

SOLANO COMMUNITY COLLEGE BUILDING 1800-B SWING SPACE

4000 SUISUN VALLEY ROAD
FAIRFIELD, CALIFORNIA

ABBREVIATIONS

AND	DR.	DOOR	HDWD.	HARDWOOD	R.	RISER/RADIUS
AT	DWR.	DRAWER	HW.	HOLLOW METAL	R.D.	ROOF DRAIN
CENTERLINE	DS.	DOWNSPOUT	H.M.	HORIZONTAL	REF.	REFRIGERATOR
DIAMETER/ROUND	D.S.P.	DRY STANDPIPE	HORIZ.	HOUR	REINF.	REINFORCED
FOUND/NUMBER	DWG.	DRAWING	HR.	HEIGHT	RESIL.	RESILIENT
DEMOLITION	E.	EAST	I.D.	INSIDE DIAMETER/DIMENSION	RM.	ROOM
EXISTING	E.A.	EACH	INSUL.	INSULATION	R.O.	ROUGH OPENING
NEW	E.L.	ELEVATION	INT.	INTERIOR	RWD.	REDWOOD
REMOVE	EL.	ELECTRICAL	JAN.	JANITOR	R.W.L.	RAIN WATER LEADER
AGGREGATE BASE	ELEC.	ELEVATOR	JT.	JOINT	S.	SOUTH
ASPHALT CONCRETE	EMER.	EMERGENCY	KIT.	KITCHEN	S.C.	SOLID CORE
ACCESSIBLE	ENCL.	ENCLOSURE	LAB.	LABORATORY	SCHED.	SCHEDULE
ACOUS.	E.P.	ELECTRICAL PANELBOARD	LAM.	LAMINATE	SECT.	SECTION
ADJ.	EQ.	EQUAL	LAV.	LAVATORY	SH.	SHED
ALUM.	EQUIP.	EQUIPMENT	LKR.	LOCKER	SHWR.	SHOWER
APPROX.	E.W.C.	ELECTRIC WATER COOLER	LT.	LIGHT	SH.	SHEET
ARCH.	EXST.	EXISTING	MAX.	MAXIMUM	SH.	SIM.
ASB.	EXP.	EXPANSION	M.C.	MEDICINE CABINET	SPEC.	SPECIFICATION
	EXT.	EXTERIOR	M.E.	MECHANICAL	SQ.	SQUARE
BD.	F.A.	FIRE ALARM	M.F.	MANUFACTURER	S.S.	STAINLESS STEEL
BIT.	F.B.	FLAT BAR	MFR.	MANHOLE	STA.	STATION
BLDG.	F.D.	FLOOR DRAIN	MISC.	MISCELLANEOUS	STD.	STANDARD
BLK.	F.D.C.	FIRE DEPARTMENT CONNECTION	M.L.	MILLION	STL.	STEEL
BLKG.	FDM.	FOUNDATION	N.	NORTH	STOR.	STORAGE
BM.	F.E.	FIRE EXTINGUISHER	N.I.C.	NOT IN CONTRACT	STRUC.	STRUCTURAL
BTM.	F.F.	FINISH FLOOR	N.O./#	NUMBER	SUSP.	SUSPENDED
	F.H.	FIRE HYDRANT	NOM.	NOMINAL	S.V.	SHEET VINYL
CAB.	F.H.V.C.	FIRE HOSE VALVE CABINET	N.T.S.	NOT TO SCALE	SYM.	SYMMETRICAL
C.B.	FIN.	FINISH	O/	OVER	T.	TREAD
CEM.	FLR.	FLOOR	O.A.	OVERALL	T.C.	TOP OF CURB
CER.	FLASH.	FLASHING	O.C.	ON CENTER	TEL.	TELEPHONE
C.G.	FLUOR.	FLUORESCENT	O.D.	OUTSIDE DIAMETER/DIMENSION	TER.	TERAZZO
C.I.	F.O.	FACE OF CONCRETE/CURB	O.F.	OFFICE	THK.	THICK
C.J.	F.O.C.	FACE OF CONCRETE/CURB	O.H.	OVERHEAD	T.O.F.	TOP OF FRAMING
CLG.	F.O.F.	FACE OF FINISH	OPNG.	OPENING	T.O.S.	TOP OF STEEL
CLKG.	F.O.M.	FACE OF MASONRY	OPP.	OPPOSITE	T.V.	TELEVISION
CLO.	F.P.F.	FIREPROOF	P.C.	PRECAST	T.W.	TOP OF WALL
C.L.R.	F.R.T.	FIRE RETARDANT TREATED	P.L.V.	PLASTER/PLASTIC	TYP.	TYPICAL
C.NTR.	F.S.	FULL SIZE	P.M.	PRESSED METAL	U.O.N.	UNLESS OTHERWISE NOTED
C.O.	FT.	FOOT/FEET	P.P.	PLYWOOD	UR.	URINAL
C.O.C.	FUR.	FURRING	PR.	PAIR	VERT.	VERTICAL
C.O.C.	FUT.	FUTURE	P.T.	PRESSURE TREATED	VEST.	VESTIBULE
COL.	GA.	GAUGE	Q.T.	QUARRY TILE	VCT.	VINYL COMPOSITION TILE
CONC.	GALV.	GALVANIZED			W.	WEST
CONSTR.	G.B.	GRAB BAR			W.C.	WATER CLOSET
CONT.	G.F.R.G.	GLASS FIBER REINFORCED GYPSUM			W/O	WITHOUT
COORD.	G.I.	GALVANIZED IRON			WP.	WATERPROOF
CORR.	GL.	GLASS			WSCOT.	WANSICOT
CPT.	GND.	GROUND			WT.	WEIGHT
CTSK.	GR.	GRADE			XFMR.	TRANSFORMER
	GY.	GYPSUM				
	H.B.	HOSE BIBB				
	H.C.	HOLLOW CORE				

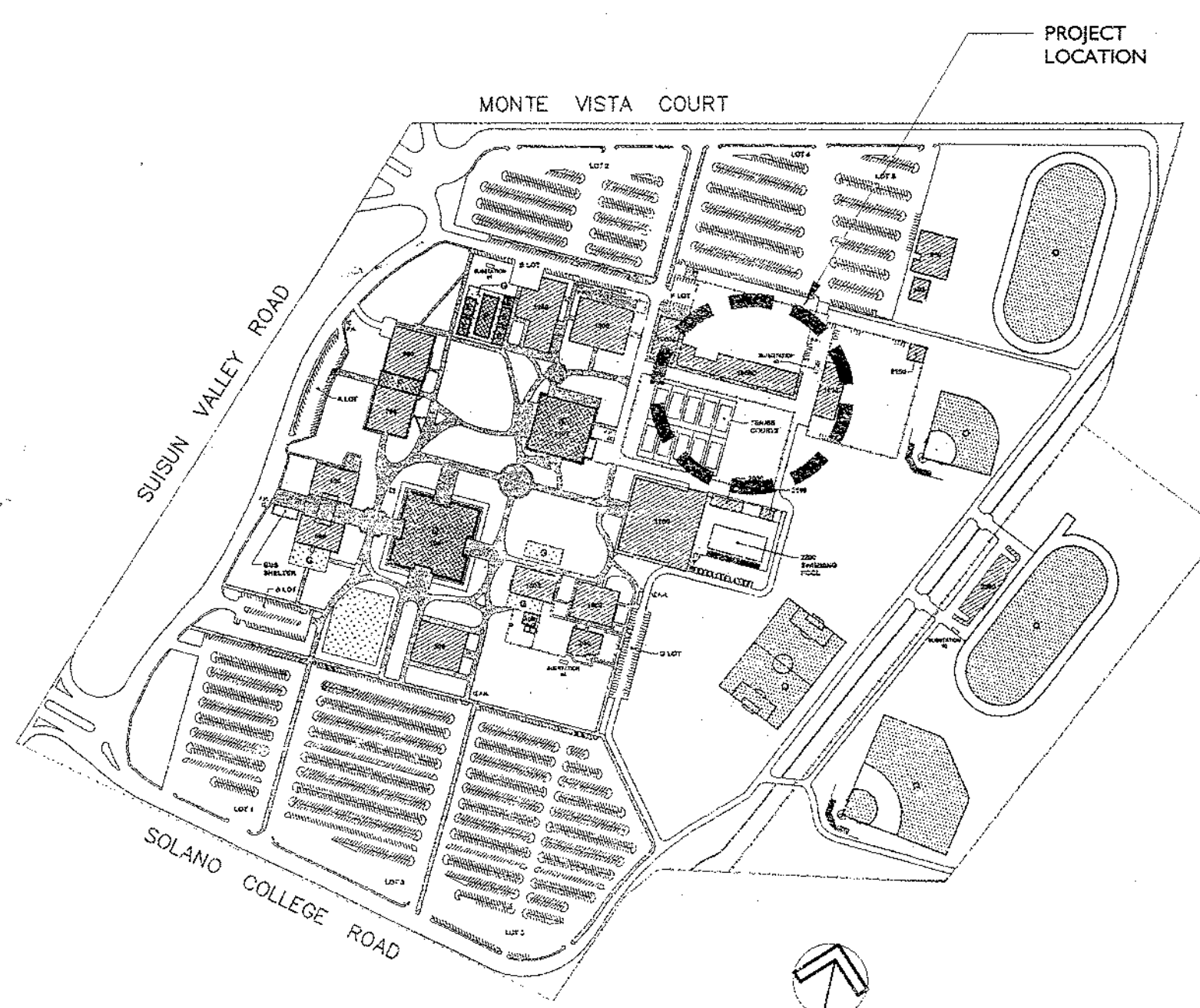
PROJECT SUMMARY

OWNER:	SOLANO COMMUNITY COLLEGE 4000 SUISUN VALLEY ROAD FAIRFIELD, CA 94534 TELEPHONE: (707) 864-7189 FACSIMILE: (707) 864-7192
CONSTRUCTION MANAGER:	KITCHELL CEM 4000 SUISUN VALLEY ROAD FAIRFIELD, CA 94534 TELEPHONE: (707) 864-7189 FACSIMILE: (707) 867-0423
DESCRIPTION:	PARTIAL INTERIOR RENOVATION OF EXISTING VOCATIONAL CLASSROOM BUILDING. NEW INTERIOR CONSTRUCTION FOR CLASSROOMS & OFFICES ALONG WITH RELATED SITE WORK FOR NEW MODULAR RESTROOM BUILDING.
OCCUPANCY:	B, H-4, S-3
CONSTRUCTION TYPE:	TYPE V-NR, PARTIALLY SPRINKLED
AREA CALCCS:	EXISTING BUILDING 1800A: 9,660 SF EXISTING BUILDING 1800B: 25,620 SF EXISTING BUILDING TOTAL: 35,280 SF TOTAL RENOVATED AREA: 12,843 SF
STORIES:	1
APN'S:	N.A.
APPLICABLE CODES:	2001 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. 2001 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. 2001 CALIFORNIA ELECTRIC CODE (CEC), PART 3, TITLE 24 C.C.R. 2001 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R. 2001 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R. 2001 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24 C.C.R. 2001 CALIFORNIA REFERENCED STANDARDS, PARTS 12, TITLE 24 C.C.R. 1990 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS
PARTIAL LIST OF APPLICABLE STANDARDS:	NFPA 13 AUTOMATIC SPRINKLER SYSTEMS 1999 EDITION NFPA 14 STANDPIPE SYSTEMS 2000 EDITION NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 1998 EDITION NFPA 17A WET CHEMICAL SYSTEMS 1998 EDITION NFPA 20 STATIONARY PUMPS 1999 EDITION NFPA 24 PRIVATE FIRE MAINS 1995 EDITION NFPA 72 NATIONAL FIRE ALARM CODE (CALIFORNIA AMENDED) 1999 EDITION (NOTE SEE UL STANDARD 1971 FOR "VISUAL DEVICES") NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2000 EDITION NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2000 EDITION REFERENCE CODE SECTION FOR NFPA STANDARDS-2001 CBC (SFM) 3504.1

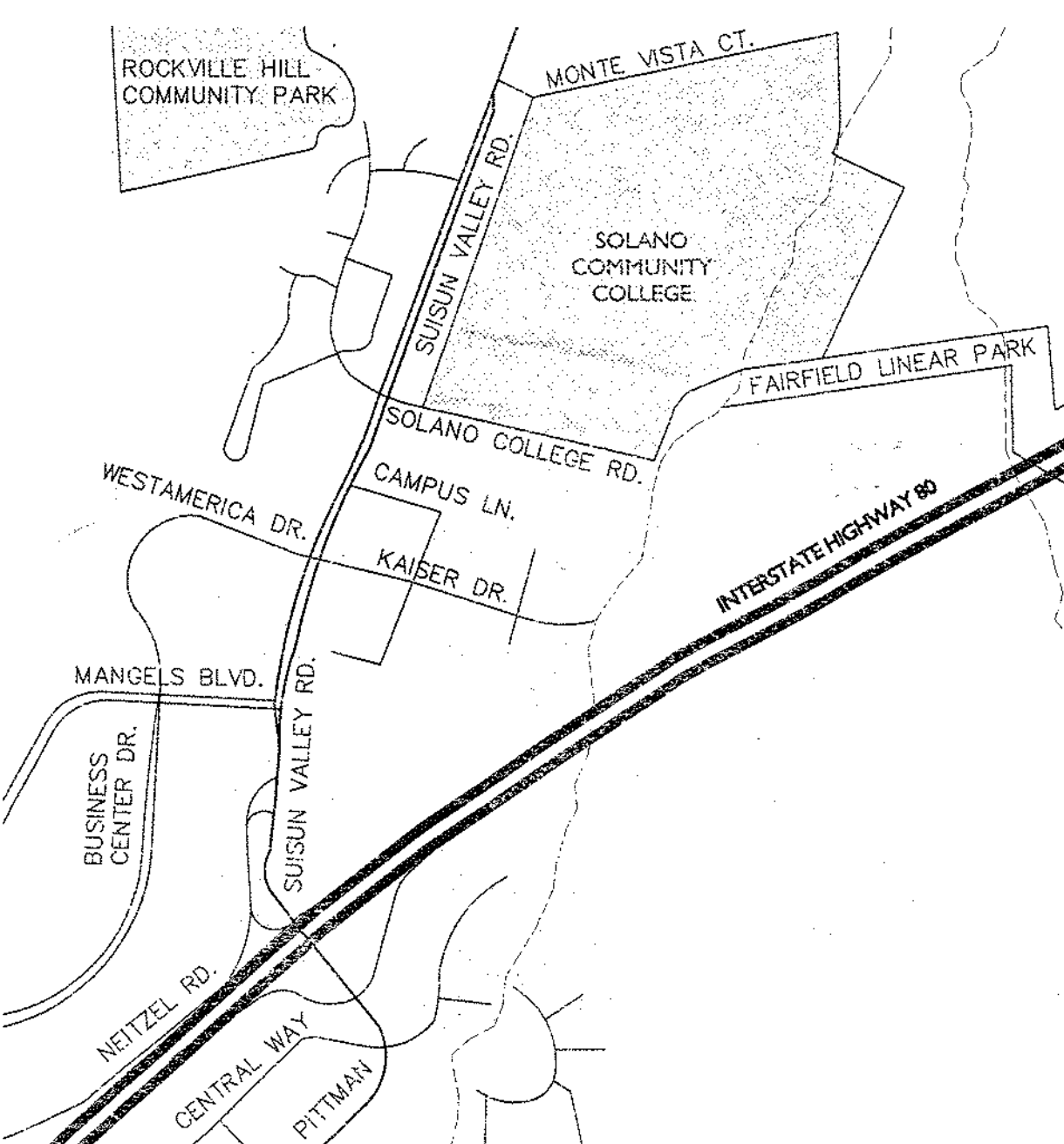
PROJECT TEAM

CIVIL CUNNINGHAM ENGINEERING 8940 SPAFFORD STREET DAVIS, CALIFORNIA 95616 TELEPHONE: (530) 758-2026 FACSIMILE: (530) 758-2066	STRUCTURAL BUHLER & BUHLER 800 O STREET, SUITE 200 SACRAMENTO, CALIFORNIA 95814 TELEPHONE: (916) 443-0303 FACSIMILE: (916) 443-0315	ELECTRICAL M. NEILS ENGINEERING 10 FULLERTON COURT, #201 SACRAMENTO, CALIFORNIA 95825 TELEPHONE: (916) 923-4400 FACSIMILE: (916) 923-4410
ARCHITECTURAL DREYFUSS & BLACKFORD 3540 FOLSOM BOULEVARD SACRAMENTO, CALIFORNIA 95816 TELEPHONE: (916) 453-1134 FACSIMILE: (916) 453-1136	MECHANICAL CAPITAL ENGINEERING CONSULTANTS 11020 SUN CENTER DRIVE, SUITE 100 SACRAMENTO, CALIFORNIA 95826 TELEPHONE: (916) 386-8888 FACSIMILE: (916) 386-2610	

CAMPUS MAP



VICINITY MAP



SYMBOLS

1	GRID LINE TYPICAL
2	WORK POINT, CONTROL POINT OR DATUM POINT
3	SECTION CUT TAG SEE SHEET INDICATED
4	ELEVATION DESIGNATION TAG SEE SHEET INDICATED
5	KEYNOTE TAG SEE NOTES ON SIDE OF SHEET
6	DETAIL TAG SEE PROJECT MANUAL (BOUND SEPARATELY)
7	DOOR TAG (DOOR SCHEDULE) SEE PROJECT MANUAL (BOUND SEPARATELY)
8	WINDOW TAG SEE WINDOW SCHEDULE SHEET
9	EQUIPMENT DESIGNATION
10	ROOM NAME ROOM NUMBER
11	PARTITION FRAMING (NEW OR EXISTING)
12	ASSEMBLY RATING IN HOURS
13	WALL TYPE
14	STUD HEIGHT

DRAWING INDEX

A0.1	COVER SHEET
CIVIL	
C-0	CIVIL IMPROVEMENT PLANS
C-1	CIVIL IMPROVEMENT PLANS SITE GRADING AND UTILITY PLAN

ARCHITECTURAL

A0.2	CODE ANALYSIS AND SITE ACCESSIBILITY PLANS
A0.3	WALL TYPES
A0.4	WALL TYPES
A0.5	WALL TYPES
A1.1	SITE PLAN
A1.2	SITE DETAILS
A1.3	SITE DETAILS
A2.0	DEMO PLAN/ MEZZANINE DEMO PLAN
A2.1	FLOOR PLAN/ MEZZANINE PLAN
A2.2	PARTIAL ROOF PLAN
A2.2A	PARTIAL ROOF PLAN
A2.3	DOOR & FINISH SCHEDULE/ WINDOW TYPES
A2.4	FURNITURE LAYOUT PLAN/ FINISH PLAN
A3.1	EXTERIOR ELEVATIONS
A3.2	BUILDING SECTIONS
A4.1	ENLARGED VESTIBULE PLAN AND INTERIOR ELEVATIONS
A5.1	INTERIOR ELEVATIONS
A5.1	REFLECTED CEILING PLAN
A8.1	EXTERIOR WALL DETAILS
A8.2	EXTERIOR WALL DETAILS
A8.3	DOOR DETAILS
A8.4	EXTERIOR WINDOW DETAILS
A8.4	WALL FRAMING DETAILS
A8.2	CEILING DETAILS
A9.3	ROOF DETAILS

STRUCTURAL

S1.1	GENERAL NOTES
S1.2	TYPICAL DETAILS
S1.3	TYPICAL DETAILS
S1.4	TYPICAL DETAILS
S2.1	FIRST FLOOR PLAN & ROOF FRAMING PLAN
S3.1	SECTIONS & DETAILS
S3.2	SECTIONS
S4.1	ELEVATIONS
S5.1	DETAILS

MECHANICAL

M0.1	HVAC SCHEDULES, LEGENDS & NOTES
M0.2	HVAC EQUIPMENT SCHEDULES
M1.1	MECHANICAL SITE PLAN
M2.01	HVAC DEMOLITION FLOOR PLAN
M2.02	HVAC DEMOLITION ROOF PLAN
M2.02A	HVAC DEMOLITION ROOF PLAN WEST
M2.1	HVAC FLOOR PLAN
M2.2	HVAC ROOF PLAN
M2.2A	HVAC ROOF PLAN WEST
M3.1	HVAC PARTIAL FLOOR PLAN
M5.1	HVAC DETAILS
M5.2	HVAC DETAILS
M6.1	HVAC CONTROLS
M6.2	HVAC CONTROLS

PLUMBING

P0.1	PLUMBING SCHEDULES, LEGENDS & NOTES
P2.01	PLUMBING PLAN - DEMOLITION
P2.1	PLUMBING PLAN - NEW
P2.2	PLUMBING ROOF PLAN
P2.2A	PLUMBING ROOF PLAN WEST

FIRE PROTECTION

FP2.1	FIRE PROTECTION PLAN
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DEFERRED APPROVAL NOTES AND ITEM:

INSTALLATION OF DEFERRED APPROVAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECS, AND ENGINEERING CALCULATION FOR THE ACTUAL SYSTEM TO BE INSTALLED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY DSA.

- STOREFRONT DOOR/ WINDOW SYSTEM
- FIRE SPRINKLER SYSTEM

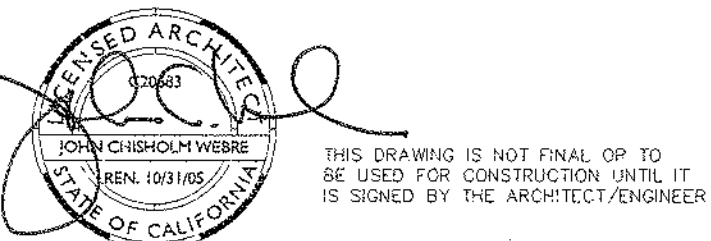
ASBESTOS NOTES:

- REFER TO ASBESTOS AND LEAD BASED FAINT SURVEY REPORT PREPARED BY KLEINFELDER DATED JULY 20, 2004 FOR SOLANO COMMUNITY COLLEGE.
- ASBESTOS CONTAINING PRODUCTS ARE PRESENT IN THE EXISTING BUILDING CONSTRUCTION. MATERIALS WHICH CONTAIN ASBESTOS INCLUDE SHEETROCK WALL SYSTEMS, HARD-PACK THERMAL INSULATION IN CEILING AREAS, BLACK ROLLED ROOFING MATERIAL LOCATED IN THE PARAPETS AND PENETRATION MASTIC. AREAS ASSUMED TO CONTAIN ASBESTOS BUT NOT TESTED INCLUDE ROOM 1855E.
- IF ADDITIONAL SUSPECT MATERIALS ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE FOR INSTRUCTIONS PRIOR TO PROCEEDING WITH ADDITIONAL WORK. THE CONTRACTOR SHALL IMMEDIATELY POST NOTICES AND TAKE PRECAUTIONS NECESSARY TO ENSURE THE HEALTH AND SAFETY OF ALL WORKERS, THE STAFF AND THE PUBLIC. SEE SPECIFICATION SECTION 02198 FOR ADDITIONAL INFORMATION.

GENERAL NOTES:

- VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS, NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND. VERIFY DIMENSIONS OF ALL OWNER-FURNISHED OPERATING EQUIPMENT TO ENSURE PROPER COORDINATION WITH CONSTRUCTION.
- SCHEDULE ALL WORK WITH THE CONSTRUCTION MANAGER INCLUDING CONSTRUCTION ACCESS AND STORAGE.
- THE CONSTRUCTION SCHEDULE PROCEDURE SHALL BE APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
- ALL UTILITIES REQUIRED FOR THE CONTINUOUS OPERATION OF ALL EXISTING FACILITIES MUST BE MAINTAINED IN SERVICE AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE DUST COVERS AS REQUIRED TO CONTAIN DUST AND DEBRIS WITHIN CONSTRUCTION AREA. BROOM CLEAN ALL AREAS EACH DAY. KEEP DIRT AND DUST TO A MINIMUM.
- ALL REMOVED ITEMS DEEMED TO HAVE VALUE BY THE OWNER SHALL BE DELIVERED TO A PLACE OF STORAGE AT THE SITE AS DIRECTED. ALL OTHER ITEMS MUST BE DISPOSED OF OFF SITE IN A LEGAL MANNER.
- WHERE EXISTING CONSTRUCTION IS CUT, DAMAGED, OR REMODELED, PATCH WITH MATERIALS TO MATCH IN KIND, QUALITY AND PERFORMANCE.
- WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO THE PUBLIC AND TO OCCUPANTS OF EXISTING BUILDINGS.
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.
- CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION.
- COORDINATE WITH OTHER CONTRACTS:
IF ANY PART OF THE CONTRACTOR'S WORK DEPENDS UPON THE WORK OF A SEPARATE CONTRACTOR, THIS CONTRACTOR SHALL INSPECT SUCH OTHER WORK AND PROMPTLY REPORT IN WRITING TO THE ARCHITECT ANY DEFECTS IN SUCH OTHER WORK THAT RENDER IT UNSUITABLE TO RECEIVE THE WORK OF THIS CONTRACTOR. FAILURE OF THIS CONTRACTOR TO SO INSPECT AND REPORT SHALL CONSTITUTE AN ACCEPTANCE OF THE OTHER CONTRACTORS WORK, EXCEPT AS TO DEFECTS WHICH MAY DEVELOP IN OTHER CONTRACTORS WORK AFTER EXECUTION OF THIS CONTRACTORS WORK.
- ON ARCHITECTURAL FLOOR PLANS, ALL DIMENSIONS ARE TO FACE OF FRAMING, COLUMN LINE, OR CENTER LINE, EXCEPT WHERE NOTED AS CLEAR, IN WHICH CASE DIMENSIONS ARE TO FACE OF FINISH.
- INSPECTOR SHALL BE EMPLOYED BY OWNER AND APPROVED BY ARCHITECT, STRUCTURAL ENGINEER AND DSA.
- SUBSTITUTION SHALL BE CONSIDERED AS A CHANGE ORDER AND BE APPROVED BY DSA PRIOR TO FABRICATION OR USE.
- THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NONCOMPLYING CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY DSA BEFORE PROCEEDING WITH THE WORK.

FILE - 49-21
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610
DATE 12/9/2004



REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

COVER SHEET

A4745.01

NTS

09 DECEMBER 2004

A0.1

ENGINEER'S GENERAL NOTES:

1. THE CONTRACTOR SHALL BE IN RECEIPT OF APPROVED PLANS PRIOR TO BEGINNING ANY WORK.
2. THE TYPES, LOCATIONS, SIZES, AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZE, LOCATION, AND DEPTH OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE ALL UNDERGROUND FACILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND FACILITIES NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS WHICH ARE NOT SHOWN ON THESE PLANS. IF NO ELEVATION IS SHOWN ON THE PLANS THE CONTRACTOR SHALL ASSUME THE ELEVATION TO BE UNKNOWN.
3. THE CONTRACTOR IS TO EXPOSE THE END OF EXISTING UNDERGROUND UTILITIES AT POINTS OF CONNECTION FOR THE ENGINEER TO VERIFY LOCATION AND DEPTH OF FACILITIES PRIOR TO EXCAVATION OF PROPOSED UTILITY. ALL COSTS FOR SUCH EXCAVATION SHALL BE INCLUDED IN PRICES FOR VARIOUS ITEMS OF WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC. TO THE ARCHITECT IMMEDIATELY UPON DISCOVERY. IF SO DIRECTED BY THE ARCHITECT, THE CONTRACTOR SHALL STOP WORK UNTIL MITIGATION CAN BE MADE. ANY COSTS INCURRED RESULTING FROM THE CONTRACTOR'S FAILURE TO STOP WORK AS DIRECTED SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL UNDERGROUND UTILITY LOCATIONS ARE APPROXIMATE. CALL "UNDERGROUND SERVICE ALERT" 1-800-642-2444 FORTY-EIGHT (48) HOURS BEFORE DIGGING.
6. ALL WORK SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE APPROPRIATE PUBLIC AGENCY OR OWNER. WORK SHALL NOT BE COVERED PRIOR TO INSPECTION AND APPROVAL. REJECTED WORK SHALL BE REDONE AT THE CONTRACTOR'S EXPENSE.
7. EXISTING ASPHALTIC CONCRETE SURFACE SHALL BE CUT TO A NEAT STRAIGHT LINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED AND RESEALED PRIOR TO PAVING.
8. IF ANY ARCHAEOLOGICAL RESOURCES ARE FOUND DURING THE GRADING OF THE SITE OR DURING PERFORMANCE OF ANY EXCAVATION, WORK SHALL BE HALTED AND A QUALIFIED ARCHAEOLOGICAL FIRM SHALL BE CONSULTED FOR ADVICE.
9. CONSTRUCTION OF HANDICAP RAMPS SHALL BE IN STRICT CONFORMANCE WITH THE MOST RECENT EDITIONS OF TITLE 24 OF THE CALIFORNIA BUILDING CODE AND FEDERAL AMERICANS WITH DISABILITIES ACT.
10. AT THE CONCLUSION OF ITS WORK, THE CONTRACTOR SHALL REPAIR OR REPLACE ALL DAMAGED PROPERTY (PUBLIC AND PRIVATE) IN KIND FOR WHICH HE IS RESPONSIBLE (INCLUDING CURB, GUTTER AND SIDEWALKS). THE WORK SITE AND ADJACENT AREAS SHALL BE CLEANED UP. THIS REPAIR AND REPLACEMENT, AND CLEAN UP WORK SHALL BE SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE OWNER OR PUBLIC ENTITY AS IS APPROPRIATE.
11. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.
12. AN ENCROACHMENT PERMIT IS REQUIRED FOR ALL WORK ON PUBLIC PROPERTY AND SHALL BE OBTAINED BY THE CONTRACTOR.
13. THE CONSULTANT, CUNNINGHAM ENGINEERING COMPANY, HAS EXERCISED A REASONABLE AND ACCEPTABLE STANDARD OF CARE IN THE PREPARATION OF THESE PLANS. HOWEVER, THE DESIGN PROCESS INCLUDES ACTIVITIES OCCURRING AFTER PLAN SIGNATURE. THESE ACTIVITIES INCLUDE CALCULATIONS, PLAN CHECK AND VERIFICATIONS DURING CONSTRUCTION. SHOULD PERSONS OTHER THAN CUNNINGHAM ENGINEERING COMPANY PERFORM THE CONSTRUCTION STAKING OPERATION, THEY SHALL INDEMNIFY CUNNINGHAM ENGINEERING COMPANY FROM ANY DAMAGES RESULTING FROM FAILURE TO PERFORM THESE TASKS OR ANY EXPENSE OR DAMAGE RESULTING FROM OMISSION OR ERROR CONTAINED IN THE PLANS WHICH WOULD REASONABLY HAVE BEEN DISCOVERED AND CORRECTED BY CUNNINGHAM ENGINEERING COMPANY.
14. UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
15. ALL EXISTING UTILITY STRUCTURES WITHIN THE AREA OF WORK SHALL BE ADJUSTED OR RECONSTRUCTED TO THE FINISH GRADES SHOWN ON THESE PLANS.
16. THE COST OF PROTECTION AND/OR REPAIR OF THE CONTRACTOR'S WORK AS AFFECTED BY STORM WATERS DURING INCLEMENT WEATHER SHALL BE THE CONTRACTOR'S RESPONSIBILITY UNTIL THE PUBLIC IMPROVEMENTS HAVE BEEN ACCEPTED BY THE CITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ADJACENT PROPERTIES OR IMPROVEMENTS AS A RESULT OF NOT PROTECTING SUCH AREAS FROM STORM WATERS FLOWING OUT OF THE WORK AREA.

EARTHWORK NOTES:

1. INSPECTOR OF RECORD FROM SOLANO COMMUNITY COLLEGE SHALL BE PRESENT DURING GRADING. RESULTS OF ALL SOILS TESTING SHALL BE SUBMITTED TO THE OWNER BY THE SOILS TESTING COMPANY UPON COMPLETION OF GRADING OPERATIONS.
2. TRENCH EXCAVATION, PIPE BEDDING, AND PIPE BACKFILL INCLUDING COMPACTION SHALL BE IN COMPLIANCE WITH THE MATERIAL MANUFACTURER SPECIFICATIONS AND CALIFORNIA STATE REGULATIONS. IF IN CONFLICT, THE SOILS ENGINEER SHALL DETERMINE WHICH STANDARD SHALL GOVERN.
3. THE CONTRACTOR IS RESPONSIBLE FOR BALANCING THE EARTHWORK IN ACCORDANCE WITH THESE PLANS AND SHALL PAY FOR ALL IMPORT OR EXPORT OF MATERIALS TO ACHIEVE THE BALANCE. THE GEOTECHNICAL ENGINEER SHALL APPROVE THE SUITABILITY OF ANY PROPOSED IMPORT MATERIAL TO THE CONSTRUCTION SITE.
4. EROSION CONTROL MEASURES SHALL BE IMPLEMENTED YEAR ROUND AND SHALL CONSIST OF THE FOLLOWING MINIMUM MEASURES. IF GRADING AND DRAINAGE CONSTRUCTION IS NOT COMPLETE DURING THE PERIOD FROM OCTOBER 15 TO MAY 15, THEN THE CONTRACTOR SHALL:
- A. PROVIDE EROSION PROTECTION ON SLOPES THAT ARE 10:1 OR STEEPER AND IN SWALES THAT ARE 2% OR STEEPER.
- B. GRADE ALL SAC POINTS IN STREET AREAS TO DRAIN.
- C. PROVIDE SILT CATCHMENTS TO PREVENT SEDIMENTATION IN EXISTING STORM DRAIN SYSTEMS.
- D. CLEAN DOWNSTREAM PIPES AS DIRECTED BY SOLANO COMMUNITY COLLEGE.
- E. MAINTAIN AND KEEP ALL STREETS AND SIDEWALKS CLEAN, AS DIRECTED BY SOLANO COMMUNITY COLLEGE.
5. STRAIGHT GRADE BETWEEN ELEVATIONS SHOWN ON THESE PLANS.

STORM DRAINAGE NOTES:

1. CONTRACTOR SHALL EXPOSE EXISTING INVERTS AT NEW CONNECTION POINTS AND VERIFY ELEVATIONS PRIOR TO CONSTRUCTION OF ANY STORM DRAINAGE FACILITIES.
2. UNLESS OTHERWISE NOTED, STORM DRAIN PIPE SHALL BE REINFORCED CONCRETE PIPE AND SHALL CONFORM TO ASTM C76, CLASS III, UNLESS OTHERWISE NOTED.
3. STORM WATER LINES SHALL BE CONSTRUCTED STRAIGHT AND TO A CONSTANT GRADE BETWEEN STRUCTURES SHOWN.
4. THE STORM WATER SYSTEM SHALL BE THOROUGHLY CLEANED PRIOR TO OWNERS ACCEPTANCE.

CONCRETE CONSTRUCTION NOTES:

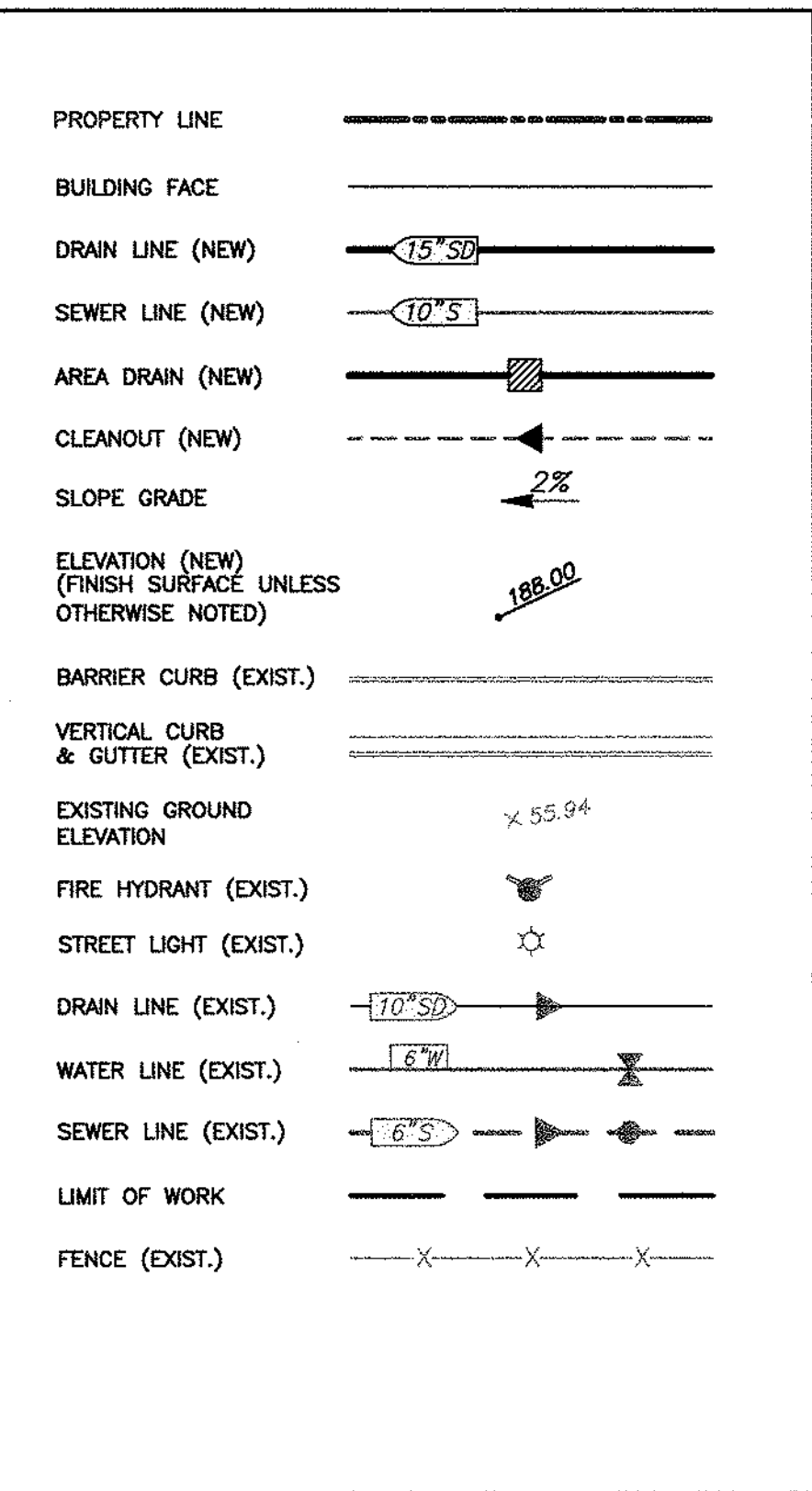
1. ALL SITE CONCRETE SHALL CONFORM TO THE MOST CURRENT ACT STANDARDS WITH RESPECT TO MATERIALS, MIXING, HAULING, PLACEMENT, FINISHING, AND CURING. CONCRETE MIX SHALL BE CLASS A WITH A 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. THE SLUMP SHALL BE 4 INCHES AS DETERMINED BY ASTM TEST C143.
2. A CURING COMPOUND SHALL BE APPLIED TO THE POURED SURFACES TO CONTAIN MOISTURE DURING THE CURING PROCESS.
3. ALL EXPOSED SITE CONCRETE EDGES SHALL HAVE A 1/4" INCH RADIUS UNLESS OTHERWISE SHOWN.
4. FORMS SHALL BE STAKED OFTEN ENOUGH TO INSURE STRAIGHT FINISHED CONCRETE EDGES.
5. ALL CONCRETE SHALL BE SMOOTH FINISHED WITH THE EXCEPTION OF HANDICAP RAMPS WHICH SHALL BE SCRIBED AND DRIVEWAYS WHICH SHALL RECEIVE A LIGHT BROOM FINISH.
6. PREMOULDED EXPANSION JOINTS SHALL BE PLACED AT 50 FOOT INTERVALS ALONG CURB CONSTRUCTION WITH SCORED CRACK CONTROL JOINTS AT 10 FOOT INTERVALS. THE SCORING SHALL BE 1/8" INCH THICK AND 1 INCH DEEP. EXPANSION AND CRACK CONTROL JOINTS IN CURBING ADJACENT TO CONCRETE FLATWORK SHALL MEET AND MATCH SIMILAR JOINTS IN SUCH FLAT WORK.
7. FINISH SURFACES SHALL BE EVEN, UNIFORM IN COLOR, AND NOT PITTED OR OTHERWISE MARRED.
8. SITE CONCRETE WHERE REMOVED AND REPLACED OR PLACED ADJACENT TO EXISTING CONCRETE SHALL BE DOWELED WITH #4 x 12" REBAR. REBAR TO BE EPOXIED IN 3/4" DIA. x 6" HOLES DRILLED IN EXISTING CONCRETE 18" ON CENTER.

KEYNOTES:

1. INSTALL HANDICAP PARKING STALL IDENTIFICATION PER DETAIL A1, SHEET A1.2.
2. SEE MECHANICAL SITE PLAN, SHEET M2.00 FOR SIZE, LOCATION AND CONTINUATION OF CHILLED WATER SUPPLY AND RETURN INTO BUILDING.
3. INSTALL SIDEWALK AT DEMOED DRIVEWAY PER DETAIL A13, SHEET A1.2.
4. INSTALL NEW MODIFICATION OF EXISTING DRIVEWAY PER DETAIL A14, SHEET A1.2.
5. INSTALL ACCESSIBLE CURB-CUT RAMP AT CORNER PER DETAIL A18, SHEET A1.3. SAWCUT AND REMOVE EXISTING CURB-CUT AT CORNER.
6. INSTALL PEDESTRIAN RAMP AND SIDEWALK PER DETAIL A16, SHEET A1.3.
7. INSTALL NEW TYPICAL AREA DRAIN PER DETAIL THIS SHEET. CONNECT TO EXISTING 12" STORM DRAIN PIPE PER MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF EXISTING 12" STORM DRAIN PIPE PRIOR TO CONSTRUCTION.
8. EXISTING STORM DRAIN INLET TO BE RAISED TO FINISH GRADE. REMOVE EXISTING GRATE AND INSTALL NEW DIAMOND PLATE COVER.
9. REGRADE LANDSCAPE AREA TO AVOID PONDING AND DRAIN AWAY FROM NEW PEDESTRIAN RAMP.
10. GRADE LANDSCAPE AREA TO DRAIN TOWARD DRAIN INLET.
11. INSTALL TYPICAL CURB AT NEW SIDEWALK PER DETAIL A9 AND JOINTS @ EXTERIOR FLATWORK/SIDEWALK PER DETAIL A10, SHEET A1.2.
12. SAWCUT AND REMOVE EXISTING CURB-CUT RAMP TO NEAREST EXPANSION JOINT. INSTALL NEW ACCESSIBLE CURB-CUT RAMP AT CORNER PER DETAIL A11, SHEET A1.2.
13. INSTALL NEW CROSSWALK PER DETAIL A12, SHEET A1.2.
14. INSTALL "POLYDRAIN" TRENCH DRAIN WITH HEEL PROOF GRATE-MEETING ADA REQUIREMENTS. CONNECT TO NEW 12" STORM DRAIN OR TO CURB INLET.
15. SAWCUT, REMOVE, AND REPLACE 1' MINIMUM STRIP OF EXISTING A.C. PER DETAIL A9, SHEET A1.2. REPLACE PAVEMENT SECTION TO MATCH EXISTING.
16. INSTALL TYPE II CATCH BASIN PER CITY OF FAIRFIELD STANDARD DETAILS 20 AND 21.
17. SAWCUT, REMOVE, AND REPLACE EXISTING CONCRETE FLATWORK TO NEAREST EXPANSION JOINT.
18. INSTALL 9' OF NEW 8" PVC SDR-35 STORM DRAIN PIPE @ S=0.020 MINIMUM AND 30" MINIMUM COVER. CONNECT TO EXISTING CURB INLET.
19. INSTALL NEW TYPICAL WARPED SIDEWALK AT EXTERIOR DOOR PER DETAIL A19, SHEET A1.3.
20. INSTALL 3' TRANSITION FROM 6" CURB TO FLUSH CURB.

ABBREVIATIONS			
AB	AGGREGATE BASE	LN	LANE
AC	ASPHALT CONCRETE	M	METER
APPD.	APPROVED	MAX	MAXIMUM
ARCH.	ARCHITECTS	MIN	MINIMUM
ARV	AIR RELEASE VALVE	M&S	MAPS AND SURVEYS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	N	NORTH
AVE.	AVENUE	NG	NATURAL GROUND
BLDG.	BUILDING	NTS	NOT TO SCALE
BLVD.	BOULEVARD	OU	OVERHEAD UTILITY
BM	BENCH MARK	P	POWER
B.O.V.	BLOWOFF VALVE	PP	PROPERTY LINE
CB	CATCH BASIN	PM	PARCEL MAP
C&G	CURB AND GUTTER	PSI	POUNDS PER SQUARE INCH
CL	CLASS, CENTERLINE	PUE	PUBLIC UTILITY EASEMENT
C.O.T.G.	CLEAN OUT TO GRADE	PVC	POLY VINYL CHLORIDE
D	DRAIN LINE	R	RIDGE, RADIUS, RANGE
DEPT.	DEPARTMENT	RCF	REINFORCED CONCRETE PIPE
D.I.P.	DUCTILE IRON PIPE	RD	ROAD
DR	DRIVE	R.O.W.	RIGHT OF WAY
DWG.	DRAWING	S	SLOPE, SEWER, SOUTH
E	EAST	SD	STORM DRAIN
EB	ELECTRICAL BOX	SG	SUBGRADE
ELEV.	ELEVATION	SS	SANITARY SEWER
EM	ELECTRICAL METER	ST	STREET
ETC.	ETCETERA	STD	STANDARD
EX. EXIST.	EXISTING	SUBD	SUBDIVISION
FF	FINISH FLOOR	I, TEL	TELEPHONE
FG	FINISH GRADE	TBW	TOP BACK OF WALK
FH	FIRE HYDRANT	TC	TOP OF CURB
FL	FLOWLINE	TI	TRAFFIC INDEX
FS	FINISH SURFACE	TP	TOP OF PAVEMENT
GM	GAS METER	TS	TRAFFIC SIGNAL
GR	GRATE ELEVATION	TSP	TRAFFIC SIGNAL PULL BOX
GV	GAS VALVE	TV	TELEVISION
INC.	INCORPORATED	USA	UNDERGROUND SERVICE ALERT
INDUST.	INDUSTRIAL	W	WATER, WEST
INV	INVERT ELEVATION	WM	WATER METER
JP	JOINT POLE	WS	WATER SERVICE
L	LENGTH, LAUNDRY		
LF	LINEAL FEET		

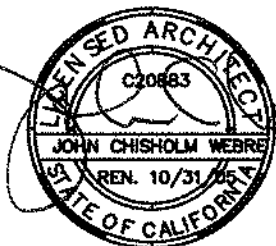
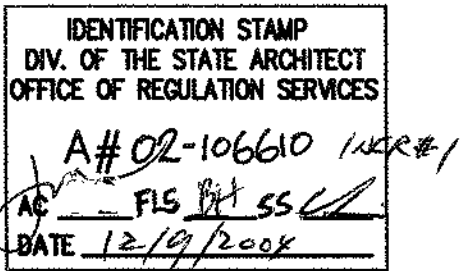
LEGEND:



DREYFUS & BLACKFORD

ARCHITECTS

3540 FOLSON BOULEVARD
SACRAMENTO, CALIFORNIA
95816
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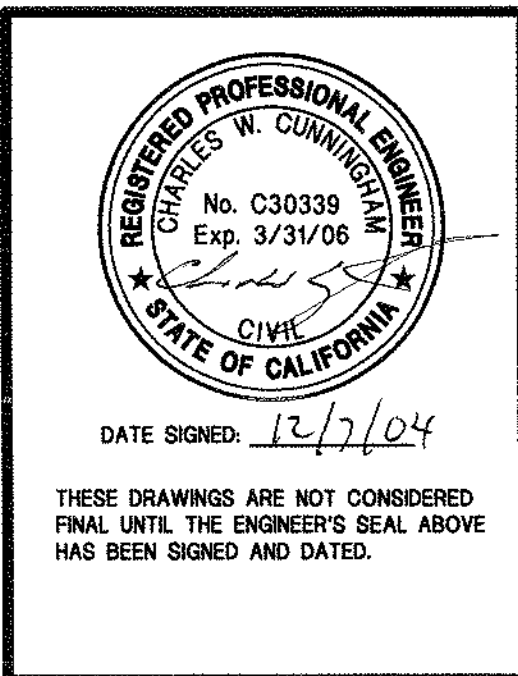
SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

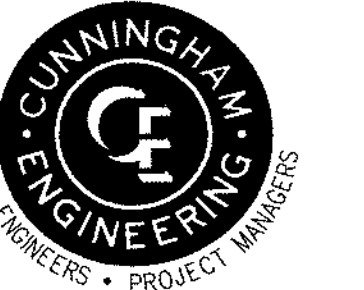
CIVIL IMPROVEMENT PLANS
TITLE SHEET

A4745.01

09 DECEMBER 2004

C-0





NOTES:

1. ALL ELEVATIONS SHOWN ARE FINISHED SURFACE ELEVATION (EXCEPT WHERE INDICATED).
2. SEE ARCHITECTURAL PLANS FOR SITE DEMOLITION AND FLATWORK DETAILS.
3. CONSTRUCT CONCRETE SIDEWALKS AND MISCELLANEOUS FLATWORK PER DETAIL A10 ON SHEET A1.2. SEE CONCRETE NOTES ON SHEET C-0.
4. CONTROL JOINT AND EXPANSION JOINTS PER DETAIL A10 ON SHEET A1.2. SEE CONCRETE NOTES ON SHEET C-0.
5. SEE SHEET C-0 FOR KEYNOTES.

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DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610
DATE 12/17/04



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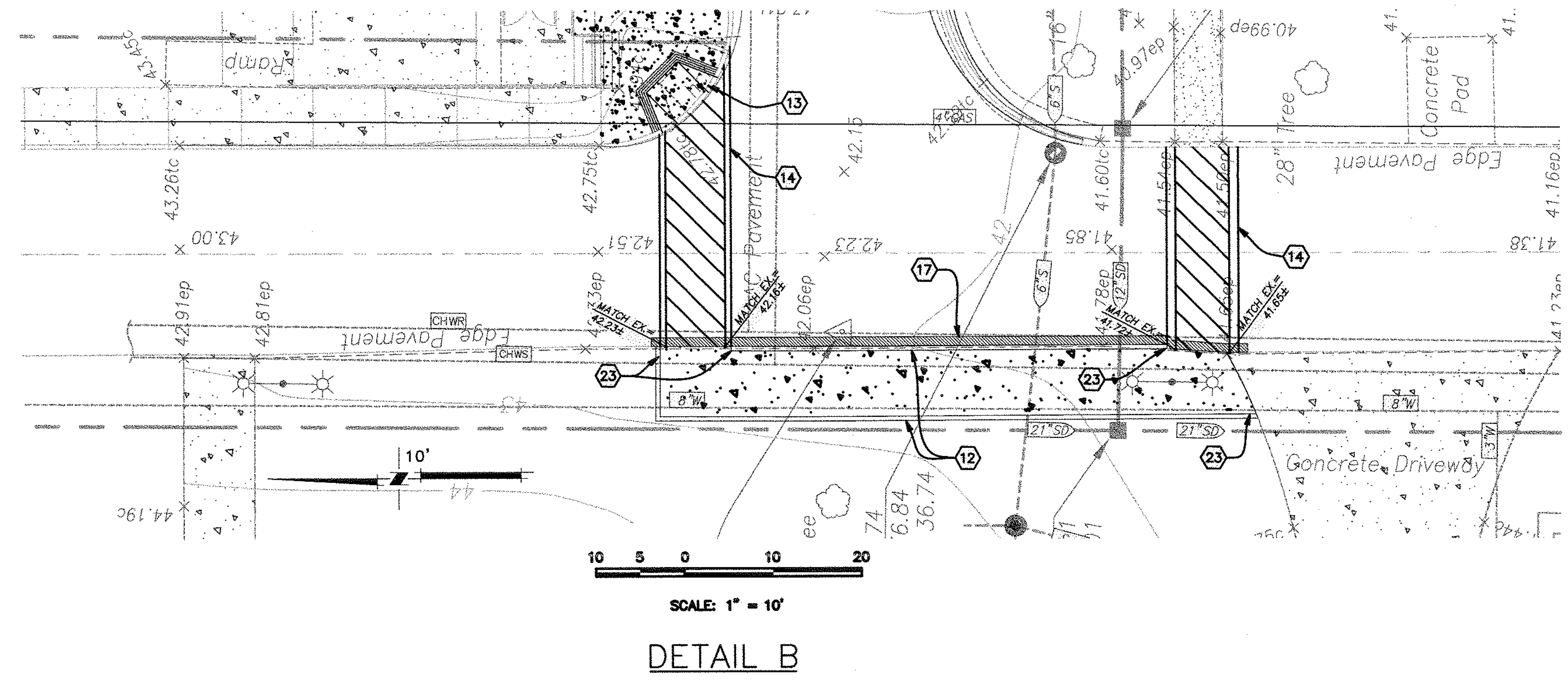
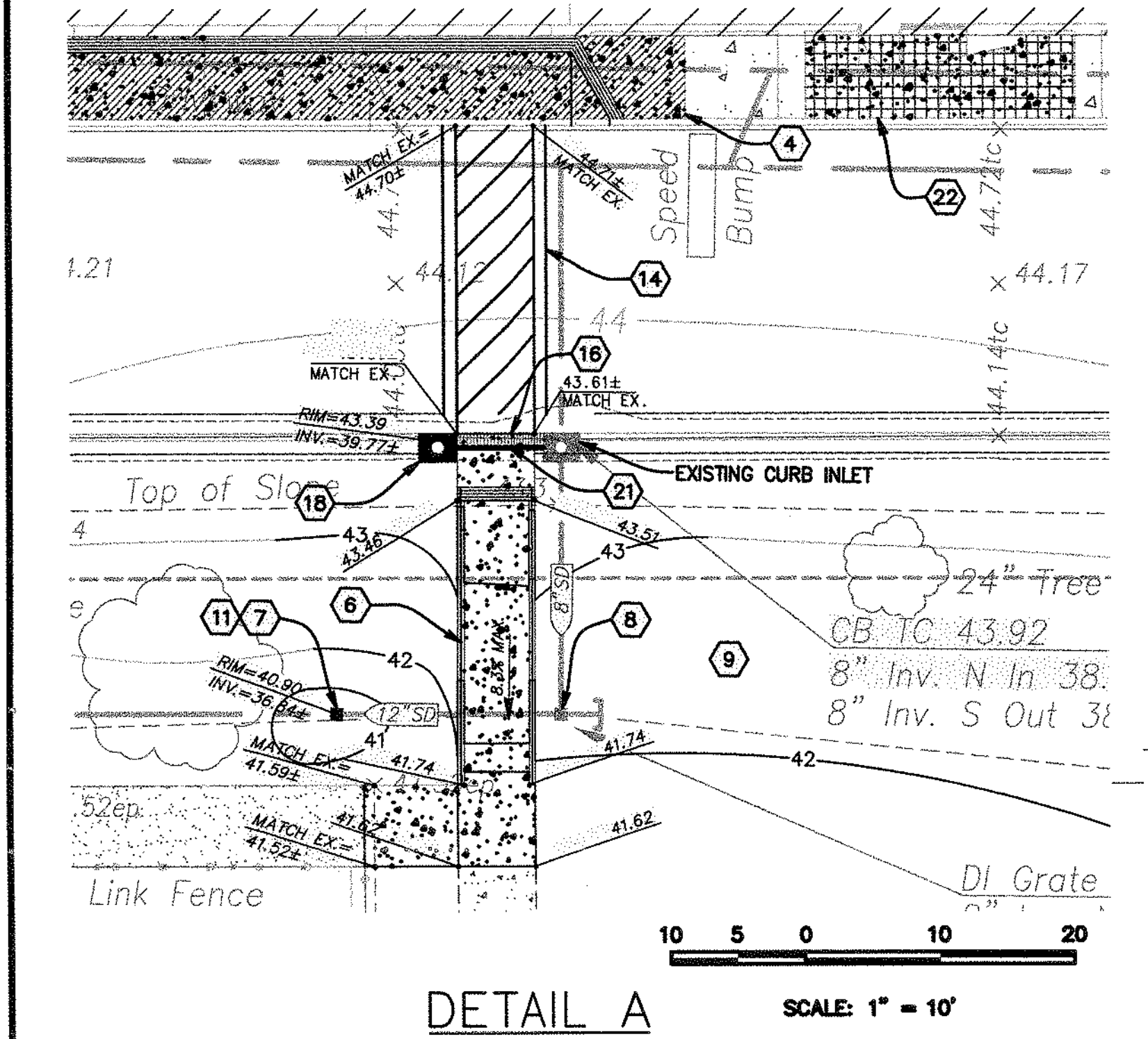
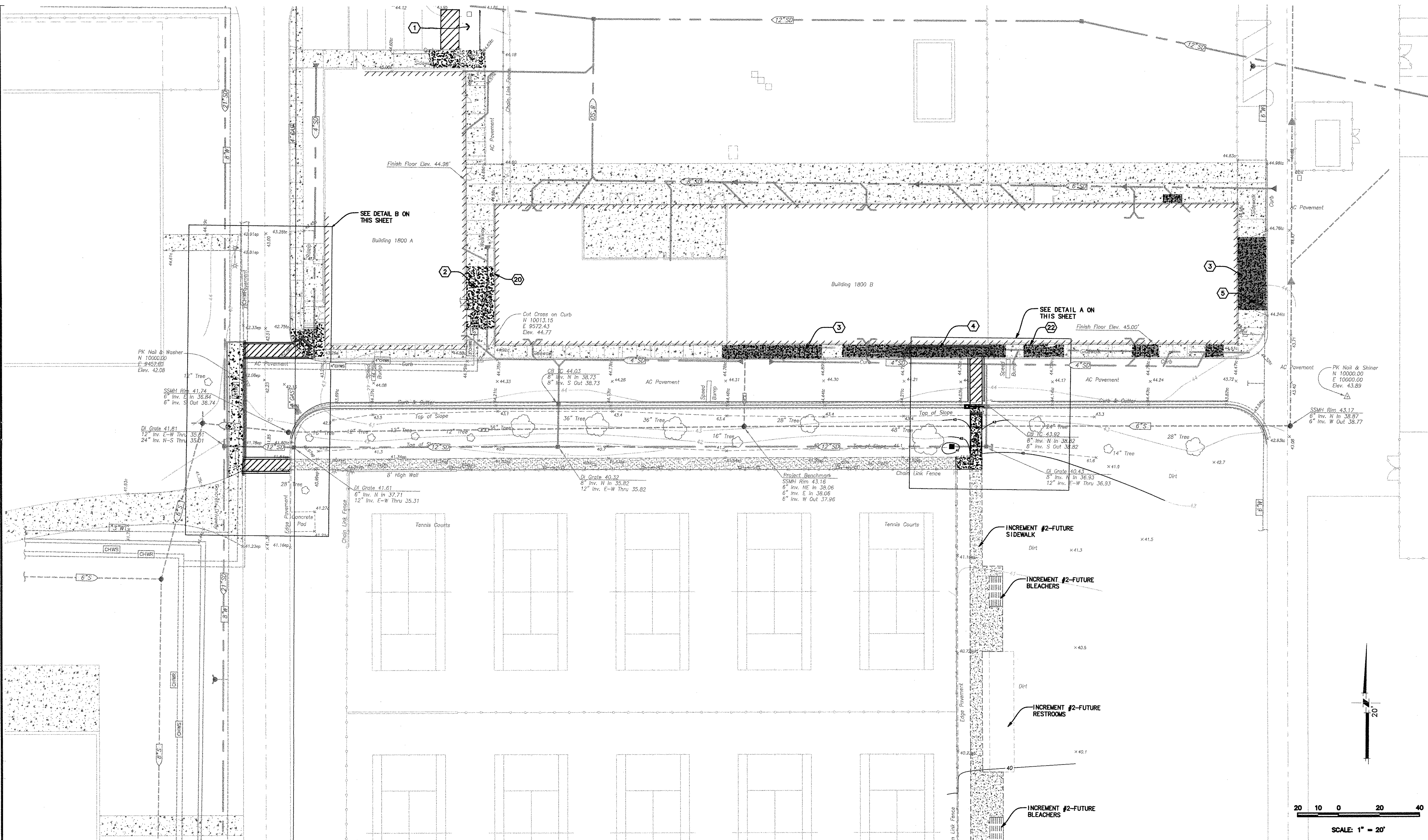
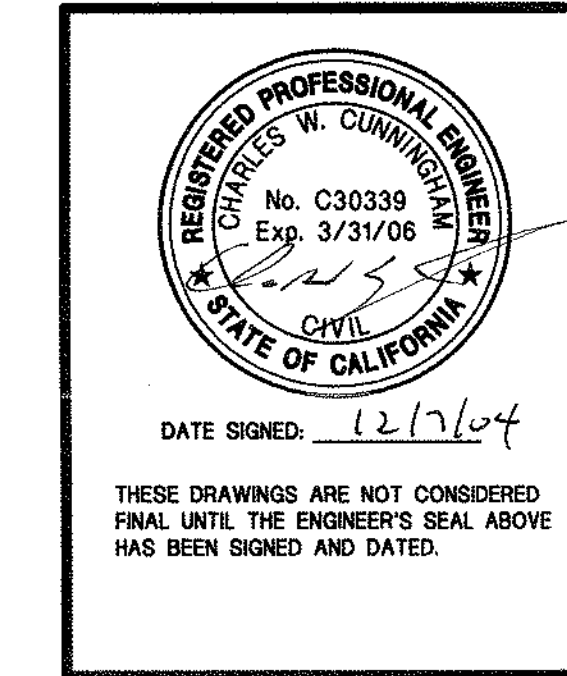
SOLANO COMMUNITY COLLEGE
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SWING SPACE RENOVATION
INCREMENT #1

CIVIL IMPROVEMENT PLANS
SITE GRADING AND UTILITY PLAN

A4745.01

09 DECEMBER 2004

C-1



LEGEND

- B** — OCCUPANCY CLASSIFICATION
100 — OCCUPANT LOAD FACTOR
7,591 — OCCUPANT LOAD
7,591 — ROOM FLOOR AREA
11 — EXIT LOAD AND DIRECTION OF FLOW
EXISTING BLDG. — EXISTING BUILDING (AREA OF WORK)
ASSUMED PROPERTY LINE
RATED WALL CONDITION
ACCESSIBLE PATH OF TRAVEL (P.O.T.)

PATH OF TRAVEL (P.O.T.) AS INDICATED IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT VERTICAL CHANGES EXCEEDING 1/2" AT 1:2 MAX. SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL MAX. CROSS SLOPE 2% TYP. THE CONTRACTOR SHALL VERIFY THAT ALL BARRIERS ON THE INDICATED PATH OF TRAVEL HAVE BEEN REMOVED. SEE CIVIL DRAWINGS FOR EXISTING GRADE. **NO OPERATING IN P.O.T. CAN BE GREATER THAN 1/2".**
ALLOWABLE BUILDING AREAS:

AREA #1 TABULATION:
OCCUPANCY GROUP: B
TYPE OF CONSTRUCTION: TYPE V-N SPRINKLED
BASIC ALLOWABLE AREA: = 8,000 S.F.
ALLOWABLE INCREASE: (SPRINKLERS)
8,000 S.F. x 3 = 24,000 S.F.
ACTUAL BLDG. AREA = 8,679 S.F.
(8,679 < 24,000 OK)

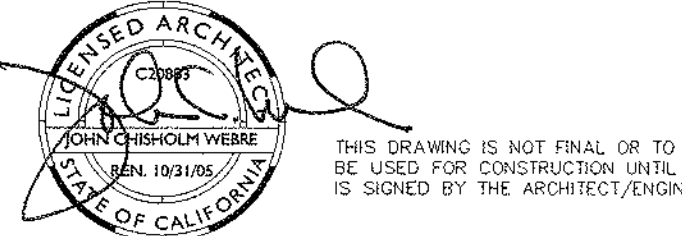
AREA #2 TABULATION:
OCCUPANCY GROUP: H-4
TYPE OF CONSTRUCTION: TYPE V-N
BASIC ALLOWABLE AREA: = 5,100 S.F.
ACTUAL AREA: = 4,100 S.F.
(4,100 < 5,100 OK)

AREA #3 TABULATION:
MIX OCCUPANCY GROUP: B, S-3
TYPE OF CONSTRUCTION: TYPE V-N
OCCUPANCY GROUP: B
BASIC ALLOWABLE AREA: = 8,000 S.F.
ACTUAL GROUP B OCCUPANCY AREA: = 1,924 S.F.
(1,924 < 8,000 OK)

OCCUPANCY GROUP: S-3
BASIC ALLOWABLE AREA: = 8,000 S.F.
ACTUAL GROUP B OCCUPANCY AREA: = 2,594 S.F.
(2,594 < 8,000 OK)

SUM OF MIX OCCUPANCY RATIO:
1,924 / 8,000 + 2,594 / 8,000 = 0.56
(0.56 < 1.00 OK)

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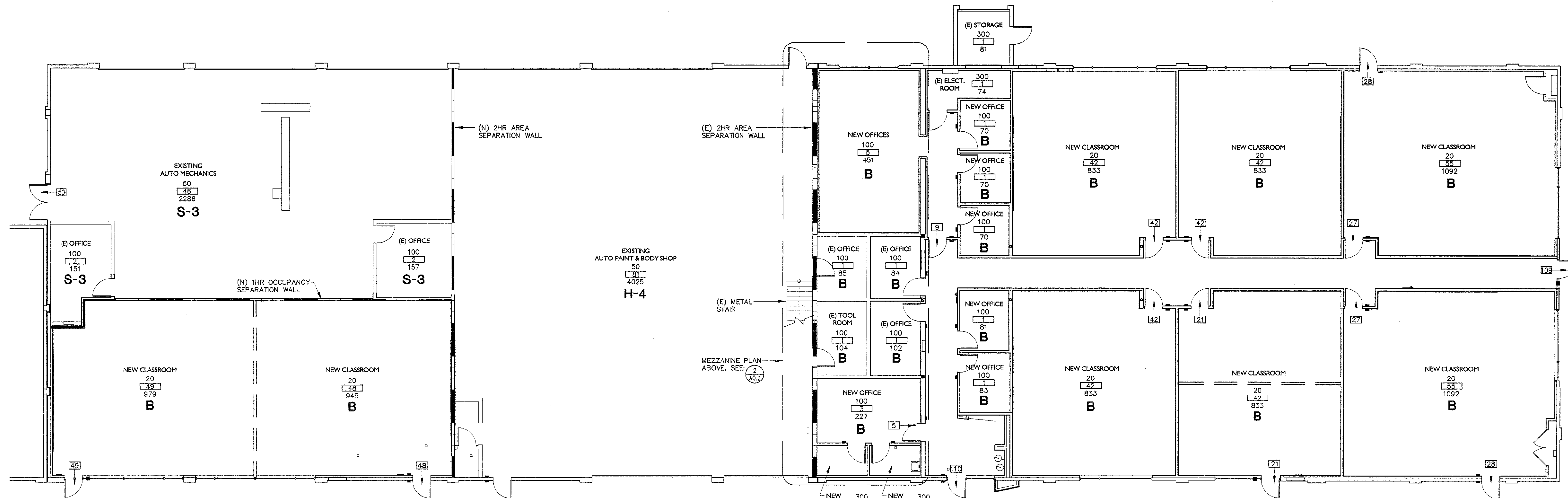
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

CODE ANALYSIS AND
SITE ACCESSIBILITY
PLANS

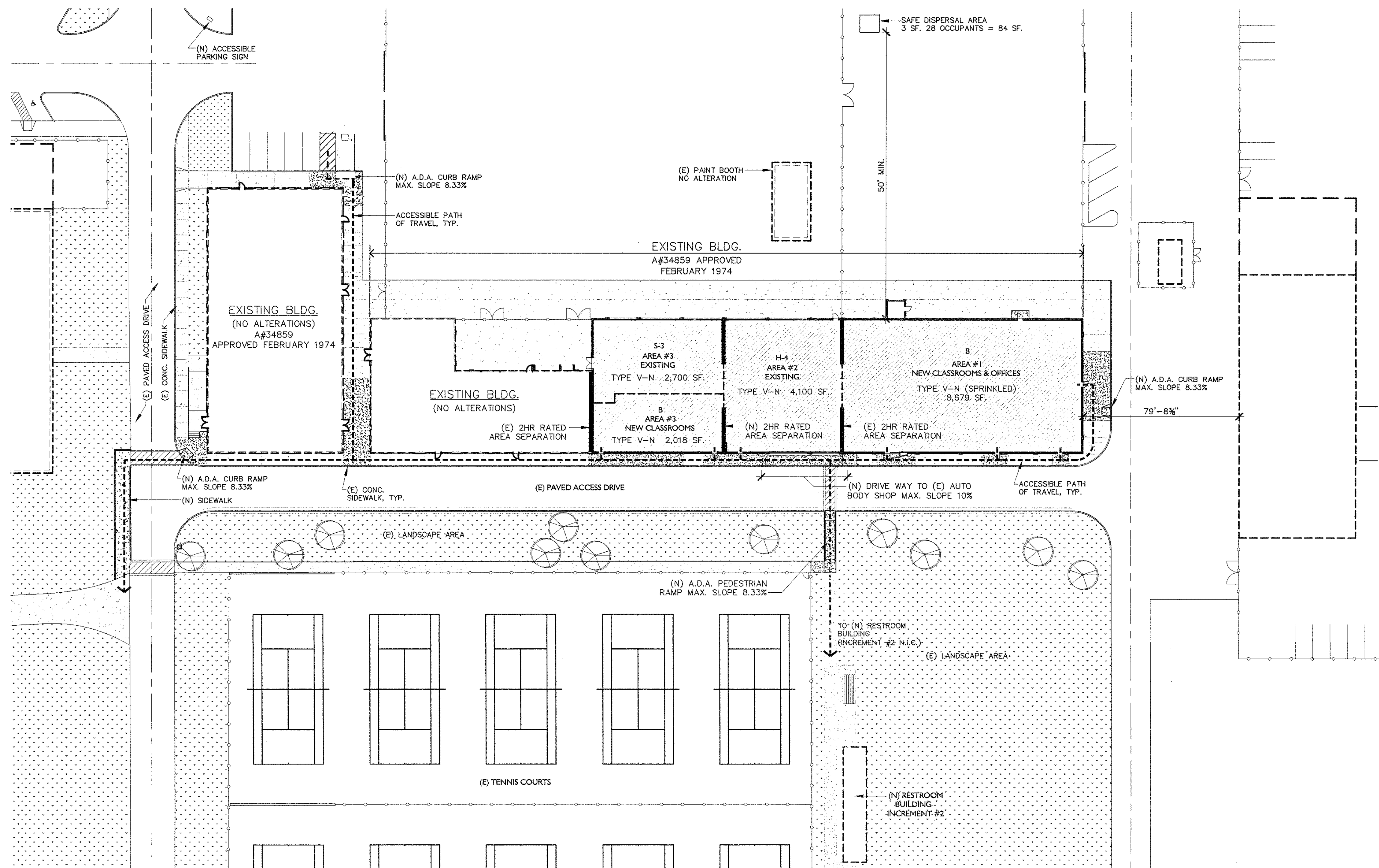
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A0.2



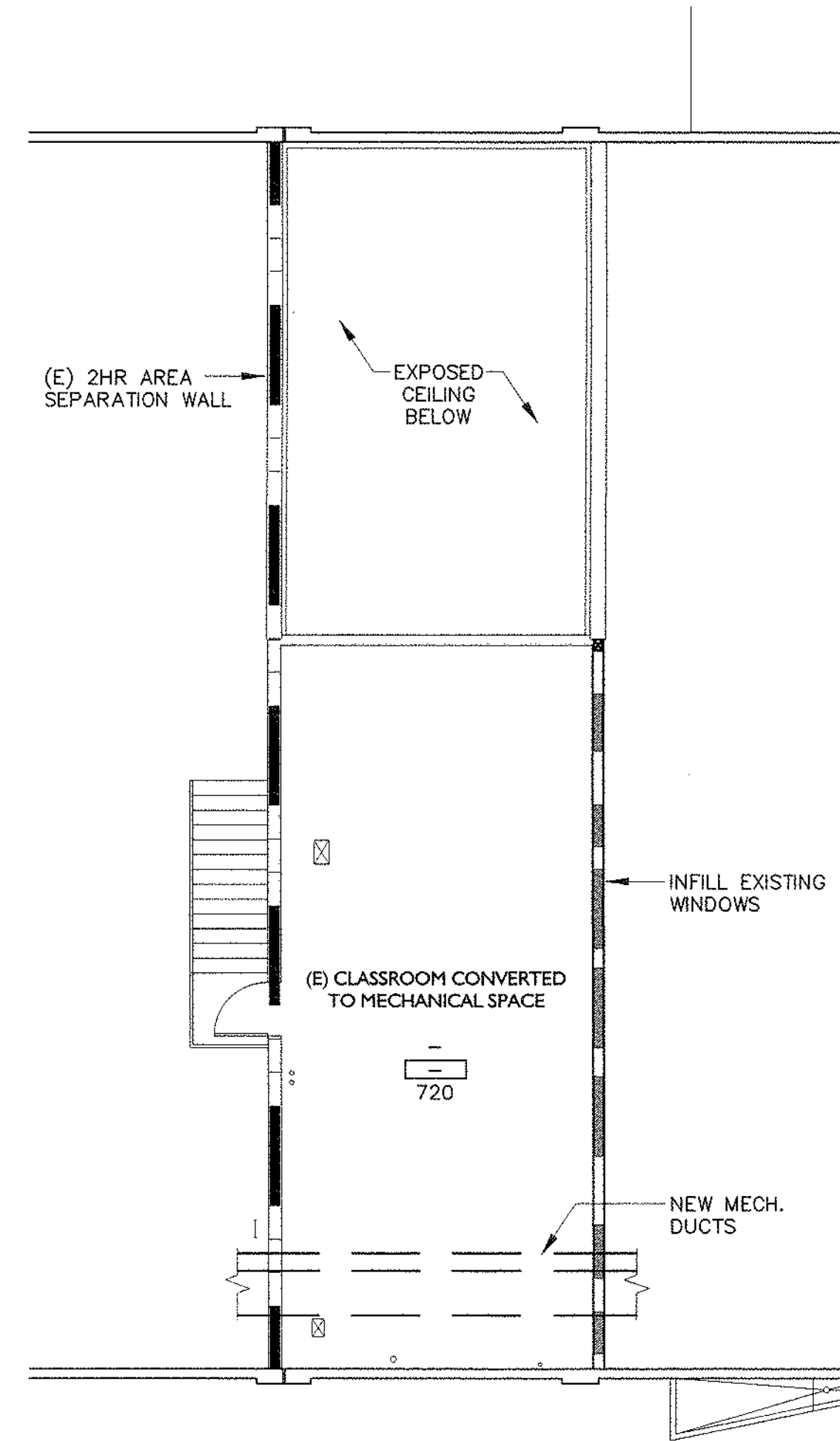
1 CODE ANALYSIS PLAN

1/8" = 1'-0"



3 SITE ACCESSIBILITY PLAN (SEE SHEET A1.1 FOR SITE PLAN)

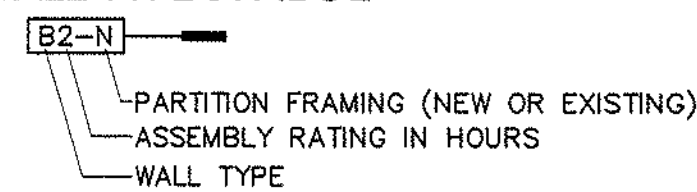
1" = 30'-0"



2 MEZZANINE PLAN

1/8" = 1'-0"

WALL TYPE SYMBOL

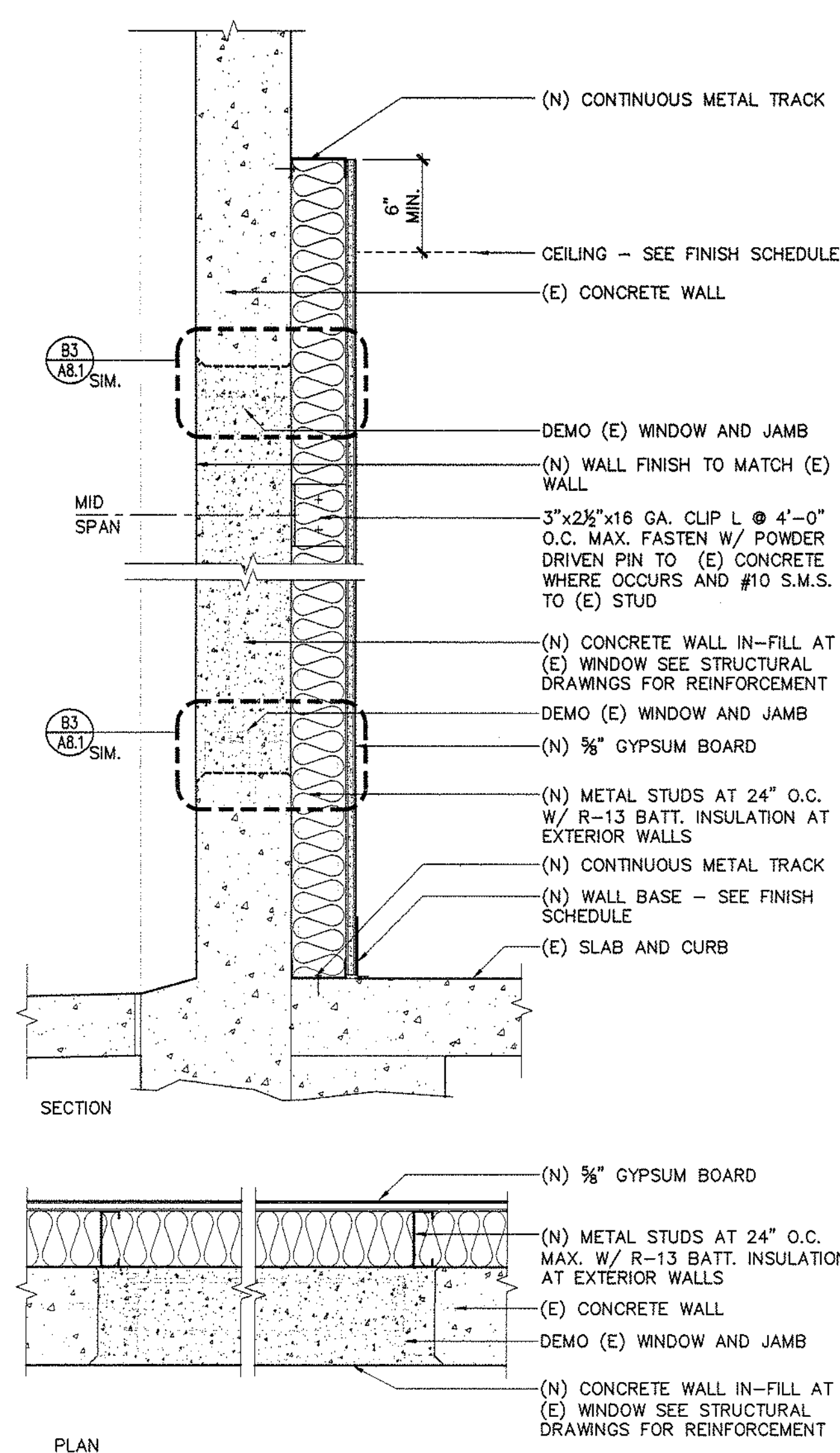


NOTE:
SEE SHEETS A0.3 - A0.5 FOR WALL TYPES.

ASSEMBLY FIRE RATING
MUST MEET REQUIREMENTS FOR UL ASSEMBLY
LISTED IN WALL TYPES, SEE A0.3 - A0.5

PARTITION GENERAL NOTES

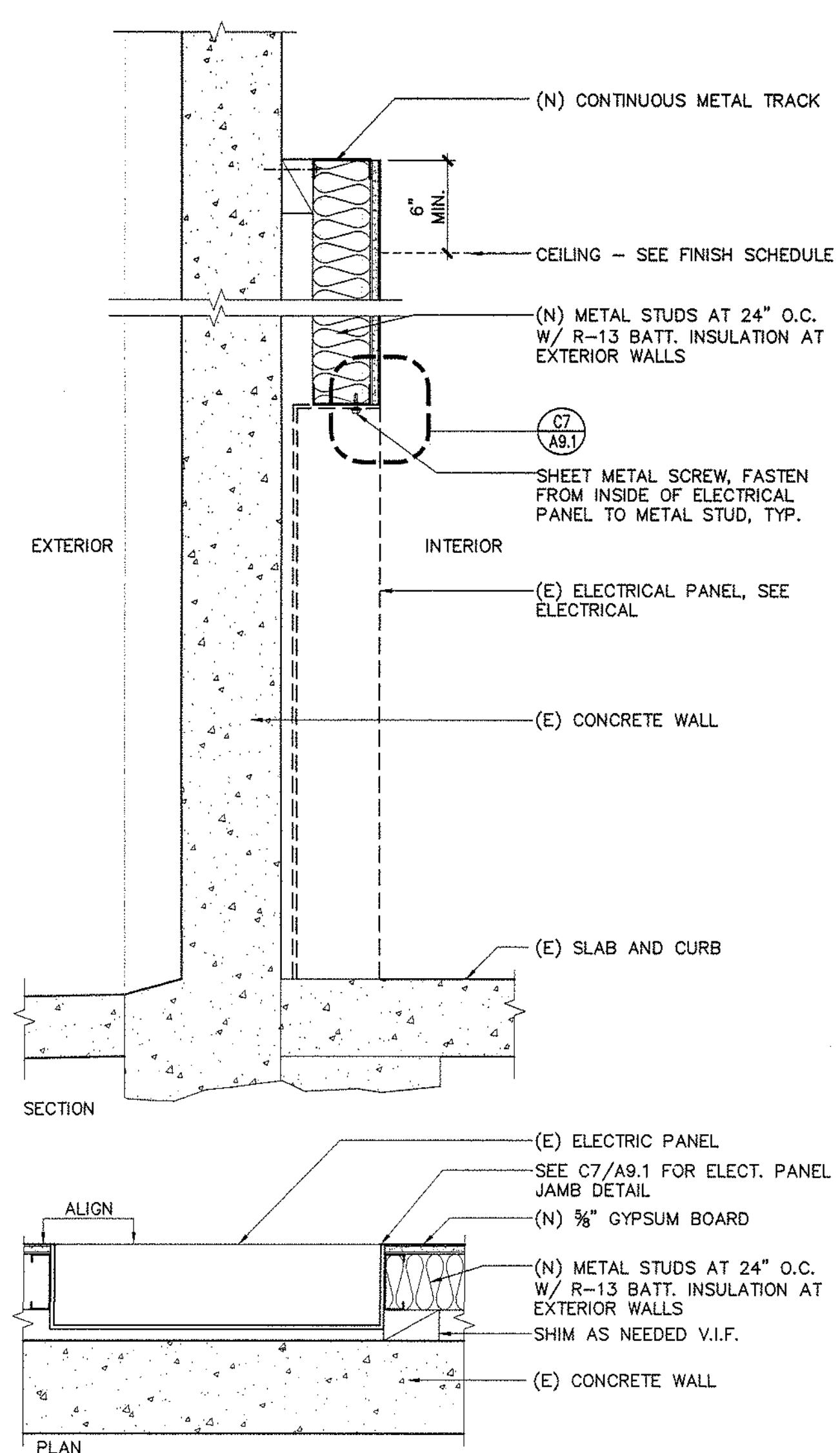
- WHERE FIRE TESTS ARE INDICATED IN PARTITION DESCRIPTION, CONFIGURE AND INSTALL PARTITION PER TESTING AGENCY CRITERIA OR OTHER TESTS APPROVED BY LOCAL CODE OFFICIALS. TESTING AGENCY CRITERIA MAY INCLUDE ADDITIONAL COMPONENTS NOT INDICATED ON THIS SCHEDULE OR REFERENCED DETAILS. THERE ARE OTHER PARTITIONS UTILIZED WHICH ARE NOT TYPED USING THE PARTITION TYPE SYMBOL. THESE INCLUDE STRUCTURAL WALLS AND EXTERIOR PARTITIONS. SEE EXTERIOR DETAILS AND STRUCTURAL DRAWINGS FOR REQUIREMENTS.
- GYPSUM WALLBOARD IS $\frac{5}{8}$ " THICK TYPE "X" U.O.N. PROVIDE $\frac{5}{8}$ " THICK TYPE "X" PROPRIETARY FIRE RATED MATERIALS AS APPROVED BY TESTED FIRE ASSEMBLIES.
- DRYWALL PARTITION CONTROL JOINTS ARE REQUIRED AT APPROXIMATELY 30'-0" O.C. FOR STRAIGHT AND CONTINUOUS WALLS, AT OPENING LOCATIONS, OR AS NOTED OTHERWISE ON PLANS.
- MECHANICAL AND ELECTRICAL PENETRATIONS THROUGH SOUND BARRIER PARTITIONS ARE TO AVOID BACK TO BACK DEVICE BOXES. ALL DEVICES TO BE PLACED IN SEPARATE STUD SPACES MIN. 8" O.C. SEPARATION. DUCT PENETRATIONS TO RECEIVE PERIMETER SOUND SEAL BETWEEN DUCT AND WALL FRAMING AND EACH SIDE OF GYPSUM WALLBOARD LAYER MEETING DUCT SURFACES.
- OUTER LAYER OF ALL INTERIOR GYPSUM DRYWALL PARTITIONS ADJACENT OR EXPOSED TO WET OR HUMID CONDITIONS SHALL BE CONSTRUCTED WITH WATER RESISTANT GYPSUM WALL BOARD OR EQUAL AS SUBSTITUTE PREPARED TO RECEIVE SCHEDULED CERAMIC OR STONE TILE, WATER RESISTANT WALL PANELS OR HIGH PERFORMANCE PAINT FINISHES, I.E. JANITOR CLOSET AND WALLS ADJACENT TO DRINKING FOUNTAIN.
- SEE FINISH SCHEDULE FOR THE APPLIED FINISH ON EACH WALL TYPE. ALL DRYWALL CONSTRUCTION WILL BE TAPED AND FLOATED; ALL EXPOSED DRYWALL CONSTRUCTION SHALL BE SANDED SMOOTH TO REMOVE ALL INDICATIONS OF THE JOINT WITH A VISUAL INSPECTION AND PREPARED TO RECEIVE THE APPROPRIATE SCHEDULED WALL FINISH.
- DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL ESTABLISH LOCATION OF ALL PARTITIONS. LARGER SCALE DRAWINGS HAVE PRIORITY OVER SMALLER SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE DRAWINGS BEFORE PROCEEDING WITH CONSTRUCTION.
- PARTITIONS ARE DIMENSIONED FROM FACE OF STUD, FACE OF MASONRY, OR FACE OF CONCRETE, UNLESS NOTED OTHERWISE.
- PARTITIONS ARE PARALLEL OR PERPENDICULAR TO COLUMN GRID, U.O.N.
- NOTES TO ALIGN SHALL MEAN TO ALIGN FINISHED FACE OF PARTITION, U.O.N., AND SHALL HAVE PRIORITY OVER DIMENSIONED LOCATION.
- INSIDE FACE OF EXTERIOR CONCRETE WALL WHICH MEET WINDOW WALLS SHALL ALIGN WITH THE INSIDE FACE OF THE MULLION U.O.N.
- PROVIDE DEFLECTION HEAD AT ALL INTERIOR PARTITIONS WHICH SPAN FROM SLAB TO ROOF. DEFLECTION JOINT SHALL ACCOMMODATE A MINIMUM OF $\frac{1}{2}$ " VERTICAL MOVEMENT U.O.N.
- PROVIDE $\frac{1}{2}$ " WIDE SOFT JOINT AT ALL INTERSECTIONS OF INTERIOR PARTITIONS WITH EXTERIOR WALLS.
- PROVIDE STUDS OF GAUGE AND SPACING ADEQUATE TO SUPPORT APPLIED LOADS INCLUDING HANDRAILS, GRAB BARS, WALL-MOUNTED FIXTURES, ETC.
- DOORS SHALL BE LOCATED 4" FROM THE ADJACENT WALL, U.O.N.
- POWER DRIVEN ANCHORS FOR BOTTOM TRACK SHALL BE HILTI D-145H X-DN137P8 (ICBO#2388), SIMPSON D-145H PD150 (ICBO#4546), ITW RAMSET 0.145H 1512 (ICBO #1639) OR APPROVED EQUAL.



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
HO-E	3 5/8"	20 GA.	NONE	NONE	NONE	

(N) METAL STUD INFILL AT (E) WINDOW
W/ (N) FURR OUT WALL ATTACHED
1-1/2" = 1'-0"

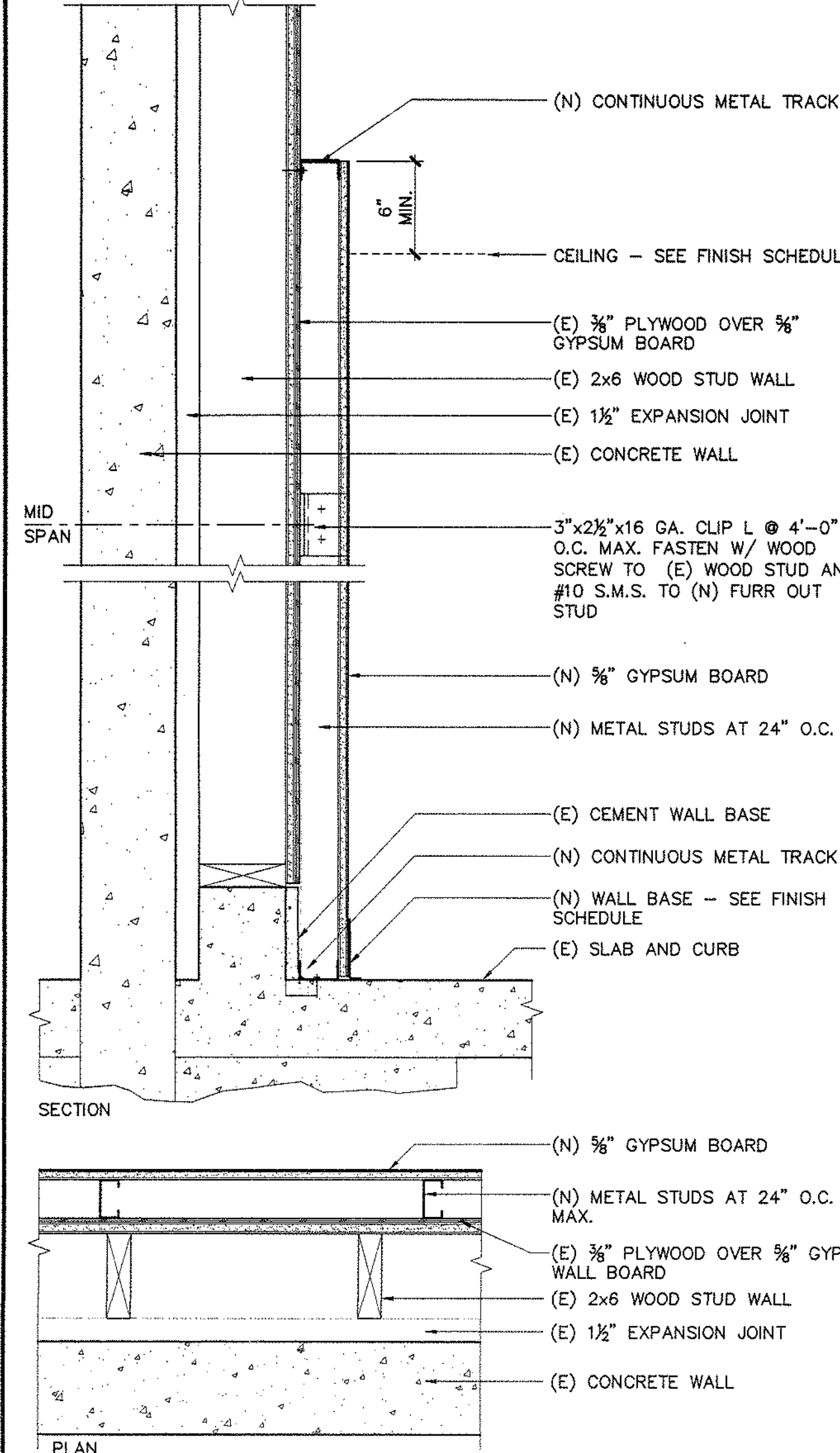
H



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
FO-E	3 5/8"	20 GA.	NONE	NONE	NONE	

(E) CONCRETE WALL WITH
(N) FURR OUT WALL ATTACHED
1-1/2" = 1'-0"

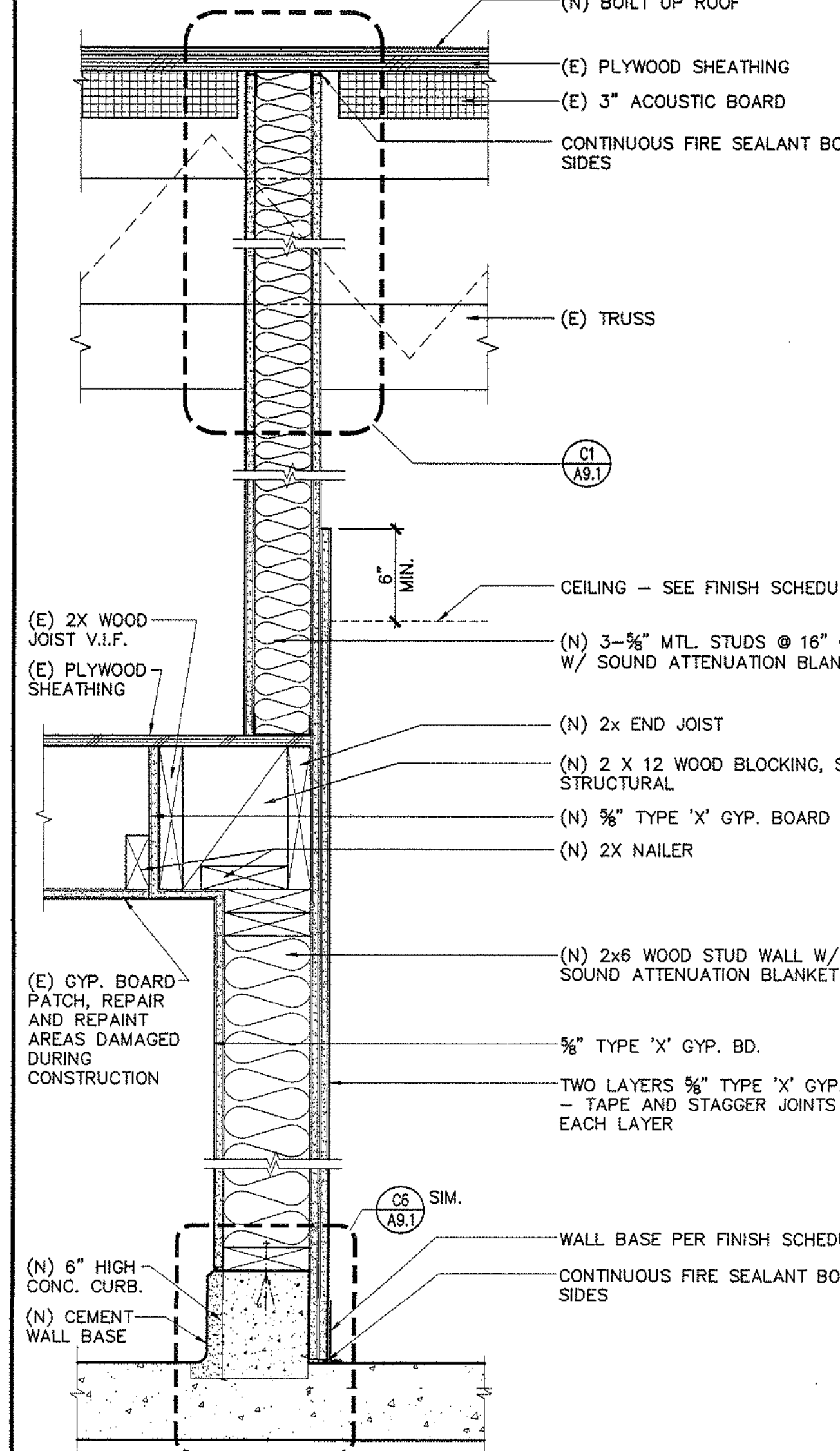
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WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
DO-E	2 1/2"	20 GA.	NONE	NONE	NONE	

(E) STUD WALL WITH
(N) FURR OUT WALL ATTACHED
1-1/2" = 1'-0"

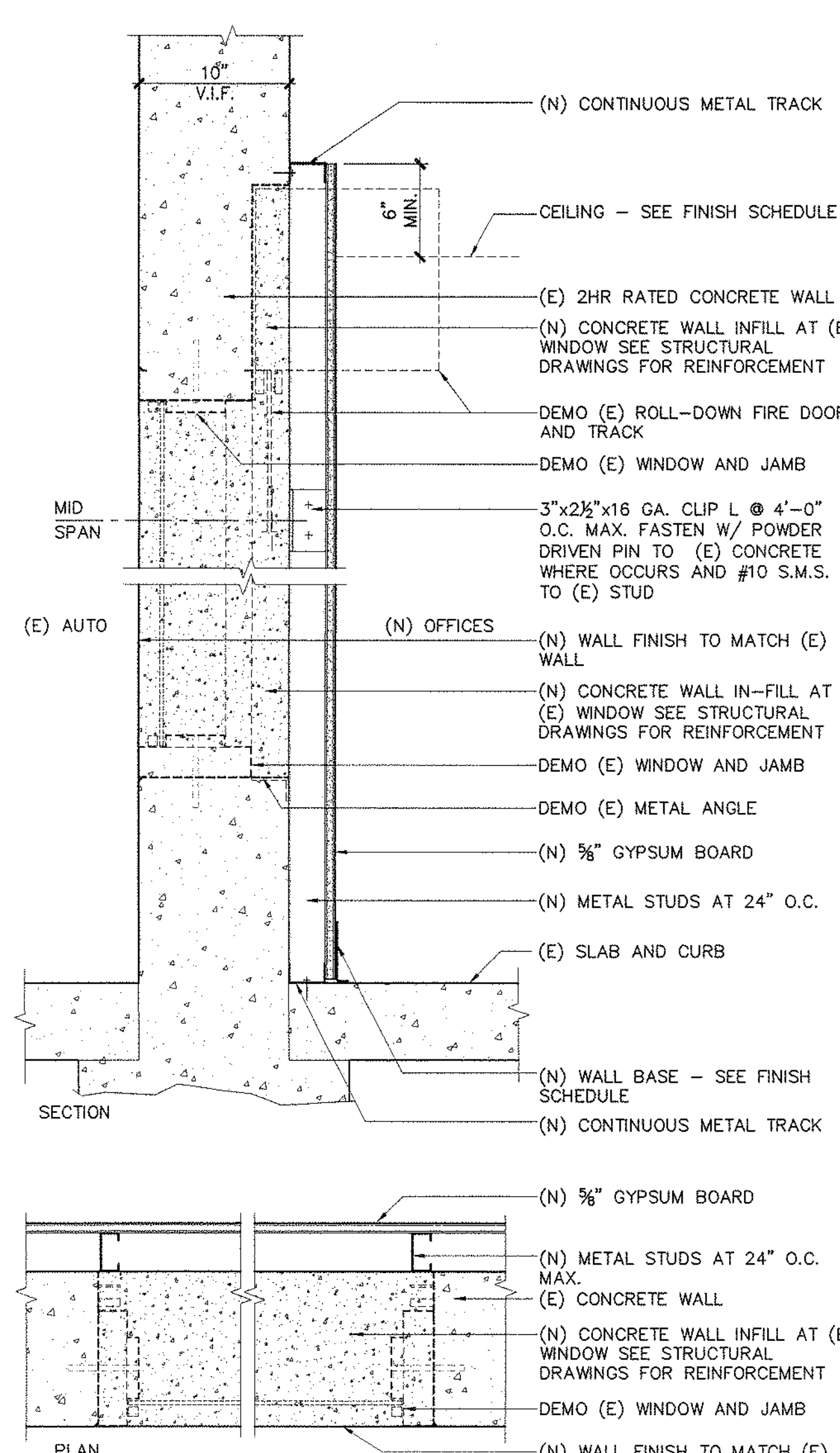
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WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
BT-N	3 5/8"	20 GA.	50-54	1 HOUR	U419	GA FILE NO. WP-1052
BT-E	EXISTING	-	50-54	-	-	GA FILE NO. WP-1052

(N) FULL HT WALL AT (E) MEZZANINE
1-1/2" = 1'-0"

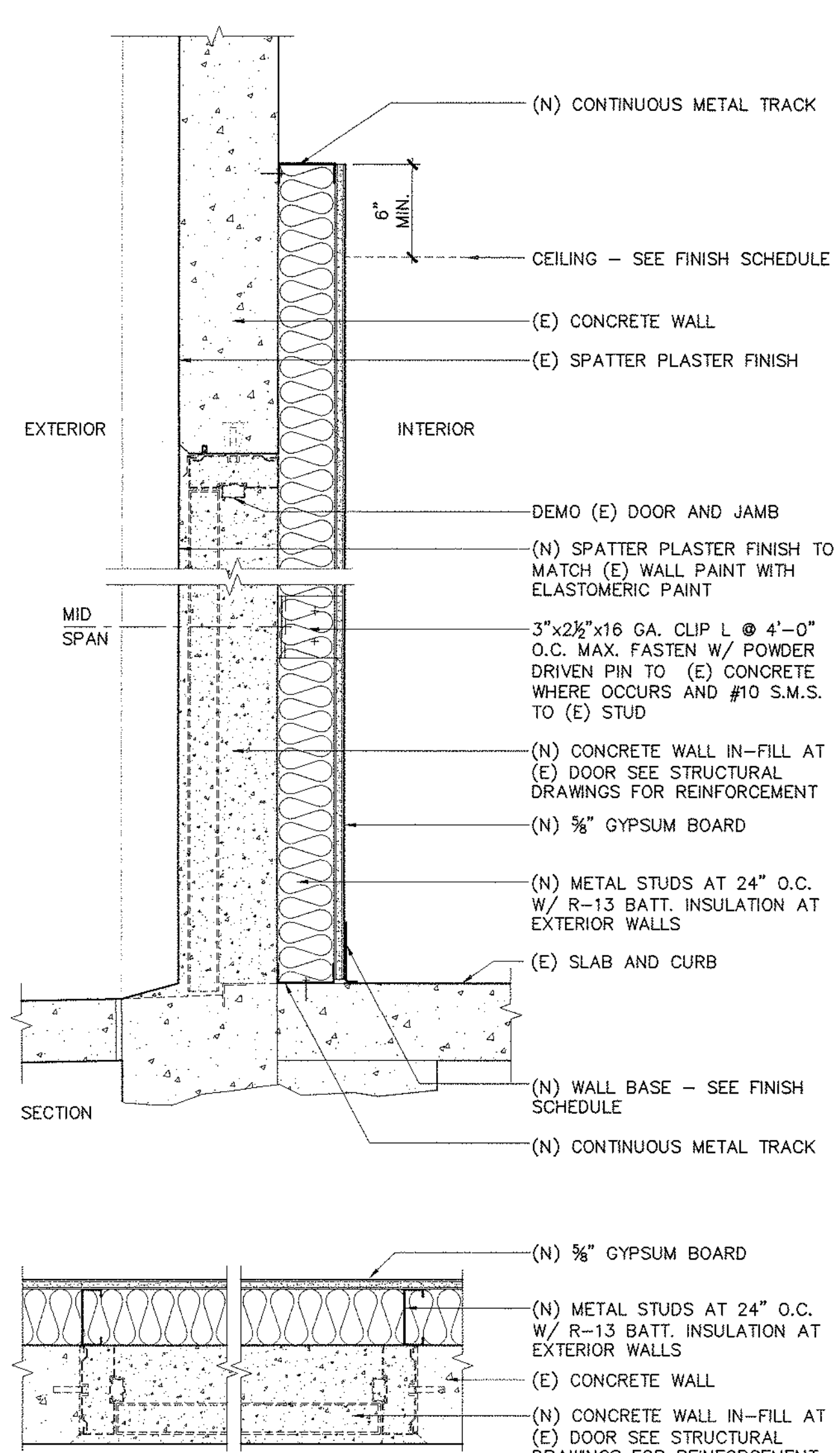
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WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
J2-E	2 1/2"	20 GA.	NONE	NONE	NONE	

(N) 2HR RATED CONCRETE INFILL WALL
W/ (N) FURR OUT WALL ATTACHED
1-1/2" = 1'-0"

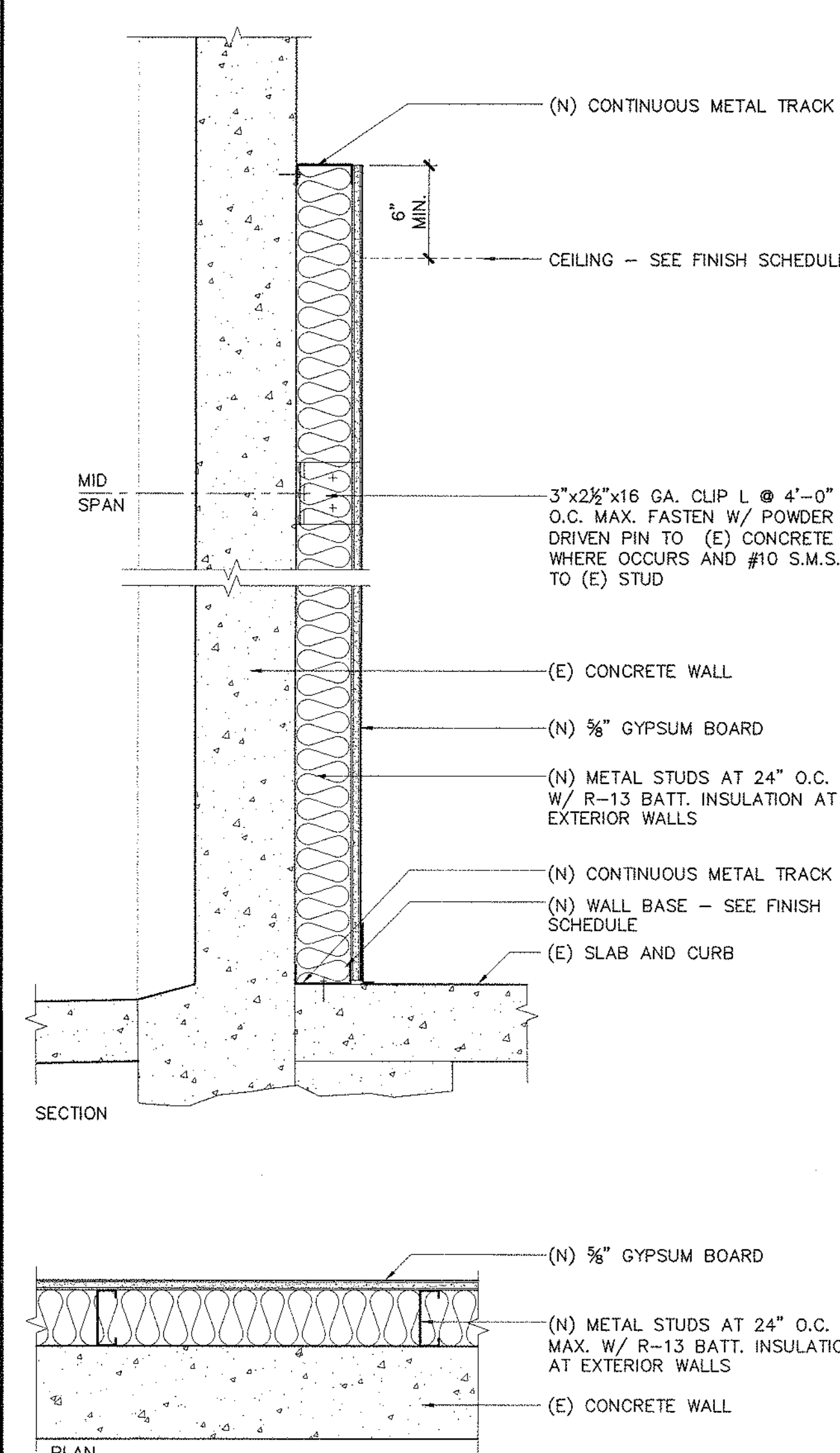
J



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
GO-E	3 5/8"	20 GA.	NONE	NONE	NONE	

(N) CONCRETE INFILL WALL WITH
(N) FURR OUT WALL ATTACHED
1-1/2" = 1'-0"

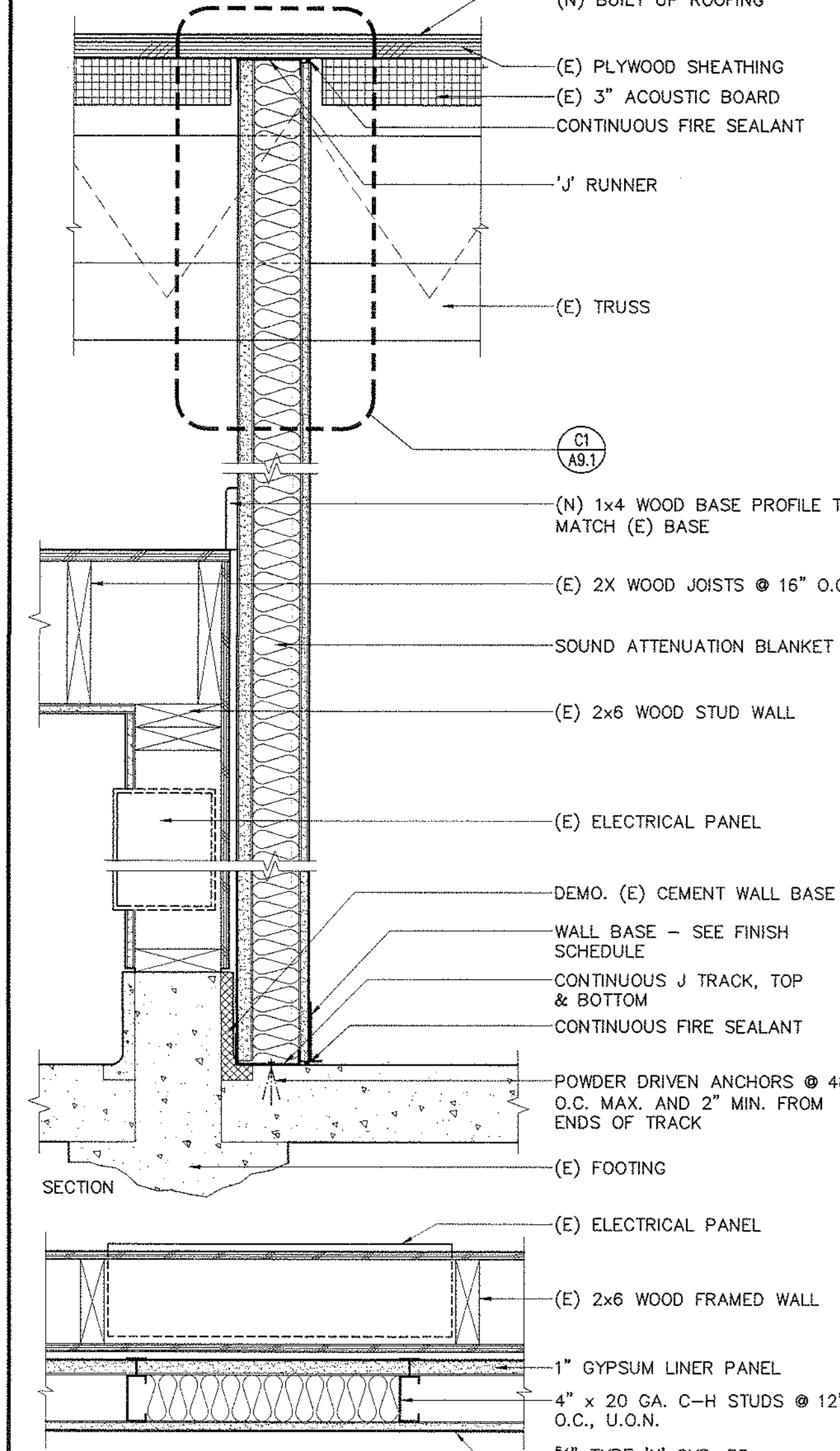
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WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
EO-E	3 5/8"	20 GA.	NONE	NONE	NONE	

(E) CONCRETE WALL WITH
(N) FURR OUT WALL ATTACHED
1-1/2" = 1'-0"

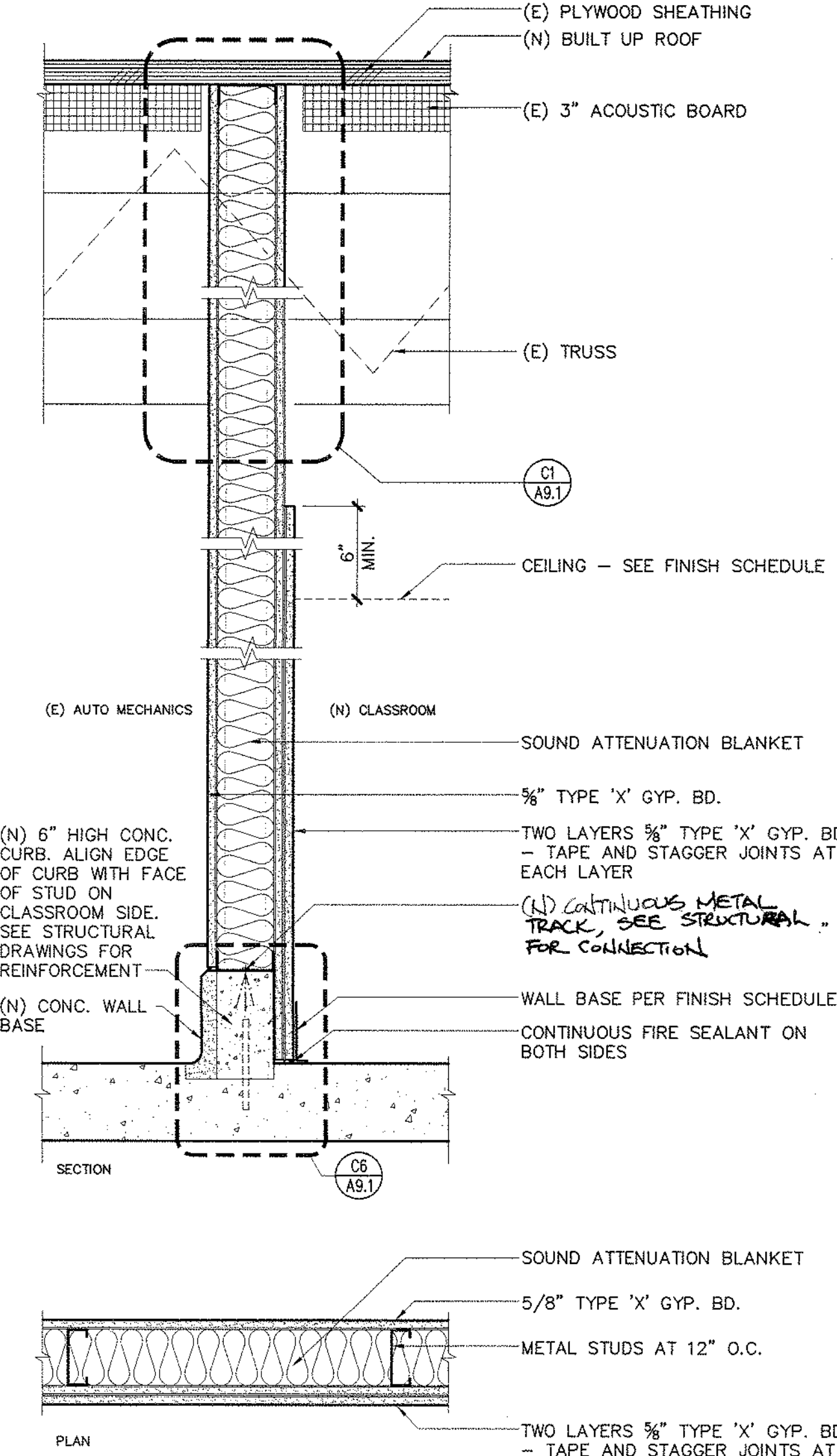
E



WALL TYPE	STUD SIZE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
C1-N	4005192	45-49	1 HOUR	U415	GA FILE NO. WP-6800
GLASS FR. STEEL					

(N) FULL HT METAL STUD SHAFT WALL
AT (E) WOOD FRAMED WALL
1-1/2" = 1'-0"

C

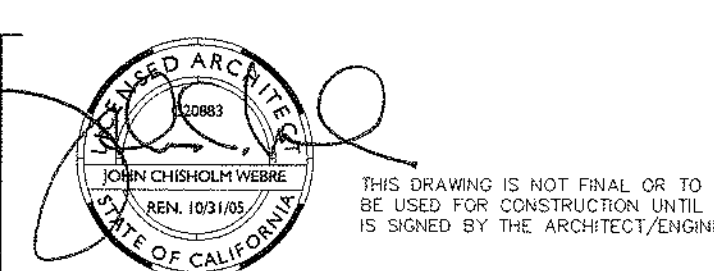


WALL TYPE	STUD SIZE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
A1-N	3625162	50-54	1 HOUR	U419	GA FILE NO. WP-1052
GLASS FR. STEEL					

(N) FULL HT METAL STUD WALL
(PERPENDICULAR TO TRUSS)
1-1/2" = 1'-0"

A

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610 (A/R#)
AT 10/15/2004
DATE 12/9/2004



REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

WALL TYPES

A4745.01

AS NOTED

09 DECEMBER 2004

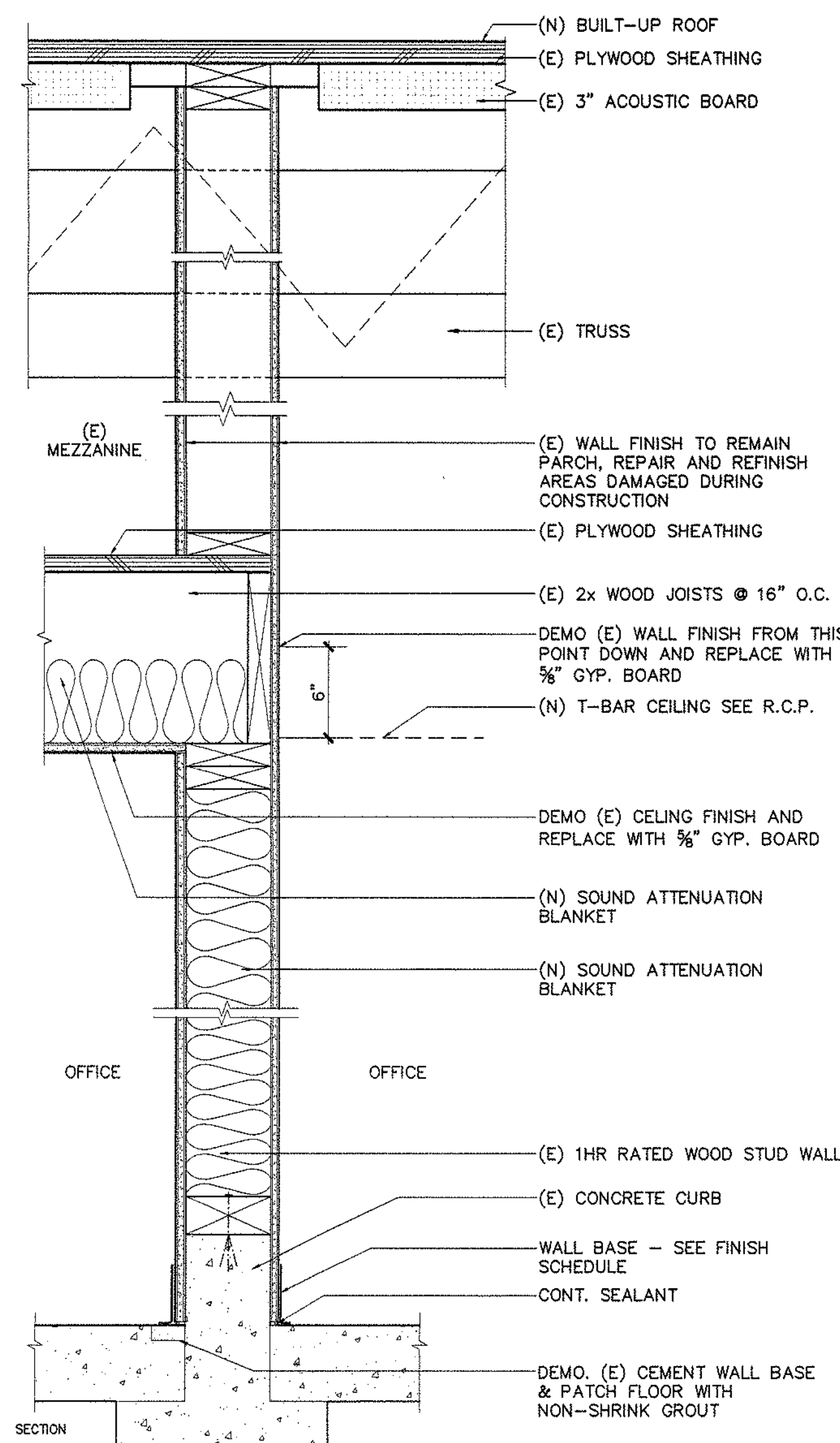
A0.3

WALL TYPE SYMBOL

B2-N
PARTITION FRAMING (NEW OR EXISTING)
ASSEMBLY RATING IN HOURS
WALL TYPE

NOTE:
SEE SHEETS A0.3 - A0.5 FOR WALL TYPES.

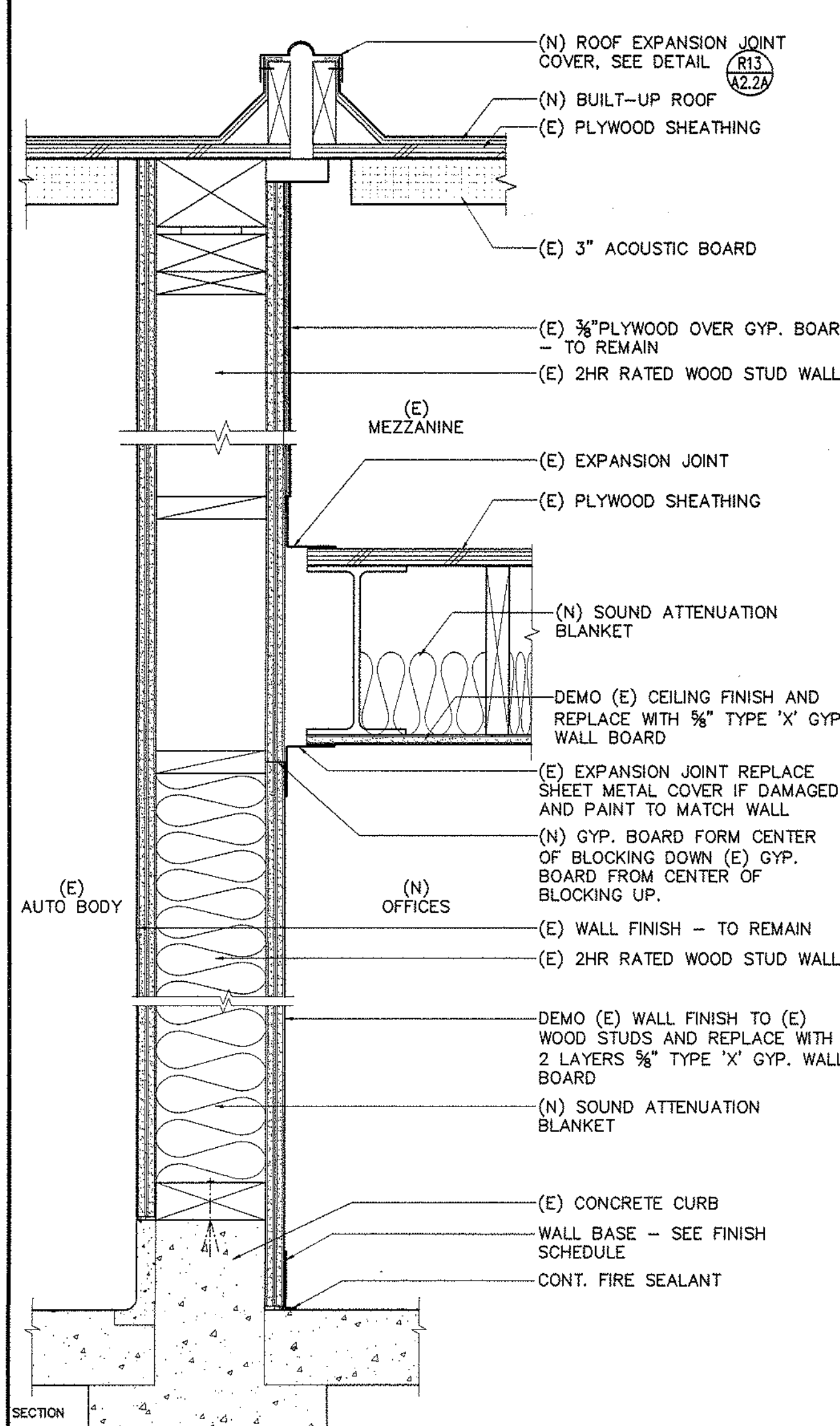
ASSEMBLY FIRE RATING
MUST MEET REQUIREMENTS FOR UL ASSEMBLY
LISTED IN WALL TYPES, SEE A0.3 - A0.5



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
T1-E	EXISTING	-	40-44	NONE	NONE	G.A. FILE NO. 3510

(B) WOOD STUD WALL W/ (N) FINISH AND INSULATION
1-1/2" = 1'-0"

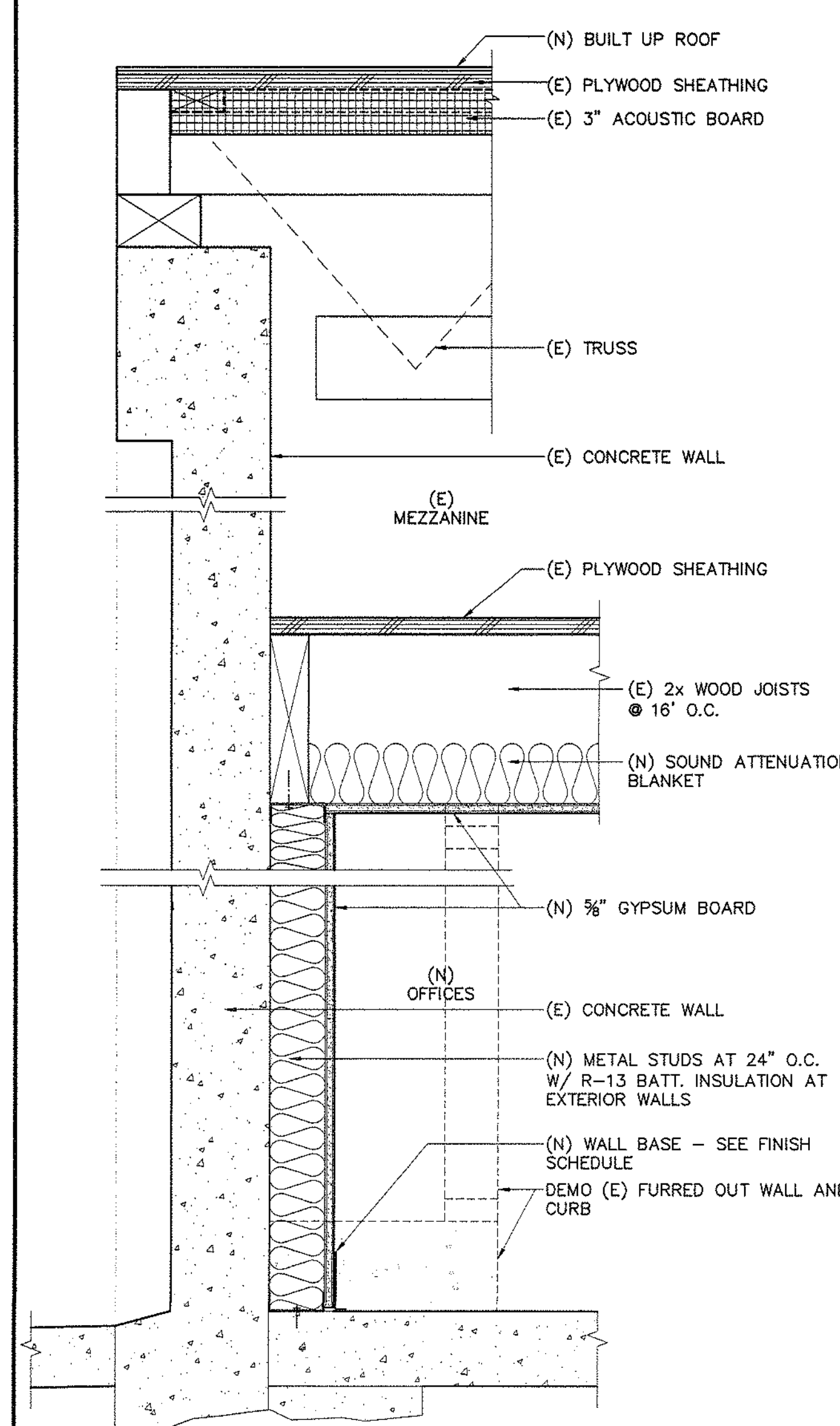
T



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
R2-E	EXISTING	-	40-44	2 HOUR	U301	G.A. FILE NO. WP-4135

(B) 2HR RATED WOOD STUD WALL W/ NEW FINISH AND INSULATION
1-1/2" = 1'-0"

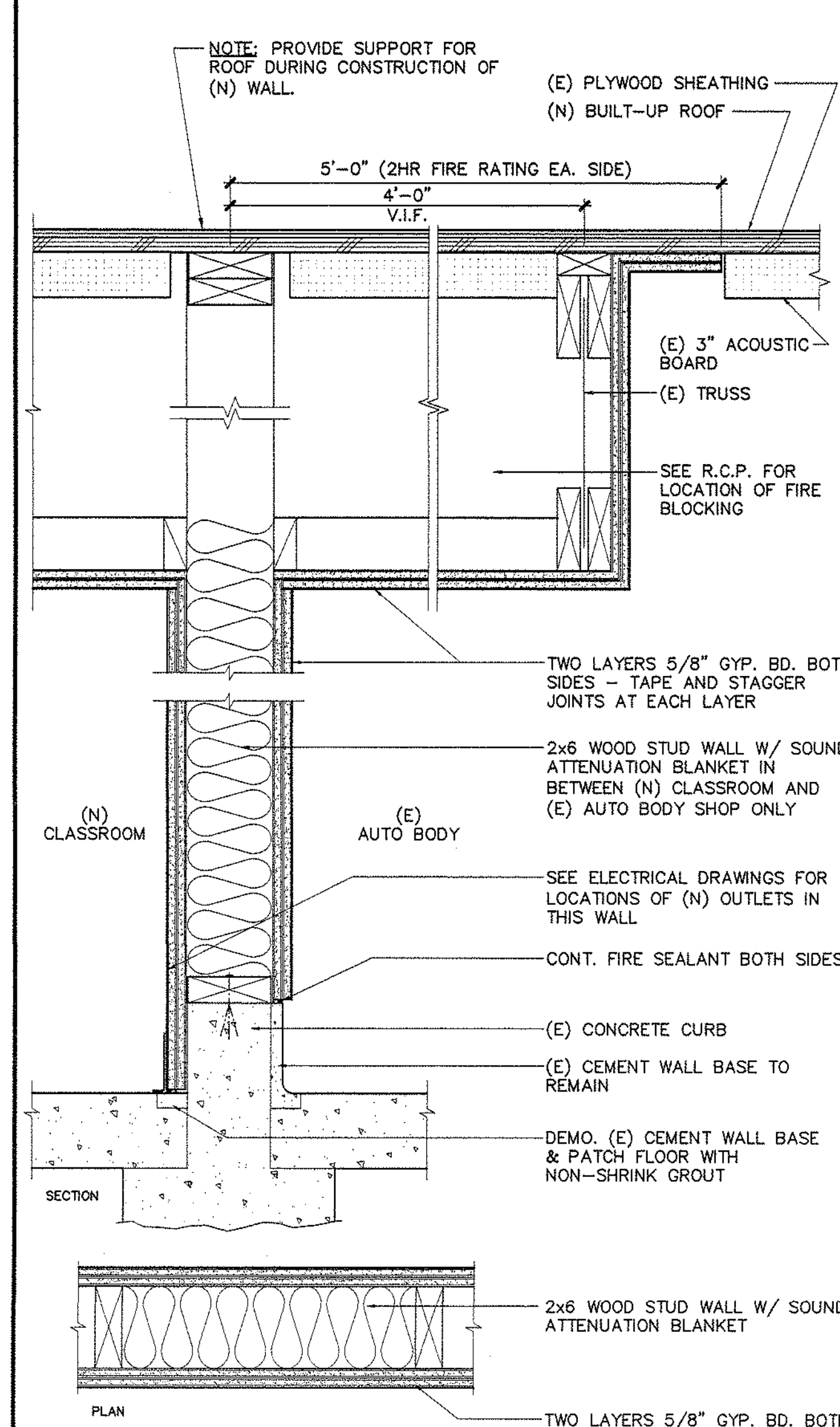
R



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
P2-E	EXISTING	-	40-44	2 HOUR	U301	G.A. FILE NO. WP-4135

(B) CONCRETE WALL WITH (N) FINISH AND INSULATION
1-1/2" = 1'-0"

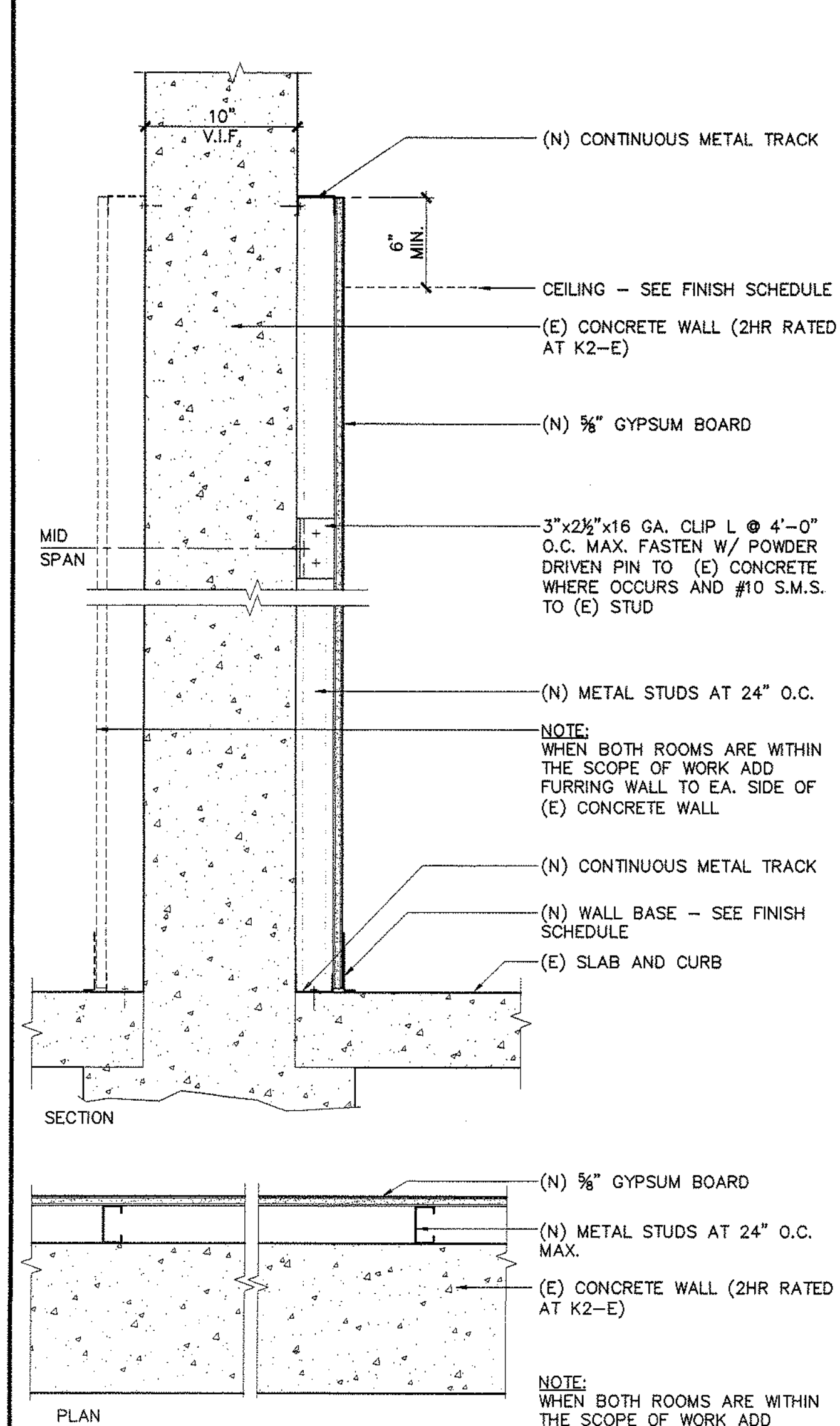
P



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
M2-N	EXISTING	-	40-44	2 HOUR	U301	G.A. FILE NO. WP-4135

2HR RATED WOOD STUD WALL (FULL HEIGHT)
1-1/2" = 1'-0"

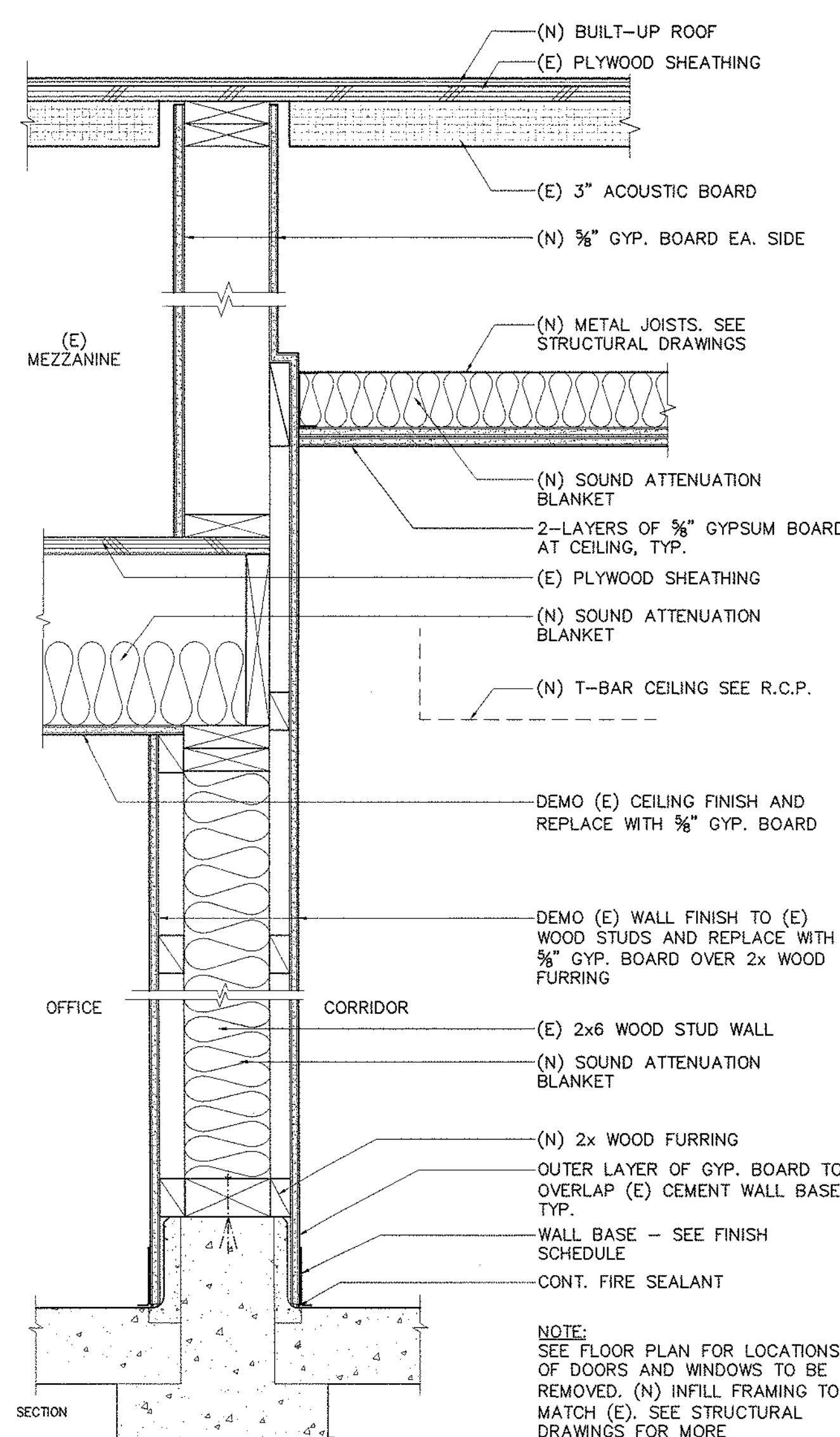
M



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
K2-E	EXISTING	-	40-44	2 HOUR	U301	G.A. FILE NO. WP-4135

(N) CONCRETE INFILL WALL WITH (N) FINISH AND INSULATION
1-1/2" = 1'-0"

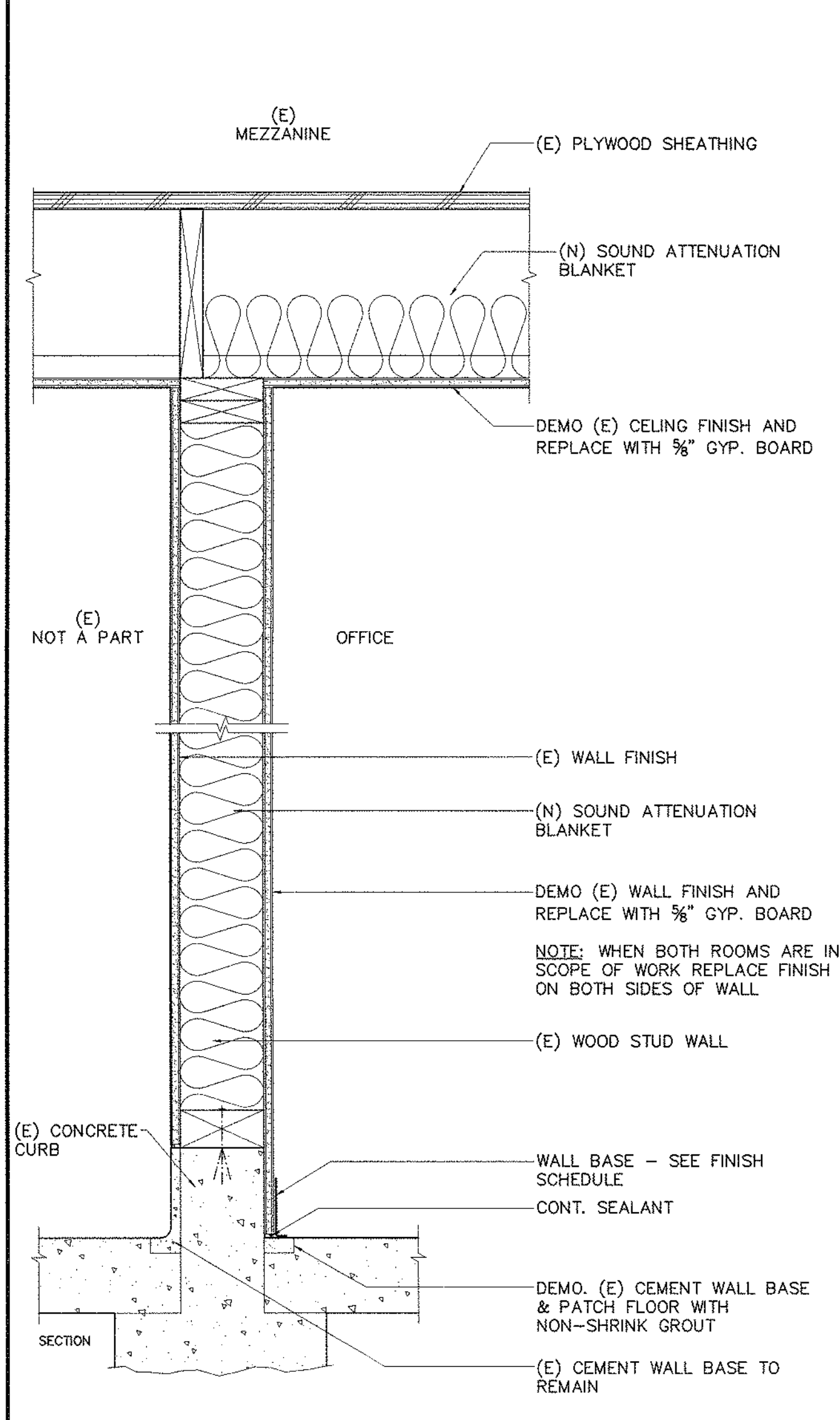
K



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
U0-E	EXISTING	-	40-44	NONE	NONE	G.A. FILE NO. 3510

(B) WOOD STUD WALL WITH (N) GYP. BOARD FINISH EA. SIDE
1-1/2" = 1'-0"

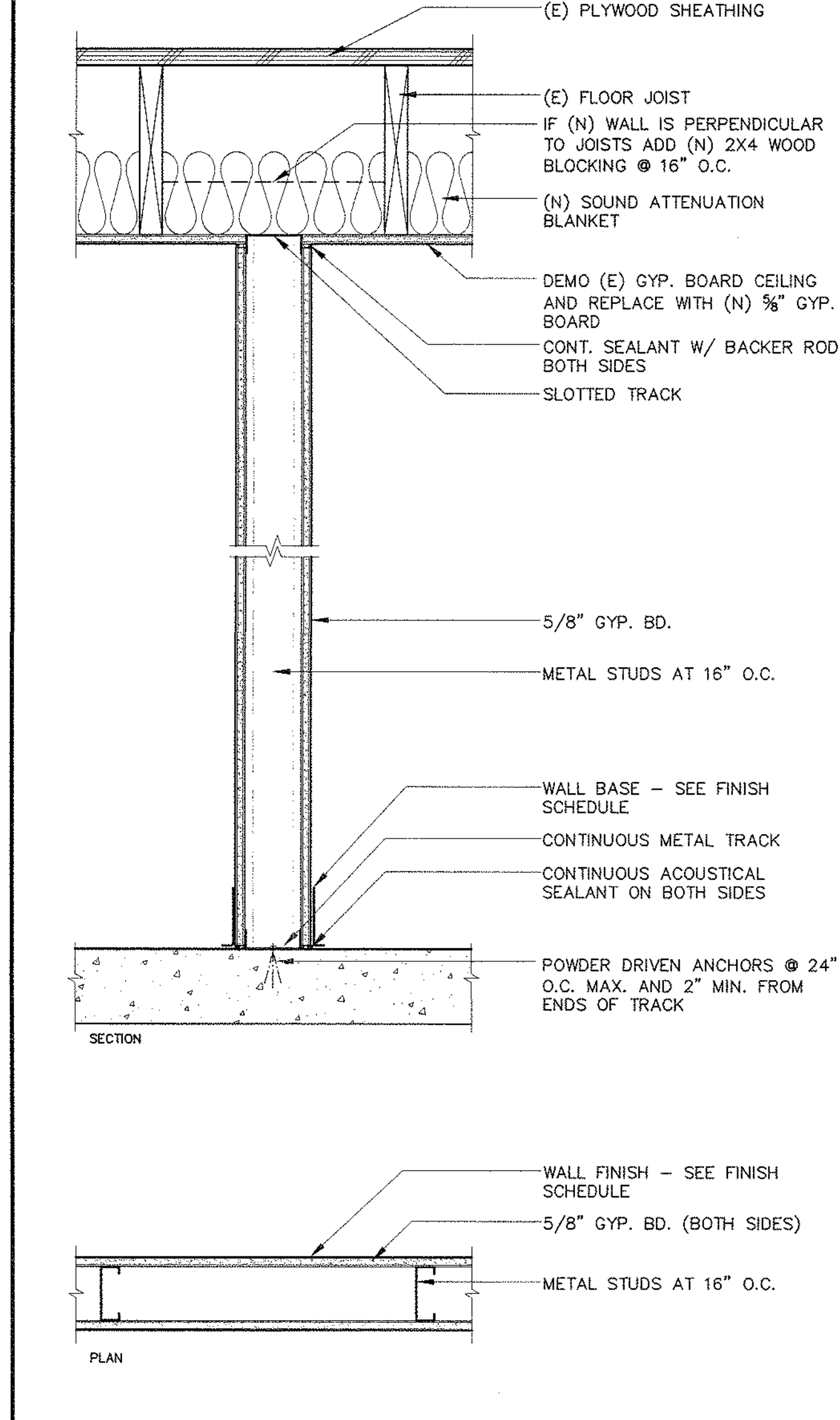
U



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
S0-E	EXISTING	-	40-44	NONE	NONE	G.A. FILE NO. 3510

(B) WOOD FRAMED WALL WITH (N) FINISH AND INSULATION
1-1/2" = 1'-0"

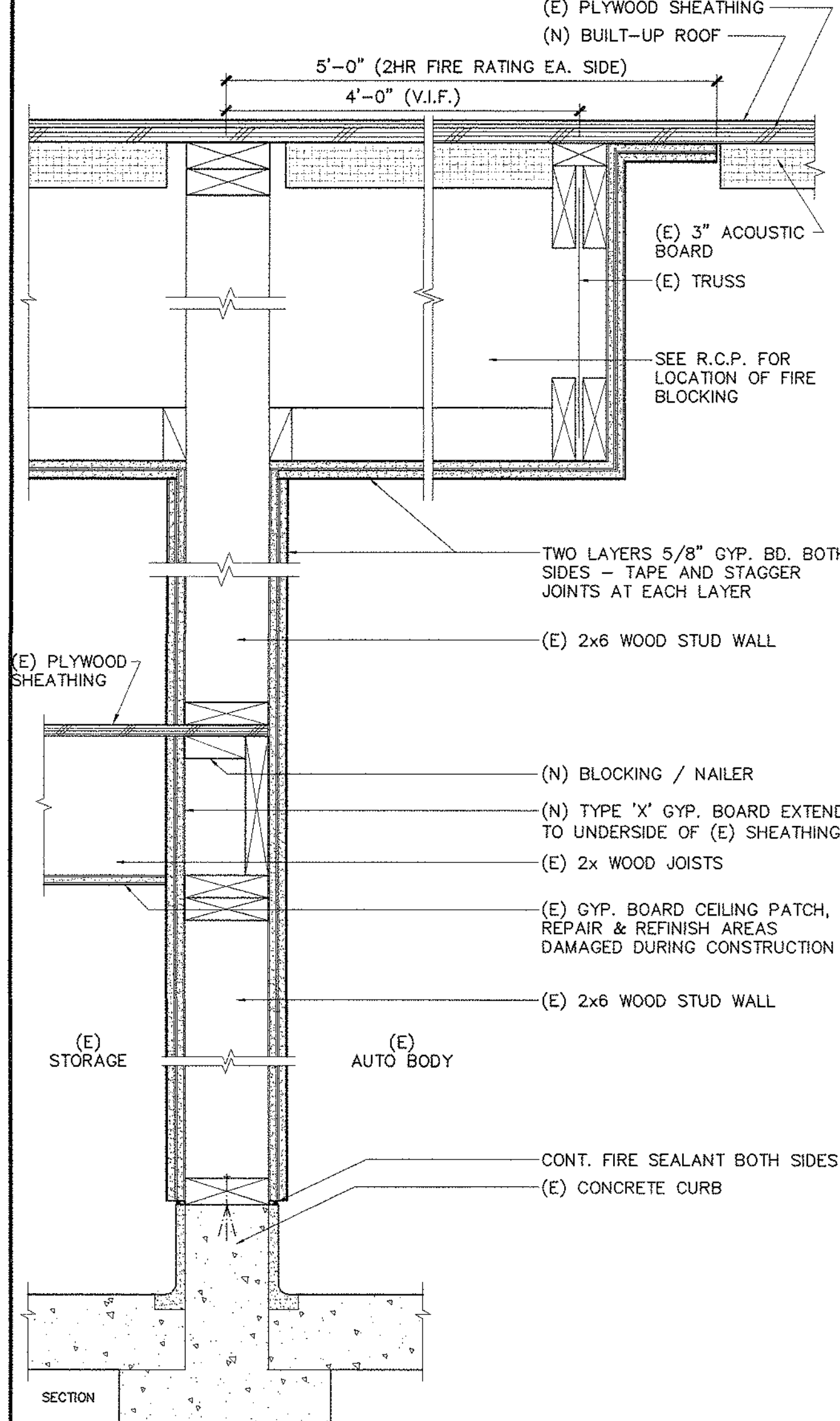
S



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
Q0-N	EXISTING	-	40-44	NONE	NONE	G.A. FILE NO. WP-1200

(N) METAL STUD WALL
1-1/2" = 1'-0"

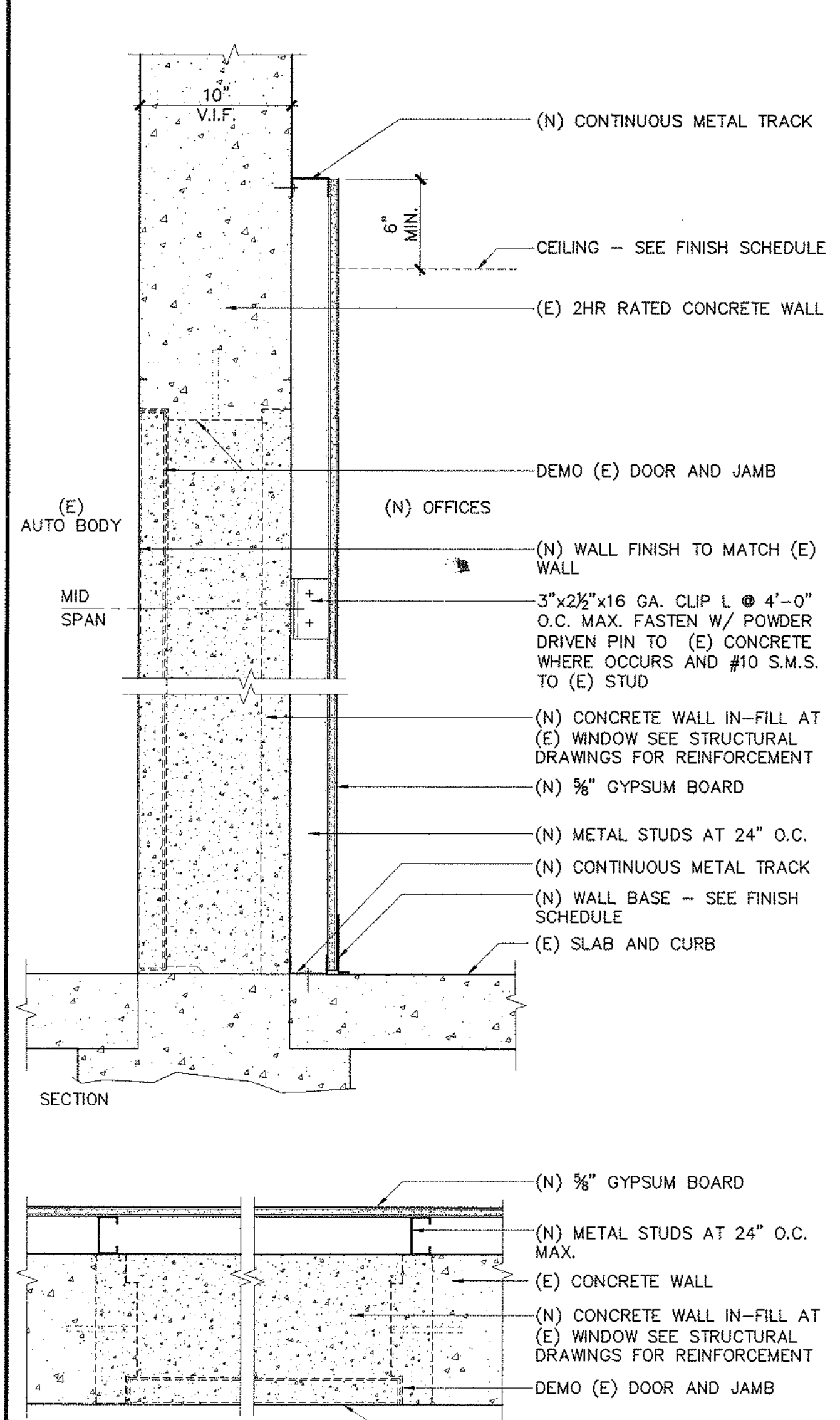
Q



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
N2-E	EXISTING	-	40-44	2 HOUR	U301	G.A. FILE NO. WP-4135

(B) WOOD FRAMED WALL CONVERTED INTO 2HR AREA SEPARATION WALL
1-1/2" = 1'-0"

N

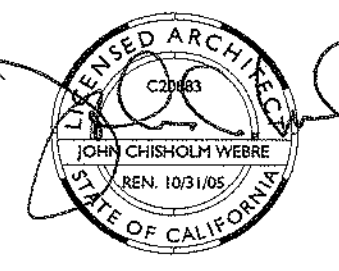


WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
L2-E	EXISTING	-	40-44	2 HOUR	NONE	

(N) CONCRETE INFILL WALL WITH (N) FINISH AND INSULATION
1-1/2" = 1'-0"

L

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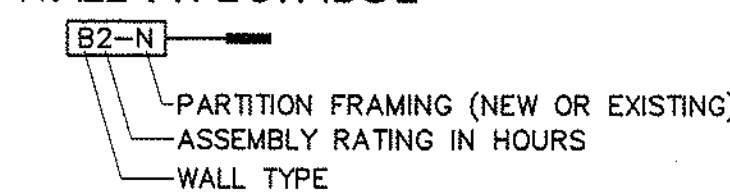
SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

WALL TYPES

A4745.01
AS NOTED
09 DECEMBER 2004

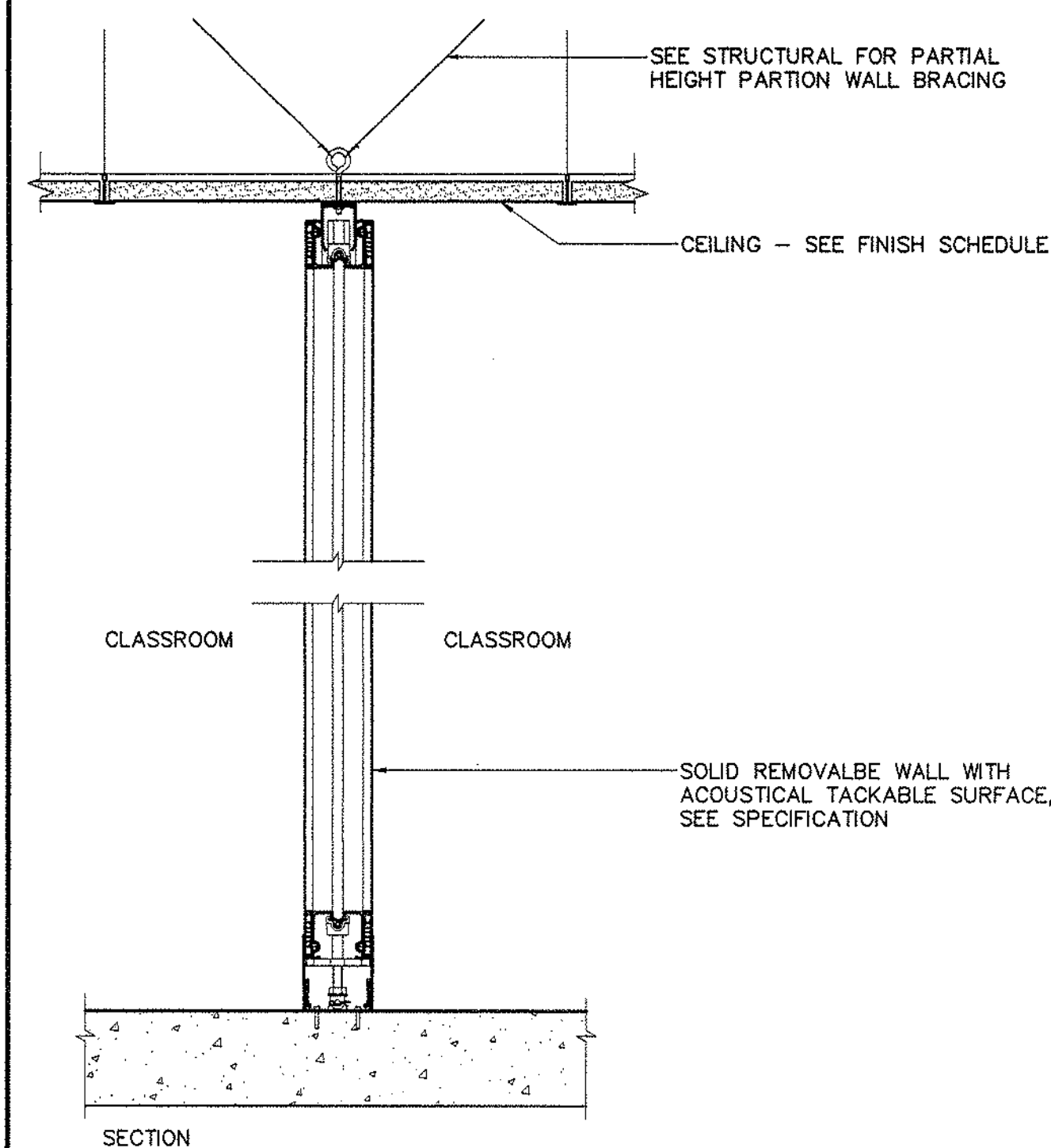
A0.4

WALL TYPE SYMBOL



NOTE:
SEE SHEETS A0.3 - A0.5 FOR WALL TYPES.

ASSEMBLY FIRE RATING
MUST MEET REQUIREMENTS FOR UL ASSEMBLY
LISTED IN WALL TYPES, SEE A0.3 - A0.5

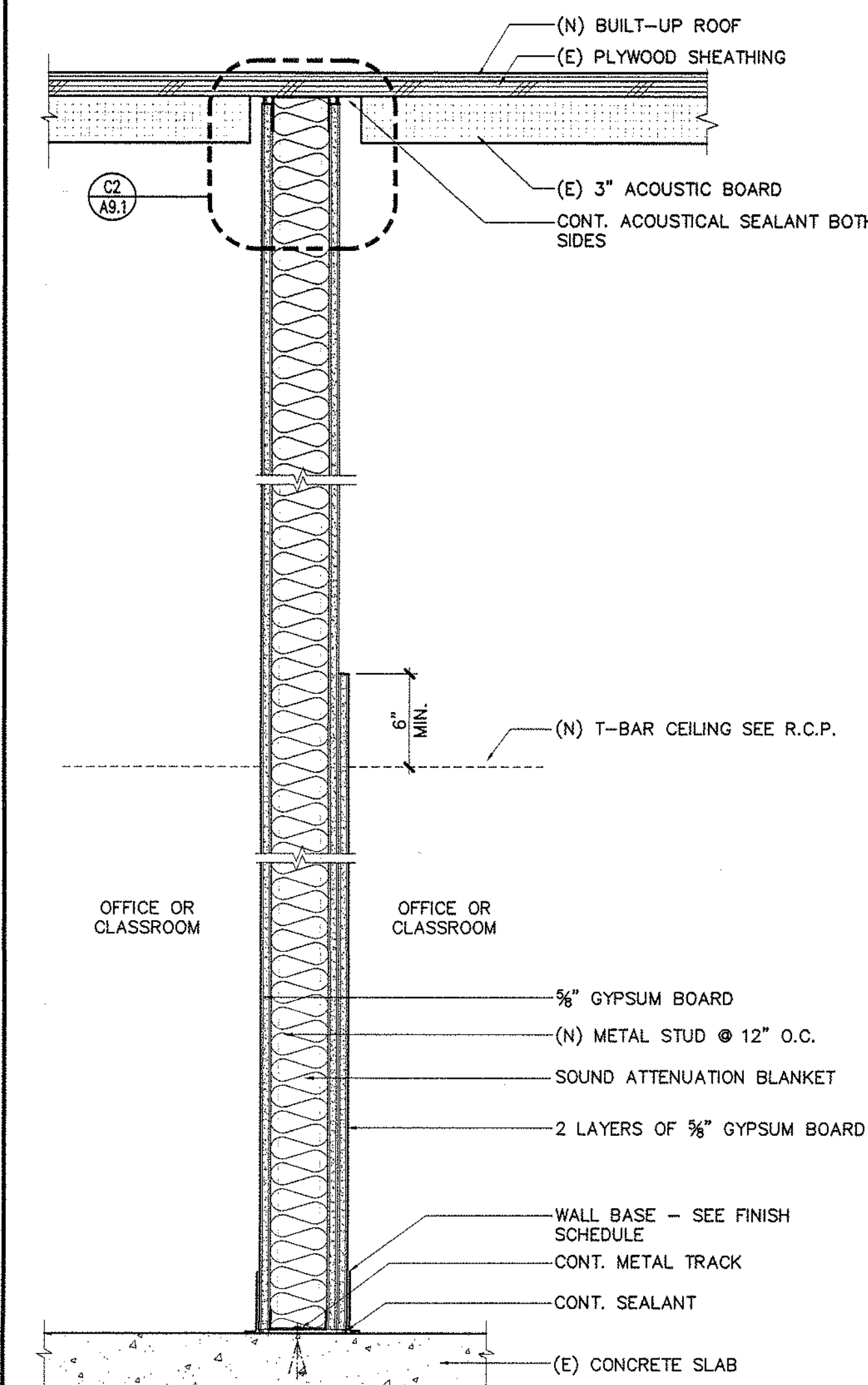


NOTE:
SEE MANUF. WRITTEN
RECOMMENDATIONS FOR
INSTALLATION

WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
Z0-N	-	-	NONE	NONE	NONE	MAXIMUM HEIGHT ALLOWED = 11'-3"

(N) DEMOUNTABLE PARTITION WALL
(NON RATED)
1-1/2" = 1'-0"

A0.3

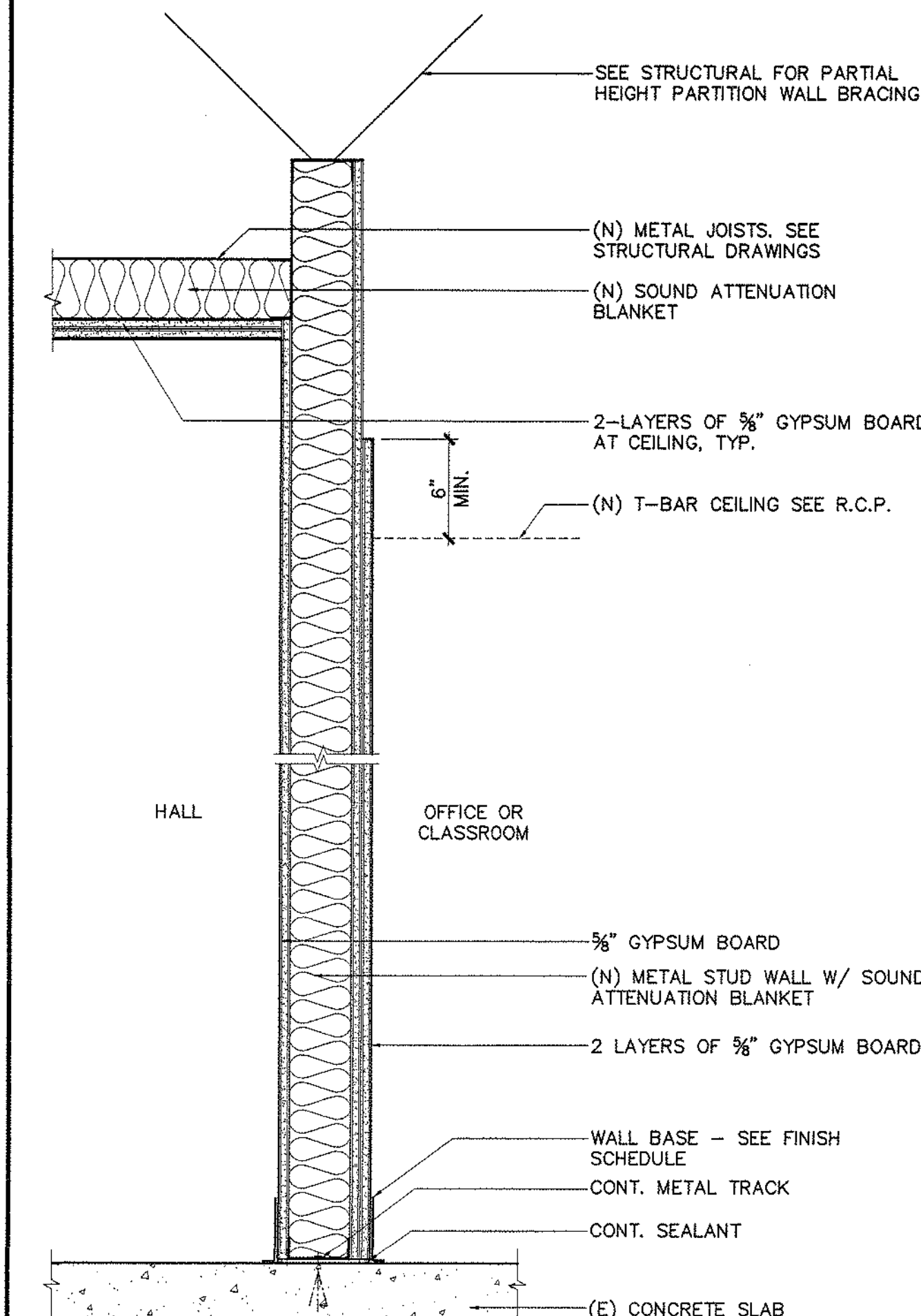


NOTE:
WHERE (N) TUBE STEEL COLUMNS
ARE LOCATED USE 6" X 20
GA. METAL STUDS.

WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
X0-N	3625162	20 GA.	50-54	NONE	NONE	G.A. FILE NO. 1052

(N) METAL STUD WALL
FULL HEIGHT
1-1/2" = 1'-0"

A0.3

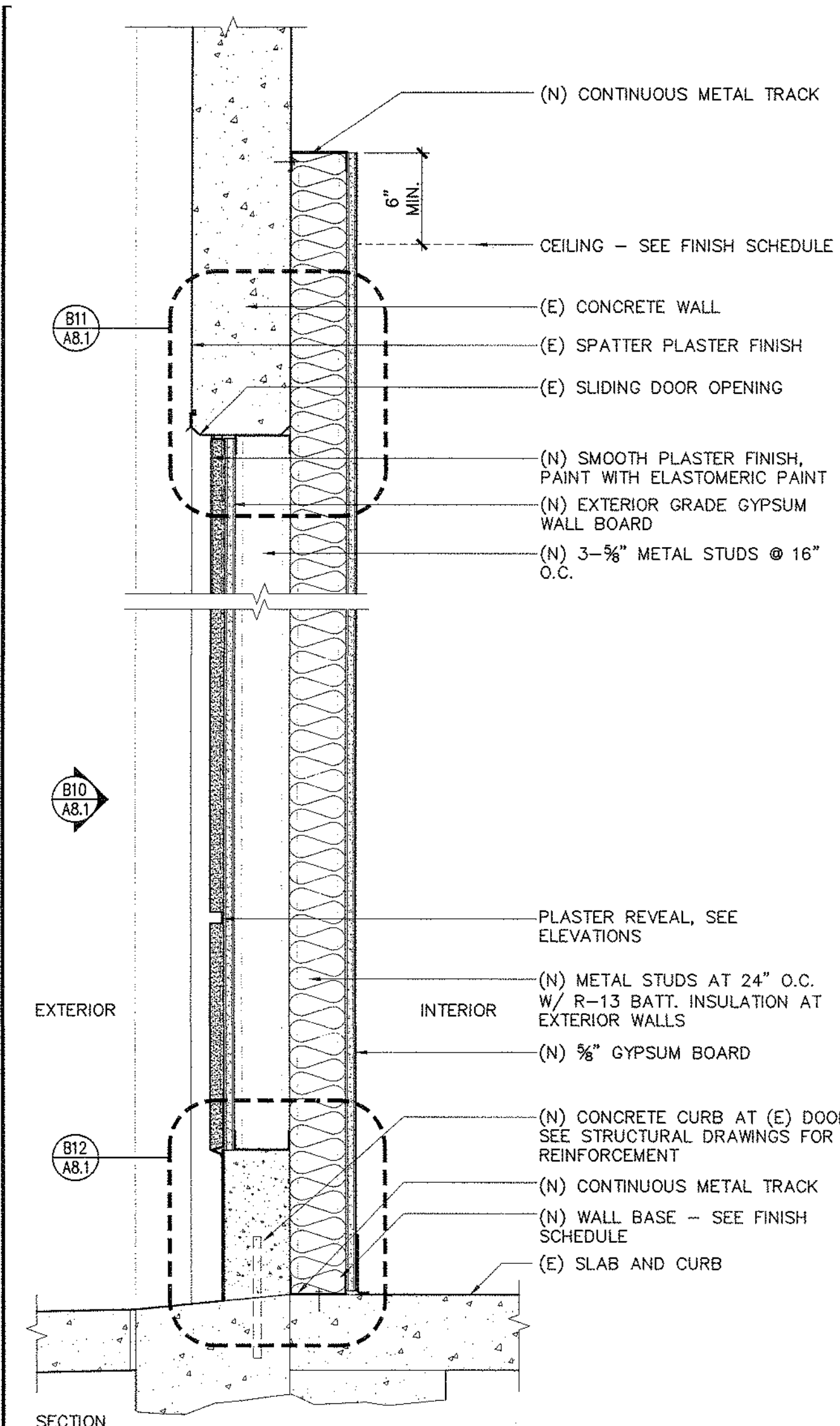


NOTE:
IN WALLS WHERE (N) TUBE STEEL
COLUMNS ARE LOCATED USE 6" X
20 GA. METAL STUDS.

WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
V0-N	3-5/8"	20 GA.	50-54	NONE	NONE	G.A. FILE NO. 1052

(N) METAL STUD BRACED WALL
AT CORRIDOR
1-1/2" = 1'-0"

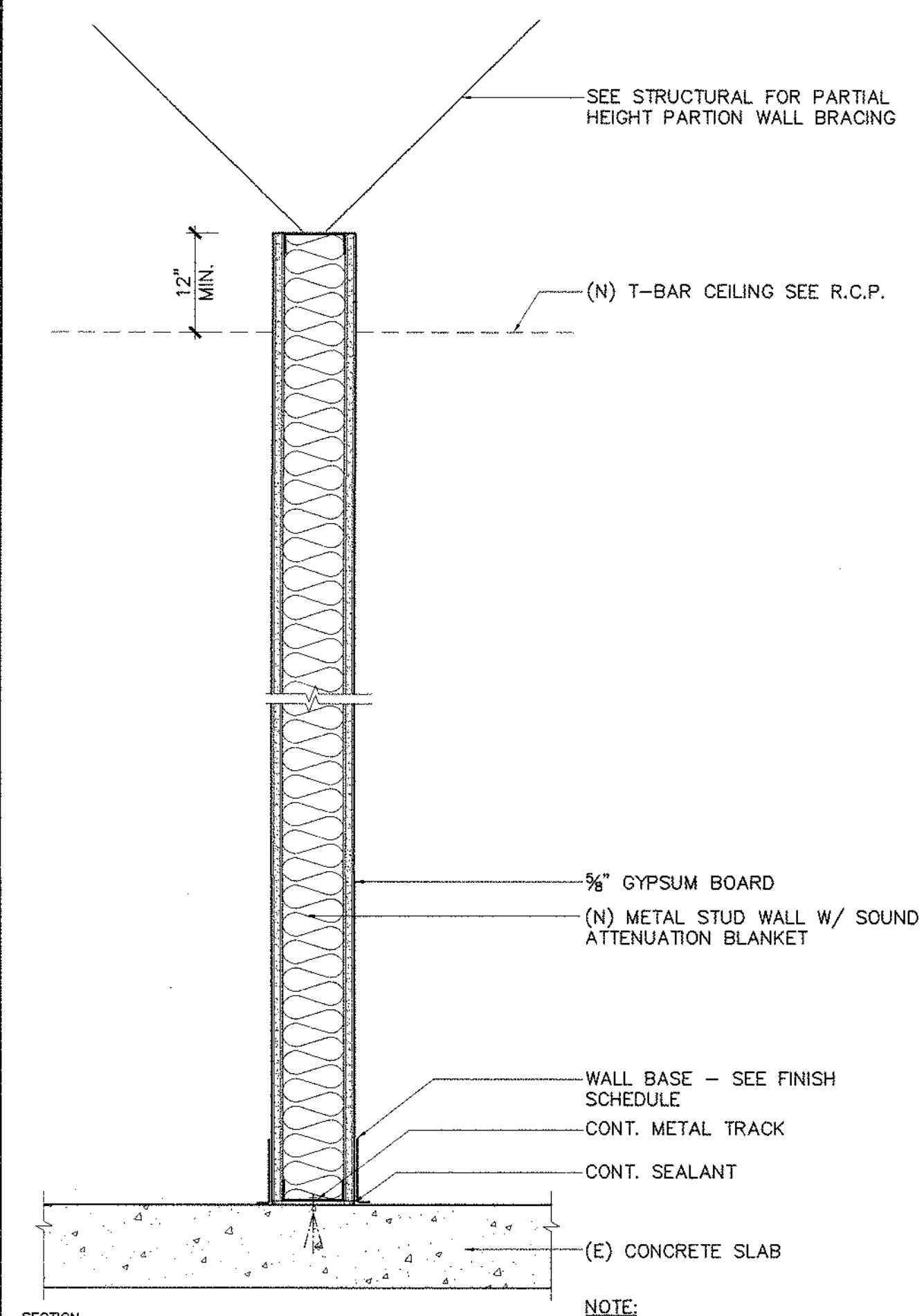
A0.4



WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
ZZ0-N	3 5/8"	20 GA.	NONE	NONE	NONE	

(N) METAL STUD INFILL WITH
(N) FURR OUT WALL ATTACHED
1-1/2" = 1'-0"

A0.3

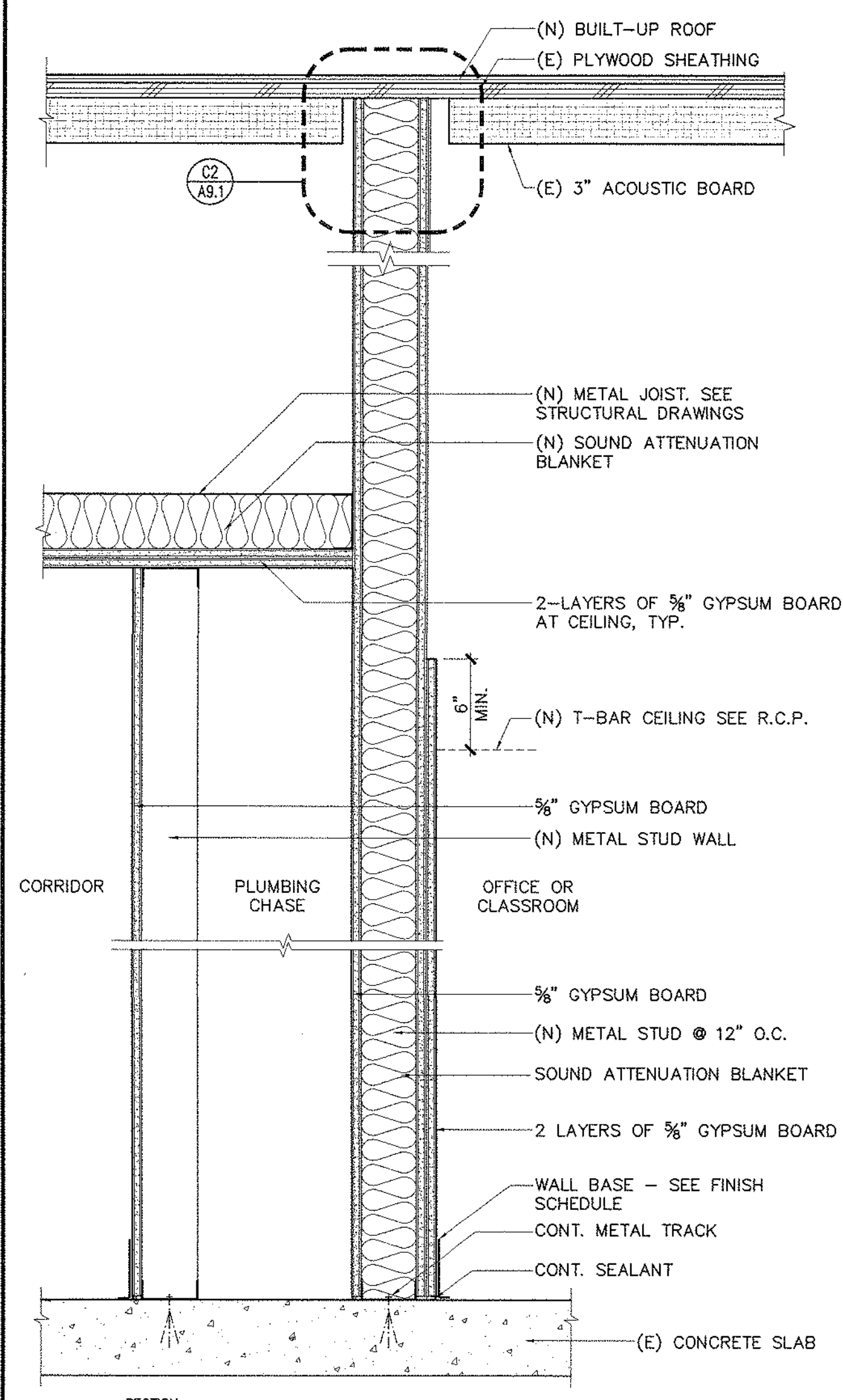


NOTE:
WHERE TUBE STEEL COLUMNS ARE
WITHIN WALL USE 6" X 20 GA.
METAL STUDS.

WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
Y0-N	3-5/8"	20 GA.	45-49	NONE	NONE	G.A. FILE NO. 1072

(N) BRACED PARTITION WALL
(NON RATED)
1-1/2" = 1'-0"

A0.4

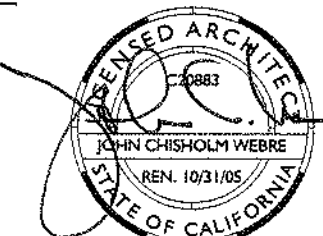


WALL TYPE	STUD SIZE	STUD GAUGE	STC RATING	FIRE RATED	UL ASSEMBLY	REFERENCE NOTES
W0-N	3625162-43	20 GA.	50-54	NONE	NONE	G.A. FILE NO. 1052

(N) METAL STUD WALL WITH PLUMBING
CHASE AT CORRIDOR
1-1/2" = 1'-0"

A0.3

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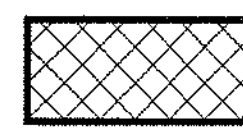
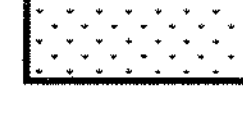
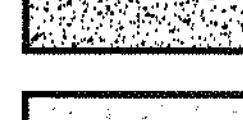
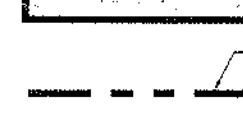
SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

WALL TYPES

A4745.01
AS NOTED
09 DECEMBER 2004

A0.5

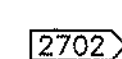
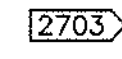
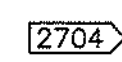
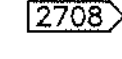
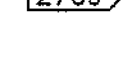
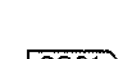
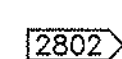
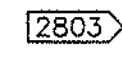
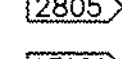
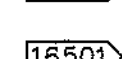
LEGEND

-  BUILDING TO BE WORKED ON
 (E) LANDSCAPE AREA
 (N) CONCRETE PAVING AREA
 (E) CONCRETE PAVING AREA
 LIMITS OF WORK

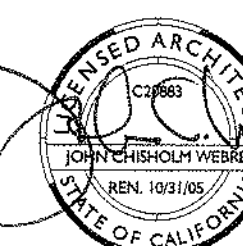
GENERAL NOTES

- SEE CIVIL, ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
- FLATWORK EXPANSION JOINTS (E.J.) AND CONTROL JOINTS (C.J.) SHALL BE LOCATED AS SHOWN ON PLAN U.O.N. SEE DETAIL 

KEYNOTES

-  (E) A.C. BERM
 (E) CONCRETE PAVING FLUSH WITH ADJ. AC. PAVING
 (E) CONCRETE SIDEWALK
 (E) A.C. WALKWAY
 DEMO EXISTING SIDEWALK TO THE NEAREST CONTROL JOINT FOR UNDER GROUND PIPE WORK AND PLACE NEW SIDEWALK TO MATCH (E)
 (E) CHAIN LINK FENCE
 (E) SLIDING GATE
 (E) DOUBLE SWINGING GATE
 (E) ACCESSIBLE PARKING STALLS
 (E) C.B. TO BE REMOVED - SEE CIVIL DRAWINGS
 (N) C.B. - SEE CIVIL DRAWINGS
 (E) STREET LIGHT
 DIRECTIONAL ACCESSIBILITY SIGNAGE, SEE DETAIL 

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FLS *12/9/2004*
SS *12/9/2004*
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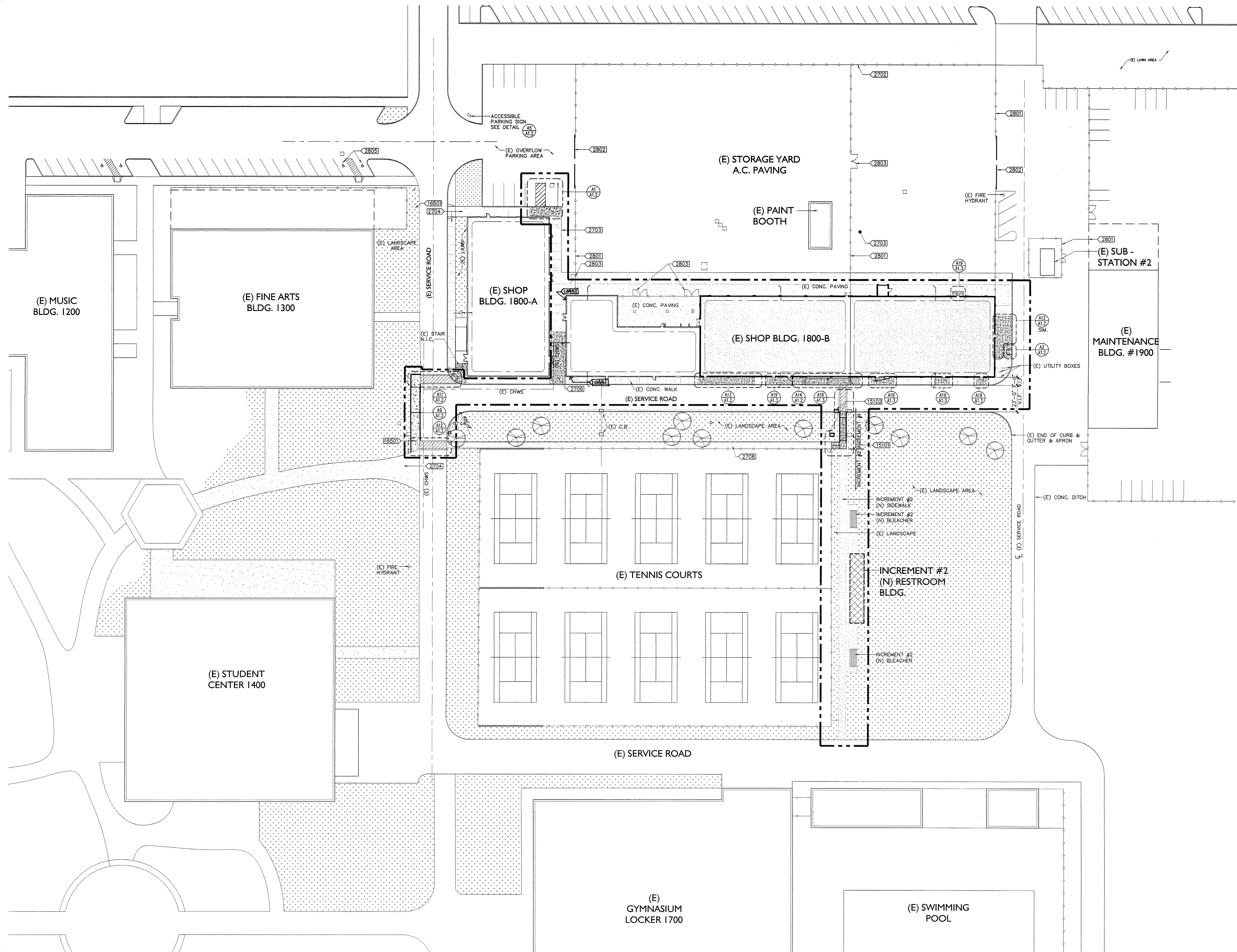
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

SITE PLAN

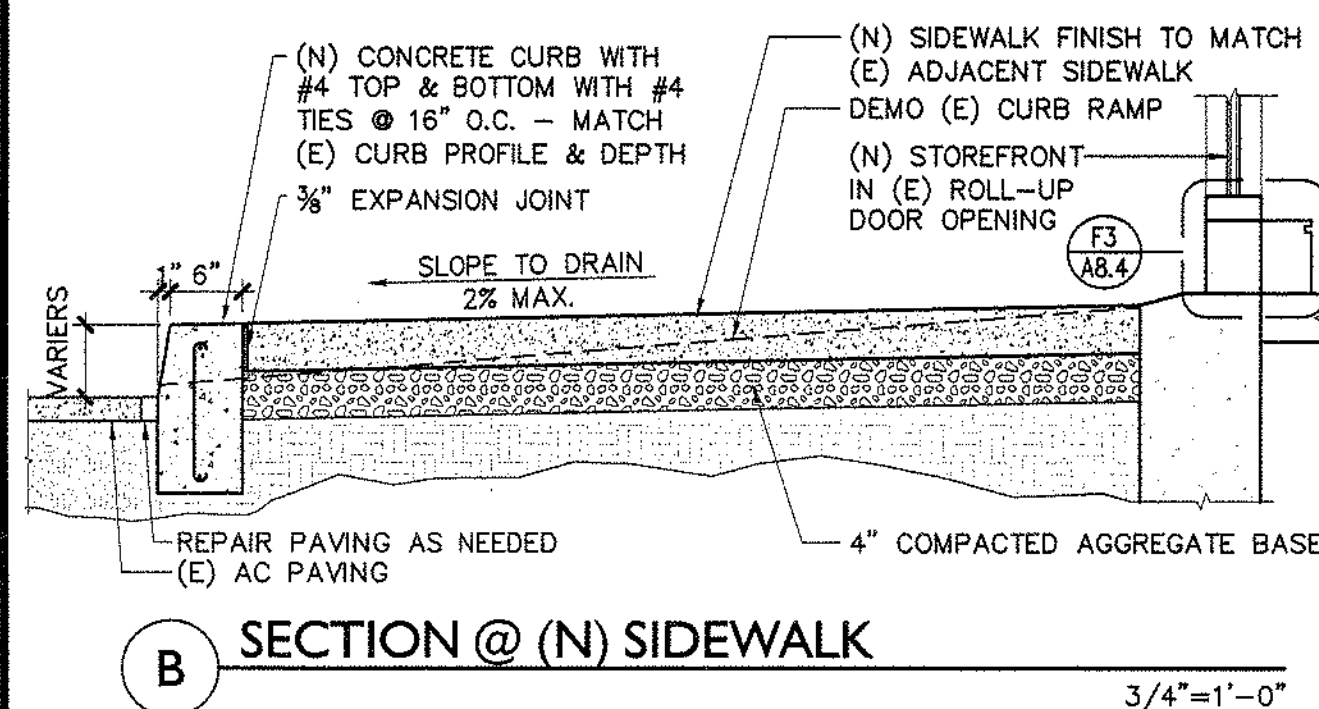
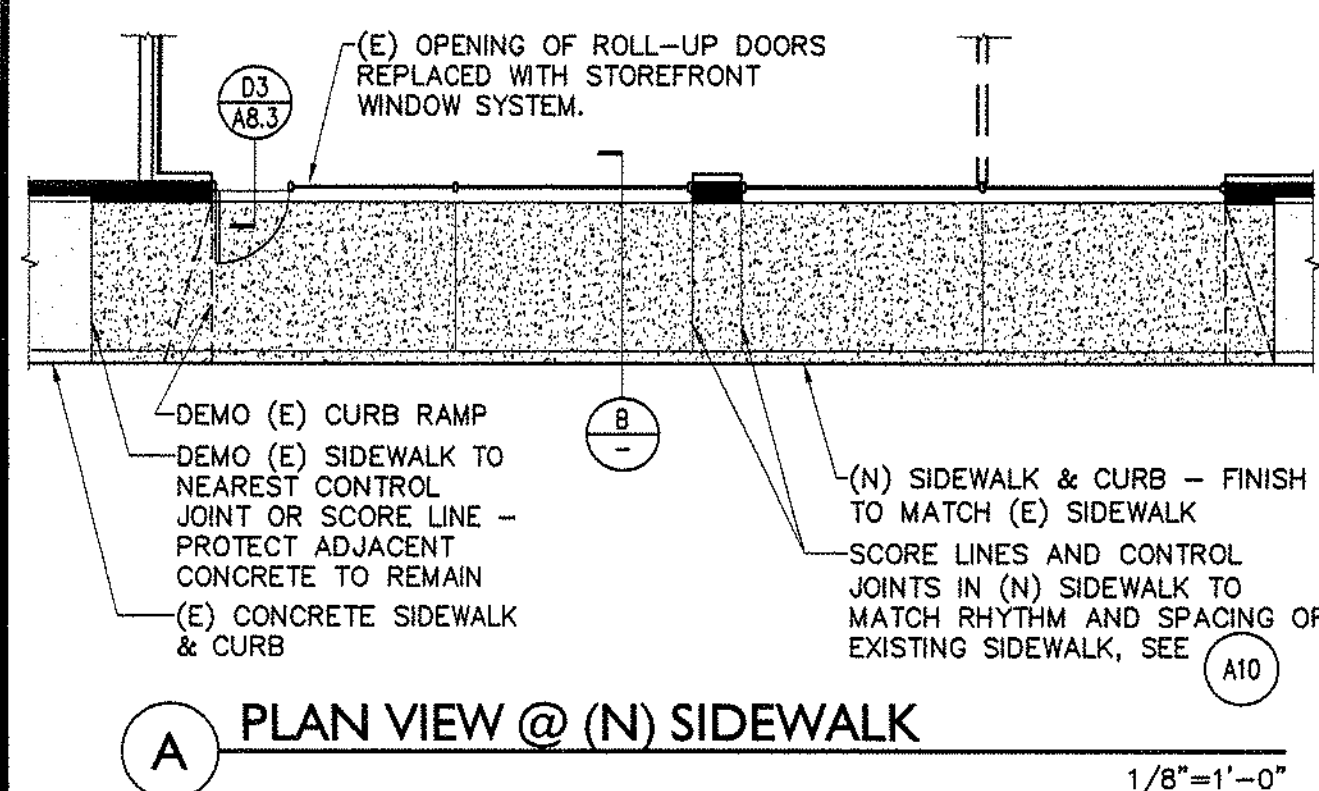
A4745.01
1"=20'-0"
09 DECEMBER 2004

A1.1

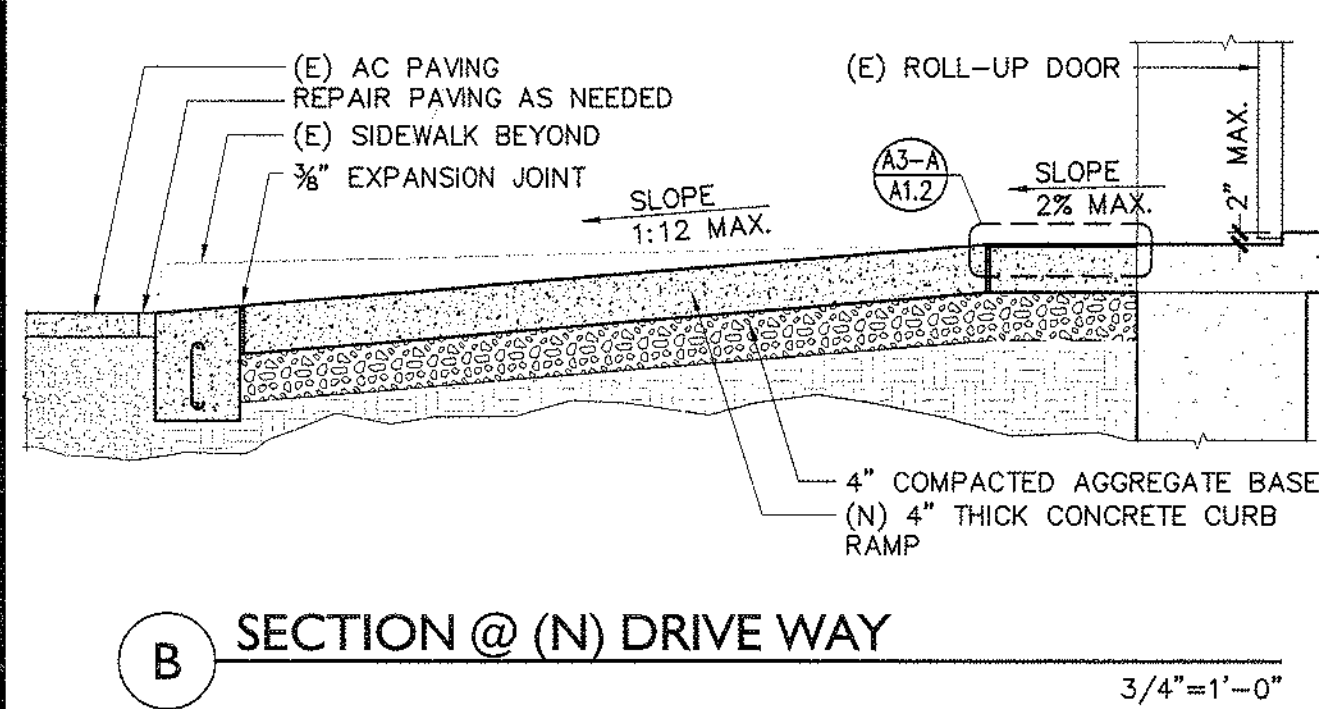
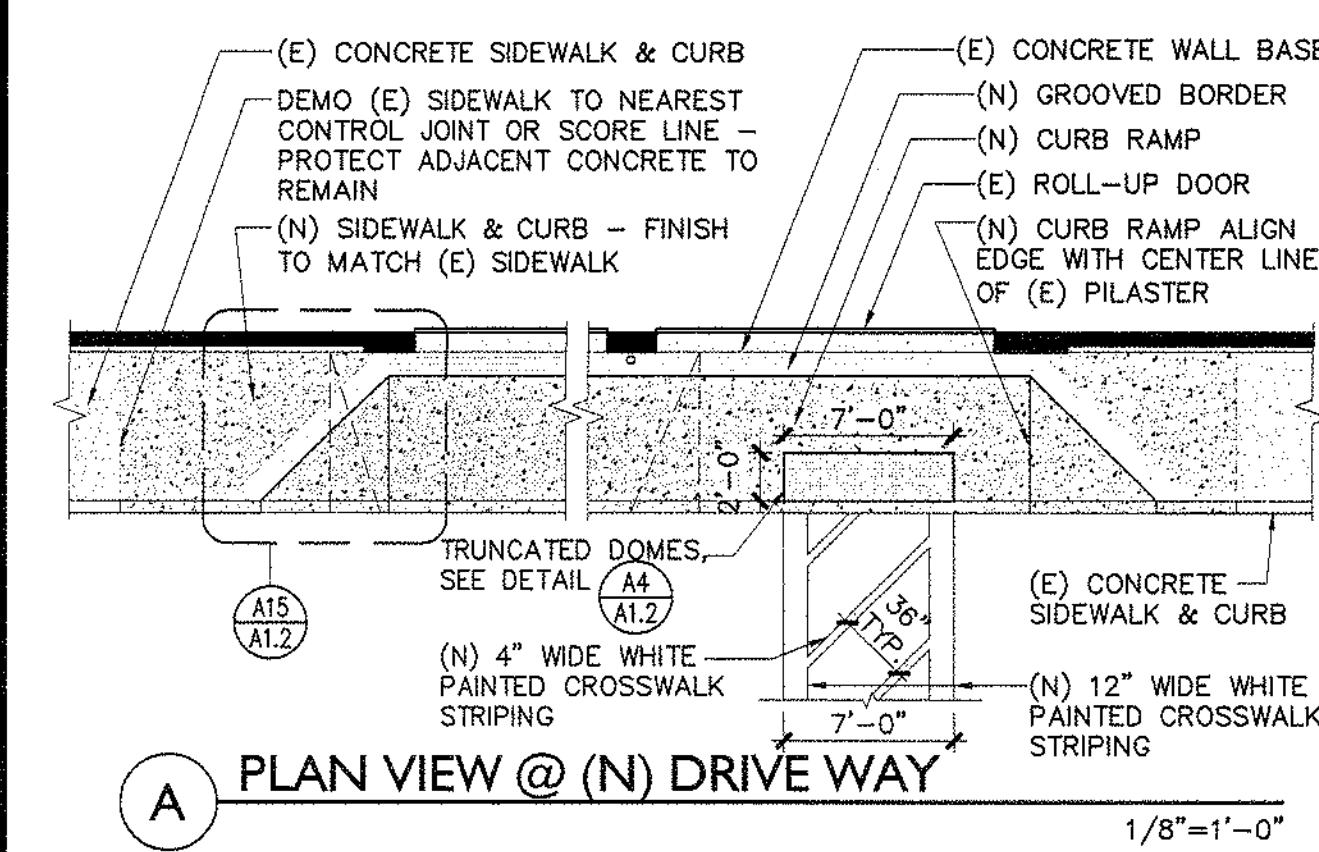


1 SITE PLAN (SEE A0.2 FOR PATH OF TRAVEL)

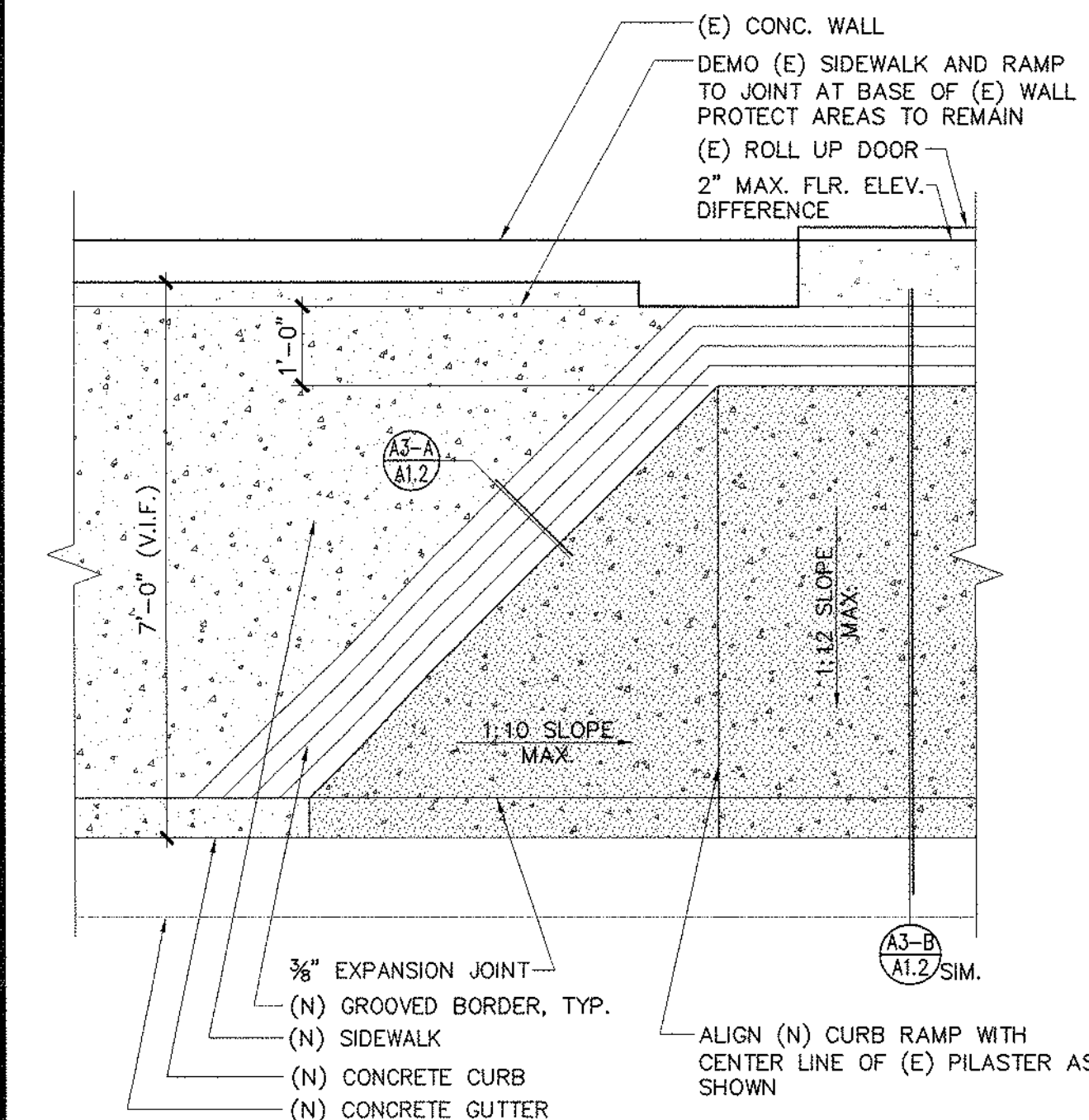
1" = 20'-0"



(N) SIDEWALK AT DEMOED CURB RAMP
1/8"=1'-0"

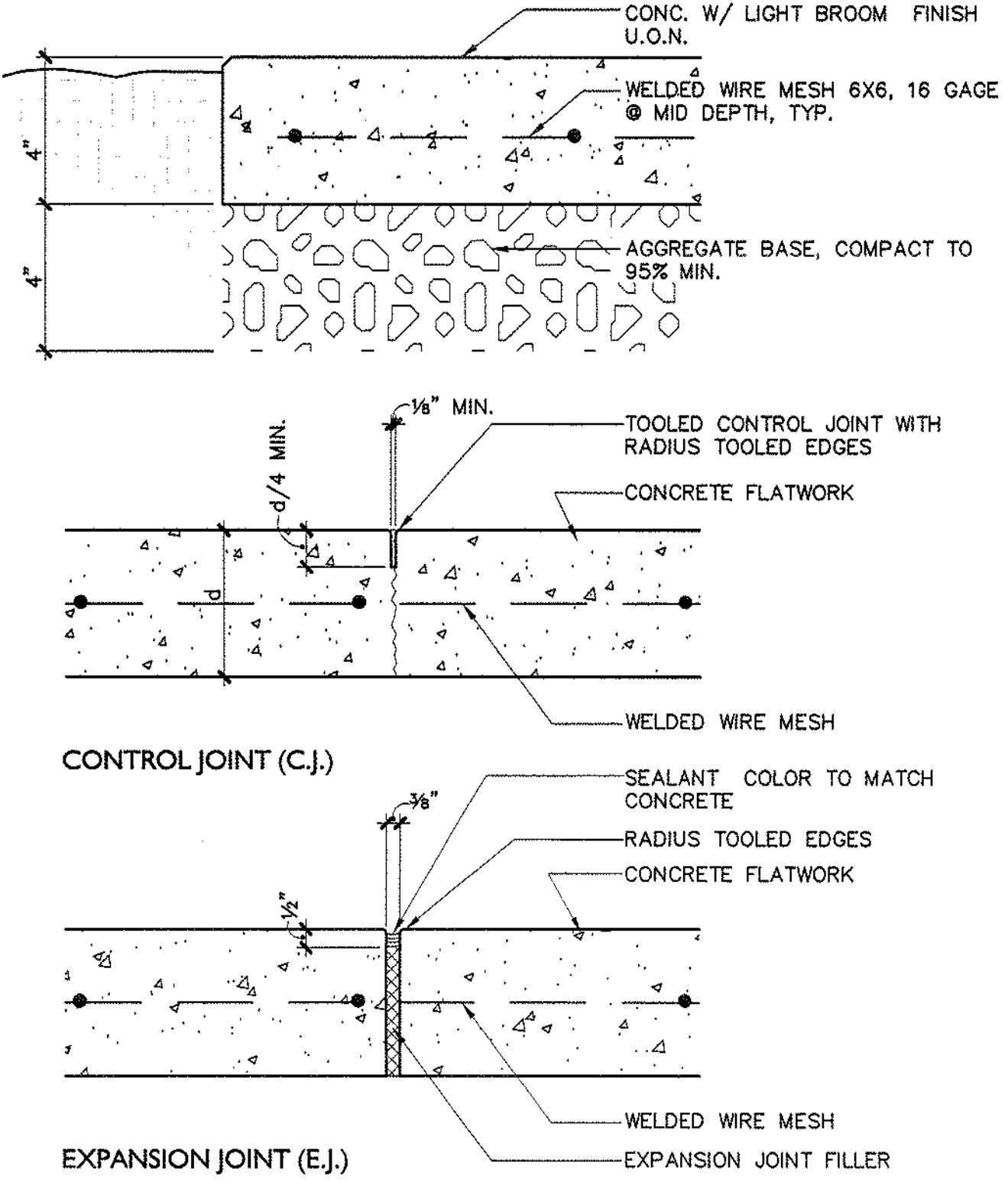


(N) MODIFICATION OF (E) DRIVEWAY
1/8"=1'-0"

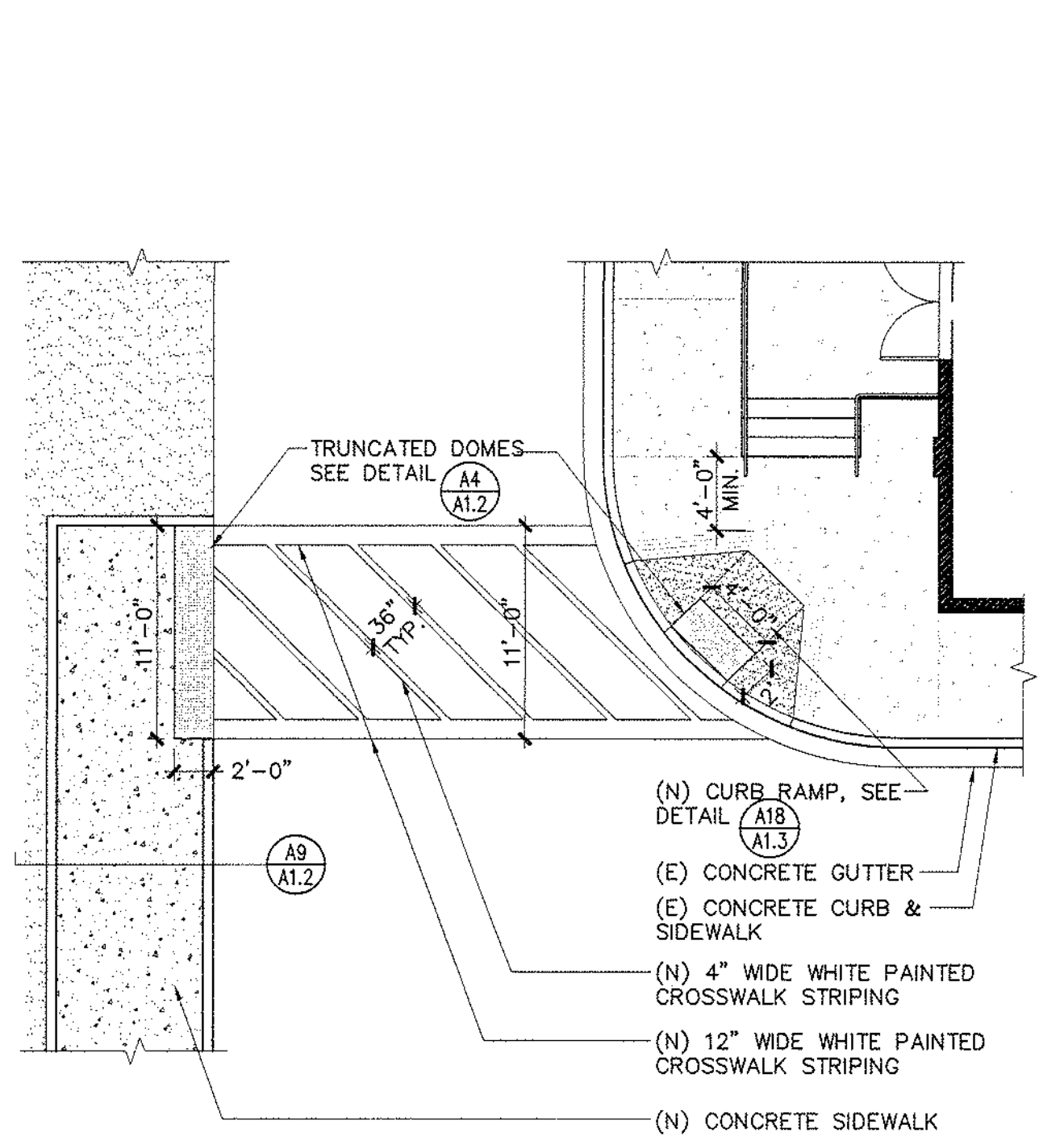


NOTE: THE FANNED OR FLORED SIDE MAY NOT EXCEED 1:10 (10%)

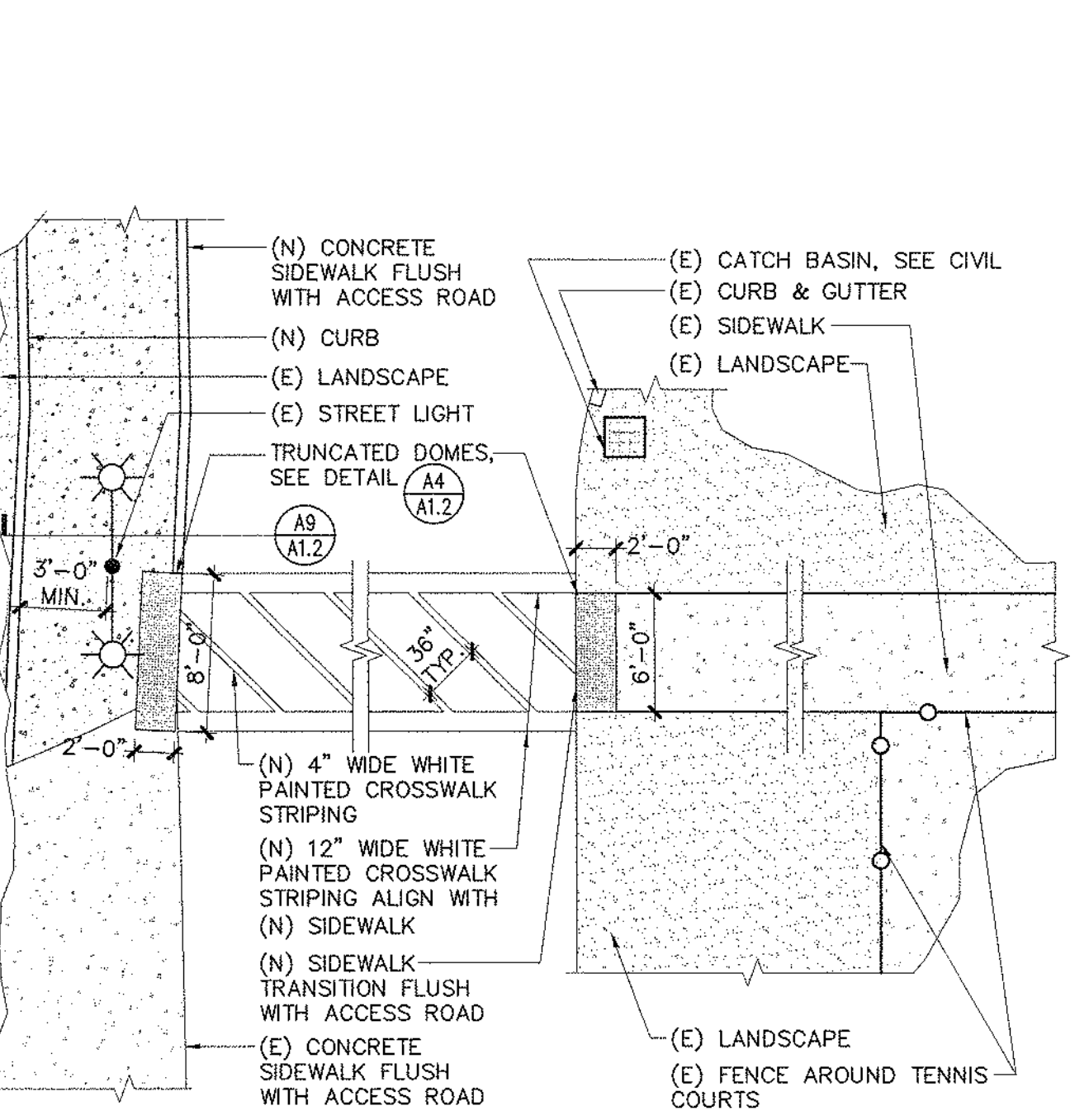
ACCESSIBLE CURB-CUT RAMP
1/2"=1'-0"



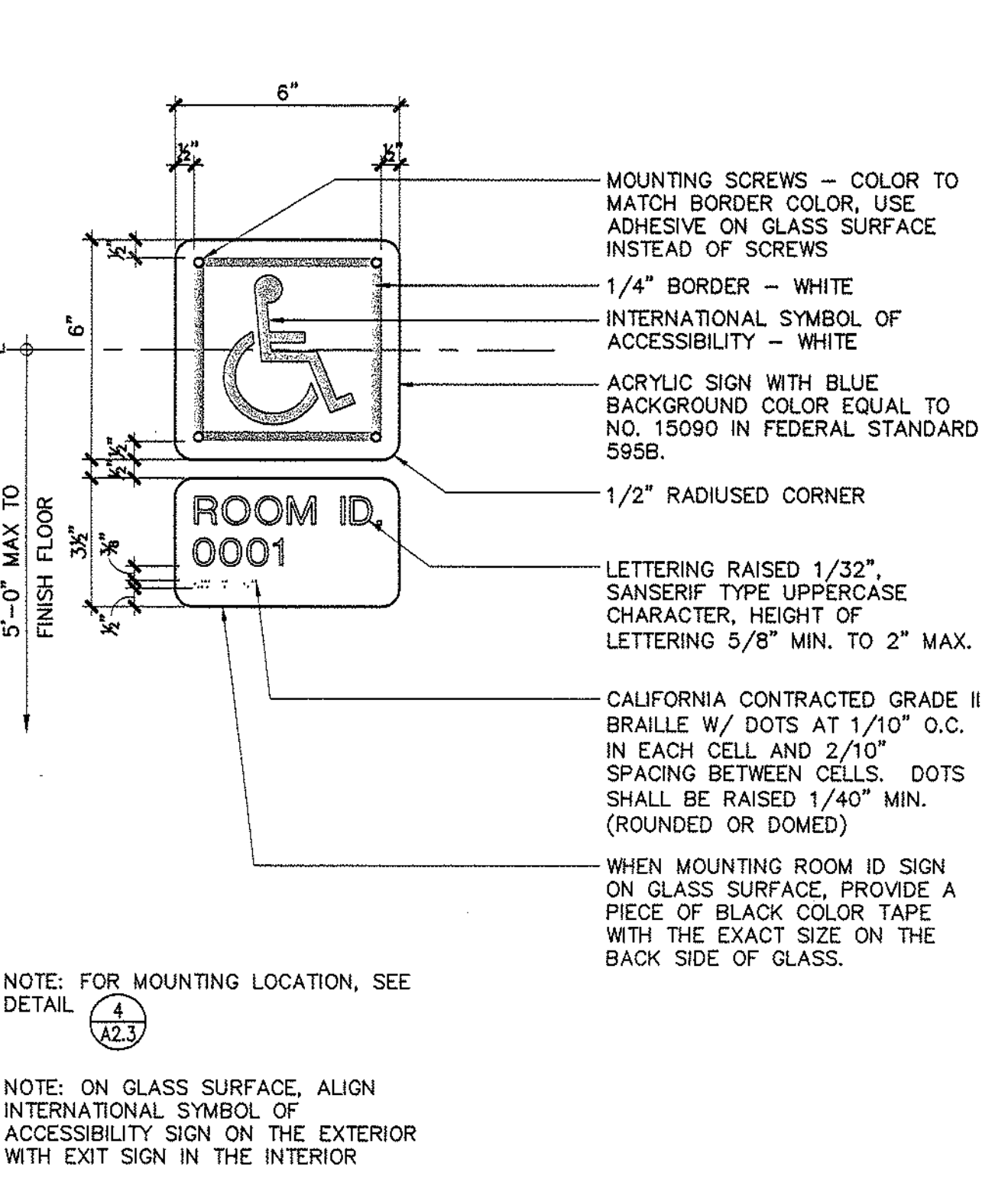
JOINTS @ EXTERIOR FLATWORK/SIDEWALK
3/8"=1'-0"



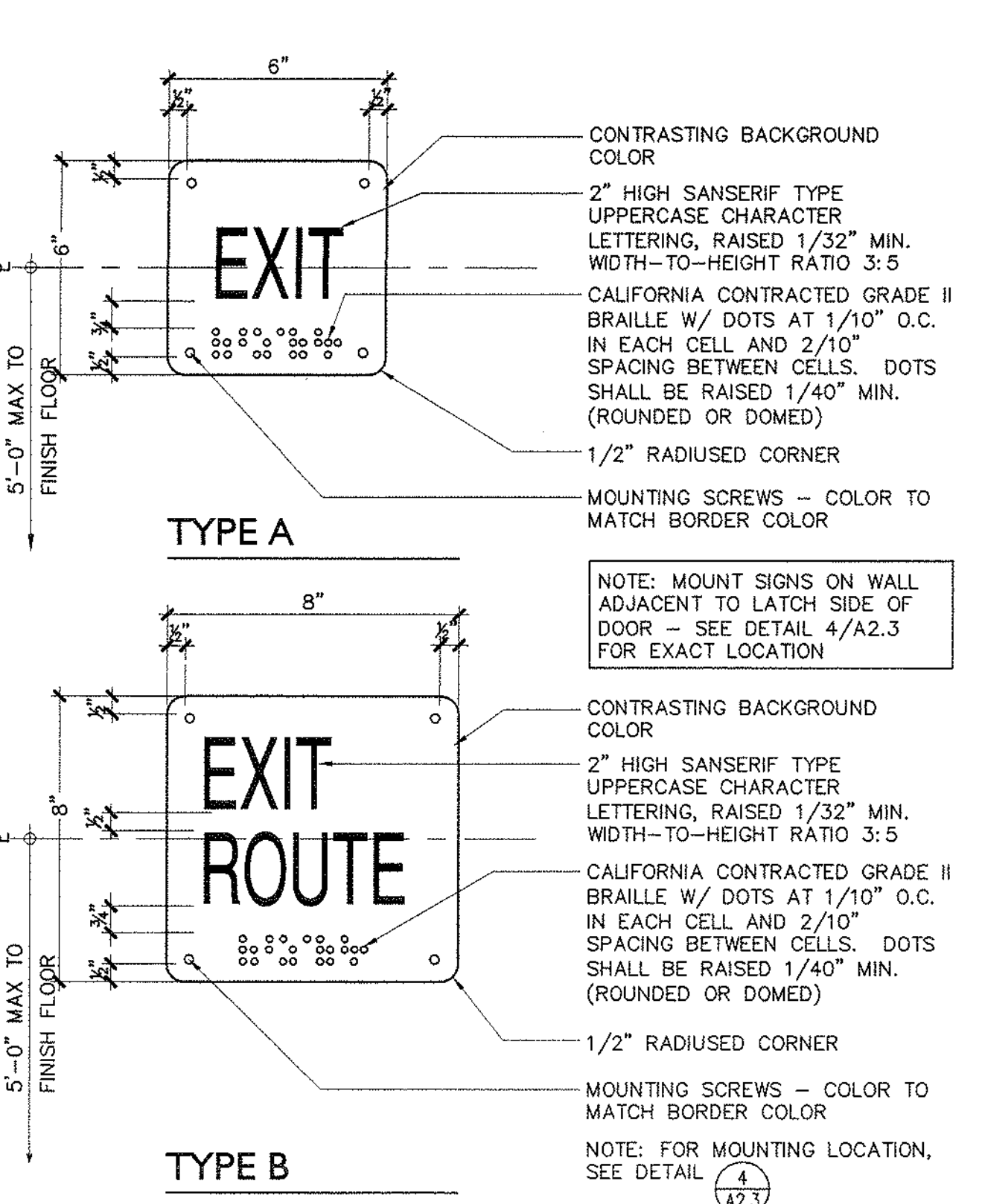
ACCESSIBLE CURB-CUT RAMP AT CORNER
1/4"=1'-0"



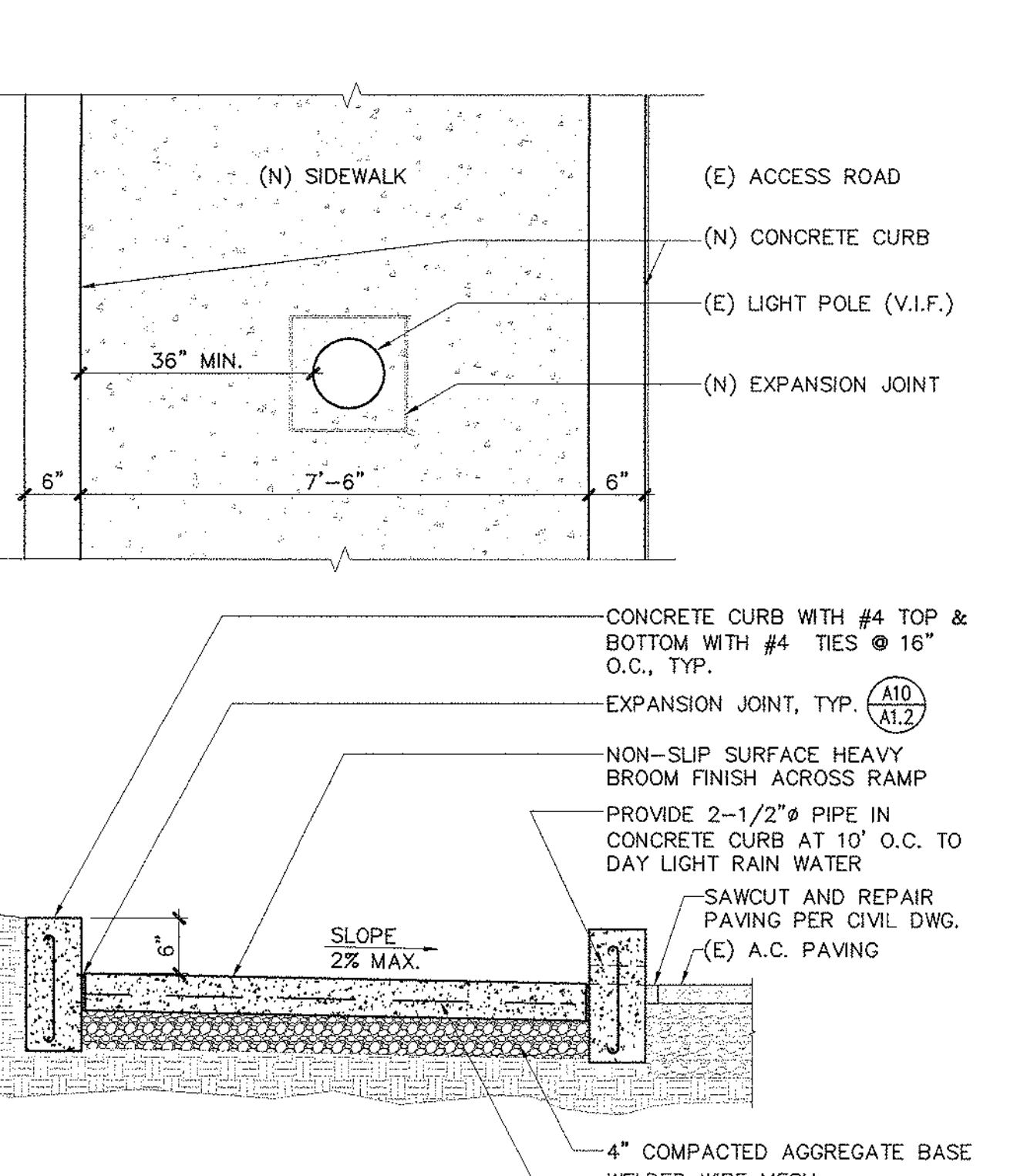
(N) CROSSWALK
1/8"=1'-0"



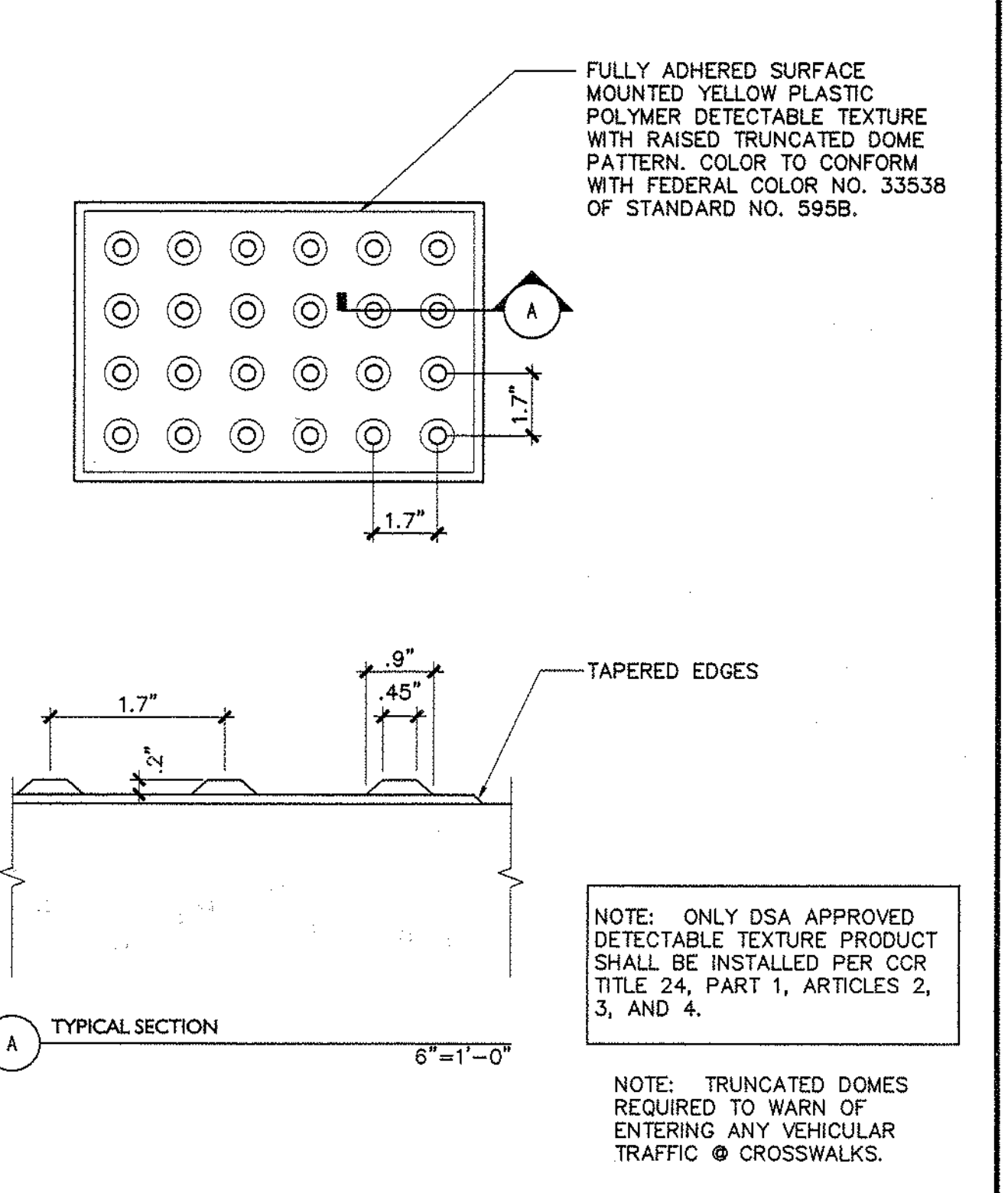
BUILDING ENTRANCE SIGNAGE
3/8"=1'-0"



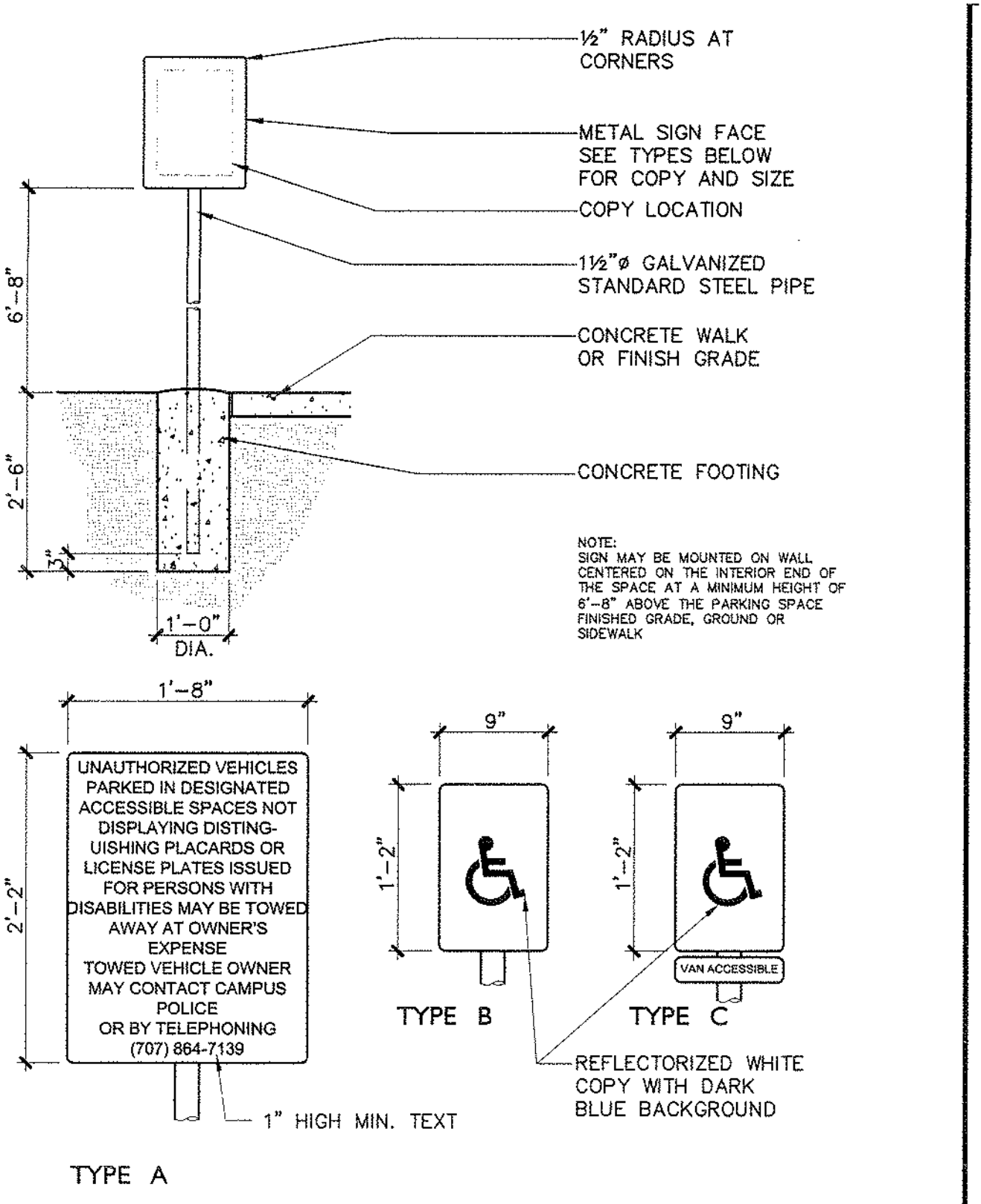
TACTILE EXIT SIGNAGE
3/8"=1'-0"



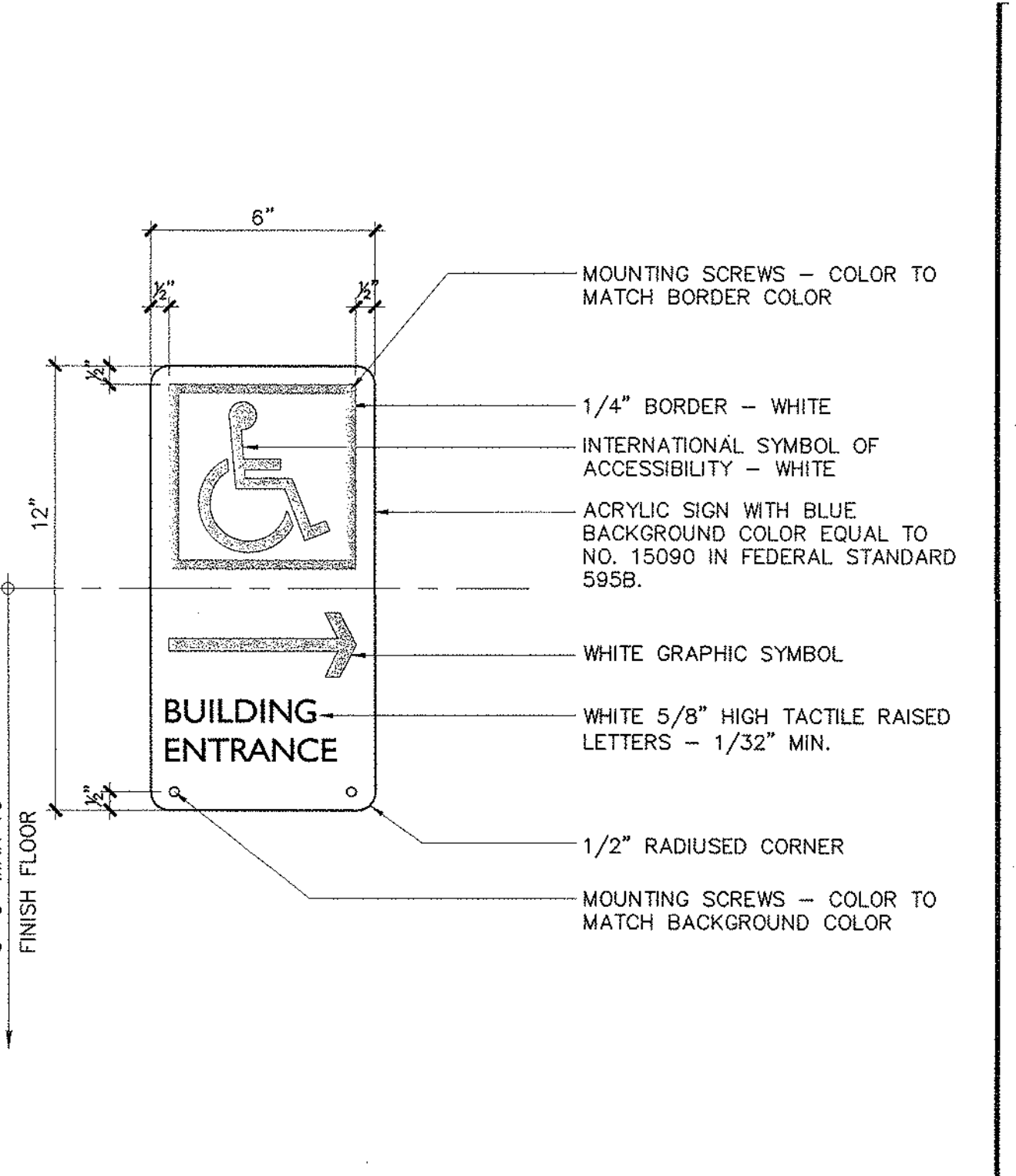
TYPICAL CURB AT (N) SIDEWALK
3/4"=1'-0"



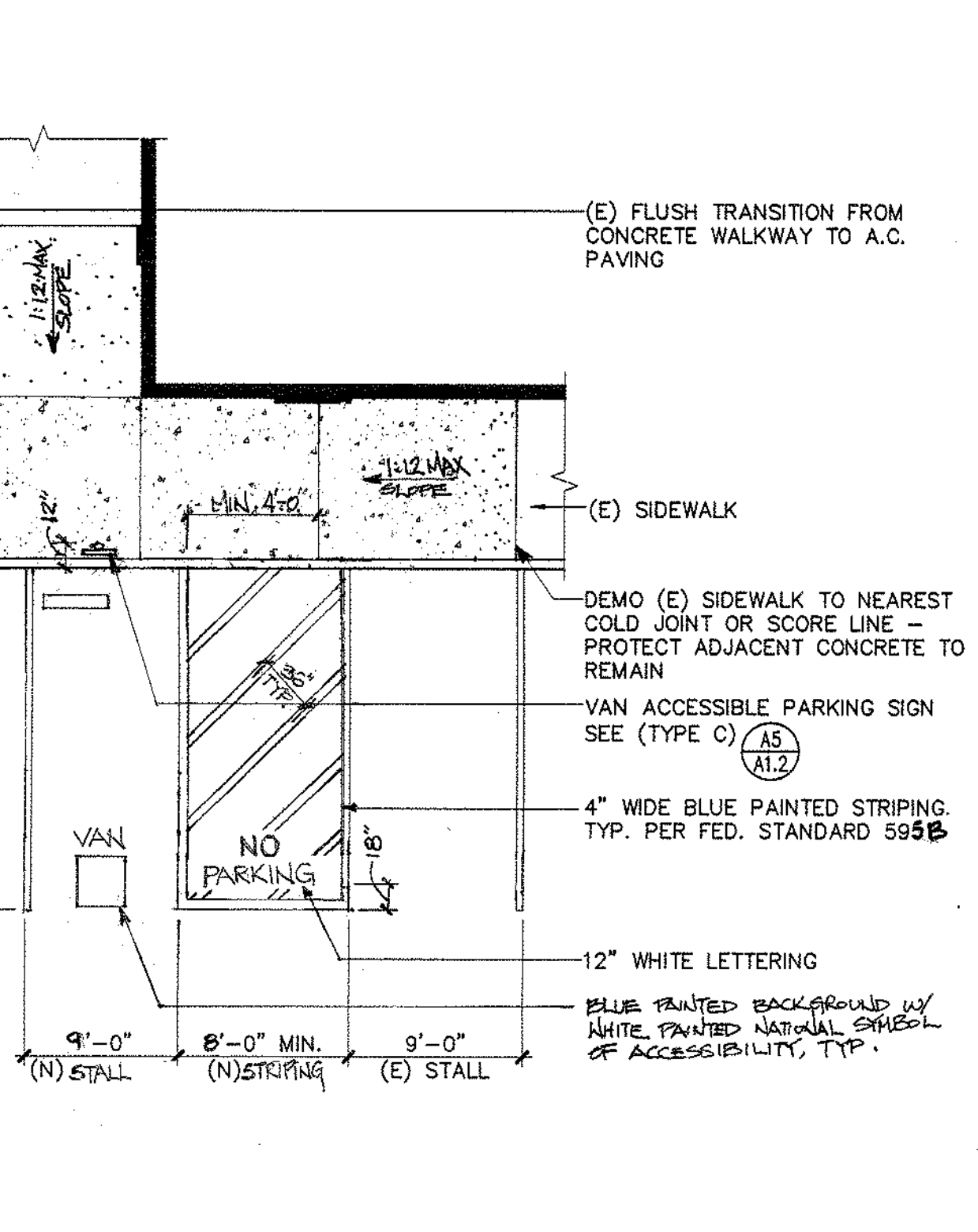
DETECTABLE TEXTURE
3/8"=1'-0"



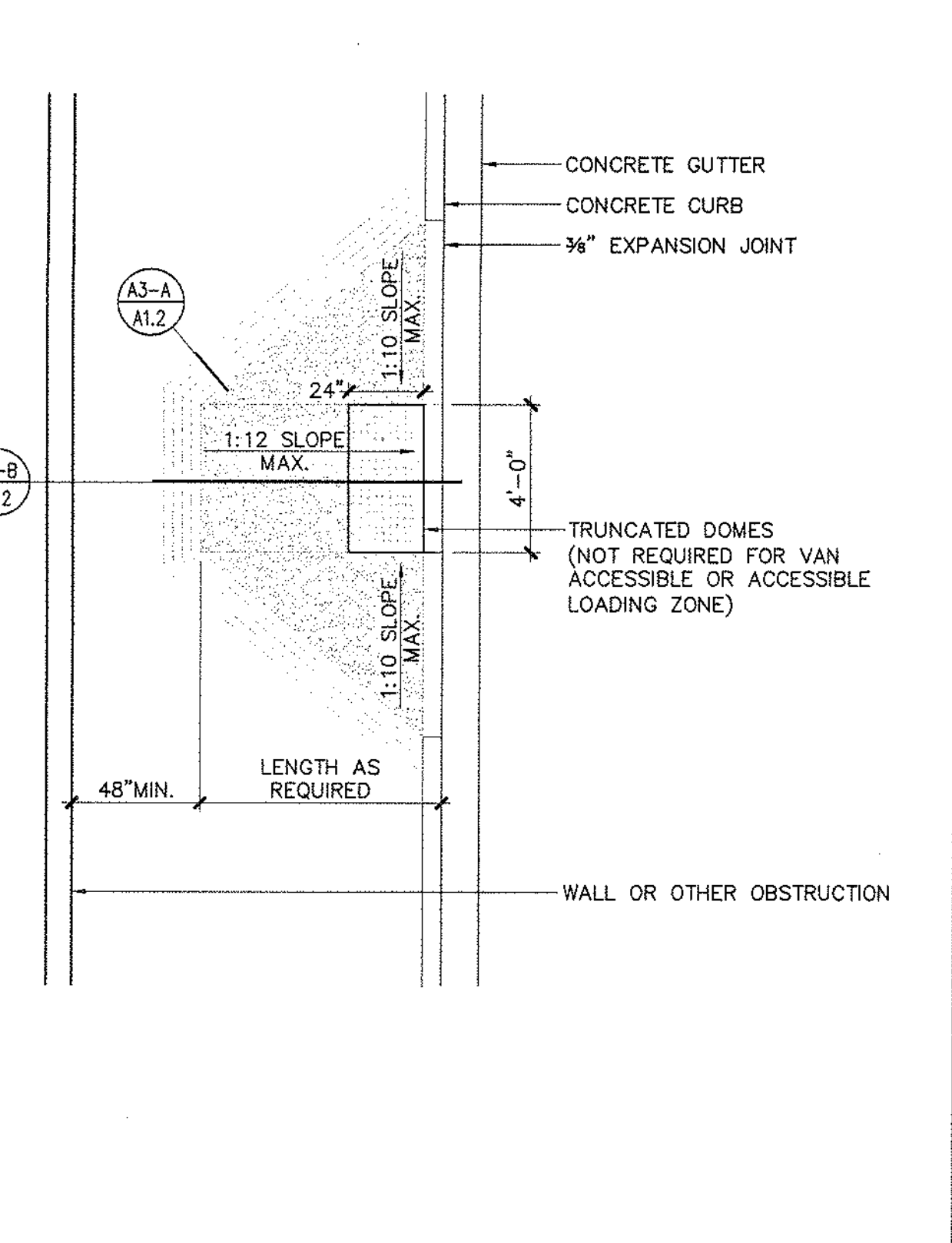
ACCESSIBLE PARKING SIGNAGE DETAILS
N.T.S.



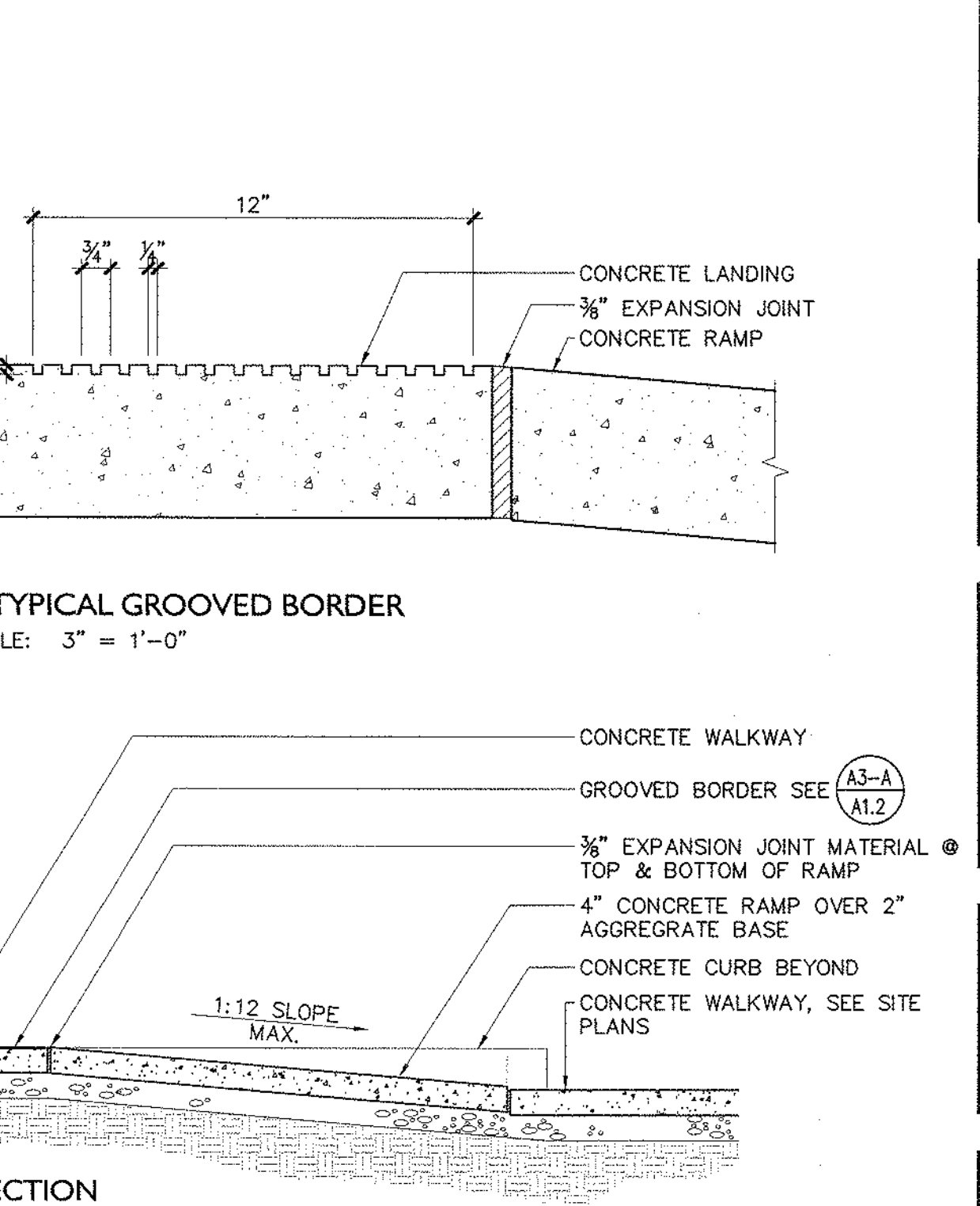
DIRECTIONAL ACCESSIBILITY SIGNAGE
3/8"=1'-0"



ACCESSIBLE PARKING STALL IDENTIFICATION
1/8"=1'-0"



ACCESSIBLE CURB-CUT RAMP
1/4"=1'-0"



ACCESSIBLE RAMP CONCRETE DETAILS
1/2"=1'-0"

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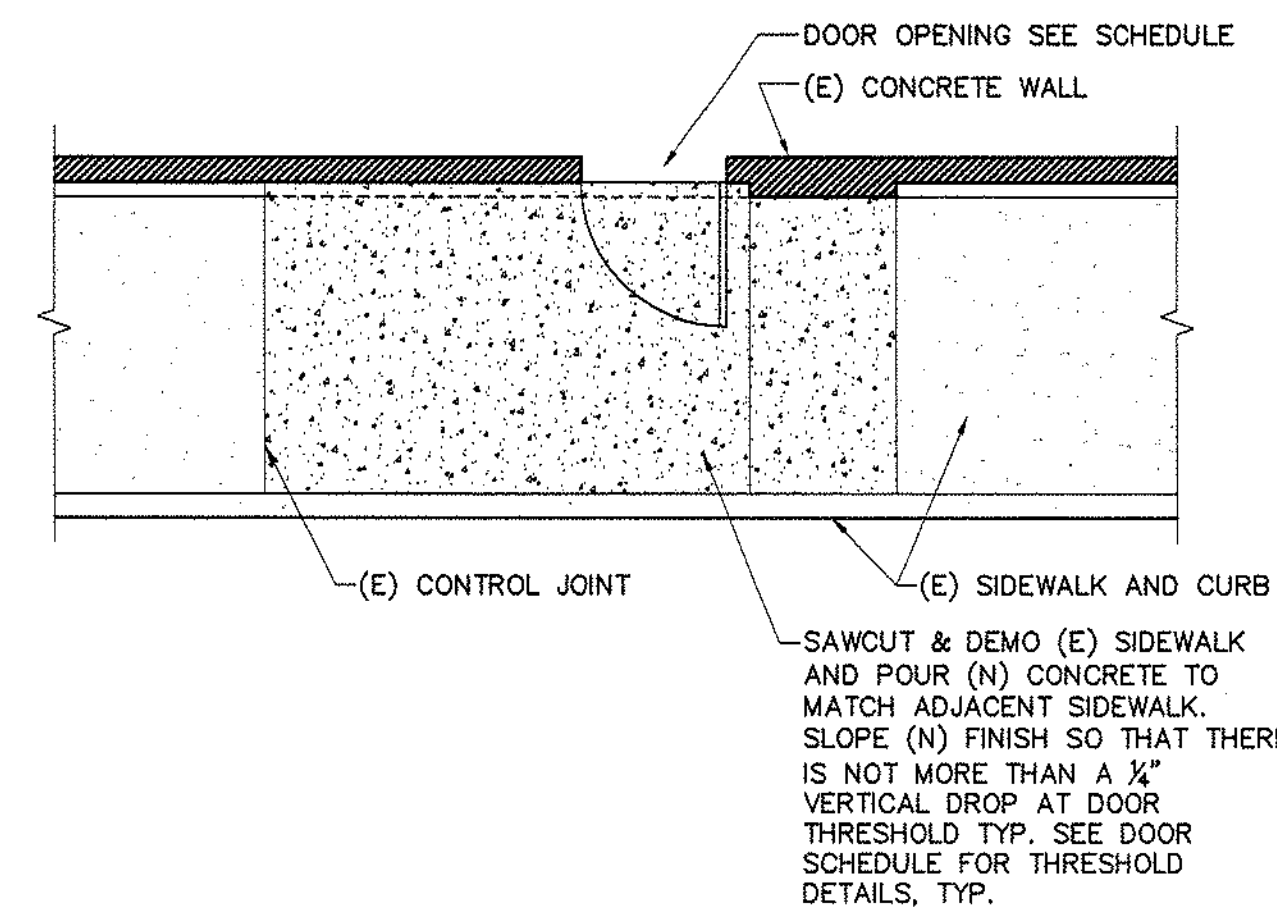
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
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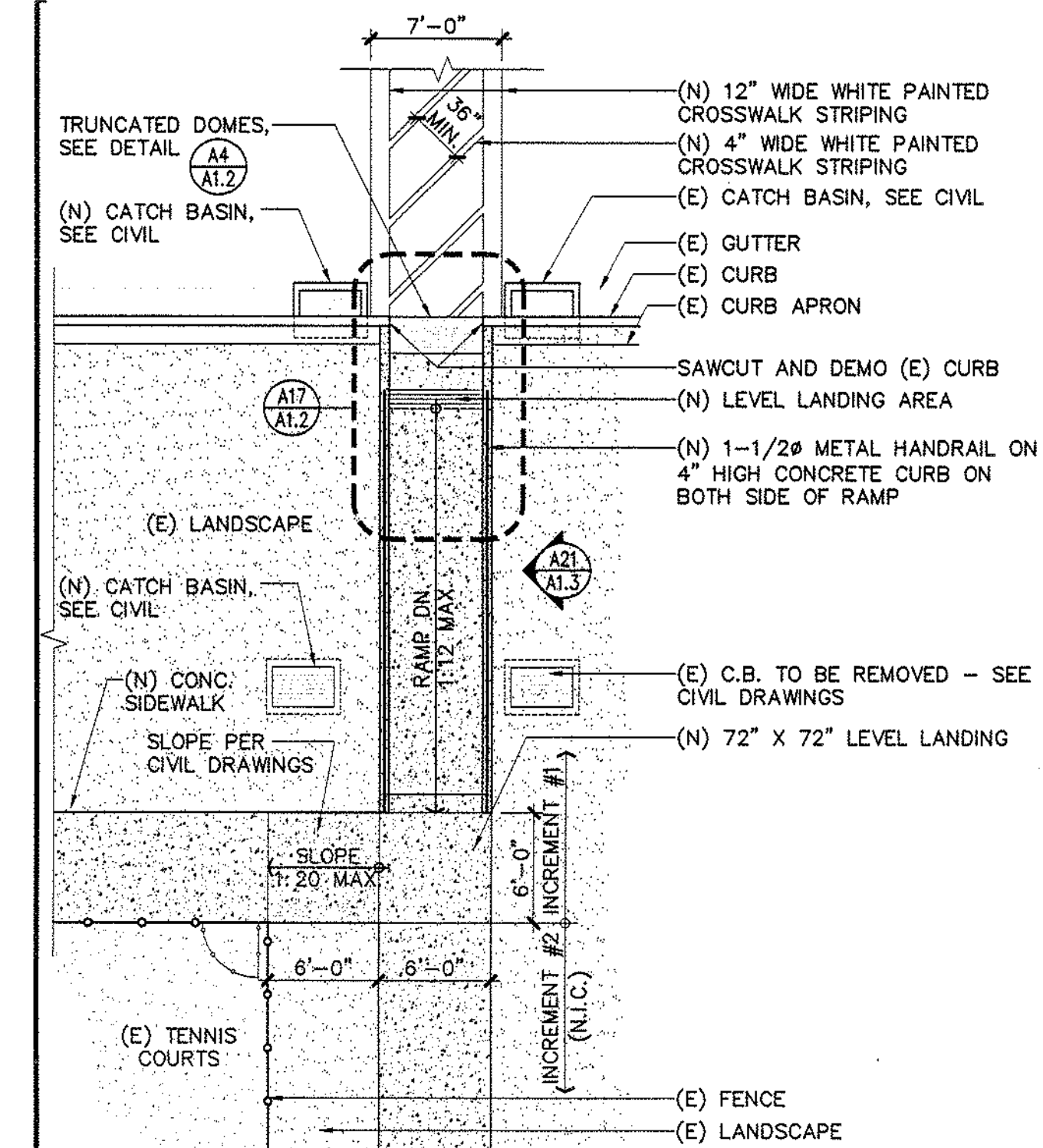
SITE DETAILS

A4745.01
AS NOTED
09 DECEMBER 2004

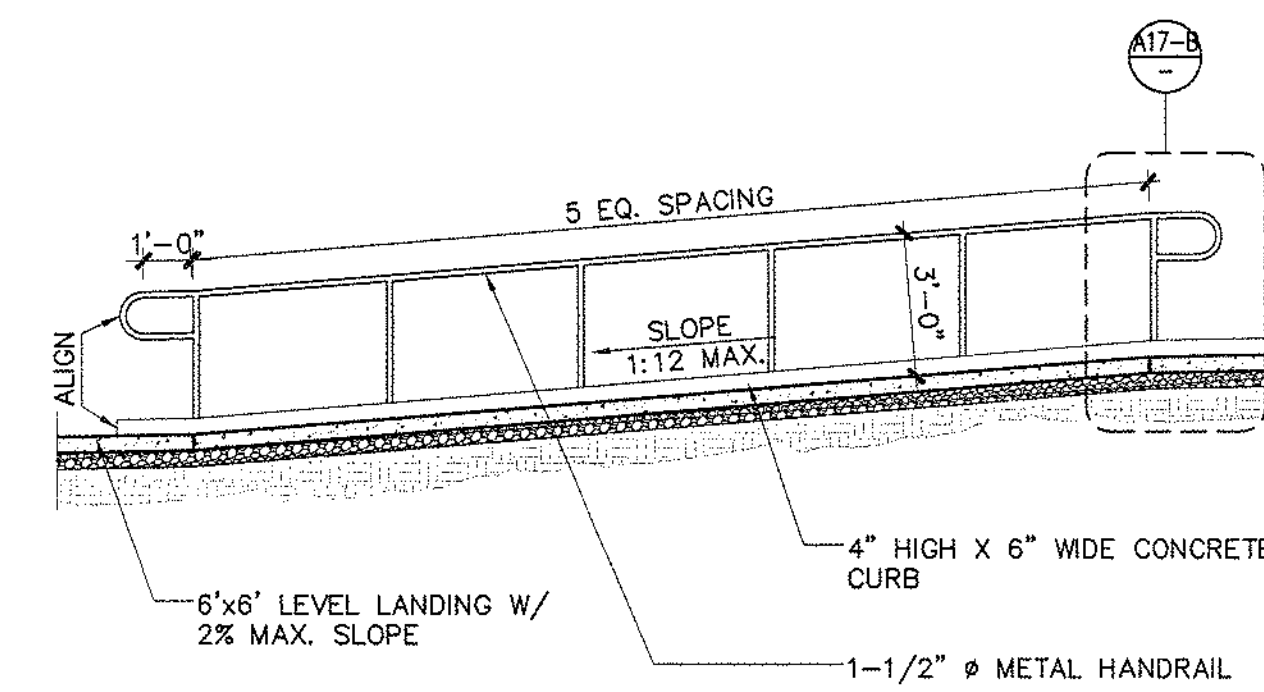
A1.2



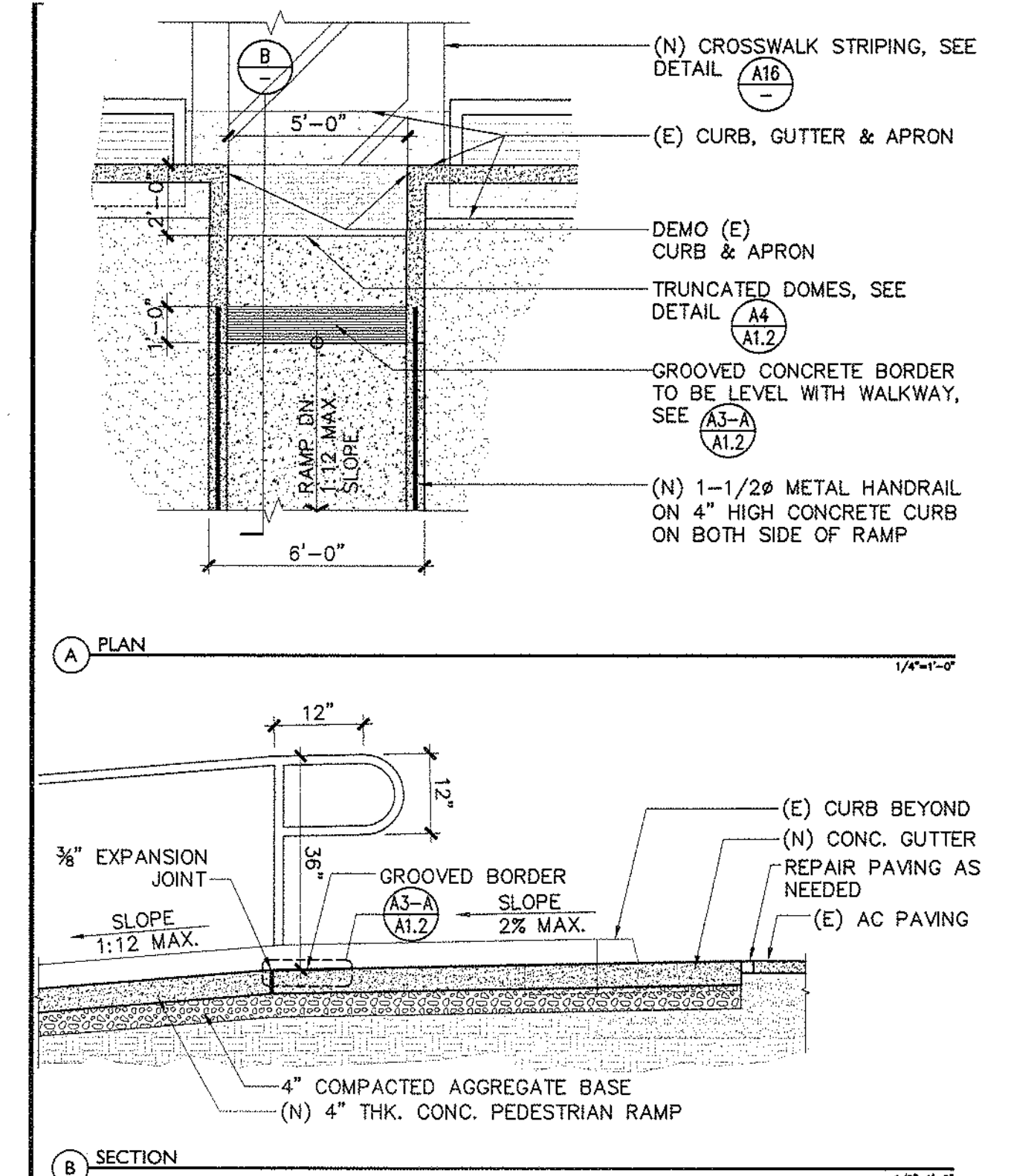
TYPICAL WARPED SIDEWALK
AT EXTERIOR DOOR
1/4"=1'-0"



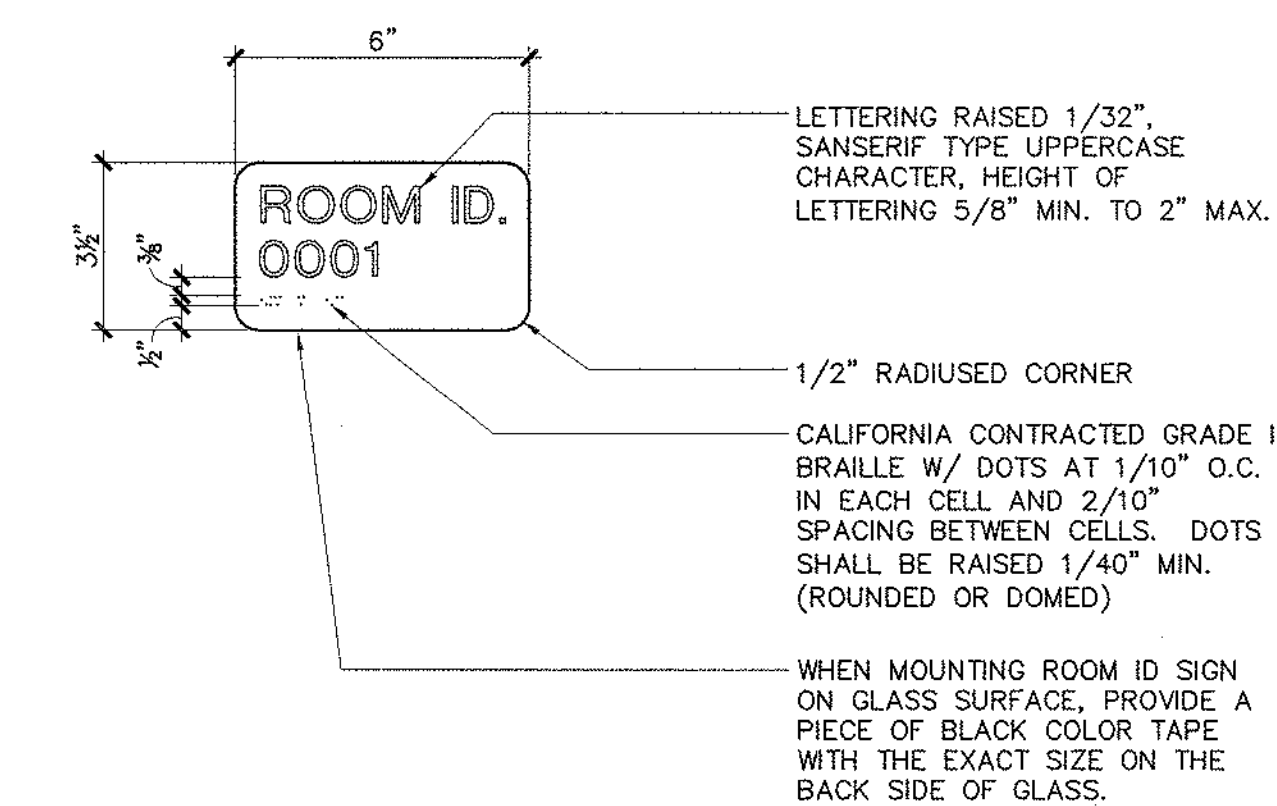
(N) PEDESTRIAN RAMP
AND SIDEWALK
1/8"=1'-0"



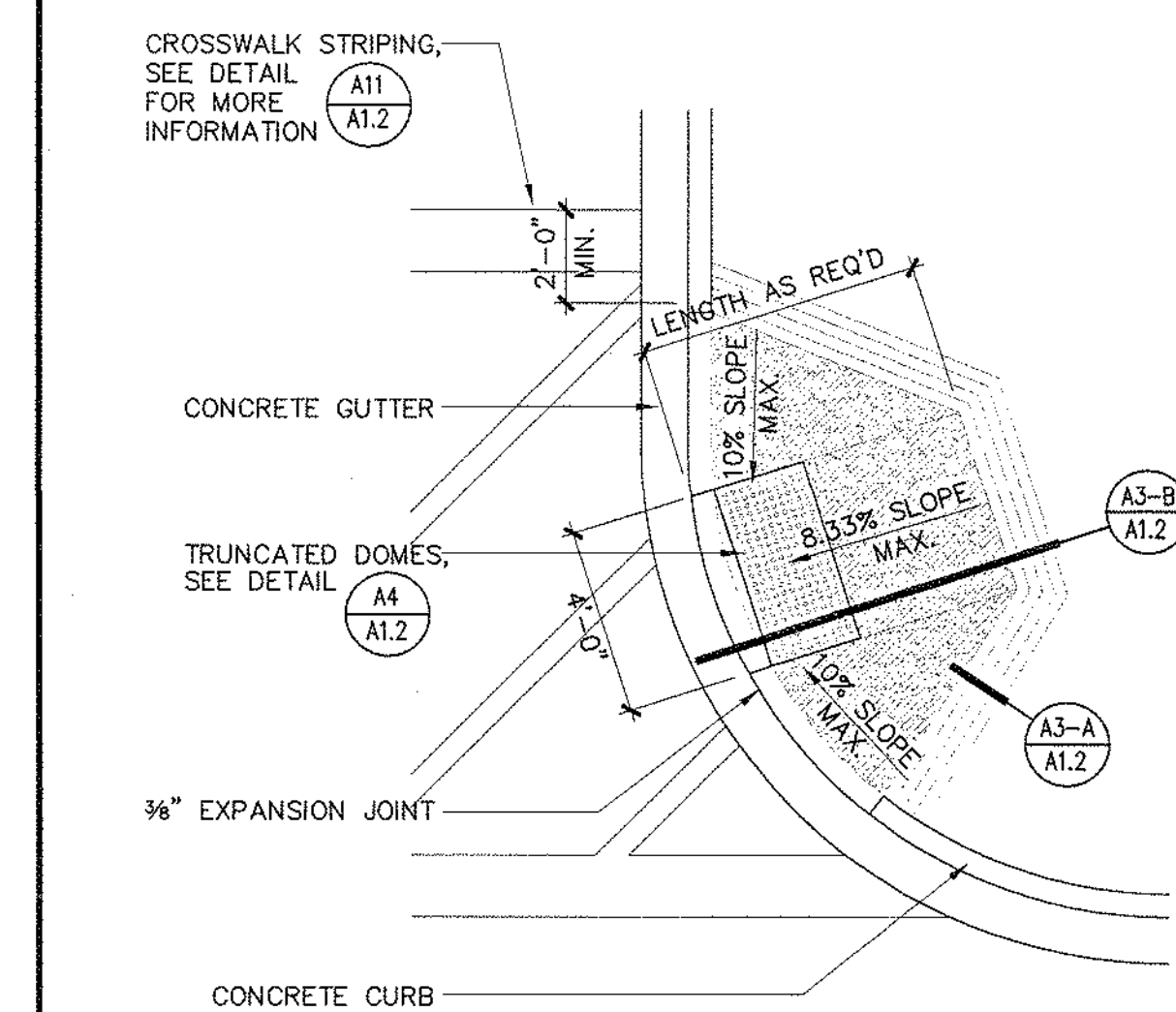
PEDESTRIAN RAMP SECTION
1/8"=1'-0"



ACCESSIBLE CURB-CUT RAMP
1/4"=1'-0"

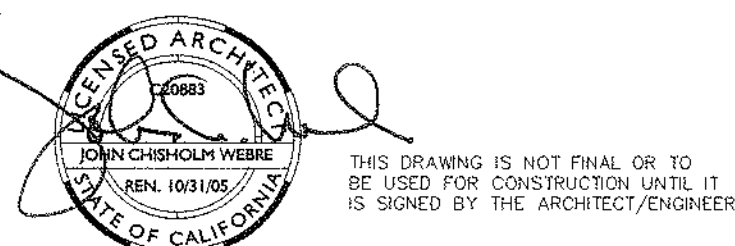


ROOM I.D.
SIGNAGE
3/4"=1'-0"



ACCESSIBLE CURB-CUT RAMP
AT CORNER
1/4"=1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610 / 1/12/07
DATE 12/9/07



REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

SITE DETAILS

A4745.01
AS NOTED
09 DECEMBER 2004

A1.3

GENERAL NOTES

1. CLEAN AND PREP FOR NEW CONSTRUCTION ALL AREAS EFFECTED BY DEMOLITION WORK - SEE FLOOR PLAN FOR DIMENSIONS OF NEW CONSTRUCTION.
2. PATCH, REPAIR AND REFINISH ALL AREAS TO REMAIN DAMAGED DURING CONSTRUCTION.
3. FILL HOLES IN CONCRETE WALLS FROM REMOVED EQUIPMENT.
4. SEE MECHANICAL, PLUMBING & ELECTRICAL DEMOLITION PLANS FOR INFORMATION RELATING TO THEIR INDIVIDUAL SCOPES OF WORK.

DEMO NOTES

- 0001 DEMO SLIDING HANGER DOOR AND FRAME
- 0002 DEMO WALL MOUNTED EQUIPMENT
- 0003 REMOVE BULLETIN BOARD
- 0004 DEMO PLUMBING FIXTURE - SEE PLUMBING DEMOLITION PLAN
- 0007 REMOVE CABINETRY
- 0008 DEMO WINDOW AND FRAME PREP FOR INFILL CONSTRUCTION - SEE FLOOR PLAN & STRUCTURAL PLANS
- 0009 DEMO DOOR AND FRAME PREP FOR INFILL CONSTRUCTION - SEE FLOOR PLAN & STRUCTURAL PLANS
- 0010 DEMO DOOR AND FRAME AND REPLACE WITH NEW - SEE DOOR SCHEDULE
- 0011 DEMO ALL WALL, CEILING & FLOOR FINISHES, FIXTURES ETC. TO (E) WOOD FRAMING
- 0012 REMOVE METAL STAIR
- 0013 DEMO ALL WALL FINISHES TO (E) WOOD STUDS
- 0014 DEMO ROLL UP DOOR AND FRAME
- 0015 (E) ELECTRICAL TRANSFORMER ABOVE (TO REMAIN) PROTECT DURING ADJACENT DEMOLITION
- 0016 (E) ELECTRICAL PANEL (TO REMAIN) PROTECT DURING ADJACENT DEMOLITION
- 0017 DEMO (E) MECHANICAL WORK SEE HVAC DEMOLITION PLAN
- 0018 REMOVE PAINT SPRAY EQUIPMENT
- 0020 SINK (TO BE RELOCATED) PROTECT DURING DEMOLITION - SEE PLUMBING PLANS FOR RELOCATION
- 0021 DEMO CURB & OVERHEAD SHOWER GRIND CONCRETE FLUSH AND PREP FOR NEW FLOOR FINISH
- 0022 DEMO PLUMBING WALL & CURB. GRIND CONCRETE FLUSH AND PREP FOR NEW FLOOR FINISH - SEE PLUMBING DEMO PLAN
- 0023 DEMO METAL CAGE
- 0024 INFILL & PATCH PIT, SEE FLOOR PLAN
- 0025 REMOVE AIR CONDITION UNIT
- 0026 SAWCUT AND DEMO PORTION OF CONCRETE WALL FOR NEW GLAZING SYSTEM - SEE FLOOR PLAN FOR LOCATION
- 0027 DEMO ELECTRICAL PANEL - SEE ELECTRICAL DEMOLITION PLAN
- 0028 (E) DRINKING FOUNTAIN (TO REMAIN) - SEE PLUMBING PLANS
- 0029 (E) HOSE BIB (TO REMAIN) - SEE PLUMBING PLANS
- 0030 SAWCUT AND DEMO PORTION OF CONCRETE WALL FOR (H) DOOR - SEE FLOOR PLAN FOR LOCATION
- 0031 MEZZANINE AREA TO BE DEMO.
- 0032 EXISTING WINDOW TO REMAIN

ASBESTOS NOTES:

1. REFER TO ASBESTOS AND LEAD BASED PAINT SURVEY REPORT PREPARED BY KLEINFELDER DATED JULY 20, 2004 FOR SOLANO COMMUNITY COLLEGE.
2. ASBESTOS CONTAINING PRODUCTS ARE PRESENT IN THE EXISTING BUILDING CONSTRUCTION. MATERIALS WHICH CONTAIN ASBESTOS INCLUDE SHEETROCK WALL SYSTEMS, HARD-PACK THERMAL INSULATION IN CEILING AREAS, BLACK ROLLED ROOFING MATERIAL LOCATED IN THE PARAPETS AND PENETRATION MASTIC. AREAS ASSUMED TO CONTAIN ASBESTOS BUT NOT TESTED INCLUDE ROOM 1855E.
3. IF ADDITIONAL SUSPECT MATERIALS ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE FOR INSTRUCTIONS PRIOR TO PROCEEDING WITH ADDITIONAL WORK. THE CONTRACTOR SHALL IMMEDIATELY POST NOTICES AND TAKE PRECAUTIONS NECESSARY TO ENSURE THE HEALTH AND SAFETY OF ALL WORKERS, THE STAFF AND THE PUBLIC. SEE SPECIFICATION SECTION 02198 FOR ADDITIONAL INFORMATION.

WALL LEGEND:

- 0000 (E) CONCRETE WALL (TO REMAIN)
- 0001 (E) WOOD FRAME WALL (TO REMAIN)
- 0002 (E) WOOD FRAME WALL (TO REMAIN) DEMO AND REPLACE FINISH ON DASHED SIDE OF WALL
- 0003 (E) WALL (TO BE DEMOLISHED) GRIND CONCRETE CURB FLUSH WITH (E) FLOOR, TYP. (U.N.O.)

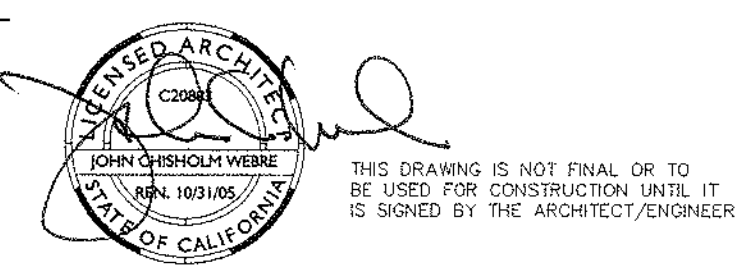
1 FIRST FLOOR DEMO PLAN

1/8" = 1'-0"

2 MEZZANINE DEMO PLAN

1/8" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610 LCR/H
A# 12/9/2004



REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

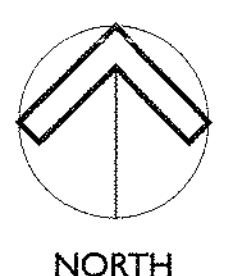
DEMO PLAN/
MEZZANINE DEMO PLAN

A4745.01

1/8" = 1'-0"

09 DECEMBER 2004

A2.0



NORTH

KEYNOTES:

- 5501 (E) METAL STAIR - TO REMAIN
- 5801 (E) EXPANSION JOINT ASSEMBLY
- 6105 (N) ROOF CANOPY - SEE DETAIL (A3) (A8)
- 7701 (E) RAIN WATER LEADER - TYPICAL
- 9203 (E) 2 HR. RATED WALL
- 9208 (N) INFILL IN EXISTING WALL, SEE WALL TYPES U/SHEET A0.4
- 9219 WALL CONTROL JOINT @ 30'-0" O.C. SEE DETAIL (A1) (A8)
- 9801 APPLY SELF LEVEL CONCRETE @ (E) FLOOR DRAIN AREA TO ACHIEVE LEVEL FLOOR SURFACE PRIOR TO INSTALL FINISH FLOORING
- 10430 BUILDING ENTRANCE SIGNAGE, SEE DETAIL (A7) (A12)
- 10431 DIRECTIONAL ACCESSIBILITY SIGNAGE, SEE DETAIL (A6) (A12)
- 10440 ROOM I.D. SIGNAGE, SEE DETAIL (A1) (A13)
- 10441 EXIT SIGNAGE, SEE DETAIL (A8) (A12)
- 10501 (N) FIRE EXTINGUISHER CABINET, SEE DETAIL (A9) (A8)
- 15401 (N) ACCESSIBLE HI-LOW DRINKING FOUNTAIN
- 15402 (N) LOCATION FOR (E) SINK
- 16003 (E) ELECTRICAL PANEL

WALL TYPE SYMBOL

- 10430 PARTITION CONDITION (NEW OR EXISTING)
- 10431 ASSEMBLY RATING IN HOURS
- 10432 WALL TYPE
- 10433 STUD HEIGHT

NOTE:
SEE SHEETS A0.3 - A0.5 FOR WALL TYPES.

ASSEMBLY FIRE RATING

MUST MEET REQUIREMENTS FOR UL ASSEMBLY LISTED IN WALL TYPES, SEE A0.3 - A0.5

GENERAL NOTES:

1. SEE TYPICAL DETAILS: (A8) (A9) (A10) (A11) (A12) (A13) (A14) (A15) (A16) (A17) (A18) (A19) (A20) (A21) (A22) (A23) (A24) (A25) (A26) (A27) (A28) (A29) (A30) (A31) (A32) (A33) (A34) (A35) (A36) (A37) (A38) (A39) (A40) (A41) (A42) (A43) (A44) (A45) (A46) (A47) (A48) (A49) (A50) (A51) (A52) (A53) (A54) (A55) (A56) (A57) (A58) (A59) (A60) (A61) (A62) (A63) (A64) (A65) (A66) (A67) (A68) (A69) (A70) (A71) (A72) (A73) (A74) (A75) (A76) (A77) (A78) (A79) (A80) (A81) (A82) (A83) (A84) (A85) (A86) (A87) (A88) (A89) (A90) (A91) (A92) (A93) (A94) (A95) (A96) (A97) (A98) (A99) (A100) (A101) (A102) (A103) (A104) (A105) (A106) (A107) (A108) (A109) (A110) (A111) (A112) (A113) (A114) (A115) (A116) (A117) (A118) (A119) (A120) (A121) (A122) (A123) (A124) (A125) (A126) (A127) (A128) (A129) (A130) (A131) (A132) (A133) (A134) (A135) (A136) (A137) (A138) (A139) (A140) (A141) (A142) (A143) (A144) (A145) (A146) (A147) (A148) (A149) (A150) (A151) (A152) (A153) (A154) (A155) (A156) (A157) (A158) (A159) (A160) 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1. REMOVE ALL ROOFING MATERIAL TO EXPOSE ROOF SHEATHING. REPLACE ANY DAMAGED ROOF SHEATHING.
2. CONTRACTOR TO EXAMINE EXISTING SUBSTRATE AND REPORT ANY AND ALL DEFECTIVE CONSTRUCTION.
3. REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR EXTENT OF DEMOLITION WORK.
4. FOR FLASHING AT ALL (E) AND (N) CIRCULAR ROOF PENETRATIONS - SEE DETAIL (R1) A5.3
5. FOR FLASHING AT ALL (E) AND (N) RECTANGULAR ROOF PENETRATIONS SEE DETAILS (R2) A5.3, (R3) A5.3, (R4) A5.3, (R5) A5.3, (R6) A5.3, (R7) A5.3, (R8) A5.3, (R9) A5.3, (R10) A5.3, (R11) A5.3, (R12) A5.3, (R13) A5.3, (R14) A5.3, (R15) A5.3, (R16) A5.3, (R17) A5.3, (R18) A5.3, (R19) A5.3, (R20) A5.3, (R21) A5.3, (R22) A5.3, (R23) A5.3, (R24) A5.3, (R25) A5.3, (R26) A5.3, (R27) A5.3, (R28) A5.3, (R29) A5.3, (R30) A5.3, (R31) A5.3, (R32) A5.3, (R33) A5.3, (R34) A5.3, (R35) A5.3, (R36) A5.3, (R37) A5.3, (R38) A5.3, (R39) A5.3, (R40) A5.3, (R41) A5.3, (R42) A5.3, (R43) A5.3, (R44) A5.3, (R45) A5.3, (R46) A5.3, (R47) A5.3, (R48) A5.3, (R49) A5.3, (R50) A5.3, (R51) A5.3, (R52) A5.3, (R53) A5.3, (R54) A5.3, (R55) A5.3, (R56) A5.3, (R57) A5.3, (R58) A5.3, (R59) A5.3, (R60) A5.3, (R61) A5.3, (R62) A5.3, (R63) A5.3, (R64) A5.3, (R65) A5.3, (R66) A5.3, (R67) A5.3, (R68) A5.3, (R69) A5.3, (R70) A5.3, (R71) A5.3, (R72) A5.3, (R73) A5.3, (R74) A5.3, (R75) A5.3, (R76) A5.3, (R77) A5.3, (R78) A5.3, (R79) A5.3, (R80) A5.3, (R81) A5.3, (R82) A5.3, (R83) A5.3, (R84) A5.3, (R85) A5.3, (R86) A5.3, (R87) A5.3, (R88) A5.3, (R89) A5.3, (R90) A5.3, (R91) A5.3, (R92) A5.3, (R93) A5.3, (R94) A5.3, (R95) A5.3, (R96) A5.3, (R97) A5.3, (R98) A5.3, (R99) A5.3, (R100) A5.3, (R101) A5.3, (R102) A5.3, (R103) A5.3, (R104) A5.3, (R105) A5.3, (R106) A5.3, (R107) A5.3, (R108) A5.3, (R109) A5.3, (R110) A5.3, (R111) A5.3, (R112) A5.3, (R113) A5.3, (R114) A5.3, (R115) A5.3, (R116) A5.3, (R117) A5.3, (R118) A5.3, (R119) A5.3, (R120) A5.3, (R121) A5.3, (R122) A5.3, (R123) A5.3, (R124) A5.3, (R125) A5.3, (R126) A5.3, (R127) A5.3, (R128) A5.3, (R129) A5.3, (R130) A5.3, (R131) A5.3, (R132) A5.3, (R133) A5.3, (R134) A5.3, (R135) A5.3, (R136) A5.3, (R137) A5.3, (R138) A5.3, (R139) A5.3, (R140) A5.3, (R141) A5.3, (R142) A5.3, (R143) A5.3, (R144) A5.3, (R145) A5.3, (R146) A5.3, (R147) A5.3, (R148) A5.3, (R149) A5.3, (R150) A5.3, (R151) A5.3, (R152) A5.3, (R153) A5.3, (R154) A5.3, (R155) A5.3, (R156) A5.3, (R157) A5.3, (R158) A5.3, (R159) A5.3, (R160) A5.3, (R161) A5.3, (R162) A5.3, (R163) A5.3, (R164) A5.3, (R165) A5.3, (R166) A5.3, (R167) A5.3, (R168) A5.3, (R169) A5.3, (R170) A5.3, (R171) A5.3, (R172) A5.3, (R173) A5.3, (R174) A5.3, (R175) A5.3, (R176) A5.3, (R177) A5.3, (R178) A5.3, (R179) A5.3, (R180) A5.3, (R181) A5.3, (R182) A5.3, (R183) A5.3, (R184) A5.3, (R185) A5.3, (R186) A5.3, (R187) A5.3, (R188) A5.3, (R189) A5.3, (R190) A5.3, (R191) A5.3, (R192) A5.3, (R193) A5.3, (R194) A5.3, (R195) A5.3, (R196) A5.3, (R197) A5.3, (R198) A5.3, (R199) A5.3, (R200) A5.3, (R201) A5.3, (R202) A5.3, (R203) A5.3, (R204) A5.3, (R205) A5.3, (R206) A5.3, (R207) A5.3, (R208) A5.3, (R209) A5.3, (R210) A5.3, (R211) A5.3, (R212) A5.3, (R213) A5.3, (R214) A5.3, (R215) A5.3, (R216) A5.3, (R217) A5.3, (R218) A5.3, (R219) A5.3, (R220) A5.3, (R221) A5.3, (R222) A5.3, (R223) A5.3, (R224) A5.3, (R225) A5.3, (R226) A5.3, (R227) A5.3, (R228) A5.3, (R229) A5.3, (R230) A5.3, (R231) A5.3, (R232) A5.3, (R233) A5.3, (R234) A5.3, (R235) A5.3, (R236) A5.3, (R237) A5.3, (R238) A5.3, (R239) A5.3, (R240) A5.3, (R241) A5.3, (R242) A5.3, (R243) A5.3, (R244) A5.3, (R245) A5.3, (R246) A5.3, (R247) A5.3, (R248) A5.3, (R249) A5.3, (R250) A5.3, (R251) A5.3, (R252) A5.3, (R253) A5.3, (R254) A5.3, (R255) A5.3, (R256) A5.3, (R257) A5.3, (R258) A5.3, (R259) A5.3, (R260) A5.3, (R261) A5.3, (R262) A5.3, (R263) A5.3, (R264) A5.3, (R265) A5.3, (R266) A5.3, (R267) A5.3, (R268) A5.3, (R269) A5.3, (R270) A5.3, (R271) A5.3, (R272) A5.3, (R273) A5.3, (R274) A5.3, (R275) A5.3, (R276) A5.3, (R277) A5.3, (R278) A5.3, (R279) A5.3, (R280) A5.3, (R281) A5.3, (R282) A5.3, (R283) A5.3, (R284) A5.3, (R285) A5.3, (R286) A5.3, (R287) A5.3, (R288) A5.3, (R289) A5.3, (R290) A5.3, (R291) A5.3, (R292) A5.3, (R293) A5.3, (R294) A5.3, (R295) A5.3, (R296) A5.3, (R297) A5.3, (R298) A5.3, (R299) A5.3, (R300) A5.3, (R301) A5.3, (R302) A5.3, (R303) A5.3, (R304) A5.3, (R305) A5.3, (R306) A5.3, (R307) A5.3, (R308) A5.3, (R309) A5.3, (R310) A5.3, (R311) A5.3, (R312) A5.3, (R313) A5.3, (R314) A5.3, (R315) A5.3, (R316) A5.3, (R317) A5.3, (R318) A5.3, (R319) A5.3, (R320) A5.3, (R321) A5.3, (R322) A5.3, (R323) A5.3, (R324) A5.3, (R325) A5.3, (R326) A5.3, (R327) A5.3, (R328) A5.3, (R329) A5.3, (R330) A5.3, (R331) A5.3, (R332) A5.3, (R333) A5.3, (R334) A5.3, (R335) A5.3, (R336) A5.3, (R337) A5.3, (R338) A5.3, (R339) A5.3, (R340) A5.3, (R341) A5.3, (R342) A5.3, (R343) A5.3, (R344) A5.3, (R345) A5.3, (R346) A5.3, (R347) A5.3, (R348) A5.3, (R349) A5.3, (R350) A5.3, (R351) A5.3, (R352) A5.3, (R353) A5.3, (R354) A5.3, (R355) A5.3, (R356) A5.3, (R357) A5.3, (R358) A5.3, (R359) A5.3, (R360) A5.3, (R361) A5.3, (R362) A5.3, (R363) A5.3, (R364) A5.3, (R365) A5.3, (R366) A5.3, (R367) A5.3, (R36

0001	DEMO EXHAUST FAN AND CURB
0002	DEMO GRAVITY VENT AND CURB
0003	DEMO ROOF VENT AND FLASHING
0004	DEMO FLUE AND FLASHING
0005	DEMO BUILT-UP ROOF
0006	DEMO ROOF HATCH, CURB TO REMAIN INTACT
0007	DEMO EXPANSION JOINT COVER AND FLASHING CURB TO REMAIN INTACT
0008	DEMO ENTIRE MECHANICAL EQUIPMENT SCREEN INCLUDING CEMENT PLASTER, TILE ROOF, FLASHING, CURBS, AND BLOCKING.
0009	DEMO MECHANICAL EQUIPMENT - SEE MECHANICAL EQUIPMENT
0010	REPLACE MECHANICAL EQUIPMENT - SEE ROOF PLAN

[5502] (N) MECHANICAL ROOF SCREEN - SEE (1)
 [5503] (N) 48" WIDE MECHANICAL ROOF SCREEN
 ACCESS DOOR - SEE DETAIL (A9.3) (R08) (R09)
 [5801] (E) EXPANSION JOINT ASSEMBLY

1. REFER TO ASBESTOS AND LEAD BASED PAINT SURVEY REPORT PREPARED BY KLEINFELDER DATED JULY 20, 2004 FOR SOLANO COMMUNITY COLLEGE.

2. ASBESTOS CONTAINING PRODUCTS ARE PRESENT IN THE EXISTING BUILDING CONSTRUCTION. MATERIALS WHICH CONTAIN ASBESTOS INCLUDE SHEETROCK WALL SYSTEMS, HARD-PACK THERMAL INSULATION IN CEILING AREAS, BLACK ROCK AND ROCKWOOL THERMAL INSULATION IN ROOF AREAS, AND PENETRATION MASTIC. AREAS ASSUMED TO CONTAIN ASBESTOS BUT NOT TESTED INCLUDE: 1950S

3. IF ADDITIONAL SUSPECT MATERIALS ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE FOR INSTRUCTIONS PRIOR TO PROCEEDING WITH ADDITIONAL WORK. THE CONTRACTOR SHALL IMMEDIATELY POST SIGNAGE TO PREPARE THE PUBLIC TO AVOID THE HAZARDOUS HEALTH AND SAFETY OF ALL WORKERS, THE STAFF AND THE PUBLIC. SEE SPECIFICATION SECTION 02198 FOR ADDITIONAL INFORMATION.

$$1/8'' = 1'-0''$$

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**SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1**

PARTIAL ROOF PLAN

A4745.01
AS NOTED
09 DECEMBER 200

A2.2

1. REMOVE ALL ROOFING MATERIAL TO EXPOSE ROOF SHEATHING. REPLACE ANY DAMAGED ROOF SHEATHING.
2. CONTRACTOR TO EXAMINE EXISTING SUBSTRATE AND REPORT ANY AND ALL DEFECTIVE CONSTRUCTION.
3. REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR EXTENT OF DEMOLITION WORK.
4. FOR FLASHING AT ALL (E) AND (N) CIRCULAR ROOF PENETRATIONS - SEE DETAIL
5. FOR FLASHING AT ALL (E) AND (N) RECTANGULAR ROOF PENETRATIONS SEE DETAILS
6. FOR PATCHING OPENINGS IN ROOF SHEATHING AFTER DEMOLITION - SEE STRUCTURAL DETAIL

- 0001 DEMO EXHAUST FAN AND CURB
- 0002 DEMO GRAVITY VENT AND CURB
- 0003 DEMO ROOF VENT AND FLASHING
- 0004 DEMO FLUE AND FLASHING
- 0005 DEMO BUILT-UP ROOF
- 0006 DEMO ROOF HATCH, RAISE CURB FOR CRICKET
- 0007 DEMO EXPANSION JOINT COVER AND FLASHING CURB TO REMAIN INTACT
- 0008 DEMO ENTIRE MECHANICAL EQUIPMENT SCREEN INCLUDING CEMENT PLASTER, TILE ROOF, FRAM CURBS, FLASHING, BLOCKING.
- 0009 DEMO MECHANICAL EQUIPMENT - SEE MECHANICAL SHEET M1.02.
- 0010 REPLACE MECHANICAL EQUIPMENT - SEE ROOF PLAN

5504 (E) MECHANICAL ROOF SCREEN TO REMAIN
5801 (E) EXPANSION JOINT ASSEMBLY
5802 (N) EXPANSION JOINT COVER AND FLASHING
SEE DETAIL R13
A2.24

61304 (E) WARPED ROOF

7301 (E) ROOF TILES

7511 (N) TYPICAL UP ROOFING – BUILT-UP

7512 (N) TAPERED INSULATION CRICKET – TYP. SLOPE 1/8" PER FOOT MIN.

7513 (N) ROOF WALKWAY PROTECTION BOARDS

7830 (N) ROOF HATCH AND FLASHING – SEE A10 A9.3

5450 (E) ROOF DRAIN

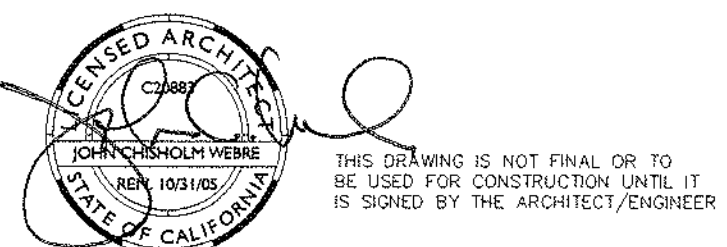
5800 (N) EXHAUST FAN AND FLASHING ON RAISED SEE SHEET M2.02 AND DETAIL A12 A9.3

5802 (E) GRAVITY VENT AND FLASHING ON RAISED CURB – SEE SHEET M2.02 AND DETAIL A12 A9.3

5803 (E) MECHANICAL EQUIPMENT TO REMAIN

5804 (E) PIPE PENETRATION, SEE DETAIL A11 A9.3

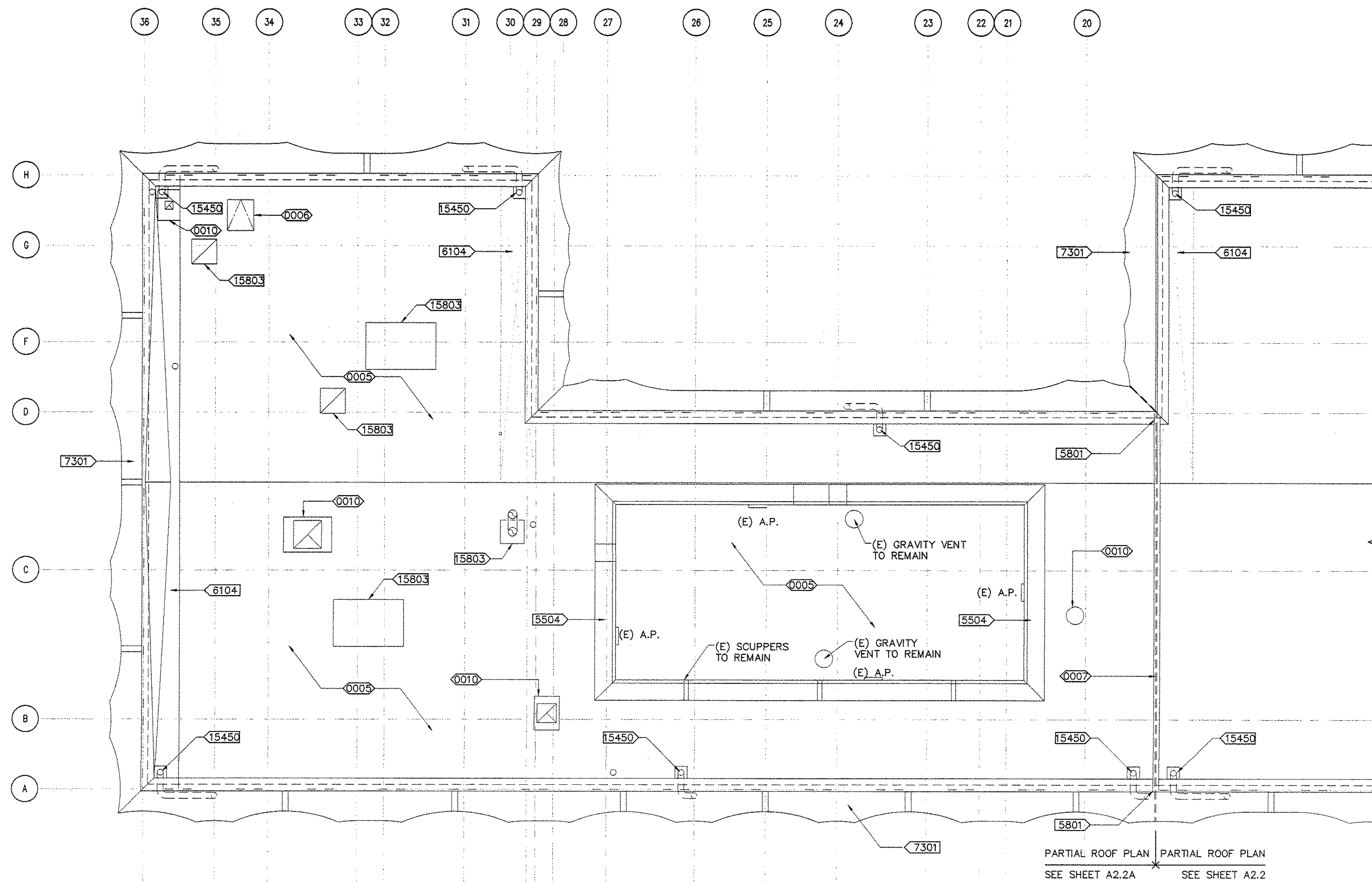
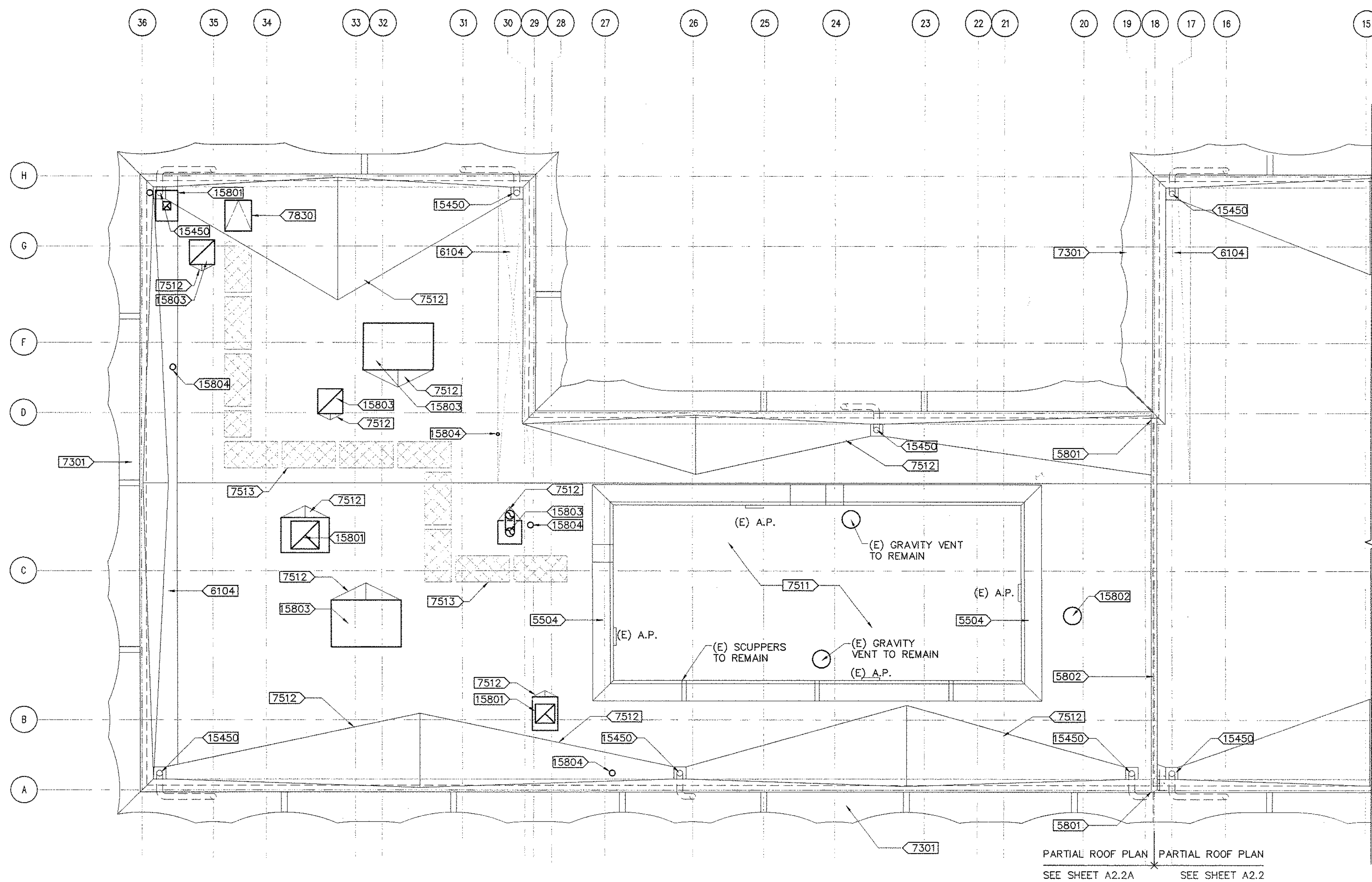
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A# 02-106610 *page #1*
DATE *12/9/2004*



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PARTIAL ROOF PLAN

A2.2A


$$1/8'' \text{ at } 1'-0''$$

$$1/8" \approx 1'-0"$$

CONTRACTOR IS ADVISED TO USE EXTREME CAUTION WHEN REMOVING ROOF STRUCTURES AND MECHANICAL EQUIPMENT TO PREVENT CARRIAGE BOLTS FROM DROPPING INTO SPACE BELOW AND CAUSING SERIOUS HARM OR INJURY.

1. REFER TO ASBESTOS AND LEAD BASED PLAN SURVEY REPORT PREPARED BY KLEINFELDER DATED JULY 20, 2004 FOR SOLANO COMMUNITY COLLEGE.
2. ASBESTOS CONTAINING PRODUCTS ARE PRESENT IN THE EXISTING BUILDING CONSTRUCTION. MATERIALS WHICH CONTAIN ASBESTOS INCLUDE SHEETROCK WALL SYSTEM BOARD-ROOFING INSULATION, INSULATION, BLACK ROLLED ROOFING MATERIAL LOCATED IN THE PARAPETS AND PENETRATION MASTIC. AREAS ASSUMED TO CONTAIN ASBESTOS BUT NOT TESTED INCLUDE ROOM 1855E.
3. IF ADDITIONAL SUSPECT MATERIALS ARE FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER'S REPRESENTATIVE FOR INSTRUCTIONS PRIOR TO PROCEEDING WITH ANY WORK. THE CONTRACTOR SHALL FOLLOW ALL OSHA REGULATIONS AND TAKE PRECAUTIONS NECESSARY TO ENSURE THE HEALTH AND SAFETY OF ALL WORKERS, THE STUDENTS AND THE PUBLIC. SEE SPECIFICATION SECTION 02198 FOR ADDITIONAL INFORMATION.

REV.	ROOM	FLOOR FINISH	WALL BASE	WALLS	CEILING	MISC.	NOTES
NUMBER	NAME	CARPET NCT TILE CONCRETE OTHER	RUBBER TILE TERRAZZO OTHER	NORTH GYPSUM BOARD CERAMIC TILE OTHER EAST GYPSUM BOARD CERAMIC TILE OTHER SOUTH GYPSUM BOARD CERAMIC TILE OTHER WEST GYPSUM BOARD CERAMIC TILE OTHER ACOUSTICAL GYPSUM BOARD OTHER CABINETS COUNTERTOPS OTHER			
FIRST FLOOR							
1854	(E) AUTO MECHANICS		E1		P2		
1854D	(E) STORAGE				P2	P1	
1854E	(E) INSTRUMENT ROOM				P2	P1	
1855	(E) AUTO PAINT & BODY						
1855C	(E) TOOL ROOM					P1	
1855D	(E) OFFICE					P1	
1856C	OFFICE	C1	B1	P2	P2	P1	
1856D	(E) OFFICE			P4	P2	P1	
1860	COMPUTER LAB		B1	P3	P3	A1	
1861	COMPUTER LAB	V1	B1	P3	5.6		
1862	COMMON OFFICE	C1	B1	P2	P2	A1	
1863	COMMON OFFICE	C1	B1	P2	P2	P1	
1864	JANITOR	V1	B1	P2	P2	P1	
1865	(E) MECHANICAL ROOM						
1866	ELECTRICAL		E1	P2	P2	P2	OA
1867	HALL	C1	B1	P2	P2	P2	A1
1868	OFFICE	C1	B1	P2	P4	P2	A1
1869	OFFICE		B1	P2	P4	P2	A1
1870	OFFICE		B1	P2	P4	P2	A1
1871	OFFICE	C1	B1	P4	P2	P2	A1
1872	OFFICE		B1	P2	P2	P4	P2
1873	VESTIBULE			P2	P2	P4	P2
1874	HALL	V+	B1	6.2	P6	P2	A1 PT
1875	HALL	V+	B1	P6	6.2	P2	A1 PT
1876	CLASSROOM	C1	B1	5.2	P2	5.2	A1 PT
1877	CLASSROOM	C1	B1	P3	5.6	P3	5.6
1878	CLASSROOM	C1	B1	P3	5.6	P3	5.6
1879	CLASSROOM	C1	B1	P3	P3	5.6	5.6
1880	LAB	V1	B1	P3	P3	5.6	5.6
1881	LAB	V1	B1	5.6	P1	P3	5.6
1882	TELECOM	V1	B1	P2	P2	P2	P2
Mezzanine Level							
1883	MECHANICAL ROOM		B1		P1		OA

REV.	MARK	DOOR	FRAME	DETAILS	LABEL	HG	REMARKS												
		NOMINAL SIZE	THICKNESS	TYPE	MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB	HINCE	JAMB	STROKE	SILL	FIRE RATING	HARDWARE		
GROUND FLOOR																			
	1854A	6'-0" x 7'-0"	1 3/4"	-	-	repaint	-	-	repaint	-	-	-	-	-	-	D7		109	existing door to remain, new threshold
	1854D	3'-0" x 7'-0"	1 3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-		101	existing door to remain
	1854E	3'-0" x 7'-0"	1 3/4"	F	steel	paint	1	steel	paint	E1	E1	E1	E1	E1	E1	-		101	
	1855	3'-0" x 7'-0"	1 3/4"	-	-	repaint	-	-	repaint	-	-	-	-	-	-	D7		109	existing door to remain, new threshold
	1855A	3'-0" x 7'-0"	1 3/4"	-	-	repaint	-	-	repaint	-	-	-	-	-	-	D7		109	existing door to remain, new threshold
	1855B	3'-0" x 7'-0"	1 3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-		108	existing door to remain
	1855C	3'-0" x 7'-0"	1 3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-		108	existing door to remain
	1855D	3'-0" x 7'-0"	1 3/4"	-	-	-	-	-	-	-	-	-	-	-	-	-		109	existing door to remain
	1856C	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E2	E2	E2	E2	E2	E2	-		102	
	1856D	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E2	E2	E2	E2	E2	E2	-		102	
	1860	3'-0" x 7'-0"	1 3/4"	F	alum.	prefin	-	alum.	prefin	D1	D2	D3	D4	D4	D4	-		3	exterior door in alum. frame
	1861	3'-0" x 7'-0"	1 3/4"	F	steel	paint	1	steel	paint	D5	D6	D6	D7	D7	D7	-		4	exterior door
	1863	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E2	E2	E2	E2	E2	E2	-		102	
	1864	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E3	E3	E3	E3	E3	E3	-		105	under cut bottom of door by 1/2"
	1865	3'-0" x 7'-0"	1 3/4"	-	-	repaint	-	-	repaint	-	-	-	-	-	-	-		108	existing door to remain
	1866	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E6	E6	E6	E6	E6	E6	-		104	under cut bottom of door by 1/2"
	1867	3'-0" x 7'-0"	1 3/4"	N	sc wd	prefin	1	steel	paint	E5	E5	E5	E5	E5	E5	-		103	
	1868	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E7	E7	E7	E7	E7	E7	-		101	
	1869	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E7	E7	E7	E7	E7	E7	-		101	
	1870	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E7	E7	E7	E7	E7	E7	-		101	
	1871	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E4	E4	E4	E5	E5	E5	-		102	
	1872	3'-0" x 7'-0"	1 3/4"	F	sc wd	prefin	1	steel	paint	E4	E4	E4	E4	E4	E4	-		102	
	1873	3'-0" x 7'-0"	1 3/4"	SF	alum	prefin	3	alum	prefin	D1	D3	D2	D7	D7	D7	-		1	exterior storefront door
	1875	3'-0" x 7'-0"	1 3/4"	SF	alum	prefin	4	alum	prefin	D1	F11	D3	D8	D8	D8	-		1	exterior storefront door
	1876	3'-0" x 7'-0"	1 3/4"	N	sc wd	prefin	1	steel	paint	E5	E5	E5	E5	E5	E5	-		100	
	1877	3'-0" x 7'-0"	1 3/4"	N	sc wd	prefin	1	steel	paint	E5	E5	E5	E5	E5	E5	-		100	
	1878	3'-0" x 7'-0"	1 3/4"	N	sc wd	prefin	1	steel	paint	E5	E5	E5	E5	E5	E5	-		100	
	1879																		

TYPE F
FLUSH DOOR

TYPE N
FLUSH DOOR

TYPE DF
FLUSH DOUBLE DOOR

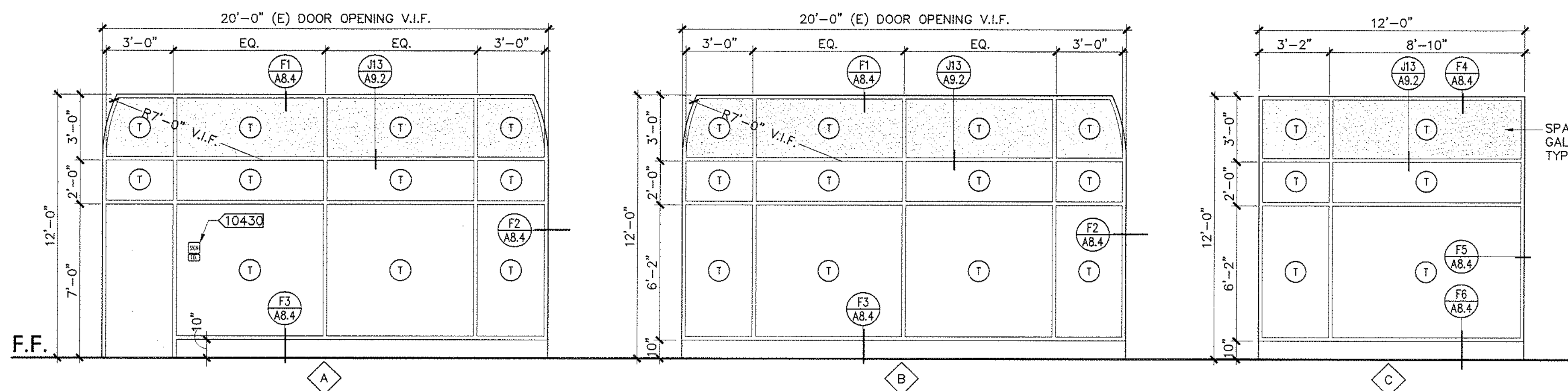
TYPE SF
STORE FRONT DOOR

DOOR TYPES

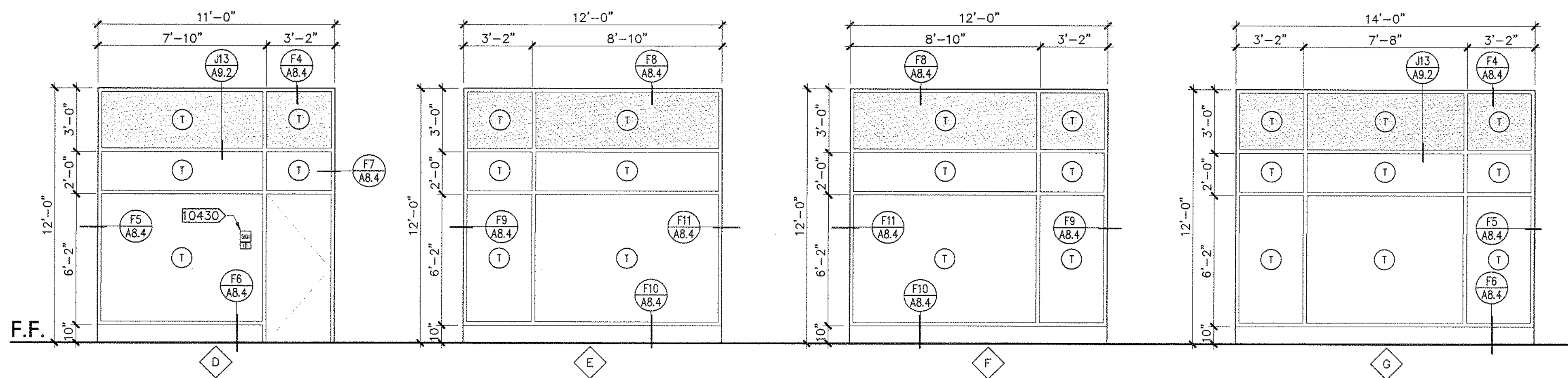
T = TEMPERED GLASS

1/4" = 1'-0"

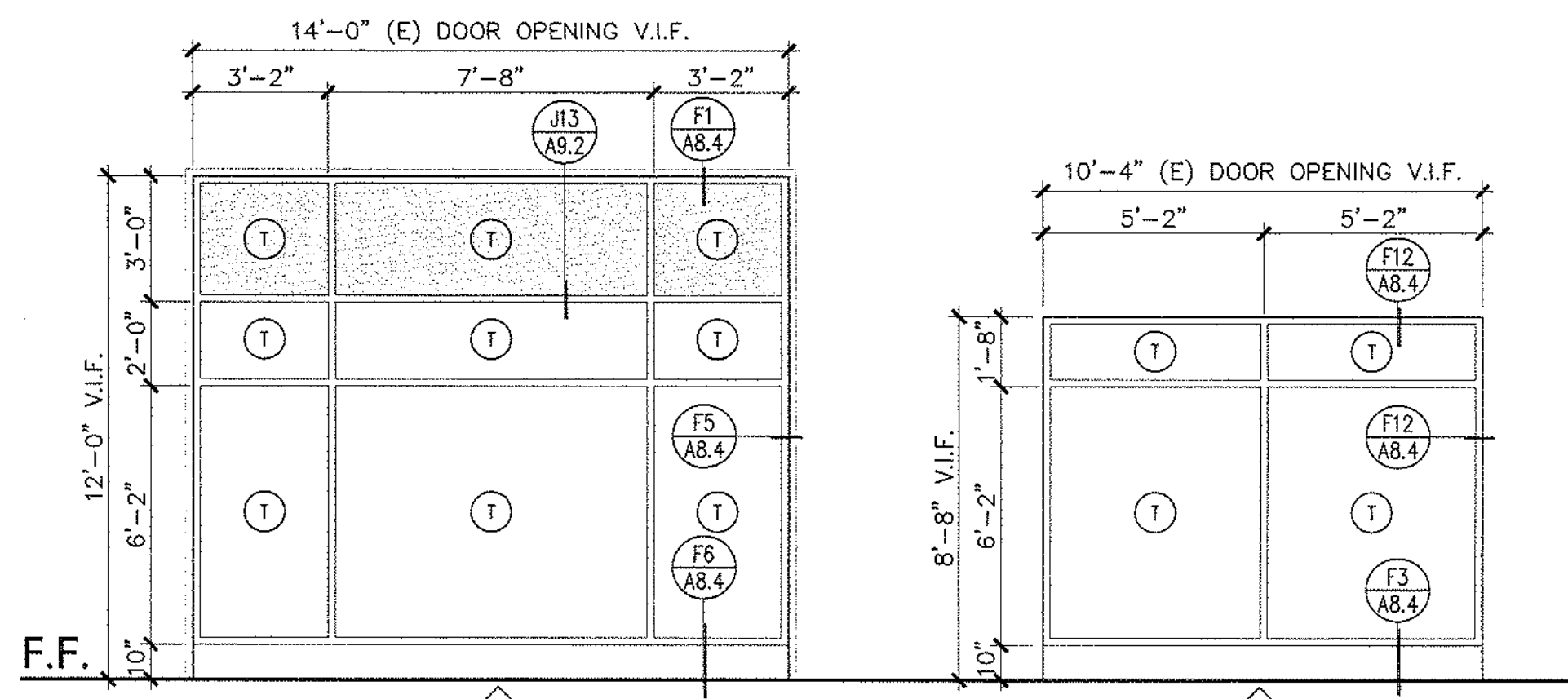
2 FRAME TYPES (T) = TEMPERED GLASS
1/4" = 1'-0"



3 WINDOW TYPES ① = TEMPERED GLASS
1/4" = 1'-0"



3 WINDOW TYPES ① = TEMPERED GLASS
1/4" = 1'-0"



3 WINDOW TYPES 1 = TEMPERED GLASS 1/4" = 1'-0"

4 SIGNAGE MOUNTING LOCATIONS

FLOOR FINISH LEGEND:

- VINYL COMPOSITION TILE (VCT1)
- VINYL COMPOSITION TILE (VCT2)
- VINYL COMPOSITION TILE (VCT3)
- 36" CARPET TILE (C1)
- 18" CARPET TILE (C1)
- CONCRETE (E1)

PAINT FINISH LEGEND:

- P1 FRAZEE PAINT, WHITE, 001 OR APPROVED EQUAL
- P2 BENJAMIN MOORE, EASTER LILY, 2150-70 OR APPROVED EQUAL
- P3 BENJAMIN MOORE, PALE CELERY, 2150-60 OR APPROVED EQUAL
- P4 BENJAMIN MOORE, BRONZED BEIGE, 2151-50 OR APPROVED EQUAL
- P5 BENJAMIN MOORE, BRONZED BEIGE, 2151-50 OR APPROVED EQUAL
- P6 BENJAMIN MOORE, BRONZED BEIGE, 2151-50 OR APPROVED EQUAL
- P7 BENJAMIN MOORE, BRONZED BEIGE, 2151-50 OR APPROVED EQUAL

FURNITURE NOTE:

ALL FURNITURE ARE FREE STANDING AND UNBOLTED TO THE FLOOR.

1 FIRST FLOOR FURNITURE LAYOUT PLAN (FOR REFERENCE ONLY)

1/8" = 1'-0"

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OFFICE OF REGULATION SERVICES
A# 02-106610
APPROVED FOR CONSTRUCTION
DATE 12/19/2004



THIS DRAWING IS NOT FINAL OR TO BE USED FOR CONSTRUCTION UNTIL IT IS SIGNED BY THE ARCHITECT/ENGINEER

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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

FURNITURE LAYOUT PLAN
AND FINISH PLAN

A4745.01

1/8" = 1'-0"

09 DECEMBER 2004

A2.4

0031 (E) EQUIPMENT SCREEN TO BE REMOVE
PATCH OPENING ON ROOF PLYWOOD
SHEATHING. SEE STRUCTURAL

5502 (N) MECHANICAL ROOF SCREEN,
SEE DETAIL

7301 (E) ROOF TILES

8501 (N) ALUMINUM STOREFRONT WINDOW SYST
WITHIN EXISTING DOOR OPENING

8502 (N) ALUMINUM STOREFRONT WINDOW SYSTEM
WITHIN (N) WALL OPENING

8503 SPANDREL GLAZING

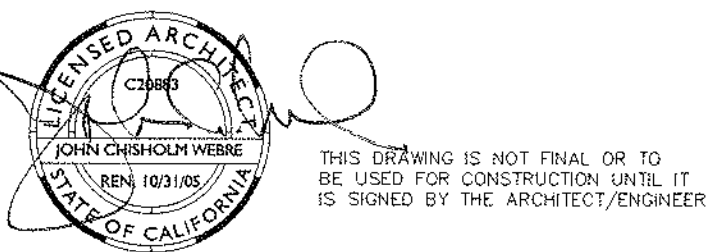
[9902] > REPAINT THE HATCH AREA TO MATCH (F)

SEE P7 ON FINISH SCHEDULE LEGEND

10430 BUILDING ENTRANCE SIGNAGE,
SEE DETAIL

10431 DIRECTIONAL ACCESSIBILITY SIGNAGE,
SEE DETAIL 16

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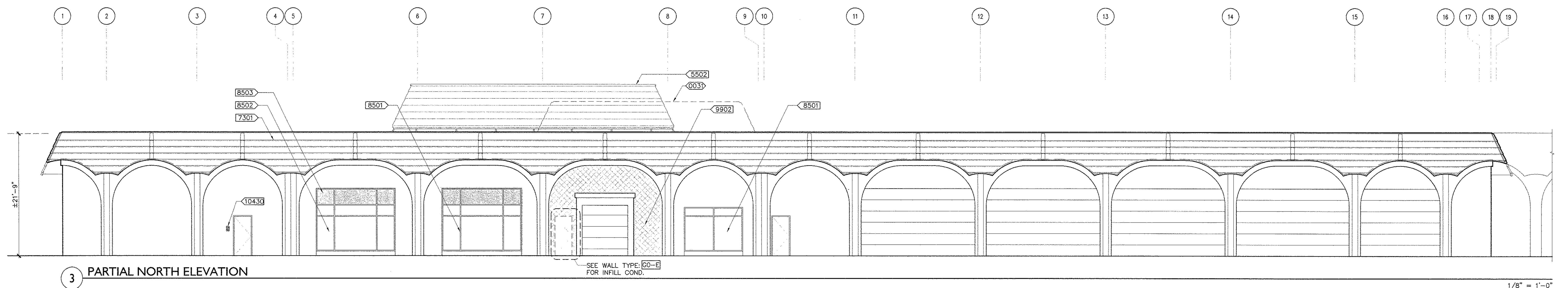
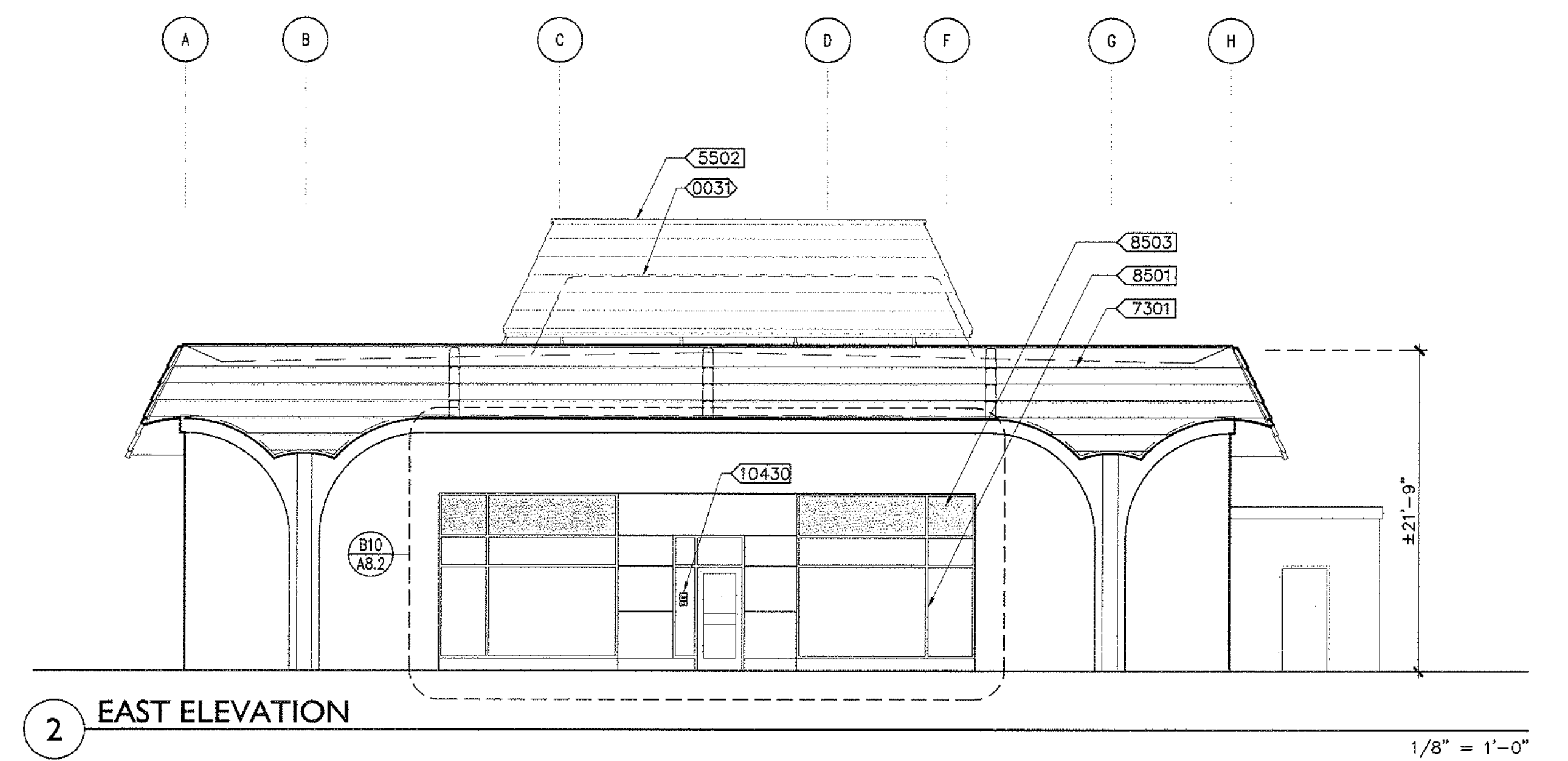
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

EXTERIOR ELEVATIONS

A4745.01
AS NOTED
09 DECEMBER 2004

A3.1



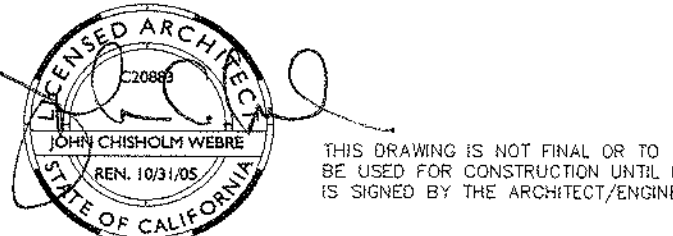
KEYNOTES

- 3302 (E) CONC. SLAB
3303 (E) 6" CONC. CURB TO REMAIN
5502 (N) MECHANICAL ROOF SCREEN,
SEE DETAIL
5801 (N) EXPANSION JOINT ASSEMBLY,
SEE DETAIL
6101 (E) METAL-WEB WOOD JOISTS
6102 (E) WOOD FRAME WALL
6103 (E) WOOD FRAMED MEZZANINE TO REMAIN
7211 (N) R19 BATT INSULATION ABOVE
FINISH CEILING
8501 (N) ALUMINUM STOREFRONT WINDOW SYSTEM
WITHIN EXISTING DOOR OPENING
9101 DEMOUNTABLE WALL PARTITION SYSTEM
9201 (N) PARTITION WALL TO 6" ABOVE CEILING
9202 (N) HALLWAY CEILING
9203 (E) 2 HR. RATED WALL
9211 REPLACE (E) WALL FINISHES WITH 2 LAYERS
OF 5/8" GYPSUM BOARD ON EACH SIDE
(SEE UL ASSEMBLY U301)
9212 (N) PARTITION WALL TO UNDERSIDE OF ROOF
SHEATHING
9213 (E) WOOD FRAMED WALL TO REMAIN REPLACE
EXISTING WALL FINISH WITH 1 LAYER 5/8"
TYPE "X" WALLBOARD EACH SIDE
9214 (E) WOOD FRAME WALL TO REMAIN
9215 (N) SOFFIT W/ 5/8 GYPSUM WALL BOARD
9218 (N) BRACES, SEE STRUCTURAL
9501 (N) ACOUSTICAL TILE CEILING
16001 (N) LIGHT FIXTURE SEE ELECTRICAL PLANS
16002 (N) COVE LIGHT

DEMO NOTES:

- 0001 DEMO EXISTING PARTITION AND
MEZZANINE ABOVE SEE DEMO PLAN

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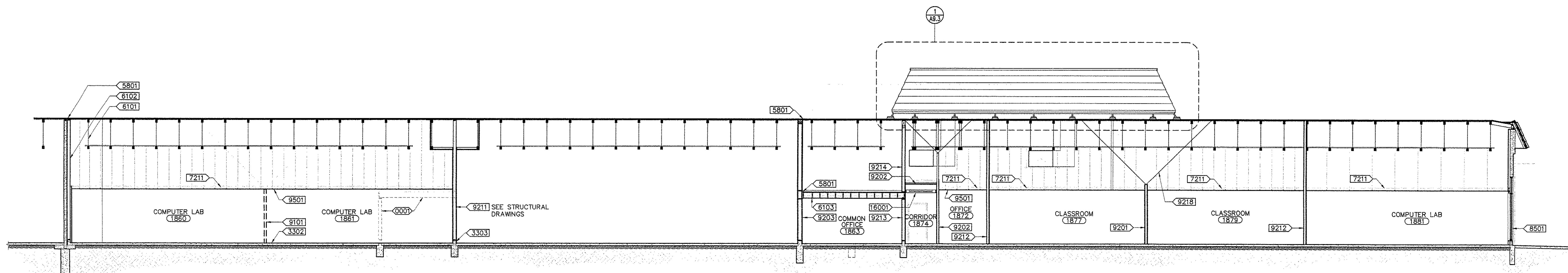
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

BUILDING SECTIONS

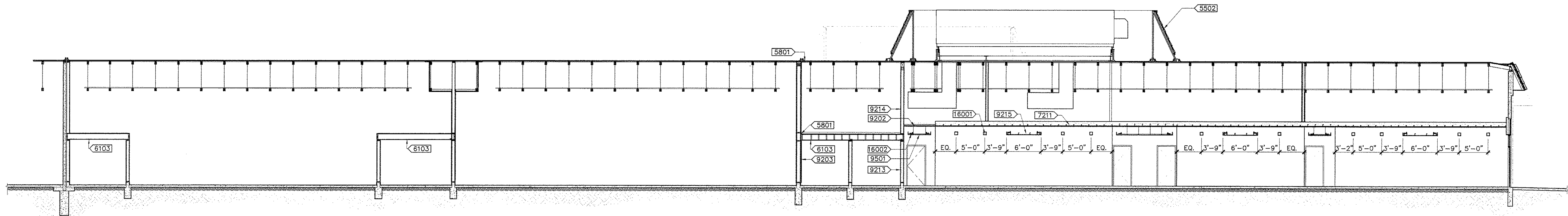
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09 DECEMBER 2004

A3.2



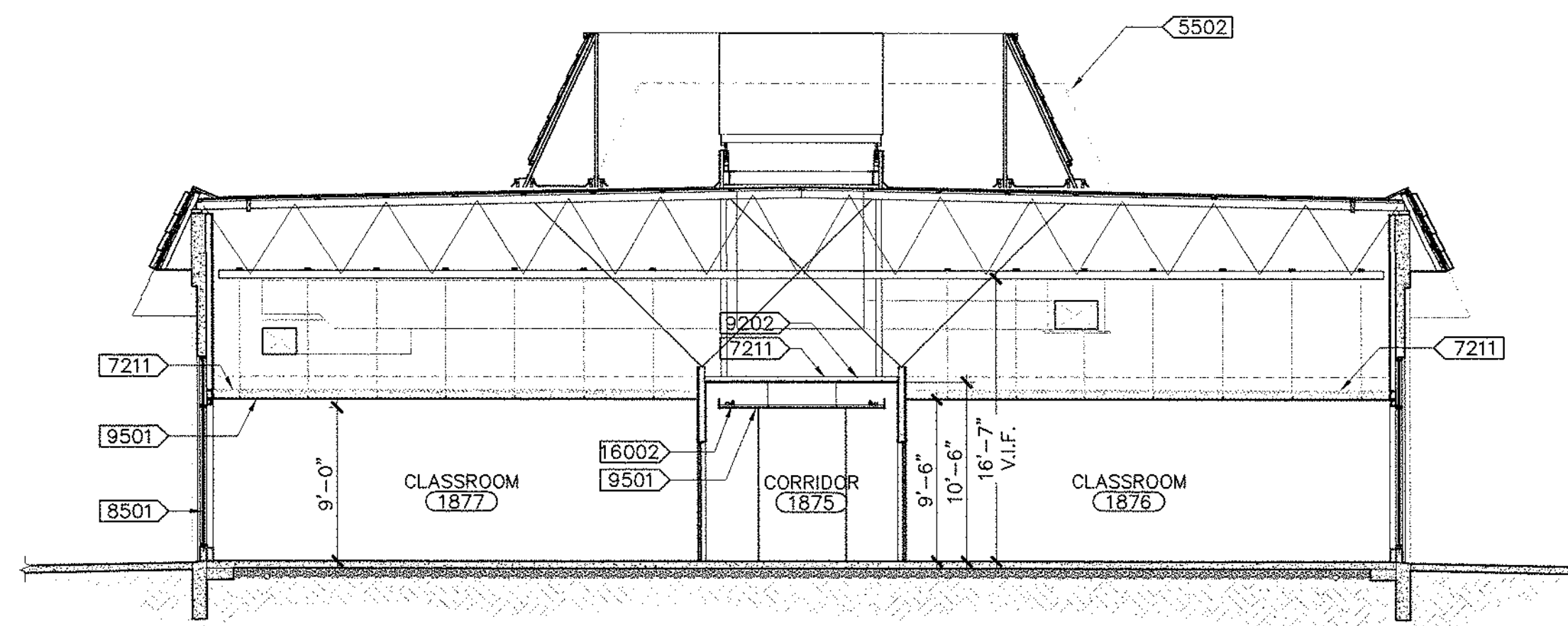
1 BUILDING SECTION

1/8" = 1'-0"



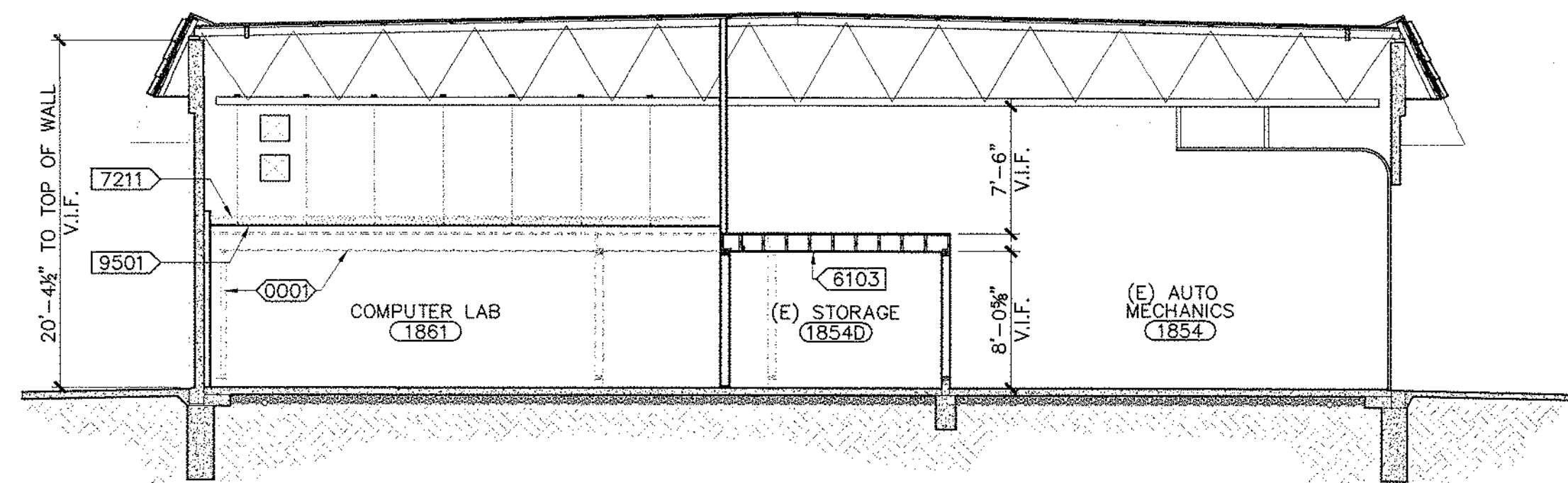
2 BUILDING SECTION

1/8" = 1'-0"



3 BUILDING SECTION

1/8" = 1'-0"



4 BUILDING SECTION

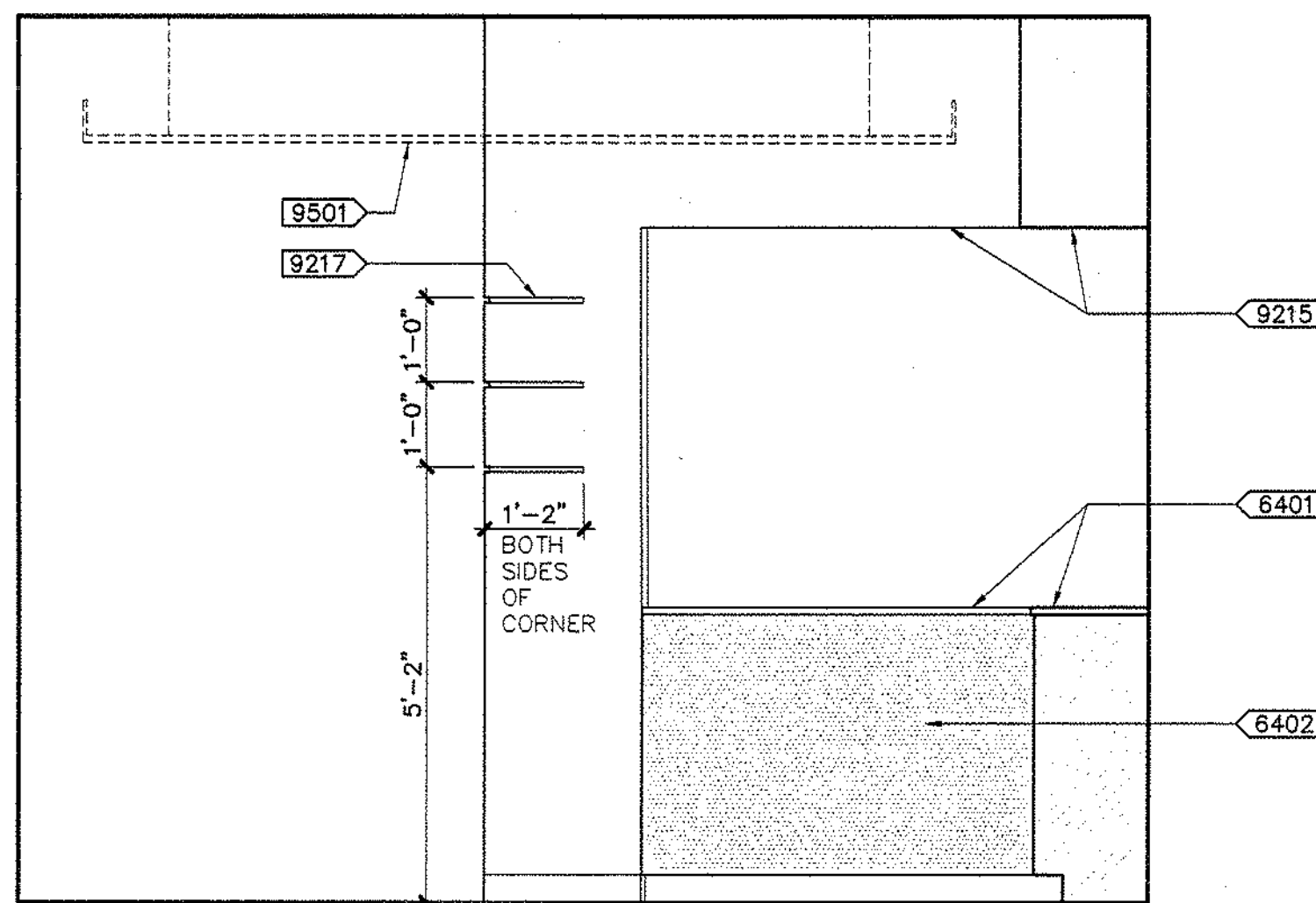
1/8" = 1'-0"

KEYNOTES:

- [6401] SOLID SURFACE COUNTERTOP, COLOR TO BE "SSI" SEE FINISH SCHEDULE LEGEND
[6402] PRE-LAMINATED CASEWORK, COLOR TO BE "PL1" SEE FINISH SCHEDULE LEGEND
[8502] (N) ALUMINUM STOREFRONT WINDOW SYSTEM WITHIN (N) WALL OPENING
[9215] (N) SOFFIT W/ 5/8 GYPSUM WALL BOARD
[9216] CEMENT PLASTER WITH SMOOTH FINISH AND ELASTOMERIC PAINT
[9217] 3/4" x 3/4" ALUMINUM PLASTER REVEAL (CLEAR ANODIZED FINISH)
[9501] (N) ACOUSTICAL TILE CEILING
[10430] BUILDING ENTRANCE SIGNAGE, SEE DETAIL [A7/A1.2]
[10440] ROOM I.D. SIGNAGE, SEE DETAIL [A21/A1.2]
[10441] EXIT SIGNAGE, SEE DETAIL [A8/A1.3]
[15401] (N) ACCESSIBLE HI-LOW DRINKING FOUNTAIN
[18001] (N) LIGHT FIXTURE SEE ELECTRICAL PLANS
[18002] (N) COVE LIGHT

WALL LEGEND:

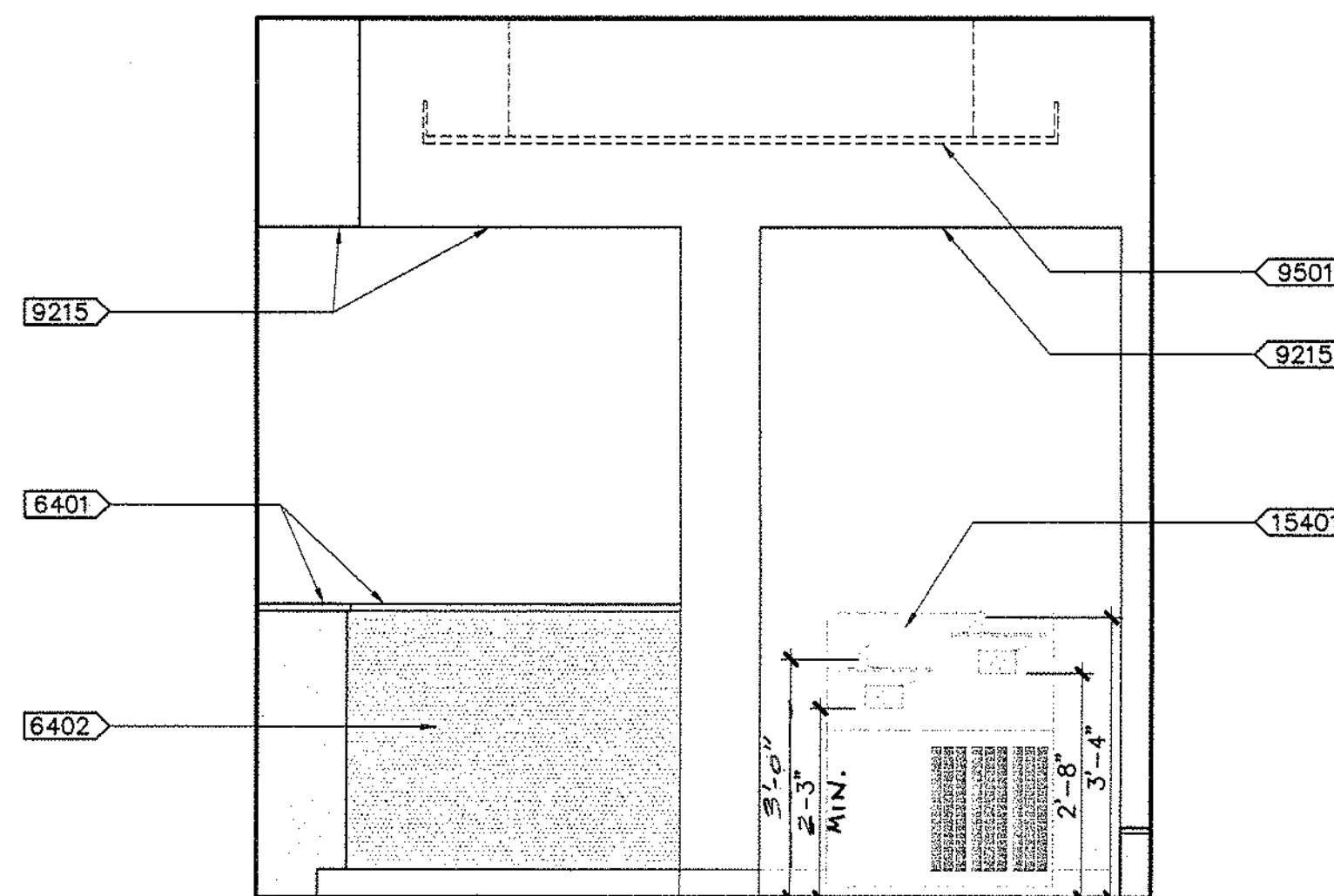
- [E] CONCRETE WALL (TO REMAIN)
[N] WOOD FRAME WALL, SEE WALL TYPES
[N] METAL STUD FRAME WALL OR FURRING, SEE WALL TYPES



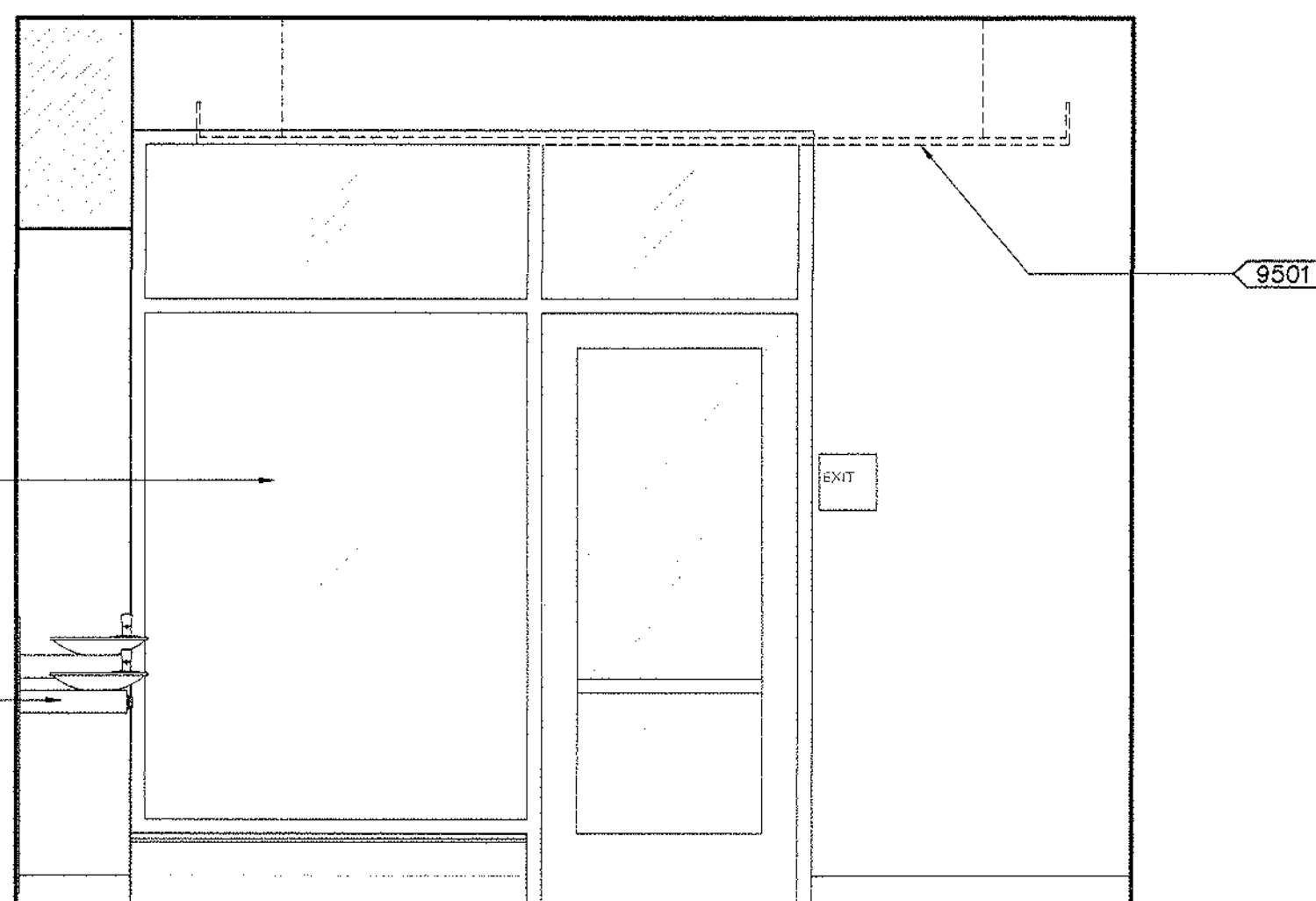
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3 INTERIOR ELEVATION

1/2" = 1'-0"



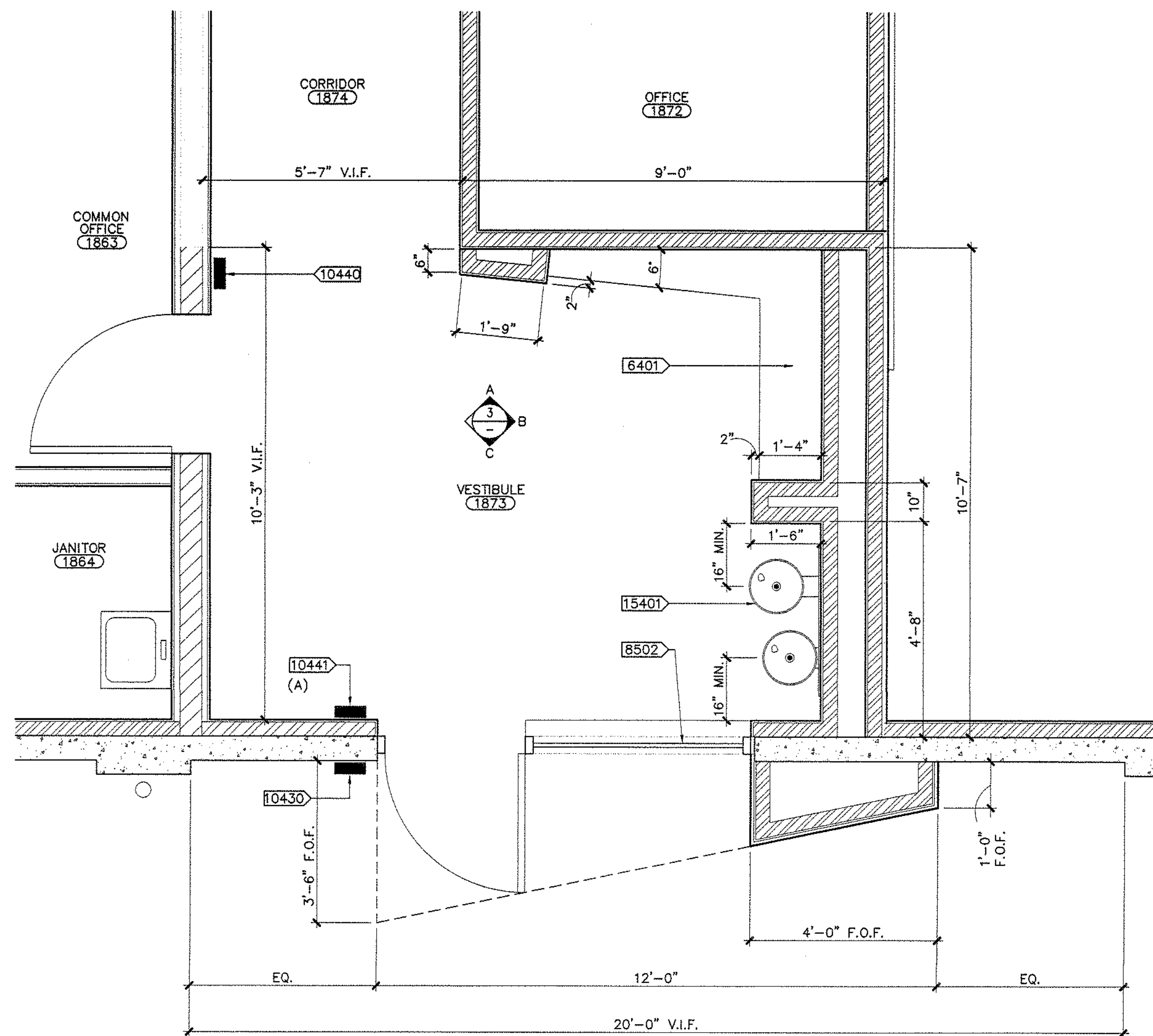
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C

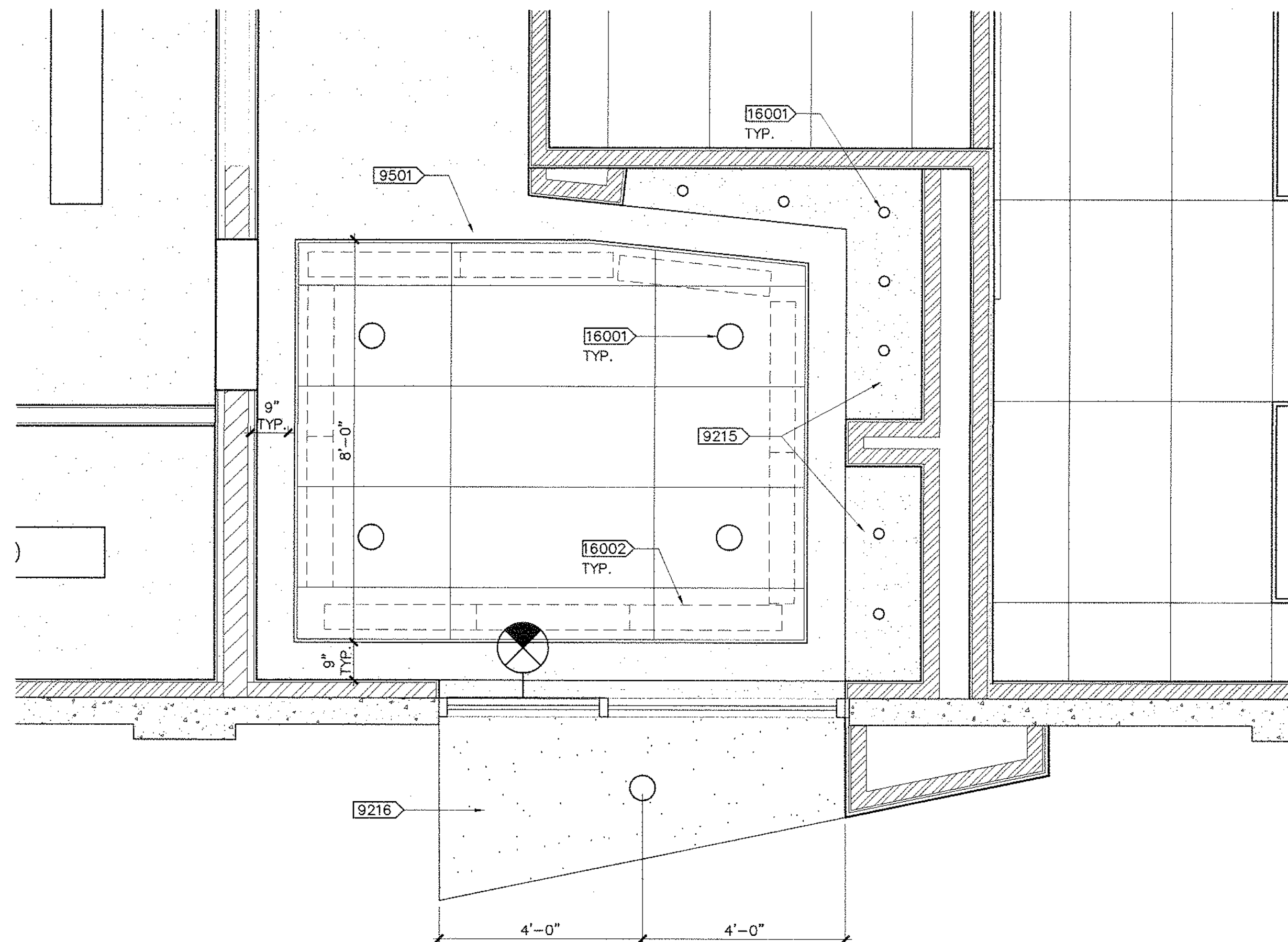
3 INTERIOR ELEVATION

1/2" = 1'-0"



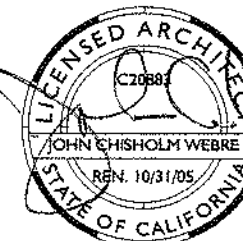
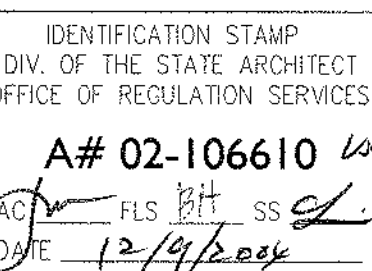
1 ENLARGED VESTIBULE PLAN

1/2" = 1'-0"



2 ENLARGED REFLECTED CEILING PLAN

1/2" = 1'-0"



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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

ENLARGED VESTIBULE PLAN/
AND INTERIOR ELEVATIONS

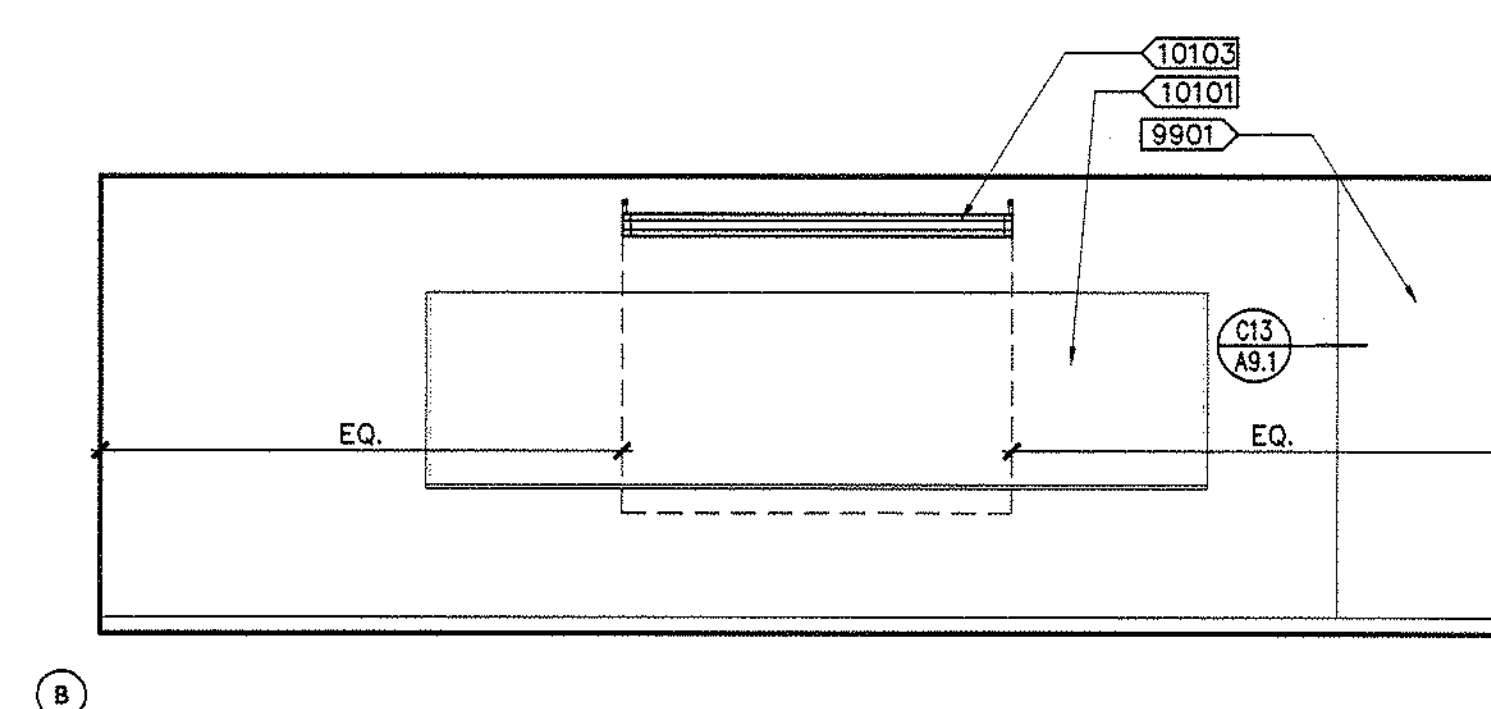
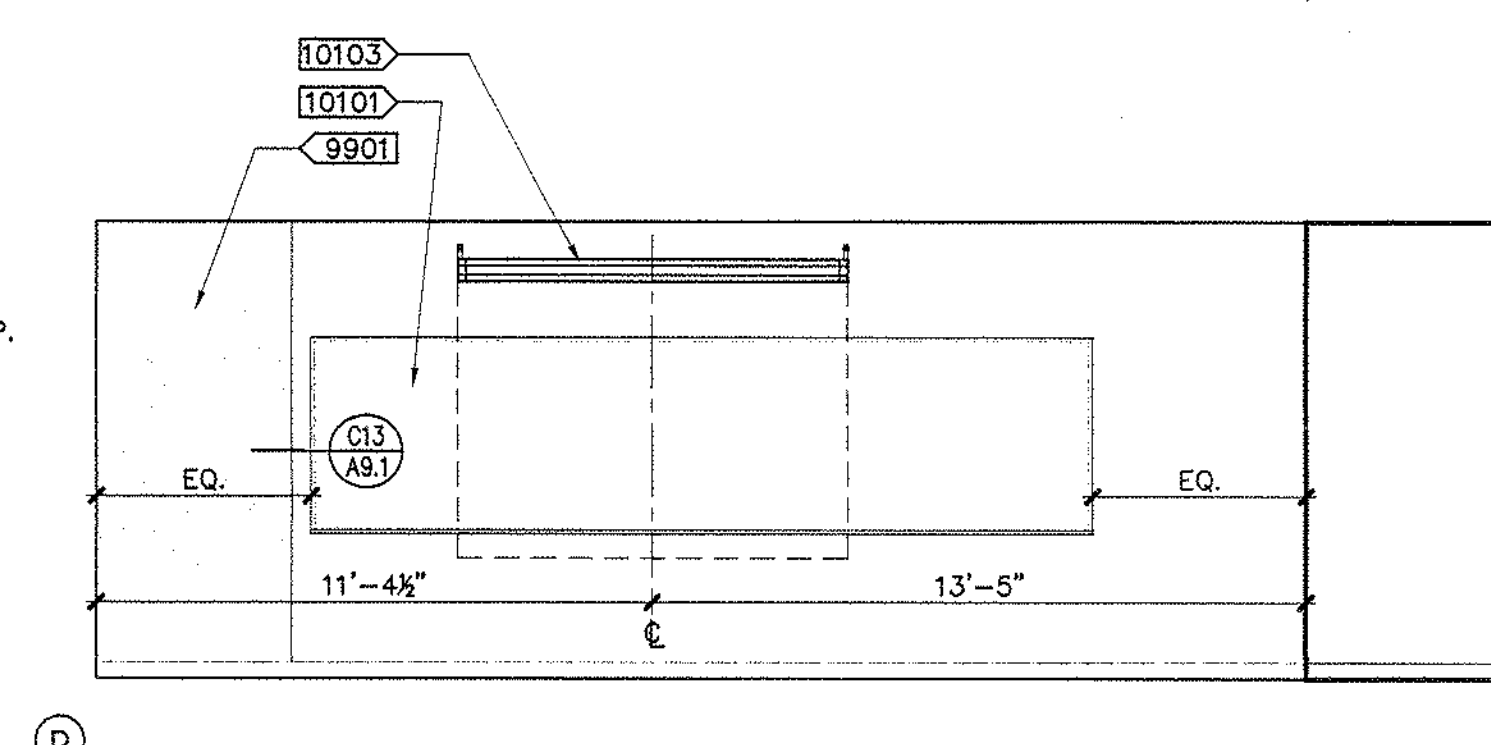
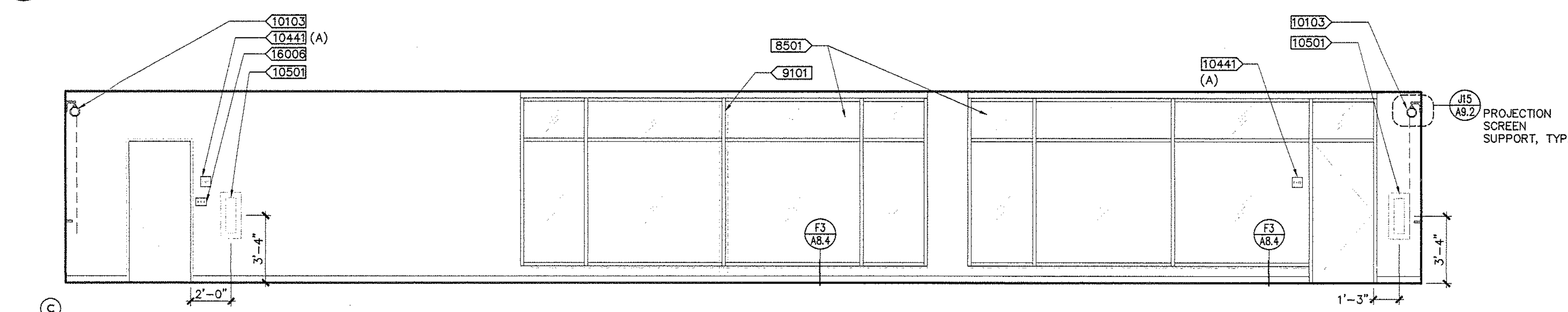


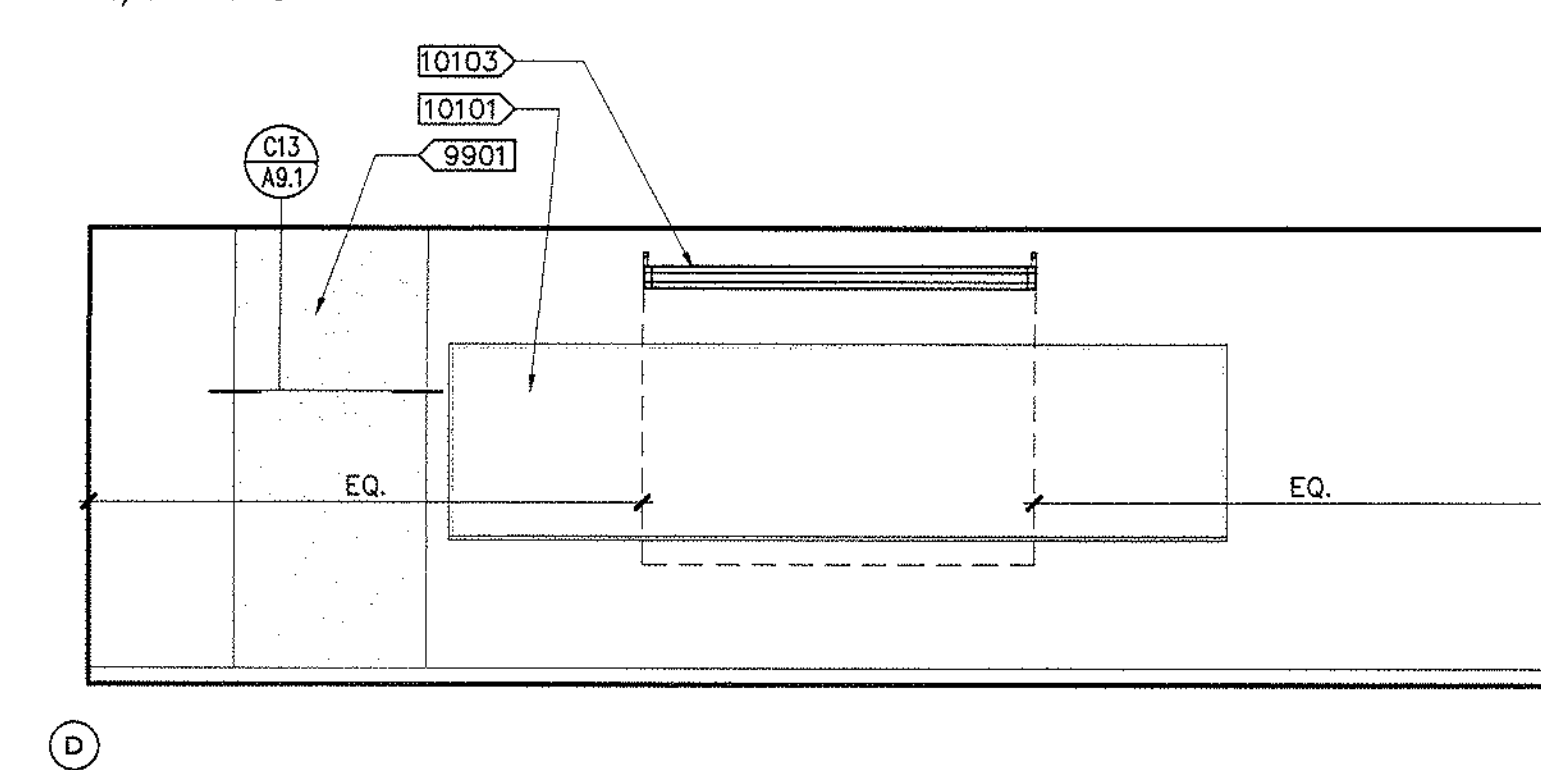
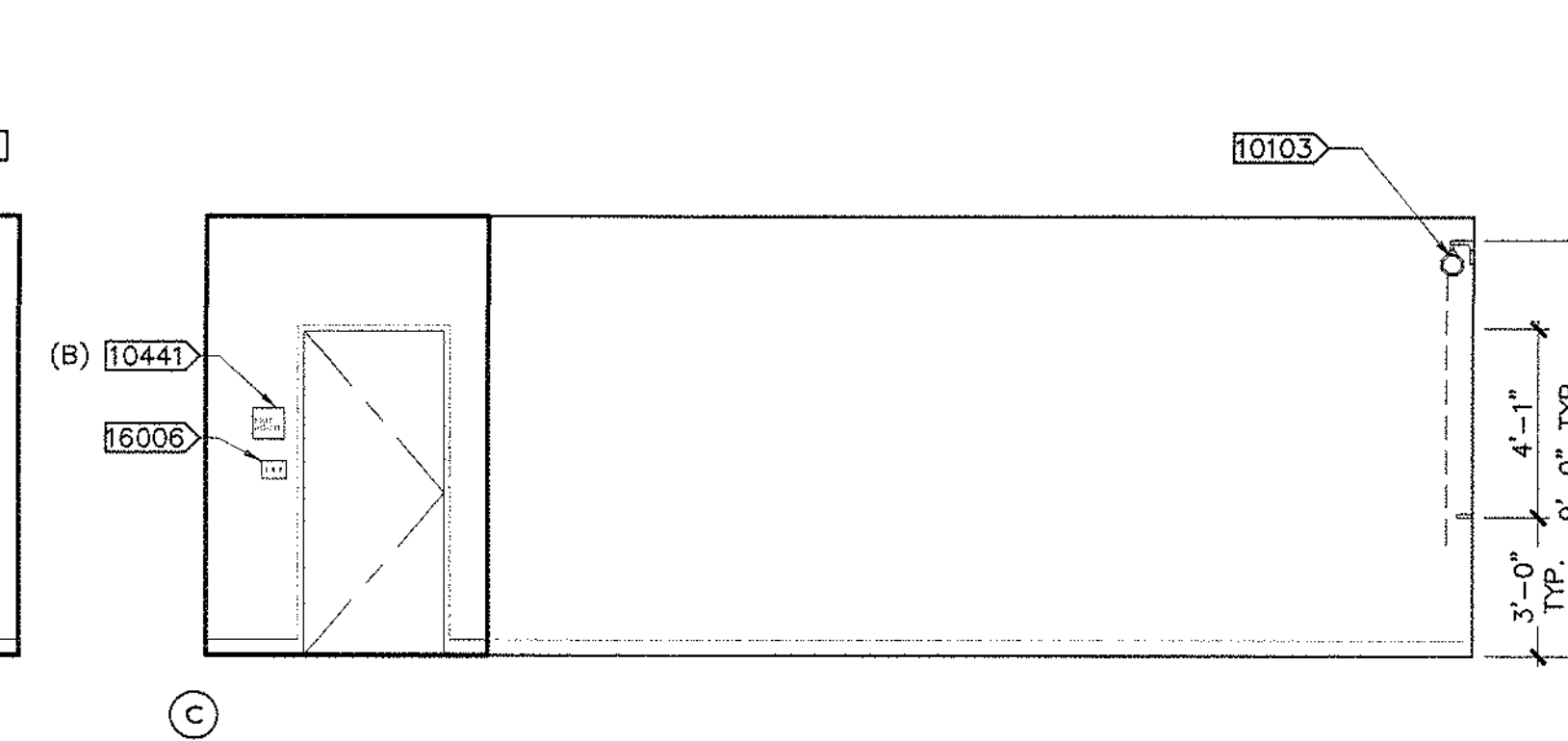
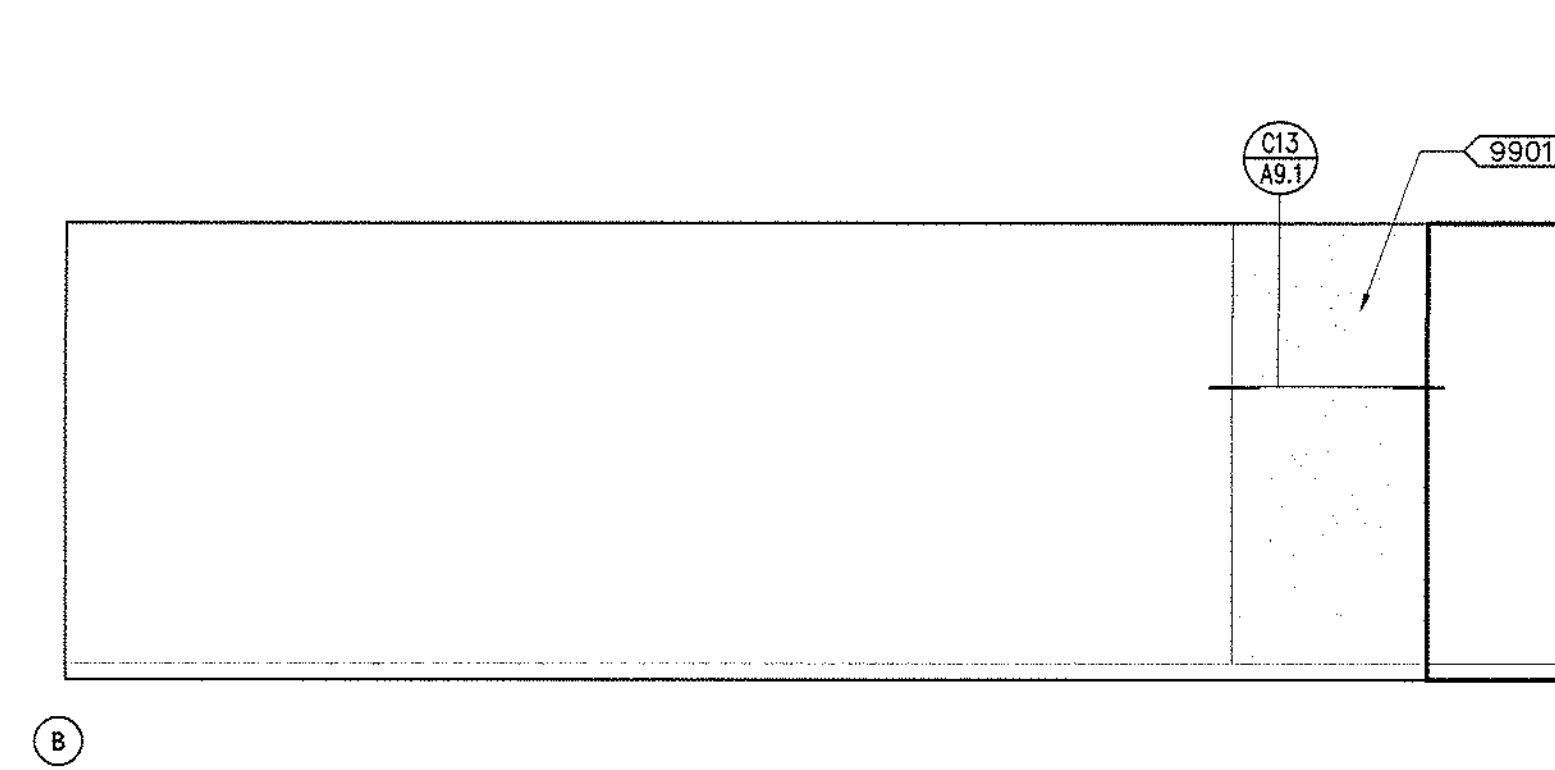
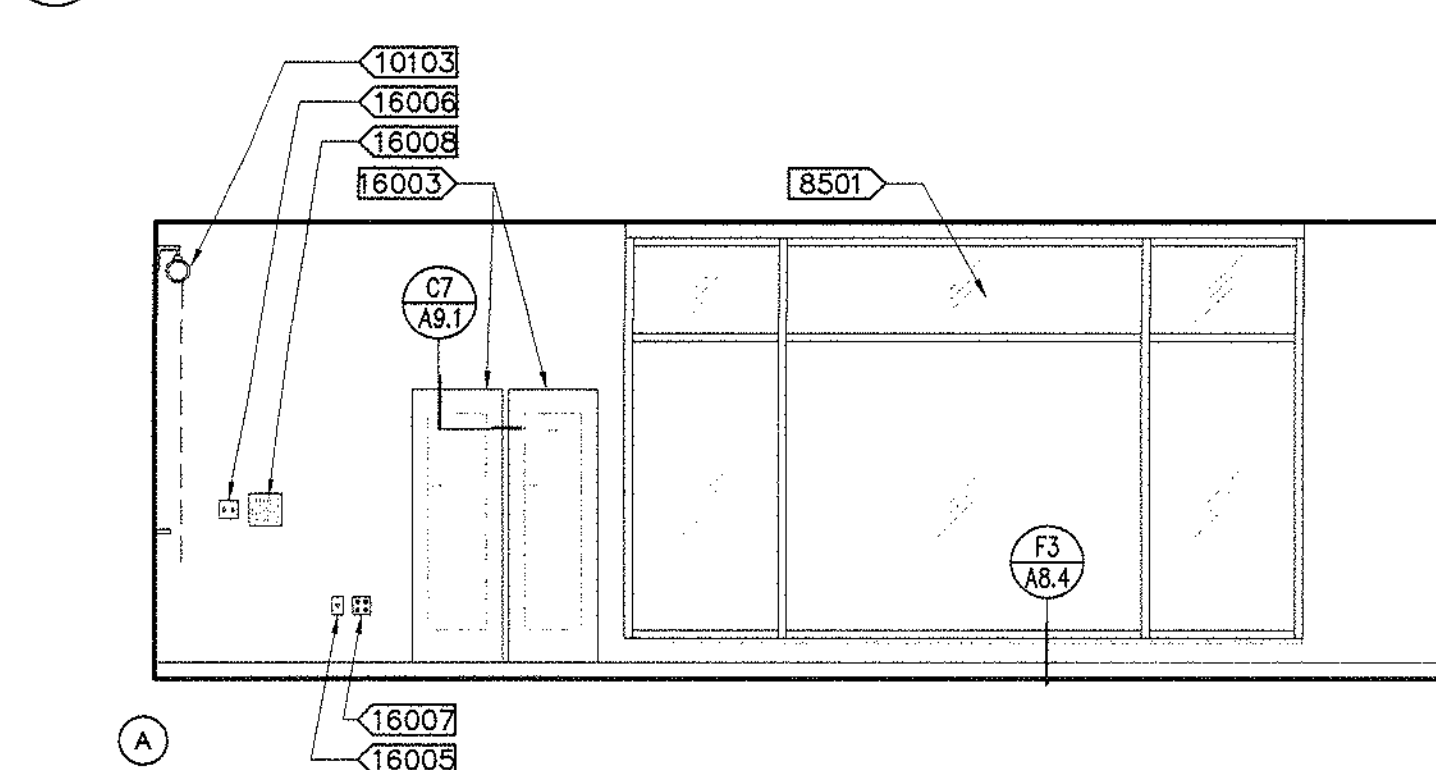
A4745.01
1/2" = 1'-0"
09 DECEMBER 2004

A4.1

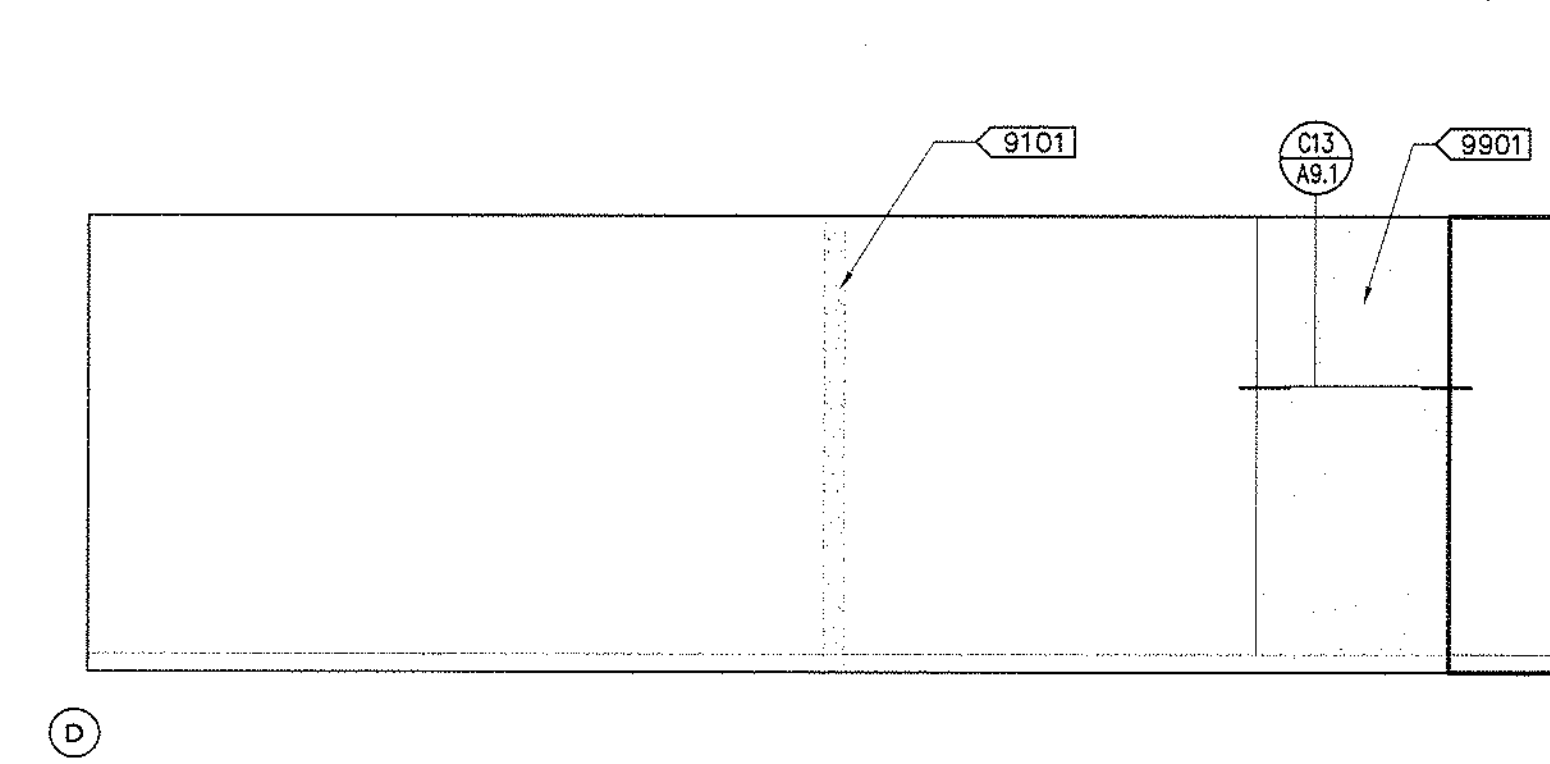
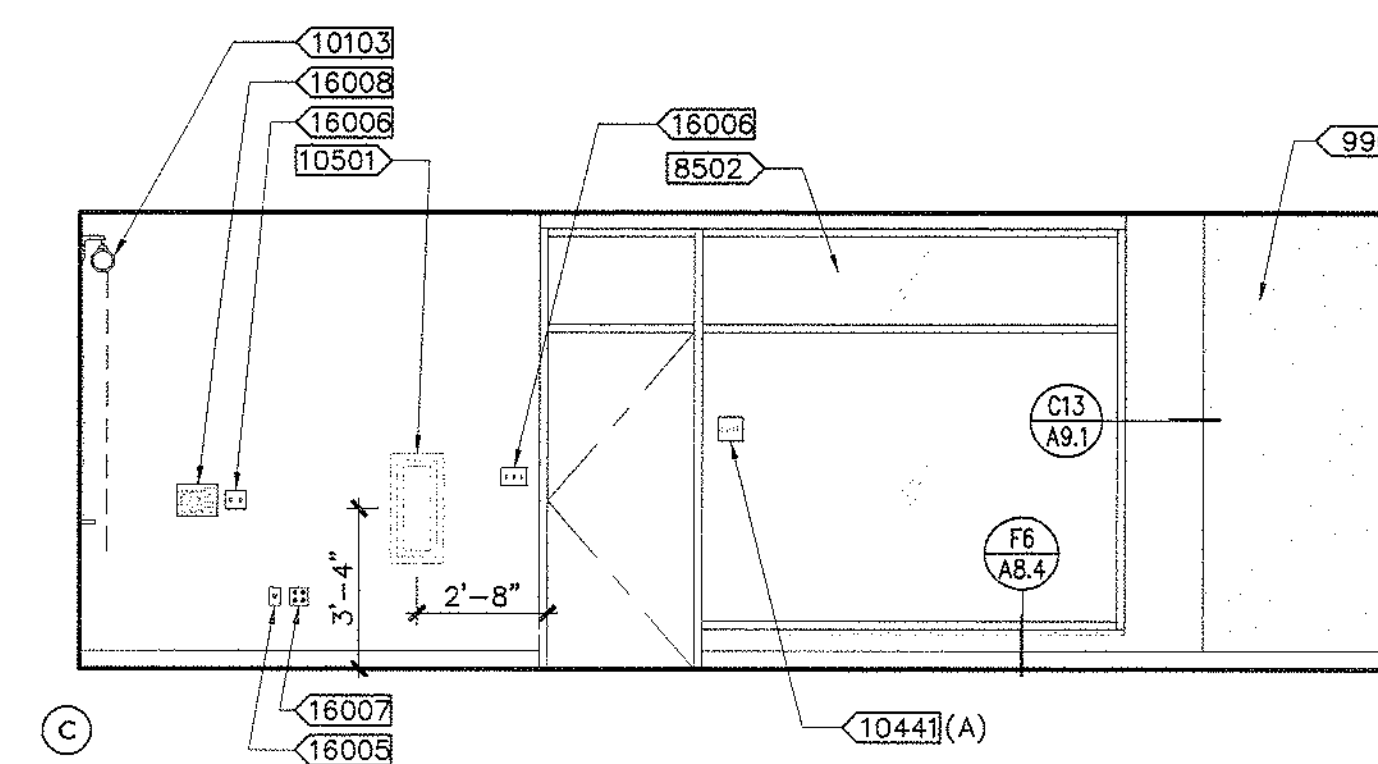
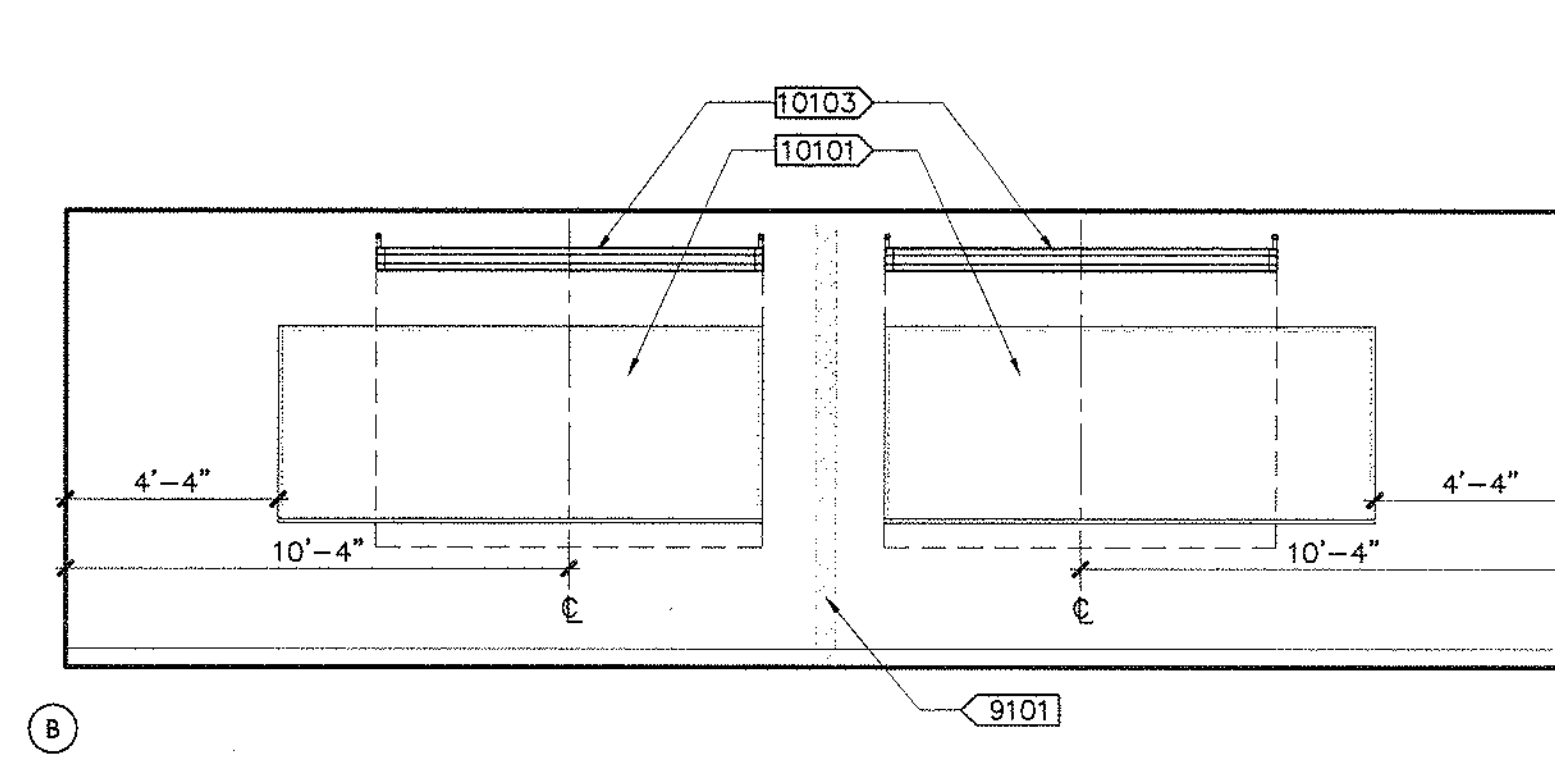
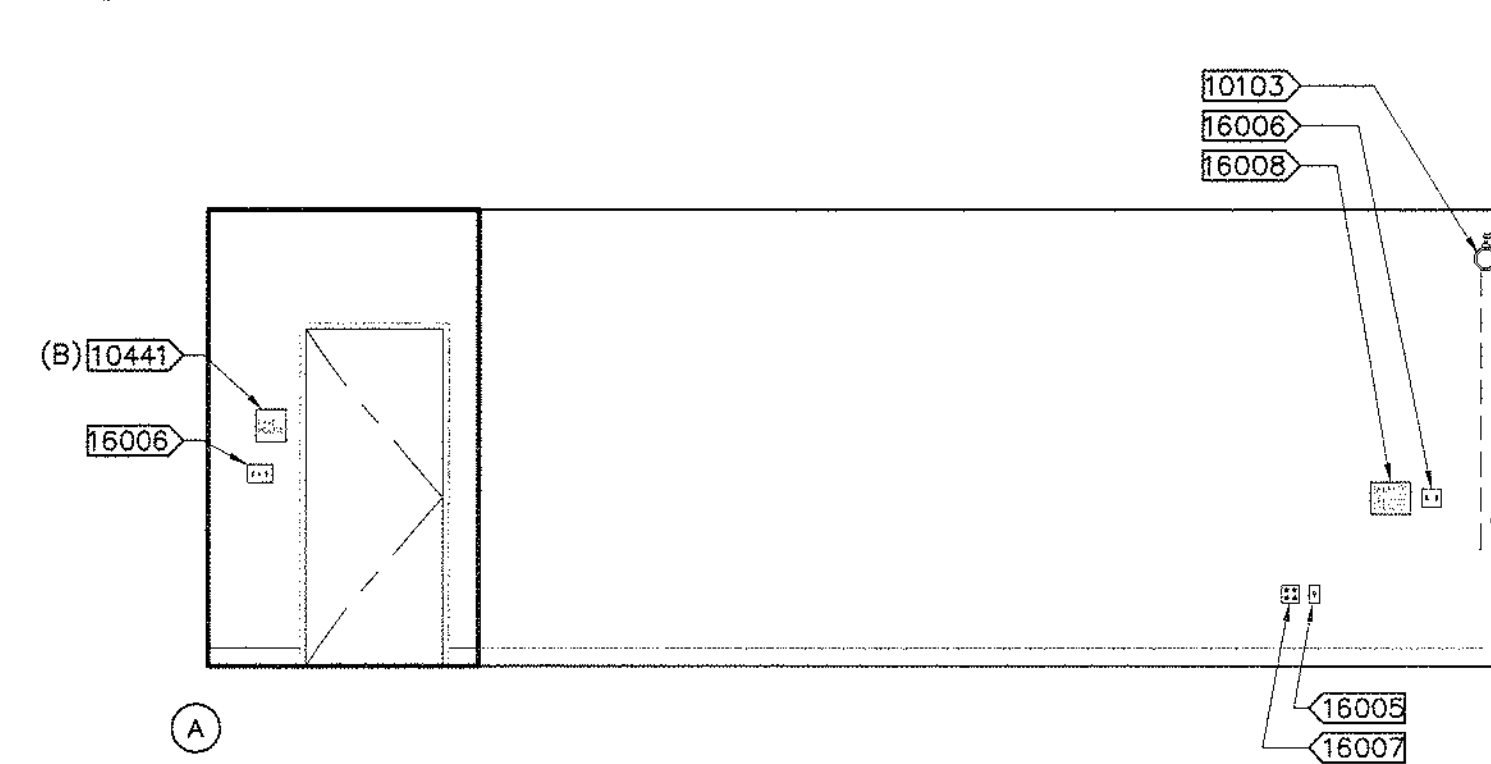
16008 (N) SMART PANEL, SEE DETAIL:

3. SEE TYPICAL DETAILS:
FOR GYPSUM WALL BOARD INSTALLATION.

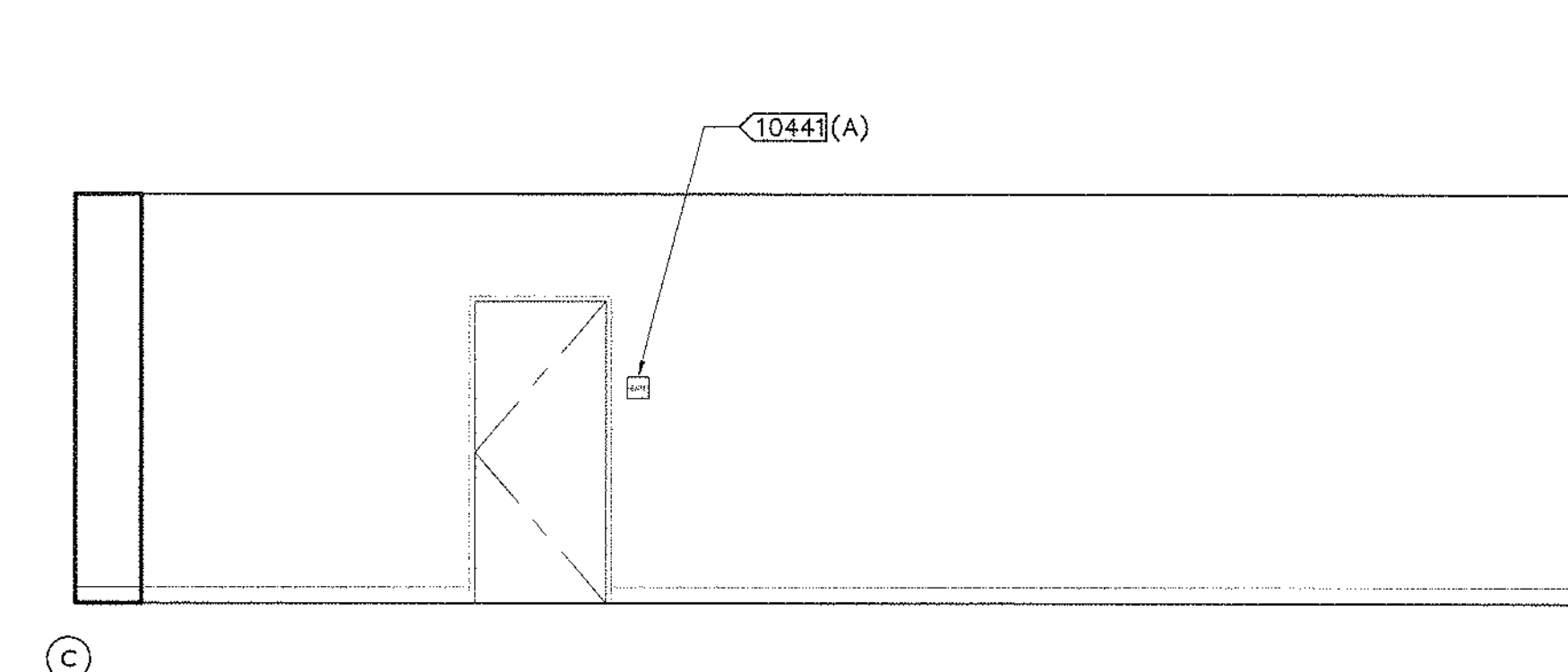
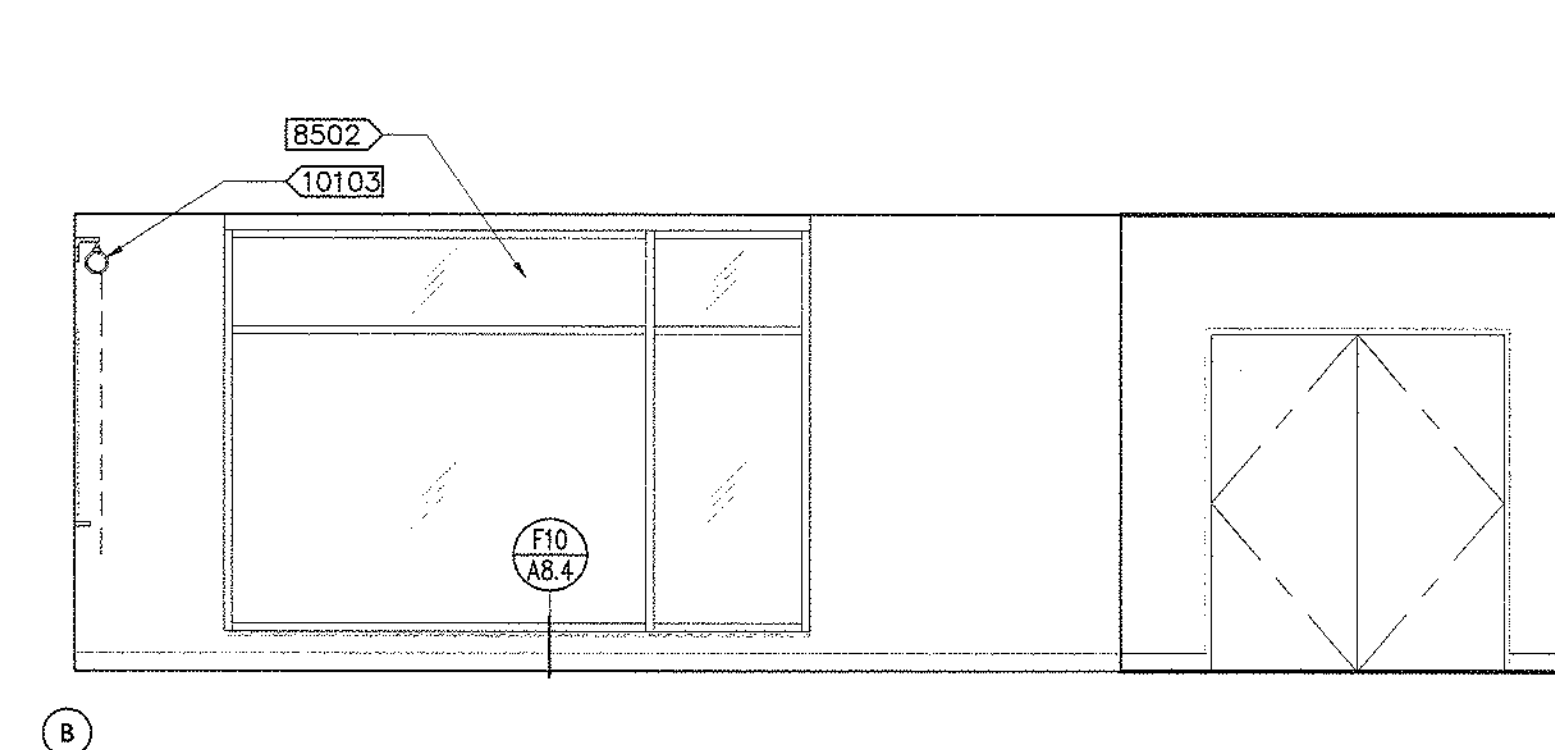
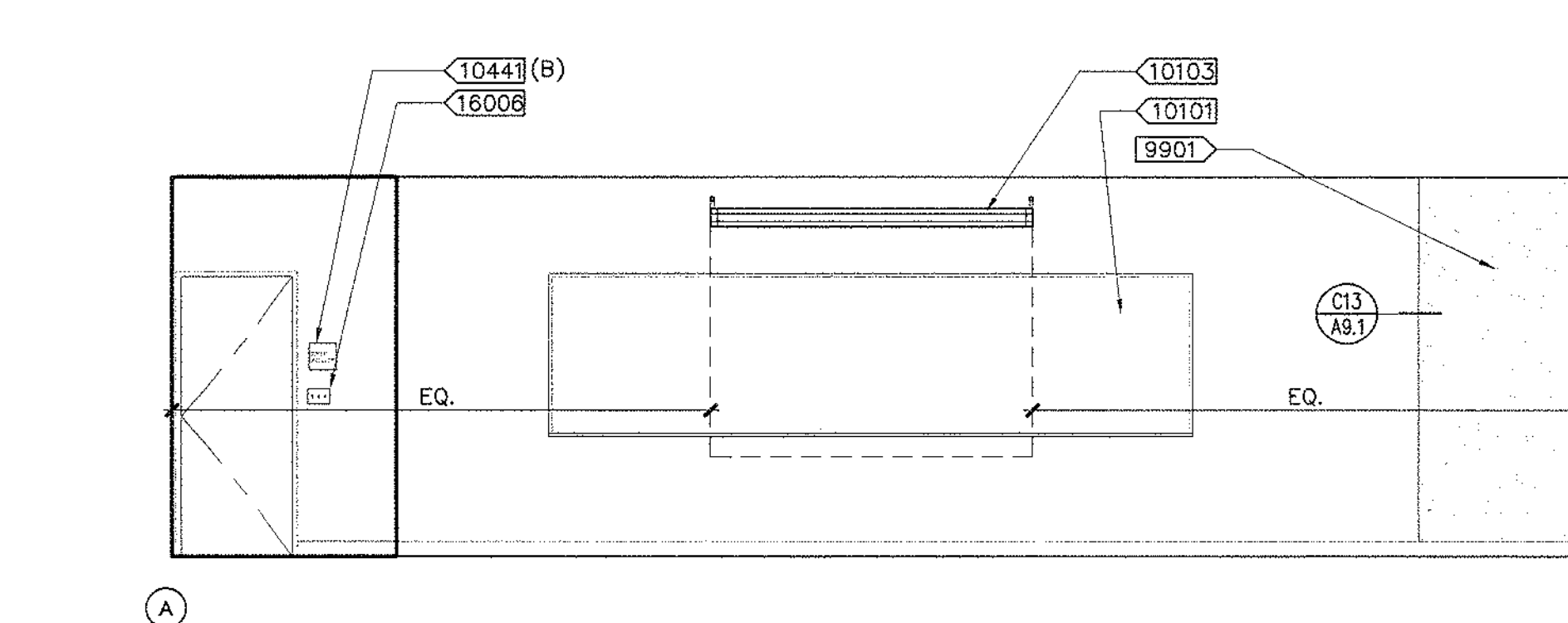
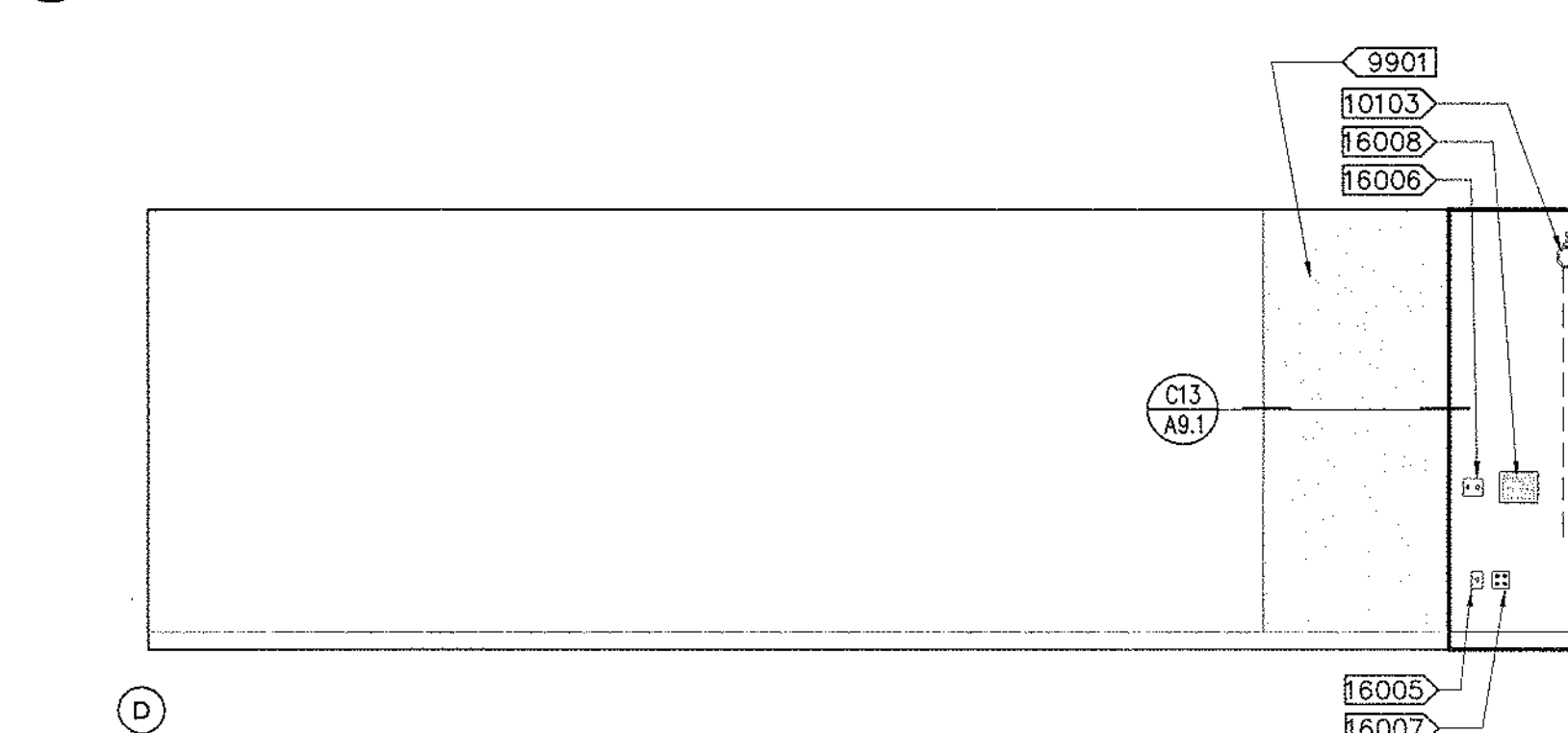

$$\frac{1}{4}'' = 1'-0''$$


$$1/4^{\text{th}} = 1'-0''$$


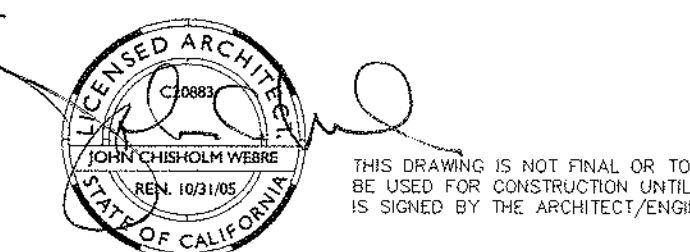
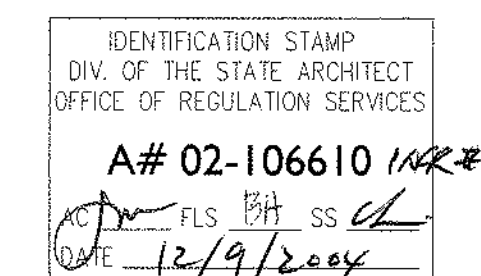
1/4" = 1'-0"



1/4" = 1'-0"


$$1/4'' \approx 1' - 0''$$


1/4" = 1'-0"



	REVISION	BY	DATE
1.			
2.			
3.			
4.			
5.			
6.			

INTERIOR ELEVATIONS

A4745.01
1/4" = 1'-0"
09 DECEMBER 2004

A5.1

KEYNOTES:

7211 (N) R19 BATT INSULATION ABOVE
FINISH CEILING

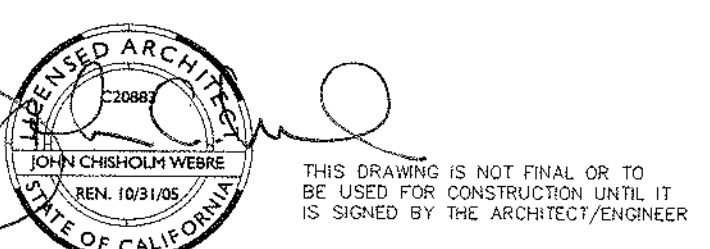
9220 CEILING CONTROL JOINT @ 50'-0" O.C.
SEE DETAIL: 015
A8.1

16003 CEILING MOUNTED PROJECTOR (OWNER FURNISH)
SEE DETAIL: 011
A8.2

LEGEND:

- GYP. BOARD CEILING, SEE
STRUCTURAL FOR CEILING
FRAMING PLAN AND CEILING
FRAMING SYSTEM DETAILS
- SUSPENDED CLG. GRID SYSTEM
W/ 2'x4' LAY-IN ACOUSTICAL
TILES, SEE DETAIL: 017
A8.2
- NO CEILING
- + 9'-0" CEILING HEIGHT
- ENCLOSED FLUORESCENT
LUMINARIES - CEILING LAY-IN
- ENCLOSED FLUORESCENT
LUMINARIES - SURFACE
MOUNTED, U.O.N.
- ENCLOSED LINEAR CORRIDOR
FLUORESCENT LUMINARIES -
WALL MOUNTED
- CONCEALED COVE
FLUORESCENT LUMINARIES
- 1'x4' RECESSED INDIRECT
FLUORESCENT LUMINARIES W/
ELECTRONIC BALLAST
- STORE FRONT MOUNTED EXIT
LUMINAIRE, ARROW SIGNIFIES
FACE OF SIGN TO BE
ILLUMINATED, CONCEAL
CONDUIT ROUTING THROUGH
ALUM. FRAME, TYPICAL
- WALL MOUNTED EXIT
LUMINAIRE, ARROW SIGNIFIES
FACE OF SIGN TO BE
ILLUMINATED, TYPICAL
- LUMINARIES - CEILING
RECESSED
- LUMINARIES - WALL MOUNTED
- WINDOW SHADING DEVICE

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12/9/2004



I REFLECTED CEILING PLAN

1/8" = 1'-0"

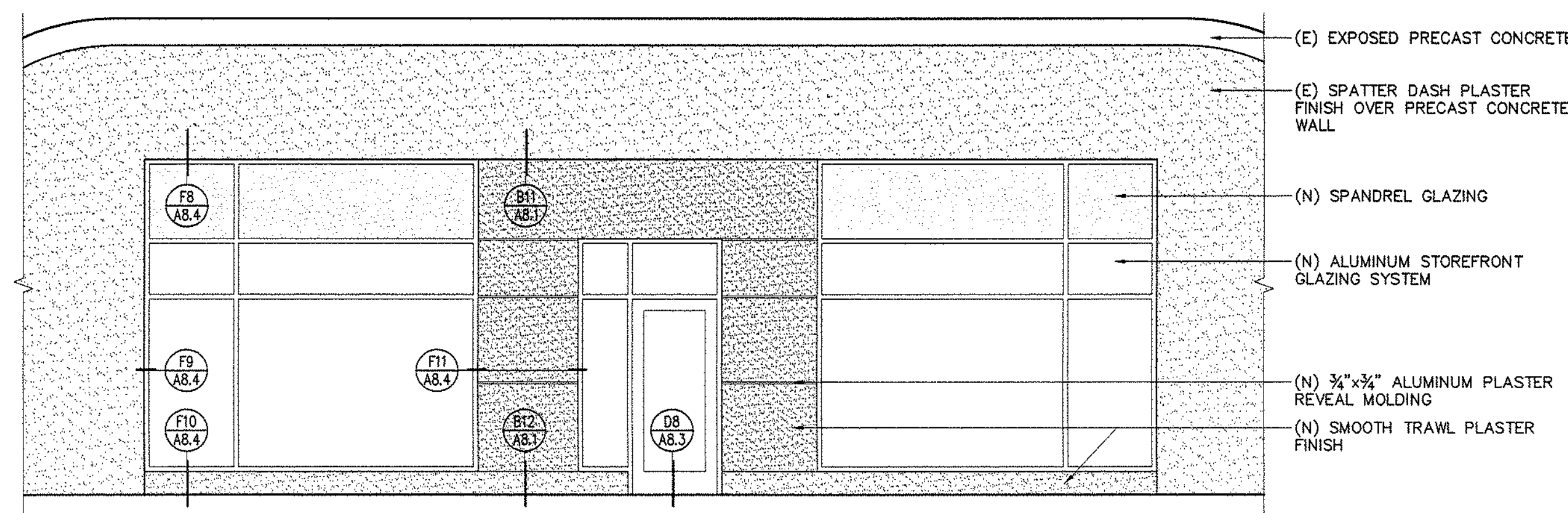
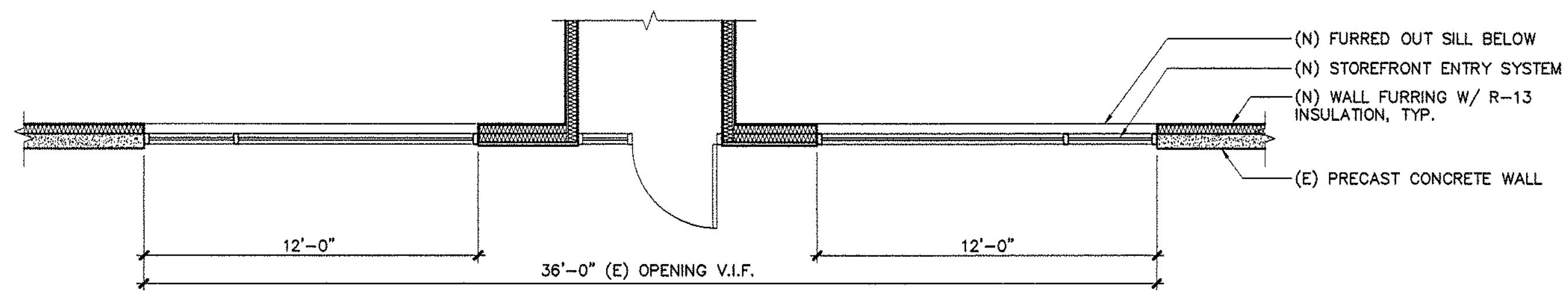
REVISION	BY	DATE
1		
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

REFLECTED CEILING
PLAN

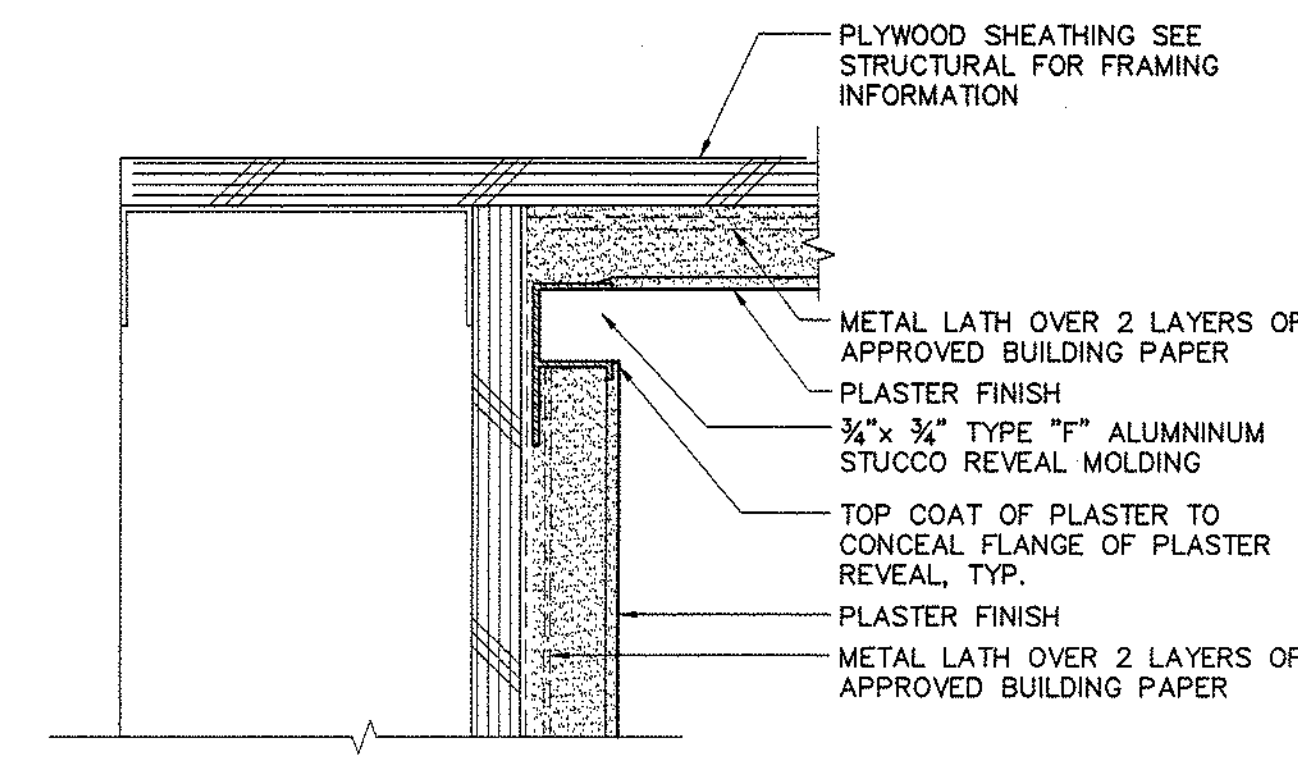
A4745.01
AS NOTED
09 DECEMBER 2004

A6.1



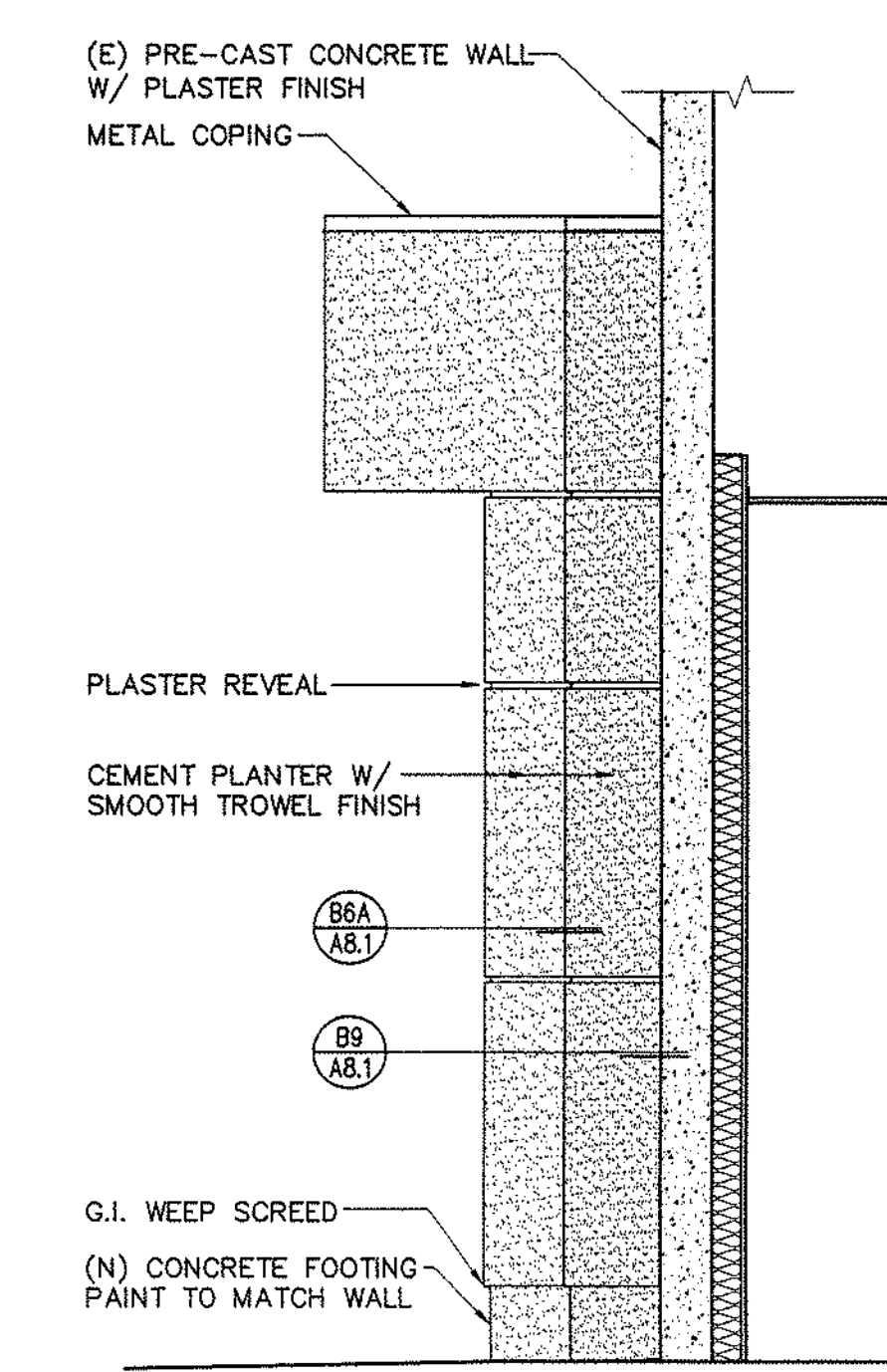
ENLARGED EAST ELEVATION
1/4" = 1'-0"

B10
A8.3



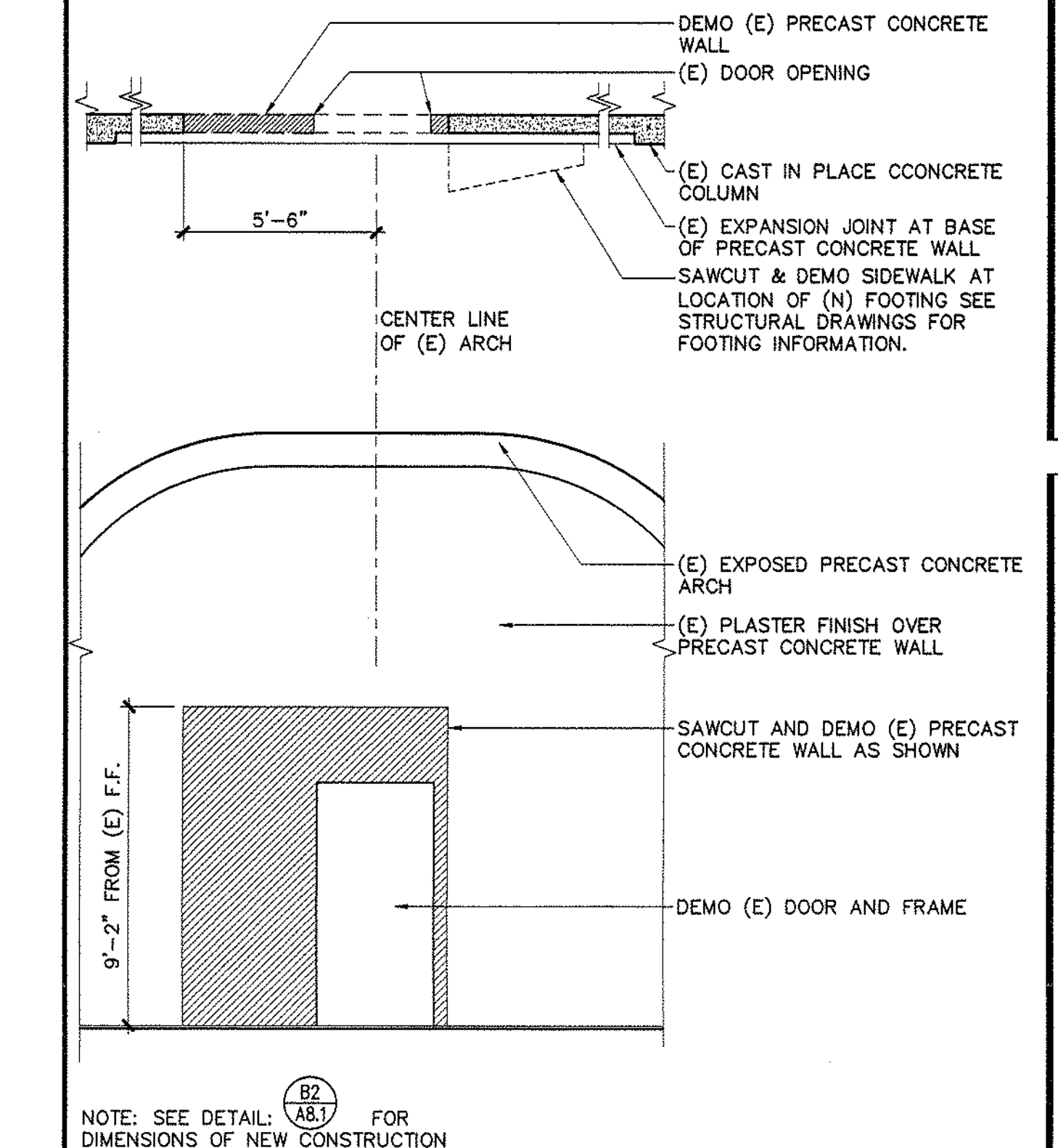
SOFFIT @ ENTRY
6" = 1'-0"

B7
A8.1



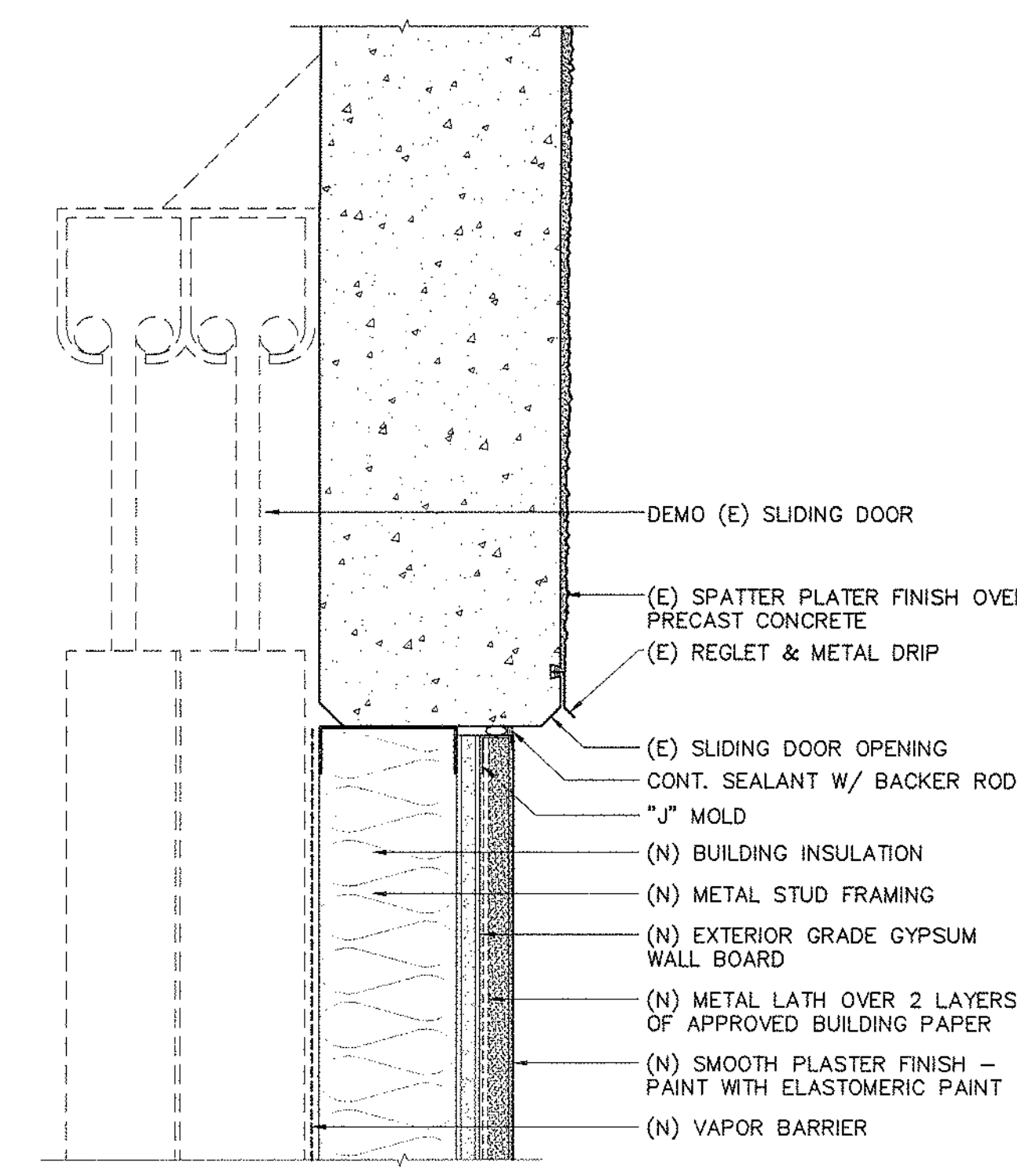
SIDE ELEVATION / SECTION AT ENTRY
1/2" = 1'-0"

B4
A8.1



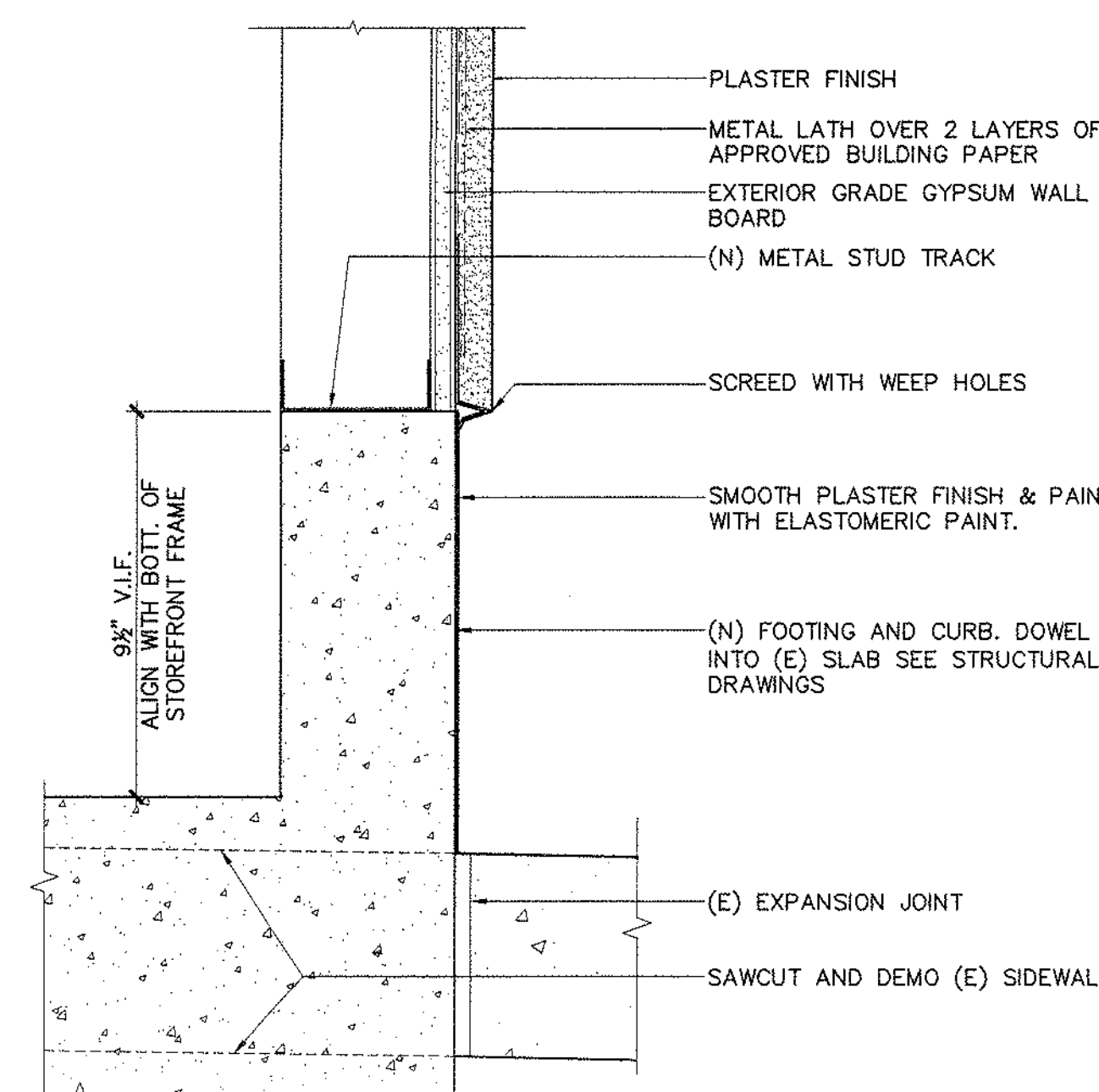
DEMO AT SOUTH ENTRY
1/4" = 1'-0"

B1
A8.1



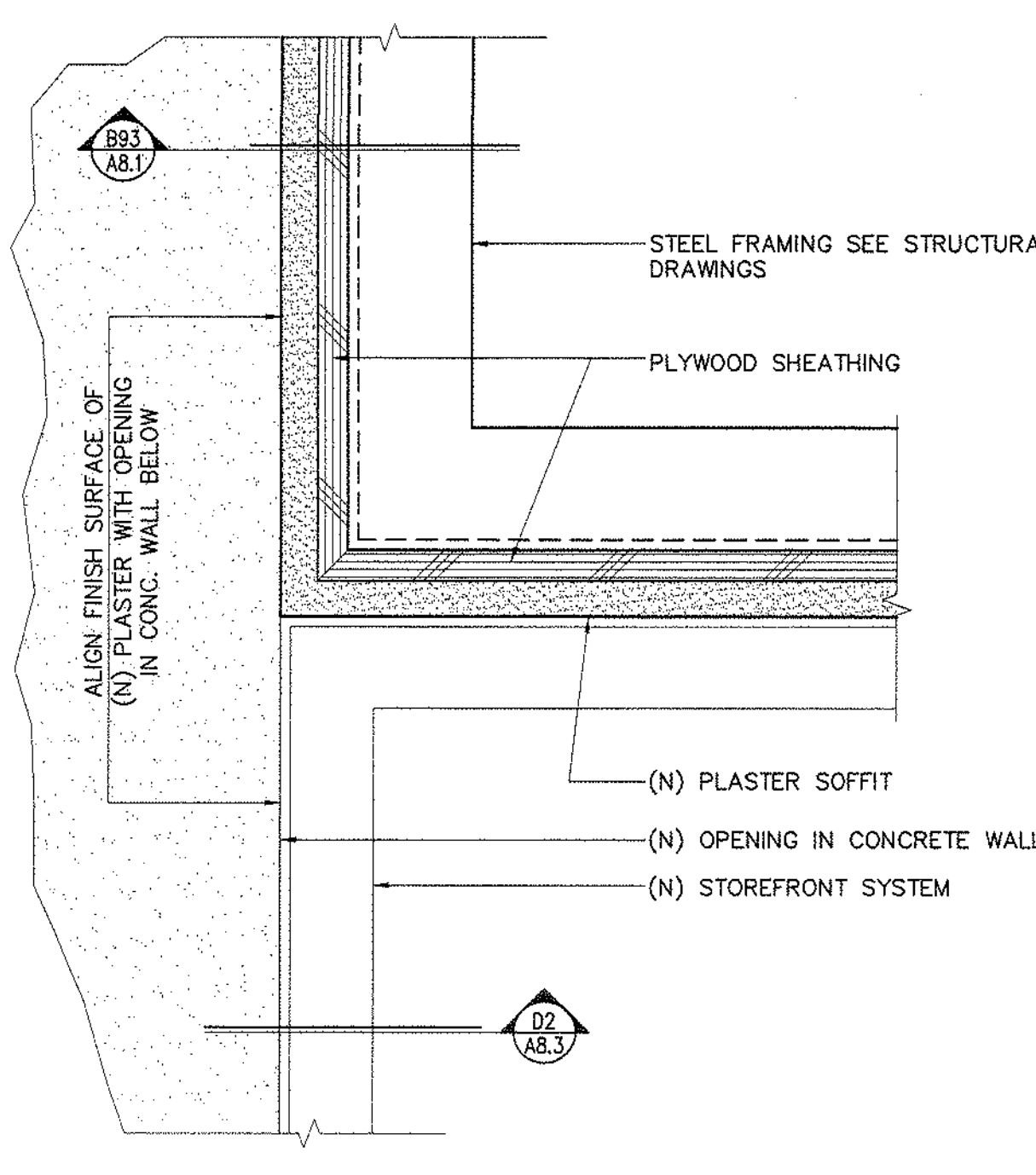
(N) WALL HEAD AT (E) SLIDING DOOR OPENING
3" = 1'-0"

B11
A8.1



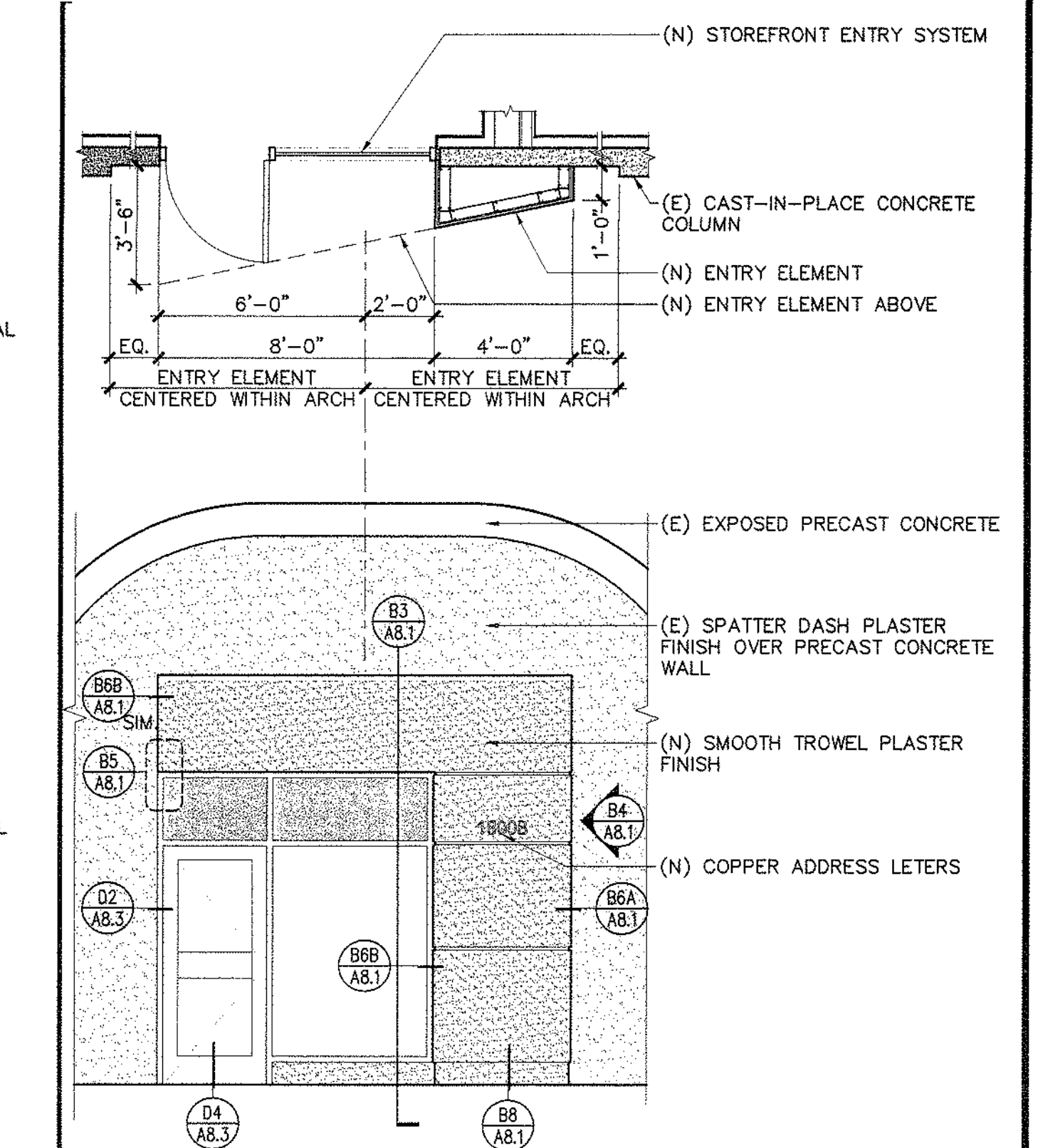
BASE AT ENTRY POPOUT
3" = 1'-0"

B8
A8.1



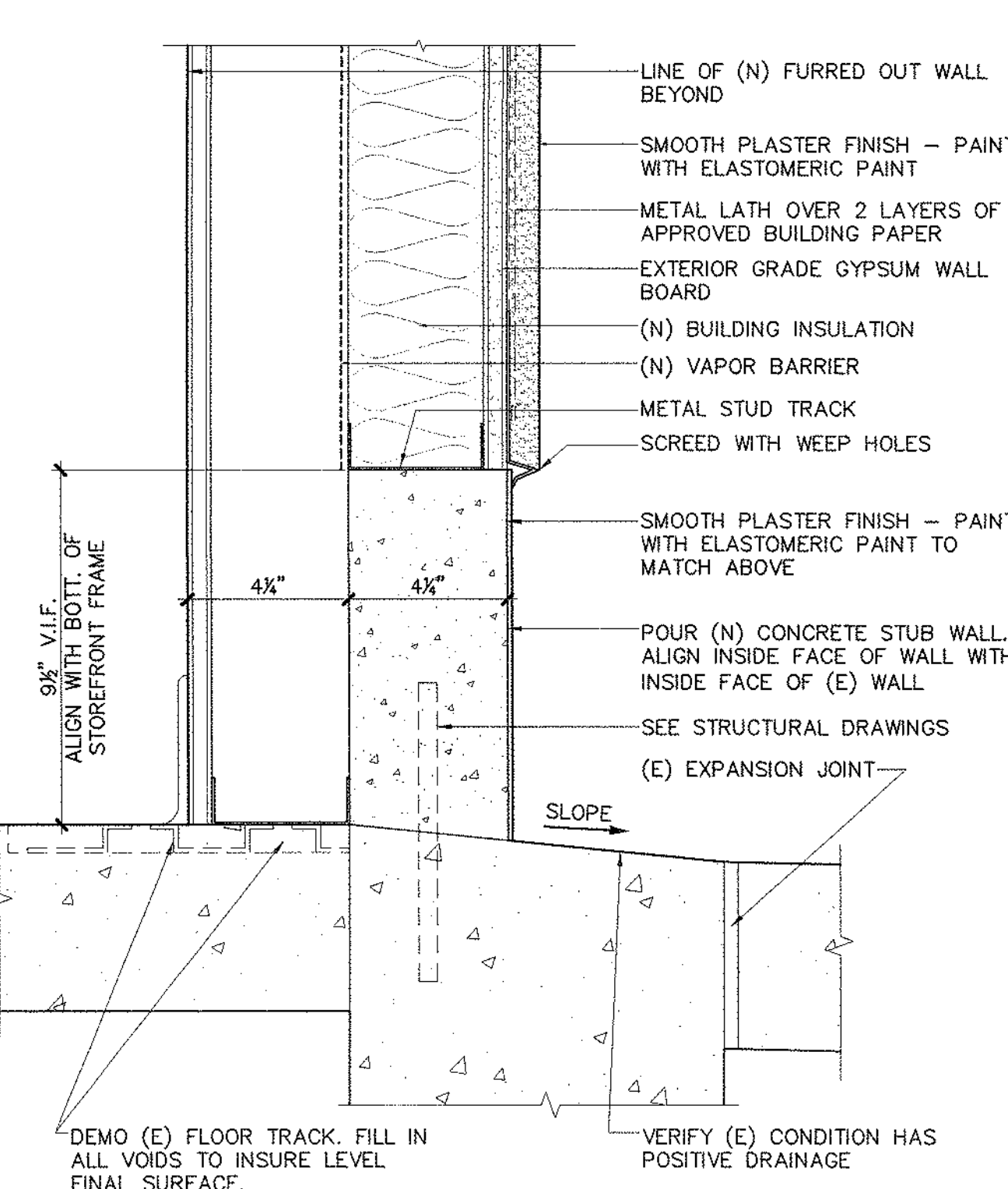
CORNER DETAIL AT ENTRY SOFFIT
3" = 1'-0"

B5
A8.1



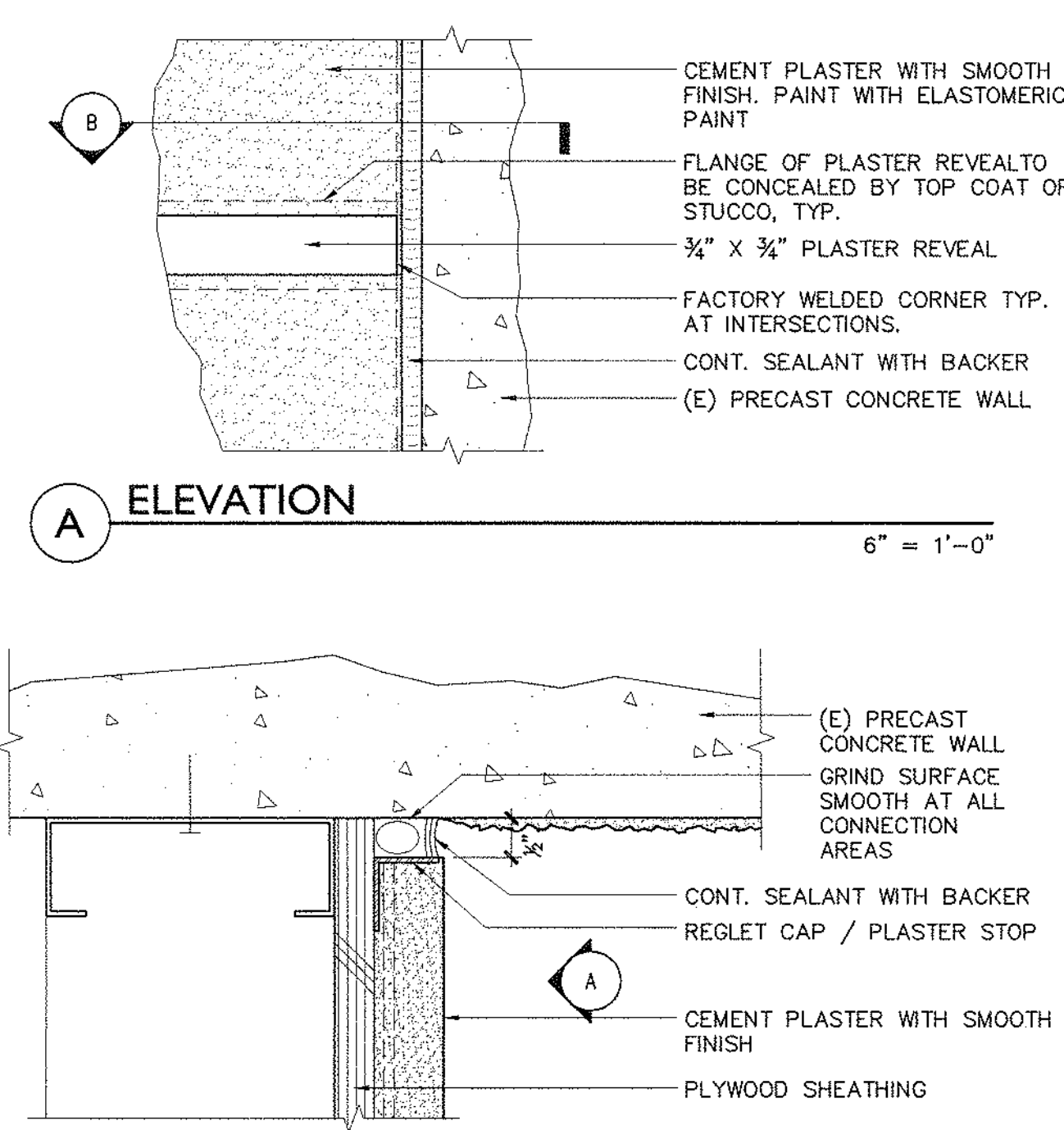
ENLARGED ENTRY ELEVATION
1/4" = 1'-0"

B2
A8.1



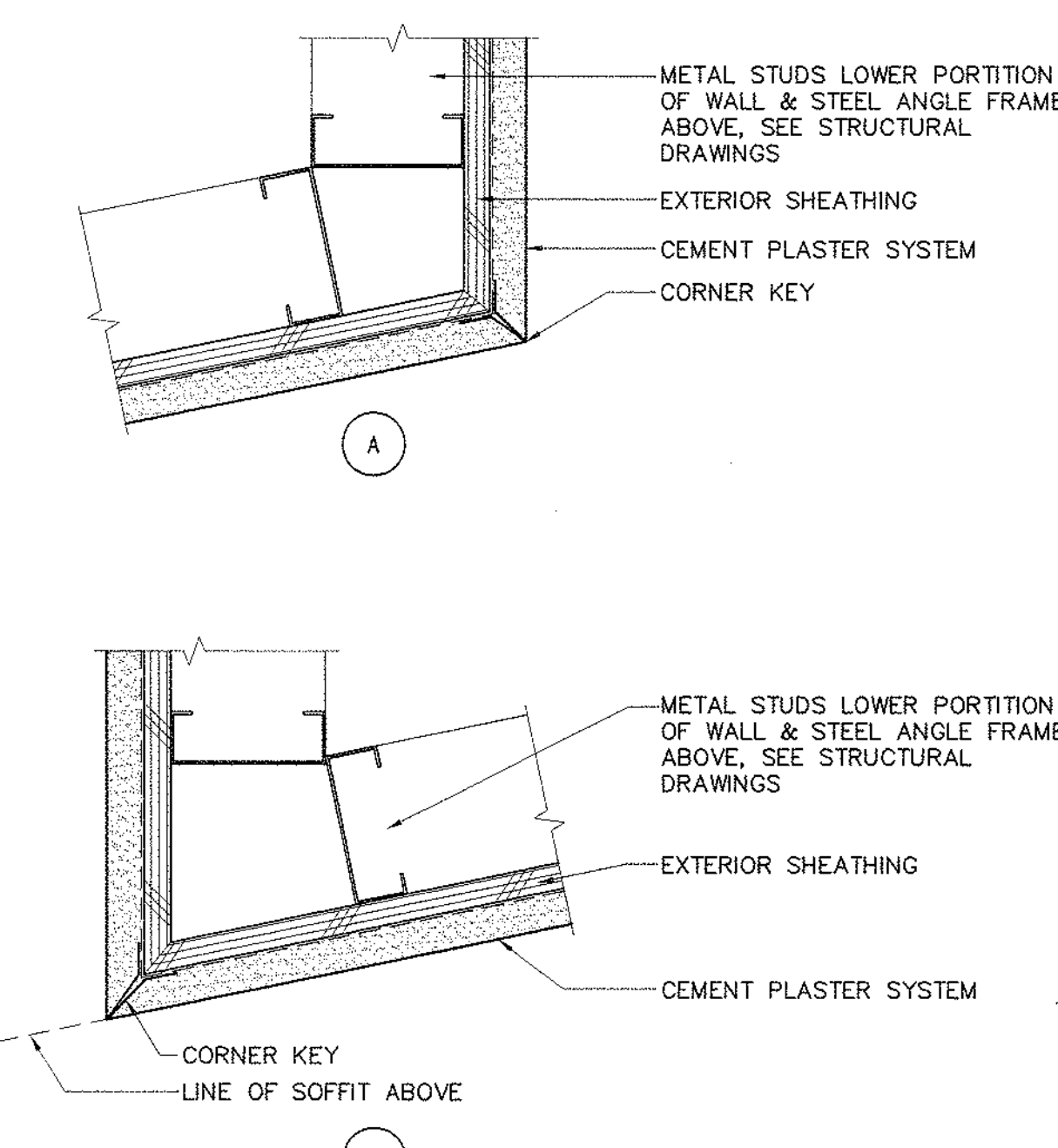
BASE AT ENTRY POPOUT
3" = 1'-0"

B12
A8.1



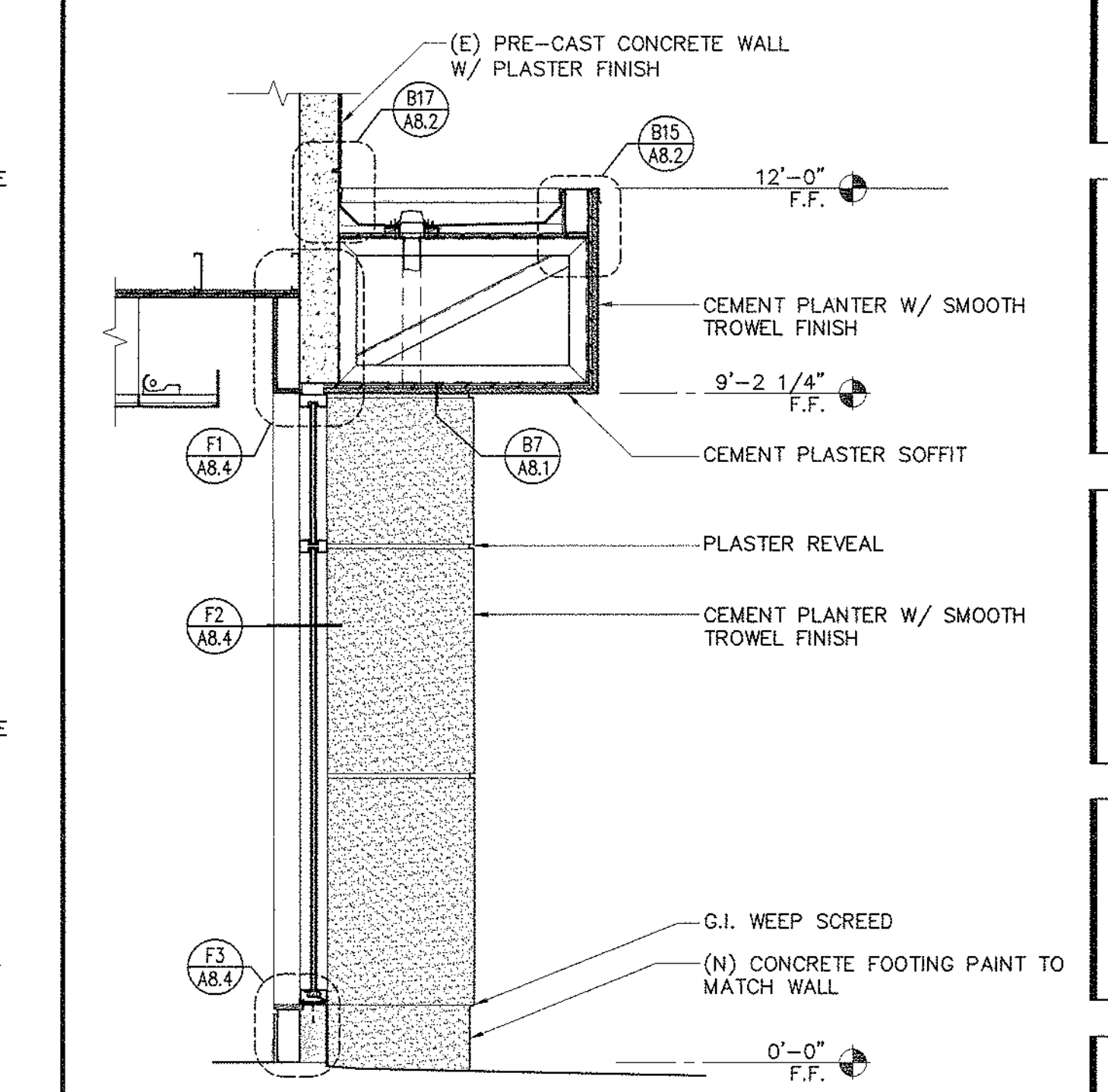
ENTRY FURRING TO WALL CONNECTION
6" = 1'-0"

B9
A8.1



CEMENT PLASTER OUTSIDE CORNER DETAIL
3" = 1'-0"

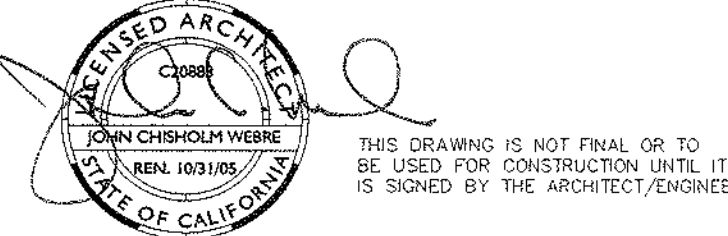
B6
A8.1



SIDE ELEVATION / SECTION AT ENTRY
1/2" = 1'-0"

B3
A8.1

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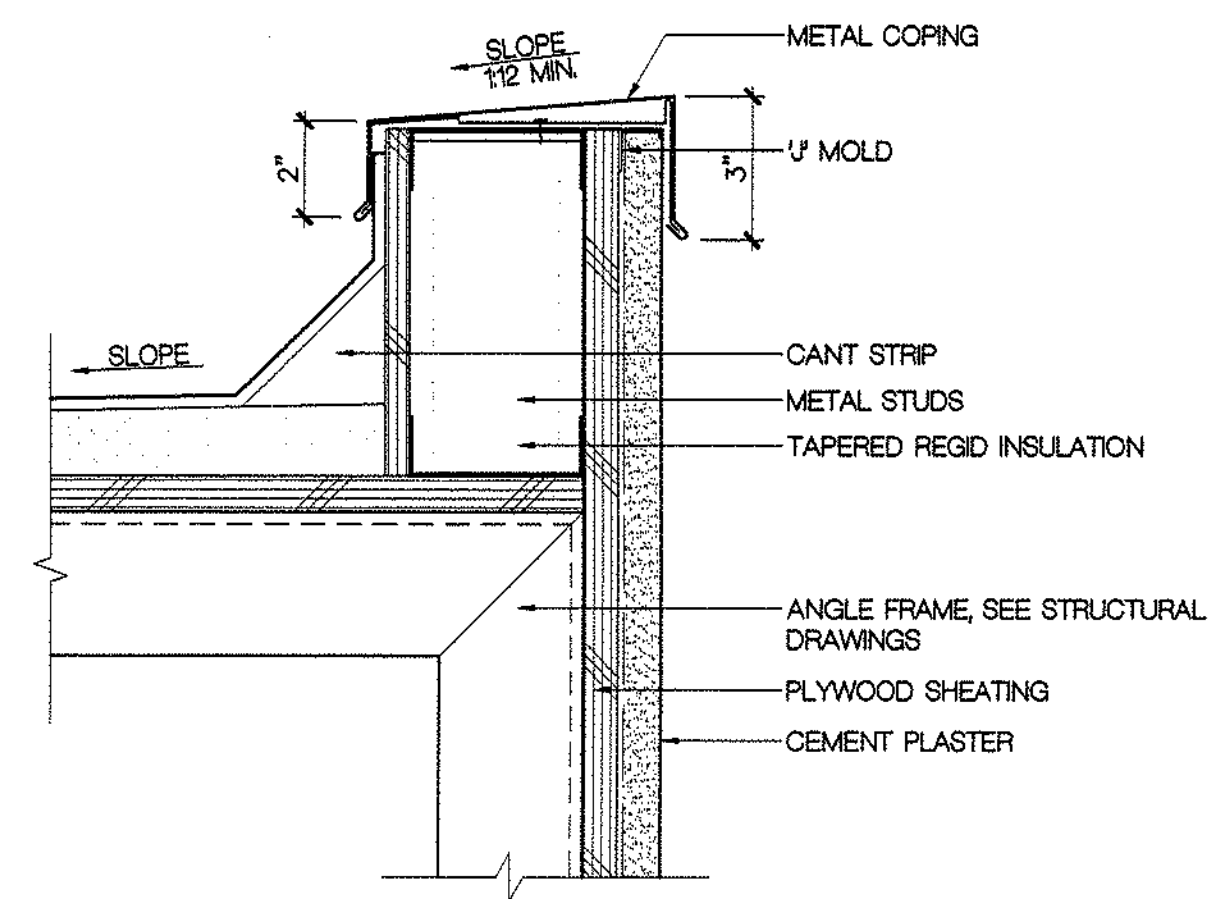
REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

EXTERIOR WALL
DETAILS

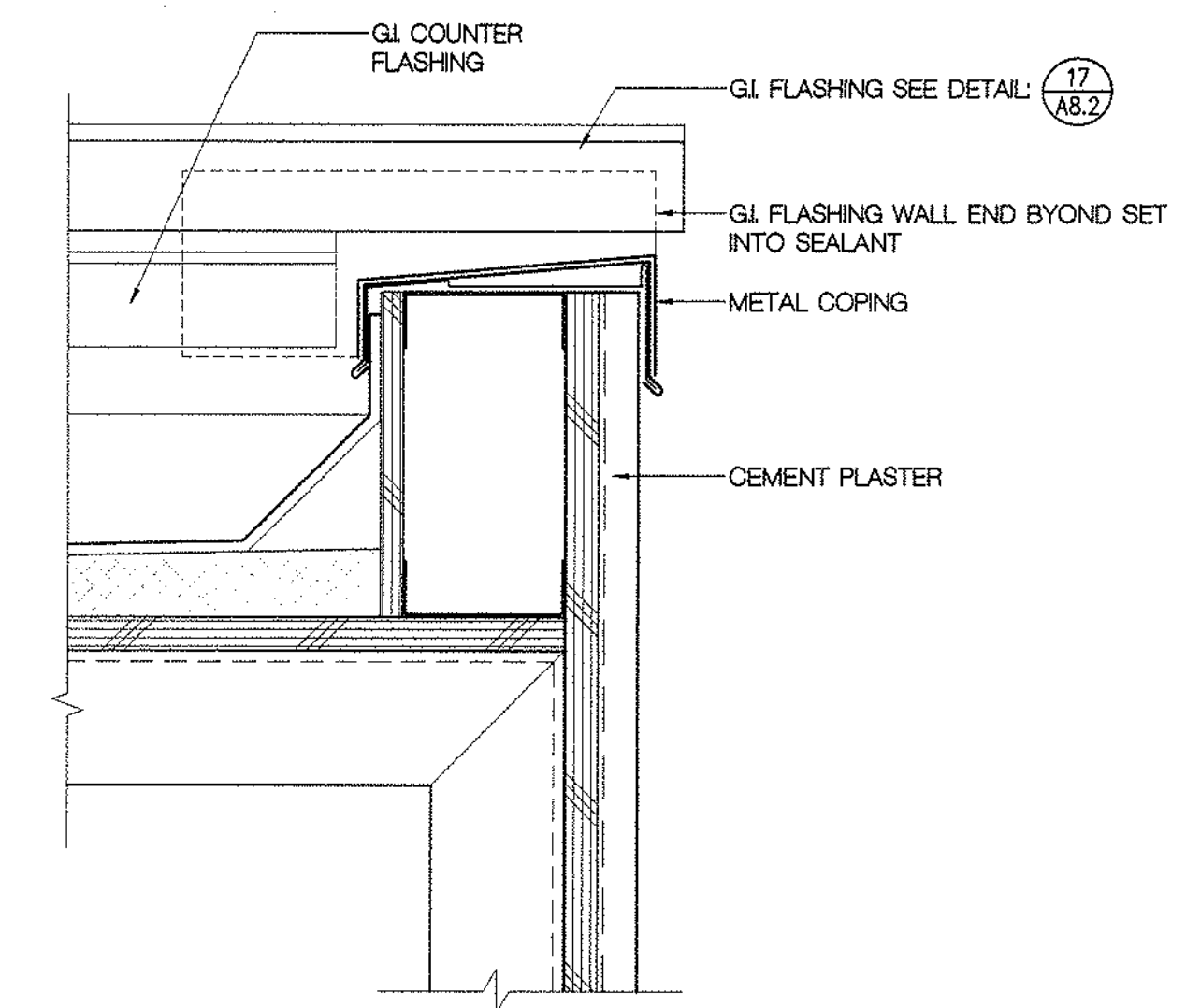
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AS NOTED
09 DECEMBER 2004

A8.1



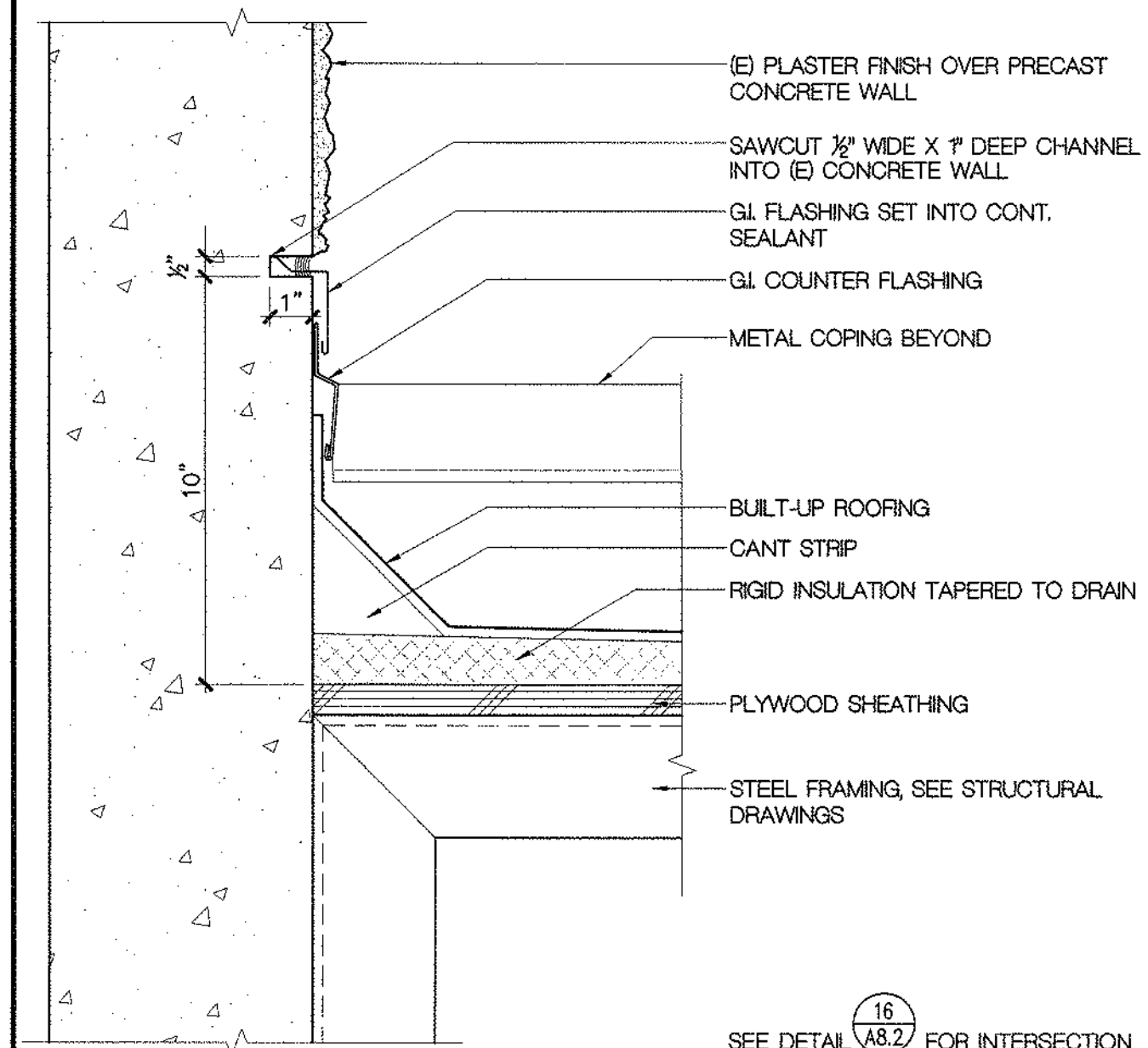
PARAPET DETAIL
3" = 1'-0"

B15



GALVANIZED SHEET METAL FLASHING
NOT TO SCALE

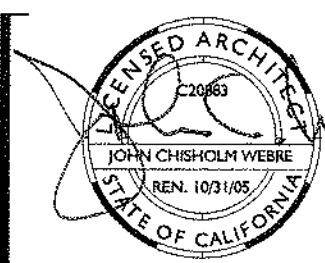
B16



PARAPET DETAIL
3" = 1'-0"

B17

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OFFICE OF REGULATION SERVICES
A# 02-106610
12/9/2004



THIS DRAWING IS NOT FINAL OR TO
BE USED FOR CONSTRUCTION UNTIL IT
IS SIGNED BY THE ARCHITECT/ENGINEER

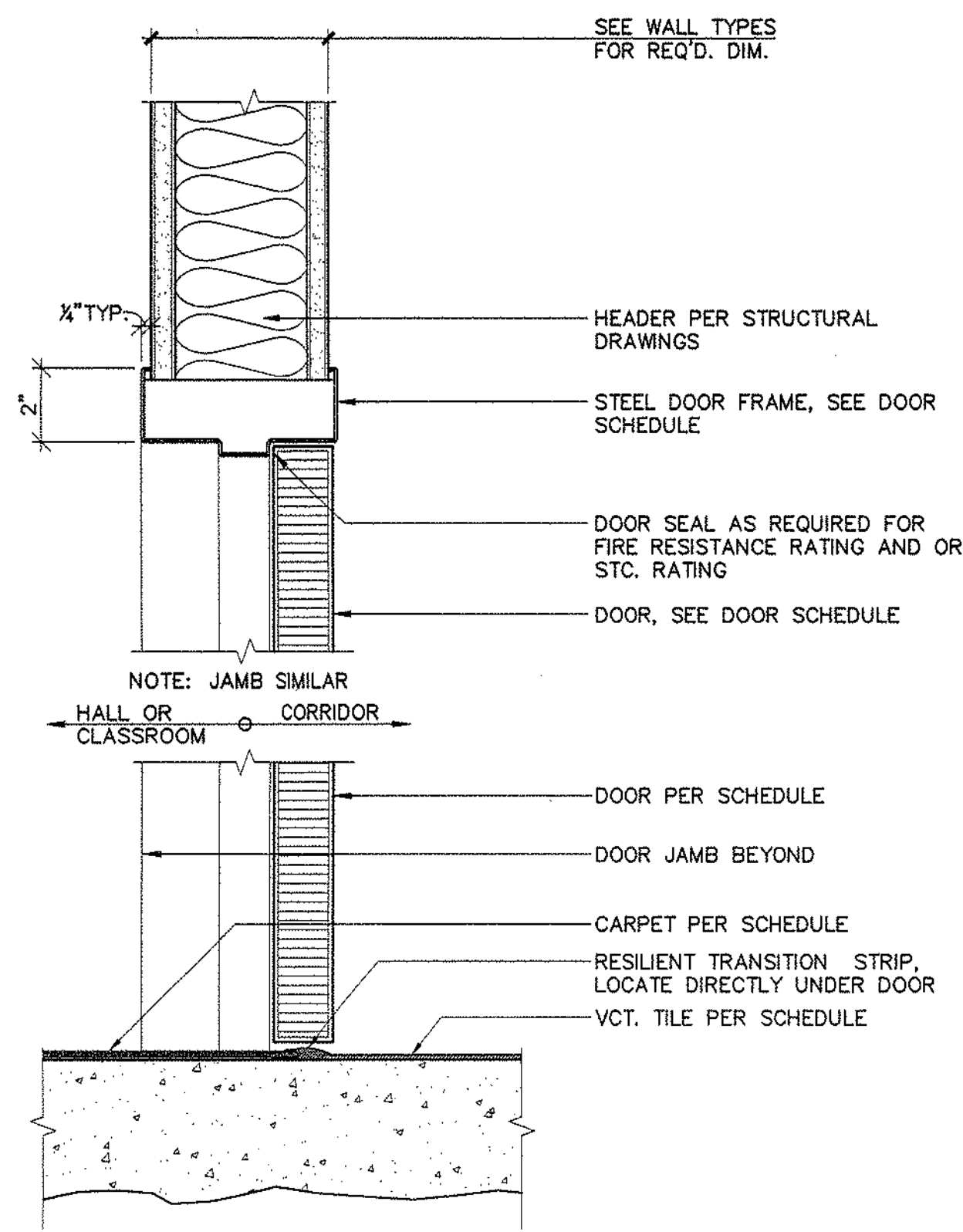
REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

EXTERIOR WALL
DETAILS

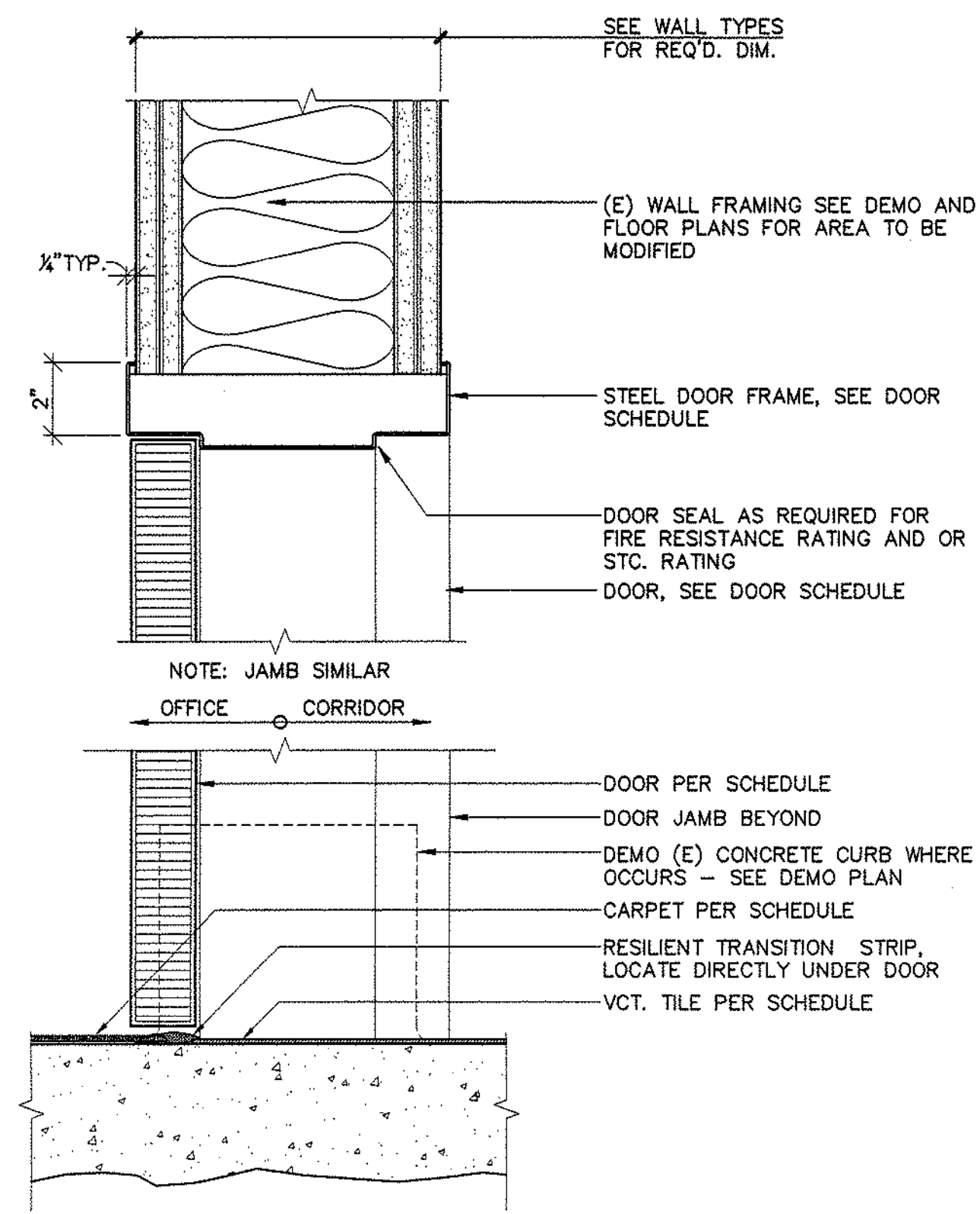
A4745.01
AS NOTED
09 DECEMBER 2004

A8.2



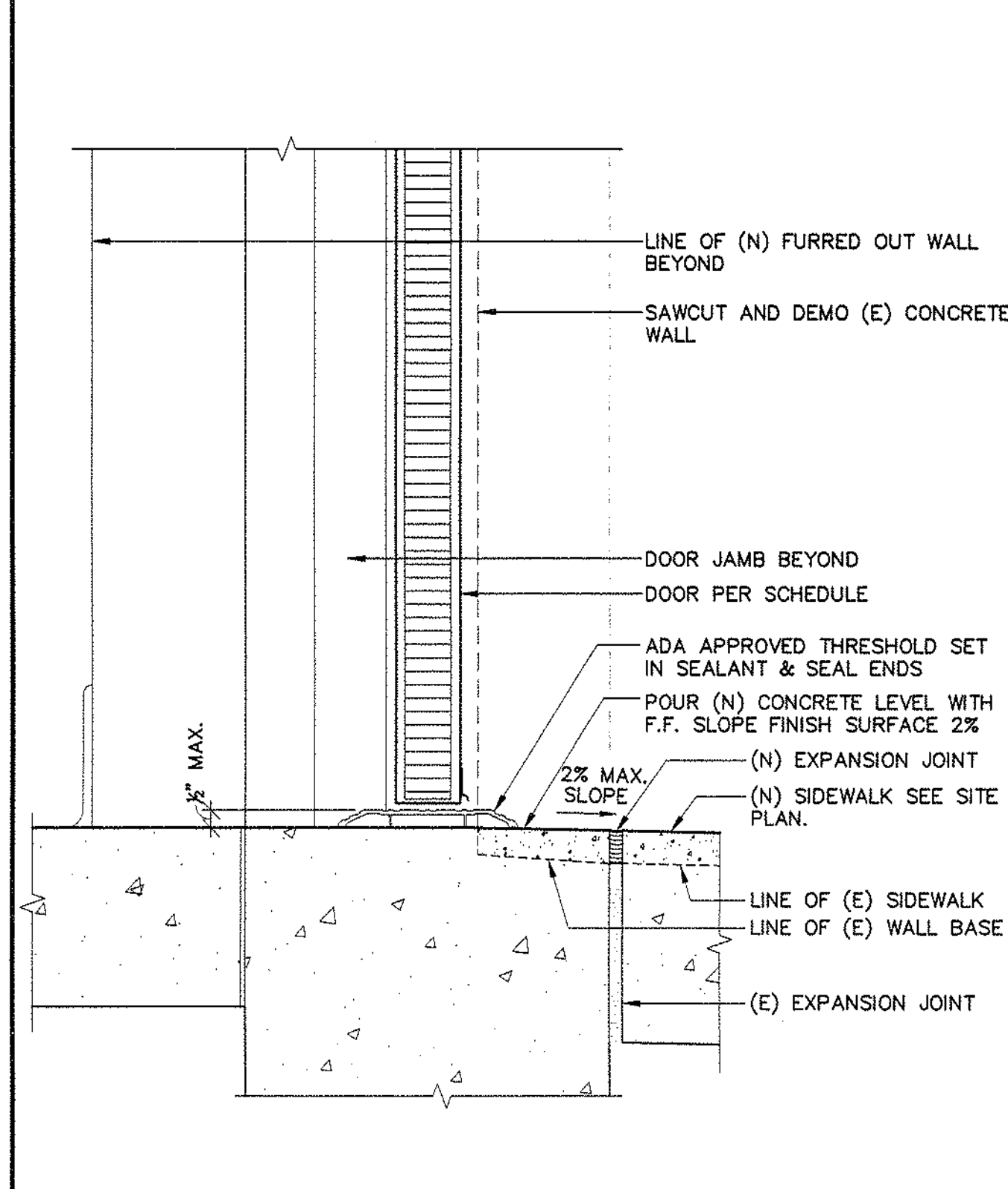
INTERIOR DOOR
HEAD & SILL
3\"/>

E5



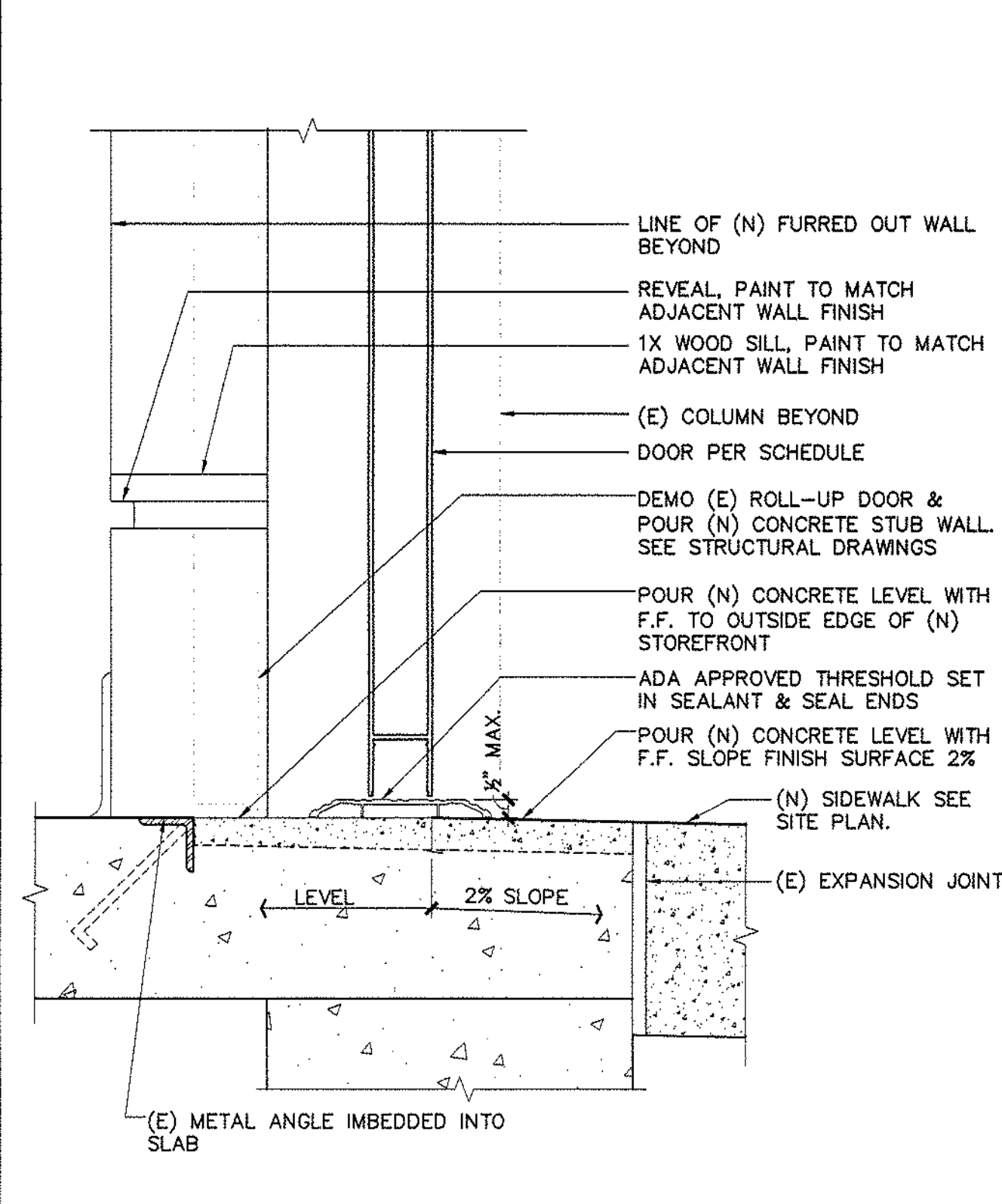
INTERIOR DOOR HEAD
3\"/>

E2



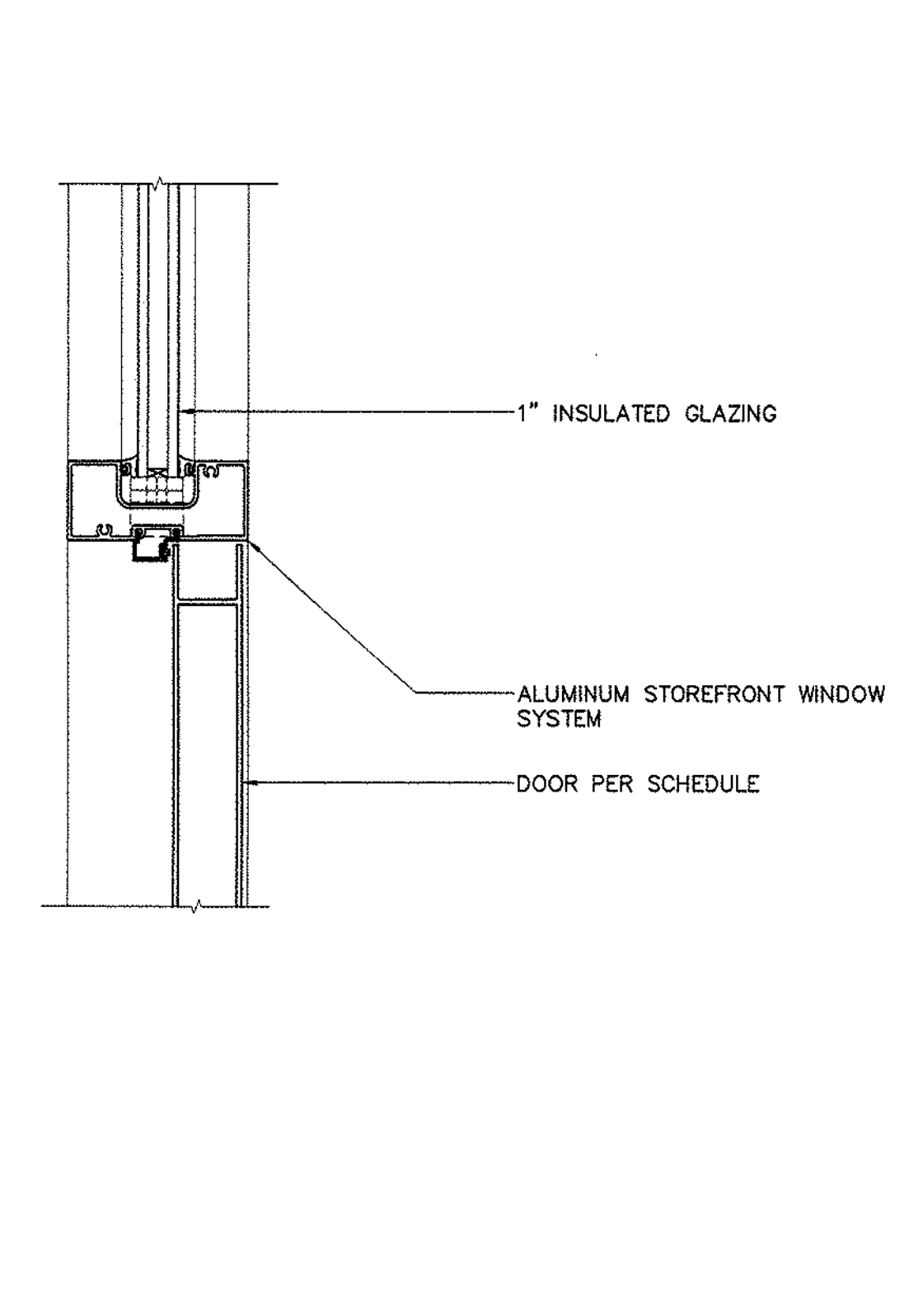
DOOR SILL
AT (E) DOOR OPENING
3\"/>

D7



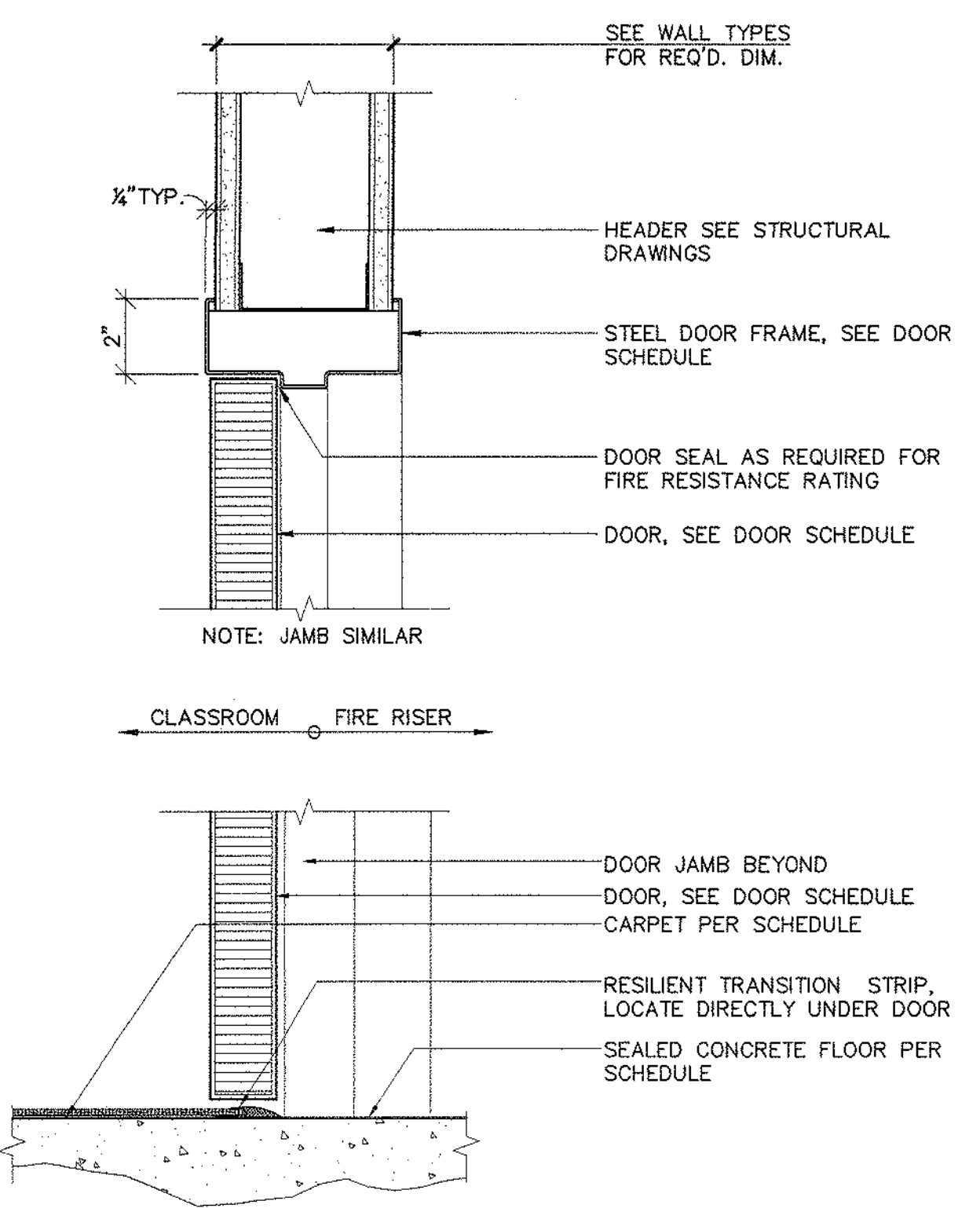
(N) STOREFRONT DOOR SILL
AT (E) ROLL-UP DOOR OPENING
3\"/>

D4



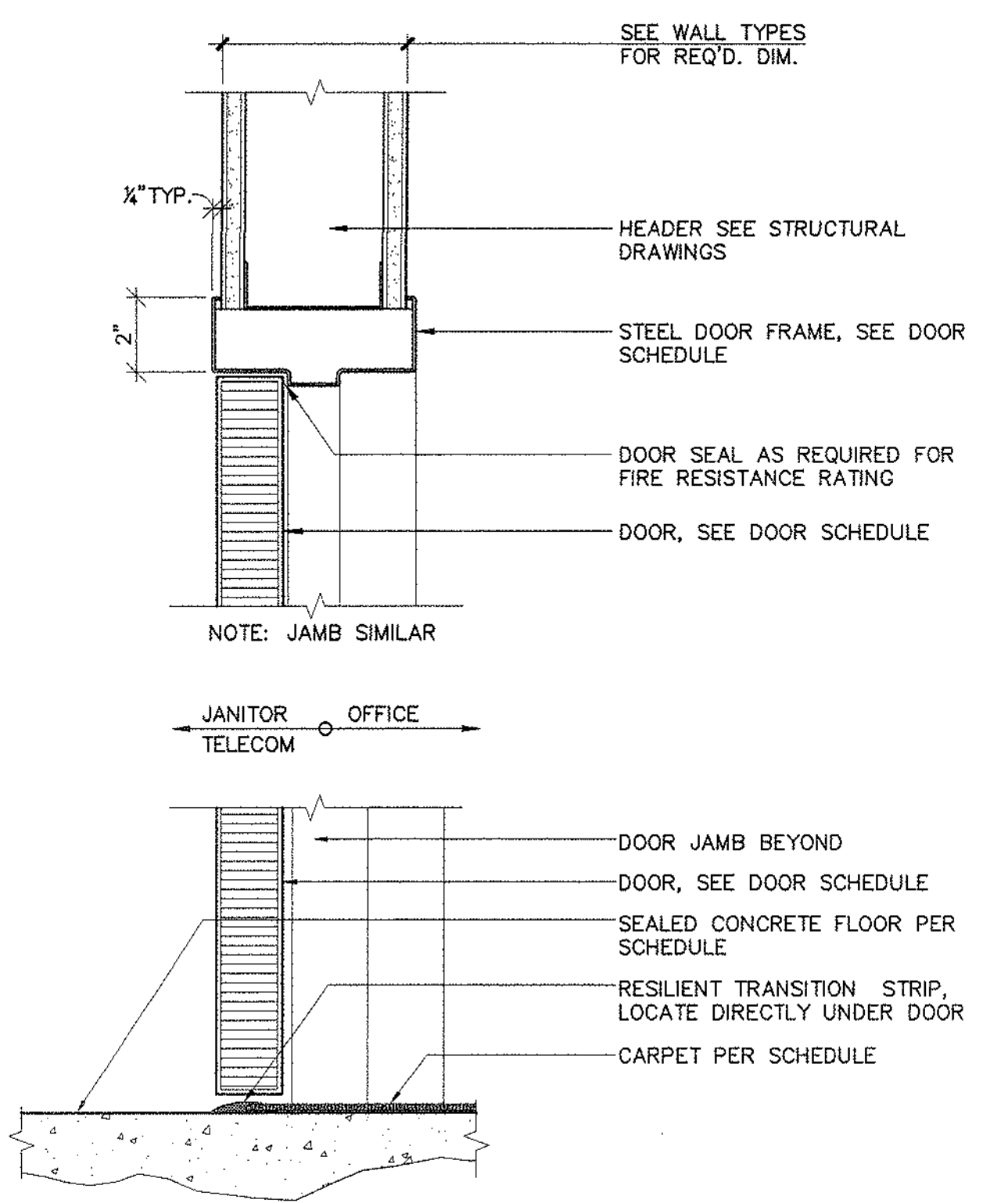
DOOR HEAD
(ALUMINUM STOREFRONT)
3\"/>

D1



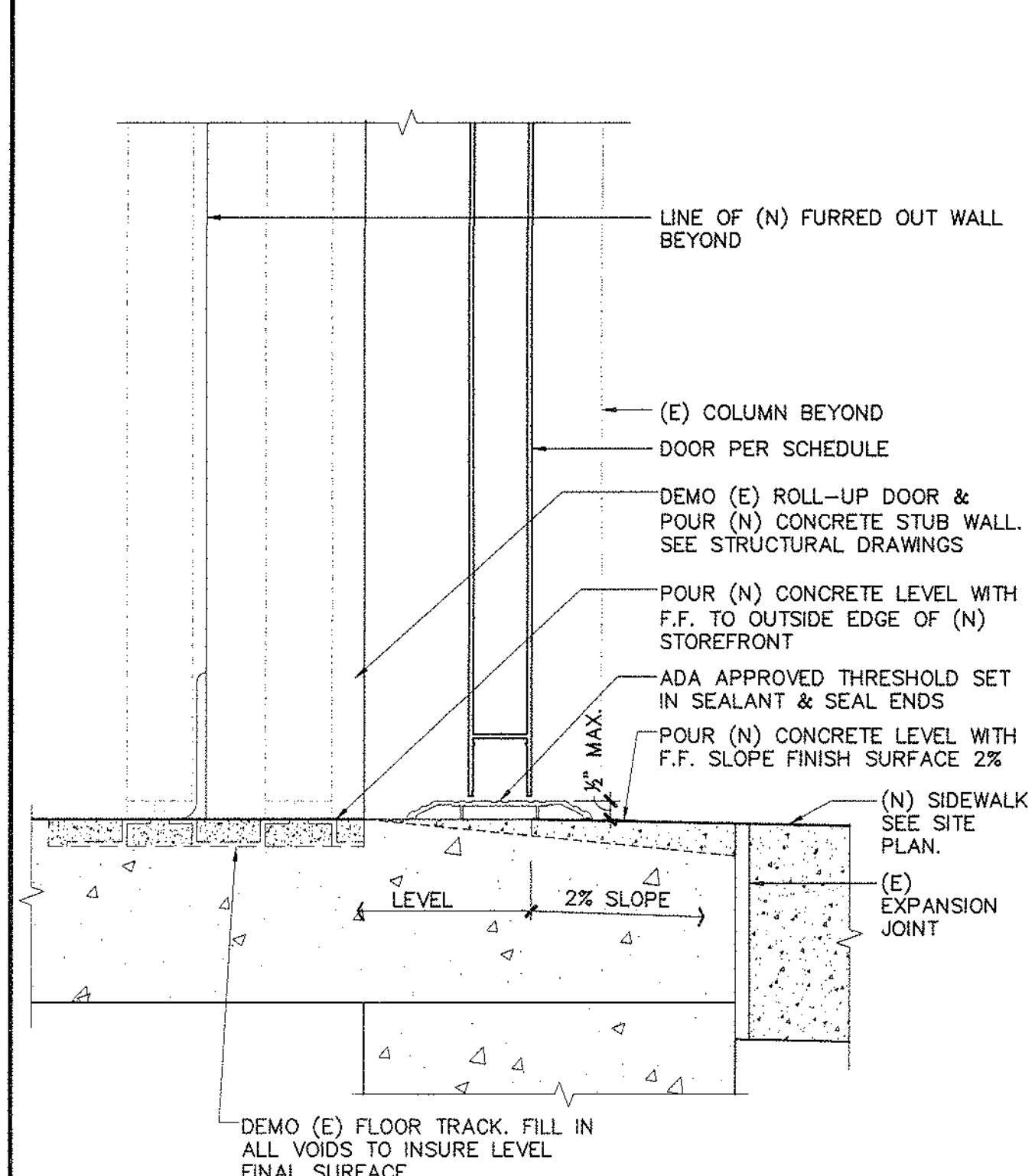
INTERIOR DOOR
HEAD & SILL
3\"/>

E6



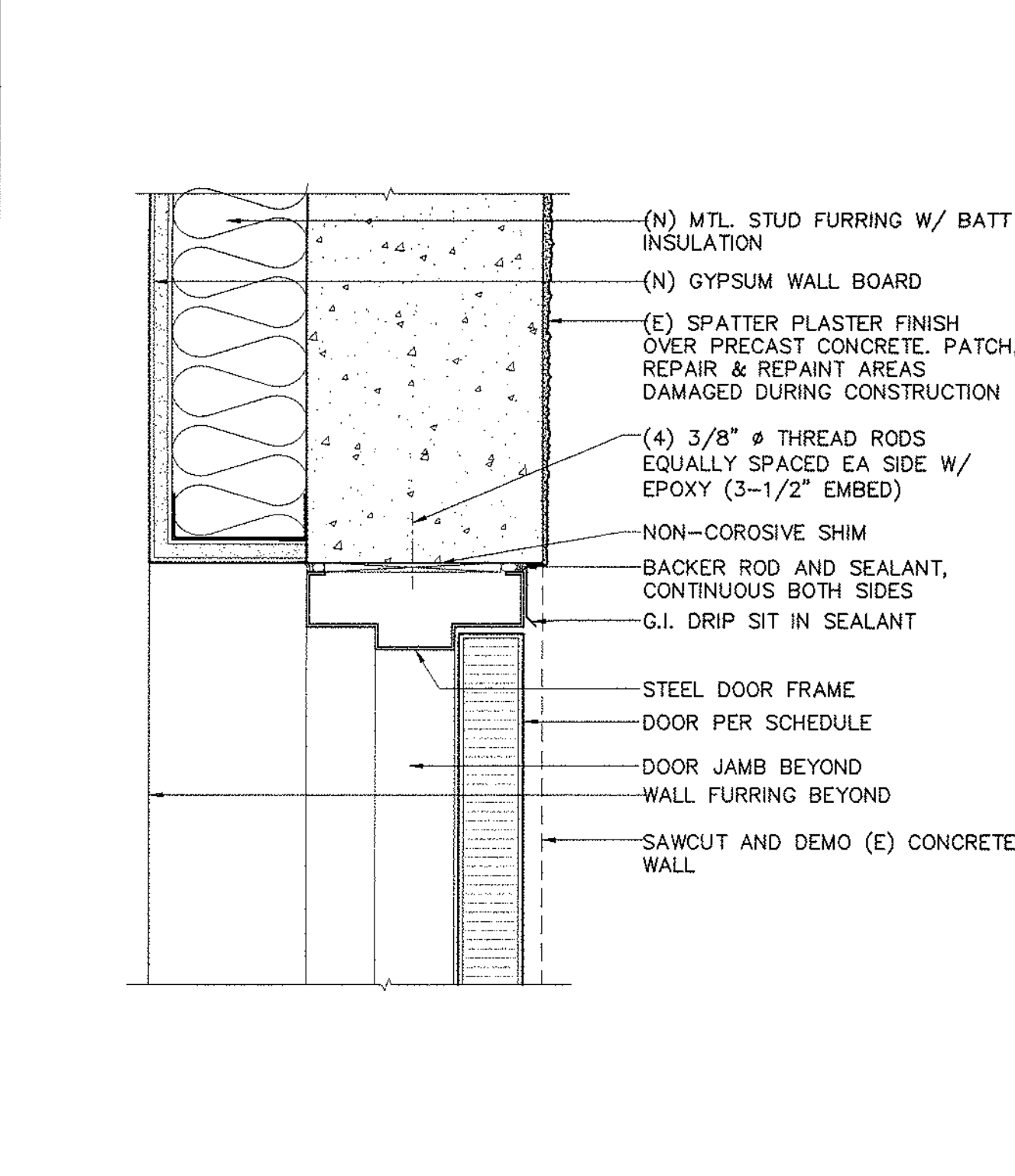
INTERIOR DOOR
HEAD & SILL
3\"/>

E3



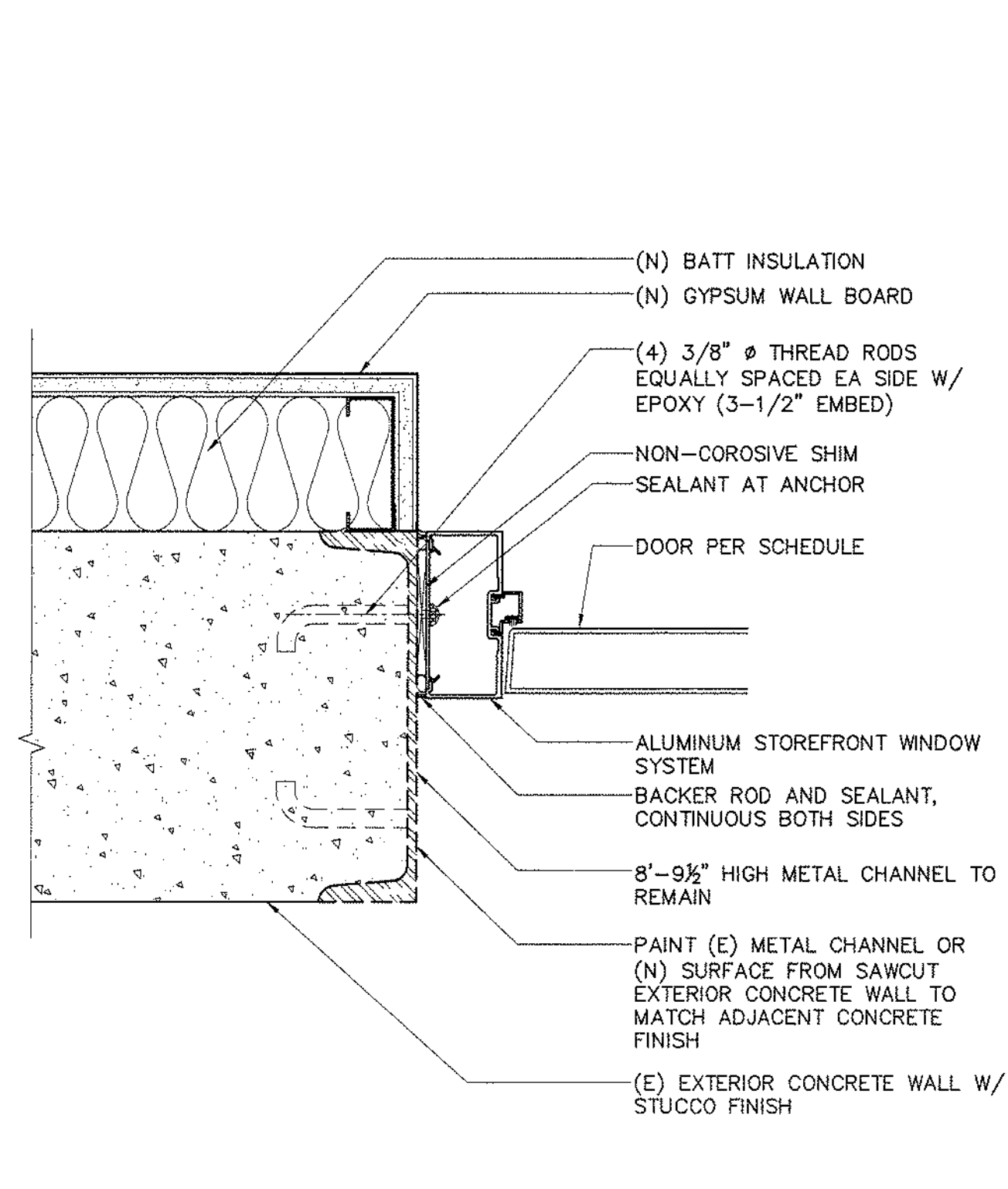
(N) STOREFRONT DOOR SILL
AT (E) SLIDING DOOR OPENING
3\"/>

D8



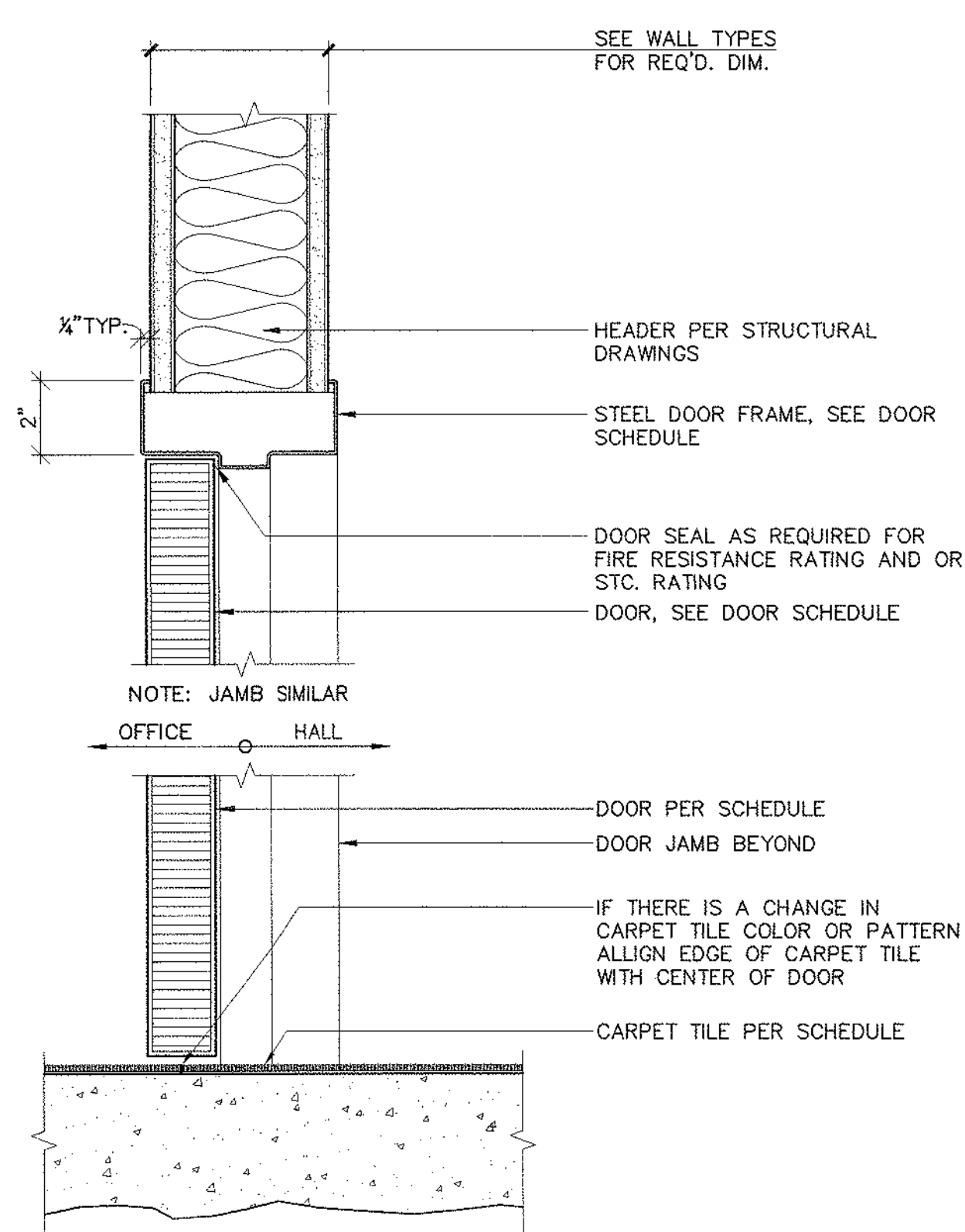
DOOR HEAD
AT (N) OPENING IN CONCRETE WALL
3\"/>

D5



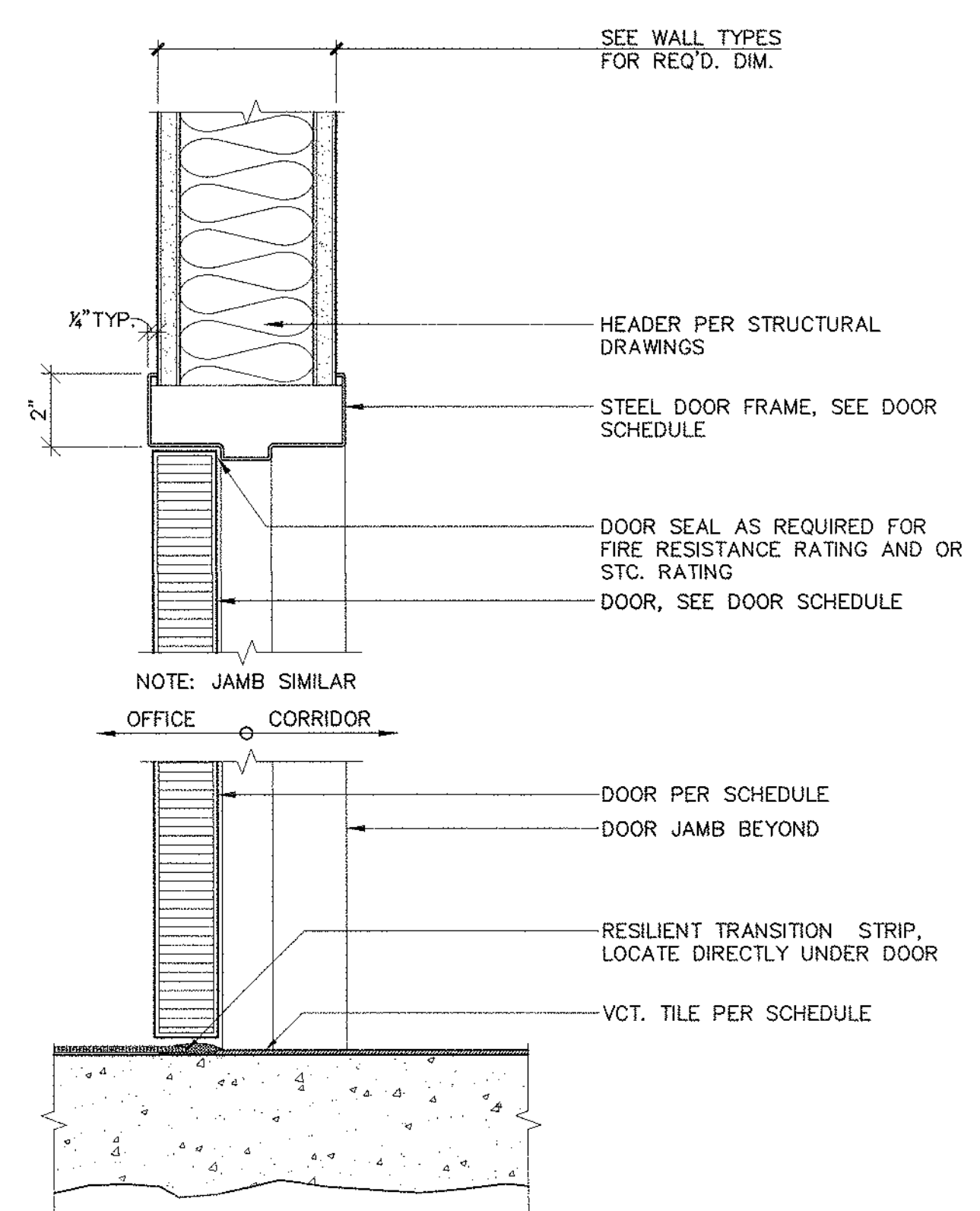
STOREFRONT DOOR JAMB
AT EXTERIOR CONCRETE WALL
3\"/>

D2



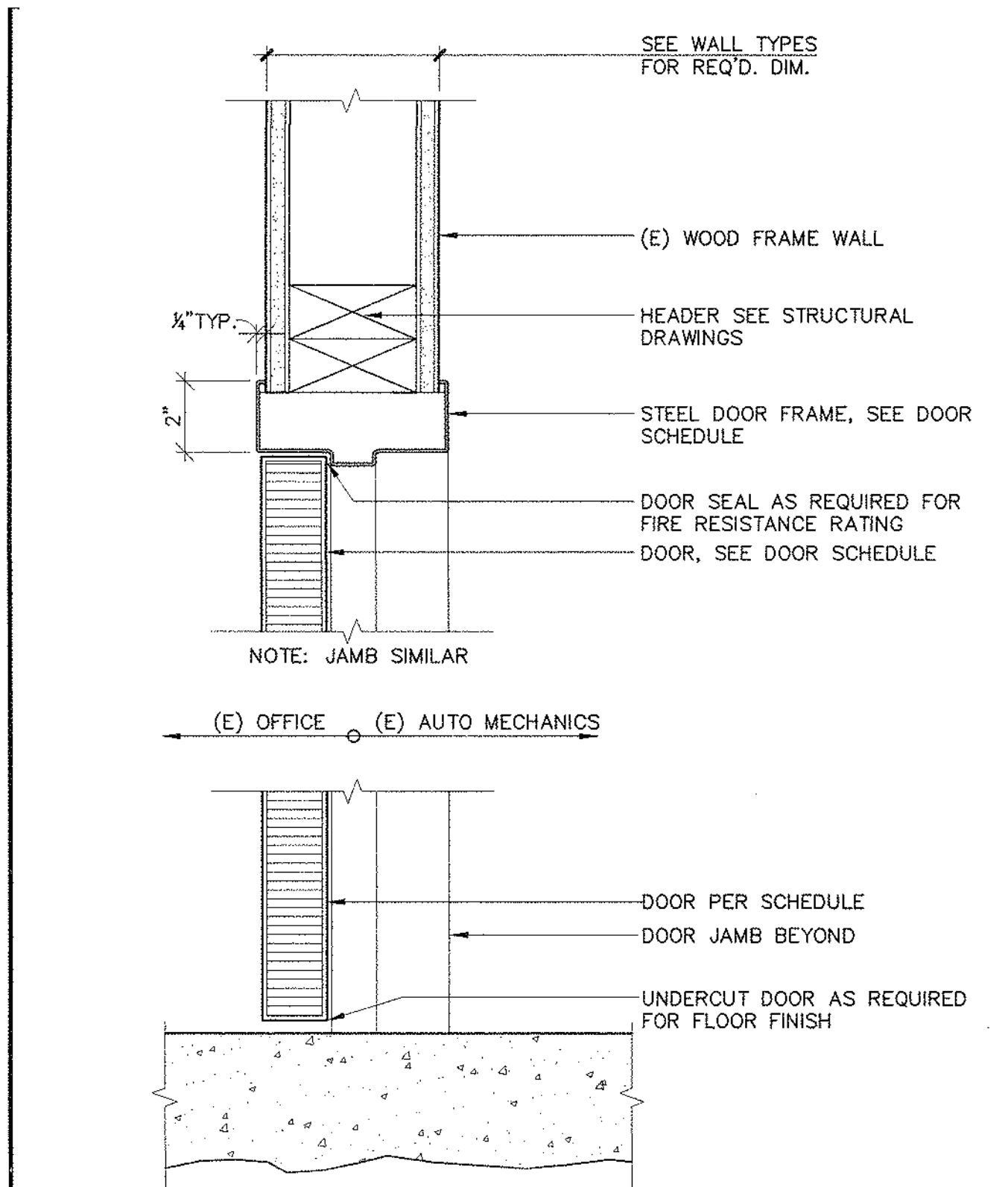
INTERIOR DOOR
HEAD & SILL
3\"/>

E7



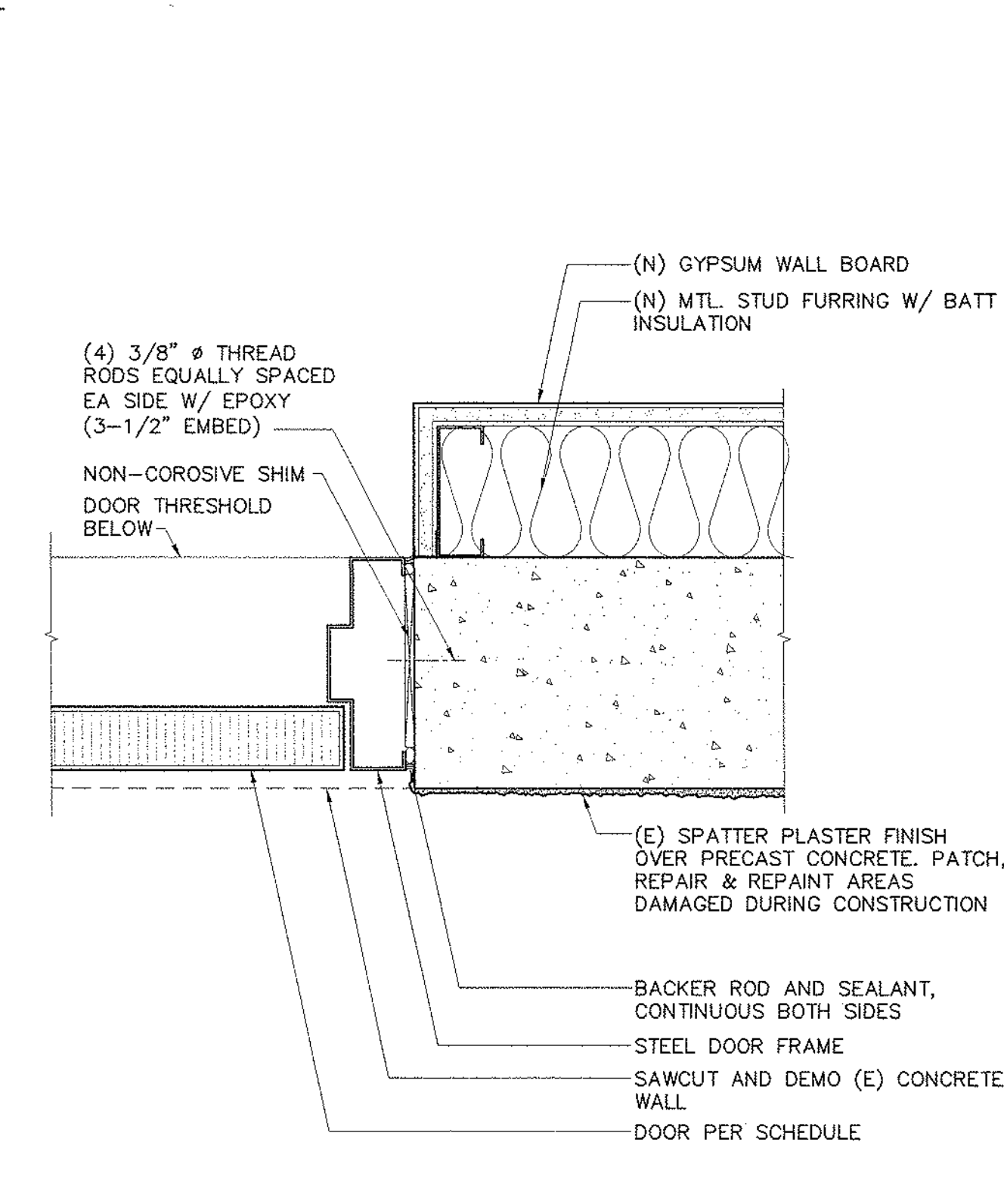
INTERIOR DOOR
HEAD & SILL
3\"/>

E4



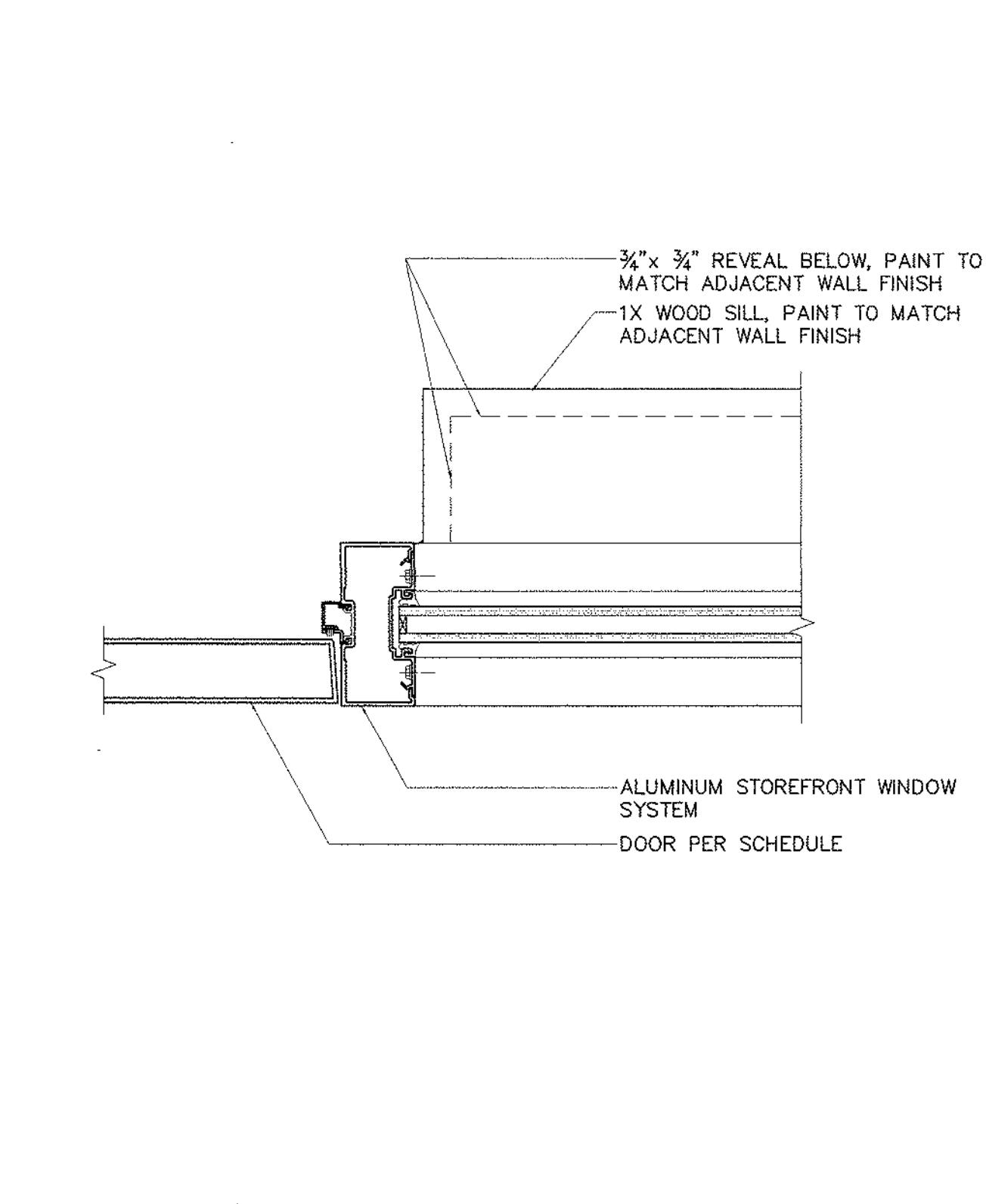
INTERIOR DOOR HEAD
3\"/>

E1



DOOR JAMB
AT (N) OPENING IN CONCRETE WALL
3\"/>

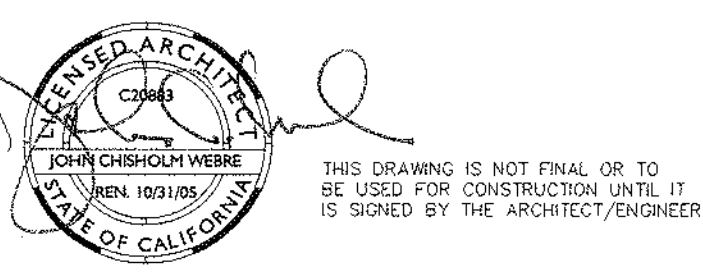
D6



STOREFRONT JAMB
3\"/>

D3

IDENTIFICATION STAMP
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OFFICE OF REGULATION SERVICES
A# 02-106610 (initials)
DATE 12/9/2004



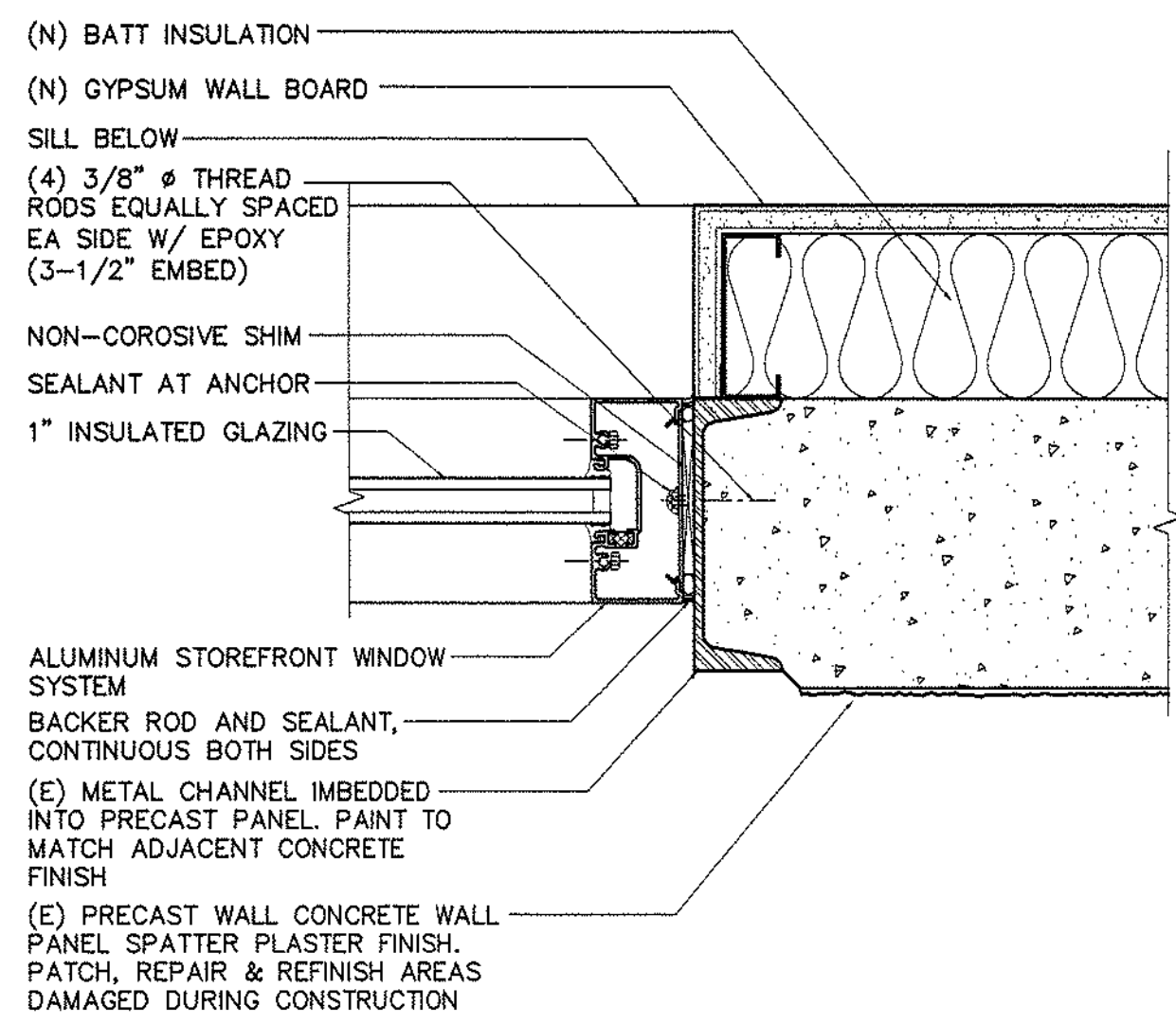
REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

DOOR DETAILS

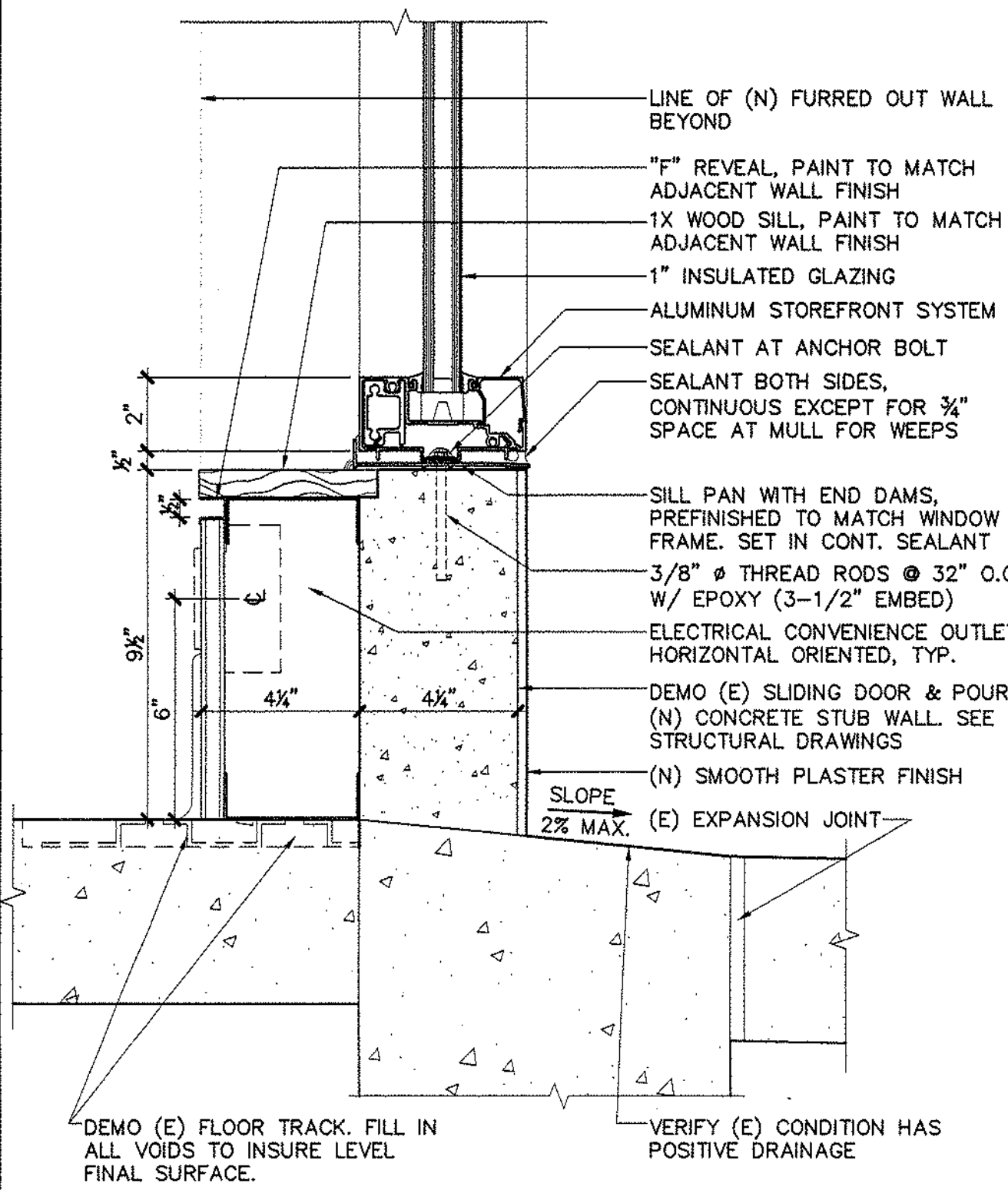
A4745.01
AS NOTED
09 DECEMBER 2004

A8.3



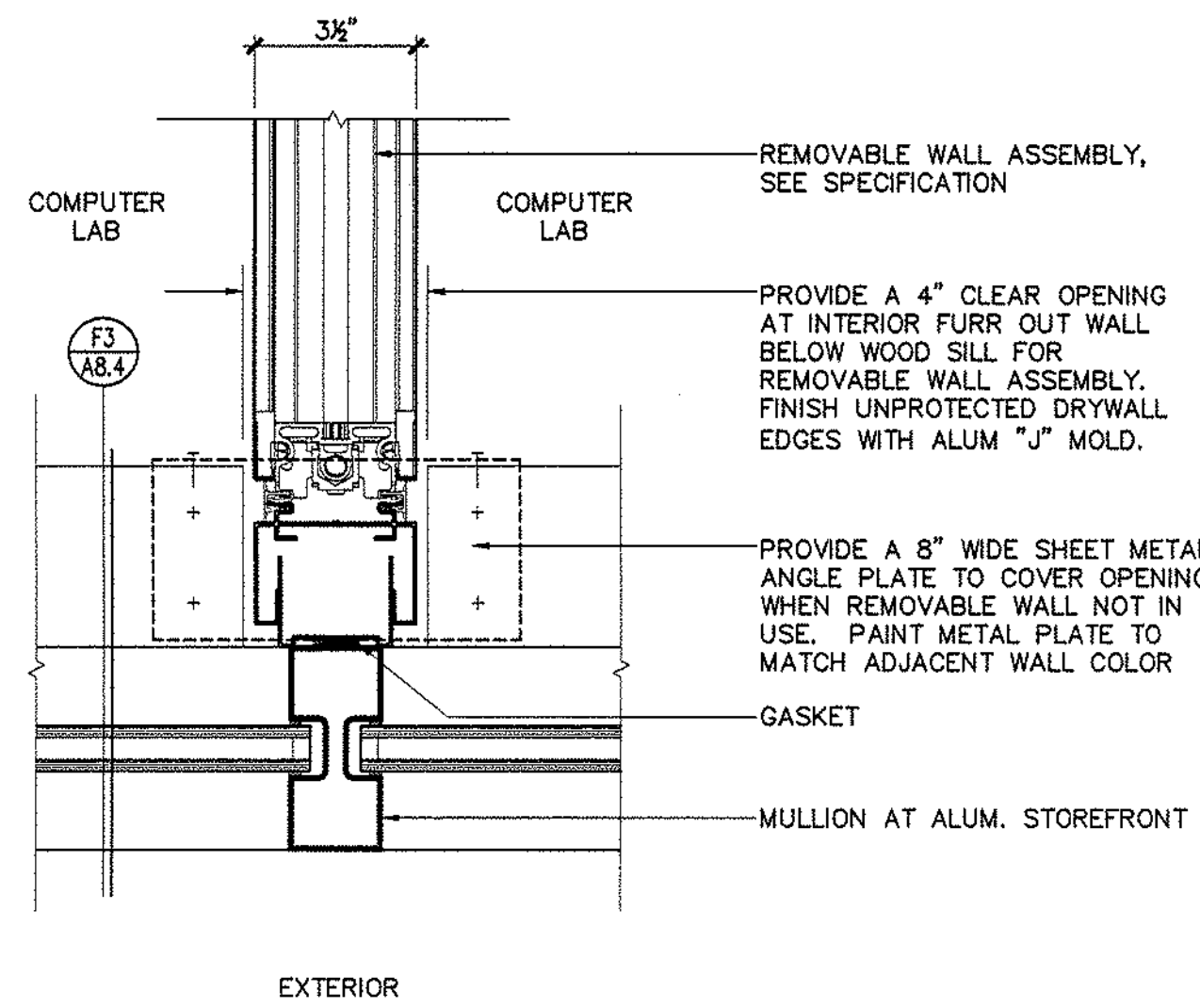
STOREFRONT JAMB
AT (E) DOUBLE DOOR OPENING
3\"/>

F13
A&T



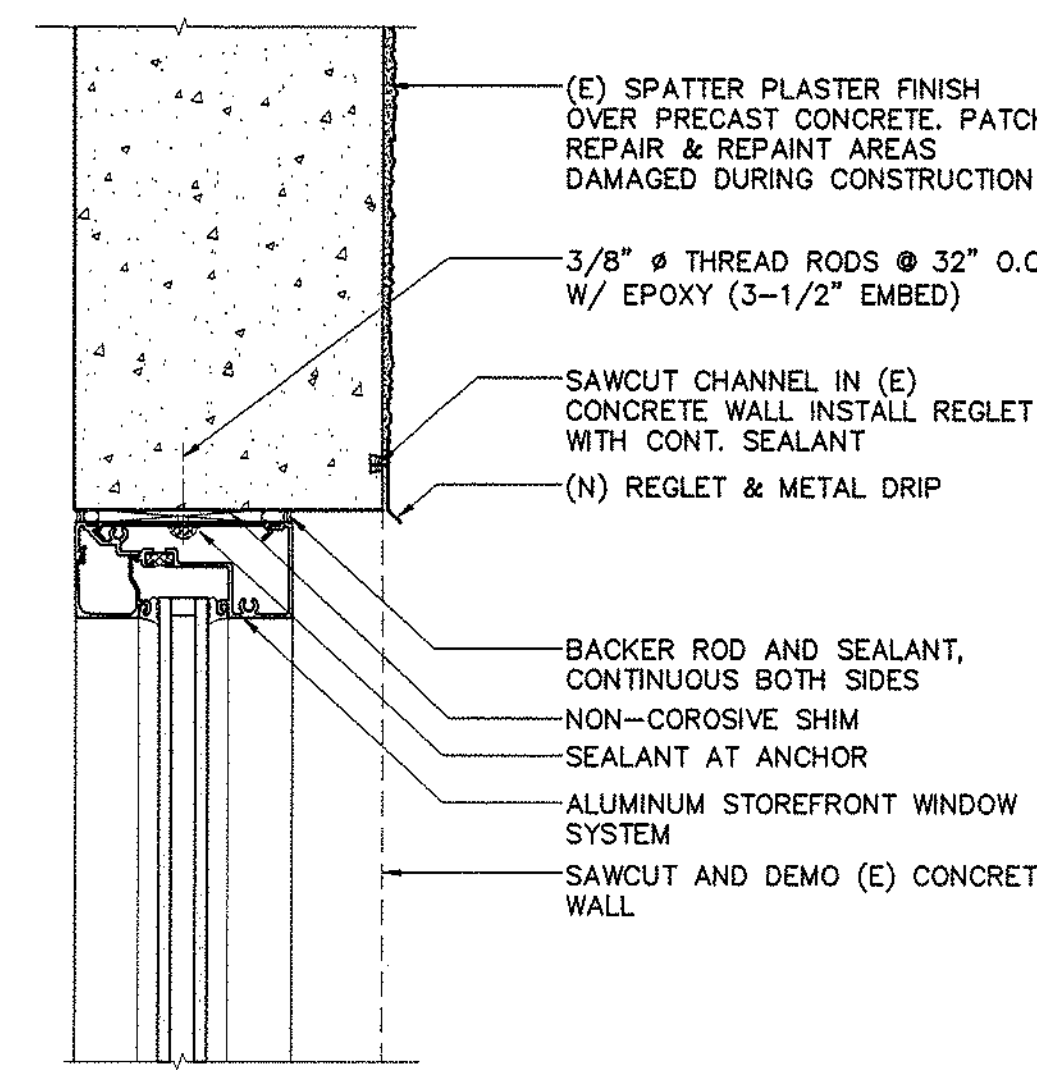
STOREFRONT SILL
@ (E) SLIDING DOOR OPENING
3\"/>

F10
A&T



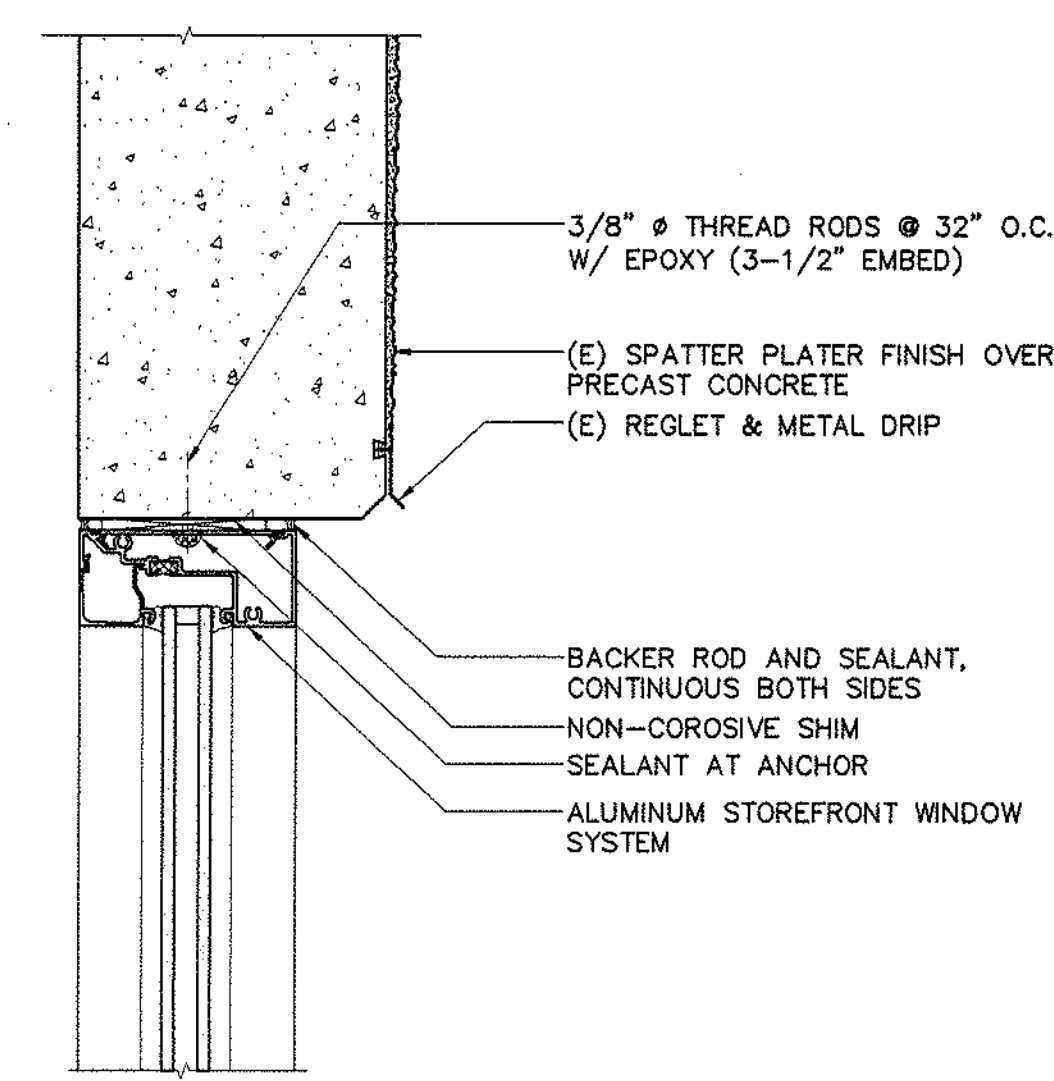
REMOVABLE WALL AT
STOREFRONT SILL
3\"/>

F7
A&T



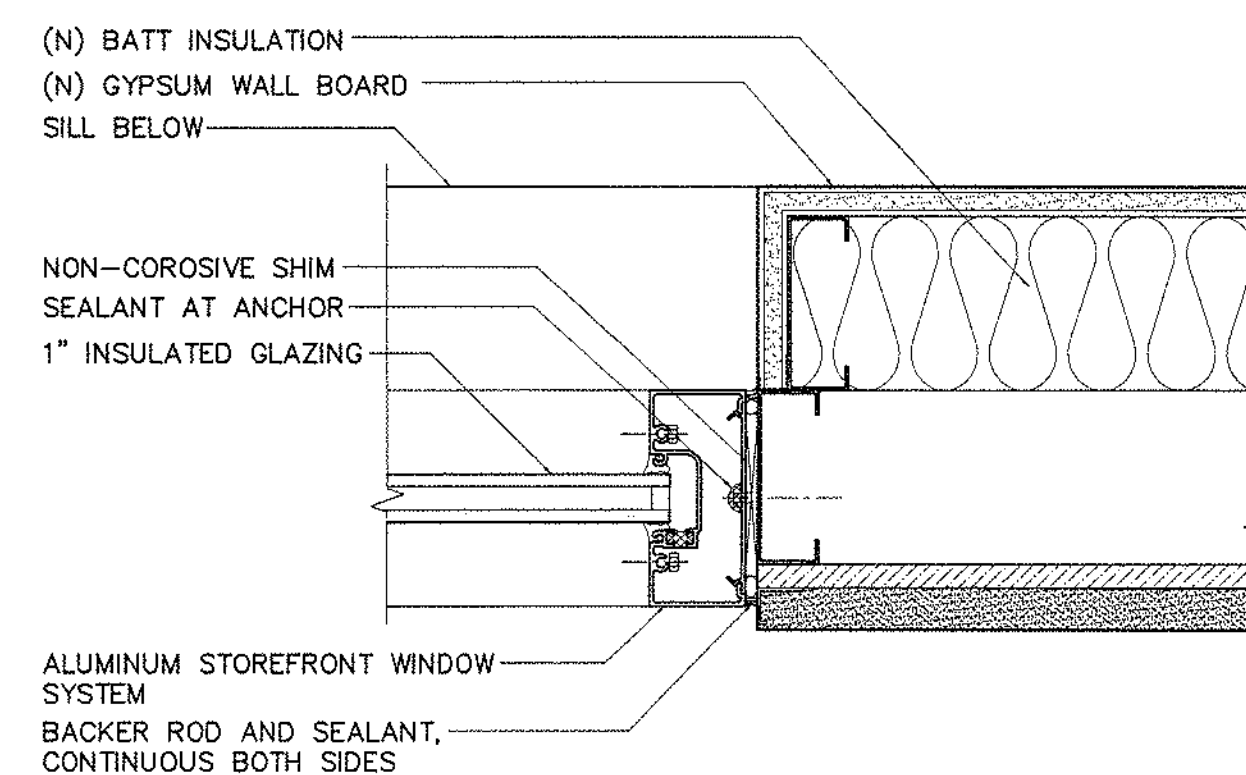
STOREFRONT HEAD
AT (N) OPENING IN CONCRETE WALL
6\"/>

F4
A&T



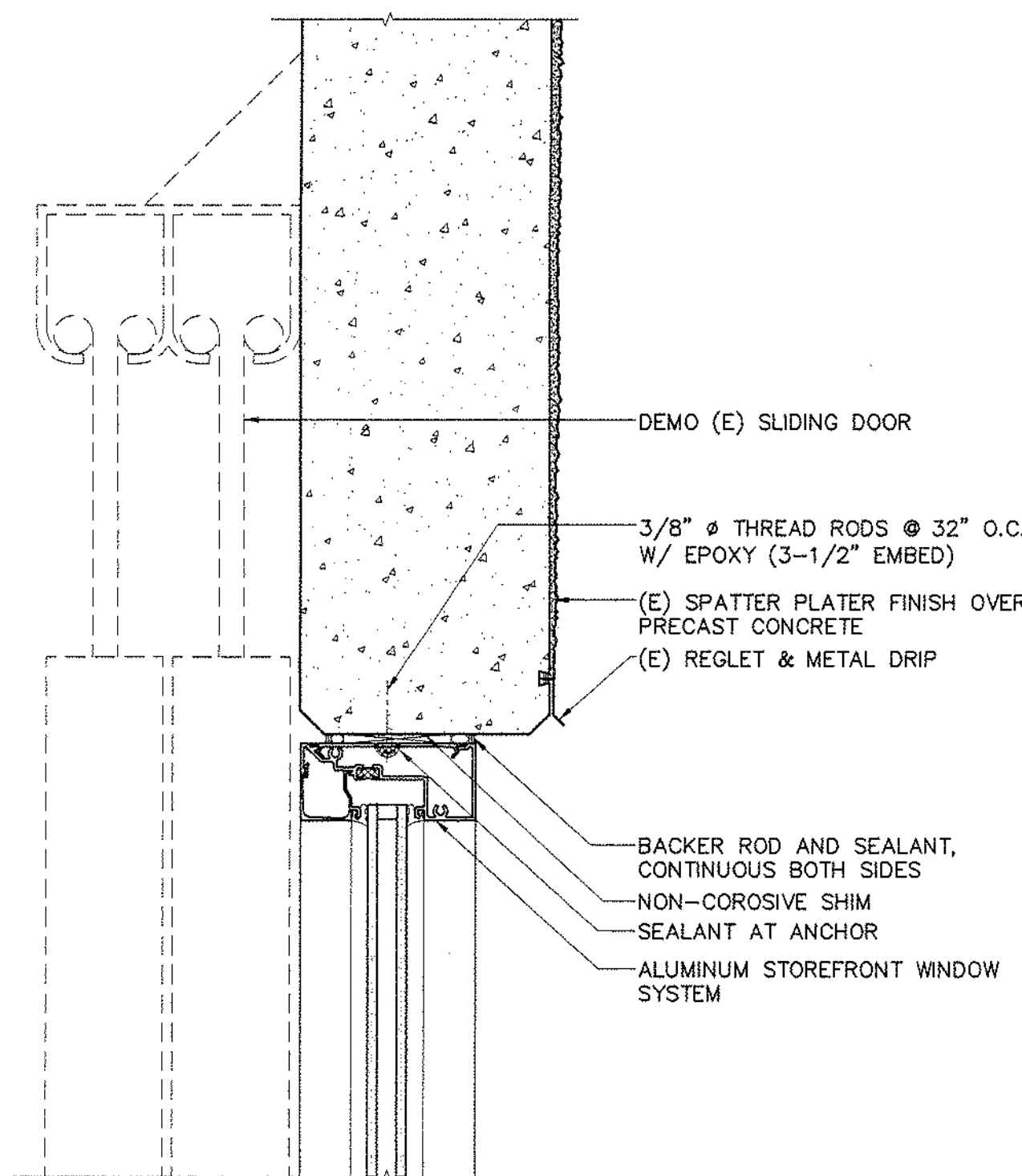
STOREFRONT HEAD
6\"/>

F1
A&T



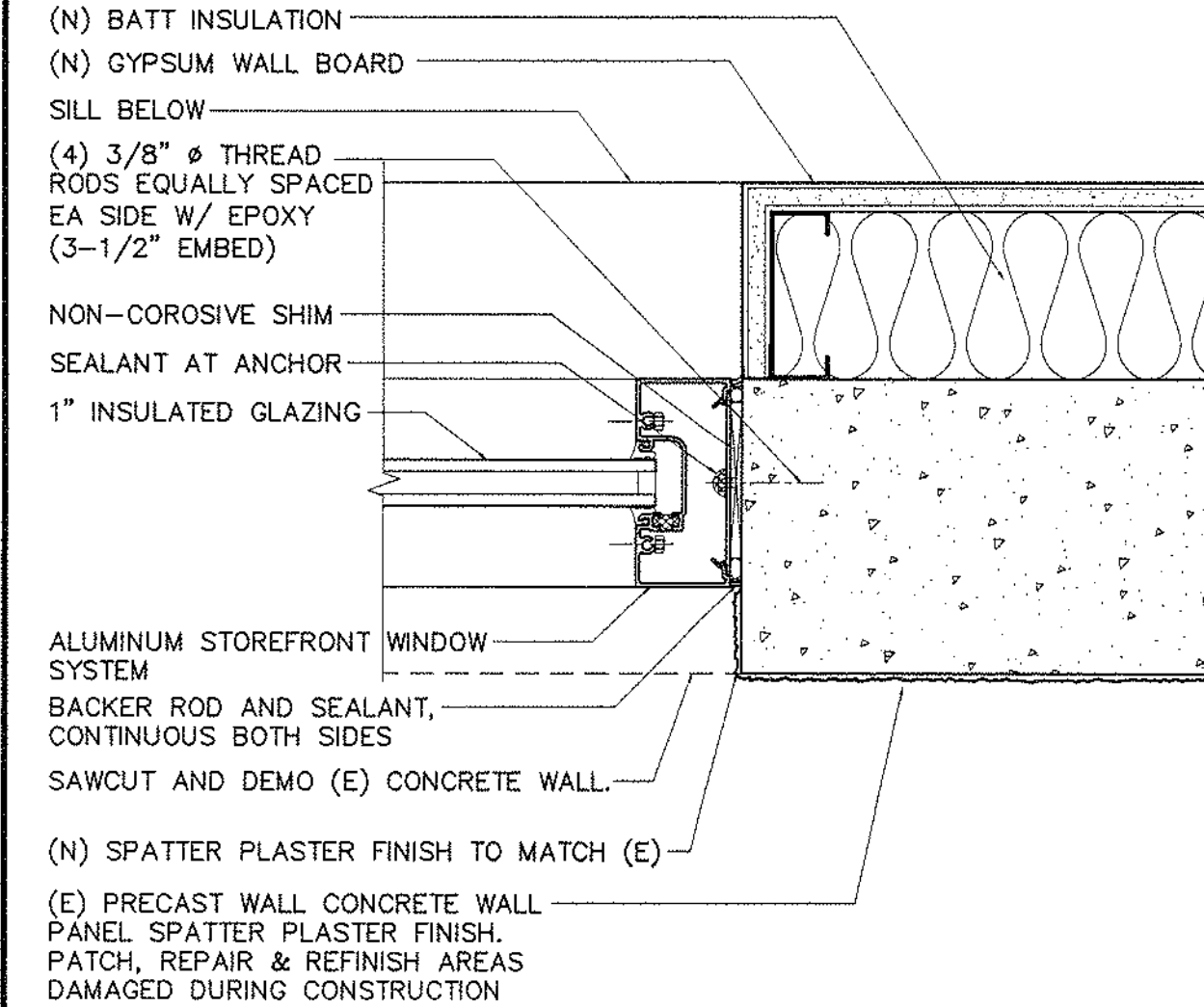
STOREFRONT JAMB
AT (N) WALL
3\"/>

F11
A&T



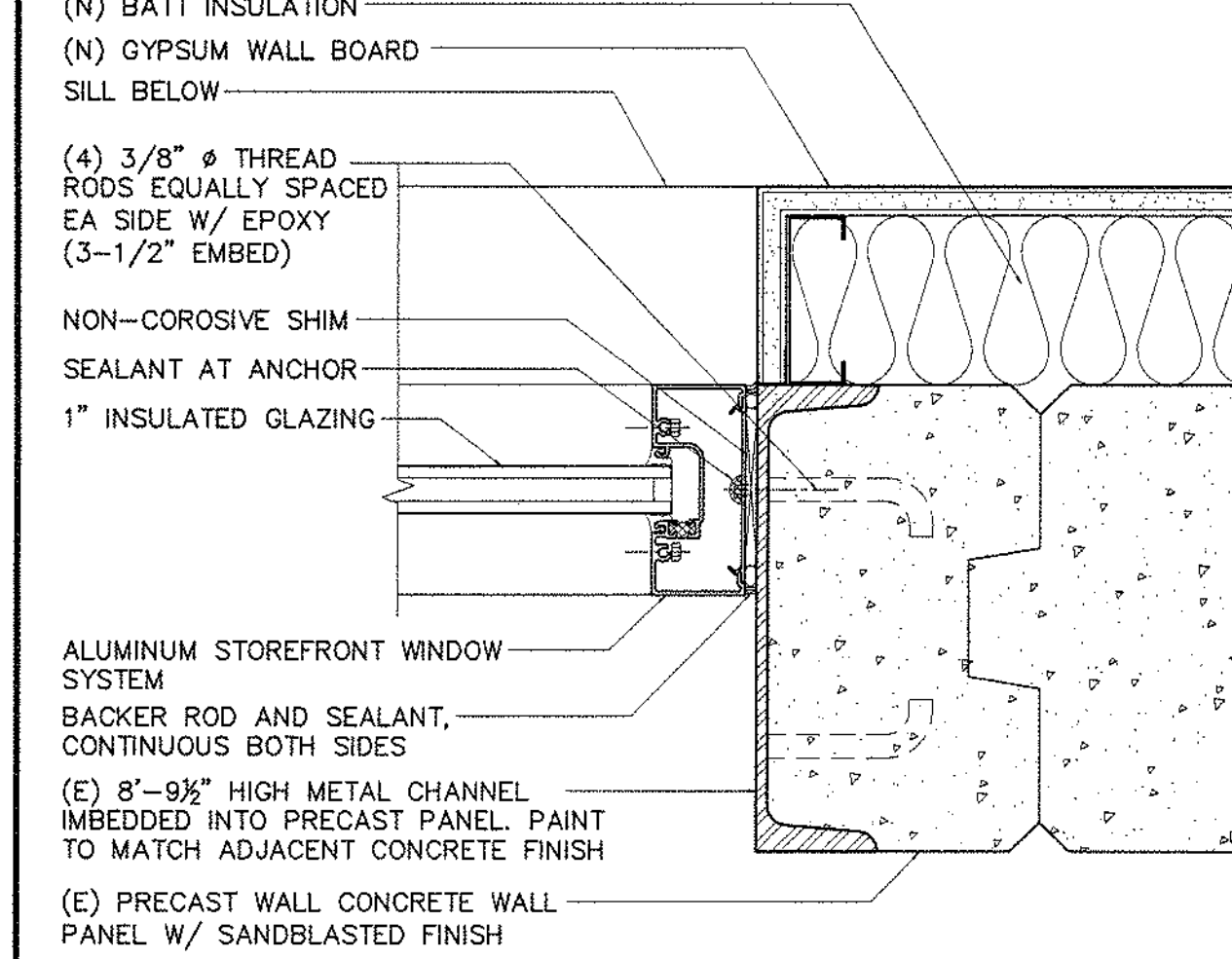
STOREFRONT HEAD
6\"/>

F8
A&T



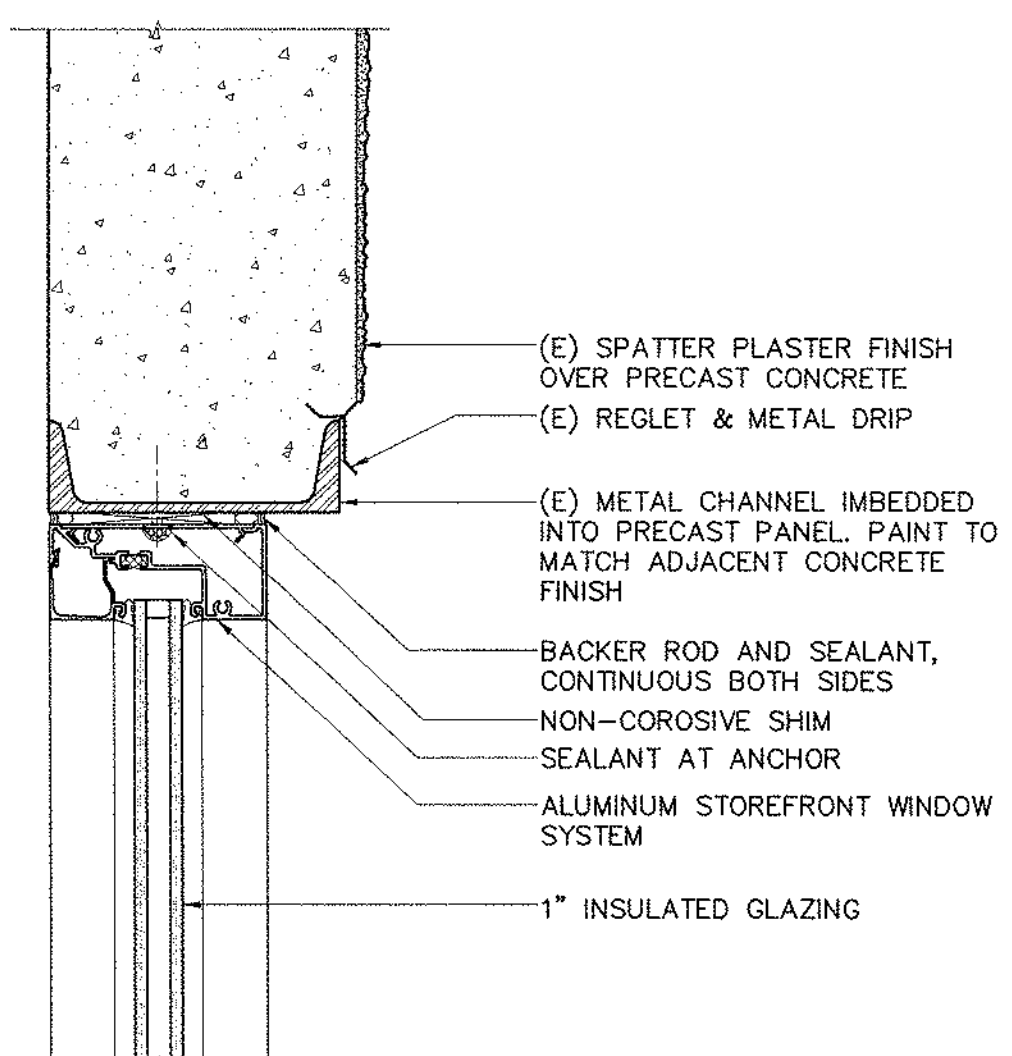
STOREFRONT JAMB
AT (E) ROLL-UP DOOR OPENING
3\"/>

F5
A&T



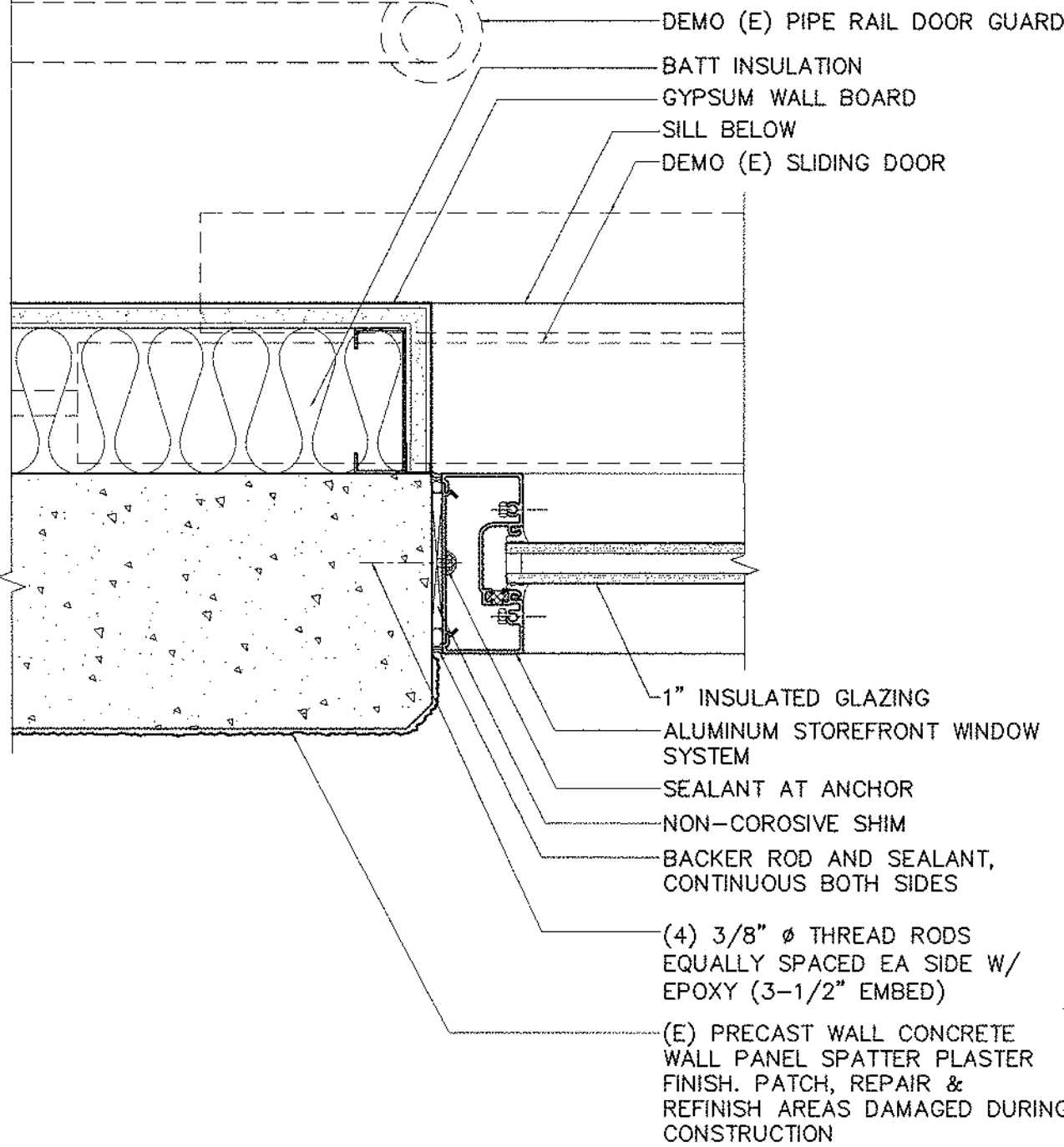
STOREFRONT JAMB
AT (E) ROLL-UP DOOR OPENING
3\"/>

F2
A&T



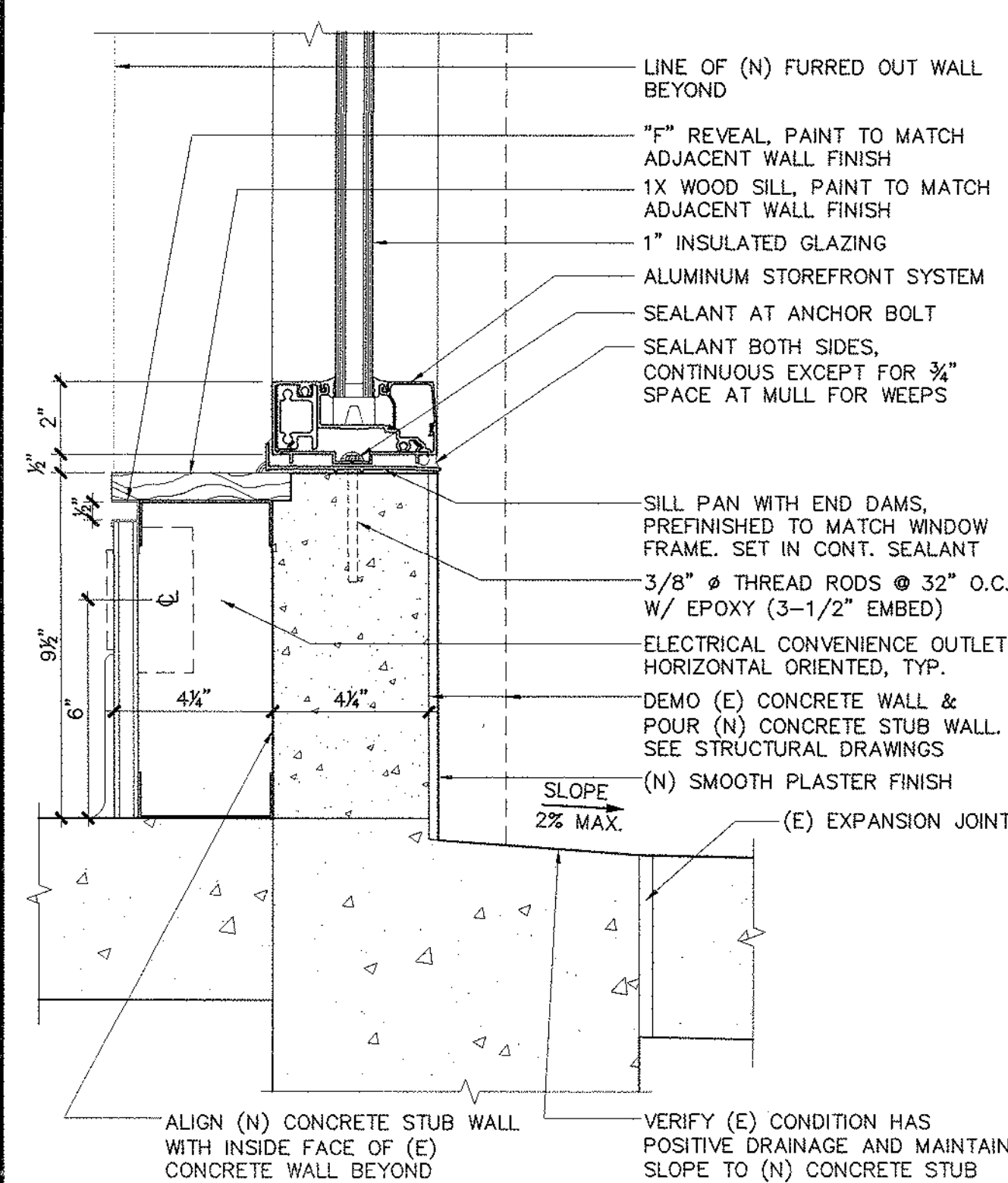
STOREFRONT HEAD
AT (E) DOOR OPENING
6\"/>

F12
A&T



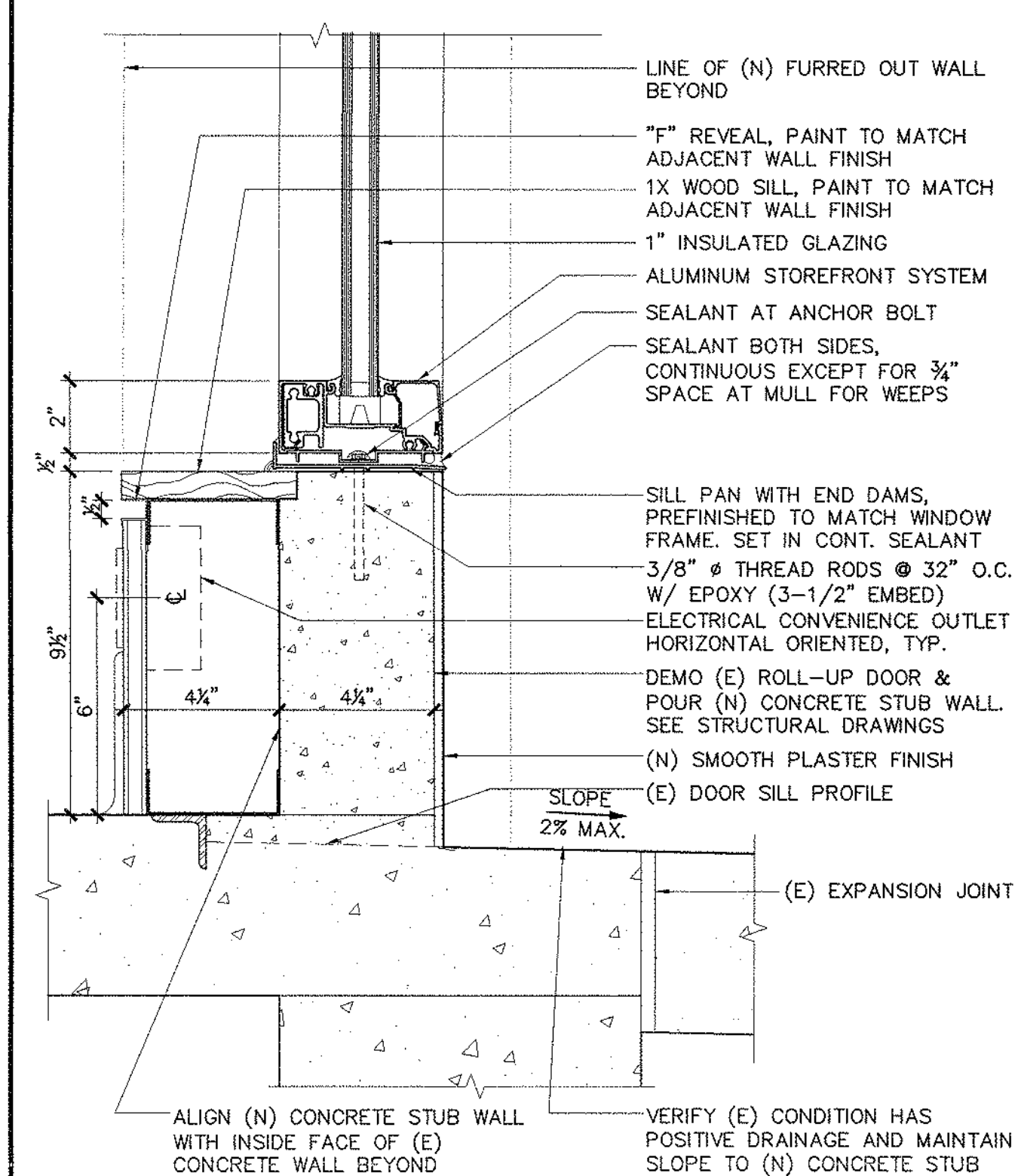
STOREFRONT JAMB
AT (E) SLIDING DOOR OPENING
3\"/>

F9
A&T



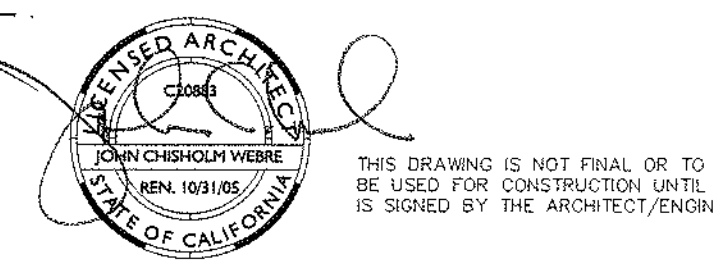
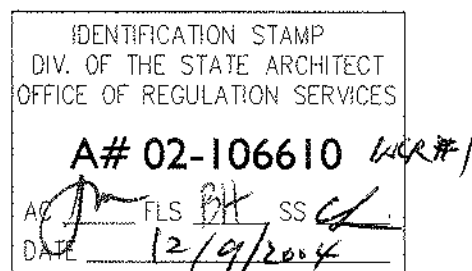
STOREFRONT SILL
@ (N) CONCRETE WALL OPENING
6\"/>

F6
A&T



STOREFRONT SILL
6\"/>

F3
A&T



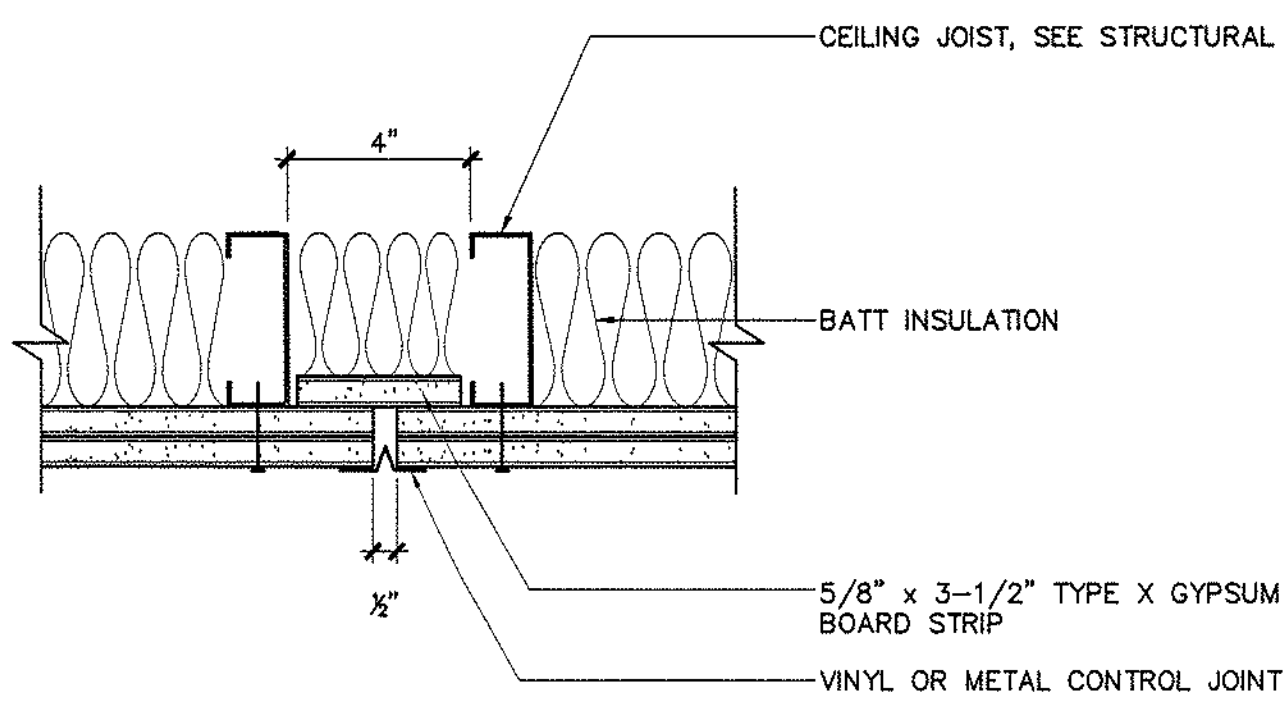
REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

EXTERIOR WINDOW
DETAILS

A4745.01
AS NOTED
09 DECEMBER 2004

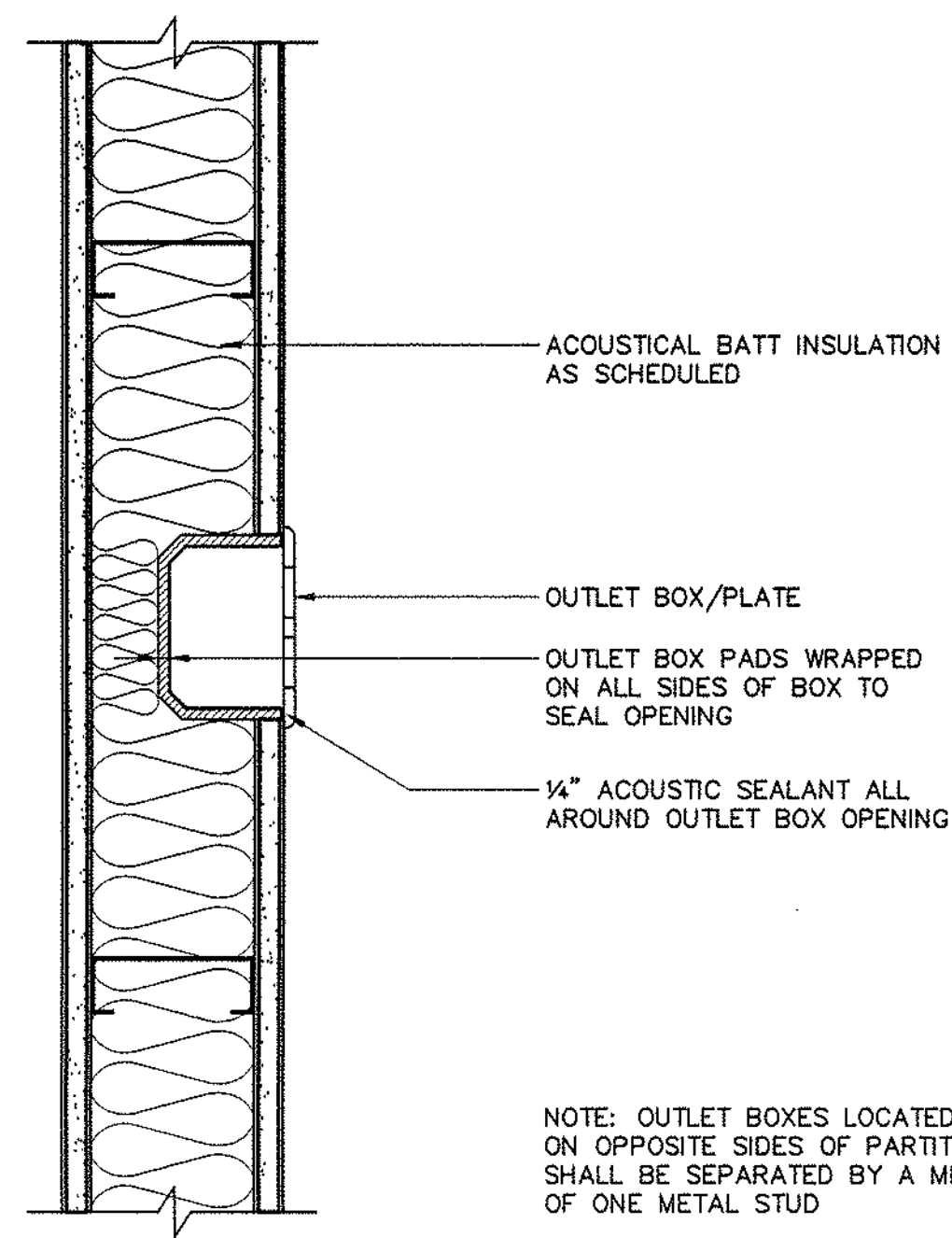
A8.4



REFERENCE NOTES
GA FILE NO. (GA-234-98)

CONTROL JOINTS FOR
GYP. BD. CEILING
3'-1'-0"

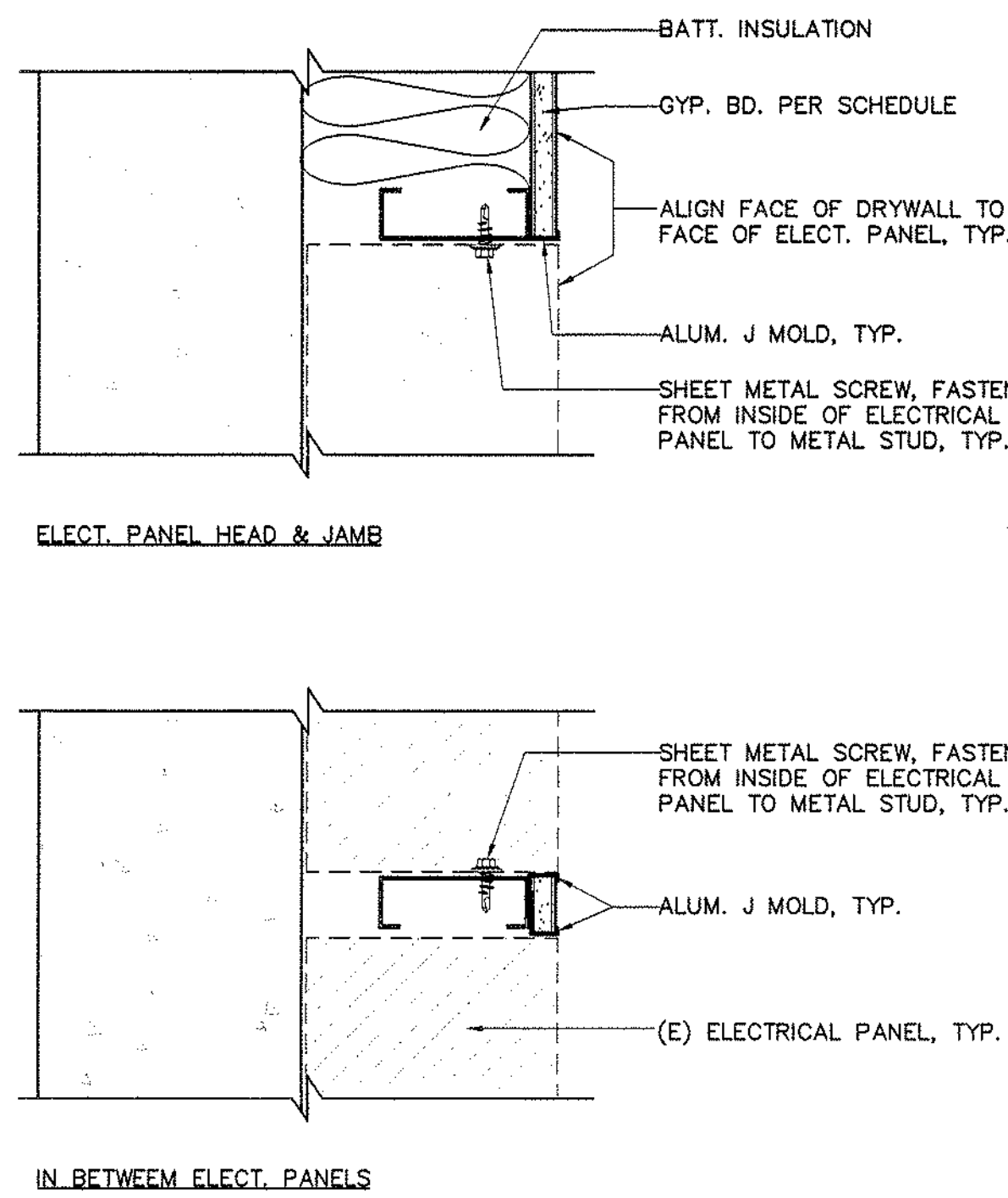
C15



NOTE: OUTLET BOXES LOCATED ON OPPOSITE SIDES OF PARTITION SHALL BE SEPARATED BY A MIN. OF ONE METAL STUD

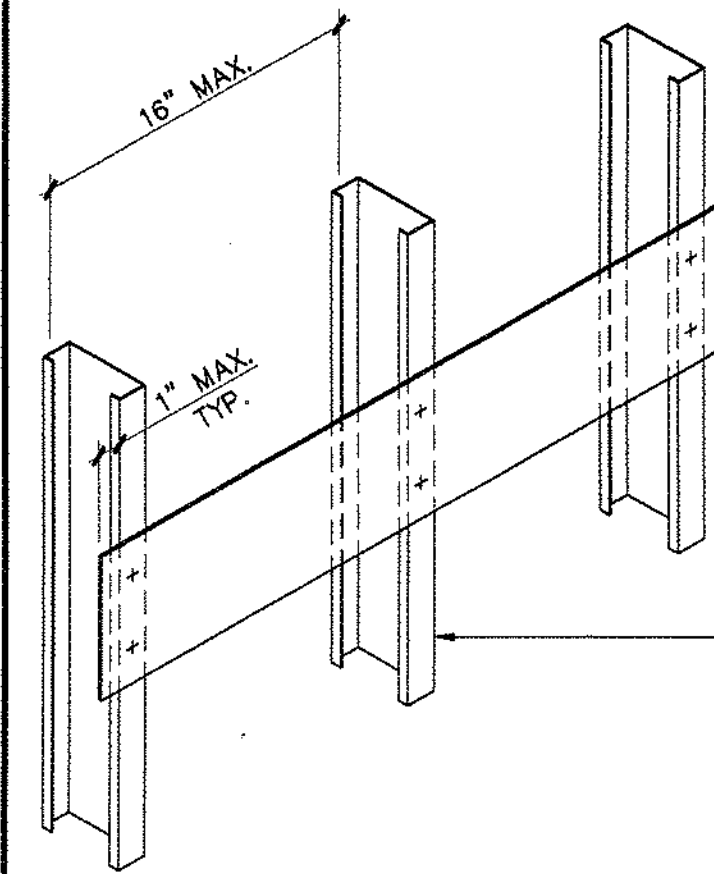
TYPICAL SOUND TREATMENT @
ACOUSTICAL PARTITION OPENINGS
3'-1'-0"

C10



FURR OUT WALL AROUND (E)
ELECTRICAL PANEL
3'-1'-0"

C7

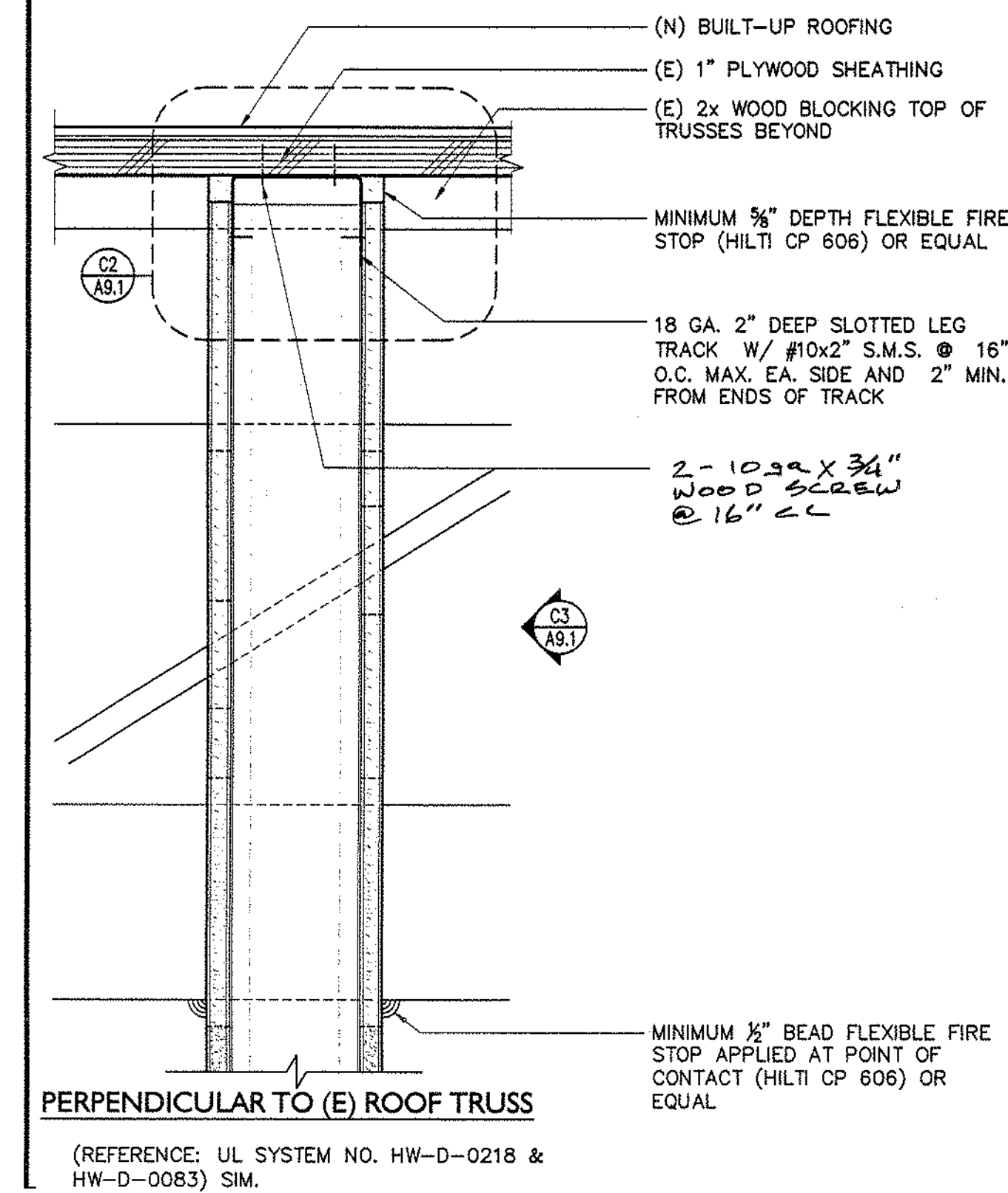


- BACKING PLATE-LIGHT**
1. FOR SURFACE MOUNTED LIGHT WEIGHT ITEMS
 2. SEE PARTITION TYPES FOR STUD SIZE ONLY
 3. VERIFY LENGTH, HEIGHT, LOCATION & QUANTITY OF BACKING PLATES REQ'D. W/ ITEM MANUFACTURERS
 4. USE 6"x16 GA. STEEL BACKING PLATE. SPAN OVER MIN. OF 3 STUDS - FASTEN W/ (2) 1/4" PAN HEAD SCREWS PER STUD
 5. ATTACH ITEMS TO BACKING PLATE/STUD W/ #12 S.M.S. TYP.

MAX. WT. 75 LBS

TYPICAL BACKING PLATE
LIGHT
11'-2"-1'-0"

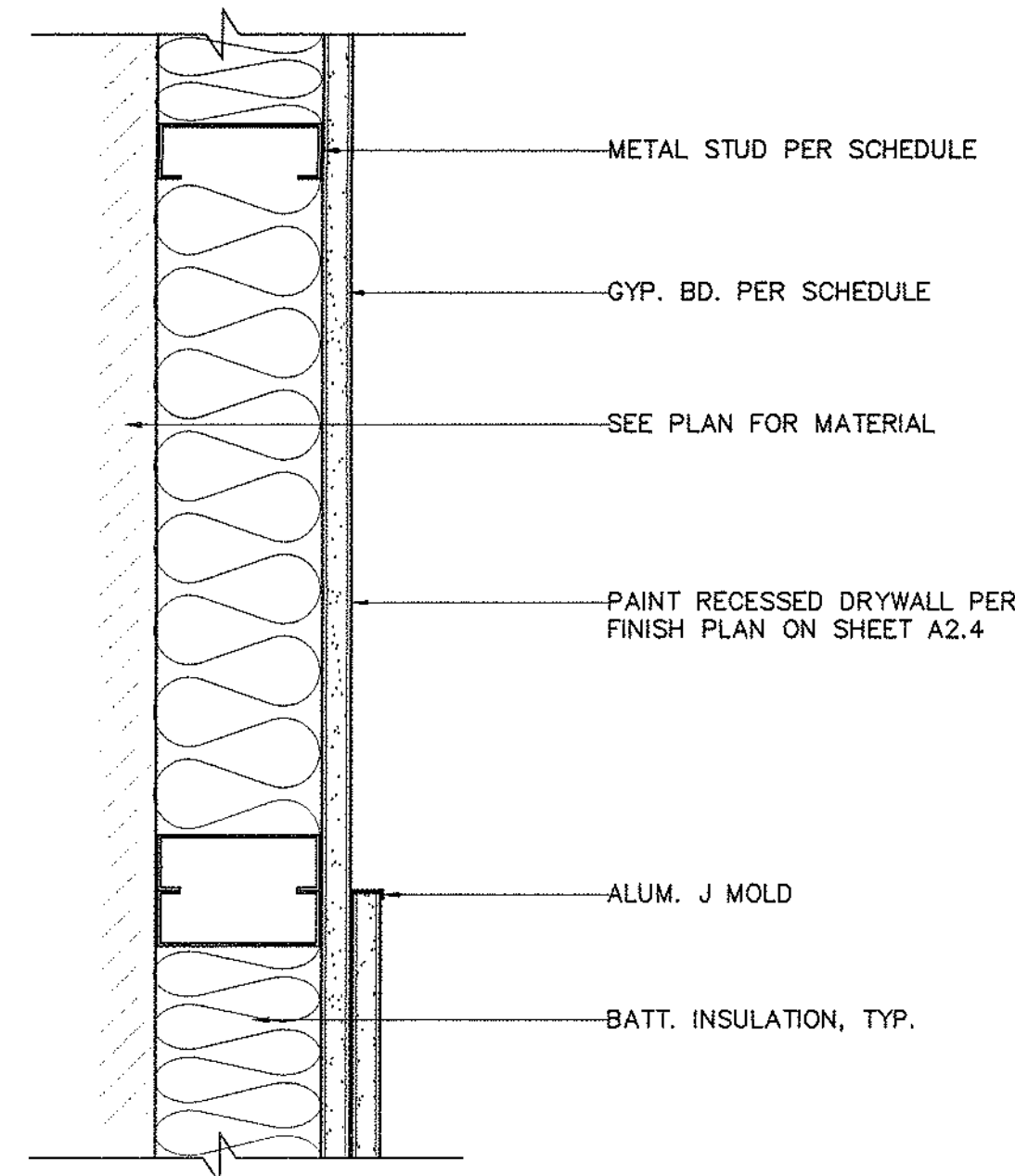
C4



PERPENDICULAR TO (E) ROOF TRUSS
(REFERENCE: UL SYSTEM NO. HW-D-0218 & HW-D-0083) SIM.

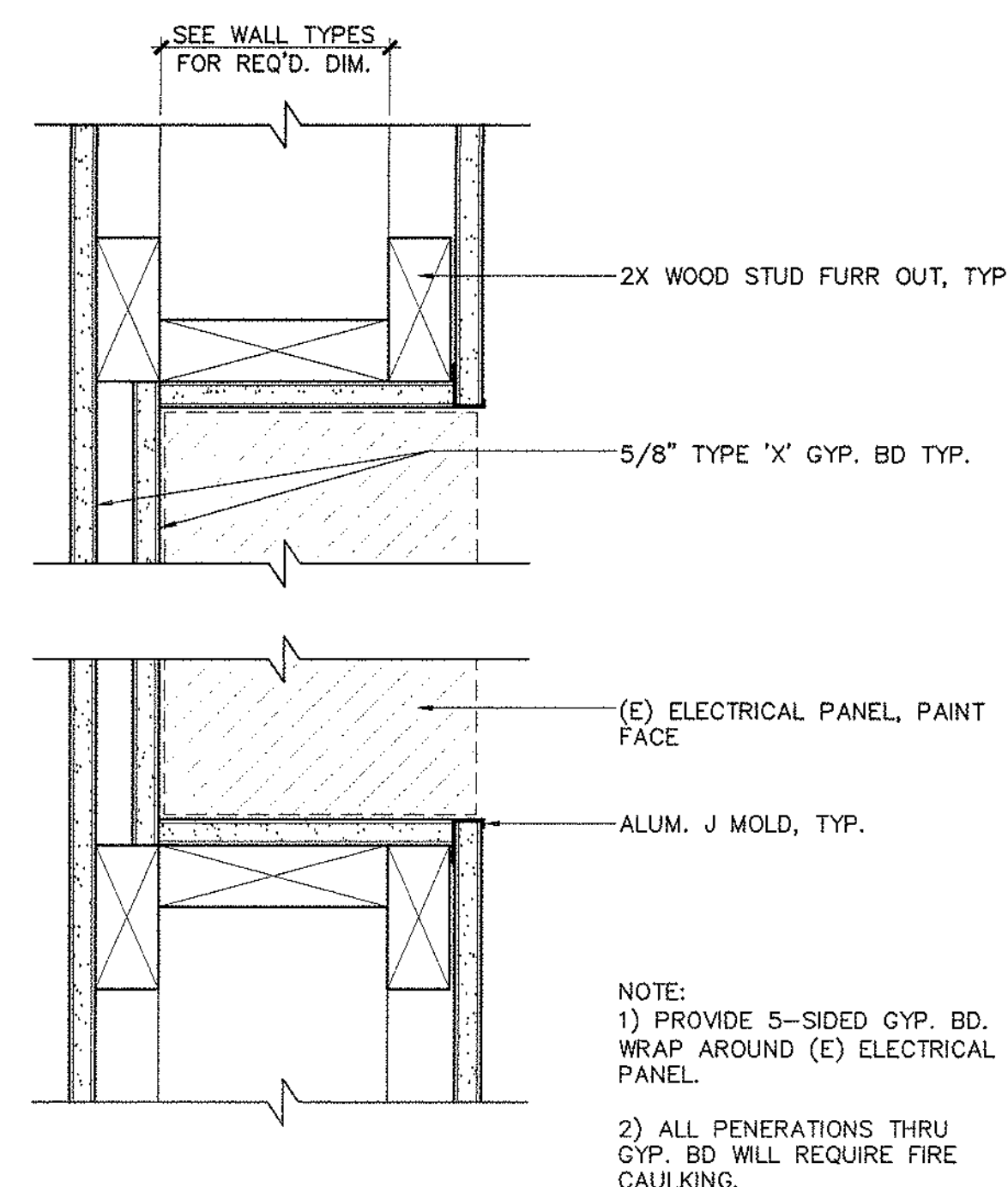
1 HR. RATED INTERIOR PARTITION
SLOTTED TRACK CONNECTION
3'-1'-0"

C1



ACCENT COLOR STRIP DETAIL
3'-1'-0"

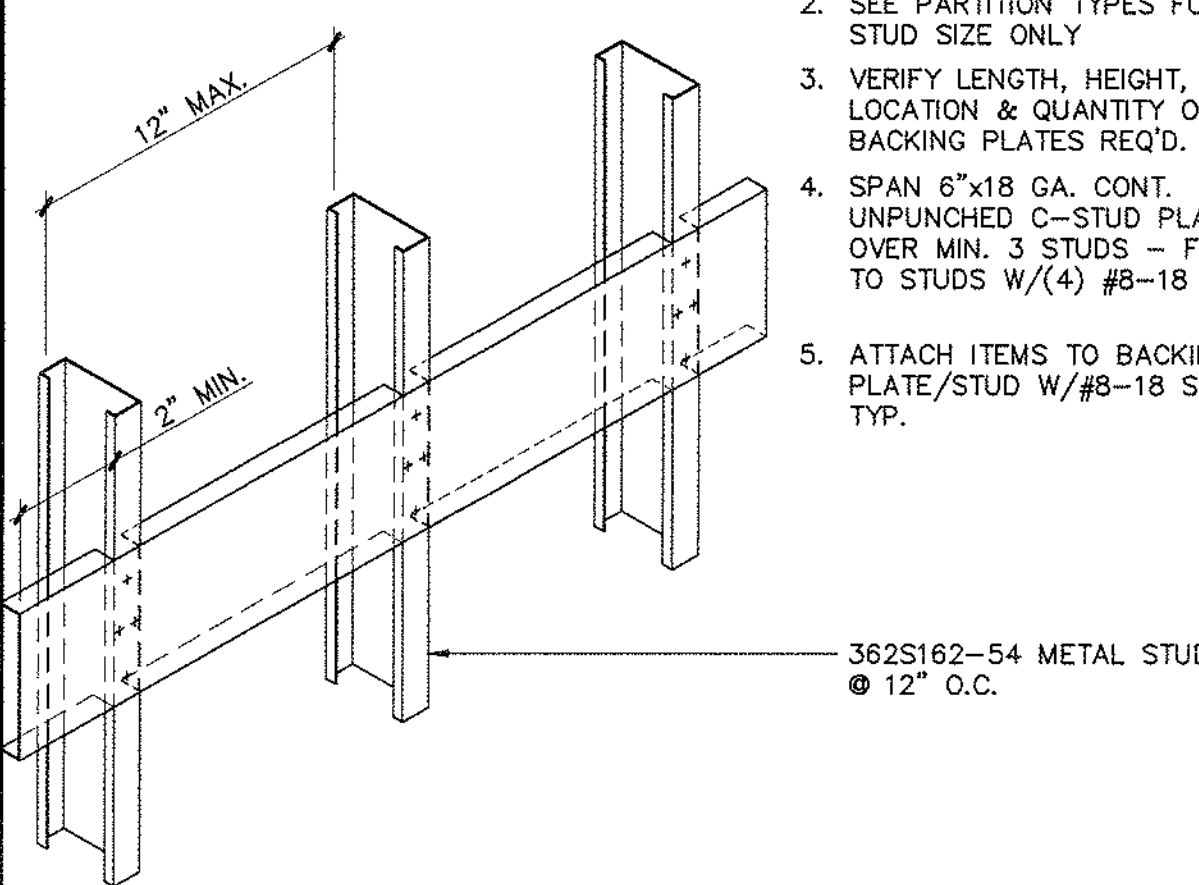
C13



NOTE:
1) PROVIDE 5-SIDED GYP. BD. WRAP AROUND (E) ELECTRICAL PANEL.
2) ALL PENETRATIONS THRU GYP. BD WILL REQUIRE FIRE CAULKING.

RECESSED ELECTRICAL SUB PANEL
@ FIRE RATED PARTITIONS
3'-1'-0"

C8

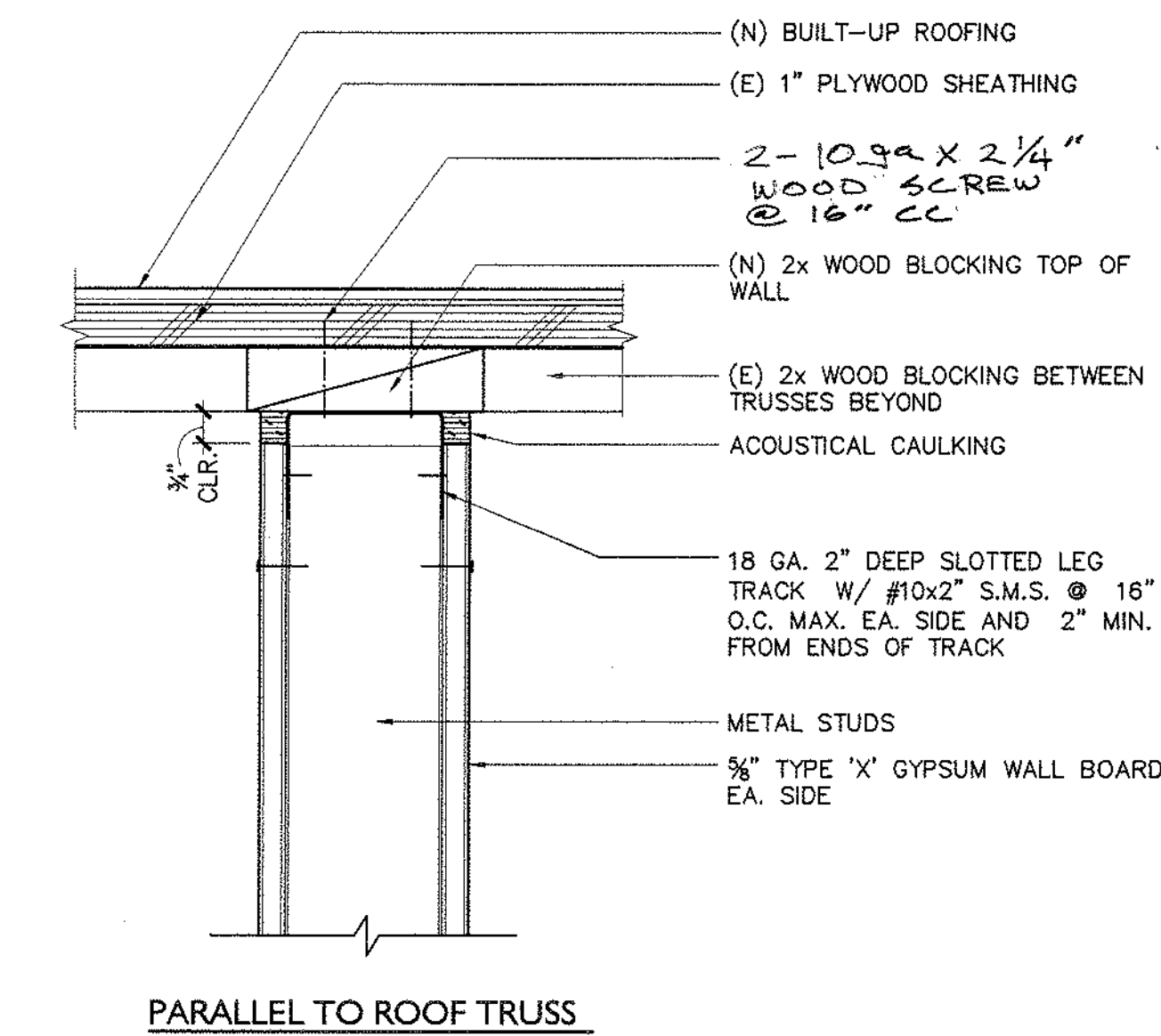


- BACKING PLATE-MEDIUM**
1. FOR CLASSROOM WHITE BOARD
 2. SEE PARTITION TYPES FOR STUD SIZE ONLY
 3. VERIFY LENGTH, HEIGHT, LOCATION & QUANTITY OF BACKING PLATES REQ'D.
 4. SPAN 6"x18 GA. CONT. UNPUNCHED C-STUD PLATE OVER MIN. 3 STUDS - FASTEN TO STUDS W/ (4) #8-18 S.M.S. TYP.
 5. ATTACH ITEMS TO BACKING PLATE/STUD W/ #8-18 S.M.S. TYP.

362S162-54 METAL STUD @ 12" O.C.

TYPICAL BACKING PLATE
MEDIUM
11'-2"-1'-0"

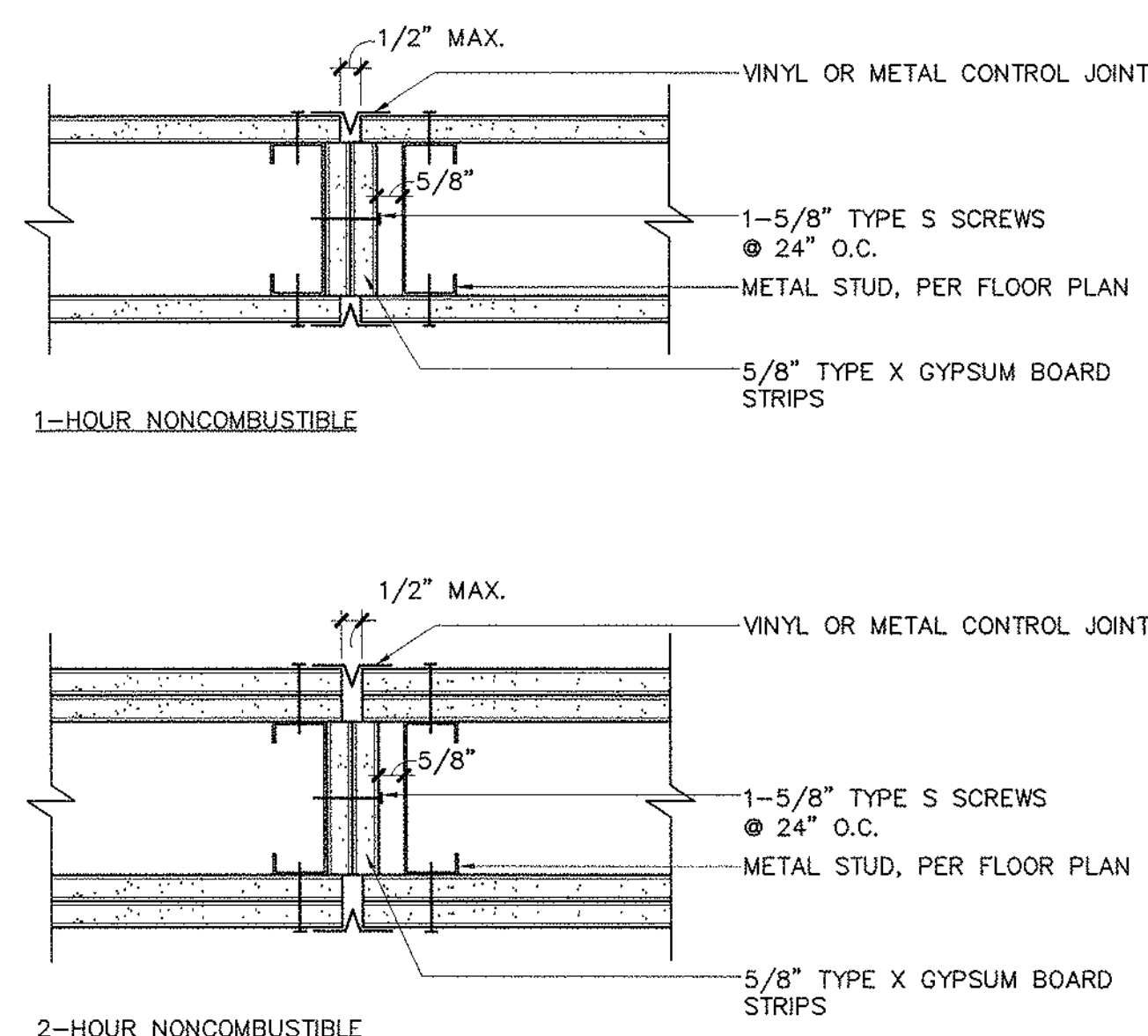
C5



PARALLEL TO ROOF TRUSS

1 HR. RATED INTERIOR PARTITION
SLOTTED TRACK CONNECTION
3'-1'-0"

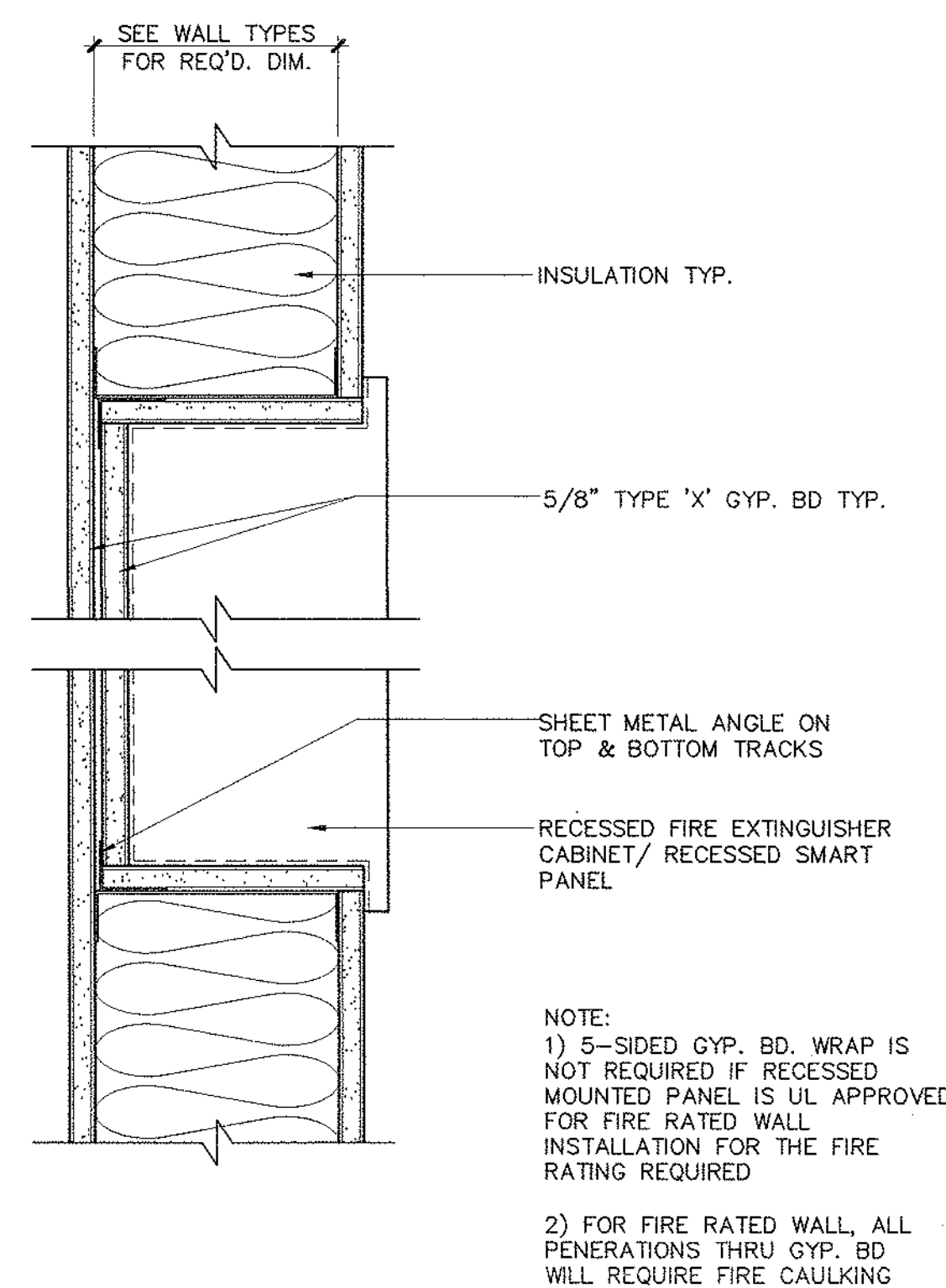
C2



REFERENCE NOTES
GA FILE NO. (GA-234-98)

CONTROL JOINTS FOR
FIRE RATED WALL
3'-1'-0"

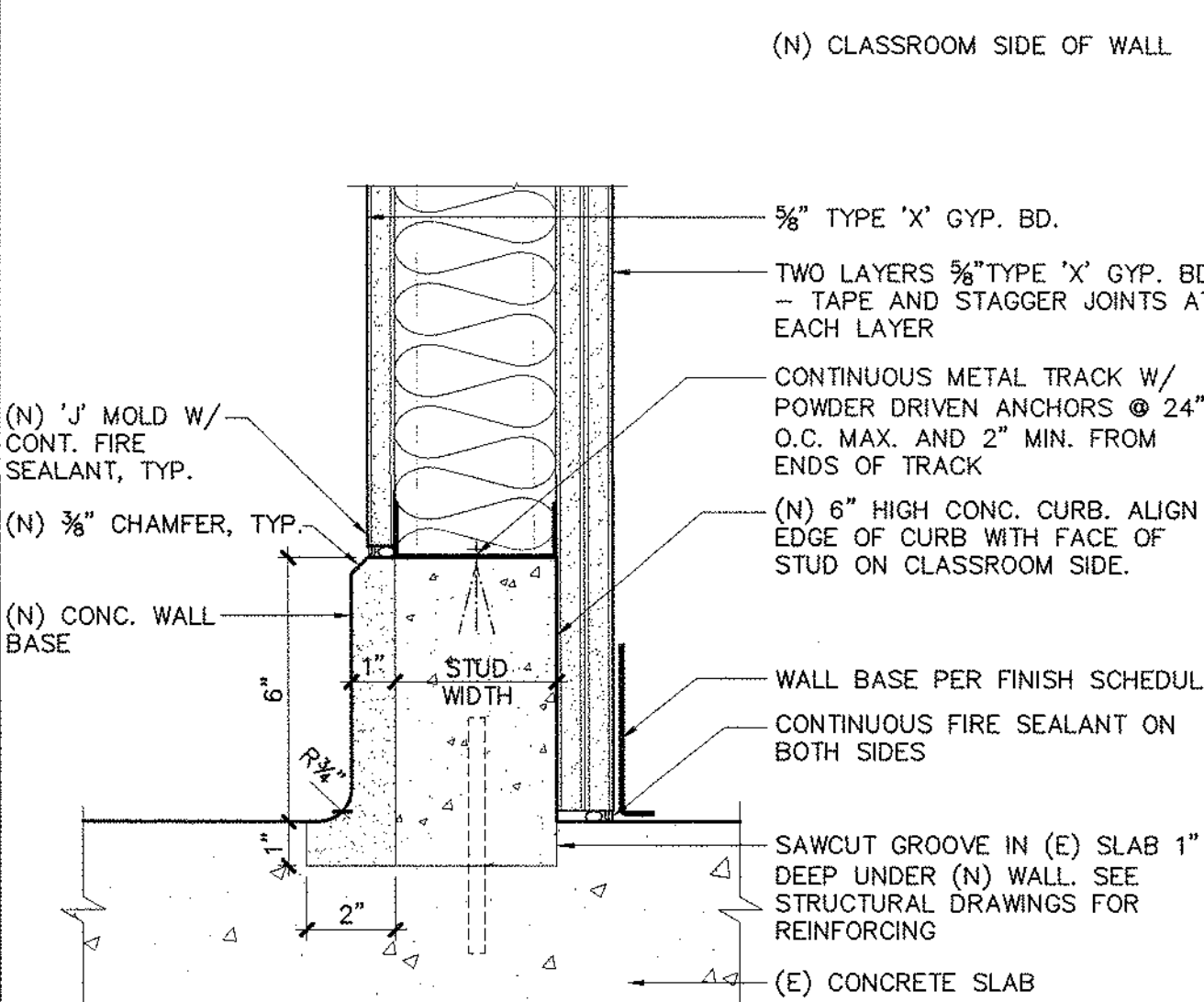
C14



NOTE:
1) 5-SIDED GYP. BD. WRAP IS NOT REQUIRED IF RECESSED MOUNTED PANEL IS UL APPROVED FOR FIRE RATED WALL. INSTALLATION FOR THE FIRE RATING REQUIRED.
2) FOR FIRE RATED WALL, ALL PENETRATIONS THRU GYP. BD WILL REQUIRE FIRE CAULKING

RECESSED FIRE EXTINGUISHER CABINET/
SMART PANEL @ FIRE RATED PARTITIONS
3'-1'-0"

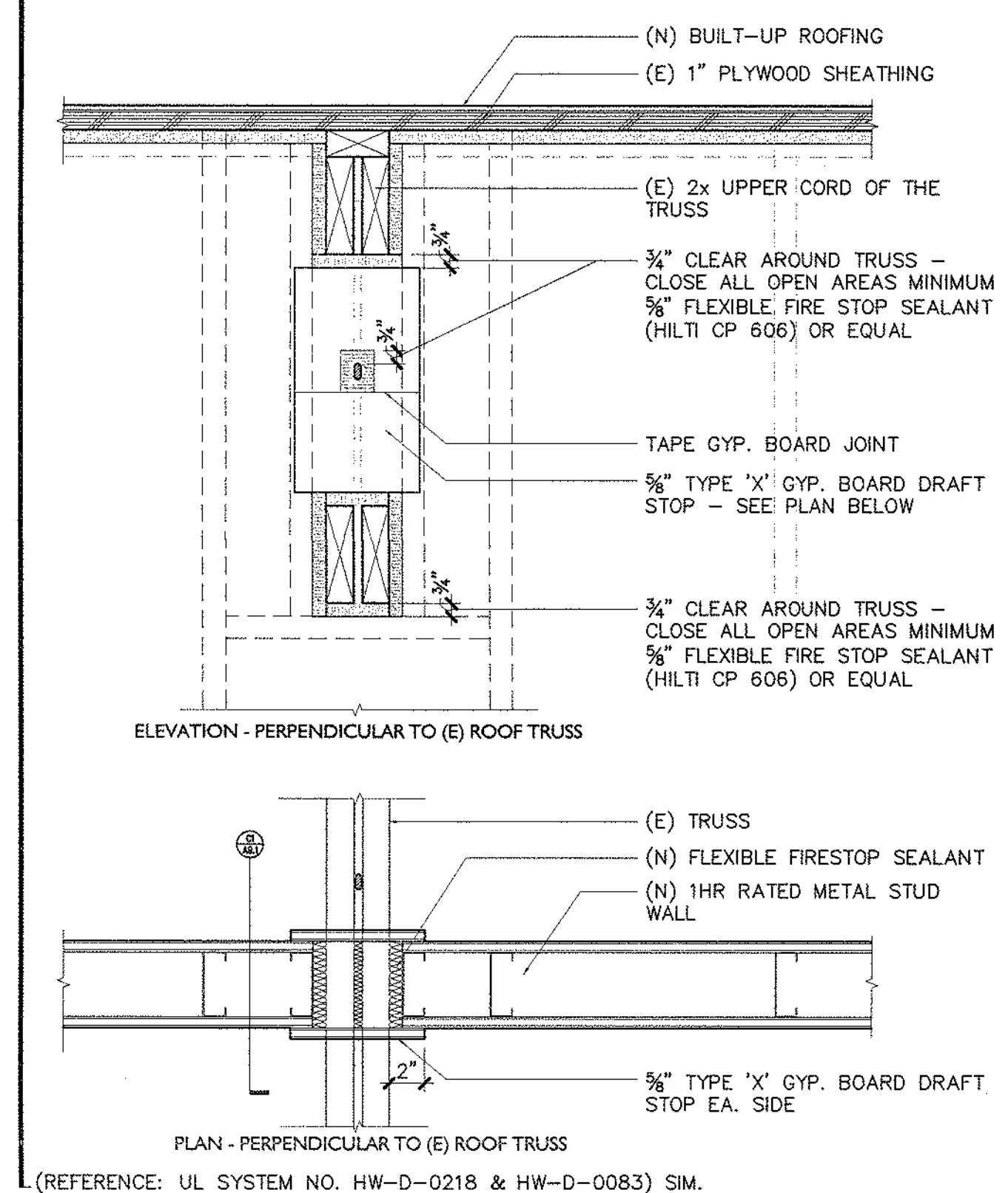
C9



NOTE: FOR CONCRETE REINFORCEMENT, SEE DETAIL 31.7

CONCRETE WALL BASE
6'-1'-0"

C6

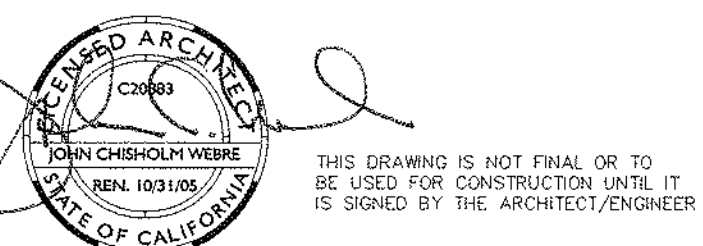


(REFERENCE: UL SYSTEM NO. HW-D-0218 & HW-D-0083) SIM.

1 HR. RATED INTERIOR PARTITION
SLOTTED TRACK CONNECTION
1'-1'-2"-1'-0"

C3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610
DATE 12/9/2014



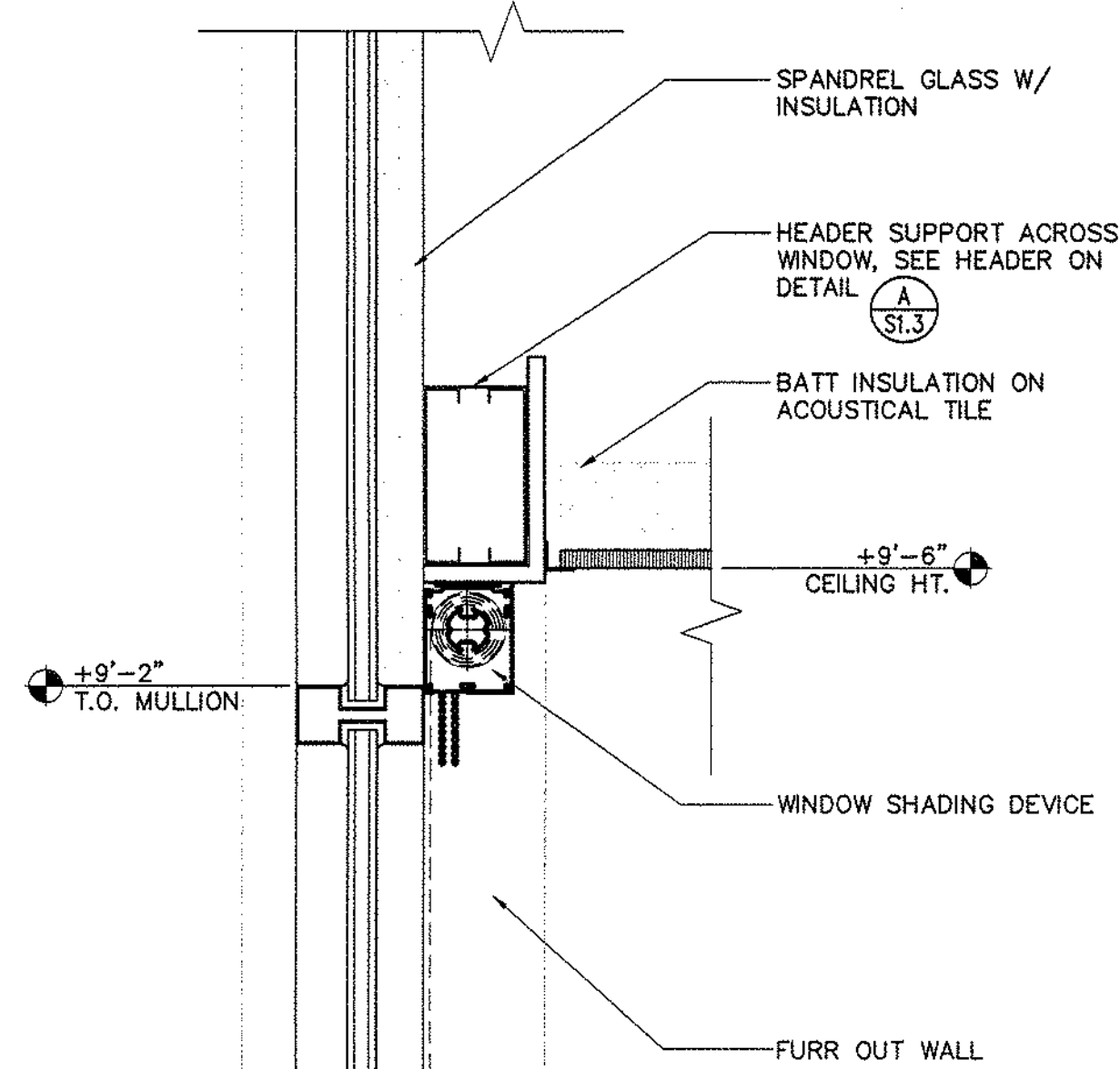
REVISION	BY	DATE
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

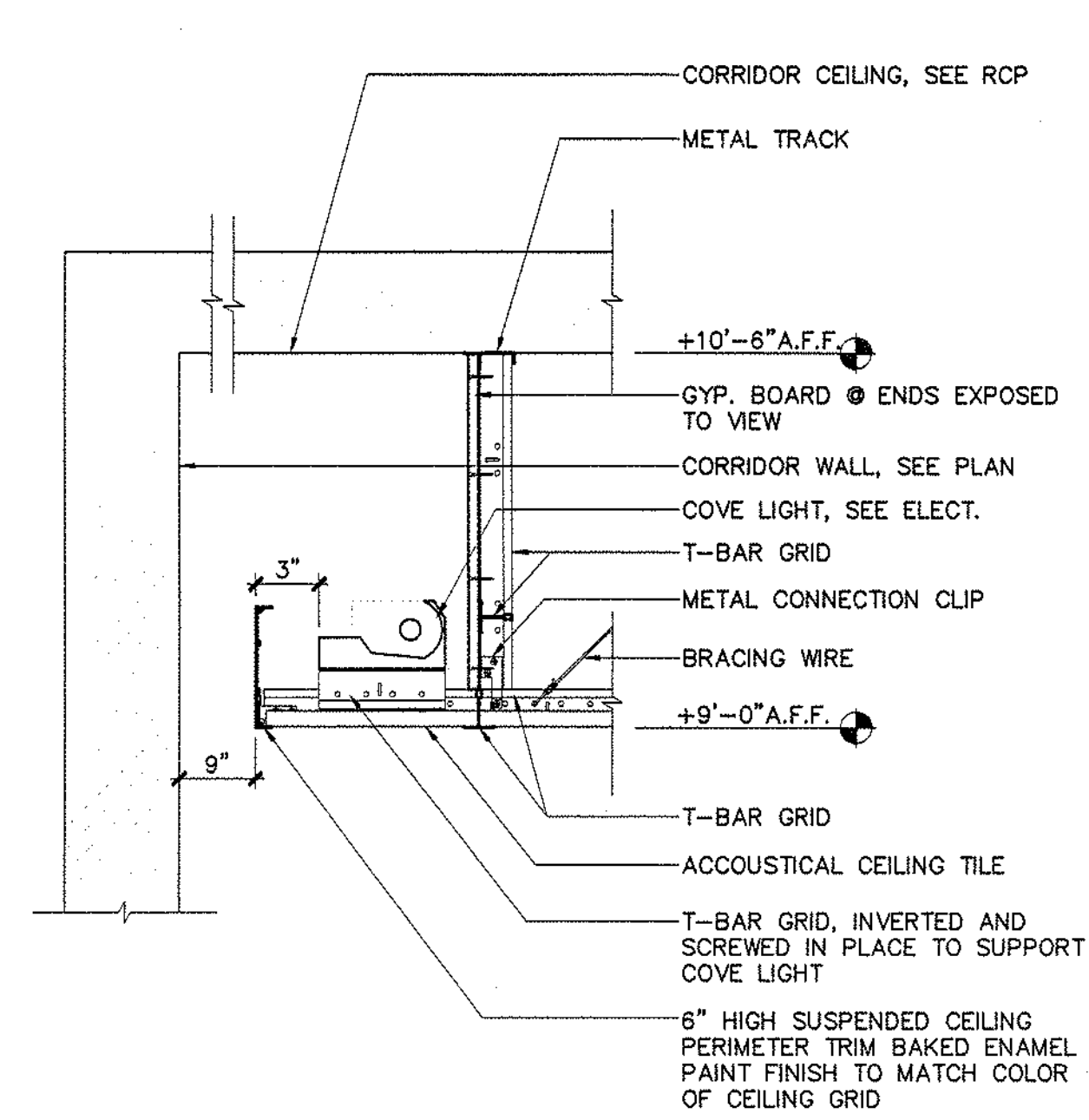
WALL FRAMING DETAILS

A4745.01
AS NOTED
09 DECEMBER 2004

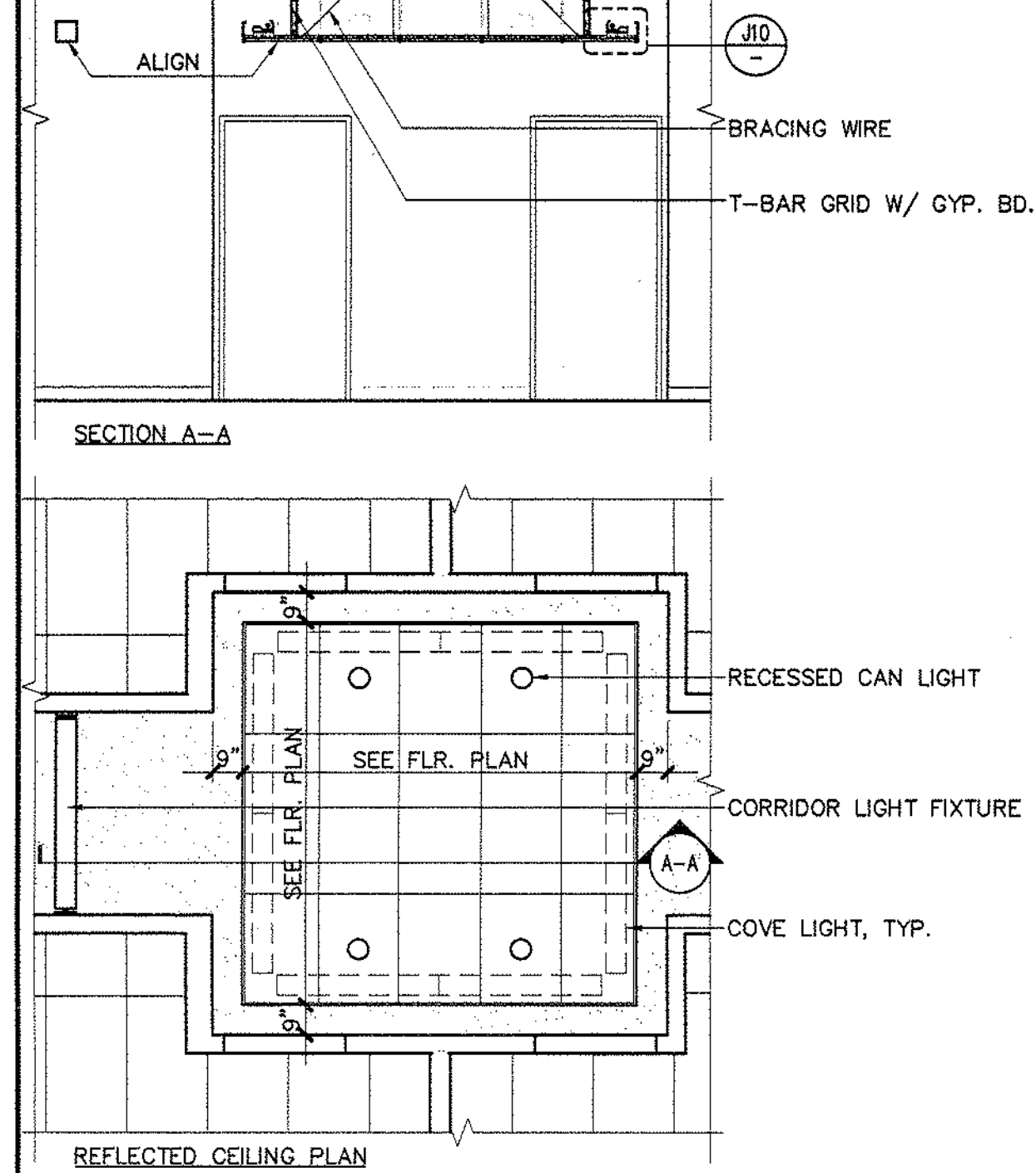
A9.1

WINDOW SHADING DEVICE
2" = 1'-0"

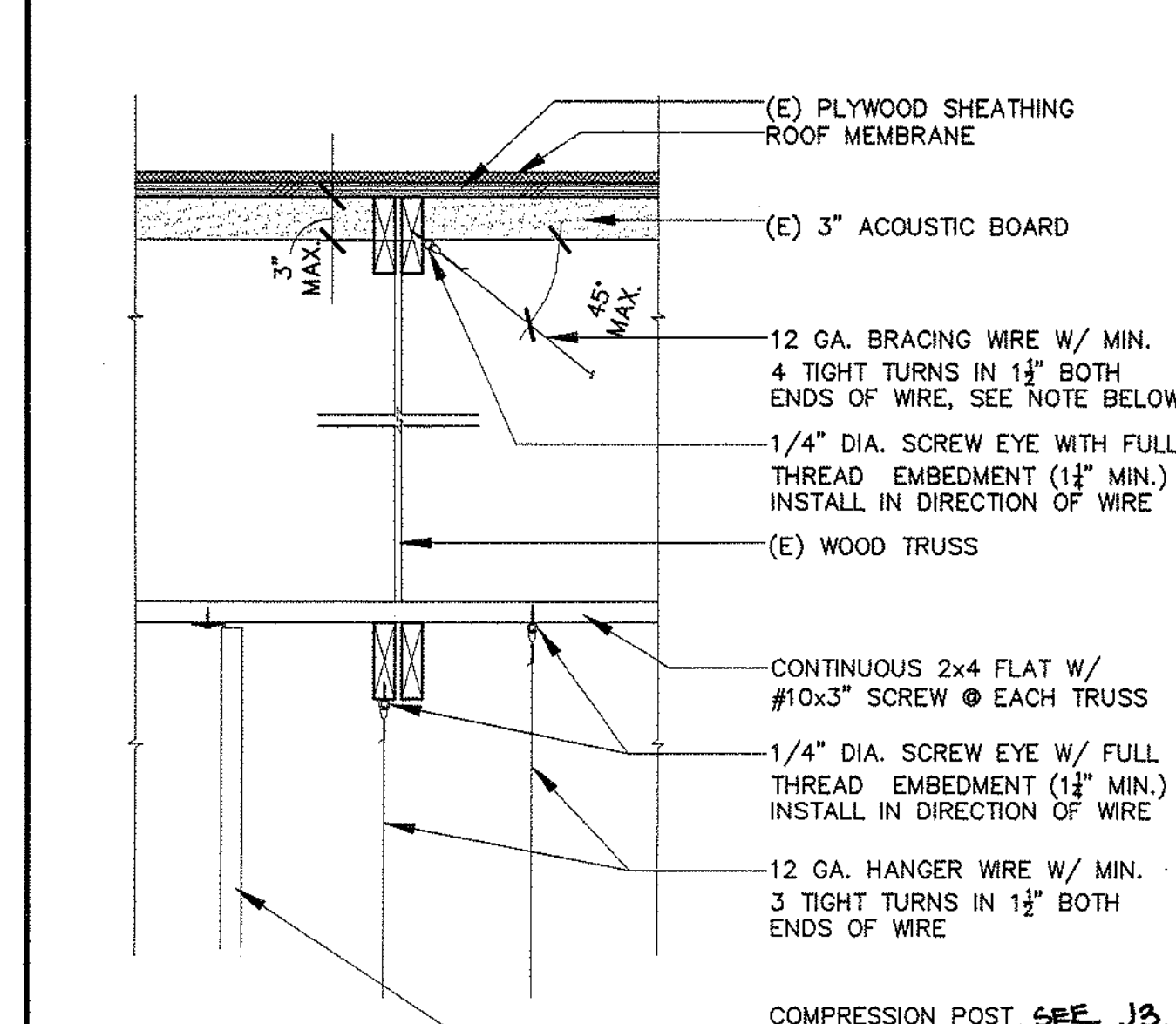
J13

SUSPENDED CEILINGS
@ CORRIDORS
1 1/2" = 1'-0"

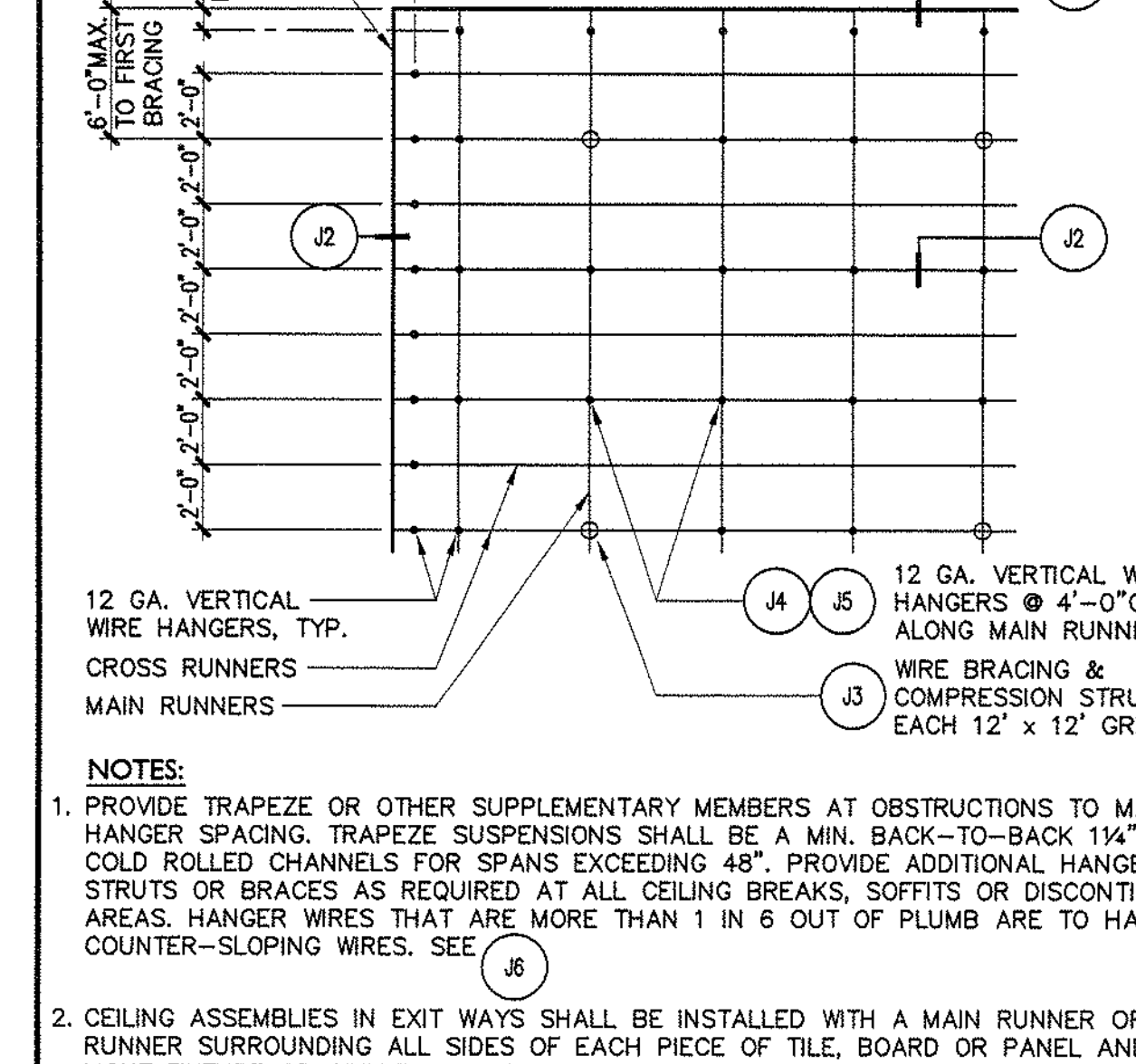
J10

ENLARGED REFLECTED CEILING
PLAN
1/4" = 1'-0"

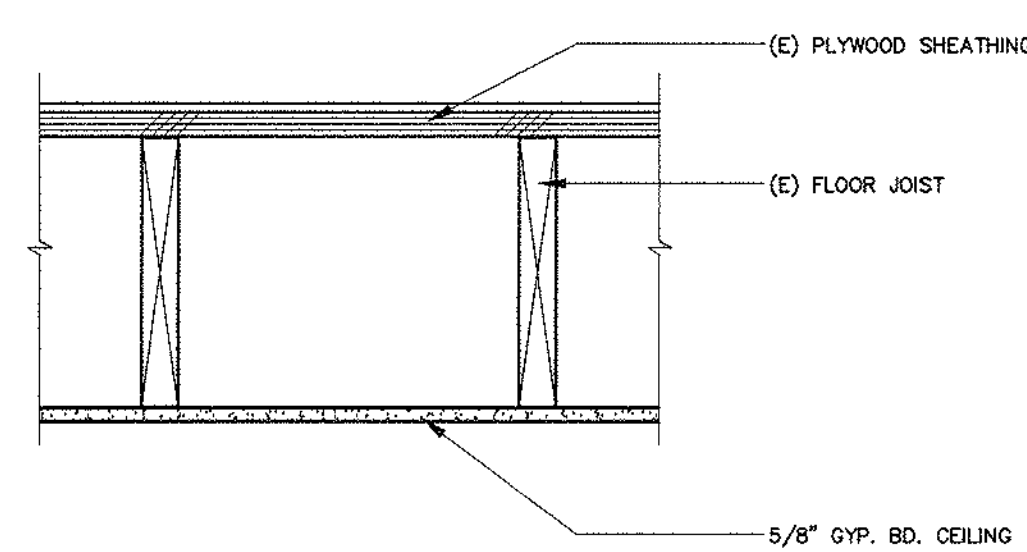
J7

WIRE CONNECTIONS @
WOOD TRUSS
1" = 1'-0"

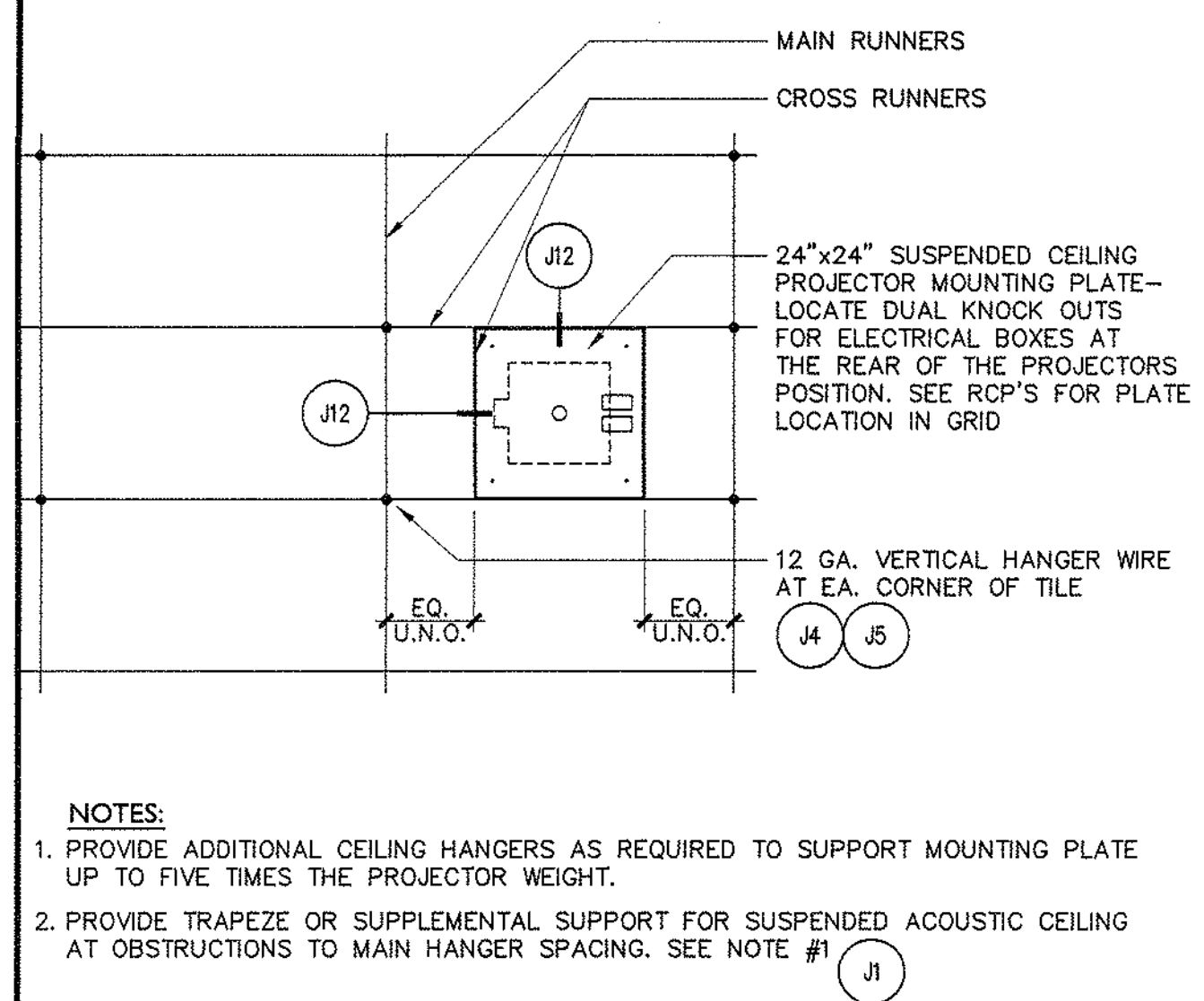
J4

TYPICAL SUSPENDED ACOUSTICAL
TILE CEILING
3/16" = 1'-0"

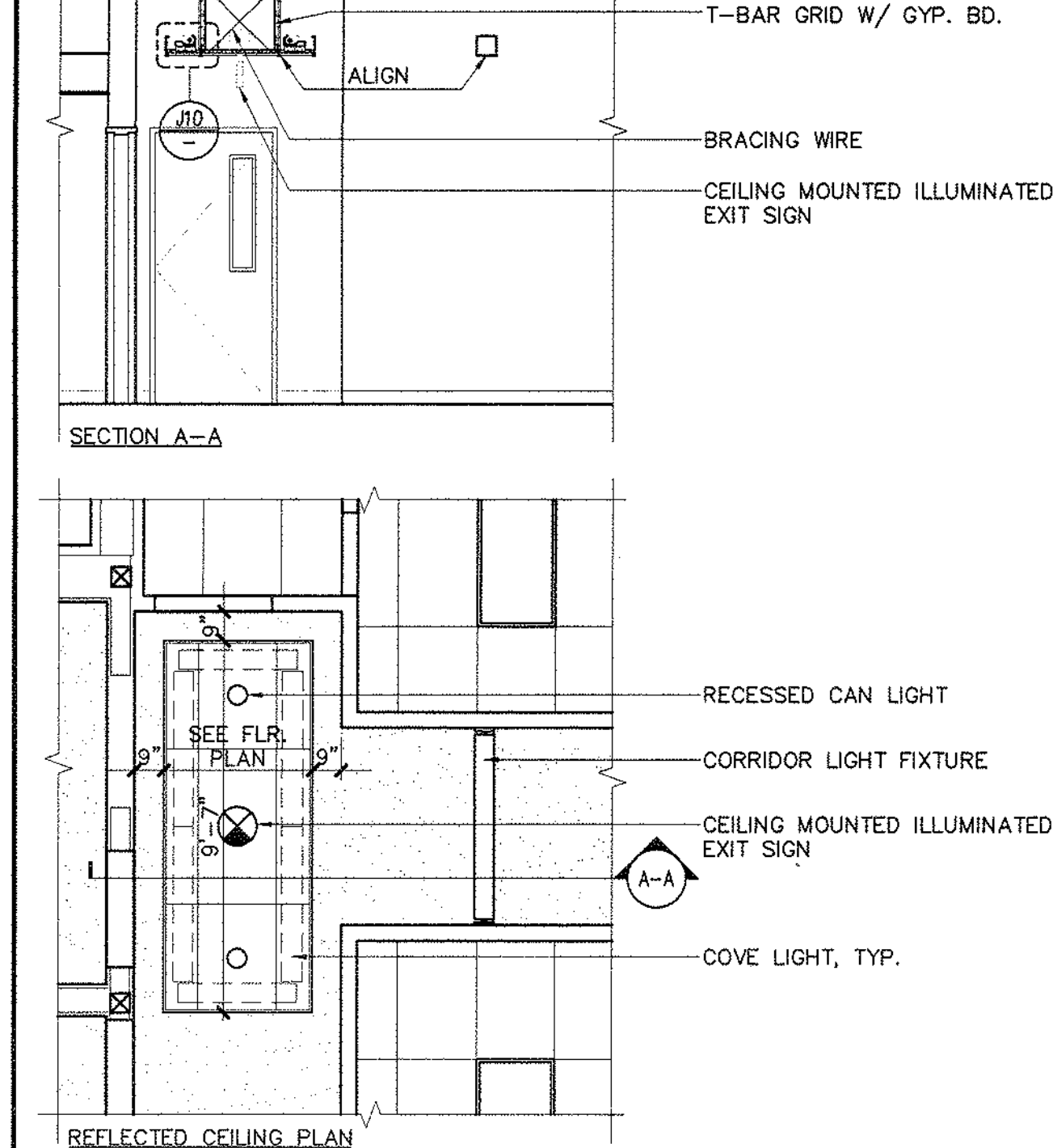
J1

TYPICAL GYP. BD. CEILING
NO SCALE

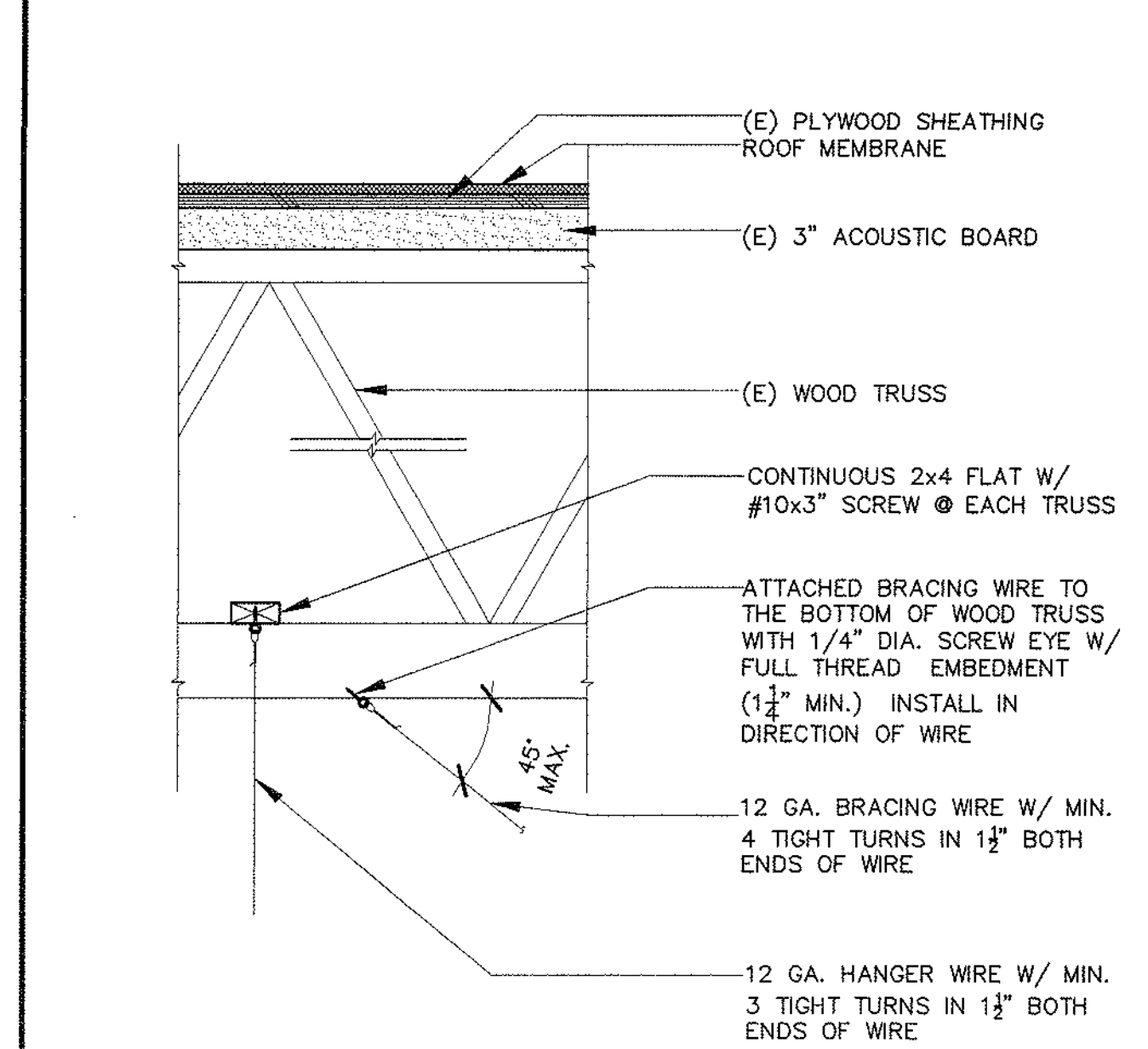
J14

VIDEO PROJECTOR
MOUNTING PLATE
1/2" = 1'-0"

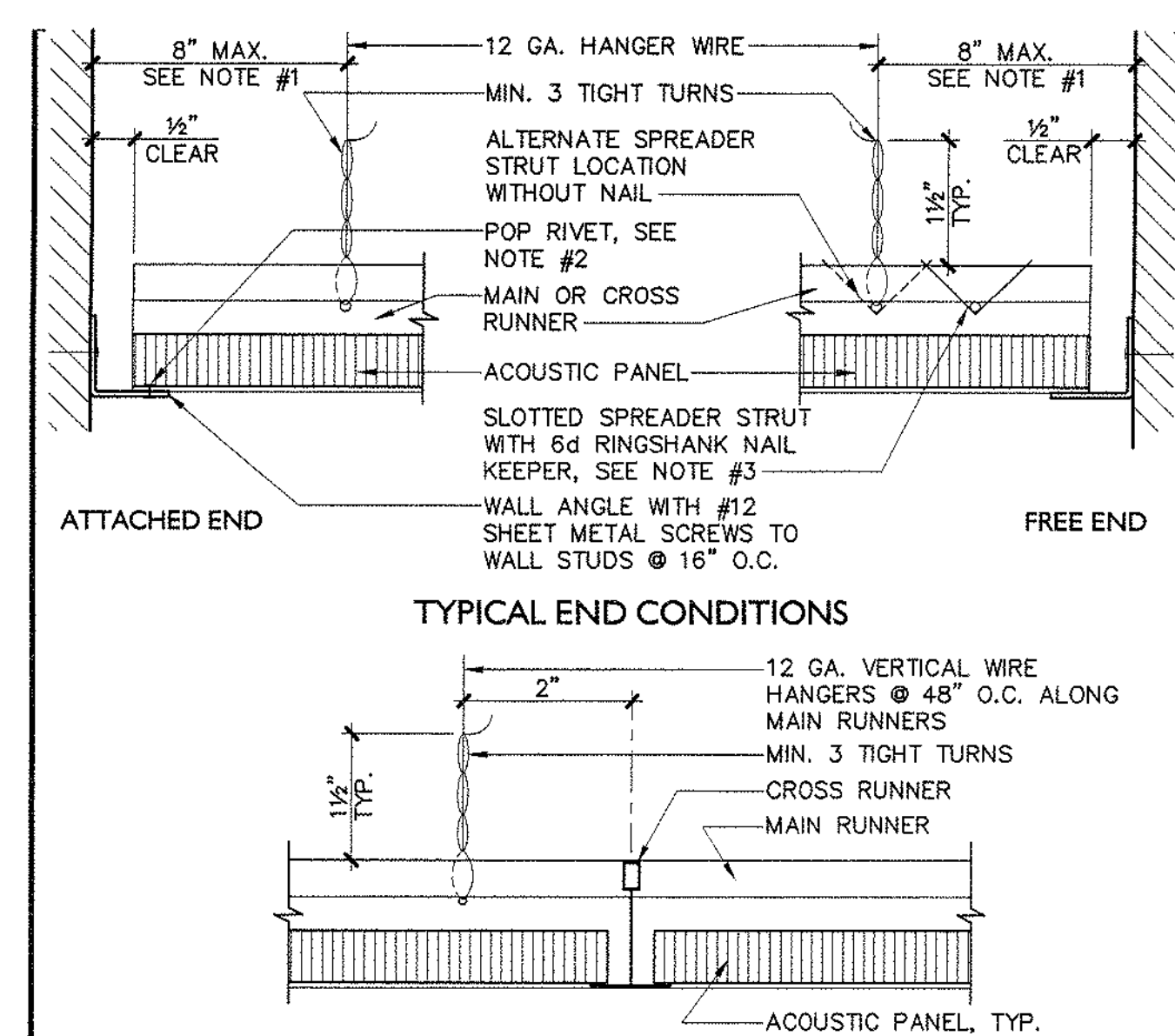
J11

ENLARGED REFLECTED CEILING
PLAN
1/4" = 1'-0"

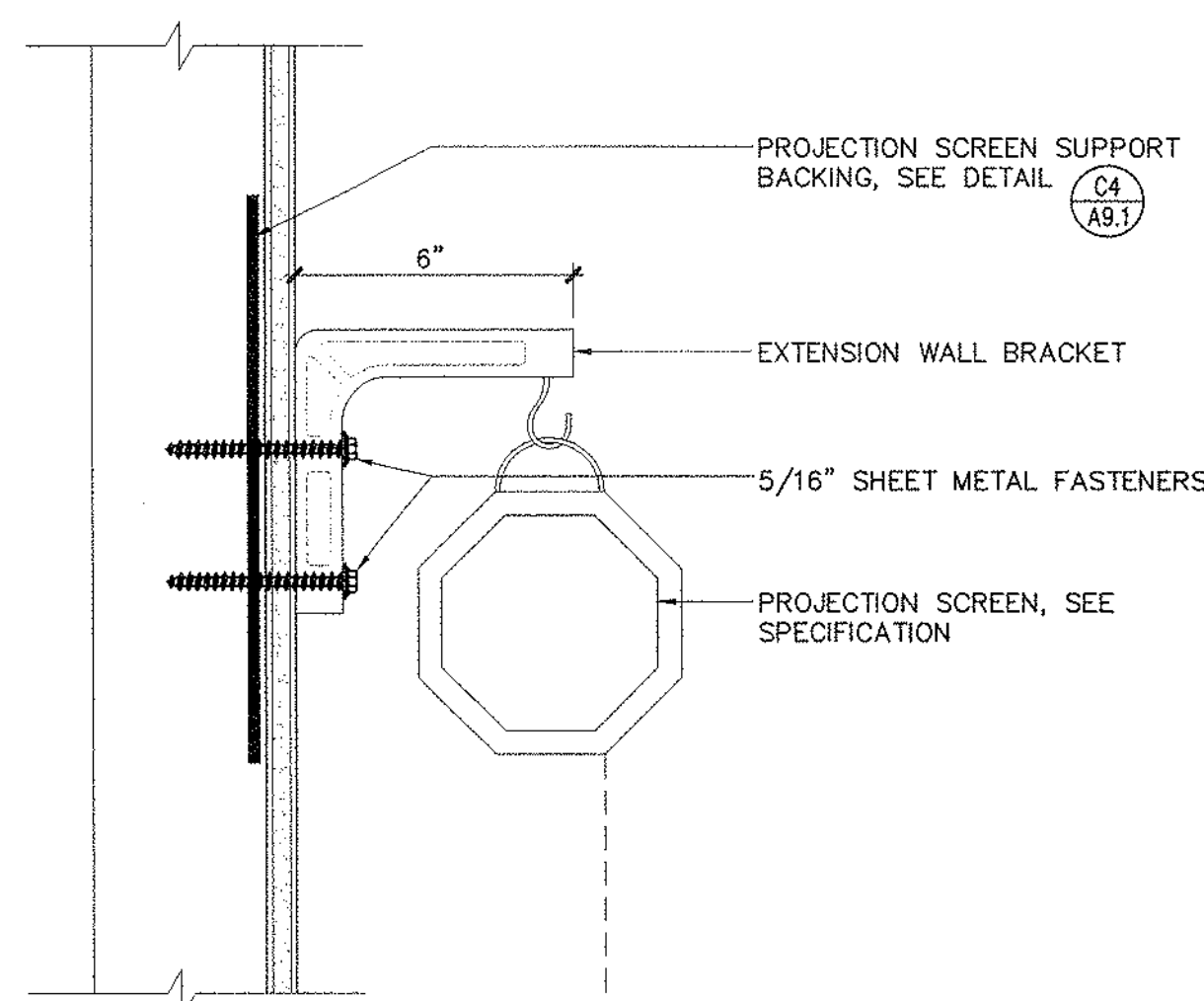
J8

BRACING WIRE PARALLEL TO
WOOD TRUSS
1" = 1'-0"

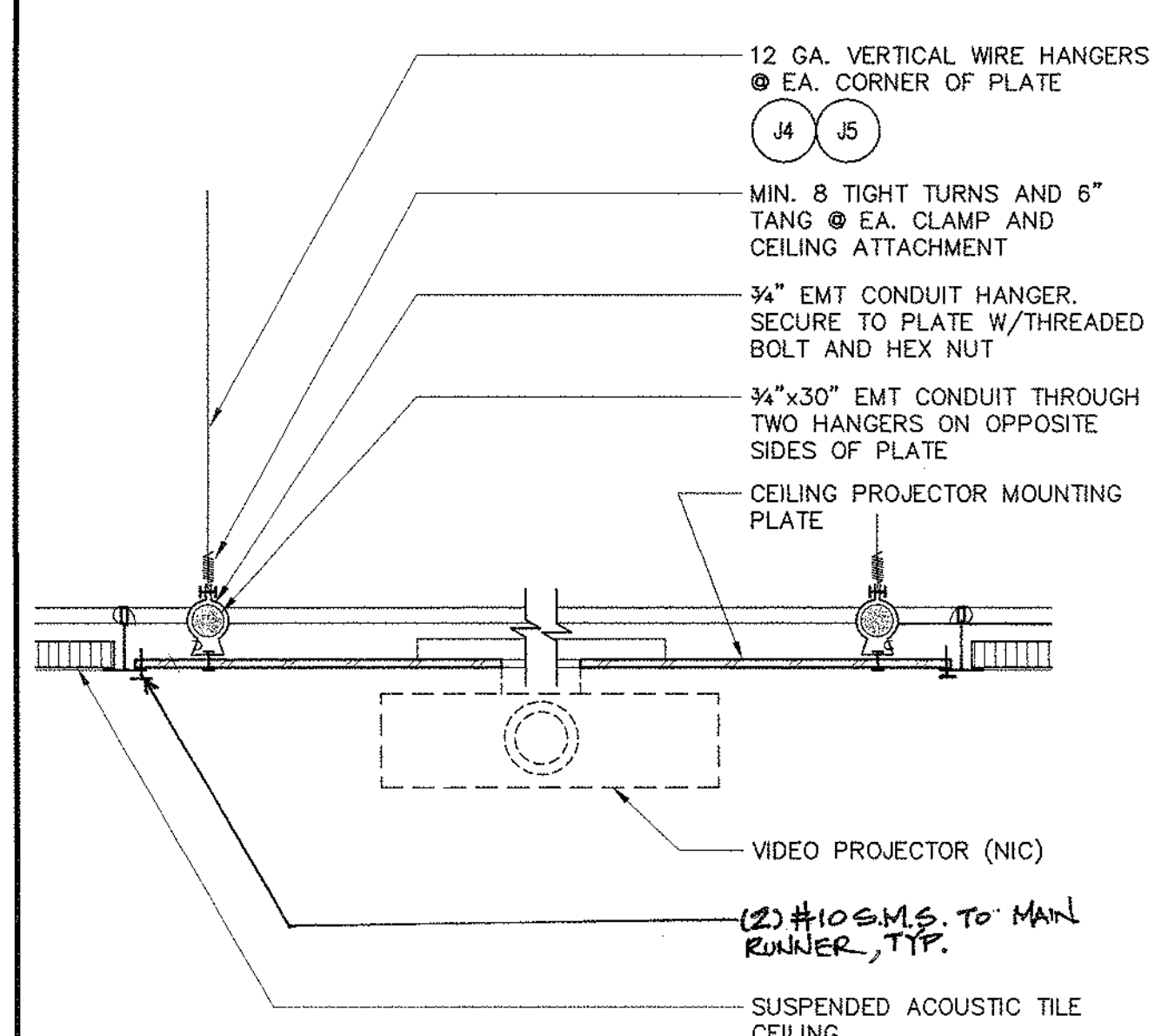
J5

HANGER WIRE
CONNECTION
5/8" = 1'-0"

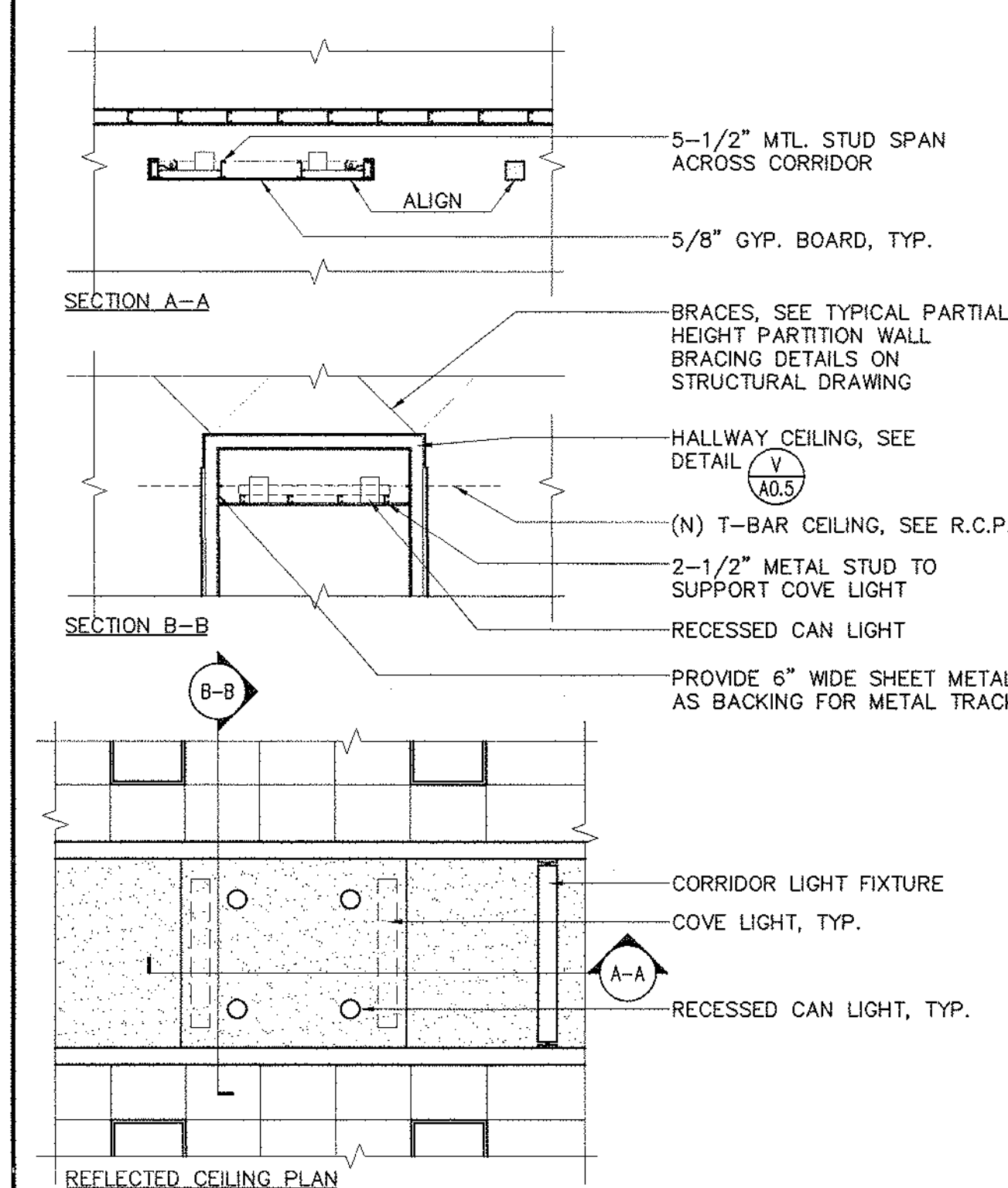
J2

PROJECTION SCREEN SUPPORT
DETAIL
3" = 1'-0"

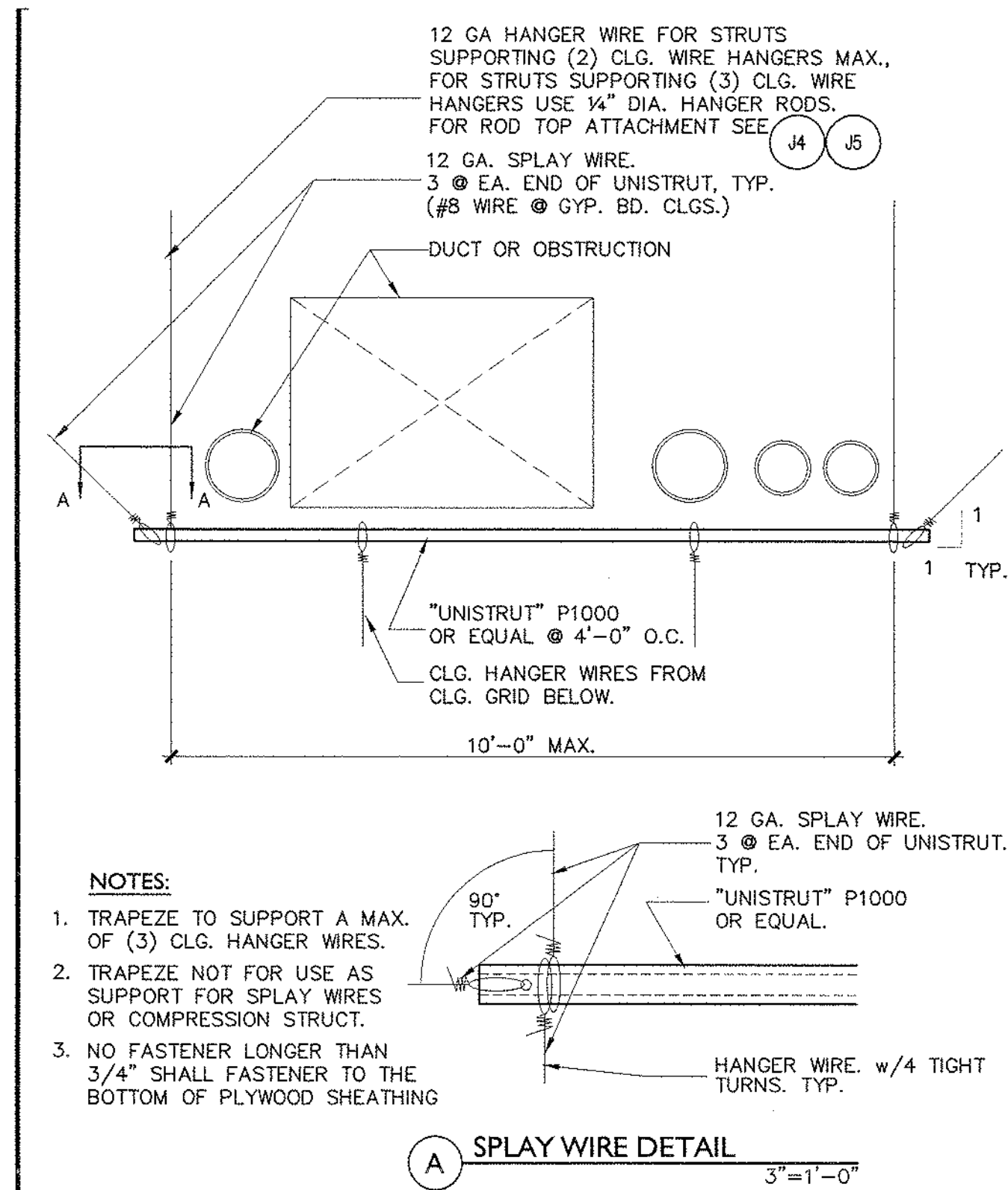
J15

VIDEO PROJECTOR
MOUNTING PLATE SUPPORTS
3" = 1'-0"

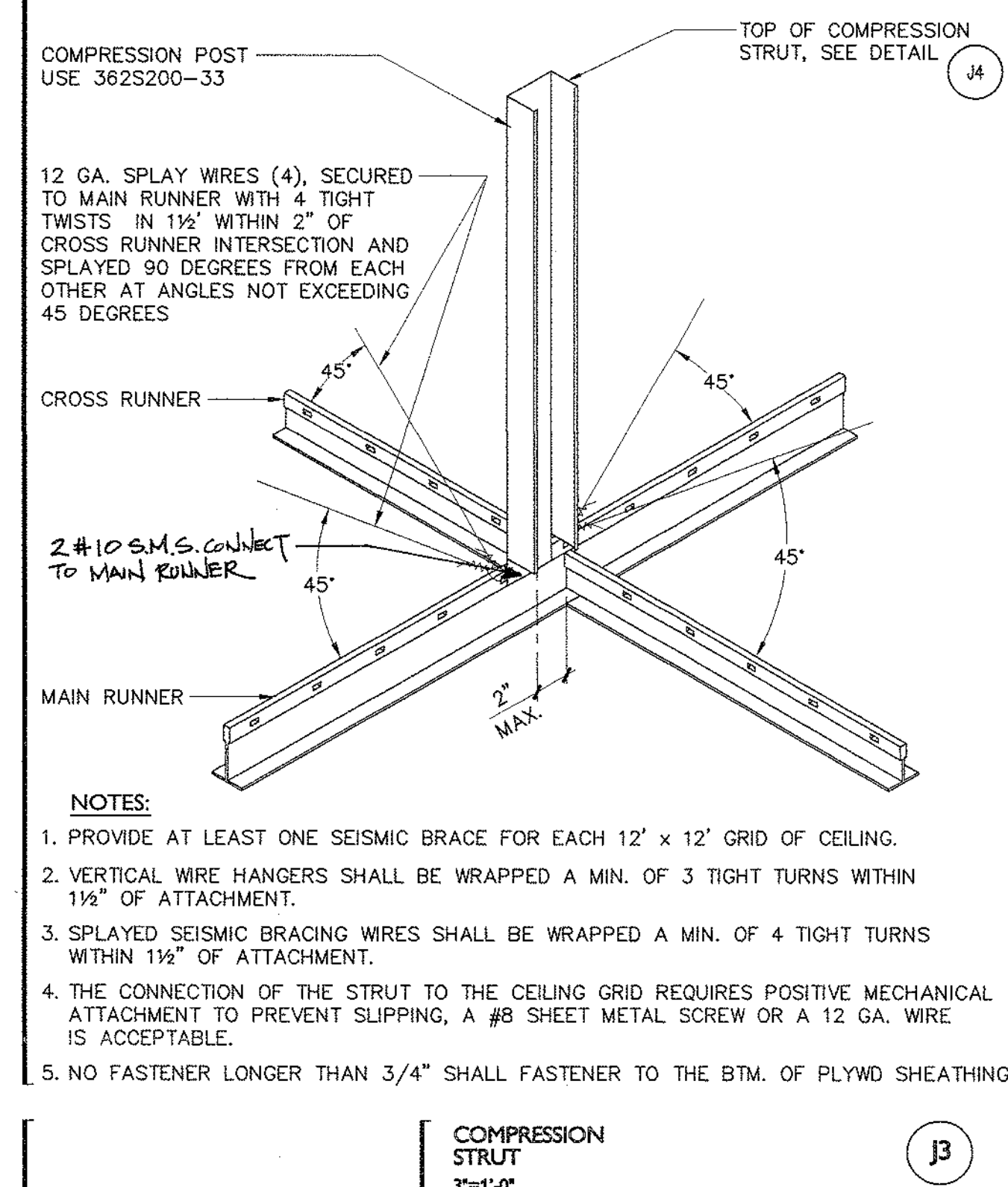
J12

ENLARGED REFLECTED CEILING
PLAN
1/4" = 1'-0"

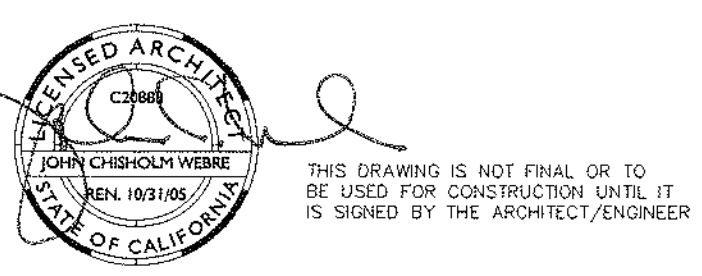
J9

TRAPEZE SUPPORT FOR
SUSPENDED CEILING
1/2" = 1'-0"

J6

COMPRESSION
STRUT
3" = 1'-0"

J3

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610 (UNDER)
DATE 12/9/2004

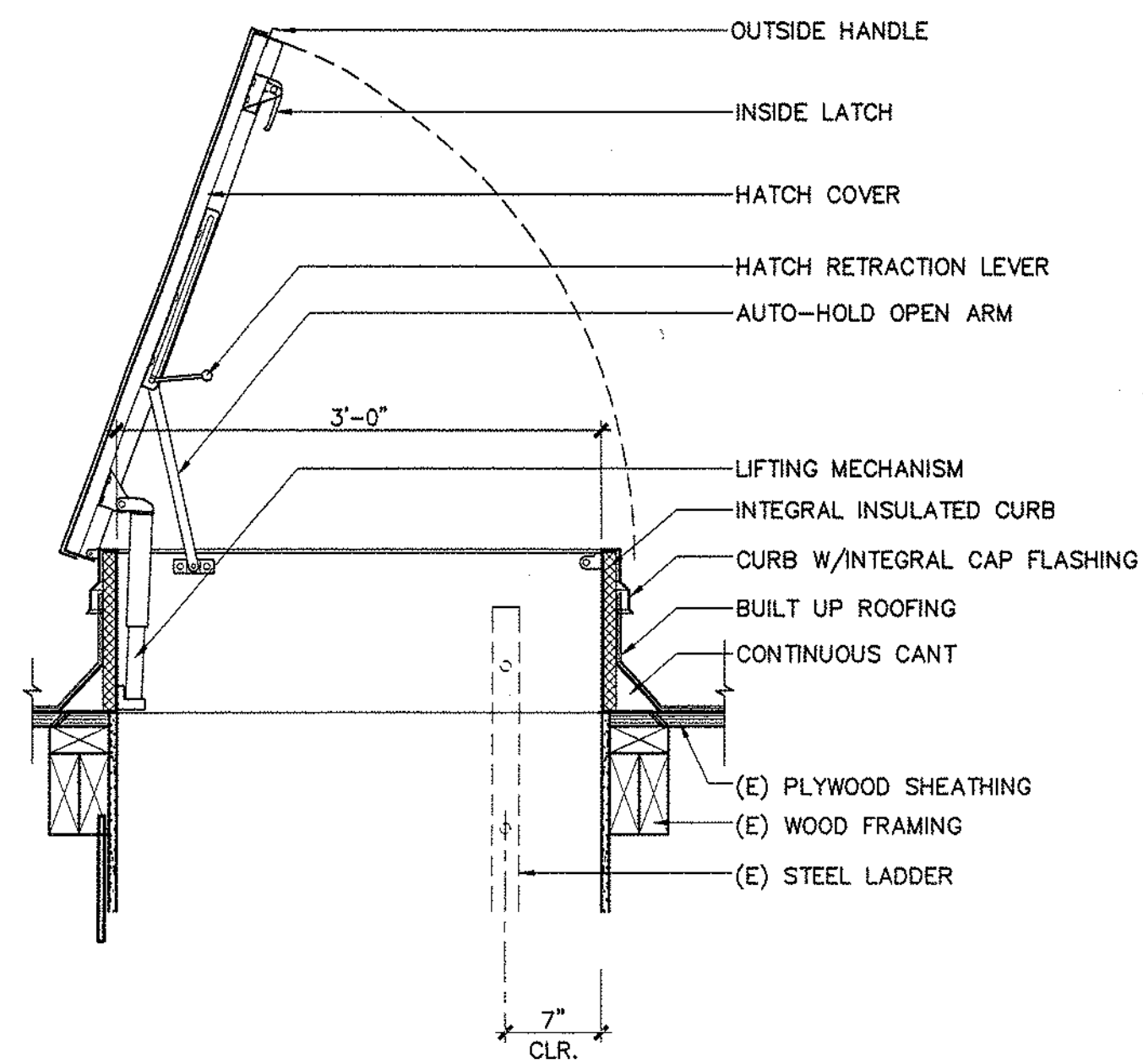
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

CEILING DETAILS

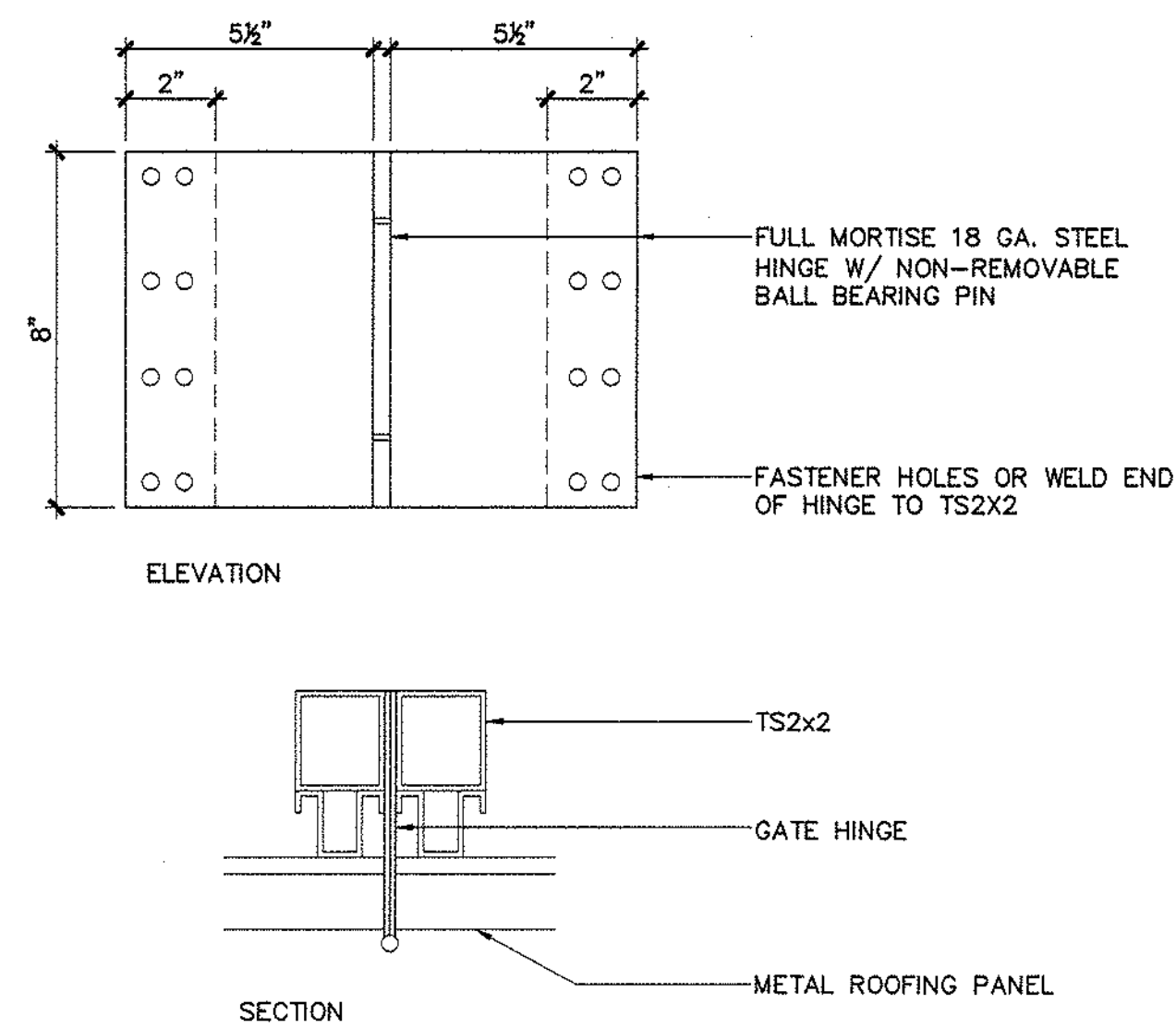
A4745.01
AS NOTED
09 DECEMBER 2004

A9.2



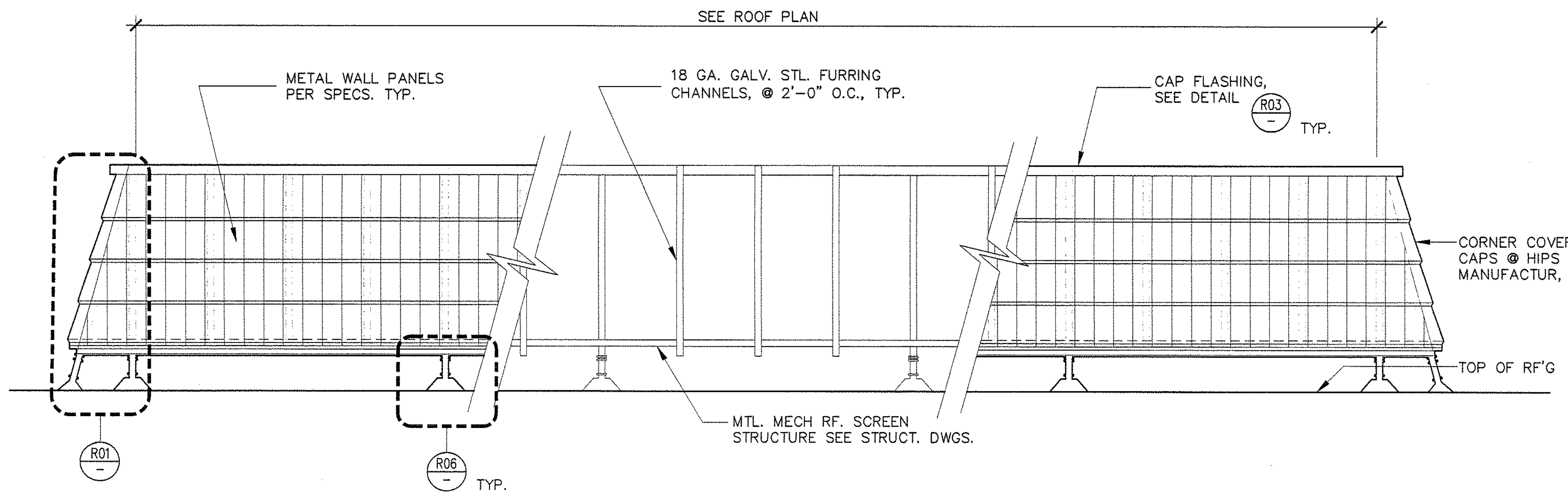
ROOF HATCH
1'-1'-0"

R10



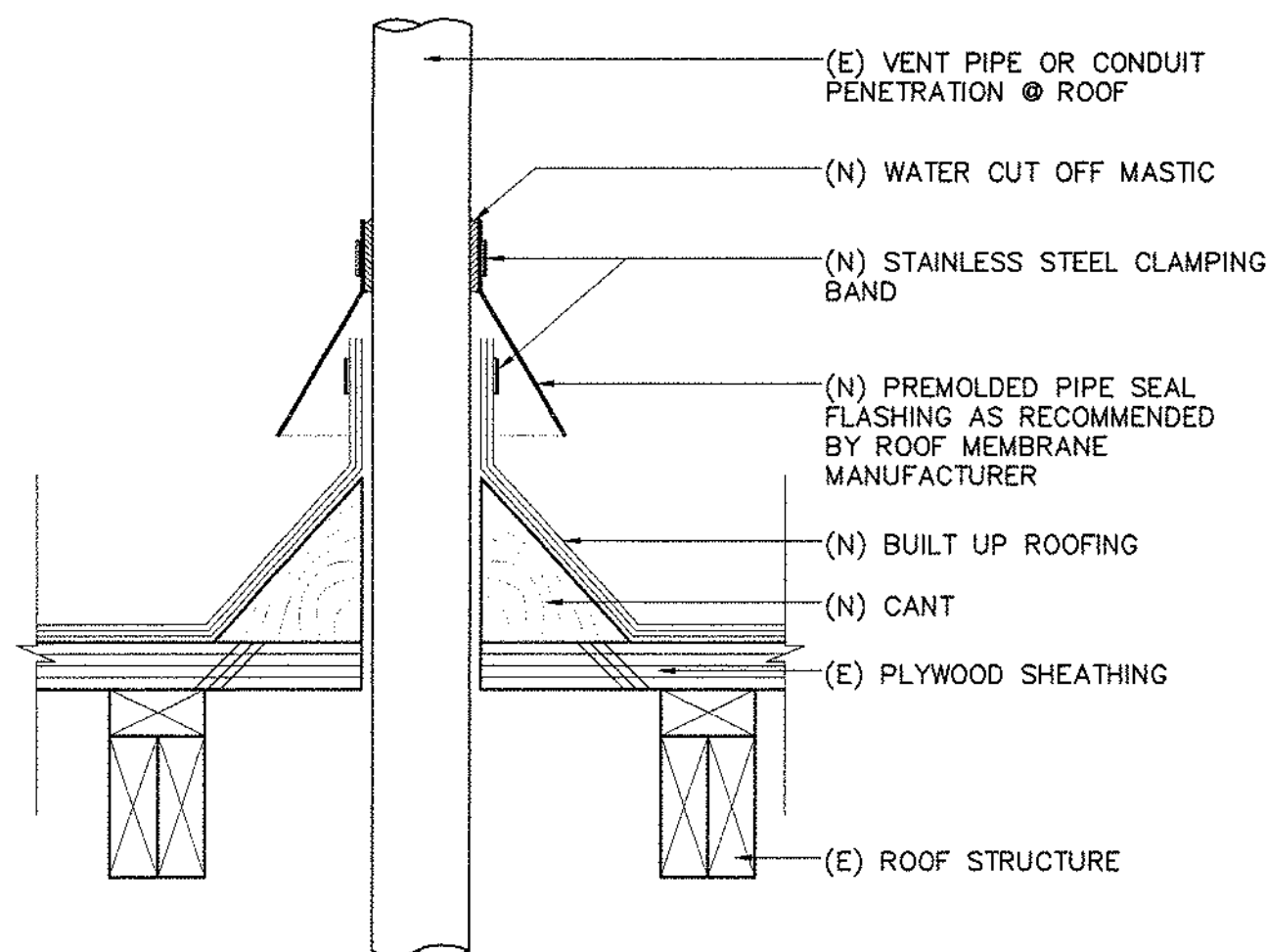
TYPICAL GATE HINGE
3'-1'-0"

R07



TYPICAL MECHANICAL ROOF SCREEN ELEVATION

N.T.S.

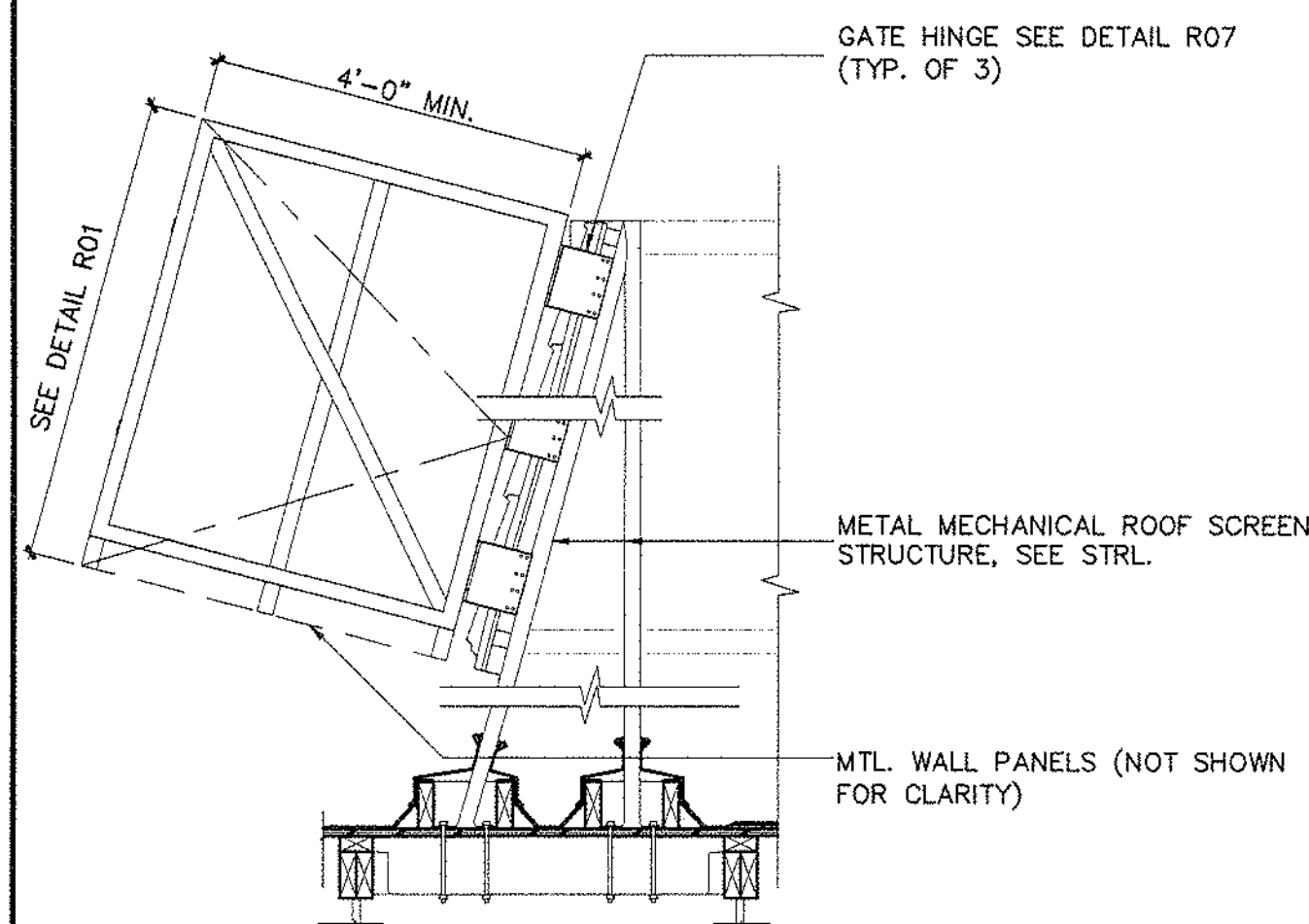


DETAIL FOR PIPING OR CONDUIT
NOT ANTICIPATED TO EXCEED 120"

NOTE:
SEE MEP DRAWINGS FOR
REMAINDER OF APPLICABLE
INFORMATION

PIPE & CONDUIT
PENETRATION
1'-1'-0"

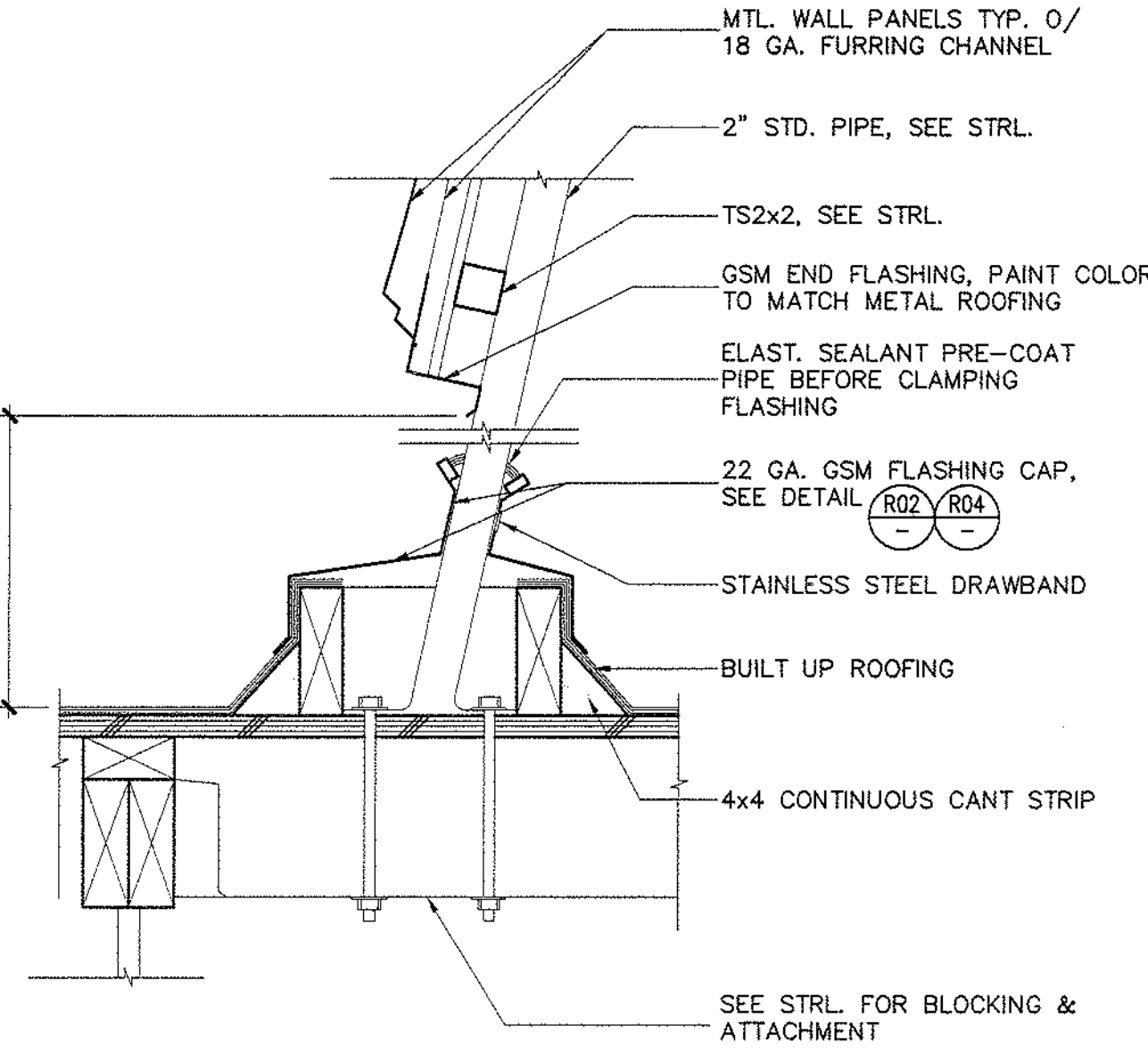
R11



NOTE: SEE TYP. RF. SCREEN
GATE ELEVATION

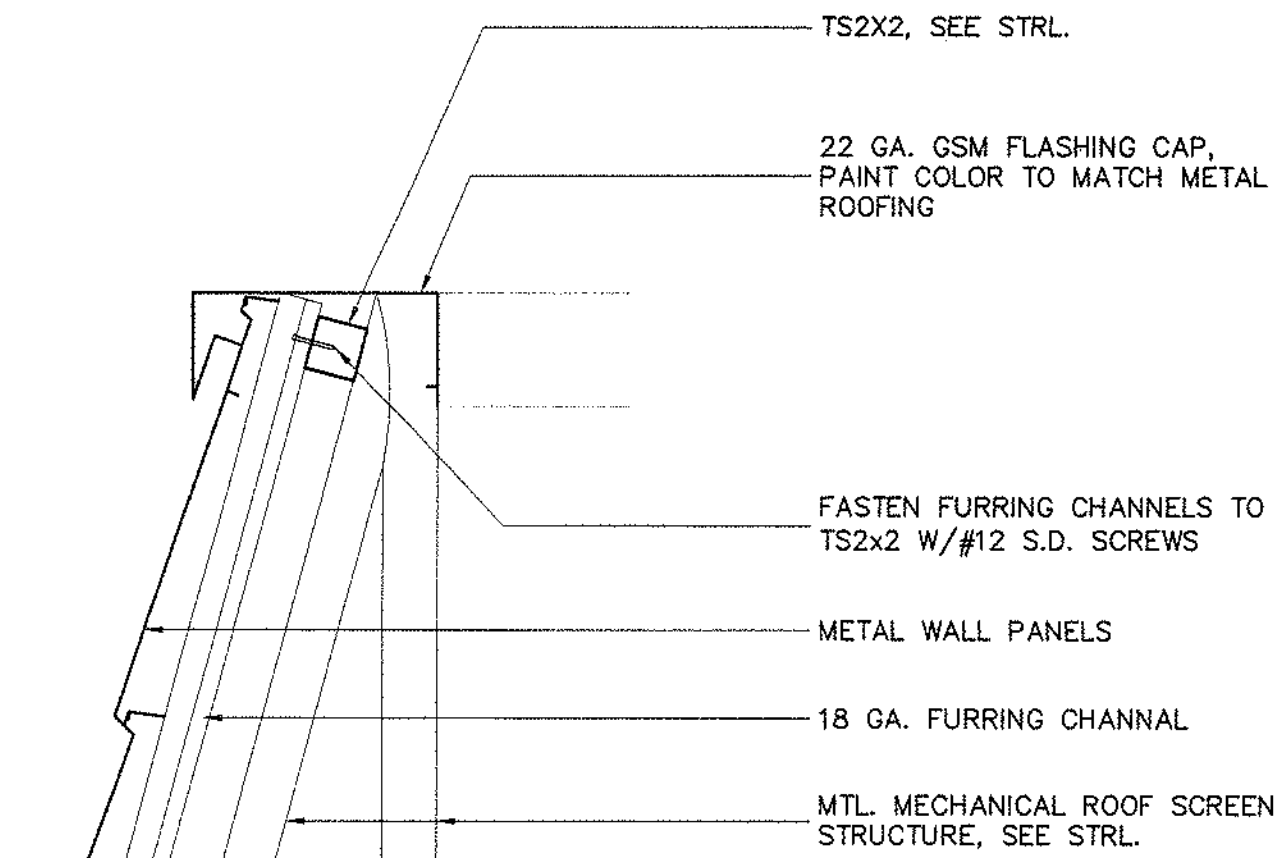
MECHANICAL ROOF SCREEN
SECTION @ GATE
1'-2'-1'-0"

R08



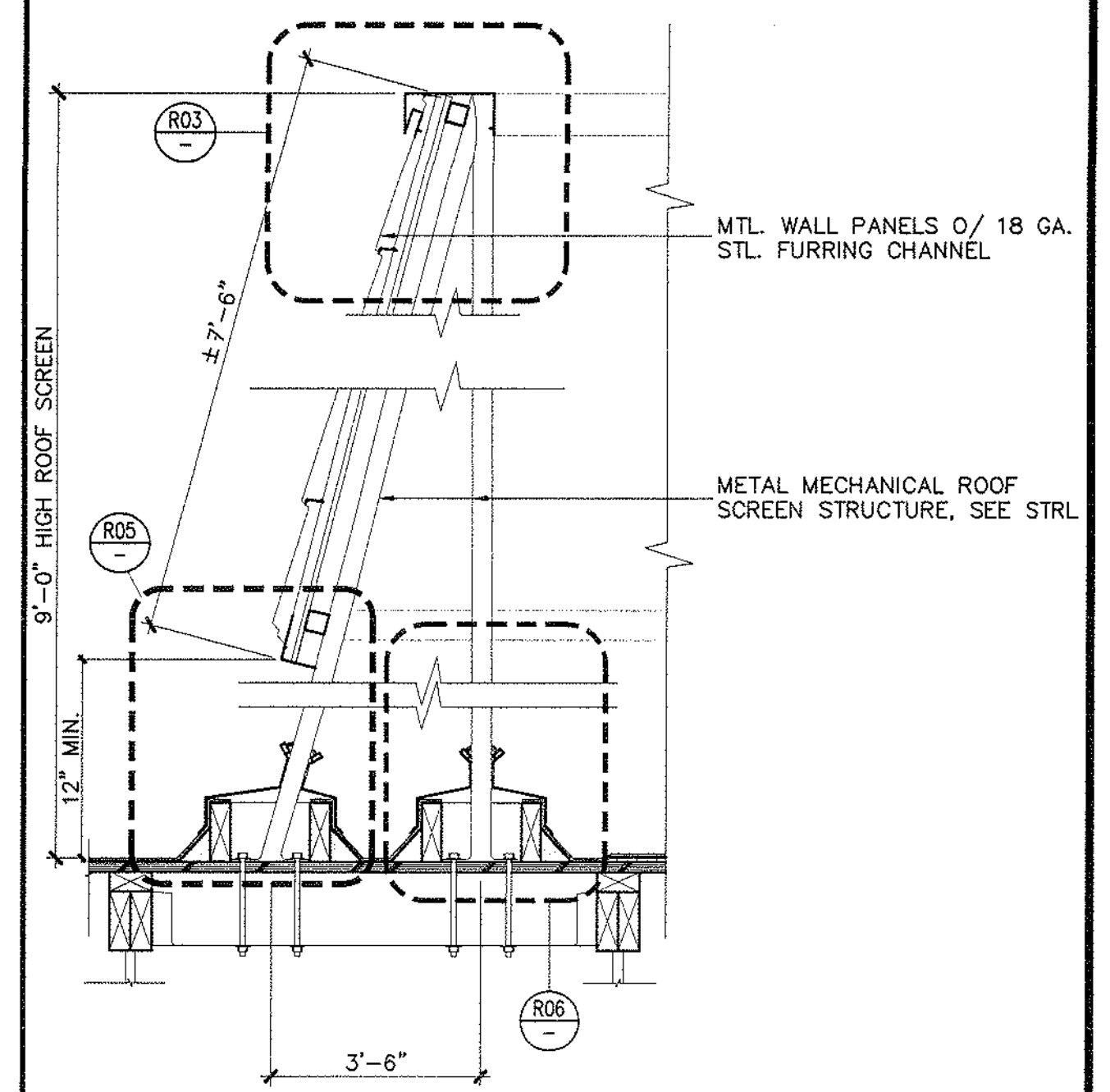
MECHANICAL ROOF
SCREEN FLASHING
1'-1'-2'-1'-0"

R05



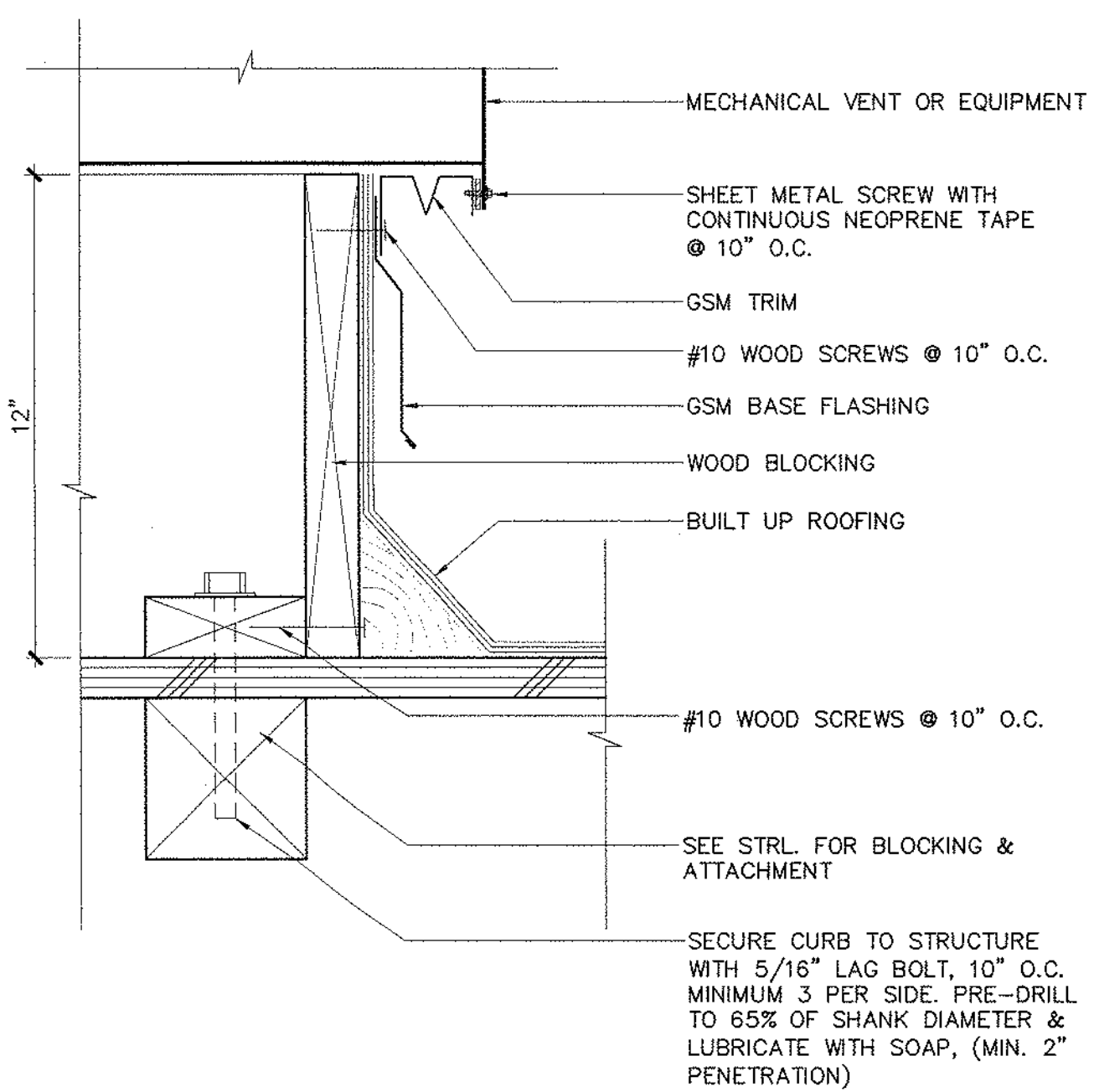
MECHANICAL ROOF
SCREEN FLASHING
1'-1'-2'-1'-0"

R03



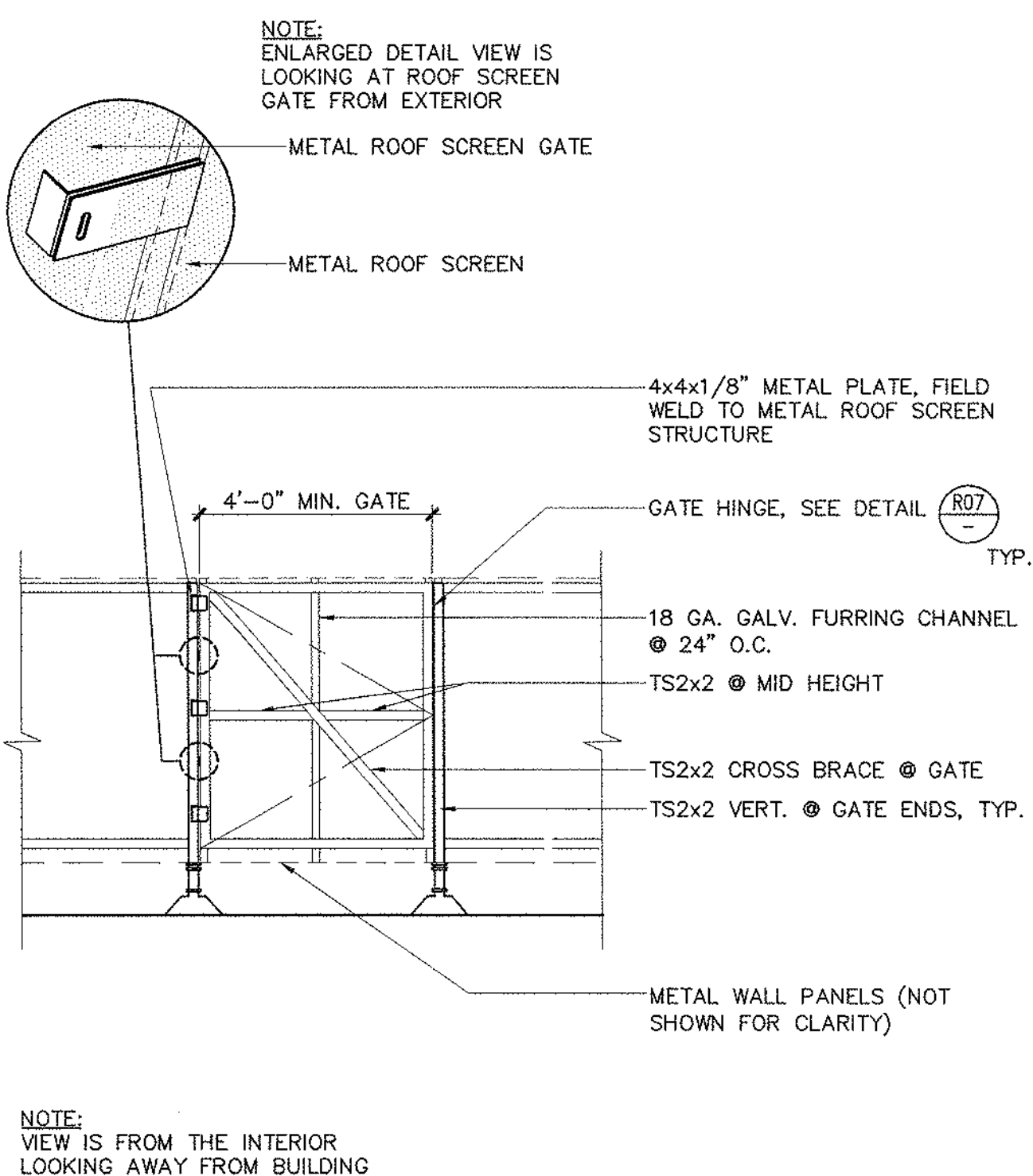
TYP. MECHANICAL ROOF
SCREEN SECTION
3'-1'-4'-1'-0"

R01



TYPICAL (B) MECHANICAL VENT/
EQUIPMENT FLASHING DETAIL
1'-1'-2'-1'-0"

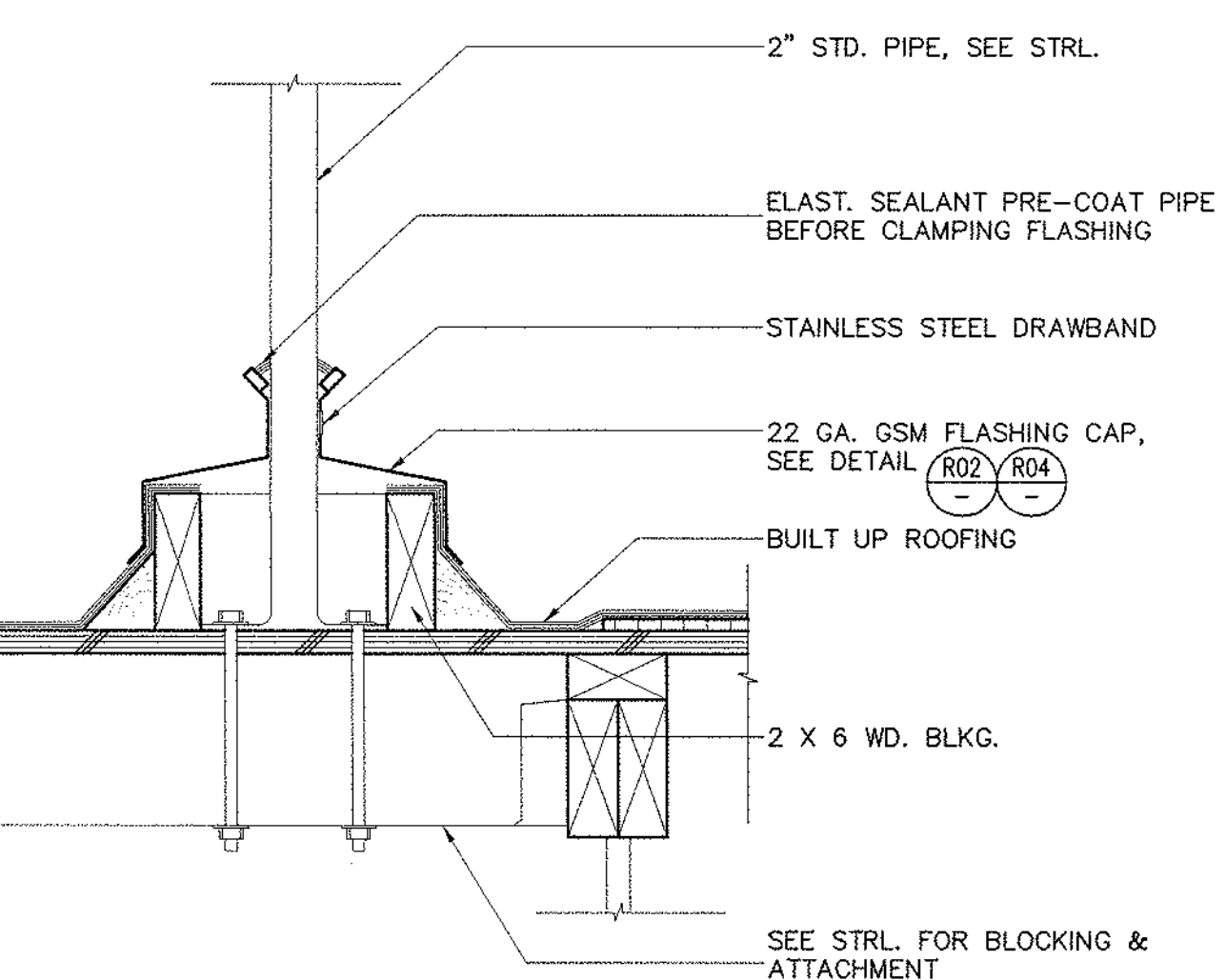
R12



NOTE:
VIEW IS FROM THE INTERIOR
LOOKING AWAY FROM BUILDING

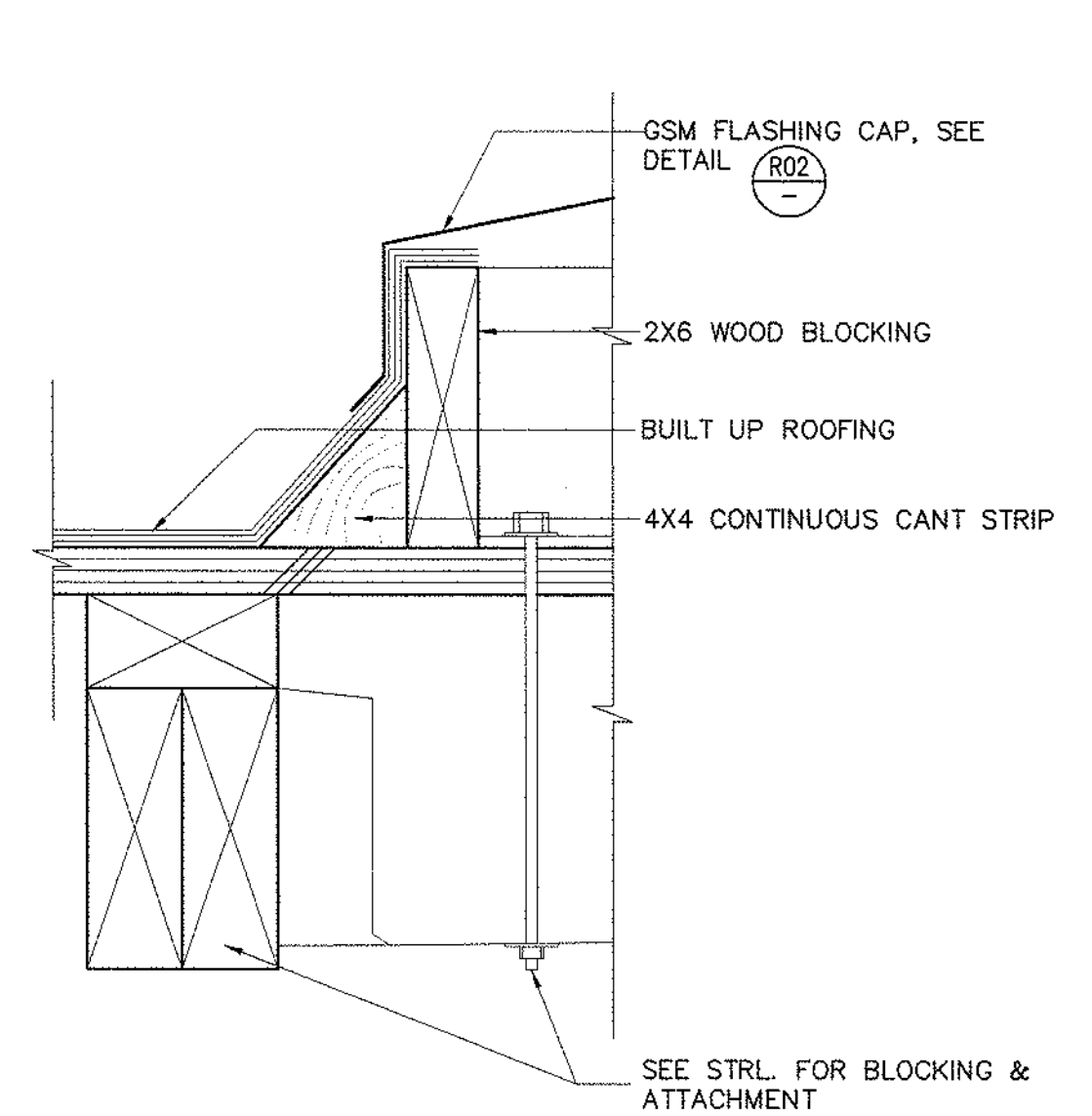
MECHANICAL ROOF SCREEN
GATE INT. ELEV.
3'-1'-8'-1'-0"

R09



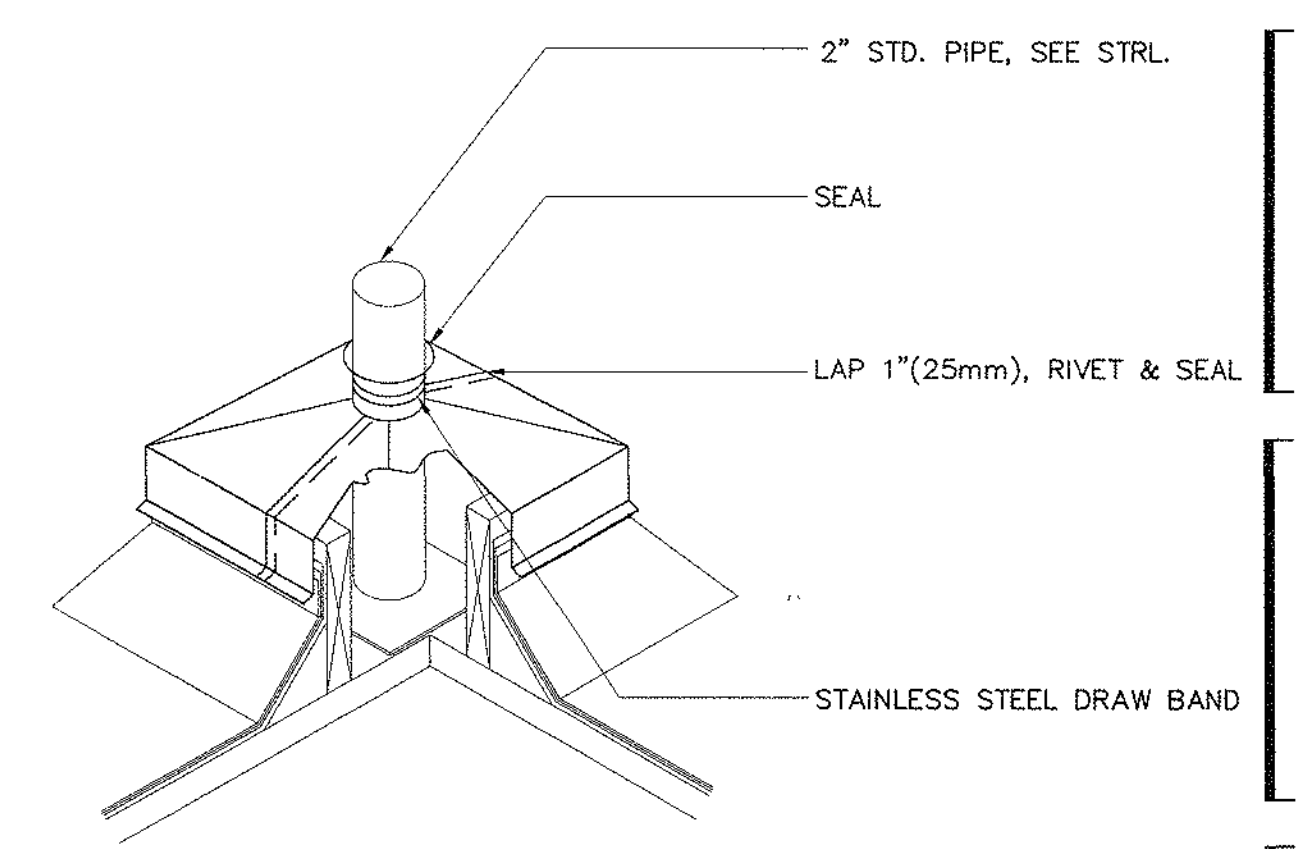
MECHANICAL ROOF
SCREEN FLASHING
1'-1'-2'-1'-0"

R06



MECHANICAL ROOF SCREEN
FLASHING ENLARGED
3'-1'-4'-1'-0"

R04



BONNET FLASHING CAP
N.T.S.

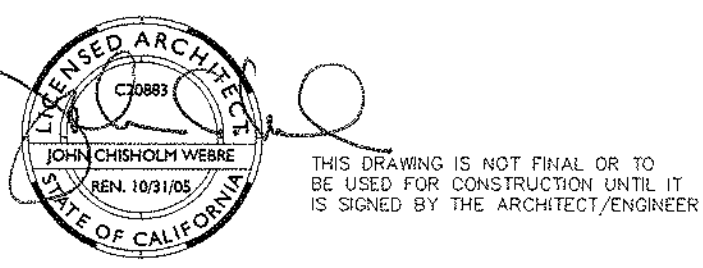
R02

DREYFUSS & BLACKFORD

ARCHITECTS

3540 FOLSOM BOULEVARD
SACRAMENTO, CALIFORNIA
95816
TELEPHONE 916 453-1234
FACSIMILE 916 453-1236

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
A# 02-106610 1/4R#1
DATE 12/9/2004



REVISION	BY	DATE
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2	SS	12/9/2004
3	SS	12/9/2004
4	SS	12/9/2004
5	SS	12/9/2004

SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

ROOF DETAILS

A4745.01
AS SHOWN
09 DECEMBER 2004

A9.3

GENERAL NOTES

APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE

GENERAL NOTES

1. Interpretation of Drawings & Specifications
a) For convenience, specifications have been prepared for this project and are arranged in several sections, but such separation shall not be considered as the limit of the work required of any separate trade. The terms and conditions of such limitations are wholly between the contractor and his subcontractors.
b) In general, the working details will indicate dimensions, position and kind of construction, and the specifications, quantities and methods. Any work indicated on the working details and not mentioned in the specifications, or vice versa, shall be furnished as though fully set forth in both. Work not particularly detailed, marked or specified, or which conflicts with drawings and/or specifications, shall be furnished as though fully set forth in both. Work not particularly detailed, marked or specified, or which conflicts with drawings and/or specifications, shall be furnished as though fully set forth in both. Work not particularly detailed, marked or specified, or which conflicts with drawings and/or specifications, shall be furnished as though fully set forth in both.
c) Should an error appear in the working details or specifications or in work done by others affecting this work, the Contractor shall notify the Architect at once and in writing. If the Contractor proceeds with the work so affected without having given such written notice and without receiving the necessary approval, decision or instructions in writing from the Owner, then he shall have no valid claim against the Owner, for the cost of so proceeding and shall make good any resulting damage or defect.
d) Approval, decision or instruction shall be valid or be the basis for any claim against the Owner, its officers, employees or agents. The foregoing includes typical errors in the specifications or notational errors in the working details where the interpretation is doubtful or where the error is sufficiently apparent as to place a reasonably prudent contractor on notice that, should he elect to proceed, he is doing so at his own risk.
e) Construction shall conform to all applicable codes and regulations.
f) Shop Drawings
1) Shop Drawings shall be submitted in the form of one sepa transparency and two blue line prints of each sheet.
2) The purpose of Shop Drawings submitted by the Contractor is to demonstrate to the Structural Engineer that he understands the design concept by indicating which material he intends to furnish and install, and by detailing the fabrication and installation methods he intends to use.
3) Prior to fabrication, Shop Drawings shall be submitted for review by the Structural Engineer. Shop Drawing submissions shall include, but are not necessarily limited to, structural steel, reinforcing steel, & glued laminated beams.
4) Prior to submission the Contractor shall review all submittals for conformance with the Contract Documents and shall stamp submittals as being "Reviewed for Conformance".
5) Shop Drawings submitted by the Contractor shall be reviewed by the Structural Engineer and shall be stamped "Reviewed for Conformance".
6) Any detail on the Shop Drawing that deviates from the Contract Documents shall clearly be marked with the note "This a change".
7) Shop drawings or calculations submitted for review that require resubmission for re-review shall be submitted for such time to the General Contractor. Re-review will not proceed without written approval from the General Contractor for additional engineering review services.
8) Safety Note:
a) It is the Contractor's responsibility to comply with the pertinent sections, as they apply to this project, of the "Construction Safety Orders" issued by the State of California latest edition, and all OSHA requirements.
b) The Contractor shall be responsible for the safety of his personnel and the safety of the Contractor's failure to comply with these requirements.
c) The Contractor shall be responsible for adequate design and construction of forms and shoring required.
d) The Contractor shall notify the Architect and Structural Engineer where a conflict or discrepancy occurs between the Structural drawings and any other portion of the Contract Documents or existing field conditions. Such notification shall be given in due time so as not to affect the construction schedule. In case of a conflict between Structural drawings and specifications, the more restrictive condition shall take precedence unless written approval has been given for the least restrictive condition.
e) Where a specific detail is shown, the construction shall be identical or similar to that indicated for like cases of construction on this project. Should there be any question, contact the Architect and Structural Engineer prior to proceeding.
f) When construction attaches to an existing building, a complete set of drawings of the existing building shall be kept on the job site. Contractor to obtain these drawings from the Owner.
g) Not used.
h) Any substitutions for structural members, hardware or details shall be reviewed by the Architect and Structural Engineer. Such review will be billed on a time and materials basis to the General Contractor with no guarantee that the substitution will be allowed.
i) Do not scale drawings. Contact the Architect or Structural Engineer for any dimensions not shown.
j) These drawings are not complete until reviewed and accepted by local Building Officials and signed by the Owner and the Structural Engineer.

ABBREVIATIONS

- 1005N03-1
- AB -----Anchor Bolt
abv -----Above
b/w -----Between
b/f -----Bottom of Footing
btwn -----Between
cc -----Center to Center
CJ -----Control Joint
CL -----Clear
CMU -----Concrete Masonry Unit
CJ -----Construction Joint
cont -----Continuous
concr -----Concrete
c/sk -----Complete Slip Critical
c/sk -----Countersink
DF -----Douglas Fir
DL -----Dead Load
D/L -----Ditto
dwg -----Drawing
Ext -----Existing
EF -----Each Face
EJ -----Expansion Joint
EN -----Elevation
EN -----Edge Nailing
E/S -----Edge of Slab
EQ -----Equal
EW -----Each Way
EW -----Each Way Each Face
FB -----Face of Block(Brick) or Flat Bar
FC -----Face of Concrete or Framing C/S(Simpson A35)
FF -----Finish Floor
FS -----Face of Stud or Far Side
ga -----Gauge or gage
glb -----Glued Laminated Beam
hdr -----Header
HSS -----High Strength Bolt
HSS -----Hollow Structural Section
ht -----Height
H -----Hanger
LL -----Live Load
LLV -----Long Leg Vertical
LS -----Live Load
LW -----Light Weight
LWC -----Light Weight Insulating Conc
MB -----Machine Bolt
mfr -----Manufacturer
HDG -----Hot Dipped Galvanized
- MI -----Malleable Iron
(N) -----New
NS -----Not in Contract
NS -----Near Side
nts -----Not to Scale
NW -----Normal Weight
OH -----Opposite Face
OSB -----Oriented Strand Board
pc -----Place
PP -----Partial Joint Penetration
PT -----Pressure Treated
rdw -----Redwood
SC -----Slip Critical
shg -----Sheathing
sim -----Similar
SWS -----Steel Wire Strand
SP -----Structural Panel
stfr -----Stiffener
stgd -----Staggered
t/b -----Top & Bottom
t/b -----Tongue & Groove
thrd -----Threaded
tn -----Toe Nail
to -----Top of
t/c -----Top of Concrete (slab uno)
tof -----Top of Footing or Top of Framing
tst -----Top of Steel
tw -----Top of Wall
TS -----Tube Steel
uno -----Unless Noted Otherwise
w/o -----without
w/ -----with
WS -----Wood Scribe
WFF -----Welded Wire Fabric
PL -----Plate
W -----Wide Flange
W -----Weld
sq -----Square
C -----Cont Wood in Section
W -----Wood Blocking in Section
End of Wood Piece
(a) -----"member" above
(b) -----"member" below

DESIGN CRITERIA

- 1005N03-1
1. Codes and Standards
a) 2001 California Building Code (CBC)
b) 2001 California Building Code (CBC)
c) 1995 ACI
d) 1989 AISI
2. Vertical loads
a) Roof Live Load = 20 psf
b) Floor Live Load = 40 psf
c) Floor Partition Load = 10 psf
d) Live loads are reduced where permitted by code.
3. Lateral loads
a) Seismic
b) Zone 4, Z = 0.4
c) R = 1.25, I = 1.15, p = 1.15
d) Soil Profile Type: S
e) Near Source Factors:
f) For 2x4x8, S₁ = 1.0, S₂ = 1.0
g) For 2x4x8, S₁ = 1.0, S₂ = 1.0
h) For 2x4x8, S₁ = 1.0, S₂ = 1.0
4. Soils Values
a) Allowable soils pressure
b) 1) DL = 1000 psf
c) 2) DL = 1000 psf
d) 3) DL = 1000 psf
5. Wind
a) 25 mph - Exposure C
b) W = 1.0

TESTS AND INSPECTIONS

- 1005N03-1
1. Tests and inspections shall be provided by a qualified testing agency as required below and shall conform to the requirements of 2001 CBC Section 1701. Testing and inspection records shall be kept for all structural concrete.
2. Tests:
a) Fill Compaction
b) Reinforcing Steel **
c) Concrete
d) Structural Steel **
e) Masonry
f) Grout and Mortar
g) Epoxy & Expansion Anchors
h) Shotcrete
3. Inspections:
a) Footing Excavation
b) Pile/Post Installation
c) Reinforcement Placement
d) Concrete Placement
e) Shot Welding
f) High Strength Bolting
g) Masonry Placement & Grouting
h) Shear Stud Installation
i) Epoxy & Expansion Anchors
j) Shotcrete Embedded in Conc or Masonry
4. Submit material certificates to verify material properties.
5. Welding must be performed in shop approved by the building official and structural engineer.

WOOD

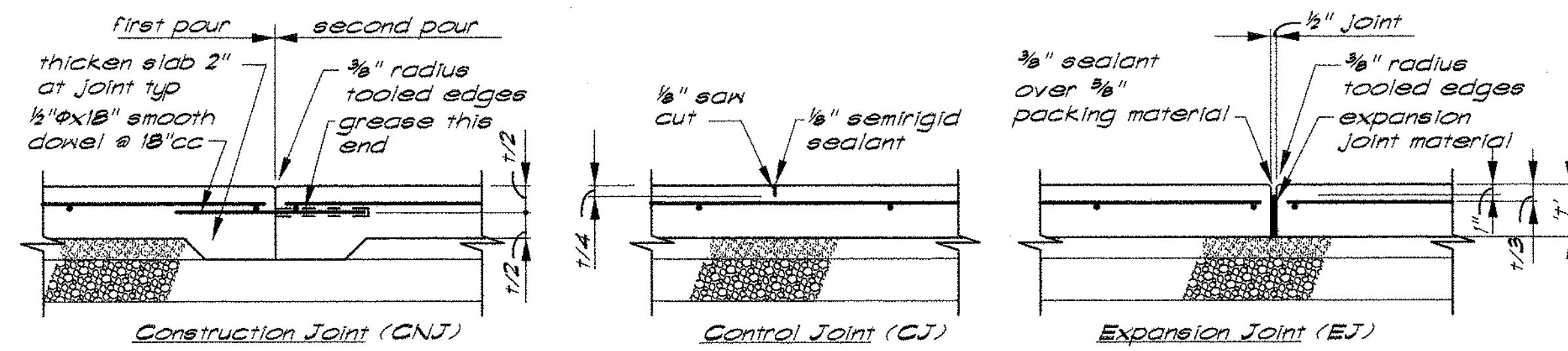
- 1005N03-1
1. All structural wood shall conform with the following specifications:
a) Douglas Fir - Coast Region - WCLUB grading rules #17.
b) 2x studs, rafters, ledgers, plates = #1.
c) 3x and larger studs, posts, ledgers, plates = #1.
d) 6x and larger beams = #1.
e) nailing, blocking - Construction.
f) Decking - Coast Region - WCLUB grading rules #17.
g) non structural blocking, stripping, furring - Construction.
2. Redwood - California Redwood, RS.
a) Glued Laminated Beams - Standard Spec. for Structural Glued Laminated Timber AITC 117. Submit Shop Drawings prior to fabrication of glued laminated members.
b) Engineered Lumber
c) Microsilica laminated veneer lumber (LVL) - National Evaluation Report No. NER-481
d) Parallel strand lumber (PSL) - National Evaluation Report No. NER-481
e) Sheathing - US Product Standard PS 1-85 and PS 2-82, Struct 1 APA rated for exterior use.
f) Pressure Treated Douglas Fir - Standard Specification FDN, by AWPA.
g) All wood in direct contact with earth or concrete shall be pressure treated, except ledgers, which do not need to be pressure treated.
h) Bearing and shear walls shall have double top plates, lapped at wall and partition intersections with 3/4" nails. Splice upper and lower plates as in Typical Stud Wall & Opening Framing Detail on Typical Detail Sheet #5.12.1.
i) Provide solid blocking between joists and rafters at all supports.
j) Provide blocking at all ceiling levels.
k) Joists under and parallel to partitions shall be doubled and nailed together.
l) The moisture content of 2x material at time of initial use shall be less than 19%. The moisture content of lumber 3x and larger at time of initial use shall be less than 18%.
m) Holes for bolts in wood shall be bored with a bit of the same nominal diameter as the bolt plus 1/16".
n) Holes for lag screws shall be first bored to the same diameter and depth as the untreated shank, and the rest to 50% of the shank diameter.
o) All holes shall be unthreaded holes unless otherwise shown or noted.
p) Soap may be used to lubricate screws.
q) All bolts and lag screws shall be provided with metal washers under heads and nuts which bear on wood. Applies also to inserted expanding fasteners, Red Head, etc.
3. BOLT SCHEDULE
- | BOLT SIZE | WASHER | STEEL WASHER |
|-----------|-----------------|--------------|
| 1/4" | 1/4" x 1/4" | 2" x 3/16" |
| 3/8" | 3/8" x 3/8" | 2" x 1/2" |
| 1/2" | 1/2" x 1/2" | 2" x 3/4" |
| 3/4" | 3/4" x 3/4" | 2" x 1" |
| 1" | 1" x 1" | 2" x 1 1/2" |
| 1 1/4" | 1 1/4" x 1 1/4" | 2" x 2" |
| 1 1/2" | 1 1/2" x 1 1/2" | 2" x 2 1/2" |
| 1 3/4" | 1 3/4" x 1 3/4" | 2" x 3" |
| 2" | 2" x 2" | 2" x 3 1/2" |
4. All bolts and lag screws shall be tightened on installation and retightened before closing in or at completion of job.
5. Lay all structural sheathing on roof and floors with long dimension perpendicular to supports unless noted otherwise.
6. Block shg joints with 2 x 4 flat blocking where noted on roof or floor framing and block joints where size of studs at walls. Use plywood at midspan of unsupported roof sheathing edges.
7. Framing hardware shown on the plans is Simpson Strong-Tie. Use framing hardware as manufactured by Simpson Company or equivalent. Prior to installation of any non-Simpson hardware, the contractor shall submit a list of hardware to the Architect for approval. In all cases, the hardware shall be of the same type and material as shown on the plans.
8. For each submittal item.
9. Nails for structural work shall be common wire nails conforming to the following minimum sizes:
a) Joists or Rafters---to sides of studs 8" joists or less-----3-16d each additional 4" depth-----1-16d
b) Studs to Beams---2x4 studs TN each side of stud-----2-10d TN in place of TN-----2-10d
c) 2x6 & 2x8 studs TN each side of stud-----3-10d EN in place of TN-----3-16d TN in place of TN-----2-16d
d) Ledgers-----to studs 1" ledger-----2-8d 2" ledger-----2-16d
e) Double Top Plates---lower plate to 2x4 stud-----2-16d lower plate to 2x6 or 2x8 stud-----2-16d
f) Sill Plates-----to parallel framing-----20d @ 12"oc to perpendicular framing-----each contact-----2-20d
g) Multiple Studs-----staggered for width more than 4"-----16d @ 12"oc
h) Built Up Beams-----10" or less in depth each side staggered-----16d @ 12"oc more than 10" in depth-----1/2" diameter bolts @ 24" oc staggered
i) Ceiling Stripping-----holes shall be pre-drilled 1" thick-----2-8d (1-slant) stripping boards 2" thick-----2-16d (1-slant) Where ceiling is plaster or 5/8" gypsum use Annular Stripping Nails (no slant).
10. Structural Sheathing-----See "Structural Sheathing & Siding Nailing" detail on Typical Detail Sheet.
11. Non-Structural-----at supported edges finish nails-----8d @ 6"oc Sheathing at interior bearings finish nails-----8d @ 6"oc
12. Use deformed shank nails for all floor sheathing.
13. All exposed fasteners shall have a zinc-coated corrosion resistance.
14. Nails used into pressure treated lumber shall be hot dipped galvanized per ASTM A123.

CONCRETE

- 1005N03-1
1. Structural concrete shall attain 28 day compressive strength as required in Table 1.
2. Maximum slump shall not exceed 4 inches plus or minus 1 inch.
3. Concrete mix designs shall be prepared by registered Civil Engineer, reviewed by the Owner's representative and submitted to the Structural Engineer for review.
4. Cement shall conform to ASTM C-150 Type I or II.
5. Concrete shall be placed continuously inspected by a qualified person.
6. Reinforcing steel shall conform to ASTM C-33 for normal weight concrete and ASTM C-330 for light weight concrete.
7. Non-shrink grout drypack shall consist of a premixed nonmetallic formula.
8. Reinforcing steel shall conform to ASTM A-615 Grade 60 for #4 and larger, and ASTM A-615 Grade 40 for #3 and smaller, except reinforcing steel to be welded to D14 test edition and shall be continuously inspected by a qualified person.
9. Contractor shall furnish to the laboratory, rebar mill certificates.
10. Reinforcing steel shall be fabricated according to "Manual of Standard Practice for Reinforced Concrete Construction".
11. Wire fabric shall conform to ASTM A-185.
12. Dimeless bars for location of reinforcing are to the face of main bars and denote clear coverage. Concrete coverage shall be as follows:
a) Concrete deposited directly against ground (except slabs)-----3" b) Concrete exposed to ground but placed in forms-----2" clear from top and bottom of forms (main bars)-----2" clear from top and bottom of forms (top bars)-----1-1/2" c) Beams (all other main reinforcing)-----2" d) Walls (exterior face)-----1-1/2" e) Walls (interior face)-----1-1/2" f) Slabs (on forms)-----3/4" g) Slabs (on ground)-----2" clear from top and bottom of forms (main bars)-----2" clear from top and bottom of forms (top bars)-----1-1/2" h) Concrete continuous bars at ends of spans-----2" i) Concrete continuous bars at ends of spans-----2" j) Concrete continuous bars at ends of spans-----2" k) Concrete continuous bars at ends of spans-----2" l) Concrete continuous bars at ends of spans-----2" m) Concrete continuous bars at ends of spans-----2" n) Concrete continuous bars at ends of spans-----2" o) Concrete continuous bars at ends of spans-----2" p) Concrete continuous bars at ends of spans-----2" q) Concrete 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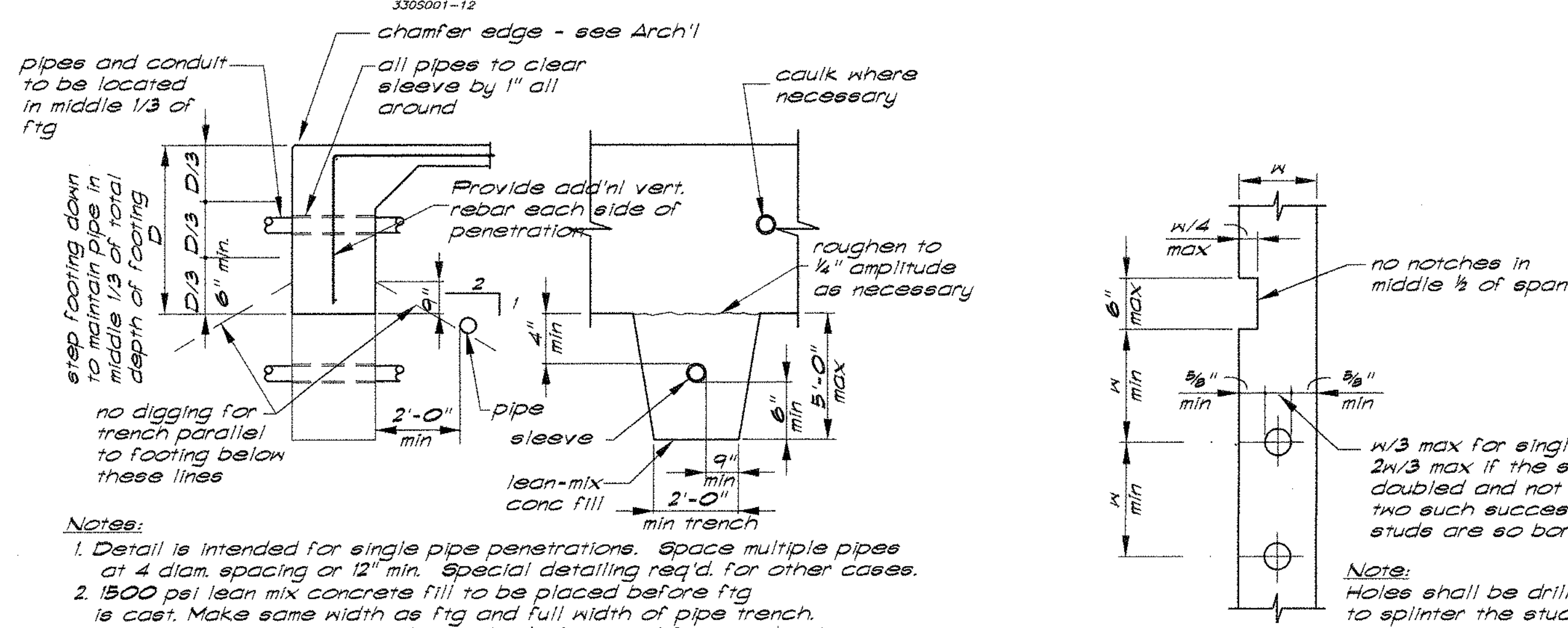
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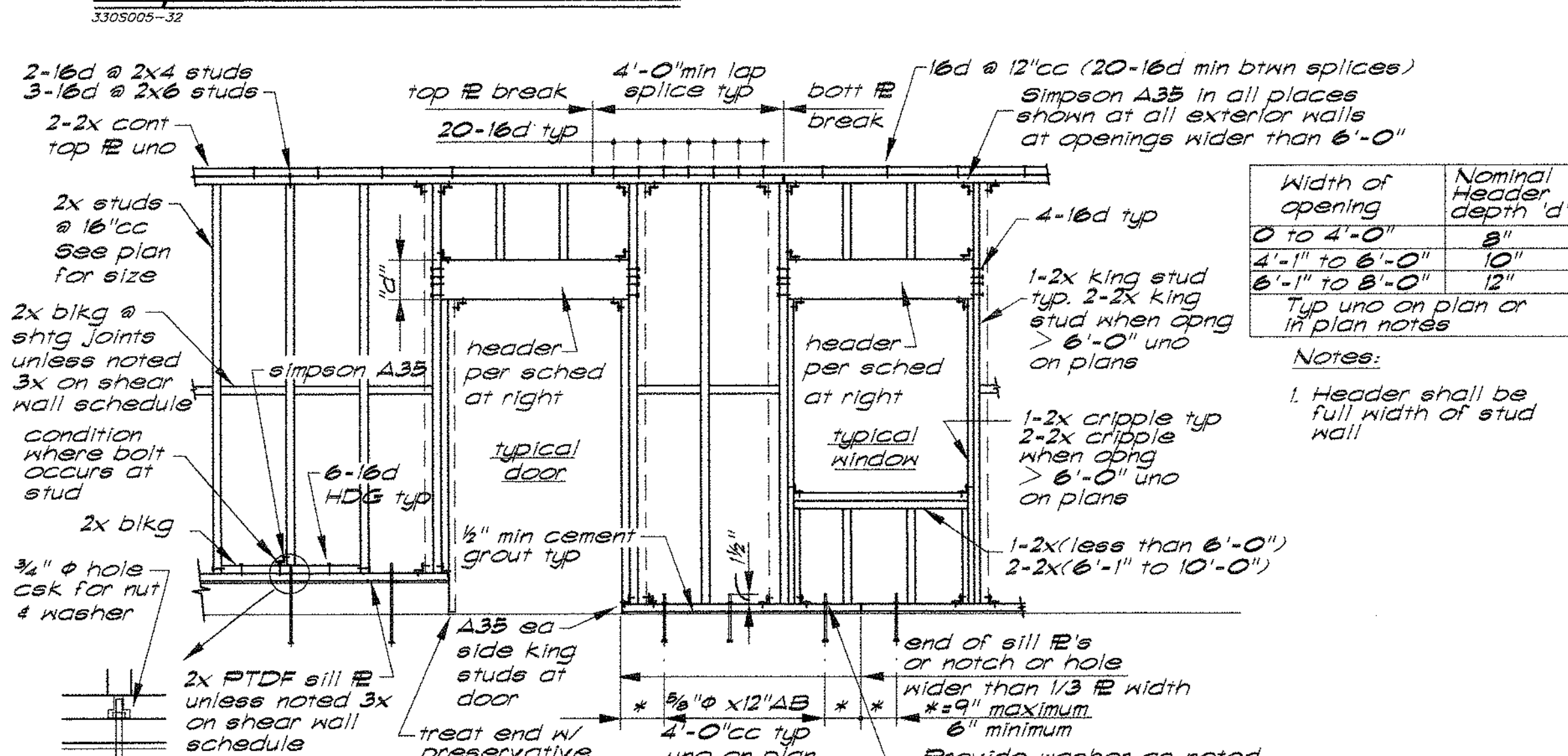
Notes:
Construction joints and control joints shall divide slab into areas not exceeding 225 sq ft without reentrant corners and with length to width ratios not exceeding 1 1/2 to 1. Contractor shall submit layout plan showing proposed control and construction joint locations. Joint spacing shall not exceed 15 feet in either direction. Sealant to be Euclid Buco #100 or equal.

Slab-On-Grade Joints

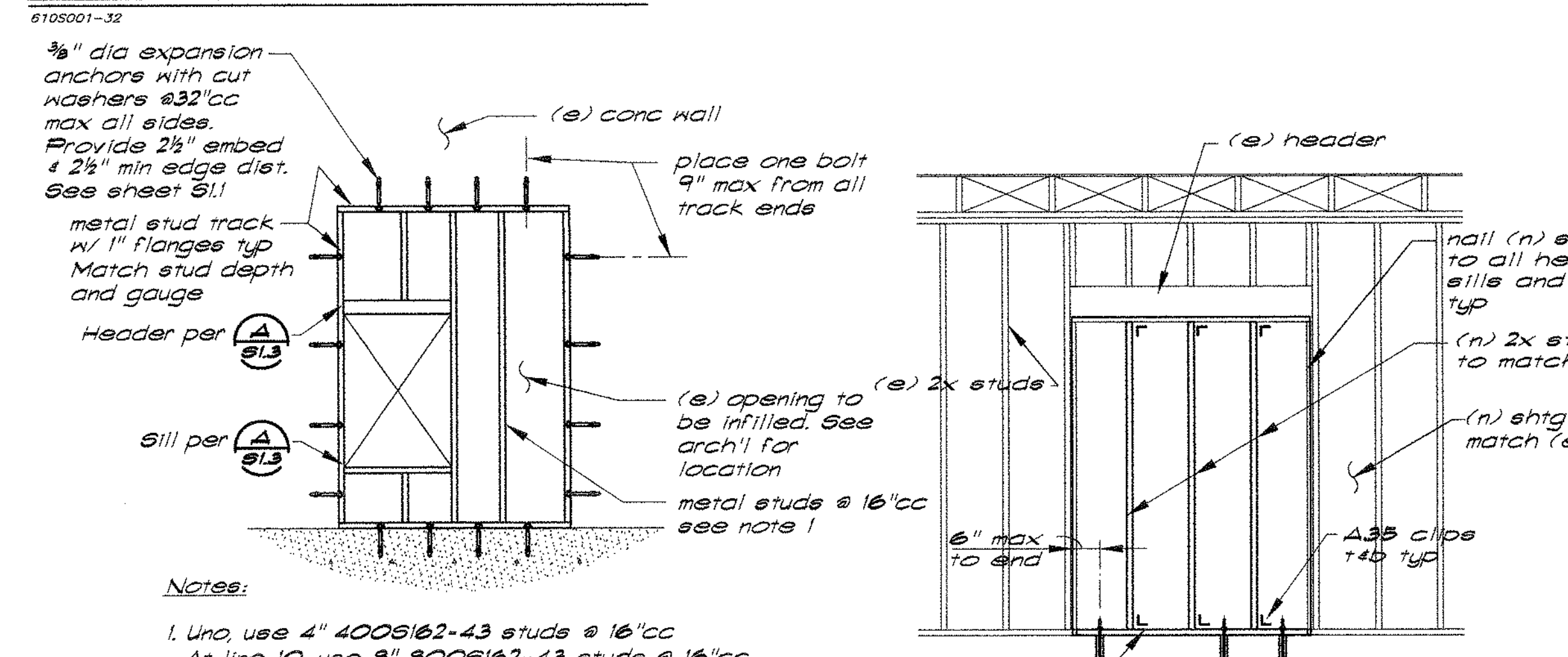


Notes:
1. Detail is intended for single pipe penetrations. Space multiple pipes at 4 diam. spacing or 12" min. Special detailing req'd. for other cases.
2. 1500 psi lean mix concrete fill to be placed before fig is cast. Make same width as fig and full width of pipe trench.
3. Step fig if pipe occurs in lower third of original footing depth.
4. No pipes shall be placed below spread ftgs or within 2 to 1 bearing zone around spread footing.
5. If pipe is in place prior to casting concrete, wrap pipe w/ 1" styro-foam insulation in lieu of sleeve.
6. Pipes or conduits are not allowed parallel in footing.

Concrete Footings at Pipes & Conduits



Typical Stud Wall and Opening Framing at Structural Walls



Notes:
1. Use 4" 400S162-43 studs @ 16" cc. At line 10, use 8" 800S162-43 studs @ 16" cc.
2. See arch'd drawings for alignment of framing and finishes with existing walls.

Detail 14 - 3/8" = 1'-0"

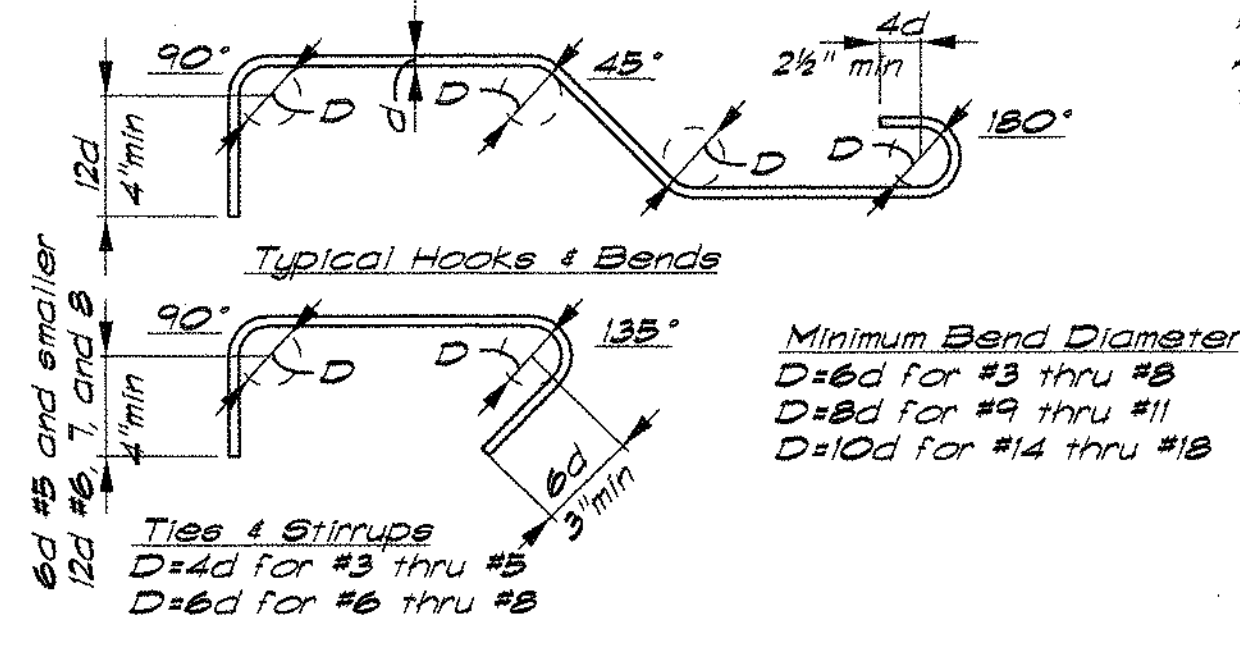
Elevation 15 - 3/8" = 1'-0"

Elevation 16 - 3/8" = 1'-0"

Elevation 17 - 3/8" = 1'-0"

Section 18 - 3/4" = 1'-0"

Alternates:
Instead of: 1/2" dia x 8" lg AB
May Use: 1/2" dia all thread (3/4" embed) Set in Epoxy per sheet S11

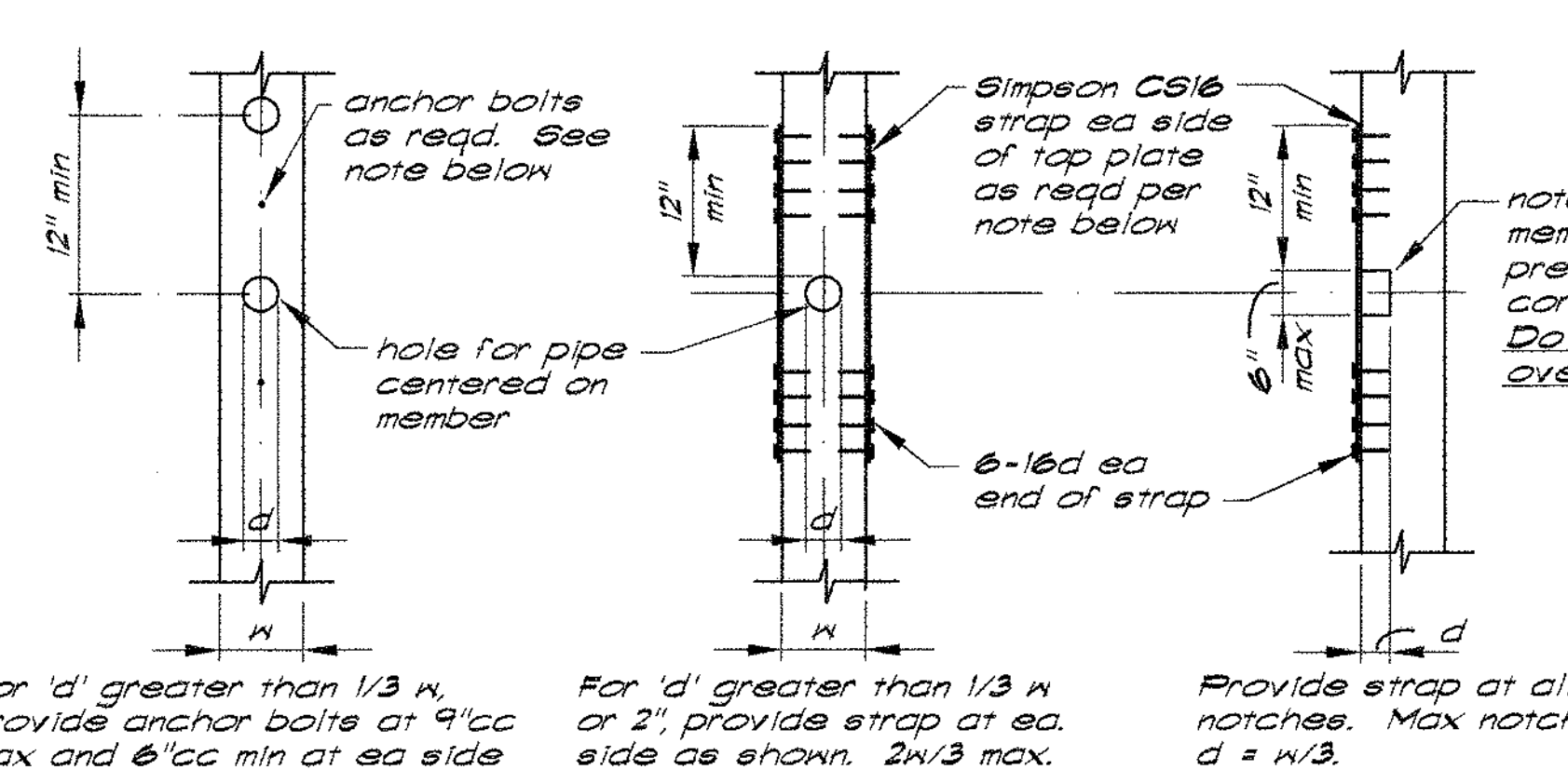


Minimum Bend Diameter:
D=6d for #3 thru #8
D=8d for #9 thru #11
D=10d for #14 thru #18

Standard Rebar Hooks and Bends

Typical Curb

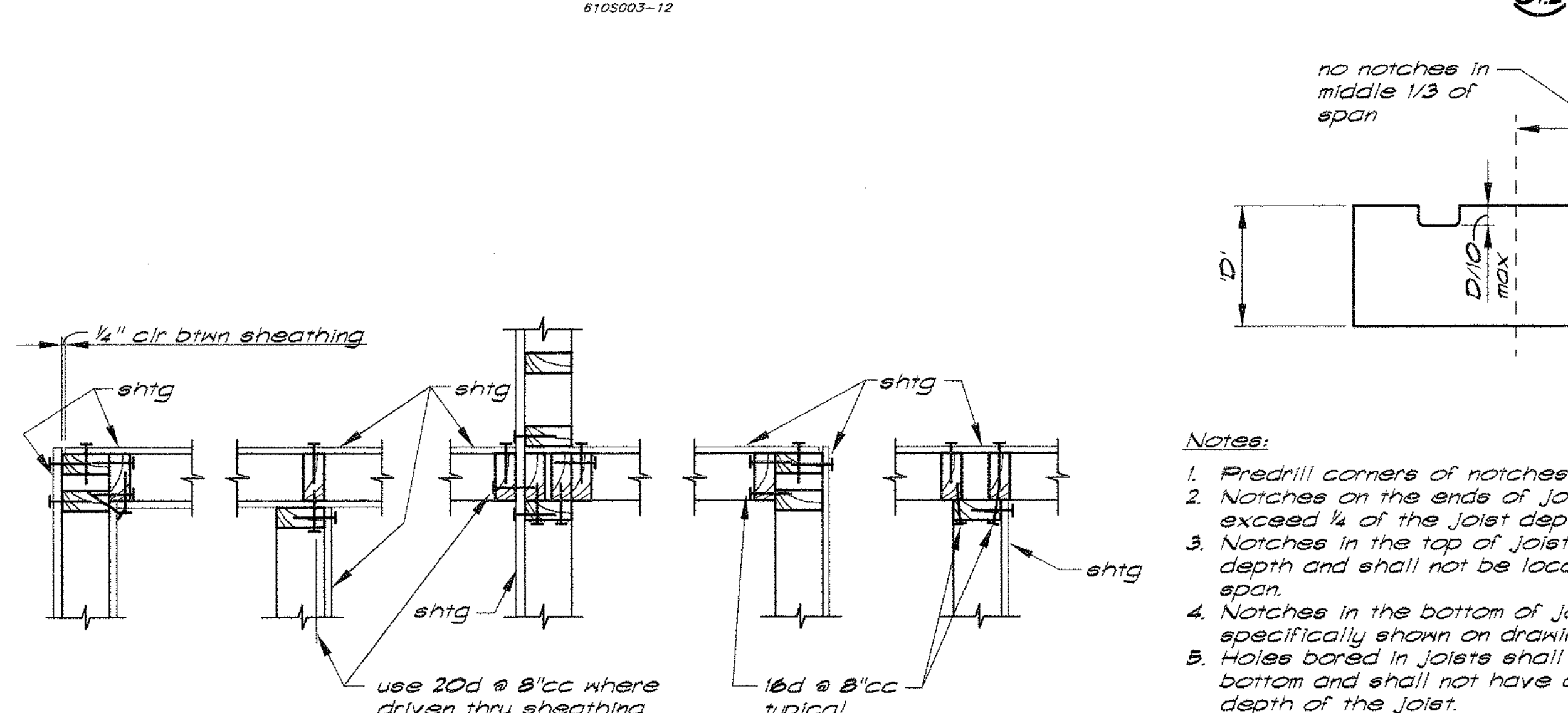
At slab depression and double wall



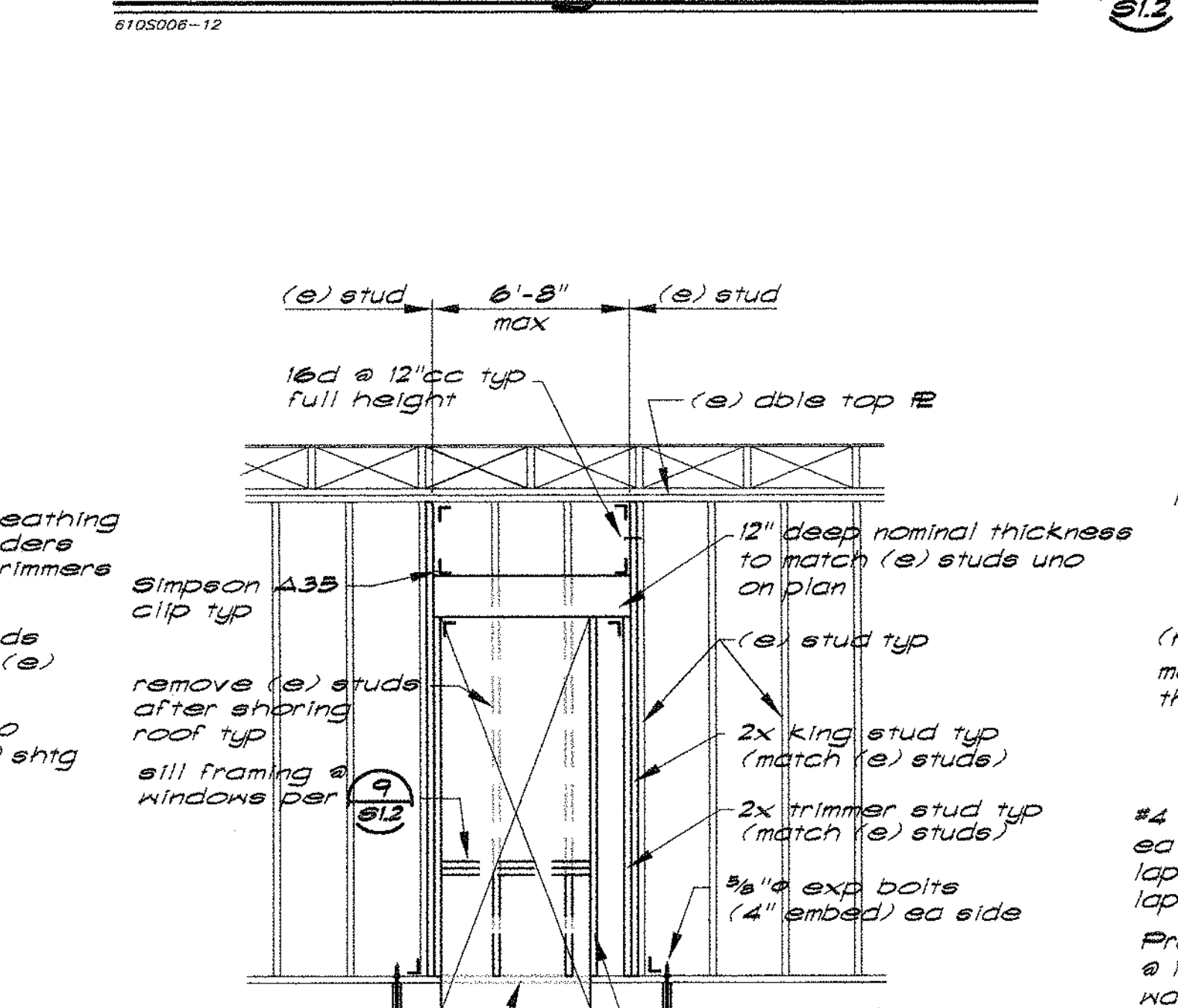
Notes:
For 'd' greater than 1/3 W, provide anchor bolts at 9" cc max and 6" cc min at ea side of hole. Provide min of 2 AB per sill plate.
For 'd' greater than 1/3 W or 2", provide strap at ea side as shown. 2W/3 max.
Provide strap at all notches. Max notch d = W/3.

Plan - Hole in Sill Plate
Note: For multiple holes and notches, maintain 18" clear min and extend strap 12" past last hole or notch.

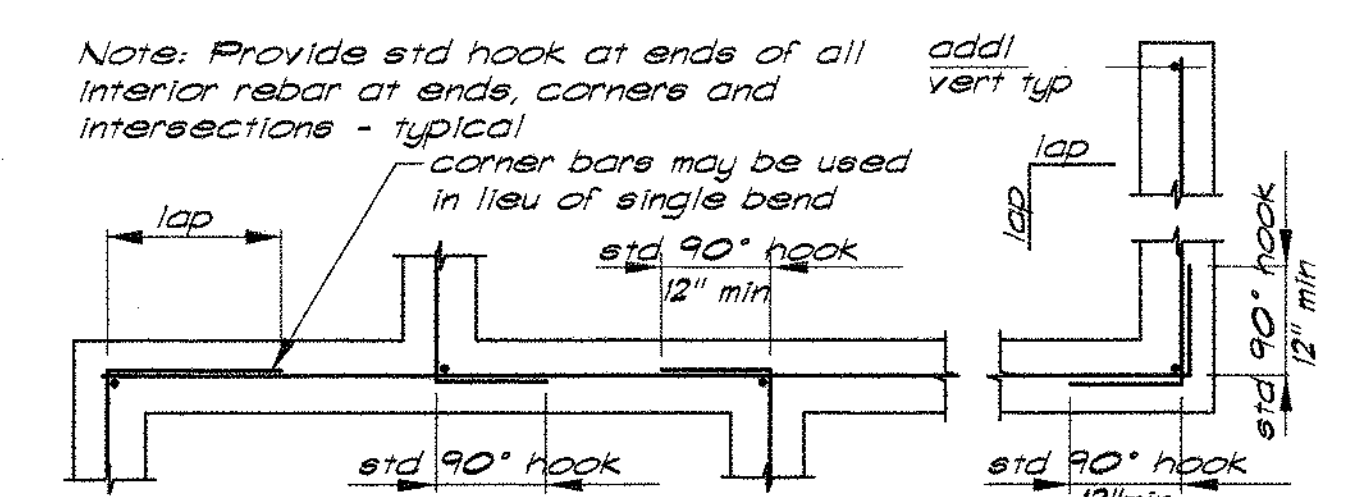
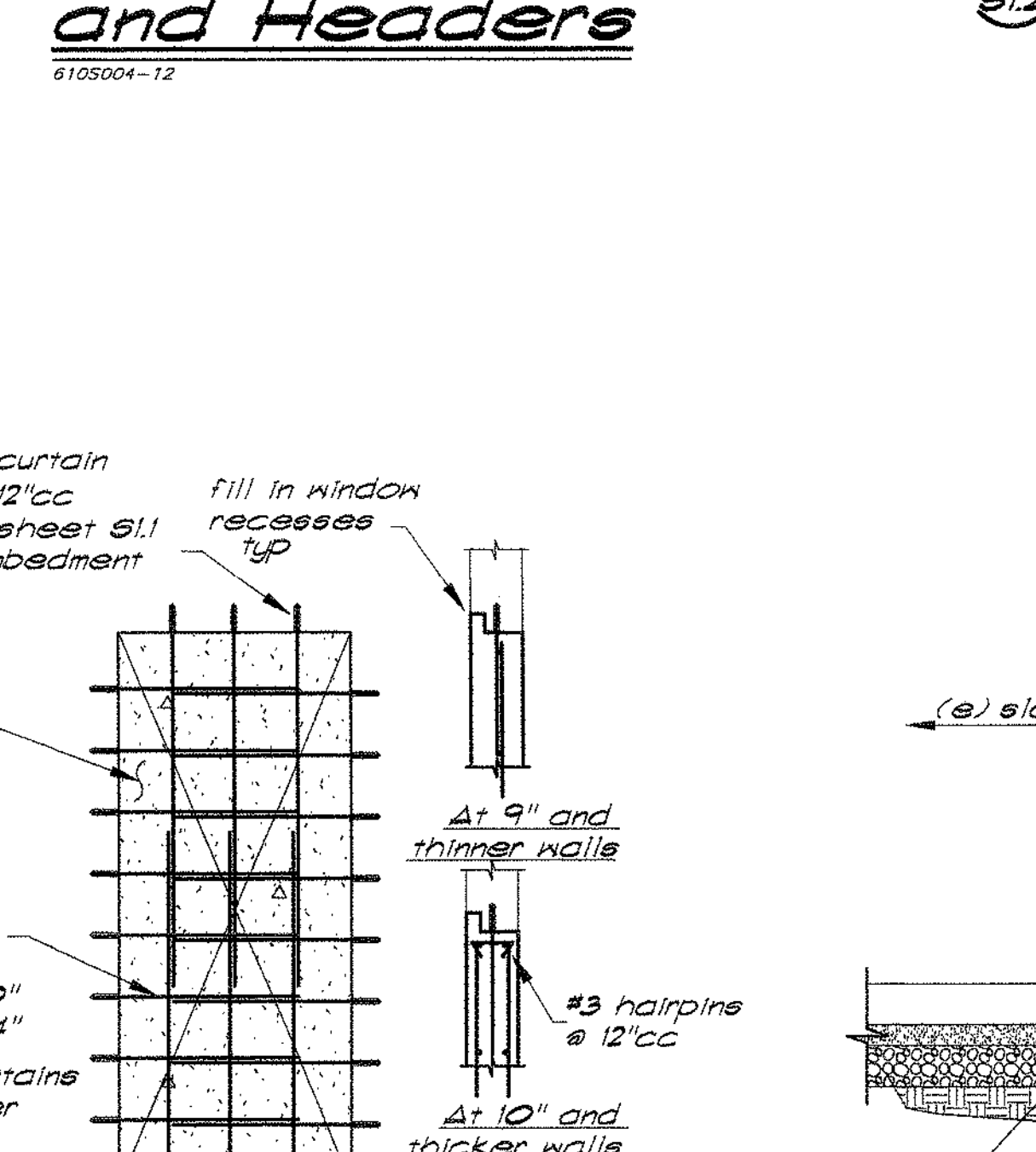
Hole or Notch thru Plates



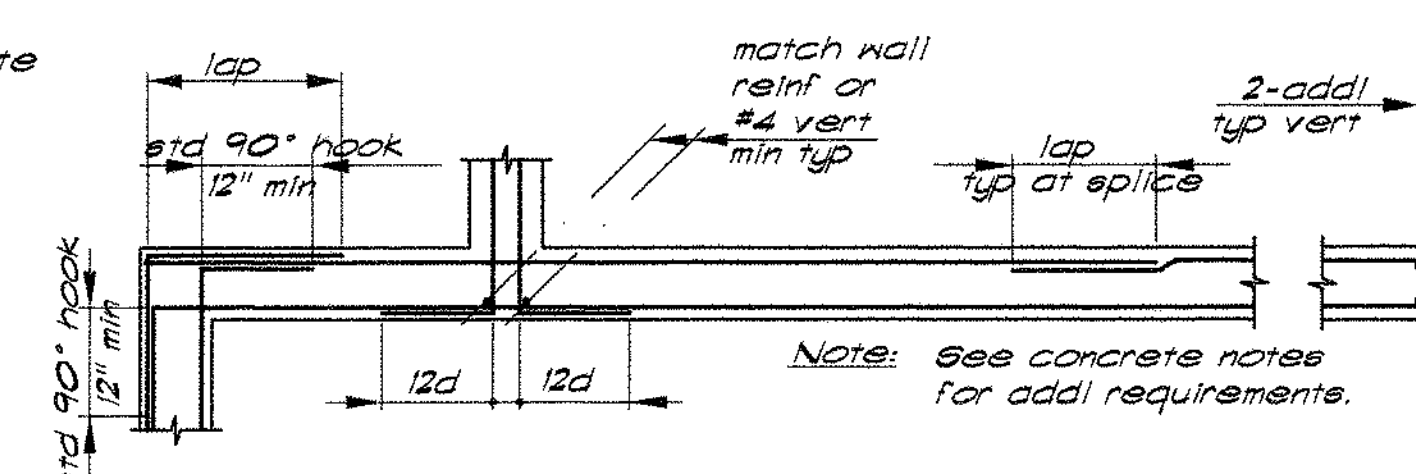
Stud Framing at Corners



Notches for Joists and Headers

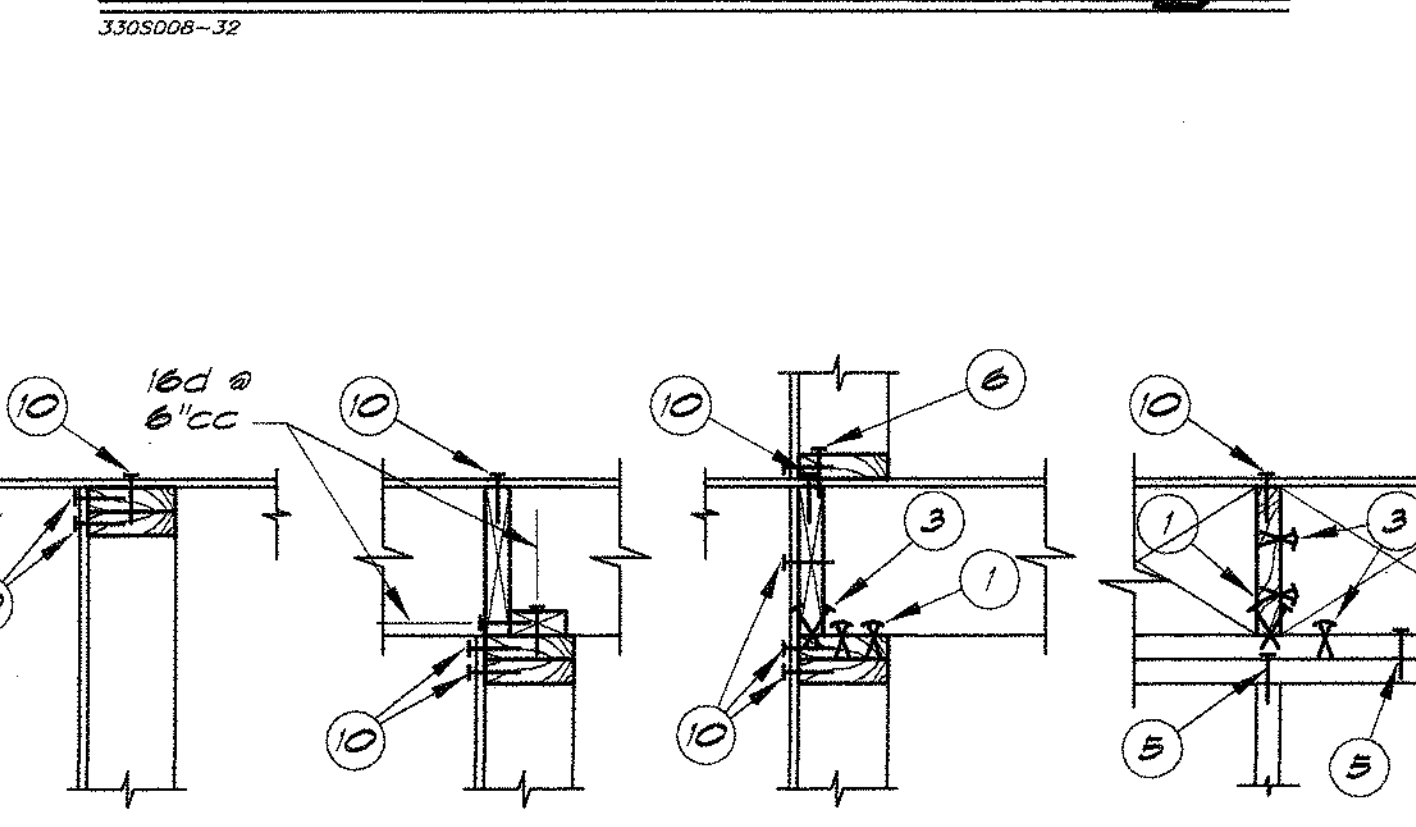


Single Layer Bars



Double Layer Bars

Corner Reinforcing at Concrete Walls & Ftgs



(10) Indicates line 10 of Nailing Schedule on General Notes Sheet.

Typical Nailing Examples

6105006-12

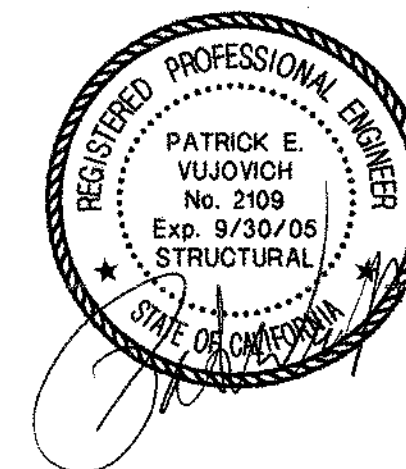
DREYFUS & BUCKFORD

ARCHITECTS

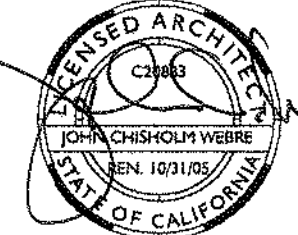
2540 POLSON BOULEVARD
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

TYPICAL DETAILS

A4745.01

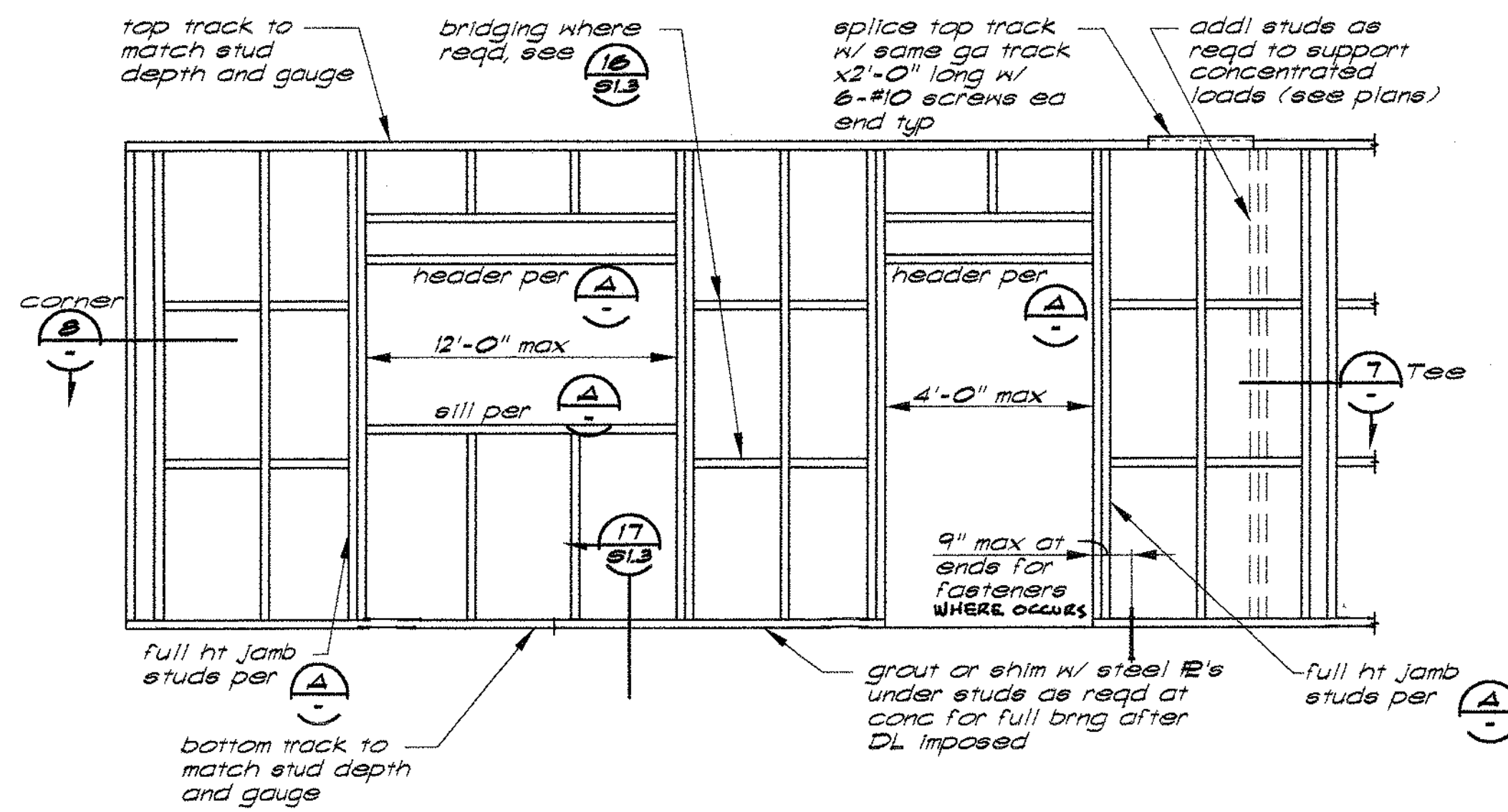
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SI.2

TYPICAL DETAILS

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Stud Framing



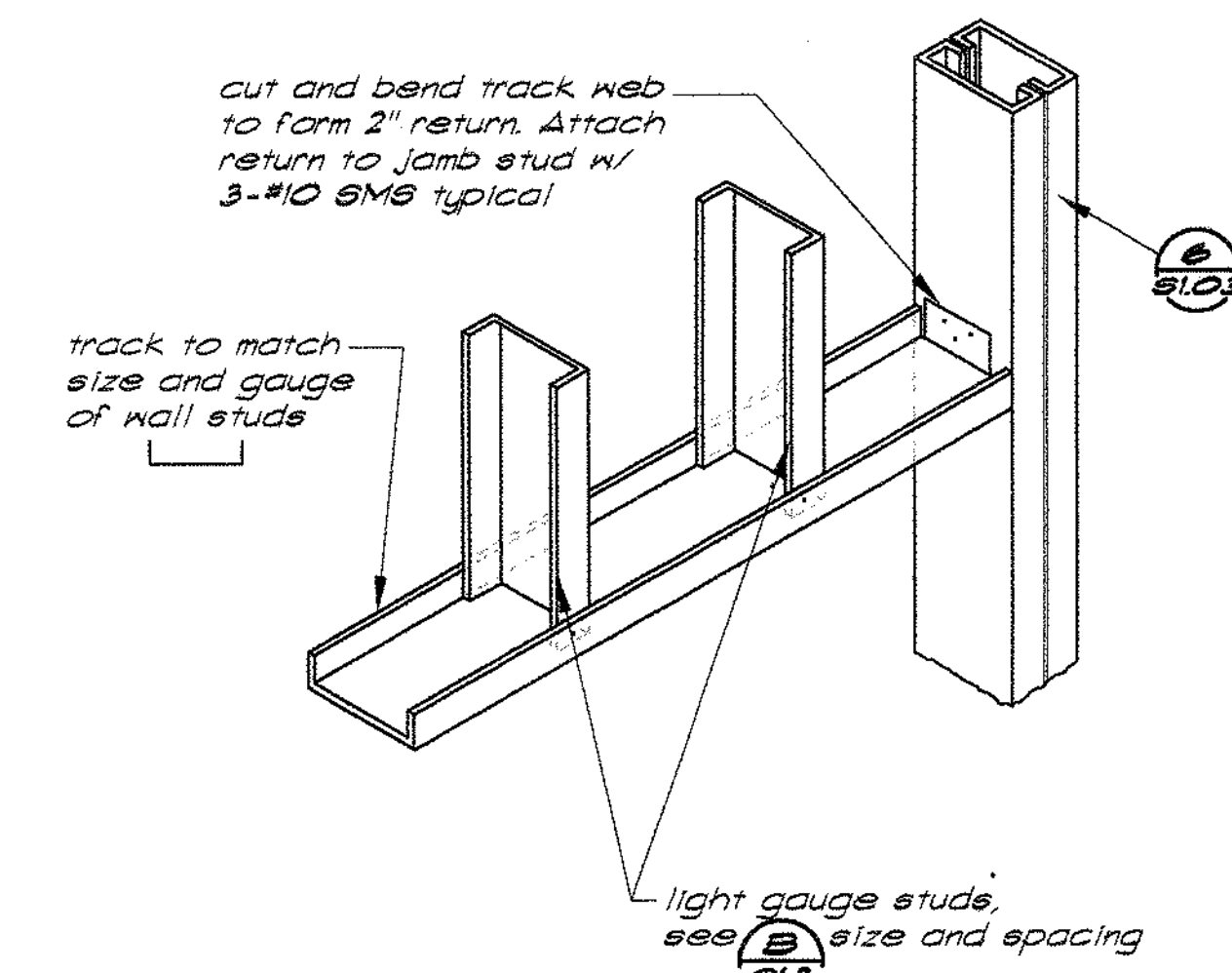
5402201-1

W' width max	Jamb	Header	Sill
4'-0"	dbl stud	1 track	1 track
8'-0"	dbl stud	2 track & stud	2 track

1. Use dbl stud minimum at door openings

5402201-1

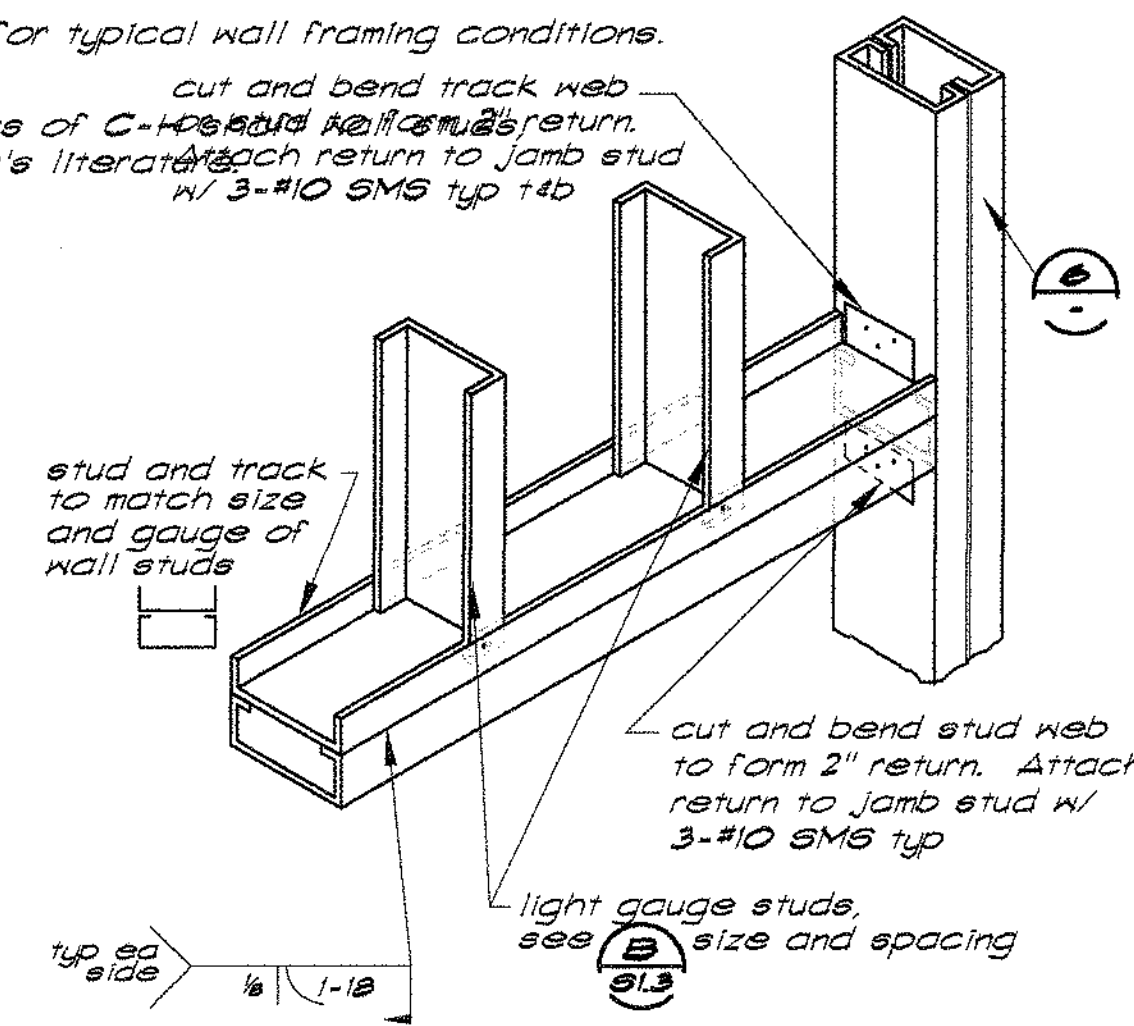
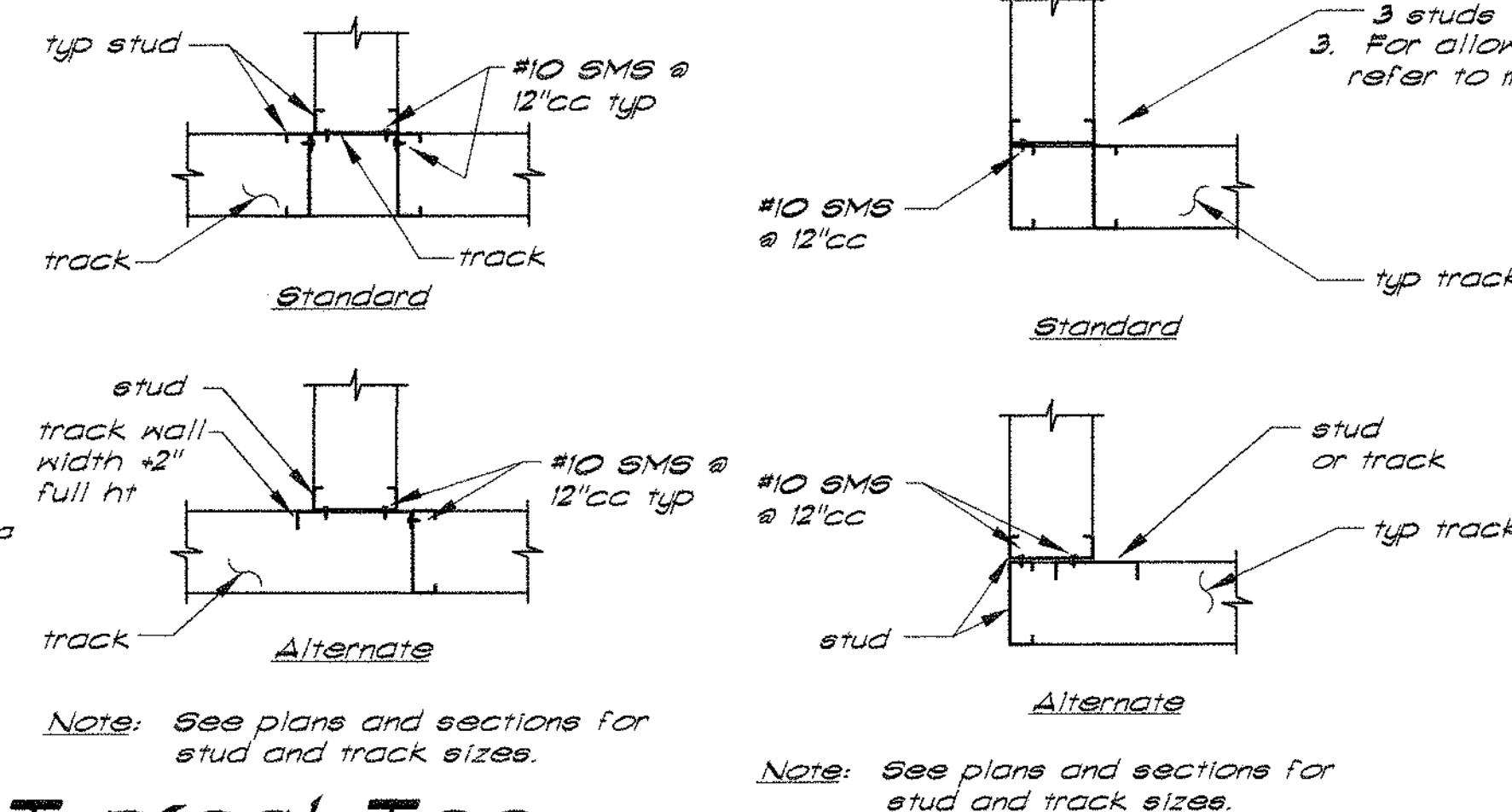
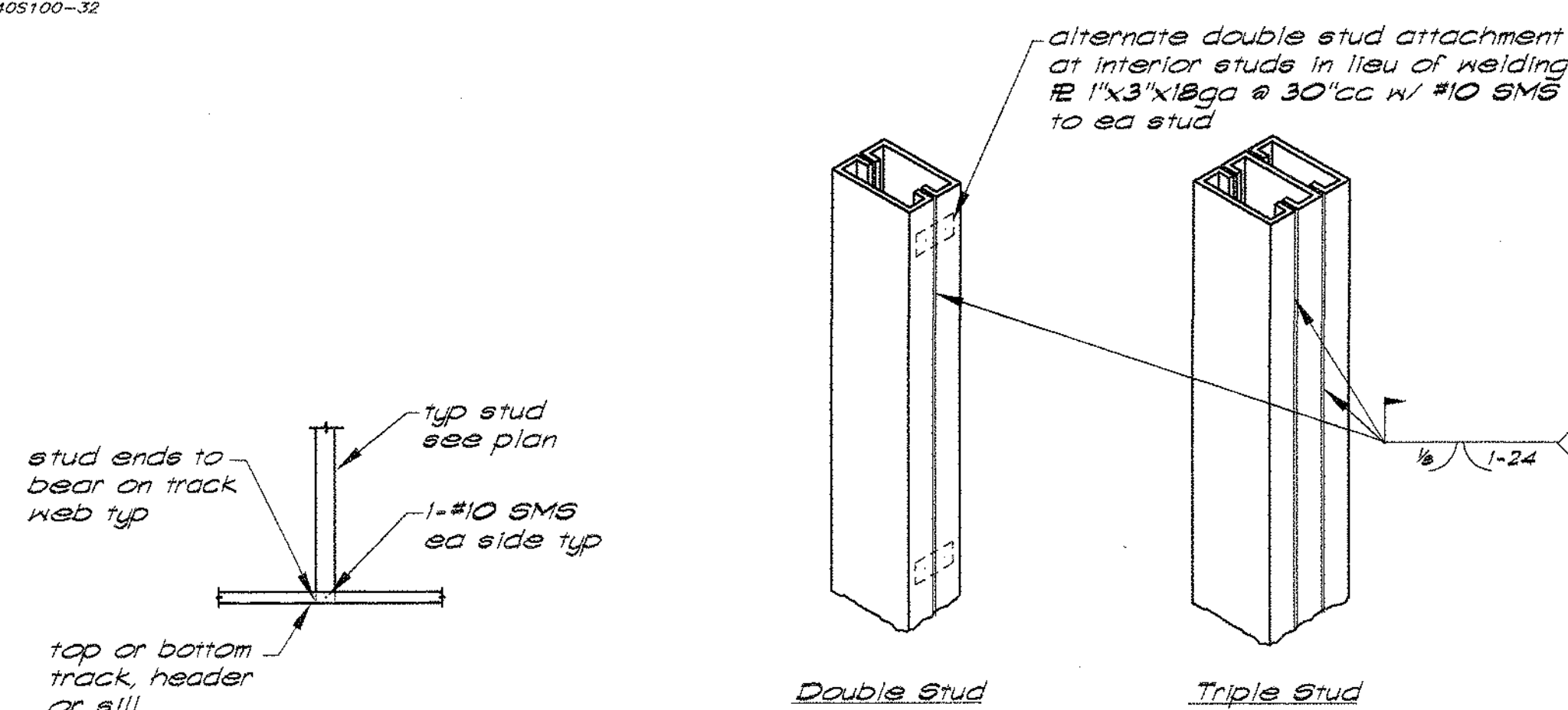
Maximum Height for Metal Studs with Deflection Limit L/240		12'cc spacing	16'cc spacing	24'cc spacing
Depth	Gage	Type	Height	Height
3 1/2"	20	S162-33	19'-3"	17'-0"
3 3/8"	18	S162-43	21'-0"	19'-11"
4"	20	S162-33	20'-10"	18'-6"
4"	18	S162-43	22'-8"	20'-7"
6"	20	S162-33	28'-7"	26'-0"



Header Detail

Typical Interior Metal Stud Wall Elevation

5405100-33



Typical Stud to Track Detail

5405001-12

Detail

5405001-12

Typical Tee Intersection

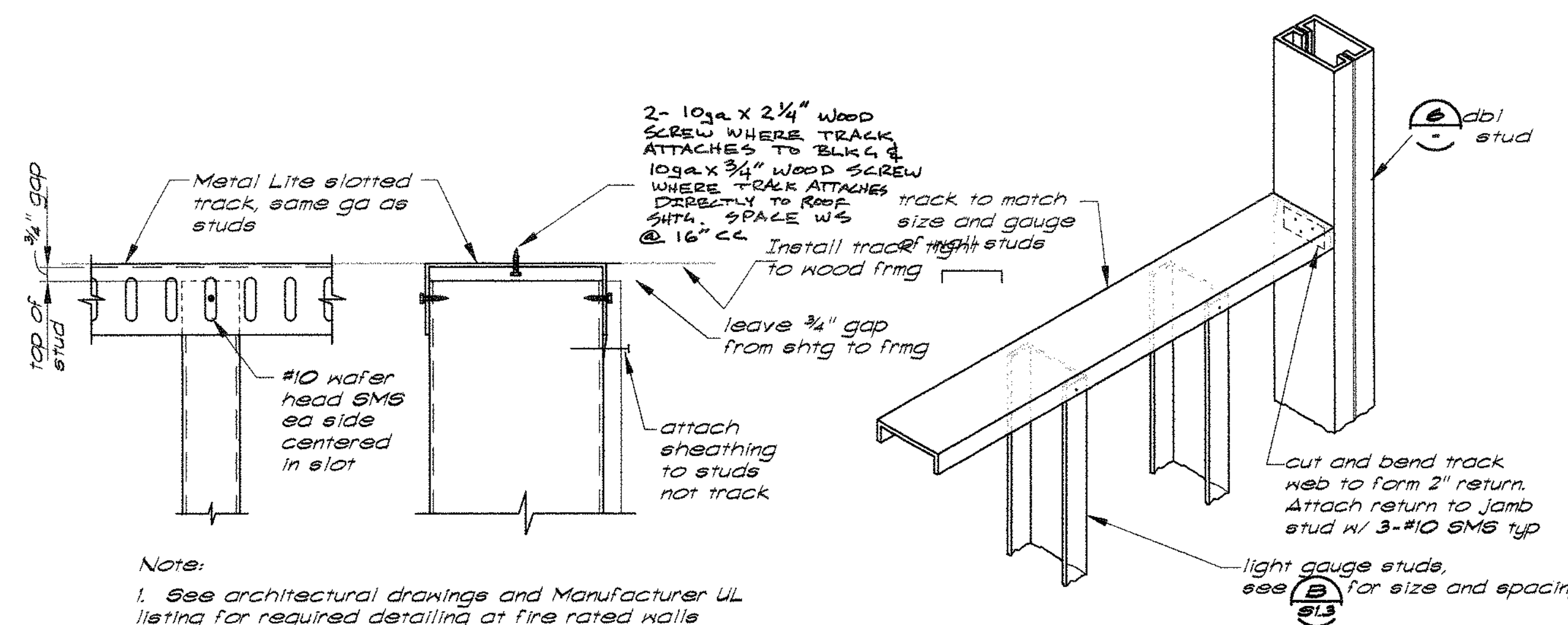
5405004-12

Typical Wall Corner

5405003-12

Header Detail

5405013-12



Note: 1. See architectural drawings and Manufacturer UL listing for required detailing at fire rated walls

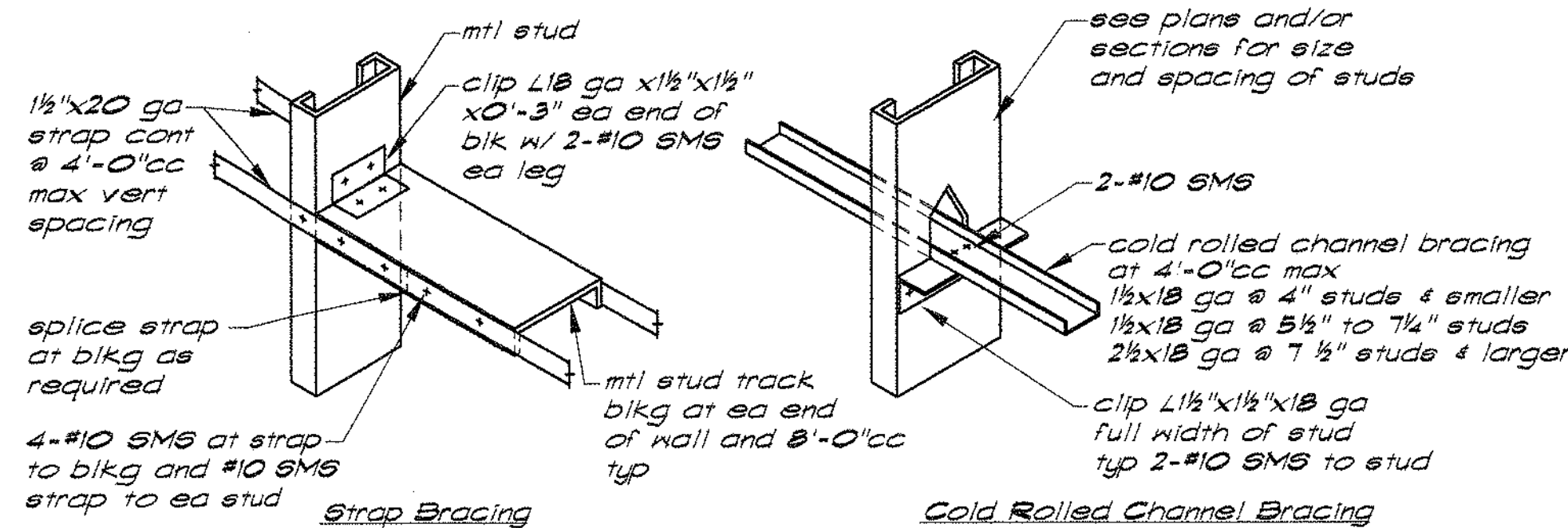
Detail

5405215-4

Sill Detail

5405208-12

- Note:
- Bracing is only required on portions of studs or joists that do not have sheathing on both sides.
 - Bracing for 4" and smaller studs and joists may be constructed of cold rolled channel or straps at contractor's option unless noted otherwise. Only strap bracing is allowed on studs or joists deeper than 4".
 - Where strap bracing occurs at walls sheathed on only one side, strap may be omitted on the sheathing side.



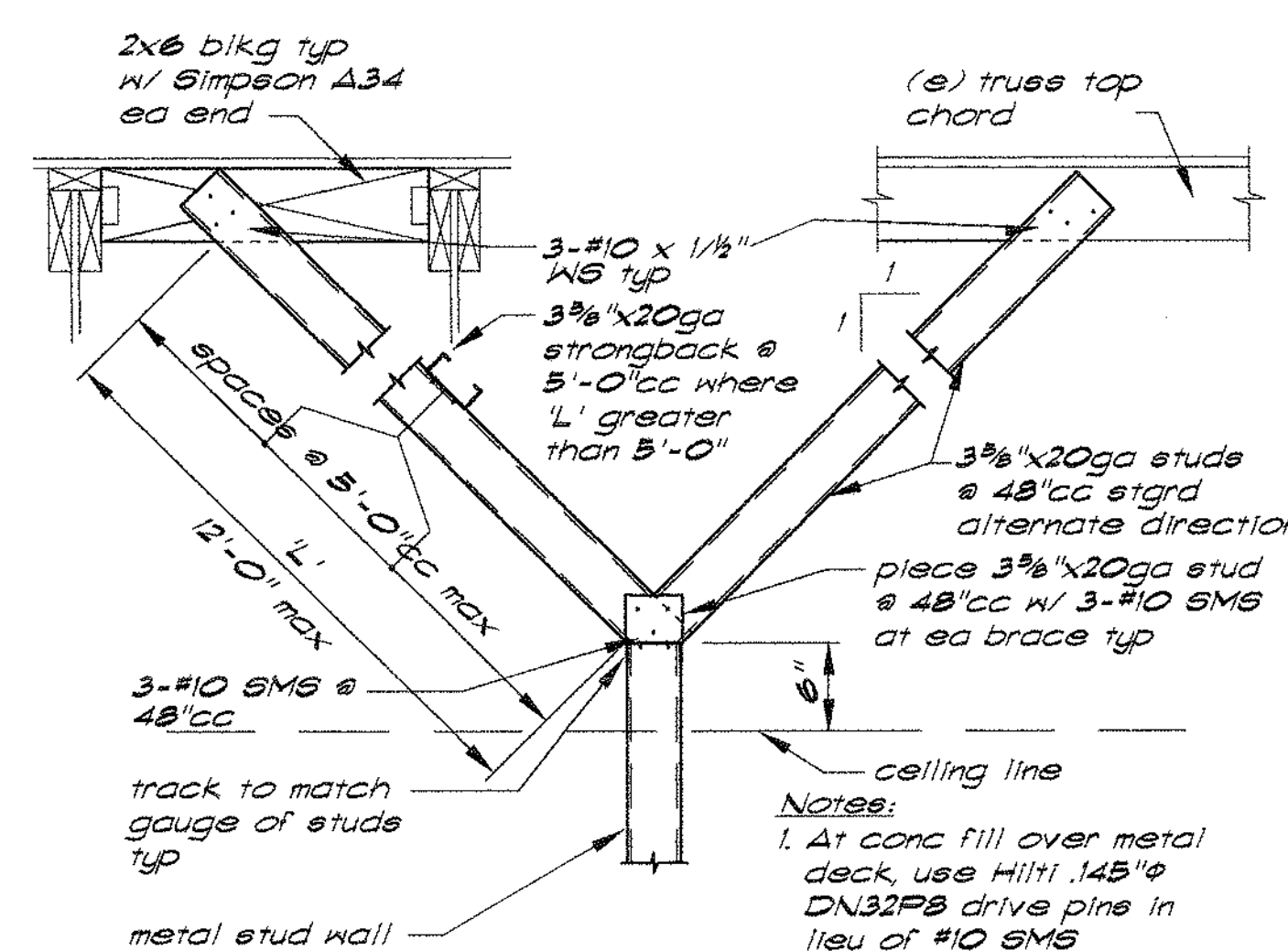
See specifications for requirement for stud wall bracing which is different from bracing. Bracing is required even when bracing is not required.

Typical Stud or Joist Bracing

5405202-12

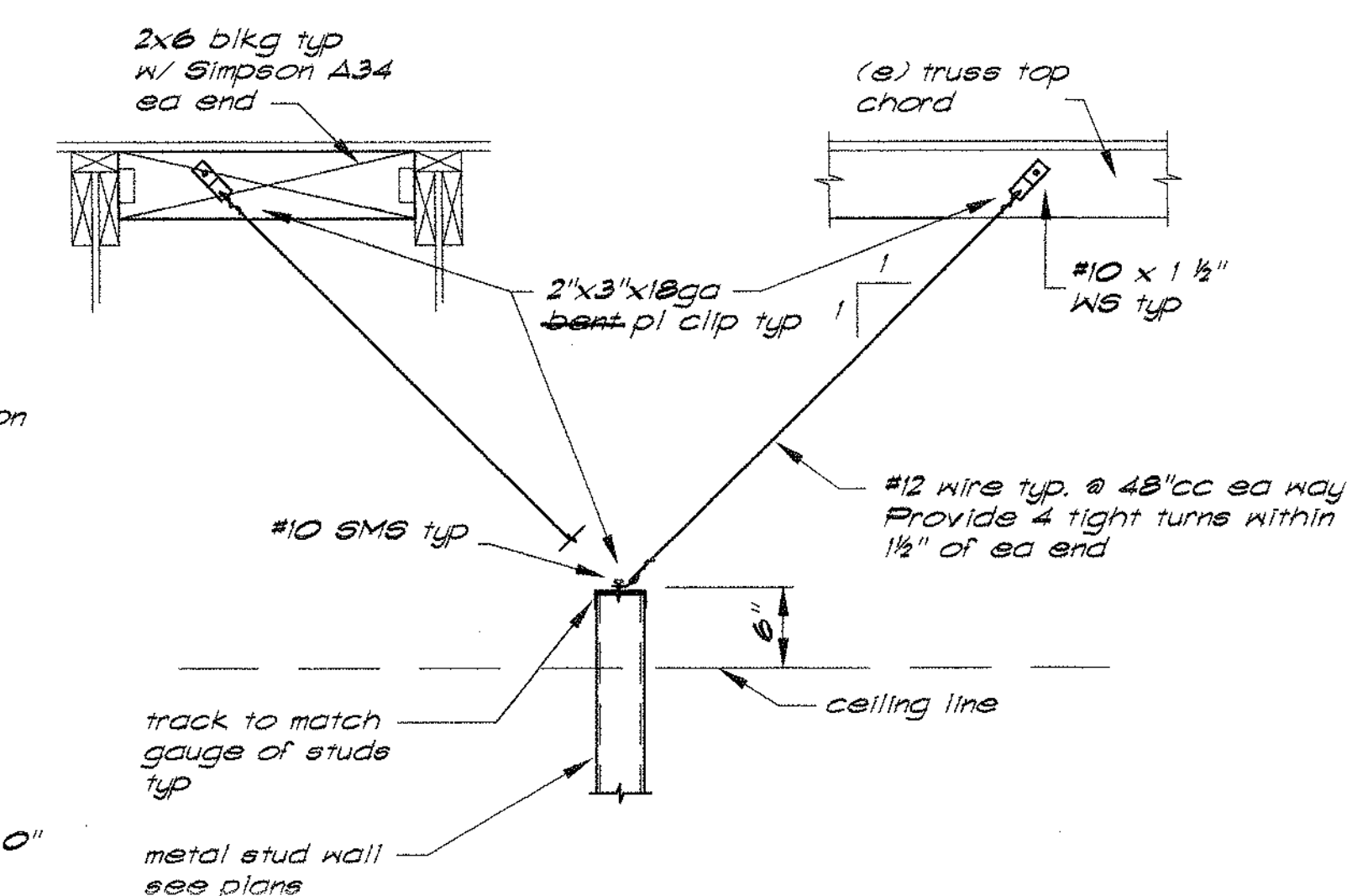
Interior Non-Bearing Metal Stud Wall Sill Anchorage

5405210-12



Typical Partial Height Partition Wall Bracing

5405241-12



Typical Partial Height Partition Wall Bracing

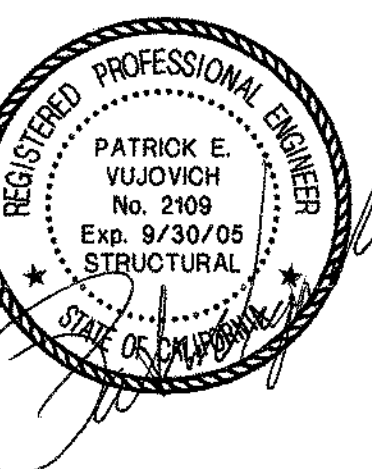
5405241-12

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SWING SPACE RENOVATION
INCREMENT #1

TYPICAL DETAILS

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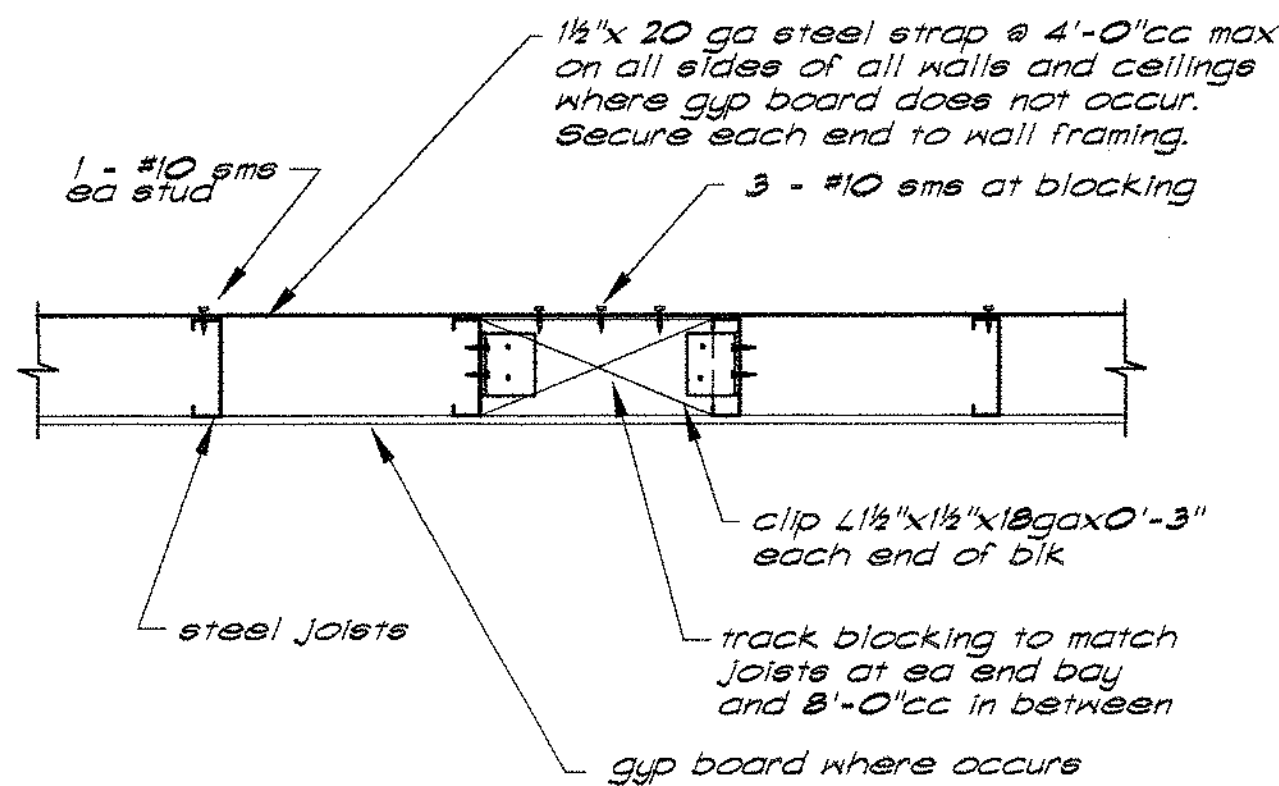
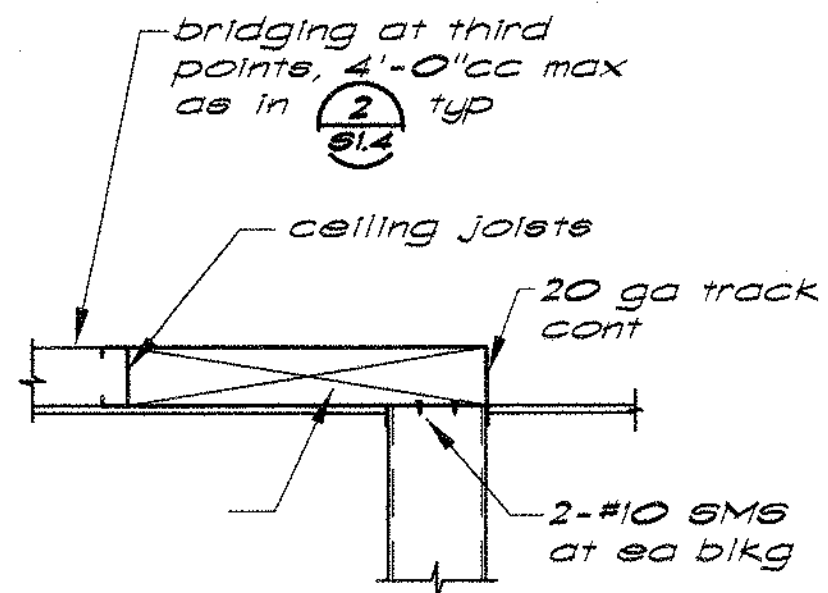
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S1.3

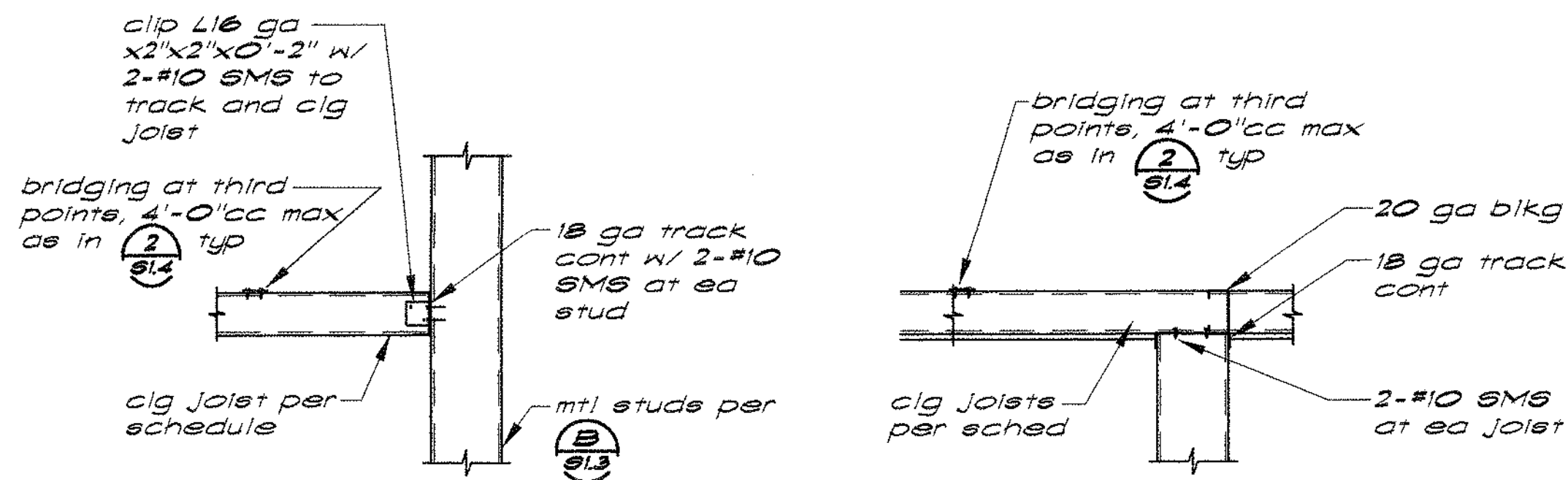
TYPICAL DETAILS
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Stud Framing

Span	ceiling joist
6'-0" max	1 3/4" x 20 ga @ 16'cc
8'-0" max	2 1/4" x 20 ga @ 16'cc
11'-0" max	3 3/8" x 20 ga @ 16'cc
12'-0" max	4" x 20 ga @ 16'cc
15'-0" max	6" x 20 ga @ 16'cc



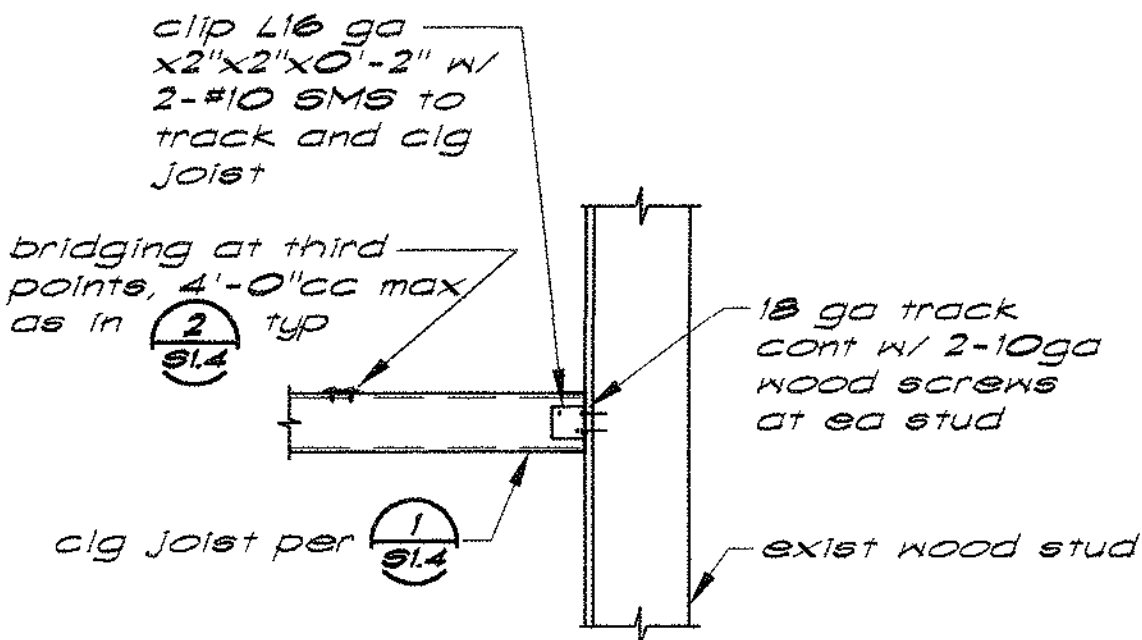
Typ Strap Bracing Detail 2/13



Typical Ledger Condition

Typical Condition at Bearing Wall

Typical Framed Ceiling Details 1/13



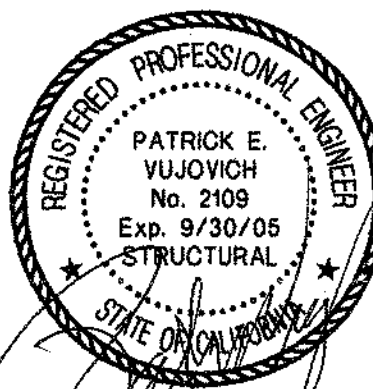
Typical Ledger Condition

Detail 3/13

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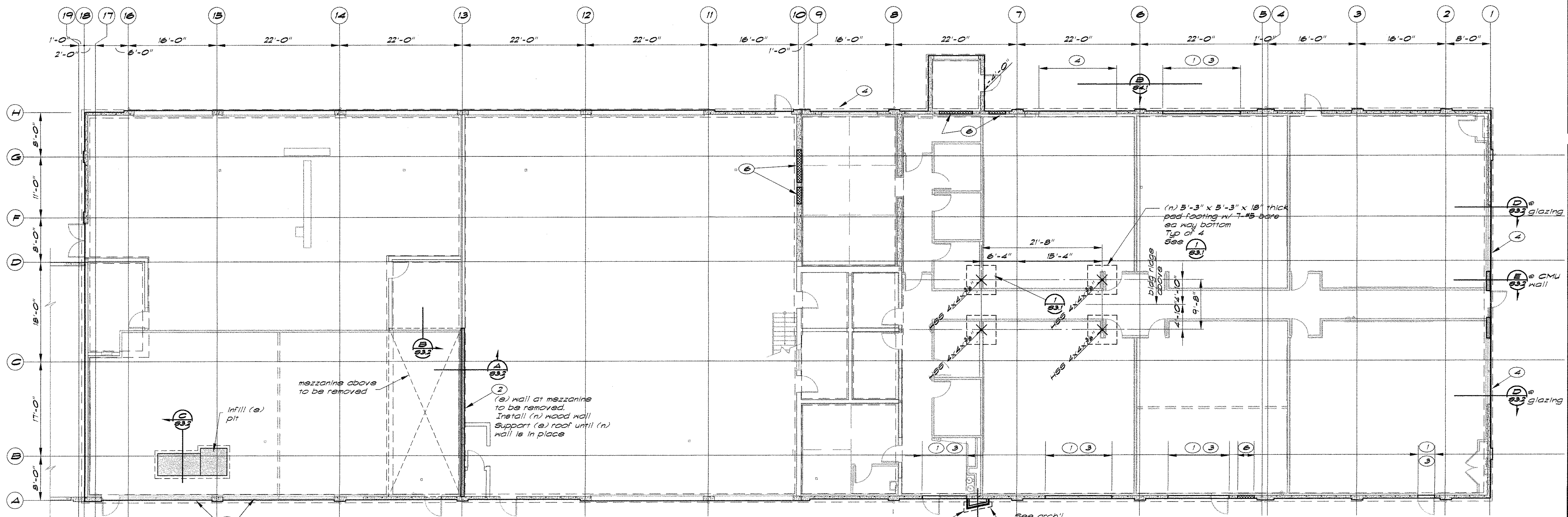
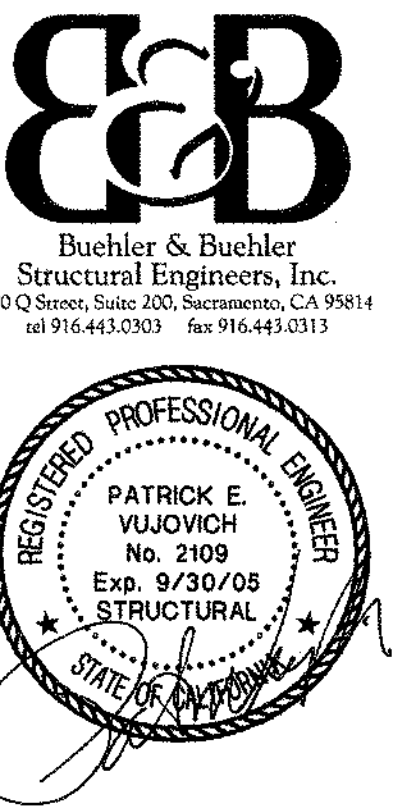
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TYPICAL DETAILS

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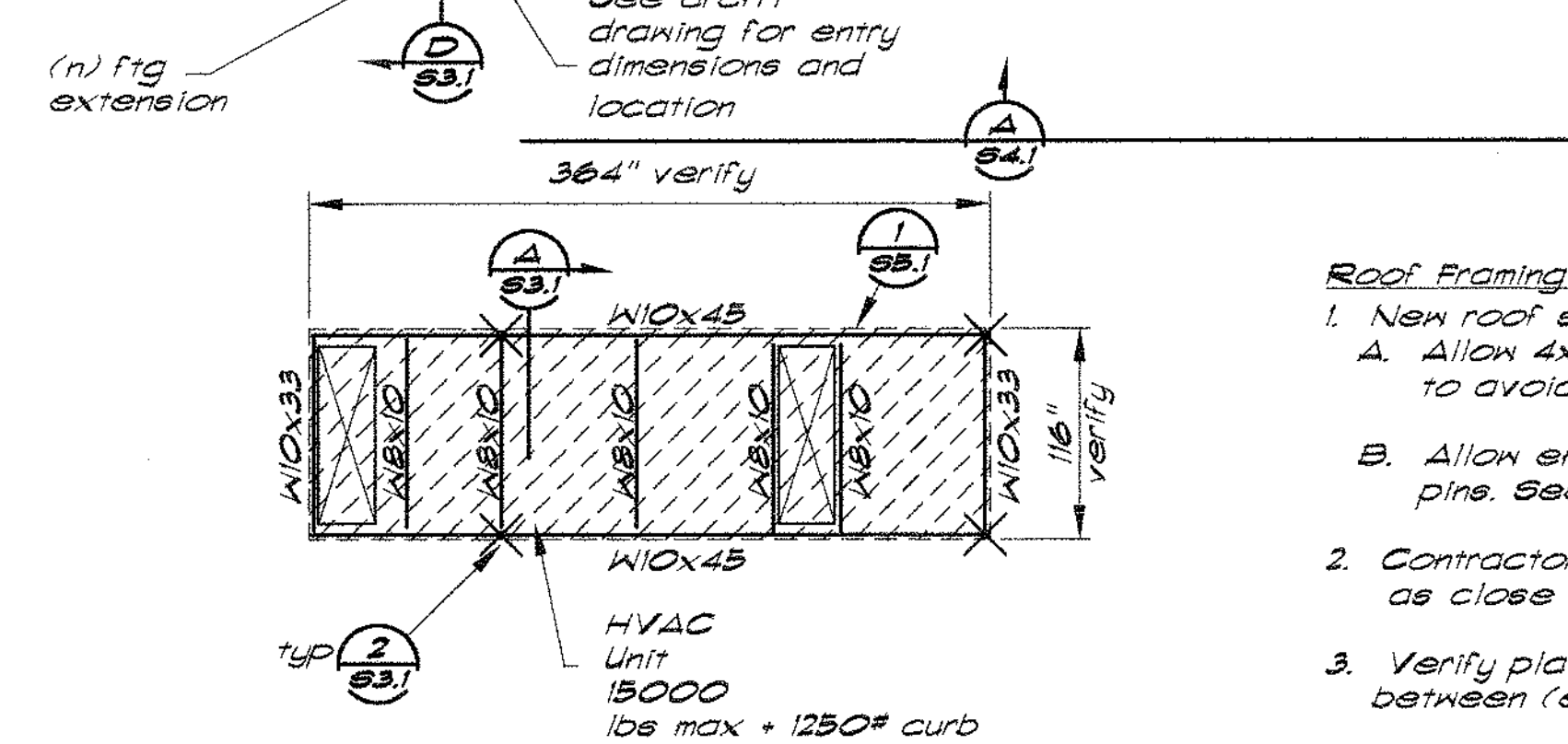
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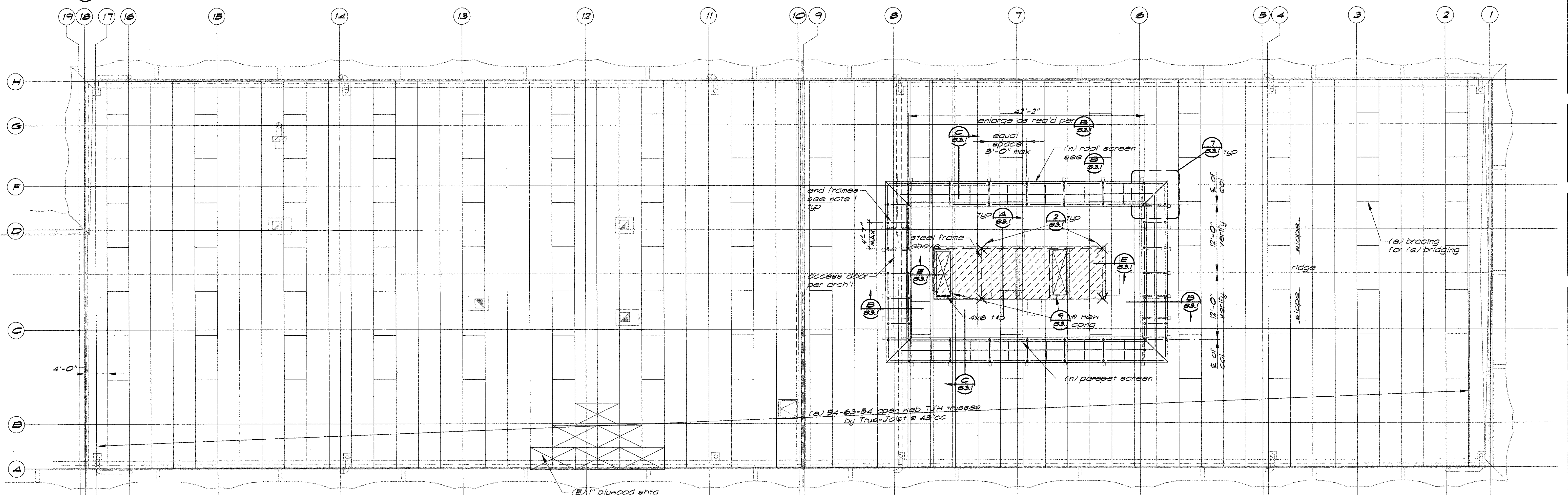
First Floor Plan — 1/8"=1'-0"

- Keynotes**
- ① — Indicates new opening in existing wall. See (B) 23.1 @ concrete wall. See (B) 23.1 @ wood wall.
 - ② — Indicates new stud infill of (a) opening. See (B) 23.1 @ concrete wall. See (B) 23.1 @ wood wall.
 - ③ (n) opening to be sawcut into (a) concrete wall. See (B) 23.1 @ concrete wall.
 - ④ (n) glazing in (a) wall opening. Existing doors and windows to be demolished.
 - ⑤ — Indicates (a) concrete wall.
 - ⑥ — Indicates new concrete infill of (a) opening. See (B) 23.1 @ concrete wall.
 - ⑦ Where slab on grade is to be replaced for utilities, provide (n) 5" concrete slab w/ #3 bars @ 18" cc ea way over 10 mil vapor retarder over 4" aggregate base min. See (B) 23.1.



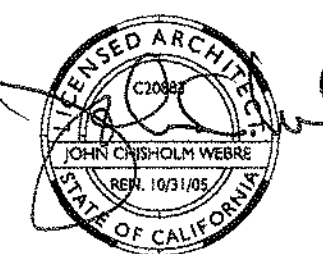
Mechanical Platform — 1/8"=1'-0"

- Roof Framing Notes:**
- New roof screen dimensions must be field determined in order to:
 - Allow 4x6 flat bottom members detailed in sections (B) 23.1 and (C) 23.1 to avoid (a) truss web members.
 - Allow end frames to come within 12" center to center of truss web pine. See plan for end frame locations.
 - Contractor to field measure existing conditions and locate frames as close as possible to that indicated on plan.
 - Verify platform dimension w/ mech'l contractor to allow ducts to fit between (a) trusses as shown.
 - IOR to verify existing OWT chords do not have splits or shakes. NOTIFY STRUCTURAL ENGINEER IF SPLITS OR SHAKES EXIST.



Roof Framing Plan — 1/8"=1'-0"

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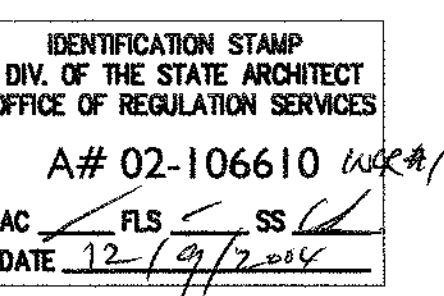
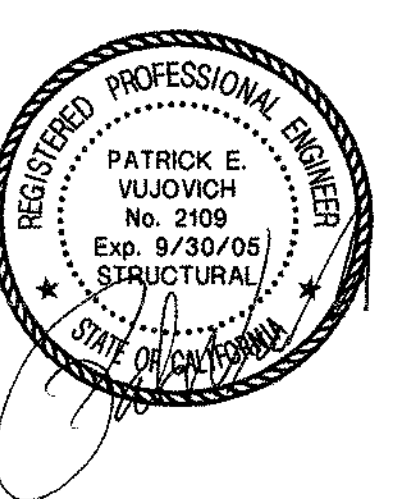
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BUILDING 1800-B
SWING SPACE RENOVATION
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FIRST FLOOR PLAN &
ROOF FRAMING PLAN



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S2.1



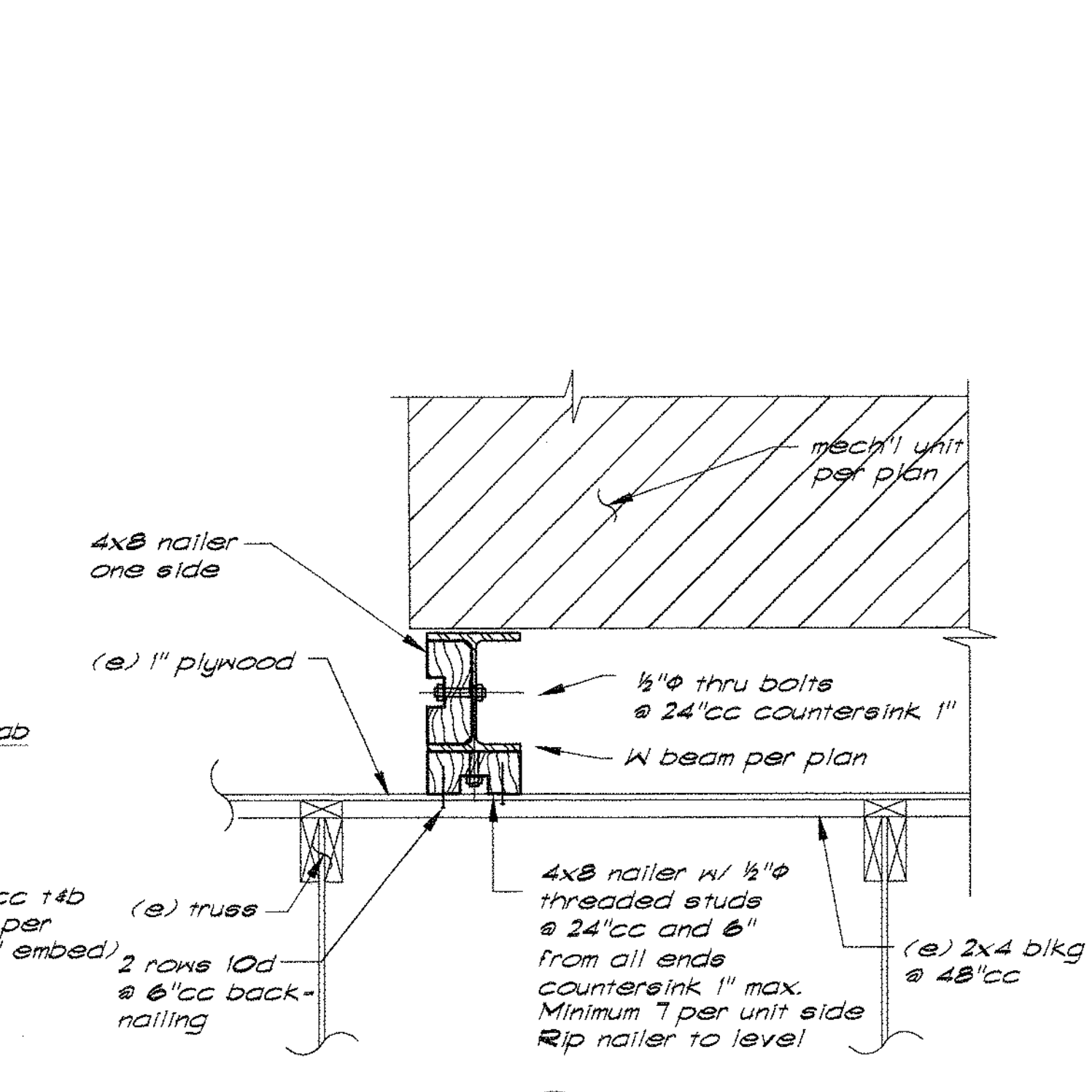
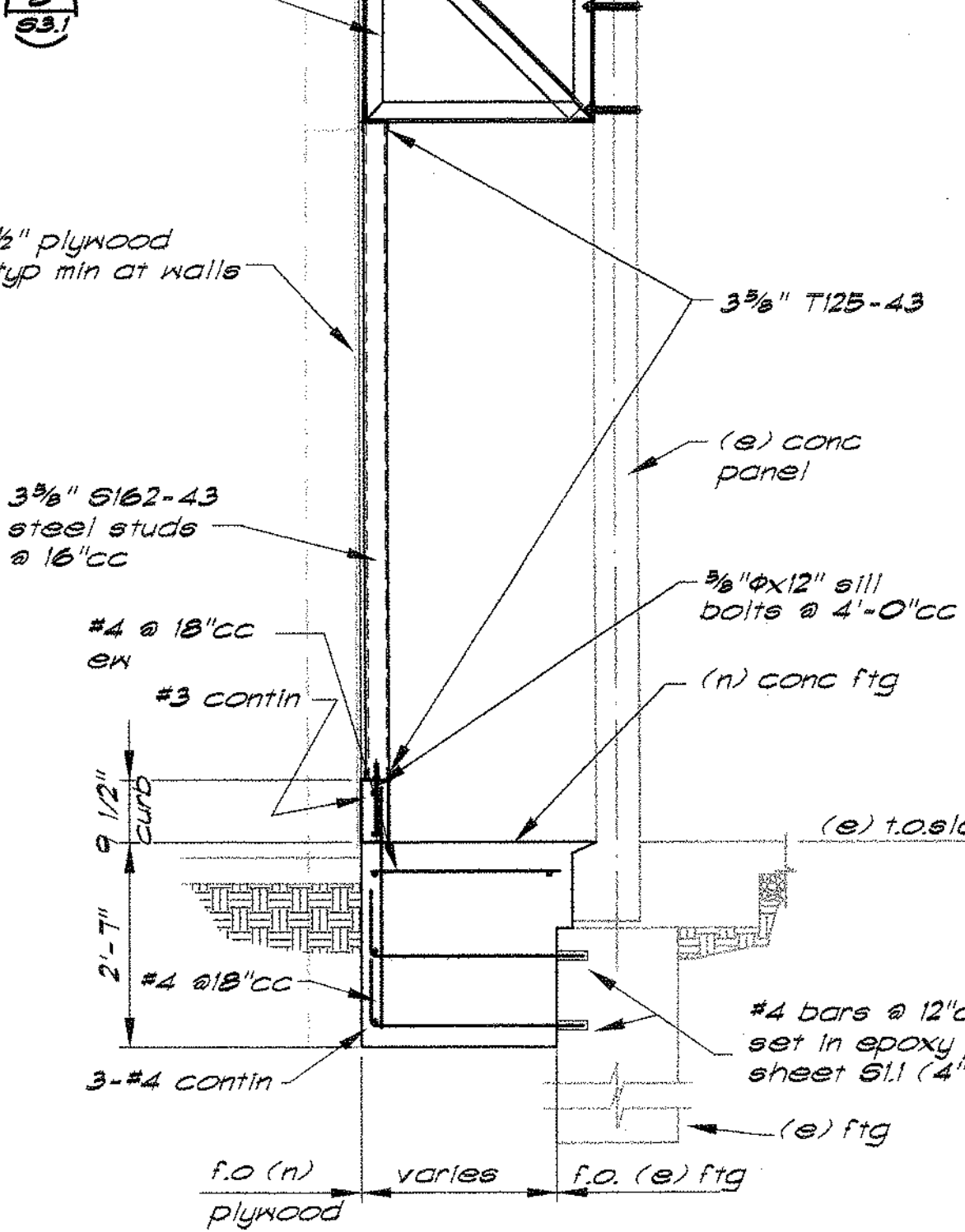
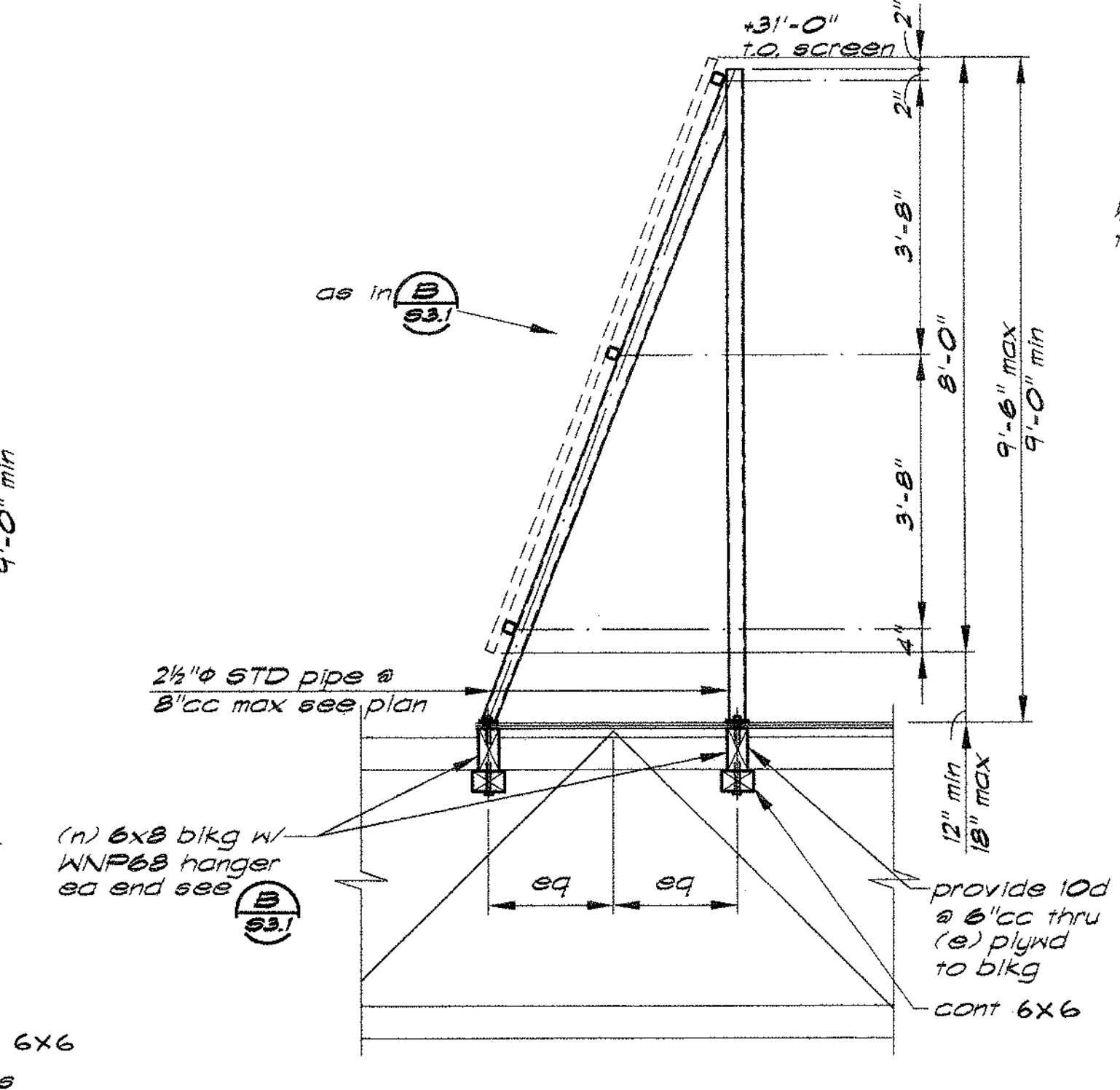
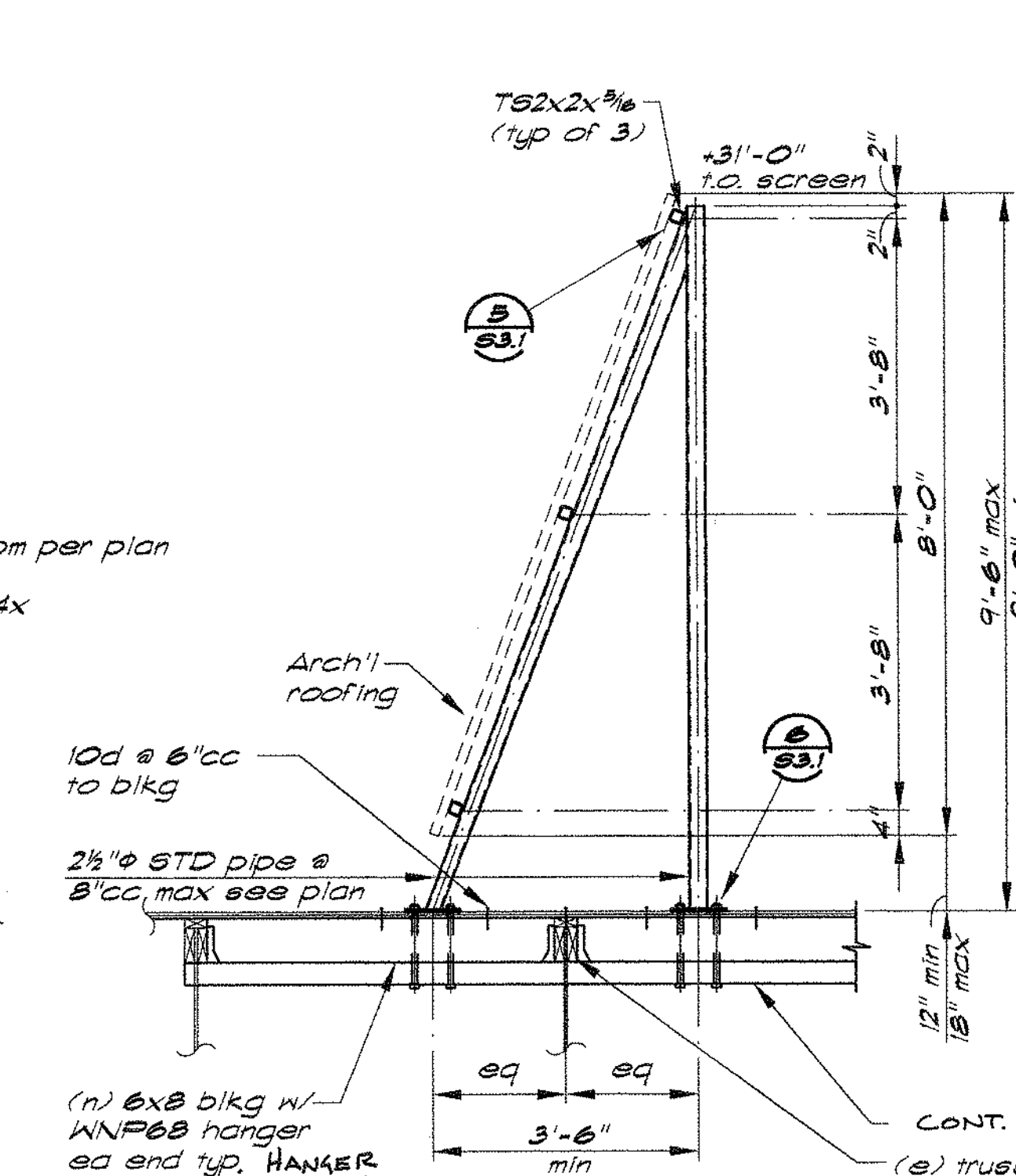
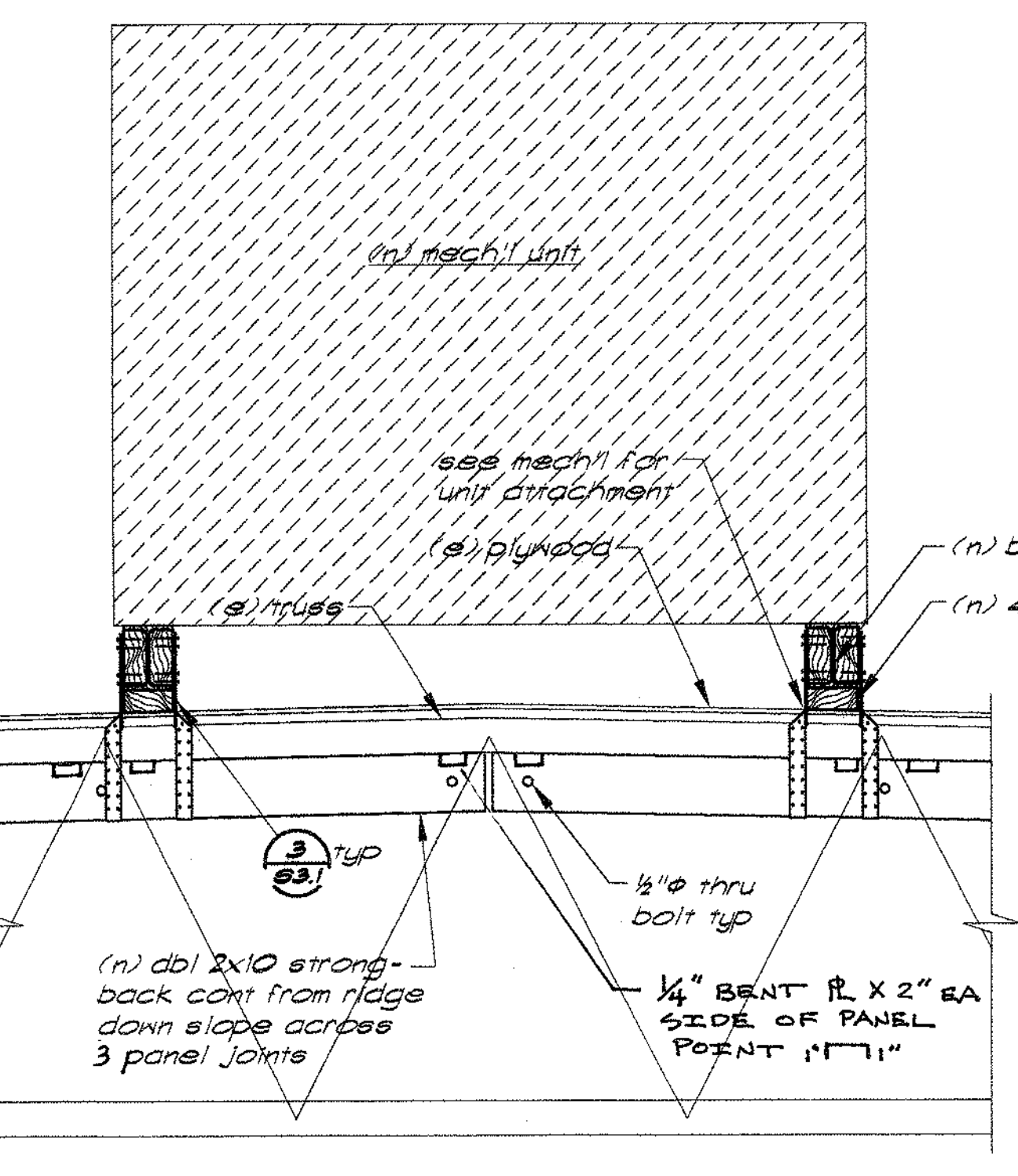
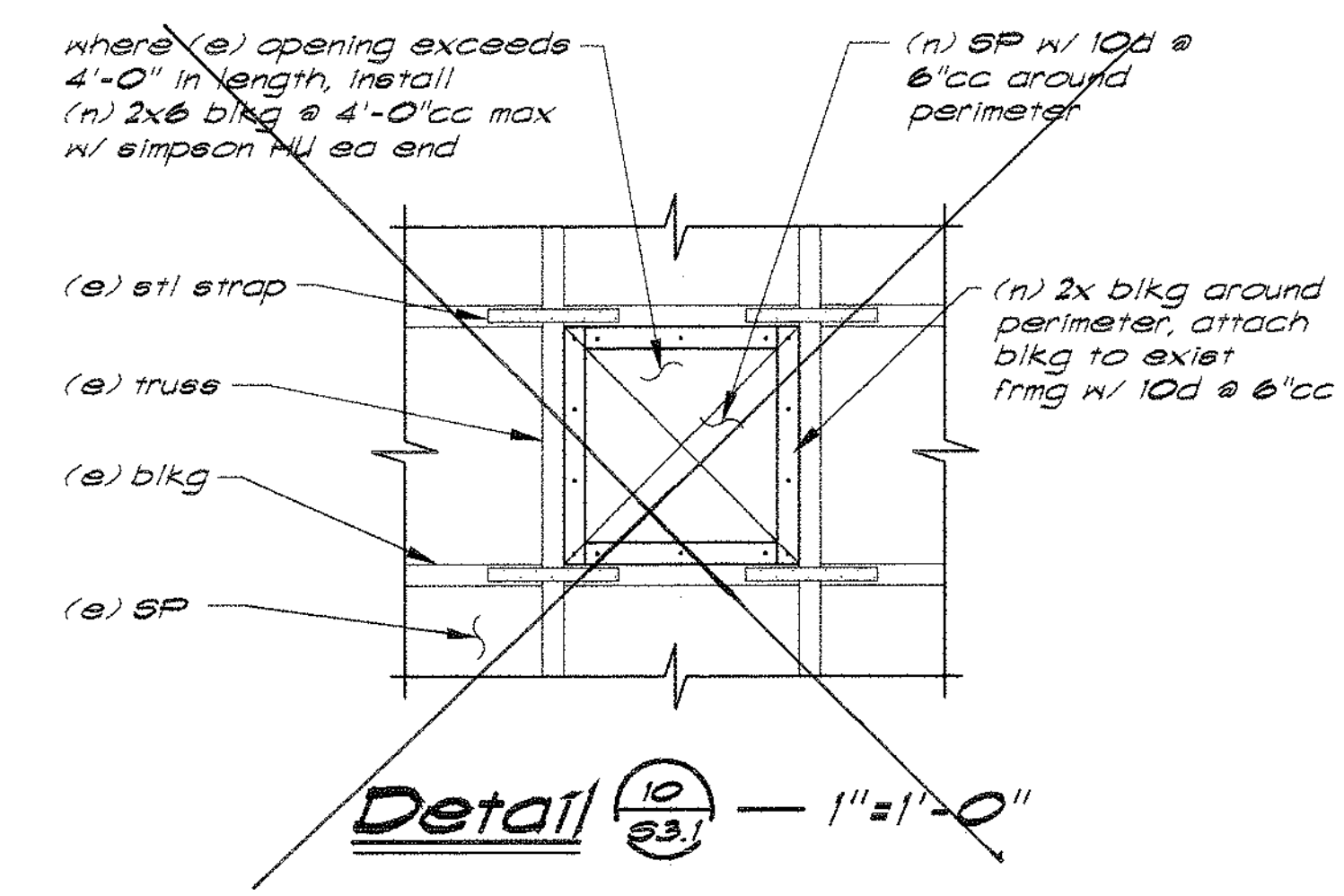
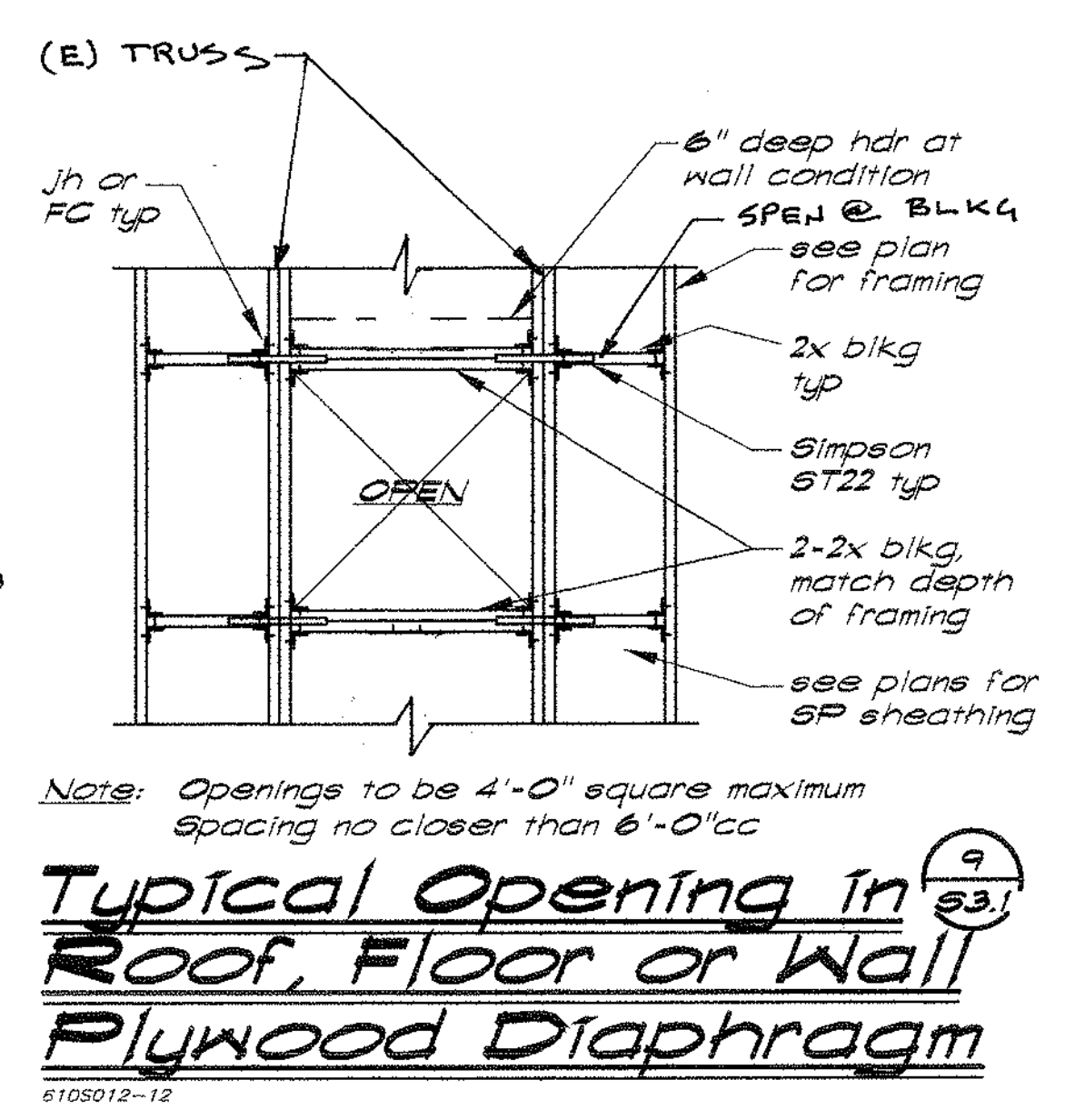
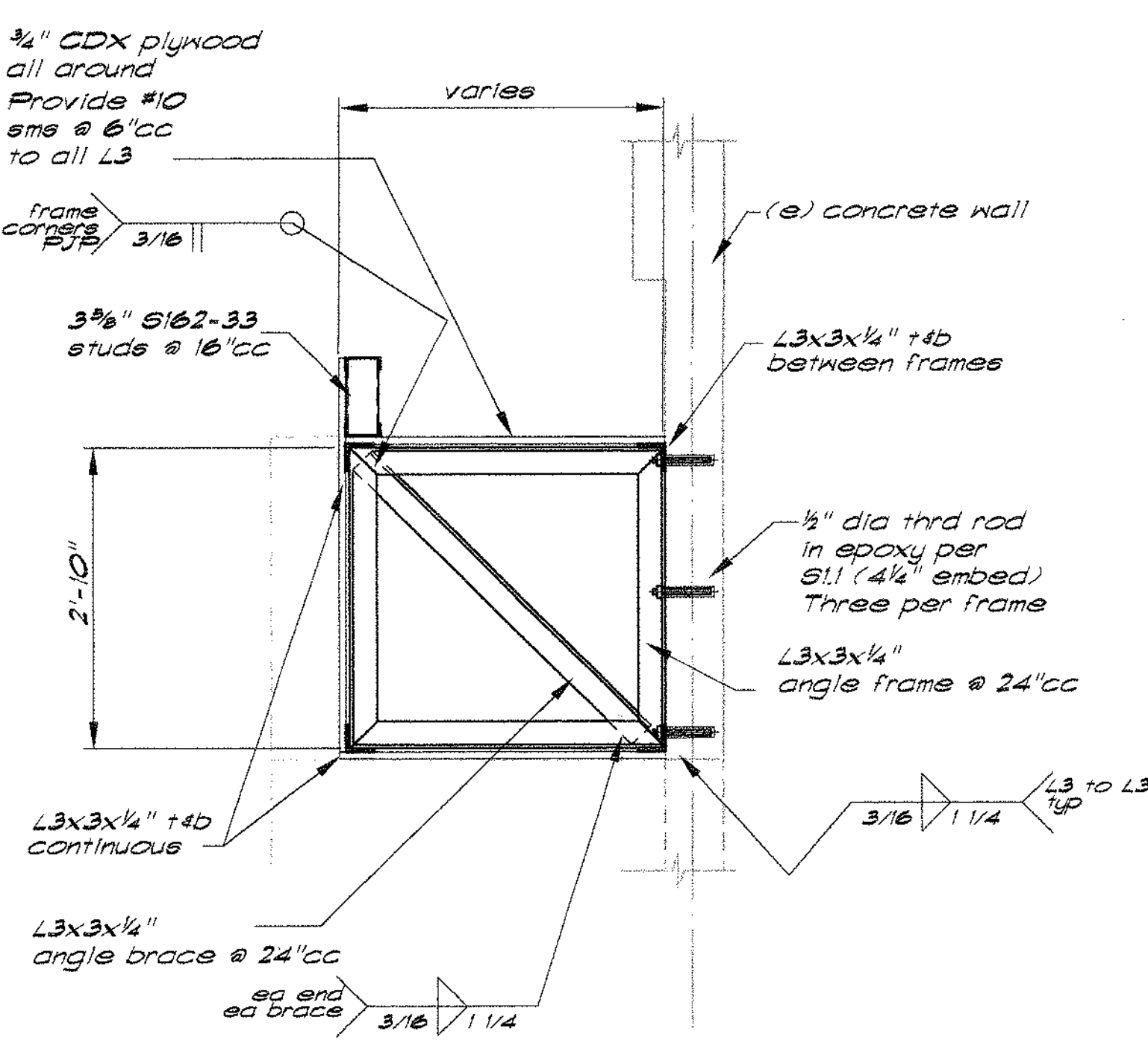
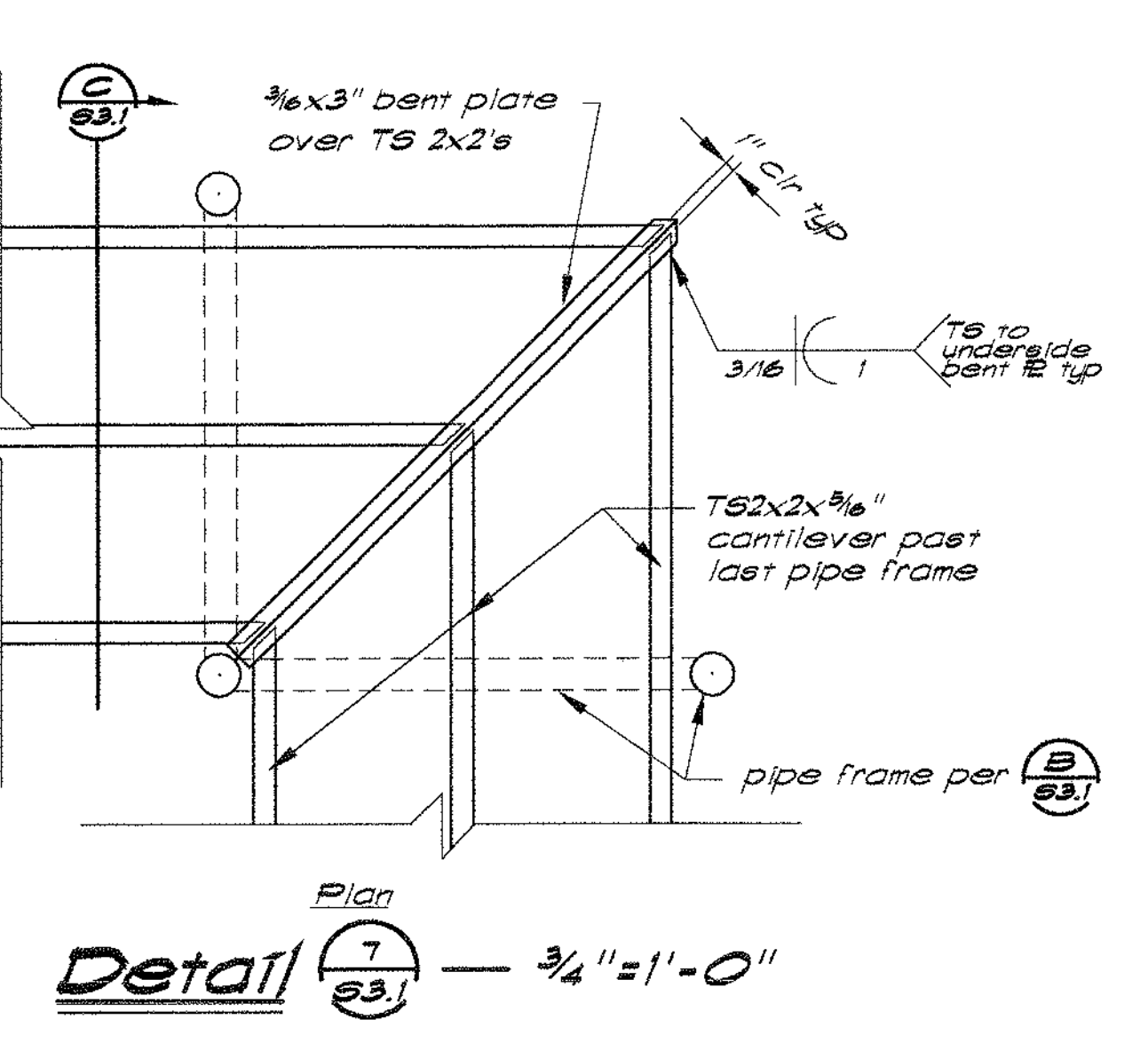
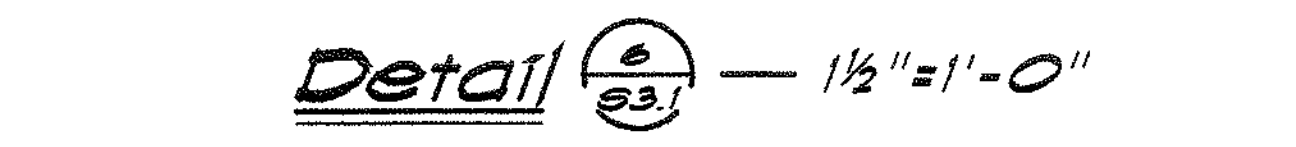
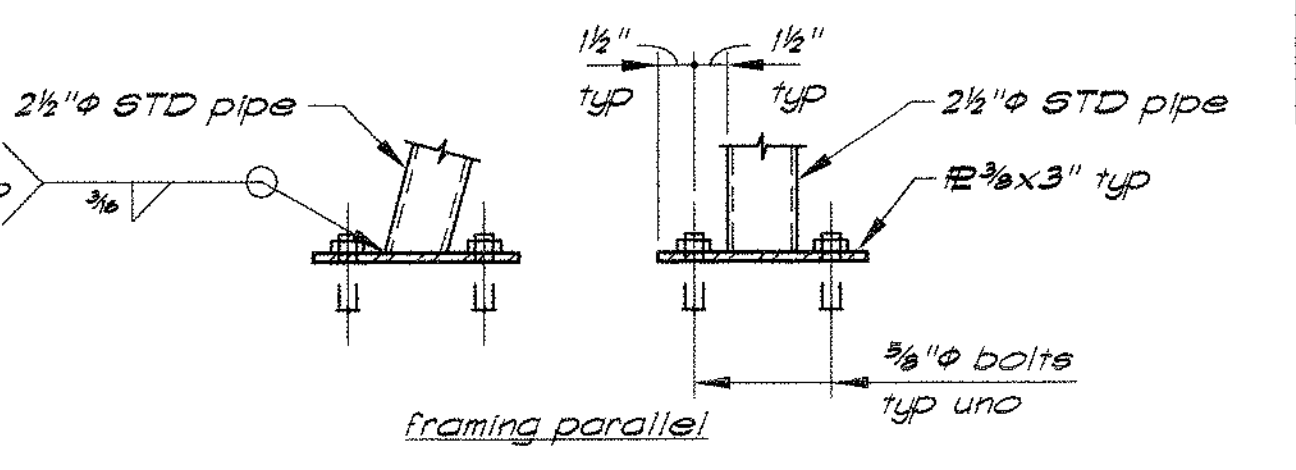
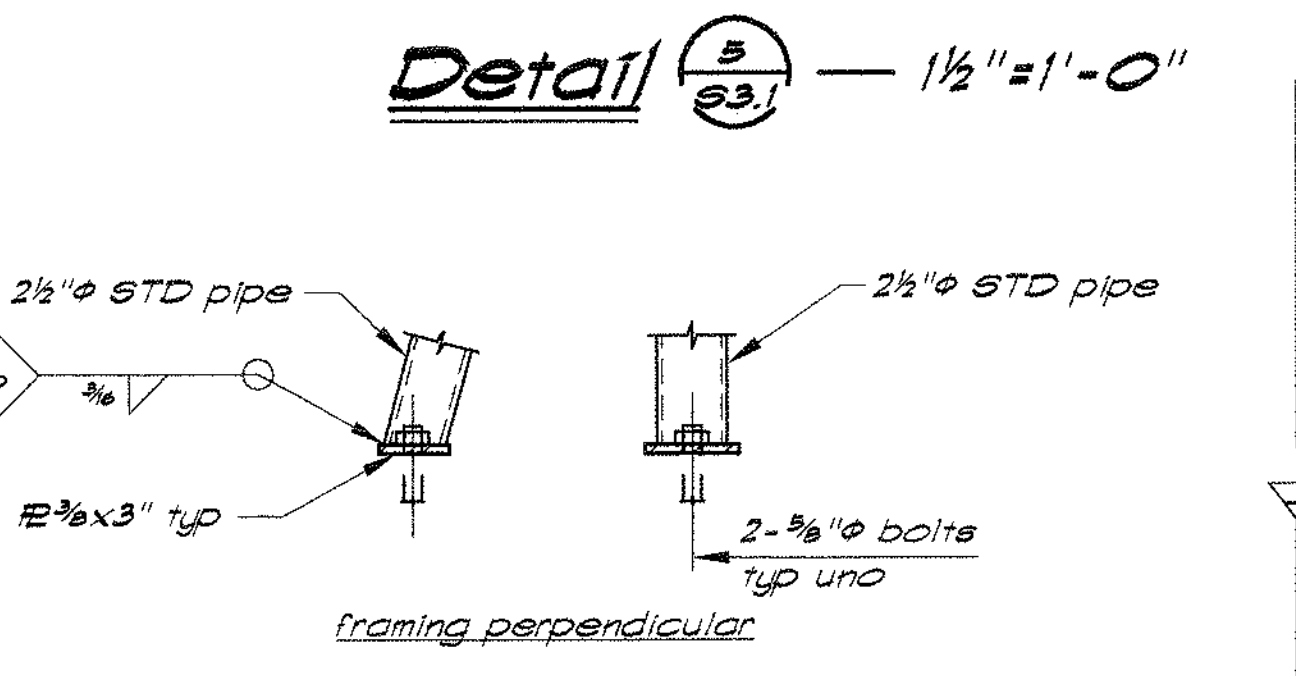
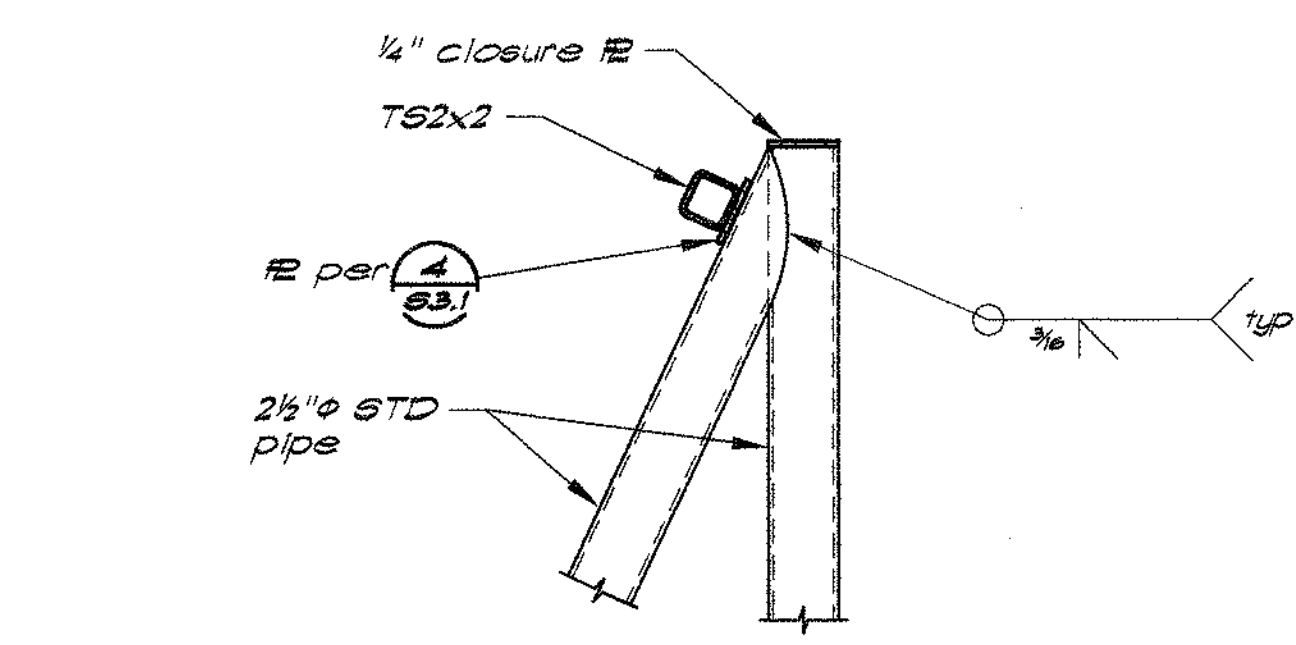
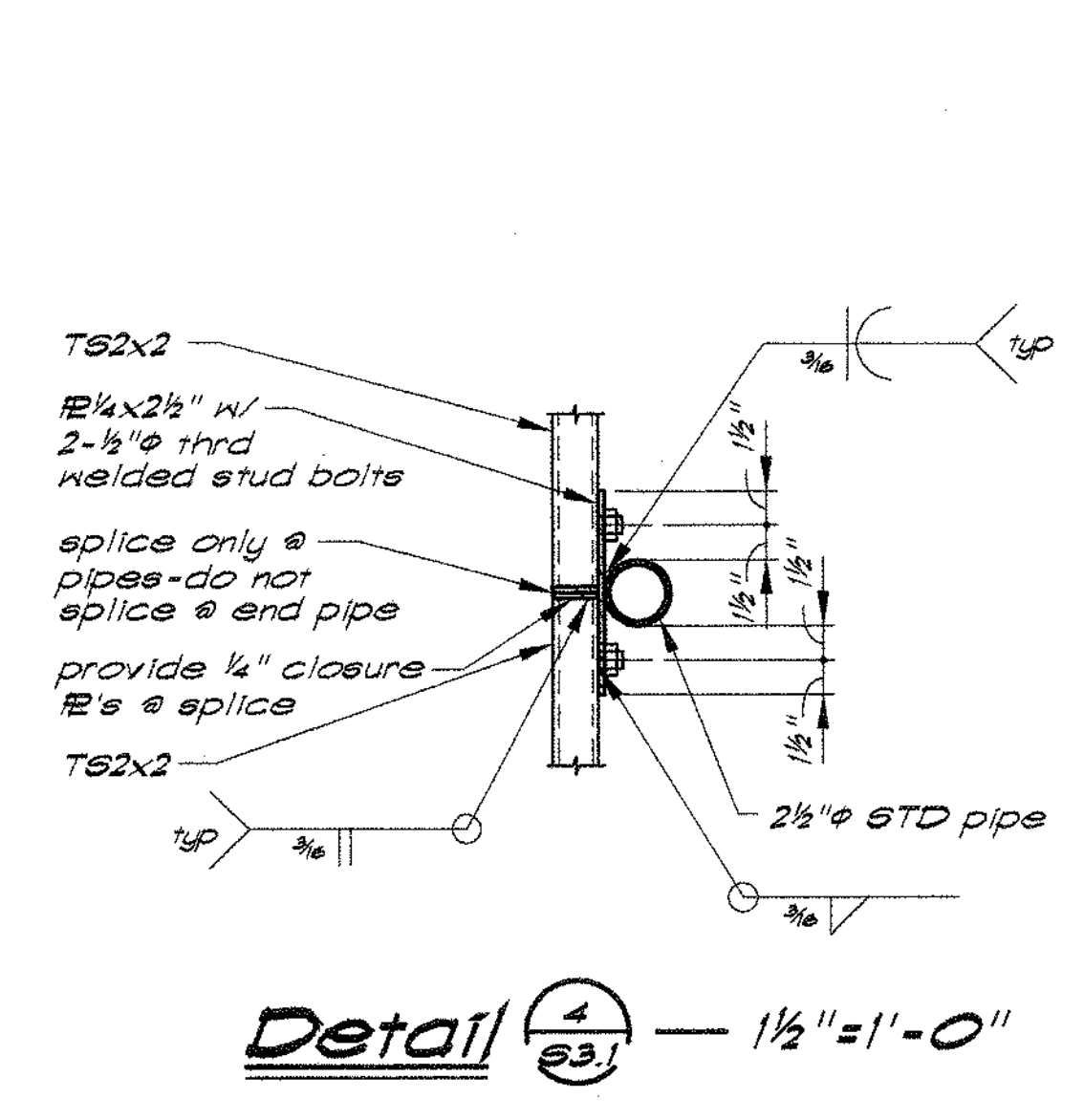
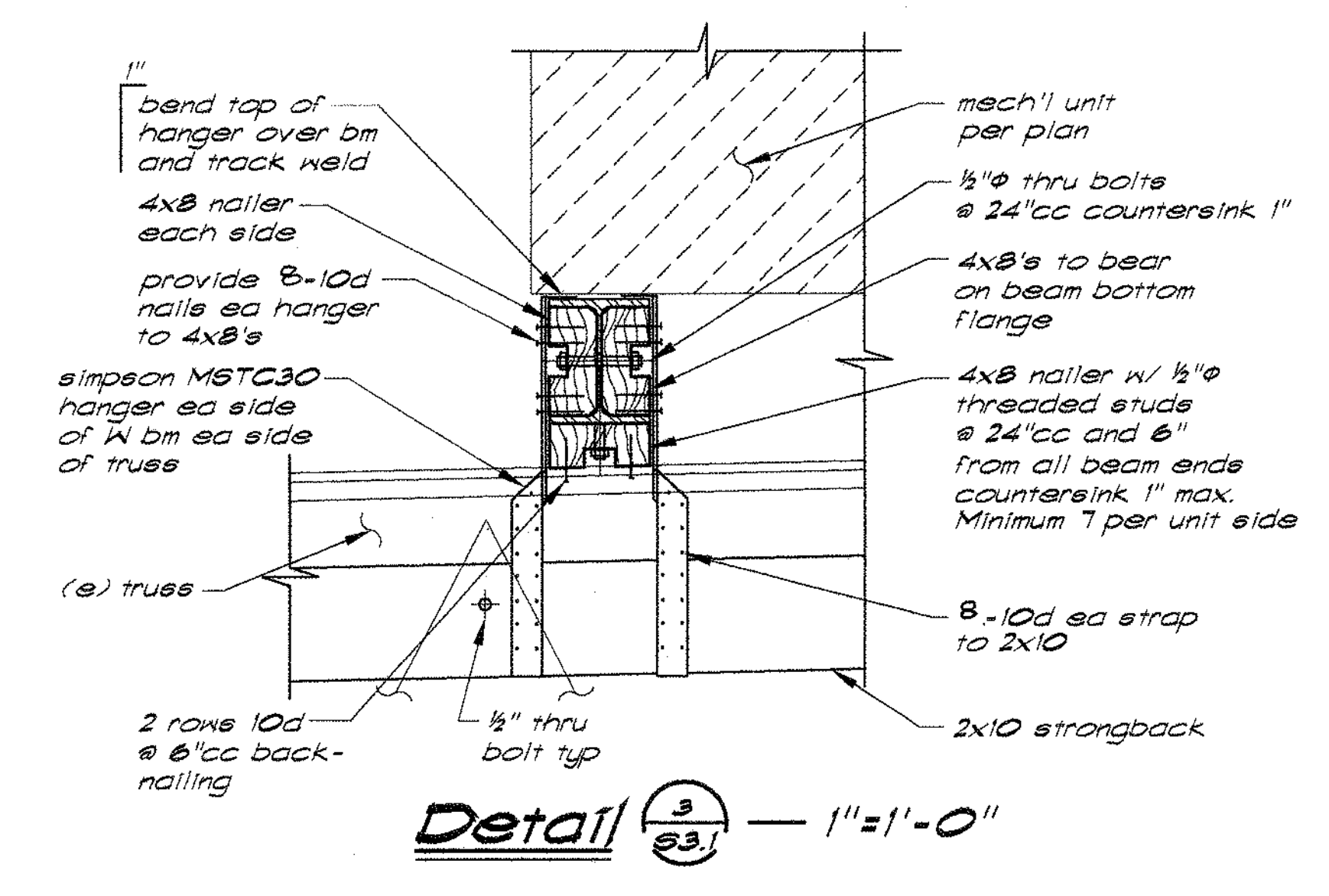
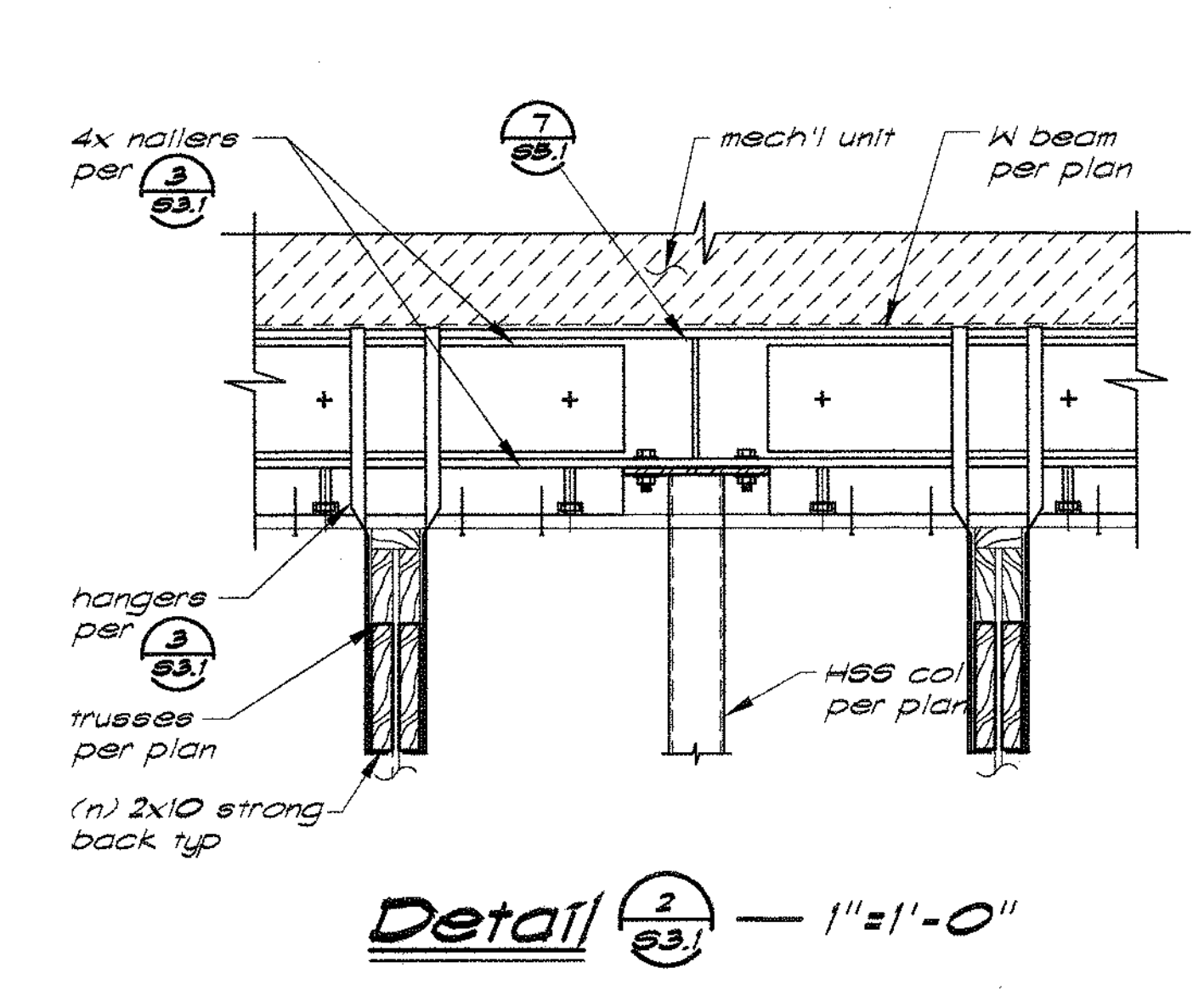
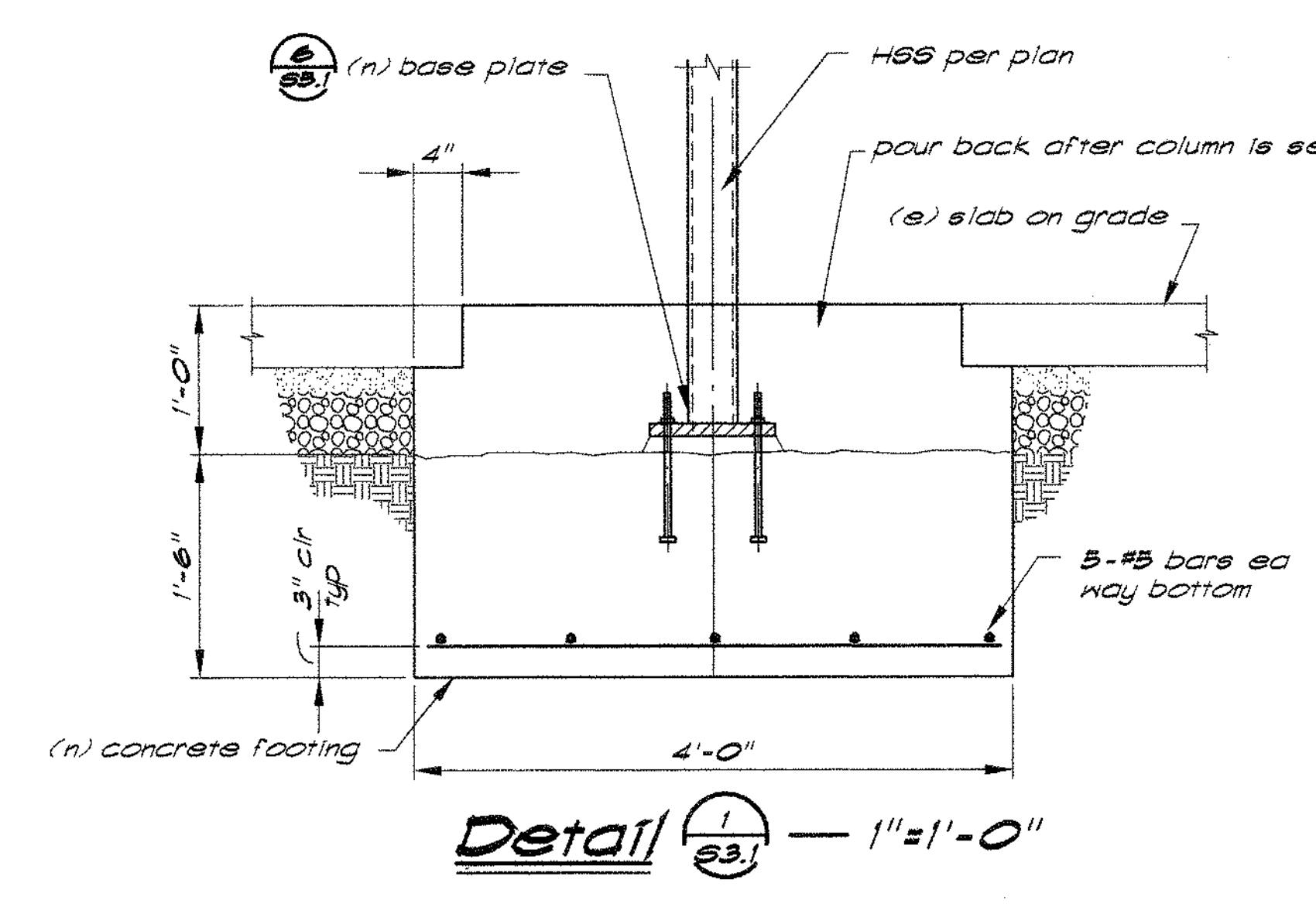
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BUILDING 1800-B
SWING SPACE RENOVATION
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SECTIONS & DETAILS

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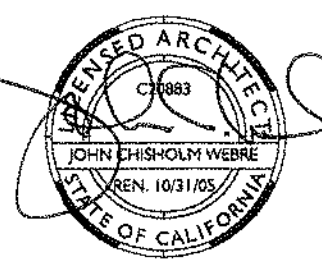
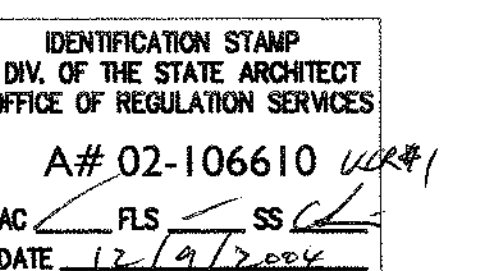
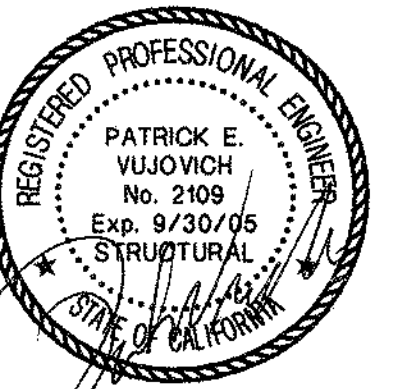
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S3.1





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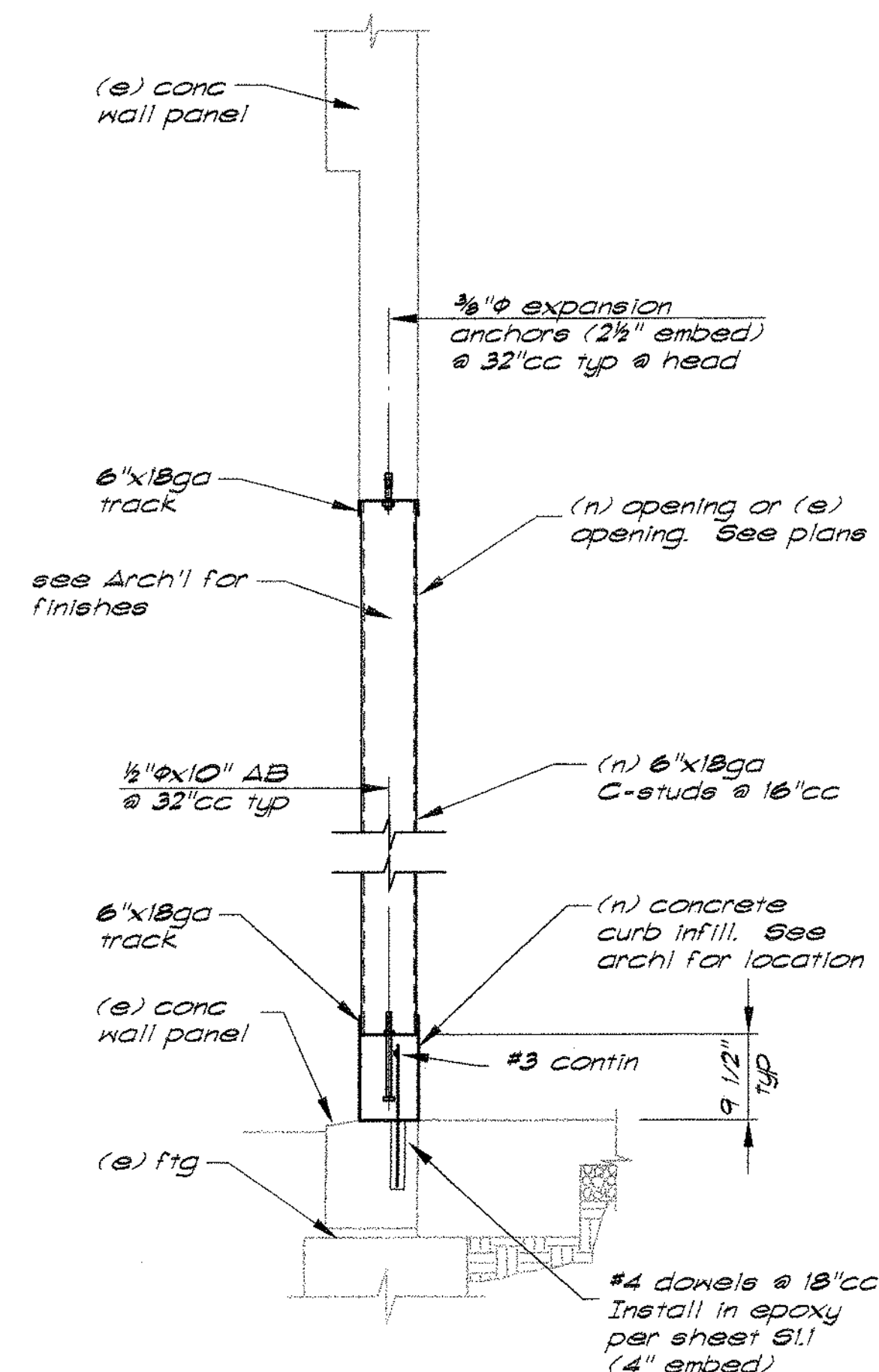
SOLANO COMMUNITY COLLEGE
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SWING SPACE RENOVATION
INCREMENT #1

SECTIONS

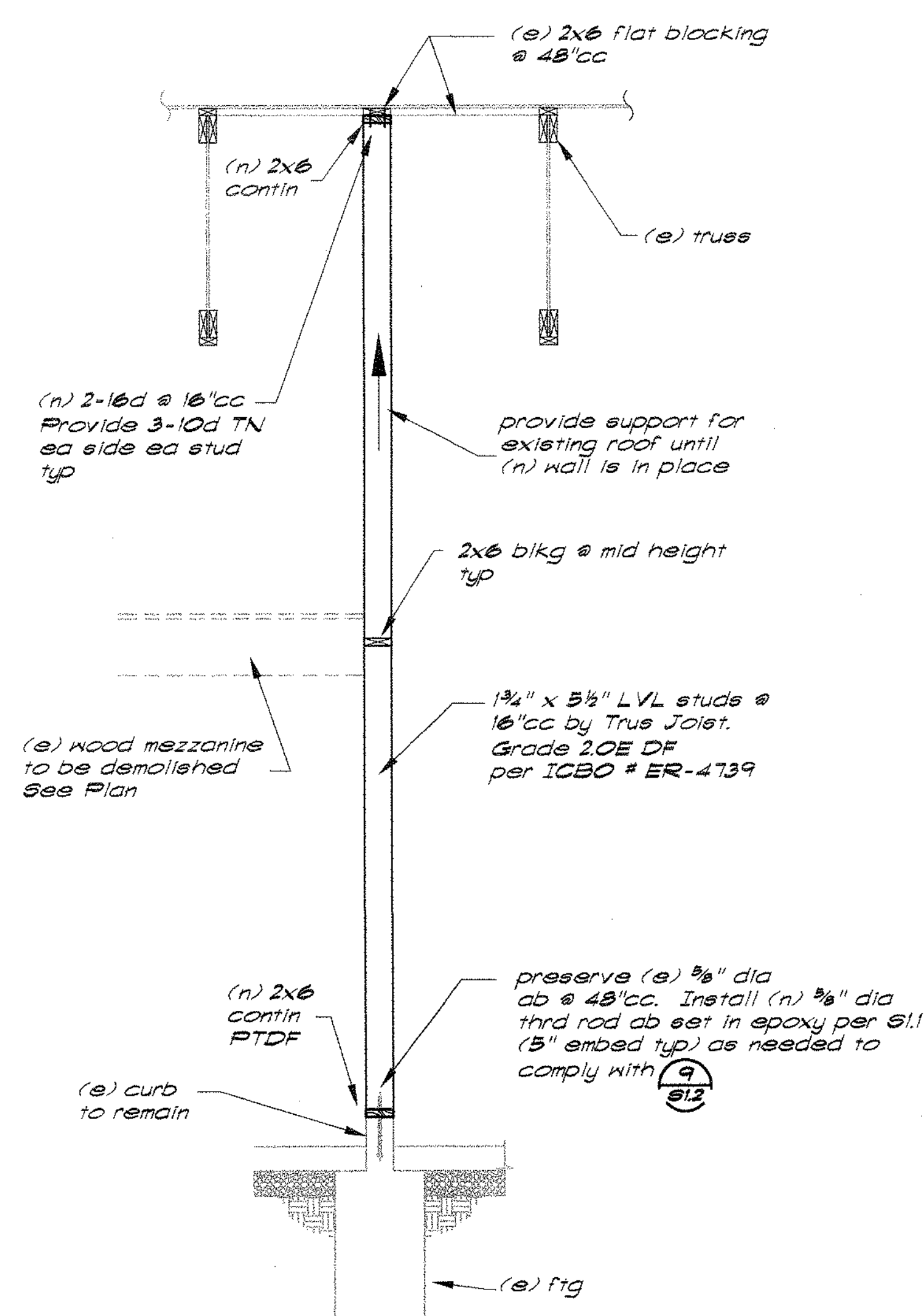
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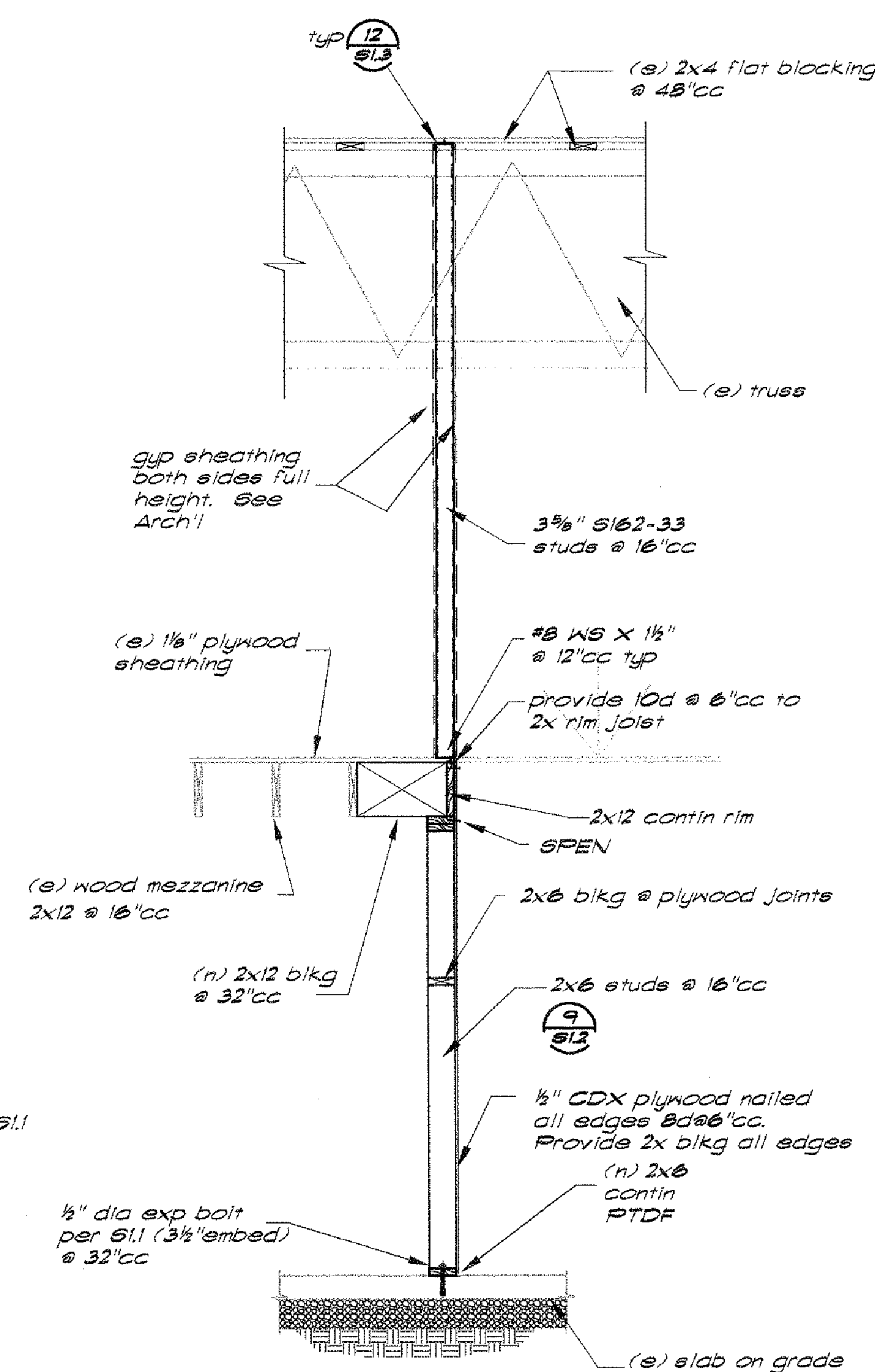
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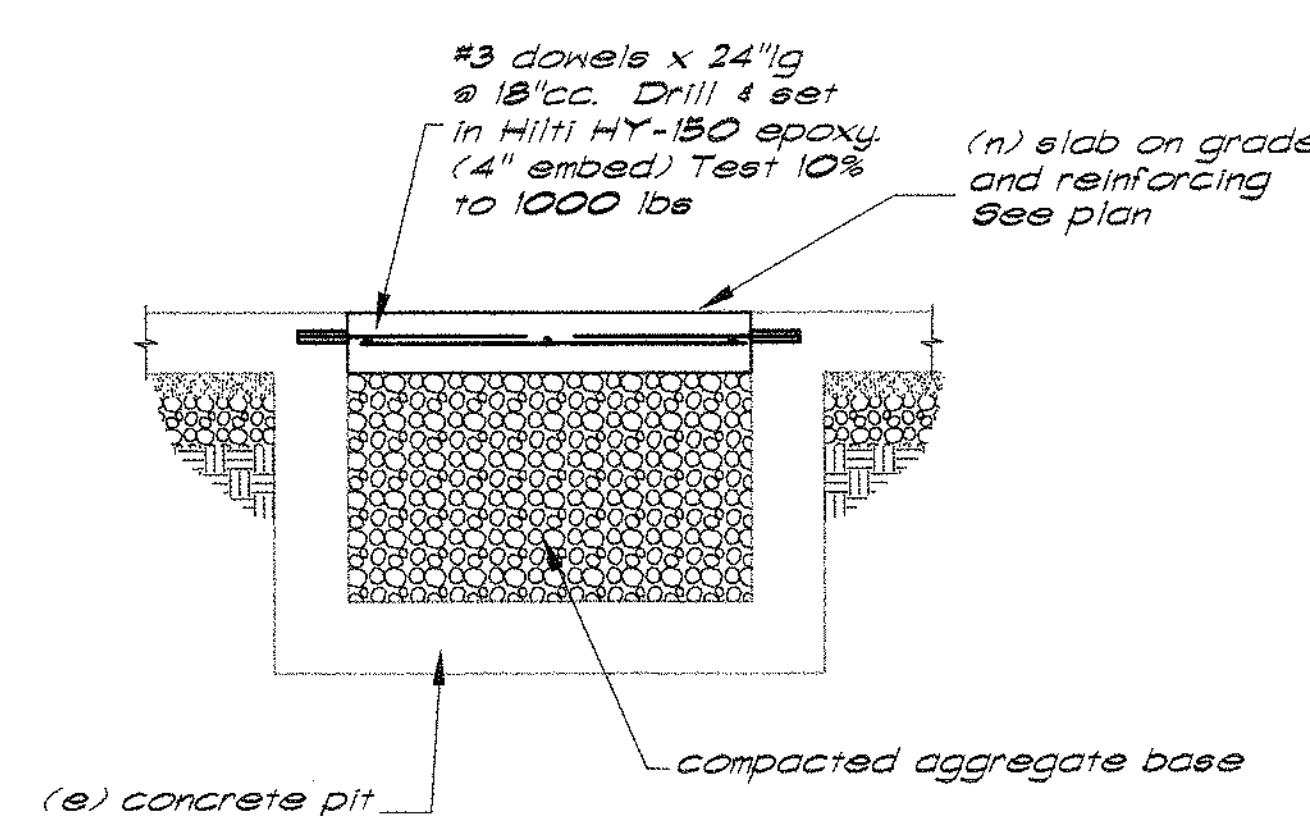
Section E-33.3 — 3/4"=1'-0"



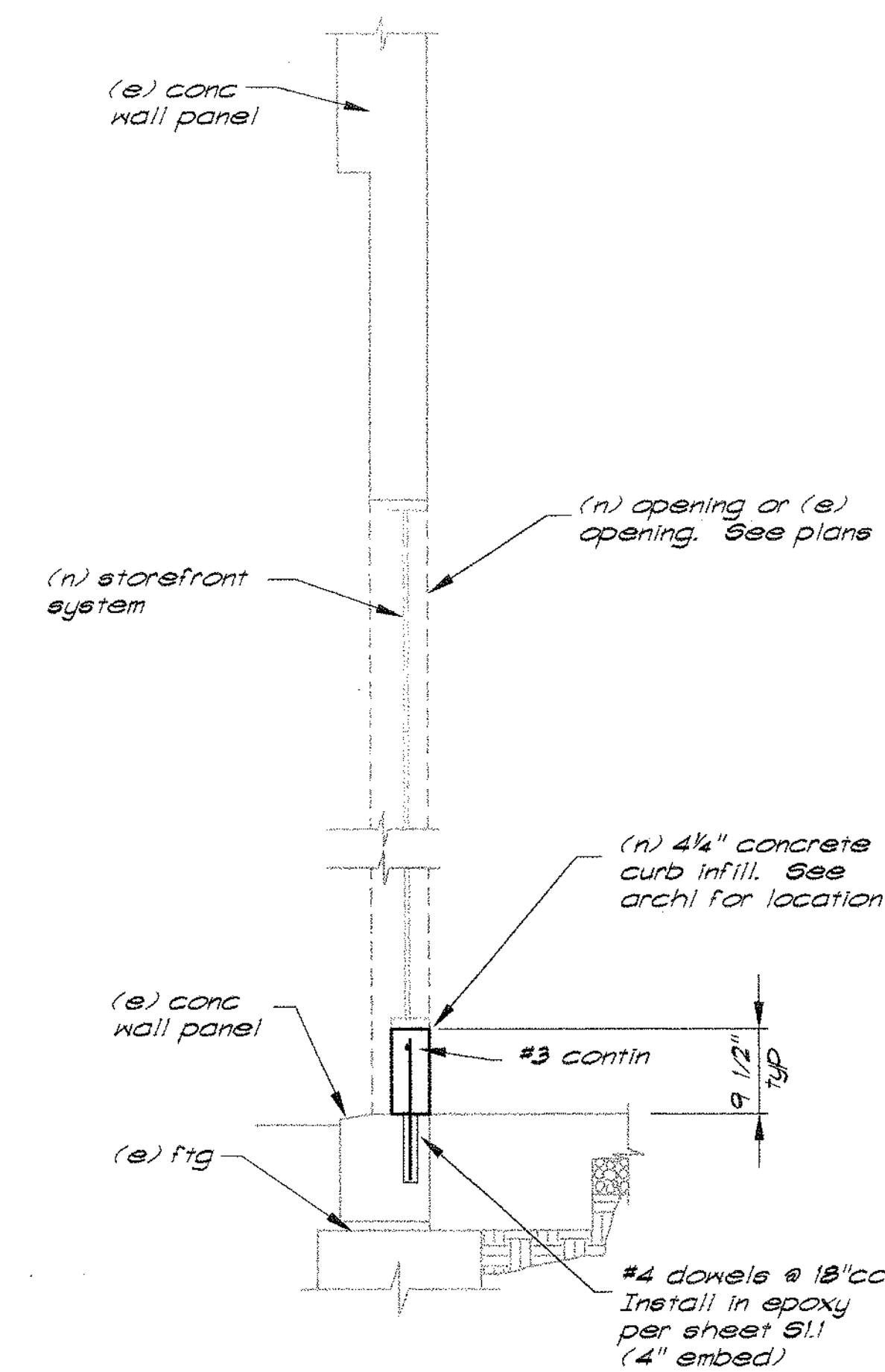
Section A-33.3 — 1/2"=1'-0"



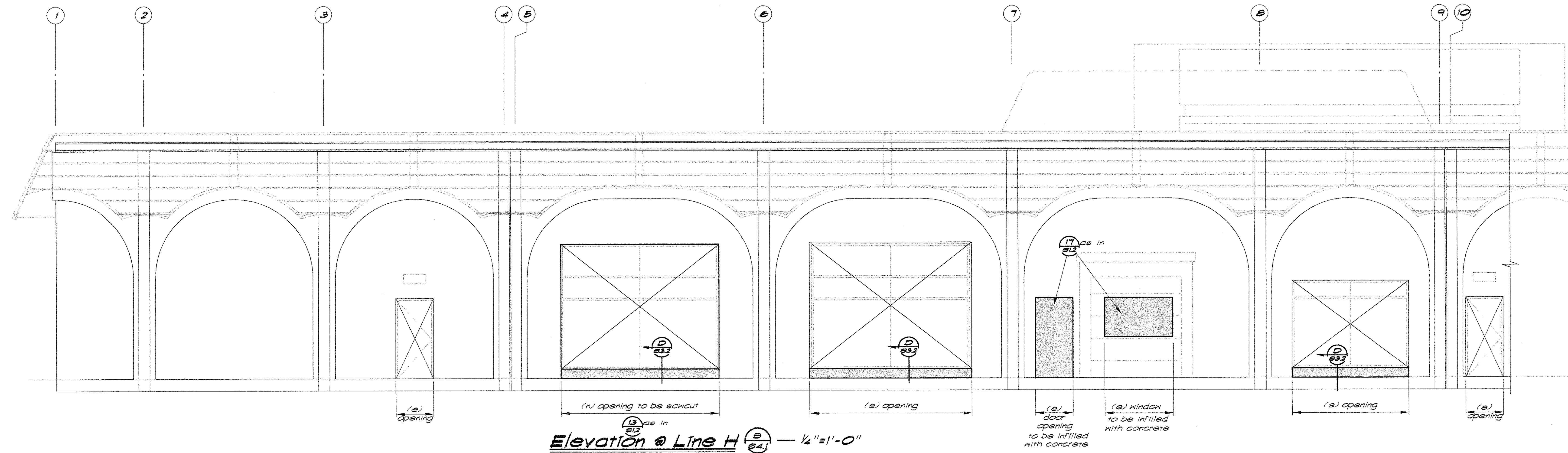
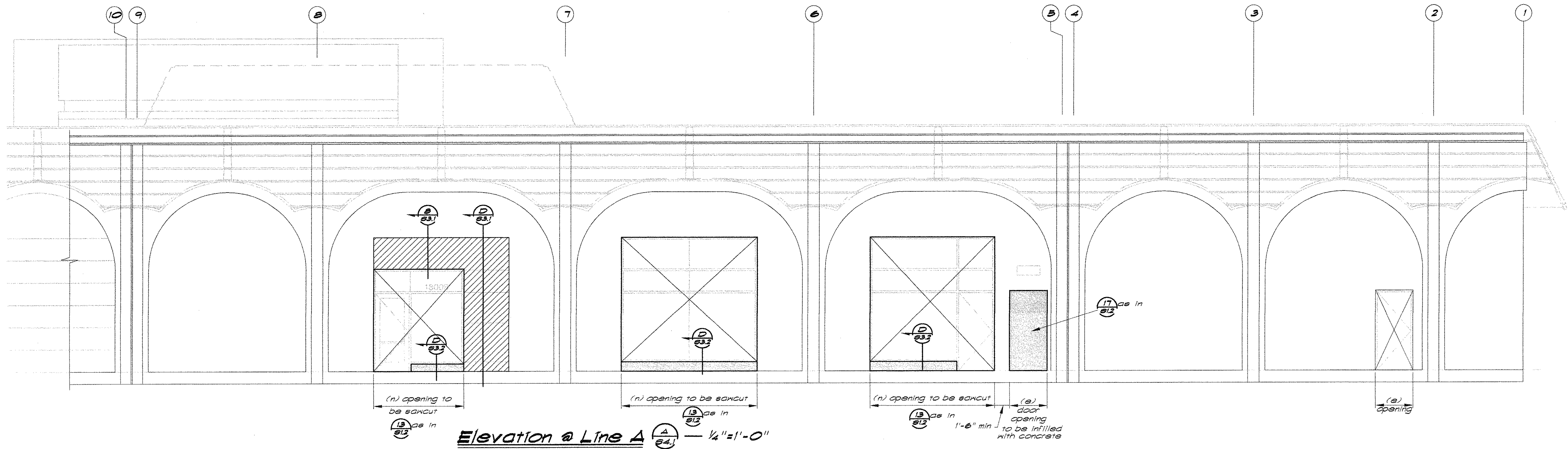
Section B-33.3 — 1/2"=1'-0"



Section C-33.3 — 3/4"=1'-0"



Section D-33.3 — 3/4"=1'-0"



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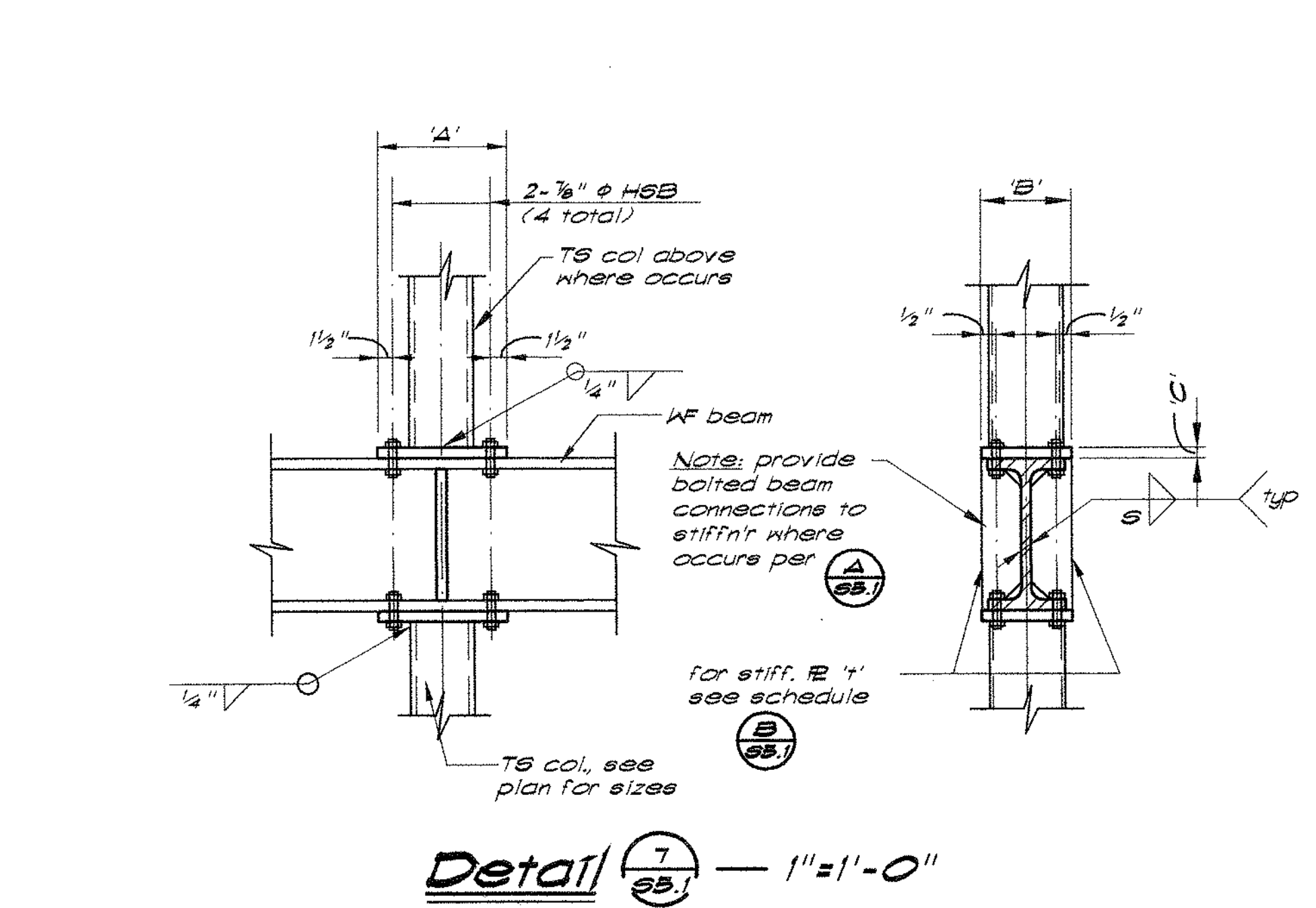
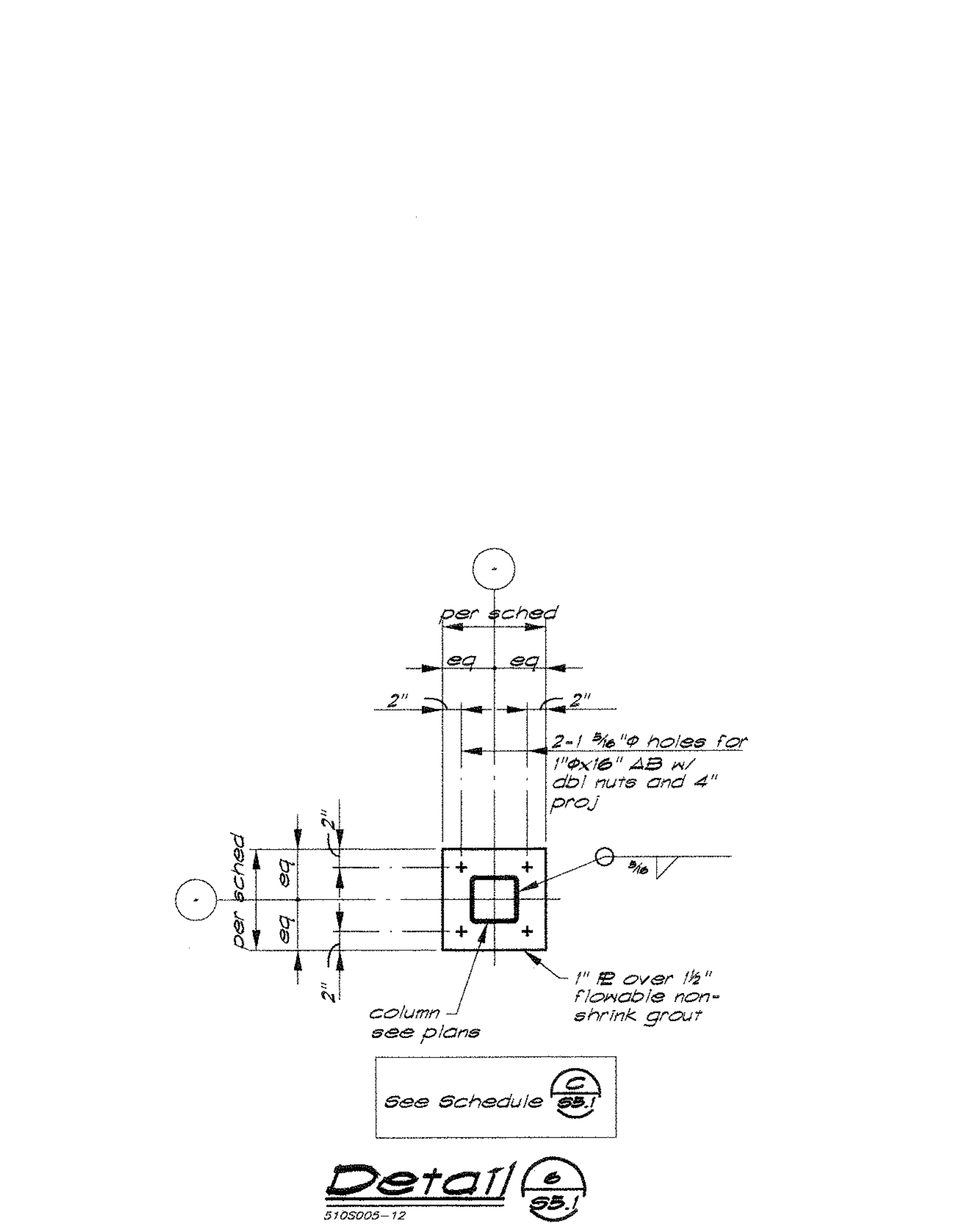
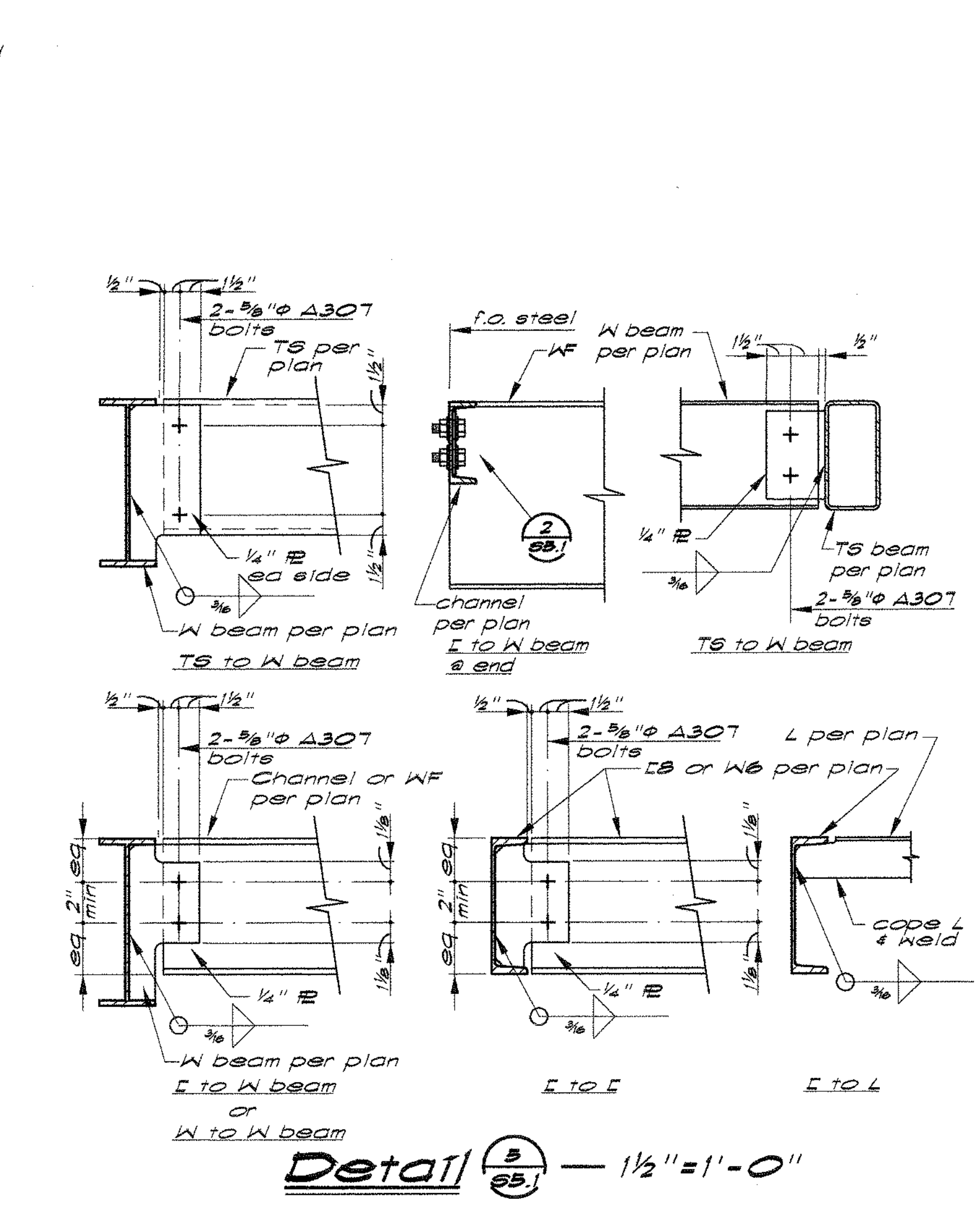
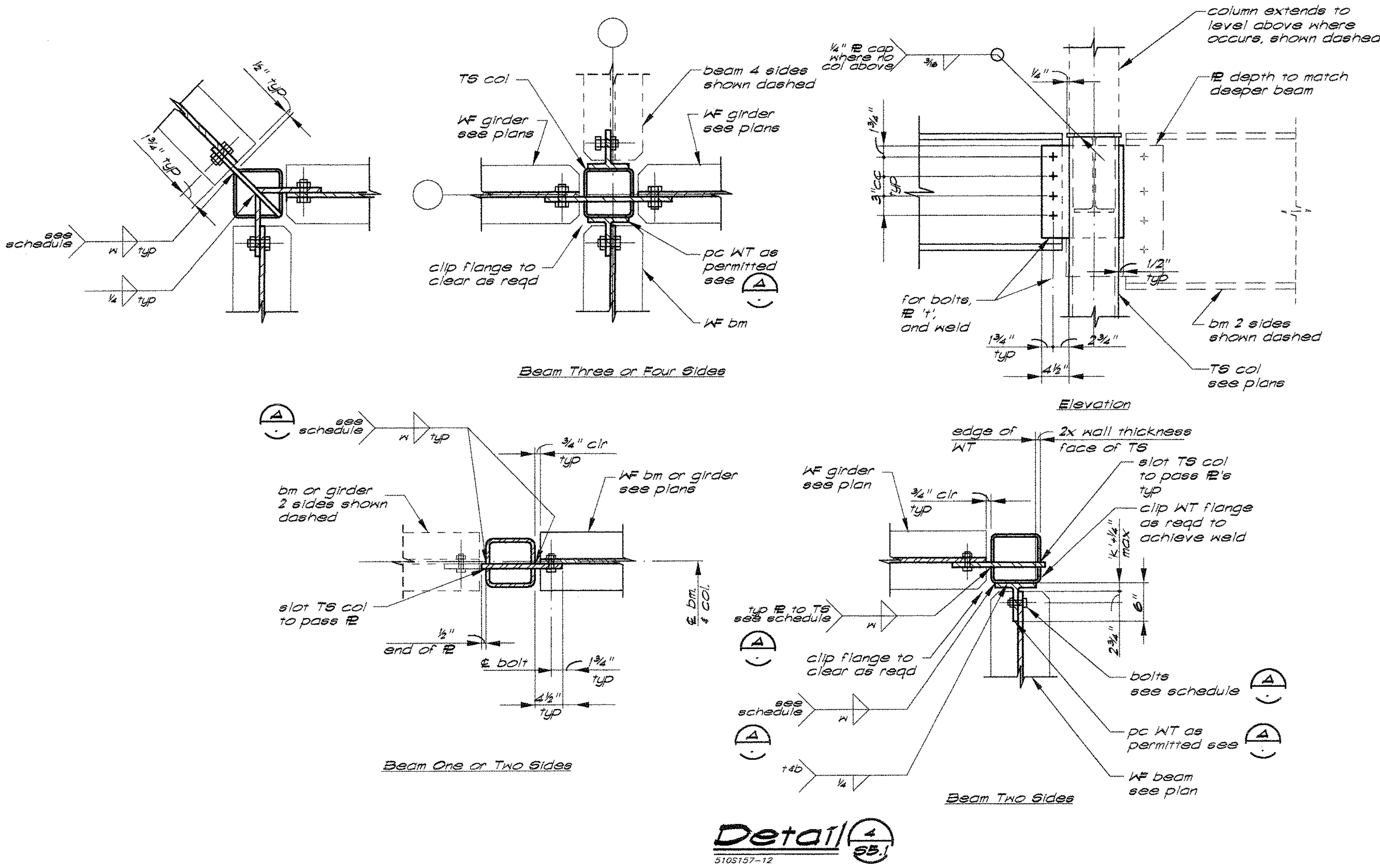
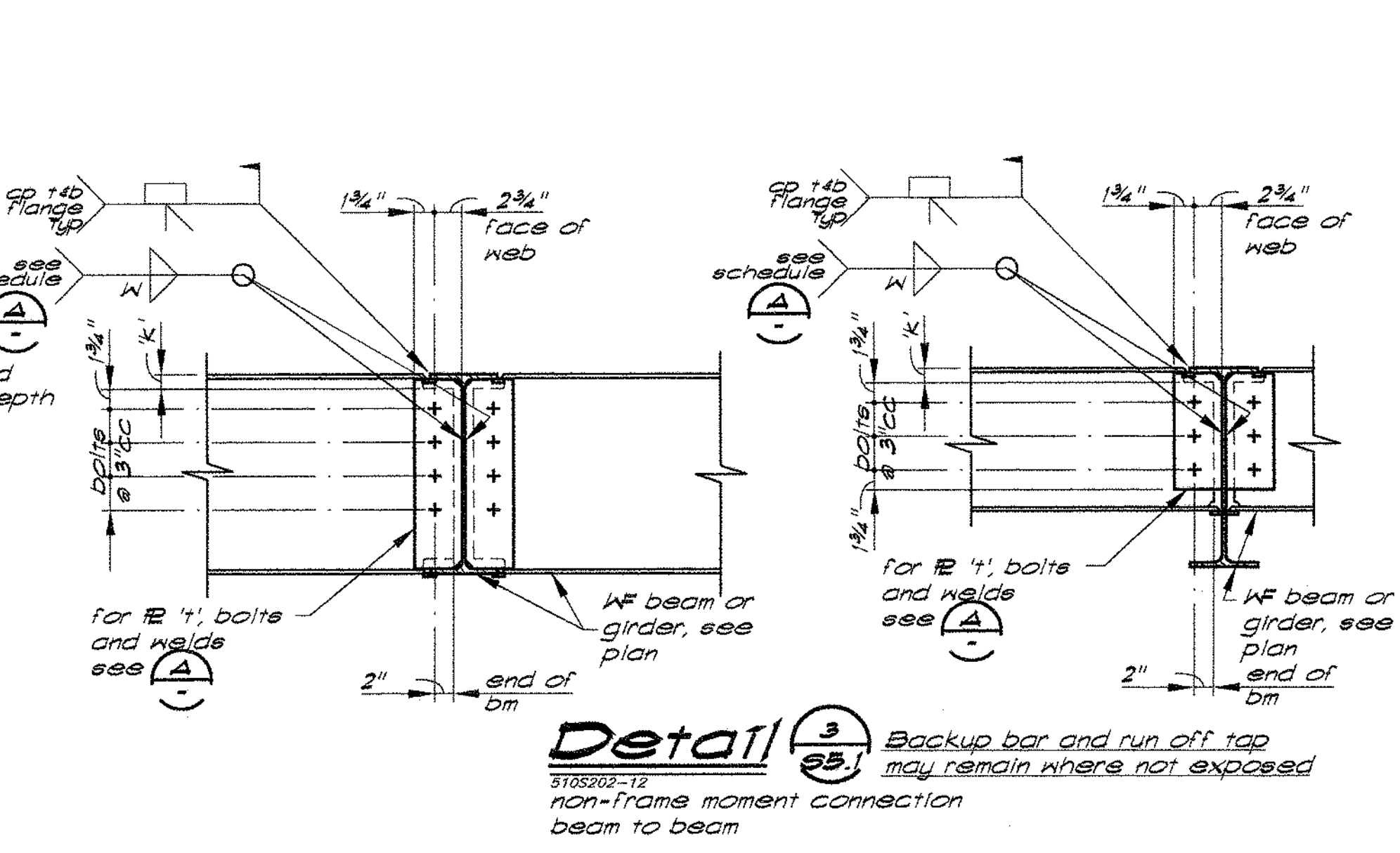
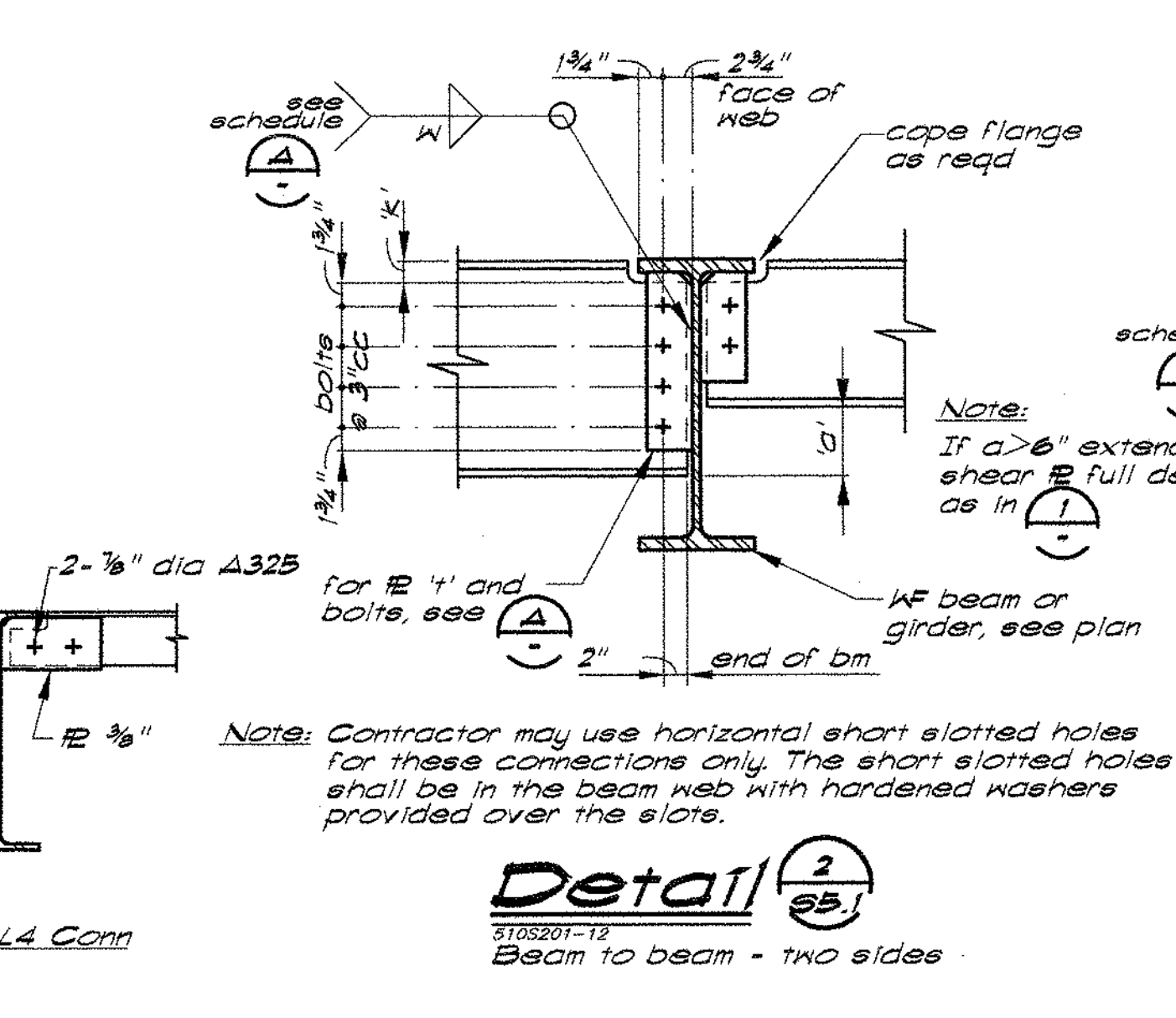
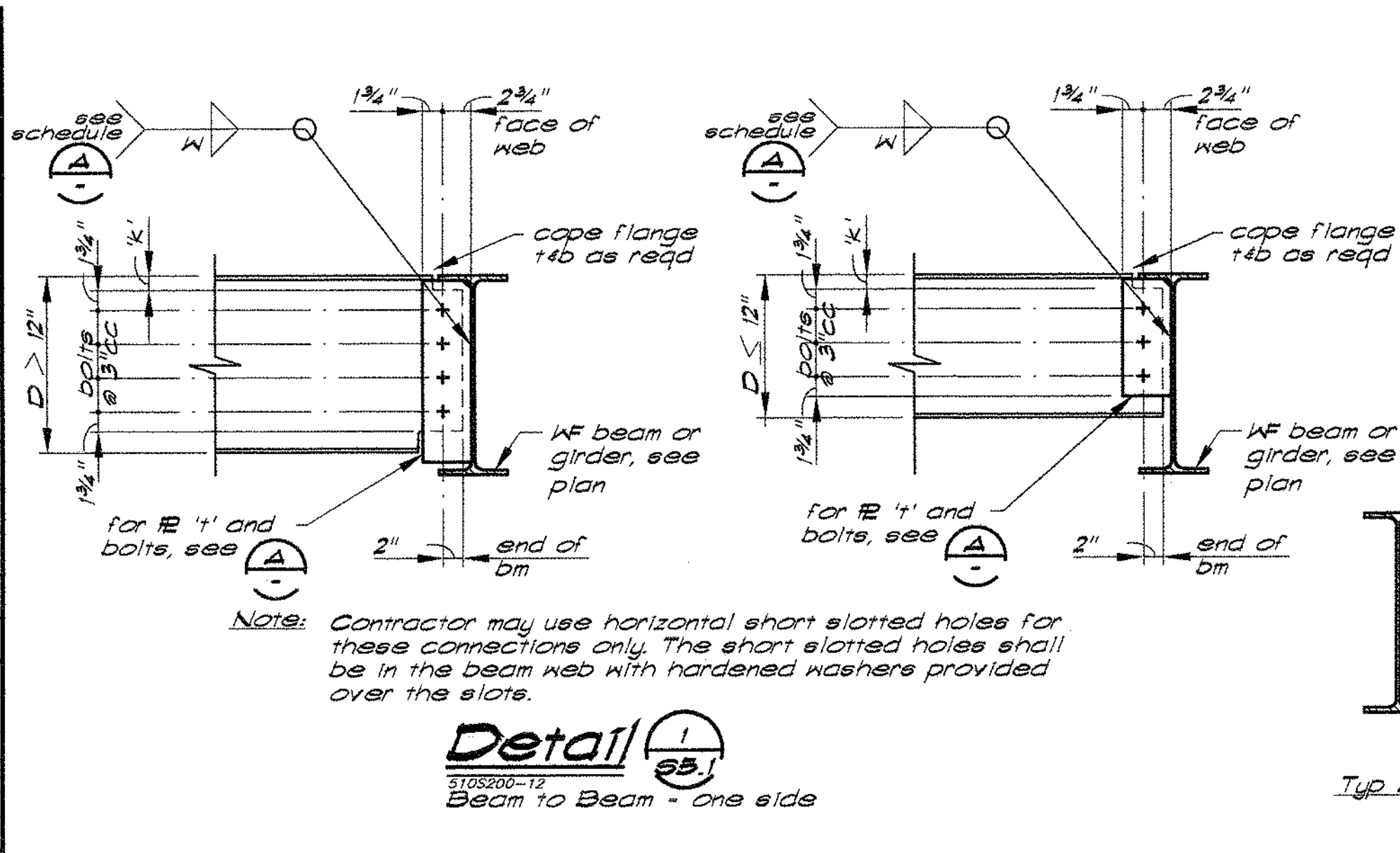
Connection Schedule

Beam Size	No. & Dia. A-325-N Bolts	Stiff. E 1' minimum	W	Max. load capacity where occurs	WT size
CB & C10	2 - 3/8"	1/4"	3/8"	11.1K	WT6X11
WB & W10	2 - 3/8"	1/4"	3/8"	11.1K	WT6X11
W12 & W14	3 - 3/8"	1/4"	3/8"	22.4K	WT6X11
W16	4 - 3/8"	3/8"	1/2"	35.7K	WT6X11
W18	5 - 3/8"	3/8"	1/2"	49.4K	WT6X11
W21	5 - 3/8"	3/8"	1/2"	49.4K	WT6X11
W24	6 - 3/8"	3/8"	1/2"	63.0K	WT6X11
W27	7 - 3/8"	3/8"	1/2"	76.7K	WT6X11
W30	8 - 1"	3/8"	3/8"	101K	WT6X11
W33	9 - 1"	3/8"	3/8"	119K	WT6X11
W36	10 - 1 1/8"	3/8"	3/8"	158K	WT6X11

1. This schedule applies to non-frame connections, typical.

2. Through-out details, 'k' dimensions may be rounded up to the nearest 1/4".

3. WT sizes where shown are for use as floor beam connections as in (2). Not for use with beams 24" or deeper.



5105101-1

Cap R Schedule

TS Col. Size	Stiff. E 1'*	Weld	Cap R or Base E
4x4	1/2"	1/4"	12" 5" 3/4"
5x5	1/2"	1/4"	13" 6" 3/4"
6x6	1/2"	1/4"	14" 7" 1"
8x8	1/2"	3/8"	16" 9" 1"

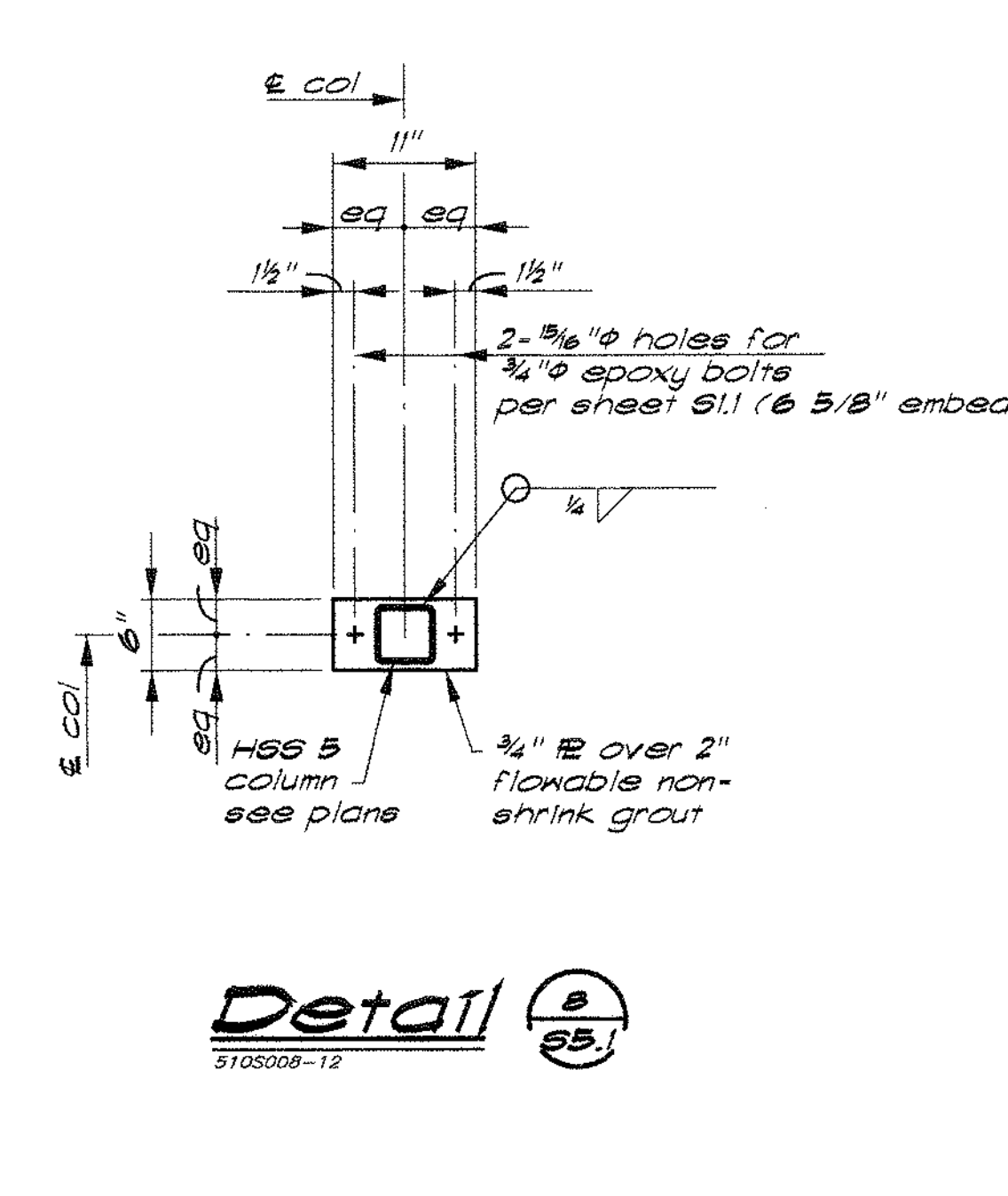
* Use E 1' for largest tube col. @ connection

5105101-2

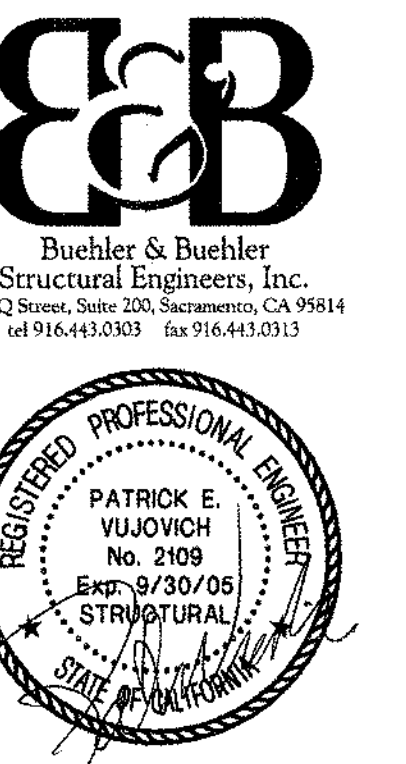
Base Plate Schedule

Column Size	Base Plate Size
4x4	8" x 8"
5x5	10" x 10"
6x6	12" x 12"
8x8	14" x 14"
10x10	16" x 16"
12x12	18" x 18"

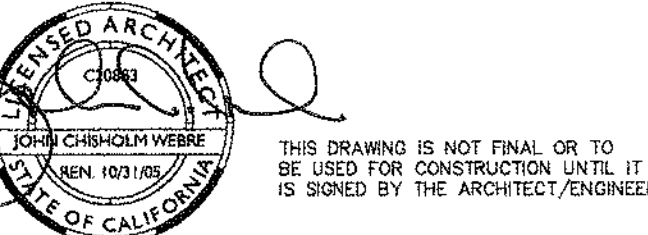
Notes:
1. Weld 'w' shall be 1/4" at base plates 3/4" and less, 3/8" at base plates greater than 3/4".
2. See Detail (12).



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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

DETAILS

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09 DECEMBER 2004

S5.1

DIFFUSER, REGISTER & GRILLE SCHEDULE

SYMBOL	DESCRIPTION	TITUS	BAILEY	METALAIR	KRUEGER
CD [Symbol]	MODULAR CORE CEILING DIFFUSER, SURFACE MOUNT, FLAT FRAME	MCD - BORDER TYPE 1	AQDV	9000-1	I240 FRAME 22
CDL [Symbol]	MODULAR CORE LAY-IN CEILING DIFFUSER FOR T-BAR CEILING 24x24 PANEL	MCD - BORDER TYPE 3	AQDV-L4	9000-6P	I240 FRAME 23
CR [Symbol]	CEILING RETURN WITH 1/2" EGG CRATE CORE SURFACE MOUNT	MODEL 50 F - BORDER TYPE 1	CRE-50T	CC5D	EGC-5
CRL [Symbol]	CEILING RETURN WITH 1/2" EGG CRATE CORE IN 24x24 PANEL FOR T-BAR CEILING, 22x22 NECK	MODEL 50 F - BORDER TYPE 3	CRE-50T-L4	CC5D-TBD	EGC-5TB
SR [Symbol]	DOUBLE DEFLECTION SUPPLY REGISTER WITH VERTICAL FRONT BARS, 3/4" SPACING, STEEL	300 RS - BORDER TYPE 1	T 64T	V 4004 SD	880 V
RR & ER [Symbol]	RETURN OR EXHAUST REGISTER WITH 30° HORIZONTAL BARS STEEL	350 RL - BORDER TYPE 1	T TTD	SRHD	S 80 H

- NOTES:**
- ALL SYMBOLS NOTED MAY NOT BE USED. REFER TO PLANS FOR SIZE AND QUANTITY.
 - ALL SUPPLY AIR DIFFUSERS ARE 4 WAY BLOW UNLESS SHOWN OTHERWISE.
 - FURNISH ALL PRODUCTS OF A SINGLE MANUFACTURER, EXCEPT AS NOTED WHERE DASHES SHOWN IN SCHEME, EQUAL TO "TITUS" MAY BE FURNISHED.
 - COORDINATE DIFFUSER LOCATION WITH ARCHITECTURAL REFLECTED CEILING PLAN.
 - OPPOSED BLADE DAMPERS ARE NOT REQUIRED AT DIFFUSERS, REGISTERS OR GRILLES.
 - PROVIDE MANUAL AIR DAMPERS AT EACH BRANCH DUCT TO A SINGLE DIFFUSER, REGISTER OR GRILLE.

DUCT LEGEND

SINGLE LINE SYMBOL	DOUBLE LINE SYMBOL	DESCRIPTION
24x12	24x12	RECTANGULAR DUCT - WIDTH x DEPTH (PLAN VIEW) DEPTH x WIDTH (SECTION VIEW)
26x14L	26x14L	ACOUSTICALLY LINED RECTANGULAR DUCT - DIMENSIONS ARE OUTSIDE
[Symbol]	[Symbol]	MANUAL AIR DAMPER
R OR D	RISE OR DROP	RISE OR DROP DUCT IN DIRECTION OF AIR FLOW
[Symbol]	OR [Symbol]	RECTANGULAR TO RECTANGULAR TRANSITION, MAX. SLOPE OF 1:3 RECTANGULAR TO ROUND TRANSITION, MAX. SLOPE OF 1:3
[Symbol]	[Symbol]	ELBOW, RECTANGULAR, SMOOTH RADIUS, WITHOUT TURNING VANES
[Symbol]	[Symbol]	SQUARE/RECTANGULAR DUCT ELBOW WITH TURNING VANES
[Symbol]	[Symbol]	CONVERGING OR DIVERGING TEE, 45° ENTRY, RECTANGULAR MAIN AND BRANCH. WHEN REDUCING MAIN, SIDE OF TAKE OFF OR ENTRY BRANCH TO BE FLAT, OTHER SIDES MAX. SLOPE OF 1:3
[Symbol]	[Symbol]	CONICAL DUCT TAKE OFF FROM RECTANGULAR VIA SPIN-IN W/DAMPER AND SCOOP
[Symbol]	[Symbol]	ROUND DUCT TAKE OFF FROM RECTANGULAR VIA SMOOTH CONVERGING BELL MOUTH
[Symbol]	[Symbol]	RECTANGULAR DUCT TEE, MAD'S ON THE 2 BRANCHES, THROAT SIZED FOR EQUAL PRESSURE DROP
[Symbol]	[Symbol]	RECTANGULAR DUCT SPLIT, MAD'S, THROAT SIZED FOR EQUAL PRESSURE DROP
[Symbol]	[Symbol]	3-WAY RECTANGULAR SPLIT WITH TWO TRANSITIONAL ELBOWS AND TRANSITIONING MAIN. DOWNSTREAM MAD'S ON THE TREE BRANCHES. THROATS SIZED FOR EQUAL PRESSURE DROP.
[Symbol]	[Symbol]	FOR CONCEALED DUCT: DROP TO DIFFUSER SHALL BE FULL SIZE OF DIFFUSER NECK. FOR EXPOSED DUCT: DROP SHALL BE FULL SIZE OF DD DIFFUSER FRAME, FLANGE FOR MOUNTING DIFFUSER TURNED IN. AIR EXTRACTOR AND EQUALIZER GRID AT CONNECTION TO MAIN.
[Symbol]	[Symbol]	SUPPLY AIR, SUPPLY AIR DUCT IN SECTION, SUPPLY DROP
[Symbol]	[Symbol]	RETURN AIR, RETURN AND OUTSIDE AIR DUCT IN SECTION, RETURN AIR DROP
[Symbol]	[Symbol]	EXHAUST AIR, EXHAUST AIR DUCT IN SECTION, EXHAUST AIR DROP
[Symbol]	[Symbol]	FLEXIBLE DUCT (ROUND)
[Symbol]	[Symbol]	FLEXIBLE DUCT (FABRIC)
[Symbol]	[Symbol]	45° REDUCING LATERAL FITTING
[Symbol]	[Symbol]	90° REDUCING TEE FITTING

MECHANICAL LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
[Symbol]	ABV	ABOVE
[Symbol]	ABC	ABOVE CEILING
[Symbol]	AF	ABOVE FLOOR
[Symbol]	AFF	ABOVE FINISHED FLOOR
[Symbol]	AFG	ABOVE FINISHED GRADE
[Symbol]	AD, AP	ACCESS DOOR, ACCESS PANEL
[Symbol]	AC	AIR CONDITIONING
[Symbol]	APD	AIR PRESSURE DROP, INCHES WATER COLUMN
[Symbol]	AB	ANCHOR BOLT
[Symbol]	ANV	ANGLE VALVE
[Symbol]	AAV	AUTOMATIC AIR VENT
[Symbol]	ATV	ATMOSPHERIC VENT (STEAM OR HOT VAPOR)
[Symbol]	BV	BALL VALVE
[Symbol]	BDD	BACK DRAFT DAMPER
[Symbol]	BFP	BACKFLOW PREVENTER
[Symbol]	BF	BELOW FLOOR
[Symbol]	BHP	BRAKE HORSE POWER
[Symbol]	BTU/H	BRITISH THERMAL UNITS (PER HOUR)
[Symbol]	BFV	BUTTERFLY VALVE
[Symbol]	BPT	BYPASS TIMER
[Symbol]	CBV	CALIBRATED BALANCE VALVE
[Symbol]	CC	CENTER TO CENTER
[Symbol]	CLG	CEILING
[Symbol]	CEF	CEILING EXHAUST FAN
[Symbol]	CKV	CHECK VALVE
[Symbol]	CHWS	CHILLED WATER SUPPLY PIPING
[Symbol]	CHWR	CHILLED WATER RETURN PIPING
[Symbol]	CP	CIRCULATING PUMP
[Symbol]	CLR	CLEAR
[Symbol]	CONC	CONCRETE
[Symbol]	CD	CONDENSATE DRAIN
[Symbol]	CR	CONDENSATE RETURN
[Symbol]	COND	CONDENSER
[Symbol]	CWS	CONDENSER WATER SUPPLY PIPING
[Symbol]	CWR	CONDENSER WATER RETURN PIPING
[Symbol]	CONN	CONNECT OR CONNECTION
[Symbol]	CONT	CONTINUATION
[Symbol]	CONTR	CONTRACTOR
[Symbol]	CT	COOLING TOWER
[Symbol]	CFM	CUBIC FEET OF AIR FLOW PER MINUTE
[Symbol]	DPR	DAMPER
[Symbol]		DEGREES FAHRENHEIT
[Symbol]	DIA	DIAMETER, PHASE
[Symbol]	DL	DOOR LOUVER
[Symbol]	DN	DOWN
[Symbol]	DR	DRAIN
[Symbol]	DB	DRY BULB (DEGREES FAHRENHEIT)
[Symbol]	DS	DYNAMIC SENSOR
[Symbol]		ECCENTRIC REDUCER
[Symbol]	EL	ELEVATION
[Symbol]	ENT	ENTERING
[Symbol]	EDB	ENTERING DRY BULB
[Symbol]	EW	ENTERING WATER
[Symbol]	EWI	ENTERING WATER TEMPERATURE
[Symbol]	EWB	ENTERING WET BULB
[Symbol]	EVAP	EVAPORATOR
[Symbol]	EC	EVAPORATIVE COOLER
[Symbol]	EA	EXHAUST AIR
[Symbol]	EAD	EXHAUST AIR DAMPER
[Symbol]	EF	EXHAUST FAN
[Symbol]	(E), EXIST	EXISTING
[Symbol]	(E)	EXISTING TO BE REMOVED
[Symbol]	ESP	EXTERNAL STATIC PRESSURE
[Symbol]	FPM	FEET PER MINUTE
[Symbol]	FIN	FINISH
[Symbol]	FD	FIRE DAMPER
[Symbol]	FS	FIRE/SMOKE DAMPER
[Symbol]	FC	FLEXIBLE CONNECTION
[Symbol]	FLR	FLOOR
[Symbol]	FLV	FLOW IN DIRECTION OF ARROW
[Symbol]	FA	FLOW LIMITING VALVE
[Symbol]	FB	FROM ABOVE
[Symbol]	FLA	FROM BELOW
[Symbol]	GCK	GAGE COCK
[Symbol]	GPH	GALLONS PER HOUR
[Symbol]	GPM	GALLONS PER MINUTE
[Symbol]	GV	GATE VALVE
[Symbol]	GLV	GLOBE VALVE
[Symbol]	GALV	GALVANIZED
[Symbol]	GI	GALVANIZED IRON
[Symbol]	GA	GAUGE
[Symbol]	HTG	HEATING
[Symbol]	HU	HOT WATER
[Symbol]	HWS	HOT WATER SUPPLY PIPING
[Symbol]	HWR	HOT WATER RETURN PIPING

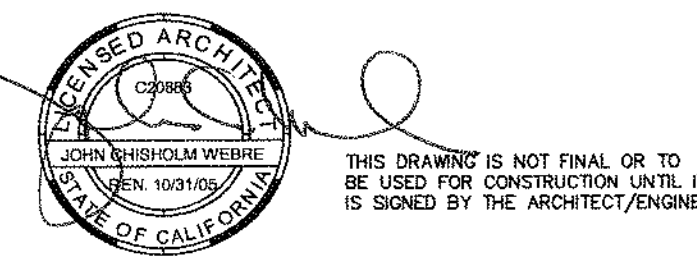
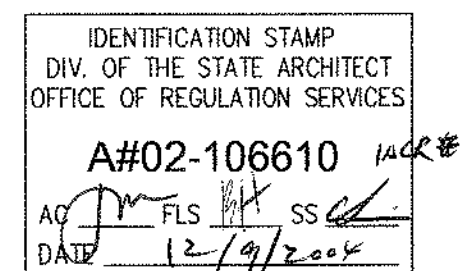
MECHANICAL LEGEND cont'd

SYMBOL	ABBREVIATION	DESCRIPTION
[Symbol]	H	HUMIDISTAT, "X" INDICATES DEVICE CONTROLLED
[Symbol]	IE	INVERT ELEVATION
[Symbol]	KW	KILOWATTS
[Symbol]	KWH	KILOWATT HOUR
[Symbol]	LDB	LEAVING DRY BULB IN DEGREES FAHRENHEIT
[Symbol]	LWB	LEAVING WET BULB IN DEGREES FAHRENHEIT
[Symbol]	LRA	LOCKED ROTOR AMPERES
[Symbol]	LVR	LOUVER
[Symbol]	LPB	LOW PRESSURE STEAM
[Symbol]	LPR	LOW PRESSURE RETURN
[Symbol]	MAD, MD	MANUAL AIR DAMPER
[Symbol]	MAV	MANUAL AIR VENT
[Symbol]	MFR	MANUFACTURER
[Symbol]	MAX	MAXIMUM
[Symbol]	MPB	MEDIUM PRESSURE STEAM
[Symbol]	MPR	MEDIUM PRESSURE RETURN
[Symbol]	MIN	MINIMUM
[Symbol]	MCC	MOTOR CONTROL CENTER
[Symbol]	NU	NEW
[Symbol]	OC	ON CENTER
[Symbol]	OA	OUTSIDE AIR
[Symbol]	OAD	OUTSIDE AIR DAMPER
[Symbol]	OD	OUTSIDE DIAMETER
[Symbol]	OV	OUTLET VELOCITY
[Symbol]	OH	OVERHEAD
[Symbol]		PETE'S PLUG
[Symbol]		PIPE ANCHOR
[Symbol]		PIPE DROP
[Symbol]		PIPE GUIDE
[Symbol]		PIPE RISE
[Symbol]		PITCH DOWN IN DIRECTION OF FLOW
[Symbol]		POINT OF CONNECTION
[Symbol]		POUNDS
[Symbol]	POC	POUNDS PER SQUARE INCH (GAUGE) (ABSOLUTE)
[Symbol]	PSI (G) (A)	PRESSURE DROP
[Symbol]	PD	PRESSURE GAUGE
[Symbol]	PG	PRESSURE REDUCING VALVE
[Symbol]	PRV	PUMPED CONDENSATE RETURN
[Symbol]	PCR	REFRIGERANT GAS PIPING
[Symbol]	RG	REFRIGERANT SUCTION PIPING
[Symbol]	RS	REFRIGERANT LIQUID PIPING
[Symbol]	RL	RELIEF VALVE OR PRESSURE
[Symbol]	RV or PATRV	TEMPERATURE RELIEF VALVE
[Symbol]		RETURN AIR
[Symbol]	RA	RETURN AIR DAMPER
[Symbol]	RAD	REVOLUTIONS PER MINUTE
[Symbol]	RPM	RUNNING LOAD AMPERES
[Symbol]	RLA	SECURITY BARS
[Symbol]	SB	SHEET METAL
[Symbol]	SD	SMOKE DAMPER
[Symbol]	SKD	SMOKE DETECTOR
[Symbol]	SD	SPLITTER DAMPER
[Symbol]		SQUARE FEET
[Symbol]	SQFT, FT ²	SQUARE INCHES
[Symbol]	SQIN, IN ²	STATIC PRESSURE
[Symbol]	SP	STATIC PRESSURE DROP
[Symbol]	SPD	STEAM TRAP (ALL TYPES)
[Symbol]	STR	STRAINER
[Symbol]	SA	SUPPLY AIR
[Symbol]	SF	SUPPLY FAN
[Symbol]	TCP	TEMPERATURE CONTROL PANEL
[Symbol]	TCV	TEMPERATURE CONTROL VALVE
[Symbol]		TEMPERATURE SENSOR, "X" INDICATES DEVICE CONTROLLED
[Symbol]		THERMOMETER
[Symbol]	T	THERMOSTAT, "X" INDICATES DEVICE CONTROLLED
[Symbol]	MBH	THOUSAND BRITISH THERMAL UNITS PER HOUR
[Symbol]	TA	TO ABOVE
[Symbol]	TB	TO BELOW
[Symbol]	TP	TOTAL PRESSURE
[Symbol]	TSP	TOTAL STATIC PRESSURE
[Symbol]	TYP	TYPICAL
[Symbol]	UG	UNDERGROUND
[Symbol]	UCD	UNDER CUT DOOR
[Symbol]	UON	UNLESS OTHERWISE NOTED
[Symbol]		UNION
[Symbol]	VLV	VALVE
[Symbol]		VALVE IN RISER (TYPE AS INDICATED OR NOTED)
[Symbol]		VALVE IN VALVE BOX
[Symbol]	WPD	WATER PRESSURE DROP
[Symbol]	W	WATTS
[Symbol]	WT	WEIGHT
[Symbol]	WB	WET BULB
[Symbol]	WMS	WIRE MESH SCREEN
[Symbol]	WP	WORKING PRESSURE
[Symbol]		2-WAY CONTROL VALVE
[Symbol]		3-WAY CONTROL VALVE

DREYFUS & BLACKFORD

ARCHITECTS

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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

HVAC LEGENDS,
SCHEDULES
& NOTES

A4745.01

09 DECEMBER 2004

MO.1

AIR HANDLER UNIT SCHEDULE

UNIT	LOCATION	"GOVERNOR" MODEL SIZE	SUPPLY FAN										COOLING COIL										HEATING COIL										EXHAUST FAN					ELECTRICAL DATA		OPER. WT. (LBS.)	MOUNTING DETAIL	NOTES
			CFM	MIN. QSA (CFM)	ESP (IN. WG.)	TSP (IN. WG.)	HP/BHP	FAN RPM	TYPE	TOTAL (MBH)	SENS. (MBH)	COIL	EDB/ENB (DEG F)	LDB/LWB (DEG F)	EWL/LWT (DEG F)	ΔT	GPM	WPD (IN)	CNTRL VALVE	CV	S&R QTY/SIZE	TOTAL (MBH)	COIL	EAT/LAT (DEG F)	EWL/LWT (DEG F)	ΔT	GPM	WPD (IN)	CNTRL VALVE	CV	S&R QTY/SIZE	CFM	TSP (IN. WG.)	HP/BHP	FAN RPM	TYPE	VOLTAGE/PH/HZ					
AHU 1	BLDG 1800B	R5A-03	20,000	7,500	1.5	3.62	20/16.55	901 33.9 MAX	PFO2-4C PREMIUM EFF.	781.4	678.5	6 ROWS 8 FPI 36.8 SF	84/65	52.7/51.9	44/54	10	156	8.6 # 3.0 FPI	2-WAY NC	56	5 1/3" R 1/3"	656	1 ROWS 9 FPI 36.8 SF	50/80	180/160	20	67	4.0 # 3.9 FPI	2-WAY N.O.	25	5 1/2" R 1/2"	20,000	1.44	17.5/6.8	984 190 MAX	PFO2-44 PREMIUM EFF.	460V, 3Ø, 60Hz	5,000 UNIT 1220 CURB	10 MB.1	1 THRU 4		

1. PROVIDE WITH FACTORY MOUNTED VFD W/ BYPASS FOR SUPPLY AND EXHAUST FANS.
2. PROVIDE WITH SINGLE 460V/3Ø POWER CONNECTION WITH DISCONNECT.
3. SMOKE DETECTOR TO SHUT DOWN UNIT AND ACTIVATE FIRE ALARM SYSTEM UPON DETECTION OF SMOKE PER CHC 608.
4. PROVIDE FACTORY INSTALLED OUTSIDE AIRFLOW MONITOR.
5. PROVIDE SEPERATE J BOX FOR LIGHTING CIRCUIT. DEDICATED 120V CIRCUIT PROVIDED BY DIVISION 16.
6. PROVIDE 120 VOLT GFI AT SUPPLY FAN SECTION. DEDICATED 120V CIRCUIT PROVIDED BY DIVISION 16.
7. DEDICATED 120V CIRCUIT FOR EMCS AHU CONTROLLER PROVIDED BY DIVISION 16.

SPLIT SYSTEM AC/HP UNIT SCHEDULE

UNIT	LOCATION	"MITSUBISHI" MODEL NO. (INDOOR UNIT)	CFM	FAN FLA	MCA	VOLT/PH	OPER. WT. (LBS.)	MOUNTING DETAIL	UNIT	"MITSUBISHI" MODEL NO. (OUTDOOR UNIT)	TOTAL COOLING CAPACITY (MBH)	COMPRESSOR		MCA	MOCF	FAN FLA	VOLT/PH	SEER	OPER. WT. (LBS.)	MOUNTING DETAIL	CONTROL DIAGRAM	NOTES
												RLA	LRA									
SAC 1	COMP ROOM 1882	PK24-FK	600	0.7	1.0	115/1Ø	95	5 MB.01	SCU 1	PUR4-EK	24.0	11.5	54	16.0	20.0	2 # 0.65	208-230/1Ø	10.6	210	4 MB.1	--	--

NOTES:

VARIABLE AIR VOLUME BOX SCHEDULE

UNIT	"TITUS" ESV SIZE (IN.)	MAX. CFM	MIN. CFM	SPD (IN. W.G.)	NC (dB)	REHEAT COIL					NOTES	
						CAP. (MBH)	ROWS	GPM	WPD (FT.)	S&R CONN.		TCV
VAV 1	10	1200	480	0.21	24	20.7	1	2.1	0.40	7/8"	2-WAY	1 THRU 10
VAV 2	10	1200	480	0.21	24	20.7	1	2.1	0.40	7/8"	2-WAY	1 THRU 10
VAV 3	7	500	300	0.28	23	13.0	1	1.3	0.70	1/2"	2-WAY	1 THRU 10
VAV 4	6	350	300	0.29	22	13.0	1	1.3	0.50	1/2"	2-WAY	1 THRU 10
VAV 5	10	900	450	0.31	22	19.4	1	2.0	0.40	7/8"	2-WAY	1 THRU 10
VAV 6	12	1150	555	0.25	23	24.0	1	2.4	0.90	7/8"	2-WAY	1 THRU 10
VAV 7	12	800	540	0.42	26	23.3	1	2.3	0.70	7/8"	3-WAY	1 THRU 10
VAV 8	12	800	540	0.42	26	23.3	1	2.3	0.70	7/8"	3-WAY	1 THRU 10
VAV 9	10	450	300	0.23	22	13.0	1	1.3	0.40	7/8"	2-WAY	1 THRU 10
VAV 10	10	450	300	0.23	22	13.0	1	1.3	0.40	7/8"	2-WAY	1 THRU 10
VAV 11	10	900	450	0.31	22	19.4	1	2.0	0.70	7/8"	2-WAY	1 THRU 10
VAV 12	10	850	395	0.27	21	17.1	1	1.7	0.70	1/2"	2-WAY	1 THRU 10
VAV 13	6	350	300	0.29	22	13.0	2	1.3	0.50	1/2"	2-WAY	1 THRU 10

- NOTES:
1. FOR MOUNTING SEE DETAIL: 9 MB.1 FOR CONTROL DIAGRAMS SEE DETAIL: 2.5 MB.2
 2. SPD IS THE MAX. STATIC PRESSURE DROP FROM INLET TO DISCHARGE WITH THE VAV DAMPER 100% OPEN.
 3. NC IS MAX. DISCHARGE NC WITH 10 DB ROOM ABSORPTION AND 1" INLET STATIC PRESSURE.
 4. REHEAT COIL BASED ON 40°F AIR TEMP. RISE, # MIN. CFM, 20" EWT/LWT TEMP. DIFF. COILS ARE FURNISHED BY VAV BOX MFR. FOR PIPING SEE 9/MB.01 (2-WAY TCV) & 10/MB.01 (3-WAY TCV).
 5. SIZE TCV FOR 4 PSIG WATER PRESSURE DROP AT FLOW LISTED.
 6. FURNISH VAV BOXES WITH DAMPERS AND VELOCITY SENSORS ONLY; SEE CONTROL DIAGRAMS FOR ADDITIONAL CONTROLS.
 7. 120V POWER TO ALL VAV BOXES BY DIV. 16. 120V TO 24V TRANSFORMER BY TCC.
 8. INLET DUCT SIZE IS THE SAME AS THE BOX INLET U.O.N. ON PLANS.
 9. PROVIDE SOUND ATTENUATOR AT UNIT DISCHARGE, SEE DETAIL 7/MB.01
 10. MAX UNIT WEIGHT: 75 LB (INCL. COIL.)

FAN SCHEDULE

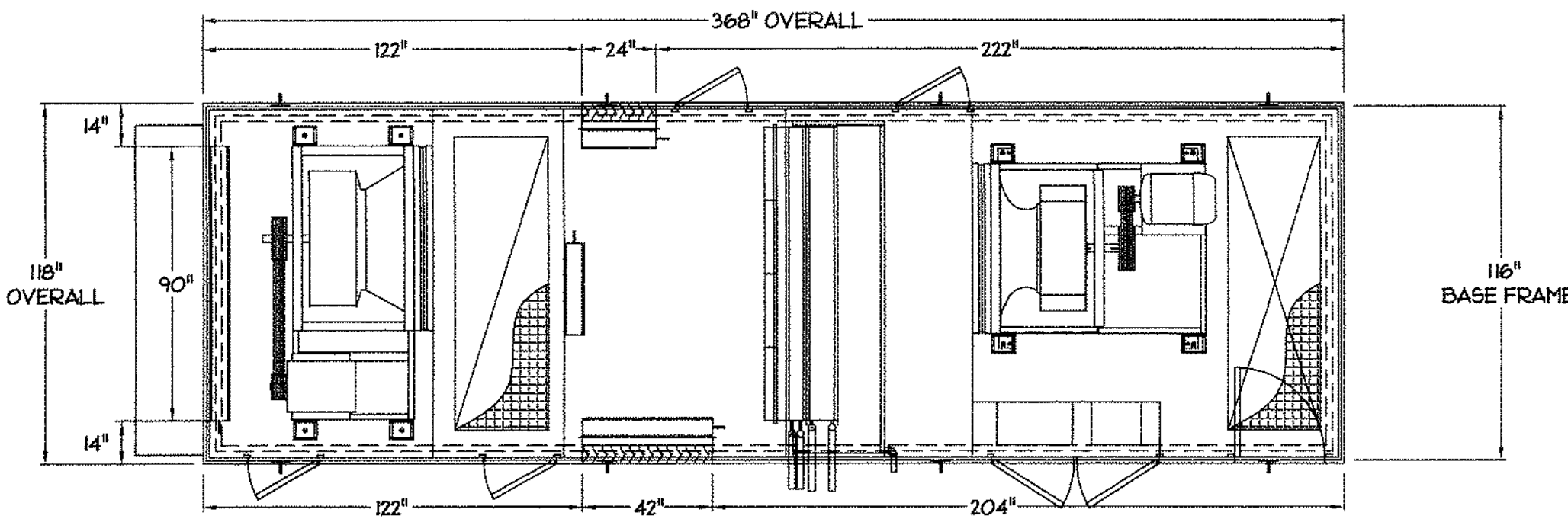
UNIT	LOCATION	"GREENHECK" MODEL NO.	CFM	SP (IN. W.G.)	STYLE	RPM	HP (W)	VOLT/PH	OPER. WT. (LBS.)	MOUNTING DETAIL	NOTES
CEF 1	JANITOR	SP-A125	100	0.25	CE	1075	(73)	115/1Ø	15	9 MB.1	
EF 1	(E) MECHL ROOM	GB-101	700	0.5	RE	1235	1/4	115/1Ø	50	2 MB.2	
EF 3	WELDING LAB TLT AREA	GB-101	800	0.5	RE	1305	1/4	115/1Ø	50	2 MB.2	
EF 8	AUTO SHOP	GB-121	1000	0.5	RE	1145	1/4	115/1Ø	50	2 MB.2	

- LEGEND
DUTY: S-SUPPLY, R-RETURN, E-EXHAUST
STYLE: BI-BACKWARD INCLINED, FC-FORWARD CURVED, AF-AIRFOIL, TU-TUBULAR, IL-INLINE, VS-VENT SET, RE-ROOF EXHAUST, CE-CEILING
NOTES:

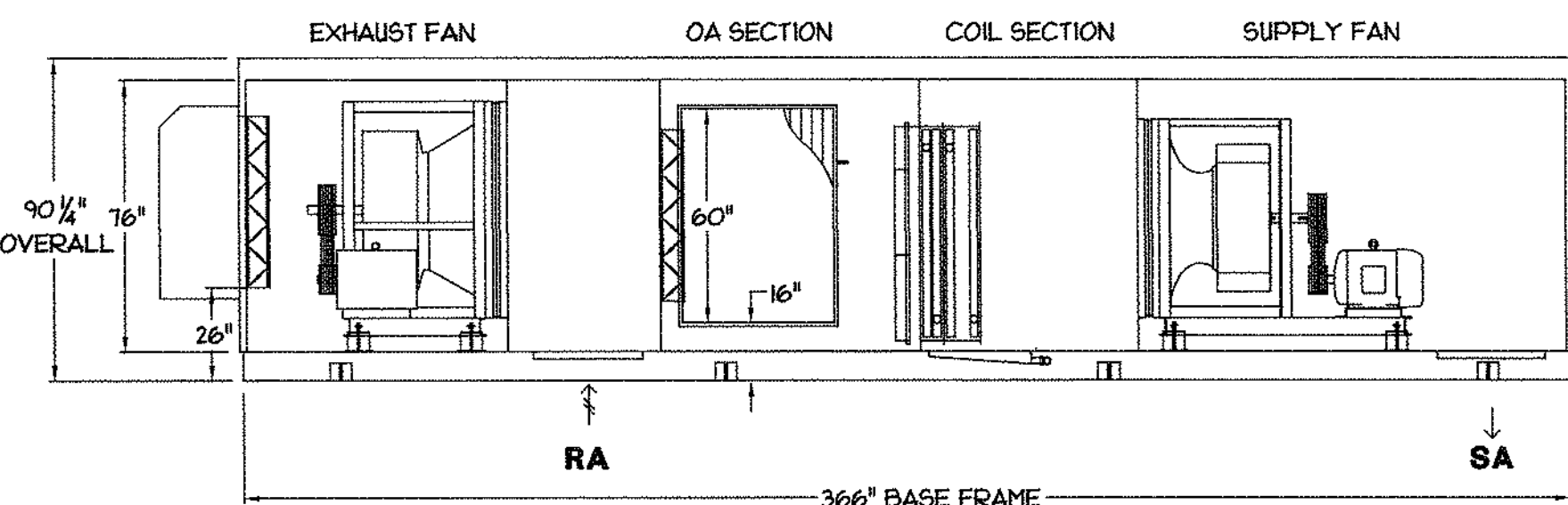
PUMP SCHEDULE

UNIT	LOCATION	"BS&G" MODEL NO.	GPM	TOTAL HEAD (FT)	MIN. EFF. (%)	ELECTRICAL DATA			OPER. WT. (LBS.)	MOUNT. DETAIL	CONTROL DIAGRAM	NOTES
						RPM	HP/BHP	VOLT/PH				
CHUP 1	BLDG 1800A MECH ROOM	SERIES 80 3x3x9-1/2B	160	65	66.5	1750	5/3.95	460/3Ø	300	1 MB.2	--	

NOTES:



PLAN



ELEVATION

NOTE:
UNIT BASE FRAME DIMENSIONS ARE TO BE COORDINATED WITH STRUCTURAL
ROOF FRAMING CURB PRIOR TO START OF CONSTRUCTION.

AHU-1 CONFIGURATION

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

1
MO.2

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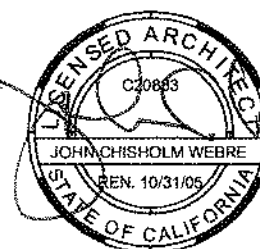
3540 FOLSOM BOULEVARD
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FACSIMILE 916 453-1336



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CONSULTANTS, INC.
RANCHO CORDOVA, CALIFORNIA
SZ/NA/CK/S/H
DESIGN/PROJECT
DATE/PROJECT NO.



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DATE 12/9/2004



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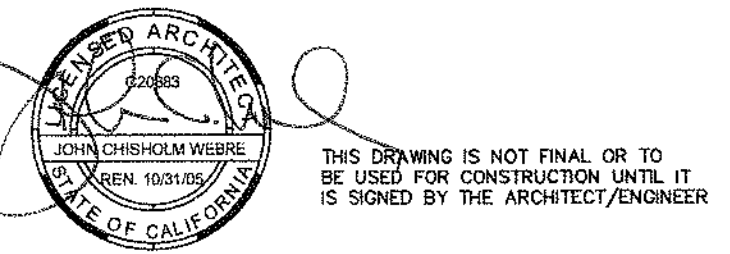
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SWING SPACE RENOVATION
INCREMENT #1

HVAC LEGENDS,
SCHEDULES
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09 DECEMBER 2004

M0.2



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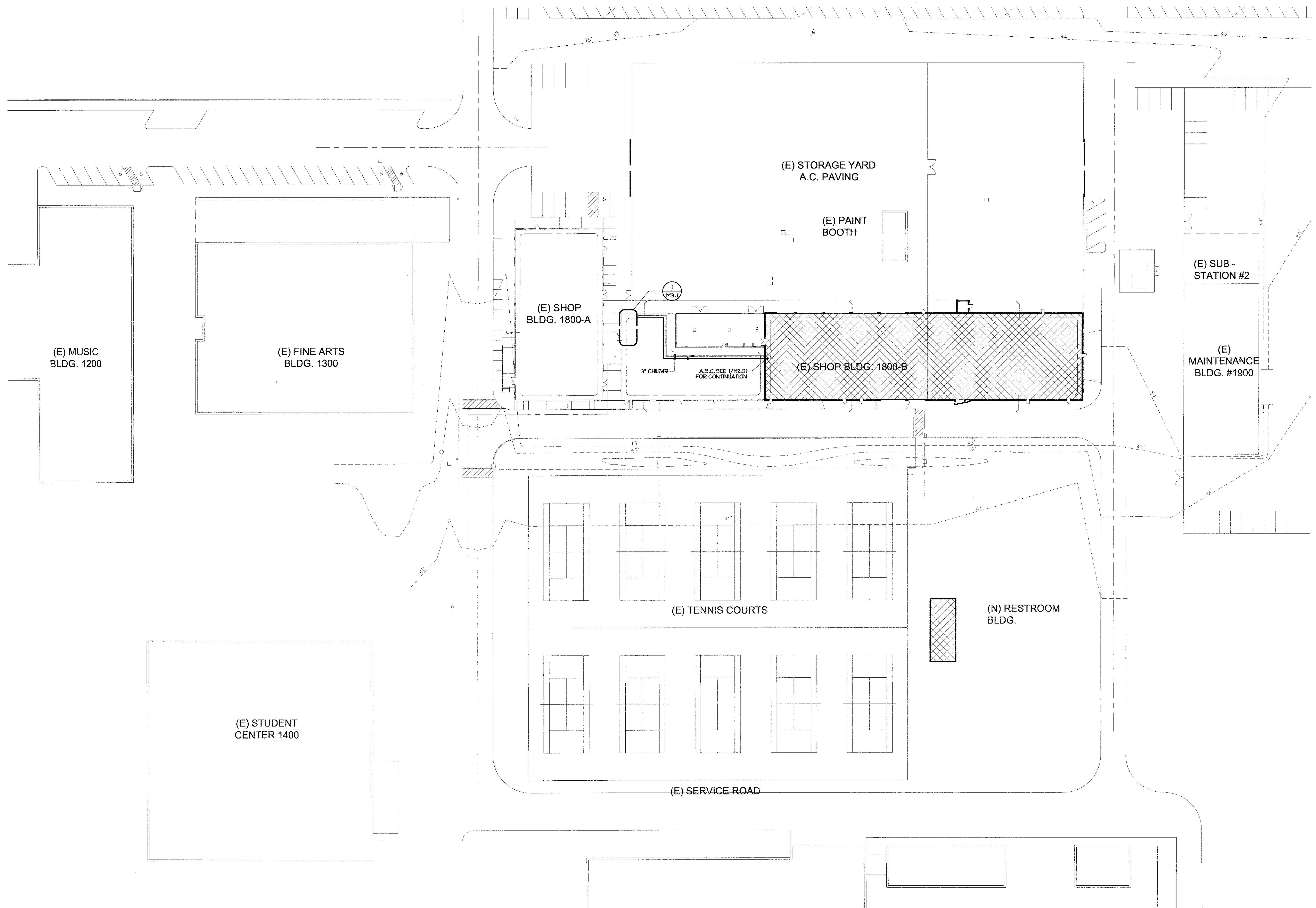
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MECHANICAL
SITE
PLAN

4745.01

9 DECEMBER 2004

M1.1

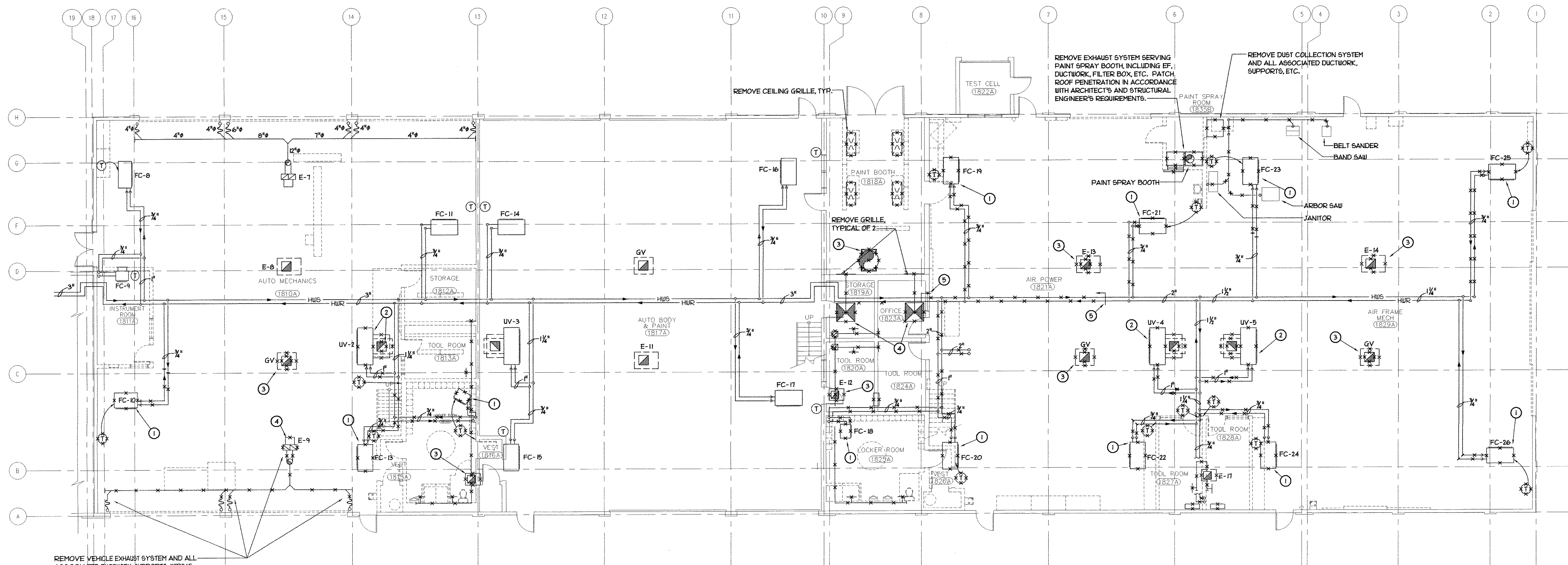


MECHANICAL SITE PLAN

SCALE : 1" = 30'-0"

1
M1.1

00
11
12
13
14
15
16
17
18
19



REMOVE VEHICLE EXHAUST SYSTEM AND ALL ASSOCIATED DUCTWORK, SUPPORTS, WIRING, AND ALL OTHER APPURTENANCES. PATCH ROOF PENETRATION TO MATCH EXISTING CONDITIONS.

SHEET NOTES

- ① REMOVE FAN COIL AND ALL ASSOCIATED SUPPORTS, WIRING, CONTROLS, AND OTHER APPURTENANCES. REMOVE HUI PIPING BRANCH TO EXTENT INDICATED.
- ② REMOVE UNIT VENTILATOR AND ALL ASSOCIATED DUCTWORK, SUPPORTS, WIRING, CONTROLS, AND OTHER APPURTENANCES. REMOVE HUI PIPING BRANCH TO EXTENT INDICATED. REMOVE INTAKE HOOD AND DUCTWORK THRU ROOF.
- ③ REMOVE EXHAUST FAN/ ROOF VENT AND ALL ASSOCIATED DUCTWORK, GRILLES, SUPPORTS, WIRING, AND ALL OTHER APPURTENANCES.
- ④ REMOVE DUCT THRU ROOF.
- ⑤ REMOVE SECTION OF 3" HUI54R MAINS BETWEEN ARROWS AS SHOWN.

HVAC DEMOLITION FLOOR PLAN

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

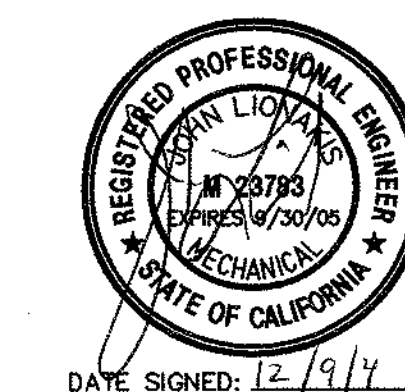
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M2.01

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ARCHITECTS

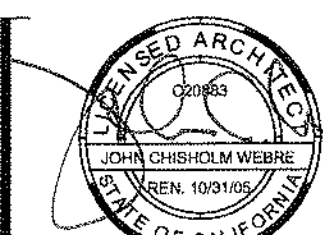
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CONSULTANTS, INC.**
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SZINABAKS/MH
DESIGNER/DRAWER
040526.00
PROJECT NO.



DATE SIGNED: 12/9/94

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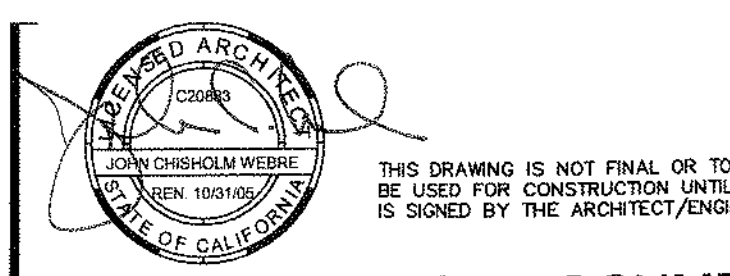
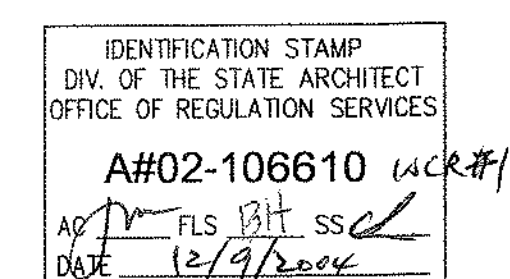
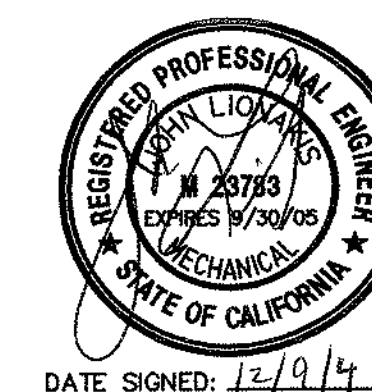
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SWING SPACE RENOVATION
INCREMENT #1

HVAC DEMOLITION
FLOOR PLAN

A4745.01

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M2.01



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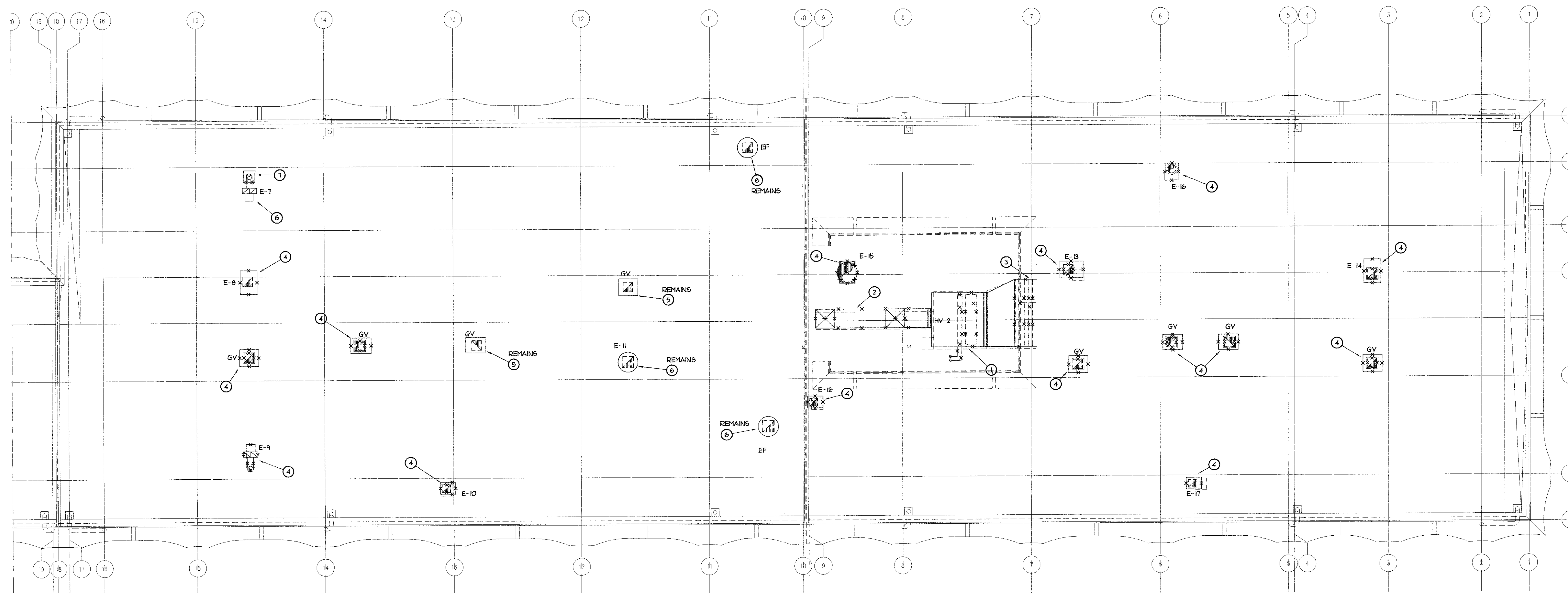
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HVAC DEMOLITION
ROOF PLAN

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M2.02



HVAC DEMO ROOF PLAN

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

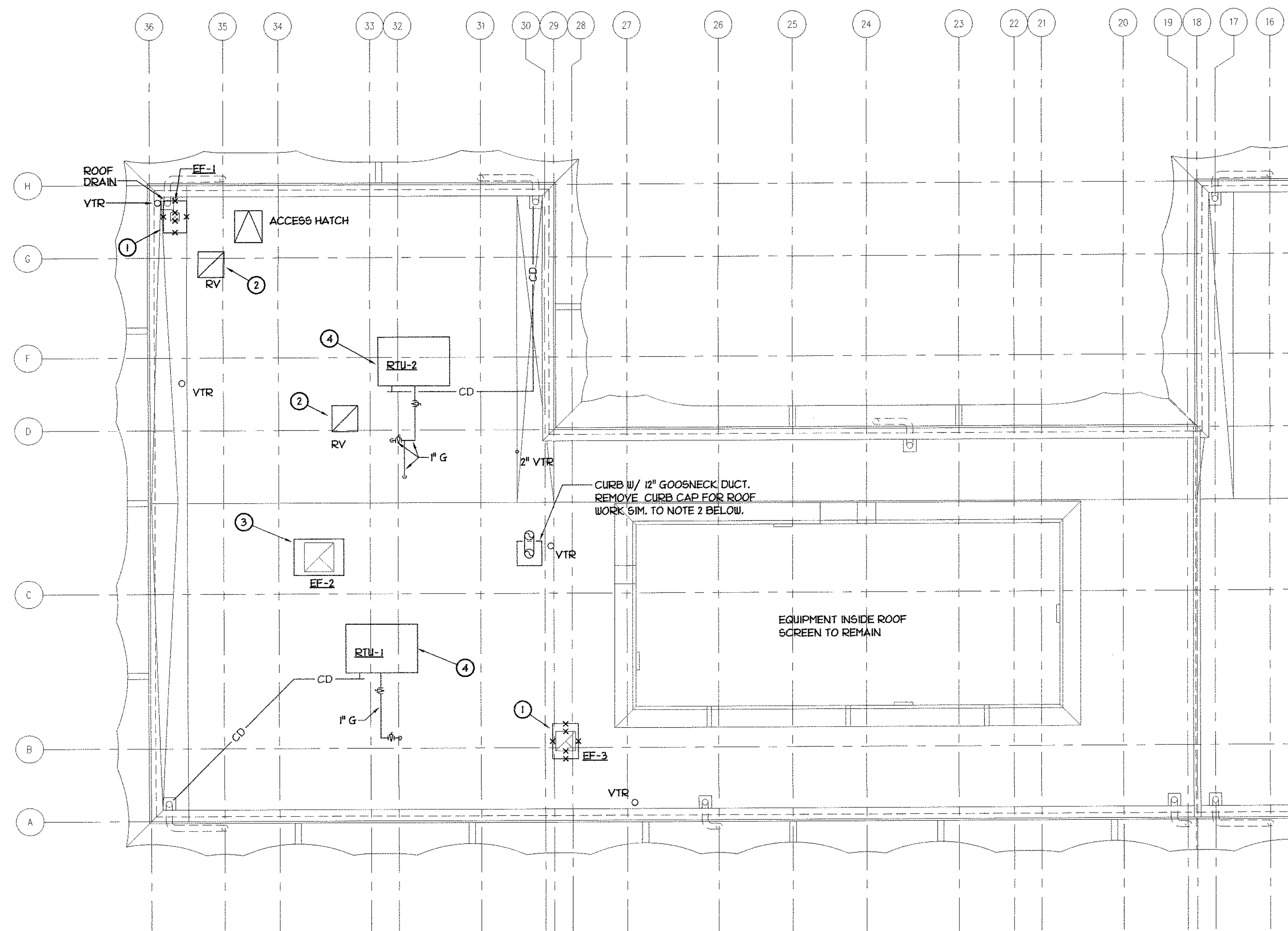
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M2.02

GENERAL NOTES:

1. SEE ARCHITECTURAL DRAWING A2.2 FOR ROOFING WORK. COORDINATE HVAC WORK WITH ROOFING WORK, INCLUDING THE NEW ROOFING BOARD WHICH ALTERS ROOF SLOPING IN SOME AREAS.

SHEET NOTES

- 1 REMOVE HEAT/VENT UNIT AND ALL ASSOCIATED SUPPORTS, WIRING, DUCTWORK, AND ALL OTHER APPURTENANCES. REMOVE HOT WATER PIPING TO EXTEND SHOWN. FOR ROOF REQUIREMENTS, SEE A2.2.
- 2 REMOVE DUCT THRU ROOF CURB AND PATCH ROOF PENETRATION IN ACCORDANCE WITH ARCHITECT AND STRUCTURAL ENGINEERS' REQUIREMENTS.
- 3 REMOVE AIR INTAKE LOUVER. FOR ROOF REQUIREMENTS, SEE A2.2.
- 4 REMOVE EXHAUST FAN/ ROOF VENT AND ALL ASSOCIATED DUCTWORK, GRILLES, SUPPORTS, WIRING, AND ALL OTHER APPURTENANCES.
- 5 REMOVE GRAVITY ROOF VENT FROM CURB FOR RE-ROOFING WORK. VENT SHALL BE CLEANED AND STORED FOR RE-INSTALLATION AFTER ROOF WORK HAS BEEN COMPLETED. SEE M2.2 FOR RE-INSTALLATION.
- 6 REMOVE ROOF EXHAUST FAN FROM CURB FOR RE-ROOFING WORK. FAN SHALL BE CLEANED AND STORED FOR RE-INSTALLATION AFTER ROOF WORK HAS BEEN COMPLETED. SEE M2.2 FOR RE-INSTALLATION.
- 7 REMOVE CURB CAP FLASHING & DUCT THROUGH ROOF FOR INSTALLATION OF NEW ROOFING.



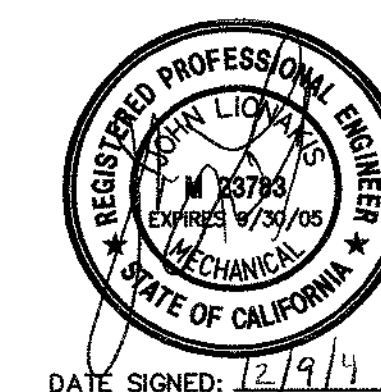
HVAC DEMOLITION ROOF PLAN WEST **1**
SCALE : 1/8" = 1'-0" **M2.02A**

GENERAL NOTES:

1. SEE ARCHITECTURAL DRAWING A2.2 FOR ROOFING WORK. COORDINATE HVAC WORK WITH ROOFING WORK, INCLUDING THE NEW ROOFING BOARD WHICH ALTERS ROOF SLOPING IN SOME AREAS.

SHEET NOTES

- ① REMOVE EXHAUST FAN/ ROOF VENT AND ALL ASSOCIATED DUCTWORK, GRILLES, SUPPORTS, WIRING, AND ALL OTHER APPURTENANCES.
- ② REMOVE GRAVITY ROOF VENT FROM CURB FOR RE-ROOFING WORK. VENT SHALL BE CLEANED AND STORED FOR RE-INSTALLATION AFTER ROOF WORK HAS BEEN COMPLETED. SEE M2.2 FOR RE-INSTALLATION.
- ③ REMOVE ROOF EXHAUST FAN FROM CURB FOR RE-ROOFING WORK. FAN SHALL BE CLEANED & STORED FOR RE-INSTALLATION AFTER ROOF WORK HAS BEEN COMPLETED. SEE M2.2 FOR RE-INSTALLATION.
- ④ PACKAGED ROOFTOP UNIT TO REMAIN. COORDINATE FLASHING OF CURB WITH NEW ROOFING WORK.



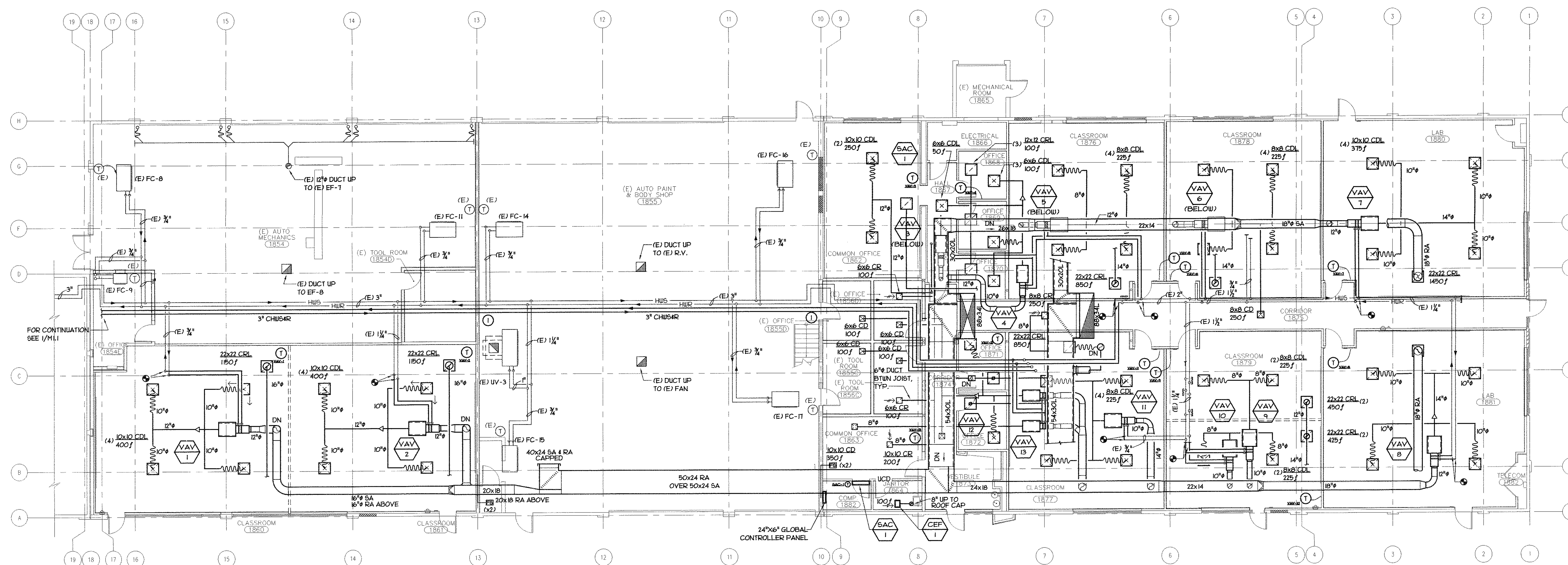
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INCREMENT #1

HVAC
FLOOR
PLAN

A4745.01

09 DECEMBER 2004

M2.1



GENERAL NOTES

1. BOTTOM OF VAV BOXES SHALL BE 12" ABV. CLG,
SEE DETAIL 8/M5.1 FOR SUPPORT & BRACING

SHEET NOTES

- ① FOR PIPE PENETRATION THROUGH RATED WALL, SEE 3/M5.2.

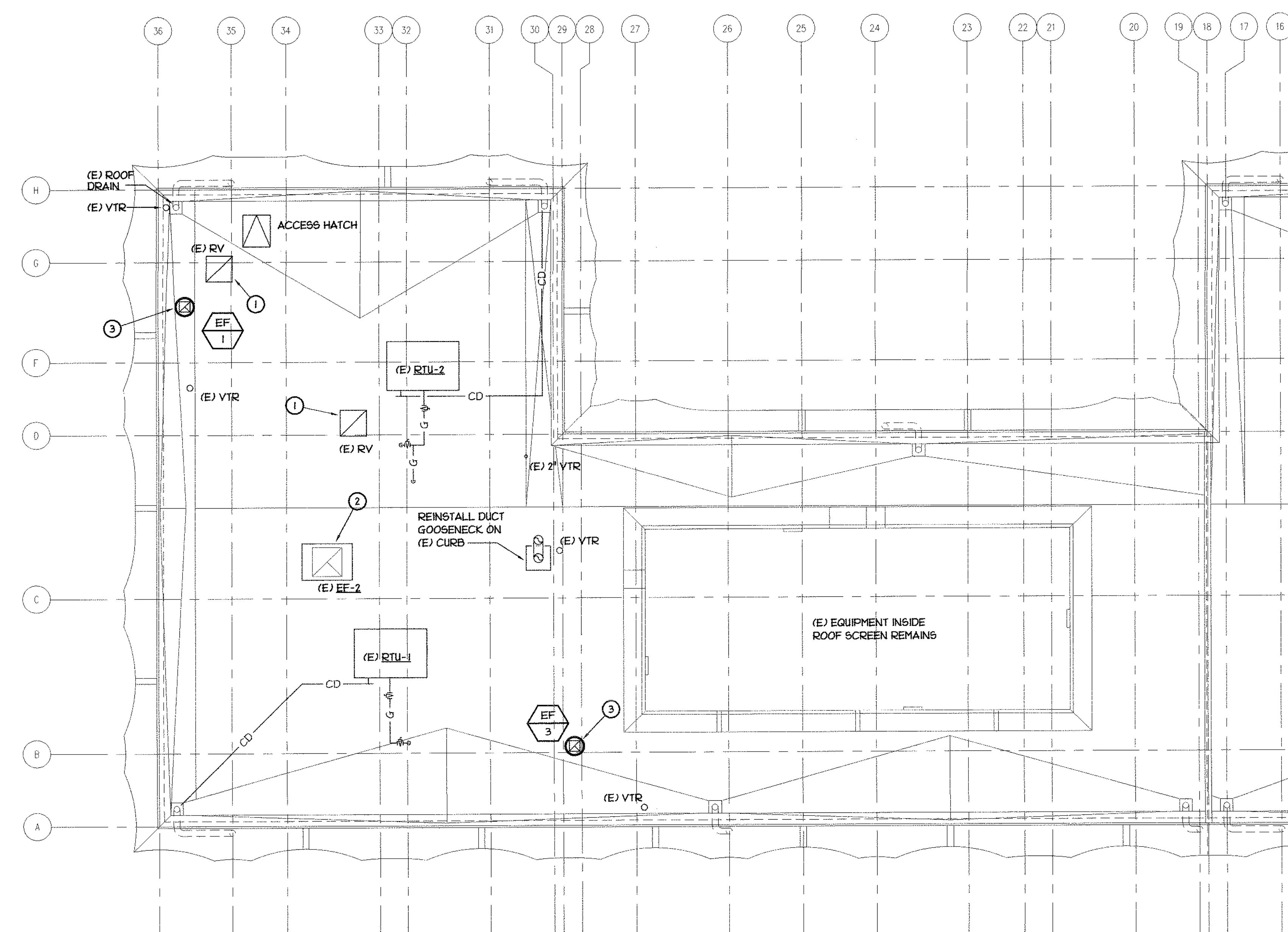
HVAC FLOOR PLAN

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

1

M2.1

M2.2



HVAC ROOF PLAN WEST

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

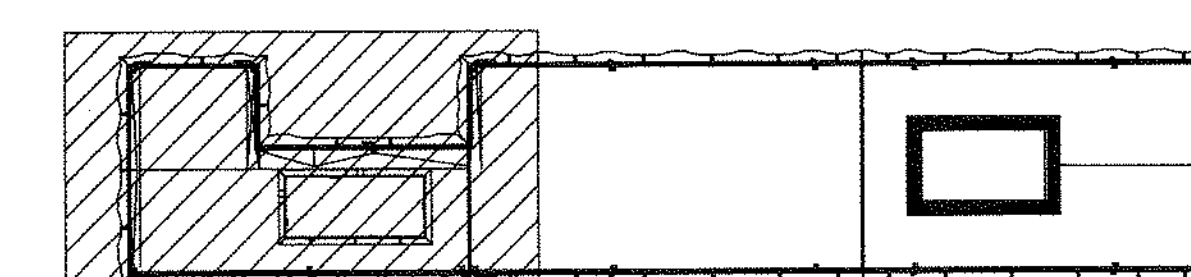
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M2.2A

GENERAL NOTES:

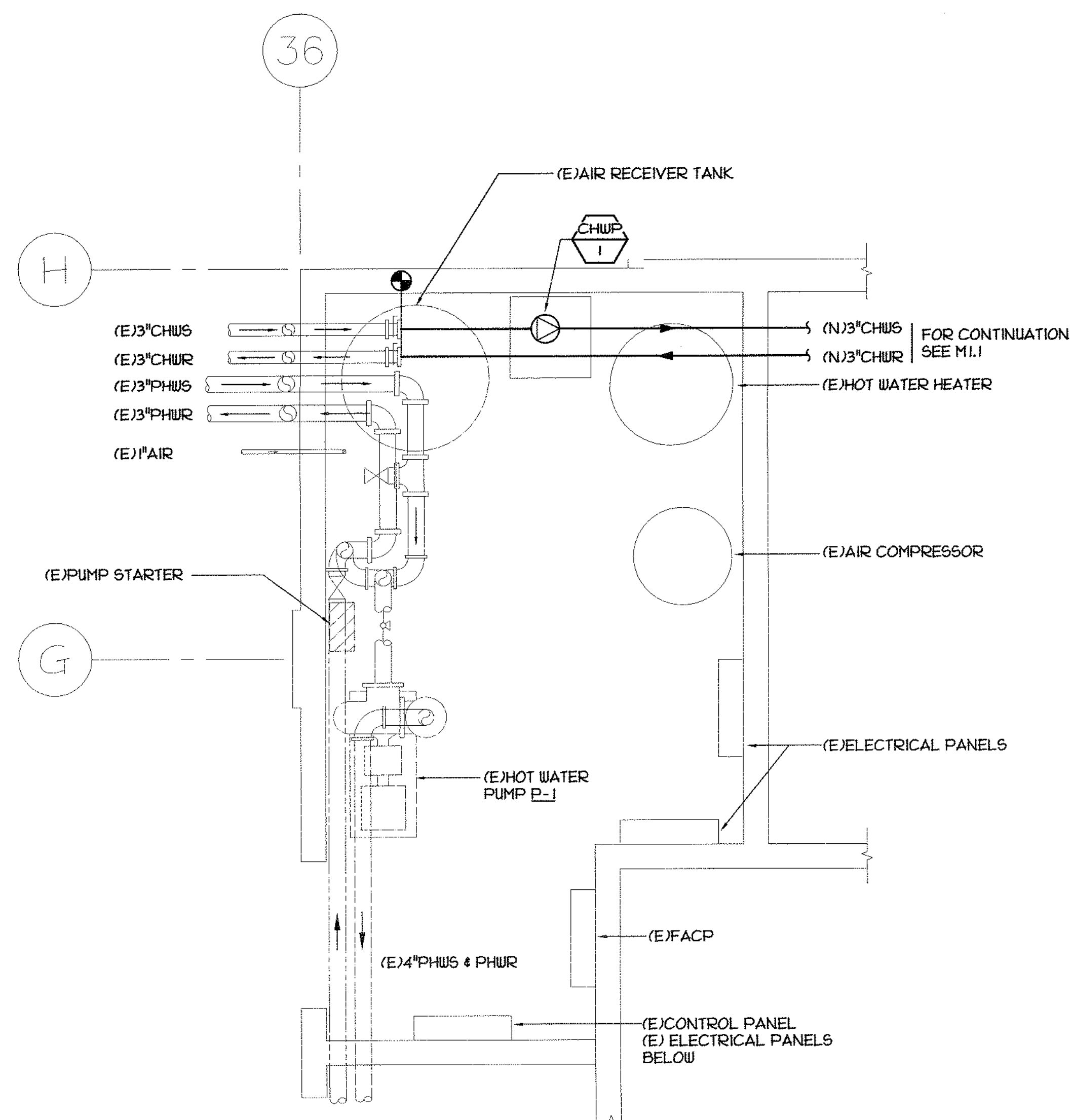
- SEE ARCHITECTURAL DRAWING A2.2 FOR ROOFING WORK. COORDINATE HVAC WORK WITH ROOFING WORK, INCLUDING THE NEW ROOFING BOARD WHICH ALTERS ROOF SLOPING IN SOME AREAS.

SHEET NOTES

- REINSTALL GRAVITY VENT ON (E) CURB AFTER ROOFING WORK IS COMPLETED. PROVIDE NEW S.M. COUNTERFLASHING AND CURB SEAL. SECURE VENT TO CURB W/ CORROSION-PROOF #10 WOOD SCREWS AT 12" O.C. MAX. ALL AROUND CURB.
- REINSTALL ROOF EXHAUST FAN ON (E) CURB AFTER ROOFING WORK IS COMPLETED. PROVIDE NEW S.M. COUNTERFLASHING AND CURB SEAL. SECURE FAN TO CURB W/ CORROSION-PROOF #10 WOOD SCREWS AT 12" O.C. MAX. ALL AROUND CURB.
- NEW ROOF EXHAUST FAN, SEE 2/M2.2 FOR MOUNTING DETAIL.



KEY PLAN



HVAC PARTIAL FLOOR PLAN

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

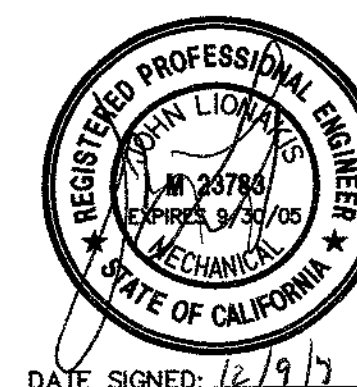
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M3.1

DREYFUSS & BLACKFORD

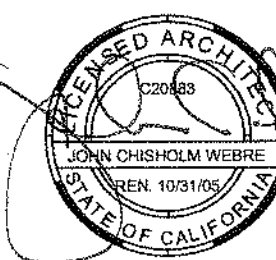
ARCHITECTS

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**CAPITAL ENGINEERING
CONSULTANTS, INC.**
RANCHO CORDOVA, CALIFORNIA
SIZ/NAB/KS/N/H 040525.00
DESIGNER/PROJECT PROJECT NO.



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DATE 12/9/07



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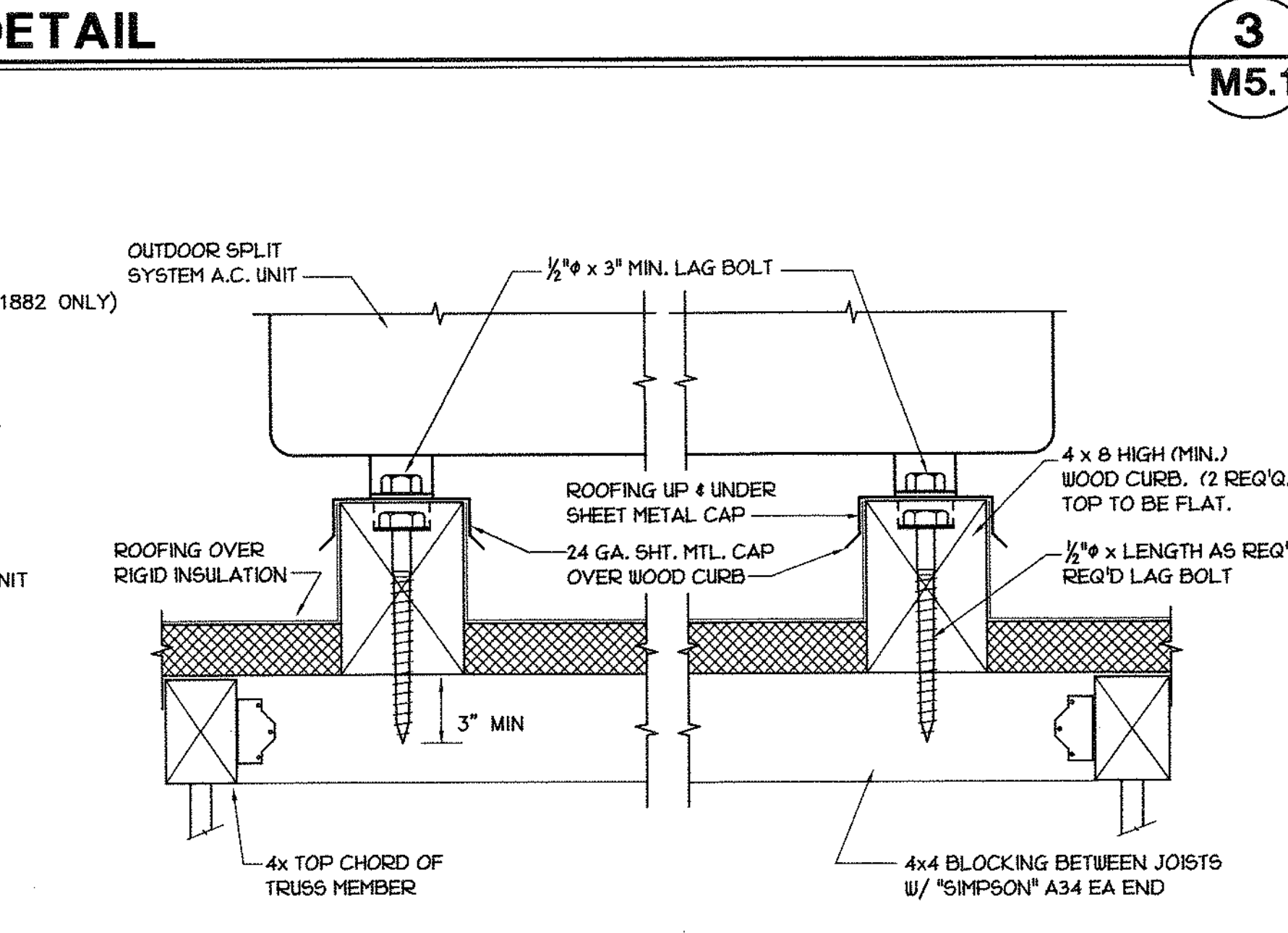
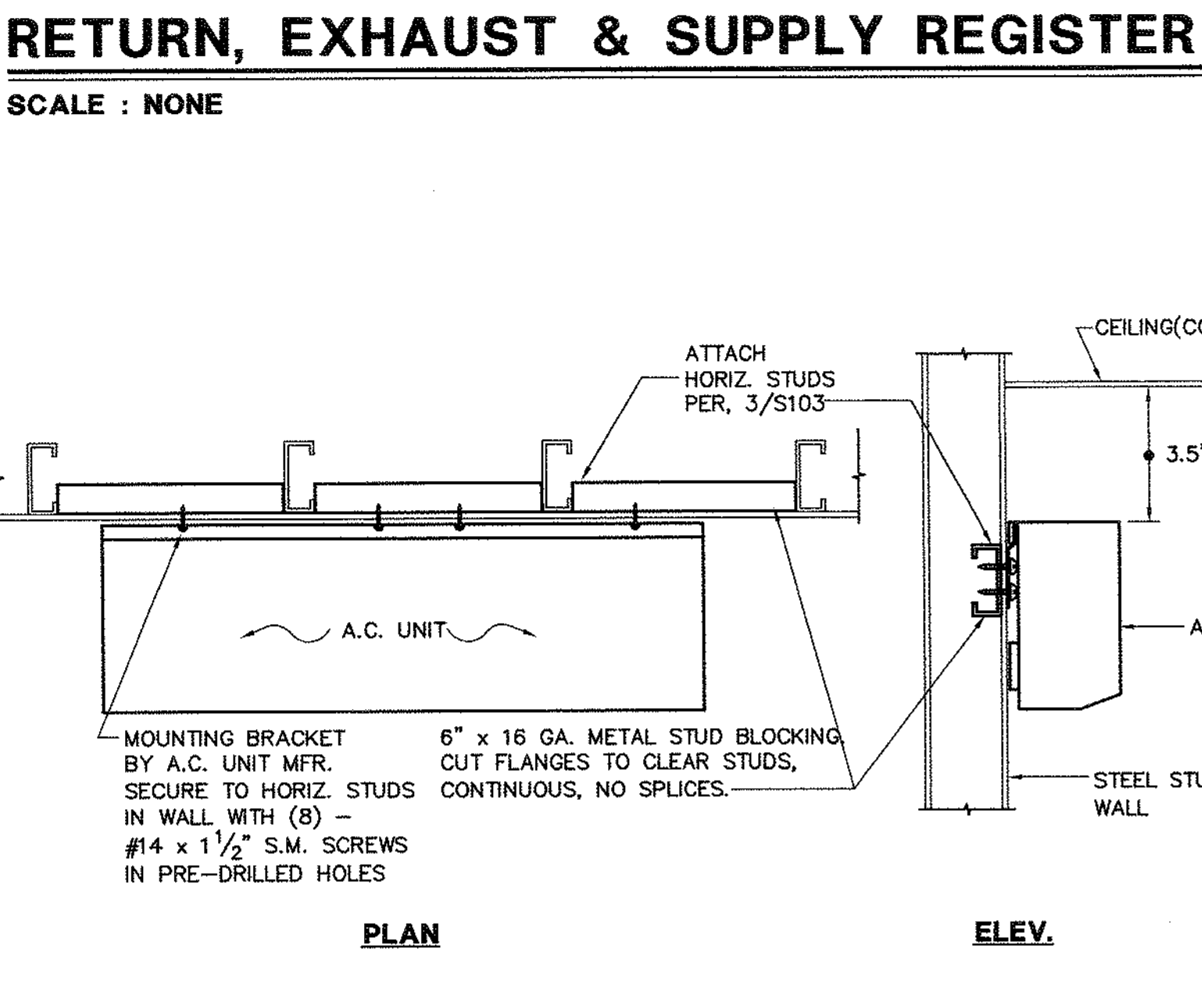
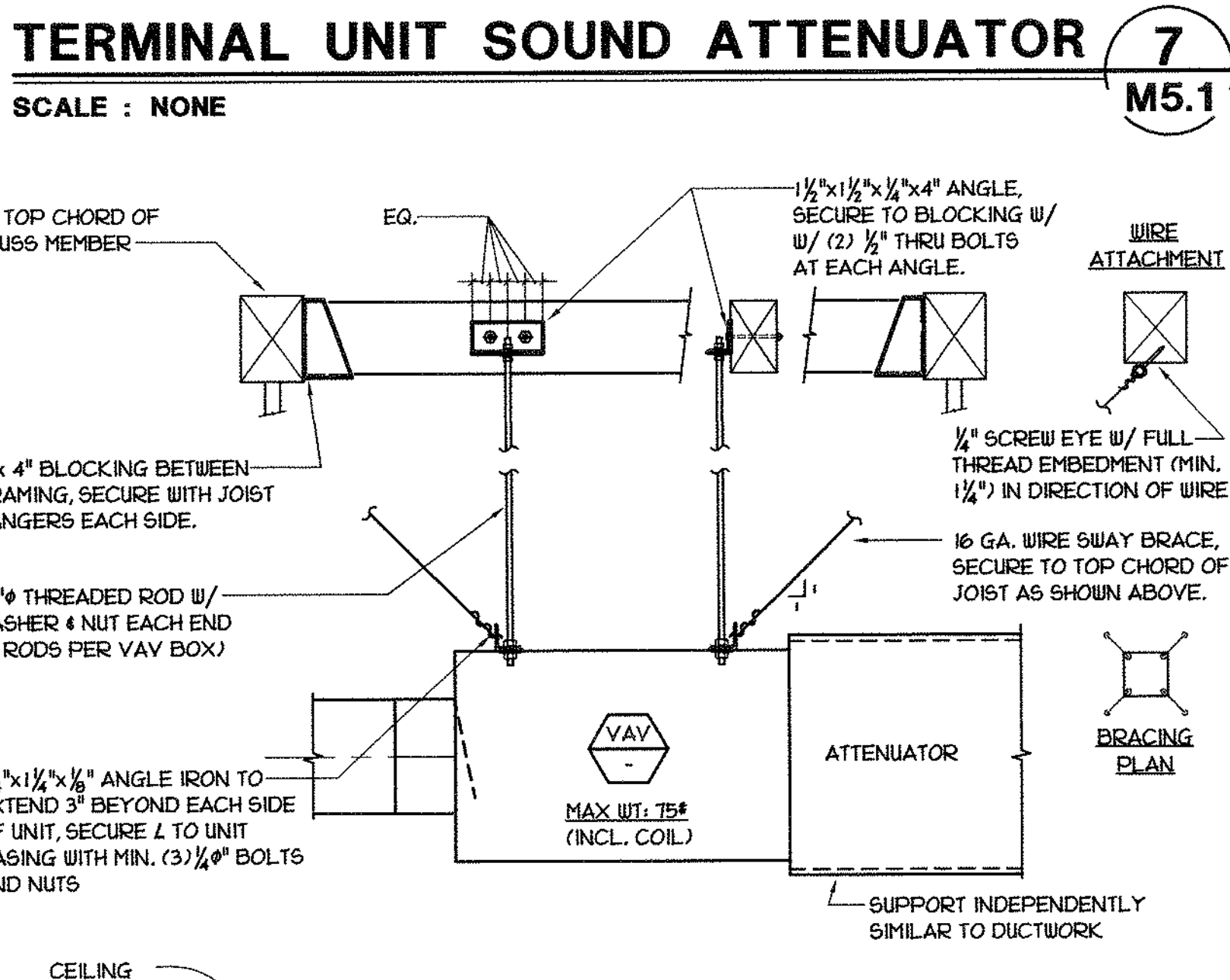
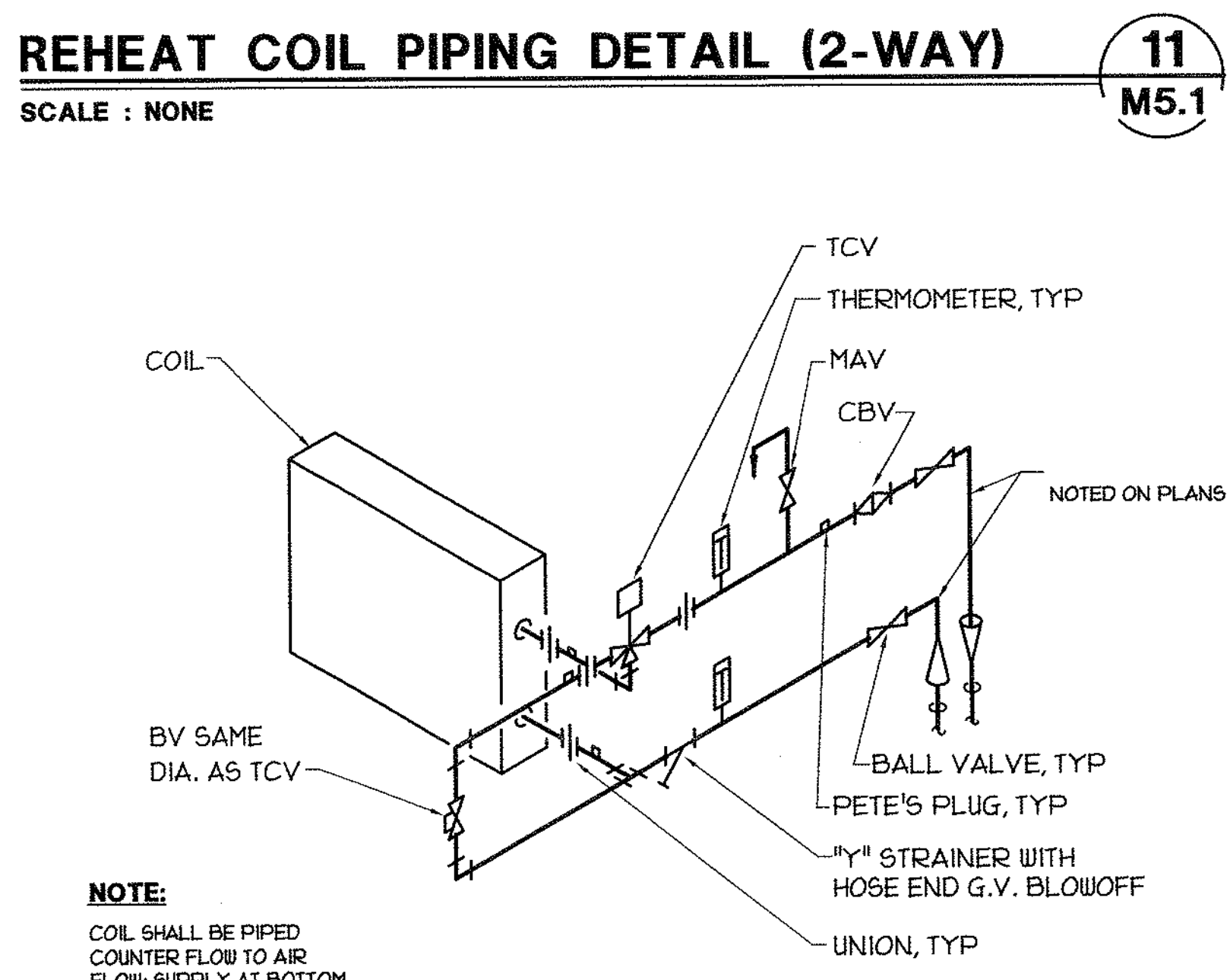
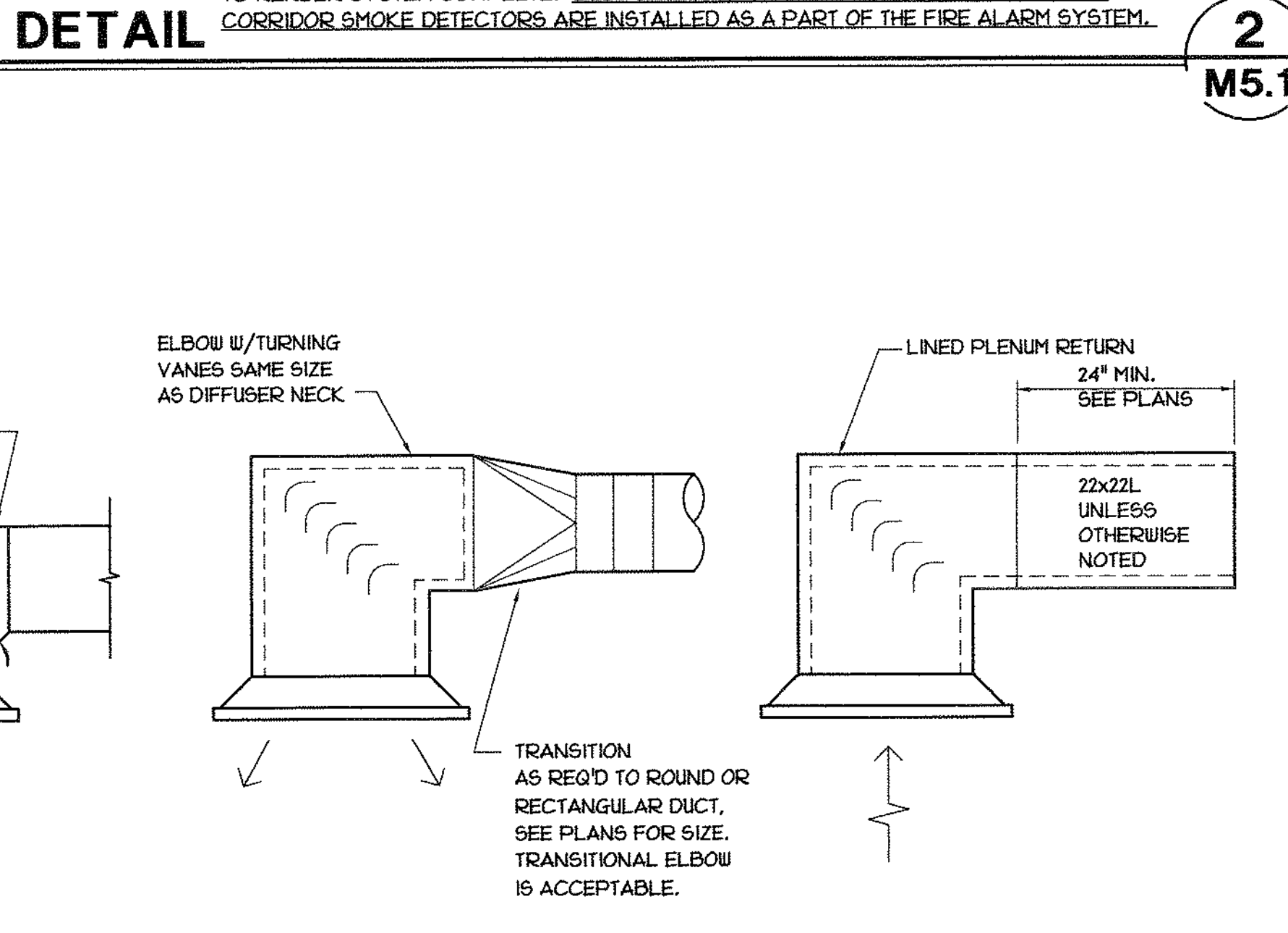
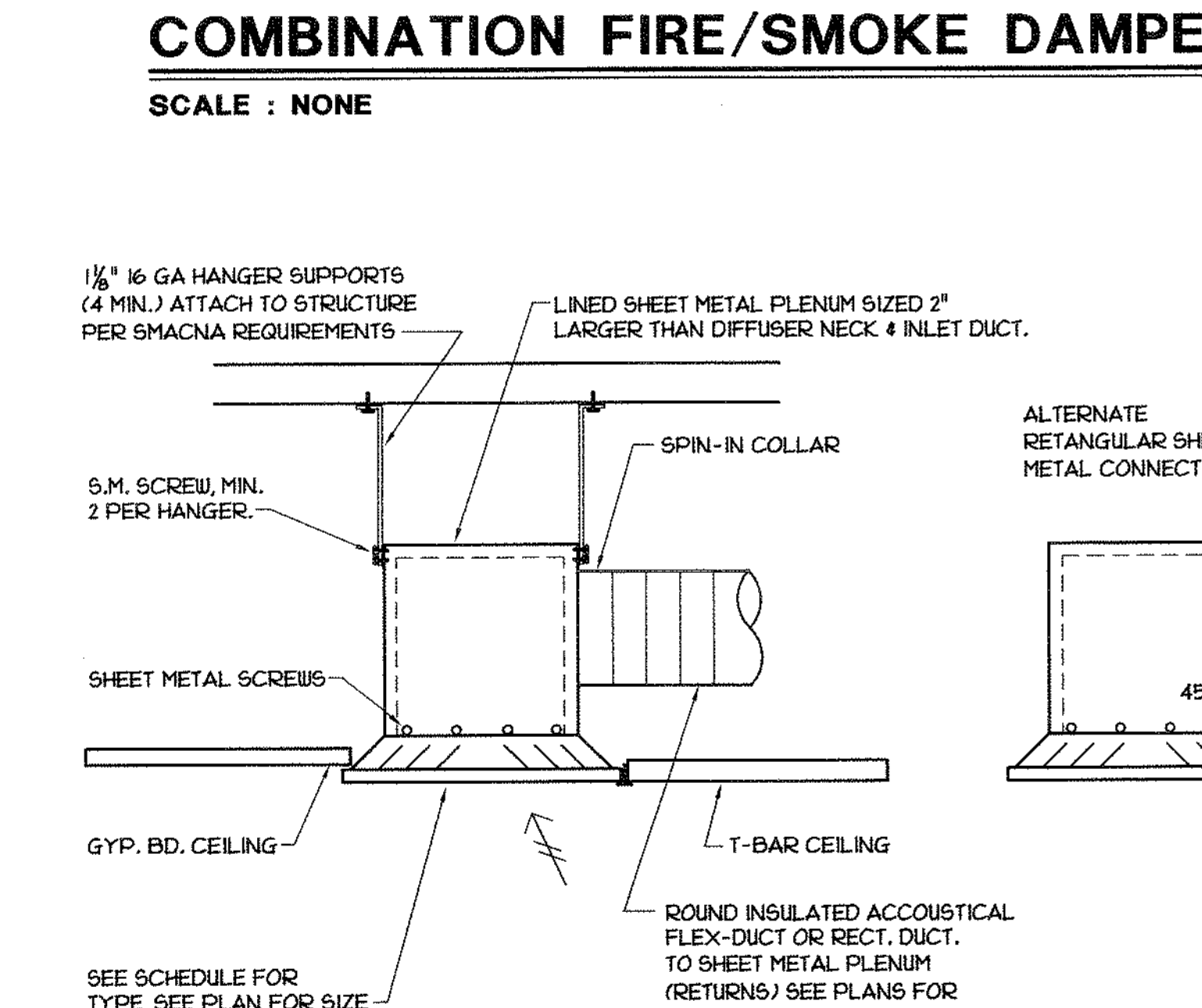
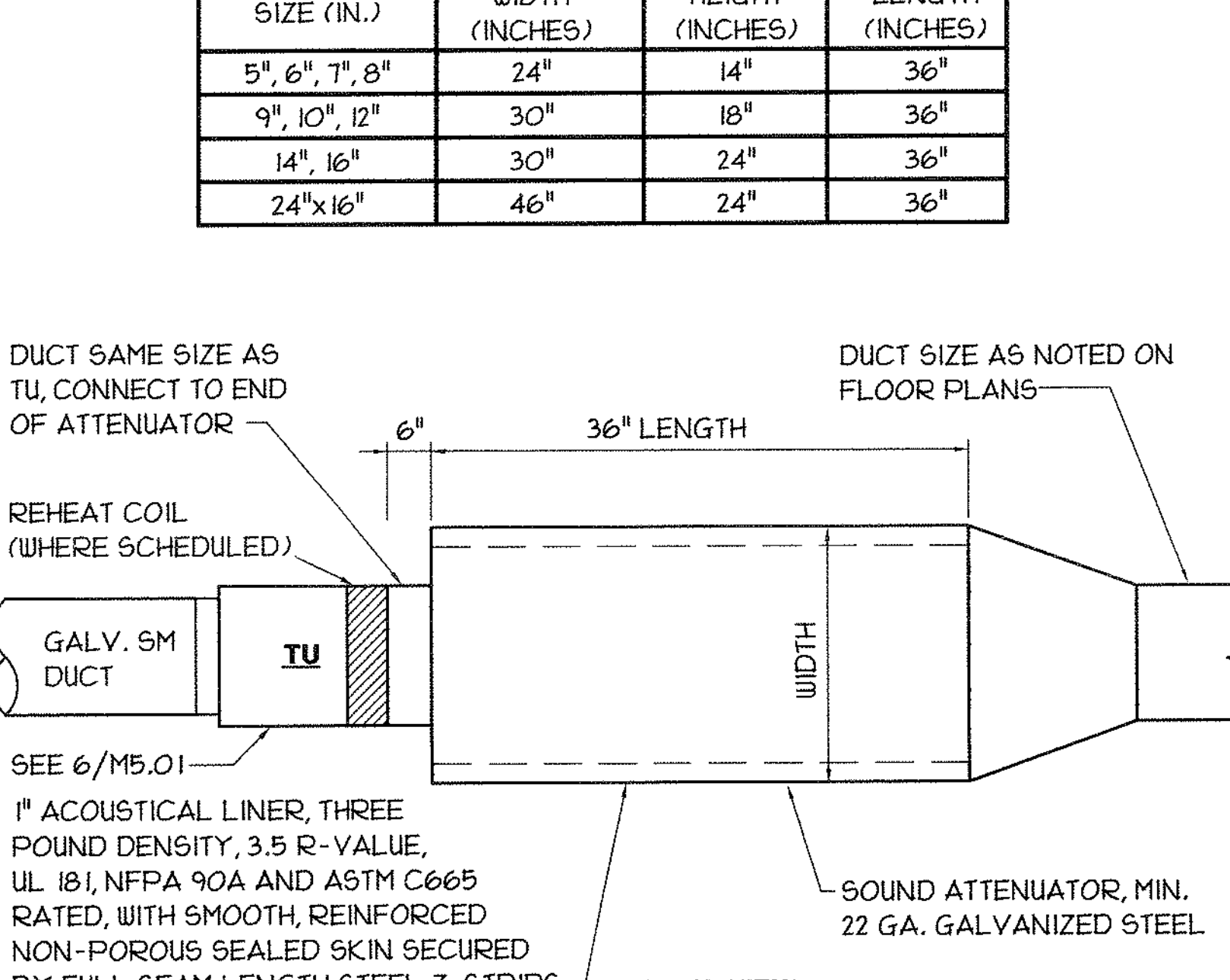
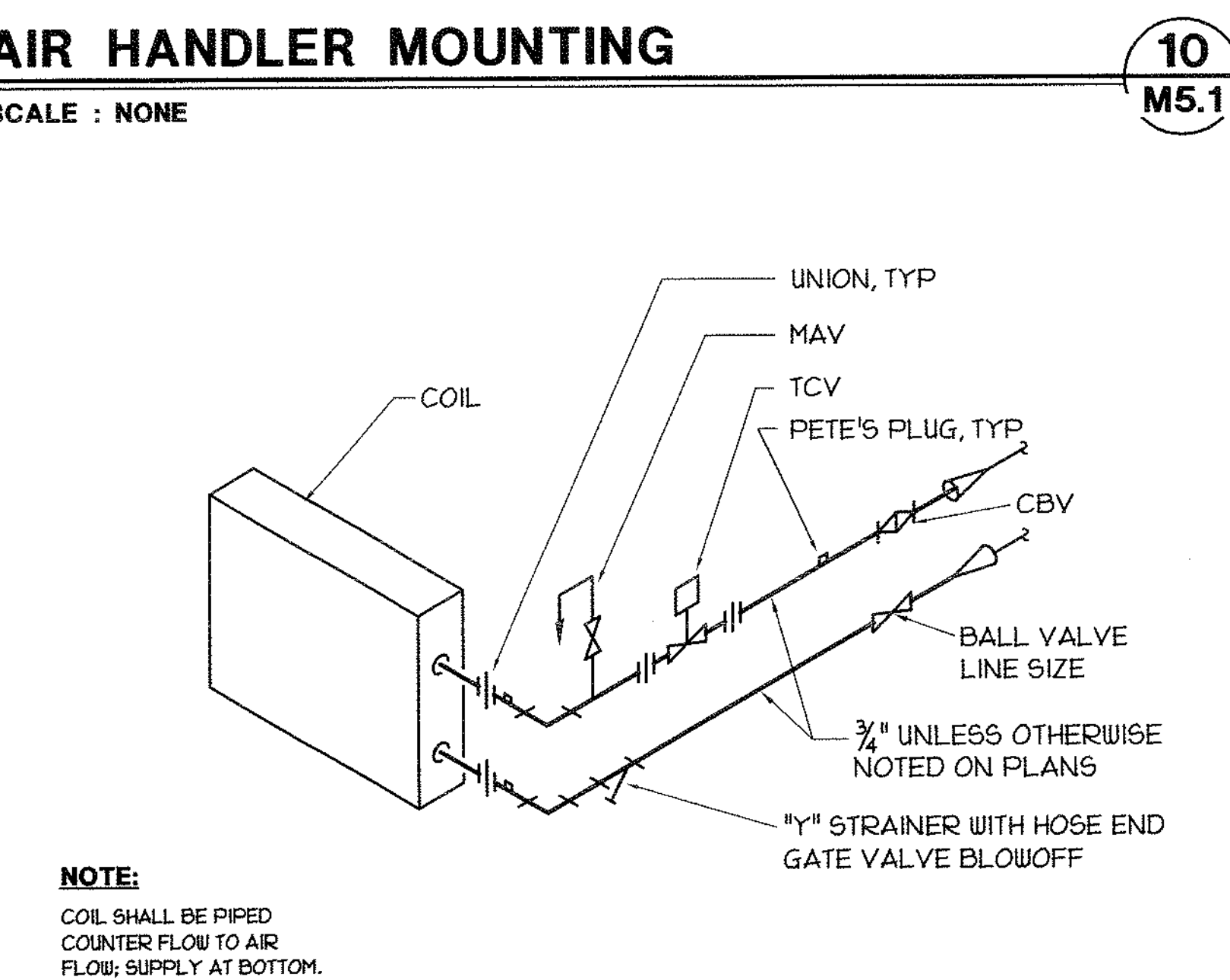
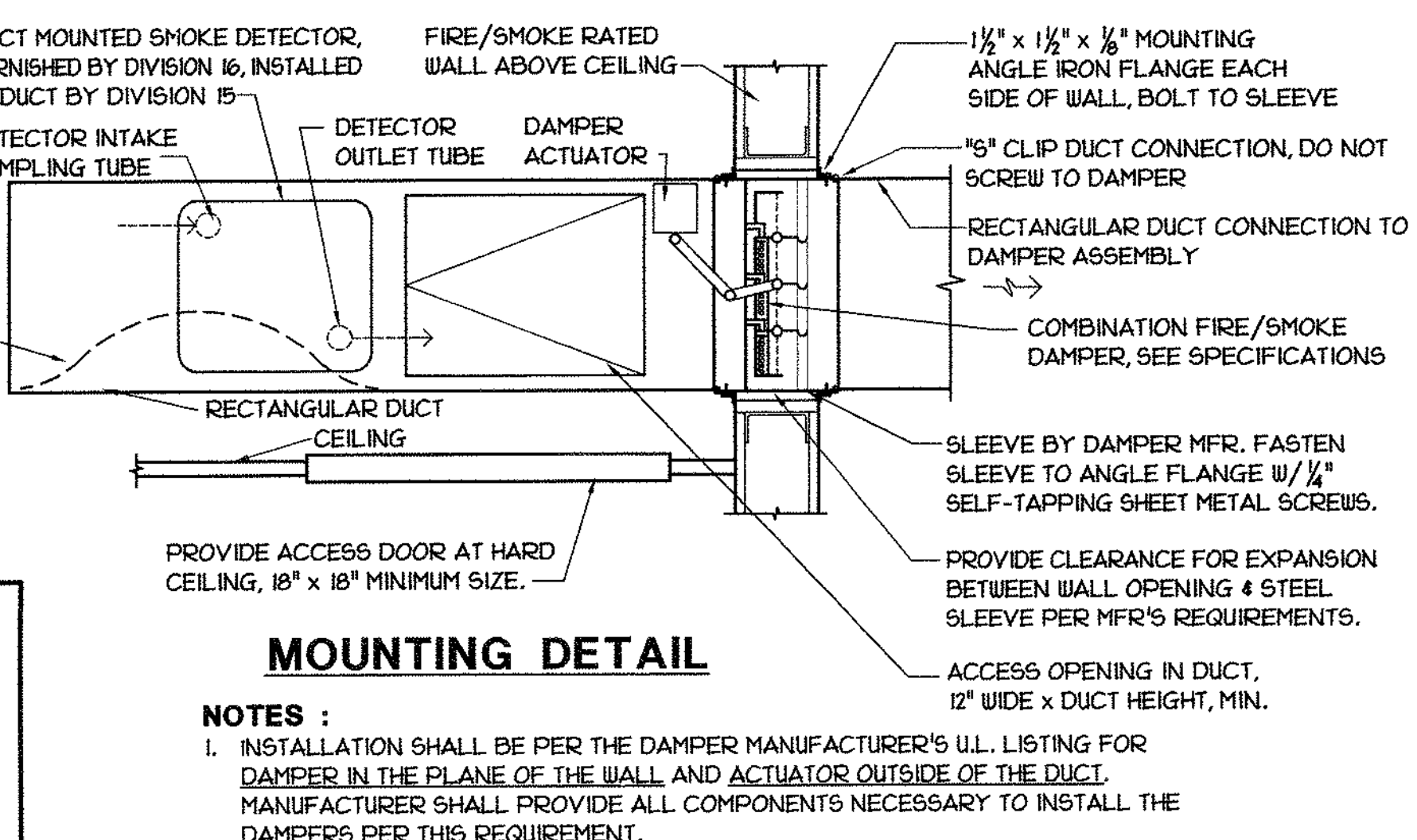
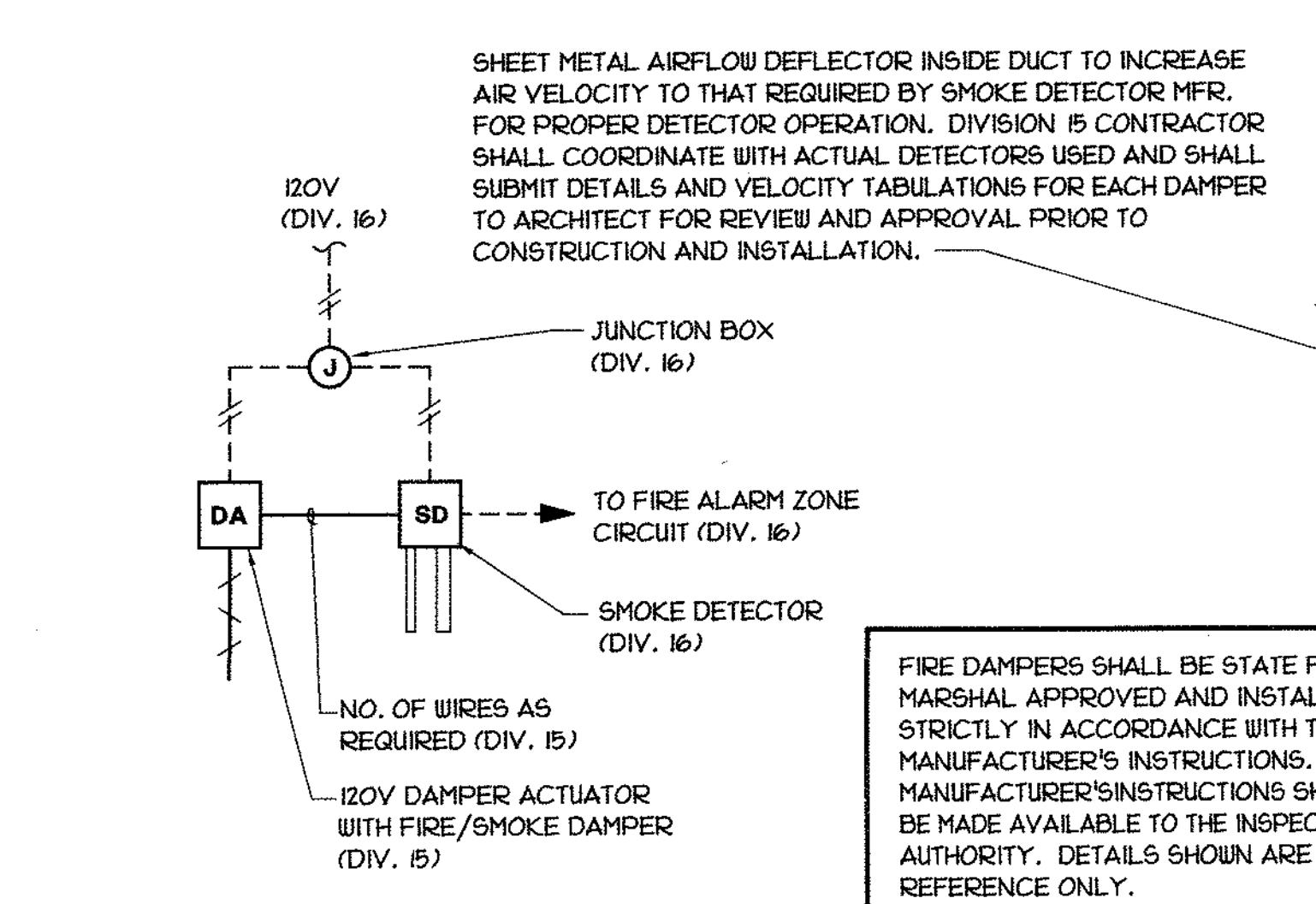
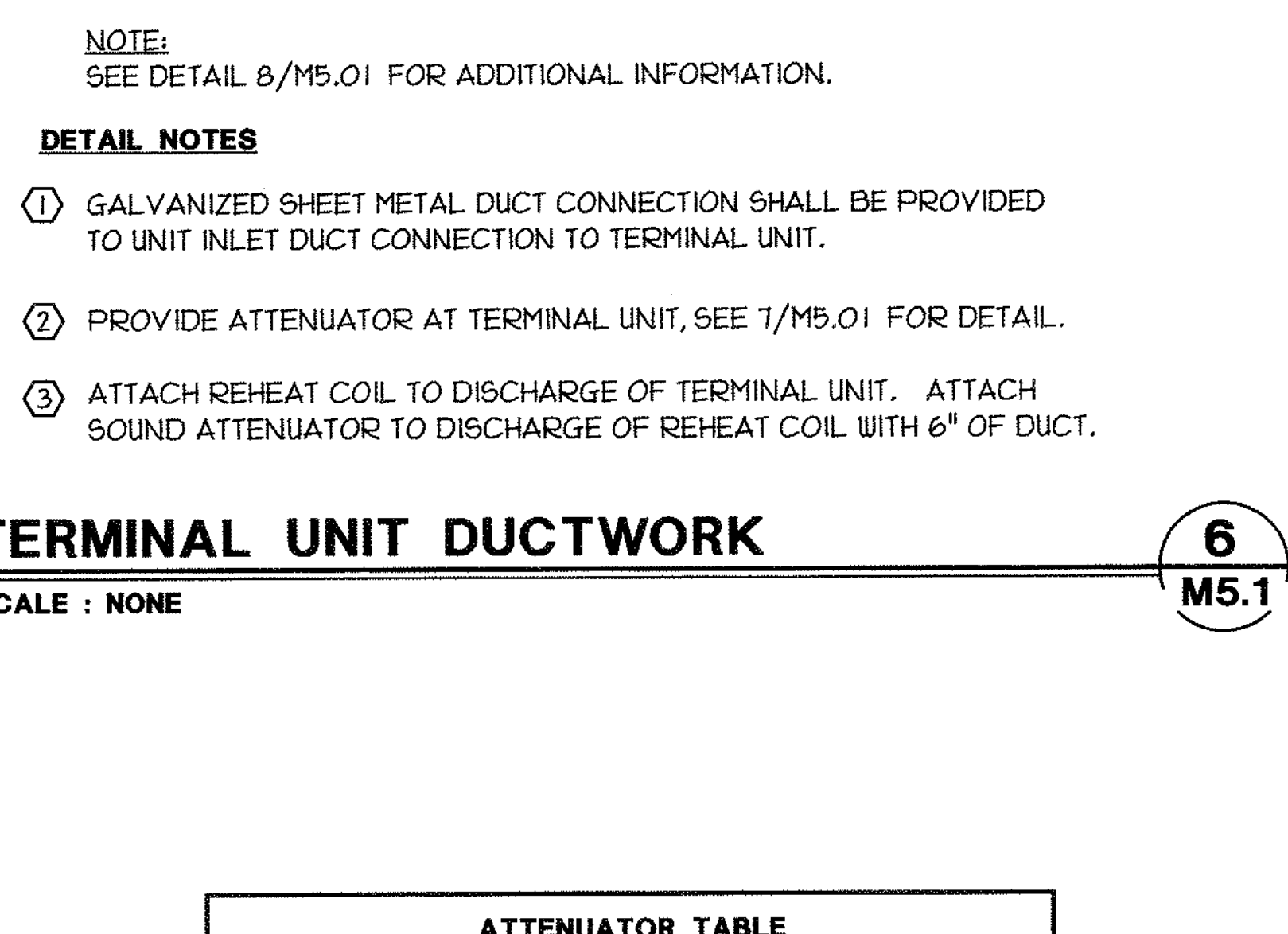
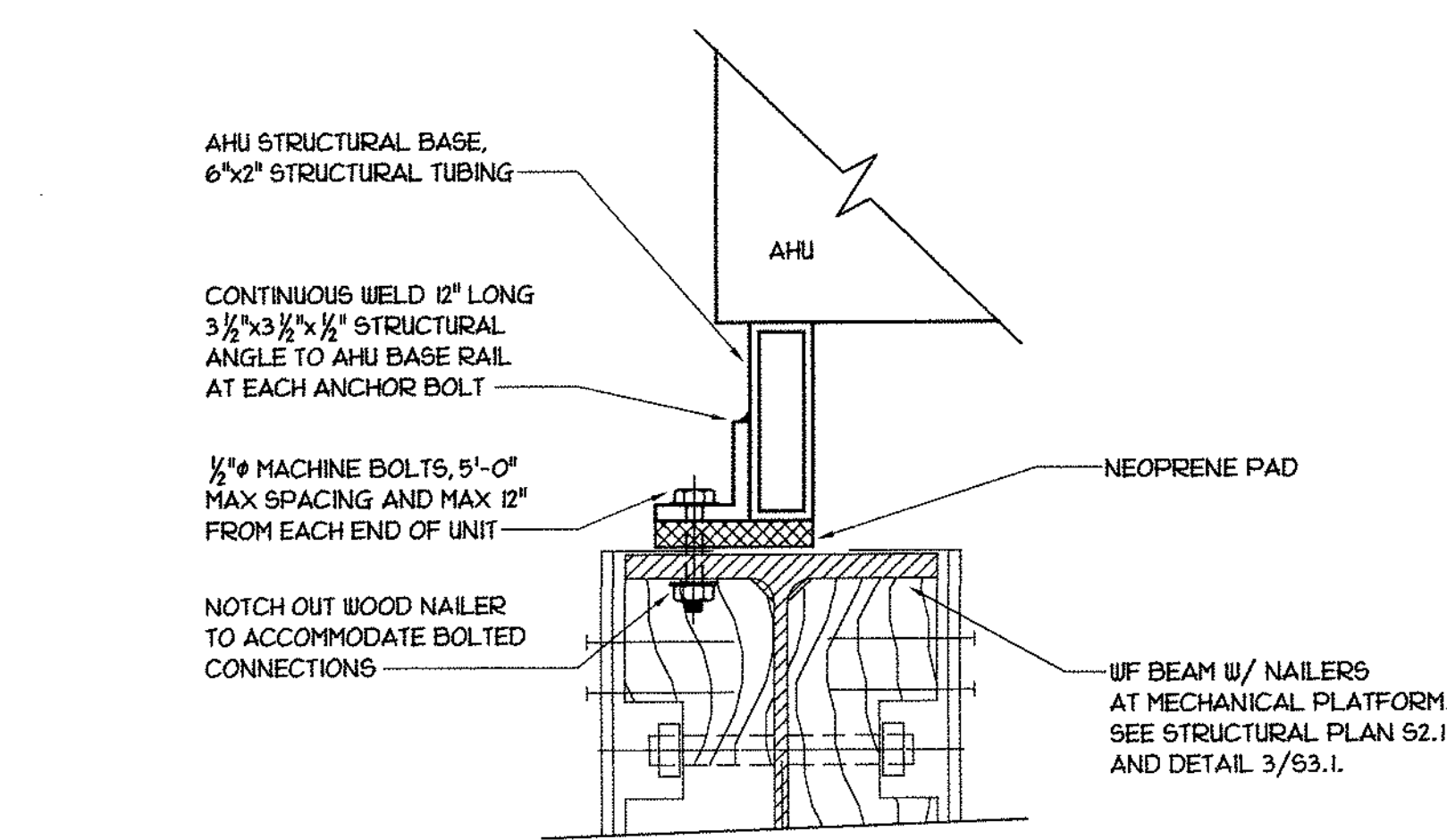
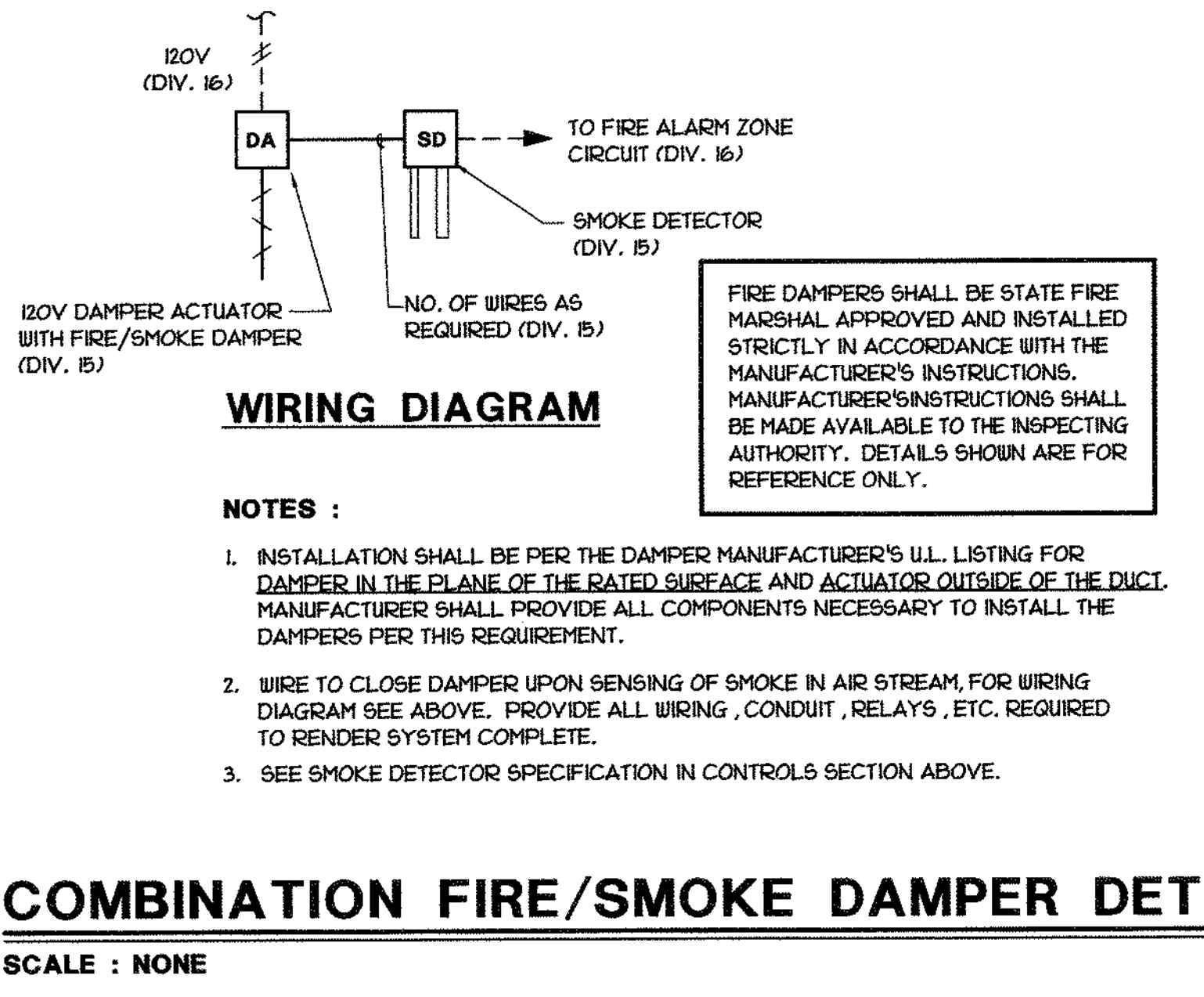
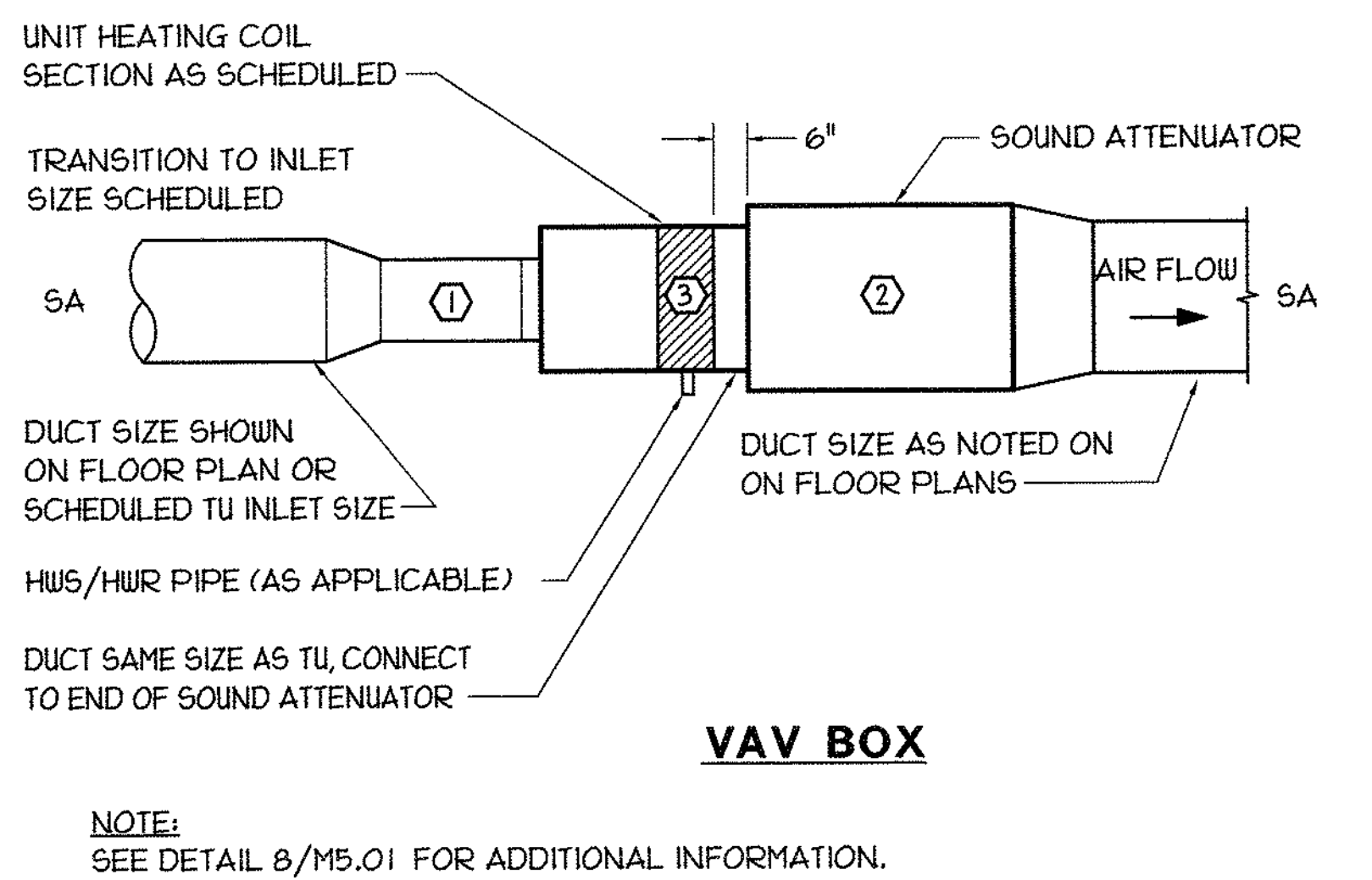
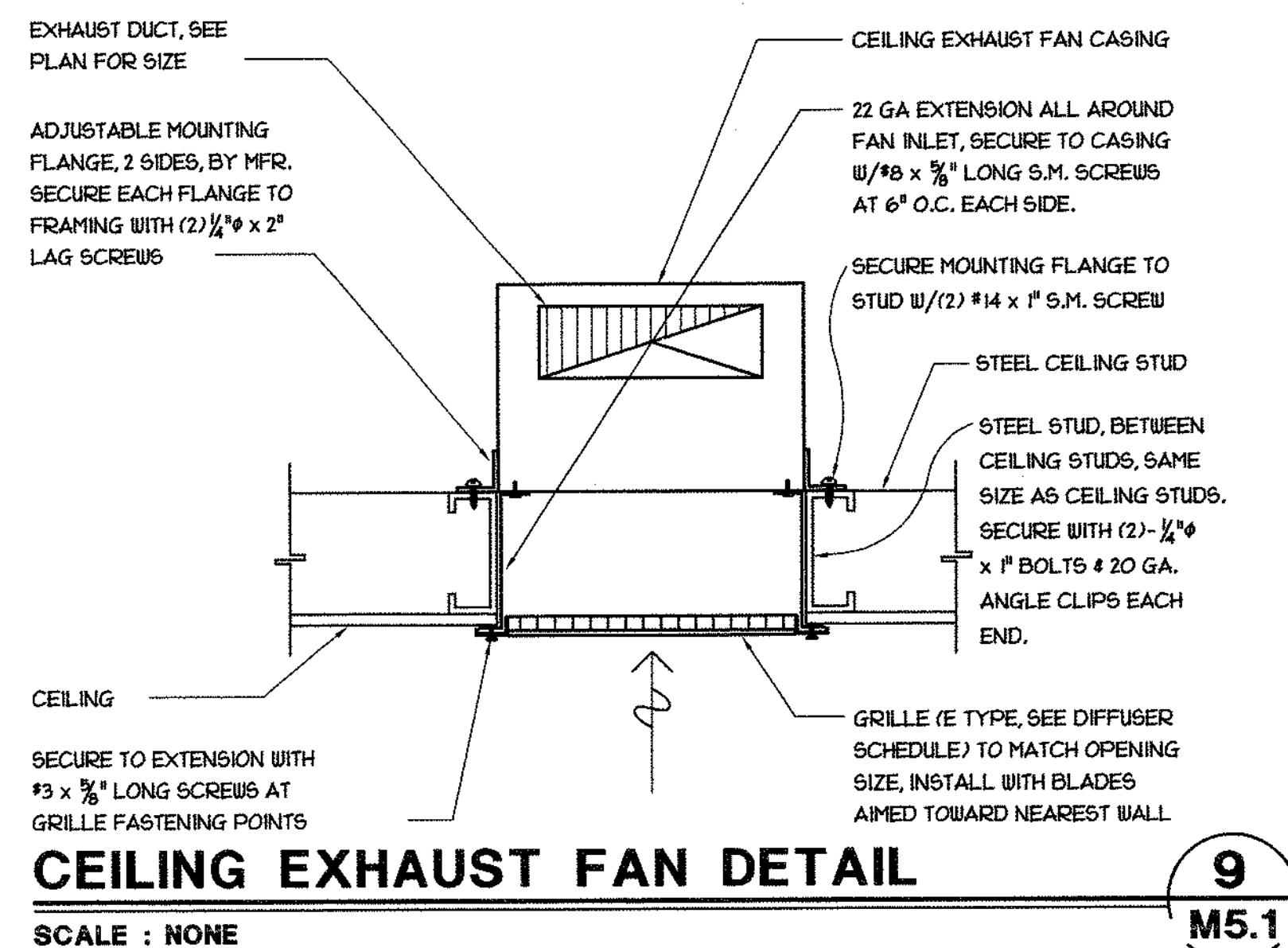
SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

HVAC PARTIAL
FLOOR PLAN

A4745.01

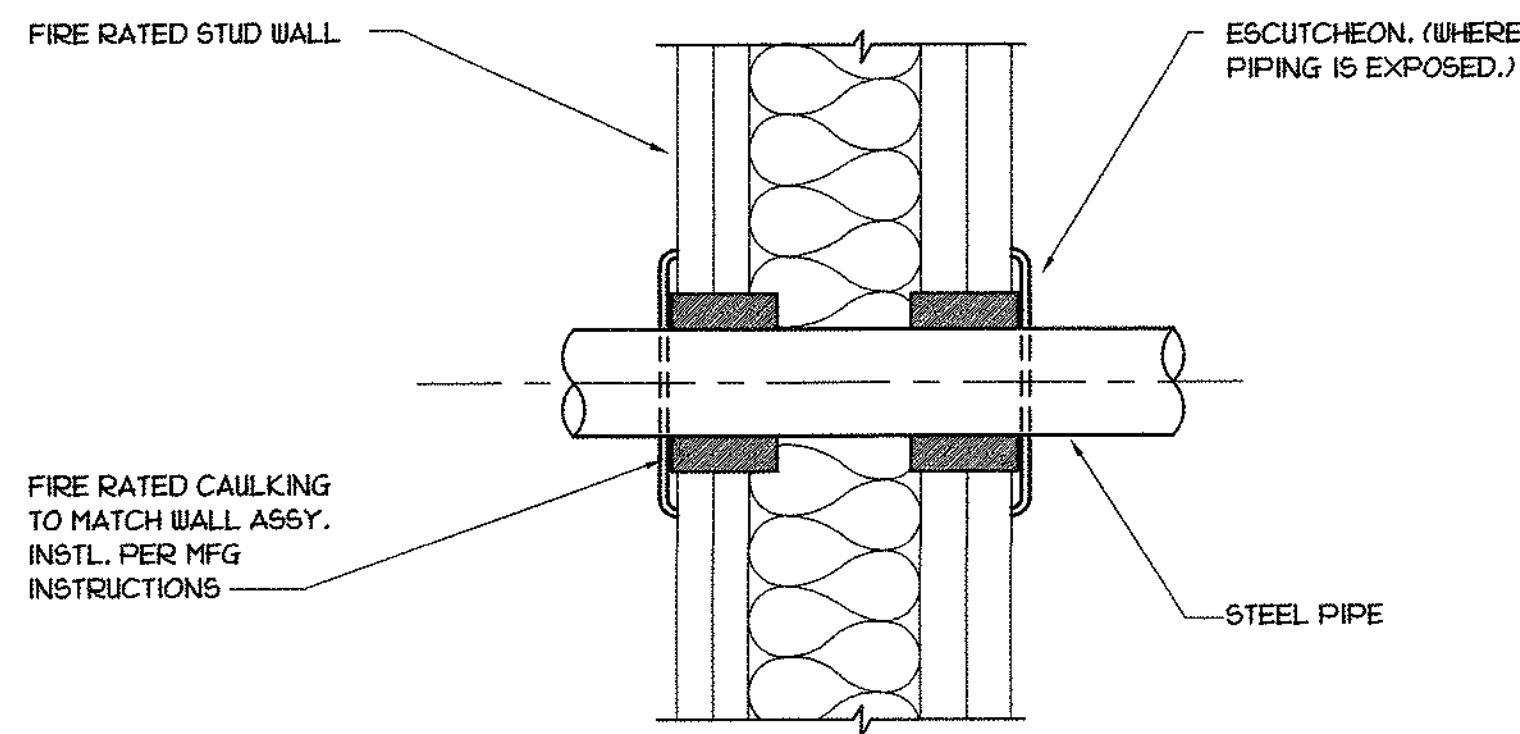
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M3.1





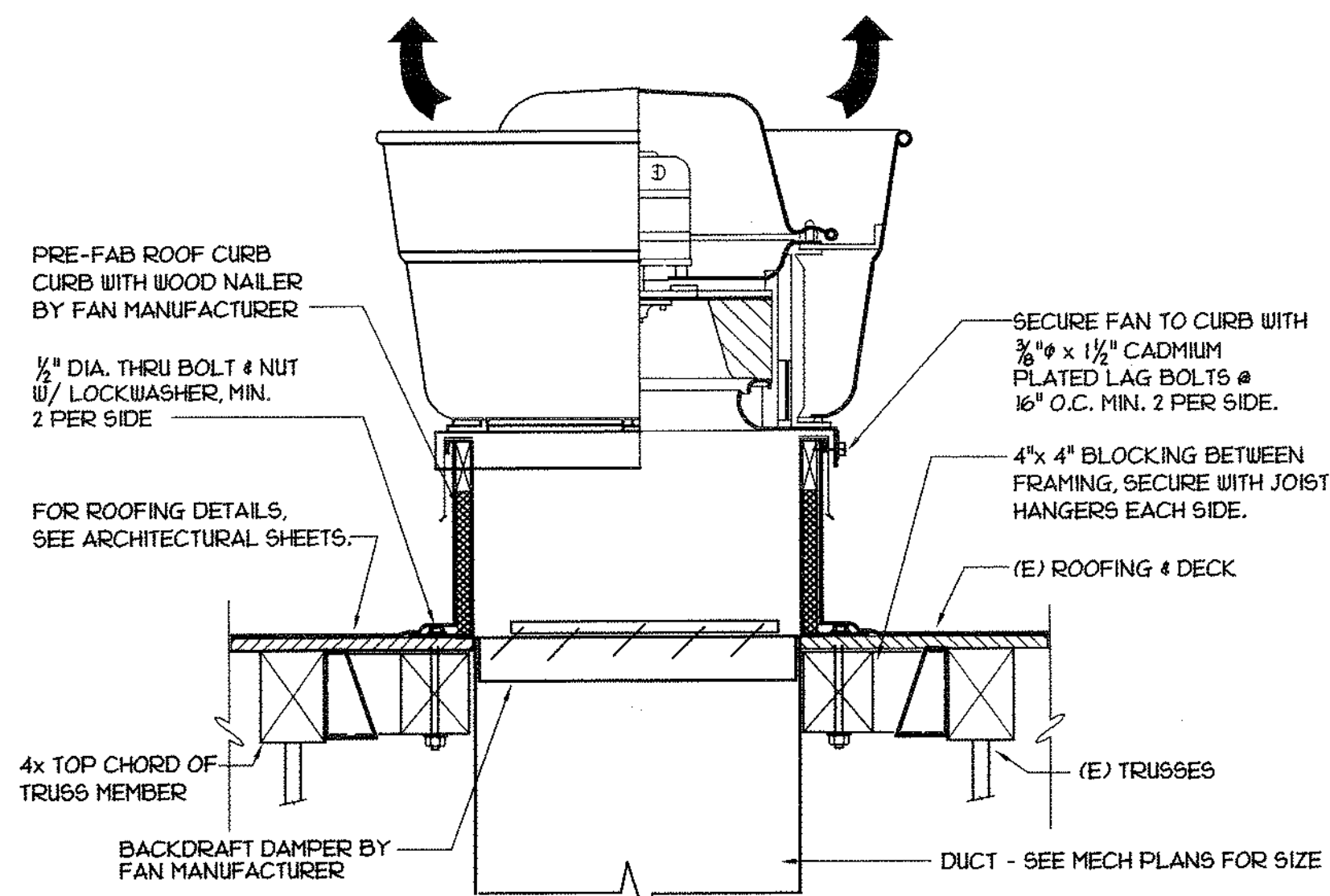
DATE SIGNED: 12/9/04



PIPE THRU FIRE RATED WALL

SCALE : NONE

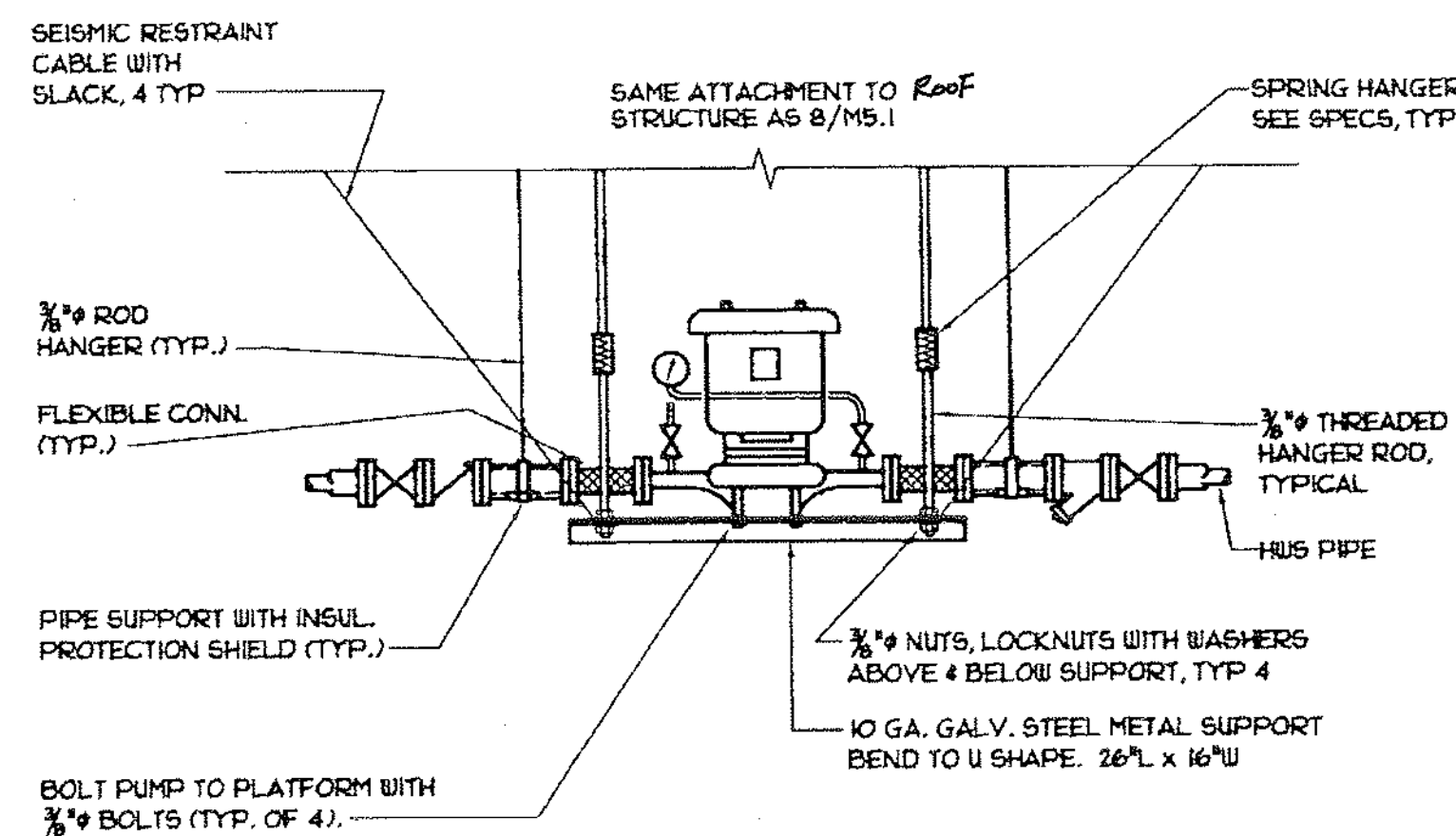
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M5.2



ROOF EXHAUST FAN MOUNTING

SCALE : NONE

2
M5.2

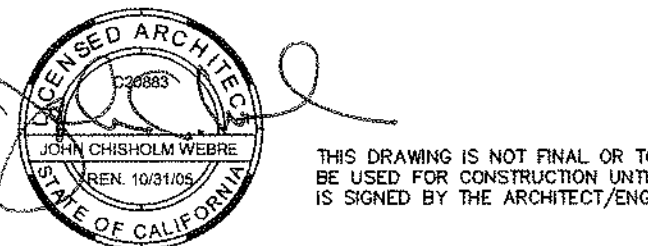


IN-LINE PUMP MOUNTING DETAIL

SCALE : NONE

1
M5.1

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A#02-106610 1/24/04
DATE 12/9/2004



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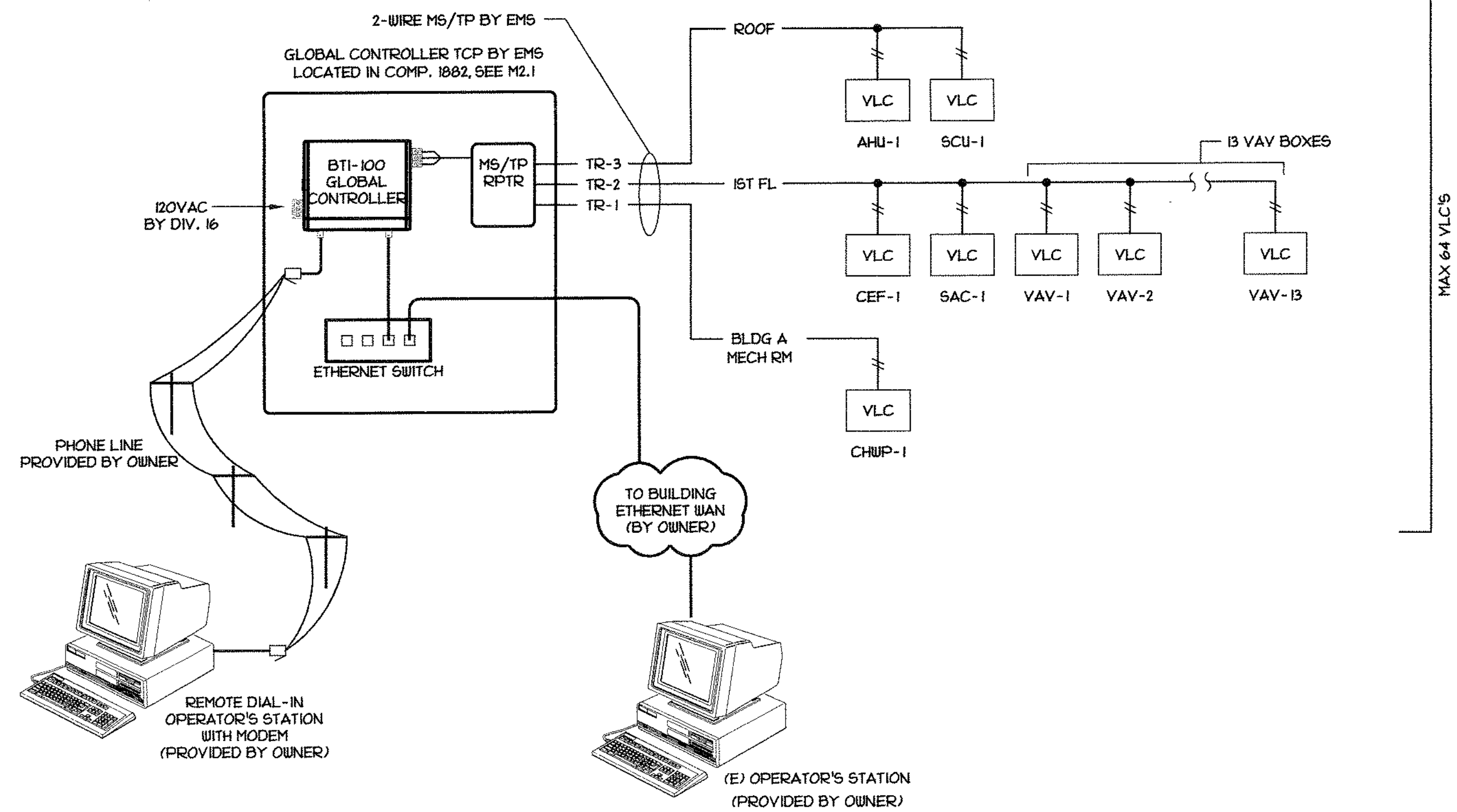
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INCREMENT #1

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DETAILS

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M5.2



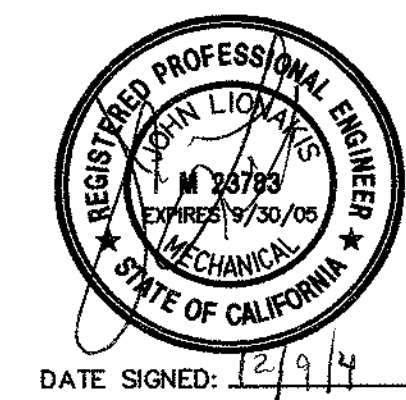
SYSTEM ARCHITECTURE

SCALE : NONE

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M6.1

DREYFUSS & BLACKFORD
ARCHITECTS
3540 FOLSOM BOULEVARD
SACRAMENTO, CALIFORNIA
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TELEPHONE 916 455-1234
FACSIMILE 916 455-1236

CAPITAL ENGINEERING
CONSULTANTS, INC.
RANCHO CORDOVA, CALIFORNIA
SZANABKS/VH
DESIGNER/PROJECT MANAGER
040525.00
PROJECT NO.



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A#02-106610 VCR#1
DATE 12/9/2014

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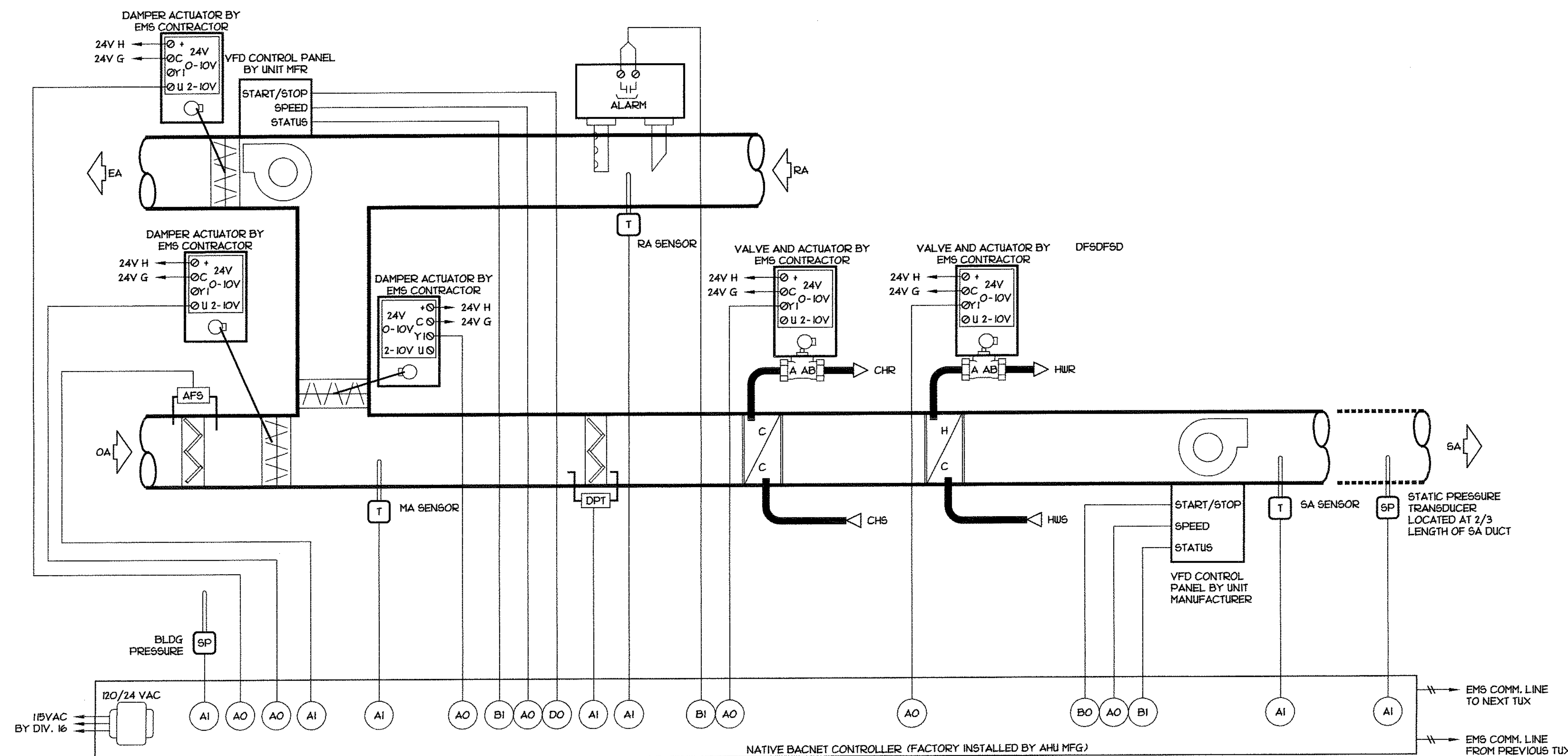
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INCREMENT #1

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CONTROLS

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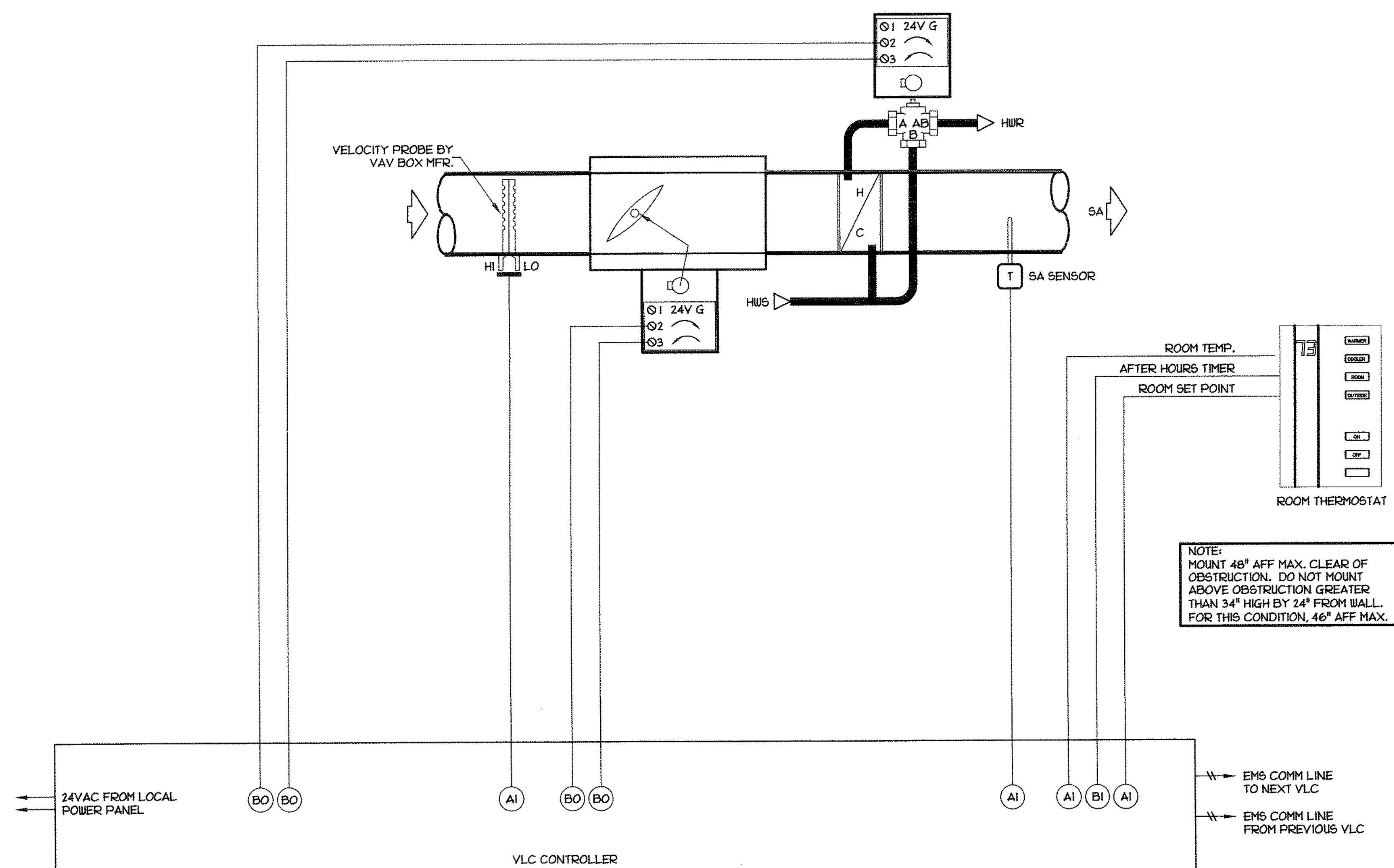
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SCALE : NONE

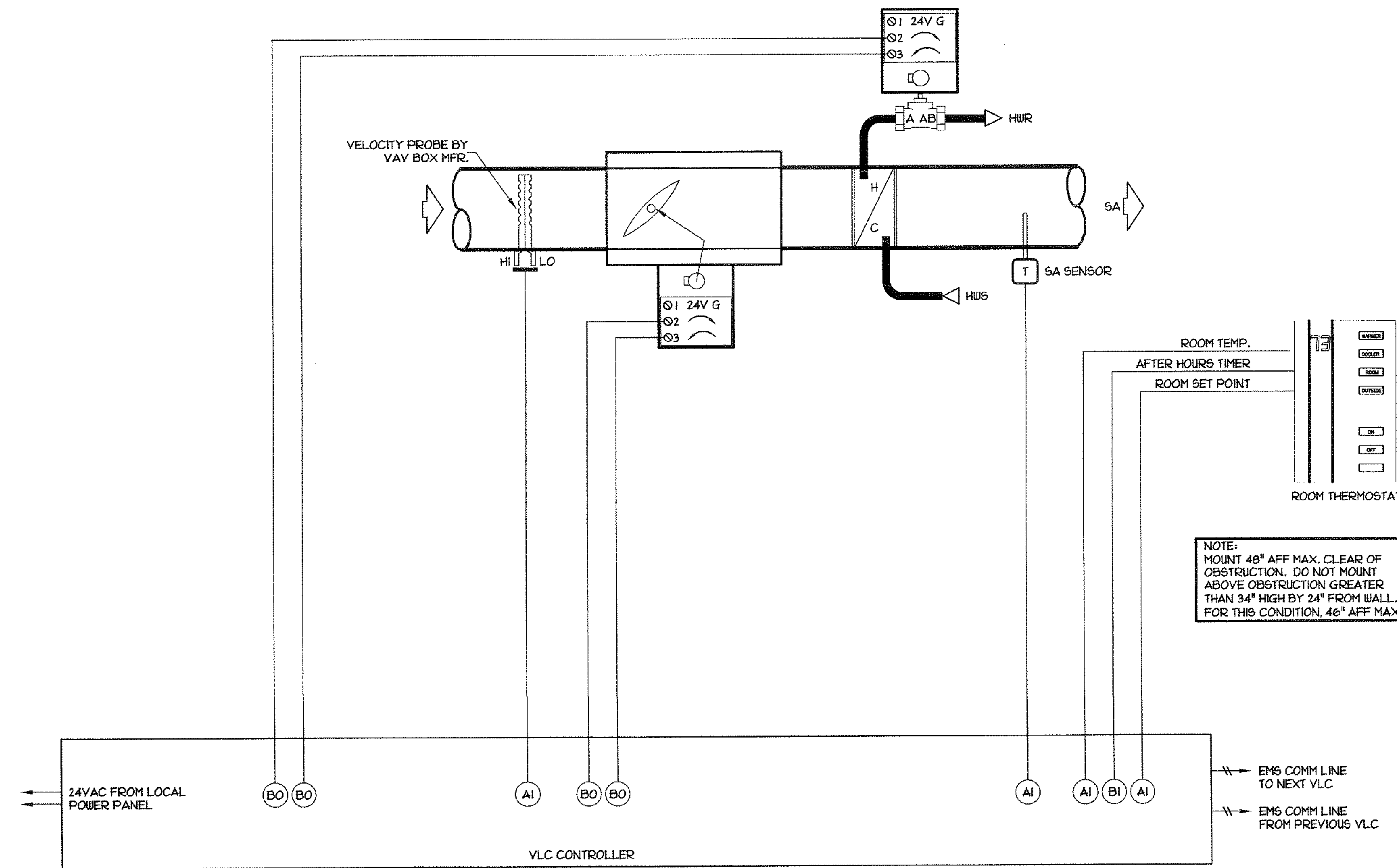
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M6.2



VAV AIR TERMINAL W/REHEAT 3-WAY

SCALE : NONE

3
M6.2



VAV AIR TERMINAL W/REHEAT 2-WAY

SCALE : NONE

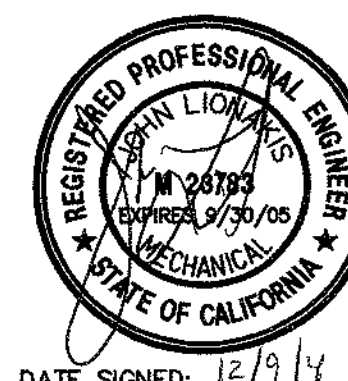
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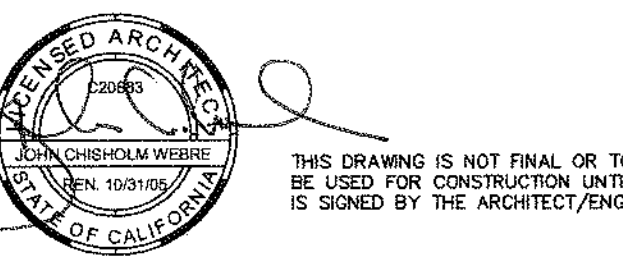
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DATE SIGNED: 12/19/14

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DATE 12/19/2014



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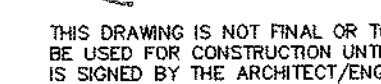
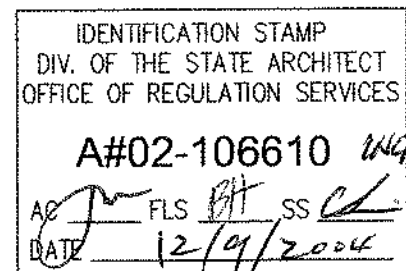
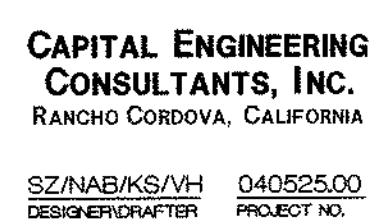
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SWING SPACE RENOVATION
INCREMENT #1

HVAC
CONTROLS

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M6.2



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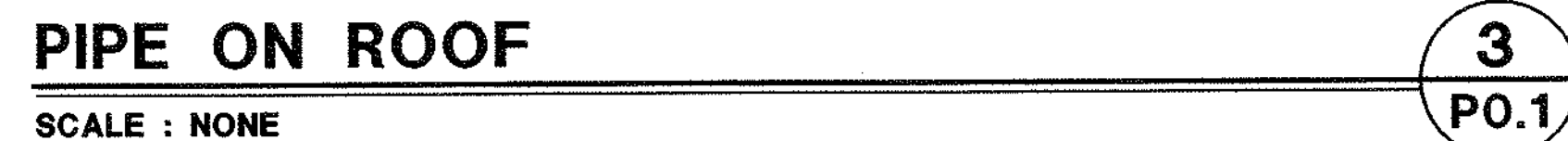
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BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

PLUMBING LEGENDS, SCHEDULES & NOTES

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P0.1



SYMBOL	ABBREVIATION	DESCRIPTION
	ABC	ABOVE CEILING
	AFF	ABOVE FINISHED FLOOR
	AF, BF	ABOVE FLOOR, BELOW FLOOR
	AD, AP	ACCESS DOOR, ACCESS PANEL
	AD	AREA DRAIN
	BV	BALL VALVE
		BRANCH - TOP CONNECTION
		BRANCH - BOTTOM CONNECTION
		BRANCH - SIDE CONNECTION
		CAP ON END OF PIPE
	COP	
	CB, RO	CATCH BASIN, ROOF DRAIN
		CENTER LINE
	CW	COLD WATER
	AIR	COMPRESSED AIR
	AGC	COMPRESSED AIR QUICK CONNECT FITTING
	APRA	COMPRESSED AIR PRESSURE REDUCING ASSEMBLY
	CR	CONCENTRIC REDUCER
	CD	CONDENSATE DRAIN LINE
	CO	CLEANOUT
		DEGREES FAHRENHEIT
		DIAMETER, SQUARE (FEET)
	DF	DRINKING FOUNTAIN
		EXISTING TO BE REMOVED
	F	FIRE PROTECTION WATER SUPPLY
	FU	FIXTURE UNIT
	FCO	FLOOR CLEANOUT
	FD	FLOOR DRAIN
	FS	FLOOR SINK
		FLOW IN DIRECTION OF ARROW
	FV, FT	FLUSH VALVE, FLUSH TANK
	(FA), (TA)	FROM ABOVE, TO ABOVE
	(FB), (TB)	FROM BELOW, TO BELOW
	GV	GATE VALVE
	GPM	GALLONS PER MINUTE
	GLV	GLOBE VALVE
	GCO	GRADE CLEANOUT
	HB	HOSE BIBB
	HW	HOT WATER PIPING
	D	INDIRECT DRAIN, CONDENSATE DRAIN
	(N), (E)	NEW, EXISTING
	(NTS)	NOT TO SCALE
	OH	OVERHEAD
	POC	POINT OF CONNECTION
	P & TRV	PRESSURE & TEMPERATURE RELIEF VALVE PIPING
	RUL	RAINWATER LEADER
	RV or P&TRV	RELIEF VALVE OR PRESSURE & TEMPERATURE RELIEF VALVE
	(R), (D)	RISE, DROP
		RISER DOWN (ELBOW)
		RISER UP (ELBOW)
	R, D	RISE OR DROP
	RD	ROOF DRAIN
	S, W	SOIL, WASTE OR SANITARY SEWER ABOVE FLOOR
	S, W	SOIL, WASTE OR SANITARY SEWER BELOW FLOOR
	SD	STORM DRAIN
	TYP	TYPICAL
	UN	UNION OR FLANGE
	V	VENT PIPING
	V, VR, VTR	VENT, VENT RISER, VENT THRU ROOF
	WCO	WALL CLEANOUT
	WO	WASTE OIL
	WOV	WASTE OIL VENT
	FDC	FIRE DEPARTMENT CONNECTION

PLUMBING FIXTURES									
FIXTURE	SYMBOL	BASIS OF DESIGN	VENT	WASTE		COLD WATER		HOT WATER	
				BRANCH	OUTLET	BRANCH	OUTLET	BRANCH	OUTLET
SERVICE SINK, 3" EXISTING RELOCATED	SS-1	(N) ~~IRB~~ CHICAGO 891-RCF FAUCET WITH ROUGH CHROME FINISH, VACUUM BREAKER AND ADJUSTABLE TOP BRACE, AND HOSE. (N) ~~ACCESSORIES~~ STAINLESS STEEL MOP HANGER WITH 3 SPRING LOADED GRIPS.	2"	3"	3"	3/4"	3/4"	3/4"	3/4"
DRINKING FOUNTAIN WALL MOUNTED ADA/STANDARD DUAL HEIGHT NEW	DF-1	"H485" 119.14, STAINLESS STEEL DUAL HEIGHT, WALL MOUNTED WITH STAINLESS STEEL BACK PANEL. SUBSIST: MODEL 6700-4 MOUNTING PLATE AND 6800 SUPPORT CARRIER. PROVIDE MANUFACTURER'S INTERNAL SUPPORT SYSTEM.	1 1/2"	2"	1 1/2"	3/4"	1/2"	-	-
HOSE BIBB NEW	HB	"ACORN" MODEL Ø126 ROOF MOUNTED	-	-	-	3/4"	3/4"	-	-
ROOF DRAIN OVERFLOW NEW	RD/OF	JAY R SMITH COMBINATION UNIT 5Q- 1-1481-1-42 PROVIDE 32" x 16" NOMINAL SIZE SUPPORT PLATE, WITH UNDERDECK CLAMP AND CAST IRON VANDAL PROOF TOP. PROVIDE CAST IRON VANDAL PROOF DOME TYPE STAINER INLET FOR OVERFLOW.	-	2	2	-	-	-	-

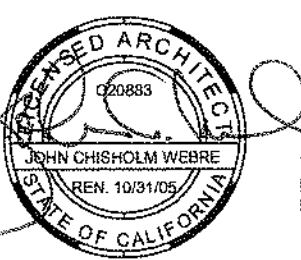
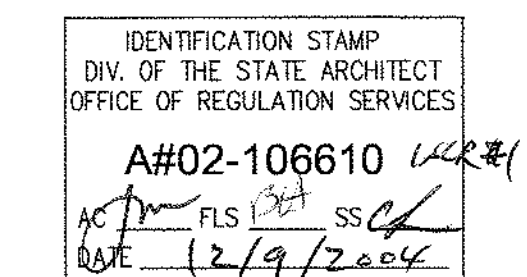
INSTANTANEOUS WATER HEATER							
UNIT	LOCATION	EEMAX MODEL NO.	ΔT TEMP. RISE AT FLOW RATE	MAX. TEMP SETTING	ELECTRICAL	DETAIL	NOTES
	JANITOR RM @ COLUMBIA AB	EX180T3	45°F 2 GPM	115	480V/3 PH 22 AMP/5 13 KW MIN		--

PLUMBING GENERAL NOTES

1. FIELD VERIFY EXACT SIZES, LOCATIONS AND ELEVATIONS OF ALL PIPING CONNECTIONS, OTHER WORK, ETC., PRIOR TO INSTALLING OF ANY NEW WORK.
2. COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO SAW CUTTING SLAB, OR INSTALLING PIPING AND ASSOCIATED ITEMS.
3. OFFSET ALL RISERS AND DROPS TO AVOID PENETRATIONS AT TOP PLATES.
4. ALL MECHANICAL UNITS ARE SHOWN FOR REFERENCE AND COORDINATION ONLY. SEE "M" SHEETS.
5. KEEP VTRS A MINIMUM OF 10 FEET FROM AIR INTAKES AND 4 FEET MINIMUM FROM OUTSIDE WALLS.
6. ALL VALVES SHALL BE LINE SIZE.
7. PENETRATION OF PIPES, CONDUIT, ETC., IN WALLS AND/OR FLOORS REQUIRING PROTECTED OPENINGS SHALL BE FIRE STOPPED. MATERIAL SHALL BE A TESTED ASSEMBLY APPROVED BY THE CALIFORNIA STATE FIRE MARSHAL.



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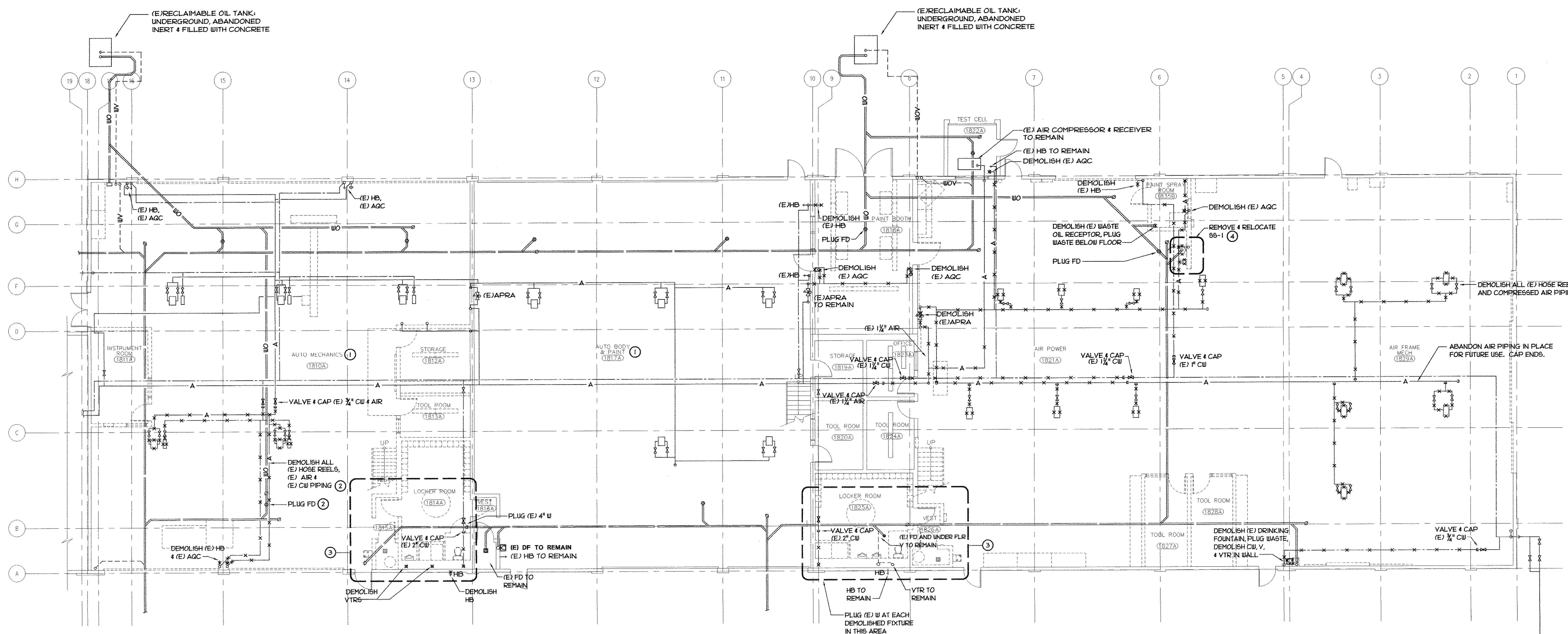
SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

PLUMBING
PLAN -
DEMOLITION

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09 DECEMBER 2004

P2.01



PLUMBING PLAN - DEMOLITION

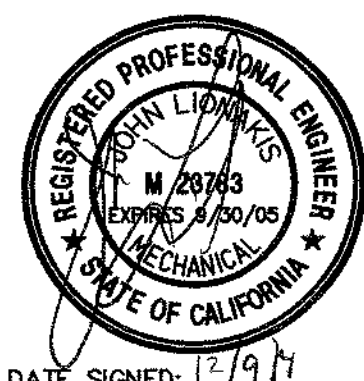
SCALE : 1/8" = 1'-0"

GENERAL NOTES:

1. COMPRESSED AIR & CW PIPING, HOSE REELS & ACCESSORIES ARE ROUTED OVERHEAD UNLESS INDICATED OTHERWISE.

SHEET NOTES:

- ① PLUMBING IN AUTO BODY & PAINT SHOP SHALL REMAIN.
- (F) PLUMBING IN AUTO MECHANICS SHOP NORTH OF COLUMN LINE D SHALL REMAIN.
- ② DEMOLISH OVERHEAD PIPING & PLUG FD's IN AUTO MECHANICS SHOP SOUTH OF COLUMN LINE C.
- ③ DEMOLISH PLUMBING FIXTURES. PLUG FDS, W, & V EXCEPT WHERE INDICATED OTHERWISE. DEMOLISH ALL CU, HU, & V PIPING IN WALL EXCEPT CU, HU, & V FROM REMAINING FDS. VTR SHALL REMAIN IN WALL WHERE INDICATED. CAP LATERAL VENT CONNECTIONS TO REMAINING VTR AS REQ'D.
- ④ REMOVE & RELOCATE SERVICE SINK (95-1). DEMOLISH EMERGENCY EYE WASH SHOWER. PLUG FDS & WASTE CONNECTIONS. PLUG V BELOW SLAB. DEMOLISH CU, & VTR.



DATE SIGNED: 12/9/14

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DATE 12/9/2004



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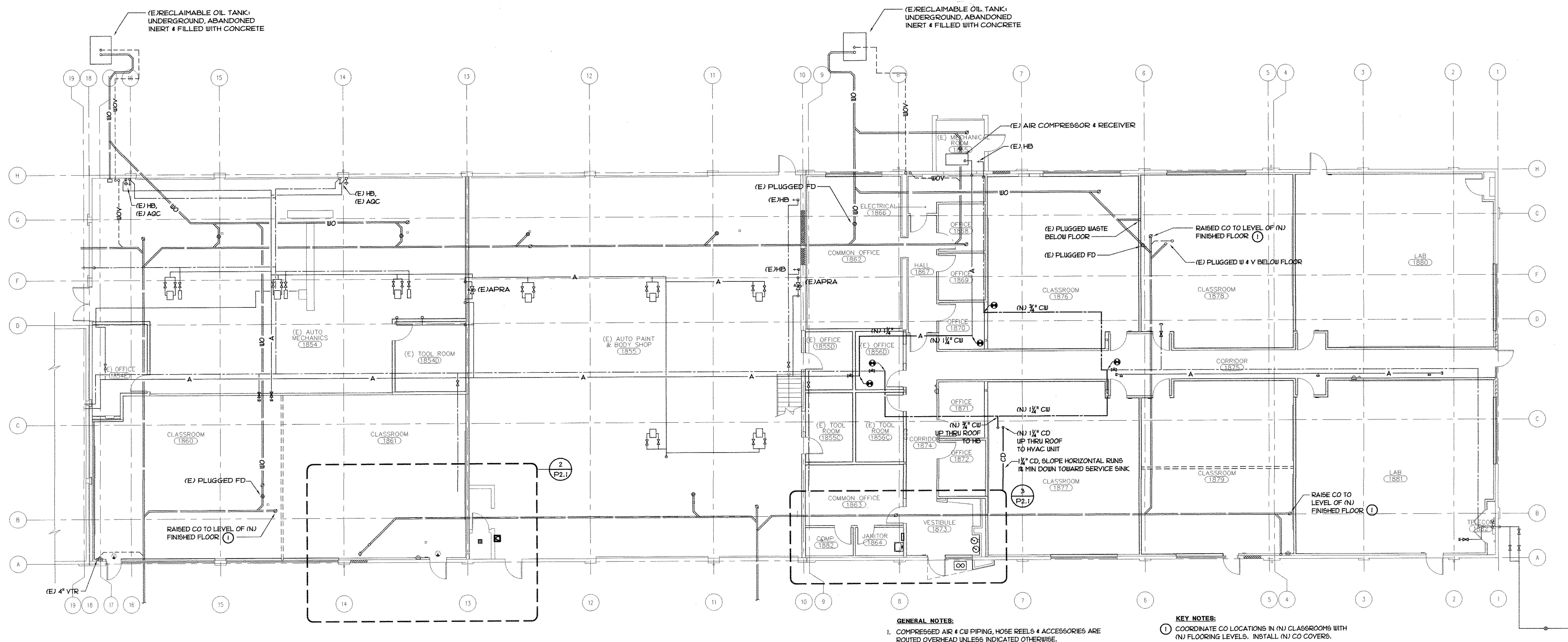
SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

PLUMBING
PLAN -
NEW

A4745.0

09 DECEMBER 2004

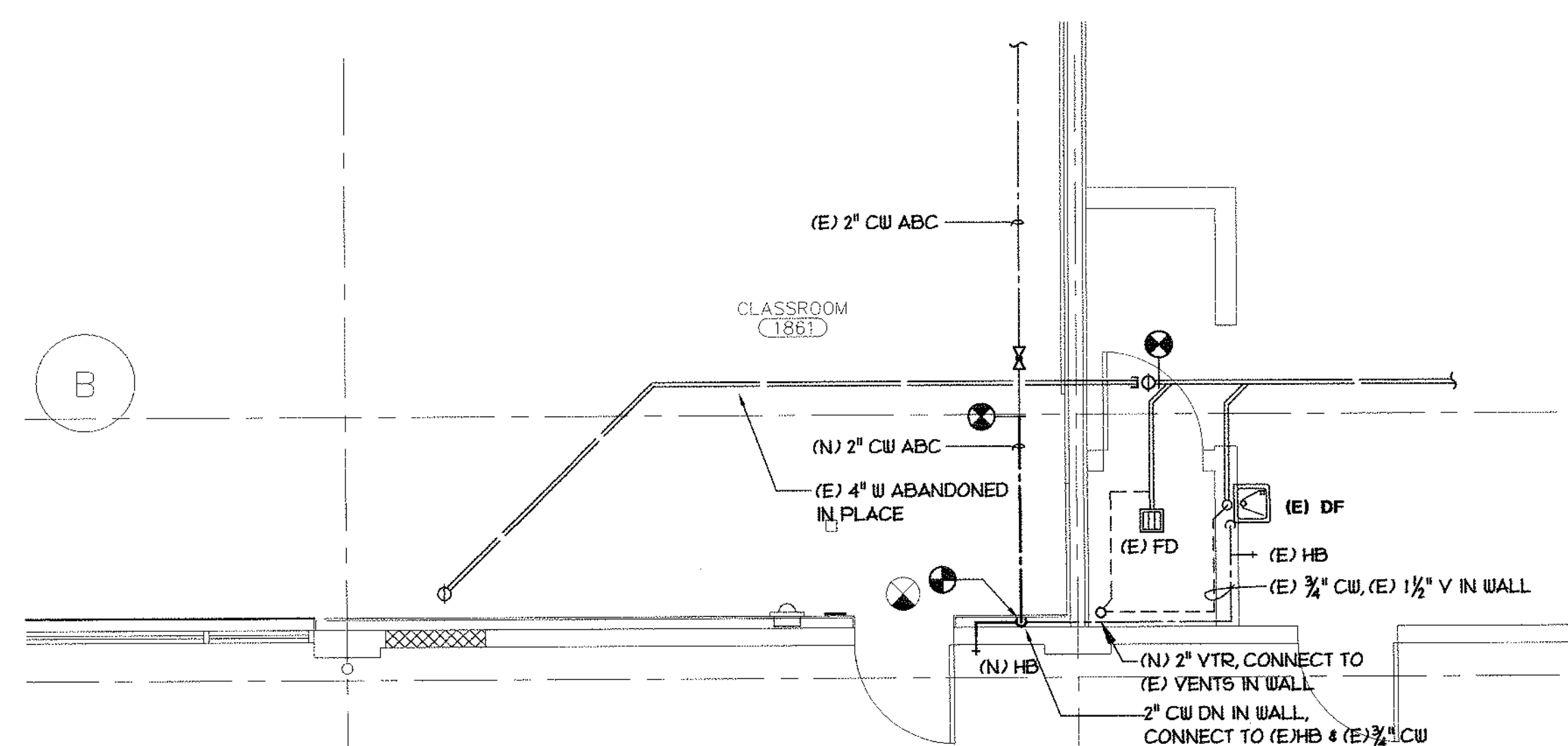
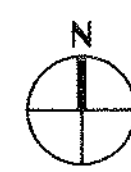
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PLUMBING PLAN - NEW

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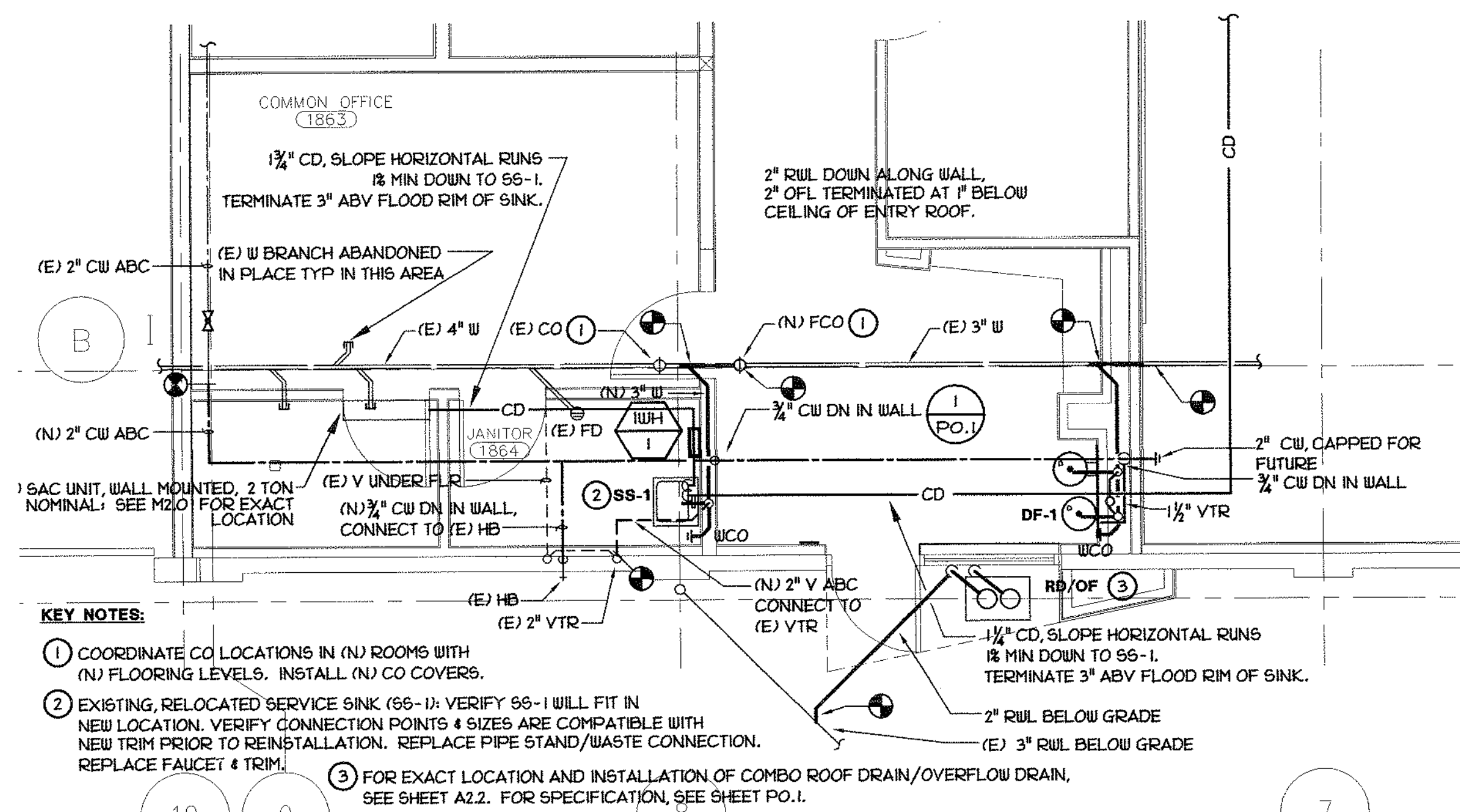
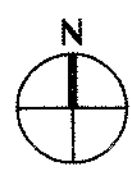
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P2.1



ENLARGED PLAN - A

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

2
P2.1



ENLARGED PLAN - B

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

3
P2.



DREYFUSS & BLACKFORD

ARCHITECTS

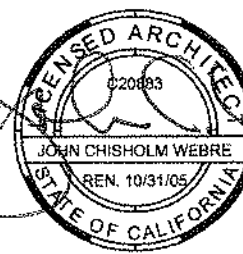
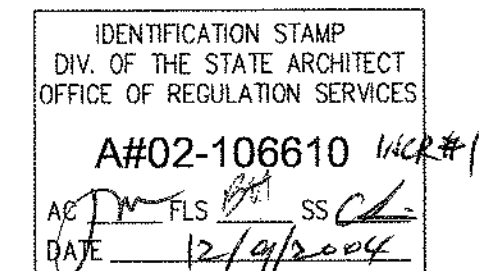
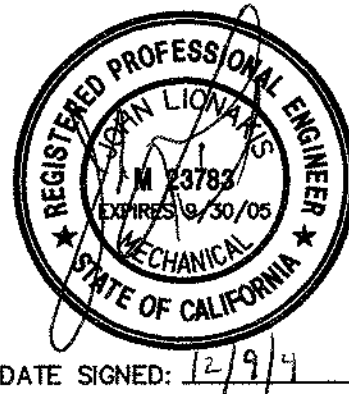
3540 FOLSOM BOULEVARD
SACRAMENTO, CALIFORNIA
95816

TELEPHONE 916 453-1231
FACSIMILE 916 453-1236



**CAPITAL ENGINEERING
CONSULTANTS, INC.**
RANCHO CORDOVA, CALIFORNIA

SZ/NAB/KS/VH 040525.00
DESIGNER/CRAFTER PROJECT NO.



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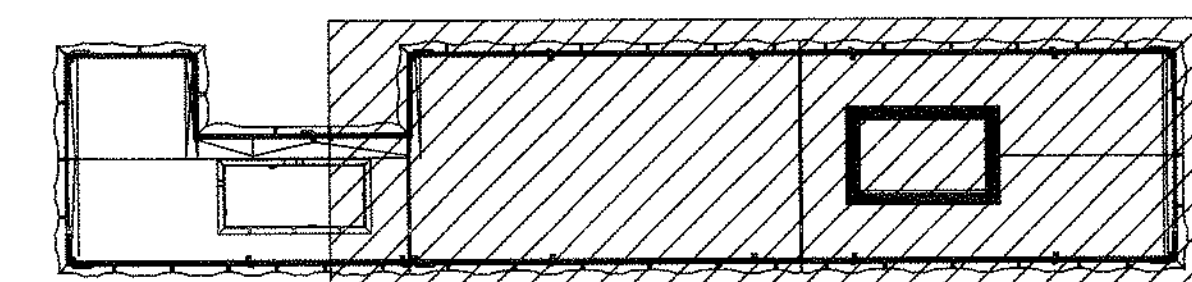
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GENERAL NOTES:

1. SEE ARCHITECTURAL DRAWING A2.2 FOR ROOFING WORK. COORDINATE PLUMBING WORK WITH ROOFING WORK, INCLUDING THE NEW ROOFING BOARD WHICH ALTERS ROOF SLOPING IN SOME AREAS.

KEY NOTES

- ① REUSE (E) ROOF DRAINS. INSPECT, CLEAN, AND, IF NECESSARY, REPLACE. FLUSH (E) DOWNSPOUT FREE OF DIRT AND DEBRIS. COORDINATE RE-INSTALLATION OF ROOF DRAINS WITH (N) ROOFING WORK.
- ② EXISTING VENTS THROUGH ROOF: REPLACE EXISTING ROOF FLASHINGS.



KEY PLAN

SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

PLUMBING
ROOF
PLAN

A4745.01

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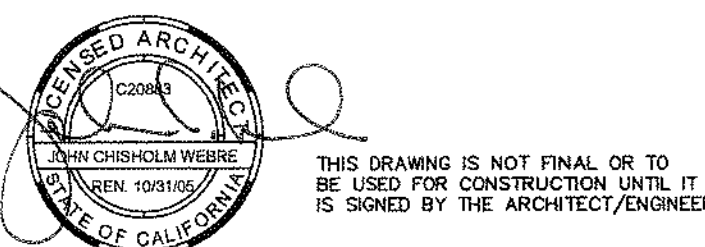
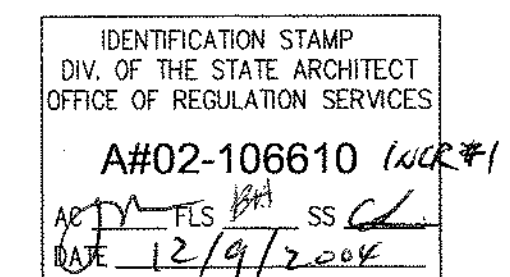
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1
P2.2A

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

GENERAL NOTES:

- I. SEE ARCHITECTURAL DRAWING A2.2 FOR ROOFING WORK. COORDINATE PLUMBING WORK WITH ROOFING WORK, INCLUDING THE NEW ROOFING BOARD WHICH ALTERS ROOF SLOPING IN SOME AREAS.

KEY NOTES

- ① REUSE (E) ROOF DRAINS. INSPECT, CLEAN, AND, IF NECESSARY, REPLACE. FLUSH (E) DOWNSPOUTS FREE OF DIRT AND DEBRIS. COORDINATE RE-INSTALLATION OF ROOF DRAINS WITH (N) ROOFING WORK.
- ② EXISTING GAS AND CONDENSATE PIPING: REPLACE EXISTING ROOF FLASHINGS AT ROOF PENETRATIONS. REPLACE PIPE SUPPORTS, ADJUSTING HEIGHT OF NEW SUPPORTS TO MAINTAIN PIPE SLOPES ABOVE NEW ROOF.
- ③ EXISTING VENTS THROUGH ROOF: REPLACE EXISTING ROOF FLASHINGS.



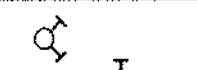
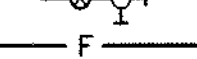
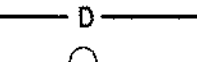
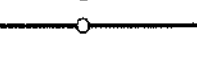
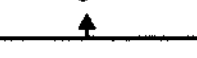
SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

PLUMBING
ROOF PLAN,
WEST

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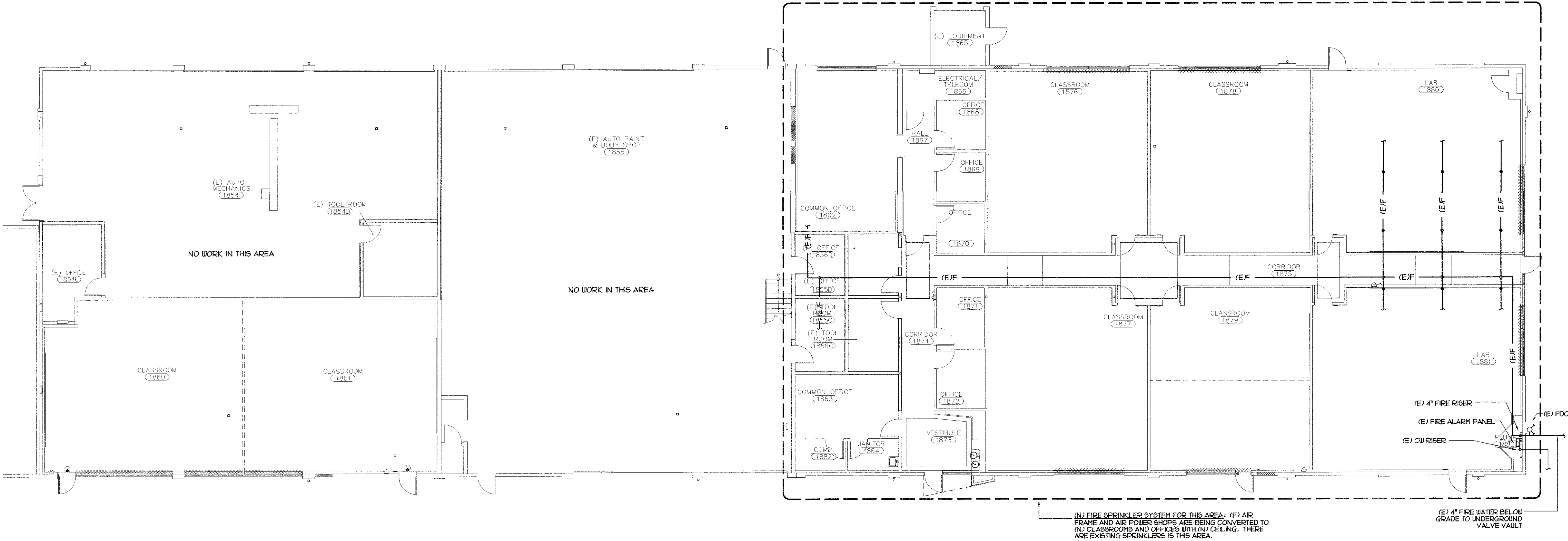
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FIRE SPRINKLER LEGEND		
SYMBOL	ABBREVIATION	DESCRIPTION
	FDC	FIRE DEPARTMENT CONNECTION
	FH	FIRE HYDRANT
	F	FIRE SPRINKLER PIPING
	D	FIRE SPRINKLER PIPING DRAIN
	F&R	FIRE SPRINKLER RISER
		UPRIGHT FIRE SPRINKLER HEAD
		PENDANT FIRE SPRINKLER HEAD
		SIDEWALL FIRE SPRINKLER HEAD

FIRE PROTECTION NOTES	
1.	THE FIRE PROTECTION SYSTEM IS TO BE DESIGNED IN ACCORDANCE WITH THE 2001 CALIFORNIA BUILDING CODE, LOCAL AND STATE FIRE MARSHAL REQUIREMENTS, 1999 EDITION OF N.F.P.A. 13, 1995 EDITION OF N.F.P.A. 24, AND ALL OTHER REGULATIONS THAT MAY APPLY.
2.	INSTALLATION OF THE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS, INCLUDING WATER SUPPLY INFORMATION, HAVE BEEN APPROVED BY THE AUTHORITY HAVING JURISDICTION. AT VARIOUS STAGES AND UPON COMPLETION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF THE AUTHORITY HAVING JURISDICTION.
3.	PENETRATIONS OF RATED FIRE ASSEMBLIES SHALL BE PROTECTED IN ACCORDANCE WITH 2001 CALIFORNIA BUILDING CODE CHAPTER 7.
4.	THE LOCATION AND SIZES OF EXISTING RISERS, FEED MAINS, CROSS MAINS, AND BRANCH PIPING SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
5.	COORDINATE PIPING AND SPRINKLER WORK WITH THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL WORK. PIPING SHALL BE CONCEALED EXCEPT WHERE SO INDICATED OR WHERE ABSOLUTELY NECESSARY TO BE EXPOSED. EXPOSED PIPING SHALL BE PLACED AS APPROVED BY THE STATE PRIOR TO INSTALLATION. SPRINKLERS SHALL BE FULLY COORDINATED WITH ARCHITECTURAL REFLECTED CEILING PLAN.

FIRE PROTECTION NOTES (CONT)	
6.	SPRINKLERS SHALL BE SYMMETRICALLY LOCATED IN CENTER OF CEILING PANELS AND FULLY COORDINATED WITH CEILING OR SOFFIT LIGHT FIXTURES AND AIR CONDITIONING INLETS AND OUTLETS. PROVIDE SWING JOINTS AS REQUIRED.
	SPRINKLERS IN AREAS WITH NO CEILING ARE TO BE ABOVE DUCTS AND ALSO BELOW DUCTS WHEN THE DUCTS INTERFERE WITH PROPER FLOOR COVERAGE. SPRINKLERS THAT ARE SUBJECT TO MECHANICAL DAMAGE AND/OR BELOW 8'-0" MUST HAVE HEAD GUARDS.
	PROVIDE PENDENT AND/OR UPRIGHT TYPE SPRINKLER HEADS WHERE REQUIRED BY N.F.P.A. 13.
7.	PROVIDE CEILING ESCUTCHEON AS REQUIRED. COORDINATE LOCATION OF ALL PIPE PENETRATIONS THROUGH WALLS.
8.	DUE TO THE LIMITED SPACE AVAILABLE, ON-THE-JOB MEASUREMENT OF PIPE WILL BE REQUIRED. OFFSETS, PIPE, ADDITIONAL HEADS, FITTINGS, DRAINS, ETC., REQUIRED TO MEET JOB CONDITIONS SHALL BE FURNISHED AND INSTALLED AT NO EXTRA COST TO THE STATE.

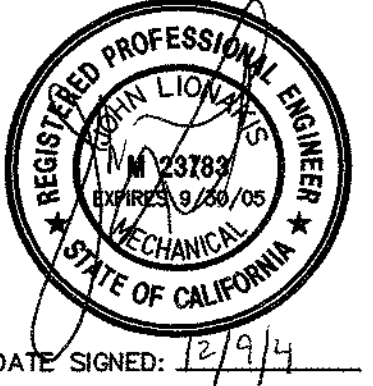


FIRE PROTECTION PLAN - NEW
SCALE : 1/8" = 1'-0"

1
FP2.1

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CONSULTANTS, INC.
RANCHO CORDOVA, CALIFORNIA
SZ/NA/KA/S/VH
DESIGN/ENGINEER/ARCHITECT
040525.00
PROJECT NO.



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A#02-106610
AC: [Signature] PLS: [Signature] SS: [Signature]
DATE: 12/19/2004

CONSTRUCTION DOCUMENTS
FOR PLAN REVIEW ONLY

SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

FIRE
PROTECTION
PLAN

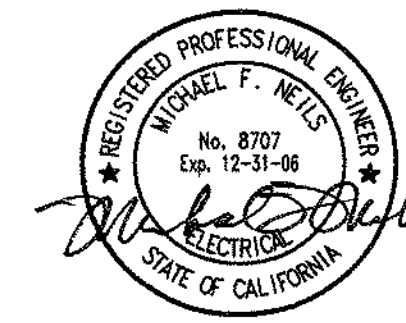


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DREYFUSS & BLACKFORD

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PROJECT #: 04148.21

ELECTRICAL SYMBOL LIST

	LUMINAIRE - CEILING SURFACE OR PENDANT MOUNTED. (LETTER "Q" DENOTES SWITCH FUNCTION, NUMBER "2" DENOTES CIRCUIT NUMBER - TYPICAL FOR ALL LUMINAIRES UNLESS NOTED OTHERWISE)
	LUMINAIRE - WALL MOUNTED
	LUMINAIRE - CEILING RECESSED
	WALL MOUNTED EXIT LUMINAIRE, ARROW SIGNIFIES DIRECTION, TYPICAL
	OPEN TUBE FLUORESCENT LUMINAIRE - CEILING SURFACE OR SUSPENDED
	ENCLOSED FLUORESCENT LUMINAIRE - SURFACE MOUNTED
	ENCLOSED FLUORESCENT LUMINAIRE - CEILING LAY-IN
	ENCLOSED FLUORESCENT LUMINAIRE - CEILING RECESSED
	TANDEM FACTORY WIRED ENCLOSED FLUORESCENT LUMINAIRE, UL LISTED - CEILING LAY-IN
	EMERGENCY ENCLOSED FLUORESCENT LUMINAIRE - CEILING LAY-IN
	EXISTING FLUORESCENT LUMINAIRE TO REMAIN
	EXISTING FLUORESCENT LUMINAIRE TO BE REMOVED
	RELOCATE EXISTING FLUORESCENT LUMINAIRE
	LUMINAIRE DESIGNATION WITH LAMP QUANTITY AND WATTAGE. SEE LUMINAIRE SCHEDULE
	SINGLE POLE TOGGLE SWITCH, +48" A.F.F. - "Q" LETTER DENOTES SWITCH FUNCTION - TYPICAL FOR ALL SWITCHES UNLESS NOTED OTHERWISE
	DOUBLE POLE TOGGLE SWITCH
	THREE-WAY TOGGLE SWITCH
	SINGLE POLE TOGGLE SWITCH - KEYED
	SWITCH WITH PILOT LIGHT
	DIMMER SWITCH - SIZE AS NOTED ON PLAN
	OCCUPANCY SENSOR SWITCH WITH MANUAL OVERRIDE - WALL MOUNTED AT +48" A.F.F. UNLESS NOTED OTHERWISE
	BY-LEVEL OCCUPANCY SENSOR SWITCH WITH 2 MANUAL OVERRIDE SWITCHES - WALL MOUNTED AT +48" A.F.F. UNLESS NOTED OTHERWISE
	OCCUPANCY AREA SENSOR SWITCH - CEILING MOUNTED
	OCCUPANCY SENSOR SWITCH POWER PACK AND OUTLET BOX - MOUNTED IN ACCESSIBLE CEILING AREA, UNLESS NOTED OTHERWISE
	JUNCTION BOX - SIZE AS REQUIRED BY CODE
	JUNCTION BOX - FLUSH FLOOR MOUNTED - SIZE AS REQUIRED BY CODE
	SINGLE CONVENIENCE OUTLET
	DUPLEX CONVENIENCE OUTLET - NEMA 5-20R +18" A.F.F. TYPICAL FOR ALL CONVENIENCE OUTLETS, UNLESS NOTED OTHERWISE (LETTER "A" SHOWN ADJACENT TO OUTLET DESIGNATES MOUNTED HORIZONTALLY ABOVE COUNTER)
	ISOLATED GROUND CONVENIENCE OUTLET - NEMA 5-20R
	QUADRUPLUX CONVENIENCE OUTLET - NEMA 5-20R
	ISOLATED GROUND QUADRUPLUX CONVENIENCE OUTLET - NEMA 5-20R
	ONE DUPLEX CONVENIENCE OUTLET AND ONE ISOLATED GROUND DUPLEX CONVENIENCE OUTLETS - NEMA 5-20R
	TELEPHONE OUTLET - FLUSH IN WALL +18" A.F.F. STUB ONE 3/4" CONDUIT WITH BUSHING AT THE END AND PULL STRING INTO ACCESSIBLE CEILING AREA.
	WALL TELEPHONE OUTLET - FLUSH IN WALL, +48" A.F.F. STUB ONE 3/4" CONDUIT WITH BUSHING AND PULL STRING INTO ACCESSIBLE CEILING AREA.
	TELEPHONE OUTLET - FLUSH IN FLOOR, STUB ONE 1" CONDUIT WITH BUSHING AT THE END AND PULL STRING INTO ACCESSIBLE CEILING AREA.
	COMBINATION TEL/DATA OUTLET FLUSH IN WALL +18" A.F.F., 4-1/16" SQUARE BOX WITH 2 DEVICE RING AND PLATE (TOP HALF DEVICE FOR TELEPHONE, BOTTOM HALF DEVICE FOR DATA), STUB ONE 1" CONDUIT WITH BUSHING AT THE END OF CONDUIT AND A PULL STRING INTO ACCESSIBLE CEILING AREA.
	DATA OUTLET - FLUSH IN WALL +18" A.F.F. (2) NUMBER IN PARENTHESIS INDICATES NUMBER OF DATA JACKS, STUB ONE 1" CONDUIT WITH BUSHING AT THE END AND PULL STRING INTO ACCESSIBLE CEILING AREA.
	DATA OUTLET - FLUSH IN FLOOR, STUB ONE 1" CONDUIT WITH BUSHING AT THE END AND PULL STRING INTO ACCESSIBLE CEILING AREA.
	FIRE ALARM MANUAL PULL STATION, +48" A.F.F. UNLESS NOTED OTHERWISE (LETTER "Z-I" DENOTES ZONE NUMBER - TYPICAL FOR ALL FIRE ALARM DEVICES)
	FIRE ALARM HORN, +40" A.F.F. UNLESS NOTED OTHERWISE
	FIRE ALARM HORN AND STROBE +80" A.F.F.
	FIRE ALARM STROBE +80" A.F.F.
	FIRE ALARM MECHANICAL DUCT DETECTOR - COORDINATE LOCATION WITH HVAC DRAWINGS AND CONTRACTOR
	FIRE/SMOKE DAMPER PROVIDED BY OTHER DIVISION, CONNECTION BY ELECTRICAL SEE MECHANICAL PLANS
	FIRE DAMPER PROVIDED BY OTHER DIVISION, CONNECTION BY ELECTRICAL SEE MECHANICAL PLANS
	END OF LINE RESISTOR
	MASTER FIRE ALARM CONTROL PANEL
	FIRE ALARM REMOTE ANNUNCIATOR PANEL - FLUSH MOUNTED

	CONDUIT RUN CONCEALED IN CEILINGS OR WALLS. NUMBER OF HASH MARKS DENOTES QUANTITY OF WIRES, CURVED HASH MARK DENOTES QUANTITY OF #12 GREEN GROUND WIRES. CONDUCTORS OTHER THAN #12 ARE INDICATED ON PLANS. NO HASH MARKS DENOTES 2#12 AWG AND #12 GREEN GROUND IN 1/2" CONDUIT, TYPICAL FOR ALL CONDUITS.
	CONDUIT RUN UNDERFLOOR OR UNDERGROUND
	CONDUIT HOMERUN TO PANELBOARD, SWITCHBOARD OR TERMINAL CABINET
	CONDUIT TURNED AND RISED UP
	CONDUIT TURNED AND DROPPED DOWN
	EXISTING CONDUIT AND WIRING
	EXISTING CONDUIT TO BE REMOVED OR ABANDONED, REMOVE WIRES, COORDINATE WITH OWNER.
	PANELBOARD - SURFACE MOUNTED
	PANELBOARD - FLUSH MOUNTED
	TERMINAL CABINET
	SWITCHBOARD, DISTRIBUTION PANEL OR MOTOR CONTROL CENTER
	EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, FUSED WITH FUSE SIZE INDICATED
	EQUIPMENT DISCONNECT SWITCH - EXTERNALLY OPERATED, NON-FUSIBLE
	EQUIPMENT CIRCUIT BREAKER DISCONNECT- EXTERNALLY OPERATED, NON-FUSIBLE
	EQUIPMENT CONTROLLER
	EQUIPMENT MOTOR N.I.E.S. POWER CONNECTIONS PART OF ELECTRICAL WORK
	MECHANICAL EQUIPMENT DESIGNATION - SEE MECHANICAL PLANS
	1-HOUR FIRE WALL SEPARATION
	2 HOUR FIRE WALL SEPARATION
	ROOM NUMBER DESIGNATION
	DRAWING SHEET NUMBERED NOTE DESIGNATION - APPLIES TO NUMBERED NOTE ON SAME SHEET
	DRAWING PLAN OR DETAIL DESIGNATION - "I" OR "A" DENOTES PLAN OR DETAIL NUMBER, "E-I" DENOTES SHEET NUMBER

- SYMBOL LIST NOTES:**
- EXISTING ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE SHOWN THE SAME AS NEW, EXCEPT LIGHTLY AND ACCOMPANIED BY (E). SUCH ELECTRICAL EQUIPMENT, OUTLETS, AND DEVICES ARE TO REMAIN AS IS, UNLESS OTHERWISE NOTED ON PLAN OR SPECIFICATION.
 - MOUNT ELECTRICAL OUTLET BOXES MOUNTED ON OPPOSITE SIDES OF FIRE-RATED WALLS OR PARTITIONS SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES PER CBC 2001, WHETHER SHOWN ON THE PLANS OR NOT.
 - VERIFY ON SITE THAT ALL PANELBOARDS HAVE MINIMUM WORKING SPACES PER CODE AND THAT THE DEDICATED PANELBOARD SPACES ARE CLEAR OF ALL DUCTS, PIPING AND EQUIPMENT FOREIGN TO THE PANELBOARDS. NOTIFY THE ENGINEER FOR CORRECTIVE ACTION IN THE EVENT THAT FOREIGN OBJECTS IMPEDE THE DEDICATED PANELBOARD AREAS.

ABBREVIATIONS

A	AMPERES	(N)	NEW
AC	ALTERNATING CURRENT	NA	NOT AVAILABLE, NOT APPLICABLE
A.F.F.	ABOVE FINISHED FLOOR	NC	NORMALLY CLOSED
A.I.C.	AMPERE INTERRUPTING CAPACITY	N.C.	NURSES CALL
AMP	AMPERE	NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
APPROX	APPROXIMATE	N.I.E.S.	NOT IN ELECTRICAL SECTION OF THESE PLANS AND SPECIFICATIONS
AWG	AMERICAN WIRE GAUGE	NL	NIGHT LIGHT
BKR	BREAKER	NM	NON-METALLIC CABLE
C.	CONDUIT	NO	NORMALLY OPEN
C.B.	CIRCUIT BREAKER	OC	ON CENTER
CKT	CIRCUIT	OH	OVERHEAD
CLF	CURRENT LIMITING FUSE	OISC	OIL INSULATED, SELF-COOLED
C.O.	CONDUIT ONLY, WITH PULL WIRE	PFB	PROVISIONS FOR FUTURE CIRCUIT BREAKER
C.T.	CURRENT TRANSFORMER	PH	PHASE
DC	DIRECT CURRENT	PVC	POLYVINYL CHLORIDE
DPSST	DOUBLE POLE, SINGLE THROW	QTY	QUANTITY
(E)	EXISTING	(R)	REMOVE
EL	EVENING LIGHT	REQ'D	REQUIRED
EM	EMERGENCY	(RE)	RELOCATE EXISTING
(ER)	EXISTING RELOCATED	RCPT.	RECEPTACLE
EHT	ELECTRICAL METALLIC CONDUIT	RS	RAPID START
FACP	FIRE ALARM CONTROL PANEL	SCHED	SCHEDULE
FATC	FIRE ALARM TERMINAL CABINET	S.F.	SQUARE FOOT
F.C.	FOOTCANDLES	SG.	SQUARE
GA.	GAUGE	SPDT	SINGLE POLE, DOUBLE THROW
GALV.	GALVANIZED	SPST	SINGLE POLE, SINGLE THROW
GND	GROUND	SWBD	SWITCHBOARD
GFI	GROUND FAULT INTERRUPTER	SYS	SYSTEM
HID	HIGH INTENSITY DISCHARGE	THW	INSULATED STRAND WIRE
HP	HORSEPOWER	THN	NYLON JACKETED WIRE
HPF	HIGH POWER FACTOR	TV	TELEVISION
HPS	HIGH PRESSURE SODIUM	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
HTR	HEATER	UG	UNDERGROUND
HVAC	HEATING, VENTILATING AND AIR CONDITIONING	UGPS	UNDERGROUND PULL SECTION
HZ.	HERTZ (CYCLES)	UL	UNDERWRITERS LABORATORY
I.C.	INTERRUPTING CAPACITY	V	VOLT
IMC	INTERMEDIATE METAL CONDUIT	VA	VOLT-AMPERES
INCAN.	INCANDESCENT	W	WIRE, WATT
isc	SHORT CIRCUIT AMPERES	WP	WEATHER PROTECTED
K	THOUSAND	XFMR	TRANSFORMER
KV	KILO VOLT	XHHW	CROSS-LINKED POLYETHYLENE WIRE INSULATED
KVA	KILO VOLT AMPERE	Y	WYE
KW	KILO WATT	MDF	MAIN DISTRIBUTION FRAME
KWH	KILO WATT HOUR	IDF	INTERMEDIATE DISTRIBUTION FRAME
L.L.D.	LAMP LUMEN DEPRECIATION		
LM	LUMEN		
LPF	LOW POWER FACTOR		
LT.	LIGHT		
LV	LOW VOLTAGE		
MAT'L	MATERIAL		
MAX.	MAXIMUM		
MFR.	MANUFACTURER		
MH	METAL HALIDE		
MOB.	MOBIL BASE		
MTD.	MOUNTED		

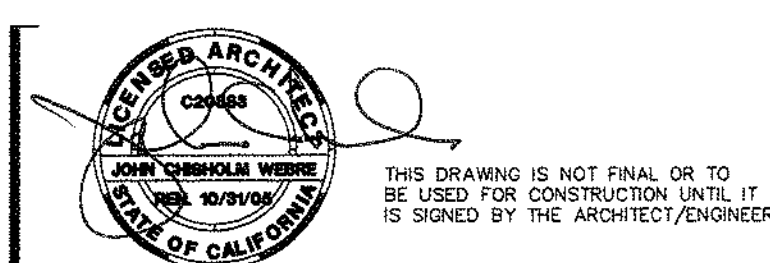
ELECTRICAL SHEET INDEX

No. OF SHEETS	DRAWING No.	DRAWING DESCRIPTIONS
1	E0.1	ELECTRICAL SHEET INDEX, SYMBOL LIST, ABBREVIATIONS, DEMOLITION AND GENERAL NOTES, AND SPECIFICATIONS
2	E1.0	SITE PLAN - ELECTRICAL
3	E2.0	DEMOLITION PLAN FIRST FLOOR AND MEZZANINE - LIGHTING
4	E2.1	DEMOLITION PLAN FIRST FLOOR AND ROOF (EAST) - POWER, SIGNAL, AND HVAC
5	E2.2	FIRST FLOOR PLAN - LIGHTING
6	E2.3	FIRST FLOOR PLAN - POWER AND SIGNAL
7	E2.4	FIRST FLOOR PLAN - HVAC AND ROOF (EAST)
8	E2.5	HVAC AND ROOF (WEST)
9	E3.1	FIRST FLOOR PLAN - FIRE ALARM AND RISER DIAGRAM
10	E3.2	FIRE ALARM SCHEDULE, NOTES, DETAILS AND CALCULATIONS
11	E4.0	ONE LINE POWER DIAGRAM AND PANEL SCHEDULE
12	E5.0	ELECTRICAL DETAILS
13	T-24	TITLE 24 LIGHTING COMPLIANCE FORM

DEMOLITION NOTES

- INFORMATION SHOWN RELATIVE TO EXISTING CONDITIONS IS BASED UPON AVAILABLE RECORDS AND DATA. THEREFORE, IT SHALL BE RESEARCHED AS AN APPROXIMATION ONLY. CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. PRIOR TO SUBMITTING BID AND/OR BEFORE START OF ANY ELECTRICAL WORK, INSPECT ALL EXISTING LOCATIONS AND CONDITIONS AND ASCERTAIN WORK REQUIRED TO CLEAR PROJECT AREA OF ALL EXISTING ELECTRICAL ITEMS NOT BEING RE-USED OR EXISTING TO REMAIN AS IS. REPORT ALL DISCREPANCIES AND COORDINATE ALL DEMOLITION WORK WITH THE OWNER'S REPRESENTATIVE. MAINTAIN SERVICE TO EXISTING ELECTRICAL EQUIPMENT IN AREAS ADJACENT TO REMODEL AREA, UNLESS OTHERWISE NOTED.
- PROTECT ALL EXISTING ELECTRICAL EQUIPMENT ON EXISTING WALLS AND CEILING NOT REQUIRED TO BE DEMOLISHED UNLESS OTHERWISE NOTED. DELIVER ALL EXISTING ELECTRICAL EQUIPMENT IN REMODELED AREAS THAT ARE REMOVED AND NOT REUSED ELSEWHERE, AND ARE DEEMED TO BE SALVAGEABLE IN THE JUDGEMENT OF THE CONTRACTOR AND OWNER'S REPRESENTATIVE, TO THE OWNER. DELIVER ALL SALVAGED ELECTRICAL EQUIPMENT AND OTHER ITEMS TO A LOCATION DESIGNATED BY THE OWNER'S REPRESENTATIVE. REMOVE FROM SITE ALL OTHER ELECTRICAL EQUIPMENT, HARDWARE, AND OTHER ITEMS THAT ARE DEEMED UNSALVAGEABLE BY CONTRACTOR AND THE OWNER'S REPRESENTATIVE.
- CUT, PATCH AND MATCH IN ALL AREAS AFFECTED BY REMOVAL OF ELECTRICAL EQUIPMENT AND DEVICES, IN ACCORDANCE WITH PROVISIONS OF SECTION 01045 CUTTING AND PATCHING.
- CAUSE AS LITTLE INTERFERENCE OR INTERRUPTION OF EXISTING UTILITIES AND SERVICES AS POSSIBLE. SCHEDULE ANY POWER OR OTHER UTILITY SHUTDOWN WITH THE OWNER'S REPRESENTATIVE. SHUTDOWNS WHICH MAY BE REQUIRED SHALL BE PRESENTED IN WRITING TO THE OWNER'S REPRESENTATIVE FOR APPROVAL TWO WEEKS PRIOR TO COMMENCEMENT OF WORK. SHUTDOWN WORK SHALL BE PERFORMED ON OVERTIME HOURS IF SO DIRECTED BY OWNER'S REPRESENTATIVE.
- DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, FIXTURES, OUTLETS, DEVICES, CONDUIT, WIRING AND OTHER ELECTRICAL ITEMS, WHETHER SHOWN OR NOT, FROM EXISTING CEILING AND WALLS WHICH ARE TO BE DEMOLISHED. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING REMAINING DEVICES, UNLESS OTHERWISE NOTED.
- COORDINATE WITH OTHER TRADES AND PROMPTLY TRANSMIT ALL INFORMATION REQUIRED BY THEM. COORDINATE THE SEQUENCE OF DEMOLITION WITH OTHER TRADES TO ENSURE THAT ALL WORK PROCEEDS WITH A MINIMUM OF INTERFERENCE AND DELAY.
- RELOCATE ALL CONDUITS THAT ARE TO REMAIN IN SERVICE WHICH ARE IN A LOCATION TO CONFLICT WITH NEW WORK.
- WHEREVER EXISTING ELECTRICAL DEVICES, PANELS, CONDUITS, CABLES, AND OTHER ITEMS, CONFLICT WITH REMODEL WORK, WHETHER SHOWN OR NOT, RELOCATE THESE ITEMS TO COORDINATE WITH NEW CONSTRUCTION.
- REUSE EXISTING CONDUITS AND WIRING WHEREVER POSSIBLE UNLESS OTHERWISE NOTED TO BE REMOVED.
- PROVIDE FIRE RATED BACKBOXES TO MAINTAIN FIRE RATING OF CEILING OR WALLS AT LOCATION WHERE RECESSED ELECTRICAL EQUIPMENT SUCH AS LIGHT FIXTURES, SWITCHES, RECEPTACLES, PANELS, AND OTHER ITEMS, ARE INSTALLED IN RATED WALLS OR CEILING.
- PROVIDE PROTECTIVE COVERING OVER EXISTING EQUIPMENT WHEN INSTALLING ALL NEW WORK.
- UPDATE NEW PANEL DIRECTORIES TO EXISTING PANELS INVOLVED IN THIS RENOVATION WORK REFLECTING ALL CHANGES TO CIRCUIT DESIGNATIONS.
- DISPOSAL OF FLUORESCENT LAMPS: DISPOSE OR RECYCLE ALL EXISTING FLUORESCENT LAMPS PROPERLY ACCORDING TO ENVIRONMENTAL PROTECTION AGENCY (EPA) AND RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) STANDARDS. INCLUDE ALL COSTS FOR DISPOSAL OR RECYCLING IN BID PROPOSAL. DISPOSE OR RECYCLE THROUGH ONYX SUPERIOR SERVICES, (420) 423-4000 OR EQUAL.
- DISPOSAL OF BALLASTS: DISPOSE OR RECYCLE ALL EXISTING BALLASTS PROPERLY ACCORDING TO ENVIRONMENTAL PROTECTION AGENCY (EPA) AND RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) STANDARDS. INCLUDE ALL COSTS FOR DISPOSAL OR RECYCLING IN BID PROPOSAL. DISPOSE OR RECYCLE THROUGH ONYX SUPERIOR SERVICES, (420) 423-4000 OR EQUAL.
- ASBESTOS REMOVAL: IN THE EVENT ASBESTOS IS FOUND TO BE PRESENT IN AREAS CONFLICTING WITH ELECTRICAL WORK, BEFORE CONTINUATION OF WORK IN THOSE AREAS, NOTIFY THE OWNER'S REPRESENTATIVE FOR THE REMOVAL OF SUCH HAZARDOUS MATERIAL BY A CERTIFIED ASBESTOS CONTRACTOR.

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A# 02-106610
DATE 12/9/2004



SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

ELECTRICAL SHEET INDEX,
SYMBOL LIST, ABBREVIATIONS,
AND PROJECT DESCRIPTION

A4745.01
AS NOTED
09 DECEMBER 2004

E0.1

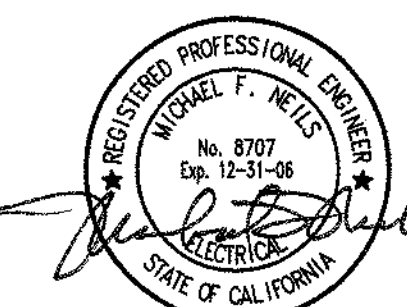


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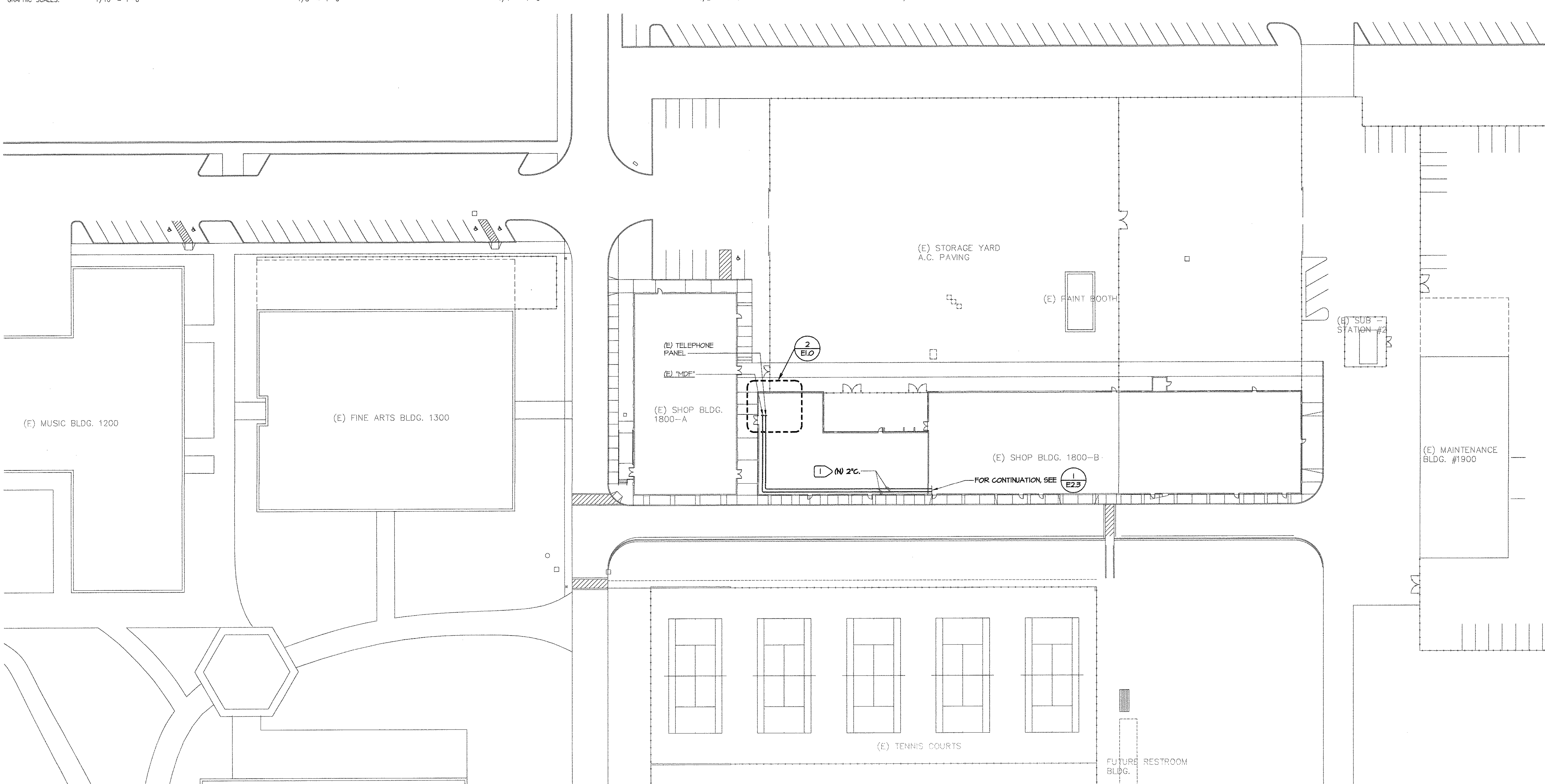
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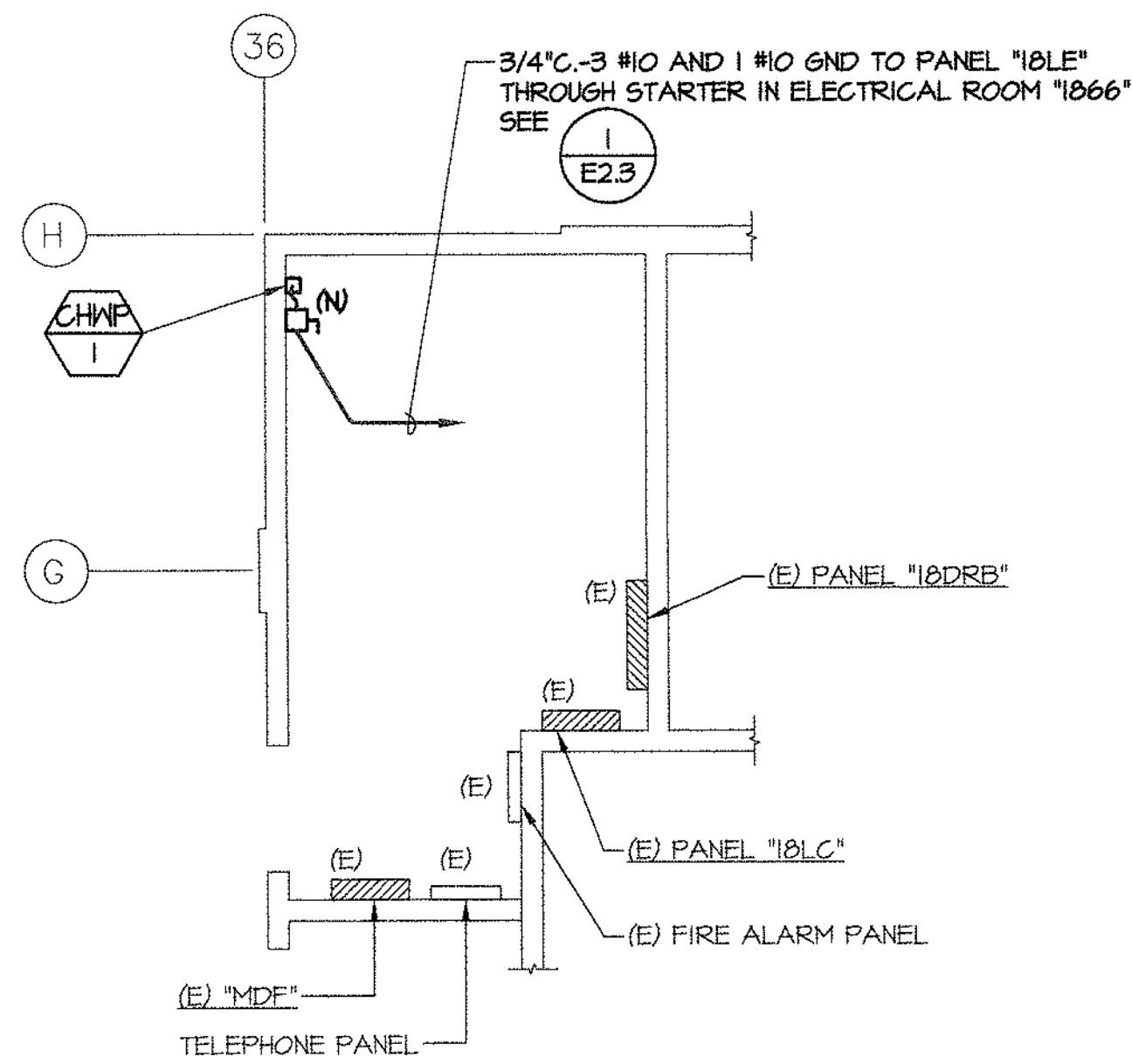
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PROJECT # 04148.21



1 SITE PLAN - ELECTRICAL
SCALE: 1" = 30'-0"

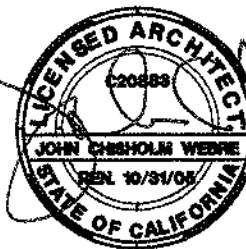


2 ENLARGED MECH. RM 1800A - ELECTRICAL
SCALE: 1/4" = 1'-0"

NUMBERED NOTES

1 PROVIDE (1) 2" CONDUIT FOR DATA BETWEEN THE "MDF" IN MECHANICAL ROOM 1800A AND THE "MDF" IN TELECOM ROOM 1802. PROVIDE (1) 2" CONDUIT FOR TELEPHONE BETWEEN THE TELEPHONE PANEL IN MECHANICAL ROOM 1800A AND THE TELEPHONE BACKBOARD IN TELECOM ROOM 1802.

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A# 02-106610
DATE 12/9/2004



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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

SITE PLAN - ELECTRICAL

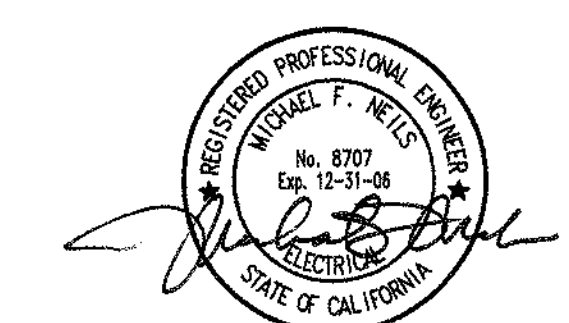
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AS NOTED
09 DECEMBER 2004

E1.0

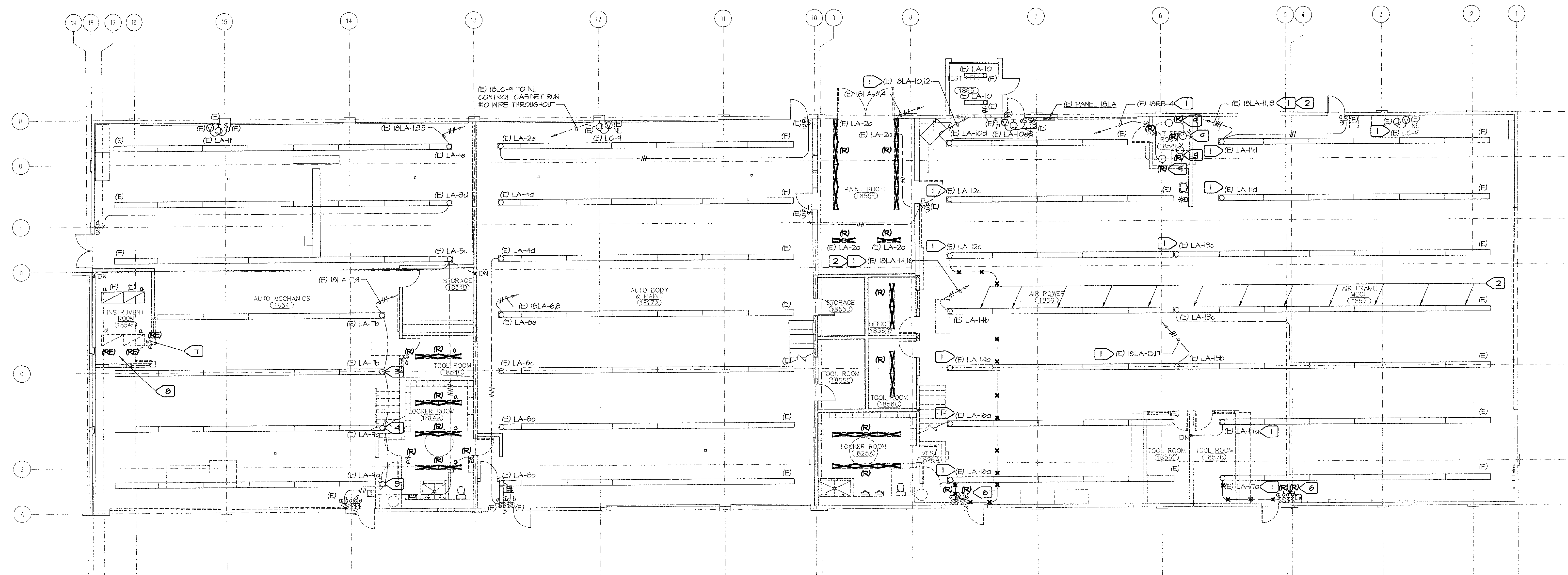
DREYFUSS & BLACKFORD

ARCHITECTS

3540 FOLSON BOULEVARD
SACRAMENTO, CALIFORNIA
95816
TELEPHONE 916 453-1334
FACSIMILE 916 453-1336



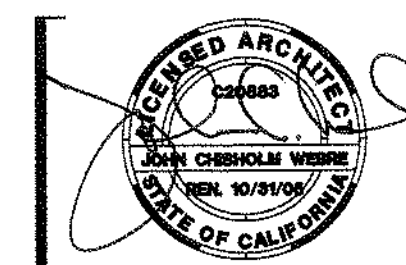
M. Nella
Electrical Engineer
10 Fullerton Court
Suite 201
Sacramento, CA 95825
(916) 823-4400
PROJECT #: 04148.21



1 FIRST FLOOR DEMOLITION PLAN - LIGHTING
SCALE: 1/8" = 1'-0"

- NUMBERED NOTES**
- 1 DISCONNECT CONDUCTORS FROM LUMINAIRE UNLESS NOTED OTHERWISE. REMOVE CONDUCTORS AND CONDUIT BACK TO THE BRANCH CIRCUIT PANEL BOARD. LUMINAIRE TO REMAIN.
 - 2 MAINTAIN ELECTRICAL CONNECTION AND SWITCHING FUNCTION FOR ATTIC LIGHTING, CENTER ROW CKTS. "LA-14" AND "LA-19".
 - 3 DISCONNECT CONDUCTORS FROM LUMINAIRE. REMOVE CONDUCTORS AND CONDUIT BACK TO LUMINAIRES OUTSIDE OF REMODEL AREA AND MAINTAIN FUNCTION OF THOSE LUMINAIRES. DISCONNECTED LUMINAIRES TO REMAIN.
 - 4 MAINTAIN ELECTRICAL CONNECTION AND SWITCHING FOR NORTH ROW OF LUMINAIRES ON CKT. "LA-4".
 - 5 DISCONNECT CONDUCTORS FROM LUMINAIRE. REMOVE CONDUIT AND CONDUCTORS BACK TO REMAINING FUNCTIONING LUMINAIRE.
 - 6 REMOVE SWITCH, CONDUIT AND CONDUCTORS BACK TO LUMINAIRE.
 - 7 DOOR BEING RELOCATED, REMOVE EXISTING SWITCH AND MOVE WITH NEW DOOR.
 - 8 ROOM REMODEL. RELOCATE EXISTING LUMINAIRES.
 - 9 DISCONNECT AND REMOVE LUMINAIRES.

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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

DEMOLITION PLAN
FIRST FLOOR AND
MEZANNINE - LIGHTING

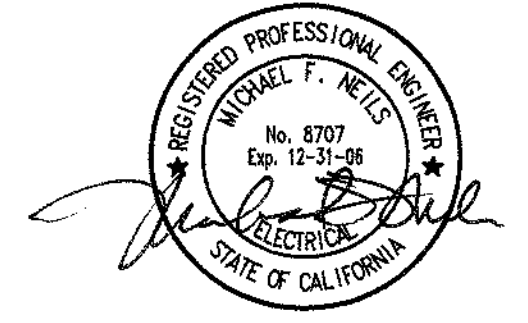
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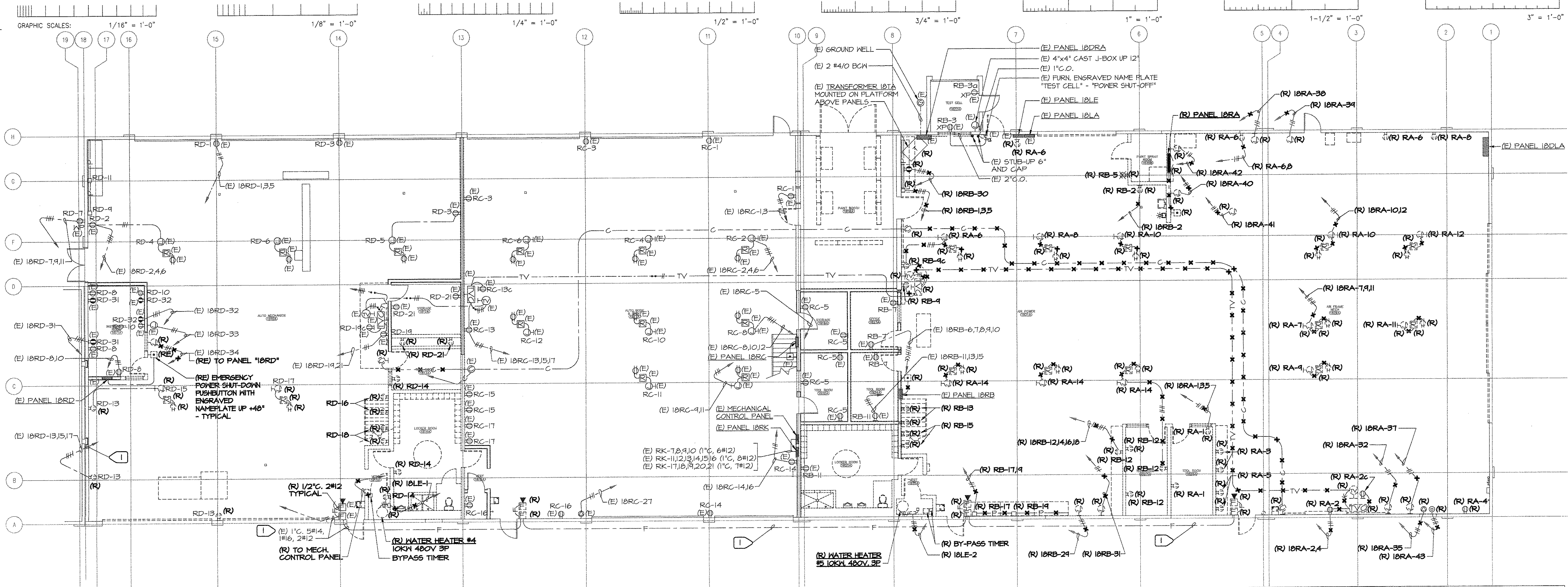
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ARCHITECTS

3240 FOLSOM BOULEVARD
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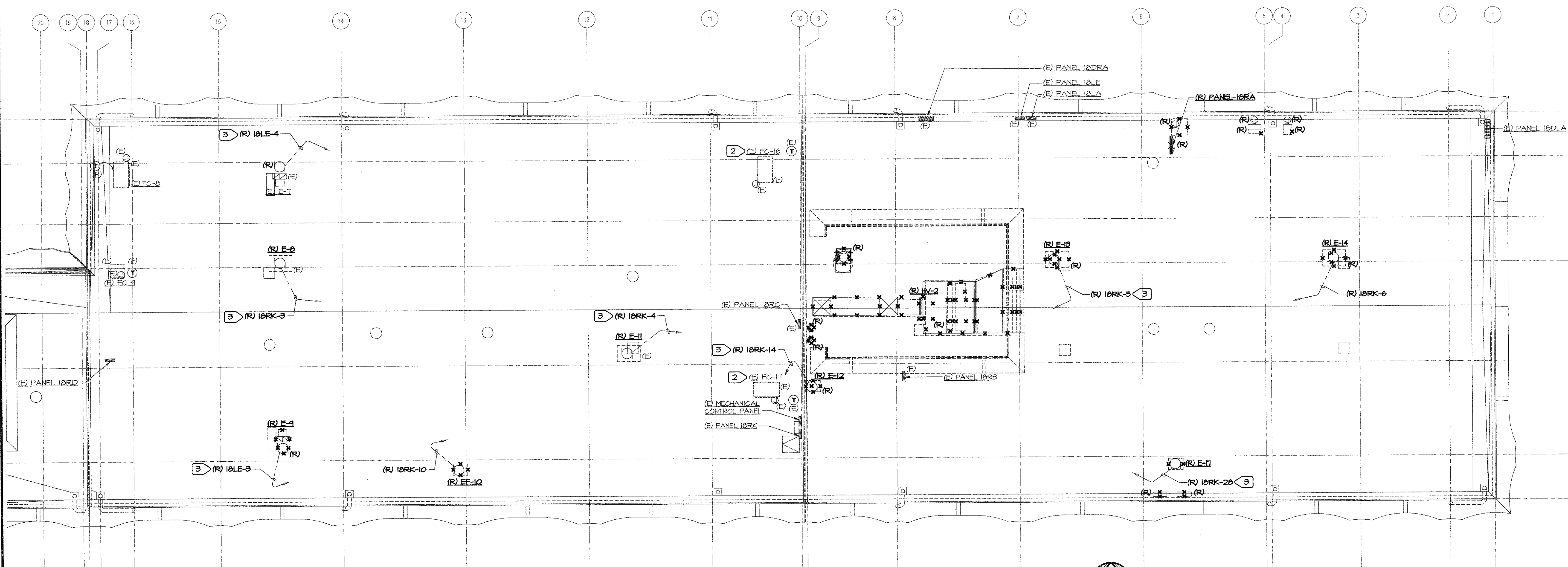


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PROJECT # 04148.21



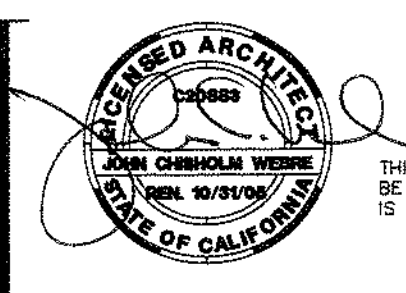
1 FIRST FLOOR DEMOLITION PLAN - POWER AND SIGNAL
SCALE: 1/8" = 1'-0"

- NUMBERED NOTES
- 1 REMOVE EXISTING CONDUCTORS.
 - 2 DISCONNECT ELECTRICAL CONNECTIONS. RE-CONNECT AFTER RE-ROOFING HAS BEEN COMPLETED.
 - 3 REMOVE DEVICE, CONDUIT, AND CONDUCTOR BACK TO PANELBOARD.



2 ROOF (EAST) DEMOLITION PLAN - POWER AND MECHANICAL
SCALE: 1/8" = 1'-0"

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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

DEMOLITION PLAN FIRST
FLOOR AND ROOF (EAST)
POWER, SIGNAL & MECH.

A4745.01
AS NOTED
09 DECEMBER 2004

E2.1



- 1 RUN BRANCH CIRCUIT TO PANEL VIA LIGHTING CONTROL PANEL.
- 2 LIGHTING CONTROL OVERRIDE SWITCH, LABEL COVERPLATE, RUN CONTROL CIRCUIT TO LIGHTING CONTROL PANEL.
- 1 RECONNECT TO EXISTING BRANCH CIRCUIT AND SWITCH FUNCTION.

<u>LUMINAIRE SCHEDULE REMARK NOTES:</u>	
①	PROVIDE WITH (1) 2-LAMP ELECTRONIC BALLAST.
②	PROVIDE WITH (1) 3-LAMP ELECTRONIC BALLAST.
③	PROVIDE WITH WALL BRACKETS FOR END MOUNTING.
④	PROVIDE TANDEM WIRED PAIR WITH (1) 2-LAMP ELECTRONIC BALLAST CONTROLLING INNER LAMPS AND (2) 2-LAMP BALLASTS CONTROLLING OUTER LAMP PAIRS.
⑤	PROVIDE WITH (1) 2-LAMP AND (1) 1-LAMP ELECTRONIC BALLAST.
⑥	PROVIDE WITH (1) 1-LAMPELECTRONIC BALLAST.
⑦	PROVIDE WITH EMERGENCY BATTERY/BALLAST TO OPERATE (1) LAMP AT 1200 LUMENS.
⑧	FIXTURE MOUNTED ON STORE FRONT SYSTEM. CONCEAL CONDUIT IN ALUMINUM FRAME.

FIRST FLOOR PLAN - LIGHTING

E2.2

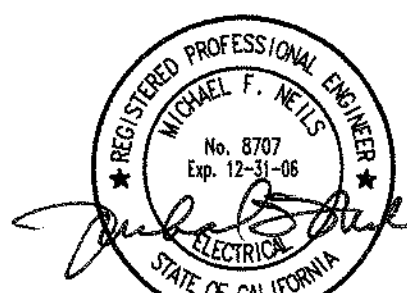


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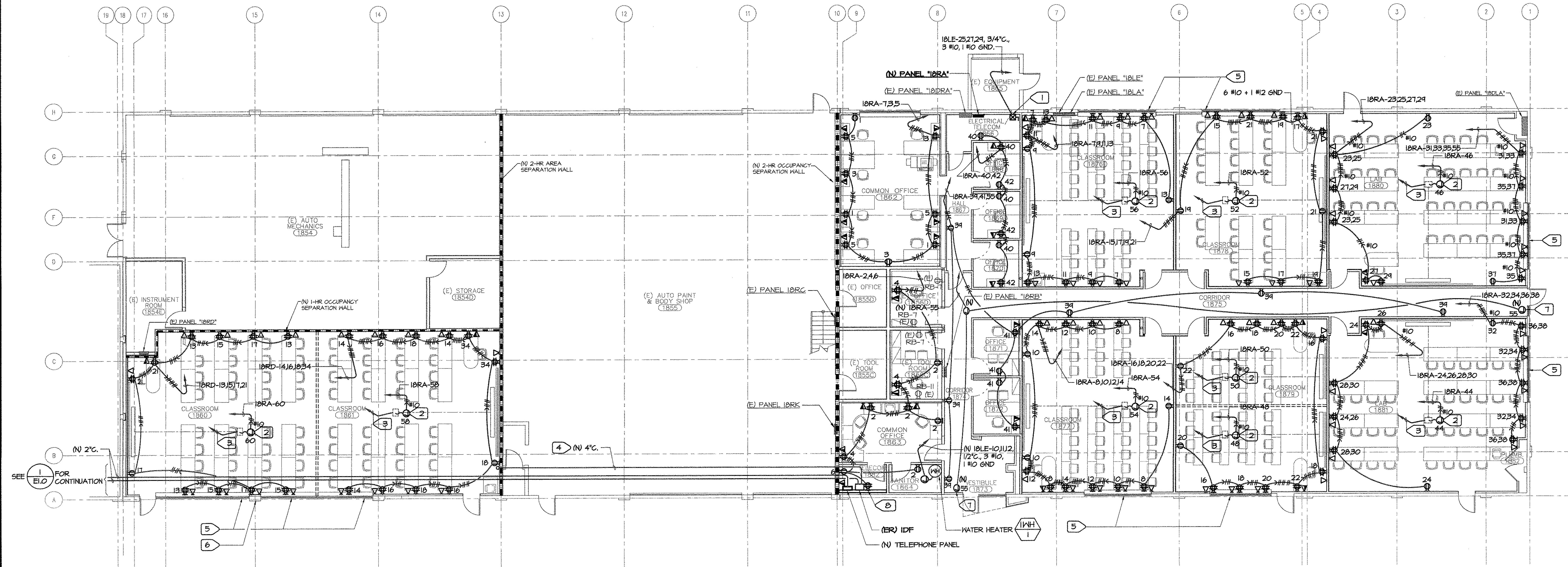
DREYFUS & BLACKFORD

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916 453-4460
PROJECT # 04148.21

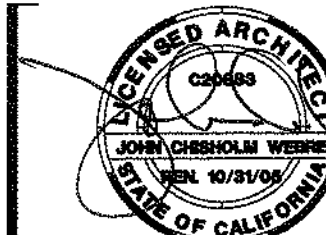


1 FIRST FLOOR PLAN - POWER AND SIGNAL
SCALE: 1/8" = 1'-0"

NUMBERED NOTES

- 1 SIZE 1 COMBINATION MOTOR STARTER FOR "CHNP-1". SEE SITE PLAN, SHEET "E1.0" FOR BRANCH CIRCUITING.
- 2 CONNECT VIDEO PROJECTOR.
- 3 1" C. TO SMART PANEL. SEE ARCHITECTURAL SHEET "A2.4" FOR LOCATION.
- 4 PROVIDE (N) 4" CONDUIT FOR DATA BETWEEN THE IDF IN TELECOM ROOM 1882 AND ACCESSIBLE CEILING SPACE IN ROOM 1861.
- 5 MOUNT WIRING DEVICES HORIZONTALLY IN FURRED OUT PORTION OF STORE FRONT BOTTOM.
- 6 COLUMN FURRED TO PROVIDE ELECTRICAL ACCESS.
- 7 PROVIDE POWER FOR FUTURE CARD ACCESS READERS. CAP CONDUCTORS IN JUNCTION BOX. LOCATE JUNCTION BOX IN ACCESSIBLE CEILING SPACE FOR FUTURE USE.
- 8 PROVIDE 8'x8'x4" FIRE RATED PLYWOOD BACKBOARD.

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**SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1**

**FIRST FLOOR PLAN -
POWER AND SIGNAL**

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09 DECEMBER 2004

E2.3

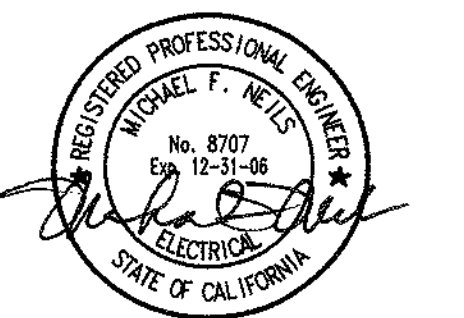


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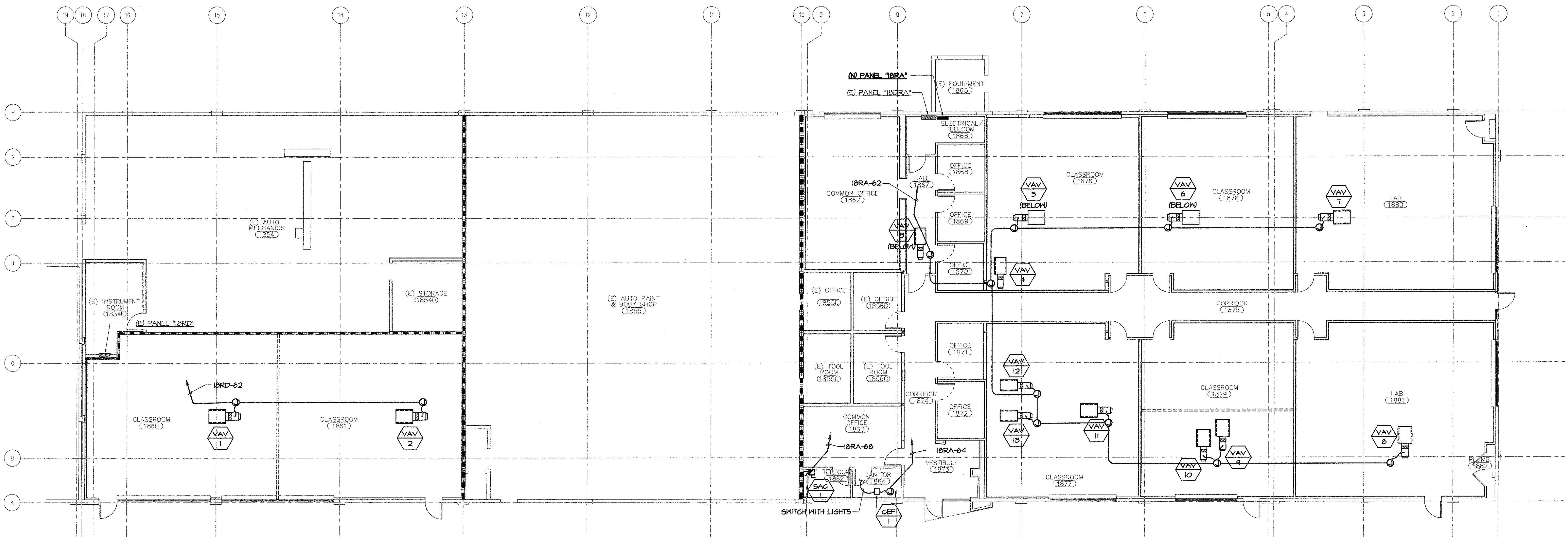
DREYFUSS & BLACKFORD

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FACSIMILE 916 453-1336



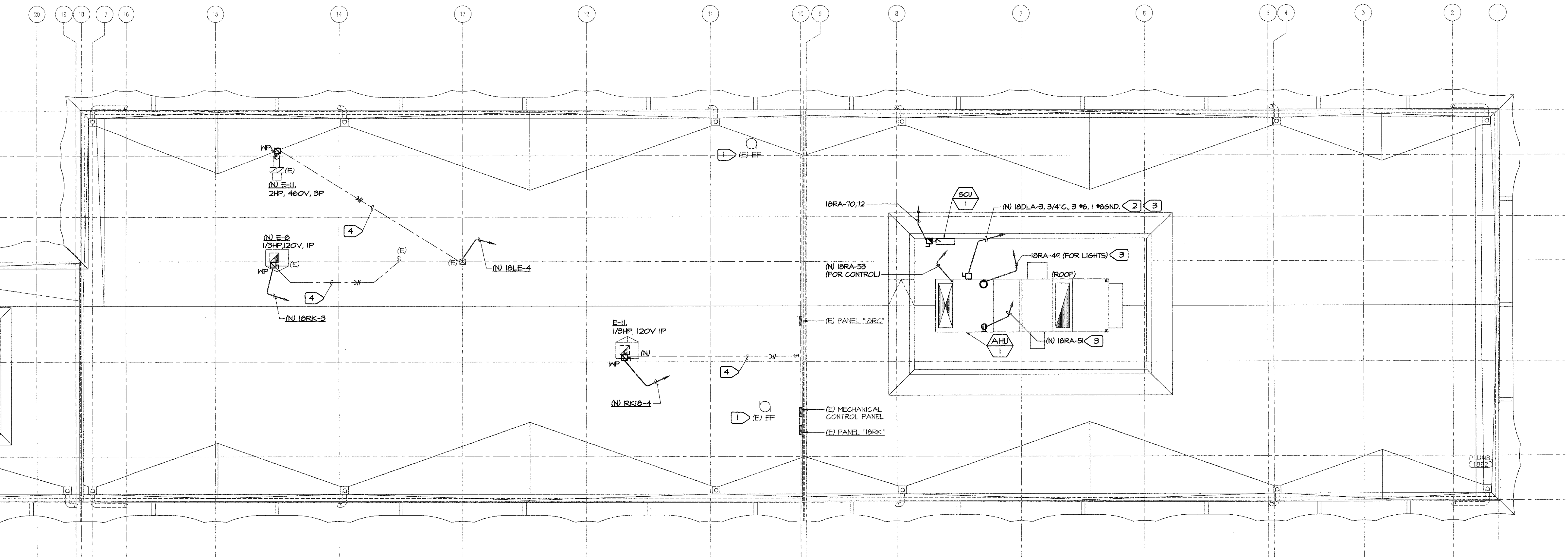
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10 Fullerton Court
Sacramento, CA 95825
(916) 828-4400
PROJECT #: 04148.21



1 FLOOR PLAN - HVAC
SCALE: 1/8" = 1'-0"

NUMBERED NOTES

- 1 DISCONNECT ELECTRICAL CONNECTIONS. RE-CONNECT AFTER RE-ROOFING IS COMPLETED.
- 2 PROVIDE SINGLE POINT, 3 PHASE ELECTRICAL CONNECTION TO AHU. DISCONNECT IS SUPPLIED WITH AHU.
- 3 LOCATION SHOWN IS APPROXIMATE. COORDINATE WITH AIR HANDLY UNIT SUPPLIED AS PART OF MECHANICAL WORK. CONNECT RECEPTACLES AND LIGHTS PROVIDED WITH AIR HANDLING UNIT.
- 4 REUSE CONDUIT, PROVIDE NEW CONDUCTORS



2 ROOF PLAN - HVAC EAST
SCALE: 1/8" = 1'-0"

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**SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1**

**FIRST FLOOR PLAN -
HVAC AND ROOF (EAST)**

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E2.4



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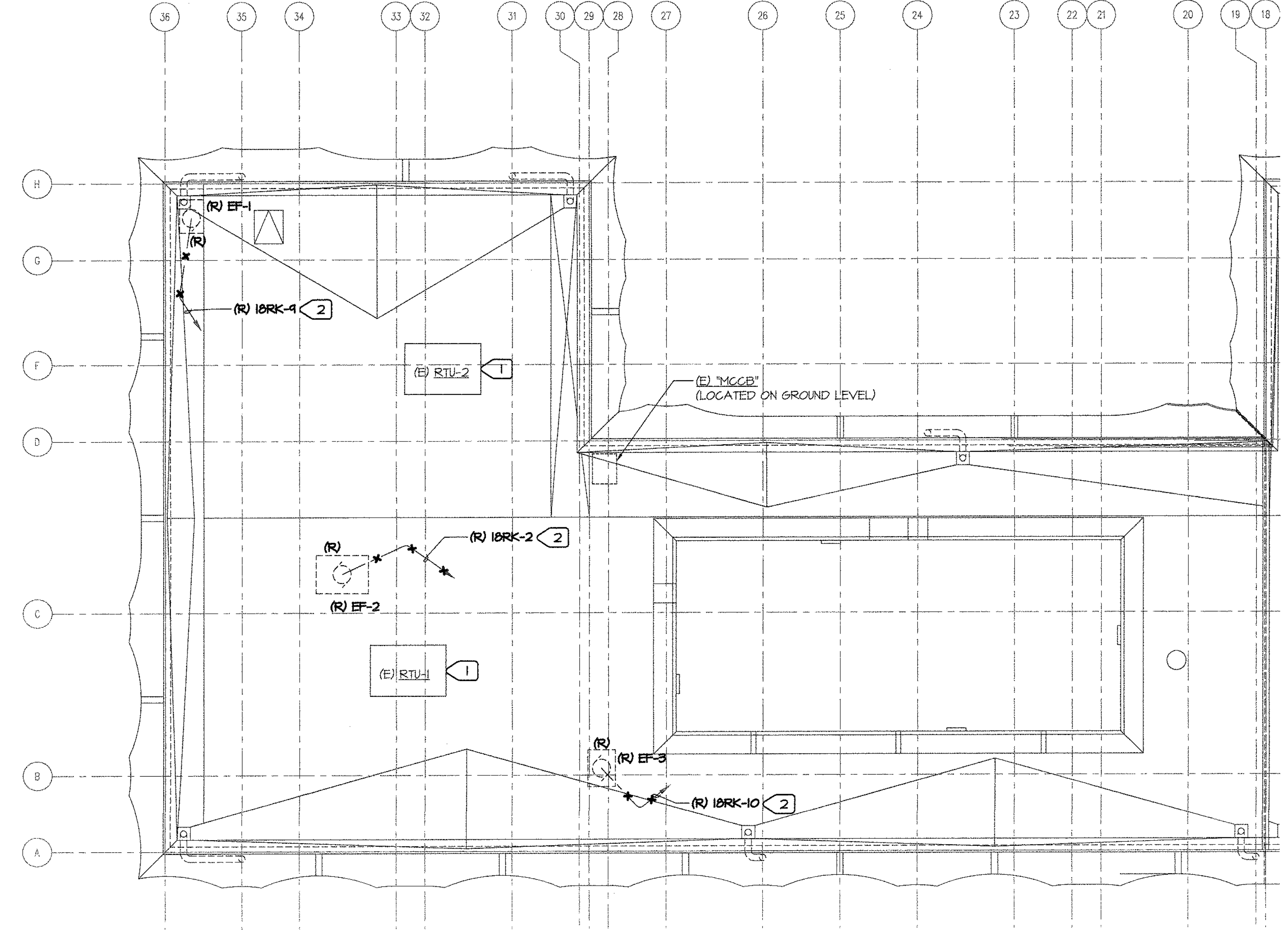
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2540 FOLSON BOULEVARD
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TELEPHONE 916 453-1234
FACSIMILE 916 453-1236



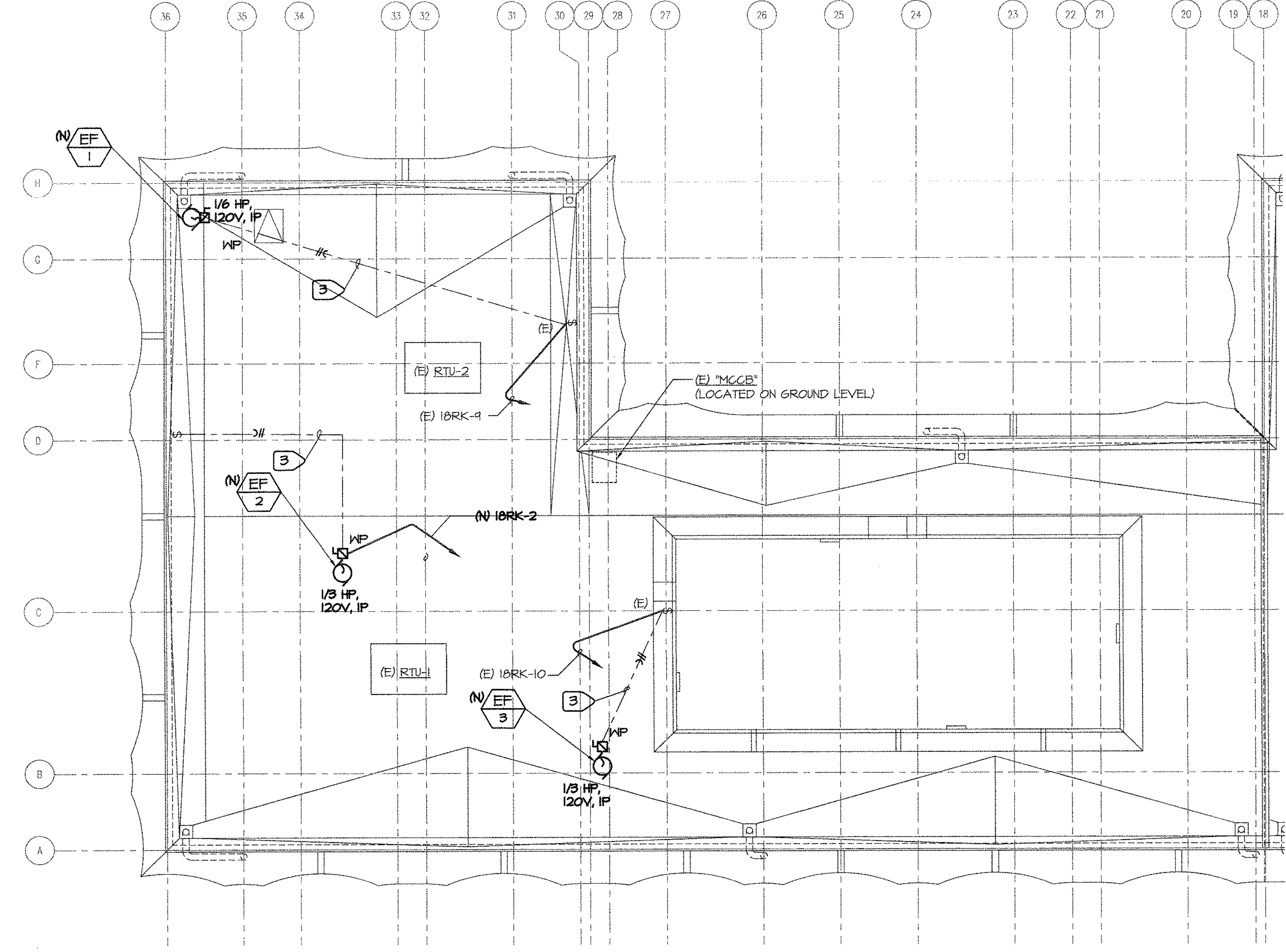
M. Nells
Engineering, Inc.
10 Fullerton Court
Suite 201
Sacramento, CA 95833
916 833-4400
PROJECT #: 04148.21

NUMBERED NOTES

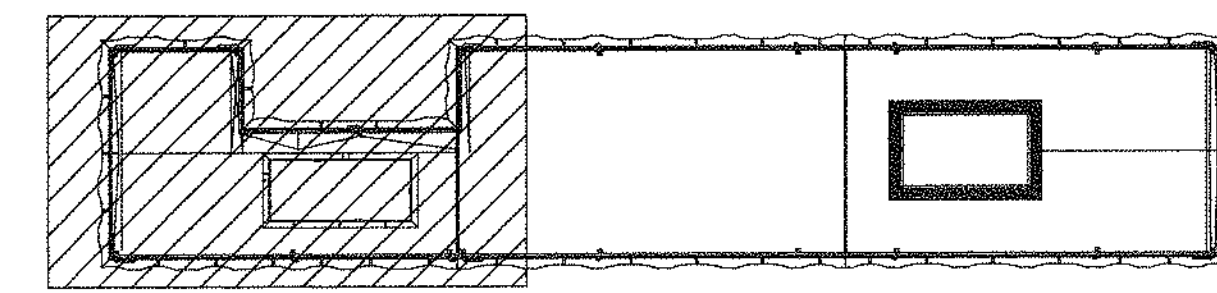
- 1 DISCONNECT ELECTRICAL CONNECTIONS TO EXISTING AHU. RE-CONNECT AFTER RE-ROOFING HAS BEEN COMPLETED.
- 2 REMOVE DEVICE, CONDUIT AND CONDUCTOR BACK TO PANEL BOARD/MCG.
- 3 REUSE CONDUIT, PROVIDE NEW CONDUCTORS



1 DEMOLITION ROOF (WEST) - HVAC
SCALE: 1/8" = 1'-0"



2 ROOF PLAN (WEST) - HVAC
SCALE: 1/8" = 1'-0"



KEY PLAN

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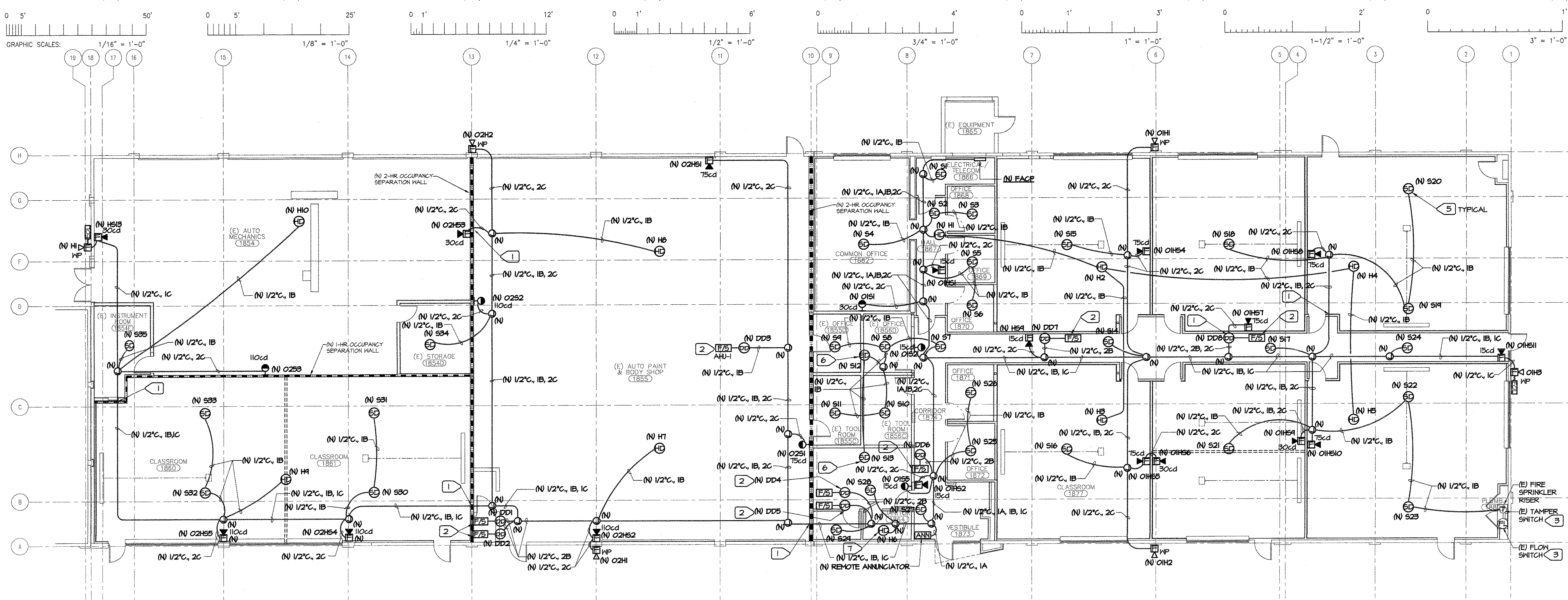
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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

HVAC AND ROOF (WEST)

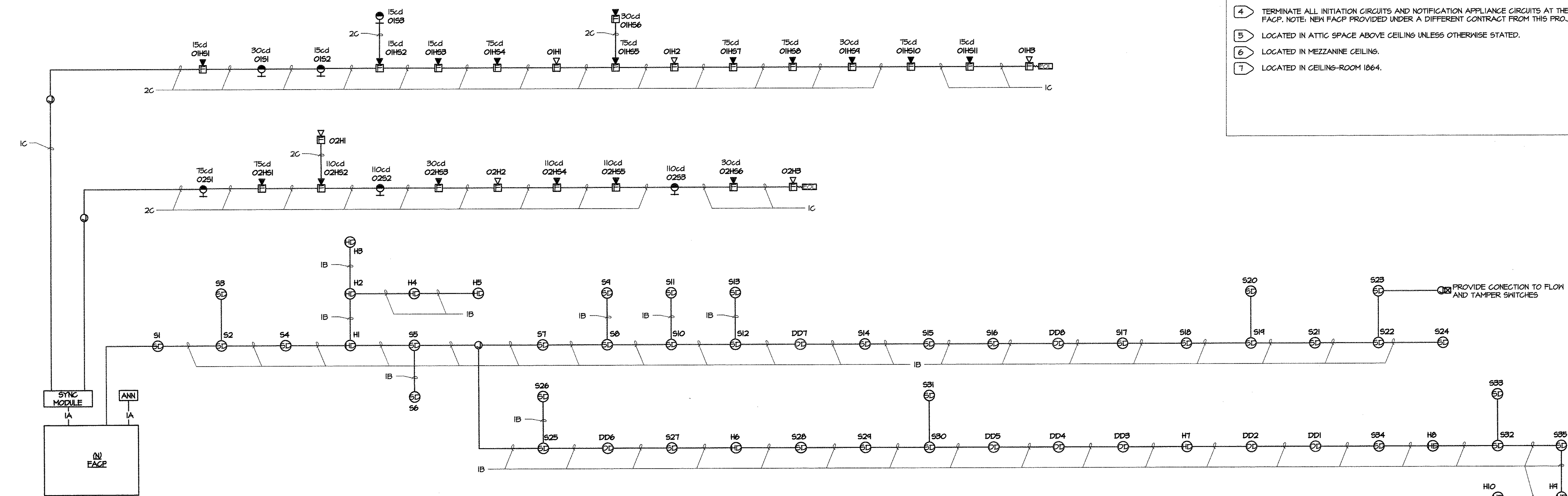
A4745.01
AS NOTED
09 DECEMBER 2004

E2.5



1 FIRST FLOOR PLAN - FIRE ALARM
 SCALE: 1/8" = 1'-0"

- NUMBERED NOTES**
- REFER TO FIRE RATED STUD WALL CONDUIT PENETRATION DETAIL 1/3.2.
 - DEVICE PROVIDED BY A DISCIPLINE OTHER THAN ELECTRICAL.
 - CONNECT EXISTING DEVICES TO NEW FIRE ALARM SYSTEM. PROVIDE ADDRESSABLE MONITOR MODULE.
 - TERMINATE ALL INITIATION CIRCUITS AND NOTIFICATION APPLIANCE CIRCUITS AT THE NEW FACP. NOTE: NEW FACP PROVIDED UNDER A DIFFERENT CONTRACT FROM THIS PROJECT.
 - LOCATED IN ATTIC SPACE ABOVE CEILING UNLESS OTHERWISE STATED.
 - LOCATED IN MEZZANINE CEILING.
 - LOCATED IN CEILING-ROOM 1864.



WIRING SCHEDULE

WIRE TYPE 'A' = 4/C x # 18, PVC JACKET
WIRE TYPE 'B' = 2/C x # 16, PVC JACKET
WIRE TYPE 'C' = 2/C x # 12, PVC JACKET

2 FIRE ALARM RISER DIAGRAM
 NO SCALE

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DREYFUSS & BLACKFORD

ARCHITECTS

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 95816
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REGISTERED PROFESSIONAL ENGINEER
 No. 8707
 Exp. 12-31-98
 ELEC
 STATE OF CALIFORNIA

M. Nollis
 Engineering, Inc.
 10 Fullerton Court
 Suite 201
 Sacramento, CA 95825
 (916) 923-4400
 PROJECT #: 04148.21

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A# 02-106610

AP *[Signature]* PLS *[Signature]* SS *[Signature]*
 DATE 12/19/2004

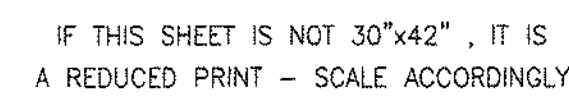
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**SOLANO COMMUNITY COLLEGE
 BUILDING 1800-B
 SWING SPACE RENOVATION
 INCREMENT #1**

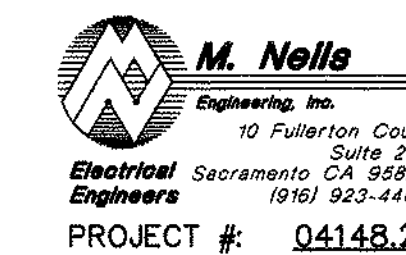
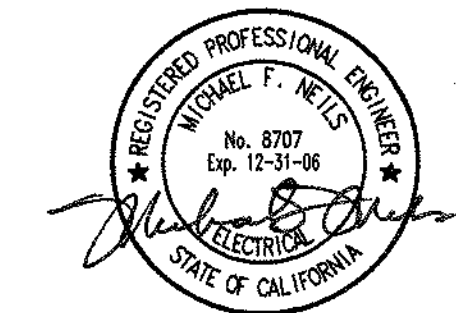
**FIRST FLOOR PLAN - FIRE
 ALARM AND RISER DIAGRAM**

A4745.01
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 09 DECEMBER 2004

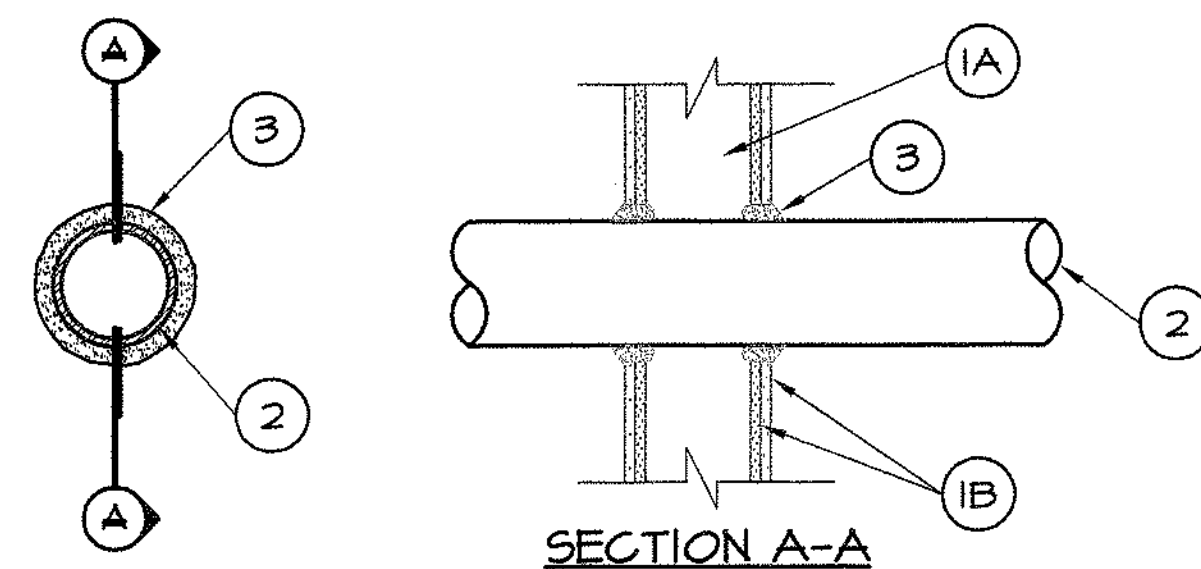
E3.1



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F RATINGS-1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS-0, 1, 2, 3 AND 4 HR (SEE ITEM 3)
L RATING AT AMBIENT-LESS THAN 1 CFM/SQ FT (SEE ITEM 3)
L RATING AT 400 F-LESS THAN 1 CFM/SQ FT (SEE ITEM 3)



"THROUGH PENETRATION FIRE STOP SYSTEM" DETAIL IS FOR REFERENCE ONLY. PENETRATIONS THROUGH FIRE-RATED FLOORS AND WALLS SHALL BE PROTECTED IN ACCORDANCE WITH CBC SECTIONS 109.6 AND 110.2. SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPROVED LISTING. MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPROVED LISTING SHALL BE PROVIDED FOR REVIEW BY INSPECTION AUTHORITIES. SUBSTITUTIONS OF OR REVISIONS OR ADDITIONS TO APPROVED SYSTEMS SHALL BE SUBMITTED TO THE INSPECTOR OF RECORD AND THE FIRE MARSHAL FOR FIELD REVIEW AND APPROVAL.

3. **FILL, VOID OR CAVITY MATERIAL**—CAULK-CAULK FILL MATERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN 1/4 INCH DIAMETER BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM WALL. CAULK INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON HOURLY FIRE RATINGS OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY RATING OF FIRESTOP SYSTEM IS DEPENDANT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED AS TABULATED BELOW.

MAX PIPE OR CONDUIT DIAM. (INCH)	ANNULAR SPACE	F RATING, HR	T RATING HR
1	0 TO 3/16	1 OR 2	0+, 1 OR 2
1	1/4 TO 1/2	3 OR 4	3 OR 4
4	0 TO 1/4	1 OR 2	0
6	1/4 TO 1/2	3 OR 4	0
12	3/16 TO 3/8	1 OR 2	0

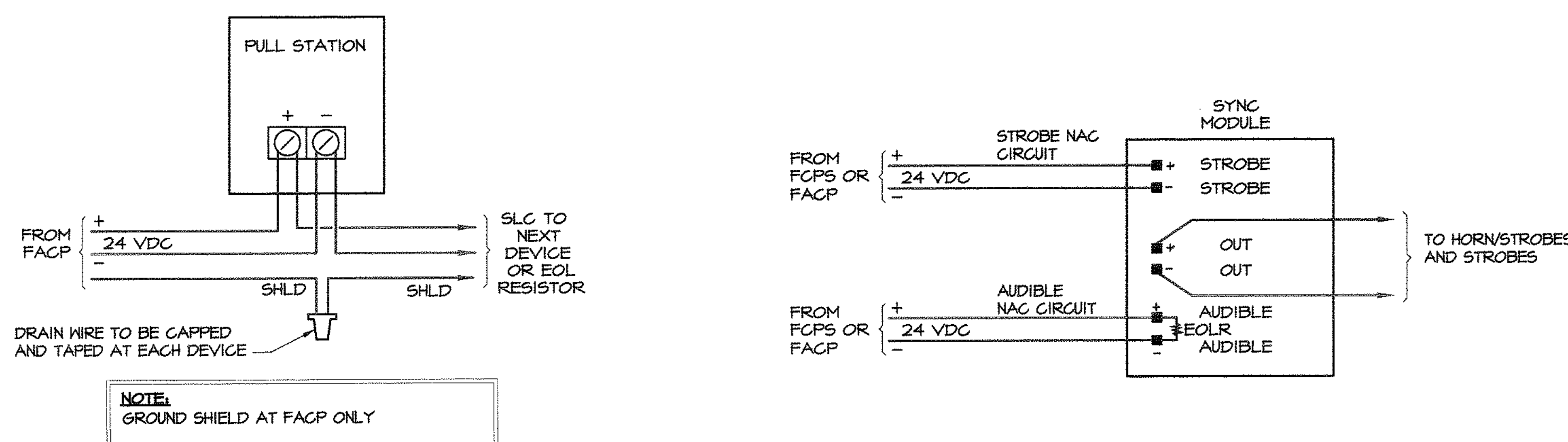
+WHEN COPPER PIPE IS USED, T RATING IS O H.
MINNESOTA MINING AND MFG. CO. TYPE CP-25 WB+

* BEARING THE UL CLASSIFICATION MARK

1. FURNISH AND INSTALL NEW FIRE ALARM DEVICES AND CONNECT TO EXISTING FIRE ALARM CONTROL EQUIPMENT IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
2. SUBMIT FIRE ALARM SYSTEM PLANS TO DSA FOR APPROVAL IN ACCORDANCE WITH DSA GUIDELINES AND REGULATIONS AND REFERENCE IN THE SPECIFICATION.
3. COORDINATE WITH THE MANUFACTURER'S REPRESENTATIVE AND/OR SUPPLIER BEFORE BIDDING AND SUBMITTALS FOR REVIEW.
4. PROVIDE FIRE ALARM SYSTEM WHICH CONFORMS TO THE FOLLOWING APPLICABLE CODES: CBC 2001, CBC 2001; CMC 2001; CFC 2001 STATE FIRE MARSHAL TITLE 19, PUBLIC SAFETY NFPA 72, 1994 EDITION IN ACCORDANCE WITH CALIFORNIA AMENDMENTS.
5. DO NOT START INSTALLATION OF THE FIRE ALARM SYSTEM UNTIL DETAILED PLANS AND SPECIFICATIONS, INCLUDING CALIFORNIA STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM, HAVE BEEN APPROVED BY THE AORDSA.
6. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, CONDUCT A SATISFACTORY TEST OF THE ENTIRE SYSTEM IN THE PRESENCE OF THE LOCAL FIRE AUTHORITY AND THE DSA INSPECTOR OF RECORD (IOR).
7. PROVIDE A SIGNED COMPLETED CERTIFICATE OF COMPLETION TO THE DIVISION OF THE STATE ARCHITECTS OFFICE (DSA) UPON COMPLETION OF THE INSTALLATION IN OPERATIONAL ACCEPTANCE TESTS (NFPA SECTION 1-7.2.1).
8. SUBMIT ALL ALTERATIONS OF APPROVED CONSTRUCTION DOCUMENTS BY AORD/SA TO ORS FOR NEW APPROVALS, DO NOT START INSTALLATION OF THE SYSTEM UNTIL DETAILED PLANS, SPECIFICATIONS AND NEW SHOP DRAWINGS AND SUBMITTALS HAVE BEEN APPROVED BY ORS/DSEA. CONTRACTOR SHALL HAVE TOTAL RESPONSIBILITY FOR ANY DELAY.
9. THE ELECTRICAL SPECIFICATIONS ARE A VITAL PART OF THESE CONTRACT DOCUMENTS. THEY ARE FOUND IN THE BOUND PROJECT MANUAL. BECOME INTIMATELY FAMILIAR WITH THE SPECIFICATIONS PRIOR TO ANY WORK.
10. PROVIDE AUDIBLE FIRE ALARM SOUND LEVEL AT LEAST IS dBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL IN ALL OCCUPIED AREAS, BUT NOT LESS THAN 75 dBA AT 10 FEET OR MORE THAN 10 dBA IN TOTAL, THROUGHOUT. SYNCHRONIZED TEMPORAL CODE 3 SOUND. (NFPA 72 SEC. 6-3.1.2)
11. PROVIDE STROBES WHICH FLASH AT A RATE NOT TO EXCEED TEN FLASHES PER SECOND NOR BE LESS THAN ONE FLASH EVERY SECOND. (CBC SEC. 3504 AMENDMENTS)
12. PROVIDE WATER-TIGHT FITTINGS AS SPECIFIED FOR EXTERIOR AND UNDERGROUND CONDUITS.

		INITIATION				
		FIRE SPRINKLER TAMPER & FLOW SWITCH	SMOKE DETECTOR	HEAT DETECTOR	DUCT DETECTOR	ANY SYSTEM TROUBLE OR FAILURE
RESPONSE	ANNUNCIATE AT FACP	YES	YES	YES	YES	YES
	ACTIVATE AUDIO VISUAL THROUGHOUT	YES	YES	YES	YES	NO
	TRANSMIT ALARM TO CENTRAL DEPT.	YES	YES	YES	YES	YES
	SHUT DOWN ASSOCIATED AIR HANDLER	NO	NO	NO	YES	NO
	ACTIVATE FIRE/SMOKE DAMPER	YES	YES	YES	YES	NO
	REMOTE ANNUNCIATOR	YES	YES	YES	YES	YES

NO SCALE



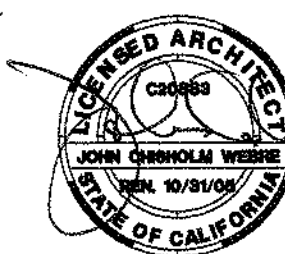
2 POINT
E3.2 NO SCALE

4
E3.2

BATTERY CALCULATION (FOR FACP, B300)						
DESCRIPTION	QUANTITY	STANDBY CURRENT	SUBTOTAL		ALARM CURRENT	SUBTOTAL
FACP	1	0.140	0.140 A		0.260	0.260 A
DUCT DETECTORS	8	0.000045	0.000 A		0.000045	0.000 A
SMOKE DETECTOR	35	0.000045	0.002 A		0.000045	0.002 A
HEAT DETECTOR	10	0.000045	0.000 A		0.000045	0.000 A
ANNUNCIATOR	1	0.092	0.092 A		0.105	0.105 A
HORN STROBE 110	2	0	0.000 A		0.179	0.358 A
HORN STROBE 75	1	0	0.000 A		0.133	0.133 A
HORN STROBE 30	1	0	0.000 A		0.088	0.088 A
HORN STROBE 15	2	0	0.000 A		0.065	0.130 A
STROBE 110	3	0	0.000 A		0.14	0.420 A
STROBE 75	5	0	0.000 A		0.109	0.545 A
STROBE 30	3	0	0.000 A		0.063	0.189 A
STROBE 15	4	0	0.000 A		0.041	0.164 A
END OF LINE RESISTORS	2	0.005	0.010 A		0.005	0.010 A
DUAL SYNC MODULE	1	0.035	0.035 A		0.035	0.035 A
HORN	6	0	0.000 A		0.024	0.144 A
		TOTAL	0.139 A		TOTAL	2.323 A
STANDBY	24	HOURS X	0.139 A	=	3.345	AH
ALARM	5	MIN X	2.323 A	=	0.194	AH
		TOTAL		=	3.539	AH
		BATTERY		=	6 AH @ 24V	

DEVICE#	TO	DEVICE	FT	WIRE SIZE, #12 FPL	RESISTANCE, OF WIRE (OHM)	LOAD ON DEVICE	LOAD ON RUN (AMPS)	VOLTAGE DROPT (VOLTS)	ACCUUM VOLTAGE DROPT
FACP	1	SYNC Module	45	001998	0.040	0.935	0.035	0.001	0.00
1	2	HS 02 15cd	45	001998	0.178	0.065	0.100	0.018	0.019
2	3	STROBE 30 cd	45	001988	0.178	0.063	0.183	0.029	0.048
3	4	STROBE 15 cd	45	001998	0.178	0.063	0.226	0.040	0.089
4	5	HS 02 15cd	50	001998	0.056	0.261	0.056	0.055	0.148
5	6	HS 02 15cd	70	001998	0.079	0.063	0.193	0.013	0.092
6	7	HS 02 15cd	75	001998	0.297	0.085	0.229	0.068	0.100
7	8	HS 02 75cd	70	001998	0.277	0.133	0.361	0.100	0.200
8	9	HORN	40	001988	0.158	0.026	0.387	0.061	0.261
9	10	HS 02 75cd	80	001998	0.217	0.133	0.52	0.165	0.426
10	11	HS 02 30cd	70	001998	0.078	0.063	0.893	0.049	0.473
11	12	HORN	35	001998	0.138	0.026	0.619	0.084	0.557
12	13	HS 02 75cd	70	001998	0.277	0.133	0.742	0.206	0.762
13	14	HS 02 75cd	75	001998	0.297	0.133	0.675	0.206	1.022
14	15	HS 02 30cd	50	001998	0.199	0.063	0.938	0.166	1.208
15	16	HS 02 15cd	20	001998	0.078	0.133	0.071	0.065	1.893
16	17	HS 02 15cd	85	001998	0.257	0.065	0.138	0.022	0.882
17	18	HORN	20	001998	0.079	0.026	1.152	0.052	2.777

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICE
A# 02-106610
AC FLS SS
DATE 12/9/2006



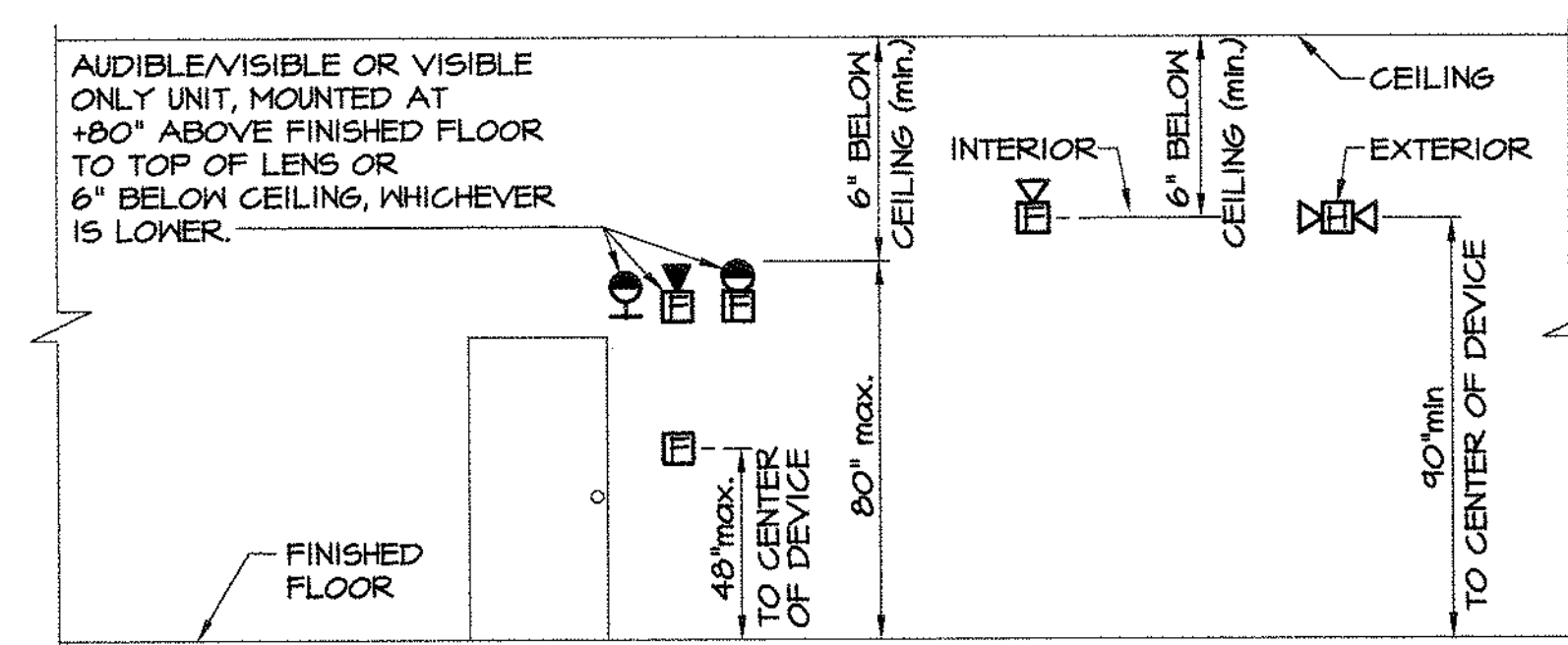
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**SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1**

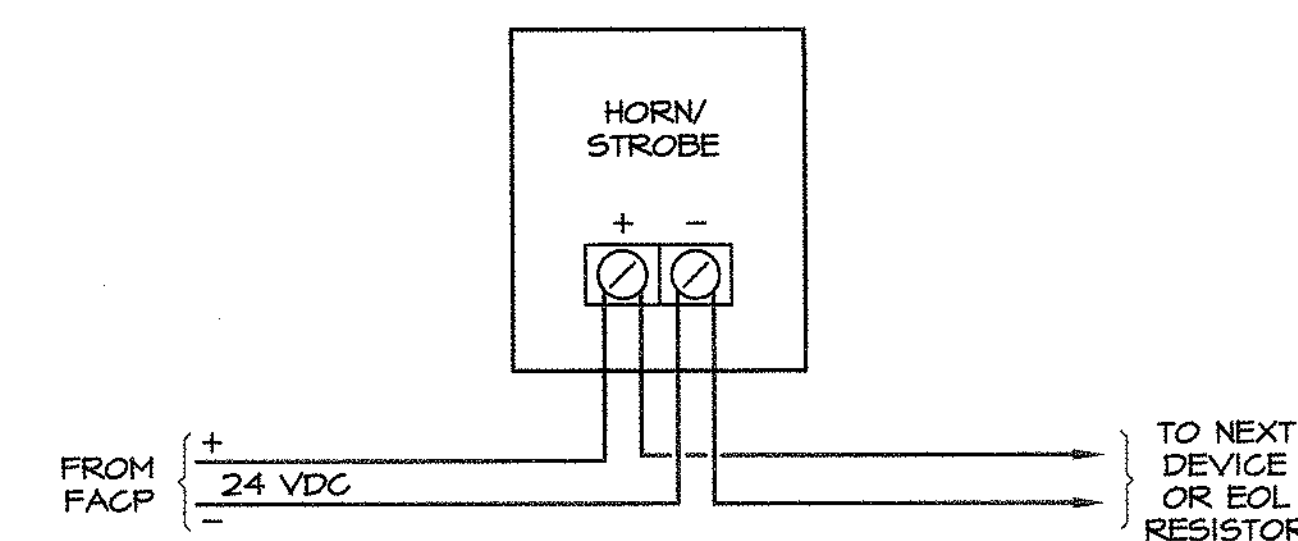
**FIRE ALARM SCHED., NOTES,
DETAILS AND CALCULATIONS**

A4745.01
AS NOTED
09 DECEMBER 2004

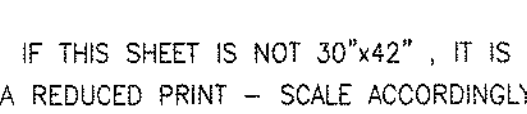
E3.2



3 STR
E3.2 NO SCALE



5 POLI
3.2 NO SCAL



EXISTING PANEL "18LE" SCHEDULE (REMODEL CONDITION)									
POWER SOURCE: PANEL "18DLA"					LOCATION: AIR POWER ROOM 1876				
TYPE:	BUS:	MAIN BKR	VOLTAGE: 277/480 VOLT, 3 PHASE, 4 WIRES			MOUNTING:		REMARKS:	
2	100A	MLO				SURFACE			
LOAD SERVED		KVA	CB	CT	PHASE	CT	CB	KVA	LOAD SERVED
SPACE		0.0		1	A	2		0.0	
		0.0	(E) 20/3	3	B	4	(N) 20/3	0.0	(N) EF-7
		0.0		5	C	6		0.0	
(E)	0.0			7	A	8		0.0	(E)
(E)	0.0		(E) 20/3	9	B	10	(E) 20/3	0.0	(E)
(E)	0.0			11	C	12		0.0	(E)
(E)	0.0			13	A	14		0.0	(E)
(E)	0.0		(E) 20/3	15	B	16	(E) 20/3	0.0	(E)
(E)	0.0			17	C	18		0.0	(E)
(E)	0.0			19	A	20		0.0	(E)
(E)	0.0		(E) 20/3	21	B	22	(E) 20/3	0.0	(E)
(E)	0.0			23	C	24		0.0	(E)
(N) CHWP-1	2.0			25	A	26	FFB	0.0	(E)
	2.0		(N) 30/3	27	B	28	FFB	0.0	(E)
	2.0			29	C	30	FFB	0.0	(E)
(E)	0.0		FFB	31	A	32	FFB	0.0	(E)
NOTES: 1. ALL CIRCUIT BREAKERS SHOWN ARE EXISTING, UNLESS NOTED OTHERWISE 2. INSTALL NEW CIRCUIT BREAKER WITH ALL MOUNTING HARDWARE TO MATCH EXISTING TYPE AND KAIC RATING									
							PHASE A=	KVA	
							PHASE B=	KVA	
							PHASE C=	KVA	
							TOTAL =	KVA	
							TOTAL =	Amperes	

(N) PANEL "18RA" SCHEDULE (SECTION 2)									
POWER SOURCE: (E) DISTRIBUTION PANEL "18DRA"					LOCATION: CONTROL ROOM 1866				
TYPE 1	BUS 225	MAIN LUGS	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES			MOUNTING SURFACE		REMARKS: 22k A/C MIN. SYMM	
LOAD SERVED		kVA	CB	CT	PHASE	CI	CB	kVA	LOAD SERVED
F.A. PANEL		0.2	20/1	43	A	44	20/1	1.2	VIDEO PROJECTOR
SPARE		0.0	20/1	45	E	48	20/1	1.2	VIDEO PROJECTOR
SPARE		0.0	20/1	47	C	49	20/1	1.2	VIDEO PROJECTOR
AHU-1, LIGHTS		0.3	20/1	49	A	50	20/1	1.2	VIDEO PROJECTOR
AHU-1, RECEPT		0.4	20/1	51	B	52	20/1	1.2	VIDEO PROJECTOR
AHU-1, CONTROL		0.2	20/1	53	C	54	20/1	1.2	VIDEO PROJECTOR
FUTURE CARD READER		0.3	20/1	55	A	56	20/1	1.2	VIDEO PROJECTOR
SPARE		0.0	20/1	57	B	58	20/1	1.2	VIDEO PROJECTOR
SPARE		0.0	20/1	59	C	60	20/1	1.2	VIDEO PROJECTOR
SPARE		0.0	20/1	61	A	62	20/1	0.2	VEV CONTROL POWER
SPARE		0.0	20/1	63	B	64	20/1	0.1	CEP-1
SPARE		0.0	20/1	65	C	66	20/1	0.0	SPARE
SPARE		0.0	20/1	67	A	68	20/1	0.1	SAC-1
SPARE		0.0	20/1	69	B	70	20/2	1.7	SCU-1
SPARE		0.0	20/1	71	C	72		1.7	
SPARE		0.0	20/1	73	A	74	PFB	0.0	SPACE
SPARE		0.0	20/1	75	B	76	PFB	0.0	SPACE
SPARE		0.0	20/1	77	C	78	PFB	0.0	SPACE
SPARE		0.0	20/1	79	A	80	PFB	0.0	SPACE
SPARE		0.0	20/1	81	B	82	PFB	0.0	SPACE
SPARE		0.0	20/1	83	C	84	PFB	0.0	SPACE
NOTE(S):							PHASE A= 4.7 kVA		
							PHASE B= 5.8 kVA		
							PHASE C= 5.5 kVA		
							TOTAL = 16.0 kVA = 44.5 Amperes		

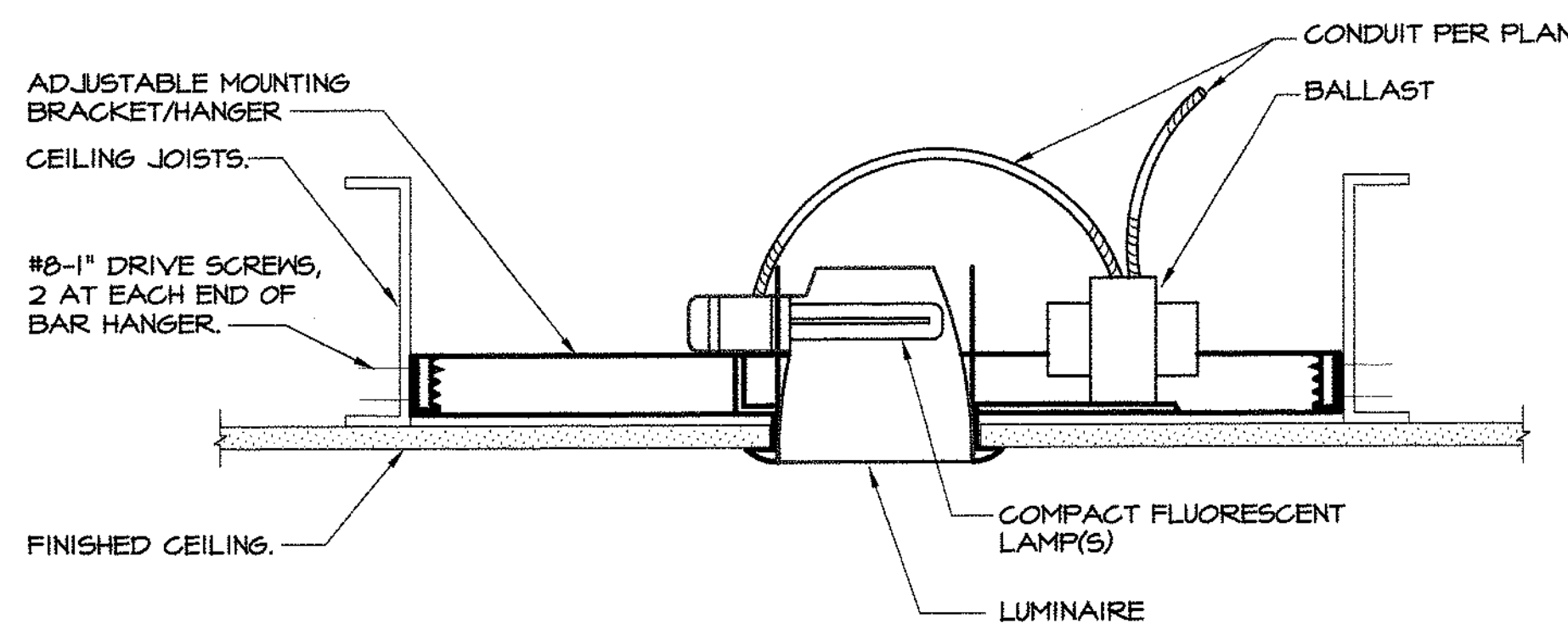
EXISTING PANEL "1BRK" SCHEDULE (EXISTING CONDITION)										
POWER SOURCE: PANEL 18RDA						LOCATION: AUTO PANEL SHIP RM. 1855				
TYPE 1	BUS 225A	MAIN BRK MLO	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES				MOUNTING: FLUSH		REMARKS	
LOAD SERVED		KVA	CB	CT	PHASE	CT	CB	KVA	LOAD SERVED	
(F)	(F)	201	1	A	2	2011	0.3	(F) EF-2		
(F)	(F) EF-8	0.3	201	3	B	4	2011	0.3	(F) EF-11	
(F)	(F) EF-13	0.3	201	5	C	8	2011	0.3	(F) EF-14	
(F)	(F)	201	7	A	8	2011	(F)	(F)		
(F)	(F) EF-1	0.1	201	9	B	10	2011	0.3	(F) EF-3	
(F)	(F)	201	11	C	12	2011	(F)	(F)		
(F)	(F)	201	13	A	14	2011	0.3	(F) EF-12		
(F)	(F) EF-10	0.3	201	15	B	16	2011	(F)	(F)	
(F)	(F)	201	17	C	18	2011	(F)	(F)		
(F)	(F)	201	19	A	20	2011	(F)	(F)		
(F)	(F)	201	21	B	22	2011	(F)	(F)		
(F)	(F)	201	23	C	24	2011	(F)	(F)		
(F)	(F)	201	25	A	26		0.1			
	(F)		27	B	28	2013	0.1	(F) EF-17		
(F)	(F)	2013	29	A	30		0.1			
	(F)		31	C	32		(F)			
(F)	(F)	201	33	E	34	2013	(F)	(F)		
(F)	(F)	201	35	C	36		(F)			
NOTE(S) 1. ALL CIRCUIT BREAKERS SHOWN ARE EXISTING, UNLESS NOTED OTHERWISE								PHASE A= KVA PHASE B= KVA PHASE C= KVA		
								TOTAL = KVA TOTAL = Amperes		

(E) PANEL "18RD" SCHEDULE										
POWER SOURCE: (E) DISTRIBUTION PANEL "18DRA"							LOCATION: INSTRUMENT ROOM 1854E			
TYPE: 1	BUS: 225	MAIN LUGS	VOLTAGE: 208Y/120 VOLT, 3 PHASE, 4 WIRES				MOUNTING: SURFACE		REMARKS: 22k AIC MIN. SYMM	
LOAD SERVED		kVA	CB	CT	PHASE	CT	CB	kVA	LOAD SERVED	
(E) RECEPTACLES	0.2	20/1	1	A	2	20/1	0.2	(E) RECEPTACLES		
(E) RECEPTACLES	0.4	20/1	3	B	4	20/1	0.2	(E) RECEPTACLES		
(E) RECEPTACLES	0.2	20/1	5	C	6	20/1	0.2	(E) RECEPTACLES		
(E) RECEPTACLES	0.2	20/1	7	A	8	20/1	0.5	(E) RECEPTACLES		
(E) RECEPTACLES	0.5	20/1	9	B	10	20/1	0.4	(E) RECEPTACLES		
(E) RECEPTACLES	0.5	20/1	11	C	12	20/1				
RECEPTACLES	1.1	20/1	13	A	14	20/1	1.1	RECEPTACLES		
RECEPTACLES	1.1	20/1	15	B	16	20/1	1.1	RECEPTACLES		
RECEPTACLES	0.9	20/1	17	C	18	20/1	0.9	RECEPTACLES		
RECEPTACLES	0.7	20/1	19	A	20	20/1				
		20/1	21	B	22	20/1				
		20/1	23	C	24	20/1				
		20/1	25	A	26	20/1				
		20/1	27	B	28	20/1				
		20/1	29	C	30	20/1				
(E) RECEPTACLES	0.3	20/3	31	A	32	20/3	0.3	(E) RECEPTACLES		
0.3	33		B	34	0.3					
0.3	35		C	36	0.3					
	0.3	20/3	37	A	38	20/1				
(E) LOAD	0.3		39	B	40		20/1			
0.3	41		C	42	20/1					
NOTE(S):							PHASE A= 4.1 kVA			
1. ALL CIRCUIT BREAKERS SHOWN ARE EXISTING UNLESS NOTED OTHERWISE							PHASE B= 5.2 kVA			
2.							PHASE C= 3.6 kVA			
3.							TOTAL = 13.0 kVA			
							TOTAL = 36.0 Amperes			

 **M. Nells**
Engineering, Inc.
10 Fullerton Co
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(916) 923-44
Electrical Engineers
PROJECT #: 04148.

DATE 11/11/2011

E4.0

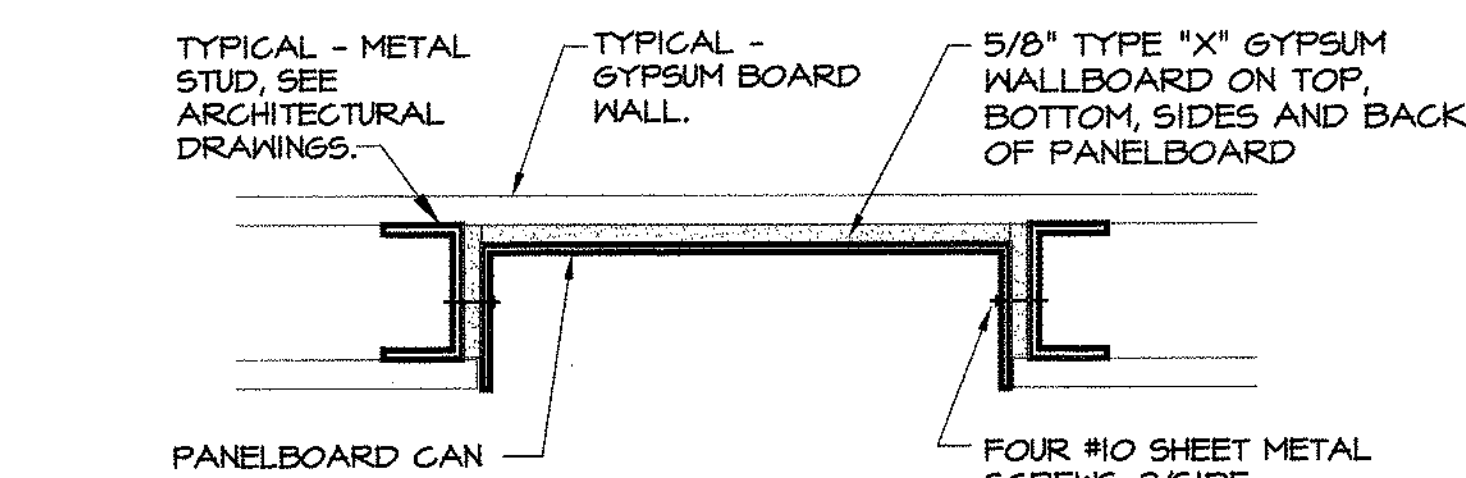


RECESSED COMPACT FLUORESCENT

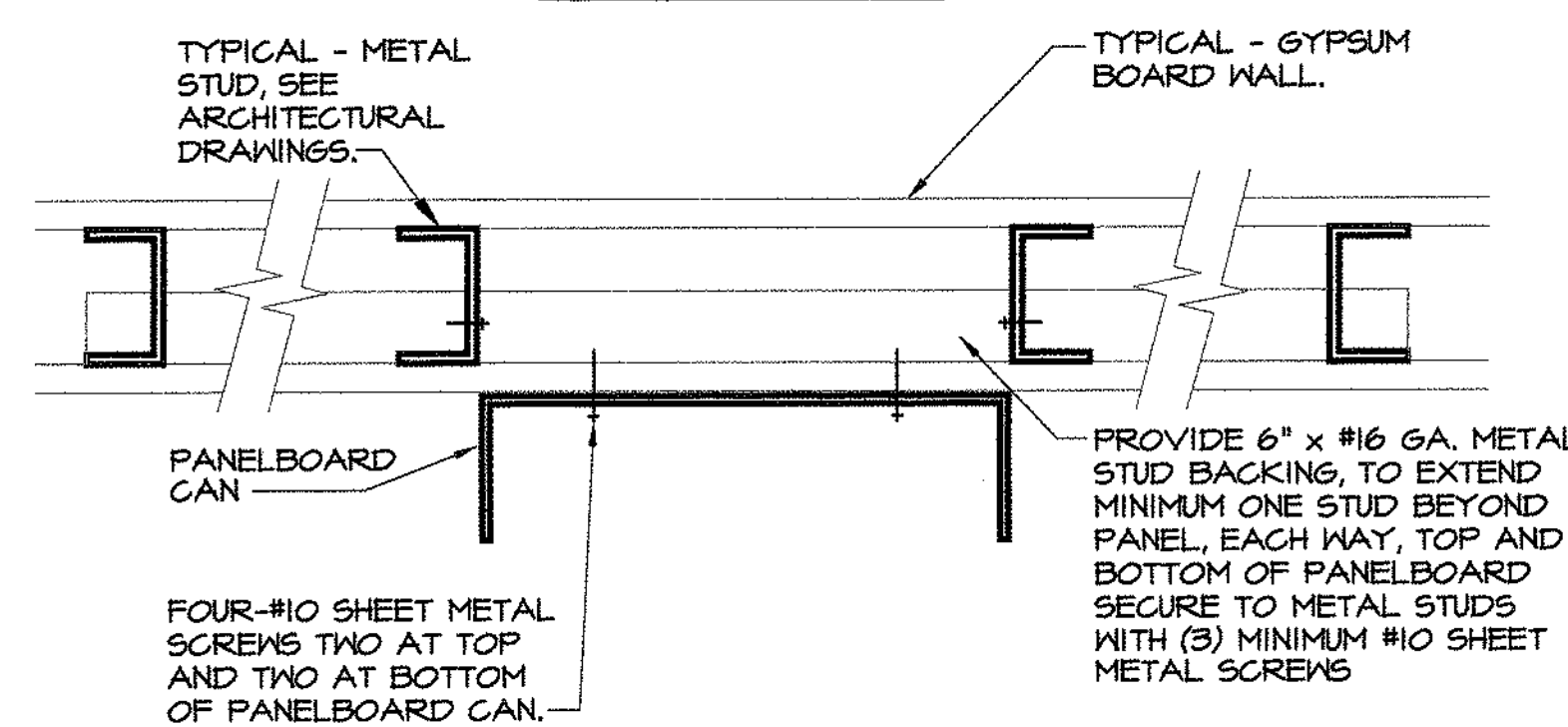
LUMINAIRE MOUNTING DETAIL

(METAL FRAMING)

1
E5.0
NO SCALE



FLUSH MOUNTING

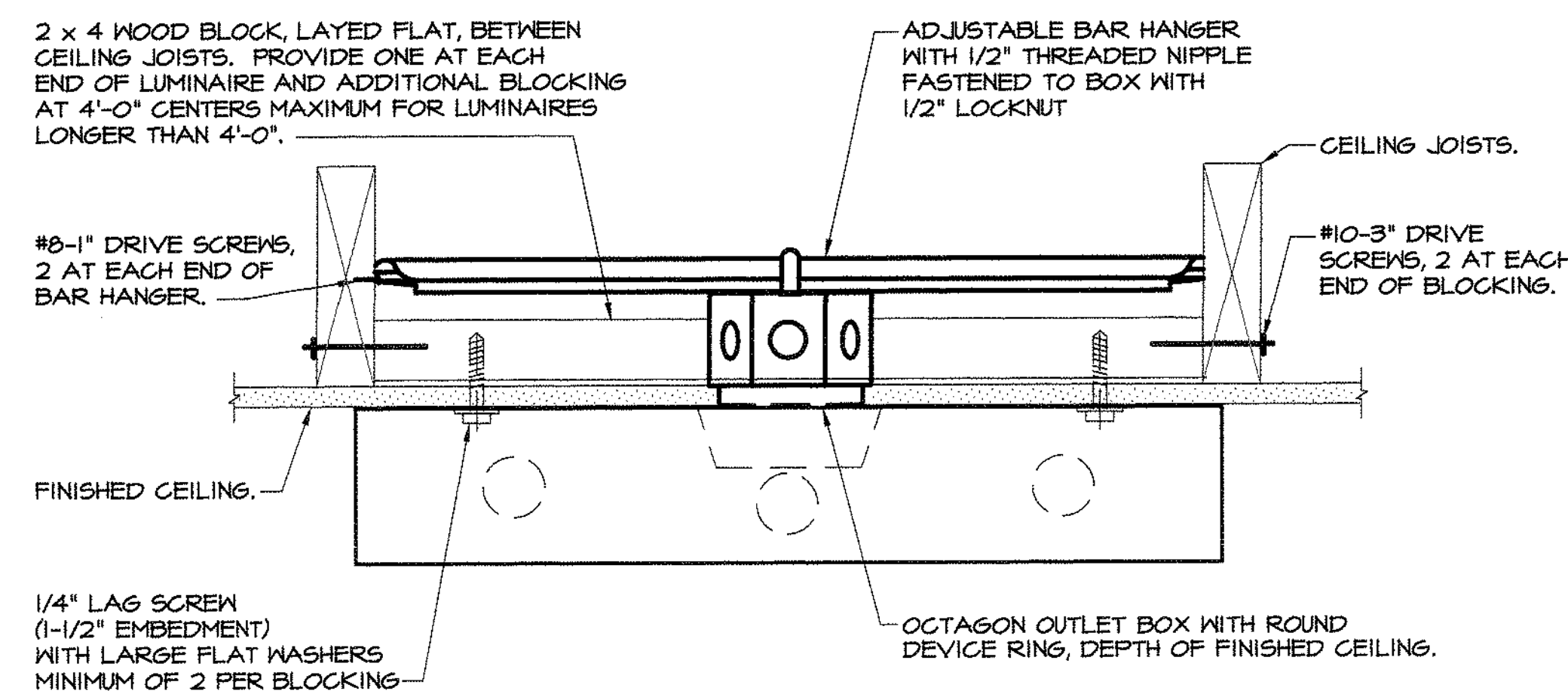


SURFACE MOUNTING

PANELBOARD MOUNTING DETAIL

(METAL FRAMING)

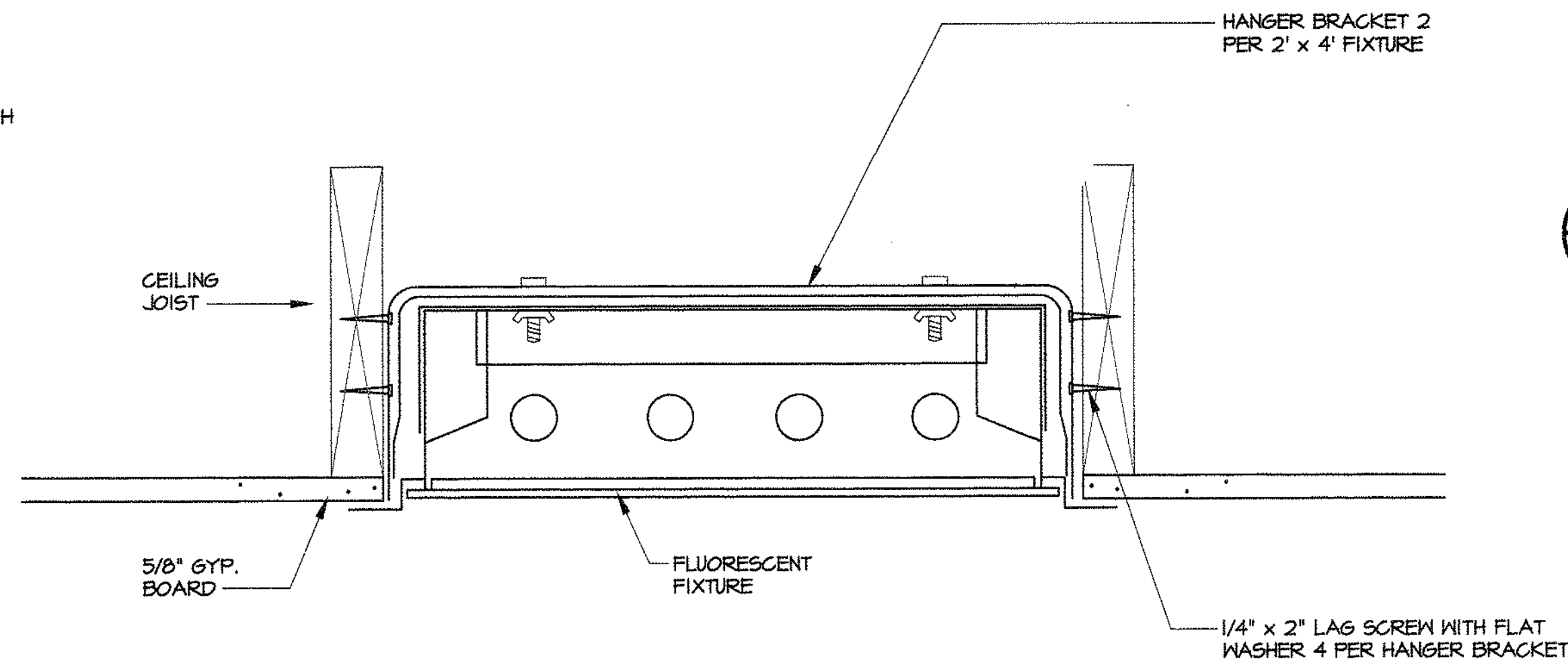
2
E5.0
NO SCALE



SURFACE LUMINAIRE MOUNTING DETAIL

(WOOD FRAMING)

4
E5.0
NO SCALE



TYPICAL RECESS MOUNTED FLUORESCENT

FIXTURE IN GYPSUM BOARD CEILING

5
E5.0
NO SCALE

DETAIL KEY NOTES:

1. WALL ASSEMBLY-THE 1, 2, 3 OR 4 HOUR RATED GYPSUM WALLBOARD/STUD ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL UB00 OR U400 SERIES WALL OR 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 (MAX 2 HOUR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 INCH LUMBER SPACED 16 INCHES ON CENTER WITH NOMINAL 2 BY 4 INCH LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN. 3-5/8 INCH WIDE BY 1-3/8 INCH DEEP CHANNELS SPACED MAX 24 INCH ON CENTER.

B. GYPSUM BOARD- NOMINAL 1/2 OR 5/8 INCH THICK, 4 FEET WIDE WITH SQUARE OR TAPERED EDGES THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL UB00 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX. OPENING IS 13-1/2 IN.

2. PIPE OR CONDUIT- NOMINAL 12 INCH DIAMETER (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOMINAL 12 INCH DIAMETER (OR SMALLER) STEEL CONDUIT, NOMINAL 4 INCH DIAMETER (SMALLER) STEEL ELECTRICAL METALLIC TUBING OR TYPE L OR (HEAVIER) COPPER TUBING OR NOMINAL 1 INCH DIAMETER (OR SMALLER) FLEXIBLE STEEL CONDUIT. WHEN COPPER PIPE OR FLEXIBLE STEEL CONDUIT IS USED, MAX F RATINGS OF FIRESTOP SYSTEM (ITEM #3) IS 2 H. STEEL PIPES OR CONDUITS LARGER THAN NOMINAL 4 INCH DIAMETER MAY ONLY BE USED IN WALLS CONSTRUCTED USING STEEL CHANNEL STUDS. A MAX OF ONE PIPE OR CONDUIT IS PERMITTED IN THE FIRESTOP SYSTEM. PIPE OR CONDUIT TO BE INSTALLED NEAR CENTER OF STUD CAVITY WIDTH AND TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.

3. FILL VOID OR CAVITY MATERIAL- CAULK-CAULK FILL MATERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN 1/4 INCH DIAMETER BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM WALL. CAULK INSTALL SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F RATINGS OF THE FIRESTOP SYSTEM IS DEPENDENT UPON HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS SHOWN IN THE FOLLOWING TABLE. THE HOURLY RATING OF FIRESTOP SYSTEM IS DEPENDANT UPON THE TYPE OR SIZE OF THE PIPE OR CONDUIT AND THE HOURLY FIRE RATINGS OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED AS TABULATED BELOW.

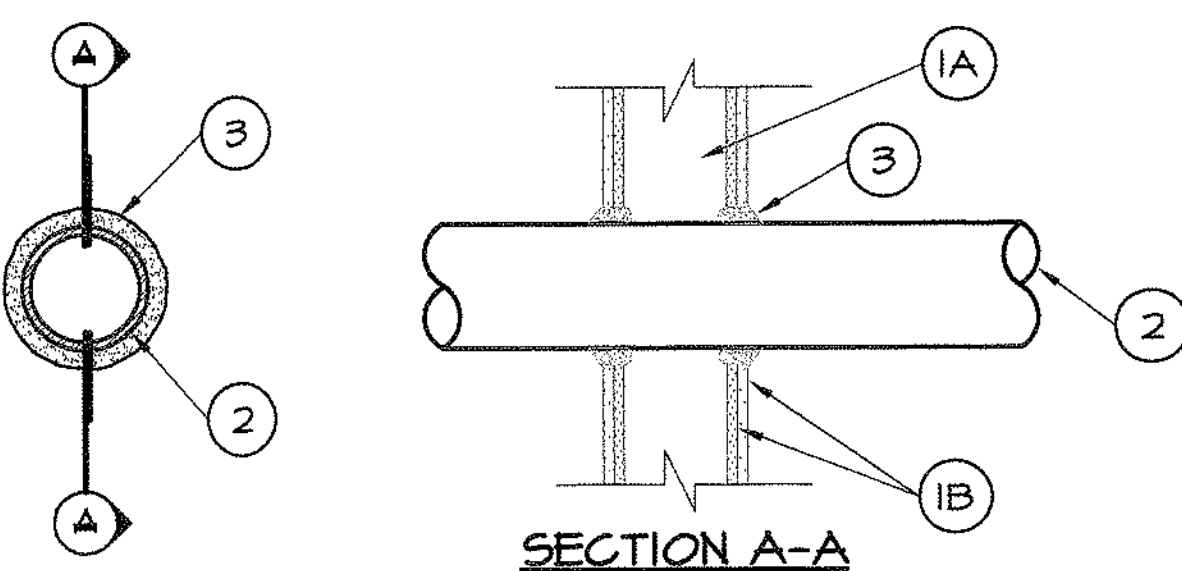
MAX PIPE OR CONDUIT DIAM. (INCH)	ANNULAR SPACE	F RATING, HR	T RATING, HR
1	0 TO 3/16	1 OR 2	0, 1 OR 2
1	1/4 TO 1/2	3 OR 4	3 OR 4
4	0 TO 1/4	0 OR 2	0
6	1/4 TO 1/2	3 OR 4	0
12	3/16 TO 3/8	1 OR 2	0

WHEN COPPER PIPE IS USED, T RATING IS 0 H. MINNESOTA MINING AND MFG. CO. TYPE CP-25 W-B.

* BEARING THE UL CLASSIFICATION MARK

UL FIRE STOP SYSTEM # W1000

F RATINGS-1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3)
T RATINGS-0, 1, 2, 3 AND 4 HR (SEE ITEM 3)
L RATING AT AMBIENT-LESS THAN 1 CFM/50 FT (SEE ITEM 3)
L RATING AT 400 F-LESS THAN 1 CFM/50 FT (SEE ITEM 3)



GENERAL NOTE

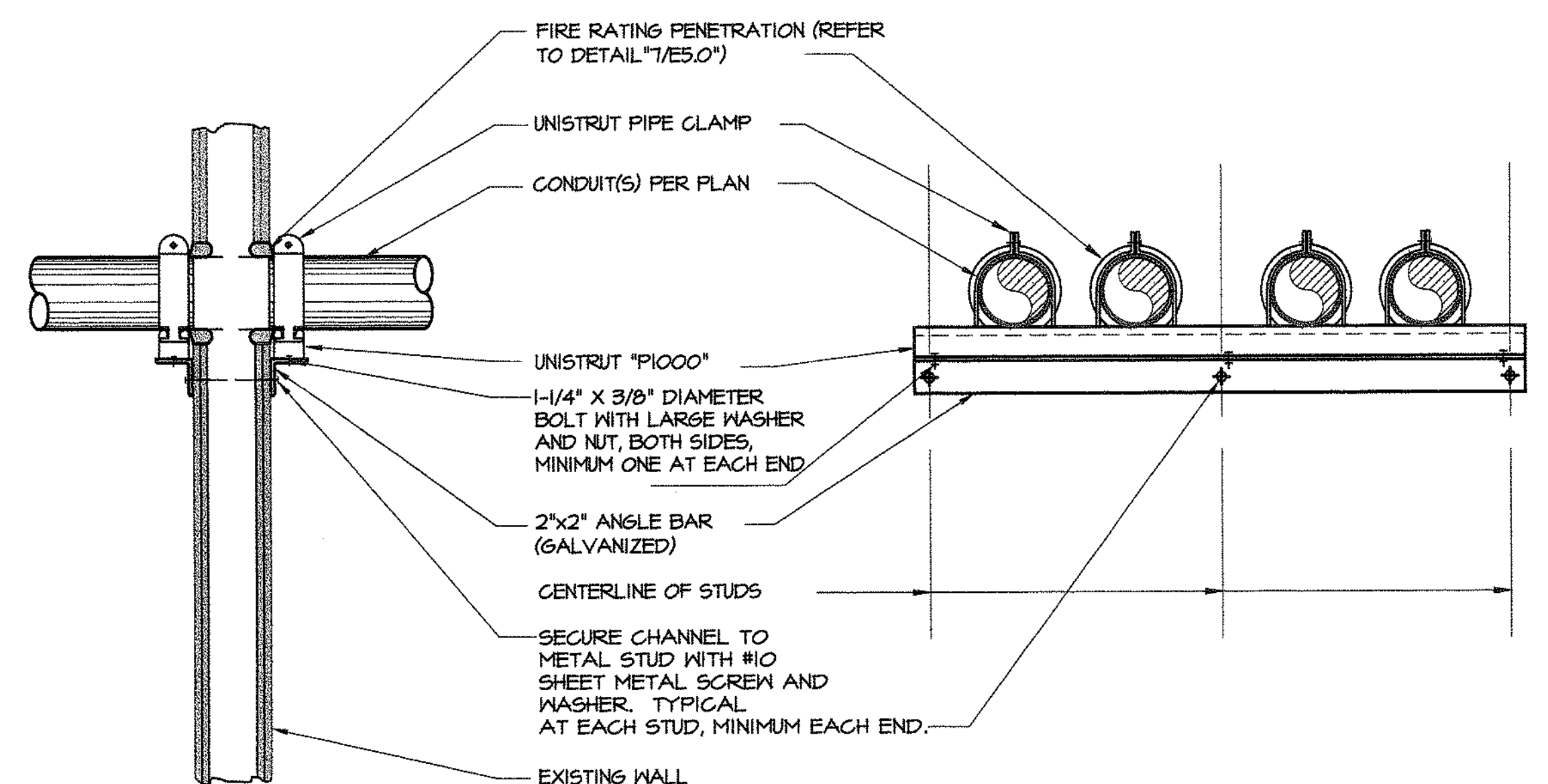
"THROUGH PENETRATION FIRE STOP SYSTEM" DETAIL IS FOR REFERENCE ONLY. PENETRATIONS THROUGH FIRE-RATED FLOORS AND WALLS SHALL BE PROTECTED IN ACCORDANCE WITH CBC SECTIONS 104.6 AND 110.2. SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPROVED LISTING. MANUFACTURER'S INSTALLATION INSTRUCTIONS AND APPROVED LISTING SHALL BE PROVIDED FOR REVIEW BY INSPECTION AUTHORITIES. SUBSTITUTIONS OF OR REVISIONS OR ADDITIONS TO APPROVED SYSTEMS SHALL BE SUBMITTED TO THE INSPECTOR OF RECORD AND THE FIRE MARSHAL FOR FIELD REVIEW AND APPROVAL.

FIRE-RATED STUD WALL CONDUIT PENETRATION DETAIL

7
E5.0
NO SCALE

CHAIN MOUNTED LUMINAIRE DETAIL

6
E5.0
NO SCALE



SIDE VIEW

FRONT VIEW

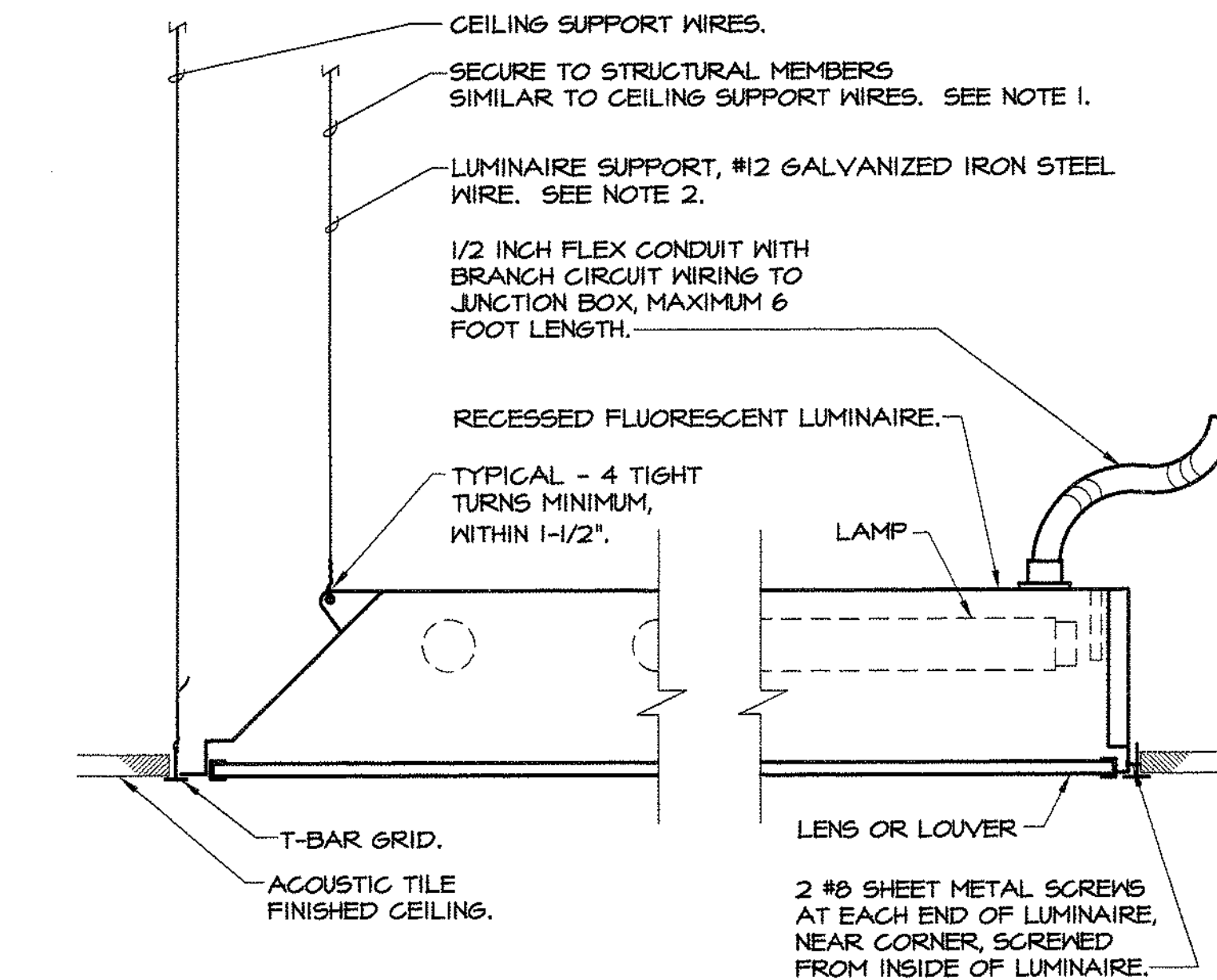
CONDUIT PENETRATION THROUGH METAL STUD WALL

8
E5.0
NO SCALE

NOTES

1. INSTALL LUMINAIRE SUPPORTS IN ACCORDANCE WITH THE REQUIREMENTS OF INTERPRETATION OF REGULATIONS IR-M-3, TITLE 24, PARTS 1 AND 2, CALIFORNIA CODE OF REGULATIONS.
2. SUPPORT RECESSED LUMINAIRES IN ACCORDANCE WITH THE FOLLOWING TABLE:

TYPE OF CEILING	LUMINAIRE SIZE	LUMINAIRE WEIGHT	WIRE HANGERS
HEAVY DUTY	2 x 4 OR LESS	< 56 LBS.	2 #12 GA. (BLACK)
HEAVY DUTY	4 x 4	< 56 LBS.	4 #12 GA. (BLACK)
ALL	ALL	> 56 LBS.	4 #12 GA. (TAUT)
INTERMEDIATE	ALL	ALL	4 #12 GA. (TAUT)



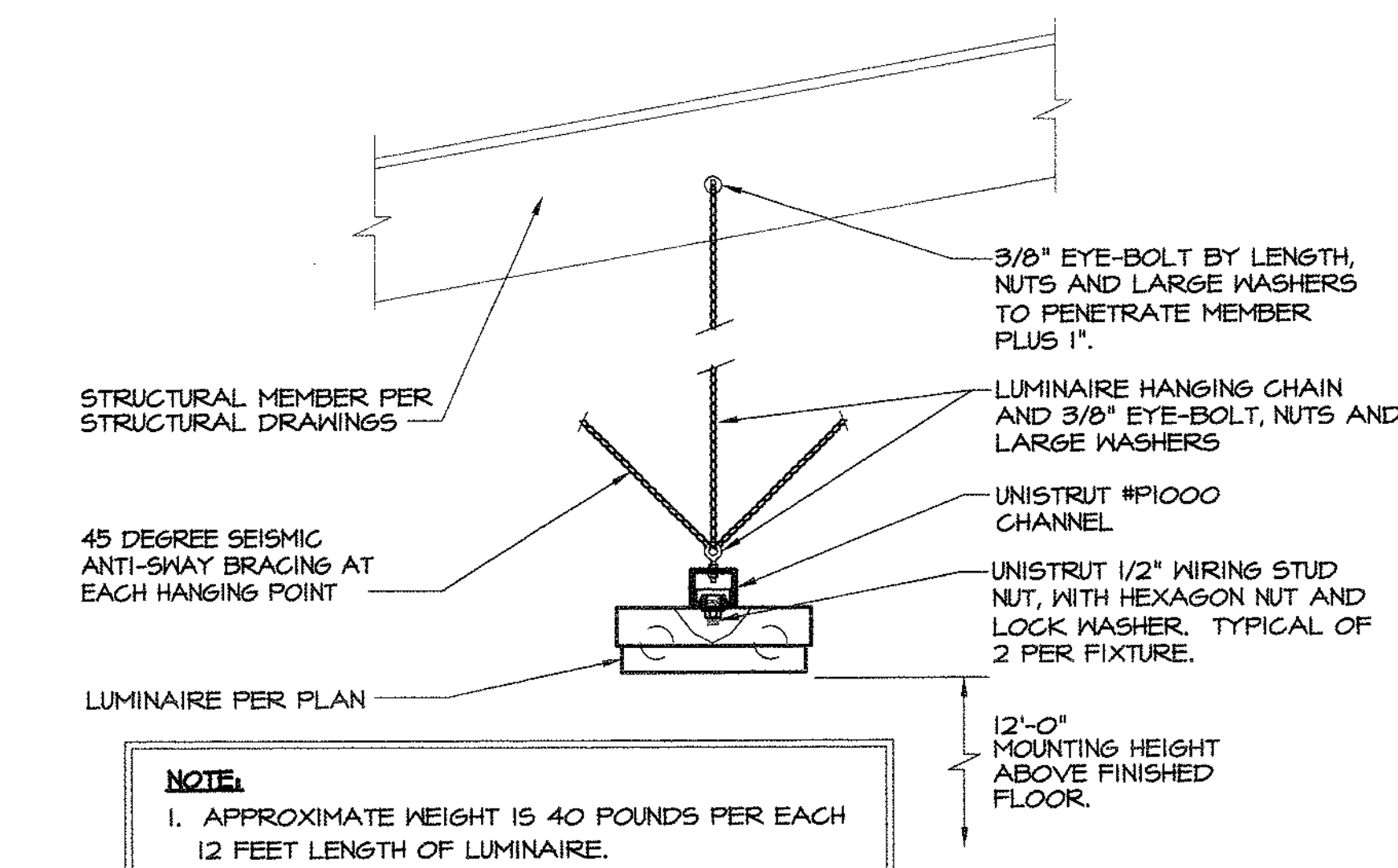
END VIEW

SIDE VIEW

LAY-IN LUMINAIRE MOUNTING DETAIL

(T-BAR CEILING)

3
E5.0
NO SCALE



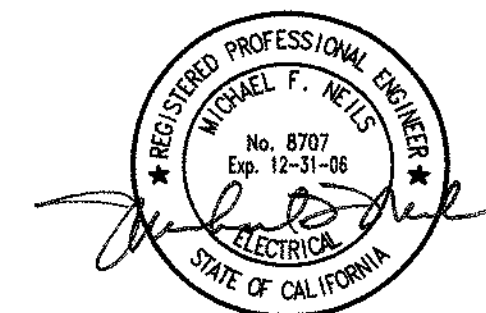
NOTE:
1. APPROXIMATE WEIGHT IS 40 POUNDS PER EACH 12 FEET LENGTH OF LUMINAIRE.

IF THIS SHEET IS NOT 30"x42" , IT IS A REDUCED PRINT - SCALE ACCORDINGLY

DREYFUSS & BLACKFORD

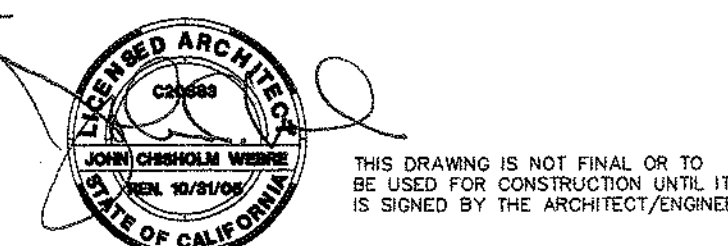
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916 323-4400
PROJECT #: 04148.21

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OFFICE OF REGULATION SERVICES
A# 02-106610
NO. 12/15/98
DATE 12/15/98



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SOLANO COMMUNITY COLLEGE
BUILDING 1800-B
SWING SPACE RENOVATION
INCREMENT #1

ELECTRICAL DETAILS

A4745.01
AS NOTED
09 DECEMBER 2004

E5.0

