

TENANT IMPROVEMENTS FOR: OXNARD UNION HIGH SCHOOL DISTRICT District Office

1800 SOLAR DRIVE - 1ST & 2ND FLOORS
OXNARD - CALIFORNIA - 93030

NOTE: ADULT EDUCATION ONLY. K-12 CLASSROOM USE IS PROHIBITED.

- ### FIRE DEPARTMENT NOTES
- AIR HANDLING UNITS WITH A CAPACITY IN EXCESS OF 2000 CFM SHALL BE PROVIDED WITH AUTOMATIC SHUTDOWN VIA SMOKE DETECTORS INSTALLED WITHIN THE DUCT (Per Mechanical Code Section 608.)
 - FIRE SPRINKLERS SHALL NOT BE PLACED "OUT OF SERVICE" WITHOUT APPROVAL FROM THE OXNARD FIRE DEPARTMENT.
 - A FIRE ALARM EQUIPPED WITH OCCUPANT NOTIFICATION SHALL BE REQUIRED THROUGHOUT THE BUILDING PER THE DIRECTION OF FIRE CODE OFFICIAL (FIRE MARSHAL).
 - THE FIRE ALARM SHALL HAVE OCCUPANT NOTIFICATION DEVICES ACTIVATED BY AUTOMATIC FIRE DETECTORS, AUTOMATIC SPRINKLER SYSTEM WATERFLOW DEVICES, MANUAL FIRE ALARM BOXES AND/OR AUTOMATIC FIRE EXTINGUISHING SYSTEMS. (CFC 907.5)
 - PROVIDE AUDIBLE ALARM NOTIFICATION DEVICES WITH A SOUND PRESSURE LEVEL OF 15 DECIBELS ABOVE THE AVERAGE AMBIENT SOUND LEVEL, OR 5 DECIBELS ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF NOT LESS THAN 60 SECONDS, WHICHEVER IS GREATER, IN EVERY OCCUPABLE SPACE WITHIN THE BUILDING. (CFC 907.5.2.3.1)
 - PROVIDE VISIBLE ALARM NOTIFICATION DEVICES IN PUBLIC USE AREAS AND COMMON USE AREAS INCLUDING BUT NOT LIMITED TO CORRIDORS, LOBBIES, MULTIPURPOSE ROOMS, RESTROOMS AND OCCUPIED ROOMS WHERE AMBIENT NOISE IMPAIRS HEARING OF THE FIRE ALARM. (CFC 907.5.2.3.1)
 - \$200 SERIES KNOX BOX KEY YAUJT IS REQUIRED FOR THE BUILDING TO BE LOCATED BY OXNARD FIRE DEPARTMENT.
 - PROVIDE A 2A-10BC FIRE EXTINGUISHER AT OR NEAR EACH EXIT AND WITHIN 75 FOOT MAXIMUM TRAVEL DISTANCE.
 - PROVIDE AN APPROVED EXTERIOR STROBE FOR BUILDING, VISIBLE FROM THE STREET OR APPROACH ROADWAY.
 - SPRINKLER BACKFLOW DEVICES SHALL BE PAINTED "MACHINE GREEN" AND WHEN A FIRE DEPARTMENT CONNECTION IS ATTACHED IT SHALL BE PAINTED RED.
 - A FIVE-YEAR CERTIFICATION INSPECTION REPORT OF THE FIRE SPRINKLER SYSTEM BY A LICENSED C46 FIRE PROTECTION CONTRACTOR, MUST BE PROVIDED TO THE FIRE DEPARTMENT VIA www.thecomplianceonline.com PRIOR TO FINAL INSPECTION.
 - SPRINKLER PROTECTION IS REQUIRED UNDER EXTERIOR ROOFS, CANOPIES, AND OVERHANGS OVER FOUR-FOOT IN WIDTH. ADDITIONAL SPRINKLER HEADS MAY BE REQUIRED BASED ON FIELD CONDITIONS AS DEEMED NECESSARY BY THE FIRE INSPECTOR.

PROJECT DIRECTORY

OWNER / TENANT:
OXNARD UNION HIGH SCHOOL DISTRICT
304 S. K STREET
OXNARD, CA 93020
PHONE: (805) 834-1461
CONTACT: JEFFREY HEINSTEIN
EMAIL: jeh1@oxnardschools.org

MECHANICAL/PLUMBING/ELECTRICAL ENGINEER:
VECTOR ENGINEERING GROUP, INC.
1102 SADDLEBACK RIDGE ROAD
SANTA CLARITA, CA 91351
PHONE: (818) 584-0057
CONTACT: JO A. RAYNER
EMAIL: jrayner@vectorengineeringgroup.com

STRUCTURAL ENGINEER:
PROGRESSIVE CONSULTANTS, INC.
1426 VENTURA BLVD., SUITE 204
TARZANA, CA 91356
PHONE: (818) 486-2250
CONTACT: LUZ SHEKH
EMAIL: luz@progressiveconsultantsinc.net

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ABBREVIATIONS

∠	And	E	East	Jan.	Janitor	REIN.F.	Reinforced
∠	Angle	EA	Expansion Joint	JT.	Joint	REG.	Required
∠	At	E.J.	Expansion Joint			RESIL.	Resilient
∠	Centerline	EL.	Elevation	KIT.	Kitchen	RM.	Room
∠	Diameter or Round	ELEC.	Electrical	R.O.	Rough Opening	R.V.D.	Readwood
∠	Found or Number	EMER.	Emergency	LAB.	Laboratory	R.N.L.	Rain Water Leader
(E)	Existing	ENCL.	Enclosure	LAV.	Lavatory	S.	South
ACOUS.	Acoustical	E.P.	Electrical Panelboard	LKR.	Locker	S.C.	Solid Core
A.D.	Area Drain	EQU.	Equipment	LT.	Light	S.C.D.	Seat Cover Dispenser
ADJ.	Adjustable	E.Q.P.T.	Equipment			SCHED.	Schedule
AGGR.	Aggregate	E.W.C.	Electric Water Cooler	MAX.	Maximum	S.D.	Soap Dispenser
AL	Aluminum	EXST.	Existing	M.C.	Maximum	SECT.	Section
APPROX.	Approximate	EXPO.	Exposed	MECH.	Mechanical	SH.	Shelf
ARCH.	Architectural	EXP.	Expansion	MEMB.	Membrane	SHR.	Shower
ASB.	Asbestos	EXT.	Exterior	MFR.	Manufacturer	SHT.	Sheet
ASPH.	Asphalt	F.A.	Fire Alarm	MH.	Manhole	SIM.	Similar
		F.B.	Flat Bar	MIN.	Minimum	S.N.D.	Sanitary Napkin Dispenser
BD.	Bituminous	F.D.	Floor Drain	MIR.	Mirror	S.N.R.	Sanitary Napkin Receptacle
BLDG.	Building	F.F.	Fire Extinguisher	MISC.	Miscellaneous	SPEC.	Specification
BLK.	Block	F.F.C.	Fire Extinguisher Cab	M.O.	Minimum	SQ.	Square
BLKG.	Blocking	F.H.C.	Fire Hose Cabinet	MTD.	Mounted	S.S.T.	Stainless Steel
BM.	Beam	FIN.	Finish	MUL.	Mullion	S.S.S.K.	Service Sink
BOT.	Bottom	FL.	Floor	N.	North	STA.	Station
		FLASH.	Flashing	N.I.C.	Not in Contract	STD.	Standard
CAB.	Cabinet	FLUOR.	Fluorescent	NO. or #	Number	STL.	Steel
C.B.	Catch Basin	F.O.C.	Face of Concrete	NOM.	Nominal	STOR.	Storage
CEM.	Cement	F.O.F.	Face of Finish	N.T.S.	Not To Scale	STR.	Structural
CER.	Ceramic	F.O.M.	Face of Million			SUSP.	Suspended
C.I.	Cast Iron	F.P.	Face of Stud	O.A.	Overall	SYS.	Symmetrical
C.G.	Corner Guard	FFRF.	Fireproof	OBSC.	Obscure	TRD.	Tread
CLG.	Ceiling	F.S.	Full Size	O.C.	On Center	T.B.	Towel Bar
CLSG.	Calking	FT.	Foot or Feet	O.D.	Outside Diameter (Dim)	T.C.	Top of Curb
CLD.	Clad	FTG.	Footing	OFF.	Offset	TEL.	Telephone
CLR.	Clear	FURR.	Furring	OPNG.	Opening	TER.	Terrazzo
C.O.	Cased Opening	FUT.	Future	OPP.	Opposite	T. & G.	Tongue and Groove
						THK.	Thick
CONC.	Concrete	GA.	Gauge	PJ.	Panel Joint	T.P.	Top of Pavement
CONN.	Connection	GALV.	Galvanized	PR.CST.	Pre-cast	T.P.D.	Toilet Paper Dispenser
CONSTR.	Construction	G.B.	Grab Bar	PL.	Plate	T.V.	Television
CONT.	Continuous	GL.	Glass	FLAM.	Flame Laminated	TYP.	Typical
CORR.	Corridor	GLD.	Grade	FLYND.	Flywood	T.O.P.	Top of Parapet
CTSK.	Countersunk	GR.	Grade	FR.	Framing	T.O.R.	Top of Roofing Substrate
CNTR.	Counter	GYP.	Gypsum	FR.	Framing		
CTR.	Center	H.B.	Hose Bibb	FR.	Framing	UNF.	Unfinished
		H.C.	Hollow Core	P.T.D/R	Partition Paper Towel	U.O.N.	Unless Otherwise Noted
DBL.	Double	H.D.M.	Hardwood	PTN.	Partition	UR.	Urinal
DEPT.	Department	H.M.	Hardwood	P.T.R.	Partition Paper Towel Receptacle	VERT.	Vertical
D.F.	Drinking Fountain	H.M.	Hardwood			VEST.	Vestibule
DET.	Detail	HORIZ.	Horizontal				
DIA.	Diameter	HR.	Hour				
DM.	Dimension	HGT.	Height				
DISP.	Dispenser	I.D.	Inside Diameter (Dim.)	R.	Riser	K.	Kest
DN.	Down	INSUL.	Insulation	RAID.	Radiant	K.W.	Kitchen
D.O.	Door Opening	INT.	Interior	R.D.	Root Drain	K.C.	Water Closet
DR.	Door	INV.	Inverted	REF.	Reference	KD.	Wood
DWR.	Drawer			REFR.	Refrigerator	KH.	Water Heater
DS.	Drip Sump			ROTR.	Register	KV.O.	Waterproof
D.S.P.	Dry Standpipe					KP.	Waterproof
DNG.	Drawing					MSCT.	Manicote
						HT.	Height

GENERAL NOTES

BASED ON CURRENT CODES, TITLE 24 & 2016 CALIFORNIA BUILDING CODE

- ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OF PLANS FOR BID PURPOSES PRIOR TO ISSUANCE OF THE BUILDING PERMIT. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE PRIOR TO BEGINNING OF CONSTRUCTION.
- THE INTENT OF THESE DRAWINGS & SPECIFICATIONS IS TO INCLUDE ALL LABOR, MATERIALS AND SERVICES NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN PRESCRIBED OR REASONABLY IMPLIED, BUT NOT LIMITED TO THAT EXPLICITLY INDICATED IN THE CONTRACT DOCUMENTS.
- THE ARCHITECT'S APPROVAL OF SUCH SHOP DRAWINGS SHALL NOT RELIEVE THE GENERAL CONTRACTOR OR SUBCONTRACTOR FROM RESPONSIBILITY FOR DEVIATIONS FROM DRAWINGS OR SPECIFICATIONS UNLESS HE HAS (IN WRITING) CALLED THE ARCHITECT'S ATTENTION TO SUCH DEVIATIONS AT THE TIME OF SUBMISSIONS, NOR SHALL IT RELIEVE HIM OF RESPONSIBILITY FOR ERRORS OF ANY SORT IN THE SHOP DRAWINGS.
- A "CERTIFICATE OF COMPLIANCE" SIGNED BY THE OWNER, GENERAL CONTRACTOR, ARCHITECT OR ENGINEER SHALL BE GIVEN TO THE DEPARTMENT STATING THAT THE WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATIONS AFFECTING NON-RESIDENTIAL ENERGY.
- CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
- CONTRACTOR SHALL CHECK AND VERIFY SIZE AND LOCATION OF DUCT OPENINGS AND PLUMBING RUNS WITH MECHANICAL CONTRACTOR BEFORE FRAMING WALLS, FLOORS, ETC.
- CONTRACTOR SHALL PROVIDE AND LOCATE ACCESS PANELS AS REQUIRED AFTER INSTALLATION OF MECHANICAL DUCTS, PLUMBING RUNS WITH MECHANICAL CONTRACTOR BEFORE FRAMING WALLS, FLOOR, ETC.
- DIMENSIONS ON DRAWINGS ARE FROM FACE OF STUDS OR FINISHED FACE OF EXISTING WALLS UNLESS NOTED OTHERWISE.
- PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE WITH THE DEPARTMENT IN COMPLIANCE WITH SECTION 3800 OF THE CALIFORNIA LABOR CODE.
- NO EXPOSED SCREWS OR FASTENERS SHALL BE PERMITTED ON WINDOW WALL SURFACES EXPOSED TO VIEW.
- GLASS DOORS, ADJACENT PANELS, AND ALL GLAZED OPENINGS WITHIN 18 INCHES OF THE ADJACENT FLOOR SHALL BE OF GLASS APPROVED FOR IMPACT HAZARD.
- TITLE 24 - ENERGY COMPLIANCE.
- ENVELOPE COMPLIANCE & STATEMENT OF DESIGN COMPLIANCE.
- THE CALIFORNIA ENERGY CONSERVATION STANDARDS FOR NON-RESIDENTIAL BUILDING SHALL BE REVIEWED AND COMPLIED WITH DURING THE TENANT IMPROVEMENT WORK SCOPE OF THIS PROJECT.
- CERTIFICATE OF COMPLIANCE.
- PRIOR TO THE ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY FOR THIS PROJECT, THE GENERAL CONTRACTOR SHALL SUBMIT A SIGNED "CERTIFICATE TO THE DEPARTMENT OF BUILDING AND SAFETY STATING THAT ALL WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATION AFFECTING NON-RESIDENTIAL ENERGY.
- ALL NOISE BARRIER BATTS (SOUND INSULATION) SHALL BE INCOMBUSTIBLE.
- EXTEND ALL STUDS AND WALL MATERIALS TO CONSTRUCTION ABOVE UNLESS OTHERWISE INDICATED.
- ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- ALL EXITS SHALL HAVE EXIT SIGNS AND ALL BLIND CORRIDOR TURNS SHALL HAVE DIRECTIONAL EXIT SIGNS.
- EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL, WHEN SERVING MORE THAN 50 OCCUPANTS.
- PANIC HARDWARE SHALL BE PROVIDED ON EXIT DOORS SERVING ROOMS, CORRIDORS OR STAIRWAYS HANDLING AN OCCUPANT LOAD OF 50.
- POST ROOM CAPACITY SIGNS AS PROVIDED BY THE FIRE DEPARTMENT (TITLE 19) ON ROOMS OF 50 OR MORE CAPACITY.
- ALL EXIT CORRIDOR WALLS AND CEILINGS SHALL BE ONE HOUR-RATED CONSTRUCTION AS REQUIRED BY UNIFORM BUILDING CODE.
- SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.
- PROVIDE ADDITIONAL FIRE EXTINGUISHERS AS REQUIRED BY FIRE DEPARTMENT FIELD INSPECTOR.
- PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2-A WITHIN 75 FT. TRAVEL DISTANCE TO ALL PORTIONS OF THE BUILDING.
- FIRE DAMPERS OR DOORS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE FIRE-RATED WALLS OR CEILINGS.
- DOORS OPENING INTO REQUIRED ONE HOUR FIRE-RESISTANT CORRIDORS SHALL BE PROTECTED WITH SMOKE OR DRAFT STOP FIRE ASSEMBLY HAVING A 20 MINUTE RATING WITH SELF-CLOSERS.
- ALL FIRE-RATED DRYWALL OR METAL LATH AND PLASTER ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH CALIFORNIA BUILDING CODE.
- FOR PLYWOOD BACKBOARDS REQUIRED IN TELEPHONE AND ELECTRICAL EQUIPMENT ROOMS, SEE ELECTRICAL DRAWINGS.
- EMERGENCY LIGHTING SHALL BE 2 SEPARATE SOURCES OF POWER AND SHALL COMPLY WITH ELECTRICAL CODE. RELOCATE AS REQUIRED. SEE ELECTRICAL ENG. DRAWINGS FOR ADDITIONAL INFORMATION.
- LIGHTED EXIT SIGNS WITH MINIMUM OF 6 INCH HIGH LETTERS SHALL BE POSTED ABOVE EXITS.
- EXIT ILLUMINATION SHALL BE PROVIDED AS REQUIRED BY ELECTRICAL CODE.
- INTERIOR WALL AND CEILINGS SHALL BE INSTALLED IN ACCORDANCE WITH UBC CODE, INCLUDING REQUIREMENTS FOR FLAME SPREAD AND SMOKE DENSITY RATINGS FOR FINISH MATERIALS.
- THE FIRE SPRINKLER SYSTEM DESIGN BY CONTRACTOR.
- EMERGENCY LIGHTING SHALL BE PROVIDED GIVING A VALUE OF THE FOOTCANDLE AT FLOOR LEVEL, (TITLE 19, CHAPTER 35 UBC).

EXISTING BLDG. INFORMATION

ADDRESS: 1800 SOLAR DRIVE
OXNARD, CA 93030

ASSESSORS PARCEL NO.: 213-0-070-045

USE & OCCUPANCY GROUPS: 'B' BUSINESS (OFFICE)
'A-3' ASSEMBLY (CLASSROOM)
'S-1' WAREHOUSE/STORAGE

CONSTRUCTION TYPE: TYPE I-A, FULLY SPRINKLERED

NUMBER OF STORIES: 5-STORY

SEISMIC ZONE: ZONE 4

TOTAL EXISTING BUILDING AREA:
1st FLOOR: 41,760 S.F.
2nd FLOOR: 38,718 S.F.
3rd FLOOR: 39,070 S.F.

ACCESSIBILITY NOTES

BASED ON CURRENT CODES, TITLE 24 & 2016 CALIFORNIA BUILDING CODE

ENTRANCE

36" CLEAR WIDTH REQUIRED FOR ALL OCCUPANCIES AND OCCUPANT LOAD LESS THAN 100.

DOORS 32" MINIMUM CLEAR.

ON APPROACH SIDE - 60" CLEAR LEVEL AREA WHEN DOOR SWINGS OUT.

48" AREA WHEN DOOR SWINGS IN.

ENTRANCES

ALL PRIMARY ENTRANCES TO BUILDINGS SHALL BE MADE TO THE PHYSICALLY HANDICAPPED. ALL BUILDING ENTRANCES ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN WITH ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED. TO BE VISIBLE TO PERSONS ALONG APPROACHING ACCESSIBLE PATHS, ALTERNATE IDENTIFICATION MEANS SHALL BE APPROVED BY THE ARCHITECT AND GOVERNING AUTHORITIES.

HAND ACTIVATED DOOR OPENING HARDWARE TO BE MOUNTED BETWEEN 34" TO 44" ABOVE THE FLOOR AND SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE.

MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND 3 POUNDS FOR INTERIOR DOORS.

THE BOTTOM 10" OF ALL DOORS (EXCEPT SLIDING AND AUTOMATIC) SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.

ALL DOORWAYS SHALL HAVE A MINIMUM 32" CLEAR OPENING WHEN THE DOOR POSITION IS AT 90° TO THE CLOSED POSITION.

ONE DOOR OF A PAIR OF DOORS SHALL MEET THE MINIMUM WIDTH REQUIREMENTS.

MAXIMUM HEIGHT OF THRESHOLD TO BE 1/2". MAXIMUM VERTICAL CHANGE AT EDGE IS 1/4" WITH A MAXIMUM BEVEL OF 2:1.

GRATING AT WALKS SHALL HAVE 1/2" MAXIMUM OPENING IN THE DIRECTION OF TRAVEL.

PROVIDE A 5'X5' MINIMUM LANDING ON THE WALK SIDE OF DOORS THAT SWING TOWARD THE WALK.

WALKS SHALL EXTEND 24" TO THE SIDE OF STRIKE EDGE OF DOOR THAT SWING TOWARD THE WALK.

FLOORING

THE SURFACES OF FLOORS SHALL BE SLIP RESISTANT. WHEN TESTED IN ACCORDANCE WITH ASTM G1028A TEST PROCEDURE FOR COEFFICIENT OF FRICTION TILE MUST ACHIEVE A WET AND DRY VALUE OF NOT LESS THAN 0.60. PRIOR TO THE INSTALLATION OF THE FLOOR COVERING, A WRITTEN STATEMENT FROM THE FLOORING MANUFACTURER MUST BE SUBMITTED TO THE DEPARTMENT OF BUILDING & SAFETY STATING THAT THE PRODUCT TO BE INSTALLED MEETS CURRENT INDUSTRY STANDARDS FOR SLIP RESISTANCE.

REACH RANGES

SHALL COMPLY TO CBC 11B-308

PROJECT INFORMATION

PROJECT DESCRIPTION:

PROPOSED 38,000 S.F. 1ST FLOOR AND 37,000 S.F. 2ND FLOOR TENANT IMPROVEMENT ALTERATIONS OF AN EXISTING 5-STORY SPRINKLERED OFFICE BUILDING.

THE SCOPE OF WORK WILL CONSIST OF: DEMOLITION OF EXISTING INTERIOR PARTITIONS, DOORS, MILLWORK, BASED FLOOR SYSTEM, SUSPENDED CEILING AND FLOOR FINISHES, CONSTRUCTION OF NEW INTERIOR PARTITION WALLS & DOORS, NEW SUSPENDED ACQUISITIONAL CEILING GRID SYSTEM, NEW MILLWORK, NEW POWER/DATA AND TITLE-24 COMPLIANT LIGHTING.

NEW DUCT DISTRIBUTION WILL BE PROVIDED FROM EXISTING MECHANICAL UNITS.

PROPOSED PLUMBING WORK FOR NEW EXPANSION AND EMPLOYEE RESTROOMS AND BREAKROOMS.

PROPOSED MINOR EXTERIOR WORK INCLUDES CONCRETE WALKWAY AT NEW BUILDING ENTRIES AND NEW STOREFRONT ENTRY AND EXIT DOORS.

SCOPE OF WORK AREA BREAKDOWN:

FIRST FLOOR GROSS:	41,760 S.F.
THIRD FLOOR NET:	40,981 S.F.
SECOND FLOOR GROSS:	38,718 S.F.
SECOND FLOOR NET:	37,094 S.F.

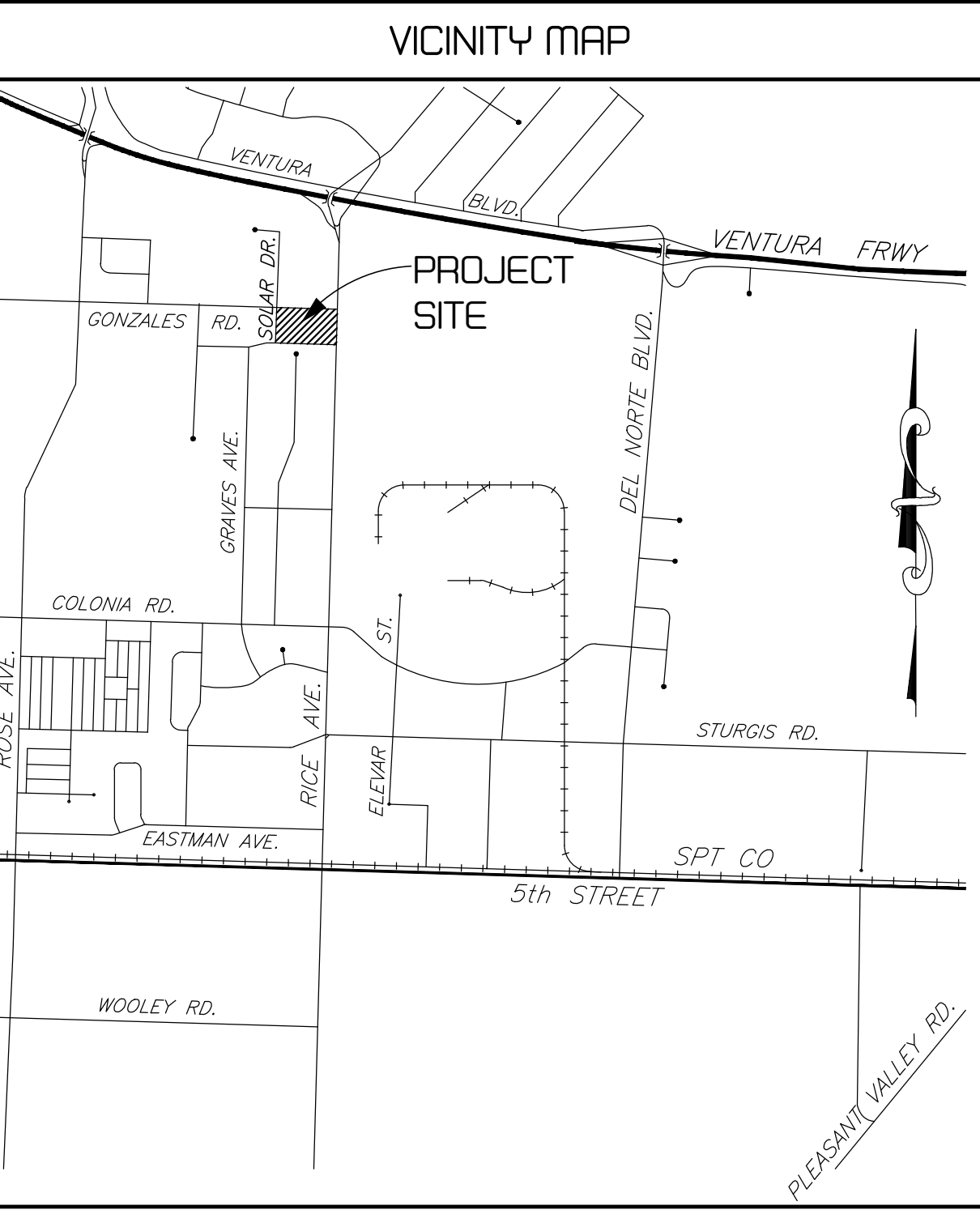
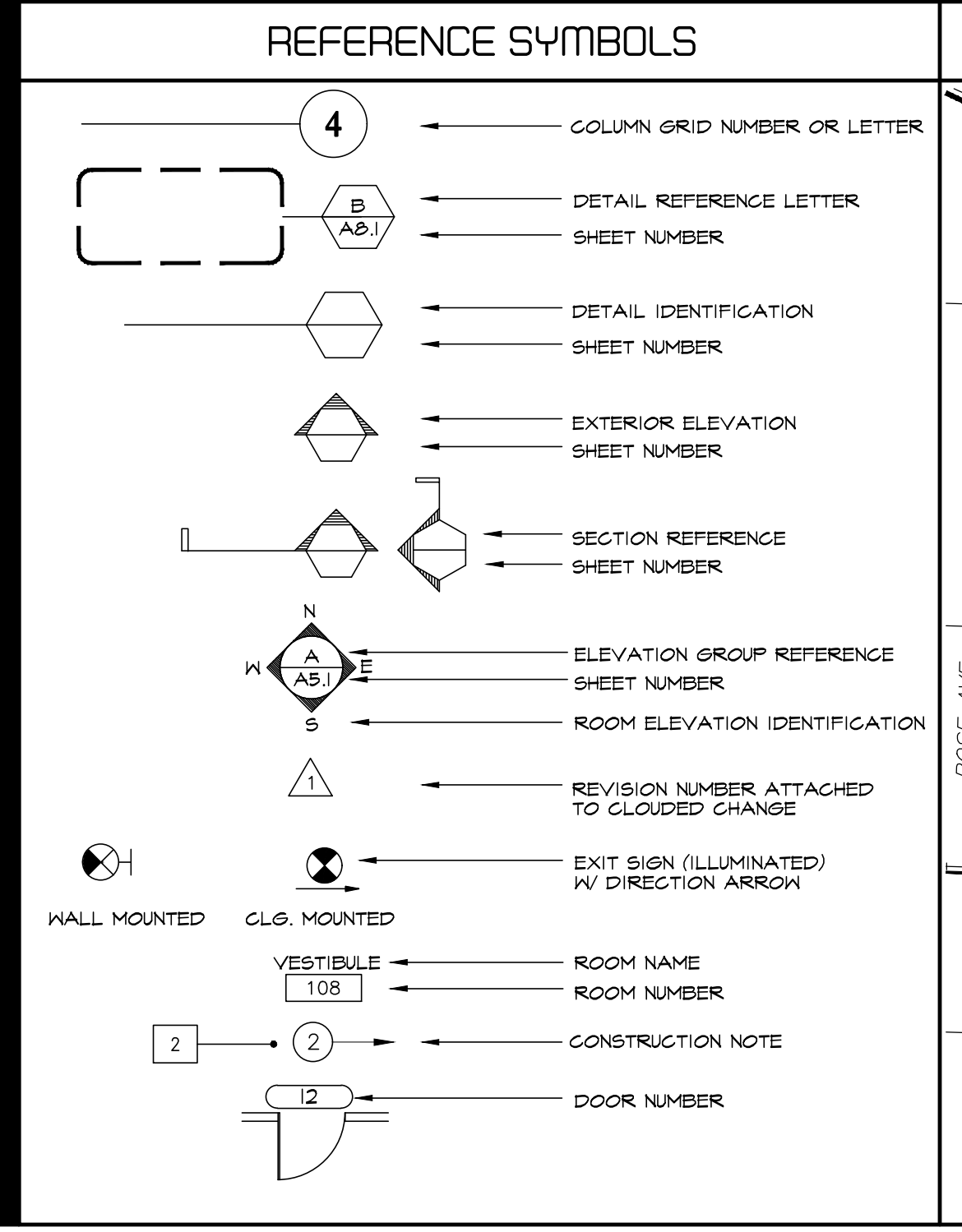
TOTAL 1ST FLOOR AREA OF TENANT IMPROVEMENT ALTERATION: 35,862 S.F.
TOTAL 2ND FLOOR AREA OF TENANT IMPROVEMENT ALTERATION: 35,515 S.F.
TOTAL AREA OF TENANT IMPROVEMENT ALTERATION: 71,377 S.F.

DEFERRED SUBMITTALS

Approval of certain aspects of the construction may be deferred until the construction contract has been awarded. The awarded contractor will be responsible for all engineering fees, obtaining reviews and approval and permitting fees. The submission of the plans and calculations to the Architect, City of Oxnard, and applicable local agencies shall be the sole responsibility of the contractor. Any delays incurred due to untimely submission, will be considered as an Inexcusable Delay as set forth in Article 7.4.3 of General Conditions - Section 00700.

Some of the deferred submittals are (but not limited to):

- Fire Sprinkler (Suppression) System (Alteration to the existing fire sprinkler system require a separate submittal and permit.)
- Fire Alarm (Alteration to the fire alarm system is required, under separate submittal and permit.)
- Signs



TENANT APPROVAL

THIS PROJECT SHALL COMPLY WITH THE 2016 EDITIONS OF THE CALIFORNIA BUILDING/PLUMBING/MECHANICAL CODES AND THE 2016 EDITION OF THE CALIFORNIA ELECTRICAL CODE, AND 2016 CALIFORNIA ENERGY CODE.

THESE DOCUMENTS HAVE BEEN RECEIVED AND CHECKED FOR ACCURACY INCLUDING: DIMENSIONS & CABINETRY MILLWORK; & DETAILS LOCATIONS OF PARTITIONS, TELEPHONE & ELECTRICAL OUTLET LOCATIONS, SPECIAL ELECTRICAL & LIGHTING REQUIREMENTS, AND WALL & FLOOR FINISH LOCATIONS & SPECIFICATIONS. ANY CHANGES WILL BE AT ADDITIONAL EXPENSE TO THE OWNER ONCE THE DRAWINGS ARE APPROVED AND RELEASED FOR CONSTRUCTION. ALL REVISIONS SHALL BE APPROVED IN WRITING BY THE OWNER. EXPENSE OF ADDITIONAL OR REVISED CONSTRUCTION DOCUMENTS SHALL BE BORNE BY THE OWNER.

APPROVED FOR CONSTRUCTION

APPROVED AS NOTED, RELEASED FOR CONSTRUCTION

TENANT _____ DATE _____

TENANT APPROVAL

THIS PROJECT SHALL COMPLY WITH THE 2016 EDITIONS OF THE CALIFORNIA BUILDING/PLUMBING/MECHANICAL CODES AND THE 2016 EDITION OF THE CALIFORNIA ELECTRICAL CODE, AND 2016 CALIFORNIA ENERGY CODE.

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APPROVED FOR CONSTRUCTION

APPROVED AS NOTED, RELEASED FOR CONSTRUCTION

TENANT _____ DATE _____

PLAN CHECK / PERMIT NUMBER

APPLICATION / PERMIT #: 19-06220

CODES

2016 CALIFORNIA MUNICIPAL CODE (LOCAL AMENDMENTS)
CBC - 2016 CALIFORNIA BUILDING CODE
CEC - 2016 CALIFORNIA ELECTRICAL CODE, NFPA 70 & 2016 NEC
CMC - 2016 CALIFORNIA MECHANICAL CODE
CFC - 2016 CALIFORNIA PLUMBING CODE
2016 CALIFORNIA ENERGY CODE (TITLE 24)
CFC - 2016 CALIFORNIA FIRE CODE
CALGREEN - 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE
NFPA 13 SPRINKLER SYSTEMS - 2016 EDITION
NFPA 72 FIRE ALARM CODE - 2016 EDITION

SPECIAL INSPECTIONS

- Sprayed-on Fireproofing Repairs
- Field Welding

MECHANICAL

M-124A MECHANICAL TITLE 24 FORMS
M-124B MECHANICAL TITLE 24 FORMS
M-124C MECHANICAL TITLE 24 FORMS
MECHANICAL LEGENDS, SCHEDULES AND NOTES
M21 MECHANICAL ZONING PLAN-FIRST FLOOR
M22 MECHANICAL ZONING PLAN-SECOND FLOOR
M1.0 MECHANICAL FIRST FLOOR DEMOLITION PLAN - NORTH WING
M1.1 MECHANICAL FIRST FLOOR DEMOLITION PLAN - SOUTH WING
M1.2 MECHANICAL SECOND FLOOR DEMOLITION PLAN - NORTH WING
M1.3 MECHANICAL SECOND FLOOR DEMOLITION PLAN - SOUTH WING
M2.0 MECHANICAL FIRST FLOOR PLAN - NORTH WING
M2.1 MECHANICAL FIRST FLOOR PLAN - SOUTH WING
M2.2 MECHANICAL SECOND FLOOR PLAN - NORTH WING
M2.3 MECHANICAL SECOND FLOOR PLAN - SOUTH WING
M3.0 MECHANICAL DETAILS
M3.1 MECHANICAL DETAILS

PLUMBING

P0.1 PLUMBING LEGENDS, SCHEDULES AND NOTES
P1.0 PLUMBING OVERALL FLOOR PLANS
P2.0 PLUMBING ENLARGED PLANS
P2.1 PLUMBING ENLARGED PLANS
P3.0 PLUMBING DETAILS

ELECTRICAL

E-0.01 ELECTRICAL TITLE SHEET
E-0.02 LIGHTING FIXTURE SCHEDULE
E-1.1 FIRST FLOOR LIGHTING PLAN (NORTH)
E-1.2 FIRST FLOOR LIGHTING PLAN (SOUTH)
E-2.1 SECOND FLOOR LIGHTING PLAN (NORTH)
E-2.2 SECOND FLOOR LIGHTING PLAN (SOUTH)
E-2.11 FIRST FLOOR LIGHTING CONTROLS PLAN
E-2.12 SECOND FLOOR LIGHTING CONTROLS PLAN
E-2.13 LIGHTING CONTROL DETAILS
E-3.11 FIRST FLOOR EMERGENCY PHOTOMETRICS
E-3.21 SECOND FLOOR EMERGENCY PHOTOMETRICS
E-4.11 FIRST FLOOR POWER PLAN (NORTH)
E-4.12 FIRST FLOOR POWER PLAN (SOUTH)
E-4.21 SECOND FLOOR POWER PLAN (NORTH)
E-4.22 SECOND FLOOR POWER PLAN (SOUTH)
E-5.01 DEMOLITION ONE-LINE DIAGRAM
E-5.02 NEW CONSTRUCTION ONE-LINE DIAGRAM
E-5.03 PANEL SCHEDULES
E-5.04 PANEL SCHEDULES
E-5.05 PANEL SCHEDULES
E-6.01 TITLE 24 INDOOR LIGHTING COMPLIANCE CERTIFICATES

pk:a architecture

5166 Lincoln Drive, Suite 110
Escondido, California 95626
V: 858-99-0057 F: 858-99-0019
www.pkarchitecture.net

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

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PROGRESS SET	10/19/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title

COVER SHEET

drawn by _____

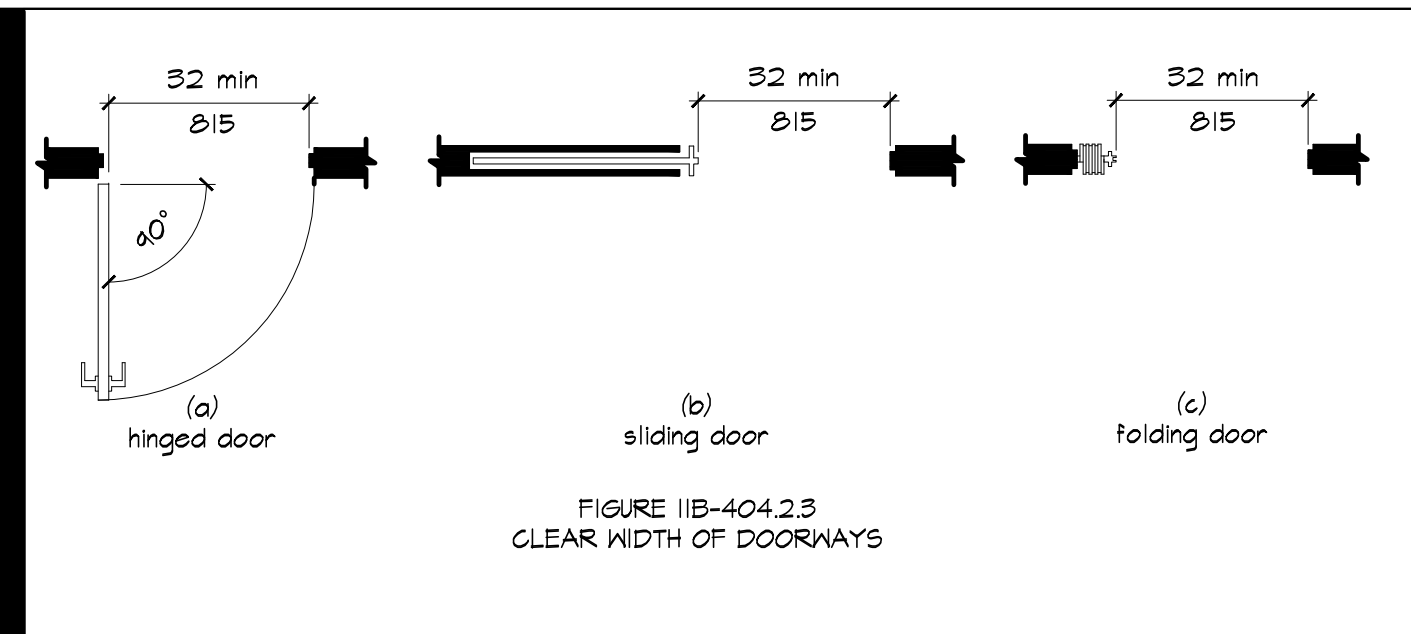
project no 18-6660

date _____

scale _____

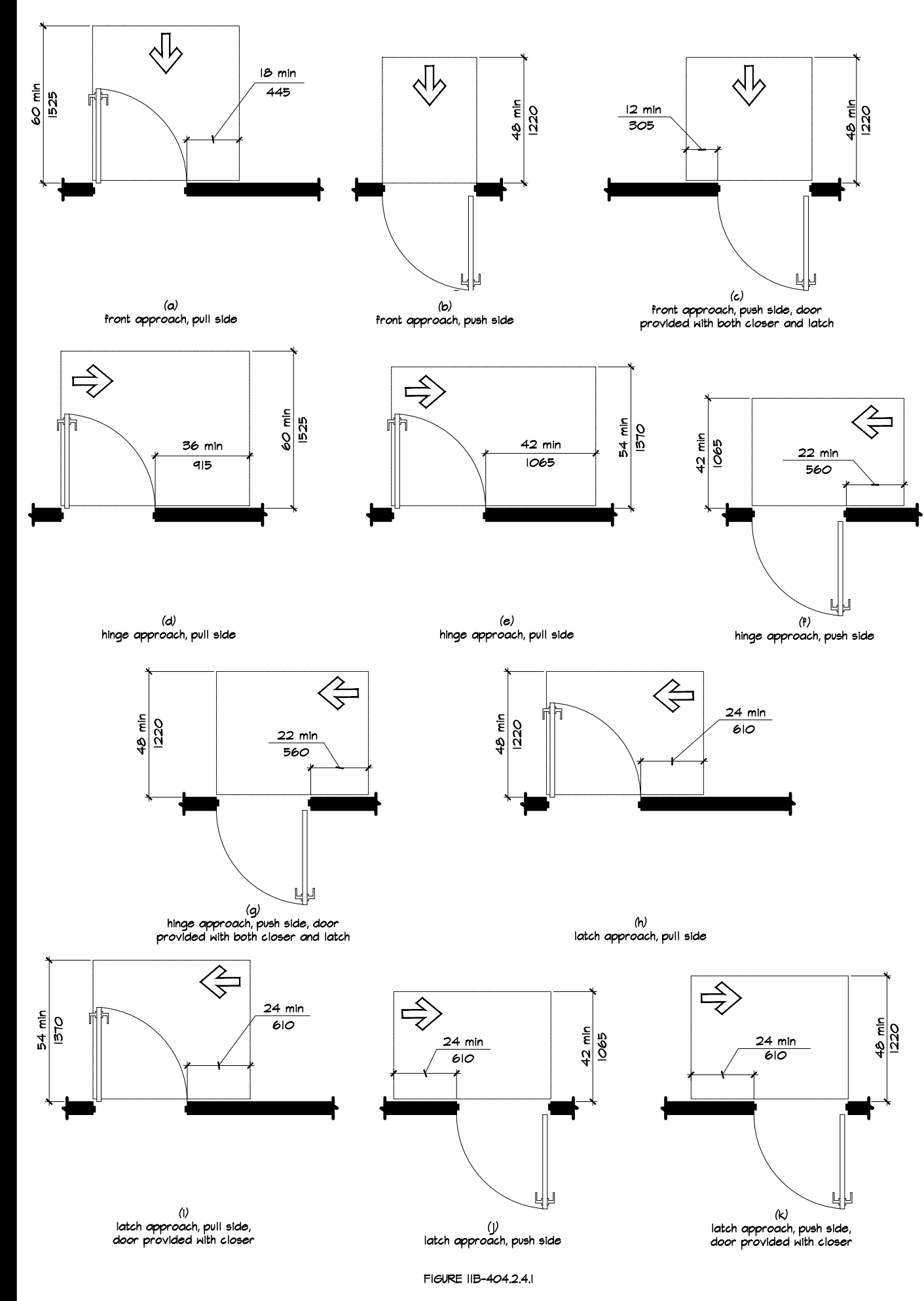
TAO.1

- BID SET -
April 5, 2020



IIB-404.2.3 CLEAR WIDTH OF DOORWAYS SHALL PROVIDE A CLEAR WIDTH OF 32 INCHES (813 MM) MINIMUM. CLEAR OPENINGS OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE FACE OF THE DOOR AND THE STOP, WITH THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES (610 MM) DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES (914 MM) MINIMUM. THERE SHALL BE NO PROJECTIONS INTO THE REQUIRED CLEAR OPENING WIDTH LOWER THAN 34 INCHES (864 MM) ABOVE THE FINISH FLOOR OR GROUND. PROJECTIONS INTO THE CLEAR OPENING WIDTH BETWEEN 34 INCHES (864 MM) AND 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL NOT EXCEED 4 INCHES (102 MM). EXCEPTIONS: 1. IN ALTERATIONS, A PROJECTION OF 3/8 INCH (9.5 MM) MAXIMUM INTO THE REQUIRED CLEAR WIDTH SHALL BE PERMITTED FOR THE LATCH SIDE STOP. DOOR CLOSERS AND DOOR STOPS SHALL BE PERMITTED TO BE 78 INCHES (1981 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

CLEAR WIDTH OF DOORWAYS
SCALE: 3/8"=1'-0"



TYPE OF USE MINIMUM		MINIMUM MANEUVERING CLEARANCE	
APPROACH DIRECTION	DOOR OR GATE SIDE	PERPENDICULAR TO DOOR	PARALLEL TO DOORWAY (BEYOND LATCH SIDE UNLESS NOTED)
FROM FRONT	PULL	60 INCHES (1524 MM)	18 INCHES (457 MM) *5
FROM FRONT	PUSH	48 INCHES (1219 MM)	0 INCHES (0 MM) *1
FROM HINGE SIDE	PULL	60 INCHES (1524 MM)	36 INCHES (914 MM)
FROM HINGE SIDE	PUSH	60 INCHES (1524 MM)	44 INCHES (1118 MM)
FROM HINGE SIDE	PUSH	44 INCHES (1118 MM) *2	22 INCHES (558 MM) *3
FROM LATCH SIDE	PULL	60 INCHES (1524 MM) *4	24 INCHES (610 MM)
FROM LATCH SIDE	PUSH	44 INCHES (1118 MM) *4	24 INCHES (610 MM)

1. ADD 12 INCHES (305 MM) IF CLOSER AND LATCH ARE PROVIDED.
2. ADD 4 INCHES (102 MM) IF CLOSER AND LATCH ARE PROVIDED, BEYOND HINGE SIDE.
3. ADD 6 INCHES (152 MM) IF CLOSER IS PROVIDED.
4. ADD 6 INCHES (152 MM) AT EXTERIOR CONDITIONS.
5. ADD 6 INCHES (152 MM) AT EXTERIOR CONDITIONS.

TABLE IIB-404.2.4 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

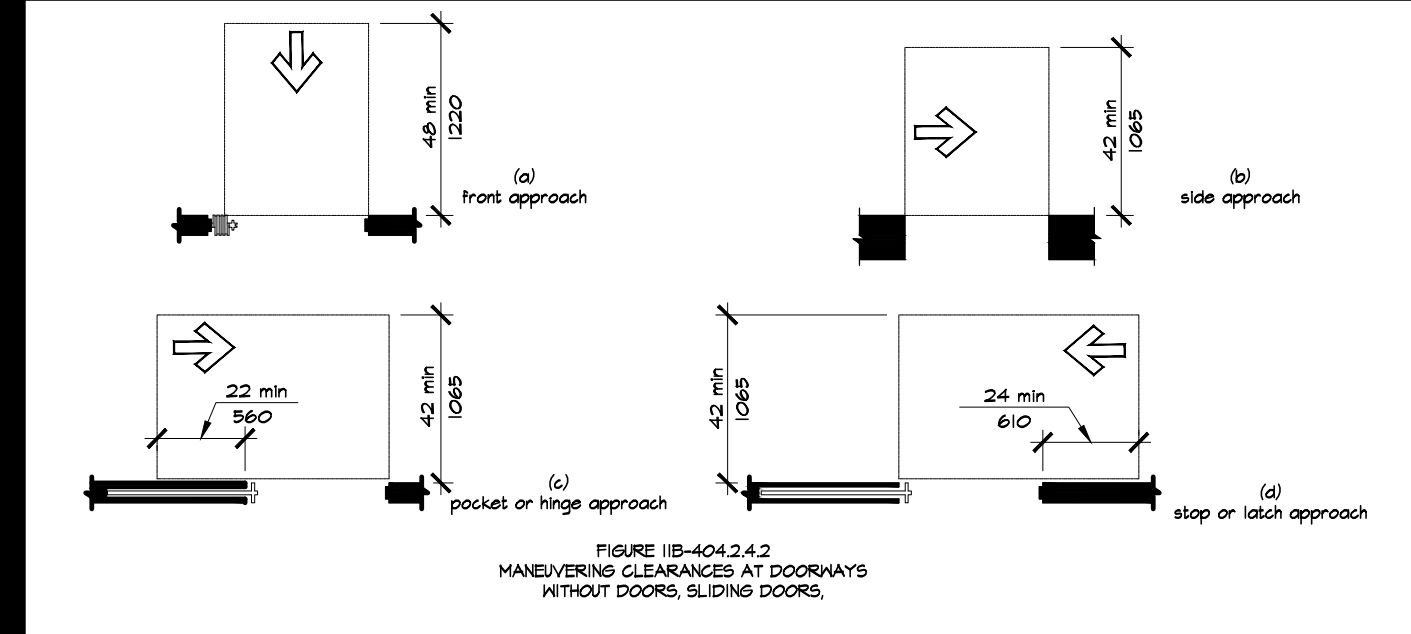
IIB-404.2.4 MANEUVERING CLEARANCES. MINIMUM MANEUVERING CLEARANCES AT DOORS AND GATES SHALL COMPLY WITH IIB-404.2.4. MANEUVERING CLEARANCES SHALL EXTEND THE FULL WIDTH OF THE DOORWAY AND THE REQUIRED LATCH SIDE OR HINGE SIDE CLEARANCE.

EXCEPTION: ENTRY DOORS TO HOSPITAL PATIENT ROOMS SHALL NOT BE REQUIRED TO PROVIDE THE CLEARANCE BEYOND THE LATCH SIDE OF THE DOOR.

IIB-404.2.4.1 SWINGING DOORS AND GATES. SWINGING DOORS AND GATES SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE IIB-404.2.4.

TABLE IIB-404.2.4.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

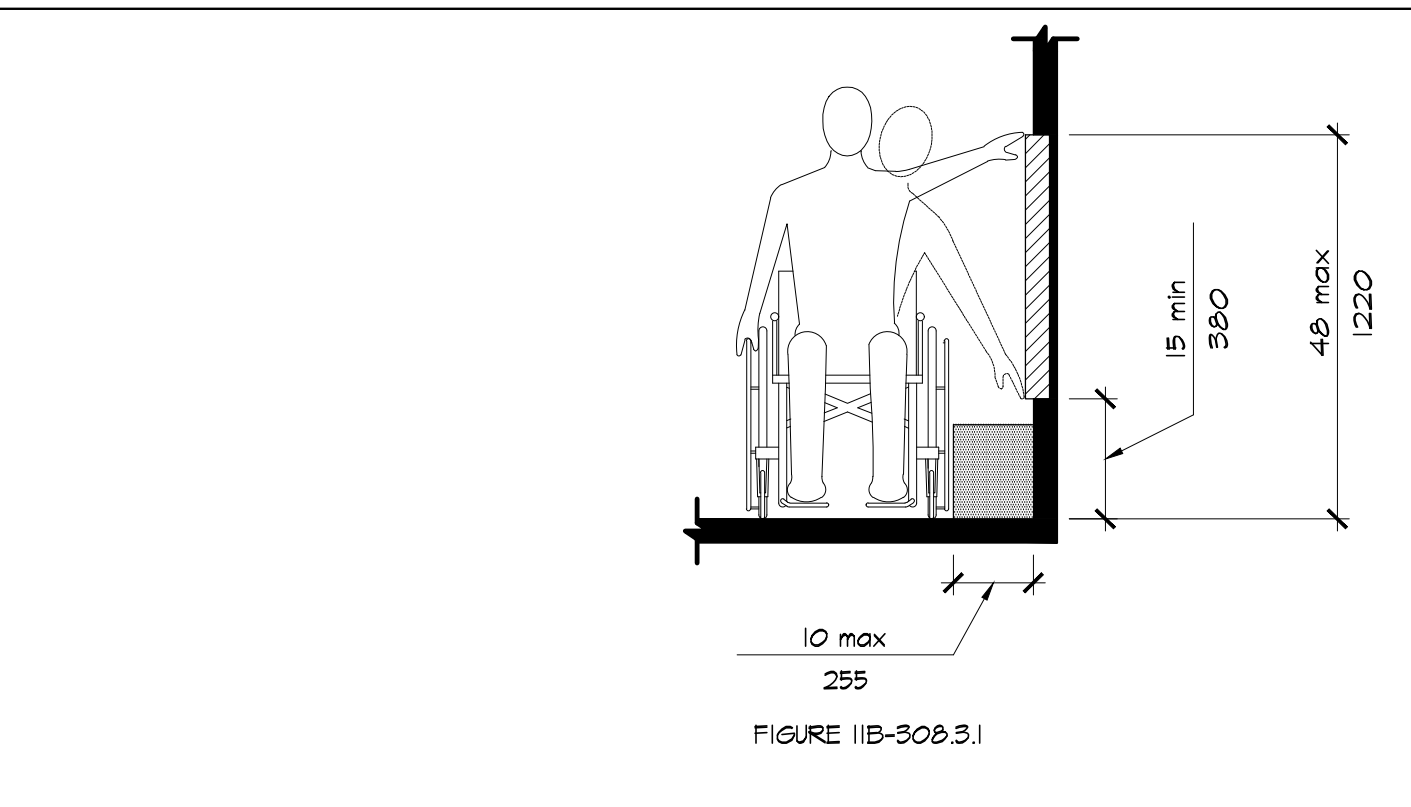
CLEARANCES @ SWINGING DOORS & GATES
SCALE: 1/4"=1'-0"



IIB-404.2.4.2 DOORWAYS WITHOUT DOORS OR GATES, SLIDING DOORS, AND FOLDING DOORS. DOORWAYS LESS THAN 36 INCHES (914 MM) WIDE WITHOUT DOORS OR GATES, SLIDING DOORS, OR FOLDING DOORS SHALL HAVE MANEUVERING CLEARANCES COMPLYING WITH TABLE IIB-404.2.4.2.

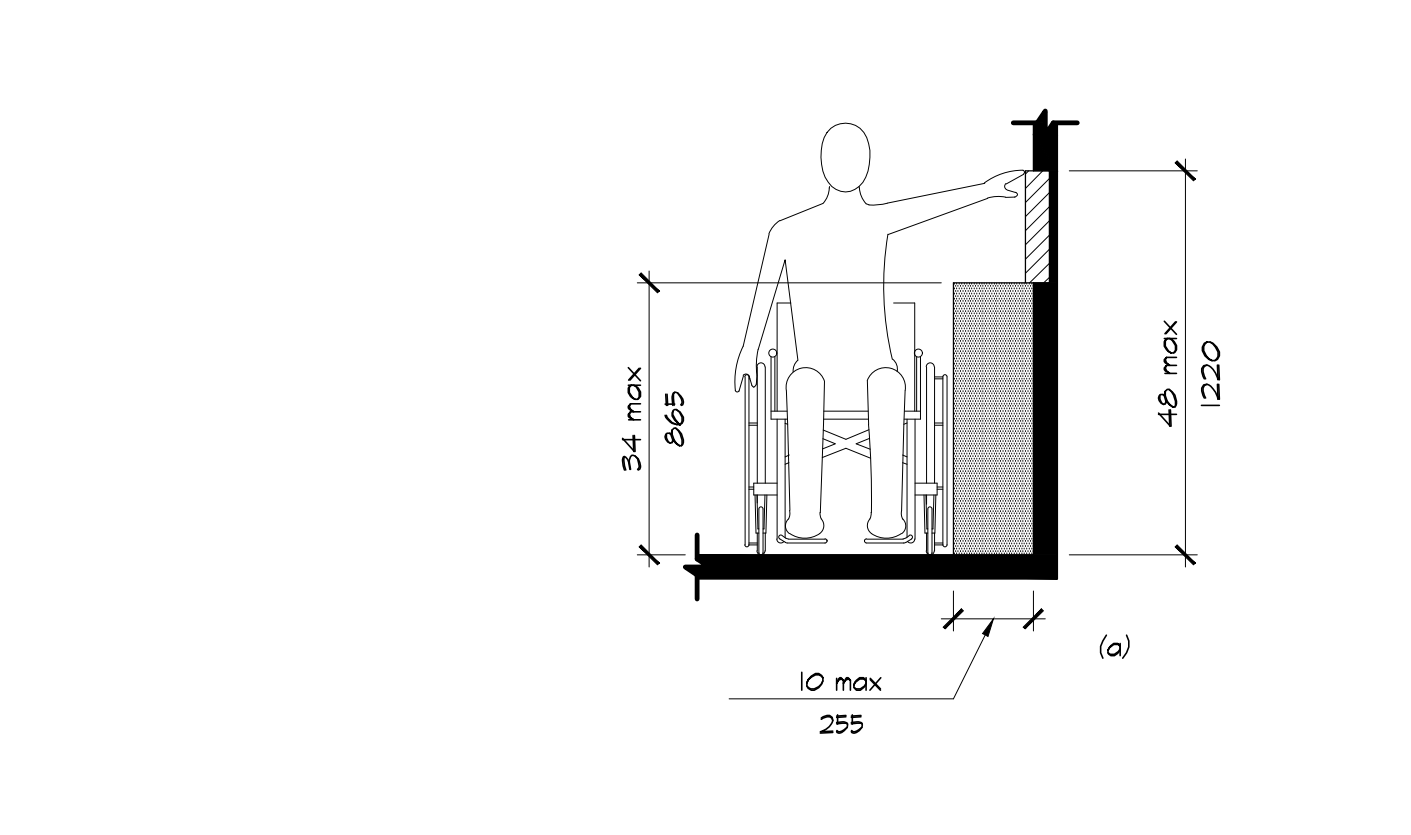
NOTE: REFER TO TABLE IIB-404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS OR GATES, MANUAL SLIDING DOORS, AND MANUAL FOLDING DOORS

CLEARANCES @ DOORWAYS W/O DOORS
SCALE: 1/4"=1'-0"



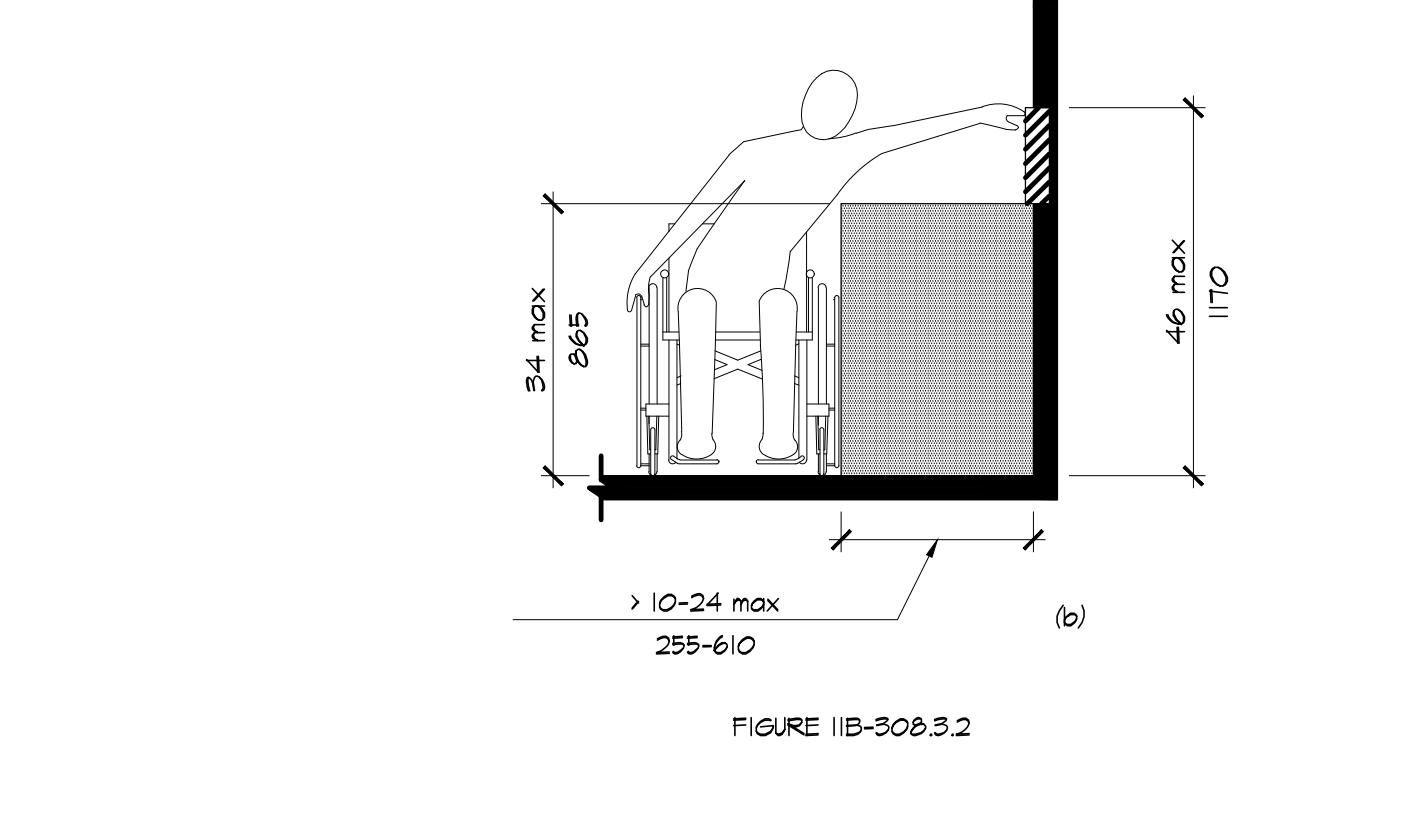
IIB-308.2.1 UNOBSTRUCTED, WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1219 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (381 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

UNOBSTRUCTED SIDE REACH
SCALE: 1/2"=1'-0"

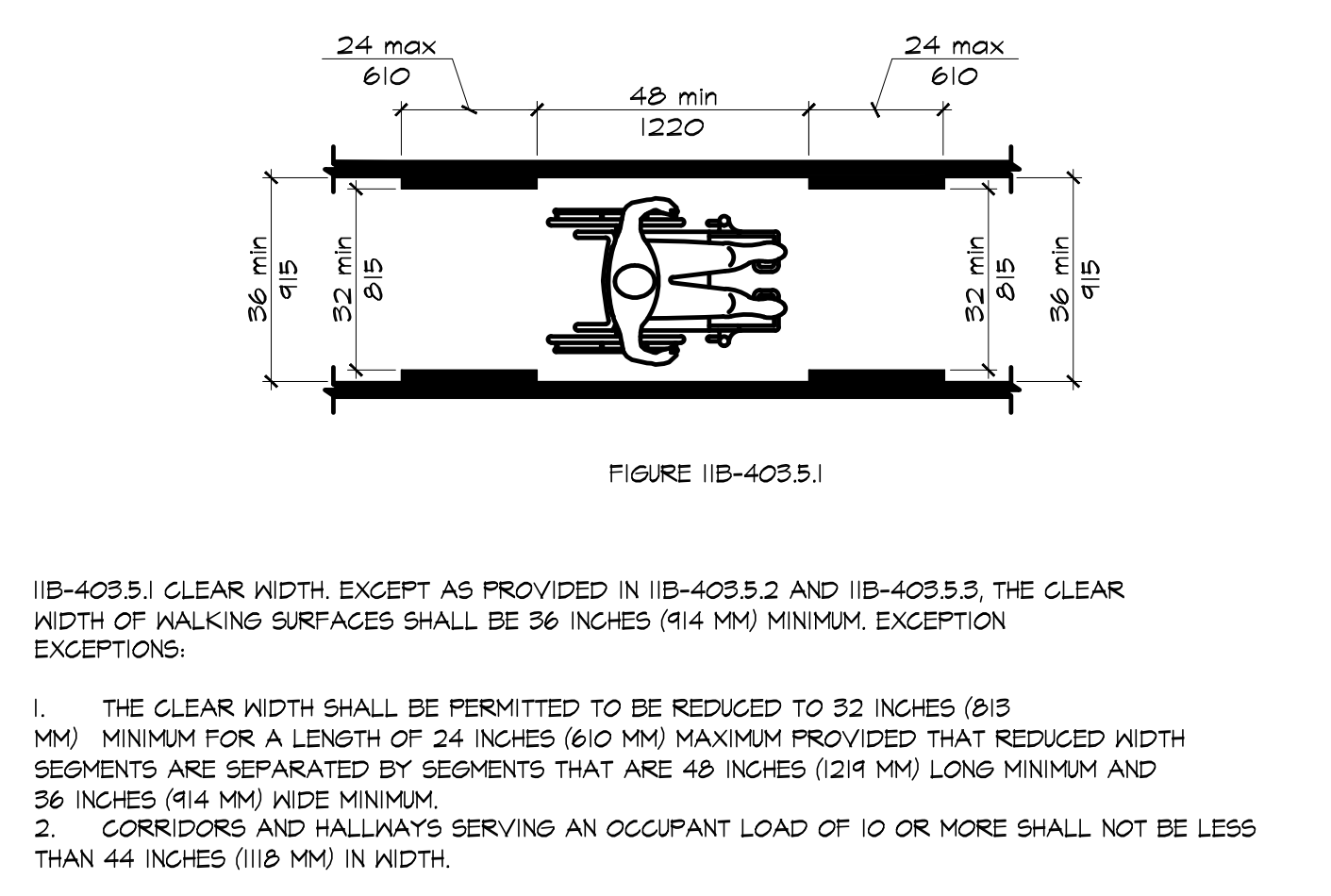


OBSTRUCTED HIGH REACH. WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES (864 MM) MAXIMUM AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES (610 MM) MAXIMUM. THE HIGH SIDE REACH SHALL BE 48 INCHES (1219 MM) MAXIMUM FOR A REACH DEPTH OF 10 INCHES (254 MM) MAXIMUM. WHERE THE REACH DEPTH EXCEEDS 10 INCHES (254 MM), THE HIGH SIDE REACH SHALL BE 46 INCHES (1168 MM) MAXIMUM FOR A REACH DEPTH OF 24 INCHES (610 MM) MAXIMUM.

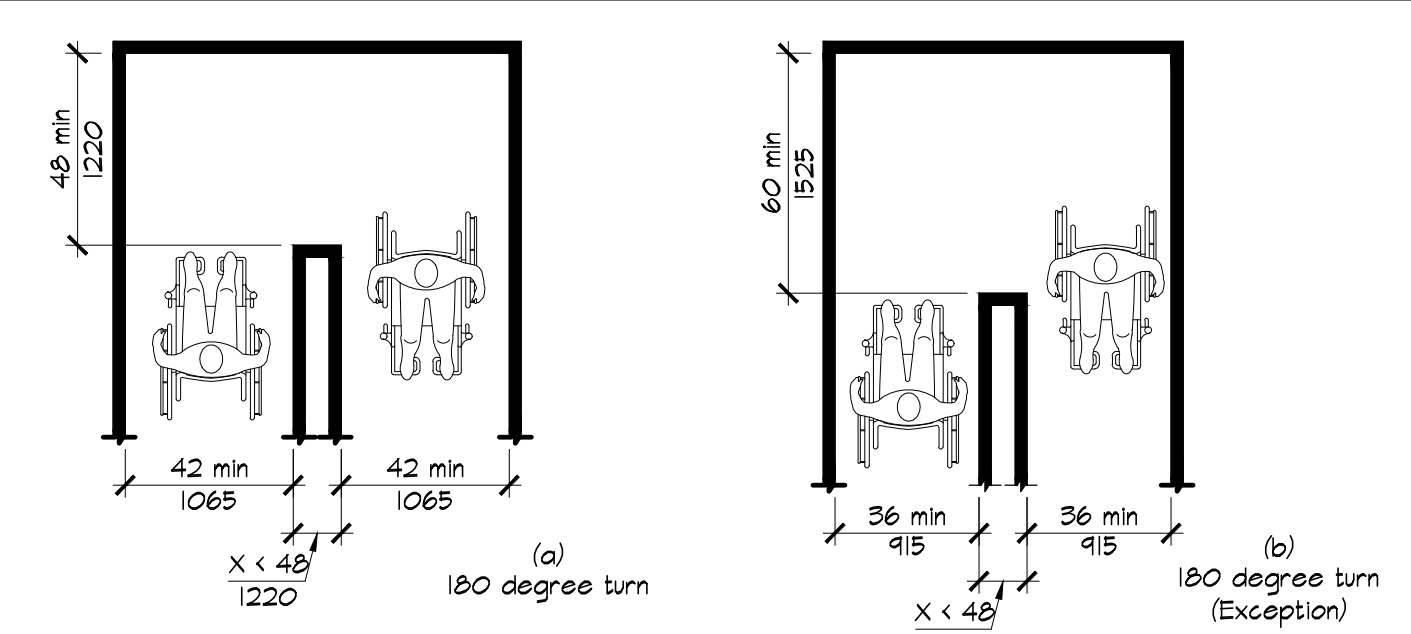
EXCEPTIONS: 1. THE TOP OF WASHING MACHINES AND CLOTHES DRYERS SHALL BE PERMITTED TO BE 36 INCHES (914 MM) MAXIMUM ABOVE THE FINISH FLOOR.
2. OPERABLE PARTS OF FUEL DISPENSERS SHALL BE PERMITTED TO BE 54 INCHES (1372 MM) MAXIMUM MEASURED FROM THE SURFACE OF THE VEHICULAR WAY WHERE FUEL DISPENSERS ARE INSTALLED ON EXISTING CURBS.



UNOBSTRUCTED FORWARD REACH
SCALE: 3/4"=1'-0"



OBSTRUCTED HIGH SIDE REACH
SCALE: 1/2"=1'-0"

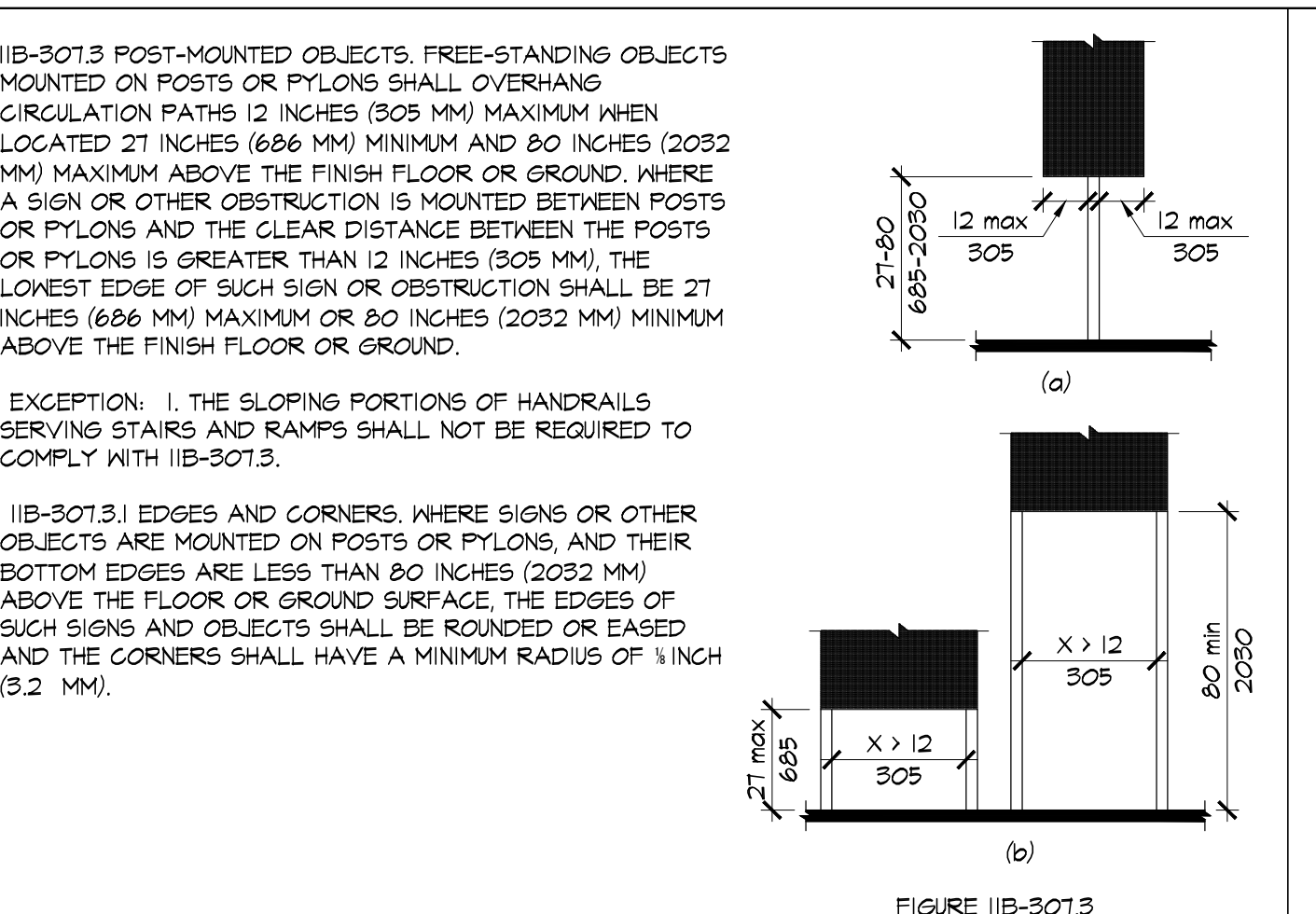


IIB-403.5.1 CLEAR WIDTH, EXCEPT AS PROVIDED IN IIB-403.5.2 AND IIB-403.5.3, THE CLEAR WIDTH OF WALKING SURFACES SHALL BE 36 INCHES (914 MM) MINIMUM. EXCEPTION: EXCEPTS:

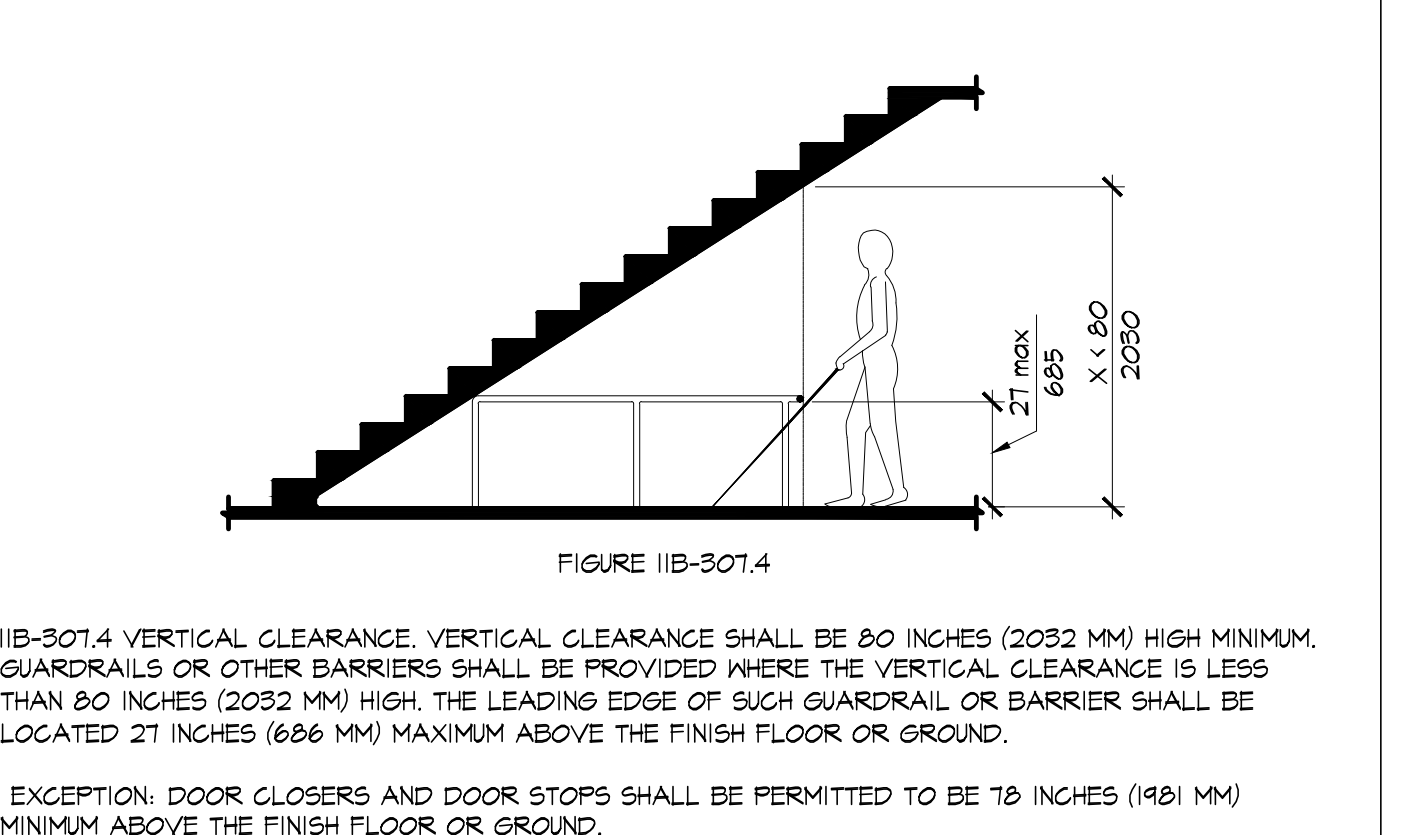
1. THE CLEAR WIDTH SHALL BE PERMITTED TO BE REDUCED TO 32 INCHES (813 MM) MINIMUM FOR A LENGTH OF 24 INCHES (610 MM) MAXIMUM PROVIDED THAT REDUCED WIDTH SEGMENTS ARE SEPARATED BY SEGMENTS THAT ARE 48 INCHES (1219 MM) LONG MINIMUM AND 36 INCHES (914 MM) WIDE MINIMUM.
2. CORRIDORS AND HALLWAYS SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL NOT BE LESS THAN 44 INCHES (1118 MM) IN WIDTH.

IIB-403.5.2 CLEAR WIDTH AT TURN, WHERE THE ACCESSIBLE ROUTE MAKES A 180 DEGREE TURN AROUND AN ELEMENT WHICH IS LESS THAN 48 INCHES (1219 MM) WIDE, CLEAR WIDTH SHALL BE 42 INCHES (1067 MM) MINIMUM APPROACHING THE TURN, 48 INCHES (1219 MM) MINIMUM AT THE TURN AND 42 INCHES (1067 MM) MINIMUM LEAVING THE TURN. EXCEPTION: WHERE THE CLEAR WIDTH AT THE TURN IS 60 INCHES (1524 MM) MINIMUM COMPLIANCE WITH IIB-403.5.2 SHALL NOT BE REQUIRED.

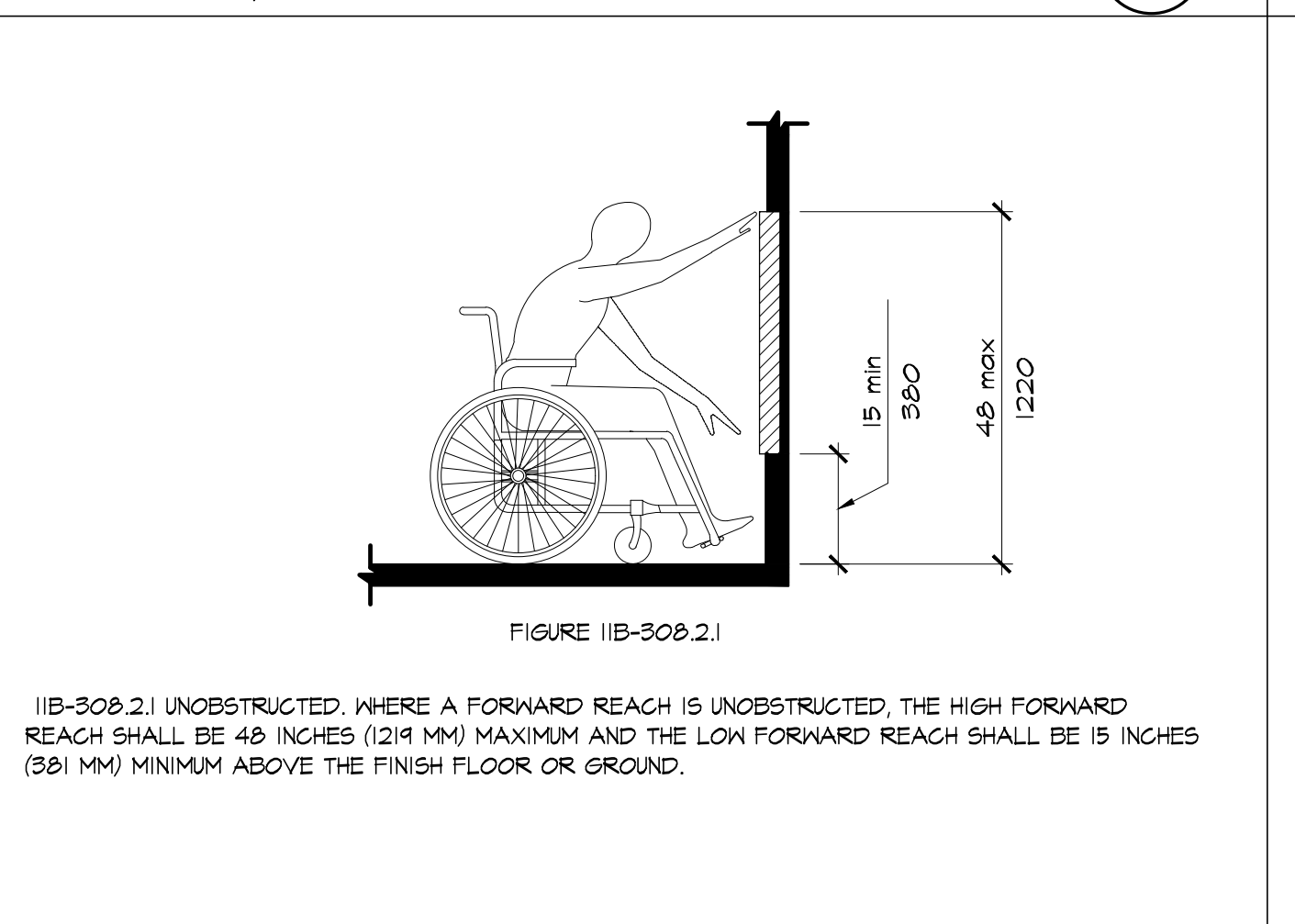
CLEAR WIDTH AT TURN
SCALE: 1/2"=1'-0"



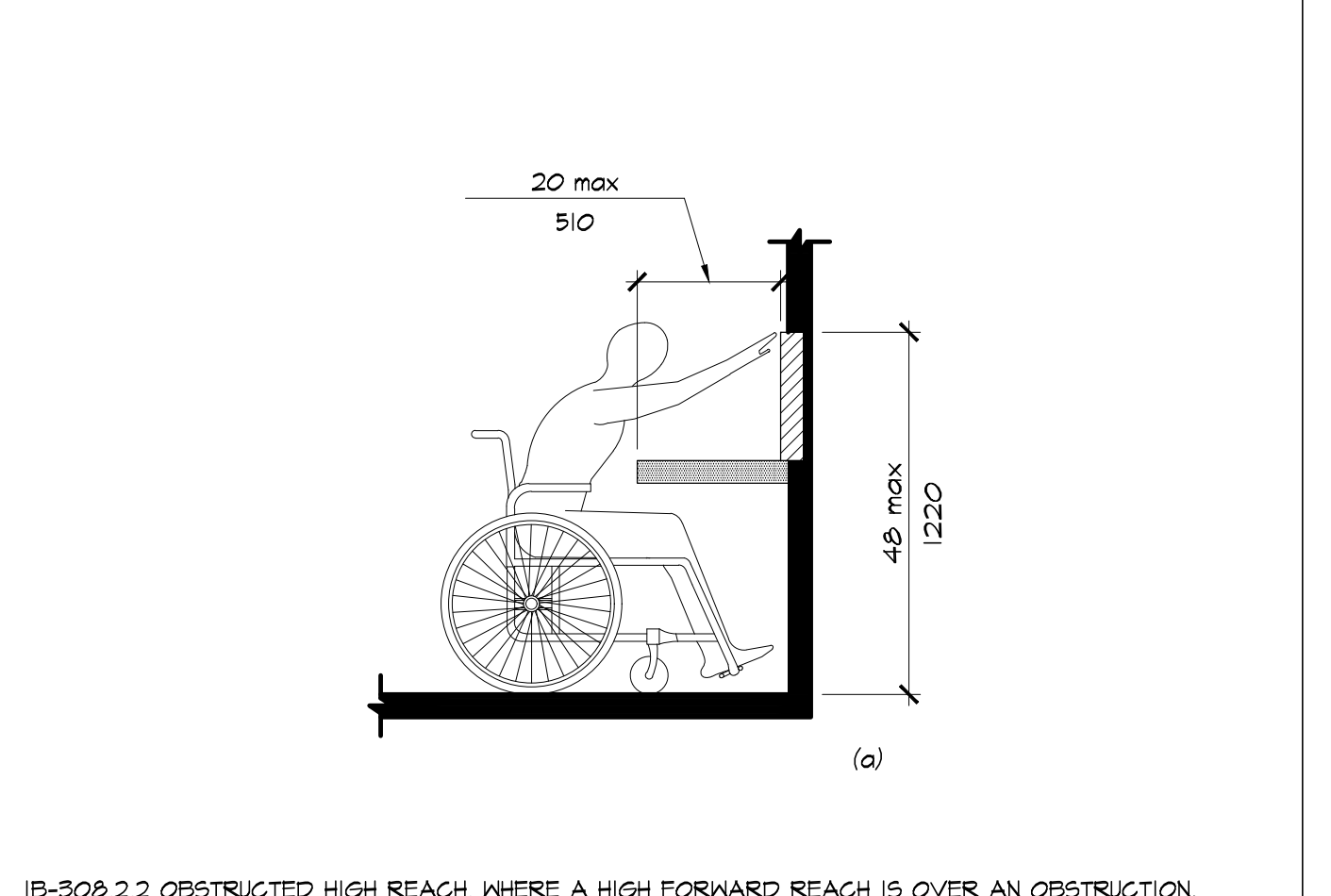
POST-MOUNTED PROTRUDING OBJECTS
SCALE: 3/4"=1'-0"



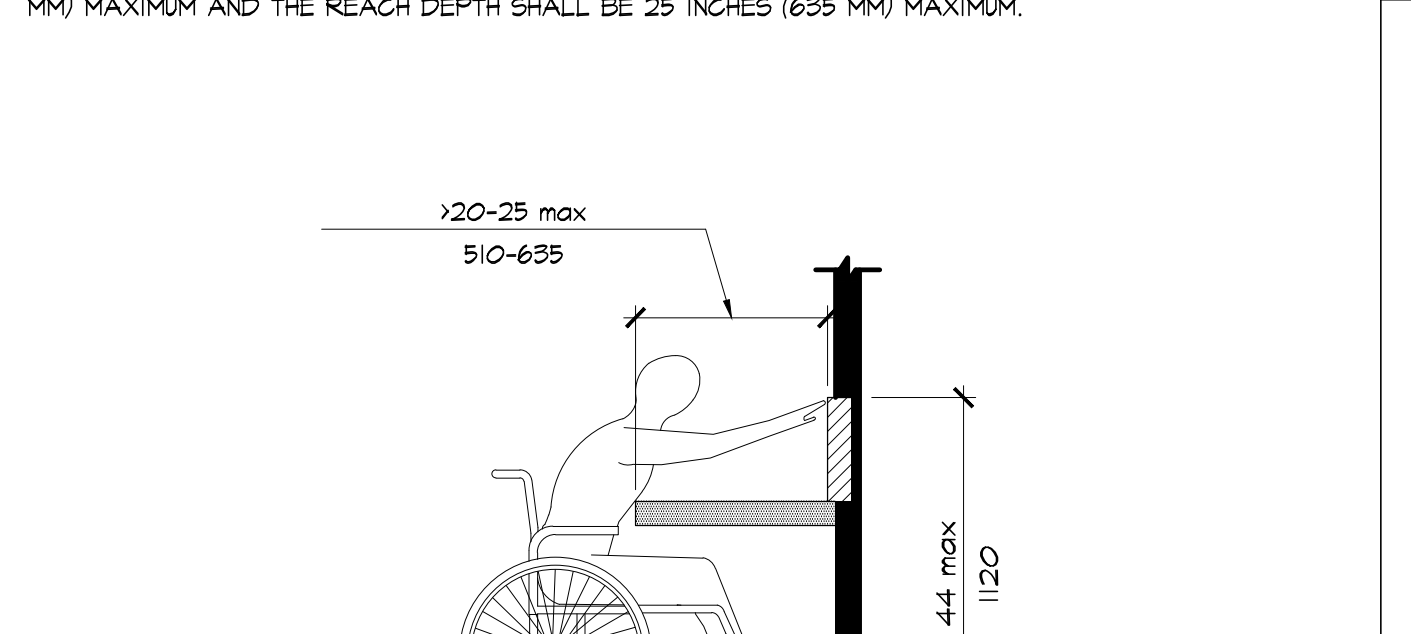
UNOBSTRUCTED FORWARD REACH
SCALE: 3/4"=1'-0"



UNOBSTRUCTED FORWARD REACH
SCALE: 1/2"=1'-0"

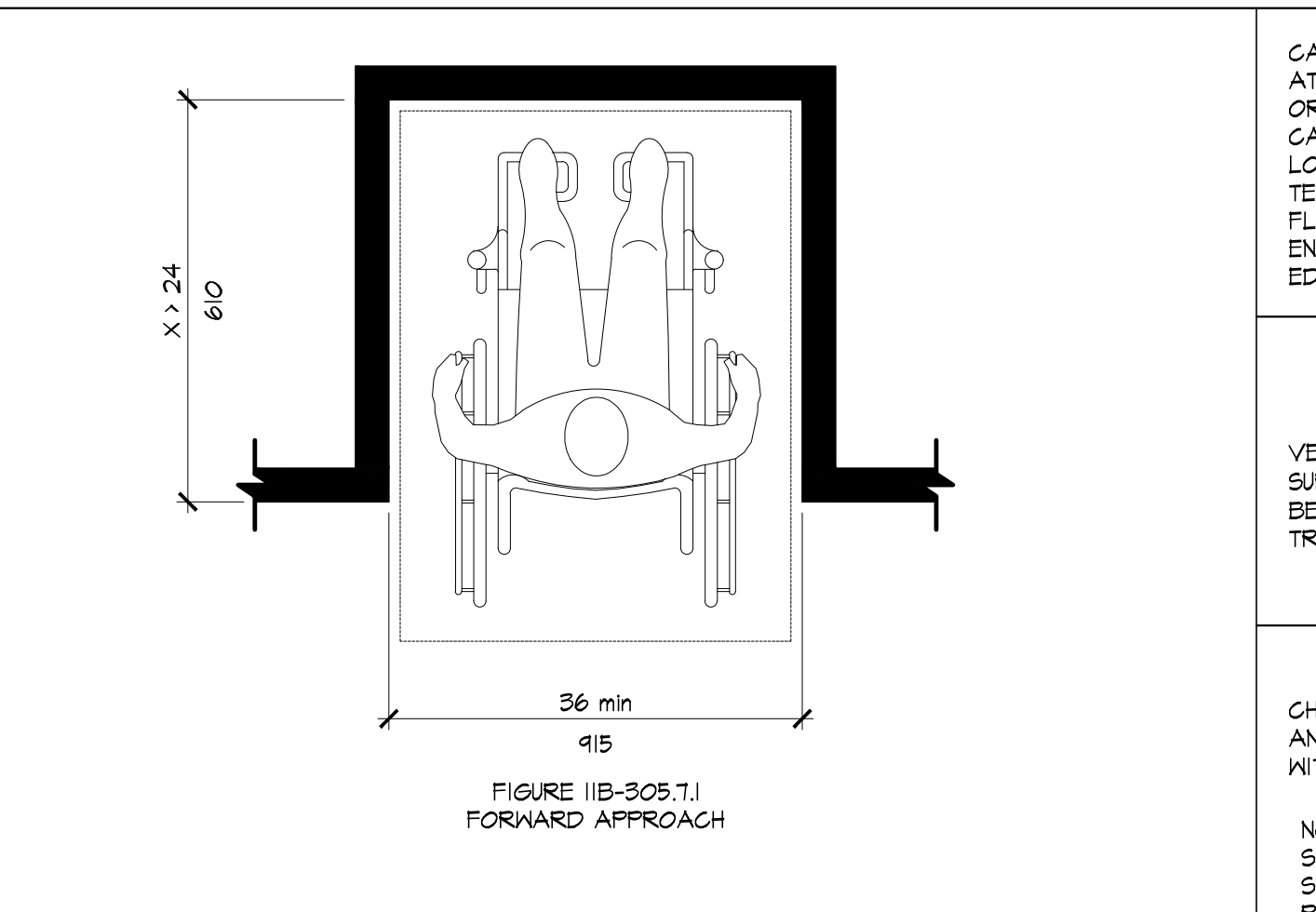


UNOBSTRUCTED FORWARD REACH
SCALE: 1/2"=1'-0"

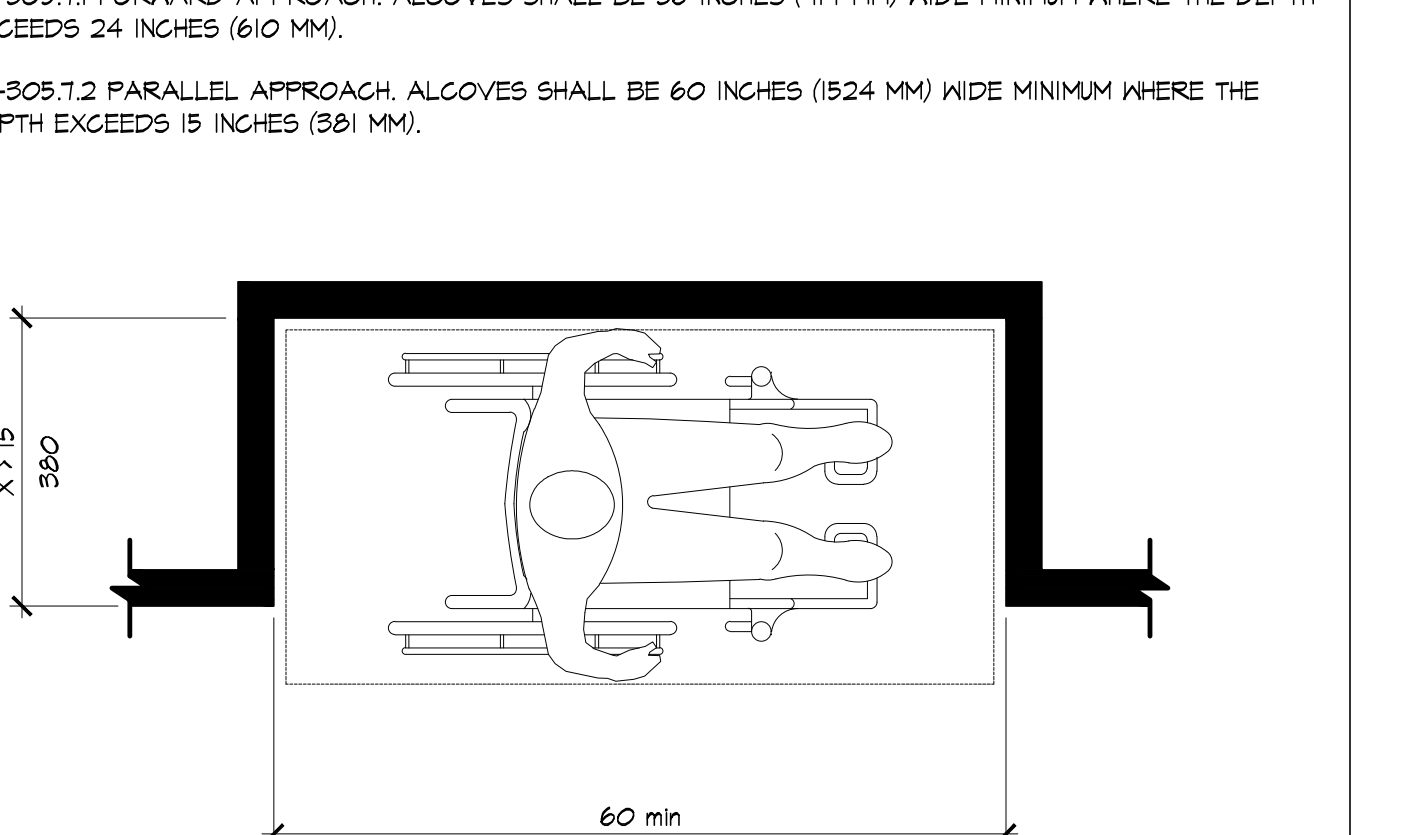


IIB-308.2.1 UNOBSTRUCTED, WHERE A FORWARD REACH IS UNOBSTRUCTED, THE HIGH FORWARD REACH SHALL BE 48 INCHES (1219 MM) MAXIMUM AND THE LOW FORWARD REACH SHALL BE 15 INCHES (381 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND.

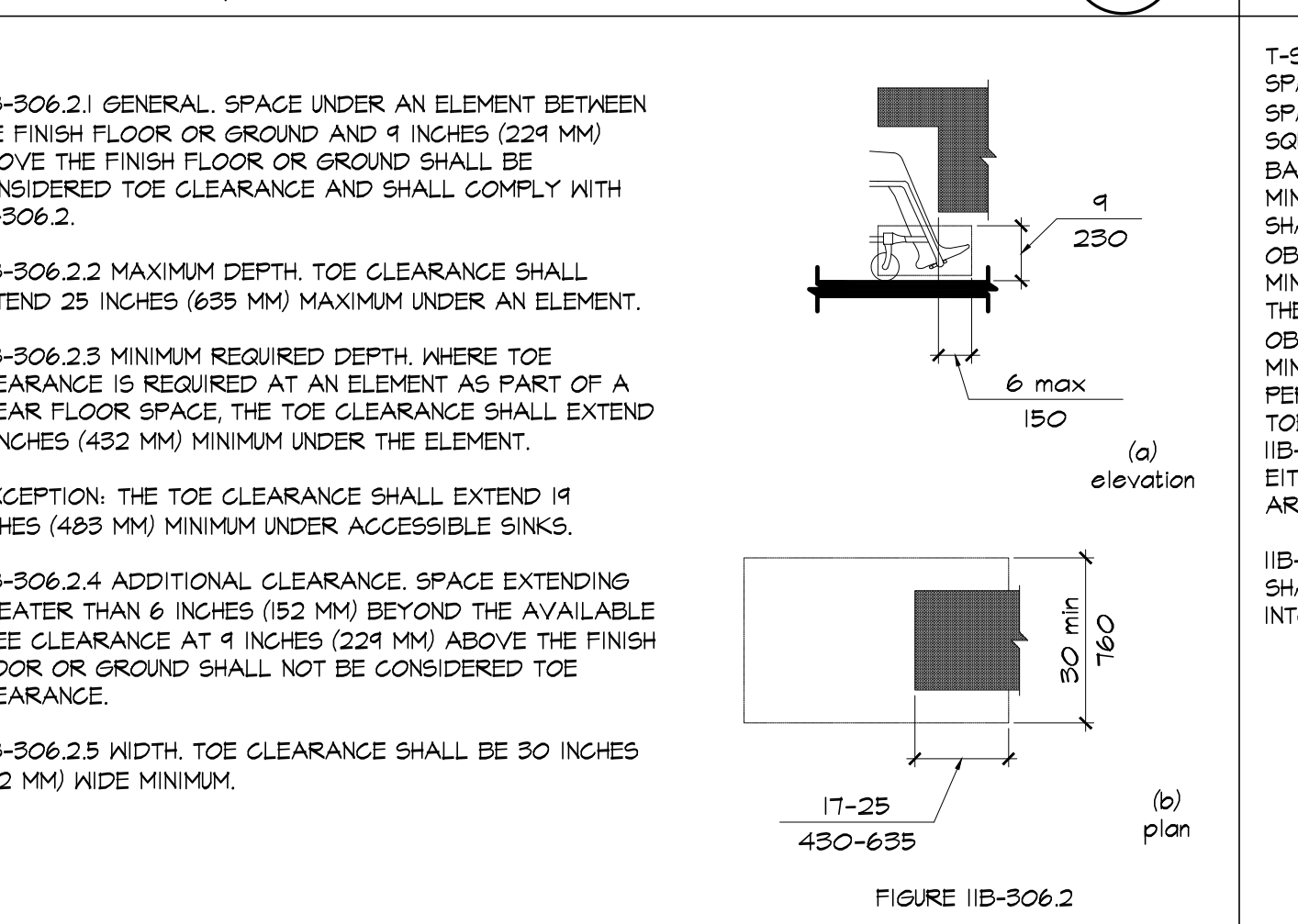
UNOBSTRUCTED FORWARD REACH
SCALE: 1/2"=1'-0"



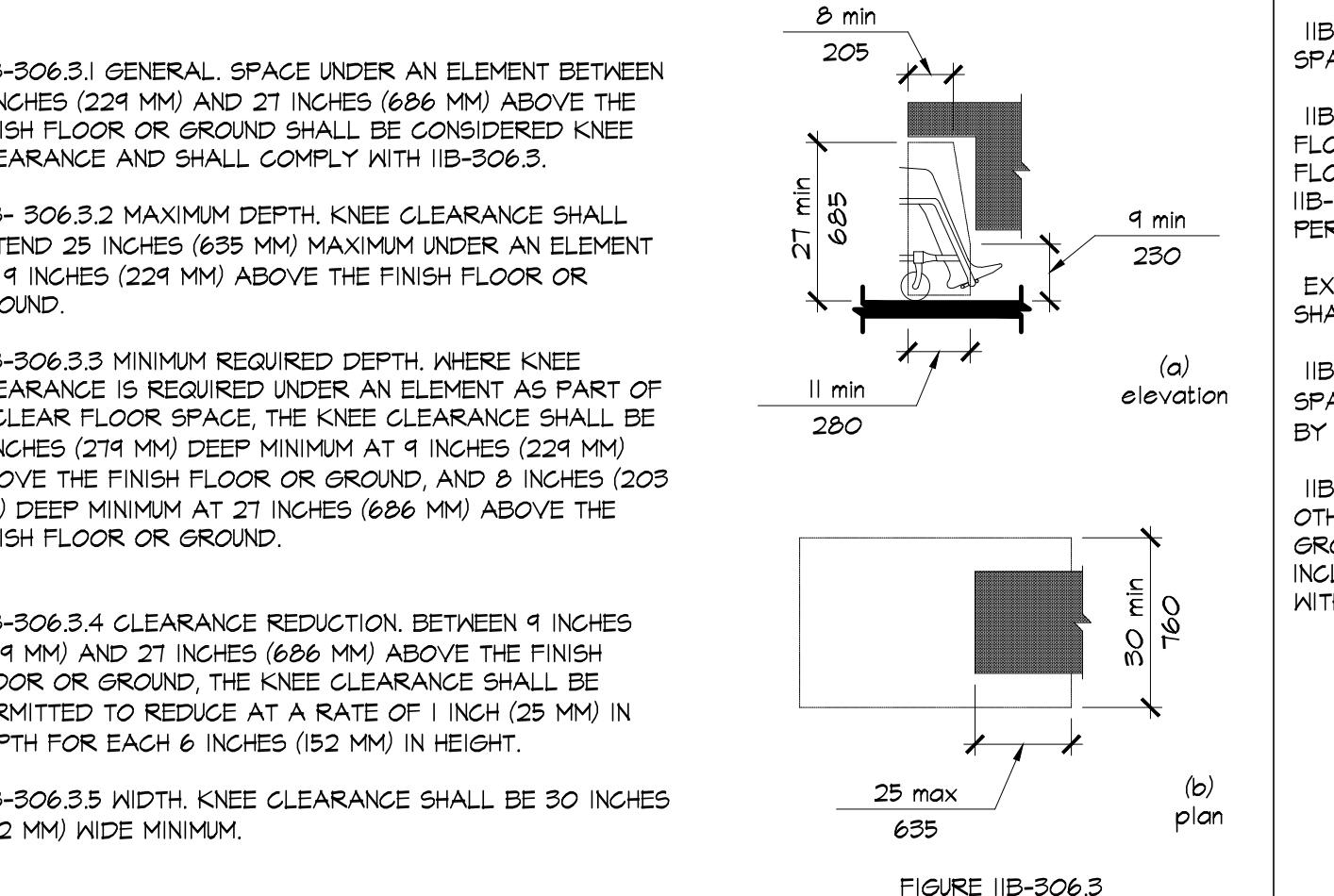
MANEUVERING CLEARANCE IN AN ALCOVE
SCALE: 3/4"=1'-0"



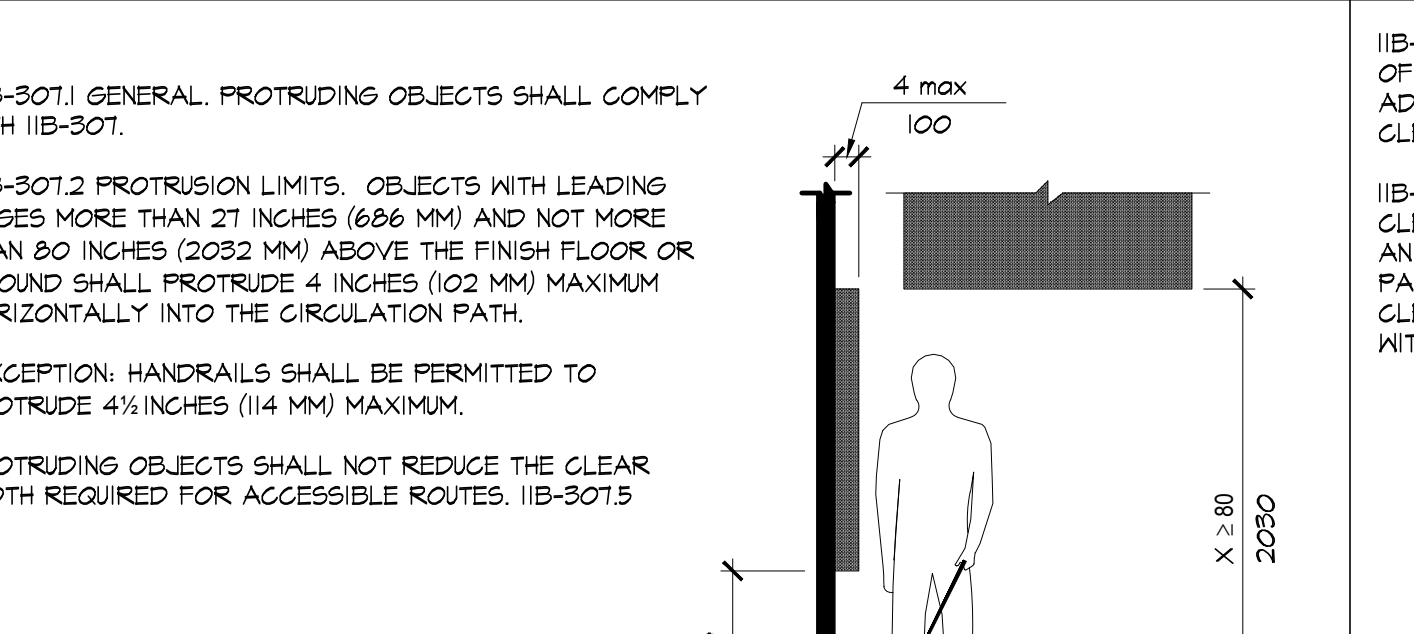
MANEUVERING CLEARANCE IN AN ALCOVE
SCALE: 3/4"=1'-0"



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



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



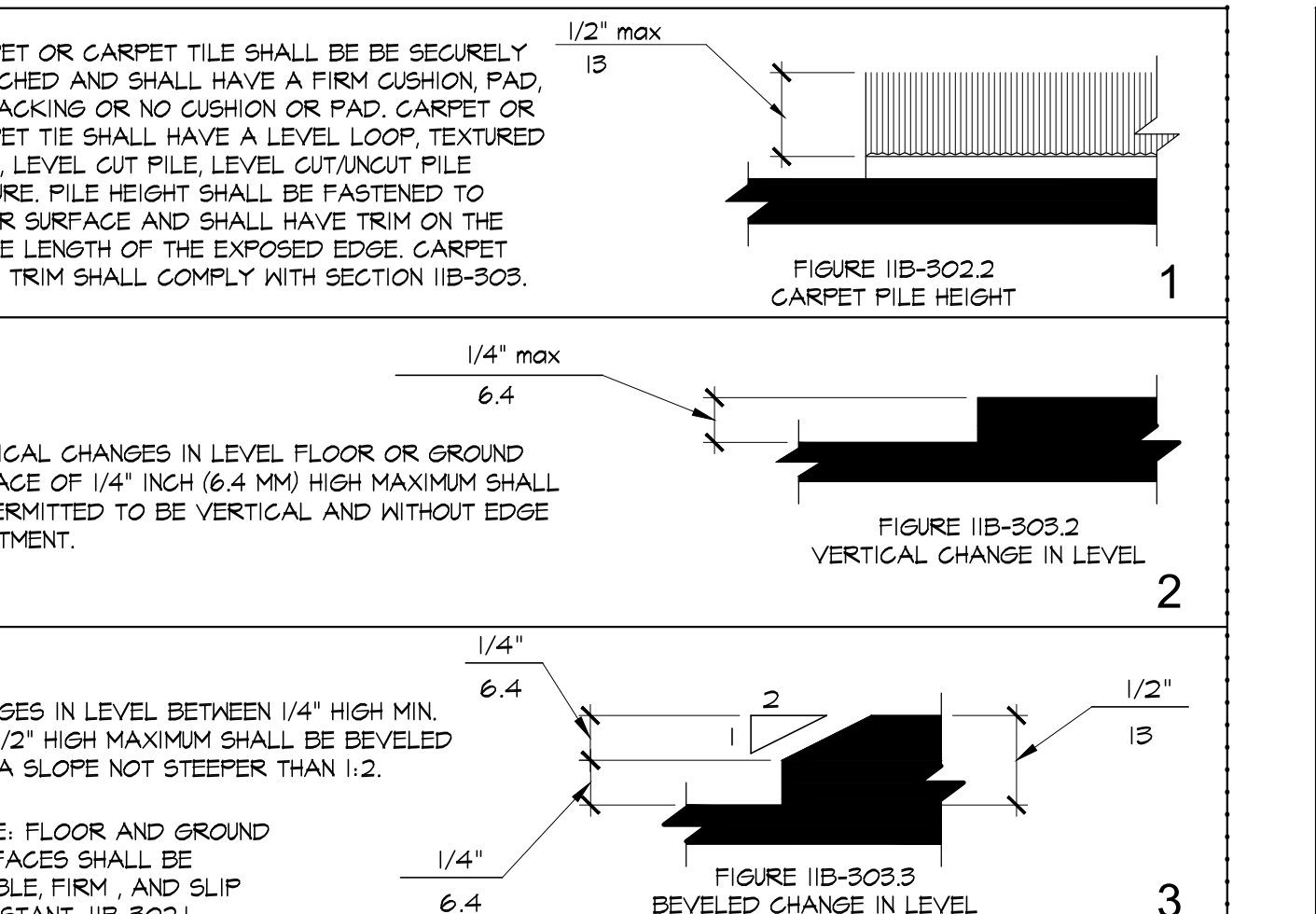
IIB-307.1 GENERAL. PROTRUDING OBJECTS SHALL COMPLY WITH IIB-307.

IIB-307.2 PROTRUSION LIMITS. OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES (686 MM) AND NOT MORE THAN 80 INCHES (2032 MM) ABOVE THE FINISH FLOOR OR GROUND SHALL PROTRUDE 4 INCHES (102 MM) MAXIMUM HORIZONTALLY INTO THE CIRCULATION PATH.

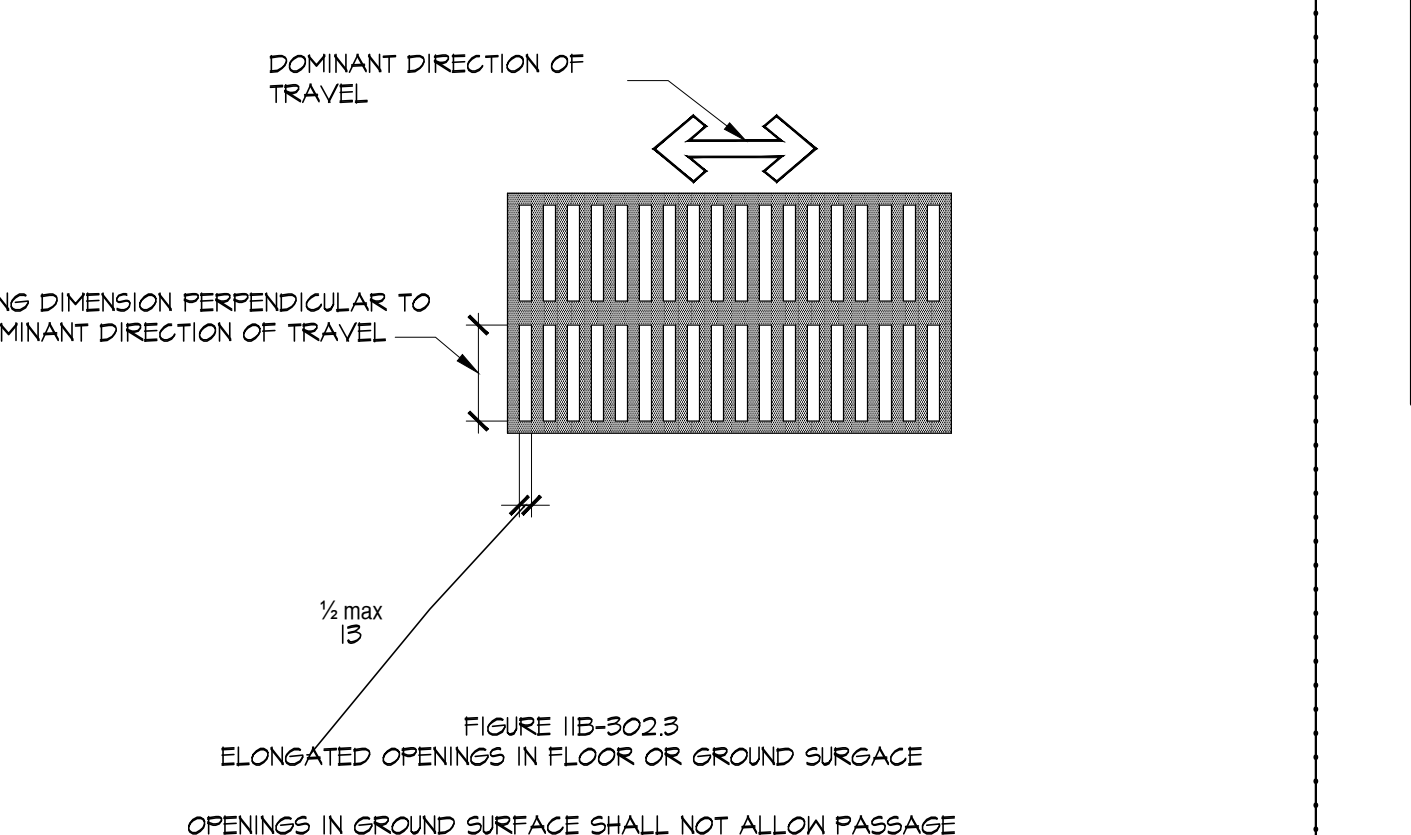
EXCEPTION: HANDRAILS SHALL BE PERMITTED TO PROTRUDE 4 1/2 INCHES (114 MM) MAXIMUM.

PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. IIB-307.5

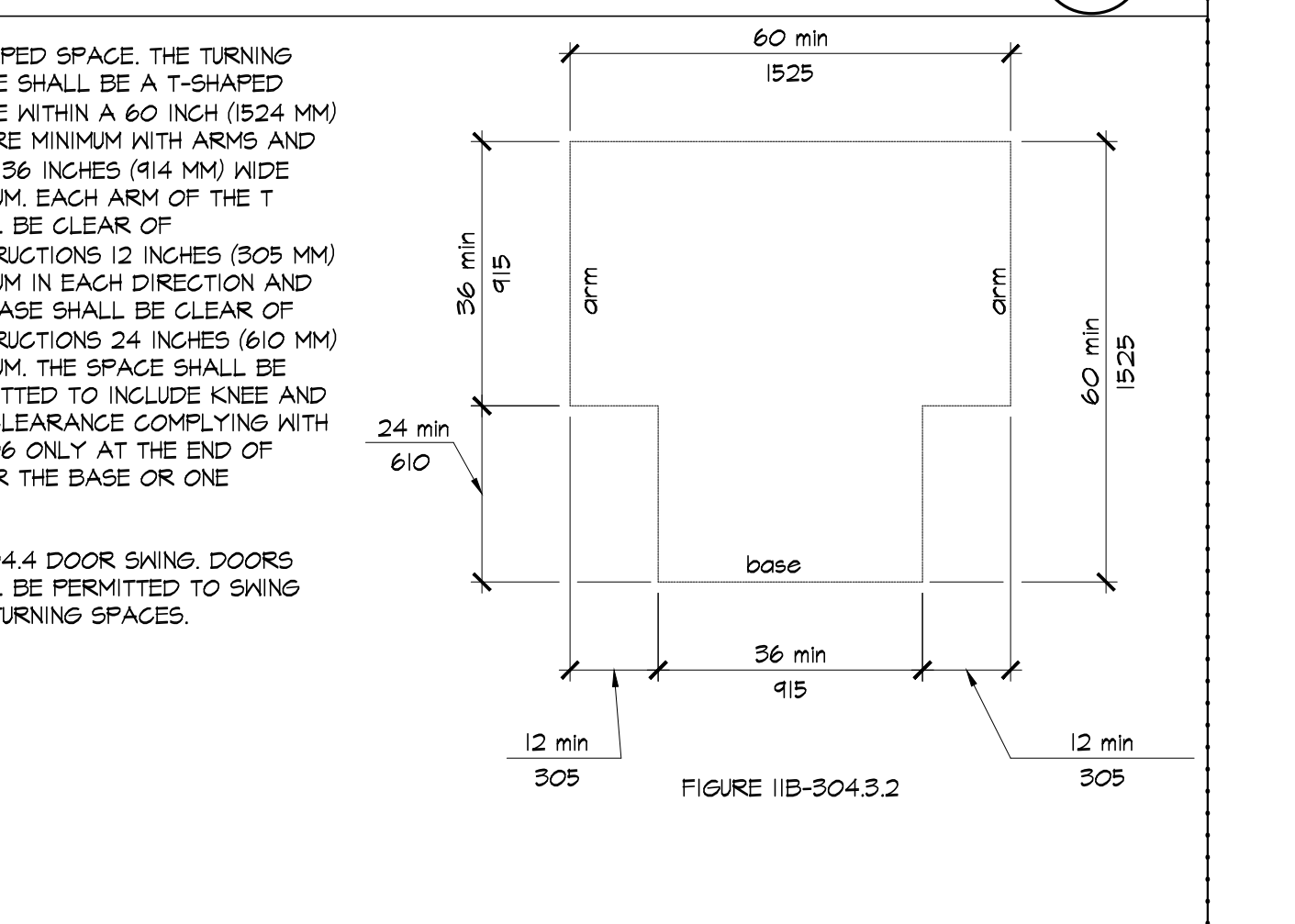
LIMITS OF PROTRUDING OBJECTS
SCALE: 3/8"=1'-0"



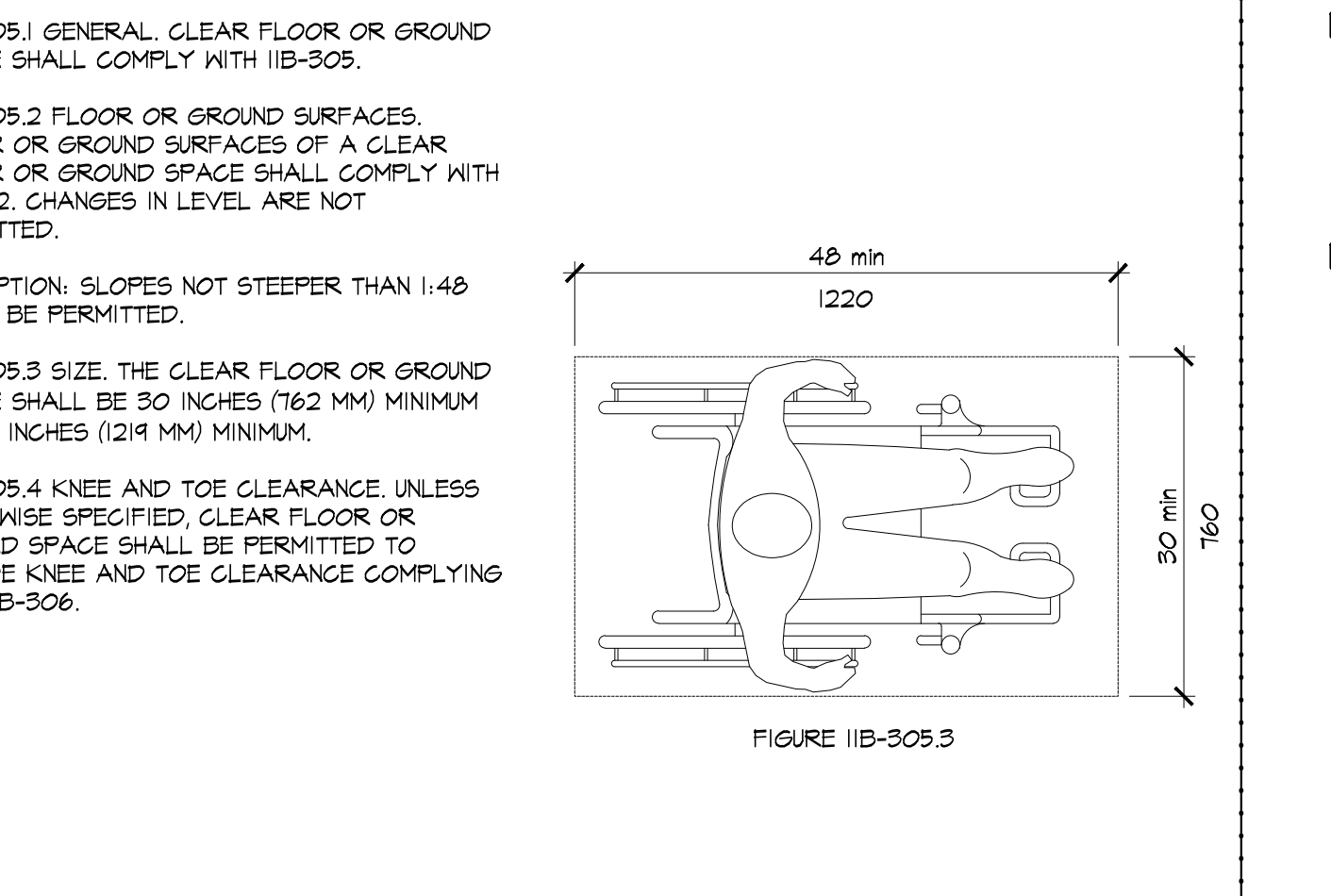
CHANGES IN LEVEL DETAIL
SCALE: 1"=1"



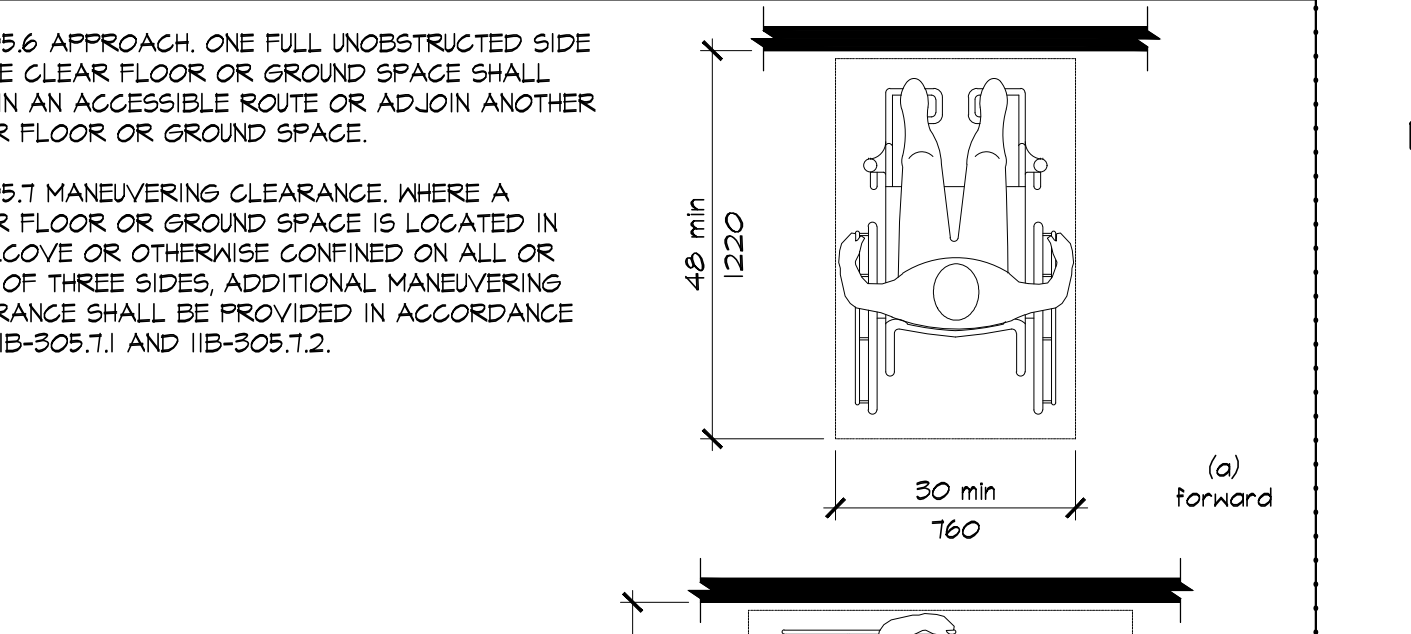
ELONGATED OPENING IN FLOOR DETAIL
SCALE: 1"=1"



MINIMUM "T" SHAPED TURNING SPACE DETAIL
SCALE: 1"=1"



CLEAR FLOOR OR GROUND SPACE
SCALE: 3/4"=1'-0"



IIB-305.1 GENERAL. CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH IIB-305.

IIB-305.2 FLOOR OR GROUND SURFACES. FLOOR OR GROUND SURFACES OF A CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH IIB-302.2. CHANGES IN LEVEL ARE NOT PERMITTED.

EXCEPTION: SLOPES NOT STEEPER THAN 1:48 SHALL BE PERMITTED.

IIB-305.3 SIZE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 60 INCHES (1524 MM) MINIMUM BY 48 INCHES (1219 MM) MINIMUM.

IIB-305.4 KNEE AND TOE CLEARANCE. UNLESS OTHERWISE SPECIFIED, CLEAR FLOOR OR GROUND SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE COMPLYING WITH IIB-306.

CLEAR FLOOR OR GROUND SPACE POSITION
SCALE: 3/4"=1'-0"

pk:a
architecture

3100 Leavenworth Drive, Suite 110
Oxnard, CA 93030
Tel: 805.558.0057 Fax: 805.558.0019
www.pkarchitecture.net

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
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remarks	date
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sheet title

ACCESSIBILITY DETAILS
(For Reference Only)

drawn by

project no. IIB-66-60

date

scale

TAO.3

NOTE: CONTRACTOR TO REVIEW ALL NOTES PRIOR TO PROCEEDING. IN PARTICULAR CONTRACTOR TO REVIEW BUILDING DEPARTMENT GREEN BUILDING NOTES FOR CODE REQUIREMENTS AND MATERIAL SPECIFICATIONS AND MAKE ALL SUBS. AND SUPPLIERS AWARE OF THE SPECIAL REQUIREMENTS.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

- Adhesives, adhesive bonding primers adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAGMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.
- Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *California Code of Regulations*, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT ^{1,2}	
Less Water and Less Exempt Compounds in Grams per Liter	
ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

- IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.
- FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRDB/SC/CURHTMLR/1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT	
Less Water and Less Exempt Compounds in Grams per Liter	
SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PVMIR Limits for ROC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of *California Code of Regulations*, Title 17, commencing with Section 94520, and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

TABLE 5.504.4.3 - VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS ^{2,3}	
GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS	
COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS:	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

- GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS
- THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.
- VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

- Manufacturer's product specification
- Field verification of on-site product containers

5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet at least one of the testing and product requirements:

- Carpet and Rug Institute's Green Label Plus Program.
- Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as CDPH Standard Method V.1.1 or Specification 01350).
- NSF/ANSI 140 at the Gold level or higher;
- Scientific Certifications Systems Sustainable Choice; or
- Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7.0 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High Performance Product Database.

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the Carpet and Rug Institute Green Label program.

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

- Product certifications and specifications.
- Chain of custody certifications.
- Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
- Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
- Other methods acceptable to the enforcing agency.

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

INSPECTOR SIGNOFF
REFERENCE SHEET (SHEET # OR N/A)

SHEETS
TA3.4.1
TA3.4.2
TA3.4.3
TA3.4.4

SHT. MO.1
GBC
NOTE #3

N/A

SHT. MO.1
GBC
NOTES
#5 & 6

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS	
MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION	
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD ²	0.13

- VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.
- THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).

5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following:

- Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program;
- Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version 1.1, February 2010;
- Compliant with the Collaborative for High Performance Schools California (CA-CHPS) Criteria Interpretation for EQ 7.1 and EQ 7.1 (formerly EQ 2.2) dated July 2012 and listed in the CHPS High Performance Product Database; or
- Products certified under UL GREENGUARD Gold (formerly the Greenguard Children's & Schools Program).

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 8. MERV 8 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions:

- An ASHRAE 10% to 15% efficiency filter shall be permitted for an HVAC unit meeting the 2013 California Energy Code having 90,000 Btu/hr or less capacity per fan coil, if the energy use of the air delivery system is 0.4 Wcfm or less at design air flow.
- Existing mechanical equipment.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL
5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of *California Building Code*, CCR, Title 24, Part 2, Sections 1203 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures not applicable to low-rise residential occupancies, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY
5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the *California Energy Code*, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO₂) MONITORING. For buildings or additions equipped with demand control ventilation, CO₂ sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

SECTION 5.507 ENVIRONMENTAL COMFORT
5.507.4 ACOUSTICAL CONTROL. Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

- Within the 65 CNEL noise contour of an airport.

Exceptions:

- Le or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICLZ) plan.
- Le or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.

5.507.4.1.1 Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L_{eq} - 1 hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbox.org/PDF/CaseStudies/stc_icc_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY
5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

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REFERENCE SHEET (SHEET # OR N/A)

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO₂), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fourth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 m/s.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multiring seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves and fittings shall comply with the *California Mechanical Code* and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transmitter or other device shall be installed in the space between the rupture disc and the relief valve to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted for use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

5.508.2.2.2.3 Chain tethers. Chain tethers to fit over the stem are required for valves designed to have seal caps.

Exception: Valves with seal caps that are not removed from the valve during stem operation.

5.508.2.3 Refrigerated service cases. Refrigerated service cases holding food products containing vinegar and salt shall have evaporator coils of corrosion-resistant material, such as stainless steel; or be coated to prevent corrosion from these substances.

5.508.2.3.1 Coil coating. Consideration shall be given to the heat transfer efficiency of coil coating to maximize energy efficiency.

5.508.2.4 Refrigerant receivers. Refrigerant receivers with capacities greater than 200 pounds shall be fitted with a device that indicates the level of refrigerant in the receiver.

5.508.2.5 Pressure testing. The system shall be pressure tested during installation prior to evacuation and charging.

5.508.2.5.1 Minimum pressure. The system shall be charged with regulated dry nitrogen and appropriate tracer gas to bring system pressure up to 300 psig minimum.

5.508.2.5.2 Leaks. Check the system for leaks, repair any leaks, and retest for pressure using the same gauge.

5.508.2.5.3 Allowable pressure change. The system shall stand, unaltered, for 24 hours with no more than a +/- one pound pressure change from 300 psig, measured with the same gauge.

5.508.2.6 Evacuation. The system shall be evacuated after pressure testing and prior to charging.

5.508.2.6.1 First vacuum. Pull a system vacuum down to at least 1000 microns (+/- 50 microns), and hold for 30 minutes.

5.508.2.6.2 Second vacuum. Pull a second system vacuum to a minimum of 500 microns and hold for 30 minutes.

5.508.2.6.3 Third vacuum. Pull a third vacuum down to a minimum of 300 microns, and hold for 24 hours with a maximum drift of 100 microns over a 24-hour period.

CHAPTER 7 INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS

702 SPECIAL INSPECTION 702.1 INSTALLER TRAINING.

HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

- State certified apprenticeship programs.
- Public utility training programs.
- Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
- Programs sponsored by manufacturing organizations.
- Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

- Certification by a national or regional green building program or standard publisher.
- Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
- Successful completion of a third party apprentice training program in the appropriate trade.
- Other programs acceptable to the enforcing agency.

Notes:

- Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
- HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

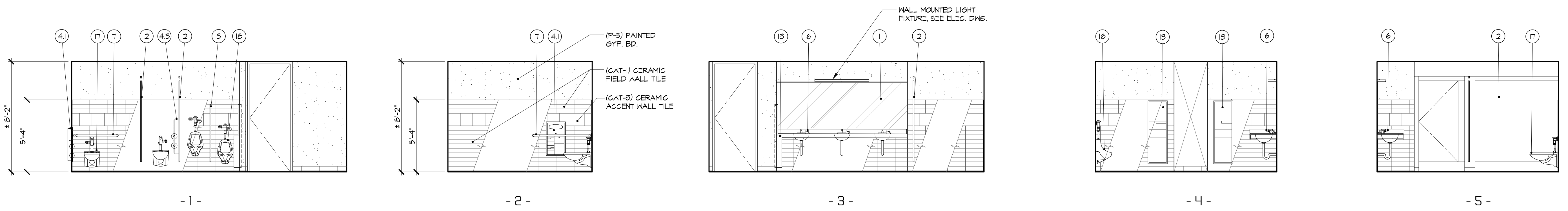
703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.



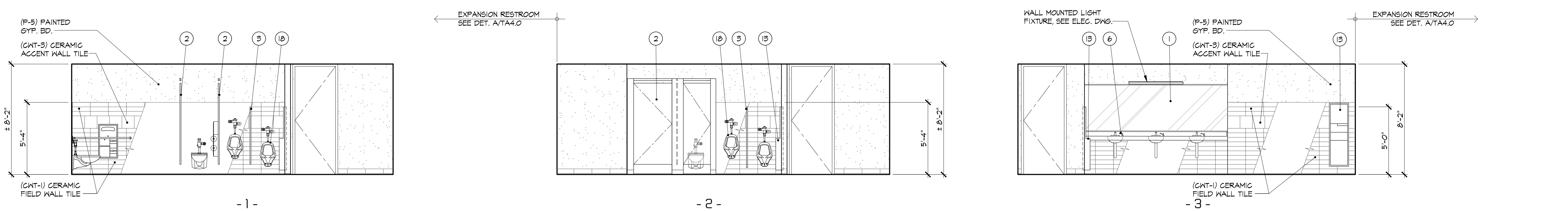
5165 Le Conte Drive, Suite 110
Berkeley, CA 94704
Tel: 916.859.0057 Fax: 916.859.0059
www.pk-architecture.net



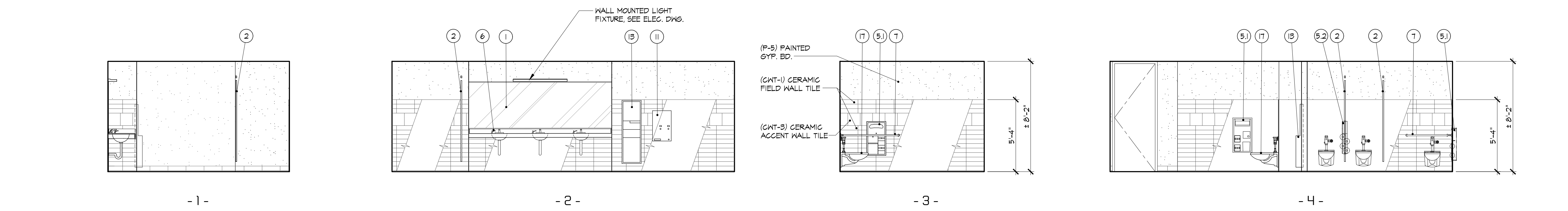
all drawings and written material appearing herein constitute the original and unaltered work of the architect and



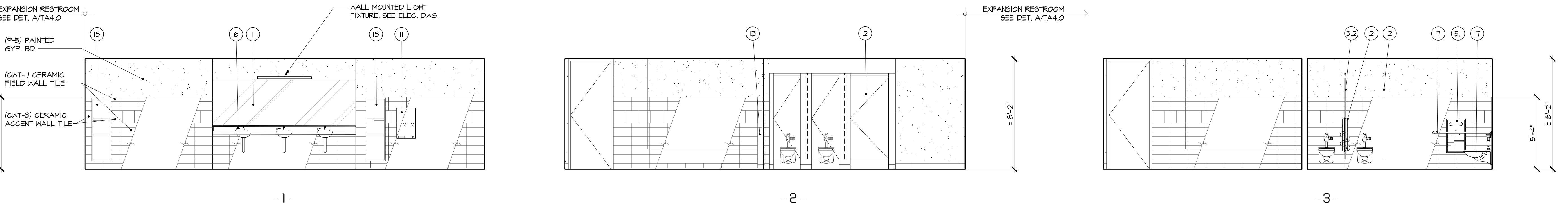
EXISTING 1ST FLOOR MEN'S RR ELEVATIONS - North Wing and EXISTING 2ND FLOOR MEN'S RR ELEVATIONS - North & South Wing SCALE: 1/4" = 1'-0"



EXISTING 1ST FLOOR MEN'S RESTROOM ELEVATIONS - South Wing SCALE: 1/4" = 1'-0"



EXISTING 1ST FLOOR WOMEN'S RR ELEVATIONS - North Wing and EXISTING 2ND FLOOR WOMEN'S RR ELEVATIONS - North & South Wing SCALE: 1/4" = 1'-0"



EXISTING 1ST FLOOR WOMEN'S RESTROOM ELEVATIONS - South Wing SCALE: 1/4" = 1'-0"

ACCESSORIES SCHEDULE / KEYNOTES

DESCRIPTION

- B-2901 LAMINATED 1/4" FLOAT-PLATE GLASS MIRROR WITH 15-YEAR SILVER SPOILAGE WARRANTY, BACK PROTECTED WITH 1/8" POLYETHYLENE PADDING, SIZE: 48" H. X FULL WIDTH
- HEADRAIL BRACED TOILET PARTITIONS, 12" HIGH DOORS AND PANELS (MFR. "ELITE PLUS" BY HAKRAN, INC.) FINISH: METAL WITH BAKED ON HIGH PERFORMANCE POWDER COATING. COLOR TO BE SELECTED BY ARCHITECT.
- 18" WIDE URINAL SCREEN TO MATCH TOILET PARTITION. COLOR TO BE SELECTED BY ARCHITECT.
- B-3474 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER AND TOILET TISSUE DISPENSER AT MEN'S RESTROOM
- B-3471 PARTITION MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
- B-3474 SURFACE MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
- B-3574 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER AT WOMEN'S RESTROOM
- B-3571 PARTITION-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER (SERVES TWO COMPARTMENTS AT WOMEN'S RR)
- B-3574 SURFACE MOUNTED TOILET SEAT COVER NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER.
- B-8226 COUNTERTOP MOUNTED ALL PURPOSE SOAP DISPENSER.
- B-8237.99 1 1/4" TWO WALL GRAB BAR (EXTEND 24" MINIMUM BEYOND LIP OF WATER CLOSET) FOR ATTACHMENT, USE B-256 ANCHOR PLATES AT STUD WALL AND B-258 AT TOILET COMPARTMENT PANELS (SEE DETAIL Q/TAP.2).
- (RESERVED)
- B-6871 SURFACE MOUNTED DOOR BUMPER, TYP. AT MAIN ENTRY SOLID WOOD CORE DOOR & HC COMPARTMENT DOOR.
- (RESERVED)
- B-57065 50 RECESSED SANITARY NAPKIN/TAMPON VENDOR, SINGLE-COIN OPERATION (VERIFY COIN AMOUNT WITH OWNER).
- (RESERVED)
- B-43944 RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
- B-3571 PARTITION MOUNTED TOILET SEAT COVER, NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER AT WOMEN'S ADA STALL.
- B-212 CLOTHES HOOK AND BUMPER, TYP. AT COMPARTMENT DOOR.
- (NOT USED)
- AMERICAN STANDARD WALL-MOUNTED WATER CLOSET, SEE PLUMBING DWGS.
- AMERICAN STANDARD WALL-HUNG URINAL, SEE PLUMBING DWGS.
- 1/4" THK. X 12" WIDTH X 18" LONG SIDES EQUILATERAL TRIANGLE, MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL, PER CALIFORNIA TITLE 24 'MEN' SIGNAGE, SEE RESTROOM SIGNAGE STANDARDS BELOW.
- 1/4" THK. X 60" DIA. CIRCLE MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 'WOMEN' SIGNAGE, SEE RESTROOM SIGNAGE STANDARDS BELOW.
- TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE TO A HEIGHT OF 4'-FT. ABOVE THE FLOOR (CBC, SEC. 1210.2)
- FLOOR DRAIN TYPICAL
- STONE THRESHOLD

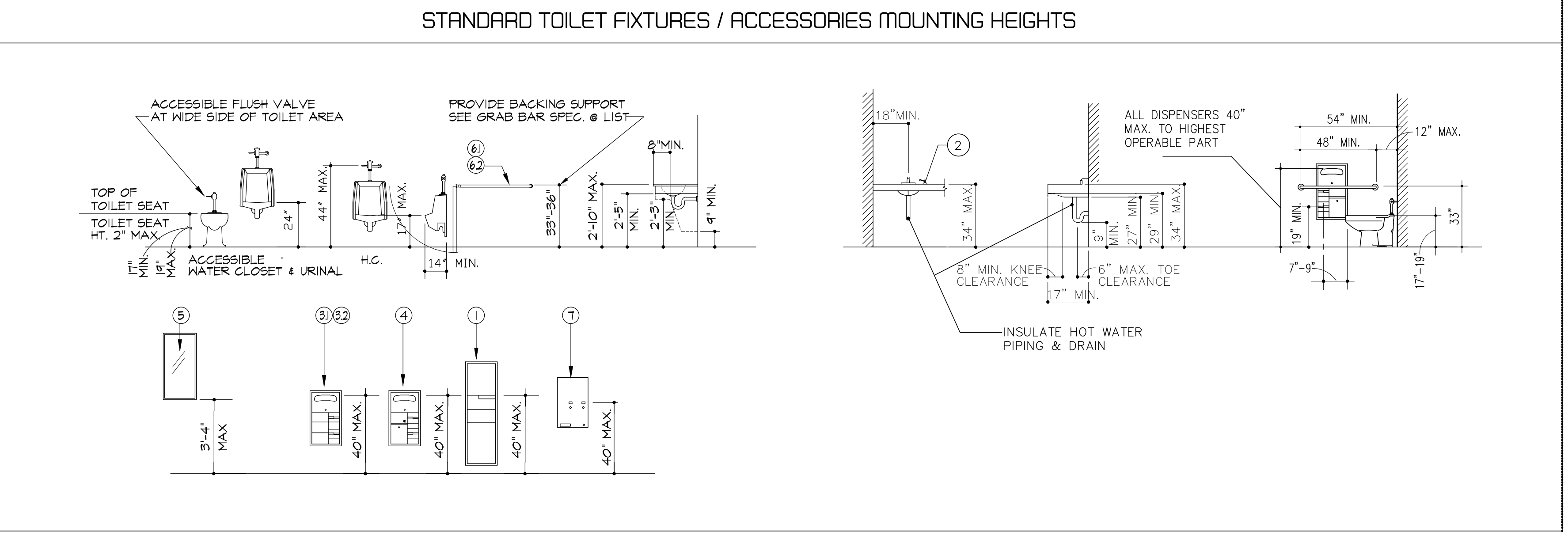
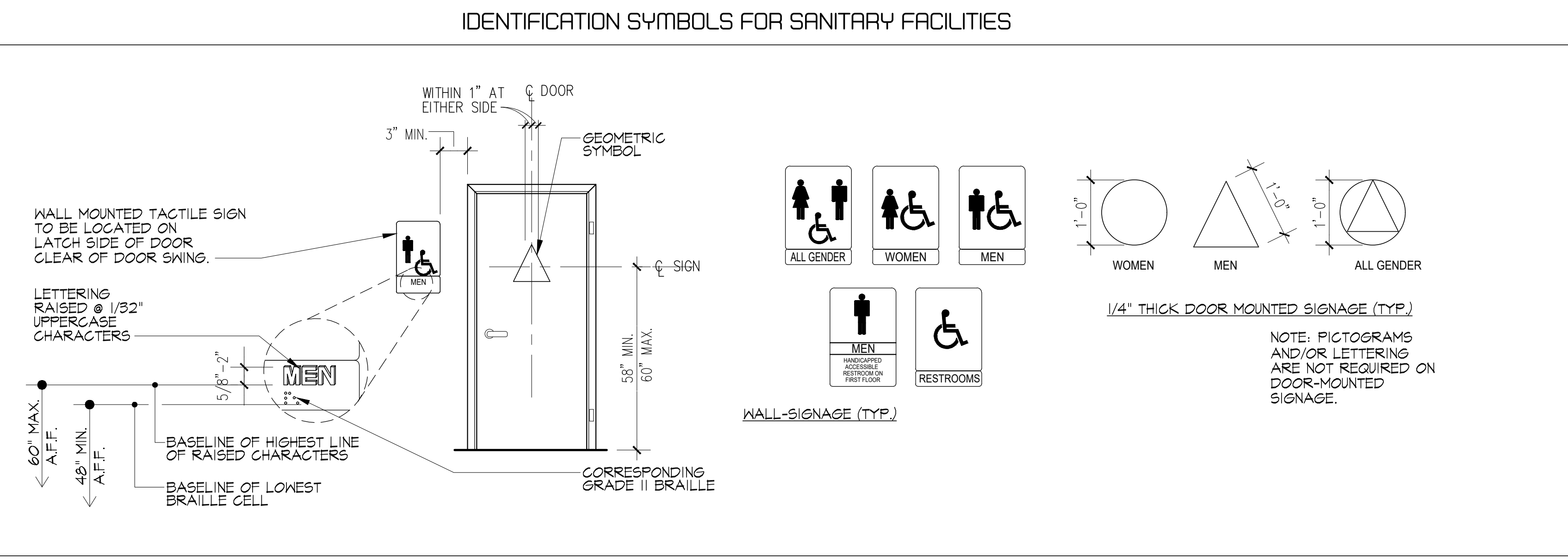
pk:a architecture

5166 Lincoln Drive, Suite 110
 Laguna Hills, California 91753
 P: 818.551.0057 F: 818.551.0019
 www.pkaarchitect.com

OXNARD UNION HIGH SCHOOL DISTRICT
 1800 N SOLAR DRIVE - 1st & 2nd Floors
 OXNARD, CALIFORNIA

all drawings and written material appearing herein constitute the original and completed work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

remarks	date
PROGRESS SET	10/1/19
PLANNING CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	



EXISTING ENLARGED RESTROOM ELEVATIONS

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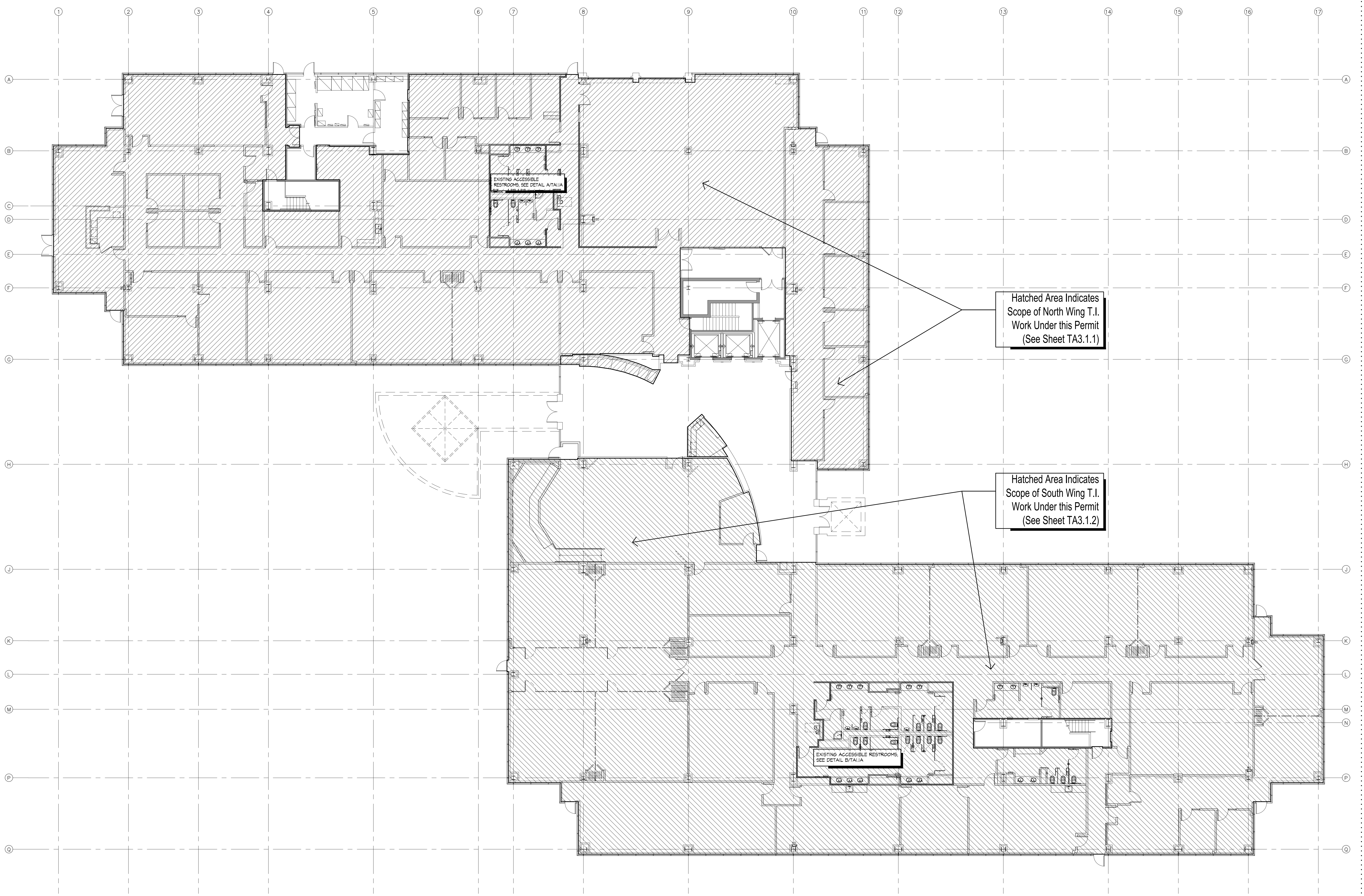
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project no 18-66.60

date

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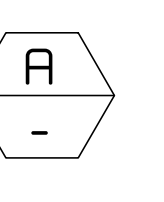


Hatched Area Indicates
Scope of North Wing T.I.
Work Under this Permit
(See Sheet TA3.1.1)

Hatched Area Indicates
Scope of South Wing T.I.
Work Under this Permit
(See Sheet TA3.1.2)

FIRST FLOOR LOCATION PLAN

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



NORTH

pk:a
architecture

5166 Lincoln Drive, Suite 110
Agoura Hills, California 91301
P: 818.551.0057 F: 818.551.0019
www.pkarchitecture.net

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1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

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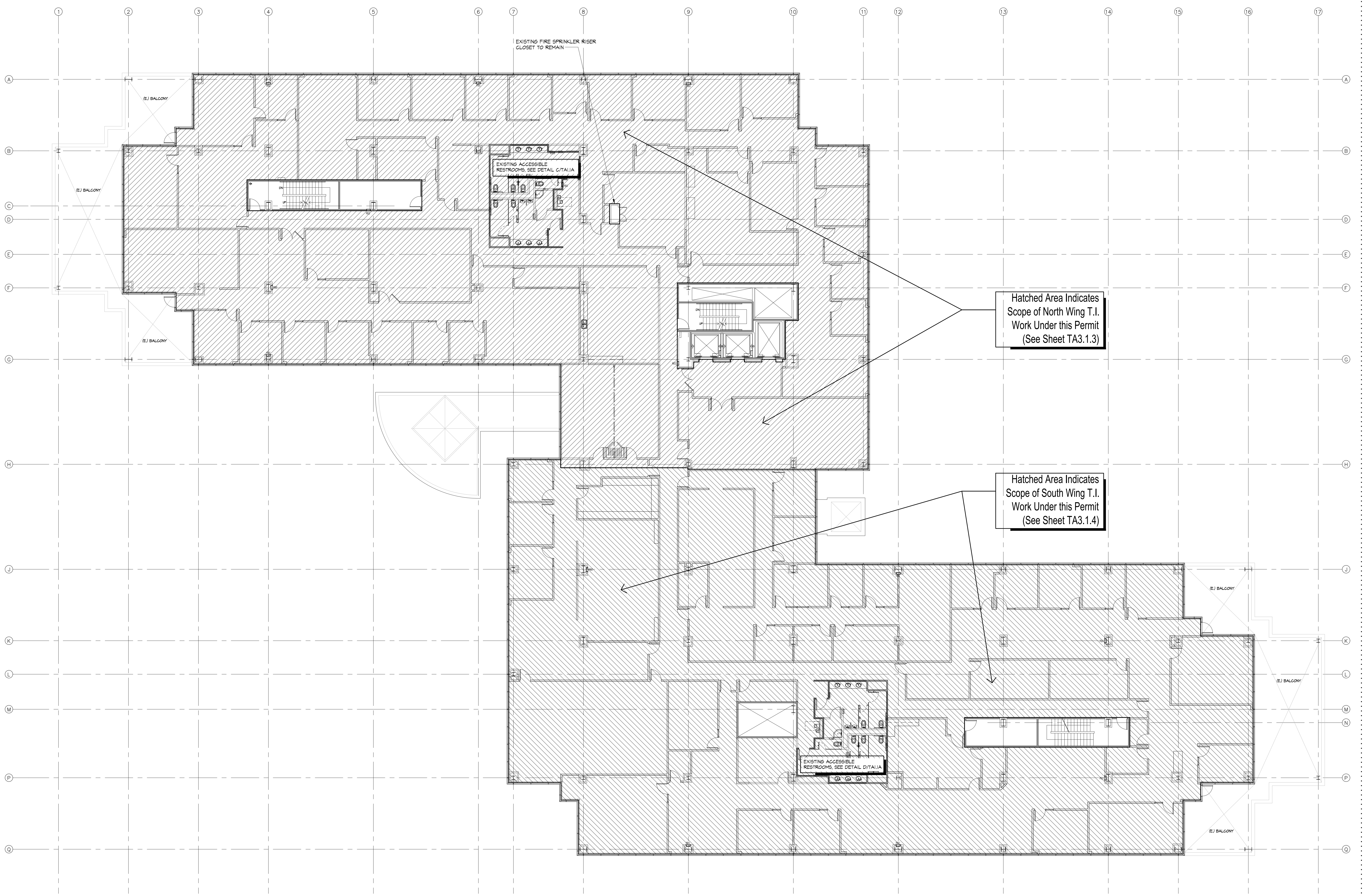
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	PLAN CHECK SUBMIT.	12/19/19
	BID ISSUE	02/24/20
	ADD-A / PC CORRECTION	-

sheet title

FIRST FLOOR
LOCATION PLAN

drawn by	
project no	18-66.60
date	
scale	

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pk:a
pk:architecture

5166 Lincoln Drive, Suite 110
Agoura Hills, California 91301
P: 818.551.0057 F: 818.551.0019
www.pkarchitecture.net

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OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

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remarks	date
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PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	-

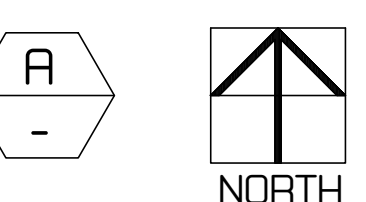
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SECOND FLOOR LOCATION PLAN

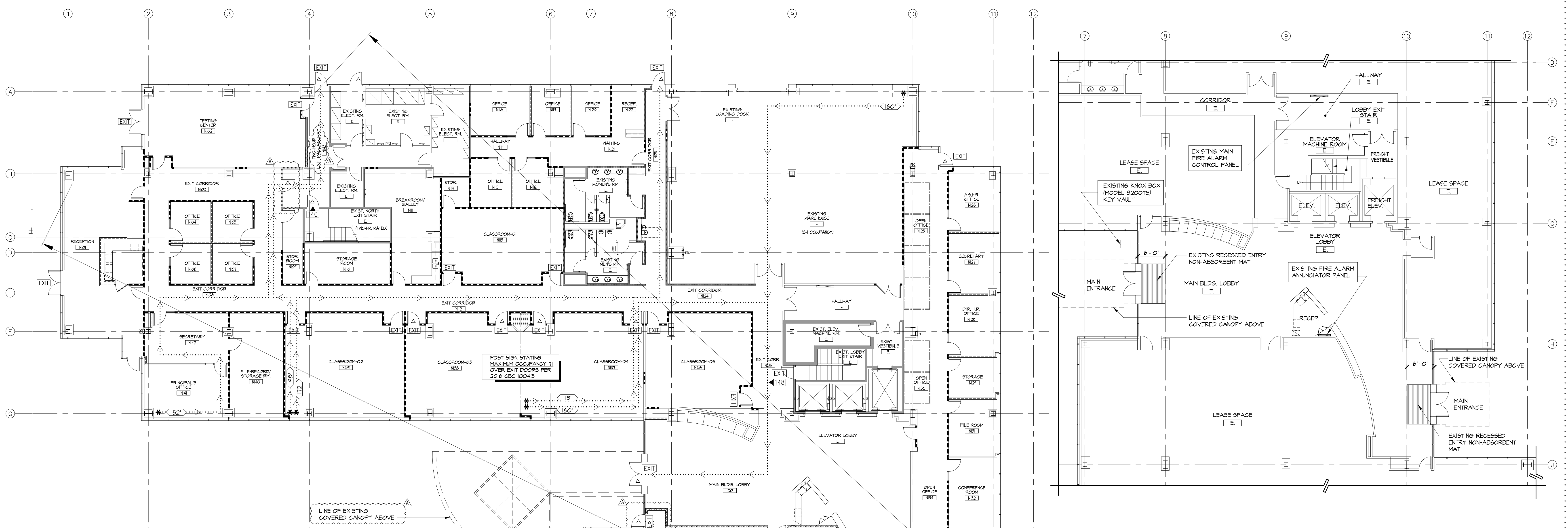
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project no	18-66.60
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scale	

SECOND FLOOR LOCATION PLAN

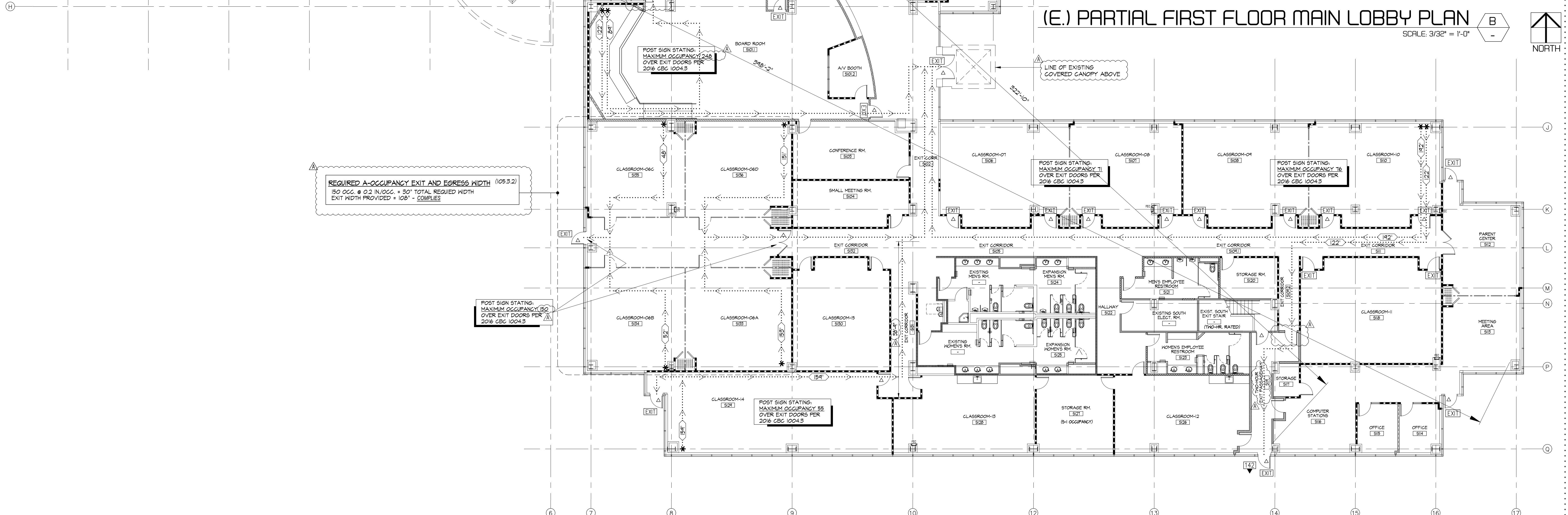
SCALE: 3/32" = 1'-0"



TA2.1



(E.) PARTIAL FIRST FLOOR MAIN LOBBY PLAN
SCALE: 3/32" = 1'-0"



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

REQUIRED A-OCCUPANCY EXIT AND EGRESS WIDTH (109.9.2)
150 OCC. @ 0.2 IN. OCC. = 30' TOTAL REQUIRED WIDTH
EXIT WIDTH PROVIDED = 108' - COMPLIES

POST SIGN STATING: MAXIMUM OCCUPANCY 30 OVER EXIT DOORS PER 2016 CBC 1004.3

POST SIGN STATING: MAXIMUM OCCUPANCY 55 OVER EXIT DOORS PER 2016 CBC 1004.3

OCCUPANCY LOAD CALCULATION

1ST FLOOR

USE	AREA (S.F.)	OCC. / 100 S.F.	OCCUPANTS
a) OFFICE (B)	16881 S.F.	1 OCC. / 100 S.F.	= 167 OCCUPANTS
b) CLASSROOMS	15,086 S.F.	1 OCC. / 20 S.F.	= 754 OCCUPANTS
c) BOARD ROOM (A-B)	1784 S.F.	1 OCC. / 1 S.F.	= 248 OCCUPANTS
d) WAREHOUSE (S-1) & UTILITY ROOMS	4305 S.F.	1 OCC. / 500 S.F.	= 9 OCCUPANTS
TOTAL			1078 OCCUPANTS

OCCUPANT LOAD FACTOR (PER TABLE 1004.1.2)

OFFICE (B)	100 SQ. FT. PER OCCUPANT
CLASSROOMS	20 SQ. FT. PER OCCUPANT
ASSEMBLY (A-B)	70 SQ. FT. PER OCCUPANT
WAREHOUSE (S-1)	500 SQ. FT. PER OCCUPANT

NUMBER OF EXITS

(1084 OCC.) / 1000 OCC., THEREFORE 4 EXITS REQUIRED
EXITS PROVIDED: 10 TOTAL

PER CBC 2016 TABLE 1006.3, FOR MORE THAN 1000 OCCUPANTS, MINIMUM NUMBER OF EXITS PER STORY REQUIRED IS 4

EXIT SEPARATION
REQUIRED: 1) 1/3 MAX. DIAGONAL W/ SPRINKLERS
348'-2" = MAX. DIAGONAL
152'-8" = 1/3 DIAGONAL W/ SPRINKLERS
322'-10" = SEPARATION PROVIDED FROM NORTH EXIT STAIR TO SOUTH EXIT STAIR

EXIT TRAVEL DISTANCE
MAX. EXIT TRAVEL DISTANCE - 'B' OCC. W/ SPRINKLER SYSTEM = 500'
MAX. EXIT TRAVEL DISTANCE - 'A' OCC. W/ SPRINKLER SYSTEM = 250'
MAX. TRAVEL DIST. FOR 'B' OCC. PROVIDED = 250'
MAX. TRAVEL DIST. FOR 'A' OCC. PROVIDED = 192'

DEAD END CORRIDOR (2016 CBC SEC. 1020.4 / EXCEPTION 2)
MAX. DEAD END CORRIDOR = 50'-0"
MAX. DEAD END CORRIDOR PROVIDED = 38'-4"

- EXITING NOTES:**
- ALLOWABLE EXIT ACCESS TRAVEL DISTANCE FOR BUILDING WITH SPRINKLER SYSTEM (PER 2016 CBC, CHAPTER 10, TABLE 1012.2):
'A' - 'S-1' OCCUPANCY - 250 FEET
'B' OCCUPANCY - 500 FEET
 - THE EXIT PATH SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1011. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN. (1011)
 - EXIT STAIRS ARE TO BE PROVIDED WITH APPROVED STAIRWAY SIGN INDICATING THE FLOOR LEVEL, TERMINUS OF THE TOP AND BOTTOM OF THE STAIR. IT IS TO BE LOCATED APPROXIMATELY 5 FT. ABOVE THE FLOOR LANDING AND READILY VISIBLE WHEN THE STAIR DOORS ARE IN AN OPEN OR CLOSED POSITION. (1022.9)

- ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN)
- EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL
- ACCUMULATION OF OCCUPANT LOAD TO EACH EXIT
- DENOTES DOOR EQUIPPED WITH PANIC DEVICE
- 122' DENOTES TRAVEL DISTANCE



5166 Lincoln Drive, Suite 110
Agoura Hills, California 91301
V: 818.551.0057 F: 818.551.0019
www.pkaarchitecture.net



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PROGRESS SET	10/14/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title

FIRST FLOOR EGRESS PLAN

drawn by	
project no	18-66.60
date	
scale	

TA2.2



SECOND FLOOR EGRESS PLAN

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

OCCUPANCY LOAD CALCULATION

USE	AREA (S.F.)	1 OCC. / 100 S.F.	1 OCC. / 20 S.F.	1 OCC. / 500 S.F.
OFFICE (B)	50,475 S.F.	505	2,524	101
CLASSROOMS	2,564 S.F.	26	128	5
STORAGE	5,416 S.F.	54	271	11
TOTAL		585	2,923	117

OCCUPANT LOAD FACTOR (PER TABLE 1004.1.2)

OFFICE (B)	100 SQ. FT. PER OCCUPANT
CLASSROOM	20 SQ. FT. PER OCCUPANT
STORAGE (S-I)	500 SQ. FT. PER OCCUPANT

NUMBER OF EXITS

444 OCC. ÷ 44 OCC. × 501 OCC. = 2 EXITS REQUIRED
 5 EXITS PROVIDED - COMPLIES

PER CBC 2016 TABLE 1006.3.1, FOR 1-500 OCCUPANTS, MINIMUM NUMBER OF EXITS PER STORY REQUIRED IS 2

EXIT SEPARATION

REQUIRED 1/3 MAX. DIAGONAL BY SPRINKLERS 362'-11" = MAX. DIAGONAL
 120'-11" = 1/3 DIAGONAL BY SPRINKLERS
 120'-5" = SEPARATION PROVIDED - COMPLIES
 FROM NORTH EXIT STAIR TO LOBBY EXIT STAIR

EXIT TRAVEL DISTANCE

MAX. EXIT TRAVEL DISTANCE - TYPE B
 OCCUPANCY WITH SPRINKLERS = 300'
 MAX. TRAVEL DIST. PROVIDED = 28'

REQUIRED LOBBY EXIT STAIRWAY WIDTH (105.3.1)

(48 OCC. @ 0.3 N.OCC. = 44' REQ. WIDTH)
 EXIT WIDTH PROVIDED = 44' - COMPLIES

REQUIRED LOBBY EGRESS WIDTH (105.3.2)

(48 OCC. @ 0.2 N.OCC. = 28.8' REQ. WIDTH)
 EXIT WIDTH PROVIDED = 36' - COMPLIES

REQUIRED NORTH EXIT STAIRWAY WIDTH (105.3.1)

(48 OCC. @ 0.3 N.OCC. = 44' REQ. WIDTH)
 EXIT WIDTH PROVIDED = 44' - COMPLIES

REQUIRED NORTH EGRESS WIDTH (105.3.2)

(48 OCC. @ 0.2 N.OCC. = 28.8' REQ. WIDTH)
 EXIT WIDTH PROVIDED = 36' - COMPLIES

REQUIRED SOUTH EXIT STAIRWAY WIDTH (105.3.1)

(48 OCC. @ 0.3 N.OCC. = 44' REQ. WIDTH)
 EXIT WIDTH PROVIDED = 44' - COMPLIES

REQUIRED SOUTH EGRESS WIDTH (105.3.2)

(48 OCC. @ 0.2 N.OCC. = 28.8' REQ. WIDTH)
 EXIT WIDTH PROVIDED = 36' - COMPLIES

- EXITING NOTES:**
- ALLOWABLE EXIT ACCESS TRAVEL DISTANCE FOR BUILDING WITH SPRINKLER SYSTEM (PER 2016 CBC, CHAPTER 10, TABLE 101.2):
 "A" 1-1 OCCUPANCY - 250 FEET
 "B" OCCUPANCY - 300 FEET
 - THE EXIT PATH SHALL BE IDENTIFIED BY EXIT SIGNS CONFORMING TO THE REQUIREMENTS OF SECTION 1011. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH. EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN. (101)
 - EXIT STAIRS ARE TO BE PROVIDED WITH APPROVED STAIRWAY SIGN INDICATING THE FLOOR LEVEL, TERMINUS OF THE TOP AND BOTTOM OF THE STAIR AND THE IDENTIFICATION NUMBER OF THE STAIR. IT IS TO BE LOCATED APPROXIMATELY 5 FT. ABOVE THE FLOOR LANDING AND READILY VISIBLE WHEN THE STAIR DOORS ARE IN AN OPEN OR CLOSED POSITION. (102.2.4)
- EXIT** ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL
- ▲** ACCUMULATION OF OCCUPANT LOAD TO EACH EXIT
- △** DENOTES DOOR EQUIPPED WITH PANIC DEVICE
- 122'** DENOTES TRAVEL DISTANCE

pk:a architecture

5166 Lincoln Drive, Suite 110
 Laguna Hills, California 91751
 V: 818.551.0057 F: 818.551.0019
 www.pkarchitecture.net

TENANT IMPROVEMENTS FOR

OXNARD UNION HIGH SCHOOL DISTRICT

1800 N SOLAR DRIVE - 1st & 2nd Floors
 OXNARD, CALIFORNIA

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remarks	date
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ADD-A / PC CORRECTION	

sheet title

SECOND FLOOR EGRESS PLAN

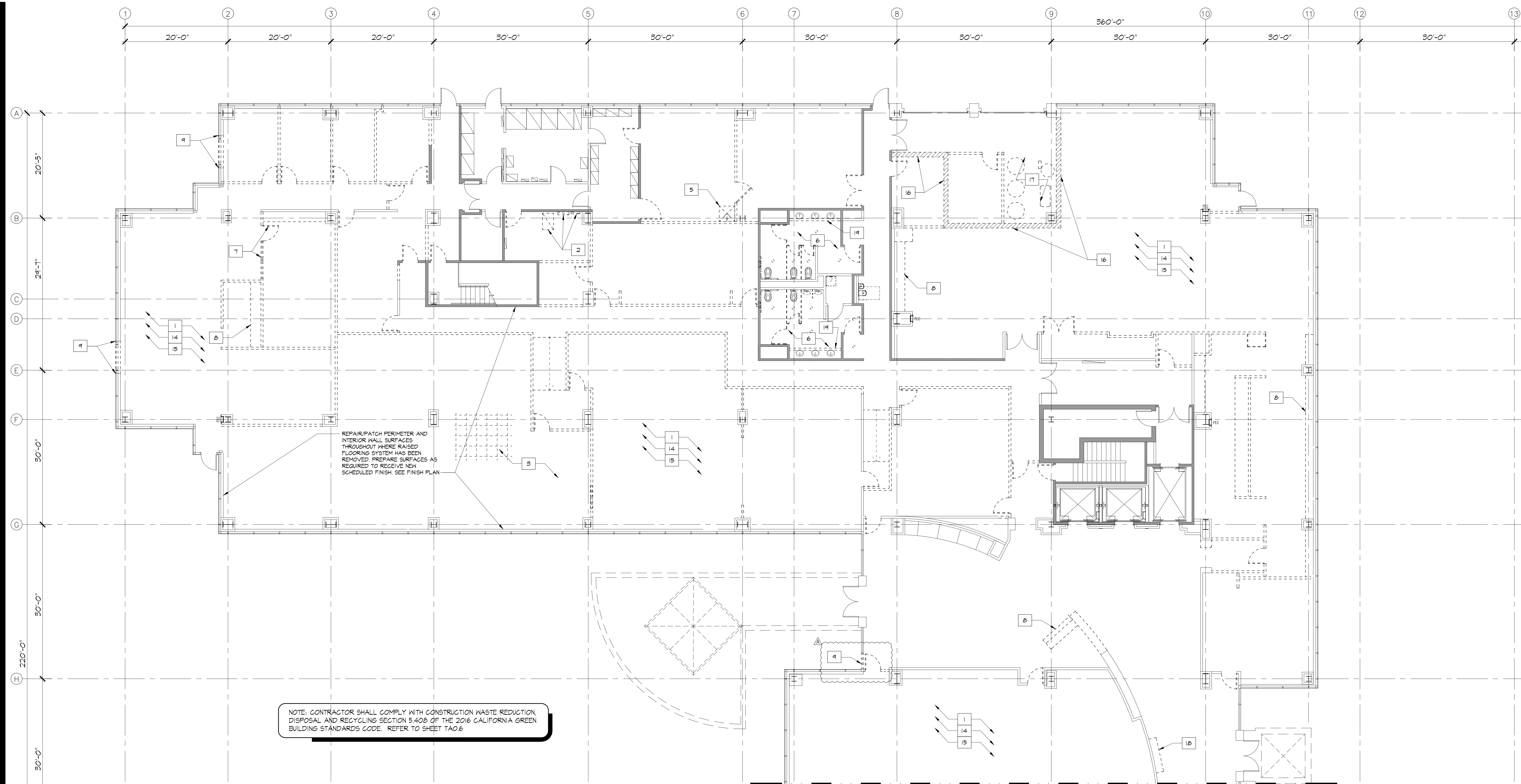
drawn by

project no 18-66-60

date

scale

TA2.3



1st FLOOR DEMOLITION PLAN - NORTH WING
SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

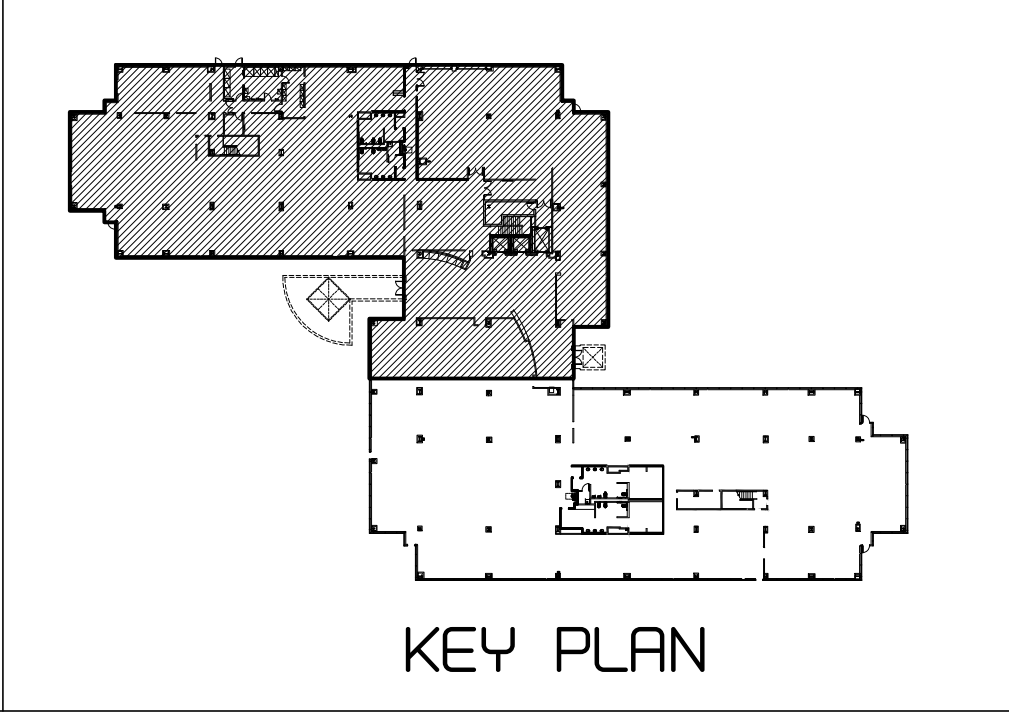
- REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
- PROTECT EXISTING BUILDING DURING DEMOLITION.
- CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF BUILDING DURING DEMOLITION AND RENOVATION.
- PROTECT EXISTING FACILITIES, EQUIPMENT, FIXTURES, ETC., THAT ARE TO REMAIN FROM DAMAGE DURING DEMOLITION AND RENOVATION.
- REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
- ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF THE WORK SHALL BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
- DEMOLITION OF EXISTING WALLS AND/OR STRUCTURES, DOOR, WINDOW, MILLWORK OR EQUIPMENT AS INDICATED BY DASHED LINES MAY REQUIRE THE REMOVAL OF ELECTRICAL, H.V.A.C., PLUMBING, EQUIPMENT, ETC. DEMOLITION IS MEANT TO INCLUDE REMOVAL OF ALL SUCH MATERIALS EITHER KNOWN OR UNKNOWN.
- CONTACT LOCAL UTILITIES AS REQUIRED DURING DEMOLITION.
- KEEP ALL SALVAGEABLE ITEMS AND COORDINATE WITH TENANT AND LANDLORD BEFORE DISPOSING.
- REMOVE EXISTING FLOOR AND HALL FINISHES AND PREPARE SURFACES TO RECEIVE NEW SCHEDULED FINISH. SEE FINISH PLAN THROUGHOUT, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DEMO. IN AREA OF DEMOLITION/CONSTRUCTION.
- REMOVE EXISTING ACOUSTICAL TILE/GYPSUM BOARD CEILING SYSTEM AND LIGHT FIXTURES THROUGHOUT UNLESS OTHERWISE NOTED. COORDINATE WITH LANDLORD AND TENANT BEFORE DISPOSING.
- REMOVE ALL EXISTING POWER/DATA THROUGHOUT AREA OF WORK, PATCH AND REPAIR AS REQUIRED.
- REMOVE EXISTING PLUMBING FIXTURE(S) AND CAP/REMOVE PLUMBING LINES AS REQUIRED THROUGHOUT UNLESS OTHERWISE NOTED.
- REMOVE MILLWORK THROUGHOUT UNLESS OTHERWISE NOTED.
- REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
- EXISTING FIRE SPRINKLERS, DRAFTSTOP(S), ROOF ACCESS LADDER, AND MAJOR HVAC SYSTEM COMPONENTS TO REMAIN, UNLESS NOTED OTHERWISE.
- ANY STRUCTURAL COLUMNS THAT BECOME EXPOSED DURING DEMO, MUST BE MAINTAINED AS IS.
- EXISTING FIRE SPRINKLER SYSTEM TO REMAIN OPERABLE AT ALL TIME.
- ALL WORK TO COMPLY WITH IBC # FIGC 2014-0411
- EXISTING ELECTRICAL ROOM, SUBPANEL(S) / SWITCHBOARDS TO REMAIN, UNLESS NOTED OTHERWISE.
- EXISTING ACCESSIBLE RESTROOMS TO REMAIN AS IS, UNLESS NOTED OTHERWISE.
- PROJECT IS FOR INTERIOR DEMOLITION OF NON BEARING WALLS, CEILINGS, AND FINISHES ONLY.
- INCLUDES SOME MINOR EXTERIOR SITE, BUILDING SHELL ENVELOPE, EXTERIOR EQUIPMENT OR EXTERIOR FINISHES.
- DOES NOT INCLUDE REPAIR EXTERIOR REFINISHING OR ANY NEW CONSTRUCTION.
- CONTRACTOR WILL RECOGNIZE THAT A PORTION OF THE EXISTING BUILDING IS OCCUPIED BY OTHER TENANTS. CONTRACTOR WILL COORDINATE THE DEMOLITION / SHUTOFF OF EXISTING UTILITIES WITH THE EXISTING TENANTS SO AS TO MINIMIZE DISRUPTION TO THEIR DAILY OPERATIONS.

DEMOLITION KEYNOTES NOTES

- EXISTING FLOOR SLAB OF WHOLE AREA OF NEW SCOPE OF WORK SHALL BE CLEANED FROM ANY DEBRIS, OLD FLOORING MATERIALS, PROTRUDING AND ABANDONED EQUIPMENT. ANGLED DAMAGED CONCRETE DEBRIS. PREPARE FLOOR TO RECEIVE LEVELING COMPOUND TO FILL VOIDS, SPALLED CONCRETE, AND UNEVENNESS OF FLOOR.
- REMOVE EXISTING ELECTRICAL PANELS.
- REMOVE EXISTING RAISED FLOOR SYSTEM THROUGHOUT EXCEPT WHERE NOTED OTHERWISE.
- REMOVE EXISTING RAMP AND HANDRAILS.
- REMOVE EXISTING EMERGENCY EYEWASH/SAFETY SHOWER STATION AND FLOOR DRAIN.
- REMOVE ALL EXISTING PLUMBING FIXTURES, TOILET COMPARTMENTS AND ACCESSORIES, WALL AND FLOOR TILE FINISHES THROUGHOUT AND REPLACE WITH NEW. REMOVE EXISTING COUNTERTOP FINISH. SALVAGE STRUCTURAL FRAMEWORK OF COUNTER IF POSSIBLE AND PREP FOR NEW COUNTER FINISH PER FINISH SCHEDULE. REMOVE ALL EXISTING LIGHT FIXTURES AND REPLACE WITH NEW.
- REMOVE EXISTING "MERCURITE" DOOR/SIDELIGHT OR GLASS PARTITION.
- REMOVE EXISTING CABINETRY/MILLWORK.
- DEMO. PORTION OF EXISTING INTERIOR WALL OR EXTERIOR STOREFRONT WINDOW SYSTEM FOR NEW DOOR OPENING PER PARTITION PLAN.
- EXISTING FIRE EXTINGUISHER CABINET TO BE SALVAGED AND RELOCATED AS REQUIRED.
- REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER CABINET. REPAIR WALL AS REQUIRED.
- DEMO. EXISTING SHOWER STALLS
- REMOVE EXISTING LOCKERS
- REMOVE EXISTING SUSPENDED T-BAR CEILING SYSTEM, HARDLID CEILING AND SOFFIT THROUGHOUT, UNLESS NOTED OTHERWISE.
- REMOVE EXISTING FLOOR FINISH THROUGHOUT, UNLESS NOTED OTHERWISE. PREPARE SURFACE FOR NEW FLOOR FINISH.
- DEMO. EXISTING CONCRETE BLOCK WALL IF POSSIBLE, CONTRACTOR TO VERIFY.
- REMOVE ALL EXISTING EQUIPMENT, PIPING, ELEC. PANELS/CONDUIT, ETC. IN LOADING DOCK AREA.
- EXISTING DISPLAY CABINET TO BE REMOVED. CONTRACTOR TO VERIFY WOOD PANELING EXIST BEHIND CABINET. IF NOT, PROVIDE AND INSTALL TO MATCH WITH EXISTING.
- DEMO. EXISTING LIGHT TROUGH AND ALL RELATED ITEMS ABOVE RESTROOM COUNTER.

DEMOLITION LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION, UNLESS NOTED OTHERWISE.
- EXISTING SHELL INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING 2-HOUR RATED MIN. INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING 1-HOUR RATED INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING TWO-HOUR RATED BUILDING FLOOR-TO-DECK SHAFTS TO REMAIN.
- WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR J-BOX. ANY PLUMBING LINES IF ANY, GAP TO NEAREST POSSIBLE LOCATION.



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ADD-A / PC CORRECTION	

sheet title

1st FLOOR DEMOLITION PLAN - NORTH WING

drawn by

project no 18-66-60

date

scale

TA3.0.1

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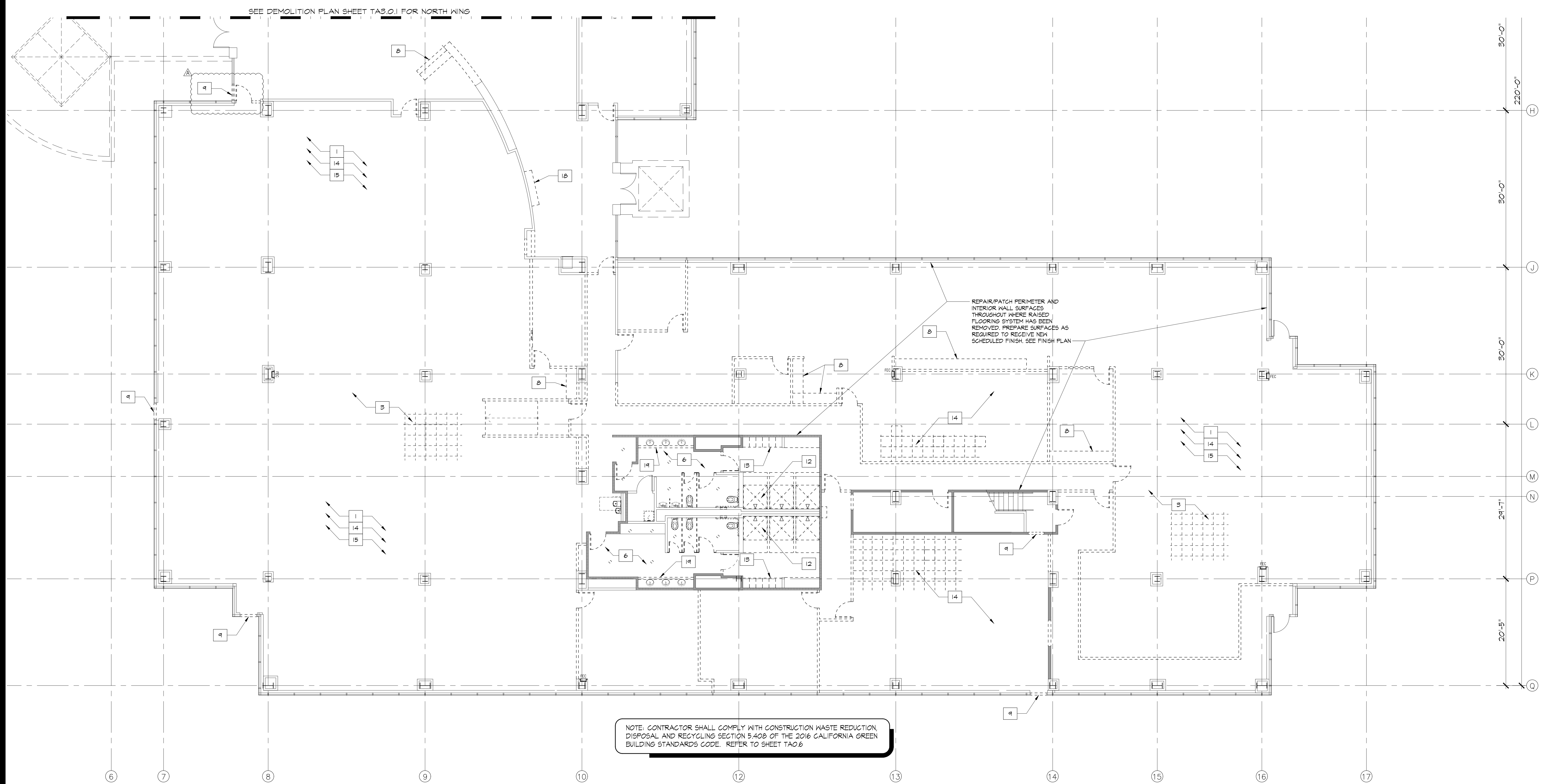
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△	BID ISSUE	02/24/20
△	ADD-A / PC CORRECTION	-

sheet title

1st FLOOR DEMOLITION PLAN - SOUTH WING

drawn by
project no 18-66-60
date
scale

TA3.0.2



1st FLOOR DEMOLITION PLAN - SOUTH WING SCALE: 1/8" = 1'-0" A

DEMOLITION GENERAL NOTES

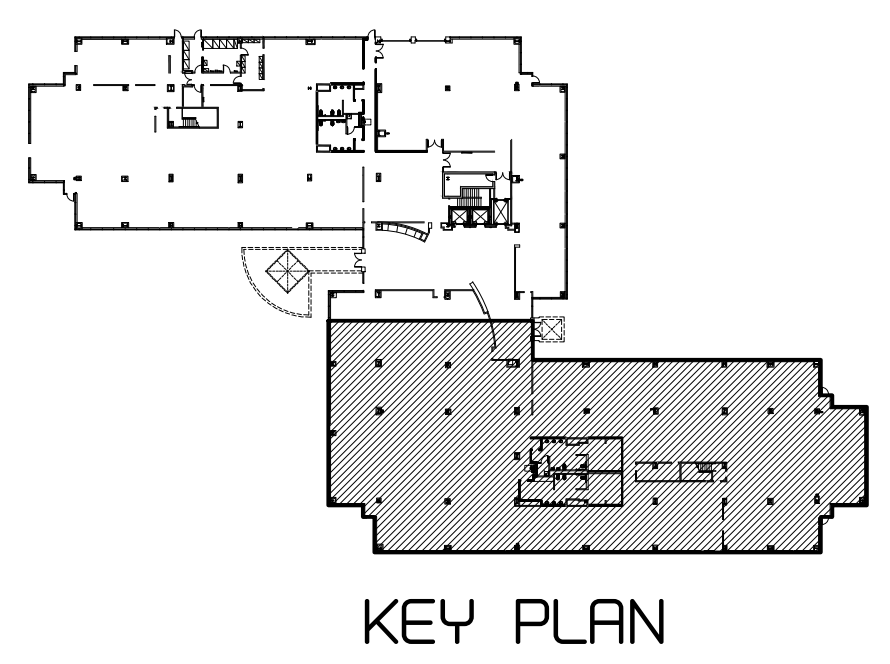
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- PROTECT EXISTING BUILDING DURING DEMOLITION.
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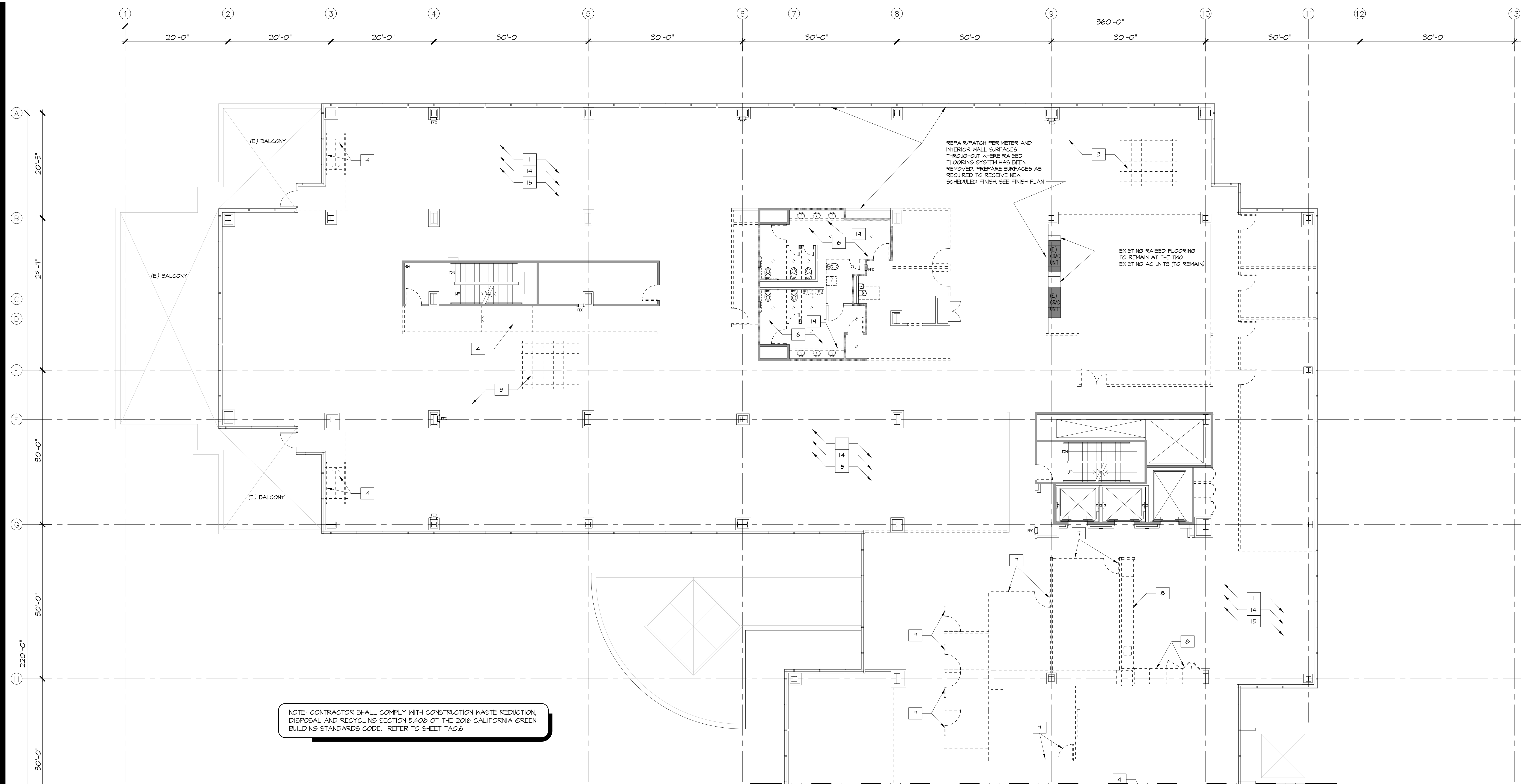
DEMOLITION KEYNOTES NOTES

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2	REMOVE EXISTING ELECTRICAL PANELS.	19	DEMO EXISTING LIGHT TROUGH AND ALL RELATED ITEMS ABOVE RESTROOM COUNTER.
3	REMOVE EXISTING RAISED FLOOR SYSTEM THROUGHOUT EXCEPT WHERE NOTED OTHERWISE.		
4	REMOVE EXISTING RAMP AND HANDRAILS.		
5	REMOVE EXISTING EMERGENCY EYEWASH/SAFETY SHOWER STATION AND FLOOR DRAIN.		
6	REMOVE ALL EXISTING PLUMBING FIXTURES, TOILET COMPARTMENTS AND ACCESSORIES, WALL AND FLOOR TILE FINISHES THROUGHOUT AND REPLACE WITH NEW. REMOVE EXISTING COUNTERTOP FINISH. SALVAGE STRUCTURAL FRAMEWORK OF COUNTER IF POSSIBLE AND PREP FOR NEW COUNTER FINISH PER FINISH SCHEDULE. REMOVE ALL EXISTING LIGHT FIXTURES AND REPLACE WITH NEW.		
7	REMOVE EXISTING "MERCURITE" DOOR/SIDE LIGHT OR GLASS PARTITION.		
8	REMOVE EXISTING CABINETRY/MILLWORK.		
9	DEMO PORTION OF EXISTING INTERIOR WALL OR EXTERIOR STOREFRONT WINDOW SYSTEM FOR NEW DOOR OPENING PER PARTITION PLAN.		
10	EXISTING FIRE EXTINGUISHER CABINET TO BE SALVAGED AND RELOCATED AS REQUIRED.		
11	REMOVE AND SALVAGE EXISTING FIRE EXTINGUISHER CABINET. REPAIR WALL AS REQUIRED.		
12	DEMO EXISTING SHOWER STALLS		
13	REMOVE EXISTING LOCKERS		
14	REMOVE EXISTING SUSPENDED T-BAR CEILING SYSTEM, HARDLID CEILING AND SOFFIT THROUGHOUT, UNLESS NOTED OTHERWISE.		
15	REMOVE EXISTING FLOOR FINISH THROUGHOUT, UNLESS NOTED OTHERWISE. PREPARE SURFACE FOR NEW FLOOR FINISH.		
16	DEMO EXISTING CONCRETE BLOCK WALL IF POSSIBLE, CONTRACTOR TO VERIFY.		
17	REMOVE ALL EXISTING EQUIPMENT, PIPING, ELEC. PANELS/CONDUIT, ETC. IN LOADING DOCK AREA.		

DEMOLITION LEGEND

	EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION, UNLESS NOTED OTHERWISE.
	EXISTING SHELL INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
	EXISTING 2-HOUR RATED MIN. INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
	EXISTING 1-HOUR RATED INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
	EXISTING TWO-HOUR RATED BUILDING FLOOR-TO-DECK SHAFTS TO REMAIN.
	WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR JUNCTION BOX. ANY PLUMBING LINES IF ANY, CAP TO NEAREST POSSIBLE LOCATION.





NOTE: CONTRACTOR SHALL COMPLY WITH CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING SECTION 5.409 OF THE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE. REFER TO SHEET TA0.6

SEE DEMOLITION PLAN SHEET TA3.0.4 FOR SOUTH WING

2nd FLOOR DEMOLITION PLAN - NORTH WING

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

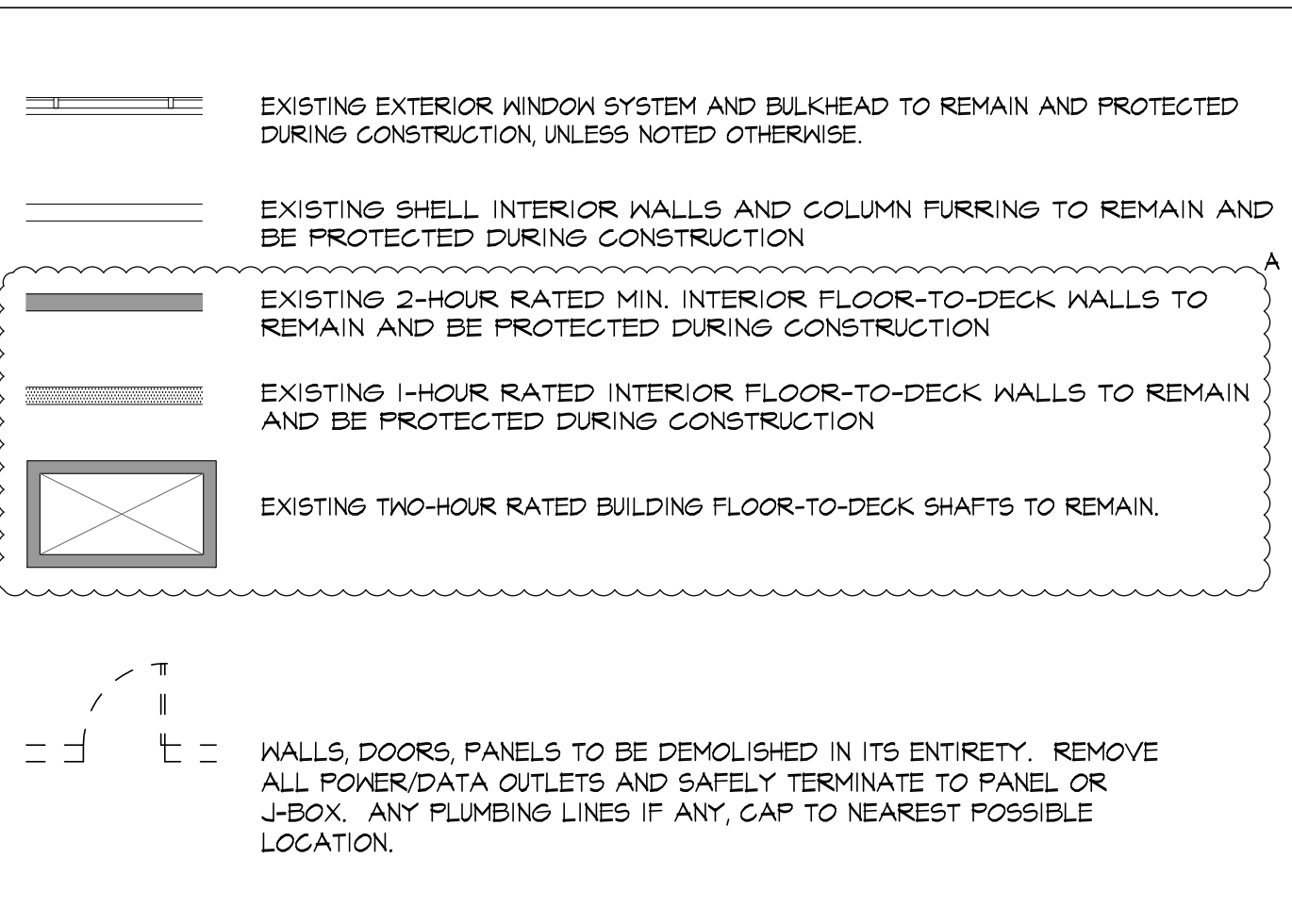
DEMOLITION GENERAL NOTES

- REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT.
- PROTECT EXISTING BUILDING DURING DEMOLITION.
- CONTRACTOR TO BE RESPONSIBLE FOR SECURITY OF BUILDING DURING DEMOLITION AND RENOVATION.
- PROTECT EXISTING FACILITIES, EQUIPMENT, FIXTURES, ETC., THAT ARE TO REMAIN FROM DAMAGE DURING DEMOLITION AND RENOVATION.
- REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT DOCUMENTED ON THESE DRAWINGS OR OBSERVED TO BE DIFFERENT THAN THOSE SHOWN ON THE DRAWINGS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO COMMENCING WORK.
- ALL DAMAGED SURFACES AND/OR FINISHES AS A RESULT OF THE WORK SHALL BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
- DEMOLITION OF EXISTING WALLS AND/OR STRUCTURES, DOOR, WINDOW, MILLWORK OR EQUIPMENT AS INDICATED BY DASHED LINES MAY REQUIRE THE REMOVAL OF ELECTRICAL, H.V.A.C., PLUMBING, EQUIPMENT, ETC. DEMOLITION IS MEANT TO INCLUDE REMOVAL OF ALL SUCH MATERIALS EITHER KNOWN OR UNKNOWN.
- CONTACT LOCAL UTILITIES AS REQUIRED DURING DEMOLITION.
- KEEP ALL SALVAGEABLE ITEMS AND COORDINATE WITH TENANT AND LANDLORD BEFORE DISPOSING.
- REMOVE EXISTING FLOOR AND HALL FINISHES AND PREPARE SURFACES TO RECEIVE NEW SCHEDULED FINISH, SEE FINISH PLAN THROUGHOUT, UNLESS NOTED OTHERWISE.
- GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DEMO. IN AREA OF DEMOLITION/CONSTRUCTION.
- REMOVE EXISTING ACOUSTICAL TILE/GYPSUM BOARD CEILING SYSTEM AND LIGHT FIXTURES THROUGHOUT UNLESS OTHERWISE NOTED. COORDINATE WITH LANDLORD AND TENANT BEFORE DISPOSING.
- REMOVE ALL EXISTING POWER/DATA THROUGHOUT AREA OF WORK, PATCH AND REPAIR AS REQUIRED.
- REMOVE EXISTING PLUMBING FIXTURE(S) AND CAP/REMOVE PLUMBING LINES AS REQUIRED THROUGHOUT UNLESS OTHERWISE NOTED.
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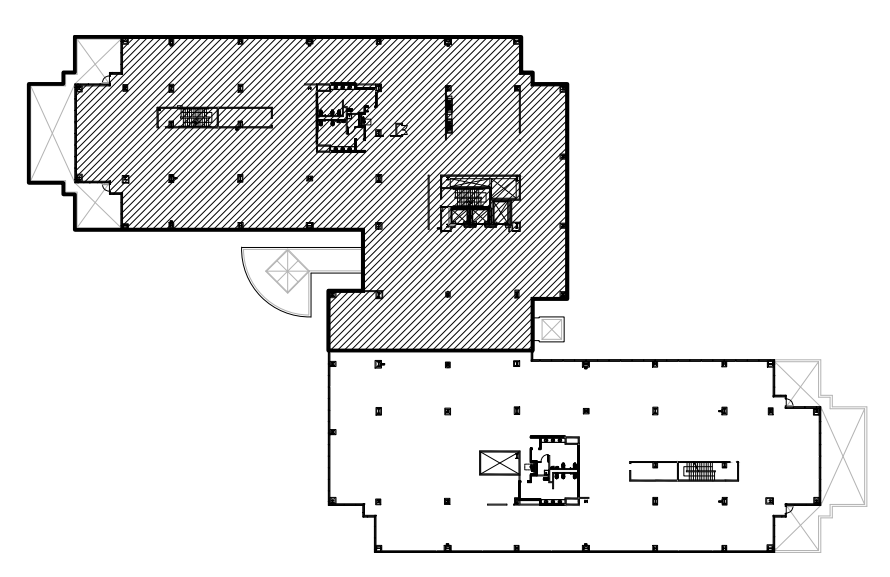
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DEMOLITION LEGEND



WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR J-BOX. ANY PLUMBING LINES IF ANY, CAP TO NEAREST POSSIBLE LOCATION.



KEY PLAN

pk:a architecture

5166 Lincoln Drive, Suite 110
Agoura Hills, California 91301
V: 818.551.0057 F: 818.551.0019
www.pkarchitecture.net

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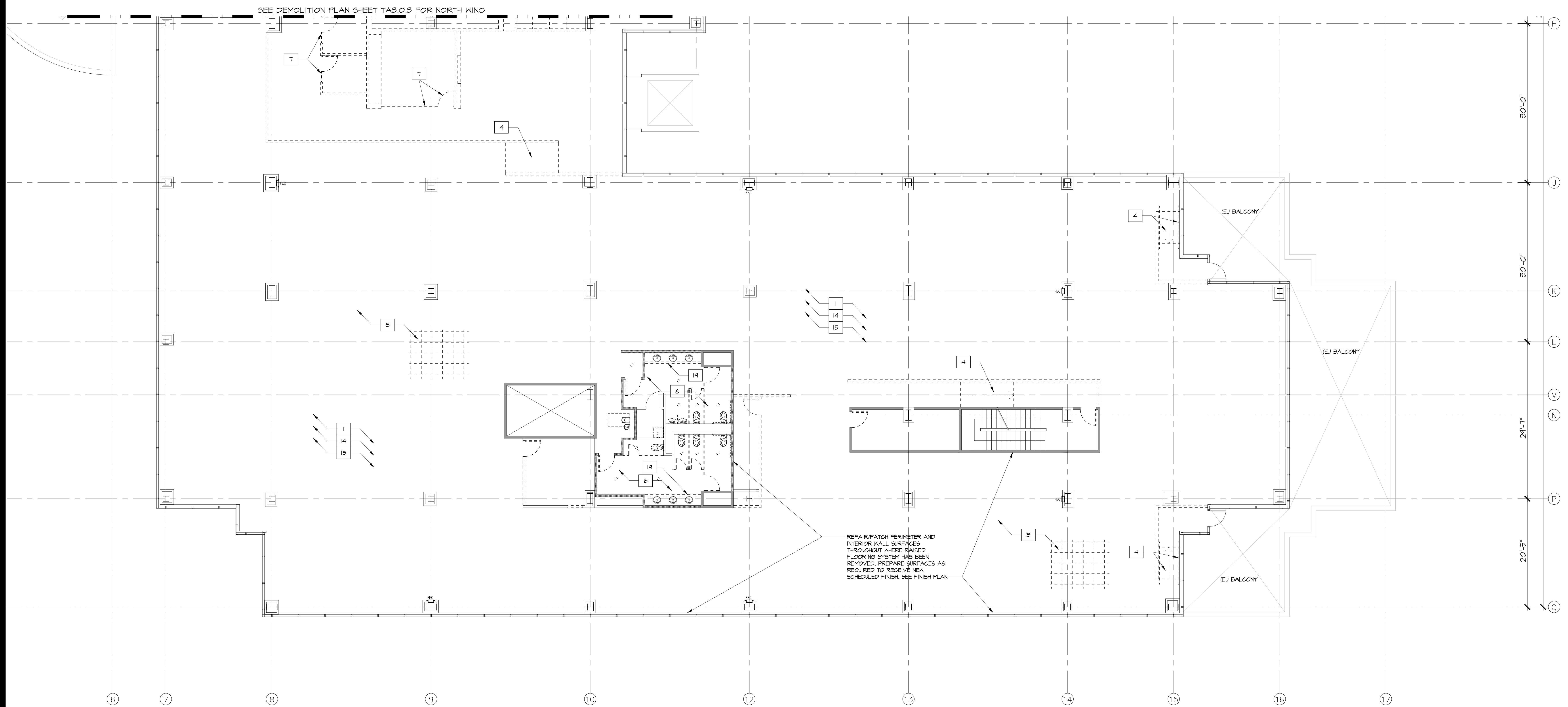
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2nd FLOOR DEMOLITION PLAN - NORTH WING

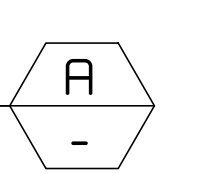
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project no 18-66-60
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2nd FLOOR DEMOLITION PLAN - SOUTH WING

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



DEMOLITION GENERAL NOTES

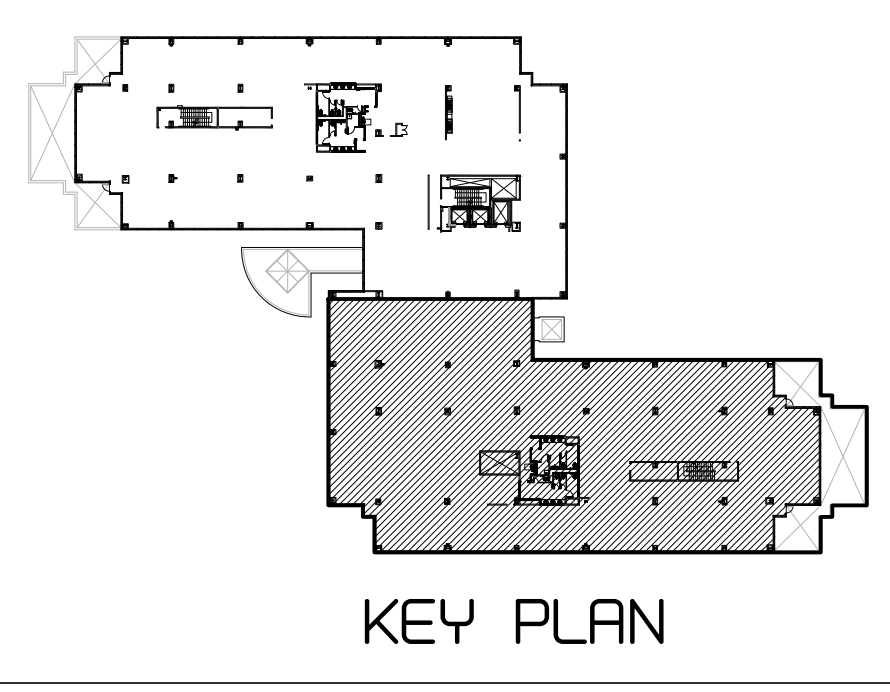
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DEMOLITION LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION, UNLESS NOTED OTHERWISE.
- EXISTING SHELL INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING 2-HOUR RATED MIN. INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING 1-HOUR RATED INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING TWO-HOUR RATED BUILDING FLOOR-TO-DECK SHAFTS TO REMAIN.
- WALLS, DOORS, PANELS TO BE DEMOLISHED IN ITS ENTIRETY. REMOVE ALL POWER/DATA OUTLETS AND SAFELY TERMINATE TO PANEL OR J-BOX. ANY PLUMBING LINES IF ANY, GAP TO NEAREST POSSIBLE LOCATION.



pk:a architecture

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Agoura Hills, California 91301
V: 818.551.0057 F: 818.551.0019
www.pkarchitecture.net

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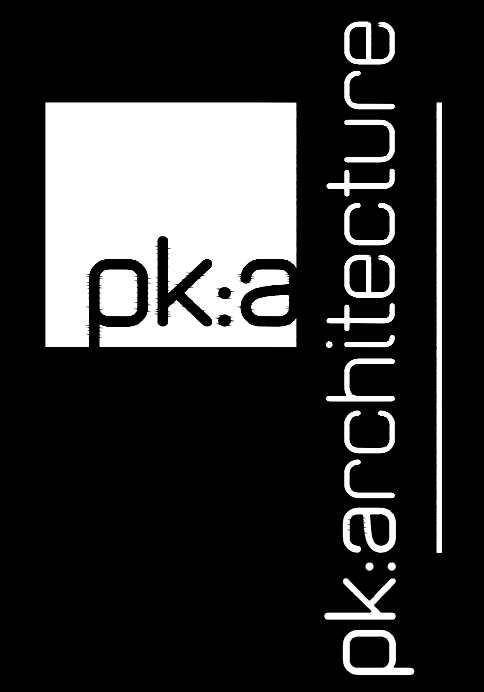
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2nd FLOOR DEMOLITION PLAN - SOUTH WING

drawn by
project no 18-66-60
date
scale

TA3.0.4



5166 Leichard Drive, Suite 110
Escondido, CA 92029
V: 858-591-0057 F: 858-591-0059
www.pk-a.com

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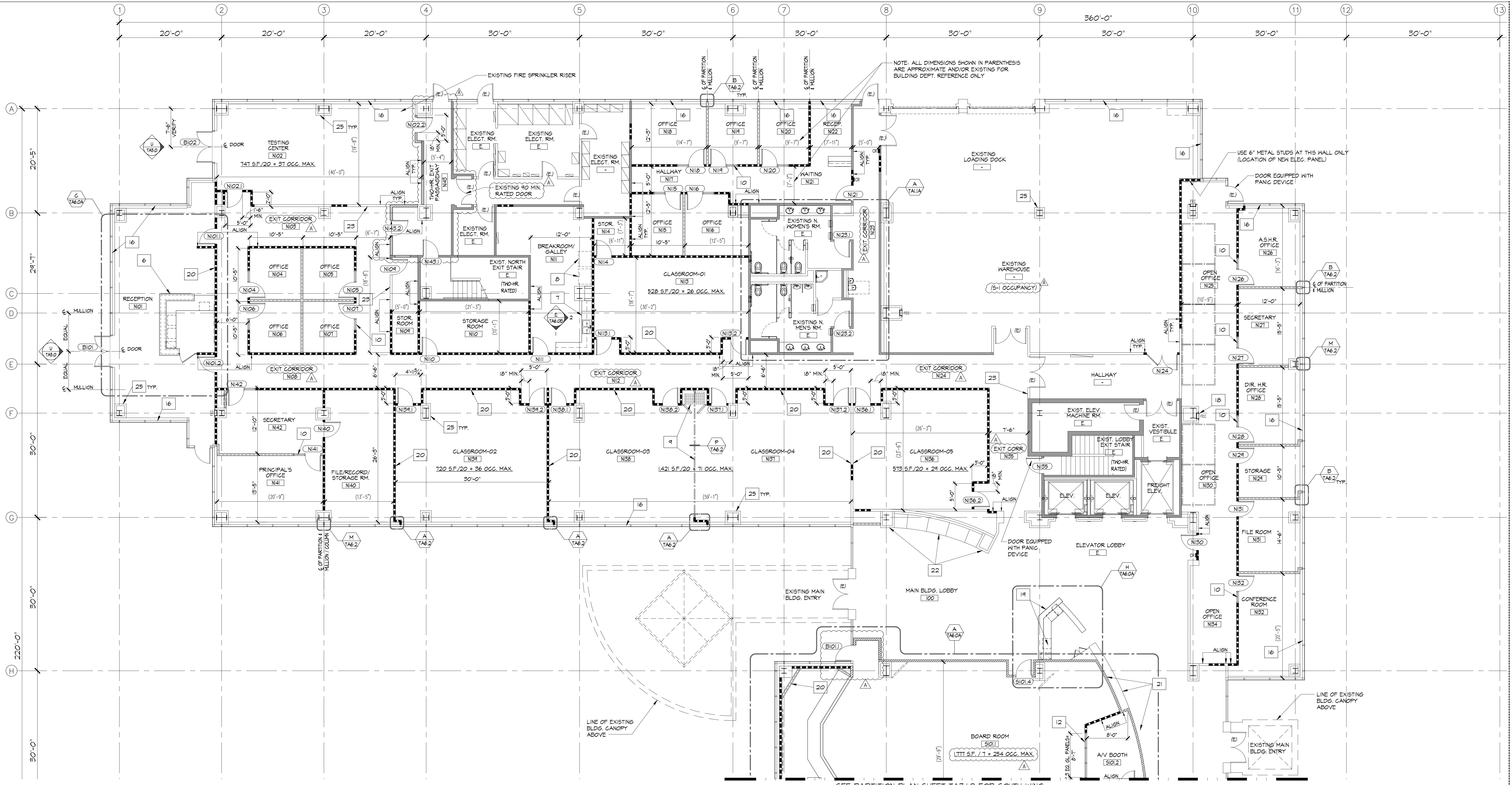
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1st FLOOR PARTITION PLAN - NORTH WING

drawn by
project no 18-66.60
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scale

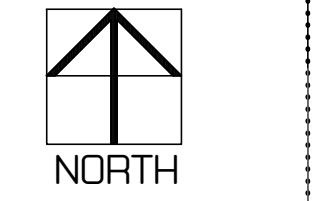
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SEE PARTITION PLAN SHEET TA3.1.2 FOR SOUTH WING

1st FLOOR PARTITION PLAN - NORTH WING

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



GENERAL NOTES

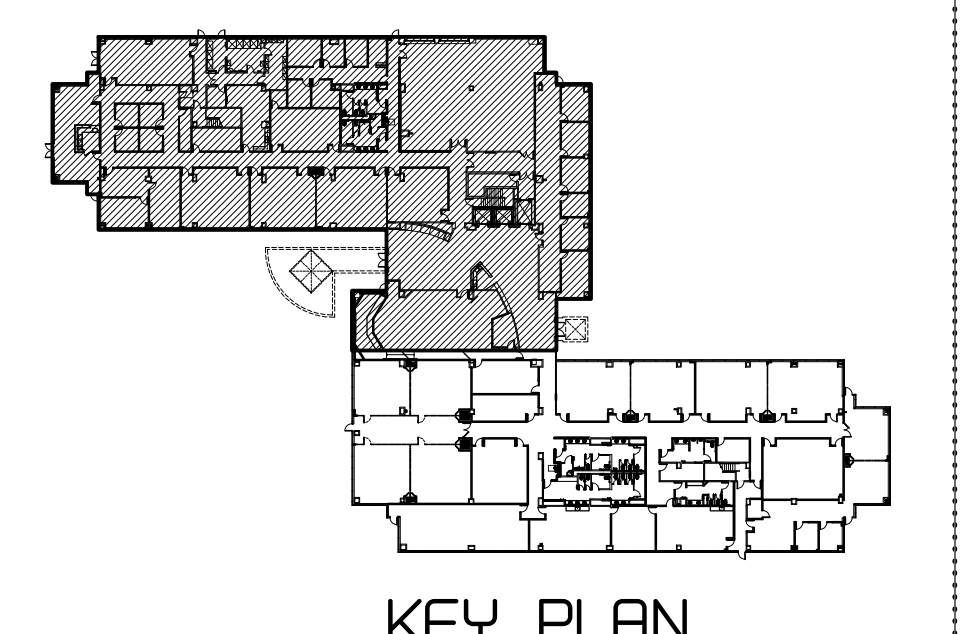
- GENERAL AND ALL SUBCONTRACTORS TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMITTING BIDS AND STARTING ANY WORK.
- ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT CALIFORNIA BUILDING CODE AND MATERIALS USED UNLESS OTHERWISE NOTED. CONTRACTORS TO PROTECT ALL EXISTING CONDITIONS AS REQUIRED AND REPAIR ALL DAMAGES CAUSED BY DEMOLITION OR NEW CONSTRUCTION.
- OPENING IN FIRE RATED WALLS REQUIRING PROTECTED OPENING SHALL HAVE A RATING IN THE FOLLOWING LOCATIONS.
 - ABOVE CORRIDOR CEILING WHICH ARE NOT PART OF THE FIRE RESISTIVE ASSEMBLY.
 - BELOW ANY CEILING. (CBC 716)
- CONSTRUCTION JOINTS IN FIRE-RATING WALLS REQUIRED TO HAVE PROTECTION OPENINGS OR IN FLOORS SHALL BE PROTECTED BY MATERIALS HAVING AN EQUIVALENT FIRE RATING. SUCH MATERIAL SHALL CONFORM WITH CBC SECTION 715.
- FIRE DOORS AND FIRE DAMPERS SHALL BE LABELED OR OTHERWISE IDENTIFIED AS TO THE FIRE PROTECTION RATING SHALL BE FABRICATED AND INSTALLED IN AN APPROVED MANNER. (CBC 713.2.1)
- FIRE AND SMOKE DAMPERS ARE REQUIRED IN THE FOLLOWING LOCATIONS:
 - DUCTS PENETRATING THE CEILING OF A FIRE-RESISTIVE FLOOR - OR ROOF-ASSEMBLY.
 - DUCTS PENETRATING FIRE-RATED CORRIDOR WALLS. (CBC 717.5.1)
- A CLASS II FLAME RATING FOR INTERIOR FINISHES OF EXIT CORRIDORS AND A CLASS III FLAME RATING FOR INTERIOR FINISHES AT ROOMS. (CBC 609.11)
- CONTRACTOR TO FIELD VERIFY THE CURRENT LEVEL OF FIRE LIFE SAFETY SYSTEM INSTALLED IN THE BUILDING AND INSTALL AS REQUIRED AN EQUIVALENT SYSTEM TO MATCH. SYSTEMS MUST BE INTER-CONNECTED THROUGHOUT THE BUILDING.
- A FINAL REPORT FOR TESTING AND ADJUSTING OF ALL NEW SYSTEM SHALL BE COMPLETED PRIOR TO ISSUANCE OF PERMIT. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES. (O.410.4.4)
- ALL JOINTS, PENETRATIONS AND ANY OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT INFILTRATION AND EXFILTRATION.
- ALL ATTACHMENTS TO BUILDING STRUCTURAL MEMBERS THAT DISTURBS THE EXISTING SPRAY FIREPROOFING TO BE REPAIRED. A THIRD PARTY DEPUTY INSPECTION WILL BE REQUIRED FOR ALL SPRAY FIREPROOFING REPAIRS.

PARTITION PLAN KEY NOTES

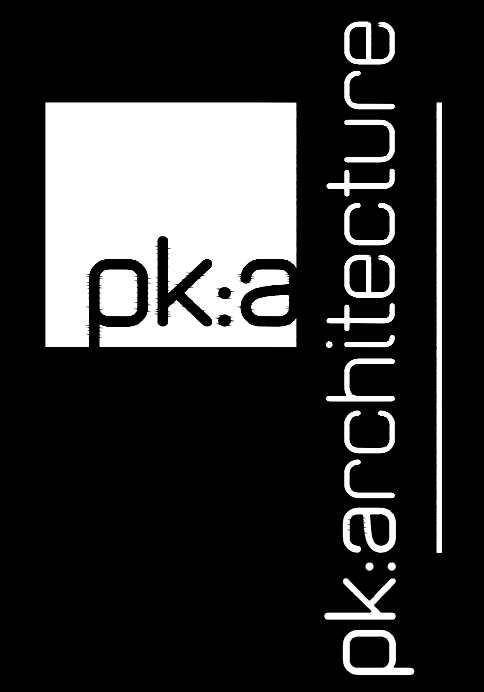
- CONTRACTOR TO FIELD VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
- ALL DIMENSIONS ARE TO BE TAKEN FROM FACE OF FINISH UNO, SEE PLANS AND WALL DETAILS.
- ALL PARTITIONS / WORK SURFACES SHALL BE CONSTRUCTED PARALLEL TO COLUMN GRID OR EXTERIOR WINDOWS UNO, DIMENSIONED ON PLAN.
- CONTRACTOR TO VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO PRIGNS.
- CUBICLES ARE TO BE SUPPLIED AND INSTALLED BY FURNITURE VENDOR. CONTRACTOR TO PROVIDE HARDWARE HOOK-UP FOR ELEC./ TELE./ DATA TYPICAL.
- BUILT-IN ADA ACCESSIBLE RECEPTION COUNTER AT RECEPTION-N101, SEE ENLARGED PLAN DETAIL C/TAB.0A
- NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN BREAK ROOM. SEE DETAIL E/TAB.0B
- LOCATION OF TENANT-PROVIDED REFRIGERATORS (SIZE TO BE DETERMINED)
- *MODERNFOLD* OPERABLE PARTITION SYSTEM, SEE DETAIL P/TAB.2
 - ACOUSTI-SEAL PAIRED PANEL SYSTEM W/ PASS DOOR WHERE REQUIRED
 - MODEL: ACQUSTI-SEAL ENCORE 36 STC
 - 4" PANEL THICKNESS
 - EXPANDABLE CLOSURE
 - VINYL FINISH
 - AUTOMATIC BOTTOM SEAL FOLDING PARTITION SYSTEM
 - HANGING HEIGHT: 11.8 LB/50. FT
- NEW 1" THICK CLEAR TEMPERED GLASS SIGHTLIGHT FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" FRAMES, SEE DETAILS C/TAB.2 & D/TAB.2
- NEW PLASTIC LAMINATE LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN CLASSROOMS-5126 & 5-128. SEE DETAIL B/TAB.0B
- NEW WINDOW FROM 42" A.F.F. TO DOOR HEAD HEIGHT AT A/V BOOTH ROOM, SEE DETAIL H/TAB.2
- PROVIDE TACTILE "EXIT" SIGN AT DOOR, SEE DETAIL T/TAB.0
- PROVIDE TACTILE "EXIT ROUTE" SIGN AT DOOR, SEE DETAIL U/TAB.0
- NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN STAFF LOUNGE-N206. SEE DETAIL H/TAB.0B

WALL LEGEND

###	DOOR IDENTIFICATION, REFER TO DOOR SCHEDULE SHEET TAB.0 & TAB.1		EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
OR	DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.C.) TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM (WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TAB.0 & TAB.1 FOR ADDITIONAL INFORMATION		EXISTING SHELL INTERIOR WALLS AND COLUMN FURRINGS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
FC	EXISTING RECESSED FIRE EXTINGUISHER CABINET (RELOCATE AS REQUIRED)		EXISTING 2-HOUR RATED MIN. INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
(E)	EXISTING TO REMAIN		EXISTING 1-HOUR RATED INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
	INACTIVE DOOR LEAF		EXISTING 2-HOUR RATED BUILDING FLOOR-TO-DECK SHAFTS TO REMAIN
	ACTIVE DOOR LEAF		FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWARE HOOK-UP FOR ELEC./ TELE./ DATA, TYPICAL.
	NEW FULL-HEIGHT SOUND PARTITION - 3/4" TYPE "X" GYP. BD. EACH SIDE OF 3 3/4" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION		NEW PARTITION - 3/4" TYPE "X" GYP. BD. EACH SIDE OF 3 3/4" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12' ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION
	NEW PARTITION - 1/2" TYPE "X" GYP. BD. EACH SIDE OF 6' X 10 GA. METAL STUD FROM FINISH FLOOR TO GYP. BD. CEILING HT. (TUNNEL CONSTRUCTION WITH SOUND ATTENUATION BATT INSULATION)		NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF 3/4" TYPE "X" GYP. BD. EACH SIDE OF 3 3/4" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION
	NEW FULL-HEIGHT PERIMETER TOILET PARTITION 5/8" X 20 GA. METAL STUDS @ 24" O.C.		NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 5/8" X 20 GA. METAL STUDS @ 24" O.C.
	NEW LOW PARTITION WITH TUBE STEEL SUPPORTS		



KEY PLAN



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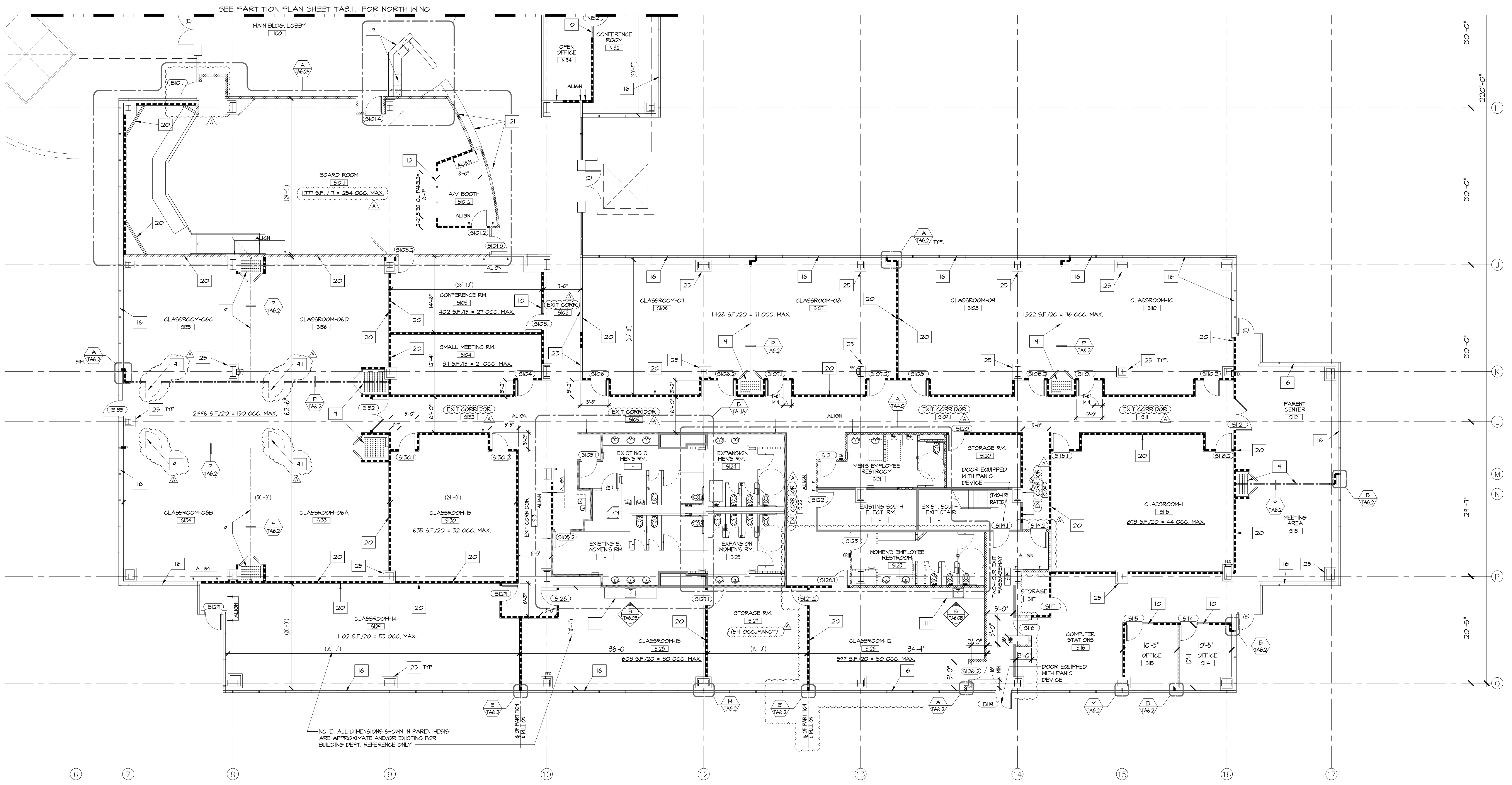
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date
scale

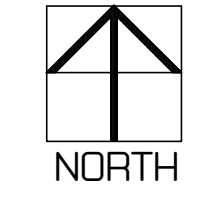
TA3.1.2



NOTE: ALL DIMENSIONS SHOWN IN PARENTHESES ARE APPROXIMATE AND/OR EXISTING FOR BUILDING DEPT. REFERENCE ONLY.

1st FLOOR PARTITION PLAN - SOUTH WING

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



GENERAL NOTES

- GENERAL AND ALL SUBCONTRACTORS TO VERIFY ALL EXISTING FIELD CONDITIONS PRIOR TO SUBMITTING BIDS AND STARTING ANY WORK.
- ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT CALIFORNIA BUILDING CODE AND MATERIALS USED UNLESS OTHERWISE NOTED. CONTRACTORS TO PROTECT ALL EXISTING CONDITIONS AS REQUIRED AND REPAIR ALL DAMAGES CAUSED BY DEMOLITION OR NEW CONSTRUCTION.
- OPENING IN FIRE RATED WALLS REQUIRING PROTECTED OPENING SHALL HAVE A RATING IN FIRE RATED WALLS WHICH ARE NOT PART OF THE FIRE RESISTIVE ASSEMBLY.
 - A. ABOVE CORRIDOR CEILING WHICH ARE NOT PART OF THE FIRE RESISTIVE ASSEMBLY.
 - B. BELOW ANY CEILING. (CBC 716)
- CONSTRUCTION JOINTS IN FIRE-RATING WALLS REQUIRED TO HAVE PROTECTION OPENINGS OR IN FLOORS SHALL BE PROTECTED BY MATERIALS HAVING AN EQUIVALENT FIRE RATING. SUCH MATERIAL SHALL CONFORM WITH CBC SECTION 715.
- FIRE DOORS AND FIRE DAMPERS SHALL BE LABELED OR OTHERWISE IDENTIFIED AS TO THE FIRE PROTECTION RATING SHALL BE INSTALLED IN ACCORDANCE WITH THEIR LISTING. FIRE DAMPERS SHALL BE FABRICATED AND INSTALLED IN AN APPROVED MANNER. (CBC 717.2.1)
- FIRE AND SMOKE DAMPERS ARE REQUIRED IN THE FOLLOWING LOCATIONS:
 - A. DUCTS PENETRATING THE CEILING OF A FIRE-RESISTIVE FLOOR - OR ROOF-ASSEMBLY.
 - B. DUCTS PENETRATING FIRE-RATED CORRIDOR WALLS. (CBC 717.5.1)
- A CLASS II FLAME RATING FOR INTERIOR FINISHES OF EXIT CORRIDORS AND A CLASS III FLAME RATING FOR INTERIOR FINISHES AT ROOMS. (CBC 909.11)
- CONTRACTOR TO FIELD VERIFY THE CURRENT LEVEL OF FIRE LIFE SAFETY SYSTEM INSTALLED IN THE BUILDING AND INSTALL AS REQUIRED AN EQUIVALENT SYSTEM TO MATCH. SYSTEMS MUST BE INTER-CONNECTED THROUGHOUT THE BUILDING.
- A FINAL REPORT FOR TESTING AND ADJUSTING OF ALL NEW SYSTEM SHALL BE COMPLETED PRIOR TO ISSUANCE OF PERMIT. THIS REPORT SHALL BE SIGNED BY THE INDIVIDUAL RESPONSIBLE FOR PERFORMING THESE SERVICES. (0.410.4.4)
- ALL JOINTS, PENETRATIONS AND ANY OTHER OPENINGS IN THE BUILDING ENVELOPE SHALL BE SEALED TO LIMIT INFILTRATION AND EXFILTRATION.
- ALL ATTACHMENTS TO BUILDING STRUCTURAL MEMBERS THAT DISTURBS THE EXISTING SPRAY FIREPROOFING TO BE REPAIRED. A THIRD PARTY DEPUTY INSPECTION WILL BE REQUIRED FOR ALL SPRAY FIREPROOFING REPAIRS.

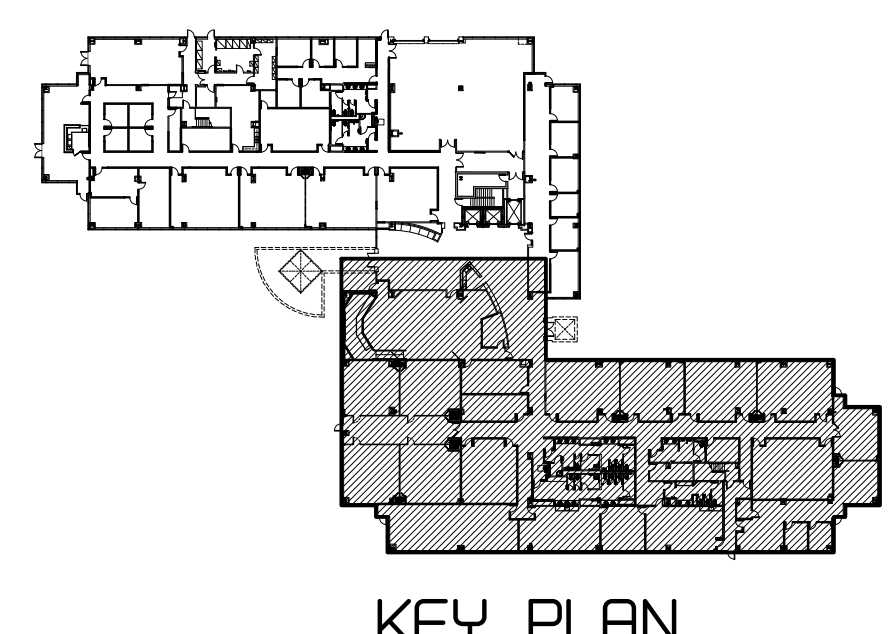
PARTITION PLAN KEY NOTES

- CONTRACTOR TO FIELD VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY BEFORE COMMENCING ANY WORK.
- ALL DIMENSIONS ARE TO BE TAKEN FROM FACE OF FINISH UNO, SEE PLANS AND WALL DETAILS.
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- BUILT-IN ADA ACCESSIBLE RECEPTION COUNTER AT RECEPTION-NOI, SEE ENLARGED PLAN DETAIL C/TA6.0A
- NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN BREAK ROOM. SEE DETAIL E/TA6.0B
- LOCATION OF TENANT-PROVIDED REFRIGERATORS (SIZE TO BE DETERMINED)
- "MODERNFOLD" OPERABLE PARTITION SYSTEM, SEE DETAIL P/TA6.2
- ACOUSTI-SEAL PAIRED PANEL SYSTEM W/ PASS DOOR WHERE REQUIRED
- MODEL: ACQUITI-SEAL, ENGINE 36 STC
- 4" PANEL THICKNESS
- EXPANDABLE CLOSURE
- VINYL FINISH
- AUTOMATIC BOTTOM SEAL FOLDING PARTITION SYSTEM
- HANGING HEIGHT: 11.8 LBS/50 FT.
- SINGLE PASS DOOR WITH MATCHING OPERABLE PARTITION PANEL CONSTRUCTION AND A.D.A. COMPLIANT PANIC HARDWARE.
- NEW 1/2" THICK CLEAR TEMPERED GLASS SIDELIGHT FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" FRAMES, SEE DETAILS C/TA6.2 & D/TA6.2
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- NEW WINDOW FROM 42" A.F.F. TO DOOR HEAD HEIGHT AT AVV BOOTH ROOM, SEE DETAIL H/TA6.2
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- PROVIDE TACTILE "EXIT ROUTE" SIGN AT DOOR, SEE DETAIL U/TA6.0
- NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN STAFF LOUNGE-N206. SEE DETAIL H/TA6.0B

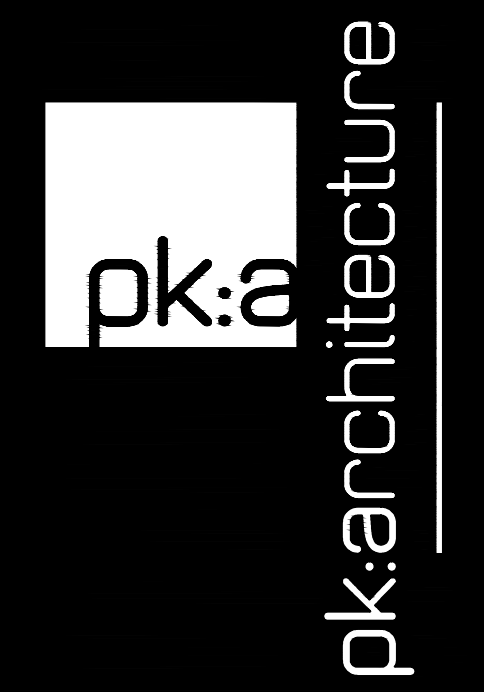
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- 17 NEW TEMPERED GLASS FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" C-SERIES FRAMES AT DIR. OFFICE-S211, SEE DETAIL D/TA6.2
- 18 EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINETS TO REMAIN OR RELOCATE AS REQUIRED AND TO BE INSPECTED FOR COMPLIANCE
- 19 BUILT-IN EXISTING MAIN LOBBY RECEPTION DESK TO BE MODIFIED, SEE DETAIL H/TA6.0A
- 20 PROVIDE BACKING IN WALL FOR WALL MOUNTED FLAT SCREEN TELEVISION. CONTRACTOR TO VERIFY WITH TENANT FOR EXACT LOCATION.
- 21 EXISTING CASEWORK AND WOOD PANELING WITH REVEALS TO REMAIN, UNLESS NOTED OTHERWISE.
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- 23 CONTRACTOR TO VERIFY THAT EXISTING PARTITION AND COLUMN FURRING IN ONE-HOUR RATED CORRIDOR ARE CONSTRUCTED TO THE UNDERSIDE OF STRUCTURE ABOVE AND MODIFY AS REQUIRED PER DETAIL K/TA6.1
- 24 PROVIDE ALTERNATE PRIGNS TO RE-USE ALL EXISTING RESTROOM FACETS, DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS, MIRRORS ARE TO BE RE-USED AT ALL E.
- 25 PROVIDE METAL 1/4MOLD AT TOP EDGE OF EXISTING GYP. BD. COLUMN FURRING THROUGHOUT EXPOSED STRUCTURE (NO FINISH CEILING) AREAS. PAINT METAL 1/4MOLD TO MATCH GYP. BD.

WALL LEGEND

- ### DOOR IDENTIFICATION, REFER TO DOOR SCHEDULE SHEET TA5.0 & TA5.1
- CR DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.C. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION
- F.C. EXISTING RECESSED FIRE EXTINGUISHER CABINET (RELOCATE AS REQUIRED)
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- NEW PARTITION - 3/4" TYPE "X" GYP. BD. EACH SIDE OF 6" X 18 GA. METAL STUD FROM FINISH FLOOR TO GYP. BD. CEILING HT. (TUNNEL CONSTRUCTION WITH SOUND ATTENUATION BATT INSULATION)
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KEY PLAN



5166 Lechman Drive, Suite 110
Escondido, California 92029
P: 858-551-0057 F: 858-551-0019
www.pkaarchitecture.net

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

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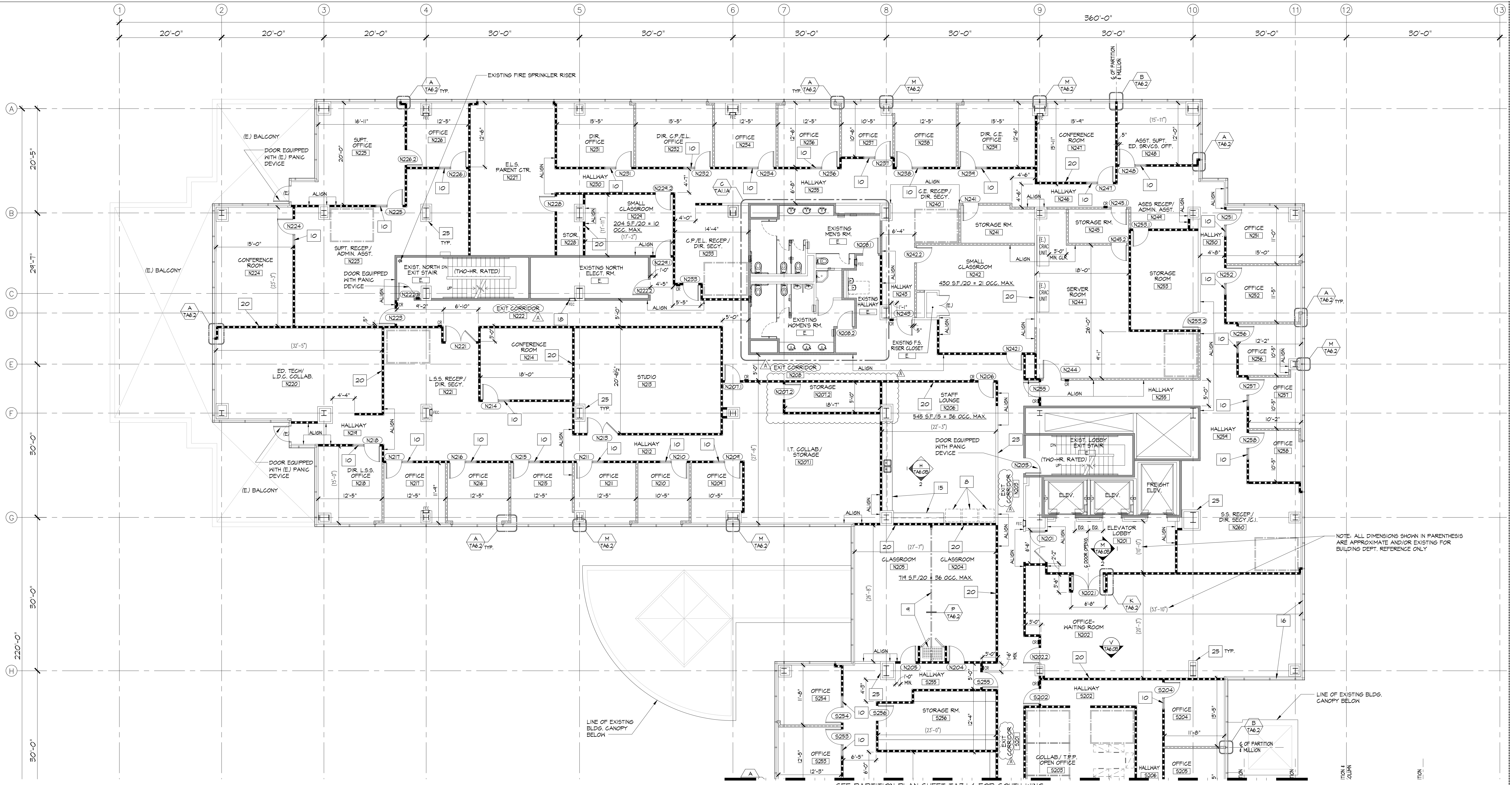
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BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title

2nd FLOOR PARTITION PLAN - NORTH WING

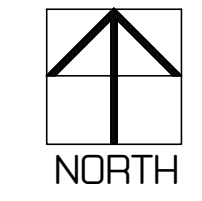
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2nd FLOOR PARTITION PLAN - NORTH WING

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



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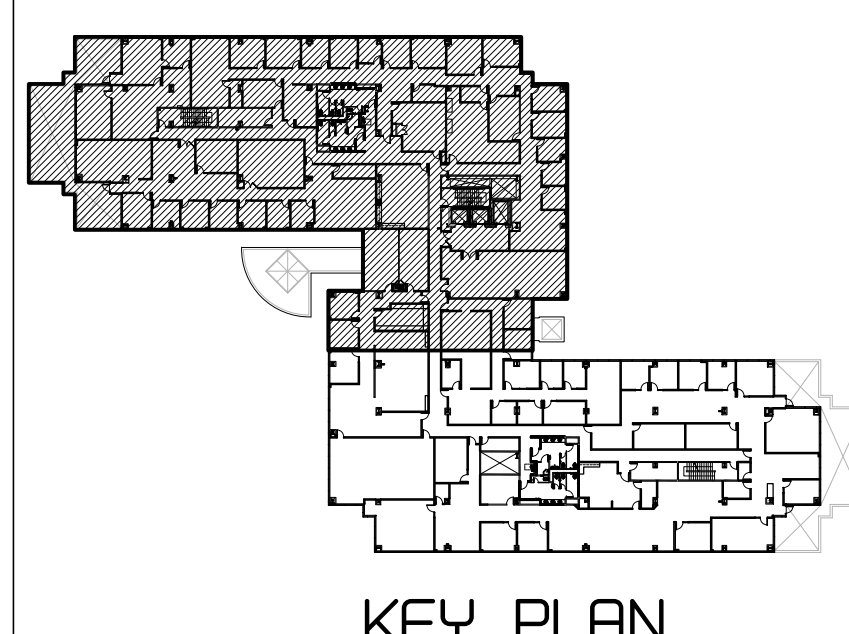
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 - c) 4" PANEL THICKNESS
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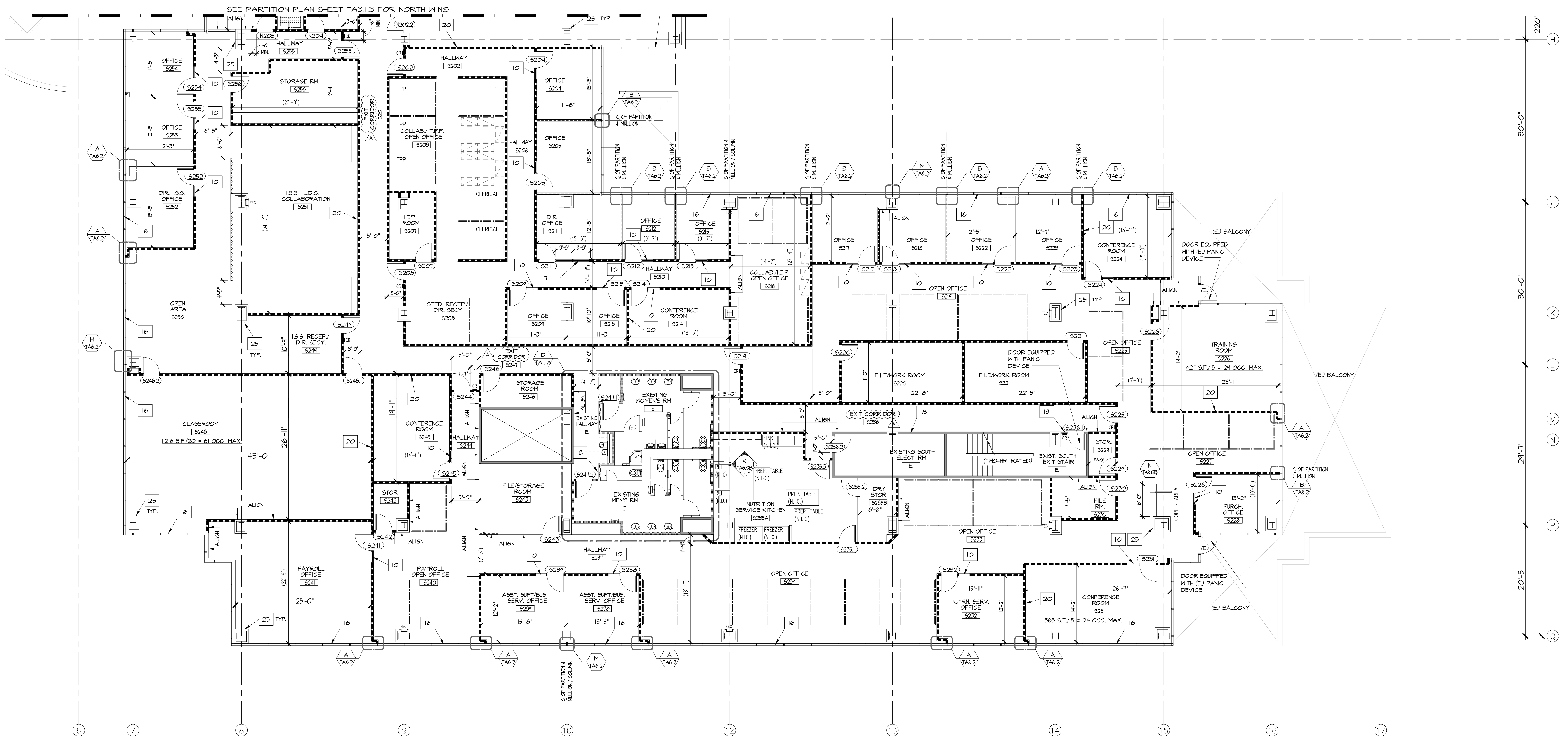


KEY PLAN

Table with 2 columns: remarks, date. Includes entries for PROGRESS SET, PLAN CHECK SUBMIT, BID ISSUE, and ADD-A / PC CORRECTION.

Table with 2 columns: sheet title, date. Includes entries for 2nd FLOOR PARTITION PLAN - SOUTH WING, drawn by, project no, date, and scale.

2nd FLOOR PARTITION PLAN - SOUTH WING
TA3.1.4



2nd FLOOR PARTITION PLAN - SOUTH WING

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

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- 10. NEW 1" THICK CLEAR TEMPERED GLASS SIGHTLIGHT FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" FRAMES, SEE DETAILS G/TA6.2 & D/TA6.2
- 11. NEW PLASTIC LAMINATE LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN CLASSROOMS-5126 & 5128. SEE DETAIL B/TA6.0B
- 12. NEW WINDOW FROM 42" A.F.F. TO DOOR HEAD HEIGHT AT A/V BOOTH ROOM. SEE DETAIL H/TA6.2
- 13. PROVIDE TACTILE "EXIT" SIGN AT DOOR. SEE DETAIL T/TA6.0
- 14. PROVIDE TACTILE "EXIT ROUTE" SIGN AT DOOR. SEE DETAIL U/TA6.0
- 15. NEW PLASTIC LAMINATE UPPER AND LOWER CABINET WITH STAINLESS STEEL SINK, HOT/COLD WATER IN STAFF LOUNGE-N206. SEE DETAIL H/TA6.0B

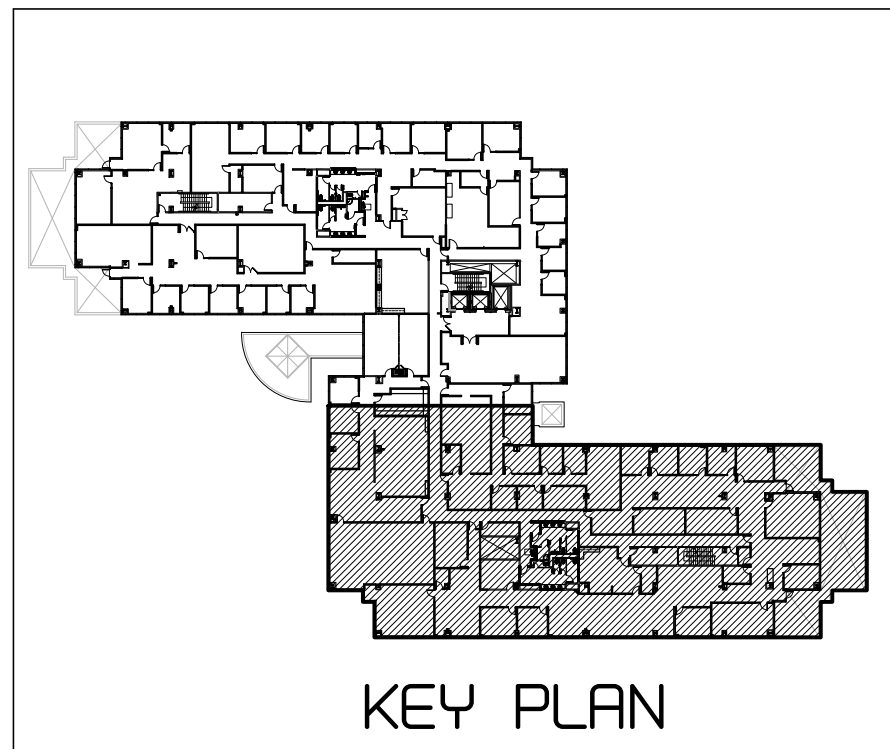
WALL LEGEND

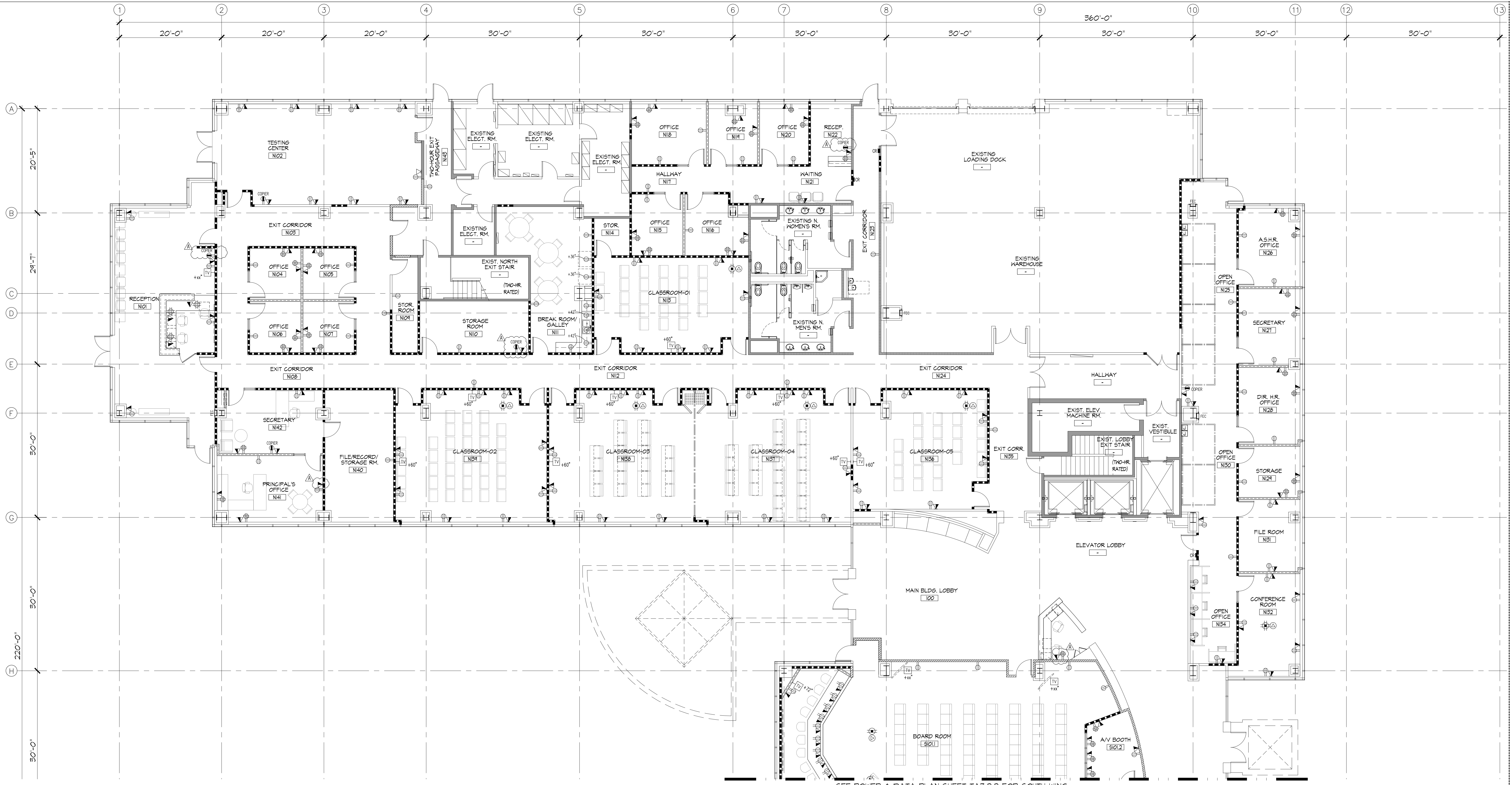
- 16 EXISTING WINDOW COVERING TO REMAIN THROUGHOUT, CLEAN / REPAIR AS REQUIRED.
- 17 NEW TEMPERED GLASS FROM FLOOR TO DOOR HEAD HEIGHT IN PRE-FINISHED BLACK "TIMELY" G-SERIES FRAMES AT DIR. OFFICE-501, SEE DETAIL D/TA6.2
- 18 EXISTING SEMI-RECESSED FIRE EXTINGUISHER CABINETS TO REMAIN OR RELOCATE AS REQUIRED AND TO BE INSPECTED FOR COMPLIANCE
- 19 BUILT-IN EXISTING MAIN LOBBY RECEPTION DESK TO BE MODIFIED, SEE DETAIL H/TA6.0A
- 20 PROVIDE BACKINGS IN WALL FOR WALL MOUNTED FLAT SCREEN TELEVISION. CONTRACTOR TO VERIFY WITH TENANT FOR EXACT LOCATION.
- 21 EXISTING CASEWORK AND WOOD PANELING WITH REVEALS TO REMAIN, UNLESS NOTED OTHERWISE.
- 22 EXISTING BANQUETTE AND WOOD paneled CASEWORK TO REMAIN, UNLESS NOTED OTHERWISE.
- 23 CONTRACTOR TO VERIFY THAT EXISTING PARTITION AND COLUMN FURRING IN ONE-HOUR RATED CORRIDOR ARE CONSTRUCTED TO THE UNDERSIDE OF STRUCTURE ABOVE AND MODIFY AS REQUIRED PER DETAIL K/TA6.1
- 24 PROVIDE ALTERNATE PRIGNS TO SA... RE-USE ALL EXISTING RESTROOM FACETS, COMB... DISPENSERS, PAPER TOWEL DISPENSERS, GRAB BARS... MIRRORS ARE TO BE RE-USED AT ALL E. **NOT APPLICABLE**
- 25 PROVIDE TACTILE "MOLD" AT TOP EDGE OF EXISTING GYP. BD. COLUMN FURRING THROUGHOUT EXPOSED STRUCTURE (NO FINISH CEILING) AREAS. PAINT MOLD "MOLD" TO MATCH GYP. BD.

WALL LEGEND

- ### DOOR IDENTIFICATION, REFER TO DOOR SCHEDULE SHEET TAS.0 & TA5.1
- OR DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.C.) TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM (WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TAS.0 & TA5.1 FOR ADDITIONAL INFORMATION
- E.C. EXISTING RECESSED FIRE EXTINGUISHER CABINET (RELOCATE AS REQUIRED)
- (E) EXISTING TO REMAIN
- INACTIVE DOOR LEAF
- ACTIVE DOOR LEAF
- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
- EXISTING SHELL INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING 2-HOUR RATED MIN. INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING 1-HOUR RATED INTERIOR FLOOR-TO-DECK WALLS TO REMAIN AND BE PROTECTED DURING CONSTRUCTION
- EXISTING TWO-HOUR RATED BUILDING FLOOR-TO-DECK SHAFTS TO REMAIN.
- FURNITURE PARTITION SYSTEM BY TENANT. CONTRACTOR TO PROVIDE HARDWARE HOOK-UP FOR ELEC./ TELE./ DATA, TYPICAL.
- NEW FULL-HEIGHT SOUND PARTITION - 3/8" TYPE "X" GYP. BD. EACH SIDE OF 3 3/8" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-15 SOUND ATTENUATION BATT INSULATION
- NEW PARTITION - 3/8" TYPE "X" GYP. BD. EACH SIDE OF 3 3/8" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-15 SOUND ATTENUATION BATT INSULATION
- NEW PARTITION - 3/8" TYPE "X" GYP. BD. EACH SIDE OF 6" X 18 GA. METAL STUD FROM FINISH FLOOR TO GYP. BD. CEILING HT. (TUNNEL CONSTRUCTION WITH SOUND ATTENUATION BATT INSULATION)
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF 3/8" TYPE "X" GYP. BD. EACH SIDE OF 3 3/8" X 20 GAUGE METAL STUDS AND R-15 SOUND ATTENUATION BATT INSULATION.
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 5/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 5/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS

NEW FULL-HEIGHT TWO-HOUR RATED PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF 3/8" TYPE "X" GYP. BD. EACH SIDE OF 3 3/8" X 20 GAUGE METAL STUDS AND R-15 SOUND ATTENUATION BATT INSULATION

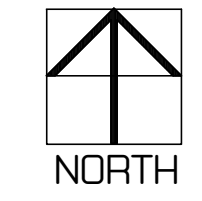





SEE POWER & DATA PLAN SHEET TA3.2.2 FOR SOUTH WING

1st FLOOR POWER/DATA PLAN - NORTH WING

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



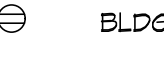
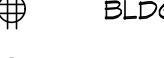
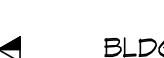
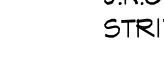
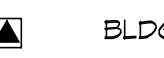
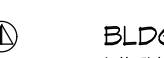
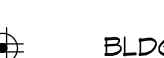

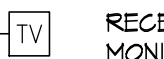
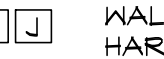
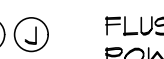
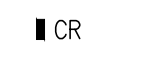
POWER / DATA PLAN GENERAL NOTES

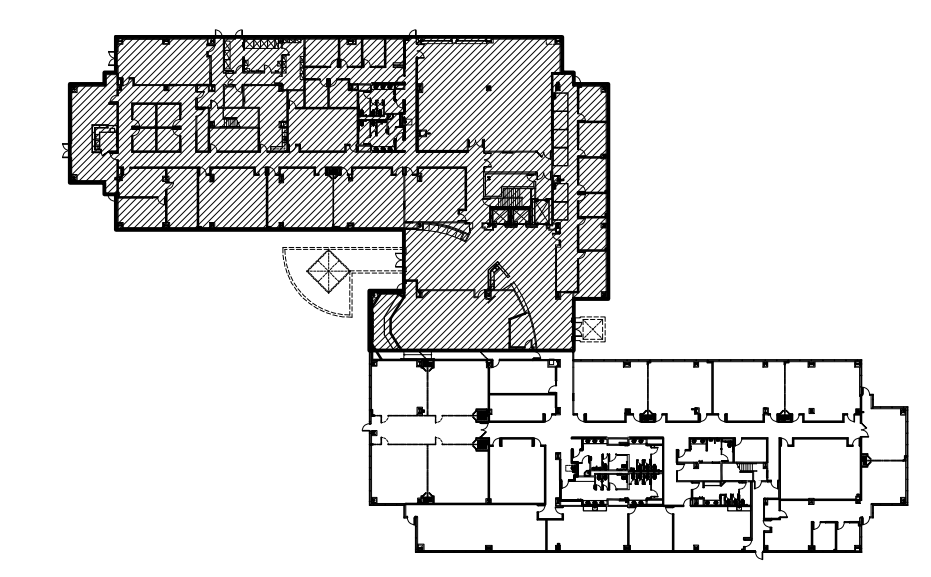
- ALL POWER OUTLETS ARE 120V UNLESS NOTED OTHERWISE; ALL ETHERNET CABLES TO BE CAT6a.
- CONTRACTOR TO VERIFY AND CONFIRM WITH TENANT THE FINAL LOCATIONS AND QUANTITY OF ALL ELECTRICAL REQUIREMENTS.
- LOCATE ELEC. OUTLETS PER A.D.A. REQ'TS.
- ALL J-BOX AND FLOOR MOUNTMENT LOCATIONS TO BE VERIFIED WITH TENANT AND/OR TENANT'S FURNITURE VENDOR.
- ALL ELECTRICAL TO BE ISOLATED AND GROUNDED.
- ALL NEW OUTLET BOXES TO BE PROVIDED PER DETAIL 
- ELEC. / TELE / DATA OUTLETS SHOWN ARE NEW, RE-USE EXISTING WHEREVER POSSIBLE.

POWER / DATA KEY NOTES

- VERIFY WITH TENANT VENDOR REGARDING SECURITY ACCESS AT NEW DOORS INDICATED.
- CONFIRM WITH TENANT'S VENDOR REGARDING SECURITY ACCESS AT ALL EXISTING STAIRWAY DOORS TO SUITE.
- FINAL APPROVAL OF FLOOR CORE LOCATIONS TO BE VERIFIED/APPROVED BY TENANT/FURNITURE VENDOR PRIOR TO CORING, NO EXCEPTIONS.

POWER / DATA LEGEND

-  BLDG. STD. WALL MOUNTED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
-  BLDG. STD. WALL MOUNTED FOURPLEX ELECTRICAL OUTLET AT 18" A.F.F., U.N.O.
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-  BLDG. STD. IN-CEILING DATA OUTLET
-  BLDG. STD. FLOOR MOUNTED FLUSH DATA/TELEPHONE OUTLET WITH 3/4" CONDUIT, U.N.O.
-  BLDG. STD. FLOOR MOUNTED FLUSH FOUR-PLEX ELECTRICAL OUTLET
-  BLDG. STD. FLOOR MOUNTED FLUSH DUPLEX ELECTRICAL OUTLET
-  RECESSED AUDIO VISUAL BOX WITH ELECTRICAL AND DATA CONNECTIONS FOR TELEVISION MONITOR
-  WALL MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWARE OF TELE/DATA TO TENANT'S FURNITURE PARTITION SYSTEM, CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR. CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
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-  DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.G. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION



KEY PLAN

pk:a architecture

5166 Lincoln Drive, Suite 110
Escondido, California 92029
V: 858-858-0057 F: 858-858-0058
www.pkarchitecture.net

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1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

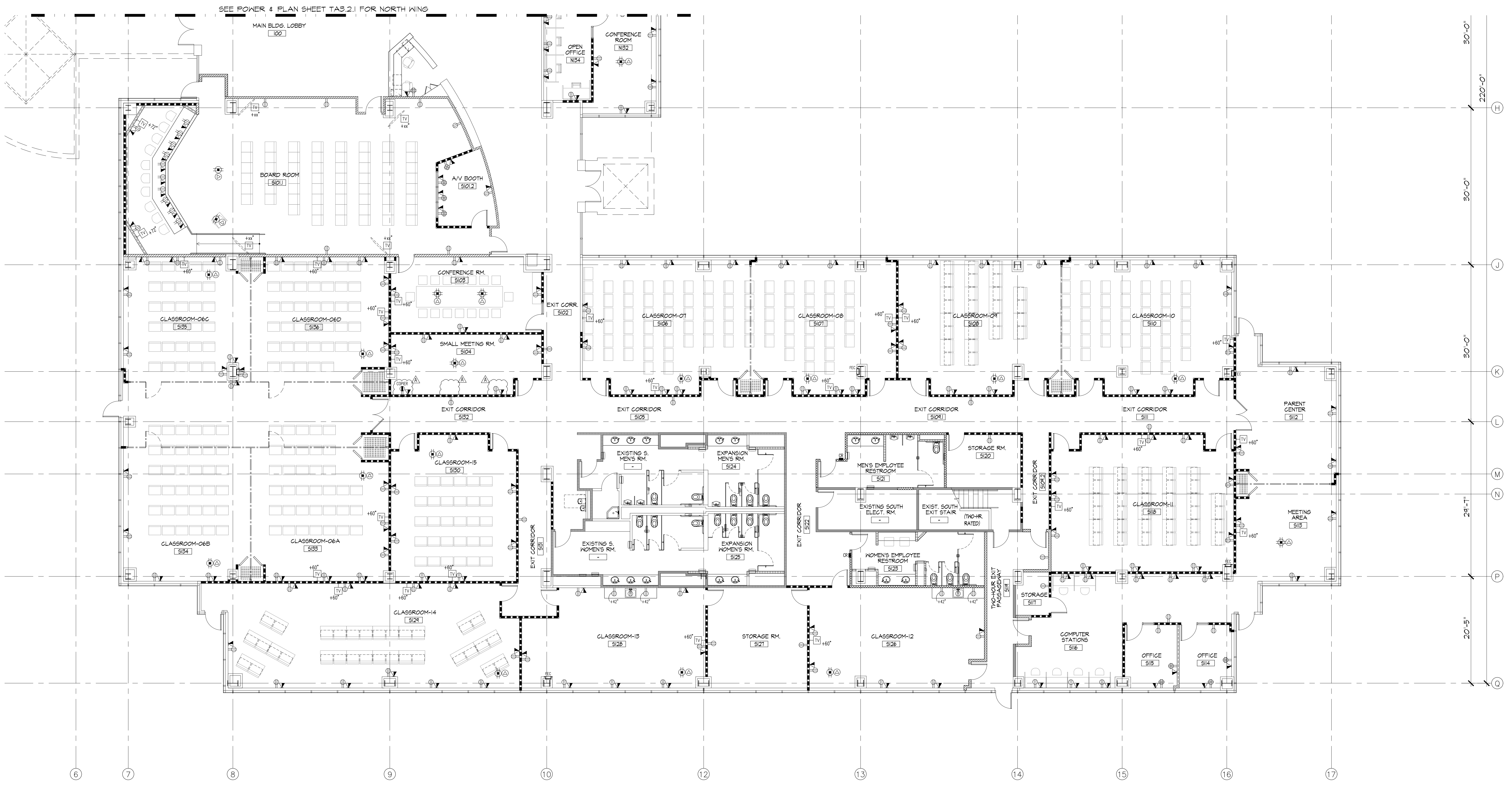
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PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title
1st FLOOR POWER/DATA PLAN - NORTH WING

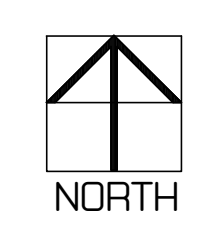
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TA3.2.1




1st FLOOR POWER/DATA PLAN - SOUTH WING

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



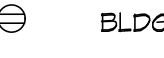
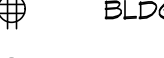
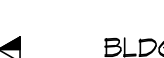
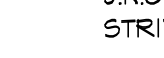
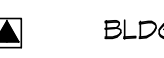
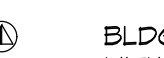
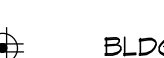

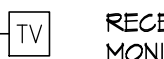
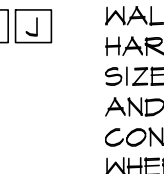
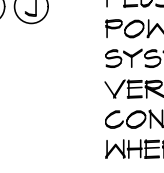
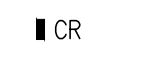
POWER / DATA PLAN GENERAL NOTES

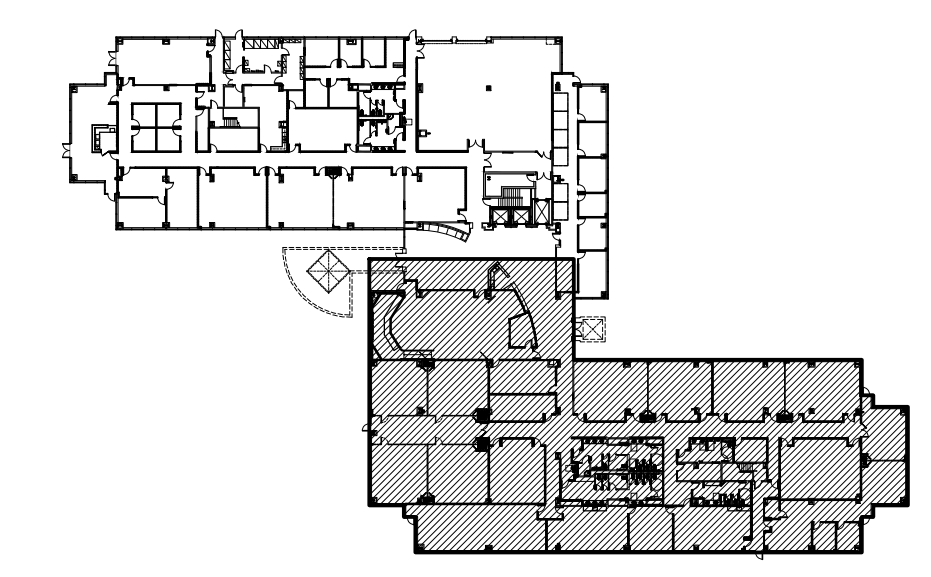
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2. CONTRACTOR TO VERIFY AND CONFIRM WITH TENANT THE FINAL LOCATIONS AND QUANTITY OF ALL ELECTRICAL REQUIREMENTS.
3. LOCATE ELEC. OUTLETS PER A.D.A. REQ'TS.
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5. ALL ELECTRICAL TO BE ISOLATED AND GROUNDED.
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POWER / DATA KEY NOTES

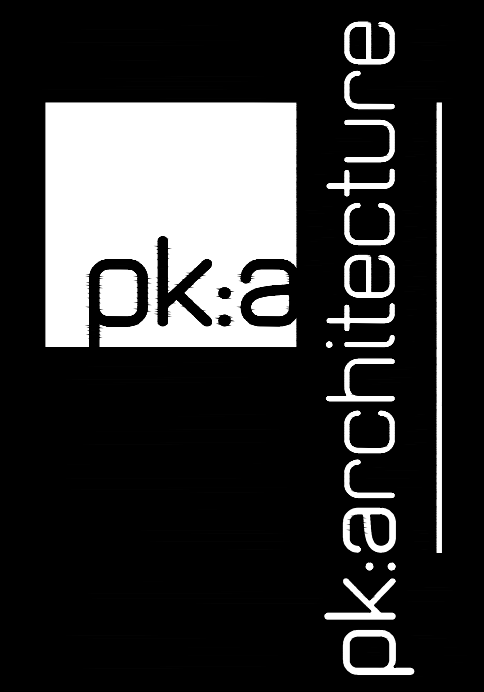
- 1 VERIFY WITH TENANT VENDOR REGARDING SECURITY ACCESS AT NEW DOORS INDICATED.
- 2 CONFIRM WITH TENANT'S VENDOR REGARDING SECURITY ACCESS AT ALL EXISTING STAIRWAY DOORS TO SUITE.
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POWER / DATA LEGEND

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KEY PLAN



5166 Lincoln Drive, Suite 110
 Laguna Hills, California 91751
 v: 818-551-0057 f: 818-551-0019
 www.pk-architecture.net



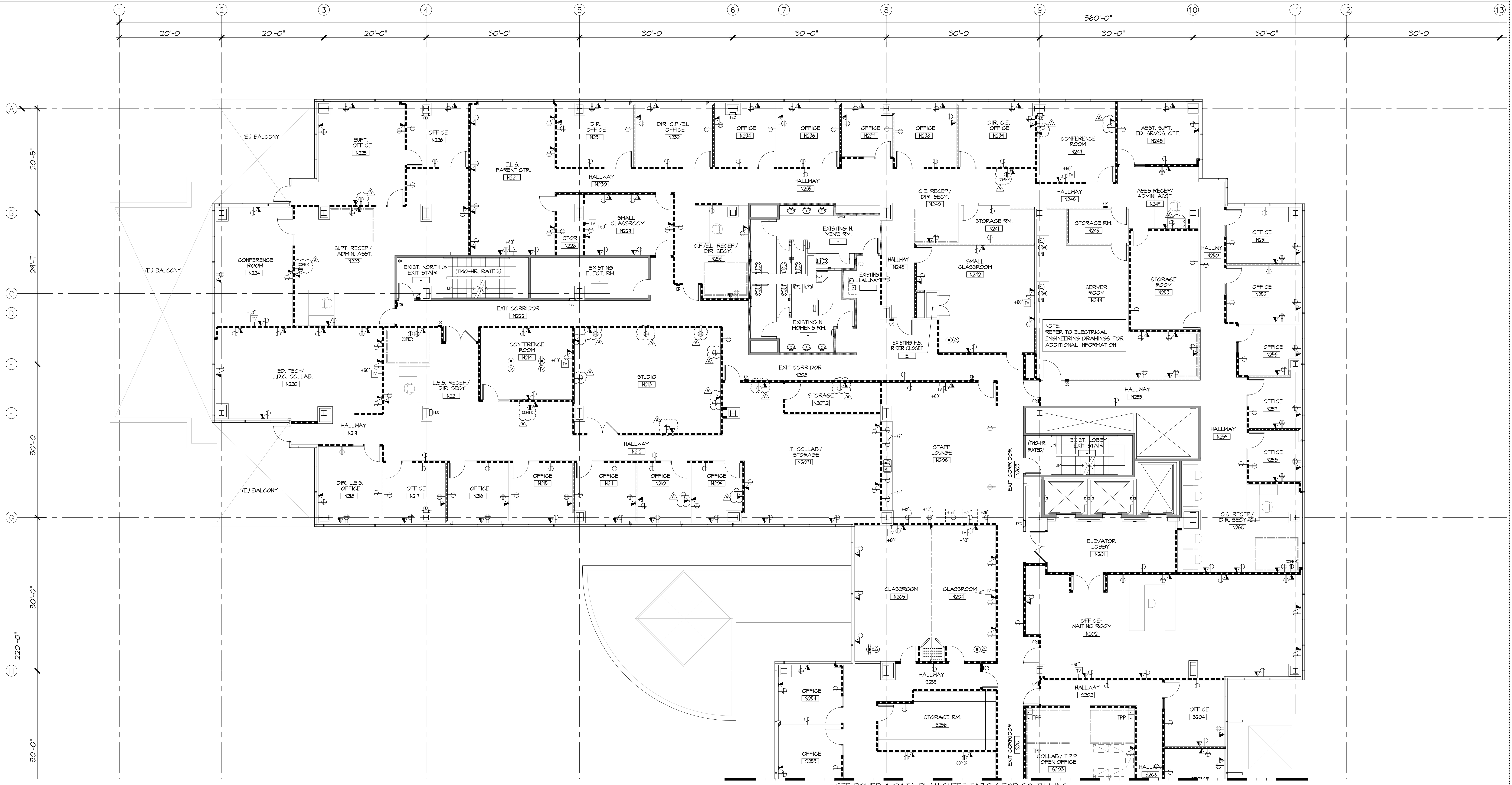
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remarks	date
PROGRESS SET	10/14/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

1st FLOOR POWER/DATA PLAN - SOUTH WING

drawn by
 project no 18-66-60
 date
 scale

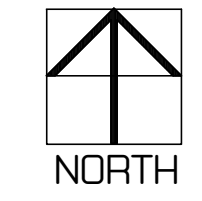
TA3.2.2




SEE POWER & DATA PLAN SHEET TA3.2.4 FOR SOUTH WING

2nd FLOOR POWER/DATA PLAN - NORTH WING

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



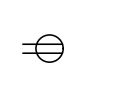

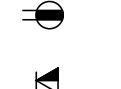




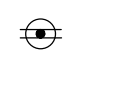
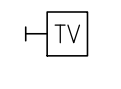
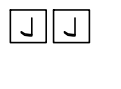


POWER / DATA PLAN GENERAL NOTES

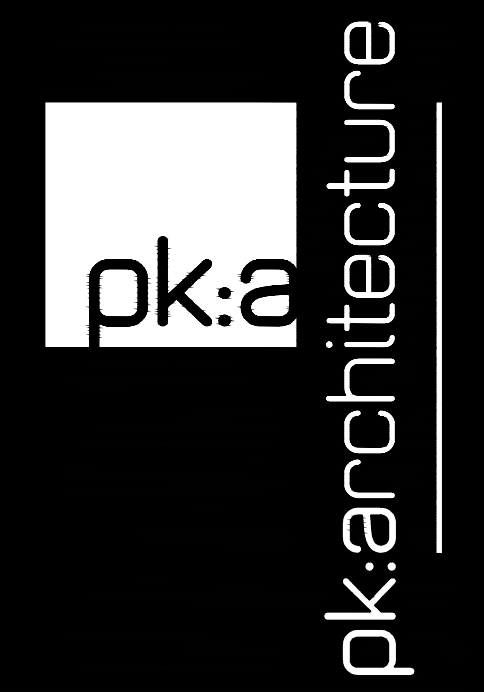
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-  BLDG. STD. WALL MOUNTED FOURPLEX ELECTRICAL OUTLET AT 18" A.F.F., U.N.O.
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-  BLDG. STD. WALL MOUNTED DUPLEX TELE. / DATA OUTLET @ 18" A.F.F., U.N.O. (PROVIDE 3/4" CONDUIT STUBBED TO ABOVE CEILINGS WITH FULL STRING) TYPICAL, U.N.O.
-  BLDG. STD. IN-CEILING DATA OUTLET
-  BLDG. STD. FLOOR MOUNTED FLUSH DATA/TELEPHONE OUTLET WITH 3/4" CONDUIT, U.N.O.
-  BLDG. STD. FLOOR MOUNTED FLUSH FOUR-PLEX ELECTRICAL OUTLET
-  BLDG. STD. FLOOR MOUNTED FLUSH DUPLEX ELECTRICAL OUTLET
-  RECESSED AUDIO VISUAL BOX WITH ELECTRICAL AND DATA CONNECTIONS FOR TELEVISION MONITOR
-  WALL MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWARE OF TELE/DATA TO TENANT'S FURNITURE PARTITION SYSTEM; CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR; CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
-  FLUSH FLOOR MOUNTED JUNCTION BOXES FOR CONNECTION OF ELECTRICAL POWER AND HARDWARE OF TELE/DATA TO TENANT'S FURNITURE PARTITION SYSTEM; CONDUIT SIZE TO BE DETERMINED AND EXACT LOCATIONS TO BE VERIFIED WITH TENANT AND TENANT'S FURNITURE VENDOR; CONTRACTOR TO VERIFY LOCATIONS OF EXISTING JUNCTION BOXES AND RE-USE WHEREVER POSSIBLE.
-  DOOR CARD READER, CARD KEY ACCESS CONTROL DEVICE (G.G. TO COORDINATE CONDUIT REQUIREMENTS FOR CARD READER SYSTEM WITH TENANT) PROVIDE ALL REQUIRED INFRASTRUCTURE SEE DOOR SCHEDULE SHEET TA5.0 & TA5.1 FOR ADDITIONAL INFORMATION



5166 Lefferson Drive, Suite 110
Escondido, CA 92029
P: 858-551-0057 F: 858-551-0019
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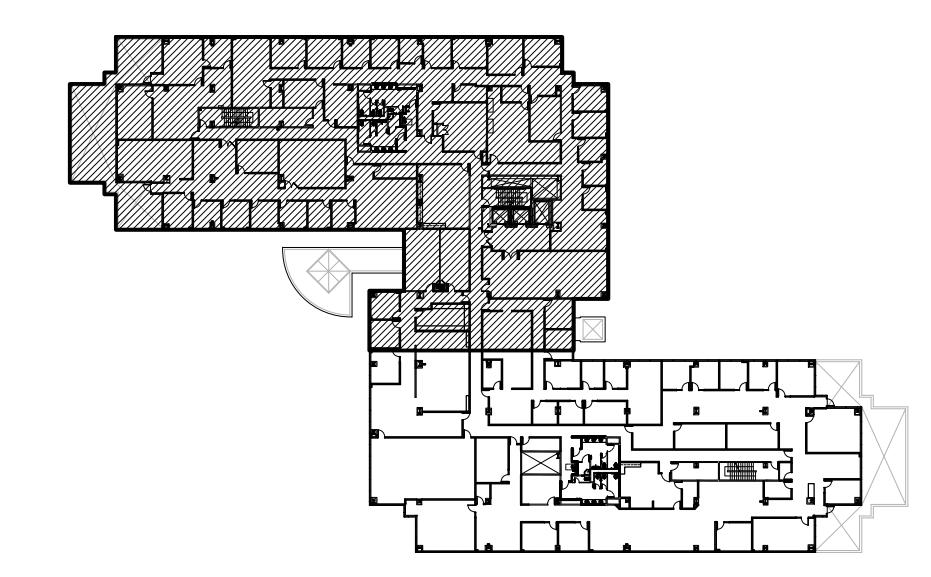
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remarks	date
PROGRESS SET	10/14/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title

2nd FLOOR POWER/DATA PLAN - NORTH WING

drawn by
project no 18-66.60
date
scale



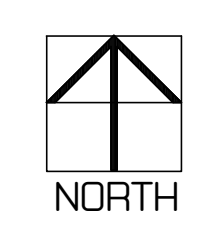
KEY PLAN

TA3.2.3




2nd FLOOR POWER/DATA PLAN - SOUTH WING

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















POWER / DATA PLAN GENERAL NOTES

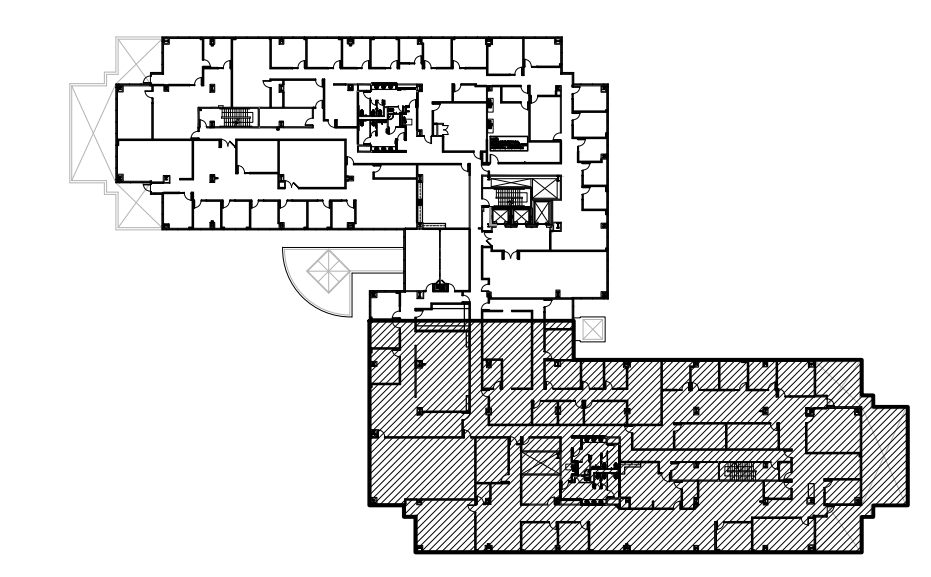
- ALL POWER OUTLETS ARE 120V UNLESS NOTED OTHERWISE. ALL ETHERNET CABLES TO BE CAT6a.
- CONTRACTOR TO VERIFY AND CONFIRM WITH TENANT THE FINAL LOCATIONS AND QUANTITY OF ALL ELECTRICAL REQUIREMENTS.
- LOCATE ELEC. OUTLETS PER A.D.A. REQ'TS.
- ALL J-BOX AND FLOOR MOUNTMENT LOCATIONS TO BE VERIFIED WITH TENANT AND/OR TENANT'S FURNITURE VENDOR.
- ALL ELECTRICAL TO BE ISOLATED AND GROUNDED.
- ALL NEW OUTLET BOXES TO BE PROVIDED PER DETAIL 
- ELEC. / TELE / DATA OUTLETS SHOWN ARE NEW, RE-USE EXISTING WHEREVER POSSIBLE.

POWER / DATA KEY NOTES

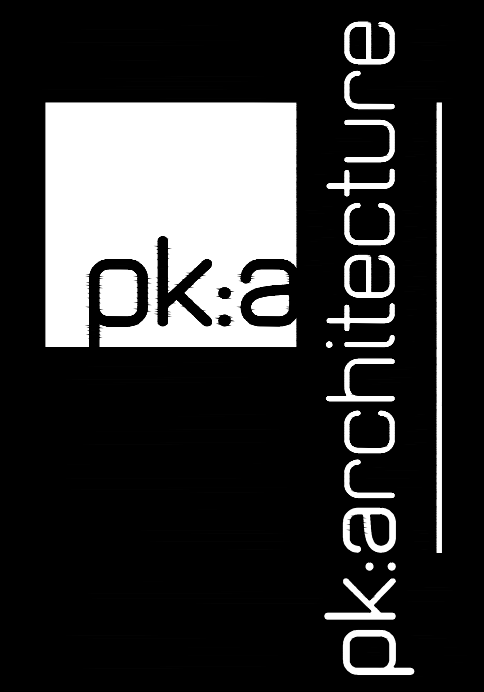
- VERIFY WITH TENANT VENDOR REGARDING SECURITY ACCESS AT NEW DOORS INDICATED.
- CONFIRM WITH TENANT'S VENDOR REGARDING SECURITY ACCESS AT ALL EXISTING STAIRWAY DOORS TO SUITE.
- FINAL APPROVAL OF FLOOR CORE LOCATIONS TO BE VERIFIED/APPROVED BY TENANT/FURNITURE VENDOR PRIOR TO CORING, NO EXCEPTIONS.

POWER / DATA LEGEND

-  BLDG. STD. WALL MOUNTED DUPLEX ELECTRICAL OUTLET @ 18" A.F.F., U.N.O.
-  BLDG. STD. WALL MOUNTED FOURPLEX ELECTRICAL OUTLET AT 18" A.F.F., U.N.O.
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KEY PLAN



5166 Leimert Road, Suite 110
 Agoura Hills, California 91301
 v: 818.551.0057 f: 818.551.0019
 www.pka-architecture.net



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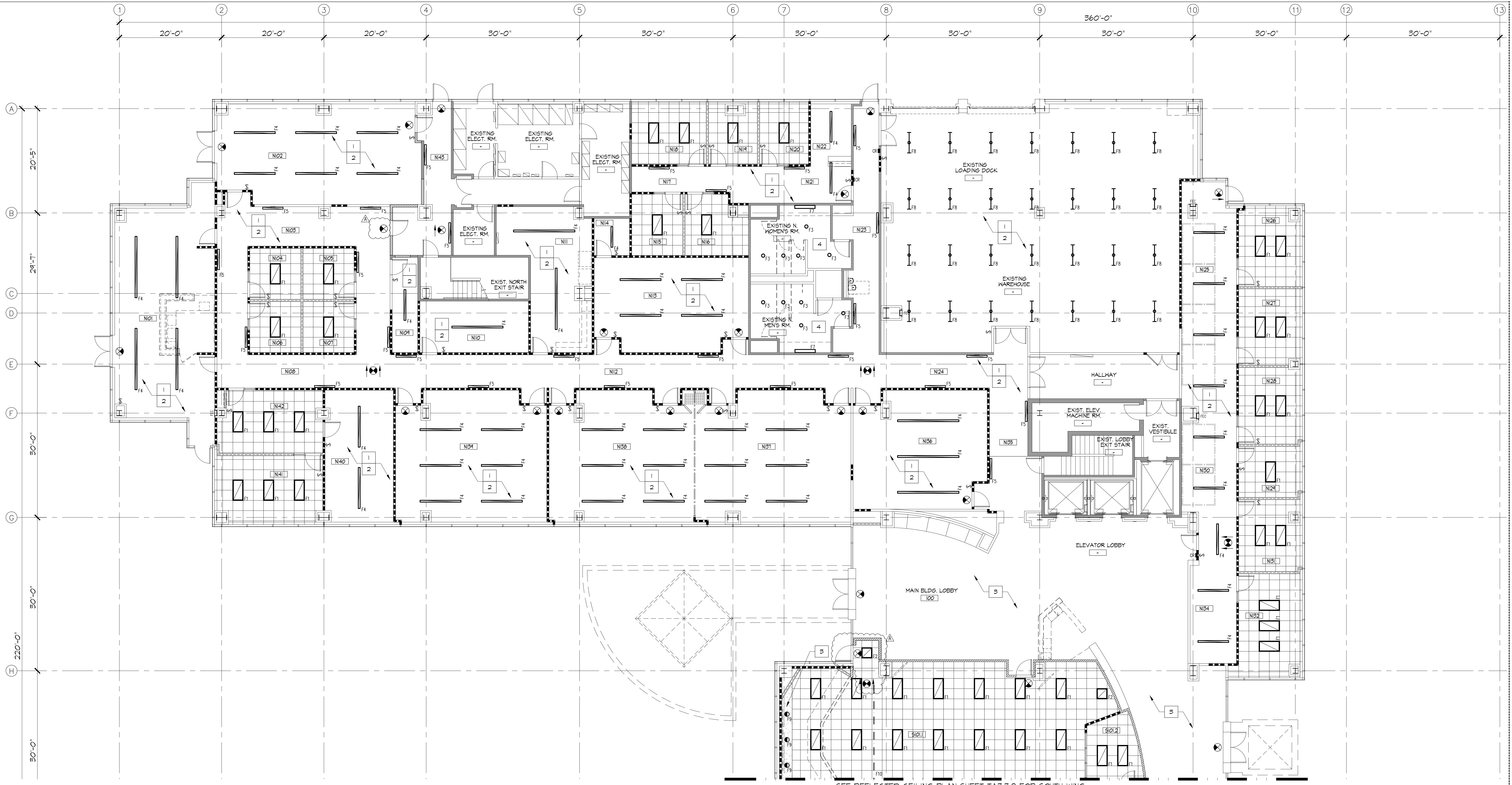
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2nd FLOOR POWER/DATA PLAN - SOUTH WING

drawn by
 project no 18-66-60
 date
 scale

TA3.2.4



1st FLOOR REFLECTED CEILING PLAN - NORTH WING

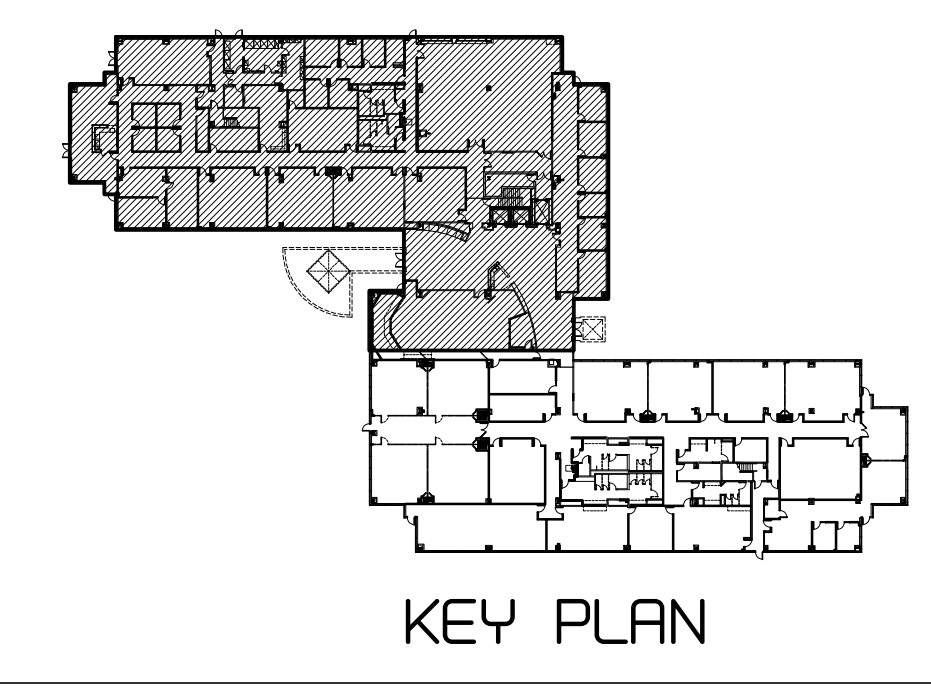
SCALE: 1/8" = 1'-0"

- #### CEILING PLAN NOTES
- EXISTING CEILING AND LIGHTING TO BE REMOVED THROUGHOUT, UNLESS NOTED OTHERWISE.
 - EXISTING FIRE SPRINKLERS, MECHANICAL DISTRIBUTION, LIGHT SWITCHING, ETC., TO BE REWORKED AS REQUIRED FOR NEW LAYOUT.
 - CONTRACTOR TO VERIFY AND CONFIRM WITH ARCHITECT, ELECTRICAL'S LATEST TITLE 24 ENERGY REQUIREMENTS FOR LIGHTING AND CONTROLS.
 - PROVIDE EMERGENCY LIGHTING AS REQUIRED.
 - SEE MECHANICAL PLANS FOR SUPPLY AND RETURN AIR REGISTERS.
 - A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED & SHALL COMPLY WITH SECTION 13.5.6 OF ASCE 1-10.
 - THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
 - CEILING EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINTS.
 - FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2,500 S.F. SHALL BE PROVIDED.
 - SPRINKLER HEADS SHALL BE SUPPORTED INDEPENDENTLY AND SHALL HAVE A 2" OVERSIZE RING.
 - SPECIAL SUSPENDED CEILING INSPECTION IS REQUIRED.
 - CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
 - SPRINKLER HEADS, RECESSED LIGHT FIXTURES, SPEAKERS, MISC. SENSOR, ETC., TO BE CENTERED IN 2'X2' PORTION OF CEILING TILES, WHERE OCCURS.
 - GENERAL CONTRACTOR TO COORDINATE WITH TENANT'S LOW VOLTAGE VENDOR.
 - COORDINATE WITH TENANT'S SECURITY VENDOR REGARDING ALL CEILING WORK, I.E. CAMERAS, ALARM, ETC.,

- #### CEILING PLAN KEY NOTES
- EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
 - ALL SPRINKLER LINES TO BE PAINTED (P-7) COLOR PER FINISH SCHEDULE.
 - ALL SOFFITS/CEILING TO BE PAINTED (P-6) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
 - ALL RESTROOM CEILING TO BE PAINTED (P-5) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.

CEILING LEGEND

<p> 2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM. CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION. MANUF: ARMSTRONG GRID: ARMSTRONG SILHOUETTE XL 1/2" BOLT SLOT GRID WITH 1" REVEAL GRID WHITE TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE. SEE DETAILS </p> <p> EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE</p> <p> 5/8" TYPE 'X' PAINTED GYPSUM BOARD CEILING/SOFFIT.</p> <p> LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)</p> <p> BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL</p> <p> CEILING OR SOFFIT HEIGHT INDICATOR ABOVE FIN. FLOOR</p>	<p> (F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT4 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, 82CRI, 3500K NOTE: OR APPROVED EQUAL</p> <p> (F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT2 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, 82CRI, 3500K NOTE: OR APPROVED EQUAL</p> <p> (F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT MFR: ALPHABET SERIES: N44 COLOR TEMPERATURE: 35K 3500K, 83 83CRI TRIM COLOR: WH WHITE BEZEL COLOR: WH WHITE NOTE: OR APPROVED EQUAL</p> <p> (F4) LINEAR INDIRECT/DIRECT L.E.D. PENDANT MFR: FINELITE INC. SERIES: HP-4 ID LENGTH: (SEE PLAN) L.E.D. CRI/CCT: 835-80 CRI MIN, 3500K UPLIGHT OPTION: TO TOP GLOW DOWNLIGHT OPTION: F FLUSH NOTE: OR APPROVED EQUAL</p> <p> (F4) L.E.D. WALL WASHER MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDS:</p> <p> (F10) 'STUDIO' TRACK LIGHTING MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDS:</p>	<p> (F6) L.E.D. PENDANT MFR: DELRAY LIGHTING SERIES: KONE3 KLF31 LUMENS: 3-3000 FINISH: S-SILVER LEDS: K85</p> <p> (F7) WALL MOUNT INDIRECT/DIRECT L.E.D. MFR: FINELITE INC. SERIES: SERIES 16 L.E.D. WM ID LENGTH: 4" L.E.D. CRI/CCT: 835-80 CRI MIN, 3500K NOTE: OR APPROVED EQUAL</p> <p> (F8) L.E.D. STRIPLIGHT MFR: LITHONIA LIGHTING SERIES: UFIT LENGTH: 48" L48 COLOR TEMP.: 3000K 50K INSTALLATION: HANGER CHAIN NOTE: OR APPROVED EQUAL</p>
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pk:a architecture

5166 Leimocher Drive, Suite 110
Escondido, CA 92029
Tel: 858-591-0057 | Fax: 858-591-0059
www.pkarchitecture.net

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1st FLOOR REFLECTED CEILING PLAN - NORTH WING

drawn by: _____
project no: 18-66.60
date: _____
scale: _____

TA3.3.1



1st FLOOR REFLECTED CEILING PLAN - SOUTH WING

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

CEILING PLAN NOTES

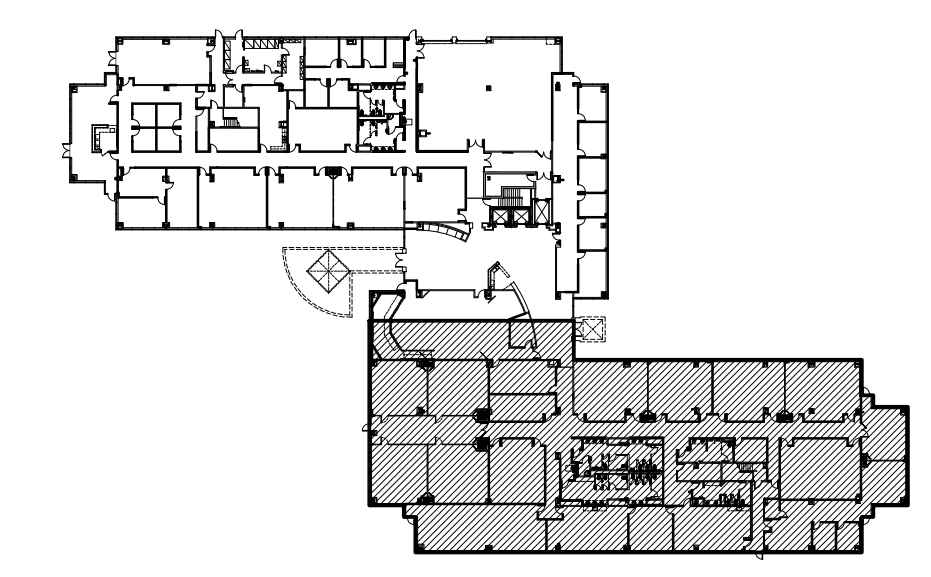
1. EXISTING CEILING AND LIGHTING TO BE REMOVED THROUGHOUT, UNLESS NOTED OTHERWISE.
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3. CONTRACTOR TO VERIFY AND CONFIRM WITH ARCHITECT, ELECTRICAL'S LATEST TITLE 24 ENERGY REQUIREMENTS FOR LIGHTING AND CONTROLS.
4. PROVIDE EMERGENCY LIGHTING AS REQUIRED.
5. SEE MECHANICAL PLANS FOR SUPPLY AND RETURN AIR REGISTERS.
6. A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED & SHALL COMPLY WITH SECTION B3.6 OF ASCE 1-10.
7. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
8. CEILING EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINTS.
9. FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2,500 S.F. SHALL BE PROVIDED.
10. SPRINKLER HEADS SHALL BE SUPPORTED INDEPENDENTLY AND SHALL HAVE A 2" OVERSIZE RING.
11. SPECIAL SUSPENDED CEILING INSPECTION IS REQUIRED.
12. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
13. SPRINKLER HEADS, RECESSED LIGHT FIXTURES, SPEAKERS, MISC. SENSOR, ETC., TO BE CENTERED IN 2'X2' PORTION OF CEILING TILES, WHERE OCCURS.
14. GENERAL CONTRACTOR TO COORDINATE WITH TENANT'S LOW VOLTAGE VENDOR.
15. COORDINATE WITH TENANT'S SECURITY VENDOR REGARDING ALL CEILING WORK, I.E. CAMERAS, ALARM, ETC.,

CEILING PLAN KEY NOTES

1. EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
2. ALL SPRINKLER LINES TO BE PAINTED (P-7) COLOR PER FINISH SCHEDULE.
3. ALL SOFFITS/CEILING TO BE PAINTED (P-6) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
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CEILING LEGEND

<p>2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM, CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION.</p> <p>MANUF: ARMSTRONG GRID: ARMSTRONG SILHOUETTE XL 1/2" BOLT SLOT GRID WITH 1" REVEAL GRID, WHITE TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT</p> <p>NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE. SEE DETAILS (A) (B) (C) (D) (E) (F) (TA6.1) (TA6.2) (TA6.3) (TA6.4) (TA6.5) (TA6.6)</p>	<p>EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE</p>	<p>5/8" TYPE 'X' PAINTED GYPSUM BOARD CEILING/SOFFIT.</p>	<p>§ LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)</p>	<p>BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL</p>	<p>(F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT4 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, 82CRI, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT2 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, 82CRI, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT MFR: ALPHABET SERIES: N14 COLOR TEMPERATURE: 35K 3500K, 83 83CRI TRIM COLOR: WH WHITE BEZEL COLOR: WH WHITE NOTE: OR APPROVED EQUAL</p>	<p>(F4) 4" LINEAR INDIRECT/DIRECT L.E.D. PENDANT MFR: FINELITE INC. SERIES: HP-4 ID LENGTH: (SEE PLAN) L.E.D. CR/CCT: 835-80 CRI MIN, 3500K UPLIGHT OPTION: TO TOP GLOW DOWNLIGHT OPTION: F FLUSH NOTE: OR APPROVED EQUAL</p>	<p>(F5) 4" WALL MOUNTED INDIRECT/DIRECT L.E.D. MFR: FINELITE INC. SERIES: HP-4 ID LENGTH: 4" L.E.D. CR/CCT: 835-80 CRI MIN, 3500K UPLIGHT OPTION: TO TOP GLOW DOWNLIGHT OPTION: F FLUSH NOTE: OR APPROVED EQUAL</p>	<p>(F6) L.E.D. PENDANT MFR: DELRAY LIGHTING SERIES: KONE3 KLF31 LUMENS: 3-3000 FINISH: S-SILVER LEDS: K85</p>	<p>(F7) WALL MOUNT INDIRECT/DIRECT L.E.D. MFR: FINELITE INC. SERIES: SERIES 16 L.E.D. WM ID LENGTH: 4" L.E.D. CR/CCT: 835-80 CRI MIN, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F8) L.E.D. STRIPLIGHT MFR: LITHONIA LIGHTING SERIES: UF1T LENGTH: 48" L48 COLOR TEMP.: 3000K 50K INSTALLATION: HANGER CHAIN NOTE: OR APPROVED EQUAL</p>	<p>(F9) L.E.D. WALL WASHER MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDS:</p>	<p>(F10) 'STUDIO' TRACK LIGHTING MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDS:</p>
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pk:a architecture

5166 Lincoln Drive, Suite 110
Agoura Hills, California 91301
V: 818.551.0057 F: 818.551.0019
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1st FLOOR REFLECTED CEILING PLAN - SOUTH WING

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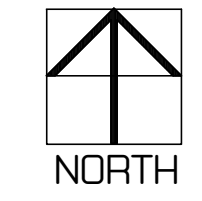
TA3.3.2



SEE REFLECTED CEILING PLAN SHEET TAB.3.4 FOR SOUTH WING

2nd FLOOR REFLECTED CEILING PLAN - NORTH WING

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



CEILING PLAN NOTES

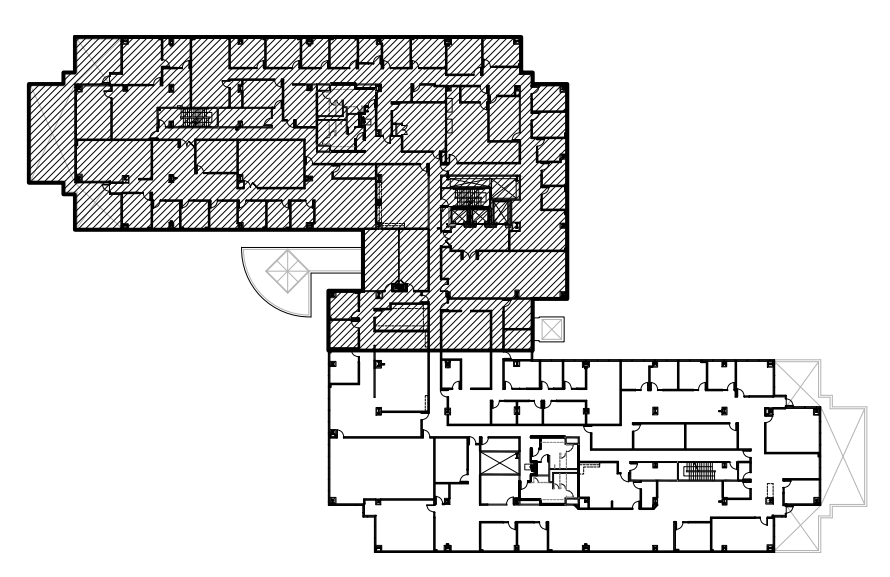
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- ALL RESTROOM CEILING TO BE PAINTED (P-5) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.

CEILING LEGEND

<p>2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM. CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION.</p> <p>MANUF: ARMSTRONG GRID: ARMSTRONG SILHOUETTE XL 1/2" BOLT SLOT GRID WITH 1" REVEAL GRID, WHITE TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT</p> <p>NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE. SEE DETAILS (A) (B) (C) (D) (E) (F) (TA6.1) (TA6.2) (TA6.3) (TA6.4) (TA6.5) (TA6.6)</p>	<p>EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE</p>	<p>5/8" TYPE 'X' PAINTED GYPSUM BOARD CEILING/SOFFIT.</p>	<p>§ LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)</p>	<p>BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL</p>	<p>(F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT4 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, 82CRI, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT2 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, 82CRI, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT MFR: ALPHABET SERIES: N44 COLOR TEMPERATURE: 35K 3500K, 83 83CRI TRIM COLOR: WH WHITE BEZEL COLOR: WH WHITE NOTE: OR APPROVED EQUAL</p>	<p>(F4) LINEAR INDIRECT/DIRECT L.E.D. PENDANT MFR: FINELITE INC. SERIES: HP-4 ID LENGTH: (SEE PLAN) L.E.D. CRI/CCT: 835-80 CRI MIN, 3500K UPLIGHT OPTION: TO TOP GLOW DOWNLIGHT OPTION: FLUSH NOTE: OR APPROVED EQUAL PROVIDE DIRECT CEILING SURFACE MOUNT TYPE FIXTURE AT HARDLID CEILING LOCATIONS WHERE OCCURS.</p>	<p>(F5) HALL MOUNTED INDIRECT/DIRECT L.E.D. MFR: FINELITE INC. SERIES: HP-4 WM ID LENGTH: 4' L.E.D. CRI/CCT: 835-80 CRI MIN, 3500K UPLIGHT OPTION: TO TOP GLOW DOWNLIGHT OPTION: FLUSH NOTE: OR APPROVED EQUAL</p>	<p>(F6) L.E.D. PENDANT MFR: DELRAY LIGHTING SERIES: KONE3 KLF31 LUMENS: 3-3000 FINISH: S-SILVER LEDS: K85</p>	<p>(F7) WALL MOUNT INDIRECT/DIRECT L.E.D. MFR: FINELITE INC. SERIES: SERIES 16 L.E.D. WM ID LENGTH: 4' L.E.D. CRI/CCT: 835-80 CRI MIN, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F8) L.E.D. STRIPLIGHT MFR: LITHONIA LIGHTING SERIES: UFIT LENGTH: 48" L48 COLOR TEMP.: 3000K 50K INSTALLATION: HANGER CHAIN NOTE: OR APPROVED EQUAL</p>	<p>(F9) L.E.D. WALL WASHER MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDS:</p>	<p>(F10) 'STUDIO' TRACK LIGHTING MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDS:</p>
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KEY PLAN

pk:a architecture

5166 Lincoln Drive, Suite 110
Escondido, CA 92029
V: 858-0057 F: 858-0009
www.pk-a.com

OXNARD UNION HIGH SCHOOL DISTRICT
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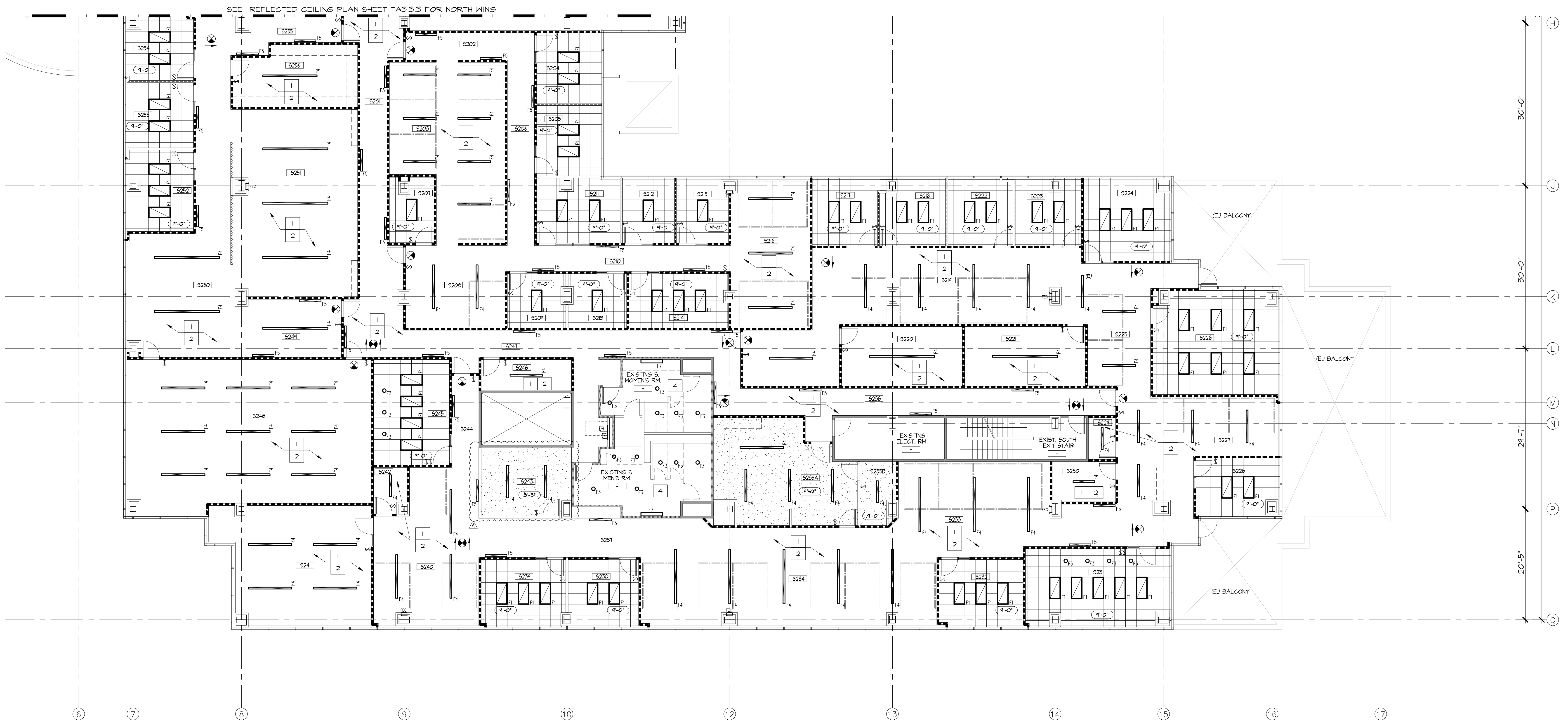
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remarks	date
PROGRESS SET	10/19/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

2nd FLOOR REFLECTED CEILING PLAN - NORTH WING

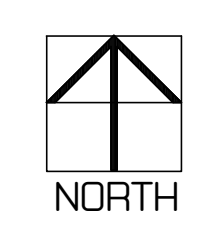
drawn by: _____
project no: 18-66.60
date: _____
scale: _____

TA3.3.3



2nd FLOOR REFLECTED CEILING PLAN - SOUTH WING

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



CEILING PLAN NOTES

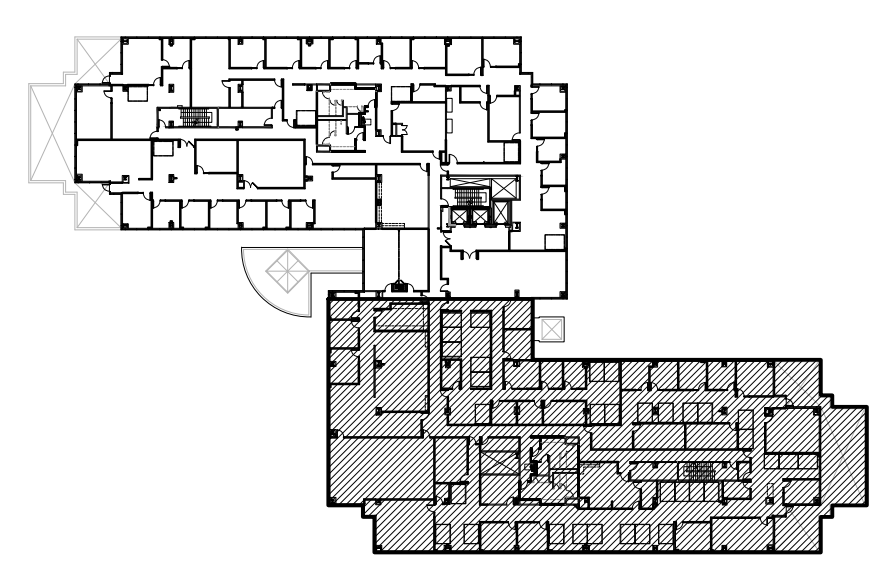
1. EXISTING CEILING AND LIGHTING TO BE REMOVED THROUGHOUT, UNLESS NOTED OTHERWISE.
2. EXISTING FIRE SPRINKLERS, MECHANICAL DISTRIBUTION, LIGHT SWITCHING, ETC., TO BE REWORKED AS REQUIRED FOR NEW LAYOUT.
3. CONTRACTOR TO VERIFY AND CONFIRM WITH ARCHITECT, ELECTRICAL'S LATEST TITLE 24 ENERGY REQUIREMENTS FOR LIGHTING AND CONTROLS.
4. PROVIDE EMERGENCY LIGHTING AS REQUIRED.
5. SEE MECHANICAL PLANS FOR SUPPLY AND RETURN AIR REGISTERS.
6. A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED & SHALL COMPLY WITH SECTION B3.6 OF ASCE 1-10.
7. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2". ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 3/4" CLEARANCE FROM THE WALL AND SHALL REST UPON AND BE FREE TO SLIDE ON A CLOSURE ANGLE.
8. CEILING EXCEEDING 1,000 S.F. SHALL HAVE HORIZONTAL RESTRAINTS.
9. FOR CEILING AREAS EXCEEDING 2,500 S.F., A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2,500 S.F. SHALL BE PROVIDED.
10. SPRINKLER HEADS SHALL BE SUPPORTED INDEPENDENTLY AND SHALL HAVE A 2" OVERSIZE RING.
11. SPECIAL SUSPENDED CEILING INSPECTION IS REQUIRED.
12. CABLE TRAYS AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF THE CEILING.
13. SPRINKLER HEADS, RECESSED LIGHT FIXTURES, SPEAKERS, MISC. SENSOR, ETC., TO BE CENTERED IN 2'X2' PORTION OF CEILING TILES, WHERE OCCURS.
14. GENERAL CONTRACTOR TO COORDINATE WITH TENANT'S LOW VOLTAGE VENDOR.
15. COORDINATE WITH TENANT'S SECURITY VENDOR REGARDING ALL CEILING WORK, I.E. CAMERAS, ALARM, ETC.,

CEILING PLAN KEY NOTES

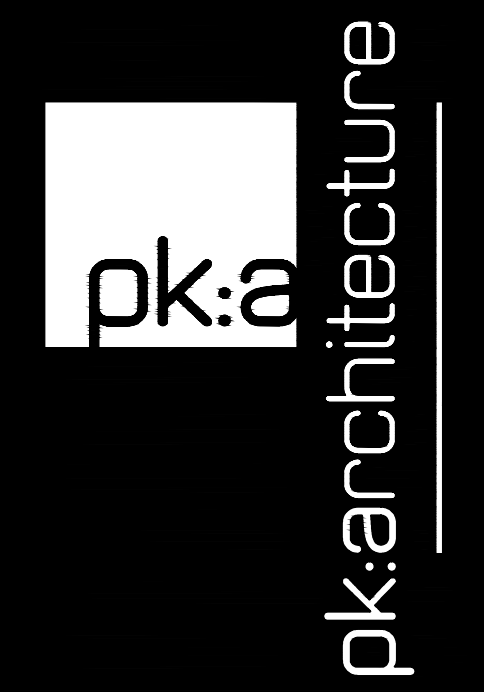
1. EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
2. ALL SPRINKLER LINES TO BE PAINTED (P-7) COLOR PER FINISH SCHEDULE.
3. ALL SOFFITS/CEILING TO BE PAINTED (P-6) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM CEILING TO BE PAINTED (P-5) COLOR PER FINISH SCHEDULE, UNLESS NOTED OTHERWISE.

CEILING LEGEND

<p>2'-0" X 2'-0" SUSPENDED CEILING TILE/GRID SYSTEM, CEILING HEIGHT PER PLAN. SEE CEILING PLAN NOTES BELOW FOR ADDITIONAL INFORMATION.</p> <p>MANUF: ARMSTRONG GRID: ARMSTRONG SILHOUETTE XL 1/2" BOLT SLOT GRID WITH 1" REVEAL GRID, WHITE TILE: 2'-0" X 2'-0" ARMSTRONG DUNE TEGULAR OR APPROVED EQUIVALENT</p> <p>NOTE: PROVIDE SEISMIC AND COMPRESSION POST AS REQUIRED TO MEET CURRENT CODE. SEE DETAILS (A) (B) (C) (D) (E) (F) (TA6.1) (TA6.2) (TA6.3) (TA6.4) (TA6.5) (TA6.6)</p>	<p>EXISTING UNDERSIDE OF ALL EXPOSED FLOOR DECKING AND STRUCTURE ABOVE TO BE PAINTED (P-1) COLOR PER FINISH SCHEDULE</p>	<p>5/8" TYPE 'X' PAINTED GYPSUM BOARD CEILING/SOFFIT.</p>	<p>§ LIGHT SWITCH (PROVIDE SENSOR SWITCH PER ELEC. DWGS.)</p>	<p>BLDG. STD. ILLUMINATED EXIT SIGN (DIRECTIONAL, AS SHOWN) EXACT QUANTITIES AND LOCATIONS TO BE CONFIRMED WITH THE FIRE MARSHAL</p>	<p>(F1) 2'-0" X 4'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT4 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, B2CR1, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F2) 2'-0" X 2'-0" RECESSED L.E.D. LIGHT FIXTURE. MFR: LITHONIA LIGHTING SERIES: 2BLT2 BLT SERIES L.E.D. DIFFUSER: SDP, SQUARE LINEAR PRISMS COLOR TEMPERATURE: LP835, B2CR1, 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F3) 4" ROUND RECESSED L.E.D. DOWNLIGHT MFR: ALPHABET SERIES: N44 COLOR TEMPERATURE: 35K 3500K, B3 B2CR1 TRIM COLOR: WH WHITE BEZEL COLOR: WH WHITE NOTE: OR APPROVED EQUAL</p>	<p>(F4) LINEAR INDIRECT/DIRECT L.E.D. PENDANT MFR: FINELITE INC. SERIES: HP-4 ID LENGTH: (SEE PLAN) L.E.D. CR/CCT: 835-80 CRI MIN. 3500K UPLIGHT OPTION: TO TOP GLOW DOWNLIGHT OPTION: F FLUSH NOTE: OR APPROVED EQUAL</p>	<p>(F5) HALL MOUNTED INDIRECT/DIRECT L.E.D. MFR: FINELITE INC. SERIES: HP-4 NM ID LENGTH: 4' L.E.D. CR/CCT: 835-80 CRI MIN. 3500K UPLIGHT OPTION: TO TOP GLOW DOWNLIGHT OPTION: F FLUSH NOTE: OR APPROVED EQUAL</p>	<p>(F6) L.E.D. PENDANT MFR: DELRAY LIGHTING SERIES: KONE3 KLF31 LUMENS: 3-3000 FINISH: S-SILVER LEDs: K85</p>	<p>(F7) WALL MOUNT INDIRECT/DIRECT L.E.D. MFR: FINELITE INC. SERIES: SERIES 16 L.E.D. NM ID LENGTH: 4' L.E.D. CR/CCT: 835-80 CRI MIN. 3500K NOTE: OR APPROVED EQUAL</p>	<p>(F8) L.E.D. STRIPLIGHT MFR: LITHONIA LIGHTING SERIES: UF1T LENGTH: 48" L48 COLOR TEMP.: 5000K 50K INSTALLATION: HANGER CHAIN NOTE: OR APPROVED EQUAL</p>	<p>(F9) L.E.D. WALL WASHER MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDs:</p>	<p>(F10) 'STUDIO' TRACK LIGHTING MFR: (REFER TO ELEC. DWGS.) SERIES: LUMENS: FINISH: LEDs:</p>
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KEY PLAN



5166 Leitchman Drive, Suite 110
Escondido, California 92029
P: 858-858-0057 F: 858-858-0059
www.pk-a-architecture.net

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2nd FLOOR REFLECTED CEILING PLAN - SOUTH WING

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project no: 18-66.60
date: _____
scale: _____

TA3.3.4



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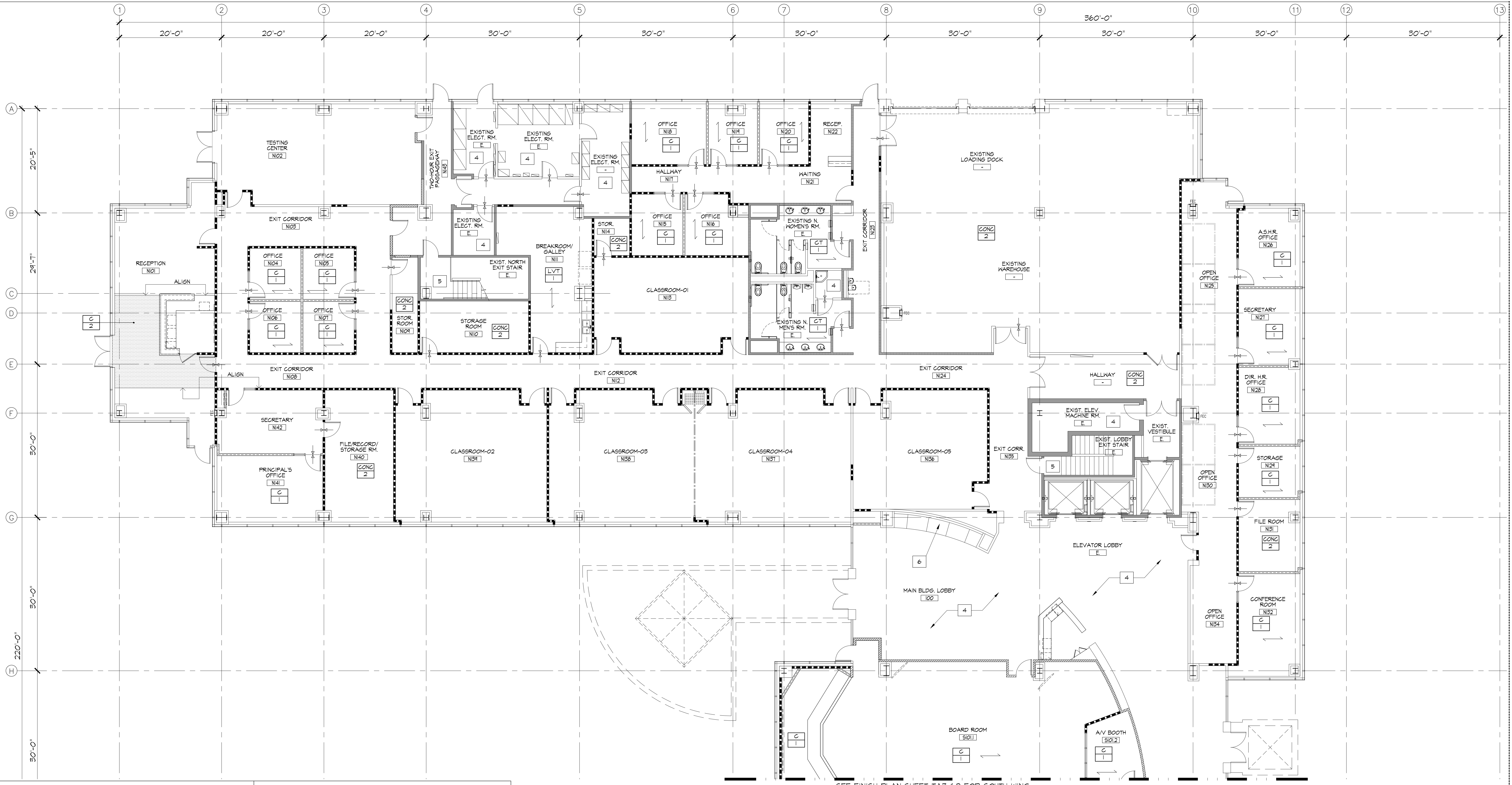
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	BID ISSUE	02/24/20
▲	ADD-A / PC CORRECTION	

sheet title

drawn by
 project no 18-66-60
 date
 scale

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1st FLOOR FINISH PLAN - NORTH WING

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

GENERAL FINISH NOTES

- INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
- (RESERVED)
- PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
- PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
- DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
- PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
- PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
- ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
- VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIMING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
- CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING 1/4" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
- ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
- INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
- PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM "GENERAL PURPOSE" GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
- ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH KEYNOTES

- EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
- CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
- 2ND FLOOR APPLICABLE TO CONCRETE; ALTERNATIVE TO PROVIDE LVT IN 1ST FLOOR RECEPTION NOT APPLICABLE TO CONCRETE.
- EXISTING FLOORING TO REMAIN.
- GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
- REUPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
- RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
- EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
- ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAH FINISH.
- FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-1.

CODE REQUIREMENTS

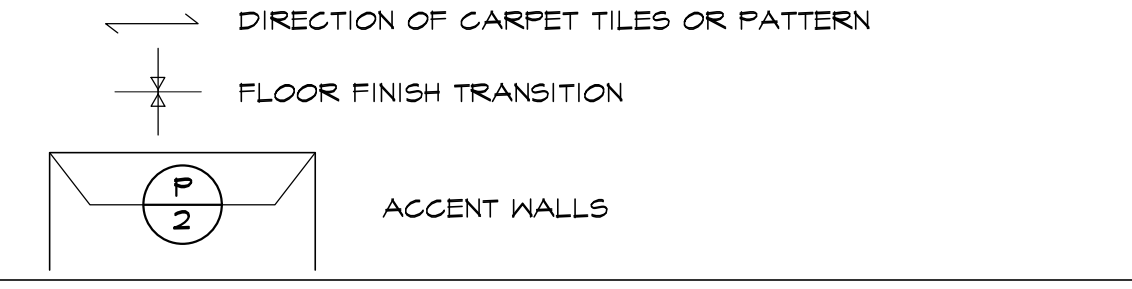
INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.1			
OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGEWAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
 CLASS C: FLAME SPREAD 76-200, SMOKE-DEVELOPED INDEX 0-450

FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "1" OF CBC TABLE 803.1)

FINISH PLAN SYMBOLS LEGEND



FLOORING FINISHES

- CARPET**
- C 1** MANUFACTURER: TARKETT/TANDUS
 STYLE NAME: TEXTURE MAP 1124
 COLOR: LANDING ZONE 42808
 SIZE: 24" X 24"
 INSTALLATION: VERTICAL ASHLAR
 LOCATION: OFFICES, CONFERENCE ROOMS
 REP.: LESLIE FONCE, (818)962-6981
 - C 2** MANUFACTURER: PATGRAFT
 STYLE NAME: WALK FORWARD, ACCESS, 10533
 COLOR: TREK, 00590
 SIZE: 24" X 24"
 INSTALLATION: MONOLITH
 LOCATION: 1ST FLOOR RECEPTION
 REP.: JON ANDERSON, (818)583-5446
 - LVT 1** MANUFACTURER: MANNINGTON
 STYLE NAME: ACCESS-WOOD
 COLOR: FROSTED OAK 5X5V6020
 SIZE: 5/8" X 24"
 INSTALLATION: STAGGERED
 LOCATION: BREAK ROOMS
 REP.: TRACY KO, (805)554-1907
 - LVT 2** ALTERNATE MANUFACTURER: MO
 STYLE NAME: P-1
 COLOR: WOOD
 SIZE: 5/8" X 24"
 INSTALLATION: STAGGERED
 LOCATION: 2ND FLOOR RECEPTION
 REP.: VALARY BRAL, (818)924-1171

CONCRETE FLOORS

- CONC 1** EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL. TO BE SEMI-GLOSS FINISH. LOCATION: THROUGHOUT
- CONC 2** EXISTING CONCRETE TO REMAIN CLEAN AND SEAL. TO BE SEMI-GLOSS FINISH. LOCATION: AS NOTED

CERAMIC TILE

- CT 1** MANUFACTURER: DAL TILE
 STYLE NAME: FABRIQUE
 COLOR: BLANG LINEN P685
 SIZE: 12" X 24"
 INSTALLATION: STAGGERED
 LOCATION: RESTROOMS
 REP.: IRVIN KELLER, (818)924-4018
- CT 2** MANUFACTURER: DAL TILE
 STYLE NAME: CHORD
 COLOR: GANON GRAY, CH22
 SIZE: 12" X 24"
 INSTALLATION: STAGGERED
 LOCATION: 2ND FLOOR ELEVATOR LOBBY
 REP.: IRVIN KELLER, (818)924-4018

WALL FINISHES

- WB 1** MANUFACTURER: JOHNSONITE
 COLOR: T46 BEDROCK GG
 SIZE: 4"
 LOCATION: THROUGHOUT
- WB 2** MANUFACTURER: JOHNSONITE
 COLOR: T46 BEDROCK GG
 SIZE: 4"
 LOCATION: THROUGHOUT

FINISH SCHEDULE

- PAINTS**
- P 1** MANUFACTURER: DUNN EDWARDS
 COLOR: DEA 380 "WHITE"
 FINISH: EGGSHELL
 - P 2** MANUFACTURER: DUNN EDWARDS
 COLOR: DEB12 "STIEGLITZ SILVER"
 FINISH: EGGSHELL
 NOTE: ACCENT
 - P 3** MANUFACTURER: DUNN EDWARDS
 COLOR: DEB73 "STONE SILVER"
 FINISH: EGGSHELL
 NOTE: ACCENT
 - P 4** MANUFACTURER: DUNN EDWARDS
 COLOR: DEB74 "THUNDERCLOUD"
 FINISH: EGGSHELL
 NOTE: ACCENT
 - P 5** MANUFACTURER: DUNN EDWARDS
 COLOR: DEB86 "PRECIOUS PEARLS"
 FINISH: SEMI-GLOSS
 NOTE: RESTROOMS
 - P 6** MANUFACTURER: DUNN EDWARDS
 COLOR: DEB 380 "WHITE"
 FINISH: FLAT
 - P 7** MANUFACTURER: DUNN EDWARDS
 COLOR: DEA 181 "BLACK"
 FINISH: FLAT
 NOTE: FIRE SPRINKLER LINES
 - P 8** MANUFACTURER: DUNN EDWARDS
 COLOR: DEB74 "THUNDERCLOUD"
 FINISH: EGGSHELL
 NOTE: ACCENT WALL P1, P2, P3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

- CAT 1** MANUFACTURER: EMER
 STYLE NAME: LOGIC
 COLOR: WHITE GLOSS
 SIZE: 4" X 16"
 INSTALLATION: STAGGERED
 LOCATION: RESTROOMS
 REP.: BRANDI SMITH, (818)711-5010
- CAT 2** MANUFACTURER: DAL TILE
 STYLE NAME: IDYLIC BLENDS
 COLOR: SERENITY STORM, 1804
 SIZE: 11" X 11"
 INSTALLATION: ACCENT
 LOCATION: RESTROOMS (MEN'S)
 REP.: IRVIN KELLER, (818)924-4018
- CAT 3** MANUFACTURER: DAL TILE
 STYLE NAME: IDYLIC BLENDS
 COLOR: TRANQUIL, 8104
 SIZE: 11" X 11"
 INSTALLATION: ACCENT
 LOCATION: RESTROOMS (WOMEN'S)
 REP.: IRVIN KELLER, (818)924-4018

SOLID SURFACES

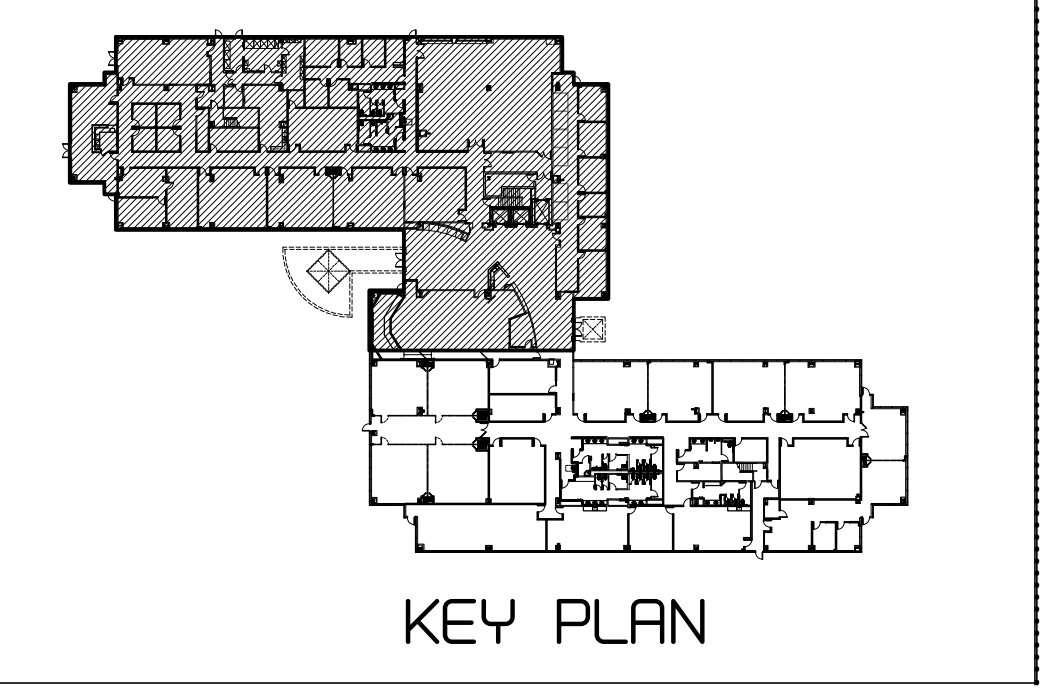
- SS 1** MANUFACTURER: CAESARSTONE
 COLOR NAME: 4600 ORGANIC WHITE
 POLISH: 3/4" SLAB
 LOCATION: 1ST FLOOR RECEPTION TRANSACTION CENTER
- SS 2** MANUFACTURER: PENTAL QUARTZ
 COLOR NAME: CRYSTAL WHITE 80850P
 POLISH: 3/4" SLAB
 LOCATION: BREAK ROOM COUNTER & BACK SPLASH
- SS 3** MANUFACTURER: QORTSTONE
 COLOR NAME: LUNA GRAY POLISHED 04055,
 3/4" SLAB
 LOCATION: RESTROOM COUNTERS
- SS 4** MANUFACTURER: PENTAL QUARTZ
 COLOR NAME: MISTERO POLISHED 808815P,
 3/4" SLAB
 LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION CENTER

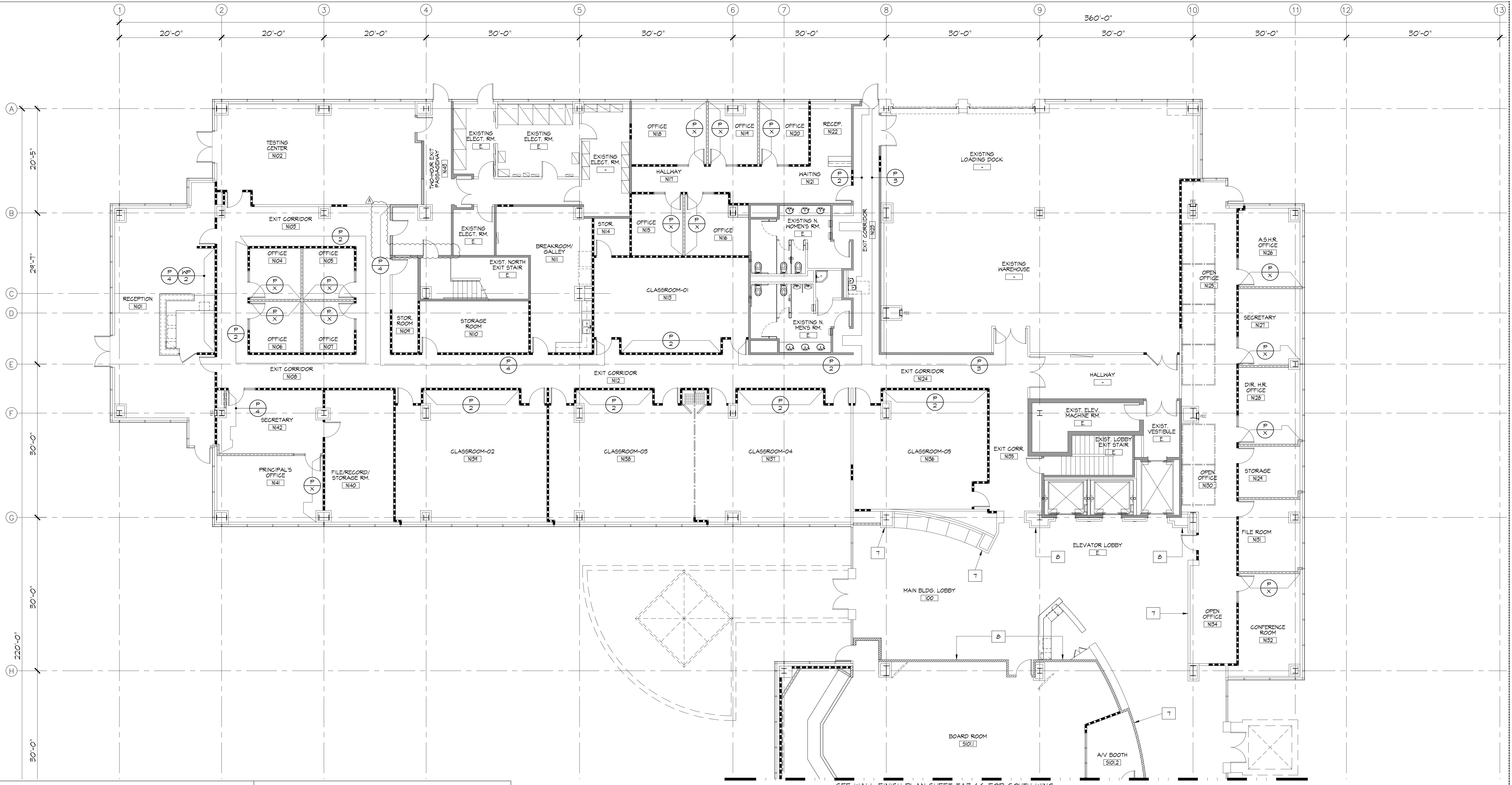
PLASTIC LAMINATES

- PL 1** MANUFACTURER: WILSONART
 COLOR: ASIAN NIGHT, 1949K-18
 FINISH: LINEARITY FINISH WITH AEON
 LOCATION: LOWER CABINETS - BREAK ROOMS
- PL 2** MANUFACTURER: NEVAMAR
 COLOR: ZEBRANO WHITE, KZ0080-TL
 FINISH: TIMBERLINE FINISH
 LOCATION: UPPER CABINETS - BREAK ROOMS
- PL 3** MANUFACTURER: NEVAMAR
 COLOR: JET BLACK, S-60355M
 FINISH: SUPER MATTE FINISH
 LOCATION: 1ST FLOOR RECEPTION
- PL 4** MANUFACTURER: WILSONART
 COLOR: LIMESTONE, 502085D-38
 FINISH: TEXTURED/SUEDE FINISH
 LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)
- PL 5** MANUFACTURER: NEVAMAR
 COLOR: HROUGHT IRON, S-6054T
 FINISH: TEXTURED FINISH
 LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

FABRICS

- F 1** MANUFACTURER: ARC COM
 STYLE NAME: APOLLO AC-63358
 COLOR NAME: CARIBEAN, #1
 SIZE: 54" W
 LOCATION: MAIN LOBBY BUILT-IN BENCH BACK
 NOTE: MUST BE FR FREE
 REP.: STACY NOCHENSON, (910)403-1342
- F 2** MANUFACTURER: ARC COM
 STYLE NAME: SPECTRUM AC-63358
 COLOR NAME: CHARCOAL, #40
 SIZE: 54" W
 LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING
 NOTE: MUST BE FR FREE
 REP.: STACY NOCHENSON, (910)403-1342





SEE WALL FINISH PLAN SHEET TA3.4.6 FOR SOUTH WING
1st FLOOR WALL FINISH PLAN - NORTH WING
SCALE: 1/8" = 1'-0"

GENERAL FINISH NOTES

- INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
- (RESERVED)
- PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
- PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
- DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
- PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
- PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
- ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
- VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIMING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
- CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING 1/4" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
- ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
- INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
- PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM "GENERAL PURPOSE" GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
- ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH KEYNOTES

- EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
- CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
- 2ND FLOOR APPLICABLE TO CONCRETE; ALTERNATIVE TO PROVIDE LVT IN 1ST FLOOR CONCRETE. NOT APPLICABLE TO PROVIDE LVT IN 1ST FLOOR CONCRETE.
- EXISTING FLOORING TO REMAIN.
- GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
- REUPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
- RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
- EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
- ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAU FINISH.
- FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-1.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.1		ROOMS & ENCLOSED SPACES	
OCCUPANCY GROUP	INTERIOR EXIT STAIRWAYS & EXIT PASSAGEWAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

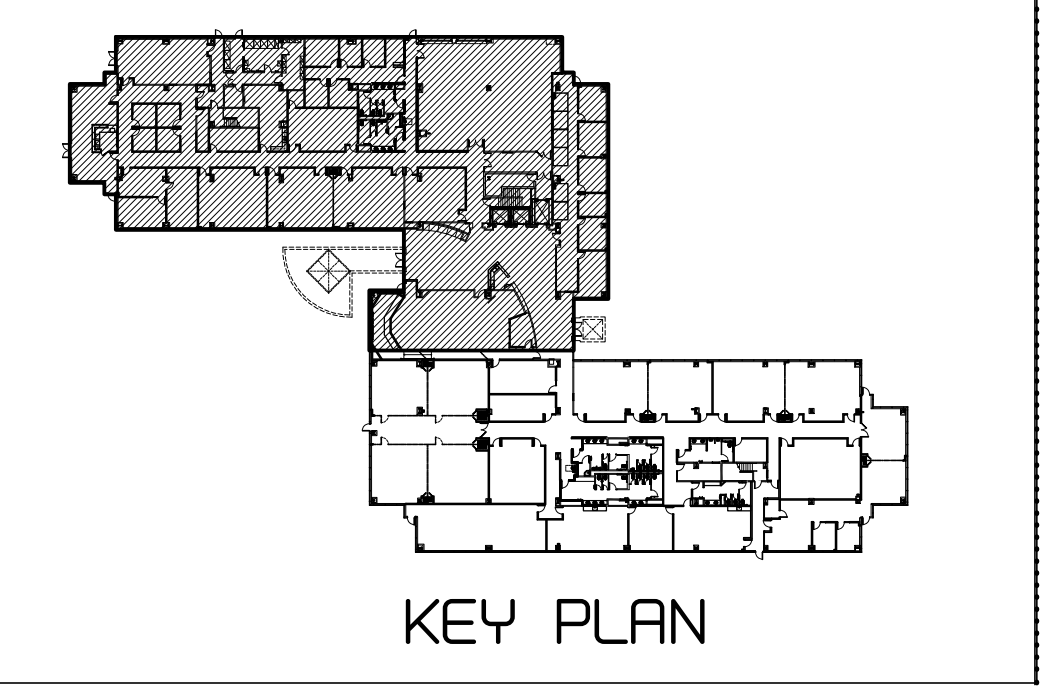
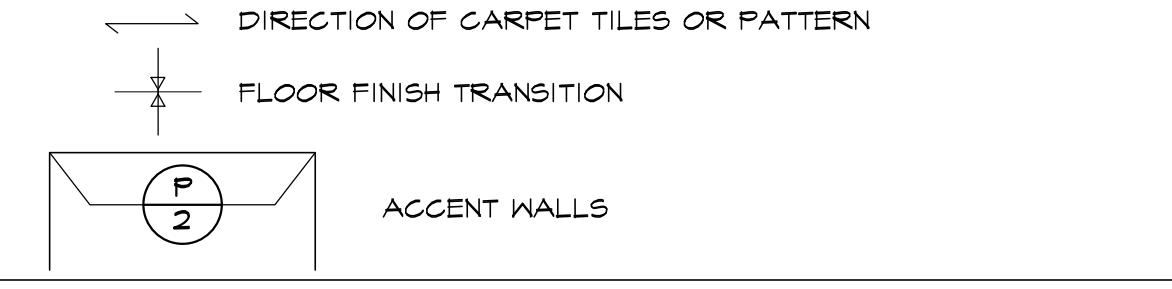
CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200, SMOKE-DEVELOPED INDEX 0-450

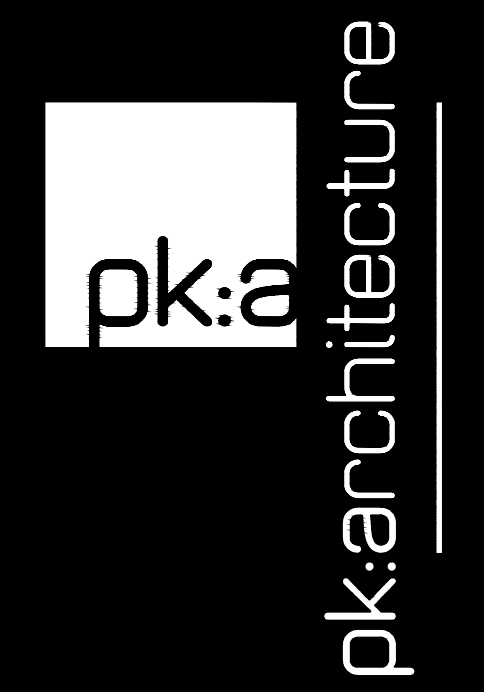
FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "1" OF CBC TABLE 803.1)

FINISH SCHEDULE

FLOORING FINISHES	CERAMIC TILE	PAINTS	CERAMIC WALL TILE	PLASTIC LAMINATES	WALL PANELS
CARPET C1 MANUFACTURER: TARKETT/TANDUS STYLE NAME: TEXTURE MAP 1124 COLOR: LANDING ZONE 42808 SIZE: 24" X 24" INSTALLATION: VERTICAL ASHLAR LOCATION: OFFICES, CONFERENCE ROOMS REP.: LESLIE FONCE, (818)962-6981	CT1 MANUFACTURER: DAL TILE STYLE NAME: FABRIQUE COLOR: BLANG LINEN P689 SIZE: 12" X 24" INSTALLATION: STAGGERED LOCATION: RESTROOMS REP.: IRVIN KELLER, (818)924-4018	P1 MANUFACTURER: DUNN EDWARDS COLOR: DEA 380 "WHITE" FINISH: EGGSHELL	CAT1 MANUFACTURER: EMER STYLE NAME: LOGIC COLOR: WHITE GLOSS SIZE: 4" X 16" INSTALLATION: STACKED LOCATION: RESTROOMS REP.: BRANDI SMITH, (818)711-5010	PL1 MANUFACTURER: NILONART COLOR: ASIAN NIGHT, 1949K-18 FINISH: LINEARITY FINISH WITH AEON LOCATION: LOWER CABINETS - BREAK ROOMS	WP1 MANUFACTURER: SUSTAINABLE FLOORING STYLE NAME: TEXTURA RECYCLED COLOR: JUNGLE MIX DARK SIZE: 12" X 60" X 3/8" INSTALLATION: HORIZONTAL LOCATION: 1ST FLOOR RECEPTION DESK REP.: GINDY ORTIZ, (949) 593-2578
C2 MANUFACTURER: PATGRAFT STYLE NAME: WALK FORWARD, ACCESS, 10533 COLOR: TREK, 00590 SIZE: 24" X 24" INSTALLATION: MONOLITH LOCATION: 1ST FLOOR RECEPTION REP.: JON ANDERSON, (818)583-5446	CT2 MANUFACTURER: DAL TILE STYLE NAME: CHORD COLOR: GANON GRAY, CH22 SIZE: 12" X 24" INSTALLATION: STAGGERED LOCATION: 2ND FLOOR ELEVATOR LOBBY REP.: IRVIN KELLER, (818)924-4018	P2 MANUFACTURER: DUNN EDWARDS COLOR: DE712 "STIEGLITZ SILVER" FINISH: EGGSHELL NOTE: ACCENT	CAT2 MANUFACTURER: DAL TILE STYLE NAME: IDYLIC BLENDS COLOR: SERENDE STORM, 1804 SIZE: 11" X 11" INSTALLATION: ACCENT LOCATION: RESTROOMS (MEN'S) REP.: IRVIN KELLER, (818)924-4018	PL2 MANUFACTURER: NEVAMAR COLOR: ZEBRAND WHITE, KZ0080-TL FINISH: TIMBERLINE FINISH LOCATION: UPPER CABINETS - BREAK ROOMS	WP2 MANUFACTURER: ATI LAMINATES STYLE NAME: MIRRORFLEX KALAHARI COLOR: MATTE WHITE SIZE: 4' X 10' INSTALLATION: HORIZONTAL LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION REP.: SUSAN NELLOR, (714) 591-2559
LVT1 MANUFACTURER: MANNINGTON STYLE NAME: ACCESS-WOOD COLOR: FROSTED OAK 5X5V6030 SIZE: 8 1/4" X 24" INSTALLATION: STAGGERED LOCATION: BREAK ROOMS REP.: TRACY KO, (805)554-1901	CONC1 EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL. SEAL TO BE SEMI-GLOSS FINISH LOCATION: THROUGHOUT	P3 MANUFACTURER: DUNN EDWARDS COLOR: DE3713 "STONE SILVER" FINISH: EGGSHELL NOTE: ACCENT	CAT3 MANUFACTURER: DAL TILE STYLE NAME: IDYLIC BLENDS COLOR: TRANQUIL, 810A SIZE: 11" X 11" INSTALLATION: ACCENT LOCATION: RESTROOMS (WOMEN'S) REP.: IRVIN KELLER, (818)924-4018	PL3 MANUFACTURER: NEVAMAR COLOR: JET BLACK, S-60555M FINISH: SUPER MATTE FINISH LOCATION: 1ST FLOOR RECEPTION	WP3 WOOD VENEER: WHITE OAK CUT: PLAIN SLICED COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY) INSTALLATION: VERTICAL LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION
LVT2 ALTERNATE MANUFACTURER: MO STYLE NAME: P-1 COLOR: WOOD SIZE: 24" X 24" INSTALLATION: STAGGERED LOCATION: 1ST FLOOR RECEPTION REP.: VALARY BRAL, (818)234-1171	CONC2 EXISTING CONCRETE TO REMAIN CLEAN AND SEAL. SEAL TO BE SEMI-GLOSS FINISH LOCATION: AS NOTED	P4 MANUFACTURER: DUNN EDWARDS COLOR: DE3714 "THUNDERCLOUD" FINISH: EGGSHELL NOTE: ACCENT	SS1 MANUFACTURER: CAESARSTONE COLOR NAME: 4600 ORGANIC WHITE POLISH: 3/4" SLAB LOCATION: 1ST FLOOR RECEPTION TRANSACTION CENTER	PL4 MANUFACTURER: NILONART COLOR: LIMESTONE, 5020850-38 FINISH: TEXTURED/SUEDE FINISH LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)	WP4 WOOD VENEER: WHITE OAK CUT: PLAIN SLICED COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY) INSTALLATION: VERTICAL LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION
BDT1 MANUFACTURER: ARMSTRONG STYLE NAME: STATI COLOR: 31853 PEARL WHITE SIZE: 12" X 12" LOCATION: SERVER ROOM	WALL FINISHES WB1 MANUFACTURER: JOHNSONITE COLOR: T46 BEDROCK GG SIZE: 4" LOCATION: THROUGHOUT	P5 MANUFACTURER: DUNN EDWARDS COLOR: DE386 "PRECIOUS PEARLS" FINISH: SEMI GLOSS NOTE: RESTROOMS	SS2 MANUFACTURER: PENTAL QUARTZ COLOR NAME: CRYSTAL WHITE 80850P 3/4" SLAB LOCATION: BREAK ROOM COUNTER & BACK SPLASH	PL5 MANUFACTURER: NEVAMAR COLOR: LIMESTONE, 5020850-38 FINISH: TEXTURED FINISH LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)	WP5 WOOD VENEER: WHITE OAK CUT: PLAIN SLICED COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY) INSTALLATION: VERTICAL LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION
	WALL BASE WB2 MANUFACTURER: JOHNSONITE COLOR: T46 BEDROCK GG SIZE: 4" LOCATION: THROUGHOUT	P6 MANUFACTURER: DUNN EDWARDS COLOR: DE380 "WHITE" FINISH: FLAT	SS3 MANUFACTURER: QORTSTONE COLOR NAME: LUNA GRAY POLISHED 04055, 3/4" SLAB LOCATION: RESTROOM COUNTERS	FABRICS F1 MANUFACTURER: ARC COM STYLE NAME: APOLLO, AC-63358 COLOR NAME: CARIBBEAN, #1 SIZE: 54" W LOCATION: MAIN LOBBY BUILT-IN BENCH BACK NOTE: MUST BE FR FREE REP.: STACY NOCHENSON, (910)403-1342	
		P7 MANUFACTURER: DUNN EDWARDS COLOR: DEA 181 "BLACK" FINISH: FLAT NOTE: FIRE SPRINKLER LINES	SS4 MANUFACTURER: PENTAL QUARTZ COLOR NAME: MISTERO POLISHED 808815P, 3/4" SLAB LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION CENTER	F2 MANUFACTURER: ARC COM STYLE NAME: SPECTRUM, AC-63358 COLOR NAME: CHARCOAL, #40 SIZE: 54" W LOCATION: MAIN LOBBY BUILT-IN BENCH, SEATING NOTE: MUST BE FR FREE REP.: STACY NOCHENSON, (910)403-1342	
		P8 MANUFACTURER: DUNN EDWARDS COLOR: DE3714 "THUNDERCLOUD" FINISH: EGGSHELL NOTE: ACCENT WALL, P1, P2, P3 OR P4, USER TO DETERMINE			

FINISH PLAN SYMBOLS LEGEND





5166 Leichard Drive, Suite 110
Agoura Hills, California 91301
P: 818.551.0057 F: 818.551.0018
www.pkarchitecture.net



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remarks	date
PROGRESS SET	10/14/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title

1st FLR. WALL FIN. PLAN - SOUTH WING

drawn by
project no 18-66-60
date
scale

TA3.4.6



GENERAL FINISH NOTES

- INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
- (RESERVED)
- PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
- PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
- DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
- PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
- PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
- ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
- VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIMING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT, PRIMERS TO BE ZERO V.O.C.
- CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNLUT PILE NOT EXCEEDING 1/4" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
- ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
- INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
- PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM "GENERAL PURPOSE" GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
- ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH KEYNOTES

- EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
- CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
- 2ND FLOOR APPLICABLE TO CONCRETE; ALTERNATIVE TO PROVIDE LVT IN 1ST FLOOR CONCRETE. NOT APPLICABLE TO PROVIDE LVT IN 1ST FLOOR CONCRETE.
- EXISTING FLOORING TO REMAIN.
- GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
- REUPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
- RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
- EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
- ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAW FINISH.
- FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-1.

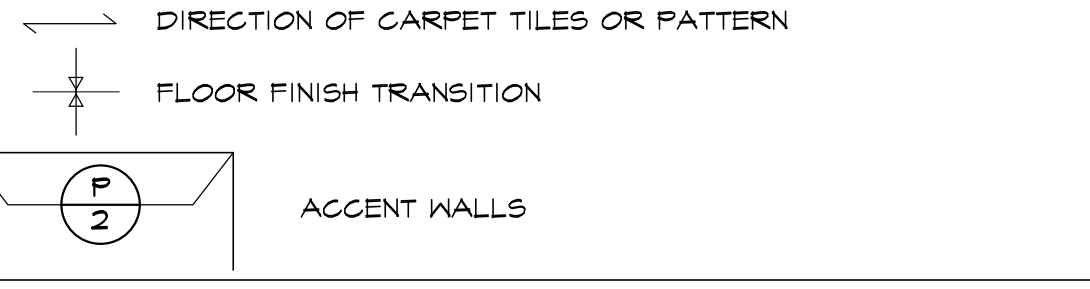
CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.1		ROOMS & ENCLOSED SPACES	
OCCUPANCY GROUP	INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY	STAIRWAYS & EXIT PASSAGEWAYS	CORRIDORS
A-3 *	B	B	C
B	B	B	C
CLASS B: FLAME SPREAD 26-75; SMOKE-DEVELOPED INDEX 0-450			
CLASS C: FLAME SPREAD 76-200; SMOKE-DEVELOPED INDEX 0-450			

FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "1" OF CBC TABLE 803.1)

FINISH PLAN SYMBOLS LEGEND

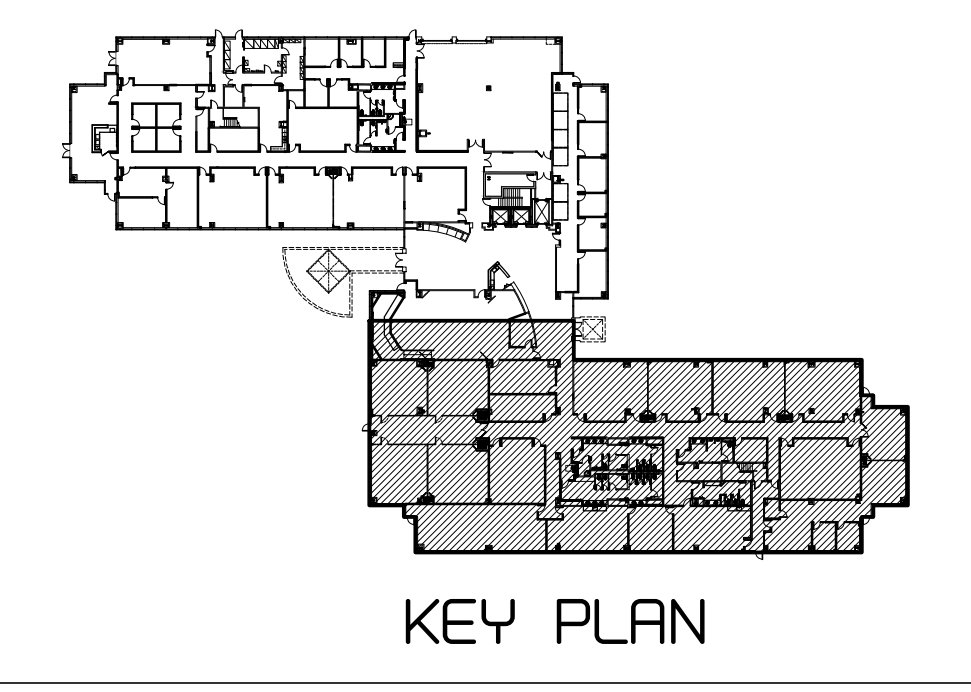


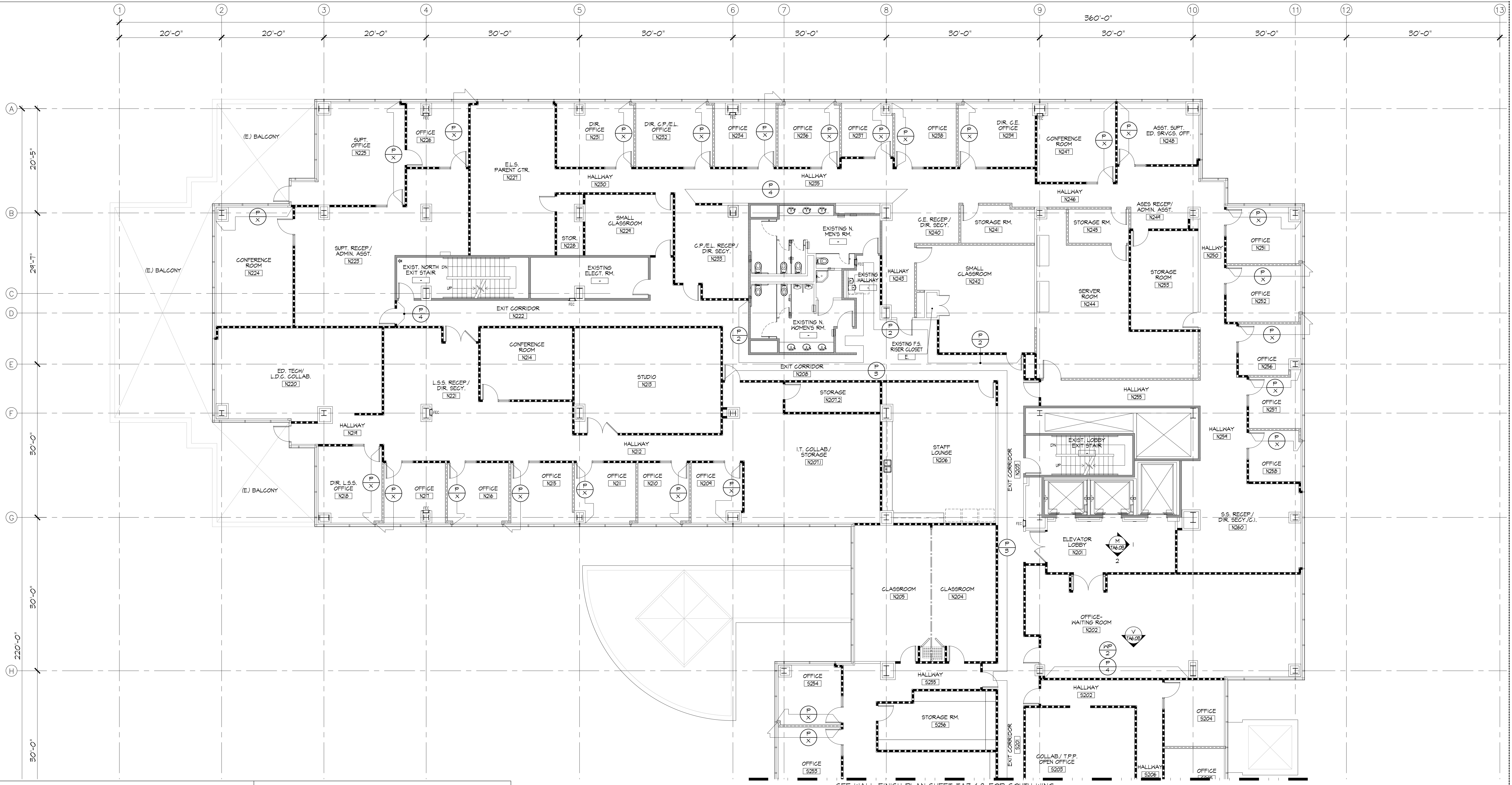
1st FLOOR WALL FINISH PLAN - SOUTH WING

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

FINISH SCHEDULE

FLOORING FINISHES	CERAMIC TILE	PAINTS	CERAMIC WALL TILE	PLASTIC LAMINATES	WALL PANELS
CARPET C1 MANUFACTURER: TARKETT/TANDUS STYLE NAME: TEXTURE MAP 1124 COLOR: LANDING ZONE 42808 SIZE: 24" X 24" INSTALLATION: VERTICAL ASHLAR LOCATION: OFFICES, CONFERENCE ROOMS REF.: LESLIE FONCE, (818)962-6851	CT 1 MANUFACTURER: DAL TILE STYLE NAME: FABRIQUE COLOR: SLANG LINEN P685 SIZE: 12" X 24" INSTALLATION: STAGGERED LOCATION: RESTROOMS REF.: IRVIN KELLER, (818)421-4018	P 1 MANUFACTURER: DUNN EDWARDS COLOR: DEA 380 "WHITE" FINISH: EGGSHELL	CAT 1 MANUFACTURER: EMER STYLE NAME: LOGIC COLOR: WHITE GLOSS SIZE: 4" X 16" INSTALLATION: STACKED LOCATION: RESTROOMS (MEN'S) REF.: BRANDI SMITH, (818)717-5010	PL 1 MANUFACTURER: WILSONART COLOR: ASIAN NIGHT, 1949K-18 FINISH: LINEARITY FINISH WITH Aeon LOCATION: LOWER CABINETS - BREAK ROOMS	WP 1 MANUFACTURER: SUSTAINABLE FLOORING STYLE NAME: TEXTURA RECYCLED COLOR: JUNGLE MIX DARK SIZE: 12" X 60" X 3/8" INSTALLATION: HORIZONTAL LOCATION: 1ST FLOOR RECEPTION DESK REF.: CINDY ORTIZ, (949) 593-2578
C 2 MANUFACTURER: PATGRAFT STYLE NAME: WALK FORWARD, ACCESS, 10553 COLOR: TRF, 00590 SIZE: 24" X 24" INSTALLATION: MONOLITHIC LOCATION: 1ST FLOOR RECEPTION REF.: JON ANDERSON, (818)583-5446	CT 2 MANUFACTURER: DAL TILE STYLE NAME: CHORD COLOR: GANON GRAY, CH22 SIZE: 12" X 24" INSTALLATION: STAGGERED LOCATION: 2ND FLOOR ELEVATOR LOBBY REF.: IRVIN KELLER, (818)421-4018	P 2 MANUFACTURER: DUNN EDWARDS COLOR: DEB12 "STIEGLITZ SILVER" FINISH: EGGSHELL NOTE: ACCENT	CAT 2 MANUFACTURER: DAL TILE STYLE NAME: IDYLIC BLENDS COLOR: SERENITY STORM, 1804 SIZE: 11" X 11" INSTALLATION: ACCENT LOCATION: RESTROOMS (WOMEN'S) REF.: IRVIN KELLER, (818)421-4018	PL 2 MANUFACTURER: NEVAMAR COLOR: ZEBRANO WHITE, KZ0080-TL FINISH: TIMBERLINE FINISH LOCATION: UPPER CABINETS - BREAK ROOMS	WP 2 MANUFACTURER: ATI LAMINATES STYLE NAME: MIRRORFLEX KALAHARI COLOR: MATTE WHITE SIZE: 4' X 10' INSTALLATION: HORIZONTAL LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION REF.: SUSAN NELLOR, (714) 597-2559
LVT 1 MANUFACTURER: MANNINGTON STYLE NAME: ACCESS-WOOD COLOR: FROSTED OAK 5X5V8020 SIZE: 36" X 36" INSTALLATION: STAGGERED LOCATION: BREAK ROOMS REF.: TRACY KO, (805)594-1907	CONC 1 EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL. SEAL TO BE SEMI-GLOSS FINISH LOCATION: THROUGHOUT	P 3 MANUFACTURER: DUNN EDWARDS COLOR: DEB36 "PRECIOUS PEARLS" FINISH: SEMI GLOSS NOTE: ACCENT	CAT 3 MANUFACTURER: DAL TILE STYLE NAME: IDYLIC BLENDS COLOR: TRANQUIL, 500A, 1501 SIZE: 11" X 11" INSTALLATION: ACCENT LOCATION: RESTROOMS (WOMEN'S) REF.: IRVIN KELLER, (818)421-4018	PL 3 MANUFACTURER: NEVAMAR COLOR: JET BLACK, S-60355M FINISH: SUPER MATTE FINISH LOCATION: UPPER CABINETS - BREAK ROOMS	WP 3 WOOD VENEER: WHITE OAK CUT: PLAIN SLICED COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY) INSTALLATION: VERTICAL LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION
LVT 2 ALTERNATE MANUFACTURER: MO STYLE NAME: P-1 COLOR: FROSTED OAK 5X5V8020 SIZE: 36" X 36" INSTALLATION: STAGGERED LOCATION: 1ST FLOOR RECEPTION REF.: VALARY BRAL, (818)324-1171	CONC 2 EXISTING CONCRETE TO REMAIN CLEAN AND SEAL. SEAL TO BE SEMI-GLOSS FINISH LOCATION: AS NOTED	P 4 MANUFACTURER: DUNN EDWARDS COLOR: DEB14 "THUNDERCLOUD" FINISH: EGGSHELL NOTE: ACCENT	SS 1 MANUFACTURER: CAESARSTONE COLOR NAME: 4600 ORGANIC WHITE LOCATION: 1ST FLOOR RECEPTION TRANSACTION CENTER	PL 4 MANUFACTURER: WILSONART COLOR: LIMESTONE, 5020850-38 FINISH: TEXTURED/SUEDE FINISH LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK	
BDT 1 MANUFACTURER: ARMSTRONG STYLE NAME: STATI COLOR: 5153 PEARL WHITE SIZE: 12" X 12" LOCATION: SERVER ROOM	WALL FINISHES WALL BASE WB 1 MANUFACTURER: JOHNSONITE COLOR: T46 BEDROCK GG SIZE: 4" LOCATION: THROUGHOUT	P 5 MANUFACTURER: DUNN EDWARDS COLOR: DEB36 "PRECIOUS PEARLS" FINISH: SEMI GLOSS NOTE: RESTROOMS	SS 2 MANUFACTURER: PENTAL QUARTZ COLOR NAME: CRYSTAL WHITE 80850P 3/4" SLAB POLISHED LOCATION: BREAK ROOM COUNTER & BACK SPLASH	PL 5 MANUFACTURER: NEVAMAR COLOR: HROUGHT IRON, S-6054T FINISH: TEXTURED FINISH LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)	
		P 6 MANUFACTURER: DUNN EDWARDS COLOR: DEA 380 "WHITE" FINISH: FLAT	SS 3 MANUFACTURER: QORTSTONE COLOR NAME: LUNA GRAY POLISHED 04055, 3/4" SLAB LOCATION: RESTROOM COUNTERS	FABRICS F 1 MANUFACTURER: ARC COM STYLE NAME: APOLLO, AC-63358 COLOR NAME: CARIBBEAN, #1 SIZE: 54" W LOCATION: MAIN LOBBY BUILT-IN BENCH BACK NOTE: MUST BE FR FREE REF.: STACY NOCHENSON, (910)403-1342	
		P 7 MANUFACTURER: DUNN EDWARDS COLOR: DEA 181 "BLACK" FINISH: FLAT NOTE: FIRE SPRINKLER LINES	SS 4 MANUFACTURER: PENTAL QUARTZ COLOR NAME: MISTERO POLISHED 808815P, 3/4" SLAB LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION CENTER	F 2 MANUFACTURER: ARC COM STYLE NAME: SPECTRUM, AC-63358 COLOR NAME: CHARCOAL, #40 SIZE: 54" W LOCATION: MAIN LOBBY BUILT-IN BENCH SEATING NOTE: MUST BE FR FREE REF.: STACY NOCHENSON, (910)403-1342	





SEE WALL FINISH PLAN SHEET TA3.4.8 FOR SOUTH WING

2nd FLOOR WALL FINISH PLAN - NORTH WING

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

GENERAL FINISH NOTES

- INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
- (RESERVED)
- PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
- PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
- DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
- PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
- PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
- ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
- VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIMING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
- CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNCUT PILE NOT EXCEEDING 1/4" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
- ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
- INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
- PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM "GENERAL PURPOSE" GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
- ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH KEYNOTES

- EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
- CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
- 2ND FLOOR CONCRETE: ALTERNATIVE TO PROVIDE LVT IN 1. NOT APPLICABLE TO CONCRETE. NOT APPLICABLE TO PROVIDE LVT IN 1. NOT APPLICABLE TO CONCRETE.
- EXISTING FLOORING TO REMAIN.
- GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
- REUPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
- RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
- EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
- ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAIN FINISH.
- FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-1.

CODE REQUIREMENTS

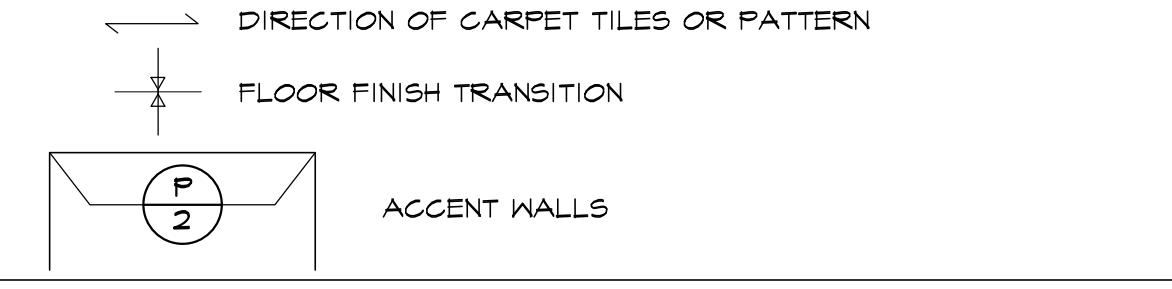
INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.1			
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY		ROOMS & ENCLOSURE SPACES	
OCCUPANCY GROUP	INTERIOR WALL	INTERIOR CEILING	STAIRWAYS & EXIT PASSAGEWAYS
GROUP A	A-3 *	B	B
GROUP B	B	B	C
GROUP C	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200, SMOKE-DEVELOPED INDEX 0-450

FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "1" OF CBC TABLE 803.1)

FINISH PLAN SYMBOLS LEGEND



FLOORING FINISHES

- CARPET**
- MANUFACTURER: TARKETT/TANOUS
STYLE NAME: TEXTURE MAP 1124
COLOR: LANDING ZONE 42808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP.: LESLIE FONCE, (818)962-6481
 - MANUFACTURER: PATGRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10553
COLOR: TRK, 005940
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP.: JON ANDERSON, (818)585-5446
- LUXURY VINYL TILE**
- MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS-WOOD
COLOR: FROSTED OAK 5X5V6030
SIZE: 5'4" X 5'4"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP.: TRACY KO, (805)554-1907
- ALTERNATE LVT**
- MANUFACTURER: MO
STYLE NAME: P
COLOR: W
SIZE: 5'4" X 5'4"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR RECEPTION
REP.: VALARY BRAL, (818)924-4171

CONCRETE FLOORS

- EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL.
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT
- EXISTING CONCRETE TO REMAIN CLEAN AND SEAL.
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

- WALL BASE**
- MANUFACTURER: JOHNSONITE
COLOR: T46 BEDROCK GG
SIZE: 4"
LOCATION: THROUGHOUT

COMPOSITION TILE

- MANUFACTURER: ARMSTRONG
STYLE NAME: STATI
COLOR: 3183 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

- CT 1**
- MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: SLANG LINEN P685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP.: IRVIN KELLER, (818)924-4018
 - MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: GANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP.: IRVIN KELLER, (818)924-4018
- CONCRETE FLOORS**
- EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL.
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT
 - EXISTING CONCRETE TO REMAIN CLEAN AND SEAL.
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

PAINTS

- MANUFACTURER: DUNN EDWARDS
COLOR: DEA 380 "WHITE"
FINISH: EGGSHELL
- MANUFACTURER: DUNN EDWARDS
COLOR: DEB12 "STIEGLITZ SILVER"
FINISH: EGGSHELL
NOTE: ACCENT
- MANUFACTURER: DUNN EDWARDS
COLOR: DEB36 "PRECIOUS PEARLS"
FINISH: SEMI GLOSS
NOTE: RESTROOMS
- MANUFACTURER: DUNN EDWARDS
COLOR: DEB86 "WHITE"
FINISH: FLAT
- MANUFACTURER: DUNN EDWARDS
COLOR: DEA 101 "BLACK"
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES
- MANUFACTURER: DUNN EDWARDS
COLOR: DEB14 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT
- MANUFACTURER: DUNN EDWARDS
COLOR: DEB14 "THUNDERCLOUD"
FINISH: EGGSHELL
NOTE: ACCENT WALL, R1, R2, R3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

- CWT 1**
- MANUFACTURER: EMER
STYLE NAME: LOGIC
COLOR: WHITE GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP.: BRANDI SMITH, (818)711-5010
 - MANUFACTURER: DAL TILE
STYLE NAME: IDYLIC BLENDS
COLOR: SERENDE STORM, 1004
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP.: IRVIN KELLER, (818)924-4018
 - MANUFACTURER: DAL TILE
STYLE NAME: IDYLIC BLENDS
COLOR: TRANQUIL SWAN, 1501
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP.: IRVIN KELLER, (818)924-4018

SOLID SURFACES

- MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE
POLISHED 1/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION CENTER
- MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE 80850P
COLOR: 5/4" SLAB
LOCATION: BREAK ROOM COUNTER & BACK SPLASH
- MANUFACTURER: QORTSTONE
COLOR NAME: LUNA GRAY POLISHED 04055,
5/4" SLAB
LOCATION: RESTROOM COUNTERS
- MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERO POLISHED 808815P,
5/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION CENTER

PLASTIC LAMINATES

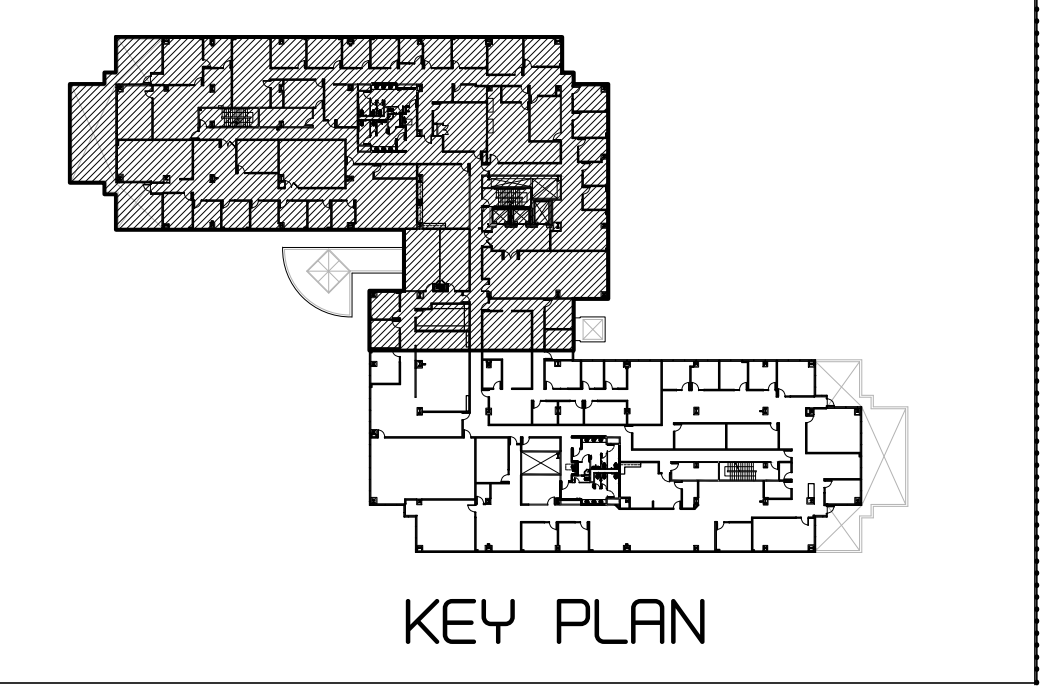
- MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, T949K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS
- MANUFACTURER: NEVAMAR
COLOR: ZEBRANO WHITE, KZ0080-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS
- MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-60555M
FINISH: SUPER MATTE FINISH
LOCATION: 1ST FLOOR RECEPTION
- MANUFACTURER: WILSONART
COLOR: LIMESTONE, S620850-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)
- MANUFACTURER: NEVAMAR
COLOR: THROUGH IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

WALL PANELS

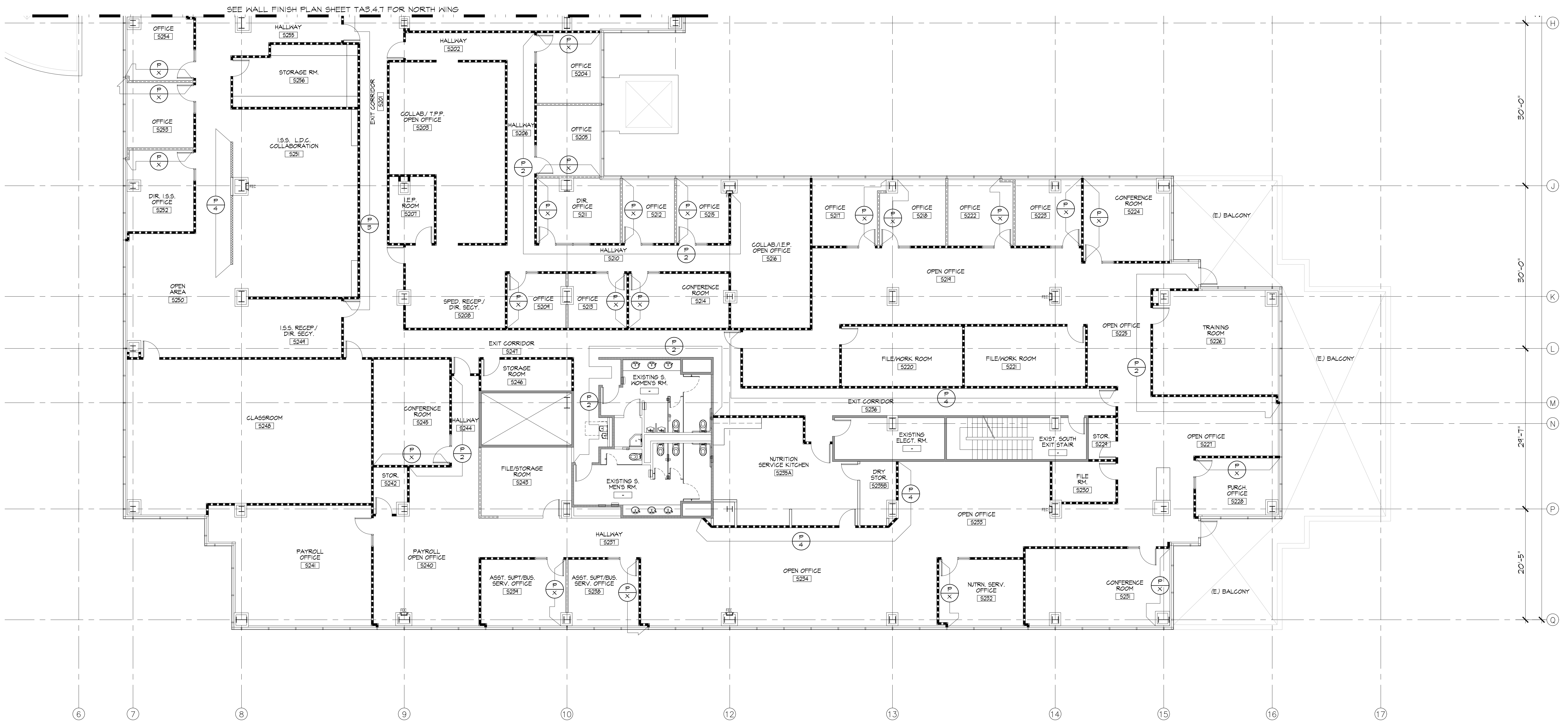
- MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEXTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 5/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP.: GINDY ORTIZ, (949) 593-2578
- MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRRORFLEX KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION
REP.: SUSAN NELLOR, (714) 591-2559
- WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION

FABRICS

- MANUFACTURER: ARC COM
STYLE NAME: APOLLO AC-63358
COLOR NAME: CARIBBEAN, #1
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH BACK
NOTE: MUST BE FR FREE
REP.: STACY NOCHENSON, (910)403-1342
- MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" W
LOCATION: MAIN LOBBY BUILT-IN BENCH SEATING
NOTE: MUST BE FR FREE
REP.: STACY NOCHENSON, (910)403-1342



KEY PLAN



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remarks	date
PROGRESS SET	10/1/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title

2nd FLR. WALL. FIN. PLAN - SOUTH WING

drawn by	
project no	18-66-60
date	
scale	

TA3.4.8

2nd FLOOR WALL FINISH PLAN - SOUTH WING

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

GENERAL FINISH NOTES

- INSTALL ALL FINISHES PER MANUFACTURER'S PREFERRED RECOMMENDATIONS. PREP. FLOOR/WALL AS REQUIRED.
- (RESERVED)
- PROVIDE STRAIGHT BASE AT ALL CARPET, CONCRETE AND RESILIENT FLOORING WHERE NOTED.
- PROVIDE VINYL (BLACK) REDUCER STRIP AT ALL CONCRETE-TO-CARPET AND CARPET-TO-RESILIENT TILE TRANSITIONS.
- DIRECTION OF CARPET TILES AS INDICATED BY ARROWS ON PLANS.
- PAINT THROUGHOUT TO BE (P-1) UNLESS NOTED OTHERWISE.
- PROVIDE (P-6) PAINT ON ALL SOFFITS / HARD LID CEILINGS UNLESS NOTED OTHERWISE.
- ALL PAINTS SHALL BE MINIMUM ONE (1) COAT OF PRIMER, OR MORE IF RECOMMENDED BY THE MANUFACTURER AND TWO (2) COATS OF FINISH COLOR.
- VERIFY MANUFACTURER'S SPECIFICATIONS PRIOR TO PRIMING AND PROVIDE PRIMER COATS FOR ALL COLOR THAT REQUIRE IT; PRIMERS TO BE ZERO V.O.C.
- CARPET OR CARPET TILES ARE TO BE SECURELY ATTACHED AND HAVE A LEVEL LOOP, TEXTURED LOOP LEVEL-CUT PILE OR LEVEL-CUT/UNLUT PILE NOT EXCEEDING 1/4" IN HEIGHT. EXPOSED EDGES OF CARPET ARE TO BE FASTENED TO THE FLOOR SURFACES AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE.
- ALL FLOOR TRANSITIONS BETWEEN ROOMS TO OCCUR AT CENTERLINE OF DOOR WHEN CLOSED, UNLESS NOTED OTHERWISE.
- INSTALL SPECIFIED RUBBER BASE THROUGHOUT, U.N.O. USE "ROLLED GOODS" ONLY.
- PLASTIC LAMINATE INSTALLED ON HORIZONTAL SURFACES TO BE MINIMUM "GENERAL PURPOSE" GRADE AND TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- ALL CABINET DOOR AND DRAWER EDGES TO BE FINISHED IN PLASTIC LAMINATE TO MATCH FRONTS, NO EDGE BANDING.
- ALL JOINTS WHERE MILLWORK PLASTIC LAMINATE MEETS DRYWALL ARE TO BE CAULKED IN COLOR TO EITHER MATCH PLASTIC LAMINATE OR PAINT ON WALL.

FINISH PLAN SYMBOLS LEGEND

→ DIRECTION OF CARPET TILES OR PATTERN
— FLOOR FINISH TRANSITION
⊕ ACCENT WALLS

FINISH KEYNOTES

- EXPOSED CONCRETE FLOOR THROUGHOUT, UNLESS NOTED OTHERWISE (CONC-1).
- CLEAN, POLISH AND SEAL EXISTING EXPOSED CONCRETE EXCEPT WHERE OTHER FLOORING IS INSTALLED (CONC-1).
- 2ND FLOOR APPLICABLE TO CONCRETE; ALTERNATIVE TO PROVIDE LVT IN NOT APPLICABLE TO CONCRETE.
- EXISTING FLOORING TO REMAIN.
- GENERAL CONTRACTOR TO CONFIRM EXISTING FLOORING AT EXISTING STAIRS HAVE CONTRASTING STRIP AT TREADS.
- REUPHOLSTER EXISTING BUILT-IN BENCH. REPAIR SEAT AND BACK CUSHION AS REQUIRED.
- RE-STAIN EXISTING WOOD PANELS TO MATCH ARCHITECT'S SAMPLE. SAND, PATCH AND REPAIR AS REQUIRED.
- EXISTING REVEALS TO REMAIN, NEW PAINT, PATCH AND REPAIR AS REQUIRED.
- ALL EXPOSED STRUCTURE ABOVE TO BE PAINTED P-1. RIGID DUCTWORK AND ELECTRICAL CONDUITS TO BE LEFT ORIGINAL RAU FINISH.
- FIRE SPRINKLER LINES THROUGHOUT TO BE PAINTED P-1.

CODE REQUIREMENTS

INTERIOR FINISH MATERIALS APPLIED TO WALLS AND CEILINGS SHALL BE TESTED AS SPECIFIED IN SECTION 803 OF THE CBC.

TABLE 803.1			
OCCUPANCY GROUP IN SPRINKLERED BUILDING	INTERIOR EXIT STAIRWAYS & EXIT PASSAGEWAYS	CORRIDORS	ROOMS & ENCLOSED SPACES
A-3 *	B	B	C
B	B	C	C

CLASS B: FLAME SPREAD 26-75, SMOKE-DEVELOPED INDEX 0-450
CLASS C: FLAME SPREAD 76-200, SMOKE-DEVELOPED INDEX 0-450
FOR A-3 OCCUPANCIES, WOOD USED FOR ORNAMENTAL PURPOSES, TRUSSES, PANELING OR CHANCEL FURNISHING SHALL BE PERMITTED. (PER FOOTNOTE "1" OF CBC TABLE 803.1)

FINISH SCHEDULE

FLOORING FINISHES

CARPET

C1 MANUFACTURER: TARKETT/TANDUS
STYLE NAME: TEXTURE MAP 1124
COLOR: LANDING ZONE 42808
SIZE: 24" X 24"
INSTALLATION: VERTICAL ASHLAR
LOCATION: OFFICES, CONFERENCE ROOMS
REP.: LESLIE FORCE, (818)583-6481

C2 MANUFACTURER: PATGRAFT
STYLE NAME: WALK FORWARD, ACCESS, 10533
COLOR: TRK, 00540
SIZE: 24" X 24"
INSTALLATION: MONOLITHIC
LOCATION: 1ST FLOOR RECEPTION
REP.: JON ANDERSON, (818)583-5446

LUXURY VINYL TILE

LVT1 MANUFACTURER: MANNINGTON
STYLE NAME: ACCESS-WOOD
COLOR: FROSTED OAK 5X5V6030
SIZE: 54" X 54"
INSTALLATION: STAGGERED
LOCATION: BREAK ROOMS
REP.: TRACY KO, (805)554-1907

ALTERNATIVE TO APPLICABLE TO PROVIDE LVT IN NOT APPLICABLE TO CONCRETE.

CONCRETE FLOORS

CONC1 EXISTING CONCRETE TO REMAIN CLEAN, POLISH AND SEAL.
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: THROUGHOUT

CONC2 EXISTING CONCRETE TO REMAIN CLEAN AND SEAL.
SEAL TO BE SEMI-GLOSS FINISH
LOCATION: AS NOTED

WALL FINISHES

WALL BASE

WB1 MANUFACTURER: JOHNSONITE
COLOR: T46 BEDROCK GG
SIZE: 4"
LOCATION: THROUGHOUT

COMPOSITION TILE

BDT1 MANUFACTURER: ARMSTRONG
STYLE NAME: STATIC
DISPENSATIVE TILE
COLOR: S183 PEARL WHITE
SIZE: 12" X 12"
LOCATION: SERVER ROOM

CERAMIC TILE

CT1 MANUFACTURER: DAL TILE
STYLE NAME: FABRIQUE
COLOR: BLANG LINEN P685
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: RESTROOMS
REP.: IRVIN KELLER, (818)924-4018

CT2 MANUFACTURER: DAL TILE
STYLE NAME: CHORD
COLOR: GANON GRAY, CH22
SIZE: 12" X 24"
INSTALLATION: STAGGERED
LOCATION: 2ND FLOOR ELEVATOR LOBBY
REP.: IRVIN KELLER, (818)924-4018

PAINTS

P1 MANUFACTURER: DUNN EDWARDS
COLOR: DEA 380 'WHITE'
FINISH: EGGSHELL

P2 MANUFACTURER: DUNN EDWARDS
COLOR: DEB12 'STIEGLITZ SILVER'
FINISH: EGGSHELL
NOTE: ACCENT

P3 MANUFACTURER: DUNN EDWARDS
COLOR: DEB73 'STONE SILVER'
FINISH: EGGSHELL
NOTE: ACCENT

P4 MANUFACTURER: DUNN EDWARDS
COLOR: DEB74 'THUNDERCLOUD'
FINISH: EGGSHELL
NOTE: ACCENT

P5 MANUFACTURER: DUNN EDWARDS
COLOR: DEB86 'PRECIOUS PEARLS'
FINISH: SEMI GLOSS
NOTE: RESTROOMS

P6 MANUFACTURER: DUNN EDWARDS
COLOR: DEB 380 'WHITE'
FINISH: FLAT

P7 MANUFACTURER: DUNN EDWARDS
COLOR: DEA 181 'BLACK'
FINISH: FLAT
NOTE: FIRE SPRINKLER LINES

P8 MANUFACTURER: DUNN EDWARDS
COLOR: DEB74 'THUNDERCLOUD'
FINISH: EGGSHELL
NOTE: ACCENT WALL, R1, R2, R3 OR P4, USER TO DETERMINE

CERAMIC WALL TILE

CWT1 MANUFACTURER: EMER
STYLE NAME: LOGIC
COLOR: WHITE GLOSS
SIZE: 4" X 16"
INSTALLATION: STACKED
LOCATION: RESTROOMS
REP.: BRANDI SMITH, (818)717-5010

CWT2 MANUFACTURER: DAL TILE
STYLE NAME: IDYLIC BLENDS
COLOR: SERENDE STORM, 1B04
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (MEN'S)
REP.: IRVIN KELLER, (818)924-4018

CWT3 MANUFACTURER: DAL TILE
STYLE NAME: IDYLIC BLENDS
COLOR: TRANQUIL, 5W01
SIZE: 11" X 11"
INSTALLATION: ACCENT
LOCATION: RESTROOMS (WOMEN'S)
REP.: IRVIN KELLER, (818)924-4018

SOLID SURFACES

SS1 MANUFACTURER: CAESARSTONE
COLOR NAME: 4600 ORGANIC WHITE
POLISHED 3/4" SLAB
LOCATION: 1ST FLOOR RECEPTION TRANSACTION CENTER

SS2 MANUFACTURER: PENTAL QUARTZ
COLOR NAME: CRYSTAL WHITE B0850P
COLOR: CARIBEAN, #1
SIZE: 54" X 54"
LOCATION: BREAK ROOM COUNTER & BACK SPLASH

SS3 MANUFACTURER: QORTSTONE
COLOR NAME: LUNA GRAY POLISHED 04055,
3/4" SLAB
LOCATION: RESTROOM COUNTERS

SS4 MANUFACTURER: PENTAL QUARTZ
COLOR NAME: MISTERO POLISHED B08815P,
3/4" SLAB
LOCATION: MAIN LOBBY & BOARD ROOM TRANSACTION CENTER

PLASTIC LAMINATES

PL1 MANUFACTURER: WILSONART
COLOR: ASIAN NIGHT, 1949K-18
FINISH: LINEARITY FINISH WITH AEON
LOCATION: LOWER CABINETS - BREAK ROOMS

PL2 MANUFACTURER: NEVAMAR
COLOR: ZEBRAND WHITE, KZ0080-TL
FINISH: TIMBERLINE FINISH
LOCATION: UPPER CABINETS - BREAK ROOMS

PL3 MANUFACTURER: NEVAMAR
COLOR: JET BLACK, S-60355M
FINISH: SUPER MATTE FINISH
LOCATION: 1ST FLOOR RECEPTION

PL4 MANUFACTURER: WILSONART
COLOR: LIMESTONE, 502085D-38
FINISH: TEXTURED/SUEDE FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION) & BOARD ROOM DESK

PL5 MANUFACTURER: NEVAMAR
COLOR: HROUGHT IRON, S-6054T
FINISH: TEXTURED FINISH
LOCATION: BUILT-IN RECEPTION DESK (MAIN LOBBY & 1ST FLOOR RECEPTION)

WALL PANELS

WP1 MANUFACTURER: SUSTAINABLE FLOORING
STYLE NAME: TEXTURA RECYCLED
COLOR: JUNGLE MIX DARK
SIZE: 12" X 60" X 5/8"
INSTALLATION: HORIZONTAL
LOCATION: 1ST FLOOR RECEPTION DESK
REP.: CINDY ORTIZ, (949) 583-2578

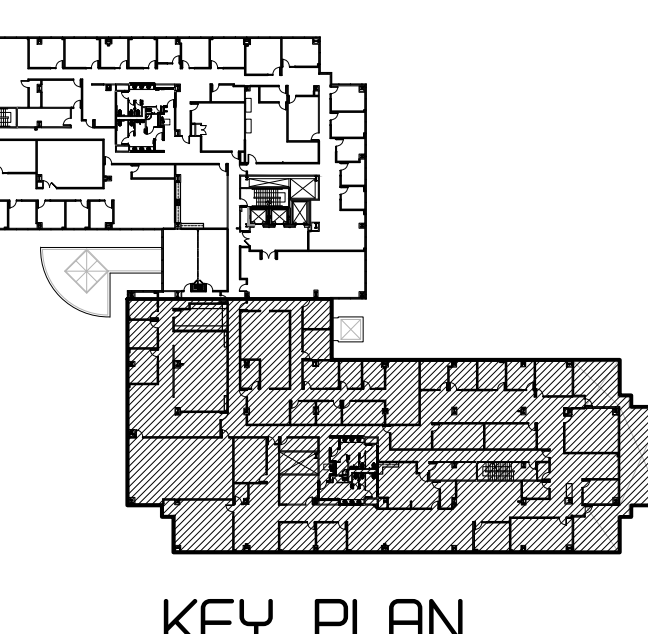
WP2 MANUFACTURER: ATI LAMINATES
STYLE NAME: MIRRORFLEX KALAHARI
COLOR: MATTE WHITE
SIZE: 4' X 10'
INSTALLATION: HORIZONTAL
LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION
REP.: SUSAN NELLOR, (714) 591-2553

WP3 WOOD VENEER: WHITE OAK
CUT: PLAIN SLICED
COLOR: MATCH ARCHITECT'S SAMPLE (DARK BROWN GRAY)
INSTALLATION: VERTICAL
LOCATION: BACK HALL AT 1ST & 2ND FLOORS RECEPTION

FABRICS

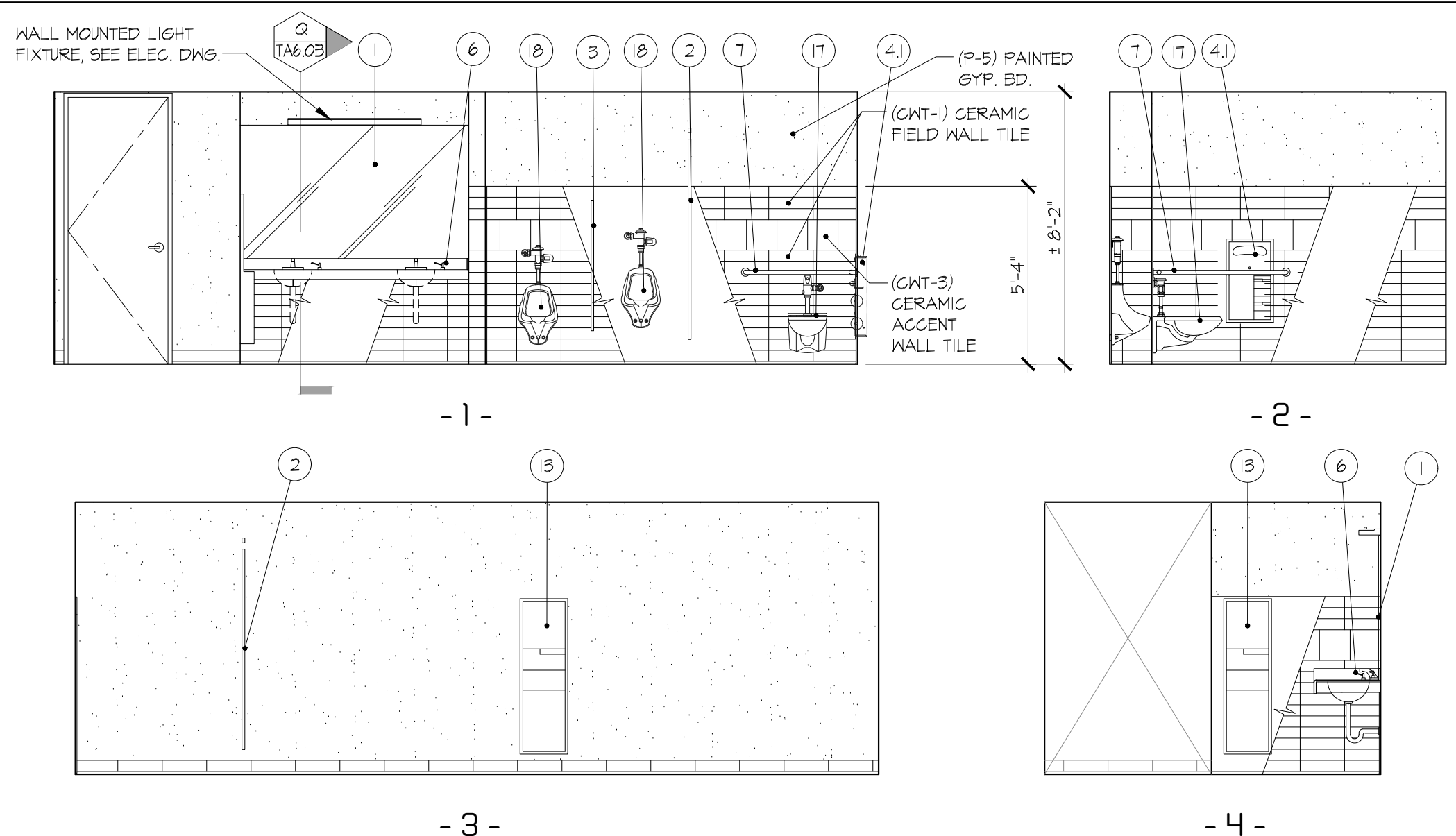
F1 MANUFACTURER: ARC COM
STYLE NAME: APOLLO AC-63358
COLOR NAME: CARIBEAN, #1
SIZE: 54" X 54"
LOCATION: MAIN LOBBY BUILT-IN BENCH BACK
NOTE: MUST BE FR FREE
REP.: STACY NOCHENSON, (910)403-1342

F2 MANUFACTURER: ARC COM
STYLE NAME: SPECTRUM AC-63358
COLOR NAME: CHARCOAL, #40
SIZE: 54" X 54"
LOCATION: MAIN LOBBY BUILT-IN BENCH SEATING
NOTE: MUST BE FR FREE
REP.: STACY NOCHENSON, (910)403-1342

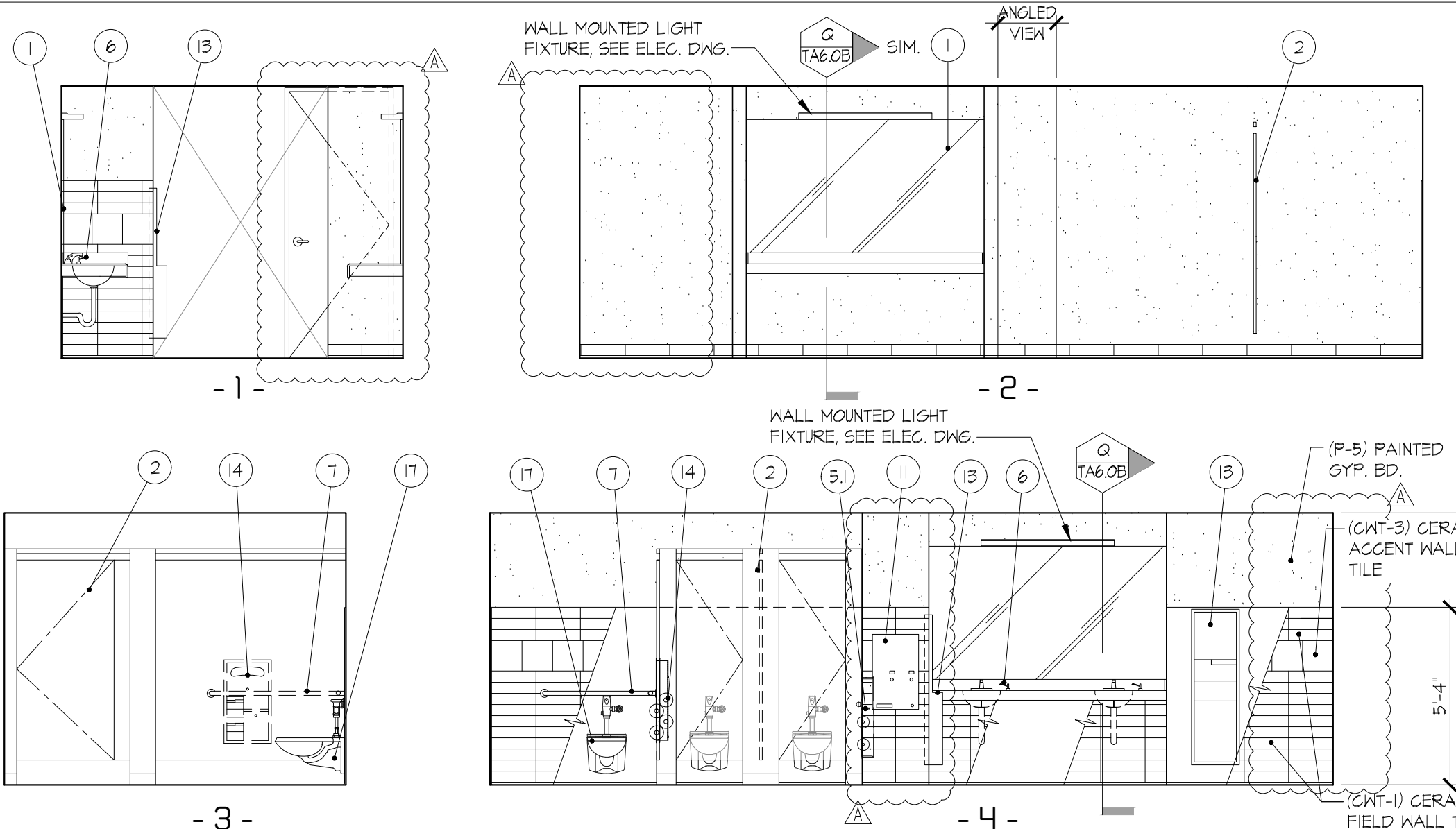


ACCESSORIES SCHEDULE / KEYNOTES

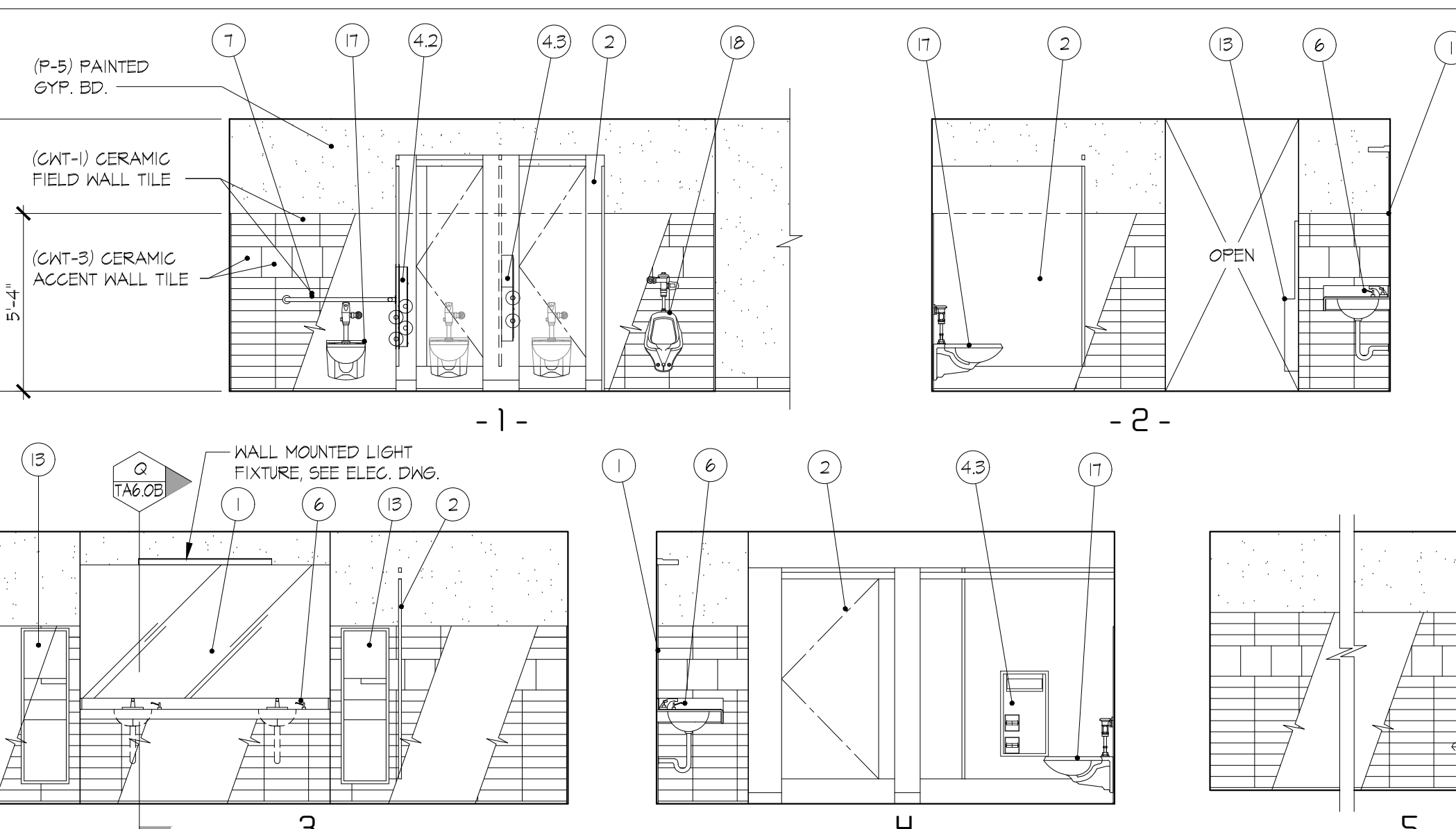
- 1 B-2404 LAMINATED 1/4" FLOAT/PLATE GLASS MIRROR WITH 5-YEAR SILVER SPOILAGE WARRANTY, BACK PROTECTED WITH 1/8" POLYETHYLENE PADDING, SIZE: 48" H. X FULL WIDTH.
- 2 HEADRAIL BRACED TOILET PARTITIONS, 12" HIGH DOORS AND PANELS MFR. "ELITE PLUS" BY HADRINAL, METAL FINISH BAKED ON HIGH PERFORMANCE POWDER COATING, COLOR TO BE SELECTED BY ARCHITECT.
- 3 18" WIDE URINAL SCREEN TO MATCH TOILET PARTITION, COLOR TO BE SELECTED BY ARCHITECT.
- 4 B-2414 RECESSED-MOUNTED TOILET SEAT COVER DISPENSER AND TOILET TISSUE DISPENSER AT MEN'S RESTROOM.
- 4.2 B-2411 PARTITION MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER (SERVES TWO TOILET COMPARTMENTS).
- 4.3 B-2414 SURFACE MOUNTED TOILET SEAT COVER AND TOILET TISSUE DISPENSER.
- 5 B-2514 RECESSED TOILET SEAT COVER NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER.
- 5.2 B-2511 PARTITION-MOUNTED TOILET SEAT COVER DISPENSER, SANITARY NAPKIN DISPOSAL & TOILET TISSUE DISPENSER (SERVES TWO COMPARTMENTS AT WOMEN'S RR).
- 5.3 B-2514 SURFACE MOUNTED TOILET SEAT COVER NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER.
- 6 B-2226 COUNTERTOP MOUNTED ALL PURPOSE SOAP DISPENSER.
- 7 B-5821.01 1 1/4" DIA. TWO WALL GRAB BAR (EXTEND 24" MINIMUM BEYOND LIP OF WATER CLOSET) FOR ATTACHMENT USE B-256 ANCHOR PLATES AT STUD WALL AND B-258 AT TOILET COMPARTMENT PANELS (SEE DETAIL Q/TAB.2).
- 8 (RESERVED)
- 9 B-6871 SURFACE MOUNTED DOOR BUMPER, TYP. AT MAIN ENTRY SOLID WOOD CORE DOOR & HC ACCESSIBLE COMPARTMENT DOOR.
- 10 (RESERVED)
- 11 B-9106.5 50 RECESSED SANITARY NAPKIN/TAMPON VENDOR, SINGLE-COIN OPERATION (VERIFY COIN AMOUNT WITH OWNER).
- 12 (RESERVED)
- 13 B-48244 RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
- 14 B-2511 PARTITION MOUNTED TOILET SEAT COVER, NAPKIN DISPOSAL AND TOILET TISSUE DISPENSER AT WOMEN'S ADA STALL.
- 15 B-212 CLOTHES HOOK AND BUMPER, TYP. AT COMPARTMENT DOOR.
- 16 (NOT USED)
- 17 AMERICAN STANDARD WALL-MOUNTED WATER CLOSET, SEE PLUMBING DWGS.
- 18 AMERICAN STANDARD WALL-HUNG URINAL, SEE PLUMBING DWGS.
- 19 1/4" THK. X 12" WIDTH X 18" LONG SIDES EQUILATERAL TRIANGLE, MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "MEN" SIGNAGE, SEE RESTROOM SIGNAGE STANDARDS BELOW.
- 20 1/4" THK. X 60" DIA. CIRCLE MOUNTED 60" HIGH, CONTRASTING COLOR FROM DOOR/WALL PER CALIFORNIA TITLE 24 "WOMEN" SIGNAGE, SEE RESTROOM SIGNAGE STANDARDS BELOW.
- 21 TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NONABSORBENT SURFACE, TO A HEIGHT OF 4'-0", ABOVE THE FLOOR (CGC, SEC. 120.2).
- 22 FLOOR DRAIN, TYPICAL.
- 23 STONE THRESHOLD.



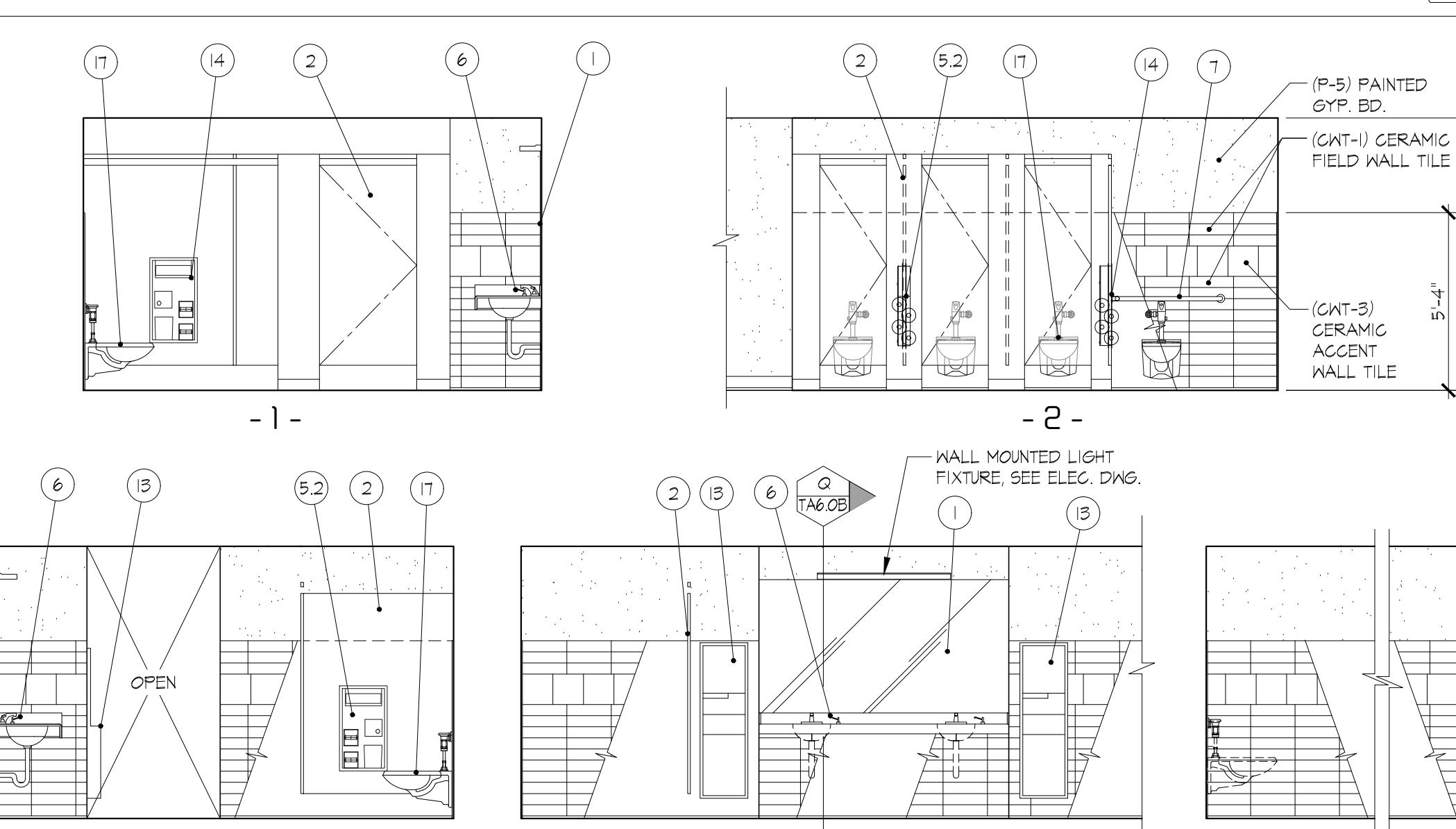
MEN'S EMPLOYEE RESTROOM-S121 ELEVATIONS SCALE: 1/4" = 1'-0"



WOMEN'S EMPLOYEE RESTROOM-S123 ELEVATIONS SCALE: 1/4" = 1'-0"



MEN'S EXPANSION RESTROOM-S124 ELEVATIONS SCALE: 1/4" = 1'-0"

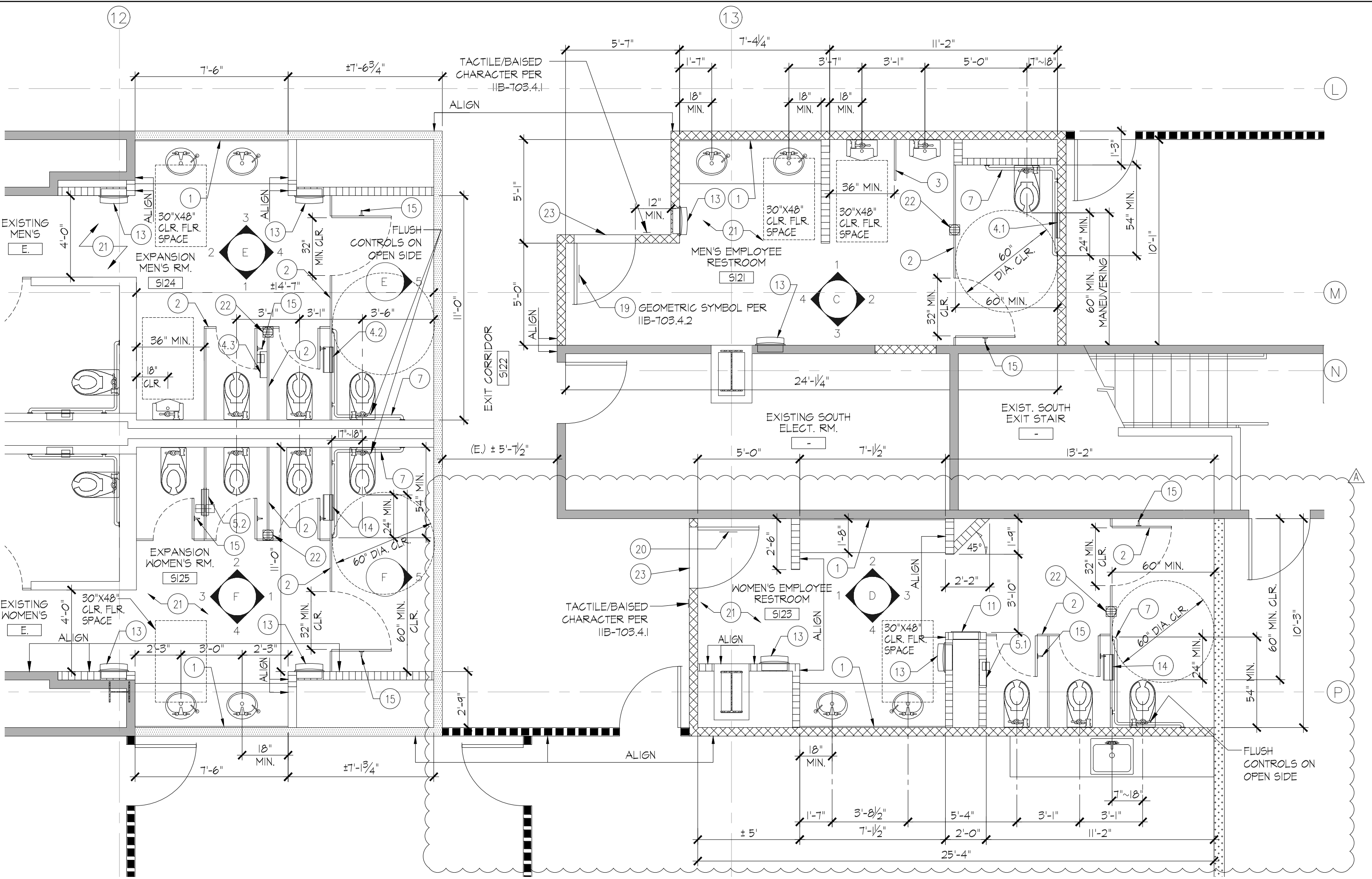
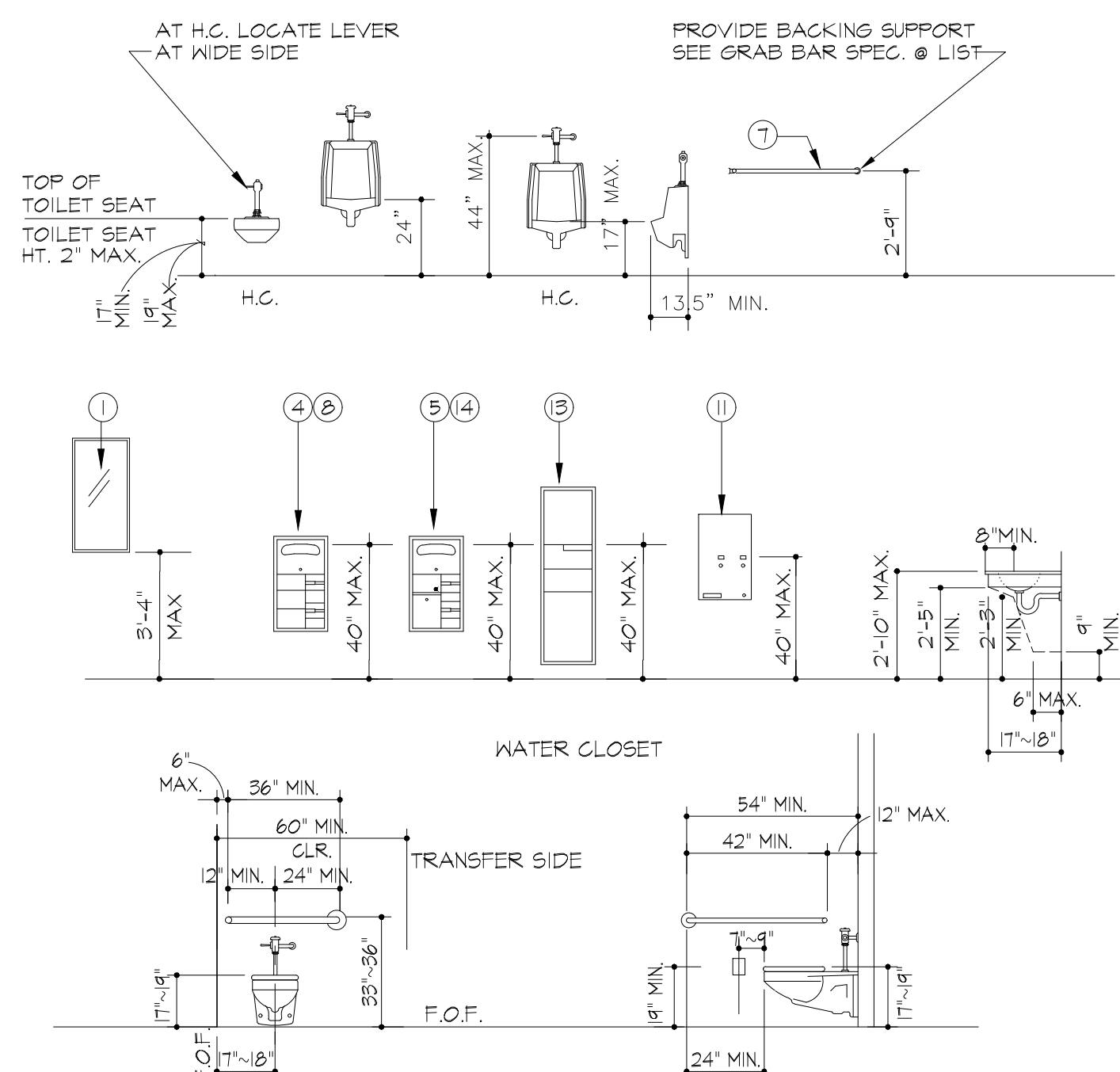


WOMEN'S EXPANSION RESTROOM-S125 ELEVATIONS SCALE: 1/4" = 1'-0"

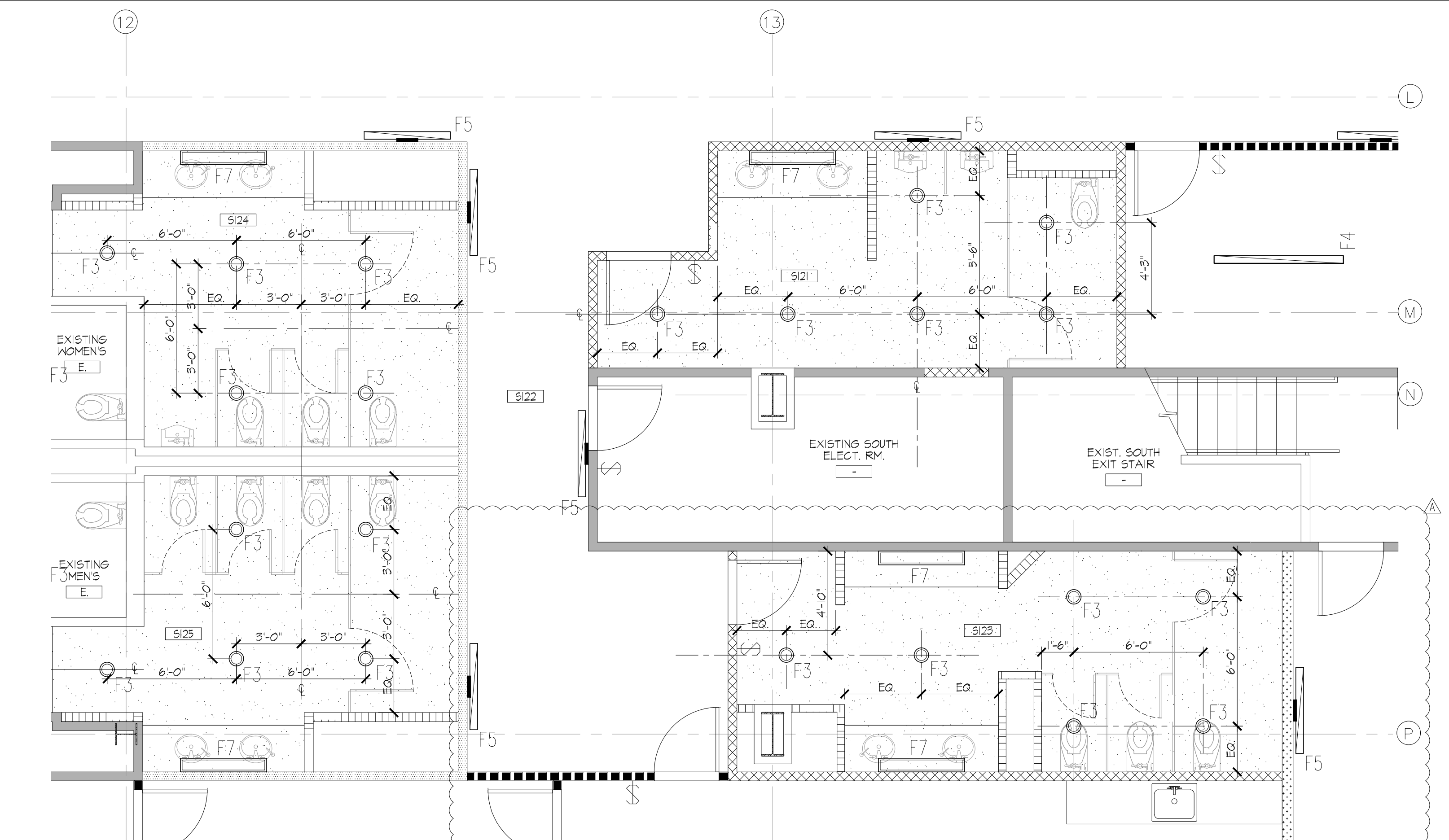
GENERAL NOTES

1. ALL TOILET GYP. BOARD SHALL BE 5/8" TYPE "X" WATER RESISTANT BOARD.
2. INSULATE ALL HOT WATER PIPES UNDERNEATH SINK W/ APPROVED UNITIZED PIECE INSULATION HRAP. (UPC 1504.2)
3. ACCESSORIES MODEL # "B-" INDICATE MFR. "BOBRICK" AND TYPE 304, 18-8 STAIN FINISH STAINLESS STEEL, UNLESS NOTED OTHERWISE.
4. ALL RESTROOM DIMENSIONS ARE TO FACE OF FINISH (F.O.F.), UNLESS NOTED OTHERWISE.
5. TOILET ROOM CLEARANCES & HEIGHTS TO COMPLY WITH "ADA" REQUIREMENTS AND "CAC" REQUIREMENTS.
6. REFER TO SHEET TAO.2 FOR TOILET ROOM ACCESSIBLE NOTES.
7. SEE PARTITION PLAN FOR ALL WALL TYPE REFERENCES.
8. WHERE GRAB BAR OCCURS AT DRYWALL, PROVIDE ANCHOR PLATES- 256 SERIES OR 258 FOR TOILET COMPARTMENTS.
9. PROVIDE BLOCKING/ SUPPORTS AT WALL MOUNTED FIXTURES AS REQUIRED.
10. A) PROVIDE LOW-FLUSH WATER SAVING WATER CLOSET PER 2016 CFC. FLUSH VOLUME SHALL NOT EXCEED 1.28 GALLONS PER FLUSH.
B) PROVIDE LOW-FLUSH WATER SAVING URINAL PER 2016 CFC. URINALS SHALL USE NO MORE THAN 0.5 GALLONS PER FLUSH.
11. THE FAUCET CONTROLS AND THE OPERATING MECHANISM (OPERABLE WITH ONE HAND) SHALL BE OF THE TYPE NOT REQUIRING AN OPERATING FORCE EXCEEDING 5 LBF. OR TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. (UPC 1504.3)
12. ANY SELF-CLOSING VALVES, IF USED, ARE TO REMAIN OPEN FOR AT LEAST 10 SECONDS. (UPC 1504.3)
13. TOILET ROOMS SHALL BE PROVIDED WITH A MECHANICALLY OPERATED EXHAUST SYSTEM CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 5 MINUTES. IT SHALL BE CONNECTED DIRECTLY TO THE OUTSIDE AND THE POINT OF DISCHARGE SHALL BE AT LEAST 3 FEET FROM ANY OPENING THAT ALLOWS AIR ENTRY INTO OCCUPIED PORTIONS OF THE BUILDING. SEC. 1202.2

STANDARD TOILET FIXTURES / ACCESSORIES MOUNTING HEIGHTS

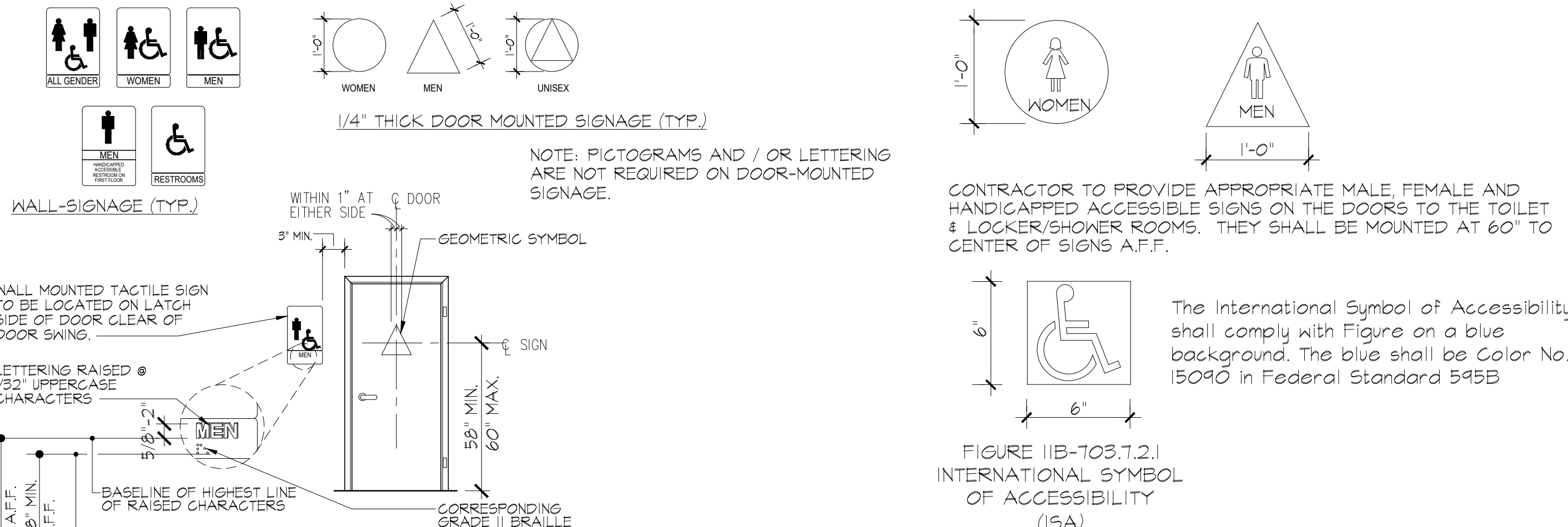


EMPLOYEE & EXPANSION RESTROOM PARTITION PLAN SCALE: 1/4" = 1'-0"



EMPLOYEE & EXPANSION RESTROOM REF. CEILING PLAN SCALE: 1/4" = 1'-0"

IDENTIFICATION SYMBOLS FOR SANITARY FACILITIES



pk:a architecture

5166 Lincoln Drive, Suite 110
Escondido, CA 92029
P: 858-591-0057 F: 858-591-0059
www.pkarchitecture.net

OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

ENLARGED RESTROOM PARTITION PLAN & REFLECTED CLG. PLAN

sheet title

remarks	date
PROGRESS SET	10/14/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

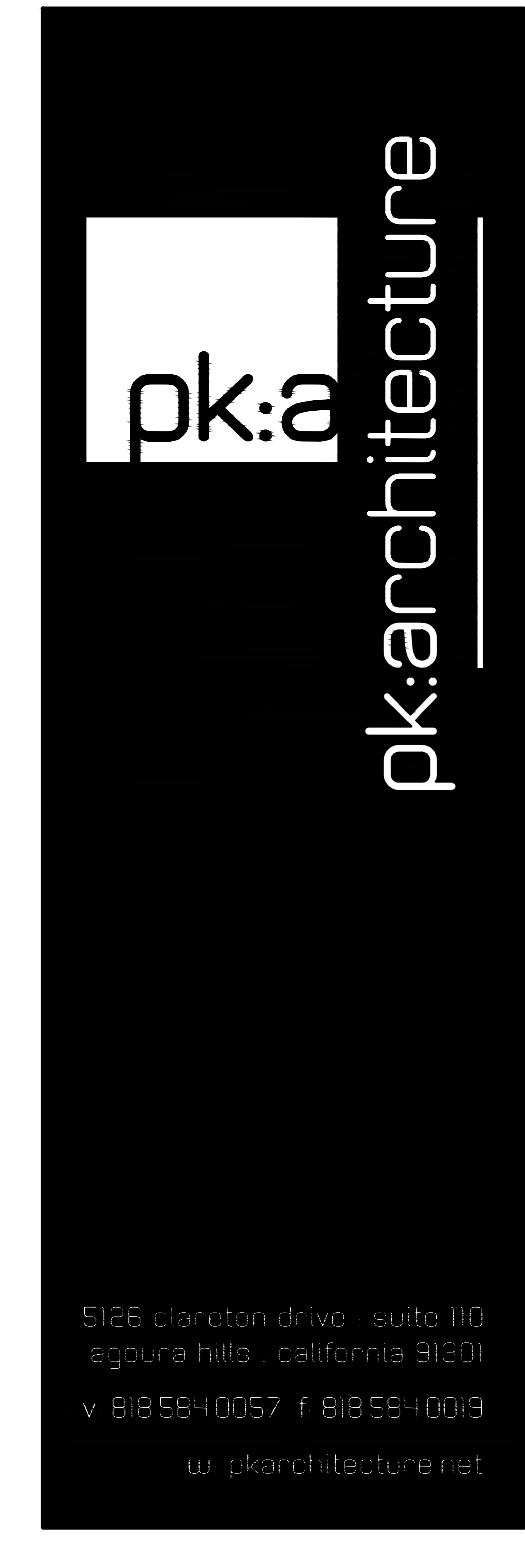
drawn by

project no 18-66.60

date

scale

TA4.0



5166 E. Carson Drive, Suite 110
Escondido, CA 92029
P: 858-999-0057 F: 858-999-0009
www.pk-a.com



1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

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Revision table with columns for date, description, and initials.

sheet title

1ST FLOOR DOOR SCHEDULE & DETAILS

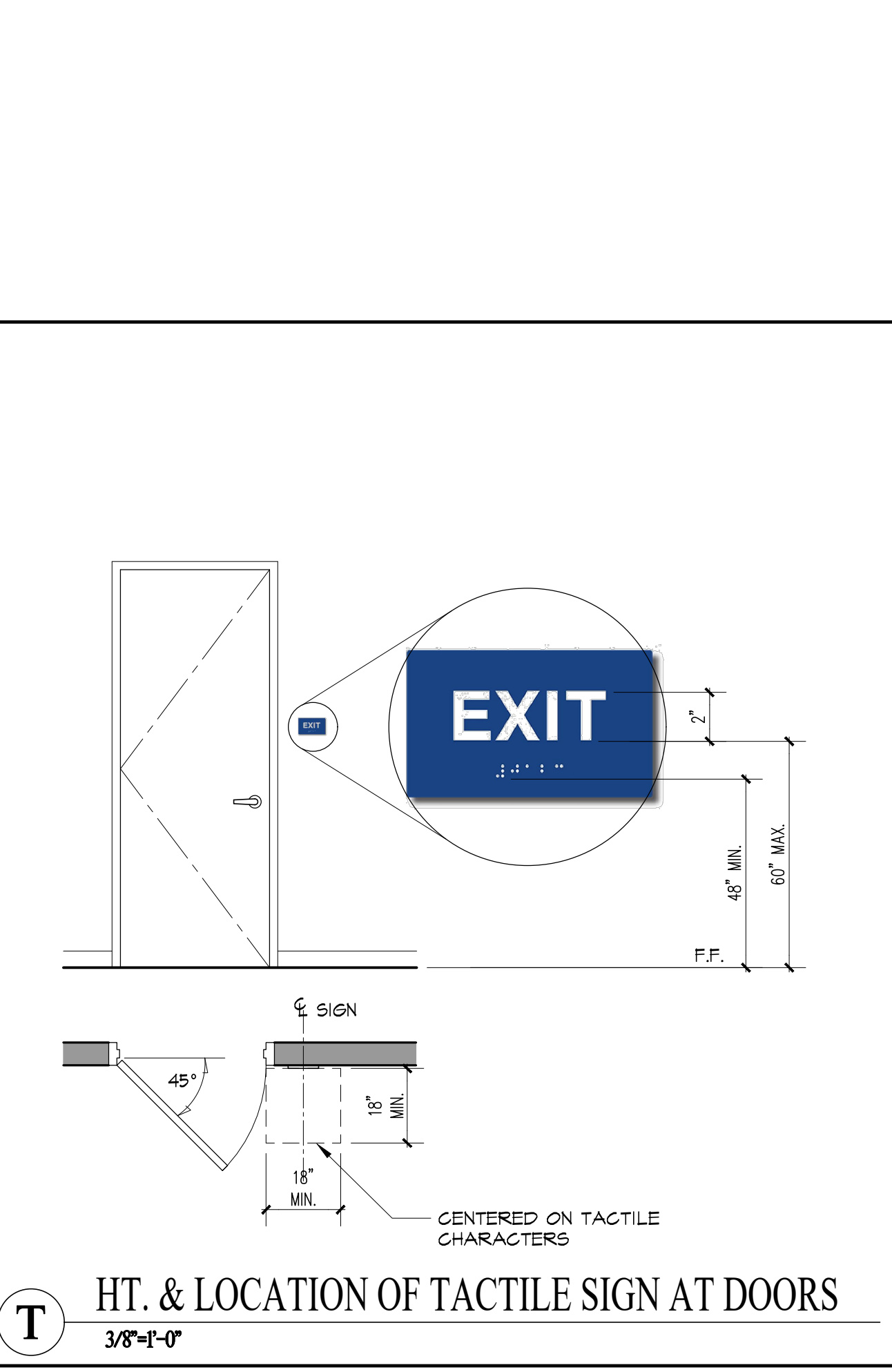
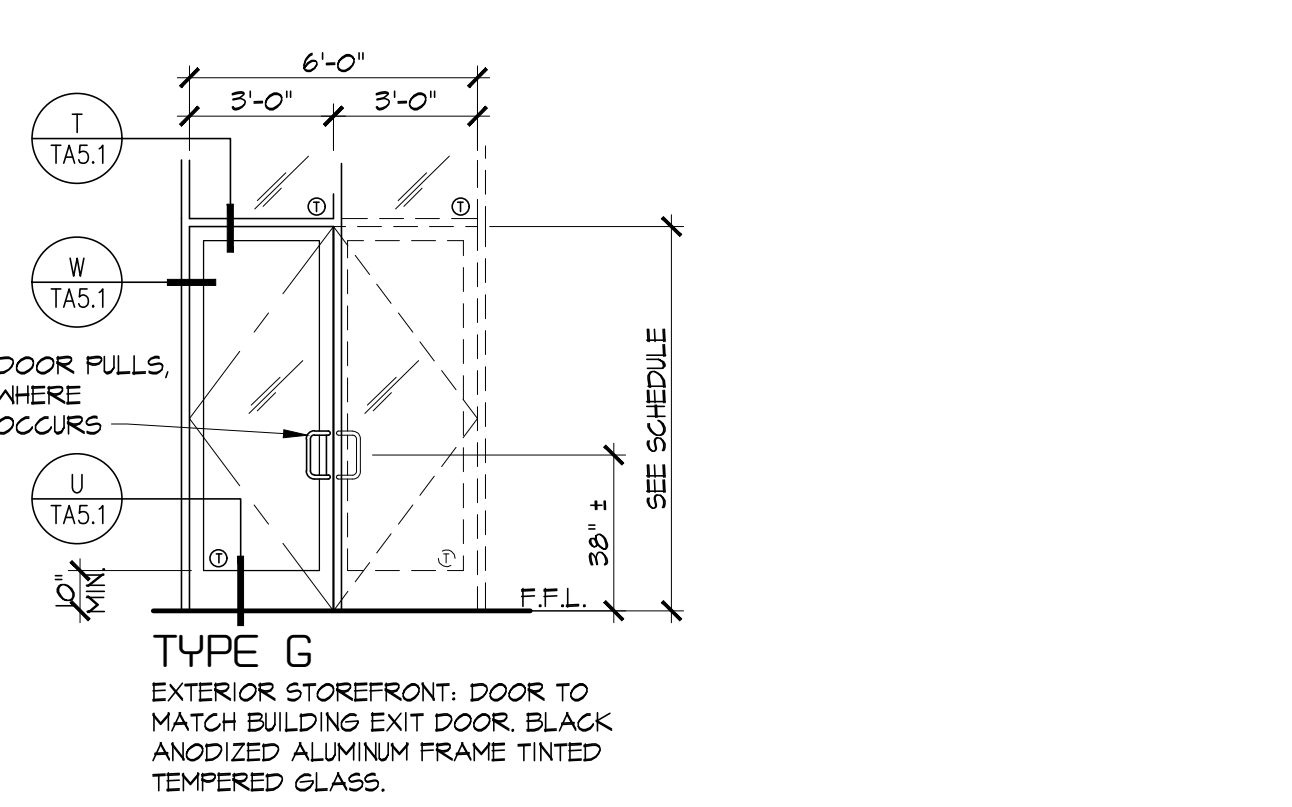
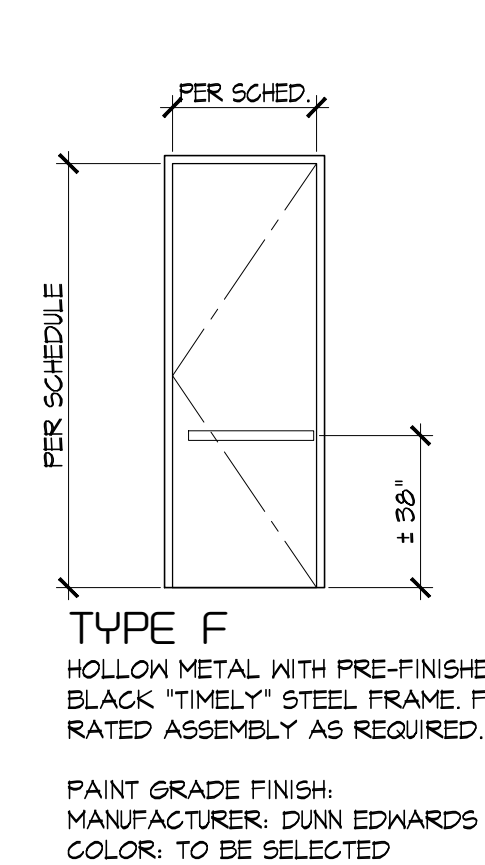
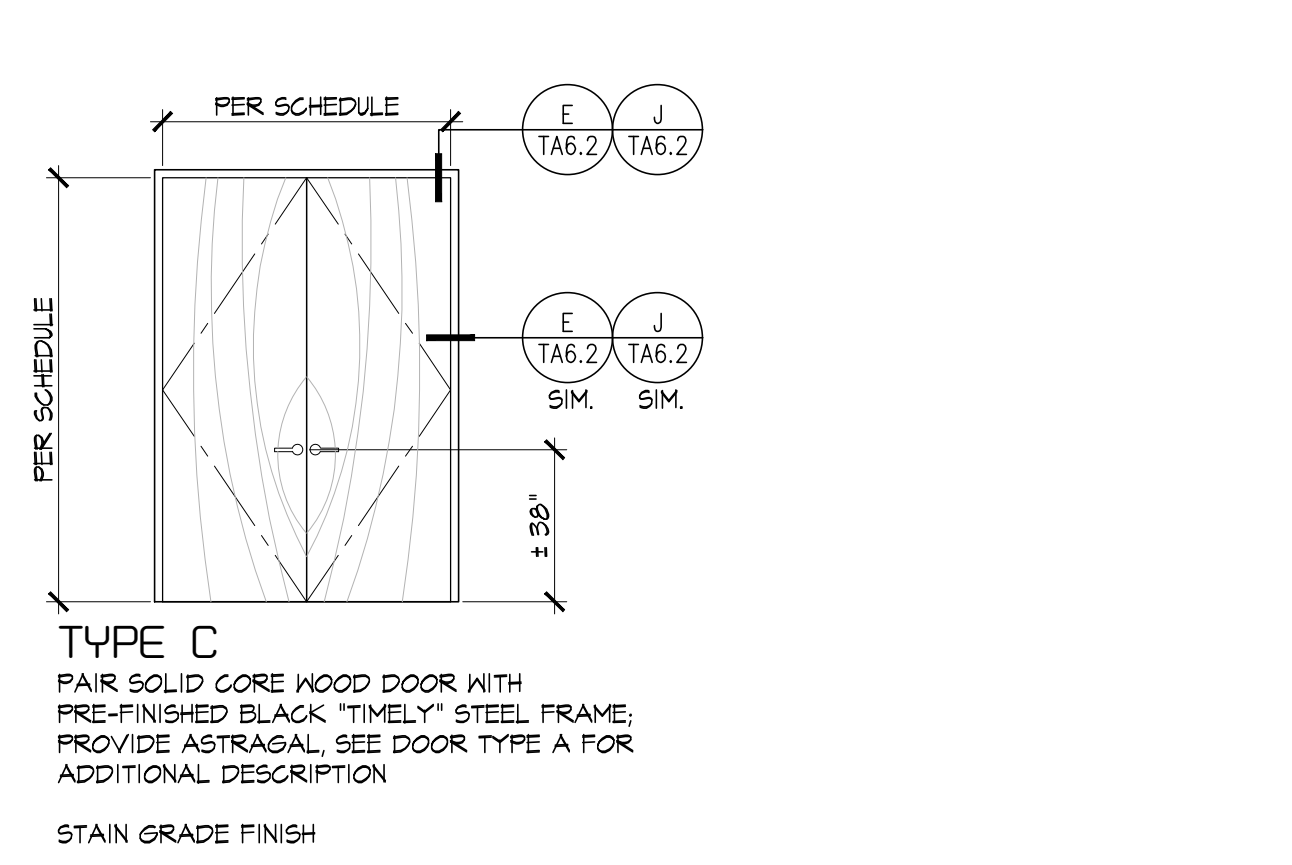
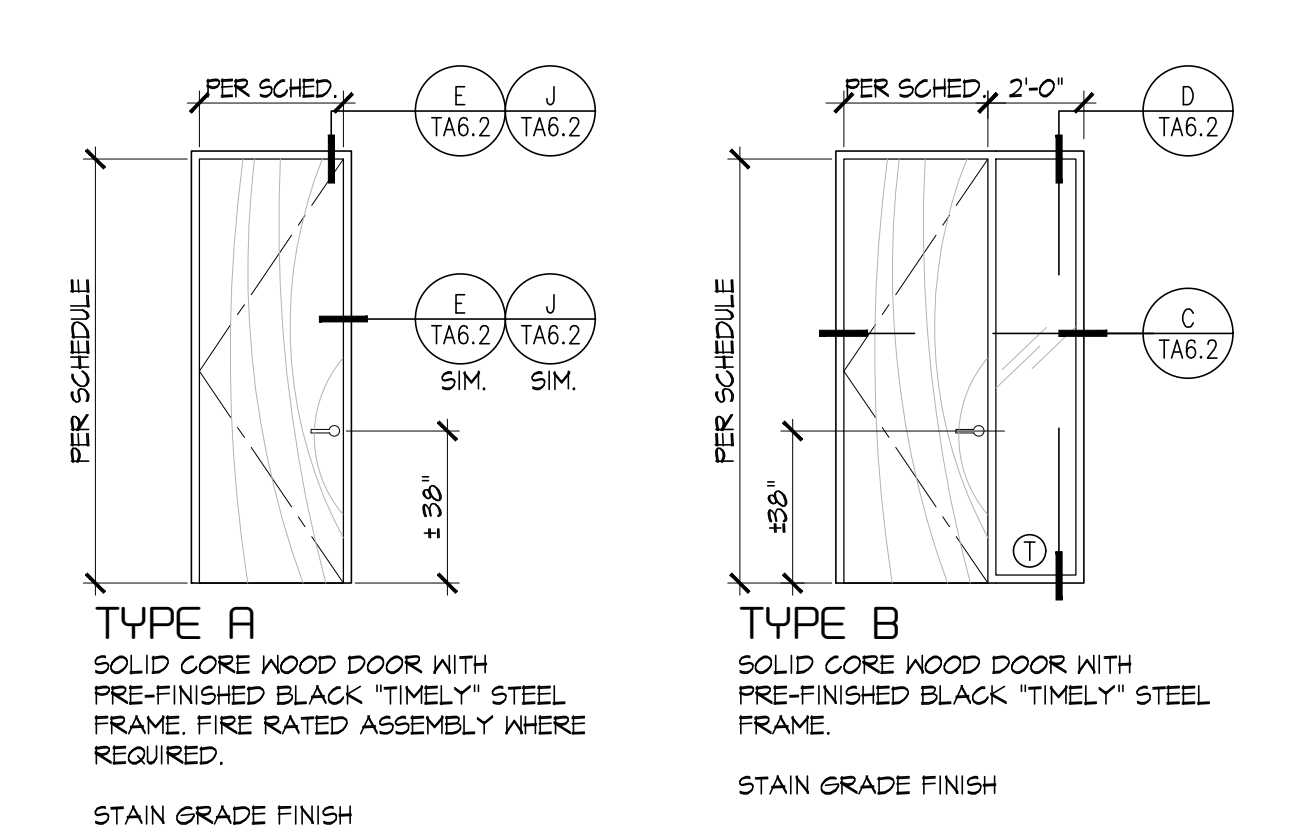
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FIRST FLOOR DOOR SCHEDULE

Main door schedule table with columns: DOOR NO., TYPE, WIDTH, HEIGHT, THICKNESS, STYLE, FINISH, FRAME, FIRE RATING, HARDWARE GROUP, REMARKS. Includes North Wing and South Wing sections.

DOOR TYPES

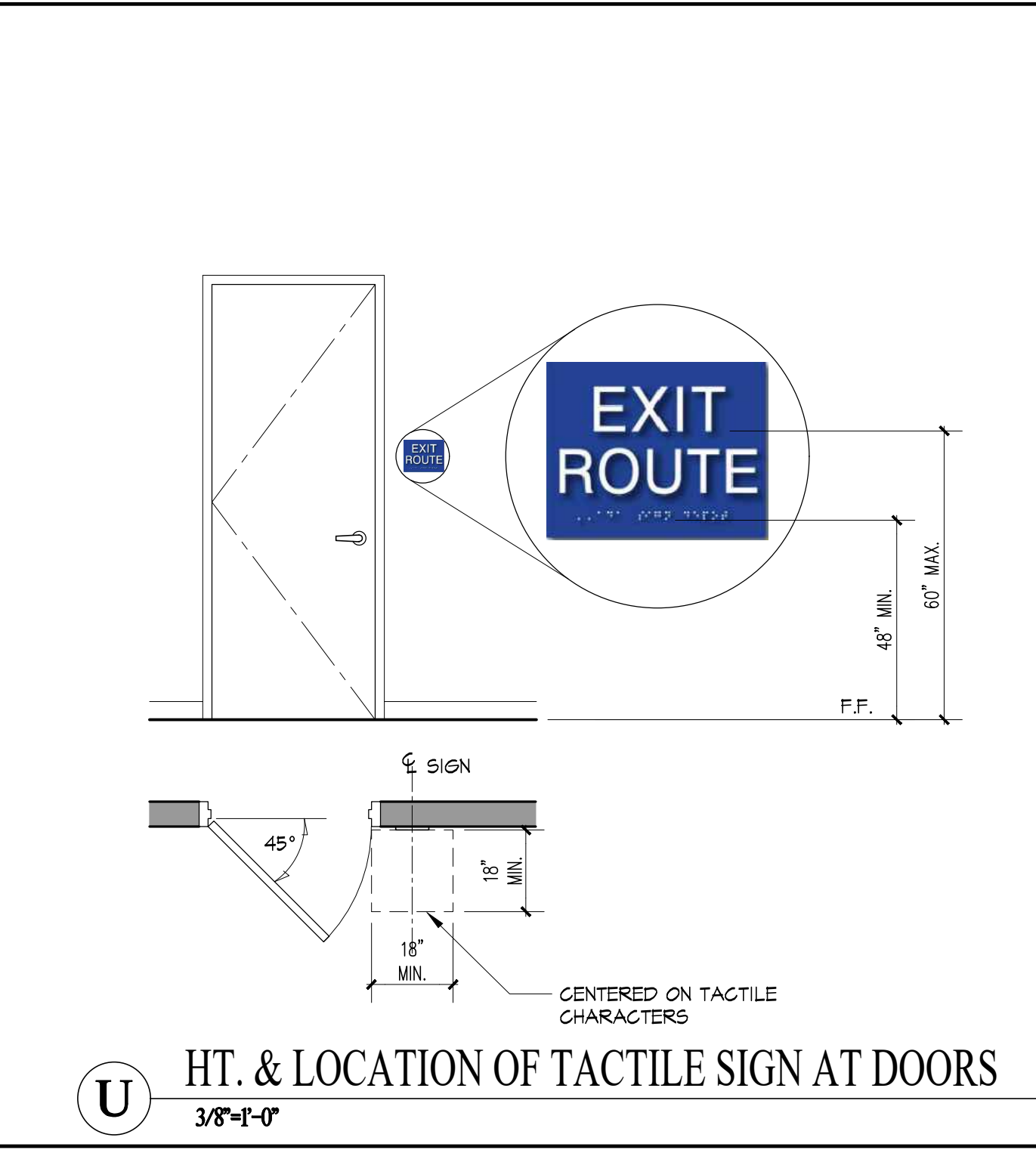


DOOR AND HARDWARE NOTES

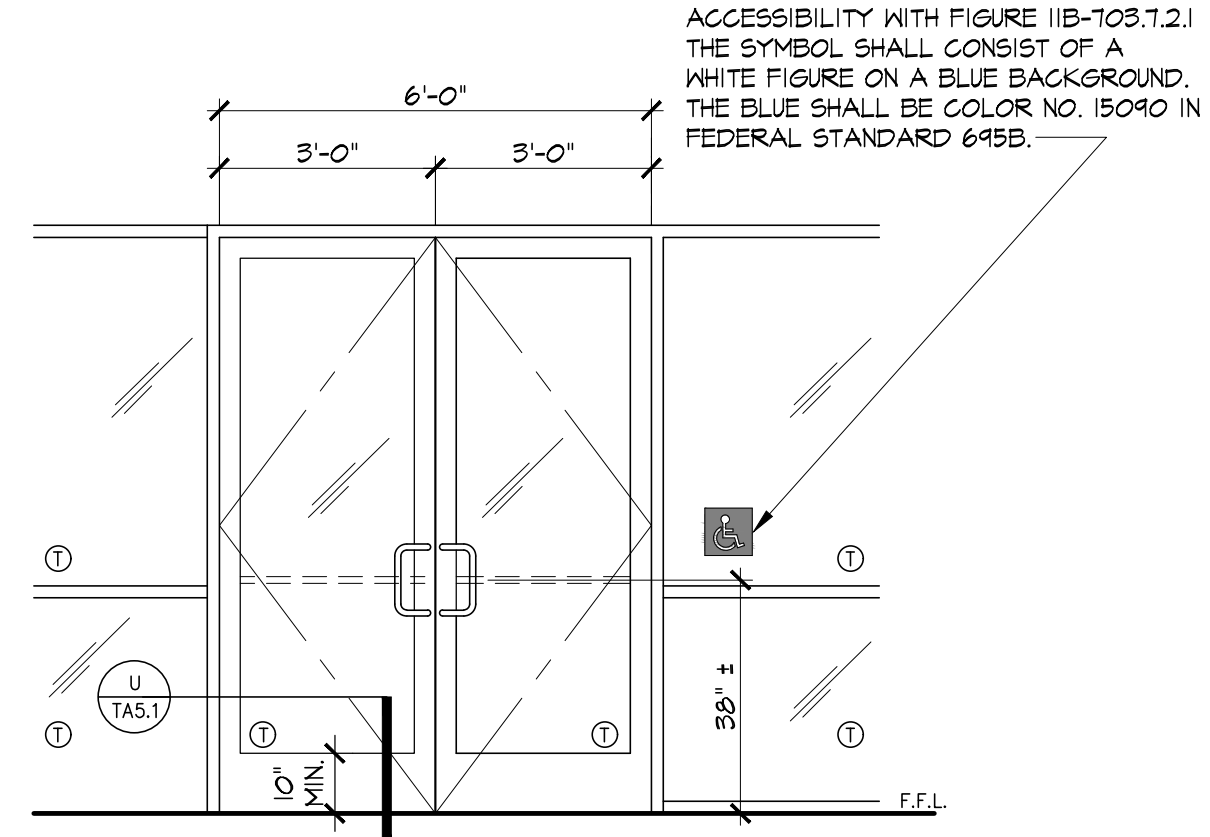
- 1. ALL HARDWARE FINISH TO MATCH 626 SATIN CHROME FINISH.
2. INTERIOR DOOR FRAMES TO BE 'TIMELY' STEEL FRAME IN PRE-FINISH BLACK COLOR.
3. INTERIOR WOOD DOORS TO BE SOLID CORE STAIN GRADE FINISH DOORS, UNLESS NOTED OTHERWISE.
4. DOOR SUPPLIER TO VERIFY DOOR UNDERCUT DIMENSIONS WITH FLOOR FINISH, DOOR BOTTOM AND THRESHOLD REQUIREMENTS.
5. RE-USE EXISTING SALVAGED DOORS WHERE POSSIBLE AND ONLY IF REPLACEABLE WITH 'CORBIN RUSSIN' HARDWARE (NO SUBSTITUTION ALLOWED).
6. ALL LOCKSETS AND CYLINDERS ON DOORS SHALL BE PROVIDED W/ REMOVABLE CYLINDERS.
7. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
8. PROVIDE DOOR STOPS AT ALL DOORS OF A TYPE AS NEEDED.
9. VERIFY AND CONFIRM THE DIRECTION OF SWING FOR ALL DOORS ON THE FLOOR PLANS.
10. ALL DOOR FRAMES SHALL HAVE SILENCER BUTTONS EXCEPT WHERE SEALS ARE PROVIDED.
11. THE EXTERIOR FLOOR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. (1193B.2.4.1)
12. MAXIMUM EFFORT TO OPERATE EXTERIOR AND INTERIOR DOORS SHALL NOT EXCEED 5 POUNDS, WITH SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS.
13. EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, THE MANUFACTURER OR INSTALLER AND THE SAFETY-GLAZING STANDARD. THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF SAFETY GLAZING: GLAZING IN (CBC, SEC. 2406).
a. SWING DOORS.
b. FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCHES ARC. OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
14. THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 0.50" IN HEIGHT, 0.75" IN HEIGHT FOR SLIDING DOORS SERVING DWELLING UNITS (CBC, SEC. 1008.1.7)
15. DOORS SHALL NOT PROJECT MORE THAN 1" INTO THE REQUIRED CORRIDOR WIDTH OR AT LANDINGS WHEN FULLY OPENED AND NOT MORE THAN 50% IN ANY POSITION. (CBC, SEC. 1008.4)
16. EVERY REQUIRED EXIT DOORWAY SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES, SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES, AND SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND 6 FEET 8 INCHES IN HEIGHT. (CBC SEC. 1193B.2.2)
17. THE MAXIMUM WIDTH OF A HINGING EXIT DOOR LEAF SHALL BE 48" NOMINAL.
18. EXIT DOOR SHALL BE SIDE-HINGED SWINGING TYPE.
19. (1) INDICATES TEMPERED GLASS.
20. ALL FIRE RATED DOORS SHALL BE SELF-CLOSING WITH SMOKE AND DRAFT CONTROL ASSEMBLIES PER CODE.

- DOOR KEYNOTES
1 MOUNT F.O.B. READER NO HIGHER THAN 48" FROM FINISHED FLOOR.
2 WHERE EXISTING RAISED FLOORING HAS BEEN REMOVED, FILL IN VOID AT DOOR HEAD ABOVE AS REQUIRED FOR NEW DOOR HEAD HEIGHT.
3 EXIT STAIRWAY DOORS SHALL BE PROVIDED WITH ELECTRONIC LATCH PANIC DEVICE WITH DEFAULT 'LOCK' (IN CASE OF POWER FAILURE) TO BE RELEASED ONLY BY A FIRE COMMAND CENTER OR A SIGNAL BY EMERGENCY PERSONNEL FROM A SINGLE LOCATION INSIDE THE MAIN ENTRANCE TO THE BUILDING. (2016 CBC SEC. 1010.1.11 EXCEPTION #5)
4 PROVIDE APPLICABLE GLAZING TO OMIT FIRE-RATED APPLICABLE FITS IN ONE-HOUR RATED EXIT NOT

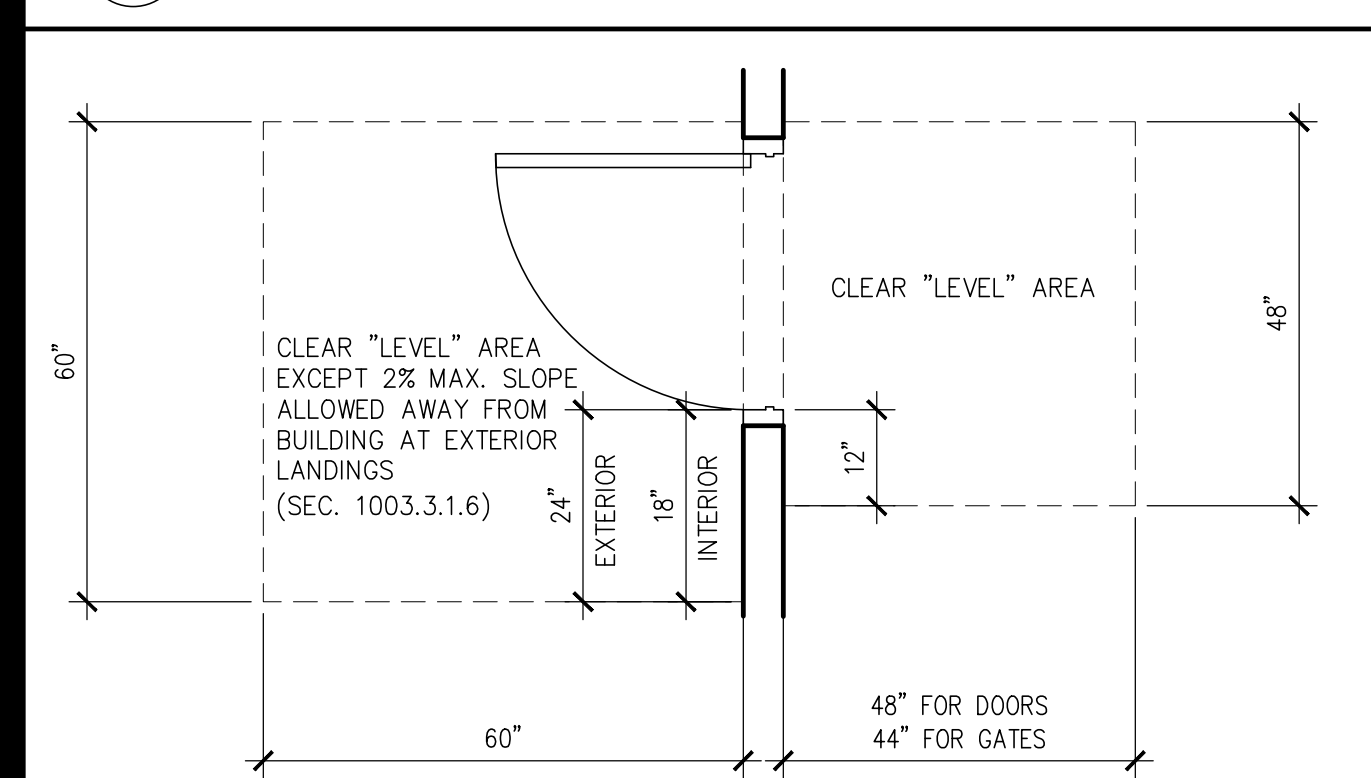
HARDWARE LIST table with columns: DOOR PULLS, MORTISE LOCKSETS, CYLINDERS LOCKSETS, LATCHSETS, LEVERS, PANIC DEVICES, PUSH PLATES & PULLS, HINGES, CLOSERS, MAN. FLUSH BOLTS, STOPS, COORDINATOR, DUST PROOF STRIKES, THRESHOLDS, DOOR BOTTOMS, SEALS, ASTRAGAL, KICK PLATES.



INT'L SYMSBOL OF ACCESSIBILITY @ ENTRANCE



INT'L SYMSBOL OF ACCESSIBILITY @ ENTRANCE

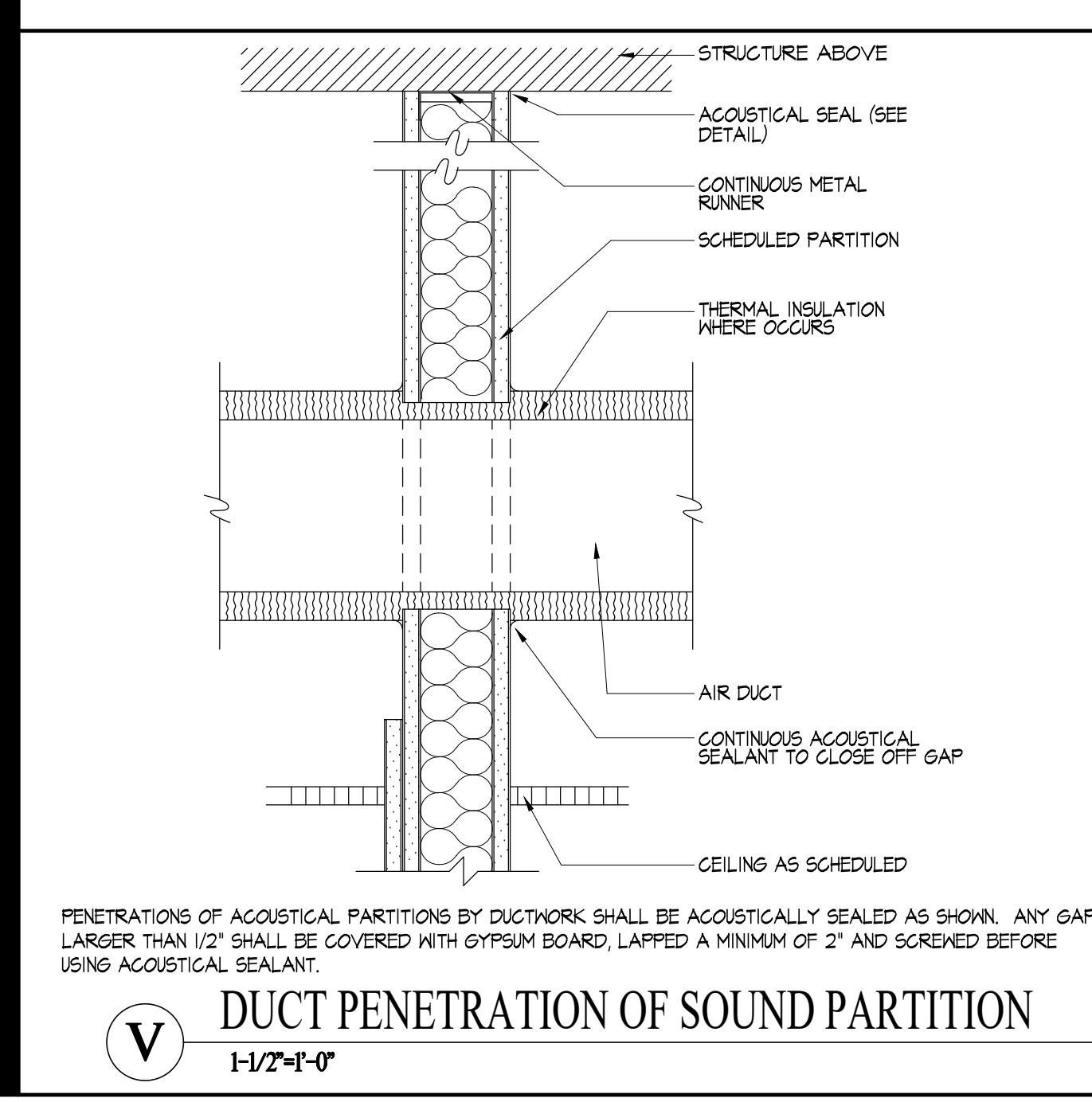


WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60" X 60" AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48" WIDE BY 48" DEEP AT A DOOR THAT SWINGS AWAY FROM THE WALK. (SEC. 1133B.7.5)
WALKS SHALL EXTEND A MINIMUM OF 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK. (SEC. 1133B.7.5, FIG. 11B-26B)

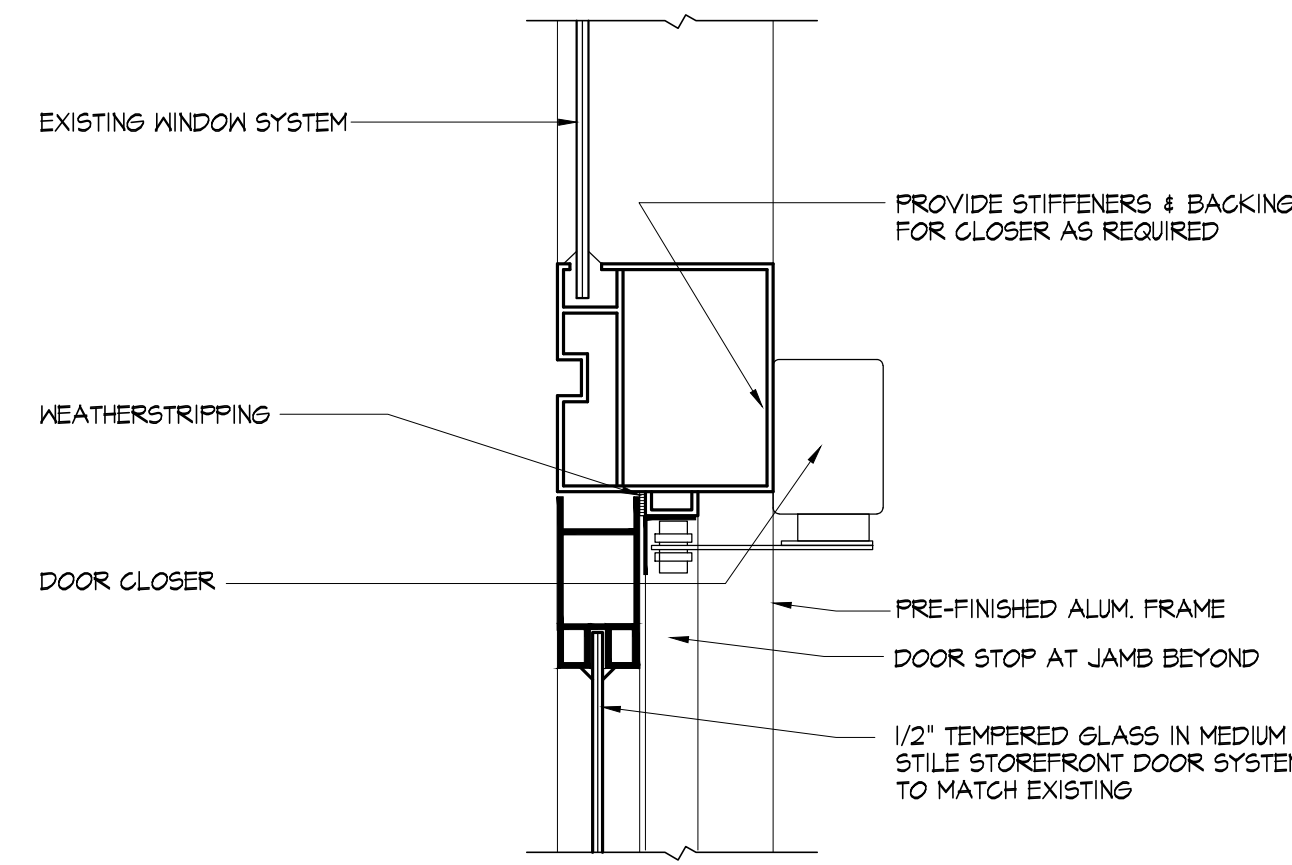
CLEAR LEVEL AREAS AT DOORS

HARDWARE GROUPS

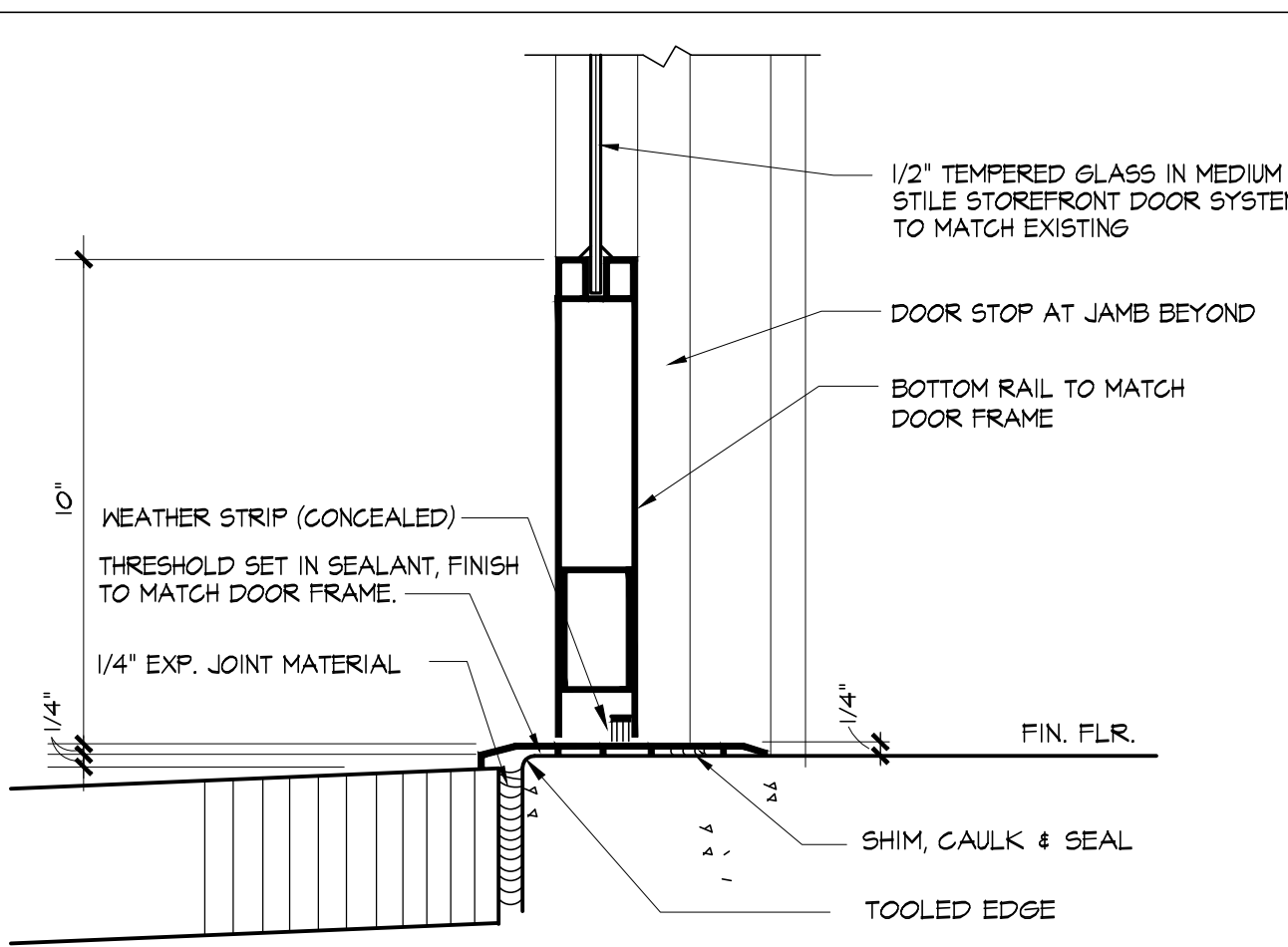
- NOTE: SEE HARDWARE LIST ON THIS SHEET FOR SPECIFIED ITEMS.
1. EXTERIOR STOREFRONT DOUBLE DOOR: MORTISE LOCKSET, 3-POINT DEADBOLT, EXTERIOR PULL, INTERIOR PULL BAR, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, DUST PROOF STRIKE, EXTERIOR DOOR BOTTOM, & STOP.
1.1 EXTERIOR STOREFRONT DOOR: MORTISE LOCKSET, PANIC DEVICE, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, EXTERIOR DOOR BOTTOM, & STOP.
2. INTERIOR OFFICE: CYLINDRICAL PASSAGE SET, HINGES, & STOP.
3. INTERIOR OFFICE: CYLINDRICAL OFFICE LOCKSET, HINGES, & STOP. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.
4. INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, & STOP.
4.1 INTERIOR DOUBLE DOOR (STORAGE ROOM): CYLINDRICAL STORAGE LOCKSET, HINGES, MANUAL FLUSH BOLTS TOP & BOTTOM & STOP.
4.2 INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS & STOP.
5. INTERIOR RESTROOM: PUSH PLATE/DOOR PULL, CLOSER, KICK PLATE (BOTH SIDES OF DOOR) & STOP.
6. INTERIOR RESTROOM: CYLINDRICAL PASSAGE SET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP.
6.1 INTERIOR RESTROOM: CYLINDRICAL LOCKSET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP. ELECTRIFIED LOCKS FOR CARD READER.
7. INTERIOR DOOR: CYLINDRICAL CLASSROOM LOCKSET, HINGES, CLOSER, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS. (SEE REMARKS FOR PANIC DEVICE WHERE REQUIRED)
8. INTERIOR DOUBLE DOOR: CYLINDRICAL CLASSROOM LOCKSET ON ACTIVE LEAF ONLY, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.
8.1 INTERIOR SOUND CONTROL DOUBLE DOORS: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR OF ACTIVE LEAF, PANIC DEVICE ON ACTIVE LEAF, RIM LATCHING WITH STRIKE ON INACTIVE LEAF, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, THRESHOLD, SOUND SEALS, & STOPS. SEE DETAIL -/- FOR THRESHOLD AND DOOR BOTTOMS.
9. INTERIOR SOUND CONTROL DOOR: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR SIDE, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS.
10. INTERIOR SOUND CONTROL OFFICE DOOR: CYLINDRICAL OFFICE LOCKSET, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.
11. INTERIOR FIRE RATED EXIT DOOR: MORTISE LOCKSET, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS, & STOPS. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.



DUCT PENETRATION OF SOUND PARTITION



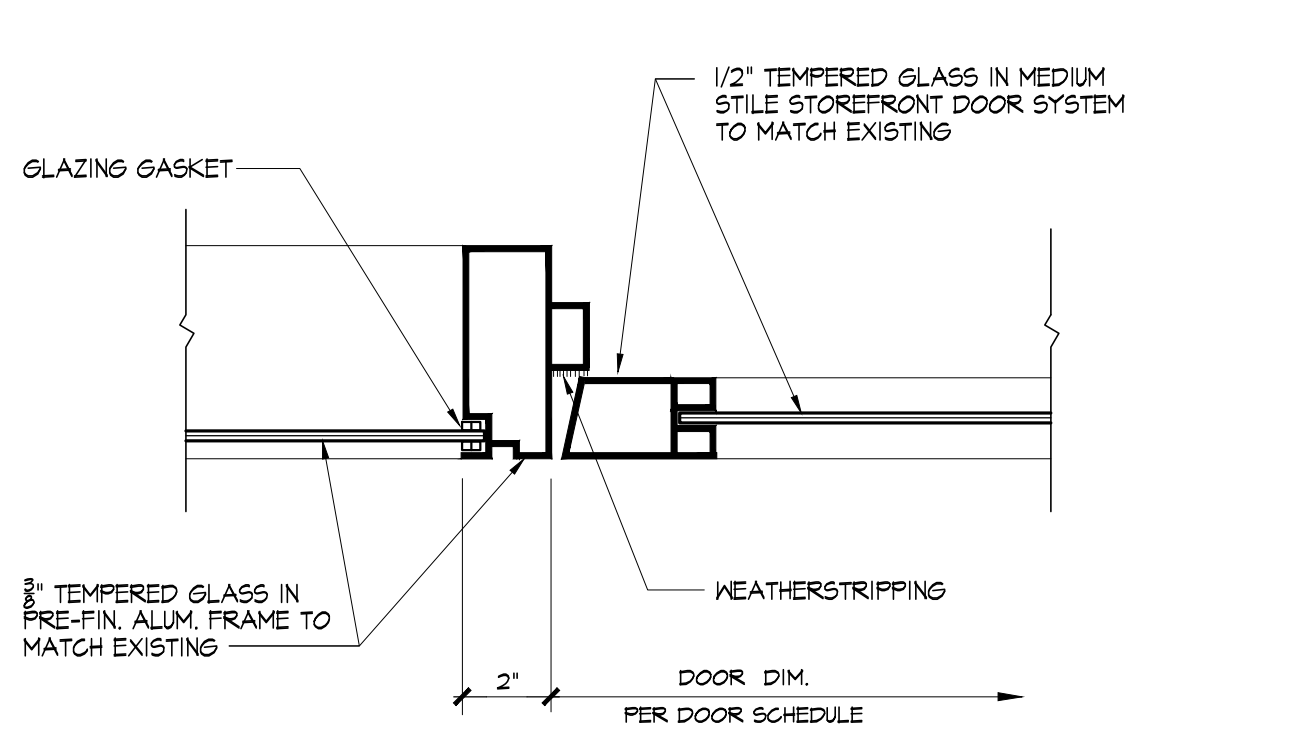
T STOREFRONT DOOR HEAD DETAIL
3'-1-0"



U STOREFRONT DOOR SILL DETAIL
3'-1-0"

HARDWARE GROUPS

- NOTE: SEE HARDWARE LIST ON THIS SHEET FOR SPECIFIED ITEMS.
- EXTERIOR STOREFRONT DOUBLE DOOR: MORTISE LOCKSET, 3-POINT DEADBOLT, EXTERIOR FULL, INTERIOR FULL BAR, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, DUST PROOF STRIKE, EXTERIOR DOOR BOTTOM, & STOP.
 - EXTERIOR STOREFRONT DOOR: MORTISE LOCKSET, PANIC DEVICE, FULL-MORTISE HINGE, CONCEALED CLOSER, WEATHER SEALS, THRESHOLD, EXTERIOR DOOR BOTTOM, & STOP.
 - INTERIOR OFFICE: CYLINDRICAL PASSAGE SET, HINGES, & STOP.
 - INTERIOR OFFICE: CYLINDRICAL OFFICE LOCKSET, HINGES, & STOP. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.
 - INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, & STOP.
 - INTERIOR DOUBLE DOOR (STORAGE ROOM): CYLINDRICAL STORAGE LOCKSET, HINGES, MANUAL FLUSH BOLTS TOP & BOTTOM & STOP.
 - INTERIOR STORAGE: CYLINDRICAL STORAGE LOCKSET, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS & STOP.
 - INTERIOR RESTROOM: PUSH PLATE/DOOR PULL, CLOSER, KICK PLATE (BOTH SIDES OF DOOR) & STOP.
 - INTERIOR RESTROOM: CYLINDRICAL PASSAGE SET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP.
 - INTERIOR RESTROOM: CYLINDRICAL LOCKSET, HINGES, CLOSER, SEALS, 1/2" THRESHOLD, KICK PLATES (BOTH SIDES OF DOOR) & STOP. ELECTRIFIED LOCKS FOR CARD READER.
 - INTERIOR DOOR: CYLINDRICAL CLASSROOM LOCKSET, HINGES, CLOSERS, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS. (SEE REMARKS FOR PANIC DEVICE WHERE REQUIRED.)
 - INTERIOR DOUBLE DOOR: CYLINDRICAL CLASSROOM LOCKSET ON ACTIVE LEAF ONLY, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.
 - INTERIOR SOUND CONTROL DOUBLE DOORS: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR OF ACTIVE LEAF, PANIC DEVICE ON ACTIVE LEAF, RIM LATCHING WITH STRIKE ON INACTIVE LEAF, HINGES, CLOSERS, COORDINATOR, AUTO FLUSH BOLTS TOP & BOTTOM, DUST PROOF STRIKE, ASTRAGAL, THRESHOLD, SOUND SEALS, & STOPS. SEE DETAIL -/- FOR THRESHOLD AND DOOR BOTTOMS.
 - INTERIOR SOUND CONTROL DOOR: OFFICE LOCK WITH MATCHING LEVER ON EXTERIOR SIDE, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS.
 - INTERIOR SOUND CONTROL OFFICE DOOR: CYLINDRICAL OFFICE LOCKSET, HINGES, CLOSERS, THRESHOLD, SOUND SEALS, & STOPS. SEE REMARKS FOR THRESHOLD AND DOOR BOTTOMS.
 - INTERIOR FIRE RATED EXIT DOOR: MORTISE LOCKSET, PANIC DEVICE, HINGES, CLOSERS, THRESHOLD, SMOKE SEALS, & STOPS. SEE REMARKS WHERE REQUIRED TO HAVE ELECTRIFIED LOCKS FOR F.O.B. ACCESS.



- NOTES:
- GLAZING ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCH ARCH OF THE VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION SHALL BE TEMPERED. (2406.4.6)
 - THE TYPE OF GLASS, THICKNESS AND METHOD OF PROTECTION AGAINST IMPACT FOR GLASS LIGHTS WITH BOTTOMS 18" OR LESS ABOVE THE WALKING SURFACE MUST BE TEMPERED. (2406.4.7)

W STOREFRONT DOOR JAMB DETAIL
3'-1-0"

DOOR AND HARDWARE NOTES

- ALL HARDWARE FINISH TO MATCH 626 SATIN CHROME FINISH.
- INTERIOR DOOR FRAMES TO BE "TIMELY" STEEL FRAME IN PRE-FINISH BLACK COLOR.
- INTERIOR WOOD DOORS TO BE SOLID CORE STAIN GRADE FINISH DOORS, UNLESS NOTED OTHERWISE.
- DOOR SUPPLIER TO VERIFY DOOR UNDERGUT DIMENSIONS WITH FLOOR FINISH, DOOR BOTTOM AND THRESHOLD REQUIREMENTS.
- RE-USE EXISTING SALVAGED DOORS WHERE POSSIBLE AND ONLY IF REPLACEABLE WITH "CORBIN RUSSHIN" HARDWARE (NO SUBSTITUTION ALLOWED).
- ALL LOCKSETS AND CYLINDERS ON DOORS SHALL BE PROVIDED W/ REMOVABLE CYLINDERS.
- EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- PROVIDE DOOR STOPS AT ALL DOORS OF A TYPE AS NEEDED.
- VERIFY AND CONFIRM THE DIRECTION OF SWING FOR ALL DOORS ON THE FLOOR PLANS.
- ALL DOOR FRAMES SHALL HAVE SILENCER BUTTONS EXCEPT WHERE SEALS ARE PROVIDED.
- THE EXTERIOR FLOOR LANDING SHALL BE NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. (1199B.2.4.1)
- MAXIMUM EFFORT TO OPERATE EXTERIOR AND INTERIOR DOORS SHALL NOT EXCEED 5 POUNDS, WITH SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS.
- EACH PANE OF SAFETY GLAZING INSTALLED IN HAZARDOUS LOCATIONS SHALL BE IDENTIFIED BY A MANUFACTURER'S DESIGNATION SPECIFYING WHO APPLIED THE DESIGNATION, THE MANUFACTURER OR INSTALLER AND THE SAFETY-GLAZING STANDARD. THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF SAFETY GLAZING: GLAZING IN: (CBC, SEC 2406.2)
 - SWING DOORS.
 - FIXED OR OPERABLE PANELS ADJACENT TO A DOOR WHERE THE NEAREST EXPOSED EDGE OF THE GLAZING IS WITHIN 24 INCHES ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE WALKING SURFACE.
- THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 0.50" IN HEIGHT, 0.75" IN HEIGHT FOR SLIDING DOORS SERVING DWELLING UNITS (CBC, SEC. 1008.1.7)
- DOORS SHALL NOT PROJECT MORE THAN 1" INTO THE REQUIRED CORRIDOR WIDTH OR AT LANDINGS WHEN FULLY OPENED AND NOT MORE THAN 50% IN ANY POSITION. (CBC, SEC. 1008.4)
- EVERY REQUIRED EXIT DOORWAY SHALL BE CAPABLE OF OPENING AT LEAST 40 DEGREES, SHALL HAVE A MINIMUM CLEAR OPENING OF 32 INCHES, AND SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET IN WIDTH AND 6 FEET 8 INCHES IN HEIGHT. (CBC SEC. 1199B.2.2)
- THE MAXIMUM WIDTH OF A HINGING EXIT DOOR LEAF SHALL BE 48" NOMINAL.
- EXIT DOOR SHALL BE SIDE-HINGED SWINGING TYPE.
- ① INDICATES TEMPERED GLASS.
- ALL FIRE RATED DOORS SHALL BE SELF-CLOSING WITH SMOKE AND DRAFT CONTROL ASSEMBLIES PER CODE.

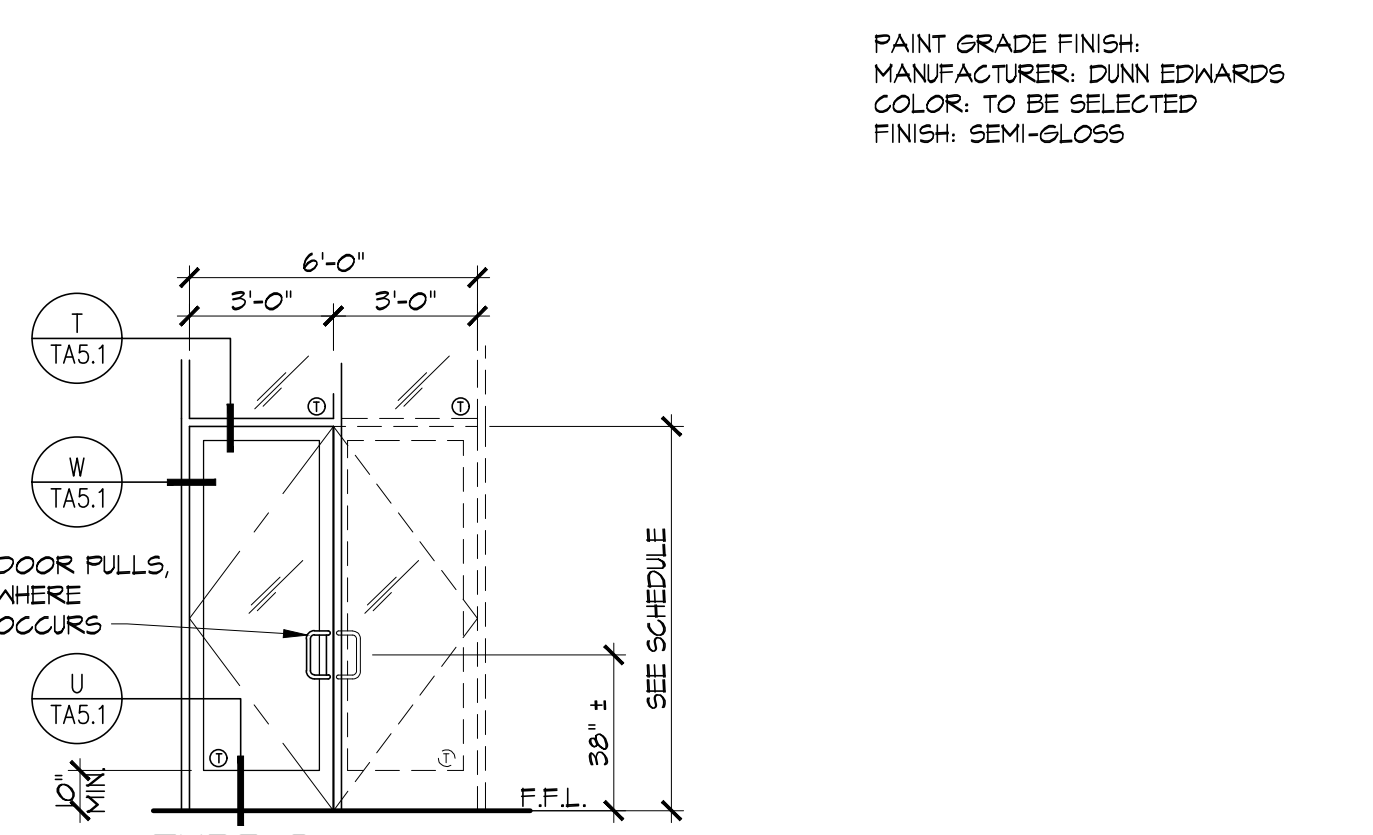
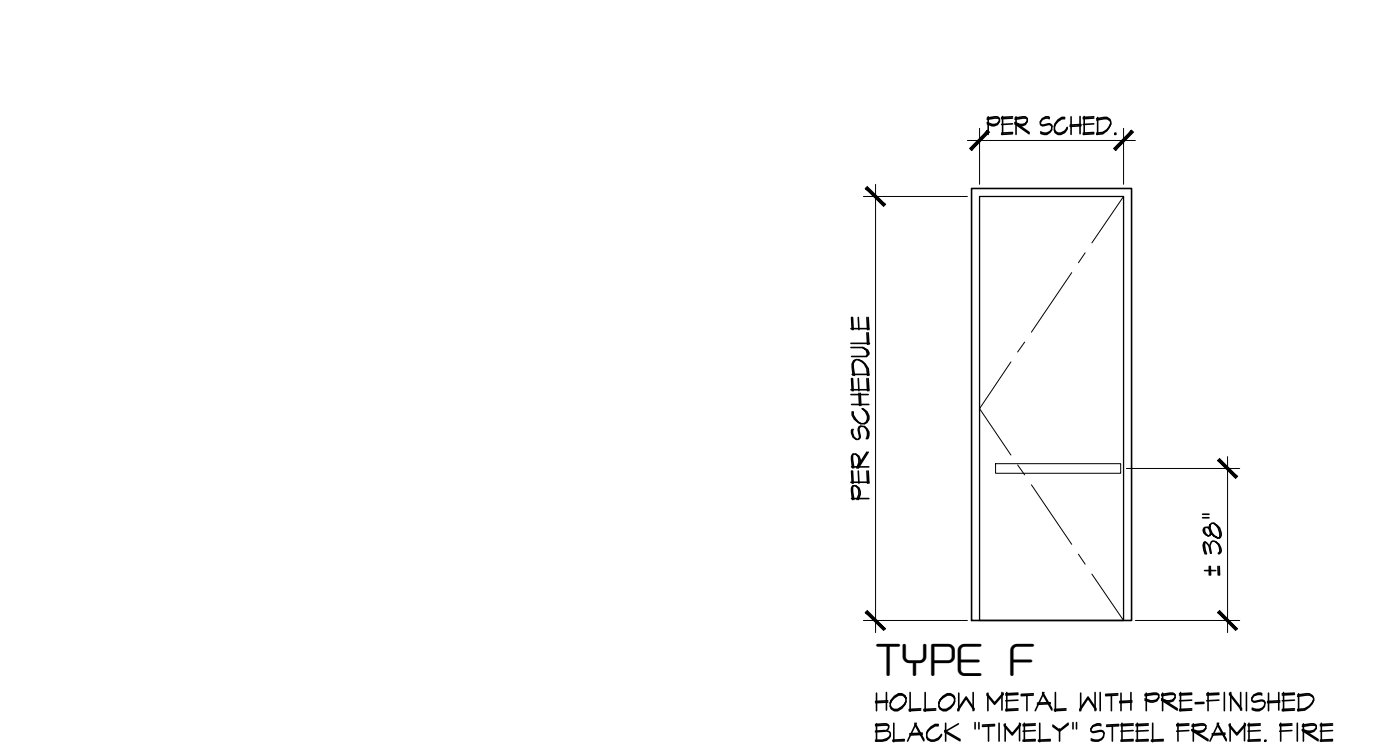
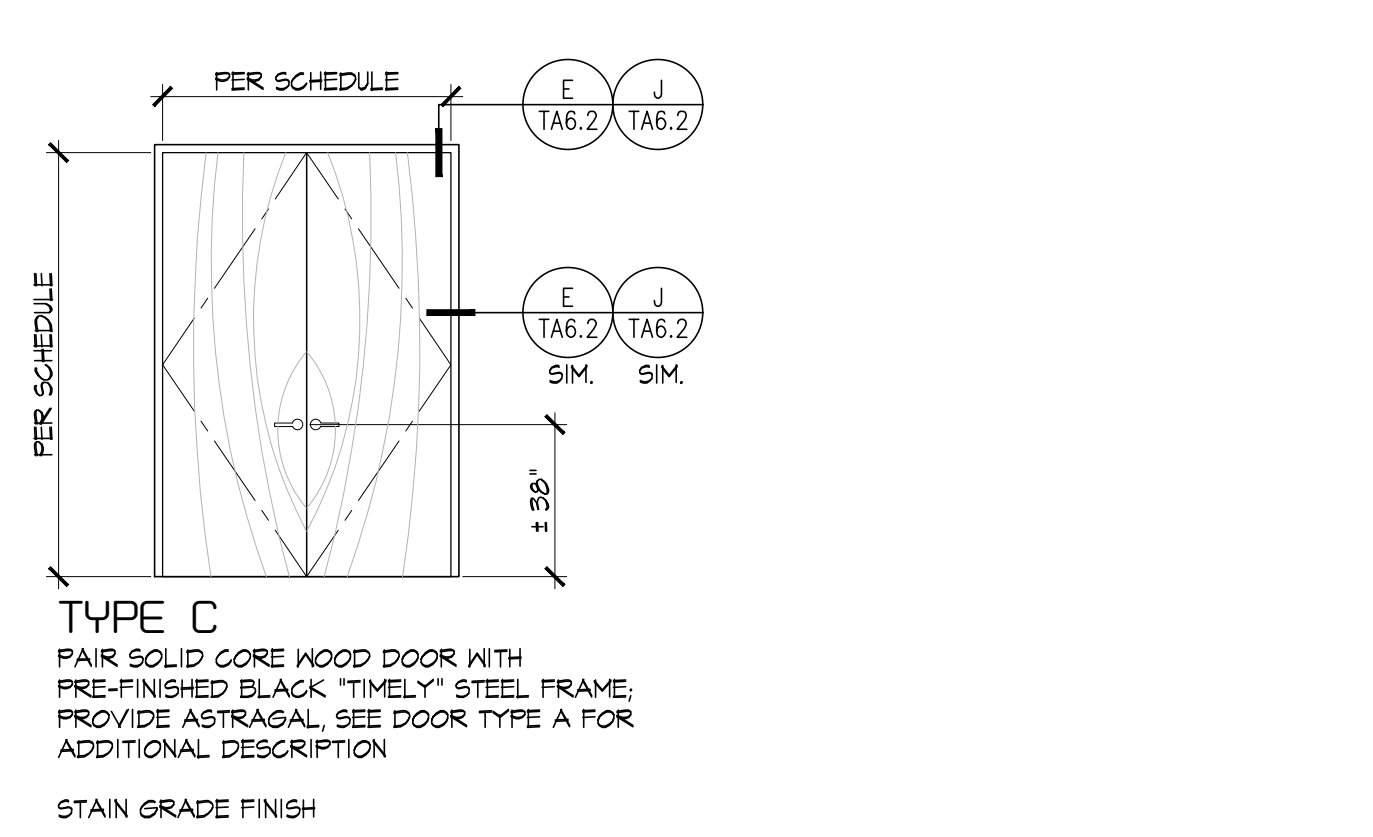
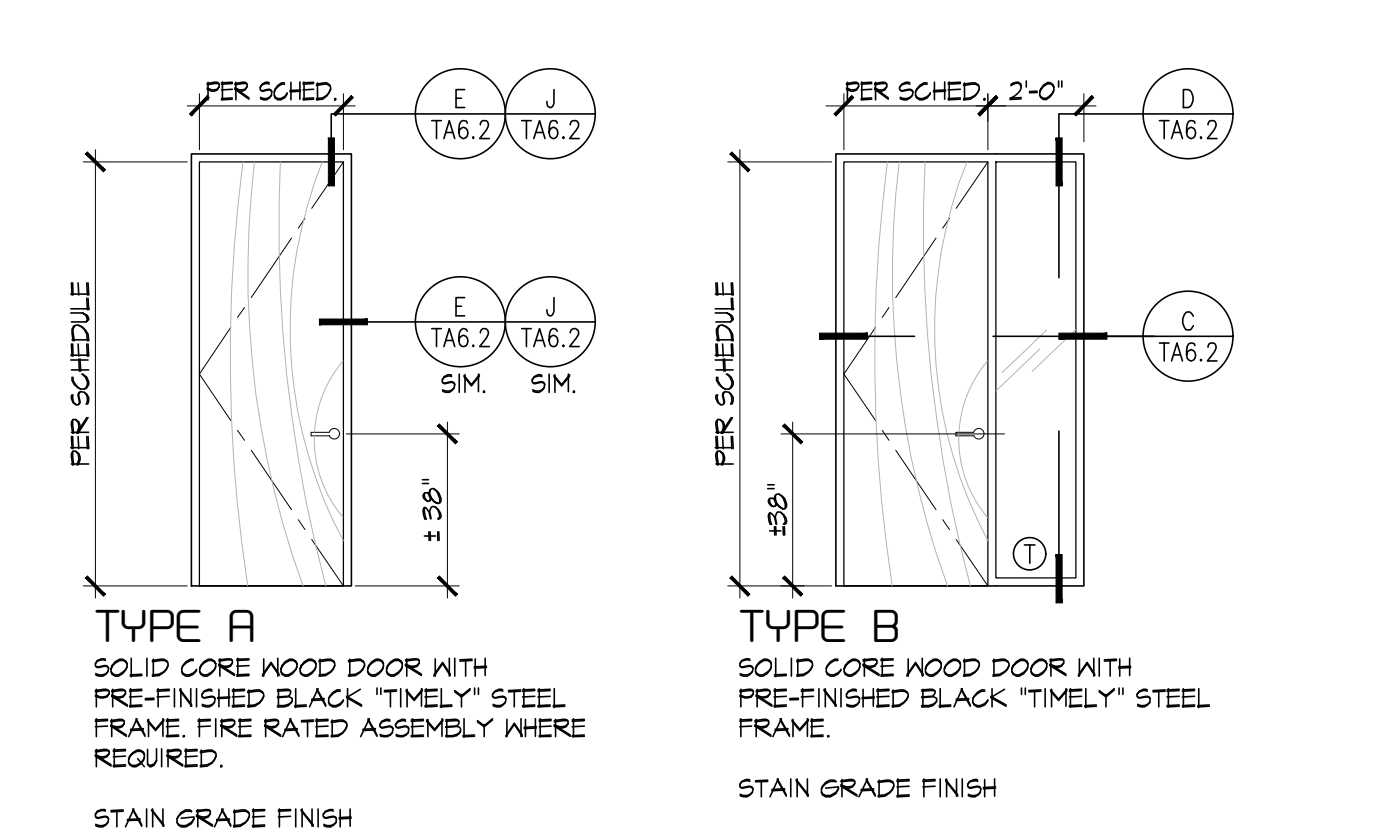
DOOR KEYNOTES

- MOUNT F.O.B. READER NO HIGHER THAN 48" FROM FINISHED FLOOR.
- WHERE EXISTING RAISED FLOORING HAS BEEN REMOVED, FILL IN VOID AT DOOR HEAD ABOVE AS REQUIRED FOR NEW DOOR HEAD HEIGHT.
- EXIT STAIRWAY DOORS SHALL BE PROVIDED WITH ELECTRONIC LATCH PANIC DEVICE WITH DEFAULT "LOCK" (IN CASE OF POWER FAILURE) TO BE RELEASED ONLY BY A FIRE COMMAND CENTER OR A SIGNAL BY EMERGENCY PERSONNEL FROM A SINGLE LOCATION INSIDE THE MAIN ENTRANCE TO THE BUILDING. (2016 CBC SEC. 1010.1.1.11 EXCEPTION #5)
- PROVIDE APPLICABLE GLAZING TO OMIT FIRE-RATED APPLICABLE ITS IN ONE-HOUR RATED EXIT NOT

HARDWARE LIST

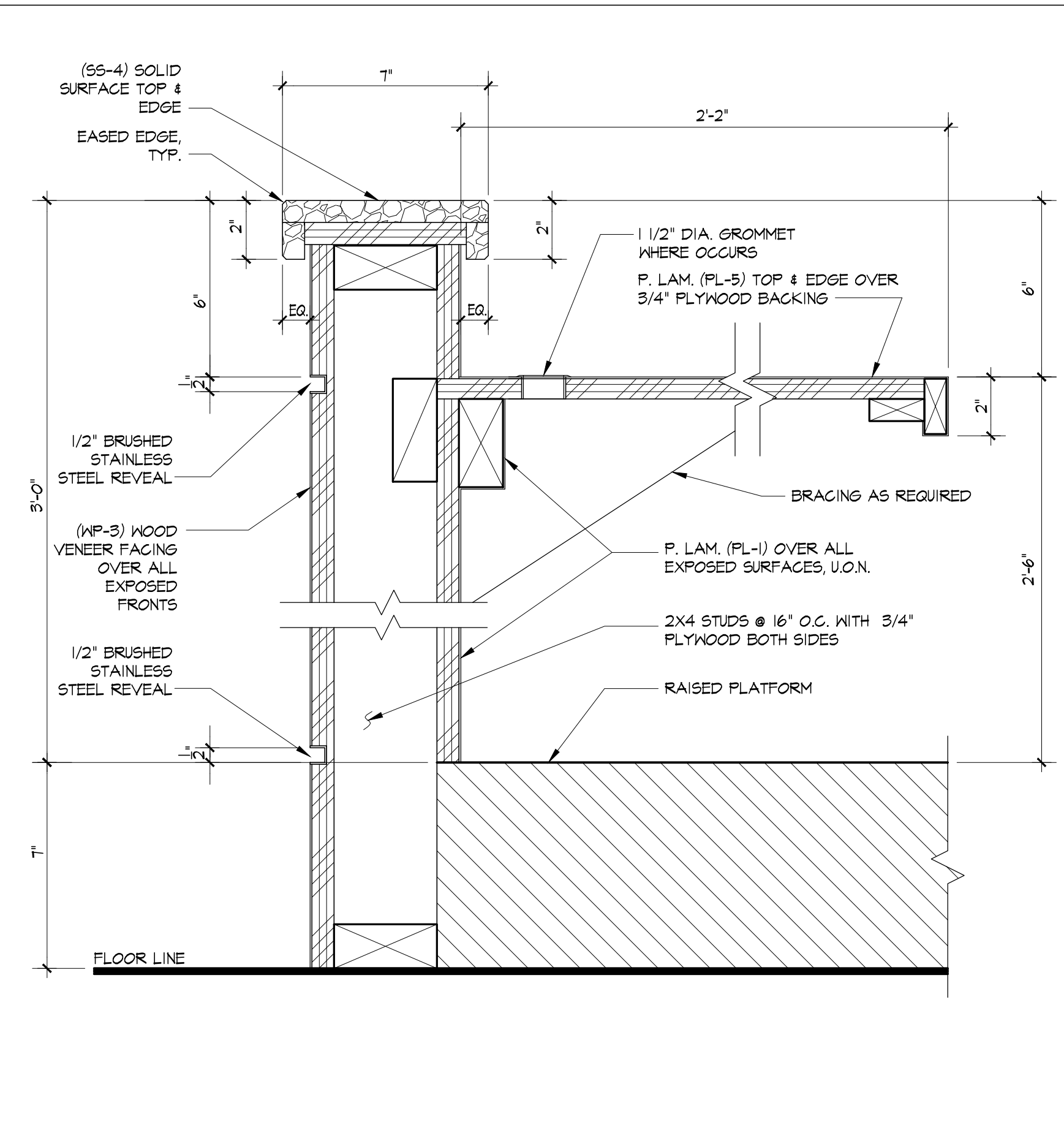
DOOR PULLS	TRIMCO # 1191-4, 1" DIA. x 12", STAINLESS STEEL OR MATCH EXISTING
MORTISE LOCKSETS	CORBIN RUSSHIN - ML2000 SERIES
CYLINDERS LOCKSETS	CORBIN RUSSHIN - GL3500 SERIES
LATCHSETS	
LEVERS	CORBIN RUSSHIN - "LUSTRA"
PANIC DEVICES	CORBIN RUSSHIN - ED4000 / ED5000 SERIES
PUSH PLATES & PULLS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
HINGES	McKINNEY PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR ACCESSORIES PEMCO PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR ACCESSORIES
CLOSERS	CORBIN RUSSHIN - D06000 SERIES; SURFACE MOUNTED (HEAVY DUTY) CORBIN RUSSHIN - UNITROL SERIES; SURFACE MOUNTED (UNITROL)
MAN. FLUSH BOLTS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
AUTO FLUSH BOLTS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
STOPS	ROCKWOOD PRODUCTS; ASSA ABLOY ARCHITECTURAL DOOR SERIES
COORDINATOR	GLYNN-JOHNSON - GCR SERIES
DUST PROOF STRIKES	GLYNN-JOHNSON - DP2
THRESHOLDS	PEMCO - NO. 271-A AT INTERIOR WOOD DOORS PEMCO - NO. 158-A AT H.M. DOORS PEMCO - NO. 312-A AT GLASS DOORS
DOOR BOTTOMS	PEMCO - NO. 345 A AT GLASS DOORS PEMCO - NO. 222 AV AT H.M. DOORS.
SEALS	PEMCO - NO. 588 W PEMCO - NO. 350 AT SOUND DOOR CONDITIONS
ASTRAGAL	PEMCO - NO. 355 CV
KICK PLATES	TRIMCO # KO090 - 16", STAINLESS STEEL (BOTH SIDES OF DOOR)

DOOR TYPES

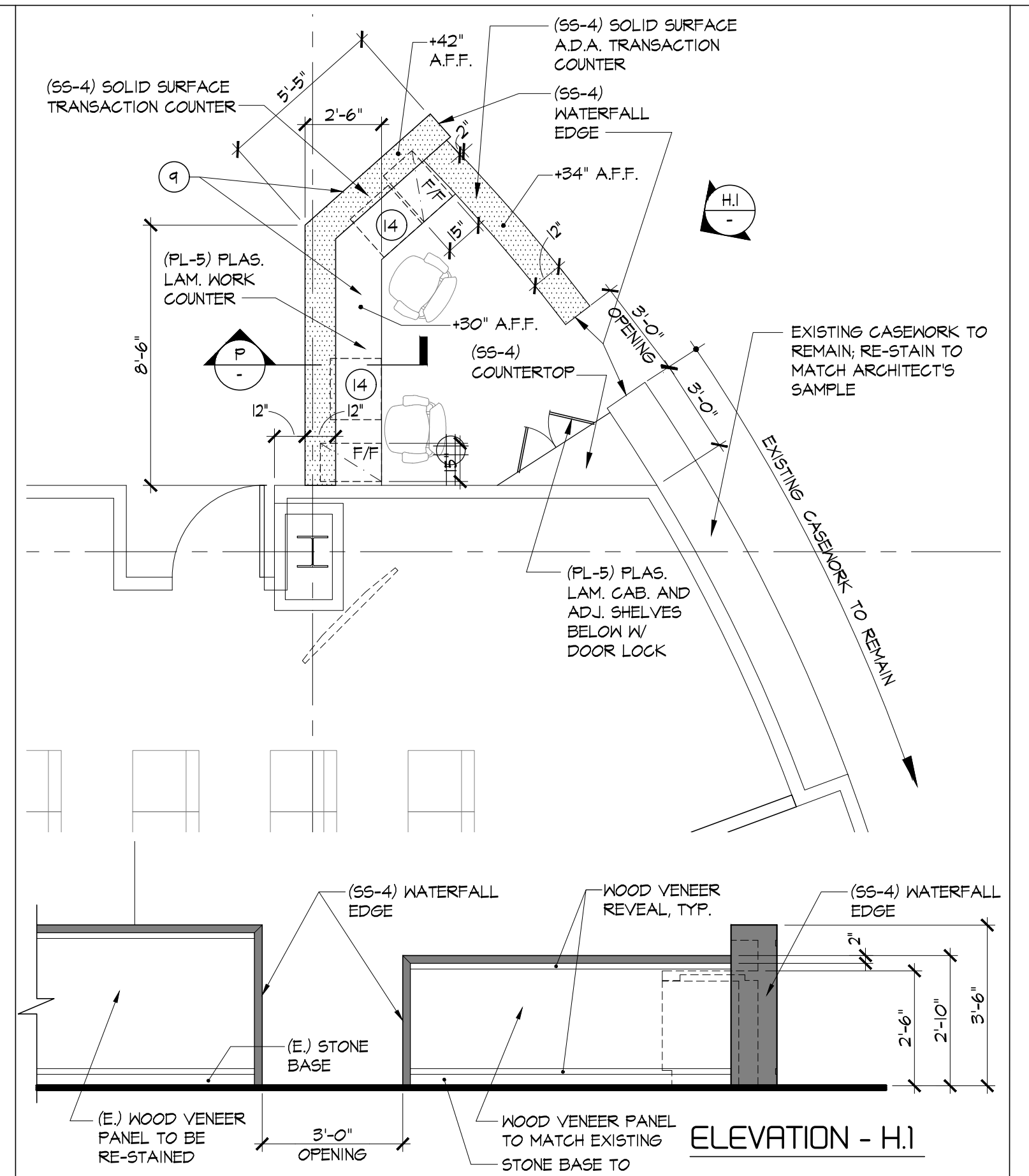


SECOND FLOOR DOOR SCHEDULE

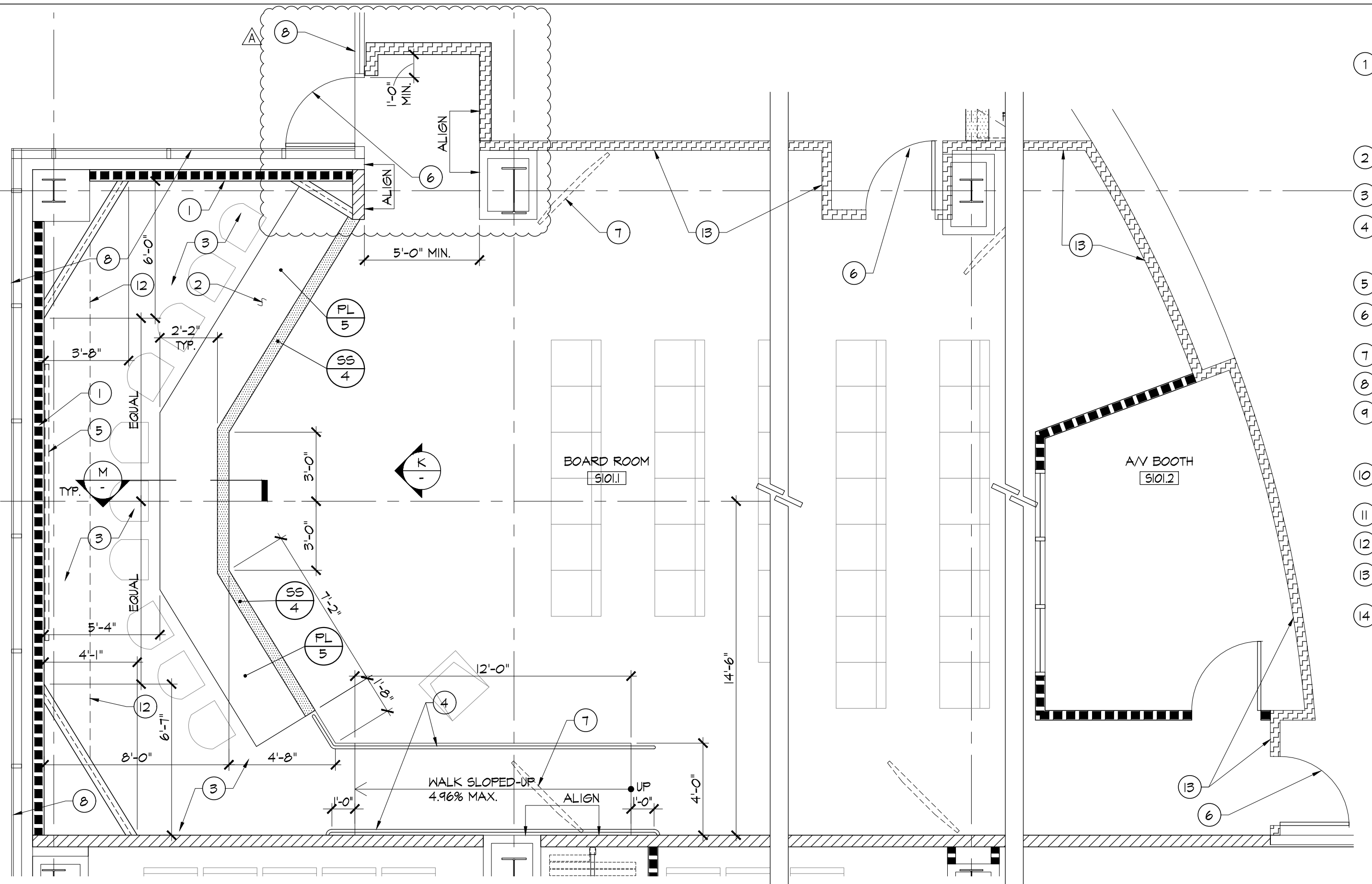
DOOR NO.	TYPE	DOOR				FRAME		FIRE RATING	HARDWARE GROUP	REMARKS	
		WIDTH	HEIGHT	THICKNESS	STYLE	MATERIAL	FINISH				
N200	C	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N201	C	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N202	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	MAGNETIC HOLD OPEN
N203	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	II	3
N204	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
N205	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
N206	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
N207	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
N208	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	6	
N209	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	6	
N210	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N211	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N212	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N213	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
N214	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N215	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N216	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N217	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N218	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N219	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N220	C	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ①
N221	F	3'-0"	8'-0"	1-3/4"	HOLLOW METAL	PAINT GRADE	TIMELY STEEL	PRE-FINISHED	90 MIN.	II	CARD READER AT STAIR SIDE ① ③
N222	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	4.2	②
N223	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
N224	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
N225	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N226	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N227	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
N228	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
N229	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
N230	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N231	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N232	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
N233	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
N234	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
N235	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N236	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N237	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N238	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N239	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
N240	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N241	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N242	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	7	
N243	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
N244	A	3'-6"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	4	CARD READER ① ; CLOSER
N245	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	CARD READER ① ; CLOSER
N246	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	60 MIN.	2	
N247	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
N248	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N249	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N250	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N251	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
N252	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
N253	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
N254	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
N255	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
N256	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N257	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
N258	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S202	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
S203	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S204	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S205	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S206	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
S207	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S208	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
S209	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S210	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S211	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
S212	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S213	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S214	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	2	
S215	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
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S218	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S219	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	CARD READER ① ; CLOSER
S220	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
S221	A	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	4	
S222	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S223	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-	3	
S224	B	3'-0"	8'-0"	1-3/4"	SOLID CORE	STAIN GRADE	TIMELY STEEL	PRE-FINISHED	-		



M BOARD ROOM COUNTER SECTION
SCALE: 3/8"=1'-0"



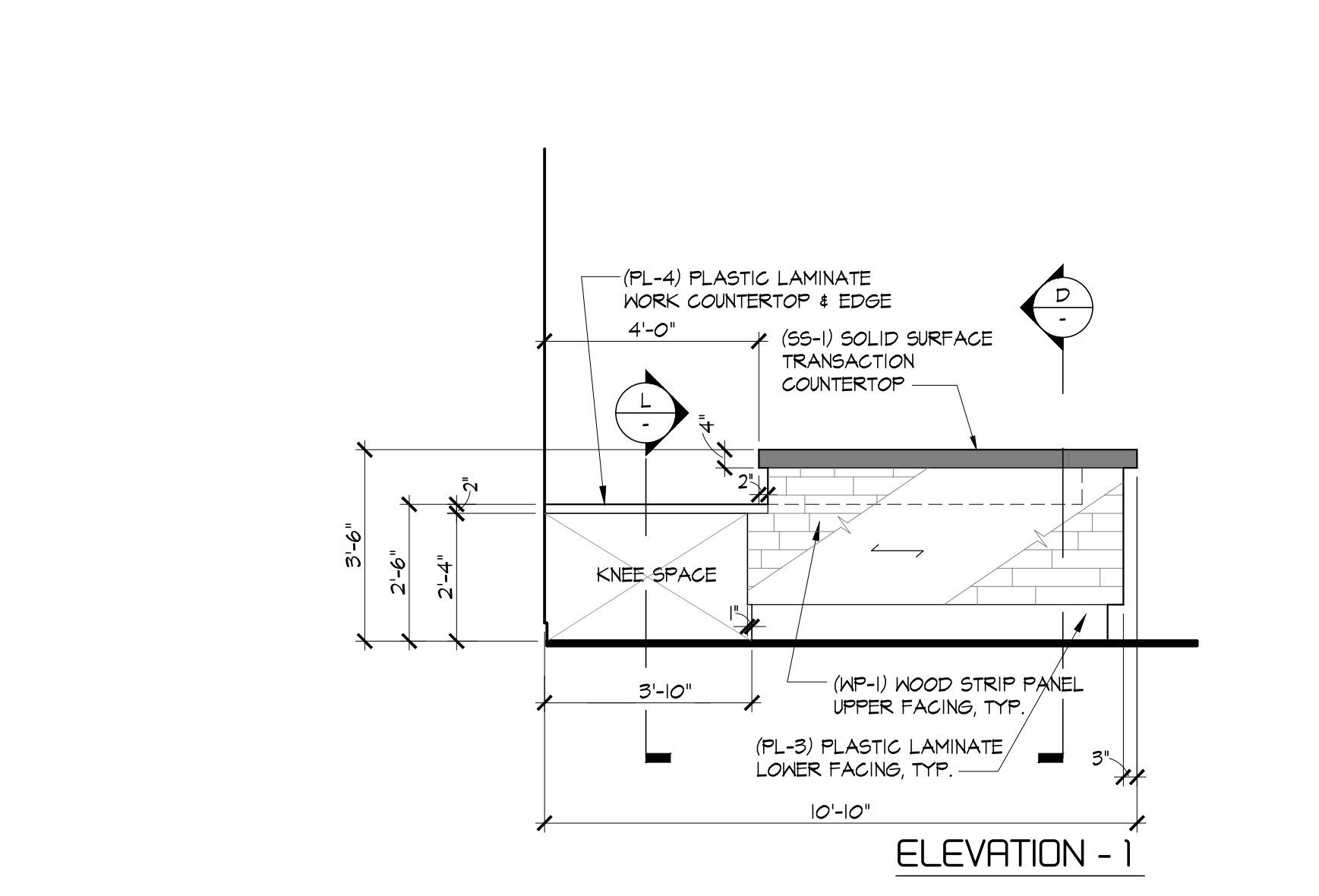
H ENLARGED MAIN LOBBY RECEPTION COUNTER
SCALE: 1/4"=1'-0"



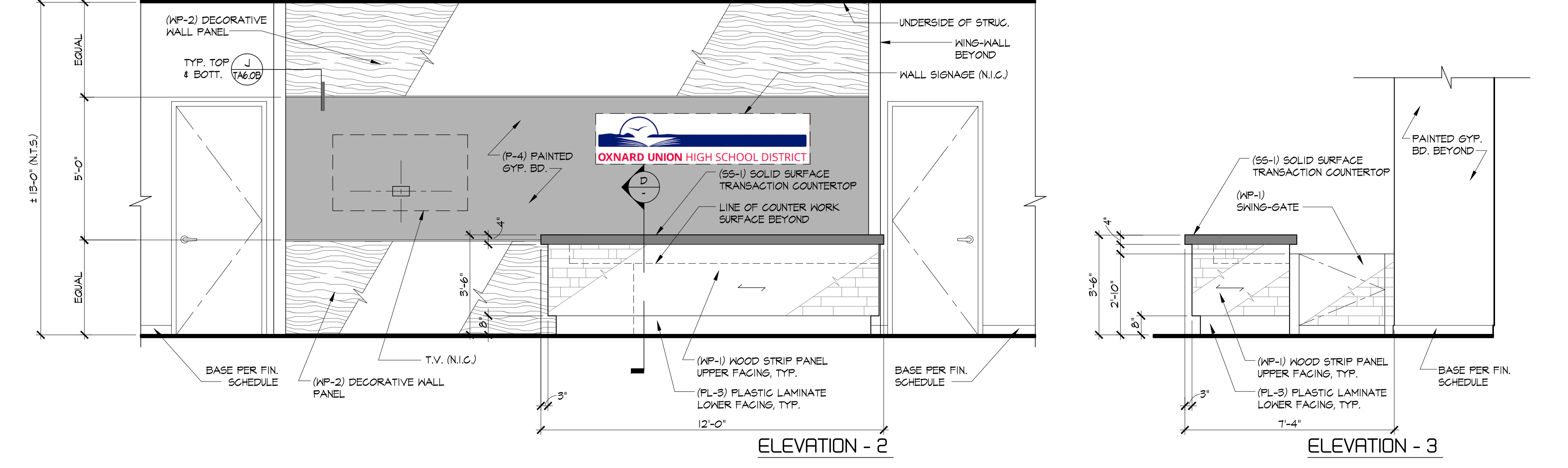
A ENLARGED BOARD ROOM-S101.1 PLAN
SCALE: 1/4"=1'-0"

KEYNOTES

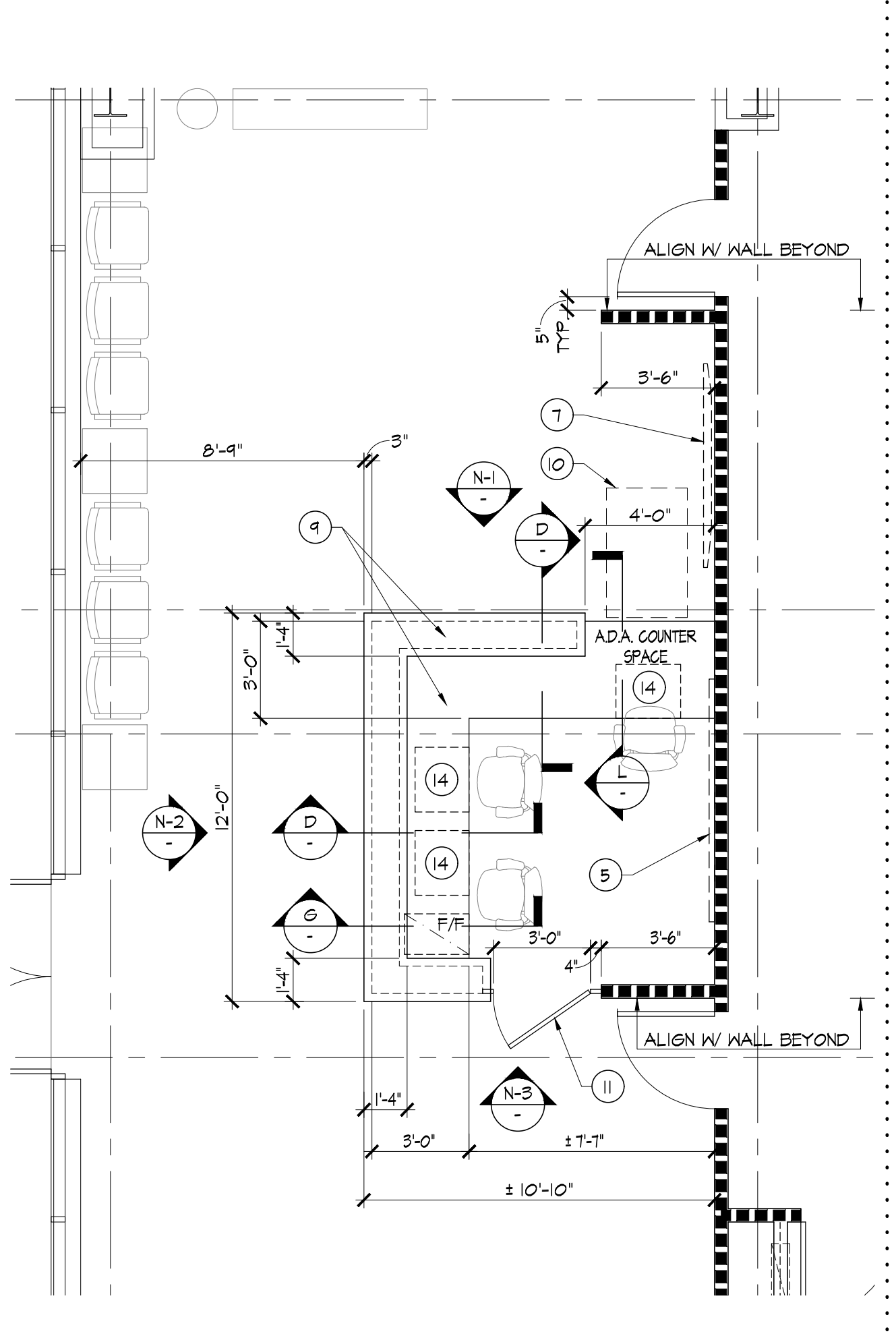
- 1 FULL-HEIGHT PERIMETER WINDOW FURRING: 3 1/2" X 20 GA. GALV. METAL STUDS WITH 1" TYPE 'X' GYPSUM BOARD AND R-15 INSULATION. VENT TOP OF WALL. GYPSUM BOARD FACING GLAZING TO BE PAINTED MATT BLACK.
- 2 BUILT-IN WOOD VENEER BOARD ROOM DESK. PLASTIC LAMINATE WORK SURFACE & SOLID SURFACE TOP.
- 3 1" HIGH PLATFORM A.F.F.
- 4 PROVIDE 30" HIGH BRUSHED STAINLESS STEEL PIPE HANDRAIL AND 2" CONTRASTING COLOR BAND AT 1" FROM EDGE AT PERIMETER OF PLATFORM.
- 5 WALL SIGNAGE (N.I.C.)
- 6 PANIC HARDWARE ON REQUIRED EXIT DOORS WITH OCCUPANT LOAD SIGNAGE ABOVE DOOR.
- 7 LINE OF TV ABOVE (N.I.C.)
- 8 EXISTING STOREFRONT WINDOW SYSTEM.
- 9 BUILT-IN RECEPTION DESK WITH WOOD VENEER FACE, PLASTIC LAMINATE WORK SURFACE AND SOLID SURFACE TRANSACTION COUNTER.
- 10 LINE 30" X 48" CLEAR FLOOR SPACE IN FRONT OF ACCESSIBLE COUNTER.
- 11 36" WIDE PLASTIC LAMINATE SWING GATE.
- 12 LINE OF SOFFIT ABOVE.
- 13 UPGRADE EXISTING LOBBY PARTITION AS REQUIRED TO SOUND CONTROL PARTITION PER DETAIL M/TAB.1
- 14 PENCIL DRAWER.



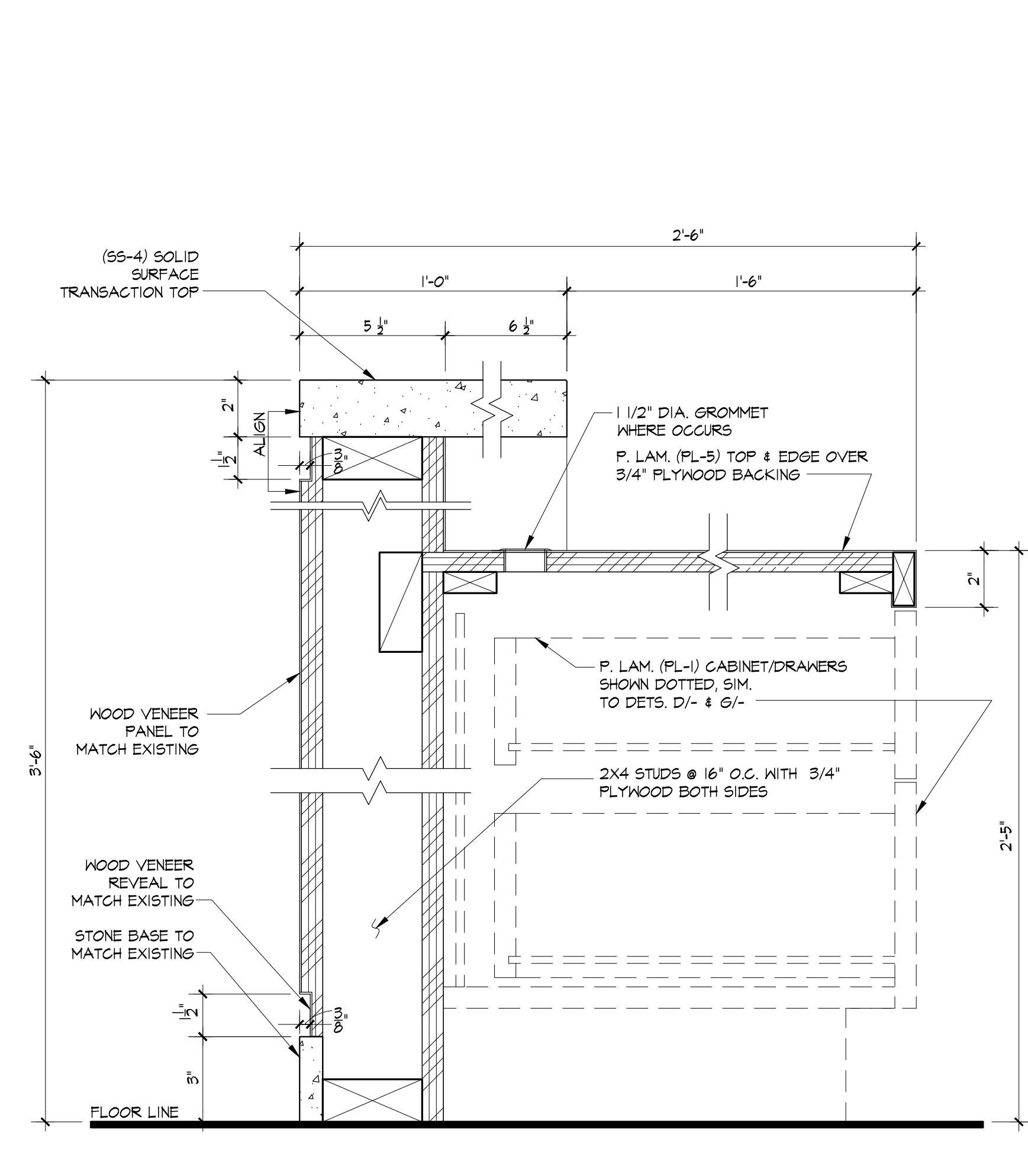
N ENLARGED RECEPTION-N101 COUNTER ELEVATIONS
SCALE: 3/8"=1'-0"



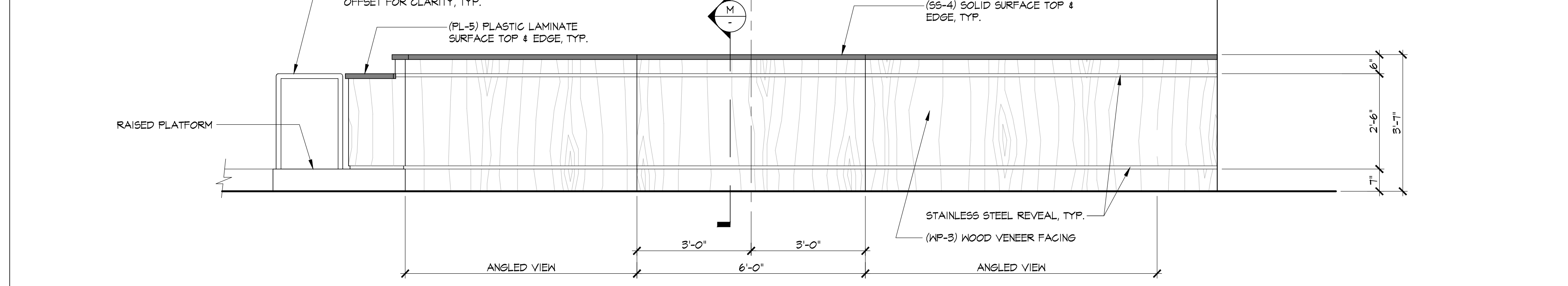
ELEVATION - 2
ELEVATION - 3



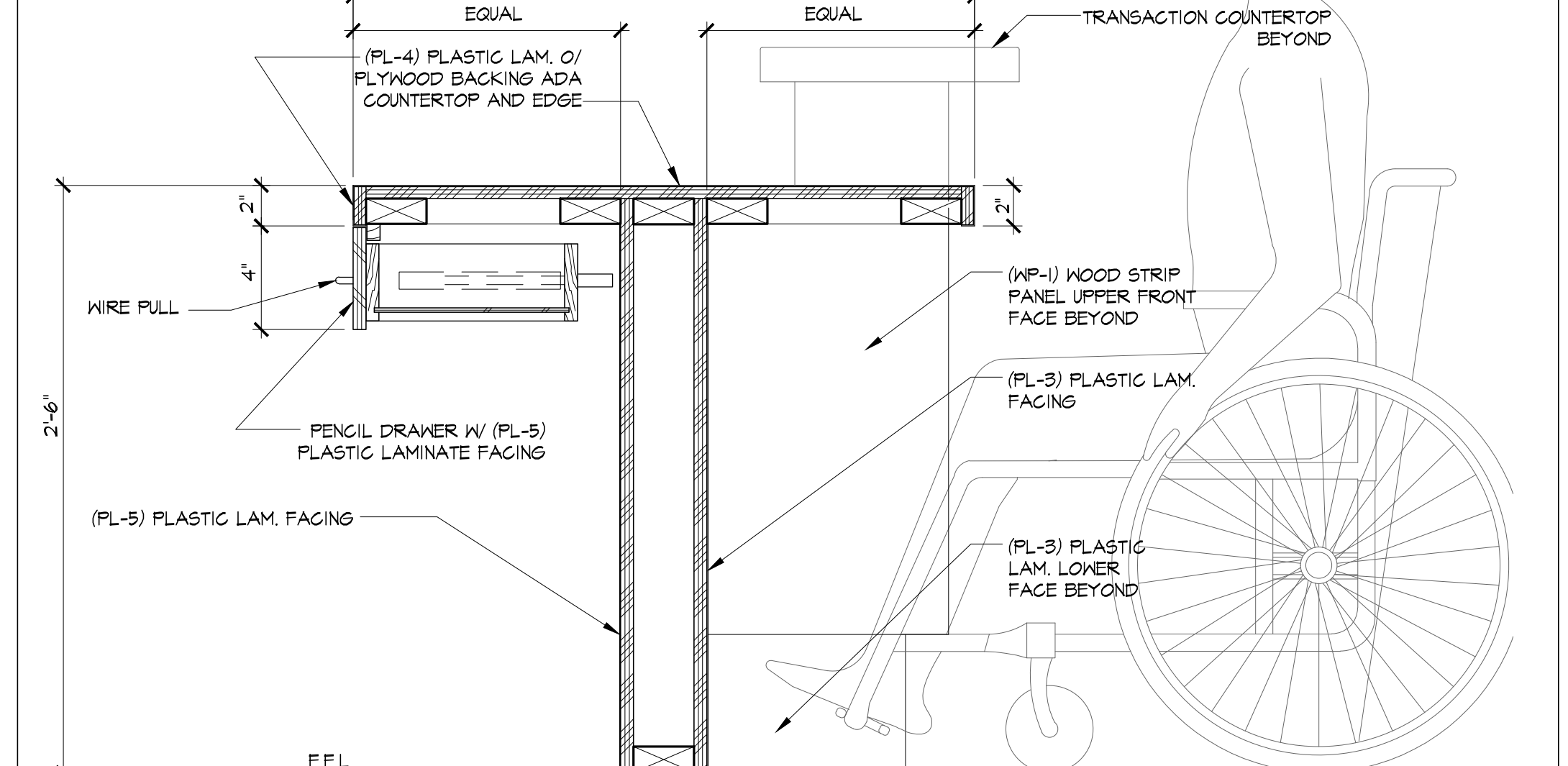
C ENLARGED RECEPTION COUNTER - N101
SCALE: 1/4"=1'-0"



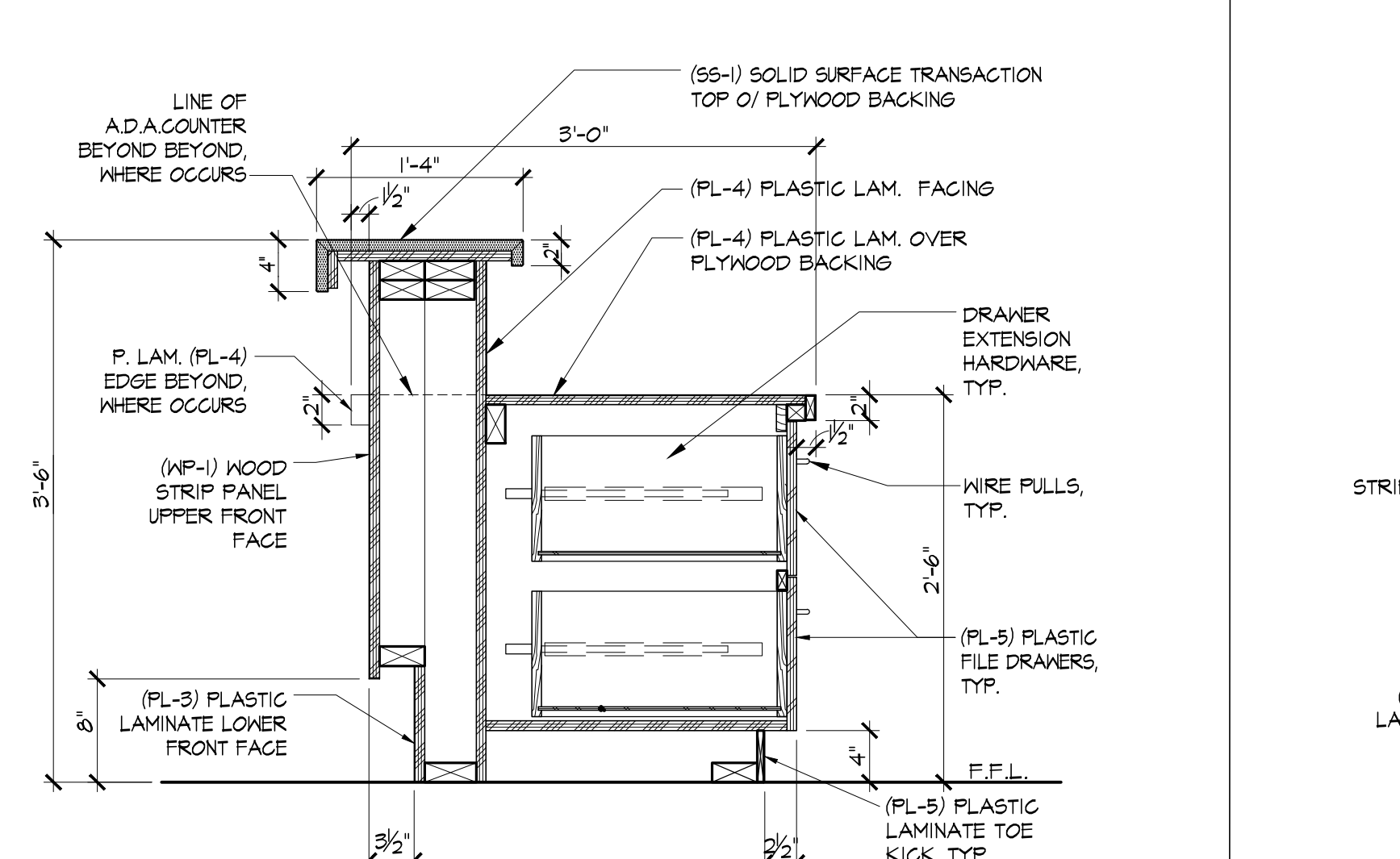
P MAIN LOBBY COUNTER SECTION
SCALE: 3/8"=1'-0"



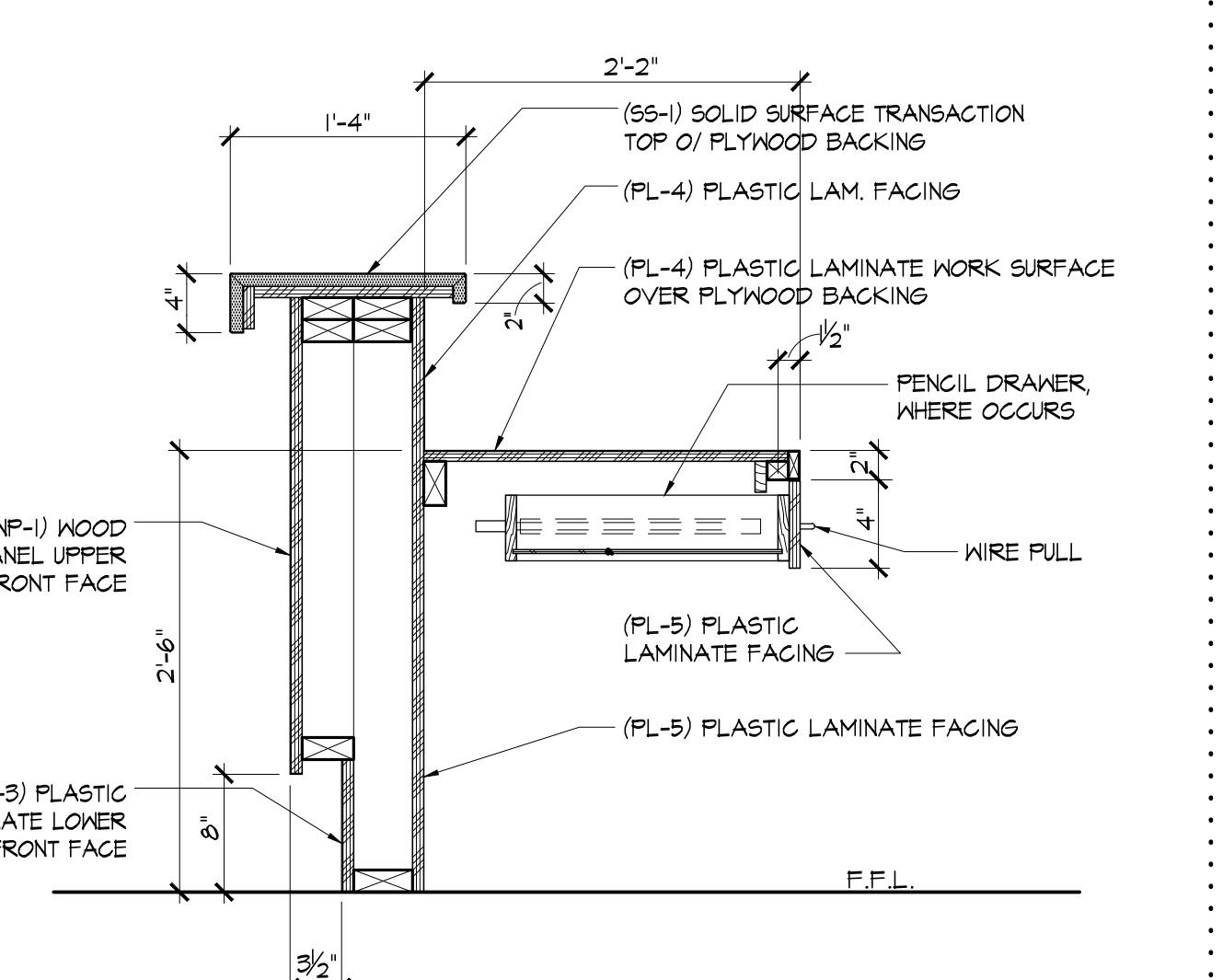
K BOARD ROOM DESK FRONT ELEVATION
SCALE: 1/2"=1'-0"



L A.D.A. COUNTER SECTION AT RECEPTION - N101
SCALE: 1/2"=1'-0"



G COUNTER / FILE CAB. SECTION AT RECEPTION-N101
SCALE: 1"=1'-0"



D COUNTER SECTION AT RECEPTION-N101
SCALE: 1"=1'-0"

pk:a
pk:architecture

5126 Lincoln Drive, Suite 110
Escondido, California 92029
P: 858-990-0057 F: 858-990-0019
www.pkarchitecture.net

TENANT IMPROVEMENTS FOR
OXNARD UNION HIGH SCHOOL DISTRICT
1800 N SOLAR DRIVE - 1st & 2nd Floors
OXNARD, CALIFORNIA

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remarks	date
PROGRESS SET	10/14/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-A / PC CORRECTION	

sheet title

DETAILS

drawn by

project no 18-66.60

date

scale

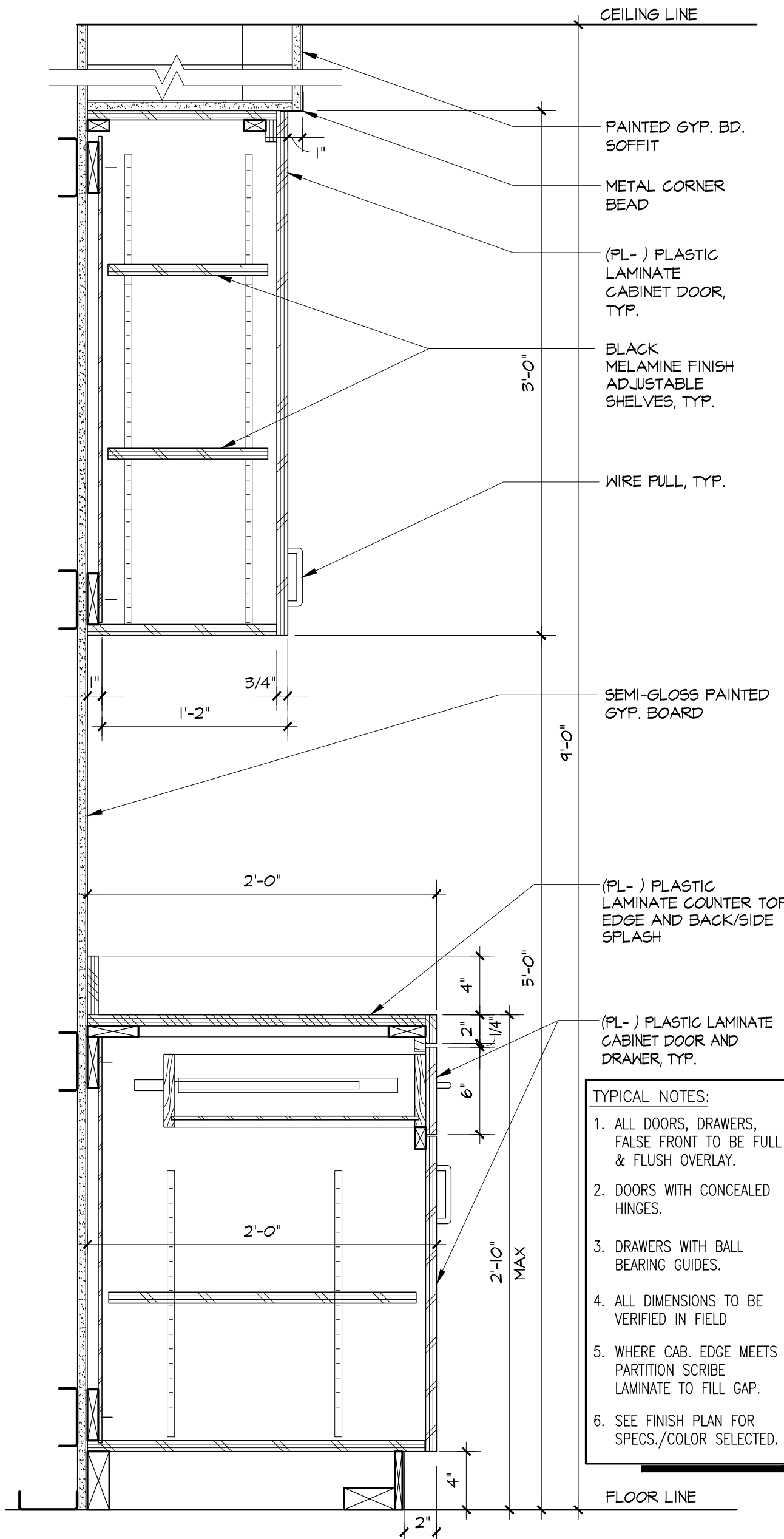
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PROGRESS SET	10/19/19
PLAN CHECK SUBMIT.	12/19/19
BID ISSUE	02/24/20
ADD-R / PC CORRECTION	

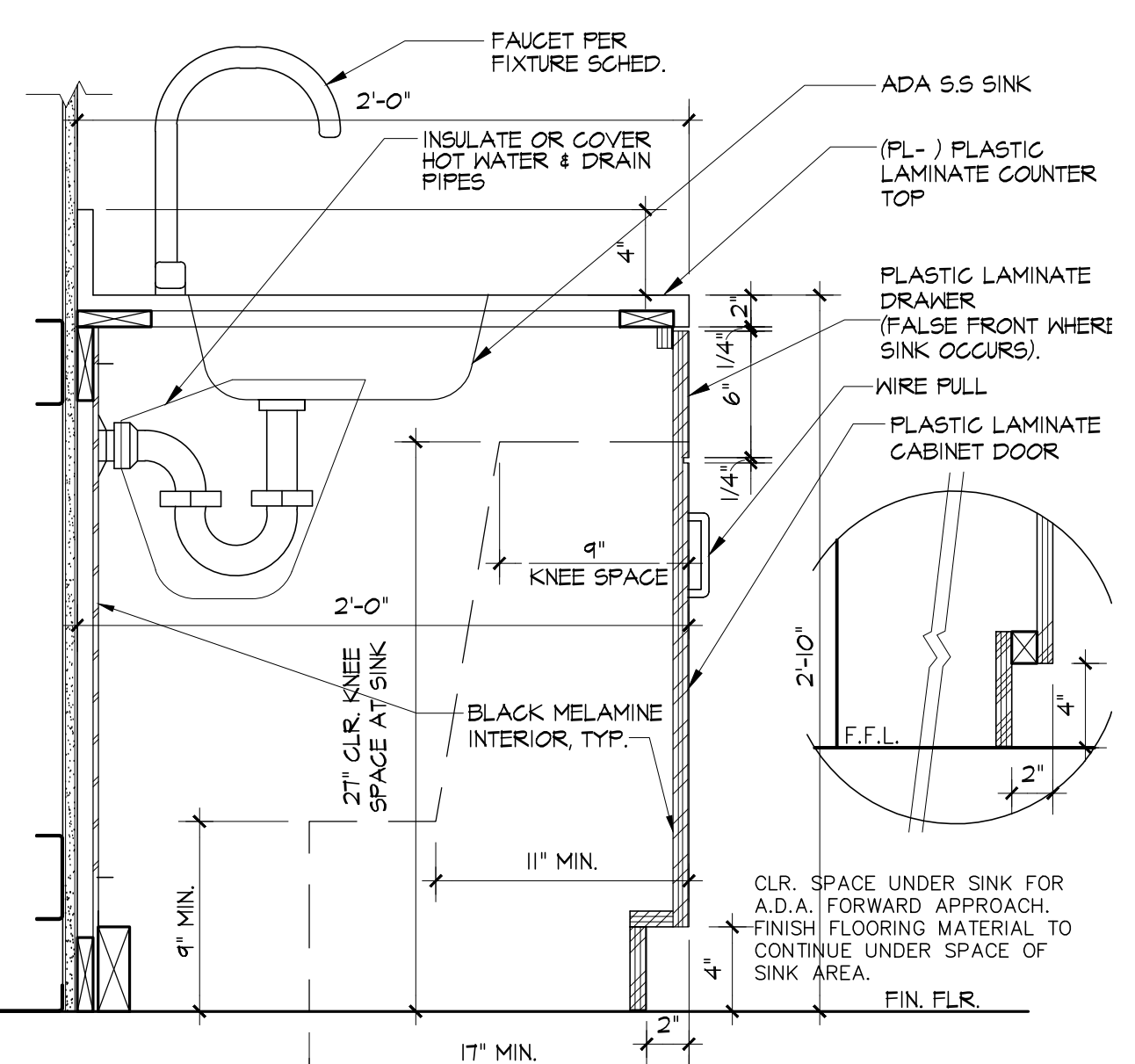
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DETAILS

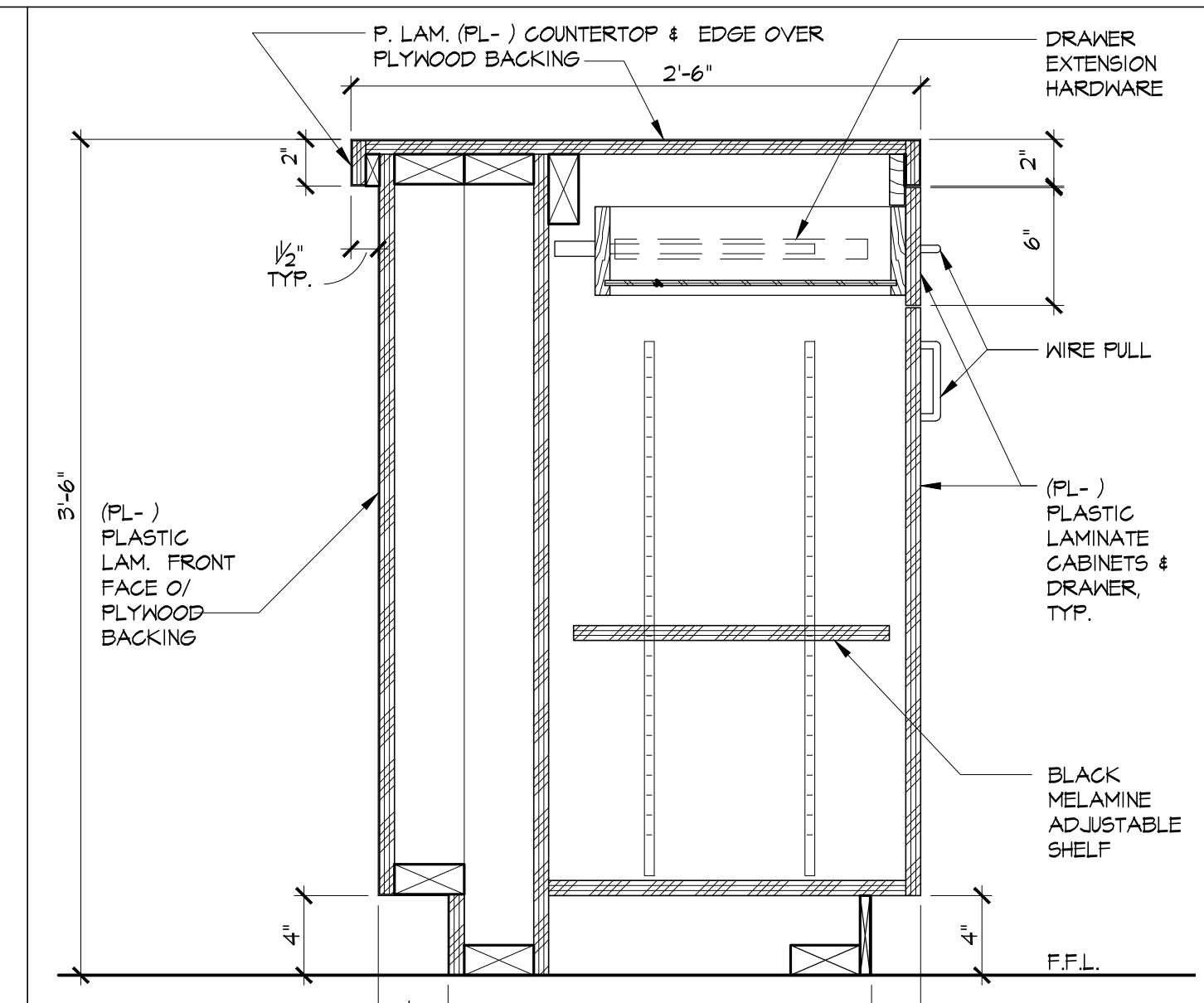
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project no 18-66.60
date
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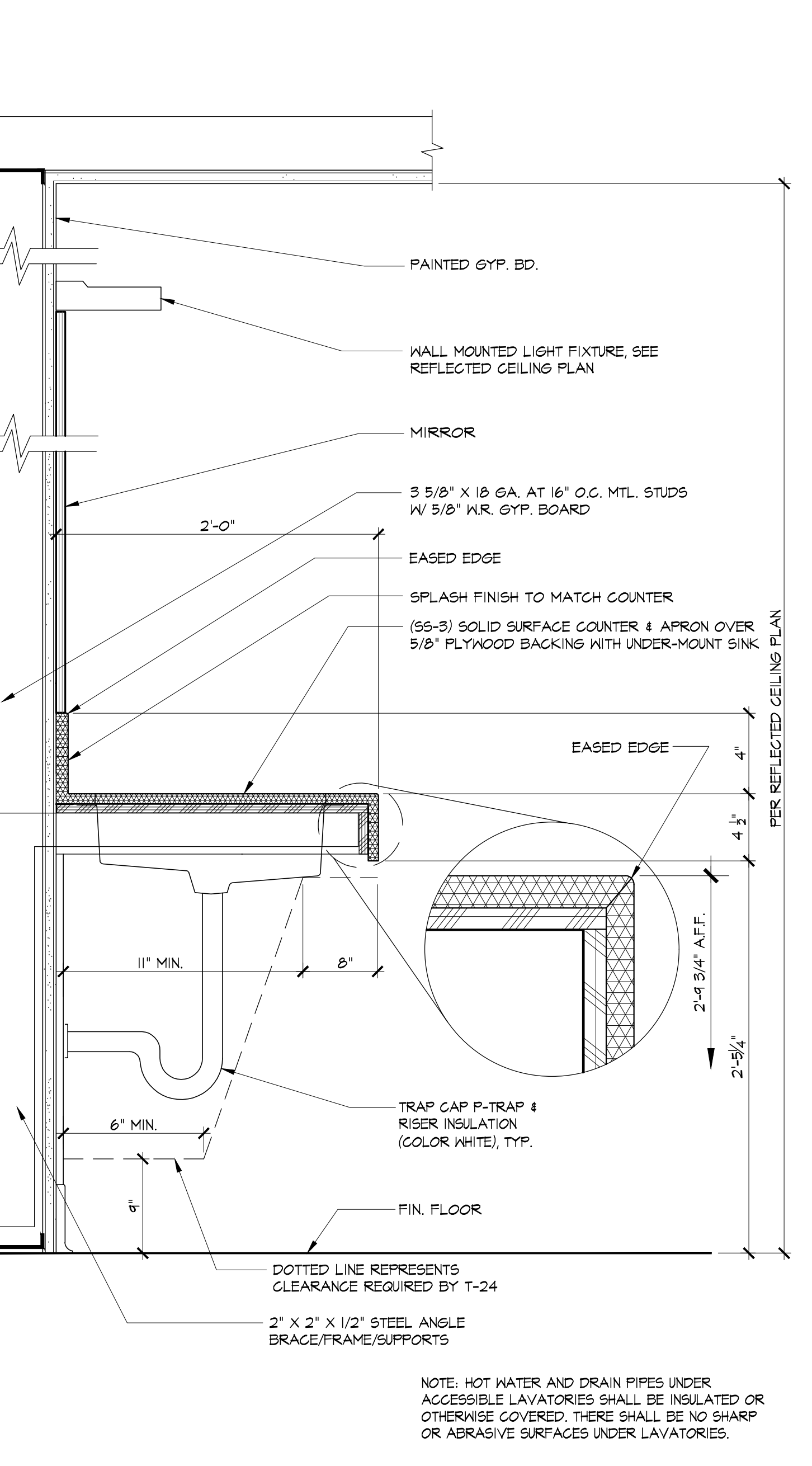
T CABINET SECTION AT BREAK ROOM-360
SCALE: 1/12"=1'-0"



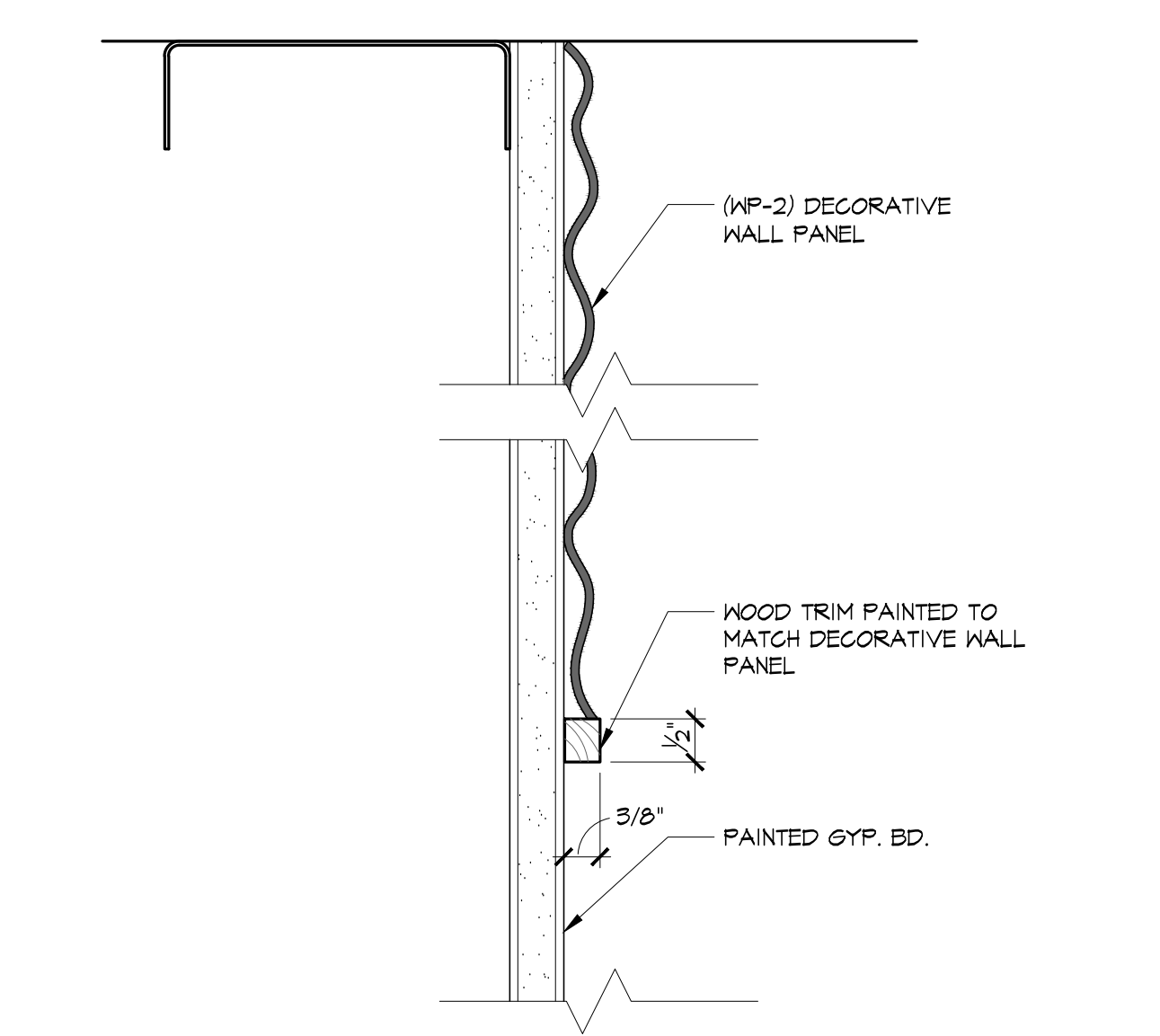
U CABINET SECTION AT BREAK ROOM-360
SCALE: 1/12"=1'-0"



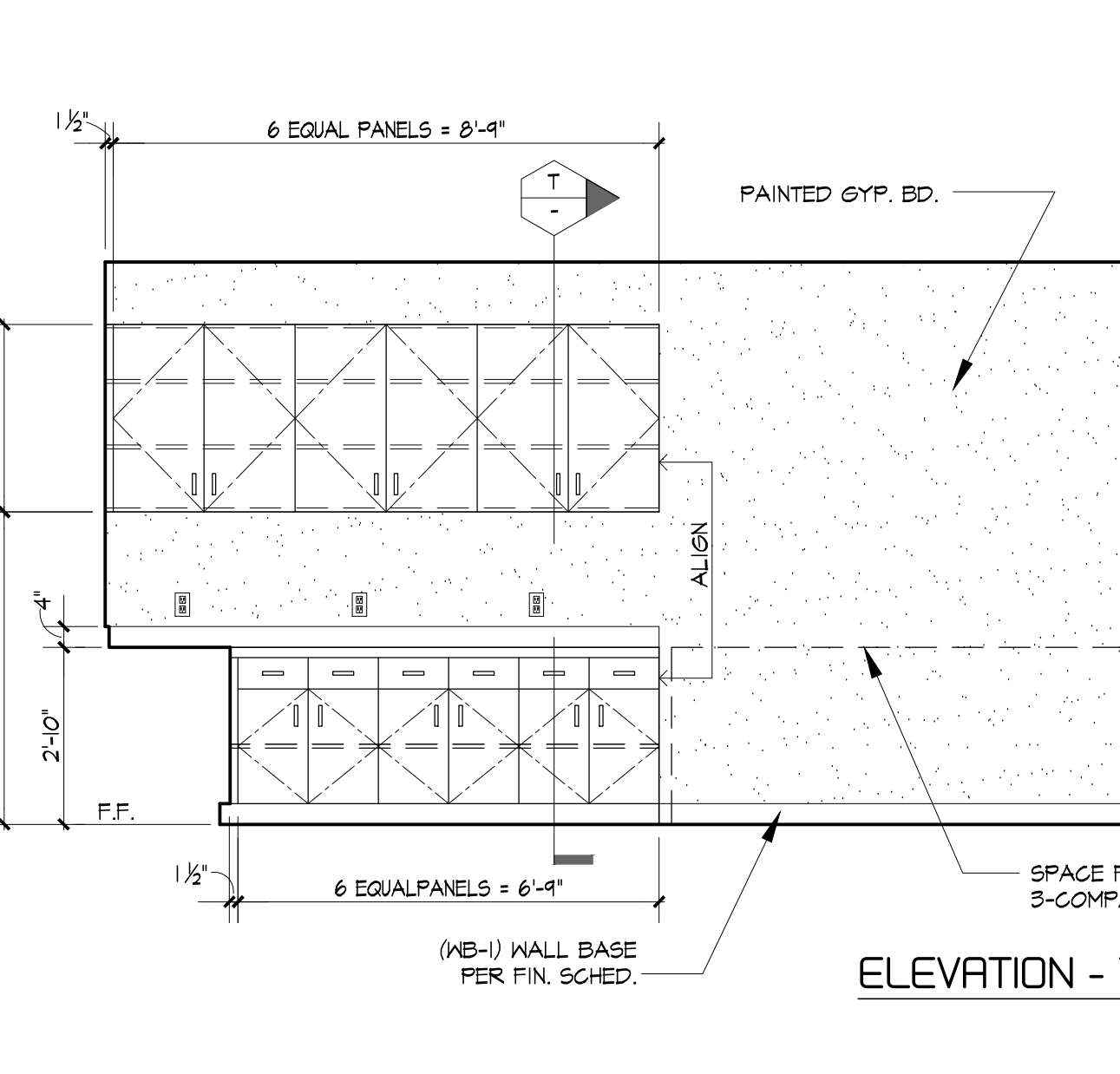
N COUNTER SECTION
SCALE: 3/8"=1'-0"



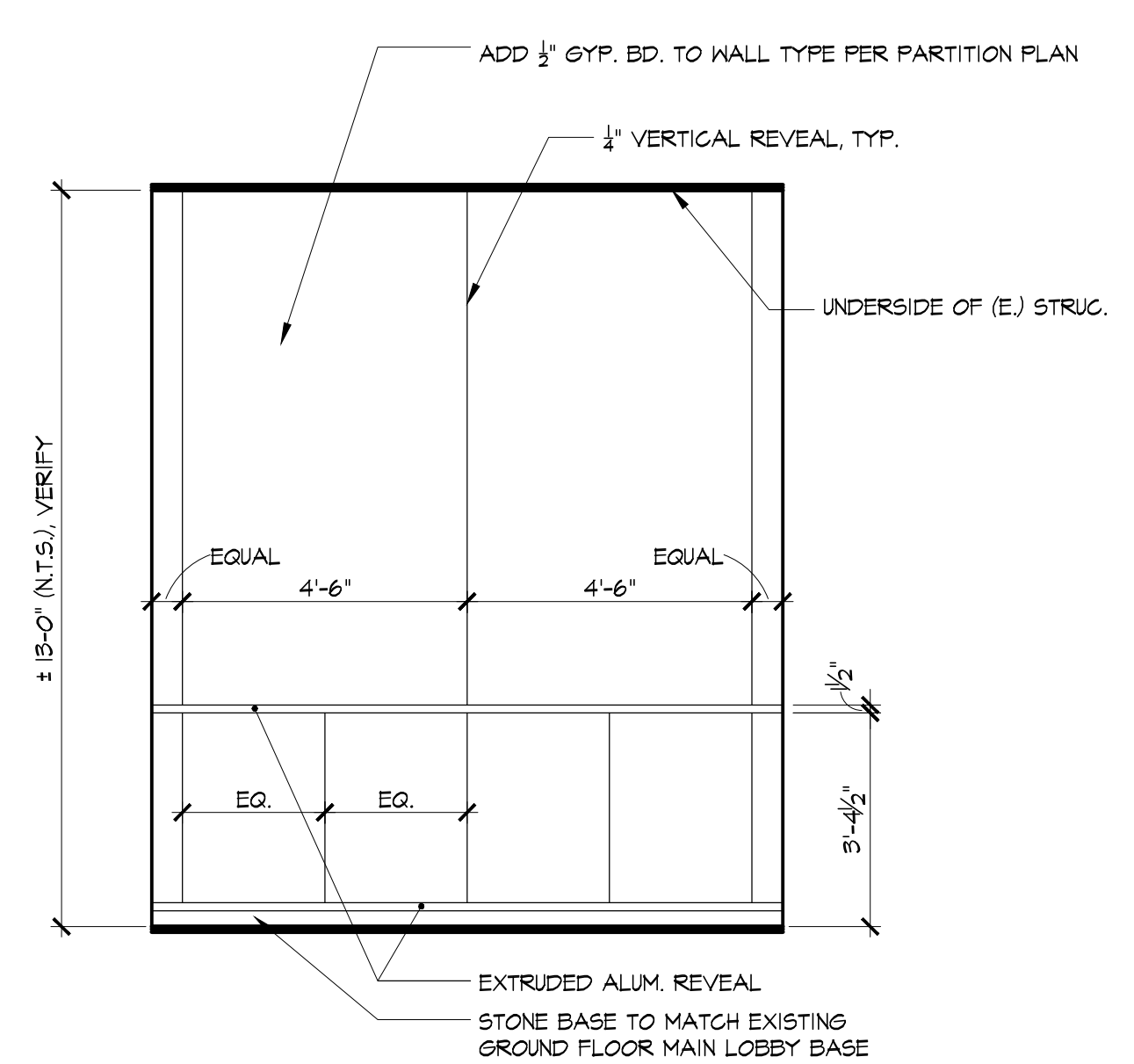
Q TYPICAL RESTROOM COUNTER SECTION
SCALE: 1/12"=1'-0"



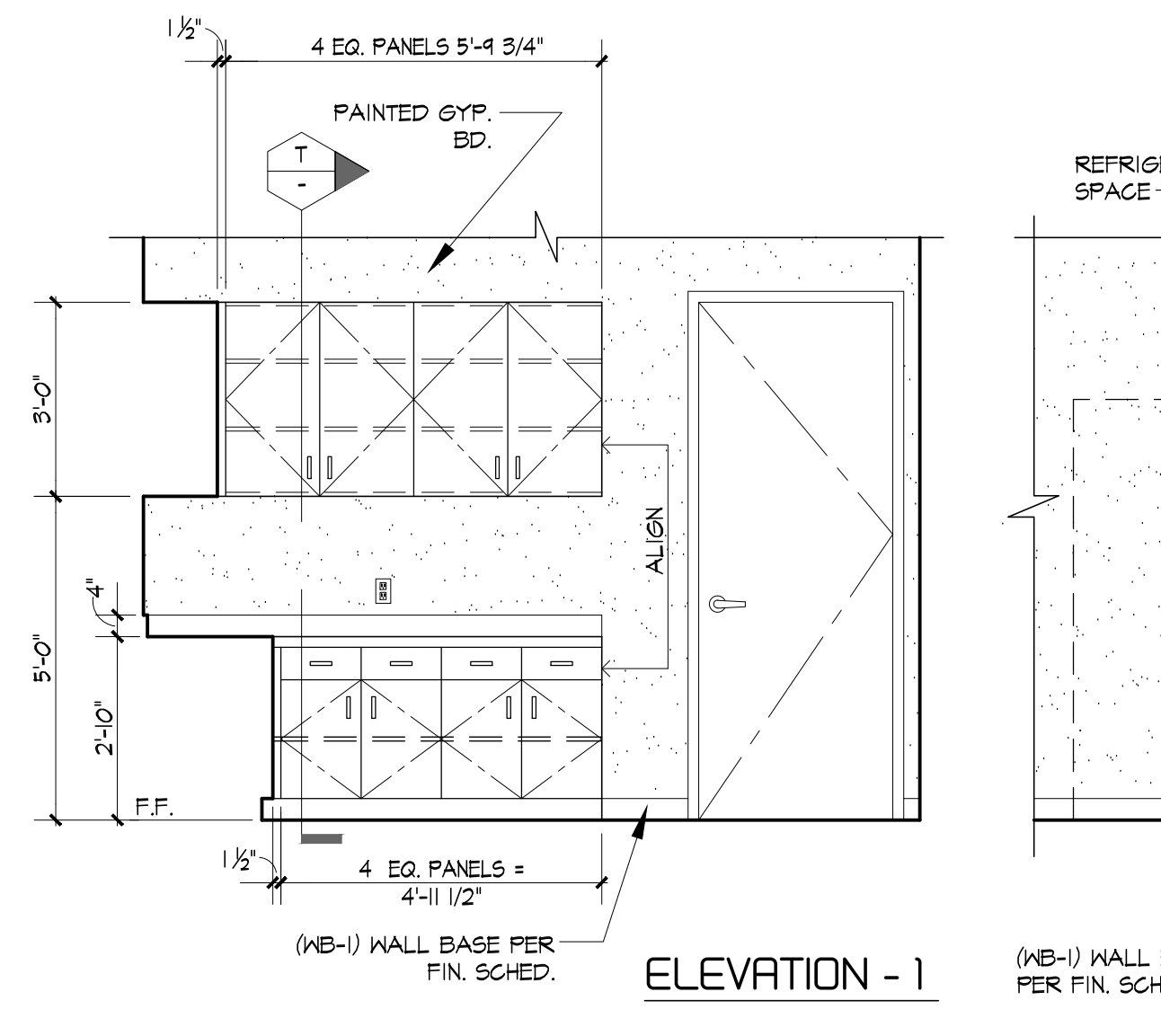
J WOOD TRIM AT DECO. WALL PANEL
SCALE: 6"=1'-0"



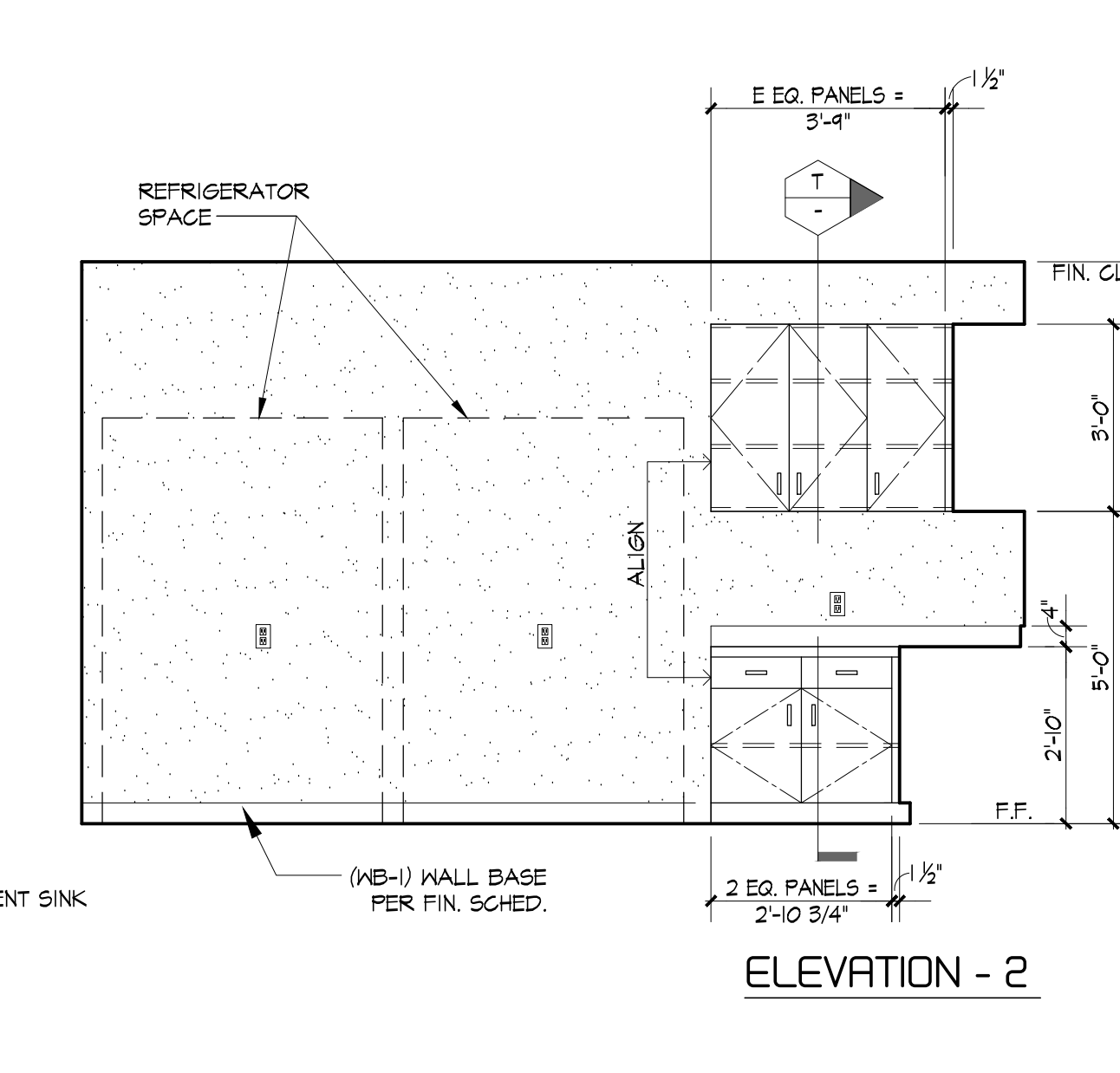
K CABINET ELEVATIONS AT SERVICE NUTRITION SERVICE KITCHEN-235A
SCALE: 3/8"=1'-0"



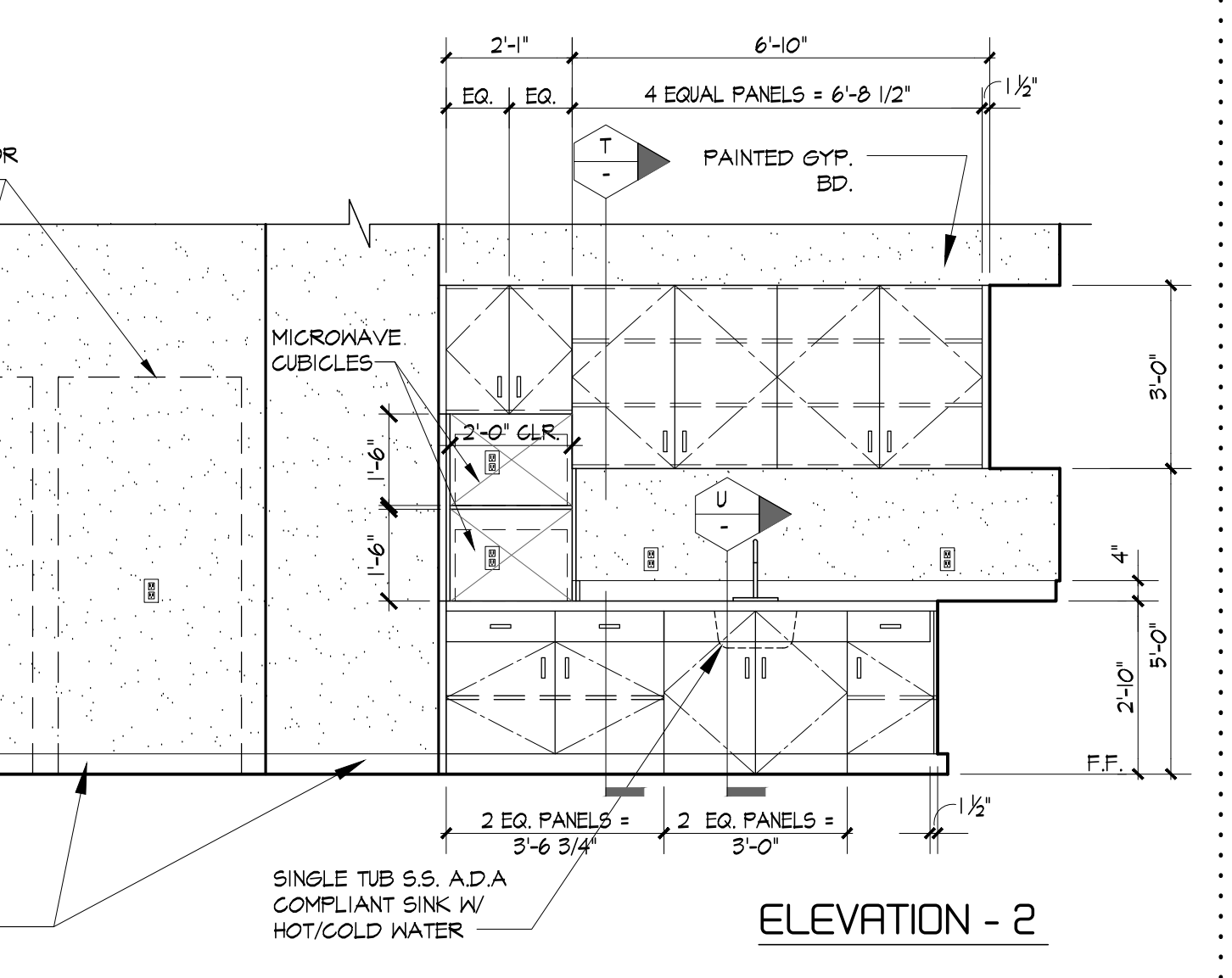
M WALL ELEVATION AT ELEVATOR LOBBY -N201
SCALE: 3/8"=1'-0"



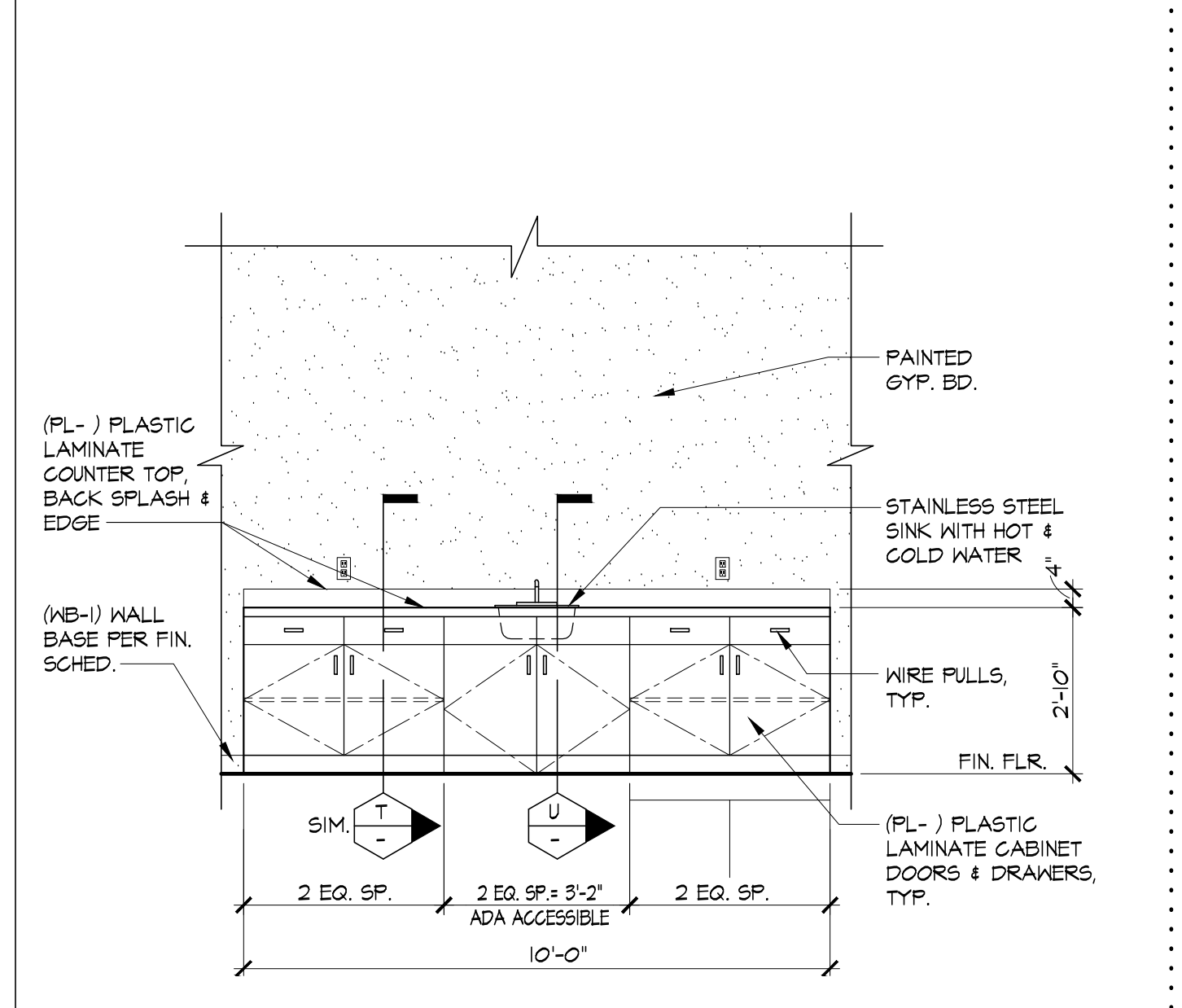
E CABINET ELEVATIONS AT BREAK ROOM/GALLEY -N111
SCALE: 3/8"=1'-0"



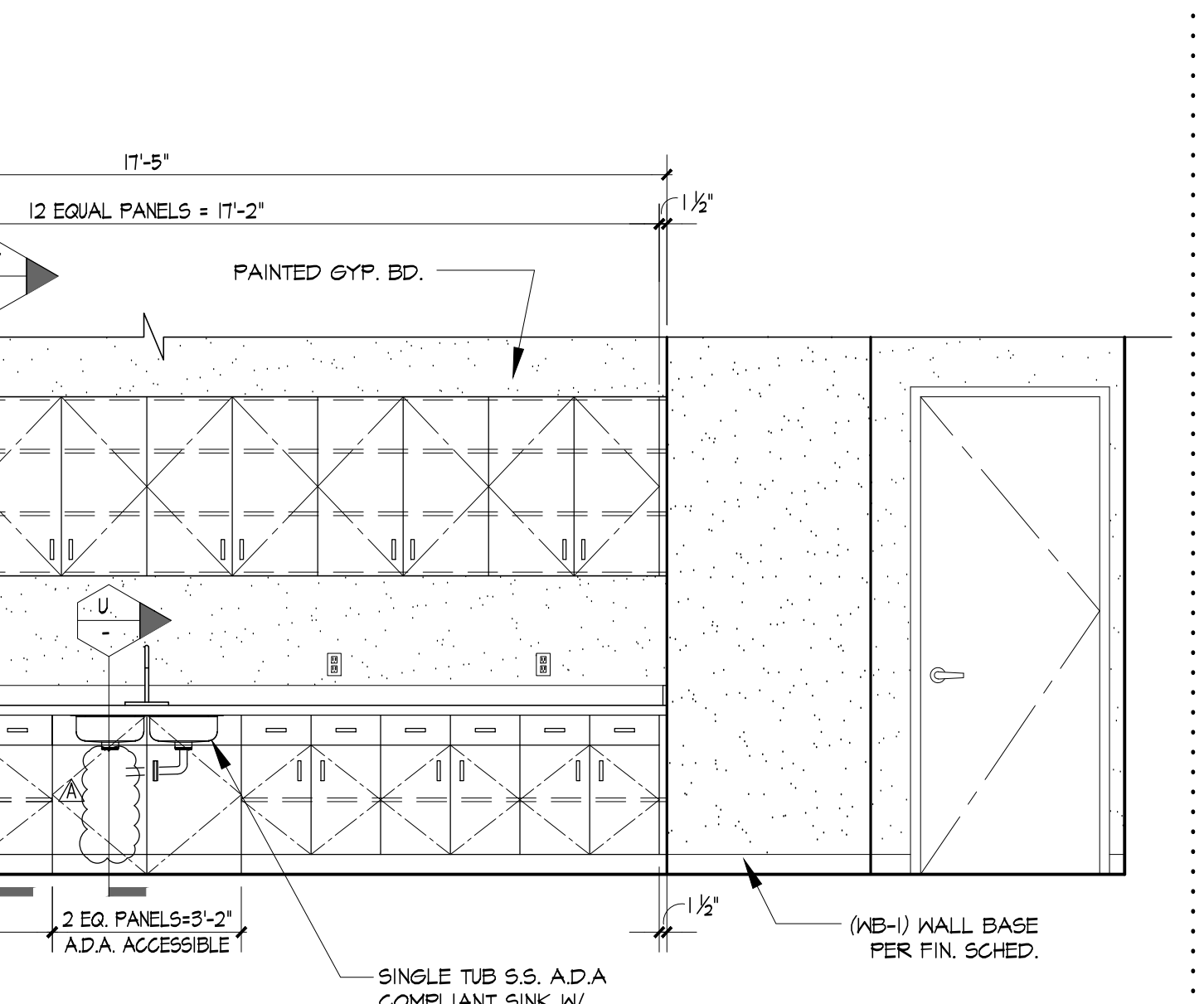
L CABINET ELEVATIONS AT SERVICE NUTRITION SERVICE KITCHEN-235A
SCALE: 3/8"=1'-0"



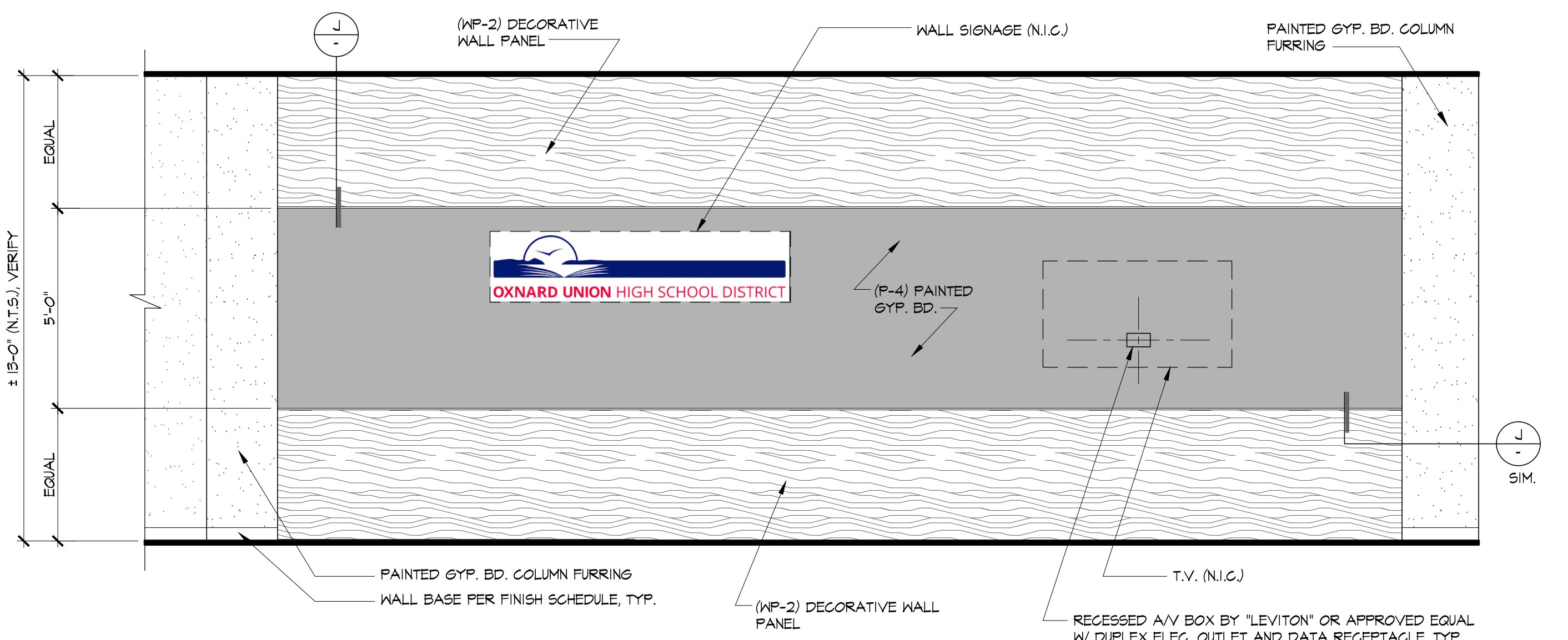
E CABINET ELEVATIONS AT BREAK ROOM/GALLEY -N111
SCALE: 3/8"=1'-0"



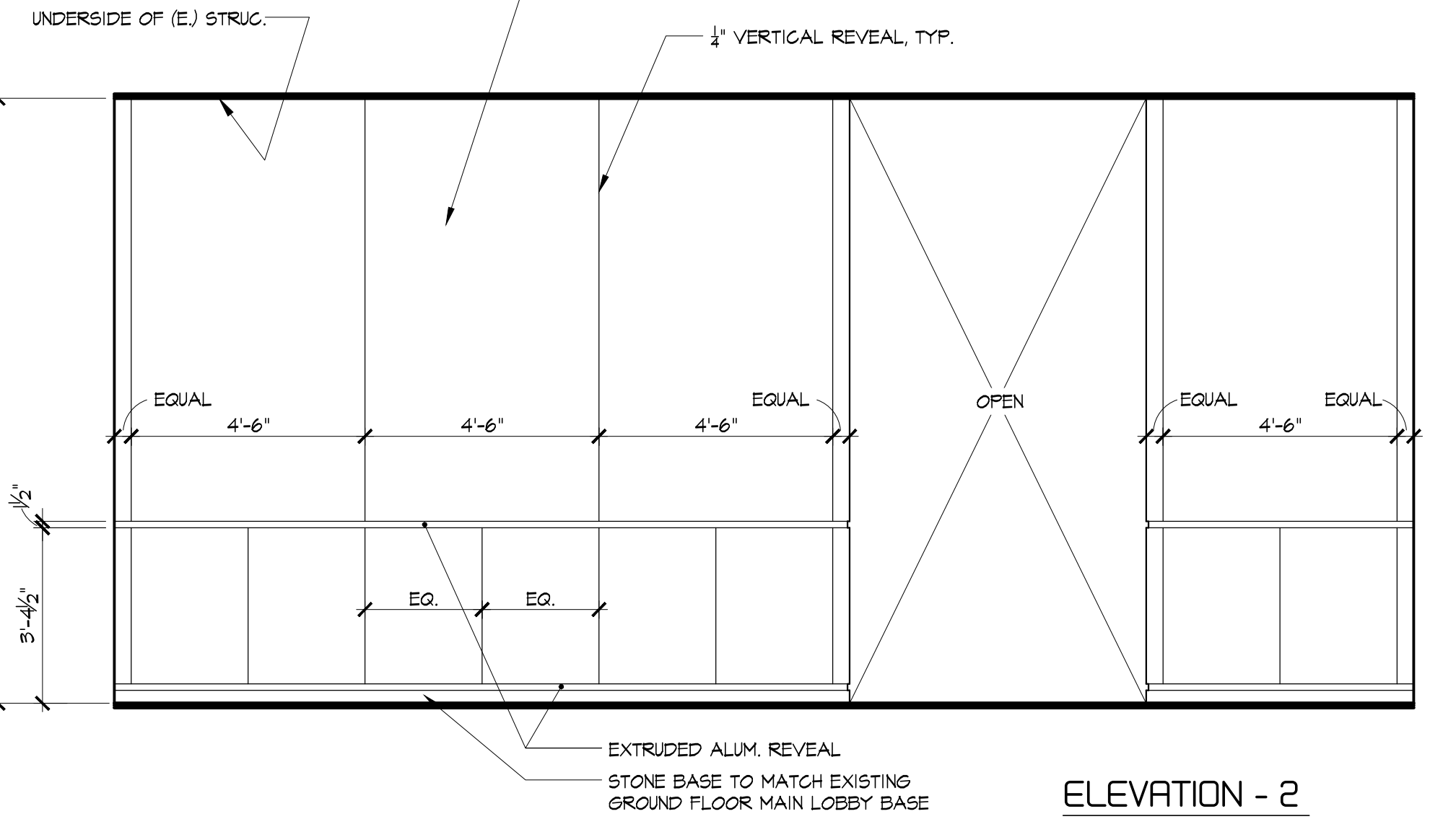
K CABINET ELEVATIONS AT SERVICE NUTRITION SERVICE KITCHEN-235A
SCALE: 3/8"=1'-0"



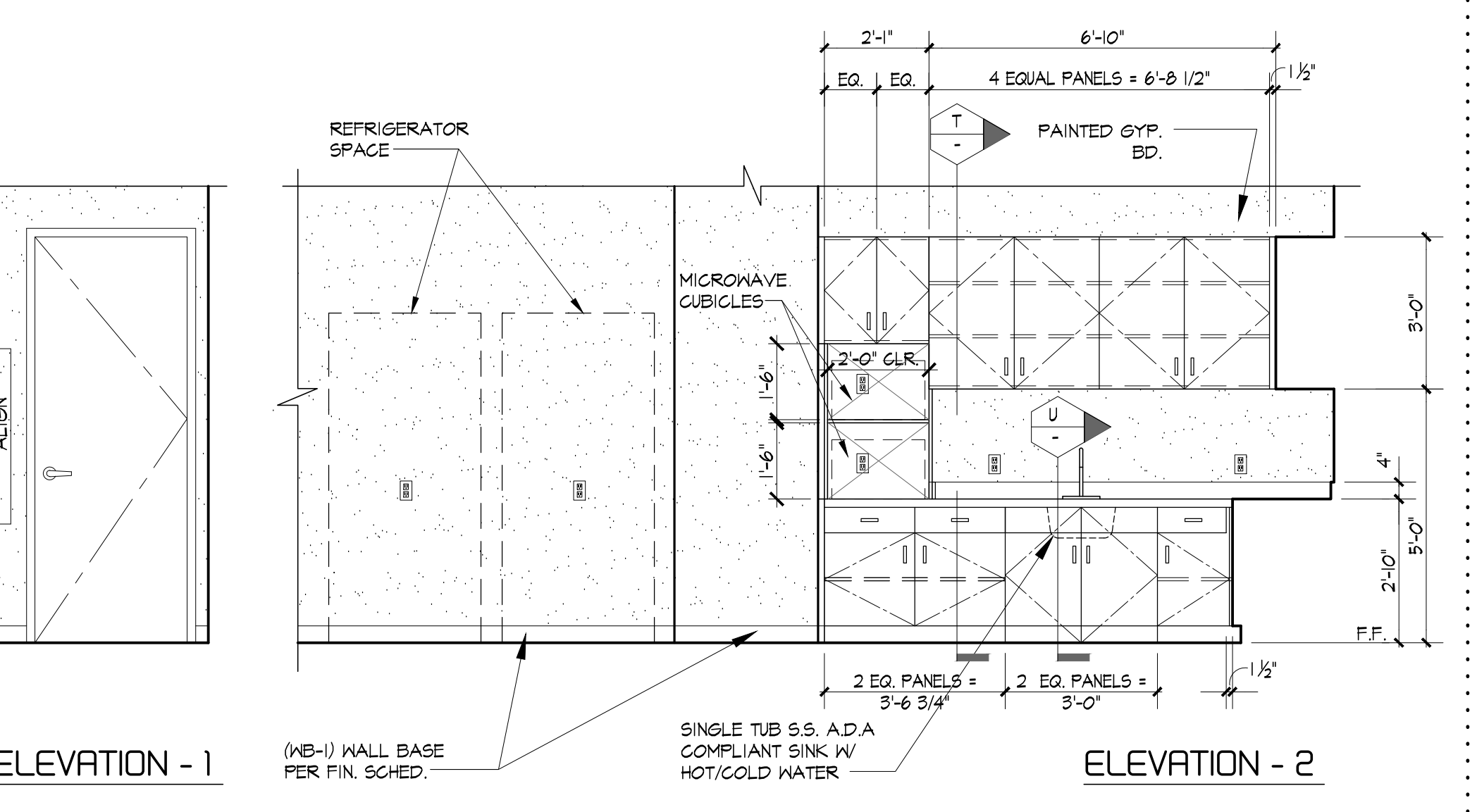
H CABINET ELEVATIONS AT STAFF LOUNGE -N206
SCALE: 3/8"=1'-0"



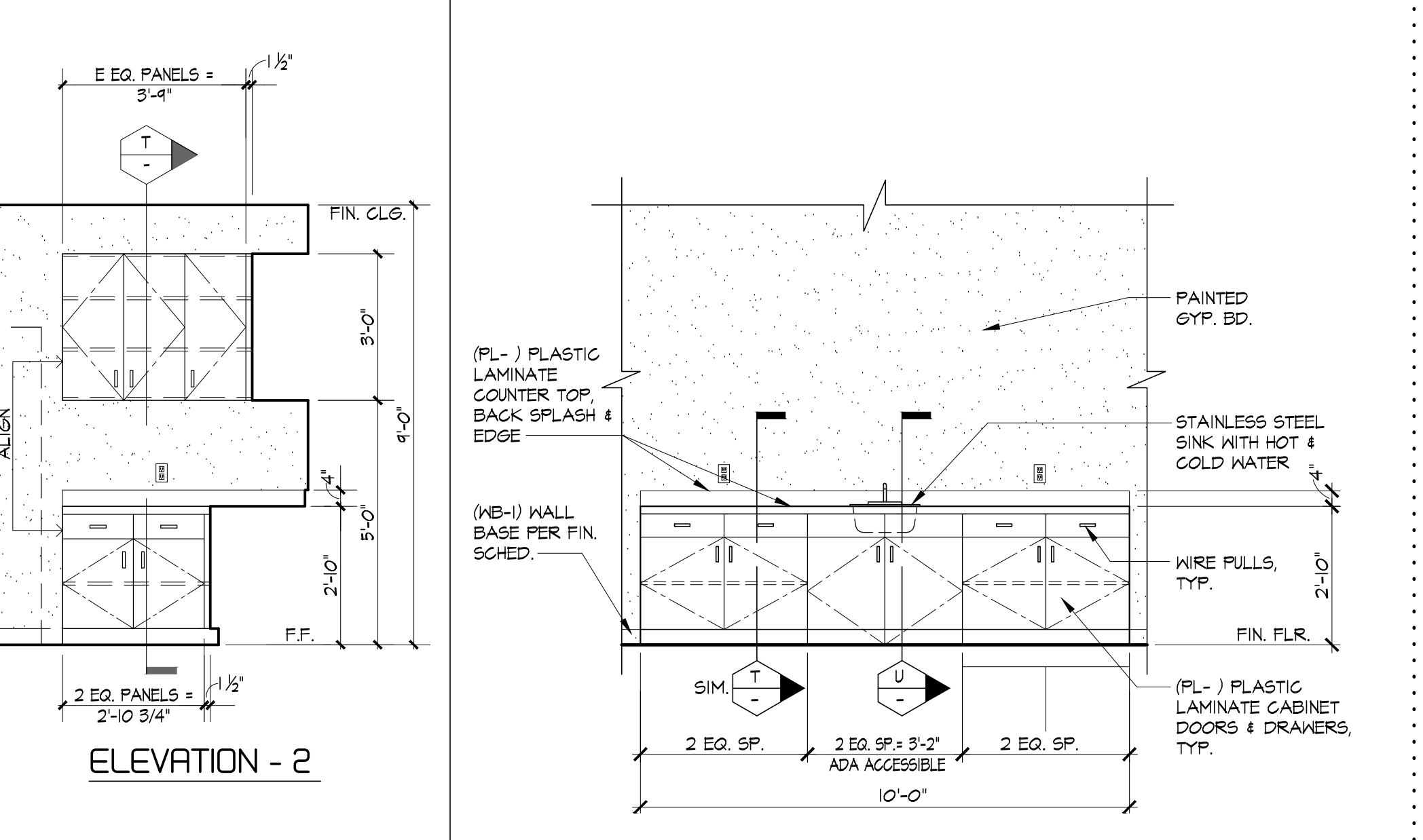
V WALL ELEVATION AT OFFICE WAITING ROOM -N202
SCALE: 3/8"=1'-0"



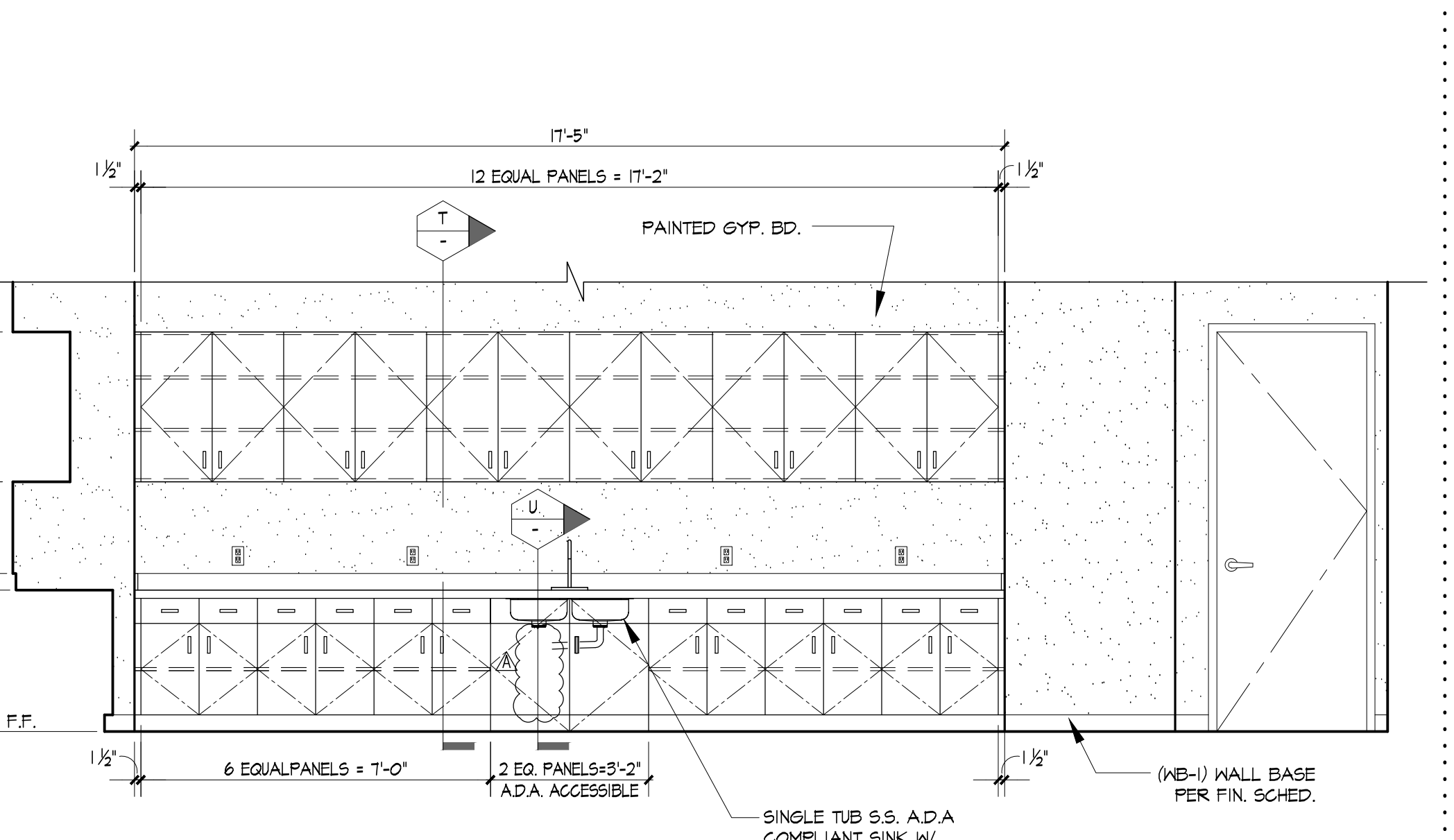
M WALL ELEVATION AT ELEVATOR LOBBY -N201
SCALE: 3/8"=1'-0"



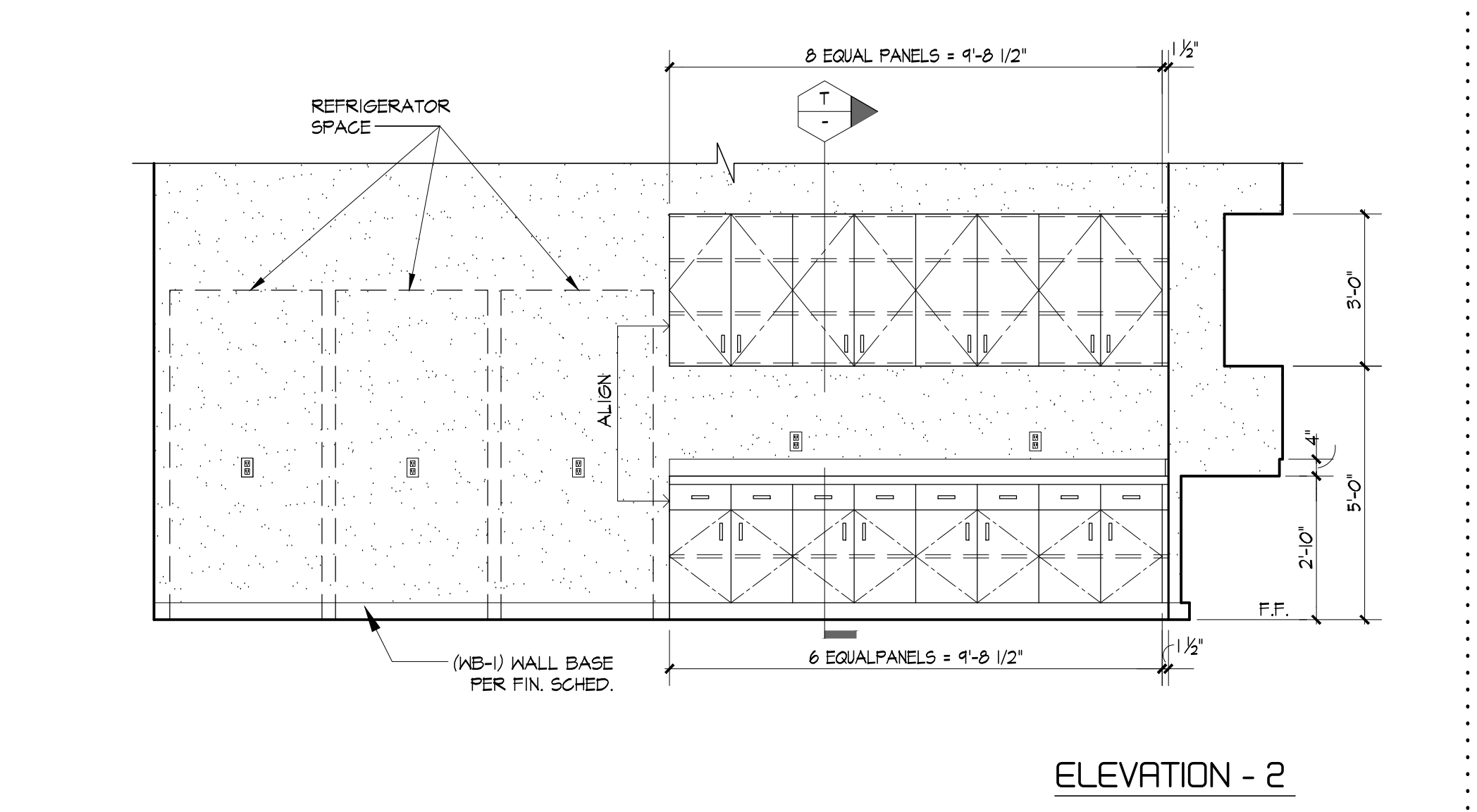
E CABINET ELEVATIONS AT BREAK ROOM/GALLEY -N111
SCALE: 3/8"=1'-0"



K CABINET ELEVATIONS AT SERVICE NUTRITION SERVICE KITCHEN-235A
SCALE: 3/8"=1'-0"



H CABINET ELEVATIONS AT STAFF LOUNGE -N206
SCALE: 3/8"=1'-0"



H CABINET ELEVATIONS AT STAFF LOUNGE -N206
SCALE: 3/8"=1'-0"



5166 Lincoln Drive, Suite 110
 Laguna Hills, California 91753
 v. 818.551.0057 f. 818.551.0019
 www.pkarchitecture.net



1800 N SOLAR DRIVE - 1st & 2nd Floors
 OXNARD, CALIFORNIA

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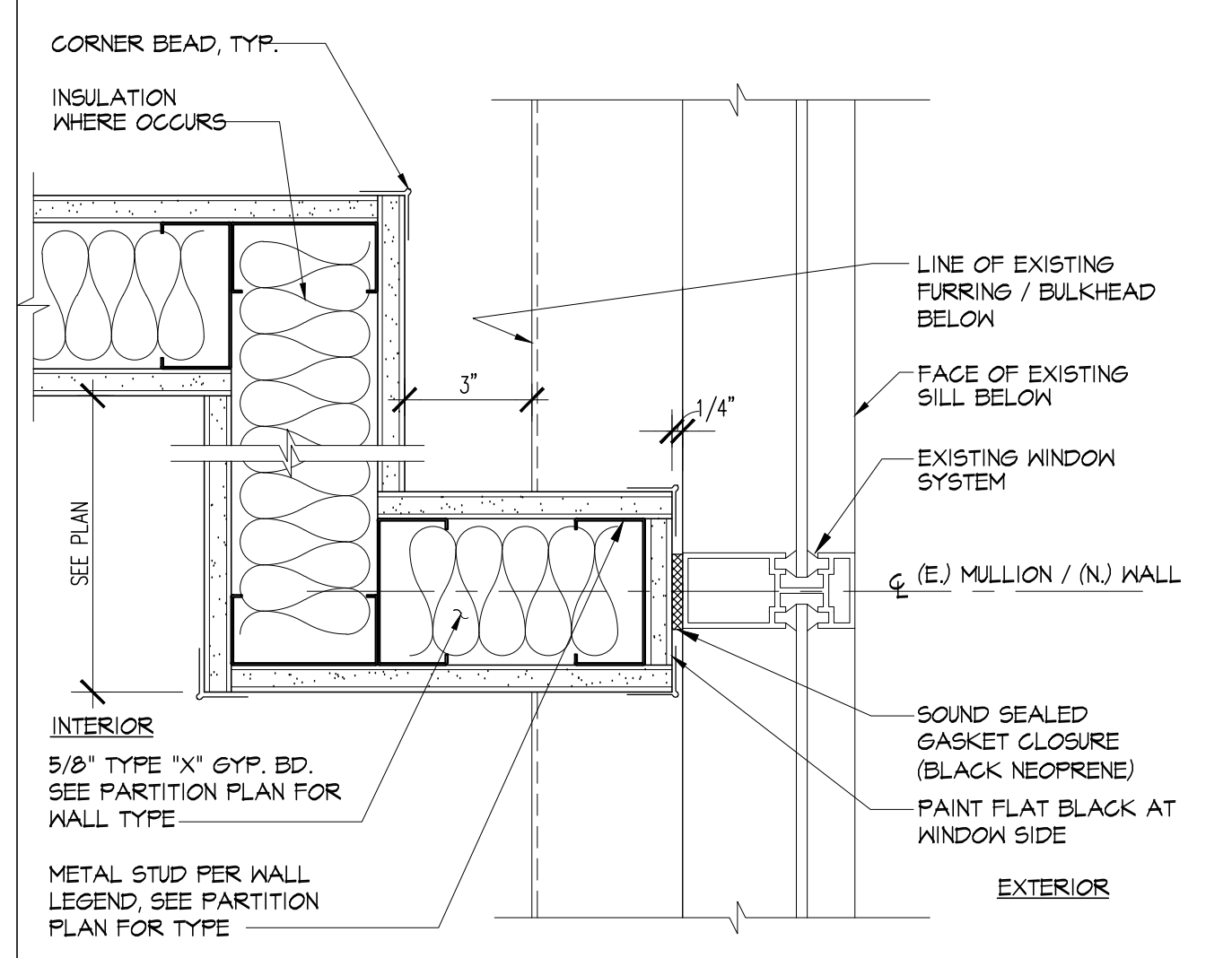
Δ	remarks	date
	PROGRESS SET	10/14/19
	PLAN CHECK SUBMIT.	12/19/19
	BID ISSUE	02/24/20
	ADD-R / PC CORRECTION	

SPAN	HEADER SIZE	ADP	540°	140°	SECTION PROPERTIES
UP TO 6'-0"	DBL 400SC20	792	572	1178	
9'-0"-15'-6"	DBL 800S218	992	1978	8,033	

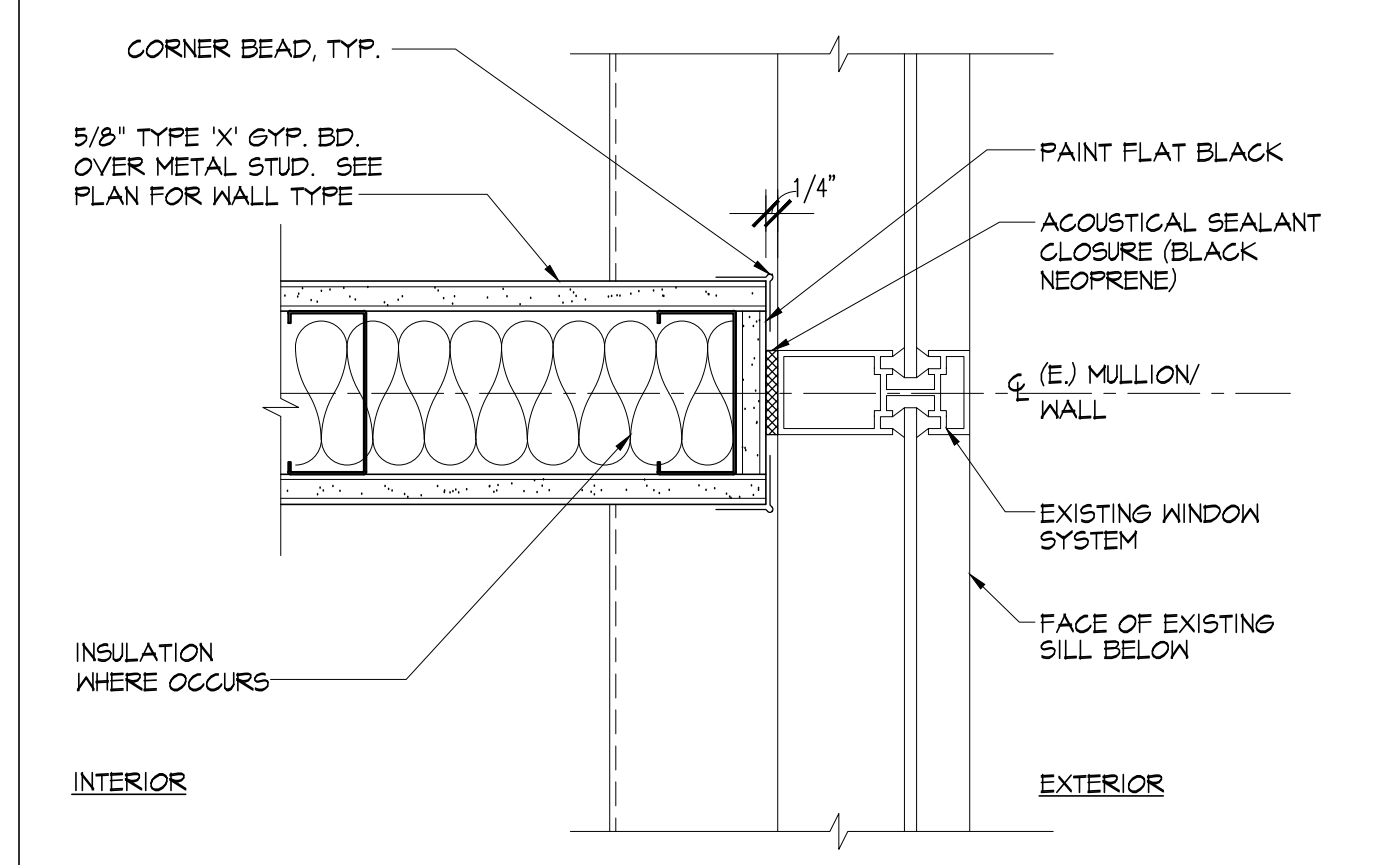
PROVIDE DOUBLE KING STUDS ON EITHER SIDE OF SPAN, TYPICAL.

drawn by
 project no 18-66.60
 date
 scale

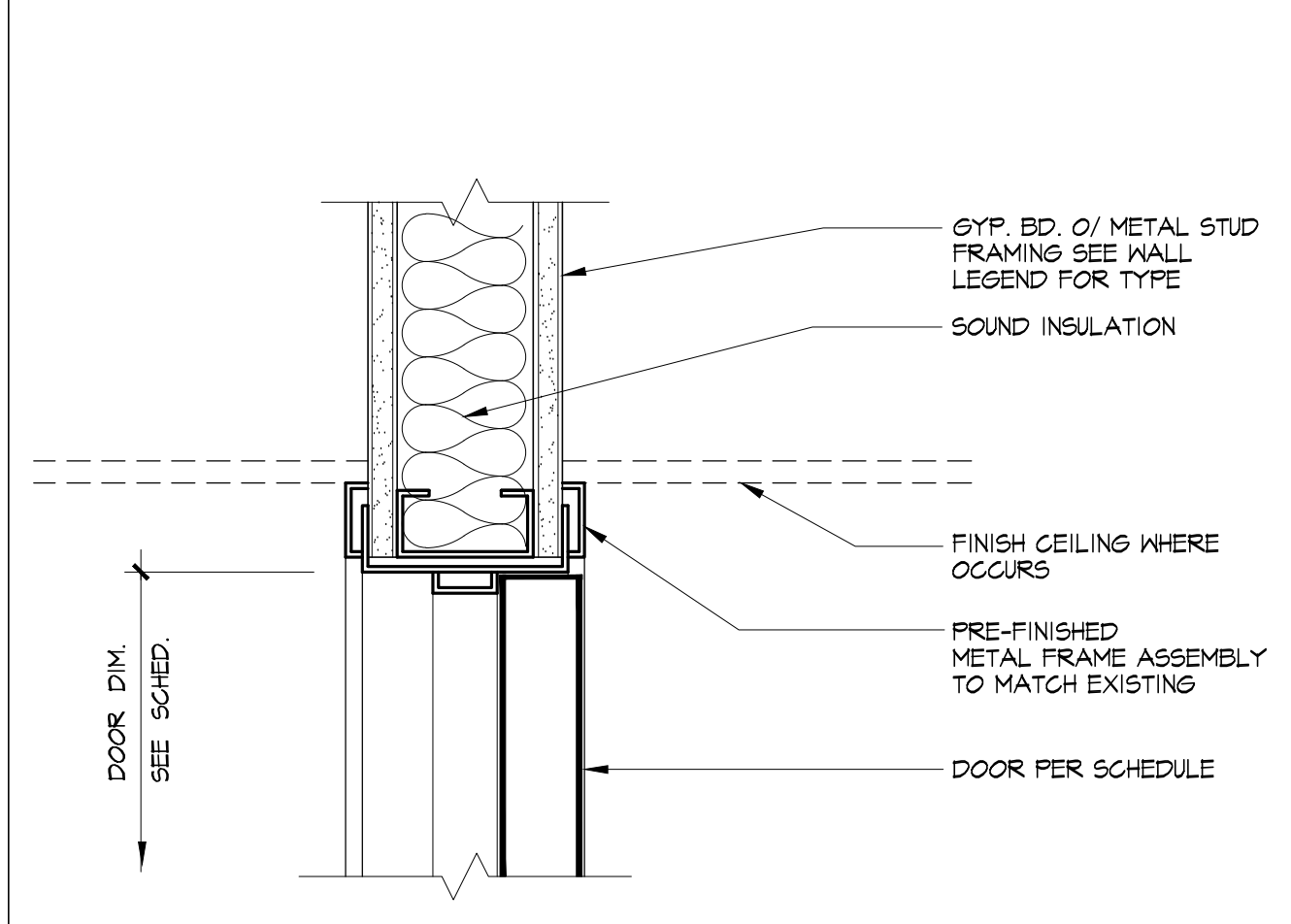
TA6.2



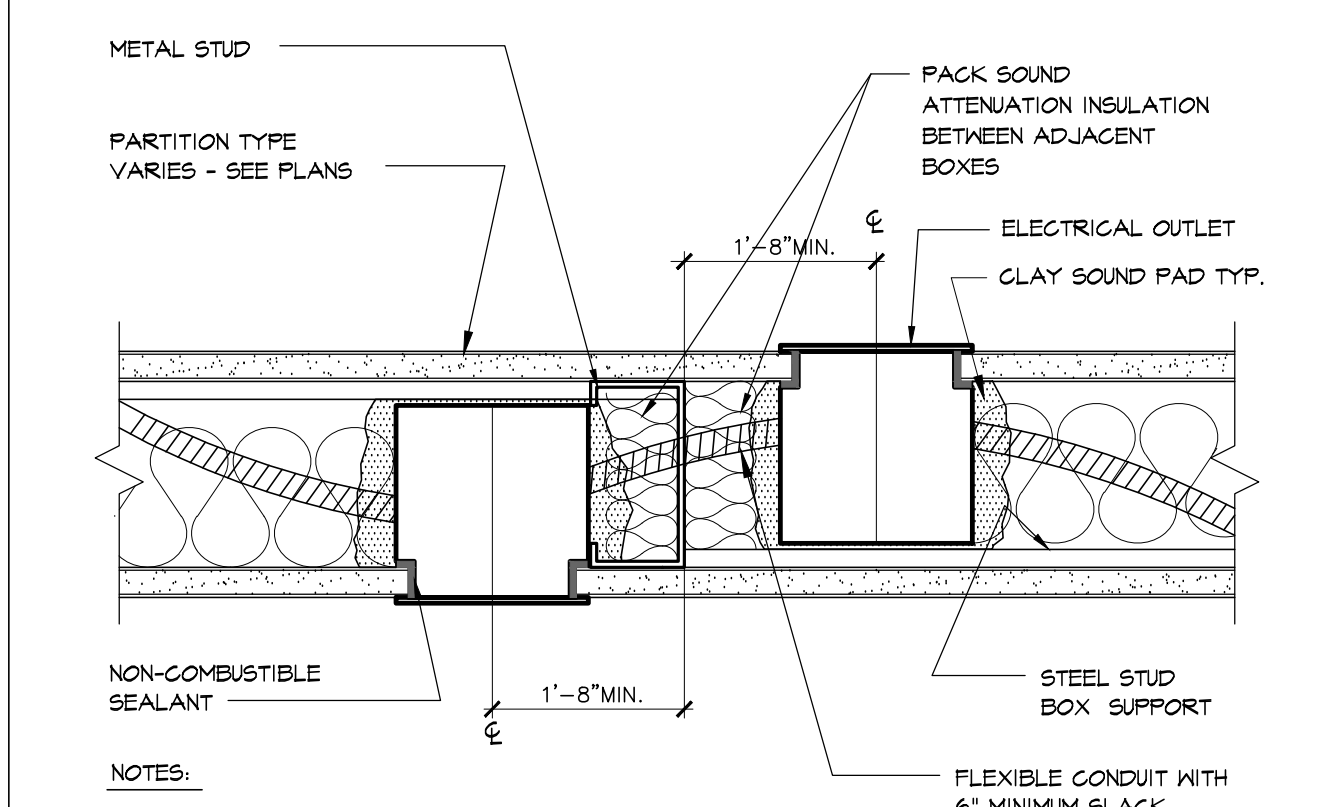
A PARTITION TO (E) EXT. MULLION
3'-1'-0"



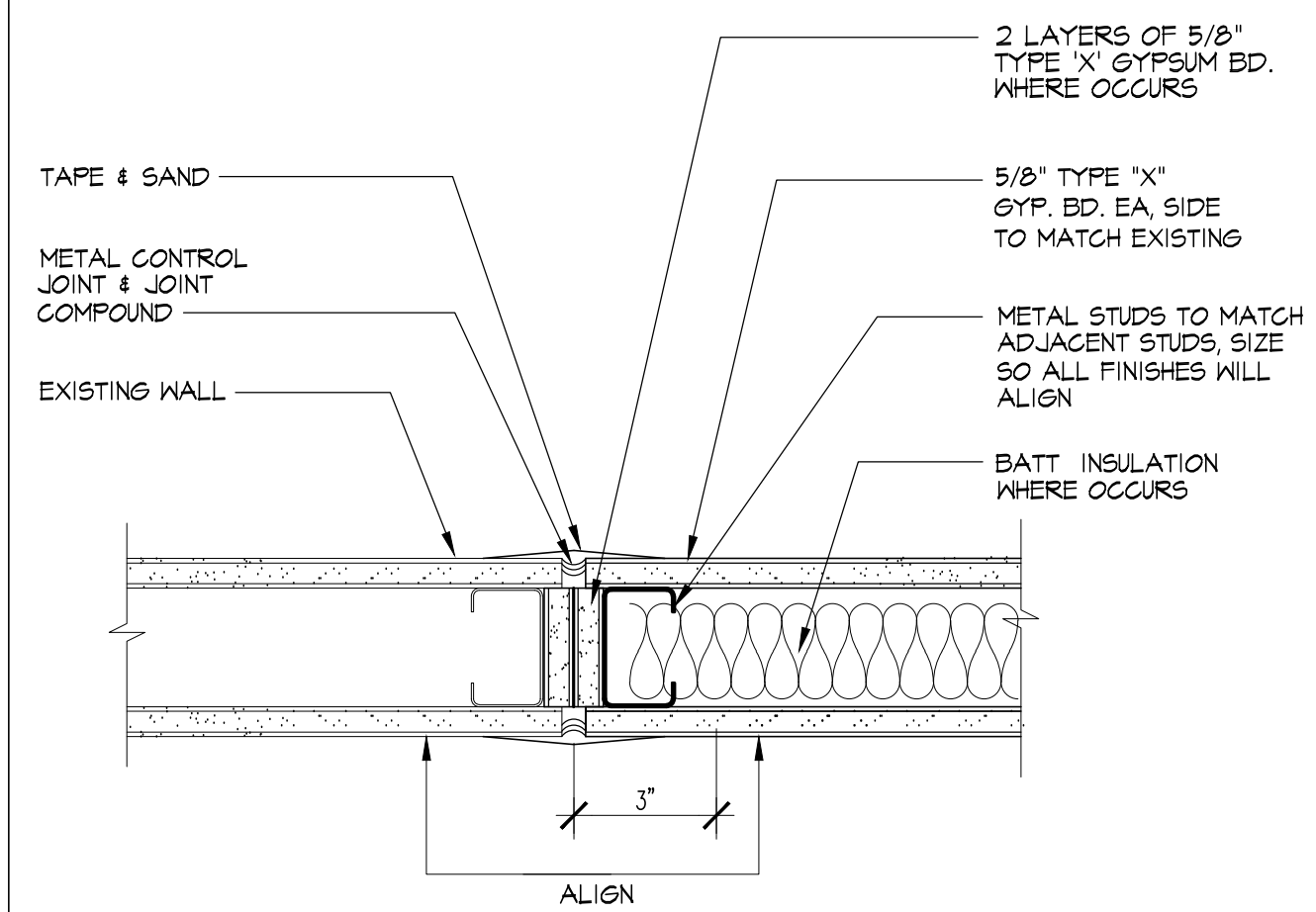
B PARTITION TO (E) EXT. MULLION
3'-1'-0"



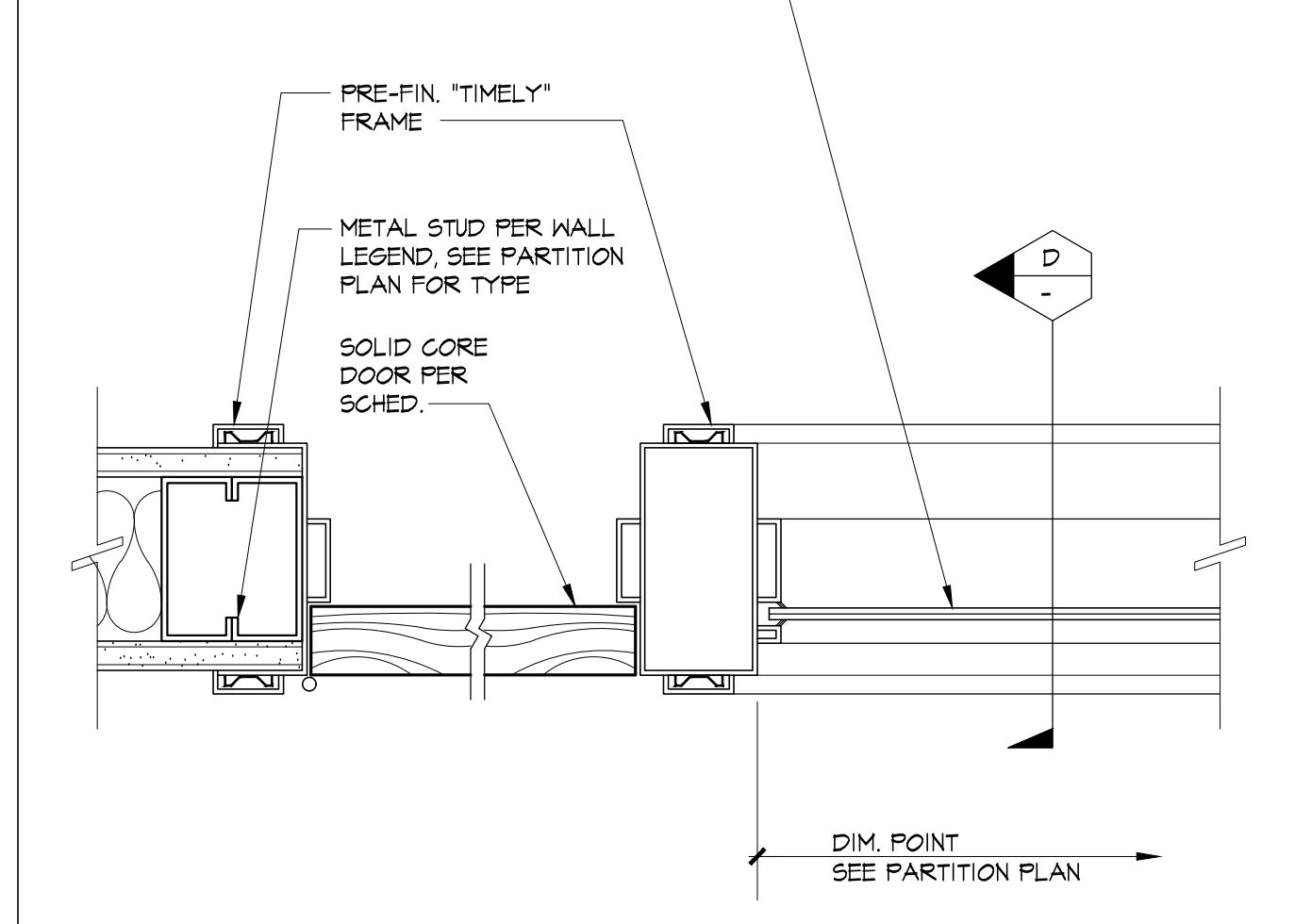
E NON-RATED DOOR HEAD-JAMB SIM. - SECTION
3'-1'-0"



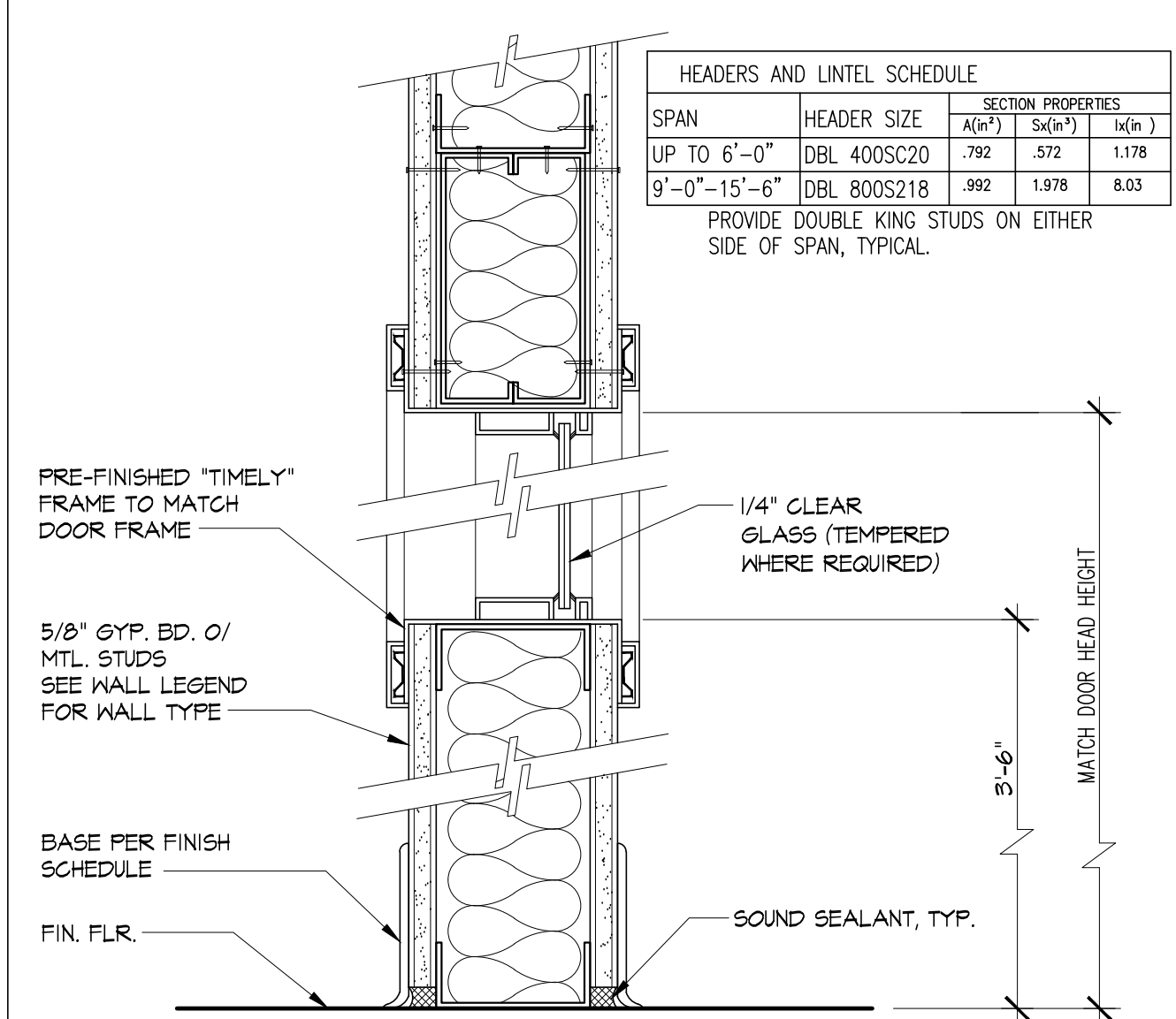
F OUTLET BOXES IN WALL
3'-1'-0"



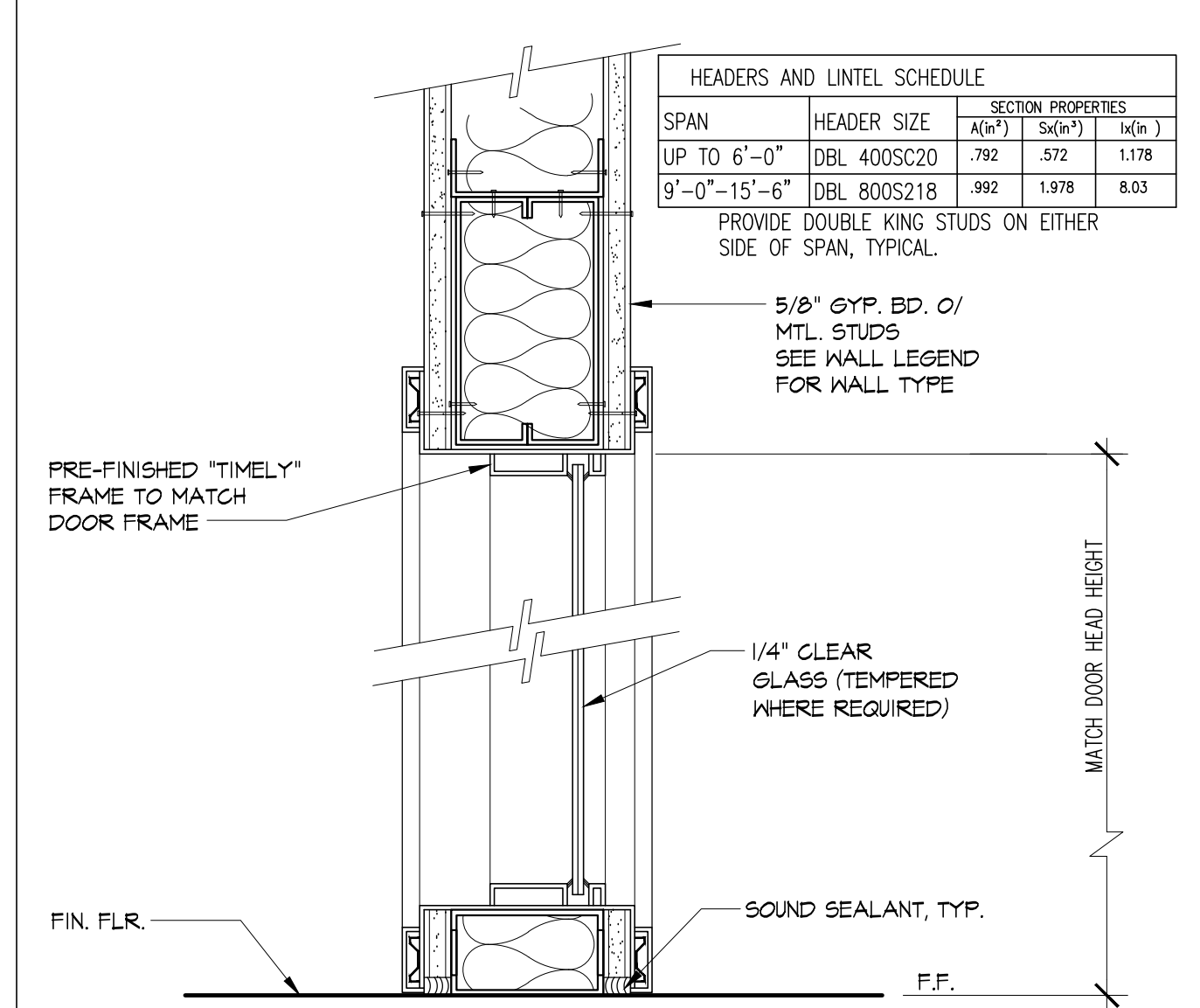
G WALL INFILL - PLAN
3'-1'-0"



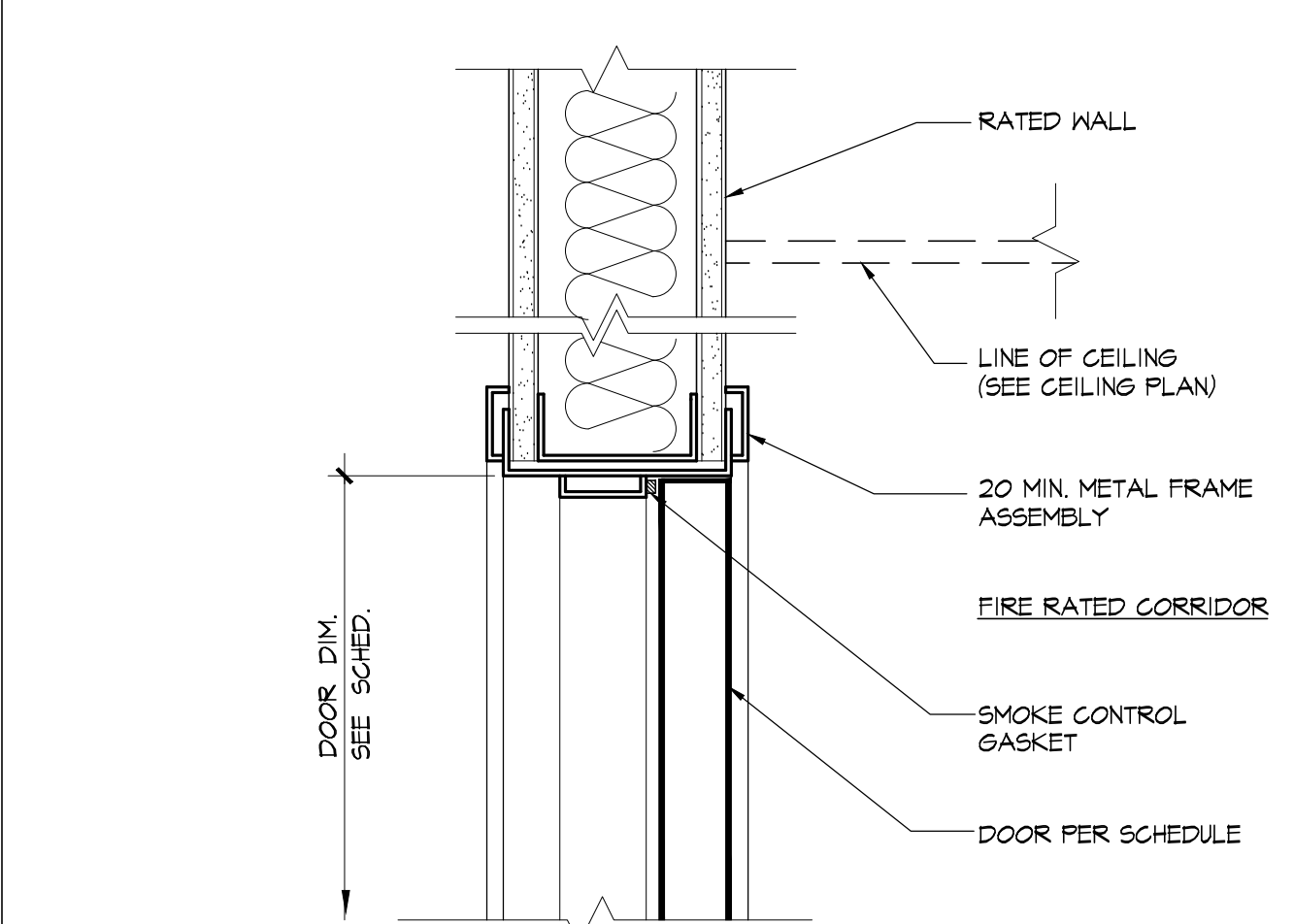
C DOOR WITH SIDELIGHT
3'-1'-0"



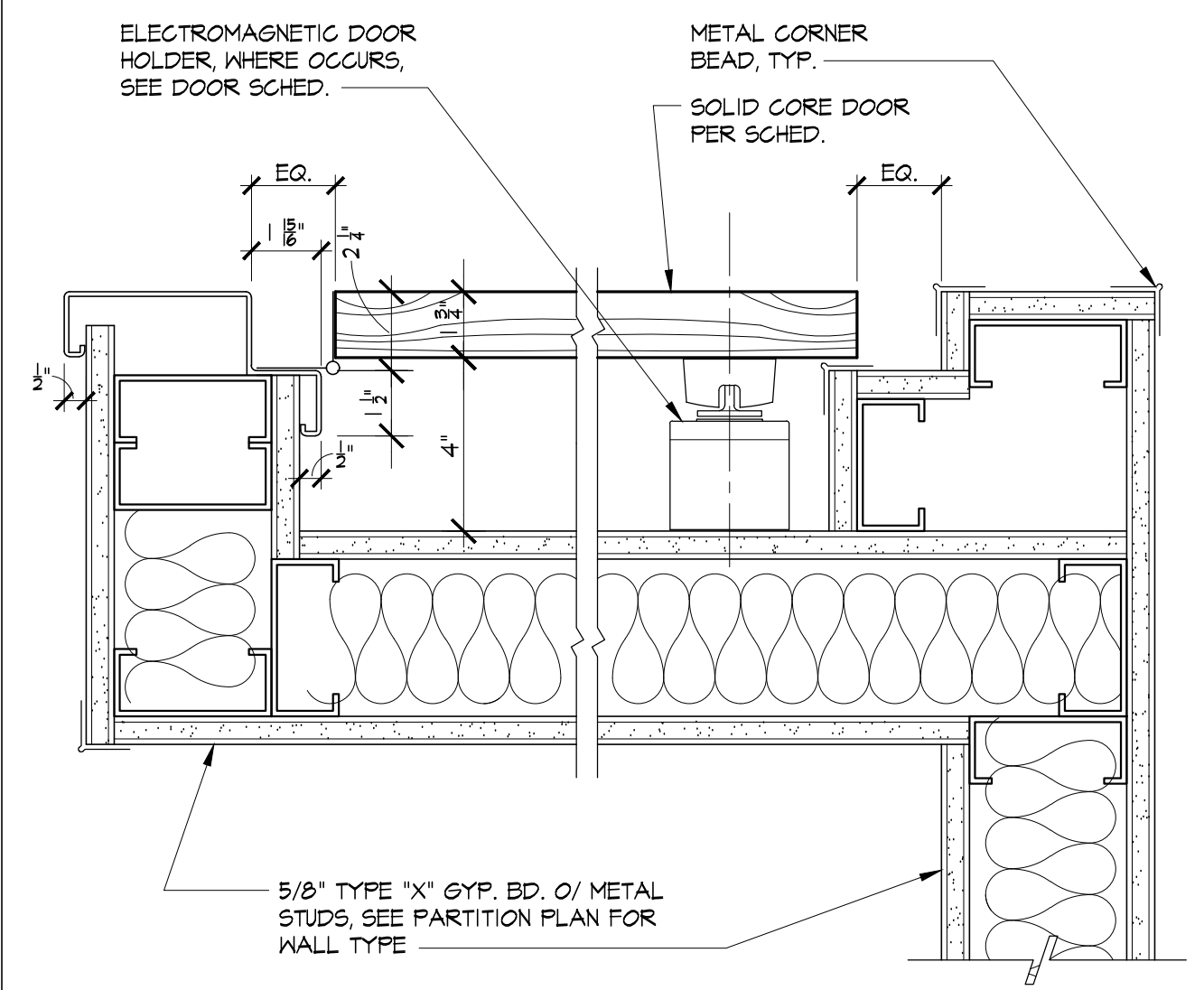
H FIXED WINDOW SECTION
3'-1'-0"



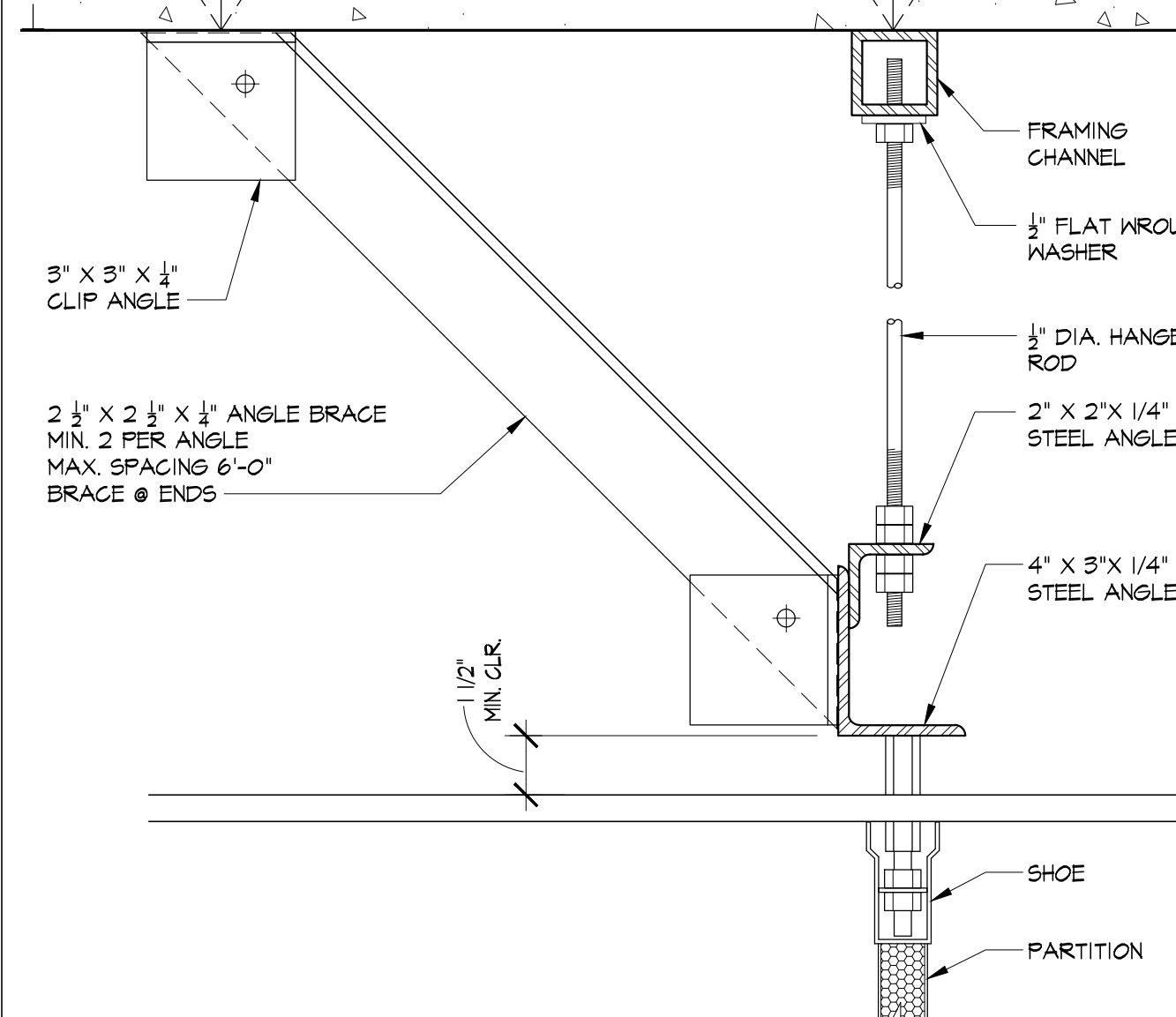
D TYP. OFFICE SIDELIGHT/WINDOW SECT.
3'-1'-0"



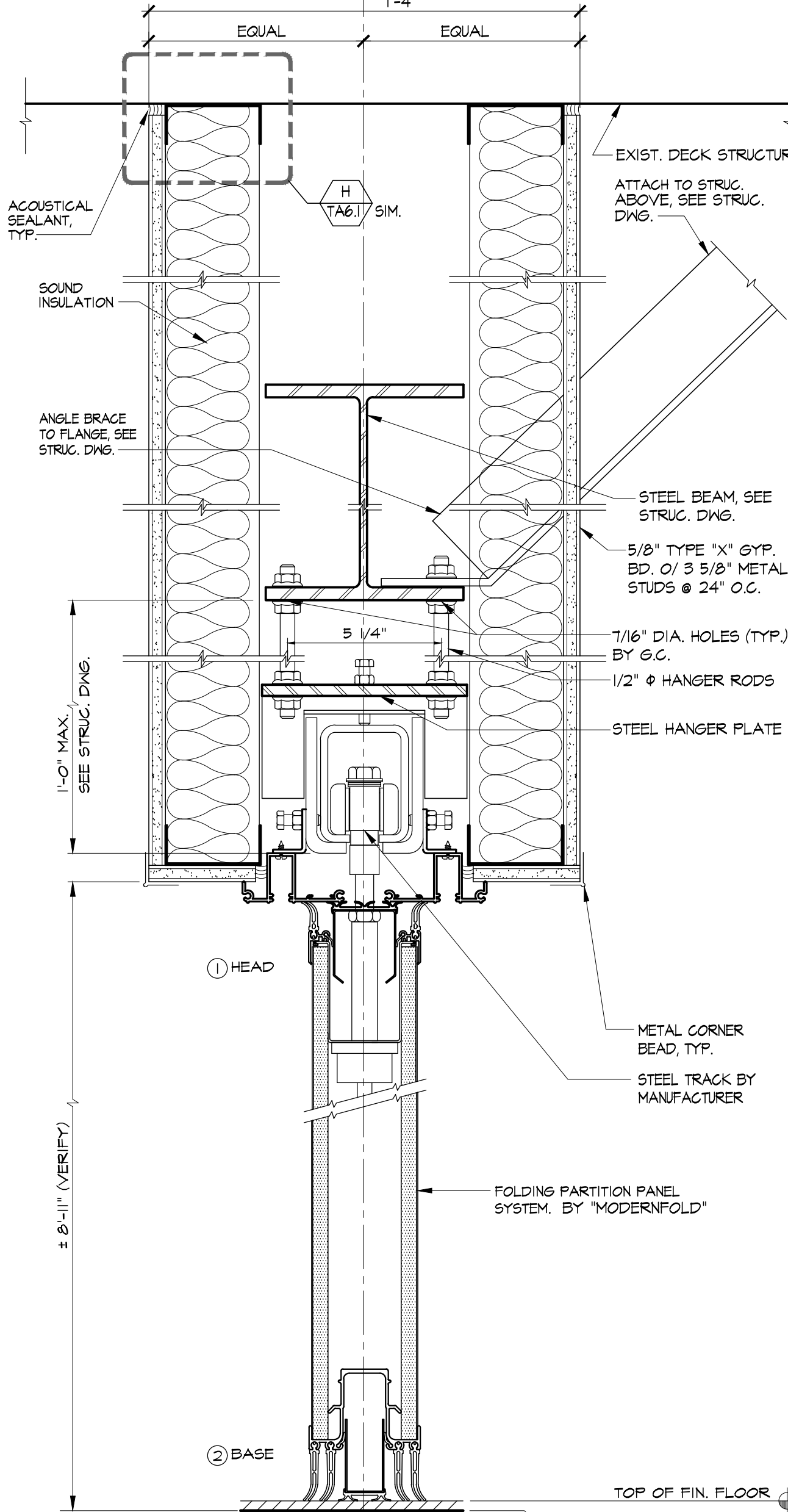
J RATED DOOR HEAD - JAMB SIMILAR - SECTION
3'-1'-0"



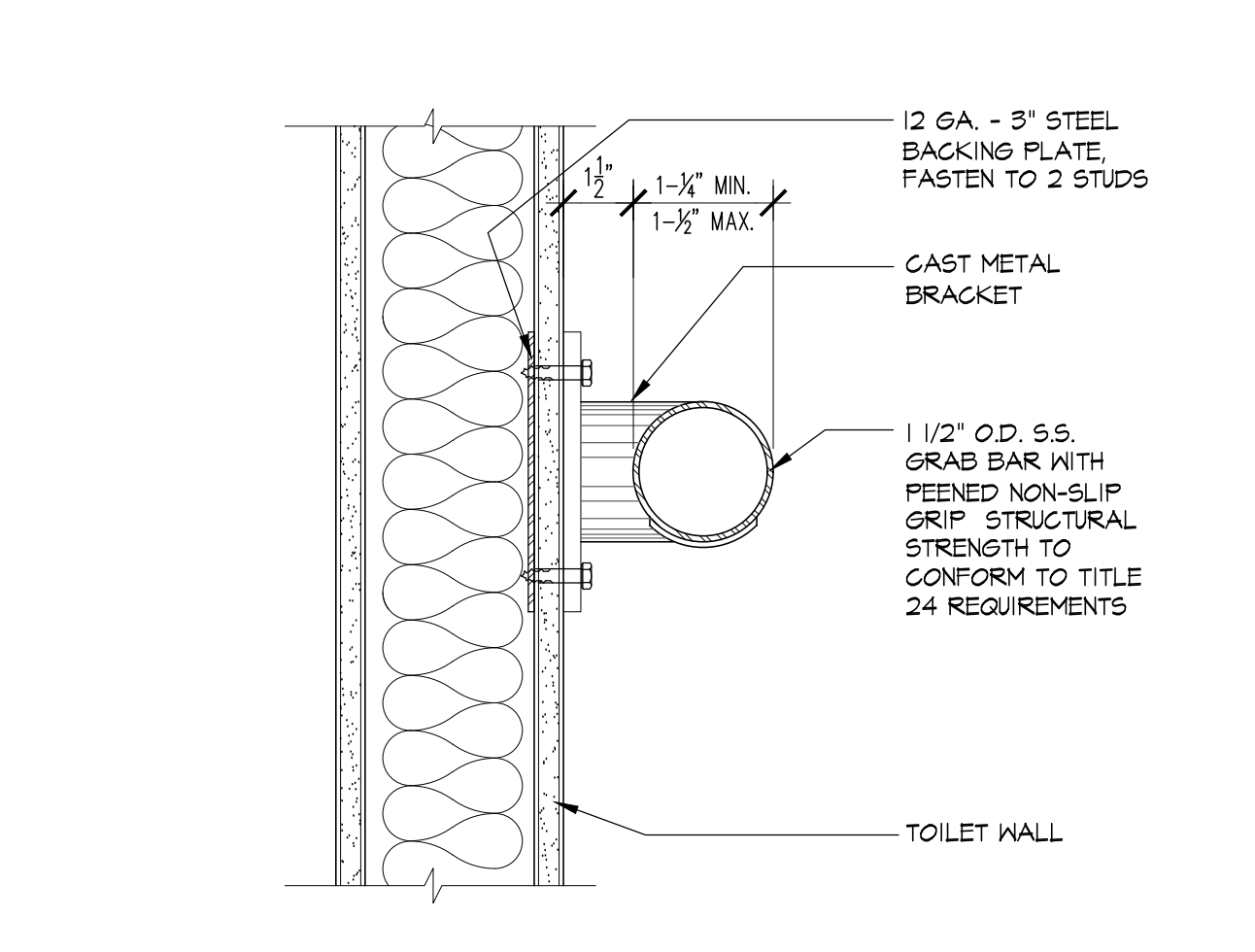
K POCKET DOOR JAMB
3'-1'-0"



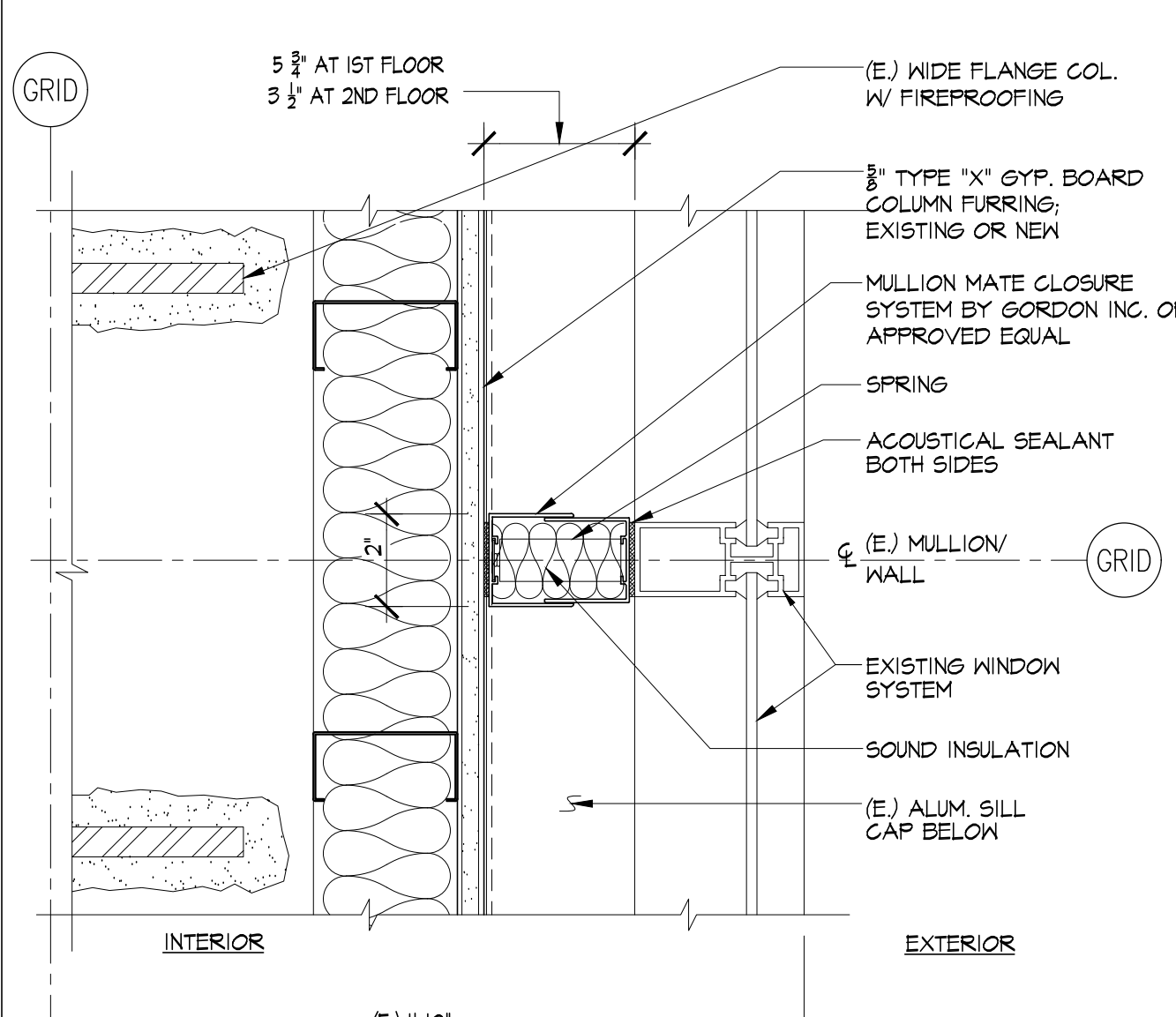
L BRACING @ TOILET PARTITION
3'-1'-0"



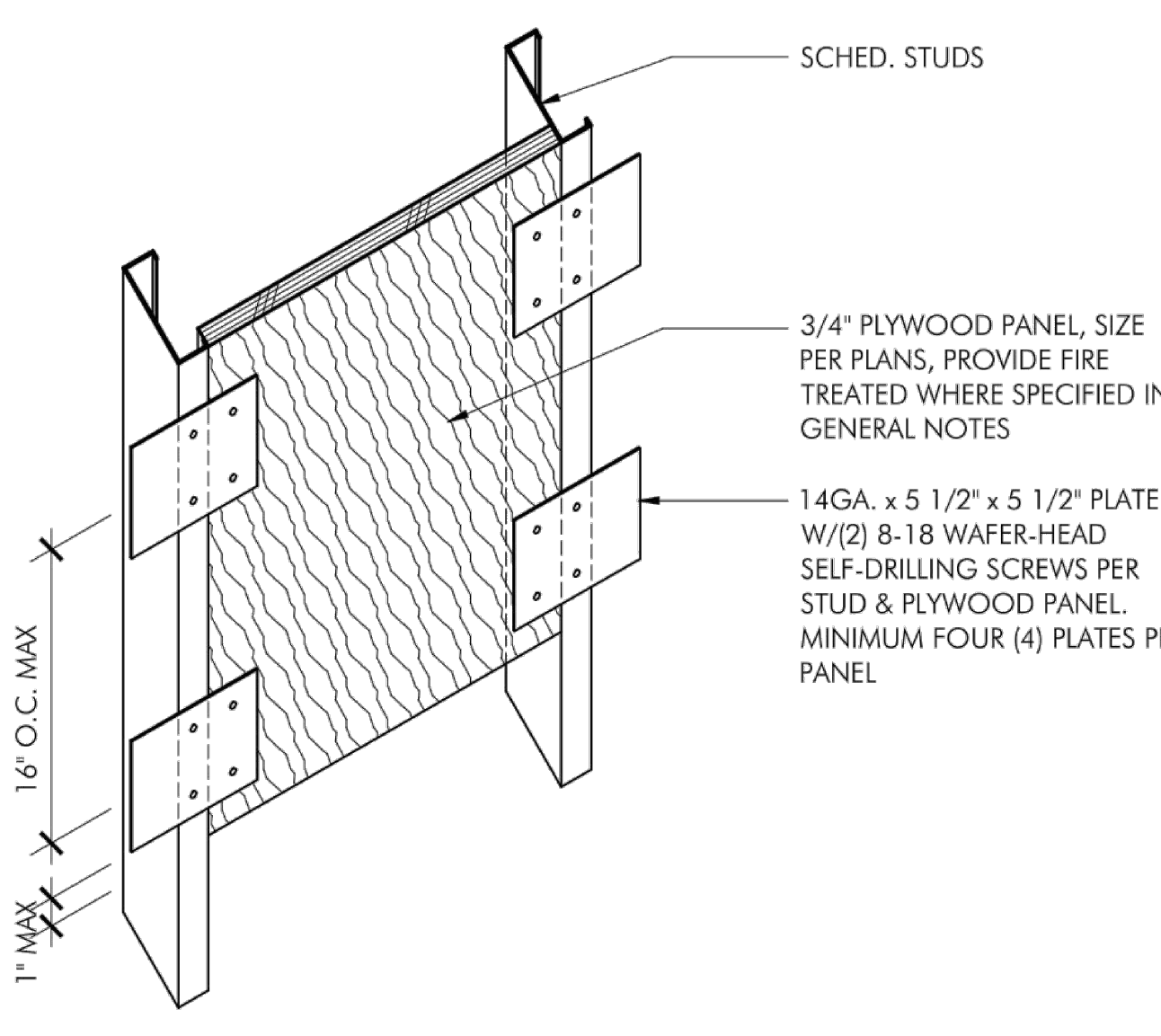
P OPERABLE PARTITION SECTION
3'-1'-0"



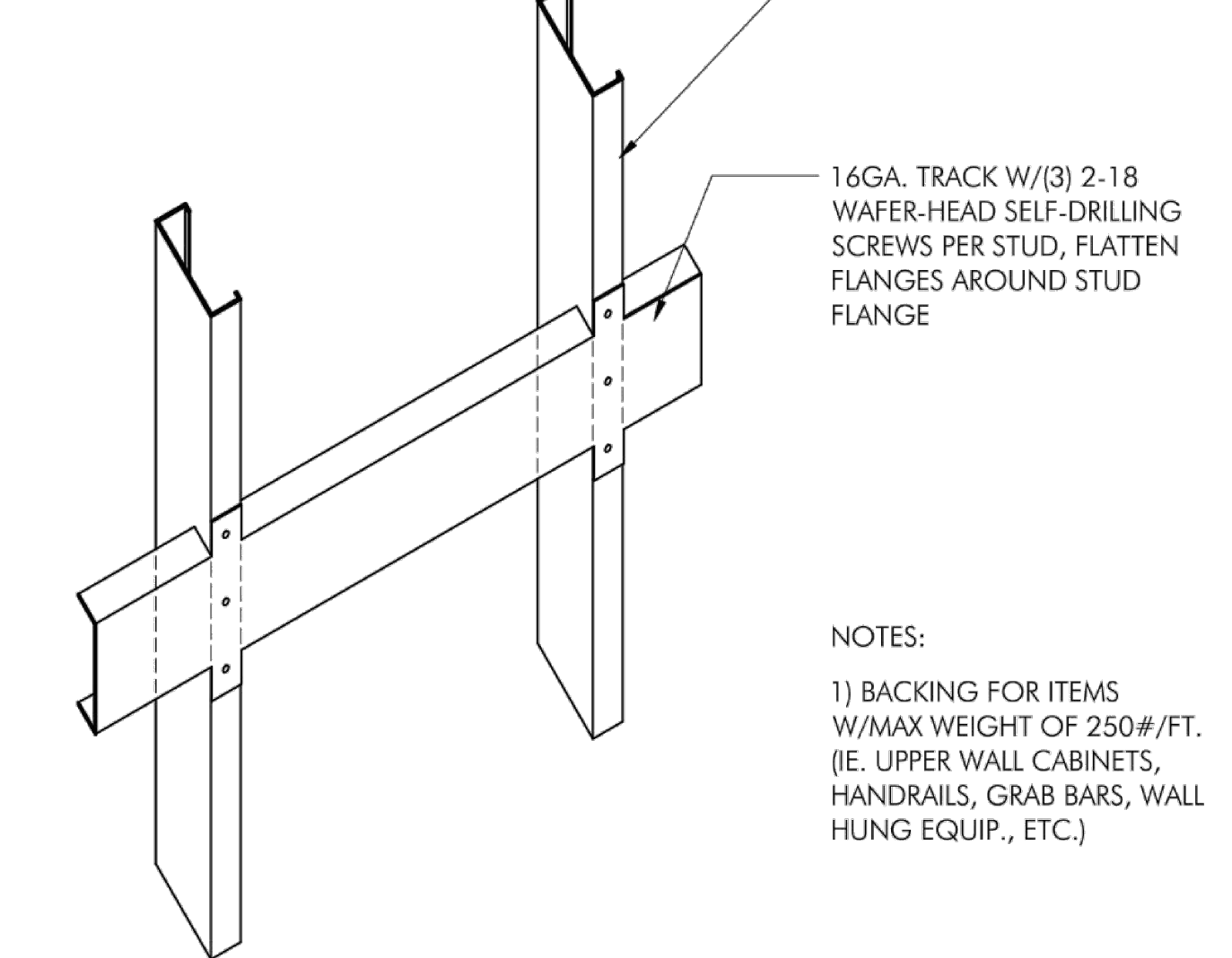
Q GRAB BAR DETAIL - SECTION
3'-1'-0"



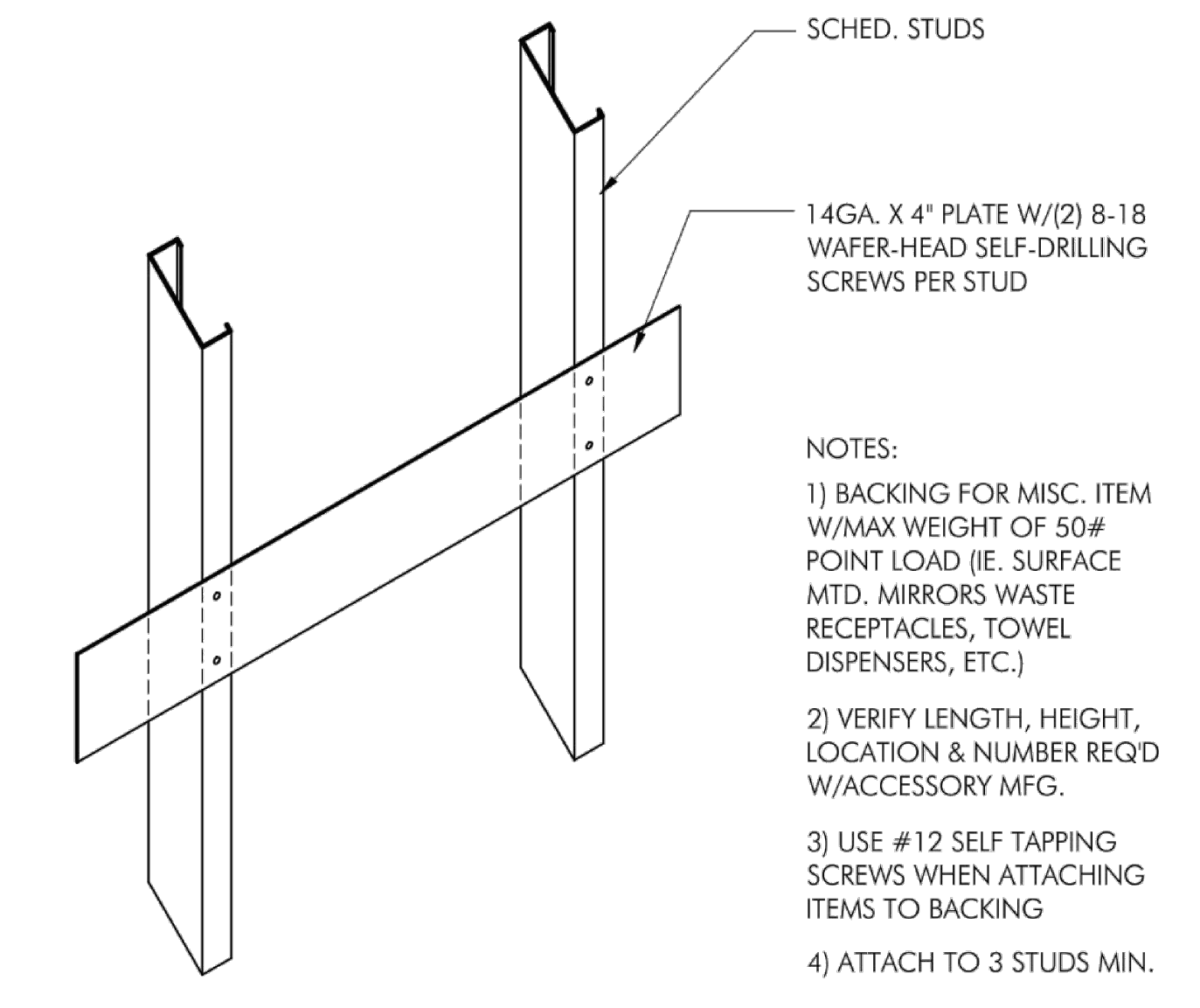
M ALUM. CLOSURE AT (E) EXT. COL. FURRING
3'-1'-0"



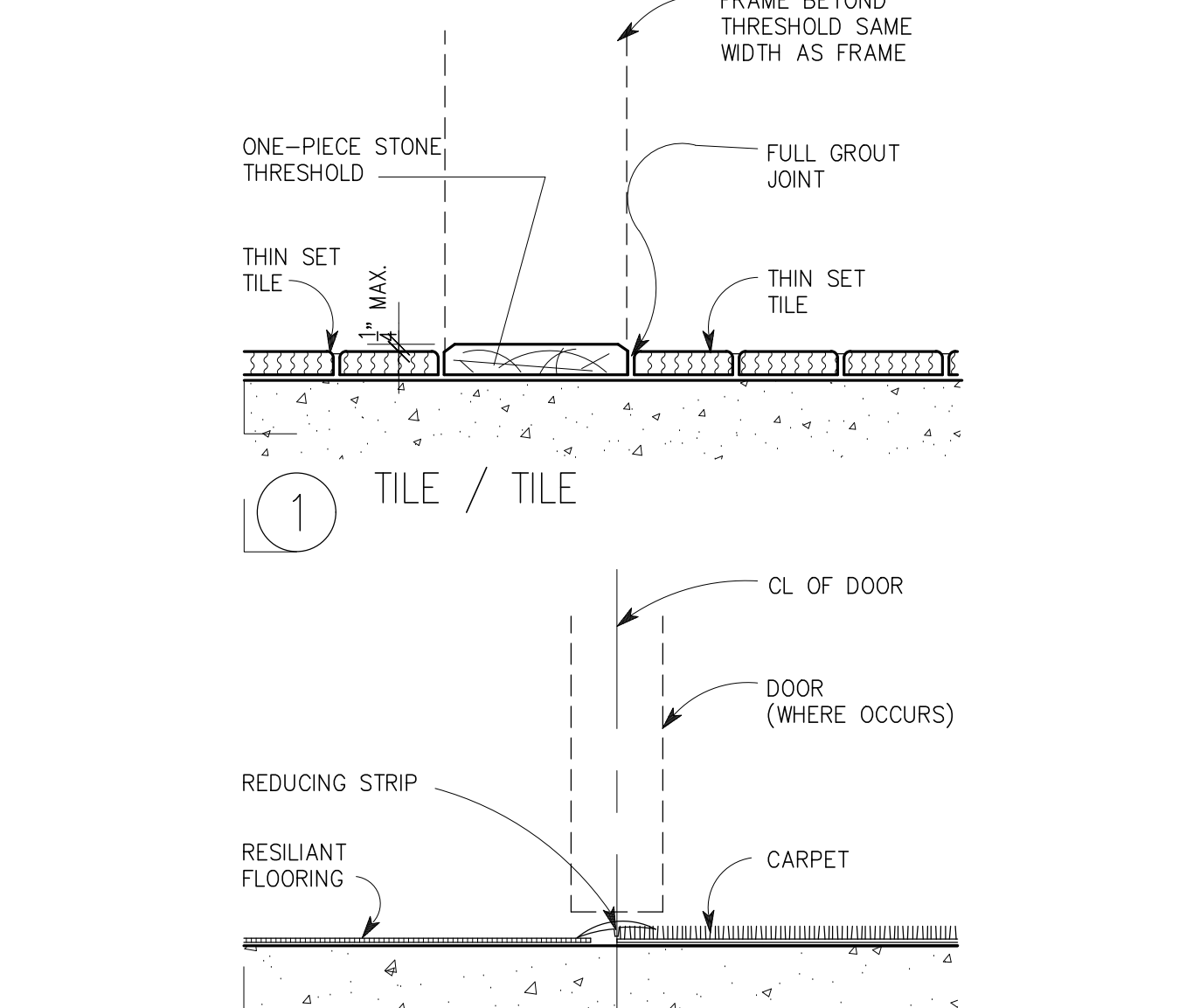
R PLYWOOD WALL BACKING
3'-1'-0"



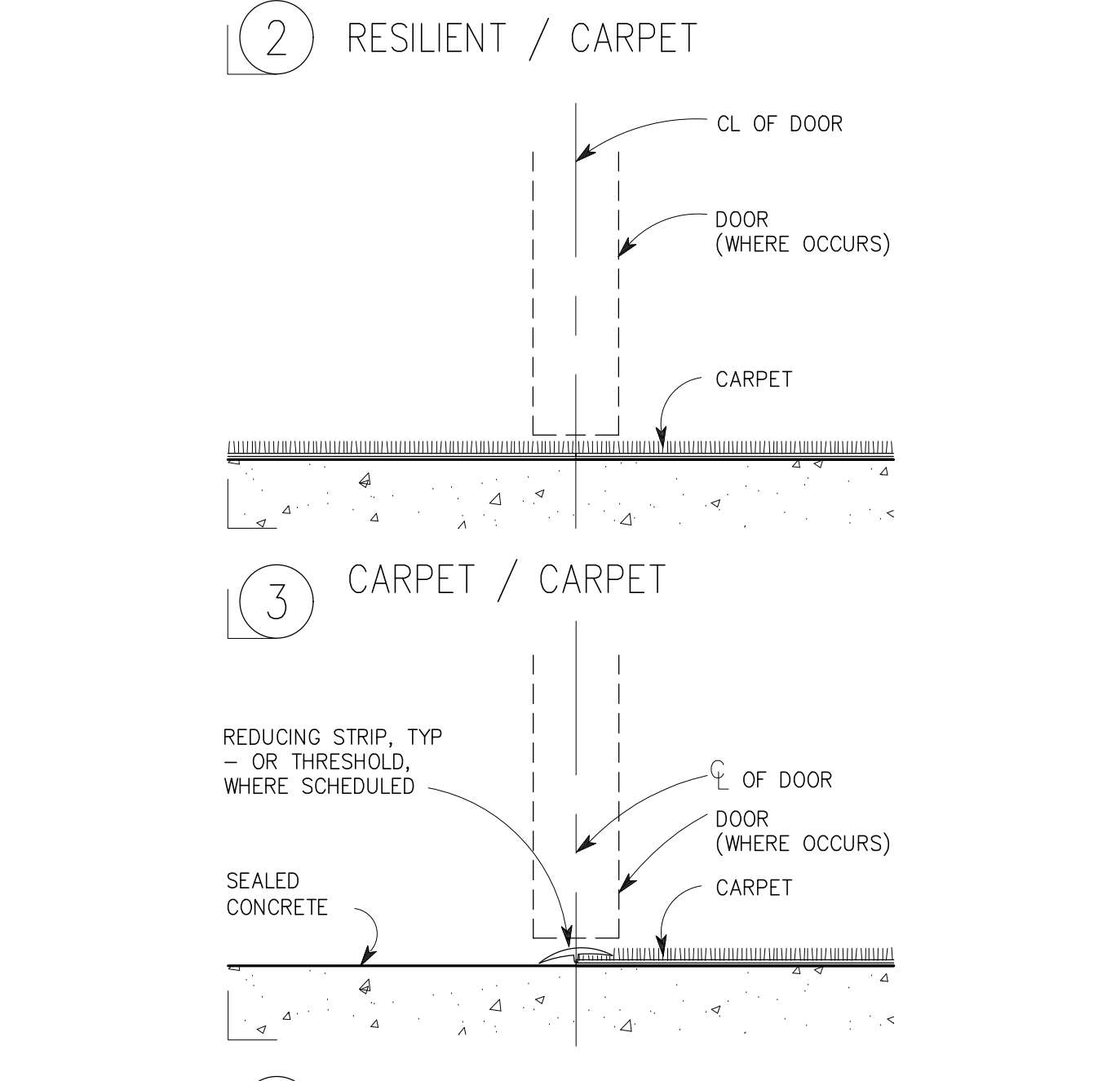
S HEAVY DUTY WALL BACKING
NTS



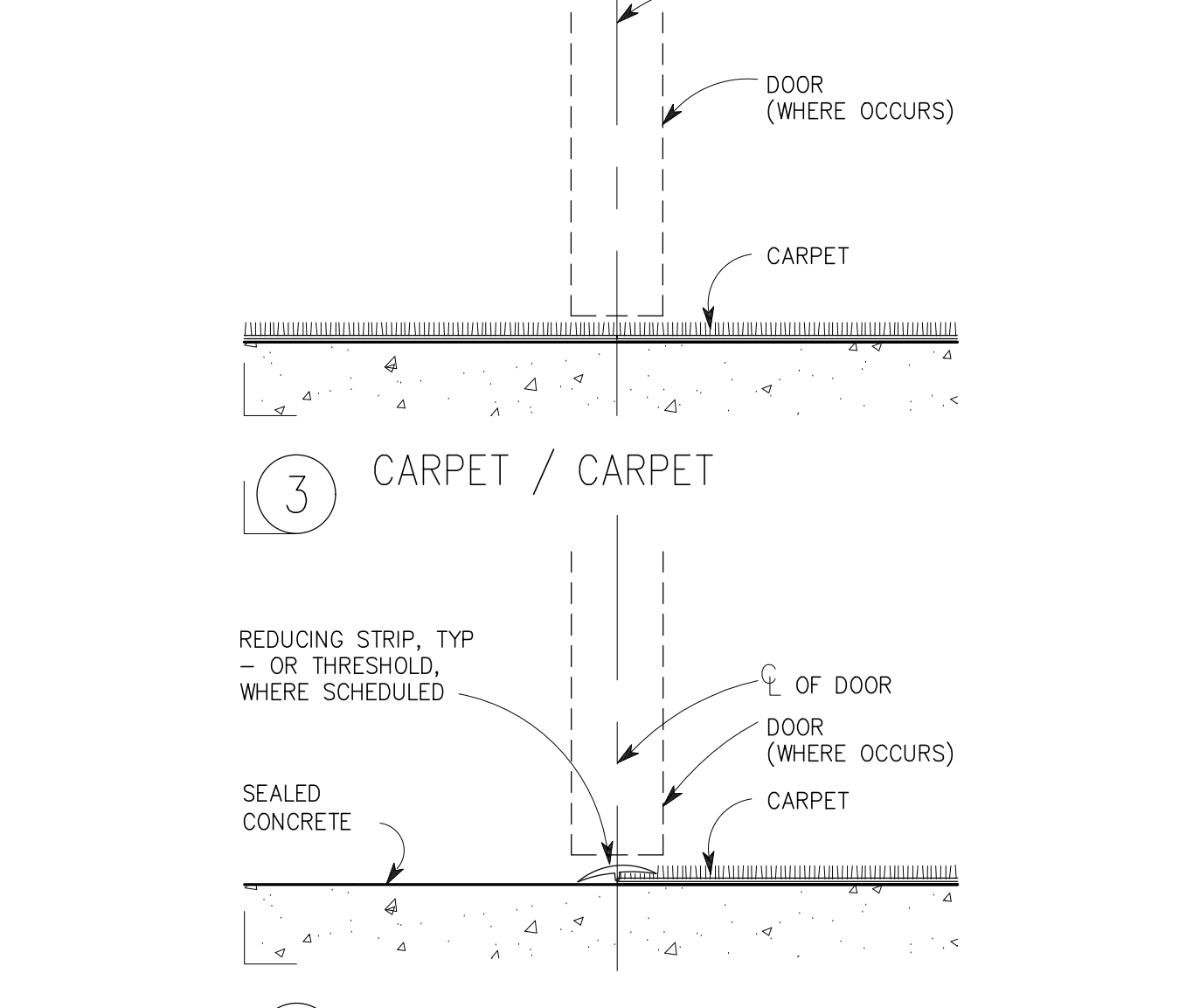
T LIGHT DUTY WALL BACKING
NTS



1 TILE / TILE



2 RESILIENT / CARPET



3 CARPET / CARPET



4 CONCRETE / CARPET

V TYPICAL FLOOR MATERIAL TRANSIT
NTS

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
 (REG-NRCC-MCH-01-E (Revised 01/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Systems
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-01-E
 (Page 1 of 4)

A. MECHANICAL COMPLIANCE DOCUMENTS & WORKSHEETS (check box if worksheet is included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2016 Nonresidential Manual. Note: The Enforcement Agency may require all forms to be incorporated into the building plans.

YES	NO	Comp. Doc./Worksheet #	Title
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-01-E (Part 2 of 3)	Certificate of Compliance, Declaration. Required on plans for all submittals.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-01-E (Part 3 of 3)	Certificate of Compliance, Required Acceptance Tests (MCH-02-A to 11-A). Required on plans for all submittals.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-01-E (Part 3 of 3)	Certificate of Compliance, Required Acceptance Tests (MCH-12-A to 18-A). Required on plans where applicable.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCC-MCH-02-E (Part 1 of 2)	Mechanical Dry Equipment Summary is required for all submittals with Central Air Systems. It is optional on plans.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCC-MCH-02-E (Part 2 of 2)	Mechanical Wet Equipment Summary is required for all submittals with chilled water, hot water or condenser water systems. It is optional on plans.
<input type="checkbox"/>	<input type="checkbox"/>	NRCC-MCH-03-E	Mechanical Ventilation and Reheat is required for all submittals with multiple zone heating and cooling systems. It is optional on plans.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCC-MCH-07-E (Part 1 of 2)	Power Consumption of Fans. Required on plans where applicable.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	NRCC-MCH-07-E (Part 2 of 2)	Power Consumption of Fans, Declaration. Required on plans where applicable.

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
 (REG-NRCC-MCH-01-E (Revised 01/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Systems
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-01-E
 (Page 4 of 4)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Eric Santellan
 Signature Date: 3/30/2020

Company: Kevin A. Smola and Associates
 Address: 16025 Arrow Highway, Ste. C
 Irwindale, CA 91706
 Phone: 626-585-9338

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Kevin A. Smola
 Signature Date: 3/30/2020

Company: Kevin A. Smola and Associates
 Address: 16025 Arrow Hwy Ste C
 Irwindale, CA 91706
 Phone: 626-585-9338

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
 (REG-NRCC-MCH-03-E (Revised 05/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Ventilation & Reheat
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-03-E
 (Page 1 of 2)

A. Mechanical Ventilation and Reheat

ZONE / SYSTEM / VAV BOX TAG	ACTUAL DESIGN WFD (FROM EQUIPMENT SCHEDULES, ETC)										AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheat/Primary Air CFM	VAV Deadband Primary Air CFM		
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
1-15	420	84	0	Y		413	0.15	62	2.1	30.0	62	62	X Pass □ Fail □ N/A	210	210	84	84	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-16	700	140	350	Y		401	0.15	60	2.0	30.0	60	60	X Pass □ Fail □ N/A	350	350	140	140	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-17	650	130	325	Y		434	0.15	65	2.2	30.0	65	65	X Pass □ Fail □ N/A	325	325	130	130	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-18	490	98	0	Y		530	0.15	80	2.7	30.0	80	80	X Pass □ Fail □ N/A	245	245	98	98	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-19	1,235	247	615	Y	86	666	0.50	333	22.2	15.0	333	333	X Pass □ Fail □ N/A	618	618	247	333	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-20	1,300	260	650	Y	32	769	0.38	292	19.2	15.0	288	292	X Pass □ Fail □ N/A	650	650	260	292	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-21	1,100	220	550	Y	58	731	0.38	278	18.3	15.0	274	278	X Pass □ Fail □ N/A	550	550	220	278	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance May 2016

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
 (REG-NRCC-MCH-01-E (Revised 01/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Systems
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-01-E
 (Page 2 of 4)

B. Mechanical HVAC Acceptance Forms (check box for required compliance documents)

Test Performed By:

Designer: This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the number of systems.

Installing Contractor: The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation for which they are responsible.

Enforcement Agency: The contractor who installed the equipment is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked. Inspector - Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operation.

Test Description	MCH-02-A	MCH-03-A	MCH-04-A	MCH-05-A	MCH-06-A	MCH-07-A	MCH-08-A	MCH-09-A	MCH-10-A	MCH-11-A
Equipment Requiring Testing or Verification										
FUJITSU ASUZ 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
 (REG-NRCC-MCH-03-E (Revised 05/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Ventilation & Reheat
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-03-E
 (Page 1 of 2)

A. Mechanical Ventilation and Reheat

ZONE / SYSTEM / VAV BOX TAG	ACTUAL DESIGN WFD (FROM EQUIPMENT SCHEDULES, ETC)										AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheat/Primary Air CFM	VAV Deadband Primary Air CFM		
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
1-1	500	100	250	Y		421	0.15	63	2.1	30.0	63	63	X Pass □ Fail □ N/A	250	250	100	100	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-2	660	132	330	Y		530	0.15	80	2.7	30.0	80	80	X Pass □ Fail □ N/A	330	330	132	132	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-3	500	100	250	Y		438	0.15	66	2.2	30.0	66	66	X Pass □ Fail □ N/A	250	250	100	100	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-4	420	84	210	Y	61	289	0.50	145	9.6	15.0	145	145	X Pass □ Fail □ N/A	210	210	84	145	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-5	1,060	212	530	Y		1,303	0.15	195	6.5	30.0	195	195	X Pass □ Fail □ N/A	530	530	212	212	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-6	975	195	485	Y	7	404	0.50	202	13.5	15.0	202	202	X Pass □ Fail □ N/A	488	488	195	202	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-7	500	100	0	Y		525	0.15	79	2.6	30.0	79	79	X Pass □ Fail □ N/A	250	250	100	100	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance May 2016

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
 (REG-NRCC-MCH-03-E (Revised 05/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Ventilation & Reheat
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-03-E
 (Page 1 of 2)

A. Mechanical Ventilation and Reheat

ZONE / SYSTEM / VAV BOX TAG	ACTUAL DESIGN WFD (FROM EQUIPMENT SCHEDULES, ETC)										AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheat/Primary Air CFM	VAV Deadband Primary Air CFM		
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
1-22	1,100	220	550	Y	80	789	0.38	300	19.7	15.0	296	300	X Pass □ Fail □ N/A	550	550	220	300	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-23	1,350	270	0	Y		1,333	0.15	200	6.7	30.0	200	200	X Pass □ Fail □ N/A	675	675	270	270	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-24	2,000	400	1,000	Y	163	1,126	0.50	563	37.5	15.0	563	563	X Pass □ Fail □ N/A	1,000	1,000	400	563	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-25	2,200	440	1,100	Y	225	1,330	0.50	665	44.3	15.0	665	665	X Pass □ Fail □ N/A	1,100	1,100	440	665	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-26	420	84	0	Y		412	0.15	62	2.1	30.0	62	62	X Pass □ Fail □ N/A	210	210	84	84	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-27	800	160	400	Y		461	0.15	69	2.3	30.0	69	69	X Pass □ Fail □ N/A	400	400	160	160	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-28	520	104	260	Y		140	0.15	21	0.7	30.0	21	21	X Pass □ Fail □ N/A	260	260	104	104	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance May 2016

STATE OF CALIFORNIA
MECHANICAL SYSTEMS
 (REG-NRCC-MCH-01-E (Revised 01/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Systems
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-01-E
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C. Mechanical HVAC Acceptance Forms (check box for required compliance documents)

Test Performed By:

Designer: This compliance document is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes for all acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the number of systems.

Installing Contractor: The contractor who installed the equipment is responsible to either conduct the acceptance test themselves or have a qualified entity run the test for them. If more than one person has responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation for which they are responsible.

Enforcement Agency: The contractor who installed the equipment is not considered a completed document and is not to be accepted by the building department unless the correct boxes are checked. Inspector - Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operation.

Test Description	MCH-12-A	MCH-13-A	MCH-14-A	MCH-15-A	MCH-16-A	MCH-17-A	MCH-18-A
Equipment Requiring Testing or Verification							
FUJITSU ASUZ 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
 (REG-NRCC-MCH-03-E (Revised 05/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Ventilation & Reheat
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-03-E
 (Page 1 of 2)

A. Mechanical Ventilation and Reheat

ZONE / SYSTEM / VAV BOX TAG	ACTUAL DESIGN WFD (FROM EQUIPMENT SCHEDULES, ETC)										AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheat/Primary Air CFM	VAV Deadband Primary Air CFM		
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
1-8	500	100	0	Y		623	0.15	93	3.1	30.0	93	93	X Pass □ Fail □ N/A	250	250	100	100	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-9	830	166	0	Y		744	0.15	112	3.7	30.0	112	112	X Pass □ Fail □ N/A	415	415	166	166	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-10	410	82	0	Y		384	0.15	58	1.9	30.0	58	58	X Pass □ Fail □ N/A	205	205	82	82	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-11	930	186	0	Y	150	883	0.38	336	22.1	15.0	331	336	X Pass □ Fail □ N/A	465	465	186	336	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-12	640	128	0	Y	17	964	0.15	145	4.8	30.0	145	145	X Pass □ Fail □ N/A	320	320	128	145	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-13	2,190	438	0	Y		1,575	0.15	236	7.9	30.0	236	236	X Pass □ Fail □ N/A	1,095	1,095	438	438	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A
1-14	700	140	350	Y		416	0.15	62	2.1	30.0	62	62	X Pass □ Fail □ N/A	350	350	140	140	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A	X Pass □ Fail □ N/A

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance May 2016

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
 (REG-NRCC-MCH-03-E (Revised 05/18))

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
 Mechanical Ventilation & Reheat
 Project Name: TI for RIO School District Date Prepared: 3/30/2020

NRCC-MCH-03-E
 (Page 1 of 2)

A. Mechanical Ventilation and Reheat

ZONE / SYSTEM / VAV BOX TAG	ACTUAL DESIGN WFD (FROM EQUIPMENT SCHEDULES, ETC)										AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheat/Primary Air CFM	VAV Deadband Primary Air CFM		
	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
1-29	1,050	210	525	Y																

A. Mechanical Ventilation and Reheat		ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)		AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheated Primary Air CFM	VAV Deadband Primary Air CFM										
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	
ZONE SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	DESIGN PRIMARY REHEATING AIRFLOW (CFM)	CENTRAL TYPE DOCS (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (SQ FT)	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON
1-36	1,300	260	650	Y		660	0.38	251	16.5	15.0	248		251	X Pass	650	650	X Pass	260	260	X Pass	
1-37	680	136	0	Y		124	0.38	260	17.1	15.0	257		260	X Pass	340	340	X Pass	136	260	X Pass	
1-38	900	180	0	Y		161	0.38	341	22.4	15.0	336		341	X Pass	450	450	X Pass	180	341	X Pass	
1-39	1,500	300	750	Y		682	0.38	259	17.1	15.0	256		259	X Pass	750	750	X Pass	300	300	X Pass	
1-40	740	148	370	Y		494	0.38	188	12.4	15.0	185		188	X Pass	370	370	X Pass	148	188	X Pass	
1-41	930	186	465	Y		126	0.38	312	20.5	15.0	308		312	X Pass	465	465	X Pass	186	312	X Pass	
1-42	750	150	375	Y		124	0.38	274	18.0	15.0	270		274	X Pass	375	375	X Pass	150	274	X Pass	

A. Mechanical Ventilation and Reheat		ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)		AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheated Primary Air CFM	VAV Deadband Primary Air CFM										
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	
ZONE SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	DESIGN PRIMARY REHEATING AIRFLOW (CFM)	CENTRAL TYPE DOCS (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (SQ FT)	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON
2-1	400	80	200	Y		387	0.15	58	1.9	30.0	58		58	X Pass	200	200	X Pass	80	80	X Pass	
2-2	1,100	220	550	Y		375	0.50	188	12.5	15.0	188		188	X Pass	550	550	X Pass	220	220	X Pass	
2-3	960	192	480	Y		709	0.15	106	3.5	30.0	106		106	X Pass	480	480	X Pass	192	192	X Pass	
2-4	330	66	0	Y		40	0.15	106	3.5	30.0	106		106	X Pass	165	165	X Pass	66	106	X Pass	
2-5	200	40	100	Y		166	0.15	25	0.8	30.0	25		25	X Pass	100	100	X Pass	40	40	X Pass	
2-6	590	118	0	Y		769	0.15	115	3.8	30.0	115		115	X Pass	295	295	X Pass	118	115	X Pass	
2-7	690	138	0	Y		851	0.15	128	4.3	30.0	128		128	X Pass	345	345	X Pass	138	128	X Pass	

A. Mechanical Ventilation and Reheat		ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)		AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheated Primary Air CFM	VAV Deadband Primary Air CFM										
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	
ZONE SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	DESIGN PRIMARY REHEATING AIRFLOW (CFM)	CENTRAL TYPE DOCS (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (SQ FT)	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON
2-22	350	70	175	Y		255	0.50	128	8.5	15.0	128		128	X Pass	175	175	X Pass	70	128	X Pass	
2-23	470	94	235	Y		211	0.15	32	1.1	30.0	32		32	X Pass	235	235	X Pass	94	94	X Pass	
2-24	750	150	375	Y		533	0.15	80	2.7	30.0	80		80	X Pass	375	375	X Pass	150	150	X Pass	
2-25	1,225	245	610	Y		547	0.15	82	2.7	30.0	82		82	X Pass	613	613	X Pass	245	245	X Pass	
2-26	680	136	340	Y		905	0.15	136	4.5	30.0	136		136	X Pass	340	340	X Pass	136	136	X Pass	
2-27	1,100	220	550	Y		416	0.38	158	10.4	15.0	156		158	X Pass	550	550	X Pass	220	220	X Pass	
2-28	430	86	0	Y		120	0.38	206	9.7	16.5	160		206	X Pass	215	215	X Pass	86	206	X Pass	

A. Mechanical Ventilation and Reheat		ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)		AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheated Primary Air CFM	VAV Deadband Primary Air CFM											
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		
ZONE SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	DESIGN PRIMARY REHEATING AIRFLOW (CFM)	CENTRAL TYPE DOCS (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (SQ FT)	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	
1-43	1,170	234	0	Y		1,073	0.15	161	5.4	30.0	161		161	X Pass	585	585	X Pass	234	234	X Pass		
1-44	940	188	0	Y		118	2,040	0.15	306	10.2	30.0	306		306	X Pass	470	470	X Pass	188	306	X Pass	
1-45	1,340	268	670	Y		682	0.38	259	17.1	15.0	256		259	X Pass	670	670	X Pass	268	268	X Pass		
1-46	560	112	280	Y		426	0.15	64	2.1	30.0	64		64	X Pass	280	280	X Pass	112	112	X Pass		
1-47	1,380	276	690	Y		14	762	0.38	290	19.1	15.0	286		290	X Pass	690	690	X Pass	276	290	X Pass	
1-48	750	150	375	Y		155	803	0.38	305	20.1	15.0	301		305	X Pass	375	375	X Pass	150	305	X Pass	
1-49	1,110	222	555	Y		102	853	0.38	324	21.3	15.0	320		324	X Pass	555	555	X Pass	222	324	X Pass	

A. Mechanical Ventilation and Reheat		ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)		AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheated Primary Air CFM	VAV Deadband Primary Air CFM											
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		
ZONE SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	DESIGN PRIMARY REHEATING AIRFLOW (CFM)	CENTRAL TYPE DOCS (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (SQ FT)	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	
2-8	250	50	0	Y		83	265	0.50	133	8.8	15.0	133		133	X Pass	125	133	X Pass	50	133	X Pass	
2-9	1,275	255	635	Y		215	0.15	32	1.1	30.0	32		32	X Pass	638	638	X Pass	255	255	X Pass		
2-10	1,050	210	525	Y		480	0.15	72	2.4	30.0	72		72	X Pass	525	525	X Pass	210	210	X Pass		
2-11	1,050	210	525	Y		465	0.15	70	2.3	30.0	70		70	X Pass	525	525	X Pass	210	210	X Pass		
2-12	240	48	0	Y		43	609	0.15	91	3.0	30.0	91		91	X Pass	120	120	X Pass	48	91	X Pass	
2-13	590	118	295	Y		434	0.15	65	2.2	30.0	65		65	X Pass	295	295	X Pass	118	118	X Pass		
2-14	240	48	120	Y		209	0.15	31	1.0	30.0	31		31	X Pass	120	120	X Pass	48	48	X Pass		

A. Mechanical Ventilation and Reheat		ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)		AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheated Primary Air CFM	VAV Deadband Primary Air CFM											
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21		
ZONE SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	DESIGN PRIMARY REHEATING AIRFLOW (CFM)	CENTRAL TYPE DOCS (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (SQ FT)	MIN/CM PER AREA	MIN/CM PER AREA	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	MIN/CM PER PERSON	
2-29	780	156	0	Y		864	0.15	130	4.3	30.0	130		130	X Pass	390	390	X Pass	156	156	X Pass		
2-30	600	120	300	Y		525	0.15	79	2.6	30.0	79		79	X Pass	300	300	X Pass	120	120	X Pass		
2-31	500	100	250	Y		162	0.15	24	0.8	30.0	24		24	X Pass	250	250	X Pass	100	100	X Pass		
2-32	930	186	465	Y		366	0.15	55	1.8	30.0	55		55	X Pass	465	465	X Pass	186	186	X Pass		
2-33	800	160	0	Y		193	2,354	0.15	353	11.8	30.0	353		353	X Pass	400	400	X Pass	160	353	X Pass	
2-34	685	137	0	Y		165	2,014	0.15	302	10.1	30.0	302		302	X Pass	343	343	X Pass	137	302	X Pass	
2-35	650	130	325	Y		540	0.15	81	2.7	30.0	81		81	X Pass	325	325	X Pass	130	130	X Pass		

A. Mechanical Ventilation and Reheat		ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)		AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Reheated Primary Air CFM	VAV Deadband Primary Air CFM									
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21
ZONE SYSTEM / VAV BOX TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	DESIGN PRIMARY REHEATING AIRFLOW (CFM)	CENTRAL TYPE DOCS (Y/N)	TRANSFER AIRFLOW (CFM)	CONDITIONED AREA (SQ FT)	MIN													

remarks	date
PLAN CHECK SUBMITT	12/19/19
BID ISSUE	2/24/20
BACK CHECK 1	4/3/20

sheet title

MECHANICAL
TITLE 24 FORMS

drawn by: PS
project no: 43038
date: 4/3/20
scale: PS 3/4"=1"

MT24C



STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
Mechanical Ventilation & Reheat
Project Name: TI for RIO School District Date Prepared: 3/30/2020

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Eric Santellan
Signature Date: 3/30/2020
Company: Kevin A. Smola and Associates
Address: 16025 Arrow Highway, Ste. C
City/State/Zip: Irwindale, CA 91706 Phone: 626-585-9338

Responsible Person's Declaration Statement:
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the building permit application.
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Kevin A. Smola
Date Signed: 3/30/2020
Address: 16025 Arrow Hwy Ste C
City/State/Zip: Irwindale, CA 91706 License: M21106 Phone: 626-585-9338

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CALIFORNIA ENERGY COMMISSION
CERTIFICATE OF COMPLIANCE
Mechanical Ventilation & Reheat
Project Name: TI for RIO School District Date Prepared: 3/30/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)	AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Required Primary Air cfm		VAV Required Primary Air cfm	
	01	02	03	04			05	06	07	08
ZONE/CONTAINMENT/TYPE TAG	DESIGN PRIMARY COOLING AIRFLOW (CFM)	DESIGN PRIMARY HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)	HEATING AIRFLOW (CFM)
2-50	600	120	300	Y	13	266	0.50	133	8.9	15.0
2-51	1,150	230	575	Y	401	0.50	201	13.4	15.0	201
2-52	1,120	224	560	Y	663	0.15	99	12.9	16.1	208
2-53	400	80	200	Y	179	0.15	27	0.9	30.0	27
Total										17,944
EXISTING ELEMENT					82	0.15	12	0.1	99.9	12
Total										12

STATE OF CALIFORNIA
MECHANICAL VENTILATION AND REHEAT
CALIFORNIA ENERGY COMMISSION
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Mechanical Ventilation & Reheat
Project Name: TI for RIO School District Date Prepared: 3/30/2020

A. Mechanical Ventilation and Reheat

ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC.)	AREA BASIS		OCCUPANCY BASIS		ROOM BASIS	MINIMUM	VAV Required Primary Air cfm		VAV Required Primary Air cfm	
	01	02	03	04			05	06	07	08
2-43	1,720	344	860	Y	646	0.15	97	3.2	30.0	97
2-44	350	70	175	Y	254	0.15	38	1.3	30.0	38
2-45	180	36	0	Y	65	0.50	101	6.7	15.0	101
2-46	2,010	402	1,005	Y	1,105	0.15	166	5.5	30.0	166
2-47	780	156	0	Y	858	0.15	129	4.3	30.0	129
2-48	1,485	297	740	Y	1,779	0.15	267	8.9	30.0	267
2-49	630	126	0	Y	1,667	0.15	250	8.3	30.0	250

SYMBOL/ABBREV./DEFINITION		
SYMBOL	ABBREV.	DEFINITION
		DETAIL TOP - I.D. NUMBER REFERENCE BOTTOM - SHT NUMBER
	SA	SUPPLY AIR DUCT
	RA	RETURN AIR DUCT
	EA	EXHAUST AIR DUCT
	FC	FLEXIBLE CONNECTION
		INCLINED DUCT RISE
		INCLINED DUCT DROP
		ACOUSTICAL DUCT LINING
		SUPPLY AIR DIFFUSER
		RETURN AIR GRILLE
		45 DEGREE DUCT TAP IN WITH CONICAL FITTING
	R	DOOR LOUVER
	S	SENSOR
	T-STAT	THERMOSTAT
	T-STAT	EXISTING THERMOSTAT
	T-STAT	RELOCATED THERMOSTAT
	TC	TIME CLOCK
	SD	DUCT SMOKE DETECTOR
		EQUIPMENT SHOWN HATCH IS TO BE REMOVED
		INDICATES CONTROL WIRING
		SUPPLY DUCT THRU ROOF
		RETURN DUCT THRU ROOF
		EXHAUST AIR DUCT THRU ROOF
		SIDEWALL DISCHARGE GRILLE
		DOOR UNDERCUT
	SF	SMOKE FIRE DAMPER
	M	MOTORIZED DAMPER
		FLEX CONNECTION
	POC	POINT OF CONNECTION
	GLV	GLOBE VALVE
	BAL	BALANCING VALVE
	CV	CHECK VALVE
	STR	STRAINER
	BLV	BALL VALVE, BUTTERFLY VALVE
	U	UNION
	GAC	GAGE COCK
		CAPPED OR PLUGGED OUTLET
	PRV	PRESSURE REDUCING VALVE
	AV	ANGLE VALVE
		PIPE DOWN
		PIPE UP
	PA	PIPE ANCHOR
		PIPE GUIDE
	FC	FLEXIBLE CONNECTION
	CHS	CHILLED WATER SUPPLY
	CHR	CHILLED WATER RETURN
	CS	CONDENSER WATER SUPPLY
	CR	CONDENSER WATER RETURN
	HWS	HEATING HOT WATER SUPPLY
	HWR	HEATING HOT WATER RETURN
	CD	CONDENSATE DRAIN
	VT	EQUIPMENT AND VALVE VENT
	A	AUTOMATIC SPRINKLERS
	IA	INSTRUMENT AIR

ABBREVIATION/DEFINITION	
ABBREV.	DEFINITION
ABV	ABOVE
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
BEL	BELOW
BLDG	BUILDING
C	COLD AIR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CL	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONC	CONCRETE
CONT	CONTINUATION
DET	DETAIL
DIA	DIAMETER
DN	DOWN
DR	DRAIN
DRWG	DRAWING
EL	ELEVATION
ENCL	ENCLOSURE
EMS	ENERGY MANAGEMENT SYSTEM
EXH	EXHAUST
EXIST	EXISTING
FA	FRESH AIR
FD	FIRE DAMPER
FG	FLOOR GRILLE
FIN	FINISH
FLR	FLOOR
FFP	FINS PER FOOT
FS	FLOOR SINK
GALV	GALVANIZED
GPM	GALLONS PER MINUTE
GR	GRADE
H	HOT AIR
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MIN	MINIMUM
MECH	MECHANICAL
NC	NORMALLY CLOSED
NO	NOT IN CONTACT
NO	NORMALLY OPEN
OPNG	OPENING
PLBG	PLUMBING
POC	POINT OF CONNECTION
R	RELOCATE
SCR	SCREEN
SD	SMOKE DETECTOR
SF	SMOKE/FIRE DAMPER
SM	SHEET METAL
TEMP	TEMPERATURE
TYP	TYPICAL
UTR	UP THROUGH ROOF
VTR	VENT THROUGH ROOF
VD	VOLUME DAMPER

GENERAL NOTES

- CONTRACTOR SHALL EXAMINE ALL OTHER SPECIFICATIONS, DRAWINGS AND ALL FEATURES OF BUILDING CONSTRUCTION WHICH MAY AFFECT HIS WORK AND SHALL BE GOVERNED BY THESE AND OTHER SPECIFICATIONS, INCLUDING THE GENERAL CONDITIONS AND PARTICULAR INSTRUCTIONS TO ALL BIDDERS AND SUPPLIERS.
- ALL WORK SHALL BE EXECUTED AND INSPECTED IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND/OR STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THIS PARTICULAR CLASS OF WORK, AND EACH CONTRACTOR SHALL INCLUDE IN HIS PRICE ALL APPLICABLE SERVICE CHARGES, FEES, PERMITS, TAXES, AND OTHER SIMILAR COSTS IN CONNECTION THEREWITH.
- PRIOR TO FABRICATION OF DUCTWORK, CONTRACTOR SHALL EXAMINE AND VERIFY ALL CONDITIONS ABOVE AND BELOW THE CEILING WHICH MAY INTERFERE WITH THE DUCT SYSTEM AND NOTIFY THE ARCHITECT OF ANY CONFLICT ENCOUNTERED. CONTRACTOR SHALL PROVIDE ALL OFFSETS, ETC. WHICH MAY BE REQUIRED, WITHOUT ADDITIONAL COST TO THE OWNER.
- ALL SHEET METAL DUCT CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH "SMACNA" LOW OR MED PRESSURE DUCT CONSTRUCTION STANDARD.
- ALL DUCTS SHALL BE SUPPORTED WITH 1" WIDE, 16 GAUGE, GALVANIZED STEEL BANDS.
- ALL DUCT DIMENSIONS SHOWN ON PLANS ARE INTERNAL.
- CONTRACTOR SHALL COORDINATE THE LOCATION OF SUPPLY AND RETURN AIR REGISTERS, DUCTS, GRILLES AND DIFFUSERS WITH LIGHTING AND CEILING PATTERNS.
- PROVIDE LATERAL BRACING OF ALL DUCTS AND PIPES AS REQUIRED BY CODE.
- INSULATE AND SEAL ALL DUCTWORK PER CHAPTER 10 OF THE STATE MECHANICAL CODE (T-24, PART 4).
- MOUNT ALL THERMOSTATS AT 48" ABOVE FINISHED FLOOR.
- ALL BRACING OF DUCTS AND PIPING SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES AS APPROVED BY THE ARCHITECT.
- WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT AND THE MECHANICAL ENGINEER.
- A COPY OF THE GUIDELINES PUBLISHED BY "SMACNA" AND APPROVED BY ARCHITECT SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.
- ALL PLUMBING VENTS, EXHAUST EQUIPMENT SHALL BE A MIN. OF 10 FT. FROM ANY AIR INTAKE VENT.
- ALL MECHANICAL EQUIPMENT SHALL BE SECURELY FASTENED IN PLACE.
- ALL DUCT DETECTORS SHALL BE MAGNETICALLY TESTED TO THE MANUFACTURER'S SPECIFICATION IN THE PRESENCE OF THE CITY OF SANTA CLARITA BUILDING INSPECTOR PRIOR TO THE FINAL APPROVAL.
- PROVIDE AIR BALANCE REPORT BY A THIRD PARTY ABC OR NEBB AIR BALANCE CONTRACTOR. INCLUDE THE COST OF MULTIPLE BALANCES IN ORDER TO ACHIEVE THE AIRFLOWS INDICATED.
- PROVIDE MANUAL BALANCING DAMPERS IN ALL DUCT BRANCHES.

SCOPE OF WORK

TENANT IMPROVEMENT IN AN EXISTING BUILDING. DEMOLISH ALL EXISTING AIR DISTRIBUTION DOWNSTREAM OF EXISTING VAV BOXES. DEMOLISH ALL (E) PNEUMATIC CONTROLS AND T-STATS. RELOCATE (E) VAV BOXES AND INSTALL NEW VAV BOXES AS SHOWN. COORDINATE WITH ELECTRICAL CONTRACTOR FOR POWER REQUIREMENTS OF ALL VAV BOXES INCLUDING LOW VOLTAGE TRANSFORMERS, CONTROLS DESIGN AND REPLACEMENT ARE NOT PART OF THIS PROJECT. ALTHOUGH DDC CONTROLS ARE NOT A PART OF THIS PROJECT, THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE CONTROLS CONTRACTOR PERFORMING THE WORK. REQUEST THE PLANS PERTAINING TO THE CONTROLS REPLACEMENT FROM THE OWNER PRIOR TO BEGINNING WORK.

PERFORM AN INITIAL AIR TEST OF ALL AIR DISTRIBUTION SERVING THE THIRD FLOOR WHETHER SHOWN ON THE MECHANICAL PLANS OR NOT. ALL AIR AND WATER TESTING AND BALANCING SHALL BE PERFORMED BY AN ABC OR NEBB AIR BALANCE CONTRACTOR PRIOR TO PERFORMING ANY DEMOLITION AND SUBMIT REPORT TO ARCHITECT FOR RECORD. UPON COMPLETION OF THE NEW WORK, PERFORM A FINAL AIR AND WATER TEST AND BALANCE AND SUBMIT FOR REVIEW. REFERENCE THE AIR BALANCE REQUIREMENT NOTE BOX ON THIS SHEET.

EQUIPMENT NOTE

ALL EXISTING EQUIPMENT IS MARKED "(E)" ON THESE PLANS. ANY EQUIPMENT NOT MARKED WITH "(E)" SHALL BE CONSIDERED NEW.

EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	MANUFACTURER MODEL	TYPE	CFM	E.S.P.	FRPM	SOUND LEVEL (SONE)	DRIVE	HP	VOLT	PHASE	HZ	OPER. WEIGHT (LBS.)	REMARKS
	ROOF	GREENHECK GB-091-4	CENTRIFUGAL	420	0.3"	1,002	5.6	BELT	1/4	115	1	60	60	UL LISTED, FACTORY ROOF CURB WITH HINGED BASE, GALV. BIRDSSCREEN, HOOD HASPS, BACKDRAFT DAMPER, NAMEPLATE, 5 YEAR WARRANTY. SEE 11/M-3.0 FOR WIRING DIAGRAM.

FAN COIL SCHEDULE

SYMBOL	MATCHING UNIT	FC MODEL	ROOM	SERVICE	CFM	S.P.	CLG. CAP. BTUH	HTG. CAP. BTUH	FAN HP	FAN FLA	UNIT FLA	MCA	MFS	VOLT	PH	FILTERS	WEIGHT	REMARKS
		FUJITSU ASU24RLX	EXISTING SOUTH ELET. RM.	TEL./COMM.	800	-	24,000	24,000	-	-	0.57	0.3	30	208/230	1	-	35	WALL PROGRAMMABLE THERMOSTAT. SEE 11/M3.0 FOR WIRING DIAGRAM.

CONDENSING UNIT SCHEDULE

SYMBOL	MODEL	COOLING CAPACITY	COMPR. RLA	FAN FLA	SEER	VOLT	PHASE	MCA	MOCP	HSPF	OPER. WEIGHT	REMARKS
	FUJITSU AO24RLX	24,000	11.5	1.3	18	208/230	1	15.5	30	10.0	135	REFRIGERANT: R-410. LOCATED ON 2ND FLOOR BALCONY. ANTI-SHORT CYCLE KIT. LOCK OUT HEATING MODE DURING STARTUP. SEE 3/M3.1 FOR MOUNTING DETAIL.

AIR TERMINAL UNITS SCHEDULE

MARK NO.	TYPE & MODEL	CFM CAP		MAX. Ps	MAX. NC AT 2" INLET S.P.		INLET DUCT SIZE		REMARKS
		MAX.	MIN.		DISCH.	RADIATED	COLD	HOT	
A-1	SINGLE DUCT VARIABLE VOLUME ENVIRO-TEC SDR	150		0.25	30	30	4"		5'-0" LINED DUCT
A-2		300					5"		
A-3		400					6"		
A-4		800					8"		
A-5		1300					10"		
A-6		1800					12"		10'-0" LINED DUCT
A-7		2300					14"		
A-8		3100					16"		

NOTES: 1.) MEDIUM PRESSURE DUCT CONNECTION SIZE FROM HIGH PRESSURE MAIN DUCT TO AIR TERMINAL UNIT UNLESS OTHERWISE NOTED ON DWGS. PROVIDE TRANSITION IF REQUIRED TO SUIT UNIT INLET SIZE.

FAN-POWERED - VAV AIR TERMINAL UNITS

SYMBOL:	B 1	B 2	B 3	B 4	B 5	B 6	B 7	B 8	B 9	B 10	B 11
P.A. CFM RANGE:	53-435	105-840	105-840	105-840	165-1355	165-1355	165-1355	240-1975	240-1975	240-1975	335-2750
P.A. INLET SIZE:	6"	8"	8"	8"	10"	10"	10"	12"	12"	12"	14"
TERMINAL UNIT SIZE:	0606	0806	0806	0811	1006	1006	1011	1211	1211	1218	1418
DOWNSTREAM S.P.:	.25	.25	.25	.25	.25	.25	.25	.35	.35	.4	.4
MOTOR SIZE:	1/10	1/10	1/8	1/4	1/10	1/6	1/4	1/6	1/4	1/2	1/2
FAN CFM RANGE:	200-455	250-465	250-525	450-970	300-485	300-500	500-1100	500-880	500-1140	800-1700	800-1800
MAX HTG. CAPACITY:	24.7	24.7	33.3	50.6	27.4	27.4	66.2	48.0	66.2	84.5	94.3
GPM:	1.0	1.0	2.0	5.0	1.0	1.0	5.0	2.0	5.0	5.0	5.0
POWER SUPPLY:	-	-	-	-	-	-	-	-	-	-	-
DOWNSTREAM DUCT:	5'-0" LINED	-	-	-	-	-	-	-	-	10'-0" LINED	-
MANUFACTURE:	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC	ENVIRO-TEC
MODEL:	VFR-WC	VFR-WC	VFR-WC	VFR-WC	VFR-WC	VFR-WC	VFR-WC	VFR-WC	VFR-WC	VFR-WC	VFR-WC
INLET FILTERS:	YES	-	-	-	-	-	-	-	-	-	-

REMARKS: 1.) REHEAT CAPACITY (NEB) BASED ON 2-ROW REHEAT COILS. 180" ENT; 160" LWT; 65" EAT.
2.) DESIGN SELECTIONS BASED ON PRIMARY AIR RADIATED NC LEVEL <= 30 NC.
3.) INSTALL SPRING VIBRATION ISOLATORS FOR FAN-POWERED AIR TERMINAL UNITS WITH 1/2 HORSEPOWER MOTORS AND HANDLING 1000 CFM OR GREATER VOLUME OF AIR DESIGNED BY "VIBREX" OR "MASON". INCLUDE SEISMIC RESTRAINT.

AIR DISTRIBUTION SCHEDULE

(PRICE, MODULAR)

NECK SIZE	CFM	THROW
6 x 6	*100	A = 4 WAY
8 x 8	*180	B = 3 WAY
10 x 10	*300	C = 2 WAY OPP.
12 x 12	*400	D = 2 WAY CORNER
14 x 14	*500	E = 1 WAY
16 x 16	*700	X = EXHAUST
18 x 18	*950	

NECK SIZE (SQUARE) THROW (X=EXHAUST)

DIFFUSER FACE TO BE 24x24 FOR T-BAR CEILING.

T-BAR CEILING, PROVIDE QUAD DAMPERS IN DUCTS OPP. CEILING, PROVIDE OBD AT GRILLES COORDINATE WITH ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING TYPE. SELECT DIFFUSER MOUNTING TYPE ACCORDINGLY.

CEILING	EXPOSED	T-BAR	T-BAR	GYPBOARD	GYPBOARD	GYPBOARD
PRICE	RCDA	PDMC	PDDR	SMCD	520D	80
FACE TYPE	RD	PR	PR	SQ	SW	EG
MOUNTING	-	FL	FL	S	S	S
PATTERN	-	ADJ	-	4W	FIX	FIX
DAMPER	VD	VD	VD	OBD	OBD	OBD
MATERIAL	ST	ST	ST	ST	ST	ST
FINISH	W	W	W	W	W	W
USE	SUPPLY	SUPPLY	RETURN	SUPPLY	SUPPLY	EXHAUST

FACE TYPE:
RD - ROUND
PR - PERFORATED
SW - SIDEWALL
EG - EGGRATE
MOUNTING:
FL - FLUSH
S - SURFACE

PATTERN:
ADJ - ADJUSTABLE
4W - FOUR WAY
FIX - FIXED

DAMPERS:
OBD - OPPOSED BLADE DAMPER
VD - VOLUME DAMPER

FINISHES:
W - WHITE

MATERIAL:
ST - STEEL

AIR BALANCE REQUIREMENTS

PROVIDE AN INITIAL AIR TEST OF ALL EXISTING HVAC EQUIPMENT, AIR INLETS AND OUTLETS PRIOR TO ANY WORK TAKING PLACE. THIS INCLUDES ALL AREAS SERVED BY THE EXISTING AIR HANDLER AND EXHAUST SYSTEM. SUBMIT TEST TO ARCHITECT FOR REVIEW. PROVIDE FINAL AIR BALANCE AFTER CONSTRUCTION IS COMPLETE. BASED ON THE DESIGN AIRFLOWS INDICATED IN THE AIRFLOW TABLE.

TESTING AND BALANCING AIR DISTRIBUTION SYSTEMS:

- OBTAIN THE SERVICES OF AN INDEPENDENT TEST AND BALANCE AGENCY THAT SPECIALIZES IN AND WHOSE BUSINESS IS LIMITED TO THE TESTING AND BALANCING OF AIR CONDITION SYSTEMS.
- THE AGENCY SELECTED SHALL BE A FULLY CERTIFIED MEMBER OF THE ABC OR NEBB. AT LEAST ONE MEMBER OF THE AGENCY SHALL BE QUALIFIED AS A CERTIFIED TEST AND BALANCE ENGINEER BY THE NATIONAL EXAMINING BOARD. ALL FINAL REPORTS SHALL BE SIGNED BY THIS CERTIFIED TEST AND BALANCE ENGINEER AND SHALL INCLUDE HIS OFFICIAL STAMP, THE NATIONAL EXAMINING BOARD. ALL FINAL REPORTS SHALL BE SIGNED BY THIS CERTIFIED TEST.
- TESTING AND BALANCING SHALL BE PERFORMED IN COMPLETE ACCORDANCE WITH AABC STANDARDS FOR FIELD MEASUREMENT AND INSTRUMENTATION. TESTING AND BALANCING SHALL BE PERFORMED ON ALL SYSTEMS.
- INSTRUMENTS USED FOR TESTING AND BALANCING OF SYSTEMS MUST HAVE BEEN CALIBRATED WITHIN PERIOD OF SIX MONTHS AND BEEN CHECKED FOR ACCURACY PRIOR TO START OF WORK.
- MEASURE MAXIMUM AIR FLOW QUANTITY OF EACH SUPPLY AIR DIFFUSER. SET BALANCING DAMPER AND LOCK INTO PLACE.

EQUIPMENT AND MATERIALS

- ALL EQUIPMENT SHALL BE LABELED OR LISTED BY A RECOGNIZED APPROVAL AGENCY.
- FOR SUPPLY, RETURN, AND EXHAUST DUCT, MATERIALS SHALL BE GALVANIZED STEEL.
- ALL EXTERIOR REFRIGERANT PIPING INSULATION SHALL BE CLAD WITH ALUMINUM AND SECURED WITH ALUMINUM BANDS.

GOVERNING CODES

2016 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 PART 1
2016 CALIFORNIA BUILDING CODE, TITLE 24 PART 2
(INCLUDES THE CALIFORNIA HISTORICAL BUILDING CODE, PART 8 AND CALIFORNIA EXISTING BUILDING CODE, PART 10)
2016 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3
2016 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4
2016 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5
2016 CALIFORNIA FIRE CODE, TITLE 24 PART 9
2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 PART 12

SHEET INDEX

MT24A	MECHANICAL TITLE 24 FORMS
MT24B	MECHANICAL TITLE 24 FORMS
MT24C	MECHANICAL TITLE 24 FORMS
MO.1	MECHANICAL LEGENDS, SCHEDULES AND NOTES
M21	MECHANICAL ZONING PLAN - FIRST FLOOR
M22	MECHANICAL ZONING PLAN - SECOND FLOOR
M1.0	MECHANICAL FIRST FLOOR DEMOLITION PLAN - NORTH WING
M1.1	MECHANICAL FIRST FLOOR DEMOLITION PLAN - SOUTH WING
M1.2	MECHANICAL SECOND FLOOR DEMOLITION PLAN - NORTH WING
M1.3	MECHANICAL SECOND FLOOR DEMOLITION PLAN - SOUTH WING
M2.0	MECHANICAL FIRST FLOOR PLAN- NORTH WING
M2.1	MECHANICAL FIRST FLOOR PLAN- SOUTH WING
M2.2	MECHANICAL SECOND FLOOR PLAN - NORTH WING
M2.3	MECHANICAL SECOND FLOOR PLAN - SOUTH WING
M3.0	MECHANICAL DETAILS
M3.1	MECHANICAL DETAILS



RETURN AIR PLENUM REQUIREMENTS

WIRING - ONLY WIRING METHODS CONSISTING OF TYPE MI CABLE OR TYPE MC CABLE EMPLOYING A SMOOTH OR CORRUGATED IMPERVIOUS METAL SHEATH WITHOUT AN OVERALL NONMETALLIC COVERING, ELECTRICAL METALLIC TUBING, FLEXIBLE METALLIC TUBING, INTERMEDIATE METAL CONDUIT, OR RIGID METAL CONDUIT IS PERMITTED. FLEXIBLE METAL CONDUIT AND LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL BE PERMITTED, IN LENGTHS NOT TO EXCEED 4 FEET, TO CONNECT PHYSICALLY ADJUSTABLE EQUIPMENT AND DEVICES THAT ARE PERMITTED IN THE PLENUM (NEC 300-22B, 22C).

GAS VALVES SHALL NOT BE LOCATED IN SUCH SPACES DUE TO THE POTENTIAL TO LEAK.

COMMUNICATION CABLES - CABLES INSTALLED IN DUCTS, PLENUMS, AND OTHER SPACES USED FOR ENVIRONMENT AIR SHALL BE TYPE CMP, TYPES CMP, CMR, CMG, CM AND CMX AND COMMUNICATIONS WIRE SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING, FLEXIBLE METAL TUBING, INTERMEDIATE METAL CONDUIT, RIGID METAL CONDUIT, FLEXIBLE METAL CONDUIT, OR, WHERE ACCESSIBLE, SURFACE METAL RACEWAY OR WIRE WITH METAL COVERS OR SOLID BOTTOM METAL CABLE TRAY WITH SOLID METAL COVERS. (CEC 800.1545A, 300-22A,B,C)

WOOD FRAMING & PLYWOOD - NOT PERMITTED TO BE EXPOSED IN THE PLENUM UNLESS RATED CLASS 1. (CMC 602.2)

SUSPENDED CEILING - RATED FOR PLENUM OR A MINIMUM OF 1-HOUR RATED.

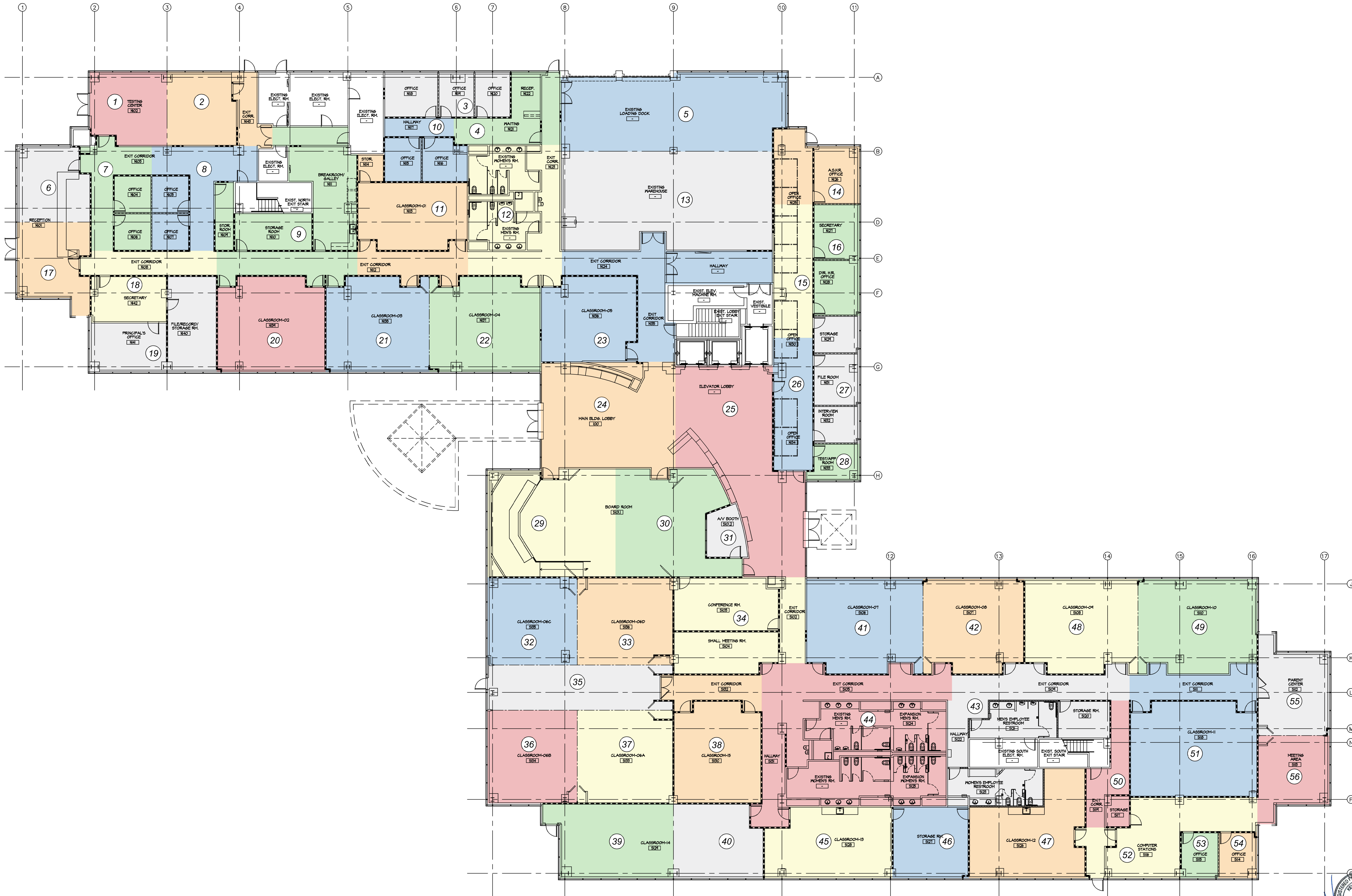
INSULATION - CLASS 1 MATERIAL ONLY. BATTS NOT PERMITTED.

LIGHTING - SHALL HAVE A METAL ENCLOSURE, OR NONMETALLIC ENCLOSURE LISTED FOR THE USE WITH ADEQUATE FIRE-RESISTANT AND LOW SMOKE-PRODUCING (CLASS 1 FLAME SPREAD) AND ASSOCIATED WIRING MATERIAL SUITABLE FOR THE AMBIENT TEMPERATURE.

DUCT MATERIALS - CLASS "0" OR "1" ONLY.

GREEN BUILDING CODE

- ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, OR SHEETMETAL UNTIL THE FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT. (504.3)
- ADHESIVES, CAULKS, AND SEALANTS SHALL COMPLY WITH VOLATILE ORGANIC COMPOUND (



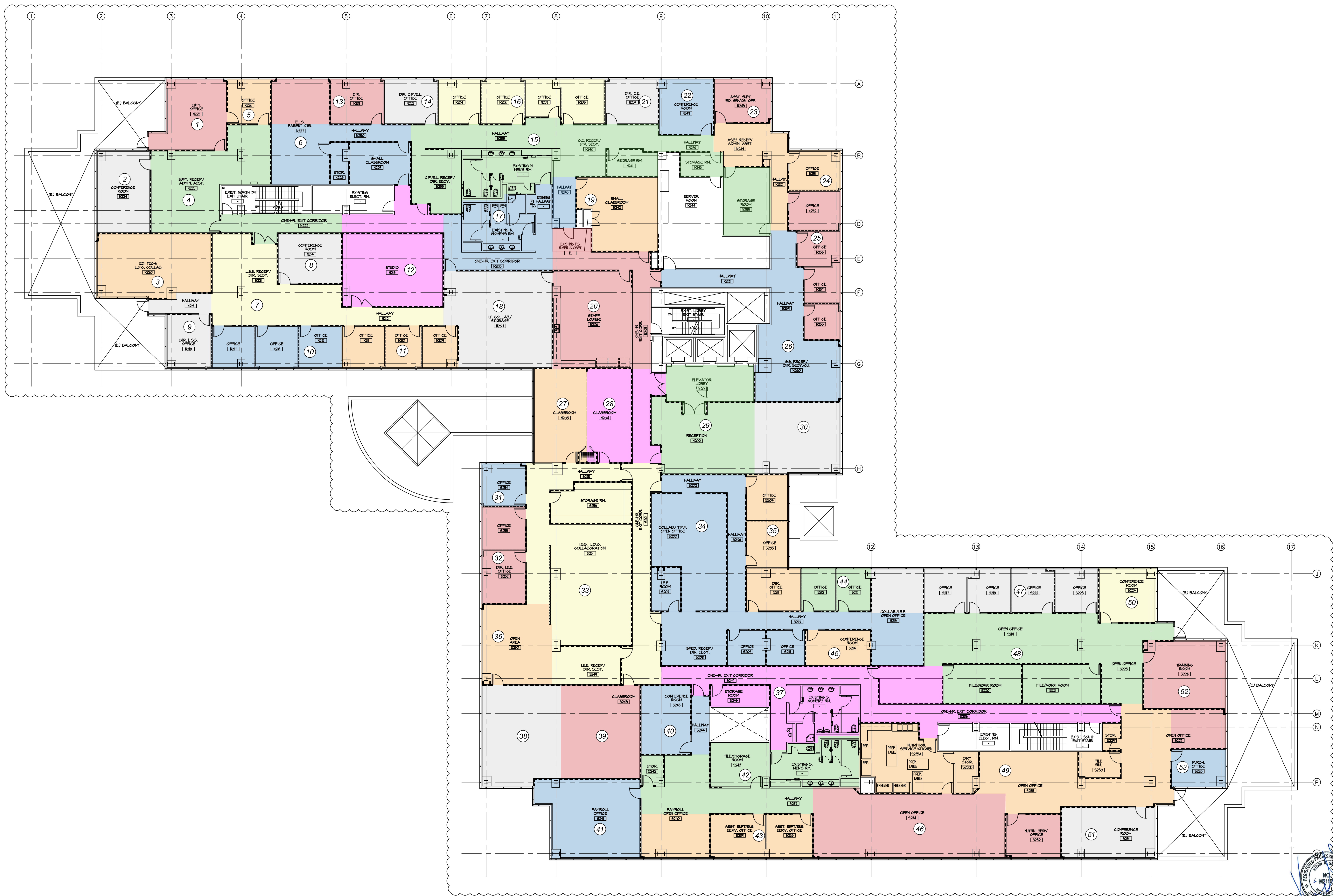
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Δ	remarks	date
	PLAN CHECK SUBMIT	12/19/19
	BID ISSUE	2/24/20
	BACK CHECK 1	4/3/20

sheet title

MECHANICAL ZONING PLAN - FIRST FLOOR

drawn by	PS
project no	43038
date	4/3/20
scale	AS SHOWN



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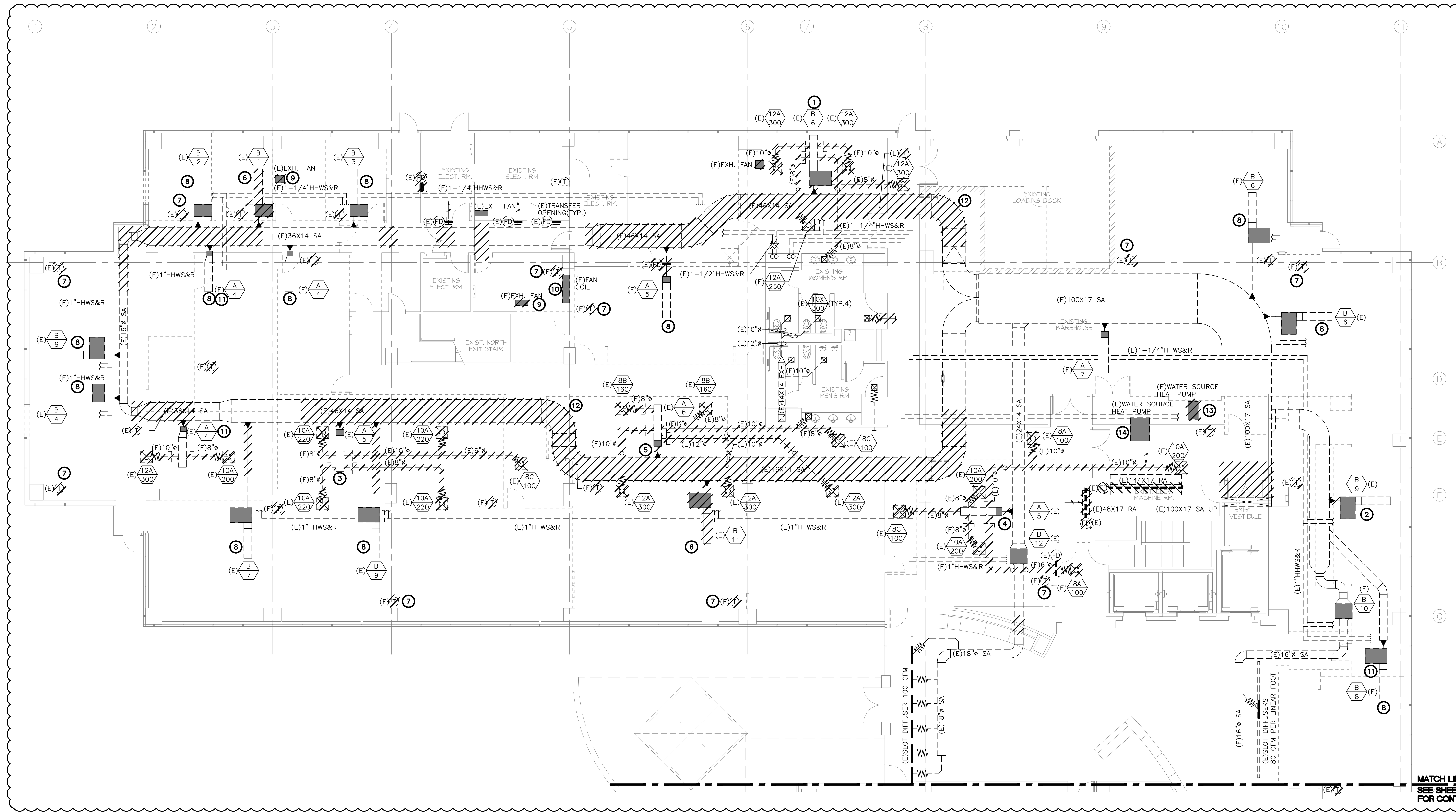
Mechanical Zoning Plan - Second Floor

drawn by	PS
project no	43038
date	4/3/20
scale	AS SHOWN

NOTES:
 DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.
 "LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT
 "HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT
 CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

DEMOLITION NOTES

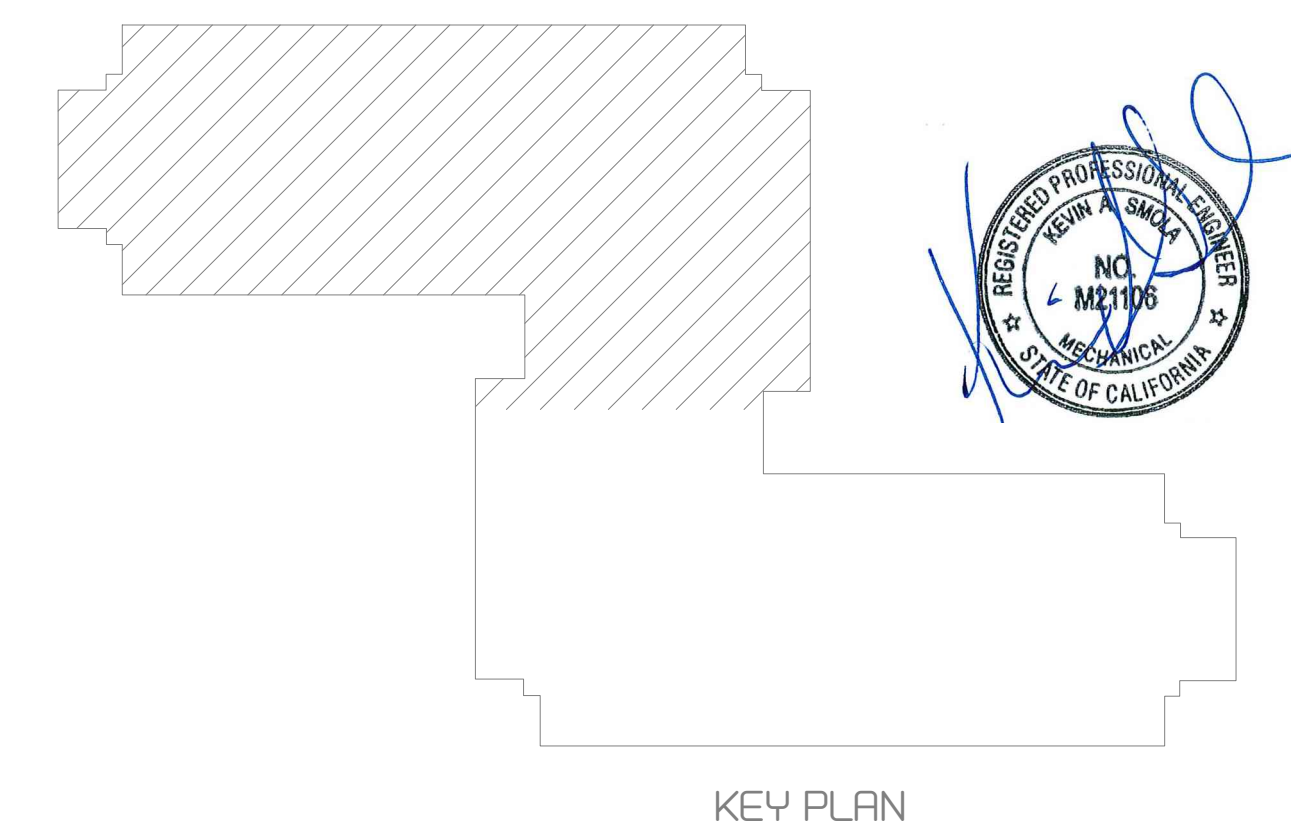
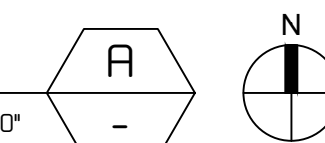
- 1 DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #16. SEE SHEET M-2.0 FOR NEW LOCATION.
- 2 DISCONNECT (E)HWS&R AND MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #36. SEE SHEET M-2.1 FOR NEW LOCATION.
- 3 DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #9. SEE SHEET M-2.0 FOR NEW LOCATION.
- 4 DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #12. SEE SHEET M-2.0 FOR NEW LOCATION.
- 5 DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #23. SEE SHEET M-2.0 FOR NEW LOCATION.
- 6 DEMOLISH EXISTING VAV ZONE AND ALL ASSOCIATED HWS&R PIPING, LOW PRESSURE DUCTWORK, DIFFUSERS ETC.
- 7 DEMOLISH EXISTING THERMOSTATS AND REPLACE WITH NEW. SEE SHEET M-2.0 FOR NEW LOCATION. (TYP.)
- 8 DEMOLISH ALL ASSOCIATED EXISTING DUCTWORK DOWNSTREAM FROM (E)35A PLENUM/ATTENUATOR OF (E)VAV BOX AND ALL (E)SA DIFFUSERS. (E)SA PLENUM/ATTENUATOR IS EXISTING TO REMAIN.
- 9 DEMOLISH (E)EXHAUST FAN AND ALL ASSOCIATED DUCTWORK. (TYP.)
- 10 EXISTING FAN COIL TO BE RELOCATED TO ADJACENT ELECTRICAL ROOM. SEE M2.0 FOR NEW LOCATION. EXTEND EXISTING REFRIGERANT PIPING TO NEW FAN COIL LOCATION AS NECESSARY AND RECONNECT. SEE PLUMBING FOR CONDENSATE DISCHARGE. MECH CONTRACTOR TO CLEAN AND FULLY SERVICE EXISTING FAN COIL AND ASSOCIATED CONDENSING UNIT. VERIFY LOCATIONS IN FIELD.
- 11 RELOCATE EXISTING VAV BOX. EXTEND EXISTING HEATING HOT WATER PIPING AND RECONNECT TO (E)MEDIUM PRESSURE DUCTWORK AS NECESSARY SEE M2.0 FOR NEW LOCATION.
- 12 DEMOLISH EXISTING MEDIUM PRESSURE DUCT AS NECESSARY DUE TO NEW FULL HEIGHT WALLS. (TYP.)
- 13 DEMOLISH EXISTING WATER SOURCE HEAT PUMP AND ALL ASSOCIATED DUCTWORK. CAP EXISTING CONDENSER WATER PIPING ABOVE CEILING.
- 14 EXISTING WATER SOURCE HEAT PUMP TO REMAIN



MATCH LINE
 SEE SHEET M-11
 FOR CONTINUATION

MECHANICAL FIRST FLOOR DEMOLITION PLAN - NORTH WING

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



KEY PLAN

all drawings and written material appearing herein constitute the original and unaltered work of the architect and the same may not be duplicated used or disclosed without the written consent of the architect.

Δ	remarks	date
	PLUM CHECK SUBMITT.	12/19/19
	BID ISSUE	2/21/20
	BACK CHECK 1	4/3/20

sheet title

MECHANICAL FIRST FLOOR DEMOLITION PLAN - NORTH WING

drawn by _____
 project no _____
 date _____
 scale _____

PS 53-PLUM

m.i.o

pk:a architecture

3155 Redwood Drive, Suite 110
 Agoura Hills, California 91301
 v. 818.558.1007 f. 818.558.1009
 www.pkarchitecture.net

KEVIN A. SMOLA AND ASSOC., INC.

CONSULTING MECHANICAL ENGINEERS
 1825 ARROW HWY., STE. C
 IRVINDALE, CALIFORNIA 91706
 (626)385-9338 FAX (626)385-0864

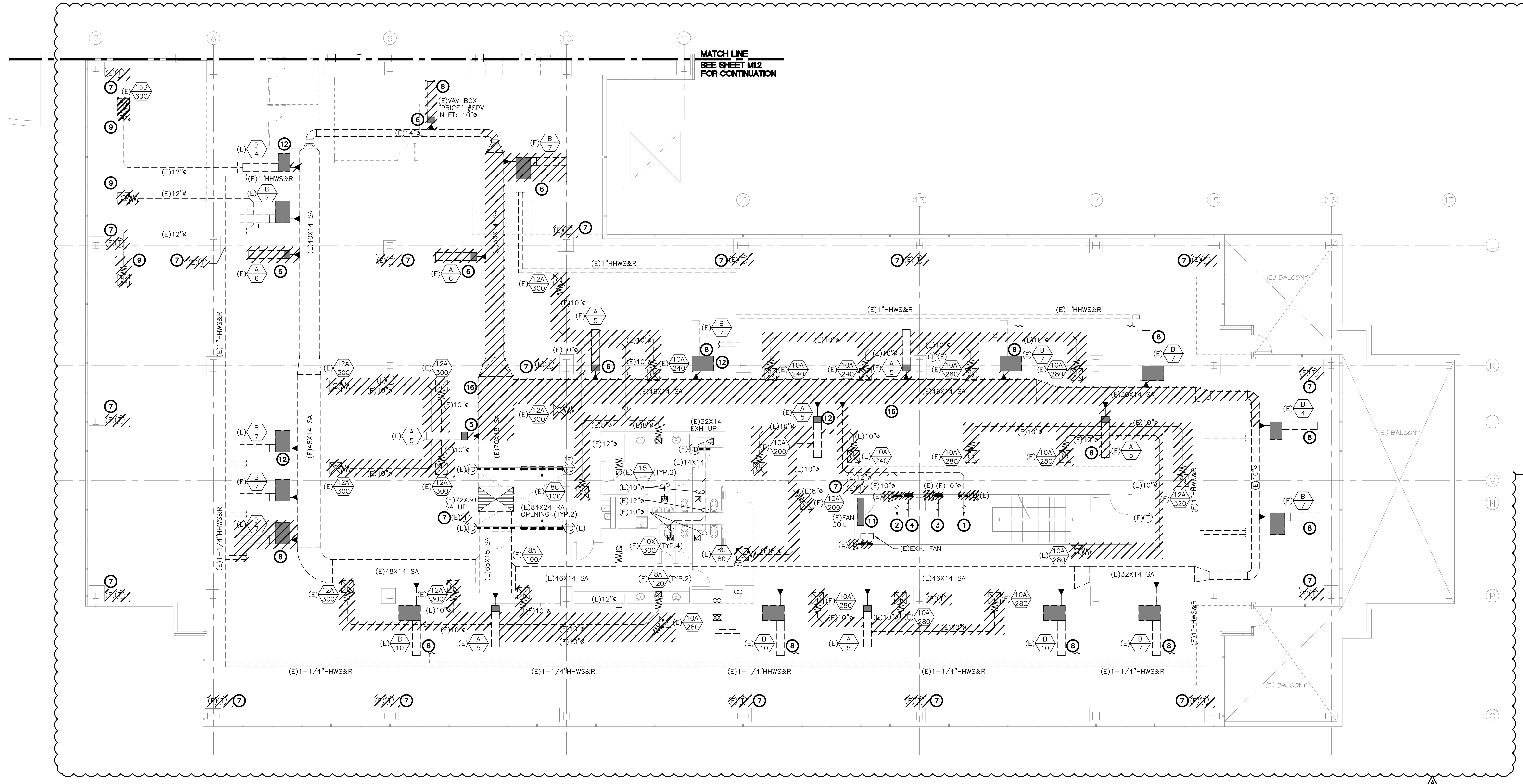
OXNARD UNION HIGH SCHOOL DISTRICT
 1800 N SOLAR DRIVE - 1st & 2nd Floors
 OXNARD, CALIFORNIA

TENANT IMPROVEMENTS FOR

NOTES:
 DASHED LINES REPRESENT EXISTING DUCTS, EQUIPMENT, ETC.
 "LIGHT TEXT" PERTAINS TO EXISTING DUCTS AND EQUIPMENT
 "HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT
 CROSSHATCHED AREAS INDICATED "NIC" NO MECHANICAL WORK REQUIRED.

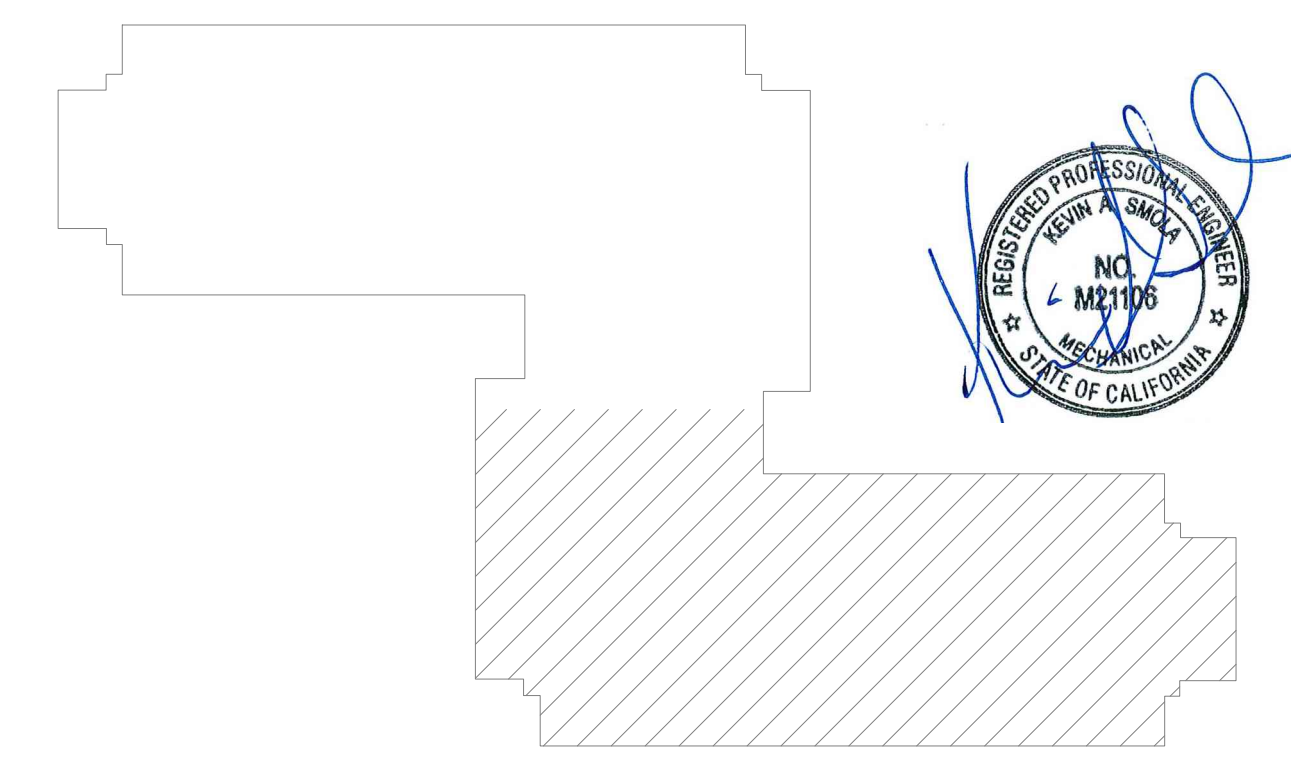
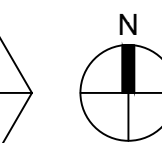
DEMOLITION NOTES

- 1 (E)SIDE WALL DIFFUSER WITH (E)FD 250 CFM.
- 2 (E)SIDE WALL DIFFUSER WITH (E)FD 200 CFM.
- 3 (E)RETURN AIR SIDE WALL DIFFUSER WITH (E)FD.
- 4 (E)16X10 RETURN AIR OPENING WITH WIREMESH ON BOTH SIDES OF OPENING.
- 5 DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #39. SEE SHEET M2.3 FOR NEW LOCATION.
- 6 DEMOLISH EXISTING VAV ZONE AND ALL ASSOCIATED HWS&R PIPING, LOW PRESSURE DUCTWORK, DIFFUSERS ETC.
- 7 DEMOLISH EXISTING THERMOSTATS AND REPLACE WITH NEW. SEE SHEET M2.0 FOR NEW LOCATION. (TYP.)
- 8 DEMOLISH ALL ASSOCIATED EXISTING DUCTWORK DOWNSTREAM FROM (E)SA PLENUM/ATTENUATOR OF (E)VAV BOX AND ALL (E)SA DIFFUSERS. (E)SA PLENUM/ATTENUATOR IS EXISTING TO REMAIN.
- 9 DEMOLISH (E)SA DIFFUSER AND PARTIALLY DEMOLISH (E)DUCTWORK SEE M2.3 FOR EXTENT OF DEMOLITION.
- 10 EXISTING COMPUTER ROOM AIR CONDITIONERS TO REMAIN AND BE PROTECTED IN PLACE.
- 11 EXISTING FAN COIL TO REMAIN. CONTRACTOR TO CLEAN AND FULLY SERVICE EXISTING FAN COIL AND ASSOCIATED CONDENSING UNIT. VERIFY LOCATIONS IN FIELD.
- 12 RELOCATE EXISTING VAV BOX. EXTEND EXISTING HEATING HOT WATER PIPING AND RECONNECT TO (E)MEDIUM PRESSURE DUCTWORK AS NECESSARY SEE M2.2 & M2.3 FOR NEW LOCATION.
- 13 DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #18. SEE SHEET M2.2 FOR NEW LOCATION.
- 14 DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #2. SEE SHEET M2.2 FOR NEW LOCATION.
- 15 DISCONNECT MEDIUM PRESSURE DUCTWORK. RELOCATE TO SERVE ZONE #1. SEE SHEET M2.2 FOR NEW LOCATION.
- 16 DEMOLISH EXISTING MEDIUM PRESSURE DUCT AS NECESSARY DUE TO NEW FULL HEIGHT WALLS. (TYP.)

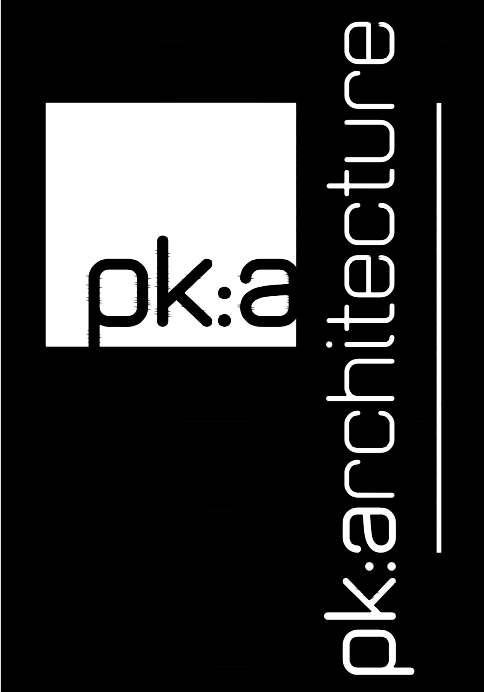


MECHANICAL SECOND FLOOR DEMOLITION PLAN - SOUTH WING

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



KEY PLAN



3155 E. Foothill Blvd., Suite 110
 Agoura Hills, California 91301
 V: 818.558.0057 F: 818.558.0010
 www.pkarchitecture.net

KEVIN A. SMOLA AND ASSOC., INC.
 CONSULTING MECHANICAL ENGINEERS
 1625 ARROW HWY., STE. C
 IRVINDALE, CALIFORNIA 91706
 (626)285-9338 FAX: (626)285-0864



1800 N SOLAR DRIVE - 1st & 2nd Floors
 OXNARD, CALIFORNIA

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	PLAN CHECK SUBMITT	12/19/19
	BID ISSUE	2/24/20
	BACK CHECK 1	4/3/20

sheet title

MECHANICAL SECOND FLOOR DEMOLITION PLAN - SOUTH WING

drawn by: _____
 project no: 43038
 date: 4/3/20
 scale: PS 34-PLN

m1.3



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2	2/24/20	BID ISSUE
3	4/3/20	BACK CHECK 1

sheet title

MECHANICAL FIRST FLOOR PLAN - SOUTH WING

drawn by	FC
project no	40038
date	4/3/20
scale	RS 3/4"=1'-0"

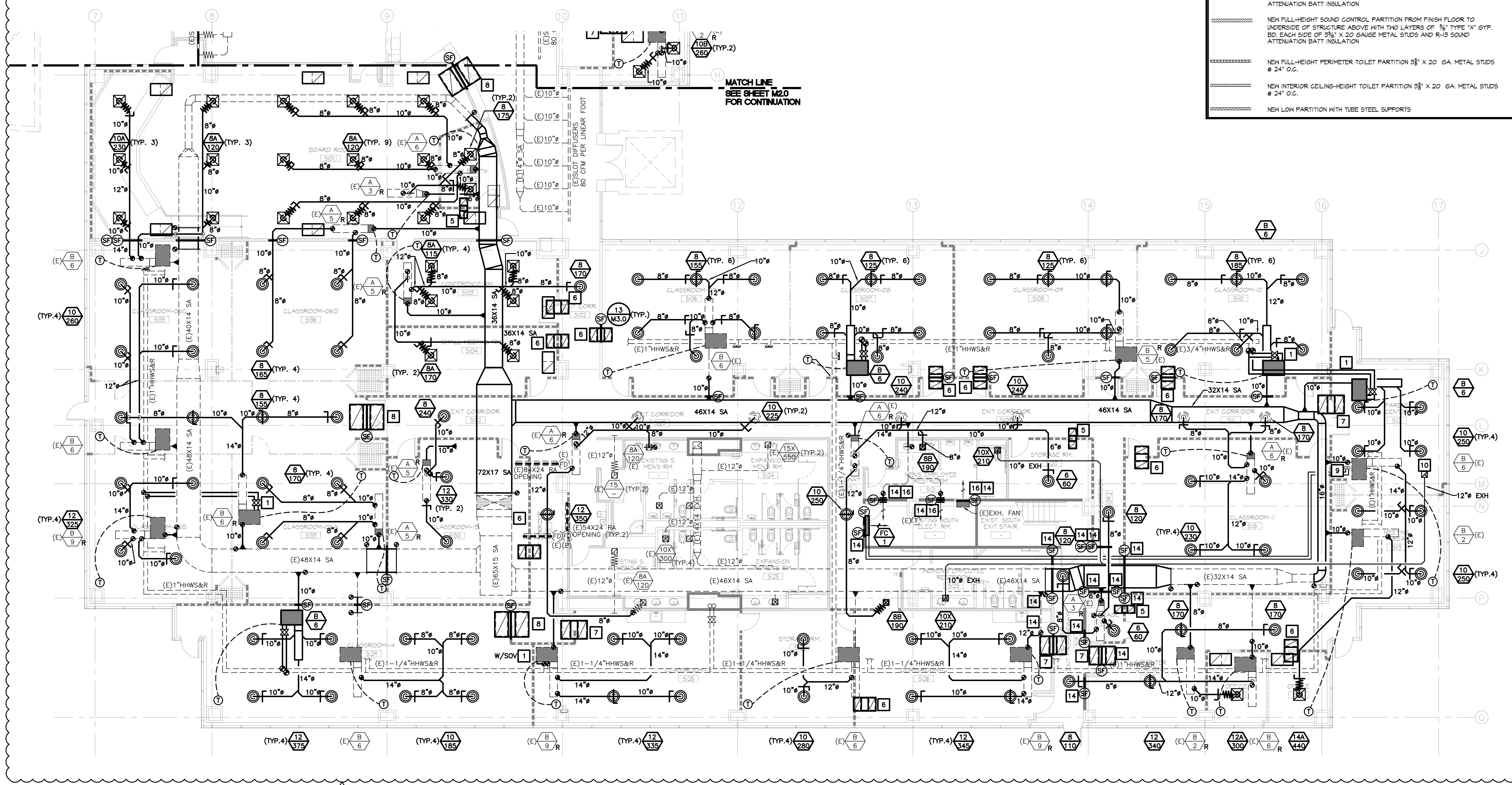
WALL LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING BUILDING SHAFTS TO REMAIN
- FURNITURE PARTITION SYSTEM BY TENANT CONTRACTOR TO PROVIDE HARDWARE HOOK-UP FOR ELEC./TELE/ DATA TYPICAL
- NEW FULL-HEIGHT SOUND PARTITION - 3/4" TYPE 'X' GYP. BD. EACH SIDE OF 3 1/2" X 20 GA. METAL STUDS FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW PARTITION - 3/4" TYPE 'X' GYP. BD. EACH SIDE OF 3 1/2" X 20 GA. METAL STUD FROM FINISH FLOOR TO 12" ABOVE ADJACENT CEILING WITH R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT SOUND CONTROL PARTITION FROM FINISH FLOOR TO UNDERSIDE OF STRUCTURE ABOVE WITH TWO LAYERS OF 3/4" TYPE 'X' GYP. BD. EACH SIDE OF 3 1/2" X 20 GAUGE METAL STUDS AND R-13 SOUND ATTENUATION BATT INSULATION
- NEW FULL-HEIGHT PERIMETER TOILET PARTITION 3/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS

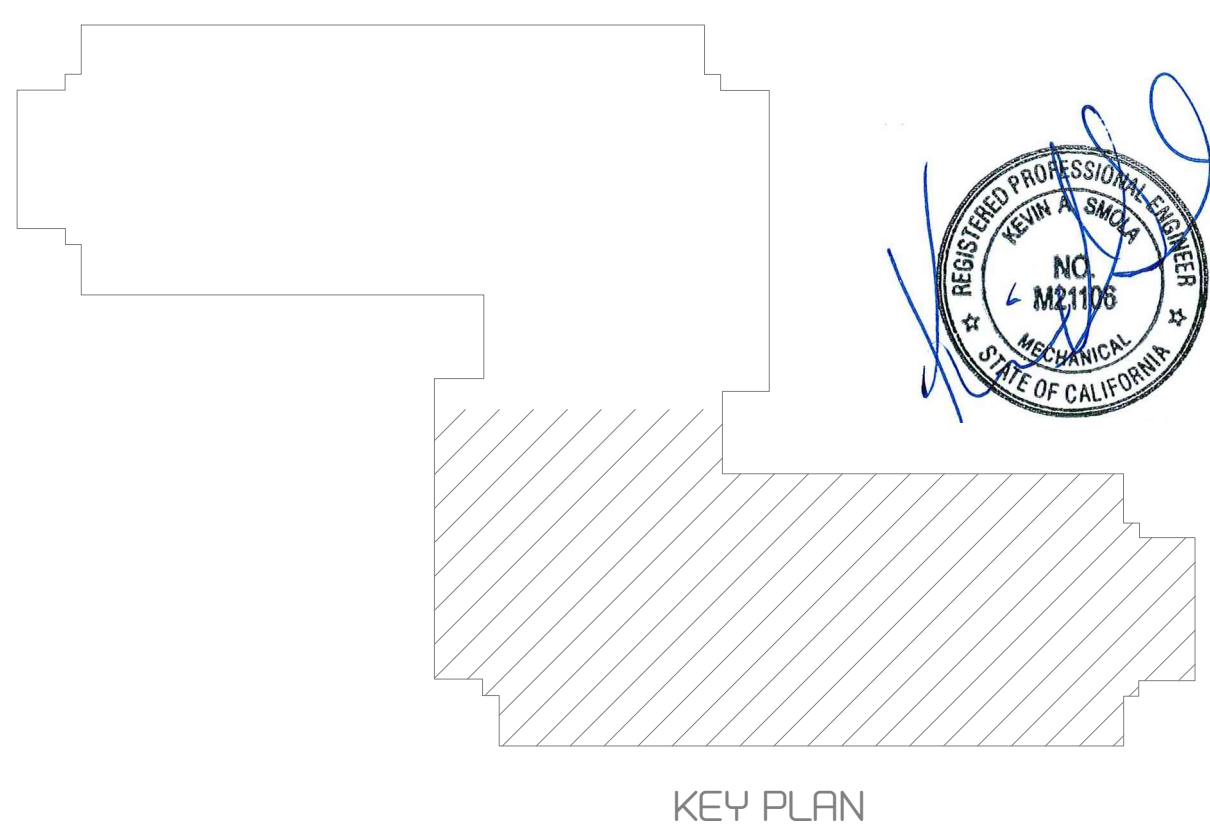
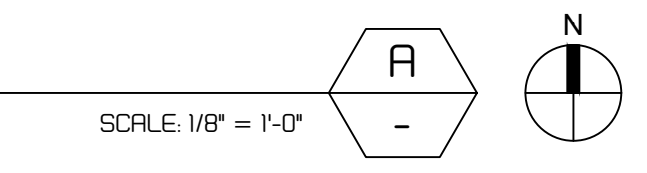
NOTES:
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 "HEAVY TEXT" PERTAINS TO NEW DUCTS AND EQUIPMENT
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 SEE MT24 SHEET FOR CORRESPONDING ZONE NUMBERS ON MCH-03 VENTILATION FORMS.
 ALL NEW MEDIUM PRESSURE DUCTWORK SHALL HAVE A MINIMUM OF 1" LINING TO MATCH CONDITION OF EXISTING MEDIUM PRESSURE DUCTWORK. CONTRACTOR TO VERIFY CONDITION IN FIELD AND INCLUDE THE COST OF LINED DUCTWORK IN THEIR BID.
 PER CMC 603.4.1, FLEXIBLE AIR DUCTS AND CONNECTORS SHALL NOT BE MORE THAN 5 FEET IN LENGTH AND SHALL NOT BE USED IN LIEU OF RIGID ELBOWS OR FITTINGS. FLEXIBLE AIR DUCTS SHALL NOT PENETRATE ANY FIRE RATED CONSTRUCTIONS.

- ### PLAN NOTES
- 1"HHWS&R.
 - 1-1/4"HHWS&R.
 - INSULATED REFRIGERANT PIPING WRAPPED WITH RIGID ALUMINUM CLADDING AND ALUMINUM BANDS.
 - 3/8" AND 5/8" INSULATED REFRIGERANT PIPING DN TO FC-1 ON 1ST FLR. SEE M2.1 FOR CONT.
 - 12X12(1") TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
 - 24X14(1") TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
 - 34X16(1") TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
 - 48X24(1") TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
 - 3/8" AND 5/8" INSULATED REFRIGERANT PIPING UP TO CU-1 ON 1ST FLR. SEE M2.3 FOR CONT.
 - 12X12 EXH DUCT UP TO LOW ROOF ON 2ND FLOOR. SEE M2.3 FOR CONT.
 - NEW DUCT WITH 1" LINING POC TO DUCT. MATCH EXISTING DUCT SIZE. VERIFY IN FIELD. RUN A MIN. 10' OF DUCT LENGTH. CONT. LOCATE DUCT ABOVE MEDIUM PRESSURE SUPPLY AIR DUCT.
 - RELOCATE AND INSTALL EXISTING FAN COIL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. EXTEND INSULATED REFRIGERANT PIPING TO (E)FAN COIL'S NEW LOCATION.
 - PROVIDE THIRD POINT TURNING VANES FOR ALL RADIUS ELBOWS GREATER THAN 30" WIDE. SEE 14/M3.0 FOR DETAIL.
 - 3-HR RATED COMBINATION SMOKE/FIRE DAMPER. SEE DETAIL 5/M3.1.
 - NEW TRANSFER TO MATCH EXISTING SIZE. PROVIDE SCREEN AT BOTH OPENINGS.
 - NEW DUCT AND EGGRACE GRILLE TO MATCH EXISTING SIZE.

DUCT CONTRACTOR SHALL OBTAIN THE SERVICES OF M.W. SAUSSE TO DESIGN DUCT SEISMIC BRACING INCLUDING CALCULATIONS AND DETAILS USING OPM-0203-13 OR "MASON" AND "B-LINE" OPM EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.



MECHANICAL FIRST FLOOR PLAN - SOUTH WING



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remarks	date
PLAN CHECK SUBMIT	12/19/19
BID ISSUE	2/24/20
BACK CHECK 1	4/3/20

sheet title

MECHANICAL SECOND FLOOR PLAN - SOUTH WING

drawn by
project no
date
scale

PS 19-PLIN

m2.3

WALL LEGEND

- EXISTING EXTERIOR WINDOW SYSTEM AND BULKHEAD TO REMAIN AND PROTECTED DURING CONSTRUCTION
- EXISTING SHELL, INTERIOR WALLS AND COLUMN FURRING TO REMAIN AND PROTECTED DURING CONSTRUCTION
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- NEW INTERIOR CEILING-HEIGHT TOILET PARTITION 3/8" X 20 GA. METAL STUDS @ 24" O.C.
- NEW LOW PARTITION WITH TUBE STEEL SUPPORTS

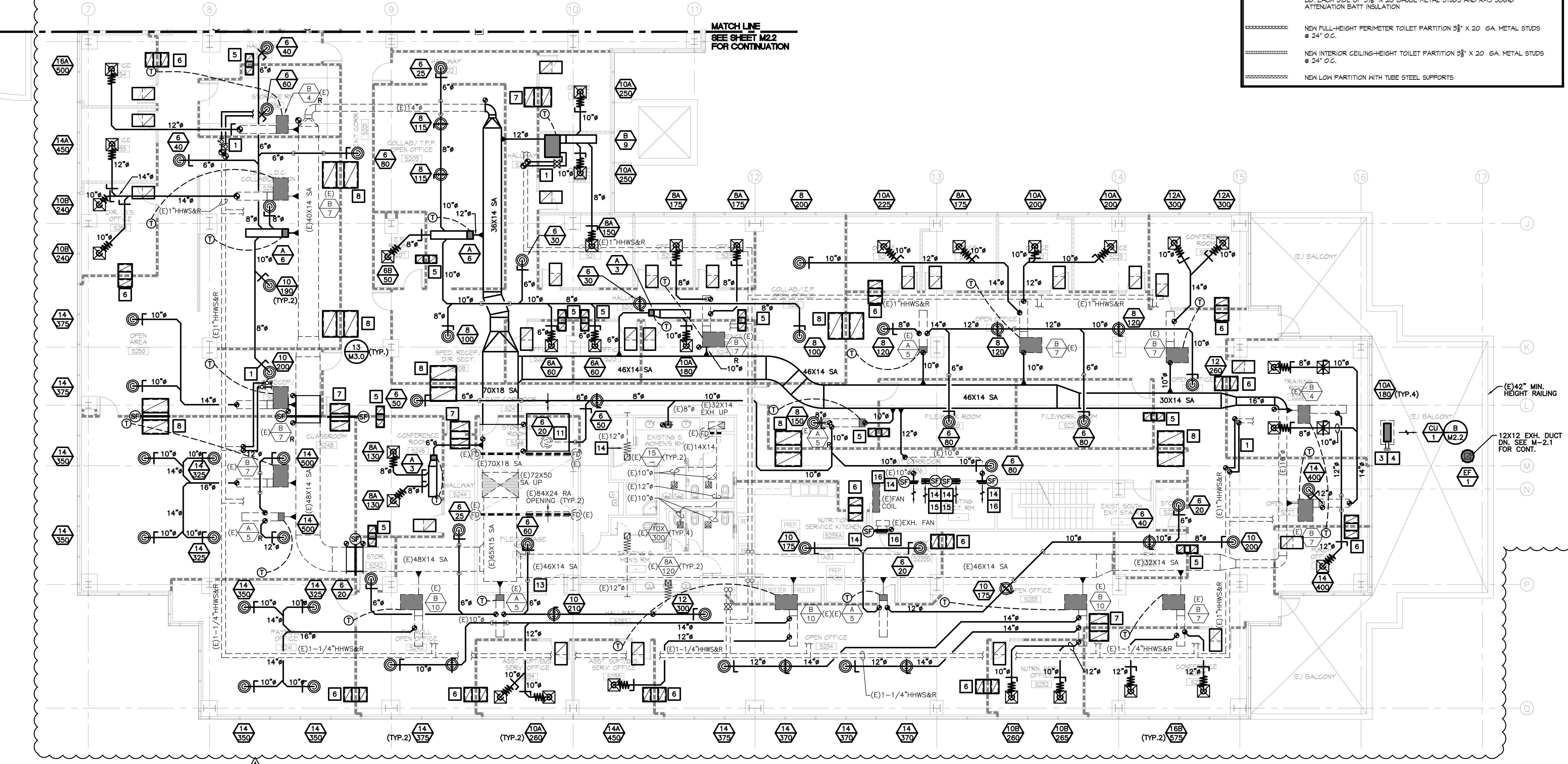
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- SEE M2.4 SHEET FOR CORRESPONDING ZONE NUMBERS ON MCH-03 VENTILATION FORMS.
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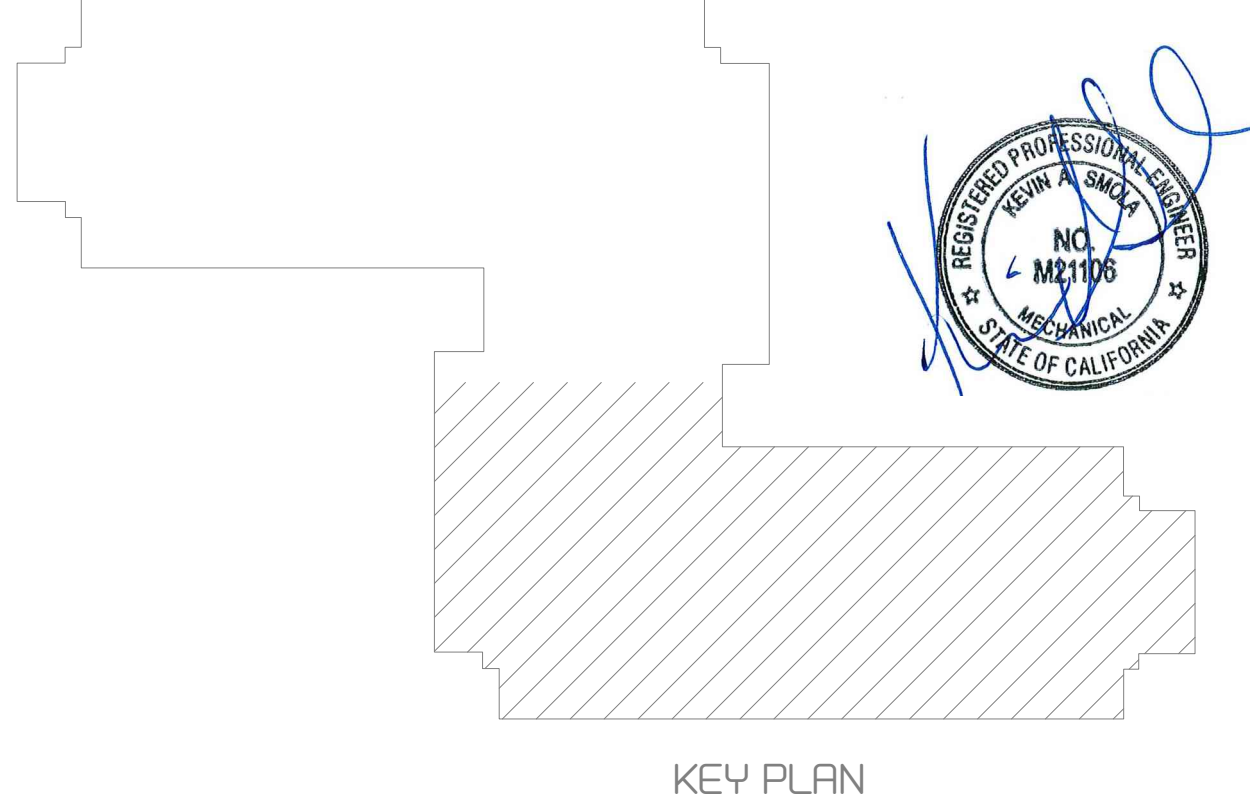
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 - 48X24(1") TRANSFER BOOT. SEE 10/M3.0 FOR DETAIL.
 - 3/8" AND 5/8" INSULATED REFRIGERANT PIPING UP TO CU-1 ON 1ST FLR. SEE M2.3 FOR CONT.
 - 12X12 EXH DUCT UP TO LOW ROOF ON 2ND FLOOR. SEE M2.3 FOR CONT.
 - EXTEND 84X24 RA INTAKE OPENING AS SHOWN.
 - PROVIDE THIRD POINT TURNING VANES FOR ALL RADIUS ELBOWS GREATER THAN 20" WIDE. SEE 14/M3.0 FOR DETAIL.
 - TUNNEL CONSTRUCTION THIS AREA FOR BUILDING RETURN AIR. SEE ARCHITECTURAL DRAWINGS.
 - 3-HR RATED COMBINATION SMOKE/FIRE DAMPER. SEE DETAIL 5/M3.1.
 - NEW TRANSFER TO MATCH EXISTING SIZE. PROVIDE SCREEN AT BOTH OPENINGS.
 - NEW DUCT AND EGGRATE GRILLE TO MATCH EXISTING SIZE.

DUCT BRACING

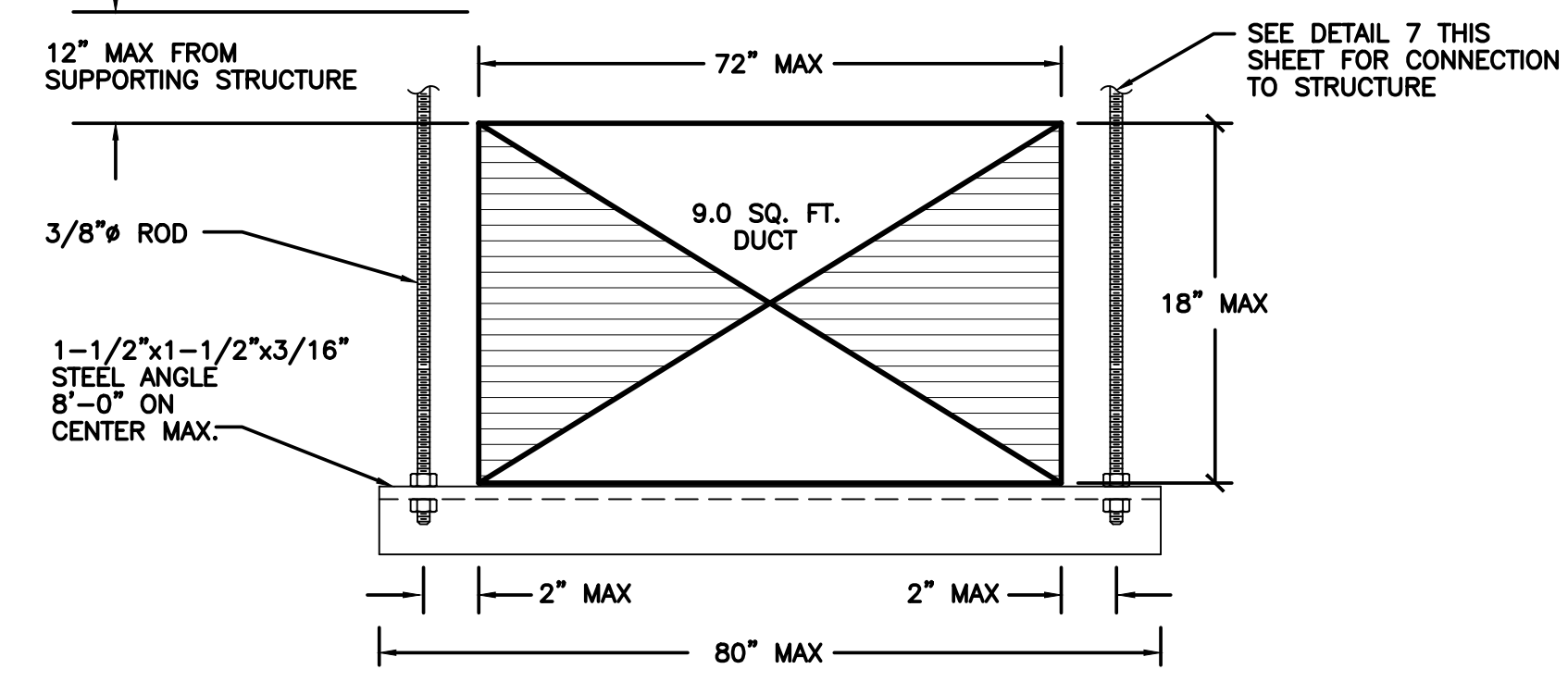
MECHANICAL CONTRACTOR SHALL OBTAIN THE SERVICES OF M.W. SAUSSE TO DESIGN DUCT SEISMIC BRACING INCLUDING CALCULATIONS AND DETAILS USING OPM-2203-13 OR "MASON" AND "B-LINE" OPM EQUAL. SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO CONSTRUCTION.



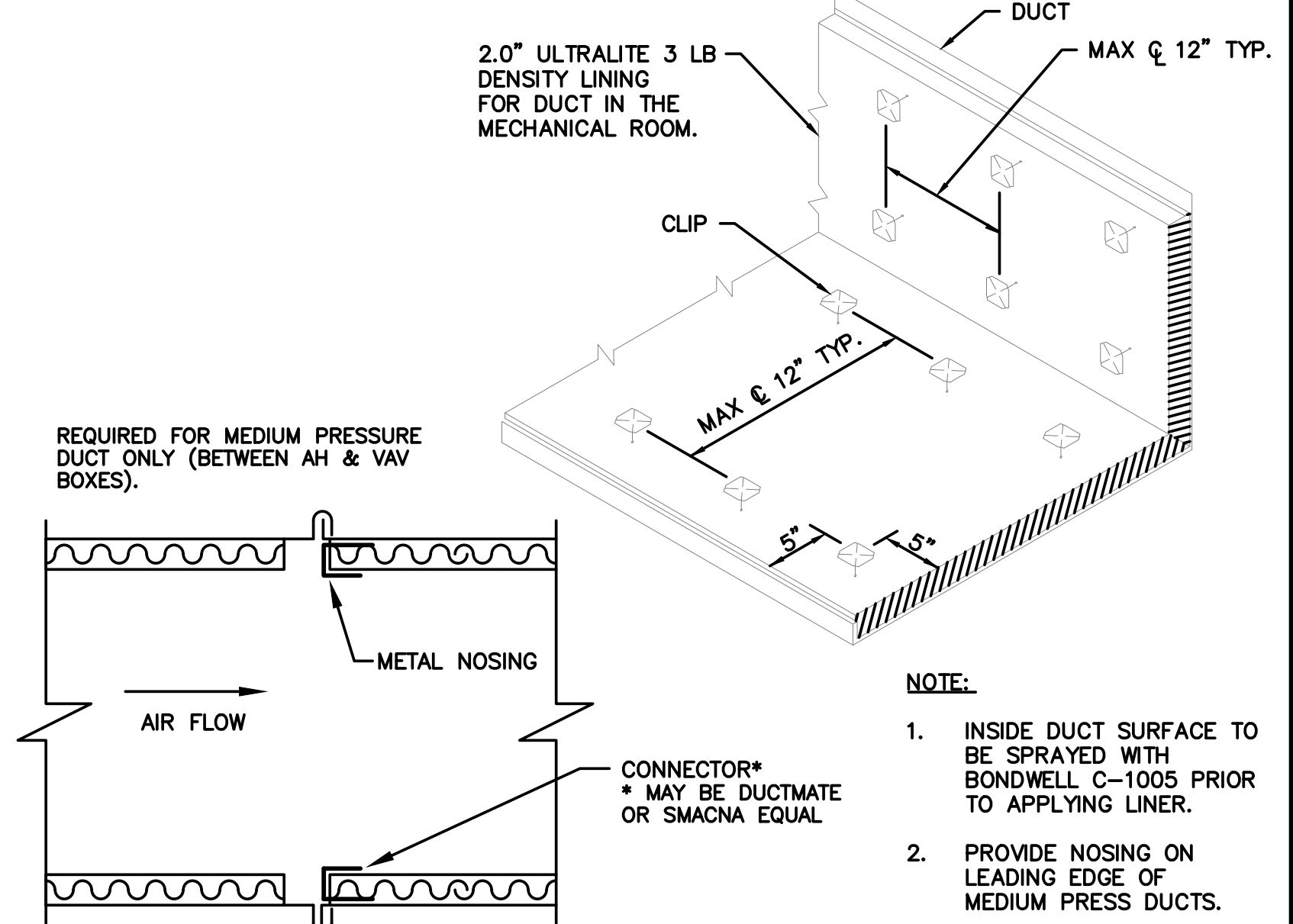
MECHANICAL SECOND FLOOR PLAN - SOUTH WING
SCALE 1/8" = 1'-0"



- RECTANGULAR DUCT DESIGN NOTES:**
- 144 LBS. HANGER LOAD @ 8'-0" O.C. SPACING.
 - 450 LBS. MAX ANGLE LOAD AT 3/8" DEFL.
 - 680 LBS. MAX ROD LOAD.
 - VALUES ARE WORST CASE SCENARIO.
 - HANGER IS NOT A SEISMIC BRACE. SEISMIC BRACING NOT REQUIRED PER CBC 1616A1.25 EXCEPTIONS 1.b AND 2.
 - MAXIMUM DUCT WEIGHT BASED ON 72"x18"x20GA. DUCT (14.9 #/FT) + 1" OF INSULATION WRAP @ 2.25#/CU. FT. (2.0#/FT) = 18 #/FT



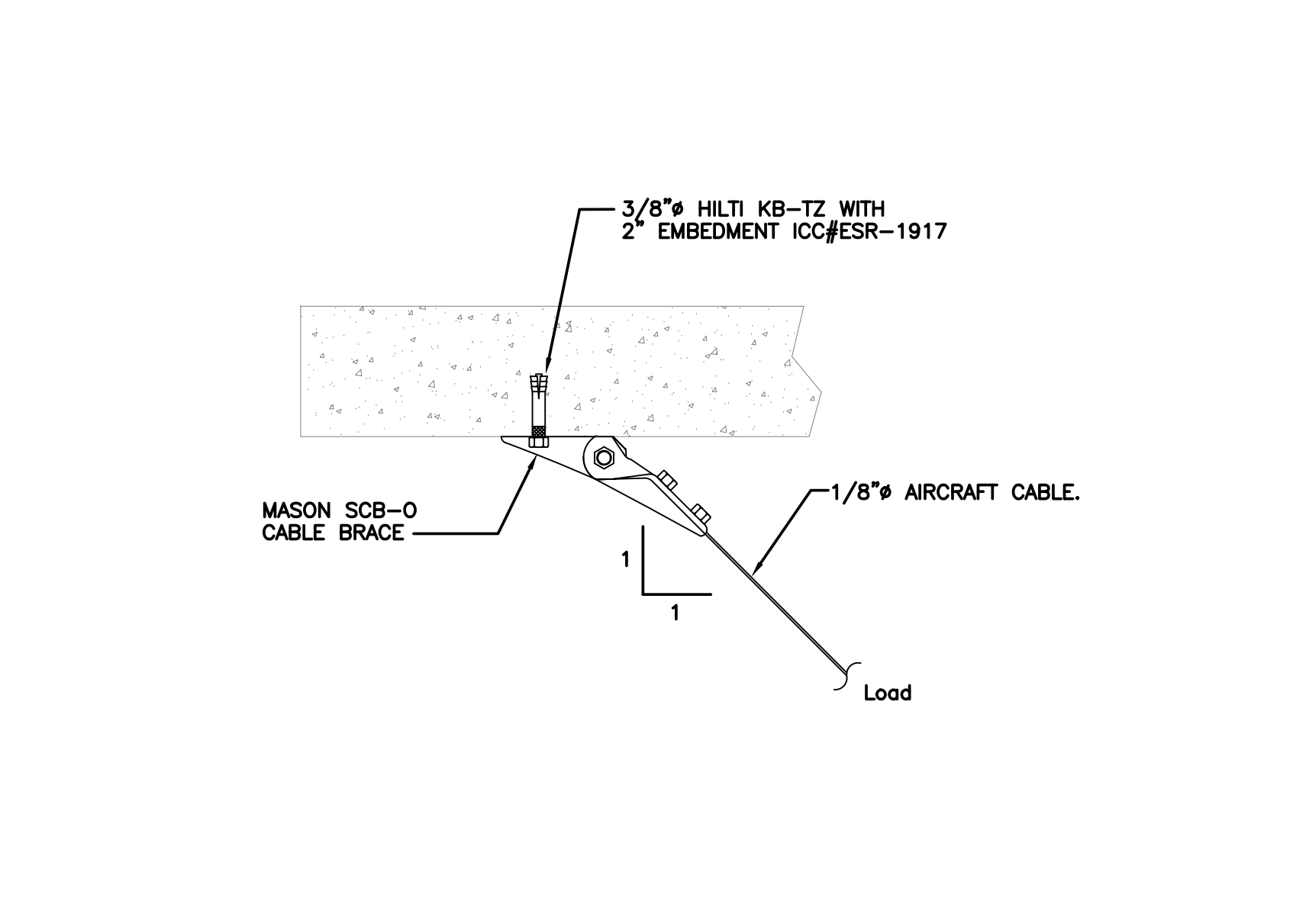
RECTANGULAR DUCT SUPPORT DETAIL



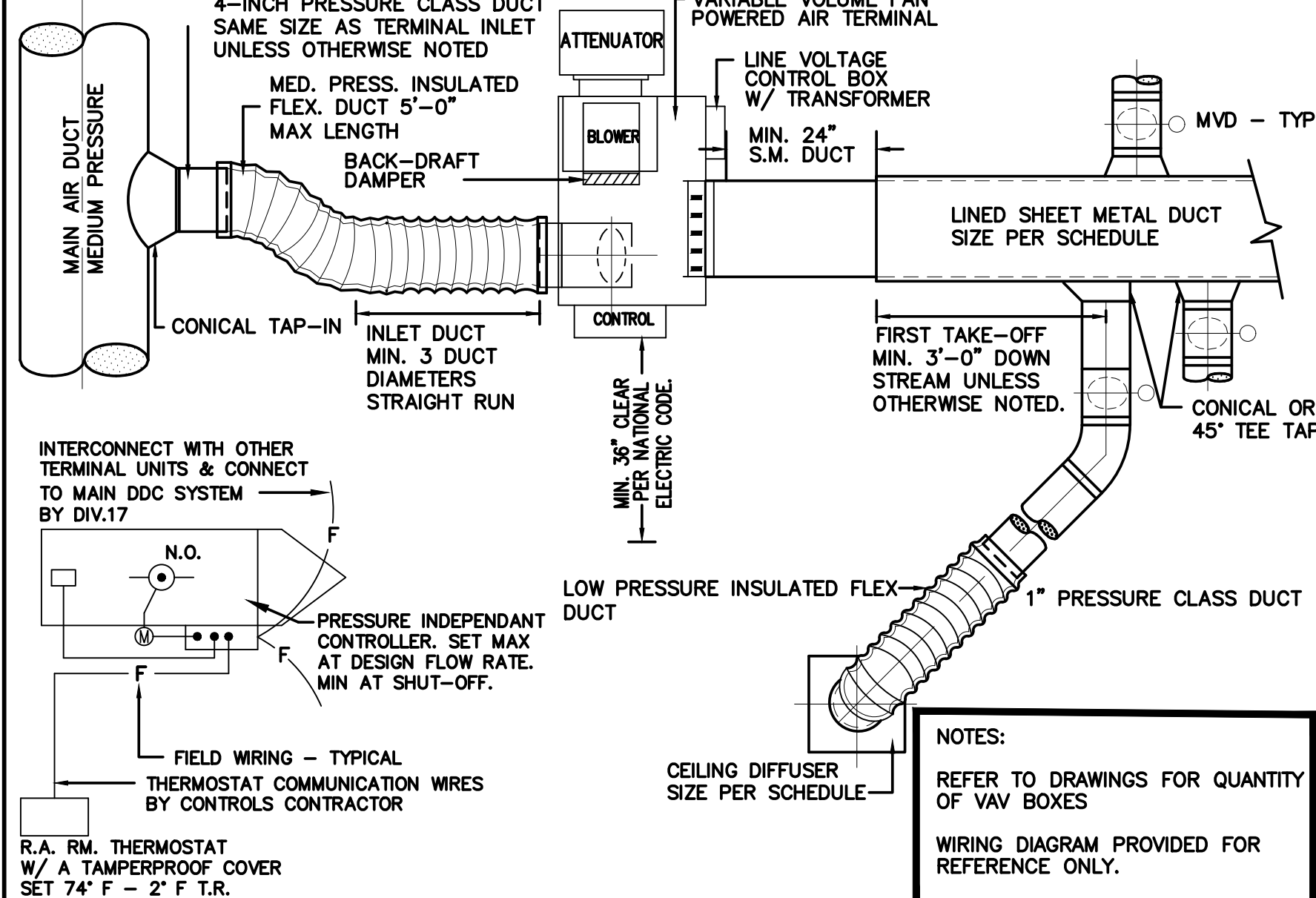
- NOTE:**
- INSIDE DUCT SURFACE TO BE SPRAYED WITH BONDWELL C-1005 PRIOR TO APPLYING LINER.
 - PROVIDE NOSING ON LEADING EDGE OF MEDIUM PRESS DUCTS.

RECTANGULAR DUCT HANGER DETAIL SCALE: NONE 15

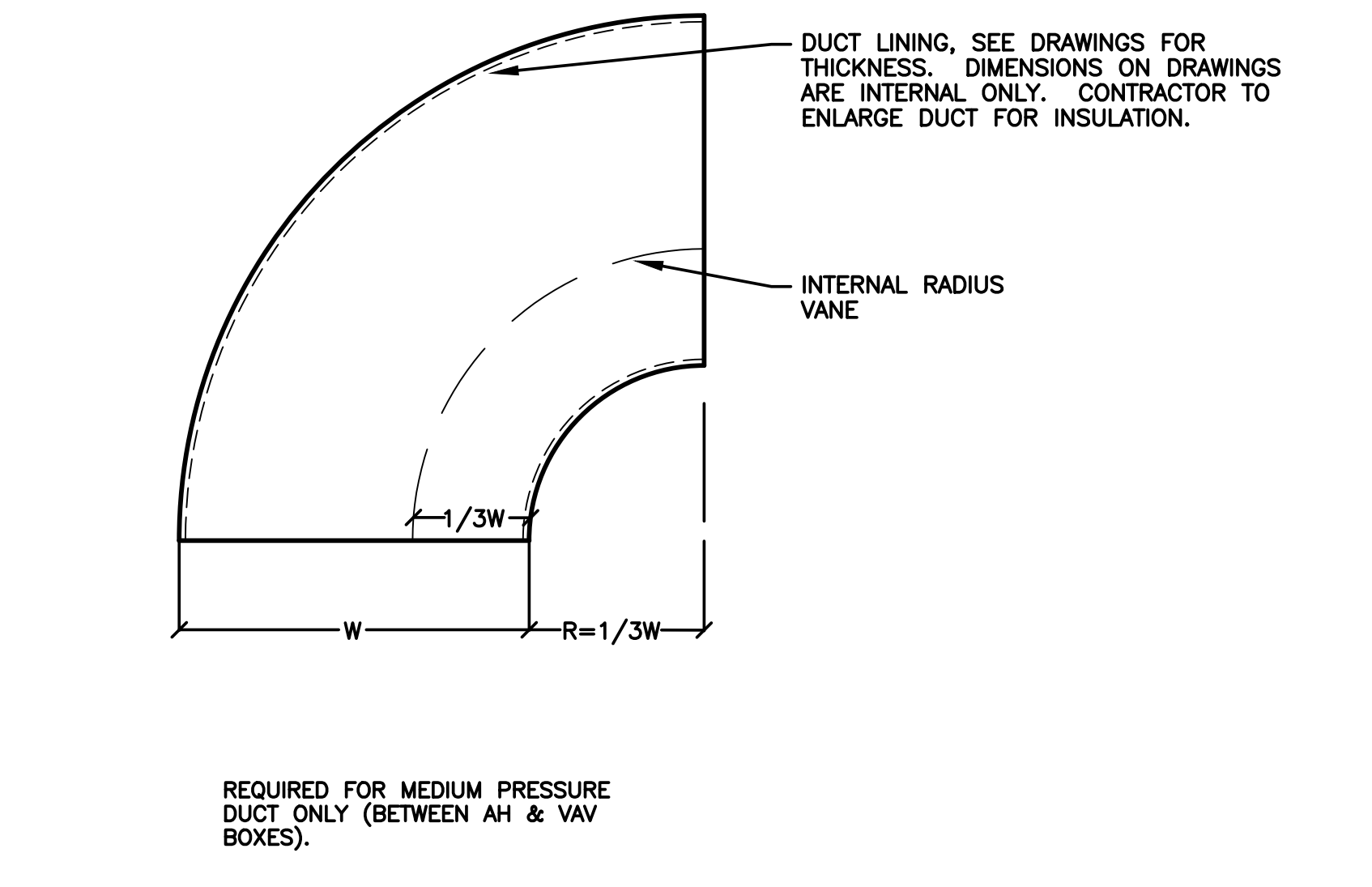
DUCT LINING AND NOSING DETAIL SCALE: NONE 12



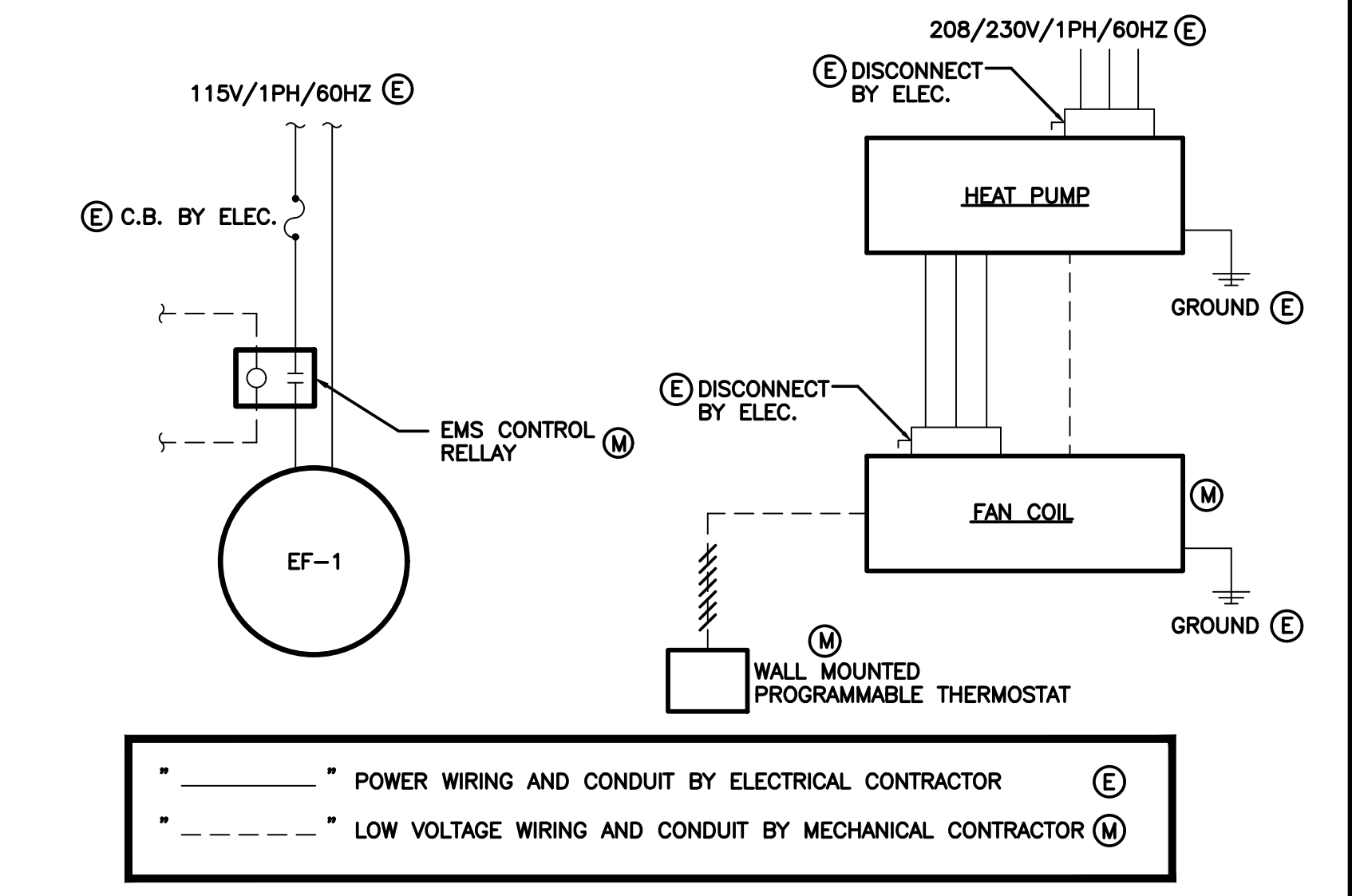
BRACE CONNECTION DETAIL SCALE: NONE 8



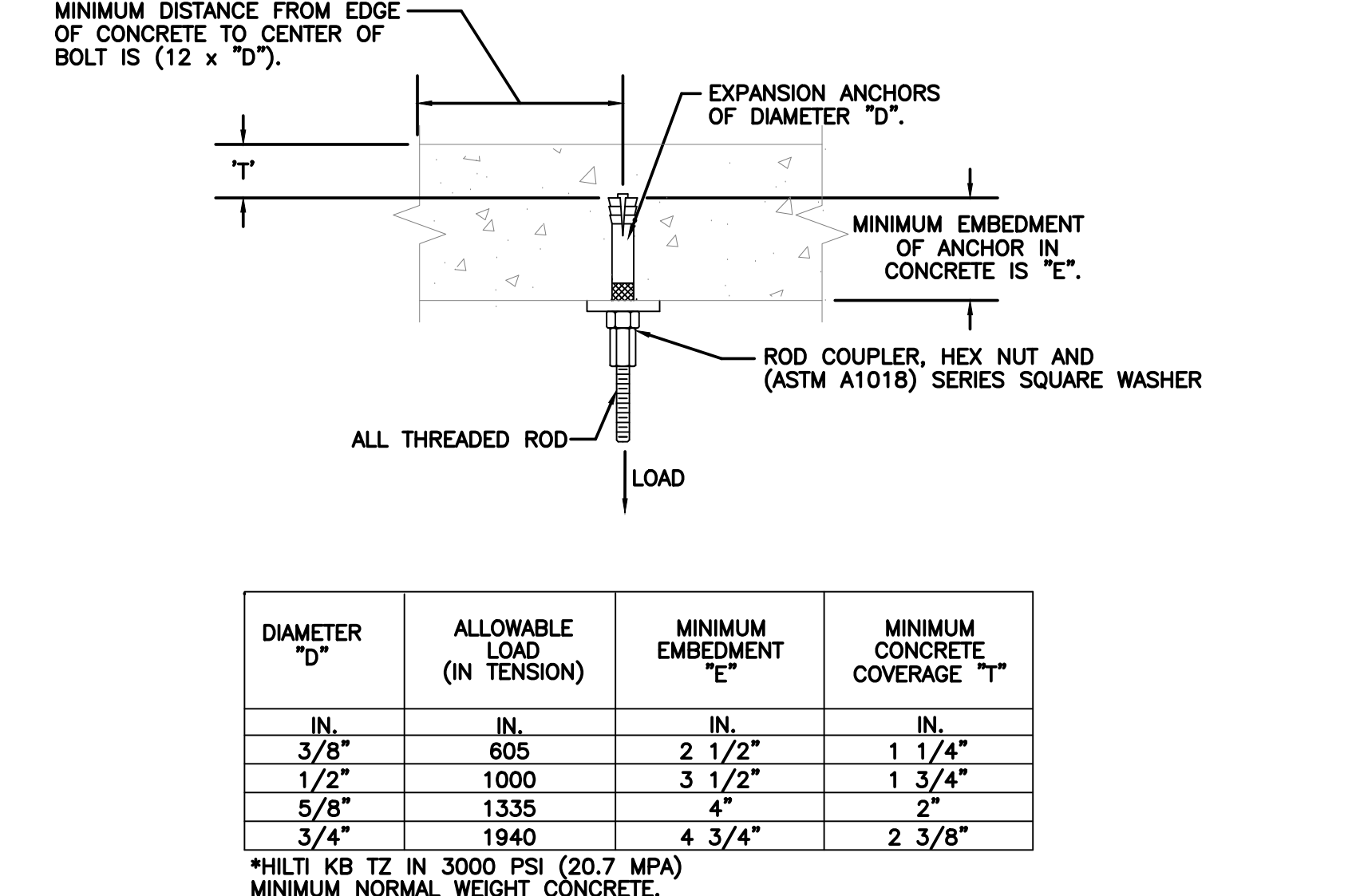
EXTERIOR ZONE VAV BOX DETAIL SCALE: NONE 4



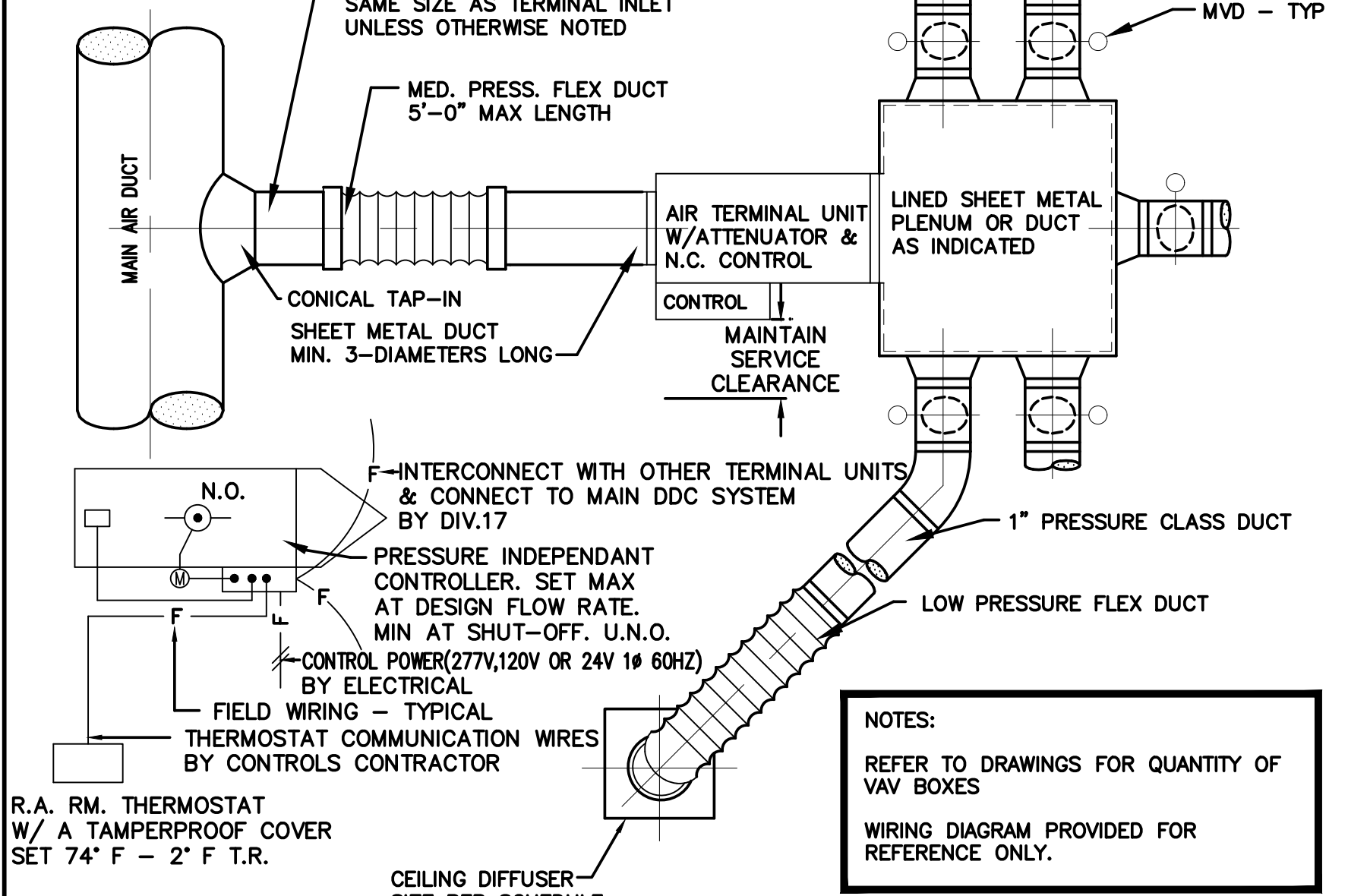
THIRD POINT RADIUS ELBOW SCALE: NONE 14



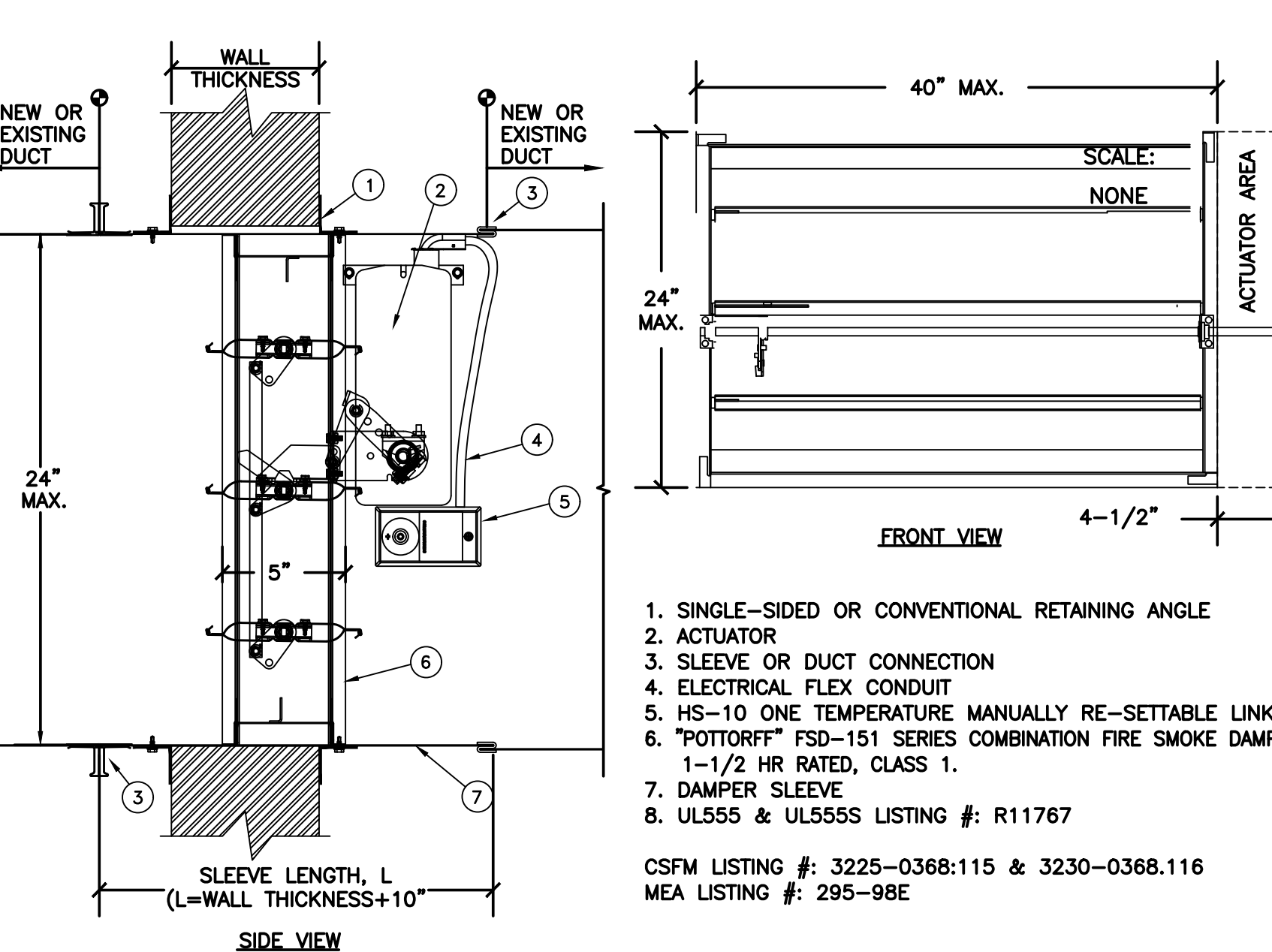
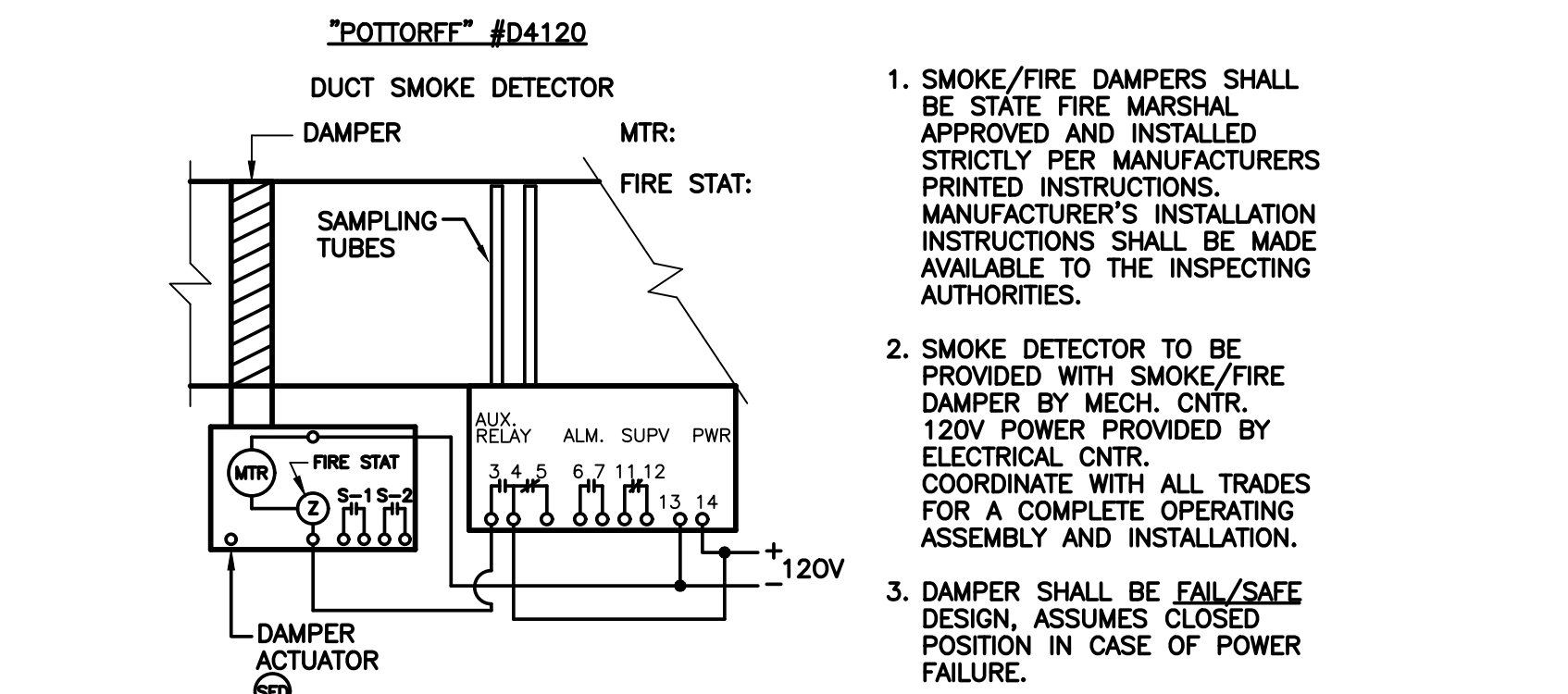
WIRING DIAGRAMS SCALE: NONE 11



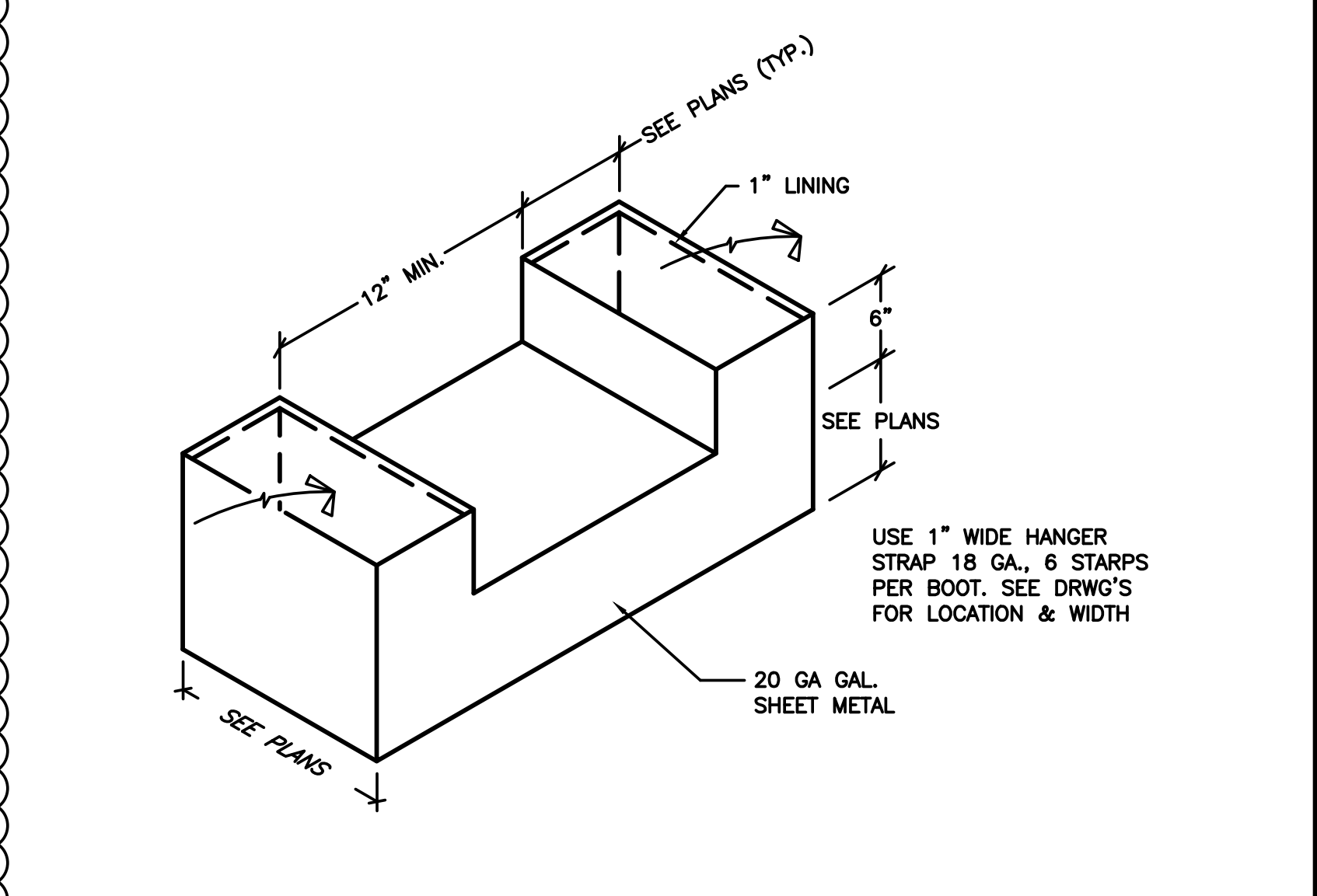
HANGER ANCHORING DETAIL SCALE: NONE 7



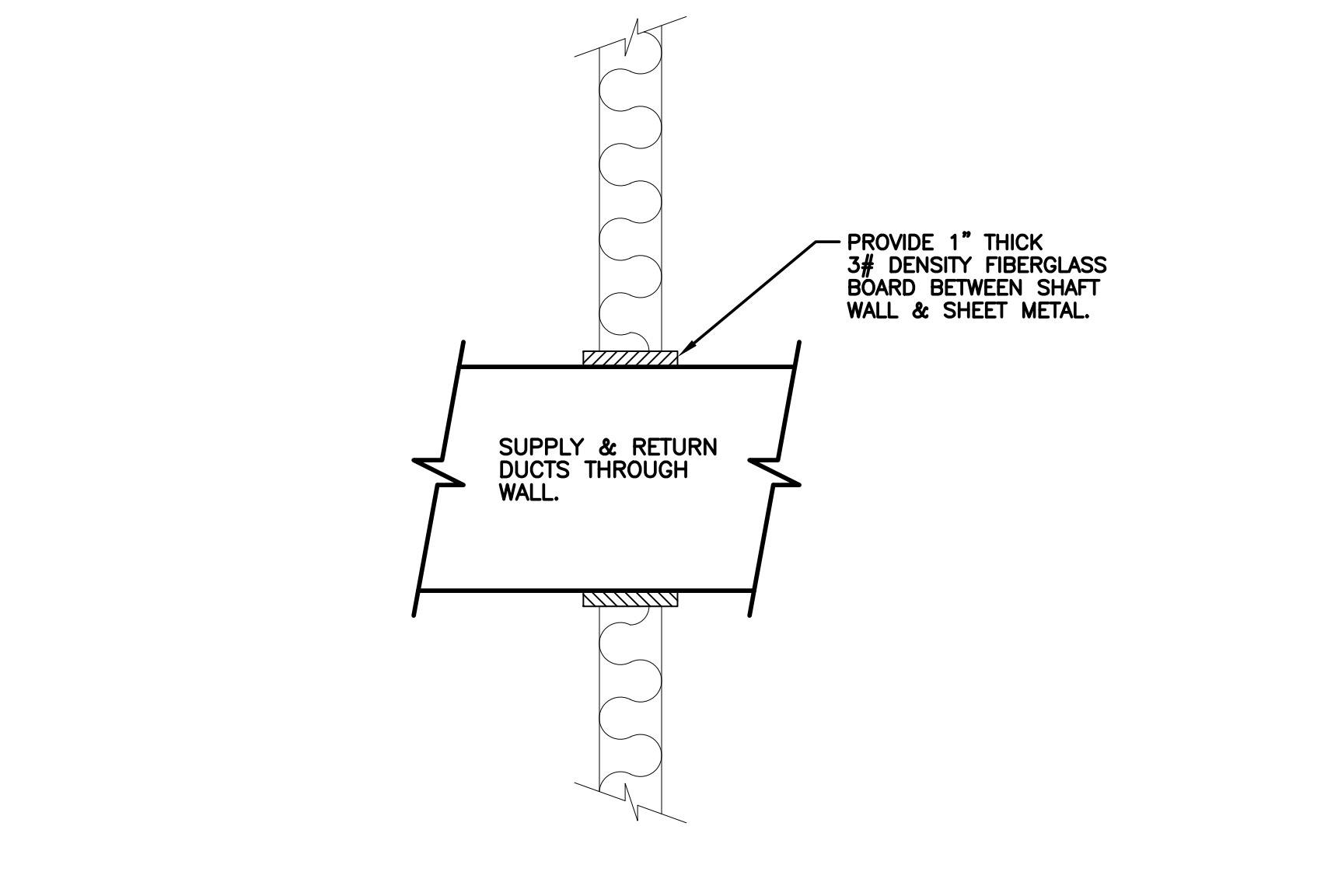
INTERIOR ZONE VAV BOX DETAIL SCALE: NONE 3



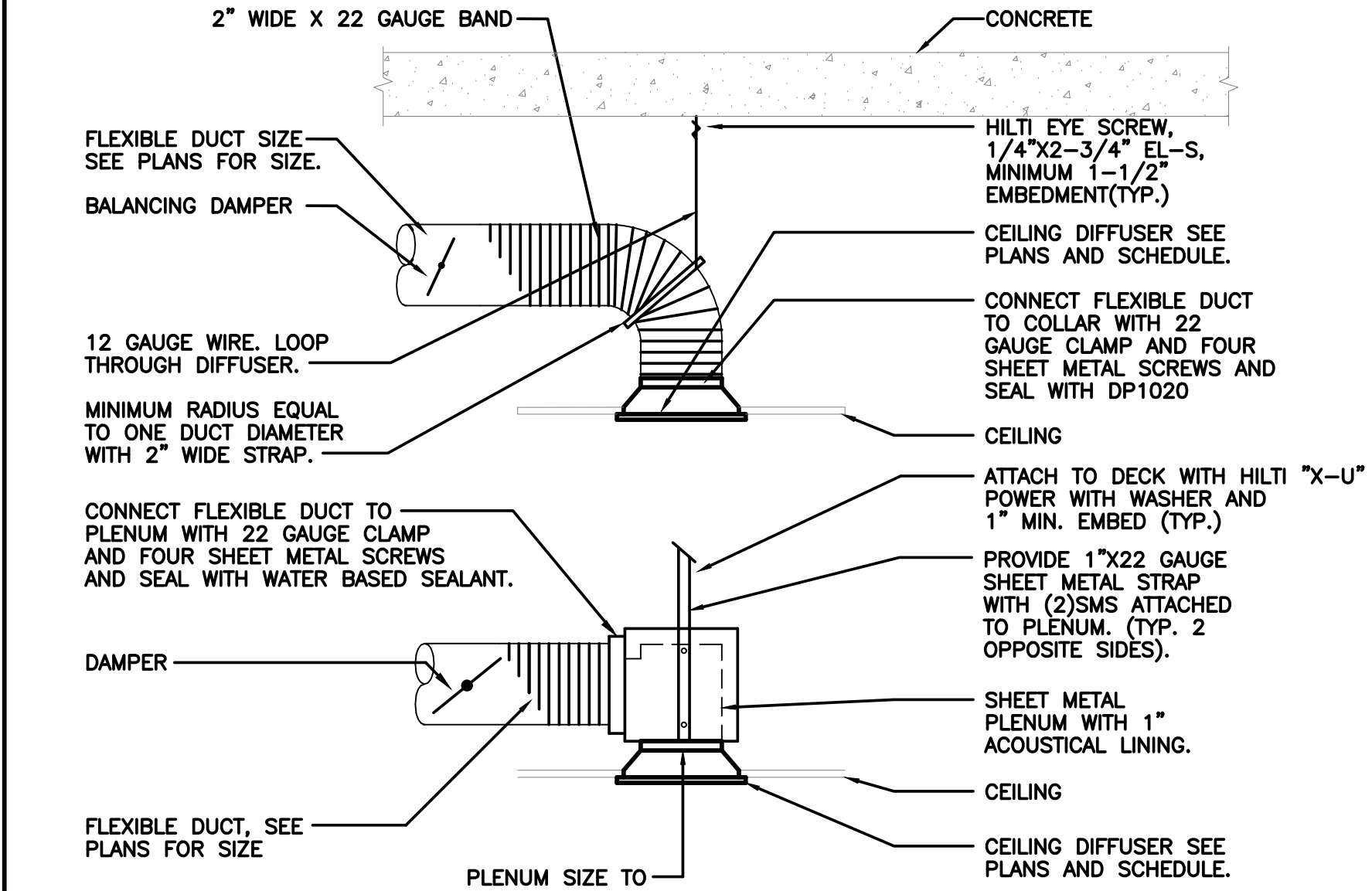
COMBINATION SMOKE/FIRE DAMPER DETAIL SCALE: NONE 13



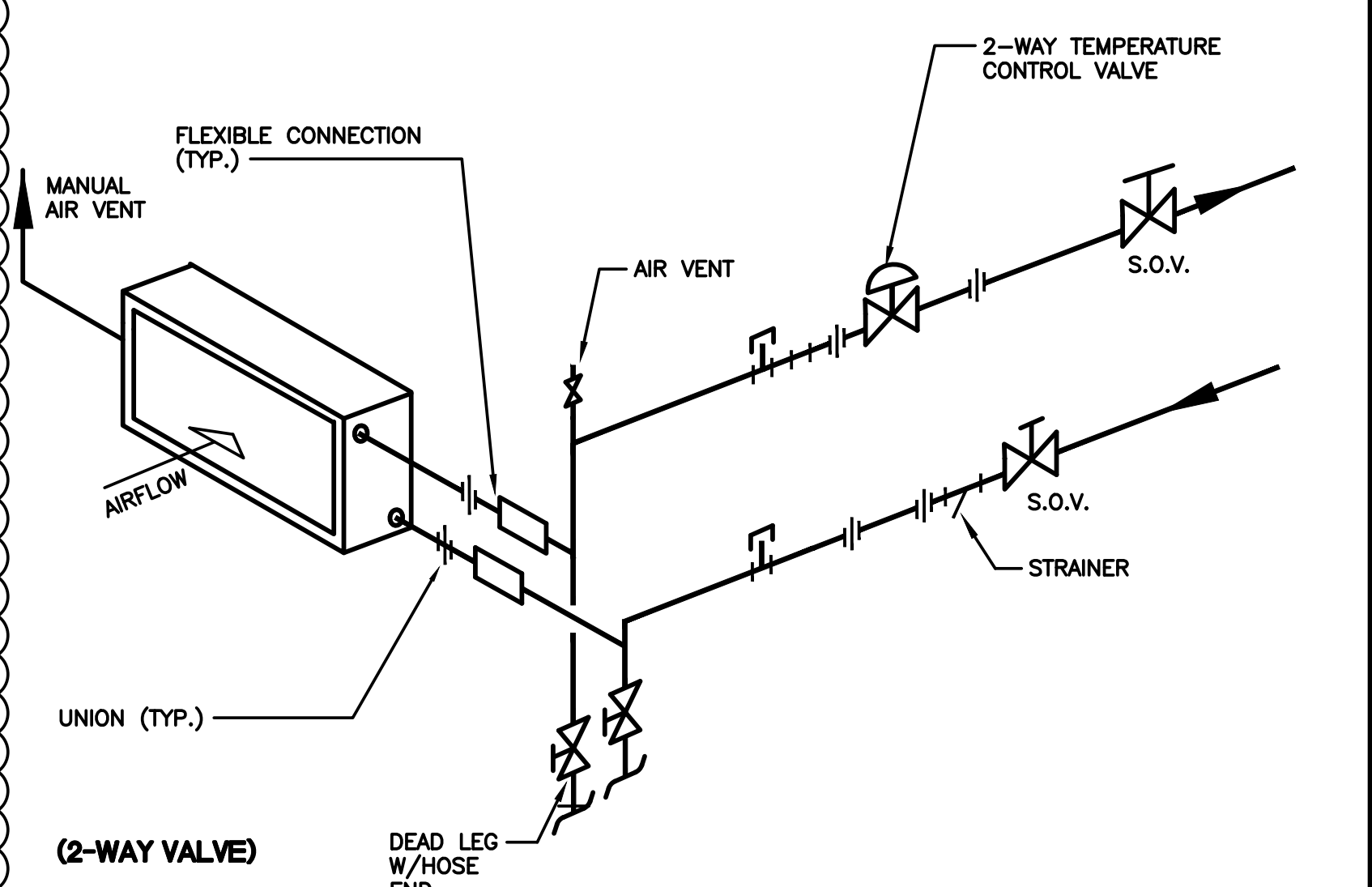
TRANSFER BOOT DETAIL SCALE: NONE 10



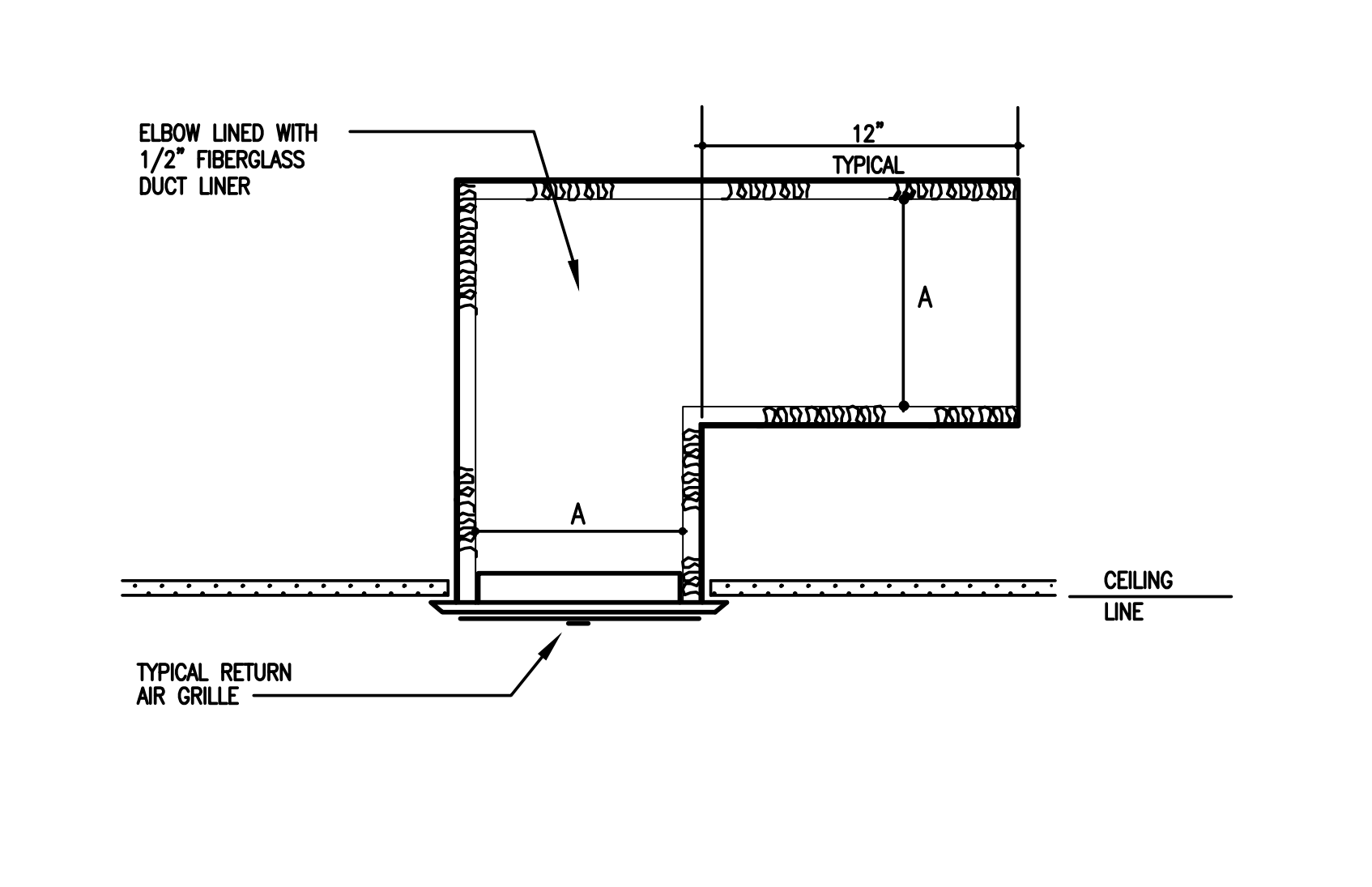
RETURN AIR BOOT DETAIL SCALE: NONE 5



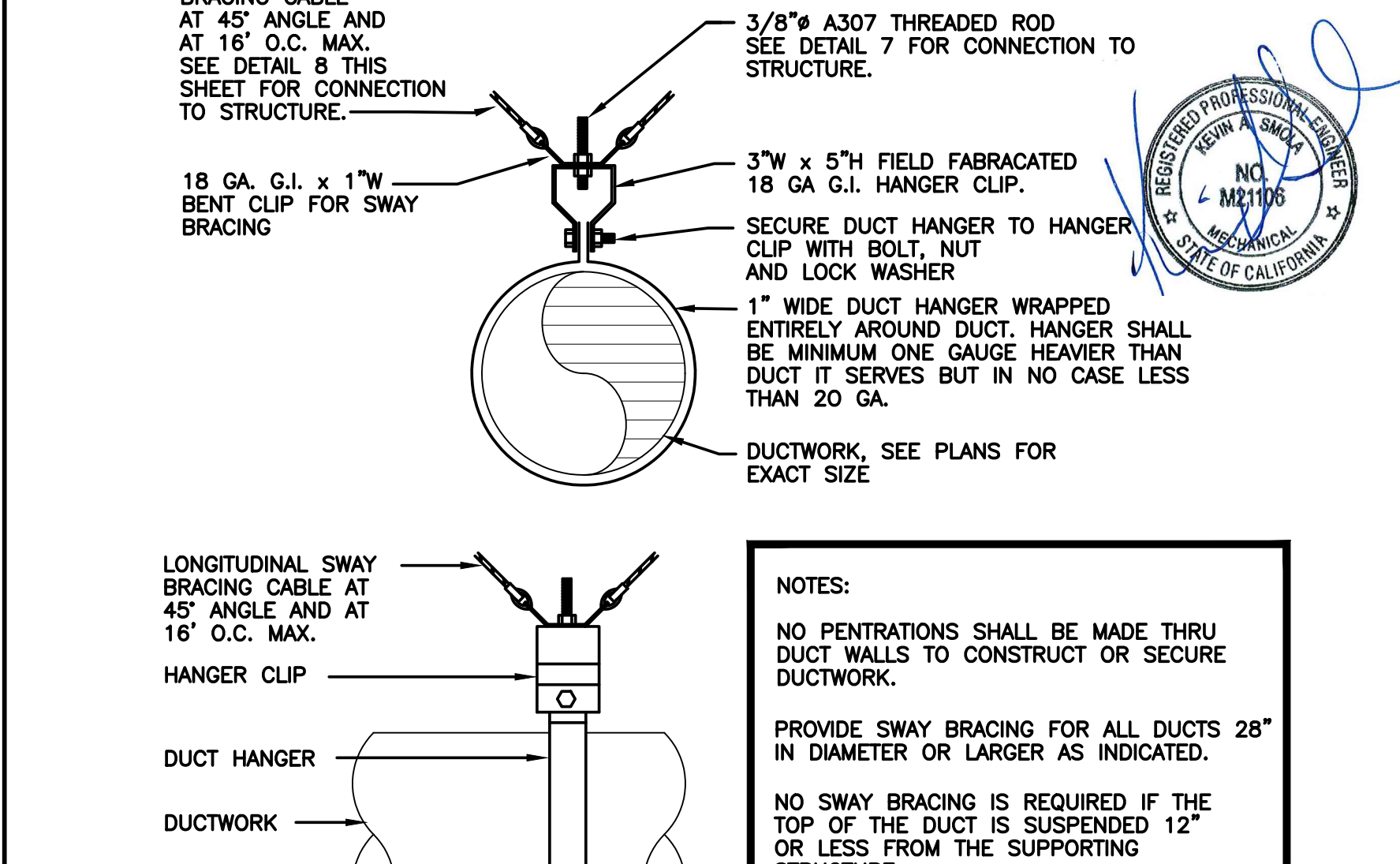
DIFFUSER DUCT CONNECTOR DETAIL SCALE: NONE 2



REHEAT COIL CONNECTION DETAIL SCALE: NONE 9



RETURN AIR BOOT DETAIL SCALE: NONE 5



ROUND DUCT HANGER DETAIL SCALE: NONE 1

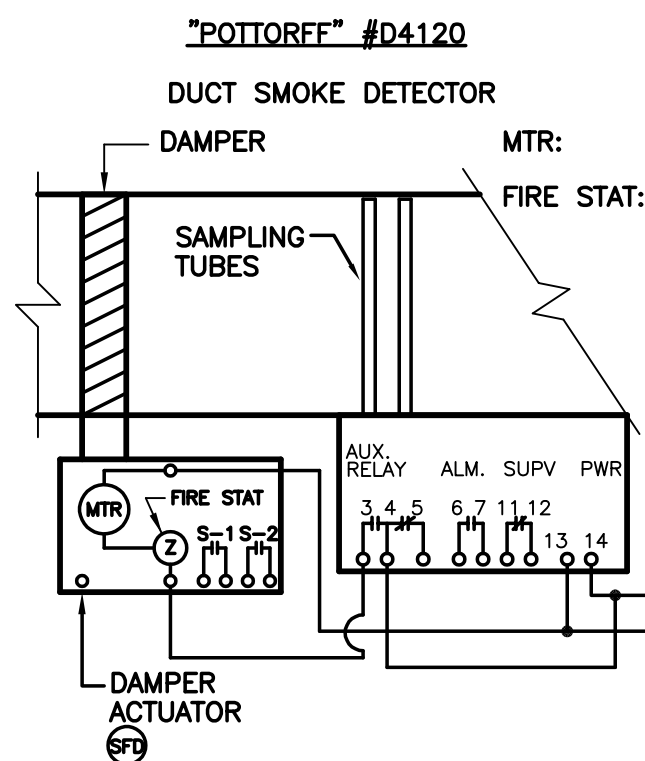
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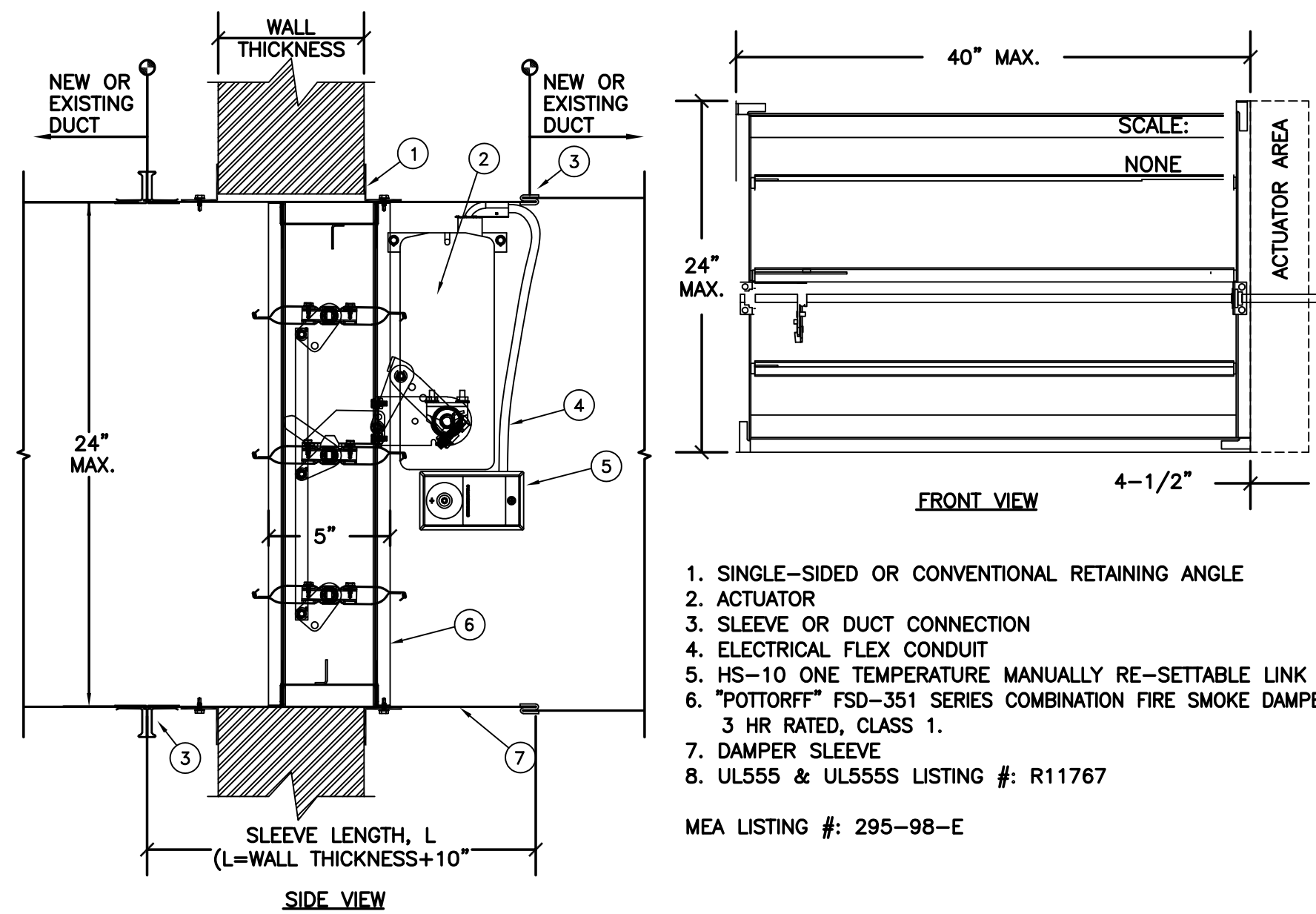
MECHANICAL DETAILS

drawn by: PG
project no: 400398
date: 4/3/20
scale: PS IS-PLUM

m3.0



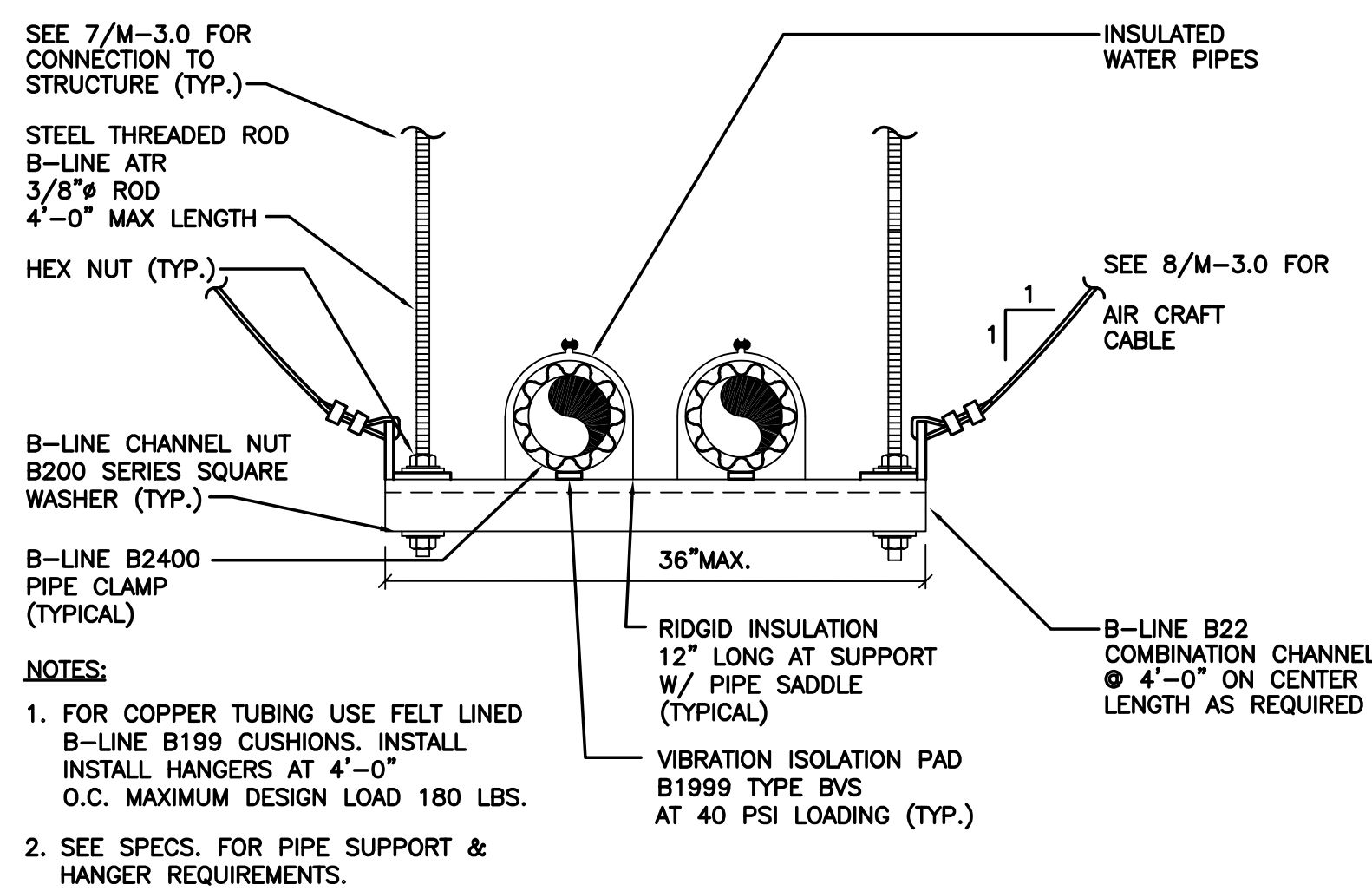
- SMOKE/FIRE DAMPERS SHALL BE STATE FIRE MARSHAL APPROVED AND INSTALLED STRICTLY PER MANUFACTURERS PRINTED INSTRUCTIONS. MANUFACTURER'S INSTALLATION INSTRUCTIONS SHALL BE MADE AVAILABLE TO THE INSPECTING AUTHORITIES.
- SMOKE DETECTOR TO BE PROVIDED WITH SMOKE/FIRE DAMPER BY MECH. CNTR. 120V POWER PROVIDED BY ELECTRICAL CNTR. COORDINATE WITH ALL TRADES FOR A COMPLETE OPERATING ASSEMBLY AND INSTALLATION.
- DAMPER SHALL BE FAIL/SAFE DESIGN, ASSUMES CLOSED POSITION IN CASE OF POWER FAILURE.



- SINGLE-SIDED OR CONVENTIONAL RETAINING ANGLE
 - ACTUATOR
 - SLEEVE OR DUCT CONNECTION
 - ELECTRICAL FLEX CONDUIT
 - HS-10 ONE TEMPERATURE MANUALLY RE-SETTABLE LINK
 - 'POTORFF' FSD-351 SERIES COMBINATION FIRE SMOKE DAMPER 3 HR RATED, CLASS 1.
 - DAMPER SLEEVE
 - UL555 & UL555S LISTING #: R11767
- MEA LISTING #: 295-98-E

COMBINATION SMOKE/FIRE DAMPER DETAIL (3-HR RATED)

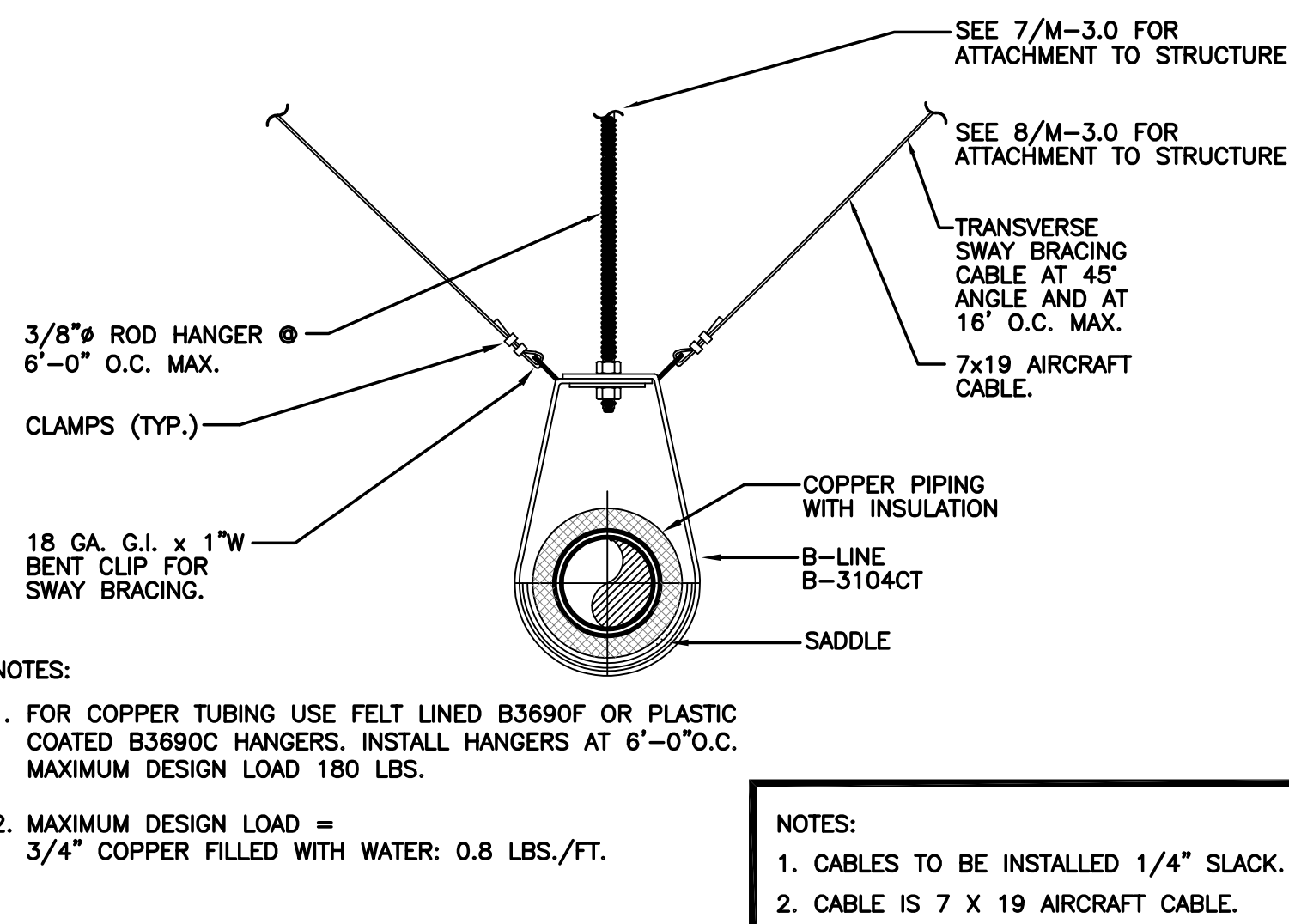
SCALE: NONE 5



- FOR COPPER TUBING USE FELT LINED B-LINE B199 CUSHIONS. INSTALL HANGERS AT 4'-0" O.C. MAXIMUM DESIGN LOAD 180 LBS.
- SEE SPECS. FOR PIPE SUPPORT & HANGER REQUIREMENTS.

NONE

SCALE: NONE 8



- FOR COPPER TUBING USE FELT LINED B3690F OR PLASTIC COATED B3690C HANGERS. INSTALL HANGERS AT 6'-0" O.C. MAXIMUM DESIGN LOAD 180 LBS.
- MAXIMUM DESIGN LOAD = 3/4" COPPER FILLED WITH WATER: 0.8 LBS./FT.

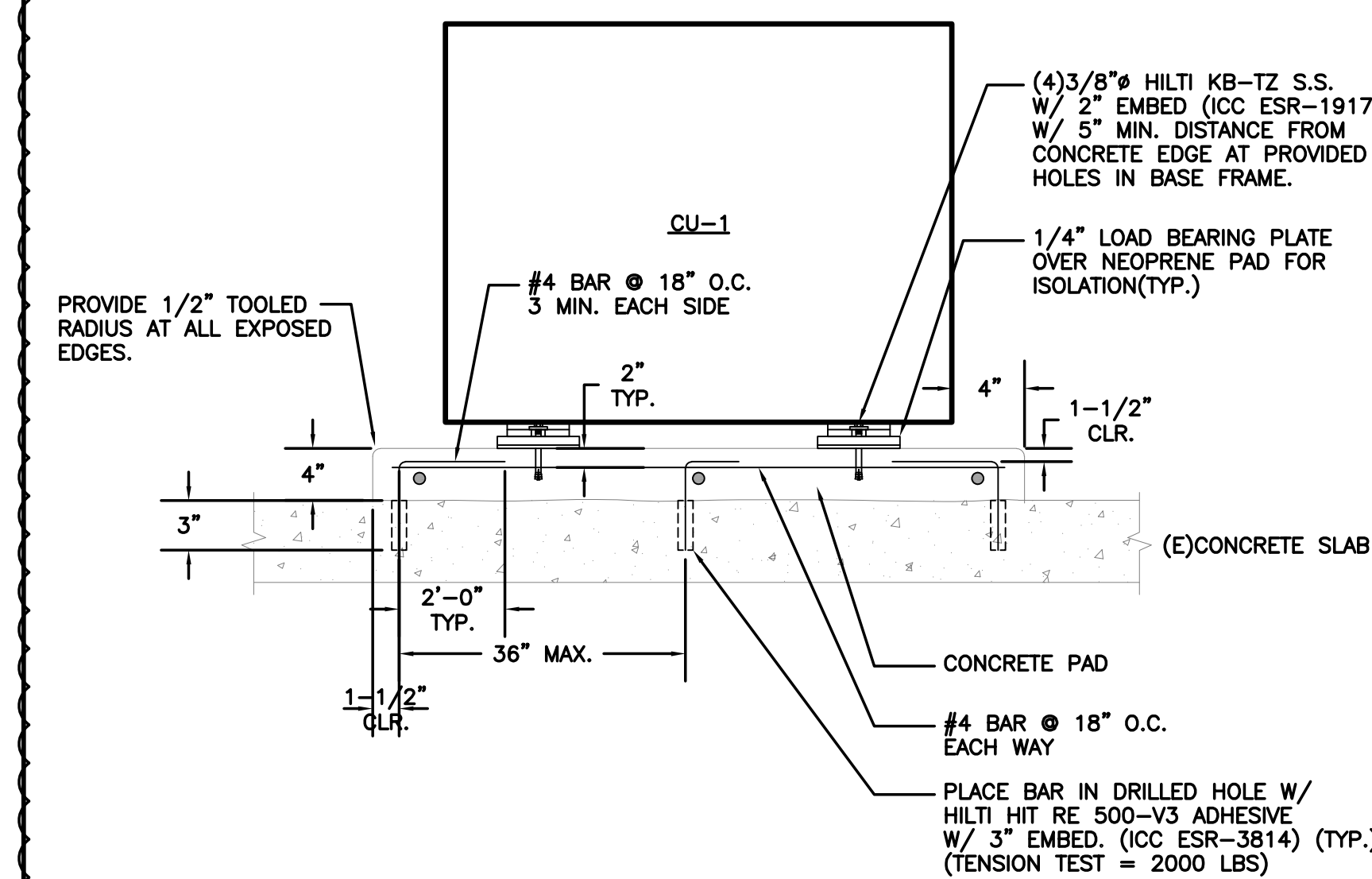
- CABLES TO BE INSTALLED 1/4" SLACK.
- CABLE IS 7 X 19 AIRCRAFT CABLE.

NONE

SCALE: NONE 7

PIPING HANGER DETAIL

SCALE: NONE 4



NONE

SCALE: NONE 6

CU-1 MOUNTING DETAIL

SCALE: NONE 3

NOTES:

3M FIRE BARRIER PRODUCTS: CALIFORNIA STATE FIRE MARSHALL LISTING NO. 4485-941100

UNINSULATED PIPE:

U.L. DESIGN NO. F-A-1057 (CONCRETE WALL OR FLOOR)
F RATING - 2HR
T RATING - 2HR

SPECIFICATIONS:

PENETRATIONS IN FIRE RESTRICTIVE WALLS, PARTITIONS AND FLOORS WHERE PROTECTED OPENINGS ARE REQUIRED SHALL BE FIRE STOPPED USING APPROVED MATERIALS, SECURELY INSTALLED AND CAPABLE OF MAINTAINING THEIR INTEGRITY AND PREVENTING THE MOVEMENT OF FLAMES AND/OR GASES THROUGH THE VOID SPACES BETWEEN PENETRATING MATERIALS AND WALLS, PARTITIONS AND FLOORS WHEN TESTED IN ACCORDANCE WITH ASTM STANDARD E-814 OR UL STANDARD 1479

PROVIDE DESIGN DETAILS ON DRAWINGS DEPICTING APPROVED (LISTED) METHODS AND MATERIALS USED TO PROTECT PENETRATIONS WALLS, PARTITIONS AND FLOORS.

DESIGNS ARE LISTED BY UNDERWRITER'S LABORATORIES (FIRE RESISTANCE DIRECTORY) AND THE CALIFORNIA STATE FIRE MARSHALL (BUILDING MATERIAL LISTINGS). SPECIFIC DESIGN INFORMATION IS AVAILABLE FROM U.L. CFSM OR THE PRODUCT MANUFACTURER.

FIRESTOP CONFIGURATION

- FLOOR ASSEMBLY - MIN 4-1/2 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE, AS AN ALTERNATE, ANY MIN 2 HR FIRE RATED 8700, D800 OR D900 SERIES FLOOR-CEILING DESIGN IN THE UL FIRE RESISTANCE DIRECTORY HAVING A MIN 2-1/2 IN. THICKNESS OF LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE TOPPING OVER THE STEEL DECK MAY BE USED. MAX DIAM OF OPENING IS 12-3/4 IN.

1A. STEEL SLEEVE - (OPTIONAL, NOT SHOWN) - NOM 12 IN. DIAM (OR SMALLER) SLEEVE FABRICATED FROM NOM 0.028 IN. THICK GALV STEEL CAST OR GROUTED INTO FLOOR ASSEMBLY FLUSH WITH FLOOR SURFACES.

- THROUGH-PENETRANTS - ONE METALLIC PIPE OR TUBING INSTALLED CONCENTRICALLY OR ECCENTRICALLY WITHIN OPENING. ANNULAR SPACE BETWEEN PENETRANT AND PERIPHERY OF OPENING SHALL BE MIN OF 0 IN. (POINT CONTACT) TO MAX 2 IN. PENETRANT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF PENETRANTS MAY BE USED:
 - STEEL PIPE - NOM 10 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
 - IRON PIPE - NOM 10 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
 - COPPER TUBING - NOM 4 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
 - COPPER PIPE - NOM 4 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
 - CONDUIT - NOM 6 IN. DIAM (OR SMALLER) STEEL CONDUIT OR NOM 4 IN. DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING.

- FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING.
 - PACKING MATERIAL - MIN 1 IN. (25 MM) THICKNESS OF MIN 4 PCF (64 KG/M3) MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
 - FILL, VOID OR CAVITY MATERIALS* - CAULK, SEALANT OR PUTTY - MIN 1 IN. THICKNESS OF CAULK OR PUTTY APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR. 3M COMPANY - CP 25WB+ CAULK, FB-3000 WT SEALANT OR MP+ PUTTY.
 - DUCT WRAP MATERIAL* - NOM 2 IN. THICK DUCT WRAP TIGHTLY WRAPPED AROUND PENETRANT TO EXTEND 36 IN. ABOVE FLOOR. AN ADDITIONAL LAYER OF NOM 2 IN. THICK DUCT WRAP TIGHTLY WRAPPED AROUND THE FIRST LAYER OF DUCT WRAP TO EXTEND 12 IN. ABOVE FLOOR. ALL LONGITUDINAL SEAMS OF BOTH LAYERS OF DUCT WRAP ARE SEALED WITH FOIL TAPE. 3M COMPANY - FIREBARRIER DUCT WRAP 20A, 3M FIREBARRIER DUCT WRAP 615, 3M FIREBARRIER DUCT WRAP 615+

*INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

PIPES THRU RATED FLOORS

SCALE: NONE 2

NOTES:

3M FIRE BARRIER PRODUCTS: CALIFORNIA STATE FIRE MARSHALL LISTING NO. 4485-941100

UNINSULATED PIPE:

U.L. DESIGN NO. WL1001 (STUD WALL)

INSULATED PIPE:

U.L. DESIGN NO. WL5001 (STUD WALL)

SPECIFICATIONS:

PENETRATIONS IN FIRE RESTRICTIVE WALLS, PARTITIONS AND FLOORS WHERE PROTECTED OPENINGS ARE REQUIRED SHALL BE FIRE STOPPED USING APPROVED MATERIALS, SECURELY INSTALLED AND CAPABLE OF MAINTAINING THEIR INTEGRITY AND PREVENTING THE MOVEMENT OF FLAMES AND/OR GASES THROUGH THE VOID SPACES BETWEEN PENETRATING MATERIALS AND WALLS, PARTITIONS AND FLOORS WHEN TESTED IN ACCORDANCE WITH ASTM STANDARD E-814 OR UL STANDARD 1479

PROVIDE DESIGN DETAILS ON DRAWINGS DEPICTING APPROVED (LISTED) METHODS AND MATERIALS USED TO PROTECT PENETRATIONS WALLS, PARTITIONS AND FLOORS.

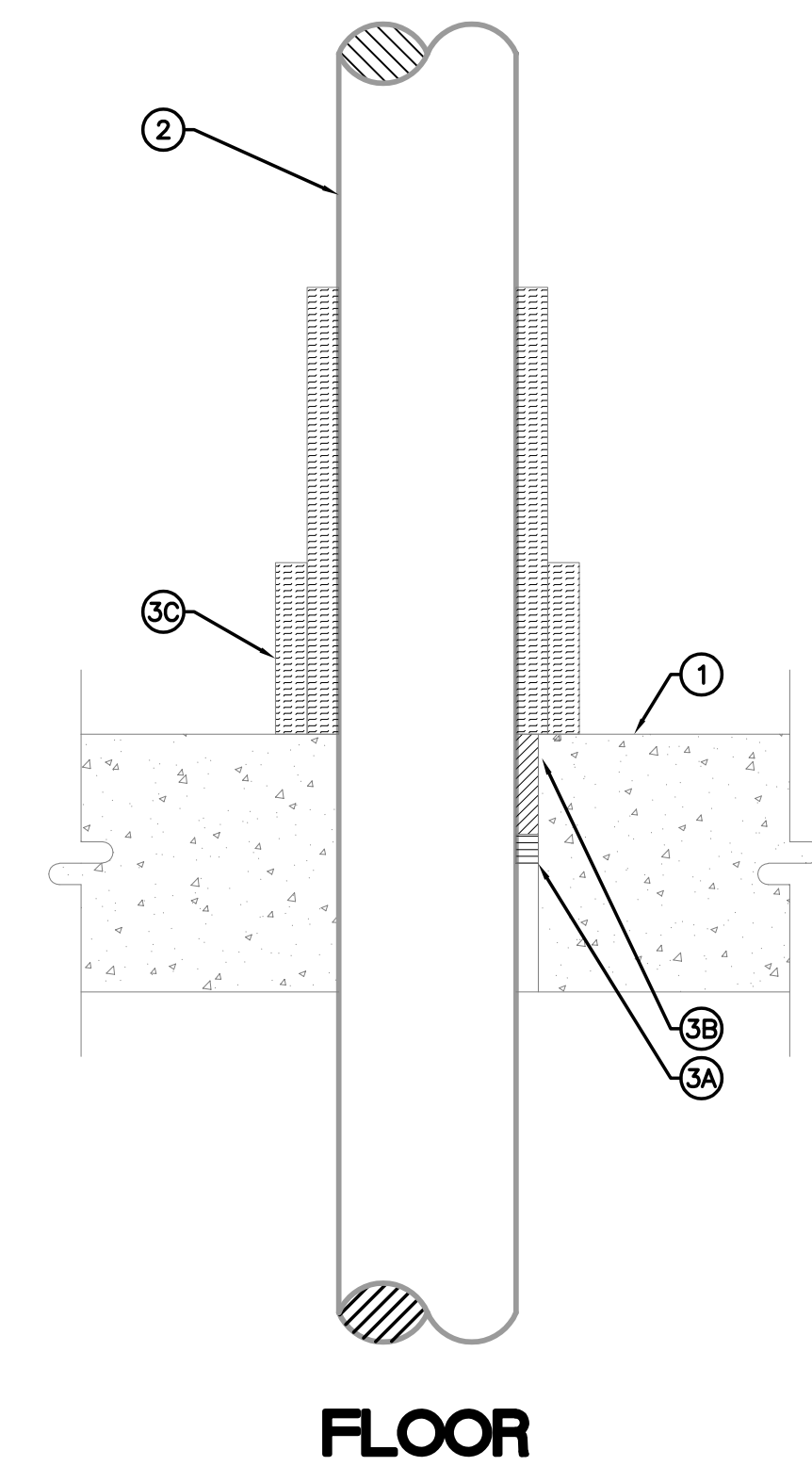
DESIGNS ARE LISTED BY UNDERWRITER'S LABORATORIES (FIRE RESISTANCE DIRECTORY) AND THE CALIFORNIA STATE FIRE MARSHALL (BUILDING MATERIAL LISTINGS). SPECIFIC DESIGN INFORMATION IS AVAILABLE FROM U.L. CFSM OR THE PRODUCT MANUFACTURER.

FIRESTOP CONFIGURATION

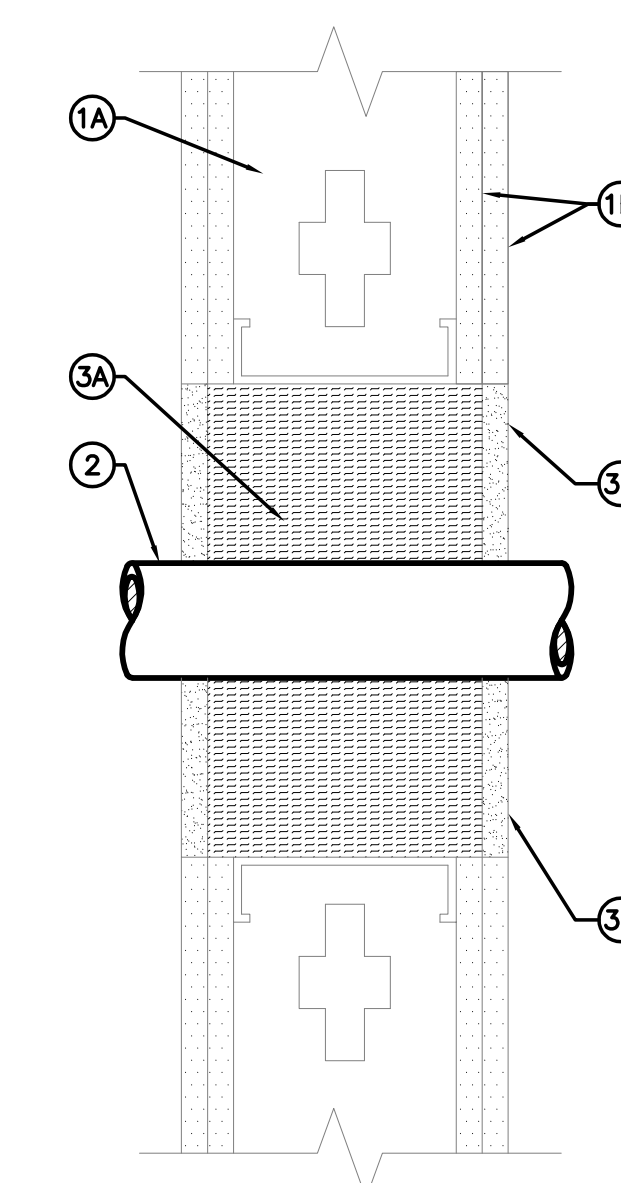
- WALL ASSEMBLY - THE 1 OR 2 HOUR FIRE-RATED GYPSUM WALLBOARD/ STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL US300 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
 - STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4" LUMBER SPACED 16" OC. STEEL STUDS TO BE MIN 3-1/2" WIDE AND SPACED MAX 24" OC FOR 1 HOUR RATED WALLS. STEEL STUDS TO BE MIN. 2-1/2" WIDE AND SPACED MAX 24" OC FOR 2 HOUR RATED WALLS.
 - GYPSUM BOARD - ONE OR TWO LAYERS OF NOM 5/8" THICK GYPSUM WALLBOARD, AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX AREA OF OPENING IS 585 SQ. IN. WITH MAX DIMENSIONS OF 21" WIDE BY 27-7/8" HIGH. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY RATING OF THE WALL.

- THROUGH-PENETRANTS - METALLIC PIPE, CONDUIT OR TUBING INSTALLED WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY. THE FOLLOWING TYPES OF PIPE, CONDUIT OR TUBING MAY BE USED.
 - STEEL PIPE - NOM 4" IN DIAMETER (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.
 - COPPER TUBING - NOM 3" IN DIAMETER (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
 - COPPER PIPE - NOM 3" IN DIAMETER (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
 - CONDUIT - NOM 4" IN DIAMETER (OR SMALLER) ELECTRICAL METALLIC TUBING (EMT) OR STEEL CONDUIT.

- FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING.
 - PACKING MATERIAL - MIN. 4" THICKNESS OF MIN. 4 PCF MINERAL WOOL BATT INSULATION PACKED AT 50 PERCENT COMPRESSION INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
 - FILL, VOID OR CAVITY MATERIAL - SEALANT - MIN 3/8" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULAR SPACE BETWEEN THE PIPE COVERING AND THE PERIPHERY OF THE OPENING, FLUSH WITH BOTH SURFACES OF WALL. 3M COMPANY - FB-1000 NS OR FB-3000 WT.



FLOOR



WALL

PIPES THRU RATED WALLS

SCALE: NONE 1

Δ	remarks	date
	PLAN CHECK SUBMIT	12/19/19
	BID ISSUE	2/24/20
	BACK CHECK 1	4/3/20

MECHANICAL DETAILS

drawn by	FC
project no	43038
date	4/3/20
scale	RS IS PLAN

SYMBOLS/ABBREVIATIONS/DEFINITIONS

SYMBOL	ABBREV.	DEFINITION
DEMOLISH	DEMOLISH	DEMOLISH
ICW	ICW	INDUSTRIAL COLD WATER
CW	CW	COLD WATER
HW	HW	HOT WATER
HW/R	HW/R	HOT WATER RETURN
S (OR) W	S (OR) W	SEWER OR WASTE ABOVE GRADE
S (OR) W	S (OR) W	SEWER OR WASTE BELOW GRADE
V	V	VENT
D	D	INDIRECT DRAIN
SD	SD	STORM DRAIN ABOVE GRADE
SD	SD	STORM DRAIN BELOW GRADE
G	G	GAS - LOW PRESSURE
MG	MG	GAS - MEDIUM PRESSURE
N2	N2	NITROGEN
CA	CA	COMPRESSED AIR
D	D	DEIONIZATION
O2	O2	OXYGEN
VAC	VAC	VACUUM
F	F	FIRE PROTECTION SUPPLY
CSP	CSP	COMBINATION STANDPIPE
AS	AS	AUTOMATIC FIRE SPRINKLERS
SPD	SPD	SUMP PUMP DISCHARGE
SED	SED	SEWAGE EJECTOR DISCHARGE
FOS	FOS	FUEL OIL SUPPLY
FOR	FOR	FUEL OIL RETURN
FOV	FOV	FUEL OIL VENT
GV	GV	GATE VALVE
GLV	GLV	GLOBE VALVE
BLV	BLV	BALL VALVE
ANV	ANV	ANGLE VALVE
CV	CV	SWING CHECK VALVE
NCV	NCV	NON-SLAM CHECK VALVE
BC	BC	BALANCING COCK
PRV	PRV	PRESSURE REDUCING VALVE
PTR	PTR	PRESSURE-TEMPERATURE RELIEF VALVE
BFP	BFP	BACKFLOW PREVENTER
GC	GC	GAS COCK, GAS STOP
FHV	FHV	FIRE HOSE VALVE
FHC	FHC	FIRE HOSE CABINET (SURFACE MOUNTED)
FHC	FHC	FIRE HOSE CABINET (RECESSED)
FS	FS	FLOW SWITCH
PS	PS	PRESSURE SWITCH
DN	DN	RISER DOWN
DN	DN	RISER UP
OR	OR	ORISE OR DROP
OR	OR	VALVE IN RISER
W	W	WALL CLEANOUT
CO	CO	CLEANOUT PLUG
CO	CO	FLOOR CLEANOUT, CLEANOUT TO GRADE
CAF	CAF	CAP OR PLUG ON END OF PIPE
HOSE	HOSE	HOSE BIBB
WHA	WHA	WATER HAMMER ARRESTOR
RO	RO	REVERSE OSMOSIS WATER
POC	POC	POINT OF CONNECTION
4	4	DETAIL TOP - I.D. NUMBER
P1.01	P1.01	REFERENCE BOTTOM - SHEET NUMBER
IE	IE	INVERT ELEVATION
HDR	HDR	HEADER
FU	FU	PLUMBING FIXTURE UNIT
SPO	SPO	SOIL PLUMBING OUTLET
VCO	VCO	VENT CAPPED OUTLET
FPC	FPC	FIRE PROTECTION OUTLET
SCW	SCW	SOFT COLD WATER

ABBREV/DEFINITIONS

ABBREV.	DEFINITION
A	AIR
ABV	ABOVE
AD	ACCESS DOOR
AP	ACCESS PANEL
ARCH	ARCHITECT
AW	ACID WASTE
BL	BELOW
BLDG	BUILDING
BKH	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
C	COLD AIR
CA	COMPRESSED AIR
CD	CONDENSATE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CI	CAST IRON
CLG	CEILING
CL	CENTER LINE
COMP	COMPRESSOR
CONC	CONCRETE
CONT	CONTINUATION
DET	DETAIL
DI	DEIONIZATION
DIA	DIAMETER
DN	DOWN
DR	DRAIN
DRWG	DRAWING
DSP	DRY STANDPIPE
EL	ELEVATION
ENCL	ENCLOSURE
EQUIP	EQUIPMENT
EXH	EXHAUST
EXIST	EXISTING
FD	FIRE DAMPER
FG	FLOOR GRILLE
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FF	FINS PER FOOT
FSP	FIRE SERVICE PIPE
FS	FLOOR SINK
G	GAS
GALV	GALVANIZED
GR	GALLONS PER MINUTE
GR	GRADE
H	HOT AIR
IE	INVERT ELEVATION
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MIN	MINIMUM
MECH	MECHANICAL
N2	NITROGEN
NC	NORMALLY CLOSED
NC	NOT IN CONTRACT
NO	NORMALLY OPEN
OPNG	OPENING
OX	OXYGEN
FA	FRESH AIR
PD	PLANTER DRAIN
PLBG	PLUMBING
POC	POINT OF CONNECTION
RD	ROOF DRAIN
SCR	SCREEN
SCW	SOFT COLD WATER
SD	STORM DRAIN
SM	SHEET METAL
TEMP	TEMPERATURE
TP	TRAP PRIMER
TP	TYPICAL
TW	TEMPERED WATER
VAC	VACUUM
VD	VOLUME DAMPER
VTR	VENT THROUGH ROOF
WSP	WET STANDPIPE

GENERAL NOTES

- ALL WORK SHALL BE IN STRICT ACCORDANCE WITH ALL CALIFORNIA STATE, LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
- BEFORE STARTING ANY WORK, VERIFY THE ADEQUACY, LOCATION OF UTILITIES AT POINTS OF CONNECTION, SIZE AND AVAILABILITY OF ALL UTILITIES CONCERNED, INCLUDING SEWER INVERT ELEVATIONS AND WATER PRESSURE BEFORE START OF ANY WORK. CONTRACTOR IS TO OBTAIN THE SERVICES OF A PIPE LOCATION COMPANY TO VERIFY ANY PIPE LOCATIONS FOR CONNECTIONS TO BE MADE.
- THE WORK FOR THIS PROJECT INVOLVES ADDITIONS TO AND ALTERATIONS OF THE EXISTING BUILDING TO ACHIEVE THE ARRANGEMENT INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL VISIT THE JOBSITE TO DETERMINE THE EXTENT OF WORK REQUIRED BY THE CONSTRUCTION ACTIVITIES. THE ARCHITECTURAL DRAWINGS FOR THESE AREAS SHOW THE CHANGES TO BE MADE. THE CONTRACTOR SHALL REVISE, REARRANGE, RE-ROUTE OR REMOVE EXISTING PIPING AS INDICATED TO ACCOMMODATE THE CHANGES AND ADDITION SHOWN TO PROVIDE CONTINUING SERVICE FOR THOSE EXISTING PORTIONS OF THE PROJECT WHICH ARE TO REMAIN IN OPERATIONS.
- ALL WORK THAT INVOLVES A SHUT-DOWN OF EXISTING BUILDING UTILITIES OR PORTIONS THEREOF, SHALL BE DONE AT SUCH TIMES AS WILL CAUSE THE LEAST INCONVENIENCE TO THE BUILDING'S ACTIVITIES, OR AT THE APPROVAL OF THE ARCHITECT. THE EXACT TIME AND LENGTH OF SHUT-DOWN SHALL BE ARRANGED WITH THE ARCHITECT OR THE BUILDING ENGINEER AT LEAST SEVEN (7) DAYS BUT NOT MORE THAN THIRTY FIVE (35) DAYS IN ADVANCE OF THE REQUIRED SHUT-DOWN.
- DRAWINGS INDICATE SIZE AND TERMINATION OF PIPING AND SUGGEST PROPER ROUTES OF PIPING TO CONFORM TO THE STRUCTURE TO AVOID OBSTRUCTION AND TO PRESERVE CLEARANCE. IT IS NOT THE INTENTION TO INDICATE ALL NECESSARY OFFSETS AND IT SHALL BE THE RESPONSIBILITY UNDER THIS SECTION TO INSTALL PIPING IN SUCH A MANNER AS TO CONFORM TO STRUCTURE, AVOID OBSTRUCTIONS, PRESERVE HEADROOM, KEEP OPENINGS AND PASSAGEWAYS CLEAR AND MAKE ALL EQUIPMENT REQUIRING INSPECTION, MAINTENANCE AND REPAIR ACCESSIBLE WITH OUT FURTHER INSPECTIONS OR EXTRA COST.
- CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES FOR CLEARANCES AND WORK INCLUDED PRIOR TO START OF WORK.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT PLUMBING FIXTURES AND EQUIPMENT LOCATIONS.
- CLEANOUTS SHALL BE INSTALLED PER LATEST CPC CODE SECTIONS.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED. FIRE STOPPING SHALL BE AN APPROVED MATERIAL, AS PRESCRIBED IN STATE FIRE MARSHAL STANDARD 43-1, AND SHALL BE U.L.
- ALL FIXTURES SHALL BE PROTECTED DURING CONSTRUCTION FROM ANY DAMAGE. REFINISHED FIXTURES WILL NOT BE ACCEPTABLE UNDER ANY CONDITIONS.
- DRAWINGS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- ALL PLUMBING FIXTURES AND EQUIPMENT SHALL HAVE ISOLATING VALVES ON WATER SUPPLY LINES.
- PROVIDE ACCESS DOORS TO ALL CONCEALED VALVES.
- PROVIDE STOP VALVES FOR ALL FIXTURES.

PIPE MATERIALS

- DOMESTIC WATER PIPE SHALL BE COPPER TYPE L (ABOVE GROUND) TYPE K (BELOW GROUND).
- WASTE AND VENT PIPING SHALL BE CAST IRON NO-HUB WITH STAINLESS STEEL COUPLINGS.
- REFER TO SPECIFICATIONS FOR ASSOCIATED FITTINGS METHODS, AND JOINING METHODS.
- CONDENSATE PIPING SHALL BE INSULATED TYPE M COPPER.

LEAD FREE ORDINANCE

ALL FIXTURES, MATERIALS ETC IN DOMESTIC WATER SYSTEM SHALL COMPLY WITH LEAD FREE ORDINANCE. MANUFACTURER SHALL INCLUDE CLEAR STATEMENT WITH EACH SUBMITTAL.

GOVERNING CODES

- 2016 CALIFORNIA ADMINISTRATIVE CODE, TITLE 24 PART 1
- 2016 CALIFORNIA BUILDING CODE, TITLE 24 PART 2 (INCLUDES THE CALIFORNIA HISTORICAL BUILDING CODE, PART 8 AND CALIFORNIA EXISTING BUILDING CODE, PART 10)
- 2016 CALIFORNIA ELECTRICAL CODE, TITLE 24 PART 3
- 2016 CALIFORNIA MECHANICAL CODE, TITLE 24, PART 4
- 2016 CALIFORNIA PLUMBING CODE, TITLE 24, PART 5
- 2016 CALIFORNIA FIRE CODE, TITLE 24 PART 9
- 2016 CALIFORNIA REFERENCED STANDARDS CODE, TITLE 24 PART 12

GREEN BUILDING CODE

- PLUMBING FIXTURES AND FITTINGS SHALL MEET THE STANDARDS REFERENCED IN TABLE 9.303.6
- PLUMBING FIXTURES AND FITTING SHALL BE INSTALLED IN ACCORDANCE WITH THE CALIFORNIA PLUMBING CODE, AND SHALL MEET THE APPLICABLE STANDARDS REFERENCED IN TABLE 1701.1 OF THE 2016 CALIFORNIA PLUMBING CODE AND IN CHAPTER 6 OF THIS CODE.
- NEW PLUMBING FIXTURES AND FITTINGS SHALL NOT EXCEED THE MAXIMUM ALLOWABLE FLOW RATE SPECIFIED IN TABLE 10.303.2.3 (10.303.2)

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE	TRAP	VENT	COLD WATER	HOT WATER	REMARKS
WC 2	WATER CLOSET (FLUSH VALVE, ADA)	4	INTEGRAL	2	1-1/2	-	WALL MOUNTED "AMERICAN STANDARD", AFWALL #3351.101, 16-1/2" HIGH ELONGATED TOILET, CHURCH 9500 SEAT, "SLOAN" #8111-1.28 CHROME FLUSH VALVE, BATTERY OPERATED (1.28 GPF)
WC 2	WATER CLOSET (FLUSH VALVE)	4	INTEGRAL	2	1-1/2	-	WALL MOUNTED "AMERICAN STANDARD", AFWALL #3351.101, 15" HIGH ELONGATED TOILET, CHURCH 9500 SEAT, "SLOAN" #8111-1.28 CHROME FLUSH VALVE, BATTERY OPERATED (1.28 GPF)
UR 1	URINAL (FLUSH VALVE, ADA)	2	-	1-1/2	1-1/2	-	"SLOAN" #WEL-1000.1401, WITH "AMERICAN STANDARD" SELECTRONIC FLUSH VALVE BATTERY POWERED (TOP SPUD), 0.125 GPF. PROVIDE CLEANOUT ABOVE FIXTURE CONNECTION FITTING PER CPC 707.4.
L 1	LAVATORY (ADA)	2	1-1/4X1-1/2	1-1/2	1/2	1/2	"AMERICAN STANDARD" OVALYN #0495.221 UNDERCOUNTER LAVATORY WITH "AMERICAN STANDARD" INNSBROOK #6055.204 FAUCET: SENSOR ACTIVATED (BATTERY POWERED), THERMOSTATIC MIXING VALVE 605XTM1070, 0.5 GPM MAX.
S 1	SINK (ADA)	2	1-1/4X1-1/2	1-1/2	3/4	3/4	TOP MOUNT "ELKAY" PACEMAKER STAINLESS STEEL SINGLE BOWL, 3 HOLES 4" ON CENTER, WITH "DELTA" #27C1934 LOW LEAD GOOSENECK FAUCET, SWING SPOUT, BRASS BODY, LESS SPRAYER, 3" LEVERS, 1.5 GPM MAX.
S 2	DOUBLE COMPARTMENT SINK (ADA)	2	1-1/4X1-1/2	1-1/2	3/4	3/4	TOP MOUNT "ELKAY" #LR3321 STAINLESS STEEL SINK, 3 HOLES 4" ON CENTER, WITH "DELTA" #27C1934 LOW LEAD GOOSENECK FAUCET, SWING SPOUT, BRASS BODY, LESS SPRAYER, 3" LEVERS, 1.5 GPM MAX.
FS 1	FLOOR SINK	2	2	2	-	-	J.R. SMITH 3100.
FD 1	FLOOR DRAIN	2	2	1-1/2	1/2	-	J.R. SMITH 2005 WITH TRAP PRIMER CONNECTION, VANDAL PROOF TOP, AND HEAL PROOF GRATE. 1/4" MAX GRATE OPENINGS IN ALL DIRECTIONS.
TP 1	TRAP PRIMER	-	-	-	1/2	-	"PPP" PRIME RITE SERIES, LOW LEAD. PROVIDE "PPP" MODEL: PR-500 WITH DU-U DISTRIBUTION UNIT FOR MULTIPLE TRAPS.
SS 1	SERVICE SINK	3	3	2	3/4	3/4	"AMERICAN STANDARD" FLORWELL #7741.000, WITH "AMERICAN STANDARD" FAUCET #8354.112 WITH WALL BRACE AND VACUUM BREAKER.

ELECTRIC WATER HEATER SCHEDULE

SYMBOL	LOCATION	MODEL	OPER. TEMP.	KW	VOLT	PHASE	AMPS	WRKNG. PRESS.	OPER. WEIGHT	REMARKS
WH 1	SEE PLANS	EEMAX SP60	105°	6.0	277	1	22	150	4	UL APPROVED, 0.7 GPM ACTIVATION, WALL MOUNTED, UL APPROVED, NSF 61 SECTION 9 COMPLIANT, AND ADA COMPLIANT.
WH 2	SEE PLANS	EEMAX SP60	105°	6.0	277	1	22	150	4	UL APPROVED, 0.7 GPM ACTIVATION, WALL MOUNTED, UL APPROVED, NSF 61 SECTION 9 COMPLIANT, AND ADA COMPLIANT.

PUMP SCHEDULE

SYMBOL	TYPE	LOCATION	MAKE	SERVICE	MODEL	TYPE	GPM	HEAD (FT)	WRKNG. PRESS.	AMPS	VOLT	PHASE	RPM	OPER. WEIGHT	REMARKS
CP 1	CONDENSATE PUMP	RM 109	LITTLE GIANT	CONDENSATE REMOVAL	EC-1	INLINE	1.8 (GPH)	5.0	-	0.5	115	1	2940	2	MOUNT PUMP ON WALL. PLACE RESERVOIR INSIDE OF FAN COIL. PROVIDE A DIRECT ELECTRICAL CONNECTION. INSTALL PER MANUFACTURER'S INSTALLATION MANUAL.
CP 2	CONDENSATE PUMP	EXISTING ELECT. RM.	LITTLE GIANT	CONDENSATE REMOVAL	EC-1	INLINE	1.8 (GPH)	5.0	-	0.5	115	1	2940	2	

SCOPE OF WORK

TENANT IMPROVEMENT IN AN EXISTING OFFICE BUILDING. RESTROOM EXPANSION ON THE FIRST FLOOR - SOUTHERN WING, TWO ADDITIONAL SINKS ON THE SECOND FLOOR - ONE IN THE NORTH WING AND A SECOND IN THE SOUTH WING, AND ONE NEW SINK ON FIRST FLOOR - NORTH WING. CONNECT TO EXISTING PLUMBING UTILITIES AS INDICATED. DEMOLISH AND REPLACE ALL PLUMBING FIXTURES WITH NEW IN EXISTING FIRST AND SECOND FLOOR RESTROOMS IN NORTH AND SOUTH WINGS AND RECONNECT TO EXISTING PIPING. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. INCLUDE SLOPE TO WASTE AND VENT POINTS OF CONNECTION. NOTIFY THE ARCHITECT OF ANY ISSUES PRIOR TO BEGINNING WORK. COORDINATE WITH ALL TRADES FOR PIPE ROUTING.

WATER HAMMER ARRESTOR SCHEDULE

PCN/ FIG. NO.	PCN/ FIG. NO.	FIXTURE UNIT RATING	A SIZE	B	C
5005	A	1-11	3/4	4	3
5010	B	12-32	1	5	3
5020	C	33-60	1	6	3
5030	D	61-113	1	7	3
5040	E	114-154	1	8	3
5050	F	155-330	1	9	3

JAY R. SMITH MANUFACTURER CO. SIZE WHA PER SCHEDULE, LOCATIONS PER DRAWINGS. STAINLESS STEEL LEAD FREE.

PIPE SIZE CHART

SIZE	COLD WATER		HOT WATER
	FLUSH TANK	FLUSH VALVE FU	FLUSH TANK
1/2	1	-	1
3/4	6	-	6
1	13	-	15
1 1/4	26	-	26
1 1/2	51	12	46
2	175	76	119
2 1/2	406	270	245

NOTE: CHART BASED ON MAX. 8 FPS., HW-5 FPS. AND/OR 3.4 PSI/100 FT LOSS

SHEET INDEX

- P0.1 PLUMBING LEGENDS, SCHEDULES AND NOTES
- P1.0 PLUMBING OVERALL FLOOR PLANS
- P2.0 PLUMBING ENLARGED PLANS
- P2.1 PLUMBING ENLARGED PLANS
- P3.0 PLUMBING DETAILS



KEVIN A. SWAN AND ASSOC., INC.
CONSULTING MECHANICAL ENGINEERS
1625 ARROW HWY., STE. C
IRVINDALE, CALIFORNIA 91706
(925)985-9338 FAX (925)985-0864



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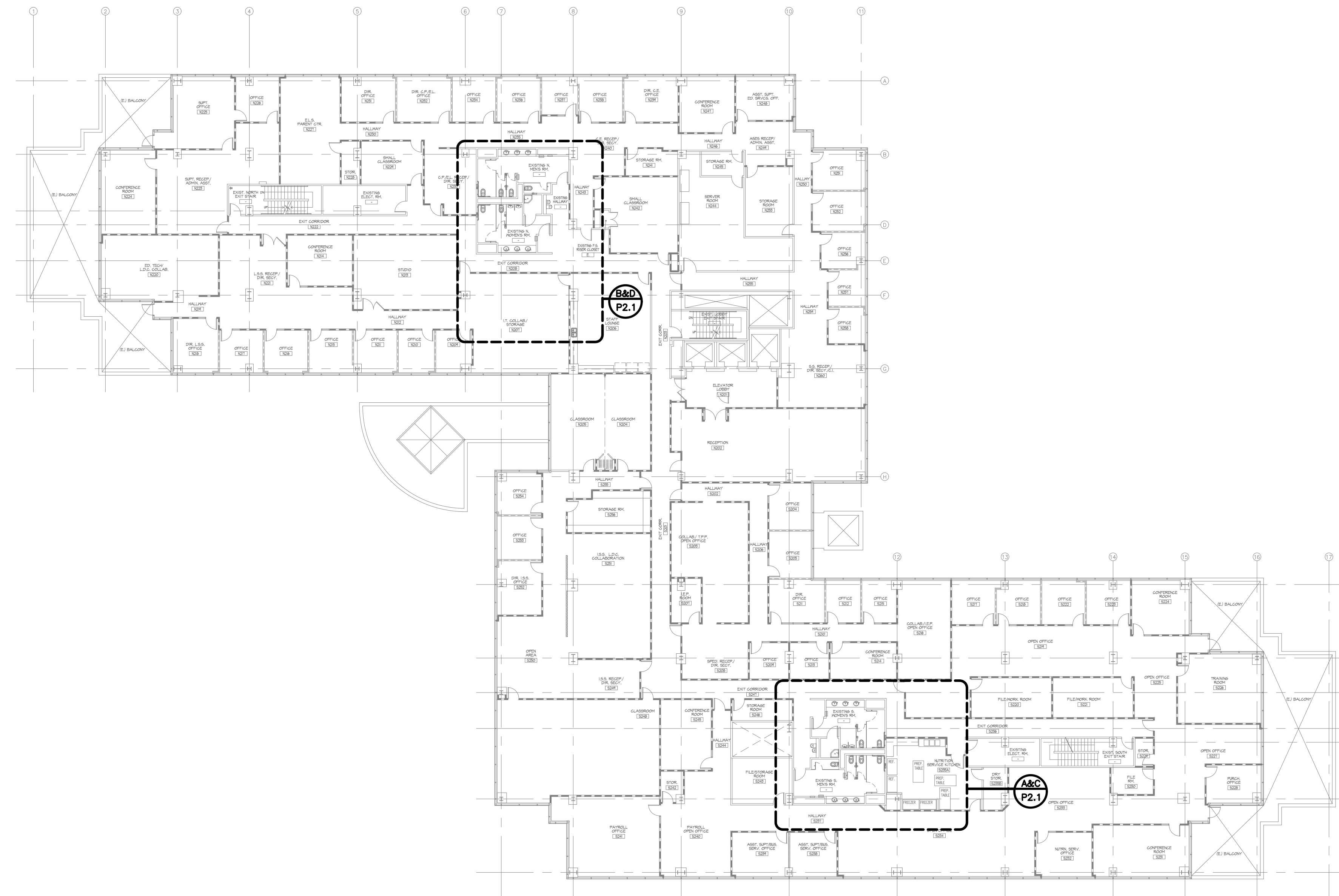
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1	12/19/19	PLUM CHECK SUBMITT
2	2/24/20	BID ISSUE
3	4/3/20	BRCK CHECK I

PLUMBING LEGENDS, NOTES, AND SCHEDULES

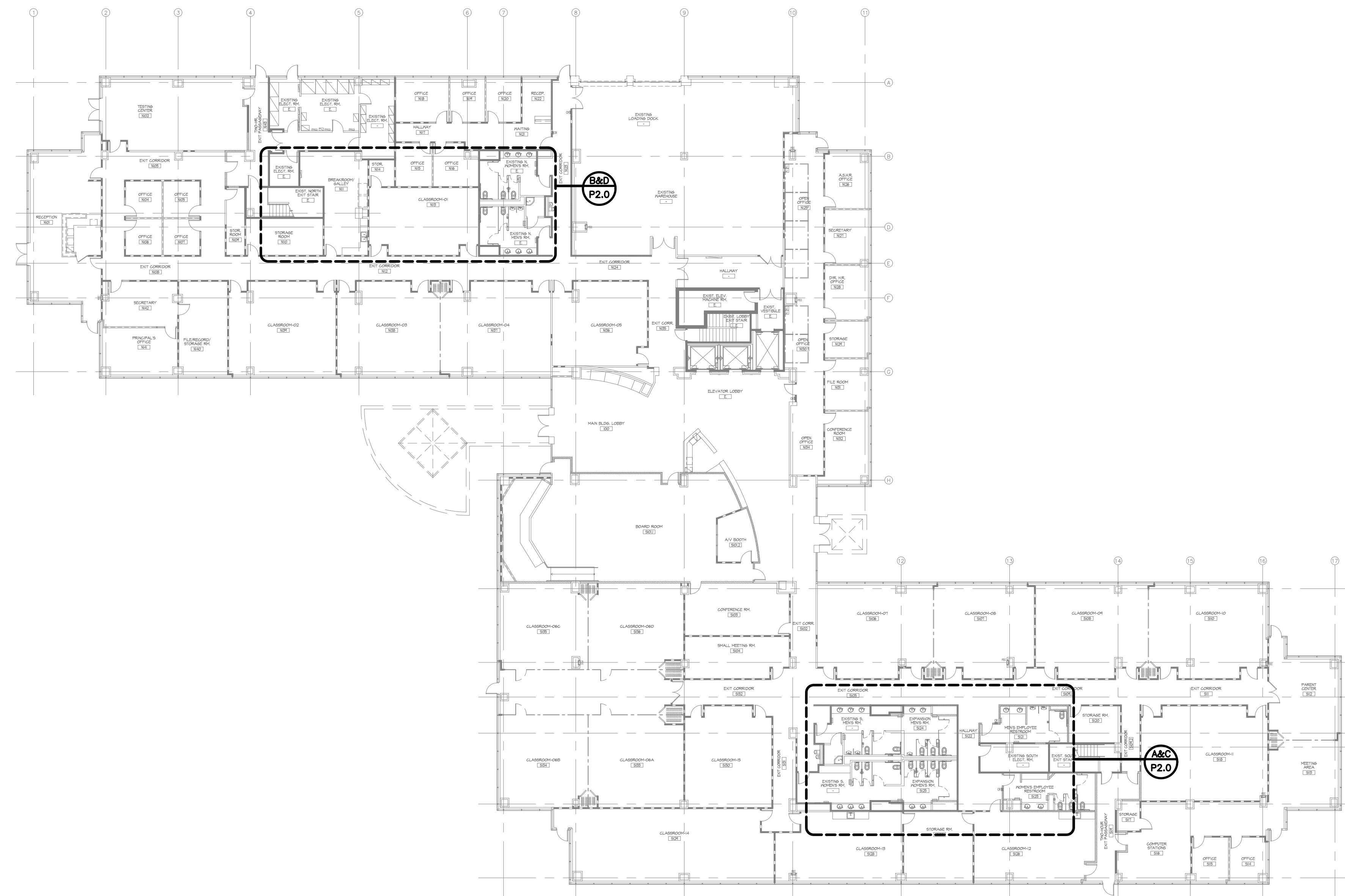
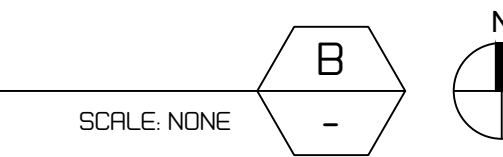
drawn by
project no 40038
date 4/3/20
scale PS IS-PLUM

P0.1





PLUMBING OVERALL SECOND FLOOR PLAN



PLUMBING OVERALL FIRST FLOOR PLAN



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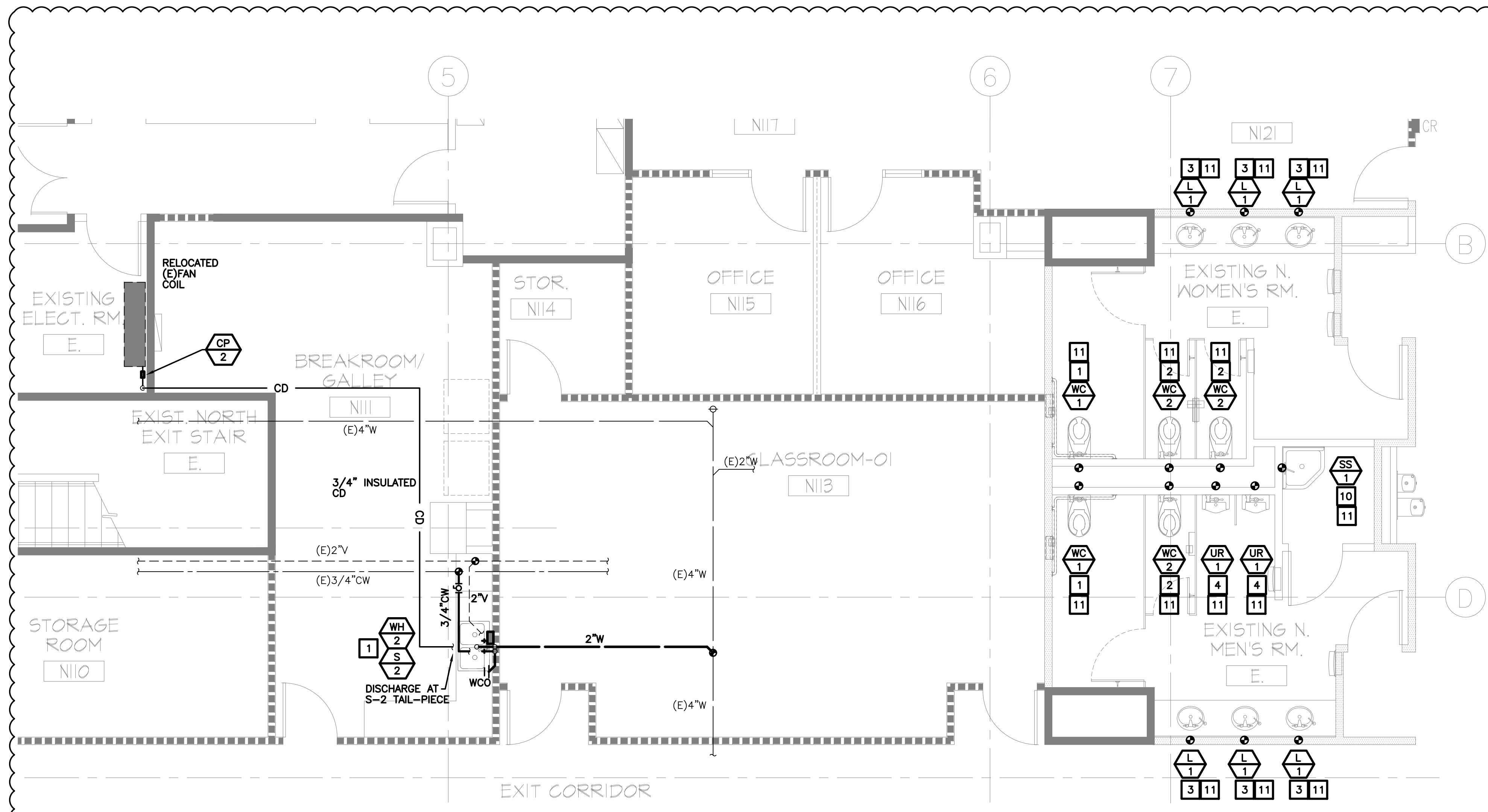
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—	BID ISSUE	2/21/20
Δ	BACK CHECK 1	4/3/20

sheet title

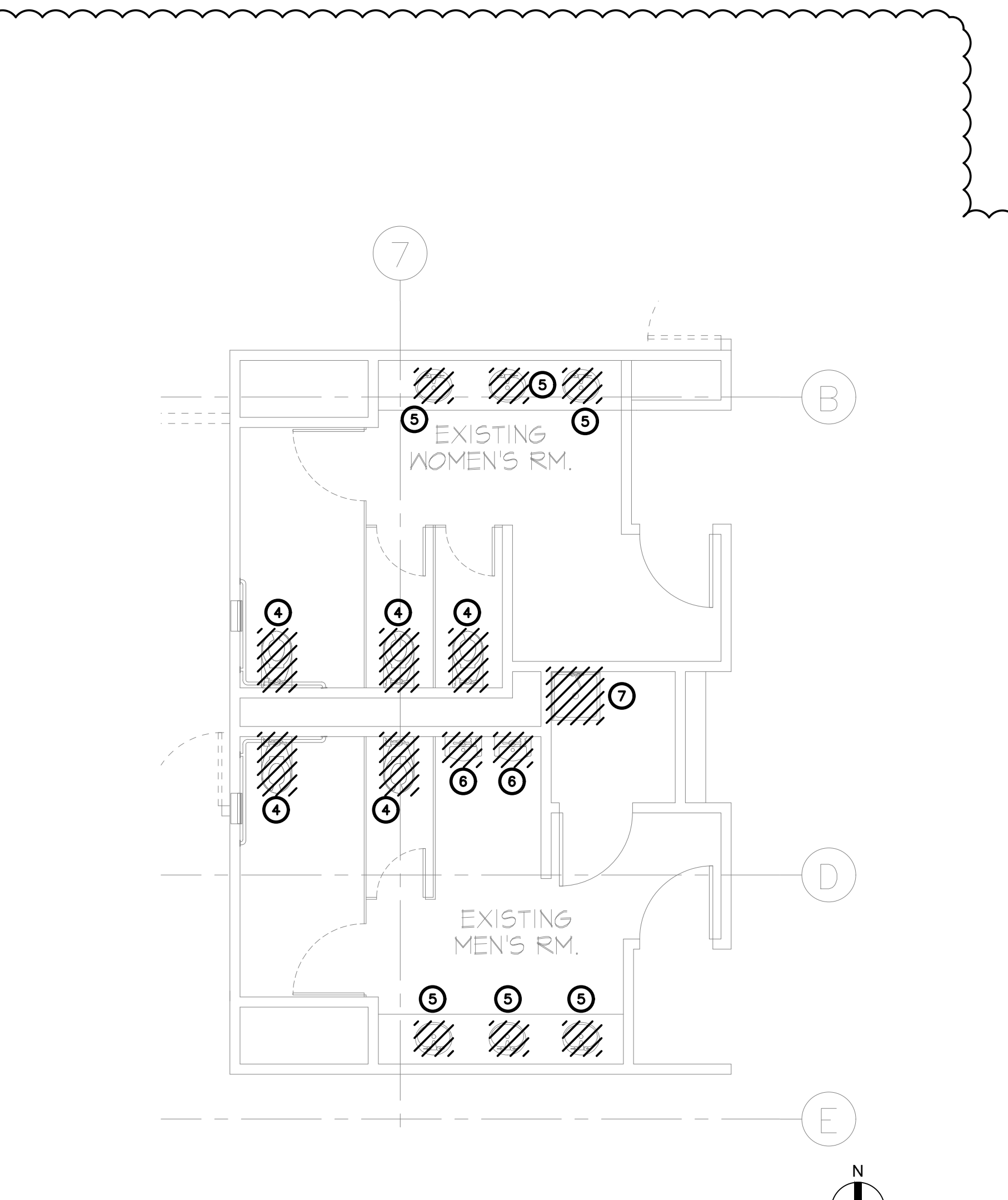
PLUMBING OVERALL FLOOR PLANS

drawn by _____ PG
project no _____ 43038
date _____ 4/3/20
scale _____ PS 13-FLOOR

P1.0



PLUMBING ENLARGED FIRST FLOOR PLAN - NORTH
SCALE: 1/4" = 1'-0"

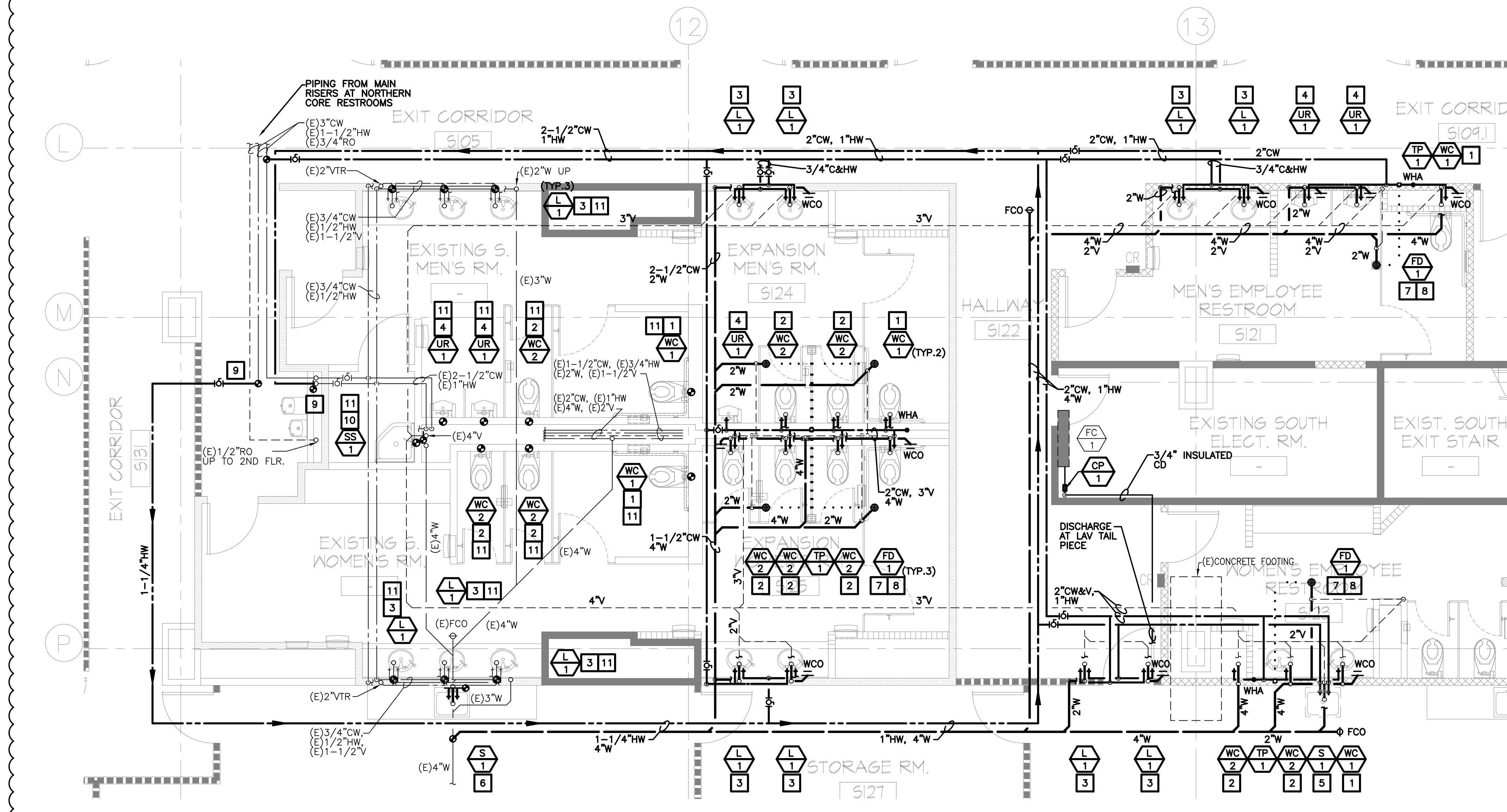


PLUMBING ENLARGED DEMOLITION FIRST FLOOR PLAN - NORTH
SCALE: 1/4" = 1'-0"

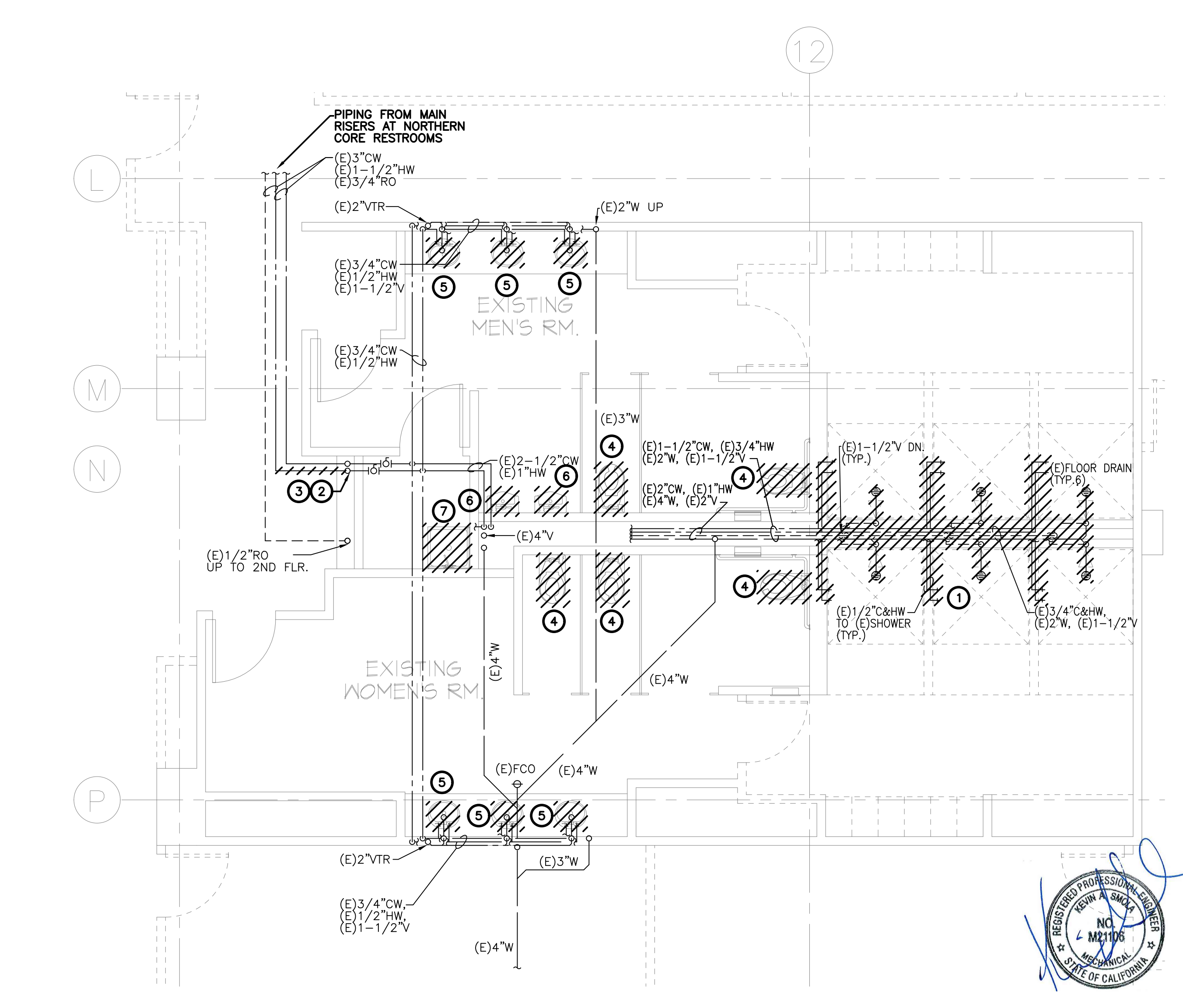
NOTE:
EXISTING SIZES AND LOCATIONS OF PIPES ARE SHOWN FOR INFORMATION AND GENERAL USE BY CONTRACTOR. HOWEVER, PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND SIZES OF PIPES PRIOR TO START OF CONSTRUCTION. PLUMBING CONTRACTOR TO COORDINATE PIPING LOCATIONS WITH ALL TRADES.
"LIGHT TEXT" PERTAINS TO EXISTING PIPING AND EQUIPMENT
"HEAVY TEXT" PERTAINS TO NEW PIPING AND EQUIPMENT
REFER TO FIXTURE SCHEDULE FOR FIXTURE PIPE SIZES.

- ### DEMOLITION NOTES
- DEMOLISH EXISTING SHOWER AND ALL ASSOCIATED PIPING. SEE SHEET DETAIL C THIS SHEET FOR EXTENT OF DEMOLITION.
 - (E)2-1/2" CW AND (E)1-1/4" HW RISER UP TO 2ND AND 3RD FLOORS ONLY. (E)1-1/4" HW CONNECTS TO (E)3/4" HW LOOP ON THE 3RD FLOOR. (E)3/4" HW LOOP IS CONNECTED TO THE (E)BUILDING HW PUMP.
 - DEMOLISH PARTIAL (E)1-1/4" HW IN ORDER TO REROUTE TO NEW FIXTURES. SEE SHEET DETAIL C THIS SHEET FOR EXTENT OF DEMOLITION.
 - DEMOLISH EXISTING WATER CLOSET AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.
 - DEMOLISH EXISTING LAVATORY AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.
 - DEMOLISH EXISTING URINAL AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.
 - DEMOLISH EXISTING SERVICE SINK AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.

- ### PLAN NOTES
- NEW WATER CLOSET TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 4"W, 2"V AND 1-1/2" CW)
 - NEW WATER CLOSET TO BE INSTALLED. (PROVIDE 4"W, 1-1/2" V AND 1-1/2" CW)
 - NEW LAVATORY TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2" V AND 1/2" C&HW)
 - NEW URINAL TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2" V AND 1-1/2" CW)
 - NEW SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2" V AND 3/4" C&HW)
 - NEW SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2" V AND 3/4" C&HW). CONNECT TO (E)3/4" CW & (E)1/2" HW IN WALL, (E)3"W, AND (E)2" V ABOVE CEILING.
 - INSTALL NEW FLOOR DRAIN. PROVIDE TRAP PRIMER CONNECTION.
 - 1/2" CW FROM TP-1 TO FD-1.
 - CONNECT TO (E)1-1/4" HW ORIGINATING FROM THE NORTH WING AND LOOP NEW HW PIPING AS SHOWN IN ORDER TO UTILIZE (E)HW SYSTEM LOOP. REFERENCE DEMOLITION NOTE 2 THIS SHEET.
 - NEW SERVICE SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 3"W, 1 2" V AND 3/4" C&HW)
 - RECONNECT EXISTING PIPING TO NEW FIXTURE. EXTEND PIPING IF REQUIRED. INSTALL NEW ANGLE STOPS AND STAINLESS STEEL BRAIDED HOSES AT LAVATORIES.



PLUMBING ENLARGED FIRST FLOOR PLAN - SOUTH
SCALE: 1/4" = 1'-0"



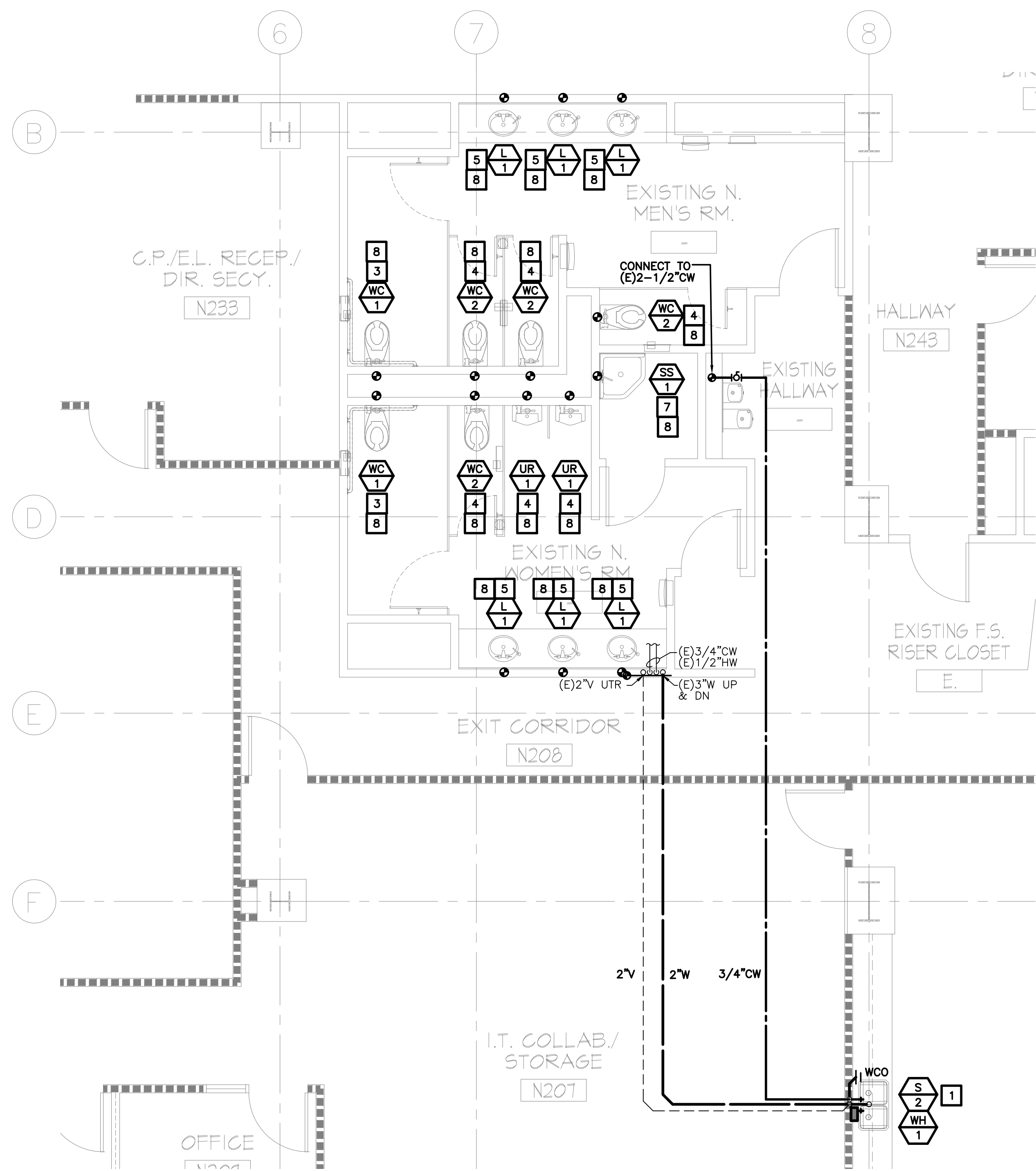
PLUMBING ENLARGED DEMOLITION FIRST FLOOR PLAN - SOUTH
SCALE: 1/4" = 1'-0"

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REVISION	DATE	DESCRIPTION
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2	2/24/20	BID ISSUE
3	4/3/20	BACK CHECK 1

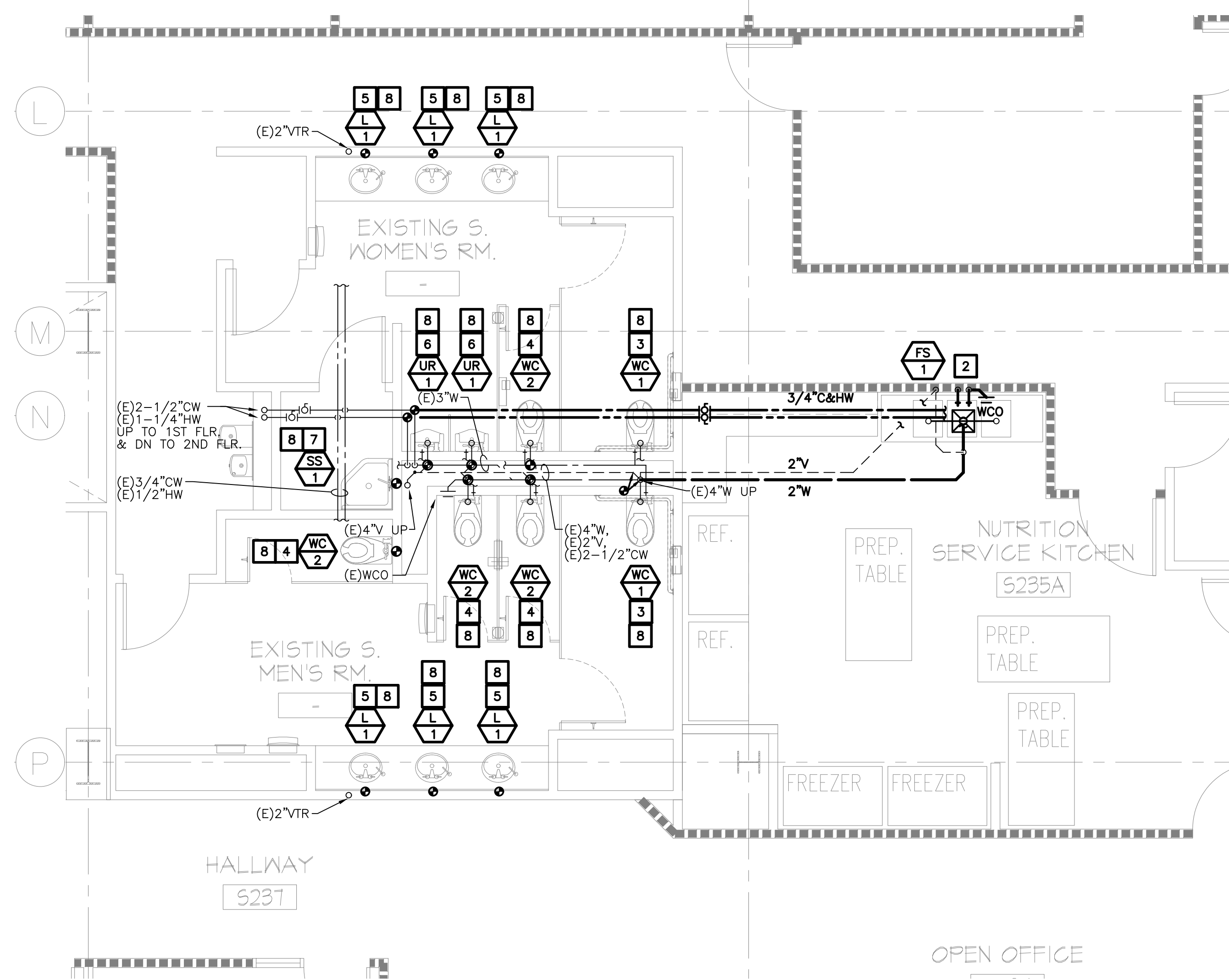
PLUMBING ENLARGED FIRST FLOOR PLANS

drawn by: [Signature]
project no: 400398
date: 4/3/20
scale: PS 3/4"=1'-0"



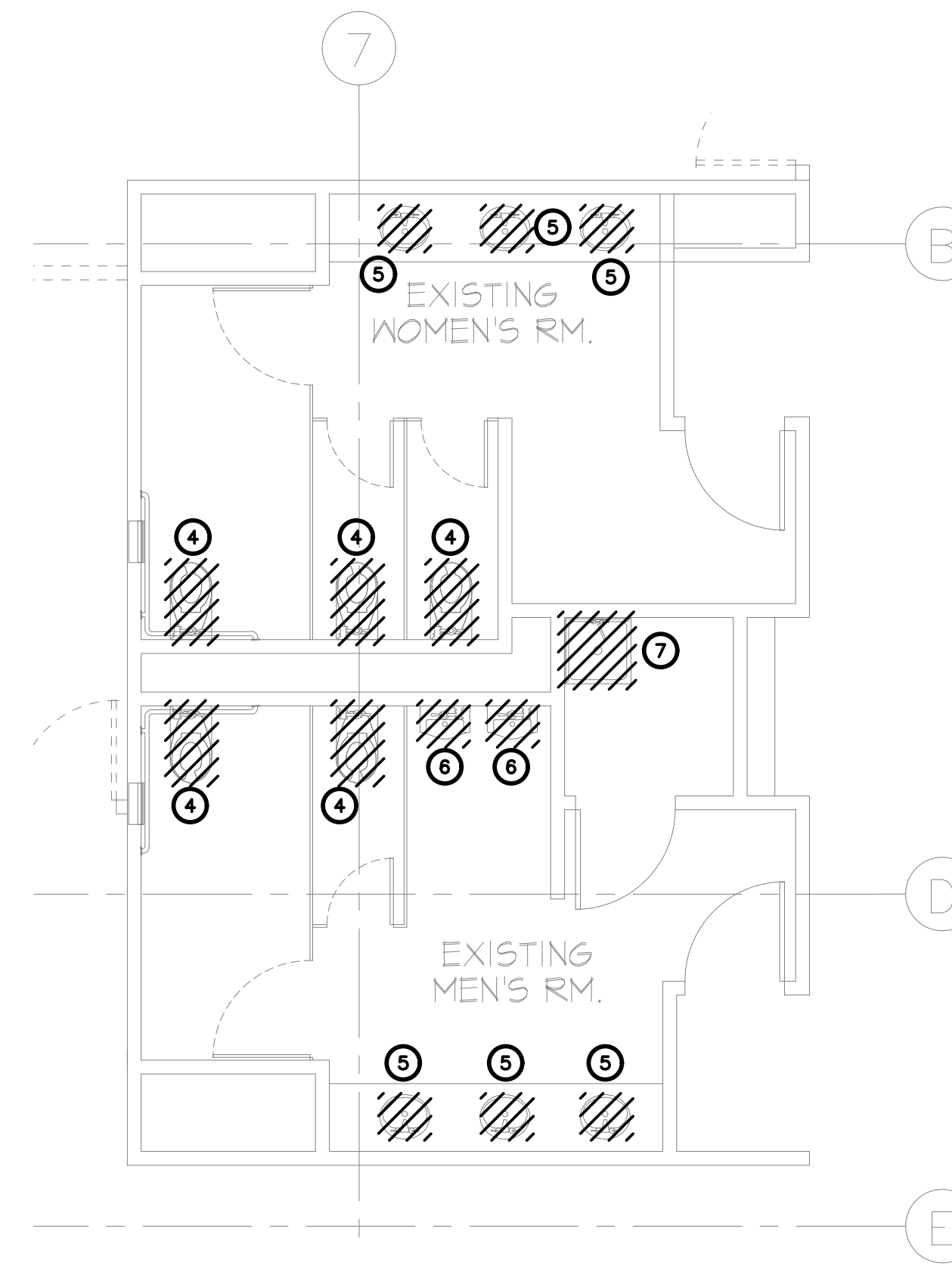
PLUMBING ENLARGED SECOND FLOOR PLAN - NORTH

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



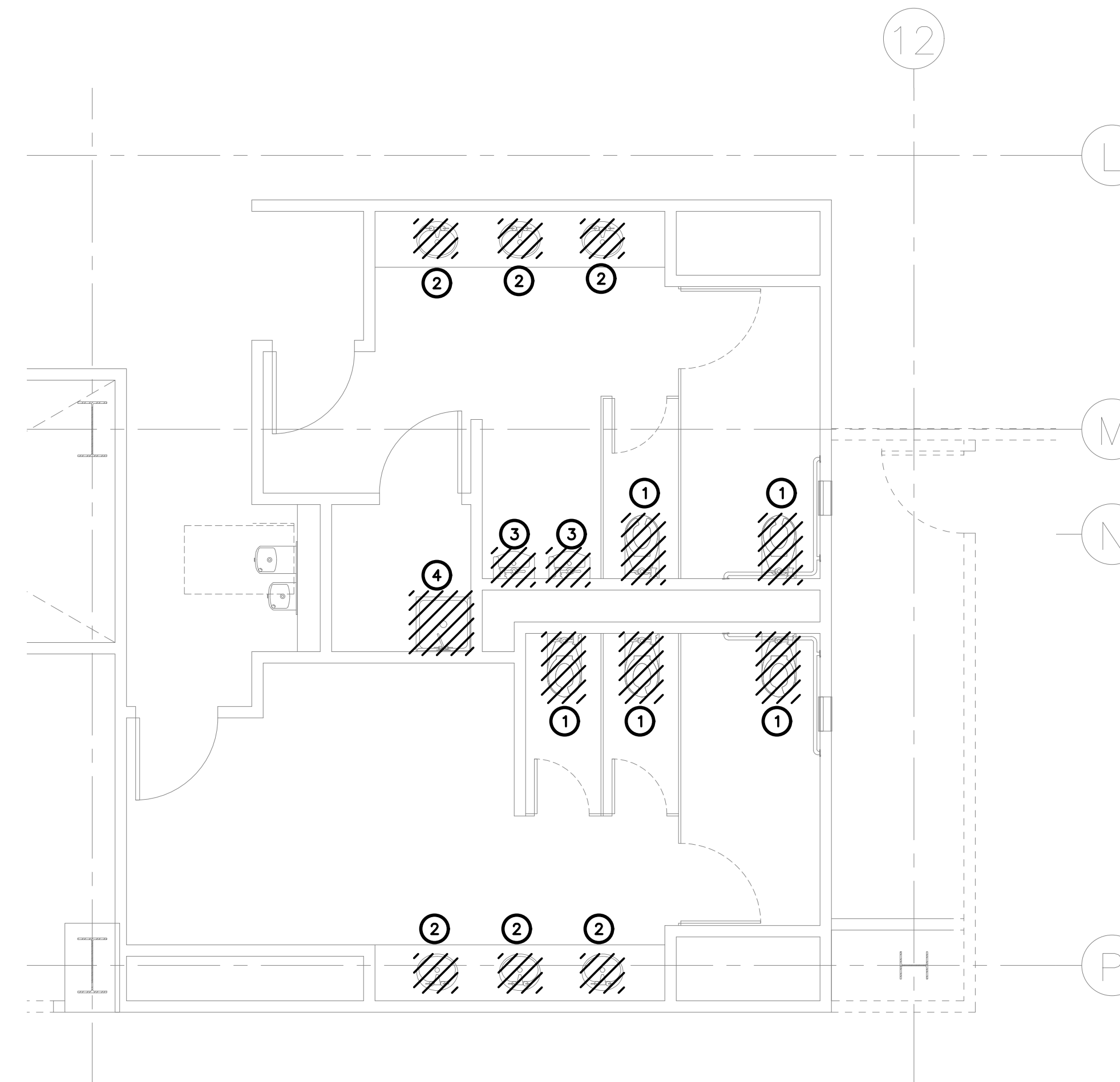
PLUMBING ENLARGED SECOND FLOOR PLAN - SOUTH

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



PLUMBING ENLARGED DEMOLITION SECOND FLOOR PLAN - NORTH

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



PLUMBING ENLARGED DEMOLITION SECOND FLOOR PLAN - SOUTH

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

NOTE:
 EXISTING SIZES AND LOCATIONS OF PIPES ARE SHOWN FOR INFORMATION AND GENERAL USE BY CONTRACTOR. HOWEVER, PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND SIZES OF PIPES PRIOR TO START OF CONSTRUCTION. PLUMBING CONTRACTOR TO COORDINATE PIPING LOCATIONS WITH ALL TRADES.
 "LIGHT TEXT" PERTAINS TO EXISTING PIPING AND EQUIPMENT
 "HEAVY TEXT" PERTAINS TO NEW PIPING AND EQUIPMENT
 REFER TO FIXTURE SCHEDULE FOR FIXTURE PIPE SIZES.

- DEMOLITION NOTES**
- 1 DEMOLISH EXISTING WATER CLOSET AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.
 - 2 DEMOLISH EXISTING LAVATORY AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.
 - 3 DEMOLISH EXISTING URINAL AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.
 - 4 DEMOLISH EXISTING SERVICE SINK AND PREPARE FOR THE INSTALLATION OF NEW FIXTURE.

- PLAN NOTES**
- 1 NEW SINK TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 3/4"C&HW)
 - 2 INSTALL NEW 3-COMPARTMENT SINK. SEE ARCHITECTURAL PLANS FOR MAKE AND MODEL. (PROVIDE 2"W, 1 1/2"V AND 3/4"C&HW)
 - 3 NEW WATER CLOSET TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 4"W, 2"V AND 1-1/2"CW)
 - 4 NEW WATER CLOSET TO BE INSTALLED. (PROVIDE 4"W, 2"V AND 1-1/2"CW)
 - 5 NEW LAVATORY TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 1/2"C&HW)
 - 6 NEW URINAL TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 2"W, 1 1/2"V AND 1-1/2"CW)
 - 7 NEW URINAL TO BE INSTALLED PER ADA REQUIREMENTS. (PROVIDE 3"W, 1 2"V AND 3/4"C&HW)
 - 8 RECONNECT EXISTING PIPING TO NEW FIXTURE. EXTEND PIPING IF REQUIRED. INSTALL NEW ANGLE STOPS AND STAINLESS STEEL BRAIDED HOSES TO NEW FIXTURE.



KEYWA SMOLA AND ASSOC. INC.
 CONSULTING MECHANICAL ENGINEERS
 18225 ABBOTT HWY., STE. C
 IRVINE, CALIFORNIA 92714
 (949) 265-8338 FAX (949) 265-0864



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Δ	remarks	date
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	BID ISSUE	2/21/20
	BACK CHECK 1	4/3/20

sheet title

PLUMBING ENLARGED SECOND FLOOR PLANS

drawn by
 project no
 date
 scale

P2.1

NOTES:
 3M FIRE BARRIER PRODUCTS:
 CALIFORNIA STATE FIRE MARSHALL LISTING
 NO. 4485-941:100
 UNINSULATED PIPE:
 U.L. DESIGN NO. F-A-1057 (CONCRETE WALL OR FLOOR)
 F RATING - 2HR
 T RATING - 2HR

SPECIFICATIONS:
 PENETRATIONS IN FIRE RESTRICTIVE WALLS, PARTITIONS AND FLOORS WHERE PROTECTED OPENINGS ARE REQUIRED SHALL BE FIRE STOPPED USING APPROVED MATERIALS, SECURELY INSTALLED AND CAPABLE OF MAINTAINING THEIR INTEGRITY AND PREVENTING THE MOVEMENT OF FLAMES AND/OR GASES THROUGH THE VOID SPACES BETWEEN PENETRATING MATERIALS AND WALLS, PARTITIONS AND FLOORS WHEN TESTED IN ACCORDANCE WITH ASTM STANDARD E-814 OR UL STANDARD 1479

PROVIDE DESIGN DETAILS ON DRAWINGS DEPICTING APPROVED (LISTED) METHODS AND MATERIALS USED TO PROTECT PENETRATIONS WALLS, PARTITIONS AND FLOORS.

DESIGNS ARE LISTED BY UNDERWRITER'S LABORATORIES (FIRE RESISTANCE DIRECTORY) AND THE CALIFORNIA STATE FIRE MARSHALL (BUILDING MATERIAL LISTINGS). SPECIFIC DESIGN INFORMATION IS AVAILABLE FROM U.L. CSFM OR THE PRODUCT MANUFACTURER.

FIRESTOP CONFIGURATION

1. FLOOR ASSEMBLY - MIN 4-1/2 IN. THICK REINFORCED LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE. AS AN ALTERNATE, ANY MIN 2 HR FIRE RATED D700, D800 OR D900 SERIES FLOOR-CEILING DESIGN IN THE UL FIRE RESISTANCE DIRECTORY HAVING A MIN 2-1/2 IN. THICKNESS OF LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE TOPPING OVER THE STEEL DECK MAY BE USED. MAX DIAM OF OPENING IS 12-3/4 IN.

1A. STEEL SLEEVE - (OPTIONAL, NOT SHOWN) - NOM 12 IN. DIAM (OR SMALLER) SLEEVE FABRICATED FROM NOM 0.028 IN. THICK GALV STEEL CAST OR GROUTED INTO FLOOR ASSEMBLY FLUSH WITH FLOOR SURFACES.

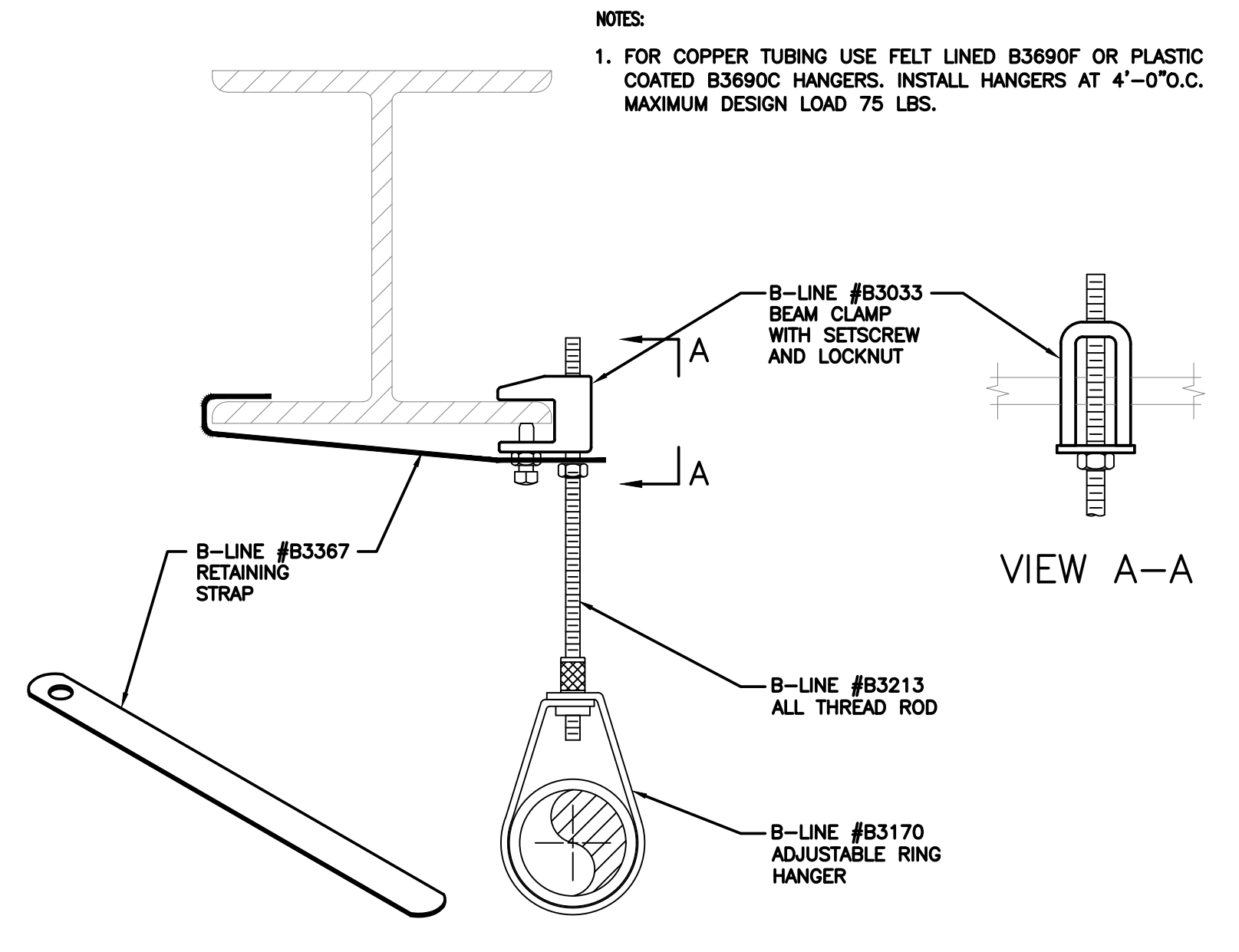
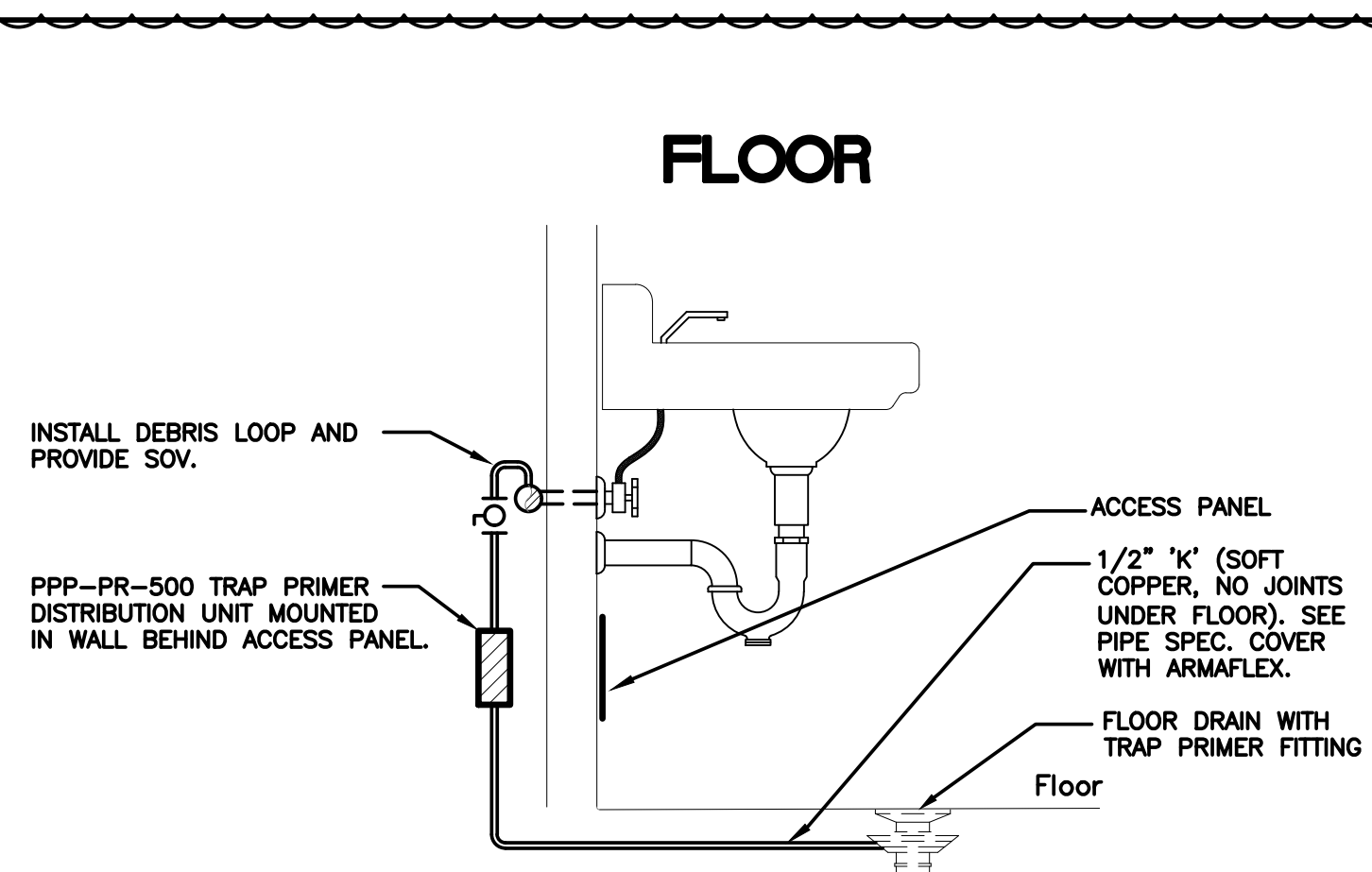
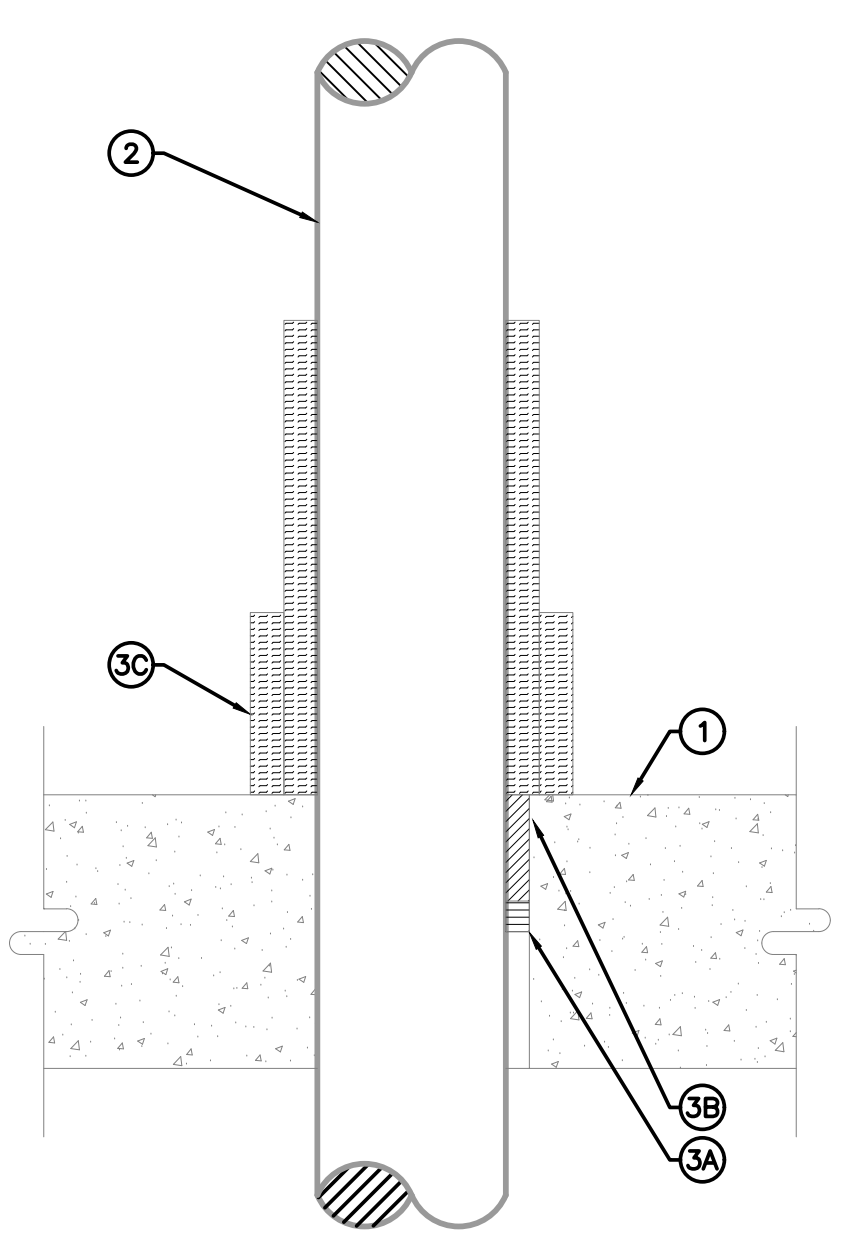
2. THROUGH-PENETRANTS - ONE METALLIC PIPE OR TUBING INSTALLED CONCENTRICALLY OR ECCENTRICALLY WITHIN OPENING. ANNULAR SPACE BETWEEN PENETRANT AND PERIPHERY OF OPENING SHALL BE MIN OF 0 IN. (POINT CONTACT) TO MAX 2 IN. PENETRANT TO BE RIGIDLY SUPPORTED ON BOTH SIDERS OF FLOOR ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF PENETRANTS MAY BE USED:

- A. STEEL PIPE - NOM 10 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.
- B. IRON PIPE - NOM 10 IN. DIAM (OR SMALLER) CAST OR DUCTILE IRON PIPE.
- C. COPPER TUBING - NOM 4 IN. DIAM (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
- D. COPPER PIPE - NOM 4 IN. DIAM (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
- E. CONDUIT - NOM 6 IN. DIAM (OR SMALLER) STEEL CONDUIT OR NOM 4 IN. DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING.

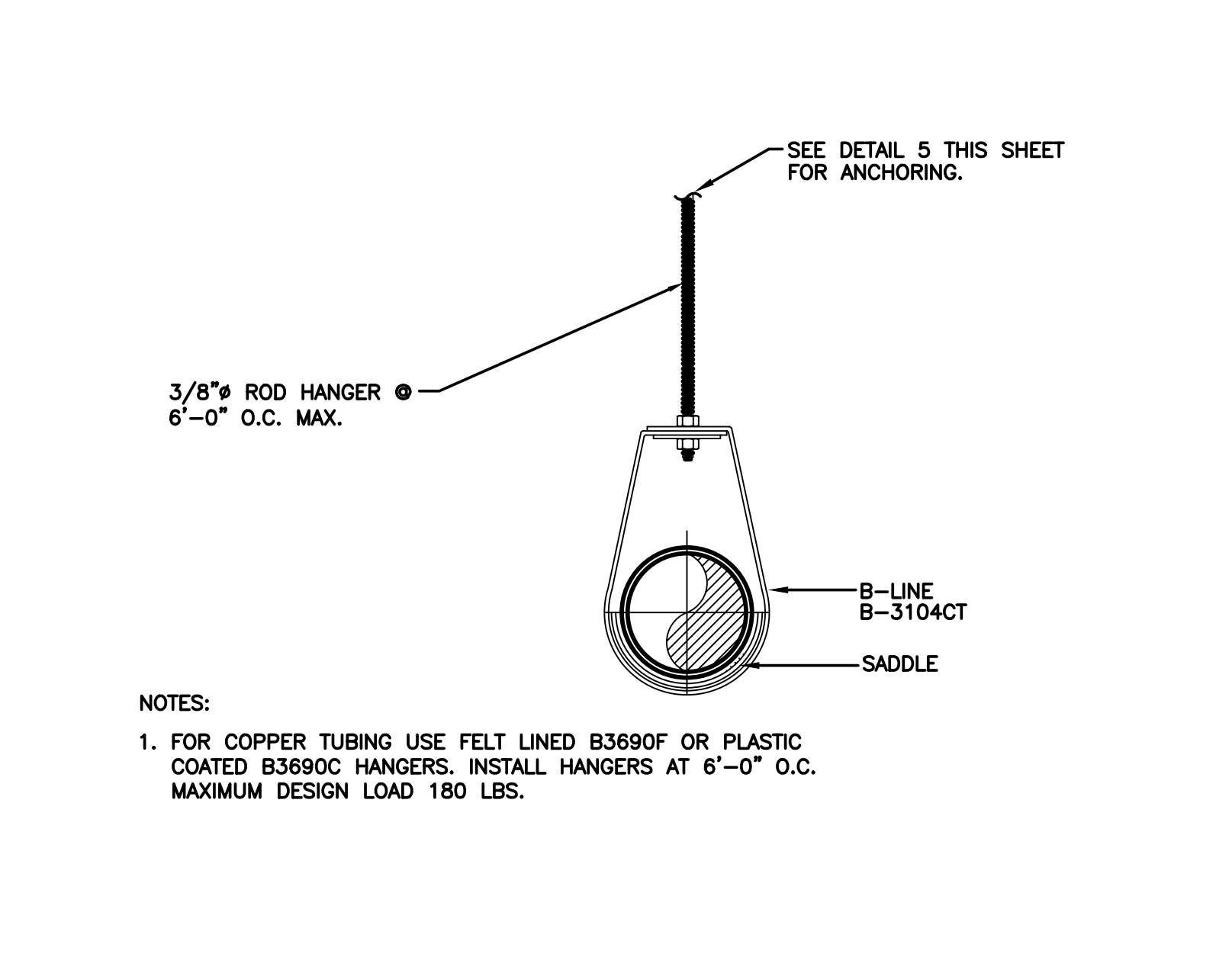
3. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING.

- A. PACKING MATERIAL - MIN 1 IN. (25 MM) THICKNESS OF MIN 4 PCF (64 KG/M3) MINERAL WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
- B. FILL VOID OR CAVITY MATERIALS* - CAULK, SEALANT OR PUTTY - MIN 1 IN. THICKNESS OF CAULK OR PUTTY APPLIED WITHIN THE ANNULUS, FLUSH WITH TOP SURFACE OF FLOOR.
 3M COMPANY - CP 25WB+ CAULK, FB-3000 WT SEALANT OR MP+ PUTTY.
- C. DUCT WRAP MATERIAL* - NOM 2 IN. THICK DUCT WRAP TIGHTLY WRAPPED AROUND PENETRANT TO EXTEND 36 IN. ABOVE FLOOR. AN ADDITIONAL LAYER OF NOM 2 IN. THICK DUCT WRAP TIGHTLY WRAPPED AROUND THE FIRST LAYER OF DUCT WRAP TO EXTEND 12 IN. ABOVE FLOOR. ALL LONGITUDINAL SEAMS OF BOTH LAYERS OF DUCT WRAP ARE SEALED WITH FOIL TAPE.
 3M COMPANY - FIREBARRIER DUCT WRAP 20A, 3M FIREBARRIER DUCT WRAP 615, 3M FIREBARRIER DUCT WRAP 615+

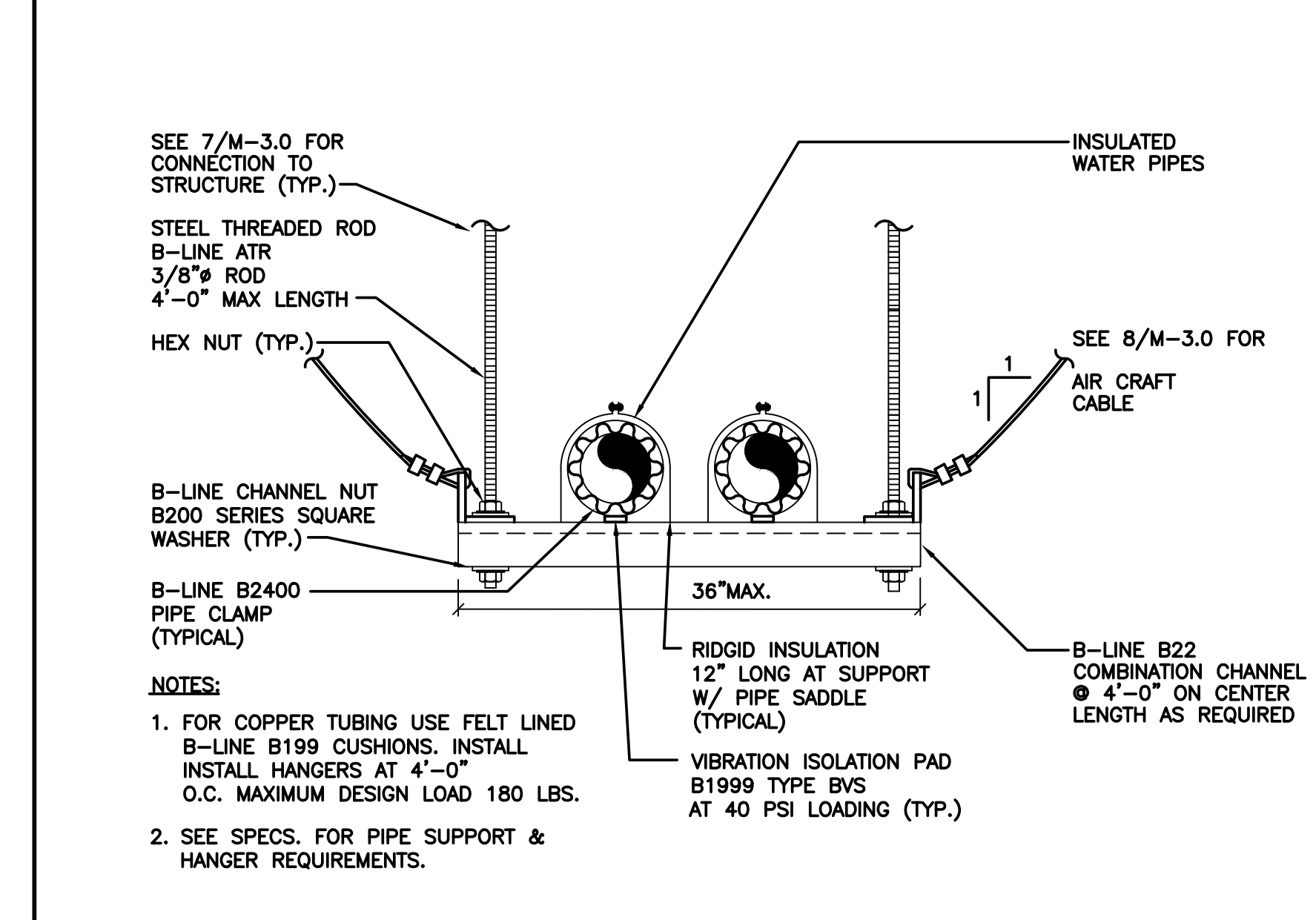
*INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.



BEAM CLAMP PIPE SUPPORT SCALE: NONE 4

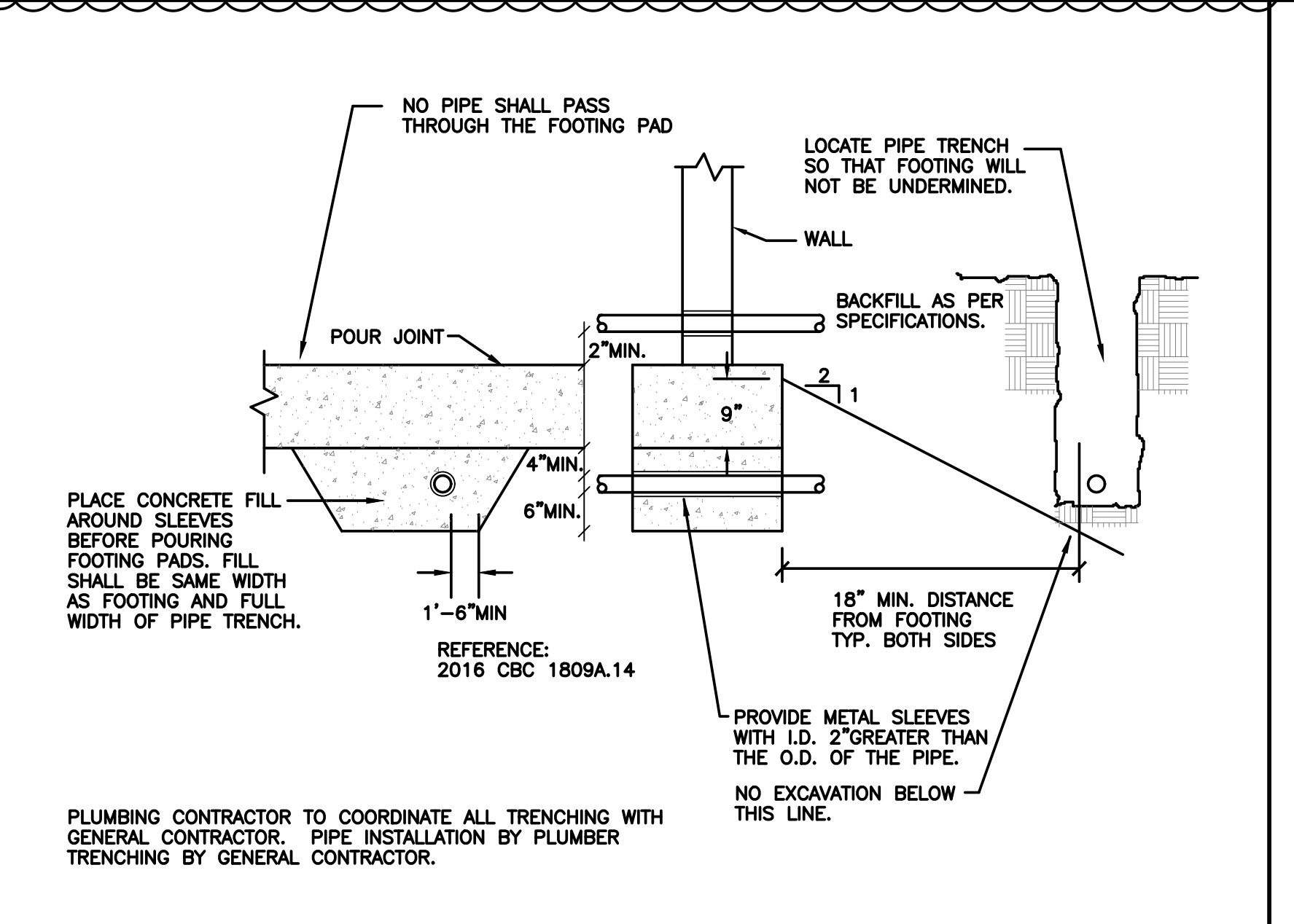


SINGLE PIPE HANGER DETAIL SCALE: NONE 3



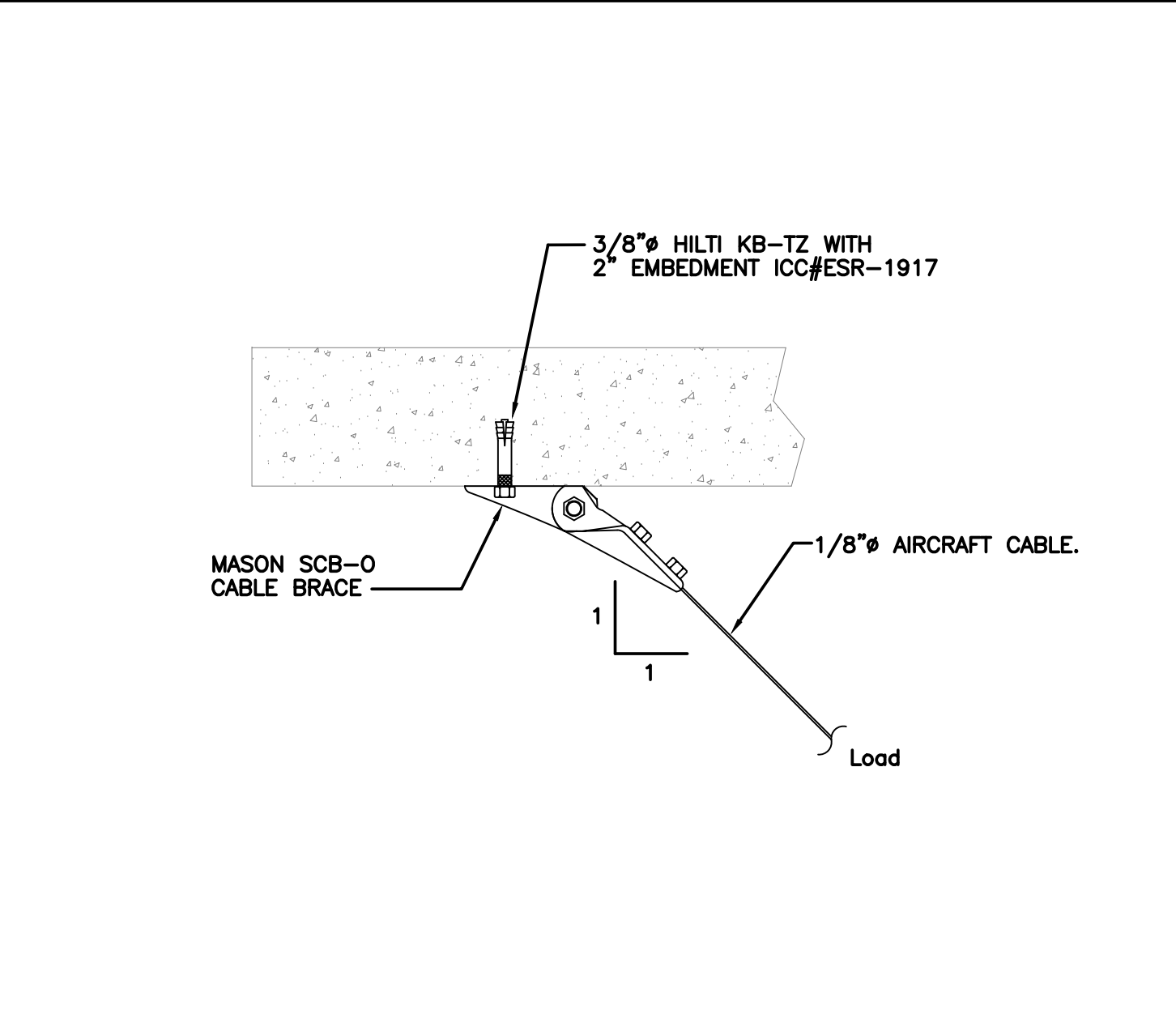
PIPING HANGER DETAIL SCALE: NONE 2

PIPES THRU RATED FLOORS SCALE: NONE 10



TYPICAL PIPE TRENCH DETAIL SCALE: NONE 9

TRAP PRIMER DETAIL SCALE: NONE 7



BRACE CONNECTION DETAIL SCALE: NONE 6

NOTES:
 3M FIRE BARRIER PRODUCTS:
 CALIFORNIA STATE FIRE MARSHALL LISTING
 NO. 4485-941:100
 UNINSULATED PIPE:
 U.L. DESIGN NO. WL1001 (STUD WALL)
 INSULATED PIPE:
 U.L. DESIGN NO. WL5001 (STUD WALL)

SPECIFICATIONS:
 PENETRATIONS IN FIRE RESTRICTIVE WALLS, PARTITIONS AND FLOORS WHERE PROTECTED OPENINGS ARE REQUIRED SHALL BE FIRE STOPPED USING APPROVED MATERIALS, SECURELY INSTALLED AND CAPABLE OF MAINTAINING THEIR INTEGRITY AND PREVENTING THE MOVEMENT OF FLAMES AND/OR GASES THROUGH THE VOID SPACES BETWEEN PENETRATING MATERIALS AND WALLS, PARTITIONS AND FLOORS WHEN TESTED IN ACCORDANCE WITH ASTM STANDARD E-814 OR UL STANDARD 1479

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DESIGNS ARE LISTED BY UNDERWRITER'S LABORATORIES (FIRE RESISTANCE DIRECTORY) AND THE CALIFORNIA STATE FIRE MARSHALL (BUILDING MATERIAL LISTINGS). SPECIFIC DESIGN INFORMATION IS AVAILABLE FROM U.L. CSFM OR THE PRODUCT MANUFACTURER.

FIRESTOP CONFIGURATION

1. WALL ASSEMBLY - THE 1 OR 2 HOUR FIRE-RATED GYPSUM WALLBOARD/ STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL AND PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:

- A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 LUMBER SPACED 16" OC. STEEL STUDS TO BE MIN 3-1/2" WIDE AND SPACED MAX 24" OC FOR 1 HOUR RATED WALLS. STEEL STUDS TO BE MIN. 2-1/2" WIDE AND SPACED MAX 24" OC FOR 2 HOUR RATED WALLS.
- B. GYPSUM BOARD - ONE OR TWO LAYERS OF NOM 5/8" THICK GYPSUM WALLBOARD, AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. MAX AREA OF OPENING IS 585 SQ. IN. WITH MAX DIMENSIONS OF 21" WIDE BY 27-7/8" HIGH.

THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY RATING OF THE WALL.

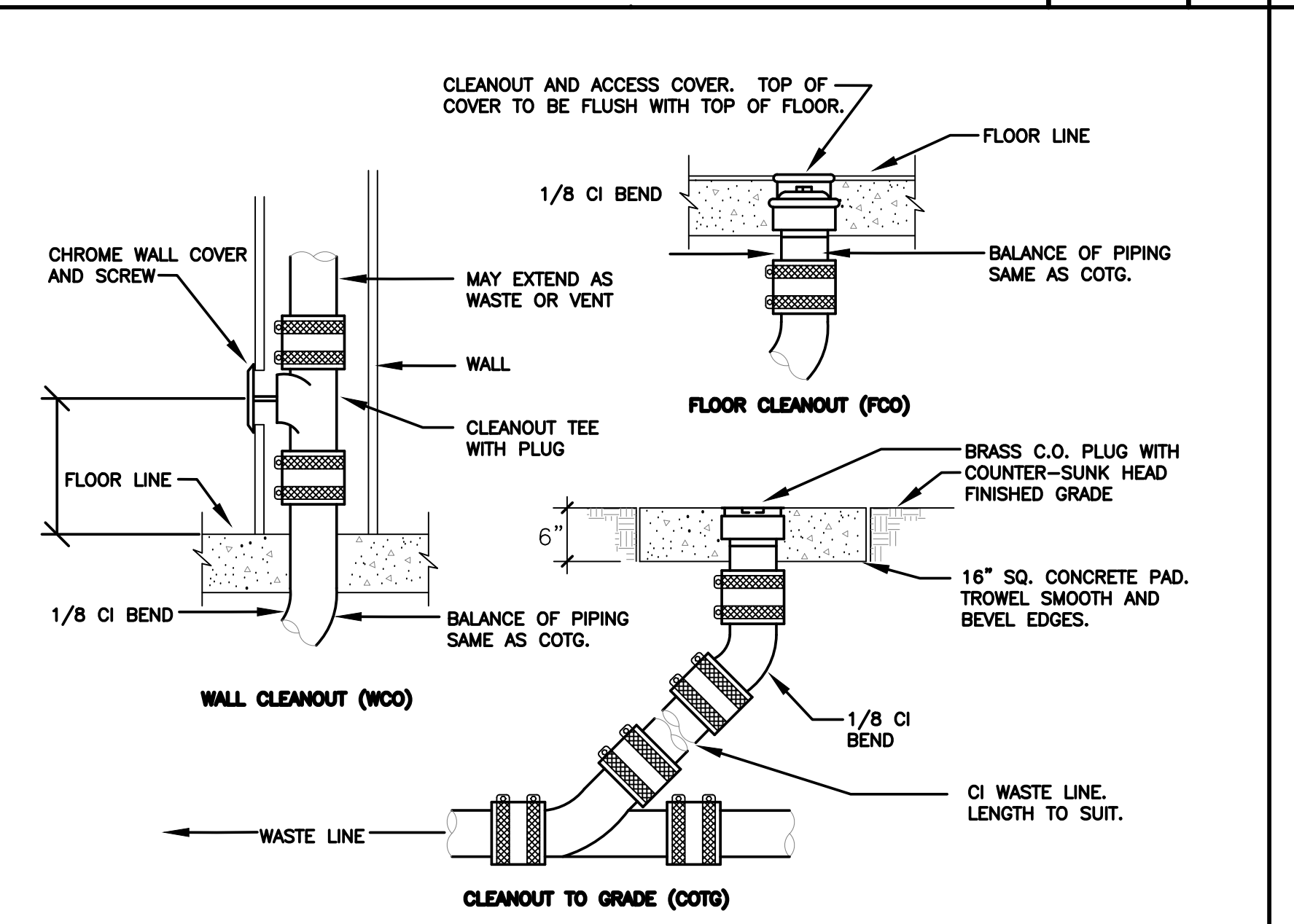
2. THROUGH-PENETRANTS - METALLIC PIPE, CONDUIT OR TUBING INSTALLED WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDERS OF WALL ASSEMBLY. THE FOLLOWING TYPES OF PIPE, CONDUIT OR TUBING MAY BE USED:

- A. STEEL PIPE - NOM 4" IN DIAMETER (OR SMALLER) SCHEDULE 5 (OR HEAVIER) STEEL PIPE.
- B. COPPER TUBING - NOM 3" IN DIAMETER (OR SMALLER) TYPE L (OR HEAVIER) COPPER TUBING.
- C. COPPER PIPE - NOM 3" IN DIAMETER (OR SMALLER) REGULAR (OR HEAVIER) COPPER PIPE.
- D. CONDUIT - NOM 4" IN DIAMETER (OR SMALLER) ELECTRICAL METALLIC TUBING (EMT) OR STEEL CONDUIT.

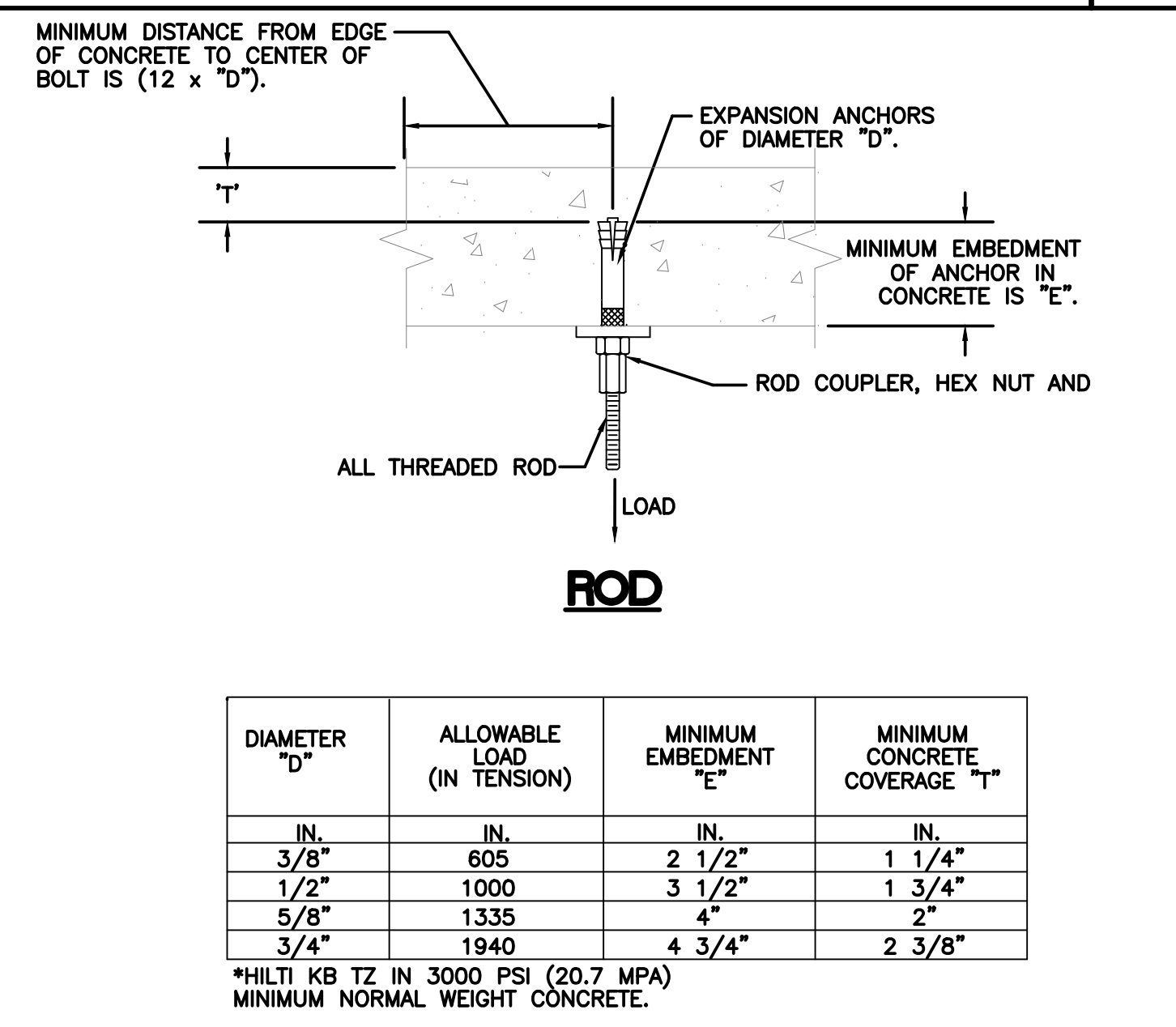
3. FIRESTOP SYSTEM - THE FIRESTOP SYSTEM SHALL CONSIST OF THE FOLLOWING.

- A. PACKING MATERIAL - MIN. 4" THICKNESS OF MIN. 4 PCF MINERAL WOOL BATT INSULATION PACKED AT 50 PERCENT COMPRESSION INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF FILL MATERIAL.
- B. FILL VOID OR CAVITY MATERIAL - SEALANT - MIN 3/8" THICKNESS OF FILL MATERIAL APPLIED WITHIN THE ANNULAR SPACE BETWEEN THE PIPE COVERING AND THE PERIPHERY OF THE OPENING, FLUSH WITH BOTH SURFACES OF WALL.
 3M COMPANY - FB-1000 NS OR FB-3000 WT.

PIPE THRU RATED WALLS SCALE: NONE 1



FLOOR/WALL CLEANOUT DETAILS SCALE: NONE 8

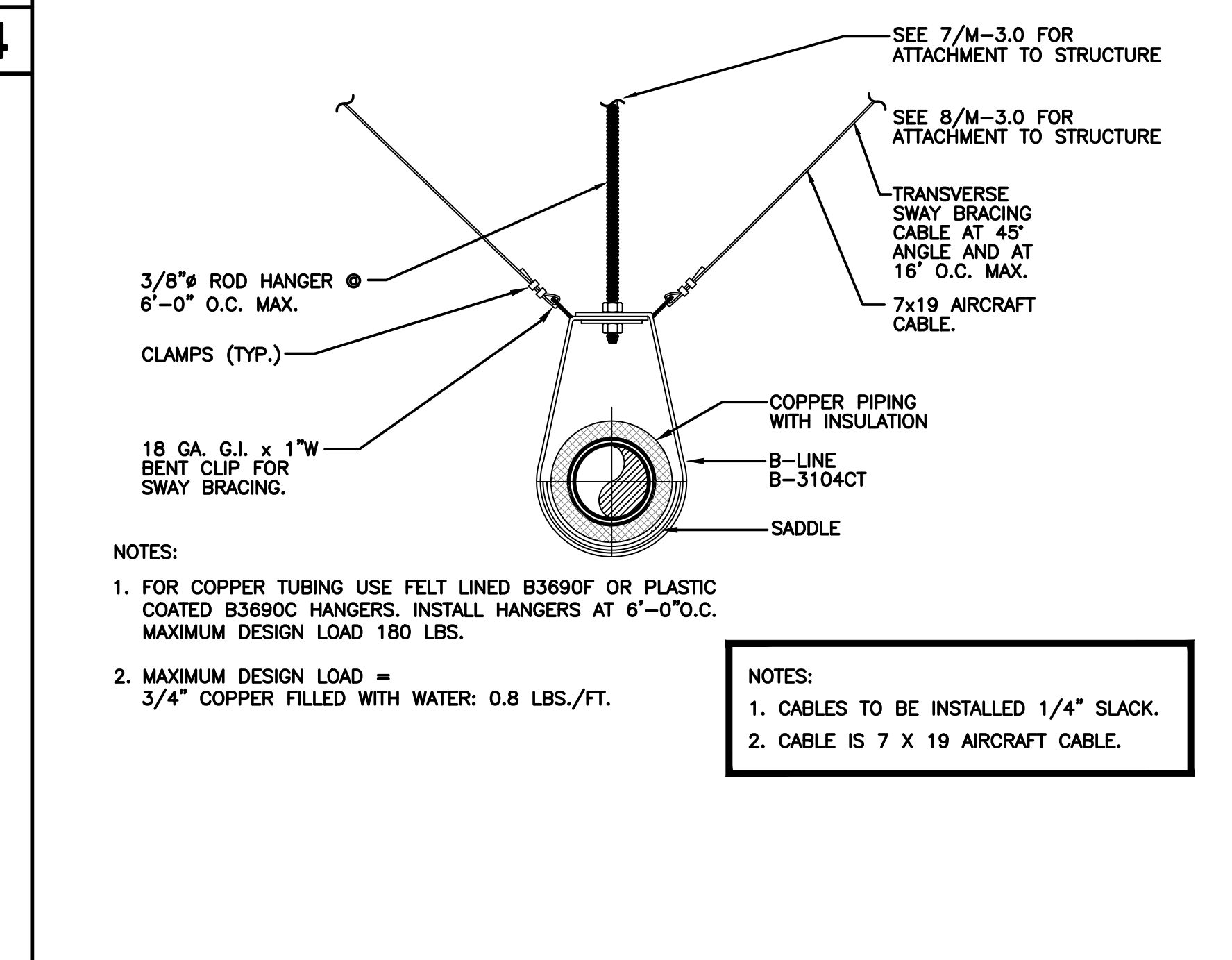


ROD ANCHORING DETAIL SCALE: NONE 5

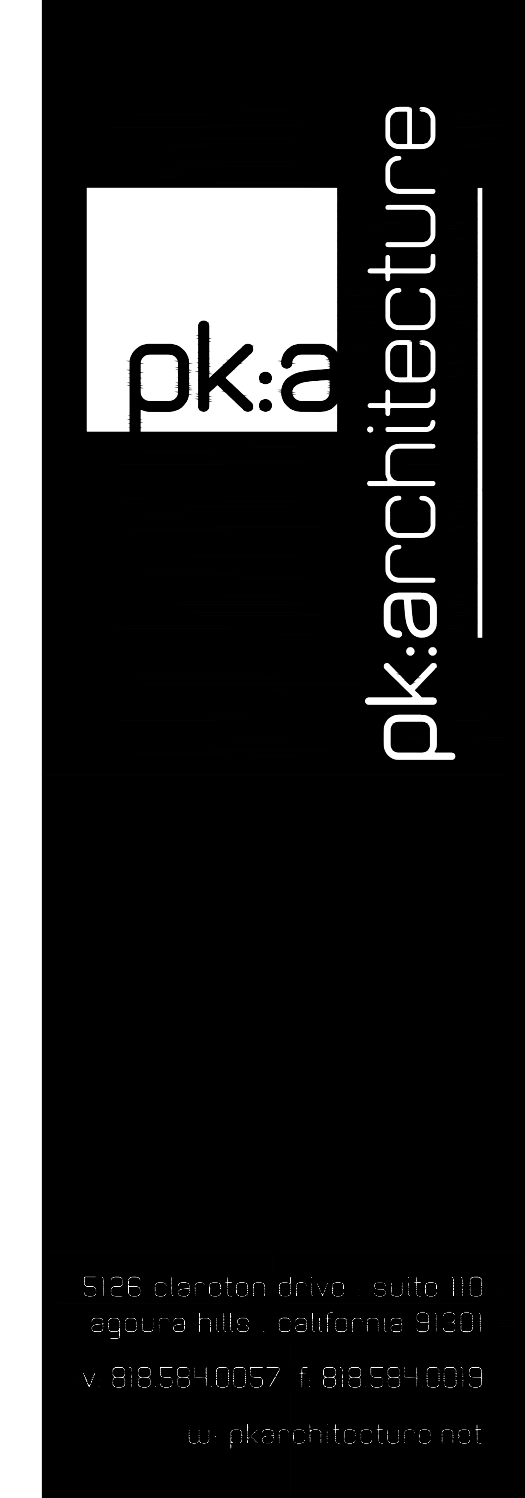
DIAMETER "D"	ALLOWABLE LOAD (IN TENSION)	MINIMUM EMBEDMENT "E"	MINIMUM CONCRETE COVERAGE "T"
IN.	IN.	IN.	IN.
3/8"	605	2 1/2"	1 1/4"
1/2"	1000	3 1/2"	1 3/4"
5/8"	1335	4"	2"
3/4"	1940	4 3/4"	2 3/8"

*HLTI KB TZ IN 3000 PSI (20.7 MPA) MINIMUM NORMAL WEIGHT CONCRETE.

PIPE THRU RATED WALLS SCALE: NONE 1



WALL SCALE: NONE 1



KEYVA S. SMOLA AND ASSOC., INC.
 CONSULTING MECHANICAL ENGINEERS
 18025 ARROW HAVEN, STE. C
 IRVINE, CALIFORNIA 92714
 (949) 255-9338 FAX (949) 255-0864



TENANT IMPROVEMENTS FOR:
 OXNARD UNION HIGH SCHOOL DISTRICT
 1800 N SOLAR DRIVE - 1st & 2nd Floors
 OXNARD, CALIFORNIA

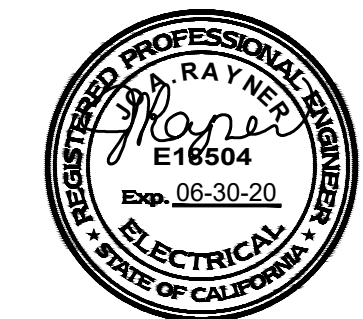
REVISION	DATE	DESCRIPTION
1	12/19/19	PLUM CHECK SUBMIT
2	2/24/20	BID ISSUE
3	4/3/20	BRCK CHECK 1

sheet title

PLUMBING DETAILS

drawn by: _____
 project no: 40039
 date: 4/3/20
 scale: PS 3/4"=1"

P3.0



TENANT IMPROVEMENTS FOR:

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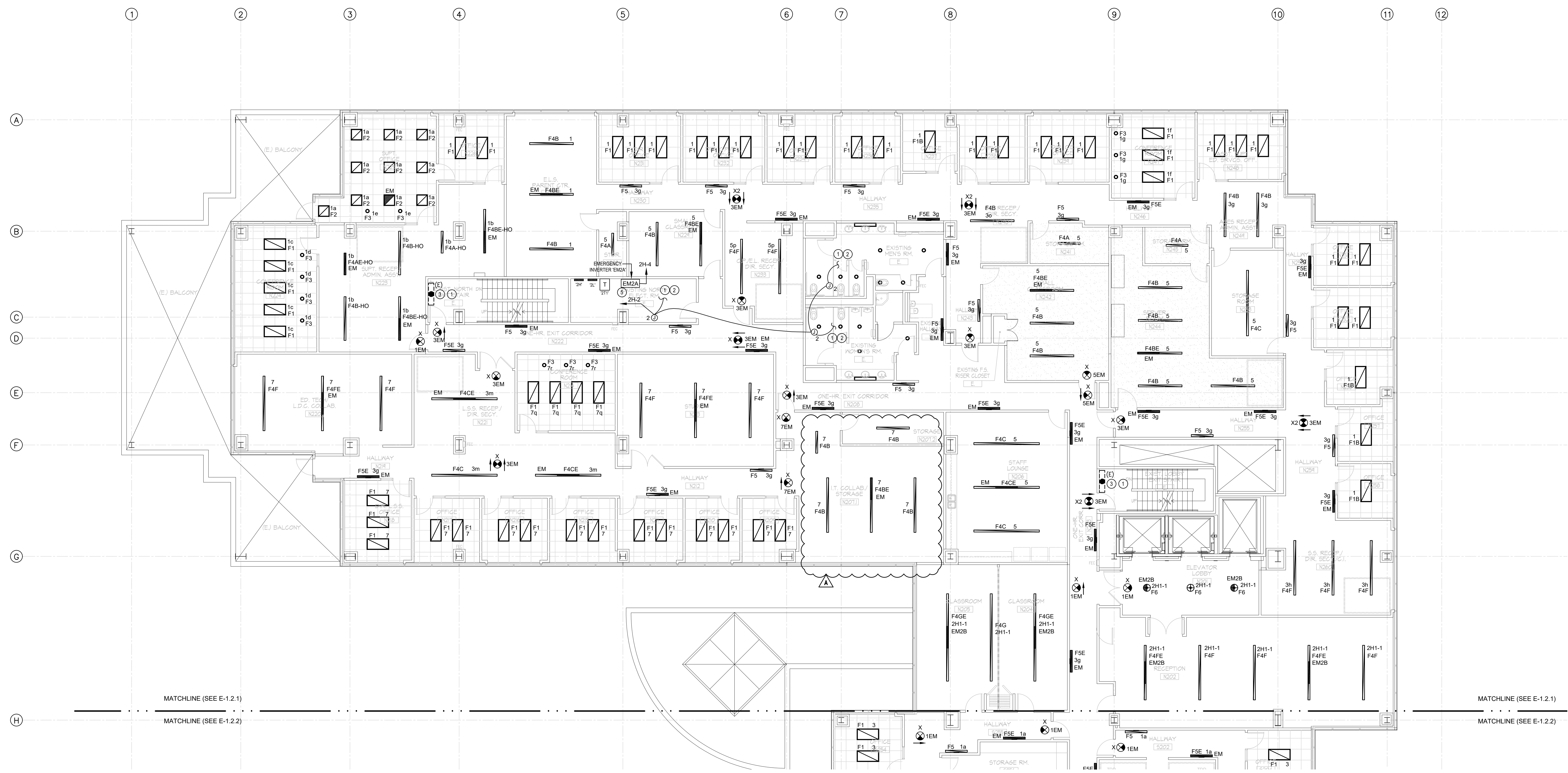
Δ	remarks	date
	PLAN CHECK	12/17/18
	BACK CHECK 1	04/03/20

sheet title

SECOND FLOOR LIGHTING PLAN (NORTH)

drawn by	
project no	18-56-50
date	
scale	

E-1.2.1



2ND FLOOR CIRCUITRY EXIT SIGNS SHOWN (TYPICAL)

NOTE: LIGHTING CONTROLS TO BE PLUG AND PLAY NIGHT CONTROL AS SPECIFIED, OR HUBBELL NX EQUIVALENT

1 SECOND FLOOR LIGHTING PLAN (NORTH)
E-1.2.1 1/8" = 1'-0"

LIGHT FIXTURE SCHEDULE NOTES:

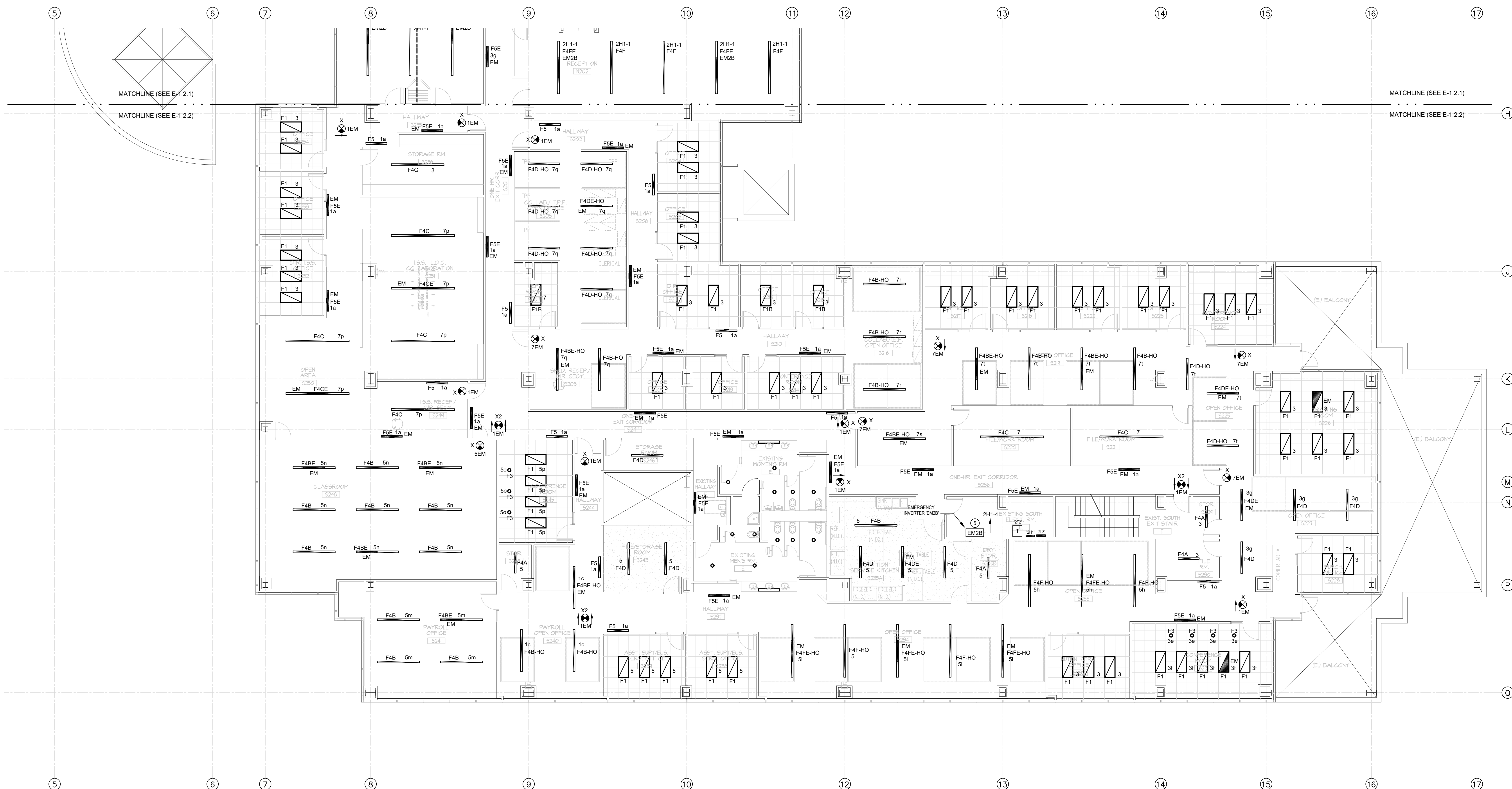
- PROVIDE LIGHTING FIXTURE SUBMITTALS INDICATING FIXTURE TYPE WITH CATALOG NUMBERS AND FINISHES. SUBMITTALS WITH NO INFORMATION INDICATED WILL BE REJECTED.
- PROVIDE ALL LIGHTING FIXTURES COMPLETE WITH LAMPS, CONNECTORS, MOUNTING BRACKETS, JUNCTION BOXES AND COMPLETELY WIRED, CONTROLLED AND SECURELY ATTACHED TO SUPPORTS. PROVIDE ADEQUATE SUPPORTS FOR EACH LIGHTING FIXTURE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING WEIGHTS AND MOUNTING METHODS OF ALL FIXTURES AND FOR PROVIDING SUITABLE SUPPORTS. FIXTURE MOUNTING ASSEMBLIES SHALL COMPLY WITH ALL LOCAL SEISMIC CODES AND REGULATIONS.
- THE LIGHTING FIXTURES AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE STANDARDS AND REGULATIONS OF THE FOLLOWING:
 - UNDERWRITERS LABORATORIES
 - NATIONAL ELECTRICAL CODE (WITH STATE AMENDMENTS)
 - LOCAL BUILDING AND LIFE SAFETY CODE AGENCIES
- CONTRACTOR IS RESPONSIBLE TO PROVIDE FINAL QUANTITIES OF THE REQUIRED LIGHTING FIXTURES PRIOR TO BID AND ORDERING. QUANTITY OF FIXTURES SHALL BE BASED ON FLOOR PLANS.
- AT THE COMPLETION OF CONSTRUCTION, CLEAN LENSES AND REFLECTORS OF ALL LIGHT FIXTURES SO AS TO RENDER THEM FREE OF ANY MATERIAL, SUBSTANCE OR FILM FOREIGN TO THE FIXTURE. BLEMISHED OR DAMAGED FIXTURES SHALL BE REPLACED IN A SATISFACTORY MANNER.

GENERAL NOTES:

- LIGHTING CIRCUITS SHOWN ON THIS SHEET TO BE HOMERUN TO PANEL '2H' UNLESS INDICATED OTHERWISE.
- EMERGENCY LIGHTING INDICATED AS "EM" TO BE HOMERUN TO EMERGENCY LIGHTING INVERTER "EM2A" UNLESS INDICATED OTHERWISE.
- EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED.
- EXISTING LIGHTING FIXTURES TO REMAIN ARE TO BE CLEANED AND RE-LAMPED AS REQUIRED.
- PROVIDE NEW WALL DEVICES, INCLUDING RECEPTACLES, SWITCHES, ETC. FOR EXISTING WALL-MOUNTED DEVICES TO REMAIN. PROVIDE NEW DEVICE PLATES THROUGHOUT. COLOR TO BE SELECTED BY ARCHITECT.
- CLEAN AND ADJUST EXISTING LIGHTING CONTROL SYSTEM TO REMAIN. PROVIDE NEW LIGHTING CONTROL DEVICES AS NEEDED FOR PROPER OPERATION. PROVIDE NEW WALL-MOUNTED LIGHTING CONTROL DEVICES. COLOR TO BE SELECTED BY ARCHITECT.
- EMERGENCY LIGHTING CONDUCTORS SHALL NOT SHARE A CONDUIT WITH NORMAL LIGHTING CONDUCTORS.
- PROVIDE UNSWITCHED HOT CONDUCTOR AHEAD OF CONTACTOR FOR EXIT SIGNS AND FIXTURES WITH EMERGENCY BALLASTS.
- PROVIDE NEW LAMPS FOR ALL FIXTURES THAT ARE EXISTING TO REMAIN.
- ALL OFFICES, OPEN OFFICES, RECEPTION, AND SIMILAR AREAS TO BE PROVIDED WITH DIMMER SWITCHES.

KEY NOTES:

- EXISTING LIGHTING AND LOCAL LIGHTING CONTROLS IN THIS AREA TO REMAIN. REVISE EXISTING CIRCUITRY AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS. CONNECT CIRCUITS SERVING EXISTING LIGHTING TO REMAIN TO NEW RELAY PANEL AND/OR RELAY/DIMMER PACK AND INTERLOCK WITH NEW LIGHTING CONTROL SYSTEM. VERIFY QUANTITY AND TYPE OF CONTROL DEVICES NEEDED WITH MANUFACTURER.
NOTE: EXISTING FIXTURES MAY BE 120V OR 277V. FIELD VERIFY EXISTING VOLTAGE PRIOR TO ENERGIZING. SEE GENERAL NOTES.
- CONNECT TO EXISTING CIRCUIT SERVING EXISTING LIGHTING TO REMAIN. ROUTE NEW HOMERUN TO PANEL AS REQUIRED.
- REPLACE EXISTING COMPACT FLUORESCENT FIXTURE WITH NEW DIMMABLE LED FIXTURE TYPE F7. PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.
- EXISTING LED RECESSED CAN TO REMAIN WHERE INDICATED WITH (E). RE-CIRCUIT AND PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.
- EXISTING RECESSED DECORATIVE FLUORESCENT FIXTURE TO REMAIN. RE-CIRCUIT AND PROVIDE NEW TITLE 24-COMPLIANT CONTROLS.
- EXISTING DECORATIVE PENDANT FIXTURES IN THIS AREA TO BE REMOVED, CLEANED, AND REINSTALLED IN RECEPTION AREA. SEE FIXTURE TYPE F3.
- PROVIDE 1.5 KVA LIGHTING INVERTER 'EM1' WITH 277V INPUT, 277 V OUTPUT, 3-20/1 OUTPUT CIRCUIT BREAKERS, INTERNAL MAINTENANCE BYPASS, REMOTE SUMMARY ALARM PANEL, AND FACTORY STARTUP / TRAINING. PROVIDE #12, 1#12G FEEDER FROM PANEL '3H1'. MYERS POWER PRODUCTS # 6 IE 1 S-B D 203 A C M T 2YW. SEE SPECIFICATIONS SHEETS ON E-1.2.
- EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION. TYPICAL FOR ONE FIXTURE ON EACH FLOOR (FLOORS 1, 2, AND 3).
- EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION.



1 SECOND FLOOR LIGHTING PLAN (SOUTH)
E-1.2.2 1/8" = 1'-0"

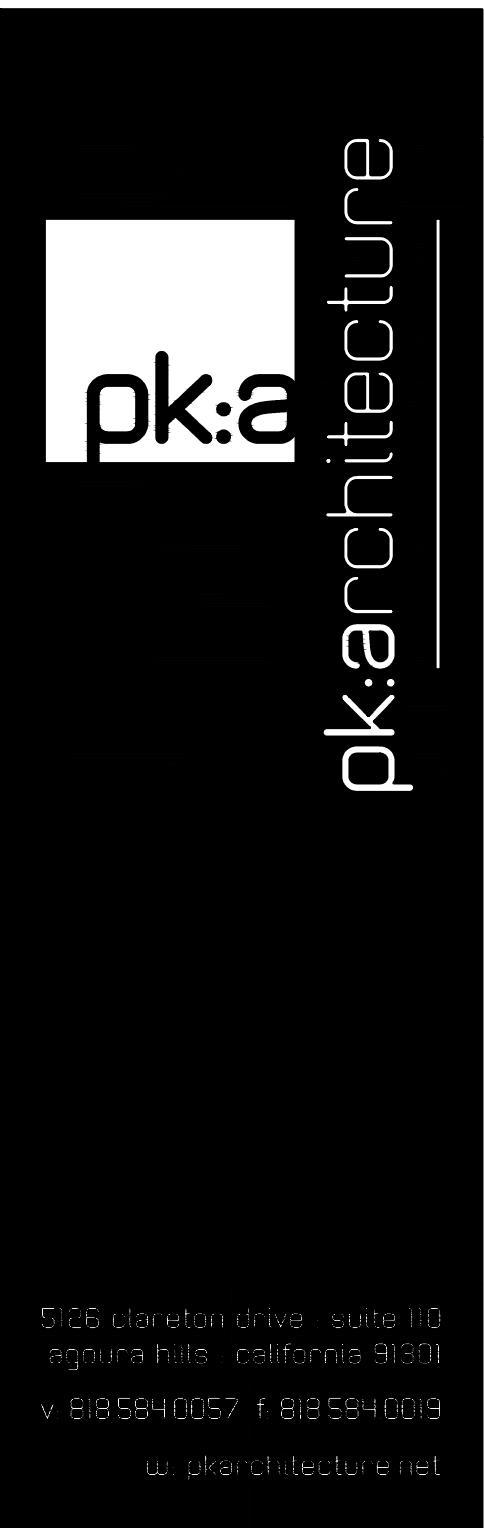
2ND FLOOR CIRCUITRY EXIT SIGNS SHOWN (TYPICAL)

GENERAL NOTES:

- A. LIGHTING CIRCUITS SHOWN ON THIS SHEET TO BE HOMERUN TO PANEL "2H1" UNLESS INDICATED OTHERWISE.
- B. EMERGENCY LIGHTING INDICATED AS "EM" TO BE HOMERUN TO EMERGENCY LIGHTING INVERTER "EM2B" UNLESS INDICATED OTHERWISE.
- C. EXISTING CONDUIT IN GOOD CONDITION MAY BE REUSED.
- D. EXISTING LIGHTING FIXTURES TO REMAIN ARE TO BE CLEANED AND RE-LAMPED AS REQUIRED.
- E. PROVIDE NEW WALL DEVICES, INCLUDING RECEPTACLES, SWITCHES, ETC. FOR EXISTING WALL-MOUNTED DEVICES TO REMAIN. PROVIDE NEW DEVICE PLATES THROUGHOUT. COLOR TO BE SELECTED BY ARCHITECT.
- F. CLEAN AND ADJUST EXISTING LIGHTING CONTROL SYSTEM TO REMAIN. PROVIDE NEW LIGHTING CONTROL DEVICES AS NEEDED FOR PROPER OPERATION. PROVIDE NEW WALL-MOUNTED LIGHTING CONTROL DEVICES. COLOR TO BE SELECTED BY ARCHITECT.
- G. EMERGENCY LIGHTING CONDUCTORS SHALL NOT SHARE A CONDUIT WITH NORMAL LIGHTING CONDUCTORS.
- H. PROVIDE UNSWITCHED HOT CONDUCTOR AHEAD OF CONTACTOR FOR EXIT SIGNS AND FIXTURES WITH EMERGENCY BALLASTS.
- I. PROVIDE NEW LAMPS FOR ALL FIXTURES THAT ARE EXISTING TO REMAIN.
- J. ALL OFFICES, OPEN OFFICES, RECEPTION, AND SIMILAR AREAS TO BE PROVIDED WITH DIMMER SWITCHES.

KEY NOTES:

1. EXISTING LIGHTING AND LOCAL LIGHTING CONTROLS IN THIS AREA TO REMAIN. REVISE EXISTING CIRCUITRY AS REQUIRED TO MAINTAIN CONTINUITY OF CIRCUITS SERVING EXISTING LIGHTING FIXTURES AND LIGHTING CONTROLS. CONNECT CIRCUITS SERVING EXISTING LIGHTING TO REMAIN TO NEW RELAY PANEL AND/OR RELAY/DIMMER PACK AND INTERLOCK WITH NEW LIGHTING CONTROL SYSTEM. VERIFY QUANTITY AND TYPE OF CONTROL DEVICES NEEDED WITH MANUFACTURER.
NOTE: EXISTING FIXTURES MAY BE 120V OR 277V. FIELD VERIFY EXISTING VOLTAGE PRIOR TO ENERGIZING. SEE GENERAL NOTES.
2. CONNECT TO EXISTING CIRCUIT SERVING EXISTING LIGHTING TO REMAIN. ROUTE NEW HOMERUN TO PANEL AS REQUIRED.
3. REPLACE EXISTING COMPACT FLUORESCENT FIXTURE WITH NEW DIMMABLE LED FIXTURE TYPE F7. PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.
4. EXISTING LED RECESSED CAN TO REMAIN WHERE INDICATED WITH (E). RE-CIRCUIT AND PROVIDE NEW TITLE 24-COMPLIANT LIGHTING CONTROLS.
5. EXISTING RECESSED DECORATIVE FLUORESCENT FIXTURE TO REMAIN. RE-CIRCUIT AND PROVIDE NEW TITLE 24-COMPLIANT CONTROLS.
6. EXISTING DECORATIVE PENDANT FIXTURES IN THIS AREA TO BE REMOVED, CLEANED, AND REINSTALLED IN RECEPTION AREA. SEE FIXTURE TYPE F3.
7. PROVIDE 1.5 KVA LIGHTING INVERTER "EM2" WITH 277V INPUT, 277V OUTPUT, 3-20/1 OUTPUT CIRCUIT BREAKERS, INTERNAL MAINTENANCE BYPASS, REMOTE SUMMARY ALARM PANEL, AND FACTORY STARTUP / TRAINING. PROVIDE 2#12, 1#12G FEEDER FROM PANEL "3H2". MYERS POWER PRODUCTS # 6 IE 1 S-B D 203 A C M T 2YV. SEE SPECIFICATION SHEETS, THIS DRAWING.
8. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION. TYPICAL FOR ONE FIXTURE ON EACH FLOOR (FLOORS 1, 2, AND 3).
9. EXISTING EMERGENCY LIGHTING FIXTURE WITH INTEGRAL BATTERY. TEST FIXTURE FOR PROPER OPERATION. REPLACE BATTERY OR OTHER COMPONENTS AS NEEDED TO RESTORE PROPER OPERATION.



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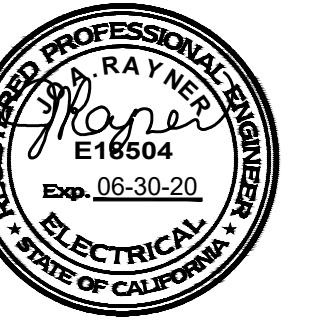
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SECOND FLOOR LIGHTING PLAN (SOUTH)

drawn by
project no
date
scale

E-1.2.2



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BACK CHECK 1	04/03/20

sheet title

FIRST FLOOR LIGHTING CONTROLS PLAN

drawn by
project no
date
scale

E-2.1.1



1 FIRST FLOOR LIGHTING CONTROLS PLAN
E-2.1.1 NOT TO SCALE

BACKBONE WIRING DIAGRAM
exact configuration to be determined by contractor based upon field conditions, this diagram is for reference purposes only.



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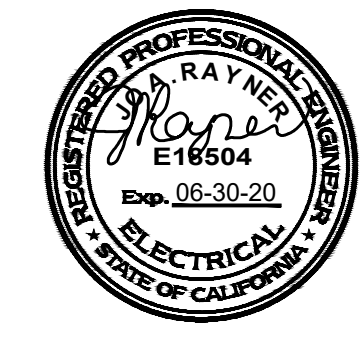
FIRST FLOOR
EMERGENCY
PHOTOMETRICS

drawn by
project no
date
scale

1 FIRST FLOOR EMERGENCY LIGHTING PHOTOMETRICS
E-3.1.1 NOT TO SCALE



1 SECOND FLOOR EMERGENCY LIGHTING PHOTOMETRICS
E-3.2.1 NOT TO SCALE



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BACK CHECK 1	04/03/20

sheet title

SECOND FLOOR
EMERGENCY
PHOTOMETRICS

drawn by
project no 18-66-60
date
scale



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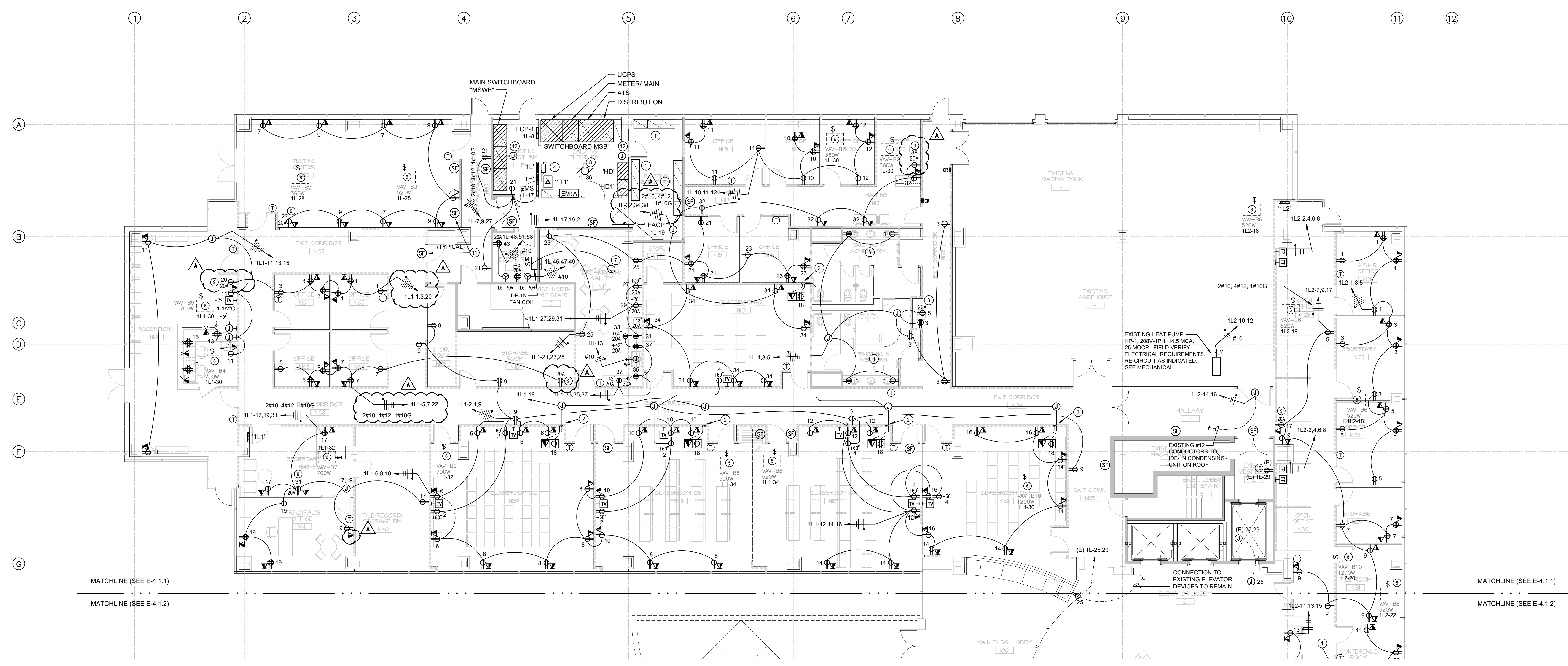
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sheet title

FIRST FLOOR POWER PLAN (NORTH)

drawn by
project no
date
scale

E-4.1.1



1 FIRST FLOOR POWER PLAN (NORTH)
E-4.1.1 1/8" = 1'-0"

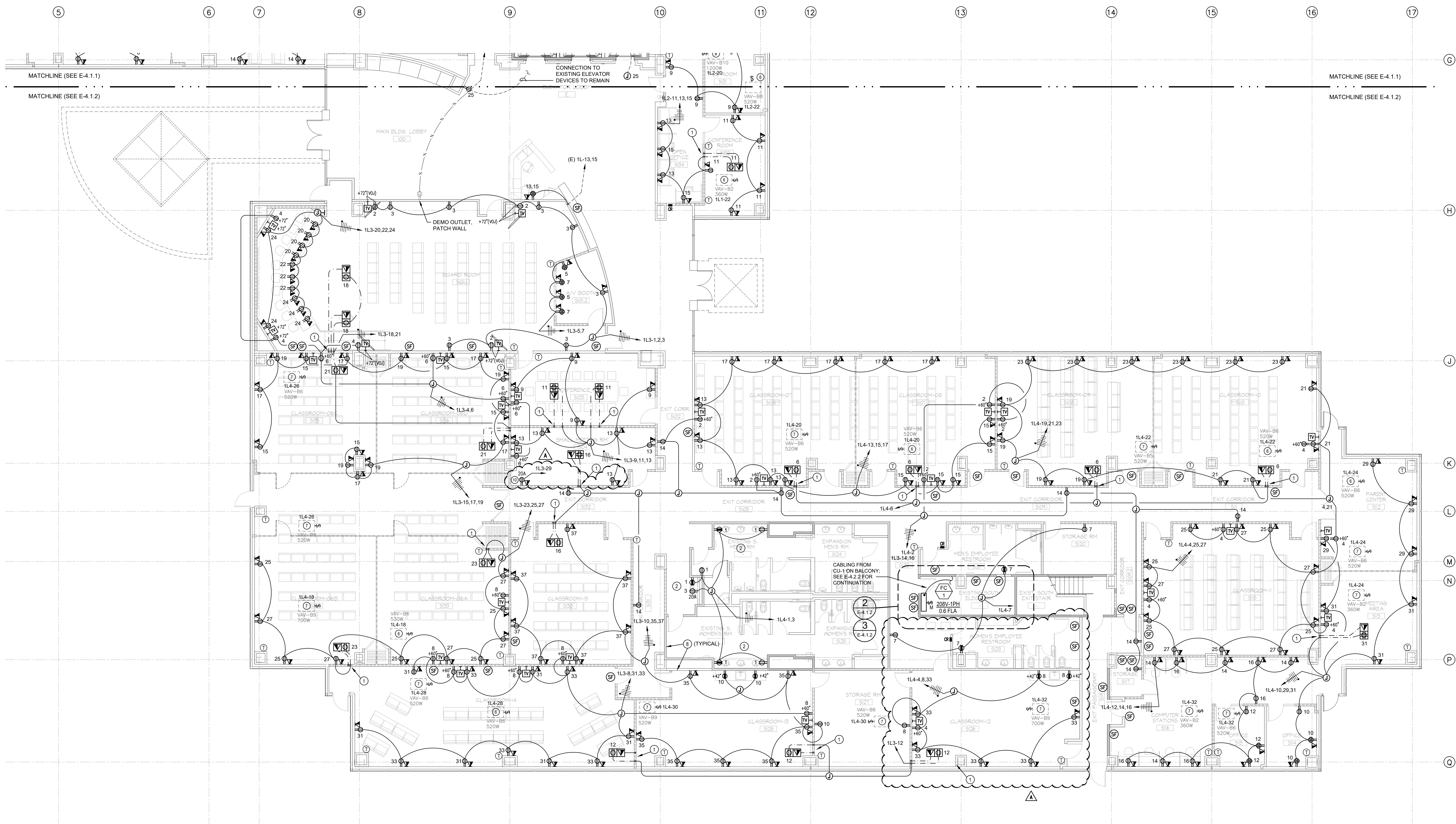
SMOKE/ FIRE DAMPER CONNECTION LOCATIONS AND QUANTITIES HAVE BEEN REVISED THROUGHOUT.

KEY NOTES:

- EXISTING UPS SYSTEM EQUIPMENT TO BE DISCONNECTED, REMOVE ALL ASSOCIATED WIRING AND CONDUIT.
- PROVIDE 3/4" FOR POWER AND 1-1/4" FOR DATA BELOW GRADE TO FLOOR BOX. FIELD VERIFY FINAL LOCATION OF FLOOR BOX WITH TENANT/ FURNITURE VENDOR PRIOR TO INSTALLATION.
- RESTROOM AND DRINKING FOUNTAIN RECEPTACLES ARE EXISTING. REPLACE WITH NEW AS INDICATED AND RE-CIRCUIT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS.
- EXISTING TRANSFORMERS IN GOOD CONDITION MAY BE CLEANED AND REUSED.
- NEW VAV BOX. SEE MECHANICAL.
- EXISTING VAV BOX TO BE RELOCATED. EXTEND OR PROVIDE NEW CONDUCTORS AND RE-CIRCUIT AS INDICATED. SEE MECHANICAL.
- INTERCEPT CONDUCTORS FROM EXISTING FAN COIL UNIT TO BE RELOCATED. EXTEND TO NEW LOCATION, AND RECONNECT. SEE MECHANICAL FOR ADDITIONAL INFORMATION.
- EXISTING ELECTRICAL ROOM EXHAUST FAN TO REMAIN. RE-CIRCUIT AS INDICATED.
- PROVIDE #10 CONDUCTORS FOR DEDICATED COPIER RECEPTACLE.
- REPLACE EXISTING DEVICE TO REMAIN WITH NEW DEVICE AND COVERPLATE AND VERIFY PROPER OPERATION.
- ALL SMOKE/ FIRE DAMPERS THIS SHEET SHALL BE CIRCUITED WITH #12 CONDUCTORS TO 1L1-39.
- INTERCEPT EXISTING TRANSFORMER "2TR1" FEEDER AT PANEL "HD1" AND EXTEND TO SWITCHBOARD "MSWB". PROVIDE NEW BREAKER AND RECONNECT TO POWER 2ND FLOOR TRANSFORMER "2T6". SEE ONE-LINE.

GENERAL SHEET NOTES:

- PROVIDE CONDUIT, J-BOXES, AND BACKBOXES AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE HVAC LOW VOLTAGE CONTROLS AS INDICATED ON THE MECHANICAL PLANS.
- ALL ROOFTOP EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.
- FIELD VERIFY FINAL LOCATIONS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS PRIOR TO ROUGH-IN.
- ROOFTOP EQUIPMENT/ DEVICES SHALL BE WEATHERPROOF TYPE.
- CONDUITS FEEDING ROOFTOP EQUIPMENT/ DEVICES SHALL BE LESS THAN 5' SOLAR EXPOSED.
- PROVIDE FINAL CONNECTIONS PER EQUIPMENT LABEL.
- ALL ROOF PENETRATION SHALL BE SEALED BY A LICENSED ROOFER.
- ALL CONDUIT INSTALLED ON ROOF SHALL BE IMC OR RGC.
- FOR THE CONNECTION BETWEEN THE INDOOR AND OUTDOOR FAN COIL UNIT, PROVIDE OUTDOOR AND WATERPROOF CONNECTION CABLE RATED MINIMUM 300V AND CONFORMING TO 60245 IEC 57.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF NEW FLOOR BOXES.
- REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING VAV BOXES, FAN COILS, THERMOSTAT, FIRE/SMOKE DAMPERS, ETC.



1 FIRST FLOOR POWER PLAN (SOUTH)
E-4.1.2 1/8" = 1'-0"

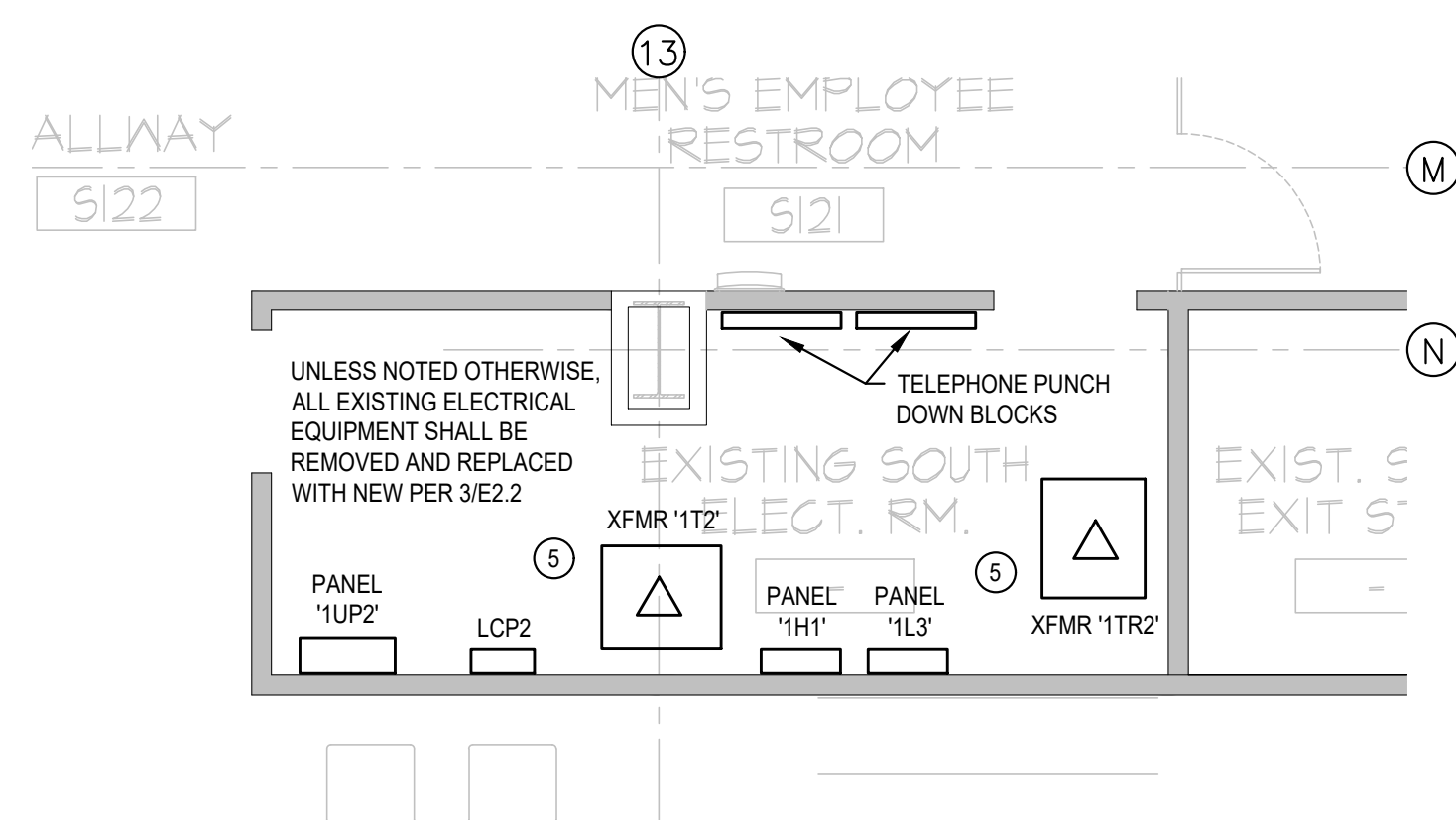
GENERAL NOTES:

1. PROVIDE 3/4" C FOR POWER AND 1-1/4" C FOR DATA BELOW GRADE TO FLOOR BOX. FIELD VERIFY FINAL LOCATION OF FLOOR BOX WITH TENANT/ FURNITURE VENDOR PRIOR TO INSTALLATION.
2. RESTROOM AND DRINKING FOUNTAIN RECEPTACLES ARE EXISTING. REPLACE WITH NEW AS INDICATED AND RE-CIRCUIT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS.
3. PROVIDE TELECOMMUNICATIONS BACKBOARD PER 2/E-0.0.1.
4. EXTEND 4#4/0, 1#4G - 2 1/2" C TO NEW PANEL '1H1' LOCATION.
5. EXISTING TRANSFORMERS IN GOOD CONDITION MAY BE CLEANED AND REUSED.
6. NEW VAV BOX. SEE MECHANICAL.
7. EXISTING VAV BOX TO BE RELOCATED. EXTEND OR PROVIDE NEW CONDUCTORS AND RE-CIRCUIT AS INDICATED. SEE MECHANICAL.
8. ALL SMOKE/ FIRE DAMPERS THIS SHEET SHALL BE CIRCUITED WITH #12 CONDUCTORS TO 1L3-39.
9. EXISTING ELECTRICAL ROOM EXHAUST FAN TO REMAIN. RE-CIRCUIT AS INDICATED.
10. PROVIDE #10 CONDUCTORS FOR DEDICATED COPIER RECEPTACLE.

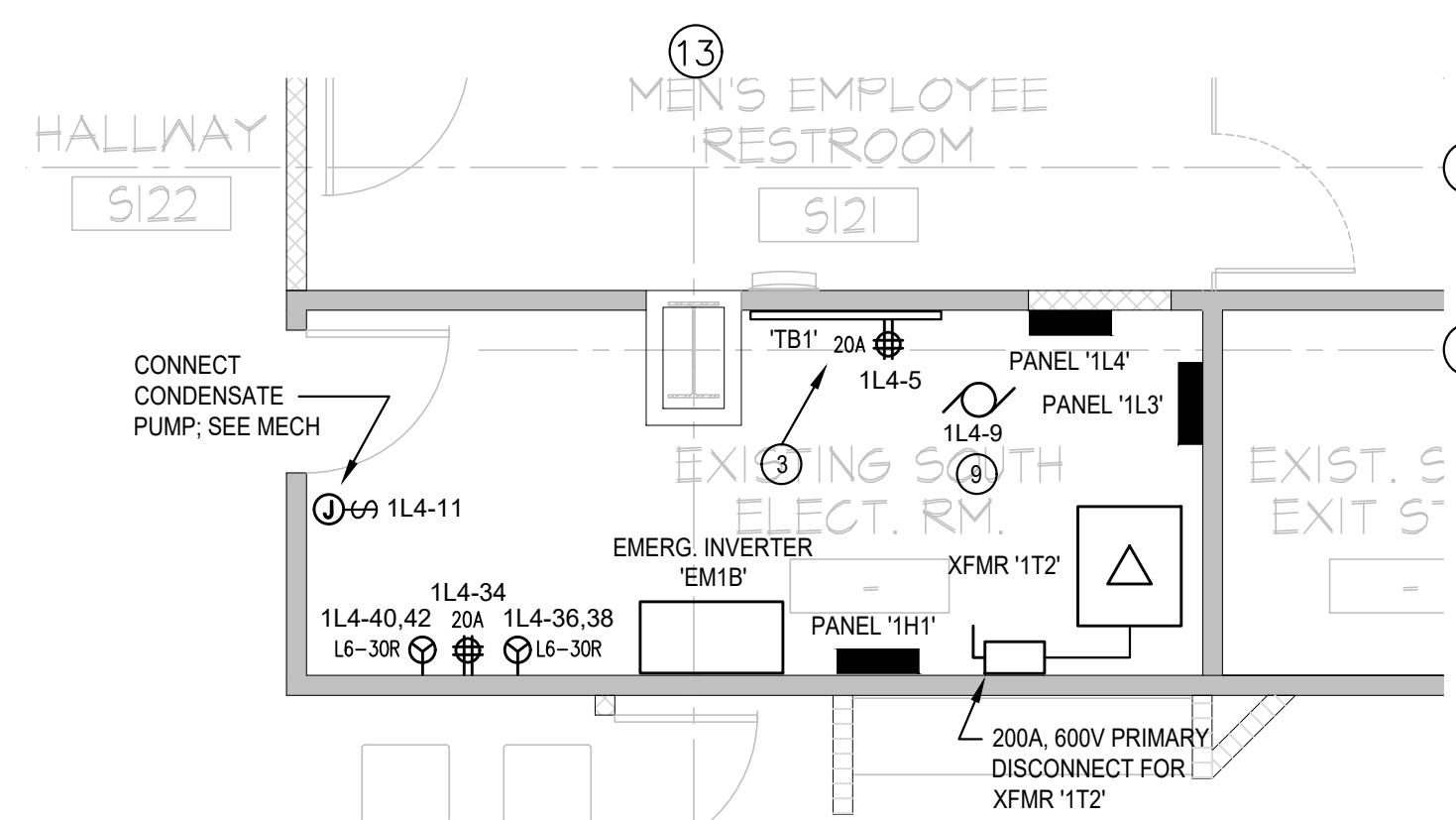
GENERAL SHEET NOTES:

- A. PROVIDE CONDUIT, J-BOXES, AND BACKBOXES AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE HVAC LOW VOLTAGE CONTROLS AS INDICATED ON THE MECHANICAL PLANS.
- B. ALL ROOFTOP EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.
- C. FIELD VERIFY FINAL LOCATIONS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS PRIOR TO ROUGH-IN.
- D. ROOFTOP EQUIPMENT/ DEVICES SHALL BE WEATHERPROOF TYPE.
- E. CONDUITS FEEDING ROOFTOP EQUIPMENT/ DEVICES SHALL BE LESS THAN 5' SOLAR EXPOSED.
- F. PROVIDE FINAL CONNECTIONS PER EQUIPMENT LABEL.
- G. ALL ROOF PENETRATION SHALL BE SEALED BY A LICENSED ROOFER.
- H. ALL CONDUIT INSTALLED ON ROOF SHALL BE IMC OR RGC.
- I. FOR THE CONNECTION BETWEEN THE INDOOR AND OUTDOOR FAN COIL UNIT, PROVIDE OUTDOOR AND WATERPROOF CONNECTION CABLE RATED MINIMUM 300V AND CONFORMING TO 60245 IEC 57.
- J. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF NEW FLOOR BOXES.
- K. REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING VAV BOXES, FAN COILS, THERMOSTATS, FIRE/SMOKE DAMPERS, ETC.

SMOKE/ FIRE DAMPER CONNECTION LOCATIONS AND QUANTITIES HAVE BEEN REVISED THROUGHOUT.



2 ENLARGED SOUTH ELECTRICAL ROOM DEMOLITION PLAN
E-4.1.2 1/4" = 1'-0"



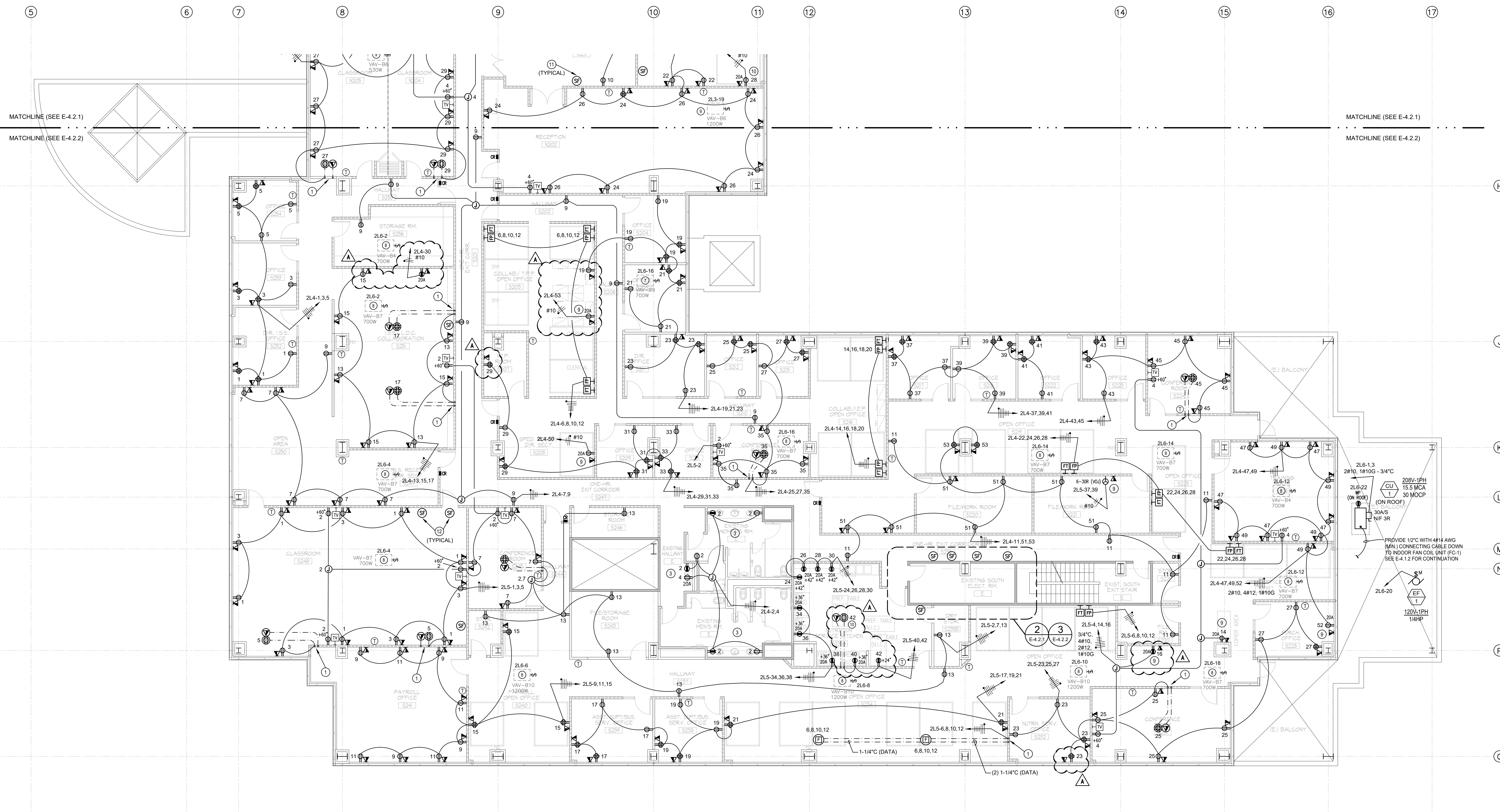
3 ENLARGED SOUTH ELECTRICAL ROOM NEW CONSTRUCTION PLAN
E-4.1.2 1/4" = 1'-0"



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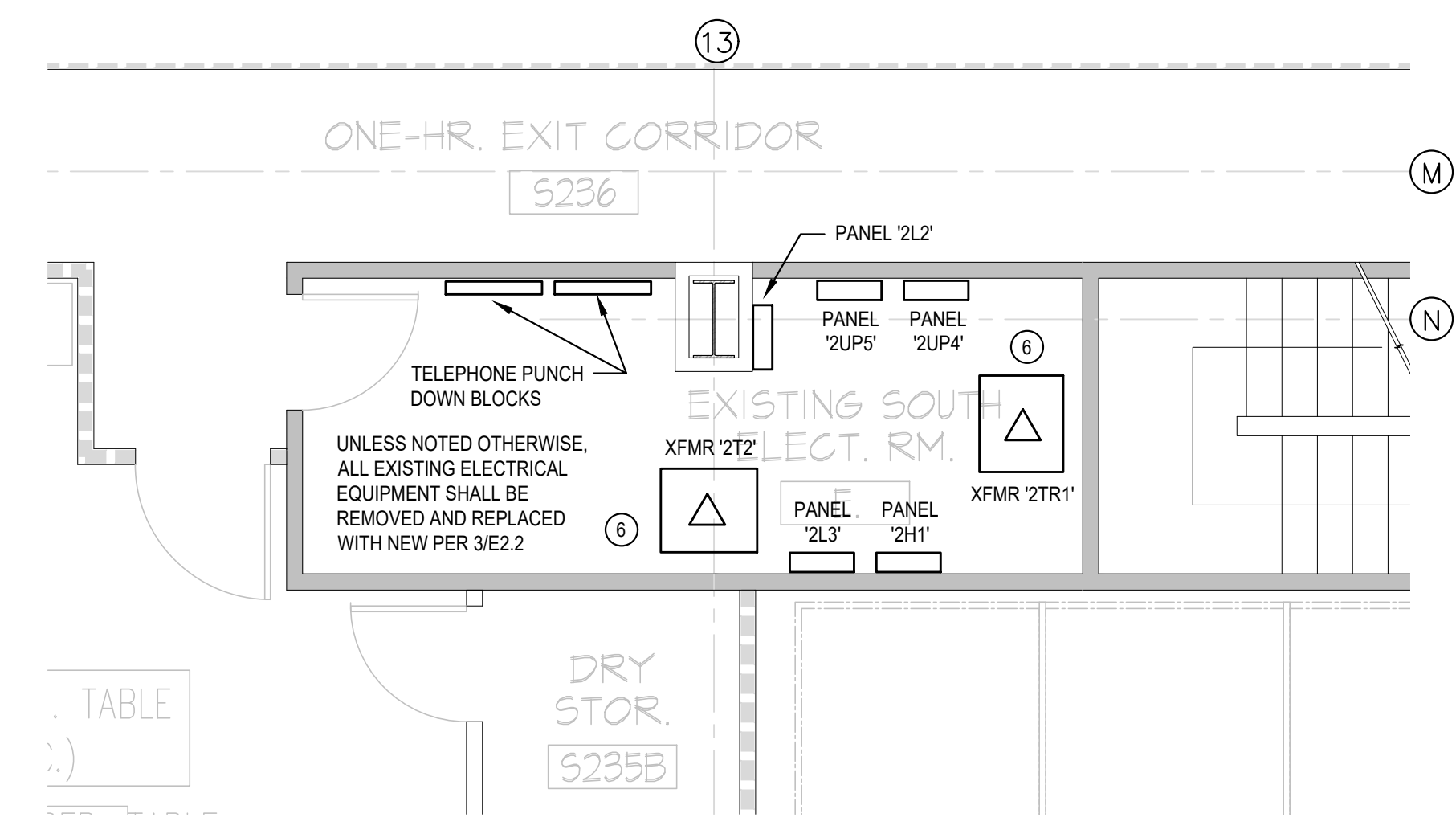
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Sheet Title	Drawn By	Project No.	Date	Scale
FIRST FLOOR POWER PLAN (SOUTH)		18-56-60		

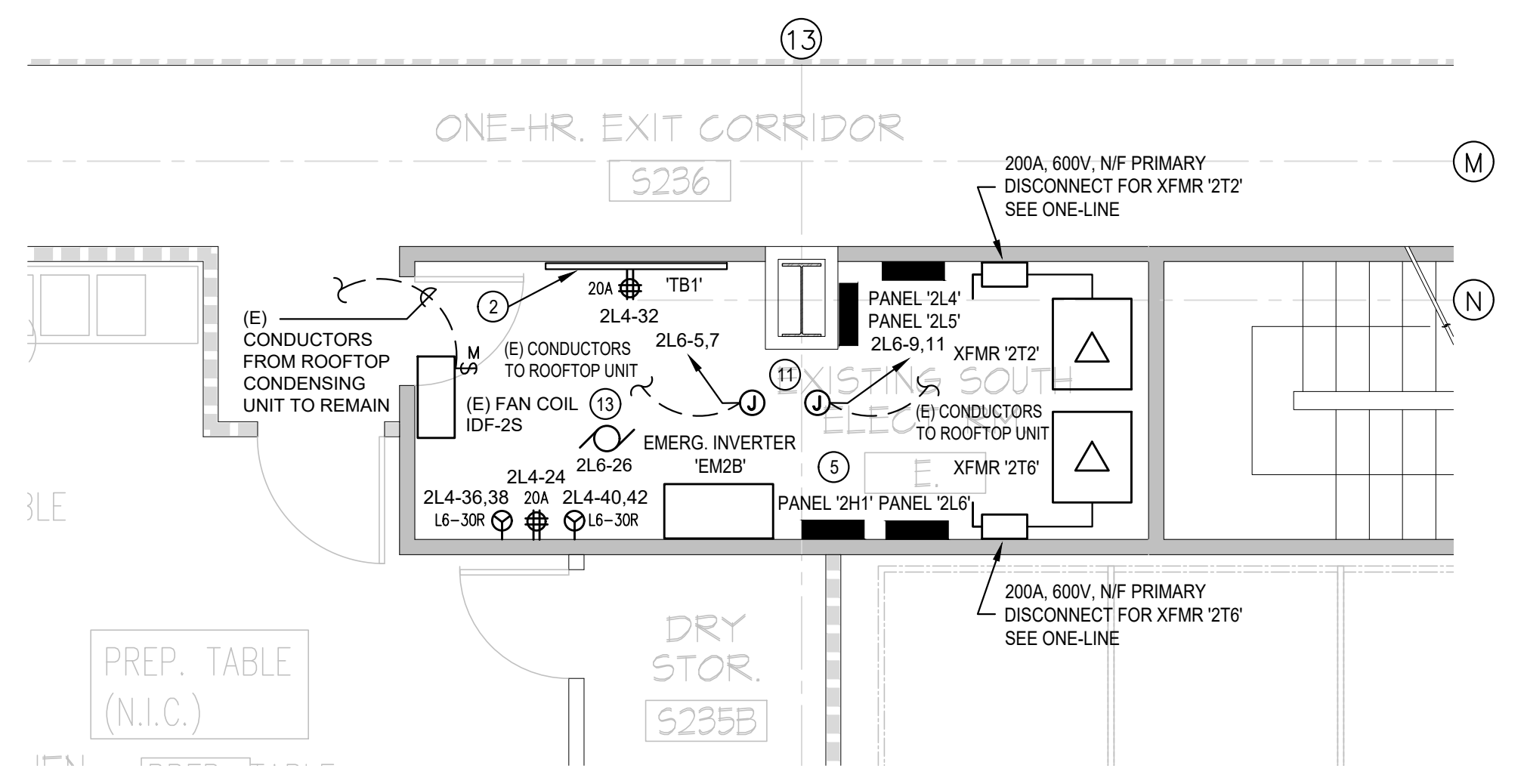


1 SECOND FLOOR POWER PLAN (SOUTH)
E-4.2.2 1/8" = 1'-0"

SMOKE/FIRE DAMPER CONNECTION LOCATIONS AND QUANTITIES HAVE BEEN REVISED THROUGHOUT.



2 ENLARGED SOUTH ELECTRICAL ROOM DEMOLITION PLAN
E-4.2.2 1/4" = 1'-0"



3 ENLARGED SOUTH ELECTRICAL ROOM NEW CONSTRUCTION PLAN
E-4.2.2 1/4" = 1'-0"

KEY NOTES:

- PROVIDE 3/4" FOR POWER AND 1-1/4" FOR DATA BELOW GRADE TO FLOOR BOX. FIELD VERIFY FINAL LOCATION OF FLOOR BOX WITH TENANT/FURNITURE VENDOR PRIOR TO CORING.
- PROVIDE TELECOMMUNICATIONS BACKBOARD PER 2/E-0.1.
- RESTROOM AND DRINKING FOUNTAIN RECEPTACLES ARE EXISTING. REPLACE WITH NEW AS INDICATED AND RE-CIRCUIT AS REQUIRED PER THE CONSTRUCTION DOCUMENTS.
- NOT USED
- EXTEND 4#10, 1#4G - 2 1/2" C FEEDER TO NEW PANEL '2H1' LOCATION.
- EXISTING TRANSFORMERS IN GOOD CONDITION MAY BE CLEANED AND REUSED.
- NEW VAV BOX. SEE MECHANICAL.
- EXISTING VAV BOX TO BE RELOCATED. EXTEND OR PROVIDE NEW CONDUCTORS AND RE-CIRCUIT AS INDICATED. SEE MECHANICAL.
- PROVIDE #10 CONDUCTORS FOR DEDICATED COPIER RECEPTACLE.
- PROVIDE GFCI PROTECTION FOR FLOOR BOX OUTLET VIA UPSTREAM GFI RECEPTACLE ON CIRCUIT 2L5-42.
- INTERCEPT EXISTING #8 CONDUCTORS FROM IDF-2N & IDF-2S CONDENSING UNITS AT THIRD FLOOR ELECTRICAL ROOM AND EXTEND TO NEW PANEL AS INDICATED.
- ALL SMOKE/FIRE DAMPERS THIS SHEET SHALL BE CIRCUITED WITH #12 CONDUCTORS TO 2L6-24.
- EXISTING ELECTRICAL ROOM EXHAUST FAN TO REMAIN. RE-CIRCUIT AS INDICATED.

GENERAL SHEET NOTES:

- ALL DEVICES ON THIS SHEET SHALL BE CIRCUITED TO PANEL "3L2", UNLESS INDICATED OTHERWISE.
- PROVIDE CONDUIT, J-BOXES, AND BACKBOXES AS REQUIRED TO ACCOMMODATE INSTALLATION OF THE HVAC LOW VOLTAGE CONTROLS AS INDICATED ON THE MECHANICAL PLANS.
- ALL ROOFTOP EQUIPMENT AND COMPONENTS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND LOCAL CODE REQUIREMENTS.
- FIELD VERIFY FINAL LOCATIONS OF ROOFTOP EQUIPMENT WITH ARCHITECTURAL AND MECHANICAL PLANS PRIOR TO ROUGH-IN.
- ROOFTOP EQUIPMENT/ DEVICES SHALL BE WEATHERPROOF TYPE.
- CONDUITS FEEDING ROOFTOP EQUIPMENT/ DEVICES SHALL BE LESS THAN 5' SOLAR EXPOSED.
- PROVIDE FINAL CONNECTIONS PER EQUIPMENT LABEL.
- ALL ROOF PENETRATION SHALL BE SEALED BY A LICENSED ROOFER.
- ALL CONDUIT INSTALLED ON ROOF SHALL BE IMC OR RGC.
- FOR THE CONNECTION BETWEEN THE INDOOR AND OUTDOOR FAN COIL UNIT, PROVIDE OUTDOOR AND WATERPROOF CONNECTION CABLE RATED MINIMUM 300V AND CONFORMING TO 60245 IEC 57.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF NEW FLOOR BOXES.
- REFER TO MECHANICAL DRAWINGS FOR EXACT QUANTITIES AND LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING VAV BOXES, FAN COILS, THERMOSTATS, FIRE/SMOKE DAMPERS, ETC.



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Symbol	Remarks	Date
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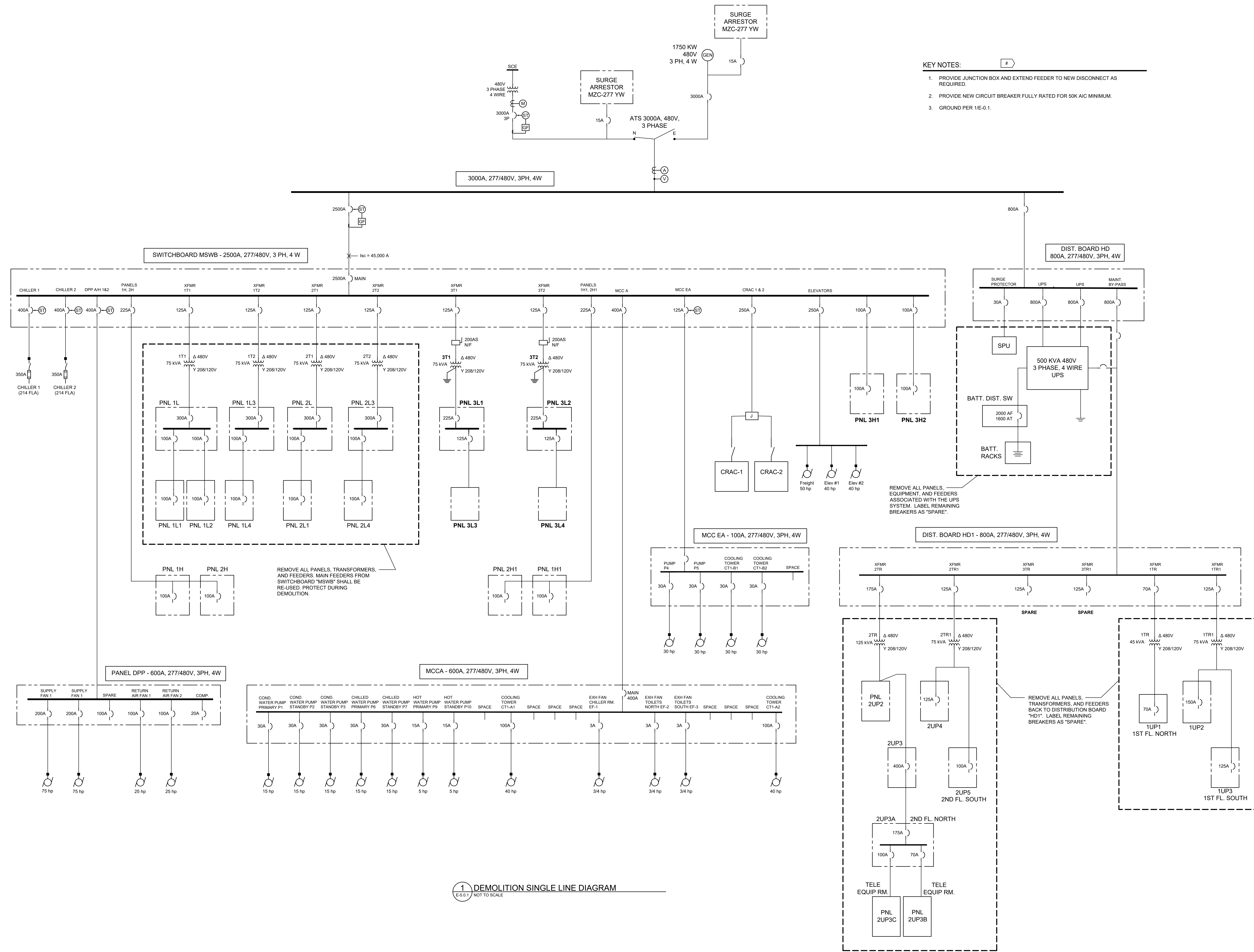
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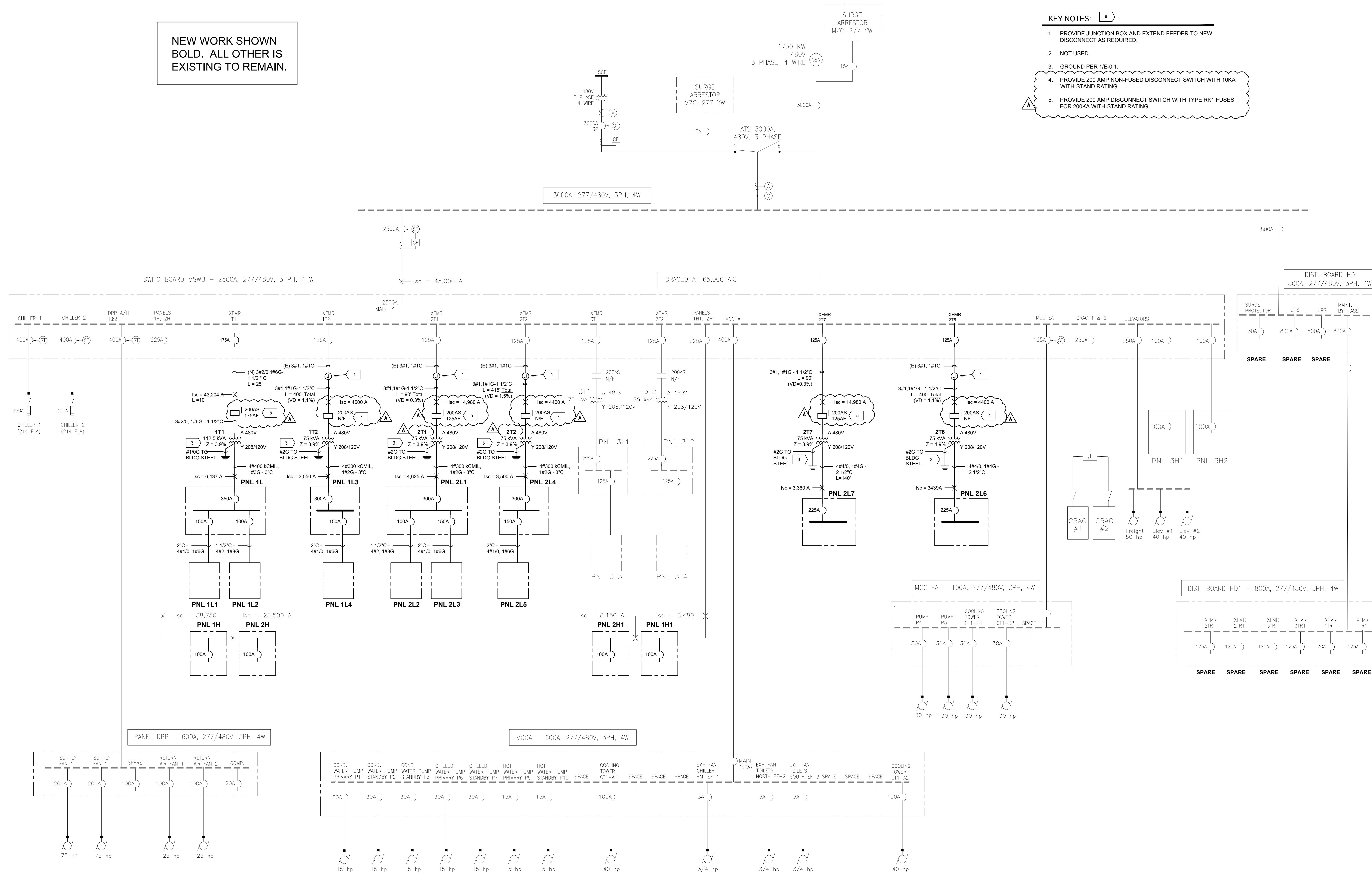
DEMOLITION SINGLE LINE DIAGRAM

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 project no
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1 DEMOLITION SINGLE LINE DIAGRAM
 E-5.0.1 NOT TO SCALE

NEW WORK SHOWN BOLD. ALL OTHER IS EXISTING TO REMAIN.



KEY NOTES:

1. PROVIDE JUNCTION BOX AND EXTEND FEEDER TO NEW DISCONNECT AS REQUIRED.
2. NOT USED.
3. GROUND PER 1/E-0.1.
4. PROVIDE 200 AMP NON-FUSED DISCONNECT SWITCH WITH 10KA WITH-STAND RATING.
5. PROVIDE 200 AMP DISCONNECT SWITCH WITH TYPE RK1 FUSES FOR 200KA WITH-STAND RATING.



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sheet title

NEW CONSTRUCTION
 SINGLE LINE DIAGRAM

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 date
 scale

E-5.0.2

NEW CONSTRUCTION SINGLE LINE DIAGRAM
 E-5.0.2 NOT TO SCALE

PANEL SCHEDULE														
PANEL NAME	1H	VOLT:	480Y/277	BUS SIZE:					125 AMPS	REMARKS:				
LOCATION:	MAIN ELEC	PH:	3	MAIN BRKR:					100 AMPS					
MOUNTING:		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT										
	LIGHTING - TESTING CTR	L	20/1	1	2048					2	20/1	L	EXST. RESTRM LTG	
	LIGHTING - CLSRMS	L	20/1	3	2428				0	4	20/1	L	INVERTER EM2A-710W	
	LIGHTING - WAREHOUSE	L	20/1	5		2658			0	6	20/1	L	SPARE	
	ANNEX BLDG LIGHTING	L	20/1	7	400		1600			8	20	L	WEST POLE LIGHTING	
	SPARE			9		0		1600		10	/2	L		
	LOBBY LIGHTING	L	20/1	11		2800			1600	12	20	L	WEST POLE LIGHTING	
	BREAKRM WTR HTR	N	30/1	13	6000		1600			14	/2	L		
				15				1400		16	20	L	WEST POLE LIGHTING	
				17					1400	18	/2	L		
	EAST POLE LIGHTING	L	20	19	1400					20				
		L	/2	21		1400				22				
	EAST POLE LIGHTING	L	20	23		1400				24				
		L	/2	26	1400					26				
	EAST POLE LIGHTING	L	20	27		1600				28				
		L	/2	29		1600				30				
	SOUTH POLE LIGHTING	L	20	31	1600					32				
		L	/2	33		1600				34				
	LOADING DOCK	/	37				4200			38	50	M		
			3	39				4200		40	/	M	BOOSTER PUMP	
				41					4200	42	3	M		

PER PHASE TOTAL VA	21648	14228	15658
TOTAL CONNECTED VA		51534	V.A.
TOTAL CONNECTED AMPS		62	AMPS
3 x HIGHEST PHASE		64844	V.A.
HIGHEST AMPS		78	AMPS

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	32834	X 1.25 =	41168
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	12600	X 1 =	12600
N = NON-CONTINUOUS	6000	X 1 =	6000
R = RECEPTACLE	0	* =	0
TOTAL CALCULATED LOAD (VA)			59768
TOTAL CALCULATED AMPS			72

* 1ST 10KVA (+10KVA)/2

PANEL SCHEDULE														
PANEL NAME	1H1	VOLT:	480Y/277	BUS SIZE:					125 AMPS	REMARKS:				
LOCATION:	SO. ELEC RM	PH:	3	MAIN BRKR:					100 AMPS					
MOUNTING:		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT										
	BOARD ROOM LIGHTING	L	20/1	1	2982				1460	2	20/1	L	RESTROOM LIGHTING	
	CLSRM 06 AD LIGHTING	L	20/1	3		2956			0	4	20/1	L	INVERTER EM18'786W	
	CLSRM 12-15 LIGHTING	L	20/1	5			2200			6				
	CLSRM 11, CORRIDOR LTG	L	20/1	7	2304					8				
	CLSRM 7-10, PARENT LTG	L	20/1	9		2640				10				
				11						12				
				13						14				
				15						16				
				17						18				
				19						20				
				21						22				
				23						24				
				25						26				
				27						28				
				29						30				
				31						32				
				33						34				
				35						36				
				37						38				
				39						40				
				41						42				

PER PHASE TOTAL VA	6746	5596	2200
TOTAL CONNECTED VA		14542	V.A.
TOTAL CONNECTED AMPS		17	AMPS
3 x HIGHEST PHASE		20238	V.A.
HIGHEST AMPS		24	AMPS

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	14542	X 1.25 =	18178
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	0	X 1 =	0
N = NON-CONTINUOUS	0	X 1 =	0
R = RECEPTACLE	0	* =	0
TOTAL CALCULATED LOAD (VA)			18178
TOTAL CALCULATED AMPS			22

* 1ST 10KVA (+10KVA)/2

PANEL SCHEDULE														
PANEL NAME	2H	VOLT:	480Y/277	BUS SIZE:					125 AMPS	REMARKS:				
LOCATION:	2ND FL.	PH:	3	MAIN BRKR:					100 AMPS					
MOUNTING:		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT										
	OFFICE & SUPT. LIGHTING	L	20/1	1	2694			750		2	20/1	L	EXISTING LIGHTING	
	CORRIDOR LIGHTING	L	20/1	3	2134			0		4	20/1	L	INVERTER EM2A 774W	
	CLSRM LIGHTING	L	20/1	5		1683			6000	6	30/1	N	LOUNGE WTR HTR	
	STUDIO LIGHTING	L	20/1	7	2148					8				
				9						10				
				11						12				
				13						14				
				15						16				
				17						18				
				19						20				
				21						22				
				23						24				
				25						26	20		WATER HEATER	
				27						28	/			
				29						30	3			
				31						32				
				33						34				
				35						36				
				37						38				
				39						40				
				41						42				

PER PHASE TOTAL VA	5592	2134	7683
TOTAL CONNECTED VA		15409	V.A.
TOTAL CONNECTED AMPS		19	AMPS
3 x HIGHEST PHASE		23049	V.A.
HIGHEST AMPS		28	AMPS

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	9400	X 1.25 =	11761
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	0	X 1 =	0
N = NON-CONTINUOUS	6000	X 1 =	6000
R = RECEPTACLE	0	* =	0
TOTAL CALCULATED LOAD (VA)			17761
TOTAL CALCULATED AMPS			21

* 1ST 10KVA (+10KVA)/2

PANEL SCHEDULE														
PANEL NAME	2H1	VOLT:	480Y/277	BUS SIZE:					125 AMPS	REMARKS:				
LOCATION:	2ND FL. SO.	PH:	3	MAIN BRKR:					100 AMPS					
MOUNTING:		WIRE:	4	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT										
	CORR. & RECEPTION LIGHTING	L	20/1	1	2974					2				
	OFFICE LIGHTING	L	20/1	3		2928			0	4	20/1	L	INVERTER EM2B 792W	
	SOUTH OFFICE LIGHTING	L	20/1	5			3012			6				
	CENTRAL AREA LIGHTING	L	20/1	7	2688					8				
				9						10				
				11						12				
				13						14				
				15						16				
				17						18				
				19						20				
				21						22				
				23						24				
				25						26				
				27						28				
				29						30				
				31						32				
				33						34				
				35						36				
				37						38				
				39						40				
				41						42				

PER PHASE TOTAL VA	5662	2928	3012
TOTAL CONNECTED VA		11602	V.A.
TOTAL CONNECTED AMPS		14	AMPS
3 x HIGHEST PHASE		16986	V.A.
HIGHEST AMPS		20	AMPS

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	11602	X 1.25 =	14503
C = CONTINUOUS			

PANEL SCHEDULE															
PANEL NAME		1L2		VOLT: 208Y/120		BUS SIZE						100 AMPS		REMARKS:	
LOCATION: WEST OFFICES		PH: 3		WIRE: 4		MAIN BRKR						MLO			
MOUNTING: FLUSH		SURFACE		CCT		GFI: NO						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	ASHR RECEPS	R	20/1	1	1080				1000		2	20	R	SYSTEMS FURNITURE	
	SECRETARY RECEPS	R	20/1	3		1080			1000		4	/2	R		
	HR DIRECTOR RECEPS	R	20/1	5			1080			1000	6	20	R	SYSTEMS FURNITURE	
	STORAGE RECEPS	R	20/1	7	900				1000		8	/2	R		
	GENERAL RECEPS	R	20/1	9		1080			1500		10	25	M	(E) HP-1	
	CONFERENCE RECEPS	R	20/1	11			1260			1500	12	/2	M		
	OPEN OFFICE RECEPS	R	20/1	13	360			750			14	15	M	(E) IDF-1N FAN COIL	
	OPEN OFFICE RECEPS	R	20/1	15		360			750		16	/2	M		
	COPIER RECEP	N	20/1	17			1250			1560	18	20/1	M	VAV BOXES	
	SPARE		20/1	19	0			1200			20	20/1	M	VAV BOXES	
	SPARE		20/1	21	0			880			22	20/1	M	VAV BOXES	
	SPARE		20/1	23	0			0		0	24	20/1	M	SPARE	
	SPACE ONLY		25	0				0		0	26			SPACE ONLY	
	SPACE ONLY		27	0				0		0	28			SPACE ONLY	
	SPACE ONLY		29					0		0	30			SPACE ONLY	
	SPACE ONLY		31	0				0		0	32			SPACE ONLY	
	SPACE ONLY		33					0		0	34			SPACE ONLY	
	SPACE ONLY		35					0		0	36			SPACE ONLY	
	SPACE ONLY		37	0				0		0	38			SPACE ONLY	
	SPACE ONLY		39					0		0	40			SPACE ONLY	
	SPACE ONLY		41					0		0	42			SPACE ONLY	

PER PHASE TOTAL VA	6290	6650	7650
TOTAL CONNECTED VA	20590 V.A.		
TOTAL CONNECTED AMPS	57 AMPS		
3x HIGHEST PHASE	22950 V.A.		
HIGHEST AMPS	64 AMPS		

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	0	X 1.25 =	0
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	8140	X 1 =	8140
N = NON-CONTINUOUS	1250	X 1 =	1250
R = RECEPTACLE	11200	* =	10800
TOTAL CALCULATED LOAD (VA)	= 19990		
TOTAL CALCULATED AMPS	= 55		

* 1ST 10KVA + (-10KVA)/2

PANEL SCHEDULE															
PANEL NAME		1L4		VOLT: 208Y/120		BUS SIZE						225 AMPS		REMARKS:	
LOCATION: 1ST FLR S. ELEC		PH: 3		WIRE: 4		MAIN BRKR						MLO			
MOUNTING: SURFACE		SURFACE		CCT		GFI: NO						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	TOILET RECEPS	R	20/1	1	1080				1000		2	20/1	N	CLASSRM TV RECEPS	
1	DRINKING FOUNTAIN	N	20/1	3		500			1200		4	20/1	N	CLASSRM TV RECEPS	
	TELEPHONE BACKBRD	R	20/1	5			360			720	6	20/1	R	CLASSRM FLR RECEPS	
	EMP. TOILET RECEPS	R	20/1	7	360				540		8	20/1	R	CLASSRM 12 CNTR RECEPS	
	ELEC RM EXHAUST	M	20/1	9		700			900		10	20/1	R	OFFICE 114 RECEPS	
	CONDENSATE PUMP	M	15/1	11			60			900	12	20/1	R	OFFICE 114 RECEPS	
	CLASSRM 07 RECEPS	R	20/1	13	900				720		14	20/1	R	COMPUTER 106 RECEPS	
	CLASSRM 08 RECEPS	R	20/1	15		900			900		16	20/1	R	COMPUTER 106 RECEPS	
	CLASSRM 07/08 RECEPS	R	20/1	17			900			1230	18	20/1	M	VAV BOXES	
	CLASSRM 09 RECEPS	R	20/1	19	720			1040			20	20/1	M	VAV BOXES	
	CLASSRM 10 RECEPS	R	20/1	21		720			1040		22	20/1	M	VAV BOXES	
	CLASSRM 09/10 RECEPS	R	20/1	23			1080			1400	24	20/1	M	VAV BOXES	
	CLASSRM 11 RECEPS	R	20/1	25	1080				1040		26	20/1	M	VAV BOXES	
	CLASSRM 11 RECEPS	R	20/1	27		900			1040		28	20/1	M	VAV BOXES	
	PARENT CENTER RECEPS	R	20/1	29			720			1040	30	20/1	M	VAV BOXES	
	MEETING RECEPS	R	20/1	31	900				1580		32	20/1	M	VAV BOXES	
	CLASSRM 12 RECEPS	R	20/1	33		1260			500		34	20/1	R	IDF RECEP	
	SMOKE FIRE DAMPERS	N	20/1	35			400			2000	36	30	N	IDF OUTLET	
	SPACE ONLY		37	0					2000		38	/2	N	IDF OUTLET	
	SPACE ONLY		39						2000		40	30	N	IDF OUTLET	
	SPACE ONLY		41						2000		42	/2	N	IDF OUTLET	

PER PHASE TOTAL VA	12960	12900	12810
TOTAL CONNECTED VA	38330 V.A.		
TOTAL CONNECTED AMPS	106 AMPS		
3x HIGHEST PHASE	38880 V.A.		
HIGHEST AMPS	108 AMPS		

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	0	X 1.25 =	0
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	10170	X 1 =	10170
N = NON-CONTINUOUS	11100	X 1 =	11100
R = RECEPTACLE	17060	* =	13530
TOTAL CALCULATED LOAD (VA)	= 34800		
TOTAL CALCULATED AMPS	= 97		

* 1ST 10KVA + (-10KVA)/2

PANEL SCHEDULE															
PANEL NAME		2L2		VOLT: 208Y/120		BUS SIZE						100 AMPS		REMARKS:	
LOCATION: 2ND FLR N. ELEC		PH: 3		WIRE: 4		MAIN BRKR						MLO			
MOUNTING: SURFACE		SURFACE		CCT		GFI: NO						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	ED. TECH RECEPS	R	20/1	1	900				720		2	20/1	R	LOUNGE RECEPS	
	ED. TECH RECEPS	R	20/1	3		720			1500		4	20	N	LOUNGE CNTR RECEPS	
	LSS SECY. RECEPS	R	20/1	5			1080			1500	6	/2	N	LOUNGE CNTR RECEPS	
	CONFERENCE RECEPS	R	20/1	7	540				1500		8	20	R	LOUNGE CNTR RECEPS	
	CONFERENCE FLR RECEPS	R	20/1	9		720			200		10	/2	R	LOUNGE CNTR RECEPS	
	DIR. LSS OFFICE	R	20/1	11			1080			200	12	20	R	LOUNGE CNTR RECEPS	
	OFFICE 217 RECEPS	R	20/1	13	1080				200		14	/2	R	LOUNGE CNTR RECEPS	
	OFFICE 218 RECEPS	R	20/1	15		1080			600		16	20/1	N	REFRIGERATOR	
	OFFICE 215 RECEPS	R	20/1	17			900			600	18	20/1	N	REFRIGERATOR	
	OFFICE 211 RECEPS	R	20/1	19	900				600		20	20/1	N	REFRIGERATOR	
	OFFICE 210 RECEPS	R	20/1	21		900			0		22	20/1	M	SPARE	
	OFFICE 209 RECEPS	R	20/1	23			900			0	24	20/1	M	SPARE	
	IT COLLAB STORAGE RECEPS	R	20/1	25	1260				0		26	20/1	M	SPARE	
	CLASSRM 205 RECEPS	R	20/1	27		900			0		28	20/1	M	SPARE	
	CLASSRM 204 RECEPS	R	20/1	29			900			0	30			SPACE ONLY	
	LSS SECY. RECEPS	R	20/1	31	720				0		32			SPACE ONLY	
	LSS SECY. COPIER	N	20/1	33		1250			1060		34	20/1	M	VAV BOXES	
	SPARE		20/1	35					1060		36	20/1	M	VAV BOXES	
	SPACE ONLY		37	0					890		38	15/1	M	VAV BOXES	
	SPACE ONLY		39						1250		40	20/1	M	VAV BOXES	
	SPACE ONLY		41						1060		42	20/1	M	VAV BOXES	

PER PHASE TOTAL VA	9310	10180	9280
TOTAL CONNECTED VA	28770 V.A.		
TOTAL CONNECTED AMPS	80 AMPS		
3x HIGHEST PHASE	30540 V.A.		
HIGHEST AMPS	85 AMPS		

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	0	X 1.25 =	0
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	5320	X 1 =	5320
N = NON-CONTINUOUS	6050	X 1 =	6050
R = RECEPTACLE	17400	* =	13700
TOTAL CALCULATED LOAD (VA)	= 25070		
TOTAL CALCULATED AMPS	= 70		

* 1ST 10KVA + (-10KVA)/2

PANEL SCHEDULE															
PANEL NAME		1L3		VOLT: 208Y/120		BUS SIZE						400 AMPS		REMARKS:	
LOCATION: 1ST FLR S. ELEC		PH: 3		WIRE: 4		MAIN BRKR						300 AMPS			
MOUNTING: SURFACE		SURFACE		CCT		GFI: NO						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	MAIN LOBBY RECEPS	R	20/1	1	720				600		2	20/1	N	BOARD RM TV RECEPS	
	BOARD RM RECEPS	R	20/1	3		1260			600		4	20/1	N	BOARD RM TV RECEPS	
	AV BOOTH RECEPS	R	20/1	5			720			1000	6	20/1	N	CLASSRM TV RECEPS	
	AV BOOTH RECEPS	R	20/1	7	720				1000		8	20/1	N	CLASSRM TV RECEPS	
	CONFERENCE RECEPS	R	20/1	9			720			540	10	20/1	R	CLASSRM 13 CNTR RECEPS	
	CONFERENCE FLR RECEPS	R	20/1	11				720		540	12	20/1	R	CLASSRM 12/13/14 FLR RECEP	
	MEETING RM RECEPS	R	20/1	13	900				1440		14	20/1	R	CORRIDOR RECEPS	
	CLASSRM 06C/D RECEPS	R	20/1	15			900			540	16	20/1	R	CLASSRM 15 MTG FLR RECEP	
	CLASSRM 06C/D RECEPS	R	20/1	17				900		360	18	20/1	R	BOARD RM FLR RECEPS	
	CLASSRM 06C/D RECEPS	R	20/1	19	900				720		20	20/1	R	BOARD RM DESK RECEPS	
	CLASSRM 06C/D FLR RECEP	R	20/1	21			360			540	22	20/1	R	BOARD RM DESK RECEPS	
	CLASSRM 06AB FLR RECEP	R	20/1	23				360		540	24	20/1	R	BOARD RM DESK RECEPS	
	CLASSRM 06AB RECEPS	R	20/1	25	900				0		26			SPACE ONLY	
	CLASSRM 06AS RECEPS	R	20/1	27			900			0	28			SPACE ONLY	
	COPIER RECEP.	R	20/1	29				1000		0	30			SPACE ONLY	
	CLASSRM 14 RECEPS	R	20/1	31	1080				0		32			SPACE ONLY	
	CLASSRM 14 RECEPS	R	20/1	33			900			0	34			SPACE ONLY	
	CLASSRM 13 RECEPS	R	20/1	35				1260		0	36			SPACE ONLY	
	CLASSRM 15 RECEPS	R	20/1	37	1260				0		38			SPACE ONLY	
	SPARE	N	20/1	39				200		0	40			SPACE ONLY	
	SPACE ONLY		41					0		0	42			SPACE ONLY	
	SPACE ONLY		43												

PANEL SCHEDULE															
PANEL NAME		2L3		VOLT: 208Y/120		BUS SIZE						225 AMPS		REMARKS:	
LOCATION:		STORAGE		PH: 3		MAIN BRKR:						150 AMPS			
MOUNTING:		SURFACE		WIRE: 4		GFI:						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	SPARE		20/1	1	0					720	2	20/1	R	CONFERENCE/TV RECEPS	
	SPARE		20/1	3	0					1080	4	20/1	R	ASST. SUPT. OFFICE RECEPS	
	SPARE		20/1	5	0					720	6	20/1	R	ASST. SUPT. RECEPS	
	SPARE		20/1	7	0					540	8	20/1	R	STORAGE RECEPS	
	C.E. COPIER RECEP	N	20/1	9						1250	10	20/1	R	HALLWAY RECEPS	
	SPARE		20/1	11						1080	12	20/1	R	OFFICE 251 RECEPS	
	VAV BOXES	M	20/1	13	1060					1080	14	20/1	R	OFFICE 252 RECEPS	
	VAV BOXES	M	20/1	15						900	16	20/1	R	OFFICE 256 RECEPS	
	VAV BOXES	M	20/1	17						1060	18	20/1	R	OFFICE 257 RECEPS	
	VAV BOXES	M	20/1	19	1200					900	20	20/1	R	OFFICE 258 RECEPS	
	VAV BOXES	M	20/1	21						700	22	20/1	R	SS DIR. SECY. RECEPS	
	SPARE		20/1	23						1080	24	20/1	R	RECEPTION RECEPS	
	SPACE ONLY		20/1	25	0					900	26	20/1	R	RECEPTION RECEPS	
	SPACE ONLY		20/1	27	0					1250	28	20/1	N	SS DIR. SECY. COPIER	
	SPACE ONLY		20/1	29	0					0	30	20/1		SPARE	
	SPACE ONLY		20/1	31	0					0	32	20/1		SPACE ONLY	
	SPACE ONLY		20/1	33	0					0	34	20/1		SPACE ONLY	
	SPACE ONLY		20/1	35	0					0	36	20/1		SPACE ONLY	
	SPACE ONLY		20/1	37	0					0	38	20/1		SPACE ONLY	
	SPACE ONLY		20/1	39	0					0	40	20/1		SPACE ONLY	
	SPACE ONLY		20/1	41	0					0	42	20/1		SPACE ONLY	

PER PHASE TOTAL VA	6400	7500	4840
TOTAL CONNECTED VA	18740	VA	
TOTAL CONNECTED AMPS	52	AMPS	
3 x HIGHEST PHASE	22500	VA	
HIGHEST AMPS	62	AMPS	

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	0	X 1.25 =	0
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	5080	X 1 =	5080
N = NON-CONTINUOUS	2500	X 1 =	2500
R = RECEPTACLE	11160	* =	10580
TOTAL CALCULATED LOAD (VA)			= 18160
TOTAL CALCULATED AMPS			= 50

* 1ST 10KVA + (-10KVA)/2

PANEL SCHEDULE															
PANEL NAME		2L5		VOLT: 208Y/120		BUS SIZE						225 AMPS		REMARKS:	
LOCATION:		2ND FLR S. ELEC		PH: 3		MAIN BRKR:						225 AMPS			
MOUNTING:		SURFACE		WIRE: 4		GFI:						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	CLASSRM 248 RECEPS	R	20/1	1	1080					1000	2	20/1	R	TV MONITORS	
	CLASSRM 248 RECEPS	R	20/1	3						900	4	20/1	R	TV MONITORS	
	CLASSRM 248 FLR RECEPS	R	20/1	5						360	6	20	R	OPEN OFFICE	
	CONFERENCE 245 RECEPS	R	20/1	7	720					625	8	/2	R	SYSTEM FURNITURE	
	PAYROLL OFFICE RECEPS	R	20/1	9						720	10	20	R	OPEN OFFICE	
	PAYROLL OFFICE RECEPS	R	20/1	11						720	12	/2	R	SYSTEM FURNITURE	
	CORRIDOR/STORAGE RECEP	R	20/1	13	1440					1250	14	20/1	N	COPY MACHINE	
	PAYROLL OFFICE RECEPS	R	20/1	15						1080	16	20/1	N	NUTRIN. SERV. COPIER	
	BUS SUPERVISOR RECEPS	R	20/1	17						1080	18	20/1		SPARE	
	BUS SUPERVISOR RECEPS	R	20/1	19	1080					0	20	20/1		SPARE	
	OPEN OFFICE RECEPS	R	20/1	21						720	22	20/1		SPARE	
	NUTRITION SERV. OFFICE	R	20/1	23						1080	24	20	R	KITCHEN CNTR RECEP	
	CONFERENCE RECEPS	R	20/1	25	1080					1500	26	/2	R	KITCHEN CNTR RECEP	
	PURCHASING OFFICE RECEP	R	20/1	27						720	28	20	R	KITCHEN CNTR RECEP	
	SPARE		20/1	29						0	30	/2	R	KITCHEN CNTR RECEP	
	SPARE		20/1	31	0					0	32	20/1	R	SPARE	
	WORK ROOM COPIER	N	20	33						1400	34	20/1	N	REFRIGERATOR	
	SPACE ONLY		/2	35						1400	36	20/1	N	REFRIGERATOR	
	SPACE ONLY		/2	37	0					600	38	20/1	N	FREEZER	
	SPACE ONLY		/2	39	0					600	40	20/1	N	FREEZER	
	SPACE ONLY		/2	41	0					0	42	20/1	R	PREP-TABLE RECEPS	

PER PHASE TOTAL VA	10375	10715	8450
TOTAL CONNECTED VA	29540	VA	
TOTAL CONNECTED AMPS	82	AMPS	
3 x HIGHEST PHASE	32145	VA	
HIGHEST AMPS	89	AMPS	

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	0	X 1.25 =	0
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	0	X 1 =	0
N = NON-CONTINUOUS	7700	X 1 =	7700
R = RECEPTACLE	21840	* =	15920
TOTAL CALCULATED LOAD (VA)			= 23820
TOTAL CALCULATED AMPS			= 66

* 1ST 10KVA + (-10KVA)/2

PANEL SCHEDULE															
PANEL NAME		2L7		VOLT: 208Y/120		BUS SIZE						225 AMPS		REMARKS:	
LOCATION:		SERVER RM		PH: 3		MAIN BRKR:						225 AMPS			
MOUNTING:		SURFACE		WIRE: 4		GFI:						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	WORK STATION RECEPS	R	20/1	1	720					20000	2	200	N		
	WORK STATION RECEPS	R	20/1	3						540	4	/	N	FUTURE 60 KW UPS	
	WORK STATION RECEPS	R	20/1	5						720	6	3	N		
				7							8				
				9							10				
				11							12				
				13							14				
				15							16				
				17							18				
				19							20				
				21							22				
				23							24				
				25							26				
				27							28				
				29							30				
				31							32				
				33							34				
				35							36				
				37							38				
				39							40				
				41							42				

PER PHASE TOTAL VA	20720	20540	20720
TOTAL CONNECTED VA	61980	VA	
TOTAL CONNECTED AMPS	172	AMPS	
3 x HIGHEST PHASE	62160	VA	
HIGHEST AMPS	173	AMPS	

LOAD TYPE	CONNECTED	MULTIPLIER	TOTAL
L = LIGHTING	0	X 1.25 =	0
C = CONTINUOUS	0	X 1.25 =	0
LM = LARGEST MOTOR	0	X 1.25 =	0
M = REMAINING MOTORS	0	X 1 =	0
N = NON-CONTINUOUS	60000	X 1 =	60000
R = RECEPTACLE	1980	* =	1980
TOTAL CALCULATED LOAD (VA)			= 61980
TOTAL CALCULATED AMPS			= 172

* 1ST 10KVA + (-10KVA)/2

PANEL SCHEDULE															
PANEL NAME		2L4		VOLT: 208Y/120		BUS SIZE						400 AMPS		REMARKS:	
LOCATION:		2ND FLR S. ELEC		PH: 3		MAIN BRKR:						300 AMPS			
MOUNTING:		SURFACE		WIRE: 4		GFI:						NO		AIC: 10,000	
NOTES	LOAD DESCRIPTION	TYPE	BRKR	CCT	V.A.	V.A.	V.A.	V.A.	V.A.	V.A.	CCT	BRKR	TYPE	LOAD DESCRIPTION	NOTES
	ISS OFFICE 252 RECEPS	R	20/1	1	900					1080	2	20/1	R	RESTRM RECEPS	
	OFFICE 253 RECEPS	R	20/1	3						900	4	20/1	N	DRINKING FOUNTAIN	1
	OFFICE 254 RECEPS	R	20/1	5						1080	6	20	R	TRP OPEN OFFICE	
	ISS SECRETARY RECEPS	R	20/1	7	900					750	8	/2	R	SYSTEM FURNITURE	
	CORRIDOR RECEPS	R	20/1	9						1440	10	20	R	TRP OPEN OFFICE	
	CORRIDOR RECEPS	R	20/1	11						1440	12	/2	R	SYSTEM FURNITURE	
	ISS/DC COLLAB. RECEPS	R	20/1	13	720					500	14	20	R	IEP OPEN OFFICE	
	ISS/DC COLLAB. RECEPS	R	20/1	15						720	16	/2	R	SYSTEM FURNITURE	
	ISS/DC COLLAB. FLR RECEP	R	20/1	17						720	18	20	R	IEP OPEN OFFICE	
	OFFICE 204 RECEPS	R	20/1	19	1080					500	20	/2	R	SYSTEM FURNITURE	
	OFFICE 205 RECEPS	R	20/1	21						1080	22	20	R	OPEN OFFICE	
	DIR. OFFICE 211 RECEPS	R	20/1	23						1080	24	/2	R	SYSTEM FURNITURE	
	OFFICE 212 RECEPS	R	20/1	25	900					750	26	20	R	OPEN OFFICE	
	OFFICE 215 RECEPS	R	20/1	27						900	28	/2	R	SYSTEM FURNITURE	
	SPED. DIR. SECY. RECEPS	R	20/1	29						900	30	20/1	N	ISS/DC COPIER	
	OFFICE 209 RECEPS	R	20/1	31	900					360	32	20/1	R	TELEPHONE BACKBRD	
	OFFICE 213 RECEPS	R	20/1	33						900	34	20/1	N	IDF RECEP	
	CONFERENCE 214 RECEPS	R	20/1	35						1080	36	30	N	IDF OUTLET	
	OFFICE 217 RECEPS	R	20/1	37	1080					2000	38	/2	N	IDF OUTLET	
	OFFICE 218 RECEPS	R	20/1	39						1080	40	30	N	IDF OUTLET	
	OFFICE 222 RECEPS	R	20/1	41						900	42	/2	N		
	OFFICE 223 RECEPS	R	20/1	43	900					7873	44	150	N		
	CONFERENCE 224 RECEPS	R	20/1	45						1080	46	/	N	PANEL 2L5	
	TRAINING RM RECEPS	R	20/1	47						900	48	3	N		
	TRAINING RM RECEPS	R	20/1	49	720					1250	50	20/1	N	SPED. DIR. SECY. COPIER	
	FILE/WORK RM RECEPS	R	20/1	51						1260	52	20/1	N	PURCH. OFFICE COPIER	
	COPIER REC.	R	20/1	53											

