

KENDALL COUNTY PROBATION OFFICE BUILDOUT

807 WEST JOHN STREET
YORKVILLE, IL 60560

KENDALL COUNTY

AURORA, IL 60506

BID SET



PROJECT INFORMATION: VICINITY MAP:

PROJECT ADDRESS: 807 WEST JOHN STREET
YORKVILLE, IL 60560

PROJECT DESCRIPTION: INTERIOR OFFICE BUILDOUT FOR
PROBATION DEPARTMENT AND MINOR
RENOVATION OF PUBLIC DEFENDER
BREAK ROOM

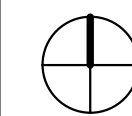


CODE REQUIREMENTS:

- INTERNATIONAL BUILDING CODE 2018
- INTERNATIONAL FIRE CODE 2018
- INTERNATIONAL MECHANICAL CODE 2018
- INTERNATIONAL ENERGY CONSERVATION CODE 2021
- INTERNATIONAL PLUMBING CODE 2018
- NATIONAL ELECTRICAL CODE 2017
- ILLINOIS PLUMBING CODE 2014
- ILLINOIS ACCESSIBILITY CODE 2018

SHEET LIST:

Sheet Number	Sheet Name
T1.0	COVER SHEET
T1.1	GENERAL NOTES, ABBREVIATIONS & SYMBOLS LEGEND
T2.1	SAFETY REFERENCE PLAN
A2.1	FLOOR PLAN PROBATION, FINISH AND POWER NOTES
A2.2	FLOOR PLAN PUBLIC DEFENDER, CASEWORK AND PLUMBING NOTES
A2.3	PARTITION TYPES, DETAILS AND DOOR SCHEDULE
A3.1	REFLECTED CEILING PLAN, DETAILS, LIGHTING AND MECHANICAL NOTES
FP2.1	FIRE PROTECTION/ FIRE ALARM PLAN AND NOTES



CERTIFICATION

TOTAL REMODEL AREA:

- FIRST FLOOR LEVEL - PROBATION 4,810 SF
- FIRST FLOOR LEVEL - PUBLIC DEFENDER 110 SF
- TOTAL 4,920 SF

OCCUPANCY: B

CONSTRUCTION TYPE: IIB

EXIT WIDTH: MINIMUM DOOR WIDTH 32"
MINIMUM CORRIDOR WIDTH 44"

FIRE SPRINKLER DESIGN: FULLY AUTOMATED
SPRINKLER SYSTEM PER
NFPA 13

STATEMENT OF COMPLIANCE

"I have prepared, or caused to be prepared under my direct supervision, the attached plans and specifications and state that, to the best of my knowledge and belief and to the extent of my contractual obligation, they are in compliance with the Environmental Barriers Act (410 ILCS 25) and the Illinois Accessibility Code (71 Ill. Adm. Code 400)."

- ILLINOIS DESIGN FIRM'S REGISTRATION NO.: 184.000.595-0007
- INDIANA DESIGN FIRM'S REGISTRATION NO.:
- MISSOURI DESIGN FIRM'S REGISTRATION NO.:

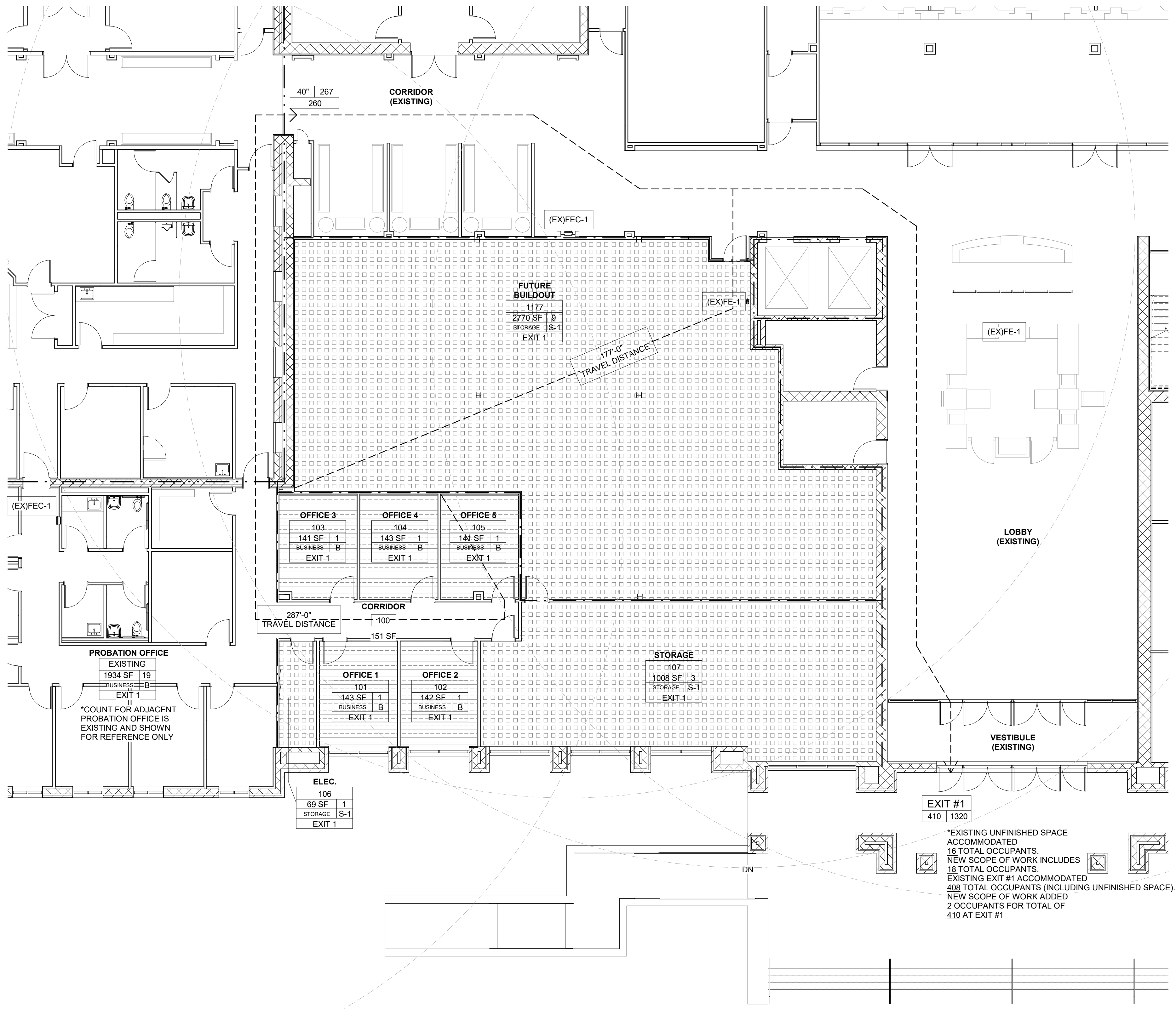
Signed:



ILLINOIS REGISTRATION NO.: 10 10 114

Date: 11/15/2023

"I hereby certify these drawings have been prepared under my direct supervision and to the best of my knowledge comply with all applicable codes of Yorkville, IL."



1 SAFETY REFERENCE PLAN - PROBATION
 1/8" = 1'-0"

GENERAL NOTES

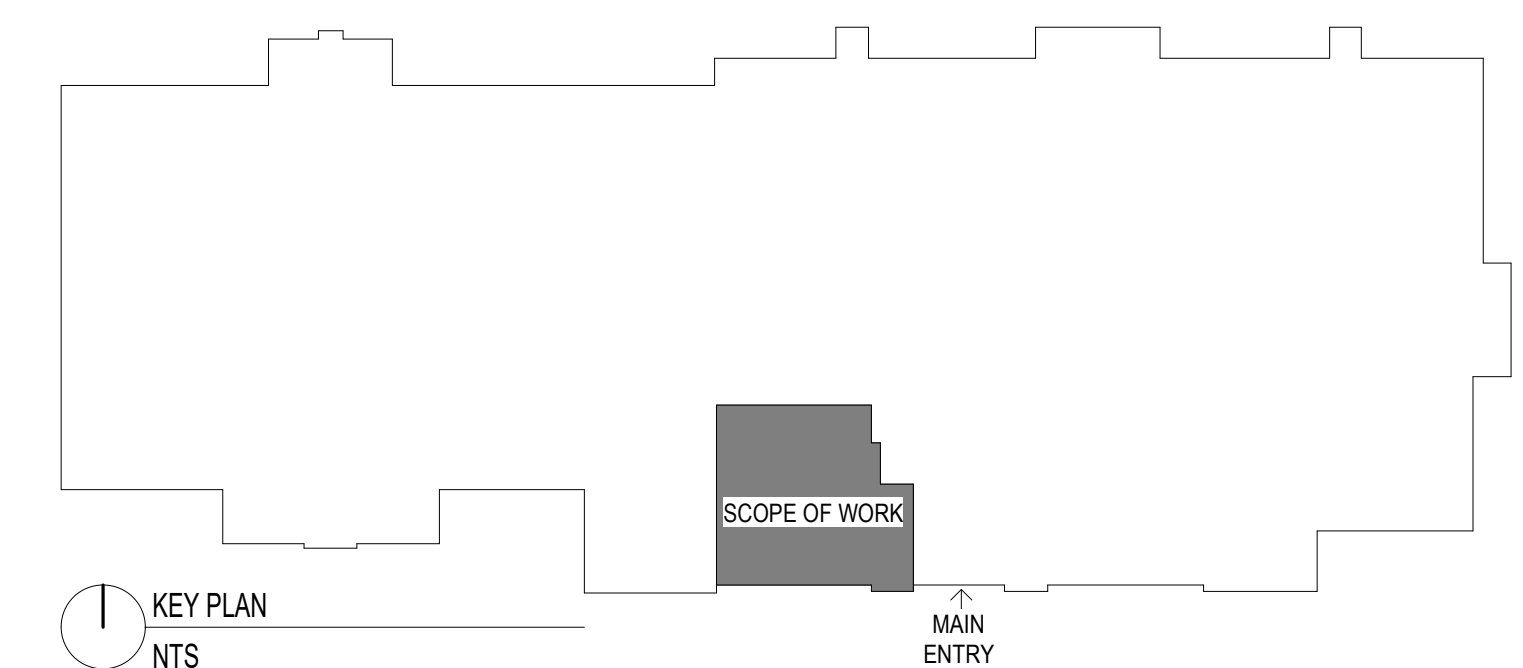
- REFER TO SHEET A2.1 FOR SCOPE OF WORK AREA OF BUILDOUT.
- EXISTING ADJACENT SPACES ARE TO REMAIN. OCCUPANCY LOADS ARE PROVIDED FOR REFERENCE.

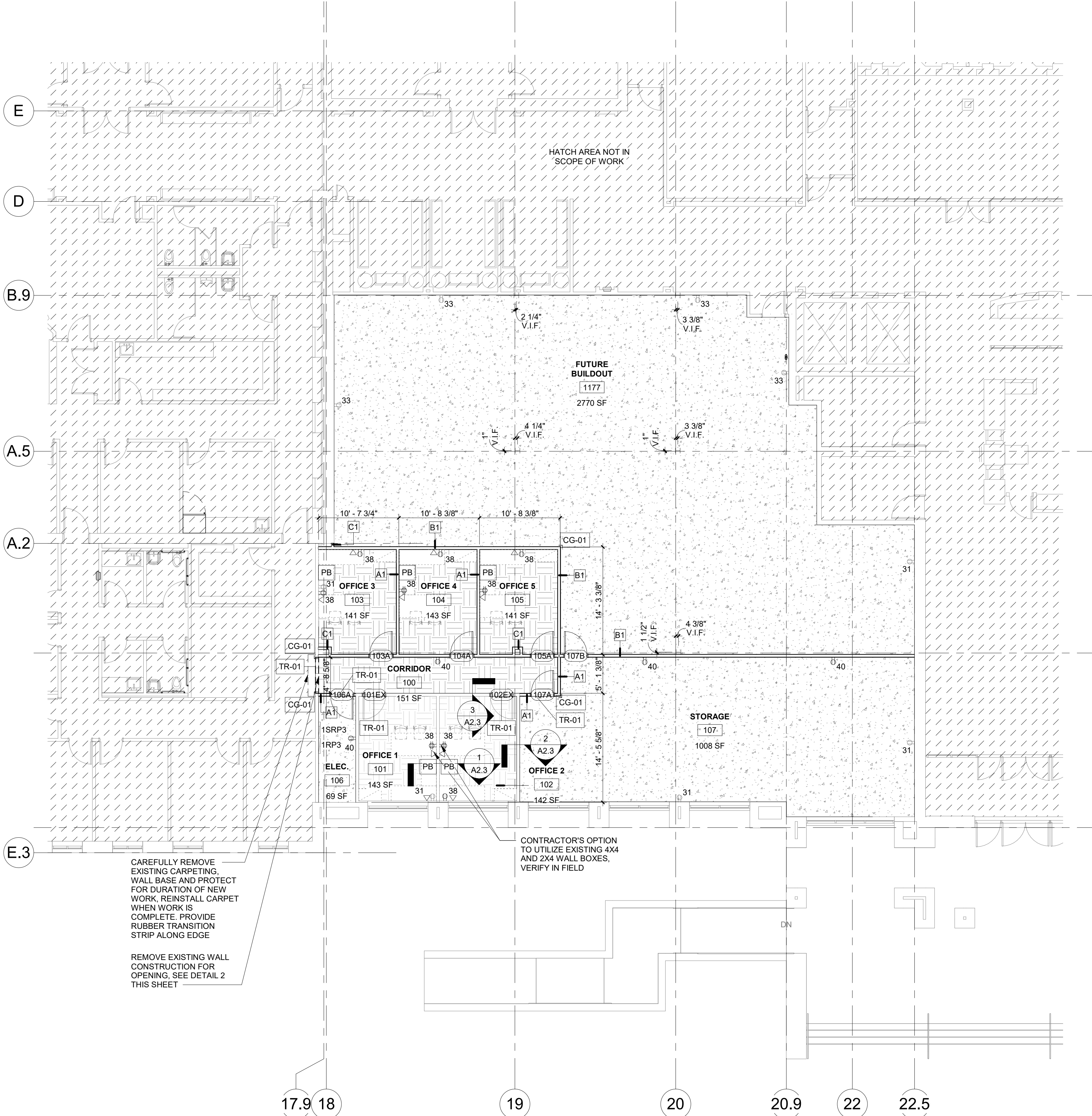
OCCUPANCY LEGEND

SYMBOL	CODE REQUIREMENT
+	BUSINESS 100 G.S.F. PER PERSON
■	STORAGE / MECHANICAL / EQUIPMENT 300 G.S.F. PER PERSON

SYMBOL LEGEND

- NOTE: ALL WALLS 1/2 HR RATED - U419 - U.N.O. AS BELOW**
- 1 HOUR RATED FIRE WALL U419, EXISTING
 - - - 2 HOUR RATED FIRE WALL EXISTING
 - - - - - EGRESS TRAVEL DISTANCES IN FEET
 - EXIT # - EXIT NUMBER
 - ACT - MAX - MAXIMUM CAPACITY TO EXIT
 - ACT - MAX - ACTUAL NUMBER OF OCCUPANTS EXITING
 - 40" - MAX - MAXIMUM CAPACITY TO EXIT
 - ACT - ACTUAL NUMBER OF OCCUPANTS EXITING
 - Name - AREA IN SQUARE FEET
 - 101 - ROOM NUMBER
 - 500 SF - TOTAL NUMBER OF OCCUPANCY
 - R - REGISTERED
 - EXIT 1 - EXIT NUMBER TO EXIT FROM SPACE
 - OCCUPANCY
- (X)FE-1 EXISTING WALL-MOUNTED FIRE EXTINGUISHER AND BRACKET BY OWNER
 (EX) FEC-1 EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER (BY OWNER)





ELECTRICAL NOTES

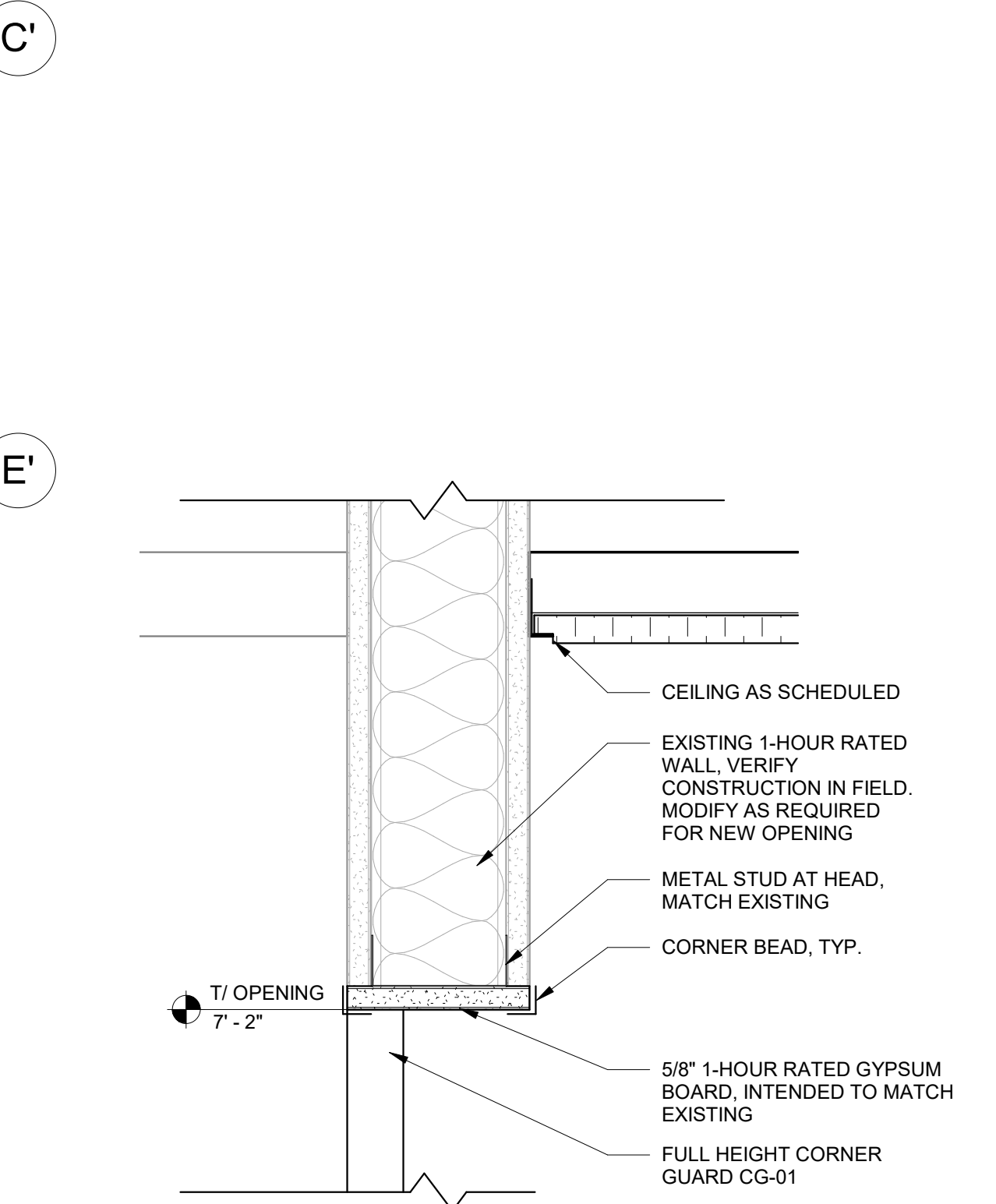
- ELECTRICAL DESIGN-BUILD**
 THE ELECTRICAL DESIGN-BUILD CONTRACTOR IS TO PROVIDE A BID FOR COMPLETE DESIGN AND INSTALLATION OF THE ELECTRICAL SYSTEMS USING THE ARCHITECTURAL DRAWING AS A GUIDELINE. FULL RESPONSIBILITY OF A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEMS SHALL BE BY THE SELECTED DESIGN-BUILD ELECTRICAL CONTRACTOR. THE SELECTED CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT ON THE INSTALLED SYSTEMS. THE SELECTED DESIGN-BUILD ELECTRICAL CONTRACTOR IS TO PROVIDE THE FOLLOWING BUT NOT LIMITED TO:
- FINAL DRAWINGS FOR SUBMISSION FOR PERMIT TO BE SIGNED/STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS. COMCHECK SHALL BE INCLUDED WITH THE PERMIT DRAWINGS.
 - FINAL DRAWINGS ARE TO INCLUDE A COMPLETE PANEL SCHEDULE.
 - SHOP DRAWINGS SUBMITTED TO ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
 - FINAL LIGHTING DESIGN, POWER DESIGN, AND SYSTEMS DESIGN.
 - ONCE CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE AS-BUILTS, SHOP DRAWINGS, MANUFACTURING WARRANTIES, GUARANTIES AS WELL AS OPERATIONAL AND MAINTENANCE MANUALS.
- REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING, & FIRE PROTECTION PLANS FOR ADDITIONAL INFORMATION ON EXACT POWER, WIRING, & ROUGH-IN REQUIREMENTS AND LOCATIONS OF DEVICES.
 - ALL WORK MUST COMPLY WITH NEC, NFPA, LIFE SAFETY AND LOCAL APPLICABLE CODES.
 - MINIMUM NEW CIRCUIT WIRING SHALL CONSIST OF 2#12, 1#12G, 1/2"C. WHERE HOME RUNS EXCEED 75' OR CONTINUOUS LOAD EXCEEDS 65% OF CIRCUIT RATING, MINIMUM CIRCUIT SIZE SHALL CONSIST OF 2#10G, 1/2"C. ALL NEW CIRCUITS SHALL INCLUDE A CONTINUOUS EQUIPMENT GROUNDING CONDUCTOR.
 - CIRCUITS BEING CONTROLLED BY VARIABLE DIMMING EQUIPMENT SHALL ROUTED WITH SEPARATED DEDICATED NEUTRALS.
 - ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL OUTLET BOXES AND PATHWAYS NECESSARY TO ACCOMMODATE THE POWER AND LOW VOLTAGE WORK.
 - PROVIDE NECESSARY DEMOLITION TO FACILITATE NEW CONSTRUCTION WORK ASSOCIATED WITH THIS PROJECT. COORDINATE OUTAGES WITH OWNER MINIMUM 72 HOURS IN ADVANCE. OWNER RETAINS THE RIGHT TO SALVAGE MATERIAL. CONTRACTOR TO PROVIDE DISPOSAL OF REMOVED MATERIAL. MAINTAIN CIRCUIT CONTINUITY AS REQUIRED.
 - REMOVE ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO JUNCTION BOXES, RECEPTACLES, SWITCHES, DEVICES, ETC., AFFECTED OR ABANDONED AS A RESULT OF DEMOLITION AND NEW CONSTRUCTION.
 - REMOVE ABANDONED WIRING COMPLETE. CONTRACTOR'S OPTION TO UTILIZE EXISTING RACEWAYS TO EXTENT AVAILABLE. ANY EXPOSED ABANDONED RACEWAY TO BE REMOVED.
 - PROVIDE CUTTING, PATCHING, AND RESTORATION OF FINISHES NECESSARY FOR WORK SURFACES DAMAGED BY NEW WORK AND SPACES AROUND CONDUITS PASSING THROUGH WALLS AND FLOORS. NEATLY PATCH AND FINISH TO MATCH NEWEXISTING. STRUCTURAL MEMBERS SHALL NOT BE CUT OR PENETRATED IN ANY MANNER. THE SPACES AROUND THE CONDUITS SHALL BE SEALED TO PREVENT ENTRANCE OF MOISTURE. PROVIDE FIRESTOPPING PER UL APPROVED METHODS.
 - IT IS THE INTENT OF THESE DIAGRAMMATIC DRAWINGS TO PROVIDE THE PROJECT SCOPE INCLUDING BUT NOT LIMITED TO DEMOLITION AND NEW CONSTRUCTION. EXISTING INFORMATION INDICATED IN THESE PLANS DOES NOT REPRESENT ALL EXISTING CONDITIONS. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS TO COORDINATE RELOCATION OF ELECTRICAL SYSTEMS AS REQUIRED.
 - PROVIDE TYPED CIRCUIT BOARD DIRECTORIES TO REFLECT AS-CONSTRUCTED CONDITIONS. FIELD VERIFY DURING CONSTRUCTION AND REVISE ACCORDINGLY.
 - NEAREST DATA RACK IS LOCATED TO THE WEST OF PROBATE DEPARTMENT. FOR BIDDING PURPOSES CONTRACTOR TO INCLUDE 200 LF OF WIRING AND ASSOCIATED SUPPORTS.

GENERAL NOTES

- REFER TO SHEET T1.1 FOR ADDITIONAL GENERAL NOTES.
- REFER TO DRAWING A2.2 FOR PARTITION TYPES, DOOR AND FRAME TYPES.
- EXISTING DRAWINGS CAN BE MADE AVAILABLE UPON REQUEST. THESE ARE TO BE USED FOR REFERENCE ONLY.
- ALL INTERIOR DIMENSIONS ARE FROM NORTH OR WEST SIDE OF METAL STUD RUN UNLESS NOTED OTHERWISE.
- PROVIDE GYPSUM BOARD CONTROL JOINTS THE FULL HEIGHT OF THE PARTITION FOR A SPACING OF 30'-0" O.C. MAX.
- METAL FRAMING PERFORMANCE CRITERIA: PROVIDE NECESSARY FRAMING, GAUGES, FASTENERS, ETC. TO ACHIEVE L360 DEFLECTION AT ALL METAL FRAMING INSTALLATIONS.
- COORDINATE ALL WALL BRACING WITH ALL OTHER TRADES PRIOR TO CONSTRUCTION. WHERE BUILDING SERVICES PENETRATE OR RUN PARALLEL WITH FRAMED WALLS AND BRACING IS NOT POSSIBLE, ALL EFFORTS MUST BE MADE TO ACCOMMODATE THOSE BUILDING SERVICES. SOLUTIONS MAY INCLUDE, BUT ARE NOT LIMITED TO A HEAVIER GAUGE OR WIDER STUD AT NO ADDITIONAL COST TO THE OWNER.
- ALL PENETRATIONS WITH FIRE RATED WALLS ARE TO BE SEALED WITH FIRE CAULKING TO MAINTAIN THE SPECIFIED U.I. DESIGN. CONTRACTOR RESPONSIBLE FOR THE PENETRATION IS RESPONSIBLE FOR THE FIRE CAULKING INSTALLATION.
- EXTEND ALL PARTITIONS, INCLUDING METAL STUDS, INSULATION AND GYPSUM BOARD TO BOTTOM OF METAL DECK, UNLESS OTHERWISE NOTED.
- ALL OPENINGS FOR INTERIOR DOORS SHALL BE LOCATED 4" FROM ADJACENT WALL UNLESS DIMENSIONED OTHERWISE.
- FOR NEW PROBATION BUILDOUT AREA: ALL POWER CIRCUITS ARE FED FROM PANEL 1RP3 IN ELEC ROOM. VERIFY FINAL CIRCUITING IN FIELD WITH EXISTING CONDITIONS.
- FOR PUBLIC DEFENDER AREA: ALL POWER CIRCUITS ARE FED FROM PANEL RA. VERIFY FINAL CIRCUITING IN FIELD WITH EXISTING CONDITIONS.
- ALL DIMENSIONS TO BE VERIFIED IN FIELD WITH EXISTING CONDITIONS PRIOR TO FINALIZING WORK. ALL EXISTING COMPONENTS, INCLUDING BUT NOT LIMITED TO WALLS, STRUCTURAL, HVAC SYSTEMS, PLUMBING SYSTEMS, FLOOR DRAINS, FIRE PROTECTION SYSTEMS, ELECTRICAL SYSTEMS, LIGHTING, AND FIRE ALARM SYSTEMS TO BE VERIFIED TO AVOID CONFLICTS IN FIELD WITH NEW WORK.
- REFER TO SHEET A2.1 FOR GENERAL ELECTRICAL NOTES.

GENERAL DEMOLITION NOTES

- REFER TO SHEET T1.1 FOR ADDITIONAL GENERAL NOTES
- REFER TO SPECIFICATION SECTION 024119 FOR ADDITIONAL REQUIREMENTS FOR SELECTIVE DEMOLITION.
- COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL FOR FULL EXTENT OF DEMOLITION.
- IN AREAS WHERE EXISTING WALLS, PARTITIONS, ETC. ARE TO BE REMOVED, IT SHALL BE NECESSARY TO REPAIR THE EXISTING ELEMENTS INCLUDING CEILINGS, WALLS, RELOCATION OR REWIRING OF LIGHT FIXTURES OR ELECTRICAL DEVICES. REMOVAL OR RELOCATION OF MECHANICAL COMPONENTS AS REQUIRED OR DIRECTED.
- EXISTING WALLS, FLOORS AND CEILINGS WHICH ARE DAMAGED AND ARE TO REMAIN SHALL BE PATCHED AND REBUILT AS REQUIRED TO MATCH ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
- ACTIVE PIPES, CONDUITS, AND OTHER UTILITIES OF ALL TYPES, WHETHER SHOWN IN THE CONSTRUCTION DOCUMENTS OR NOT, MUST BE PROTECTED AT ALL TIMES DURING THE CONSTRUCTION OF THE WORK. EXTREME CARE SHALL BE EXERCISED AT ALL TIMES NOT TO DAMAGE ANY SUCH PIPES AND CONDUITS. WHERE DAMAGE OCCURS, CONTRACTOR CAUSING THE DAMAGE SHALL REPAIR SUCH DAMAGE IN A MANNER APPROVED BY THE ARCHITECT AND OWNER, AND AT NO CHANGE IN THE CONTRACT PRICES OF CONTRACTOR.
- WHERE EQUIPMENT HAS BEEN REMOVED, DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO PANEL. PATCH ANY HOLES TO MATCH ADJACENT CONSTRUCTION AND OR FINISH.
- ANY ABANDONED CONDUIT OR WIRING RESULTING FROM THIS SCOPE OF WORK TO BE REMOVED BACK TO THE PANEL.
- WHILE THE SIZE AND LOCATION OF NEW WORK AND EQUIPMENT IN THE EXISTING BUILDING HAS BEEN INDICATED ON THE DRAWINGS AS ACCURATELY AS POSSIBLE, ALL CONTRACTORS SHALL ADJUST THEIR WORK AS REQUIRED TO AVOID EXISTING DUCTS, PIPES, CONDUITS, JOISTS AND BEAMS NOT SHOWN ON PLANS. ALL CONTRACTORS SHALL ADAPT THEIR WORK TO MEET ALL ACTUAL CONDITIONS ON THE EXISTING PREMISES.



2 HEAD DETAIL AT OPENING
 3" = 1'-0"
 *JAMB IS SIMILAR

1 FIRST FLOOR PLAN - PROBATION
 1/8" = 1'-0"

FINISH MATERIAL LEGEND AND SPECIFICATIONS

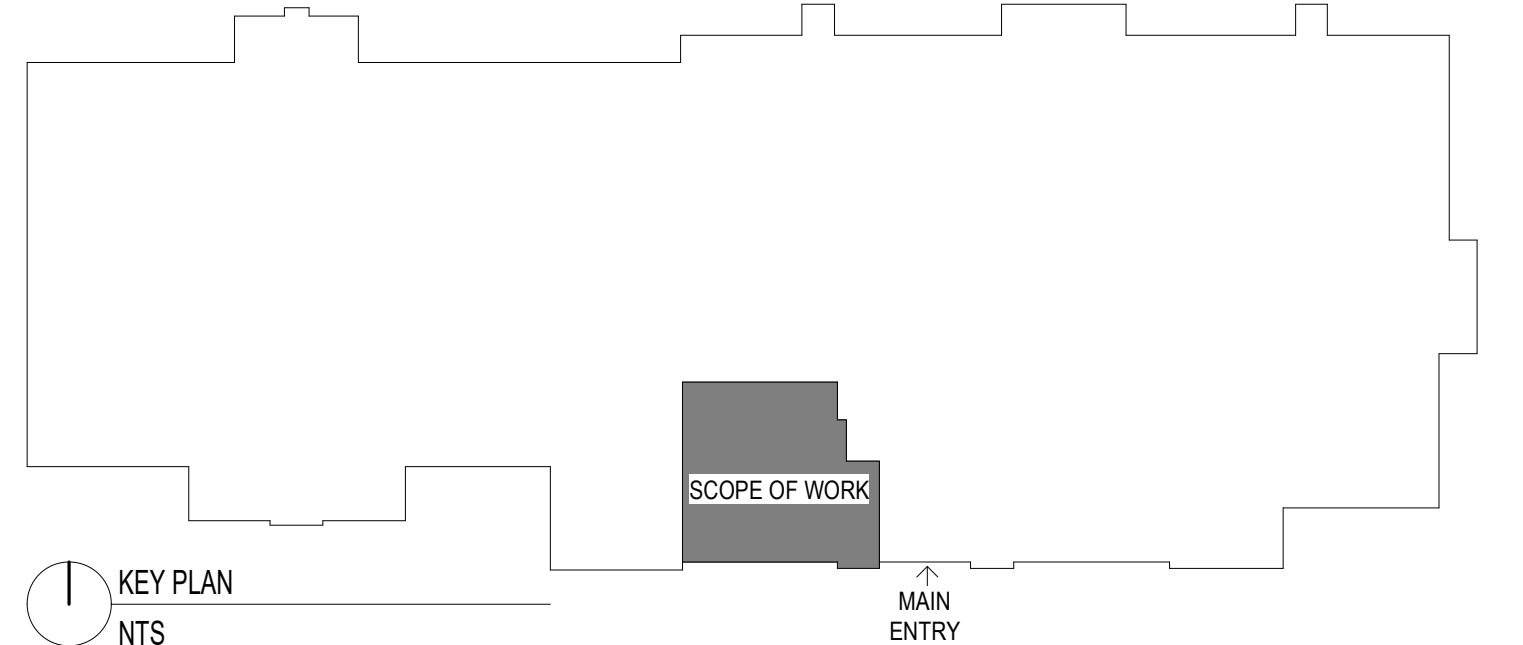
GENERAL PAINT		CORNER GUARDS	
PT-01	MANUF: BENJAMIN MOORE COLOR: OC-24 WIND'S BREATH FINISH: EGGSHELL LOCATION: TYPICAL FIELD PAINT	CG-01	MANUF: AS SELECTED BY OWNER STYLE: VINYL WITH ALUM. RETAINER COLOR: TO MATCH WALL SIZE: 3" X 3" X FULL HEIGHT SIMILAR TO INPRO - 130 HIGH IMPACT
CARPET TILE		RUBBER BASE	
CPT-01	MANUF: AS SELECTED BY OWNER STYLE: AS SELECTED BY OWNER COLOR: AS SELECTED BY OWNER SIZE: TBD OFFICE 1, OFFICE 2- EXISTING CARPET AND BASE TO REMAIN	RB-01	MANUF: AS SELECTED BY OWNER COLOR: AS SELECTED BY OWNER SIMILAR TO ROPPE PINNACLE 4"
		RUBBER TRANSITION STRIP	
		TR-01	MANUF: AS SELECTED BY OWNER COLOR: AS SELECTED BY OWNER SIMILAR TO TARKETT CTA-XX-A

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
⊖	NEW DUPLEX OUTLET 20A 125V 2P 3W GRD NEMA-20R 18" AFF
⊖	EXISTING DUPLEX OUTLET TO REMAIN
⊕	NEW QUAD OUTLET 20A 125V 2P 3W GRD NEMA-20R 18" AFF
△	NEW COMMUNICATIONS OUTLET 18" AFF
PB	NEW PANIC BUTTON TO MATCH EXISTING. PROVIDE WIRING AND CONNECTION TO EXISTING SYSTEM SEE PLAN
---	NEW DOMESTIC AND SANITARY PLUMBING LINES SEE PLAN
†	NEW PLUMBING VALVE SEE PLAN
▨	SLAB CUT SAWCUT AND REMOVE TILE AND SLAB. SEE PLAN AND DETAIL 3/A2.2

ROOM FINISH SCHEDULE

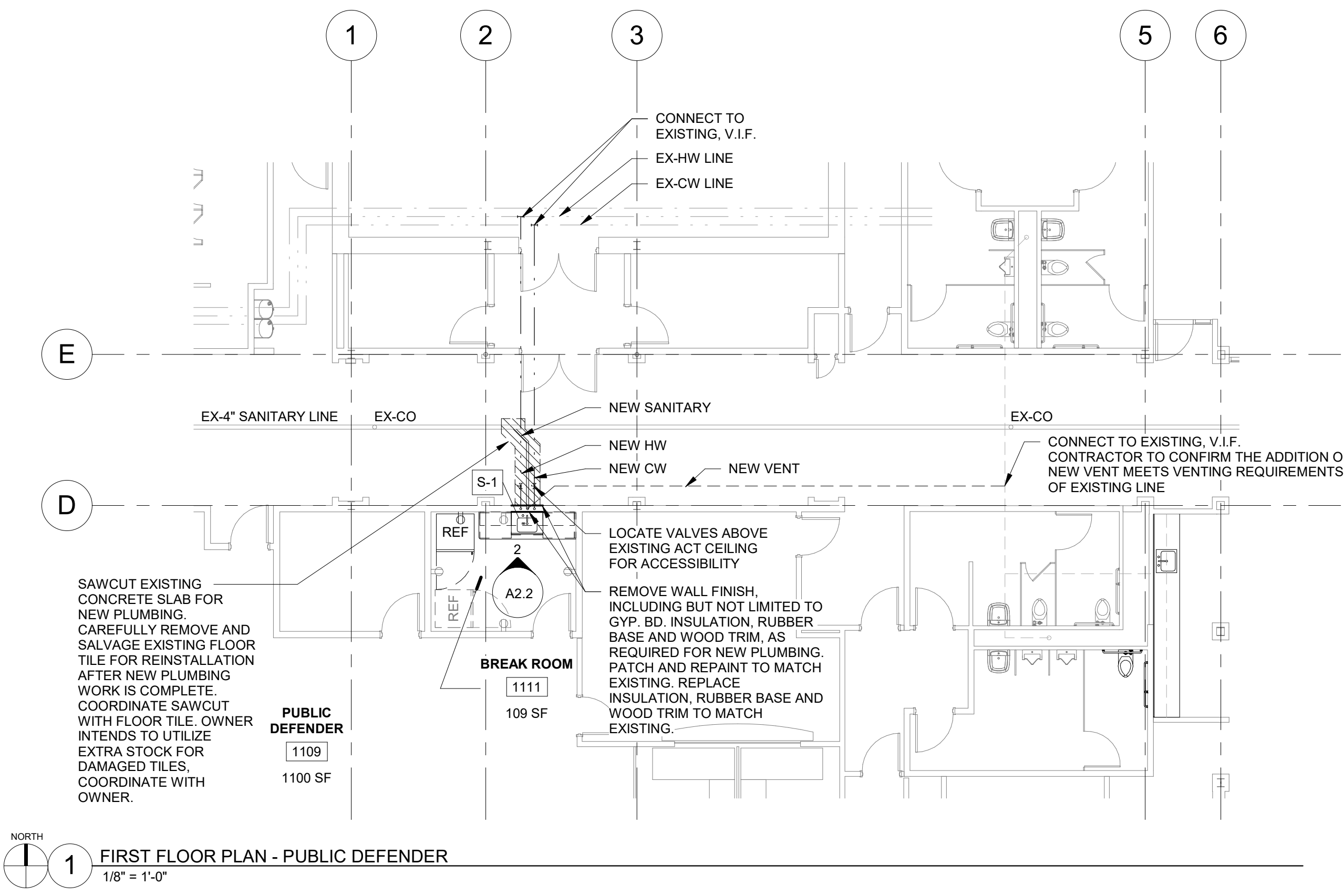
ROOM	ROOM NAME	FLOOR	BASE	WALL FINISH	CEILING	NOTES
101	OFFICE 1	EX-CPT-01	RB-01	PT-01	ACT-01	EXISTING CARPET TO REMAIN, PROTECT FOR DURATION OF NEW WORK
102	OFFICE 2	EX-CPT-01	RB-01	PT-01	ACT-01	EXISTING CARPET TO REMAIN, PROTECT FOR DURATION OF NEW WORK
103	OFFICE 3	CPT-01	RB-01	PT-01	ACT-01	
104	OFFICE 4	CPT-01	RB-01	PT-01	ACT-01	
105	OFFICE 5	CPT-01	RB-01	PT-01	ACT-01	
106	ELEC.	EX-CONC	RB-01	PT-01	OTS	
100	CORRIDOR	CPT-01	RB-01	PT-01	ACT-01	
107	STORAGE	EX-CONC	EX	PT-01	OTS	
1177	FUTURE BUILDOUT	EX-CONC	EX	EX	OTS	



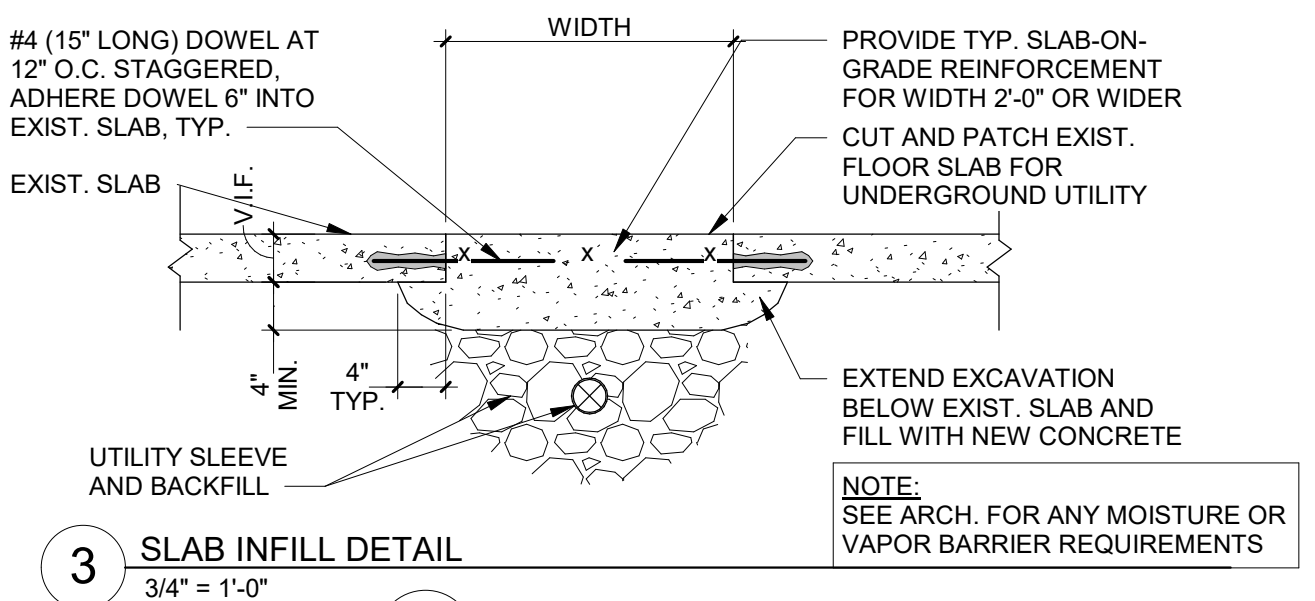
1 KEY PLAN
 NTS

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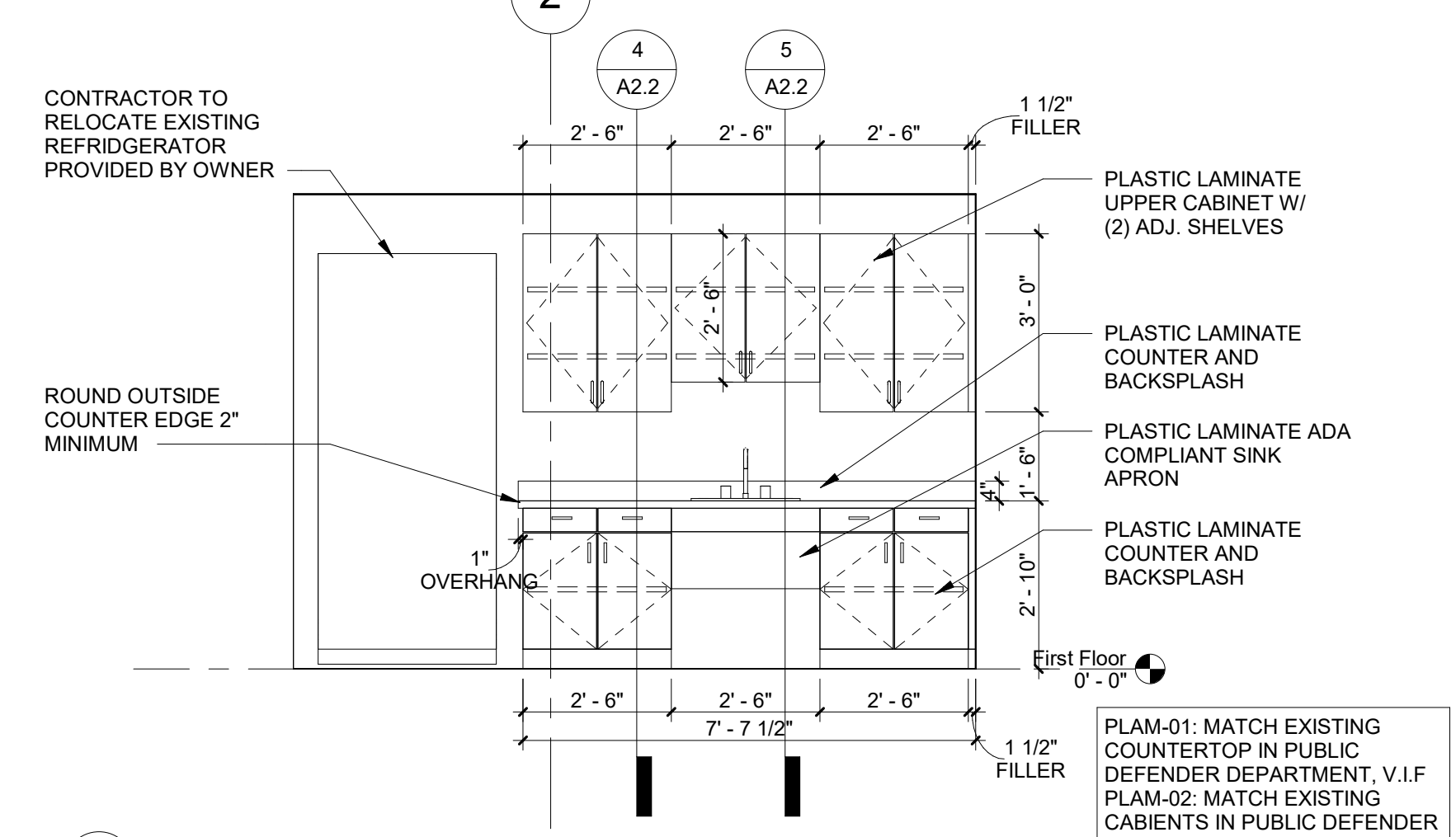
REVISIONS:



1 FIRST FLOOR PLAN - PUBLIC DEFENDER
1/8" = 1'-0"

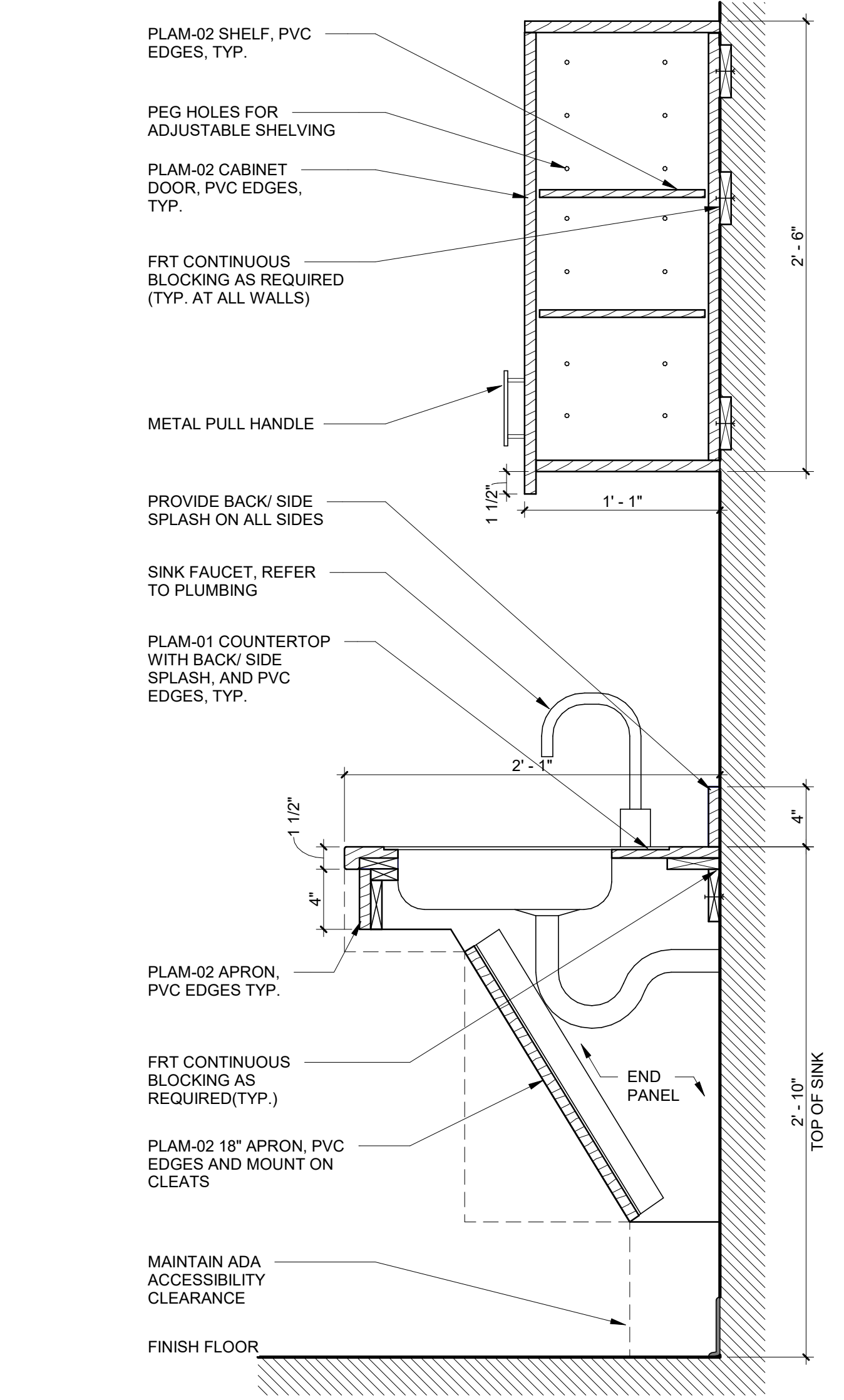


3 SLAB INFILL DETAIL
3/4" = 1'-0"

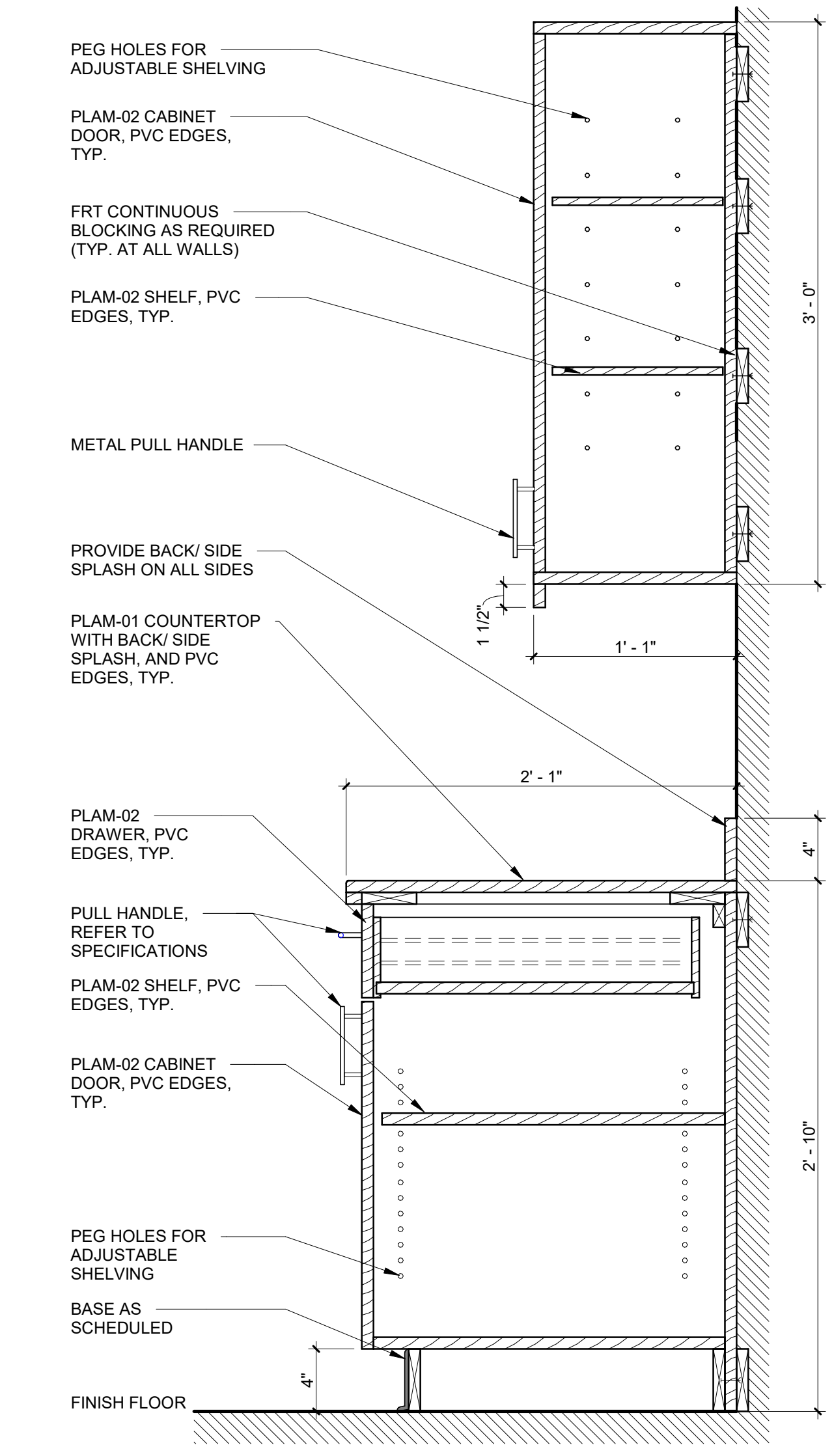


2 NORTH ELEVATION - BREAK ROOM
3/8" = 1'-0"

PLUMBING FIXTURE SCHEDULE							DESCRIPTION		REMARKS
MARK	CW	HW	WASTE	VENT	MFR	MODEL			
S1	3/4"	3/4"	1-1/2"	1-1/2"	ELKAY	LRAD221955	ADA COMPLIANT DROP IN SINGLE BOWL SINK WITH 18 GAUGE STAINLESS STEEL CONSTRUCTION, 22"X19.5"X5" BOWL, REAR DRAIN, AND FOUR HOLD DRILLING. PROVIDE STRAINER AND TMV-1		FAUCET: CHICAGO FAUCETS 1102 GN8AE35-369AB ADA COMPLIANT DECK MOUNTED FAUCET, 8" GOOSENECK SPOUT, LEVER HANDLE, 1.5 GPM, CHROME PLATE FINISH, 8" COVER PLATE, THREE HOLE MOUNT



5 SINK AND UPPER CABINET DETAIL
1/2" = 1'-0"



4 BASE AND UPPER CABINET DETAIL
1/2" = 1'-0"

PLUMBING NOTES

- PLUMBING DESIGN-BUILD**
THE PLUMBING DESIGN-BUILD CONTRACTOR IS TO PROVIDE A BID FOR COMPLETE DESIGN AND INSTALLATION OF THE PLUMBING SYSTEM USING THE ARCHITECTURAL AND CIVIL DRAWING AS A GUIDELINE. FULL RESPONSIBILITY OF A COMPLETE AND OPERATIONAL PLUMBING SYSTEM SHALL BE BY THE SELECTED DESIGN-BUILD PLUMBING CONTRACTOR. THE SELECTED DESIGN-BUILD PLUMBING CONTRACTOR IS TO PROVIDE THE FOLLOWING BUT NOT LIMITED TO:
- FINAL DRAWINGS FOR SUBMISSION FOR PERMIT(S) TO BE SIGNED/STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS.
 - FINAL DRAWINGS TO INCLUDE COMPLETED FIXTURE AND EQUIPMENT SCHEDULE
 - FINAL DRAWINGS TO INCLUDE WASTE AND VENT RISER DIAGRAM.
 - FINAL DRAWINGS TO INCLUDE HOT AND COLD WATER RISER DIAGRAM.
 - SHOP DRAWINGS SUBMITTED TO ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
 - FINAL EQUIPMENT SIZING, PIPE SIZING, ELECTRICAL SIZING, AND ALL OTHER RELATED ITEMS.
 - ONCE CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE AS-BUILTS, SHOP DRAWINGS, MANUFACTURING WARRANTIES, GUARANTIES AS WELL AS OPERATIONAL AND MAINTENANCE MANUALS.
 - ALL WORK IS TO CONFORM TO LOCAL CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO INTERNATIONAL PLUMBING CODE AND THE ILLINOIS PLUMBING CODE.

- THE PLUMBING CONTRACTOR SHALL DESIGN FURNISH AND INSTALL ALL SANITARY PIPING, DOMESTIC PIPING, VENT PIPING, INSULATION, PLUMBING FIXTURES, FAUCETS, ACCESSORIES, TOOLS AND EQUIPMENT FOR COMPLETE INSTALLATION OF NEW PLUMBING SYSTEM, GUARANTEE AND SERVICE.
- PIPING AND JOINTS:
 - DOMESTIC WATER PIPING: COPPER TYPE L, ASTM B88, 95-5 TIN-ANTIMONY SOLDER JOINT, LEAD FREE, ASTM B813-93 AND ASTM B828-92.
 - DOMESTIC WASTE AND VENT PIPING UNDERGROUND/ ABOVE GROUND: SOLID WALL PVC, ASTM D 2665, SOCKET TYPE FITTING, MADE TO ASTM D 3311, AND SOLVENT-CEMENTED JOINTS.
- PROVIDE DIELECTRIC FITTINGS IN JOINING DISSIMILAR PIPING.
- INSULATION:
 - REFER TO TABLE
- SUPPORT: PROVIDE SUPPORT EVERY 6 FEET EXCEPT WHERE NOTED.
- PROVIDE COPPER PLATED HANGERS AND SUPPORTS FOR COPPER PIPING.
- TAGS & DESIGNATION:
 - PROVIDE PIPE IDENTIFICATION TAG FOR DOMESTIC WATER PIPING.
 - PROVIDE VALVE TAGS FOR DOMESTIC SHUT-OFF VALVES.
- CLEANING AND DISINFECTION: ALL NEW DOMESTIC WATER PIPING SHALL BE THOROUGHLY FLUSHED, PROVIDE ALL THE MATERIALS AND DISINFECTION AGENT. NOTIFY CONSTRUCTION COORDINATOR 24 HOURS BEFORE SCHEDULED PROCEDURE. DISINFECTION TECHNIQUES AND AGENT SHALL BE IN ACCORDANCE WITH ILLINOIS STAT PLUMBING CODE. ALL DISPOSAL SHALL BE IN ACCORDANCE WITH EXHIBIT A AND COORDINATE WITH CONSTRUCTION COORDINATOR.
- SEAL ALL PENETRATIONS WITH FIRESTOP AT ALL FIRE RATED WALLS AND FLOORS.
- FIELD CONDITIONS: INTERRUPTION OF EXISTING WATER SERVICE
 - PROVIDE OWNER NO FEWER THAN TEN (10) DAYS S IN ADVANCE OF PROPOSED INTERRUPTION OF WATER SERVICE.
 - DO NOT INTERRUPT WATER SERVICE WITHOUT OWNERS WRITTEN PERMISSION.

PIPING MATERIAL SCHEDULE

PIPE TYPE	LOCATION	MATERIAL
WASTE, VENT, STORM	BELOW GRADE	SCH 40 PVC
WASTE, VENT, STORM	ABOVE GRADE	SCH 40 PVC
WASTE, VENT, STORM	PLENUM CEILING	CAST IRON
DOMESTIC WATER	ABOVE GRADE	COPPER TYPE L

PIPING INSULATION SCHEDULE

PIPE TYPE	INSULATION THICKNESS	INSULATION TYPE
HOT WATER <1-1/2"	1"	FIBERGLASS
HOT WATER 1-1/2" AND LARGER	1 1/2"	FIBERGLASS
COLD WATER	1"	FIBERGLASS
STORM	1"	FIBERGLASS

FOR DOMESTIC WATER BELOW GRADE: PROVIDE TYPE K COPPER PIPE WITH ELASTOMERIC INSULATION, ROUTE IN PVC PIPE

GENERAL NOTES

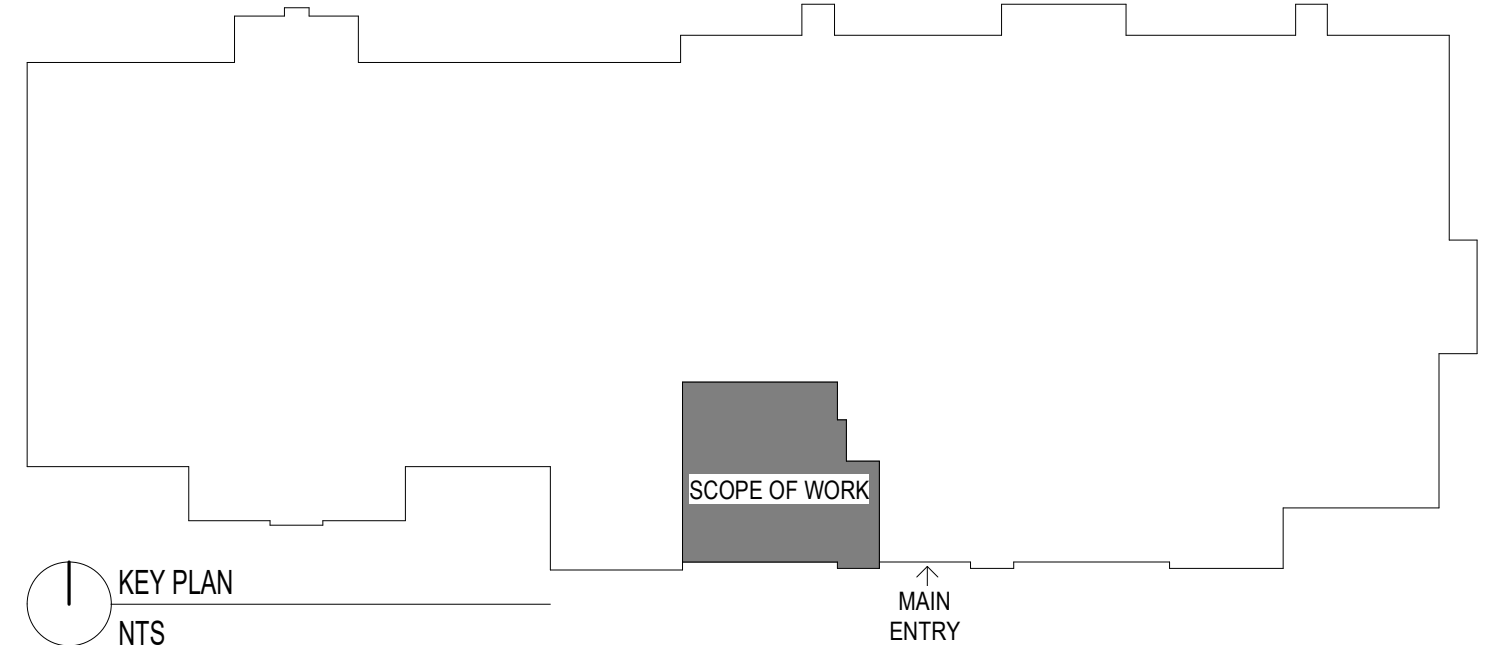
- REFER TO SHEET T1.1 FOR ADDITIONAL GENERAL NOTES.
- REFER TO DRAWING A2.2 FOR PARTITION TYPES, DOOR AND FRAME TYPES.
- EXISTING DRAWINGS CAN BE MADE AVAILABLE UPON REQUEST. THESE ARE TO BE USED FOR REFERENCE ONLY.
- ALL INTERIOR DIMENSIONS ARE FROM NORTH OR WEST SIDE OF METAL STUD RUN UNLESS NOTED OTHERWISE.
- PROVIDE GYPSUM BOARD CONTROL JOINTS THE FULL HEIGHT OF THE PARTITION FOR A SPACING OF 30'-0" O.C. MAX.
- METAL FRAMING PERFORMANCE CRITERIA: PROVIDE NECESSARY FRAMING, GAUGES, FASTENERS, ETC. TO ACHIEVE L/360 DEFLECTION AT ALL METAL FRAMING INSTALLATIONS.
- COORDINATE ALL WALL BRACING WITH ALL OTHER TRADES PRIOR TO CONSTRUCTION. WHERE BUILDING SERVICES PENETRATE OR RUN PARALLEL WITH FRAMED WALLS AND BRACING IS NOT POSSIBLE, ALL EFFORTS MUST BE MADE TO ACCOMMODATE THOSE BUILDING SERVICES. SOLUTIONS MAY INCLUDE, BUT ARE NOT LIMITED TO A HEAVIER GAUGE OR WIDER STUD AT NO ADDITIONAL COST TO THE OWNER
- ALL PENETRATIONS WITHIN FIRE RATED WALLS ARE TO BE SEALED WITH FIRE CAULKING TO MAINTAIN THE SPECIFIED U.L. DESIGN. CONTRACTOR RESPONSIBLE FOR THE PENETRATION IS RESPONSIBLE FOR THE FIRE CAULKING INSTALLATION.
- EXTEND ALL PARTITIONS, INCLUDING METAL STUDS, INSULATION AND GYPSUM BOARD TO BOTTOM OF METAL DECK, UNLESS OTHERWISE NOTED.
- ALL OPENINGS FOR INTERIOR DOORS SHALL BE LOCATED 4" FROM ADJACENT WALL UNLESS DIMENSIONED OTHERWISE.
- FOR NEW PROBATION BUILDOUT AREA: ALL POWER CIRCUITS ARE FED FROM PANEL 1RP3 IN ELEC ROOM. VERIFY FINAL CIRCUITING IN FIELD WITH EXISTING CONDITIONS.
- FOR PUBLIC DEFENDER AREA: ALL POWER CIRCUITS ARE FED FROM PANEL RA. VERIFY FINAL CIRCUITING IN FIELD WITH EXISTING CONDITIONS.
- ALL DIMENSIONS TO BE VERIFIED IN FIELD WITH EXISTING CONDITIONS PRIOR TO FINALIZING WORK. ALL EXISTING COMPONENTS, INCLUDING BUT NOT LIMITED TO WALLS, STRUCTURAL, HVAC SYSTEMS, PLUMBING SYSTEMS, FLOOR DRAINS, FIRE PROTECTION SYSTEMS, ELECTRICAL SYSTEMS, LIGHTING, AND FIRE ALARM SYSTEMS TO BE VERIFIED TO AVOID CONFLICTS IN FIELD WITH NEW WORK.
- REFER TO SHEET A2.1 FOR GENERAL ELECTRICAL NOTES.

GENERAL DEMOLITION NOTES

- REFER TO SHEET T1.1 FOR ADDITIONAL GENERAL NOTES
- REFER TO SPECIFICATION SECTION 024119 FOR ADDITIONAL REQUIREMENTS FOR SELECTIVE DEMOLITION.
- COORDINATE WITH MECHANICAL, PLUMBING AND ELECTRICAL FOR FULL EXTENT OF DEMOLITION.
- IN AREAS WHERE EXISTING WALLS, PARTITIONS, ETC. ARE TO BE REMOVED, IT SHALL BE NECESSARY TO REPAIR THE EXISTING ELEMENTS INCLUDING CEILINGS, WALLS, RELOCATION OR REWIRING OF LIGHT FIXTURES OR ELECTRICAL DEVICES, REMOVAL OR RELOCATION OF MECHANICAL COMPONENTS AS REQUIRED OR DIRECTED.
- EXISTING WALLS, FLOORS AND CEILINGS WHICH ARE DAMAGED AND ARE TO REMAIN SHALL BE PATCHED AND REBUILT AS REQUIRED TO MATCH ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
- ACTIVE PIPES, CONDUITS, AND OTHER UTILITIES OF ALL TYPES, WHETHER SHOWN IN THE CONSTRUCTION DOCUMENTS OR NOT, MUST BE PROTECTED AT ALL TIMES DURING THE CONSTRUCTION OF THE WORK. EXTREME CARE SHALL BE EXERCISED AT ALL TIMES NOT TO DAMAGE ANY SUCH PIPES AND CONDUITS. WHERE DAMAGE OCCURS, CONTRACTOR CAUSING THE DAMAGE SHALL REPAIR SUCH DAMAGE IN A MANNER APPROVED BY THE ARCHITECT AND OWNER, AND AT NO CHANGE IN THE CONTRACT PRICES OF CONTRACTOR.
- WHERE EQUIPMENT HAS BEEN REMOVED, DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO PANEL. PATCH ANY HOLES TO MATCH ADJACENT CONSTRUCTION AND OR FINISH.
- ANY ABANDONED CONDUIT OR WIRING RESULTING FROM THIS SCOPE OF WORK TO BE REMOVED BACK TO THE PANEL.
- WHILE THE SIZE AND LOCATION OF NEW WORK AND EQUIPMENT IN THE EXISTING BUILDING HAS BEEN INDICATED ON THE DRAWINGS AS ACCURATELY AS POSSIBLE, ALL CONTRACTORS SHALL ADJUST THEIR WORK AS REQUIRED TO AVOID EXISTING DUCTS, PIPES, CONDUITS, JOISTS AND BEAMS NOT SHOWN ON PLANS. ALL CONTRACTORS SHALL ADAPT THEIR WORK TO MEET ALL ACTUAL CONDITIONS ON THE EXISTING PREMISES.

FLOOR PLAN LEGEND

SYMBOL	DESCRIPTION
⊕	NEW DUPLEX OUTLET 20A 125V 2P 3W GRD NEMA-20R 18" AFF
⊖	EXISTING DUPLEX OUTLET TO REMAIN
⊕	NEW QUAD OUTLET 20A 125V 2P 3W GRD NEMA-20R 18" AFF
△	NEW COMMUNICATIONS OUTLET 18" AFF
PB	NEW PANIC BUTTON TO MATCH EXISTING. PROVIDE WIRING AND CONNECTION TO EXISTING SYSTEM
---	NEW DOMESTIC AND SANITARY PLUMBING LINES SEE PLAN
⋈	NEW PLUMBING VALVE SEE PLAN
▨	SLAB CUT SAWCUT AND REMOVE TILE AND SLAB. SEE PLAN AND DETAIL 3/A2.2

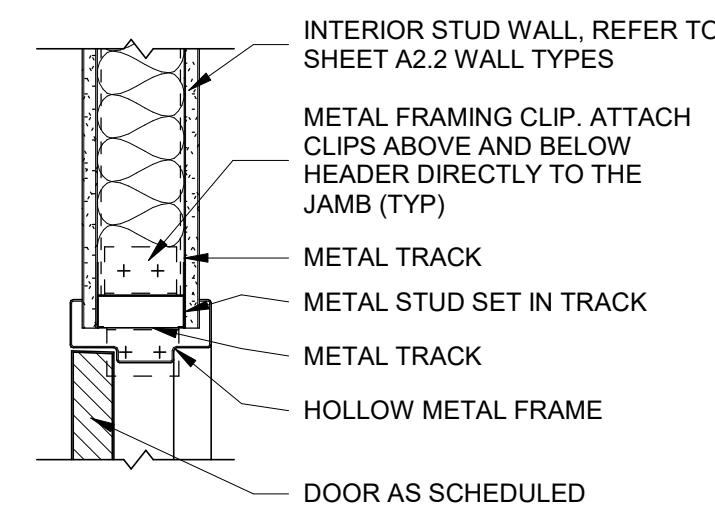
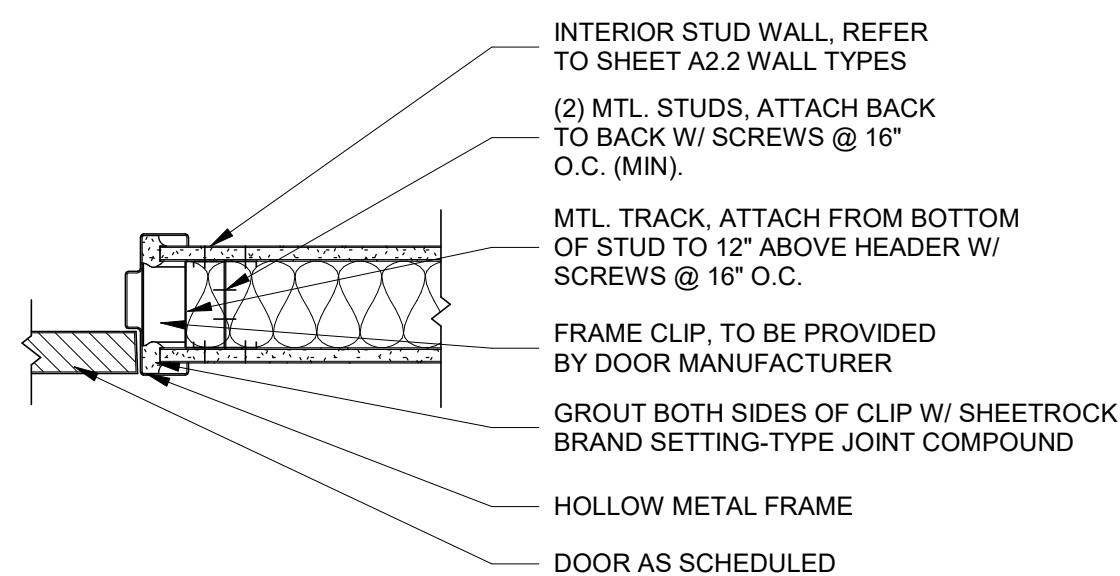
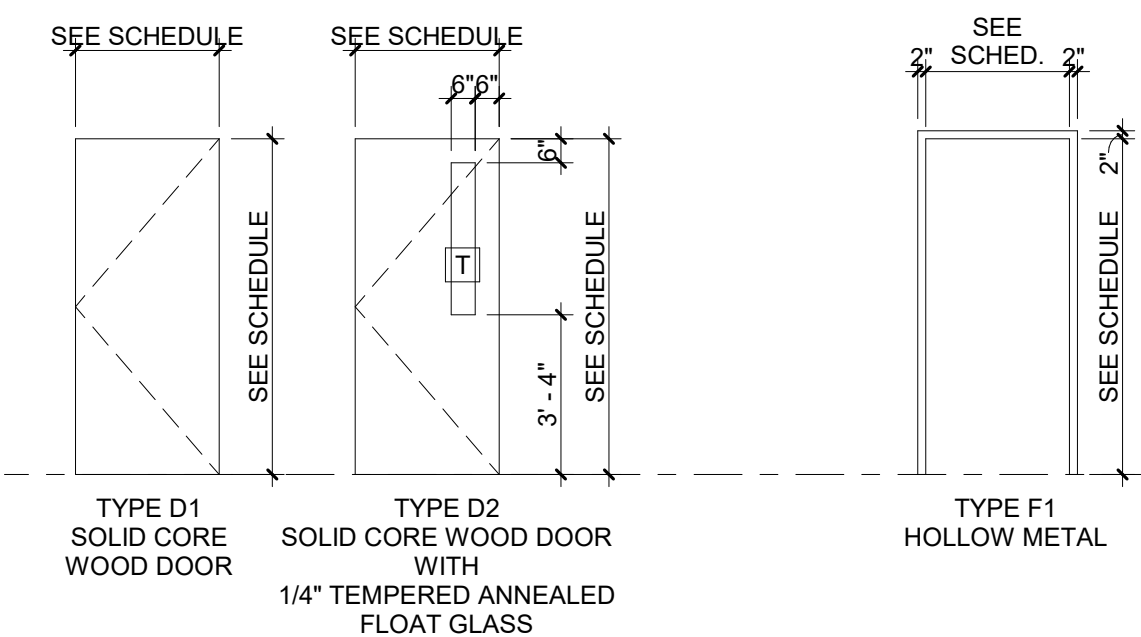


DOOR SCHEDULE												
DOOR NO.	DOOR			DOOR			FRAME			FIRE RATING	HARDWARE SET	REMARKS
	W	H	T	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	FRAME FINISH			
103A	3'-0"	7'-0"	1 3/4"	D2	WD	ST	F1	HM	PT	None (Not Rated)	1	PAINT HM FRAMES, COLOR TBD; STAIN DOORS TO MATCH EXISTING V.I.F.
104A	3'-0"	7'-0"	1 3/4"	D2	WD	ST	F1	HM	PT	None (Not Rated)	1	PAINT HM FRAMES, COLOR TBD; STAIN DOORS TO MATCH EXISTING V.I.F.
105A	3'-0"	7'-0"	1 3/4"	D2	WD	ST	F1	HM	PT	None (Not Rated)	1	PAINT HM FRAMES, COLOR TBD; STAIN DOORS TO MATCH EXISTING V.I.F.
106A	3'-0"	7'-0"	1 3/4"	D1	WD	ST	F1	HM	PT	None (Not Rated)	2	PAINT HM FRAMES, COLOR TBD; STAIN DOORS TO MATCH EXISTING V.I.F.
107A	3'-0"	7'-0"	1 3/4"	D1	WD	ST	F1	HM	PT	None (Not Rated)	2	PAINT HM FRAMES, COLOR TBD; STAIN DOORS TO MATCH EXISTING V.I.F.
107B	3'-0"	7'-0"	1 3/4"	D1	WD	ST	F1	HM	PT	1 HR	2	PAINT HM FRAMES, COLOR TBD; STAIN DOORS TO MATCH EXISTING V.I.F.

DOOR HARDWARE SETS

HARDWARE SET NO. 1 (OFFICE LOCK)					HARDWARE SET NO. 2 (STOREROOM LOCK)				
QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR	QTY	DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	HINGE	5BB1 4.5 X 4.5 (NRP AT OUTSWING LOCKING DOORS)	652	IVES	3	HINGE	5BB1 4.5 X 4.5 (NRP AT OUTSWING LOCKING DOORS)	652	IVES
1	ENTRANCE LOCK	ND53TD VERIFY LEVER STYLE IN FIELD TO MATCH EXISTING	626	SCHLAGE	1	STOREROOM LOCK	ND80TD VERIFY LEVER STYLE IN FIELD TO MATCH EXISTING	626	SCHLAGE
1	FSIC CORE	23-030 CKC EV29 T	626	SCHLAGE	1	FSIC CORE	23-030 CKC EV29 T	626	SCHLAGE
1	DOOR STOP	WS406CCV	626	IVES	1	DOOR STOP	WS406CCV	626	IVES
1	SILENCERS	SR64	GREY	IVES	1	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVES
					1	SILENCERS	SR64	GREY	IVES
					1	GASKETING	488S (AT FIRE RATED DOORS ONLY, IN LIEU OF SILENCERS)	BLACK	ZERO

*CONTRACTOR TO COORDINATE KEYING WITH OWNER TO MATCH EXISTING KEYWAY.



DOOR TYPE AND FRAME TYPE LEGEND
1/4" = 1'-0"

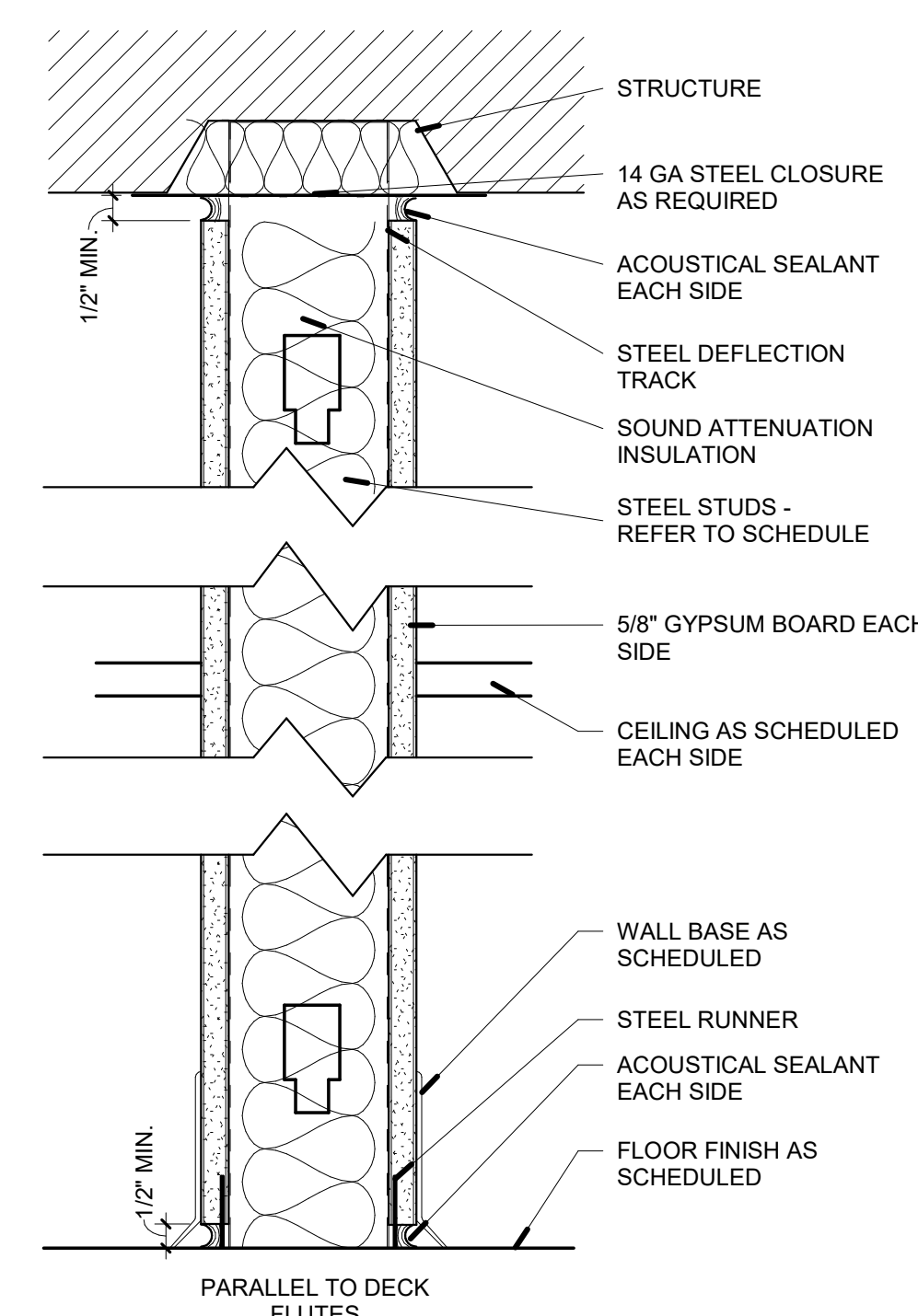
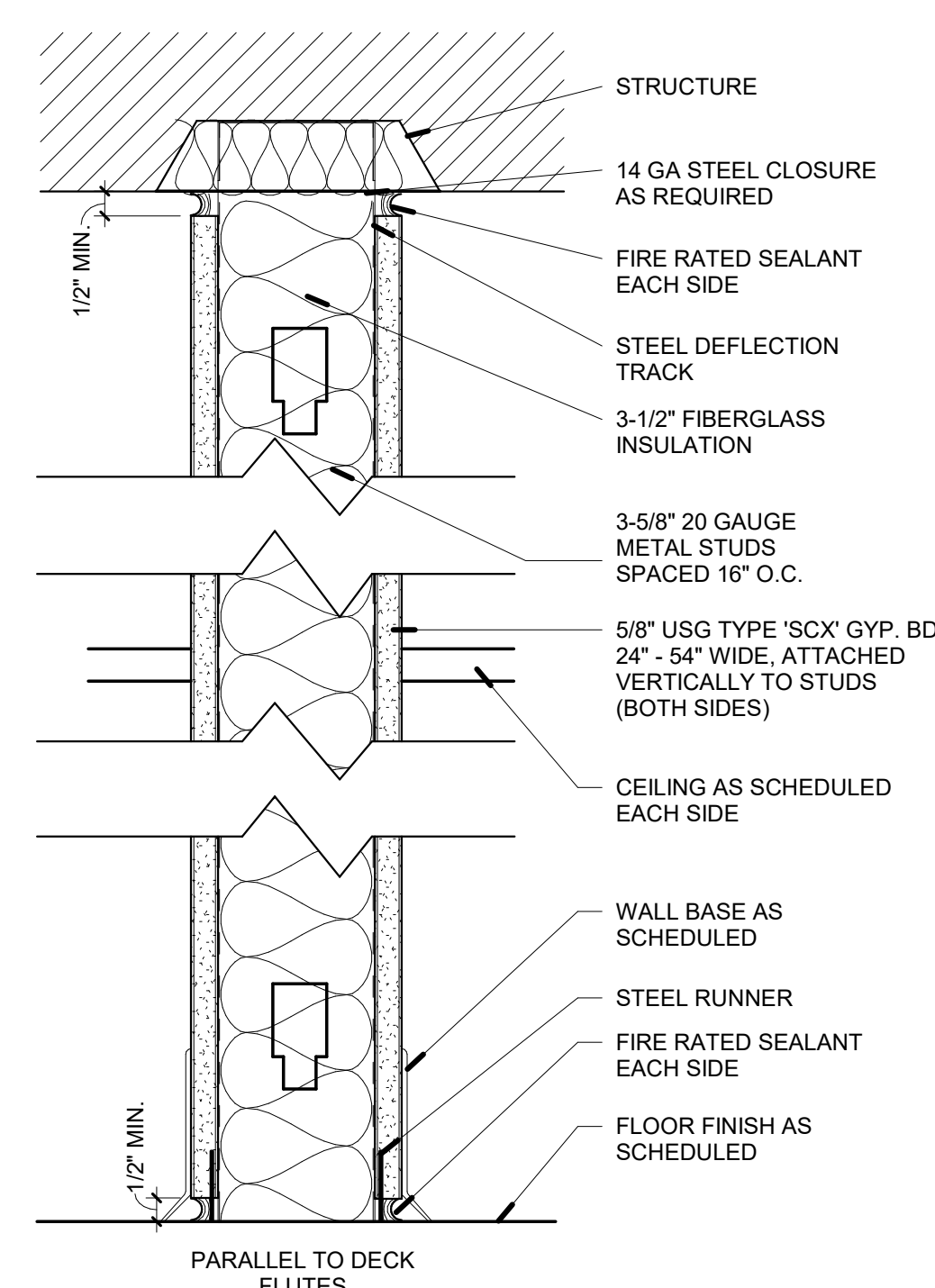
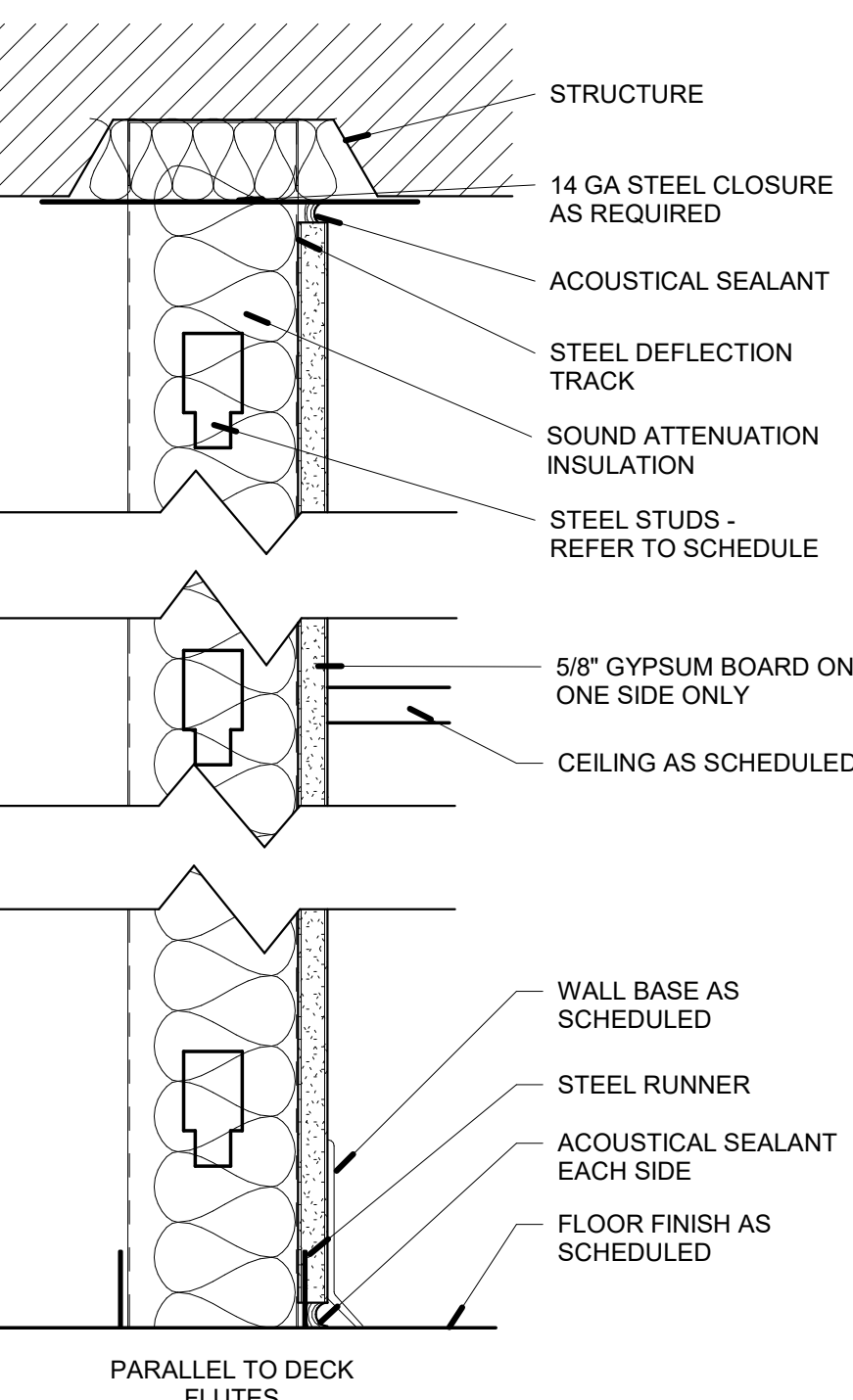
5 HM JAMB DETAIL
1 1/2" = 1'-0"

4 HM HEAD DETAIL
1 1/2" = 1'-0"

3 EXISTING WALL MODIFICATION TYPE 33
3/4" = 1'-0"

2 EXISTING WALL MODIFICATION - TYPE 2
3/4" = 1'-0"

1 EXISTING WALL MODIFICATION - TYPE 1
3/4" = 1'-0"



WALL TYPE B - INTERIOR WALL GYP ONE SIDE - ACOUSTIC ASSEMBLY

WALL TYPE B - INTERIOR WALL GYP BOTH SIDES - FIRE RATED ASSEMBLY

WALL TYPE A - INTERIOR WALL GYP BOTH SIDES - ACOUSTIC ASSEMBLY

WALL TYPE SCHEDULE

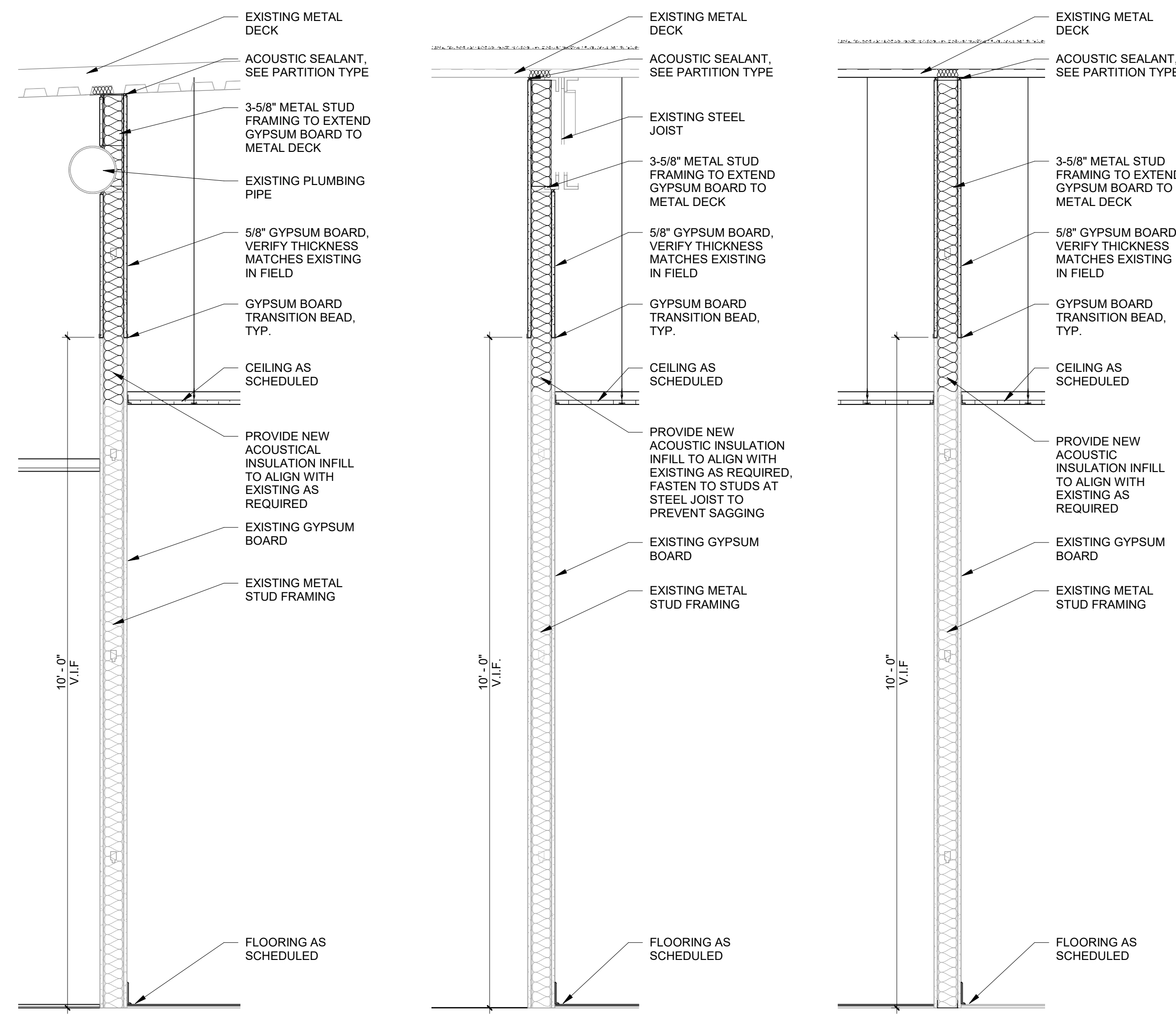
MARK	STUD SIZE	DESCRIPTION
C1	3-5/8"	EXTEND FRAMING, INSULATION AND GYPSUM BOARD TO BOTTOM OF MTL DECK, ACOUSTIC ASSEMBLY

WALL TYPE SCHEDULE

MARK	STUD SIZE	DESCRIPTION
B1	3-5/8"	EXTEND FRAMING, INSULATION AND GYPSUM BOARD TO BOTTOM OF MTL DECK, 1 HOUR FIRE RATED ASSEMBLY UL U419

WALL TYPE SCHEDULE

MARK	STUD SIZE	DESCRIPTION
A1	3-5/8"	EXTEND FRAMING, INSULATION AND GYPSUM BOARD TO BOTTOM OF MTL DECK, ACOUSTIC ASSEMBLY

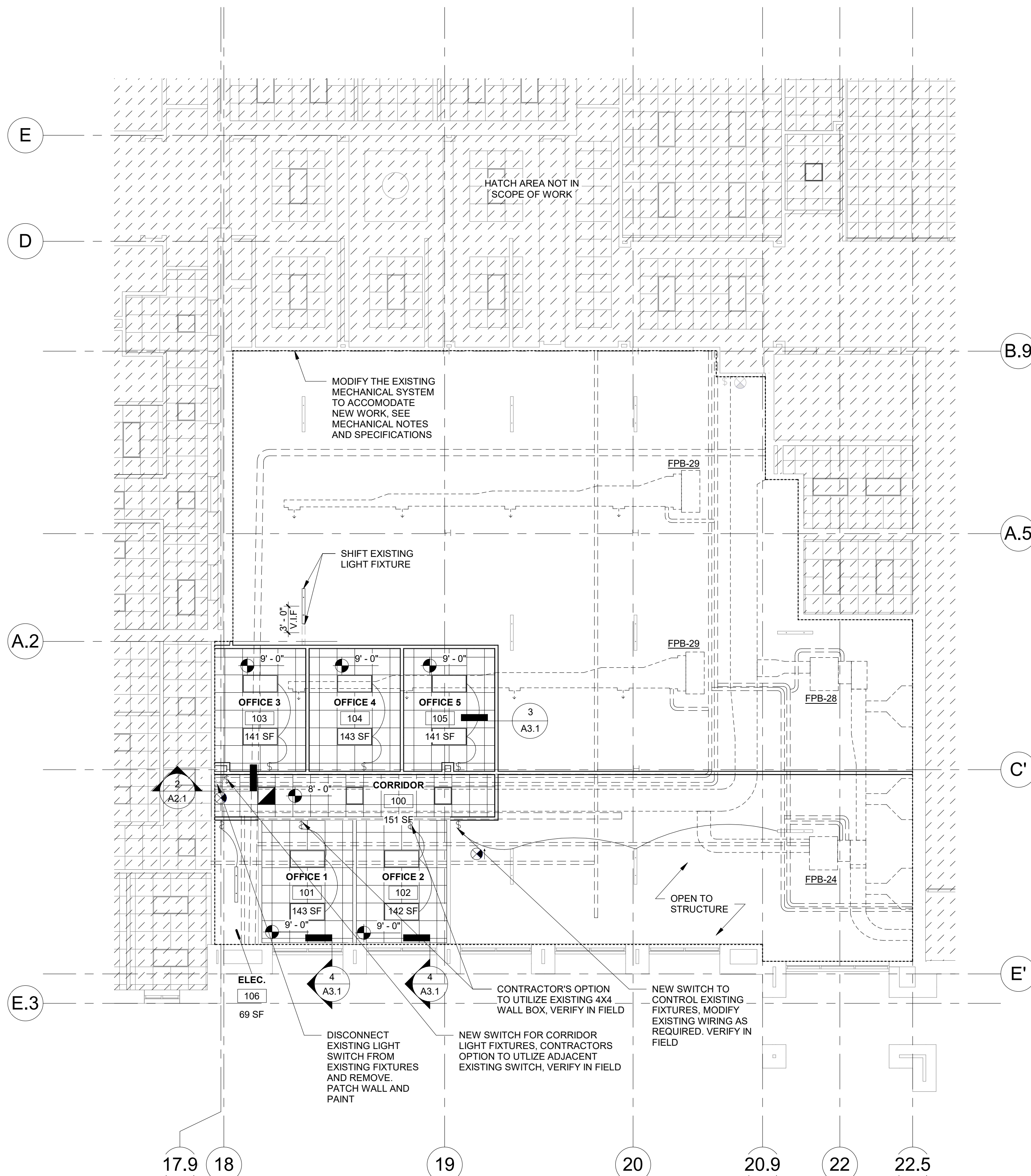


PARTITION TYPES NOTES

- DELEGATED DESIGN - INTERIOR LIGHT GAUGE FRAMING
 - HORIZONTAL DEFLECTION: PROVIDE NECESSARY FRAMING, BRACING, GAUGE, STEEL STRENGTH, DIMPLING, FASTENERS, ETC. TO ACHIEVE THE FOLLOWING PERFORMANCE REQUIREMENTS:
 - A. MAXIMUM DEFLECTION: L/360
 - B. MAXIMUM SPACING: 24"
 - VERTICAL DEFLECTION: PROVIDE NECESSARY HEADERS, FRAMING, BRACING, GAUGE, STEEL STRENGTH, DIMPLING, FASTENERS, ETC. TO ACHIEVE THE FOLLOWING PERFORMANCE REQUIREMENT:
 - A. MAXIMUM DEFLECTION: L/360
 - IN AREAS WHERE BUILDING SERVICES PENETRATE FRAMED WALLS PROVIDE FRAMED OPENINGS.
 - IN AREAS WHERE BUILDING SERVICES RUN PARALLEL TO FRAMED WALLS PROVIDE ADDITIONAL FRAMING, BRACING OR MODIFICATIONS TO GAUGE, STEEL STRENGTH, DIMPLING AND FASTENERS AS REQUIRED TO ACCOMMODATE SYSTEM.
- SUBSTRATE
 - PROVIDE 5/8" GYPSUM BOARD U.N.O. MODIFY SUBSTRATE AS FOLLOWS:
 - A. PROVIDE MOISTURE RESISTANT IN TOILET ROOMS AND JANITOR CLOSETS TO RECEIVE A PAINTED FINISH
 - B. PROVIDE 1/2" CEMENT BOARD ON ALL WALLS TO RECEIVE A CERAMIC, PORCELAIN, OR GLASS TILE.
 - C. PROVIDE 5/8" IMPACT RESISTANT GYPSUM BOARD UP TO 12'-0" IN VESTIBULES AND CORRIDORS.

REFERENCE NOTES

- REFER TO SPECIFICATION SECTION 078446 "FIRE RESISTIVE JOINT SYSTEMS" FOR FIRE RATED SEALANT.
- REFER TO SPECIFICATION SECTION 079219 "ACOUSTICAL JOINT SEALANTS" FOR ACOUSTICAL SEALANT.
- REFER TO SPECIFICATION SECTION 072100 "THERMAL INSULATION" FOR SOUND INSULATION BATT.
- REFER TO SPECIFICATION SECTION 092216 "NON STRUCTURAL METAL FRAMING" FOR LIGHT GAUGE FRAMING.



1 REFLECTED CEILING PLAN - PROBATION
1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE

FIXT. NO	DESCRIPTION	MANUFACTURER & MODEL NO.	VOLTAGE	LAMP QTY & TYPE	COMMENTS
F1	2'x4' LED LAY-IN TROFFER	LITHONIA 2FSL4 48L EP1 L835	MULTI-VOLT	38.5W LED	RUGGED, ONE-PIECE COLD-ROLLED STEEL COATED POLYESTER, PAINTED, SATIN WHITE LENS WITH SHIELDING AND WIDE DISTRIBUTION END PLATES, INCLUDE INTEGRAL T-BAR CLIPS, TOTAL FIXTURE HEIGHT 4-3/8" MAX. SUBJECT TO APPROVAL BY OWNER.
F2	2'x2' LED LAY-IN TROFFER	LITHONIA 2FSL2 48L EP1 L840	MULTI-VOLT	17.8W LED	RUGGED, ONE-PIECE COLD-ROLLED STEEL COATED POLYESTER, PAINTED, SATIN WHITE LENS WITH SHIELDING AND WIDE DISTRIBUTION END PLATES, INCLUDE INTEGRAL T-BAR CLIPS, TOTAL FIXTURE HEIGHT 4-3/8" MAX. SUBJECT TO APPROVAL BY OWNER.
F3	4' LED STRIPLIGHT	LITHONIA ZL1D L48 5000LM FST MVOLT 40K 80 CRI WH LBOZU NPP16D	MULTI-VOLT	41W LED	COMPACT DESIGN CHANNEL AND COVER FORMED FROM CODE-GAUGE COLD-ROLLED STEEL. ADD INTEGRAL OCCUPANCY SENSOR OPTION. SUBJECT TO APPROVAL BY OWNER.
E1	EXIT SIGN	LITHONIA LQM-S-W-3-R-120/277 -ELN	MULTI-VOLT	LED	3/4" STROKE X 6" HIGH RED LETTERS READING 'EXIT' ON STENCIL FACE. UNIVERSAL MOUNT, DIRECTIONAL INDICATIONS PER DRAWINGS AND AHJ. 120V OPERATION, NICKEL CADMIUM BATTERY, 90 MINUTE BATTERY LIFE. SUBJECT TO APPROVAL BY OWNER.

*ALL LIGHT FIXTURES LISTED ARE BASIS OF DESIGN AND ARE SUBJECT TO APPROVAL BY OWNER.

GENERAL CEILING NOTES

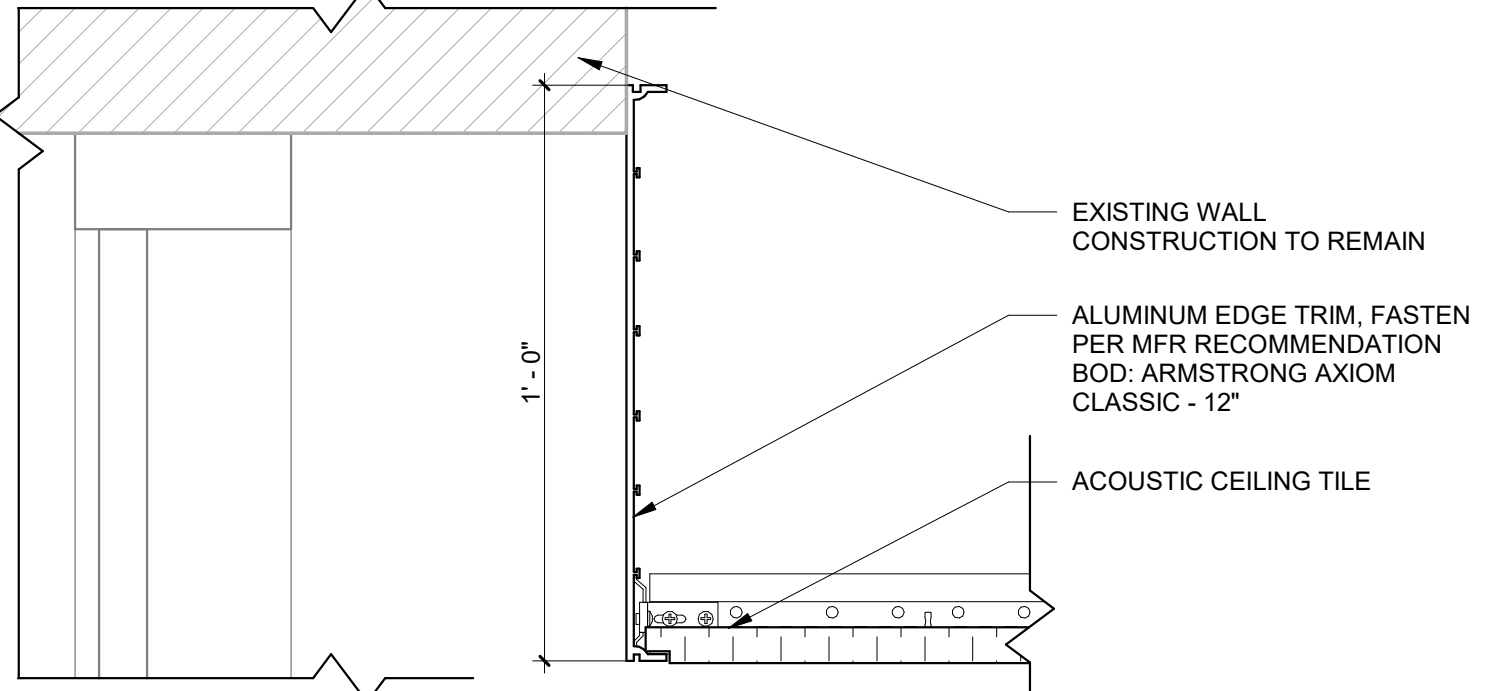
- COORDINATE WITH MECHANICAL AND FIRE PROTECTION DRAWINGS FOR COORDINATION OF DIFFUSERS, SPRINKLER HEADS, ETC.
- CENTER SPRINKLER HEADS IN CEILING TILES, UNLESS NOTED OTHERWISE.
- IN AREAS OF 2'x2' ACT WHERE LESS THAN 4" OF TILE WOULD BE REQUIRED TO FILL SPACE TO THE WALL, PROVIDE MATCHING 2'x4' TILE CUT AS REQUIRED TO FILL SPACE. DO NOT PROVIDE INTERVENING TEE GRID.

ELECTRICAL LIGHTING NOTES

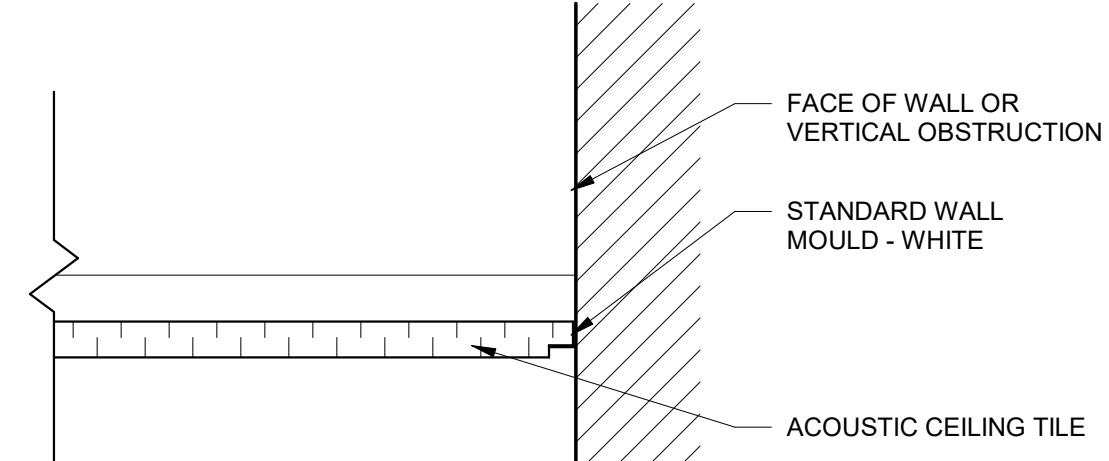
- ELECTRICAL DESIGN-BUILD**
THE ELECTRICAL DESIGN-BUILD CONTRACTOR IS TO PROVIDE A BID FOR COMPLETE DESIGN AND INSTALLATION OF THE ELECTRICAL SYSTEMS USING THE ARCHITECTURAL DRAWING AS A GUIDELINE. FULL RESPONSIBILITY OF A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEMS SHALL BE BY THE SELECTED DESIGN-BUILD ELECTRICAL CONTRACTOR. THE SELECTED CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT ON THE INSTALLED SYSTEMS. THE SELECTED DESIGN-BUILD ELECTRICAL CONTRACTOR IS TO PROVIDE THE FOLLOWING BUT NOT LIMITED TO:
- FINAL DRAWINGS FOR SUBMISSION FOR PERMIT TO BE SIGNED/STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS. COMCHECK SHALL BE INCLUDED WITH THE PERMIT DRAWINGS.
 - FINAL DRAWINGS ARE TO INCLUDE A COMPLETE PANEL SCHEDULE.
 - SHOP DRAWINGS SUBMITTED TO ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
 - FINAL LIGHTING DESIGN, POWER SYSTEMS, AND SYSTEMS DESIGN.
 - ONCE CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE AS-BUILTS, SHOP DRAWINGS, MANUFACTURING WARRANTIES, GUARANTIES AS WELL AS OPERATIONAL AND MAINTENANCE MANUALS.
- VERIFY CEILING CONSTRUCTION IN ALL AREAS. CONTRACTOR SHALL BE RESPONSIBLE FOR ORDERING FIXTURES WITH CORRECT TRIMS, ETC. TO ASSURE COMPATIBILITY WITH CEILING STRUCTURE.
 - ALL WORK MUST COMPLY WITH NEC, NFPA, LIFE SAFETY AND LOCAL APPLICABLE CODES.
 - WHERE MORE THAN ONE SWITCH AT A LOCATION, CONTRACTOR SHALL INSTALL CO-LOCATED LIGHT SWITCHES IN A COMMON FACEPLATE. USE MULTI-GANG BACKBOXES. VERIFY MOUNTING HEIGHT WITH ADA REQUIREMENTS. PROVIDE STEEL BARRIERS BETWEEN SWITCHES FOR EACH CIRCUIT WHERE MANDATED BY CODE.
 - COORDINATE INSTALLATION OF LIGHTING FIXTURES IN MECHANICAL AREAS, EQUIPMENT ROOM, ETC; ADJUST FIXTURE HEIGHTS AND LOCATIONS AS NECESSARY TO OFFSET CONFLICTS
 - EMERGENCY EGRESS LIGHTING AND EXIT SIGNS SHALL BE EQUIPPED WITH INTEGRATED BATTERY BACKUP WITH MINIMUM 90 MIN DURATION CENTER ABOVE DOOR, UNLESS NOTED OTHERWISE.
 - LIGHTING CONTROLS, CONTROL TYPE AND LOCATIONS TO BE CONFIRMED BY OWNER IN FIELD PRIOR TO INSTALLATION.
 - LIGHTING LOCATIONS, QUANTITY AND SPECIFICATIONS ARE FOR FOR REFERENCE ONLY AND SHALL BE COORDINATED AND APPROVED BY OWNER PRIOR TO PURCHASE AND INSTALLATION.

MECHANICAL NOTES

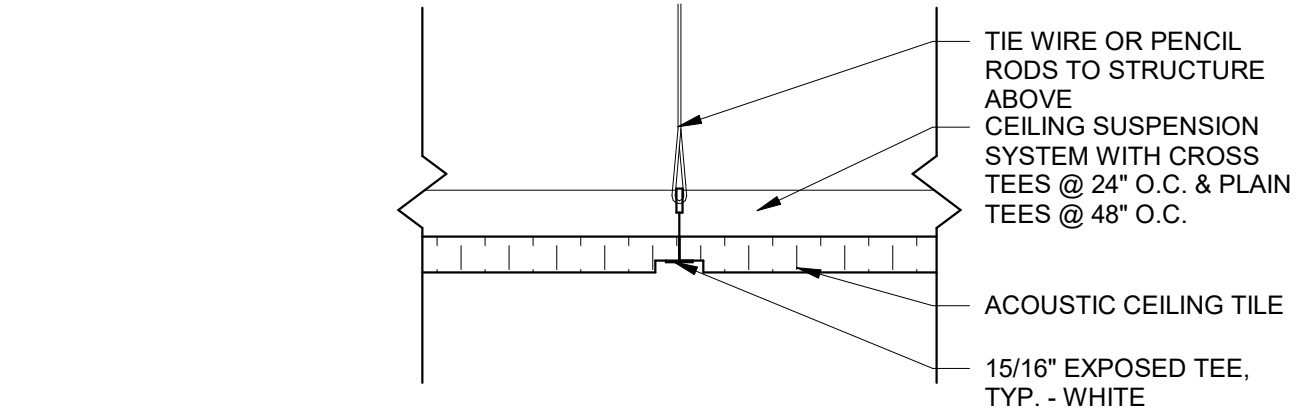
- MECHANICAL DESIGN-BUILD**
THE HVAC DESIGN-BUILD CONTRACTOR IS TO PROVIDE A BID FOR COMPLETE DESIGN AND INSTALLATION OF THE HVAC SYSTEM USING THE ARCHITECTURAL DRAWING AS A GUIDELINE. FULL RESPONSIBILITY OF A COMPLETE AND OPERATIONAL HVAC SYSTEM SHALL BE BY THE SELECTED DESIGN-BUILD MECHANICAL CONTRACTOR. THE SELECTED CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT ON THE INSTALLED SYSTEMS. THE SELECTED DESIGN-BUILD MECHANICAL CONTRACTOR IS TO PROVIDE THE FOLLOWING BUT NOT LIMITED TO:
- FINAL DRAWINGS FOR SUBMISSION FOR PERMIT TO BE SIGNED/STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS. COMCHECK SHALL BE INCLUDED WITH THE PERMIT DRAWINGS.
 - FINAL DRAWINGS ARE TO INCLUDE A COMPLETE VENTILATION SCHEDULE.
 - COORDINATE AND SUBMIT ALL PAPERWORK TO NICOR GAS COMPANY AS REQUIRED.
 - SHOP DRAWINGS SUBMITTED TO ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
 - FINAL EQUIPMENT SIZING, PIPE SIZING, DUCTWORK SIZING, ELECTRICAL SIZING, AND ALL OTHER RELATED ITEMS.
 - ONCE CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE AS-BUILTS, SHOP DRAWINGS, MANUFACTURING WARRANTIES, GUARANTIES AS WELL AS OPERATIONAL AND MAINTENANCE MANUALS.
 - ALL WORK IS TO CONFORM TO LOCAL CODES AND STANDARDS, INCLUDING BUT NOT LIMITED TO IMG, IFGC, IECC, AND SMACNA.
 - DESIGN TEMPERATURES: WINTER: -10/-10; SUMMER: 95/75; HEATING: 72; COOLING: 72.
- THE MECHANICAL CONTRACTOR SHALL DESIGN FURNISH AND INSTALL ALL HEATING, VENTILATING AND AIR-CONDITIONING SYSTEMS, DUCTWORK, DIFFUSERS, REGISTERS, GRILLES, LOUVERS, LINING, INSULATION, EXHAUST AIR SYSTEMS, ACCESSORIES, TEMPERATURE CONTROL SYSTEMS, SPECIALTIES, PIPING AND WIRING, WATER SYSTEMS AND DISTRIBUTION PIPING, TOOLS AND EQUIPMENT FOR COMPLETE INSTALLATION OF NEW H.V.A.C. SYSTEMS, GUARANTEE AND SERVICE.
 - IT IS THE INTENT OF THESE DIAGRAMMATIC DRAWINGS TO PROVIDE THE PROJECT SCOPE INCLUDING BUT NOT LIMITED TO DEMOLITION AND NEW CONSTRUCTION. EXISTING INFORMATION INDICATED IN THESE PLANS DOES NOT REPRESENT ALL EXISTING CONDITIONS. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS TO COORDINATE MODIFICATION OF HVAC SYSTEMS AS REQUIRED.
 - THIS CONTRACTOR SHALL BE RESPONSIBLE TO INSTALL ALL ITEMS USING CONSTRUCTION METHODS THAT WILL PROTECT AT ALL TIMES PROPERTY AND PREVENT BODILY INJURY AND/OR DEATH. SPECIAL ATTENTION AND PRECAUTION SHALL BE PAID BY THE CONTRACTOR IN SELECTING THE SAFEST METHODS OR MEANS FOR THE INSTALLATION.
 - THIS ARCHITECT/ENGINEER HAS NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION, OR TO SUPERVISE SAFETY AND DID NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
 - ALL MECHANICAL WORK SHALL BE EXECUTED IN STRICT ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODES, ACCEPTED BY THE ARCHITECT AND LEFT IN PERFECT OPERATING CONDITION.
 - CONTRACTOR SHALL OBTAIN AND PAY ALL FEES AND PERMITS TO ALL PRIVATE AND PUBLIC AGENCIES HAVING JURISDICTION OVER THE PROJECT.
 - CONTRACTOR SHALL CONSULT AND CHECK AT ALL TIMES THE LATEST ARCHITECTURAL, ELECTRICAL, PLUMBING AND EQUIPMENT DRAWINGS BEFORE FINALIZING EXACT LOCATION OF EACH DIFFUSER, REGISTER, GRILLE, LOUVER, DUCT AND EQUIPMENT.
 - AFTER COMPLETION OF THE PROJECT, SUBMIT THREE SETS OF "AS BUILT", SHOP DRAWINGS AND ALL MANUFACTURER'S WARRANTIES, GUARANTIES AND INSTRUCTIONS OF ALL INSTALLED SYSTEMS AND EQUIPMENT PROPERLY BOUND AND LABELED FOR THIS PROJECT. PROVIDE SERVICE CONTACT INFORMATION AND WARRANTY LETTER FROM MECHANICAL INSTALLER ON THE COVER SHEET OF THE MANUALS.
 - CONTRACTOR SHALL NOT ROUTE DUCTWORK OVER ELECTRICAL PANELS.
 - CONTRACTOR SHALL ROUTE ALL DUCTWORK TIGHT TO STRUCTURE ABOVE IN EXPOSED CEILINGS.
 - CONTRACTOR SHALL PROVIDE CAULK AROUND ALL PIPES AND DUCTWORK AT ALL WALL PENETRATIONS.
 - CONTRACTOR SHALL PROVIDE ALL SUPPLY / RETURN / EXHAUST DIFFUSERS AND GRILLES WITH VOLUME DAMPERS AT BRANCH TAKE-OFF.
 - FOR CLARITY, THESE DOCUMENTS DO NOT NECESSARILY SHOW EVERY OFFSET, FITTING, VALVE, ETC.
 - UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, CONTRACTOR SHALL CUT, PATCH, AND MATCH EXISTING BUILDING CONSTRUCTION TO REMOVE AND INSTALL WORK AS REQUIRED.
 - PRIOR TO MECHANICAL EQUIPMENT SUBMITTALS, THE MECHANICAL CONTRACTOR, TEMPERATURE CONTROLS CONTRACTOR, AND EQUIPMENT MANUFACTURER SHALL COORDINATE TO ENSURE ALL SYSTEMS ARE USING THE SAME COMMUNICATION PROTOCOL.
 - ALL MATERIAL SHALL COMPLY WITH THE REQUIREMENTS OF SECTION IMC SECTION 602.
 - CONTRACTOR SHALL PROVIDE STATIC FIRE DAMPERS AND ACCESS DOORS AT ALL FIRE RATED WALL OR FLOOR PENETRATIONS AS REQUIRED PER IMC.
 - PROVIDE TEST AND BALANCE REPORT.
 - PROVIDE A MINIMUM OF TWO TOTAL ZONES AND INTEGRATE INTO THE EXISTING BAS SYSTEM.



4 ACT CEILING EDGE AT WINDOW
3" = 1'-0"



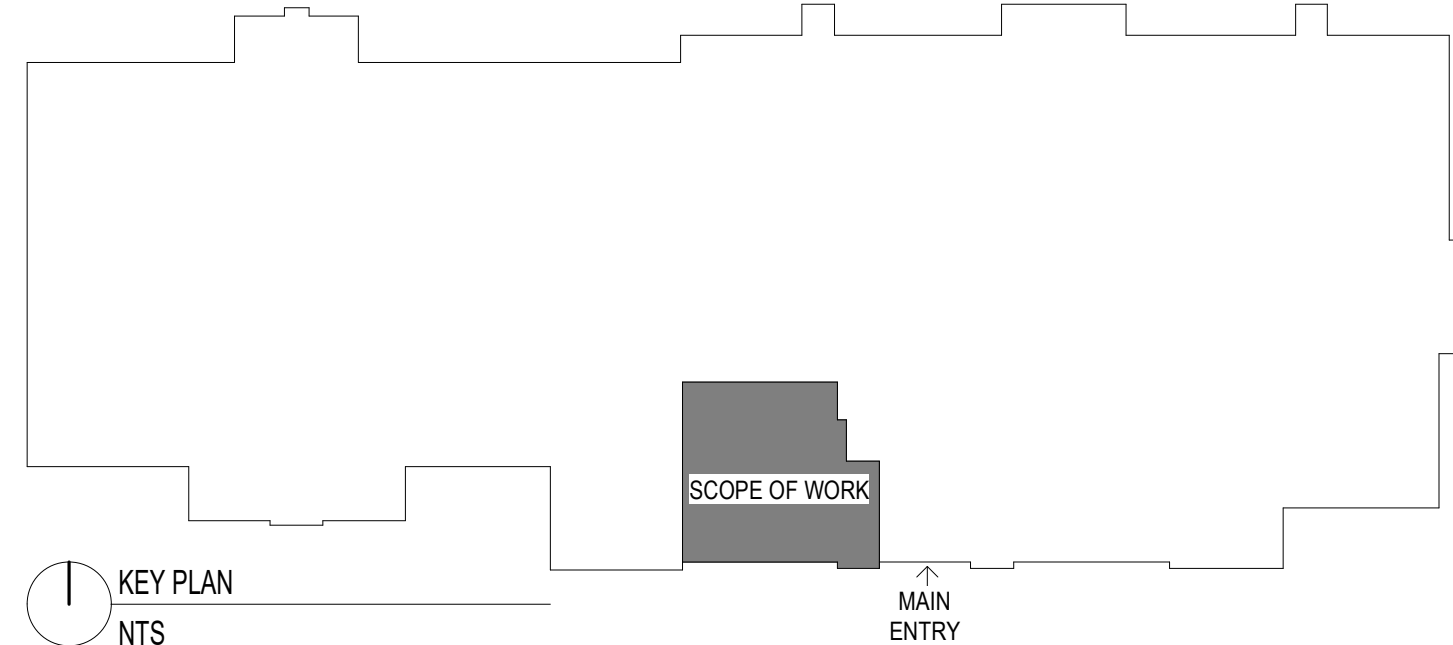
3 TYP. ACT CEILING EDGE
3" = 1'-0"



2 TYP. ACT CEILING DETAIL
3" = 1'-0"

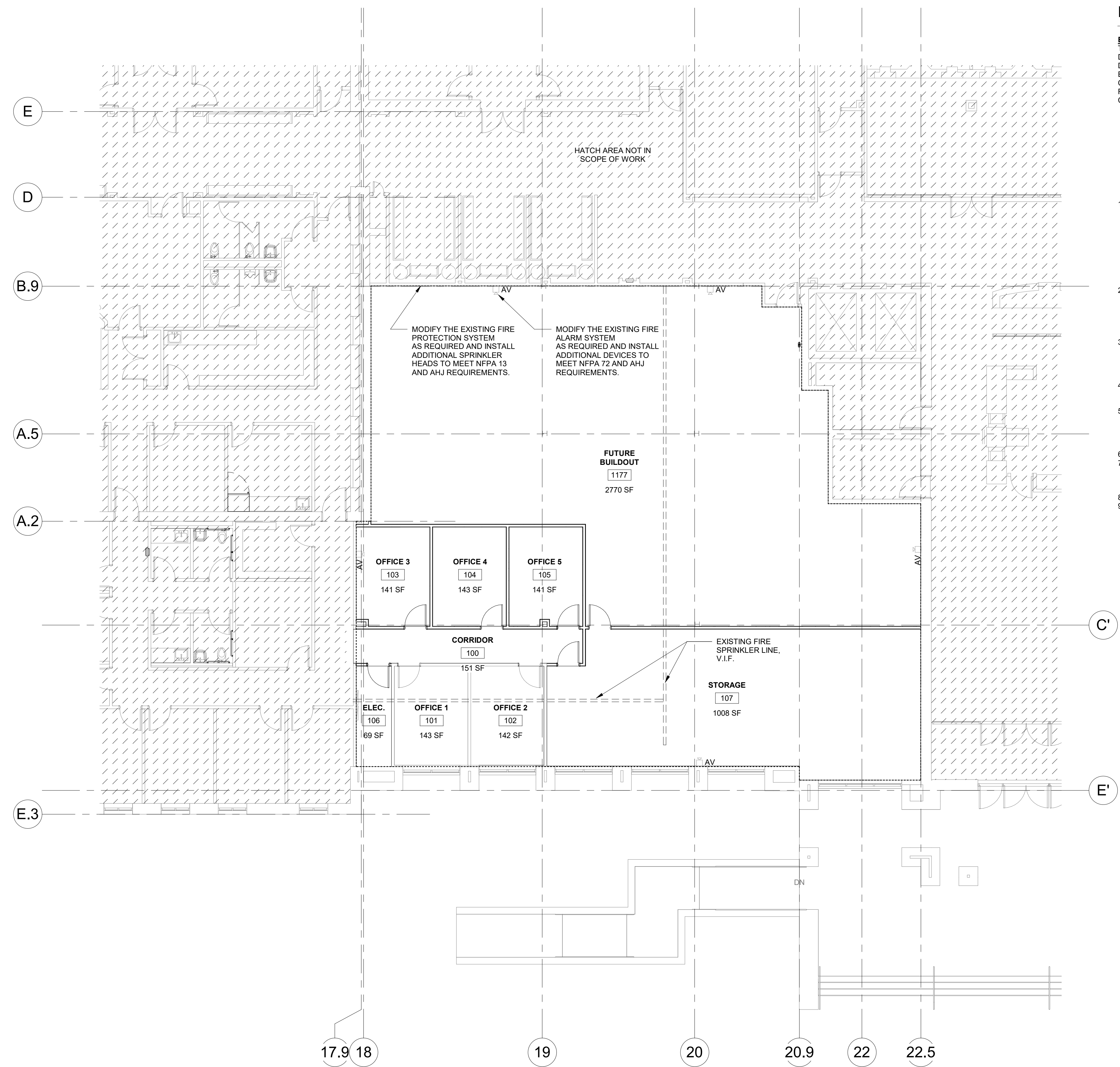
REFLECTED CEILING LEGEND

SYMBOL	DESCRIPTION
[Symbol]	2' x 2' ACOUSTICAL CEILING TILES -ACT-01P- BOD: ARMSTRONG ULTIMA
[Symbol]	2' x 4' RECESSED LIGHT FIXTURE REFER TO FIXTURE SCHEDULE
[Symbol]	2' x 2' RECESSED LIGHT FIXTURE REFER TO FIXTURE SCHEDULE
[Symbol]	SURFACE MOUNT LINEAR FIXTURE REFER TO FIXTURE SCHEDULE
[Symbol]	EXISTING SURFACE MOUNT LINEAR VERIFY LOCATION IN FIELD
[Symbol]	EXIT SIGN REFER TO FIXTURE SCHEDULE
[Symbol]	EXISTING MECHANICAL VERIFY LOCATIONS IN FIELD
[Symbol]	EXISTING PLUMBING VERIFY LOCATIONS IN FIELD
[Symbol]	NEW SINGLE TOGGLE SWITCH WHITE DEVICE AND COVER



1 KEY PLAN
NTS

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1 FIRST FLOOR PLAN - PROBATION
 1/8" = 1'-0"

FIRE ALARM NOTES

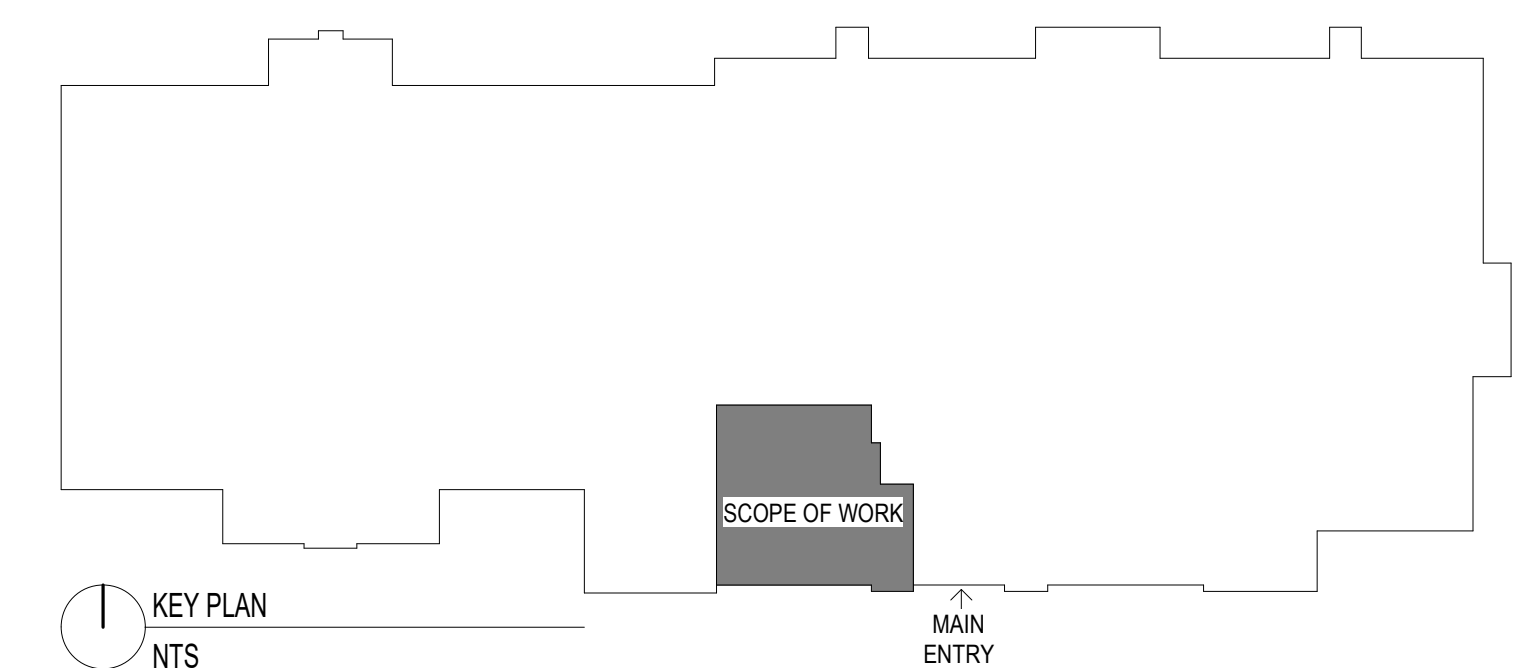
- ELECTRICAL DESIGN-BUILD**
 THE ELECTRICAL DESIGN-BUILD CONTRACTOR IS TO PROVIDE A BID FOR COMPLETE DESIGN AND INSTALLATION OF THE ELECTRICAL SYSTEMS USING THE ARCHITECTURAL DRAWING AS A GUIDELINE. FULL RESPONSIBILITY OF A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEMS SHALL BE BY THE SELECTED DESIGN-BUILD ELECTRICAL CONTRACTOR. THE SELECTED CONTRACTOR SHALL PROVIDE A TEST AND BALANCE REPORT ON THE INSTALLED SYSTEMS. THE SELECTED DESIGN-BUILD ELECTRICAL CONTRACTOR IS TO PROVIDE THE FOLLOWING BUT NOT LIMITED TO:
- FINAL DRAWINGS FOR SUBMISSION FOR PERMIT TO BE SIGNED/STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS. COMCHECK SHALL BE INCLUDED WITH THE PERMIT DRAWINGS.
 - FINAL DRAWINGS ARE TO INCLUDE A COMPLETE PANEL SCHEDULE.
 - SHOP DRAWINGS SUBMITTED TO ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
 - FINAL LIGHTING DESIGN, POWER DESIGN, AND SYSTEMS DESIGN.
 - ONCE CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE AS-BUILTS, SHOP DRAWINGS, MANUFACTURING WARRANTIES, GUARANTIES AS WELL AS OPERATIONAL AND MAINTENANCE MANUALS.
- THE FIRE ALARM CONTRACTOR (F.A.C.) SHALL DESIGN, FURNISH AND INSTALL COMPLETE LOCAL PROTECTIVE AND REMOTE ALARM SYSTEM SIGNALING SYSTEM PER LOCAL CODE. THE F.A.C. SHALL PROCURE PERMITS AND SUBMIT INSTALLER'S LAYOUT DRAWINGS, PRODUCT DATA AND NEW BATTERY COMPUTATIONS (INCLUDING EXISTING AND NEW LOADS) TO THE AHJ FOR REVIEW AND COMMENT. PROVIDE ALL NEW EQUIPMENT AND DEVICES REQUIRED. COORDINATE WITH OTHER SYSTEMS. IF DIFFERENT FROM THE F.A.C., THE ELECTRICAL CONTRACTOR (E.C.) SHALL PROVIDE ADDITIONAL RACEWAYS WHERE REQUIRED TO SUPPORT THE FIRE ALARM INSTALLATION.
 - THE FIRE ALARM SYSTEM LAYOUT DRAWINGS SHALL BE DEVELOPED IN ACCORDANCE WITH NFPA 72 BY PERSONS WHO ARE EXPERIENCED IN THE PROPER DESIGN, APPLICATION, INSTALLATION AND TESTING OF FIRE ALARM SYSTEMS. EXAMPLES INCLUDE FACTORY TRAINED AND CERTIFIED STAFF, MINIMUM LEVEL IV NICET CERTIFICATION OR LICENSED P.E.
 - F.A.C. IS RESPONSIBLE FOR FIELD VERIFICATION OF FIELD CONDITIONS, COORDINATION WITH OTHER TRADES AND ADAPTATIONS NECESSARY TO EXECUTE THE WORK. VISIT THE JOB SITE. USE FIELD SURVEYS AND MEASUREMENTS IN PREPARING THE BID AND EXECUTING THE WORK. COMMENCEMENT OF WORK INDICATES ACCEPTANCE OF EXISTING CONDITIONS.
 - ALL FIRE ALARM WORK TO BE COMPLIANT WITH APPLICABLE CODES AND STANDARDS. THE F.A.C. SHALL PROVIDE ALL DOCUMENTATION AS MANDATED BY 72 AND AS STIPULATED BY AHJ.
 - QUALITY ASSURANCE:
 - IBC-2018, IFC-2018 AND SUBCODES, NFPA 72 AS REFERENCED THEREIN AND CODES ACCEPTED AND AMENDED BY AHJ.
 - DEVICES AND SYSTEM TO BE UL LISTED, ANIS AND IEEE.
 - NECA/IBEW WORKMANSHIP STANDARDS, AND AMERICAN ELECTRICIAN'S HANDBOOK
 - ALL DEVICE HEIGHTS MUST COMPLY WITH ADA WHEN WORK IS COMPLETE.
 - COORDINATE WITH SPRINKLER PLANS FOR FINAL QUANTITIES OF INITIATING DEVICES TO BE MONITORED. COORDINATE WITH LOCAL AHJ FOR CONFIGURATION OF TAMPER AND FLOW MONITORING. WHEN APPLICABLE, MONITOR ALL FIRE PUMP PARAMETERS REQUIRED BY CODE.
 - PROVIDE ALL COMPONENTS AND PARTS FOR A COMPLETE OPERATING SYSTEM
 - VERIFY FINAL REQUIREMENTS OF SECONDARY SUPPLY WITH AHJ. PERFORM BATTERY CALCULATIONS AND PROVIDE SUFFICIENT CAPACITY TO THE SYSTEM AS NECESSARY.

FIRE PROTECTION NOTES

- FIRE PROTECTION DESIGN-BUILD**
 THE FIRE PROTECTION DESIGN-BUILD CONTRACTOR IS TO PROVIDE A BID FOR COMPLETE DESIGN AND INSTALLATION OF THE SPRINKLER SYSTEM USING THE ARCHITECTURAL DRAWING AS A GUIDELINE. FULL RESPONSIBILITY OF A COMPLETE AND OPERATIONAL SPRINKLER SYSTEM SHALL BE BY THE SELECTED DESIGN-BUILD FIRE PROTECTION CONTRACTOR. THE SELECTED DESIGN-BUILD FIRE PROTECTION CONTRACTOR IS TO PROVIDE THE FOLLOWING BUT NOT LIMITED TO:
- FINAL DRAWINGS FOR SUBMISSION FOR PERMIT(S) TO BE SIGNED/STAMPED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF ILLINOIS.
 - FIRE PROTECTION DESIGN BUILD CONTRACTOR TO BE LICENSED.
 - FINAL DRAWINGS ARE TO INCLUDE, BUT NOT LIMITED TO SUPPLY FLOW TEST DATA, HYDRAULIC INFORMATION, SPRINKLER LEGEND, FIRE DEPARTMENT CONNECTION LOCATION, AND SPRINKLER RISER DIAGRAM.
 - SHOP DRAWINGS SUBMITTED TO ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
 - FINAL DESIGN AND CALCULATION OF THE SYSTEM IS TO BE BY FIRE PROTECTION DESIGN BUILD CONTRACTOR IN ACCORDANCE WITH NFPA AND THE LOCAL FIRE PREVENTION DEPARTMENT.
 - LOCATION AND NUMBER OF HEADS MUST BE VERIFIED BY THE FIRE PROTECTION DESIGN BUILD CONTRACTOR.
 - PROVIDE A COMPLETE DRY PIPE SYSTEM PER NFPA13 WHERE REQUIRED.
 - ONCE CONSTRUCTION IS COMPLETED, THE FIRE PROTECTION DESIGN BUILD CONTRACTOR SHALL PROVIDE AS-BUILTS, SHOP DRAWINGS, MANUFACTURING WARRANTIES, GUARANTIES AS WELL AS OPERATIONAL AND MAINTENANCE MANUALS.
 - ALL PIPES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE UTILIZING HANGERS, MATERIALS, AND METHODS PER NFPA-13. PIPING SUPPORT SHALL BE IN ACCORDANCE WITH NFPA-13.
 - ALL MATERIALS, WHERE APPLICABLE, SHALL BE U.L. LISTED AND FACTORY MUTUAL APPROVED FOR USE IN AUTOMATIC SPRINKLER SYSTEMS.
 - ALL PIPING AND SPRINKLER HEADS SHALL BE INSTALLED AS PER NFPA-13, LOCAL CODES, AND ASTM-A120 STANDARDS, REGULATIONS, RECOMMENDATIONS AND RULES. PIPING SHALL BE SHOP WELDED IN ACCORDANCE WITH NFPA-13 STANDARDS. FITTINGS SHALL BE STANDARD WEIGHT BLACK CAST IRON WITH SCREWED JOINTS.
- AREAS SHOWN: STORAGE & MECHANICAL: ORDINARY HAZARD. OTHER AREAS: LIGHT HAZARD. FIELD-FIT PENDANT HEADS TO CENTER OF CEILING TILES.
 - LINE PIPING: BLACK STEEL SCHEDULE 40 PIPE, MANUFACTURED TO ASTM-A795, TYPE E, GRADE A, STANDARDS. FITTINGS SHALL BE VICTAULIC "FIT" FITTINGS, UL/LC/FM RATED TO 175 PSI FOR FIRE PROTECTION SERVICE. GASKETS SHALL BE GRADE E EPDM RUBBER COMPOUND, RATED AT -30F TO +150F. SCREWED FITTINGS SHALL BE CAST IRON THREADED, CLASS 125 (STANDARD), MANUFACTURED PER ANSI B16.4, U.L. LISTED FOR FIRE PROTECTION TO 175 PSI.
 - MAIN PIPING: BLACK STEEL SCHEDULE 10 PIPE, MANUFACTURED TO ASTM-A135 STANDARDS.
 - RISER NIPPLES & STARTER PIECES: BLACK STEEL SCHEDULE 40 PIPE, MANUFACTURED TO ASTM-A135 STANDARDS.
 - GROOVED COUPLINGS: VICTAULIC "FIRELOCK" RIGID COUPLINGS, UL/FM APPROVED TO 300 PSI FOR FIRE PROTECTION SERVICE. GASKETS SHALL BE GRADE E (TYPE A) EPDM RUBBER COMPOUND, RATED AT -30F TO + 150F.
 - GROOVED FITTINGS: VICTAULIC "FIRELOCK" FITTINGS, UL/FM APPROVED TO 300 PSI FOR FIRE PROTECTION SERVICE.
 - FLANGED FITTINGS: CAST IRON, CLASS 125 (STANDARD), MANUFACTURED PER ANSI B16.1 AND MARKED 125. FLANGES ARE FACED AND DRILLED AMERICAN NATIONAL STANDARD. UL LISTED FOR FIRE PROTECTION TO 175 PSI.
 - HANGERS: 3/8" THREADED ROD, CLAMP TO STRUCTURE, UNISTRUT TRAPEZE AS REQUIRED.
 - PROVIDE SCHEDULE 40 SLEEVES AT WALL PENETRATIONS AND SEAL HYDROSTATICALLY. TEST COMPLETED SYSTEM AT 200 PSI FOR 2 HOURS. ALARM WIRING AND CENTRAL SUPERVISION FOR FLOW & TAMPER SWITCHES TO BE PROVIDED BY OTHERS. PROVIDE 115 VOLT FLOW & TAMPER SWITCH DEVICES.

SPRINKLER NOTES

- DRAWING IS INTENDED TO PROVIDE SCOPE ONLY. DESIGN AND CALCULATION OF THE SYSTEM TO BE BY SPRINKLER CONTRACTOR IN ACCORDANCE WITH NFPA AND THE LOCAL FIRE PREVENTION DEPT. LOCATION AND NUMBER OF HEADS MUST BE VERIFIED BY THE SPRINKLER CONTRACTOR.
- SPRINKLER CONTRACTOR SHALL PREPARE SHOP DRAWINGS AND SUBMIT THEM TO THE LOCAL FIRE PREVENTION DEPARTMENT FOR APPROVAL PRIOR TO ORDERING, PURCHASING, MANUFACTURING AND INSTALLING ANY PORTION OF THE SPRINKLER SYSTEM. PROVIDE NICET I/VE STAMP.
- ALL PIPING AND SPRINKLER HEADS SHALL BE INSTALLED AS PER NFPA-13, LOCAL CODES, AND ASTM-A120 STANDARDS, REGULATIONS, RECOMMENDATIONS AND RULES. PIPING SHALL BE SHOP WELDED IN ACCORDANCE WITH NFPA-13 STANDARDS. FITTINGS SHALL BE STANDARD WEIGHT BLACK CAST IRON WITH SCREWED JOINTS.
- ALL MATERIALS, WHERE APPLICABLE, SHALL BE U.L. LISTED AND FACTORY MUTUAL APPROVED FOR USE IN AUTOMATIC SPRINKLER SYSTEMS.
- ALL PIPES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE UTILIZING HANGERS, MATERIALS, AND METHODS PER NFPA 13. PIPING SUPPORT SHALL BE IN ACCORDANCE WITH NFPA 13.
- REDUCERS, UNION, VALVES, HANGERS, SLEEVED THROUGH WALLS AND FLOORS, SPECIALTIES AND OTHER MISCELLANEOUS ITEMS NOT SHOWN ON DRAWINGS SHALL BE FURNISHED BY SPRINKLER CONTRACTOR AS REQUIRED.
- ELECTRIC ALARM DEVICES AND SUPERVISORY DEVICES FOR THE MONITORING OF THE SPRINKLER SYSTEM SHALL BE INSTALLED BY THE FIRE PROTECTION CONTRACTOR. ALL WIRING OF THE DEVICES IS THE RESPONSIBILITY OF OTHERS.
- CHECK AND CONSULT ALL TIMES THE LATEST ARCHITECTURAL, MECHANICAL, ELECTRICAL AND EQUIPMENT DRAWINGS FOR EXACT LOCATION OF EQUIPMENT, LIGHTING FIXTURES, CEILING AIR DIFFUSERS, DUCTWORK, ETC. RE-ROUTE ANY PORTION OF SPRINKLER PIPING AS REQUIRED IN FIELD BY ARCHITECTURAL OR OTHER REVISIONS TO AVOID INTERFERENCES.
- CONTRACTOR TO BE LICENSED.



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FIRE PROTECTION/FIRE ALARM PLAN AND NOTES
 JOB NUMBER 22-1103
 DATE 11/15/2023
 REVISIONS:
FP2.1
 BID SET