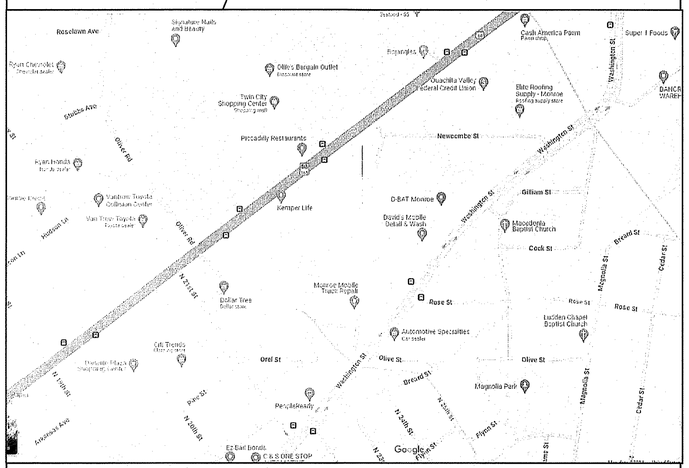
ABBREVIATIONS

NOTE: ABBREVIATIONS MAY HAVE PERIOD OR MAY NOT. ALSO SEE SPECIFICATIONS. ASK ARCHITECT ABOUT ANY ABBREVIATIONS WHICH ARE NOT STANDARD IN THE INDUSTRY OR WHICH YOU QUESTION, PRIOR TO BID.
THE FOLLOWING ABBREVIATIONS ARE USED THROUGHOUT THE PLANS & SPECIFICATIONS AND SHALL BE DEFINED AS FOLLOWS:

ABBREV.	ABBREVIATE(D)
AFF.	ABOVE FINISH FLOOR
A/C	AIR CONDITIONING
ACOUS.	ACOUSTIC(AL)
ADA	AMERICAN DISABILITIES ACT
ADJ.	ADJACENT
AHJ.	AUTHORITY HAVING JURISDICTION
ALUM.	ALUMINUM
ASB.	ASBESTOS
A.T.	ASBESTOS TILE
BD.	BOARD
BLK.	BLOCK
BOT.	BOTTOM
B.R.	BULLET RESISTANT
CB.	CHALKBOARD
CER.	CERAMIC
C.T.	CERAMIC TILE
CLG.	CEILING
COL.	COLUMN
CONC.	CONCRETE
CONT.	CONTINUOUS
CONSTR.	CONSTRUCT(ION)
CONTR.	CONTRACTOR
CMU.	CONC. MASONRY UNIT
C.R.	COLD ROLLED
CU.	CONDENSING UNIT
D.F.	DRINKING FOUNTAIN
DIAG.	DIAGONAL
DIM.	DIMENSION
D.O.	DOOR OPENING
DWG.	DRAWING
DRWG.	DRAWING(S)
DS.	DOWNSPOUT
DWS.	DRY WALL STUD .
E.	EAST
EA.	EACH
E.J.	EXPANSION JOINT
ELEC.	ELECTRIC(AL)
E.O.B.	EDGE OF BUILDING
ETR.	EXISTING TO REMAIN
EQUIP.	EQUIPMENT
EXIST.	EXISTING
EXP. JT.	EXPANSION JOINT
FA	FRESH AIR
FR	FIRE RATED
FD	FLOOR DRAIN
FD	FIRE DAMPER
FIN.	FINISH(ED)
FLR.	FLOOR
GALV.	GALVANIZED
G.B.	GRAB BAR
LAV.	LAVATORY
L3	LAND 3 ARCHITECT INC.
MAT.	MATERIAL
MAT'L.	MATERIAL
MAX.	MAXIMUM
M.B.	MARKER BOARD
MBM.	METAL BUILDING MANUFACTURE
MECH.	MECHANICAL
MEP.	MECH. ELECTRICAL, PLUMBING
MET.	METAL
MIN.	MINIMUM
M.O.	MASONRY OPENING
MT.	MARBLE THRESHOLD
N.	NORTH
NIC.	NOT IN CONTRACT
NTS.	NOT TO SCALE
NO.	NUMBER
O.C.	ON CENTER
OPNG.	OPENING
P.L.	PROPERTY LINE
PLAS.	PLASTIC
PLB.	PLUMBING
PLYWD.	PLYWOOD
RE:	REFERENCE
REINF.	REINFORCMENT
S.	SOUTH
SB.	SPLASHBLOCK
S.C.	SOLID CORE
SCH.	SCHEDULE(D)
SECT.	SECTION
SHT.	SHEET
SIM.	SIMILAR
SP.	SPLASHPAN
SPEC(S)	SPECIFICATION(S)
SPEC.#	SPECIFICATION SECTION #
SPECD.	SPECIFIED
SS.	STAINLESS STEEL
STD.	STANDARD
STD.DWG.	STANDARD DRAWING
STOR.	STORAGE
STRUCT.	STRUCTURE(AL)
SQ.	SQUARE
T.B.	TELEPHONE BOARD
T.B.	TACK BOARD
TC.	TUBE COLUMN
TEMP.	TEMPORARY, TEMPERATURE
TIL.	TILE
TOIL.	TOILET
TYP.	TYPICAL
TYPICAL	TYPICAL (IN) ON ALL SIMILAR AREAS DETAILS OR CONDITIONS.
GC. OR G.C.	GENERAL CONTRACTOR
GCP. OR G.P.C.	GLASCLAD POLYCARBONATE
GYP.BD.	GYPSUM BOARD
HC	HANDICAP(PED)
H.M.	HOLLOW METAL
HP	HORSEPOWER
HOL.MET.	HOLLOW METAL
H.R.	HANDRAIL
INSUL.	INSULATED(TION)
LA.	LOUISIANA
LAM.	LAMINATE
UL.	UNDERWRITER'S LABORATORY
UON.	UNLESS OTHERWISE NOTED
VERT.	VERTICAL
W.	WEST
W/	WITH
W/O	WITHOUT
W.C.	WATER CLOSET
WD.	WOOD
W/D	WALK DRAIN
WWF.	WELDED WIRE FABRIC
W.O.	WINDOW OPENING

VICINITY MAP NOT TO SCALE



GENERAL NOTES:

1. The intent of these drawings and specifications is to include all labor, materials, and services necessary for completion of all work shown, prescribed, or reasonably implied but not limited to that explicitly indicated in the contract documents.
2. All work shall conform to all applicable building codes, ordinances, and regulations as adopted by local authorities having jurisdiction.
3. Structural, mechanical, electrical, plumbing, civil, and landscape drawings are supplemental to the architectural drawings. The sub-contractor shall review all plans and drawings prior to Bids or rely on the General Contractor to provide them with the drawing sheets affecting their trade. In the event of conflicting statements, insufficient information, or errors, the contractor shall immediately notify the architect and obtain clarification before Bidding and before any work has begun. During Bidding, Contractor shall comply with Sections 01 42 00 & 01 45 00.Work installed where conflicting conditions are not brought to the architect's attention prior to installation of the work shall be corrected at contractors expense. Note that there is some overlap between the Architectural and Structural Designs and where there is a conflict, the more stringent and more expensive of the two shall govern.
4. Details noted as typical shall be applied to all like conditions unless specifically shown or noted otherwise. Where no specific detail is shown, the framing or construction shall be identical or similar to that indicated for like cases of construction in this project.
5. The general contractor and all subcontractors shall verify all dimensions and conditions on the job site prior to beginning construction and report any discrepancies or identified conditions to the architect for resolution before any work is begun. The contractor shall be responsible for maintenance, methods, techniques and procedures employed in the performance of the work in, on, what about the job site; the contractor shall coordinate and verify all work performed by subcontractors.
6. All contractors and subcontractors performing work on, or related to this project shall conduct their operations so that all employees are provided a safe place to work and the public is protected, and shall comply with the "occupational and safety health act" of the U.S. Department of Labor and with any and all other applicable state and/or local safety regulations. The contractor agrees to assume sole and complete responsibility for the jobsite safety conditions and that the contractor shall defend, indemnify, and hold harmless the owner and architect from any and all liability, real or alleged, in the connection with performance of work on the project.
7. The Contractor is responsible for compliance with the Contract Documents and the Architect shall make periodic observations to the jobsite but the architect shall not be responsible for the Contractors failure to carry out the work in accordance with the Contract Documents.
8. The structure is designed as a stable unit after all components are in place. The contractor shall provide all shoring and bracing necessary to ensure the stability of any and all parts of the building during construction.
9. Unless specifically shown or noted on the drawings, no structural member shall be cut, notched, bored, or otherwise modified without permission of the arch.
10. The contractor is responsible for confirming location of all site utilities and to coordinate and avoid conflict in the locations of new underground in site utilities. The contractor shall include all necessary fees, exploration equipment, time, leaders, and connections in his bid.
11. Notwithstanding anything to the contrary here in, all work must also comply with applicable local, state, and federal laws in building codes and the Owner standards, specifications, and requirements.
12. In the event of a conflict, or perceived conflict between these plans, the codes, and/or specifications, see Section 01 42 00. The most stringent & expensive requirements shall take precedent in the event of a conflict.
13. In the event of a drawing discrepancy or missing drawing symbol or wording, comply with Section 01 45 00.
14. All Trades are required to visit the site and existing buildings prior to Bids.
15. All Suppliers and sub-contractors are encouraged to review ALL Plan Sheets as some Sheets contain Work by Many different trades.

OUACHITA PARISH PUBLIC LIBRARY

MAIN BRANCH RENOVATION

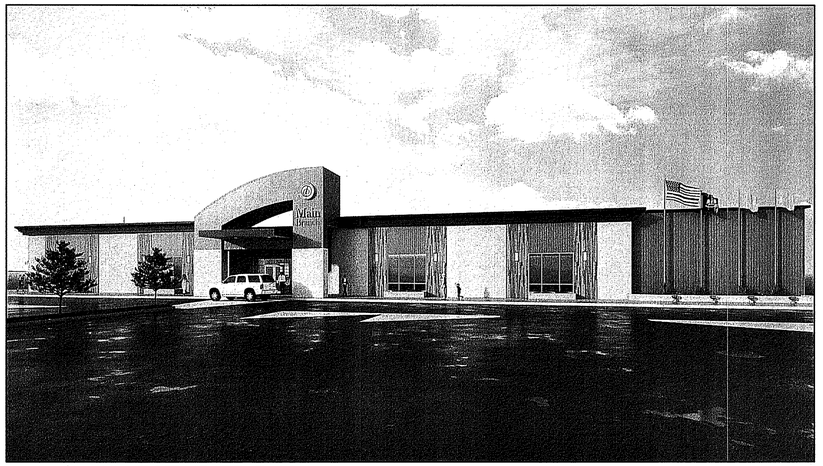
MONROE, LOUISIANA

1000 OLIVER ROAD MONROE, LA 71201

FOR THE OUACHITA PARISH POLICE JURY

OUACHITA PARISH POLICE JURY

TONI BACON	DISTRICT A
JIMMY TYSON	DISTRICT B
LARRY BRATTON	DISTRICT C
MICHEAL THOMPSON	DISTRICT D
SHANE SMILEY	DISTRICT E
LONNIE HUDSON	DISTRICT F
BRAD CAMMACK	PARISH TREASURER
JAY MITCHELL	PARISH ATTORNEY



(THIS RENDERING IS FOR CONCEPTUAL PURPOSES ONLY)

LAND 3 Architect

WILLIAM A. LAND NO. 4155 REGISTERED ARCHITECT STATE OF LOUISIANA

A Professional Corporation
1900 STUBBS AVE.
MONROE, LOUISIANA
FIRM CONTACT: BILL LAND AIA, PROJECT ARCHITECT
EMAIL: BILL@LAND3.COM
PHONE: (318) 322-2694 (EXT. 2) Cell (318) 348-9753

AUGUST 2024
PROJECT NO. 1963

LIST OF DRAWINGS

ARCHITECTURAL (LAND 3)

T1.1	TITLE SHEET
SP1.0	ENGINEER BOUNDARY & TOPOGRAPHIC SURVEY
SP1.1	SITE DEMOLITION PLAN
SP1.2	SITE IMPROVEMENT PLAN
SP2.1	SITE DETAILS
D1.1	1ST & 2ND FLOOR DEMOLITION PLANS
LS1.1	1ST & 2ND FLOOR LIFE SAFETY PLANS
A1.1	1ST & 2ND FLOOR PLANS
A1.2	NOTES AND SCHEDULES
A2.1	DOOR SCHEDULES
A2.1a	ACCESS CONTROLLED DOOR SCH.
A2.2	WINDOW SCHEDULE & DOOR HARDWARE SCH.
A3.1	EXTERIOR ELEVATIONS
A4.1	CROSS SECTIONS
A4.2	INTERIOR ELEVATIONS
A4.3	INTERIOR ELEVATIONS
A4.4	EXISTING INT. EXIT STAIR MODIFICATIONS
A4.5	ENLARGED ELEVATOR PLANS AND DETAILS
A4.6	ELEVATOR DETAILS, MOUNTING DETAILS,& ALUMINUM SUN SHADE DETAILS
A5.1	EXTERIOR WALL SECTIONS
A5.2	EXTERIOR ENLARGED WALL DETAILS & ENTRANCE CANOPY DETAILS
A5.3	ELEVATOR PENTHOUSE WALL SECTIONS, MISC. DETAILS, & FURR-DOWN DETAILS
A5.4	MISC. DETAILS
A5.5	FIRE BARRIER & FIRE RATING DETAILS
A5.6	FIRE BARRIER & FIRE RATING DETAILS
A6.1	1ST & 2ND FLOOR PARTITION PLANS & PARTITION SECTIONS
A7.1	DOOR DETAILS
A7.2	DOOR & WINDOW DETAILS
A7.3	DOOR & WINDOW DETAILS
A7.4	DOOR & WINDOW DETAILS
A7.5	DOOR DETAILS
A7.6	DOOR & WINDOW DETAILS
A7.7	WINDOW DETAILS
A8.1	MILLWORK
A8.2	MILLWORK & DISPLAY CASE DETAILS
A8.3	ADA SIGNAGE,LETTERING, & MISC. SIGNAGE
A9.1	ENLARGED RESTROOM PLANS & INT. ELEV.
A9.2	TYP. RESTROOM DETAILS & MOUNTING DIMENSIONS
FL1.1	1ST & 2ND FLOOR - FLOORING PLANS
F1.1	1ST & 2ND FLOOR FURNITURE PLANS
RC1.1	1ST & 2ND FLOOR ACOUSTIC CEILING LAYOUT PLANS
R1.1	ROOF PLAN
R2.1	ROOF DETAILS
ASF1.1	ARCHITECTURAL FRAMING PLANS FOR MAIN ENTRANCE ARCHED CANOPY

STRUCTURAL: S.E. HUEY CO.

1111 NORTH 19th STREET
MONROE, LOUISIANA 71201
PH. 318-325-1791

S1.1	FOUNDATION PLAN AND DETAILS
S1.2	EXTERIOR STAIR DETAILS & ROOF-TOP UNIT SUPPORT/FRAMING DETAILS

MECHANICAL & ELECTRICAL: EMA ENGINEERING & CONSULTING INC.

9441 STEVENS ROAD, Suite 200
SHREVEPORT, LOUISIANA 71106
PH. 318-425-4500
Email:purtle@purtle.net

MECHANICAL

MP1.1	MECH./PLUMBING ROOF PLAN
PD1.1	1st FLOOR PLUMBING DEMO
P1.1	PARTIAL 1st FLOOR WASTE & VENT
P1.2	PARTIAL 1ST FLOOR WASTE & VENT
P1.3	PARTIAL 1ST FLOOR DOMESTIC WATER & GAS
P1.4	PARTIAL 1ST FLOOR DOMESTIC WATER & GAS
P2.1	2nd FLOOR WASTE & VENT
P2.2	2nd FLOOR DOMESTIC WATER & GAS
P3.1	PLUMBING SCHEDULES & GENERAL NOTES
P4.1	PLUMBING DETAILS
P4.2	PLUMBING DETAILS & RISERS
FP1.1	1st & 2nd FLOOR FIRE PROTECTION PLANS
MD1.1	1st FLOOR HVAC DEMOLITION PLAN
MD2.1	2nd FLOOR HVAC DEMOLITION PLAN
M1.1	PARTIAL 1ST FLOOR HVAC PLAN
M1.2	PARTIAL 1ST FLOOR HVAC PLAN
M2.1	2nd FLOOR HVAC PLAN
M3.1	HVAC SCHEDULES
M3.2	HVAC DETAILS
M3.3	HVAC DETAILS

ELECTRICAL

ED1.1	1st FLOOR ELECTRICAL DEMOLITION PLAN
ED2.1	2nd FLOOR ELECTRICAL DEMOLITION PLAN
E1.1	PARTIAL 1st FLOOR POWER PLAN
E1.2	PARTIAL 1st FLOOR POWER PLAN
E1.3	PARTIAL 1st FLOOR LIGHTING PLAN
E1.4	PARTIAL 1st FLOOR LIGHTING PLAN
E2.1	2nd FLOOR POWER PLAN
E2.2	2nd FLOOR LIGHTING PLAN
E3.1	ELECTRICAL SCHEDULES
E3.2	ELECTRICAL DETAILS
E3.3	ELECTRICAL DETAILS

CODES & DESIGN SPECIFICATIONS

CODE INFORMATION - ALSO SEE SECTION 01 15 00 IN SPECIFICATIONS.

LIFE SAFETY CODE 2015 INFORMATION

OCCUPANCY	BUSINESS
TOTAL SQUARE FOOTAGE	42,200 (1st flr) 5,896 (2nd flr)
AUTOMATIC SPRINKLER SYSTEM	(PROVIDED)
FIRE ALARM SYSTEM	(PROVIDED)
TRAVEL DISTANCE ALLOWED	200 FT.
COMMON PATH OF TRAVEL ALLOWED	75 FT.
DEAD END CORRIDOR LIMIT	20 FT.
NUMBER OF EXITS REQUIRED	2 REQUIRED
MIN. WIDTH OF CORRIDORS	44"
OCCUPANT LOAD	475

2021 INTERNATIONAL BUILDING CODE INFORMATION

OCCUPANCY	B
TOTAL SQUARE FOOTAGE	42,200 (1ST FLR) 5,896 (2ND FLR)
AUTOMATIC SPRINKLER SYSTEM	(PROVIDED)
FIRE ALARM SYSTEM	(PROVIDED)
EXIT ACCESS TRAVEL DISTANCE	200 FT.
COMMON PATH OF TRAVEL	75 FT.
DEAD END CORRIDOR LIMIT	20 FT.
NUMBER OF EXITS	2 REQUIRED
MIN. WIDTH OF CORRIDORS	44"
OCCUPANT LOAD	475
AREA LIMITATION	75,000 SQ. FT.
HEIGHT LIMITATION	3 STORIES
TYPE OF CONSTRUCTION	VII
RISK CATEGORY	III

REFER TO SECTION 01 23 00 IN SPECIFICATIONS FOR LIST AND DESCRIPTION OF ALTERNATE BIDS

**NOTE: THIS JOB CANNOT BE ACCURATELY BID WITHOUT SITE VERIFICATION BY ALL TRADES PRIOR TO BIDS. ALL SUPPLIER & SUB-CONTRACTORS ARE ENCOURAGED TO REVIEW ALL SHEETS IN PLANS AS SOME SHEETS WILL CONTAIN WORK BY MULTIPLE TRADES.

T1.1

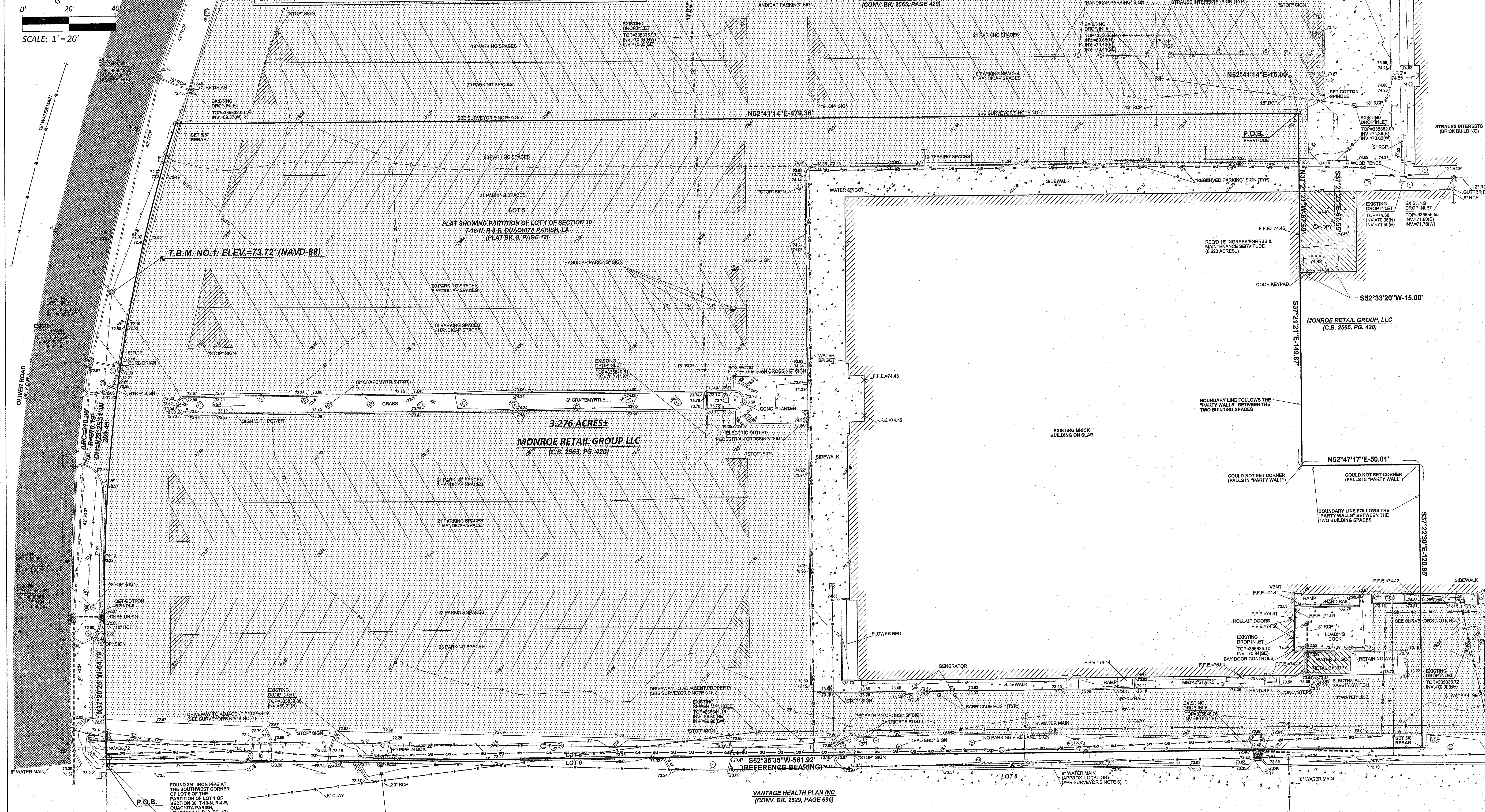
FLOOD ZONE DATA:

BASED ON FLOOD INSURANCE RATE MAP NO. 22073C0165F (JANUARY 20, 2016), FOR OUACHITA PARISH, LOUISIANA, THE ENTIRE PROPERTY SHOWN HEREON LIES IN ZONE "X-SHADED", WHICH ARE DETERMINED TO BE AN AREA OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

LAND DISTRICT NORTH OF RED RIVER
SECTION 30, T-18-N, R-4-E
OUACHITA PARISH, LOUISIANA

T.B.M. NO.1: ELEV.=73.72' (NAVD-88)

COTTON SPINDLE SET IN POWER POLE LOCATED APPROXIMATELY 200' NORTH OF THE SOUTHWEST CORNER OF THE SUBJECT PROPERTY AS SHOWN HEREON.



LEGEND

Symbol	Description	Line	Description
	TREE		FOUND MONUMENTATION
	BUSH		SET MONUMENTATION
	BARRICADE POST		SERVITUDE
	POWER DROP		RIGHT-OF-WAY
	GAS VALVE		CROWN OF ROAD
	PIPELINE UTILITY MARKER		DITCH TOP
	SEWER MANHOLE		DITCH CENTERLINE
	SEWER CLEANOUT		HEDGE LINE
	TRAFFIC SIGN		FLOWER BED
	TELEPHONE CROSS CONNECT BOX		FENCE LINE
	TELEPHONE PEDESTAL	—P—P—P—	OVERHEAD POWER LINE
	TELEPHONE UTILITY MARKER	—GAS—GAS—GAS—	UNDERGROUND GAS LINE
	WATER VALVE	—T—T—	UNDERGROUND TELEPHONE LINE
	WATER METER	—UGFO—UGFO—	UNDERGROUND FIBER OPTIC LINE
	FIRE HYDRANT		OVERHEAD FIBER OPTIC LINE
	LIGHT POLE	—W—W—W—	UNDERGROUND WATER LINE
	POWER POLE	78'	CONTOUR LINE
	GUY WIRE		CONCRETE
P.O.B.	POINT OF BEGINNING		ASPHALT
F.F.E.	FINISHED FLOOR ELEVATION		
R.O.W.	RIGHT-OF-WAY		

SURVEYOR'S NOTES:

1. THE BEARINGS SHOWN HEREON ARE GRID BEARINGS AND ARE BASED ON GPS OBSERVATIONS TAKEN AT THE SITE. THE GRID BEARINGS ARE BASED ON THE LOUISIANA COORDINATE SYSTEM OF 1983 NORTH ZONE. THE REFERENCE BEARING WAS TAKEN ALONG THE SOUTH LINE OF THE SUBJECT PROPERTY AS SHOWN HEREON.
2. THE ELEVATIONS SHOWN HEREON ARE BASED ON CONTROL POINT LAZ 2 HAVING AN ELEVATION OF 79.71' (NAVD-88) AND WERE TRANSFERRED TO THE SITE USING GPS.
3. THE EXISTING UTILITIES, BOTH ABOVE GROUND AND SUBSURFACE, ARE SHOWN ON THE PLAT AS DETERMINED FROM FIELD SURVEYS AND AVAILABLE FILES AND RECORDS. THE LOCATION, SIZE, EXISTENCE, OR NONEXISTENCE OF UTILITIES IS NOT WARRANTED BY THE SURVEYOR. THERE ARE ADDITIONAL UTILITIES LOCATED WITHIN THE LIMITS OF THE SUBJECT TRACT THAT ARE NOT SHOWN ON THIS PLAT.
4. NO TITLE RESEARCH WAS REQUESTED OR PERFORMED TO LOCATE ANY EXISTING RIGHTS-OF-WAY, EASEMENTS, OR RESTRICTIONS THAT ENCUMBER THE SUBJECT PROPERTY.
5. THE PROPERTY IS SUBJECT TO MULTIPLE EASEMENTS AND CONTRACTS REGARDING ACCESS, MAINTENANCE, ETC. THAT ARE RECORDED IN CONVEYANCE BOOK 875 AT PAGE 148, CONVEYANCE BOOK 900 AT PAGE 337, AND CONVEYANCE BOOK 1548 AT PAGE 117.
6. THE LOCATION OF THE WATER MAIN SHOWN IS APPROXIMATE AND WAS GRAPHICALLY PLOTTED FROM THE CITY OF MONROE GIS SYSTEM.
7. THERE ARE MULTIPLE LOCATIONS THAT WILL REQUIRE CROSS ACCESS EASEMENTS FOR VEHICLES, UTILITIES AND DRAINAGE. SOME REQUIRED EASEMENTS WILL CROSS THE SUBJECT TRACT WHILE OTHER LOCATIONS ARE LOCATED ON ADJACENT TRACTS. THE AGREEMENT SHOULD ALSO ADDRESS FUTURE MAINTENANCE.

CERTIFICATION

I, RONALD J. RIGGIN, II, P.L.S., A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF LOUISIANA, DO HEREBY CERTIFY THAT I HAVE PERFORMED A CLASS "B" SURVEY IN ACCORDANCE WITH THE STANDARDS OF PRACTICE FOR PROPERTY BOUNDARY SURVEYS AS ESTABLISHED BY THE LOUISIANA PROFESSIONAL ENGINEERING AND LAND SURVEYING BOARD AND TO THE BEST OF MY KNOWLEDGE THIS IS A TRUE REPRESENTATION OF THAT SURVEY.

[signature] 1-27-23

RONALD J. RIGGIN, II, P.L.S. NO. 5119 — DATE

BOUNDARY & TOPOGRAPHIC SURVEY

PROPOSED OUACHITA PARISH PUBLIC LIBRARY

1000 OLIVER ROAD, MONROE, LA 71201

SITUATED IN SECTION 30, T-18-N, R-4-E
LAND DISTRICT NORTH OF RED RIVER
OUACHITA PARISH, LOUISIANA

LAZENBY & ASSOCIATES, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
2000 NORTH 7TH STREET WEST MONROE, LOUISIANA (318) 387-2710

DATE	DESCRIPTION	BY
	REVISIONS	

DESIGNED R.J.R.	CHECKED R.J.R.	CLIENT:
DRAWN B.A.M.	CHECKED R.J.R.	OUACHITA PARISH POLICE JURY
APPROVED	DATE JAN., 2023	
JOB NO. 22S057.00	SCALE 1" = 20'	

SHEET SIZE: 24 X 36 SCALE: 1" = 20'-0"

OUACHITA PARISH PUBLIC LIBRARY
MAIN BRANCH RENOVATION
MONROE, LOUISIANA

LAND 3 Architect

LAND 3 ARCHITECT, INC.
A PROFESSIONAL CORPORATION
1900 STUBBS AVENUE
MONROE, LA.
71201-5786

WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY:	
CHK'D BY:	
JOB #	1963
DATE:	08/2024
COPYRIGHT PROTECTED	

ORIGINAL SITE SURVEY

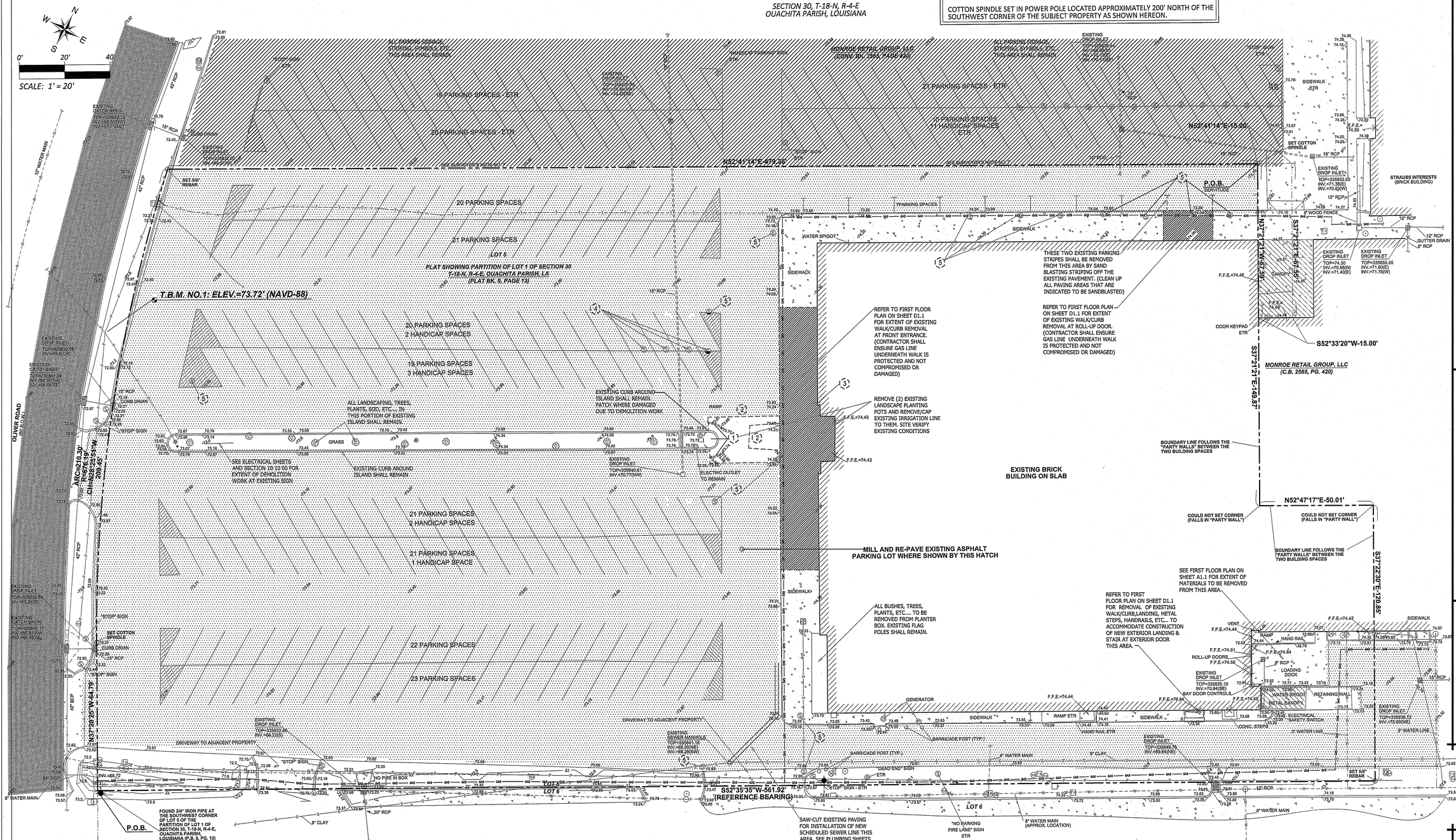
SP1.0

LAND DISTRICT NORTH OF RED RIVER

SECTION 30, T-18-N, R-4-E
OUACHITA PARISH, LOUISIANA

T.B.M. NO.1: ELEV.=73.72' (NAVD-88)

COTTON SPINDLE SET IN POWER POLE LOCATED APPROXIMATELY 200' NORTH OF THE SOUTHWEST CORNER OF THE SUBJECT PROPERTY AS SHOWN HEREON.



SITE DEMOLITION PLAN

SCALE: 1" = 20'-0" NORTH REF.

SHEET SIZE: 24 X 36 SCALE: 1" = 20'-0"

UTILITIES CONTACTED BY LA ONE CALL

TICKET NO. 220807830 DATE: NOVEMBER 30, 2022
LOCATION OF UTILITIES SHOWN WERE MARKED BY UTILITY COMPANIES BELOW:

CITY OF MONROE (SEWER)
1200 GRAMMONT STREET
MONROE, LA 71201
CHARLES WESTROM
318-329-3363

ENTERGY - ELECTRICITY
2801 CYPRESS STREET
WEST MONROE, LA 71291
MIKE WILSON
318-801-5253

UNITI FIBER - FIBER/COMMUNICATIONS
363 VENABLE LANE
MONROE, LA 71203
ROBERT BERGERON
318-372-9353

AT&T - TELEPHONE
301 CATALPA STREET
MONROE, LA 71201
STACY WELCH
318-398-1526

COMCAST CABLE COMMUNICATIONS - CABLEVISION
405 KIROLI ROAD
WEST MONROE, LA 71291
MARK CHASTAINE
318-235-6852

CENTURYLINK COMMUNICATIONS
P.O. BOX 1260
JENA, LA 71342
BILL NORRIS
318-992-1064

CONTERRA BROADBAND
2028 LA 115
MANSURA, LA 71350
ZACKERY SANDERS
318-657-1051

NEWWAVE COMMUNICATIONS
4121 OLD STERLINGTON ROAD
MONROE, LA 71203
JOSH WILLIAMS
318-345-1010

CITY OF MONROE (WATER)
2401 NORTH 10TH STREET
MONROE, LA 71203
TROY BELL
318-329-3811

ATMOS ENERGY - GAS
800 DELTA DRIVE
MONROE, LA 71203
ARSHIELD CAREY
318-651-6338

SITE DEMOLITION PLAN REF. NOTES

1. EXISTING CONCRETE BASE FOR PLANTER, ROUND PLANTER ON BASE, ADJACENT CURVED RAMPS INCLUDING CURBS FOR THESE RAMPS TO BE REMOVED FROM ISLAND AT THIS AREA. (EXISTING CURB AROUND ISLAND SHALL REMAIN, PATCH EXISTING CURB WHERE DAMAGED DUE TO REMOVAL OF EXISTING CONSTRUCTION INDICATED.)
2. CAREFULLY REMOVE ALL EXISTING CONCRETE PAVING AND CONCRETE RAMP AT ASPHALT DRIVE SHOWN.
3. EXISTING HOSE BIBB AND DRAIN PIPE TO BE EXTENDED OUT TO NEW FACE BRICK FOR CANOPY COLUMN THIS AREA. SEE FLOOR PLAN, DETAIL 8/A5.2 AND PLUMBING SHEETS.
4. REMOVE EXISTING HANDICAPPED PARKING SIGNAGE . CLEANLY CUT OFF EXISTING POSTS LEVEL WITH FACE OF PAVING, FOOTING BELOW PAVING SHALL REMAIN.
5. CAREFULLY REMOVE AND RETAIN ALL PARKING LOT SIGNAGE INDICATED BY THIS REF. NOTE. ONCE ALL NEW PAVING WORK HAS BEEN COMPLETED RE-INSTALL SIGNAGE IN PARKING AREAS AS SHOWN ON SITE IMPROVEMENT PLAN ON SHEET SP1.2

SITE DEMOLITION PLAN NOTES

REFER TO SECTION 02 41 13.

REFER TO SPECIFICATION SECTIONS AND DRAWING SHEETS WHICH MAY INDICATE NEW WORK TO REPLACE EXISTING WORK THAT IS NOT INDICATED ON THIS PLAN.

REFER TO SITE PLAN DETAILS ON SHEET SP2.1 FOR DESIGN OF NEW CONCRETE AND WALKWAY CONSTRUCTION WHICH WILL DICTATE EXTENTS OF SOIL/PAVING REMOVAL.

REPLACE EXISTING MATERIALS WHERE DAMAGED DUE TO REMOVAL OF EXISTING MATERIALS TO ACCOMMODATE NEW WORK.

GENERAL CONTRACTOR SHALL NOT BEGIN EXCAVATION OR DEMOLITION WITHOUT FIRST CONTACTING "LOUISIANA ONE CALL" (1-800-272-3020) AND REQUEST APPROXIMATE LOCATIONS OF EACH UNDERGROUND UTILITY.

REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR ADDITIONAL WORK THAT MAY REQUIRE SITE DEMOLITION.

THERE IS A STRONG POSSIBILITY THAT EXISTING U/G UTILITY LINES ARE PRESENT AND MAY NOT BE SHOWN ON SHEET. ALL UNDERGROUND UTILITIES THAT ARE IN USE BY SURROUNDING PROPERTIES MUST REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ARCHITECT AND PROMPTLY REPAIR ANY EXISTING MEP PIPING/CONDUITS THAT ARE ENCOUNTERED/DAMAGED DURING DEMOLITION WORK.

REFER TO ALL SHEETS MARKED SP- FOR BUILDING, PAVING, DRAINAGE, AND LANDSCAPING IMPROVEMENTS WHICH MAY REQUIRE ADDITIONAL DEMOLITION WORK.

GENERAL CONTRACTOR SHALL FILL ALL HOLES/VOIDS LEFT BY REMOVAL OF EXISTING MATERIALS WITH NEW MATERIALS TO MATCH EXISTING ADJACENT MATERIALS.

SAW-CUT AND PATCH EXISTING PAVING/WALKS WHERE REQUIRED FOR NEW SITE UTILITIES AT SCHEDULED MECHANICAL & ELECTRICAL EQUIPMENT.

GENERAL NOTES:

NOTIFY LA ONE CALL 48 HOURS PRIOR TO ANY DIGGING OR EXCAVATION WORK.

DIAL #811
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SOME OF THE SURVEY INFORMATION HAS BEEN DELETED FROM THIS SHEET FOR THE PURPOSE OF CLARITY. SEE ORIGINAL SITE SURVEY ON SHEET SP1.0 FOR ALL EXISTING CONDITIONS AND EXISTING GRADES.

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71201-5788

WILLIAM A. LAND
NO. 4155
STATE OF LOUISIANA
REGISTERED ARCHITECT

DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

SITE DEMOLITION PLAN

SP1.1

LAND DISTRICT NORTH OF RED RIVER

SECTION 30, T-18-N, R-4-E
OUACHITA PARISH, LOUISIANA

T.B.M. NO.1: ELEV.=73.72' (NAVD-88)

COTTON SPINDLE SET IN POWER POLE LOCATED APPROXIMATELY 200' NORTH OF THE SOUTHWEST CORNER OF THE SUBJECT PROPERTY AS SHOWN HEREON.

SCALE: 1' = 20'

SITE IMPROVEMENT PLAN

SCALE: 1" = 20'-0"

NORTH REF.

SHEET SIZE: 24 X 36 SCALE: 1" = 20'-0"

SITE IMPROVEMENT PLAN REF. NOTES

1. EXISTING ASPHALT PARKING LOT SHALL BE REPAIRED, MILLED, AND FULLY OVERLAID PER SECTION 32 12 16 OF SPECIFICATIONS AND LDOTD REQUIREMENTS. SEE DETAIL *A/SP2.1* (THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AND ALL DIMENSIONS/ MEASUREMENTS. THIS INFORMATION WHEN PROVIDED IN THE BID DOCUMENTS IS FOR GENERAL INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL NECESSARY CONDITIONS AND DIMENSIONS PRIOR TO SUBMITTING A BID.)
2. UPON COMPLETION OF ASPHALT OVERLAY FOR EXISTING PARKING LOT PROVIDE NEW 4" WIDE WHITE PAINTED PARKING STRIPING, SYMBOLS, TRAFFIC DIRECTIONAL ARROWS, LETTERING, ETC... AT AREAS SHOWN ON PLAN. (SEE SECTION 09 90 00 IN SPECIFICATIONS .)
3. EXISTING MOBILE SIGNAGE WITH CONCRETE BASE TO BE RE-LOCATED TO AREAS SHOWN ON PLANS, VERIFY ORIENTATION WITH ARCHITECT PRIOR TO INSTALLATION. ALL POSTS FOR EACH SIGN SHALL BE PAINTED GREEN AND CONCRETE BASE FOR EACH SIGN SHALL BE PAINTED WITH TRAFFIC YELLOW PAINT PER SECTION 09 90 00.
   S1- EXISTING STOP SIGN
   S2- EXISTING PEDESTRIAN SIGN
   S3- EXISTING RESERVED SIGN
4. NEW CONCRETE PAVING/DRIVE AT AREAS SHOWN, SEE DETAIL *B/SP2.1*
5. ALL LANDSCAPING, TREES, PLANTS, SOD, ETC.... IN THIS EXISTING ISLAND SHALL REMAIN. (REPLACE ONLY WHERE DAMAGED DUE TO NEW CONSTRUCTION)
6. AT STAFF PARKING AREA SHOWN PROVIDE (18) PORTABLE 12"W X 18"H ALUMINUM DOUBLE FACED STAFF PARKING SIGNS MOUNTED TO A 6' GREEN U CHANNEL POST WITH 250 LB PYRAMID CONC. BASE, BASED ON PRODUCTS BY "TAFCO" OR "SETON". (ALL CONC. BASES SHALL BE PAINTED WITH TRAFFIC YELLOW PAINT BY SECTION 09 90 00)
7. NEW FLAGS BY SECTION 10 10 00 INSTALLED ON EXISTING POLES IN PLANTER BOX.
8. NEW 4" WIDE TRAFFIC YELLOW PAINT STRIPE AT RETAINING WALL & EDGES OF RAMP TO DETER TRIPPING HAZARD.
9. NEW 4" WIDE TRAFFIC YELLOW PAINT STRIPE AT PAVING TO WALK TRANSITION TO DETER TRIPPING HAZARD.
10. NEW SITE SIGN WITH GRAPHICS FACING OLIVER ROAD, VERIFY EXACT LOCATION TO BE INSTALLED. PATCH ADJ. EXISTING CONSTRUCTION/GRADING WHERE DAMAGED DUE TO INSTALLATION OF SIGN. SEE DETAIL *J/SP2.1*

SITE IMPROVEMENT NOTES:

1. SITE VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING.
2. MODIFY/LOWER OR RE-LOCATE ALL ACTIVE UTILITY BOXES, TRANSITIONS, PIPING, CONDUIT, CLEAN-OUTS, METERS, ETC.... AS NECESSARY TO PREVENT INTERFERENCE WITH NEW SCHEDULED WORK. VERIFY TOTAL VISIBLE NUMBER AND INCLUDE ALL COST IN BID FOR THIS WORK.
3. REFER TO DIVISIONS 31,32, & 33 IN SPECIFICATIONS.
4. REFER TO SHEET SP2.1 FOR SITE DETAILS.
5. REFER TO PLUMBING, MECHANICAL, AND ELEC. SHEETS FOR NEW UTILITY LOCATIONS VERIFY LOCATION, SIZE, DEPTH, ETC. OF ALL EXISTING UTILITIES PRIOR TO BIDDING AND INCLUDE COST IN BID TO WORK AROUND ALL EXISTING UTILITIES. NOTIFY ARCHITECT OF ALL CONFLICTS.
6. REFER TO FLOOR PLANS FOR DIMENSIONS OF NEW LANDINGS/ RAMPS AT EXTERIOR DOORS IF NOT INDICATED ON THIS PLAN.
7. GENERAL CONTRACTOR (GC) SHALL APPLY AND PAY FOR ALL REQUIRED BUILDING PERMITS AND IT SHALL BE THE BIDDERS RESPONSIBILITY TO VERIFY WHICH REGULATORY AGENCIES, DEPARTMENTS, ETC. REQUIRE BUILDING PERMITS AND THE AMOUNTS.
8. PROPERLY RE-LOCATE & CAP OFF ANY AND ALL EXISTING UTILITY LINES WHICH ARE LEFT AS A RESULT OF DEMOLITION WORK.
9. ALL VOIDS IN EXISTING GRADE LEFT BY THE REMOVAL OF EXISTING MATERIALS SHALL BE FILLED AND COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.
10. ALL PAINTING SHOWN SHALL BE BY SECTION 09 90 00 IN SPECS.
11. PROVIDE POSITIVE FINISHED GRADING AROUND ALL NEW CONSTRUCTION TO SLOPE AWAY FROM BUILDINGS.
12. ALL EXISTING CONCRETE PAVING, SIDEWALKS, & LANDINGS SHALL BE PRESSURE WASHED.

GENERAL NOTES:

NOTIFY LA ONE CALL 48 HOURS PRIOR TO ANY DIGGING OR EXCAVATION WORK.

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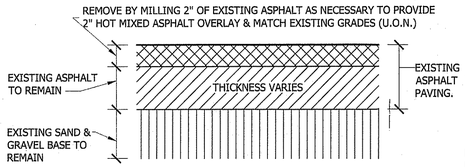
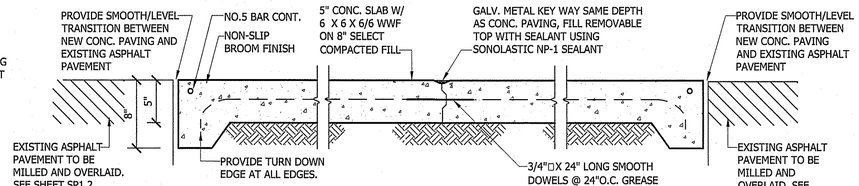
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

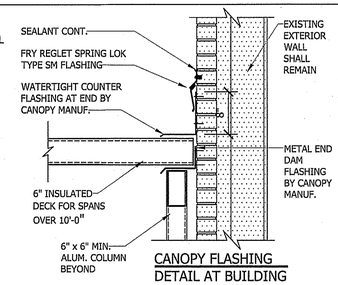
DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

SITE IMPROVEMENT PLAN

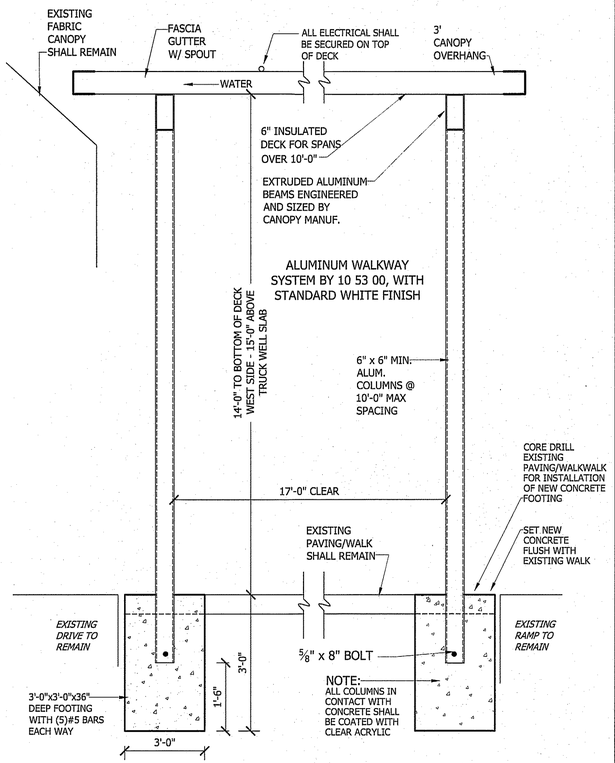
SP1.2







CANOPY FLASHING
DETAIL AT BUILDING



A REPAVE ASHPHALT (OVERLAY)

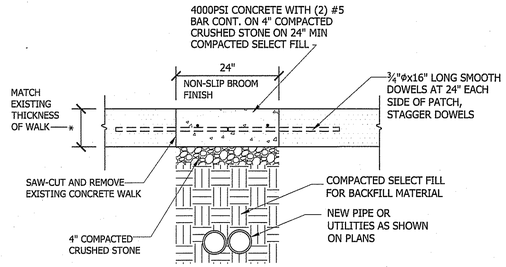
- SITE VERIFY EXISTING CONDITIONS AND DIMENSIONS
- SEE SECTION 32 12 16 FOR REQUIREMENTS

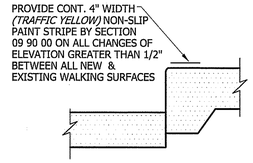
SCALE: NTS

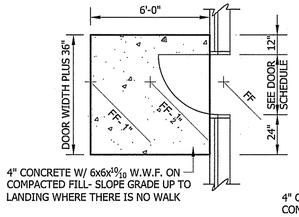
B NEW CONCRETE PAVING

- SITE VERIFY EXISTING CONDITIONS AND DIMENSIONS

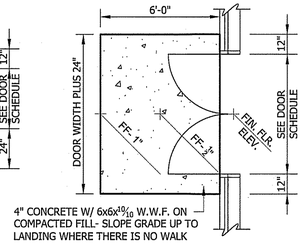
SCALE: NTS







PLAN @ SINGLE DOOR
SEE DOOR LANDINGS MARKED (LL)



PLAN @ DOUBLE DOOR
SEE DOOR LANDINGS MARKED (LL)

C CONCRETE WALK PATCH AT NEW EXTERIOR UTILITIES

- SEE M.E.P. SHEETS FOR UTILITY LOCATIONS.

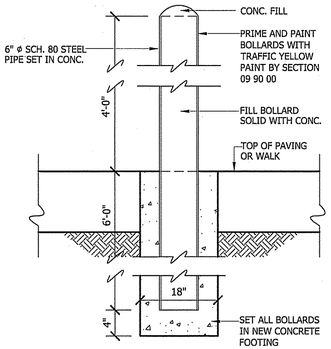
SCALE: NTS

D CAUTION PAINT STRIPING

- APPLIES TO ALL WALKS AND LANDINGS THIS PROJECT
- SITE VERIFY TOTAL NUMBER OF TRANSITIONS

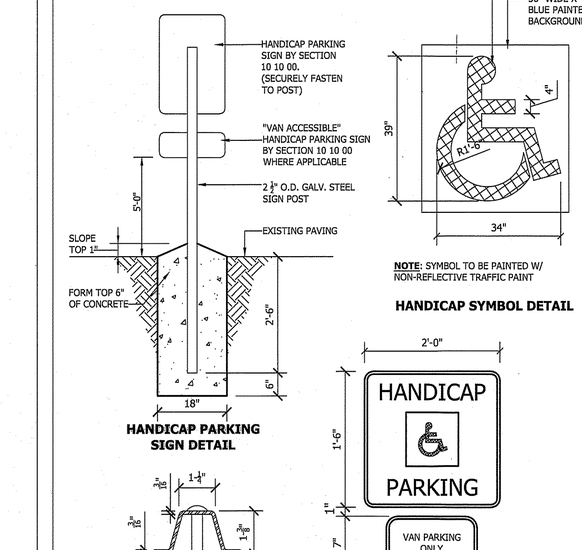
SCALE: NTS

E NEW LEVEL LANDING DETAIL



I ALUMINUM CANOPY DETAIL

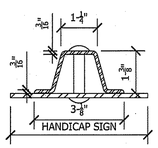
SCALE: NTS



NOTE: SYMBOL TO BE PAINTED W/ NON-REFLECTIVE TRAFFIC PAINT

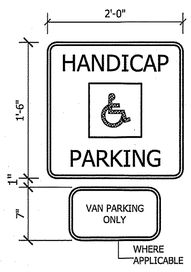
HANDICAP SYMBOL DETAIL

HANDICAP PARKING SIGN DETAIL



NOTE: 3/8" DIAMETER HOLES TO BE DRILLED IN CHANNEL ON 1" CENTERS FROM TOP OF POST. POST SHALL BE GALV. STEEL; 2.50 LBS. PER FOOT ±3 1/2%; GALV. AFTER DRILLING.

SECTION OF POST FOR HANDICAP SIGN

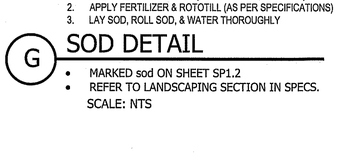


HANDICAP SIGN

HANDICAP SIGN NOTES:
1. SIGN COLORS:
   - LEGEND & BORDER — WHITE
   - BACKGROUND — BLUE
   - HANDICAP SYMBOL — WHITE SYMBOL

F HANDICAP PARKING SIGN & SYMBOL

SCALE: NTS



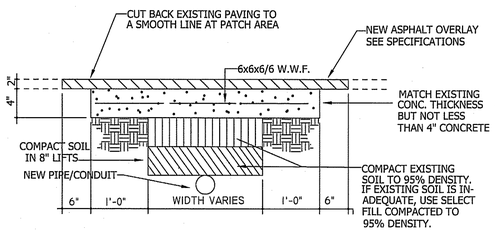
NOTE: INSTALL SOD SO THAT TOP OF SOIL & ROOT LAYER IS LEVEL WITH TOP OF PAVEMENT

SODDING PROCEDURE:
1. PREPARE FINISH GRADE (AS PER SPECIFICATIONS)
2. APPLY FERTILIZER & ROTOTILL (AS PER SPECIFICATIONS)
3. LAY SOD, ROLL SOD, & WATER THOROUGHLY

G SOD DETAIL

- MARKED sod ON SHEET SP1.2
- REFER TO LANDSCAPING SECTION IN SPECS.

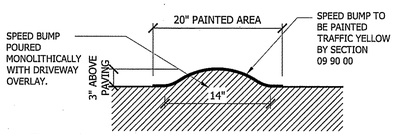
SCALE: NTS



L ASPHALT PAVEMENT REPAIR AT NEW EXTERIOR UTILITIES

- SEE M.E.P. SHEETS FOR UTILITY LOCATIONS.

SCALE: NTS



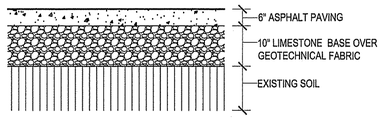
M SPEED BUMP

- VERIFY LOCATIONS WITH ARCHITECT

SCALE: NTS

H PIPE BOLLARD DETAIL

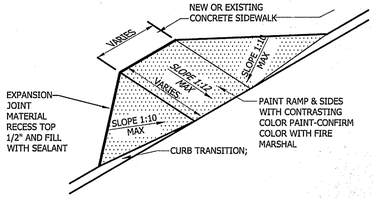
SCALE: NTS



N ASPHALT PATCH DETAIL

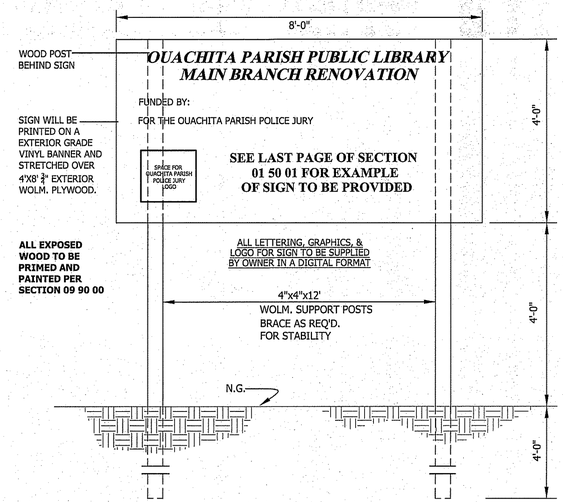
- SITE VERIFY EXISTING VISIBLE CONDITIONS & INCLUDE THIS DETAIL IN BID PRICE FOR EXISTING DEFECTS. THIS DETAIL WILL ALSO BE USED AS A UNIT COST WHERE ANY PUMPING IS SEEN AFTER PROOF ROLLING

SCALE: NTS



K ACCESSIBLE RAMP DETAIL

SCALE: NTS



J PROJECT SIGN

- VERIFY LOCATION WITH ARCHITECT

SCALE: NTS

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WILLIAM A. LAND III NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

SITE DETAILS

SP2.1

SHEET SIZE: 24 X 36 SCALE: 1/8" = 1'-0"

DEMOLITION REFERENCE NOTES:

THE FOLLOWING ITEMS ARE PROVIDED FOR GENERAL PURPOSES AND INDICATE THE TYPICAL TYPES OF DEMOLITION REQUIRED. THE CONTRACTOR SHALL REVIEW THE COMPLETE BID DOCUMENTS AND SITE VERIFY PRIOR TO BIDS ANY ADDITIONAL MATERIALS WHICH ARE IN CONFLICT WITH NEW WORK INDICATED IN THE BID DOCUMENTS. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL DEMOLITION WORK NOT SPECIFICALLY INDICATED TO BE REMOVED BY A PARTICULAR SUB-CONTRACTOR.

1. REMOVE PORTION OF EXISTING INT. WALL SHOWN INCLUDING ALL SHEET-ROCK, STUD FRAMING, DOORS, DOOR FRAMES, HEADERS FOR DOOR OPENINGS, OUTLETS, LIGHT SWITCHES, ETC.... UP TO 9'-0" IN HEIGHT. PATCH ALL ADJACENT EXISTING CONST. THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK. CAP ELEC. & RE-LOCATE LIGHT SWITCH TO NEAREST ADJ. WALL (UON) ON ELEC. SHEETS. (PROVIDE TEMPORARY SHORING/BRACING AS REQUIRED FOR SUPPORT OF REMAINING WALL ABOVE .)
2. REMOVE PORTION OF EXISTING EXTERIOR WALL PATCH SHOWN FOR NEW EXTERIOR DOORS/SIDELITES SCHEDULED FOR THIS AREA. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK.
3. REMOVE EXISTING EXTERIOR WINDOW AWNING SYSTEM INCLUDING ALL ALUMINUM FRAMING, CLIPS, ANCHORS, AND CANVAS AWNING. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO REMOVAL OF THE AWNING SYSTEM. FILL ALL HOLES IN MASONRY LEFT BY REMOVAL OF ANCHORING CLIPS WITH SEALANT.
4. EXISTING EXTERIOR WALL, ALUMINUM FRAMING, EXTERIOR ENTRANCE DOORS INCLUDING FRAMES, SIDE-LITES, TRANSOM, DOOR GLASS, ALL DOOR HARDWARE, THRESHOLDS, CHANNEL SPACERS, CLIP ANGLES, WOOD BLOCKING, MOLDINGS, PANELS, STOPS, FLASHING, TRIM, & EXTERIOR SIDE-LITES, SHALL BE REMOVED. REMOVE EXISTING INTERCOM BOX ADJ. TO DOOR & CAP EXISTING POWER/DATA TO BOX ABOVE CEILING. EXISTING STEEL COLUMNS, STEEL BEAMS, AND CONCRETE FLOOR SLAB SHALL REMAIN. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO THIS DEMOLITION WORK.
5. ALTERNATE BID - CAREFULLY REMOVE PORTION OF EXISTING EXTERIOR MASONRY WALL SHOWN FOR INSTALLATION OF NEW SCH. EXT. WINDOW & STEEL LINTEL. SEE WINDOW SCHEDULE & FLOOR PLAN FOR EXTENT OF NEW WORK. PATCH ALL EXISTING CONSTRUCTION WHERE DAMAGED DUE TO DEMO WORK. PROVIDE TEMPORARY SHORING/BRACING WHERE REQUIRED FOR SUPPORT OF EXT. WALL.
6. CAREFULLY REMOVE PORTION OF EXISTING EXTERIOR MASONRY WALL SHOWN FOR INSTALLATION OF NEW SCH. EXT. DOOR & STEEL LINTEL. SEE DOOR SCHEDULE & FLOOR PLAN FOR EXTENT OF NEW WORK. PATCH ALL EXISTING CONSTRUCTION WHERE DAMAGED DUE TO DEMO WORK. PROVIDE TEMPORARY SHORING/BRACING WHERE REQUIRED FOR SUPPORT OF EXT. WALL.
7. EXISTING INTERIOR CONSTRUCTION SHOWN CONSISTING OF ALL WALLS, PANELING, WAINSCOT, DOORS, DOOR FRAMES,WOOD TRIM,WINDOWS, CURBS, MILLWORK, WALL MOUNTED GRILLES, CEILING TILE,CEILING GRID,ETC.... SHALL BE REMOVED FROM INTERIOR AREAS INDICATED. SEE M.E.P. SHEETS FOR EXTENT OF EXISTING ITEMS THAT ARE TO BE REMOVED OR RE-LOCATED FOR MECH., ELEC., AND PLUMBING. PROPERLY CAP ALL UTILITIES THAT WILL NOT BE RE-USED, SEE M.E.P. SHEETS. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK. (PROVIDE TEMPORARY SHORING/BRACING AS NECESSARY.)
8. EXISTING FREIGHT ELEVATOR INCLUDING ALL ASSOCIATED FRAMING, PISTONS, DOORS, DOOR FRAMES, GUIDE RAILS, CONTROLS, PUMP MOTOR, ASSOCIATED CONDUIT/WIRING, ALL SHAFT WALLS, ETC.... SHALL BE REMOVED TO ACCOMMODATE NEW PASSENGER ELEVATOR SCH. FOR THIS AREA. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK. (PROVIDE TEMPORARY SHORING/BRACING AS NECESSARY.)
9. EXISTING MILLWORK,SHELVING,BRACKETS,STANDARDS, ETC..... INCLUDING ALL RELATED ATTACHED MATERIALS SHALL BE REMOVED. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK.
10. THIS PORTION OF EXISTING PROJECTED CURVED BUILDING OVERHANG & ASSOCIATED ROOFING SHOWN SHALL BE REMOVED INCLUDING ALL FLASHING, FASCIA, SOFFIT,LIGHTING, FRAMING, & ALL RELATED MATERIALS. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK.
11. REMOVE ENTIRE EXISTING EXTERIOR DISPLAY WINDOW UNIT INCLUDING ROOF, ROOF FRAMING, ALUMINUM FRAMING SYSTEM, ALL GLASS, STUD WALLS, ELEC. OUTLETS, CONDUIT, PLATFORM, FRAMING FOR RAISED PLATFORM, FLOORING, BRICK BASE BELOW WINDOW, TO MAKE WAY FOR NEW SCHEDULED WORK THIS AREA. PROPERLY CAP ALL UTILITIES THAT WILL NOT BE RE-USED. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK.
12. REMOVE 4' WIDE X 7' HIGH PORTION OF EXISTING WALL SHOWN TO CREATE A NEW WALL OPENING AS SHOWN ON SHEET A1.1. PATCH ALL ADJ. CONST. WHERE DAMAGED DUE TO REMOVAL OF MATERIALS FOR OPENING.
13. AT OPENING INDICATED REMOVE ALL WOOD TRIM AND CASING FRAME FROM OPENING, REMAINING WALL OPENING SHALL BE PATCHED AS SHOWN ON SHEET A1.1. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK.
14. EXISTING EXTERIOR WINDOWS AT WEST WALL SHALL REMAIN UNDER BASE BID. UNDER ALTERNATE BID REMOVE EXISTING EXTERIOR WINDOWS AND PORTION OF EXISTING MASONRY WALL BELOW WINDOW . SEE FLOOR PLAN, WINDOW SCH., AND EXT. ELEVATIONS FOR EXTENT OF DEMOLITION WORK REQUIRED. (UNDER ALTERNATE BID PATCH ALL ADJ. EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK THIS AREA.)
15. REMOVE PORTION OF EXISTING WALL INCLUDING ALL STUD FRAMING, DRYWALL, OUTLETS, CONDUIT,LIGHT SWITCHES, ETC... TO ACCOMMODATE NEW SCHEDULED WALL OPENING AT THESE AREAS. PROPERLY CAP ALL UTILITIES THAT WILL NOT BE RE-USED AND PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO THIS DEMOLITION WORK.
16. REMOVE EXISTING STAIR INCLUDING HANDRAILS, ALL FRAMING, FLOORING, & ALL ASSOCIATED MATERIALS TO STAIR. REMOVE ENTIRE ATTIC FOR THIS AREA INCLUDING ALL ASSOCIATED FLOOR JOISTS, FLOOR DECKING, ETC.. PATCH ALL ADJACENT EXISTING CONSTRUCTION THAT IS TO REMAIN WHERE DAMAGED DUE TO DEMOLITION WORK THIS AREA.
17. REMOVE BATHROOM INCLUDING ALL WALLS, CEILINGS, FIXTURES, ETC... (EXISTING SEWER & WATER LINES SHALL REMAIN FOR NEW SINKS AND JANITOR CLOSET FOR THIS AREA, SEE ENGINEER'S M.E.P. SHEETS FOR EXTENT OF UTILITY WORK.)

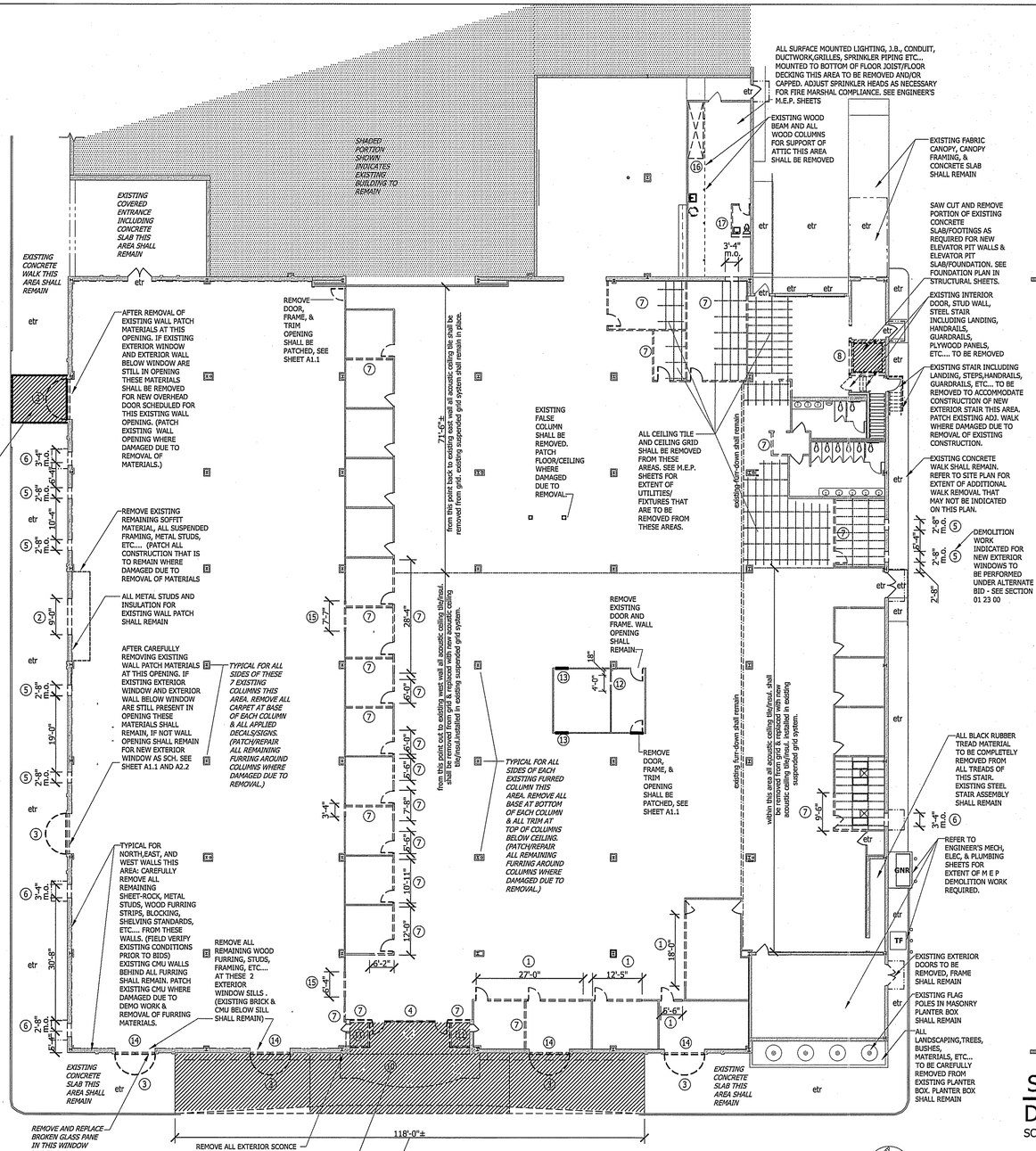
DEMOLITION GENERAL NOTES

REFER TO SECTION 02 41 19 IN THE SPECIFICATIONS

DEMOLITION PLANS ARE PROVIDED TO INDICATE GENERAL TYPES OF DEMOLITION THAT IS REQUIRED TO BE PREFORMED BUT BY NO MEANS LIMITS THE REQUIRED DEMOLITION. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL EXISTING MATERIALS THAT WOULD OTHERWISE INTERFERE WITH ALL NEW WORK INDICATED IN PLANS.

SITE VERIFY ALL VISIBLE CONDITIONS AT FACILITY PRIOR TO BIDS.

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, CONDITIONS, AND AREAS AT PROJECT SITE PRIOR TO BIDDING.
- REFER TO SITE PLAN SHEETS FOR ADDITIONAL SITE DEMOLITION WORK THAT MAY NOT BE INDICATED ON PLAN.
- THE GENERAL CONTRACTOR SHALL PATCH ALL SURFACES WHERE DEMOLITION WORK OCCURS. PATCH/LEVEL CONCRETE SURFACES THAT ARE UNEVEN OR DAMAGED.
- SEE M.E.P. DRAWINGS AND SPECS. FOR NEW ITEMS TO REPLACE EXISTING. THE GENERAL CONTRACTOR SHALL PATCH ALL HOLES WHERE EXISTING ELECTRICAL PIPING OR CONDUIT IS REMOVED, WHERE EXISTING M.E.P. ITEMS ARE REMOVED VOIDS SHALL BE PATCHED WITH MATCHING MATERIALS, IF OPENINGS ARE IN A RATED WALL THEY ARE TO BE FILLED WITH AN APPROPRIATE U.L. LISTED FIRE RATED MATCHING MATERIALS.
- REMOVE ALL EXISTING CONSTRUCTION THAT WOULD OTHERWISE INTERFERE WITH NEW WORK OF ANY KIND ON INTERIOR AND EXTERIOR OF BUILDINGS.
- ALL CERAMIC TILE OR EXPOSED FINISH MATERIAL REQUIRED TO BE REMOVED SHALL BE NEATLY CUT AT THE JOINT IN A STRAIGHT LINE. NO TOOTHING OR JAGGED EDGES ALLOWED. ANY CEILING TILE PIECES DAMAGED AS A RESULT OF THIS PROJECT SHALL BE COMPLETELY REPLACED.
- REMOVE EXISTING BASE (RUBBER, WOOD, ETC) AT ALL AREAS WHERE NEW BASE IS INDICATED TO BE INSTALLED.
- MOVE ALL REMAINING FURNITURE IN BUILDING NOW INTO A ROOM AS NEEDED UNTIL PROJECT IS COMPLETE. INSTALL THIS FURNITURE IN ROOMS WHERE DIRECTED BY OWNER.
- SCRAPE, CLEAN, PREP, AND PRIME EXISTING TERRAZZO FLOORING AS NEEDED FOR PROPER INSTALLATION OF NEW FLOOR FINISHES, SITE VERIFY EXISTING CONDITIONS PRIOR TO BIDS.
- AT ALL INTERIOR STUD PARTITIONS THAT ARE REMOVED, GRIND ALL EXPOSED ANCHOR BOLTS SMOOTH/FLUSH WITH TOP OF EXISTING SLAB. PATCH SLAB WHERE DAMAGED DUE TO WALL & SILL PLATE REMOVAL. AT INTERIOR CMU PARTITIONS THAT ARE REMOVED. EXISTING EXPOSED FASTENERS, RE-BAR, OR BOLTS AT SLAB LEFT BY REMOVAL OF CMU SHALL BE CUT-OFF SMOOTH/LEVEL WITH EXISTING FLOOR SLAB & GROUND OFF SMOOTH WITH SURFACE OF FINISHED FLOORING.
- DURING DEMOLITION CARE SHALL BE TAKEN TO PROTECT ALL EXISTING ITEMS/MATERIALS THAT ARE TO REMAIN. REPLACE/REPAIR ALL DAMAGED MATERIALS AS A RESULT OF DEMOLITION THIS PROJECT.
- PROVIDE TEMPORARY SHORING/BRACING WHERE REQUIRED TO SUPPORT EXISTING CONSTRUCTION FROM DEFLECTION,DAMAGE, OR COLLAPSE AT EXISTING WALLS, DOORS, OR WINDOWS ARE INDICATED TO BE REMOVED
- ALL REMOVED ITEMS OF VALUE SHALL REMAIN THE PROPERTY OF THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSING OF REMOVED ITEMS ONLY AFTER GIVING THE OWNER THE OPPORTUNITY TO RETAIN ALL WANTED ITEMS.
- LEGALLY DISPOSE OF ALL EXISTING FLUORESCENT BULBS THAT ARE STORED IN BUILDING OR CURRENTLY INSTALLED IN LIGHT FIXTURES UNLESS OTHERWISE NOTED.
- REMOVE ALL EXISTING FLOOR FILLER MATERIALS AND LEVELING MATERIALS FROM EXISTING SLAB. GRIND, SMOOTH, AND PREP FLOOR JOINTS FOR INSTALLATION OF NEW FLOORING. INSTALL CRACK ISOLATION MEMBRANES AND LEVELERS AS NEEDED FOR SMOOTH AND LEVEL INSTALLATION OF NEW FLOORING, SITE VERIFY EXISTING CONDITIONS PRIOR TO BIDS AND INCLUDE ALL COSTS IN BID.
- REMOVE AND DISPOSE OF ALL REMAINING MECHANICAL EQUIPMENT,DUCTWORK, & PIPING THAT INTERFERES WITH NEW WORK .



SECOND FLOOR DEMOLITION PLAN

SCALE: 1/16" = 1'-0"

NORTH REF.

FIRST FLOOR DEMOLITION PLAN

SCALE: 1/16" = 1'-0"

NORTH REF.

EXISTING CONSTRUCTION DETAILS & DIMENSIONS WERE TAKEN FROM LIMITED DRAWINGS AND VISUAL OBSERVATIONS WHEREVER POSSIBLE; HOWEVER, THE BUILDING WAS OCCUPIED DURING THE CONSTRUCTION DOCUMENT PHASE AND DESTRUCTIVE DEMOLITION WAS NOT PERFORMED. THE CONTRACTOR SHALL SITE VERIFY EXISTING CONDITIONS PRIOR TO BID & INCLUDE IN BID THE DEMOLITION OF ALL EXISTING MATERIALS/EQUIPMENT THAT WOULD INTERFERE WITH PROPOSED NEW WORK. AS THE JOB PROGRESSES AND AS ELEMENTS OF EXISTING CONSTRUCTION ARE EXPOSED, THE CONTRACTOR SHALL VERIFY ALL MATERIALS, CLEARANCES AND DIMENSIONS AT JOBSITE. WHERE ACTUAL CONDITIONS VARY FROM THE DRAWINGS, THESE CONDITIONS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION AND IF MINOR IN NATURE, THE INTENT OF THESE DRAWINGS SHALL BE CARRIED OUT AT NO ADDITIONAL COST THE OWNER, UNLESS DISCREPANCIES ARE OF SUCH EXTENT AS TO ALTER THE SCOPE AND INTENT OF THE WORK. ALL DIMENSIONS MUST BE VERIFIED AT JOBSITE.

PATCH

DEFINITION OF PATCH- REPLACE REMOVED MATERIALS WITH NEW MATERIALS SIMILAR TO ADJACENT SURROUNDING MATERIALS & AS REQUIRED BY DETAILS ON THIS AND OTHER SHEETS. PROVIDE CAULK, SEALANT, ETC. AS REQUIRED FOR SECURE INSTALLATION & SMOOTH TRANSITION.

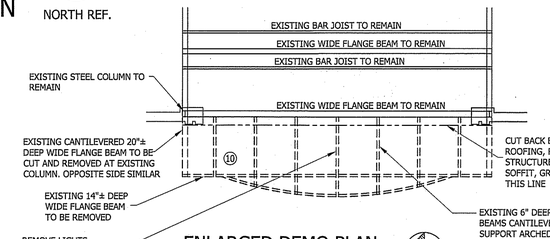
NOTE:

SEE PLUMBING, MECH., & ELEC. SHEETS FOR ADDITIONAL AREAS THAT REQUIRE SELECTIVE DEMOLITION DUE TO NEW WORK OR MAY REQUIRE SAWCUTTING OF EXISTING CONC. SLAB FOR NEW PLUMBING OR UTILITIES.

THE DEMOLITION PLAN SHEETS INDICATE WORK BY MANY TRADES SUCH AS MECHANICAL, ELECTRICAL, PLUMBING, PAINTING, ETC. ....

**ALTERNATE BIDS

SEE SECTION 01 23 00 IN SPECS. FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATE BIDS



ENLARGED DEMO PLAN AT FRONT CANOPY

SCALE: 1/8" = 1'-0"

REFERENCE NORTH

SHEET SIZE: 24 X 36 SCALE: 1/16" = 1'-0"

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CHK'D BY: WAL
JOB #: 1963
DATE: 08/2024
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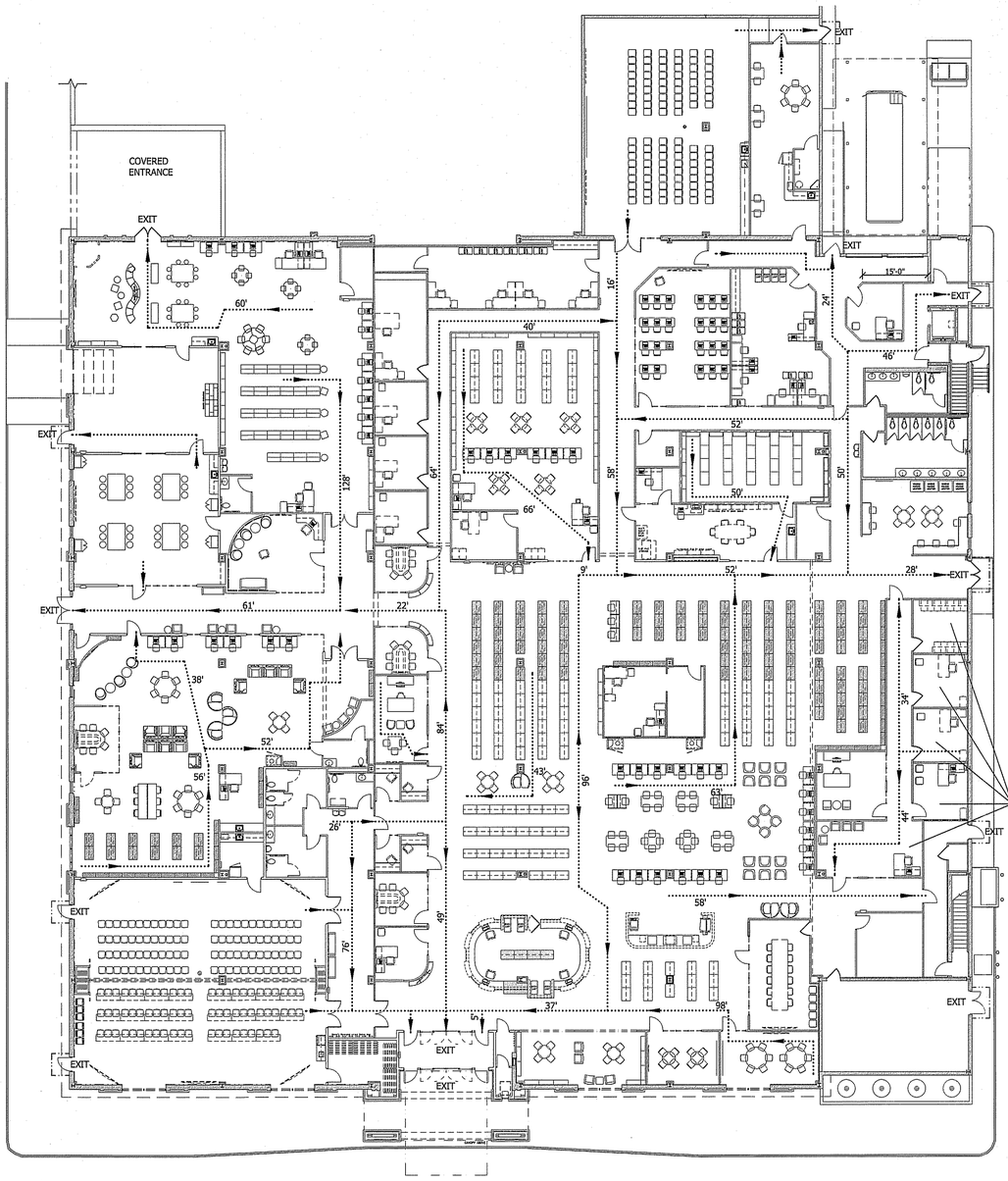
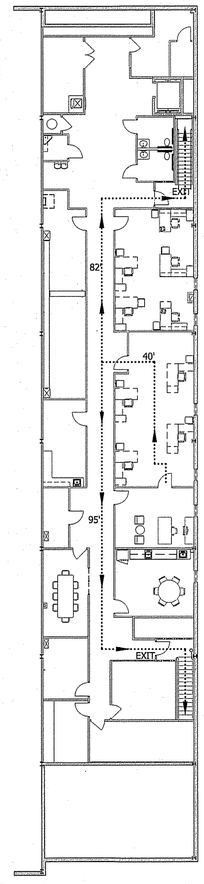
1ST & 2ND FLOOR DEMOLITION PLANS

D1.1



1st FLOOR
LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

REF. NORTH



2nd FLOOR
LIFE SAFETY PLAN
SCALE: 1/16" = 1'-0"

REF. NORTH

NFPA TABLE A7.6
ASSEMBLY SPRINKLED
TRAVEL DISTANCE LIMIT.....250 ft.
DEAD END LIMIT.....20 ft.
COMMON PATH LIMIT.....75 ft.

SHEET SIZE: 24 X 36 SCALE: 1/16" = 1'-0"

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DRAWN BY:	AH
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1st & 2nd FLOOR
LIFE SAFETY PLANS

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DRAWN BY:	RM
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

1st & 2nd FLOOR FLOOR PLANS

A1.1

SHEET SIZE: 24 X 36 SCALE: 3/32" = 1'-0"

1st FLOOR PLAN
SCALE: 3/32" = 1'-0"

REF. NORTH

2nd FLOOR PLAN
SCALE: 3/32" = 1'-0"

REF. NORTH

**SEAL ALL PENETRATIONS THRU 2ND FLOOR WITH AN APPROPRIATE U.L. RATED FIRE STOPPING SYSTEM BY SECTION 07 84 00

DIMENSION NOTES:

- ALL INTERIOR DIMENSIONS SHOWN ON FLOOR PLANS ARE COMPUTER GENERATED, TAKEN FROM FACE OF STUD, AND ROUNDED TO THE NEAREST ⅛" INCREMENT.
- CONTRACTOR SHALL BRING ALL DISCREPANCIES IN DIMENSIONS STRINGS OVER 1" TO ARCHITECTS ATTENTION PRIOR TO ROUGH IN OF ANY WALLS AND CONFIRM PROPOSED LAYOUT WITH ARCHITECT.
- REFERENCE ADA CLEARANCE REQUIREMENTS FOR DOORWAYS PRIOR TO ANY ROUGH IN.
- ALL INTERIOR DOORS CLOSE TO ADJACENT GYP. BD. WALLS SHALL BE LOCATED WITH HINGE SIDE 6" MIN. FROM ADJACENT WALL UNLESS OTHERWISE DIMENSIONED OR NOTED.
- DIMENSIONS ARE TAKEN FROM FACE OF STUD, OBJECTS, OR CABINETS UNLESS OTHERWISE NOTED.

**ALTERNATE BIDS

SEE SECTION 01 23 00 IN SPECS. FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATE BIDS

NOTE:

REFER TO SHEET A1.2 FOR THE FOLLOWING NOTES:

- PLAN LEGEND
- EQUIPMENT LEGEND
- EQUIPMENT TO BE INSTALLED
- PLAN REFERENCE NOTES
- ROOM FINISH SCHEDULE

REFER TO MOUNTING DIMENSIONS ON SHEET A9.2 FOR MOUNTING HEIGHT OF ALL EQUIPMENT, TOILET ACCESSORIES, TOILET FIXTURES, ETC....

USE AND INTERPRETATION OF THESE DRAWINGS:
THE CONTRACT DOCUMENTS INCLUDE NOT ONLY THE DRAWINGS BUT THE SPECIFICATIONS. THESE CONSTRUCTION DOCUMENTS ARE COMPLIMENTARY AND WHAT IS REQUIRED BY ANY PART SHALL BE AS BINDING AS IF REQUIRED BY ALL. WORK NOT COMPLETELY DELINEATED HEREIN SHALL BE CONSTRUCTED OF THE SAME MATERIALS AND DETAILED SIMILARLY AS WORK SHOWN MORE COMPLETELY ELSEWHERE IN THE CONTRACT DOCUMENTS. IF NO DETAIL IS PROVIDED, ASK THE ARCHITECT FOR DIRECTION OR INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS USING GOOD STANDARD INDUSTRY PRACTICE.

ROOM FINISH SCHEDULE — FIRST FLOOR

ROOM NO.	NAME	FLOOR	BASE	WALLS N	WALLS S	WALLS E	WALLS W	WAINS	CEILING TYPE	HEIGHT	NOTES
1st flr.											
100	MAIN ENTRANCE	CONC	----	-	-	-	-	----	EIFS/MSP	VARIES	SEE CROSS SECTIONS, SHEET A5.1, & STRUCT. SHEETS
101	VESTIBULE	PT	RB 2	P1	P1	P1	P1	----	ACOUS 2	12'-0"	
102	BOOK DROP	PT	RB 1	P1	B/EW	P1	P1	----	ACOUS 1	9'-0"	
103	LOBBY	PT	RB 2	P1/EW	P1/EW	P1/EW	P1/EW	----	EC	14'-2"±	
104	REFERENCE OFFICE	CP 2	RB 1	EW	P1/EW	EW	P2	----	ACOUS 1	9'-0"	NORTH WALL PAINTED COLOR 2
105	REF./CIRCULATION DESK	CP 1	RB 1	-	-	-	-	----	ACOUS 1	12'-0"	BLACK CEILING TILE AND GRID ON A 45° ANGLE IN FURR-DOWN
106	PRINTER STATION	PT	RB 1	-	-	-	-	----	EC	14'-2"±	
107	REFERENCES	PT	RB 2	P1/EW	P1/EW	-	EW	----	EC	14'-2"±	
108	PERIODICIAL'S	CP 2	EWB	EW	EW	EW	EW	----	ACOUS 1	11'-0"	
109	MEETING ROOM	CP 3c	EWB	EW	EW	EW	EW	----	EC	11'-0"±	SOUTH WALL PAINT COLOR 2
110	MEETING ROOM	CP 2	EWB	EW	EW	EW	EW	----	EC	11'-0"±	EAST WALL PAINT COLOR 2
111	CONFERENCE ROOM	CP 1	EWB	EW	EW	EW	EW	----	EC	11'-0"±	WEST WALL PAINT COLOR 2
112	MECH. & MAINTENANCE	ECS	----	EW	EW	EW	EW	----	ES	----	
113	STAIR	EMS	EMS	EW	EW	EW	EW	----	EC	VARIES	SEE SHEET A4.4
114	EXIT CORRIDOR	LVT1	RB 1	P1	EW	P1	EW	----	ACOUS 1	9'-0"	
115	RISER ROOM	all floor & wall finishes shall remain for this area							ES	----	
116	STORAGE	LVT1	RB 1	P1	P1	P1	EW	----	EC	9'-0"±	
117	STORAGE	LVT1	RB 1	P1	P1	P1	P1	----	ACOUS 1	9'-0"	
118	MEETING ROOM	LVT1	RB 2	P1	P1	P2	P2	----	ACOUS 1	12'-0"	
119	MEETING ROOM	LVT1	RB 2	P1	P1	P2	P2	----	ACOUS 1	12'-0"	
120	KITCHENETTE	LVT1	RB 1	P1	P1	P2	P1	----	ACOUS 1	9'-0"	
121	MEN'S RESTROOM	PT	PB	T	T	T	T	W1	ACOUS 2	9'-0"	WALLS ABOVE WAINSCOT PAINTED COLOR 2
122	WOMEN'S RESTROOM	PT	PB	T	T	T	T	W1	ACOUS 2	9'-0"	WALLS ABOVE WAINSCOT PAINTED COLOR 2
123	FAMILY RESTROOM	PT	PB	T	T	T	T	W1	ACOUS 2	9'-0"	WALLS ABOVE WAINSCOT PAINTED COLOR 2
124	CORRIDOR	PT	RB 2	P1	P1	P1	P1	----	ACOUS 1	10'-0"	
125	MEETING ROOM	CP 2	RB 1	EW	EW	EW	EW	----	EC	9'-0"±	NORTH WALL PAINTED COLOR 3
126	STUDY ROOM	LVT1	RB 1	P1	EW	P2	EW	----	ACOUS 1	9'-0"	
127	STUDY ROOM	LVT1	RB 1	EW	P1	P1	EW	----	ACOUS 1	9'-0"	WEST WALL PAINTED COLOR 2
128	STUDY ROOM	LVT1	RB 1	EW	P1	EW	P1	----	ACOUS 1	9'-0"	EAST WALL PAINTED COLOR 2
129	STUDY ROOM	LVT1	RB 1	P1	EW	EW	P2	----	ACOUS 1	9'-0"	
130	BRANCH MANAGER'S OFFICE	CP 2	RB 1	EW	EW	P1	EW	----	ACOUS 1	9'-0"	WEST WALL PAINTED COLOR 2
131	MEETING ROOM	CP 2	RB 1	EW	P1	P1	P3	----	ACOUS 1	9'-0"	
132	LARGE PRINT	CP 2/PT	RB 2	P1/EW	P1/EW	P1/EW	P1/EW	----	EC	14'-2"±	SEE SHEET FL1.1
133	FICTION	CP 2/PT	RB 2	P1/EW	P1/EW	P1/EW	P1/EW	----	EC	14'-2"±	SEE SHEET FL1.1
134	THIS AREA DELETED FROM PROJECT										
135	DATA ROOM	CP 2	RB 2	EW	EW	EW	EW	----	EC	14'-2"±	
136	NON-FICTION	CP 2	RB 2	P1/EW	P1/EW	P1/EW	P1/EW	----	EC	14'-2"±	
137	COMPUTERS	CP 2	RB 2	P1/EW	P1/EW	P1/EW	P1/EW	----	EC	14'-2"±	
138	ADM. OFFICES	LVT1	RB 1	P1	P1	P1	P1	----	EC	9'-0"±	
139	DIRECTOR'S OFFICE	CP 1	RB 2	P1	P1	P2	P1	----	EC	9'-0"±	EAST WALL PAINTED COLOR 2
140	ASST. DIRECTOR'S OFFICE	CP 1	RB 1	P1/EW	EW	EW	P1	----	ACOUS 1	9'-0"	SOUTH WALL PAINTED COLOR 2
141	OPERATIONS COORDINATOR	CP 3b	RB 1	EW	EW	EW	EW	----	EC	9'-0"±	SOUTH WALL PAINTED COLOR 2
142	AUDIO - VIDEO	CP 2	RB 2	P1/EW	P1	P1/EW	P1	----	EC	9'-0"±	
143	CORRIDOR	LVT1	RB 1	P1	P1/EW	P1	P1	----	EC	9'-0"±	
144	HR OFFICE	CP 3b	RB 1	EW	EW	EW	EW	----	EC	9'-0"±	SOUTH WALL PAINTED COLOR 2
145	FILE ROOM	LVT1	RB 1	EW	EW	EW	EW	----	EC	9'-0"±	
146	CORRIDOR	PT	RB 2	-	EW	P1/EW	P1/EW	----	EC	9'-0"±	
147	CORRIDOR	LVT1	RB 2	P1	P1	P1	-	----	ACOUS 1	12'-0"	
148	CORRIDOR	LVT1	RB 2	P1	P1	P1	P1	----	ACOUS 1	12'-0"	
149	YOUNG ADULT'S	LVT1,2,3	RB 2	P2	P1	P1	P1	----	ACOUS 1	12'/10'	SEE SHEETS FL1.1 & RC1.1
150	RESTROOM	PT	PB	T	T	T	T	W1	ACOUS 2	9'-0"	WALLS ABOVE WAINSCOT PAINTED COLOR 2
150a	STORAGE	PT	RB 1	P1	P1	P1	P1	----	ACOUS 1	9'-0"	
151	MEETING ROOM	CP 1	RB 1	P3	P1	P1	P1	----	ACOUS 1	10'-0"	
152	STORAGE	LVT1	RB 1	P1	P1	P1	P1	----	ACOUS 1	9'-0"	
153	CREATIVE WORKSHOP	LVT2	RB 2	P2	P1	P1	P1	----	ACOUS 1	12'-0"	
153b	STORAGE	LVT2	RB 1	P1	P1	P1	P1	----	ACOUS 1	9'-0"	
154	COVERED OUTDOOR SPACE	TC	----	WP	WP	WP	WP	----	ACOUS 2	14'-0"	BLACK CEILING TILE AND GRID
155	PODCAST STUDIO	CP 1	RB 1	P1	P1	P1	P1	----	ACOUS 4	12'-0"	BLACK CEILING TILE AND GRID ON A 45° ANGLE
156	CHILDREN	CP2/LVT1,2	RB 1	P2	P1	P1	P1	----	ACOUS 1	12'-0"	SEE SHEETS FL1.1 & RC1.1
157	RESTROOM	PT	PB	T	T	T	T	W1	ACOUS 2	9'-0"	WALLS ABOVE WAINSCOT PAINTED COLOR 2
158	STORAGE	LVT1	RB 1	P1	P1	P1	P1	----	ACOUS 1	9'-0"	
159	MEETING ROOM	CP 2	RB 1	EW	P1	EW	P1	----	ACOUS 1	9'-0"	EAST WALL PAINTED COLOR 3
160	I.L.L. OFFICE	CP 1	RB 1	EW	EW	EW	EW	----	EC	9'-0"±	
161	FRIENDS OF LIBRARY OFFICE	CP 1	RB 1	EW	EW	EW	EW	----	EC	9'-0"±	
162	COMM. DIR. OFFICE	CP 1	RB 1	EW	EW	EW	EW	----	EC	9'-0"±	
163	GRAPHIC ART OFFICE	LVT1	RB 1	EW	EW	EW	EW	----	ACOUS 1	9'-0"	
164	STORAGE	LVT1	RB 1	EW	P1	EW	EW	----	EC	14'-2"±	
165	BOOK MOBILE OFFICE	LVT1	RB 1	P1/EW	P1	EW	P1	----	*ACOUS 1	9'-0"	
166	CORRIDOR	LVT1	RB 1	EW	P1	P1	P1	----	*ACOUS 1	9'-0"	
167	CORRIDOR	LVT1	RB 1	EW	P1	P1	----	----	*ACOUS 1	9'-0"	
168	GENEALOGY	CP 1	RB 2	P1	P1	P1	P1	----	*ACOUS 1	12'-0"	
169	OFFICE	CP 1	RB 1	P2	P1	P1	P1	----	*ACOUS 1	9'-0"	NORTH WALL PAINTED COLOR 2
170	SPECIAL COLLECTIONS	LVT1	RB 2	P1	P1	P1	P1	----	*ACOUS 1	12'-0"	
171	OFFICE	CP 1	RB 1	P1	P1	P1	P1	----	*ACOUS 1	9'-0"	
172	CLIMATE CONTROL STORAGE	LVT1	RB 1	P1	P1	P1	P1	----	*ACOUS 1	10'-0"	FRC CEILING ASSEMBLY ABOVE ACOUSTIC CEILING
173	STORAGE	LVT1	RB 1	P1	P1	P1	P1	----	ACOUS 1	9'-0"	
174	CORRIDOR	LVT1	RB 1	----	----	P1	P1	----	*ACOUS 1	9'-0"	
175	LAP TOP STORAGE	LVT1	RB 1	P1	P1	P1	P1	----	*ACOUS 1	9'-0"	
176	COMPUTER CLASS	CP 3a	RB 2	P1	P1	P2	P1	----	*ACOUS 4	12'-0"	BLACK CEILING TILE AND GRID ON A 45° ANGLE
177	TECH SERVICES OFFICE	LVT 2	RB 1	P1	P1/EW	P1	P1	----	*ACOUS 1	9'-0"	
178	TECH SER. DIR. OFFICE	CP 3b	RB 1	P1	P1	P1	P1	----	ACOUS 1	9'-0"	SOUTH WALL PAINTED COLOR 2
179	CORRIDOR	LVT-1	RB 1	----	----	EW	P1	----	*ACOUS 1	9'-0"	
180	MEETING ROOM	etr	EWB	EW	EW	EW	EW	----	EC	11'-0"±	NORTH WALL PAINTED COLOR 2
181	JANITOR'S CLOSET	PT	PB	FP	EW	FP	FP	----	ACOUS 2	9'-0"	SOUTH WALL PAINTED COLOR 2
182	HALL	etr	EWB	----	EW	EW	EW	----	GYP	etr	GYP-PRIME & PAINT EXISTING GYP. BD. CEILING PER 09 90 00
183	BREAK ROOM	LVT1	RB 1	EG	P1/EW	EG	P1/EW	----	ACOUS 1	9'-0"	
184	STORAGE	LVT1	RB 1	EW	EW	EW	P1	----	ACOUS 1	9'-0"	
185	CORRIDOR	LVT1	RB 1	P1	P1/EW	P1	P1/EW	----	ACOUS 1	9'-0"	
186	ELEVATOR	LVT1	see division 14 for extent of remaining elevator finishes								FLOORING BY DIVISION 9
187	STORAGE	LVT1	RB 1	P1	EW	EW	P1/EW	----	ACOUS 1	9'-0"	
188	MEN'S RESTROOM	all finishes shall remain for this area									
189	WOMEN'S RESTROOM	all finishes shall remain for this area									
190	CORRIDOR	LVT1	RB 1	EW	P1	P1	----	----	ACOUS 1	9'-0"	
191	VENDING	LVT1	RB 1	P1	EW	EW	P1	----	ACOUS 1	9'-0"	
192	CORRIDOR	LVT1	RB 1	EW	P1	P1	----	----	*ACOUS 1	9'-0"	
193	STAIR	EMS	EMS	EW	EW	EW	EW	----	EC	VARIES	SEE SHEET A4.4

NOTE: CEILING HEIGHTS LISTED IN ROOM FINISH SCHEDULE IS THE MIN. CEILING HEIGHT PREFERRED BUT LESS IS ACCEPTABLE WHERE APPROVED BY ARCHITECT IF INTERFERENCE OR CONFLICT OCCURS WITH THE EXISTING BAR JOISTS, BEAMS, BUILDING STRUCTURE, OR ANY M.E.P. ITEMS. (COORDINATE ALL SCHEDULED UTILITIES THAT RUN ABOVE CEILING TO MAINTAIN THE MIN. CEILING HEIGHTS LISTED IN SCHEDULE ABOVE.)

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

APPLIANCE SCHEDULE

PROVIDED BY SECTION 11 31 00

REFRIGERATOR
MK. refg.
Model#: GIE19JSN
GE ENERGY STAR
19.2 Cu. Ft.
ada COMPLIANT
Top-Freezer
Refrigerator OR EQUAL
(Include optional factory installed ice maker kit.)

MICROWAVE
MK. mw.
Model#: G.E. PEB7226S
GE ENERGY STAR
ada COMPLIANT
COUNTER-TOP MICROWAVE OR EQUAL

UNDER-COUNTER REFG.
MK. UCR.
Model#: SUMMIT AL54
BUILT-IN
ada COMPLIANT UNDER- COUNTER REFRIGERATOR OR EQUAL

- ALL APPLIANCES SHALL COME PRE-WIRED WITH APPROPRIATE RECEPTACLE TYPE PLUG-IN.
- SEE SECTION 01 33 00 IN SPECIFICATIONS FOR SUBMITTAL DATA REQUIREMENTS.
- SEE M.E.P. SHEETS FOR UTILITY REQUIREMENTS.

ROOM FINISH SCHEDULE — SECOND FLOOR

ROOM NO.	NAME	FLOOR	BASE	WALLS N	WALLS S	WALLS E	WALLS W	WAINS	CEILING TYPE	HEIGHT	NOTES
200	LOBBY	LVT-1	RB 1	P1/EW	P1	P1/EW	P1	----	ACOUS 1	8'-0"	
201	ELEVATOR	LVT-1	see division 14 for extent of remaining elevator finishes								FLOORING BY DIVISION 9
202	STAIR	EMS	EMS	EW	EW	EW	EW	----	EC	VARIES	
203	CORRIDOR	LVT-1	RB 1	P1/EW	P1/EW	----	EW	----	ACOUS 1	8'-0"	
204	HOT WATER CLOSET	all floor & wall finishes shall remain for this area							----	----	
205	MECH.	all floor & wall finishes shall remain for this area							----	----	
206	ELEVATOR EQUIP. ROOM	LVT-1	RB 1	P1	EW	P1	P1	----	EC	7'-8"±	
207	STORAGE	LVT-1	RB 1	EW	P1	EW	EW	----	EC	7'-8"±	
208	JANITOR'S CLOSET	LVT-1	RB 1	FP	EW	FP	FP	----	ACOUS 2	8'-0"	
209	WOMEN'S RESTROOM	PT	PB	T	T	T	T	W1	ACOUS 2	8'-0"	
210	MEN'S RESTROOM	PT	PB	T	T	T	T	W1	ACOUS 2	8'-0"	
211	MECHANICAL	ECS	RB 1	EW	P1	P1	P1	----	ES	----	
212	BUSINESS OFFICE	CP 1	RB 1	P1	EW	P1	P1	----	ACOUS 1	8'-0"	
213	MAINTENANCE	ECS	RB 1	P1/EW	P1	P1	P1	----	ES	----	
214	I.T. OFFICE	CP 3a	RB 1	P1	EW	P1	P1	----	ACOUS 1	8'-0"	
215	I.T. DIRECTOR'S OFFICE	CP 3c	RB 1	P1	EW	P1	P1	----	ACOUS 1	8'-0"	
216	STORAGE	LVT-1	RB 1	EW	P1	P1	EW	----	ES	----	
217	MEETING ROOM	CP 1	RB 1	EW	EW	EW	P1	----	ACOUS 1	8'-0"	
218	BREAK ROOM	etr	etr	P1	EW	EW	P1/EW	----	EC	7'-4"±	
219	FLEX SPACE	etr	etr	EW	EW	P1	EW	----	ES	----	
220	FLEX SPACE	etr	etr	EW	EW	EW	EW	----	etr	etr	
221	I.T. REPAIR	etr	etr	EW	EW	EW	EW	----	etr	etr	
222	IT. STORAGE	etr	etr	EW	EW	EW	EW	----	etr	etr	
223	STAIR	EMS	EMS	EW	EW	EW	EW	----	EC	VARIES	SEE SHEET A4.4

NOTE: CEILING HEIGHTS LISTED IN ROOM FINISH SCHEDULE IS THE MIN. CEILING HEIGHT PREFERRED BUT LESS IS ACCEPTABLE WHERE APPROVED BY ARCHITECT IF INTERFERENCE OR CONFLICT OCCURS WITH THE EXISTING BAR JOISTS, BEAMS, BUILDING STRUCTURE, OR ANY M.E.P. ITEMS. (COORDINATE ALL SCHEDULED UTILITIES THAT RUN ABOVE CEILING TO MAINTAIN THE MIN. CEILING HEIGHTS LISTED IN SCHEDULE ABOVE.)

ROOM FINISH SCHEDULE NOTES

- THESE NOTES APPLY TO ALL ROOM FINISH SCHEDULES THIS PROJECT
- REFER TO ELECTRICAL SHEETS FOR REFLECTED CEILING PLANS
- ALL FINISHES SHALL BE CLASS "A" WITH FLAME SPREAD 0-25, & SMOKE DEVELOPMENT 0-450.
- ALL FLOOR FINISHES SHALL BE SLIP RESISTANT & COMPLY W/ada ACCESSIBILITY STANDARDS

---- NONE OR NOT APPLICABLE.

etr EXISTING CONST./FINISHES SHALL REMAIN.

CONC NON-SLIP BROOM FINISH ON NEW CONCRETE SLAB.

ECS EXISTING CONCRETE SLAB TO REMAIN, CONCRETE SLAB SHALL BE THOROUGHLY CLEANED OF ALL REMAINING GROUT/ ADHESIVE FROM PREVIOUS FLOOR FINISHES THAT WERE REMOVED FROM THIS AREA & REPAIR EXISTING SLAB WITH NEW NON-SHRINK HIGH STRENGTH GROUT ALL GASHES/BROKEN AREAS OF SLAB WHERE DAMAGED DUE TO PREVIOUS DEMOLITION WORK.

EMS AT STAIR INDICATED, REMOVE ALL BLACK RUBBER TREADS FROM EXISTING STAIR ASSEMBLY. CLEAN, PRIME, AND PAINT ALL EXISTING METAL COMPONENTS,TREADS, RISERS, AND STRINGERS PER SECTION 09 90 00 OF SPECIFICATIONS. PROVIDE 2" WIDE BRIGHT YELLOW SLIP RESISTANT STRIP AT EGE OF EACH TREAD.(USE NON-SLIP/ABRASIVE PAINT ON ALL TREADS)

PT PORCELAIN TILE FLOORING BY SECTION 09 30 13. TILE FINISH & SIZE VARIES PER AREA, SEE SHEET FL1.1

LVT1, LVT2, LVT3 LUXURY VINYL TILE FLOORING BY SECTION 09 65 15. TILE FINISH & SIZE VARIES PER AREA, SEE SHEET FL1.1

CP 1, CP 2, CP 3 CARPET TILE FLOORING BY SECTION 09 68 13. PATTERNS, COLORS, & SIZE VARY PER AREA, SEE SPECS. & SHEET FL1.1

TC ARTIFICIAL TURF CARPETING BY SECTION 09 68 10

RB 1 4" HIGH RESILIENT WALL BASE BY SECTION 09 65 13

RB 2 6" HIGH RESILIENT WALL BASE BY SECTION 09 65 13

PB 6"X12" PORCELAIN TILE COVE BASE BY SECTION 09 30 13

EWB EXISTING WOOD BASE TO BE REPAIRED WHERE DAMAGED. SAND & RE-FINISH WITH NEW STAIN FINISH PER SECTION 09 90 00.

P1, P2, P3 5/8" GYPSUM BOARD BY SECTION 09 21 16 IN SPECIFICATIONS TAPE, FLOAT, AND PAINT GYPSUM BOARD BY SECTION 09 90 00. NUMBERS INDICATE PAINT COLOR FOR WALLS.

EW PAINT ALL EXISTING CONC.,PLASTER, OR DRYWALL AT WALLS INDICATED. PATCH,REPAIR, & PREP THESE WALLS PRIOR TO PAINTING OF WALLS BY SECTION 09 90 00. (INCLUDES PAINTING ALL EXPOSED PIPING, CONDUIT, AND J.B.WHERE PRESENT IN THESE AREAS). FIELD VERIFY EXISTING MATERIALS & CONDITIONS.

EG EXISTING TAPED GYPSUM BOARD WALLS AT AREAS INDICATED SHALL BE FLOATED, PREPPED AND FINISHED TO RECEIVE NEW PAINT BY SECTION 09 90 00.

WP PRE-FINISHED CONCEALED FASTENER METAL WALL PANELS BY DIV.13 SECURED TO CMU OR NEW METAL STUD WALL FRAMING.

B EXISTING FACE BRICK INDICATED SHALL BE THOROUGHLY WASHED & CLEANED, APPLY NEW PRIMER & (2) COATS OF NEW PAINT OVER EXISTING FACE BRICK BY SECTION 09 90 00.

T 12" X 24" PORCELAIN WALL TILE BY SECTION 09 30 13 OVER 5/8" TILE BACKER-BOARD SUBSTRATE BY SECTION 09 21 16

<u>SEE SHEET FL1.1 FOR AREAS THAT ARE TO RECEIVE MULTIPLE TYPES OF FLOORING OR FLOORING PATTERNS</u>**

<u>AREA 155 SHALL HAVE ACOUSTIC WALL PANELS BY SECTION 09 84 00, SEE FLOOR PLAN ON SHEET A1.1 AND INTERIOR ELEVATIONS ON SHEET A4.2.</u>

INTERIOR PAINTING NOTE:

TYPICAL FOR ALL INTERIOR AREAS SCHEDULED TO RECIEVE PAINTED WALLS - PAINT ALL WALLS OF ROOM INDICATED INCLUDING ALL EXISTING SURFACES THAT ALREADY HAVE A PAINTED FINISH SUCH AS EXPOSED CONDUIT, JUNCTION BOXES, COAT RACKS, CABINETS (EXTERIOR SURFACE ONLY) SHELVING, DOOR SLAB, DOOR FRAME, DOOR TRIM, BASE BOARDS, WINDOW TRIM, ETC.... EXISTING STAINED WOOD FINISH ITEMS SUCH AS DOOR SLABS, TRIM, SHELVING, ETC SHALL REMAIN AS IS WITH EXISTING FINISH. SEE SECTION 09 90 00 IN SPECIFICATIONS FOR MORE INFORMATION. SITE VERIFY EXISTING CONDITIONS SUCH AS CABINETS OR SHELVING THAT ARE GENERICALLY SHOWN ON PLANS AND INCLUDE ALL COSTS IN BID.

FP 4'x8' FRP WALL BOARD PANELS BY SECTION 09 77 00 OVER 5/8" MOLD & MOISTURE RESISTANT GYPSUM BOARD SUBSTRATE BY SECTION 09 21 16 IN SPECS.

W1 PORCELAIN WALL TILE WAINSCOT TO 6'-6" HEIGHT WITH PAINTED MOISTURE RESISTANT GYPSUM BOARD ABOVE TILE WAINSCOT, RE: SHEETS A9.1,A9.2 & SECTIONS 09 30 13/ 09 90 00 IN SPECIFICATIONS.

ACOUS1, ACOUS2, ACOUS3, ACOUS4 SUSPENDED ACOUSTIC CEILING TILE AND GRID, SEE CEILING TYPES LISTED IN SECTION 09 51 13 OF SPECIFICATIONS FOR CEILING TYPE DEFINITIONS. (PROVIDE UN-FACED FIBERGLASS BATT INSULATION BY SECTION 07 21 00 OVER ALL SUSPENDED ACOUSTIC CEILING TILE)

* ALL ACOUSTIC CEILING TILE IN UPPER EXISTING SUSPENDED CEILING GRID SYSTEM AT 14'-2" aff SHALL BE REMOVED, EXISTING SUSPENDED GRID SYSTEM SHALL REMAIN IN PLACE. PROVIDE NEW SUSPENDED ACOUSTIC CEILING TILE AND GRID SYSTEM BELOW AT HEIGHT AS SHOWN ON PLANS, NEW GRID SYSTEM SHALL BE SECURED TO EXISTING METAL DECK ABOVE. SEE CEILING TYPES LISTED IN SECTION 09 51 13 OF SPECIFICATIONS FOR CEILING TYPE DEFINITIONS. (PROVIDE NEW UN-FACED FIBERGLASS BATT INSULATION BY SECTION 07 21 00 OVER ALL NEW SUSPENDED ACOUSTIC CEILING TILES.)

EC EXISTING ACOUSTIC CEILING TILE TO BE REMOVED FROM SUSPENDED GRID SYSTEM AND REPLACED WITH NEW ACOUSTIC CEILING TYPE 3 BY SECTION 09 51 13 INSTALLED IN EXISTING GRID. ALL EXISTING SUSPENDED CEILING GRID INCLUDING PERIMETER ANGLES AT WALL SHALL BE REPAIRED WHERE DAMAGED & THOROUGHLY CLEANED. (PROVIDE NEW UN-FACED FIBERGLASS BATT INSULATION BY SECTION 07 21 00 OVER ALL NEW SUSPENDED ACOUSTIC CEILING TILE)

FRC 2 HOUR RATED CEILING ASSEMBLY PER DETAIL *D/A5.6*. SEE PARTITION PLAN ON SHEET A6.1

EIFS SUSPENDED E.I.F.S. CEILING SYSTEM, SEE CROSS SECTIONS, DETAILS ON SHEET A5.1, & SECTION 07 24 00 IN SPECS.

MSP PRE-FINISHED NON-PERFORATED METAL SOFFIT PANELS BY M.B.M. SECURED TO METAL PURLINS.

ES ALL BAR JOISTS, STRUCT. MEMBERS, METAL DECKING, INSUL. ,CONDUIT,PIPING ETC. WHERE EXPOSED TO VIEW SHALL BE CLEANED, PRIMED & PAINTED PER SECTION 09 90 00.

PLAN LEGEND

<u>EXISTING EXTERIOR WALLS</u> - CONSISTING OF FACE BRICK, AIR SPACE, & CMU WALL. THESE WALLS SHALL REMAIN. (INTERIOR ROOM SIDE OF CMU TO BE PATCHED/REPAIRED AND RECEIVE NEW BLOCK-FILLER/PAINT BY SECTION 09 90 00)

<u>EXISTING INTERIOR WALLS</u> - INTERIOR PARTITIONS CONSISTING OF EITHER EXISTING METAL/WOOD STUDS AT 16" O.C. WITH PLASTER/DRYWALL FINISH ON EACH SIDE OF WALL STUDS OR EXISTING WALL FURRING OVER CMU. SEE ROOM FINISH SCHEDULE FOR EXTENT OF WALLS THAT ARE TO BE PATCHED/REPAIRED AND PREPPED TO RECEIVE NEW PAINT BY SECTION 09 90 00.

<u>NEW INTERIOR WALLS</u> - CONSISTING OF 5/8"GYPSUM BOARD BY SECTION 09 21 16 SECURED TO EACH SIDE OF METAL STUDS AT 16" O.C. (TAPE, FLOAT, AND PAINT ALL GYPSUM BOARD WALLS BY SECTION 09 90 00). SEE PARTITION PLAN ON SHEET A6.1 FOR STUD THICKNESS & CONST. OF NEW INT. PARTITIONS.

<u>NEW INTERIOR FIRE BARRIER</u> - FIRE BARRIER RATING VARIES PER AREA - 1 OR 2 HOUR INTERIOR FIRE BARRIER TO BOTTOM OF EXISTING FLOOR SLAB/ROOF DECK. SEAL ALL PENETRATIONS/ VOIDS WITH AN U.L. APPROVED FIRE SEALANT/STOPPING SYSTEM WITH APPROPRIATE RATING TO MATCH FIRE BARRIER . SEE DETAILS ON SHEETS A5.5, A5.6, & PARTITION PLANS ON SHEET A6.1 FOR RATING OF WALLS.

<u>EXISTING EXTERIOR WALLS</u> - CONSISTING OF FACE BRICK, AIR SPACE, CMU WALL, & WALL FURRING. THESE WALLS SHALL REMAIN. (EXISTING DRYWALL ON FURRED CMU TO BE PATCHED/REPAIRED AND RECEIVE NEW BLOCK-FILLER/PAINT BY SECTION 09 90 00)

PLAN REFERENCE NOTES

1. APPROX. 36" wide X 14" deep FURRING CHASE TO FULLY CONCEAL EXPOSED VENT PIPING AND WATER LINES ON THIS WALL, VERIFY SIZE REQUIRED. FURRING TO BE CONSTRUCTED OF PAINTED 5/8" GYP. BOARD SECURED TO 2 1/2" 20 GA.METAL STUDS. (STUDS AND GYP. BOARD BY SECTION 09 21 16. TAPE,FLOAT, & PAINTING OF GYP. BD.BY SECTION 09 90 00.)
2. EXISTING LARGE/OVERSIZED MURAL/MAP TO BE INSTALLED AT WALL SHOWN BY G.C. , OWNER WILL PROVIDE MAP/MURAL. (VERIFY SIZE & LOCATION ON WALL TO BE MOUNTED WITH OWNER PRIOR TO INSTALLATION.)
3. TYPICAL FOR INTERIOR SIDE OF ALL EXISTING NORTH,EAST, AND WEST EXTERIOR WALLS ON 1ST FLOOR REFERENCED BY THIS NOTE : SECURE (1) NEW LAYER OF 5/8" TYPE "X" GYPSUM BOARD BY SECTION 09 21 16 SECURED TO 2 X 4 STUDS TURNED FLAT AT 16" O.C. SECURED TO EXISTING CMU . SITE VERIFY EXISTING CONDITIONS & PATCH ALL DAMAGED CMU. (TAPE,FLOAT, AND PAINTING OF GYP. BD. BY SECTION 09 90 00)

C EXISTING COLUMNS SHALL BE REPAIRED & PAINTED. TYP. FOR ALL EXISTING FURRED COLUMNS IN BLDG., SEE DETAIL *M/A4.3.* SITE VERIFY EXIST.CONDITIONS PRIOR TO BIDS.

C (triangle) PLASTIC LAMINATE CASEWORK BY SECTION 06 41 00. SEE FLOOR PLANS, SHEETS A4.2, A4.3, A8.1, & SPECIFICATIONS.

LL NEW LEVEL CONC. LANDING AT LOCATIONS INDICATED. SEE DETAIL *E/SP2.1*

ELL EXISTING LEVEL LANDING SHALL REMAIN.

PB NEW PIPE BOLLARD PER DETAIL *H/SP2.1*

rfg., mw, etc.. ada COMPLIANT RESIDENTIAL TYPE KITCHEN APPLIANCES BY SECTION 11 31 00 - REFRIGERATOR, MICROWAVE, ETC. SEE APPLIANCE SCHEDULE THIS SHEET, INT. ELEV. ON SHEETS A4.2/A4.3, & SPECS. (SEE M.E.P. SHEETS FOR UTILITY REQUIREMENTS.)

tb, mb 4'h TACK BOARD AS SPECIFIED, RE: SECTION 10 11 00 IN SPECS. LENGTHS INDICATED ON FLOOR PLAN. MOUNT BOARDS AT 54" A.F.F. MAX. TO CENTER OF BOARD FOR ADA ACCESSIBILITY.) VERIFY LOCATIONS SHOWN ON FLOOR PLAN WITH OWNER PRIOR TO FINAL INSTALLATION.

F.D.-1 THRU F.D.-3 GYPSUM BOARD FURR-DOWNS AT CEILING TRANSITIONS. SEE FURR-DOWN TYPES MARKED ON FLOOR PLANS & DETAILS ON SHEETS A5.3 & A5.4.

FS, IDM FLAT SCREEN LED DISPLAYS/INFORMATIONAL DISPLAY MONTOR TO BE PROVIDED BY OWNER AND INSTALLED BY THE G.C. GENERAL CONTRACTOR SHALL PROVIDE SOLID BLOCKING IN THESE WALLS FOR SECURE ATTACHMENT OF ALL REQUIRED MOUNTING HARDWARE & REFER TO ENGINEER'S ELEC. SHEETS FOR POWER/DATA REQUIREMENTS THAT ARE TO BE PROVIDED. (G.C. SHALL VERIFY LOCATIONS SHOWN ON PLANS WITH OWNER PRIOR TO INSTALLATION OF ANY WALL BLOCKING OR ROUGH-IN FOR POWER/DATA.)

EPS ELECTRICALLY OPERATED CEILING MOUNT PROJECTION SCREEN TO BE PROVIDED BY SECTION 11 52 13. SEE DETAIL *E/A4.6* FOR INSTALLATION OF SCREEN. REFER TO ENGINEER'S ELEC. SHEETS FOR POWER/DATA REQUIREMENTS THAT ARE TO BE PROVIDED. (G.C. SHALL VERIFY LOCATIONS SHOWN ON PLANS WITH OWNER PRIOR TO INSTALLATION & ANY ROUGH-IN FOR POWER/DATA.)

t.c. TIME CLOCKS TO BE PROVIDED AND INSTALLED BY OWNER. G.C. TO PROVIDE RECEPTACLE BY DIV.26 FOR EACH CLOCK MOUNTED AT 36" a.f.f. IN AREAS 102,181, & 218. (SEE ENGINEER'S ELEC. SHEETS FOR POWER/DATA REQUIREMENTS.)

GENERAL NOTES

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL WORK INDICATED ON THE PLANS & SHALL ADVISE ALL SUB-CONTRACTOR'S TO REVIEW ALL PAGES & SHEETS OF THE BID DOCUMENTS, AS THERE IS WORK BY MULTIPLE TRADES INDICATED ON MANY PAGES AND/OR SHEETS. *<u>FAILURE OF THE SUB-CONTRACTOR(S) TO INCLUDE ANY WORK INDICATED SHALL NOT RELIEVE THE GENERAL CONTRACTOR OF THE RESPONSIBILITY TO PROVIDE SAID WORK.</u>*
- VERIFY ALL DISCREPANCIES BETWEEN THE PLAN(S) AND OTHER DETAILS WITH THE ARCHITECT PRIOR TO BEGINNING CONST. VERIFY ALL CONFLICTING CONDITIONS AND DIMENSIONS PRIOR TO BIDDING AND NOTIFY ARCHITECT. REFER TO ALL OTHER SHEETS FOR ADDITIONAL DIMENSIONS WHICH MAY NOT BE INDICATED ON SHEETS A1.1 & A1.2
- SHEETS A1.1 & A1.2 SHALL GOVERN OVER OTHER PLANS AS REF. FOR DOOR SWINGS, DIMENSIONS, OPENING LOCATIONS, SIZES, ROOM FINISHES, EQUIPMENT QUANTITIES, ETC...
- VERIFY THE DIMENSIONS OF ALL EQUIPMENT, SPECIALTY ITEMS, ETC... PRIOR TO ROUGH-IN CONSTRUCTION. SITE VERIFY DIMENSIONS OF ALL OPENINGS AND CLEARANCES PRIOR TO ORDERING OR FABRICATION OF PRODUCTS OR EQUIPMENT.
- PROVIDE ACOUSTICAL SOUND BATT INSULATION BY DIVISION 7 IN ALL WALLS AT ALL MEETING ROOMS, POD CAST STUDIO, TOILET ROOMS, AND MECHANICAL ROOMS. (SEE PARTITION PLAN ON SHEET A6.1.)
- PROVIDE EXPANSION CONTROL JOINTS IN NEW GYPSUM BD. ABOVE ALL DOORS & AT A MAX. SPACING OF 25 ft.O.C., UNLESS SPECIFICALLY NOTED OTHERWISE. *<u>VERIFY EXACT LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.</u>*
- PROVIDE PLY-WOOD BETWEEN METAL STUDS IN ALL STUD WALLS SHOWN TO RECEIVE ANY WALL MOUNTED EQUIPMENT FOR SECURE/RIGID ATTACHMENT OF THIS EQUIPMENT. SEE DETAIL *C/A5.4*
- REFER TO SHEET A6.1 FOR PARTITION PLAN.
- DESIGN INTENT IS FOR ALL NEW CONCRETE & FINISH GRADE SURFACES TO SLOPE AWAY FROM THE EXISTING BUILDING FINISH FLOOR ELEVATION. ADJUST GRADES AS NECESSARY FOR POSITIVE DRAINAGE AWAY FROM ALL ENTRANCES & BUILDING.
- <u>TYPICAL FOR EXISTING INTERIOR CONCRETE SLAB IN ALL AREAS ON 1ST AND 2ND FLOORS:</u> FILL EXISTING GASHES, CUTS, BROKEN PIECES,AND ANY OTHER DAMAGE IN EXISTING SLAB WITH PRODUCT AS RECOMMENDED BY FLOORING MANUF. SUCH AS SELF-LEVELING UNDER-LAYMENT BY "MAPEI" OR "SIKA". EXISTING SLAB SHALL BE THOROUGHLY CLEANED, ALL REMAINING GROUT/ ADHESIVE FROM PREVIOUS FLOOR FINISHES SHALL BE REMOVED & PROPERLY PREPARE EXISTING SLAB TO RECEIVE NEW FLOORING FINISHES INDICATED IN ROOM FINISH SCHEDULE. SEE DIVISION 9 IN SPECS.
- DIMENSIONS INDICATED AT PLUMBING OR UTILITY FUR-OUTS SHALL BE ADJUSTED AS REQUIRED TO PROVIDE ADEQUATE ROOM TO FULLY CONCEAL M.E.P. ITEMS, VERIFY REQUIRED WIDTH WITH MECH. OR ELEC. CONTRACTOR PRIOR TO ROUGH IN OF FRAMING FOR FUR-OUTS.

EQUIPMENT TO BE INSTALLED

ada HANDICAPPED ACCESSIBLE/COMPLIANT VERSION OF EQUIPMENT/FIXTURE INDICATED, REFER TO ALL SHEETS & SPECIFICATIONS FOR ADDITIONAL ADA ACCESSIBILITY REQUIREMENTS WHICH MAY NOT BE INDICATED ON 1ST & 2ND FLOOR PLANS.

AP ACOUSTIC WALL PANELS BY SECTION 09 84 00, PANEL SIZE VARIES SEE FLOOR PLAN & INTERIOR ELEVATIONS ON SHEET A4.2.

BC ada COMPLIANT VERTICAL WALL MOUNTED BABY CHANGING STATION BY SECT. 10 28 00 IN SPECS. (PROVIDE SOLID BLOCKING OR PLYWOOD IN WALL BETWEEN METAL STUDS AS REQUIRED FOR SECURE ATTACHMENT OF CHANGING STATION. *<u>(TOGGLE BOLTS OR SIM. TYPE ANCHORS WILL NOT BE ALLOWED FOR SECURING CHANGING STATION TO WALL)</u>*

BP BRONZE PLAQUE AS SPECIFIED, SEE SIGNAGE SHEET & SECTION 10 14 29 IN SPECIFICATIONS. (VERIFY EXACT LOCATION PRIOR TO MOUNTING)

DC (see floor plan for size) LARGE DOOR RECESS MOUNTED TROPHY DISPLAY CASE W/4" FACE FRAME & DARK BRONZE FINISH BY SECTION 10 10 00. PROVIDE COMPLETE UNIT W/ OVERHEAD LED LIGHTING, 1/4" TEMPERED GLASS DOORS WITH LOCK & KEY, & REAR POSTING SURFACE COMPOSED OF ONE OF THE FOLLOWING: VIC CORK, BURLAP WEAVE VINYL, OR DESIGNER FABRIC. POSTING SURFACE MATERIAL & FINISHES TO BE SELECTED BY ARCHITECT. BASED ON MODEL 397 BY "CLARIDGE PRODUCTS", EQUAL BY "AARCO PRODUCTS INC.", OR PRIOR APPROVED EQUAL.

DF ada COMPLIANT DRINKING FOUNTAIN W/ BOTTLE FILLING STATION. PROVIDED BY DIVISION 22, SEE PLUMBING SHEETS & SPECS.

DS-1 (5 total) INTERIOR CEILING MOUNTED SIGNAGE OR PLASTIC LETTERS AS SPECIFIED, SEE SIGNAGE SHEET A8.3 & SECTION 10 14 23 IN SPECIFICATIONS. VERIFY EXACT LOCATIONS TO BE MOUNTED W/OWNER PRIOR TO INSTALLATION. (PROVIDE CEILING SUSPENSION KIT FOR SIGNS.) PLASTIC LETTERS WALL MOUNTED TO FURR-DOWN.

EFE EXISTING WALL MOUNTED FIRE EXTINGUISHER TO BE RE-INSTALLED IN SAME LOCATION WHERE REMOVED ONCE NEW CONSTRUCTION & FINISH WORK HAS BEEN COMPLETED.

FE SURFACE MOUNTED FIRE EXTINGUISHER W/(10 LB. ABC TYPE) FIRE EXTINGUISHER & STANDARD WALL BRACKET. SEE SECTION 10 44 00 IN SPECS. FOR ADDITIONAL REQMNTS. & VERIFY EXACT LOCATIONS PRIOR TO ROUGH-IN W/ ARCH. OR FIRE MARSHAL.

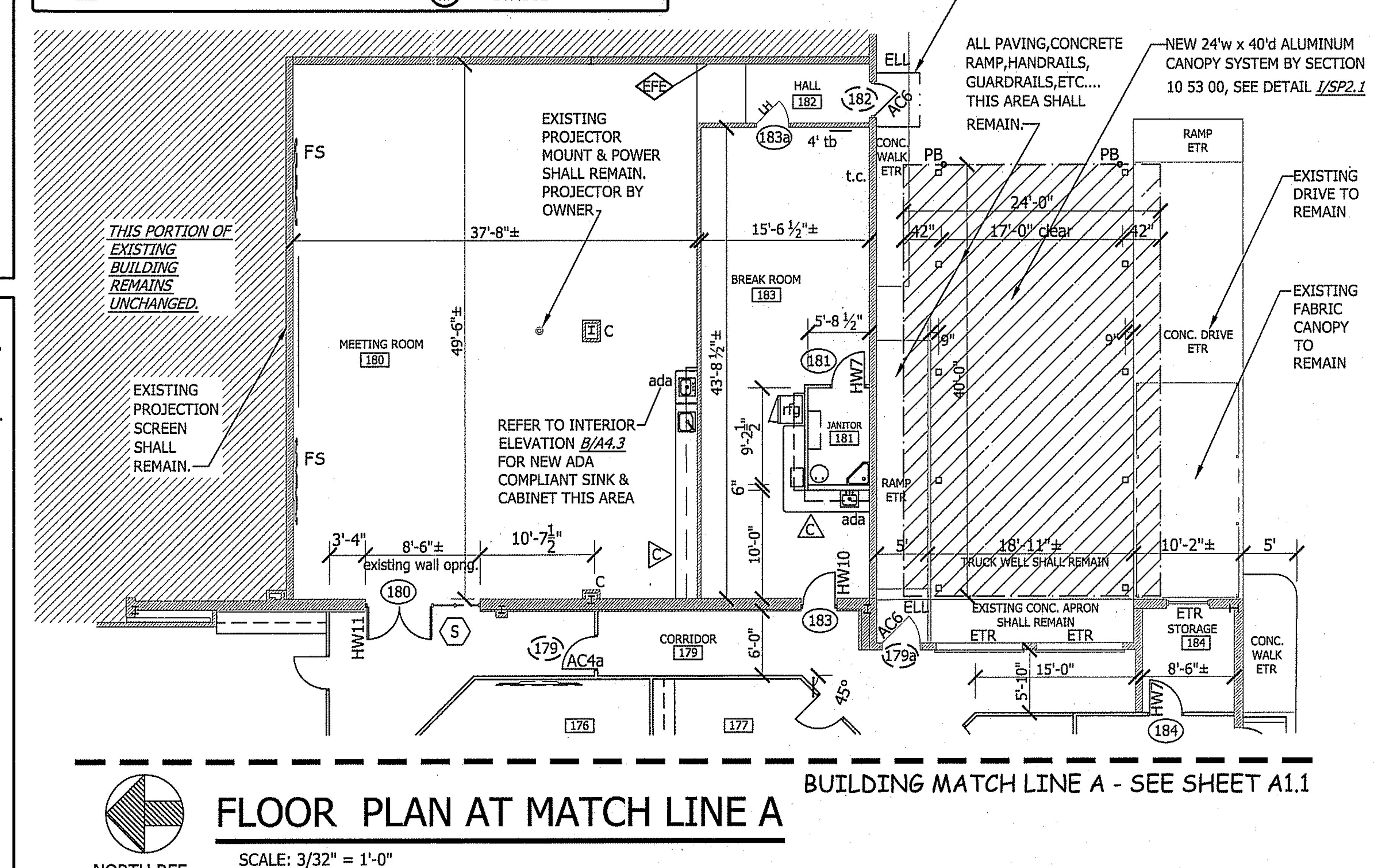
FEC RECESSED FIRE EXTINGUISHER CABINET W/ (10 LB. ABC TYPE) FIRE EXTINGUISHER. SEE SECTION 10 44 00 IN SPECS. FOR ADDITIONAL REQUIREMENTS & VERIFY EXACT LOCATIONS PRIOR TO ROUGH-IN W/ ARCHITECT OR FIRE MARSHAL.

FW RE-TRACTABLE FOLDING WALL SYSTEM BY SECTION 08 35 13, SEE DETAILS ON SHEET A5.4 & STRUCTURAL SHEETS.

PJ (above) CEILING MOUNTED PROJECTOR & FIXED MOUNT TO BE PROVIDED BY OWNER & INSTALLED BY G.C. SEE DETAIL *D/A4.6* FOR INSTALLATION OF MOUNT AND SEE ENGINEER'S ELEC. SHEETS FOR REQUIRED POWER & DATA TO BE PROVIDED. (VERIFY WITH PROJECTOR MANUF. EXACT RECOMMENDED DISTANCE PROJECTOR SHALL BE MOUNTED PRIOR TO ROUGH-IN OF ANY UTILITIES & INSTALLATION OF MOUNT.)

SYMBOL KEY - ALL SHEETS

Symbol	Description	Symbol	Description
101	DOOR SYMBOL - SEE DOOR SCH.	FE	EQUIPMENT NOTE SEE DIVISION 10
101	ACCESS CONTROLLED DOOR SYMBOL - SEE SHEETS A2.1, A2.1a, & ELEC.	104	ROOM NUMBER
HW1	HARDWARE TYPE - SEE SHEET A2.2 & DIVISION 8	1/A4	DETAIL SYMBOL
AC1	ACCESS CONTROLLED DOOR HARDWARE. SEE SHEET A2.1a, ELEC. SHEETS, & DIVISION 8	1/A4	BUILDING SECTION
E	WINDOW SYMBOL - SEE SCH.	1/A4	ELEVATION SYMBOL
(triangle)	PLAN REFERENCE NOTE		



FLOOR PLAN AT MATCH LINE A

SCALE: 3/32" = 1'-0"

BUILDING MATCH LINE A - SEE SHEET A1.1

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WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY:	RMM
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

FLOOR PLAN MATCH LINE, PLAN NOTES, LEGENDS, GENERAL NOTES, & ROOM FINISH SCH.

A1.2

DOOR NOTES:

NOTES APPLY TO ALL DOORS & ARE SUPPLEMENTARY TO THE SPECIFICATIONS.

- VERIFY EXACT SIZE OF ALL DOORS & FRAMES AT SITE PRIOR TO ORDERING OF ANY DOORS, FRAMES, OR RELATED DOOR HARDWARE.
- REFER TO SECTION 08 71 00 SPECIFICATIONS FOR ADDITIONAL HARDWARE INFORMATION AND APPROVED EQUALS TO MANUFACTURER'S LISTED IN HARDWARE SCHEDULE THIS SHEET.
- ALL GLASS IN NON-RATED DOORS OR ADJACENT SURFACES SHALL BE TEMPERED SAFETY GLASS.
- ALL EXTERIOR DOORS SHALL BE AIRTIGHT & WEATHER-TIGHT. PROVIDE DOOR SWEEPS AT SILL/THRESHOLD AND WEATHER-STRIPPING AT JAMB AND HEAD.
- PROVIDE 1/2" MAXIMUM HEIGHT ada COMPLIANT THRESHOLD AT ALL EXTERIOR DOORS. (CHANGES IN LEVEL FOR THRESHOLD NOT MORE THAN 1/2" IN HEIGHT & BEVELED IF OVER 1/4".)
- PROVIDE APPROPRIATE LINTELS,HEADERS, & FLASHING OVER ALL EXTERIOR DOOR OPENINGS, REFER TO DOOR DETAILS.
- PROVIDE DOOR STOPS AT ALL INTERIOR DOORS. VERIFY EXACT LOCATIONS WITH ARCHITECT, PRIOR TO MOUNTING, IF A FLOOR MOUNT TYPE IS USED.
- FOR ALL INTERIOR DOORS INDICATED WITH A LOCK SET, VERIFY WITH OWNER, THE SPECIFIC SIDE OF THE DOOR THAT SHALL RECEIVE DOOR KEY.
- ALL HOLLOW METAL DOORS AND HOLLOW METAL FRAMES ARE TO BE PRIMED & PROPERLY PREPPED FOR PAINTING BY SECTION 09 90 00. (COLORS TO BE SELECTED BY ARCH.)
- AT ALL HOLLOW METAL DOORS SCHEDULED TO RECEIVE GLAZING, PROVIDE SLOPED/BEVELED TYPE METAL STOPS WITH SAME FINISH AS DOOR.
- ALL HOLLOW METAL DOORS ARE TO BE FACTORY PREPPED & PROPERLY REINFORCED TO RECEIVE ANY SCHEDULED SURFACE MOUNTED TYPE DOOR HARDWARE AND ANY SCHEDULED MORTISE TYPE LOCK HARDWARE. ALL SCHEDULED DOOR HARDWARE SHALL BE INSTALLED IN A NEAT AND FINISHED MANNER, *ANY FIELD CUTTING/MODIFICATION OF HOLLOW METAL FRAMES SHALL BE KEPT TO AN ABSOLUTE MINIMUM.*
- ALL NEW FIRE RATED LABEL DOORS SHALL HAVE APPROPRIATE RATED DOOR HARDWARE: LOCKSET, CLOSURE, ASTRAGAL,DOOR/ FRAME TAG ETC..... AND INSTALLED IN AN APPROPRIATE RATED FRAME.
- ALL INTERIOR DOORS IN FIRE BARRIERS SHALL CARRY A APPROPRIATE LABEL FOR RATING & MUST COMPLY WITH N.F.P.A. 101/ N.F.P.A. 80. CLEARANCES FOR THESE DOORS SHALL BE: 3/8" MAX. BETWEEN THE DOOR BOTTOM & FINISH FLOOR & 1/8" MAX. BETWEEN THE DOOR FRAME & SIDES OR TOP OF DOOR.
- UNDER-CUTTING OF ANY FIRE RATED DOOR IS NOT ALLOWED.

DOOR GLAZING NOTES:

SEE GLAZING TYPES LISTED IN DOOR ELEV. THIS SHEET AND SECTION 08 80 00 IN SPECS. FOR TYPES OF SCHEDULED GLAZING THAT SHALL BE PROVIDED IN EACH OPENING INDICATED.
typ. FOR ALL H.M. DOOR ELEV. SHOWN WITH GLAZING THIS SHEET BOTTOM OF DOOR GLASS SHALL BE NO MORE THAN 42" A.F.F. FOR ada ACCESSIBILITY

DOOR SCHEDULE - 2ND FLOOR

DOOR No.	DOOR TYPE	DOOR SIZE WIDTH	THICK	HEIGHT	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	DETAILS	COMMENTS
201	1 HOUR RATED STEEL ELEVATOR DOOR AND FRAME BY SECTION 14 21 00									
202	M/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	PNT.	H.M.	PNT.	A,B,C/A7.5	60 MIN. RATED DOOR AND FRAME
204	ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2									SEE COMMENT NOTE 2 BELOW
205	EXISTING PAIR OF DOORS AND FRAME SHALL REMAIN. ALL DOOR HARDWARE SHALL REMAIN.									SEE COMMENT NOTE 2 BELOW
206	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
207	ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2									SEE COMMENT NOTE 2 BELOW
208	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
209	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
210	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
211	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
212	P/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
213	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
214	P/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
215	P/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
215a	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
216	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
217	K/A2.1	3'-0"±	1 3/4"	6'-8"±	existing door and frame shall remain			PNT.	------	DOOR SIZE MUST BE SITE VERIFIED
218	P/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	G,H,I/A7.5	
219	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	H/A5.3 & G/A7.5	
220	O/A2.1	3'-0"	1 3/8"	6'-8"	MASONITE	PNT.	WOOD	PNT.	TO BE INSTALLED IN EXISTING WALL OPENING. (VERIFY SIZE)	
221	ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2									SEE COMMENT NOTE 2 BELOW
222	ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2									SEE COMMENT NOTE 2 BELOW
223	M/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	PNT.	H.M.	PNT.	A,B,C/A7.5	60 MIN. RATED DOOR AND FRAME

DOOR SCHEDULE LEGEND:

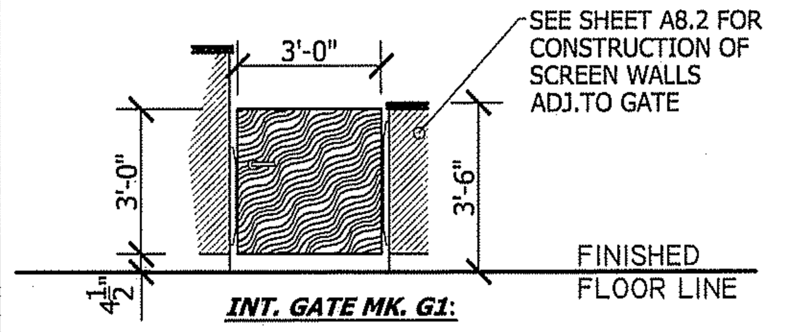
PNT. PAINT
H.M. HOLLOW METAL
ALUM. ALUMINUM
PRE-FIN. PRE-FINISHED

DOOR SCHEDULE NOTES

- REFER TO DOOR NOTES THIS SHEET.
- REFER TO SECTION 08 71 00 OF SPECS. & HARDWARE SCH. THIS SHEET FOR DOOR HARDWARE TO BE PROVIDED.
- * INDICATES DOORS TO RECEIVE ACCESS CONTROLLED HARDWARE. SEE SHEET A2.1a
- ALL DOOR HARDWARE INCLUDING LATCHES,LOCKS, & THUMB TURNS SHALL BE LEVER TYPE & ADA/ANSI ACCESSIBLE.

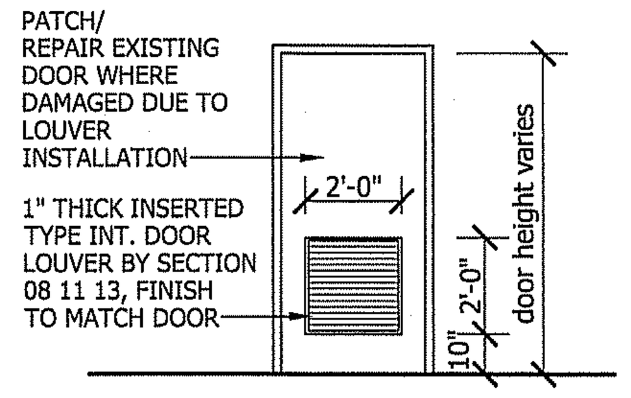
DOOR SCH. COMMENT NOTES

1. EXTERIOR HOLLOW METAL FRAME SHALL WRAP EXISTING CMU WALL IN LIEU OF WALL FURRING. FRAME WIDTH IS 11 ¾" AT THIS OPENING.
2. EXISTING DOOR & FRAME TO BE PRIMED & PAINTED BY SECTION 09 90 00.
3. DOOR SIZE SHOWN IS APPROXIMATE, FIELD VERIFY SIZE.THIS DOOR & FRAME CARRIES A 60 MIN. RATING &SHALL BE INSTALLED IN EXISTING WALL OPENING. THIS DOOR SHALL BE ACCESS CONTROLLED, SEE ELEVATION AC5 ON SHEET A2.1a
4. DOOR SIZE SHOWN IS APPROX.,FIELD VERIFY SIZE. THIS DOOR & FRAME SHALL BE INSTALLED IN EXISTING WALL OPENING.THIS DOOR SHALL BE ACCESS CONTROLLED, SEE ELEVATION AC4 ON SHEET A4.1
5. EXISTING DOOR & FRAME SHALL REMAIN. EXISTING WEATHER-STRIPPING & THRESHOLD SHALL BE REMOVED & REPLACED. PATCH DOOR & FRAME, PRIME & PAINT BY SECTION 09 00 00.

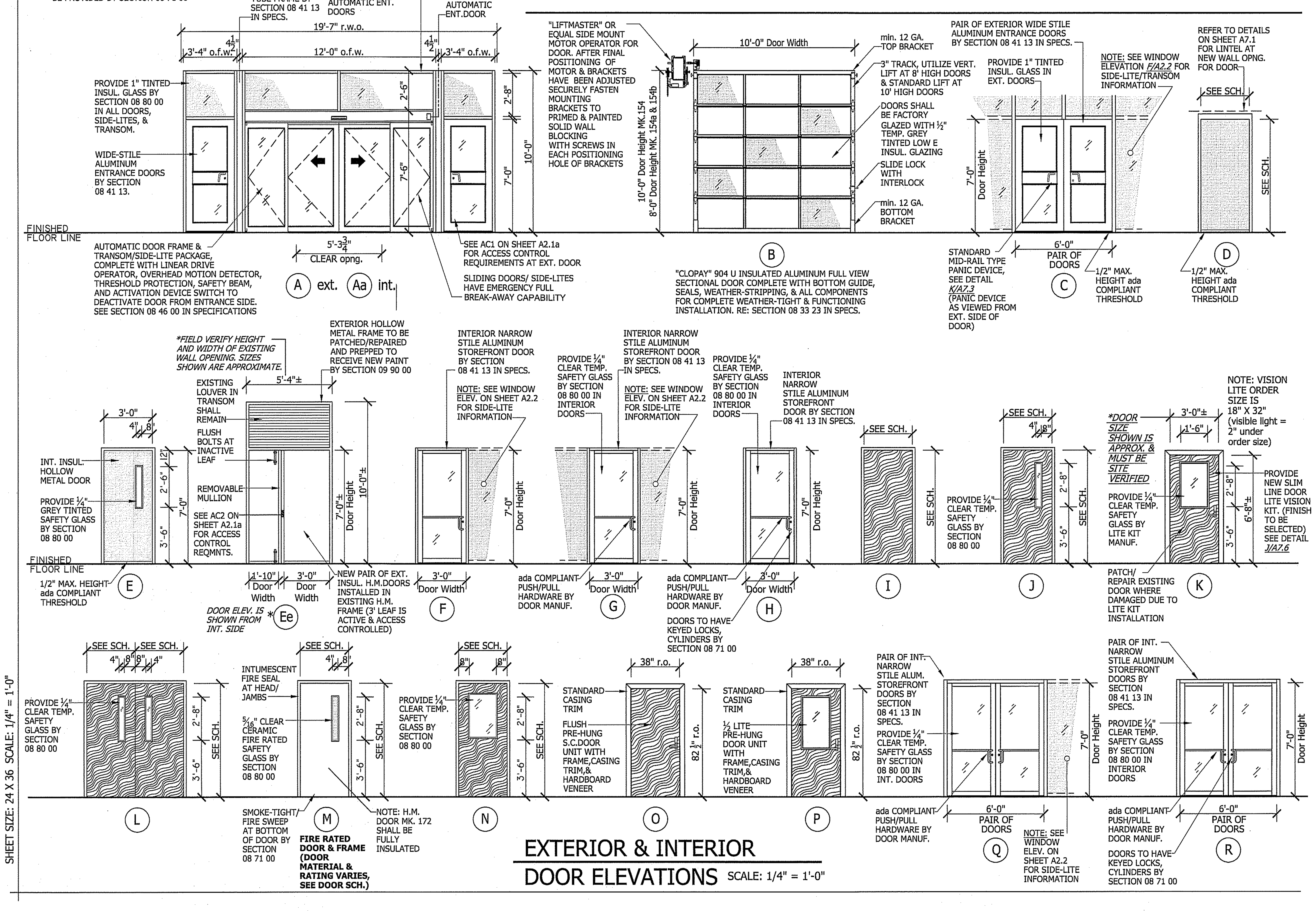


INT. GATE MK. G1:

3'-0" X 3'-0" X 1 3/4" FLUSH SOLID CORE WOOD GATE BY SECTION 08 14 16, SEE DETAILS ON SHEET A8.2, ALL SURFACES/ EDGES OF WOOD GATE/FRAME TO BE SEALED & STAINED BY DIV.9. SEE HARDWARE TYPE GHW IN SCH. FOR HARDWARE THAT IS TO BE PROVIDED BY SECTION 08 71 00



INT. DOOR LOUVER L1:



EXTERIOR & INTERIOR DOOR ELEVATIONS SCALE: 1/4" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

DOOR SCHEDULE - IST FLOOR

DOOR No.	DOOR TYPE	DOOR SIZE WIDTH	THICK	HEIGHT	DOOR MATERIAL	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	DETAILS	COMMENTS
100	A/A2.1	EXTERIOR AUTOMATIC ENTRANCE DOOR SYSTEM BY SECTION 08 46 00							A,B,C/A7.1	
100a,100b	A/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	G,H,I/A7.1	SEE AC1 ON SHEET A2.1a FOR DOOR 100b
101	Aa/A2.1	EXTERIOR AUTOMATIC ENTRANCE DOOR SYSTEM BY SECTION 08 46 00							A,B,C/A7.1	
101a,101b	Aa/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	G,H,I/A7.1	
*102	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	SEE AC4 ON SHEET A2.1a FOR ACCESS CONTROL
104	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
109	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
110	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
111	G/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
111a	EXISTING DOOR AND FRAME SHALL REMAIN. ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2									
*112	Ee/A2.1	SEE ELEV.	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	NEW DOORS BY SECTION 08 11 13 INSTALLED IN EXIST. H.M. FRAME	
112a	EXISTING DOOR AND FRAME SHALL REMAIN. ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2									
*113	M/A2.1	3'-0"	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	------	60 MIN. RATED, SEE COMMENT NOTE 3
114	D/A2.1	3'-0"	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	J,K,L/A7.1	
114a	M/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	A,B,C/A7.5	60 MIN. RATED DOOR AND FRAME
115	L1/A2.1	EXISTING DOOR AND FRAME SHALL REMAIN. ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2								
116	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
117	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
118	L/A2.1	(2) 3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
118a	D/A2.1	3'-0"	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	J,K,L/A7.1	
119	L/A2.1	(2) 3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
119a	D/A2.1	3'-0"	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	J,K,L/A7.1	
120	J/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
121	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
122	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
123	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
*124	H/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	G,H,I/A7.6	SEE AC3 ON SHEET A2.1a FOR ACCESS CONTROL
124a	R/A2.1	(2) 3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	G,H,I/A7.6	
125	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
126	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
127	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
128	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
129	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
130	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
131	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3 K/A7.6	PROVIDED BY SECTION 08 41 13
*135	I/A2.1	3'-0"	1 3/4"	6'-8"	S.C.W.	STAIN	H.M.	PNT.	------	SEE COMMENT NOTE 4
*138	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3 B/A7.6	SEE AC3a ON SHEET A2.1a FOR ACCESS CONTROL
139	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
140	N/A2.1	3'-0"	1 3/4"	6'-8"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5 L/A7.6	
141	K/A2.1	3'-0"±	1 3/4"	6'-8"±	existing door and frame shall remain				------	DOOR SIZE MUST BE SITE VERIFIED
*143	J/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	SEE AC4 ON SHEET A4.1 FOR ACCESS CONTROL
144	K/A2.1	3'-0"±	1 3/4"	6'-8"±	existing door and frame shall remain				------	DOOR SIZE MUST BE SITE VERIFIED
145	K/A2.1	3'-0"±	1 3/4"	6'-8"±	existing door and frame shall remain				------	DOOR SIZE MUST BE SITE VERIFIED
146	EXIST. PAIR OF H.M. DOORS AND H.M. FRAME SHALL REMAIN, DOORS TO BE RE-KEYED. (DOORS AND FRAME TO BE PRIMED & PAINTED BY SECTION 09 90 00)									
*148	C/A2.1	(2) 3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	D,E,F/A7.1	SEE AC1a ON SHEET A2.1a FOR ACCESS CONTROL
149	R/A2.1	(2) 3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3 B/A7.6	
149a	H/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3 B/A7.6	
150,150A	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
151	H/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3 B/A7.6	
152	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
153	G/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
153a,156a	E/A2.1	3'-0"	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	G,H,I/A7.4	PROVIDED BY SECTION 08 11 13
154	B/A2.1	10'-0"	----	10'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.4	PROVIDED BY SECTION 08 33 23
154a	B/A2.1	10'-0"	----	8'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	D,E,F/A7.4	PROVIDED BY SECTION 08 33 23
154b	B/A2.1	10'-0"	----	8'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	D,E,F/A7.4	PROVIDED BY SECTION 08 33 23
154c	D/A2.1	3'-0"	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	J,K,L/A7.1	
155	G/A2.2	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
156	R/A2.1	(2) 3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3 B/A7.6	
156b	EXIST. PAIR OF H.M. DOORS AND H.M. FRAME SHALL REMAIN, DOORS TO BE RE-KEYED. (DOORS AND FRAME TO BE PRIMED & PAINTED BY SECTION 09 90 00)									
157	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
153b,158	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
159	H/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3 K/A7.6	
160,161	K/A2.1	3'-0"±	1 3/4"	6'-8"±	existing door and frame shall remain				------	DOOR SIZE MUST BE SITE VERIFIED
162,163	K/A2.1	3'-0"±	1 3/4"	6'-8"±	existing door and frame shall remain				------	DOOR SIZE MUST BE SITE VERIFIED
164	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
165	J/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
168	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
169	N/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
*170	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	SEE AC3 ON SHEET A2.1a FOR ACCESS CONTROL
170a	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
171	N/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
172	M/A2.1	3'-0"	1 3/4"	7'-0"	H.M.	PNT.	H.M.	PNT.	A,B,C/A7.5	90 MIN. RATED DOOR AND FRAME
173	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
*174,179	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	SEE AC4a ON SHEET A2.1a FOR ACCESS CONTROL
175	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
176	F/A2.1	3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	A,B,C/A7.3	
177	J/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
178	J/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
*179a	EXISTING DOOR AND FRAME SHALL REMAIN. SEE HARDWARE TYPE AC6 ON SHEET A2.1a FOR NEW ACCESS CONTROLLED HARDWARE AT THIS DOOR.									
180	Q/A2.1	(2) 3'-0"	----	7'-0"	ALUM.	PRE-FIN.	ALUM.	PRE-FIN.	DOOR & FRAME TO BE INSTALLED IN EXISTING WALL OPENING	
181	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
*182	EXISTING DOOR AND FRAME SHALL REMAIN. SEE HARDWARE TYPE AC6 ON SHEET A2.1a FOR NEW ACCESS CONTROLLED HARDWARE AT THIS DOOR.									
183	J/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	J,K,L/A7.5	
183a	EXISTING DOOR AND FRAME SHALL REMAIN. ALL DOOR HARDWARE SHALL REMAIN EXCEPT FOR LEVER-SET, SEE LH IN HARDWARE SCH. ON SHEET A2.2									
184	J/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
*185	EXISTING DOOR AND FRAME SHALL REMAIN. SEE HARDWARE TYPE AC6 ON SHEET A2.1a FOR NEW ACCESS CONTROLLED HARDWARE AT THIS DOOR.									
186	1 HOUR RATED STEEL ELEVATOR DOOR AND FRAME BY SECTION 14 21 00									
187	I/A2.1	3'-0"	1 3/4"	7'-0"	S.C.W.	STAIN	H.M.	PNT.	D,E,F/A7.5	
188,189	EXISTING DOOR AND FRAME SHALL REMAIN. ALL DOOR HARDWARE SHALL REMAIN.									
193	EXISTING DOOR AND FRAME SHALL REMAIN. SEE COMMENT NOTE NO.5									

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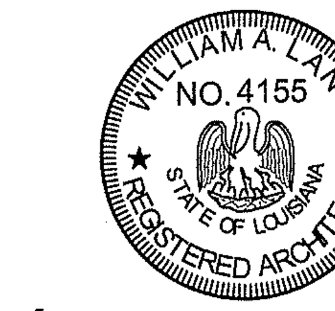
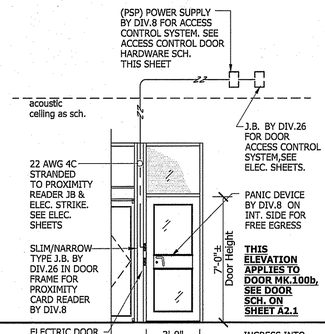
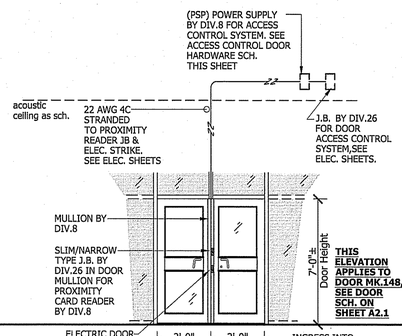


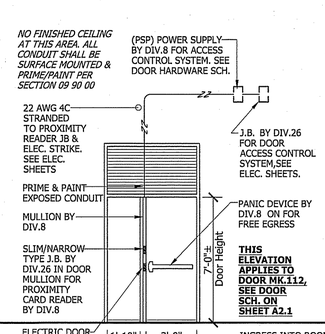
DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

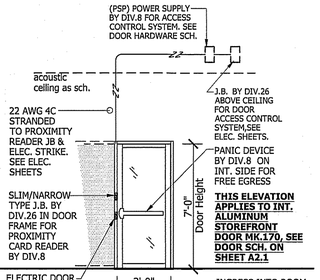
DOOR SCHEDULES

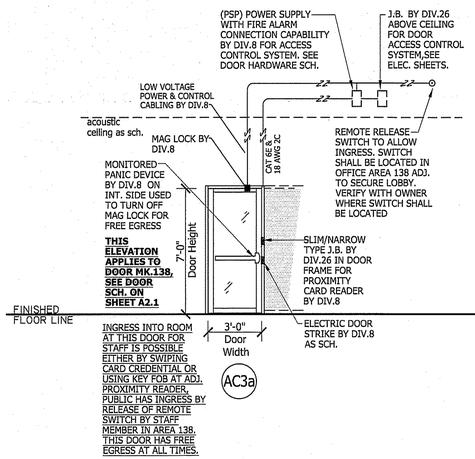
A2.1

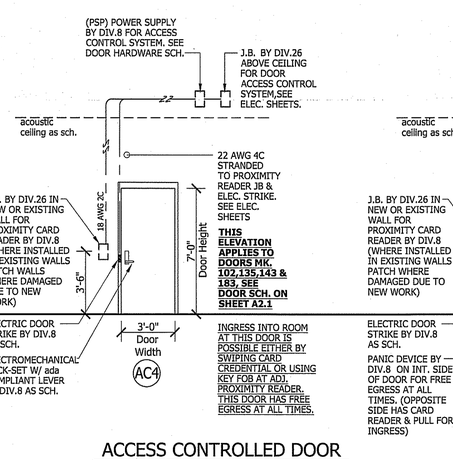


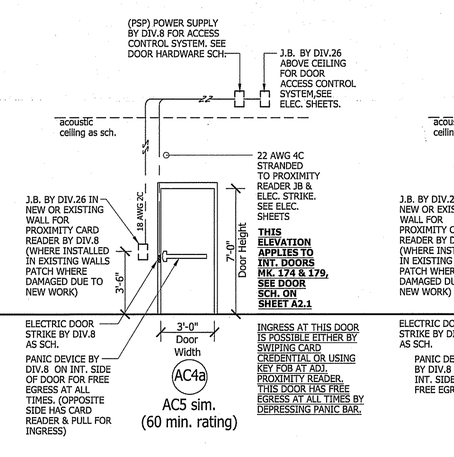


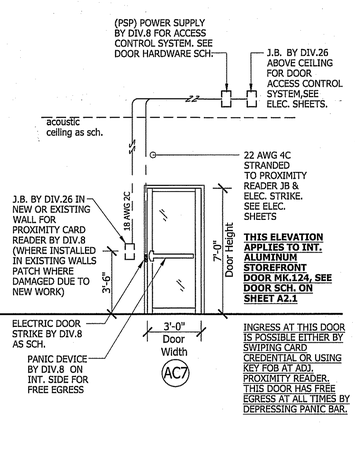












ACCESS CONTROLLED DOOR ELEVATIONS

SCALE: 1/4" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

ACCESS CONTROL NOTES:

DESIGN INTENT IS FOR ALL ACCESS CONTROLLED DOORS TO BE NORMALLY CLOSED,LATCHED,& LOCKED. INGRESS INTO ROOM SHALL BE CONTROLLED EITHER BY A REMOTE RELEASE SWITCH OR A PROXIMITY CARD READER. FREE EGRESS FROM THESE DOORS SHALL BE ALLOWED AT ALL TIMES. REFER TO HARDWARE SCH. THIS SHEET AND ELECTRICAL SHEETS .

WHERE ACCESS CONTROLLED HARDWARE IS SCHEDULED AT A EXISTING DOOR OPENING. PATCH EXISTING DOOR FRAME WHERE DAMAGED DUE TO REMOVAL OF EXISTING DOOR HARDWARE AND INSTALLATION OF NEW SCHEDULED ACCESS CONTROLLED HARDWARE. EXISTING FRAME BOTH SIDES SHALL BE PATCHED,CLEANED, SANDED, PRIMED AND PAINTED BY SECTION 09 90 00.

ALL ACCESS CONTROL HARDWARE LISTED IN HARDWARE SCHEDULE ON THIS SHEET AND SHOWN IN DIAGRAMS THIS SHEET SHALL BE USED AS A BASIS FOR DESIGN OF DESIRED ABILITY TO CONTROL ACCESS TO DOORS INDICATED., OTHER MANUFACTURER'S PRODUCTS/COMPONENTS MAY BE SUBSTITUTED AND USED.

PROVIDE ANY ADDITIONAL COMPONENTS, WIRING, CONDUIT, CONDUCTORS, & HARDWARE THAT MAY BE NEEDED FOR A COMPLETE FUNCTIONING ACCESS CONTROLLED DOOR SYSTEM. ALL DIAGRAMS THIS SHEET ARE INTENDED TO INDICATE DESIRED ACCESS AT CONTROLLED DOORS & SHALL BE USED AS A BASIS FOR DESIGN, SITE VERIFY EXISTING CONDITIONS PRIOR TO BID & VERIFY SECURITY HARDWARE LISTED WITH OWNER TO DETERMINE IF ANY ADDITIONAL MODIFICATIONS OF DOOR HARDWARE WILL BE NEEDED & INCLUDE ALL COSTS FOR ADDITIONAL ITEMS/WORK NEEDED IN BID . (ALL SECURITY HARDWARE LISTED SHALL BE VERIFIED WITH OWNER FOR THEIR APPROVAL.)

ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR AND SHALL PROVIDE JUNCTION BOX, CONDUIT, WIRING, ETC..... AS NEEDED FOR POWER REQUIREMENTS OF ACCESS CONTROL HARDWARE. ACCESS CONTROL HARDWARE CONTRACTOR TO PROVIDE ALL LOW VOLTAGE WIRING & SCH. ACCESS CONTROL HARDWARE FOR A COMPLETE FUNCTIONING SYSTEM.

ACCESS CONTROL DOOR HARDWARE SCHEDULE (by section 08 71 00)

***SEE DOOR LOCATIONS ON FLOOR PLANS ON SHEETS A1.1 & A1.2 FOR REFERENCED ACCESS CONTROLLED HARDWARE LOCATIONS .*

AC1
EXTERIOR SINGLE - ACCESS CONTROLLED
(ALUMINUM STOREFRONT DOOR)
3070 1 ¾" AD X AF
NON-ACCESS CONTROL DOOR HARDWARE:
1 EACH FULL MORTISE CONT. GEARED HINGE 224HD 83" AL BY "IVES"
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
BALANCE OF REMAINING DOOR HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH PROXIMITY CARD READER WITH CARD & KEY FOB CAPABILITY. "MINIPROX" SLIM MULLION MOUNT BY "HID" WITH BLACK FINISH
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

AC1a
EXTERIOR PAIR - ACCESS CONTROLLED
(ALUMINUM STOREFRONT DOOR)
6070 1 ¾" AD X AF
NON-ACCESS CONTROL DOOR HARDWARE:
2 EACH FULL MORTISE CONT. GEARED HINGE 224HD 83" AL BY "IVES"
BALANCE OF REMAINING DOOR HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH 300 SERIES DOOR MULLION BY "FIRST CHOICE"
1 EACH PROXIMITY CARD READER WITH CARD & KEY FOB CAPABILITY. "MINIPROX" SLIM MULLION MOUNT BY "HID" WITH BLACK FINISH
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

AC2
EXTERIOR UNEQUAL PAIR – MECHANICAL CLOSET
30/24 70 1 ¾" MD X EMF (ACTIVE LEAF ACCESS CONTROLLED)
NON-ACCESS CONTROLLED DOOR HARDWARE:
2 EACH FULL MORTISE CONT. GEARED HINGES 224HD 83" AL BY "IVES" (verify door helght)
2 EACH CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH FLUSH BOLT (inactive leaf-top) FB458 12" 26D BY "IVES"
1 EACH FLUSH BOLT (inactive leaf-bottom) FB358 26D BY "IVES"
2 EACH WEATHER-STRIP 155V *(door width varies)* BY "NGP"
2 EACH SWEEP 101V *(door width varies)* BY "NGP"
1 EACH (ada compliant) THRESHOLD 896V 60" WS/PA MILL FINISH BY "NGP"
1 EACH DRIP CAP 16A 66" BY "NGP"
ACCESS CONTROL HARDWARE BY DIV.8:
(FOR 3' WIDE ACTIVE LEAF)
(1) EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
(1) EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
(1) EACH RIM LATCHING PANIC DEVICE 3790 BY "FIRST CHOICE"
(1) EACH 300 SERIES DOOR MULLION BY "FIRST CHOICE"
(1) EACH PROXIMITY CARD READER & KEY FOB PROXPOINT PLUS BY "HID" (black finish, to be located ad). to doors on exterior side mounted to exterior wall, site verify existing conditions and location to be mounted.)
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

AC3
INTERIOR SINGLE - ACCESS CONTROLLED
(ALUMINUM STOREFRONT DOOR)
3070 1 ¾" AD X AF
NON-ACCESS CONTROLLED DOOR HARDWARE:
1 EACH CYLINDER FOR KEYED LOCK (VERIFY MANUF. & FINISH)
BALANCE OF REMAINING DOOR HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH RIM LATCHING PANIC DEVICE 3790 BY "FIRST CHOICE"
1 EACH PROXIMITY CARD READER WITH CARD & KEY FOB CAPABILITY. "MINIPROX" SLIM MULLION MOUNT BY "HID" WITH BLACK FINISH
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

AC3A
INTERIOR SINGLE - ACCESS CONTROLLED
(ALUMINUM STOREFRONT DOOR)
3070 1 ¾" AD X AF
NON-ACCESS CONTROLLED DOOR HARDWARE:
1 EACH CYLINDER FOR KEYED LOCK (VERIFY MANUF. & FINISH)
BALANCE OF REMAINING DOOR HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH PLUG-IN BUZZER 2006M BY "HES"
1 EACH MAGNETIC LOCK M62 MAGNALOCK BY "SECURITRON"
1 EACH RRB-1 REMOTE RELEASE BUTTON N.O. CONTACT FOR DOOR RELEASE, VERIFY LOCATION W/ OWNER
1 EACH RIM LATCHING PANIC DEVICE 3790 BY "FIRST CHOICE"
1 EACH PROXIMITY CARD READER WITH CARD & KEY FOB CAPABILITY. "MINIPROX" SLIM MULLION MOUNT BY "HID" WITH BLACK FINISH
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

(SEE ELECTRICAL SHEETS FOR POWER REQUIREMENTS AND ASSOCIATED WORK TO ACCESS CONTROL SYSTEM INCLUDE ALL CONDUIT & CONDUCTORS FOR ACCESS SYSTEM CONNECTED TO NEAREST AVAILABLE ADEQUATE NON-SWITCHED CIRCUIT)

AC4
INTERIOR SINGLE – ACCESS CONTROLLED
3070 1 ¾" WD X MF
NON-ACCESS CONTROLLED DOOR HARDWARE:
1 EACH FULL MORTISE CONT. GEARED HINGE 224HD 83" AL BY "IVES"
1 EACH CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH LOCKSET LV9056 (XL13-439) 626 BY SCHLAGE
1 EACH CYLINDER - MANUF. & FINISH TO BE VERIFIED
3 EACH FRAME SILENCER SR64 GREY BY IVES
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH PROXIMITY CARD READER & KEY FOB PROXPOINT PLUS (black finish, to be located adj. to door on strike side in corridors. site verify existing conditions and location to be mounted.)
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

ELECTRIC LOCKSET OPERATION:
WHEN OUTSIDE LEVER IS LOCKED THE CARD READER GRANTS ACCESS UPON PRESENTATION OF A VALID CARD CREDENTIAL OR KEY FOB.
LOCK-SETS MECHANICALLY LOCK DURING POWER FAILURE WITH A MECHANICAL KEY OVERRIDE FOR ENTRY.
EGRESS IS ALWAYS FREE FROM INSIDE BY DEPRESSING INSIDE LEVER HANDLE FOR LOCK-SET.

AC4a
INTERIOR SINGLE – ACCESS CONTROLLED
CORRIDOR PASSAGE W/PANIC
3070 1 ¾ " WD X MF
NON-ACCESS CONTROLLED DOOR HARDWARE:
1 EACH FULL MORTISE CONT. GEARED HINGES 224HD 83" AL BY "IVES"
1 EACH CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH CYLINDER - MANUF. & FINISH TO BE VERIFIED
3 EACH FRAME SILENCER SR64 GREY BY IVES
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH RIM LATCHING PANIC DEVICE 3790 BY "FIRST CHOICE"
1 EACH PROXIMITY CARD READER WITH CARD & KEY FOB PROXPOINT PLUS (black finish, to be located adj. to door on strike side in corridors. site verify existing conditions and location to be mounted.)
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

AC5
INTERIOR SINGLE – STAIRS/EGRESS CORRIDOR
ACCESS CONTROLLED (60 MIN. FIRE RATING)
3070 1 ¾" WD X MF
NON-ACCESS CONTROLLED DOOR HARDWARE:
1 EACH FULL MORTISE CONT. GEARED HINGES 224HD 83" AL BY "IVES"
1 EACH RATED CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH RATED RIM EXIT DEVICE F-25R-L 510L QUAN 626 BY "FALCON"
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
1 EACH INTUMESCENT FIRE SEAL 9450C X 96" BY "NGP"
1 EACH SMOKE CONTROL SWEEP 97V 36" BY "NGP"
1 EACH FLOOR STOP FS410 BLK BY "IVES"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH DPS-M DOOR POSITION SWITCH BY "SECURITRON"
1 EACH PROXIMITY CARD READER & KEY FOB PROX POINT PLUS (BLACK FINISH, TO BE LOCATED ADJ. TO DOOR ON STRIKE SIDE IN CORRIDOR. SITE VERIFY EXISTING CONDITIONS AND LOCATION TO BE MOUNTED.)
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

AC6
EXTERIOR SINGLE – EXIT/ ENTRANCE ACCESS CONTROLLED
EXISTING 3070 1 ¾" MD X MF
NON-ACCESS CONTROLLED DOOR HARDWARE:
REMOVE & REPLACE EXISTING DOOR HINGES WITH
1 EACH FULL MORTISE CONT. GEARED HINGE 224HD 83" AL BY "IVES" (patch existing h.m. door frame)
REMOVE & REPLACE EXISTING EXIT DEVICE WITH
1 EACH RIM EXIT DEVICE 25R-L 510L QUAN 626 BY "FALCON"
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
REMOVE & REPLACE EXISTING WEATHER-STRIPPING WITH
1 EACH WEATHER-STRIP 155V 36" X 84" BY "NGP"
(BALANCE OF REMAINING NON-ACCESS CONTROLLED DOOR HARDWARE SHALL REMAIN, CONTRACTOR SHALL SITE VERIFY EXISTING CONDITIONS AT EACH DOOR SCH. TO RECEIVE NEW HARDWARE TO DETERMINE IF ANY ADDITIONAL DOOR HARDWARE WILL BE NEEDED OR REPLACED TO ACCOMMODATE NEW SCH. ACCESS HARDWARE FOR THESE EXISTING DOORS)
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH DPS-M DOOR POSITION SWITCH BY "SECURITRON"
1 EACH PROXIMITY CARD READER & KEY FOB PROXPOINT PLUS BY "HID" (BLACK FINISH, TO BE LOCATED ADJ. TO DOORS ON EXTERIOR SIDE MOUNTED TO EXTERIOR WALL, SITE VERIFY EXISTING CONDITIONS AND LOCATION TO BE MOUNTED.)
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

AC7
INTERIOR SINGLE - ACCESS CONTROLLED
(ALUMINUM STOREFRONT DOOR)
3070 1 ¾" AD X AF
NON-ACCESS CONTROLLED DOOR HARDWARE:
1 EACH CYLINDER FOR KEYED LOCK (VERIFY MANUF. & FINISH)
BALANCE OF REMAINING DOOR HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13
ACCESS CONTROL HARDWARE BY DIV.8:
1 EACH ELECTRIC DOOR STRIKE 9600 630 BY "HES"
1 EACH PSP (VERIFY 12V OR 24V) BY "SECURITRON"
1 EACH RIM LATCHING PANIC DEVICE 3790 BY "FIRST CHOICE"
1 EACH PROXIMITY CARD READER & KEY FOB PROXPOINT PLUS BY "HID" (BLACK FINISH, TO BE LOCATED & MOUNTED TO INTERIOR WALL ADJ. TO DOOR ON ROOM SIDE OF OPENING.) SITE VERIFY LOCATION TO BE MOUNTED
(PROVIDE ALL ADDITIONAL EQUIPMENT AS REQUIRED FOR A COMPLETE FUNCTIONING SYSTEM)

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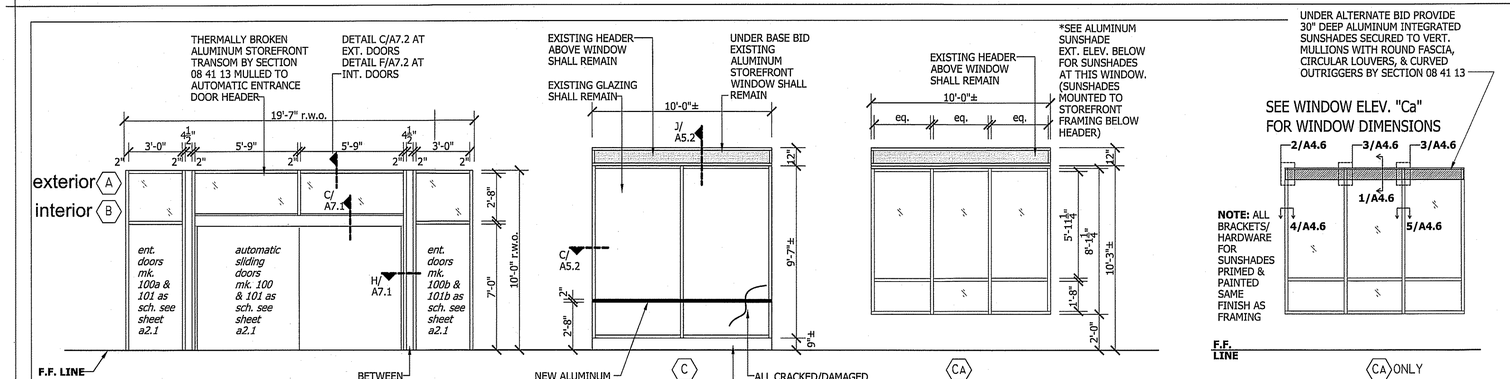
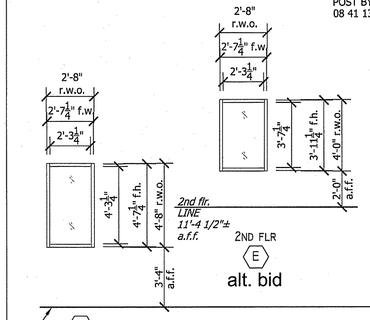
WILLIAM A. LUND
NO. 4155
STATE OF LOUISIANA
REGISTERED ARCHITECT

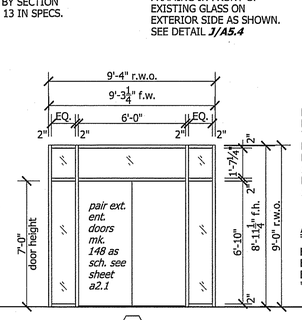
DRAWN BY:	GWM
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

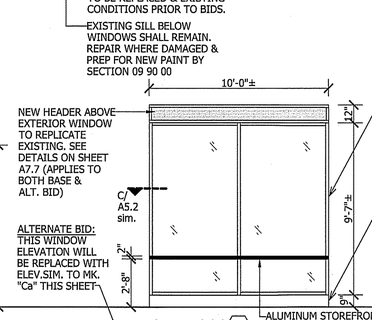
ACCESS CONTROLLED DOOR SCHEDULE & DOOR HARDWARE

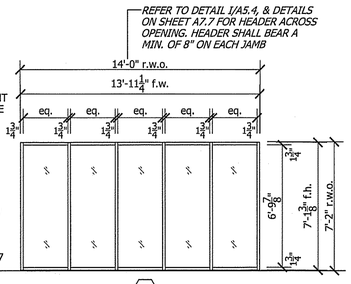
A2.1a

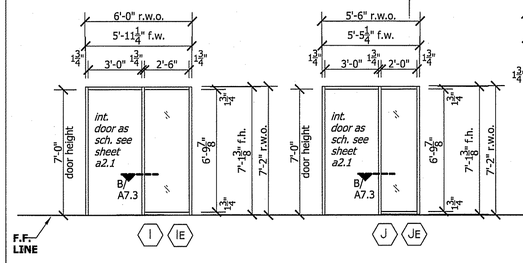


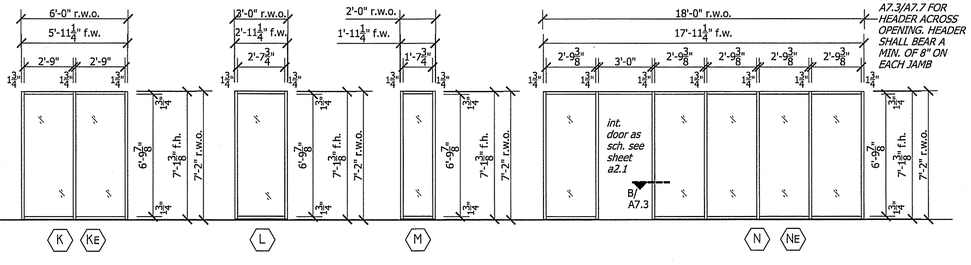


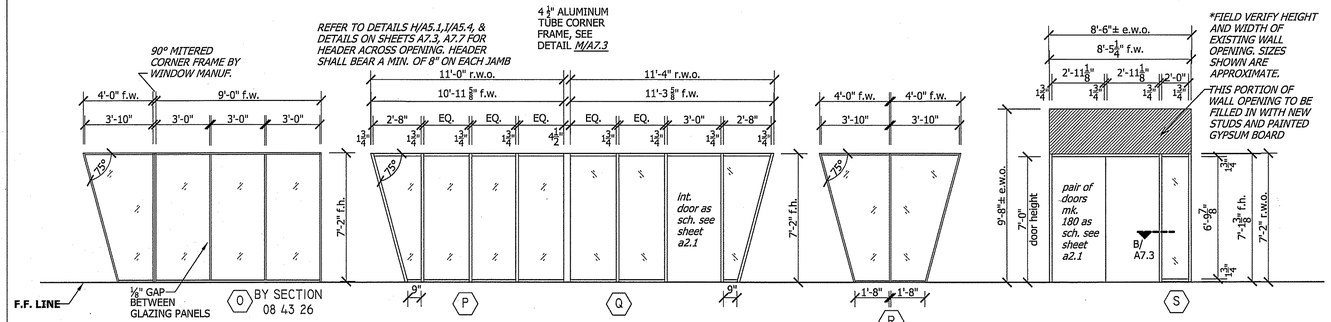


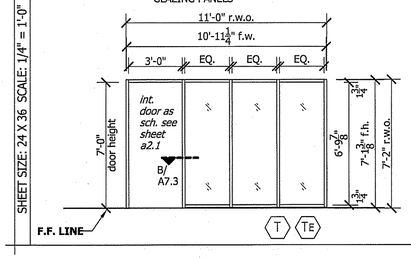












EXTERIOR & INTERIOR WINDOW ELEVATIONS

SCALE: 1/4" = 1'-0"

**ALTERNATE BIDS

SEE SECTION 01 23 00 IN SPECS. FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATE BIDS

WINDOW GLAZING NOTES

ALL TINTED INSUL. TEMP. GLASS IN EXTERIOR WINDOWS WHERE SCHEDULED SHALL CONSIST OF A 1" SEALED INSULATED GLAZING UNIT CONSTRUCTED OF 1/4" "LOW E" SOLAR TINTED TEMPERED OUTBOARD LITE, 1/2" AIRSPACE, AND 1/4" CLEAR TEMP. INBOARD LITE. (ALL NEW EXTERIOR WINDOW GLAZING SHALL MEET INTERNATIONAL ENERGY CONSERVATION CODE REQUIREMENTS OF U-FACTOR 0.45 & SHGC 0.25)

SEE GLAZING TYPES LISTED IN ELEVATIONS/SCH. THIS SHEET AND SECTION 08 80 00 IN SPECIFICATIONS FOR TYPES OF SCH. GLAZING THAT SHALL BE PROVIDED IN EACH OPENING.

ALL WINDOW TINT COLOR SHALL BE DARK GREY.

WINDOW SCHEDULE

WINDOW MK.	r.w.o. WIDTH	r.w.o. HEIGHT	GLASS BY SECTION 08 80 00	FRAME MATERIAL	HEAD	JAMB	SILL	REMARKS
A	SEE ELEV.	SEE ELEV.	SEE ELEV.	ALUM.	C/A7.2	B/A7.2,M/A7.3	A/A7.2	DETAILS APPLY TO TRANSOM ABOVE ALUM. ENT. DOOR
B	SEE ELEV.	SEE ELEV.	SEE ELEV.	ALUM.	F/A7.2	E/A7.2,M/A7.3	D/A7.2	DETAILS APPLY TO TRANSOM ABOVE ALUM. ENT. DOOR
C	SEE ELEV.	SEE ELEV.	BASE BID - EXISTING FIXED ALUMINUM STOREFRONT WINDOW SHALL REMAIN.					
Ca	10'-0"	8'-1"	1" TINTED INSUL. TEMP.	ALUM.	F/A7.6	E/A7.6	D/A7.6	NEW WINDOW TO BE PROVIDED UNDER ALTERNATE BID
D	2'-8"	4'-8"	1" TINTED INSUL. TEMP.	ALUM.	I/A7.2	H/A7.2	G/A7.2	NEW WINDOW TO BE PROVIDED UNDER ALTERNATE BID
E	2'-8"	4'-0"	1" TINTED INSUL. TEMP.	ALUM.	L/A7.2	K/A7.2	J/A7.2	NEW WINDOW TO BE PROVIDED UNDER ALTERNATE BID
F	9'-4"	9'-0"	1" TINTED INSUL. TEMP.	ALUM.	C/A7.7	B/A7.7	A/A7.7	
G	SEE ELEV.	SEE ELEV.	BASE BID - NEW FIXED ALUMINUM STOREFRONT WINDOW TO CLOSELY MATCH EXISTING WINDOWS .					
Ga	10'-0"	8'-1"	1" TINTED INSUL. TEMP.	ALUM.	F/A7.6	E/A7.6	D/A7.6	TO BE PROVIDED UNDER ALTERNATE BID
H	14'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	L/A7.7 sim.	E/A7.3	D/A7.3	
I	6'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	F/A7.3	B,E/A7.3	D/A7.3	
Ie	6'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	I/A7.3	B,H/A7.3	G/A7.3	
J	5'-6"	7'-2"	1/4" CLEAR TEMP.	ALUM.	F/A7.3	B,E/A7.3	D/A7.3	
Je	5'-6"	7'-2"	1/4" CLEAR TEMP.	ALUM.	I/A7.3	B,H/A7.3	G/A7.3	
K	6'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	F/A7.3	E/A7.3	D/A7.3	
Ke	6'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	I/A7.3	H/A7.3	G/A7.3	
L	3'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	F/A7.3	E/A7.3	D/A7.3	
M	2'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	F/A7.3	E/A7.3	D/A7.3	
N	18'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	L/A7.7	B/A7.3,K/A7.7	J/A7.7	
Ne	18'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.	I/A7.3	H/A7.3	G/A7.3	
O	SEE ELEV.	7'-2"	1/2" CLEAR TEMP.	ALUM.	I/A7.7	H/A7.7	G/A7.7	WINDOW SYSTEM TO HAVE MAX. STC RATING OF 40
P	SEE ELEV.	7'-2"	1/4" CLEAR TEMP.	ALUM.	I/A7.7	H/A7.7	G/A7.7	
Q	SEE ELEV.	7'-2"	1/4" CLEAR TEMP.	ALUM.	I/A7.7	H/A7.7	G/A7.7	
R	SEE ELEV.	7'-2"	1/2" CLEAR TEMP.	ALUM.	I/A7.7	H/A7.7	G/A7.7	WINDOW SYSTEM TO HAVE MAX. STC RATING OF 40
S	8'-6"±	9'-8"±	1/4" CLEAR TEMP.	ALUM.	NEW STOREFRONT FRAMING INSTALLED IN EXISTING WALL OPENING			
T	11'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.				
Te	11'-0"	7'-2"	1/4" CLEAR TEMP.	ALUM.				

ABBREVIATIONS:

f.h. OVERALL FRAME HEIGHT (ALUMINUM STOREFRONT)
f. w. OVERALL FRAME WIDTH (ALUMINUM STOREFRONT)
r.w.o. OVERALL ROUGH WALL OPENING
A.F.F. ABOVE FINISHED FLOOR
ALUM. ALUMINUM
H.M. HOLLOW METAL

WINDOW SCHEDULE NOTES:

NOTES APPLY TO ALL WINDOWS AND ARE SUPPLEMENTARY TO THE SPECIFICATIONS

SITE VERIFY ALL WINDOW SIZES SHOWN PRIOR TO ORDERING ANY WINDOW MATERIALS AND RELATED ACCESSORIES.

PROVIDE MANUAL DESIGNER ROLLER SUN-BLOC FABRIC SHADES ON EXTERIOR WINDOWS MK. "C","Ca","D","E","G", &"Ga" AND INTERIOR DOORS/WINDOWS IN AREAS 111,130, & 139 SITE VERIFY SIZES & CONDITIONS FOR MOUNTING OF ALL ROLLER SHADES, PROVIDE ALL REQUIRED COMPONENTS/HARDWARE TO ENSURE SHADES ARE ADEQUATELY SECURED. ROLLER SHADES PROVIDED BY SECTION 12 49 20 IN SPECIFICATIONS. (SITE VERIFY OPENING SIZES & WALL CONDITIONS/MATERIALS SHADES ARE TO BE MOUNTED TO.) ALL ROLLER SHADES ARE TO BE SECURELY INSTALLED IN A NEAT FINISHED MANNER & LEVEL.

PROVIDE APPROPRIATE LINTELS,HEADERS, & FLASHING OVER ALL EXTERIOR WINDOW OPENINGS.

PROVIDE WATERTIGHT/VAPORTIGHT INSTALLATION OF ALL EXTERIOR WINDOWS.

ALL GLASS IN NON-RATED DOORS, WINDOWS, OR ADJACENT SURFACES SHALL BE TEMPERED SAFETY GLASS.

TYP. BELOW SILL AT EACH EXTERIOR WINDOW OPENING, GENERAL CONTRACTOR SHALL PROVIDE A 24 GA. "COLOR-KLAD" SILL FLASHING PAN WITH END DAMS, SLOPE SILL FLASHING 1/8" TOWARDS EXTERIOR & HOOK OVER BACK OF ALUMINUM STOREFRONT FRAMING/SILL - SEE DETAIL C/A7.6, (PROVIDED & INSTALLED BY G.C.)

ALL SILL PANS FOR WINDOW FRAMES & THRESHOLDS FOR DOORS SHALL BE FULLY SET IN BEAD OF CLEAR SEALANT TO ENSURE WEATHER-TIGHTNESS.

SUPPLIER/INSTALLER SHALL VERIFY THAT EXTERIOR STOREFRONT DOORS/WINDOWS SHOWN ARE CAPABLE OF SUSTAINING A STRUCTURAL LOAD OF 25 POUNDS PER SQUARE FOOT AND THAT ANCHORS USED TO SECURE STOREFRONT FRAMING/WINDOW RECEPTORS TO ANY BUILDING FRAMING, STEEL, OR BUILDING STRUCTURE ARE ADEQUATE ENOUGH TO SUPPORT ALL REQUIRED STRUCTURAL LOADS PER I B C.

ALL INTERIOR ALUMINUM STOREFRONT FRAMING SHALL BE CENTER-SET AND GLAZED ON INTERIOR ROOM SIDE OF OPENINGS; SEE SECTION 08 41 13 IN SPECS. AND WINDOW DETAILS.

ELEVATIONS AND DETAILS FOR ALL INTERIOR ALUMINUM STOREFRONT FRAMING SHOWN ON PLANS & ELEV. THIS SHEET IS BASED ON "TRI-FAB VG 450 SERIES" ALUMINUM STOREFRONT CENTER SET FRAMING AS MANUF. BY "KAWNEER", EQUAL PRODUCTS BY "CORAL", "MANKO", "VISTAWALL", OR "U.S. ALUMINUM " MAY BE SUBSTITUTED & USED.

DOOR HARDWARE SCHEDULE (by section 08 71 00)

SEE DOOR LOCATIONS ON FLOOR PLANS ON SHEETS A1.1 & A1.2 FOR REFERENCED HARDWARE LOCATIONS .

INCLUDE IN BID ALL COST TO CHANGE CURRENT KEYING AT EXISTING EXTERIOR DOOR LOCK KEYING TO MATCH THE NEW MASTER KEYING SYSTEM. INCLUDE CORES IF REQUIRED.

HW 1
AUTOMATIC SLIDING ENTRANCE DOOR SYSTEM

2 EACH CYLINDER (VERIFY MANUF. & FINISH)
BALANCE OF REMAINING HARDWARE SHALL BE PROVIDED BY AUTOMATIC ENT. DOOR SUPPLIER, RE: SECTION 08 46 00

HW 2
EXTERIOR SINGLE - ALUMINUM ENTRANCE DOOR SYSTEM
3070 1 ¾" AD X AF
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
BALANCE OF REMAINING HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13

HW 3
DELETED FROM PROJECT

HW 4
EXTERIOR SINGLE – EXIT/ENTRY DOOR W/ PANIC HARDWARE
3070 1 ¾" MD X MF
3 EACH HINGES 5BB1 4 ½" X 4 ½" 32D NRP BY "IVES"
1 EACH CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH RIM EXIT DEVICE 25-R-L 510L QUAN 32D BY "FALCON"
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
1 EACH WEATHER-STRIP 155V 36" X 84" BY "NGP"
1 EACH SWEEP 101V 36" BY "NGP"
1 EACH THRESHOLD 896V 36" WS/PA BY "NGP"
1 EACH DRIP CAP 16A 40" BY "NGP"

HW 4a
EXTERIOR SINGLE – EXIT DOOR (NO ENTRY)
W/ PANIC HARDWARE
3070 1 ¾" MD X MF
3 EACH HINGES 5BB1 4 ½" X 4 ½" US 26D BY "IVES"
1 EACH CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH RIM EXIT DEVICE 25-R-EO (NO ENTRY) QUAN 626 BY "FALCON"
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
1 EACH WEATHER-STRIP 155V 36" X 96" BY "NGP"
1 EACH SWEEP 101V 36" BY "NGP"
1 EACH THRESHOLD
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW 5
INTERIOR SINGLE – PUBLIC RESTROOMS
3070 1 ¾" WD X MF
1 EACH CONT. GEARED HINGE 157XYHD 83" AL BY "IVES"
1 EACH CLOSER SC81 RW/PA TBWMS AL FULL BY "FALCON"
1 EACH PUSH PLATE 8200 8"X16" 32D BY "IVES"
1 EACH PULL PLATE 8302-8 4"X16" 32D BY "IVES"
1 EACH KICK PLATE 8400 10"X34" 32D BY "IVES"
1 EACH MOP PLATE 8400 10"X35" 32D BY "IVES"
1 EACH SWEEP 97V 36" BY "NGP"
1 EACH FLOOR STOP FS410 26D BY "IVES"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW 6
INTERIOR SINGLE – PRIVATE RESTROOM
3070 1 ¾" WD X MF (1ST FLR)
3068 PRE-HUNG DOOR UNIT (2ND FLR)
3 EACH HINGES 5BB1 4 ½" X 4 ½" 26D BY "IVES" OR
3 EACH HINGES INCLUDED WITH PRE-HUNG DOOR UNIT
1 EACH CLOSER SC81 RW/PA TBWMS AL BY "FALCON"
1 EACH ADA PRIVACY LOCK SET M301 QN 626 (W/ EMERGENCY RELEASE) BY "FALCON"
1 EACH FLOOR STOP FS410 BLK BY "IVES"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW 7
INTERIOR SINGLE - STORAGE/JANITOR/MAINTANCE
3070 1 ¾" WD X MF (1st flr)
3068 PRE-HUNG DOOR UNIT (2nd flr)
3 EACH HINGES 5BB1 4 ½" X 4 ½" 26D BY "IVES" OR
3 EACH HINGES INCLUDED WITH PRE-HUNG DOOR UNIT
1 EACH CLOSER SC71 RW/PA TBWMS AL BY "FALCON" (for janitor/maintance closet only)
1 EACH LOCK SET K581 QN 626 "FALCON" (int. lever for lock-set has free egress)
1 EACH SEAL S88BL 17" PEMKO (janitor closet only)
1 EACH KICK PLATE 8400 10"X34" 32D BY "IVES" (janitor closet only)
1 EACH FLOOR STOP FS410 BLK BY "IVES"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW 7f
INTERIOR SINGLE - CLIMATE CONTROL STORAGE
(90 MINUTE RATED)
3070 1 ¾" WD X MF
3 EACH HINGES 5BB1 4 ½" X 4 ½" 26D BY "IVES"
1 EACH RATED CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH RATED LOCK SET MA581L QN 626 BY "FALCON"
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
1 EACH INTUMESCENT FIRE SEAL 9450C X 96" BY "NGP"
1 EACH RATED DOOR BOTTOM 320N 36" BY "NGP"
1 EACH THRESHOLD 896V 36" WS/PA BY "NGP"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW 8
INTERIOR SINGLE - OFFICE/ BREAK ROOM
3070 1 ¾" WD X MF (1ST FLR)
3068 PRE-HUNG DOOR UNIT (2ND FLR)
3 EACH HINGES 5BB1 4 ½" X 4 ½" 26D BY "IVES" OR
3 EACH HINGES INCLUDED WITH PRE-HUNG DOOR UNIT
1 EACH LOCK SET MA571L QN 626 BY "FALCON"
1 EACH FLOOR STOP FS410 BLK BY "IVES"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW 8a
INTERIOR SINGLE - (ALUMINUM STOREFRONT DOOR)
3070 1 ¾" AD X AF
1 EACH CYLINDER FOR KEYED LOCK (VERIFY MANUF.& FINISH) *BALANCE OF REMAINING DOOR HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13*

HW 9
INTERIOR SINGLE – STAIRS/EGRESS CORRIDOR
(60 MINUTE RATED)
3070 1 ¾" WD X MF
3 EACH HINGES 5BB1 4 ½" X 4 ½" US 26D BY "IVES"
1 EACH RATED CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
1 EACH RATED RIM EXIT DEVICE F-25R-L 510L QUAN 626 BY "FALCON"
1 EACH CYLINDER (VERIFY MANUF. & FINISH)
1 EACH INTUMESCENT FIRE SEAL 9450C X 96" BY "NGP"
1 EACH SMOKE CONTROL SWEEP 97V 36" BY "NGP"
1 EACH FLOOR STOP FS410 BLK BY "IVES"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW 10
INTERIOR SINGLE – KITCHENETTE/BREAK ROOM
3070 1 ¾" WD X MF
3 EACH HINGES 5BB1 4 ½" X 4 ½" 26D BY "IVES"
1 EACH LOCK SET MA541FD QUA 626 "FALCON"
1 EACH FLOOR STOP FS410 BLK BY "IVES"
3 EACH FRAME SILENCER SR64 GREY BY "IVES"

HW11
INTERIOR PAIR -
(ALUMINUM STOREFRONT DOORS)
6070 1 ¾" AD X AF
2 EACH CYLINDER FOR KEYED LOCK (VERIFY MANUF. & FINISH)
BALANCE OF REMAINING DOOR HARDWARE SHALL BE PROVIDED BY ALUMINUM STOREFRONT DOOR SUPPLIER, RE: SECTION 08 41 13

HW12
INTERIOR PAIR - MEETING ROOMS
6070 1 ¾" WD X MF
2 EACH CONT. GEARED HINGE 157XYHD 83" AL BY "IVES"
2 EACH CLOSER SC71 RW/PA TBWMS AL BY "FALCON"
2 EACH EXIT DEVICE 25-RL 510L QUAN 32D BY "FALCON"
1 EACH KEYED REM MULLION KR4023 7' PRIME BY "FALCON"
2 EACH CYLINDER 20-061 626 (verify manuf.)
EACH KICK PLATE 8400 10"X34" 32D BY "IVES"
2 EACH SEAL 9450C X 96" BY "NGP"
6 EACH FRAME SILENCER SR64 GREY BY "IVES"

G-H
INTERIOR SINGLE - GATE
3030 1 ¾" WD X WF
1 SET GATE HYOTS-4007RB 10B BY "MCKINNEY"
1 EACH ROLLER LATCH 590DA 626 BY "ROCK WOOD"
1EACH DUMMY TRIM SET W/ ADA COMPLIANT LEVER QN 626 BY "FALCON"

LH
INDICATES EXISTING INTERIOR DOOR AND DOOR HARDWARE SHALL REMAIN AT EACH REFERENCED OPENING BY THIS DESIGNATION. DOOR WIDTHS VARY PER OPENING.
ALL DOOR HARDWARE FOR THESE DOORS SHALL REMAIN EXCEPT FOR LEVER-SET/STRIKES WHICH SHALL BE REMOVED AND REPLACED WITH A NEW ada COMPLIANT QUANTUM SERIES LEVER-SET & STRIKE BY "FALCON". LOCK-SET FUNCTION WILL VARY PER OPENING, SEE FLOOR PLAN FOR LOCK-SET FUNCTION THAT WILL NEED TO BE PROVIDED. SEE FLOOR PLANS AND SITE VERIFY EXISTING CONDITIONS PRIOR TO BIDS. (PATCH THESE DOORS WHERE DAMAGED DUE TO HARDWARE REMOVAL/REPLACEMENT)

HARDWARE SCH. NOTES

CONFIRM WITH OWNER KEYING FOR ALL LOCK SETS SHOWN IN HARDWARE SCH.

SEE SECTION 08 71 00 IN SPECIFICATIONS FOR ADDITIONAL HARDWARE INFORMATION & APPROVED EQUALS TO MANUF. LISTED IN HARDWARE TYPES SHOWN IN SCHEDULE

FINISH FOR ALL DOOR HARDWARE SHALL CLOSELY MATCH OR BE SATIN CHROMIUM PLATED

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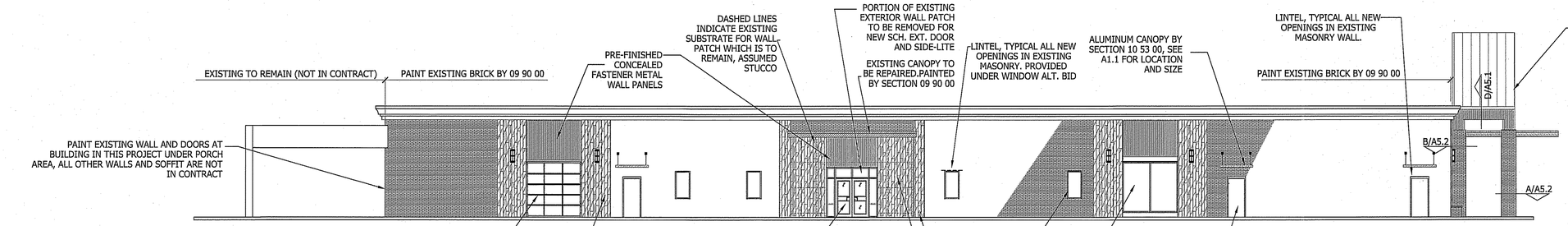
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

WINDOW SCHEDULE & DOOR HARDWARE SCH.

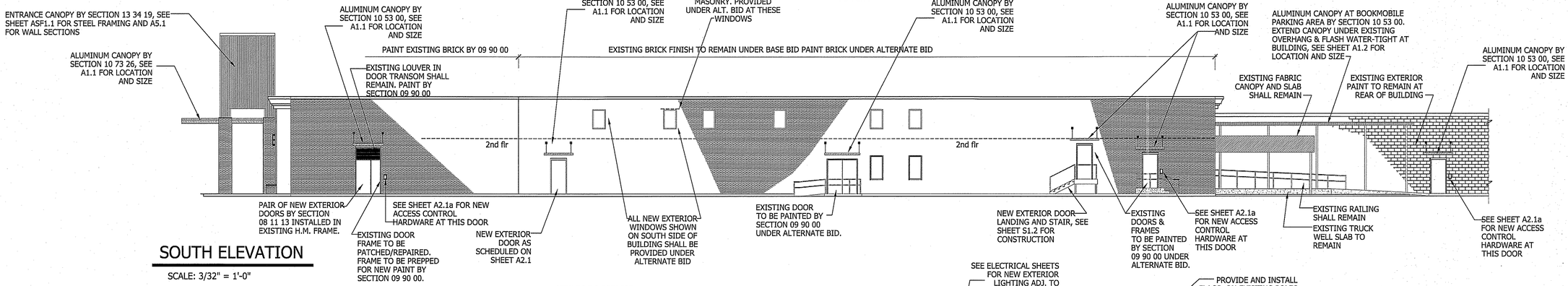
A2.2

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"



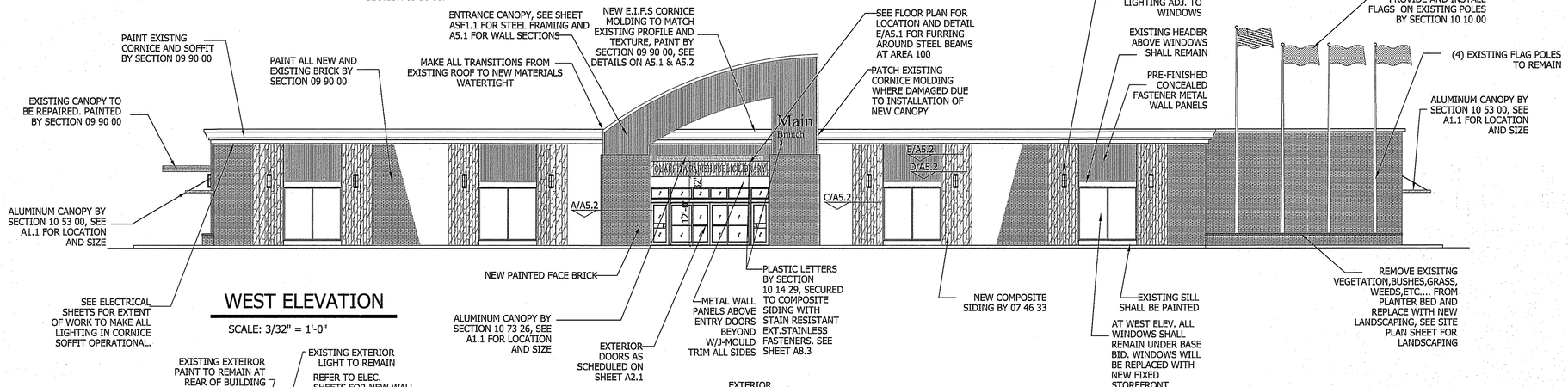
NORTH ELEVATION

SCALE: 3/32" = 1'-0"



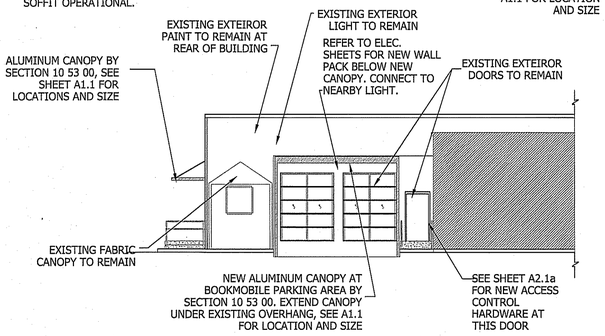
SOUTH ELEVATION

SCALE: 3/32" = 1'-0"



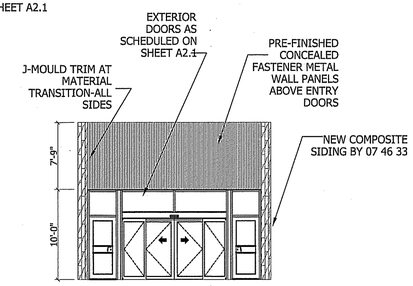
WEST ELEVATION

SCALE: 3/32" = 1'-0"



EAST ELEVATION

SCALE: 3/32" = 1'-0"



WEST ELEV. AT FRONT ENTRY DOORS

SCALE: 1/8" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 3/32" = 1'-0"

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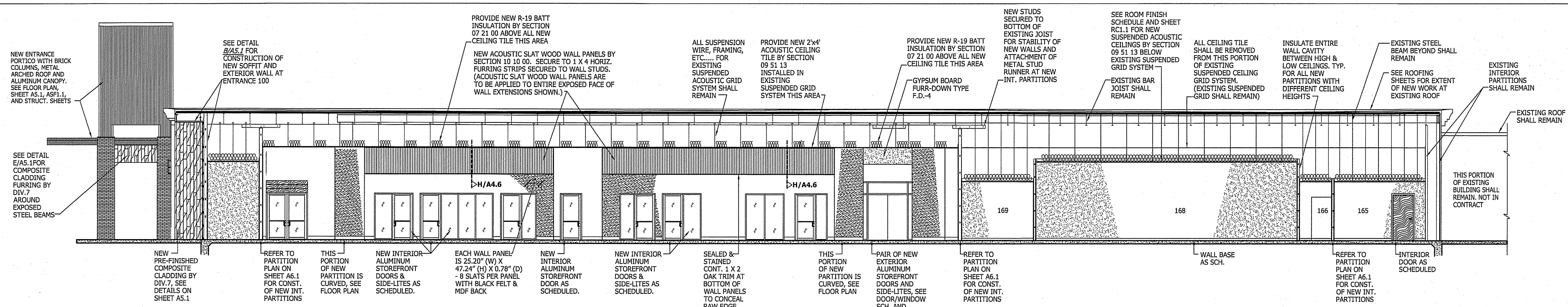
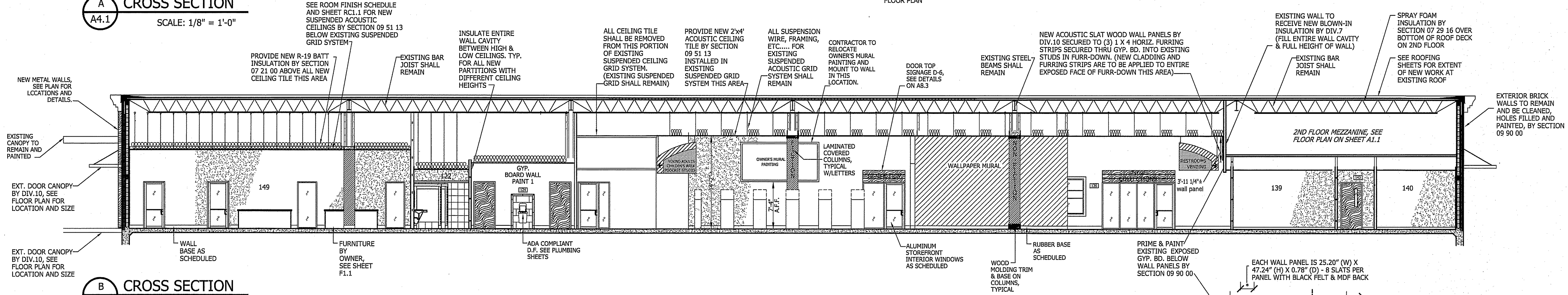
DRAWN BY: RM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

EXTERIOR ELEVATIONS

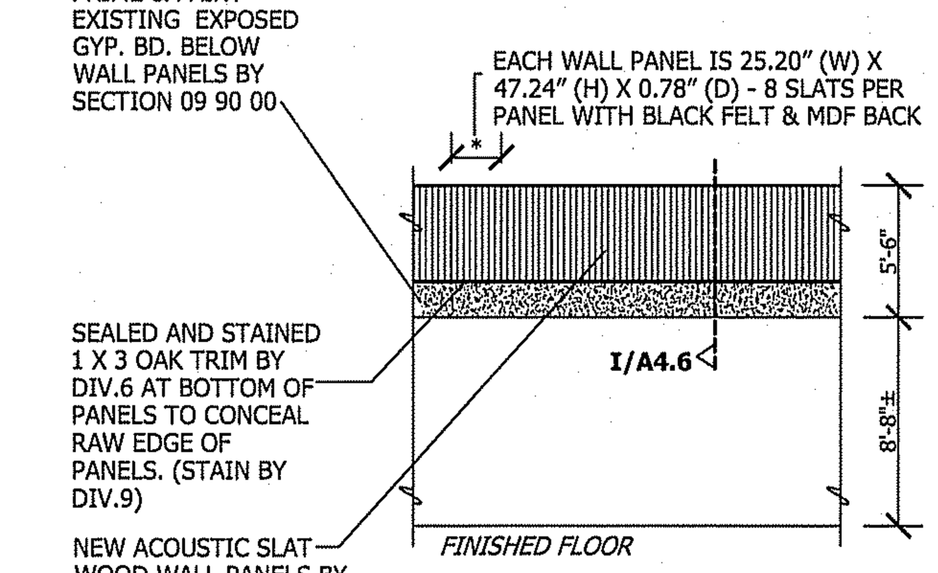
A3.1



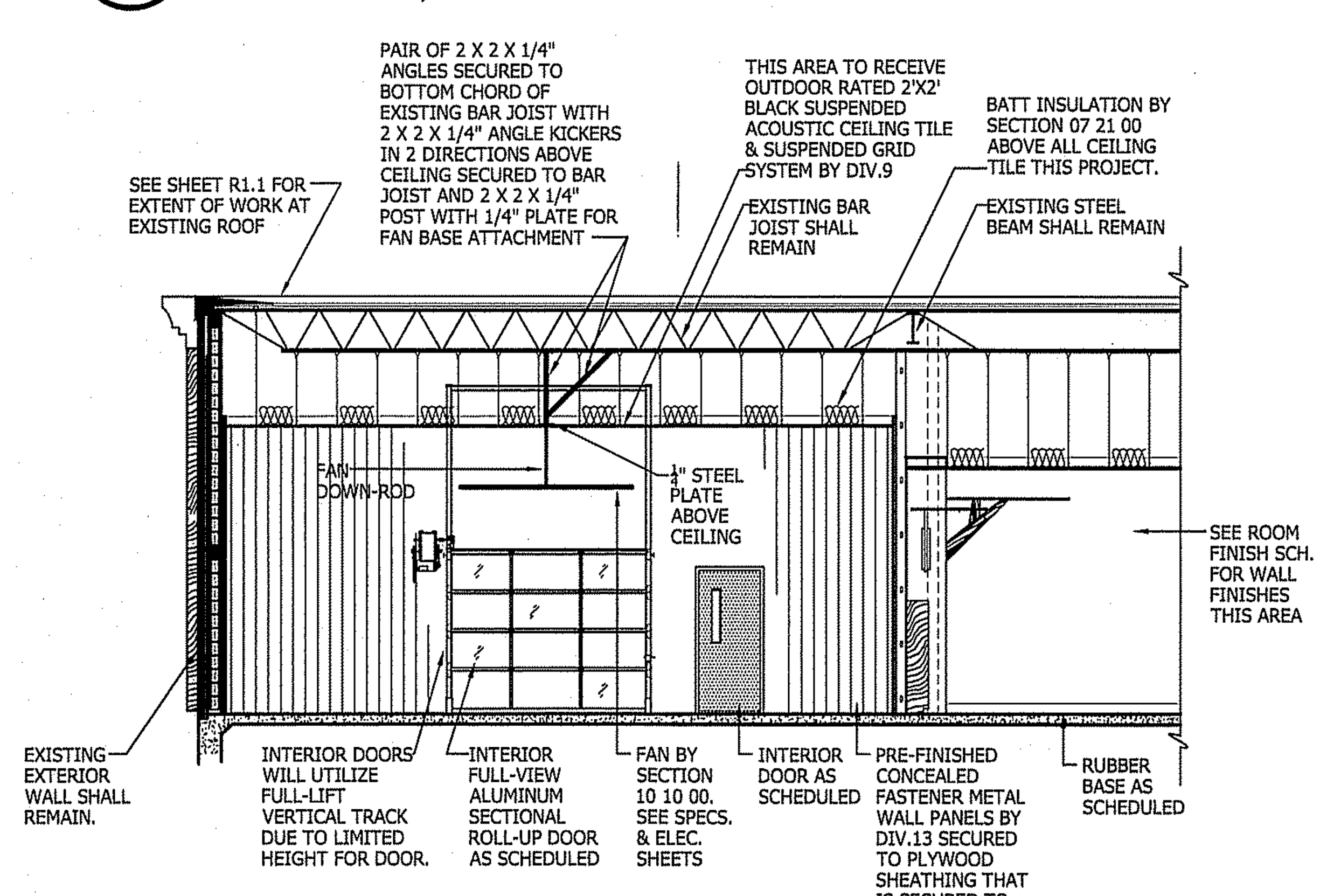
A CROSS SECTION A4.1
SCALE: 1/8" = 1'-0"



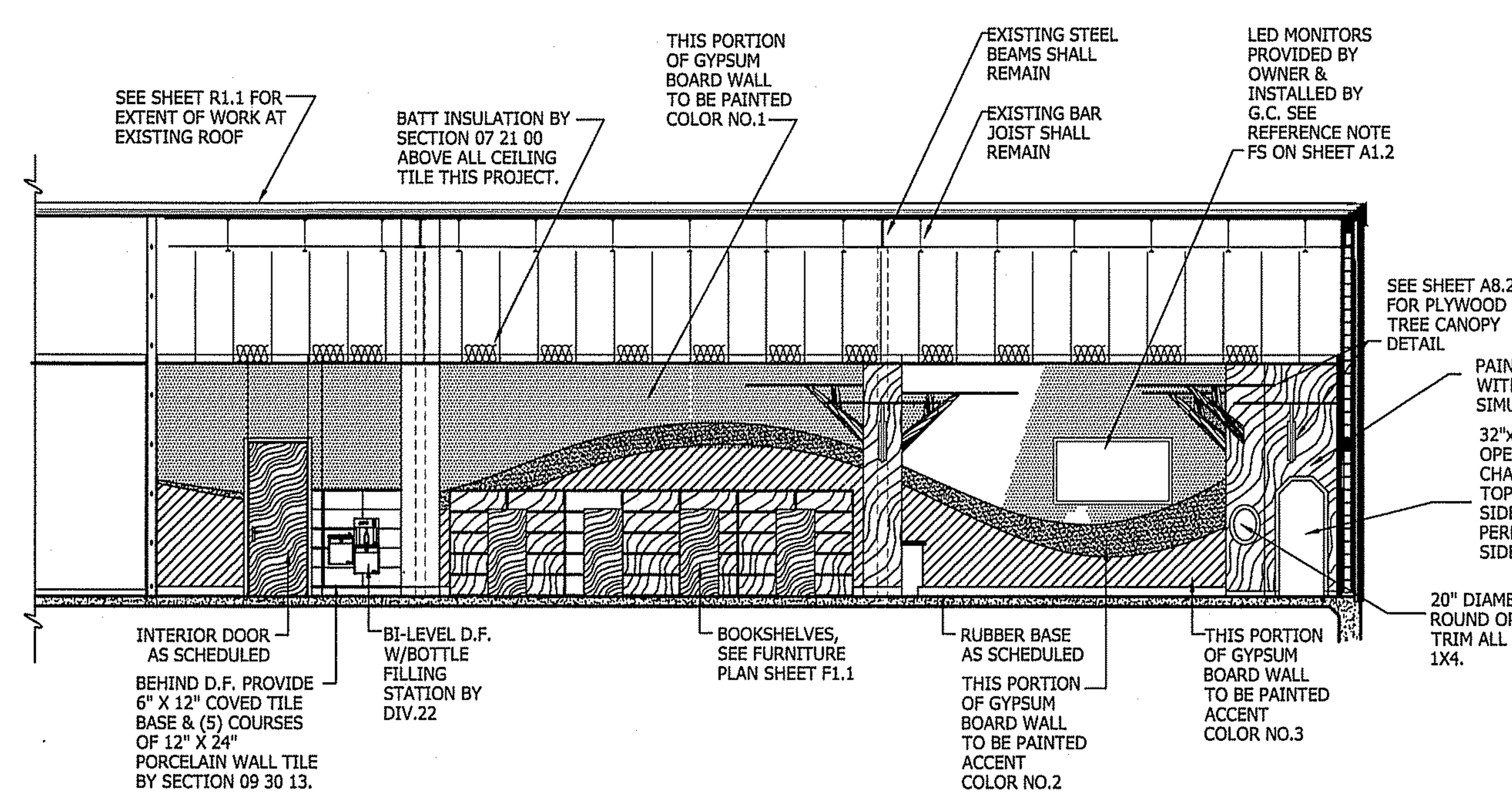
B CROSS SECTION A4.1
SCALE: 1/8" = 1'-0"



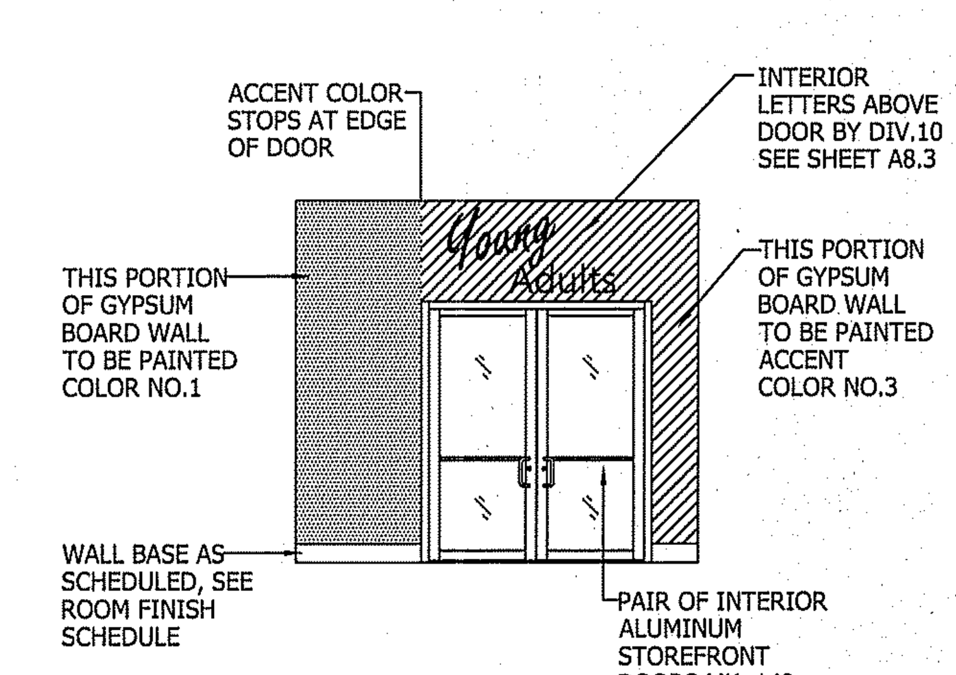
PARTIAL INT. ELEV.
AT EXISTING FURR-DOWN
SCALE: 1/8" = 1'-0"



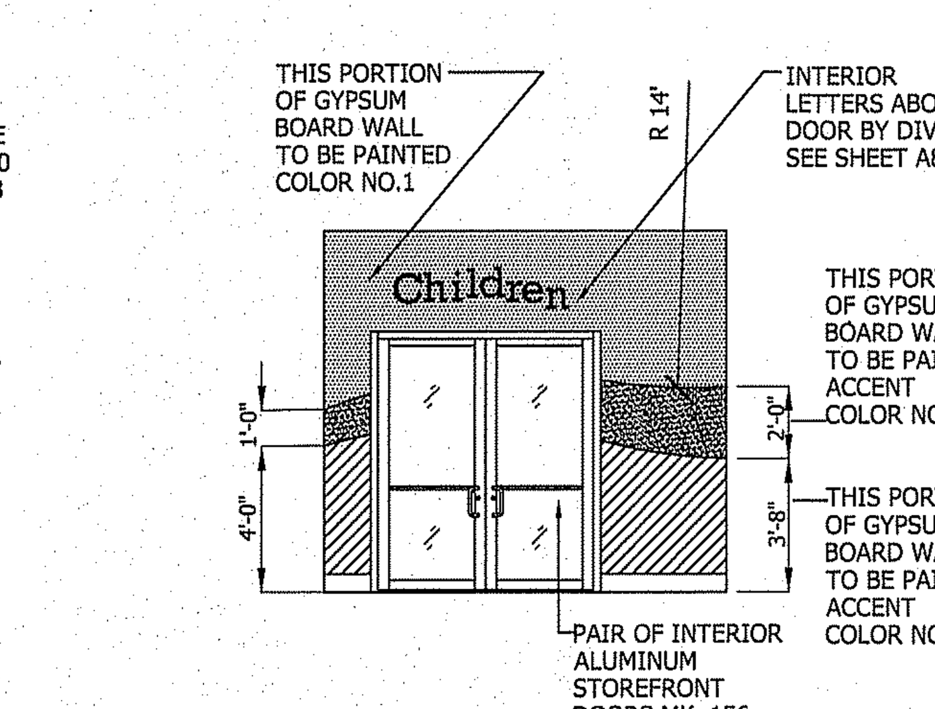
C CROSS SECTION A4.1
AREA 154 SCALE: 1/8" = 1'-0"



D CROSS SECTION A4.1
AREA 156 SCALE: 1/8" = 1'-0"



E INT. ELEVATION AT A4.1
DOOR 149 (AREA 147 SIDE OF DOOR)
SCALE: 3/16" = 1'-0"



F INT. ELEVATION AT A4.1
DOOR 156 (AREA 147 SIDE OF DOOR)
SCALE: 3/16" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1/8" = 1'-0"

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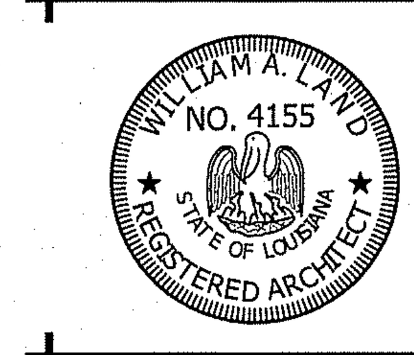

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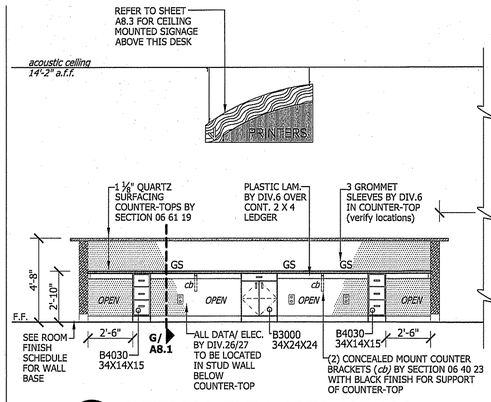
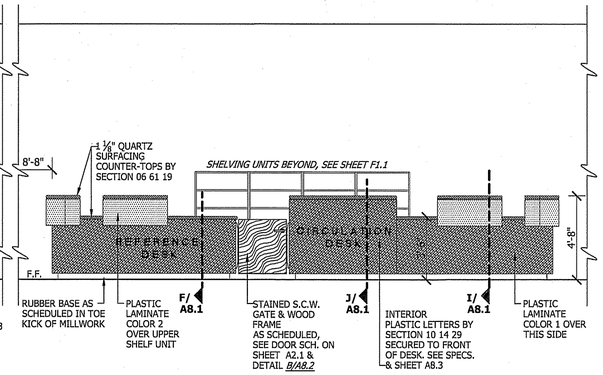
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

CROSS SECTIONS

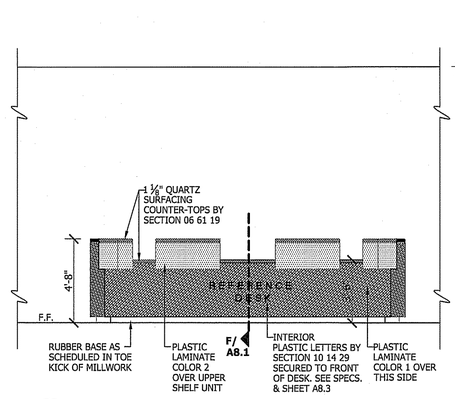
A4.1



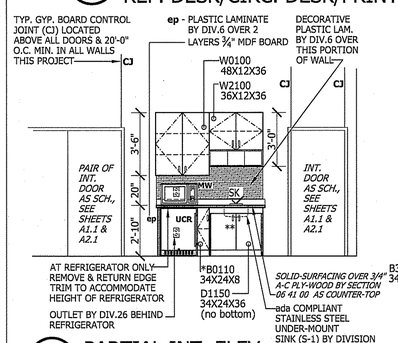
A A4.2 INTERIOR ELEV. AREA 105/106
REF. DESK/CIRC. DESK/PRINTER STATION



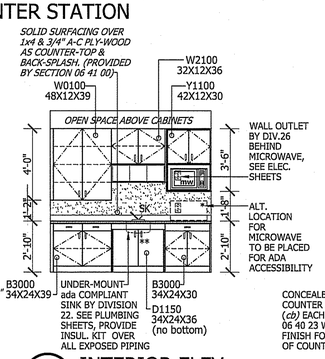
B A4.2 END ELEV. AT RIGHT SIDE OF
REFERENCE DESK/CIRC. DESK
(opposite left end sim.)



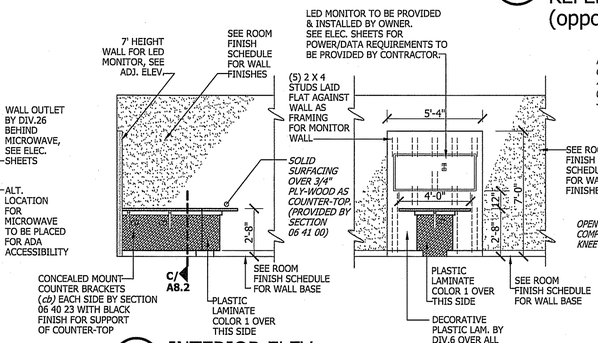
C A4.2 INT. ELEV. AREA 106
PRINTER STATION



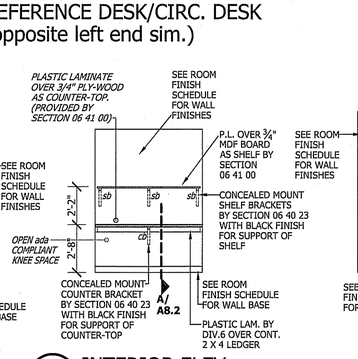
D A4.2 PARTIAL INT. ELEV.
AREA 118



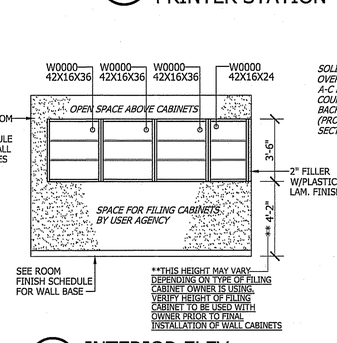
E A4.2 INTERIOR ELEV.
AREA 120



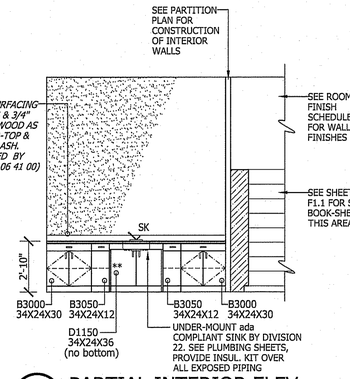
F A4.2 INTERIOR ELEV.
AREA 125
AREAS 131,151,& 159 sim.



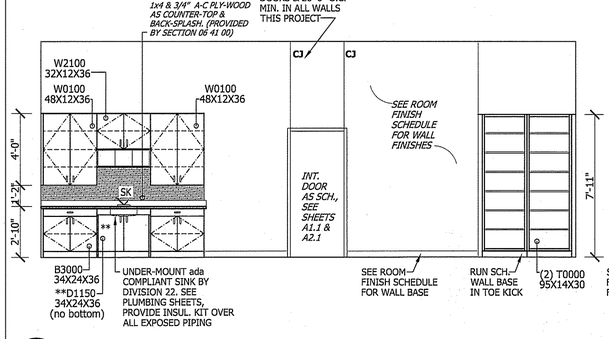
G A4.2 INTERIOR ELEV.
AREA 126
AREAS 127,128,& 129 sim.



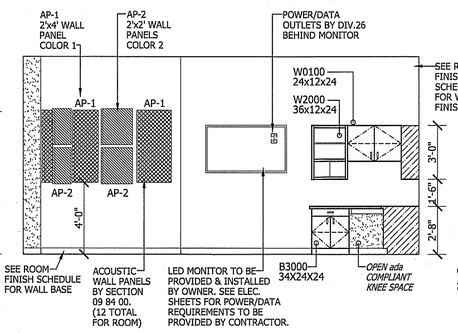
H A4.2 INTERIOR ELEV.
AREA 145 - east wall
west wall sim.



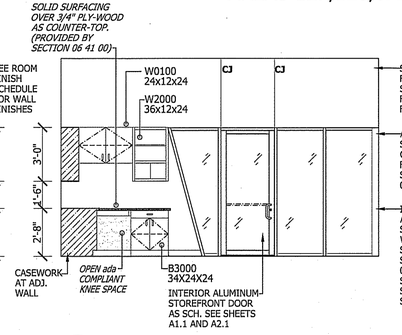
P A4.2 PARTIAL INTERIOR ELEV.
AREA 149 - (west wall)



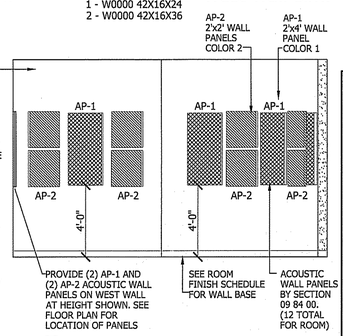
I A4.2 INTERIOR ELEV.
AREA 153 - south wall



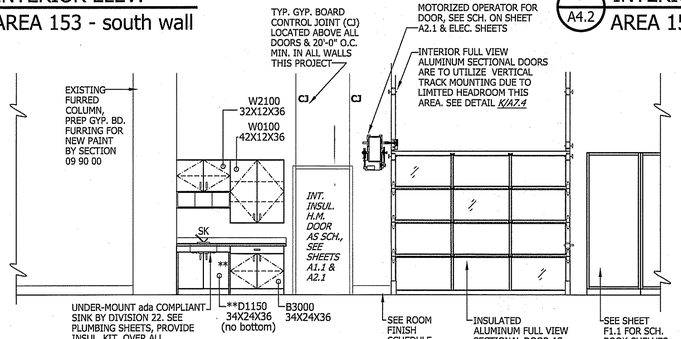
J A4.2 INTERIOR ELEV.
AREA 155 - east wall



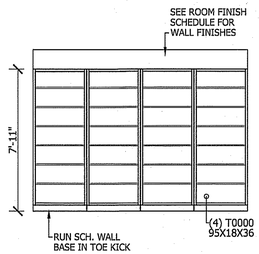
K A4.2 INTERIOR ELEV.
AREA 155 - south wall



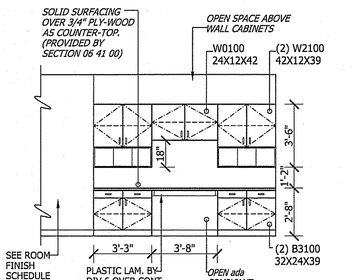
K A4.2 INTERIOR ELEV.
AREA 155 - north wall



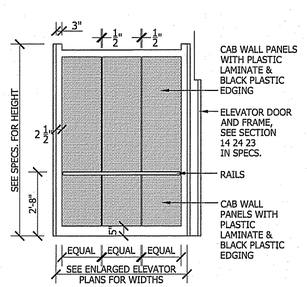
L A4.2 PARTIAL INTERIOR ELEV.
AREA 156 - (west wall)



M A4.2 INTERIOR ELEV.
AREA 163



N A4.2 PARTIAL INTERIOR ELEV.
AREA 165, AREA 177 sim.



O A4.2 INT. ELEV. AT
ELEVATOR CAB WALL SCALE: 1/2" = 1'-0"

WEST WALL IS SIM.
1 - W0000 42X16X24
2 - W0000 42X16X36

SCALE FOR ALL INTERIOR ELEVATIONS THIS SHEET: ¼" = 1'-0"

GENERAL NOTES:
FOR CASEWORK BY SECTION 06 41 00

NOTE: NUMBERS SHOWN FOR EACH TYPE OF CASEWORK ON INT. ELEV. THIS SHEET IS BASED ON PRODUCTS BY "CASE SYSTEMS" TO ESTABLISH SIZING & TYPE OF CABINETRY DESIRED. OTHER CASEWORK MANUF. MAY BE SUBSTITUTED & USED.

- *REFER TO SECTION 06 41 00 IN SPECIFICATIONS FOR A LIST OF APPROVED CASEWORK MANUFACTURERS.*
- *DIMENSIONS SHOWN ON CASEWORK ELEVATIONS INDICATE HEIGHT X DEPTH X WIDTH OF EACH CASEWORK TYPE SHOWN.*
- *PROVIDE PLY-WOOD UNDER-LAYMENT FOR COUNTER-TOPS WHERE INDICATED ON CASEWORK ELEVATIONS. THIS REQUIREMENT IS INTENTIONALLY MORE STRINGENT THAN CASEWORK SPECS. INDICATE DUE TO HIGH ABUSE OR WET LOCATIONS.*
- *APPLY SCHEDULED WALL BASE TO THE TOE SPACE & EXPOSED SIDES OF ALL BASE CABINETS.*
- *ALL FILLER PANELS AT CASEWORK SHALL BE ABSOLUTE MINIMUM IN SIZE & QUANTITY.*
- *ALL CABINETS SHALL HAVE FULLY CONCEALED SELF CLOSING HINGES, SEE SECTION 06 41 00 IN SPECS.*
- *ALL OUTSIDE CORNERS OF CASEWORK COUNTER-TOPS SHALL BE EITHER ROUNDED OR CHAMFERED TO PREVENT AN ABRUPT SHARP END .*
- *RECESS ALL FASTENERS AT CASEWORK THAT IS SECURED TO WALLS, ALL FASTENERS SHALL NOT BE VISIBLE. FULLY FILL VOIDS AT EACH FASTENER WITH A PRE-FINISHED CAP TO MATCH FINISH OF CABINET BACK. CAP SHALL BE FLUSH WITH ADJACENT MATERIAL OF CABINET BACK.*

GENERAL NOTES:

GENERAL CONTRACTOR SHALL PROVIDE SOLID BLOCKING IN WALLS BEHIND ALL CABINETS SHOWN ON INT. ELEV. THIS SHEET AS REQUIRED TO ENSURE SECURE ATTACHMENT OF ALL WALL CABINETS.

REFER TO APPLIANCE SCHEDULE ON SHEET A1.2 FOR EXTENT OF APPLIANCES THAT ARE TO BE PROVIDED AND INSTALLED BY G.C.

SK- TYPICAL FOR ALL NEW ADA ACCESSIBLE SINKS SHOWN ON INT. ELEVATIONS THIS SHEET. SINKS SHALL BE 34" MAX. HEIGHT TO TOP RIM OF SINK. ADJUST HEIGHT OF END PANELS & COUNTER-TOP AS REQUIRED TO MAINTAIN A MAX. 34" HEIGHT.)

** CASEWORK SINK CABINET SHOWN ON INTERIOR ELEVATIONS WITH THIS MARK ARE WHEELCHAIR ACCESSIBLE WITH NO BOTTOM AND POCKET DOORS THAT SLIDE INTO CABINET FOR FOR ADA ACCESSIBILITY. WHEN CABINET DOORS ARE OPENED & RE-TRACTED, OPEN KNEE SPACE HAS REQUIRED MIN. CLEARANCES OF 27"H X 30"W FOR ADA ACCESSIBILITY.

ALTERNATE BIDS:
SEE SECTION 01 23 00 IN SPECS. FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATE BIDS.

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

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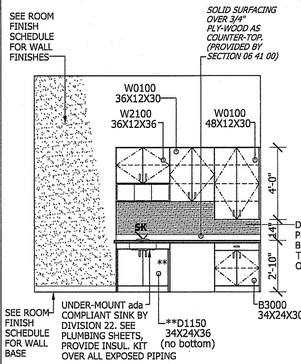
71201-5786

WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

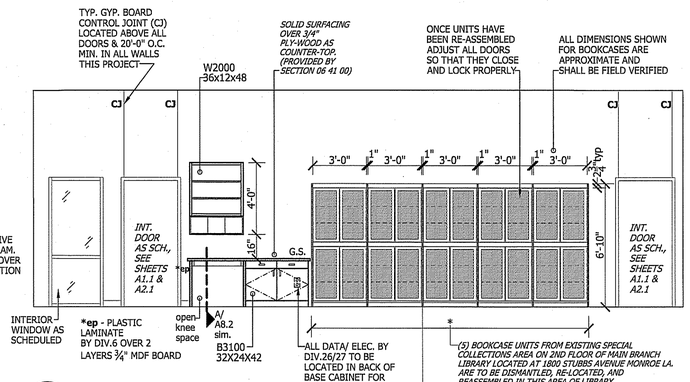
DRAWN BY: GWM
CHK'D BY: WAL
JOB #: 1963
DATE: 08/2024

INTERIOR ELEVATIONS

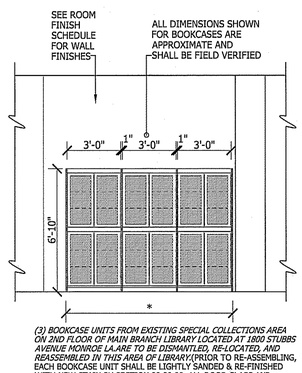
A4.2



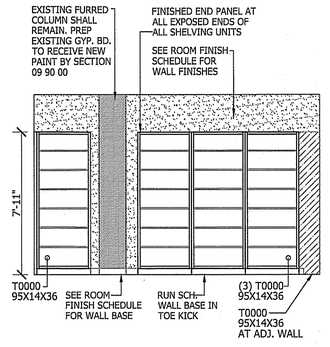
A A4.3 INTERIOR ELEV.
AREA 170 - south wall



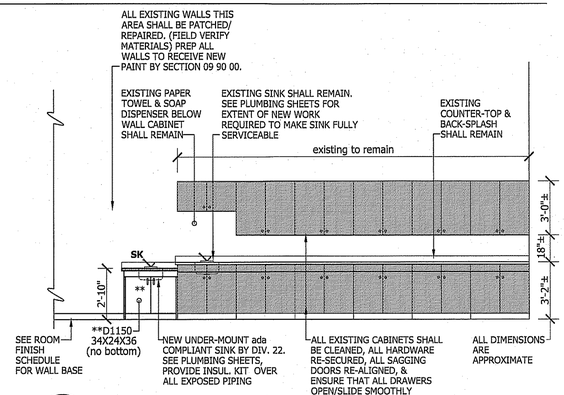
B A4.3 INTERIOR ELEV.
AREA 170 - east wall



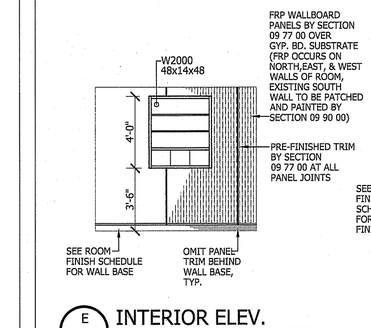
PARTIAL INTERIOR ELEV.
AREA 170 - west wall



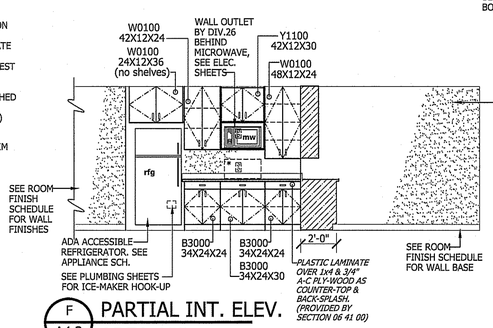
C A4.3 INTERIOR ELEV.
AREA 172 - south wall



D A4.3 INTERIOR ELEV.
AREA 180 - south wall

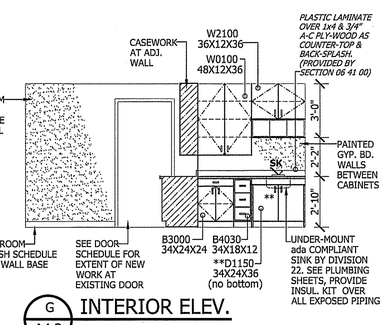


E A4.3 INTERIOR ELEV.
AREA 181 - north wall

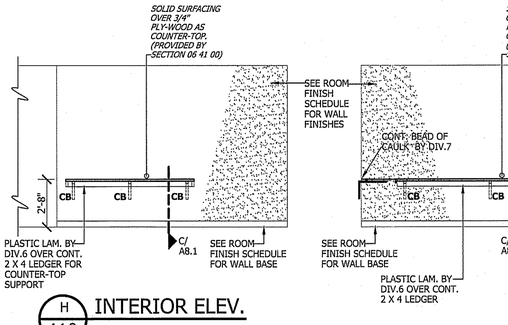


F A4.3 PARTIAL INT. ELEV.
AREA 183

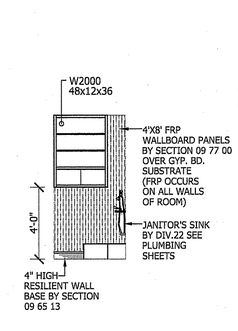
* ALTERNATE LOCATION FOR MICROWAVE TO BE PLACED FOR ADA ACCESSIBILITY.



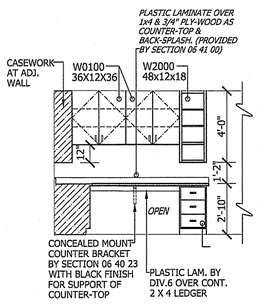
G A4.3 INTERIOR ELEV.
AREA 183



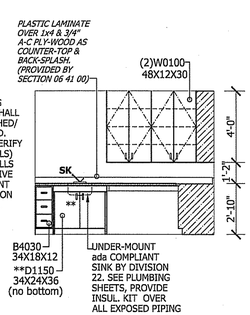
H A4.3 INTERIOR ELEV.
AREA 191



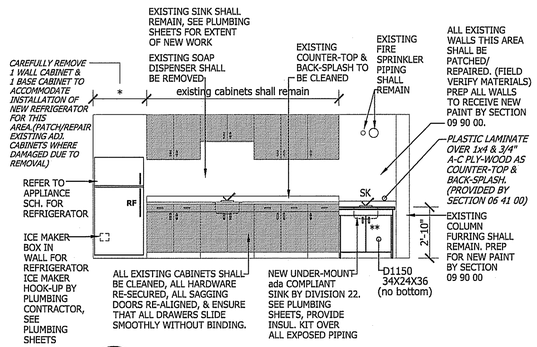
I A4.3 INTERIOR ELEV.
AREA 208



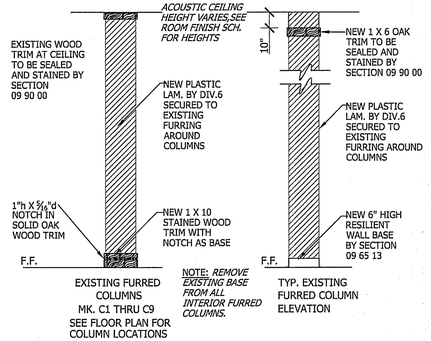
J A4.3 INTERIOR ELEV.
AREA 213 - north wall



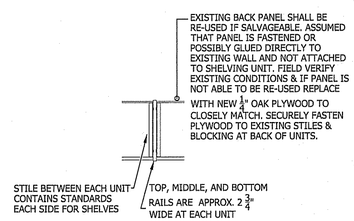
K A4.3 INTERIOR ELEV.
AREA 213 - west wall



L A4.3 INTERIOR ELEV.
AREA 218



M A4.3 COLUMN FURRING ELEVATION



N A4.3 RE-LOCATED BOOKCASE SECTION - n.t.s.

SCALE FOR ALL INTERIOR ELEVATIONS THIS SHEET: 1/4" = 1'-0"

GENERAL NOTES:
FOR CASEWORK BY SECTION 06 41 00

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ALTERNATE BIDS:
SEE SECTION 01 23 00 IN SPECS. FOR COMPLETE LIST AND DESCRIPTION OF ALTERNATE BIDS.

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

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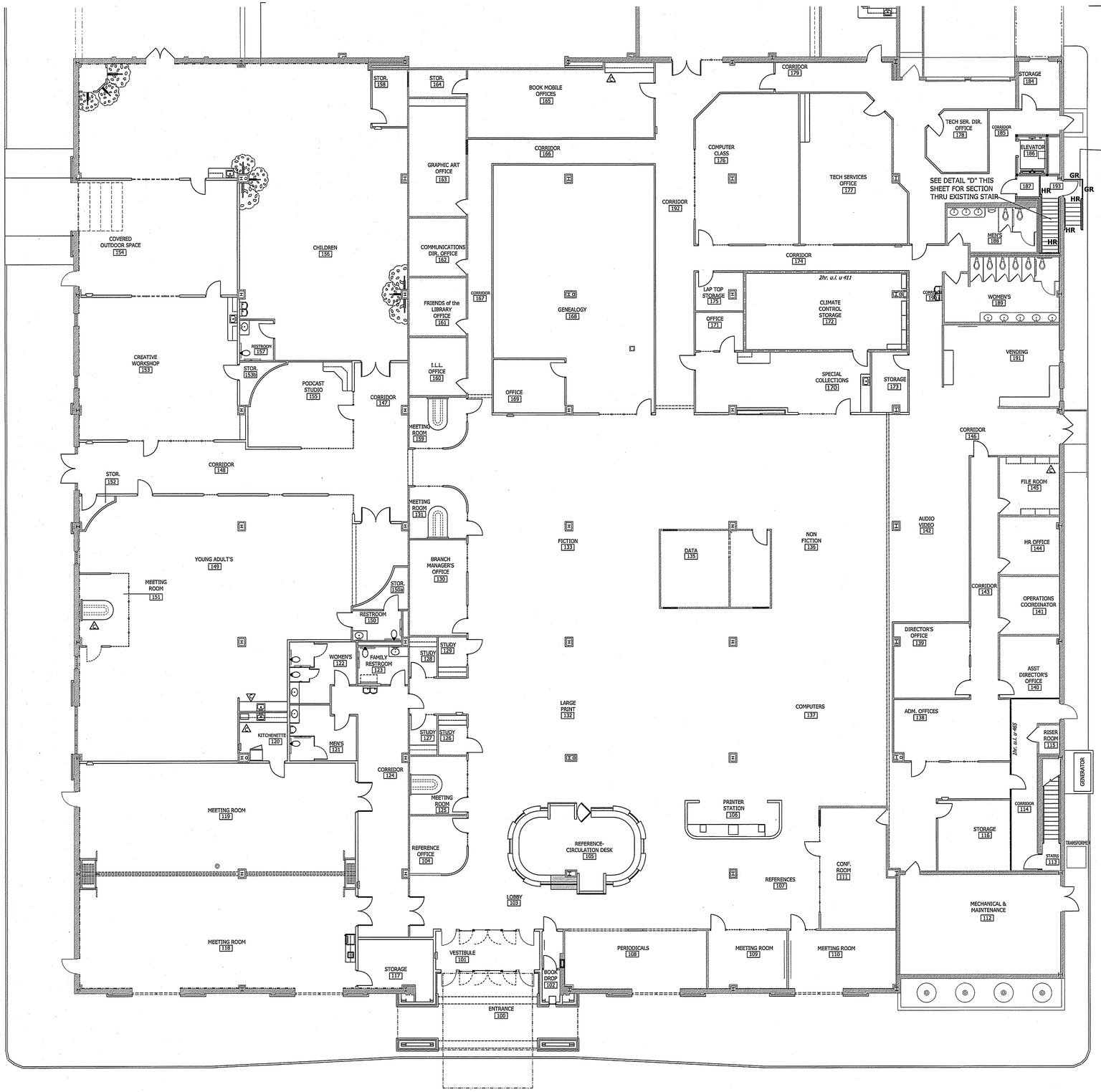
WILLIAM A. WILLIAMS NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

INTERIOR ELEVATIONS

A4.3



1st FLOOR PLAN

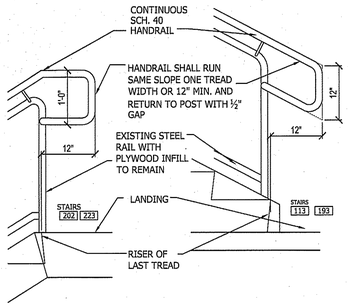
SCALE: 3/32" = 1'-0"

REF. NORTH

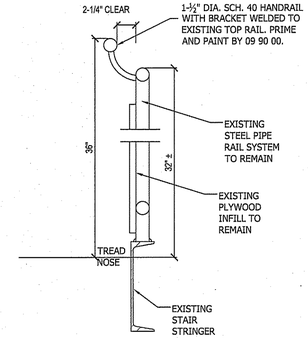
2nd FLOOR PLAN

SCALE: 3/32" = 1'-0"

REF. NORTH

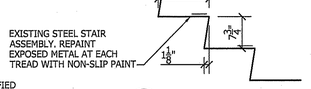


B A4.4 HANDRAIL (HR) RETURN DETAILS

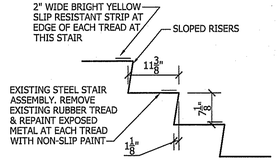


C A4.4 HANDRAIL SECTION AT EXISTING STAIRS

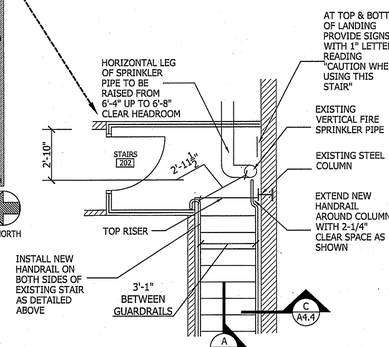
NOT TO SCALE



D A4.4 EXISTING STAIR 193 SECTION



A A4.4 EXISTING STAIR 113 SECTION



ENLARGED PLAN AT STAIR 113 UPPER LANDING

SCALE: 1/4" = 1'-0"

REF. NORTH

SHEET SIZE: 24 X 36 SCALE: 1/16" = 1'-0"

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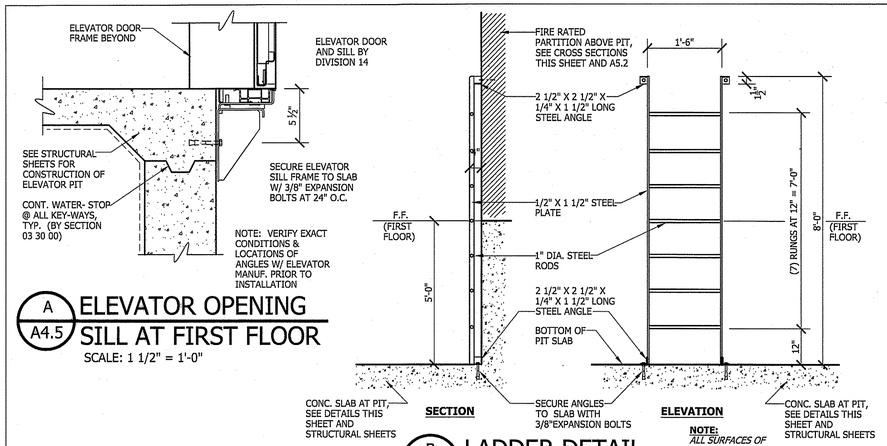
DRAWN BY: LOH
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

EXISTING INTERIOR STAIR MODIFICATIONS

A4.4



A / A4.5 ELEVATOR OPENING SILL AT FIRST FLOOR

SCALE: 1 1/2" = 1'-0"

NOTE: *ALL SURFACES OF LADDER SHALL BE PRIMED AND PAINTED BY SECTION 09 90 00 IN SPECIFICATIONS*

B / A4.5 LADDER DETAIL AT ELEVATOR PIT

NOT TO SCALE (1 REQUIRED) BY SECTION 05 50 00

IMPACT LOADS

VERTICAL LOADS AT PIT (BUFFER IMPACT)		VERTICAL LOADS AT PIT UNDER GUIDE RAILS (INCLUDING IMPACT LOAD DUE TO SAFETIES APPLICATION, GOVERNOR LOAD AND EQUIPMENT ON RAILS)			
F9	F10	F8	F16	F17	F18
6305 LBF	8319 LBF	8983 LBF	11864 LBF	2833 LBF	2833 LBF
[28.0 KN]	[37.0 KN]	[40.0 KN]	[52.8 KN]	[12.6 KN]	[12.6 KN]

CAR RAIL LOADS

NON-SEISMIC		SEISMIC	
F	P	F	P
161 LBF	97 LBF	544 LBF	286 LBF
[715 N]	[432 N]	[2416 N]	[1269 N]

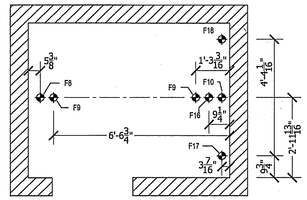
CWT-RAIL LOADS

NON-SEISMIC		SEISMIC	
F	P	F	P
64 LBF	5 LBF	575 LBF	267 LBF
[285 N]	[22 N]	[2554 N]	[1186 N]

STATIC RAIL LOADS FROM EQUIPMENT SUPPORTED

F8	F16	F17	F18
3632 LBF	6139 LBF	1823 LBF	1823 LBF
[16.2 KN]	[27.3 KN]	[8.1 KN]	[8.1 KN]

NOTE: F9 & F10 Do not occur simultaneously with F8 & F16



Load Points

F / A4.5 ELEVATOR LOAD TABLES

NOT TO SCALE

ELEVATOR GENERAL NOTES:

THE GENERAL CONTRACTOR SHALL PROVIDE THE FOLLOWING REQUIREMENTS:

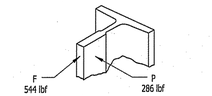
SEE SPECIFICATIONS SECTION 14 21 00. GENERAL CONTRACTOR SHALL REVIEW REQUIRED WORK AND DIMENSIONS WITH ELEVATOR CONTRACTOR PRIOR TO PIT & SHAFT CONSTRUCTION.

RULES REFERENCED ARE TAKEN FROM THE AMERICAN NATIONAL STANDARD ELEVATOR SAFETY CODE ASME A17.1; WHEN THE APPLICABLE LOCAL CODES INCLUDE OTHER REQUIREMENTS OR CONFLICTS WITH ASME 17.1, THE LOCAL CODES SHALL PREVAIL.

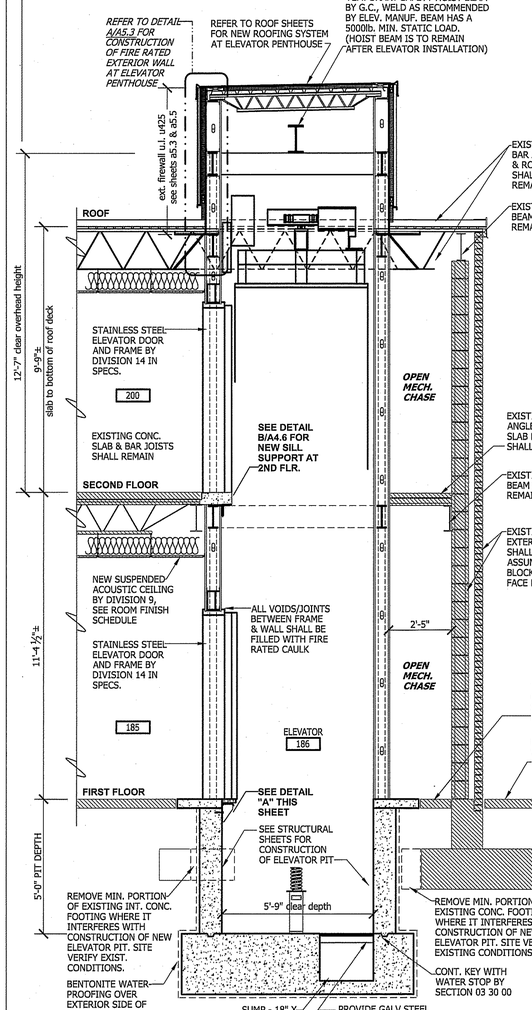
1. HOISTWAY ENCLOSURE SHALL BE FIRE RATED. (RULE 100.1)
2. VENTING OF THE HOISTWAY (RULE 100.4)
3. DRY PIT REINFORCED TO SUSTAIN VERTICAL FORCES FROM RAILS & BUFFERS. (RULES 106.1b, 100.2a, & 1308.2).
4. CONVENIENCE OUTLET AND LIGHT FIXTURE IN PIT. (RULE 106.1E).
5. PIT LADDER FOR ELEVATOR EXTENDING NO LESS THAN 3'-6" ABOVE BOTTOM LANDING AND ALL WALK-IN PITS. (RULE 106.1D).
6. ACCESS TO MACHINE ROOM AND MACHINERY SPACE. (RULE 101.3).
7. LIGHTING, VENTILATION, & HEATING OF MACHINE ROOM & MACHINERY SPACE (RULE 101.3) MACHINE ROOM TEMPERATURE TO BE MAINTAINED BETWEEN 55°F & 90°F.
8. A FUSED DISCONNECT SWITCH OR CIRCUIT BREAKER FOR ELEVATOR. LOCATE PER NATIONAL ELECTRICAL CODE (N.F.P.A NO.70 RULE 620-51A & 620-51B1) WHERE PRACTICABLE LOCATE INSIDE MACHINE ROOM ADJACENT TO DOOR.

TYPICAL ABBREVIATIONS:

BGS - DISTANCE BETWEEN CWT GUIDE RAILS
BK - CAR WIDTH (INSIDE)
BKS - DISTANCE BETWEEN CAR GUIDE RAILS
BS - HOISTWAY WIDTH
BT - ENTRANCE OPENING WIDTH (HOISTWAY)
DCL - DOOR CENTERLINE
HK - CAB HEIGHT TO UNDERSIDE OF CANOPY
HSG - PIT DEPTH
HSK - OVERHEAD HEIGHT
HT - ENTRANCE OPENING HEIGHT
RHD - RAIL HEAD DEPTH
RO - ROUGH OPENING
SG - CENTER LINE CWT RAIL
SKO - TOP RUN BY
SKU - BOTTOM RUN BY
TCRR - TOP OF CAR RAIL
TCWR - TOP OF CWT RAIL
TK - CAR DEPTH (INSIDE)
TKS - RUNNING CLEARANCE
TKSW - FRONT H/W WALL TO C/L RAILS
TS - HOISTWAY DEPTH
TSW - ENTRANCE SILL DEPTH

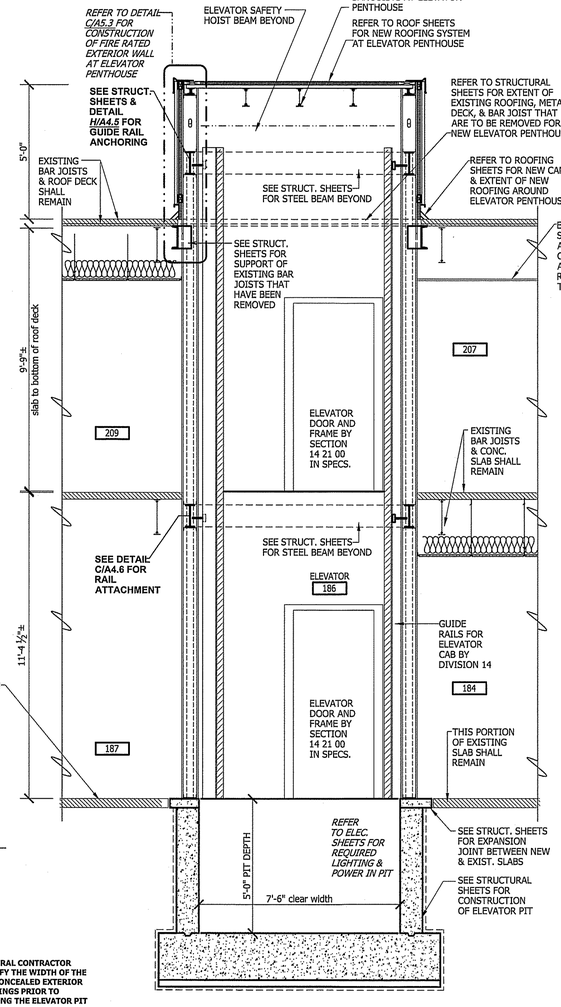


RAIL LOAD DIAGRAM



C / A4.5 SECTION THRU ELEVATOR SHAFT LOOKING EAST

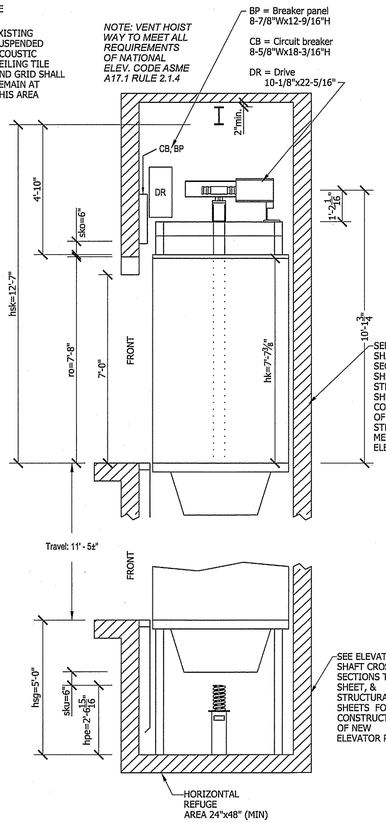
SCALE: 3/8" = 1'-0"



NOTE: GENERAL CONTRACTOR SHALL VERIFY THE WIDTH OF THE EXISTING CONCEALED EXTERIOR WALL FOOTINGS PRIOR TO ESTABLISHING THE ELEVATOR PIT LOCATION. ELEVATOR PIT DIMENSIONS SHALL BE REVIEWED BY GENERAL CONTRACTOR AND ELEVATOR CONTRACTOR PRIOR TO CONCRETE FORM WORK TO CONFIRM THAT THE ELEVATOR WILL FIT WITHIN THE LIMITED SPACE ALLOWED. NOTIFY ARCHITECT IMMEDIATELY OF ANY CONFLICTS, DISCREPANCIES, OR CHANGES.

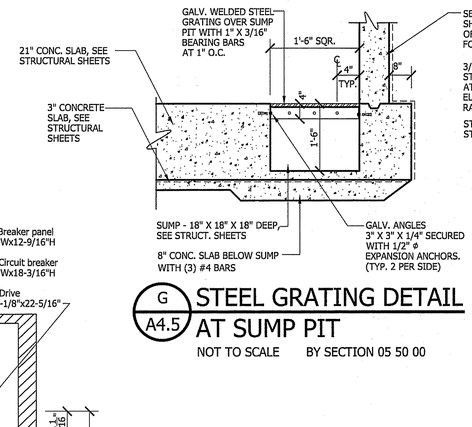
D / A4.5 SECTION THRU ELEVATOR SHAFT LOOKING NORTH

SCALE: 3/8" = 1'-0"



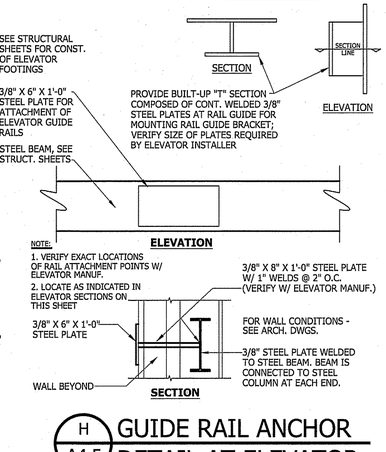
E / A4.5 DIMENSIONS AT ELEVATOR SHAFT

NOT TO SCALE



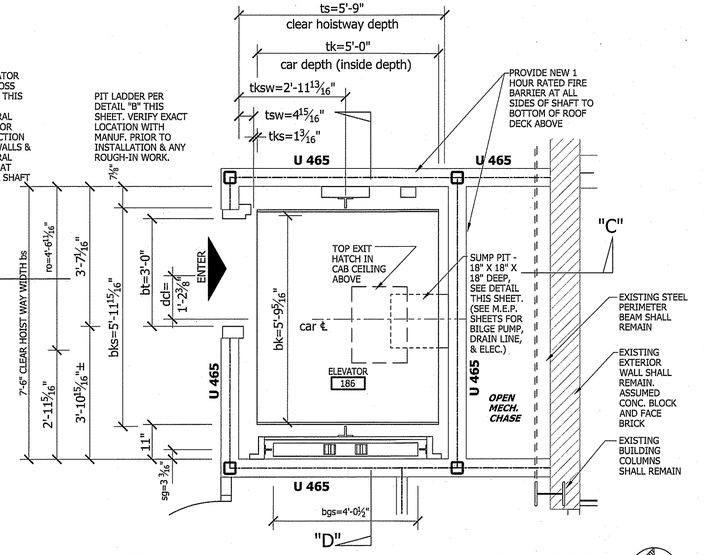
G / A4.5 STEEL GRATING DETAIL AT SUMP PIT

NOT TO SCALE BY SECTION 05 50 00



H / A4.5 GUIDE RAIL ANCHOR DETAIL AT ELEVATOR

NOT TO SCALE



I / A4.5 ENLARGED PLAN AT ELEVATOR

(FIRST FLOOR SHOWN) SCALE: 1/2" = 1'-0"

BASIS OF DESIGN "SCHINDLER" 3100 GEARLESS TRACTION MACHINE ROOM LESS GENERAL PURPOSE 2100 lbs. PASSENGER ELEVATOR

REF. NORTH

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MONROE, LA.
71201-5786

WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

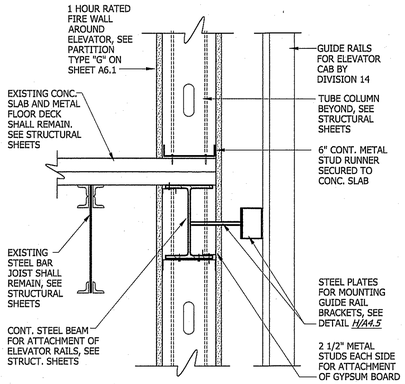
DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

ENLARGED ELEVATOR PLAN & DETAILS

A4.5

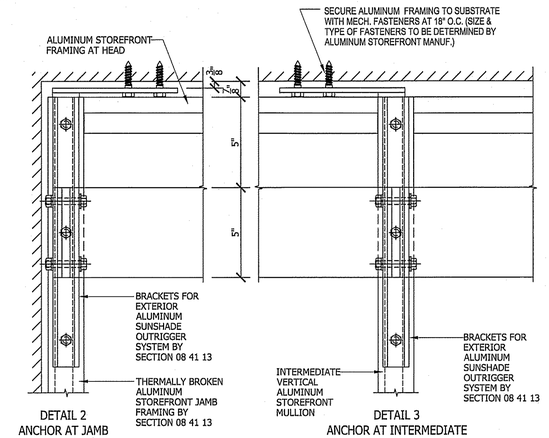
SHEET SIZE: 24 X 36 SCALE: 3/8" = 1'-0"

****SEAL ALL PENETRATIONS/ GAPS AND CONNECTIONS AT ELEVATOR SHAFT WITH AN U.L. APPROVED FIRE SEALANT/ STOPPING SYSTEM.**



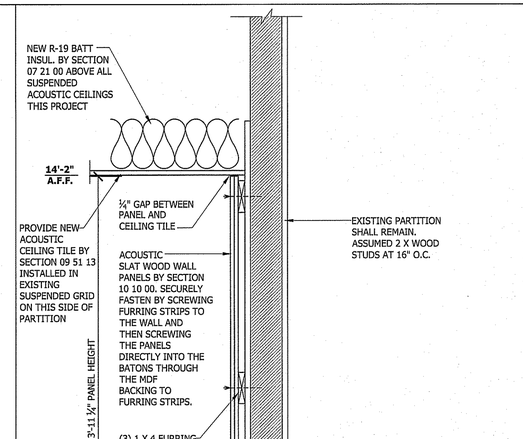
C A4.6 **ELEVATOR RAIL DETAIL** SCALE: 1 1/2" = 1'-0"

F A4.6 **DELETED**

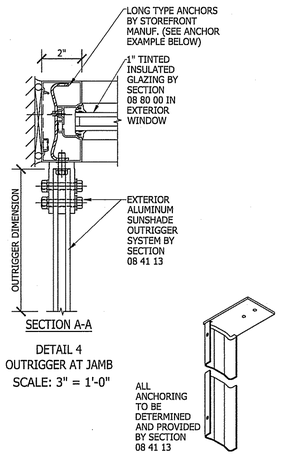


DETAIL 2 ANCHOR AT JAMB SCALE: 1 1/2" = 1'-0"

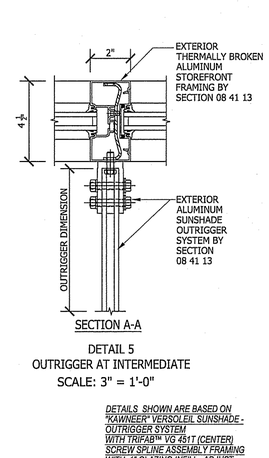
DETAIL 3 ANCHOR AT INTERMEDIATE SCALE: 1 1/2" = 1'-0"



I A4.6 **ACOUSTIC SLAT WOOD PANEL DETAIL** (SOUTH WALL) SCALE: 1 1/2" = 1'-0"



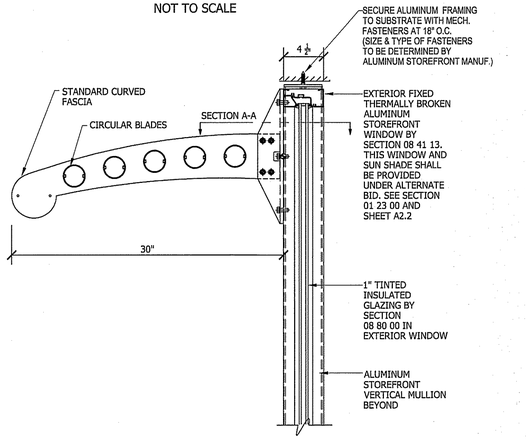
DETAIL 4 OUTRIGGER AT JAMB SCALE: 3" = 1'-0"



DETAIL 5 OUTRIGGER AT INTERMEDIATE SCALE: 3" = 1'-0"

EXAMPLE OF LONG ANCHOR FOR SCREW SPLINE FRAMING NOT TO SCALE

DETAILS SHOWN ARE BASED ON "KAWNEER" VERSOLIE SUNSHADE - OUTRIGGER SYSTEM WITH TRIFAB™ VG 451T (CENTER) SCREW SPLINE ASSEMBLY FRAMING WITH 1" GLAZING INFILL. ADJUST THESE DETAILS AS NECESSARY TO ACCOMMODATE INSTALLATION OF WINDOW SHADE SYSTEMS BY OTHER MANUFACTURERS.



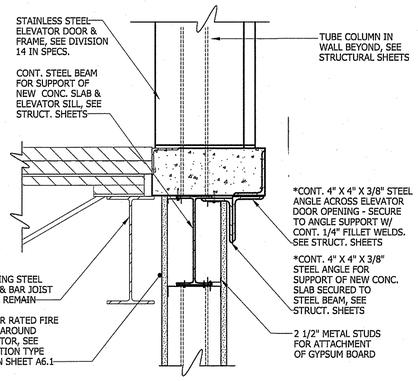
DETAIL 1 HORIZONTAL OUTRIGGER DETAIL SCALE: 1 1/2" = 1'-0"

TO BE PROVIDED AT EXTERIOR WINDOWS MK."CA" UNDER ALTERNATE BID - SEE SECTION 01 23 00

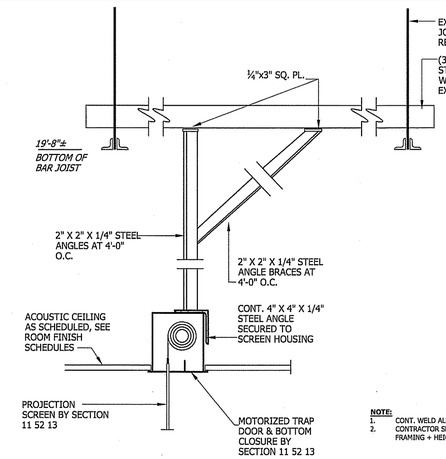
G A4.6 **ALUMINUM SUN-SHADE DETAILS**

****SEAL ALL PENETRATIONS/GAPS AND CONNECTIONS AT ELEVATOR SHAFT WITH AN U.L. APPROVED FIRE SEALANT/ STOPPING SYSTEM.**

***GENERAL CONTRACTOR TO VERIFY WITH THE ELEVATOR MANUF. THE EXACT DEPTH OF THE SUPPORT REQUIRED AND ADJUST THE SIZE OF ANGLES SHOWN AS NECESSARY BEFORE FABRICATION OF STEEL ANGLES.**



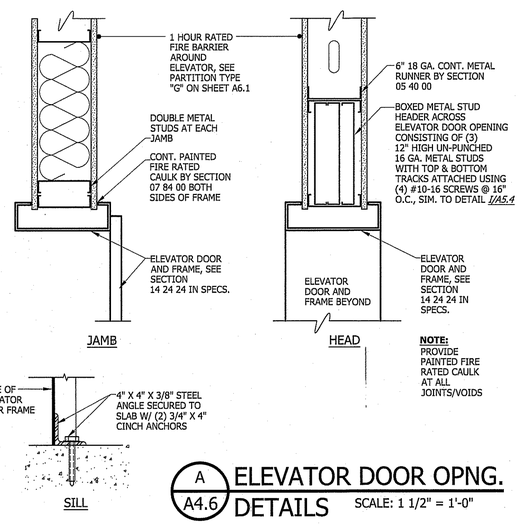
B A4.6 **ELEVATOR SILL OPENING AT SECOND FLOOR** SCALE: 1 1/2" = 1'-0"



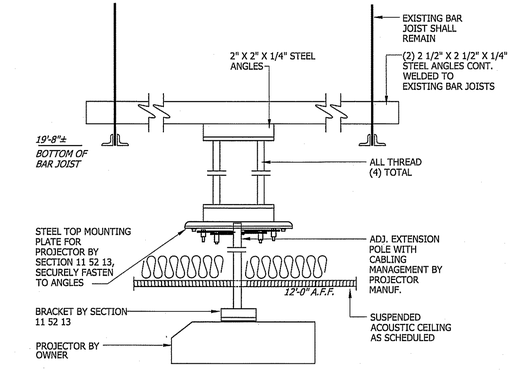
NOTE:
1. CONT. WELD ALL CONNECTIONS
2. CONTRACTOR SHALL VERIFY AVAILABLE FRAMING + HEIGHT PRIOR TO FABRICATION

E A4.6 **PROJECTION SCREEN DETAIL** EAST WALL AT AREA 119 NOT TO SCALE

NOTE: MOTORIZED *PROJECTION SCREEN PROVIDED BY SECTION 11 52 13.*



A A4.6 **ELEVATOR DOOR OPNG. DETAILS** SCALE: 1 1/2" = 1'-0"



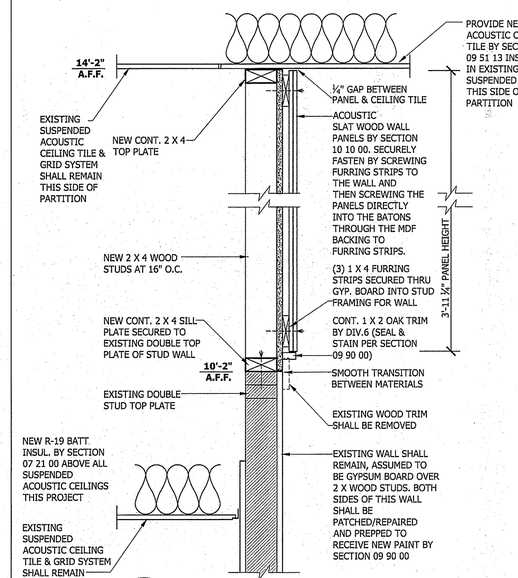
NOTES:

PROVIDE ALL MATERIALS AS NECESSARY FOR COMPLETE FUNCTIONING OPERATION.

VERIFY EXACT MOUNTING HEIGHT & LOCATION OF PROJECTOR.

SEE ENGINEER'S ELEC. SHEETS FOR POWER/DATA REQUIREMENTS.

D A4.6 **PROJECTOR MOUNT DETAIL** FOR AREA 119 NOT TO SCALE



H A4.6 **ACOUSTIC SLAT WOOD PANEL DETAIL** (NORTH WALL) SCALE: 1 1/2" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

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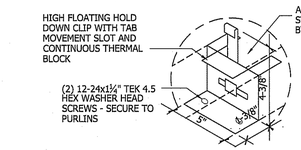
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

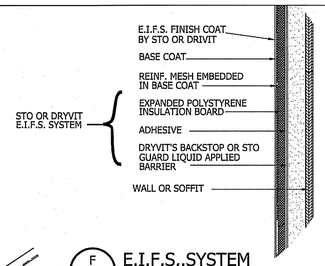
DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

ELEVATOR DETAILS, MOUNTING DETAILS, & SUN SHADE DETAILS

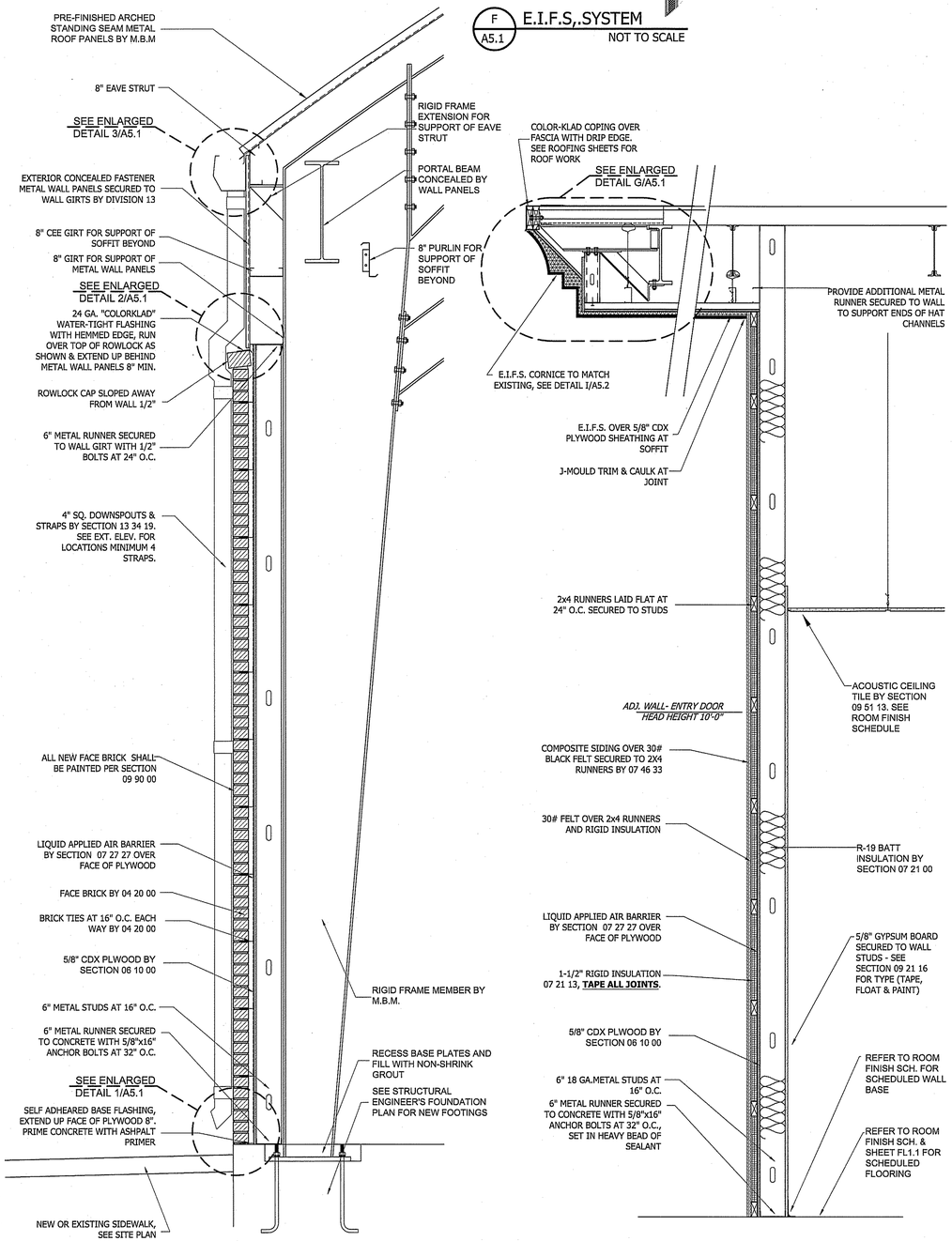
A4.6



ENLARGED ROOF CLIP DETAIL 4
NOT TO SCALE

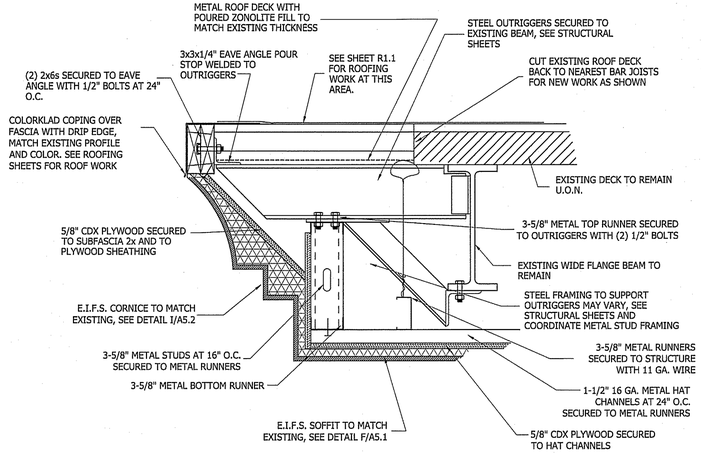


F / A5.1 E.I.F.S,.SYSTEM
NOT TO SCALE

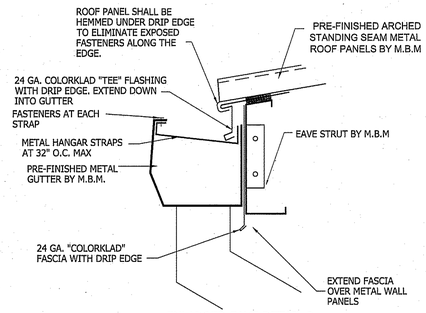


A / A5.1 WALL SECTION @ ENTRANCE CANOPY
LOW SIDE EAVE SCALE: 3/4" = 1'-0"

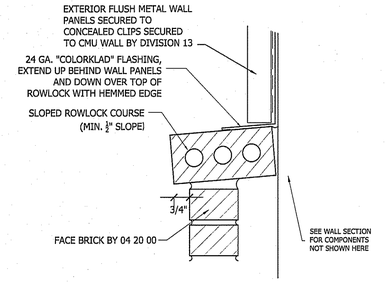
B / A5.1 EXT. WALL SECTION ADJACENT TO
FRONT ENTRANCE DOORS SCALE: 3/4" = 1'-0"



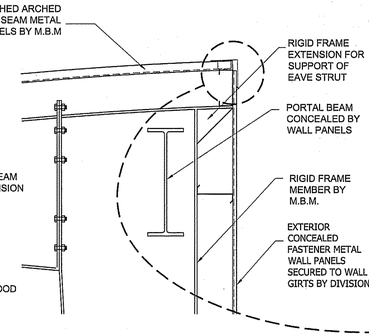
G / A5.1 ENLARGED FASCIA DETAIL AT
AT FRONT ENTRANCE SCALE: 1-1/2" = 1'-0"



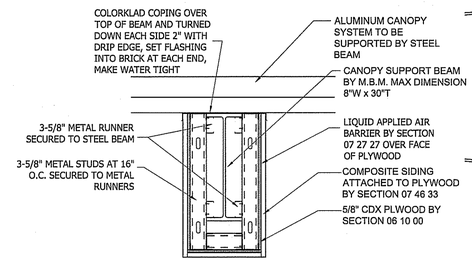
ENLARGED EAVE DETAIL 3
NOT TO SCALE
NOTE: AFTER INSTALLING GUTTER & HANGERS MAKE ALL CONSTRUCTION WATERTIGHT



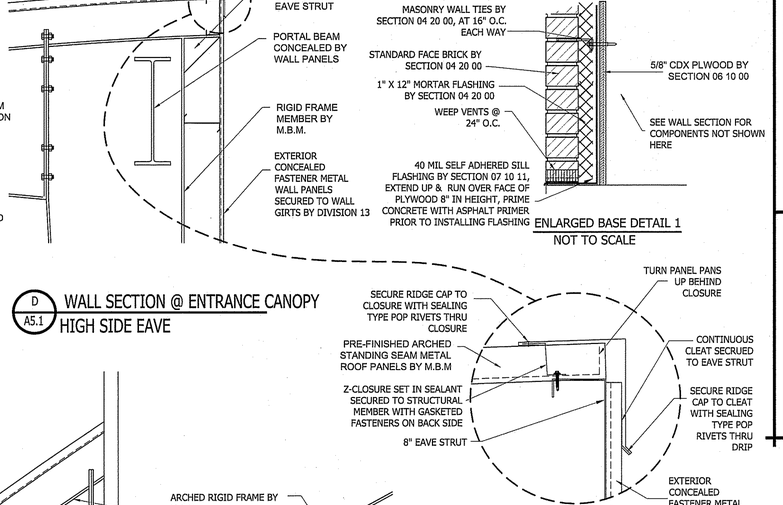
ENLARGED BRICK TRANSITION DETAIL 2
NOT TO SCALE



ENLARGED BASE DETAIL 1
NOT TO SCALE



E / A5.1 SECTION @ ENTRANCE
CANOPY BEAM FURRING SCALE: 3/4" = 1'-0"



C / A5.1 SECTION THRU SOFFIT
AT ENTRANCE CANOPY SCALE: 3/4" = 1'-0"

D / A5.1 WALL SECTION @ ENTRANCE CANOPY
HIGH SIDE EAVE

SHEET SIZE: 24 X 36 SCALE: 3/4" = 1'-0"

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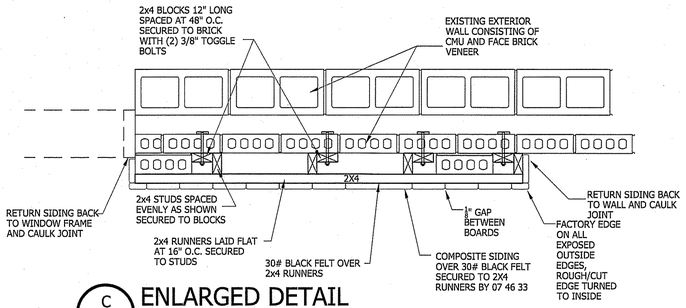
WILLIAM A. LAND III
NO. 4155
STATE OF LOUISIANA
REGISTERED ARCHITECT

DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

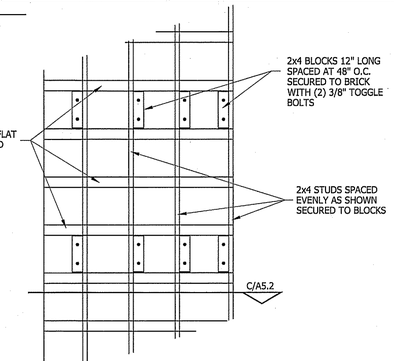
EXTERIOR
WALL SECTIONS

A5.1



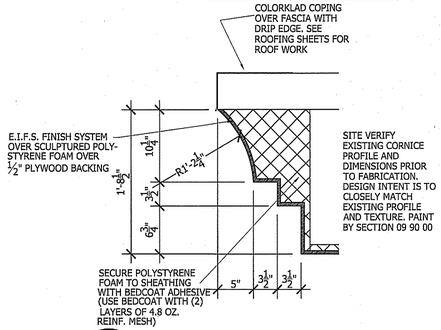
C A5.2 **ENLARGED DETAIL AT COMPOSITE SIDING**

SCALE: 1" = 1'-0"

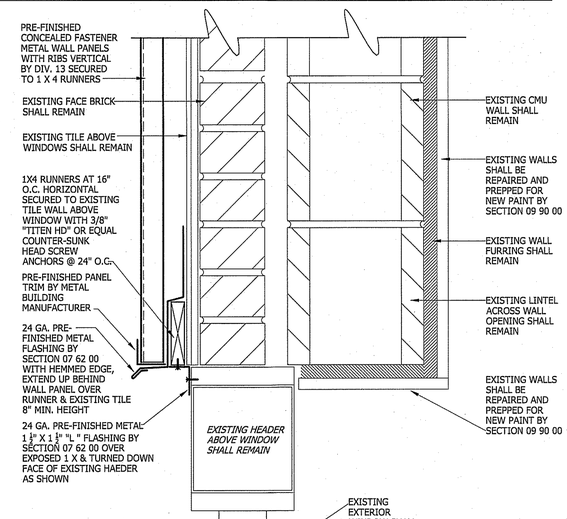


F A5.2 **ENLARGED ELEVATION AT FRAMING FOR COMPOSITE SIDING**

SCALE: 1/2" = 1'-0"



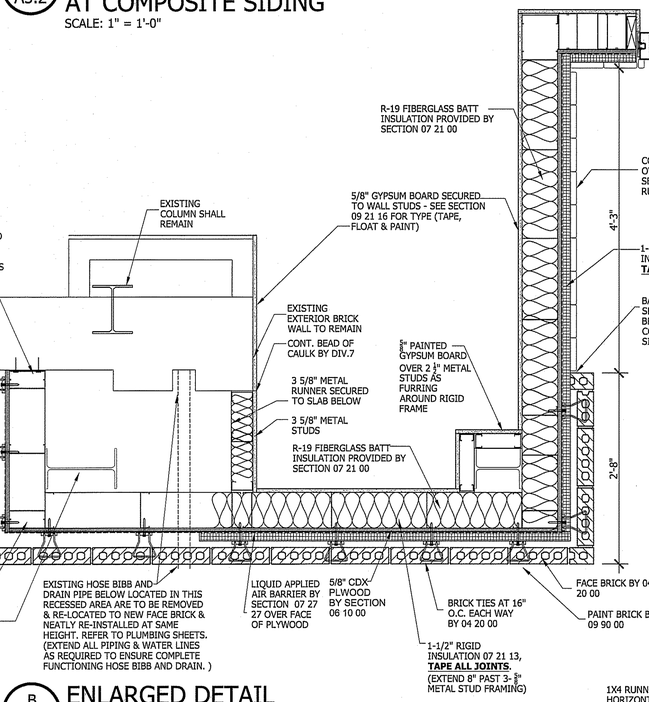
I A5.2 **ENLARGED DETAIL E.I.F.S. CORNICE MOULDING**



J A5.2 **WINDOW HEAD DETAIL**

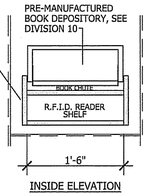
NEW METAL PANEL AT EXISTING TILE ABOVE WINDOW

SCALE: 3" = 1'-0"



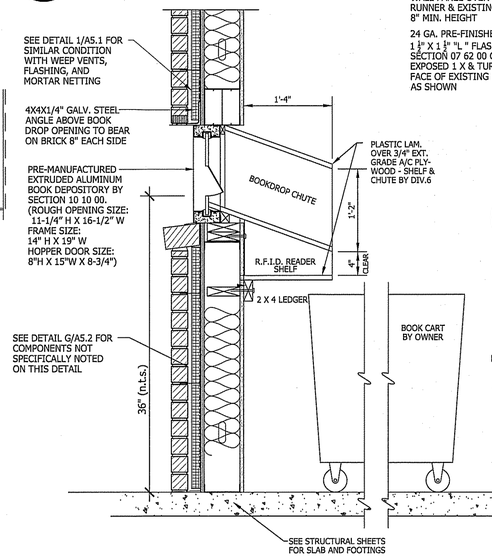
B A5.2 **ENLARGED DETAIL AT BRICK CANOPY COLUMNS**

SCALE: 1" = 1'-0"



INSIDE ELEVATION

BOOK DROP



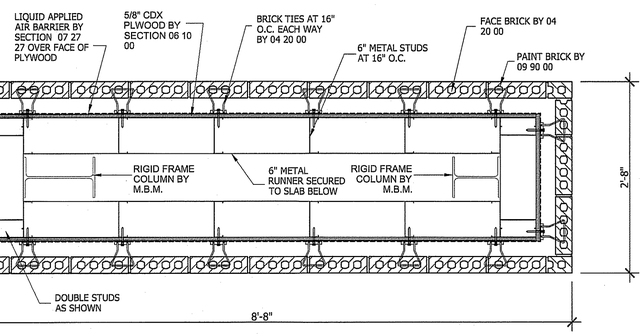
H A5.2 **SECTION THRU BOOK DROP**

SCALE: 1" = 1'-0"

K A5.2 **ROOF DECK REPAIR DETAIL**

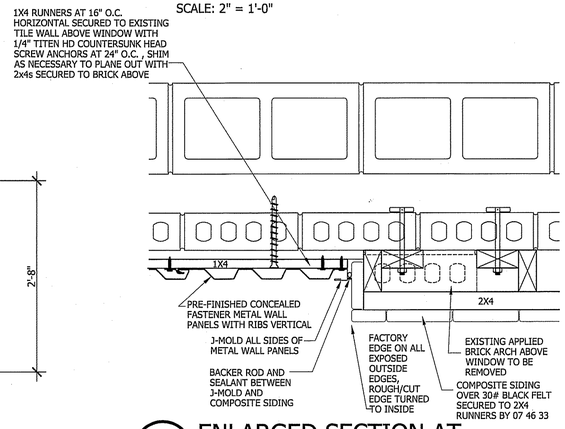
SCALE: 1" = 1'-0"

SEE UNIT PRICE INSTRUCTIONS IN SPECIFICATIONS



A A5.2 **ENLARGED DETAIL AT BRICK CANOPY COLUMNS**

SCALE: 1" = 1'-0"

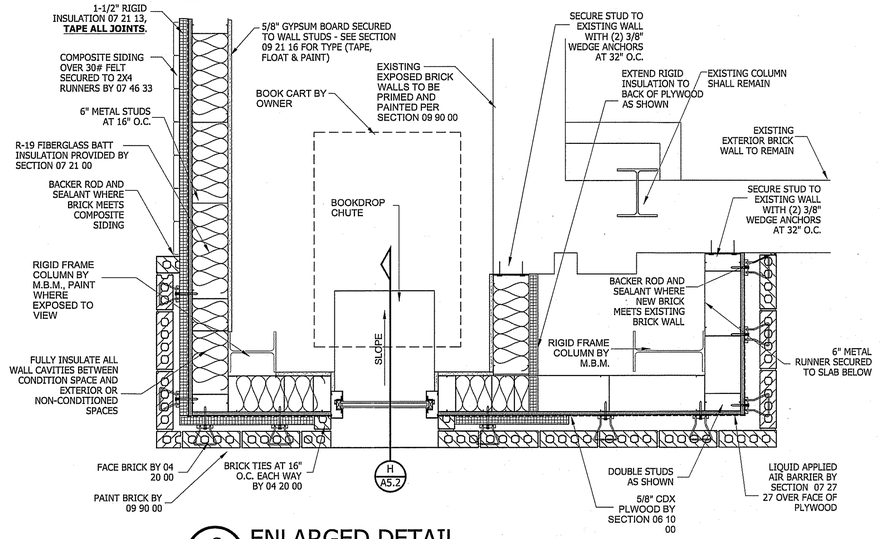


D A5.2 **ENLARGED SECTION AT METAL PANEL TO COMPOSITE SIDING AT EXISTING TILE ABOVE WINDOW**

SCALE: 2" = 1'-0"

E A5.2 **ENLARGED SECTION AT METAL PANEL TO COMPOSITE SIDING AT EXISTING BRICK ABOVE WINDOW**

SCALE: 2" = 1'-0"



G A5.2 **ENLARGED DETAIL AT BRICK CANOPY COLUMNS SHOWING BOOK DROP**

SCALE: 1" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1" = 1'-0"

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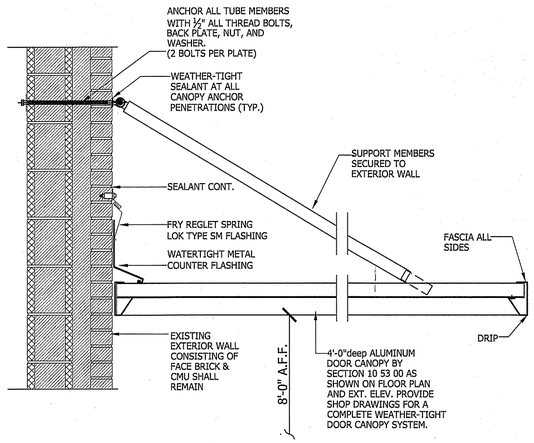
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

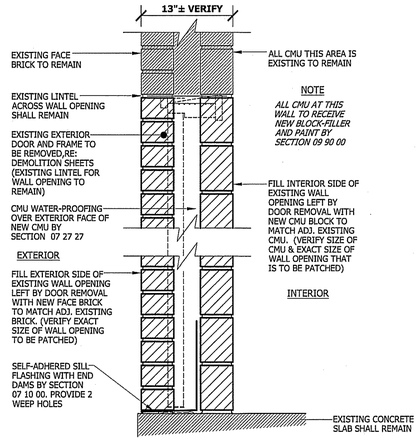
DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

MISC. ENLARGED WALL DETAILS

A5.2

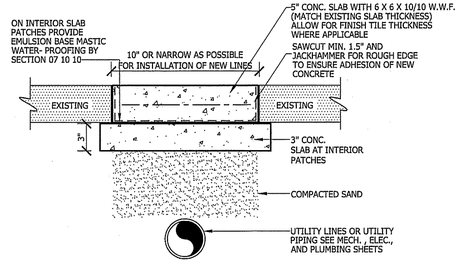


B A5.3 EXT. ALUMINUM DOOR CANOPY SECTION NOT TO SCALE



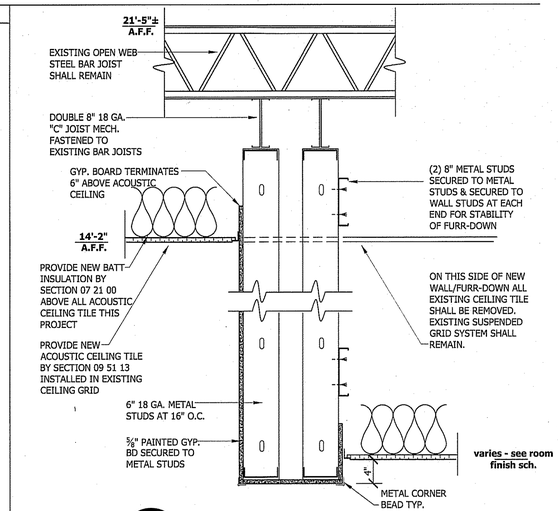
D A5.3 EXT. WALL PATCH WP1

WHERE EXTERIOR DOORS, EQUIPMENT, ETC. ARE REMOVED
SCALE: 1 1/2" = 1'-0"

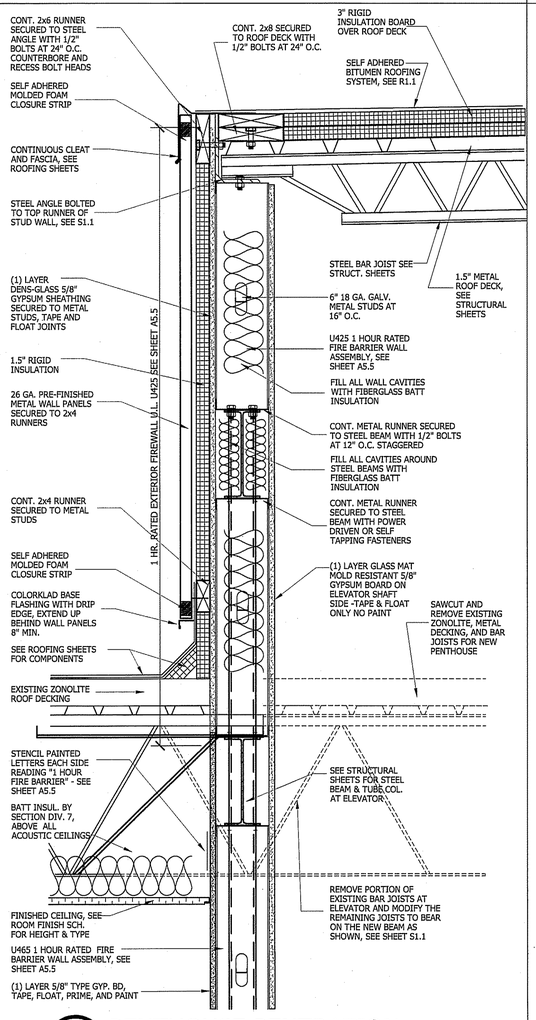


K A5.3 UTILITY PATCH DETAIL AT EXISTING SLAB N.T.S.

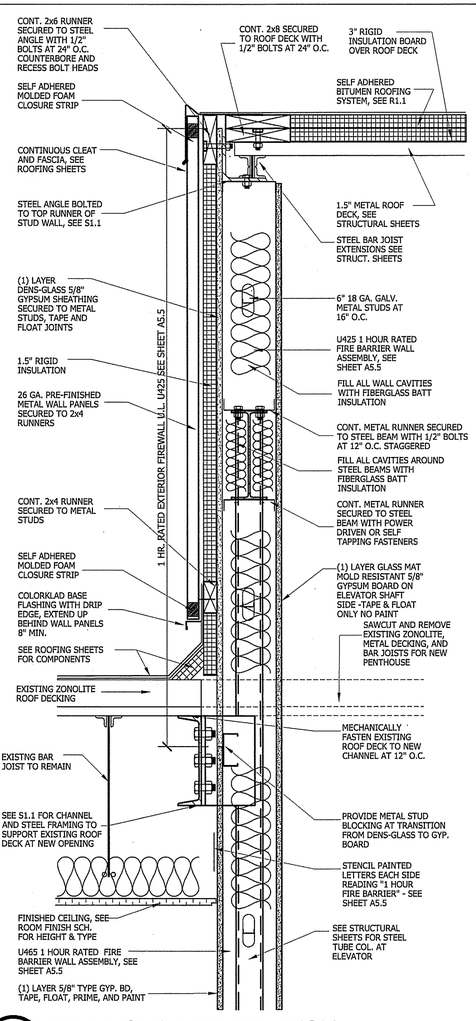
NOTE: *REQUIRED AT ALL SAW-CUTTING FOR UTILITIES UNDER GROUND FLOOR. VERIFY LOCATIONS REQUIRED WITH MECHANICAL, PLUMBING, AND ELECTRICAL DRAWING SHEETS (VERIFY PRIOR TO BIDS)*



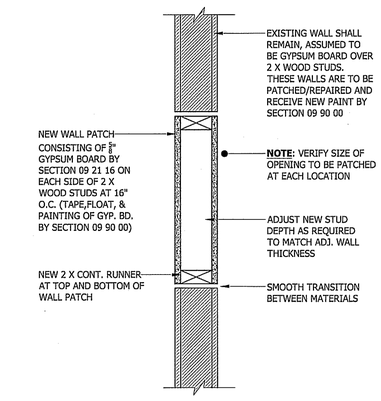
J A5.3 GYPSUM BOARD FURR-DOWN F.D.-3 SCALE: 1" = 1'-0"



A A5.3 PENTHOUSE PENTRATION THRU EXISTING ROOF SCALE: 1 1/2" = 1'-0"

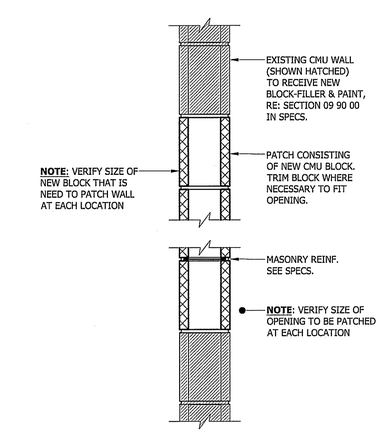


C A5.3 PENTHOUSE PENTRATION THRU EXISTING ROOF SCALE: 1 1/2" = 1'-0"



F A5.3 TYP.SHEET-ROCK PATCH WP2

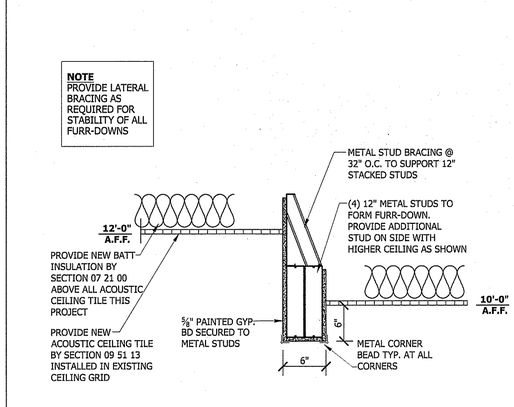
WHERE INTERIOR DOORS, EQUIPMENT, ETC. ARE REMOVED
NOT TO SCALE



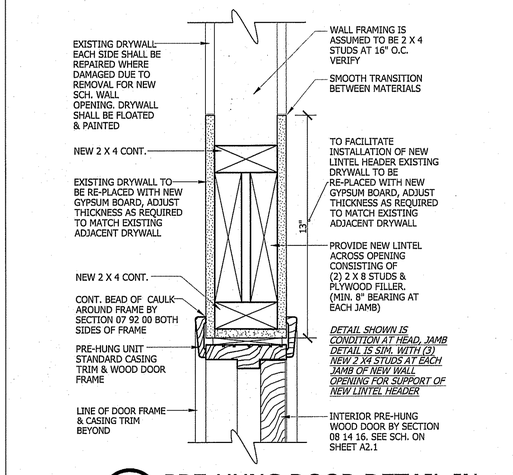
E A5.3 TYP.MASONRY WALL PATCH WP3

WHERE INTERIOR DOORS, EQUIPMENT, ETC. ARE REMOVED
NOT TO SCALE

NOTE
PROVIDE LATERAL BRACING AS REQUIRED FOR STABILITY OF ALL FURR-DOWNS



I A5.3 GYPSUM BOARD FURR-DOWN F.D.-2 SCALE: 1" = 1'-0"



H A5.3 PRE-HUNG DOOR DETAIL IN NEW WALL OPNG. SCALE: 3" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

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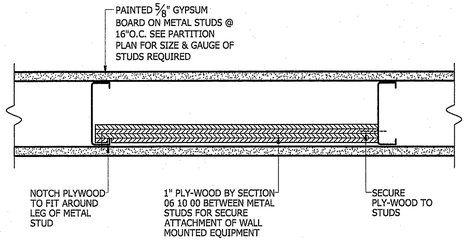
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: LOH
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

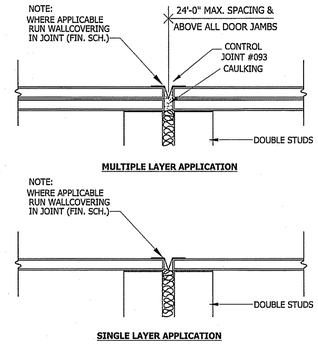
ELEVATOR PENTHOUSE WALL SECTIONS, MISC. DETAILS, & & FURR-DOWN DETAILS

A5.3



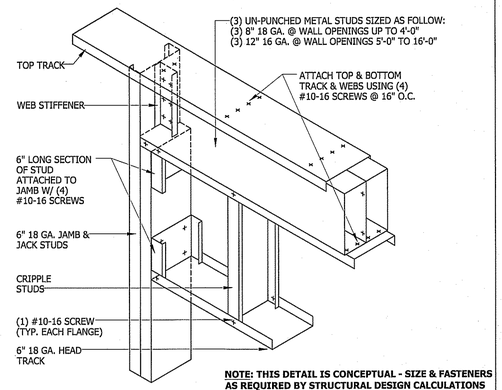
REFER TO PLANS & SPEC. SECTIONS FOR LOCATIONS OF EQUIPMENT REQUIRING WALL BLOCKING (BY SECTION 06 10 01)

C / A5.4 **TYP. BLOCKING DETAIL FOR ALL WALL MOUNTED EQUIPMENT** SCALE: 3"= 1'-0"



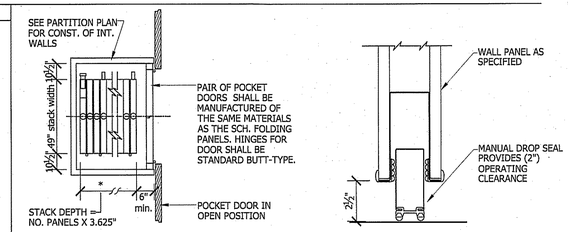
NOTE:
INSTALL IN ACCORDANCE WITH U.L. FOR FIRE RATED WALLS

F / A5.4 **GYPSUM BOARD CONTROL JOINT DETAILS** NOT TO SCALE (COMPLY WITH SECTION 09 21 16)



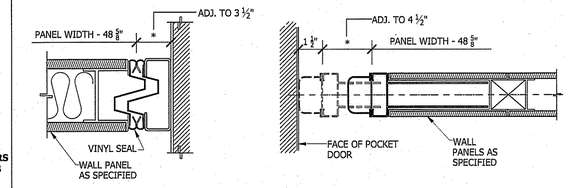
NOTE: THIS DETAIL IS CONCEPTUAL - SIZE & FASTENERS AS REQUIRED BY STRUCTURAL DESIGN CALCULATIONS AND IN ACCORDANCE WITH SECTION 05 40 00

I / A5.4 **TYP. METAL STUD HEADER @ EXTERIOR WINDOW/DOOR OPENINGS** N.T.S.
(PROVIDED BY SECTION 05 40 00)



ENLARGED PLAN OF POCKET DOOR
SCALE: 1/4" = 1'-0"

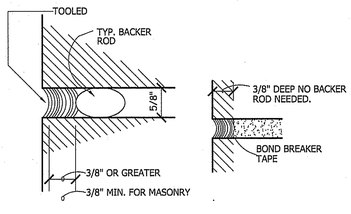
BOTTOM PANEL EDGE
N.T.S.



JAMB AT FINISHED WALL
N.T.S.

EXPANDABLE PANEL W/SOFT SEAL
N.T.S.

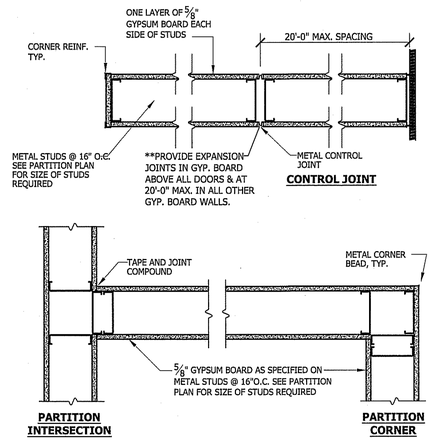
L / A5.4 **FOLDING WALL MISC. DETAILS**



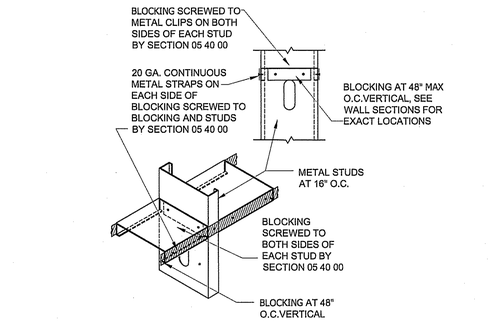
TYPICAL SEALANT JOINT

THE DEPTH OF THE OPENING SHALL BE 1/2" THE WIDTH OF THE JOINT. IN DEEP OPENINGS, THE DEPTH OF THE SEALANT SHALL BE CONTROLLED WITH A CLOSED CELL,"NON GASSING" TYPE BACKER ROD. THE BACKER ROD SHALL BE ABOUT 1/8" WIDER THAN THE OPENING. PREVENT 3 POINT ADHESION WITH BACKER RODS OR BOND BREAKER TAPE.

B / A5.4 **TYPICAL SEALANT JOINTS** NOT TO SCALE (COMPLY WITH SECTION 07 92 00)



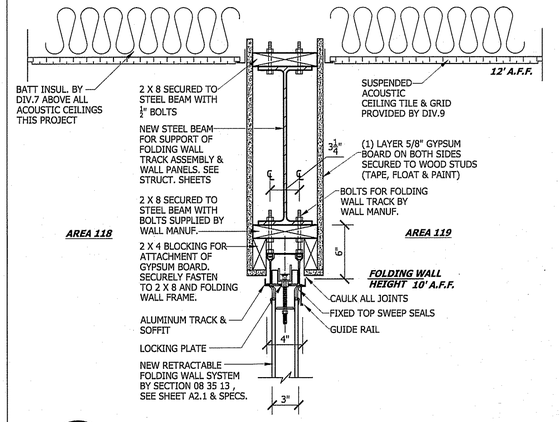
E / A5.4 **TYPICAL DRYWALL FRAMING DETAILS** NOT TO SCALE (COMPLY WITH SECTION 09 21 16)



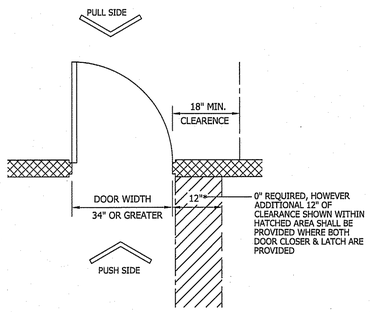
6" EXTERIOR WALLS
BY SECTION 05 40 00

H / A5.4 **METAL STUD BLOCKING/ BRIDGING DETAIL** NOT TO SCALE

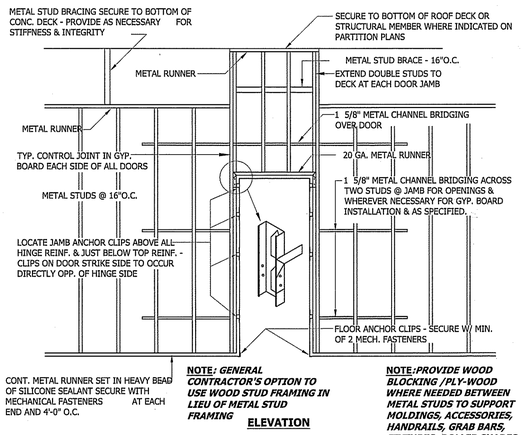
REFER TO SECTION 05 40 00 FOR ENGINEERING REQUIREMENTS



K / A5.4 **FOLDING WALL HEAD DETAIL** SCALE: 1 1/2" = 1'-0"



A / A5.4 **TYPICAL APPROACH TO ALL NEW SWINGING DOORS** N.T.S.



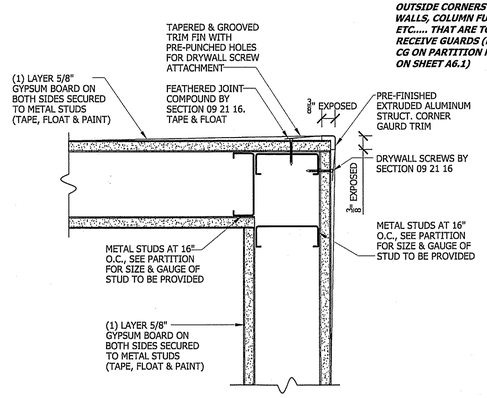
NOTE: GENERAL CONTRACTOR'S OPTION TO USE WOOD STUD FRAMING IN LIEU OF METAL STUD FRAMING

ELEVATION

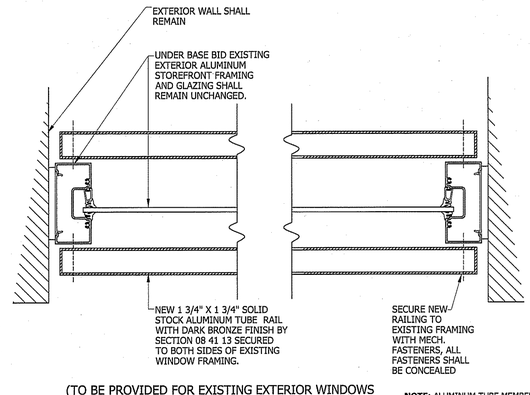
NOTE:PROVIDE WOOD BLOCKING /PLY-WOOD WHERE NEEDED BETWEEN METAL STUDS TO SUPPORT MOLDINGS, ACCESSORIES, HANDRAILS, GRAB BARS, FIXTURES, ROLLER SHADES, FLAT SCREENS, ETC.

D / A5.4 **TYPICAL GYPSUM BOARD SYSTEMS** NOT TO SCALE (COMPLY WITH SECTION 09 21 16)

NOTE: BY SECTION 09 21 16 IN SPECIFICATIONS, SEE PARTITION PLAN ON SHEET A6.1 FOR LOCATIONS OF OUTSIDE CORNERS OF WALLS, COLUMN FURRING, ETC..... THAT ARE TO RECEIVE GUARDS (MARKED CG ON PARTITION PLAN ON SHEET A6.1)



E / A5.4 **ALUMINUM TRIM AT WALL CORNERS** SCALE: 3"= 1'-0"



(TO BE PROVIDED FOR EXISTING EXTERIOR WINDOWS UNDER BASE BID - SEE WINDOW ELEV. ON SHEET A2.2)

NOTE: ALUMINUM TUBE MEMBER SHOWN IS BASED ON INFORMATION FOR PRODUCTS AS MANUFACTURED BY "KAWNEER", EQUAL APPROVED PRODUCTS BY "VISTAWALL", "YKK" OR "U.S. ALUMINUM MAY BE SUBSTITUTED & USED

J / A5.4 **SURFACE MOUNT WALL CORNER GAURD** SCALE: 3"= 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

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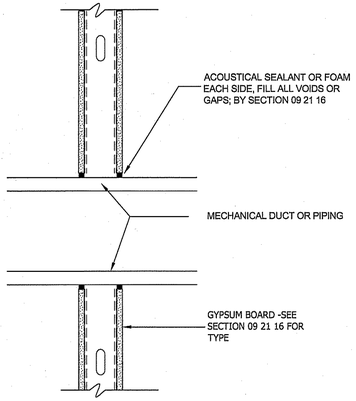
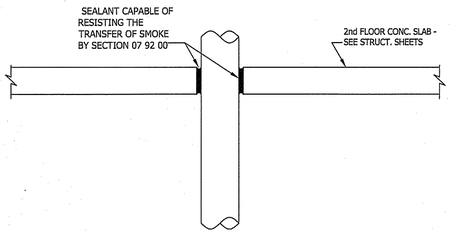
DRAWN BY: LOH
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

MISC. DETAILS

A5.4



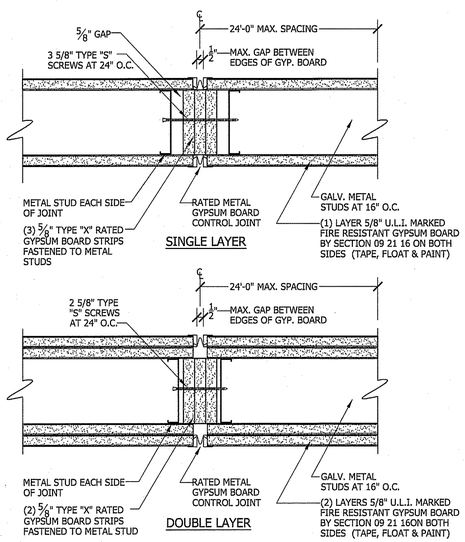
C A5.5 **TYPICAL PENETRATION THRU GYP. BOARD WALLS SMOKETIGHT & NON FIRE RATED**



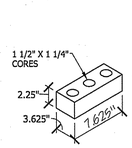
NOTE: MECHANICAL PIPING AND ELECTRICAL CONDUITS DO NOT REQUIRE RATED SHAFT WALLS BUT DO REQUIRE SMOKE TIGHT SELANT AT THE FLOORS.

NOTE: OCCURS @ NON-RATED FLOORS. SEE MECH., ELEC., & PLUMBING SHEETS FOR PENETRATION LOCATIONS

B A5.5 **PIPE THRU CONCRETE FLOOR SMOKETIGHT & NON FIRE RATED**



A A5.5 **FIRE RATED GYPSUM BOARD CONTROL JOINT** NOT TO SCALE

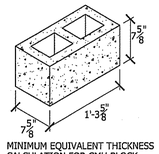


MINIMUM EQUIVALENT THICKNESS CALCULATION FACE BRICK W/ HOLES, UNFILLED

1. VOLUME - OVERALL 2 1/4" X 3 5/8" X 7 5/8" = 62.19 C.I.
2. VOLUME - CORES 3 [1.5" X 1.25" X 2.25"] = 12.656 C.I.
3. NET VOLUME
   62.190
   12.656
   49.534
4. EXPOSED FACE 2.25" X 7.625 = 17.15625 S.I.
5. EQUAL THICKNESS
   49.534 / 17.15625 = 2.887

1 HOUR FIRE RATING PER TABLE OF FIRE-RESISTANCE PERIODS OF CLAY MASONRY WALLS IN - 2021 INTERNATIONAL BUILDING CODE

CALCULATIONS FOR EXISTING HOLLOW FACE BRICK



MINIMUM EQUIVALENT THICKNESS CALCULATION FOR CMU BLOCK

$T_E = 1728\ A/(L \times H)$

WHERE:

T_E = EQUIVALENT THICKNESS, IN.
A = NET VOLUME OF UNIT, FT.
L = LENGTH OF UNIT, IN.
H = HEIGHT OF UNIT, IN.

NET VOLUME "A" IS DETERMINED BY THE FOLLOWING EQUATION:

A = C/D (SEE ATTACHED DATA)
WHERE:
C = DRY WEIGHT OF UNIT, POUNDS. (28 LBS.)
D = DENSITY OF UNIT, PER CUBIC FOOT. (105 LBS./FT.)

$T_E = (1{,}728\ \text{IN.}\ \times 3/\text{FT.}) / (0.27\ \text{FT.} \times (15.625\ \text{IN.}) \times (7.625\ \text{IN.}))$

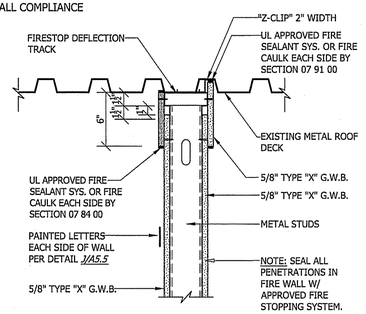
T_E = 3.9 INCHES.

2 3/4 HOUR FIRE RATING PER TABLE OF MINIMUM EQUIVALENT THICKNESS OF BEARING AND NONBEARING CONC. MASONRY WALLS IN - 2021 INTERNATIONAL BUILDING CODE

CALCULATIONS FOR EXISTING 8" CMU BLOCK

F A5.5 **EXISTING FIREWALL EQUIVALANCY CALCULATIONS** NOT TO SCALE
(for existing masonry walls at stairs)

PROVIDE ALL REQUIRED MATERIALS AS OUTLINED IN THE UNDERWRITER'S LABORATORY DIRECTORY AND AS NEEDED FOR FIRE MARSHALL COMPLIANCE

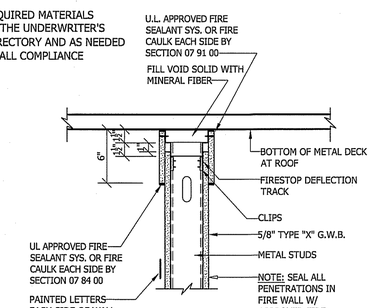


REFER TO PARTITION TYPES ON SHEET A6.1 FOR FIRE BARRIER LOCATIONS

REFER TO DETAIL I/A5.5 FOR UL REQUIREMENTS

E A5.5 **ONE HOUR FIRE BARRIER (U.L. U465) PARALLEL TO METAL ROOF DECK** SCALE: 1 1/2" = 1'-0"

PROVIDE ALL REQUIRED MATERIALS AS OUTLINED IN THE UNDERWRITER'S LABORATORY DIRECTORY AND AS NEEDED FOR FIRE MARSHALL COMPLIANCE



REFER TO PARTITION TYPES ON SHEET A6.1 FOR FIRE BARRIER LOCATIONS

REFER TO DETAIL I/A5.5 FOR UL REQUIREMENTS

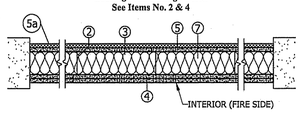
SCALE: 1 1/2" = 1'-0"

D A5.5 **ONE HOUR FIRE BARRIER (U.L. U465) PERPINDICULAR TO METAL ROOF DECK**

Design No. U425

(For Exterior Walls, Ratings Applicable For Exposure To Fire On Interior Face Only, See Items N0. 4 & 5)

Bearing Wall Rating - 1 HR. See Items No. 2 & 4



Horizontal Section
EXTERIOR WALL

1. steel floor and ceiling tracks — (not shown) — top and bottom tracks of wall assemblies shall consist of steel members, min no. 20 msg (0.0329 in., min bare metal thickness) steel or min no. 20 msg (0.036 in. thick) galv steel or no. 20 msg (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. o.c.
2. steel studs — min 3-1/2 in. wide, no. 20 msg (0.0329 in., min bare metal thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the specification for the design of cold-formed steel structural members by the american iron and steel institute. all design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. the max stud spacing of wall assemblies shall not exceed 24 in. oc (or 16 in. oc when item 5b is used). studs attached to floor and ceiling tracks with 1/2 in. long type s-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the aisi specifications.
3. lateral support members — (not shown) — where required for lateral support of studs, support may be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.
4. gypsum board* — any 1/2 in. thick ul classified gypsum board that is eligible for use in design no. x515. any 5/8 in. thick ul classified gypsum board that is eligible for use in design nos. l501, g512 or u305. gypsum board bearing the ul classification marking as to fire resistance. applied vertically with joints between layers staggered. outer layer of 3 layer construction may be applied horizontally unless specified below. the thickness and number of layers and percent of design load for the 45 min, 1 hr, 1-1/2 hr and 2 hr ratings are as follows:

4b. gypsum board* — (as an alternate to item 4) — nom. 5/8 in. thick gypsum panels, with square edges, applied horizontally. gypsum panels fastened to framing with 1 in. long bugle head steel screws spaced a max 8 in. oc, with last 2 screws 3/4 in. and 4 in. from each edge of board. horizontal joints need not be backed by steel framing. horizontal edge joints and horizontal butt joints on opposite sides of studs on interior walls need not be staggered. horizontal edge joints and horizontal butt joints in adjacent layers on interior walls (multilayer systems) staggered a min of 12 in.

Exterior Walls (Fire from Interior Side Only)

Rating	Wallboard Protection on Interior Side of Wall - No. of Layers & Thkns of Board In. Each Layers	% of design load
45 min	1 LAYER 5/8" thick	100
1 hr	2 LAYERS 1/2" THICK, see 4b for 1 layer 5/8 thick	100
1 1/2 hr	2 LAYERS 5/8" thick	100
2 hr	3 LAYERS 1/2" thick	100
2 hr	2 LAYERS 3/4" thick	100

5. gypsum boards — for exterior walls, rating from interior side only - 1/2 or 5/8 in. thick classified or unclassified gypsum boards applied vertically and attached to studs and runner tracks with 1 in. long type s-12 bugle head screws spaced 12 in. oc. along studs and tracks. one of the following exterior facings are to be applied over the gypsum board.
(a.) siding, brick, or stucco — aluminum siding, steel siding, brick veneer, or stucco attached to studs over gypsum sheathing and meeting the requirements of local code agencies. when a min 3-3/4 in. thick brick veneer facing is used, the exterior wall rating is applicable with exposure on either face. brick veneer wall attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick. when a min 3-3/4 in. thick brick veneer facing is used, foamed plastic (item 10) may be used.
6. fasteners — (not shown) — screws used to attach wallboard to studs: self-tapping bugle head sheet steel type, spaced 12 in. o.c. first layer type s-12 by 1 in. long for 1/2 and 5/8 in. thick wallboards and 1-1/4 in. long for 3/4 in. thick wallboard. second layer type s-12 by 1-5/8 in. long for 1/2 and 5/8 in. thick wallboards and 2-1/4 in. long for 3/4 in. thick wallboard. third layer type s-12 by 1-7/8 in. long. fasteners when item 4g is used: first layer #6 x 2 in. long drywall screw spaced 8 in. oc along the perimeter and 12 in. oc in the field. second layer #6 x 4 in. long drywall screw spaced 8 in. oc along the perimeter and 12 in. oc in the field. horizontal joints to be staggered 12 in. between layers.
7. batts and blankets* — placed in stud cavities of all exterior walls. may or may not be used in interior walls. any glass fiber or mineral wool batt material bearing the ul classification marking as to fire resistance, of a thickness to completely fill stud cavity. see batts and blankets* (bzjz) category for names of classified companies.

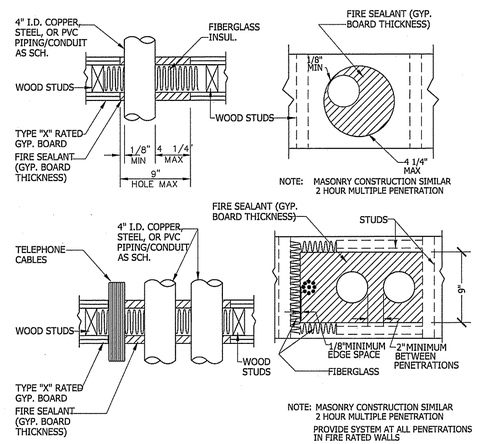
7c. fiber, sprayed* — as an alternate to batts and blankets (item 7) — spray applied cellulose fiber. the fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. the minimum dry density shall be 4.30 lbs/ft .

7d. fiber, sprayed* — (optional) — as an alternate to batts and blankets (item 7) — spray applied mineral wool insulation. the fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product.

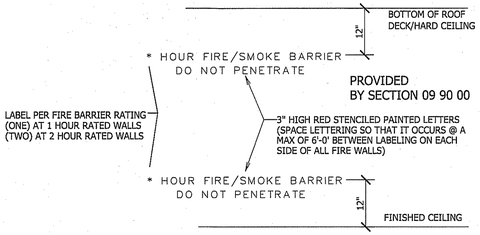
8. joint tape and compound — (not shown) — vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layer. perforated paper tape, 2 in. wide, embedded in first layer of compound over all joints of outer layer.
9. furring channels — (optional, not shown, for single or double layer systems) — resilient furring channels fabricated from min 25 msg corrosion-protected steel, spaced vertically a max of 24 in. oc. flange portion attached to each intersecting stud with 1/2 in. long type s-12 steel screws.

EXTERIOR 1hr. FIRE BARRIER DESIGN NO. U425 (APPLIES TO EXT. PENTHOUSE ELEV. WALLS)

H A5.5 NOT TO SCALE (PAGE NO. 983 IN 2007 U.L. FIRE RESISTANCE DIRECTORY)

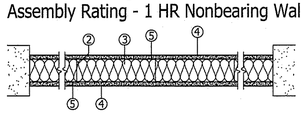


G A5.5 **SEALANT FIRE STOPPING DETAILS** (COMPLY WITH SECTION 07 84 00) NOT TO SCALE



J A5.5 **FIRE WALL LABEL** NOT TO SCALE
(TYPICAL FOR ALL RATED WALLS)

Design No. U465
Assembly Rating - 1 HR Nonbearing Wall



1. Floor and Ceiling Runners - (not shown) - Channel shaped runners, 3-5/8 in. wide (min), 1-1/4 in. legs, formed from min No. 25 MSG galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.

2. Steel Studs - Channel shaped, 3-5/8 in. wide (min), 1-1/4 in. legs, 3/8 in. folded back returns, formed from min No. 25 MSG galv steel spaced 24 in. OC max.

3. Batts and Blankets* - (Optional) - Mineral wool or glass fiber batts partially or completely filling stud cavity. See Batts and Blankets (BZJZ) category for names of Classified companies.
3A. Fiber, Sprayed* - As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft3 . Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft3 .
3B. Fiber, Sprayed* - As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

4. Gypsum Board* - 5/8 in. thick, 4 ft wide, attached to steel studs and floor and ceiling track with 1 in. long, Type S steel screws spaced 8 in. OC. along edges of board and 12 in. OC in the field of the board. Joints oriented vertically and staggered on opposite sides of the assembly. When attached to item 6 (resilient channels) or 6A (furring channels), wallboard is screw attached to furring channels with 1 in. long, Type S steel screws spaced 12 in. OC.
4A. Gypsum Board* - (As alternate to Item 4) - Nom 5/8 in. thick gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed. Panels attached to steel studs and floor runner with 1 in. long Type S steel screws spaced 8 in. OC when applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically.
4B. Gypsum Board* - (As an alternate to Items 4 or 4A) - Nom 3/4 in. thick, 4 ft wide, installed as described in Item 4A with screw length increased to 1-1/4 in.

5. Joint Tape and Compound - Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

6. Resilient Channel - (Optional-Not Shown) - 25 MSG galv steel resilient channels spaced vertically max 24 in. OC, flange portion attached to each intersecting stud with 1/2 in. long type S-12 panhead steel screws.
6A. Steel Framing Members (Not Shown)* - As an alternate to Item 3, furring channels and resilient sound isolation clip as described below:
a. Furring Channels - Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel.
b. Steel Framing Members* - Used to attach furring channels (Item a) to studs (Item 1). Clips spaced 48 in. OC., and secured to studs with 1-5/8 in. wafer or hex head Type S steel screw through the center grommet. Furring channels are friction fitted into clips.
*Bearing the UL Classification Mark

I A5.5 **1hr. FIRE BARRIER DESIGN NO. U465** NOT TO SCALE (PAGE NO. 983 IN 2007 U.L. FIRE RESISTANCE DIRECTORY)

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

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71201-5786

WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

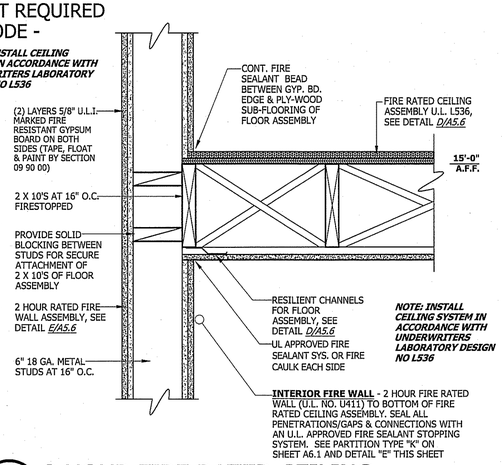
DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

FIRE BARRIER/WALL DETAILS & MISC.
FIRE RATING DETAILS

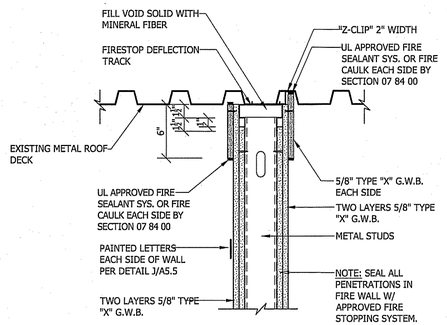
A5.5

**NOT REQUIRED
BY CODE -

NOTE: INSTALL CEILING SYSTEM IN ACCORDANCE WITH UNDERWRITERS LABORATORY DESIGN NO L536



A / A5.6 **2 HOUR FIRE RATED CEILING TERMINATION AT FIRE WALL** SCALE: 1 1/2" = 1'-0"

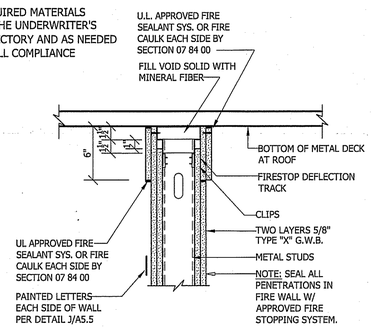


REFER TO PARTITION TYPES ON SHEET A6.1
FOR FIRE BARRIER LOCATIONS

REFER TO DETAIL E/A5.6 FOR UL REQUIREMENTS

B / A5.6 **TWO HOUR FIRE BARRIER (U.L. U411) PARALLEL TO METAL ROOF DECK** SCALE: 1 1/2" = 1'-0"

PROVIDE ALL REQUIRED MATERIALS AS OUTLINED IN THE UNDERWRITER'S LABORATORY DIRECTORY AND AS NEEDED FOR FIRE MARSHALL COMPLIANCE



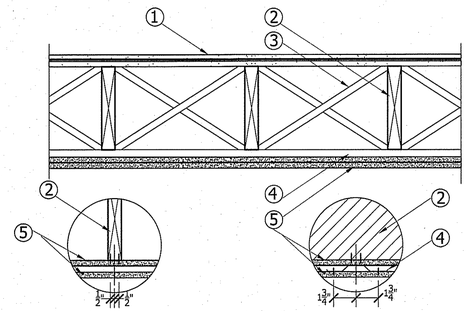
REFER TO PARTITION TYPES ON SHEET A6.1
FOR FIRE BARRIER LOCATIONS

REFER TO DETAIL E/A5.6 FOR UL REQUIREMENTS

C / A5.6 **TWO HOUR FIRE BARRIER (U.L. U411) PERPINDICULAR TO METAL ROOF DECK** SCALE: 1 1/2" = 1'-0"

**NOT REQUIRED
BY CODE -

UL DESIGN NO. L536
Unrestrained Assembly Rating - 2 HR.
Finish Rating - 71 min.



FIRST LAYER END JOINT DETAIL

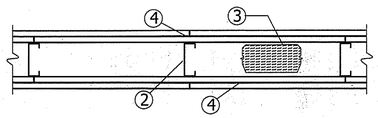
SECOND LAYER END JOINT DETAIL

1. FLOORING SYSTEM NO.2: The Flooring System Shall Consist of The Following -
SUB-FLOORING - Min. 23/32" thick ply-wood min. grade "c-d" or "sheathing". Face grain of ply-wood or strength axis of panel to be perpendicular to joists with joints staggered.
VAPOR BARRIER - Nom. 0.010 in. thick commercial rosin - sized building paper.
FINISH FLOORING - Min. 23/32" in. thick wood structural panels, min. grade "under-layment" or "single-floor". Face grain of ply-wood or strength axis of panels to be perpendicular to joists with joints staggered.
2. WOOD JOISTS - Min. 2 x 10 Spaced 16 in. o.c. and effectively fire blocked in accordance with local codes.
3. CROSS BRIDGING - Min. 1 by 3 in. or Min. 2 by 10 in. Solid blocking.
4. RESILIENT CHANNELS - Formed of 25 MSG galv. steel, spaced 24in. o.c. perpendicular to to joists and located 12in. from each side edge of base layer gypsum board. Channels placed with a 1/4in. clearance at the ends and fastened to each joist with 1-7/8in. long no.7 type s bugle head screws. Min. end clearance of channels to walls ; 3/8in. Additional channels 60in. long, placed adjacent to continuous channels at end joints of second layers of gypsum board *(item 5)* and similarly secured. Channel ends to extend 6in. beyond each side of joints.
5. GYPSUM BOARD* - Two layers Nom. 5/8 in. thick, 4ft. wide gypsum board. First layer installed perpendicular to joists with end joints located under bottom of joists. Gypsum board attached to joists with 8d cement coated cooler nails 7 in. o.c. Nails shall be 1/2" from the butted end joints. Second layer installed with long edge perpendicular to the resilient channels, with the centerline of boards located under a joist and so placed that the long edge joints are staggered with the butted end joints of the first layer. Gypsum board secured to resilient channels with 1in. long no.7 type s-12 bugle head steel screws spaced 12in. o.c. Butted end joints of gypsum board fastened at additional furring channels as shown in end joint detail. All screws shall be located 1 and 1-3/4in. from side joints and butted end joints of boards, respectively.
6. FINISHING SYSTEM (*NOT SHOWN*) - Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads. Nom. 2in. wide paper tape embedded in first layer of compound over all joints. As an alternate nom. 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum board. *Bearing the u.l. classification mark.

D / A5.6 **2hr. CEILING ASSEMBLY DESIGN NO. L536**
NOT TO SCALE (PAGE NO. 494 - 496 IN 2007 U.L. FIRE RESISTANCE DIRECTORY)
APPLIES TO AREA 172

**NOT REQUIRED
BY CODE -
FOR AREA 172

Design No. U411
Assembly Rating - 2 HR Nonbearing Wall



1. Floor and Ceiling Runners - (not shown) - Min. 25 MSG galv. steel 1 in. high, return legs 2-1/2 in. wide (min.), attached to floor and ceiling with fasteners 24" in. o.c.

2. Steel Studs - Channel shaped, 3-5/8 in. wide (min), 1-1/4 in. legs, 3/8 in. folded back returns, formed from min No. 25 MSG galv steel spaced 24 in. OC max. Studs to be cut 3/4 in. less than assembly height.

3. Batts and Blankets* - (Optional) - Mineral wool or glass fiber batts partially or completely filling stud cavity. See Batts and Blankets (BZJZ) category for names of Classified companies.
3A. Fiber, Sprayed* - As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 3.0 lb/ft3 . Alternate application method: The fiber is applied with U.S. Greenfiber LLC Type AD100 hot melt adhesive at a nominal ratio of one part adhesive to 6.6 parts fiber to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. Nominal dry density of 2.5 lb/ft3 .
3B. Fiber, Sprayed* - As an alternate to Batts and Blankets (Item 3) and Item 3A - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft.

4. Gypsum Board* - 5/8 in. thick outer layer paper or vinyl surfaced. (laminated system) wallboard applied vertically in two layers. inner layer attached to steel studs with 1" long type s steel screws spaced 8" o.c. along vertical edges, and 12" o.c. in the field and outer layer laminated to inner layer with joint compound applied with a notched spreader producing cont. beads of compound about 3/8" in dia. spaced no greater than 2" o.c. joints of laminated outer layer offset 12" from inner layer joints. outer layer wallboard attached to floor and ceiling runner track with 1 5/8" long type s steel screws spaced 12" o.c. (DIRECT ATTACHED SYSTEM) inner layer attached to steel studs with 1" long type s steel screws spaced 16" o.c. in the field and along the vertical edges outer layer attached to to the studs over the inner layer with 1 5/8" long type s steel screws spaced 16" o.c. in the fiels and along vertical edges and 12" o.c. to the floor and ceiling runners. joints of screw attached outer layer offset from inner layer joints. joints of outer layer to be taped.

4A. Gypsum Board* - (As alternate to Item 4) - Nom 3/4 in. thick gypsum panels installed as described in item 4 with 1 1/4 in. long type s screws for inner layer and 2 1/4 in. long type s screws for outer layer.

4B. Gypsum Board* - (As an alternate to Items 4 or 4A) - Nom. 5/8 thick 24 to 54 in. wide applied horizontally as the outer layer to one side of the assembly. Secured as described in item 4 for the direct attached system. When used in widths other than 48 in. gypsum panels shall be installed horizontally.

5. Joint Tape and Compound - Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nominal 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.

E / A5.6 **2hr. FIRE BARRIER DESIGN NO. U411**
NOT TO SCALE (PAGE NO. 952 & 953 IN 2007 U.L. FIRE RESISTANCE DIRECTORY)

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

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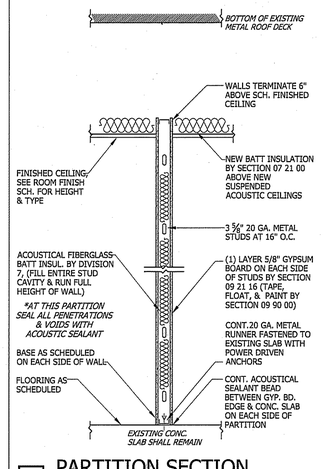
WILLIAM A. TWIFORD NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

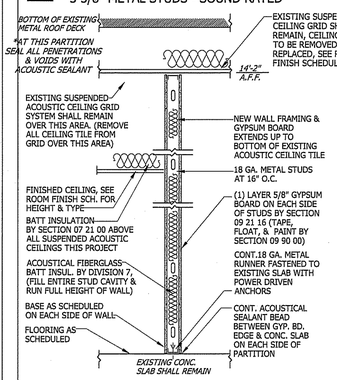
FIRE BARRIER/WALL DETAILS & MISC. FIRE RATING DETAILS

A5.6



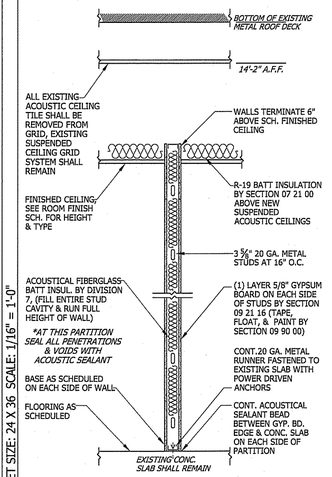
D PARTITION SECTION
6" METAL STUDS - SOUND RATED

C PARTITION SECTION
3 5/8" METAL STUDS - SOUND RATED



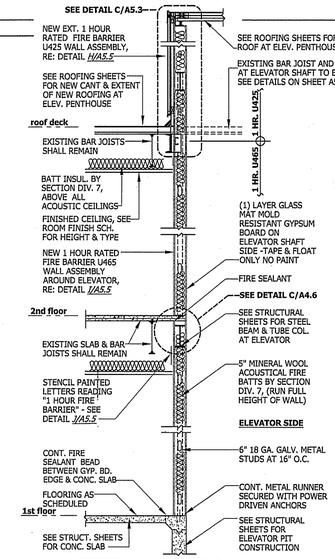
B6 PARTITION SECTION
6" METAL STUDS - to bottom of exist. ceiling

B PARTITION SECTION
3 5/8" METAL STUDS - to bottom of exist. ceiling

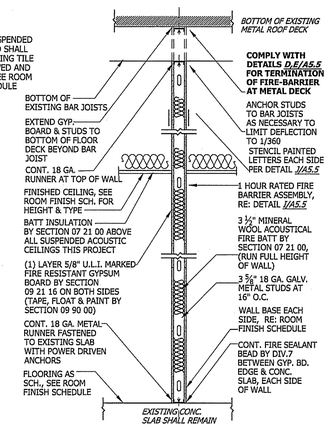


A PARTITION SECTION
3 5/8" METAL STUDS

SHEET SIZE: 24 X 36 SCALE: 1/16" = 1'-0"

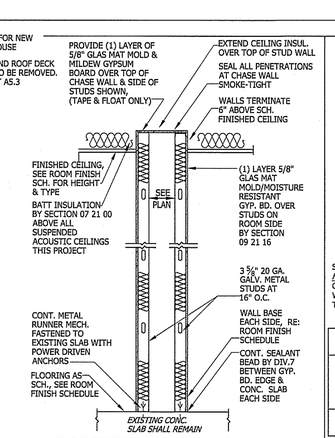


G PARTITION SECTION
1 HOUR FIRE BARRIER U.L. DESIGN NO. U425/U465 (AT ELEVATOR SHAFT)

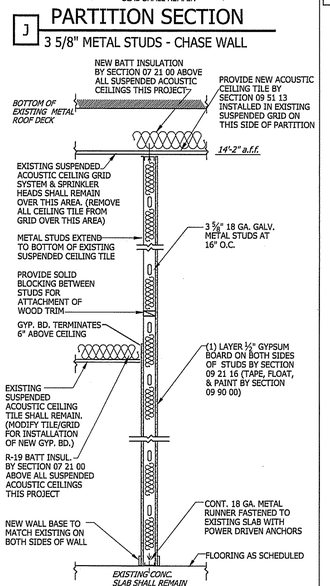


F PARTITION SECTION
1 HOUR FIRE BARRIER U.L. DESIGN NO. U465

***NOTE:** PROVIDE FLOOR & CEILING ANGLES, STEEL STUDS, LATERAL BRACING, INSUL. BATTS, GYPSUM BOARD, SCREWS, TAPE, & COMPOUND AS DETAILED IN U.L. DESIGN MANUAL FOR DESIGN NO. U465. PROVIDE APPROPRIATE U.L. LISTED FIRE SEALANT & JOINT SYSTEM AT ALL WALL EDGES. PROVIDE APPROPRIATE U.L. LISTED FIRE SEALANT &FIRE STOPPING SYSTEM AT ALL FIREWALL PENETRATIONS.*

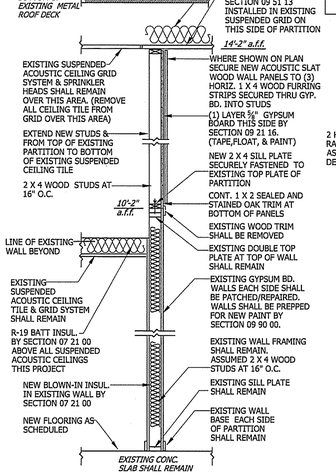


J PARTITION SECTION
3 5/8" METAL STUDS - CHASE WALL

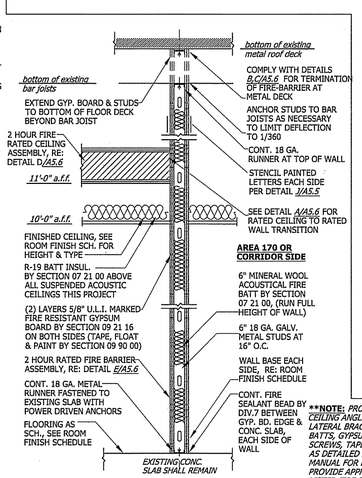


I PARTITION SECTION

***NOTE:** CONSTRUCTION OF THIS NEW PARTITION SHALL CLOSELY MATCH CONSTRUCTION OF EXISTING ADJ. EXISTING PARTITIONS.*

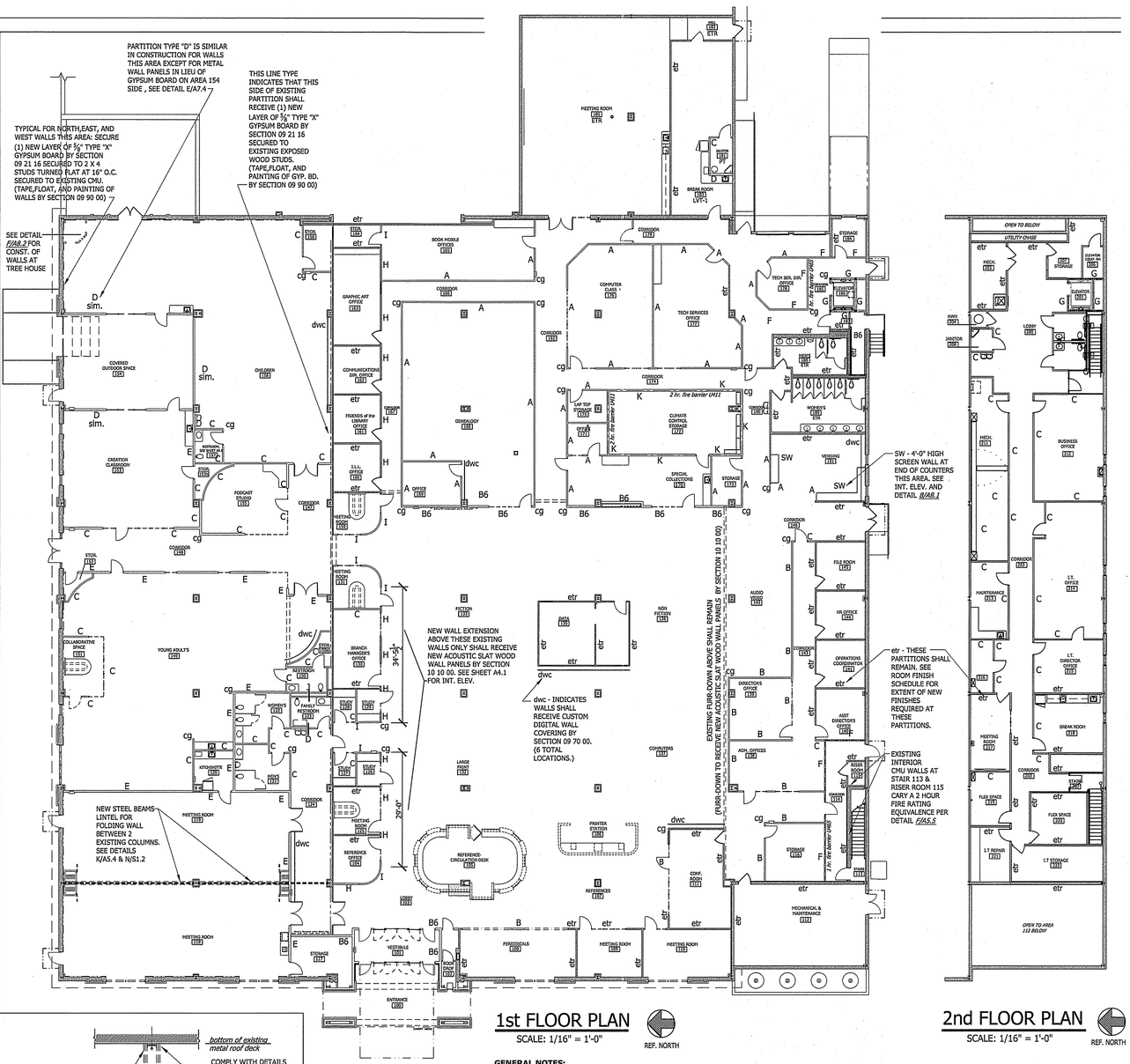


H PARTITION SECTION
NEW WALL EXTENSION AT EXIST. PARTITION



K PARTITION SECTION
2 HOUR FIRE BARRIER U.L. DESIGN U411

***NOTE:** PROVIDE FLOOR & CEILING ANGLES, STEEL STUDS, LATERAL BRACING, INSUL. BATTS, GYPSUM BOARD, SCREWS, TAPE, & COMPOUND AS DETAILED IN U.L. DESIGN MANUAL FOR DESIGN NO. U411. PROVIDE APPROPRIATE U.L. LISTED FIRE SEALANT & JOINT SYSTEM AT ALL WALL EDGES. PROVIDE APPROPRIATE U.L. LISTED FIRE SEALANT &FIRE STOPPING SYSTEM AT ALL FIREWALL PENETRATIONS.*



1st FLOOR PLAN
SCALE: 1/16" = 1'-0"

REF. NORTH

2nd FLOOR PLAN
SCALE: 1/16" = 1'-0"

REF. NORTH

GENERAL NOTES:
REFER TO SECTION 09 21 16 IN SPECIFICATIONS FOR NON-STRUCTURAL STEEL FRAMING FOR INTERIOR WALLS AND PARTITIONS INDICATED ON PLANS.

REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING SHEETS FOR DUCT OR PIPING LOCATIONS THAT PENETRATE FLOORS/WALLS. THESE SHALL BE SEALED AS SHOWN ON DETAILS B/CA5.5

CONTRACTOR SHALL NOTIFY ARCHITECT OF ALL DISCREPANCIES & CONFLICTS PRIOR TO BIDS IN ACCORDANCE WITH SPECIFICATIONS.

PARTITION NOTES

1. NOTE: ALL HUMID/ WET AREAS SHALL HAVE GLAS MAT MOISTURE/MOLD RESISTANT DRYWALL INCLUDING BATHROOMS, MECHANICAL CLOSETS, ELEVATOR SHAFTS, ETC....
2. SEE ROOM FINISH SCHEDULE & INTERIOR ELEVATIONS FOR WALL FINISHES. (SOME PARTITIONS WILL HAVE MULTIPLE FINISHES ON ONE OR BOTH SIDES.)
3. A PARTITION TYPE TO BE PROVIDED, RE: PLANS & PARTITION SECTIONS THIS SHEET.
4. ALL PENETRATIONS IN FIRE BARRIERS SHALL BE SEALED WITH APPROPRIATE RATED FIRE SEALANT OR U.L. RATED SEALANT ASSEMBLY.
5. PROVIDE 3" HIGH LETTERS ABOVE CEILINGS DENOTING FIRE BARRIER EACH SIDE OF ALL FIRE RATED WALLS.
6. ALL PENETRATIONS IN SOUND RATED WALLS SHALL BE SEALED WITH AN ACOUSTICAL SEALANT. FIRE/SMOKE SEALANT SHALL TAKE PRECEDENT OVER ACOUSTICAL SEALANT WHERE FIRE SEALANT IS REQUIRED.
7. SEAL AROUND ALL PENETRATIONS IN FIRE BARRIERS, INCLUDING MECHANICAL, PLUMBING AND ELECTRICAL MATERIALS WITH AN APPROPRIATE U.L. RATED FIRE STOPPING SYSTEM- REFER TO MEP SHEETS FOR WALL PENETRATIONS.
8. INSTALL FIRE RATED SEALANT STOPPING SYSTEMS FOR ALL PENETRATIONS IN FIRE RATED WALLS AND INSTALL ACOUSTICAL SEALANT AROUND ALL PENETRATIONS IN SOUND RATED WALLS.
9. THERE ARE MANY PARTICULAR REQUIREMENTS FOR THE INTERIOR WALLS IN THIS PROJECT INCLUDING SOUND, FIRE, AND STRUCTURAL. MOCKUPS OF EACH WALL TYPE WILL BE REQUIRED & MUST RECEIVE ARCHITECT'S APPROVAL PRIOR TO FINAL INSTALLATION.
10. PROVIDE A 4" MIN. JAMB ON HINGE SIDE, TYP. FOR ALL NEW INTERIOR DOORS.

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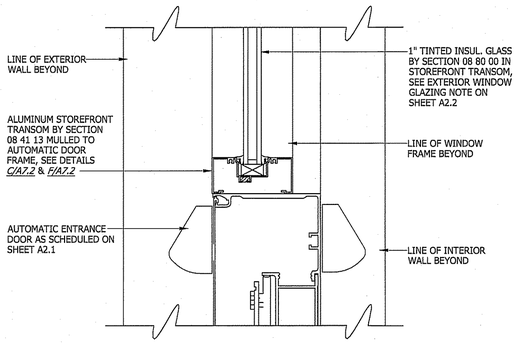
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

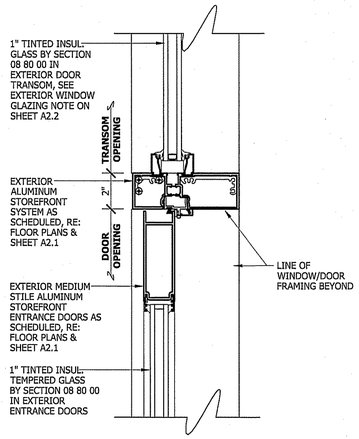
DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

1st & 2nd FLOOR PARTITION PLANS

A6.1



C A7.1 TRANSOM DETAIL
SCALE: 3" = 1'-0"



F A7.1 TRANSOM DETAIL
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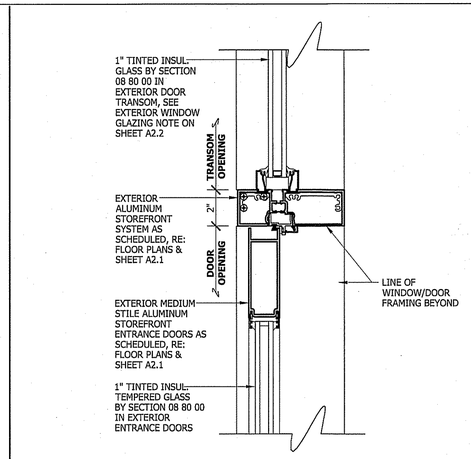
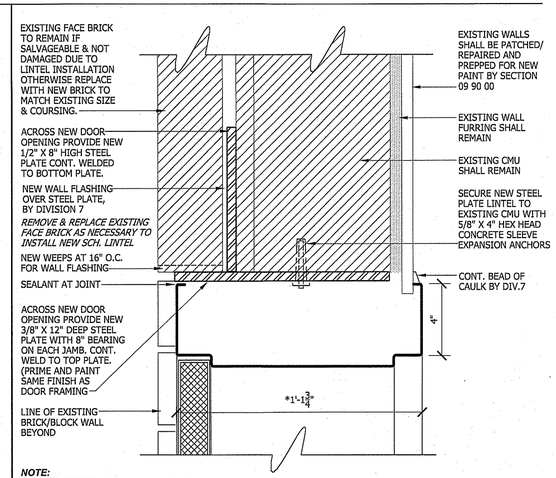
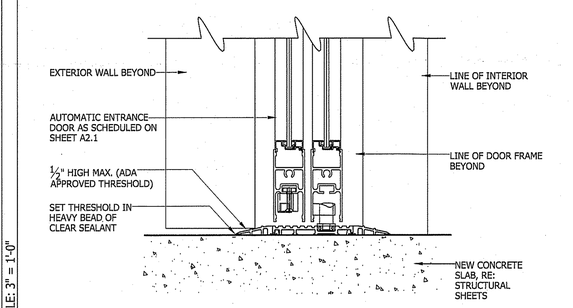


I A7.1 TRANSOM DETAIL
SCALE: 3" = 1'-0"

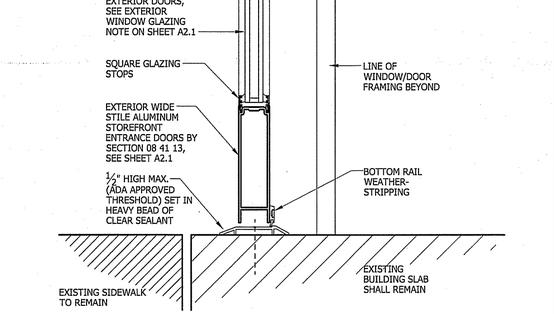


NOTE:
PATCH EXISTING MASONRY/CMU WALLS WHERE DAMAGED DUE TO DEMOLITION WORK & INSTALLATION OF NEW LINTEL

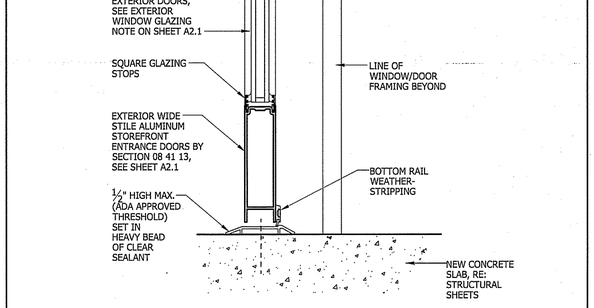
L A7.1 HEAD DETAIL
SCALE: 3" = 1'-0"



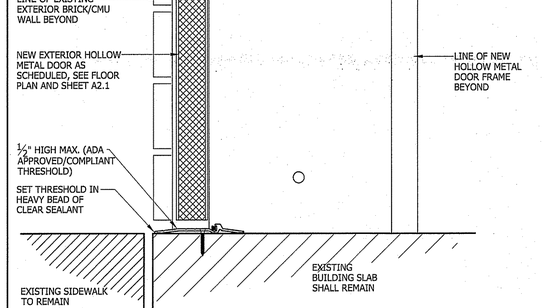
B A7.1 JAMB DETAIL
SCALE: 3" = 1'-0"



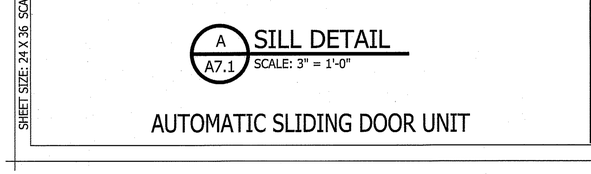
E A7.1 JAMB DETAIL
SCALE: 3" = 1'-0"



H A7.1 JAMB DETAIL
SCALE: 3" = 1'-0"



K A7.1 JAMB DETAIL
SCALE: 3" = 1'-0"



A A7.1 SILL DETAIL
SCALE: 3" = 1'-0"

AUTOMATIC SLIDING DOOR UNIT

D A7.1 SILL DETAIL
SCALE: 3" = 1'-0"

EXT. ALUM. STOREFRONT DOOR - NEW WALL OPNG.

G A7.1 SILL DETAIL
SCALE: 3" = 1'-0"

ALUMINUM STOREFRONT ENTRANCE DOOR

J A7.1 JAMB DETAIL
SCALE: 3" = 1'-0"

EXTERIOR H.M. DOOR - NEW WALL OPENING

SHEET SIZE: 24 X 36 SCALE: 3" = 1'-0"

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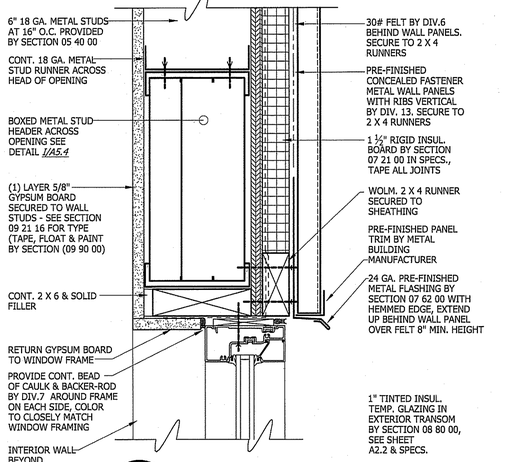
WILLIAM A. WALD
NO. 4155
STATE OF LOUISIANA
REGISTERED ARCHITECT

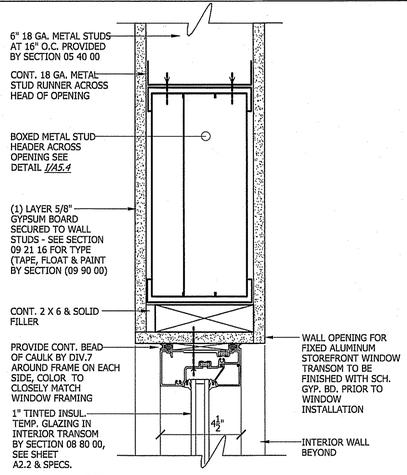
DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

DOOR DETAILS

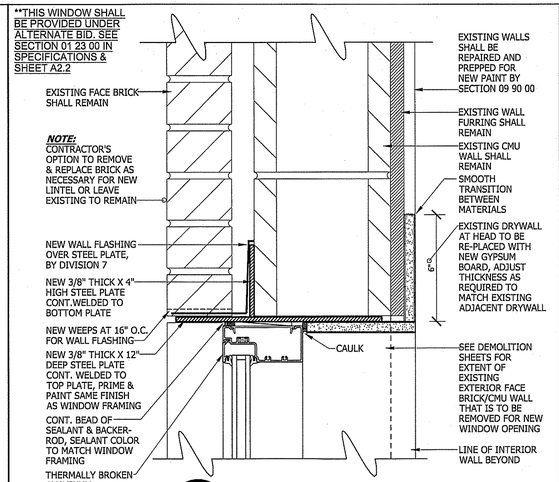
A7.1



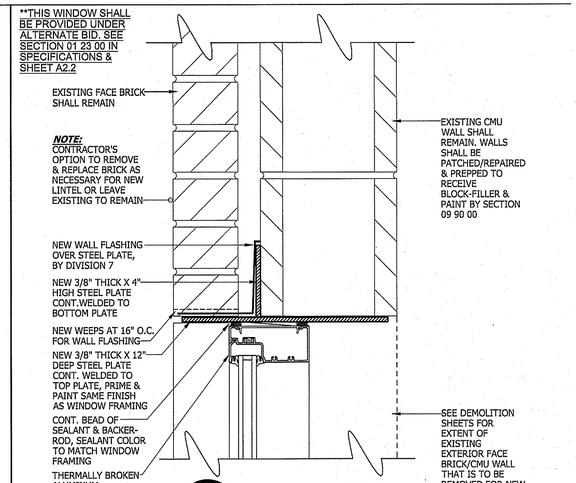
C A7.2 HEAD DETAIL
SCALE: 3" = 1'-0"



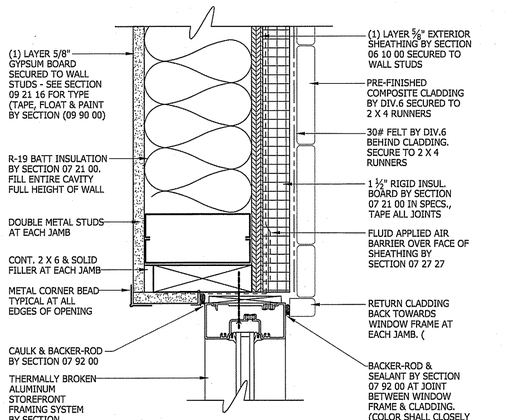
F A7.2 HEAD DETAIL
SCALE: 3" = 1'-0"



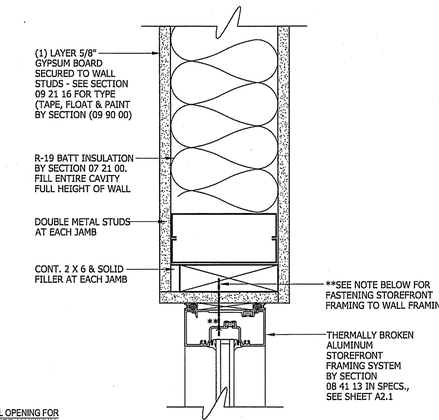
I A7.2 HEAD DETAIL
SCALE: 3" = 1'-0"



L A7.2 HEAD DETAIL
SCALE: 3" = 1'-0"

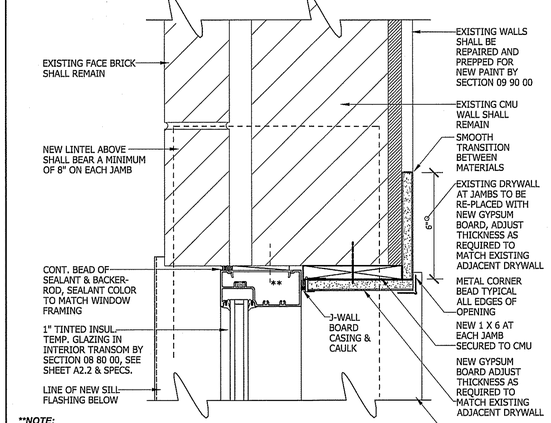


B A7.2 JAMB DETAIL
SCALE: 3" = 1'-0"



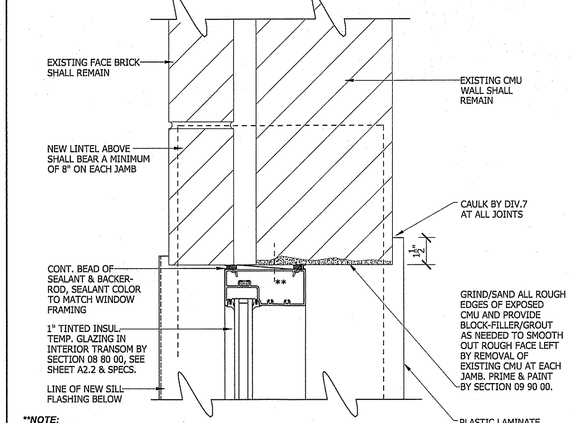
**NOTE:
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

E A7.2 JAMB DETAIL
SCALE: 3" = 1'-0"



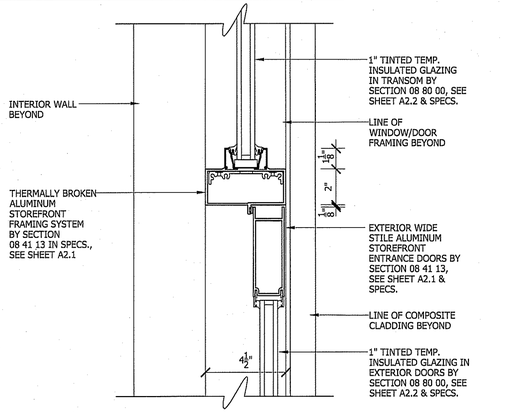
**NOTE:
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM FRAMING TO EXISTING CMU WALL WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS TO BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

H A7.2 JAMB DETAIL
SCALE: 3" = 1'-0"

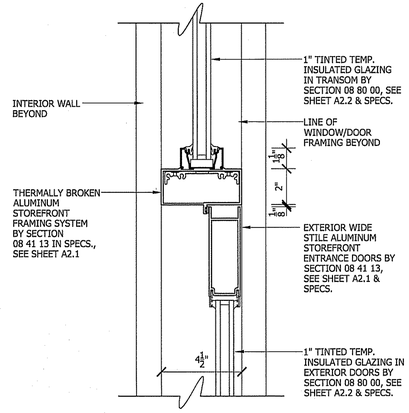


**NOTE:
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM FRAMING TO EXISTING CMU WALL WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS TO BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

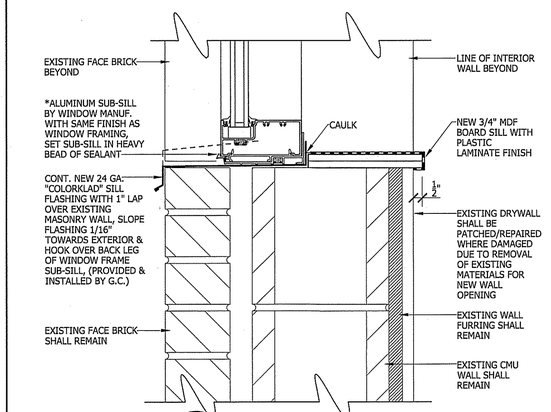
K A7.2 JAMB DETAIL
SCALE: 3" = 1'-0"



A A7.2 SILL DETAIL
SCALE: 3" = 1'-0"

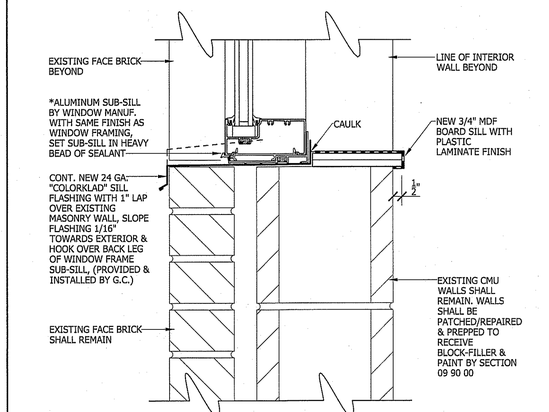


D A7.2 SILL DETAIL
SCALE: 3" = 1'-0"



*NOTE:
AT SUB-SILL KEEP WEEPS OPEN & CLEAN OF ANY SEALANT/DEBRIS THAT MAY ACCUMULATE & BLOCK WEEPS

G A7.2 SILL DETAIL
SCALE: 3" = 1'-0"



*NOTE:
AT SUB-SILL KEEP WEEPS OPEN & CLEAN OF ANY SEALANT/DEBRIS THAT MAY ACCUMULATE & BLOCK WEEPS

J A7.2 SILL DETAIL
SCALE: 3" = 1'-0"

EXT. ALUMINUM STOREFRONT TRANSOM DOORS MK.100a & 100b

INT. ALUMINUM STOREFRONT TRANSOM DOORS MK.101a & 101b

NEW EXT. FIXED ALUM. STOREFRONT WINDOW MK. "D" - ALT. BID

NEW EXT. FIXED ALUM. STOREFRONT WINDOW MK. "E" - ALT. BID

SHEET SIZE: 24 X 36 SCALE: 3" = 1'-0"

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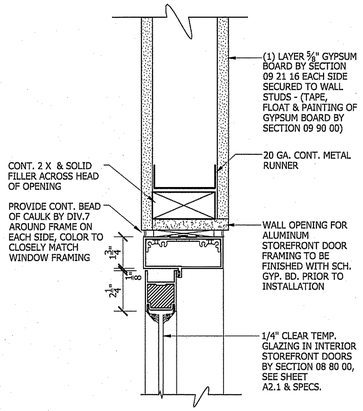
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY:	GWM
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

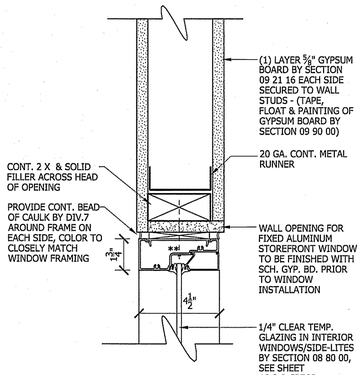
DOOR & WINDOW DETAILS

A7.2



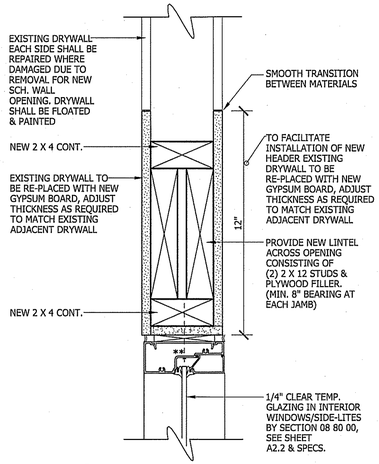
FRAMING NOTE:
DETAIL IS SHOWN WITH 3 5/8" METAL STUD FRAMING. CONDITION AT 6" METAL STUD FRAMING SIM. SEE PARTITION PLAN FOR LOCATION OF 6" METAL STUD WALLS

C A7.3 **HEAD DETAIL** SCALE: 3" = 1'-0"

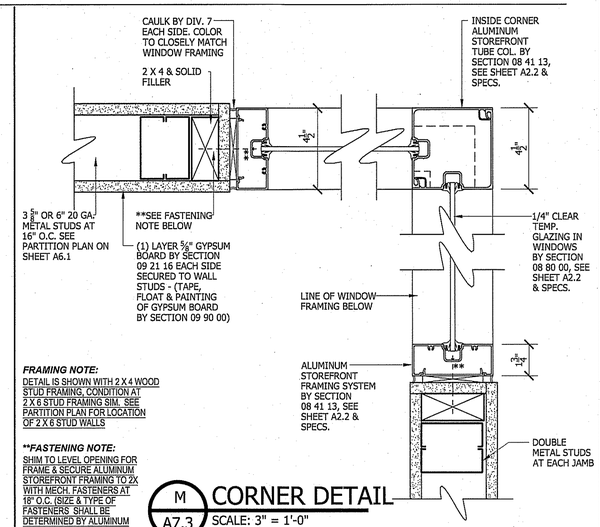


FRAMING NOTE:
DETAIL IS SHOWN WITH 3 5/8" METAL STUD FRAMING. CONDITION AT 6" METAL STUD FRAMING SIM. SEE PARTITION PLAN FOR LOCATION OF 6" METAL STUD WALLS

F A7.3 **HEAD DETAIL** SCALE: 3" = 1'-0"



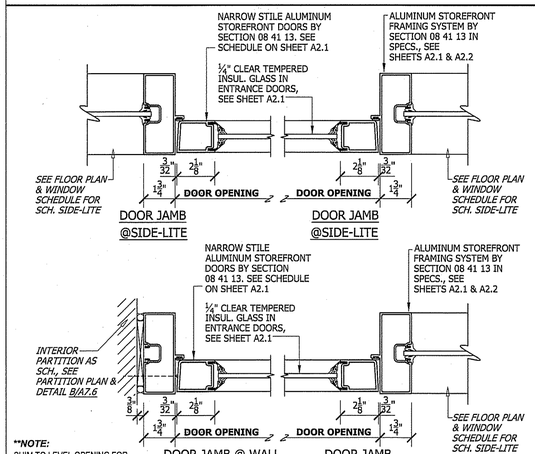
I A7.3 **HEAD DETAIL** SCALE: 3" = 1'-0"



FRAMING NOTE:
DETAIL IS SHOWN WITH 2 X 4 WOOD STUD FRAMING. CONDITION AT 2 X 6 STUD FRAMING SIM. SEE PARTITION PLAN FOR LOCATION OF 2 X 6 STUD WALLS

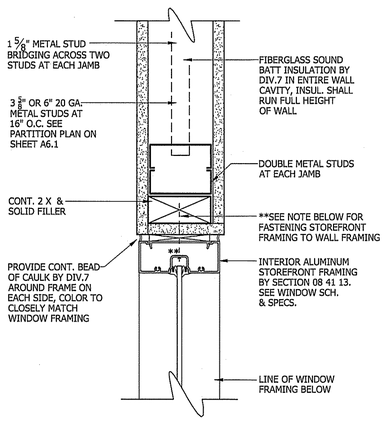
*****FASTENING NOTE:***
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO 2X WITH MECH. FASTENERS AT 16" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

M A7.3 **CORNER DETAIL** SCALE: 3" = 1'-0"



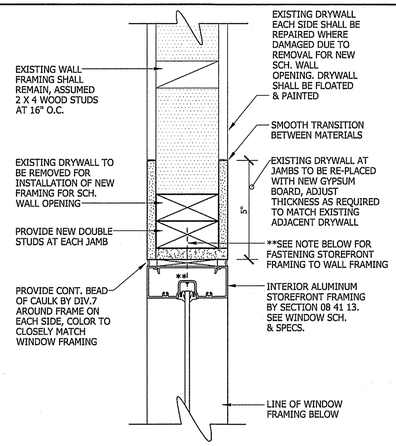
*****NOTE:***
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO FRAMING AT JAMBS WITH MECH. FASTENERS AT 16" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

B A7.3 **JAMB DETAILS** SCALE: 3" = 1'-0"



*****NOTE:***
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 16" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

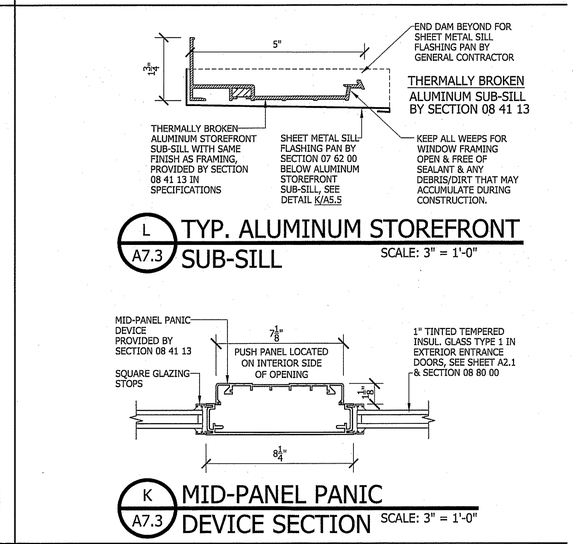
E A7.3 **JAMB DETAIL** SCALE: 3" = 1'-0"



*****NOTE:***
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 16" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

H A7.3 **JAMB DETAIL** SCALE: 3" = 1'-0"

FRAMING NOTE:
PROVIDE ADDITIONAL 2 X STUDS OR SOLID BLOCKING AS NEEDED FOR STABILITY OF EXISTING WALL & SECURE ATTACHMENT OF NEW GYP. BOARD

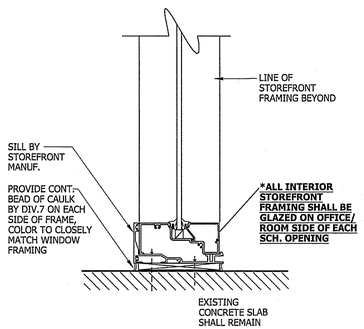


L A7.3 **TYP. ALUMINUM STOREFRONT SUB-SILL** SCALE: 3" = 1'-0"

K A7.3 **MID-PANEL PANIC DEVICE SECTION** SCALE: 3" = 1'-0"

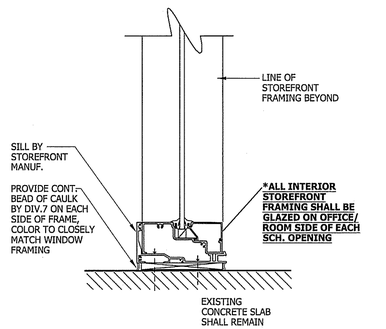
A A7.3 **SILL DETAIL** SCALE: 3" = 1'-0"

INTERIOR DOOR - ALUMINUM STOREFRONT



D A7.3 **SILL DETAIL** SCALE: 3" = 1'-0"

INTERIOR WINDOW - ALUMINUM STOREFRONT



G A7.3 **SILL DETAIL** SCALE: 3" = 1'-0"

INTERIOR WINDOW - ALUMINUM STOREFRONT

J A7.3 **MISC. DETAILS** SCALE: 3" = 1'-0"

MISC. ALUMINUM STOREFRONT DETAILS

SHEET SIZE: 24 X 36 SCALE: 3" = 1'-0"

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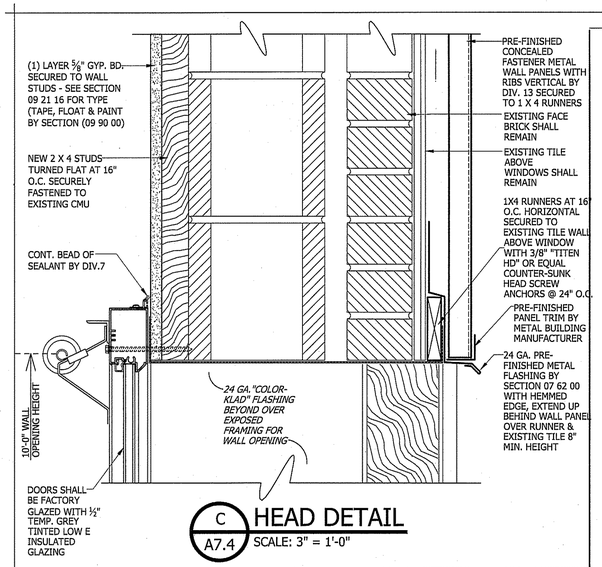
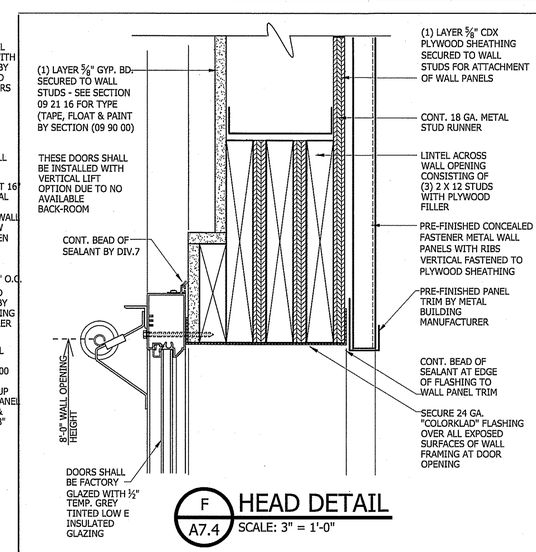
DRAWN BY:	GWM
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

DOOR & WINDOW DETAILS

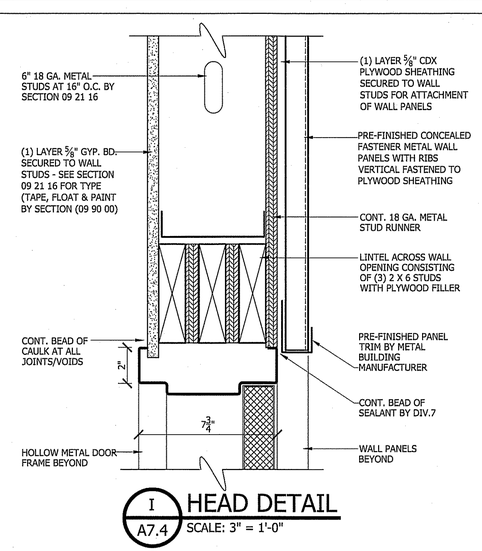
A7.3



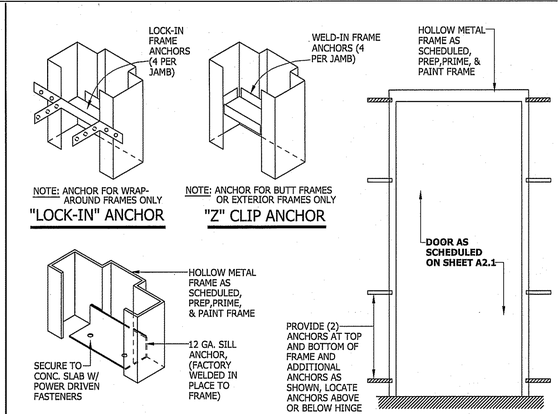
C A7.4 HEAD DETAIL
SCALE: 3" = 1'-0"



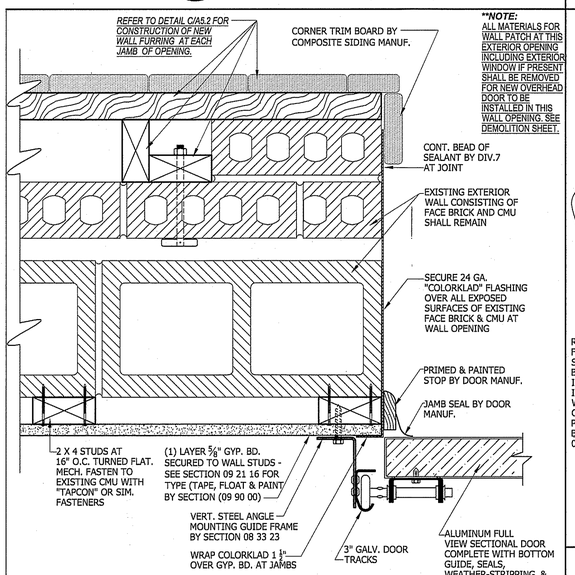
F A7.4 HEAD DETAIL
SCALE: 3" = 1'-0"



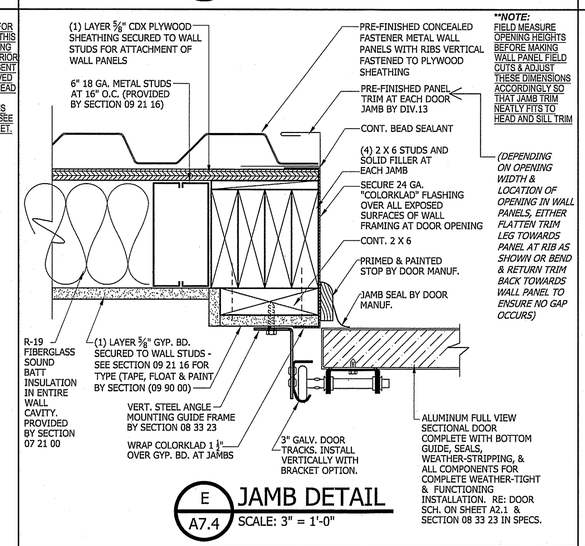
I A7.4 HEAD DETAIL
SCALE: 3" = 1'-0"



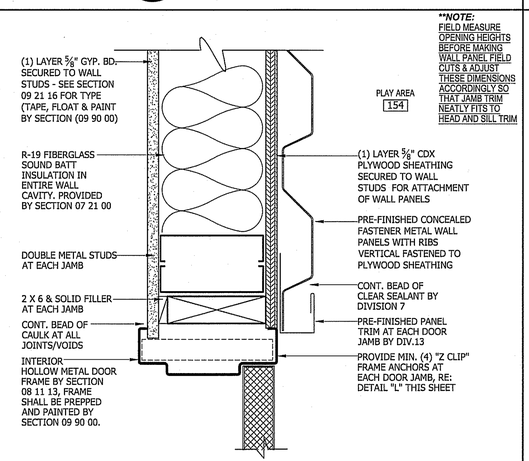
L A7.4 TYP. FRAME ANCHOR DETAILS
(FOR DOOR FRAMES IN STUD WALLS) NOT TO SCALE



B A7.4 JAMB DETAIL
SCALE: 3" = 1'-0"

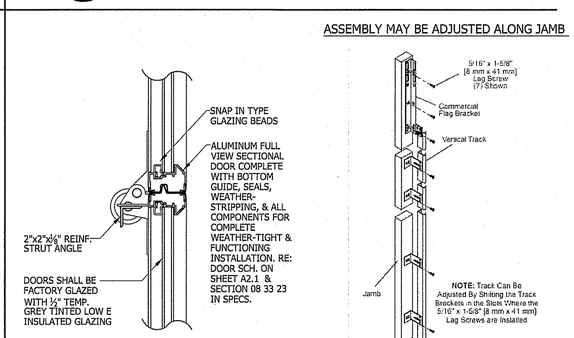


E A7.4 JAMB DETAIL
SCALE: 3" = 1'-0"

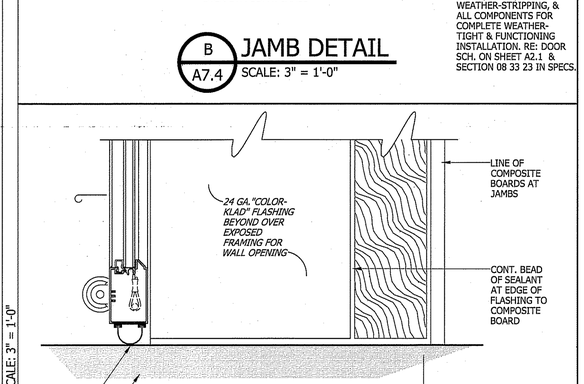


H A7.4 JAMB DETAIL
SCALE: 3" = 1'-0"

ASSEMBLY MAY BE ADJUSTED ALONG JAMB

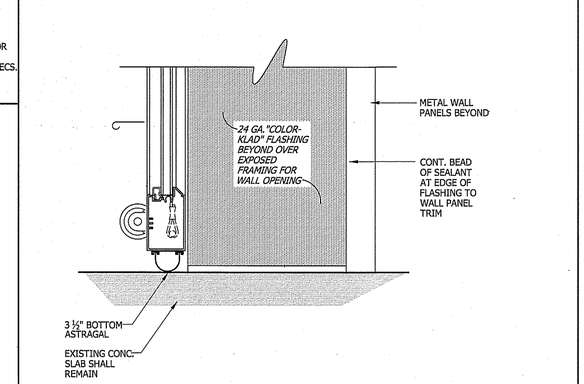


K A7.4 MISC. SECTIONAL DOOR DETAILS
SCALE: 3" = 1'-0"



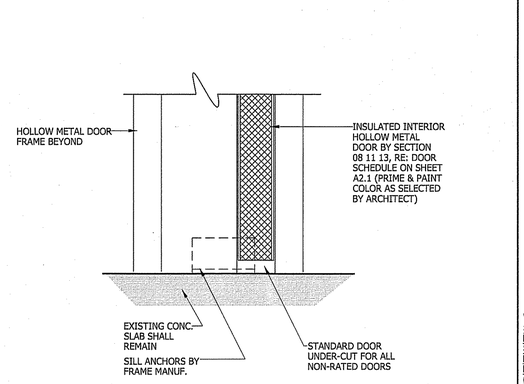
A A7.4 SILL DETAIL
SCALE: 3" = 1'-0"

EXT. DOOR - ALUMINUM FULL VIEW SECTIONAL DOOR



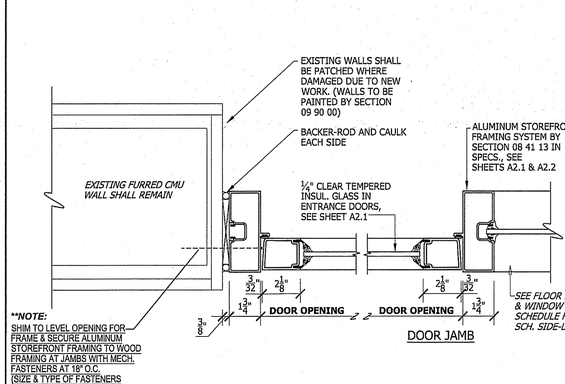
D A7.4 SILL DETAIL
SCALE: 3" = 1'-0"

INT. DOOR - ALUMINUM FULL VIEW SECTIONAL DOOR



G A7.4 SILL DETAIL
SCALE: 3" = 1'-0"

INTERIOR INSULATED HOLLOW METAL DOOR IN H.M. FRME



J A7.4 JAMB DETAIL
SCALE: 3" = 1'-0"

MISC. DOOR & WINDOW DETAILS

SHEET SIZE: 24 X 36 SCALE: 3" = 1'-0"

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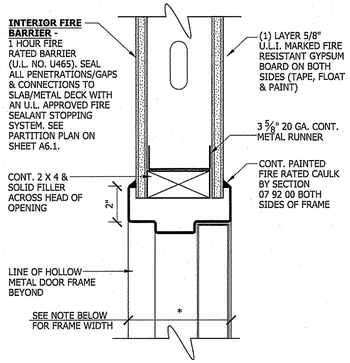
DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

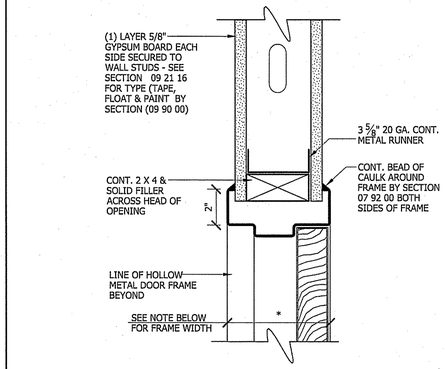
DOOR & WINDOW DETAILS

A7.4



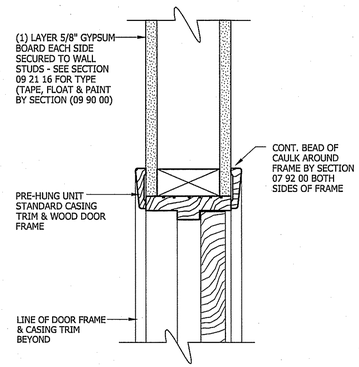
NOTE:
5 7/8" FRAME WIDTH AT 3 5/8" METAL STUD PARTITIONS & 8 1/4" FRAME WIDTH AT 6" METAL STUD PARTITIONS

C A7.5 HEAD DETAIL
SCALE: 3" = 1'-0"

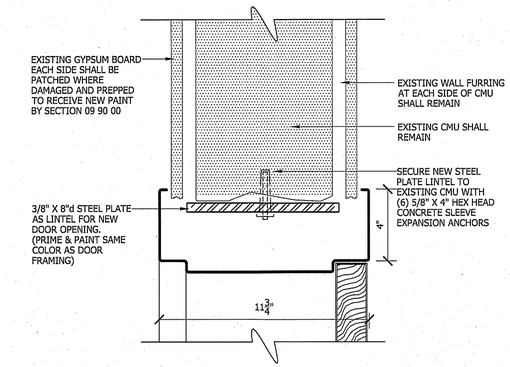


NOTE:
5 7/8" FRAME WIDTH AT 3 5/8" METAL STUD PARTITIONS & 8 1/4" FRAME WIDTH AT 6" METAL STUD PARTITIONS

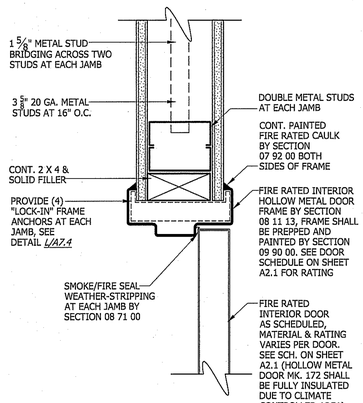
F A7.5 HEAD DETAIL
SCALE: 3" = 1'-0"



I A7.5 HEAD DETAIL
SCALE: 3" = 1'-0"

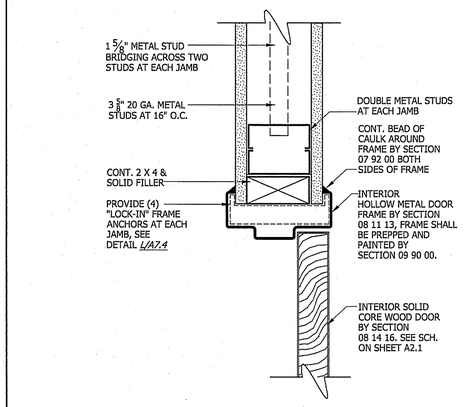


L A7.5 HEAD DETAIL
SCALE: 3" = 1'-0"

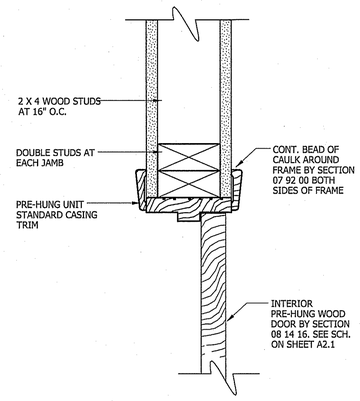


NOTE:
DOOR & FRAME SHALL CARRY AN APPROPRIATE RATING LABEL. INSTALLATION AND CLEARANCES MUST COMPLY WITH N.F.P.A. 101/ N.F.P.A. 80.

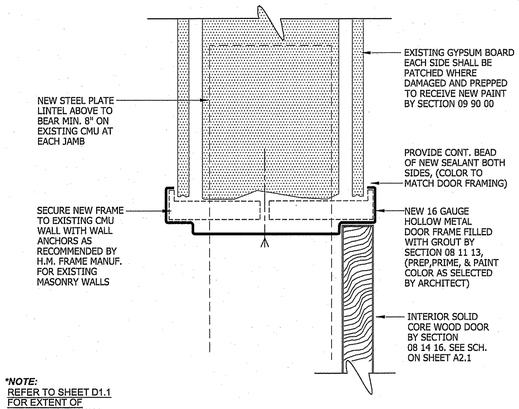
B A7.5 JAMB DETAIL
SCALE: 3" = 1'-0"



E A7.5 JAMB DETAIL
SCALE: 3" = 1'-0"

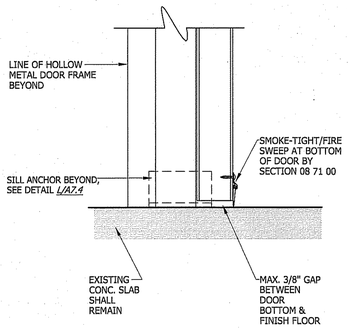


H A7.5 JAMB DETAIL
SCALE: 3" = 1'-0"

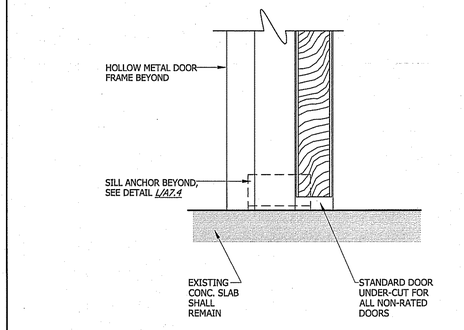


NOTE:
REFER TO SHEET D1.1 FOR EXTENT OF EXISTING CMU WALL THAT SHALL BE REMOVED FOR NEW SCH. DOOR OPENING. PATCH EXISTING ADJACENT CMU THAT IS TO REMAIN WHERE DAMAGED DUE TO REMOVAL

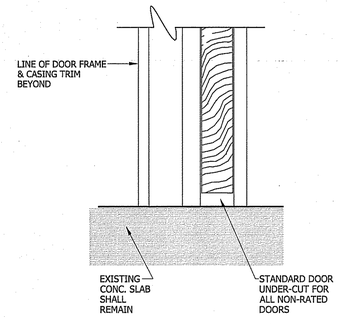
K A7.5 JAMB DETAIL
SCALE: 3" = 1'-0"



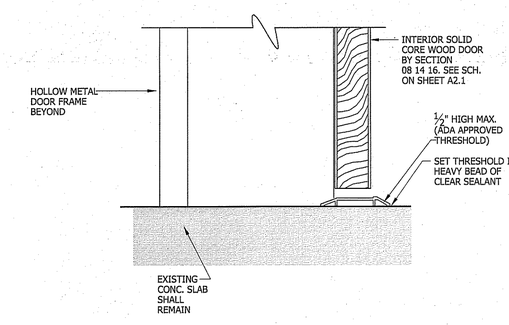
A A7.5 SILL DETAIL
SCALE: 3" = 1'-0"



D A7.5 SILL DETAIL
SCALE: 3" = 1'-0"



G A7.5 SILL DETAIL
SCALE: 3" = 1'-0"



J A7.5 SILL DETAIL
SCALE: 3" = 1'-0"

FIRE RATED DOOR & H.M. FRAME (rating varies)

INTERIOR SOLID CORE WOOD DOOR IN H.M. FRAME

INTERIOR PRE-HUNG DOOR UNIT

INTERIOR DOOR MK. 183

SHEET SIZE: 24 X 36 SCALE: 3" = 1'-0"

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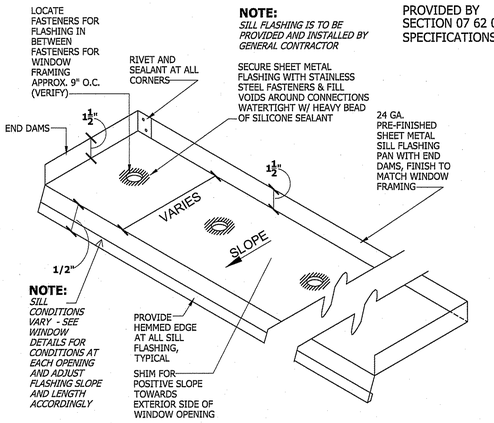
71201-5786

WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

DOOR DETAILS

A7.5

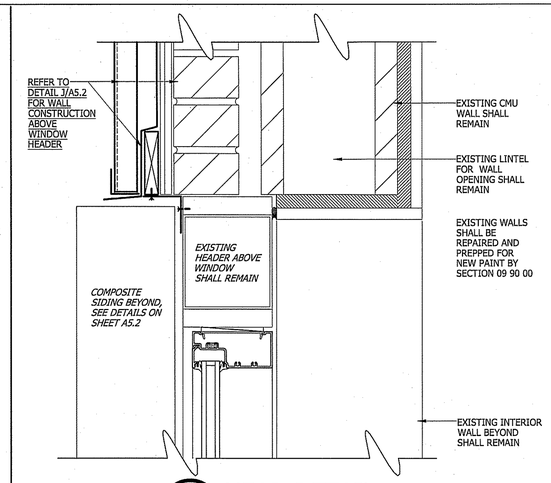


NOTE:
SILL FLASHING IS TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR

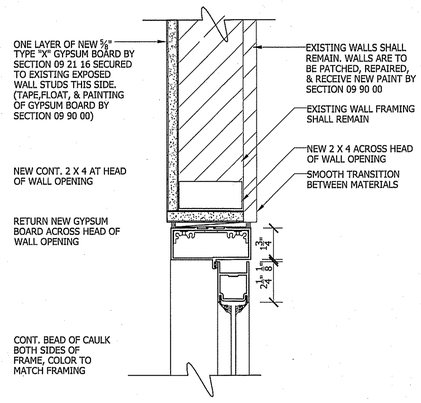
PROVIDED BY SECTION 07 62 00 IN SPECIFICATIONS

NOTE:
SILL CONDITIONS VARY - SEE WINDOW DETAILS FOR CONDITIONS AT EACH OPENING AND ADJUST FLASHING SLOPE AND LENGTH ACCORDINGLY

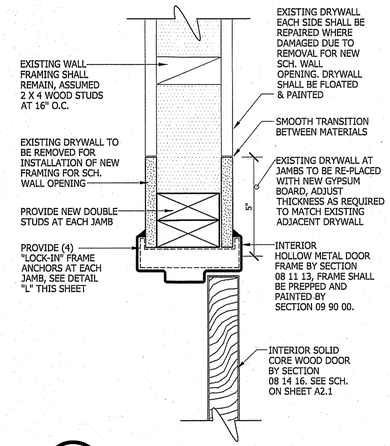
C / A7.6 **SHEET METAL SILL FLASHING DETAIL AT EXT. WINDOWS** N.T.S.



F / A7.6 **HEAD DETAIL** SCALE: 3" = 1'-0"



I / A7.6 **HEAD DETAIL** SCALE: 3" = 1'-0"



L / A7.6 **DOOR JAMB** SCALE: 3" = 1'-0"

FRAMING NOTE:
DETAIL IS SHOWN WITH 3 5/8" METAL STUD FRAMING, CONDITION AT 6" METAL STUD FRAMING SIM. SEE PARTITION PLAN FOR LOCATION OF 6" METAL STUD WALLS

NOTE:
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

B / A7.6 **ALUMINUM STOREFRONT DOOR JAMB** SCALE: 3" = 1'-0"

NOTE:
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM FRAMING TO EXISTING CMU WALL WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS TO BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

E / A7.6 **JAMB DETAIL** SCALE: 3" = 1'-0"

REFER TO DEMOLITION PLAN FOR EXISTING EXTERIOR WINDOWS THAT ARE TO BE REMOVED AND REPLACED UNDER ALT. BID

NOTE:
PATCH EXISTING WALLS WHERE DAMAGED DUE TO DEMOLITION OR INSTALLATION OF NEW FRAMING FOR WALL OPENING

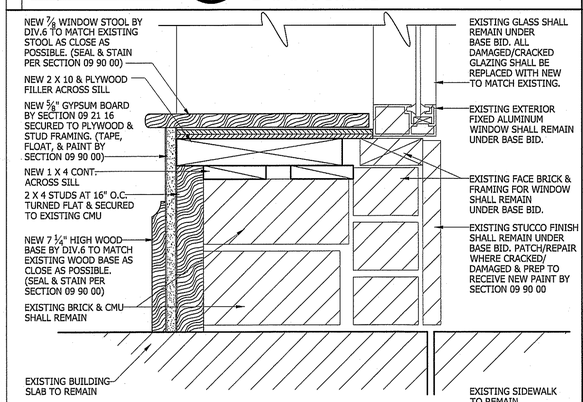
REFER TO DEMOLITION PLAN FOR EXTENT OF EXISTING WALL THAT IS TO BE REMOVED FOR NEW WALL OPENING AT SCHEDULED DOOR

H / A7.6 **JAMB DETAIL** SCALE: 3" = 1'-0"

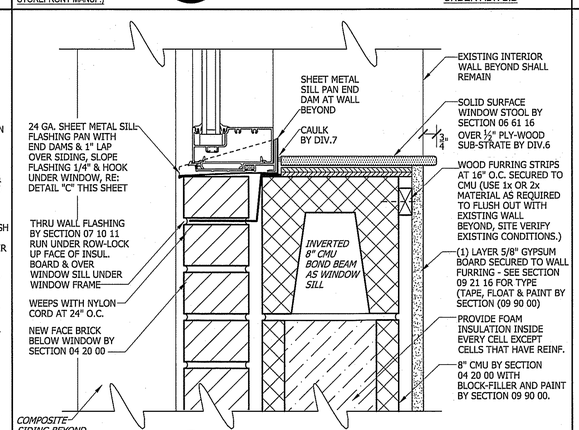
NOTE:
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

FRAMING NOTE:
PROVIDE ADDITIONAL 2 X STUDS OR SOLID BLOCKING AS NEEDED FOR STABILITY OF EXISTING WALL & SECURE ATTACHMENT OF NEW GYP. BOARD

K / A7.6 **ALUMINUM STOREFRONT DOOR JAMB** SCALE: 3" = 1'-0"



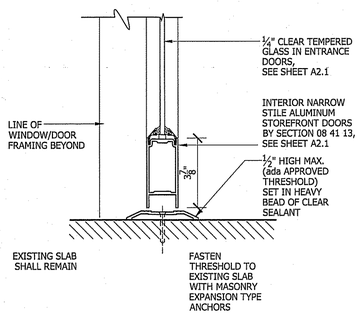
A / A7.6 **WINDOW SILL REPAIR DETAIL AT AREA 118** SCALE: 3" = 1'-0"
(APPLIES TO EXISTING WEST WINDOWS - BASE BID)



NOTE:
AT SUB-SILL KEEP WEEPS OPEN & CLEAN OF ANY SEALANT/DEBRIS THAT MAY ACCUMULATE & BLOCK WEEPS

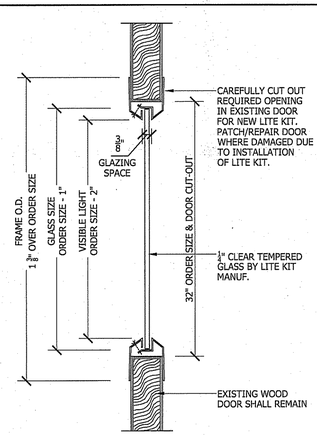
D / A7.6 **SILL DETAIL** SCALE: 3" = 1'-0"

**THIS WINDOW SHALL BE PROVIDED UNDER ALTERNATE BID. SEE SECTION 01 23 00 IN SPECIFICATIONS & SHEET A2.2



G / A7.6 **SILL DETAIL** SCALE: 3" = 1'-0"

NOTE:
LITE KIT TO BE PROVIDED AT EXISTING DOORS WHERE SHOWN IN DOOR SCHEDULES ON SHEET A2.1



J / A7.6 **DOOR VISION LITE KIT** SCALE: 3" = 1'-0"

SHEET SIZE: 24 X 36 SCALE: 3" = 1'-0"

MISC. WINDOW/DOOR DETAILS

EXT. FIXED WINDOW MK. "CA"- ALUM. STOREFRONT

INTERIOR DOOR - ALUMINUM STOREFRONT

MISC. DOOR DETAILS

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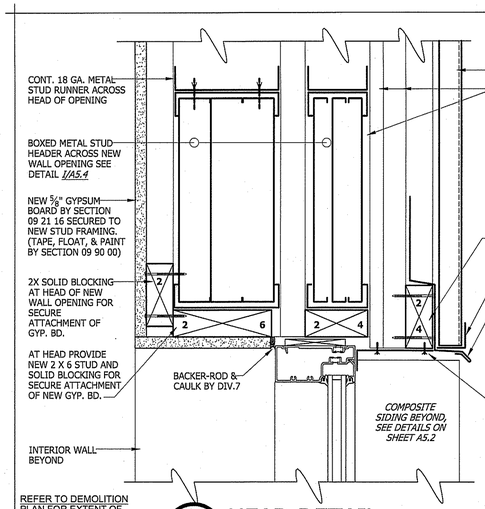
71201-5786

WILLIAM A. LAND III
NO. 4155
REGISTERED
STATE OF LOUISIANA
REGISTERED ARCHITECT

DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

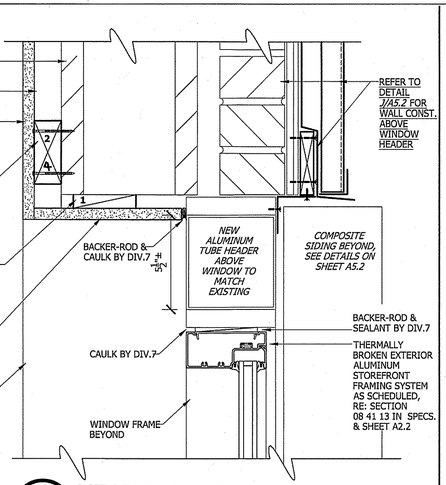
DOOR & WINDOW DETAILS

A7.6



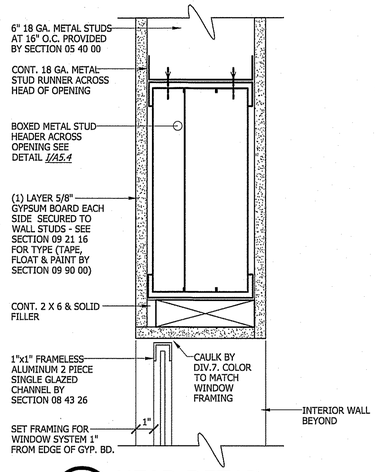
REFER TO DEMOLITION PLAN FOR EXTENT OF EXISTING EXTERIOR WALL PATCH THAT IS TO BE REMOVED FOR NEW WALL OPENING AT THIS SIDE-LITE

C HEAD DETAIL
A7.7 SCALE: 3" = 1'-0"

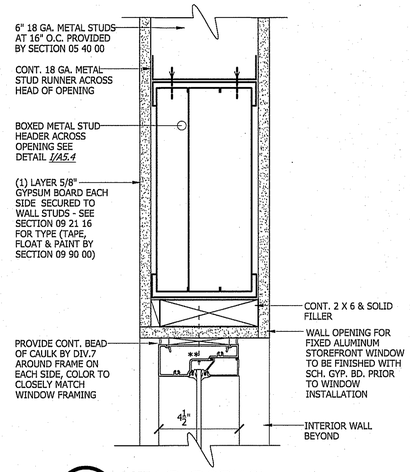


REFER TO DEMOLITION PLAN FOR EXISTING EXTERIOR WALL PATCH THAT IS TO BE REMOVED FOR NEW WALL OPENING AT THIS WINDOW

F HEAD DETAIL
A7.7 SCALE: 3" = 1'-0"

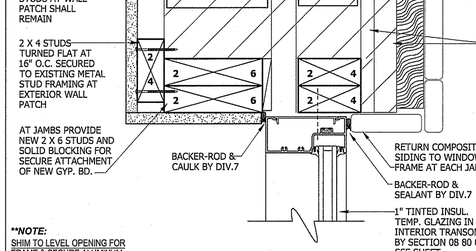


I HEAD DETAIL
A7.7 SCALE: 3" = 1'-0"



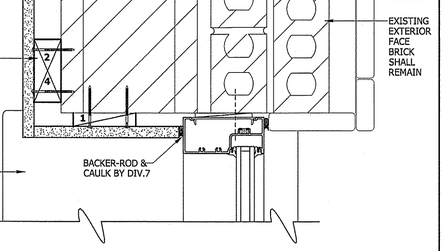
FRAMING NOTE:
DETAIL IS SHOWN WITH 6" METAL STUD FRAMING. CONDITION AT 3 5/8" METAL STUD FRAMING SIM. SEE PARTITION PLAN FOR LOCATION OF 3 5/8" METAL STUD WALLS

L HEAD DETAIL
A7.7 SCALE: 3" = 1'-0"



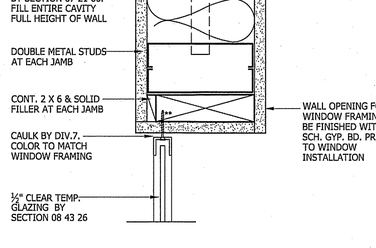
***NOTE:**
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

B JAMB DETAIL
A7.7 SCALE: 3" = 1'-0"



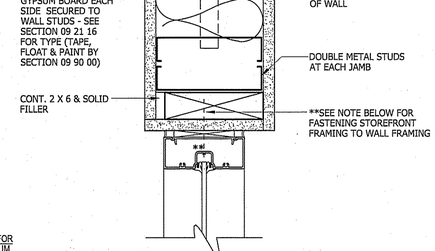
***NOTE:**
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO EXISTING MASONRY AT JAMBS WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

E JAMB DETAIL
A7.7 SCALE: 3" = 1'-0"



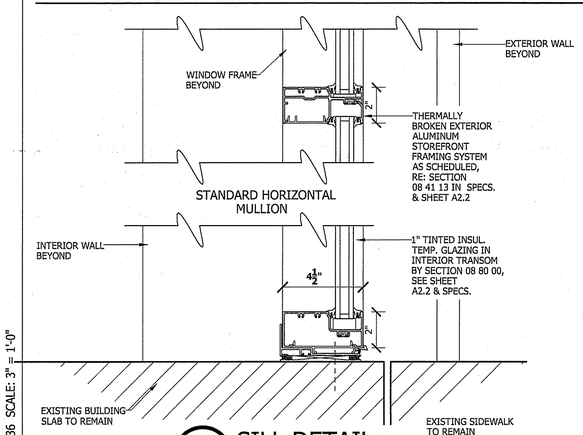
***NOTE:**
SECURE ALUMINUM FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM WINDOW MANUF.)

H JAMB DETAIL
A7.7 SCALE: 3" = 1'-0"



***NOTE:**
SHIM TO LEVEL OPENING FOR FRAME & SECURE ALUMINUM STOREFRONT FRAMING TO WOOD FRAMING AT JAMBS WITH MECH. FASTENERS AT 18" O.C. (SIZE & TYPE OF FASTENERS SHALL BE DETERMINED BY ALUMINUM STOREFRONT MANUF.)

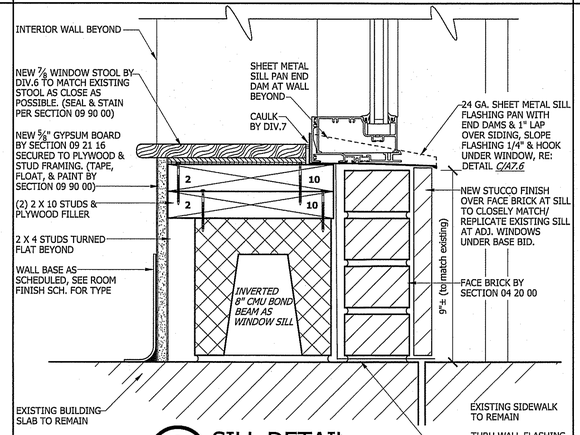
K JAMB DETAIL
A7.7 SCALE: 1 1/2" = 1'-0"



***NOTE:**
AT SUB-SILL KEEP WEEPS OPEN & CLEAN OF ANY SEALANT/DEBRIS THAT MAY ACCUMULATE & BLOCK WEEPS

A SILL DETAIL
A7.7 SCALE: 3" = 1'-0"

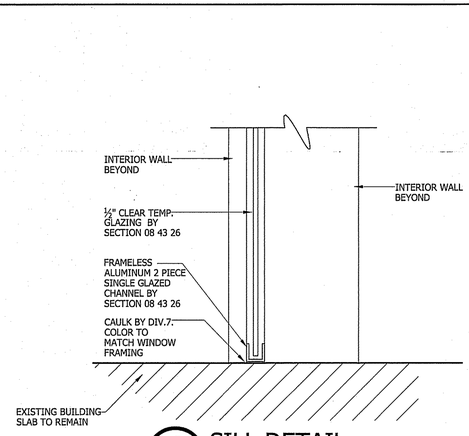
EXT. FIXED WINDOW MK. "F"- ALUM. STOREFRONT



***NOTE:**
AT SUB-SILL KEEP WEEPS OPEN & CLEAN OF ANY SEALANT/DEBRIS THAT MAY ACCUMULATE & BLOCK WEEPS

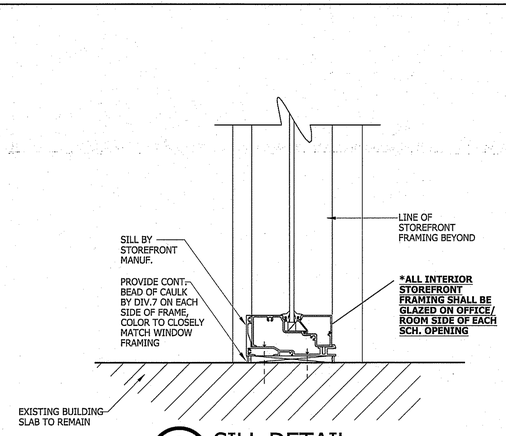
D SILL DETAIL
A7.7 SCALE: 3" = 1'-0"

EXT. FIXED WINDOW MK. "G"- ALUM. STOREFRONT



G SILL DETAIL
A7.7 SCALE: 3" = 1'-0"

INT. FRAMELESS ALUM. FIXED STOREFRONT WINDOW



J SILL DETAIL
A7.7 SCALE: 3" = 1'-0"

INTERIOR ALUMINUM STOREFRONT WINDOW

SHEET SIZE: 24 X 36 SCALE: 3" = 1'-0"

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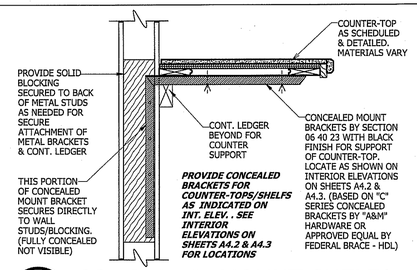
71201-5786

WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

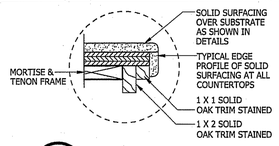
WINDOW DETAILS

A7.7

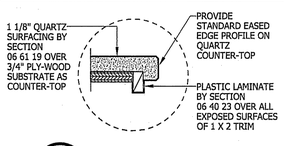


A A8.1 CONCEALED MOUNT SHELF/ COUNTER BRACKET DETAIL

SCALE: 1 1/2" = 1'-0"



A A ENLARGED COUNTER EDGE DETAIL N.T.S.



B B ENLARGED COUNTER EDGE DETAIL N.T.S.

D A8.1 ENLARGED COUNTER EDGE DETAILS N.T.S.

MILLWORK NOTES

ALL COUNTERTOP OUTSIDE CORNERS SHALL ROUNDED WITH A 2" RADIUS. *SHOP DRAWINGS SUBMITTED WITHOUT ROUNDED RADIUS SHALL BE REJECTED.*

ALL MILLWORK SHALL HAVE CONCEALED HINGES.

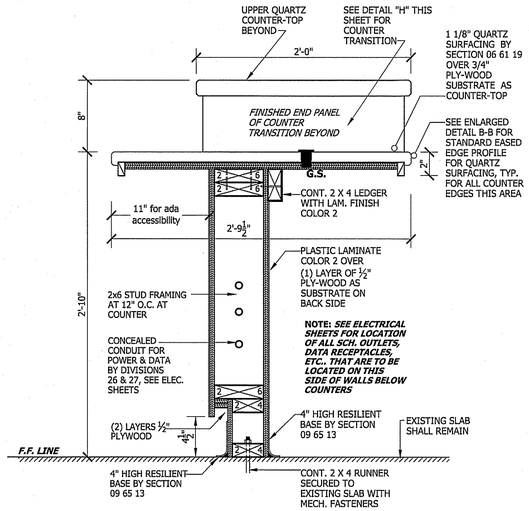
ALL INTERIOR METAL STUD WALLS BY GENERAL CONTRACTOR. WOOD STUD WALLS WHERE INDICATED ON MILLWORK SECTIONS THIS SHEET AT TABLES, BELOW COUNTER-TOPS, OR WHERE INDICATED IN DETAILS, ETC..... ARE TO BE PROVIDED BY MILLWORK CONTRACTOR. SEE SECTIONS 06 10 00 & 06 40 23 IN SPECIFICATIONS.

PROVIDE CONT. BEAD OF CAULK AT ALL COUNTER-TOP TO WALL TRANSITIONS.

AT MILLWORK PROVIDE .050 THICK HIGH PRESSURE PLASTIC LAMINATE OVER ALL EXPOSED SURFACES OF MILLWORK & PROVIDE MELLAMINE FOR ALL SEMI-EXPOSED SURFACES OF MILLWORK.

RECESS ALL FASTENERS AT MILLWORK THAT IS SECURED TO WALLS, FASTENERS SHALL NOT BE VISIBLE. FILL VOIDS AT FASTENERS WITH CAULK & PAINT/STAIN TO MATCH INTERIOR FINISH OF CABINET BACK.

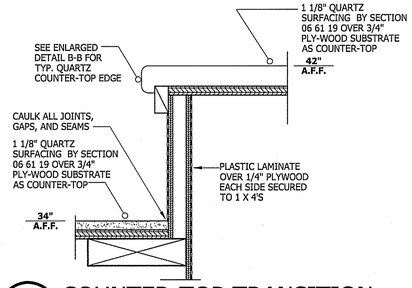
PROVIDE PLYWOOD UNDER-LAYMENT WHERE INDICATED ON MILLWORK DETAILS OR ELEVATIONS. THIS REQUIREMENT IS INTENTIONALLY MORE STRINGENT THAN MILLWORK SPECS. INDICATE DUE TO HIGH ABUSE OR WET LOCATIONS.



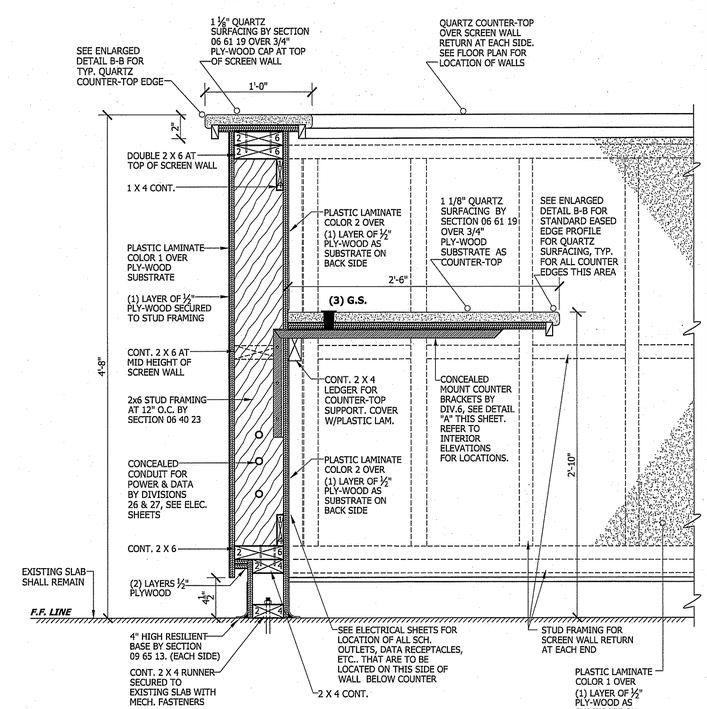
E A8.1 ada COUNTER SECTION

REF./CIRCULATION DESK AT AREA 105

SCALE: 1 1/2" = 1'-0"



H A8.1 COUNTER-TOP TRANSITION DETAIL NOT TO SCALE



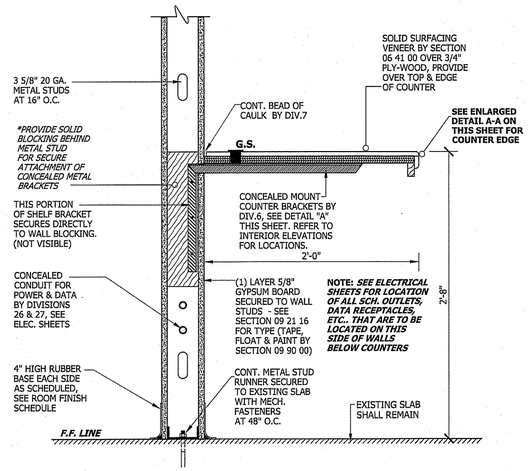
G A8.1 COUNTER SECTION AT PRINTER STATION SCREEN WALL

PRINTER STATION AT AREA 106

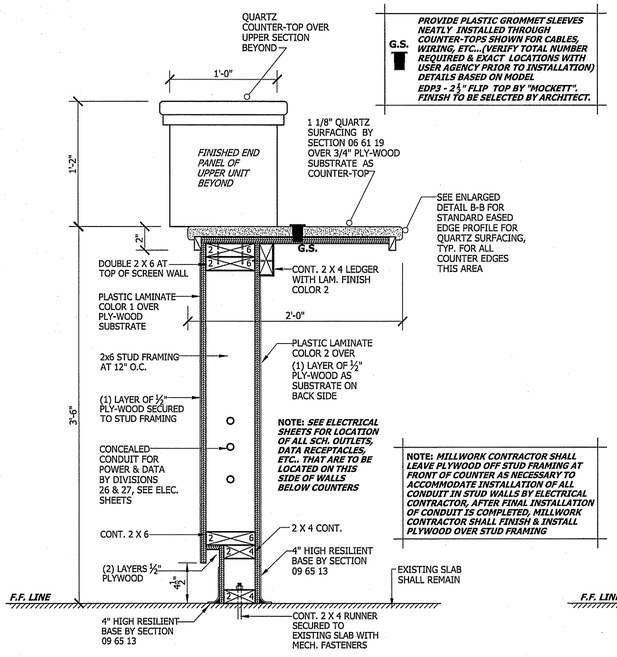
(SEE FLOOR PLAN ON SHEET A1.1 & INT. ELEV. ON SHEET A4.2)

SCALE: 1 1/2" = 1'-0"

B A8.1 DELETED



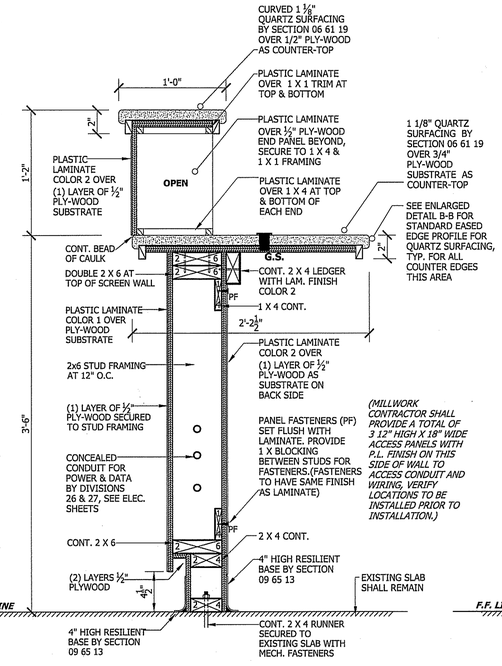
C A8.1 COUNTER DETAIL AT AREA 191 SCALE: 1 1/2" = 1'-0"



F A8.1 COUNTER SECTION

REF./CIRCULATION DESK AT AREA 105

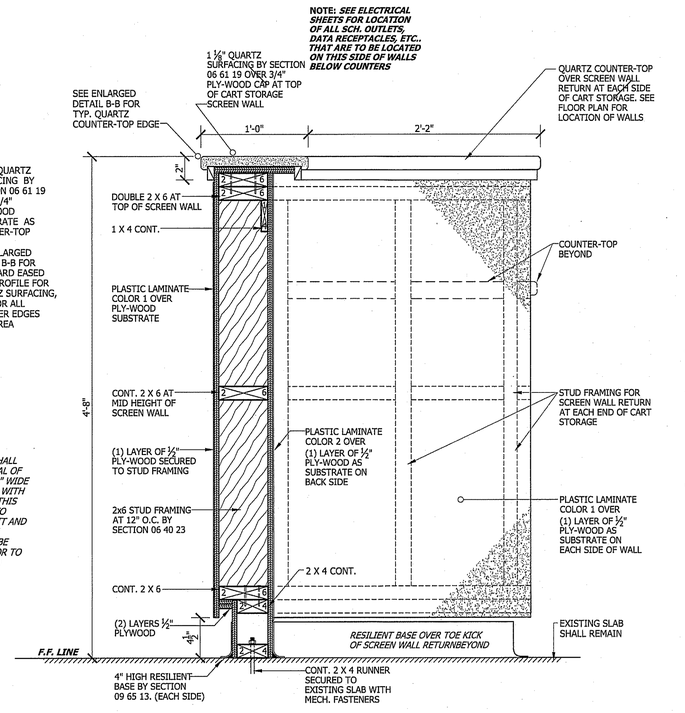
SCALE: 1 1/2" = 1'-0"



I A8.1 COUNTER SECTION

REF./CIRCULATION DESK AT AREA 105

SCALE: 1 1/2" = 1'-0"



J A8.1 COUNTER SECTION AT CART SCREEN WALL SCALE: 1 1/2" = 1'-0"

REF./CIRCULATION DESK AT AREA 105 (SEE FLOOR PLAN & INT. ELEV. ON SHEET A4.2)

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

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71201-5786

WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: GWM

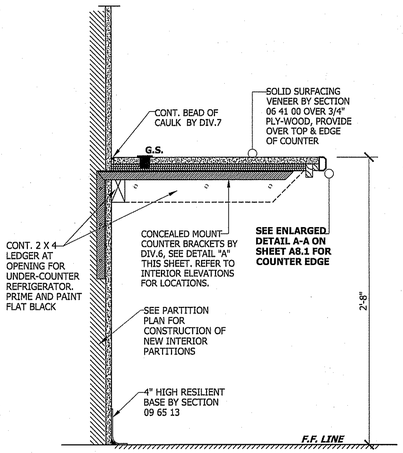
CHK'D BY: WAL

JOB # 1963

DATE: 08/2024

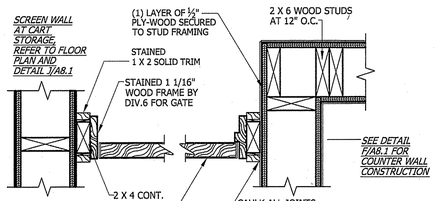
MILLWORK

A8.1



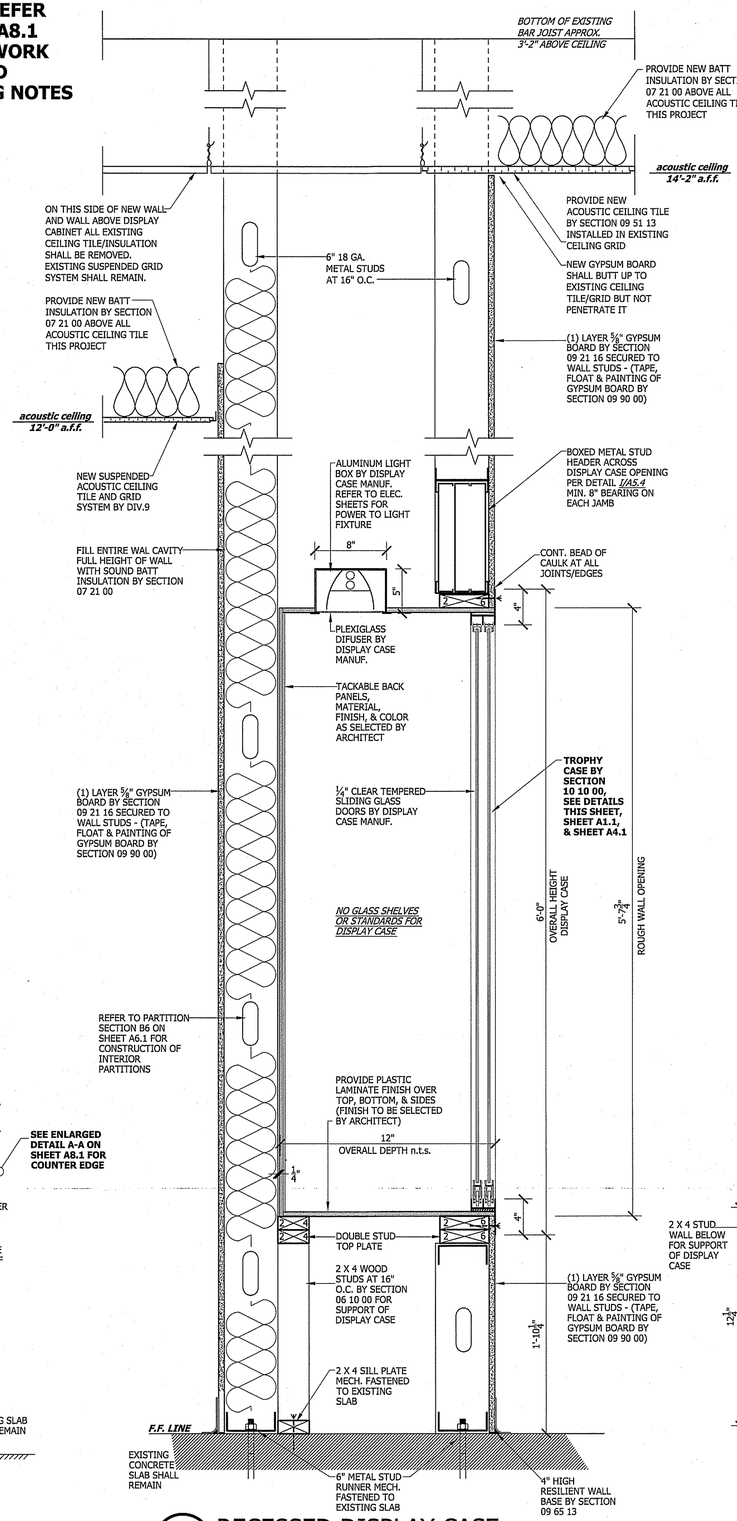
A A8.2 COUNTER DETAIL AT STUDY AREAS SCALE: 1 1/2" = 1'-0"

G.S. ***PROVIDE PLASTIC GROMMET SLEEVES NEATLY INSTALLED THROUGH COUNTER-TOPS SHOWN FOR CABLES, WIRING, ETC. (VERIFY TOTAL NUMBER REQUIRED & EXACT LOCATIONS WITH USER AGENCY PRIOR TO INSTALLATION) DETAILS BASED ON MODEL EDP3 - 2½" FLIP TOP BY "MOCKETT". FINISH TO BE SELECTED BY ARCHITECT.***

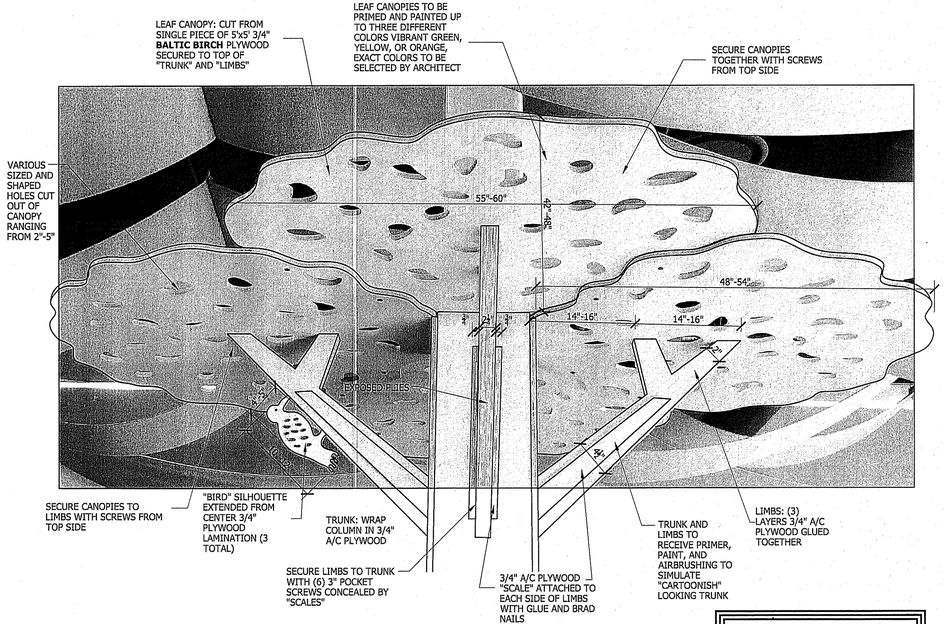


B A8.2 SOLID CORE WOOD GATE DETAILS SCALE: 1 1/2" = 1'-0"

****NOTE: REFER TO SHEET A8.1 FOR MILLWORK NOTES AND MOULDING NOTES**



D A8.2 RECESSED DISPLAY CASE SCALE: 1 1/2" = 1'-0"

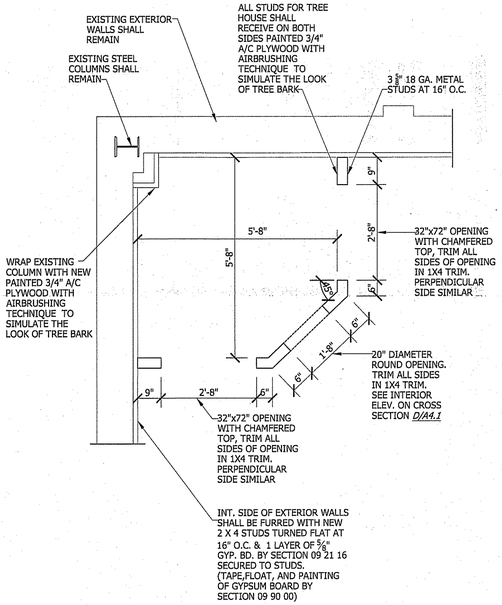


E A8.2 PLYWOOD TREE CANOPY DETAIL NOT TO SCALE

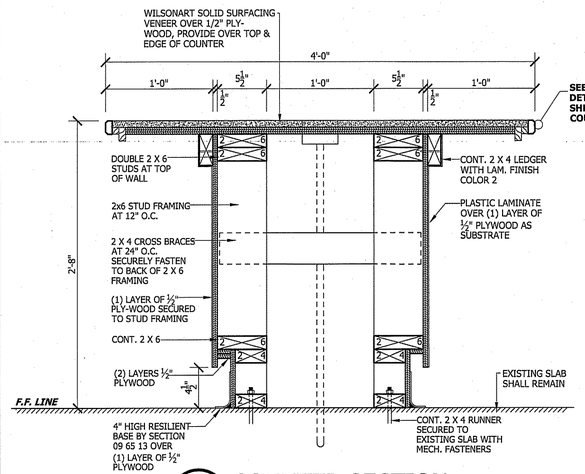
(9) TOTAL LIMBS/CANOPIES (THIS DETAIL DEPICTS 3 LIMBS)

CANOPY HEIGHT VARIES FROM 10'-11', SEE A4.1

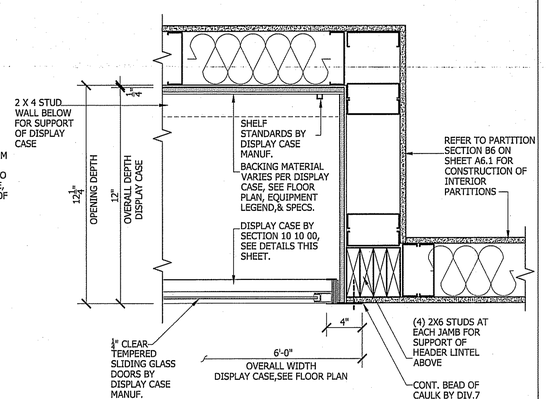
DESIGN INTENT IS FOR CANOPY AND LIMBS TO HAVE A "FREE FORM" SHAPE AND EACH CAN BE HAND MADE AND UNIQUE. APPROXIMATE DIMENSIONS ARE PROVIDED FOR SCALE PURPOSES BUT FINAL DESIGN REQUIRES AN "ARTISTIC" APPROACH FOR LAYOUT



F A8.2 ENLARGED FLOOR PLAN OF TREE HOUSE-AREA 156 SCALE: 1/2" = 1'-0"



C A8.2 COUNTER SECTION COLLABORATIVE TABLES SCALE: 1 1/2" = 1'-0"



JAMB SECTION (OPPOSITE END SIM.)

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

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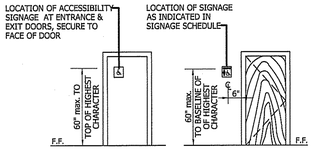
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: GWM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

MILLWORK & DISPLAY CASE DETAILS

A8.2



TYPICAL MOUNTING LOCATIONS

FOR ADA SIGNAGE

NOTE: SECURELY MOUNT ALL SIGNAGE TO WALL WITH ADHESIVE AND SCREWS USING CONCEALED MOUNTING METHOD.

(USE ADHESIVE ONLY WHERE SIGNAGE IS SECURED AT FIRE WALLS FASTENERS NOT ALLOWED)

NOTE:WHERE SIGNAGE LOCATION SHOWN CONFLICTS WITH SIDELITE OR WALL, PROVIDE ALTERNATE LOCATION AS DIRECTED BY FIRE MARSHALL

ALL SIGNS SHALL COMPLY WITH ADAG. WITH RAISED 1/32" CHARACTERS IN SANS SERIF STYLE,5/8" MIN. HEIGHT, GRADE II BRAILLE LETTERING ON A CONTRASTING BACKGROUND WITH NON-GLARE FINISH. CHARACTER PROPORTION: LETTERS AND NUMBERS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 & 1:10. PROVIDE ALL COMPONENTS FOR A COMPLETE FINISHED INSTALLATION. PROVIDE COMPLETE SUBMITTALS AND VERIFY ALL WORDING/LOCATIONS WITH OWNER/ARCHITECT PRIOR TO FINAL MOUNTING/1NSTALLATION OF SIGNS.

4" X 4" PREMIUM VINYL DECAL WITH INTERNATIONAL SYMBOL OF ada ACCESSIBILITY AT ALL ACCESSIBLE ENT. DOORS - SECURE ADJACENT TO EXTERIOR SIDE OF ENT. DOORS ON WALL. OR DOOR GLASS

8" X 8" EXIT SIGN WITH ADA BRAILLE - SECURE ADJACENT TO DOOR FRAME ON INTERIOR SIDE OF WALL ADJACENT TO ALL EXTERIOR EXIT DOORS INDICATED. SEE MOUNTING DETAIL THIS SHEET.

(2) REQUIRED 8" X 8" SIGN AT MULTI-USER ada ACCESSIBLE RESTROOM - SECURE ON INTERIOR WALL ADJACENT TO DOOR TO RESTROOM ON HALL/ CORRIDOR SIDE OF DOOR, SEE MOUNTING DETAIL THIS SHEET

(3) REQUIRED 8" X 8" SIGN AT MEN'S ada ACCESSIBLE RESTROOM - SECURE ON INTERIOR WALL ADJACENT TO DOOR TO RESTROOM ON HALL/CORRIDOR SIDE OF DOOR, SEE MOUNTING DETAIL THIS SHEET

(3) REQUIRED 8" X 8" SIGN AT WOMEN'S ada ACCESSIBLE RESTROOM - SECURE ON INTERIOR WALL ADJACENT TO DOOR TO RESTROOM ON HALL/CORRIDOR SIDE OF DOOR, SEE MOUNTING DETAIL THIS SHEET

(1) REQUIRED 8" X 8" SIGN AT MULTI-USER ada ACCESSIBLE RESTROOM - SECURE ON INTERIOR WALL ADJACENT TO DOOR TO RESTROOM ON HALL/CORRIDOR SIDE OF DOOR, SEE MOUNTING DETAIL THIS SHEET

ROOM NAME / INSERT

THIS SIGN HAS ONE LINE OF TEXT AND A WINDOW OPTION FOR USER INSERT (VERIFY WORDING FOR EACH ROOM & WORDING FOR INSERT WITH OWNER)

(12) REQUIRED PROVIDE AT AREAS 109,110,111,118,119,125,130,131, 139,159,178, & 217
6" HIGH SIGN X LENGTH AS REQUIRED WITH ADA BRAILLE & INSERT- SECURE ON WALL ADJACENT TO DOOR FRAME. PROVIDE ON HALL/CORRIDOR SIDE OF DOORS. SEE MOUNTING DETAIL THIS SHEET (VERIFY EXACT WORDING WITH OWNER.)

ROOM NAME

THIS SIGN HAS ONE LINE OF TEXT, REFER TO ROOM NAMES ON ROOM FINISH SCHEDULES FOR 1ST & 2ND FLOORS TO GET NAME OF ROOM & TOTAL QUANTITY OF THIS SIGN TYPE TO BE PROVIDED.

PROVIDE 1 PER ROOM
3" HIGH SIGN X LENGTH AS REQUIRED WITH ADA BRAILLE - SECURE ON WALL ADJACENT TO DOOR FRAME. PROVIDE ON HALL/CORRIDOR SIDE OF DOORS. SEE MOUNTING DETAIL THIS SHEET (VERIFY EXACT WORDING WITH OWNER.)

ROOM NAME
ROOM NAME

THIS SIGN HAS TWO LINES OF TEXT, REFER TO ROOM NAMES ON ROOM FINISH SCHEDULES FOR 1ST & 2ND FLOORS TO GET NAME OF ROOM & TOTAL QUANTITY OF THIS SIGN TYPE TO BE PROVIDED.

PROVIDE 1 PER ROOM
6" HIGH SIGN X LENGTH AS REQUIRED WITH ADA BRAILLE - SECURE ON WALL ADJACENT TO DOOR FRAME. PROVIDE ON HALL/CORRIDOR SIDE OF DOORS. SEE MOUNTING DETAIL THIS SHEET (VERIFY EXACT WORDING WITH OWNER.)

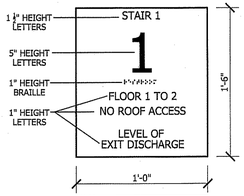
A A8.3 ADA SIGNAGE SYSTEMS

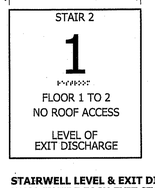
NOT TO SCALE

ALL LETTERS AND ADA SIGNAGE BY SPECIALTIES SECTION 10 14 23

SEE SPECIFICATIONS FOR STYLE ,FINISH, & LIST OF APPROVED MANUFACTURERS FOR SIGNAGE TYPES SHOWN ON THIS SHEET.

NOTE: SIGN SUPPLIER SHALL MEET WITH OWNER'S REPRESENTATIVE AND CONFIRM ALL INTERIOR SIGNAGE WORDING/SPELLING/NUMBERING PRIOR TO SUBMITTING SIGNAGE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL





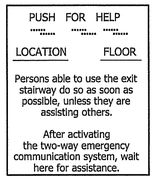
(2) REQUIRED 4" HIGH SIGNS X LENGTH AS REQUIRED WITH ADA BRAILLE - SECURE ADJACENT TO INTERIOR DOOR FRAME ADJ. TO DOOR INSIDE STAIRWELL AT EACH FLOOR. SEE MOUNTING DETAIL THIS SHEET.

(2) REQUIRED 7" HIGH SIGNS X LENGTH AS REQUIRED WITH ADA BRAILLE - SECURE SIGNS TO WALL ADJACENT TO EACH ELEVATOR DOOR FRAME ON 1ST & 2ND FLOOR. SEE MOUNTING DETAIL THIS SHEET.

(4) REQUIRED 4" HIGH SIGNS X LENGTH AS REQUIRED WITH ADA BRAILLE - SECURE TO WALL AT TOP & BOTTOM LANDINGS INSIDE STAIRWELL AT EACH FLOOR. SEE MOUNTING DETAIL THIS SHEET.

(1) REQUIRED 7" HIGH SIGN X LENGTH AS REQUIRED WITH ADA BRAILLE - SECURE SIGN TO WALL ADJACENT TO DOOR FRAME ON AREA 170 SIDE OF DOOR. SEE MOUNTING DETAIL THIS SHEET.

ADA COMPLIANCE CUSTOM SIGNAGE SEE SECTION 10 14 23 IN SPECIFICATIONS.
CUSTOM INTERIOR ADA SIGNS SHOWN ARE TO RESEMBLE DESIGN OF INTERIOR DOOR SIGNAGE, REFER TO DETAIL "A"THIS SHEET



(2) REQUIRED 8" X 6" INSTRUCTION SIGN AS REQUIRED WITH ADA BRAILLE - SECURE ADJACENT TO ELEVATOR DOOR FRAME ADJ.TO ELEVATOR DOOR AT EACH FLOOR. SEE MOUNTING DETAIL THIS SHEET.

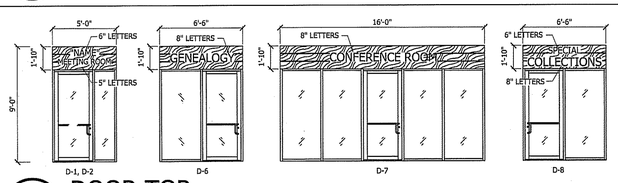
STAIRWELL LEVEL & EXIT DISCHARGE INFORMATION SHALL BE LOCATED & INSTALLED ON WALL INSIDE EACH EXIT STAIRWELL. SIGNS MUST COMPLY WITH ALL PROVISIONS OF NFPA STAIR IDENTICATION 7.2.2.5.4.1

(2) REQUIRED. PROVIDE REQUIRED ADA BRAILLE - SECURE ADJACENT TO DOOR FRAME ON WALL. PROVIDE ADJ. TO DOORS ON WALL ADJ. TO STAIRS AT 1ST & 2ND FLOORS; SEE MOUNTING DETAIL ON THIS SHEET.

ADA COMPLIANCE CUSTOM SIGNAGE PROVIDED BY SECTION 10 14 23 IN SPECIFICATIONS

B A8.3 INTERIOR CUSTOM ada SIGNAGE

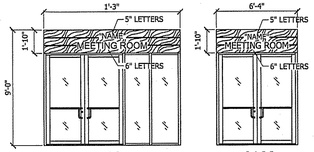
NOT TO SCALE

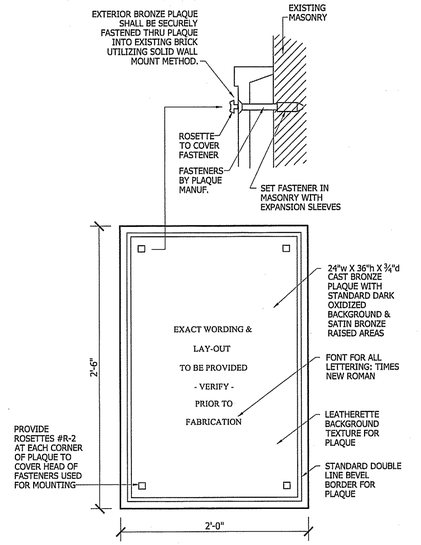


C A8.3 DOOR TOP SIGNAGE

NOT TO SCALE

NOTE : ALL DOOR TOP SIGNS CONSTRUCTED FROM 1" X 8" COMPOSITE CLADDING BOARDS BY DIV.7 SECURED TO GYP. BD. INTO STUDS, MITER & RETURN TO WALL ALL BOARD ENDS FOR A NEAT FINISHED LOOK. ATTACH PLASTIC LETTERS BY SECTION 10 14 29 IN THE SIZES SHOWN IN EACH ELEV.. LETTER COLOR,FONT TYPE, AND WOOD STAIN TO BE SELECTED BY ARCHITECT. SEE DETAILS FOR SIZE DIMENSIONS. VERIFY ALL SIGN LETTER WORDING WITH OWNER BEFORE SIGN CONSTRUCTION.





PROVIDED BY SECTION 10 14 29. SEE SHEET A1.1 FOR LOCATION & VERIFY WITH ARCHITECT EXACT LOCATION PLAQUE SHALL BE MOUNTED PRIOR TO FINAL INSTALLATION.

D A8.3 EXTERIOR SIGNAGE SYSTEM CAST BRONZE PLAQUE

NOT TO SCALE

G A8.3 DELETED

NOT TO SCALE

RIGID VINYL SIGNS - PROJECTION WALL MOUNT by Inprocorp.com — SEE DETAIL H/A8.3 FOR SIGN

DOOR NO.	WORDING	DOOR NO.	WORDING	DOOR NO.	WORDING
# 104	REFERENCE OFFICE	# 153	CREATIVE WORKSHOP	# 165	BOOKMOBILE OFFICE
# 121, #188	RESTROOMS	# 109, #110 # 125, #159	MEETING ROOM	# 177	TECH SERVICES OFFICE
# 130	BRANCH MANAGER	# 160	I.L.L. OFFICE	# 178	TECH SERVICES DIRECTOR
# 138	ADMINISTRATIVE OFFICES	# 161	Friends of the LIBRARY	NEAR # 173 VERIFY W/ARCH.	VENDING
# 149	YOUNG ADULTS	NEAR # 162	COMMUNICATION DIRECTOR	# 176	COMPUTER CLASS
# 156	CHILDREN'S AREA	NEAR # 163	GRAPHIC ART OFFICE	# 155	PODCAST STUDIO

ADMINISTRATIVE OFFICES — DS-4

SEE FLOORPLAN FOR LOCATION OF THESE LETTERS, MARKED DS-4.

REFERENCE DESK
CIRCULATION DESK

SEE INTERIOR ELEVATIONS FOR WORDING & LOCATIONS. VERIFY EXACT WORDING TO BE USED WITH ARCHITECT.

- 6" HIGH UPPER CASE LETTERS
- FONT: GOUDY EXTRA BOLD
- FINISH: TO BE SELECTED FROM CHART OF 31 STANDARD COLORS

E A8.3 INTERIOR PLASTIC LETTERS

NOT TO SCALE

SEE THIS DESIGNATION ON COLUMNS MARKED ON FLOOR PLAN SHEET A1.1 FOR LOCATION OF LETTERS

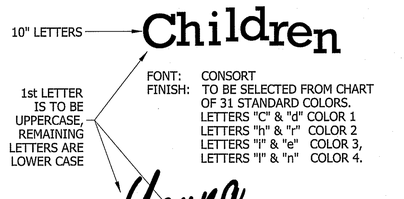
- L1 FICTION
- L2 NON-FICTION
- L3 COMPUTERS
- L4 LARGE PRINT

LETTERS TO BE LOCATED ON EAST/WEST FACE OF INTERIOR COLUMNS AT AREAS 132,133,136, AND 137. SEE FLOOR PLAN AND SHEET A4.1. VERIFY EXACT WORDING TO BE USED W/ ARCHITECT.

- 8" HIGH UPPER CASE LETTERS
- FONT: GOUDY EXTRA BOLD
- FINISH: TO BE SELECTED FROM 31 STANDARD COLORS

F A8.3 INT. PLASTIC LETTERS AT INT. COLUMNS

NOT TO SCALE

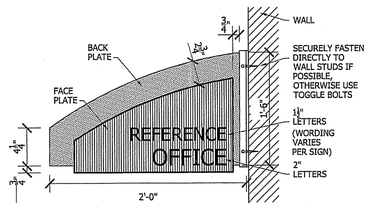


FONT: "Younge" IS FONT - TURNER SCRIPT
"Adults" IS FONT - AVANT GARDE MEDIUM
FINISH: TO BE SELECTED FROM CHART OF 31 STANDARD COLORS.

H A8.3 INTERIOR PLASTIC LETTERS

NOT TO SCALE

THESE LETTERS ARE TO BE LOCATED ON WALL ABOVE INTERIOR ENTRANCE DOORS TO CHILDREN'S AREA AND YOUNG ADULT'S AREA.



(22) REQUIRED 2'-0" X 1'-6" SIGN - PROJECTION TYPE SIGNS SECURED TO WALL 8' A.F.F. VERIFY LOCATIONS W/ARCHITECT PRIOR TO INSTALLATION.

CUSTOM SIGNAGE BY INPRO, SYDNEY COLLECTION. SEE SECTION 10 14 23 IN SPECIFICATIONS

J A8.3 PROJECTION WALL MOUNTED SIGNS

NOT TO SCALE

NOTE: SIGN SUPPLIER SHALL MEET WITH OWNER'S REPRESENTATIVE AND CONFIRM ALL SIGNAGE WORDING/SPELLING PRIOR TO SUBMITTING SIGNAGE SHOP DRAWINGS TO ARCHITECT FOR APPROVAL

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Main Branch

PLASTIC LETTERS SECURED WITH RUST PROOF FASTENERS SECURED TO COMPOSITE CLADDING USING METHOD AS RECOMMENDED BY MANUF.

SEE EXTERIOR ELEVATIONS FOR WORDING & LOCATION AND VERIFY EXACT WORDING TO BE USED WITH ARCHITECT.

- (27) 12" HIGH UPPER CASE LETTERS
- FONT: GOUDY EXTRA BOLD
- FINISH: TO BE SELECTED FROM CHART OF 31 STANDARD COLORS

Main Branch

PLASTIC LETTERS SECURED WITH RUST PROOF FASTENERS SECURED TO METAL WALL PANELS USING METHOD AS RECOMMENDED BY MANUF.

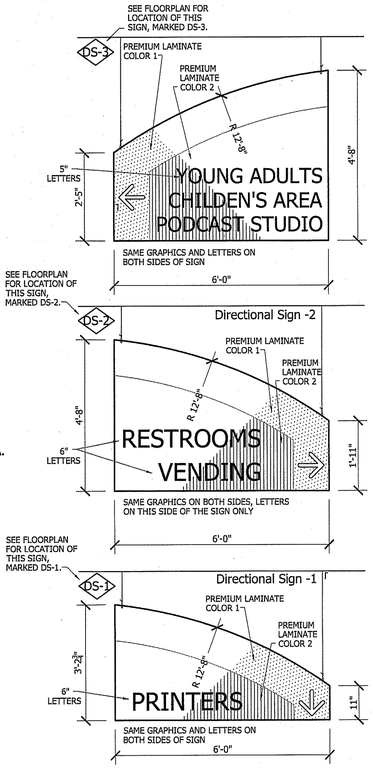
- (1) 24" HIGH UPPER CASE LETTER
- (3) 24" LOWER CASE LETTERS
- (1) 12" HIGH UPPER CASE LETTER
- (5) 12" HIGH LOWER CASE LETTERS
- FONT: GOUDY EXTRA BOLD
- FINISH: TO BE SELECTED FROM CHART OF 31 STANDARD COLORS

LETTERS PROVIDED BY SECTION 10 14 29

SEE EXTERIOR ELEVATIONS FOR WORDING & LOCATION AND VERIFY EXACT WORDING TO BE USED WITH ARCHITECT.

I A8.3 EXTERIOR PLASTIC LETTERS

NOT TO SCALE



K A8.3 DIRECTIONAL SIGN

NOT TO SCALE

NOTE: ALL SIGNS ARE MADE OF¾" MDF AND COVER WITH PLASTIC LAMINATE. SIGNS SHALL BE SUSPENDED W/ STAINLESS STEEL CABLE 12" BELOW CEILING GRID. LAMINATE COLOR SELECTED BY ARCHITECT. SEE FLOOR PLAN FOR MOUNTING LOCATIONS. ALL LETTER FONT SHALL BE HELVETICA LIGHT, UPPER CASE, FINISH WHITE. SEE EACH SIGN ABOVE FOR LETTER SIZE.

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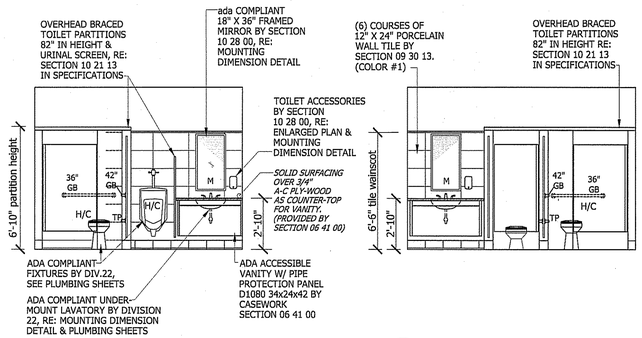
WILLIAM A. LAND II — NO. 4155 — STATE OF LOUISIANA — REGISTERED ARCHITECT

DRAWN BY: RM
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

ADA SIGNAGE, LETTERING & MISC. SIGNAGE

A8.3

SHEET SIZE: 24 X 36 SCALE: 1 1/2" = 1'-0"

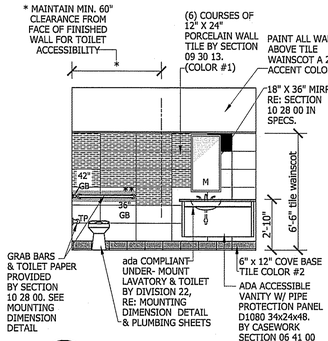


A A9.1 **RESTROOM ELEV. AREA 121**

(LAV. - 34" MAX. HEIGHT TO TOP RIM OF LAVATORY. ADJUST HEIGHT OF END PANELS & COUNTER-TOP AS REQUIRED TO MAINTAIN A MAX. 34" HEIGHT.)

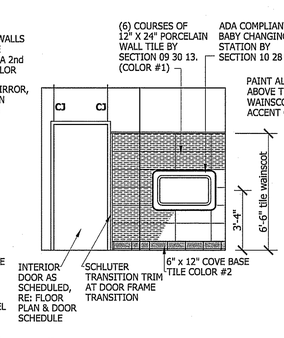
B A9.1 **RESTROOM ELEV. AREA 122**

(LAV. - 34" MAX. HEIGHT TO TOP RIM OF LAVATORY. ADJUST HEIGHT OF END PANELS & COUNTER-TOP AS REQUIRED TO MAINTAIN A MAX. 34" HEIGHT.)



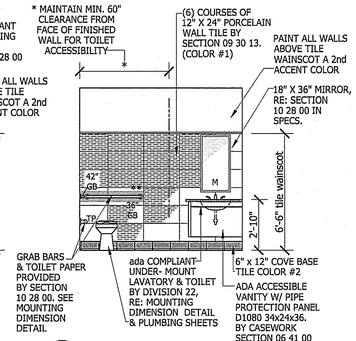
C A9.1 **RESTROOM ELEV. AREA 123 - east wall**

(LAV. - 34" MAX. HEIGHT TO TOP RIM OF LAVATORY. ADJUST HEIGHT OF END PANELS & COUNTER-TOP AS REQUIRED TO MAINTAIN A MAX. 34" HEIGHT.)



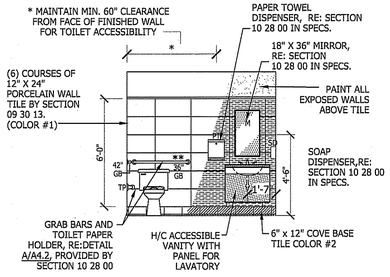
D A9.1 **RESTROOM ELEV. AREA 123 - west wall**

Rough Wall Opening at baby changing station
- *4" minimum depth*
- *37 1/16" width x 21 5/8" height*
- *26 9/16" from top of stud at bottom of opening to finished floor*

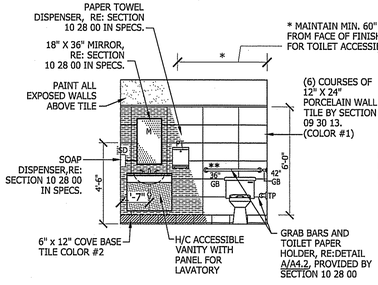


E A9.1 **RESTROOM ELEV. AREA 150, AREA 157 SIM.**

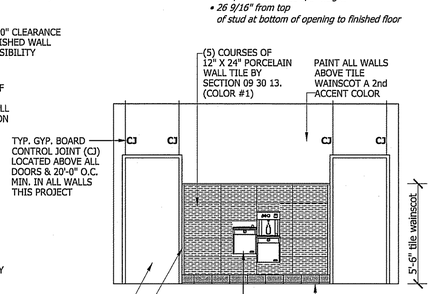
(LAV. - 34" MAX. HEIGHT TO TOP RIM OF LAVATORY. ADJUST HEIGHT OF END PANELS & COUNTER-TOP AS REQUIRED TO MAINTAIN A MAX. 34" HEIGHT.)



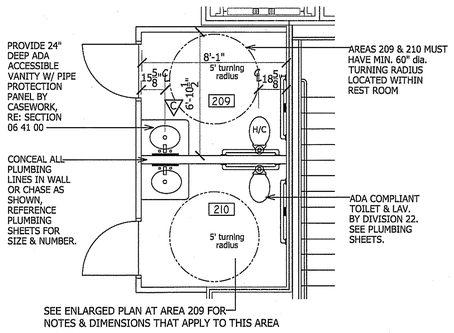
L A9.1 **RESTROOM ELEV. AREA 209**



M A9.1 **RESTROOM ELEV. AREA 210**

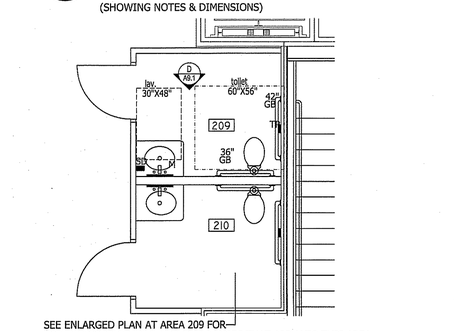


N A9.1 **INT. ELEVATION AREA 124 - east wall**



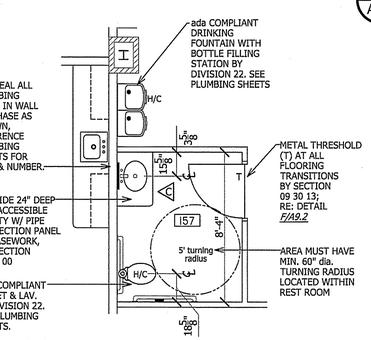
F A9.1 **ENLARGED PLAN AT AREAS 209 & 210** SCALE: 1/4" = 1'-0"

(SHOWING NOTES & DIMENSIONS)



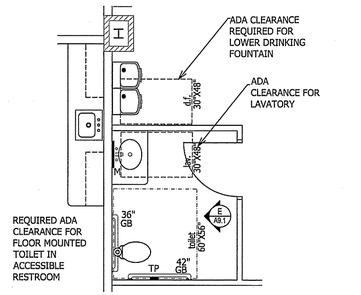
G A9.1 **ENLARGED PLAN AT AREAS 209 & 210** SCALE: 1/4" = 1'-0"

(SHOWING TOILET ACCESSORIES & ADA CLEARANCES)



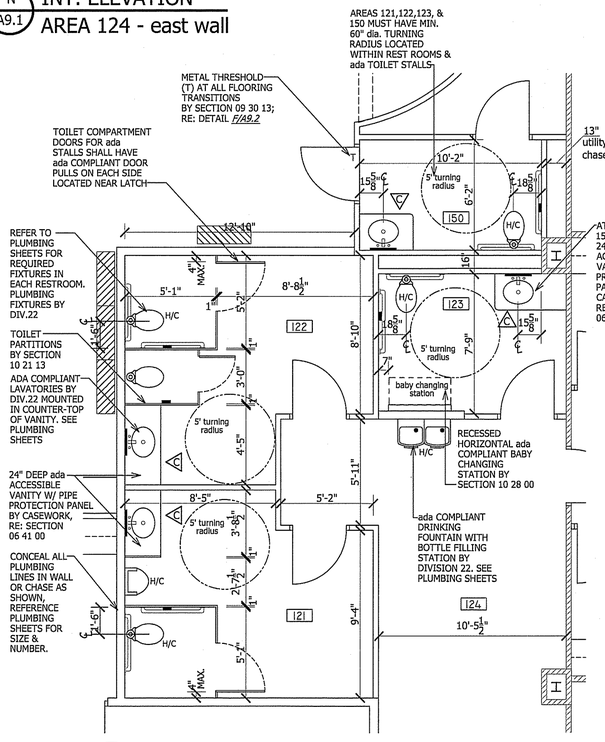
H A9.1 **ENLARGED PLAN AT AREA 157** SCALE: 1/4" = 1'-0"

(SHOWING NOTES AND DIMENSIONS)



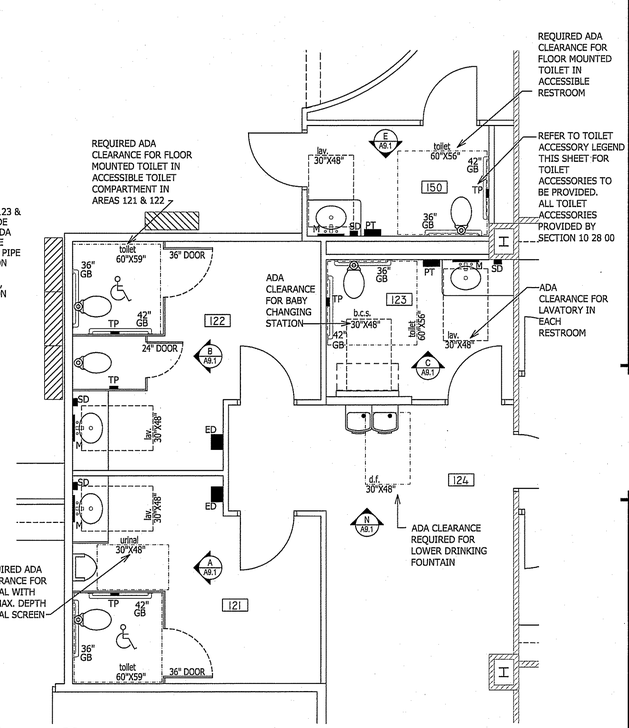
I A9.1 **ENLARGED PLAN AT AREA 157** SCALE: 1/4" = 1'-0"

(SHOWING TOILET ACCESSORIES & ADA CLEARANCES)



J A9.1 **ENLARGED PLAN AT AREAS 121,122,123, & 150**

(SHOWING NOTES AND DIMENSIONS) SCALE: 1/4" = 1'-0"



K A9.1 **ENLARGED PLAN AT AREAS 121,122,123, & 150**

(SHOWING TOILET ACCESSORIES & ADA CLEARANCES) SCALE: 1/4" = 1'-0"

CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES AND CONFLICTS PRIOR TO BID IN ACCORDANCE WITH THE SPECS.

SOILD BLOCKING BY CONTRACTOR TO BE PROVIDED IN ALL WALLS THAT ARE LOCATED BEHIND TOILET ACCESSORIES, GRAB BARS AND VANITIES FOR SECURE ATTACHMENT OF THESE ITEMS.TYPICAL

*AT ALL ada ACCESSIBLE TOILET PARTITIONS THE FRONT & AT LEAST ONE SIDE SHALL PROVIDE A TOE CLEARANCE OF 9" MIN. A.F.F. & 6" DEEP MIN. BEYOND FACE OF PARTITION, TYP. FOR ALL ada ACCESSIBLE TOILET STALLS THIS PROJECT.

TOILET ACCESSORY LEGEND
BY SECTION 10 28 00 IN SPEC.

PT	PAPER TOWEL DISPENSER
ED	ELECTRIC HAND DRYER (REFER TO ELECTRICAL SHEETS FOR POWER REQUIREMENTS)
TP	TOILET TISSUE HOLDER
SD	SOAP DISPENSER
M	18" X 36" FRAMED MIRROR CENTERED OVER LAVATORY INDICATED
GB	STAINLESS STEEL GRAB BARS (SIZES SHOWN ON ENLARGED PLANS THIS SHEET)
TH	TOWEL HOOK (VERIFY LOCATION)
MH	MOP HOLDER (LOCATED IN JANITOR CLOSET)
RBC	RECESS MOUNTED ada COMPLIANT HORIZONTAL BABY CHANGING STATION WITH BAG HOOK.

SEE ENLARGED RESTROOM PLANS THIS SHEET AND DETAIL D/A9.2 FOR MOUNTING DIMENSIONS & LOCATIONS OF ITEMS LISTED ABOVE

RESTROOM NOTES:

1. PROVIDE METAL TRIM AT ALL WALL TILE TO DOOR FRAME AND WALL TILE TO WALL TILE CORNER TRANSITIONS. SEE DETAIL A/A9.2
2. SEE DETAILS ON SHEET A9.2 FOR CERAMIC FLOOR/WALL DETAILS AND typ. RESTROOM DETAILS.
3. ALL PLUMBING FIXTURES SHOWN IN ENLARGED PLANS THIS SHEET ARE TO BE PROVIDED BY DIVISION 22, SEE PLUMBING SHEETS FOR FIXTURE SCHEDULE AND PLUMBING PLANS.
4. H/C DENOTED ON ENLARGED FLOOR PLANS SHALL MEAN HANDICAPPED ACCESSIBLE.
5. FOR TOILET ACCESSORIES DENOTED ON ENLARGED PLANS THIS SHEET SEE SECTION 10 28 00 IN SPECIFICATIONS.
6. FOR TOILET PARTITIONS AND URINAL SCREENS, RE: SPECS. SECTION 10 21 13.
7. REFER TO SHEET A1.2 FOR LEGENDS, EQUIPMENT SCHEDULES, NOTES, ETC.....

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DRAWN BY: RM
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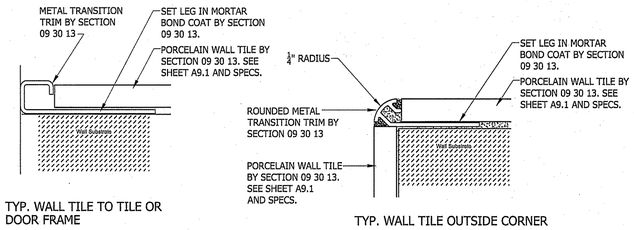
JOB # 1963
DATE: 08/2024

ENLARGED RESTROOM PLANS & INT. ELEV.

A9.1

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

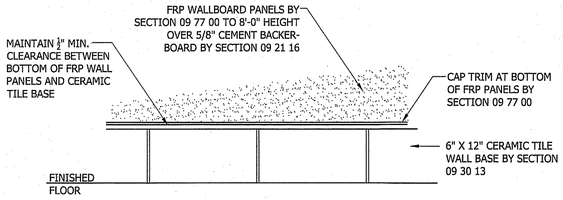


TYP. WALL TILE TO TILE OR DOOR FRAME

TYP. WALL TILE OUTSIDE CORNER

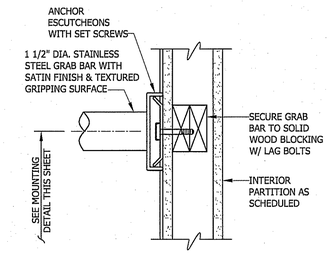
A A9.2 METAL TRIM @ WALL TILE NOT TO SCALE

(TYP. FOR ALL TILE WALLS)

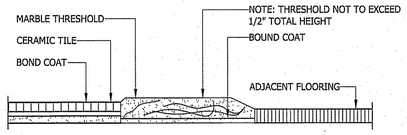


***THIS DETAIL APPLIES TO 1st & 2nd FLOOR JANITOR AREAS**

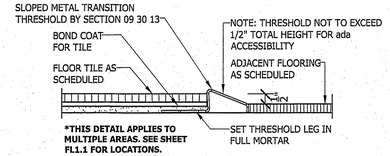
B A9.2 C.T. BASE AT FRP PANEL TRANSITION NOT TO SCALE



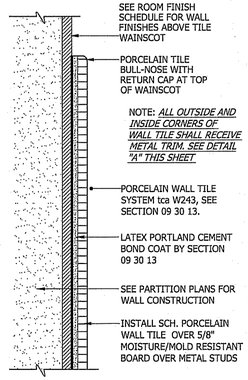
G A9.2 GRAB BAR SECTION AT GYP. BD. WALL NOT TO SCALE



E A9.2 THRESHOLD TRANSITION SYSTEM tcna-TR6111 NOT TO SCALE



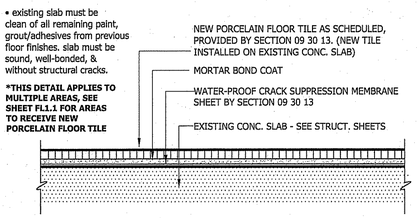
F A9.2 TYP. THRESHOLD TRANSITION NOT TO SCALE



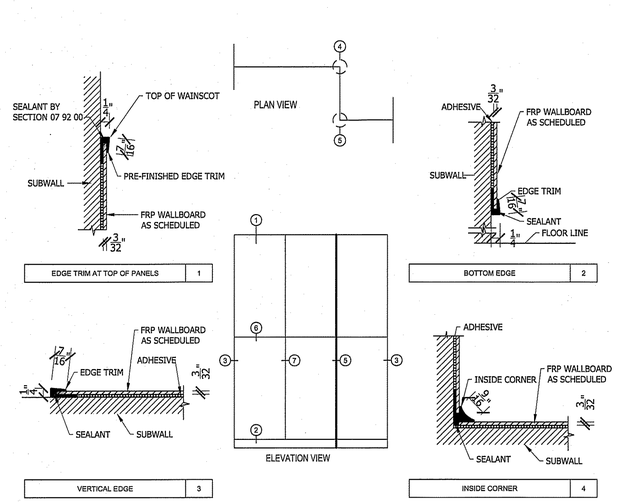
H A9.2 CERAMIC WALL TILE SYSTEM tcna W243 (THIN SET) WAINSCOT NOT TO SCALE

• existing slab must be clean of all remaining paint, grout/adhesives from previous floor finishes. slab must be sound, well-bonded, & without structural cracks.

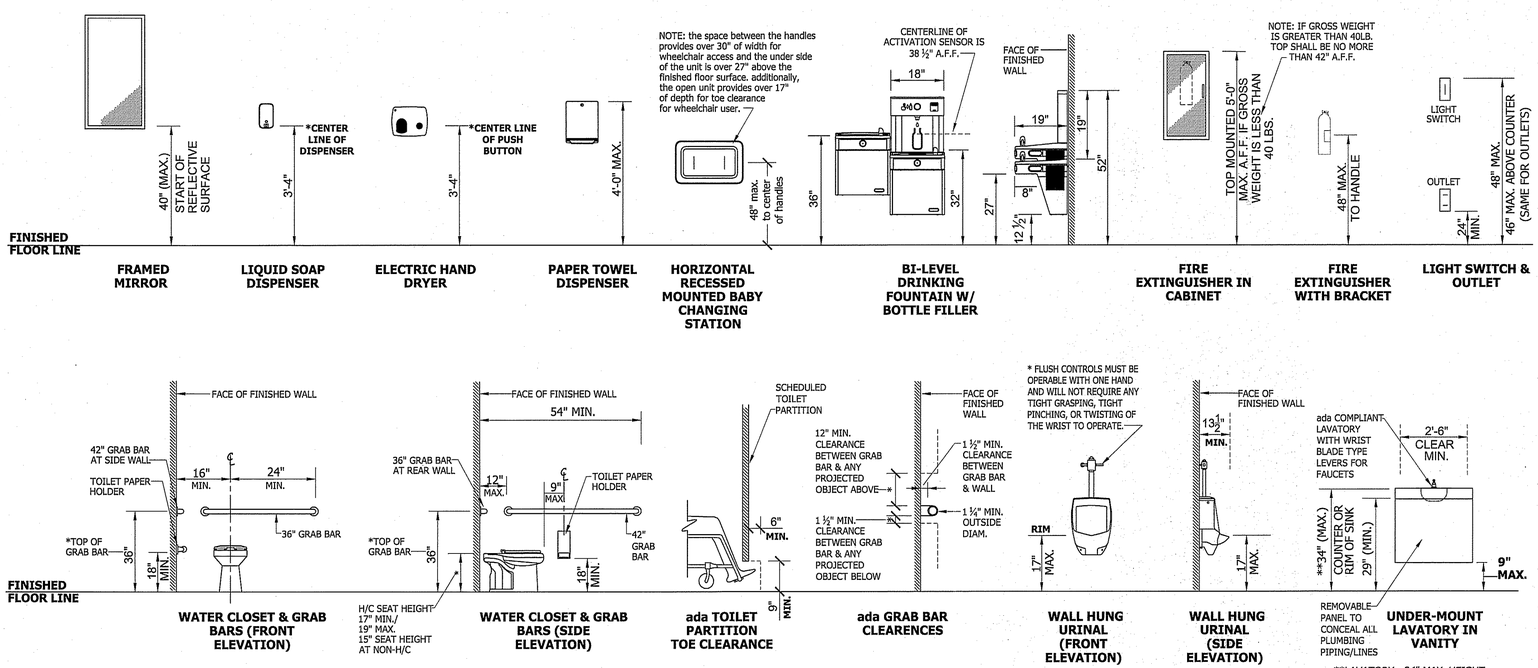
***THIS DETAIL APPLIES TO MULTIPLE AREAS, SEE SHEET FL1.1 FOR AREAS TO RECEIVE NEW PORCELAIN FLOOR TILE**



I A9.2 CERAMIC FLOOR TILE (THINSET) SYSTEM tcna-F122 NOT TO SCALE



C A9.2 TYPICAL FRP WALLBOARD TRIM DETAILS DETAILS 6" = 1'-0"



D A9.2 MOUNTING DIMENSIONS

FOR TOILET FIXTURES, TOILET COMPARTMENTS, TOILET ACCESSORIES, & FIRE EXTINGUISHERS - REFER TO SECTION 10 28 00 SCALE: N.T.S.

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

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CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

typ. RESTROOM DETAILS & MOUNTING DIMENSIONS

A9.2

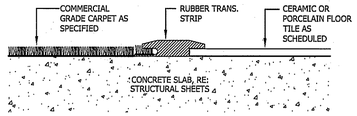
FLOORING LEGEND

PRODUCTS EQUAL TO

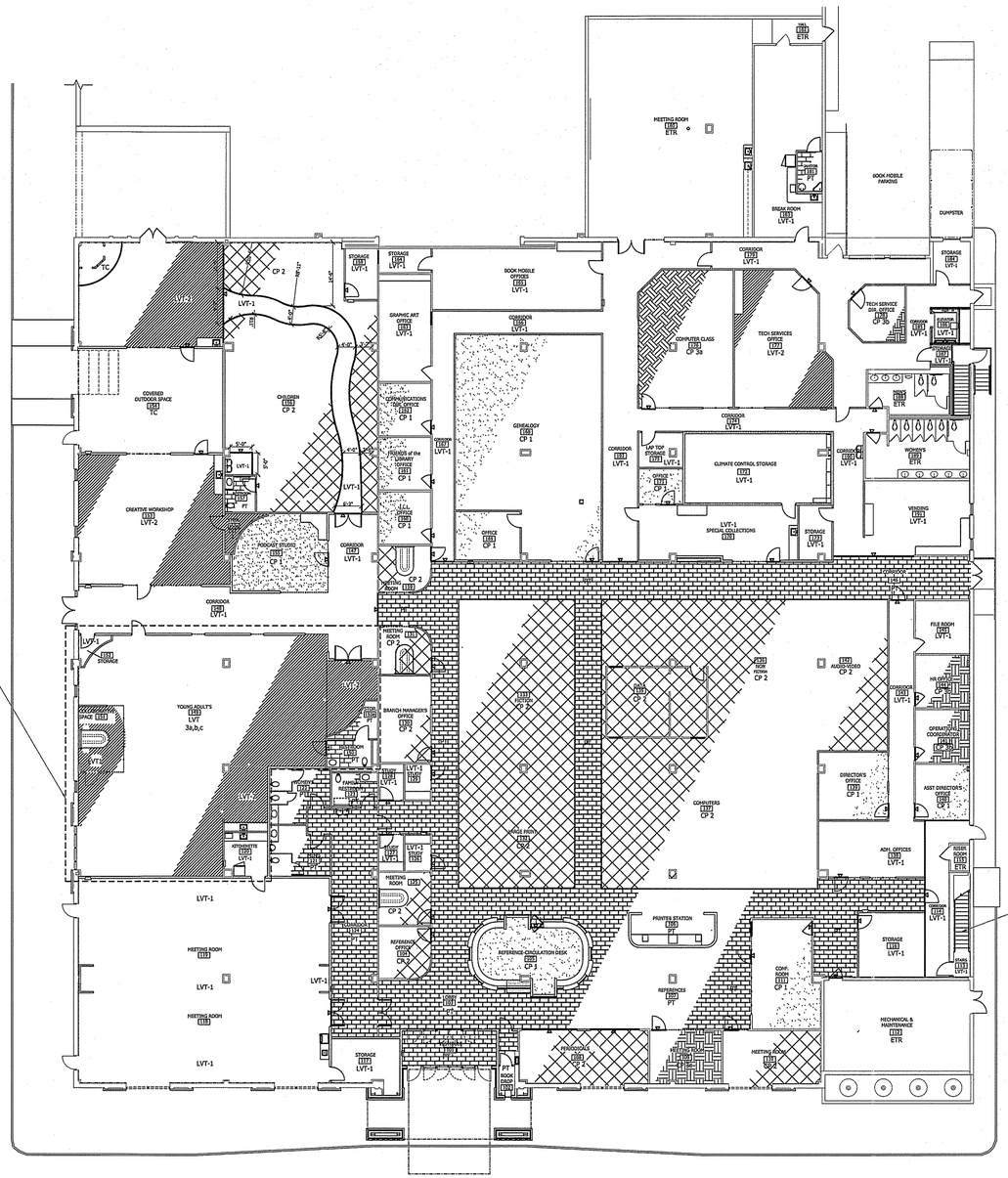
CONC		INDICATES NON-SLIP BROOM FINISH ON NEW CONCRETE SLAB.
ETR		INDICATES EXISTING FLOORING TO REMAIN.
TC		AREA TO RECEIVE ARTIFICIAL TURF CARPETING BY SECTION 09 68 10
	AAC	AREA TO RECEIVE 24"X24" CARPET TILES INSTALLED USING THE QUARTER TURN METHOD. MANUFACTURER - SHAW CONTRACT GROUP, TRADEMARK - ALL ACCESS COLLECTION, COLOR SELECTED BY ARCHITECT
	CP 1	AREA TO RECEIVE 24"X24" CARPET TILES INSTALLED USING THE QUARTER TURN METHOD. MANUFACTURER - SHAW CONTRACT GROUP, TRADEMARK - KINDRED COLLECTION, COLOR SELECTED BY ARCHITECT
	CP 2	AREA TO RECEIVE 24"X24" CARPET TILES INSTALLED USING THE MONOLITHIC METHOD. SHAW CONTRACT GROUP, TRADEMARK - MINDFUL PLAY COLLECTION. 3 COLOR FADED BLEND DIAGONAL FROM LEFT TO RIGHT SIDE OF AREAS, COLOR SELECTED BY ARCHITECT
	CP 3	AREA TO RECEIVE 24"x24" CARPET TILES. MANUFACTURER - SHAW CONTRACT GROUP, TRADEMARK - KINDRED COLLECTION. COLOR SELECTED BY ARCHITECT. SEE ENLARGED PLAN ON THIS SHEET FOR INSTALL METHOD. *STYLE:* • a = BELONG, INSTALL MONOLOTHIC • b = DREAM, INSTALL MONOLOTHIC • c = MEMORY, INSTALL QUARTER TURN
	LVT-1	7"X48" WOOD LUXURY VINYL TILE PLANKS, INSTALLED USING BRICK METHOD. MANUFACTURER - SHAW HARD SURFACE TRADEMARK, STYLE "GRAIN+PIGMENT". COLOR SELECTED BY ARCHITECT
	LVT-2	18"x18" HIGH PERFORMANCE LUXURY VINYL TILE, MANUFACTURER - SHAW COMMERCIAL HARD SURFACE, CRETE & JEOGORI Trademark, STYLE "CRETE". COLOR SELECTED BY ARCHITECT
	LVT-3	18"x18" HIGH PERFORMANCE LUXURY VINYL TILE, MANUFACTURER - ARMSTRONG NATURAL CREATION. COLORS SELECTED BY ARCHITECT
	PT	12"x24" COLORBODY PORCELAIN TILE, INSTALLED USING THE BRICK METHOD. MANUFACTURER - DaTile FLOORING, STONE ARRACHE COLLECTION, STYLE "DIGNITARY", COLOR SELECTED BY ARCHITECT. (UTILIZE NARROW 1/8" JOINTS WITH RECTIFIED TILE)

FLOORING NOTES

1. REFER TO ROOM FINISH SCHEDULES ON SHEET A1.1 FOR ADDITIONAL FLOOR FINISHES THAT MAY NOT BE INDICATED ON THIS PLAN.
2. REFER TO ALL OTHER SHEETS FOR LOCATION OF ANY EQUIPMENT AND/OR ACCESSORIES WHICH MAY AFFECT THE TILE PLAN.
3. VERIFY TILE PATTERNS AND COLORS SHOWN WITH THE ARCHITECT PRIOR TO LAYING OF ANY FLOOR TILE.
4. CONTRACTOR SHALL NOTIFY ARCHITECT OF DISCREPANCIES AND CONFLICTS PRIOR TO BID IN ACCORDANCE WITH THE SPECIFICATIONS.
5. SEE SHEET A9.1 FOR TILE PATTERNS IN RESTROOMS.
6. ALL COLORS TO BE SELECTED BY ARCHITECT.

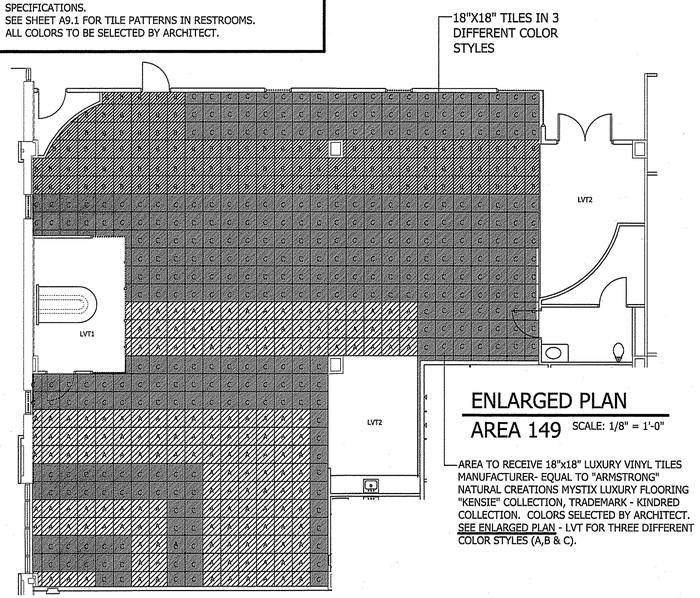


1 FL1.1 VINYL TILE TO CARPET TRANSITION NOT TO SCALE



1st FLOOR
FLOORING PLAN
SCALE: 1/16" = 1'-0"

2nd FLOOR
FLOORING PLAN
SCALE: 1/16" = 1'-0"



ENLARGED PLAN
AREA 149 SCALE: 1/8" = 1'-0"

AREA TO RECEIVE 18"x18" LUXURY VINYL TILES MANUFACTURER- EQUAL TO "ARMSTRONG" NATURAL CREATIONS MYSTIX LUXURY FLOORING "KENSIE" COLLECTION, TRADEMARK - KINDRED COLLECTION. COLORS SELECTED BY ARCHITECT. SEE ENLARGED PLAN - LVT FOR THREE DIFFERENT COLOR STYLES (A,B & C).

SHEET SIZE: 24 X 36 SCALE: 1/16" = 1'-0"

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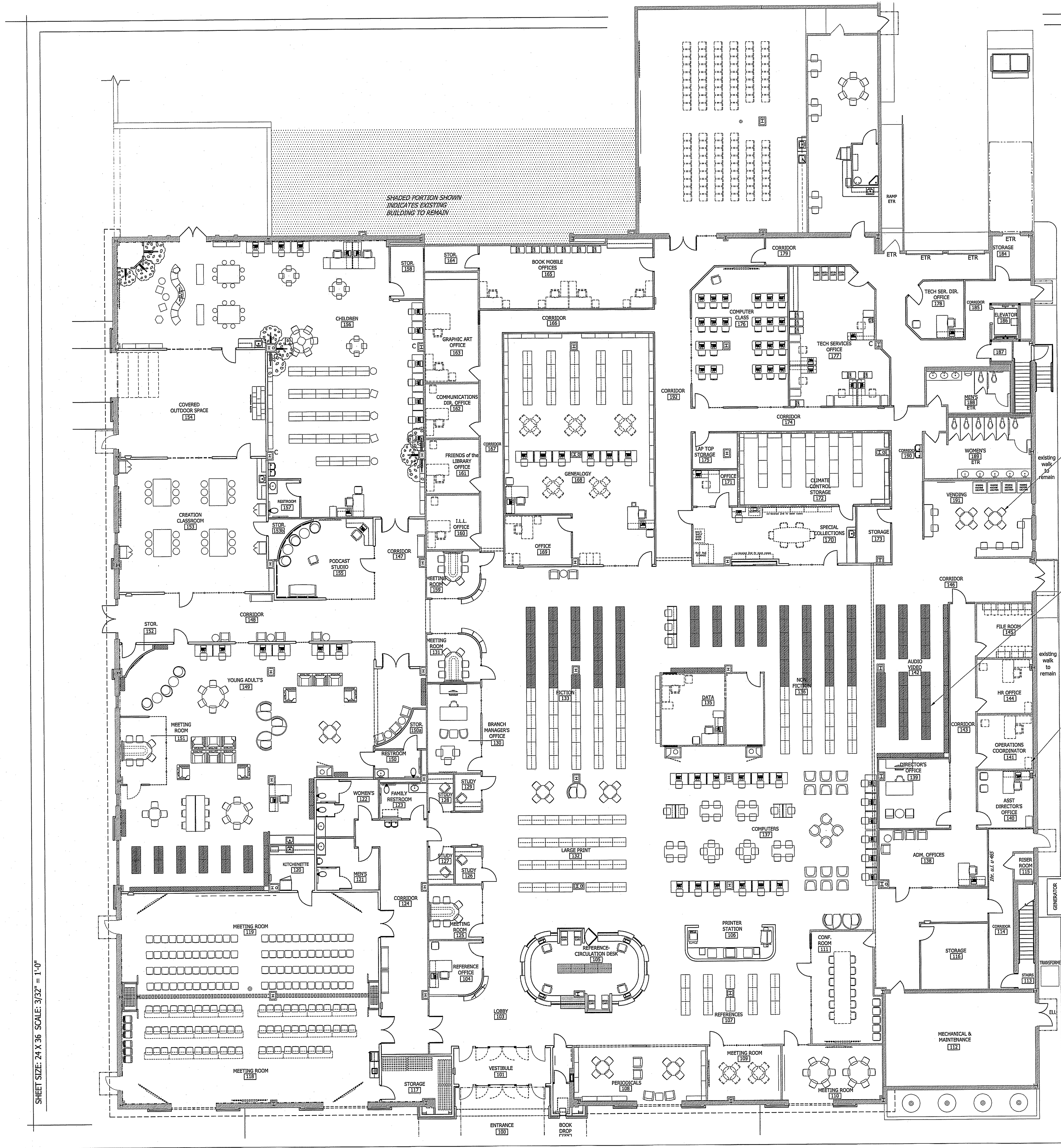
1ST & 2ND FLOOR
FLOORING PLANS

FL1.1


SHADED PORTION SHOWN INDICATES EXISTING BUILDING TO REMAIN
CHILDREN 156
COVERED OUTDOOR SPACE 154
CREATION CLASSROOM 153
PODCAST STUDIO 155
CORRIDOR 147
CORRIDOR 148
STOR. 152
YOUNG ADULT'S 149
MEETING ROOM 151
RESTROOM 150
WOMEN'S 122
FAMILY RESTROOM 123
MEN'S 121
KITCHENETTE 120
CORRIDOR 124
MEETING ROOM 119
MEETING ROOM 118
STORAGE 117
VESTIBULE 101
ENTRANCE 100
BOOK DROP 102
LOBBY 103
PERIODICALS 108
MEETING ROOM 109
MEETING ROOM 110
REFERENCES 107
PRINTER STATION 106
REFERENCE-CIRCULATION DESK 105
CONF. ROOM 111
MECHANICAL & MAINTENANCE 112
STORAGE 116
CORRIDOR 114
STAIRS 113
RISER ROOM 115
GENERATOR
TRANSFORMER
REFERENCE OFFICE 104
MEETING ROOM 125
STUDY 126
STUDY 127
STUDY 128
STUDY 129
BRANCH MANAGER'S OFFICE 130
MEETING ROOM 131
MEETING ROOM 159
LARGE PRINT 132
FICTION 133
COMPUTERS 137
DATA 135
NON FICTION 136
AUDIO VIDEO 142
DIRECTOR'S OFFICE 139
ADM. OFFICES 138
ASST DIRECTOR'S OFFICE 140
OPERATIONS COORDINATOR 141
HR OFFICE 144
FILE ROOM 145
CORRIDOR 143
CORRIDOR 146
STOR. 158
STOR. 164
BOOK MOBILE OFFICES 165
CORRIDOR 166
GRAPHIC ART OFFICE 163
COMMUNICATIONS DIR. OFFICE 162
FRIENDS of the LIBRARY OFFICE 161
I.L.L. OFFICE 160
CORRIDOR 167
GENEALOGY 168
OFFICE 169
CORRIDOR 179
COMPUTER CLASS 176
TECH SERVICES OFFICE 177
CORRIDOR 192
CORRIDOR 174
LAP TOP STORAGE 175
OFFICE 171
CLIMATE CONTROL STORAGE 172
SPECIAL COLLECTIONS 170
STORAGE 173
TECH SER. DIR. OFFICE 178
CORRIDOR 185
ELEVATOR 186
STORAGE 184
MEN'S 188 ETR
WOMEN'S 189 ETR
CORRIDOR 190
VENDING 191
RAMP ETR
existing walk to remain

ALL FURNITURE ON 1ST & 2ND FLOOR PLANS IS SHOWN FOR SCALE OR REFERENCE PURPOSES ONLY

HATCHED BOOKCASES ARE TALLER HEIGHT

THIS LINE TYPE AT FURNITURE INDICATED ON PLANS IS EXISTING FURNITURE ON SITE THAT IS TO BE RE-INSTALLED IN AREAS SHOWN. (VERIFY ALL LOCATIONS SHOWN AND LAY-OUT WITH OWNER PRIOR TO MOVING AND INSTALLING THIS FURNITURE.)

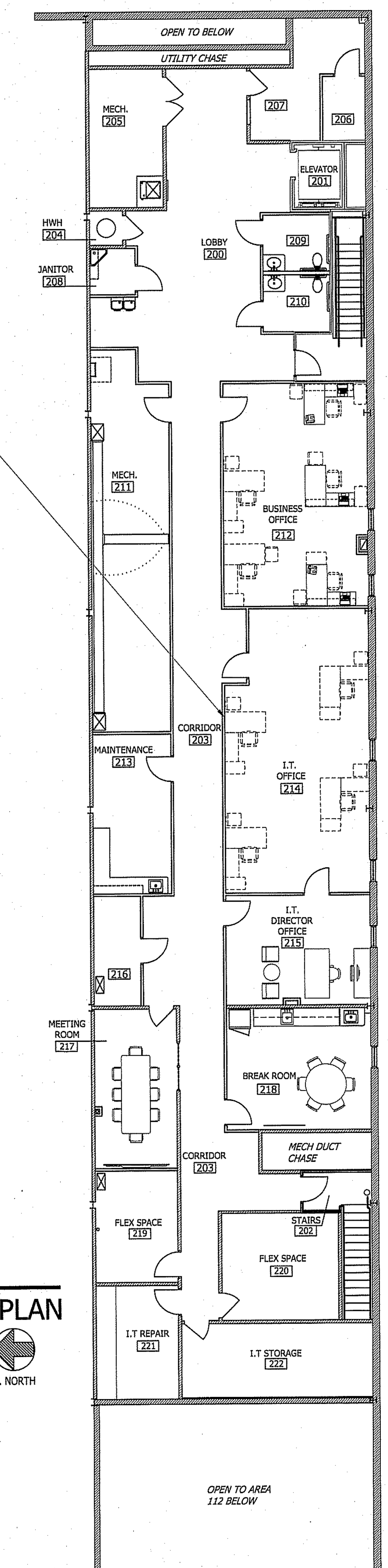
THIS LINE TYPE AT FURNITURE INDICATED ON PLANS IS EXISTING FURNITURE ON SITE THAT IS TO BE RE-INSTALLED IN AREAS SHOWN. (VERIFY ALL LOCATIONS SHOWN AND LAY-OUT WITH OWNER PRIOR TO MOVING AND INSTALLING THIS FURNITURE.)

ALL FURNITURE SHOWN (U.O.N.) SHALL BE PROVIDED BY OWNER UNDER SEPARATE CONTRACT

1st FLOOR FURNITURE PLAN

SCALE: 3/32" = 1'-0"

REF. NORTH


OPEN TO BELOW
UTILITY CHASE
MECH. 205
207
206
ELEVATOR 201
LOBBY 200
HWH 204
JANITOR 208
209
210
MECH. 211
BUSINESS OFFICE 212
CORRIDOR 203
MAINTENANCE 213
I.T. OFFICE 214
I.T. DIRECTOR OFFICE 215
216
MEETING ROOM 217
BREAK ROOM 218
MECH DUCT CHASE
STAIRS 202
FLEX SPACE 219
FLEX SPACE 220
I.T REPAIR 221
I.T STORAGE 222
OPEN TO AREA 112 BELOW

2nd FLOOR FURNITURE PLAN

SCALE: 3/32" = 1'-0"

REF. NORTH

SHEET SIZE: 24 X 36 SCALE: 3/32" = 1'-0"

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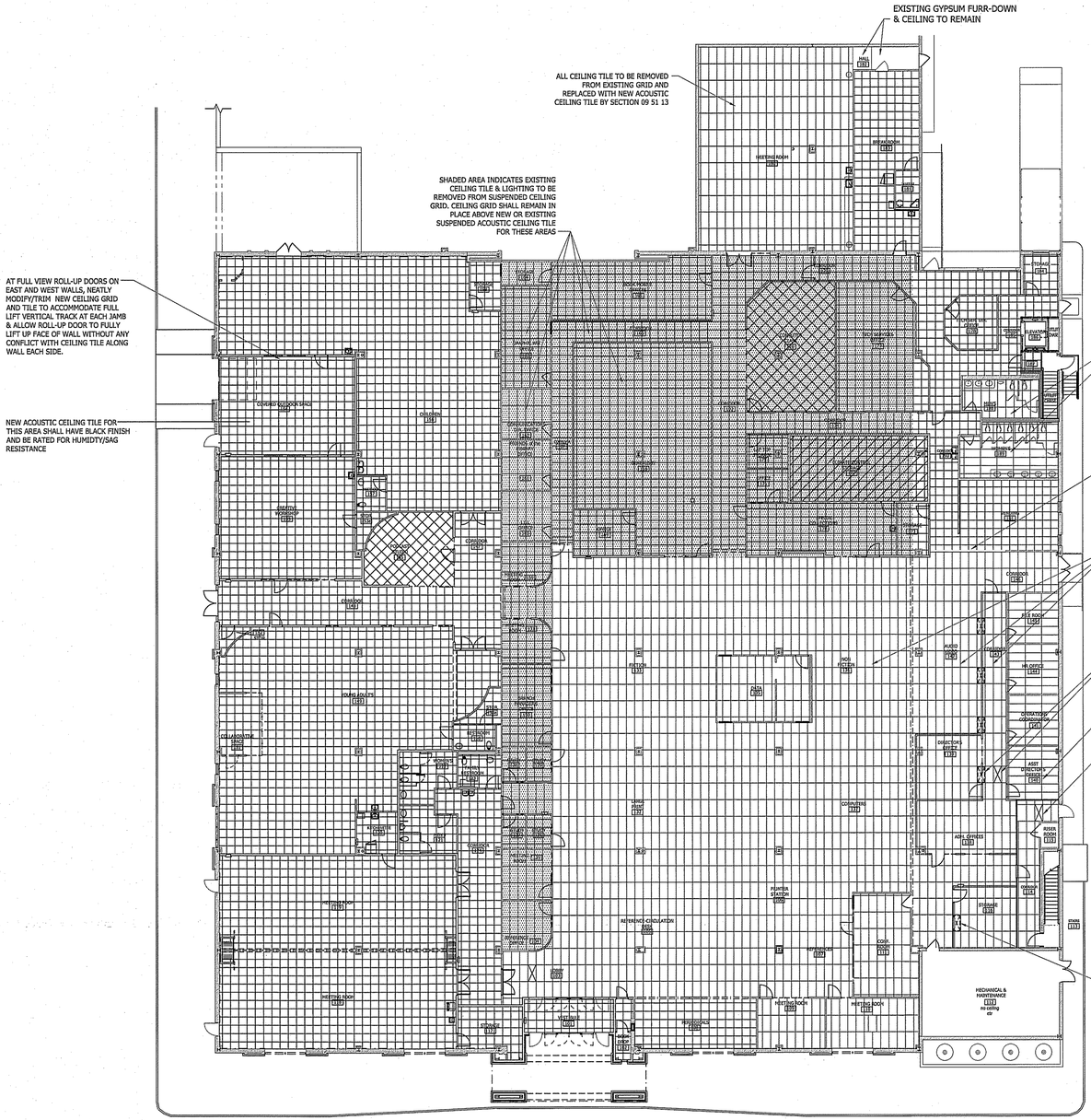
1st & 2nd FLOOR FURNITURE PLANS

F1.1

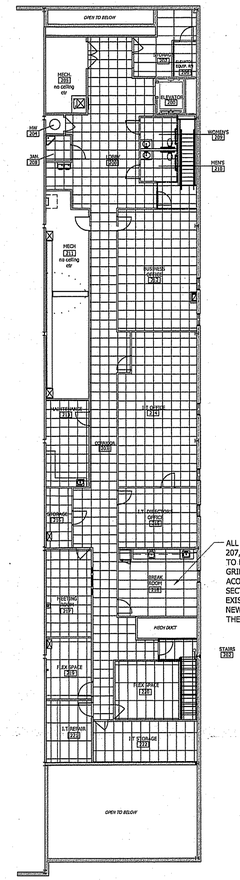
REFLECTED CEILING PLAN LEGEND

- GYPSUM BOARD FURR DOWN. SHAPE VARIES, SEE PLAN FOR LOCATIONS.
- 2 HR RATED CEILING ASSEMBLY PER DETAIL D/A5.6 ABOVE SCHEDULED SUSPENDED ACOUSTIC CEILING THIS AREA.
- 2'x2' ACCOUSTIC CEILING GRID AND TILE, BY SPECIFICATION 09 51 13
- ALL 2'X4' CEILING TILE TO BE REMOVED AND REPLACED WITH NEW CEILING TILE INSTALLED IN EXISTING GRID SYSTEM. (PATCH/REPAIR GRID WHERE DAMAGED) PROVIDE NEW INSUL. BY DIV. 7 ABOVE ALL ACOUSTIC CEILINGS
- 2'x2' BLACK SUSPENDED GRID SYSTEM AND ACOUSTIC CEILING TILE BY SECTION 09 51 13. (AREAS 155 &176 TO HAVE GRID & TILE ON A 45° ANGLE.) PROVIDE NEW INSUL. BY DIV. 7 ABOVE ALL ACOUSTIC CEILINGS



CEILING LAYOUT PLAN
1st FLOOR — SCALE: 1/16" = 1'-0"

REF. NORTH



CEILING LAYOUT PLAN
2nd FLOOR — SCALE: 1/16" = 1'-0"

REF. NORTH

**ALTERNATE BIDS
SEE SECTION 01 23 00 IN SPECS.
FOR COMPLETE LIST
AND DESCRIPTION OF ALTERNATE BIDS

SHEET SIZE: 24 X 36 SCALE: 1/16" = 1'-0"

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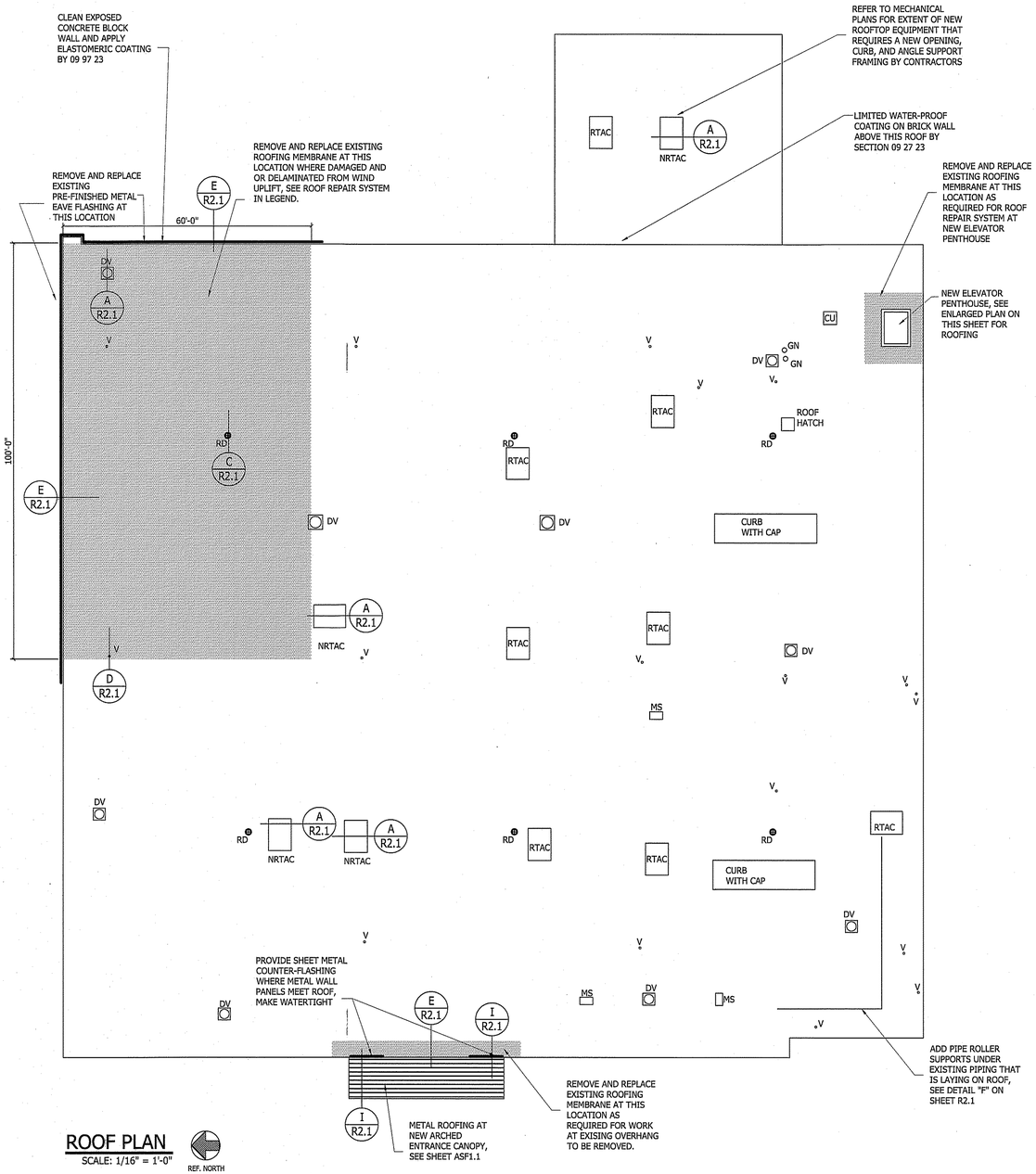
WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

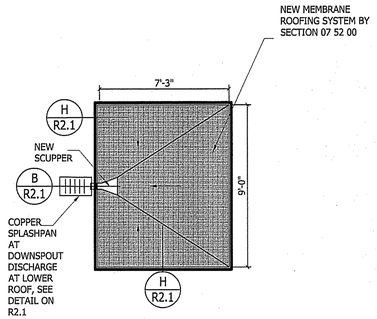
DRAWN BY:	RM
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

1st & 2nd FLOOR
ACOUSTIC CEILING TILE
LAYOUT PLANS

RC1.1

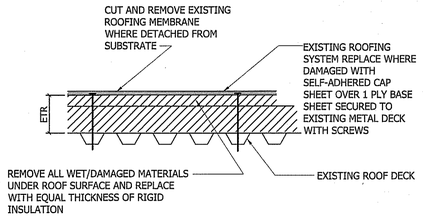


ROOF PLAN
SCALE: 1/16" = 1'-0"



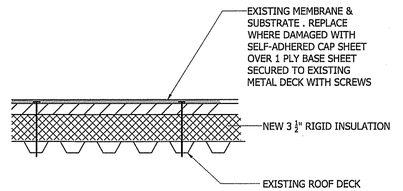
A/R1.1 ENLARGED ROOF PLAN AT ELEVATOR PENTHOUSE
SCALE: 1/4" = 1'-0"

REF. NORTH



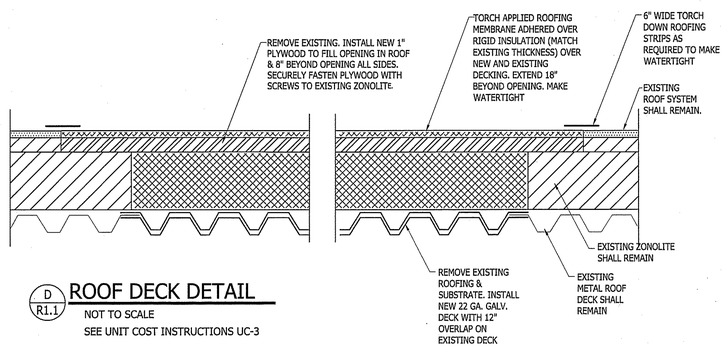
B/R1.1 ROOF MEMBRANE DETAIL
SCALE: 1 1/2" = 1'-0"

SEE UNIT COST INSTRUCTIONS UC-5 FOR ADDITIONAL QUANTITY UNIT COST IS FOR QUANTITY ABOVE & OVER THAT WHICH IS ALREADY INCLUDED IN PRICING



C/R1.1 ROOF REPAIR DETAIL
SCALE: 1 1/2" = 1'-0"

SEE UNIT COST INSTRUCTIONS UC-4



D/R1.1 ROOF DECK DETAIL
NOT TO SCALE

SEE UNIT COST INSTRUCTIONS UC-3

PLAN LEGEND

- **ROOF MEMBRANE REPAIR**: 1 YEAR MANUFACTURER 2 YEAR CONTRACTOR 1 PLY SELF ADHERED CAP SHEET OVER 1 PLY BASE FELT MECHANICALLY SECURED THRU EXISTING ZONOLITE INTO EXISTING METAL ROOF DECK WITH SCREWS. SEE DETAIL B/R1.1
- NEW ELEVATOR PENTHOUSE — **NEW MEMBRANE ROOF SYSTEM** AT PENTHOUSE: 10 YEAR WARRANTY 1-PLY SELF ADHERED CAP SHEET OVER 1-PLY BASE FELT MECHANICALLY SECURED OVER 1-1/2" RIGID INSULATION INTO NEW METAL ROOF DECK THAT IS SLOPED 1/4" PER FOOT. SEE DETAILS ON SHEET A4.5 & A5.3 FOR WALL CONSTRUCTION AND DETAILS ON SHEET R2.1 FOR ROOF CONSTRUCTION
- NEW SHEET METAL COPING, SEE DETAIL "G" ON R2.1
- CU — EXISTING CONDENSING UNIT AND REFRIGERANT LINE PENETRATION THRU ROOF TO REMAIN
- V — EXISTING PVC VENT PIPE PENETRATION THRU ROOF TO REMAIN U.O.N.
- DV — EXISTING DOME VENT WITH ROOF CURB PENETRATION THRU ROOF TO REMAIN U.O.N.
- MS — EXISTING MINI SPLIT CONDENSER AND REFRIGERANT LINE PENETRATION THRU ROOF TO REMAIN
- RTAC — EXISTING ROOF TOP AIR CONDITIONING UNIT ON CURB TO REMAIN. EXTEND EXISTING PVC CONDENSATE DRAINS TO NEAREST ROOF DRAIN WITH 1" PVC PIPE ON SUPPORT BLOCKS
- RD — EXISTING ROOF DRAIN TO REMAIN U.O.N.
- CURB WITH CAP — EXISTING ROOF CURB WITH SHEET METAL OR BUILT UP ROOFING CAP TO REMAIN
- GN — EXISTING GOOSENECK TO REMAIN
- ROOF HATCH — EXISTING ROOF HATCH TO REMAIN
- NEW SCUPPER — NEW SCUPPER AND 4" SQ. DOWNSPOUT TO DISCHARGE ON LOWER ROOF
- NRTAC — NEW ROOF TOP AIR CONDITIONING UNIT ON NEW CURB. PROVIDE 4X4X1/4" STEEL ANGLE SUPPORTS UNDER ROOF DECK SECURED TO EXISTING BAR JOISTS AT PERIMETER OF CURB. SEE DETAIL A/R2.1 FOR ROOFING WORK.

GENERAL ROOFING NOTES

- COMPLY WITH SECTION 07 52 00
- VERIFY ALL DIMENSIONS, CONDITIONS, SIZES AND NUMBERS OF EXISTING ITEMS PRIOR TO BID. VERIFY ROOF AREAS PRIOR TO BIDS.
- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. COMPLY W/ OSHA & ALL APPLICABLE CODES.
- VERIFY EXACT LOCATIONS & NUMBER OF ALL EXISTING ROOF DRAINS, VENTS, MECHANICAL EQUIPMENT, COLUMN COVERS, ELECTRICAL CONDUITS, GAS LINES, ETC.... PRIOR TO BIDDING.
- THE DESIGN INTENT IS FOR EXISTING WOOD BLOCKING TO BE RE-USED IF IT IS SOUND & SALVAGEABLE, OTHERWISE NEW BLOCKING TO MATCH EXISTING SHALL BE PROVIDED & PAID BY UNIT COST. MATERIALS SHALL BE CONSIDERED SALVAGEABLE IF IT IS NOT STRUCTURALLY DAMAGED OR MISSING. MINOR COSMETIC DAMAGE IS ACCEPTABLE.

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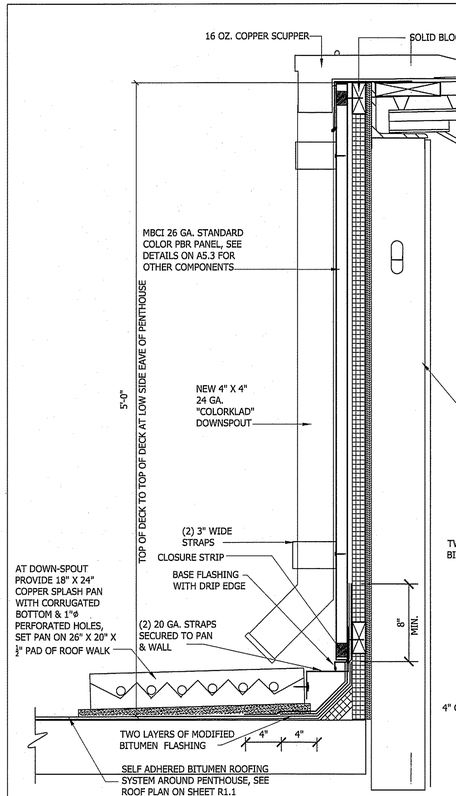
WILLIAM A. LAND III NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

DRAWN BY: LOH
CHK'D BY: WAL
JOB # 1963
DATE: 08/2024

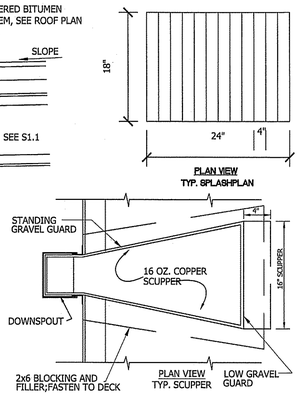
ROOF PLAN

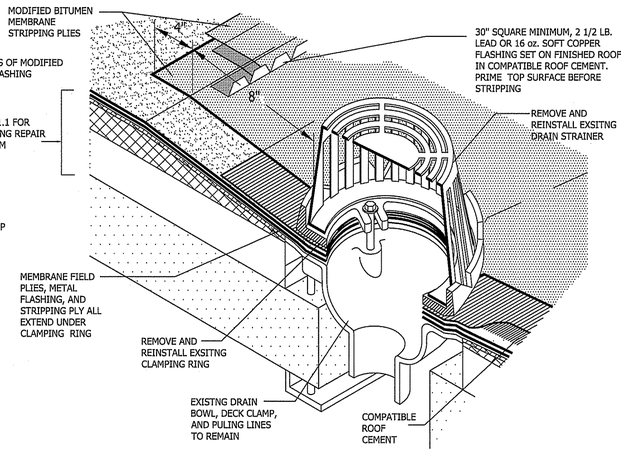
R1.1

SHEET SIZE: 24 X 36 SCALE: 1/16" = 1'-0"

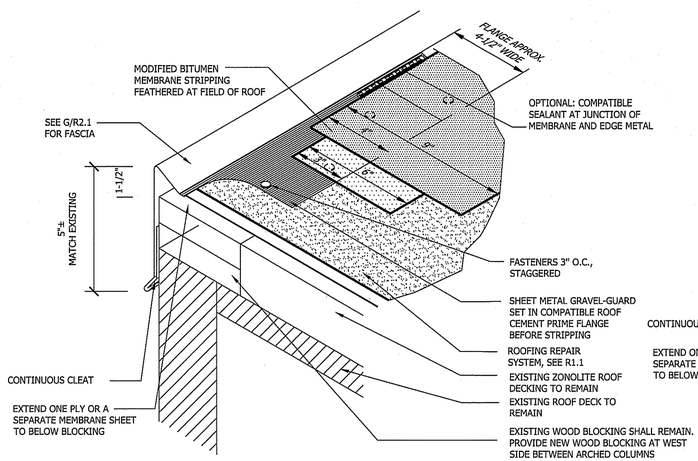


B R2.1 **SCUPPER & DOWN-SPOUT ELEVATOR PENTHOUSE**
SCALE: 1 1/2" = 1'-0"

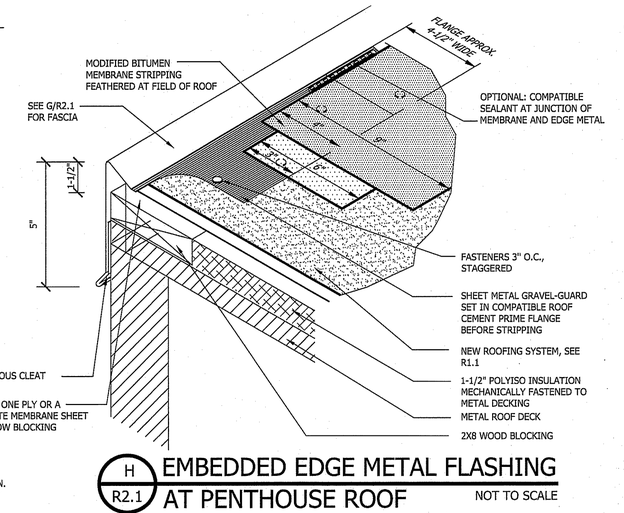




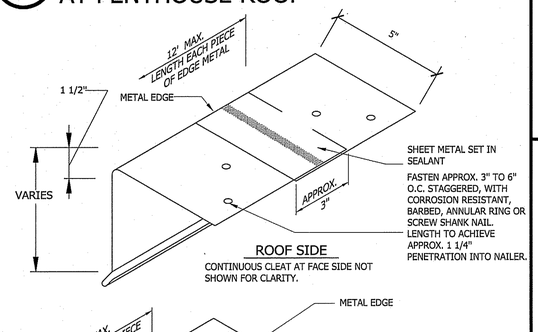
C R2.1 **EXISTING ROOF DRAIN DETAIL AT ROOF REPAIR**
NOT TO SCALE



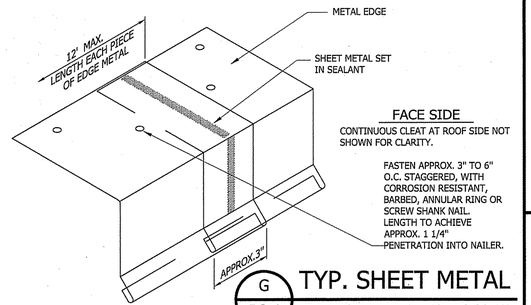
E R2.1 **EMBEDDED EDGE METAL FLASHING AT EXISTING ROOF**
NOT TO SCALE



H R2.1 **EMBEDDED EDGE METAL FLASHING AT PENTHOUSE ROOF**
NOT TO SCALE



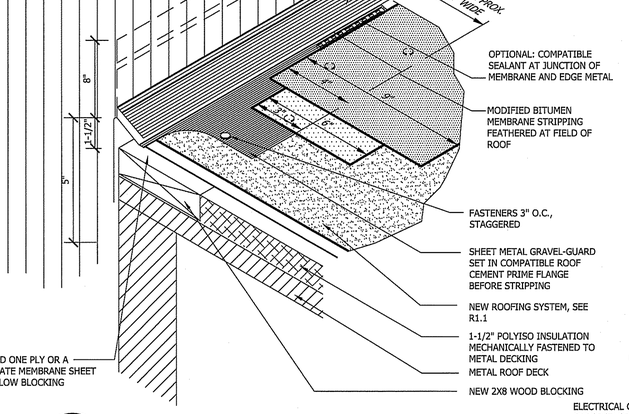
ROOF SIDE
CONTINUOUS CLEAT AT FACE SIDE NOT SHOWN FOR CLARITY.



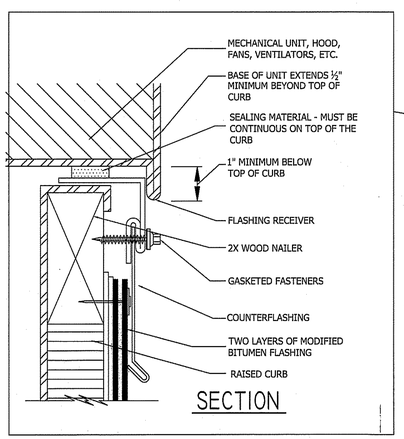
FACE SIDE
CONTINUOUS CLEAT AT ROOF SIDE NOT SHOWN FOR CLARITY.

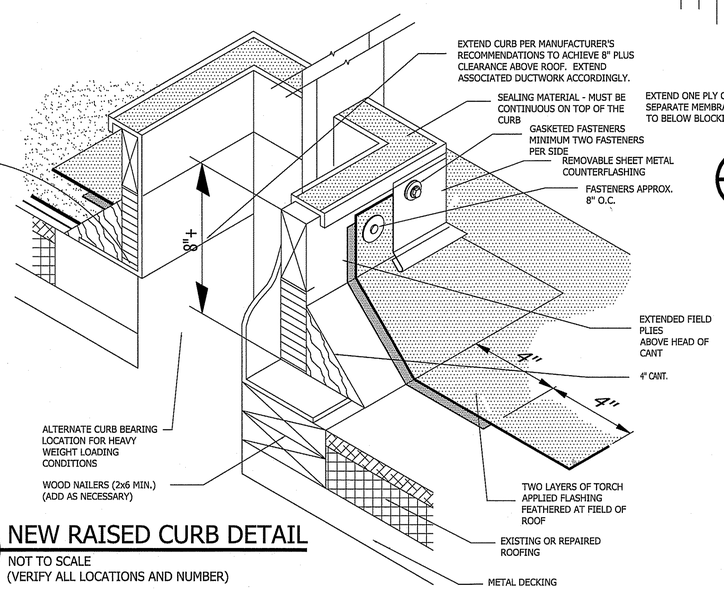
FASTEN APPROX. 3" TO 6" O.C. STAGGERED, WITH CORROSION RESISTANT, BARBED, ANNULAR RING OR SCREW SHANK NAIL. LENGTH TO ACHIEVE APPROX. 1 1/4" PENETRATION INTO NAILER.

G R2.1 **TYP. SHEET METAL FASCIA**
NOT TO SCALE

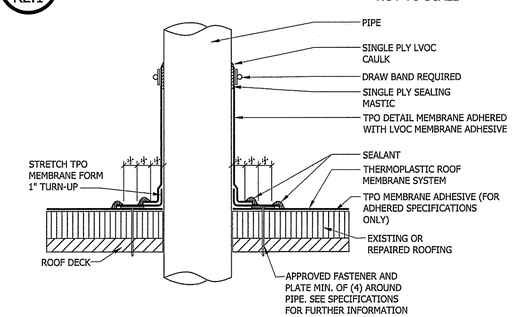


I R2.1 **EMBEDDED EDGE METAL FLASHING**
NOT TO SCALE

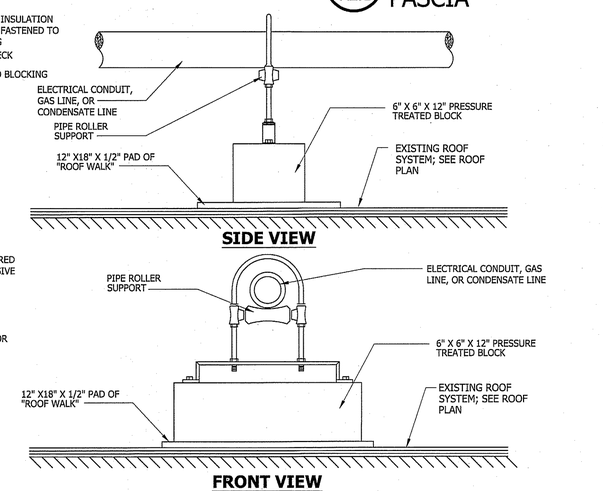




A R2.1 **NEW RAISED CURB DETAIL**
NOT TO SCALE
(VERIFY ALL LOCATIONS AND NUMBER)



D R2.1 **TYP. PLUMBING VENT AND CONDUIT BOOT WRAP DETAIL**
SCALE: 1 1/2" = 1'-0"
VERIFY LOCATIONS AND NUMBER ON MECHANICAL AND ELECTRICAL SHEETS



F R2.1 **PIPE ROLLER SUPPORT**
SCALE: 1 1/2" = 1'-0" **NOTE**: PROVIDE UNDER ALL PIPE AND CONDUIT ON ROOF

SHEET SIZE: 24 X 36 SCALE: 1-1/2" = 1'-0"

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WILLIAM A. LAND NO. 4155 STATE OF LOUISIANA REGISTERED ARCHITECT

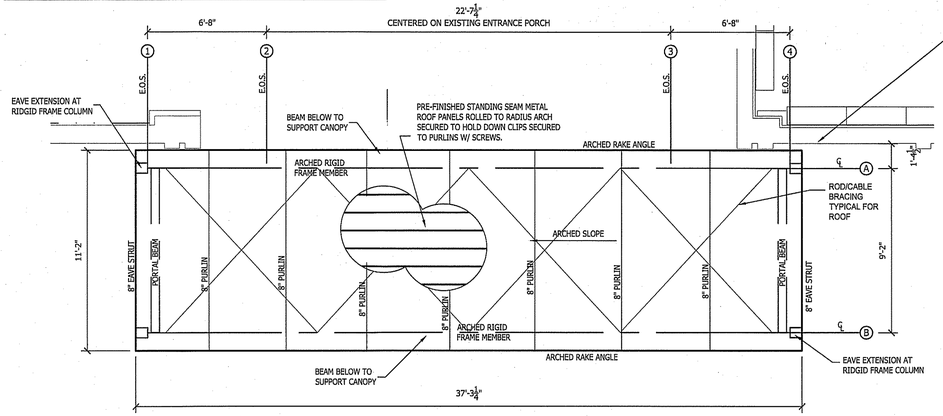
DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

ROOF DETAILS

R2.1

STRUCTURAL NOTES: COMPLY WITH SECTION 13 34 19

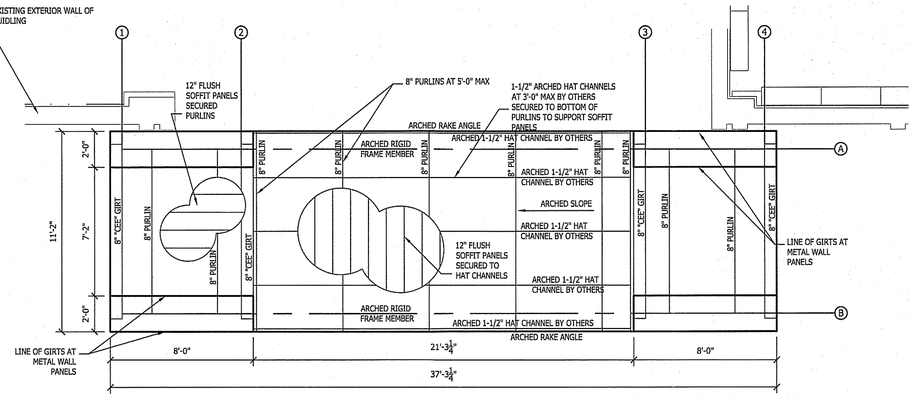
NOTE: DUE TO THE VARIATIONS OF DESIGN BETWEEN METAL BUILDING MANUFACTURERS , STRUCTURAL SHAPES , MEMBER SIZES ARE OMITTED FROM THIS SHEET. WHEN A PARTICULAR MANUFACTURER IS SELECTED BY THE CONTRACTOR, HE SHALL SUBMIT TO THE ARCHITECT A STRUCTURAL LAYOUT WITH CALCULATED END REACTIONS UNDER VARIOUS DEAD, LIVE, AND WIND LOADS FOR THE PARTICULAR FRAMES ALONG WITH SUFFICIENT DETAILS FOR COORDINATION WITH STRUCTURAL AND ARCHITECTURAL PLANS. STEEL MEMBERS SHALL BE OVER-DESIGNED TO ACCOMMODATE ADDITIONAL LOADS AT SOFFITS, LIGHT FIXTURES , ETC..... SEE ARCHITECTURAL PLANS FOR DETAILS; RIGID FRAME MEMBERS AND FOUNDATIONS SHALL BE DESIGNED TO RESIST LATERAL WIND LOADS AS REQUIRED BY, THE 2021 INTERNATIONAL BUILDING CODE. NO STRUCTURAL MEMBERS OR BRACING SHALL BE EXPOSED IN THE INTERIOR



STEEL FRAMING PLAN SHOWING ROOF FRAMING

SCALE: 1/4" = 1'-0"

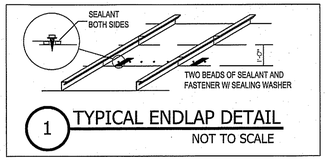
REF. NORTH



STEEL FRAMING PLAN SHOWING SOFFIT FRAMING

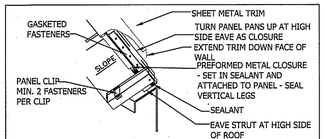
SCALE: 1/4" = 1'-0"

REF. NORTH



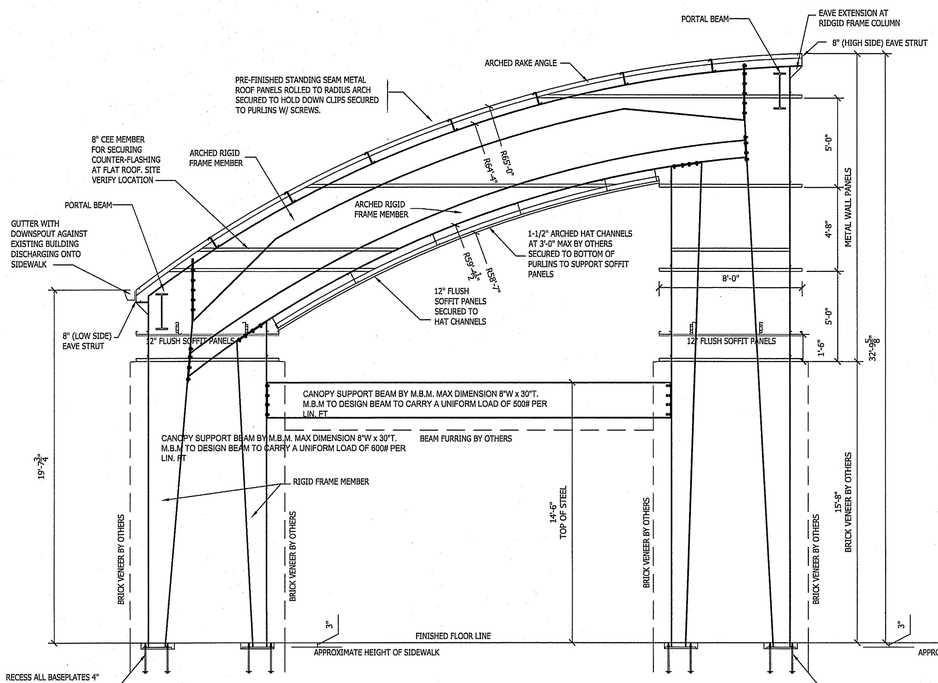
1 TYPICAL ENDLAP DETAIL

NOT TO SCALE

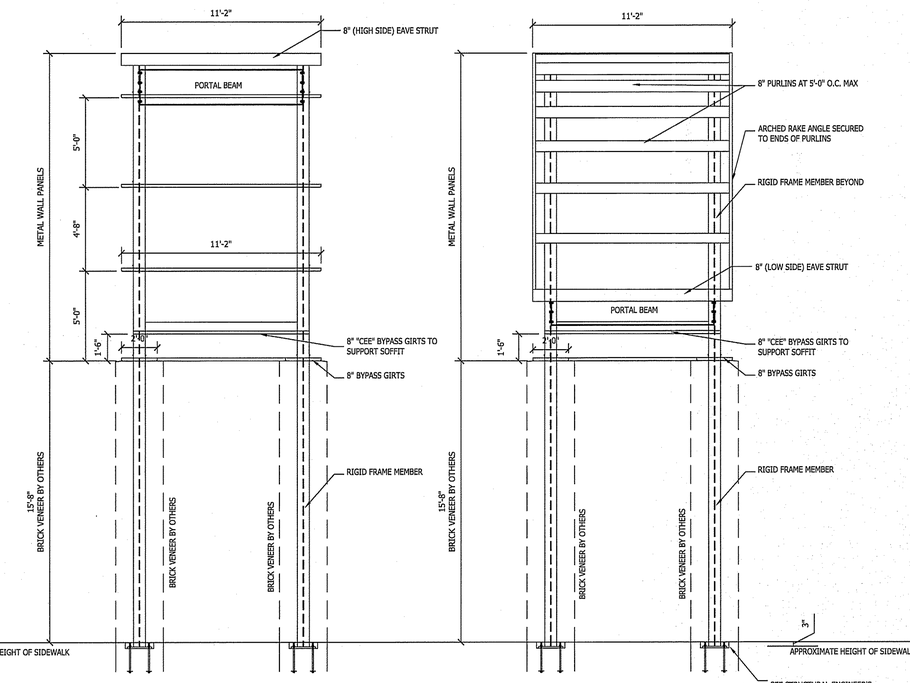


THE "Z" CLOSURE SHALL BE FASTENED THROUGH THE STRUCTURAL FRAMING, THUS FIXING THE PANELS ALONG THE RIDGE.

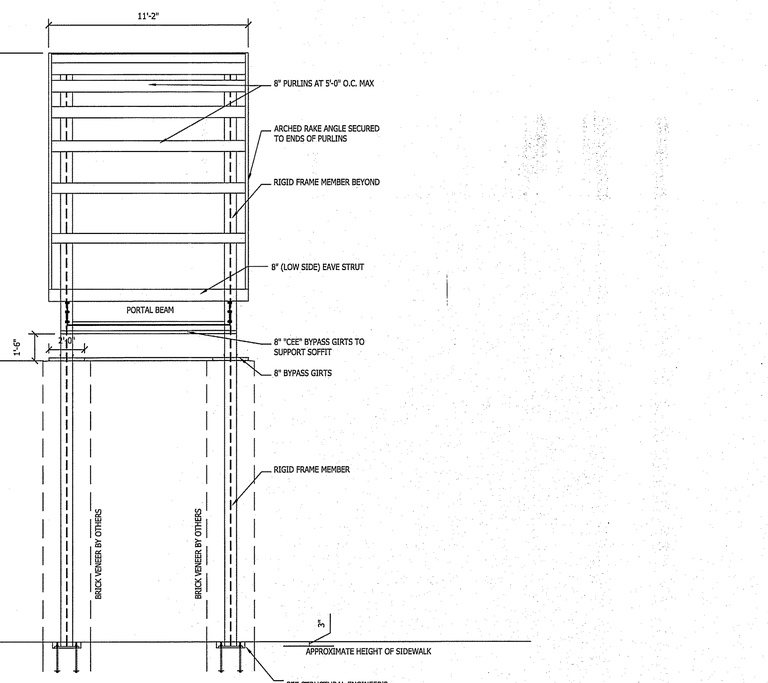
2 WATERTIGHT RIDGE CAP FLASHING DETAIL NOT TO SCALE



A RIGID FRAME ELEVATION AT LINES A & B SCALE: 1/4"= 1'-0"



B RIGID FRAME ELEVATION AT LINE 4 SCALE: 1/4"= 1'-0"



C RIGID FRAME ELEVATION AT LINE 1 SCALE: 1/4"= 1'-0"

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

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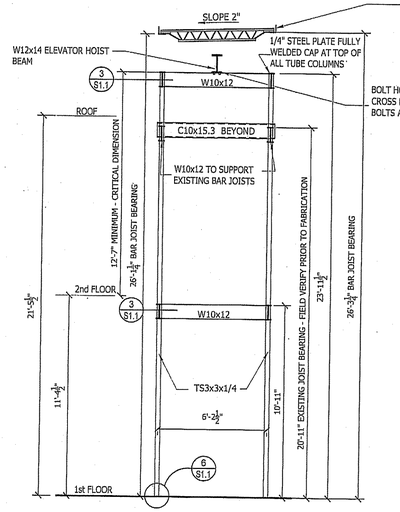
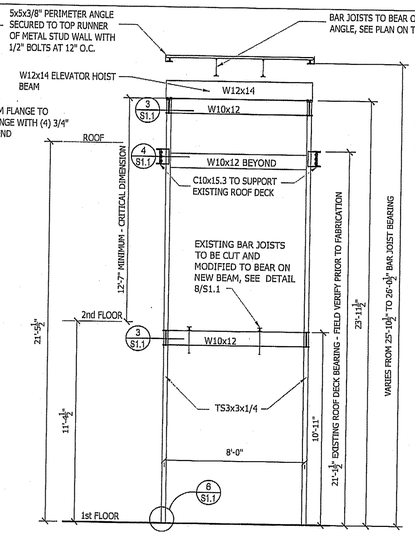
DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	08/2024

ARCHITECTURAL STEEL FRAMING PLAN @ ARCHED ENTRANCE

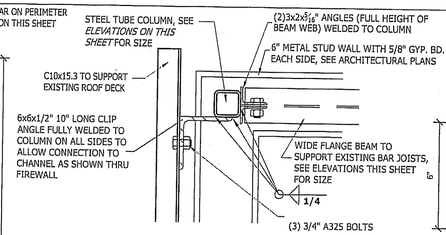
ASF1.1



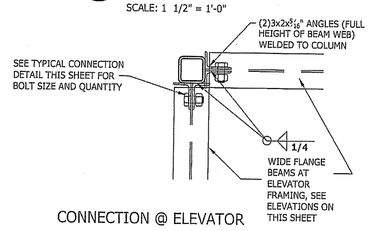
1 S1.1 ELEVATOR SHAFT FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



2 S1.1 ELEVATOR SHAFT FRAMING ELEVATION
SCALE: 1/4" = 1'-0"

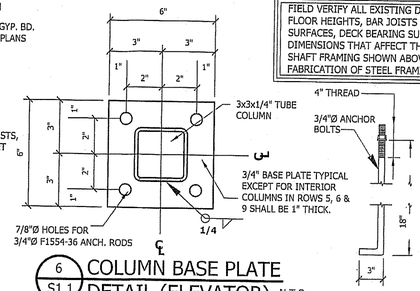


4 S1.1 CHANNEL TO COLUMN CONNECTION PLAN
SCALE: 1 1/2" = 1'-0"



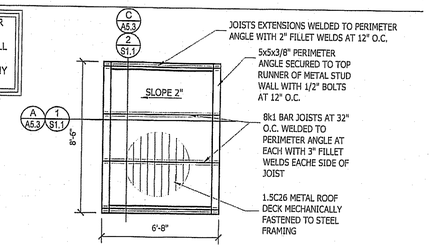
CONNECTION @ ELEVATOR

3 S1.1 BEAM TO COLUMN CONNECTION PLAN
SCALE: 1 1/2" = 1'-0"

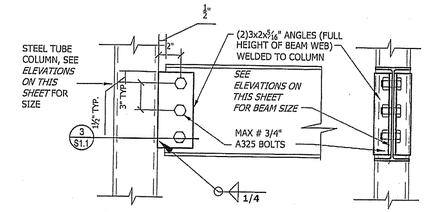


6 S1.1 COLUMN BASE PLATE DETAIL (ELEVATOR) N.T.S.
RECESS ALL BASEPLATES AND FILL WITH NON-SHRINK AFTER INSTALLATION OF STEEL

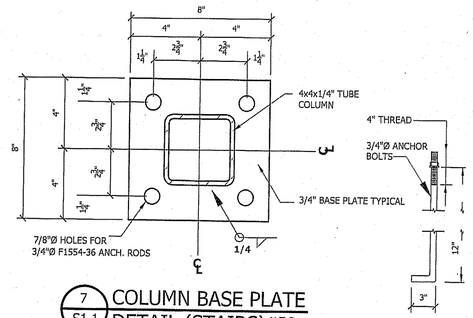
FIELD VERIFY ALL EXISTING DIMENSIONS FOR FLOOR HEIGHTS, BAR JOISTS BEARING SURFACES, DECK BEARING SURFACES, AND ALL DIMENSIONS THAT AFFECT THE ELEVATOR SHAFT FRAMING SHOWN ABOVE PRIOR TO ANY FABRICATION OF STEEL FRAMING



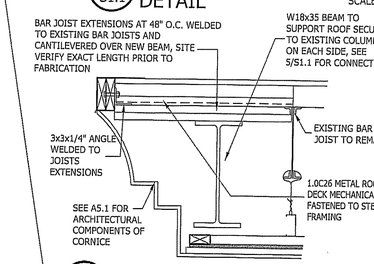
ROOF FRAMING PLAN AT PENTHOUSE
SCALE: 1/4" = 1'-0"
REF. NORTH



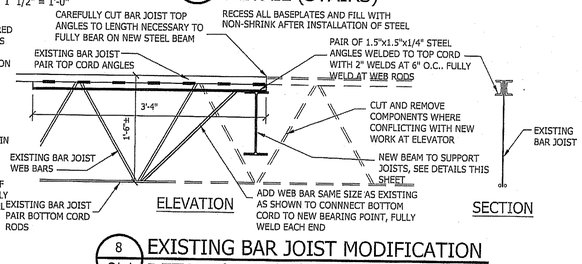
MOMENT CONNECTION @ ELEVATOR FRAMING



5 S1.1 TYP. BEAM TO COLUMN CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"

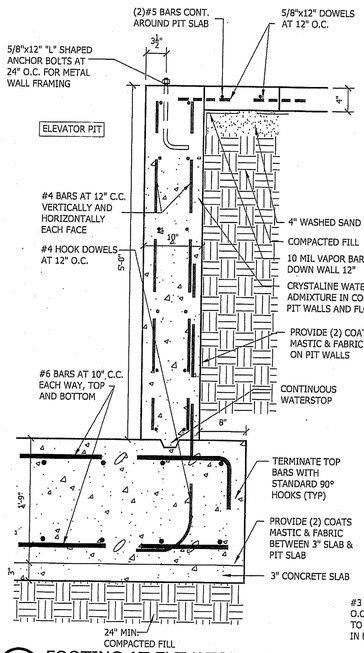


ELEVATION

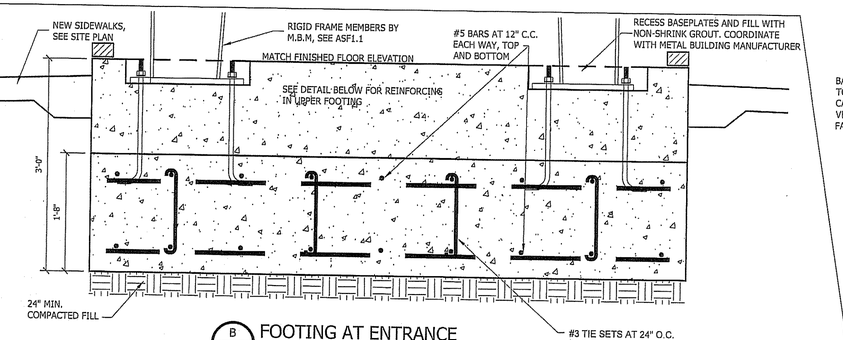


SECTION

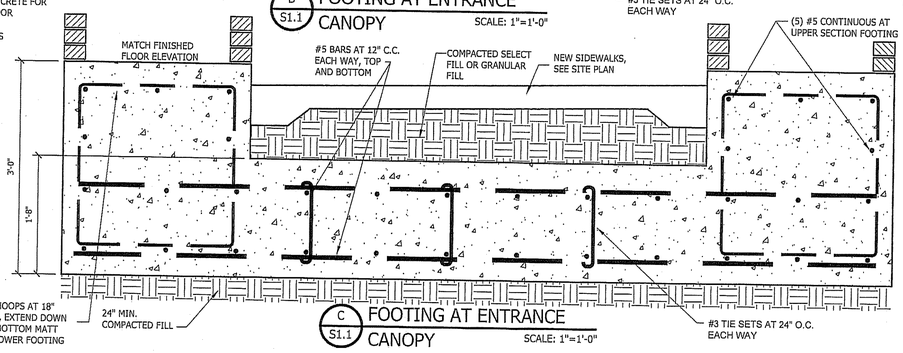
7 S1.1 COLUMN BASE PLATE DETAIL (STAIRS) N.T.S.



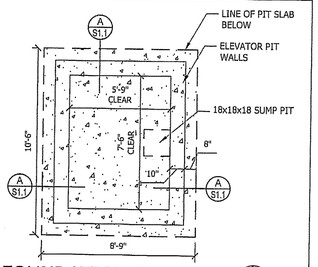
A S1.1 FOOTING AT ELEVATOR PIT
SCALE: 1"=1'-0"



B S1.1 FOOTING AT ENTRANCE CANOPY
SCALE: 1"=1'-0"

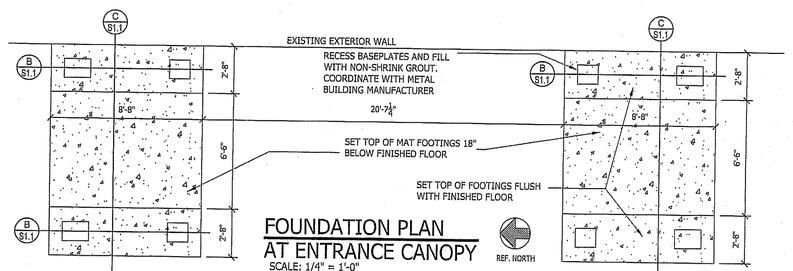


C S1.1 FOOTING AT ENTRANCE CANOPY
SCALE: 1"=1'-0"



FOUNDATION PLAN AT ELEVATOR PIT
SCALE: 1/4" = 1'-0"
REF. NORTH

8 S1.1 EXISTING BAR JOIST MODIFICATION DETAIL (2 JOISTS EACH END OF SHAFT)
SCALE: 1" = 1'-0"



FOUNDATION PLAN AT ENTRANCE CANOPY
SCALE: 1/4" = 1'-0"
REF. NORTH

STRUCTURAL STEEL GENERAL NOTES:

1. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH THE AISC MANUAL OF STEEL CONSTRUCTION, 14TH EDITION, ASD, UNLESS NOTED OTHERWISE.
2. MATERIAL SPECIFICATIONS FOR ALL STRUCTURAL STEEL COMPONENTS SHALL BE AS FOLLOWS:
   W-SHAPES & TEES CUT FROM W-SHAPES - ASTM A992
   SQUARE & RECTANGULAR HOLLOW STRUCTURAL SECTIONS - ASTM A500, GR. B, Fy = 46 KSI
   ROUND HOLLOW STRUCTURAL SECTIONS - ASTM A500, GR. B, Fy = 42 KSI
   STANDARD STEEL PIPE SECTIONS - ASTM A53, Fy = 35 KSI
   PLATES, BARS, AND ROUNDS - ASTM A572, GR. 50
   CHANNELS, ANGLES, S-SHAPES - ASTM A36
3. ALL STEEL SURFACES SHALL BE PREPARED TO SSPC-SP6 AND RECEIVE ONE COAT OF RUST INHIBITIVE PRIMER.
4. WELDING SHALL CONFORM TO AWS D1.1, CURRENT EDITION, USING E70XX, LOW HYDROGEN SMAW ELECTRODES, OR OTHER ELECTRODE-FLUX COMBINATIONS ALLOWED BY AWS D1.1.
5. FIELD CONNECTIONS SHALL BE BOLTED UNLESS NOTED OTHERWISE. SHOP CONNECTIONS MAY BE BOLTED OR WELDED EXCEPT WHERE OTHERWISE SHOWN ON THE DRAWINGS.
6. HIGH-STRENGTH, BOLTED STRUCTURAL CONNECTIONS SHALL BE MADE USING ASTM A325, TYPE 1, 3/4" DIAMETER (MINIMUM) BOLTS, UNLESS NOTED OTHERWISE. SECONDARY FRAMING MEMBER CONNECTIONS (E.G. PURLINS, GIRTS, JOISTS) MAY BE MADE WITH 1/2" DIAMETER (MINIMUM) ASTM A307 OR A325 BOLTS.
7. ALL HIGH-STRENGTH, BOLTED STRUCTURAL CONNECTIONS SHALL BE BEARING TYPE WITH THE THREADS INCLUDED IN THE SHEAR PLANE (A325N), UNLESS NOTED OTHERWISE.
8. ALL HIGH-STRENGTH, STRUCTURAL BOLTS SHALL BE TIGHTENED BY THE TURN-OF- THE-NUT METHOD TO THE MINIMUM TENSION SPECIFIED IN SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, UNLESS NOTED OTHERWISE. HARDENED WASHERS SHALL BE USED UNDER THE ELEMENT TURNED IN TIGHTENING THE BOLT.
9. ALL BEAM CONNECTIONS WHICH ARE NOT DETAILED OR OTHERWISE NOTED ON THE DRAWINGS SHALL BE BOLTED IN ACCORDANCE WITH AISC TABLE 10-1, USING THE MAXIMUM NUMBER OF ROWS OF BOLTS POSSIBLE FOR THE BEAM'S DEPTH AND A MINIMUM CLIP ANGLE THICKNESS OF 1/4". EQUIVALENT WELDED CONNECTIONS IN ACCORDANCE WITH AISC TABLE 10-2, USING A MINIMUM WELD 'A' OF 3/16", MAY BE USED.
10. ALL HORIZONTAL AND VERTICAL BRACING MEMBERS SHALL BE CONNECTED TO THEIR GUSSET PLATES USING A MINIMUM OF TWO (2) ROWS OF ASTM A325N BOLTS. GUSSET PLATES SHALL BE A 3/8" THICK, MINIMUM.
11. THE ERECTOR SHALL PROVIDE ALL TEMPORARY SHORING AND/OR BRACING NECESSARY TO ENSURE STABILITY OF THE STRUCTURE UNTIL IT IS COMPLETED.

EXCAVATION/FILL NOTES

CONTRACTOR SHALL COMPLY WITH SOIL REPORT SECTION 02 30 00.

SELECT FILL MATERIAL SHALL HAVE PROPERTIES AS LISTED IN THE SOIL REPORT. IF NONE IS LISTED USE THE FOLLOWING: A LIQUID LIMIT LESS THAN 35 AND A PLASTICITY INDEX OF BETWEEN 8 AND 18. THE SELECT FILL SHALL BE PLACED IN 8" THICK LOOSE LIFTS AND COMPACTED TO 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTMD698) AT 2% OF THE OPTIMUM MOISTURE CONTENT.

ONCE THE WORK AREA HAS BEEN SCARIFIED A MINIMUM OF 6", TESTING LAB FIELD REPRESENTATIVE SHALL BE CONTACTED TO ASCERTAIN IF THE SUBGRADE SOILS AND MOISTURE CONTENT ARE SUITABLE FOR PLACEMENT OF THE SELECT FILL MATERIAL. CONTRACTOR SHALL COMPACTION TEST THE EXISTING SUB-GRADE IN THE PRESENCE OF THE TESTING LAB FIELD REPRESENTATIVE. ANY AREAS DETERMINED TO BE UNSUITABLE FOR PLACEMENT OF SELECT FILL MATERIAL SHALL BE REMOVED AND FILLED WITH COMPACTED SELECT FILL MATERIAL OR STABILIZED WITH A CHEMICAL AS RECOMMENDED BY THE SUB SURFACE EXPLORATION REPORT AND TESTING LAB FIELD TECHNICIAN.

FOUNDATION NOTES:

- THE DESIGN, MATERIALS, AND WORKMANSHIP OF REINFORCED CONCRETE SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING STANDARDS:
  - ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
  - SP66 ACI DETAILING MANUAL
  - ACI 301 SPECIFICATIONS FRO STRUCTURAL CONCRETE FOR BUILDINGS
  - CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL
- REINFORCING STEEL: DEFORMED BARS ASTM A615 - GRADE 60
- WELDED WIRE MESH: NEW MATERIAL; FABRICATION TO COMPLY WITH ASTM A185. FLAT SHEETS ONLY.
- CONCRETE 28 DAY STRENGTH: - 4000 PSI. MINIMUM. CONCRETE NOT MEETING STRENGTH REQUIREMENTS SHALL REQUIRE REMOVAL AND REPLACEMENT.
- UNLESS NOTED OTHERWISE, CONCRETE COVER OVER REINFORCING STEEL SHALL BE AS FOLLOWS:
  - 3" WHEN CONCRETE IS PLACED DIRECTLY AGAINST EARTH
  - 2" FOR #5 BARS AND LARGER IF, AFTER FORM REMOVAL, THE CONCRETE IS DIRECTLY EXPOSED TO WEATHER OR EARTH
  - 1 1/2" FOR #5 BARS AND SMALLER IF, AFTER FORM REMOVAL, THE CONCRETE IS DIRECTLY EXPOSED TO WEATHER OR EARTH
  - 1" IN SLABS AND WALLS
  - 1 1/2" FOR BEAMS AND COLUMNS NOT DIRECTLY EXPOSED TO WEATHER OR EARTH
- UNLESS NOTED OTHERWISE ON THE DRAWINGS, THE MINIMUM LAP FOR BAR SPLICES SHALL BE:

BAR SIZE	TOP BARS*	BOTTOM & VERTICAL BARS
#3	1'-9"	1'-4"
#4	2'-4"	1'-10"
#5	2'-11"	2'-3"
#6	3'-6"	2'-8"

  - *: HORIZONTAL BARS WITH 12" OR MORE OF CONCRETE CAST BELOW THEM.
- ALL TOP BARS SHALL BE SPLICED AT MIDSPANS; BOTTOM BARS AT PIER LOCATIONS.
- ALL REINFORCING STEEL AND W.W MESH: ADEQUATELY SUPPORTED ON CHAIRS OR CONC BRICKS, SUPPORTS TO COMPLY WITH ACI - 315. CLAY BRICKS NOT ALLOWED.
- DOWEL INTERSECTING WALLS , BEAMS , OTHER CONCRETE ELEMENTS WITH DOWELS OF SAME SIZE AND SPACING AS HORIZONTAL STEEL IN CONNECTING MEMBER.
- PLACE 2-0 X 2-0 CORNER BARS AT ALL CORNERS IN WALLS AND BEAMS SIZE AND SPACING: SAME AS HORIZONTAL STEEL.
- CONSTRUCTION JOINTS IN SLAB AND BEAMS: AT COLUMN CENTERLINE OR POINT OF MINIMUM STRESS.
- EXPOSED JOINTS , EDGES OF CONCRETE WALLS: FORMED WITH 3/4" CHAMFER.
- EXPOSED CONCRETE SURFACES: FORMED WITH PLYWOOD OR METAL FORMS.
- LAP W.W. MESH MINIMUM OF 6" AND TIE.
- SEE ARCHITECTURAL , MECHANICAL , ELECTRICAL DRAWINGS FOR INSERTS IN OR PASSING THRU CONCRETE ELEMENTS.
- PRIOR TO PLACING CONCRETE, REFER TO ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL DRAWINGS FOR UNDERGROUND AND EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
- FURNISH 30" X 30" "L" - SHAPE BARS OF SAME SIZE AND SPACING WITH MAIN HORIZONTAL REINFORCING STEEL IN CONTINUOUS FOOTINGS. PLACE AT ALL EXTERIOR FACES OF EXTERIOR CORNERS.
- CORNER BARS 30"x30" AT ALL INTERSECTING GRADE BEAMS SAME SIZE AND SPACING WITH MAIN HORIZONTAL STEEL.
- WELDED WIRE FABRIC IN ALL SLABS SHALL BE SUITABLY SUPPORTED SO THAT THE MESH WILL BE 2-1/2" FROM TOP SURFACE OF CONCRETE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE BUILDING SITE AND SHALL BRING TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A307 OR A36 UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- MINIMUM ANCHOR BOLT EMBEDMENT INTO CONCRETE SHALL BE (12) BOLT DIAMETERS THE PORTION OF THE BOLT PROJECTING ABOVE THE CONCRETE SHALL BE THREADED.
- ALL GROUT FOR DRILLED-IN ANCHOR BOLTS OR REINFORCING BARS SHALL BE FIVE STAR EPOXY GROUT AS MANUFACTURED BY FIVE STAR PRODUCTS, INC., OR APPROVED EQUAL W/ IDENTICAL PROPERTIES SPECIFICATION.
- THE CONTRACTOR SHALL CARRY EXTERIOR BACK FILL AND THE BACK FILL WITHIN THE BUILDING TO REQUIRED FINISH ELEVATION AT THE SAME TIME IN ORDER THAT NO UNEQUAL PRESSURE BE EXERTED AGAINST FOUNDATION WALLS COMPACTING SHALL BE DONE ON EACH SIDE OF OF ALL AT THE SAME TIME.
- CONTRACTOR SHALL RUN PIPE SLEEVES THRU GRADE WALL AND NOT BELOW FOOTINGS.
- THE CONTRACTOR SHALL PROVIDE THE TESTING LAB WITH THE QUALITY CONTROL SECTION 01 40 00 OF THE PROJECT MANUAL AND SEE THAT IT IS FOLLOWED BY THE TESTING LAB REPRESENTATIVE.

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

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DON ARRINGTON
LIC. No. 28210
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

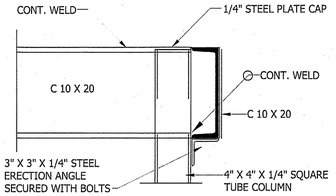
DRAWN BY:	LOH
CHK'D BY:	WAL
JOB #	1963
DATE:	02/2024

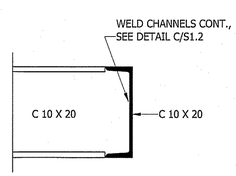
STRUCTURAL PLAN

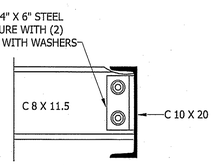
S1.1

NOTES FOR EXTERIOR STAIR

1. THE DESIGN INTENT IS FOR ALL STAIRS TO BE EQUIPPED WITH HANDRAILS AND GUARDRAILS COMPLYING W/ ADDAG & NFPA 101.
2. STAIRWAYS SHALL HAVE HANDRAILS AT BOTH SIDES.
3. HANDRAILS SHALL BE CONTINUOUS ALONG INSIDE OF STAIRS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG STAIRS SHALL BE CONTINUOUS.
4. AT LANDINGS WHERE THE HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12" BEYOND THE TOP RISER AND ONE TREAD WIDTH BEYOND THE BOTTOM RISER. AT THE TOP, THE EXTENSION SHALL BE PARALLEL WITH THE GROUND AT THE BOTTOM THE HANDRAIL SHALL CONTINUE TO SLOPE FOR A MIN. DISTANCE OF THE WIDTH OF ONE TREAD FROM THE BOTTOM RISER.
5. THE CLEAR SPACE BETWEEN HANDRAILS AND WALL OR ALL OTHER ADJACENT MATERIALS SUCH AS COLUMNS, ETC. SHALL BE 2 1/4".
6. GRIPPING SURFACES SHALL BE UNINTERRUPTED BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.
7. TOP OF HANDRAIL GRIPPING SURFACE SHALL BE MOUNTED BETWEEN 34" & 38" ABOVE STAIR NOSINGS. ALL HANDRAILS SHALL BE SAME HEIGHT.
8. GUARDRAILS SHALL BE 42" MIN. IN HEIGHT AND INFILL SHALL BE SPACED WHERE A 4" SPHERE CANNOT PASS THRU THEM.
9. VERIFY ALL CONDITIONS AND FINAL FINISHED FLOOR ELEVATIONS PRIOR TO DETERMINING FINAL RISER HEIGHT FOR STAIR. ALL RISER SHALL BE EQUAL.
10. INCLUDE IN BID ALL WORK REQUIRED FOR A COMPLETE FUNCTIONING STAIR RAIL SYSTEM INCLUDING ALL COMPONENTS NECESSARY. SUBMIT SHOP DRAWINGS FOR APPROVAL.
11. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION OF HANDRAILS.
12. ALL WELDS AND CONNECTIONS SHALL BE GROUND SMOOTH.
13. ALL METAL MATERIALS THAT ARE NOT STAINLESS STEEL, ALUMINUM, OR PRE-FINISHED SHALL BE PAINTED BY SECTION 09 90 00
14. THE TOLERANCE BETWEEN THE LARGEST & SMALLEST HORIZ. NOSING PROJECTION, BETWEEN THE LARGEST & SMALLEST RISER HEIGHT, OR BETWEEN THE LARGEST & SMALLEST TREAD DEPTH IN ANY FLIGHT OF STAIRS SHALL NOT EXCEED 3/8". IN ADDITION THE VARIATION BETWEEN ADJ. HORIZ. NOSINGS, BETWEEN ADJ. RISER HEIGHTS, OR BETWEEN ADJ. TREAD DEPTHS ON STAIRS SHALL NOT EXCEED 3/16".



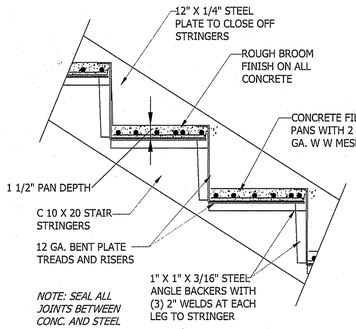




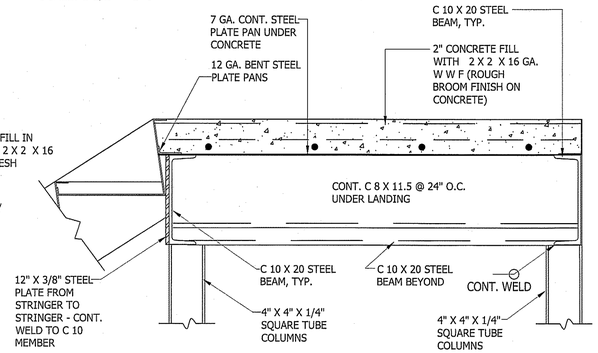
F S1.2 **TUBE COL. TO CHANNEL**
SCALE: 1 1/2" = 1'-0"

G S1.2 **C 10 TO C 10 CHANNEL**
SCALE: 1 1/2" = 1'-0"

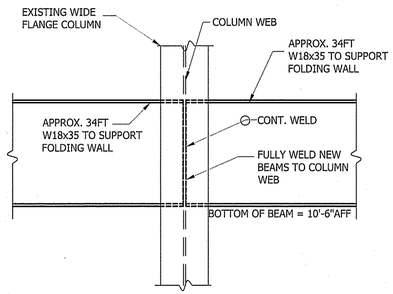
H S1.2 **C 8 TO C 10 CHANNEL**
SCALE: 1 1/2" = 1'-0"



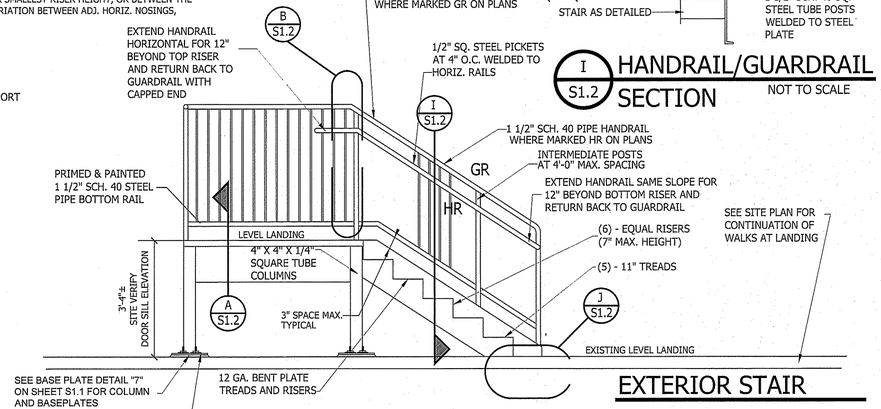
D S1.2 **TYPICAL PAN STAIR TREAD & RISER**
SCALE: 1 1/2" = 1'-0"



E S1.2 **STAIR TO LANDING TRANSISTION**
SCALE: 1 1/2" = 1'-0"

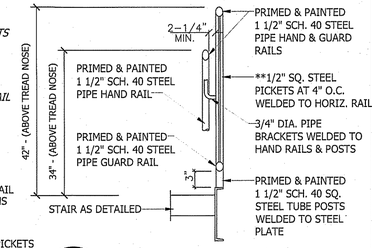


N S1.2 **BEAM CONNECTION FOLDING WALL AREA 118**
SEE DET. K/A5.4 & SHEET A6.1
SCALE: 1/2" = 1'-0"

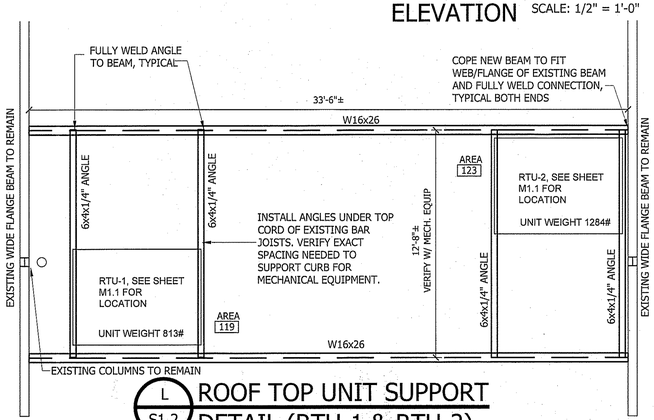


I S1.2 **HANDRAIL/GUARDRAIL SECTION**
NOT TO SCALE

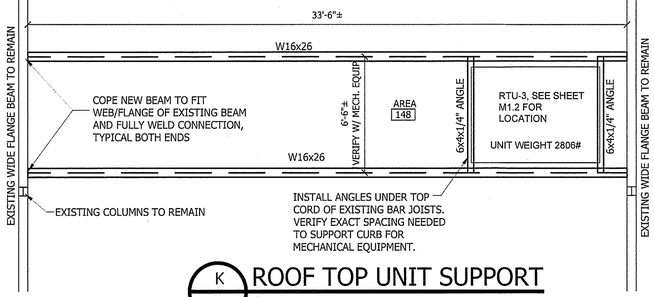
***NOTE: PROVIDE A COMPLETE 1/2" SQ. SOLID TUBE PICKET GUARD SYSTEM. ALL COMPONENTS SHALL BE CONT. WELDED & FABRICATED SUCH AS ALL MEMBERS ARE LESS THAN 4" APART SO THAT A 4" SPHERE SHALL NOT PASS THRU GUARDRAIL PANELS BETWEEN POSTS.*



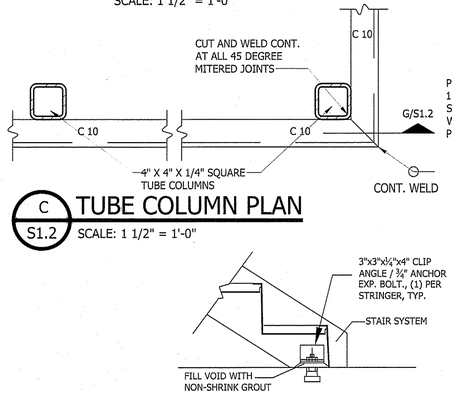
EXTERIOR STAIR ELEVATION
SCALE: 1/2" = 1'-0"



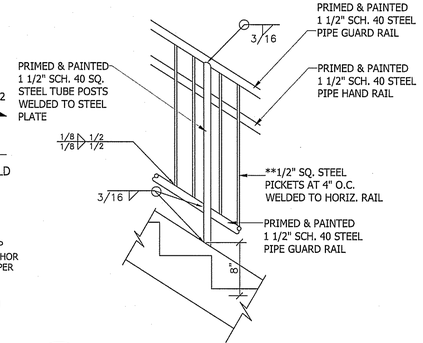
L S1.2 **ROOF TOP UNIT SUPPORT DETAIL (RTU-1 & RTU-2)**
SCALE: 1/8"=1'-0"



K S1.2 **ROOF TOP UNIT SUPPORT DETAIL (RTU-3)**
SCALE: 1/8"=1'-0"

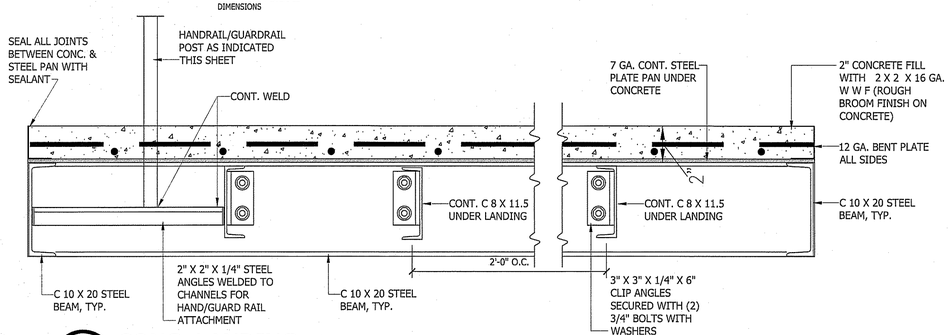


C S1.2 **TUBE COLUMN PLAN**
SCALE: 1 1/2" = 1'-0"



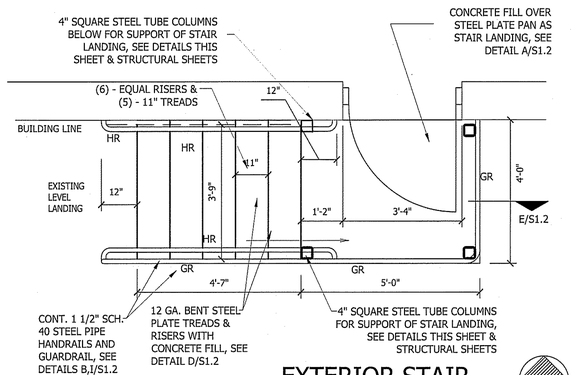
B S1.2 **POST/RAIL/STRINGER CONNECTION DETAILS**
NOT TO SCALE

J S1.2 **ATTACHMENT DETAIL STRINGER TO CONC. SLAB**
SCALE: 1" = 1'-0"
NOTE: VERIFY OVERALL DIMENSIONS



A S1.2 **CONC. LANDING DETAIL**
SCALE: 1 1/2" = 1'-0"

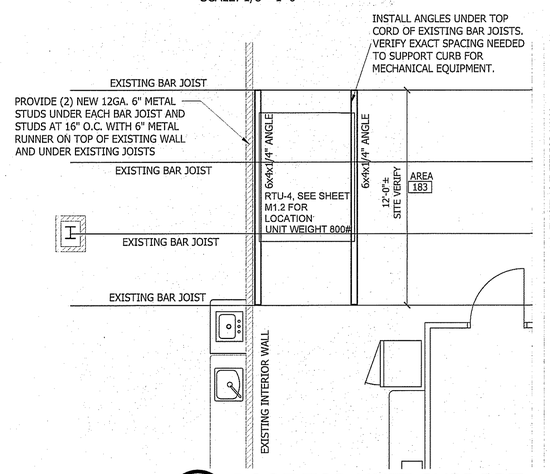
CONTRACTOR'S OPTION TO FULLY SHOP WELD ALL CONNECTIONS AND INSTALL STAIR ASSEMBLY ON SITE IN 1 PIECE



***NOTE: ALL METAL COMPONENTS OF STAIR SHALL BE SANDED, PRIMED, & PAINTED BY SECTION 09 90 00 IN SPECIFICATIONS*

EXTERIOR STAIR PLAN
SCALE: 1/4" = 1'-0"

REF. NORTH



M S1.2 **ROOF TOP UNIT SUPPORT DETAIL (RTU-4)**
SCALE: 1/8"=1'-0"

SHEET SIZE: 24 X 36 SCALE: 1/4" = 1'-0"

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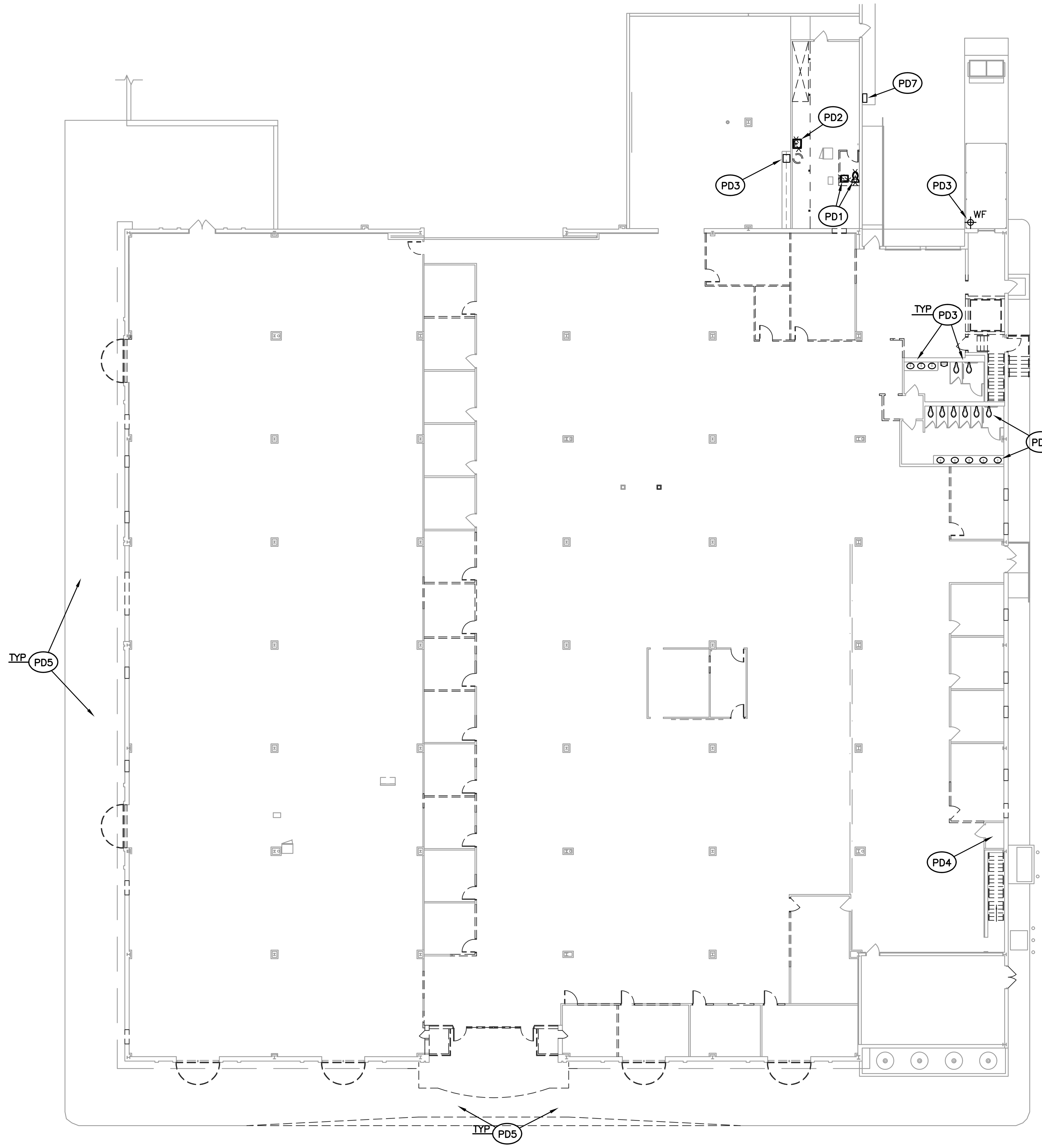
LIC. No. 28210
PROFESSIONAL ENGINEER IN CIVIL ENGINEERING
08/29/24

DRAWN BY:	DA
CHK'D BY:	DA
JOB #	1963
DATE:	08/2024

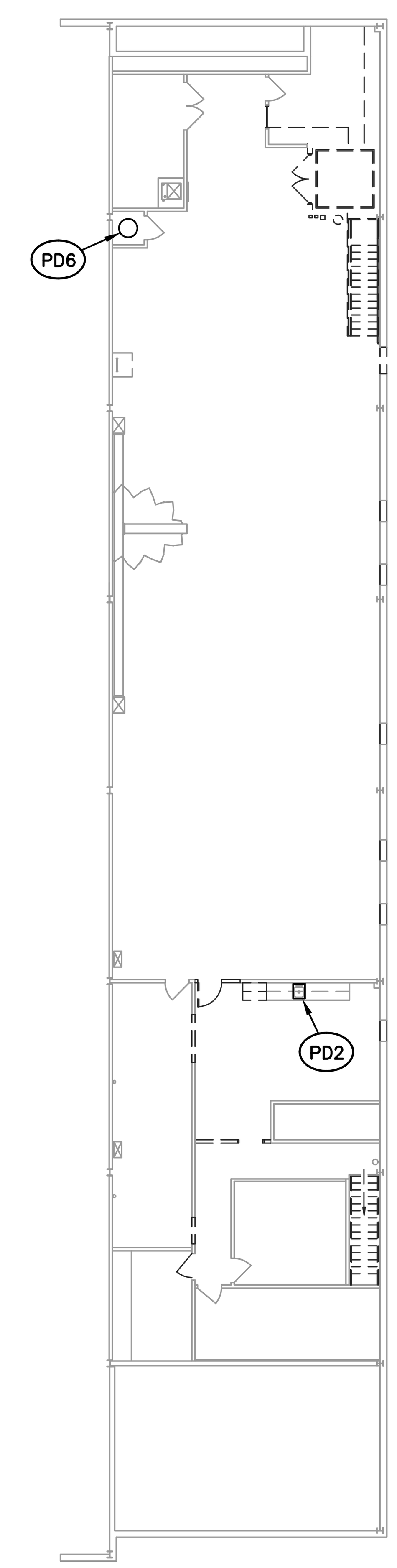
STAIR DETAILS

S1.2



N FIRST FLOOR PLAN DEMOLITION – PLUMBING

SCALE: 1/16" = 1'-0"



N SECOND FLOOR PLAN DEMOLITION – PLUMBING

SCALE: 1/16" = 1'-0"

SEE SHEET P3.1 FOR PLUMBING DEMOLITION GENERAL NOTES AND CONTRACTORS NOTES.

PLUMBING DEMOLITION NOTES:

——— EXISTING TO REMAIN.

—X—X—X— EXISTING TO BE REMOVED.

- (PD1) REMOVE AND DISCARD EXISTING PLUMBING FIXTURE. RETAIN EXISTING ROUGH–IN AS REQUIRED FOR MODIFICATION AND RECONNECTION. REMOVE AND DISCARD DOMESTIC WATER PIPING BRANCH PIPING AND CAP AT MAIN AS REQUIRED. CAP WASTE BRANCH BEHIND WALL/BELOW SLAB AND PATCH TO MATCH ADJACENT AS REQUIRED. FIELD VERIFY EXISTING CONDITIONS.
- (PD2) REMOVE AND DISCARD EXISTING PLUMBING FIXTURE. RETAIN EXISTING ROUGH–IN FOR MODIFICATION AND RECONNECTION.
- (PD3) EXISTING PLUMBING FIXTURE TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.
- (PD4) EXISTING FIRE SPRINKLER RISER TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.
- (PD5) PURGE, REMOVE AND DISCARD EXTERIOR GAS SCONCE LIGHTING AND ASSOCIATED ACCESSORIES. REMOVE EXISTING BRANCH PIPING BACK TO MAIN AND CAP.
- (PD6) EXISTING WATER HEATER AND ASSOCIATED ACCESSORIES TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.
- (PD7) EXISTING GAS METER SET TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

THE CONTRACTOR SHALL BE **REQUIRED** TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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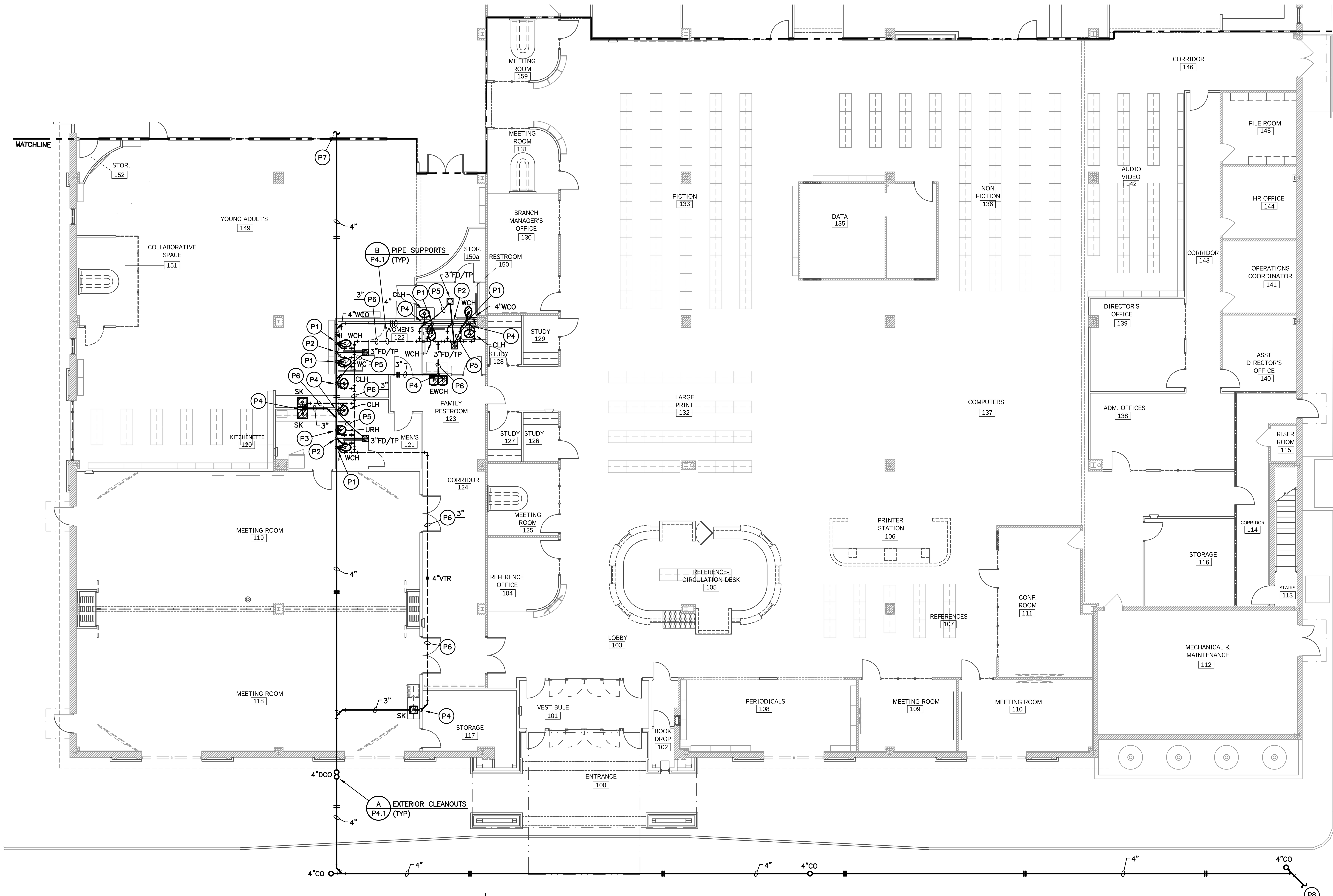
JAVIER GARCIA
License No. 45609
09/04/2024
PROFESSIONAL ENGINEER

DRAWN BY:	JDK
CHK'D BY:	TGS
JOB #	1963
DATE:	08/2024

1ST FLOOR PLAN
DEMOLITION
PLUMBING

PD1.1



PARTIAL FIRST FLOOR PLAN – WASTE AND VENT

SCALE: 1/8" = 1'-0"

PLUMBING NOTES:

(P1) SWEEP ELBOW OR COMBINATION WITH 4" WASTE STACK, 4" COMBINATION (OR DOUBLE COMBINATION AS APPLICABLE) AND 4" WASTE ARM BRANCH UNDERSLAB TO CLOSET BEND AND CLOSET FLANGE. PROVIDE 4"x3" REDUCING BUSHING AND EXTEND 3" VENT UP IN CHASE TO FULL-SIZE HEADER.

(P2) REDUCING COMBINATION WITH 3" WASTE STACK, 3" SANITARY CROSS, 3" DEEP-SEAL P-TRAP UNDERSLAB FOR FLOOR DRAIN CONNECTION. PROVIDE 3"x2" REDUCING BUSHING AND 2" VENT STACK IN WALL. EXTEND 2" VENT UP CHASE TO FULL-SIZE HEADER.

(P3) REDUCING COMBINATION WITH 2" WASTE/VENT STACK IN CHASE FOR URINAL. EXTEND 2" VENT UP IN CHASE TO FULL-SIZE HEADER.

(P4) REDUCING COMBINATION WITH 2" WASTE/VENT STACK IN WALL FOR LAVATORY/SINK ROUGH-IN CONNECTION. EXTEND 2" VENT UP IN CHASE TO FULL-SIZE HEADER.

(P5) 1/2" TYPE "L" COPPER UNDERSLAB FROM "WATER-SAVER" TRAP PRIMING ASSEMBLY. EXTEND AND CONNECT TO FLOOR DRAIN (FD/TP). RE: DETAIL "C", SHEET P4.1.

(P6) VENT PIPING ABOVE CEILING, HIGH THROUGH STRUCTURE ABOVE; 2" UNLESS NOTED OTHERWISE.

(P7) SEE SHEET P1.2 FOR CONTINUATION.

(P8) EXTEND NEW 4" SANITARY SEWER AND CONNECT TO EXISTING SANITARY SEWER; APPROXIMATELY 30 FEET TO THE SOUTHWEST. FIELD VERIFY EXACT SIZE, DEPTH, LOCATION, INVERT ELEVATION, ETC.

SEE SHEET P3.1 FOR PLUMBING GENERAL NOTES AND CONTRACTORS NOTES.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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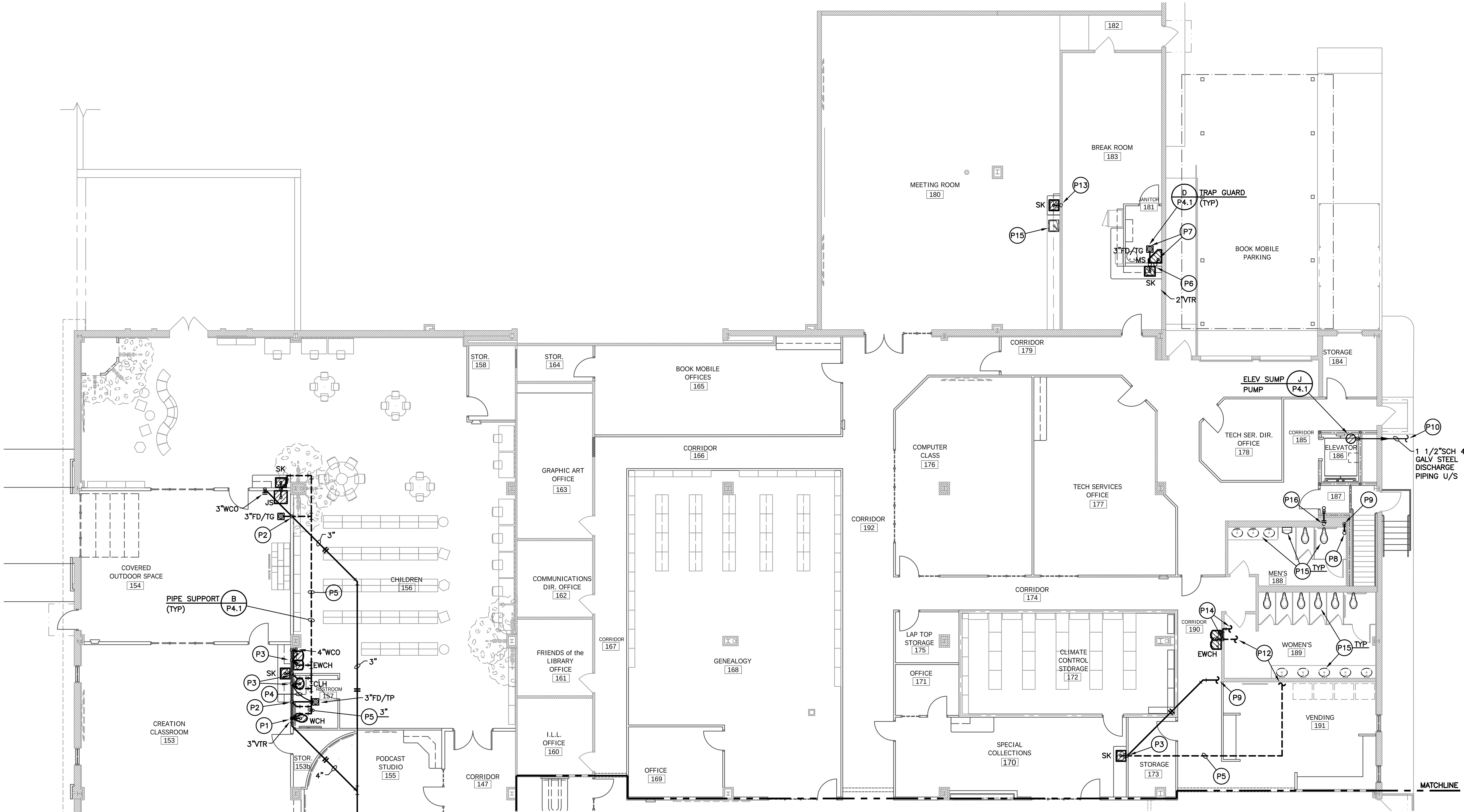
STATE OF LOUISIANA
JAVIER GARCIA
License No. 45609
09/04/2024
PROFESSIONAL ENGINEER

DRAWN BY: JDK
CHK'D BY: TGS
JOB #: 1963
DATE: 08/2024

PARTIAL 1ST FLOOR PLAN - WASTE AND VENT

P1.1



PARTIAL FIRST FLOOR PLAN – WASTE AND VENT

SCALE: 1/8" = 1'–0"

SEE SHEET P3.1 FOR PLUMBING GENERAL NOTES AND CONTRACTORS NOTES.

PLUMBING NOTES:

- (P1) SWEEP ELBOW OR COMBINATION WITH 4" WASTE STACK, 4" COMBINATION (OR DOUBLE COMBINATION AS APPLICABLE) AND 4" WASTE ARM BRANCH UNDERSLAB TO CLOSET BEND AND CLOSET FLANGE. PROVIDE 4"x3" REDUCING BUSHING AND EXTEND 3" VENT UP IN CHASE TO FULL–SIZE HEADER.
- (P2) REDUCING COMBINATION WITH 3" WASTE STACK, 3" SANITARY CROSS (OR 3" SANITARY TEE), 3" DEEP–SEAL P–TRAP UNDERSLAB FOR FLOOR DRAIN CONNECTION. PROVIDE 3"x2" REDUCING BUSHING AND 2" VENT STACK IN WALL. EXTEND 2" VENT UP CHASE TO FULL–SIZE HEADER.
- (P3) REDUCING COMBINATION WITH 2" WASTE/VENT STACK IN WALL FOR LAVATORY/SINK/JANITOR SINK ROUGH–IN CONNECTION. EXTEND 2" VENT UP IN WALL TO FULL–SIZE HEADER.
- (P4) 1/2" TYPE "L" COPPER UNDERSLAB FROM "WATER–SAVER" TRAP PRIMING ASSEMBLY. EXTEND AND CONNECT TO FLOOR DRAIN (FD/TP). RE: DETAIL 'C', SHEET P4.1.
- (P5) VENT PIPING ABOVE CEILING, HIGH THROUGH STRUCTURE ABOVE; 2" UNLESS NOTED OTHERWISE.
- (P6) MODIFY EXISTING PLUMBING ROUGH–IN AS REQUIRED FOR FLOOR DRAIN, JANITOR SINK AND SINK.
- (P7) 3" DEEP–SEAL P–TRAP AND 3" STUB–UP FOR FLOOR DRAIN/MOP SINK CONNECTION.
- (P8) 4" SANITARY WASTE FROM ABOVE DOWN OFFSET ABOVE CEILING TO PLUMBING.
- (P9) EXTEND NEW SANITARY SEWER AND CONNECT TO EXISTING SANITARY SEWER. FIELD VERIFY EXACT SIZE, DEPTH, LOCATION, INVERT ELEVATION, ETC.
- (P10) EXTEND AND CONNECT TO NEAREST EXISTING SITE STORM DRAINAGE SYSTEM AS REQUIRED.
- (P11) SEE SHEET P1.1 FOR CONTINUATION.
- (P12) EXTEND NEW 2" VENT ABOVE CEILING AND CONNECT TO EXISTING VENT OF SUFFICIENT SIZE.
- (P13) MODIFY EXISTING SINK ROUGH–IN RETAINED FROM DEMOLITION AS REQUIRED FOR NEW SINK CONNECTION.
- (P14) 2" WASTE/VENT STACK IN WALL FOR DRINKING FOUNTAIN ROUGH–IN CONNECTION. OFFSET AND EXTEND SANITARY WASTE BRANCH THROUGH WALL FRAMING AND CONNECT TO EXISTING SANITARY WASTE STACK IN WALL. PROVIDE INSULATED 2" DEEP–SEAL P–TRAP WITH PROSET TRAP GUARD AND 2" OPEN–SITE DRAIN (OSD) WITH HUB AND ELONGATED FUNNEL IN VENT STACK ABOVE ACCESSIBLE CEILING FIELD VERIFY EXISTING CONDITIONS.
- (P15) INSPECT EXISTING PLUMBING FIXTURE FOR SERVICEABILITY; NOTIFY ARCHITECT IMMEDIATELY OF ANY UNPREDICTABILITY. CLEAN AND SERVICE EXISTING PLUMBING FIXTURE AT COMPLETION OF PROJECT.
- (P16) PROVIDE INSULATED 2" DEEP–SEAL P–TRAP WITH PROSET TRAP GUARD AND 2" OPEN–SITE DRAIN (OSD) WITH HUB FOR AIR HANDLER CONDENSATE TERMINATION. EXTEND 2" WASTE ARM AND CONNECT TO EXISTING WATER CLOSET VENT STACK; DETAIL 'D', SHEET P4.2. FIELD VERIFY EXISTING CONDITIONS.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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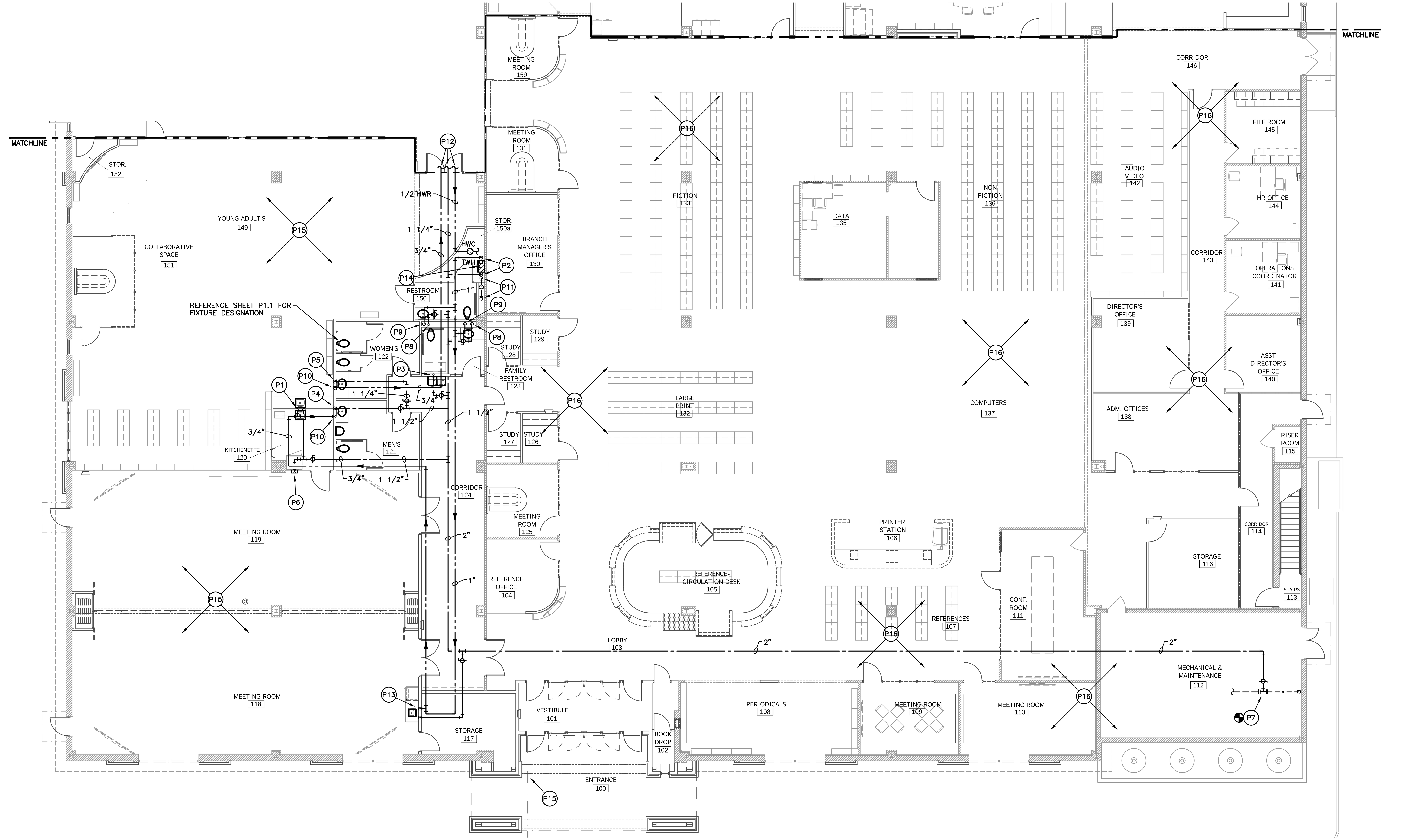
PARTIAL 1ST FLOOR PLAN - WASTE AND VENT



SEE SHEET P3.1 FOR PLUMBING GENERAL NOTES AND CONTRACTORS NOTES.

PARTIAL FIRST FLOOR PLAN – DOMESTIC WATER AND GAS

SCALE: 1/8" = 1'–0"

PLUMBING NOTES:

(P1) 1/2" HOT AND COLD WATER DOWN IN WALL. BRANCH, EXTEND AND CONNECT 1/2" HOT AND COLD WATER TO EACH SINK FAUCET THROUGH KEYED ANGLE–STOP SUPPLIES. PROVIDE POINT–OF–USE TEMPERING VALVE (TV); REFERENCE DETAIL "H", SHEET P4.1.

(P2) 1" HOT AND COLD WATER DOWN ALONG WALL TO FULL SIZE HEADER AT SEALED–COMBUSTION GAS–FIRED TANKLESS WATER HEATER (TWH–1) WITH FULL–PORT BALL SHUT–OFF VALVES AND UNIONS. BRANCH, EXTEND AND CONNECT 1" HOT WATER DISTRIBUTION PIPING AS INDICATED. ROUGH–IN, INSTALL AND CONNECT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND PIPING DIAGRAMS. FURNISH AND INSTALL "PRESSURE ONLY" RELIEF VALVE ON HOT WATER OUTLET. RE: DETAIL "G", SHEET P4.1.

(P3) 1/2" COLD WATER DOWN IN WALL. BRANCH, EXTEND AND CONNECT TO DRINKING FOUNTAIN/WATER COOLER THROUGH KEYED ANGLE–STOP SUPPLY.

(P4) 1 1/4" COLD WATER DOWN IN WALL TO FULL–SIZE HEADER. BRANCH, EXTEND THROUGH WALL FRAMING AND CONNECT 1/2" COLD WATER TO LAVATORY FAUCET THROUGH KEYED ANGLE–STOP SUPPLY, 3/4" COLD WATER TO URINAL FLUSH VALVE WITH INTEGRAL SERVICE STOP AND 1" COLD WATER TO WATER CLOSET FLUSH VALVE WITH INTEGRAL SERVICE STOP. PROVIDE WATER HAMMER AS REQUIRED.

(P5) 1 1/2" COLD WATER DOWN IN WALL TO FULL–SIZE HEADER. BRANCH, EXTEND AND CONNECT THROUGH WALL FRAMING AND CONNECT 1/2" COLD WATER TO LAVATORY FAUCET THROUGH KEYED ANGLE–STOP SUPPLY, AND 1" COLD WATER TO EACH WATER CLOSET FLUSH VALVE WITH INTEGRAL SERVICE STOP. PROVIDE WATER HAMMER AS REQUIRED.

(P6) 1/2" COLD WATER DOWN IN WALL; BRANCH, OFFSET THROUGH WALL FRAMING WITH RECESSED WALL BOX, 1/2"x 1/4" REDUCER, 1/4" FULL–PORT BALL VALVE AND TYPE "L" COPPER TUBING FOR REFRIGERATOR ICE MAKER. COORDINATE EXACT LOCATION AND ROUGH–IN REQUIREMENTS WITH VENDOR AND ARCHITECT PRIOR TO INSTALLATION. RECESSED WALL BOX SHALL BE EQUAL TO GUY GRAY 88164 304 STAINLESS STEEL WITH LEAD FREE QUARTER–TURN VALVE AND 1/2" MIP/SWEAT CONNECTION.

(P7) EXTEND NEW 2" DOMESTIC WATER OVERHEAD AND CONNECT TO EXISTING WATER MAIN. FIELD VERIFY EXISTING CONDITIONS.

(P8) 1 1/2" COLD WATER DOWN IN WALL TO FULL–SIZE HEADER. BRANCH, EXTEND THROUGH WALL FRAMING AND CONNECT 1/2" COLD WATER TO LAVATORY FAUCET THROUGH KEYED ANGLE–STOP SUPPLY, AND 1" COLD WATER TO WATER CLOSET FLUSH VALVE WITH INTEGRAL SERVICE STOP. PROVIDE WATER HAMMER AS REQUIRED.

(P9) PROVIDE POINT–OF–USE MIXING VALVE UNDER SINK; RE: DETAIL "H", SHEET P4.1.

(P10) 3/4" HOT WATER LOOP DOWN IN WALL TO WITH–IN 2'–0" OF LAVATORY FAUCET. BRANCH, EXTEND AND CONNECT 1/2" HOT WATER TO EACH LAVATORY FAUCET THROUGH KEYED ANGLE–STOP VALVE. EXTEND 3/4" HOT WATER LOOP UP IN WALL TO ABOVE CEILING.

(P11) GAS PIPING FROM ROOF, DOWN IN CHASE. BRANCH, OFFSET, DROP AND CONNECT TO WATER HEATER PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PIPING DIAGRAMS. PROVIDE GAS COCK, UNION, REDUCER, 12" LONG DRIP LEG AND CORRUGATED FLEXIBLE STAINLESS STEEL TUBING CONNECTOR WITH SWIVEL ENDS; BRANCH PIPE SIZE AS NOTED. PREP, PRIME AND PAINT TO MATCH WALL. COORDINATE EXACT PIPE DROP LOCATION WITH MANUFACTURER PRIOR TO MATERIAL ORDER, ROUGH–IN, AND CONNECTION.

(P12) SEE SHEET P1.4 FOR CONTINUATION.

(P13) 1/2" HOT AND COLD WATER DOWN IN WALL. BRANCH, EXTEND AND CONNECT TO SINK FAUCET THROUGH KEYED ANGLE–STOP SUPPLIES. PROVIDE POINT–OF–USE TEMPERING VALVE (TV); REFERENCE DETAIL "H", SHEET P4.1.

(P14) EXTEND ABS CONCENTRIC FLUE/VENT AND PIPING FROM TANKLESS WATER HEATER TO ABOVE CEILING; OFFSET AND EXTEND UP THROUGH WALL TO MANUFACTURERS APPROVED CONCENTRIC VENT HOOD.

(P15) MODIFY EXISTING WALL FAUCET IN THIS AREA AS REQUIRED TO FACILITATE NEW CONSTRUCTION.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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PROFESSIONAL ENGINEER

DRAWN BY:	JDK
CHK'D BY:	TGS
JOB #	1963
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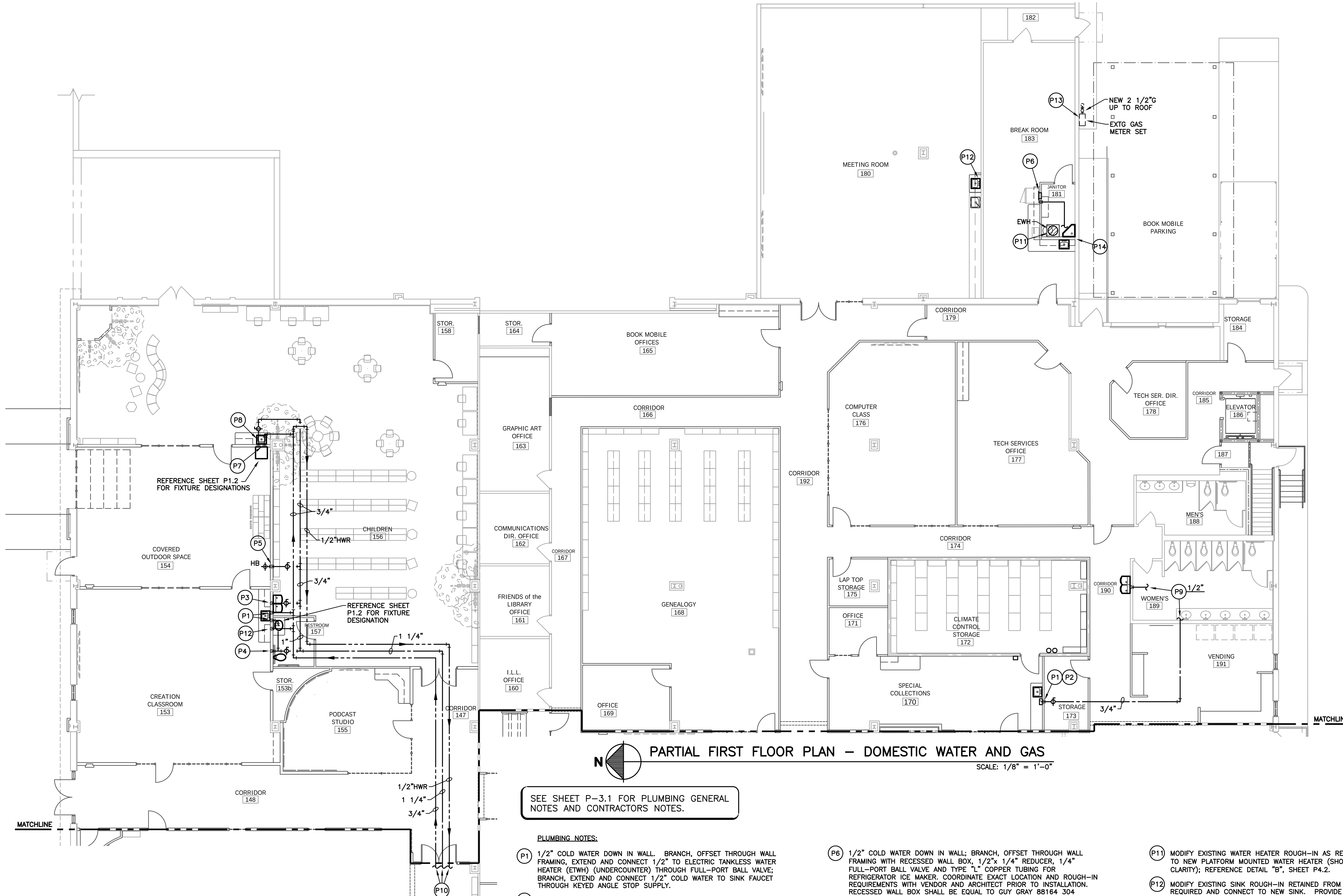
PARTIAL 1ST FLOOR PLAN - DOMESTIC WATER AND GAS

P1.3



PARTIAL FIRST FLOOR PLAN – DOMESTIC WATER AND GAS

SCALE: 1/8" = 1'-0"

SEE SHEET P-3.1 FOR PLUMBING GENERAL NOTES AND CONTRACTORS NOTES.

PLUMBING NOTES:

(P1) 1/2" COLD WATER DOWN IN WALL. BRANCH, OFFSET THROUGH WALL FRAMING, EXTEND AND CONNECT 1/2" TO ELECTRIC TANKLESS WATER HEATER (ETWH) (UNDERCOUNTER) THROUGH FULL-PORT BALL VALVE; BRANCH, EXTEND AND CONNECT 1/2" COLD WATER TO SINK FAUCET THROUGH KEYED ANGLE STOP SUPPLY.

(P2) BRANCH AND EXTEND 1/2" HOT WATER FROM UNDERCOUNTER ELECTRIC TANKLESS WATER HEATER (ETWH) AND CONNECT TO SINK FAUCET.

(P3) 1/2" COLD WATER DOWN IN WALL. BRANCH, EXTEND AND CONNECT TO DRINKING FOUNTAIN/WATER COOLER THROUGH KEYED ANGLE–STOP SUPPLY.

(P4) 1 1/2" COLD WATER DOWN IN WALL TO FULL–SIZE HEADER. BRANCH, EXTEND THROUGH WALL FRAMING AND CONNECT 1/2" COLD WATER TO LAVATORY FAUCET THROUGH KEYED ANGLE–STOP SUPPLY, AND 1" COLD WATER TO WATER CLOSET FLUSH VALVE WITH INTEGRAL SERVICE STOP. PROVIDE WATER HAMMER AS REQUIRED.

(P5) 3/4" COLD WATER DOWN IN INTERIOR FRAME WALL. BRANCH, OFFSET THROUGH WALL FRAMING AND CONNECT TO HOSE BIBB (HB).

(P6) 1/2" COLD WATER DOWN IN WALL; BRANCH, OFFSET THROUGH WALL FRAMING WITH RECESSED WALL BOX, 1/2"x 1/4" REDUCER, 1/4" FULL–PORT BALL VALVE AND TYPE "L" COPPER TUBING FOR REFRIGERATOR ICE MAKER. COORDINATE EXACT LOCATION AND ROUGH–IN REQUIREMENTS WITH VENDOR AND ARCHITECT PRIOR TO INSTALLATION. RECESSED WALL BOX SHALL BE EQUAL TO GUY GRAY 88164 304 STAINLESS STEEL WITH LEAD FREE QUARTER–TURN VALVE AND 1/2" MIP/SWEAT CONNECTION.

(P7) 1/2" HOT AND COLD WATER DOWN IN WALL. BRANCH, EXTEND AND CONNECT 1/2" HOT AND COLD WATER TO EACH LAVATORY/SINK FAUCET THROUGH KEYED ANGLE–STOP SUPPLIES.

(P8) PROVIDE POINT–OF–USE TEMPERING VALVE (TV); REFERENCE DETAIL "H", SHEET P4.1.

(P9) EXTEND NEW COLD WATER PIPING ABOVE CEILING AND CONNECT TO NEAREST EXISTING COLD WATER PIPING OF SUFFICIENT SIZE; NEW PIPING SIZES NOTED.

(P10) SEE SHEET P1.3 FOR CONTINUATION.

(P11) MODIFY EXISTING WATER HEATER ROUGH–IN AS REQUIRED AND CONNECT TO NEW PLATFORM MOUNTED WATER HEATER (SHOWN OFFSET FOR CLARITY); REFERENCE DETAIL "B", SHEET P4.2.

(P12) MODIFY EXISTING SINK ROUGH–IN RETAINED FROM DEMOLITION AS REQUIRED AND CONNECT TO NEW SINK. PROVIDE NEW KEY–ANGLE STOP VALVES. PROVIDE POINT–OF–USE TEMPERING VALVE (TV); REFERENCE DETAIL "H", SHEET P4.1.

(P13) PROVIDE NEW APPROPRIATELY SIZE GAS HEADER AT EXISTING GAS METER SET. FIELD VERIFY EXISTING CONDITIONS.

(P14) MODIFY EXISTING HOT AND COLD WATER ROUGH–INS RETAINED FROM DEMOLITION. BRANCH, EXTEND AND CONNECT 1/2" HOT AND COLD WATER TO MOP SINK FAUCET WITH INTEGRAL SERVICE STOPS ANN 1/2" HOT AND COLD WATER TO SINK FAUCET THROUGH KEYED ANGLE–STOP VALVES.

THE CONTRACTOR SHALL BE **REQUIRED** TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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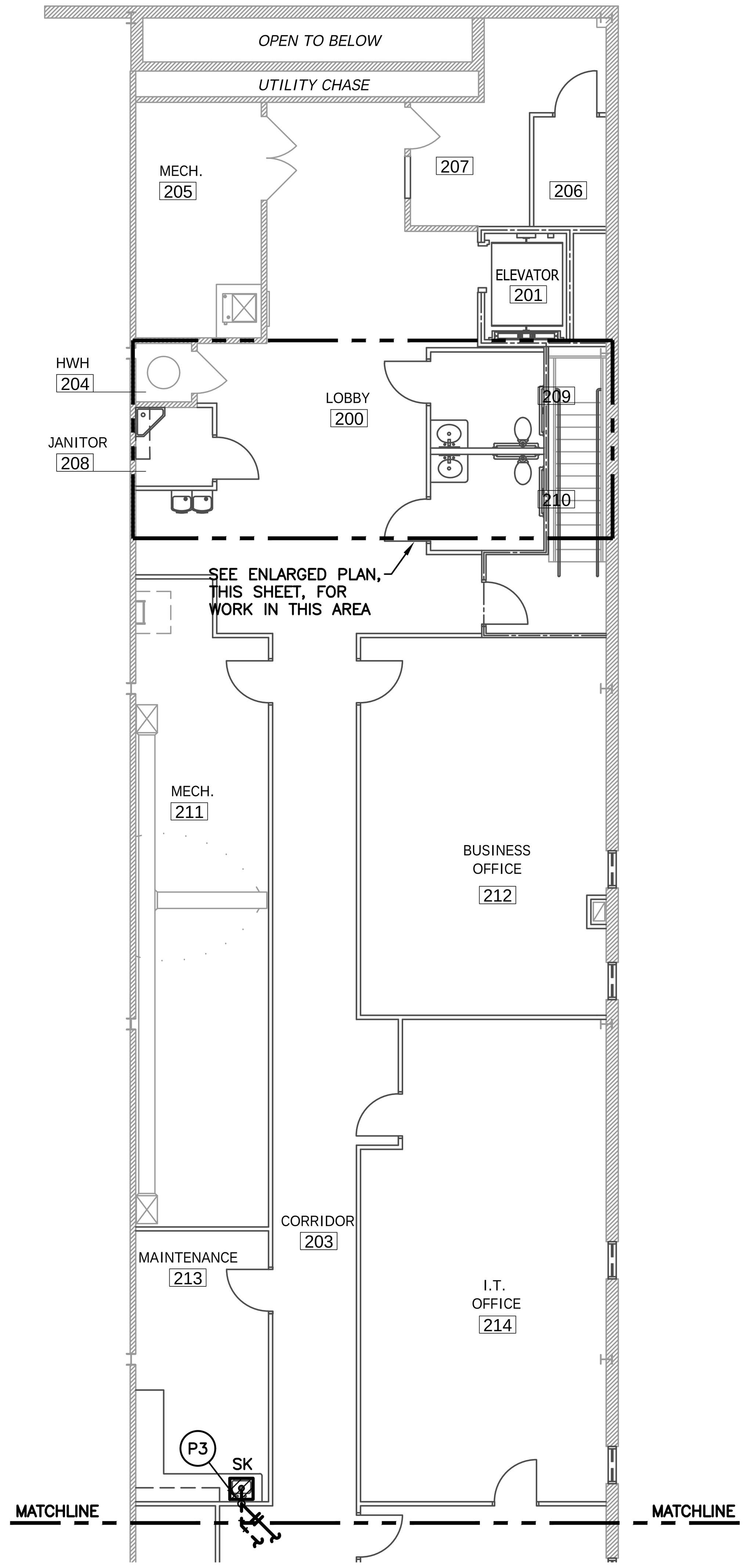
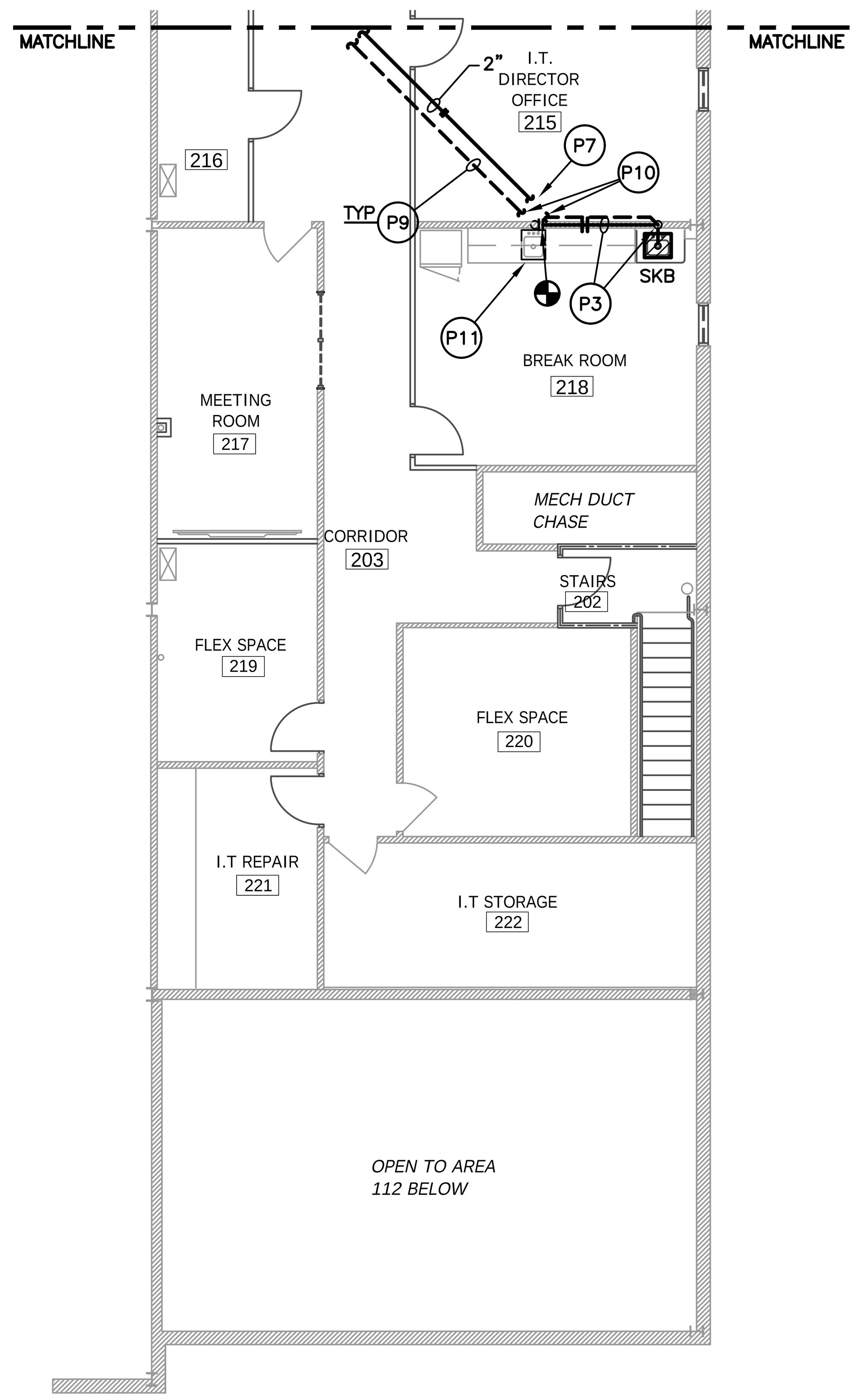
PARTIAL 1ST FLOOR PLAN - DOMESTIC WATER AND GAS

P1.4



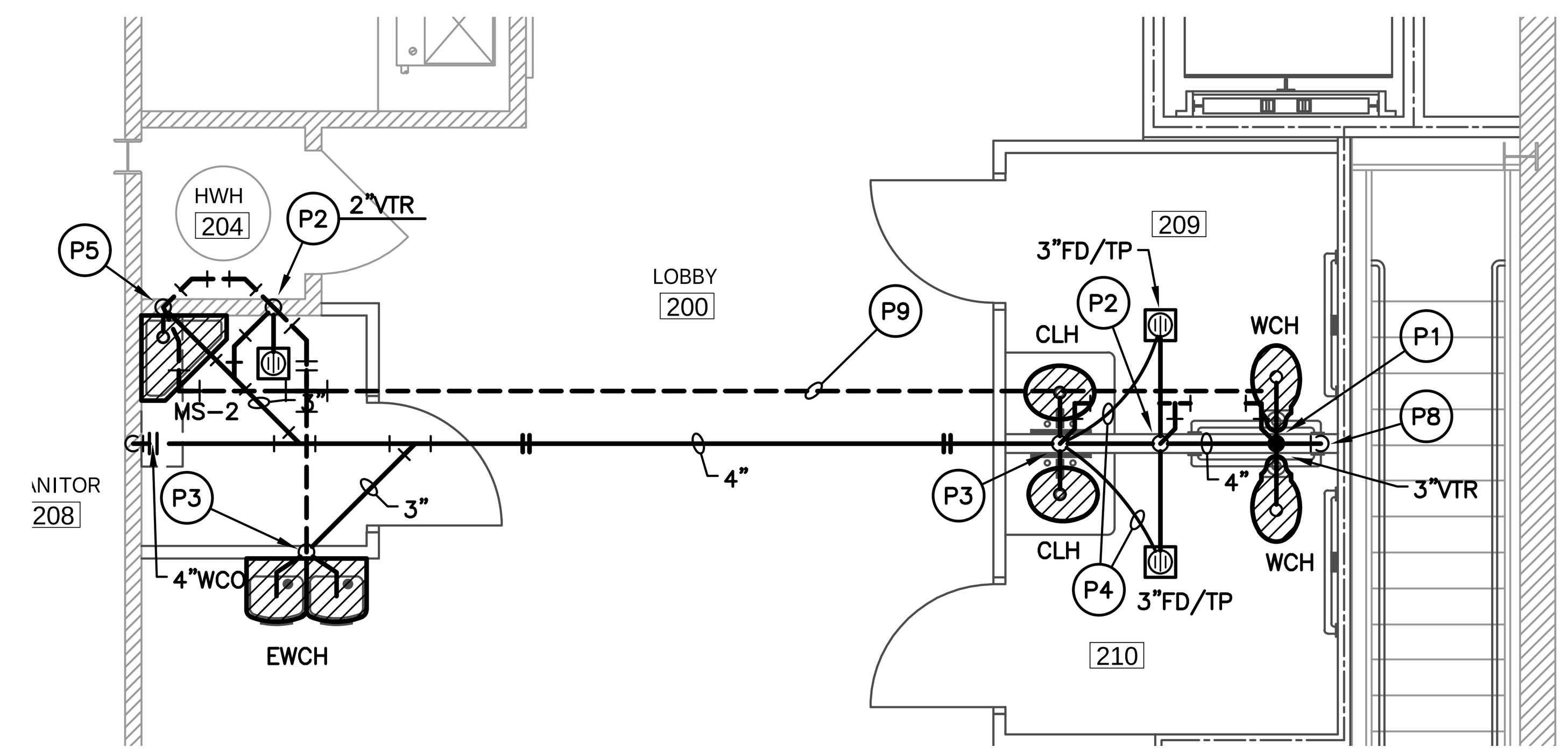
PARTIAL SECOND FLOOR PLAN – WASTE AND VENT

SCALE: 1/8" = 1'–0"



PARTIAL SECOND FLOOR PLAN – WASTE AND VENT

SCALE: 1/8" = 1'–0"



ENLARGED SECOND FLOOR PLAN – WASTE AND VENT

SCALE: 1/4" = 1'–0"

SEE SHEET P3.1 FOR PLUMBING GENERAL NOTES AND CONTRACTORS NOTES.

PLUMBING NOTES:

- (P1) SWEEP ELBOW OR COMBINATION WITH 4" WASTE STACK, 4" COMBINATION (OR DOUBLE COMBINATION AS APPLICABLE) AND 4" WASTE ARM BRANCH UNDER FLOOR TO CLOSET BEND AND CLOSET FLANGE. PROVIDE 4"x3" REDUCING BUSHING AND EXTEND 3" VENT UP IN WALL TO FULL–SIZE HEADER.
- (P2) REDUCING COMBINATION WITH 3" WASTE STACK, 3" SANITARY CROSS (OR 3" SANITARY TEE), 3" DEEP–SEAL P–TRAP UNDER FLOOR FOR FLOOR DRAIN CONNECTION. PROVIDE 3"x2" REDUCING BUSHING AND 2" VENT STACK IN WALL. EXTEND 2" VENT UP IN WALL TO FULL–SIZE HEADER.
- (P3) REDUCING COMBINATION WITH 2" WASTE/VENT STACK IN WALL FOR LAVATORY/SINK/WATER COOLER ROUGH–IN CONNECTION. EXTEND 2" VENT UP IN WALL TO FULL–SIZE HEADER.
- (P4) 1/2" TYPE "L" COPPER UNDER FLOOR FROM "WATER–SAVER" TRAP PRIMING ASSEMBLY. EXTEND AND CONNECT TO FLOOR DRAIN (FD/TP). RE: DETAIL 'C', SHEET P4.1.
- (P5) SWEEP ELBOW WITH 3" WASTE STACK, 3" SANITARY TEE, 3" DEEP–SEAL P–TRAP UNDER FLOOR AND 3" DRAIN STUB–UP FOR JANITOR/MOP SINK DRAIN CONNECTION. PROVIDE 3:"x2" REDUCING BUSHING AND 2" VENT STACK IN WALL TO ABOVE CEILING.
- (P6) 2" WASTE/VENT STACK IN WALL FOR SINK ROUGH–IN CONNECTION. EXTEND 2" SANITARY PIPING THROUGH WALL FRAMING AND CONNECT TO EXISTING WASTE/VENT STACK. FIELD VERIFY EXISTING CONDITIONS.
- (P7) EXTEND NEW 2" SANITARY WASTE AND CONNECT TO EXISTING SANITARY IN THIS AREA. FIELD VERIFY EXISTING CONDITIONS.
- (P8) 4" SANITARY WASTE DOWN IN CHASE TO FLOOR BELOW.
- (P9) VENT PIPING ABOVE CEILING, HIGH THROUGH STRUCTURE ABOVE; 2" UNLESS NOTED OTHERWISE.
- (P10) EXTEND 2" VENT ABOVE CEILING AND CONNECT TO EXISTING VENT PIPING OR VENT–THRU–ROOF.
- (P11) INSPECT EXISTING PLUMBING FIXTURE FOR SERVICEABILITY; NOTIFY ARCHITECT IMMEDIATELY OF ANY UNPREDICTABILITY. CLEAN AND SERVICE EXISTING PLUMBING FIXTURE AT COMPLETION OF PROJECT.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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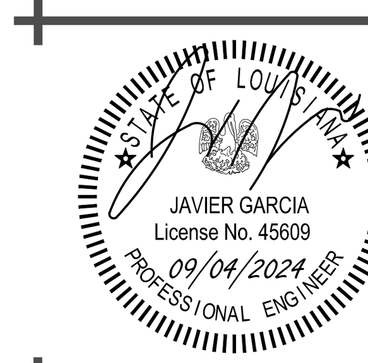

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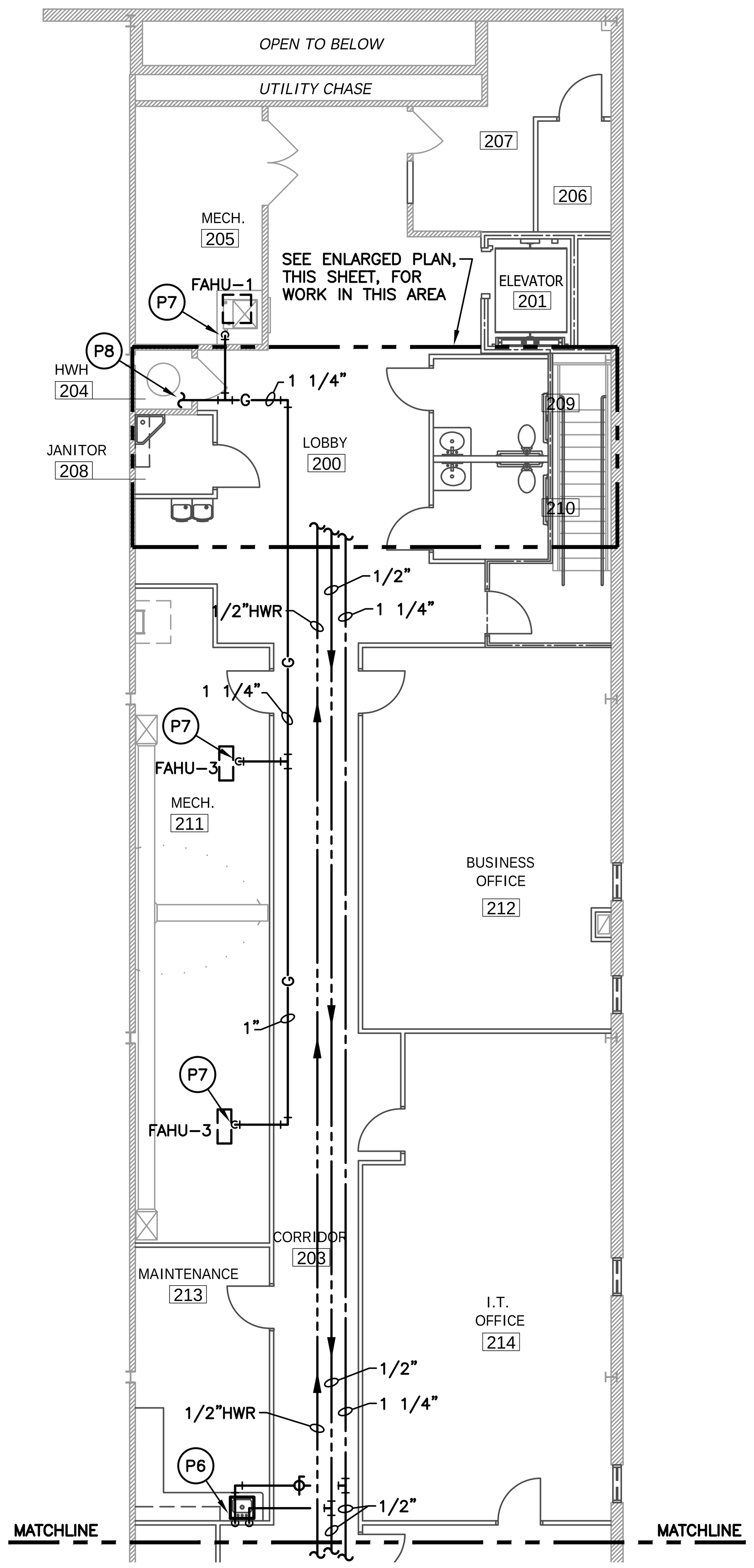
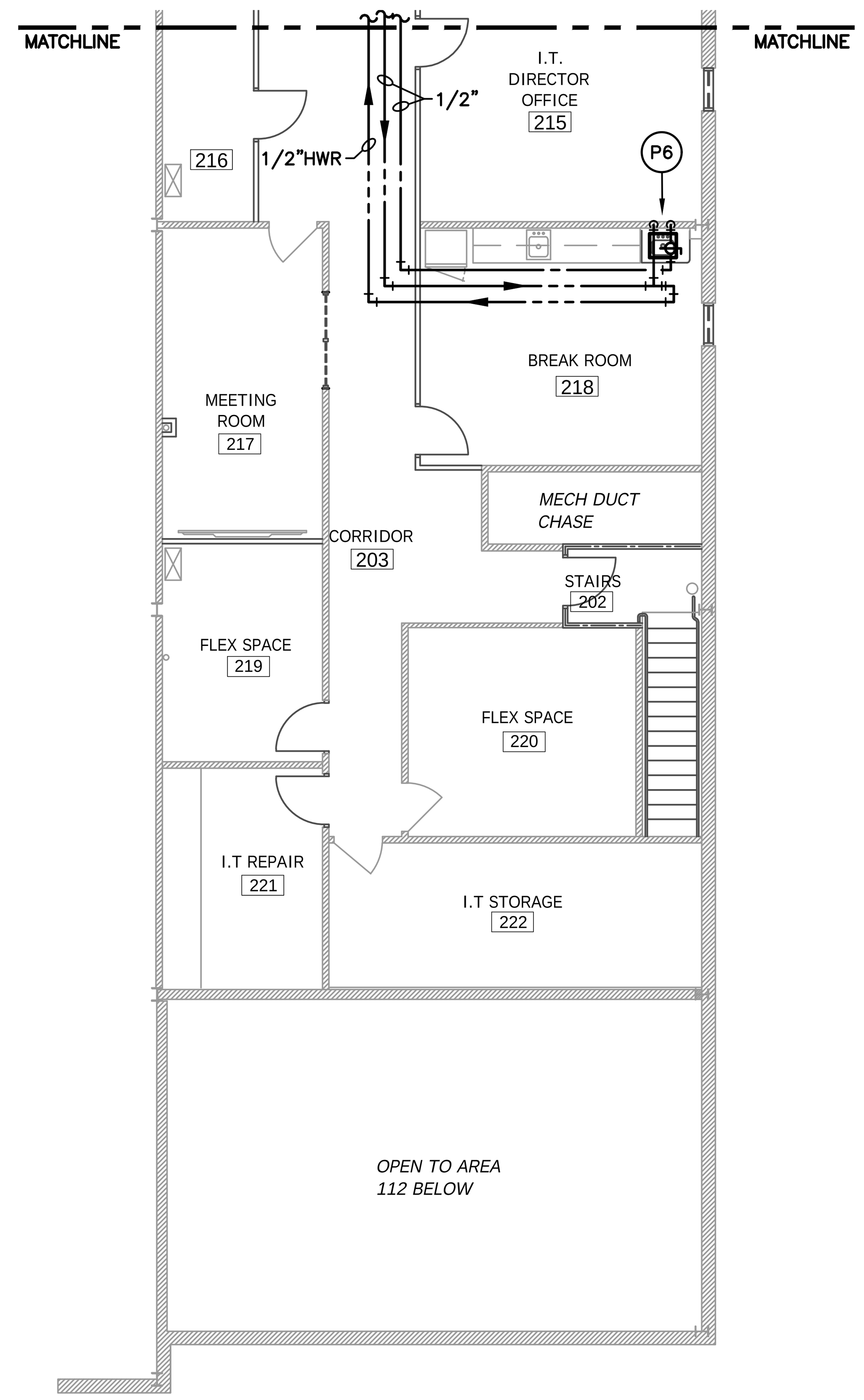
2ND FLOOR PLAN - WASTE AND VENT

P2.1



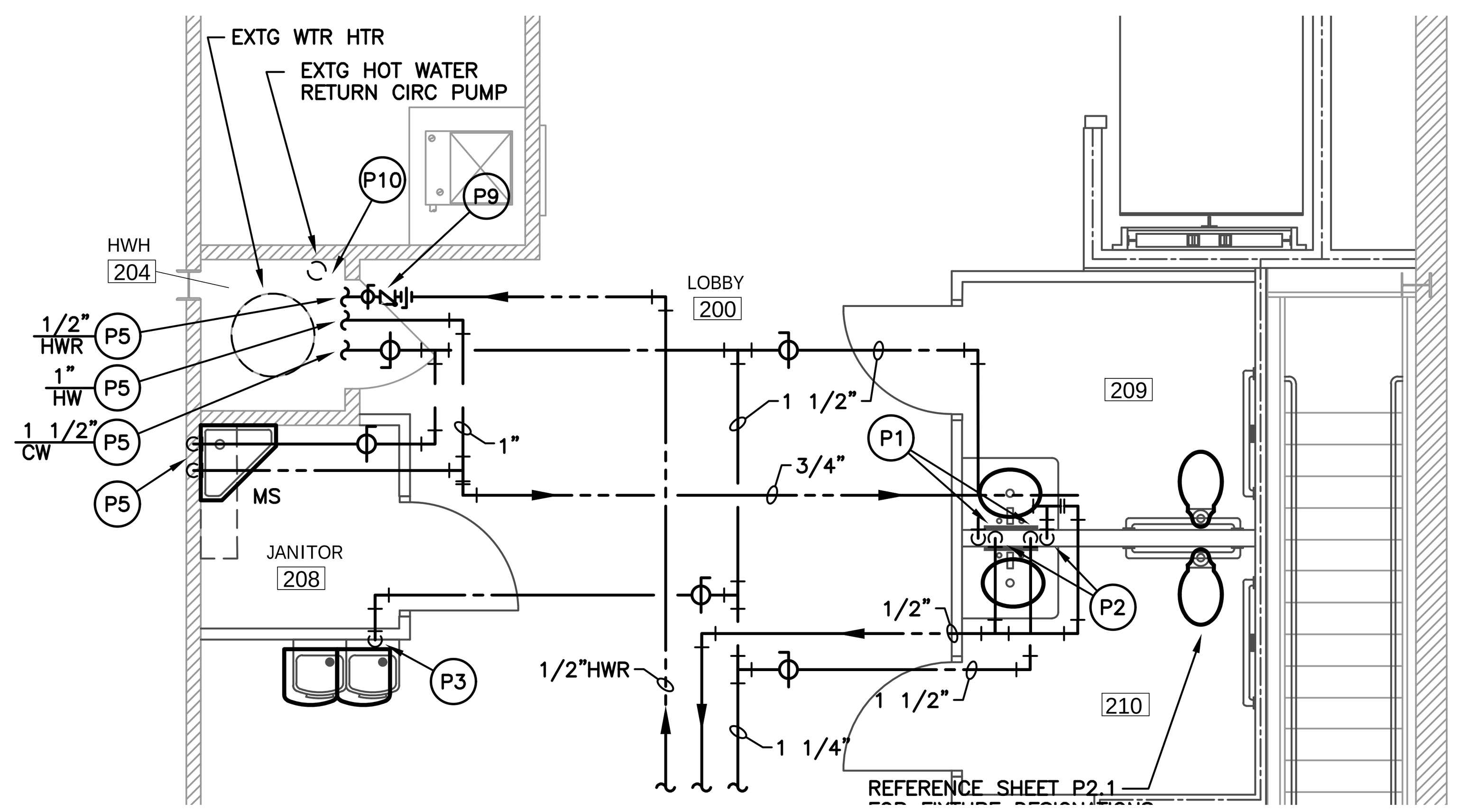
PARTIAL SECOND FLOOR PLAN – WATER AND GAS

SCALE: 1/8" = 1'-0"



PARTIAL SECOND FLOOR PLAN – WATER AND GAS

SCALE: 1/8" = 1'-0"



ENLARGED SECOND FLOOR PLAN – WATER AND GAS

SCALE: 1/4" = 1'-0"

SEE SHEET P3.1 FOR PLUMBING GENERAL NOTES AND CONTRACTORS NOTES.

PLUMBING NOTES:

(P1) 1 1/4" COLD WATER DOWN IN WALL TO FULL-SIZE HEADER. BRANCH, EXTEND THROUGH WALL FRAMING AND CONNECT 1/2" COLD WATER TO LAVATORY FAUCET THROUGH KEYED ANGLE-STOP SUPPLY, AND 1" COLD WATER TO WATER CLOSET FLUSH VALVE WITH INTEGRAL SERVICE STOP. PROVIDE WATER HAMMER AS REQUIRED.

(P2) 1/2" HOT WATER DOWN IN CHASE. BRANCH, OFFSET THROUGH WALL FRAMING, EXTEND AND CONNECT TO LAVATORY FAUCET THROUGH KEYED ANGLE-STOP SUPPLY. PROVIDE POINT-OF-USE TEMPERING VALVE (TV); REFERENCE DETAIL "H", SHEET P4.1.

(P3) 1/2" COLD WATER DOWN IN WALL. BRANCH, EXTEND AND CONNECT TO DRINKING FOUNTAIN/WATER COOLER THROUGH KEYED ANGLE-STOP SUPPLY.

(P4) 3/4" HOT AND COLD WATER DOWN IN WALL. BRANCH, OFFSET THROUGH WALL FRAMING, EXTEND AND CONNECT TO JANITOR/SERVICE SINK FAUCET WITH INTEGRAL SERVICE STOPS THROUGH 3/4" x 1/2" REDUCERS; BRANCH, OFFSET THROUGH WALL FRAMING, EXTEND AND CONNECT 1/2" HOT AND COLD WATER TO SINK FAUCET THROUGH KEYED ANGLE-STOP SUPPLIES.

(P5) EXTEND NEW DOMESTIC WATER PIPING ABOVE CONNECT TO EXISTING COLD WATER PIPING OF SUFFICIENT SIZE IN THIS AREA; NEW SIZE AND SERVICE AS NOTED.

(P6) 1/2" HOT AND COLD WATER DOWN IN WALL. BRANCH, EXTEND AND CONNECT TO SINK FAUCET THROUGH KEYED ANGLE-STOP SUPPLIES. PROVIDE POINT-OF-USE TEMPERING VALVE (TV); REFERENCE DETAIL "H", SHEET P4.1.

(P7) OFFSET, EXTEND AND CONNECT LOW PRESSURE (OUNCES) GAS BRANCH PIPING TO EQUIPMENT; PROVIDE FULL-PORT BALL VALVE, 12" LONG DRIP LEG WITH CAP, AND UNION PER DETAIL "E", SHEET P4.1, AND TRANSITION TO EPOXY-COATED CORRUGATED FLEXIBLE GAS TUBING FOR CONNECTION. PIPE SIZE AND CFH AS NOTED.

(P8) EXTEND NEW 1 1/4" GAS AND CONNECT TO EXISTING GAS PIPING IN THIS AREA. FIELD VERIFY EXISTING CONDITIONS.

(P9) PROVIDE FULL-PORT BALL VALVE, AUTO FLOW CONTROL VALVE, TO HYDRONICS CIRCUIT BALANCING VALVE WITH UNION ENDS. AND SWING CHECK VALVE IN HOT WATER RETURN SUB-LOOP, BALANCE TO 0.5 GPM UNLESS NOTED OTHERWISE.

(P10) PROVIDE FULL-PORT BALL VALVE, AUTO FLOW CONTROL VALVE, TO HYDRONICS CIRCUIT BALANCING VALVE WITH UNION ENDS. AND SWING CHECK VALVE IN EXISTING HOT WATER RETURN SUB-LOOP, BALANCE TO 0.25 GPM UNLESS NOTED OTHERWISE. FIELD VERIFY EXISTING CONDITIONS.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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JAVIER GARCIA
License No. 45609
09/04/2024
PROFESSIONAL ENGINEER

DRAWN BY:	JDK
CHK'D BY:	TGS
JOB #	1963
DATE:	08/2024

2ND FLOOR PLAN - DOMESTIC WATER AND GAS

P2.2

PLUMBING FIXTURE SCHEDULE

FIXTURE DESIGNATION	FIXTURE TYPE	MANUFACTURER /MODEL	CONNECTIONS SUPPLY	CONNECTIONS WASTE	ELEC. DATA	DESCRIPTION	ACCESSORIES
WC	FLOOR-MOUNTED FLUSH VALVE WATER CLOSET	AMERICAN STANDARD MADERA FLOWISE 3043	1"CW	4"	--	VITREOUS CHINA, FLUSH VALVE, STANDARD RIM HEIGHT (15"), FLOOR MOUNTED, 1 1/2" TOP SPUD, 1.28 GALLONS PER FLUSH, ELONGATED BOWL, SIPHON JET, 12" ROUGH-IN, FULLY GLAZED TRAP-WAY	CHURCH 295SSCT HEAVY DUTY, WHITE, OPEN-FRONT ELONGATED SEAT WITH SELF-SUSTAINING STAINLESS STEEL CHECK HINGE; SLOAN ROYAL SMO-111-1.28, EXPOSED, SENSOR OPERATED WATER CLOSET FLUSH VALVE, POLISHED CHROME ANGLE-STOP, VACUUM BREAKER ELECTRONIC OVERRIDE; WHITE SNAP-ON BOLT CAPS
WCH	ACCESSIBLE FLOOR-MOUNTED FLUSH VALVE WATER CLOSET	AMERICAN STANDARD MADERA FLOWISE 3043	1"CW	4"	--	VITREOUS CHINA, FLUSH VALVE, STANDARD RIM HEIGHT (15"), FLOOR MOUNTED, 1 1/2" TOP SPUD, 1.28 GALLONS PER FLUSH, ELONGATED BOWL, SIPHON JET, 12" ROUGH-IN, FULLY GLAZED TRAP-WAY	CHURCH 295SSCT HEAVY DUTY, WHITE, OPEN-FRONT ELONGATED SEAT WITH SELF-SUSTAINING STAINLESS STEEL CHECK HINGE; SLOAN ROYAL SMO-111-1.28, EXPOSED, SENSOR OPERATED WATER CLOSET FLUSH VALVE, POLISHED CHROME ANGLE-STOP, VACUUM BREAKER ELECTRONIC OVERRIDE; WHITE SNAP-ON BOLT CAPS
URH	ACCESSIBLE WALL-HUNG URINAL	AMERICAN STANDARD ALLBROOK FLOWISE 6550	3/4"CW	2"	--	VITREOUS CHINA, WALL-HUNG, REAR OUTLET, 0.5 GALLONS PER FLUSH, 3/4" TOP SPUD, SIPHON JET, FLUSHING RIM; MOUNT AT ADA ACCESSIBLE HEIGHT (REFER: ARCHITECTURAL INTERIOR ELEVATIONS)	ZURN Z1222 URINAL CARRIER WITH ADJUSTABLE BEARING PLATES; RECTANGULAR TUBING UPRIGHTS; WELDED BASE FEET; BOLT CAPS; SLOAN-186 SMO-0.5-OR SENSOR OPERATED URINAL FLUSH VALVE, 0.5 GALLONS PER FLUSH, POLISHED CHROME, VACUUM BREAKER, ANGLE-STOP WITH COVER, ELECTRONIC OVERRIDE
CLH	ACCESSIBLE UNDERCOUNTER MOUNTED LAVATORY	AMERICAN STANDARD STUDIO 0618.000	1/2"CW 1/2"HW	2"	--	21 1/8" x 14" x 6" DEEP RECTANGLE, UNDERCOUNTER MOUNT, VITREOUS CHINA, FRONT OVERFLOW, UNGLAZED RIM, WHITE, ADA ACCESSIBLE HEIGHT; MOUNTING KIT, TRUEBRO MOLDED WASTE AND SUPPLY COVERS; COORDINATE CUT OUT AND FAUCET HOLE LOCATION WITH MILLWORK SUPPLIER	DELTA FAUCETS 590-PALGHDF; ELECTRONIC PROXIMITY SENSING TECHNOLOGY; DECK MOUNT, SINGLE HOLE, (4) 'C' BATTERIES, SURFACE MOUNT CONTROL BOX, VANDAL RESISTANT; 0.5 GALLONS PER MINUTE LAMINAR FLOW OUTLET; LEONARD MODEL 170-LF THERMOSTATIC MIXING VALVE; OPEN GRID STRAINER WITH TAIL PIECE; P-TRAP WITH CLEAN OUT FITTING
SK	ACCESSIBLE SELF-RIMMING COUNTER SINK	ELKAY LRADQ211965	1/2"CW 1/2"HW	1 1/2"	--	21" x 19" x 6 1/2" DEEP, SINGLE COMPARTMENT, 18 GAUGE, TYPE 302 STAINLESS STEEL, SELF-RIMMING DROP-IN, FULLY COATED UNDERSIDE, THREE (3) FAUCET HOLE DRILLING, SATIN FINISH, QUICK-CLIP ATTACHMENT	ELKAY LKD2432BH FAUCET WITH 4" WRIST BLADE HANDLES AND HI-ARC GOOSENECK SPOUT; KEYED ANGLE-STOP SUPPLIES WITH FLEXIBLE RISERS; LKAD-35 OFFSET DRAIN WITH DUO STRAINER; 17 GAUGE C.P.B. P-TRAP WITH CLEANOUT; WHITE ADA INSULATION KIT
SKB	BREAKROOM COUNTER SINK	ELKAY DLR-2522-12	1/2"CW 1/2"HW	1 1/2"	--	22" x 19" TYPE 302 STAINLESS STEEL, 18 GAUGE SINGLE COMPARTMENT SINK, COATED UNDERSIDE, FOUR (4) HOLE DRILLING.	LK2433BH TRIM WITH HIGH-ARC GOOSENECK, SPRAY AND 4" WRIST BLADES, LK-35 DRAIN, KEYED ANGLE STOPS, FLEXIBLE RISERS, AND C.P.B. P-TRAP.
MS	TERRAZZO BASIN MOP SINK	FIAT TSB3010	1/2"CW 1/2"HW	3"	--	24" x 24" x 12" DEEP WITH STAINLESS STEEL CAP ON THRESHOLD, 6" DROP FRONT, MSG STAINLESS STEEL WALL GUARDS	KOHLER K-8907 SERVICE SINK FAUCET WITH VACUUM BREAKER, LOOSE KEY STOPS, ADJUSTABLE WALL BRACE, PAIL HOOK, HOT AND COLD LEVER HANDLES ON 8" CENTERS; 3/4" HOSE THREAD ON SPOUT; STAINLESS STEEL STRAINER, 3" OUTLET CONNECTION
JS	JANITORS SINK	FIAT SF-1-F TUF-TUB LAUNDRY TUB	1/2'	1/2"	1 1/2"	20" X 23 7/8" X 33 11/16" MODELED FINE CELLED, STRUCTURAL POLYMER, INTEFRALLY MOLDED DRAIN WITH PLATIC STOPPER AND TAIL PIECE NUT, 20 GALLON CAPACITY, 4" LEDGE WITH (2) MOLDED SOAP DISHES, 1" HOLES FOR 4" ON DECK FAUSET	A1 FAUCET, PROVIDE DRAIN ASSEMPLY, C.P.B. P-TRAP AND ANGLE-STOP SUPPLIES WITH FLEXIBLE RISERS
HB	INTERIOR BOXED HOSE BIBB	WOODFORD MODEL B74	3/4"CW	--	--	ANTI-SIPHON CLOSE-COUPLED WALL BOX HYDRANT, NIDEL 34HF VACUUM BREAKER, FLAT DOOR WITH POLISHED CHROME FINISH, 3/4" HOSE THREAD NOZZLE, LOOSE "TEE" KEY, FLUSH WALL BOX	
EWCH	WALL-HUNG BI-LEVEL ACCESSIBLE WATER COOLER	ELKAY LMABFTLBWSSK	1/2"CW	1 1/2"	120V	ALL 304L STAINLESS STEEL VANDAL-RESISTANT BI-LEVEL WALL-HUNG ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION AND FILTER, FRONT AND SIDE PUSH-BUTTON ACTIVATION, 8.0 GPH, 370 WATTS, 120V; MOUNT AT ADA ACCESSIBLE HEIGHT PER ARCHITECTURAL INTERIOR ELEVATIONS	VANDAL-RESISTANT BUBBLER; EZH20 ELECTRONIC BOTTLE FILLER STATION; LKAPREZL APRON; WADE CHAIR CARRIER WITH WALL BRACKET; KEYED ANGLE-STOP SUPPLY; 17 GAUGE C.P.B. P-TRAP WITH CLEANOUT. PROVIDE (6) SIX SPARE FILTERS
FD	FLOOR DRAIN	ZURN ZN415-BZ1	--	--	--	CAST IRON FLOOR DRAIN; TWO PIECE BODY; DRAINAGE FLANGE, WEEPHOLES, ADJUSTABLE NICKEL BRONZE STRAINER AND VANDAL PROOF TOP ASSEMBLY, 6" TOP, TRAP SEAL DEVICE	
TP	TRAP PRIMER	ZURN Z1021	--	--	--	WATER SAVER LAVATORY/SINK TRAP PRIMER SET WITH C.P.B. P-TRAP, NICKEL BRONZE STRAINER AND VANDAL PROOF HARDWARE	
TG	TRAP GUARD	PROSET	--	--	--	ELASTOMERIC, NORMALLY CLOSED DROP-IN DEVICE TO PREVENT EVAPORATION OF THE TRAP SEAL; OPENS WITH FLUID; SIZE AS APPILICABLE PER PLANS.	
TMV	POINT-OF-USE MIXING VALVE	SYMMONS MODEL 5-110-CK-X	--	--	--	MIXING VALVE FOR SINGLE FIXTURES, 0.5 GPM, MINIMUM FLOW, ALL BRONZE REMOVABLE PISTON AND THERMAL MOTOR, ROUGH BRONZE FINISH WITH COMPRESSION 3/8" INLETS AND OUTLET.	1/2" x 3/8" REDUCERS AND UNION ADAPTORS. PROVIDE AT ALL SINKS AND LAVATORIES.
* HWC	HOT WATER CIRCULATOR	GRUNDFOS UP15-55 SFC	HW	--	115/1ø	CENTRIFUGAL IN-LINE PUMP, ALL BRONZE, 87 W, 5 GPM AT 14 FT. HD, FLANGED 3/4" CONNECTIONS	PROVIDE INTERMATIC 7-DAY PROGRAMMABLE TIME CLOCK FOR PUMP ON-OFF SCHEDULE.
* TWH	COMMERCIAL GAS TANKLESS WATER HEATER	NAVIEN NPE-240A2	HW/CW	--	120/1ø	INDOOR/OUTDOOR WALL-HUNG HIGH EFFICIENCY CONDENSING TANKLESS WATER HEATER, LOW NOx EMISSIONS, 199,900 BTUH, NATURAL GAS 0.95 UEF, MAXIMUM 11.2 GPM FLOW RATE, BUILT-IN DISPLAY CONTROL PANEL	PROVIDE ASME T&P RELIEF VALVE WITH 80 PSI SETPOINT, EXPANSION TANK, NEUTRALIZER KIT, ISOLATION VALVE KIT. PROVIDE INTAKE AND VENT PIPING PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
* WH*	COMMERCIAL ELECTRIC WATER HEATER	A.O. SMITH DURA-POWER DEL-30	HW/CW		208/1ø	30 GALLON SHORT MODEL, 3.0KW DUAL ELEMENT, SIMULTANEOUS OPERATION, 208V/1Ø, 24 GPH RECOVERY AT 100°F RISE	PROVIDE ASME T&P RELIEF VALVE WITH 80 PSI SETPOINT, EXPANSION TANK, AND HEAT TRAP AS REQUIRED
* ETWH	ELECTRIC TANKLESS WATER HEATER	EEMAX LAVADVANTAGE SPEX3208T	HW/CW		208/1ø	ABS-UL 94 5VA RATED COVER, 0.2 GPM TURN ON, REPLACEABLE CARTRIDGE ELEMENT, REPLACEABLE FILTER AT INLET, 3/8" COMPRESSION FITTINGS, MAXIMUM 150 PSI.	

* THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT VOLTAGE & PHASE OF EACH AND EVERY EQUIPMENT ITEM WITH THE ELECTRICAL CONTRACTOR, PRIOR TO ORDER.
LOCATE TRIP LEVER ON WIDE (APPROACH) SIDE OF ROOM/STALL. COORDINATE WITH ARCHITECTURAL PLANS.
SIZE AS NOTED ON PLANS.

ACCEPTABLE MANUFACTURERS:

WATER CLOSETS, LAVATORIES – KOHLER, AMERICAN STANDARD, ZURN, SLOAN.

CARRIERS – JAY R. SMITH, ZURN, WATTS, JOSAM, WADE, MIFAB.

COUNTER SINKS – ELKAY, KOHLER, AMERICAN STANDARD, JUST.

LAVATORY/SINK ACCESSORIES (EXCLUDING FAUCETS) – MCGUIRE, MAINLINE, KOHLER, AMERICAN STANDARD, ZURN, DEARBORN, BRASSCRAFT.

FAUCETS AND TRIM – CHICAGO, KOHLER, AMERICAN STANDARD, ELKAY, ZURN, T & S BRASS, SPEAKMAN, MOEN, DELTA COMMERCIAL [CAST BRASS BODY].

FLOOR DRAINS, FLOOR SINKS, CLEANOUTS – WADE, JOSAM, JAY R. SMITH, ZURN, MIFAB, WATTS.

P-TRAP & SUPPLY STOP INSULATION KITS – TRUEBRO, PLUMBEREX.

WATER HEATER – TAKAGI, NAVIEN, RINNAI.

GAS EQUIPMENT LOAD BREAKDOWN

EQUIPMENT	CONNECTED GAS LOAD (CFH)
TANKLESS WATER HEATER	199
RTU-1	108
RTU-2	130
RTU-3	260
RTU-4	53
TOTAL	750 CFH
ESTIMATED DISTANCE	324 FEET
DESIGNED LOAD	935 CFH @ 350 FEET

CONTRACTOR NOTES:

1. THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.
2. EXISTING PLANS ARE NOT AVAILABLE. EXISTING SANITARY SEWER ARE ASSUMED LOCATIONS BASED ON FIELD OBSERVATIONS. CONTRACTOR SHALL SAWCUT, BREAKOUT AND REMOVE EXISTING CONCRETE SLAB AND EXCAVATE AS REQUIRED TO VERIFY EXACT SIZE, LOCATION, INVERT ELEVATION, ETC. PRIOR TO WORK OF ANY KIND. NOTIFY ARCHITECT/ENGINEER IMMEDIATELY OF SIGNIFICANT DISCREPANCIES DETRIMENTAL TO SCOPE OF WORK.
3. EXISTING PIPING UNDERSLAB MAY BE REUSED IN PLACE AS APPLICABLE AND WHERE FEASIBLE TO DO SO.

MISCELLANEOUS

SYMBOL	DESCRIPTION
———	NEW CONSTRUCTION
– – – –	EXISTING
–x–x–x–	EXISTING TO BE REMOVED
DETAIL NUMBER / SHEET NUMBER	DETAIL DESIGNATION
RISER NUMBER / SHEET NUMBER	RISER DESIGNATION (RISERS ON SEPARATE SHEET)
(X) RISER NUMBER	RISER DESIGNATION (RISERS ON SAME SHEET)

* NOTE – SOME SYMBOLS MAY NOT BE USED.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
	SANITARY SEWER OR WASTE (SS OR W)
– – – –	SANITARY VENT (V)
	DOMESTIC COLD WATER (CW)
	DOMESTIC HOT WATER (HW)
	DOMESTIC HOT WATER RETURN (HWR)
— MPG —	MEDIUM PRESSURE GAS (1 P.S.I.G. OR GREATER)
— G —	LOW PRESSURE GAS (LESS THAN 1 P.S.I.G.)
— D —	DRAIN PIPE (TYPE "L" HARD COPPER)
	CLEANOUT (CO)
	DOUBLE CLEANOUT (DCO)
	WALL CLEANOUT (WCO)
	FULL PORT BALL VALVE
	GATE VALVE
	LUBRICATED GAS COCK
	UNION
	WALL FAUCET (WF) OR HOSE BIBB (HB)
U/G	UNDERGROUND
U/S	UNDERSLAB
U/F	UNDERFLOOR
U/C	UNDERCOUNTER
VTR	VENT THRU ROOF/VENT TERMINAL
AFF	ABOVE FINISHED FLOOR
FD(/TP)	FLOOR DRAIN (WITH TRAP PRIMER)
FD(/TG)	FLOOR DRAIN (WITH PROSET TRAP GUARD)
FS(/TG)	FLOOR SINK (WITH PROSET TRAP GUARD)
— MPG —	MEDIUM PRESSURE GAS (1 PSI OR GREATER)
— G —	LOW PRESSURE GAS (LESS THAN 1 PSI)
FFCO	FINISHED FLOOR CLEANOUT
TWH	TANKLESS WATER HEATER

NOTE: NOT ALL SYMBOLS ARE USED.

GENERAL PLUMBING DEMOLITION NOTES:

1. CAP ANY EXISTING PLUMBING PIPING NO LONGER IN USE – IN A CONCEALED LOCATION WHERE POSSIBLE – AND ABANDON. DISCONNECT ANY DOMESTIC WATER BRANCH LINES NOT LONGER IN USE AT NEAREST MAIN STILL IN USE, AND CAP. DO NOT LEAVE ANY DEAD LEGS.
2. ALL EXISTING PLUMBING PIPING AND FIXTURES NOT DESIGNATED FOR REMOVAL SHALL REMAIN IN PLACE. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY PIPING/FIXTURES TO REMAIN THAT ARE DAMAGED IN ANY WAY DURING DEMOLITION PHASE.

GENERAL PLUMBING NOTES:

1. CONTRACTOR SHALL COORDINATE EXACT PLUMBING FIXTURE TYPE, MOUNTING HEIGHT, ETC, WITH ARCHITECT AND OWNER PRIOR TO ORDER, ROUGH-IN AND INSTALLATION.
2. ALL PENETRATIONS THRU FIRE WALLS AND FIRE PARTITIONS SHALL BE FIRE-STOPPED AS SPECIFIED AND AS SET FORTH IN UL FIRE RESISTANCE DIRECTORY, VOLUMES I AND II, LATEST EDITION.
3. COORDINATE INSTALLATION OF PLUMBING FIXTURE CARRIERS WITH GENERAL CONTRACTOR. BLOCK-OUT STUDS AND/OR CMU BLOCKS WHERE REQUIRED TO CLEAR CARRIER RISERS, FLOOR SUPPORTS AND ARMS. PROVIDE SUPPORT BLOCKING SPANNING WALL FRAMING IN WALLS FOR ANCHORING CARRIERS AS REQUIRED.
4. CONTRACTOR SHALL COORDINATE EXACT PLUMBING FIXTURE TYPE, MOUNTING HEIGHT, ETC, WITH ARCHITECT AND OWNER PRIOR TO ORDER, ROUGH-IN AND INSTALLATION.
5. CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, DEPTH, LOCATION, INVERT ELEVATION, ETC, OF EXISTING UTILITIES PRIOR TO PLUMBING WORK OF ANY KIND. NOTIFY ARCHITECT OF ANY CONFLICTS IMMEDIATELY.
6. SAWCUT/CORE DRILL EXISTING SLAB AS REQUIRED TO INSTALL NEW PLUMBING PIPING UNDERSLAB AND PATCH TO MATCH EXISTING. PRIOR TO ANY SAWCUTTING/CORE DRILLING, CONTRACTOR SHALL FIELD VERIFY WHETHER EXISTING SLAB IS 2-WAY/POST-TENSION. IF EXISTING SLAB IS POST TENSION, THEN CONTACT ARCHITECT IMMEDIATELY AND DO NOT PERFORM ANY SAWCUTTING/CORE DRILLING PRIOR TO CONSULTING WITH A STRUCTURAL ENGINEER.
7. UNDER SLAB PIPING AND PLUMBING FIXTURE ROUGH-IN INDICATED IS BASED ON INFORMATION AVAILABLE AT TIME OF DESIGN. COORDINATE EXACT LAYOUT AND ROUGH-IN REQUIREMENTS WITH APPROVED ARCHITECTURAL PLANS AND WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION OF PIPING AND SLAB POUR.
8. ALL WASTE PIPING MAINS UNDERSLAB SHALL BE 3" MINIMUM, SLOPED AT 1/8" PER FOOT. PROVIDE 3" x 2" LONG SWEEP REDUCING ELBOWS AND 3" x 3" x 2" COMBINATIONS AT 2" WASTE/VENT STACKS FOR LAVATORIES/SINKS.
9. COORDINATE EXACT STACK AND LEADER LOCATIONS WITH FOOTINGS, COLUMNS AND STRUCTURAL FRAMING. RE: STRUCTURAL PLANS.
10. COORDINATE EXACT LAYOUT AND ROUGH-IN REQUIREMENTS WITH APPROVED ARCHITECTURAL PLANS AND WITH ARCHTECT AND OWNER PRIOR TO INSTALLATION OF PIPING AND SLAB POUR.
11. TRIP LEVERS FOR ACCESSIBLE WATER CLOSETS SHALL BE INSTALLED ON THE WIDE SIDE OF EACH TOILET ROOM/STALL PER ADA REQUIREMENTS.
12. NEW VTRs SHALL BE LOCATED A MINIMUM OF 15' FROM ALL HVAC OUTSIDE AIR INTAKES. OUTSIDE AIR INTAKES OF NEW HVAC EQUIP SHALL NOT BE INSTALLED CLOSER THAN 10' FROM EXISTING VTRs STILL IN USE.
13. CONFIRM EXACT LOCATION OF ALL REQUIRED ACCESS PANELS AND ACCESS DOORS WITH ARCHITECT PRIOR TO INSTALLATION.
14. SLEEVE ALL CONCEALED GAS PIPING ROUTED INSIDE BUILDING (INSIDE WALLS/CHASES, ETC) IN STRICT ACCORDANCE WITH ALL LOCAL AND STATE BUILDING/PLUMBING CODES.
15. CONTRACTOR SHALL PROVIDE GAS BRANCH PIPING WITH GAS COCK, DRIP LEG, UNION, REDUCER, EPOXY-COATED CORRUGATED STAINLESS STEEL FLEXIBLE CONNECTOR WITH SWIVEL ENDS AND CONNECT TO EQUIPMENT.
16. ALL LAVATORIES AND SINKS SHALL BE PROVIDED WITH HOT WATER SUPPLY TEMPERATURE CONTROL THERMOSTATIC MIXING VALVES WHETHER INDICATED/NOTED ON PLAN OR NOT. PROVIDE MIXING VALVE "MV" WITH 1/2" HOT AND COLD WATER SUPPLY BRANCH PIPING FOR INDIVIDUAL FIXTURES AND MIXING VALVE "MVA" WITH 3/4" HOT AND COLD WATER SUPPLY BRANCH PIPING FOR GROUPED FIXTURES AS SPECIFIED. PROVIDE FULL-PORT BALL SHUT-OFF VALVES AT INLETS.
17. PROVIDE CODE-COMPLIANT VENTED SLEEVE FOR ALL NEW GAS PIPING ROUTED UNDER CONCRETE FLOOR SLABS AND INSTALLED IN "CONCEALED" LOCATIONS.
18. SLEEVE AND VENT ALL CONCEALED GAS PIPING ROUTED INSIDE BUILDING (INSIDE WALLS/CHASES, ETC) IN STRICT ACCORDANCE WITH ALL LOCAL AND STATE BUILDING/PLUMBING CODES.
19. ALL EXPOSED GAS (INTERIOR AND EXTERIOR SHALL BE PAINTED AFTER CLEANING WITH A WIRE BRUSH AND SOLVENT. PRIME AND PAINT AS SPECIFIED. PIPING EXPOSED TO NORMAL VIEW SHALL BE PAINTED TO MATCH ADJACENT BUILDING FINISHES AND/OR STRUCTURE AS DIRECTED BY ARCHITECT.
20. ALL PIPING SHALL BE CONCEALED ABOVE ACCESSIBLE CEILING AND IN WALLS UNLESS INDICATED OTHERWISE. EXPOSED PIPING SHALL BE INSTALLED PARALLEL TO ALL BUILDING LINES AND SHALL BE SECURED IN PLACE WITH 2-HOLE PIPE STRAPS (COPPER FOR COPPER TUBING AND PIPING). PAINT EXPOSED PIPING, HANGERS, ETC AS DIRECTED BY ARCHITECT AND OWNER MATCHING ADJACENT FINISHES.
21. AUTOMATIC SPRINKLER SYSTEM MODIFICATIONS SHALL BE IN STRICT ACCORDANCE WITH ALL REQUIREMENTS OF NFPA 13 AND 101.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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TEXAS Registered Engineering Firm #F-893

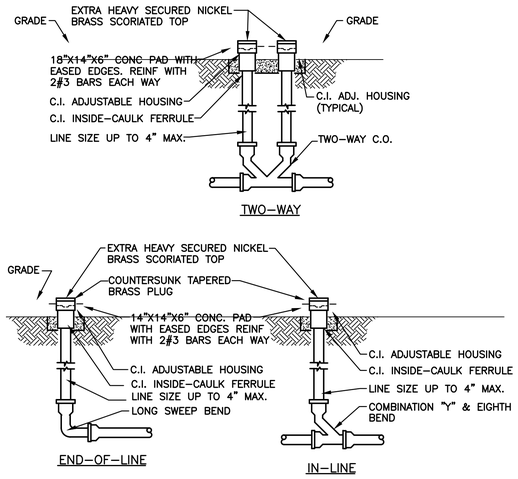
SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM. 5-163-1808-001

STATE OF LOUISIANA
JAVIER GARCIA
License No. 45609
09/04/2024
PROFESSIONAL ENGINEER

DRAWN BY: JDK
CHK'D BY: TGS
JOB # 1963
DATE: 08/2024

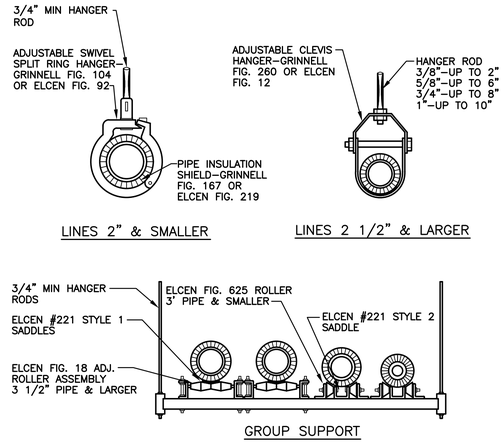
PLUMBING
SCHEDULES AND
GENERAL NOTES

P3.1



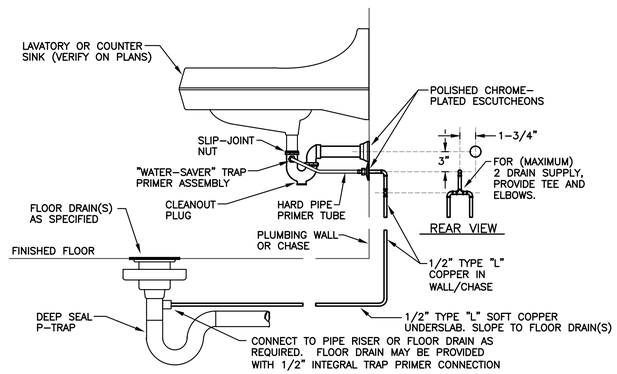
A DETAIL – EXTERIOR CLEANOUTS

NO SCALE



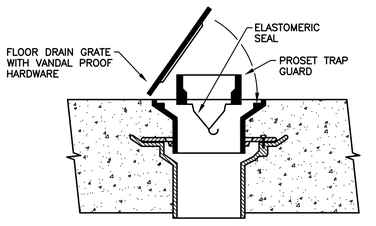
B DETAIL – PIPE SUPPORTS

NO SCALE



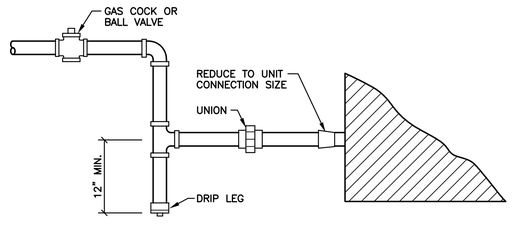
C DETAIL – "WATER-SAVER" TRAP PRIMER ASSEMBLY

NO SCALE



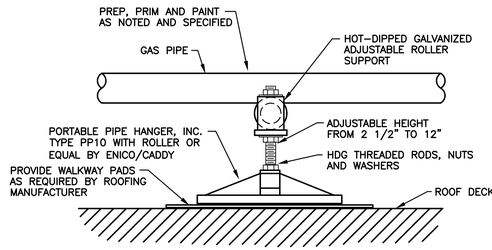
D DETAIL – TRAP GUARD

NO SCALE



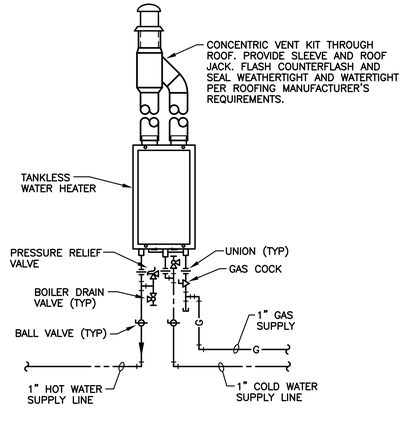
E DETAIL – GAS CONNECTION

NO SCALE



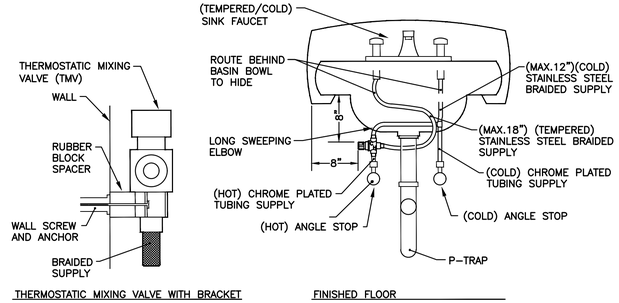
F DETAIL – GAS PIPE SUPPORT ON ROOF

NO SCALE



G DETAIL – GAS-FIRED TANKLESS WATER HEATER

NO SCALE

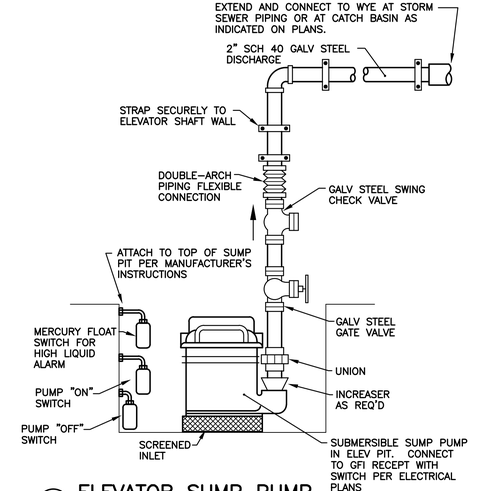


NOTES:

1. THERMOSTATIC MIXING VALVE MUST HAVE BRACKET FOR MOUNTING TO WALL.
2. PROVIDE RUBBER SPACER BETWEEN WALL AND TMV. WALL ANCHOR SYSTEM MUST BE USED.
3. STAINLESS STEEL SUPPLY LINES MUST BE KEPT TO MINIMUM LENGTH.

H DETAIL – TEMPERED & COLD SUPPLY LAVATORY

NO SCALE



J ELEVATOR SUMP PUMP

NO SCALE

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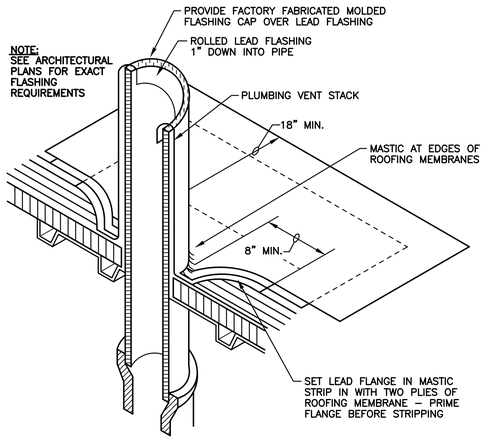
License No. 45609
09/04/2024
PROFESSIONAL ENGINEER

DRAWN BY: JDK
CHK'D BY: TGS
JOB # 1963
DATE: 08/2024

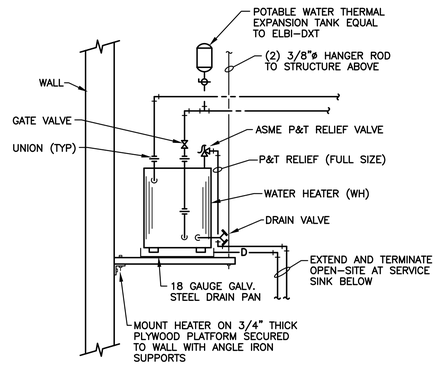
PLUMBING DETAILS

P4.1



A DETAIL – ROOF VENT PIPE

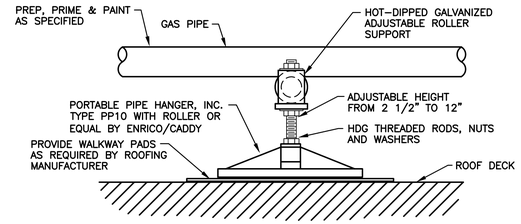
NO SCALE



B DETAIL – PLATFORM MOUNTED WATER HEATER

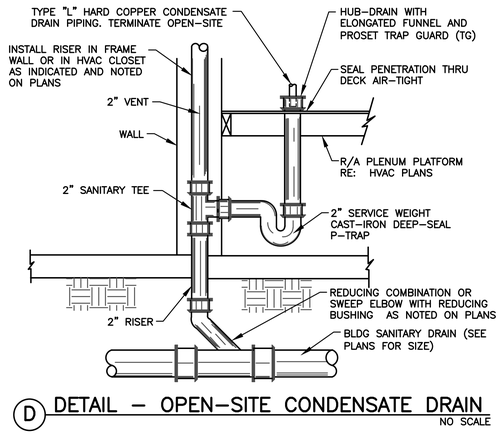
NO SCALE

NOTE: PROVIDE INVERTED U–LOOP HEAT TRAP FOR INLET/OUTLET PIPING.



C DETAIL – GAS PIPE SUPPORT ON ROOF

NO SCALE



D DETAIL – OPEN–SITE CONDENSATE DRAIN

NO SCALE

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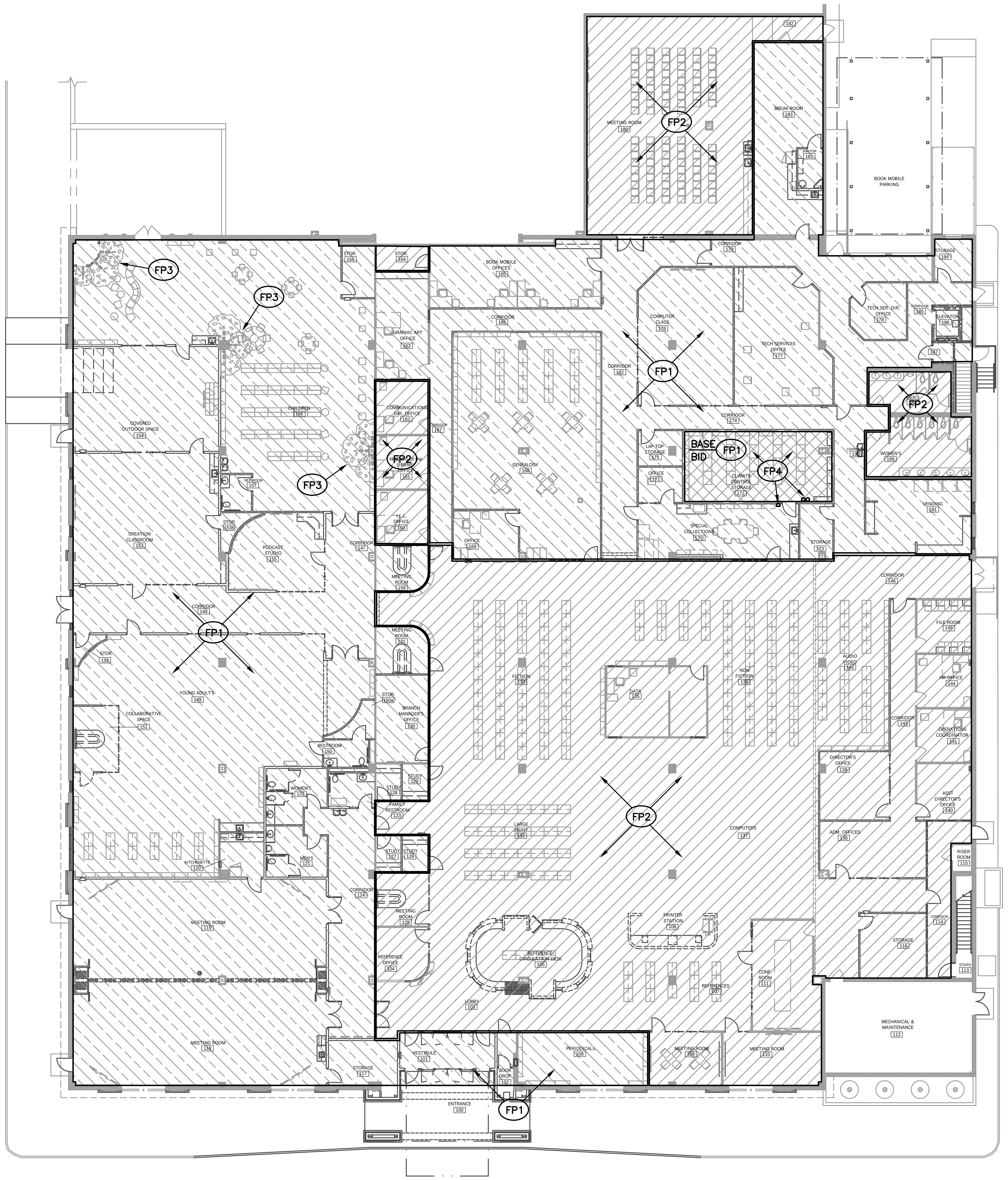
PLUMBING DETAILS AND RISERS

P4.2

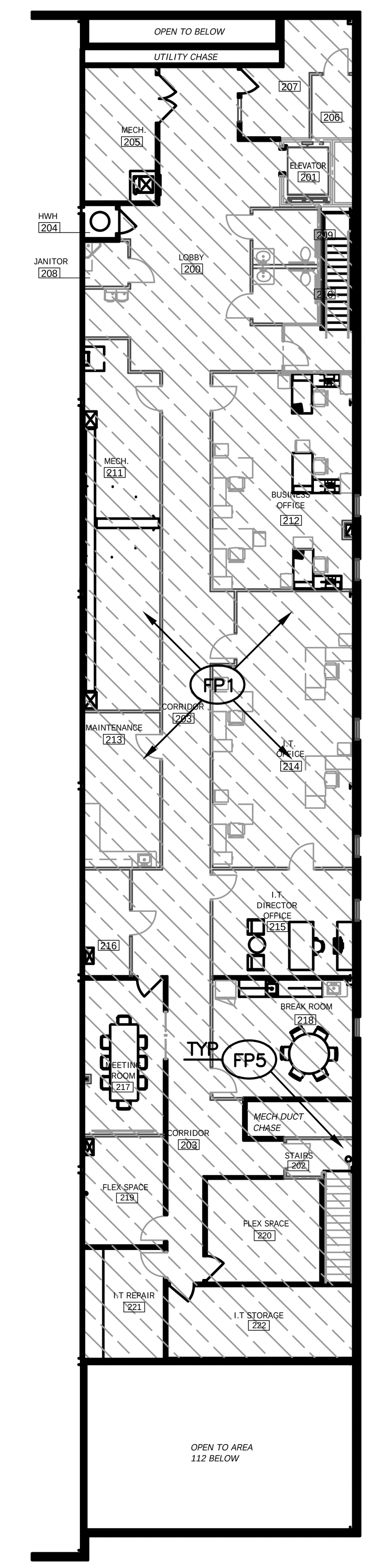
SEE SHEET P3.1 FOR PLUMBING GENERAL NOTES AND CONTRACTORS NOTES.



N

FIRST FLOOR PLAN – FIRE PROTECTION

SCALE: 1/16" = 1'–0"



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SECOND FLOOR PLAN – FIRE PROTECTION

SCALE: 1/16" = 1'–0"

FIRE PROTECTION NOTES:

FP1 CONTRACTOR SHALL MODIFY EXISTING SPRINKLER SYSTEM PIPING AND HEADS IN STRICT ACCORDANCE WITH NFPA 13, NFPA 101, AND REQUIREMENTS OF STATE FIRE MARSHAL, CITY OF MONROE FIRE PREVENTION BUREAU, AND INSURANCE CARRIER AS REQUIRED TO: FACILITATE SCOPE OF RENOVATION. RE: ARCHITECTURAL PLANS. MODIFICATION SHALL INCLUDE, BUT NOT BE LIMITED TO, EXTENSION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF EXISTING PIPING AND HEADS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO WORK. ALL SPRINKLER HEADS SHALL BE NEW, LOCATED IN THE CENTER OF EACH CEILING TILE AND SHALL BE WHITE POLYESTER–COATED SEMI–RECESSED TYPE WITH WHITE ESCUTCHEONS IN ALL WHITE GRID CEILING SYSTEMS. SPRINKLER HEADS SHALL BE SEMI–RECESSED BRASS WITH ESCUTCHEON PLATES FIELD PAINTED TO MATCH CEILING FINISH AS DIRECTED BY ARCHITECT IN ALL NOTED CEILING AREAS. COORDINATE WITH ARCHITECT PRIOR TO MATERIAL ORDER, ROUGH–IN, INSTALLATION AND CONNECTION. ALL PIPING, SPRINKLER HEADS, AND ACCESSORIES SHALL BE RELOCATED AS REQUIRED TO FACILITATE NEW HVAC WORK (RE: SHEET M1.1), AND NEW WORK OF OTHER TRADES. SUBMIT SHOP DRAWINGS, REVIEW FEE, REVIEW APPLICATION, AND HYDRAULIC CALCULATIONS TO LOCAL FIRE DEPARTMENT HAVING JURISDICTION AND ENGINEER. ALL NEW SPRINKLER HEADS SHALL BE SEMI–RECESSED EQUAL TO TYCO TYP–L.

FP2 UNDER ALTERNATE BID, MODIFY/REPLACE EXISTING SEMI–RECESSED SPRINKLER HEADS IN EXISTING CEILING THAT IS TO REMAIN WITH CHROME–PLATED SURFACE MOUNT SPRINKLER HEADS EQUAL TO TYCO TYP–L.

FP3 CONTRACTOR SHALL PROVIDE SPRINKLER SYSTEM PIPING AND HEADS FOR TREE CANOPY IN STRICT ACCORDANCE WITH NFPA 13, NFPA 101, AND REQUIREMENTS OF STATE FIRE MARSHAL, CITY OF MONROE FIRE PREVENTION BUREAU, AND INSURANCE CARRIER AS REQUIRED.

FP4 UNDER ADD ALTERNATE PROVIDE THE FOLLOWING FOR ROOM 172 (REFERENCE ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ADD ALATERNATES):

A. PROVIDE A COMPLETE NORVEC 1320 FIRE SUPPRESSION SYSTEM FOR ROOM 209. NORVEC 1320 FIRE SUPPRESSION SYSTEM LAYOUT INDICATED ON THESE DOCUMENTS IN IS PRELIMINARY. FINAL SYSTEM DESIGN, LAYOUT, SHALL BE PROVIDED BY FIRE SPRINKLER CONTRACTOR IN ACCORDANCE WITH NFPA 2001 AND NFPA 75 RE: SPECIFICATIONS. COORDINATE EXACT EQUIPMENT LAYOUT, CLEARANCES AND ALL OTHER REQUIREMENTS W/ ARCH AND OWNER PRIOR TO INSTALLATION. REFERENCE SECTION 212200 FOR ADDITIONAL INFORMATION.
B. CLEAN AGENT SUPPRESSION SYSTEM SHALL UTILIZE A CLEAN AGENT WITH AN OZONE DEPLETION POTENTIAL OF ZERO (OPD = 0) AND AT TOTAL GLOBAL WARMING POTENTIAL OF ONE OR LESS (GWP <= 1). ACCEPTABLE AGENTS: NORVEC 1320.
C. PROVIDE A/V HORN/STROBE OUTSIDE OF SERVER ROOM ENTRANCE DOORS TO PROVIDE OCCUPANT NOTIFICATION OF CLEAN AGENT SYSTEM OPERATION.
D. PROVIDE COMPLETE INTERFACE BETWEEN CLEAN AGENT SYSTEM AND BUILDING FIRE ALARM SYSTEMS. ACTIVATION OD SYSTEM SHALL NOTIFY FIRE ALARM SYSTEM.

FP5 CONTRACTOR SHALL RAISE EXISTING FIRE SPRINKLER MAIN TO 6'–8" ABOVE FINISH FLOOR TO BOTTOM OF PIPE. FILED VERIFY EXISTING CONDITIONS.

BASE BID
SEE NOTE FP1
29,200 SQUARE FEET

ALTERNATE
SEE NOTE FP2
16,600 SQUARE FEET

BASE BID
SEE NOTE FP1
ALTERNATE: CLEAN AGENT
SEE NOTE FP3
531 SQUARE FEET

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SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM. 5-163-1808-001

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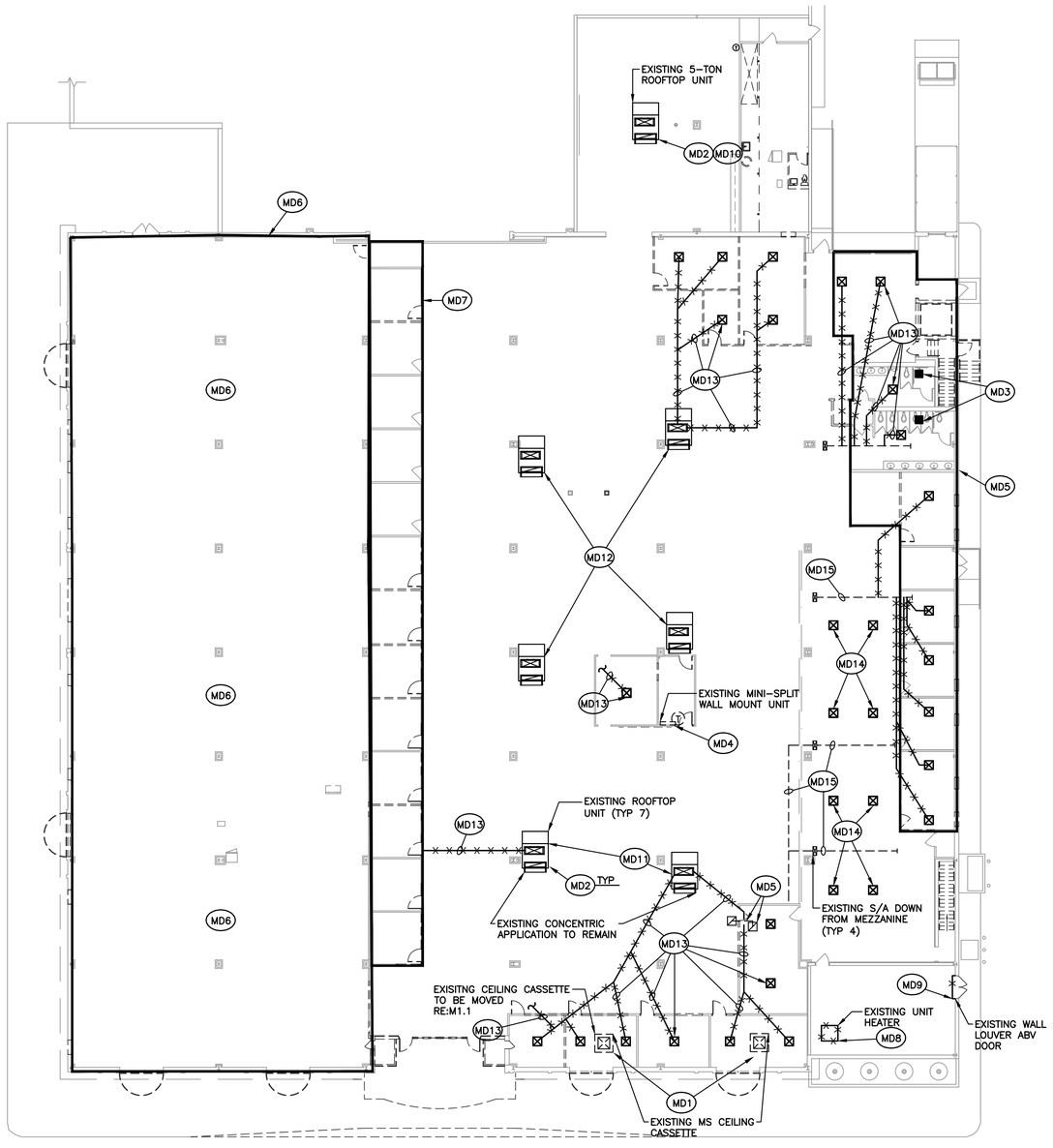
FIRST FLOOR PLAN - FIRE PROTECTION

FP1.1



N

FIRST FLOOR PLAN DEMOLITION – HVAC

SCALE: 1/16" = 1'-0"

MECHANICAL DEMOLITION NOTES:

– – – – EXISTING TO REMAIN.
–X–X–X– EXISTING TO BE REMOVED.

MD1 EXISTING MINI-SPLIT CEILING CASSETTE AND ASSOCIATED HEAT PUMP (ON ROOF), PIPING, CONTROLS, AND POWER TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

MD2 EXISTING ROOFTOP UNIT, PIPING, CONTROLS, AND POWER TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

MD3 DISCONNECT, REMOVE, AND DISCARD EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK AND EXHAUST LOUVER. PATCH WALL AS DIRECTED BY THE ARCHITECT.

MD4 EXISTING MINI SPLIT AND ASSOCIATED HEAT PUMP, PIPING, CONTROLS, AND POWER TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

MD5 EXISTING TRANSFER DUCT AND AIR DEVICES TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

MD6 DISCONNECT, REMOVE, AND DISCARD EXISTING ALL HVAC EQUIPMENT AND ASSOCIATED DUCTWORK, PIPING, POWER, CONTROLS, AND AIR DEVICES IN THIS AREA.

MD7 DISCONNECT, REMOVE, AND DISCARD DUCTWORK AND AIR DEVICES SERVING THESE OFFICES.

MD8 DISCONNECT, REMOVE, AND DISCARD EXISTING UNIT HEATER AND ASSOCIATED PIPING, AIR DEVICES, DUCT, AND CONTROLS AND POWER.

MD9 DISCONNECT, DISCARD, AND REMOVE EXISTING OUTSIDE AIR WALL LOUVER ABOVE DOOR. PATCH WALL AS DIRECTED BY ARCHITECT.

MD10 DISCONNECT, REMOVE, AND DISCARD SUPPLY AND RETURN AIR DUCTWORK AND AIR DEVICES ASSOCIATED WITH EXISTING RTU.

MD11 EXISTING CONCENTRIC DIFFUSER SYSTEM TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

MD12 DISCONNECT, REMOVE, AND DISCARD EXISTING CONCENTRIC DIFFUSER SYSTEM AND ANY SUPPLY DUCTWORK AND AIR DEVICES SERVED BY UNIT.

MD13 DISCONNECT, REMOVE, AND DISCARD EXISTING SUPPLY AIR DUCTWORK AND ASSOCIATED AIR DEVICES.

M14 DISCONNECT, REMOVE, AND DISCARD EXISTING AIR DEVICE AND ASSOCIATED BRANCH DUCT BACK TO SUPPLY TRUNK. CAP AND SEAL UNUSED OPENING IN TRUNK DUCT.

MD15 EXISTING SUPPLY AIR TRUNK DUCT TO REMAIN. PATCH AND SEAL ANY UNUSED OPENINGS IN DUCT.

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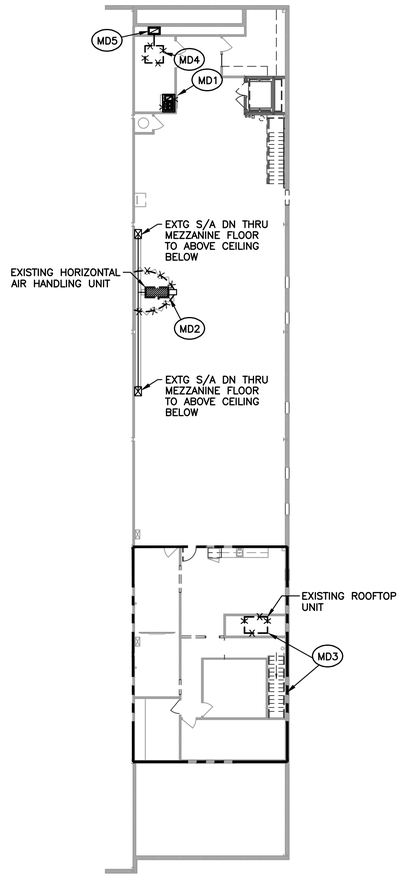
1ST FLOOR PLAN
DEMOLITION - HVAC

MD1.1



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SECOND FLOOR PLAN DEMOLITION – HVAC

SCALE: 1/16" = 1'-0"

MECHANICAL DEMOLITION NOTES:

– – – – EXISTING TO REMAIN.
-x-x-x- EXISTING TO BE REMOVED.

MD1 DISCONNECT, REMOVE, AND DISCARD EXISTING AIR HANDLING UNIT AND ASSOCIATED CONDENSING UNIT, PIPING, DUCTWORK, AIR DEVICES, CONTROLS, AND POWER. PATCH WALLS, ROOF, ETC AFFECTED BY DEMOLITION. RETURN PLENUM TO REMAIN. PROTECT PLENUM DURING DEMOLITION AND NEW CONSTRUCTION.

MD2 EXISTING HORIZONTAL AIR HANDLING UNIT AND ASSOCIATED CONDENSING UNIT, PIPING, SUPPLY AIR DUCTWORK, RETURN PLENUM, CONTROLS, AND POWER TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION. DISCONNECT AND REMOVE ASSOCIATED RETURN AIR DUCTWORK AND AIR DEVICES CONNECTED TO EXISTING RETURN PLENUM AND OUTSIDE AIR DUCTWORK. PATCH WALL AS DIRECTED BY ARCHITECT.

MD3 DISCONNECT, REMOVE, AND DISCARD EXISTING ROOFTOP UNIT, PIPING, AIR DEVICES, DUCTWORK, CONTROLS, AND POWER. RETAIN ROOF CURB FOR RE-USE. PROTECT CURB DURING DEMOLITION AND NEW CONSTRUCTION. THE AREA SERVED BY THE ROOFTOP UNIT IS OUTLINED ON THIS SHEET.

MD4 DISCONNECT, REMOVE, AND DISCARD EXISTING OUTSIDE AIR HANDLING UNIT AND ASSOCIATED CONDENSING UNIT, DUCTWORK, PIPING, POWER, AND CONTROLS.

MD5 EXISTING OUTSIDE AIR DUCT UP TO ROOF AND ASSOCIATED INTAKE HOOD TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

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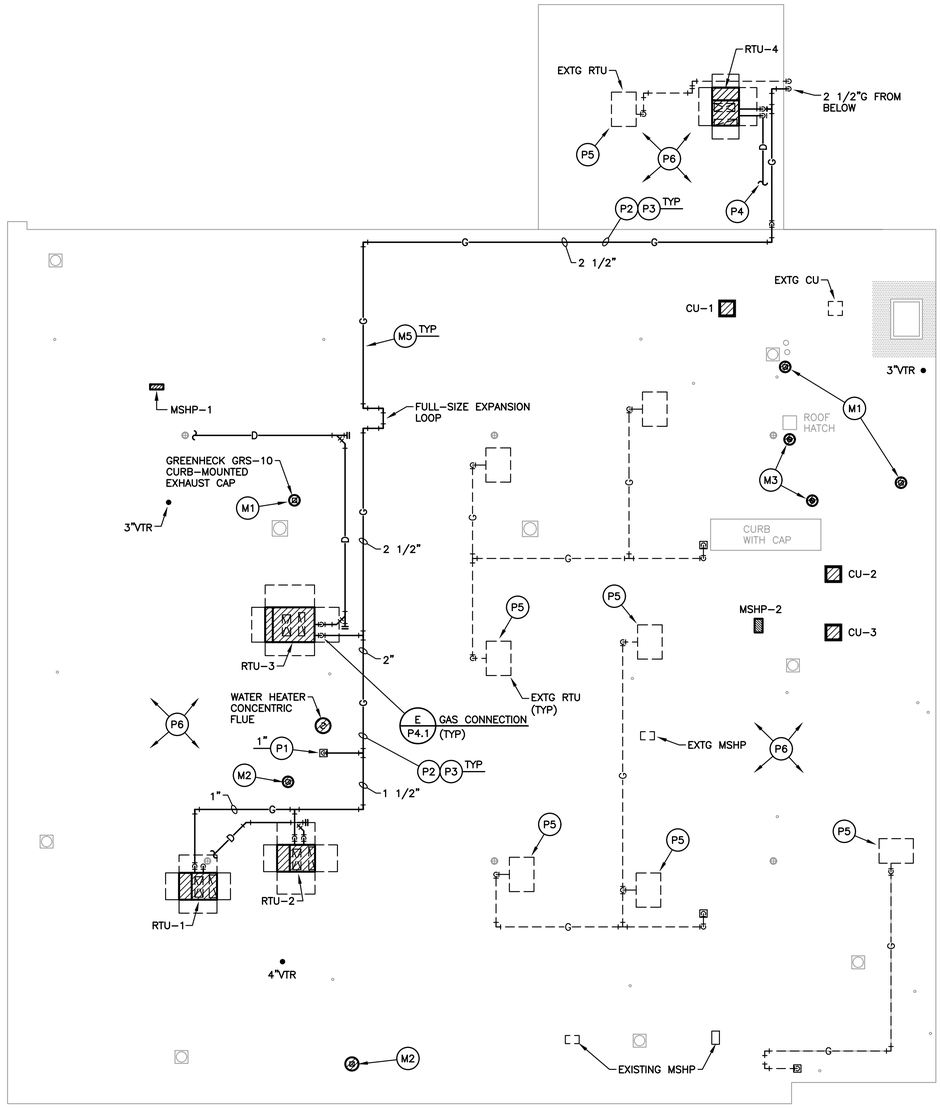
2ND FLOOR PLAN
DEMOLITION - HVAC

MD2.1



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ROOF PLAN – MECHANICAL PLUMBING

SCALE: 1/16" = 1'-0"

MECHANICAL NOTES:

M1 10"ø EXHAUST DUCT UP THROUGH FLAT ROOF AND INSULATED METAL ROOF CURB TO NOTED GREENHECK GRS-10 SPUN ALUMINUM GRAVITY VENTILATOR WITH ALUMINUM BIRDSCREEN. PREP, PRIME, AND PAINT VENTILATOR AND HOOD TO MATCH ROOF PANELS. TRANSITION IN VERTICAL FROM EXHAUST FAN CURB CONNECTION SIZE AS REQUIRED. RE: DETAIL "D" ON SHEET M3.2.

M2 12"ø EXHAUST DUCT UP THROUGH FLAT ROOF AND INSULATED METAL ROOF CURB TO NOTED GREENHECK GRS-12 SPUN ALUMINUM GRAVITY VENTILATOR WITH ALUMINUM BIRDSCREEN. PREP, PRIME, AND PAINT VENTILATOR AND HOOD TO MATCH ROOF PANELS. TRANSITION IN VERTICAL FROM EXHAUST FAN CURB CONNECTION SIZE AS REQUIRED. RE: DETAIL "D" ON SHEET M3.2.

M3 16"ø OUTSIDE AIR DUCT DOWN THROUGH FLAT ROOF AND INSULATED METAL ROOF CURB TO NOTED GREENHECK GRS-16 SPUN ALUMINUM GRAVITY VENTILATOR WITH ALUMINUM BIRDSCREEN. PREP, PRIME, AND PAINT VENTILATOR AND HOOD TO MATCH ROOF PANELS. TRANSITION IN VERTICAL FROM EXHAUST FAN CURB CONNECTION SIZE AS REQUIRED. RE: DETAIL "D" ON SHEET M3.2.

M4 LOW PRESSURE (OUNCES) GAS PIPING DOWN THROUGH ROOF WITH AWI SERIES PIPE VAULT, PIPE SEAL, CURB CAP AND ROOF CURB; PIPE SIZE AS NOTED.

M5 ALL GAS PIPING WITH SUPPORTS, PIPE CLAMPS, ETC. SHALL BE PREPPED, PRIMED AND PAINTED AS SPECIFIED. GAS PIPING EXPOSED TO VIEW SHALL BE PAINTED TO MATCH BUILDING FINISHES. PROVIDE (2) COATS MINIMUM OF EACH PRIMER AND FINISH OIL-BASED ENAMEL PAINT.

M6 TYPE "L" HARD COPPER CONDENSATE DRAIN PIPING FROM ROOFTOP UNIT. EXTEND AND TERMINATE OPEN-SIGHT AT ROOF DRAIN. PIPING SHALL BE LOCATED AND INSTALLED SUCH THAT NORMAL RAIN WATER FLOW INTO AND THROUGH ROOF DRAIN IS NOT OBSTRUCTED. PROVIDE PIPE SUPPORTS AS DETAILED AND AT SPECIFIED INTERVALS.

PLUMBING NOTES:

P1 ALL GAS PIPING WITH SUPPORTS, PIPE CLAMPS, ETC. SHALL BE PREPPED, PRIMED AND PAINTED AS SPECIFIED. GAS PIPING EXPOSED TO VIEW SHALL BE PAINTED TO MATCH BUILDING FINISHES. PROVIDE (2) COATS MINIMUM OF EACH PRIMER AND FINISH OIL-BASED ENAMEL PAINT.

P2 TYPE "L" HARD COPPER CONDENSATE DRAIN PIPING FROM ROOFTOP UNIT. EXTEND AND TERMINATE OPEN-SIGHT AT ROOF DRAIN. PIPING SHALL BE LOCATED AND INSTALLED SUCH THAT NORMAL RAIN WATER FLOW INTO AND THROUGH ROOF DRAIN IS NOT OBSTRUCTED. PROVIDE PIPE SUPPORTS AS DETAILED AND AT SPECIFIED INTERVALS.

P3 ROUTE GAS PIPING ACROSS ROOF AS NOTED. PROVIDE PIPING SUPPORTS AS DETAILED, SPACED AS RECOMMENDED BY MANUFACTURER. REFERENCE DETAIL "C", SHEET P4.2.

P4 EXTEND NEW CONDENSATE DRAIN PIPING AND TERMINATE AT NEAREST VENT-THRU-ROOF.

P5 EXISTING RTU AND ASSOCIATED GAS PIPING, CONDENSATE PIPING, ETC. TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

P6 PROVIDE VENT EXTENSION AS REQUIRED TO MAINTAIN REQUIRED CLEARANCE FROM ROOFTOP UNIT OUTSIDE AIR INTAKE. FIELD VERIFY EXITING CONDITIONS.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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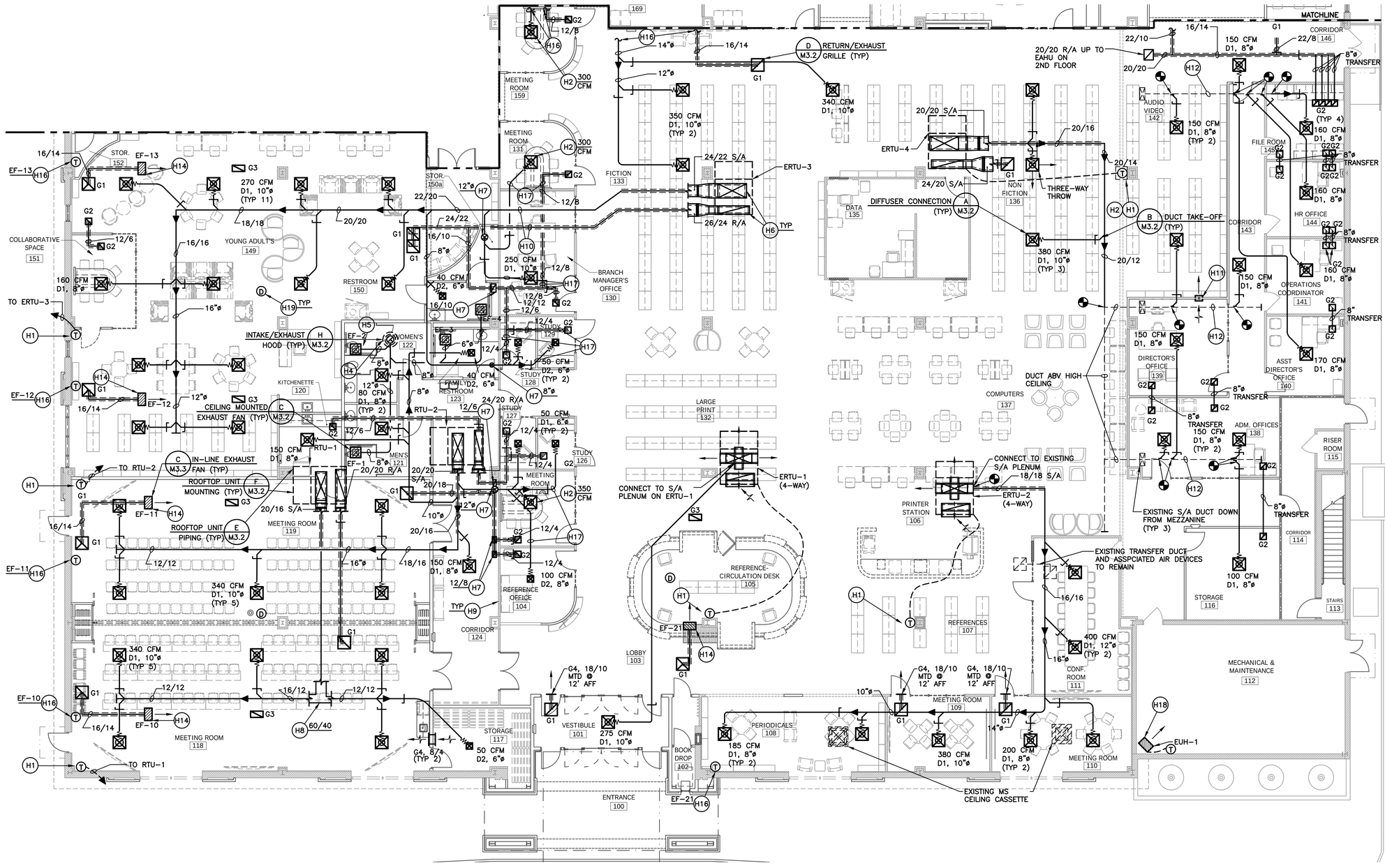
ROOF PLAN - MECHANICAL PLUMBING

MP1.1



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PARTIAL FIRST FLOOR PLAN – HVAC

SCALE: 1/8" = 1'-0"

HVAC NOTES:

- – – – – EXISTING TO REMAIN.

(H1) COORDINATE THE EXACT LOCATION OF THERMOSTAT AND MOUNTING REQUIREMENTS WITH THE OWNER PRIOR TO MATERIAL ORDER ROUGH-IN AND INSTALLATION.

(H2) ACUTHERM THERMAFUSER TF-HC THERMALLY POWERED VARIABLE AIR VOLUME DIFFUSER WITH INDIVIDUAL HEATING AND COOLING THERMAL ELEMENTS (NO SUBSTITUTIONS; SF-HC EQUIVALENT ARE NOT ACCEPTABLE); AIRFLOW AS NOTED; 10"ø NECK UNLESS NOTED OTHERWISE. ADJUST COOLING ELEMENT FOR 72°F AND HEATING ELEMENT FOR 70°F.

(H3) PROVIDE FLEXIBLE DUCT CONNECTIONS AT EFs, RTUs, AND AHUs.

(H4) 14"ø EXHAUST DUCT UP TO EXHAUST CAP ON ROOF EQUAL TO GREENHECK GRSR-10; TRANSITION IN VERTICAL FROM EXHAUST FAN CURB CONNECTION SIZE AS REQUIRED. RE: DETAIL "D" ON SHEET M3.2. REFER TO SHEET MP1.1 FOR EXACT LOCATION.

(H5) INTERLOCK EXHAUST FAN WITH ROOM LIGHT SWITCH. RE: ELECTRICAL.

(H6) PROVIDE INTERNALLY LINED SUPPLY AND RETURN DUCT DROPS FULL SIZE OF RTU OPENINGS. OFFSET IN CURB AND STRUCTURE AS REQUIRED AND TRANSITION TO DUCT SIZE INDICATED ON DRAWING.

(H7) EXTEND NOTED SIZE SUPPLY/RETURN DUCT DOWN TO LOWEST ELEVATION POSSIBLE ABOVE LOW CEILING.

(H8) ADJUSTABLE SPLITTER TEE WITH DOUBLE-THICKNESS TURNING VANES AND MANUAL VOLUME CONTROL DAMPER; SPLIT RATIO AS NOTED. TRANSITION OFF EACH SPLIT TO DUCT SIZE NOTED.

(H9) ALL DUCTS PENETRATING THIS WALL AND SERVING THE AREA WITH LOWER, 9FT CEILING MUST DROP TO RIGHT ABOVE THE CEILING BEFORE PENETRATING THE WALL. REFER TO ARCHITECTURAL PLANS FOR AREAS WITH 9FT CEILING ALONG THIS WALL.

(H10) ROUTE MAIN TRUNK (SUPPLY AND RETURN) ABOVE HIGH CEILING.

(H11) PROVIDE TRANSFER DUCT FULL SIZE OF 14/14 GRILLE. PROVIDE TWO (2) TYPE "G4" RETURN GRILLES. MOUNT AS HIGH AS POSSIBLE BENEATH CEILING.

(H12) EXISTING SUPPLY AIR TRUNK DUCT TO REMAIN. CONNECT NEW BRANCH DUCTS TO EXISTING DUCT, AS INDICATED. SEAL ANY UNUSED OPENING IN DUCT.

(H13) CONNECT S/A DUCT TO EXISTING DUCT TRUNK/TAP FROM NOTED ERTU.

(H14) IN-LINE EXHAUST FAN FOR FREEZE PROTECTION OF CEILING SPACE. PLACE THERMOSTAT ON ROOF STRUCTURE ABOVE CEILING AND INTERLOCK WITH FAN. AIR WILL BE DISTRIBUTED BACK OUT INTO SPACE BELOW CEILING AT NEAREST 24/12 RETURN FILTER GRILL (DIFFUSER G3). REFERENCE DETAIL "P", SHEET M3.3.

(H15) SEE SHEET M1.2 FOR CONTINUATION.

(H16) THERMOSTAT FOR NOTED IN-LINE EXHAUST FAN. MOUNT THERMOSTAT ABOVE CEILING AND ON EXTERIOR WALL WITH A MICARTA BASE. PLACE CEILING TAB ON NEAREST CEILING T-BAR TO MARK LOCATION OF THERMOSTAT.

(H17) ROUTE DUCT AS LOW AS POSSIBLE ABOVE LOW CEILING.

(H18) COORDINATE THE EXACT MOUNTING HEIGHT AND LOCATION OF THE ELECTRIC UNIT HEATER WITH THE ARCHITECT PRIOR TO ROUGH-IN. PROVIDE ALL MOUNTING HARDWARE REQUIRED. INSTALLATION SHALL BE AS REQUIRED BY THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES.

(H19) MOUNT SMOKE DETECTOR ABOVE CEILING. INTERLOCK WITH EXISTING FIRE ALARM SYSTEM. SHUT DOWN IN-LINE EXHAUST FANS FOR FREEZE PROTECTION WHEN SMOKE IS DETECTED IN CEILING SPACE.

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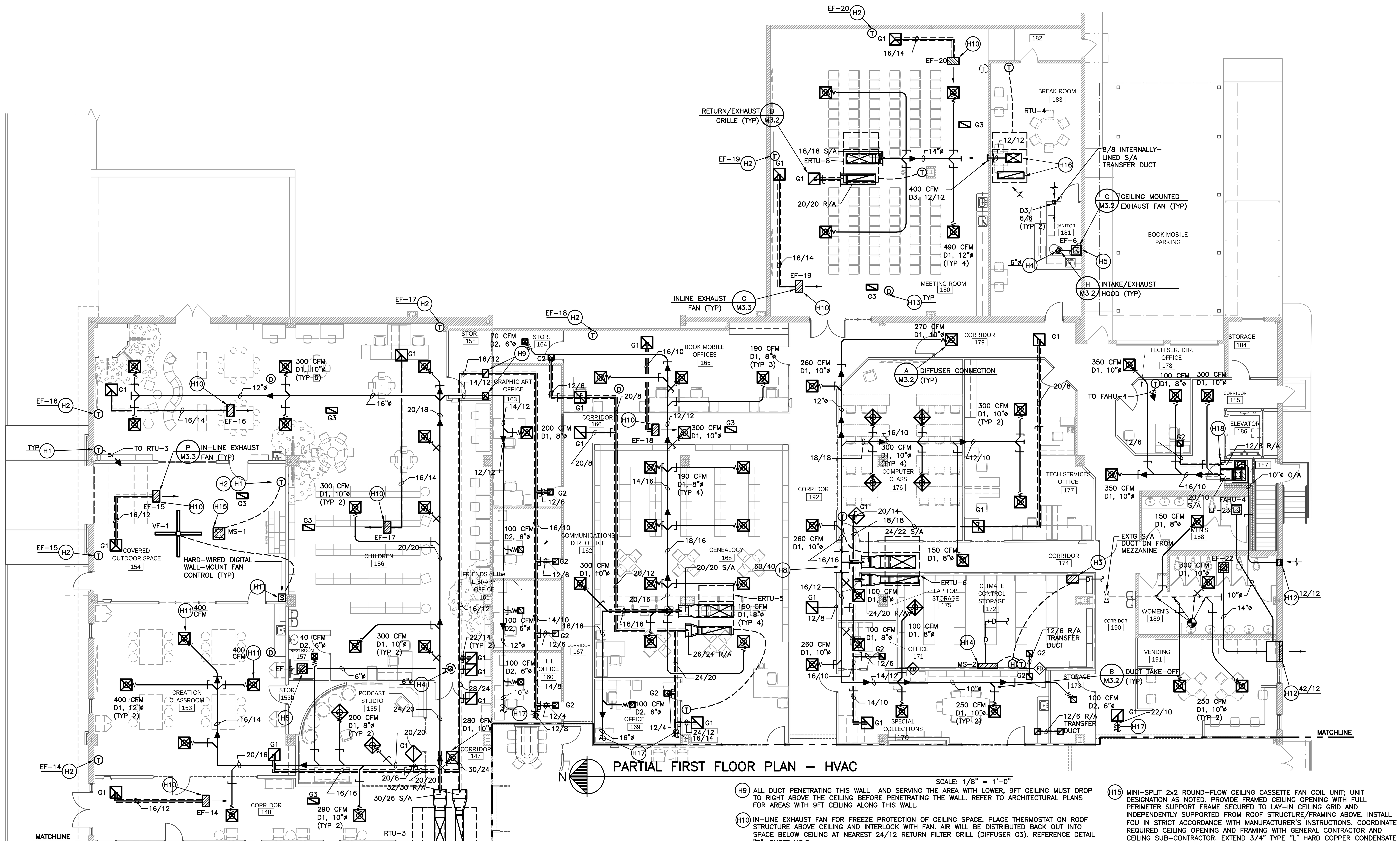
PROFESSIONAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER

DRAWN BY:	JDK
CHK'D BY:	TGS
JOB #	1963
DATE:	08/2024

PARTIAL 1ST FLOOR PLAN - HVAC

M1.1



PARTIAL FIRST FLOOR PLAN – HVAC

SCALE: 1/8" = 1'–0"

HVAC NOTES:

– – – – EXISTING TO REMAIN

(H1) COORDINATE THE EXACT LOCATION OF THERMOSTAT/CONTROL AND MOUNTING REQUIREMENTS WITH THE OWNER PRIOR TO MATERIAL ORDER ROUGH–IN AND INSTALLATION.

(H2) THERMOSTAT FOR IN–LINE EXHAUST FAN. MOUNT THERMOSTAT ABOVE CEILING AND ON EXTERIOR WALL WITH A MICARTA BASE. PLACE CEILING TAB ON NEAREST CEILING T–BAR TO MARK LOCATION OF THERMOSTAT.

(H3) PACKAGED DEHUMIDIFIER – SANTA FE OASIS 105 MODEL 4041850, 13.2 GALLON WATER REMOVAL AT 80°F & 60% RH, 280 CFM ADJUSTABLE BLOWER AT UP TO 1.0"WG, MERV–13 FILTERS, 45 dBA AVERAGE SOUND LEVEL, 115V/1ø 5.0A , 9' CORD WITH TYPE B GROUNDED PLUG, 3/4" THREADED FEMALE NPT WITH 8' DIRECT GRAVITY DRAIN HOSE, R410A REFRIGERANT. SYSTEM SHALL INCLUDE ON–BOARD DIGITAL CONTROLS, AUTO–RESTART, VARIABLE SPEED DIRECT DRIVE FAN, DEW POINT TEMPERATURE CUT–OUT, ECCO CORROSION RESISTANT COIL, INTEGRATED SECONDARY DRAIN PAN WITH DEDICATED FLOAT SWITCH PORT AND MOLDED BASE WITH INTEGRATED HANDLES. INSTALL AND CONNECT IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, MAINTAINING ALL REQUIRED AIRFLOW AND ACCESS CLEARANCES. PROVIDE MANUFACTURER'S CONDENSATE PUMP; PROVIDE LITTLE GIANT OR EQUAL CONDENSATE PUMP AS REQUIRED IF EXISTING CONDITION DICTATE GREATER LIFE IS REQUIRED. MOUNT HIGH ON WALL BELOW CEILING. COORDINATE THE EXACT LOCATION AND MOUNTING REQUIREMENTS WITH THE ARCHITECT PRIOR TO INSTALLATION. EXTEND FULL SIZE PUMPED CONDENSATE DRAIN PIPING AND TERMINATE OPEN–SIGHT AT HUB DRAIN ABOVE CEILING AT EWC. RE: PLUMBING PLANS.

(H4) EXHAUST DUCT UP TO EXHAUST HOOD ON ROOF EQUAL TO GREENHECK GRSR WITH BIRDSCREEN AND FACTORY CURB. PAINT CURB AS DIRECTED BY ARCHITECT.

(H5) INTERLOCK EXHAUST FAN WITH ROOM LIGHT SWITCH. RE: ELECTRICAL.

(H6) PROVIDE INTERNALLY LINED SUPPLY AND RETURN DUCT DROPS FULL SIZE OF RTU OPENINGS. OFFSET IN CURB AND STRUCTURE AS REQUIRED AND TRANSITION TO DUCT SIZE INDICATED ON DRAWING.

(H7) EXISTING DUCTWORK AND AIR DIFFUSER LOCATIONS TO REMAIN. FIELD VERIFY EXACT LOCATION. REFER TO SHEET MD1.1 FOR APPROXIMATE APPLICABLE ZONE.

(H8) ADJUSTABLE SPLITTER TEE WITH DOUBLE–THICKNESS TURNING VANES AND MANUAL VOLUME CONTROL DAMPER; SPLIT RATIO AS NOTED. TRANSITION OFF EACH SPLIT TO DUCT SIZE NOTED.

(H9) ALL DUCT PENETRATING THIS WALL AND SERVING THE AREA WITH LOWER, 9FT CEILING MUST DROP TO RIGHT ABOVE THE CEILING BEFORE PENETRATING THE WALL. REFER TO ARCHITECTURAL PLANS FOR AREAS WITH 9FT CEILING ALONG THIS WALL.

(H10) IN–LINE EXHAUST FAN FOR FREEZE PROTECTION OF CEILING SPACE. PLACE THERMOSTAT ON ROOF STRUCTURE ABOVE CEILING AND INTERLOCK WITH FAN. AIR WILL BE DISTRIBUTED BACK OUT INTO SPACE BELOW CEILING AT NEAREST 24/12 RETURN FILTER GRILL (DIFFUSER G3). REFERENCE DETAIL "P", SHEET M3.3.

(H11) ACUTHERM THERMAFUSER TF–HC THERMALLY POWERED VARIABLE AIR VOLUME DIFFUSER WITH INDIVIDUAL HEATING AND COOLING THERMAL ELEMENTS (NO SUBSTITUTIONS; SF–HC EQUIVALENT ARE NOT ACCEPTABLE); AIRFLOW AS NOTED; 12"ø NECK UNLESS NOTED OTHERWISE. ADJUST COOLING ELEMENT FOR 72°F AND HEATING ELEMENT FOR 70°F.

(H12) PROVIDE DRAINABLE BLADE LOUVER EQUAL TO RUSKIN ELF6375DX, EXTRUDED ALUMINUM, MILL FINISH, FRONT BLADE STATIONARY, DRAINABLE, 0.081" THICK. PROVIDE BIRDSCREEN, BLADE AND JAMB SEALS, CLIP ANGLES AND EXTENDED SILL. FACTORY APPLIED KYNAR FINISH TO MATCH PAINT CHIP (FURNISHED BY OWNER/ARCHITECT). COORDINATE EXACT ELEVATION WITH ARCHITECT. TRANSITION ASSOCIATED OUTSIDE AIR DUCT FULL SIZE OF LOUVER. LOUVER SIZE AS INDICATED. SLOPE BOTTOM OF DUCT AT LOUVER DOWN SO THAT ANY WATER ENTRAINED DRAINS OUT OF THE BUILDING.

(H13) MOUNT SMOKE DETECTOR ABOVE CEILING. INTERLOCK WITH FIRE ALARM SYSTEM. SHUT DOWN IN–LINE EXHAUST FANS FOR FREEZE PROTECTION WHEN SMOKE IS DETECTED IN CEILING SPACE.

(H14) WALL MOUNT MINI–SPLIT FAN COIL UNIT ON WALL AT APROXIMATELY 7'–6" AFF TO BOTTOM, INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. EXTEND 3/4" TYPE "L" COPPER TUBING FROM INTEGRAL CONDENSATE PUMP, ALONG WALL AND RISE TO ABOVE CEILING; TERMINATE OPEN–SIGHT AT HUB DRAIN ABOVE CEILING AT EWC. RE: PLUMBING PLANS. INSTALL REFRIGERANT PIPING AND CONDENSATE PIPING ENCLOSED IN PAINTED RIGID METAL CONDUIT. CORE–DRILL, SLEEVE AND SEAL CMU BLOCK WALLS AS REQUIRED FOR PIPING INSTALLATION; MAXIMUM PENETRATION SIZE ALLOWED IS 2 1/2" DIAMETER.

(H15) MINI–SPLIT 2x2 ROUND–FLOW CEILING CASSETTE FAN COIL UNIT; UNIT DESIGNATION AS NOTED. PROVIDE FRAMED CEILING OPENING WITH FULL PERIMETER SUPPORT FRAME SECURED TO LAY–IN CEILING GRID AND INDEPENDENTLY SUPPORTED FROM ROOF STRUCTURE/FRAMING ABOVE. INSTALL FCU IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. COORDINATE REQUIRED CEILING OPENING AND FRAMING WITH GENERAL CONTRACTOR AND CEILING SUB–CONTRACTOR. EXTEND 3/4" TYPE "L" HARD COPPER CONDENSATE DRAIN PIPING FROM INTEGRAL CONDENSATE PUMP, ABOVE LAY–IN CEILING; EXPOSED TUBING/PIPING IS NOT ACCEPTABLE.

(H16) PROVIDE CONCENTRIC DIFFUSER SYSTEM EQUAL TO RUSKIN 510, ANODIZED ALUMINUM DIFFUSER FRAME, ALUMINUM RETURN AIR EGG CRATE, ANTI–SWEAT GASKET, MOLDED FIBERGLASS CORE, INSULATED SHEET METAL DIFFUSER BOX, 4–WAY DISTRIBUTION, FULLY INSULATED. EXTEND SUPPLY AND RETURN DUCTS DOWN FROM THE UNIT, FULL SIZE OF UNIT OPENING, AND TRANSITION AND CONNECT TO CONCENTRIC DIFFUSER SYSTEM CONNECTIONS. BALANCE TO 750 CFM THRU CONCENTRIC DIFFUSER; 400 CFM SHALL BE SUPPLIED TO MEETING ROOM.

(H17) SEE SHEET M1.1 FOR CONTINUATION.

(H18) PROVIDE 20/20 TYPE "G4" GRILLE BELOW DOOR FOR UNIT RETURN.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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BRADLEY M. SMOAK
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IN
09/04/2024
MECHANICAL ENGINEERING

DRAWN BY:	JDK
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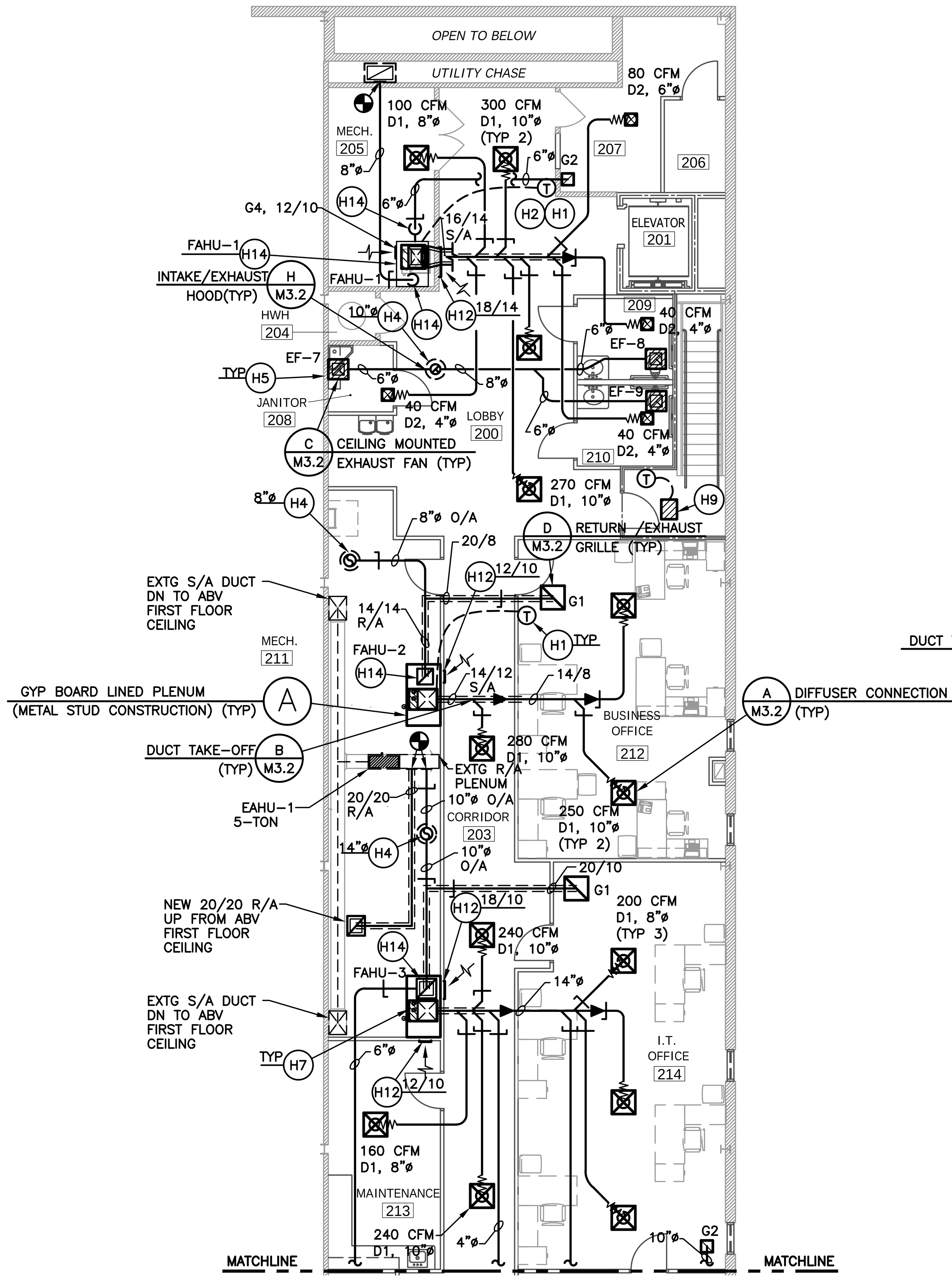
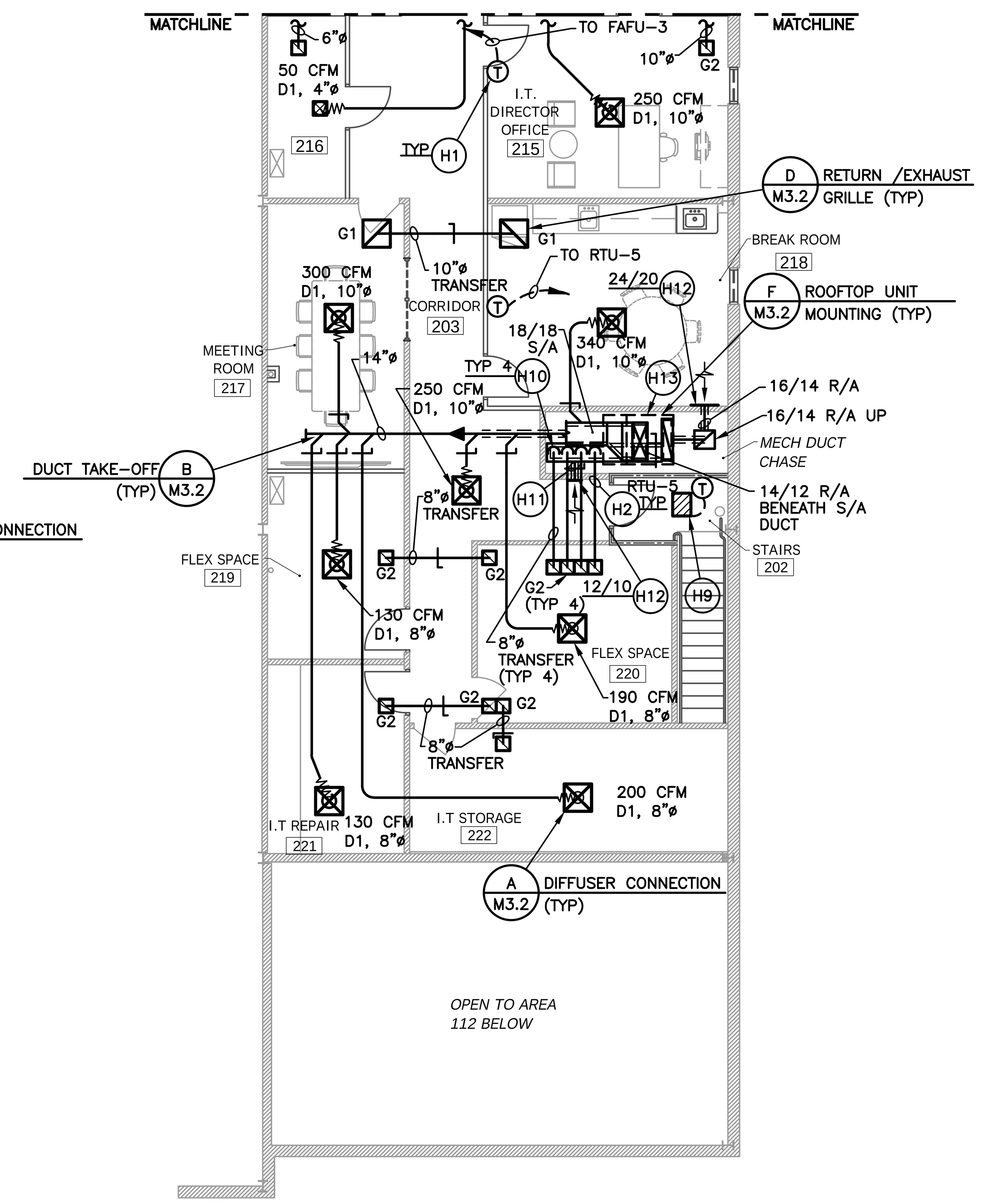
JOB #	1963
DATE:	08/2024

PARTIAL 1ST FLOOR PLAN - HVAC

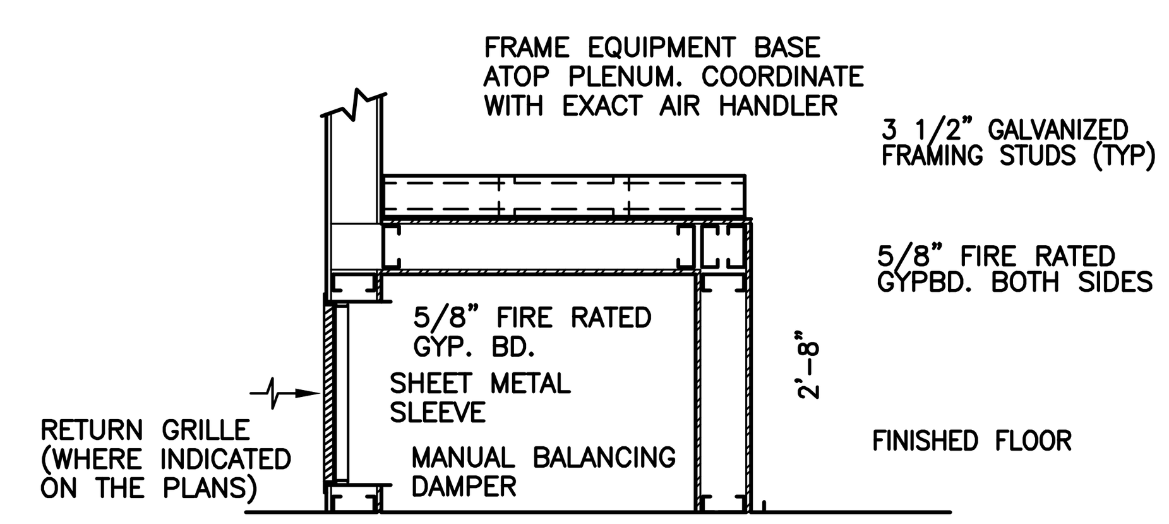
M1.2



N PARTIAL SECOND FLOOR PLAN – HVAC
SCALE: 1/8" = 1'-0"



N PARTIAL SECOND FLOOR PLAN – HVAC
SCALE: 1/8" = 1'-0"



A DETAIL – GYP. BOARD LINED PLENUM (METAL STUD CONSTRUCTION)
NO SCALE

HVAC NOTES:

(H1) COORDINATE THE EXACT LOCATION OF THERMOSTAT WITH THE ARCHITECT PRIOR TO ROUGH-IN.

(H2) PROVIDE FIRE DAMPERS AS REQUIRED FOR ALL DUCT PENETRATIONS OF THE MECHANICAL DUCT CHASE. RE: ARCHITECTURAL DRAWINGS FOR RATED WALLS/FLOORS.

(H3) PROVIDE FLEXIBLE DUCT CONNECTIONS AT EFs AND AHUs.

(H4) EXHAUST/OUTSIDE AIR DUCT UP TO HOOD ON ROOF EQUAL TO GREENHECK GRSR/I, THROAT SIZE TO MATCH DUCT SIZE INDICATED ON DRAWING. PROVIDE FACTORY CURB AND BIRDSCREEN. PAINT CURB AS DIRECTED BY THE ARCHITECT.

(H5) INTERLOCK EXHAUST FAN WITH ROOM LIGHT SWITCH. RE: ELECTRICAL.

(H6) ALL FLEX DUCT MUST BE ROUTED THROUGH WEB OF BAR JOISTS. S/A AND R/A DUCT TRUNKS MUST BE BETWEEN BAR JOISTS AND CLOSE TO ROOF DECK

(H7) PROVIDE MANUFACTURER'S RECOMMENDED ROOF MOUNTED COMBINATION COMBUSTION AIR/FLUE CAP FOR FURNACE UNIT. PROVIDE MANUFACTURER'S RECOMMENDED DUCT SIZE FROM UNIT FLUE AND COMBUSTION AIR CONNECTION TO MANUFACTURER'S COMBINATION ROOF CAP. VENT PIPE MATERIAL SHALL BE POLYPROPYLENE AND THE INSTALLATION SHALL BE COMPLIANT WITH THE MECHANICAL/GAS CODE AND WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

(H8) REFERENCE PLUMBING PLANS FOR TYPE "L" HARD COPPER CONDENSATE DRAIN PIPING.

(H9) PROVIDE CEILING-MOUNTED FAN-FORCED HEATER EQUAL TO QMARK EFF1500, 1500 WATTS, WITH WALL MOUNTED THERMOSTAT.

(H10) EXTEND R/A DUCT DOWN IN CHASE AND CONNECT TO TOP OF TO OF 14/12 R/A DUCT.

(H11) EXTEND 10/8 R/A DUCT INTO CHASE, THEN TURN UP AND CONNECT TO BOTTOM OF 14/12 R/A DUCT.

(H12) PROVIDE TYPE "G4" GRILLE MOUNTED WITH BOTTOM OF GRILLE AT 12" AFF. SIZE AS INDICATED ON DRAWING.

(H13) MOUNT NEW RTU-5 ON EXISTING ROOF CURB. PROVIDE CURB ADAPTER AS REQUIRED. CONNECT TO EXISTING PIPING AND POWER RETAINED FROM DEMOLITION.

(H14) EXTEND OUTSIDE/RETURN AIR DOWN AND CONNECT TO RETURN AIR PLENUM.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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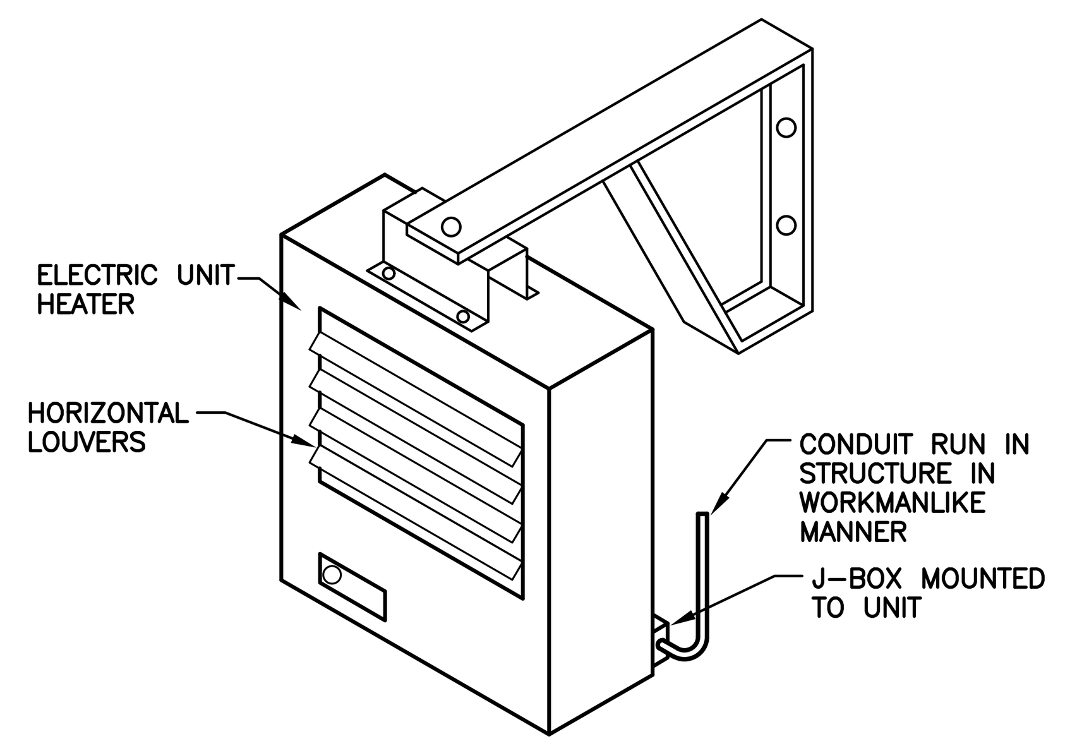
JOB # 1963
DATE: 08/2024

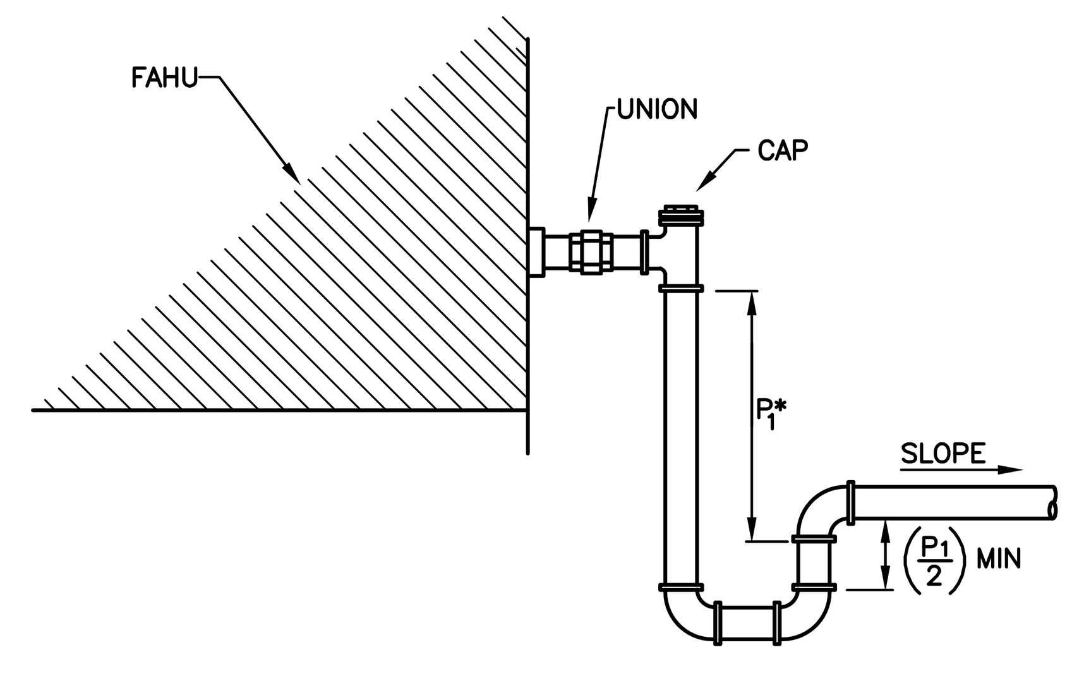
2ND FLOOR PLAN - HVAC

M2.1



(A) DETAIL – ELECTRIC UNIT HEATER

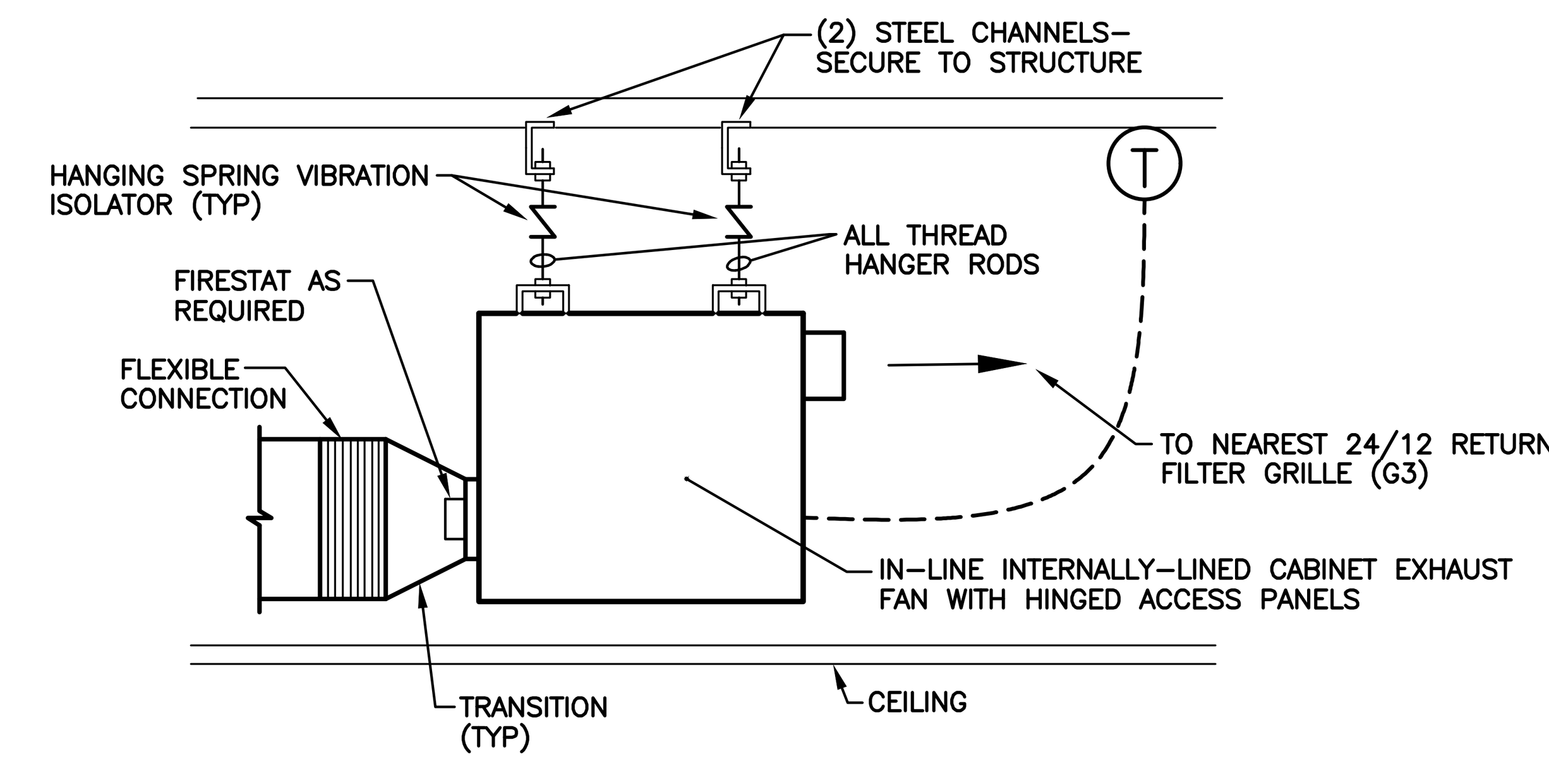
NO SCALE



(B) DETAIL – AIR HANDLING UNIT CONDENSATE DRAIN CONNECTION

NO SCALE

P_1 UNIT INTERNAL STATIC PRESSURE +1" (INCLUDING DIRTY FILTERS)



(C) DETAIL – EXHAUST FAN (IN-LINE)

NO SCALE

HVAC GENERAL NOTES:

1. ALL DUCTWORK SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS.
2. ALL AIR DEVICES SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURE ABOVE WITH CEILING TIE WIRES AND CONCEALED FASTENERS.
3. PROVIDE NECESSARY OFFSETS TO MAINTAIN MINIMUM 15'-0" DISTANCE BETWEEN OUTSIDE AIR INTAKES AND PLUMBING VENTS, AND EXHAUST AIR OUTLETS. VERIFY EXACT LOCATIONS WITH ARCHITECT AND ENGINEER PRIOR TO MATERIAL ORDER AND INSTALLATION.
4. PROVIDE FLEXIBLE DUCT CONNECTIONS AT ALL ROOFTOP UNITS (RTU), HORIZONTAL AND VERTICAL FURNACE AIR HANDLING UNITS (FAHU), AND EXHAUST FANS (EF).
5. ALL DUCTWORK AND EQUIPMENT SHALL BE INSTALLED AT HIGHEST ELEVATION ACHIEVABLE (TYP). COORDINATE DUCT ROUTING WITH NEW AND EXISTING STRUCTURE, X-BRACING, FRAME WALL BRACING, LIGHT FIXTURES, ETC.
6. ALL FLEXIBLE DUCT SHALL BE FULLY EXTENDED, FREE OF KINKS, NO LONGER THAN 5'-0" AND SAME SIZE AS DIFFUSER NECK. BRANCH DUCTS AND TAKE-OFFS SHALL BE THE SIZE SAME AS DIFFUSER NECKS UNLESS SPECIFICALLY NOTED OTHERWISE. PROVIDE RECTANGULAR TO ROUND TRANSITIONS OR ADAPTORS AT DIFFUSER NECKS WHERE REQUIRED BY SPECIFIC AIR DEVICE MANUFACTURER. SQUARE NECK SIZE WITH ROUND ADAPTER SHALL BE SELECTED FOR AN NC LEVEL OF 25 OR LESS AT DESIGN AIRFLOW.
7. THIS CONTRACTOR SHALL PROVIDE HVAC SYSTEMS IN STRICT ACCORDANCE WITH APPLICABLE EDITIONS OF NFPA 101 AND NFPA 90A.
8. CONTRACTOR SHALL FIELD VERIFY EXACT SIZE, LOCATION, ETC. OF STRUCTURAL FRAMING PRIOR TO UNIT AND DUCT INSTALLATION, MATERIAL ORDER AND DUCTWORK FABRICATION. NOTIFY ARCHITECT/ENGINEER IMMEDIATELY OF SIGNIFICANT DISCREPANCIES AND CONFLICTS.
9. THE INSIDE OF ALL BRANCH DUCTS AND DUCT DROPS TO GRILLES AND DIFFUSERS SHALL BE PAINTED WITH TWO COATS OF FLAT BLACK ENAMEL PAINT SUCH THAT NO "RAW" GALVANIZED STEEL FINISH IS VISIBLE THROUGH THE AIR DEVICE FACE.
10. ALL RECTANGULAR DUCT ELBOWS AND SPLITTER TEES SHALL INCLUDE DOUBLE THICKNESS TURNING VANES, ANCHORED TO DUCT PER SMACNA GUIDELINES.
11. PROVIDE FULL SIZE INTERNALLY LINED DUCT DROPS TO ALL RETURN AIR GRILLES AND EXHAUST GRILLES. PREP, PRIME AND PAINT ALL EXPOSED INTERIOR SURFACES FLAT BLACK.
12. CONDENSATE DRAIN PIPING SHALL BE TYPE "L" HARD COPPER WITH COPPER DWV TEE FITTINGS AND THREADED CAPS (FOR CLEANOUT) AT ALL CHANGES OF DIRECTION AND AT END OF RUNS. PIPING SHALL BE TERMINATED OPEN-SIGHT AT HUB-DRAINS WITH ELONGATED FUNNELS AS INDICATED AND/OR NOTED ON PLAN. PROVIDE REDUCERS AND UNIONS AT CONNECTIONS TO EQUIPMENT. PROVIDE PPH OR ERICO/CADDY PIPE SUPPORTS AS DETAILED.
13. MANUAL VOLUME DAMPERS ABOVE RIGID INACCESSIBLE CEILINGS SHALL BE ALUMINUM YOUNG MODEL 820-1200 (RECTANGULAR) AND 5020-1200 (ROUND) OPPOSED BLADE WITH WORM GEAR SELF-LOCKING REGULATOR, FS FLEX SHAFT AND 301-FS CUP CONNECTOR WITH PRIMED COVER PLATES. (PAINT TO MATCH ADJACENT CEILING FINISHES). COORDINATE EXACT CEILING TYPE IN EACH AREA WITH ARCHITECTURAL REFLECTED CEILING PLAN.
14. CONTRACTOR SHALL INSTALL ALL CEILING EXHAUST FANS, CEILING CASSETTE FAN-COIL UNITS, ZONE HEAT RECOVERY BRANCH SELECTOR BOXES, AND HORIZONTAL AIR HANDLING UNITS WITH ASSOCIATED DUCTWORK, PIPING AND ACCESSORIES ABOVE CEILING, SUCH THAT A MINIMUM OF 48" CLEAR SPACE IS AVAILABLE FOR SERVICE, CLEANING, FILTER CHANGES AND ROUTINE MAINTENANCE.
15. COORDINATE EXACT LOCATIONS OF CEILING AIR DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLANS. AIR DEVICES SMALLER THAN FULL GRID SPACING SHALL BE CENTERED IN TILES AND INSTALLED WITH SURFACE MOUNT FRAMES AND CONCEALED FASTENERS.
16. ALL EXPOSED DUCTWORK SHALL BE SPIRAL-SEAM DOUBLE-WALL WITH "PAINT-GRIP" GALVANIZED STEEL OUTER WALL, PERFORATED INNER WALL AND FACTORY LINED (1" THICK LINER). PAINT DUCT SUPPORTS, ETC TO MATCH ADJACENT BUILDING FINISHES AND STRUCTURE WITH MINIMUM (2) COATS PRIMER AND (2) FINISH COATS OIL-BASED ENAMEL PAINT. SILVER UNLESS DIRECTED OTHERWISE BY ARCHITECT.
17. ALL RECTANGULAR RETURN, SUPPLY AND OUTSIDE AIR DUCTWORK SHALL BE INTERNALLY LINED WITH MINIMUM 1" THICK ACOUSTIC DUCT LINER. ALL CONCEALED RIGID ROUND DUCT SHALL BE WRAPPED WITH MINIMUM 2" THICK DUCT THREE QUARTER POUND DENSITY DUCT WRAP AS SPECIFIED. ALL SUPPLY AIR DUCTWORK SHALL BE EXTERNALLY WRAPPED IN ADDITION TO INTERNALLY-LINED.
18. ALL FLEXIBLE DUCT ABOVE CEILINGS 9'-0" AFF AND HIGHER, SHALL BE SECURED TO BRANCH DUCTS AND AIR DEVICES WITH STAINLESS STEEL WORM SCREW DUCT CLAMPS; SET CLAMP SCREW DRIVES WITH BLUE LOCTITE AFTER TIGHTENING TO PROPER TORQUE.

MINI-SPLIT HEAT PUMP SYSTEM SCHEDULE

INDOOR UNIT				
MARK		MS-1	MS-2	
LOCATION		OUTDOOR SPACE 154	CLIMATE CNTRL STORAGE 172	
TYPE		CLG RECESSED	WALL-MOUNT	
FAN				
AIRFLOW				
COOLING	CFM	275-448	395-754	
TOTAL CAPACITY	MBH	20	24	
HEATING	CFM	275-448	395-754	
TOTAL CAPACITY	MBH	18	27.3	
ELECTRICAL INDOOR UNIT		NOTES 1,2	NOTES 1,2	
MANFACTURER		"DAIKIN"	"DAIKIN"	
MODEL NO		FFQ18Q2VJU	FTXC24AXVJU	
OUTDOOR UNIT				
MARK		MSHP-1	MSHP-1	
LOCATION		ROOF	ROOF	
NOMINAL CAPACITY	TON	1.5	2	
REFRIGERANT		R-32	R-32	
ELECTRICAL OUTDOOR UNIT				
VOLTS/PHASE		208/1	208/1	
MCA	AMP	16.4	16.4	
OCPD	AMP	20	20	
MANFACTURER		"DAIKIN"	"DAIKIN"	
MODEL NO		RXC18AXVJU	RXC24AXVJU	
REMARKS		1,2,3,4	1,2,3,4	

THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT VOLTAGE & PHASE OF EACH AND EVERY EQUIPMENT ITEM WITH THE ELECTRICAL CONTRACTOR, PRIOR TO ORDER.

NOTES:
1. INDOOR UNIT ELECTRICALLY FED FROM OUTDOOR UNIT.
2. WALL MOUNTED UNIT. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
3. MANUFACTURER PROVIDED CONDENSATE PUMP.
4. PROVIDE LOW AMBIENT KITS.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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HVAC DETAILS

M3.3

AIR DISTRIBUTION DEVICE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	MANUFACTURER CATALOG NO.	MATERIAL	FINISH	ACCESSORIES/REMARKS
D1	CEILING SUPPLY DIFFUSER	CEILING LAY-IN	TITUS TMS	ALUMINUM	BAKED WHITE ENAMEL	24/24 FULLY LOUVERED FACE; NECK SIZE AS INDICATED
D2	CEILING SUPPLY DIFFUSER	CEILING LAY-IN	TITUS TMS	ALUMINUM	BAKED WHITE ENAMEL	12/12 FULLY LOUVERED FACE; NECK SIZE AS INDICATED
D3	SIDEWALL SUPPLY GRILLE	SURFACE SIDEWALL	TITUS 300FL	ALUMINUM	BAKED WHITE ENAMEL	DOUBLE DEFLECTION; 1/2" BLADE SPACING; SIZE AS INDICATED
G1	CEILING RETURN/ EXHAUST	CEILING LAY-IN	TITUS 50FF	ALUMINUM	BAKED WHITE ENAMEL	24/24 PANEL; 1/2" x 1/2" x 1/2" EGG CRATE CORE; 1" FILTER FRAME; OBD
G2	CEILING RETURN/ EXHAUST GRILLE	CEILING LAY-IN	TITUS 50FF	ALUMINUM	BAKED WHITE ENAMEL	12/12 PANEL; 1/2" x 1/2" x 1/2" EGG CRATE CORE; 1" FILTER FRAME; OBD
G3	CEILING FILTER RETURN GRILLE	CEILING LAY-IN	TITUS 50FF	ALUMINUM	BAKED WHITE ENAMEL	24/12 PANEL; 1/2" x 1/2" x 1/2" EGG CRATE CORE; 1" FILTER FRAME; OBD
G4	CEILING FILTER RETURN GRILLE	WALL SURFACE	TITUS 350FL	ALUMINUM	BAKED WHITE ENAMEL	24/12 PANEL; 1/2" x 1/2" x 1/2" EGG CRATE CORE; 1" FILTER FRAME; OBD

NOTE: COORDINATE EXACT CEILING/WALL TYPE AND MOUNTING REQUIREMENTS WITH ARCHITECTURAL PLANS.

AIR PURIFICATION SCHEDULE

TAG	S/A FLOW	EQUAL TO GPS MODEL	GPS QUANTITY	VOLTAGE	MOUNTING LOCATION
–	0–2400	FC–24	1	24VAC	SUPPLY FAN
–	2401–4800	FC–48	1	24VAC	SUPPLY FAN
–	4801–9600	FC–48	2	24VAC	SUPPLY FAN

NOTES:

1. BASIS OF DESIGN IS GLOBAL PLASMA SOLUTIONS. APPROVED EQUALS BY PHENOMENAL AIRE, AIRGENICS AND BIOXGEN SUBJECT TO SPECIFICATION.
2. MOUNT BI–POLAR ION GENERATOR WHERE INDICATED ON SCHEDULE.
3. IF CONTRACTOR SUBSTITUTES BASIS OF DESIGN WITH ANOTHER MANUFACTURER, CONTRACTOR SHALL COORDINATE ALL ELECTRICAL.
4. BI–POLAR IONIZATION SYSTEMS REQUIRING PERISHABLE GLASS TUBES ARE NOT ACCEPTABLE.
5. ALL MANUFACTURERS MUST PASS UL–867–2007 OZONE CHAMBER TESTING BY EITHER UL OR ETL.
6. PROVIDE IN ALL NEW FAHUs AND RTUs.

FAN SCHEDULE

FAN NO.	SERVES MOUNT	CFM	EXT. S.P.	RPM	H.P. (WATTS)	VOLTS PHASE	EQUAL TO MFG./PART NO.	SONES	DRIVE	REMARKS
1,2	TLTS CLG	120	0.5"	1225	(32)	115/1	GREENHECK SP–A390–VG	1.4	DIRECT	PROVIDE W/DISCONNECT, BACKDRAFT DAMPER, WHITE CEILING GRILLE, FAN MOTOR MOUNTED SPEED CONTROLLER
3 THRU 9	JAN/TLTS CLG	80	0.3"	1470	(80)	115/1	GREENHECK SP–B110	1.1	DIRECT	PROVIDE WITH BACKDRAFT DAMPER; ISOLATION KIT; CEILING GRILLE; DISCONNECT; SPEED CONTROLLER
10,11, 19,20	MEETING ROOMS 118,119,180 IN–LINE CLG	950	1.0"	1310	(321)	115/1	GREENHECK CSP–A1300	4.6	DIRECT	PROVIDE WITH BACKDRAFT DAMPER; ISOLATION KIT; DISCONNECT; SPEED CONTROLLER
12,13, 16,17	YOUNG ADULT'S AND CHILDREN IN–LINE CLG	1000	1.0"	1310	(321)	115/1	GREENHECK CSP–A1300	4.6	DIRECT	PROVIDE WITH BACKDRAFT DAMPER; ISOLATION KIT; DISCONNECT; SPEED CONTROLLER
14,15	CORRIDOR 148 AND ROOM 156 IN–LINE CLG	825	1.14"	1310	(321)	115/1	GREENHECK CSP–A1300	4.5	DIRECT	PROVIDE WITH BACKDRAFT DAMPER; ISOLATION KIT; DISCONNECT; SPEED CONTROLLER
18,21	BOOK DROP AND OFFICES 165 IN–LINE CLG	600	1.0"	1070	(186)	115/1	GREENHECK CSP–A1050	3.9	DIRECT	PROVIDE WITH BACKDRAFT DAMPER; ISOLATION KIT; DISCONNECT; SPEED CONTROLLER
VF–1	COVERED OUTDOOR SPACE 154 SUSPENDED	24,758	–	143 (MAX)	137.24 (MAX)	120/1	HUNTER COMMERCIAL MODEL TRAK 76286	<54 dBA	DIRECT	8 FT. DIAMETER; 4 AIRFOILS WITH CLEAR ANODIZED FINISH; GEARLESS DIRECT DRIVE EC MOTOR; WIRED WALL CONTROL WITH DIGITAL DISPLAY AND TOUCHSCREEN; EXTENDED TUBE MOUNT ; 2 YEAR WARRANTY (MINIMUM); MATTE BLACK MOTOR WITH BLACK TRIM
22	TOILET CEILING	480	0.5"	1346	(145)	115/1	GREENHECK CSP–A510–VG	1.3	DIRECT	PROVIDE WITH BACKDRAFT DAMPER; ISOLATION KIT; CEILING GRILLE; DISCONNECT; SPEED CONTROLLER
23	TOILET CEILING	240	0.5"	1273	(49	115/1	GREENHECK CSP–A390–VG	1.5	DIRECT	PROVIDE WITH BACKDRAFT DAMPER; ISOLATION KIT; CEILING GRILLE; DISCONNECT; SPEED CONTROLLER

THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT VOLTAGE & PHASE OF EACH AND EVERY EQUIPMENT ITEM WITH THE ELECTRICAL CONTRACTOR, PRIOR TO ORDER.

NOTE: REFERENCE PLANS FOR EXACT QUANTITIES.

ROOFTOP UNIT SCHEDULE

RTU NO.	EVAPORATOR DATA							HEAT EXCHANGER DATA		OUTSIDE AIR CFM	OUTSIDE AIR TEMP	EER (EER2)	POWER SUPPLY	EST WEIGHT (LBS)	LENNOX MODEL NO.
	CFM	FAN H.P.	EXT. S.P.	E.A.T. (DB/WB)	L.A.T. (DB/WB)	TOT. CAP. (MBH)	SENS. CAP. (MBH)	INPUT (MBH)	OUTPUT (MBH)						
1	1850	1	0.5	78.1/64.4	52.6/52.6	57.7	46.0	65/53	52/43	300	100	(12.5)	208/3	778	LGT060H5E
2	2900	3.75	0.7	77.9/64.3	56.5/54.1	84.9	64.4	130/84	104/67	430	100	12.3	208/3	1264	LGT092H5E
3	6700	5.0	1.2	77.7/64.2	56.2/54.2	213.1	162.8	260/85	211/69	1000	100	12	208/3	2806	LGT210H5M
4	1150	0.5	0.5	78.4/64.6	55.6/54.2	34.2	27.3	65/53	52/43	200	100	(13.5)	208/3	800	LGT036H5E
5	1540	1	.06	76.8/63.7	57.1/53.9	45.2	35.2	65/53	52/43	230	100	(13)	208/3	800	LGT048H5E

NOTES:

1. PROVIDE 5–YEAR COMPRESSOR PARTS WARRANTY; INCLUDING REFRIGERANT, PARTS & LABOR – NON PRORATED; 10 YEAR HEAT EXCHANGER WARRANTY.
2. PROVIDE WITH FULLY PROGRAMMABLE THERMOSTAT WITH 2–STAGE HEATING AND 2–STAGE COOLING AND AUTOMATIC COOLING/HEATING CHANGEOVER.
3. ALL COMPONENTS OF EACH HVAC SYSTEM SHALL BE PRODUCTS OF THE SAME MANUFACTURER, AND SHALL BE PERFORMANCE MATCHED WITH PUBLISHED PERFORMANCE RATINGS. HVAC SYSTEMS WITH COMPONENTS FROM DIFFERENT MANUFACTURERS, EVEN SUBSIDIARIES OF THE SAME COMPANY, WILL NOT BE ACCEPTED.
4. PROVIDE LOW AMBIENT CONTROL, CONDENSER HAIL GUARD, HINGED ACCESS PANELS.
5. PROVIDE TWO (2) COMPLETE SETS OF 2" MERV 8 FILTERS FOR EACH RTU.
6. UNITS SHALL BE TWO–STAGE WITH MULTI–SPEED FAN CONTROL TO ADJUST FAN SPEED TO NOT MORE THAN 65% OF FULL AIRFLOW BASED ON ACTIVE COMPRESSOR STAGES.
7. SCHEDULED COOLING CAPACITIES ARE NET.
8. PROVIDE LOW VOLTAGE AND SINGLE PHASE PROTECTION; PROVIDE HEAVY DUTY DISCONNECT SWITCHES––SEE ELECTRICAL PLANS FOR SIZE AND TYPE.
9. PROVIDE FACTORY FABRICATED 14" TALL STRUCTURAL INSULATED ROOF CURBS. ROOF CURB BOTTOMS SHALL MATCH PITCH OF ROOF AND UNIT SHALL BE LEVEL.

OUTDOOR DESIGN CONDITIONS
SUMMER: 100°DB/78°WB
WINTER: 20°

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSER OR DUCT
	RETURN AIR GRILLE, REGISTER OR DUCT
	EXHAUST AIR GRILLE, REGISTER OR DUCT
	ADJUSTABLE SPLITTER TEE W/TURNING VANES (S/A ONLY)
	DUCT TRANSITION – CONCENTRIC, ECCENTRIC
	FLEXIBLE DUCT
	LINED DUCTWORK
	ELBOW W/DOUBLE THICKNESS VANES
	MANUAL VOLUME DAMPER
T	THERMOSTAT
T NS	NIGHT SETBACK THERMOSTAT
OT	OVERRIDE TIMER
FD	FIRE DAMPER – HORIZONTAL AIR FLOW
FD	FIRE DAMPER – VERTICAL AIR FLOW
—RL—	REFRIGERANT LIQUID
—RS—	REFRIGERANT SUCTION
— D —	DRAIN LINE
— G —	GAS LINE
	CONNECT TO EXISTING
CU	CONDENSING UNIT
AFF	ABOVE FINISHED FLOOR
U/G	UNDERGROUND
RD	ROOF DRAIN
RTU	ROOF TOP UNIT
OBD	OPPOSED BLADE DAMPER
EF	EXHAUST FAN
MS	MINI–SPLIT
RH	RADIANT HEATER
EUH	ELECTRIC UNIT HEATER
FAHU	FURNACE AIR HANDLING UNIT
AHU	AIR HANDLING UNIT
MSHP	MINI–SPLIT HEAT PUMP

NOTE: NOT ALL SYMBOLS USED.

HIGH–EFFICIENCY 2–STAGE AIR CONDITIONING UNIT SCHEDULE (FAHU)

FUR/CU No.	BLOWER DATA				COOLING DATA*				HEATING DATA*		COND. DATA		OUTSIDE AIR (CFM)	LENNOX MODEL EQUAL TO
	CFM	EXT. S.P.	HP	VOLTS/ø	TOTAL MBH	SENS MBH	EAT (DB/WB)	LAT (DB/WB)	INPUT MBH HI/LOW	OUTPUT MBH HI/LOW	VOLTS/ø	SEER		
1,4	1150	0.6"	1/2	115/1	33.7	28.6	79.0/65.0	54.0/54.0	44/29	42/28	208/3	16.5	200	ML296UH045XV36B FURNACE CX35–36B–6F–20 COIL ML18XC2–036–233 CONDENSING UNIT
3	1560	0.6"	3/4	115/1	45.4	38.0	78.4/64.6	53.5/53.5	88/57	84/55	208/3	16.0	230	ML296UH090XV48C FURNACE CX35–49C–6F–20 COIL SSB048H4S43Y CONDENSING UNIT
2	780	0.5"	1/2	115/1	21.1	17.3	77.8/64.2	54.9/54.2	44/29	42/28	208/1	15.5	150	ML296UH045XV36B FURNACE CX35–18/24B–6F–20 COIL ML18XC2–024–230 CONDENSING UNIT

THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT VOLTAGE & PHASE OF EACH AND EVERY EQUIPMENT ITEM WITH THE ELECTRICAL CONTRACTOR, PRIOR TO ORDER.

DESIGN CONDITIONS: SUMMER – 99°F/77°F, WINTER – 20°F
(1) HEATING DATA TAKEN AT ARI CONDITIONS (LOW 70/17 AND HIGH 70/47)
(2) EXTERNAL STATIC PRESSURE DOES NOT INCLUDE FILTER, HEATER, WET COIL, AND ANY OTHER PRESSURE DROPS INTERNAL TO THE UNIT.
(3) PROVIDE SINGLE POINT POWER CONNECTION WITH AUTO TRANSFORMER TO BLOWER MOTOR.
(4) MULTISTAGE AIR VOLUME CONTROL.
(5) MINIMUM TWO(2) STAGE COOLING AND TWO(2) STAGE HEATING.
(6) PROVIDE & INSTALL DEHUMIDIFICATION SYSTEM AND PIPING KIT.
(7) PROVIDE 5 YEAR COMPRESSOR WARRANTY, INCLUDING REFRIGERANT, PARTS AND LABOR–NON PRORATED; 20 YEAR HEAT EXCHANGER WARRANTY.
(8) TOUCHSCREEN, 7–DAY PROGRAMMABLE THERMOSTAT.

EXISTING SYSTEMS BALANCE SCHEDULE

TAG	S/A	R/A	O/A
ERTU–1	3900	3310	590
ERTU–2	3900	3310	590
ERTU–3	3820	3230	590
ERTU–4	3900	3310	590
ERTU–5	3900	3310	590
ERTU–6	3900	3310	590
EAHU–1	1900	1600	300

NOTE: THE CONTRACTOR SHALL THOROUGHLY CLEAN AND SERVICE EXISTING ROOFTOP UNITS AND AHUs, INCLUDING BUT NOT LIMITED TO CLEANING OF COILS, BRUSHING AND COMBING COIL FINS, CHARGING REFRIGERANT, LUBRICATING ALL BEARINGS, REPLACING FILTERS, FAN BELTS, ETC. REBALANCE ROOFTOP UNITS AND FAFUs TO THE AIRFLOWS INDICATED IN THE SCHEDULE ABOVE.

ELECTRIC UNIT HEATER SCHEDULE

EUH NO.	SERVES	CFM	FAN HP	ΔT	KW	STAGES	POWER SUPPLY	WEIGHT (LBS)	EQUAL TO
1	MECH. 112	350	1/100	45	5.0	2	208V/1ø	27	QMARK MUH05–81

THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT VOLTAGE & PHASE OF EACH AND EVERY EQUIPMENT ITEM WITH THE ELECTRICAL CONTRACTOR, PRIOR TO ORDER.

1. PROVIDE WALL MOUNTED THERMOSTAT WITH SUMMER FAN OPERATION. CONFIRM LOCATION WITH OWNER AND ARCHITECT.
2. MOUNT UNIT HEATER PER MANUFACTURER'S INSTRUCTIONS.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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TEXAS Registered Engineering Firm #F-893

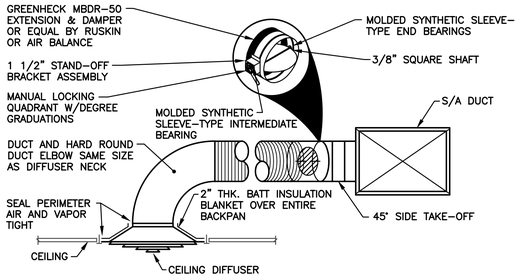
SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM. 5-163-1808-001

STATE OF LOUISIANA
BRADLEY M. SMOAK
License No. 41725
PROFESSIONAL ENGINEER
IN
09/04/2024
MECHANICAL ENGINEERING

DRAWN BY: JDK
CHK'D BY: TGS
JOB # 1963
DATE: 08/2024

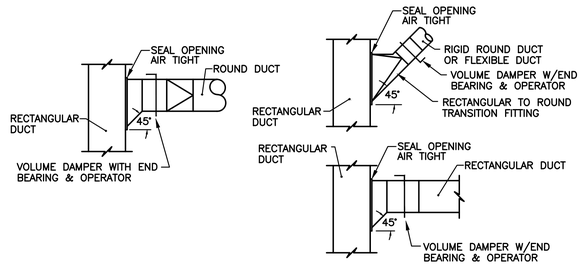
HVAC
SCHEDULES

M3.1



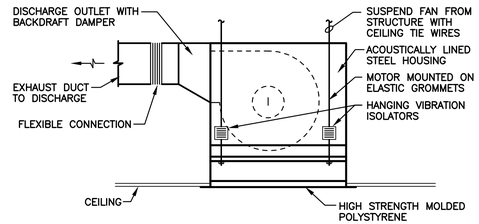
A DETAIL – DIFFUSER CONNECTION

NO SCALE



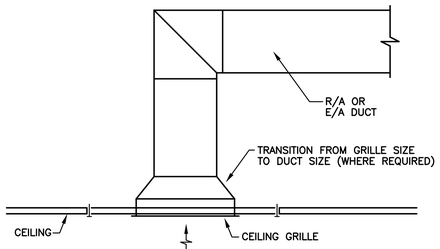
B DETAIL – DUCT TAKE-OFFS

NO SCALE



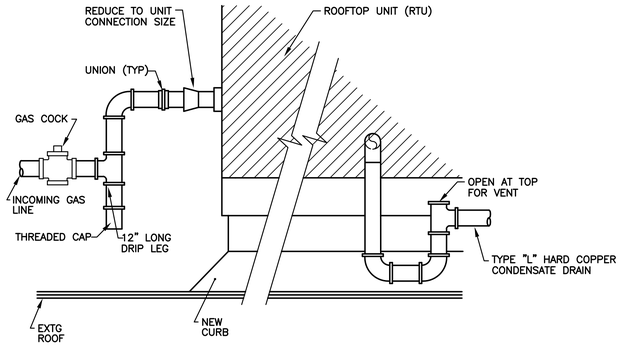
C DETAIL – CEILING MOUNTED EXHAUST FAN

NO SCALE



D DETAIL – RETURN/EXHAUST GRILLE

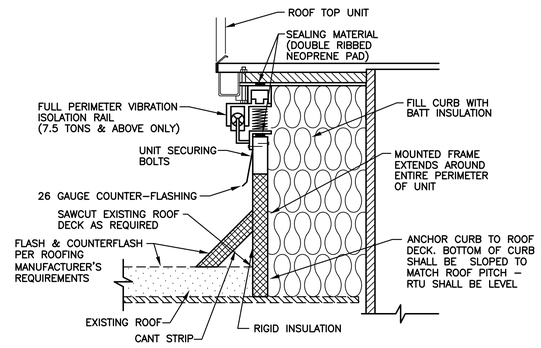
NO SCALE



E DETAIL – ROOFTOP UNIT PIPING

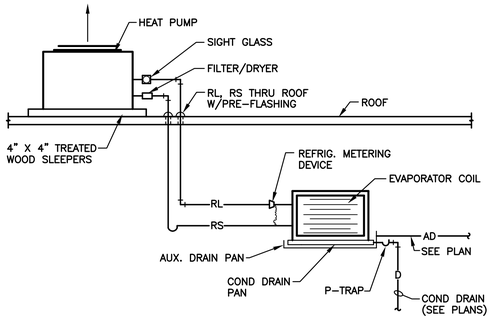
(PACKAGED AIR HANDLING UNIT SIMILAR)

NO SCALE



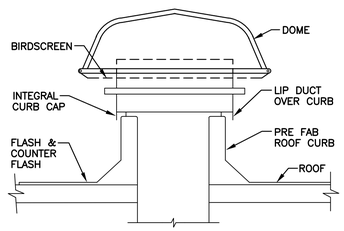
F DETAIL – TYPICAL ROOF TOP UNIT MOUNTING

NO SCALE



G DETAIL – CONDENSING UNIT ON ROOF

NO SCALE



H DETAIL – INTAKE/EXHAUST HOOD

NO SCALE

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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BRADLEY C. SMOAK
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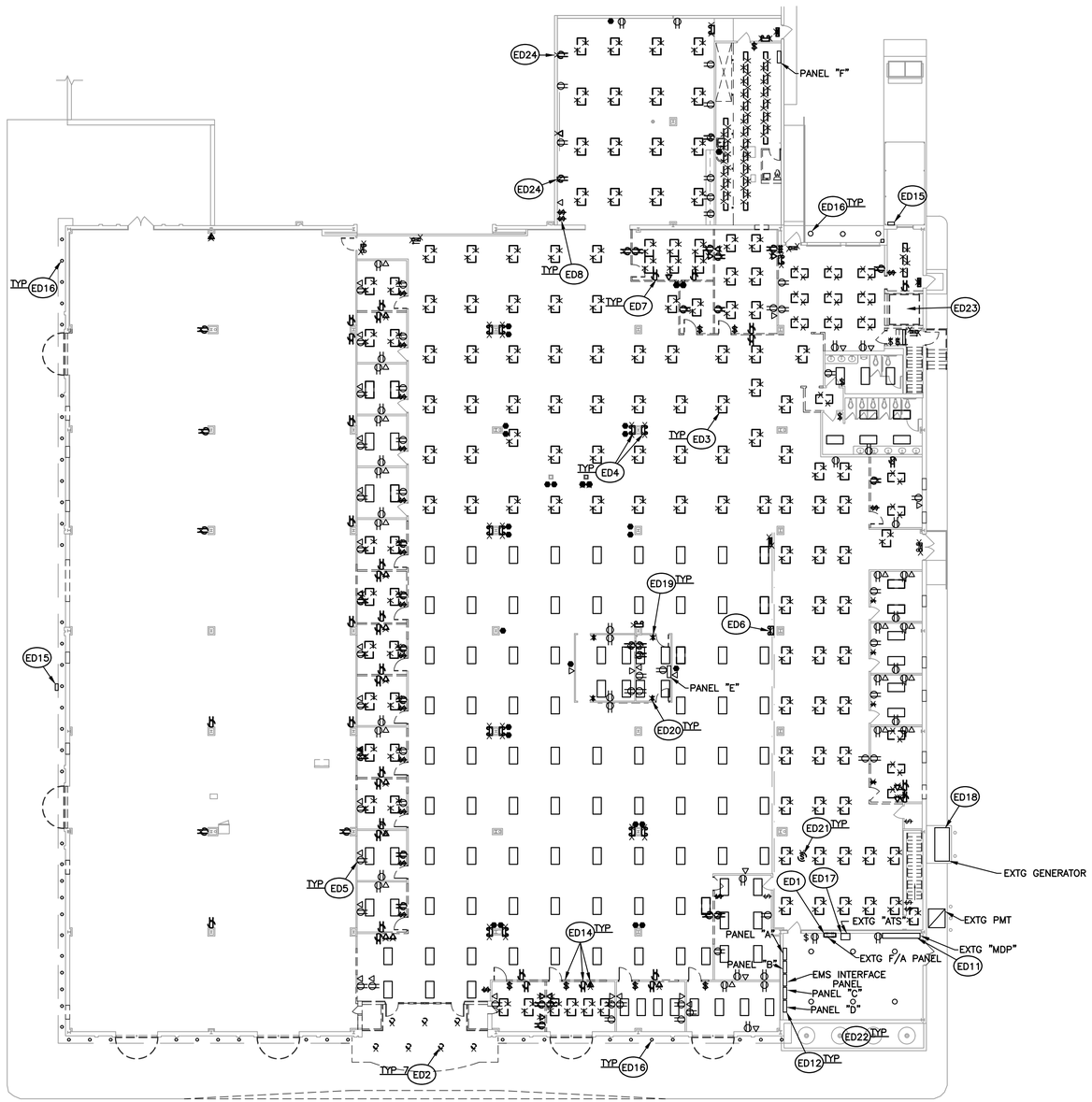
PROFESSIONAL ENGINEER
REGISTERED PROFESSIONAL ENGINEER
10/04/2024

DRAWN BY: JDK
CHK'D BY: TGS
JOB # 1963
DATE: 08/2024

HVAC
DETAILS

M3.2



N

FIRST FLOOR PLAN DEMOLITION – ELECTRICAL

SCALE: 1/16" = 1'-0"

ELECTRICAL DEMOLITION NOTES

—✕—✕—✕— EXISTING TO BE REMOVED
———— EXISTING TO REMAIN

ED1 DISCONNECT AND REMOVE THE EXISTING F/A SYSTEM IN IT'S ENTIRETY.

ED2 DISCONNECT AND REMOVE EXISTING SOFFIT LIGHTING FIXTURE AND CONDUCTORS/CONDUIT TO SOURCE.

ED3 DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURE AND RETAIN CIRCUIT FOR RE-USE.

ED4 DISCONNECT AND REMOVE EXISTING EMERGENCY LIGHTING FIXTURE. RETAIN EXISTING CONDUCTORS FOR RE-USE.

ED5 EXISTING RECEPTACLE TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

ED6 DISCONNECT AND REMOVE EXISTING EXIT SIGN/EMERGENCY FIXTURE AND CONDUCTORS/CONDUIT TO SOURCE.

ED7 DISCONNECT AND REMOVE EXISTING RECEPTACLE AND CONDUCTORS/CONDUIT TO SOURCE. WHERE RECEPTACLE IS BEING REMOVED FROM WALL THAT IS TO REMAIN, CONDUIT AND BACK BOX MAY REMAIN IN WALL. REMOVE CONDUCTORS TO SOURCE AND PATCH WALL AS DIRECTED BY THE ARCHITECT.

ED8 DISCONNECT AND REMOVE EXISTING LIGHTING SWITCH.

ED9 EXISTING CAMERAS AND ASSOCIATED CONDUCTORS/CONDUIT ARE TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION. WHERE DEMOLITION AND NEW CONSTRUCTION INDICATED ON ARCHITECTURAL DRAWINGS INTERRUPT EXISTING CAMERAS, THIS CONTRACTOR SHALL RELOCATE CAMERA AS DIRECTED BY THE ARCHITECT.

ED10 CONTRACTOR SHALL REPAIR/REPLACE AND FEED THRU BRANCH CIRCUIT WIRING DAMAGED OR INTERRUPTED BY DEMOLITION.

ED11 EXISTING 208Y/120V, 3ø, 4W, 1600A SWITCHBOARD TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

ED12 EXISTING PANELBOARD TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

ED13 PROVIDE ELECTRICAL DEMOLITION ASSOCIATED WITH MECHANICAL DEMOLITION. RE: MECHANICAL DEMOLITION PLANS.

ED14 PROVIDE DEMOLITION OF POWER/DATA RECEPTACLES AND ANY OTHER ELECTRICAL DEVICES IN WALLS BEING DEMOLISHED WHETHER INDICATED ON THIS DRAWING OR NOT.

ED15 EXISTING WALLPACK TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

ED16 RETROFIT EXISTING SOFFIT LIGHT FIXTURE WITH LED EQUIVALENT LAMPS WITH EQUIVALENT LUMEN OUTPUT. COLOR TEMPERATURE SHALL BE 4000° K. RETAIN EXISTING CIRCUIT(S) FOR RE-USE. REFERENCE NEW WORK ON OTHER SHEETS FOR REQUIRED CONTROLS.

ED17 EXISTING AUTOMATIC TRANSFER SWITCH TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

ED18 EXISTING GENERATOR TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

ED19 WHERE LIGHT SWITCH IS BEING REMOVED FROM A WALL THAT IS TO REMAIN, AND WHERE A NEW LIGHT SWITCH IS INDICATED IN THE SAME LOCATION, REUSE THE EXISTING BACKBOX AND CONDUIT TO ACCOMMODATE NEW SWITCH. RE: NEW WORK ON SHEETS E1.3 AND E1.4.

ED20 WHERE LIGHT SWITCH IS BEING REMOVED AND WHERE A NEW SWITCH IS NOT INDICATED TO BE INSTALLED IN THE SAME LOCATION, BACKBOX AND CONDUIT IN WALL SHALL REMAIN AND WALL SHALL BE PATCHED AS DIRECTED BY THE ARCHITECT. REMOVE EXISTING CONDUCTORS TO SOURCE.

ED21 DISCONNECT AND REMOVE ALL EXISTING CEILING MOUNTED SPEAKERS, WHETHER INDICATED ON DRAWINGS OR NOT, AND ASSOCIATED CONDUCTORS TO SOURCE. FIELD VERIFY EXACT QUANTITY AND LOCATION OF ALL SPEAKERS.

ED22 DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURES AT FLAG POLES. RETAIN EXISTING CIRCUITS FOR RE-USE.

ED23 PROVIDE ELECTRICAL DEMOLITION ASSOCIATED WITH DEMOLITION OF EXISTING ELEVATOR. REFERENCE ARCHITECTURAL DRAWINGS AND VERIFY EXACT REQUIREMENTS.

ED24 DISCONNECT AND REMOVE EXISTING DATA/POWER OUTLET AND RETAIN FOR RELOCATION TO NEW LOCATION AND MOUNTING HEIGHT. RE: NEW WORK ON SHEET E1.2. RETAIN CIRCUIT FOR RE-USE.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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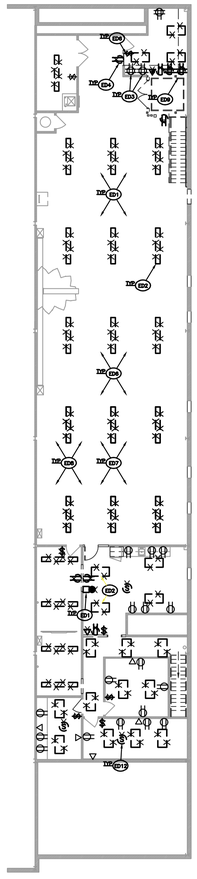
IN THE DISCIPLINE OF
ELECTRICAL ENGINEERING

DRAWN BY: JDK
CHK'D BY: TGS
JOB # 1963
DATE: 08/2024

1ST FLOOR PLAN
DEMOLITION -
ELECTRICAL

ED1.1



N

SECOND FLOOR PLAN DEMOLITION – ELECTRICAL

SCALE: 1/16" = 1'–0"

ELECTRICAL DEMOLITION NOTES

—×—×— EXISTING TO BE REMOVED
——— EXISTING TO REMAIN

ED1 DISCONNECT AND REMOVE THE EXISTING F/A SYSTEM IN IT'S ENTIRETY.

ED2 DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURE AND RETAIN CIRCUIT FOR RE–USE.

ED3 EXISTING RECEPTACLE TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION.

ED4 DISCONNECT AND REMOVE EXISTING RECEPTACLE AND CONDUCTORS/CONDUIT TO SOURCE. WHERE RECEPTACLE IS BEING REMOVED FROM WALL THAT IS TO REMAIN, CONDUIT AND BACK BOX MAY REMAIN IN WALL. REMOVE CONDUCTORS TO SOURCE AND PATCH WALL AS DIRECTED BY THE ARCHITECT.

ED5 DISCONNECT AND REMOVE EXISTING LIGHTING SWITCH.

ED6 EXISTING CAMERAS AND ASSOCIATED CONDUCTORS/CONDUIT ARE TO REMAIN. PROTECT DURING DEMOLITION AND NEW CONSTRUCTION. WHERE DEMOLITION AND NEW CONSTRUCTION INDICATED ON ARCHITECTURAL DRAWINGS INTERRUPT EXISTING CAMERAS, THIS CONTRACTOR SHALL RELOCATE CAMERA AS DIRECTED BY THE ARCHITECT.

ED7 CONTRACTOR SHALL REPAIR/REPLACE AND FEED THRU BRANCH CIRCUIT WIRING DAMAGED OR INTERRUPTED BY DEMOLITION.

ED8 PROVIDE ELECTRICAL DEMOLITION ASSOCIATED WITH MECHANICAL DEMOLITION. RE: MECHANICAL DEMOLITION PLANS.

ED9 PROVIDE DEMOLITION OF POWER/DATA RECEPTACLES AND ANY OTHER ELECTRICAL DEVICES IN WALLS BEING DEMOLISHED WHETHER INDICATED ON THIS DRAWING OR NOT. REFERENCE ARCHITECTURAL DRAWINGS.

ED10 WHERE LIGHT SWITCH IS BEING REMOVED FROM A WALL THAT IS TO REMAIN, AND WHERE A NEW LIGHT SWITCH IS INDICATED IN THE SAME LOCATION, REUSE THE EXISTING BACKBOX AND CONDUIT TO ACCOMMODATE NEW SWITCH. RE: NEW WORK ON SHEET E2.2.

ED11 WHERE LIGHT SWITCH IS BEING REMOVED AND WHERE A NEW SWITCH IS NOT INDICATED TO BE INSTALLED IN THE SAME LOCATION, BACKBOX AND CONDUIT IN WALL SHALL REMAIN AND WALL SHALL BE PATCHED AS DIRECTED BY THE ARCHITECT. REMOVE EXISTING CONDUCTORS TO SOURCE.

ED12 DISCONNECT AND REMOVE ALL EXISTING CEILING MOUNTED SPEAKERS, WHETHER INDICATED ON DRAWINGS OR NOT, AND ASSOCIATED CONDUCTORS TO SOURCE. FIELD VERIFY EXACT QUANTITY AND LOCATION OF ALL SPEAKERS.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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ELECTRICAL ENGINEERING

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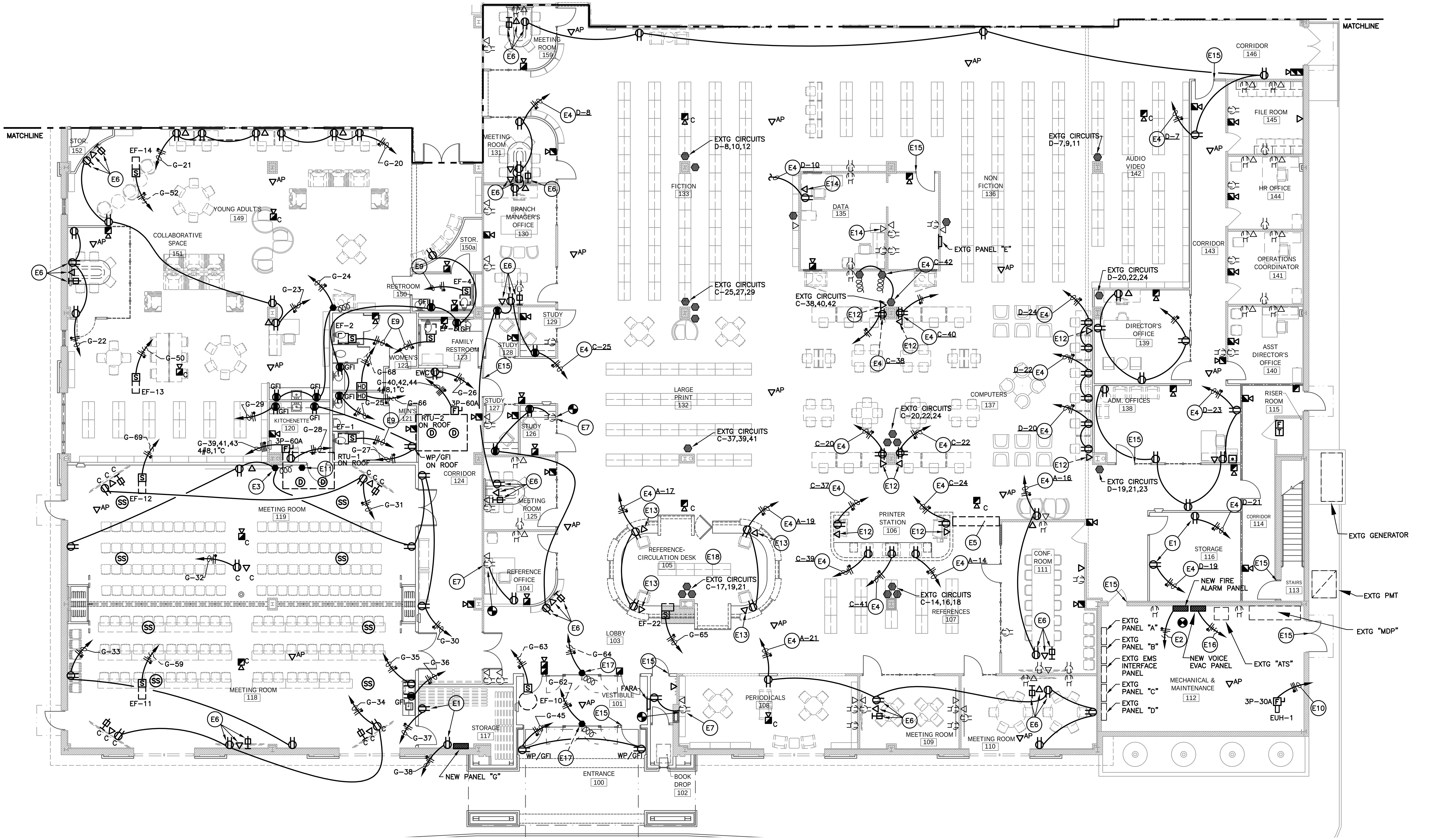
2ND FLOOR PLAN
DEMOLITION -
ELECTRICAL

ED2.1



ELECTRICAL NOTES:

- — — — — EXISTING TO REMAIN
- ———— NEW CONSTRUCTION

(E1) COORDINATE THE EXACT REQUIREMENTS OF LAPTOP CHARGER WITH THE ARCHITECT AND OWNER PRIOR TO ROUGH–IN. ADJUST CIRCUIT AS REQUIRED.

(E2) REUSE EXISTING POWER THAT PREVIOUSLY SERVED THE FIRE ALARM PANEL AND CONNECT TO NEW FIRE ALARM PANEL.

(E3) PROVIDE POWER FOR MOTORIZED PROJECTOR SCREENS. COORDINATE THE EXACT REQUIREMENTS WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.

(E4) EXTEND NEW CONDUIT AND CONDUCTORS AND CONNECT TO CIRCUIT INDICATED AT EXISTING JUNCTION BOX ABOVE CEILING AT COLUMN.

(E5) SAWCUT SLAB TO WALL FOR UNDERSLAB CONDUIT RUN.

(E6) COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES FOR MONITOR WITH ARCHITECTURAL PLANS PRIOR TO ROUGH–IN.

(E7) EXTEND CONDUCTORS AND CONDUIT FROM NEW RECEPTACLE AND CONNECT TO EXISTING RECEPTACLE CIRCUIT.

(E8) PROVIDE ALL FLOW AND TAMPER CONNECTIONS REQUIRED BY FIRE SPRINKLER RISER.

(E9) CONNECT TO ROOM LIGHTING CIRCUIT AND INTERLOCK WITH ROOM LIGHT SWITCH.

(E10) EXTEND 3#10, 3/4"C AND CONNECT TO NEW 3P–20A BREAKER 208V PANEL WITH SUFFICIENT SPACE AND CAPACITY.

PARTIAL FIRST FLOOR PLAN – POWER

SCALE: 1/8" = 1'–0"

(E11) PROVIDE ROUGH–IN FOR SCREEN CONTROL. PROVIDE 3/4" C FROM BACKBOX AND STUB UP ABOVE ACCESSIBLE CEILING. PROVIDE NYLON PULL STRING.

(E12) PROVIDE FOUR (4) PORTS AND FOUR (4) CABLES AT OUTLET.

(E13) PROVIDE THREE (3) PORTS AND THREE (3) CABLES AT OUTLET.

(E14) PROVIDE SIX (6) PORTS AND SIX (6) CABLES AT OUTLET.

(E15) PROVIDE PROVISIONS FOR ACCESS CONTROL. RE: SECURE ENTRY DOOR ELEVATION – SECURITY ROUGH–IN ON SHEET E3.3.

(E16) EXTEND 3#12, 1/2"C TO NEW 1P–20A BREAKER IN EXISTING 120V PANEL WITH SUFFICIENT SPACE AND CAPACITY.

(E17) COORDINATE THE EXACT REQUIREMENTS OF AUTOMATIC DOOR WITH ARCHITECTURAL PLANS AND SPECS PRIOR TO ROUGH–IN.

(E18) ROUTE DATA AND POWER CIRCUITS SERVING AREA 105 DOWN IN COLUMN AND AROUND MILLWORK. SAWCUTTING IN THIS AREA SHALL NOT BE ACCEPTABLE.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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BRADLEY M. SMOAK
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PROFESSIONAL ENGINEER
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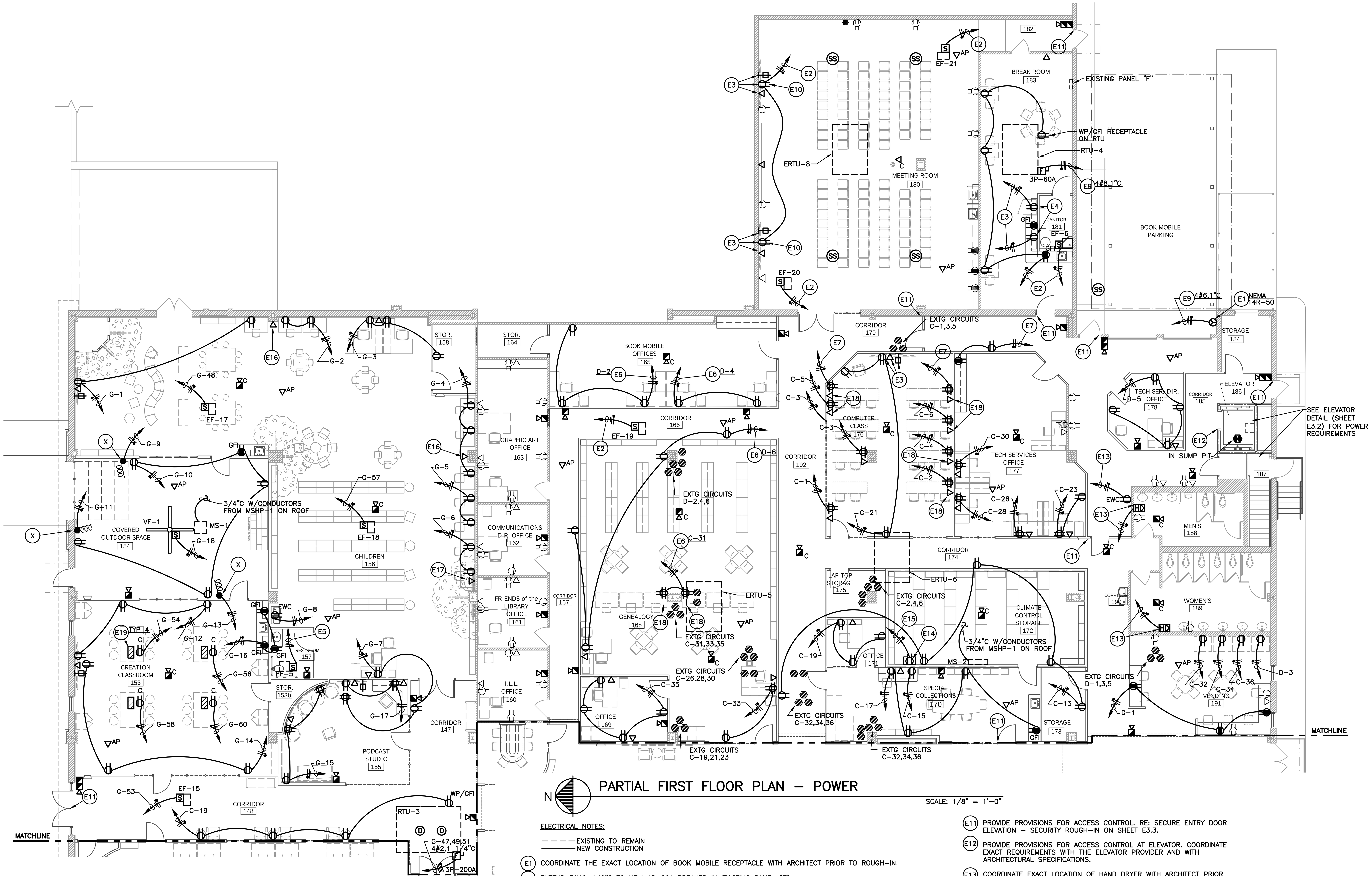
DRAWN BY: JDK
CHK'D BY: TGS
JOB # 1963
DATE: 08/2024

PARTIAL 1ST FLOOR PLAN - POWER

E1.1



PARTIAL FIRST FLOOR PLAN – POWER

SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:

- – – – EXISTING TO REMAIN
- ——— NEW CONSTRUCTION

E1 COORDINATE THE EXACT LOCATION OF BOOK MOBILE RECEPTACLE WITH ARCHITECT PRIOR TO ROUGH–IN.

E2 EXTEND 3#12–1/2"C TO NEW 1P–20A BREAKER IN EXISTING PANEL "F".

E3 COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES FOR MONITOR WITH ARCHITECTURAL PLANS PRIOR TO ROUGH–IN.

E4 PROVIDE GFI BREAKER.

E5 CONNECT TO ROOM LIGHTING CIRCUIT AND INTERLOCK WITH LIGHT SWITCH. RE: MECHANICAL DRAWINGS AND PROVIDE ALL ELECTRICAL REQUIREMENTS.

E6 EXTEND NEW CONDUIT CONDUCTORS AND CONNECT TO CIRCUIT INDICATED AT EXISTING JUNCTION BOX ABOVE CEILING AT COLUMN.

E7 EXTEND NEW CONDUIT AND CONDUCTORS AND CONNECT TO NEW 1P–20A BREAKER IN EXISTING PANEL "F".

E8 EXTEND NEW CONDUIT AND CONDUCTORS AND CONNECT TO NEW 2P–50A BREAKER IN EXISTING PANEL "F".

E9 EXTEND NEW CONDUIT AND CONDUCTORS AND CONNECT TO NEW 3P–40A BREAKER IN EXISTING PANEL "F".

E10 INSTALL RECEPTACLE RETAINED FROM DEMOLITION. EXTEND CONDUIT AND CONDUCTORS AND CONNECT TO EXISTING CIRCUIT RETAIN FROM DEMOLITION.

E11 PROVIDE PROVISIONS FOR ACCESS CONTROL. RE: SECURE ENTRY DOOR ELEVATION – SECURITY ROUGH–IN ON SHEET E3.3.

E12 PROVIDE PROVISIONS FOR ACCESS CONTROL AT ELEVATOR. COORDINATE EXACT REQUIREMENTS WITH THE ELEVATOR PROVIDER AND WITH ARCHITECTURAL SPECIFICATIONS.

E13 COORDINATE EXACT LOCATION OF HAND DRYER WITH ARCHITECT PRIOR TO ROUGH–IN. EXTEND 3#12, 1/2"C TO NEW 1P–20A BREAKER IN EXISTING 120V PANEL WITH SUFFICIENT SPACE AND CAPACITY.

E14 COORDINATE THE EXACT LOCATION OF THE DEHUMIDIFIER WITH THE OWNER AND ARCHITECT PRIOR TO ROUGH–IN OF RECEPTACLE.

E15 EXTEND 3#12, 1/2"C TO NEW 1P–20A BREAKER IN EXISTING 120V PANEL WITH SUFFICIENT SPACE AND CAPACITY.

E16 PROVIDE FOUR (4) PORTS AND FOUR (4) CABLES AT OUTLET.

E17 PROVIDE SIX (6) PORTS AND SIX (6) CABLES AT OUTLET.

E18 PROVIDE THREE (3) PORTS AND THREE (3) CABLES AT OUTLET.

E19 PROVIDE A STRUCTURE MOUNTED CORD REEL. CORD REEL SHALL HAVE A 20A DUPLEX RECEPTACLE PENDANT OUTLET, BALL STOP, #12 AWG, AND 30' CORD LENGTH. CORD REEL SHALL BE REELCRAFT #L45451237A OR EQUAL.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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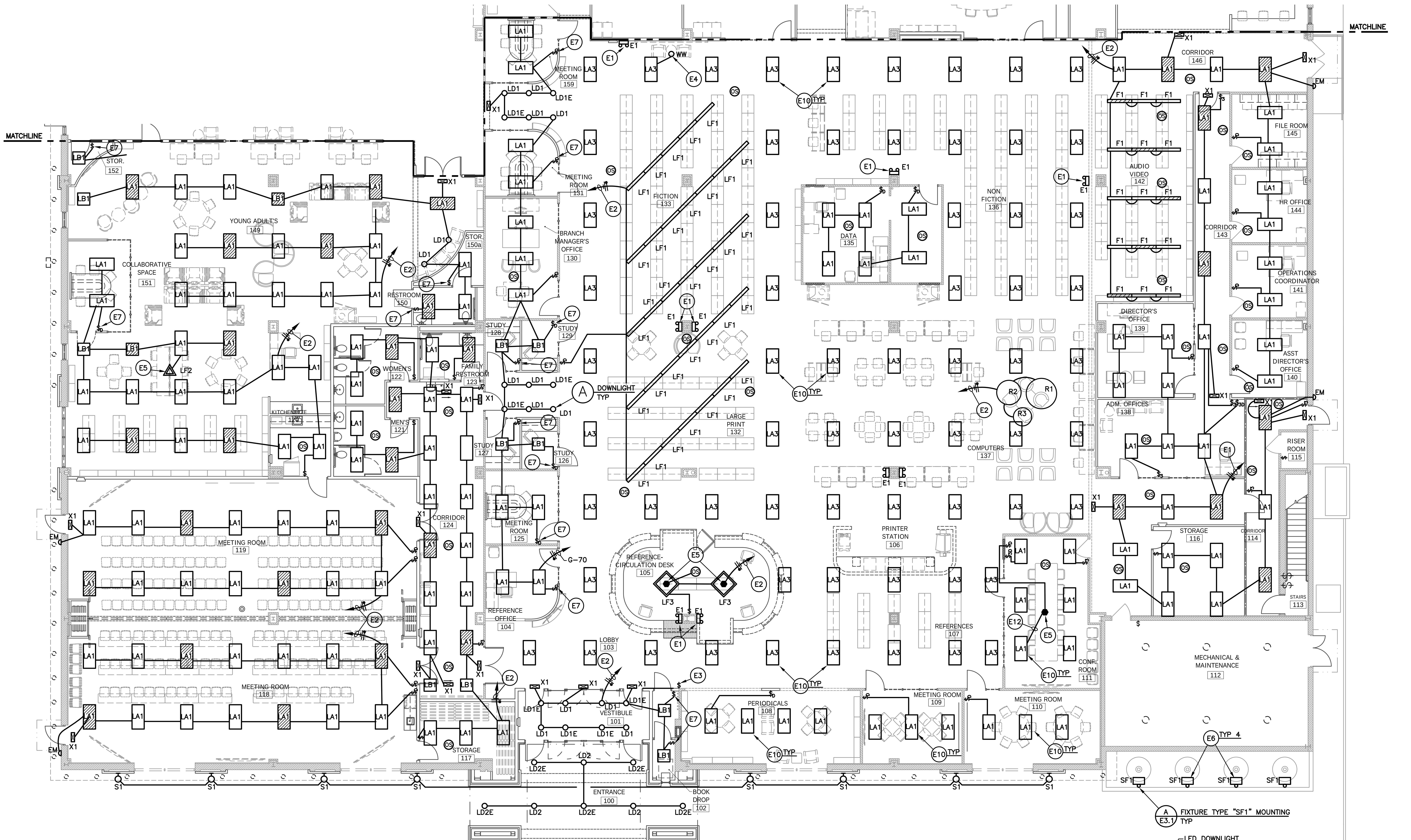
PARTIAL 1ST FLOOR PLAN - POWER

E1.2



PARTIAL FIRST FLOOR PLAN – LIGHTING

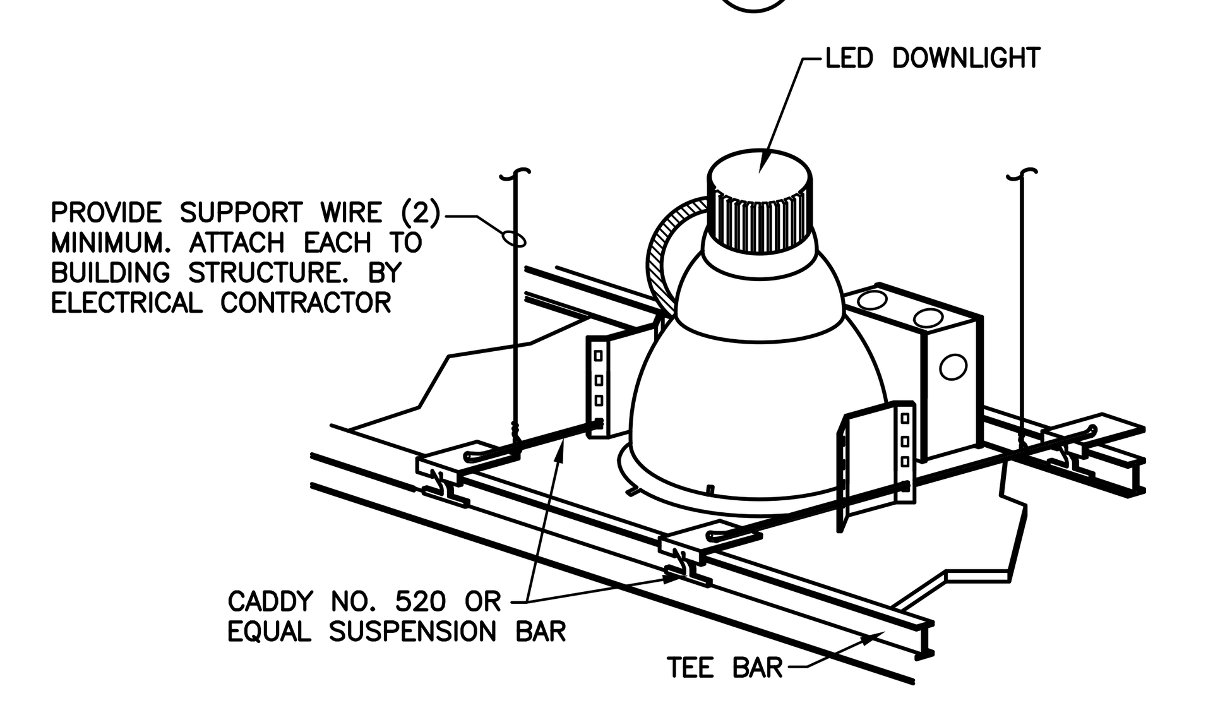
SCALE: 1/8" = 1'-0"

E10 NEW FIXTURE WITH NO CIRCUITING INDICATED IS A "ONE-FOR-ONE" REPLACEMENT AND SHALL BE RECONNECTED TO EXISTING CIRCUIT RETAINED FROM DEMOLITION. CONNECT TO EXISTING OR RELOCATED LIGHT SWITCH THAT PREVIOUSLY CONTROLLED LIGHTING FIXTURES.

ELECTRICAL NOTES:

– – – – EXISTING TO REMAIN
——— NEW CONSTRUCTION

- E1 EXTEND AND CONNECT TO EXISTING CIRCUIT RETAINED FROM DEMOLITION THAT PREVIOUSLY SERVED EMERGENCY LIGHTS IN THIS VICINITY.
- E2 EXTEND AND CONNECT TO EXISTING LIGHTING CIRCUIT RETAINED FROM DEMOLITION, THAT IS DEDICATED TO LIGHTING LOADS ONLY; OR EXTEND AND CONNECT TO NEW OR UNUSED 1P–20A BREAKER IN EXISTING 120V PANEL WITH SUFFICIENT SPACE AND CAPACITY.
- E3 REINSTALL EXISTING LIGHTING SWITCH THAT PREVIOUSLY CONTROLLED LIGHTING FIXTURES IN MAIN LIBRARY AREA. EXTEND AND CONNECT CONDUCTORS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM
- E4 EXTEND AND CONNECT TO EXISTING LIGHTING CIRCUIT.
- E5 PROVIDE FIXTURE AS DIRECTED BY THE ARCHITECT.
- E6 CONNECT TO EXISTING POWER. ROUTE CIRCUITS THRU CONTACTOR.
- E7 PROVIDE A WALL MOUNT VACANCY SENSOR, LUTRON MAESTRO OR EQUAL.
- E8 REFERENCE GENERAL LIGHTING NOTES ON SHEET E3.2.
- E9 SWITCHING AND OCCUPANCY SENSORS ARE INDICATED AS LINE VOLTAGE FOR ILLUSTRATION ONLY. ALL CONTROLS, OCCUPANCY SENSORS, POWER PACKS, ETC. SHALL BE LOW VOLTAGE. CONTRACTOR SHALL PROVIDE LIGHTING CONTROL SHOP DRAWINGS WITH LIGHTING FIXTURE SUBMITTAL PACKAGE INDICATION ALL COMPONENTS, WIRING DIAGRAM, ETC. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.



A DETAIL – DOWNLIGHT

TYPICAL FOR ALL LIGHTING FIXTURES — NO SCALE

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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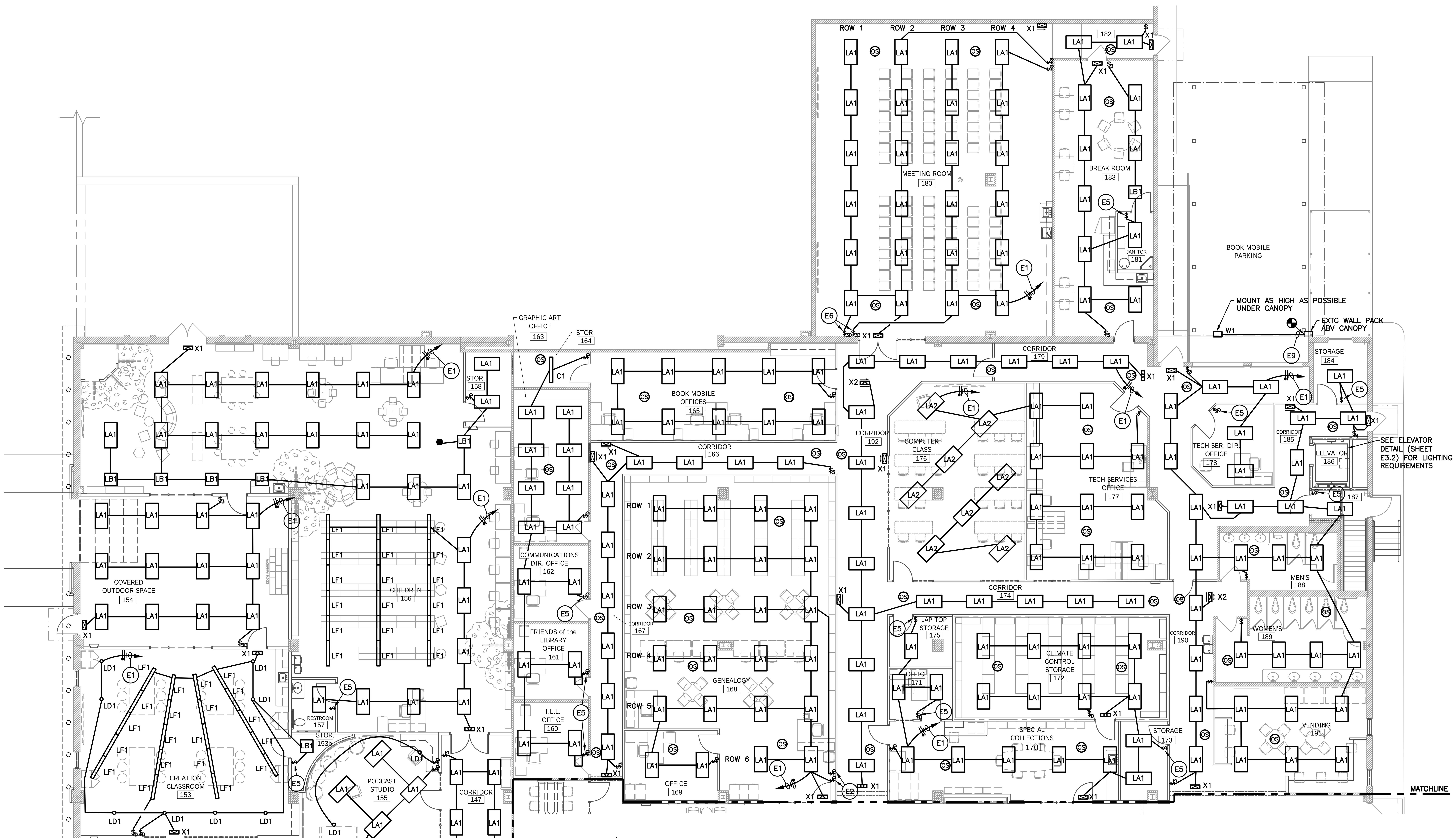
PARTIAL 1ST FLOOR PLAN - LIGHTING



PARTIAL FIRST FLOOR PLAN – LIGHTING

SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:

– – – – EXISTING TO REMAIN
——— NEW CONSTRUCTION

(E1) EXTEND AND CONNECT TO EXISTING LIGHTING CIRCUIT RETAINED FROM DEMOLITION, THAT IS DEDICATED TO LIGHTING LOADS ONLY; OR EXTEND AND CONNECT TO NEW OR UNUSED 1P–20A BREAKER IN EXISTING 120V PANEL WITH SUFFICIENT SPACE AND CAPACITY. FIELD VERIFY.

(E2) SWITCH ROWS 1,2, & 3 TOGETHER, AND ROWS 4,5, & 6 TOGETHER.

(E3) PROVIDE FIXTURE AS DIRECTED BY THE ARCHITECT.

(E4) CONNECT TO EXISTING POWER. ROUTE CIRCUITS THRU CONTACTOR.

(E5) CONNECT TO EXISTING POWER. PROVIDE A WALL MOUNT VACANCY SENSOR, LUTRON MAESTRO OR EQUAL.

(E6) SWITCH ROWS 1&2 TOGETHER, AND ROWS 3&4 TOGETHER.

(E7) REFERENCE GENERAL LIGHTING NOTES ON SHEET E3.2.

(E8) SWITCHING AND OCCUPANCY SENSORS ARE INDICATED AS LINE VOLTAGE FOR ILLUSTRATION ONLY. ALL CONTROLS, OCCUPANCY SENSORS, POWER PACKS, ETC. SHALL BE LOW VOLTAGE. CONTRACTOR SHALL PROVIDE LIGHTING CONTROL SHOP DRAWINGS WITH LIGHTING FIXTURE SUBMITTAL PACKAGE INDICATION ALL COMPONENTS, WIRING DIAGRAM, ETC. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

(E9) CONNECT TO EXISTING EXTERIOR LIGHTING FIXTURE CIRCUIT.

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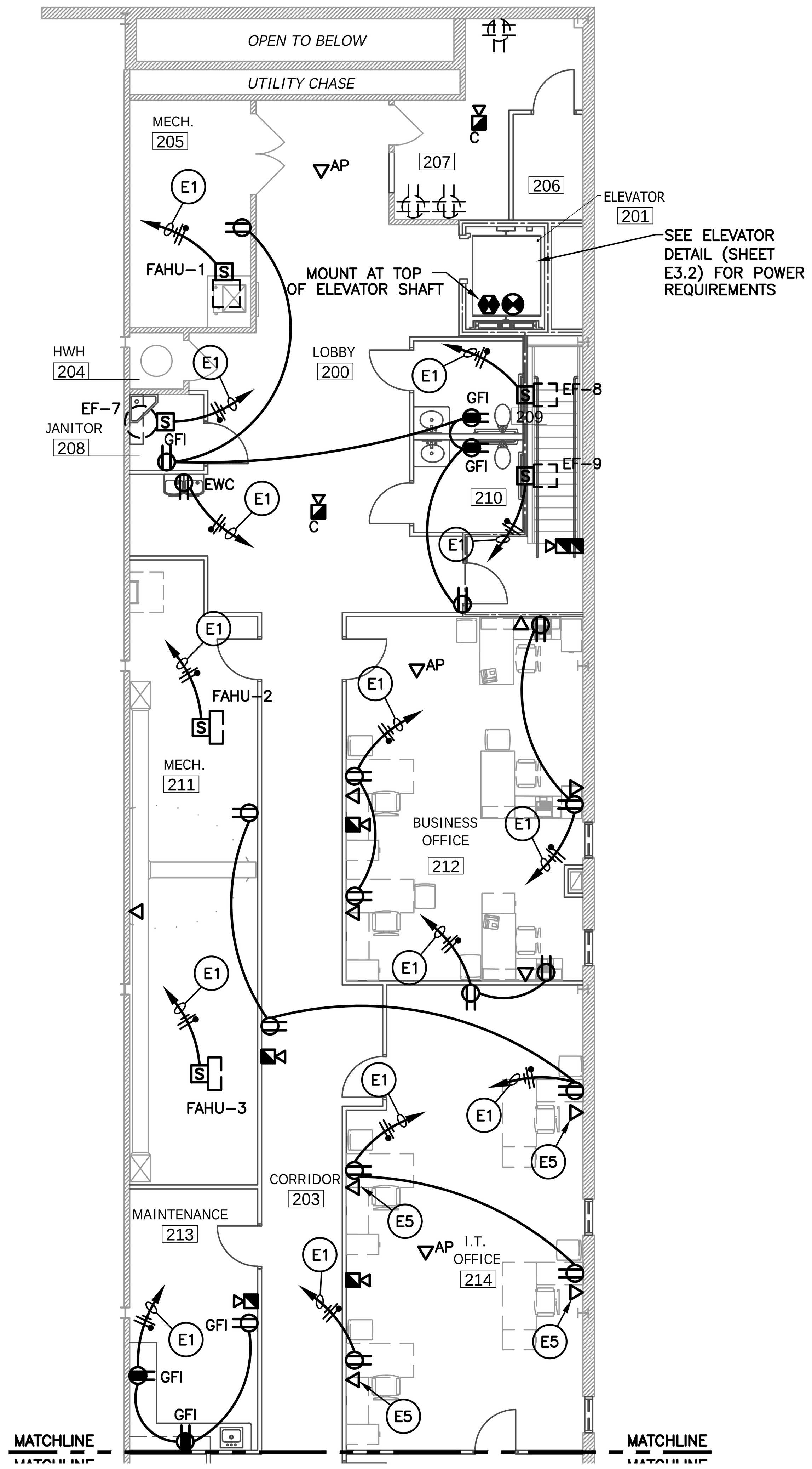
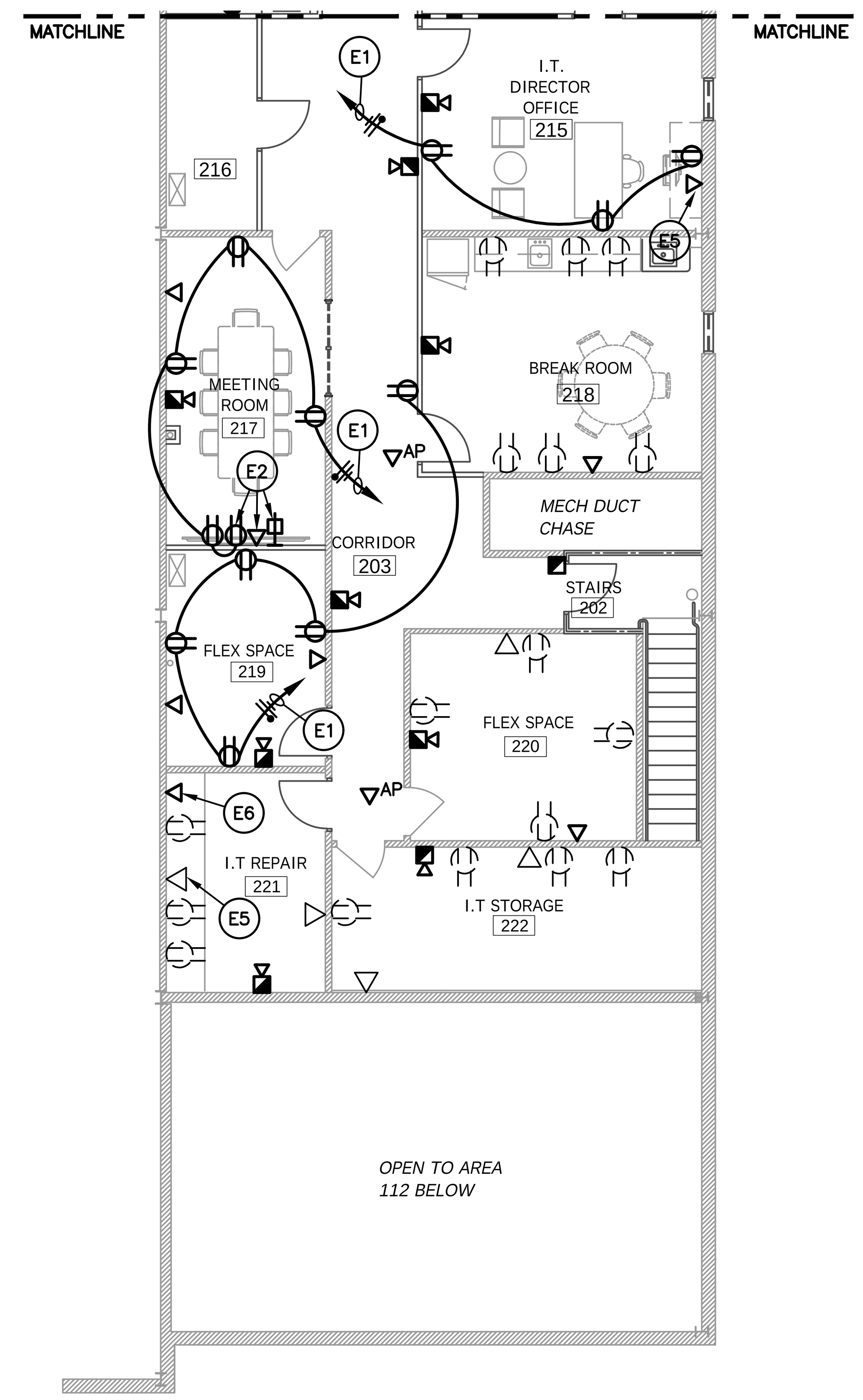
PARTIAL 1ST FLOOR PLAN - LIGHTING

E1.4



PARTIAL SECOND FLOOR PLAN – POWER

SCALE: 1/8" = 1'-0"



PARTIAL SECOND FLOOR PLAN – POWER

SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:

— — — — EXISTING TO REMAIN
———— NEW CONSTRUCTION

(E1) EXTEND AND CONNECT TO EXISTING 120V CIRCUIT RETAINED FROM DEMOLITION WITH NO OTHER CONNECTED LOADS; OR EXTEND AND CONNECT TO NEW OR UNUSED 1P-20A BREAKER IN EXISTING 120V PANEL WITH SUFFICIENT SPACE AND CAPACITY.

(E2) COORDINATE THE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLES FOR MONITOR WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.

(E3) PROVIDE 4#xx,x"C TO FUSED DISCONNECT IN xxx.

(E4) REFERENCE GENERAL ELECTRICAL NOTES ON SHEET E3.2.

(E5) PROVIDE SIX (6) PORTS AND SIX (6) CABLES AT DATA OUTLET.

(E6) PROVIDE FOUR (4) PORTS AND FOUR (4) CABLES AT DATA OUTLET.

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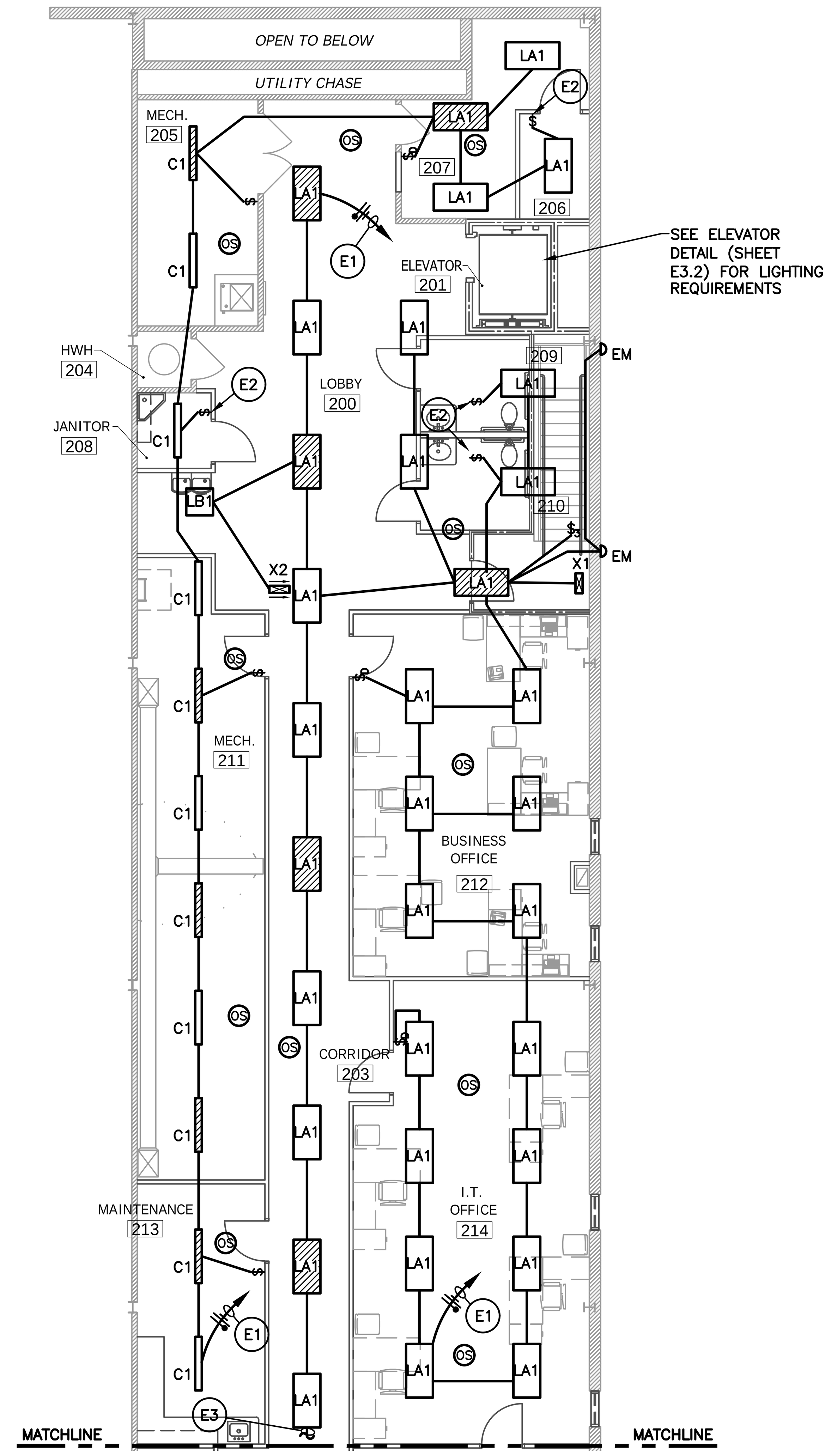
2ND FLOOR
PLAN - POWER

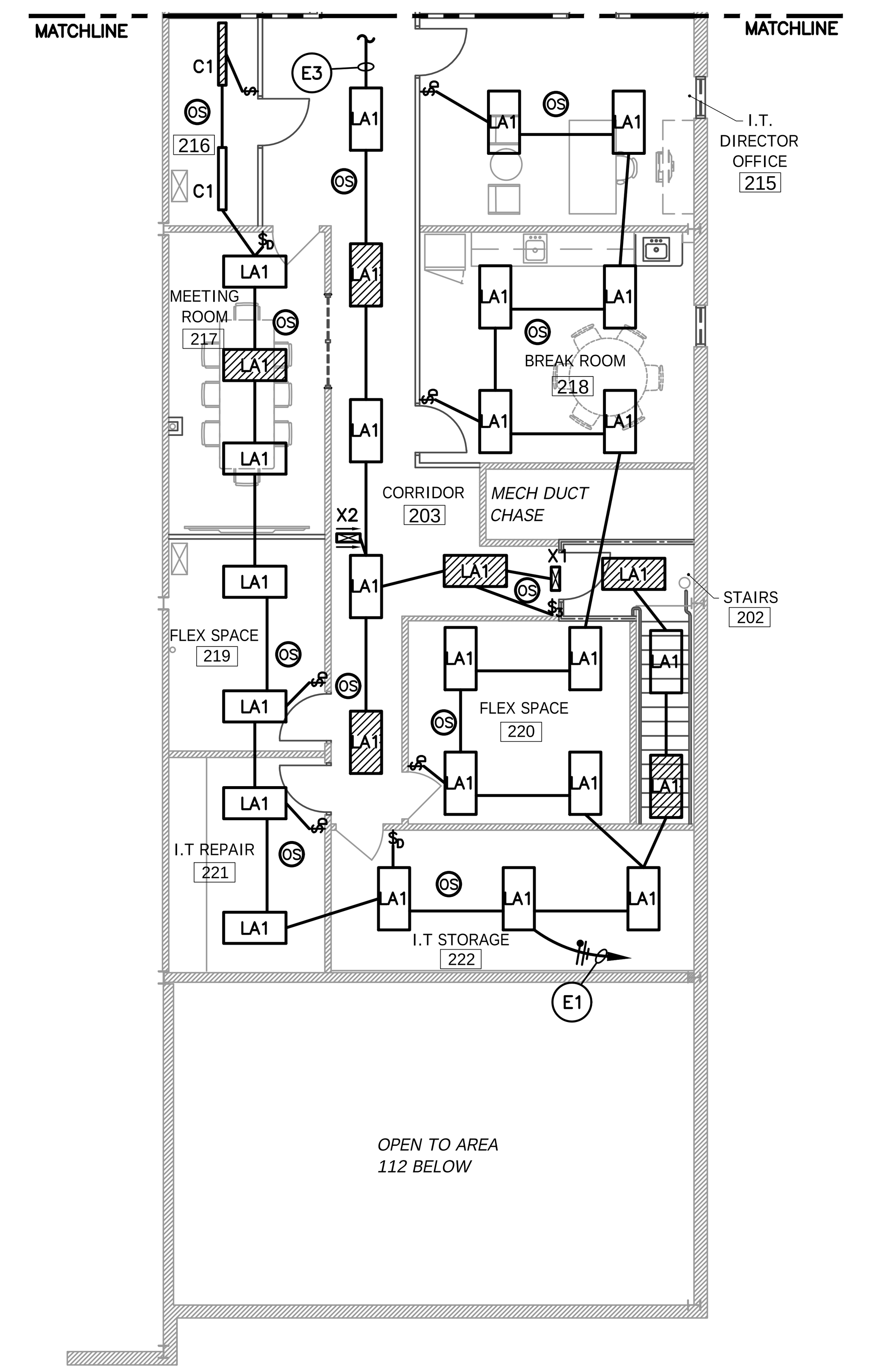
E2.1



N

PARTIAL SECOND FLOOR PLAN – LIGHTING

SCALE: 1/8" = 1'-0"



N

PARTIAL SECOND FLOOR PLAN – LIGHTING

SCALE: 1/8" = 1'-0"

ELECTRICAL NOTES:

– – – – EXISTING TO REMAIN
——— NEW CONSTRUCTION

(E1) EXTEND AND CONNECT TO EXISTING LIGHTING CIRCUIT RETAINED FROM DEMOLITION, THAT IS DEDICATED TO LIGHTING LOADS ONLY; OR EXTEND AND CONNECT TO NEW OR UNUSED 1P-20A BREAKER IN EXISTING 120V PANEL WITH SUFFICIENT SPACE AND CAPACITY.

(E2) PROVIDE A WALL MOUNT VACANCY SENSOR, LUTRON MAESTRO OR EQUAL.

(E3) CORRIDOR LIGHTING FIXTURES SHALL BE ON ONE CIRCUIT. REFERENCE OTHER PARTIAL SECOND FLOOR PLAN ON THIS SHEET FOR CONTINUATION.

(E4) REFERENCE GENERAL LIGHTING NOTES ON SHEET E3.2.

(E5) SWITCHING AND OCCUPANCY SENSORS ARE INDICATED AS LINE VOLTAGE FOR ILLUSTRATION ONLY. ALL CONTROLS, OCCUPANCY SENSORS, POWER PACKS, ETC. SHALL BE LOW VOLTAGE. CONTRACTOR SHALL PROVIDE LIGHTING CONTROL SHOP DRAWINGS WITH LIGHTING FIXTURE SUBMITTAL PACKAGE INDICATION ALL COMPONENTS, WIRING DIAGRAM, ETC. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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2ND FLOOR
PLAN - LIGHTING

E2.2

PANEL "G" (+)

208Y/120 VOLTS, 3 PHASE, 4 WIRE, 400 AMPS, MAIN LUGS ONLY

AMPS. RMS. SYM. I.C. INTEGRATED EQUIPMENT RATING

SERVES	TRIP	CKT	A Ø / B Ø / C Ø	CKT	TRIP	SERVES	
RECEPTS	20	1		2		RECEPTS	
		3		4			
		5		6			
		7		8		EWC	*
MOTORIZED DOOR		9		10		RECEPTS	
		11		12			
		13		14			
RECEPTS		15		16			
		17		18		VF-1	
		19		20		RECEPTS	
		21		22			
		23		24			
		25		26		EWC	
		27		28		REFRIGERATOR	*
MICROWAVE		29		30		RECEPTS	
RECEPTS		31		32		PROJECTOR	
		33		34		RECEPTS	
		35		36			
		37		38			
RTU-1	40	39		40	50	RTU-2	
		41		42			
	3	43		44	3		
RECEPTS	110	45		46	20	LIGHTS	
RTU-3		47		48		EF-17	
	3	49		50		EF-13	
	20	51		52		EF-14	
LIGHTS		53		54		SPARE	
EF-15		55		56			
EF-18		57		58			
EF-11		59		60			
EF-12		61		62			
EF-7		63		64			
EF-22		65		66			
SPARE		67		68			
		69		70		LIGHTS	
SPARE W/BUS		71		72		SPARE W/BUS	
		73		74			
		75		76			
		77		78			
		79		80			
		81		82			
		83		84			

+ INTEGRAL SPD

TOTAL CONN. LOAD _______ KVA

* GFI BREAKER

LIGHTING FIXTURE SCHEDULE

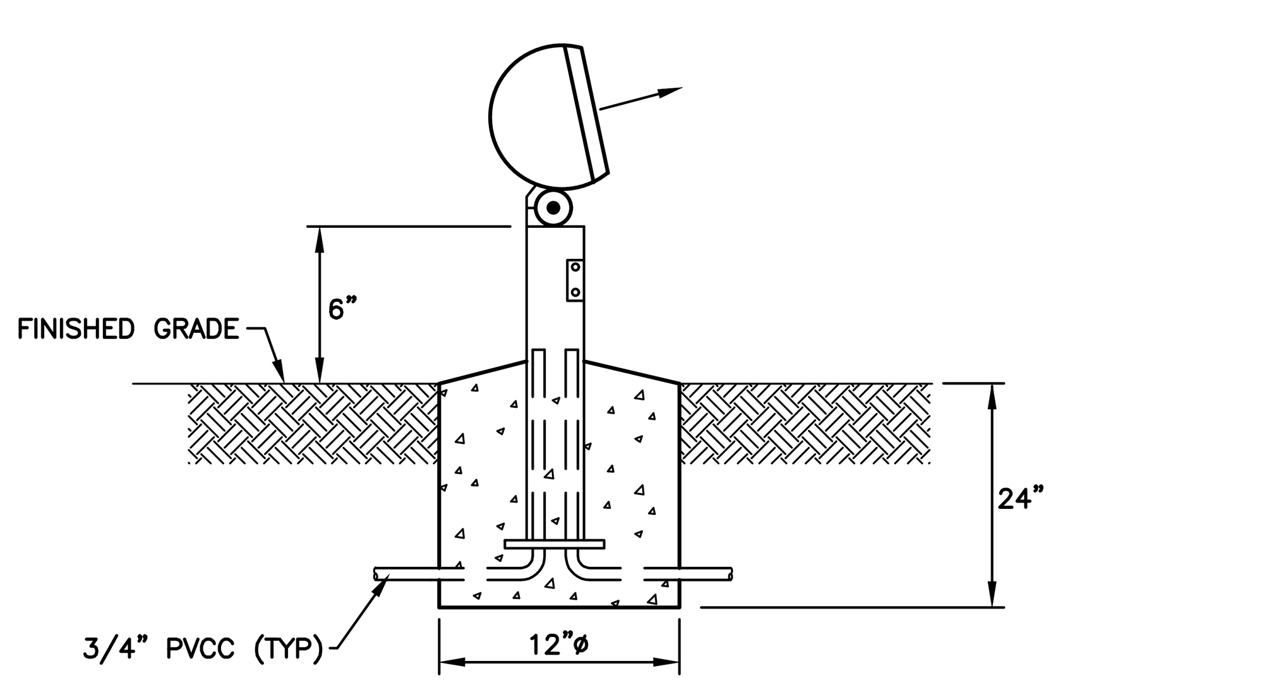
MARK	TYPE	MOUNTING	MANUFACTURER CATALOG NO.	LAMPS QTY & TYPE	DESCRIPTION	ALTERNATE MANUFACTURER
C1	4' LED STRIP LIGHT	CEILING SUSPENDED/ SURFACE	LITHONIA ZL1NL485000LFSTMVOLT35K	LED 3500K	FIXED OUTPUT; LENSED 44W CAP 0–10V WIRES FOR NON–DIMMED FIXTURES.	
LA1	2x4 LED TROFFER FLAT PANEL	CEILING RECESSED GRID	LITHONIA EPANL 2X4 4000LM 80CRI 35K MIN1 MVOLT	LED 3500K 31 WATTS	ACRYLIC LENS; 4000 LUMENS; 0–10V DIMMING TO 1%	
LA2	2x4 LED TROFFER FLAT PANEL	CEILING RECESSED GRID	LITHONIA EPANL 2X4 4800LM 80CRI 35K MIN1 MVOLT	LED 3500K 45 WATTS	ACRYLIC LENS; 4800 LUMENS; 0–10V DIMMING TO 1%	
LA3	2x4 LED TROFFER FLAT PANEL	CEILING RECESSED GRID	LITHONIA EPANL 2X4 6000LM 80CRI 35K MIN1 MVOLT	LED 3500K 55 WATTS	ACRYLIC LENS; 6000 LUMENS; 0–10V DIMMING TO 1%	
LB1	2x2 LED TROFFER FLAT PANEL	CEILING RECESSED GRID	LITHONIA EPANL 2X2 2000LM 80CRI 35K MIN1 MVOLT	LED 3500K 16 WATTS	ACRYLIC LENS; 2000 LUMENS; 0–10V DIMMING TO 1%	
LD1	LED 6" DOWNLIGHT	CEILING RECESSED GRID	GOTHAM IVO6S D 20LM 35K 80CRI MD MIN1 MVOLT	LED 3500K 17.5 WATTS	0–10V DIMMING; 2000 LUMENS; BAR HANGERS; DIFFUSE LENS; WET LOCATION; 0–10V DIMMING TO 1%	
LD2	LED 8" DOWNLIGHT	CEILING RECESSED GRID	GOTHAM EVO8 40/ AR MD LSS 120 GZ1	LED 4000K 47.1 WATTS	0–10V DIMMING; 3000 LUMENS; BAR HANGERS; DIFFUSE LENS; WET LOCATION; 0–10V DIMMING TO 1%	
LF1	4' LED LINEAR	CEILING SUSPENDED	HP–4–P–D–S–835–F–SSA–120–SC	LED 3500K 3.6WATTS/FT	428L/FT FINISH BY ARCHITECT	
LF2	SUSPENDED TRIANGLE	CEILING SUSPENDED	POLP–TRI–ULO–LED–80–4200–35–UNV–D1–RDB	LED 3500K	4200 LUMENS FINISH BY ARCHITECT	
LF3	4' LED LINEAR	CEILING SUSPENDED	POLW–Y–ULO–LED–80–1500–35–UNV–D1–RDB–1–DMB	LED 3500K 3.6WATTS/FT	428L/FT FINISH BY ARCHITECT	
LF4	LED "Y"	WALL SURFACE	POLW–Y–ULO–LED–80–1500–35–UNV–D1–RDB–1–DMB	LED 3500K 3.6WATTS/FT	428L/FT FINISH BY ARCHITECT	
LGFE	WET LOCATION LED	CEILING RECESSED GRID	LITHONIA DMW2L243000LMACL MDMVOLT35K80CRI	LED 3500K	3,000 LUMENS; WET LOCATION; ACRYLIC LENS	
R1	5' PENDANT LED ARCHITECTURAL RING	PENDANT	AXIS SKPE–10005–SL 60/40–CIR–400–80–35–SO–UNV–DP	LED 3500K	DIRECT/INDIRECT RING PENDANT; COLOR AND FINISH AS SELECTED BY ARCHITECT; DIMMABLE	
R2	4' PENDANT LED ARCHITECTURAL RING	PENDANT	AXIS SKPE–10004–SL 60/40–CIR–400–80–35–SO–UNV–DP	LED 3500K	DIRECT/INDIRECT RING PENDANT; COLOR AND FINISH AS SELECTED BY ARCHITECT; DIMMABLE	
R3	3' PENDANT LED ARCHITECTURAL RING	PENDANT	AXIS SKPE–10003–SL 60/40–CIR–400–80–35–SO–UNV–DP	LED 3500K	DIRECT/INDIRECT RING PENDANT; COLOR AND FINISH AS SELECTED BY ARCHITECT; DIMMABLE	
S1	DIRECT/INDIRECT WALL SCONCE	WALL SURFACE	GOTHAM ICO4UDWC 40/ 25 AR LSS 45D	LED 4000K	DIRECT/INDIRECT; 45° BEAM ANGLE; WET LISTED AND IP66 RATED; COLOR & FINISH AS SELECTED BY ARCHITECT	
SF1	FLAG FLOOD LIGHT	STANCHION	LITHONIA DSXF3 LED 6 P2 40K 70CRI MSP MVOLT UBV DDBXD	LED 4000K 169 WATTS	18,603 LUMENS; WET LOCATION; NEMA TYPE 4X4; STANCHION MOUNT; TOP MOUNTED VISOR; COLOR & FINISH AS SELECTED BY ARCHITECT	
SF2	FACADE FLOOD LIGHT	ROOF	LITHONIA DSXF LED P3 40K 70CRI HMF MVOLT DDBXD	LED 4000K 100 WATTS	10,487 LUMENS; WET LOCATION; NEMA TYPE 6X4; COLOR & FINISH AS SELECTED BY ARCHITECT	
W1	WALL PACK	WALL SURFACE	KIM WD14D4E3560L 4KUVDB	LED 4000K 65 WATTS	WET LOCATION; 5000L COLOR & FINISH AS SELECTED BY ARCHITECT	
WW1	WALL WASH	CEILING RECESSED	GOTHAM IVO6S WW 15LM 35K 80CRI MIN1 MVOLT	LED 3500K 13.3 WATTS	1500 LUMENS; 0–10V DIMMING TO 1%; COLOR & FINISH AS SELECTED BY ARCHITECT	
X1	EXIT SIGN–DIE CAST UNIVERSAL	CEILING/ WALL	EELP CA1RAASD	LED	NICAD BATTERY. PLATE ARROWS AS REQUIRED; CAST ALUMINUM HOUSING; SELF DIAGN.	
X2	EXIT SIGN–DIE CAST DOUBLE FACE	CEILING/ WALL	EELP CA2RAASD	LED	NICAD BATTERY. PLATE ARROWS AS REQUIRED; CAST ALUMINUM HOUSING; SELF DIAGN.	

NOTES:

1. CONTRACTOR SHALL SUBMIT FULL RANGE OF FINISHES FOR ALL FIXTURES TO ARCHITECT. ALL FINISHES ARE SELECTED BY ARCHITECT. ANY AND ALL COSTS ASSOCIATED WITH CUSTOM FINISHES SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
2. ALL FIXTURES SHALL BE RATED FOR 120/277V UNLESS NOTED OTHERWISE.
3. ALL INTERIOR LIGHTING FIXTURES SHALL BE 3500K UNLESS NOTED OTHERWISE. ALL EXTERIOR LIGHTING FIXTURES SHALL BE 4000K UNLESS NOTED OTHERWISE.
4. VERIFY MOUNTING OF ALL FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLAN. PROVIDE FLANGE KITS FOR GYPSUM CEILINGS AND SLOPE CEILING ADAPTER KITS WHERE MOUNTING IN SLOPED CEILINGS.
5. VERIFY EXACT MOUNTING HEIGHTS WITH EXTERIOR ELEVATIONS AND WALL FINISHES. EXTERIOR LIGHTING FIXTURES SHALL BE CENTERED ON WALL PANELS, JOINTS, ETC. AND NOT ON RIBS, PROTRUSIONS, ETC. ADJUST LOCATIONS AS REQUIRED.
6. ALL CROSS HATCHED LIGHTING FIXTURES AND FIXTURES DENOTED WITH AN "E" ON PLANS SHALL CONTAIN A 1400 LUMEN, 90 MINUTE MINIMUM, SELF DIAGNOSTIC BATTERY CONNECTED TO UNSWITCHED CONDUCTORS, UNLESS NOTED OTHERWISE.
7. ALL LIGHT FIXTURES SHALL HAVE A MINIMUM WARRANTY OF 5 YEARS.

EXTERIOR LIGHTING CONTROL:

1. PHOTOCELL AUTOMATICALLY TURNS ON/OFF LIGHTING AS A FUNCTION OF AVAILABLE DAYLIGHT.
2. BUILDING FACADE/LANDSCAPE LIGHTING SHALL BE ON/OFF AS FUNCTION OF DAWN/DUSK AND NOT EARLIER THAN 1 HOUR BEFORE BUSINESS OPENING AND 1 HOUR AFTER BUILDING CLOSING TIME PER 7–DAY TIMECLOCK AS CHOSEN BY OWNER.
3. FLAG LIGHTING FIXTURES SHALL BE CONTROLLED SUCH THAT LIGHT FIXTURES SHALL BE "ON" DURING HOURS OF DARKNESS.



A DETAIL – FIXTURE TYPE "SF1" MOUNTING

NO SCALE

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	CONDUIT IN WALL OR ABOVE CEILING
	CONDUIT UNDER FLOOR OR UNDERGROUND
	ARROW INDICATES HOMERUN, TICKMARKS: NEUTRAL, PHASE, GROUND
	POWER PANEL
	SPECIAL PANEL
	JUNCTION BOX; FLUSH FLOOR JUNCTION BOX
F ;	DISCONNECT SWITCH; FUSED; NONFUSED
▽ ; ▼	TELE/DATA OUTLET ; ABOVE COUNTER
▽W	DATA OUTLET MTD TO STRUCTURE AB CLG
	2 POLE; 3 WIRE RECEPTACLE
	DUPLEX RECEPT; ABOVE COUNTER
WP ; GFI	WEATHERPROOF; GROUND FAULT
	QUAD PLEX RECEPTACLE
	RAISED FLOOR MOUNTED RECEPTACLE, DATA
M	GANGED FLOOR BOX
$; $3 ; $4	SINGLE POLE SWITCH; 3–WAY; 4–WAY
$P ; $D ; $K	PILOT LIGHT; DIMMER; KEYED SWITCH
AFF ; C	ABOVE FINISHED FLOOR; CEILING MOUNTED
	FIRE ALARM SYSTEM PULL STATION
	FIRE ALARM SYSTEM SPEAKER/VISUAL SIGNAL
	FIRE ALARM SYSTEM VISUAL SIGNAL
	FIRE ALARM SYSTEM SMOKE DETECTOR
	FIRE ALARM SYSTEM HEAT DETECTOR
D	FIRE ALARM SYSTEM DUCT MOUNTED SMOKE DETECTOR
D	FIRE ALARM SYSTEM DOOR HOLDER
	PUSH BUTTON
S	CEILING INTERCOM SPEAKER
S	WALL MOUNTED INTERCOM SPEAKER/HORN
	CATV OUTLET
	MOTOR
S	MOTOR TOGGLE SWITCH
F T	FLOW AND TAMPER SWITCHES
OS	OCCUPANCY SENSOR, CEILING MOUNTED
FARA	FIRE ALARM REMOTE ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
M	MOTORIZED DAMPER
▽AP	WIRELESS ACCESS POINT
SS	SOUND SYSTEM CEILING SPEAKER

NOTE: SOME SYMBOLS MAY NOT BE USED.

THE CONTRACTOR SHALL BE REQUIRED TO VISIT THE SITE TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A PROPOSAL.

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LOUISIANA Registered Engineering Firm #EF-5818
TEXAS Registered Engineering Firm #F-893

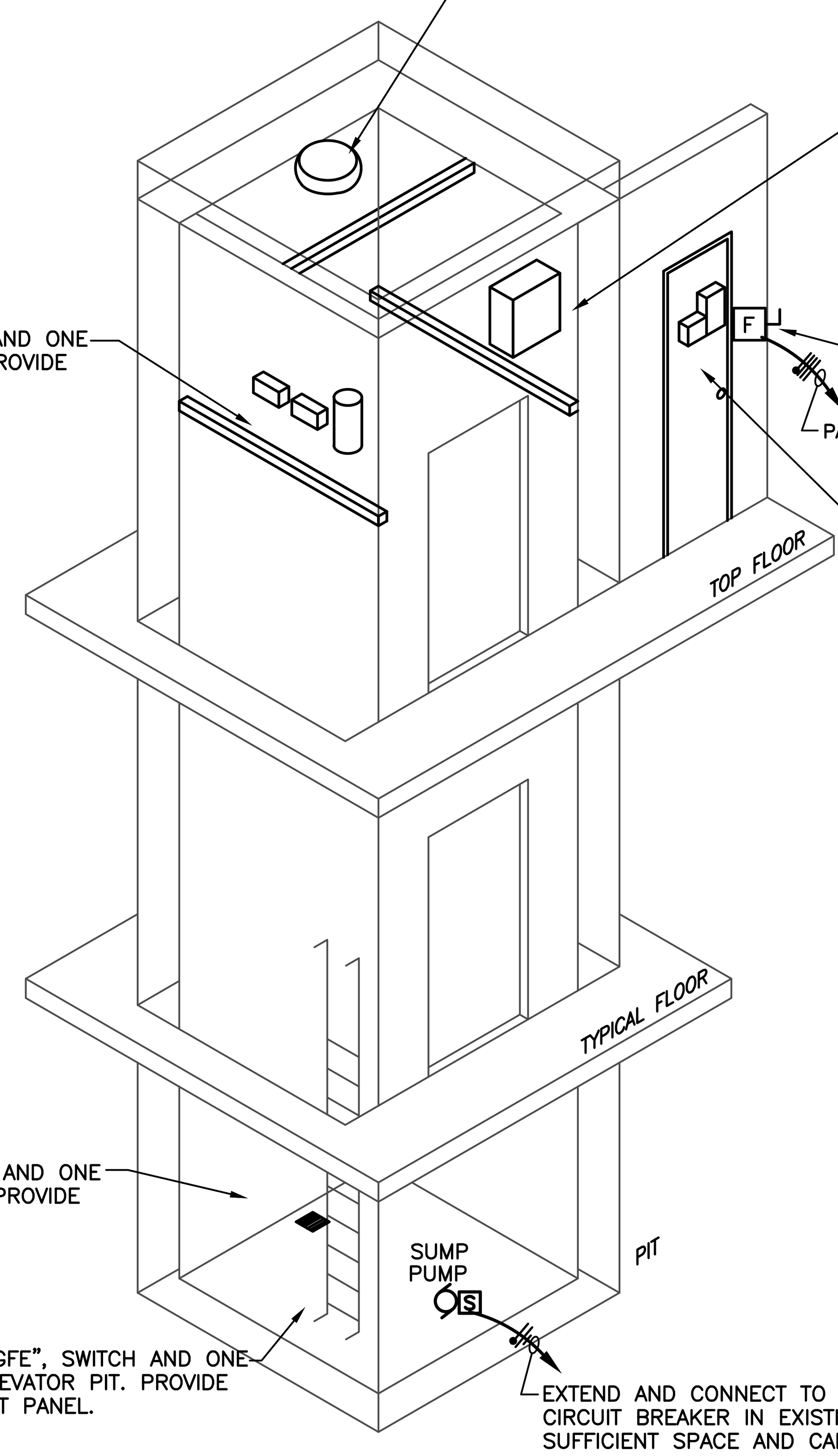
SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM. 5-163-1808-001

STATE OF LOUISIANA
BRADLEY M. SMOAK
License No. 41725
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
09/04/2024

DRAWN BY: JDK
CHK'D BY: TGS
JOB # 1963
DATE: 08/2024

ELECTRICAL
SCHEDULES

E3.1



(A) TRACTION ELEVATOR

NO SCALE

ELEVATOR NOTES:

1) ALL FUSED DISCONNECTS WITH OVERCURENT PROTECTION THAT ARE DIRECTLY RELATED TO THE ELEVATOR SYSTEM, MACHINERY SPACE, PIT, AND TOP OF HOISTWAY SHALL BE CO-LOCATED WITHIN THE MACHINERY SPACE OUTSIDE THE HOISTWAY.

2) EACH DISCONNECT MUST BE CLEARLY MARKED WITH THE DISCONNECT FUNCTION AND DESIGNATION OF THE ELEVATOR FOR WHICH IT SERVES. THE ELECTRICAL CONTRACTOR SHALL SUPPLY APPROPRIATE SIGNAGE PER NEC.

3) PROVIDE LIGHTING FIXTURE TYPE "LGFE", SWITCH AND ONE DUPLEX GFI RECEPTACLE AT EACH INSPECTION AND TEST PANEL. PROVIDE CONDUIT AND WIRING TO NEAREST PANEL.

4) CONTRACTOR SHALL PROVIDE AN ANALOG TELEPHONE LINE FROM THE BUILDING PHONE SYSTEM FOR ELEVATOR RECALL.

5) ELECTRICAL CONTRACTOR SHALL VERIFY ALL POWER REQUIREMENTS, INCLUDING ALL AUXILIARY CONTACTS, PRIOR TO ORDERING.

GENERAL NOTES:

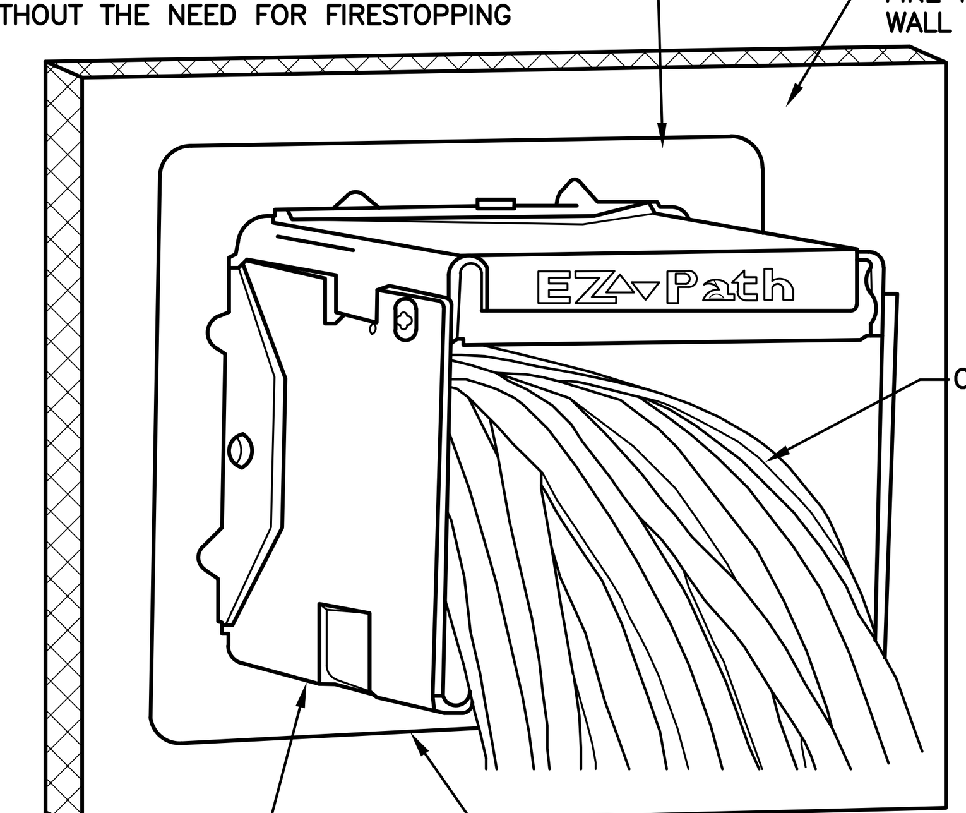
1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL ELECTRICAL INSTALLATIONS IN COMPLIANCE WITH ALL CURRENT ELECTRICAL CODES FOR ANY WORK PERFORMED ON EXISTING EQUIPMENT OR INSTALLATIONS.
2. DRAWINGS ARE SCHEMATIC IN NATURE AND REPRESENT THE INTENT AND GENERAL SCOPE OF WORK. REVIEW ALL CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDUMS, ETC) FOR ANY REQUIREMENTS THAT MAY NOT BE CALLED OUT ON THE PLANS.
3. MAINTAIN AN EQUIVALENT FIRE-RESISTANCE RATING USING AN APPROVED FIRESTOPPING METHOD OF ANY PENETRATION THROUGH A FIRE-RATED WALL, PARTITION, FLOOR, OR CEILING.
4. SEE "TYPICAL DEVICE MOUNTING HEIGHT" DETAIL FOR REQUIRED MOUNTING HEIGHTS. COORDINATE ALL MOUNTING HEIGHTS WITH ARCHITECT AND/OR OWNER.
5. COORDINATE EXACT LOCATIONS OF ALL CEILING MOUNTED EQUIPMENT WITH ARCHITECTURAL REFLECTED CEILING PLAN.
6. FIELD VERIFY THE LOCATION OF ALL EXISTING ELECTRICAL, TELEPHONE, DATA, AND CATV LINES AND POLES PRIOR TO BID AND WORK OF ANY KIND. COORDINATE AS REQUIRED.
7. PROVIDE CONDUCTORS FOR BRANCH CIRCUITS AND FEEDERS SIZED FOR A VOLTAGE DROP OF 3% OR LESS.
8. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE LATEST APPLICABLE EDITION OF THE NATIONAL ELECTRICAL CODE (NEC).
9. CONTRACTOR SHALL PROVIDE ALL WORK, MATERIALS, ETC FOR A COMPLETE AND FULLY FUNCTION SYSTEM WHETHER SPECIFICALLY INDICATED ON PLANS AND SPECIFICATIONS OR NOT.
10. GROUNDING CONDUCTOR INSTALLATION SHALL COMPLY WITH THE LATEST APPLICABLE EDITION OF THE NEC ARTICLE 250.
11. ISOLATED GROUNDING (WHERE SPECIFIED) AND EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TABLE 250-122 OF THE LATEST APPLICABLE EDITION OF THE NEC.
12. GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED IN ACCORDANCE WITH TABLE 250-66 OF THE LATEST APPLICABLE EDITION OF THE NEC BASED ON SERVICE ENTRANCE CONDUCTOR OR CONDUCTORS OF SEPARATELY DERIVED SYSTEM.
13. GROUNDING AND GROUNDING CONDUCTORS SHALL BE RUN IN CONDUIT WITH FEEDER CONDUCTORS.
14. CONTRACTOR SHALL INCLUDE ALL PERMITS AND ASSOCIATED FEES IN BID.
15. ALL REQUIRED EQUIPMENT TESTING SHALL BE COMPLETE AND APPROVED PRIOR TO ENERGIZING ANY EQUIPMENT.
16. COORDINATE VOLTAGE OF ALL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO BID OR ROUGH-IN.
17. PROVIDE SURGE PROTECTIVE DEVICE(S) AS REQUIRED FOR ALL SPECIAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, ACCESS CONTROL, SECURITY, FIRE ALARM, TELECOMMUNICATION ETC. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT AND OWNER.
18. PROVIDE PULL STRING IN ALL EMPTY CONDUITS.

GENERAL POWER NOTES:

1. COORDINATE EXACT LOCATION OF ALL DEVICES WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH IN.
2. CONTRACTOR SHALL COORDINATE THE EXACT LOCATION AND REQUIREMENTS OF ALL EQUIPMENT WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN OR BID. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL REQUIREMENTS REQUIRED BY EQUIPMENT PROVIDER AND/OR EQUIPMENT DRAWINGS. PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE THE EXACT ELECTRICAL REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH IN. ADJUST CIRCUITS AS REQUIRED.
4. REFER TO MECHANICAL PLANS FOR CONTROL OF EXHAUST FANS, ETC. PROVIDE ALL ELECTRICAL REQUIREMENTS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL ELECTRICAL INSTALLATIONS IN COMPLIANCE WITH ALL CURRENT ELECTRICAL CODES FOR ALL WORK.
6. CONTRACTOR SHALL PROVIDE A FIRE ALARM SYSTEM IN STRICT COMPLIANCE WITH NFPA 72 AND 101. CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE AND OPERATIONAL SYSTEM. PROVIDE ALL DEVICES PER NFPA CODES BASED UPON OCCUPANCY OF BUILDING, WHETHER INDICATED ON PLANS OR NOT.
7. ALL RECEPTACLES INSTALLED IN BATHROOMS, KITCHENS, GARAGES, LAUNDRY AREAS AND OUTDOORS SHALL BE GFCI RATED.
8. COORDINATE EXACT LOCATION, TYPE, AND QUANTITY OF ALL FLOOR BOXES WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN OR CUTTING/PATCHING AND/OR POURING SLAB.

GENERAL LIGHTING NOTES:

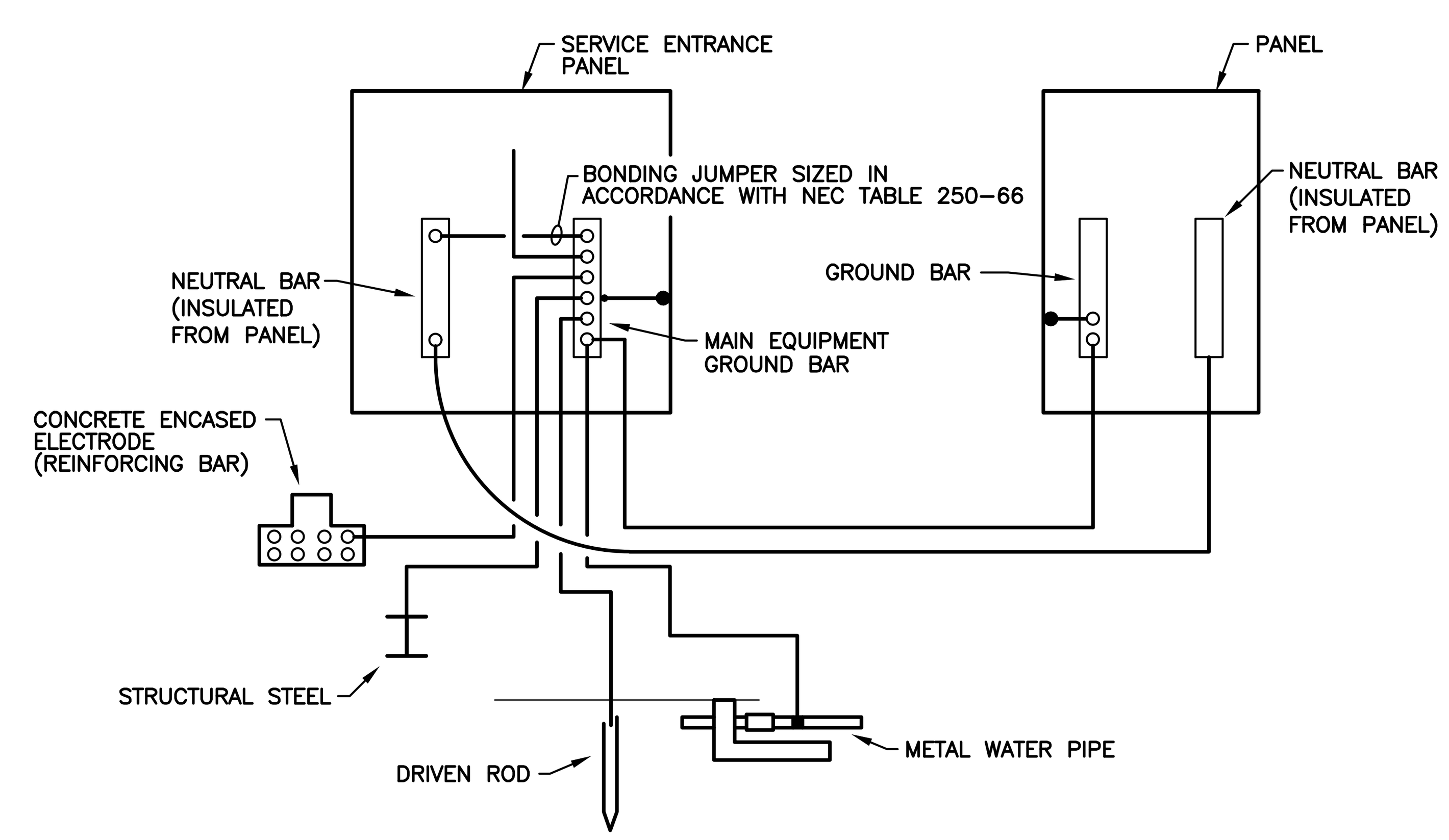
1. COORDINATE EXACT LOCATIONS OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS. COORDINATE WITH AIR SUPPLY/RETURN LOCATIONS AND OTHER CEILING MOUNTED DEVICES.
2. ALL EXIT/EMERGENCY FIXTURES SHALL BE CONNECTED TO UNSWITCHED CONDUCTORS.
3. ALL CROSS-HATCHED FIXTURES SHALL HAVE A 90-MINUTE, 1400 LUMEN, SELF-DIAGNOSTIC BATTERY PACK, BODINE OR EQUAL, CONNECTED TO UNSWITCHED CONDUCTORS.



EZ PATH IS U.L. TESTED AND CERTIFIED IN ACCORDANCE WITH ASTM E814 (U.L.1479) AND CAN/ULC-S115. SYSTEMS ARE AVAILABLE FOR COMMON FLOOR AND WALL CONSTRUCTIONS WITH RATINGS UP TO AND INCLUDING 4 HOURS.

(B) RATED WALL PENETRATIONS FOR CONDUIT

NO SCALE

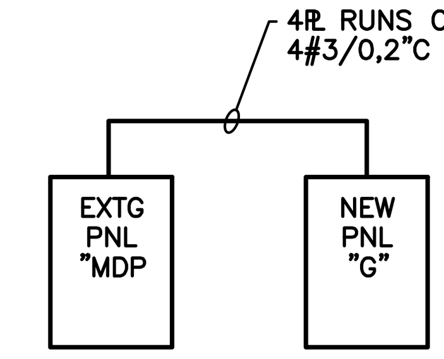


(C) DETAIL - GROUNDING SYSTEM

NO SCALE

NOTES:

1. GROUNDING CONDUCTORS ARE TO BE IN COMPLIANCE WITH NEC 2020-ARTICLE 250. REFER TO ELECTRICAL RISER DIAGRAM.
2. ISOLATED GROUNDING (WHERE SPECIFIED) AND EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH TABLE 250-122 OF NEC 2020.
3. GROUNDING ELECTRODE CONDUCTOR SHALL BE SIZED IN ACCORDANCE WITH TABLE 250-66 OF NEC 2020 BASED ON SERVICE ENTRANCE CONDUCTORS OR CONDUCTORS OF SEPARATELY DERIVED SYSTEM (SECONDARY CONDUCTORS).
4. GROUNDING AND GROUNDED CONDUCTORS SHALL BE RUN IN CONDUIT WITH FEEDER/BRANCH CIRCUIT CONDUCTORS.



ELECTRICAL RISER

NO SCALE

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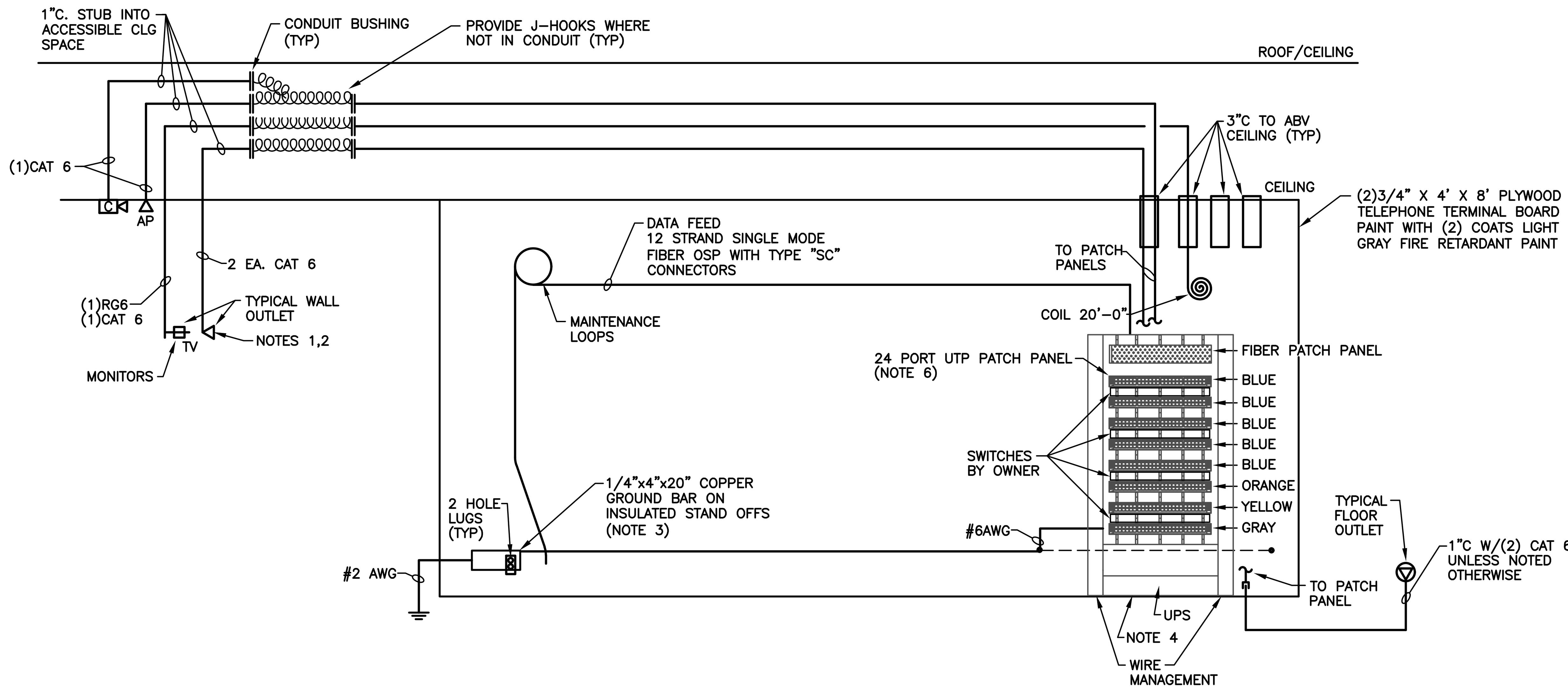
CHK'D BY:	TGS
JOB #	1963
DATE:	08/2024

ELECTRICAL DETAILS

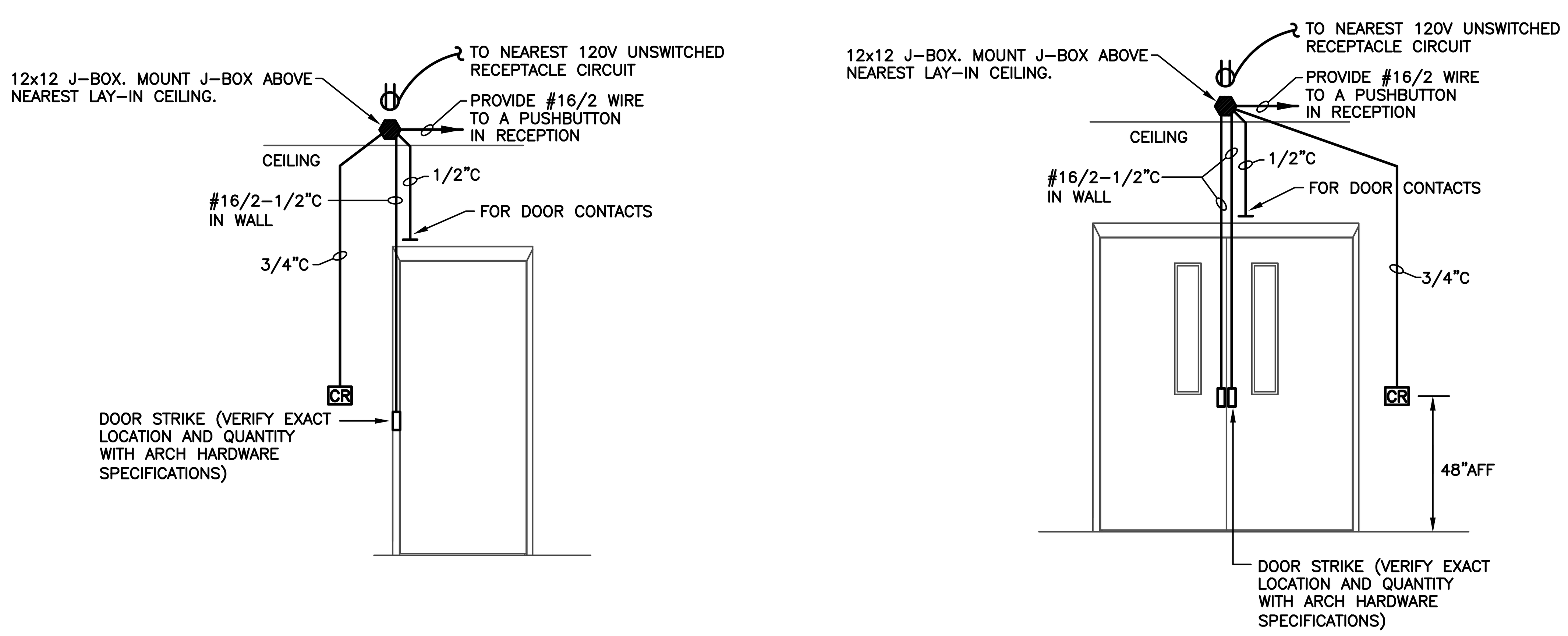
E3.2



TELEPHONE/DATA/CATV RISER

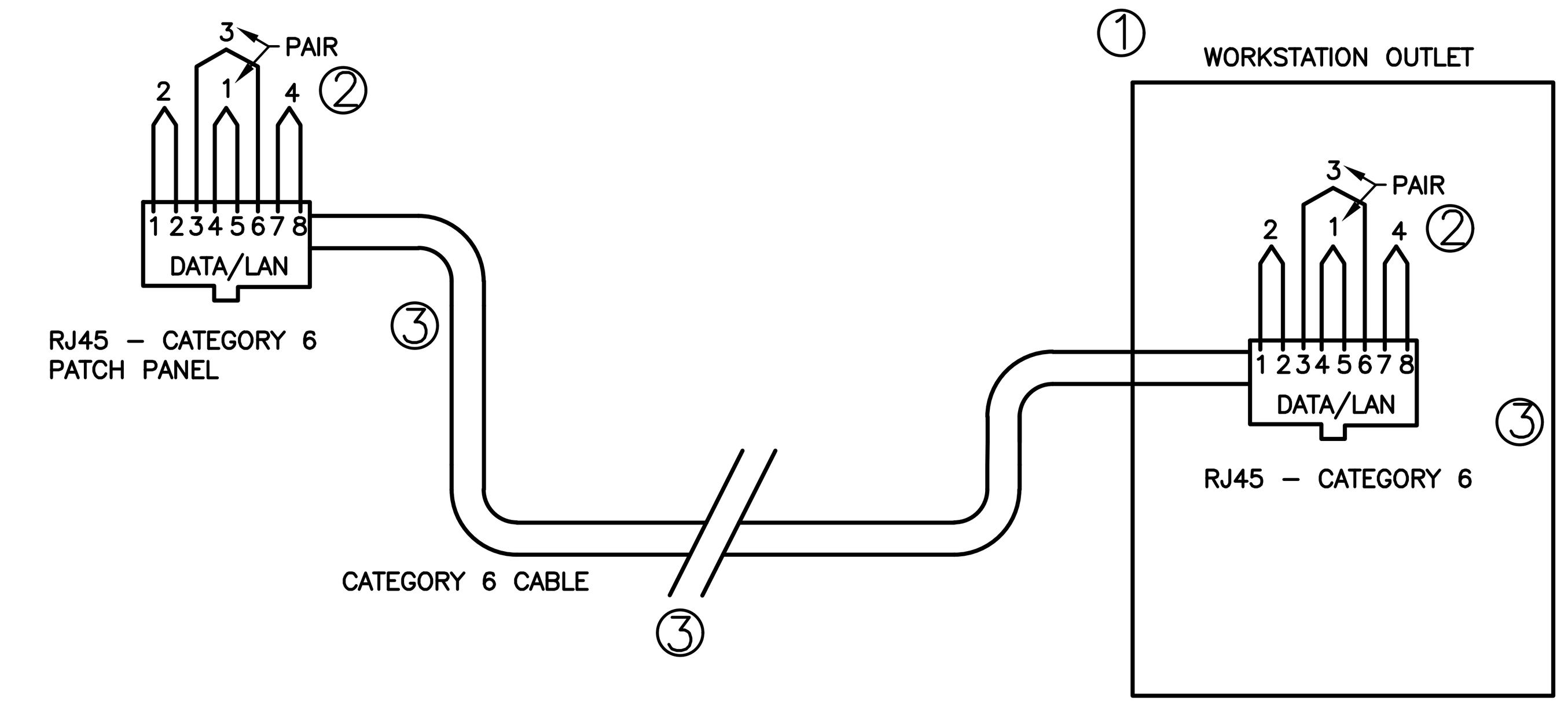
NO SCALE

NOTES:
1. REFER TO TYPICAL FACEPLATE DETAIL THIS SHEET.
2. ALL TERMINATIONS SHALL BE TESTED IN ACCORDANCE WITH EIA/TIA 568 STANDARDS AND TEST RESULTS PROVIDED TO OWNER. TERMINATION SHALL BE LABELED ON EACH END WITH ROOM NUMBER IT SERVES.
3. ALL EQUIPMENT RACKS, METALLIC CONDUITS, ETC. SHALL BE BONDED TO COPPER GROUND BAR WITH A #6 AWG GREEN COPPER CONDUCTOR.
4. RACK LAYOUT IS FOR ILLUSTRATION PURPOSES ONLY.
5. EXTEND NEW FIBER IN NEW CONDUIT FROM EXISTING CONDUIT ENTRY INTO BUILDING, AND TERMINATE AT NEW WIRE MANAGEMENT RACK IN NEW LOCATION IN BUILDING.
6. PROVIDE PATCH PANELS TO ACCOMMODATE QUANTITY OF PORTS PER PLANS PLUS 25% ADDITIONAL CAPACITY.



(A) SECURE ENTRY DOOR ELEVATION – SECURITY ROUGH-IN

NO SCALE



② PAIR ASSIGNMENTS

1. BLUE–WHITE/WHITE–BLUE
2. WHITE–ORANGE/ORANGE–WHITE
3. WHITE–GREEN/GREEN–WHITE
4. WHITE–BROWN/BROWN–WHITE

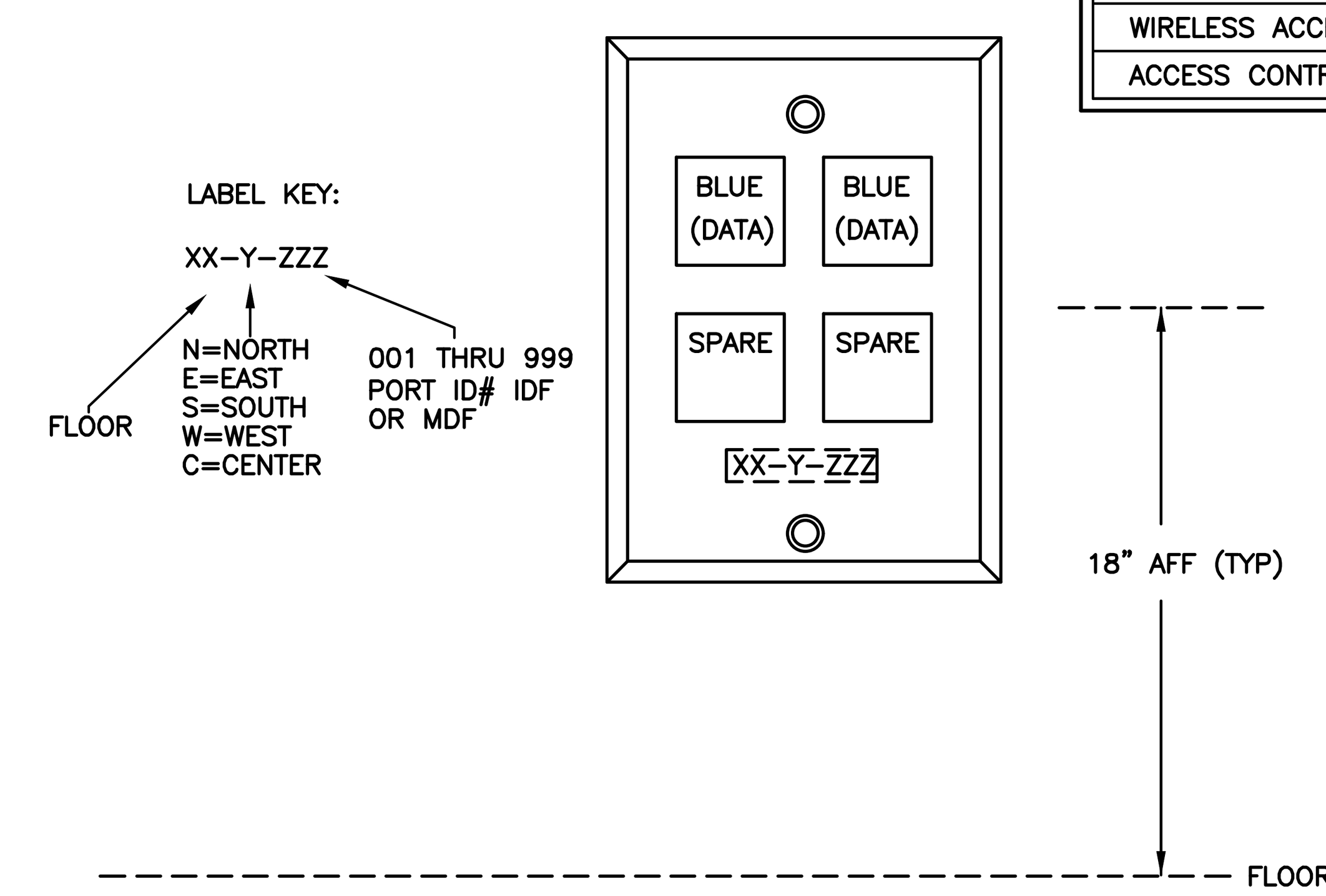
EIA/TIA 568–B WIRING PLAN

NO SCALE

NOTES:
1. JACK WIRING IS SHOWN WITH COLOR CODE AND PINOUT INSTALLER SHALL CONNECT STATION WIRE TO TERMINALS AT REAR OF JACK TO ENSURE THIS CONFIGURATION.
2. SEE PAIR ASSIGNMENT TABLE.
3. ANSI/TIA 568–B CATEGORY 6 CABLE OR OTM APPROVED EQUAL.

CABLE COLOR CODING

DATA #1, #2	BLUE
COPY MACHINES	YELLOW
WIRELESS ACCESS	GRAY
ACCESS CONTROL	ORANGE



TELEPHONE/DATA TYPICAL FACEPLATE

NO SCALE

NOTE:
1. ALL JUNCTION BOXES SHALL BE 4" X 4" X 2 1/8" WITH A 1–GANG PLASTER RING.
2. ALL DATA OUTLETS INDICATED ON PLANS SHALL HAVE 2 PORTS AND CABLES UNLESS NOTED OTHERWISE; SEE DRAWINGS FOR OUTLETS REQUIRING MORE THAN 2 PORTS/CABLES PER OUTLET.

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ELECTRICAL DETAILS

E3.3