

PROJECT TEAM

Table listing Project Team members: Construction Management (Swinerton Management & Construction), Architects (Noll & Tam Architects), Mechanical Engineer (Critchfield Mechanical, Inc.), Civil Engineers (Sandis Humber Jones), Electrical Engineer (Jeff Sultan, PE), Structural Engineers (ZFA Engineers).

Cañada College Modernization

CENTRAL PLANT RENOVATION
San Mateo County Community College District

ARCHITECT'S STATEMENT

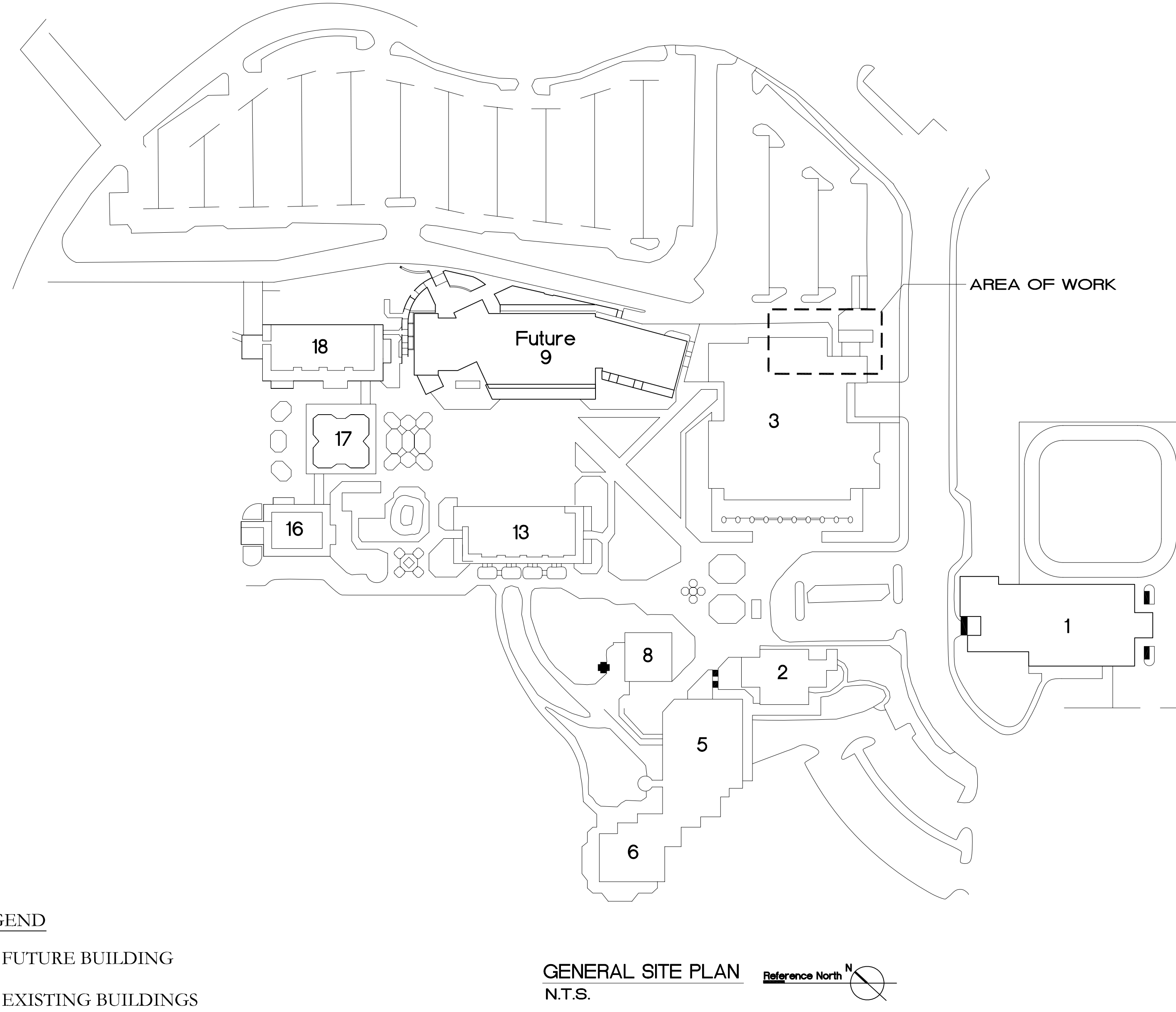
With the exception of the General (G Series) and Architectural (A Series) these drawings and/or specifications and/or calculations for the items listed above have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state.

The items listed above have been coordinated with my plans and specifications and are acceptable for incorporation into the construction of this project for which I am the individual designated to be in general responsible charge.

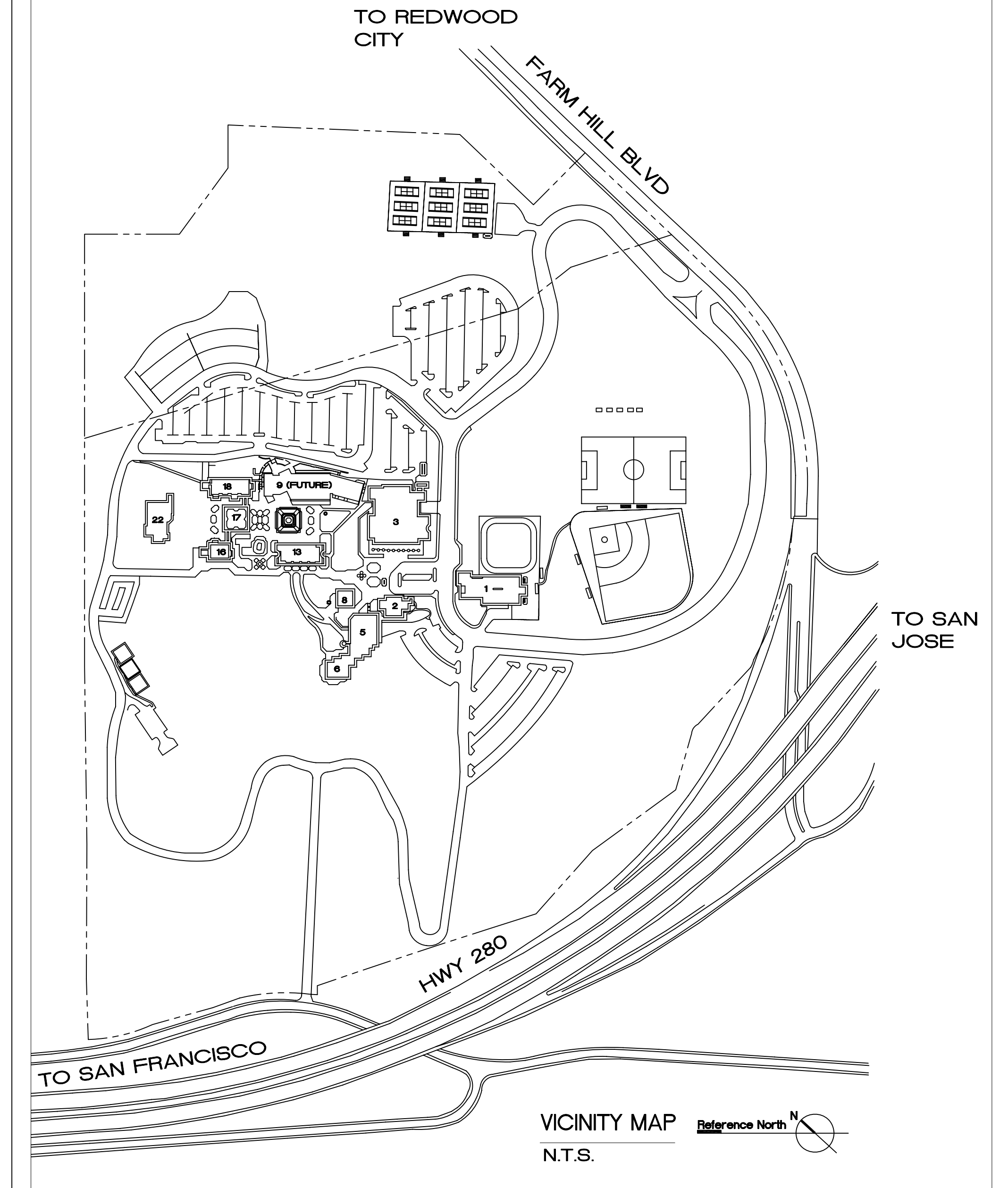
The accepted drawings are listed below.

Christopher Noll, Principal
Date
CA License No C15915 Expiration Date: 12/31/05

GENERAL SITE PLAN



VICINITY MAP



INDEX OF DRAWINGS

Table listing drawing categories and sheet numbers: GENERAL (G0.0-G0.2), CIVIL (C1.0-C4.0), ARCHITECTURAL (A1.0-A4.0), STRUCTURAL (S1-S5), MECHANICAL (M-01-M-09), ELECTRICAL (E1.1-E3.1).

ABBREVIATIONS

Table of abbreviations: AB ANCHOR BOLT, AC ASPHALTIC CONC, AD ADJACENT/ADJUSTABLE, AFF ABOVE FINISHED FLOOR, ALT ALTERNATE, ALUM ALUMINUM, APPROX APPROXIMATE, BOARD BOARD, BLDG BUILDING, BLK BLOCK, BLKG BLOCKING, BM BEAM, BOT BOTTOM, CER CERAMIC, CEM CEMENT/CEMENTITIOUS, CMU CONCRETE MASONRY UNIT, CO CLEAN OUT, CLG CEILING, CLO CLOSET, CLR CLEAR, COL COLUMN, CONC CONCRETE, CONN CONNECTION, CONT CONTINUOUS, CONTR CONTRACTOR, CTR CENTER, DEPT DEPARTMENT, DF DOUGLAS FIR/DRINKING FOUNTAIN, DS DOWNSPOUT, DBL DOUBLE, DEMO DEMOLITION, DTL DETAIL, DIA DIAMETER, DIM DIMENSION, DISP DISPOSAL, DN DOWN, DR DOOR, DWR DRAWER, DWG DRAWING, (E) EXISTING, EA EACH, ELEC ELECTRICAL, ELEV ELEVATOR/ELEVATION, EQ EQUAL, EQUIP EQUIPMENT, EXC EXISTING, EXH EXHAUST, EXP EXPANSION, EXT EXTERIOR, FD FLOOR DRAIN, FDN FOUNDATION, FEC FIRE EXTINGUISHER CABINET, FOF FACE OF FINISH, FOS FACE OF STUD, FIN FINISH, FIN FLR FINISHED FLOOR, FIXT FIXTURE, FLR FLOOR, FLUOR FLUORESCENT, FR FIRE RESISTANT/RETARDANT, FT FOOT OR FEET, FRP FIBERGLASS REINFORCED POLYESTER, FURN FURNITURE, GB GRAB BAR, GF GROUND FAULT INTERRUPT, GLM GLUE LAMINATED, GAU GAUGE, GALV GALVANIZED, GLZ GLASS, GLZING GALVANIZED SHEET METAL, GWS GYPSUM WALLBOARD, GYP GYPSUM, H HIGH, HC HOLLOW CORE, HM HOLLOW METAL, HWV HEATING VENTILATING & AIR CONDITIONING, HDR HEADER, HDWD HARDWOOD, HDW HARDWARE, HORIZ HORIZONTAL, HR HOUR, HT HEIGHT, INSUL INSULATION, INT INTERIOR, J BOX JUNCTION BOX, JT JOINT, LF LINEAR FEET, L MAX LIGHT, MECH MECHANICAL, MF MANUFACTURER FINISH, MFR MANUFACTURER, MH MANHOLE, MIN MINIMUM, MISC MISCELLANEOUS, MTD MOUNTED, METAL METAL, N NORTH, NEW NEW, NA NOT APPLICABLE, NIC NOT IN CONTRACT, NTS NOT TO SCALE, NO NUMBER, ON CENTER ON CENTER, OC OUTSIDE FACE, OFCI OWNER FURNISH-CONTRACTOR INSTALL, OFF OFFICE, OP OPERABLE, OPP HD OPPOSITE HAND, OPNG OPENING, OPP OPENING, OGD OPERABLE GARAGE DOOR, PT PARTITION, PARTN PARTITION, PL PLATE, P LAM PLASTIC LAMINATE, PLY PLYWOOD, PR PAIR, PROJ PROJECT/PROJECTOR, PTD PAINTED, QTY QUANTITY, RAD RADIUS, RD ROOF DRAIN, REF REFERENCE, REFR REFRIGERATOR, REG REGISTER, REQD REQUIRED, RES RESILIENT, RO ROUGH OPENING, REV REVISION, RM ROOM, RWL RAIN WATER LEADER, SC SOLID CORE, SCD SEE CIVIL DRAWINGS, SCHED SCHEDULE, STRUCTURAL ENGINEER STRUCTURAL ENGINEER, SEF SUPPLY FAN, SEE MECHANICAL DRAWINGS, SLAB ON GRADE SLAB ON GRADE, STAINLESS STEEL STAINLESS STEEL, STD STANDARD, SECTION SHEET, SIMILAR SIMILAR, SPEC SPECIFICATION, SQ SQUARE, STL STEEL, STRL STRUCTURAL STORAGE, SYS SYSTEM, TEL TELEPHONE, TEMP TEMPERED, THK THICK(NESS), TOP OF CONCRETE/CURB TOP OF CONCRETE/CURB, TOP OF STEEL/SHEATHING TOP OF STEEL/SHEATHING, TUB TOP OF WALL, TUBE TUBE STEEL, TYP TYPICAL, UNLESS OTHERWISE NOTED UNLESS OTHERWISE NOTED, VINYL COMPOSITION TILE VINYL COMPOSITION TILE, VERIFY IN FIELD VERIFY IN FIELD, VENT VENTILATION, VERT VERTICAL, VEST VESTIBULE, WEST, WIDTH WEST, WIDTH, W/ WITH, W/O WITHOUT, WC WATER CLOSET, WR WOOD, WR WATER RESISTANT, WT WEIGHT

CODE COMPLIANCE

Table of code compliance: 2001 CALIFORNIA CODES TITLE 24, CHAPTER 4 PART 1, TITLE 24 C.C.R. ADMINISTRATIVE REQUIREMENTS (PARTIAL LISTING ONLY), GENERAL NOTES, DSA REQUIREMENTS. Includes references to California Building Codes, Mechanical Codes, Fire Codes, and C.C.R. sections.

SCOPE OF WORK

Table of scope of work: BASE BID: ALTERATION TO BUILDING 3, FURNISH ADDITIONAL CHILLER, NEW COOLING TOWER AND ASSOCIATED ELECTRICAL, SITE AND UTILITY WORK. Includes DEFERRED APPROVAL ITEMS and DSA APPLICATION NUMBERS.

PROJECT INFORMATION

Vertical sidebar containing logos for ChevronTetaco, California Registered Architect (Christopher Noll), and Canada College Modernization Central Plant Renovation San Mateo County Community College District.

Project Information summary table: SCALE: N/A, SHEET NO: 6/3/05, SHEET COUNT: 11/01/06, and logo for GO.O.

(10) EXISTING ACCESSIBLE PARKING SPACES, (3) VAN ACCESS AND (7) REGULAR ACCESS. DSA APPLICATION # 106214

EXISTING 5'-0" WIDE CONCRETE RAMP WITH HANDRAILS. DSA APPLICATION # 106214

EXISTING CROSSLINKS. DSA APPLICATION # 106214

ACCESSIBLE ENTRANCE TO BUILDING 18 TO BE IMPROVED AS PART OF DSA APPLICATION # _____

RESTROOMS (1) MENS RESTROOM (1) WOMENS RESTROOM LOCATED ON FIRST AND SECOND FLOOR, DRINKING FOUNTAINS ADJACENT TO RESTROOMS - DSA APPLICATION # _____

EXISTING ELEVATOR LOCATION - CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR - ELEVATOR UPGRADE DSA APPLICATION # _____

RESTROOMS (1) MENS FACILITY RESTROOM (1) WOMENS FACILITY RESTROOM LOCATED ON FIRST FLOOR, DRINKING FOUNTAIN ADJACENT TO RESTROOMS - DSA APPLICATION # _____

BUILDING 17 - NO ELEVATORS, RESTROOMS OR DRINKING FOUNTAINS

RESTROOMS (1) MENS RESTROOM (1) WOMENS RESTROOM LOCATED ON FIRST AND SECOND FLOOR, DRINKING FOUNTAINS ADJACENT TO RESTROOMS - DSA APPLICATION # _____

FUTURE PATH OF TRAVEL VIA ELEVATOR ACCESSIBLE TO BUILDING EXTERIOR AT ALL TIMES - EXISTING 5'-0" WIDE CONCRETE RAMP WITH HANDRAILS. DSA APPLICATION # 106214

ACCESSIBLE PATH OF TRAVEL TO BUILDINGS 17 AND 18 BY MEANS OF EXISTING ELEVATOR IN BUILDING 13, ELEVATOR CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR

ACCESSIBLE PATH OF TRAVEL TO BUILDING 16 FROM ACCESSIBLE PARKING AND BUS STOP

RESTROOMS NOT CURRENTLY ACCESSIBLE, (1) MENS RESTROOM (1) WOMENS RESTROOM LOCATED ON FIRST AND THIRD FLOOR, DRINKING FOUNTAINS ADJACENT TO RESTROOMS NOT ACCESSIBLE

RESTROOMS NOT CURRENTLY ACCESSIBLE, (1) MENS RESTROOM (1) WOMENS RESTROOM LOCATED ON FIRST AND THIRD FLOOR, DRINKING FOUNTAINS ADJACENT TO RESTROOMS NOT ACCESSIBLE

EXISTING ELEVATOR LOCATION - CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR - EXISTING EXTERIOR ELEVATOR. DSA APPLICATION # 106214

BUILDING 8 - NO ELEVATORS, RESTROOMS OR DRINKING FOUNTAINS

EXISTING PARATRANSIT STOP

EXISTING ACCESSIBLE PARKING UPGRADE AND NEW CURB CUTS - DSA APPLICATION #01-105227

RESTROOMS NOT CURRENTLY ACCESSIBLE, (1) MENS RESTROOM (1) WOMENS RESTROOM LOCATED ON FIRST AND THIRD FLOOR, DRINKING FOUNTAINS ADJACENT TO RESTROOMS NOT ACCESSIBLE

ACCESSIBLE PATH OF TRAVEL TO BUILDING 2 BY MEANS OF EXISTING ELEVATOR IN BUILDING 5, ELEVATOR CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR

RESTROOMS NOT CURRENTLY ACCESSIBLE, (1) MENS RESTROOM (1) WOMENS RESTROOM LOCATED ON SECOND FLOOR, DRINKING FOUNTAIN ADJACENT TO RESTROOMS NOT ACCESSIBLE

EXISTING ELEVATOR LOCATION - CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR

BUILDING 2 - NO ELEVATORS OR DRINKING FOUNTAINS

RESTROOMS NOT CURRENTLY ACCESSIBLE, (1) MENS RESTROOM (1) WOMENS RESTROOM LOCATED ON UPPER LEVEL

ACCESSIBLE PATH OF TRAVEL TO BUILDING 2, 5, 6 AND 8 FROM 2 EXISTING ACCESSIBLE PARKING SPACES - EXISTING 5'-0" WIDE CONCRETE RAMP WITH HANDRAILS. DSA APPLICATION # 106214

EXISTING 5'-0" WIDE CONCRETE SIDEWALK. DSA APP. # 106214

BASIS OF PARKING CALCULATION: 47 TOTAL SPACES 2 ACCESSIBLE SPACES REQUIRED 2 ACCESSIBLE SPACES PROVIDED

RESTROOMS NOT CURRENTLY ACCESSIBLE, (1) MENS FACILITY RESTROOM (1) WOMENS FACILITY RESTROOM LOCATED ON FIRST FLOOR, DRINKING FOUNTAIN ADJACENT TO RESTROOMS NOT ACCESSIBLE

NOTE: NO ELEVATOR IN BUILDING 1



BASIS OF PARKING CALCULATION:
134 SPACES
456 SPACES
452 SPACES
1042 TOTAL SPACES
21 ACCESSIBLE SPACES REQUIRED
22 ACCESSIBLE SPACES PROVIDED
IN 3 AREAS

ACCESSIBLE PATH OF TRAVEL TO BUILDINGS 17 AND 18 BY MEANS OF EXISTING ELEVATOR IN BUILDING 18, ELEVATOR CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR

FUTURE PATH OF TRAVEL VIA ELEVATOR ACCESSIBLE TO BUILDING EXTERIOR AT ALL TIMES - EXISTING CROSSLINK. DSA APPLICATION # 106214

EXISTING 5'-0" WIDE ASPHALT CONCRETE RAMP WITH HANDRAILS. DSA APPLICATION # 106214

EXISTING SIDEWALK/RAMP WITH A MAX. SLOPE OF 8.3% TYP. DSA APPLICATION # 106214

EXISTING 5'-0" WIDE CONCRETE SIDEWALK. DSA APPLICATION # 106214

(8) EXISTING ACCESSIBLE PARKING SPACES, (2) VAN ACCESS AND (6) REGULAR ACCESS. DSA APPLICATION # 106214

ACCESSIBLE PATH OF TRAVEL TO BUILDINGS 17 AND 18 BY MEANS OF EXISTING ELEVATOR IN BUILDING 18, ELEVATOR CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR

EXISTING 5'-0" WIDE ASPHALT CONCRETE RAMP WITH HANDRAILS. DSA APPLICATION # 106214

EXISTING SIDEWALK/RAMP WITH A MAX. SLOPE OF 8.3% TYP. DSA APPLICATION # 106214

EXISTING 5'-0" WIDE CONCRETE SIDEWALK. DSA APPLICATION # 106214

(4) EXISTING ACCESSIBLE PARKING SPACES, (1) VAN ACCESS AND (3) REGULAR ACCESS. DSA APPLICATION # 106214

EXISTING CROSSLINK. DSA APPLICATION # 106214

FUTURE PATH OF TRAVEL VIA INTERIOR ELEVATOR AVAILABLE DURING BUILDING HOURS

RESTROOM / DRINKING FOUNTAIN UPGRADE PART OF CURRENT DSA APPLICATION #01-105227 (1) MENS RESTROOM (1) WOMENS RESTROOM, DRINKING FOUNTAIN ADJACENT TO RESTROOMS

EXISTING ELEVATOR LOCATION - CAB SIZE 4'-0" X 6'-0" WITH 3'-0" DOOR

NOTE:
ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAX. SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX. AND AT LEAST 40" WIDE SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
CONTRACTOR TO VERIFY THAT ALL BARRIERS IN THE PATH OF TRAVEL HAVE BEEN REMOVED OR WILL BE REMOVED UNDER THIS PROJECT, AND PATH OF TRAVEL COMPLIES WITH CBC 11.3.3B.

LEGEND

--- ACCESSIBLE PATHS OF TRAVEL TO AREAS OF NEW WORK

LOCAL FIRE AUTHORITY REVIEW

* ACCESS ROADS AND GATE ENTRANCES ARE IN ACCORDANCE WITH TITLE 19, CALIFORNIA CODE OF REGULATIONS SUBCHAPTER 1, ARTICLE 3.05 (ACCESS ROADS) AND ARTICLE 3.16 (GATE ENTRANCES) TO SCHOOL SITES.

* FIRE FLOW, FIRE HYDRANT LOCATION AND DISTRIBUTION ARE IN ACCORDANCE WITH CALIFORNIA FIRE CODE, APPENDIX III-AA (FIRE FLOW) AND APPENDIX III-BB (HYDRANT LOCATIONS).

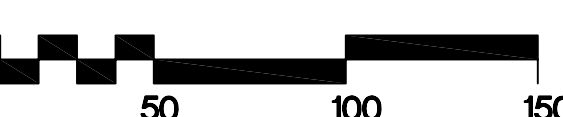
LOCAL FIRE AUTHORITY: WOODSIDE FIRE PROTECTION DISTRICT
ADDRESS: 3111 WOODSIDE ROAD CITY/STATE/ZIP: WOODSIDE CA 94062

PHONE NUMBER: 650-851-1594 DATE: _____

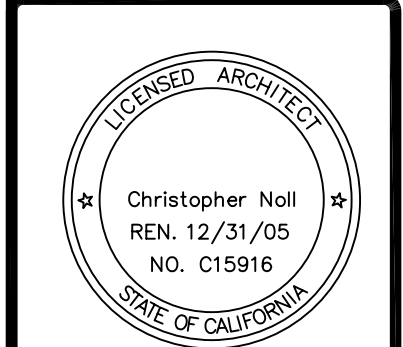
APPROVAL ISSUED BY: _____

COMMENTS:

(A SIGNATURE ABOVE SIGNIFIES THAT THE LOCAL FIRE AUTHORITY WAS CONSULTED REGARDING ACCESS ROADS, GATES IN PERIMETER FENCES, LOCATION OF FIRE HYDRANTS, FIRE FLOW, FIRE DEPARTMENT CONNECTION, PORTABLE FIRE EXTINGUISHERS, AND FIRE PROTECTION DURING CONSTRUCTION. METHODS INDICATED ON PLANS AND IN SPECIFICATIONS ARE CONSIDERED ADEQUATE.)



REV	DATE	BY	DESCRIPTION



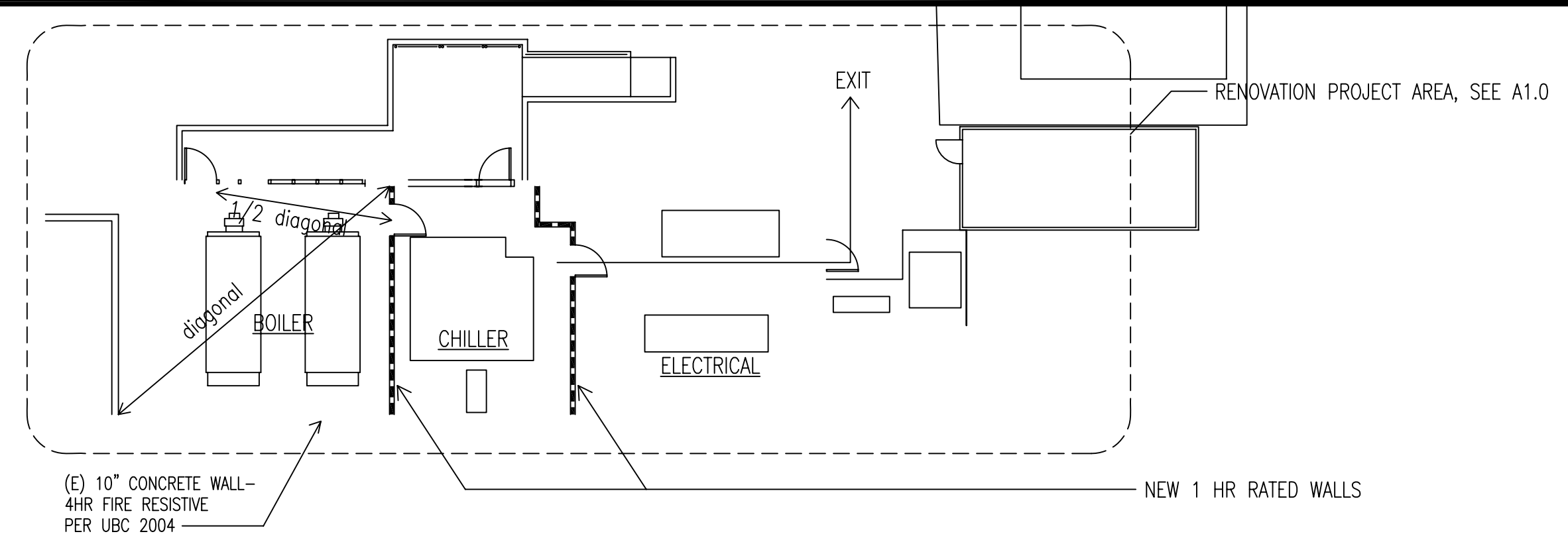
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE #41-C1
106992

Canada College Modernization

CENTRAL PLANT RENOVATION

San Mateo County Community College District

Campus Plan



1 FIRST FLOOR PLAN
GO.2

1/16" = 1'-0"

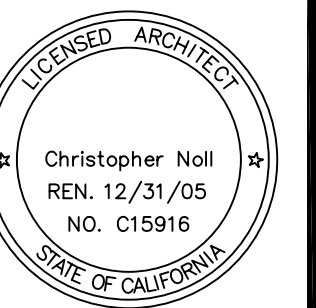
2 SECOND FLOOR PLAN
GO.2

1/16" = 1'-0"

CODE SUMMARY

PROJECT DATA:		OCCUPANT LOAD-SEE DSA APPL.# 105227		EXIT WIDTHS - SEE DSA APPLICATION # 105227		EXISTING SIGNAGE - SEE DSA APPLICATION # 105227		NOTE:	
PROJECT ADDRESS	CANADA COLLEGE BUILDING 3 4200 FARM HILL BLVD. REDWOOD CITY, CA 94061	BASEMENT	81 OCC	3'-0" DOOR OPNG ACCOMMODATES	180 OCC	7'-0" STAIR WIDTH ACCOMMODATES	280 OCC	1. TYPE S1: INTERNATIONAL SYMBOL OF ACCESSIBILITY TO BE PROVIDED AT ACCESSIBLE ENTRIES.	1. 1 HOUR OCCUPANCY SEPARATION IS REQUIRED BETWEEN CHILLERS, BOILERS AND ELECTRICAL EQUIPMENT-PROVIDED
SEISMIC ZONE	ZONE 4	FIRST FLOOR	1,545 OCC	6'-0" DOOR OPNG ACCOMMODATES	360 OCC	44" STAIR WIDTH ACCOMMODATES	147 OCC	2. TYPE S2: POSTING OF ROOM CAPACITY TO BE PROVIDED AT A2 AND A3 OCCUPANCIES PER OCCUPANT LOAD NOTED ON EXITING PLAN.	2. PROVIDED TWO MEANS OF EGRESS ARE REQUIRED FROM THE BOILER ROOM- PROVIDED
CONSTRUCTION TYPE	TYPE I FIRE RESISTIVE	SECOND FLOOR	198 OCC	TOTAL OCCUPANT LOAD:		1,824 OCC		3. TYPE S3, S4, S5, S6: ACCESSIBLE TOILETS PROVIDE SIGNAGE ON DOOR AND ADJACENT TO DOOR.	OCCUPANCY: CHILLER ROOM OCC - H7 BOILER ROOM OCC - B ELECTRICAL ROOM OCC - B THEATRE OCC - A1 REQUIRED OCC SEPARATIONS: H7/B - 1 HOUR H7/A1 - 4 HOUR
OCCUPANCY TYPE	BUILDING B, A2, A3	A3 OCCUPANCY		MAIN THEATER SEATING		REQUIRED	PROVIDED	4. TYPE S7, 7A: ASSISTIVE LISTENING SYSTEM AVAILABLE FOR FLEX THEATER AND MAIN THEATER.	
AREA	63,299 OGSF AREA ALLOWABLE: UNLIMITED	CHORAL REHEARSAL RM.	77 OCC	ACCESSIBLE SEATING AREA: (AT MORE THAN ONE LOCATION)	7	7 SPACES	5. TYPE S8: AVAILABILITY OF AISLE SEATING POSTED IN THE TICKET OFFICE. EACH AISLE SEATING LOCATION IDENTIFIED BY 1 1/2" Ø RED REFLECTOR ON SEAT ARMREST.		
FIRE PROTECTION	FIRE SPRINKLER SYSTEM IN STORAGE ROOMS, MECHANICAL ROOMS, AND HIGH BAY SPACE OF THE MAIN THEATER AND SCENE SHOP, AND BASEMENT, SMOKE DETECTORS EXISTING IN HVAC SYSTEM, AND PULL BOXES EXISTING IN CORRIDOR. FIRE ALARM SYSTEM FOR THIS BUILDING HAS BEEN UPGRADED AS PART OF AN OVERALL CAMPUS FIRE ALARM UPGRADES PROJECT PER ADA AND THE NATIONAL FIRE CODE DSA APP# 105931	INSTRUMENT REHEARSAL RM.	94 OCC	ACCESSIBLE COMPANION SEATS:	7	7 FIXED SPACES	6. TYPE S9: SIGNAGE AT CALL BUTTONS WHERE INDICATED. NOTING ASSISTANCE REQUIRED FOR HANDICAP ACCESS TO LOWER LEVEL OF MAIN THEATER.		
		FLEX THEATER	144 OCC	ACCESSIBLE SEATING	1% OR 6	6 SEATS	7. SIGNAGE TYPE S10, S10A: ROOM NAME SIGNAGE FOR BASEMENT RESTROOMS, NON-ACCESSIBLE NOTED.		
		ORCHESTRA PIT	81 OCC	SEMAMBLANT SEATING	1% OR 6	8 SEATS, FRONT ROW, AND BEHIND UPPER LEVEL COMPANION SEATS	8. SIGNAGE TYPE S11: FOR COMPANION SEAT, TO RELINQUISH SEAT FOR COMPANION UPON REQUEST.		
		GALLERY	212 OCC	ASSISTIVE LISTENING SYSTEM	4% OR 21	21, PER ADA	9. SIGNAGE TYPE S12: AUTHORIZED ACCESS, AT EXISTING PIT, SEE DETAIL 25/A9.1		
		A3 TOTAL OCCUPANT LOAD:	687 OCC	MAIN THEATER: TOTAL NUMBER OF SEATS 516			10. SIGNAGE TYPE S14: ROOM NAME AND NUMBER SIGNAGE ALL TO BE N.I.C.		
		B TOTAL OCCUPANT LOAD:	432 OCC	READILY REMOVEABLE SEATS MAY BE INSTALLED IN WHEELCHAIR SPACES WHEN THE SPACES ARE NOT REQUIRED TO ACCOMMODATE WHEELCHAIR USERS.					
		A2 STAGE OCCUPANT LOAD:	157 OCC	FLEX THEATER SEATING					
		A2 MAIN THEATER OCCUPANT LOAD:	532 OCC	ACCESSIBLE SEATING AREA: (AT MORE THAN ONE LOCATION)	4	4 SPACES			
		TOTAL OCCUPANT LOAD:	1,824 OCC	ACCESSIBLE COMPANION SEATS:	4	4 FIXED SEATS			
		NOTE: THE WORK OF THIS PROJECT DOES NOT AFFECT THE BUILDING OCCUPANT LOAD OR THE BUILDING USE CALCULATION ABOVE IS FROM DSA APP. #105227		ACCESSIBLE SEATING	1% OR 1	1 SEAT			
				SEMAMBLANT SEATING	1% OR 2	2 SEATS, FRONT ROW			
				ASSISTIVE LISTENING SYSTEM	4% OR 4	4 (SHARED WITH MAIN THEATER. CONFIRMED W/DSA, B.R.)			
				FLEX THEATER: TOTAL NUMBER OF SEATS 106 MAX.					

REV	DATE	BY	DESCRIPTION
	11/07/06		CLOSEOUT DOCUMENTS

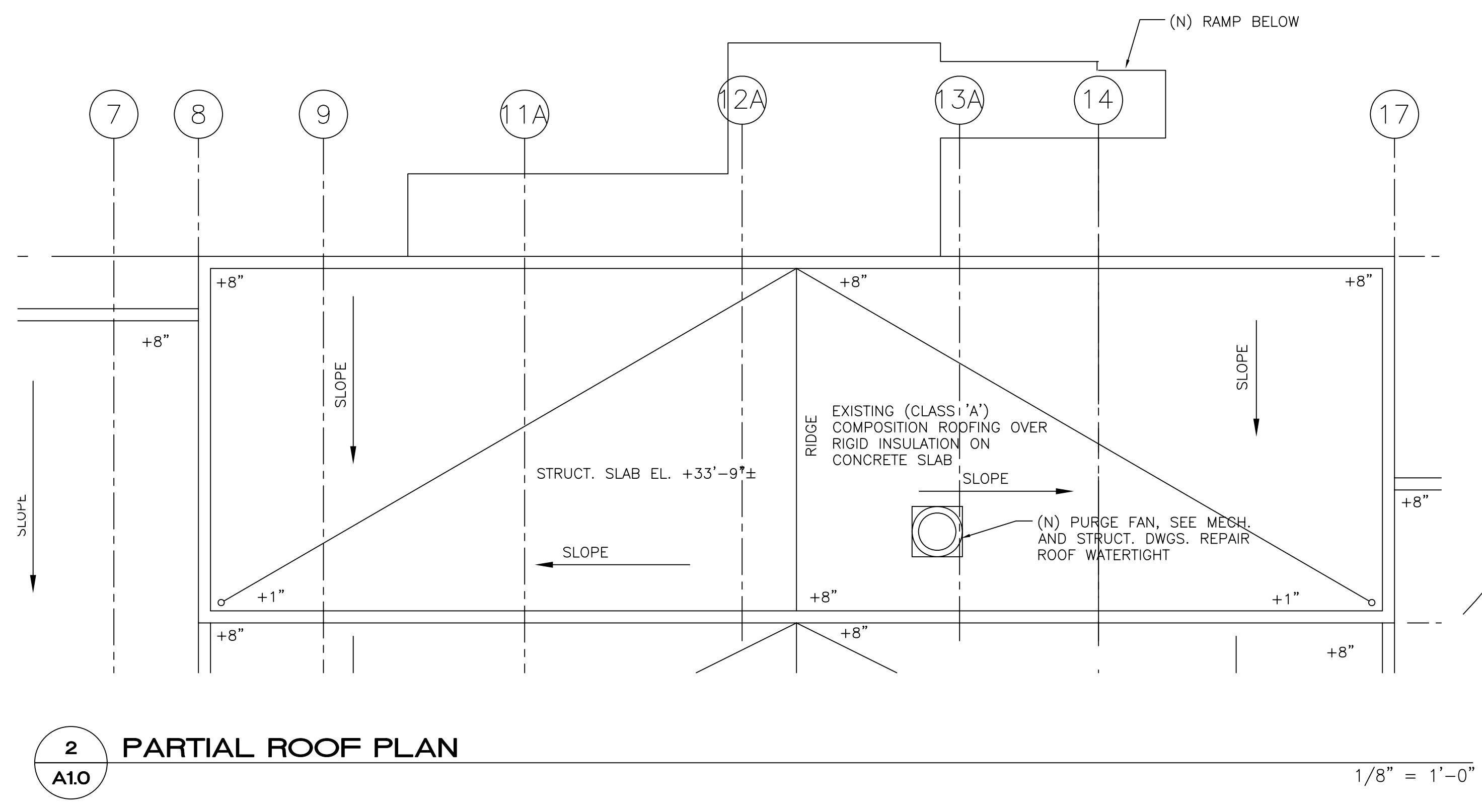


IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE # 41-C1
APPLICATION NUMBER: 106992
DATE: 11/07/06

Code Summary

SCALE 1/16" = 1'-0"
PROJECT NO.
DESIGNED BY
DRAWN BY
CHECKED BY
DATE 6/3/05
DRW NO.
REVISIONS
REV. NO.
DATE
BY
DESCRIPTION

GO.2

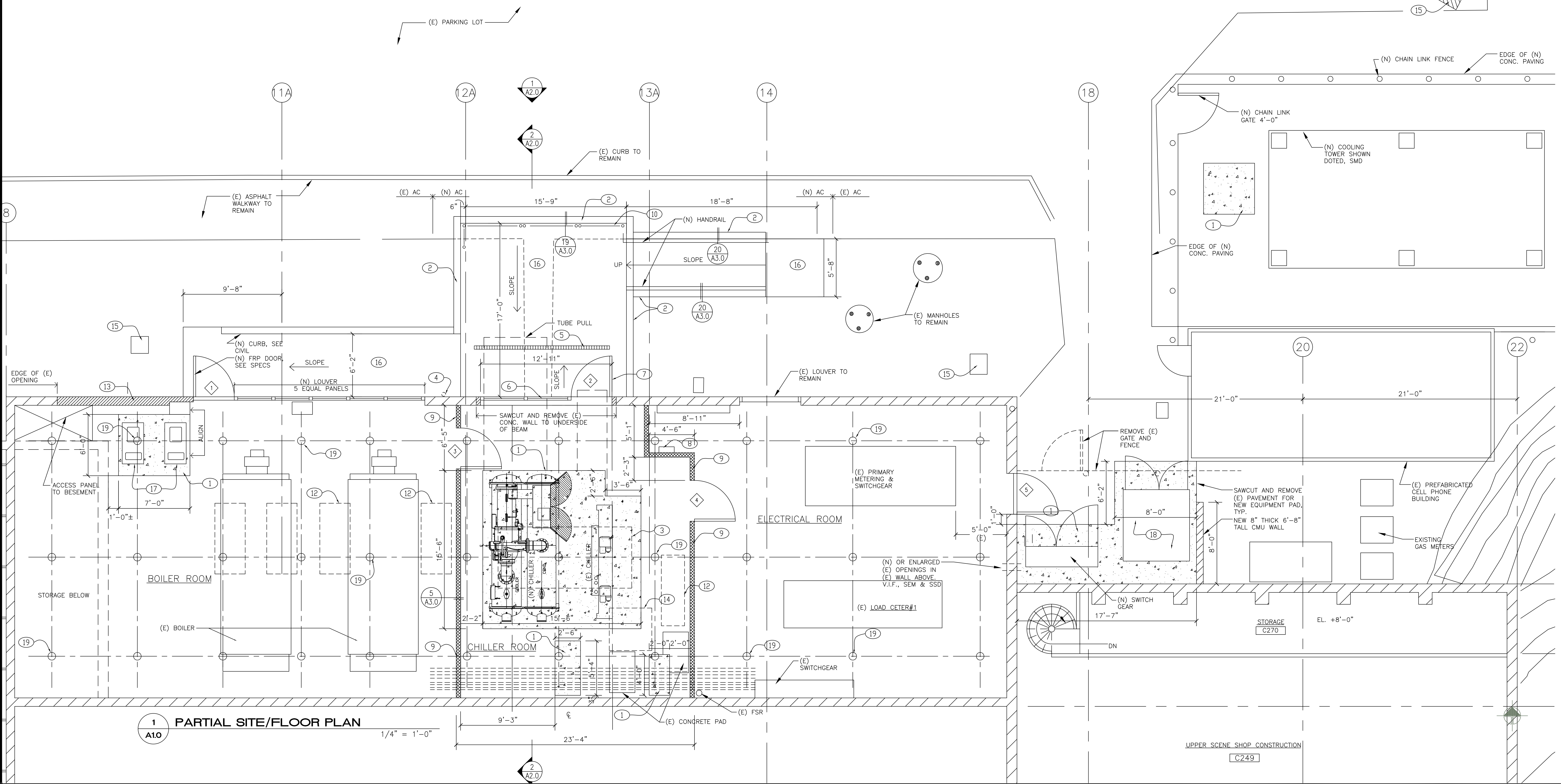


2 PARTIAL ROOF PLAN
A1.0 1/8" = 1'-0"

LEGEND	PLAN NOTES
◊ (N) DOOR, SEE SPECS	① (N) 6" CONCRETE PAD, SSD
▨ (N) 1 HOUR WALL-5/8" TYPE 'X' GYP. BD ON EACH SIDE OF 3-5/8" METAL STUDS. ABUSE RESISTANT GYP. BD UP TO 4'-0" FROM FLOOR	② (N) RETAINING WALL
	③ (E) CONCRETE PAD TO REMAIN
	④ REMOVE (E) ABANDONED VENT PIPE
	⑤ (N) TRENCH DRAIN
	⑥ REMOVABLE LOUVER & MULLION
	⑦ (N) FRP DOOR IN REMOVABLE FRAME
	⑧ RELOCATE ELEC. PANEL, SED
	⑨ (N) 1 HOUR WALL ON CONCRETE CURB
	⑩ (N) REMOVABLE RAIL, TYP.
	⑪ NOT USED
	⑫ (E) EXPANSION TANK ABOVE
	⑬ (N) CONCRETE SHEAR WALL, SSD
	⑭ (N) ROOF OPENING FOR FAN ABOVE
	⑮ (E) AREA DRAIN, SEE CIVIL DWGS
	⑯ (N) CONC. SEE CIVIL/STRUCT.
	⑰ (N) PUMP, SMD
	⑱ (N) TRANSFORMER, SED
	⑲ (E) SPRINKLER HEAD ABOVE, TYP. RELOCATE AS REQUIRED IN CONFORMANCE W/ CODE REQUIREMENTS

SHEET NOTES

1. PROVIDE FIRESTOPPING AT ALL NEW AND EXISTING PIPING, CONDUITS AND OTHER PENETRATIONS THROUGH FIRERESISTIVE RATED WALLS. SEE SHEET A4.0
2. ALL EXTERIOR EQUIPMENT INCLUDING COOLING TOWER, TRANSFORMER, SWITCHGEAR AND PIPING TO BE PAINTED.
3. SEE A2.0 FOR DOOR & ROOM SCHEDULES.
4. REMOVE AND RELOCATE (E) SPRINKLER HEADS WHERE NECESSARY ASSOCIATED WITH NEW WORK



1 PARTIAL SITE/FLOOR PLAN
A1.0 1/4" = 1'-0"

ChevronTexaco
Chevron Energy Solutions Company
A Division of Chevron U.S.A., Inc.

REV. DATE BY DESCRIPTION

11/00/06 CLOSEOUT DOCUMENTS

REGISTERED ARCHITECT
Christopher Hall
REN. 12/31/05
NO. C15916
STATE OF CALIFORNIA

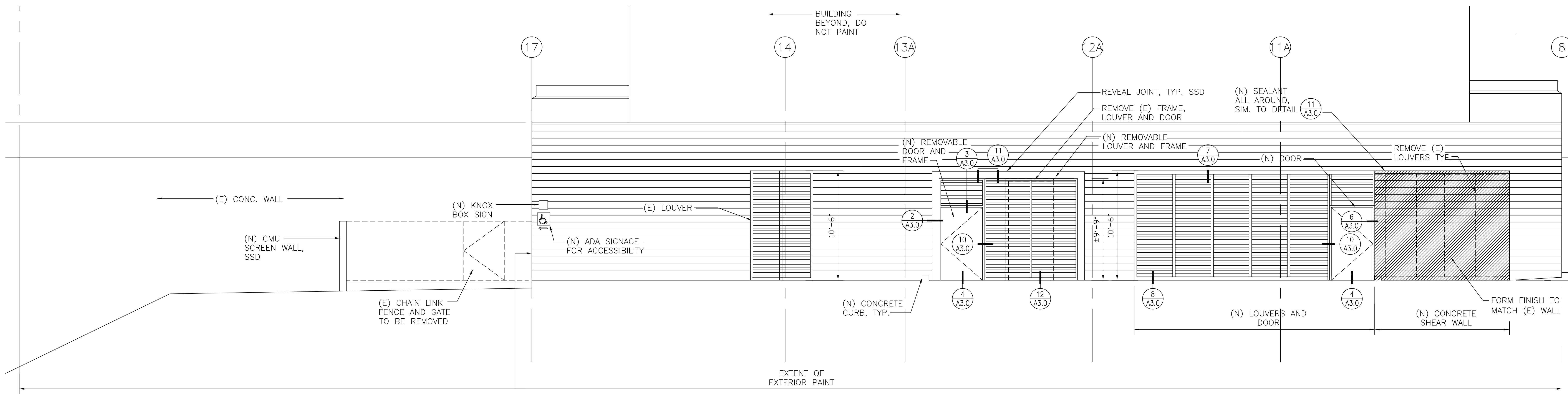
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FILE #41-C1
APPLICATION NUMBER: 106992
DATE: 05/05/05

Canada College Modernization
CENTRAL PLANT RENOVATION
San Mateo County Community College District

Partial Site/
Floor and Roof
Plans

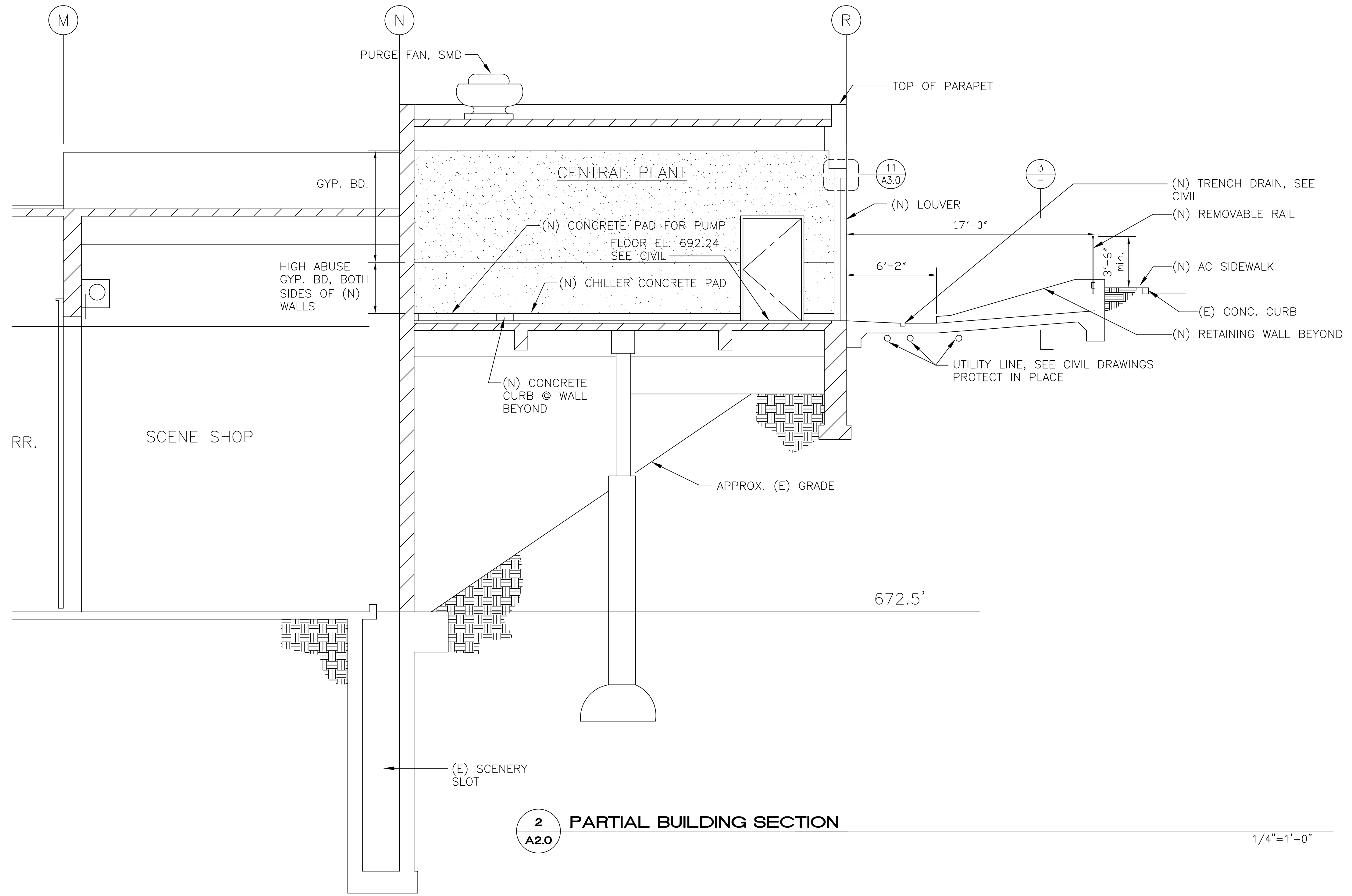
SCALE: as shown
PROJECT NO.:
DESIGNED BY:
CHECKED BY:
DATE: 6/3/05
SHEET NO.:
SHEET TOTAL:
FILE NAME:

A1.0



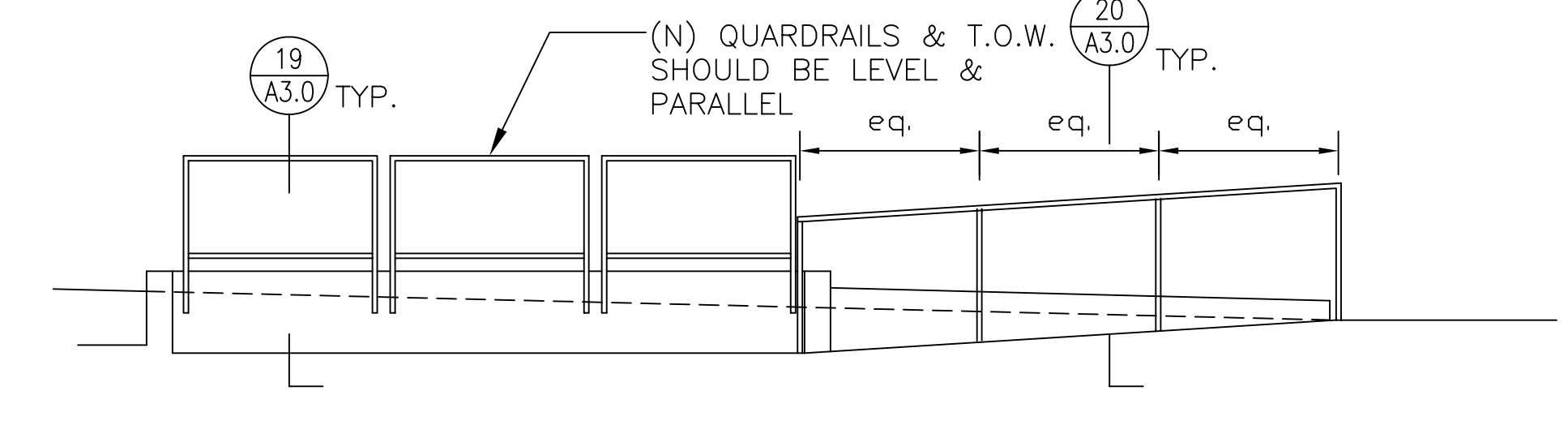
1 PARTIAL EAST ELEVATION
A2.0

1/4"=1'-0"



2 PARTIAL BUILDING SECTION
A2.0

1/4"=1'-0"



3 RAMP SECTION/ELEVATION
A2.0

1/4"=1'-0"

ROOM FINISH SCHEDULE

ROOM NAME:	FLOOR	WALLS	CEILING
BOILER ROOM	-	PAINT ALL INTERIOR WALLS	-
CHILLER ROOM	-	PAINT ALL INTERIOR WALLS	-
ELECTRICAL ROOM	-	PAINT ALL INTERIOR WALLS	-

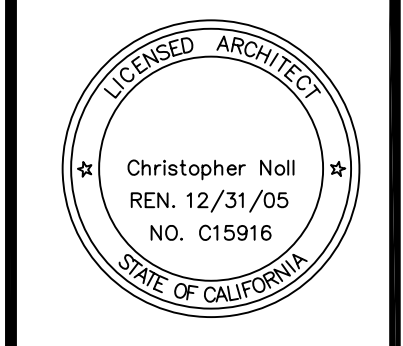
DOOR SCHEDULE

DOOR NO.	DOOR SIZE	RATING	FRAME MATERIAL	HARDWARE GROUP	NOTES
1	4'x7'	-	ALUM.	1	W/ LOUVER TRANSOM
2	4'x7'	-	ALUM.	2	W/ LOUVER TRANSOM, REMOVABLE, W/ PANIC HARDWARE
3	4'x7'	1 HR	HM	3	-
4	4'x7'	1 HR	HM	3	PANIC HARDWARE
5	4'x7'	-	-	4	(E) FRAME & DOOR, NEW HARDWARE

NOTE:
SEE A3.0 FOR DOOR DETAILS

REV	DATE	BY	DESCRIPTION

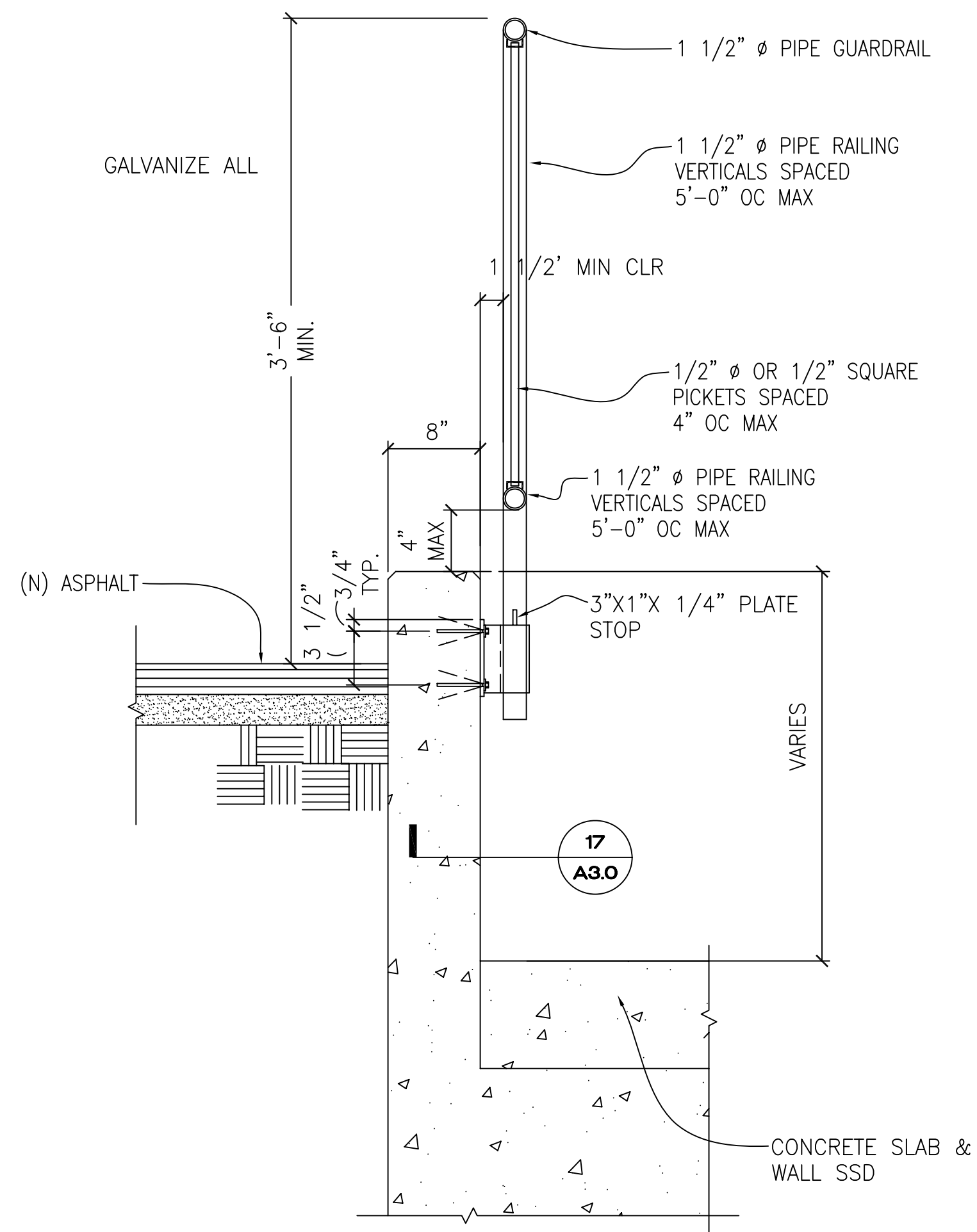
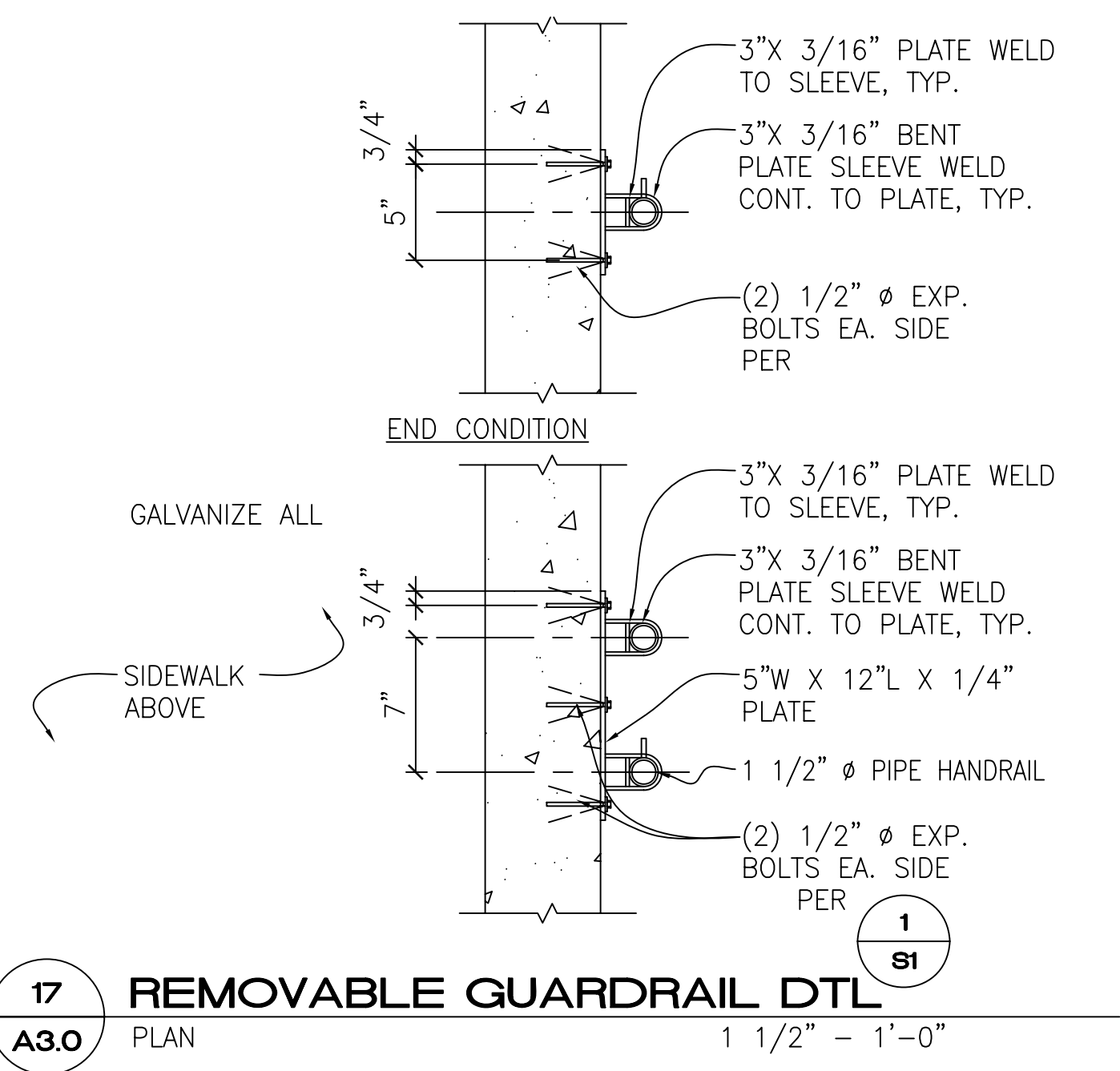
11/01/06 CLOSEOUT DOCUMENTS



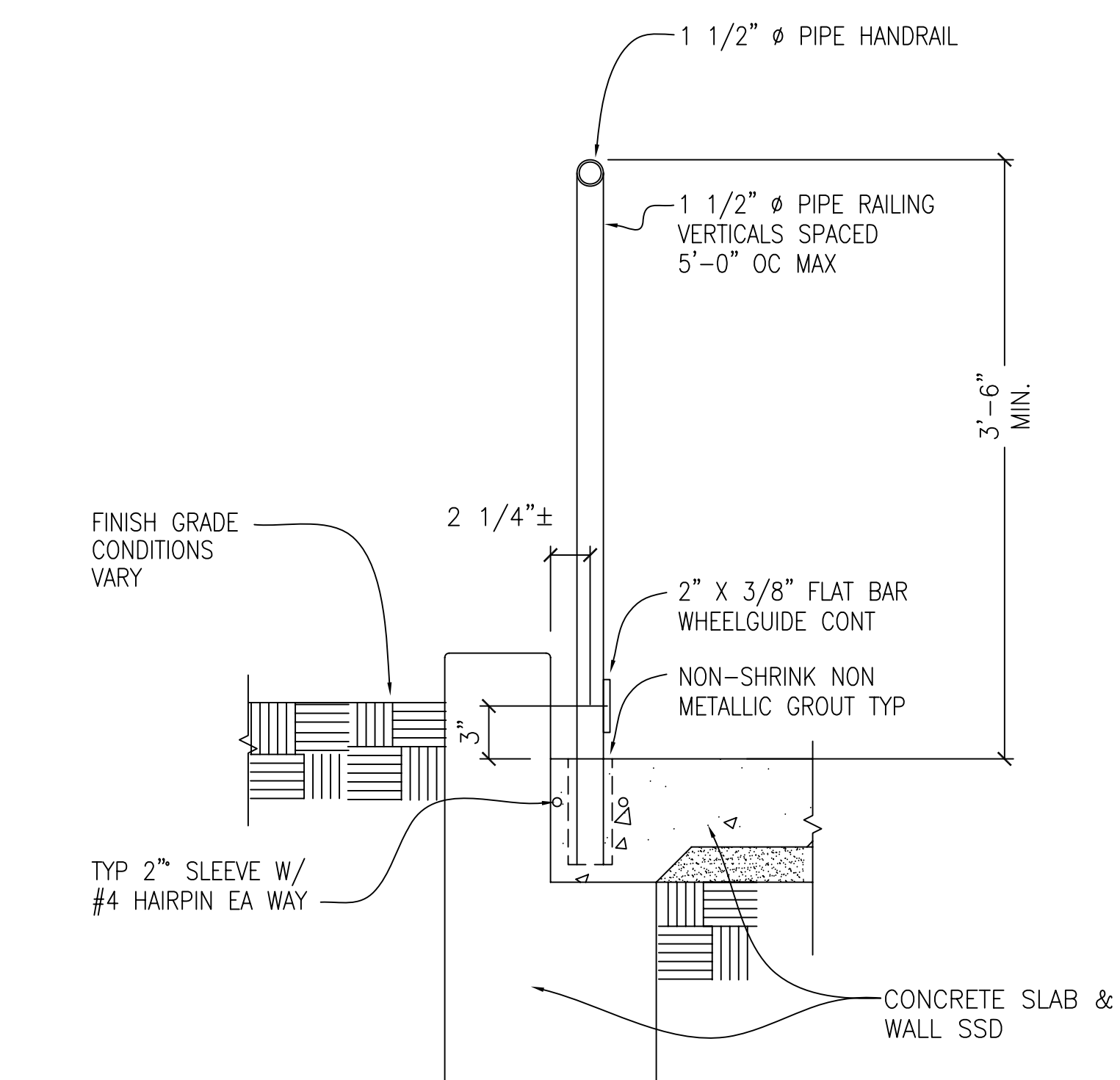
IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
FILE # 41-C1
APPLICATION NUMBER: 106992
DATE: 12/31/05

Partial Section and Exterior Elevation, Sched.

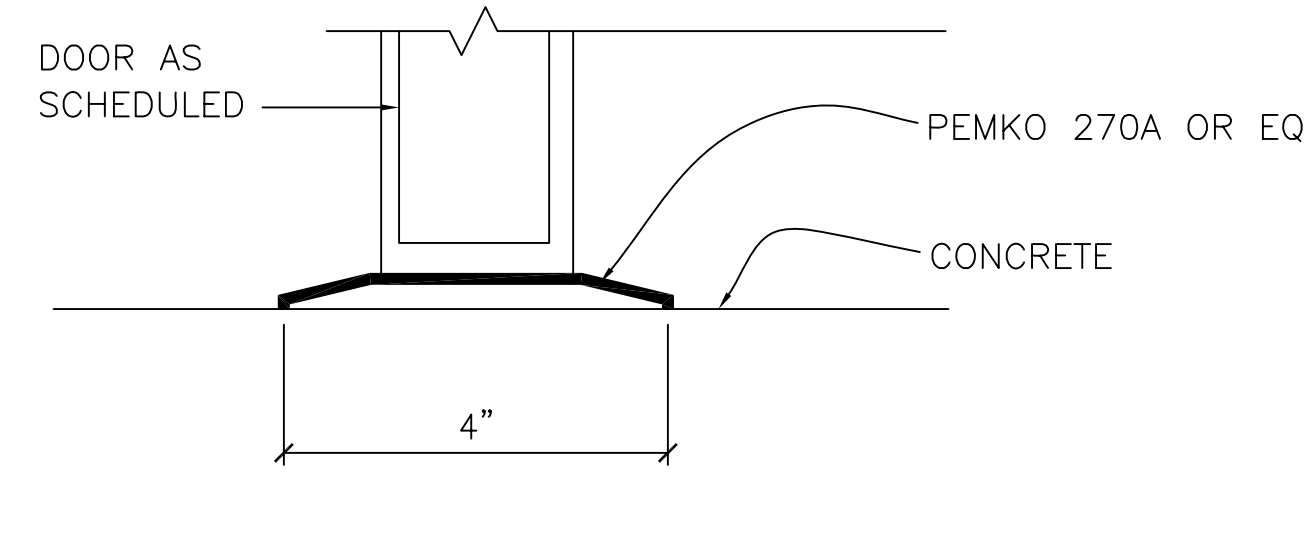
SCALE	1/4"=1'-0"
PROJECT NO.	
DRAWING NO.	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
DATE	6/3/05
DATE	
DATE	
DATE	
DATE	
DATE	



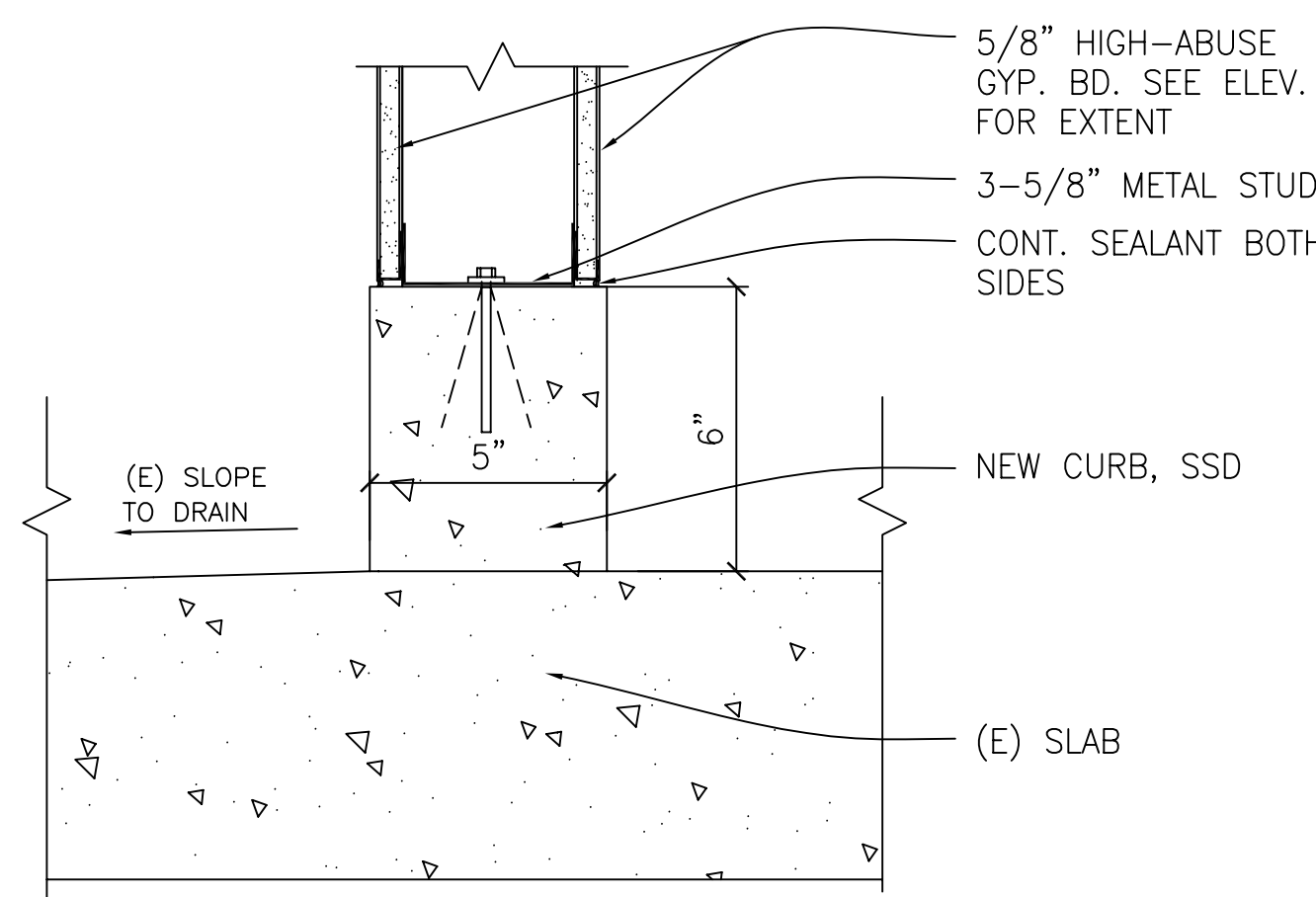
19 REMOVABLE GUARDRAIL DTL
SECTION 1 1/2" - 1'-0"



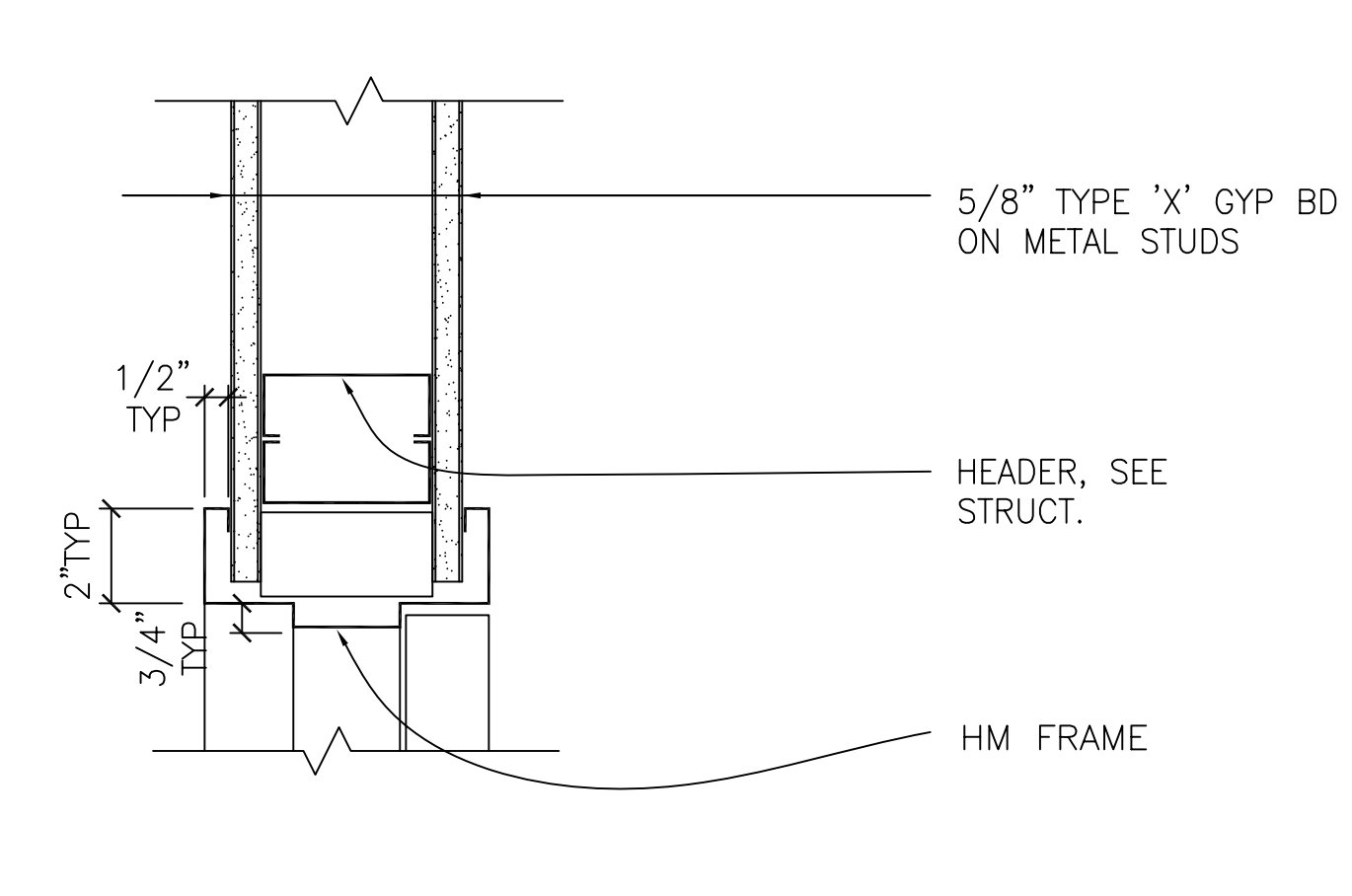
20 FREESTANDING HANDRAIL
1 1/2" - 1'-0"



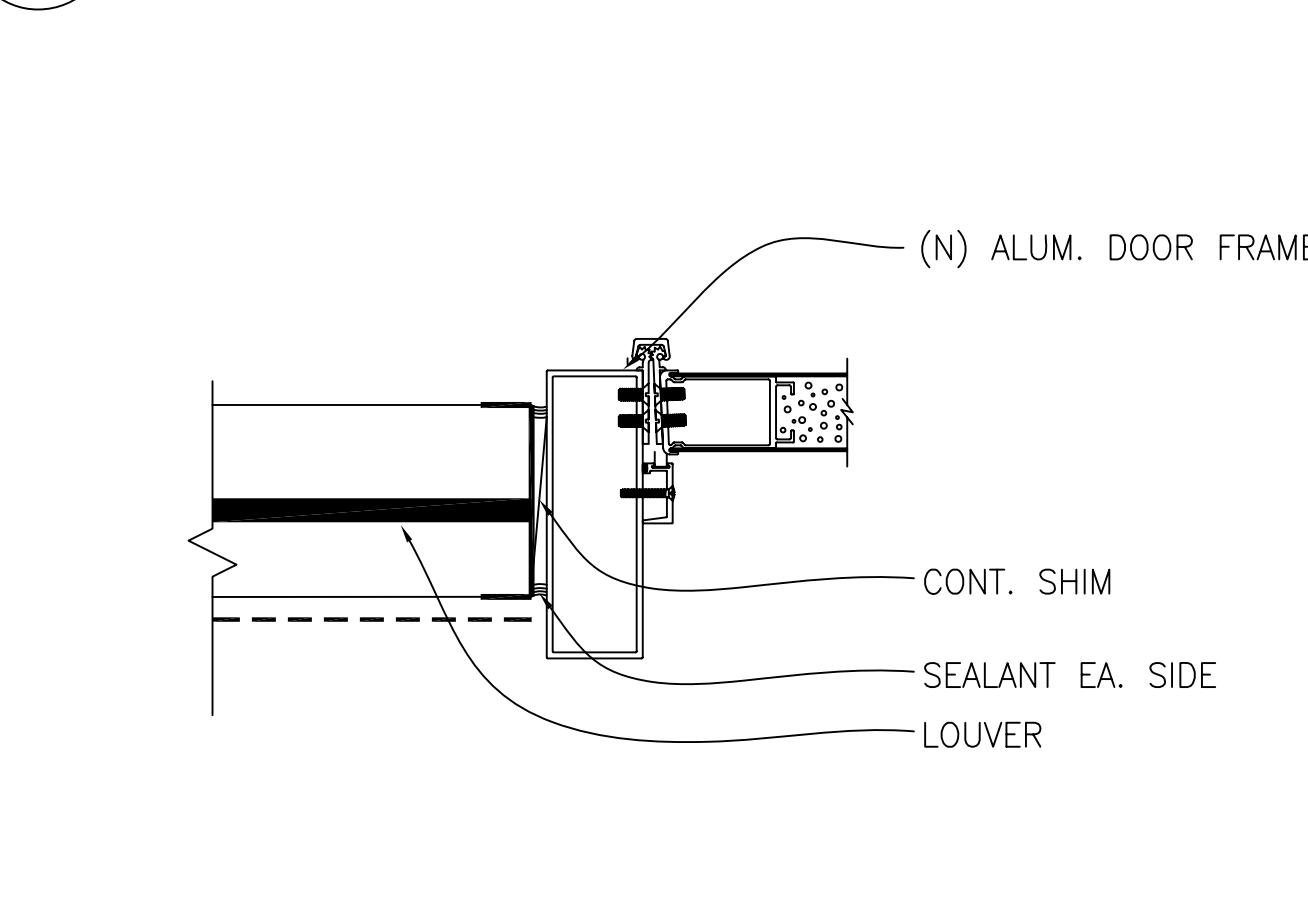
9 FIRE RATED THRESHOLD
HALF SIZE



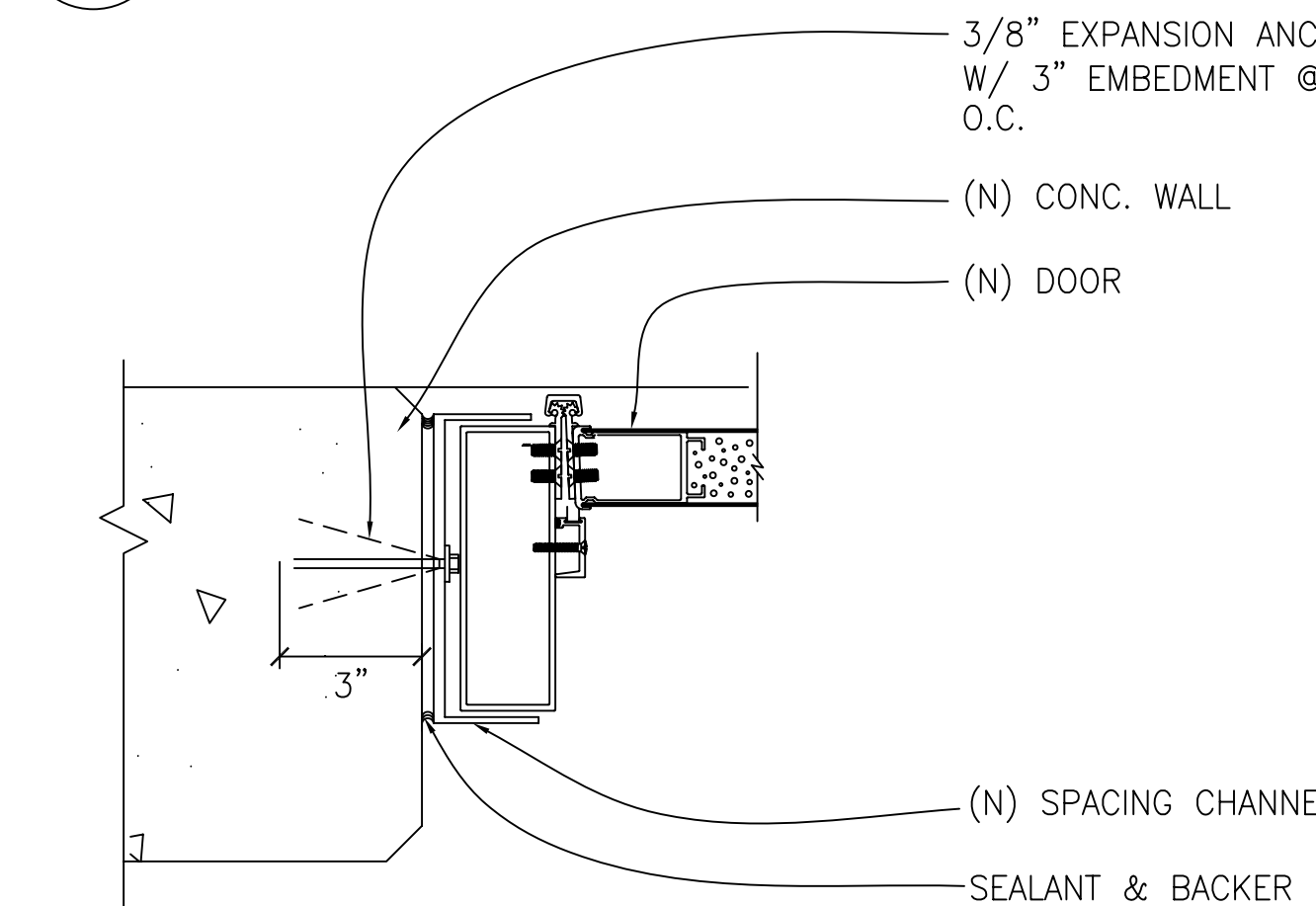
5 CONCRETE CURB - NEW WALL
3'-1'-0"



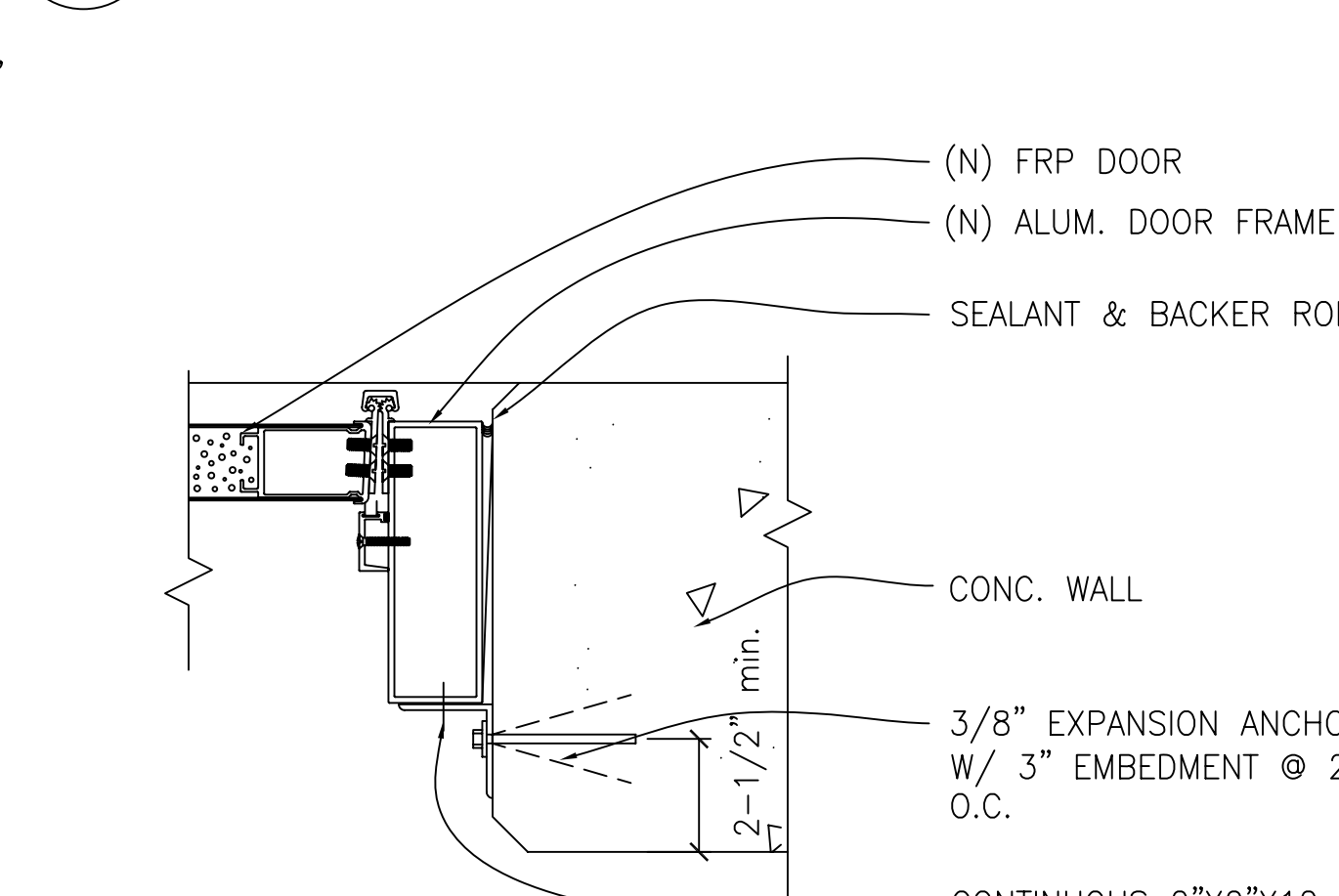
1 INTERIOR DOOR JAMB - HEAD SIM
3'-1'-0"



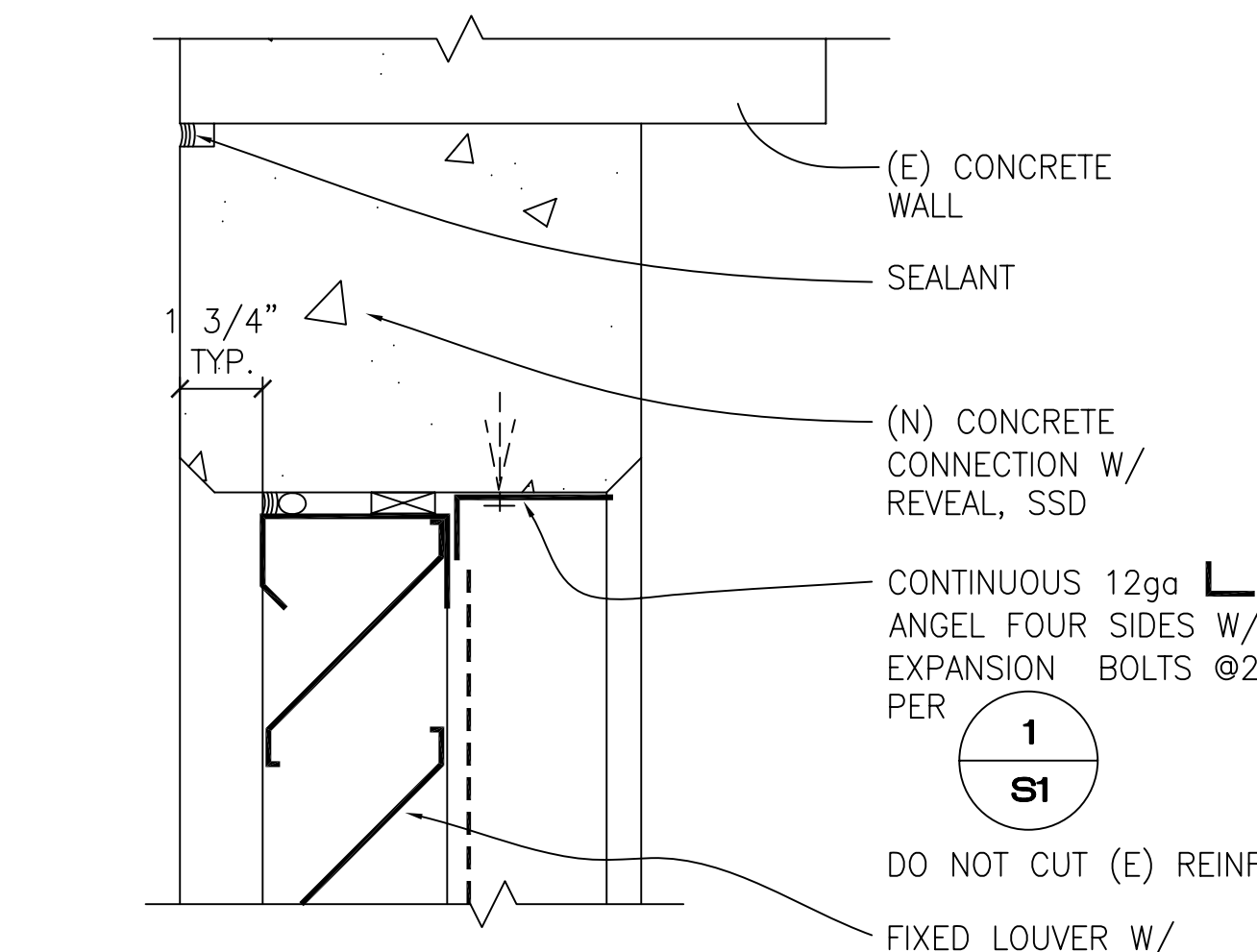
10 EXT. LOUVER AND DOOR JAMB
FIXED 3'-1'-0"



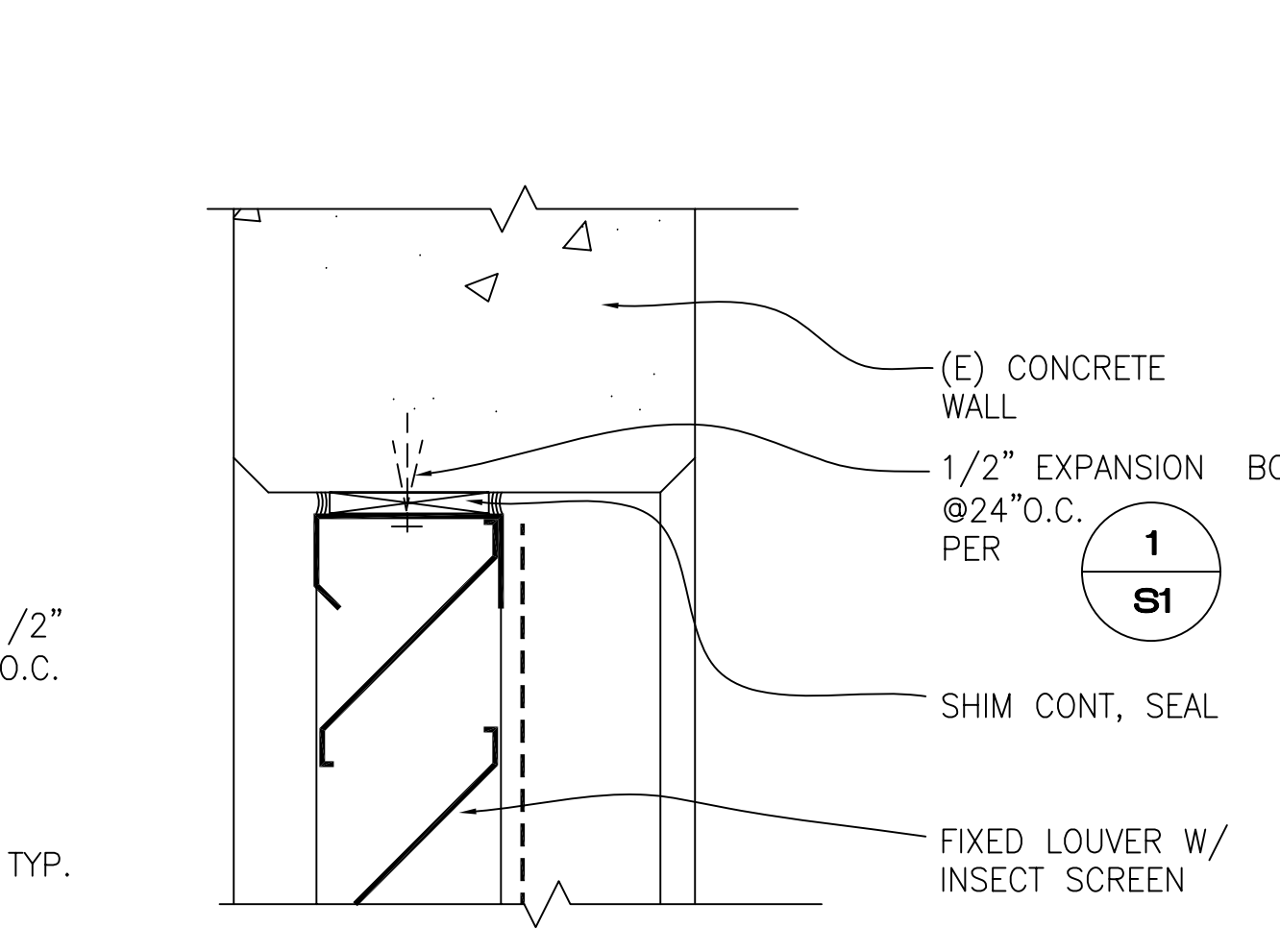
6 EXT. DOOR JAMB
FIXED 3'-1'-0"



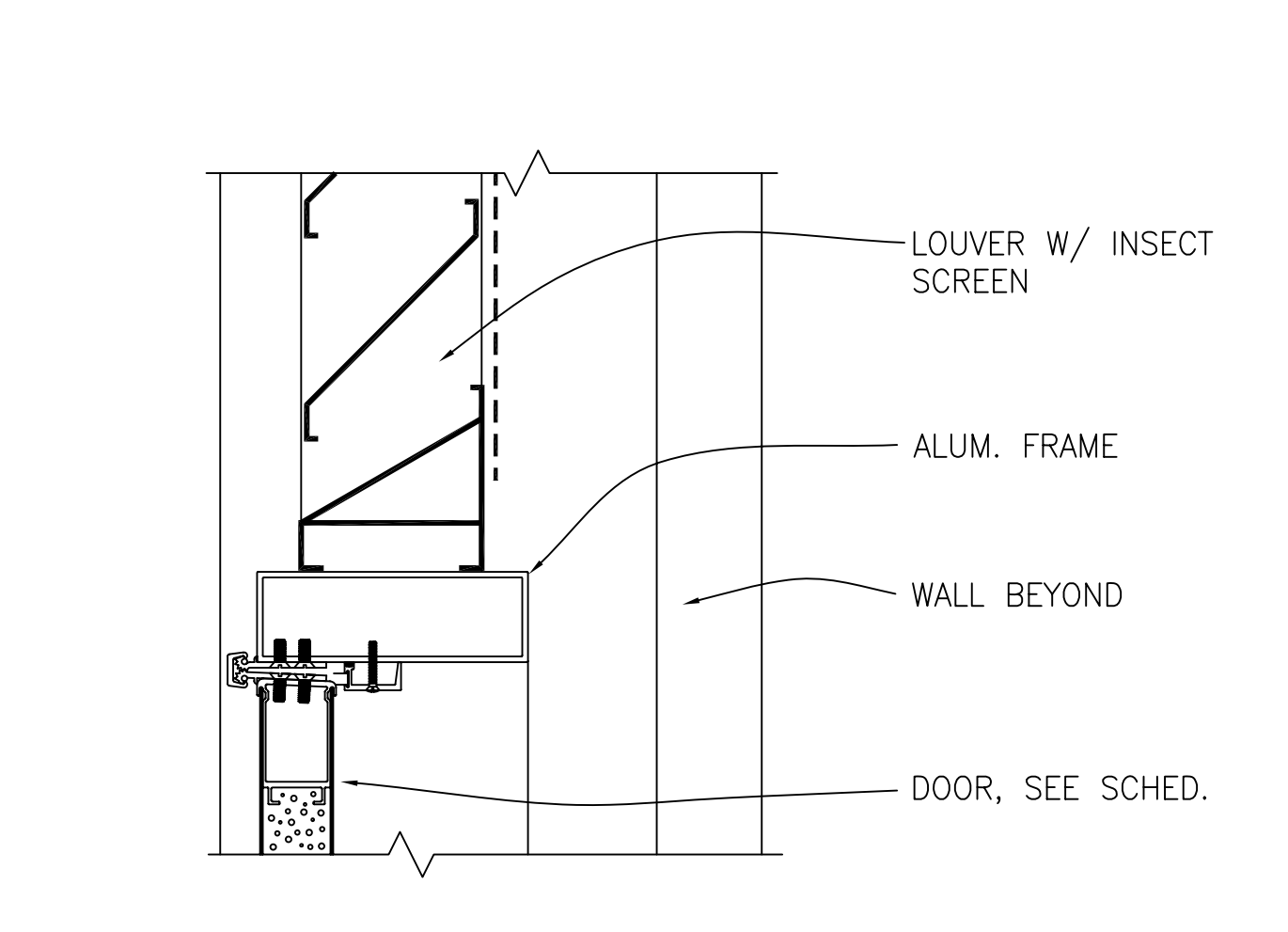
2 EXT. DOOR JAMB
REMOVABLE 3'-1'-0"



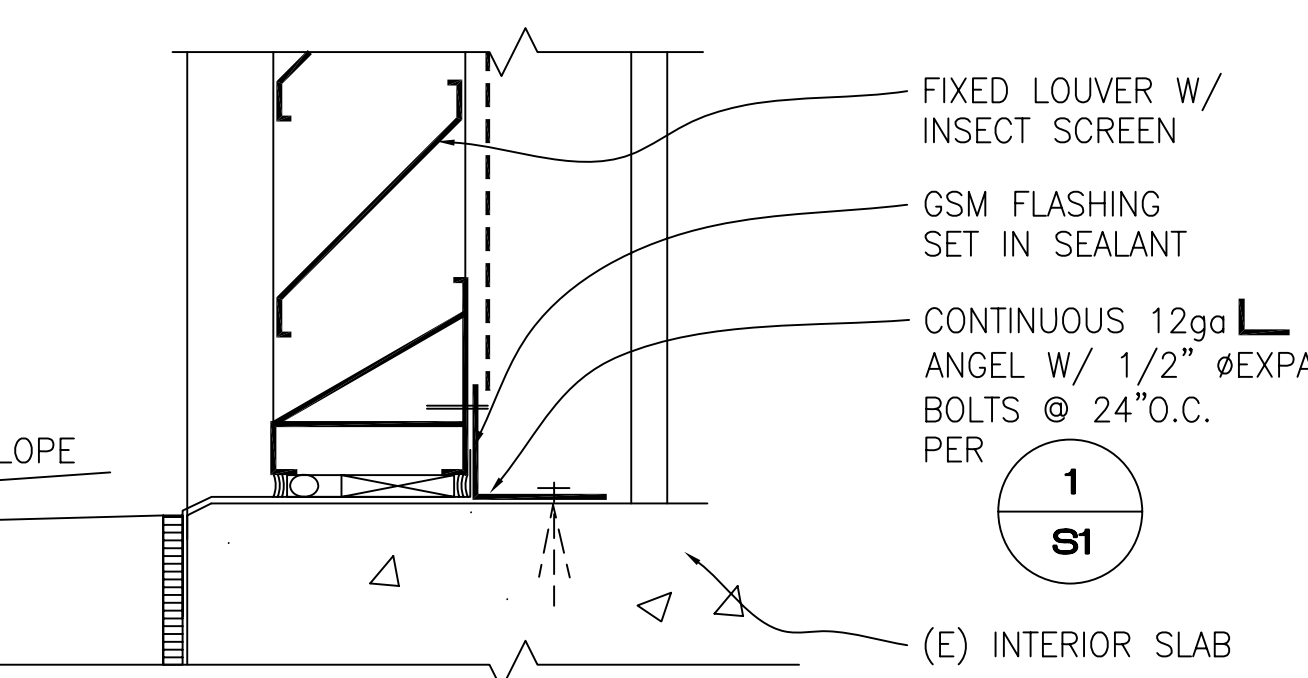
11 EXTERIOR WALL LOUVER HEAD (JAMB SIMILAR)
REMOVABLE 3'-1'-0"



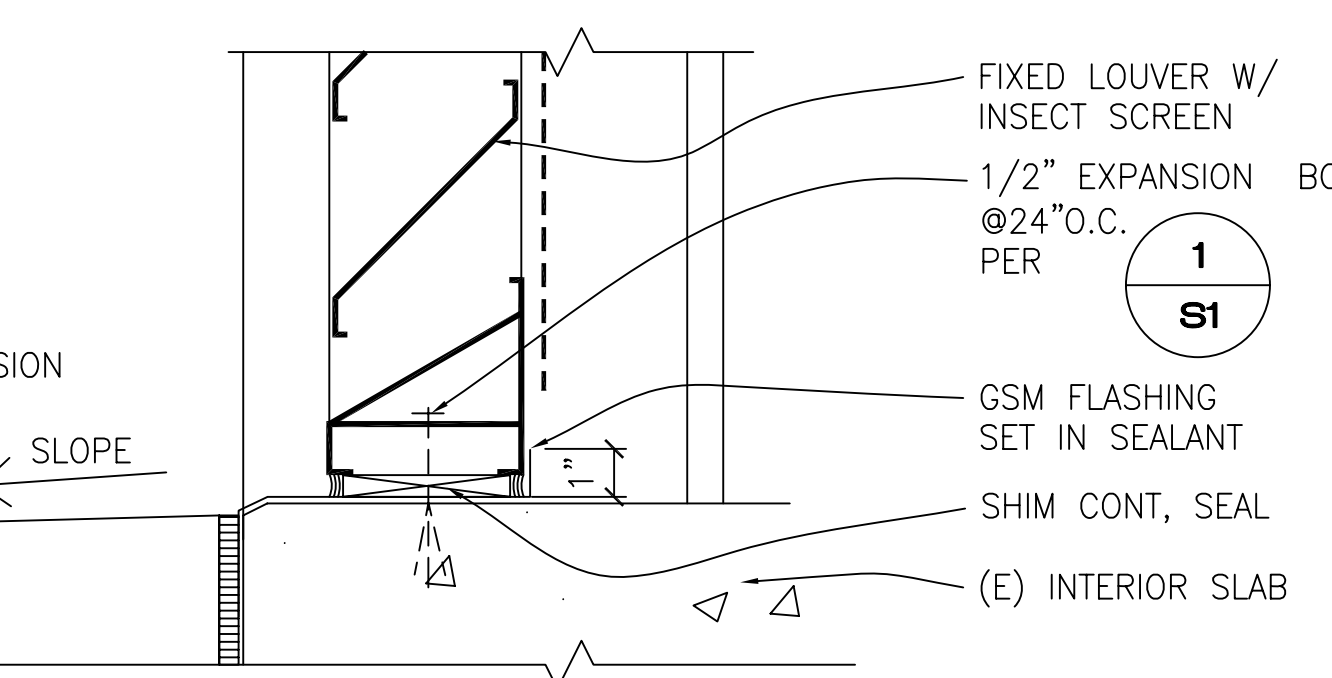
7 EXTERIOR WALL LOUVER HEAD (JAMB SIMILAR)
FIXED 3'-1'-0"



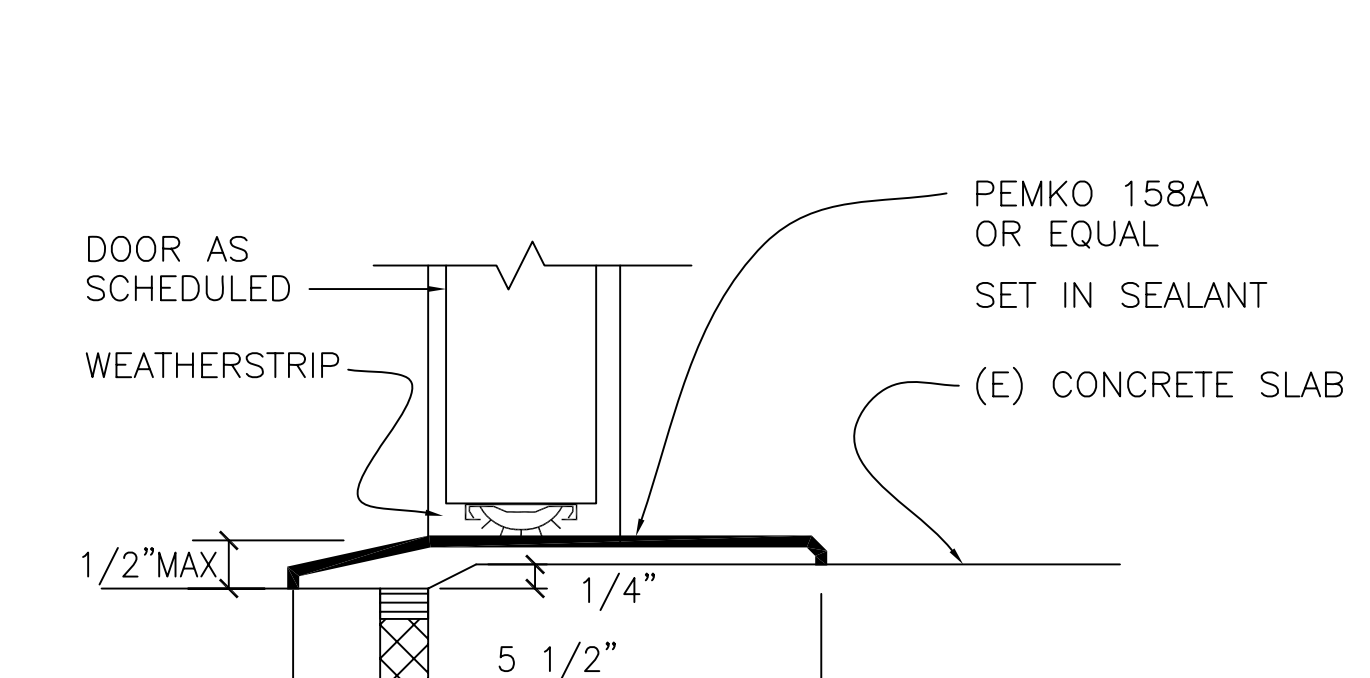
3 EXTERIOR WALL LOUVER/DOOR
REMOVABLE 3'-1'-0"



12 EXTERIOR WALL LOUVER SILL
REMOVABLE 3'-1'-0"

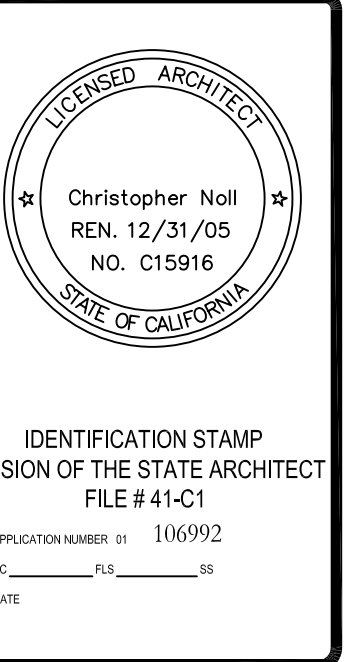


8 EXTERIOR WALL LOUVER SILL
FIXED 3'-1'-0"



4 EXTERIOR DOOR THRESHOLD
HALF SIZE

REV	DATE	BY	DESCRIPTION



Canada College Modernization
CENTRAL PLANT RENOVATION
San Mateo County Community College District

Door and Louver Details

SCALE	
PROJECT NO.	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
DATE	6/3/05
GROUP NO.	
DRAWN (COORD)	
CHECKED (COORD)	
DATE	

A3.0

KEY NOTES

XXXXX

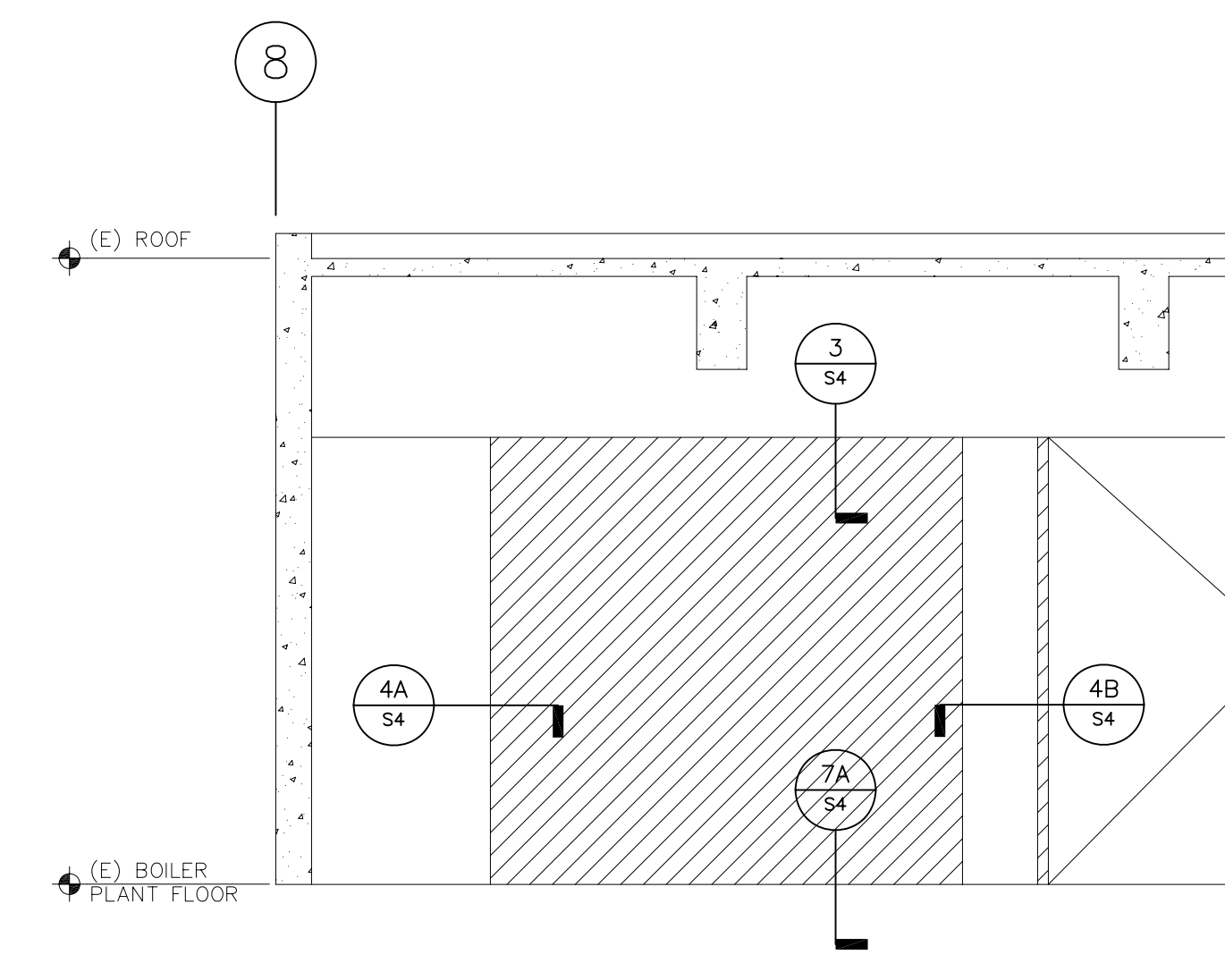
REV	DATE	BY	DESCRIPTION

Canada College Modernization
 CENTRAL PLANT RENOVATION
 San Mateo County Community College District

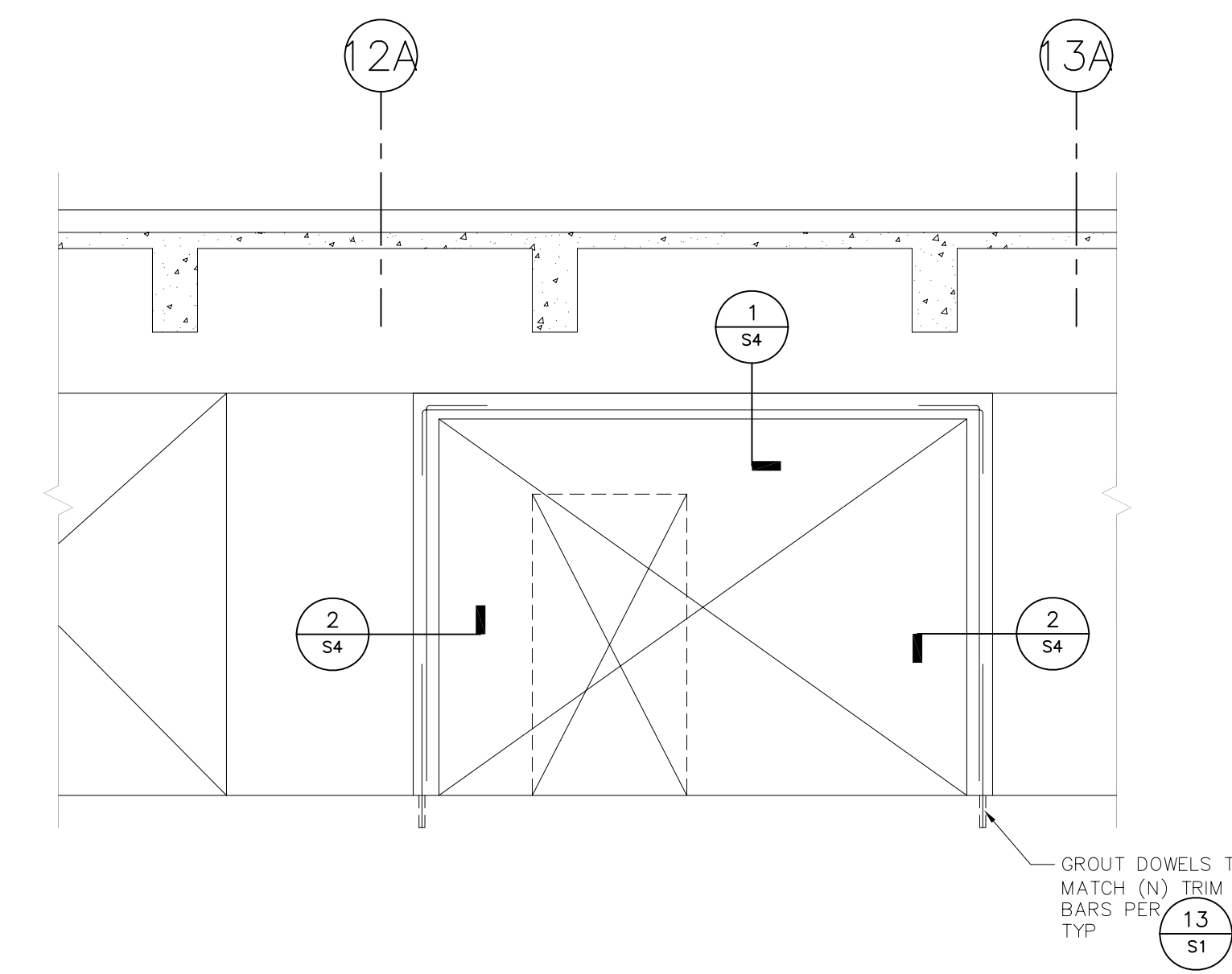
PLANS AND ELEVATIONS

SCALE	AS SHOWN
PROJECT NO.	04321.00
DRAWN BY	JSS
CHECKED BY	FF
DATE	6/3/2005
LAYOUT TAB	

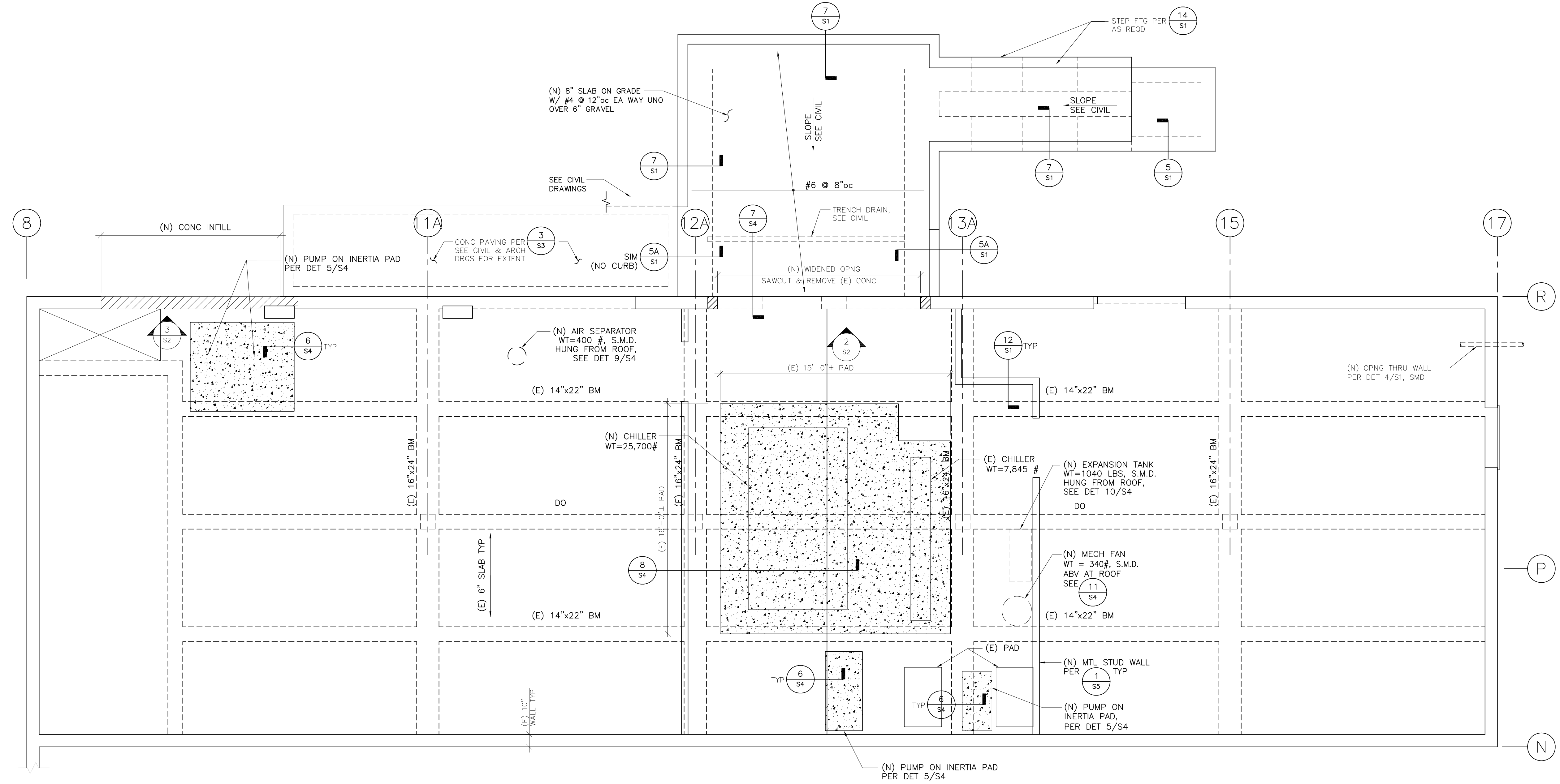
S2



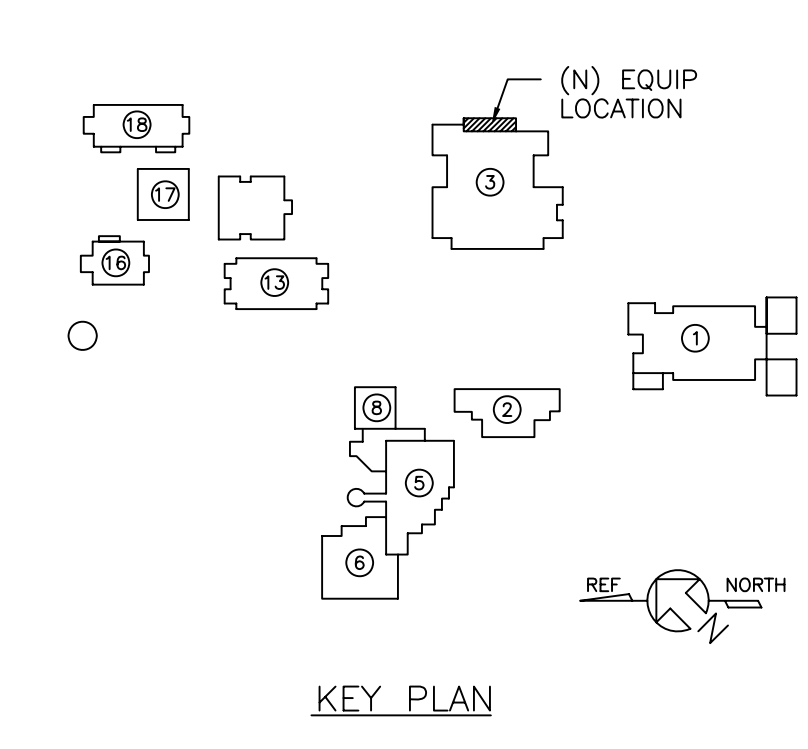
3 WALL ELEVATION
 1/4" = 1'-0"



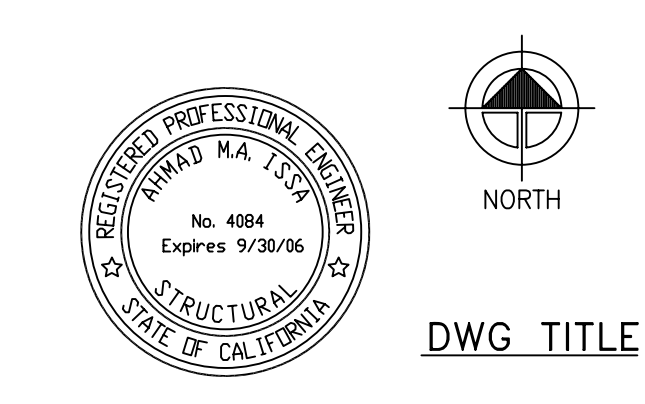
2 WALL ELEVATION
 1/4" = 1'-0"



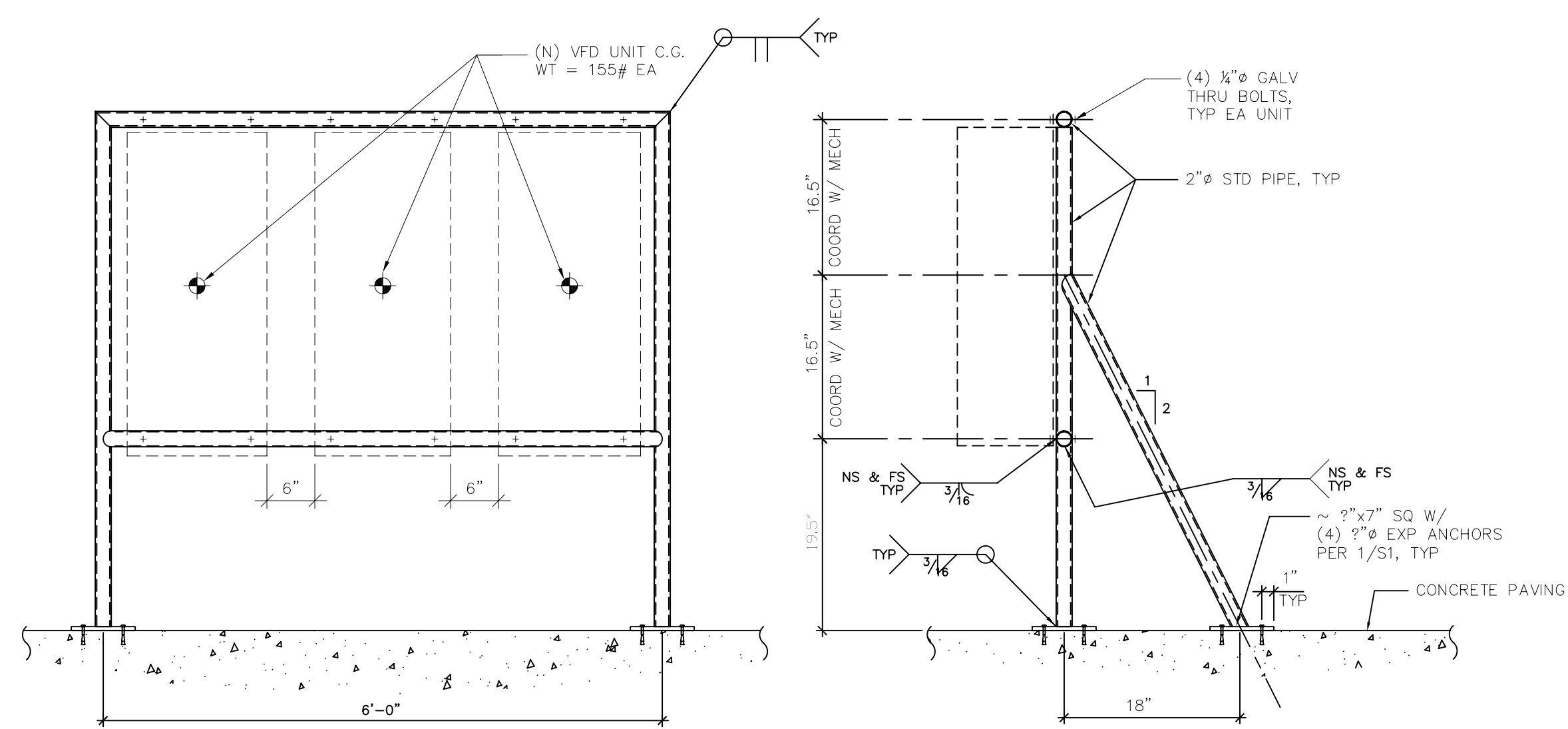
1 CENTRAL PLANT PLAN
 NOTE: SEE CIVIL FOR TOP OF WALL, CURB, AND PAVING ELEVATIONS.
 1/4" = 1'-0"



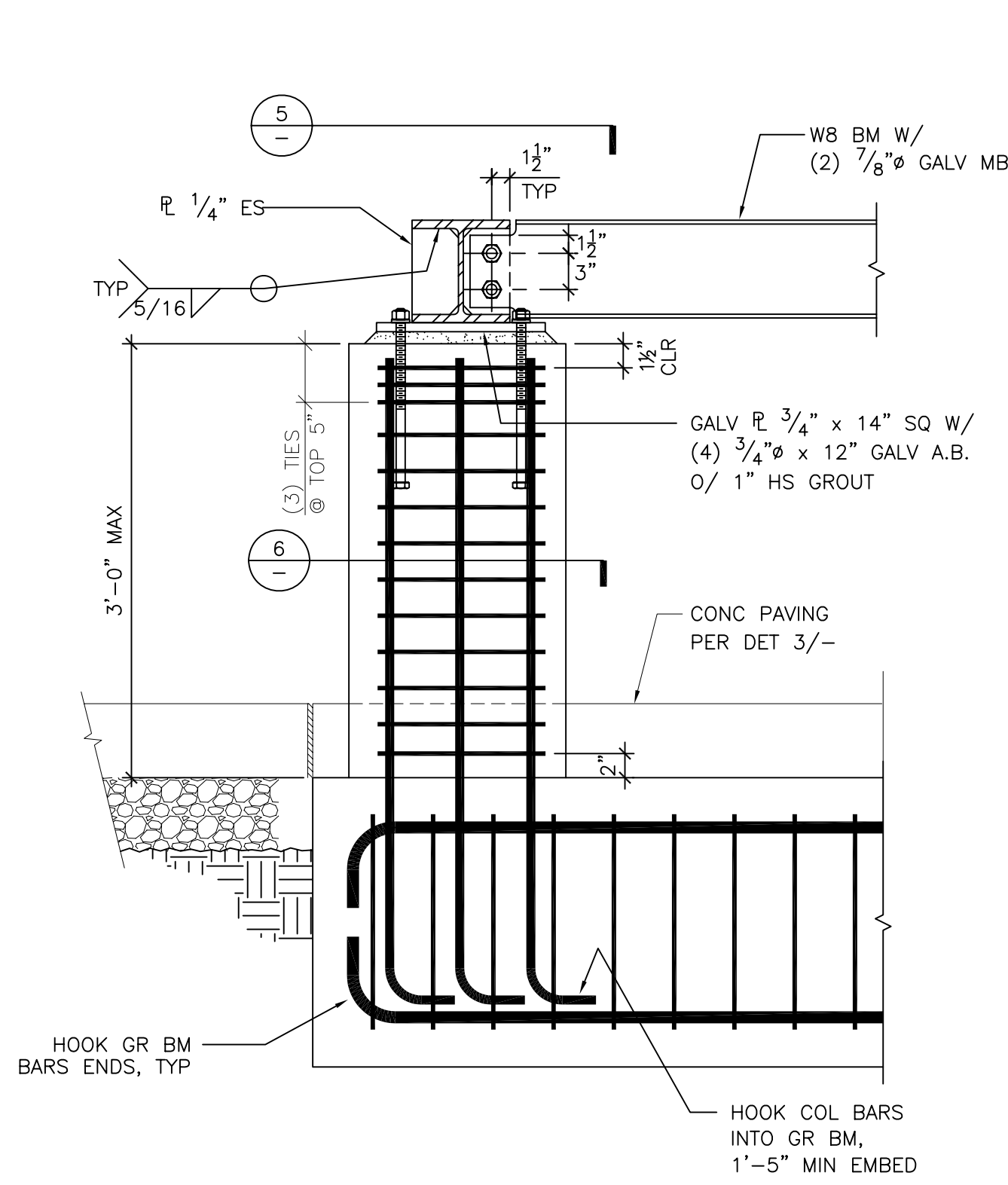
AS BUILT



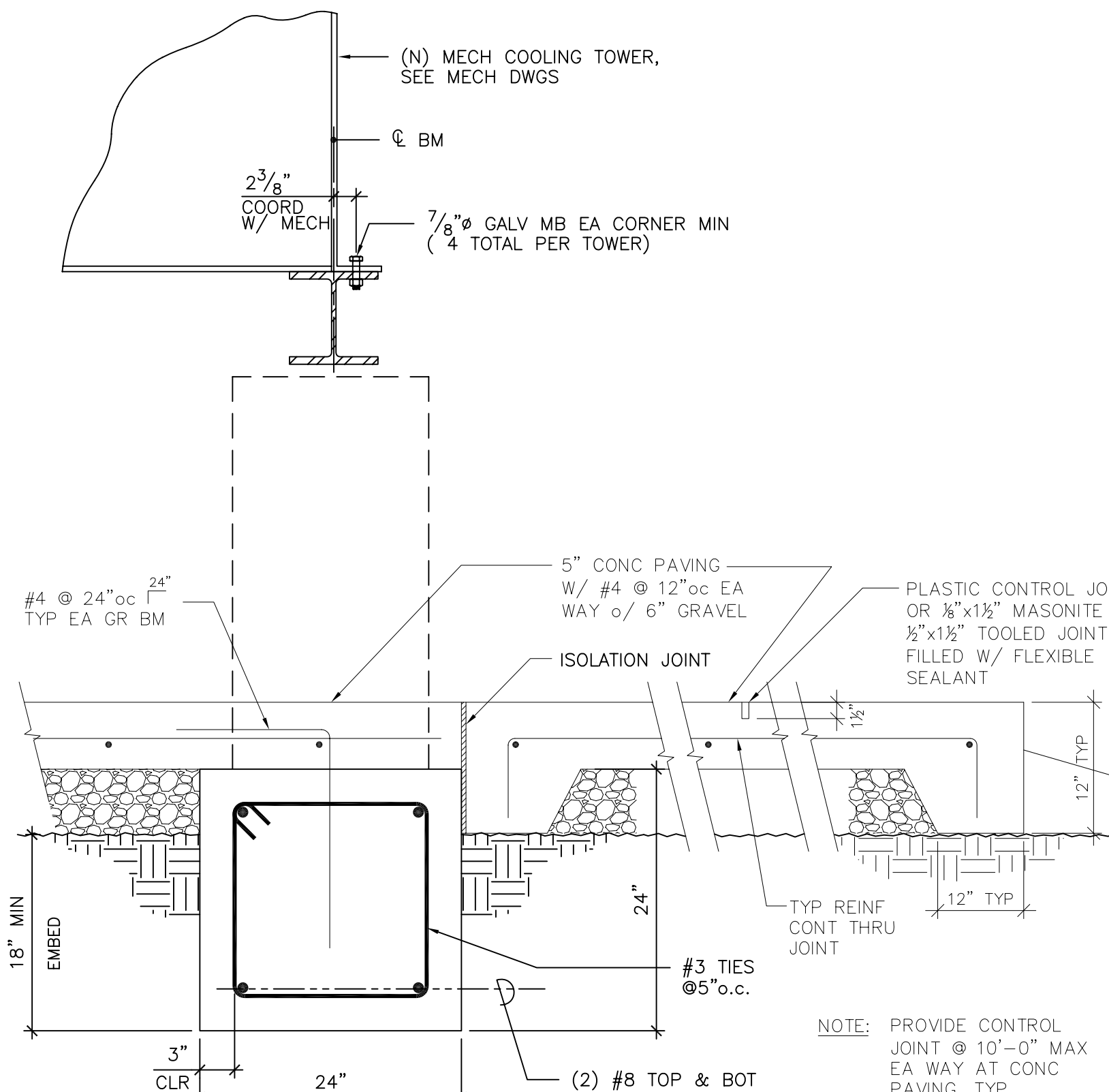
DWG TITLE



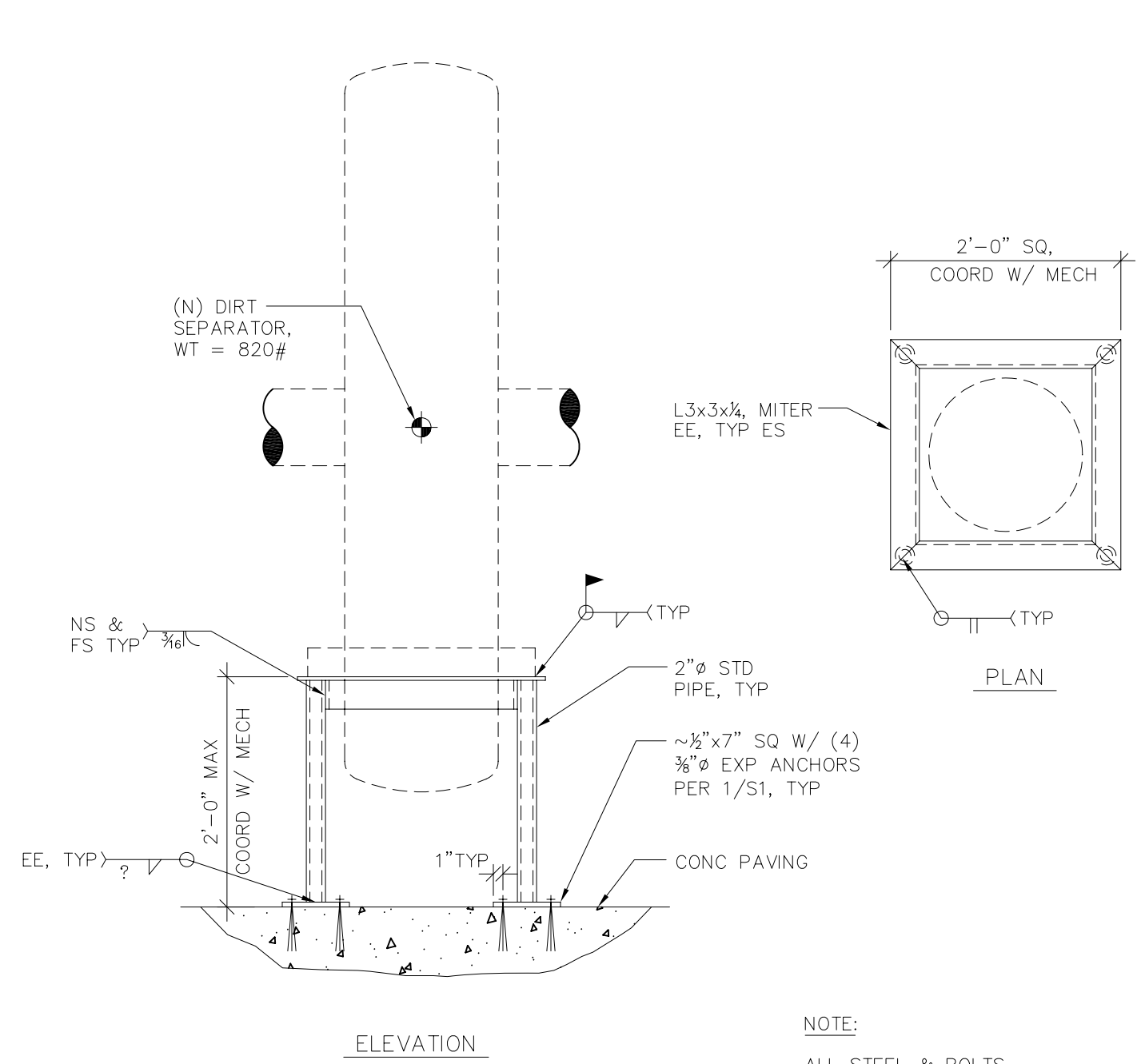
11 CABINET FRAME
MECH UNIT VFD-1, VFD-2, VFD-3
NO SCALE



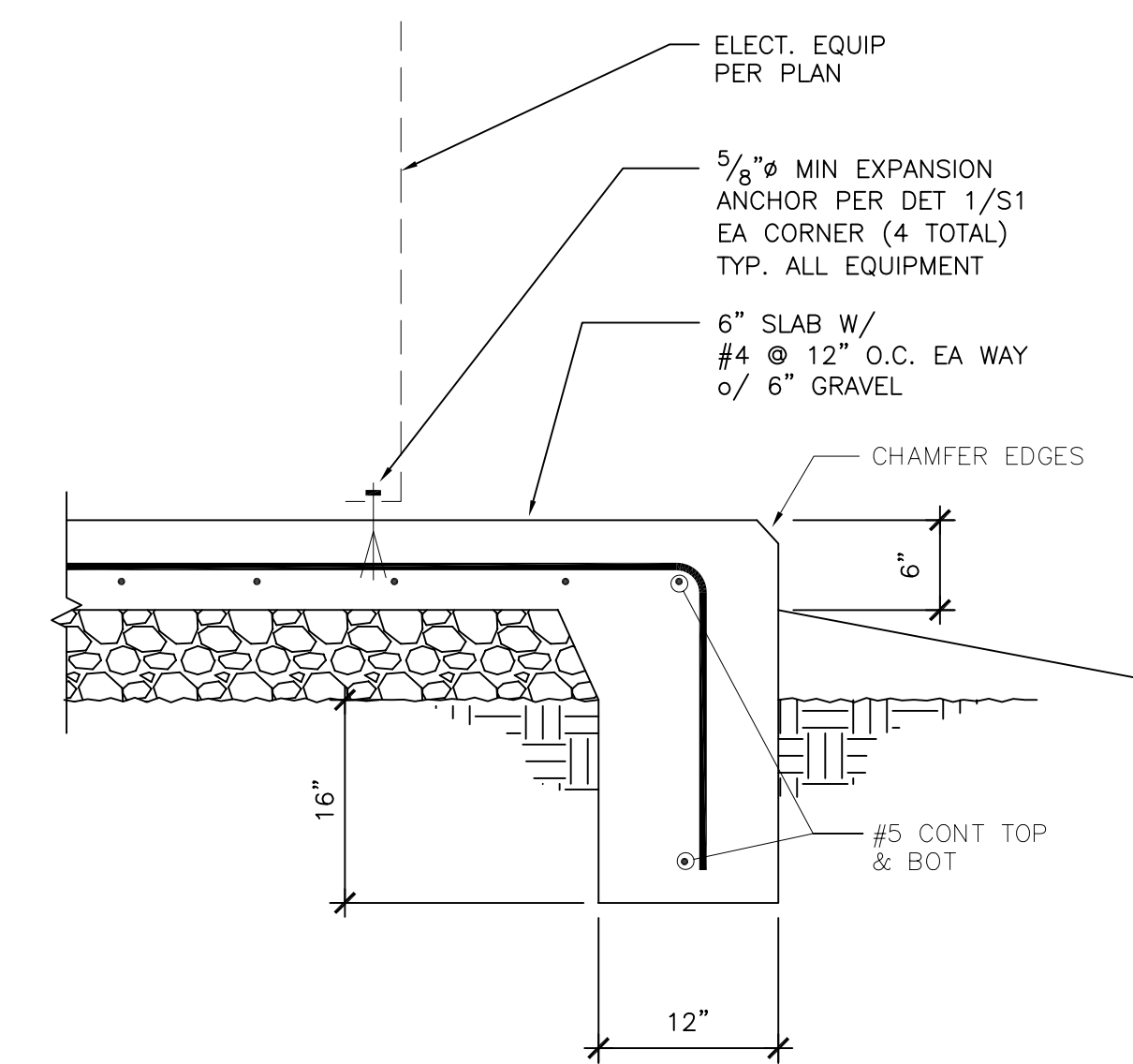
4 DETAIL
1"=1'-0"



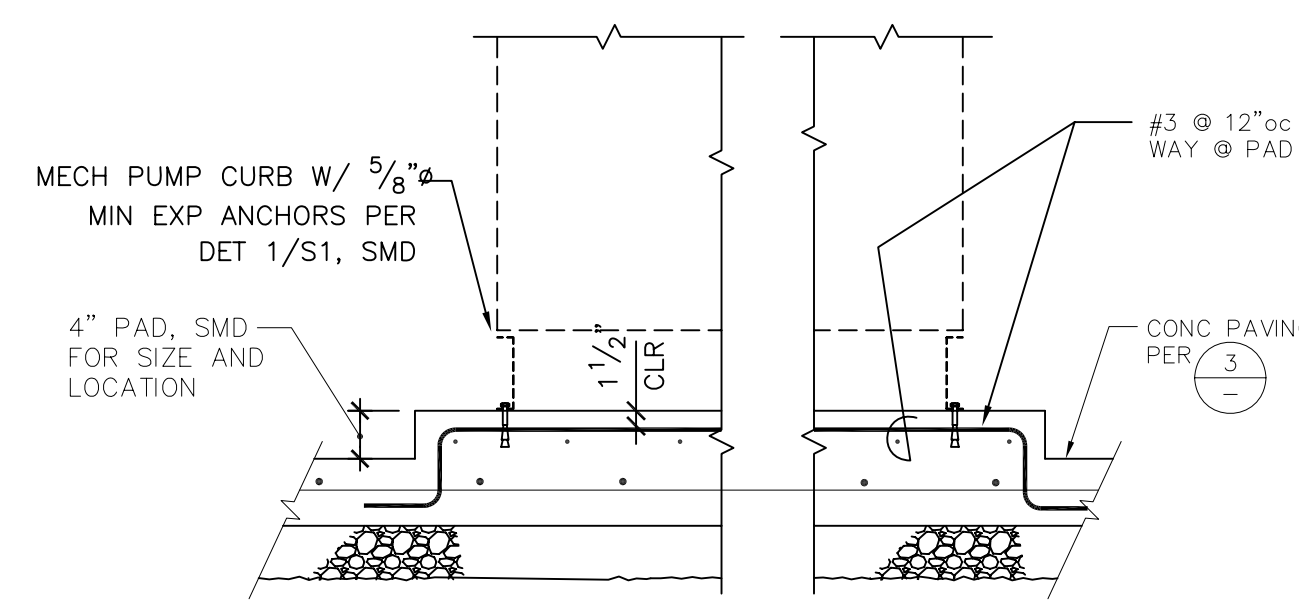
3 DETAIL
1"=1'-0"



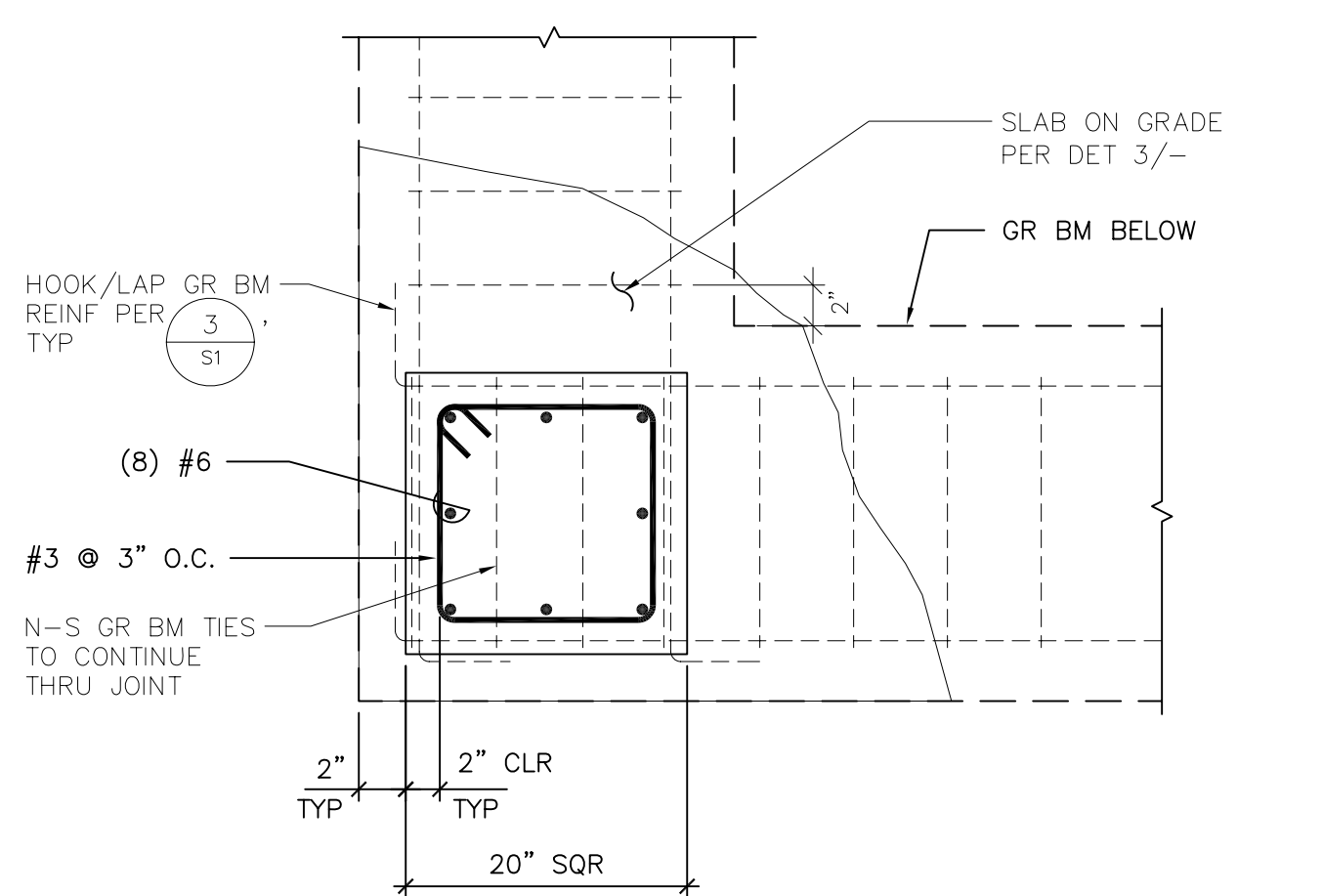
10 DIRT SEPARATOR DETAIL
3/4"=1'-0"



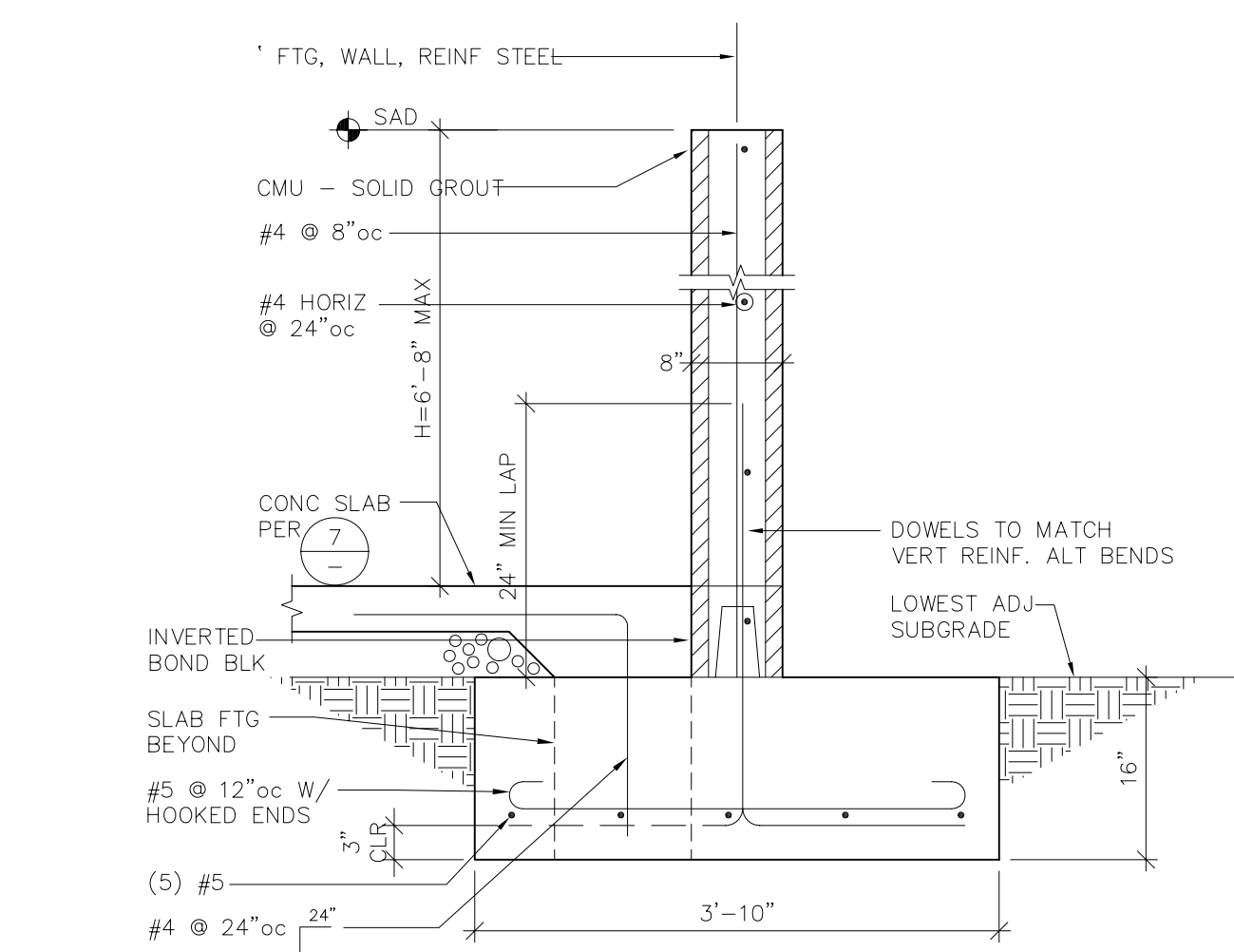
7 EQUIP PAD
1"=1'-0"



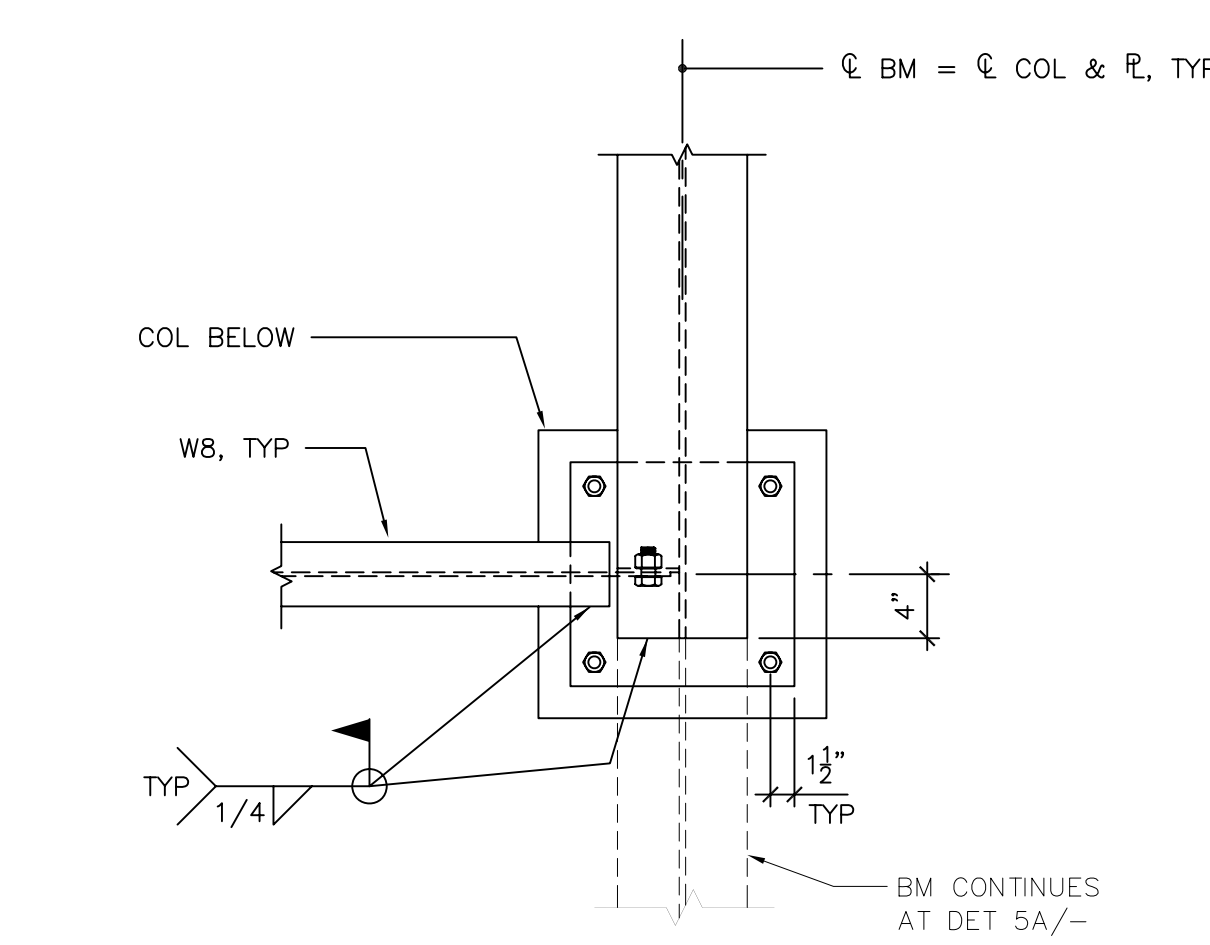
9 EQUIP PAD
3/4"=1'-0"



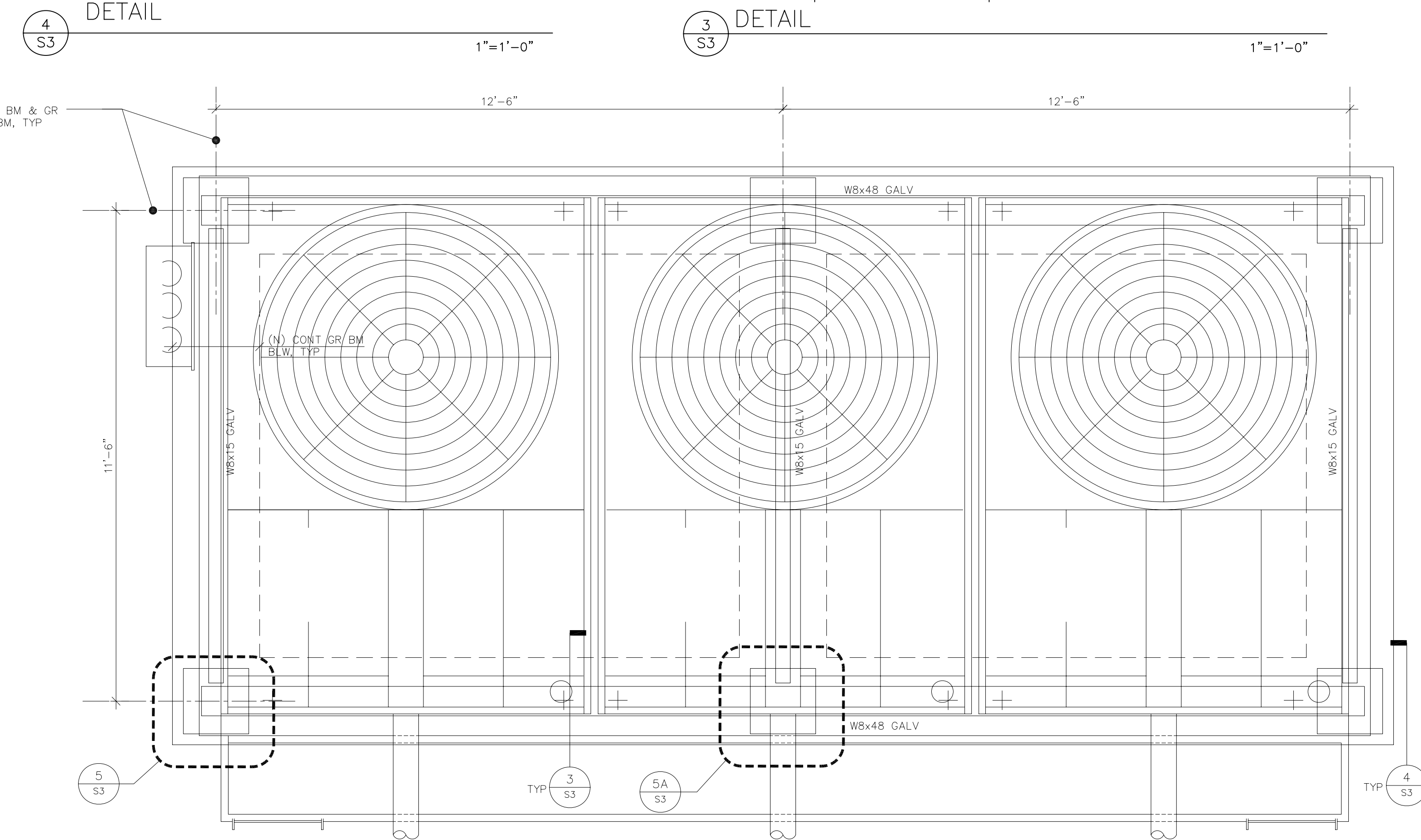
6 DETAIL
1"=1'-0"



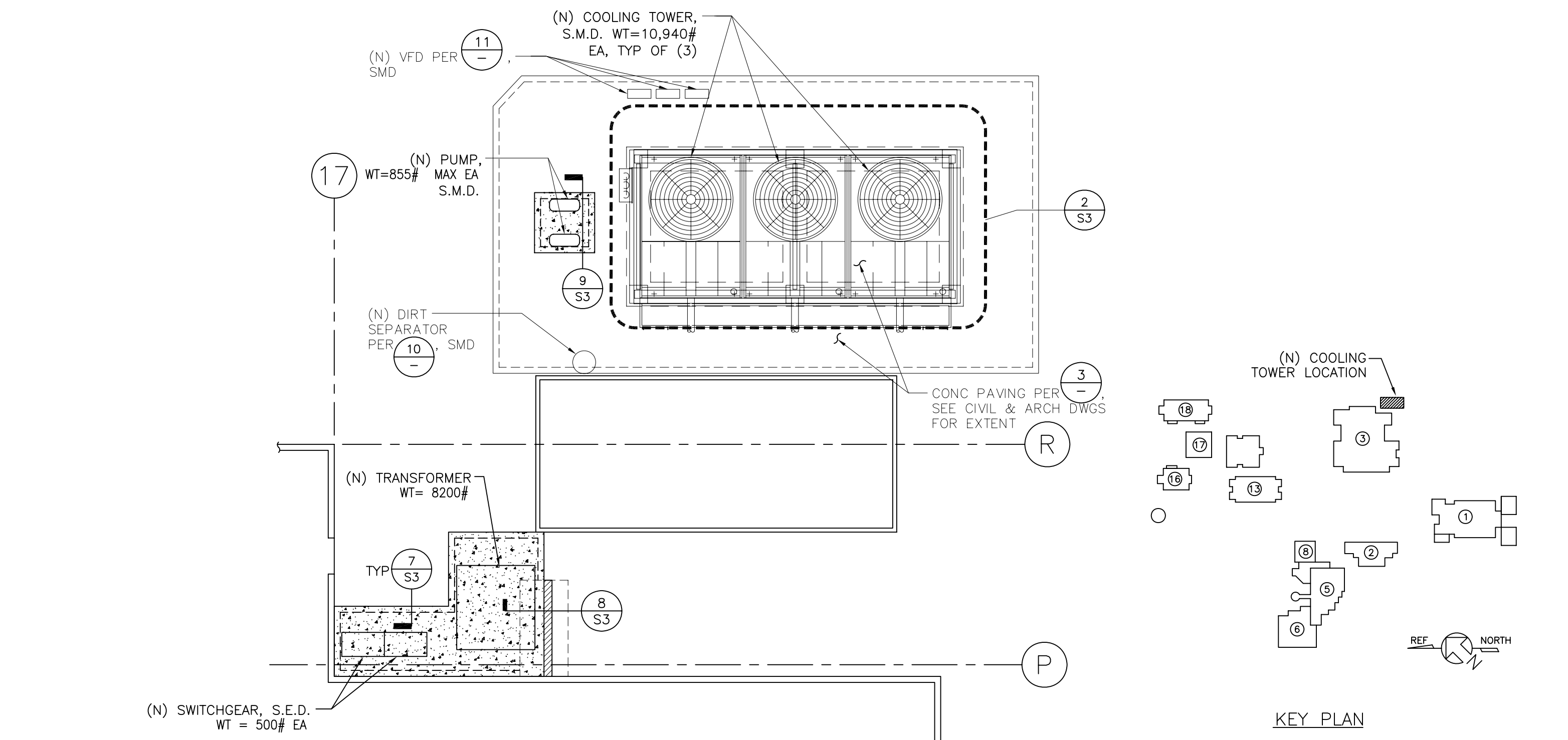
8 DETAIL
3/4"=1'-0"



5 DETAIL
1"=1'-0"



2 DETAIL - PLAN
1/2"=1'-0"



17 PLAN
1/8"=1'-0"

KEY NOTES

XXXX

Chevronflexaco
Chevron Energy Solutions Company
A Division of Chevron U.S.A. Inc.
10000 Skyway, Houston, TX 77036
713.853.4600

REV	DATE	BY	DESCRIPTION

ZFA STRUCTURAL ENGINEERS
555 HOWARD STREET
SAN FRANCISCO
CALIFORNIA 94105
TEL (415) 243-4091
FAX (415) 243-0241
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Canada College Modernization
CENTRAL PLANT RENOVATION
San Mateo County Community College District

PLANS AND DETAILS

SCALE	AS SHOWN
PROJECT NO.	04321.00
DESIGNED BY	JSS
DRAWN BY	FF
CHECKED BY	AI
DATE	6/3/2005
DRAWN FOR	
PROJECT (OWNER)	
PROJECT (CONTRACTOR)	
PROJECT (ARCHITECT)	
PROJECT (ENGINEER)	

DWG TITLE

S3

KEY NOTES

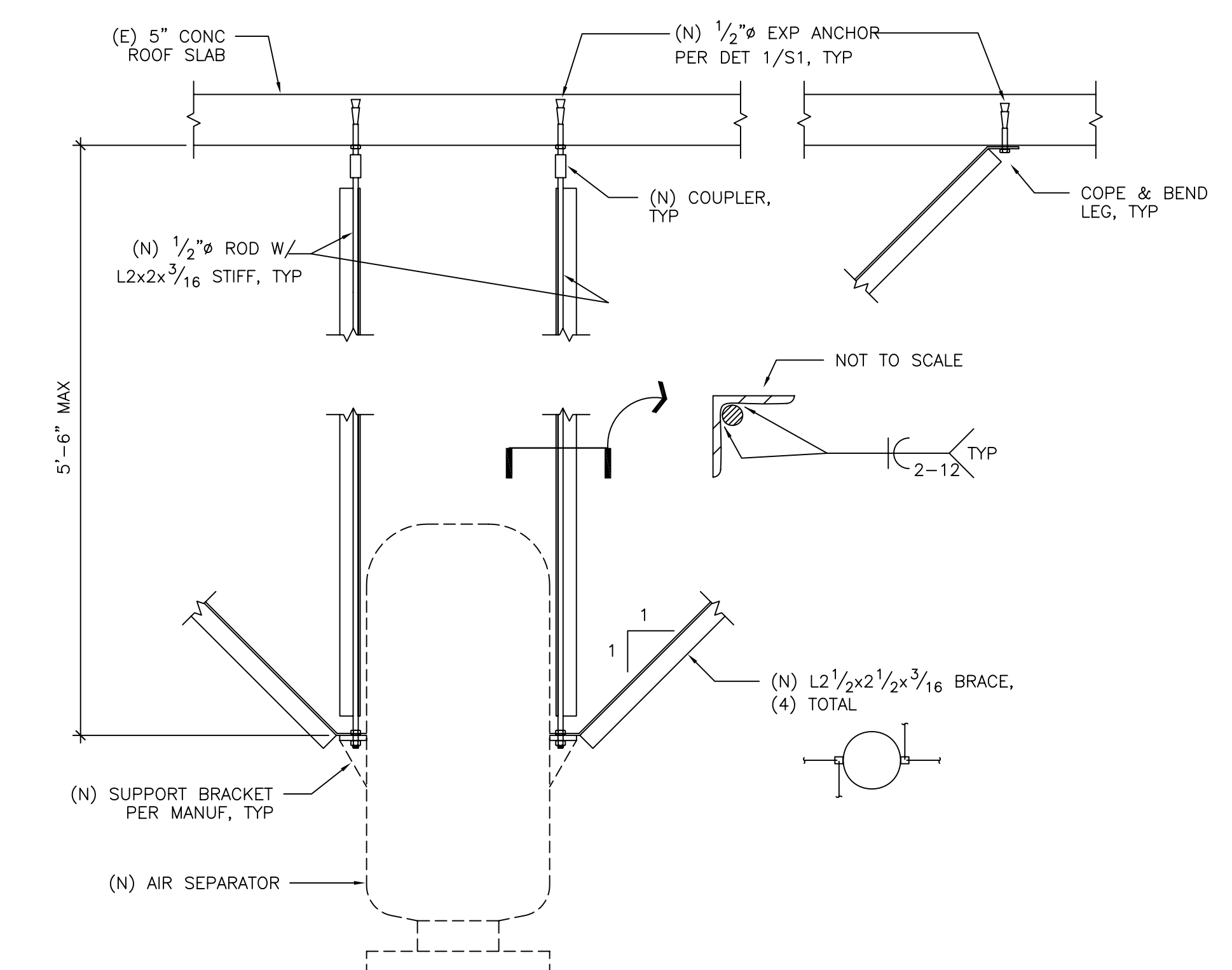
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REV	DATE	BY	DESCRIPTION

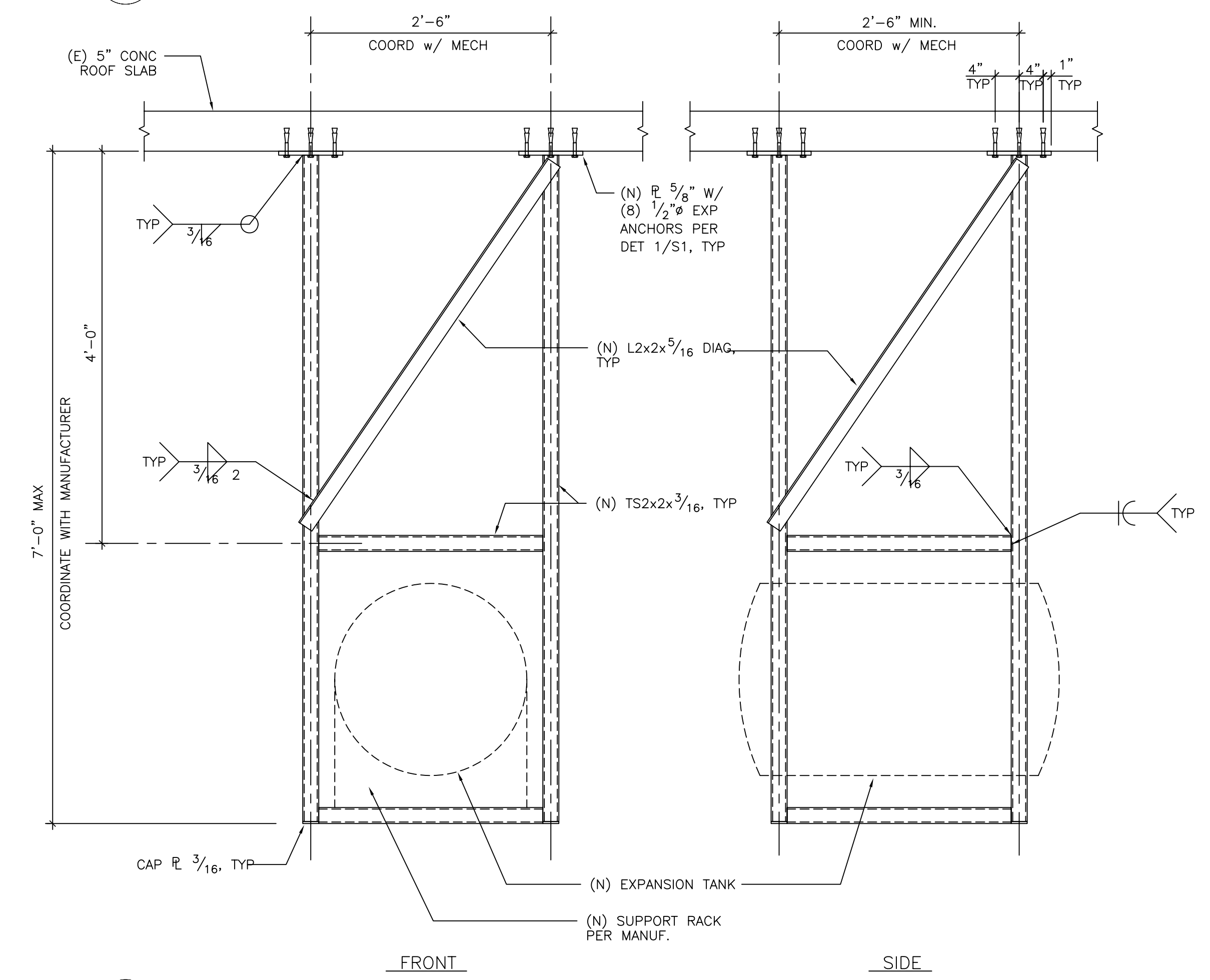
DETAILS

SCALE	AS SHOWN
PROJECT NO.	04321.00
DESIGNED BY	JSS
DRAWN BY	FF
CHECKED BY	AI
DATE	6/3/2005
LAYOUT TAB	
PREP (CON)	
PREP (CON)	
FILE NAME	

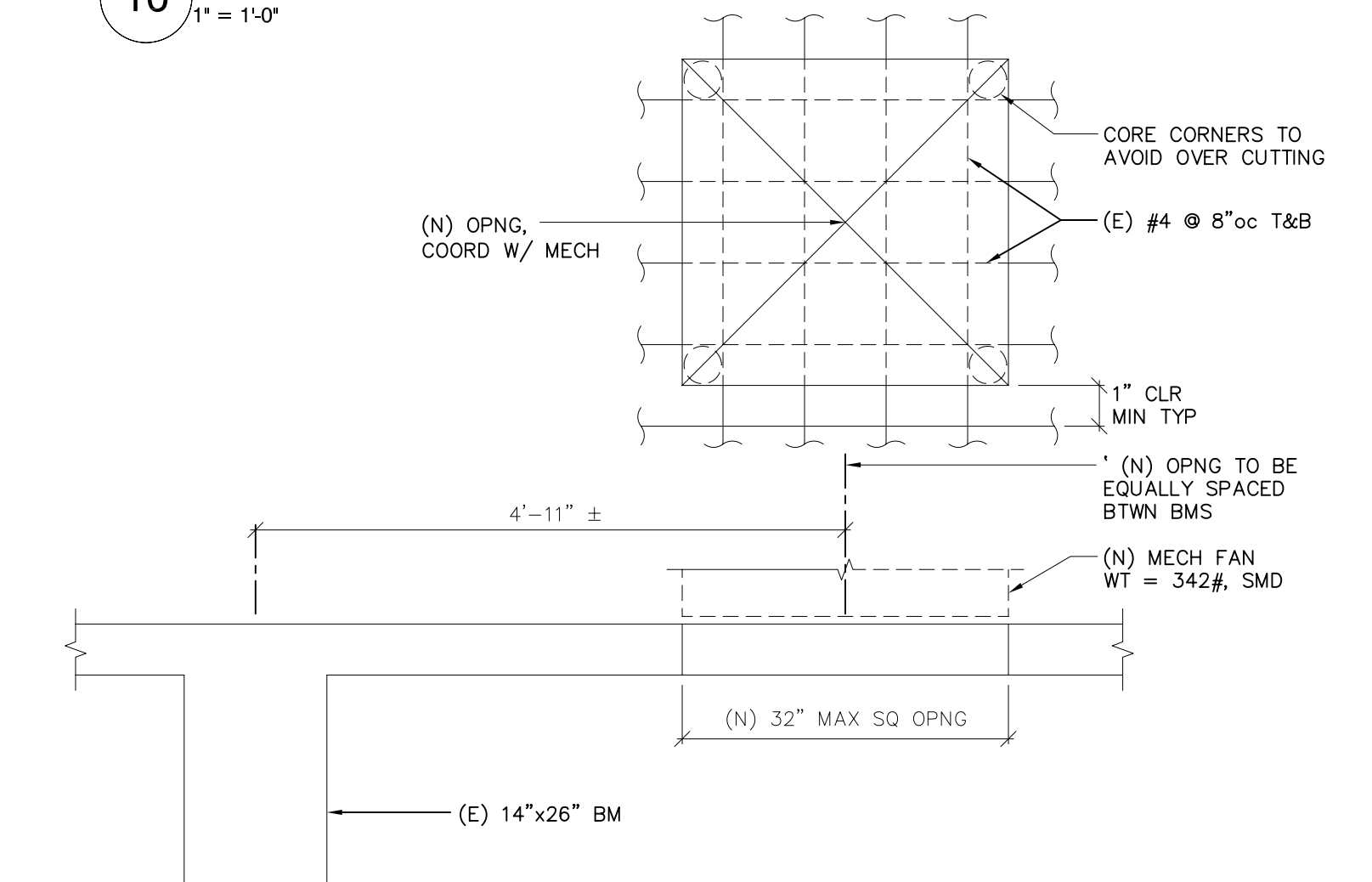
S4



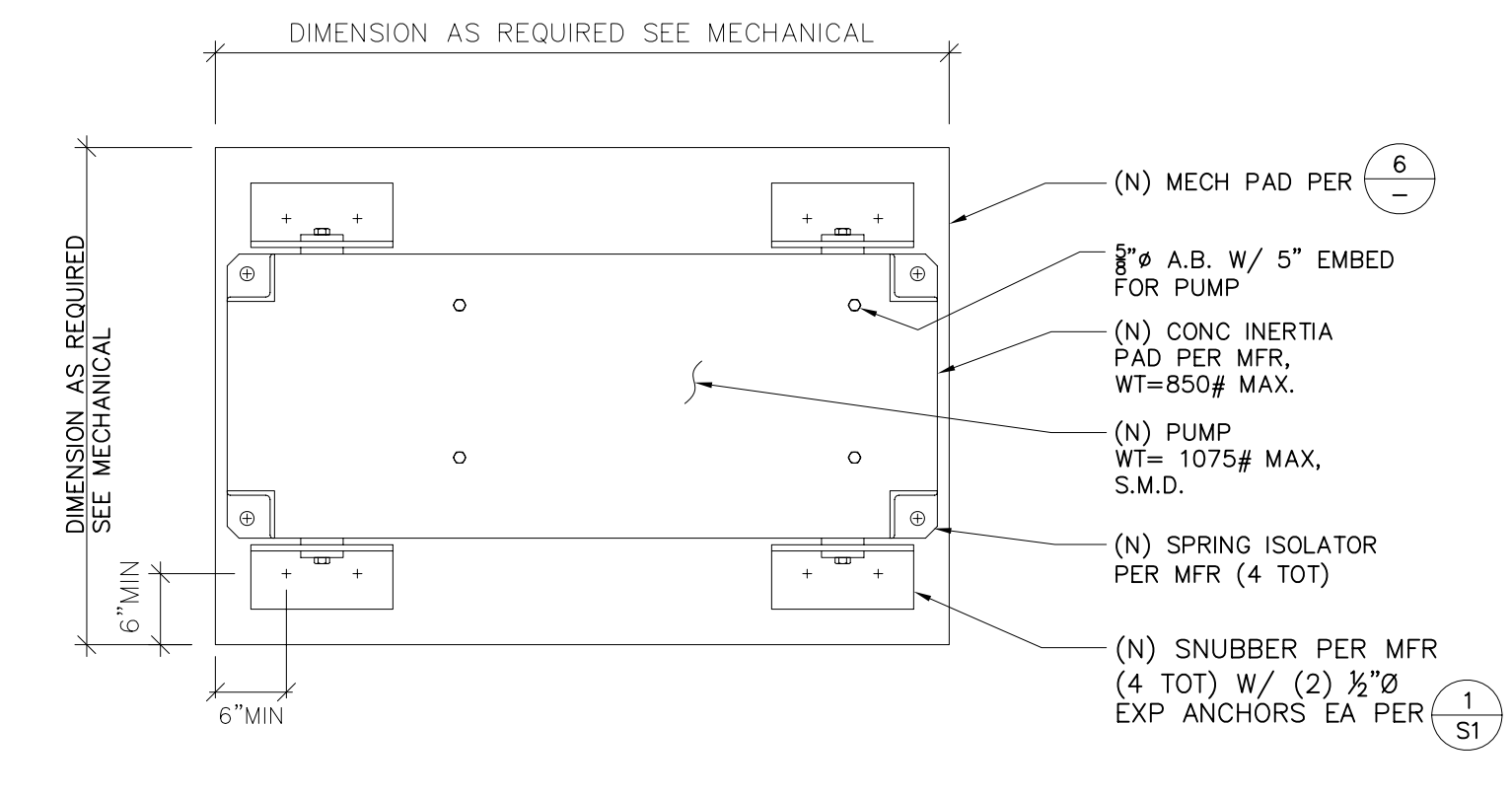
9 AIR SEPARATOR DETAIL
1" = 1'-0"



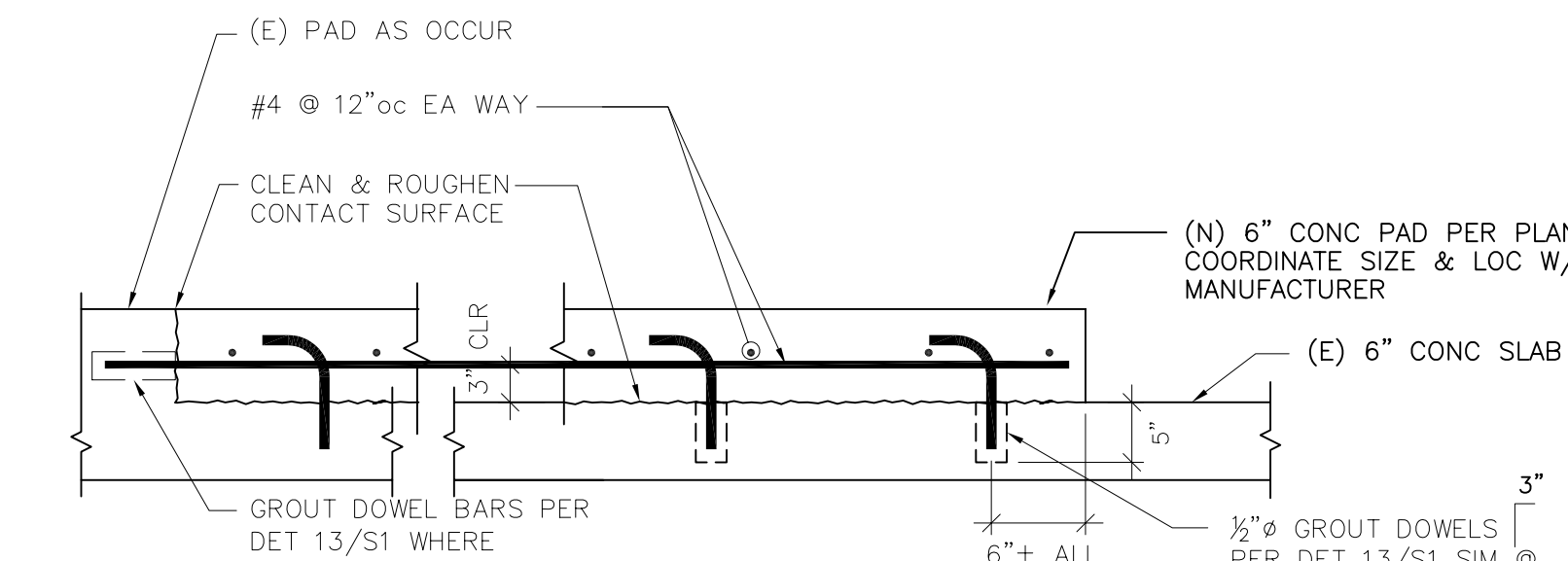
10 EXPANSION TANK DETAIL
1" = 1'-0"



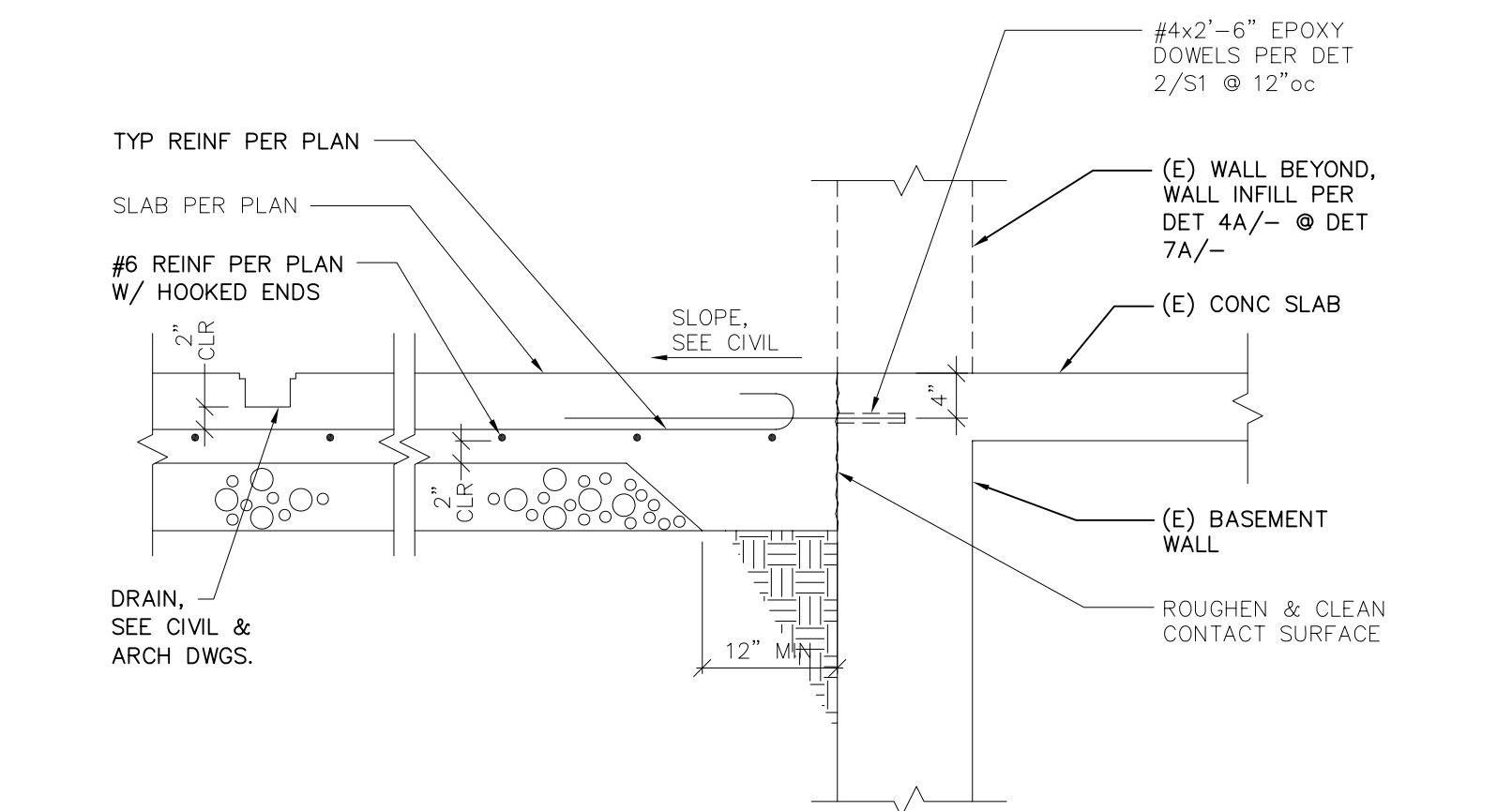
11 (N) MECHANICAL FAN AT (E) ROOF SLAB
3/4" = 1'-0"



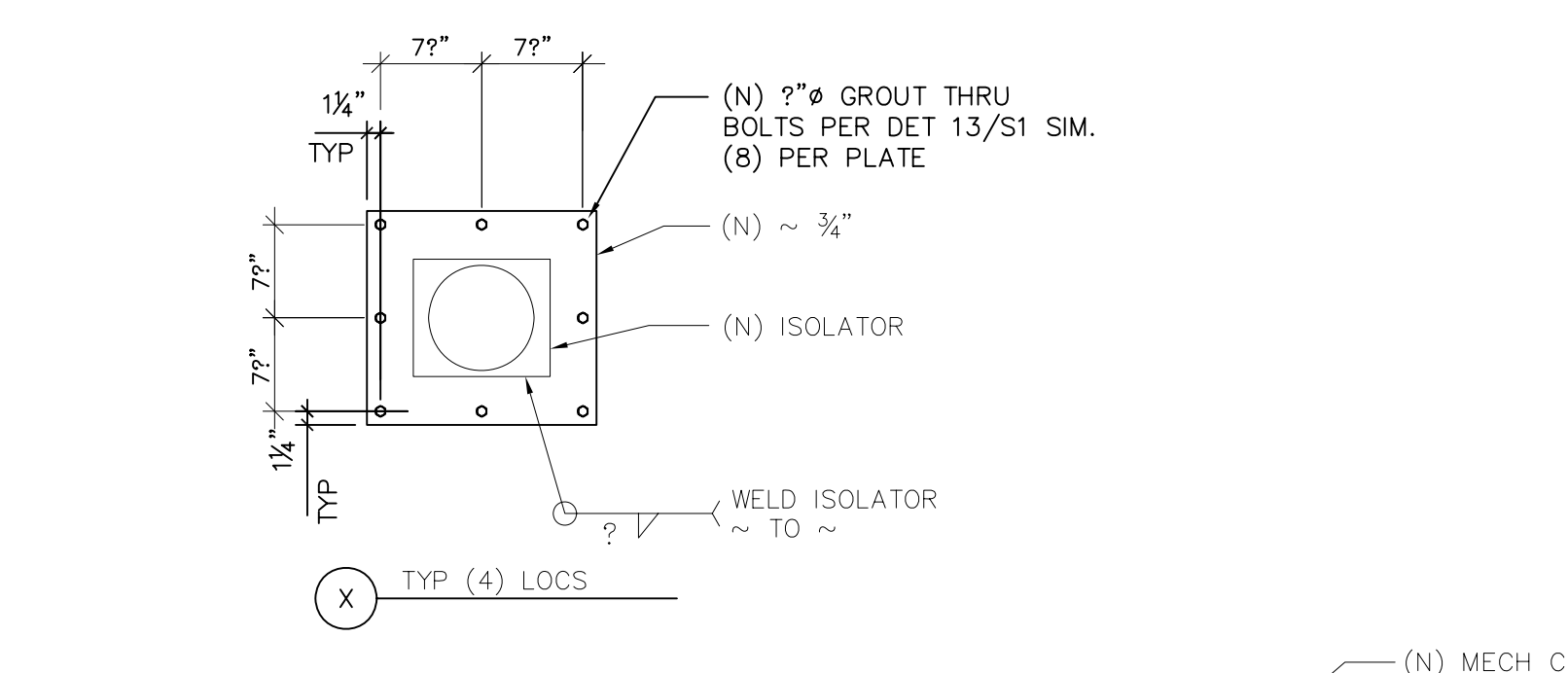
5 PLAN - PUMP SUPPORT PAD
3/4" = 1'-0"



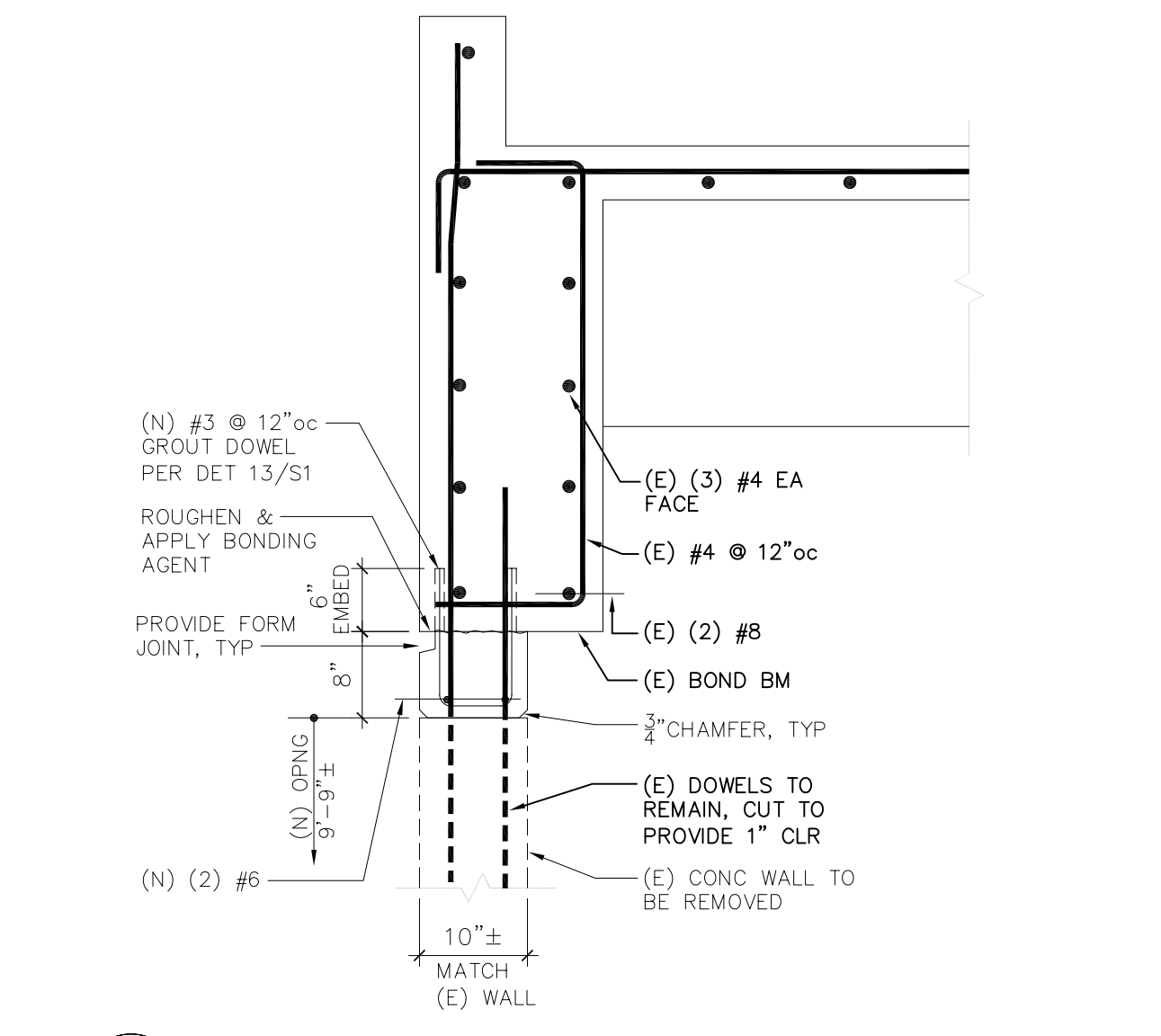
6 MECHANICAL PAD DETAIL
1" = 1'-0"



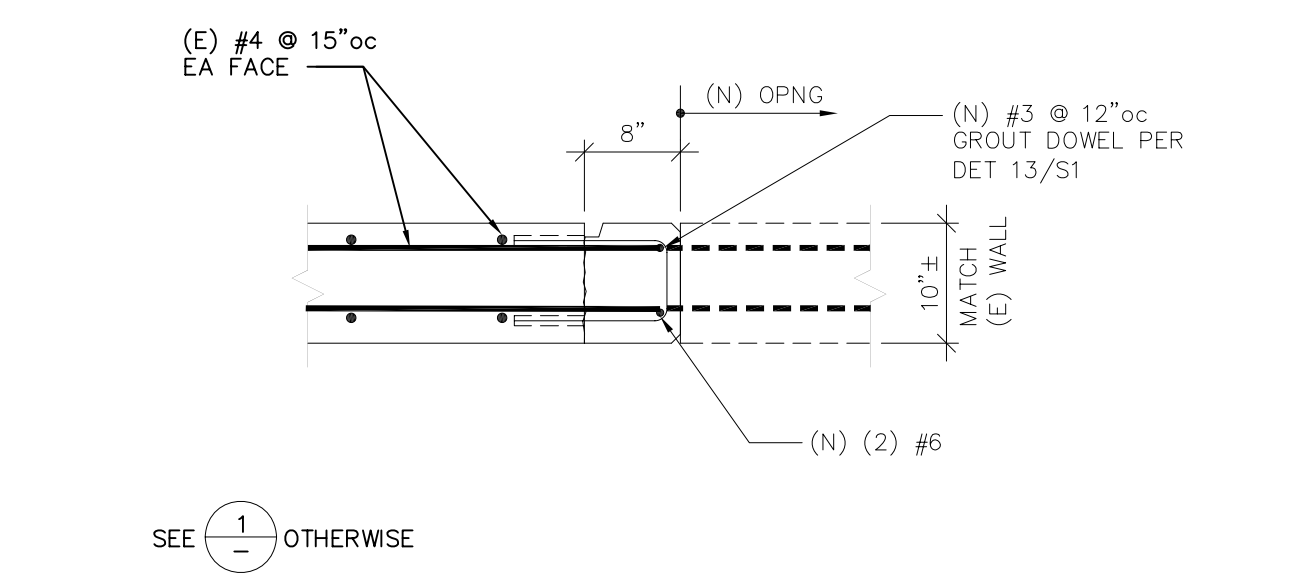
7 7A
3/4" = 1'-0"



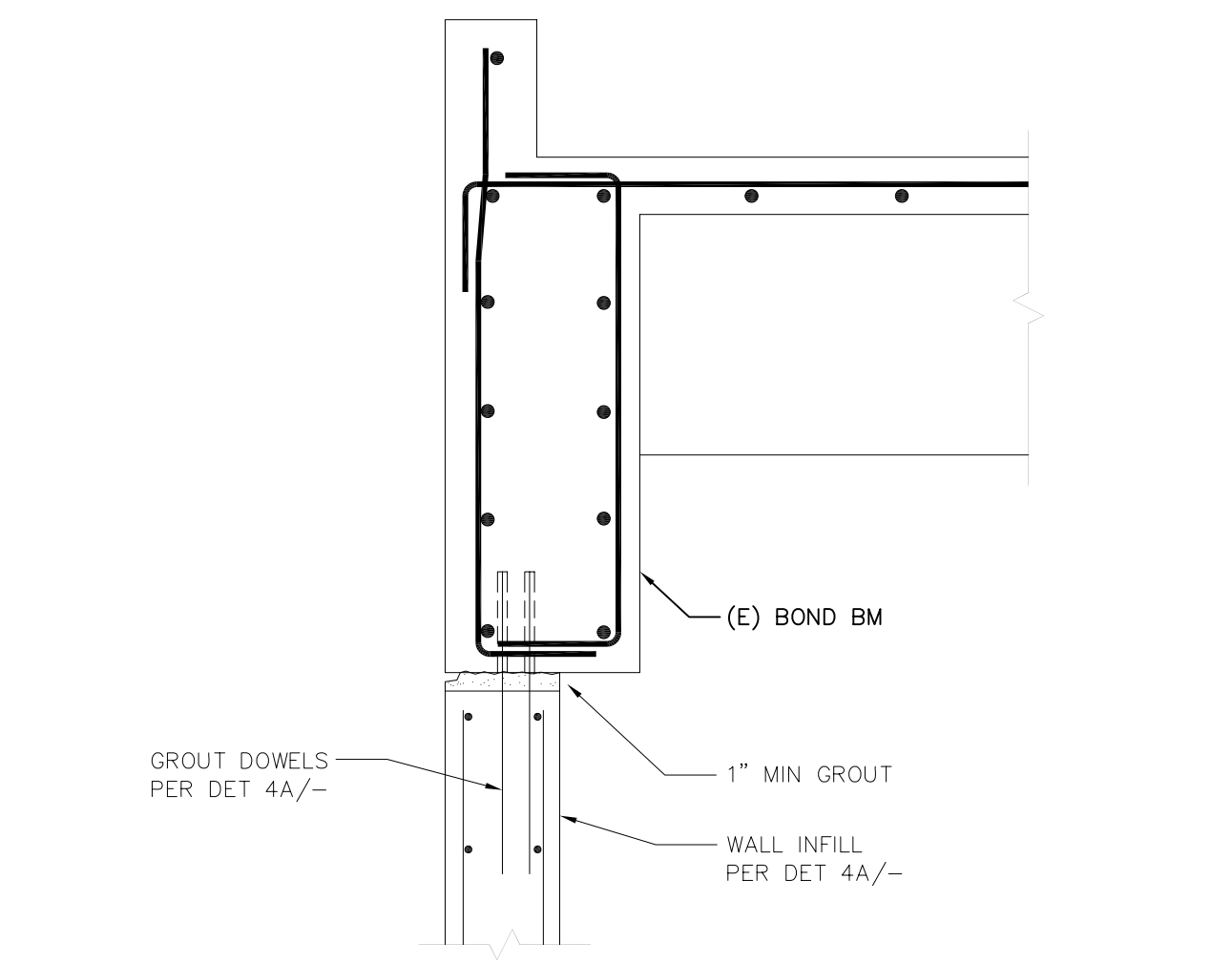
8 (N) CHILLER DETAIL - SECTION
1" = 1'-0"



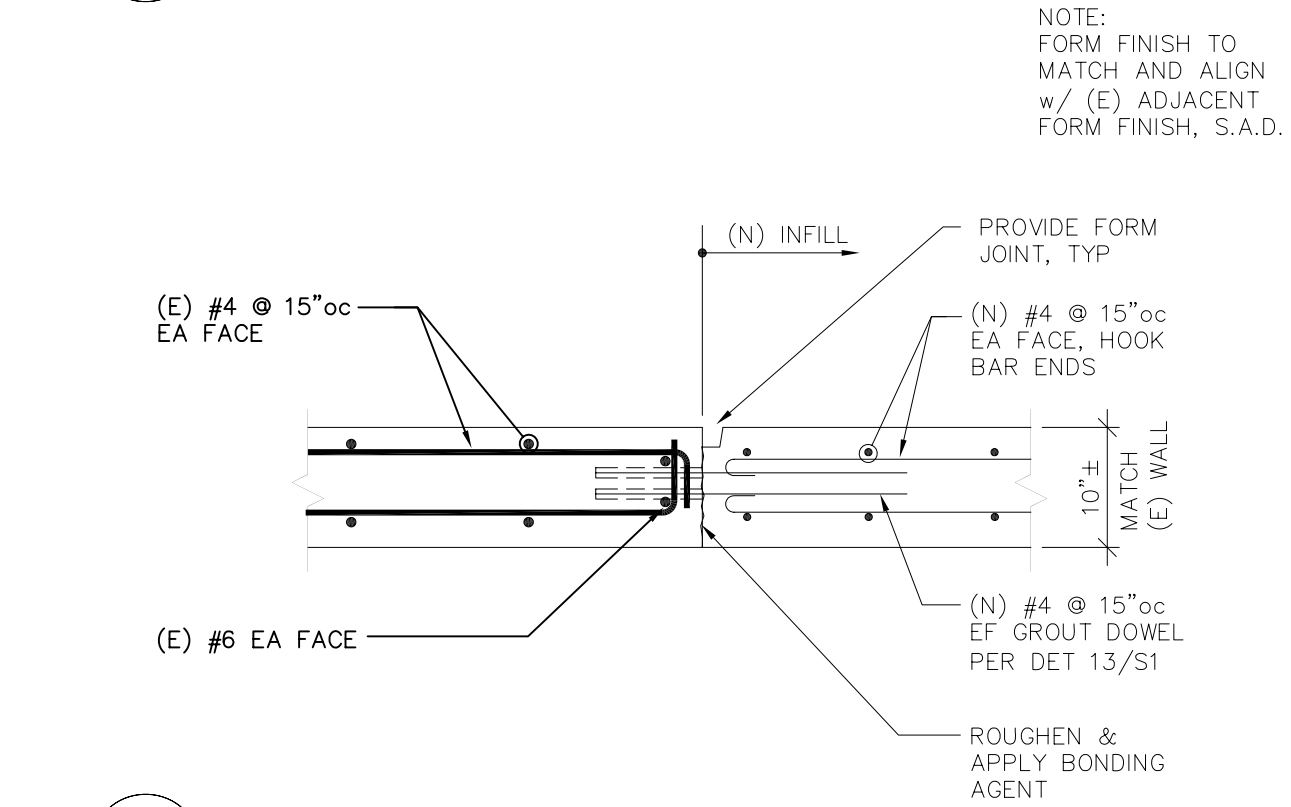
1
3/4" = 1'-0"



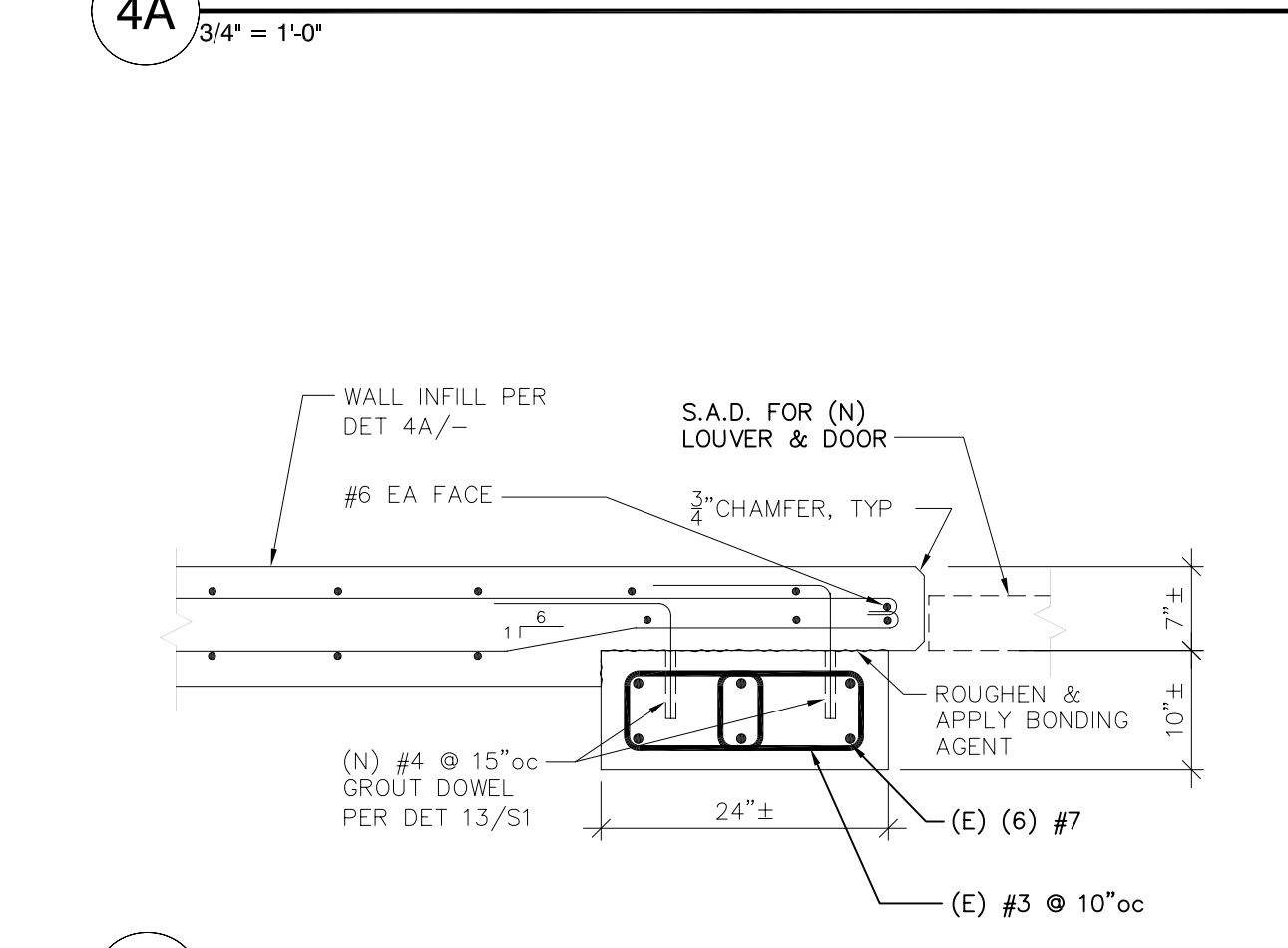
2
3/4" = 1'-0"



3
3/4" = 1'-0"



4A
3/4" = 1'-0"



4B
3/4" = 1'-0"

AS BUILT



DWG TITLE

KEY NOTES

XXXX



REV	DATE	BY	DESCRIPTION

ZFA STRUCTURAL ENGINEERS
 555 HOWARD STREET
 SAN FRANCISCO CALIFORNIA 94105
 TEL (415) 243-4091
 FAX (415) 243-0241
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Canada College Modernization
 CENTRAL PLANT RENOVATION
 San Mateo County Community College District

SCALE	AS SHOWN
PROJECT NO.	04321.00
DRAWN BY	JSS
CHECKED BY	FF
DATE	6/3/2005
LAYOUT TAB	
PREP (CON)	
PREP (CON)	
FILE NAME	

AS BUILT

DWG TITLE

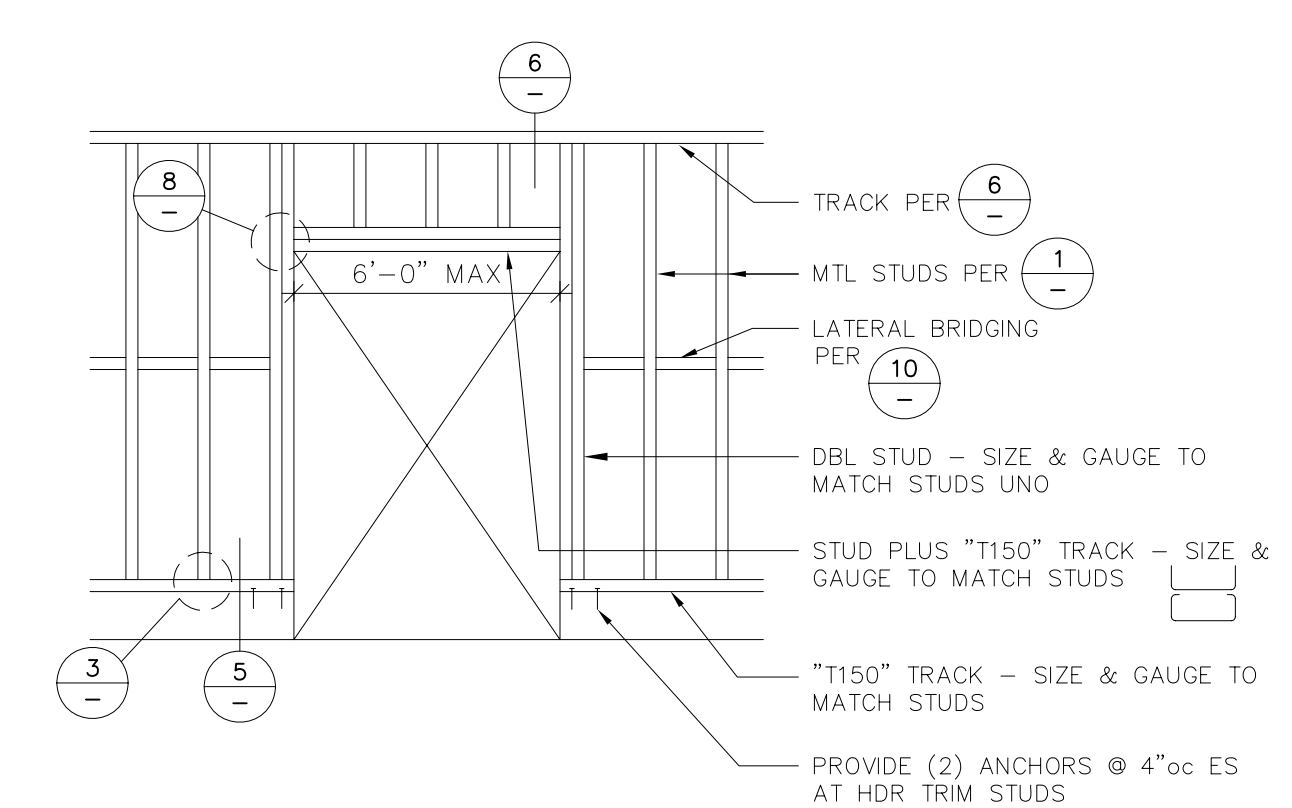
LOCATION & MARK	STUD SIZE	STUD SPACING	MINIMUM S (in 3)	MINIMUM A (in 2)	MINIMUM I (in 4)
TYP INT WALL	362S162-33	16"oc	0.292	0.262	0.551

- NOTES:
 1. SEE DETAILS THIS SHEET FOR STD LIGHT GAUGE METAL FRAMING DETAILS.
 ALTERNATE DETAILS MAY BE SUBSTITUTED WITH ENGINEERING SUBSTANTIATION AND APPROVAL BY PROJECT ARCHITECT/ENGINEER.
 2. BRIDGING OF WALLS IS PER 10.
 3. SAD FOR ARCH DIMENSIONS & DETAILS, ETC.
 4. PROVIDE LIGHT GAUGE METAL BACKING FOR SHEATHING & OTHER FINISHES AS REQ'D.

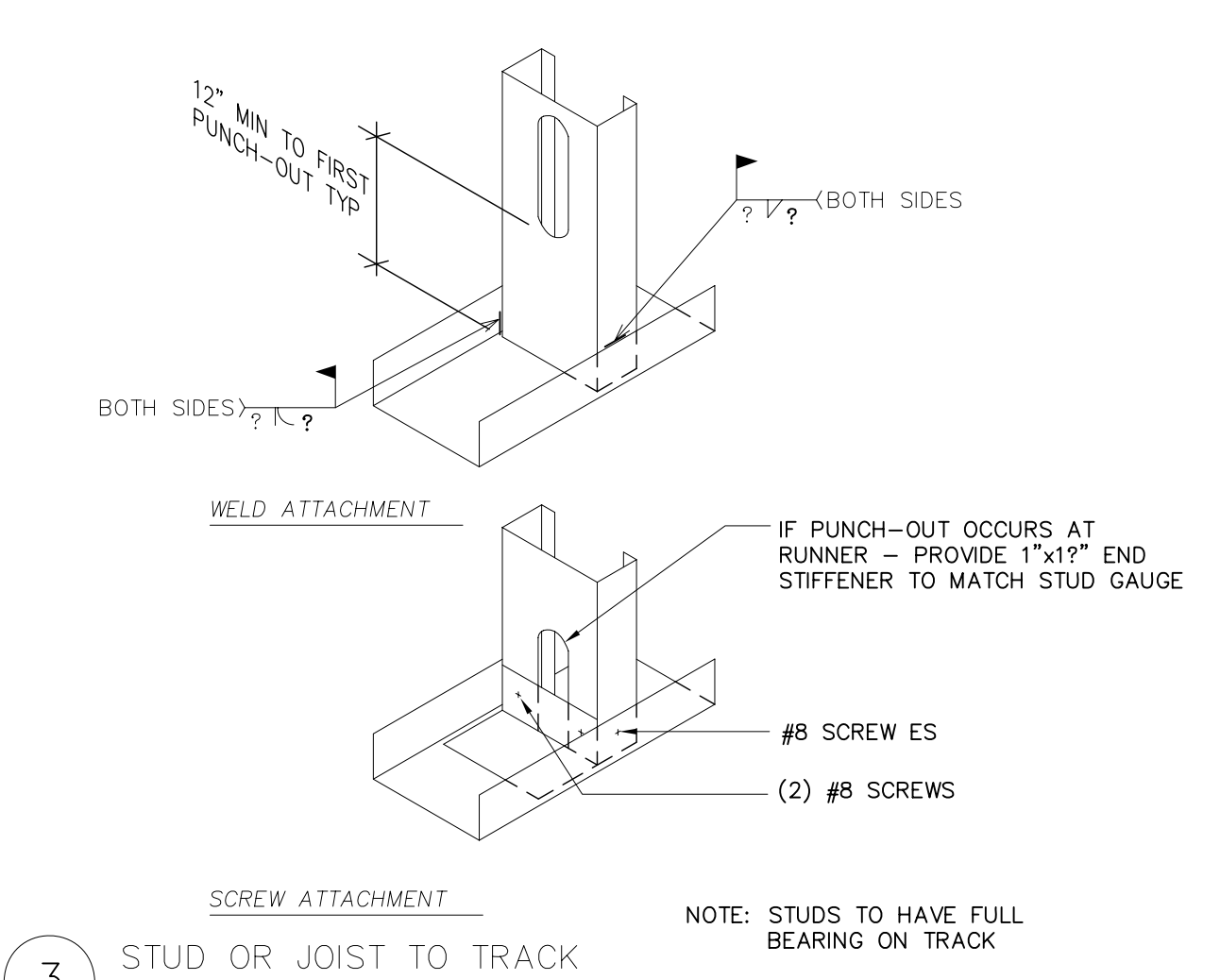
SPECIFICATIONS:

1. Metal Framing to be manufactured by Knorr Steel Framing Systems per ICBO ER Report No. 4943 or equivalent – submit manufacturer’s information (ICBO Reports) for Engineer’s evaluation of substitutes.
2. All materials and work to conform to manufacturers recommendations and requirements UNO.
3. 12, 14 and 16 gauge sections to be fabricated from steel conforming to ASTM-A446 Grade A, with a minimum yield stress of 50,000 PSI. 18 and 20 gauge sections to be fabricated from steel conforming to ASTM-A446 Grade D, with a minimum yield point of 33,000 PSI. All sections to be painted with rust-inhibited paint meeting performance requirements TT-P-636C or a galvanized with a finish conforming to ASTM-A525.
4. Welding Electrodes: AWS A5.1 E 6013 Rods, AWS A5.18 (Gas Metal Arc).
5. Primer: FS TT-P-664, Composition G – General Use.
6. Metal Screws (MS) to be Pan-Head or Hex-Head self-drilling or pre-drilled, size as noted on drawings, and of sufficient length to achieve full penetration into all members at connections. Minimum edge distance and spacing to be 1".
7. Powder Driven Pins (PDP) to be Hilti Dome Head Nail with 0.145" minimum shank diameter and 1-1/4" minimum length. Minimum edge distance to be 2?" and minimum spacing to be 4".

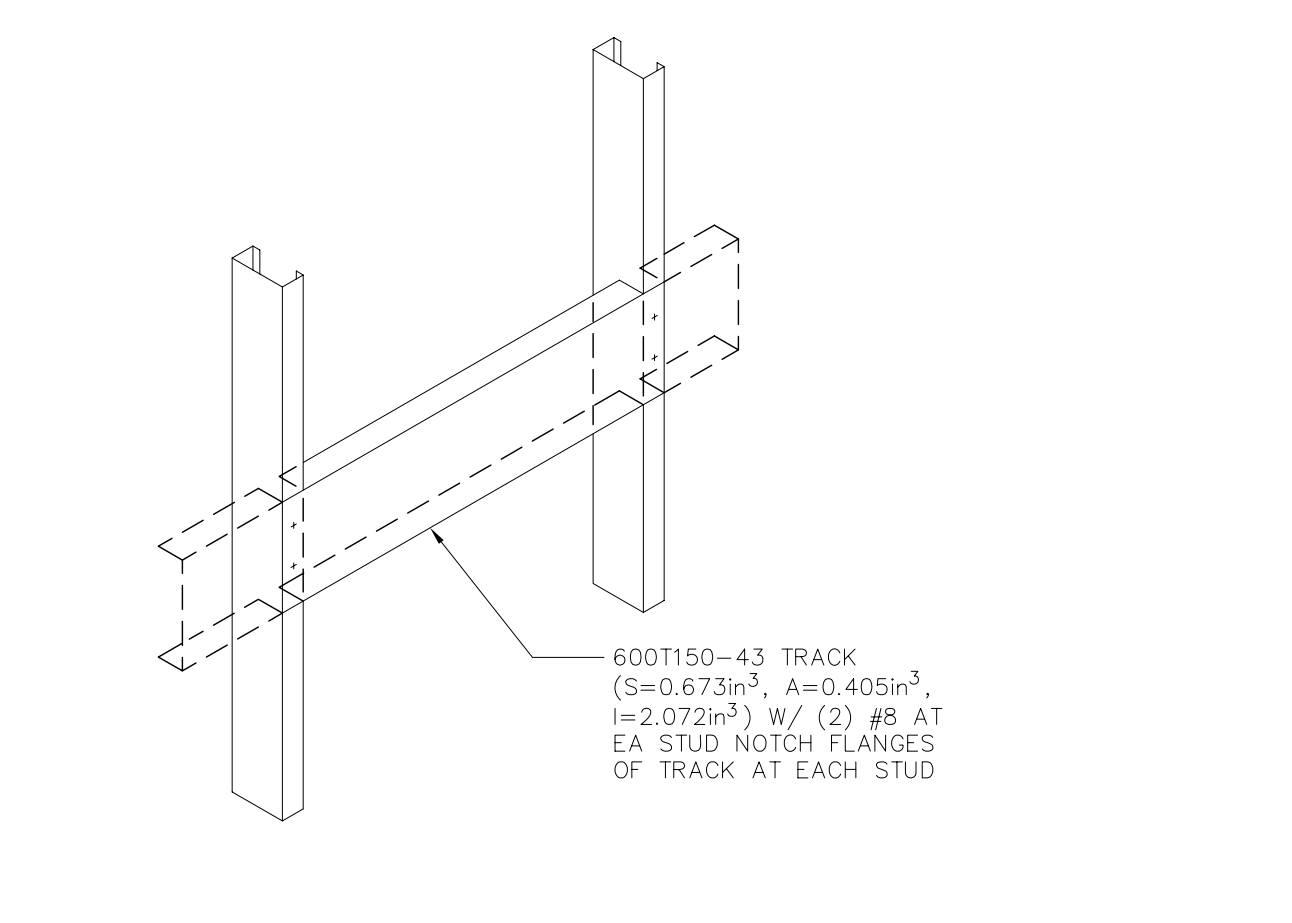
1 LIGHT GAGE METAL FRAMING 58-01-03



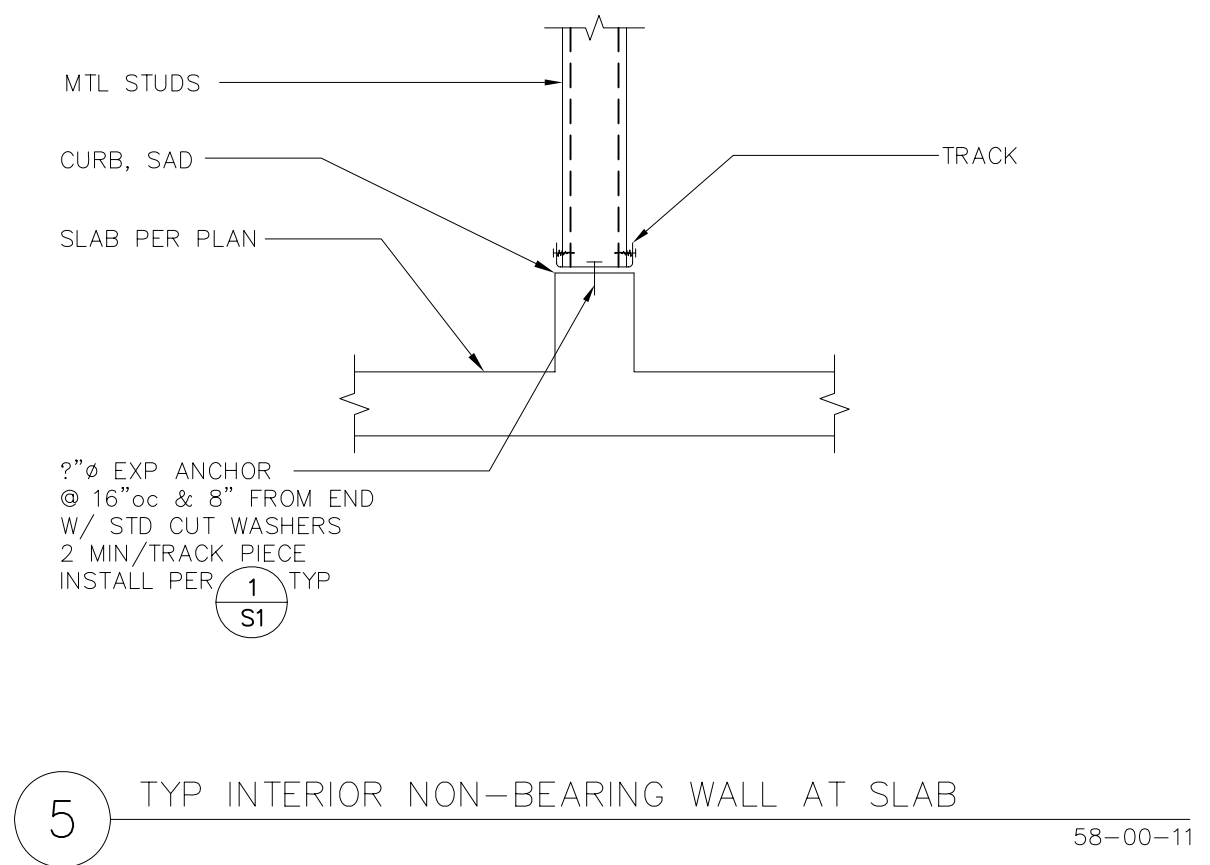
2 TYPICAL INTERIOR NON-BEARING WALL ELEVATION 58-01-13



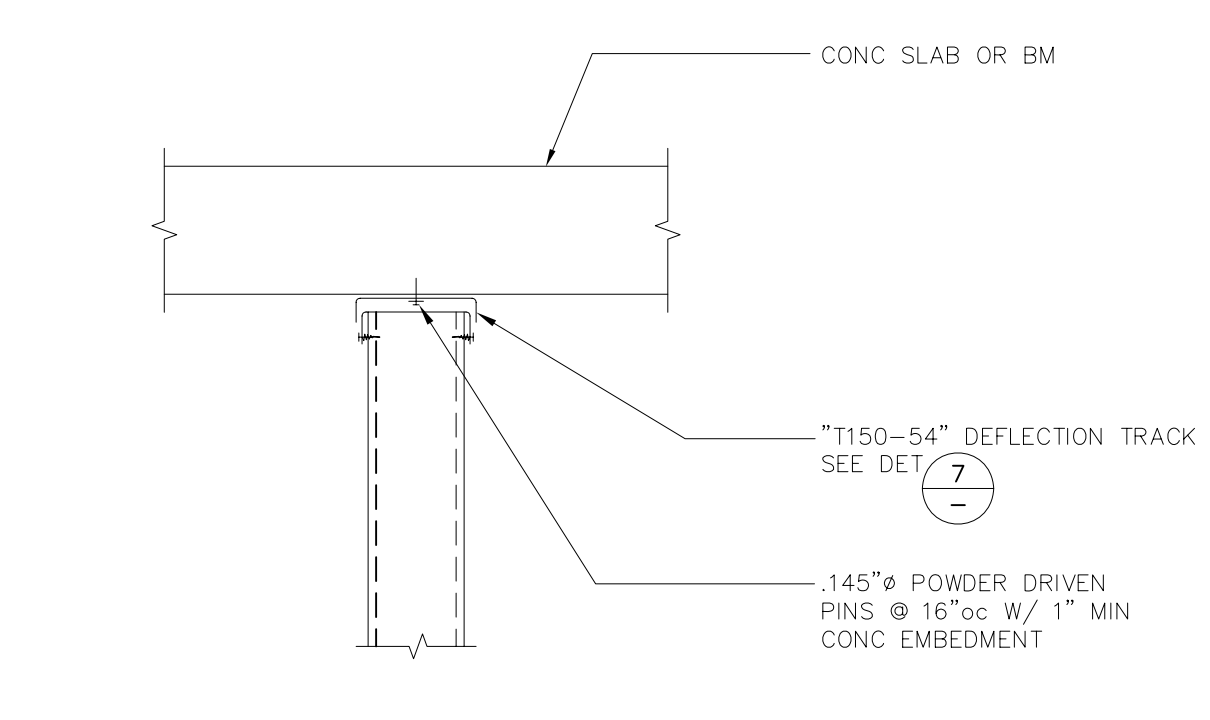
3 STUD OR JOIST TO TRACK 58-00-01



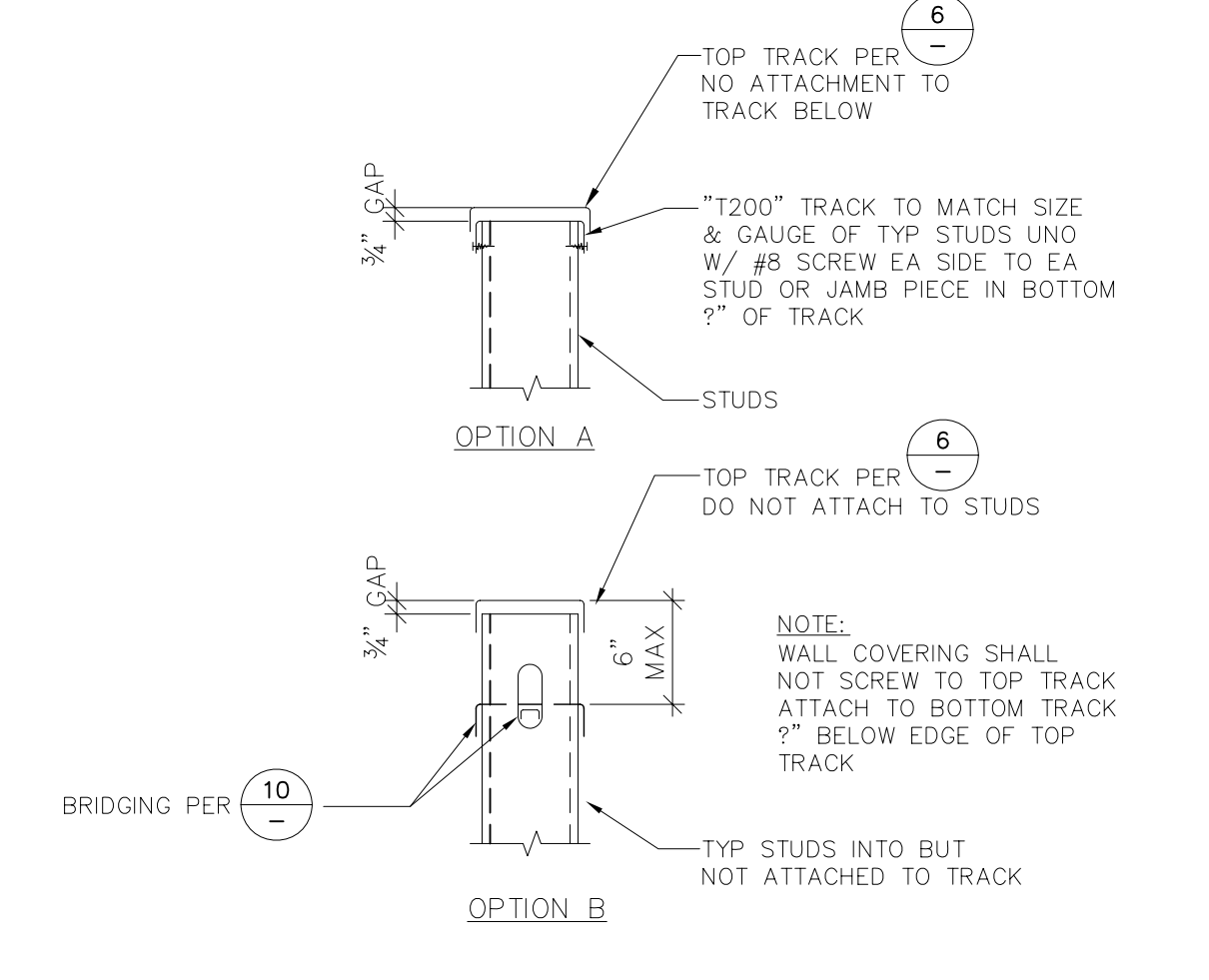
4 WALL BLOCKING 58-00-04



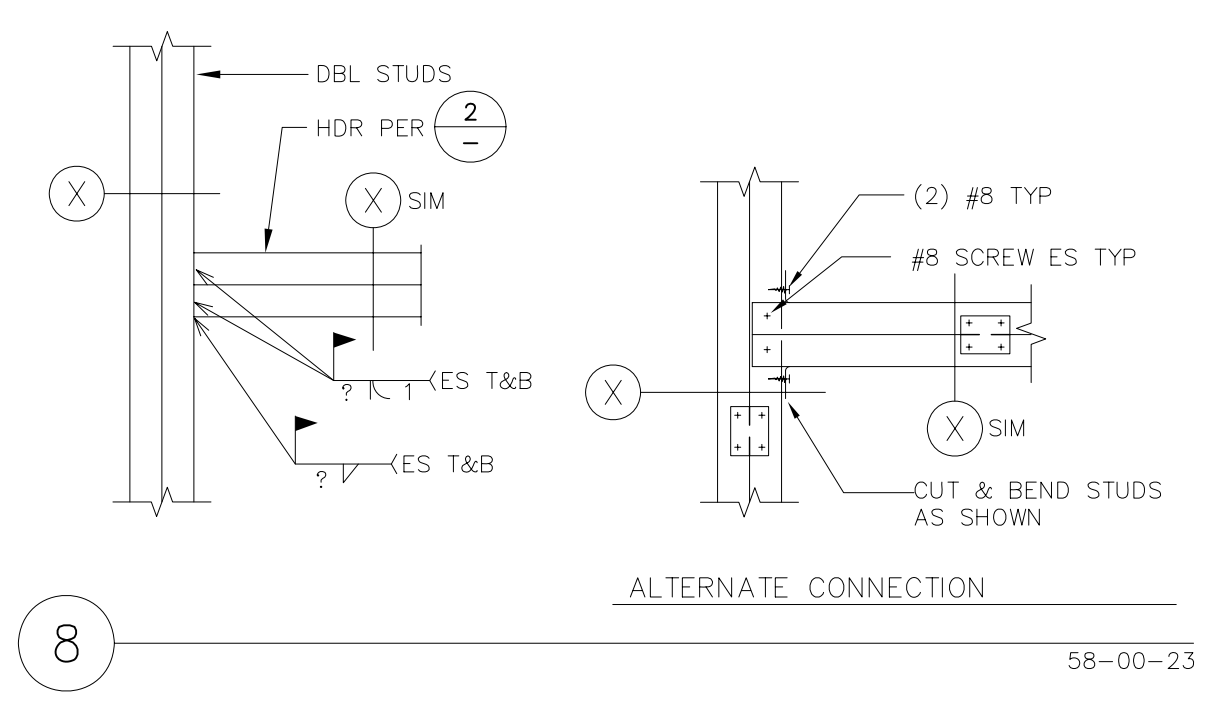
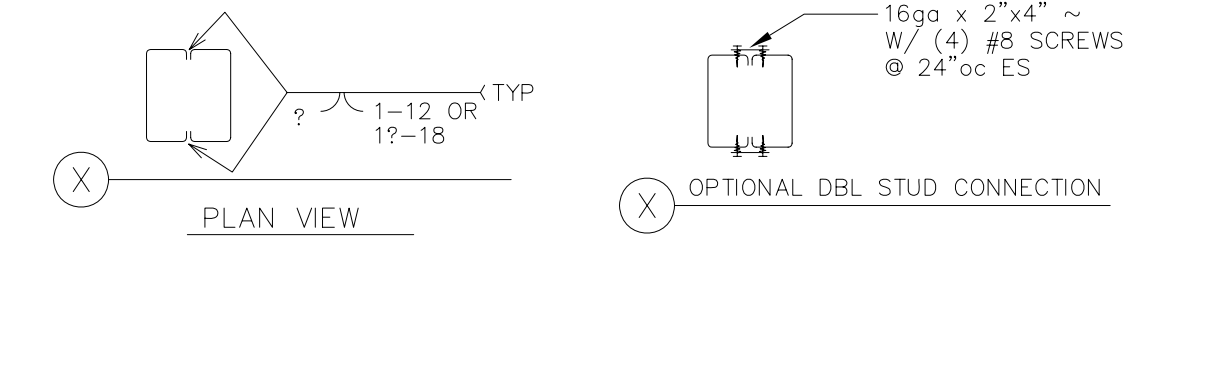
5 TYP INTERIOR NON-BEARING WALL AT SLAB 58-00-11



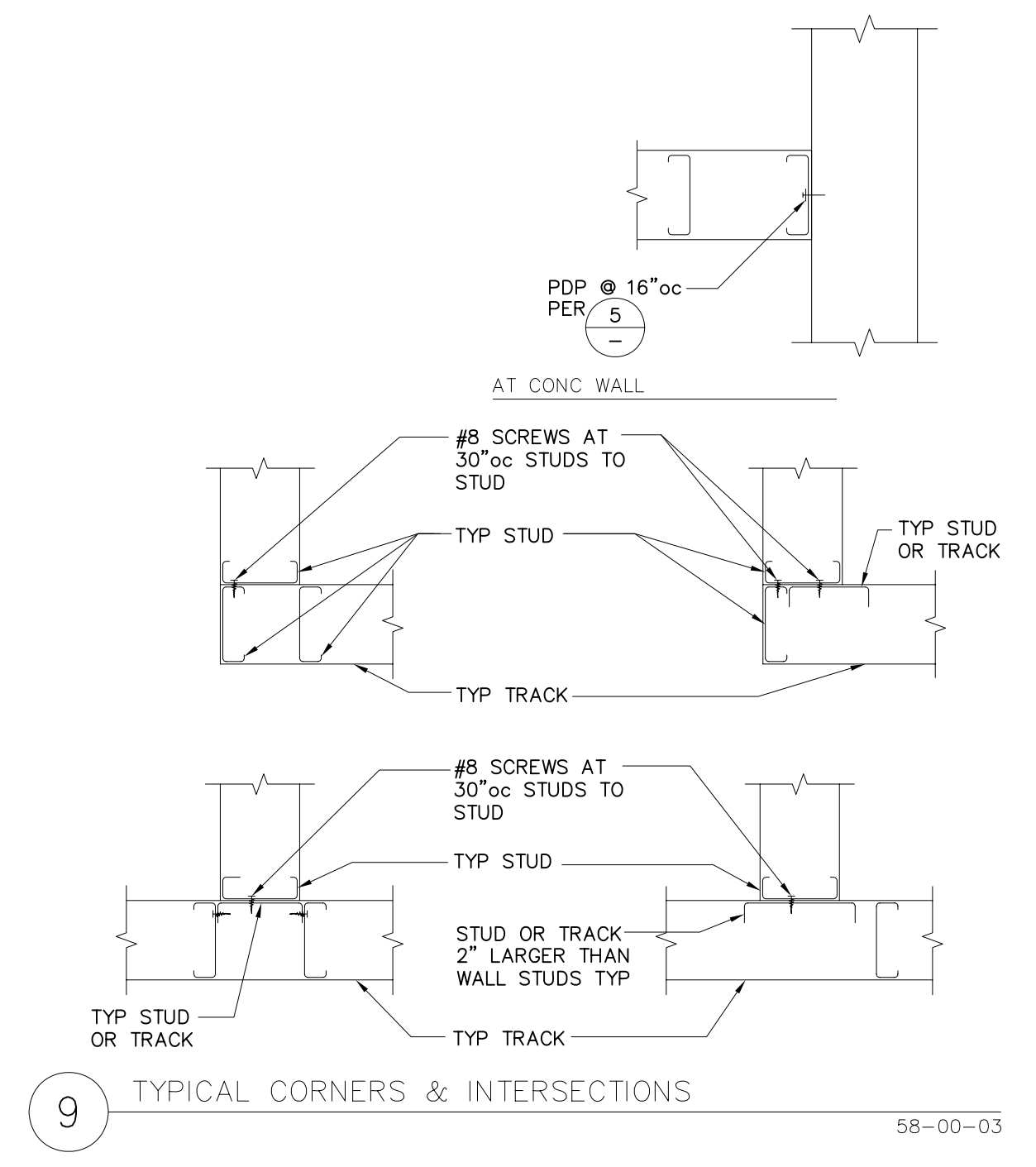
6 ATTACHMENT OF NON-BEARING WALL TO CONC SLAB 58-03-05



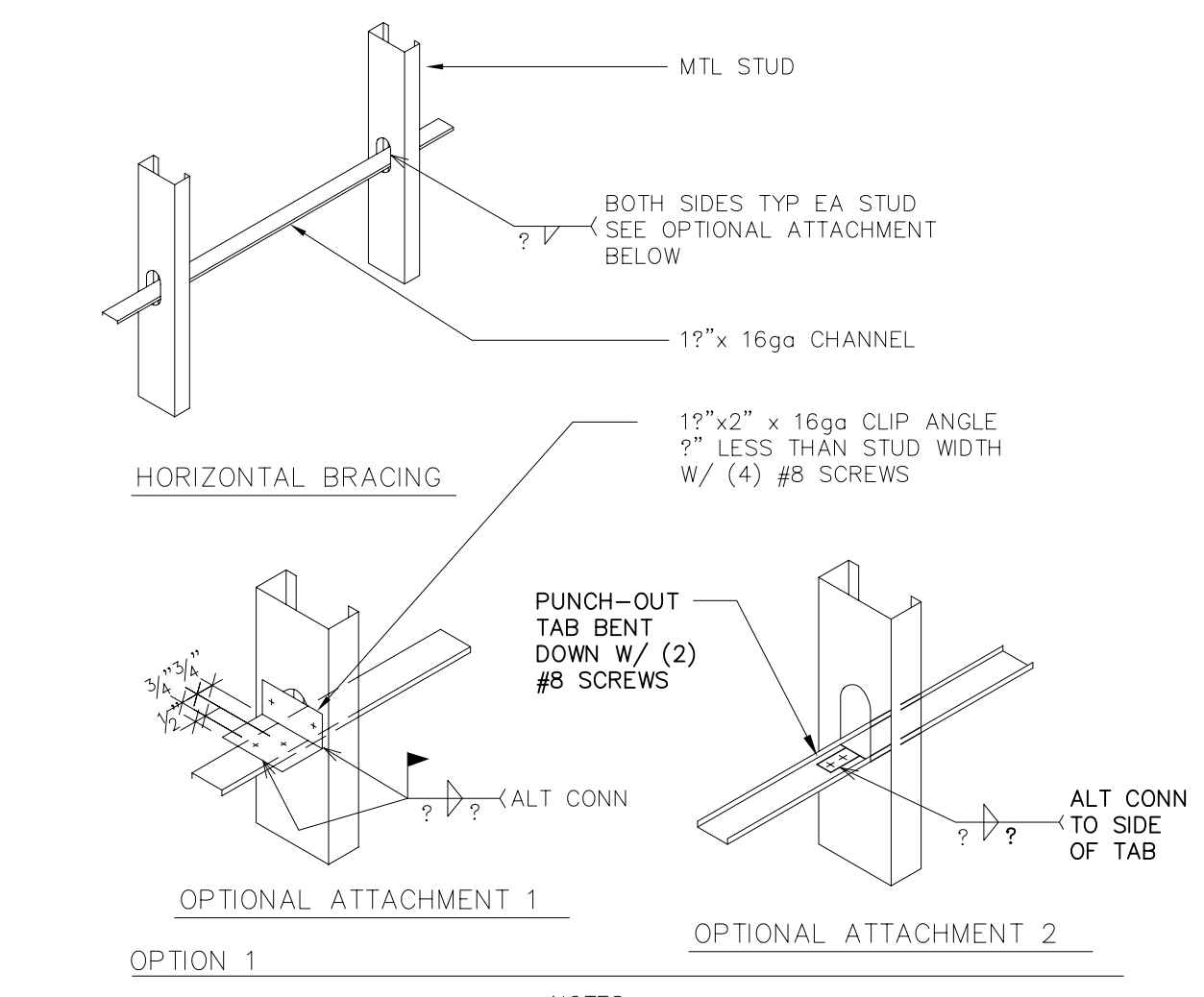
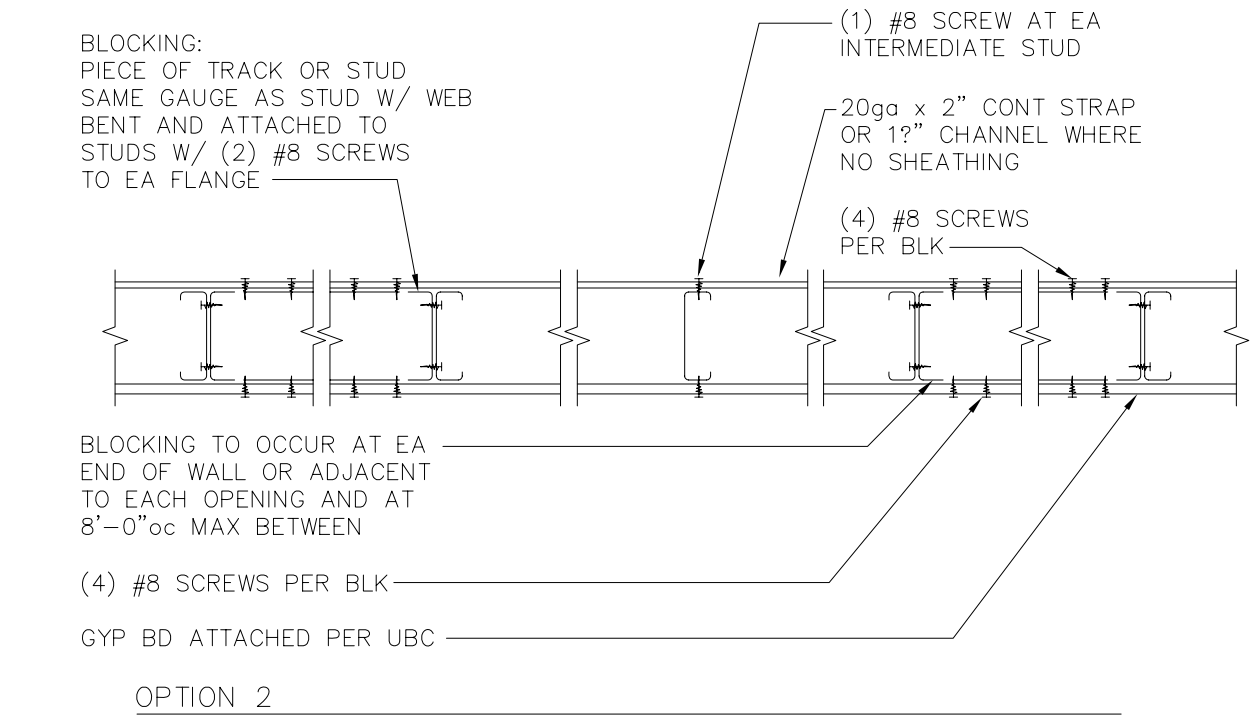
7 NON-BEARING WALL AT TOP 58-00-06



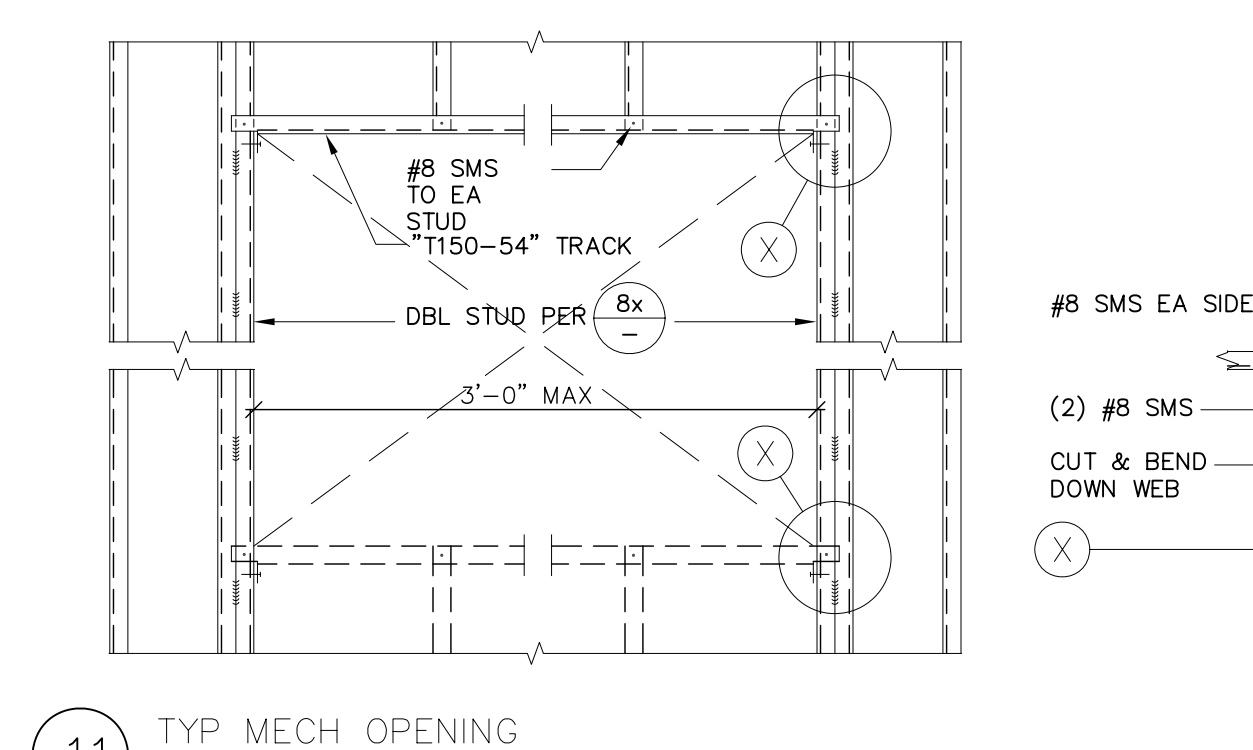
8 58-00-23



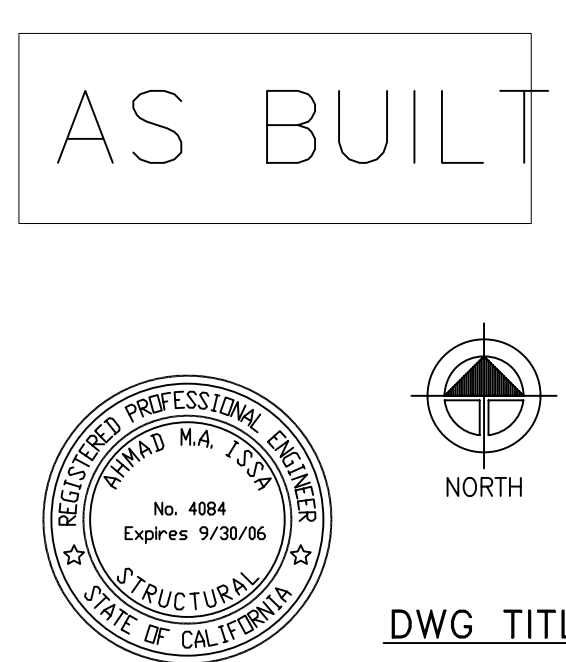
9 TYPICAL CORNERS & INTERSECTIONS 58-00-03

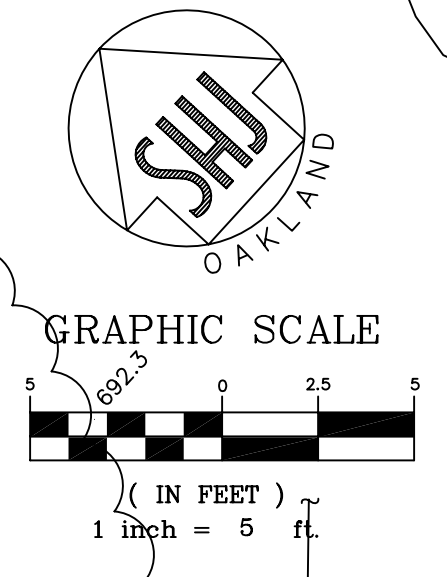
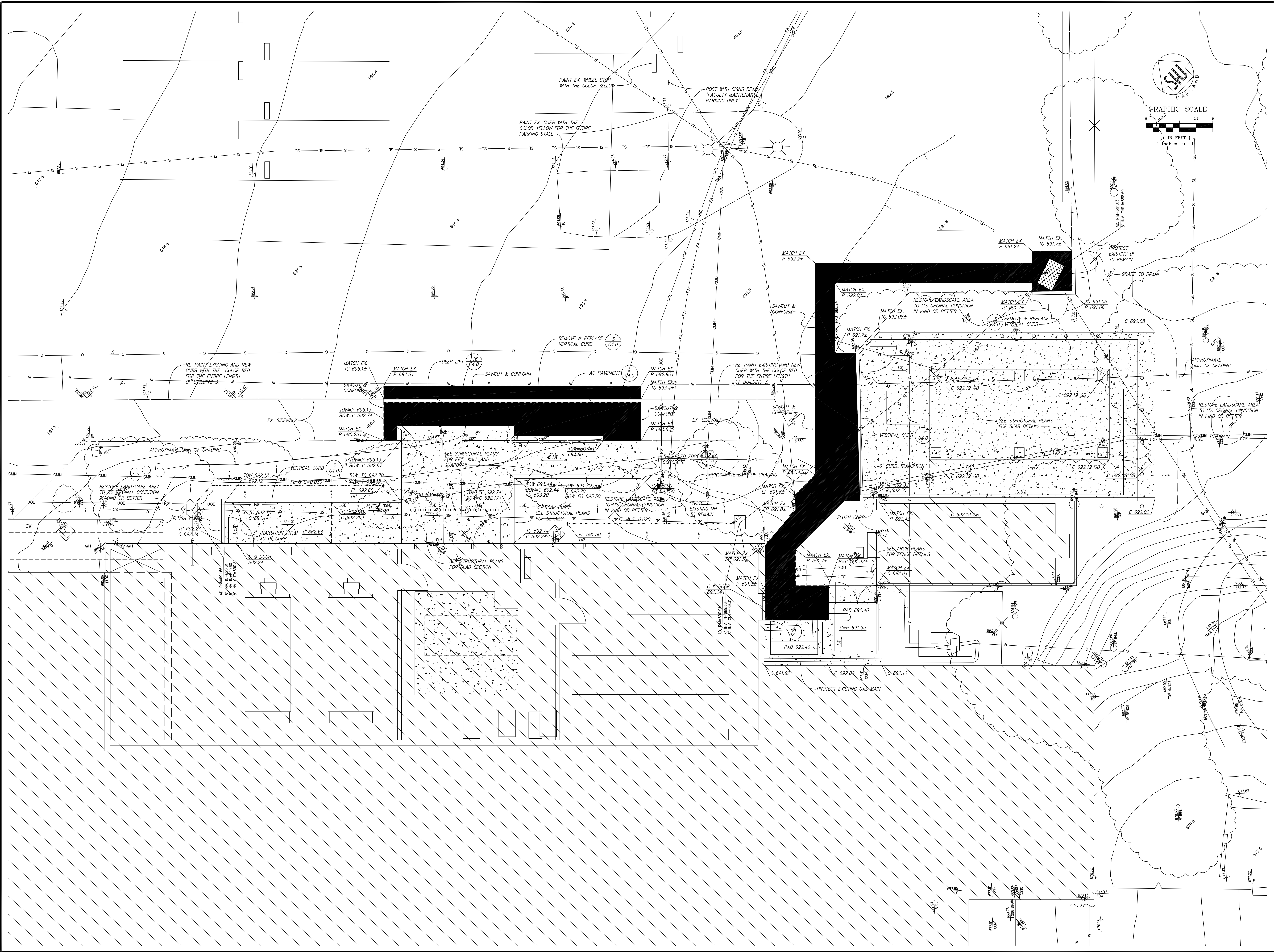


10 WALL BRIDGING 58-00-02



11 TYP MECH OPENING 4-10-26





REV.	DATE	BY	DESCRIPTION
01	08/22/06	ESC	RECORD DRAWING

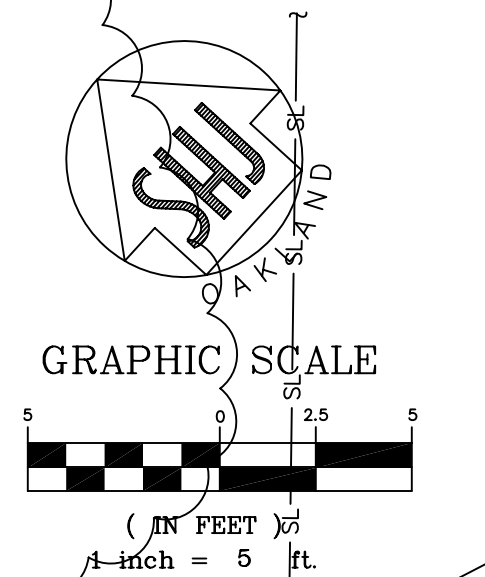
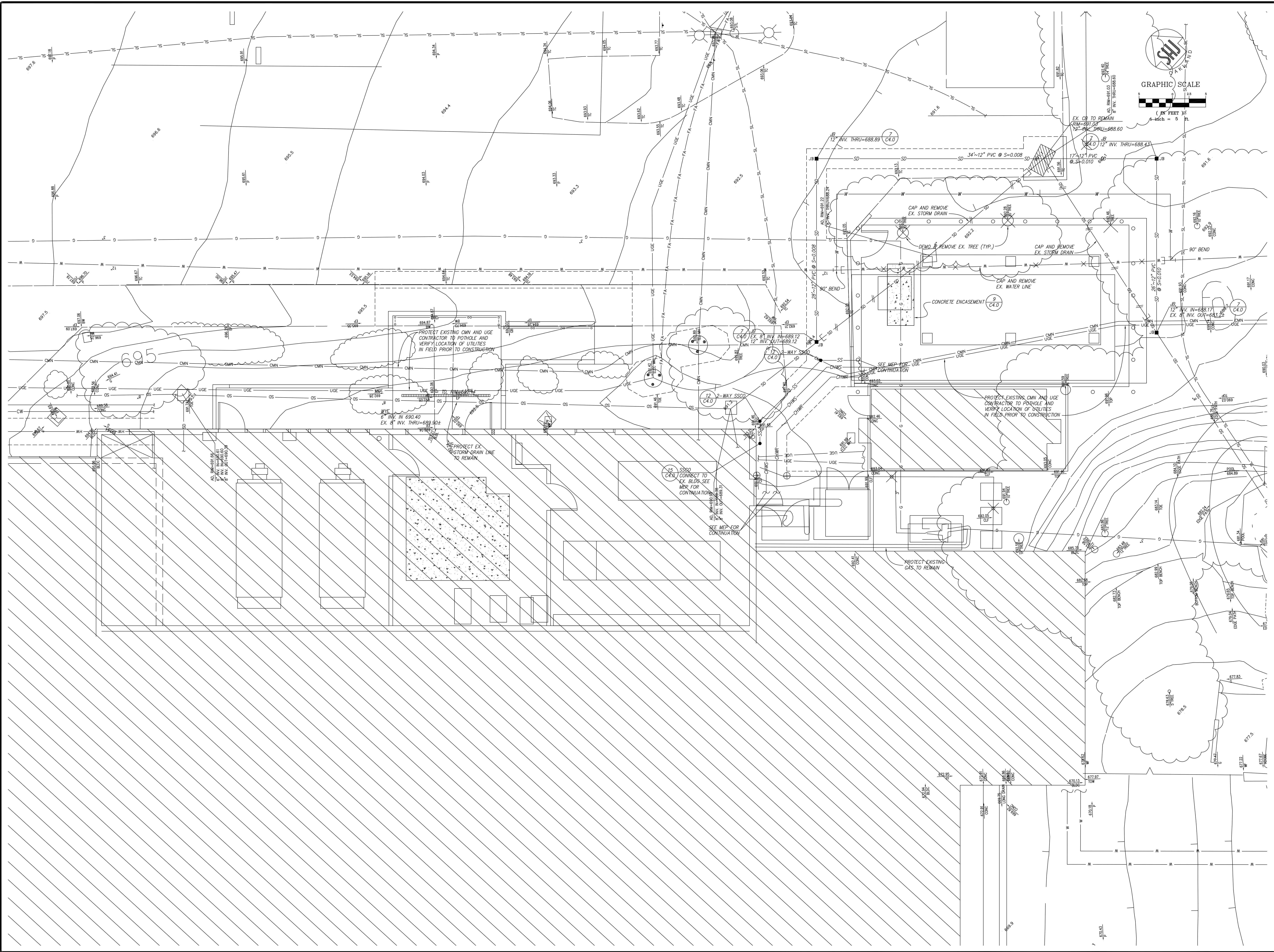
Sanjay Kumar Jones
 1700 Broadway, Suite 300
 Oakland, CA 94612
 Tel: (510) 673-8888 fax: (510) 673-8868

Cañada College Modernization
 CENTRAL PLANT RENOVATION
 San Mateo County Community College District

GRADING PLAN

SCALE	1"=5'
PROJECT NO.	202112
DESIGNED BY	CHP
DRAWN BY	SEC
CHECKED BY	ESC
DATE	6/03/06
LAYOUT THE	
SHEETS (CONT)	
SHEETS (TOTAL)	
FILE NAME	

C2.0



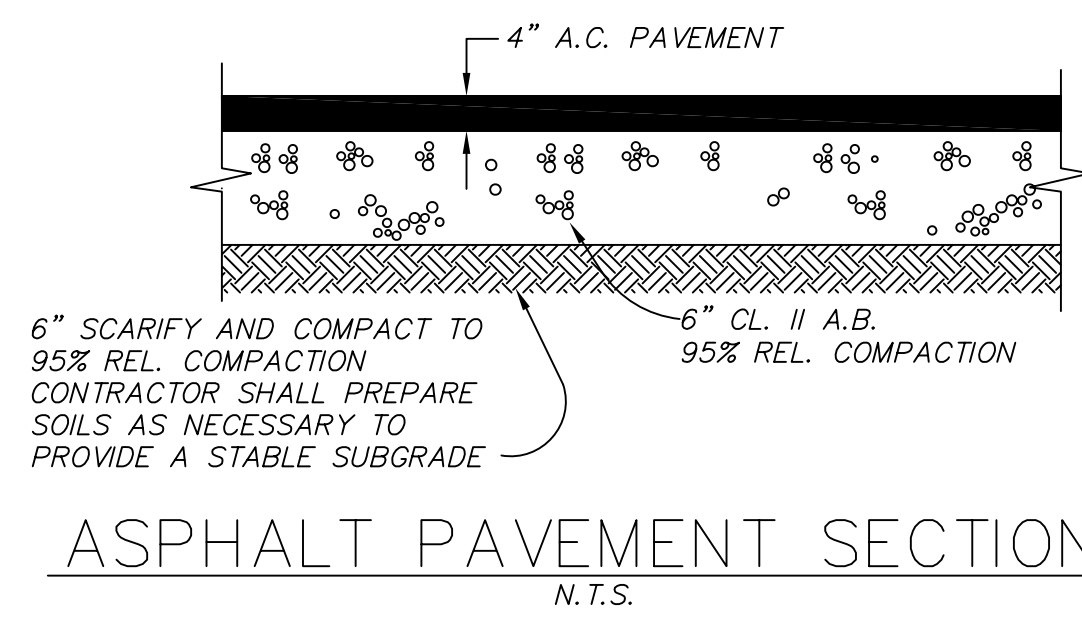
REV	DATE	BY	DESCRIPTION
1	08/22/06	ESC	RECORD DRAWING

Sanjay Kumar Jones
 1700 Broadway, Suite 300
 Oakland, CA 94612
 Tel: (510) 873-8886 fax: (510) 873-8868

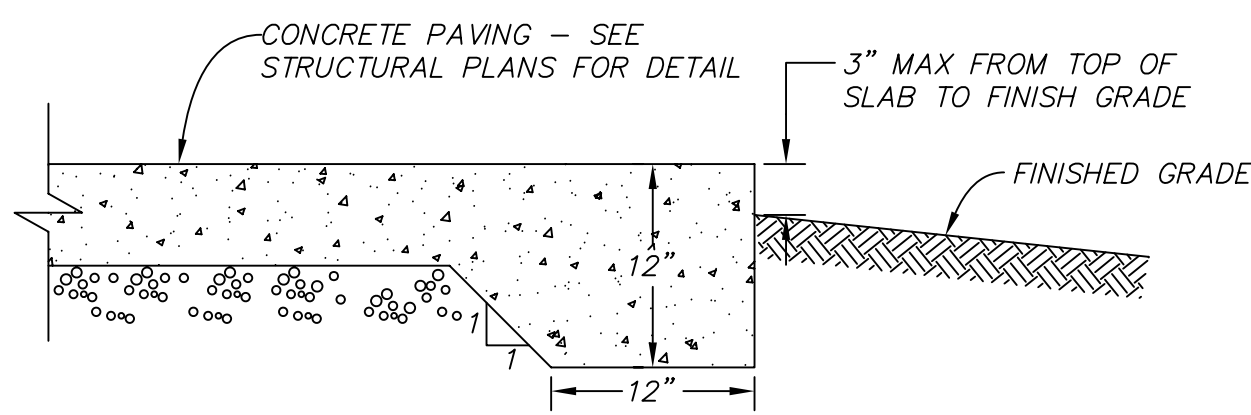
Cañada College Modernization
 CENTRAL PLANT RENOVATION
 San Mateo County Community College District

UTILITY PLAN

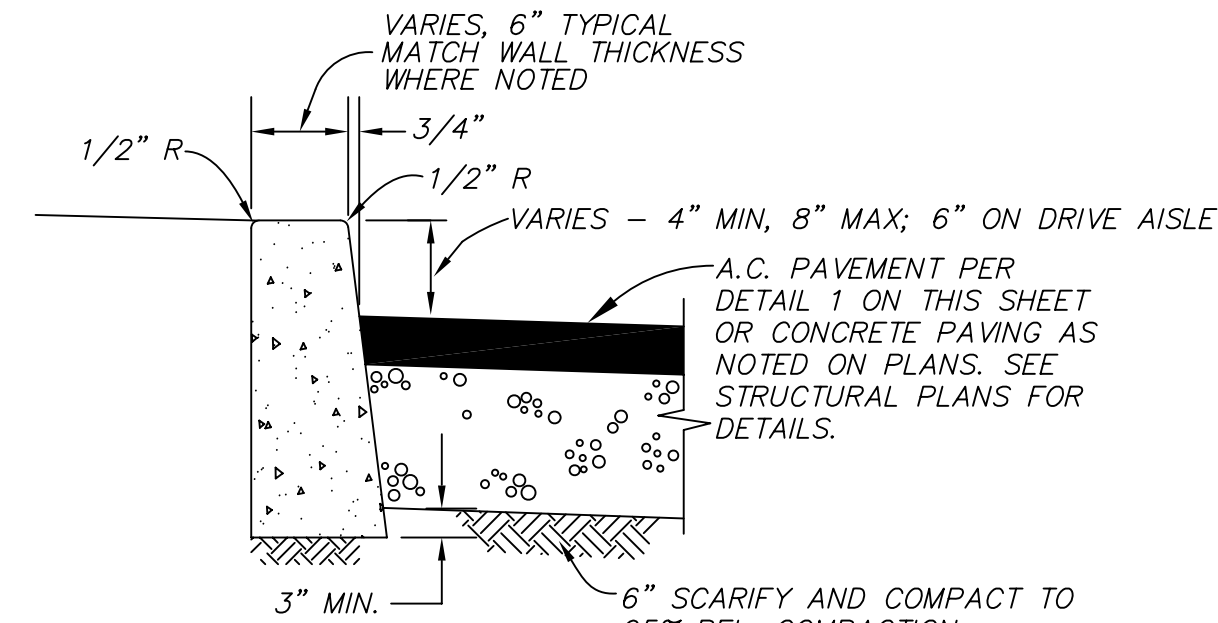
SCALE	1"=5'
DESIGNED BY	202112
DRAWN BY	CHP
CHECKED BY	SEC
DATE	6/03/06
LAYOUT THE	
MEETS (EOM)	
MEETS (EOM)	
MEETS (EOM)	
FILE NAME	



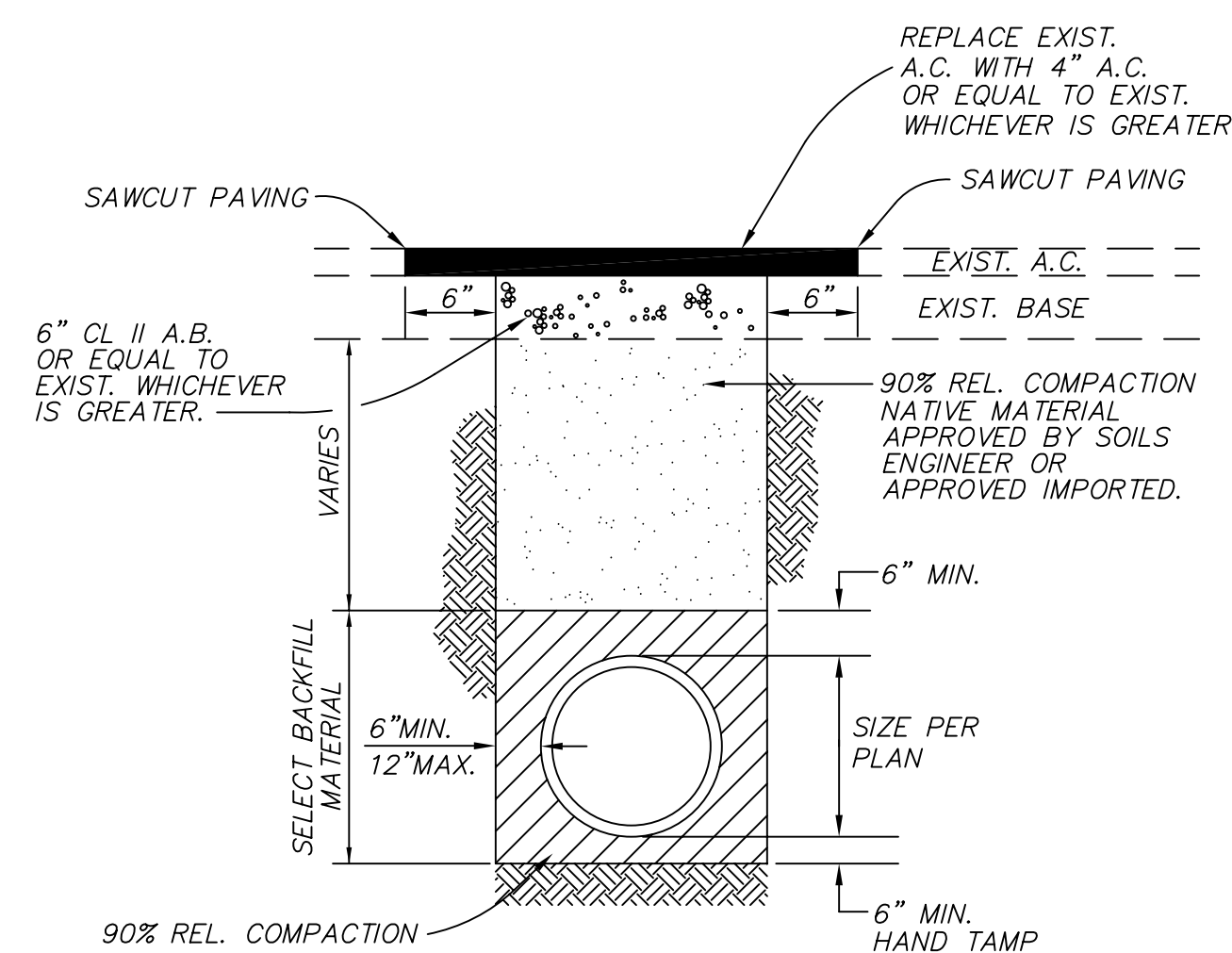
ASPHALT PAVEMENT SECTION 1
N.T.S.



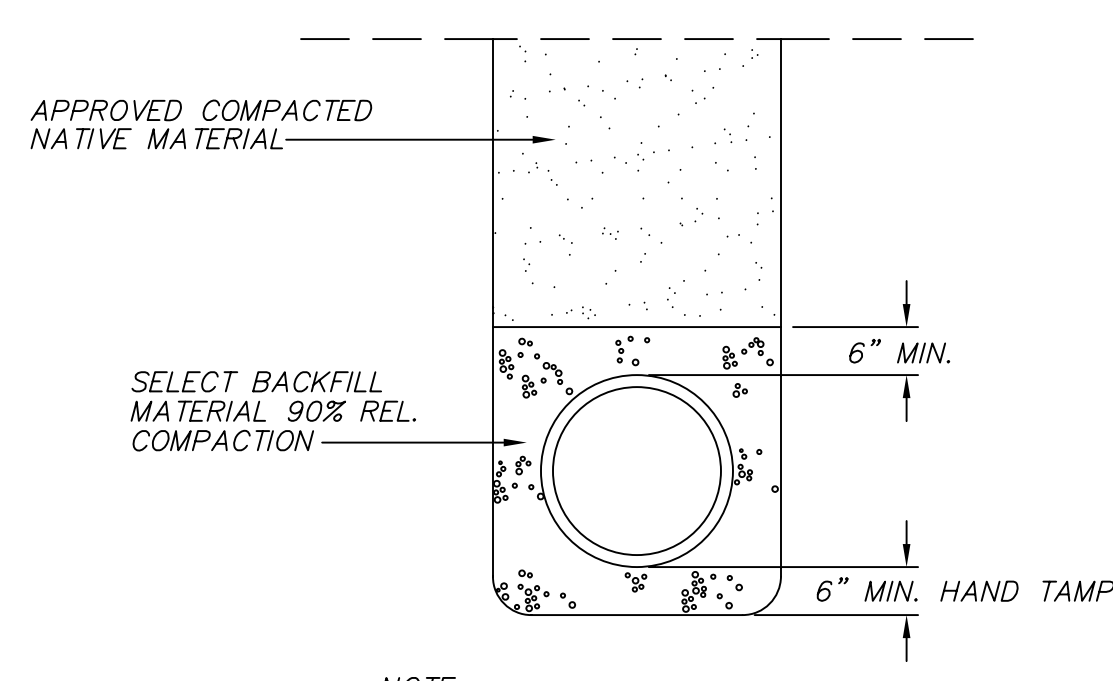
THICKENED EDGE AT CONCRETE RAMP 2
N.T.S.



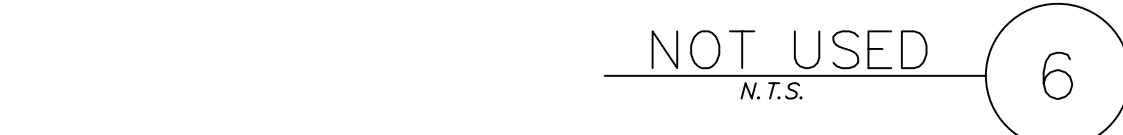
VERTICAL CURB 3
N.T.S.



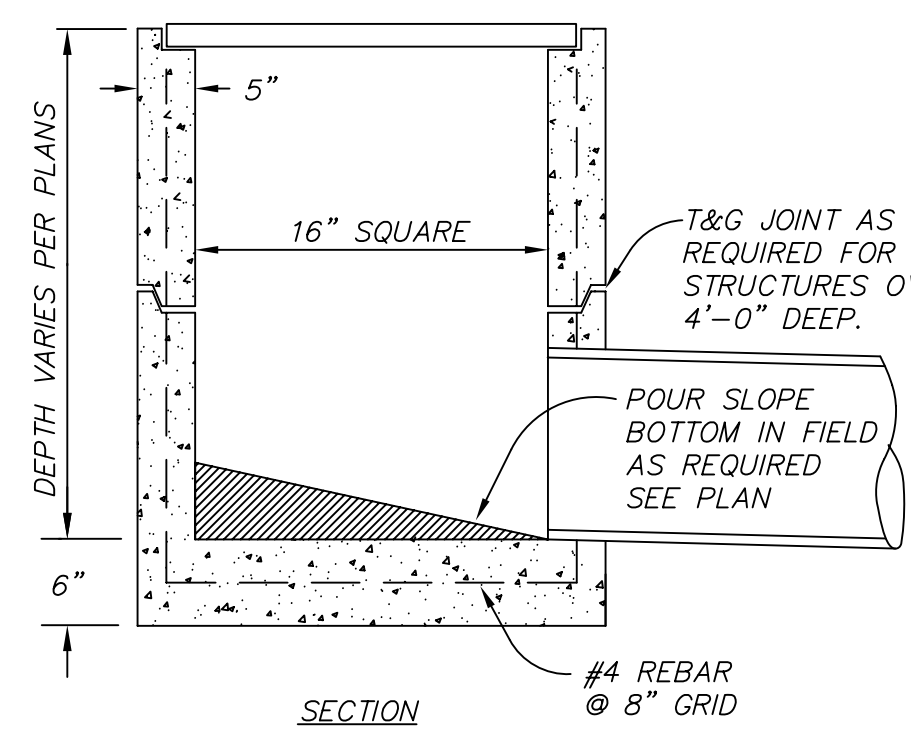
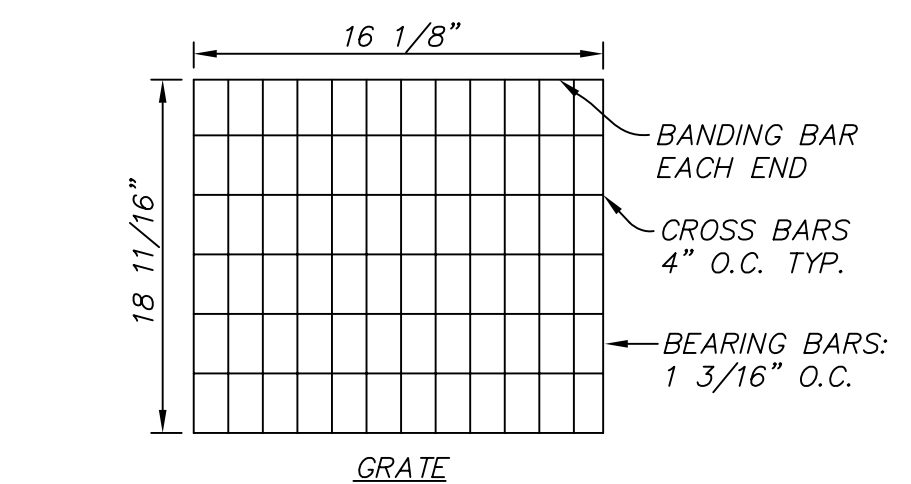
TRENCH DETAIL EXIST. PAVEMENT AREA 4
N.T.S.



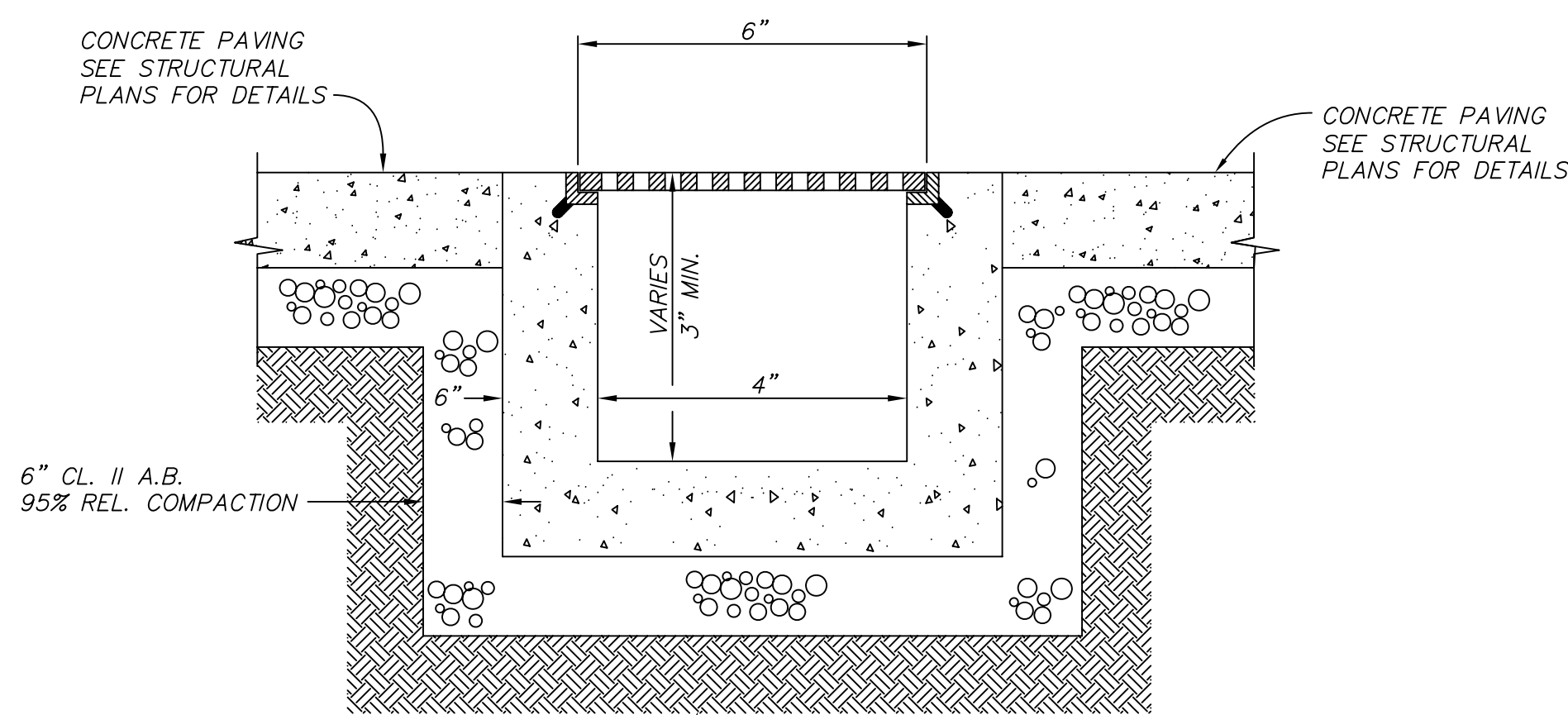
TRENCH DETAIL 5
N.T.S.



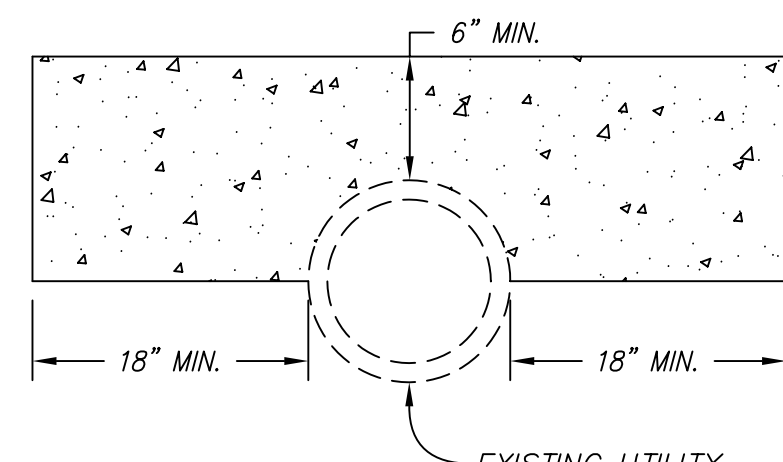
NOT USED 6
N.T.S.



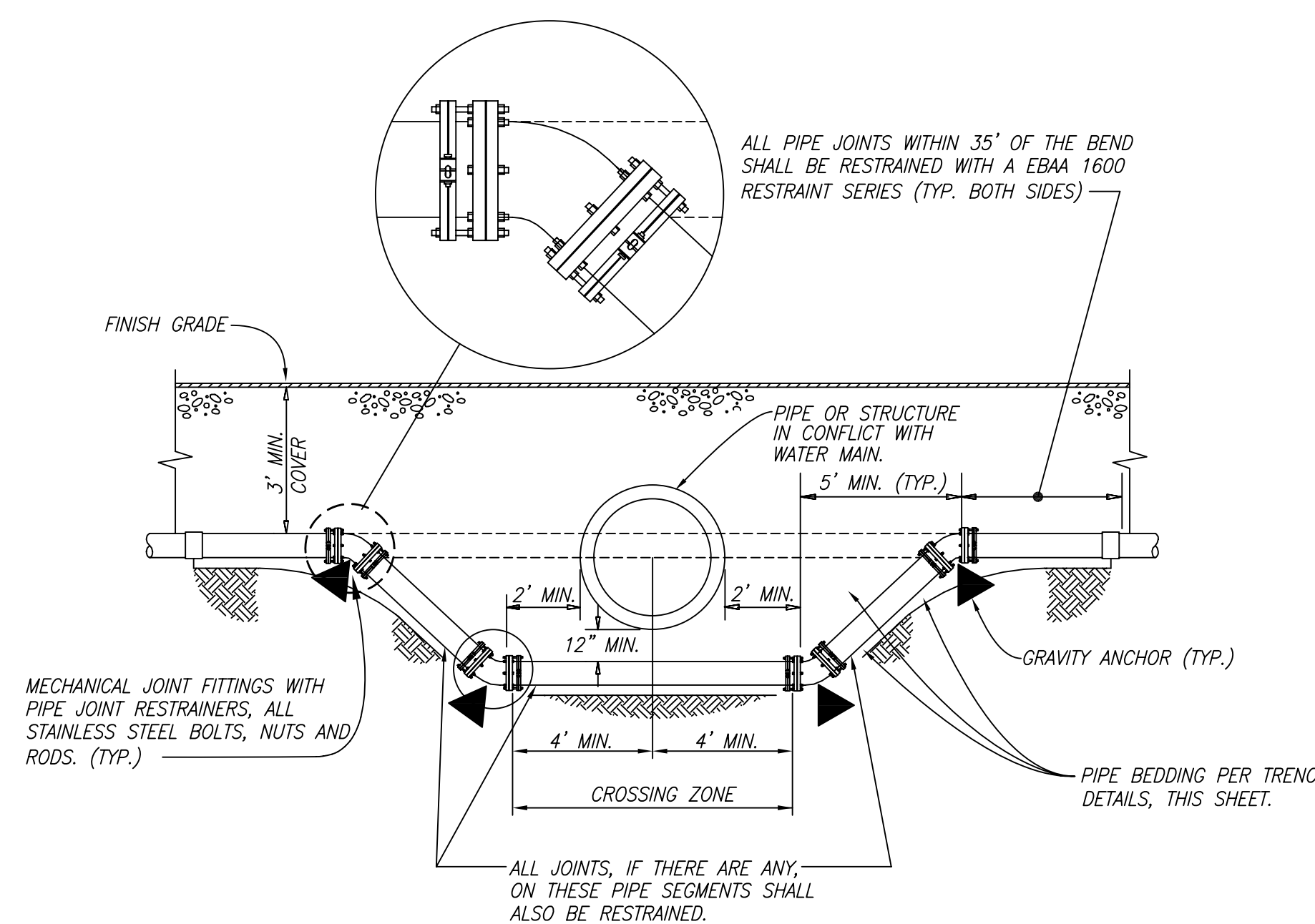
JUNCTION BOX DETAIL 7
N.T.S.



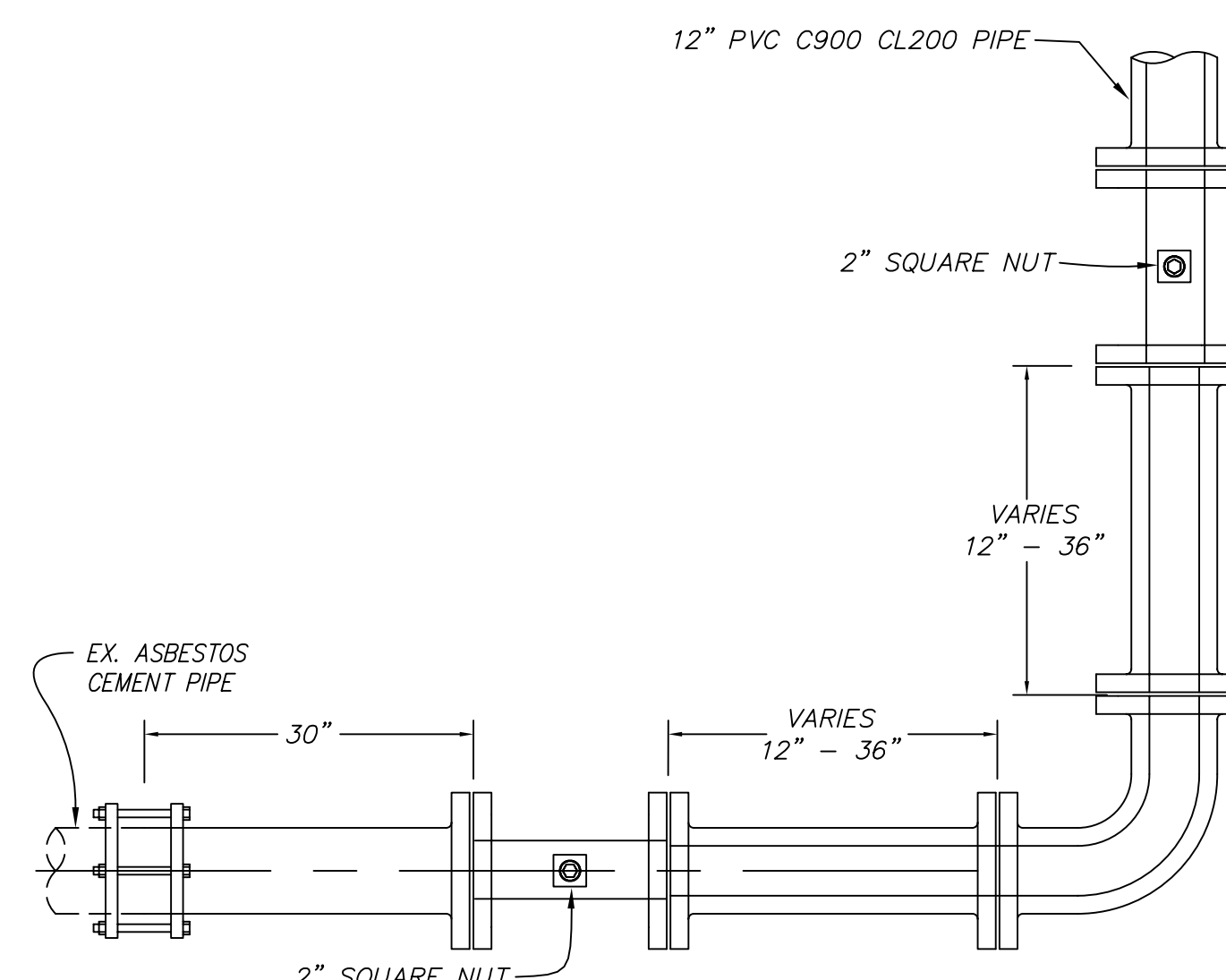
TRENCH DRAIN 8
N.T.S.



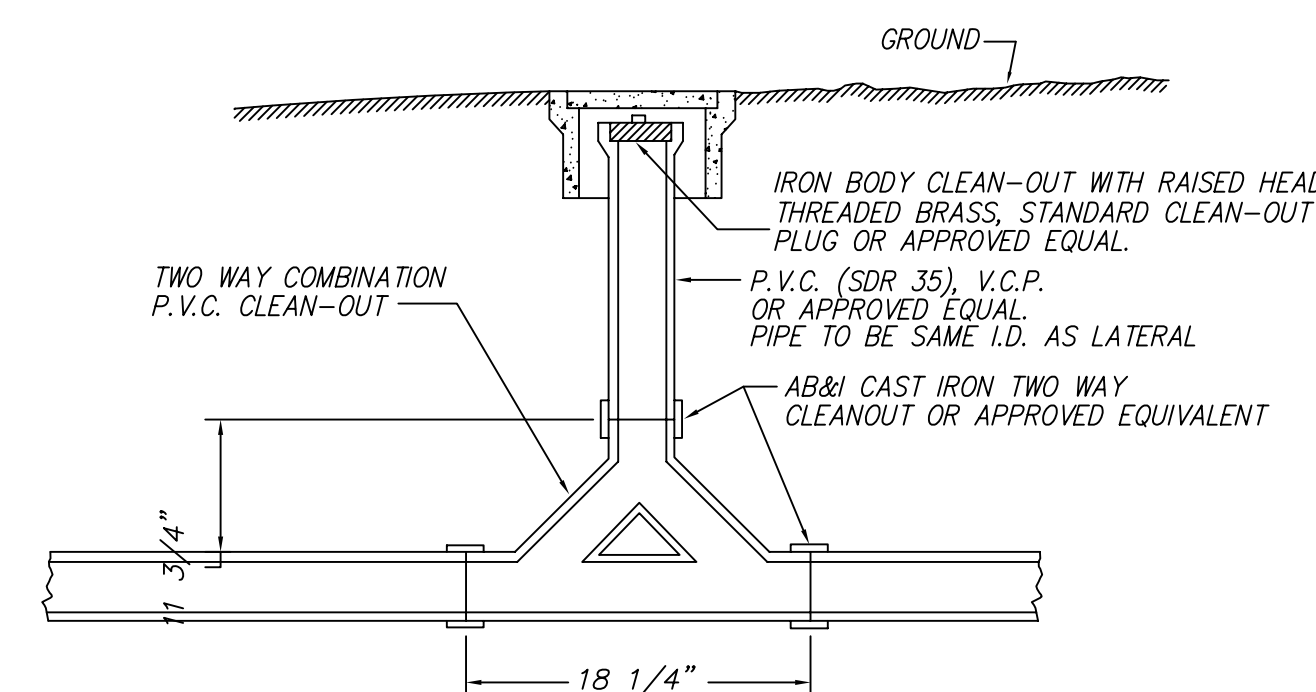
CONCRETE ENCASEMENT 9
N.T.S.



UTILITY CROSSING DETAIL 10
N.T.S.



WATER LINE INTERCONNECT 11
N.T.S.



- NOTES:
- ALL CLEAN-OUT BOXES SHALL BE MANUFACTURED BY CHRISTY CONCRETE PRODUCTS WITH THE FOLLOWING SPECIFICATION NUMBERS:
- | | |
|-----|--------------|
| | 4" RISER |
| BOX | V-1 G-5 |
| LID | D-210 G5C |
- LIDS SHALL BE MARKED "SS00"

TWO-WAY CLEANOUT 12
N.T.S.

THRUST BLOCK TABLE				
TYPE OF FITTING	90° BEND & BURIES	45° BEND	11 1/4" OR 22 1/2" BEND	TEE OR DEAD END
TYPICAL PLAN VIEW				
REQUIRED BEARING TOTAL AREA IN SQUARE FEET				
4"	2.6	1.4	0.8	1.9
6"	5.3	2.9	1.5	3.8
8"	9.1	5.0	2.6	6.5
10"	13.7	7.5	3.8	9.7
12"	19.4	10.5	5.4	13.7
14"	26.0	14.1	7.2	18.4

THRUST BLOCK NOTES

- Thrust blocks to be constructed of class "2" concrete
- Blocks to be poured against undisturbed soil.
- Joints to be kept free of concrete. Allow working room.
- Abrupt changes in vertical alignment shall be anchored.
- Areas given are for class 200 pipe at a test pressure of 200 psi in soil with 2,000 psf bearing capacity. Subject to field conditions.
- Tapping sleeves shall have thrust blocks sized the same as tees.
- All bends shall have Thrust Block or Mechanical Restraints per contract specifications whether shown on plan or not.

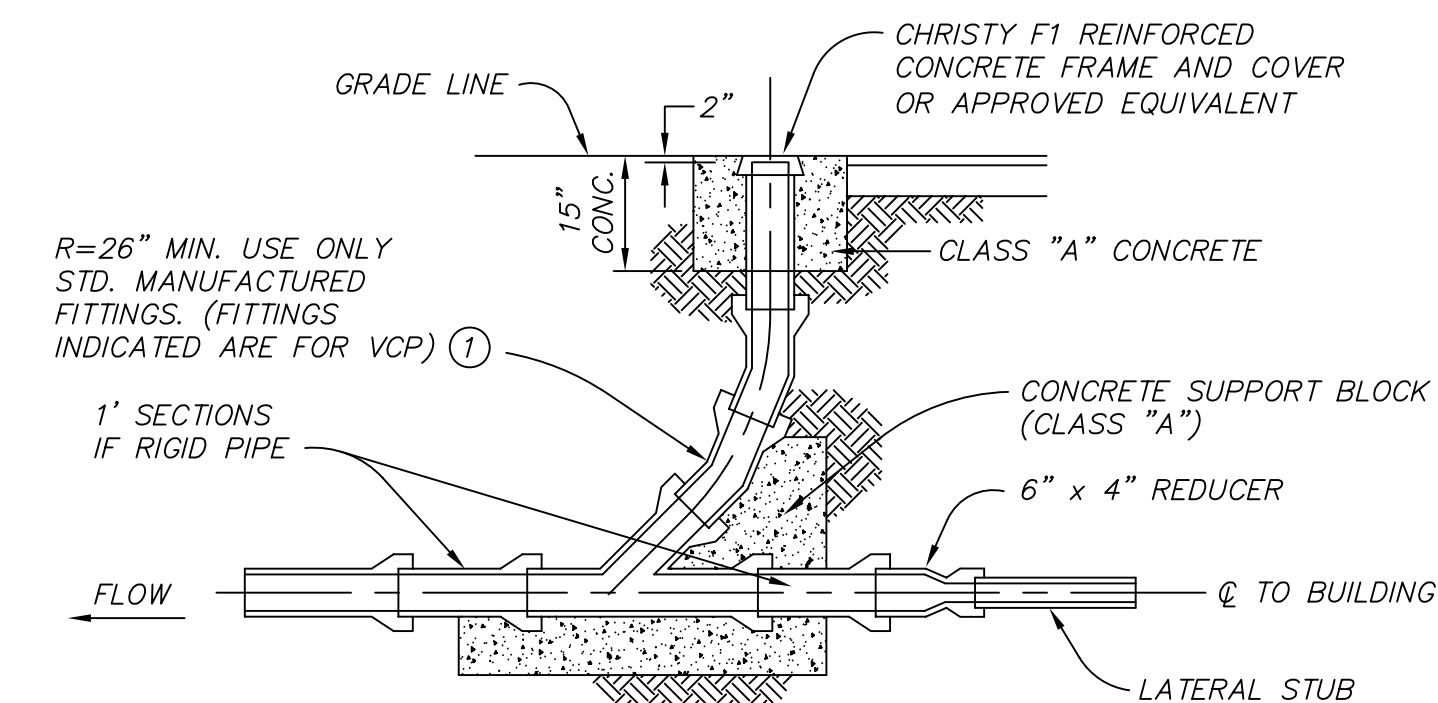
THRUST BLOCK DETAIL 13
N.T.S.

THRUST CALCULATION TABLE				
TYPE OF FITTING	90° BEND & BURIES	45° BEND	11 1/4" OR 22 1/2" BEND	TEE OR DEAD END
TYPICAL PLAN VIEW				
THRUST FORCE, T, IN POUNDS				
4"	5120	2770	1415	3620
6"	10580	5725	2920	7480
8"	18200	9850	5020	12865
10"	27370	14815	7555	19355
12"	38710	20950	10680	27370
14"	52005	28145	14350	36770

THRUST CALCULATION NOTES

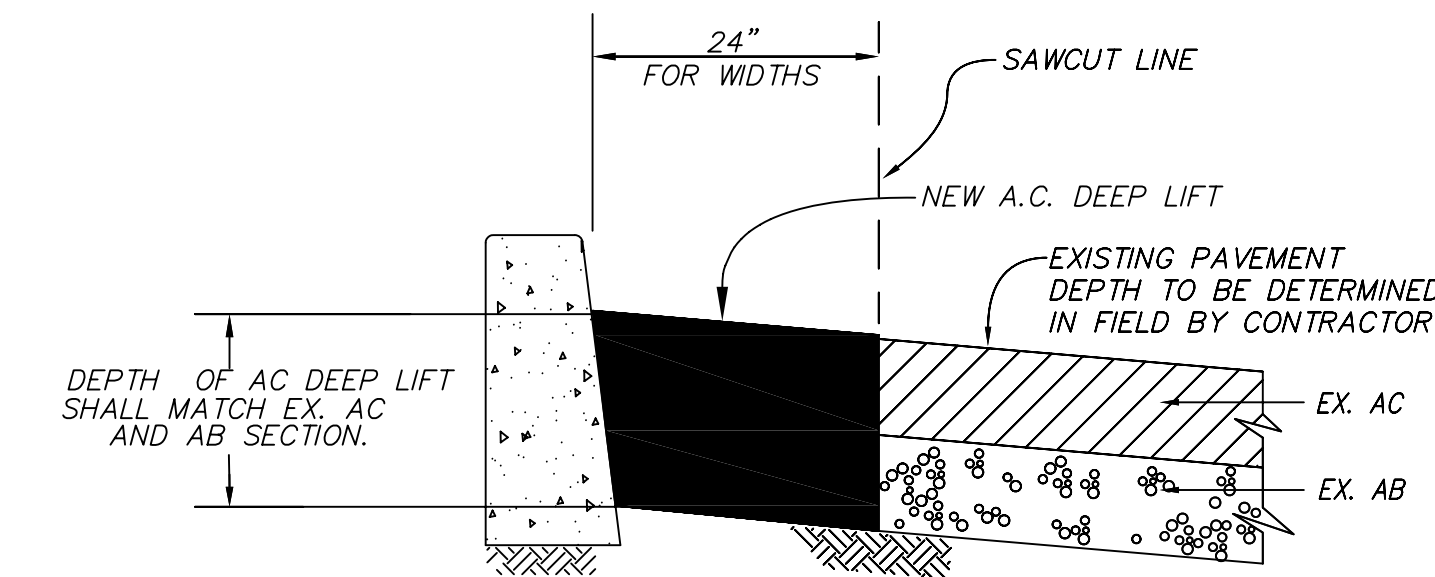
- Calculations based on NFPA 24, TABLE A-8-6.2, 2000 EDITION
- Thrust Calculation given are for PVC C900 class 200 pipe at a static test pressure of 200 psi in soil with 2,000 psf bearing capacity. Subject to field conditions.

THRUST CALCULATIONS 14
N.T.S.



- NOTE: ① FOR P.V.C. PIPE, LARGE 90° MANUFACTURED SWEEPS MAY BE USED IF R=36" OR GREATER.

CLEANOUT w/ LATERAL STUB 15



- NOTE: DEEP-LIFT SHALL BE INSTALLED IN A MINIMUM OF 2 LIFTS, ONE 4" MAX DEEP LIFT WITH ANOTHER 2" OVERLAY.

A.C. DEEP LIFT 16
N.T.S.

REV	DATE	BY	DESCRIPTION
06/22/06	ESC		RECORD DRAWING

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Cañada College Modernization
CENTRAL PLANT RENOVATION
San Mateo County Community College District

DETAIL SHEET

SCALE	N.T.S.
PROJECT NO.	202112
DESIGNED BY	CNE
DRAWN BY	ESC
CHECKED BY	ESC
DATE	6/03/05
LAYOUT THE	
REVISED (DATE)	
REVISED (DATE)	
REVISED (DATE)	
FILE NAME	

C4.0