GENERAL NOTES	FOUNDATION:	STRUCTURAL STEEL:	
CODE:	A. COMPLY WITH THE PROVISIONS OF CBC CHAPTER 18A.B. WHERE PRACTICABLE, MAKE EXCAVATIONS AS NEAR AS POSSIBLE TO THE	A. COMPLY WITH THE PROVISIONS OF CBC CHAPTER 22A, AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND AISC "CODE OF STANDARD PRACTICE".	
NEW EXTERIOR ELEVATOR AND STAIRS INCLUDING RETAINING WALLS,	B. WHERE PRACTICABLE, MAKE EXCAVATIONS AS NEAR AS POSSIBLE TO THE NEAT LINES REQUIRED BY THE SIZE AND SHAPE OF THE STRUCTURE. EXCAVATE NO MATERIAL UNNECESSARILY.	B. MATERIALS: WIDE FLANGE MEMBERS: ASTM A992, GRADE 50	
NEW EXTERIOR ACCESS RAMP, RELOCATION OF A NEW INTERIOR ELEVATOR AND INFILL EXISTING FLOOR SHAFT, NEW OPERABLE PARTITION, NEW OPENINGS IN FLOORS, AND INFILL OF OPENINGS	C. WHERE EXCAVATIONS CANNOT BE MAINTAINED FOR A NEAT POUR, FORM THE SIDES. WHEN POURING FOOTINGS NEAT, ADD ONE INCH EACH SIDE OF FOOTINGS TO THE SIZES SHOWN ON THE DRAWINGS.	OTHER ROLLED SHAPES: ASTM A36 PLATES AND BARS: ASTM A36, A572	
IN FLOORS.	D. ELEVATIONS OF BOTTOMS OF FOOTINGS, HAVE BEEN ESTABLISHED TO REACH COMPETENT NATURAL SOILS OR ENGINEERED FILL AS DETERMINED	STRUCTURAL PIPE:ASTM A53, TYPE S, GRADE BHSS TUBING:ASTM A500, GRADE BWELDING:AWS D1.1ELECTRODES:E70XX OR AS DETERMINED BY WELDING	
PERFORM THE WORK IN THE ORDER INDICATED ON THE DRAWINGS	FROM GEOTECHNICAL INVESTIGATION REPORT BY CONRNERSTONE EARTH GROUP, DATED MARCH 20, 2008 AND AMENDED DECEMBER 11, 2008. THIS MATERIAL IS CAPABLE OF SUPPORTING ALLOWABLE LOADS AS	HSB: ASTM A325N	
WHERE WORK REQUIRES SEQUENTIAL OPERATIONS. WHEN REQUESTING SUBSTITUTIONS FOR PRODUCTS, PROCEDURES, METHODS	INDICATED BELOW: BASED ON SOIL OR FILL BASED ON COMPETENT ROCK	M.B.: ASTM A307 WELDED STUDS: ASTM A108 GRADES C1010 – C1020 ANCHOR BOLTS: ASTM F1554, GRADE 36 AS NOTED ON THE DRAWINGS	
OR MATERIALS SPECIFIED FOR THE PROJECT, SUBMIT ENGINEERING DATA ESTABLISHING EQUIVALENCE AND ICC ACCEPTANCE NUMBER, IF APPLICABLE, FOR REVIEW BY THE ENGINEER AND APPROVAL BY DSA PRIOR TO INCORPORATING INTO THE WORK.	DEAD LOAD 2,000 PSF 6,000 PSF DEAD LOAD + LIVE LOAD 3,000 PSF 9,000 PSF TOTAL LOAD INCL. SEISMIC 4,000 PSF 12,000 PSF	THREADED RODS: ASTM A193, GRADE B7	
WHERE REFERENCED INDUSTRY STANDARDS ARE LISTED, USE THE LATEST DSA ACCEPTED AND APPROVED EDITION.	E. AS EXCAVATION PROGRESSES, CONDITIONS MAY DEVELOP REQUIRING	C. USE ASTM A325 NUT AND WASHER WHERE HSB ARE SPECIFIED.	
THESE DRAWINGS HAVE BEEN CREATED BASED ON THE FOLLOWING DESIGN CRITERIA:	CHANGES IN ELEVATIONS OF FOOTINGS, SHOWN ON THE DRAWINGS. MAKE SUCH CHANGES ONLY AS DIRECTED BY THE ENGINEER.	D. HOLES MAY BE 1/16" LARGER THAN BOLT DIAMETER EXCEPT HOLES TO FIT OVER ANCHOR BOLTS MAY BE 1/4" DIAMETER LARGER THAN BOLT DIAMETER.	
DESIGN CRITERIA	F. CLEAN EXCAVATIONS JUST PRIOR TO PLACING CONCRETE.	E. PAINT ONE SHOP COAT AND FIELD TOUCH UP WITH APPROVED PAINT: EXCLUDE AT HSB CONNECTION CONTACT SURFACES, WHERE FIREPROOFING IS TO BE INSTALLED AND AT LOCATIONS AND AREAS TO BE WELDED.	
GENERAL CODE 2007 CALIFORNIA BUILDING CODE [CBC]	G. WHERE BACKFILL IS TO BE PLACED AGAINST WALLS BEFORE THEY HAVE ATTAINED THEIR DESIGN STRENGTH, SHORE THE WALLS TO SUPPORT THE SOIL LOADING. THE SHORING IS TO REMAIN IN PLACE UNTIL THE WALL	F. USE NON-SHRINK GROUT UNDER COLUMN BASES. GROUT TO COMPLY WITH CORPS OF ENGINEERS SPECIFICATION CRD-C621. FIVE STAR GROUT,	
JURISDICTION DIVISION OF STATE ARCHITECTS OCCUPANCY CATEGORY III LOWEST ANTICIPATED SERVICE TEMP NA	HAS ATTAINED ITS DESIGN STRENGTH AND/OR OTHER CONSTRUCTION INTENDED TO BRACE THE WALLS IS INSTALLED AND ADEQUATELY STRONG TO SUPPORT THE SOIL LOADING.	MASTER BUILDERS, SIKA, OR EQUAL. MINIMUM COMPRESSIVE STRENGTH: f'c = 3000 PSI AT 7 DAYS AND $f'c = 7000$ PSI AT 28 DAYS.	
LIVE LOAD EARTHQUAKE LOAD ROOF 20 PSF SITE LOCATION LONGITUDE 37.447487	H. PLACE BACKFILL AS DIRECTED IN THE GEOTECHNICAL REPORT. IN THE ABSENCE OF A GEOTECHNICAL REPORT FOR THE PROJECT, PLACE BACKFILL IN LAYERS NOT EXCEEDING 6" IN DEPTH. MOISTEN EACH LAYER AND	G. USE COMPLETE JOINT PENETRATION WELDED JOINTS AT ALL SPLICES NOT INDICATED ON THE DRAWINGS.	
2ND FLOOR, TYP. 50 PSF LATTITUDE -122.266231 PSF DESIGN CATEGORY E	IN LATERS NOT EXCEEDING 6 IN DEPTH. MOISTEN EACH LATER AND THOROUGHLY COMPACT THE SOIL PRIOR TO PLACING THE NEXT LAYER. I. SOIL TYPE – 10' FILL COMPOSED OF CLAYEY SAND w/ GRAVEL	H. SUBMIT QUALIFICATIONS AND CERTIFICATES FOR ALL WELDERS. SUBMIT WELDING PROCEDURES FOR APPROVAL BY THE ENGINEER. SUBMIT HEAT NUMBERS FOR ALL MEMBERS INCLUDED IN THE WORK.	
PSF Ss (SEE NOTE) 2.331 1.8648 WIND LOAD SD1 (SEE NOTE) 1.191 0.9528 BASIC WIND SPEED 85 MPH SITE CLASS D	(EXTERIOR ELEVATOR) – WEATHERED GREENSTONE BEDROCK INTERIOR ELEVATOR LOCATION).	I. ALL WELDS SPECIFIED ON DRAWINGS ARE NOT CLASSIFIED AS FIELD OR SHOP APPLIED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE	
EXPOSURE C SDS (SEE NOTE) 1.554 1.2430 IMPORTANCE FACTOR 1.25 SDL (SEE NOTE) 0.794 0.6352		IF FIELD OR SHOP WELDING IS BEST SUITED FOR FABRICATION AND ERECTION OF SPECIFIC COMPONENTS.	
INTERNAL PRESSURE+/18R5.0COMPONENTS/CLADDING10 PSFI1.25SNOW LOAD </td <td>CONCRETE:</td> <td>J. FILLET WELD SIZES SHOWN ON THE DRAWINGS ARE MINIMUM SIZES, INCREASE WELD SIZE AS NECESSARY TO MEET AWS MINIMUM SIZES DUE TO BASE MATERIAL THICKNESS.</td> <td></td>	CONCRETE:	J. FILLET WELD SIZES SHOWN ON THE DRAWINGS ARE MINIMUM SIZES, INCREASE WELD SIZE AS NECESSARY TO MEET AWS MINIMUM SIZES DUE TO BASE MATERIAL THICKNESS.	
Pf NA OVERSTRENGTH FACTOR 2.5 Ce NA ANALYSIS PROCEDURE EQUIV. LAT. FORCE	A. COMPLY WITH THE PROVISIONS OF CBC CHAPTER 19A AND ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND	K. ALL GROOVE AND BUTT WELDS SHALL BE COMPLETE JOINT PENETRATION [CJP] TYPE, UON.	
IMPORTANCE FACTOR NA BASIC RESISTING SYSTEM Ct NA Rp 2.5	COMMENTARY." B. MATERIALS:	CARPENTRY:	
NOTE:	CEMENT: ASTM C150, TYPE II AGGREGATE: ASTM C33, NORMAL WEIGHT CONCRETE	A. COMPLY WITH THE PROVISIONS OF CBC CHAPTER 23A, NFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND AITC "TIMBER	
LEFT NUMBER PER AISC 7-05, SECT. 11.4.5 RIGHT NUMBER- SITE SPECIFIC VALUES PER GEOTECH LETTER. REPORT/P.3 DATED DECEMBER 11, 2008	CONCRETE: F'c = 3,000 PSI FOR ALL CONCRETE SLUMP: 4" MAX SHRINKAGE: LESS THAN 0.05%	B. LUMBER GRADING TO CONFORM TO WCLIB OR WWPA STANDARDS FOR THE	
	w/c RATIO: .45	SIZES SHOWN ON THE DRAWINGS. MOISTURE CONTENT NOT TO EXCEED 19% AT TIME OF INSTALLATION. USE PRESSURE TREATED LUMBER FOR MEMBERS EXPOSED TO WEATHER, SLEEPERS AND BEARING PLATES ON TOP	
IENSIONS AND DATUM:	C. FLY ASH MEETING ASTM C618 CLASS F OR N MAY BE USED AS A PARTIAL REPLACEMENT FOR CEMENT. FLY ASH SHALL NOT EXCEED 25% [MEASURED BY WEIGHT] OF THE TOTAL CEMENTITIOUS CONTENT.	OF ROOFS, AND AS NOTED ON ITEM D BELOW.	
DIMENSIONS ARE GIVEN TO CENTERLINE OF COLUMNS AND BEAMS OR	D. SUBMIT FOR REVIEW BY THE ENGINEER AND DSA THE PROPOSED MIX DESIGNS, IN CONFORMANCE WITH CBC SECTION 1905, REVIEWED AND	NAILS: ASTM F1667, COMMON WIRE TYPE [UON]	
FACE OF WALLS AND ROUGH CONCRETE SURFACES, UNLESS OTHERWISE NOTED. ELEVATIONS ARE GIVEN WITH REFERENCE TO EXISTING FINISHED GROUND	APPROVED BY AN INDEPENDENT TESTING LABORATORY, CONCRETE MIX DESIGNS FOR EACH TYPE AND STRENGTH OF CONCRETE.	USE THE FOLLOWING DOUGLAS FIR-LARCH GRADES WHERE GRADES ARE NOT OTHERWISE INDICATED ON THE DRAWINGS:	
ELEVATIONS ARE GIVEN WITH REFERENCE TO EXISTING FINISHED GROUND FLOOR ELEVATION: EL. = 0'-0", UON. DATUM ELEVATION = $+659'-0"$	E. USE NO ADDITIVES OR ADMIXTURES UNLESS APPROVED BY THE ENGINEER AND DSA.	PLYWOOD PS-1, STRUCT. 1, EXPOSURE 1	
ISTING CONSTRUCTION:	F. REINFORCE ALL CONCRETE UNLESS SPECIFICALLY MARKED "NOT REINFORCED." WHERE REINFORCEMENT IS NOT OTHERWISE INDICATED ON THE DRAWINGS, REINFORCE WITH THE FOLLOWING MINIMUM REQUIREMENTS:	BLOCKING AND BRIDGING No. 2 NAILERS No. 2 D. USE PRESERVATIVE PRESSURE TREATED DOUGLAS FIR-LARCH BEARING AN	
DETAILS AND DIMENSIONS FOR EXISTING CONSTRUCTION HAVE BEEN TAKEN FROM DRAWINGS. VERIFY THAT THE EXISTING CONDITIONS AFFECTED BY THE	THICKNESSREINFORCING EACH WAYLESS THAN 8"#4 @ 12", CENTERED	AWPA STAMP CONFORMING TO C2 OR C9 FOR WOOD OR PLYWOOD IN CONTACT WITH CONCRETE OR MASONRY.	
WORK ARE AS INDICATED ON THE DRAWINGS AND, IN CASE OF DISCREPANCY, PROCEED ONLY AFTER RECEIVING INSTRUCTIONS FROM THE ENGINEER.	8" TO LESS THAN 10" #4 @ 9", CENTERED 10" TO LESS THAN 16" #4 @ 12", EACH FACE MORE THAN 16" #5 @ 12", EACH FACE	E. NAILING SCHEDULE - ALL MEMBERS THROUGHOUT BUILDING SHALL BE CONNECTED TOGETHER WITH FASTENERS LISTED IN, UNLESS A GREATER	
VERIFY THAT DISCONNECTING, REMOVING OR DEMOLISHING ANY EXISTING CONSTRUCTION WILL NOT CAUSE INSTABILITY IN ADJACENT CONSTRUCTION PRIOR TO COMMENCING WORK. SHOULD CONDITIONS BECOME EVIDENT WHICH COULD POSE A DANGER TO THE SAFETY OF THE BUILDING, WORKPLACE,	G. COORDINATE WITH THE TESTING AGENCY; DESIGNATED BY THE OWNER'S REPRESENTATIVE, FOR STRENGTH AND SLUMP TESTING AS SCHEDULED	NUMBER ARE SHOWN OR CALLED FOR ELSEWHERE IN THE DRAWINGS. ALL NAILS SHALL BE COMMON WIRE NAILS, UON.	
WORKERS OR OCCUPANTS, NOTIFY THE OWNER'S REPRESENTATIVE. WHERE NEW PENETRATIONS ARE TO BE CUT INTO EXISTING CONCRETE, DRILL	IN SPECIAL INSPECTION AND TESTING SCHEDULE. COST OF TESTING AS SCHEDULED WILL BE PAID BY THE OWNER. COST OF TESTING, REMOVAL AND REPAIR OF NONCONFORMING CONCRETE TO BE PAID BY	F. PREDRILL HOLES FOR FASTENERS TO BE AS FOLLOWS:	
OR CORE HOLES AT THE CORNERS OF NEW PENETRATIONS AND SAWCUT BETWEEN HOLES. DO NOT OVERCUT BEYOND THE LIMITS OF THE NEW PENETRATION. IF NECESSARY, REMOVE THE REMAINDER TO SQUARE CORNERS	THE CONTRACTOR. H. COORDINATE WITH THE INSPECTION AGENCY DESIGNATED BY THE OWNER'S REPRESENTATIVE FOR INSPECTION OF REINFORCEMENT	FASTENERHOLE_SIZENAILS:3/4 DIA. IF NECESSARY TO PREVENT SPLITTING	
TAKING CARE NOT TO DAMAGE PARTS TO REMAIN. WHERE DETAIL NOTES INDICATED THAT EXISTING REINFORCING BARS SHALL	PLACEMENT AND PLACING OF CONCRETE AS SCHEDULED IN SPECIAL INSPECTION AND TESTING SCHEDULE.	G. INSTALL PLYWOOD WITH SHEETS CENTERED ACCURATELY OVER SUPPORTING MEMBERS. UNLESS OTHERWISE INDICATED ON THE DRAWINGS, LAY FACE	
NOT BE DAMAGED DURING DEMOLITION, EXISTING CONCRETE SHALL BE DEMOLISHED WITH CARE SUCH THAT EXISTING EMBEDDED CONCRETE REINFORCING SHALL NOT BE CUT AND SHALL REMAIN IN PLACE TO BE	I. NOTIFY THE OWNER'S REPRESENTATIVE AT LEAST ONE DAY IN ADVANCE OF CONCRETE PLACEMENT.	GRAIN PERPENDICULAR TO SUPPORTS WITH END JOINTS STAGGERED. USE NO PIECES LESS THAN 24" x 24". USE 3x4 FLAT BLOCKING AT UNSUPPORTED EDGES WHERE INDICATED ON THE DRAWINGS AS BEING	
PART OF NEW CONSTRUCTION.	J. DESIGN FORMWORK IN ACCORDANCE WITH ACI 318 SECTION 6.1 AND ACI 347 "GUIDE TO FORMWORK FOR CONCRETE". USE BOND BREAKER OR FORM RELEASE AGENT FOR EASE OF REMOVAL FROM THE PLACED	BLOCKED. WHERE FASTENING IS NOT OTHERWISE INDICATED ON THE DRAWINGS, FASTEN PLYWOOD WITH 10d COMMON WIRE NAILS PENETRATING THE FRAMING 1 5/8", SPACED AS FOLLOWS:	
COMPLY WITH THE PROVISIONS OF CBC CHAPTER 22A AND AISI	CONCRETE. K. CHAMFER ALL CORNERS TO PREVENT DAMAGE.	LOCATION MIN. THICKNESS EDGES FIELD	
"NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD—FORMED STEEL STRUCTURAL MEMBERS" AND STEEL STUD MANUFACTURERS ASSOCIATION ICC ER—4943P.	L. USE VIBRATORS TO CONSOLIDATE CONCRETE. DO NOT USE VIBRATORS TO MOVE CONCRETE. DO NOT VIBRATE FORMS OR USE FORM VIBRATORS.	FLOORS 5/8" 6"o.c. 9"o.c. WALLS 1/2" 4"o.c. 12"o.c. POOL 1/2" 6"o.c. 12"o.c.	
GALVANIZED STUDS:	M. FINISH FLATWORK TO STEEL TROWEL FINISH UNLESS INDICATED OTHERWISE ON THE DRAWINGS OR INSTRUCTED BY THE OWNER'S REPRESENTATIVE.	ROOF 1/2" 6"o.c. 12"o.c. H. MINIMUM WIDTH OF PLYWOOD SHEATHING: 24" AT ROOF AND; 12" AT	
68 & 54 MIL.: ASTM A653, STRUCTURAL STEEL GRADE 50 OR GRADE 33 43 MIL. AND THINNER: ASTM A653, STRUCTURAL STEEL GRADE 33	ELEVATION OF FINISHED SLABS MAY VARY NO MORE THAN 1/8" IN 10'. N. REMOVE FINS AND FILL VOIDS WITH APPROVED PATCHING MIX ON WALLS	WALLS. INSTALL STUD DEPTH BLOCKING, 6" NOM. MAX., AT ALL PLYWOOD EDGES IN SHEAR WALLS. USE BLOCKING 1" THICKER THAN SCHEDULED BLOCKING AT CONTINUOUS HORIZONTAL JOINTS. INSTALL	
CARBON STEEL STUDS: 68 & 54 MIL.: ASTM A000, STRUCTURAL STEEL	 AND COLUMNS AND EXPOSED SURFACES. O. THOROUGHLY SANDBLAST WITH COARSE SILICA SAND ALL CONSTRUCTION 	BLOCKING AT ROOF.	,
43 MIL. AND THINNER: ASTM A1011, STRUCTURAL STEEL GRADE 33	JOINTS TO CLEAN AND ROUGHEN THE ENTIRE JOINT, EXPOSING CLEAN COARSE AGGREGATE SOLIDLY EMBEDDED IN MORTAR MATRIX AND PAINT WITH A BONDING AGENT PRIOR TO PLACING NEW CONCRETE. COMPLY	I. FASTENERS FOR PRESSURE-PRESERVATIVE TREATED AND FIRE RETARDANT TREATED WOOD SHALL BE OF HOT-DIPPED ZINC COATED GALVANIZED, STAINLESS STEEL, SILICON BRONZE OR COPPER. FASTENERS REQUIRED TO BE CORROSION	
SUBMIT MANUFACTURER'S DATA, INCLUDING ICC ACCEPTANCE REPORT, INDICATING COMPLIANCE WITH SECTION PROPERTIES LISTED ON THE DRAWINGS.	WITH THE PROVISIONS OF CBC SECTION 1906A.4 AND ACI 318, SECTION 11.7.9.	RESISTANT SHALL BE EITHER ZINC-COATED FASTENERS, ALUMINUM ALLOY WIRE FASTENERS OR STAINLESS STEEL FASTENERS. FASTENERS USED IN METAL FRAMING CONNECTORS SHALL BE OF MATERIAL OR FINISH COMPATIBLE WITH THE	
WHERE FASTENING OF MEMBERS IS NOT OTHERWISE INDICATED ON THE	P. REPAIR STRUCTURAL AND FINISH DEFECTS AS DIRECTED BY THE OWNER'S REPRESENTATIVE.	CONNECTOR. STEEL REINFORCEMENT:	
DRAWINGS, FASTEN AS FOLLOWS: <u>MEMBER</u> STUDS TO TRACK FASTENING FASTENING FASTENING	GROUTING:	A. COMPLY WITH THE PROVISIONS OF CBC SECTION 1907A AND CHAPTER 21A	
STUDS TO TRACK, EACH FLANGE: 1-#8 SCREW OR SPOT WELD JOIST TO TRACK	 A. NON-SHRINK GROUT: MINIMUM COMPRESSIVE STRENGTH: f'c=3000 PSI AT 7 DAYS AND f'c=7000 PSI AT 28 DAYS. 	AND ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY." B. MATERIALS:	
JOIST TO STUD WEB TO WEB: 3-#8 SCREWS TOP TRACK SPLICES USE 54 MIL. x 12" BLOCKING w/ 3-#8 SCREWS AT EACH FLANGE, EACH SIDE OF SPLICE	 B. EPOXY GROUT: MINIMUM COMPRESSIVE STRENGTH: f'c=3000 PSI AT 7 DAYS AND f'c=7000 PSI AT 28 DAYS, U.O.N. 	B. MATERIALS: BARS: ASTM A615, GRADE 60 EXCEPT STIRRUPS AND TIES #3 AND SMALLER MAY BE GRADE 40	
INSTALL CONTINUOUS END BLOCKING AT JOISTS ON TOP PLATES. SOLID BLOCKS, SAME GA. AS STUDS.		WELDED BARS: ÄSTM A706 WWF: ASTM A185	
INSTALL BLOCKING AND DRAFT STOPS AT 10'-0"O.C. MAX. BETWEEN ALL STUDS.		C. PLACE REINFORCEMENT CONTINUOUS WITH SPLICES STAGGERED. UNLESS OTHERWISE DETAILED, LAP BARS AS FOLLOWS:	
INSTALL LATERAL BRACING OF BOTH VERTICAL AND HORIZONTAL MEMBERS PER <u>9.1H</u> .		CONCRETE: ACI 318, CHAPTER 12 IN LIEU OF LAP SPLICE, SPLICING DEVICES CAPABLE OF DEVELOPING 125%	
WHERE INTERIOR STUD SIZES ARE NOT OTHERWISE INDICATED ON THE DRAWINGS, SPACE THE STUDS AT 16"o.c. AND USE THE FOLLOWING SSMA SIZES:		OF THE YIELD CAPACITY OF THE BARS IN TENSION AND COMPRESSION CAN BE USED. SUBMIT SUBSTANTIATING DATA FOR REVIEW BY THE ENGINEER.	
STUD SIZE & THICKNESSUNSUPPORTED LENGTH $362S125-43$ LESS THAN $12'-0"$ $[\Delta = 1/240]$		D. HOLD REINFORCEMENT IN ITS TRUE POSITION WITH DEVICES SUFFICIENTLY NUMEROUS TO PREVENT DISPLACEMENT BY OPERATIONS BEFORE AND DURING CONCRETE PLACEMENT.	
600S125-33 12'-0" TO LESS THAN 24'-0" [$\Delta = 1/240$] WHERE HEADER SIZES ARE NOT OTHERWISE INDICATED ON THE		E. USE CBC STANDARD HOOKS, BENDS AND CLEARANCES BETWEEN BARS, UNLESS OTHERWISE DETAILED.	
WHERE HEADER SIZES ARE NOT OTHERWISE INDICATED ON THE DRAWINGS, USE THE FOLLOWING: SPAN HEADER		F. MINIMUM CONCRETE COVER AROUND REINFORCEMENT: CONCRETE PLACED AGAINST EARTH	
LESS THAN $6'-0''$ (2) - 362S125-54 AND (2) - 362T125-54 6'-0'' TO 10'-0'' (2) - 6000S125-54 AND (2) - 600T125-54		FORMED, EXPOSED TO WEATHER OR EARTH	
DÉTAIL CONNECTION PER <u>9.1M</u> , <u>9.1G</u> & <u>9.1L</u>		INTERIOR SUSPENDED SLABS AND JOISTS	
ALL MEMBERS ARE TO BE CONTINUOUS, WITHOUT SPLICES, BETWEEN SUPPORT POINTS, UNLESS SHOWN OTHERWISE ON THE DRAWINGS.		G. SUBMIT HEAT NUMBERS FOR ALL REINFORCEMENT INCLUDED IN THE WORK.	

I. FIELD BENDING OF REINFORCEMENT IS NOT PERMITTED WITHOUT PRIOR APPROVAL FROM ENGINEER.

ALL REBAR EPOXY DOWELS TO BE HILTI HIT—RE 500 ADHESIVE PER ESR—2322. ONLY WHERE SHOWN ON DRAWINGS AND APPROVED BY DSA

CHANICAL ANCHORS:

COMPLY WITH THE PROVISIONS OF CBC SECTION 1911A, 1912A AND 1916A.8. EXPANSION ANCHORS SHALL BE CARBON STEEL HILTI KWIK BOLT TZ

[ICC ESR-1917] OR SIMPSON STRONG-BOLT [ICC ESR-1771].

ANCHOR SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS GIVEN IN THE ICC RESEARCH COMMITTEE RECOMMENDATIONS FOR THE SPECIFIC ANCHOR.

THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SUCH THAT INTERFERENCE OF REINFORCING STEEL WITH CONCRETE ANCHOR PLACEMENT DOES NOT OCCUR. IF REINFORCING STEEL IS ENCOUNTERED DURING DRILLING, ADJUST THE ANCHOR LOCATION IF POSSIBLE AND NOTIFY THE OWNER'S REPRESENTATIVE. ABANDONED HOLES SHALL BE FILLED WITH NON-SHRINK GROUT. ANCHORS SHALL BE SET WITHIN 3 INCHES OF THEIR SPECIFIED LOCATION, BUT AT LEAST 1 INCH FROM ANY ABANDONED HOLE. CARE SHALL BE TAKEN NOT TO BREAK OR DAMAGE REINFORCING STEEL DURING DRILLING, UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE.

TESTS SHALL BE IN THE PRESENCE OF THE OWNER'S PROJECT INSPECTOR OR TESTING LABORATORY AND THE TEST RESULTS SUBMITTED TO THE PROJECT ENGINEER. TEST REQUIREMENTS FOR EXPANSION ANCHORS USED IN METAL SUSPENSION SYSTEM FOR LAY IN PANEL CEILINGS SHALL BE IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. TEST VALUES LISTED ARE FOR A TORQUE WRENCH TEST. THE APPLICABLE TEST TORQUE MUST BE REACHED WITHIN ONE-HALF TURN OF THE NUT.

IN THE EVENT OF ANY TEST FAILURE, TEST ALL ANCHORS OF THE SAME CATEGORY NOT PREVIOUSLY TESTED UNTIL TWENTY CONSECUTIVE PASS. THEN RESUME INITIAL TESTING FREQUENCY. PATCH ALL HOLES WHERE FASTENERS ARE REMOVED USING NON-SHRINK GROUT, PACKED SOLIDLY. ALLOWABLE LOADS LISTED ARE 100% OF THE ICC REPORT VALUES WITH SPECIAL INSPECTION. REDUCE VALUES AS SPECIFIED BY THE APPLICABLE ICC REPORT WHEN INSTALLED WITH EDGE DISTANCES OR ANCHOR SPACING LESS THAN DIMENSIONS NOTED.

TABULATED ALLOWABLE TENSION VALUES ARE FOR INSTALLATION WITH SPECIAL INSPECTION. ANCHORS INSTALLED IN NORMAL WEICHT CONCRETE MINIMUM CONCRETE

ANCHURS INSTALLED IN	NORMAL WEIGHT	CUNCREIE, MINIMUM CUNCREIE
STRENGTH IS 3000 PSI.	ANCHORS ARE	MADE OF CARBON STEEL FOR
INSIDE INSTALLATIONS.		

					T				
BOLT DIAMETER	MIN. EMBEDMENT UON	ALLOWABLE SHEAR	ALLOWABLE TENSION	EDGE DISTANCE	SPACING	MIN. MEMBER THICKNESS	TORQUE TEST		
(INCHES)	(INCHES)	(POUNDS)	(POUNDS)	(INCHES)	(INCHES)	(INCHES)	(FT-LBS)		
HILTI KWIK BOLT TZ, STATIC (ASD): SEE NOTE 1									
38	2	1669	1155	48	358	4	25		
2	2	2974	1223	51	48	4	40		
2	31	2074	2500	71	312	6			
58	31	4901	2388	62	43	5	60		
8	4		3458	8 3	44	6			
34	33 43	7396	3139	10	9 <u>1</u> 7 3	6	110		
4	43		4475	9	74	8			
HILTI KWIH	BOLT TZ, S	SEISMIC/WIN	D (ASD): S	EE NOTE 1					
38	2	999	1102	4 3	3ई	4	25		
4	2		1167	51	4 8	4			
12	31	2839	2386	71/2	32	6	40		
5	38	1070	2280	6 <u>1</u>	43	5	<u> </u>		
500	4	4678	3301	83	41	6	60		
3	33	0747	2997	10	9 <u>1</u>	6	110		
34	4 3	6313	4272	9	73	8	110		
NOTE 1:	USE SPAC	NG/EDGE D	DISTANCE ADJ	IUSTMENT C	HART (FIG.	4 PER ES	R-1917]		
SIMPSON	STRONG BOL	.T, STATIC (A	ASD):		-gyynainyddiaddol ywysadon yw arbertau yn	General and the contract of the			
	23	1570	1235	9	4	41/2			
12	23 36 38	3045	1290	778	4	6	50		
~	0 	4245	1670	11	6‡	51			
58	51 51	4865	2320	95	61	778	85		
7	41	5775	2270	132^{1}	61	6 3			
34 4	4 1 5 3	8275	4090	117	61	87	180		
SIMPSON	STRONG BOL	T, SEISMIC/	WIND (ASD):		L	L			
4	23	1500	1180	9	4	4 <u>1</u>			
2	37	2905	1230	7 <mark>7</mark>	4	6	50		
Ę	37 38 38	3715	1590	11	6‡		20		
580	5 <u>1</u>	4305	2215	95	61	5 <u>1</u> 778	85		
3	41	5510	2165	132	61	6 3	100		
3 4	5 ³ 7080 3905 11 ³ 6 ¹ 8 ³		83	- 180					
and and a subscription of the subscription of									

ANCHOR DIAMETER REFERS TO THE THREAD SIZE FOR THE WEDGE AND TO THE ANCHOR OUTSIDE DIAMETER FOR THE SLEEVE CATEGORY.

APPLY PROOF TEST LOADS TO WEDGE AND SLEEVE ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY LOAD.

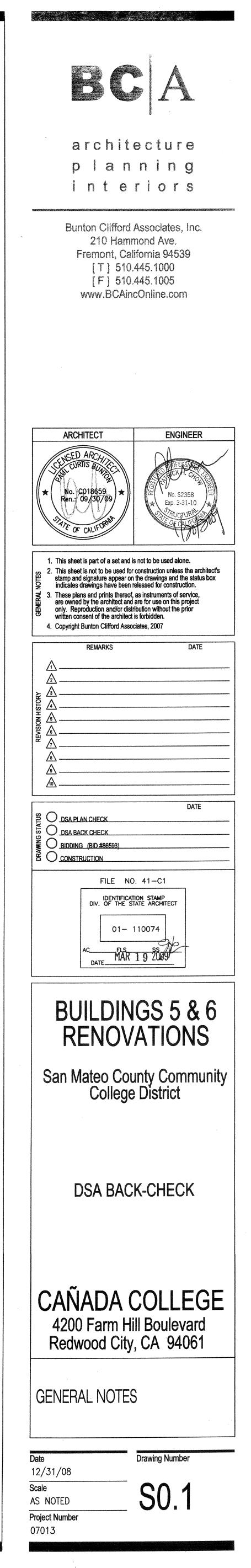
FOR SLEEVE INTERNALLY THREADED CATEGORIES, VERIFY THAT THE ANCHOR IS NOT PREVENTED FROM WITHDRAWING BY A BASE PLATE OR OTHER FIXTURES. IF RESTRAINT IS FOUND, LOOSEN AND SHIM OR REMOVE FIXTURE(S) PRIOR TO TESTING.

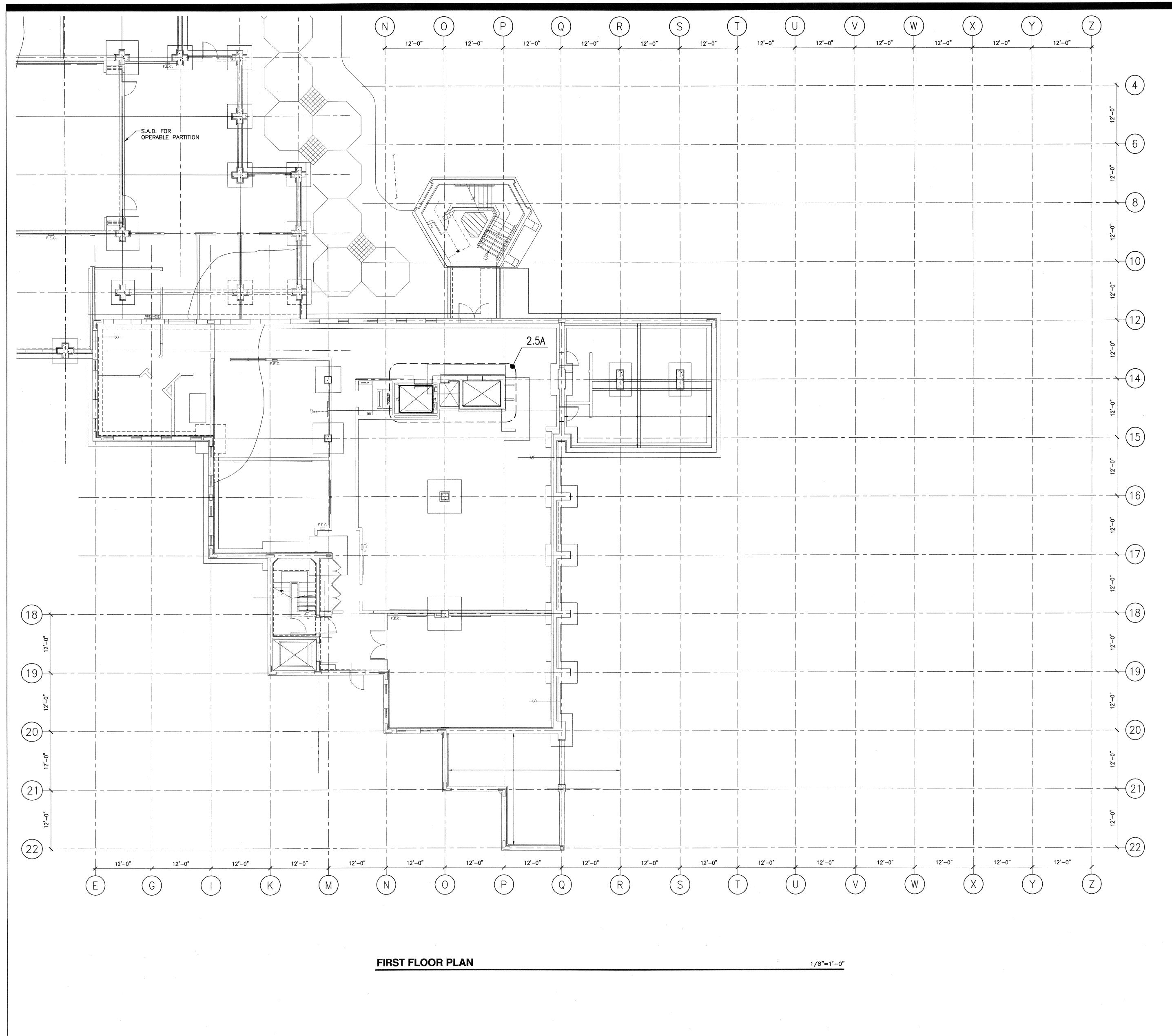
REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE(S). TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES. TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE SUBJECT ANCHORS. ALL EXPANSION ANCHORS OF EACH SIZE SHALL BE TENSION TESTED. WHERE ANCHORS ARE USED FOR EQUIPMENT ANCHORAGE, 50% OF ALTERNATE BOLTS IN A GROUP SHALL BE TENSION TESTED.

DRAWING INDEX

ENERAL NOTES

- S2.1 FIRST FLOOR PLAN
- S2.2 SECOND FLOOR PLAN
- S2.3 THIRD FLOOR PLAN
- S2.4 ROOF AND HIGH ROOF PLANS S2.5 INTERIOR ELEVATOR PARTIAL FRAMING PLANS
- S2.6 EXTERIOR ELEVATOR FOUNDATION PLAN
- SD2.6 FOUNDATION/STAIR DEMOLITION PLAN
- S2.7 EXTERIOR ELEVATOR FRAMING PLANS
- S4.1 SECTION
- S4.2 SECTION
- S4.3 SECTION
- S5.1 CONCRETE DETAILS
- S5.2 CONCRETE DETAILS
- S7.1 STEEL DETAILS
- S9.1 LIGHT GAGE STEEL TYPICAL DETAILS S9.2 LIGHT GAGE STEEL DETAILS





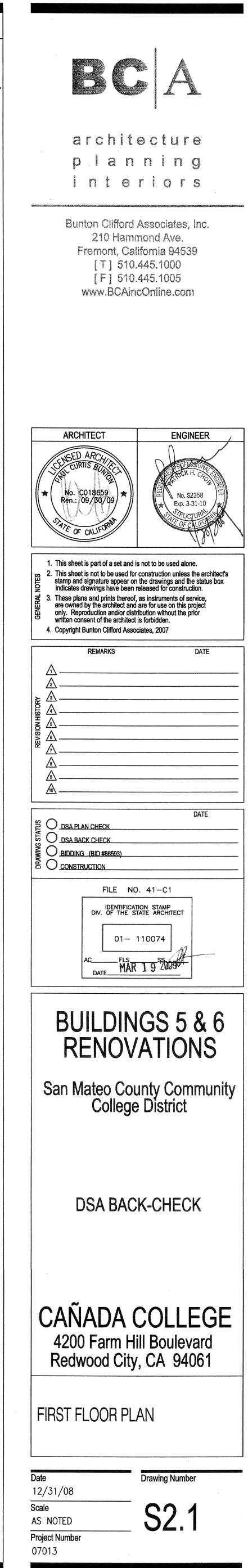
SHEET NOTES

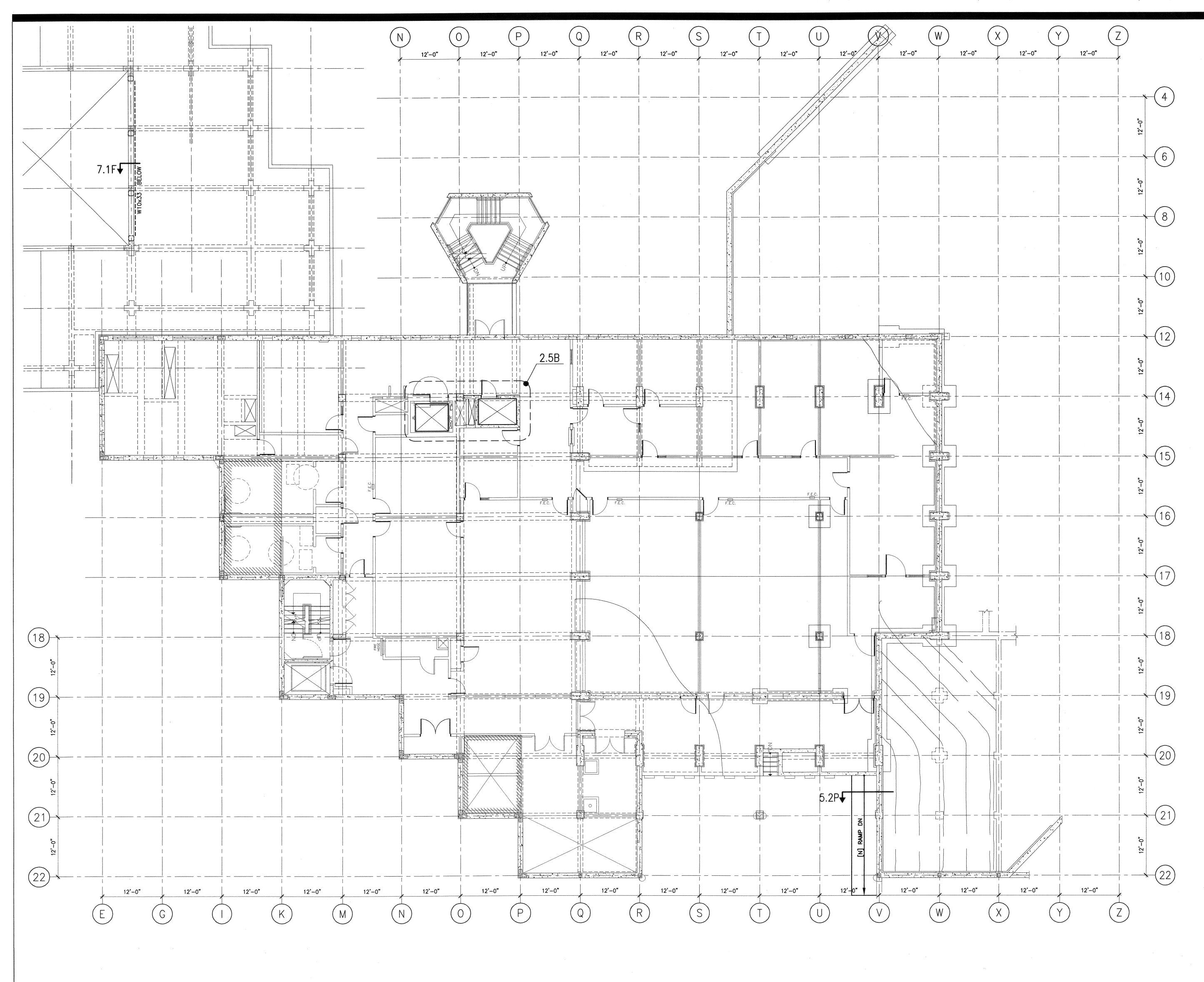
REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION, ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION.

FOR SAFETY BEAM SEE <u>5.2N</u> SIM.





SECOND FLOOR PLAN

1/8"=1'-0"

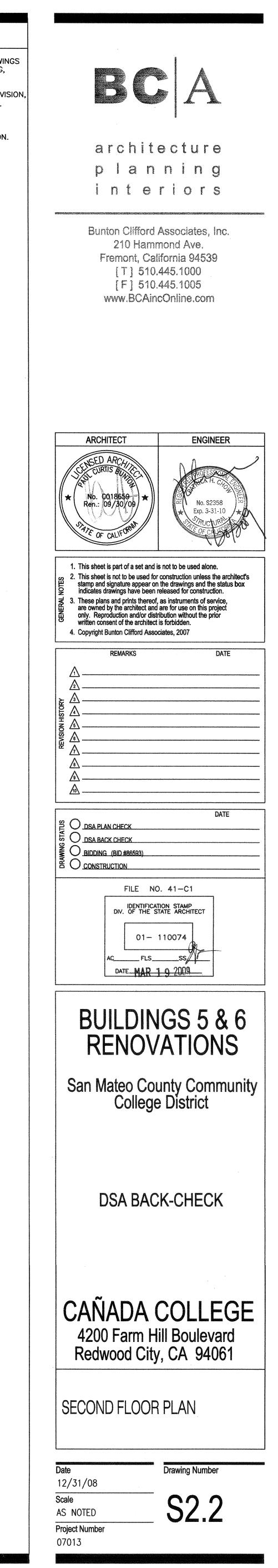
SHEET NOTES

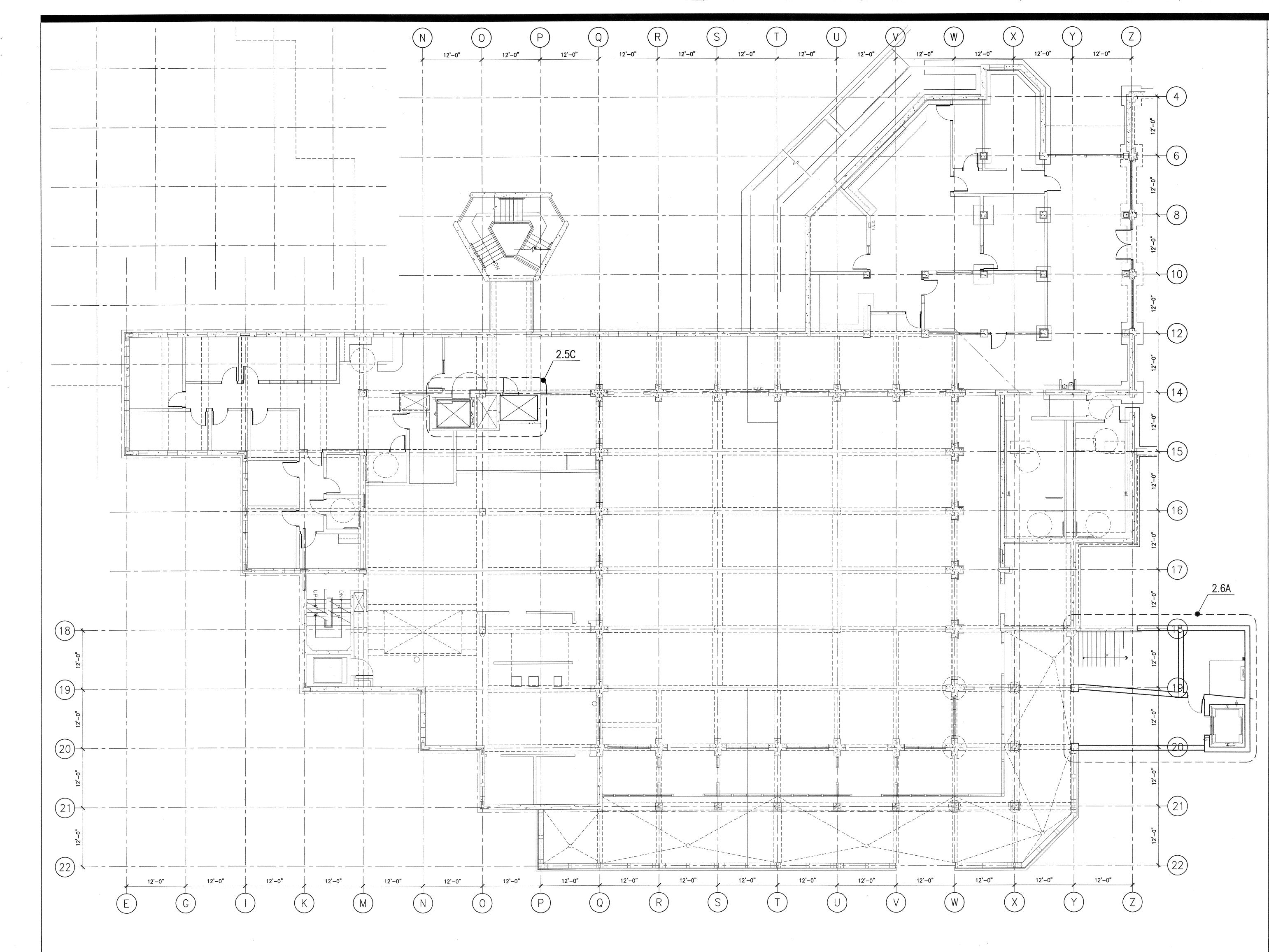
REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION, ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION.

FOR SAFETY BEAM SEE <u>5.2N</u> SIM.





THIRD FLOOR PLAN

.8

1/8"=1'-0"

SHEET NOTES

REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

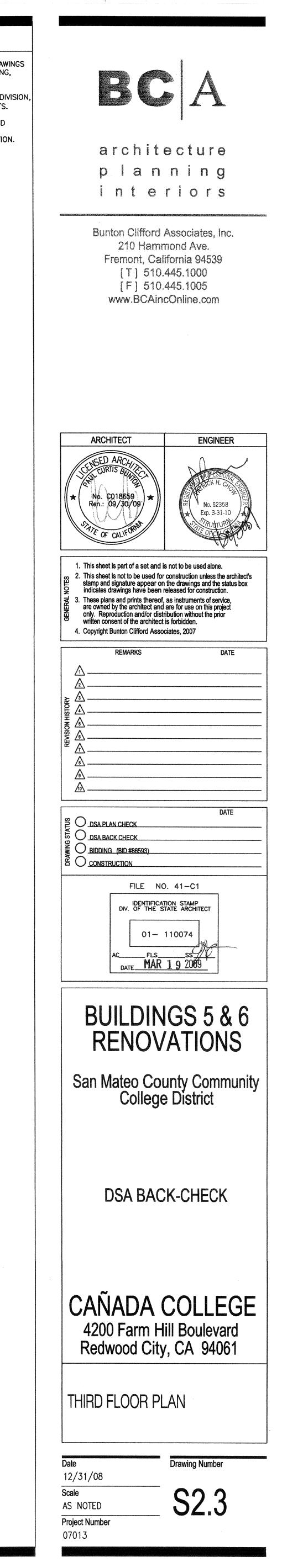
2. SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION, ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

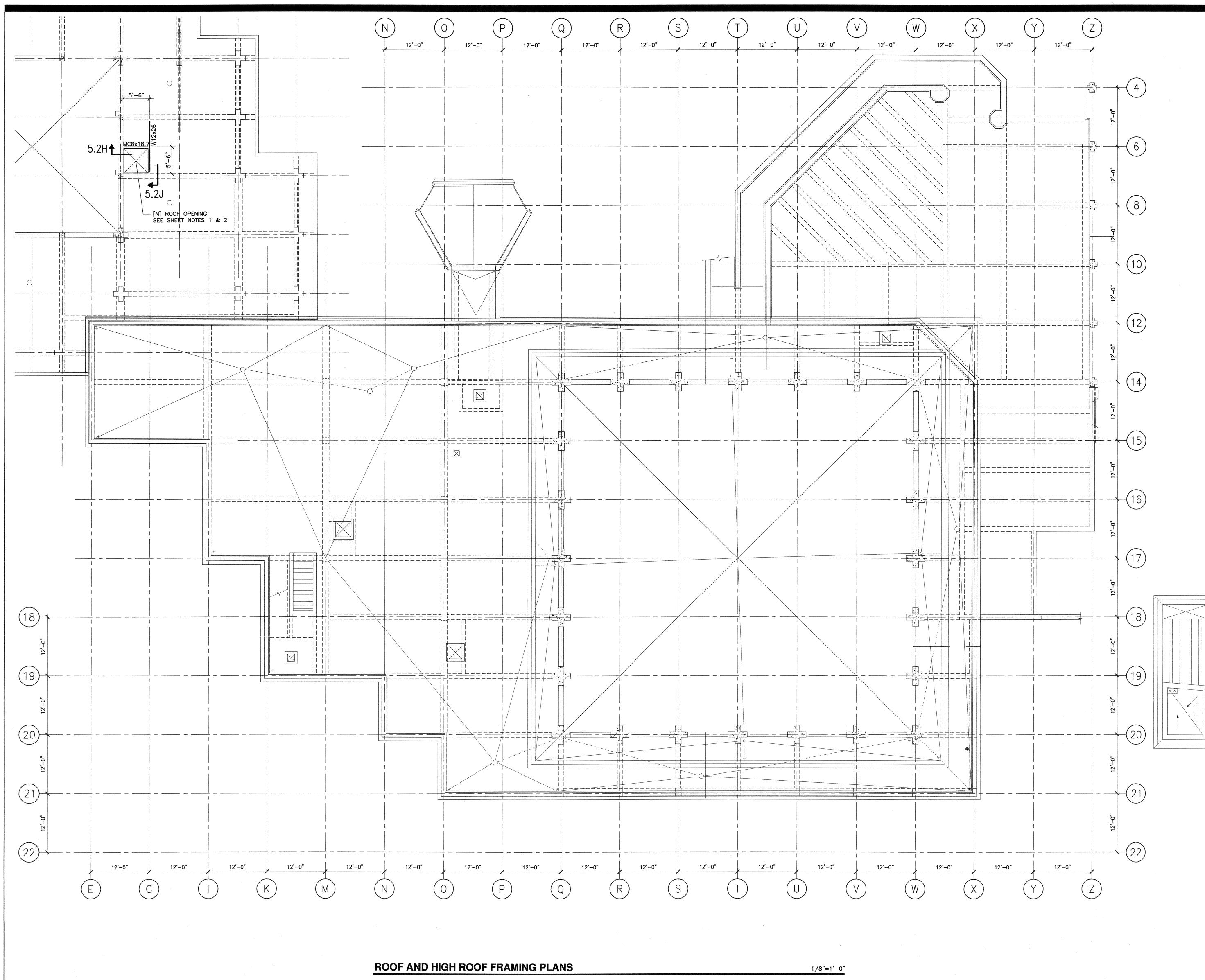
COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION.

FOR SAFETY BEAM SEE 5.2N SIM.

·

.





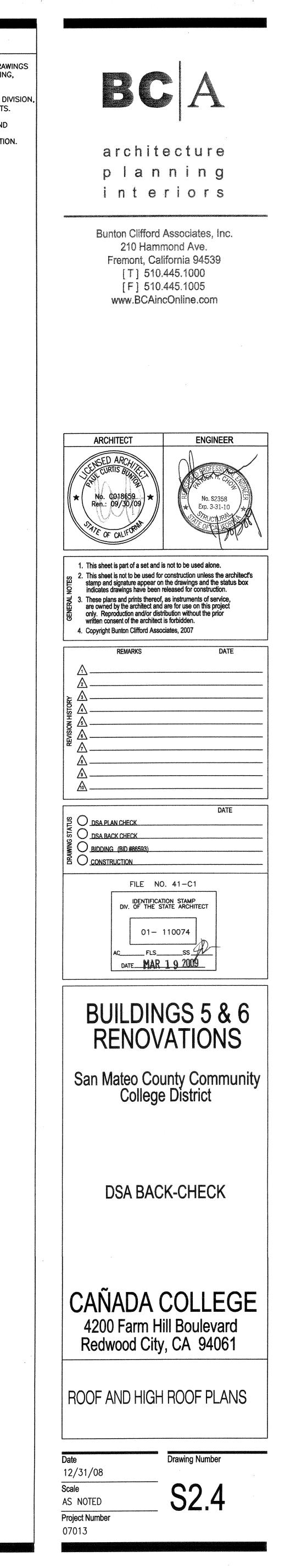
*

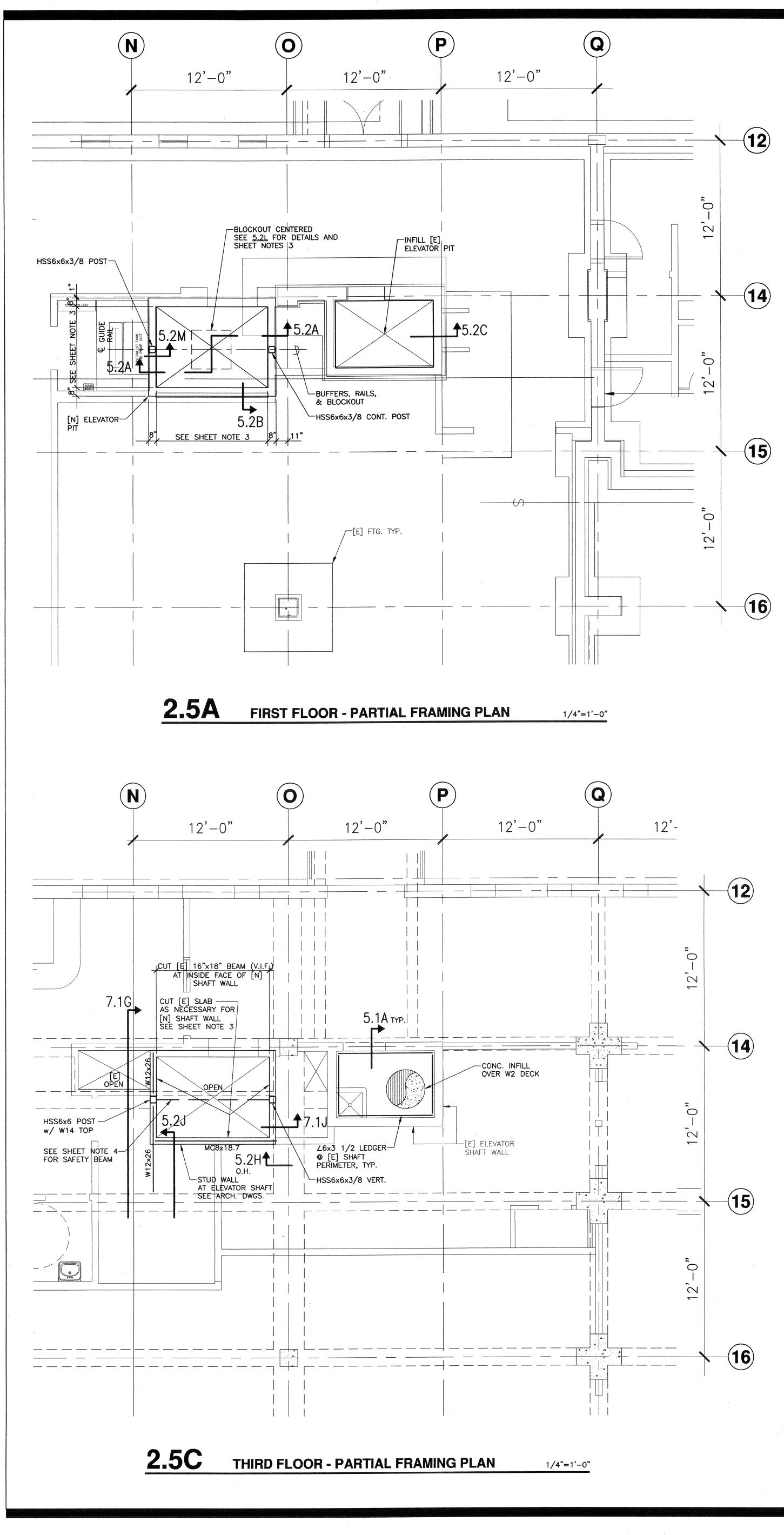
SHEET NOTES

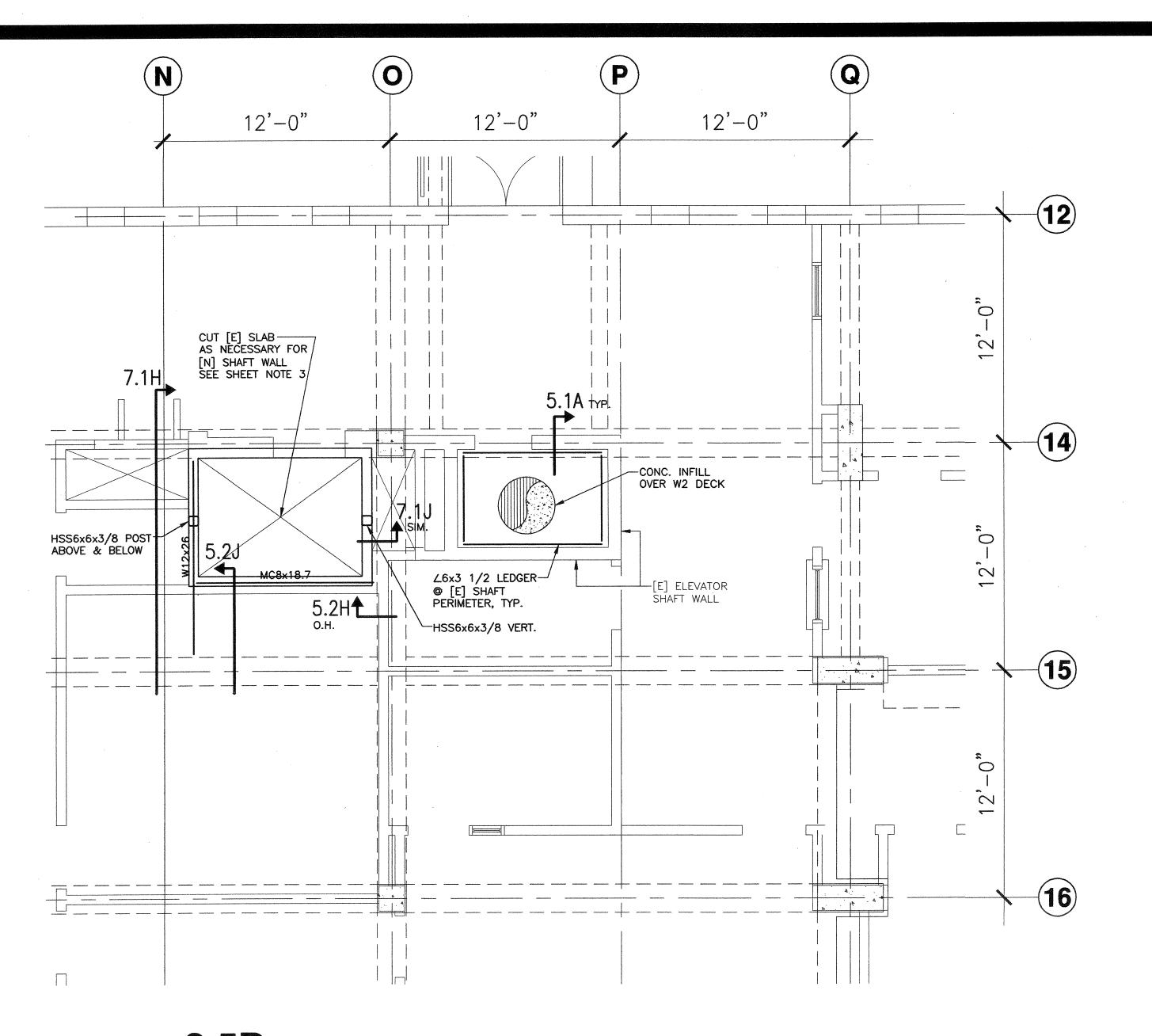
REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION, ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS. COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION.

FOR SAFETY BEAM SEE 7.1C







2.5B SECOND FLOOR - PARTIAL FRAMING PLAN

1/4"=1°-0"

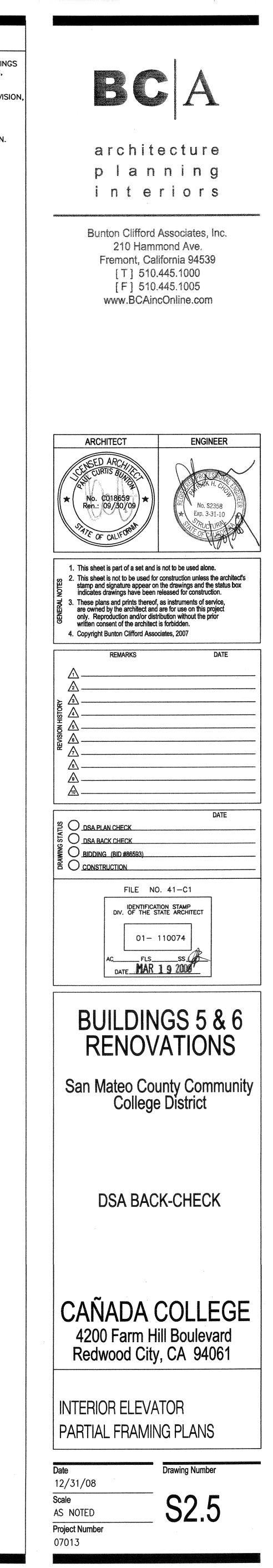
SHEET NOTES

REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS. SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION,

ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

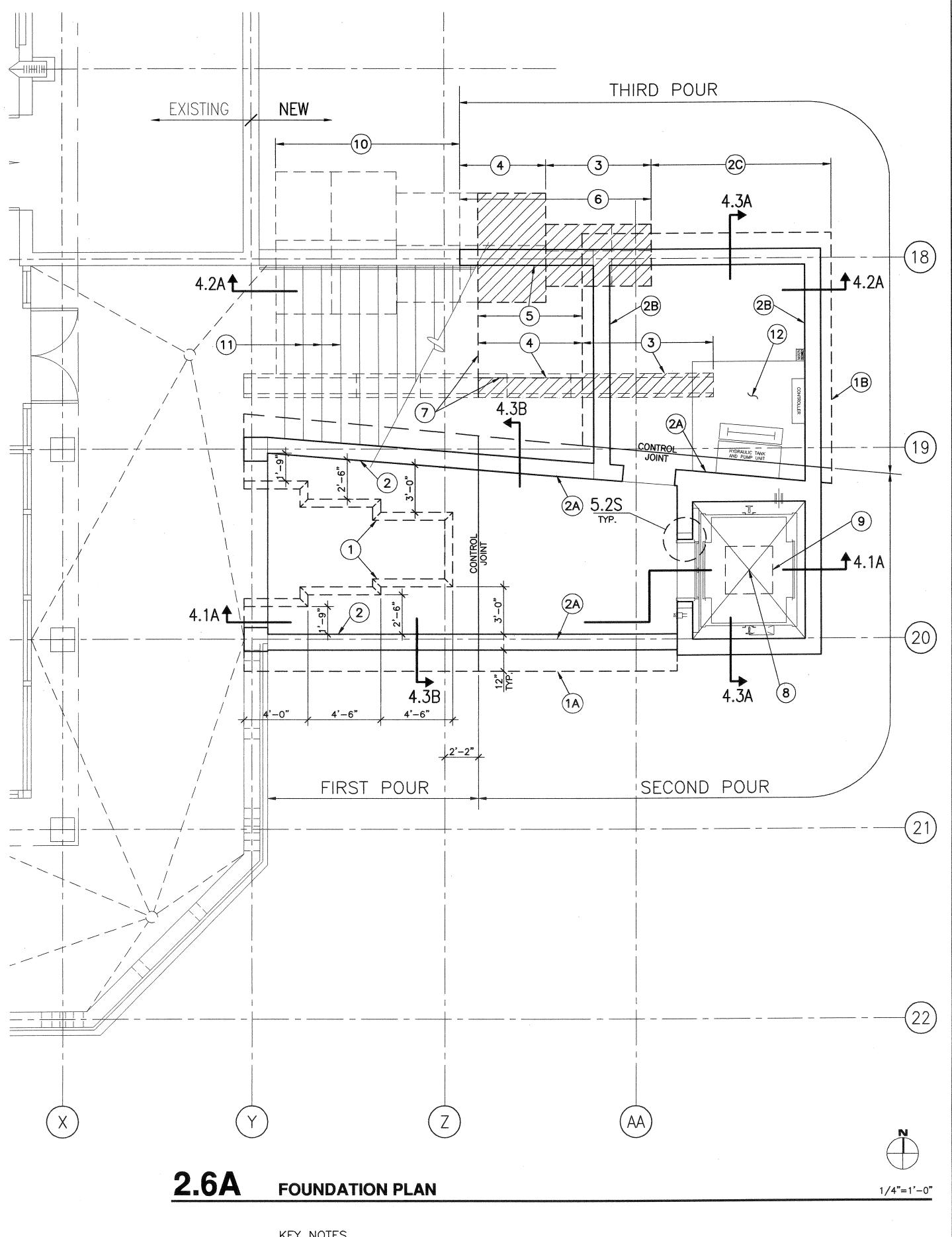
COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION.

FOR SAFETY BEAM SEE 7.1C



\$

÷



KEY N	OTES
1	18" THICK FOUNDATION M #6 @ 12"o.c. E-W DIREC
1 A	SAME AS KEY NOTE #1,
1B	SAME AS KEY NOTE #1,
2	12" THICK RETAINING WAL
2A)	SAME AS KEY NOTE #2,
2B	SAME AS KEY NOTE #2,
2C	SAME AS KEY NOTE #2,
3	DEMOLISH [E] RETAINING REMOVING SOIL BACKFILL
4	SAME AS KEY NOTE #3.
5	SAME AS KEY NOTE #3,
6	REBUILD RETAINING WALL
7	NEW RETAINING WALL FOO
8	4 FEET DEEP ELEVATOR
9	3 FEET SQUARE BLOCKOU
10	[E] RETAINING WALL WITH
(11)	NEW CONCRETE STEPS, S
(12)	6" THICK CONC. HOUSEKE MECHANICAL DRAWINGS AN

NDATION MAT WITH $\#7 \otimes 8$ N-S DIRECTION, TOP AND BOTTOM; E-W DIRECTION, TOP AND BOTTOM.

IOTE #1, SECOND POUR. IOTE #1, THIRD POUR.

NINING WALLS, SEE 4.3B FOR REINFORCING, FIRST POUR.

NOTE #2, U.O.N., SECOND POUR. NOTE #2, WALL, THIRD POUR.

NOTE #2, WALL.

RETAINING WALL AND STEPPED FOOTING THIS EXTENT, AFTER BACKFILL THIS AREA.

NOTE #3, STEPPED FOOTING TO BE REMOVED AS SHOWN.

ING WALL WITH NEW FOOTING.

WALL FOOTING. LEVATOR PIT.

E BLOCKOUT, SEE <u>5.2P</u> FOR REINFORCING.

WALL WITH STEP FOOTING TO REMAIN.

STEPS, SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS.

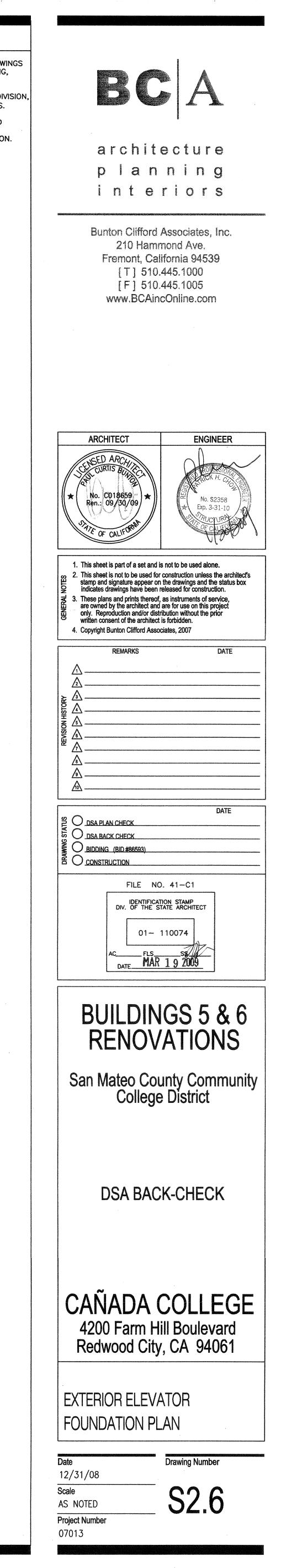
HOUSEKEEPING PAD, SEE ARCHITECTURAL AND AWINGS AND <u>5.1P</u>, <u>5.1Q</u> FOR DETAILS.

SHEET NOTES

REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

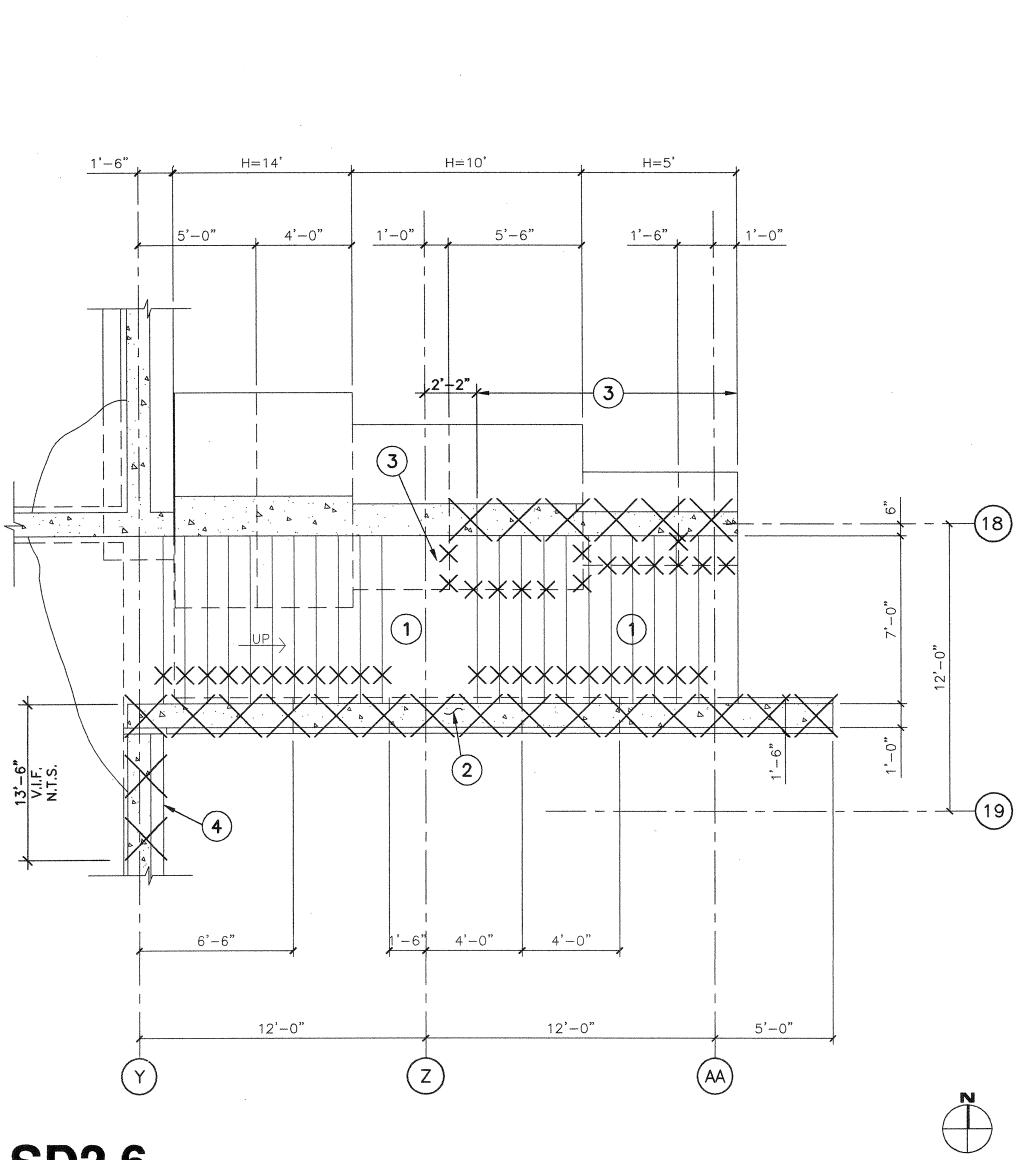
SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION, ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION.



* 4 . ×

ж.



SD2.6 STAIR DEMOLITION PLAN

KEY	NOTES		
1	REMOVE	EXISTING	STEPS
2	REMOVE	EXISTING	RETAINI
3	REMOVE	EXISTING	STEPPE
4	REMOVE	EXISTING	CONCRE

S ON GRADE AND INTERMEDIATE LANDING.

INING WALL.

PED FOOTING AND STEM WALL THESE EXTENT.

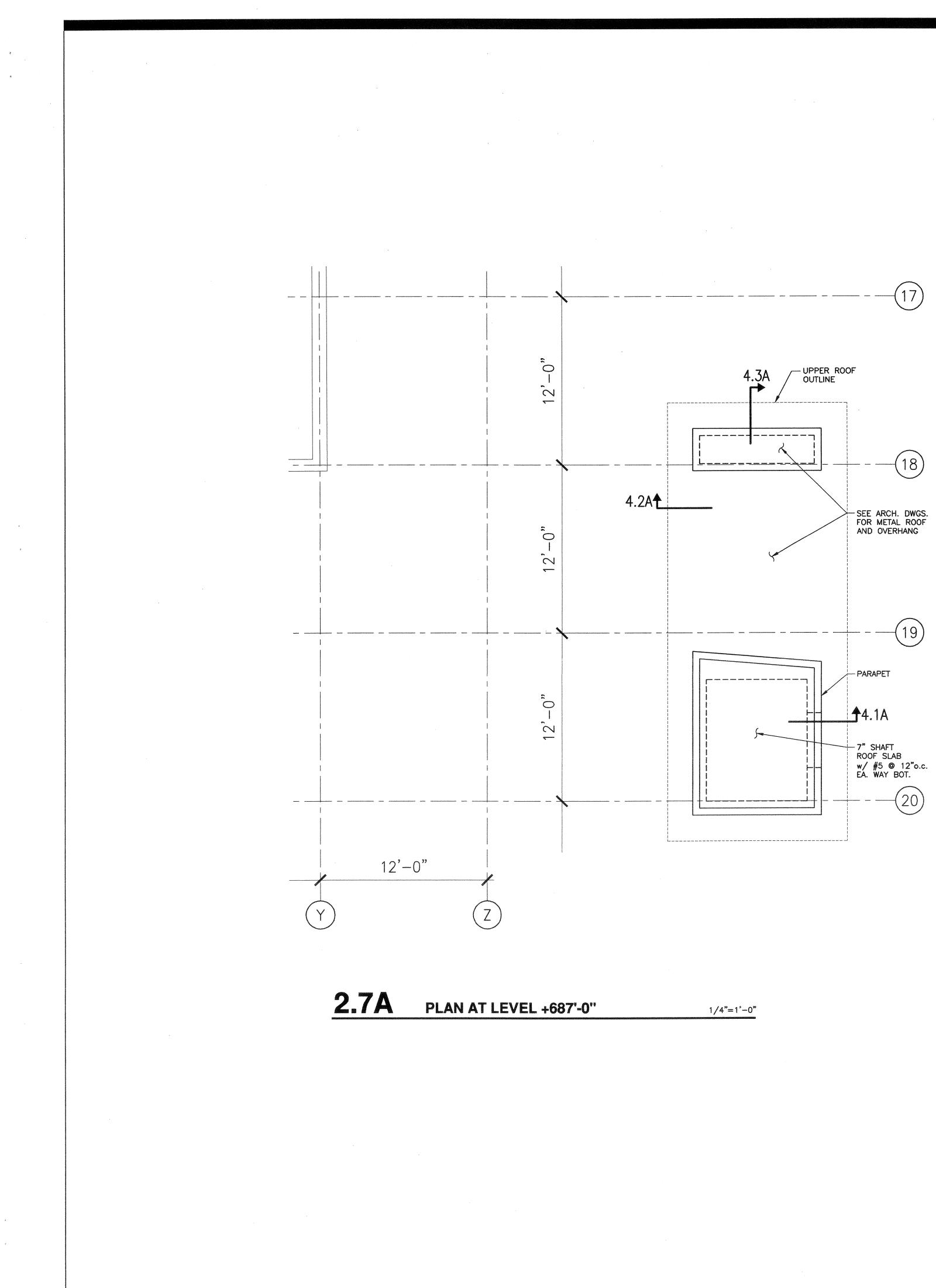
RETE WALL AND RAILING.

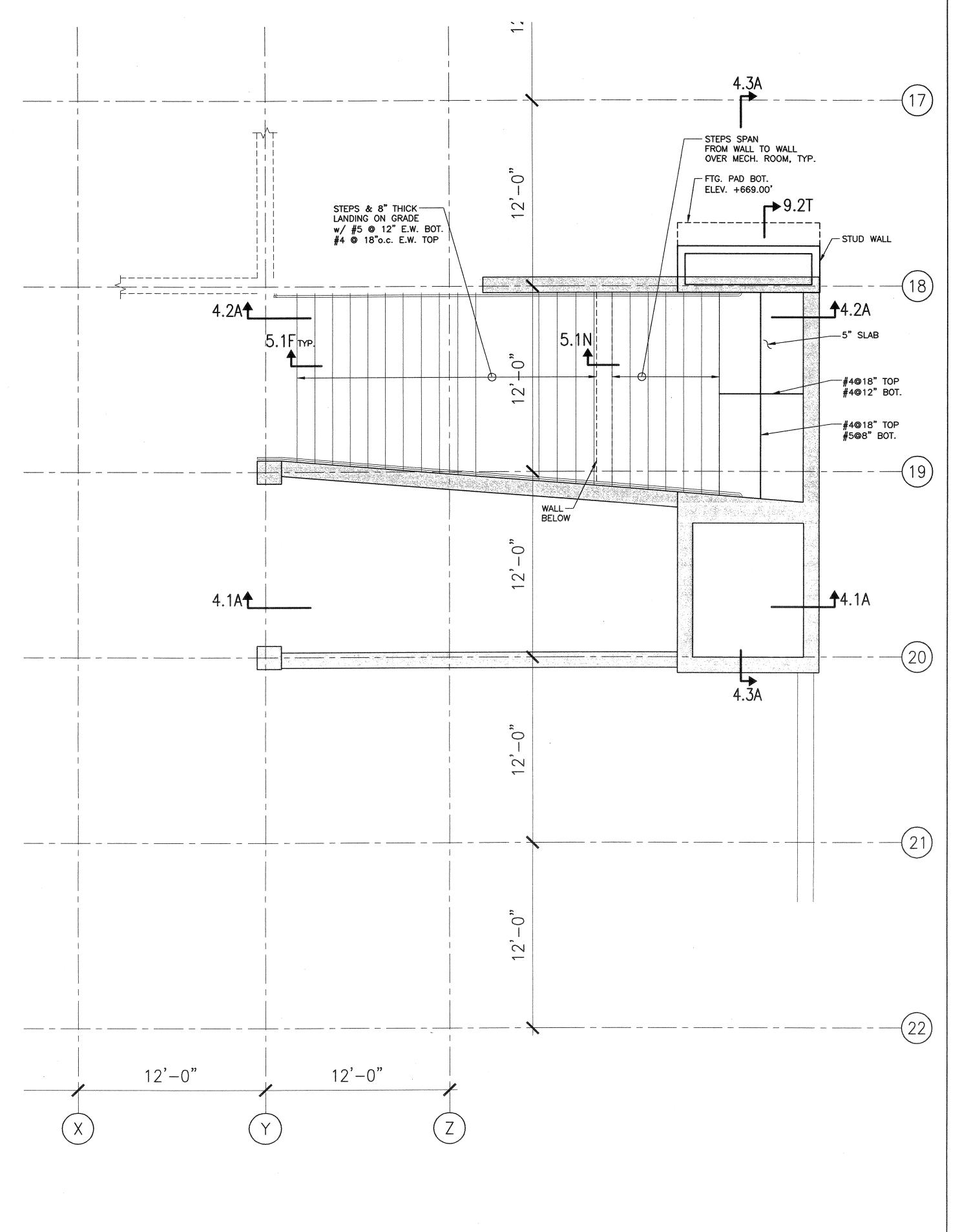
1/4"=1'-0"

SHEET NOTES

REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS. SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION, ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

BCA architecture planning interiors Bunton Clifford Associates, Inc. 210 Hammond Ave. Fremont, California 94539 [T] 510.445.1000 [F] 510.445.1005 www.BCAincOnline.com ARCHITECT ENGINEER 1. This sheet is part of a set and is not to be used alone. 2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction. 3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden. 4. Copyright Bunton Clifford Associates, 2007 REMARKS DATE DATE DSA PLAN CHECK DSA BACK CHECK DSA BACK CHECK DISA BACK CHECK DISA BACK CHECK DISA BACK CHECK DISA PLAN CHECK FILE NO. 41-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 01- 110074 AC_____FLS____SS__/ DATE__MAR_1_9_2089 BUILDINGS 5 & 6 RENOVATIONS San Mateo County Community College District DSA BACK-CHECK CAÑADA COLLEGE 4200 Farm Hill Boulevard Redwood City, CA 94061 FOUNDATION/STAIR DEMOLITION PLAN Drawing Number Date 12/31/08 Scale AS NOTED SD2.6 Project Number 07013





2.7B PLAN AT LEVEL +671'-0"

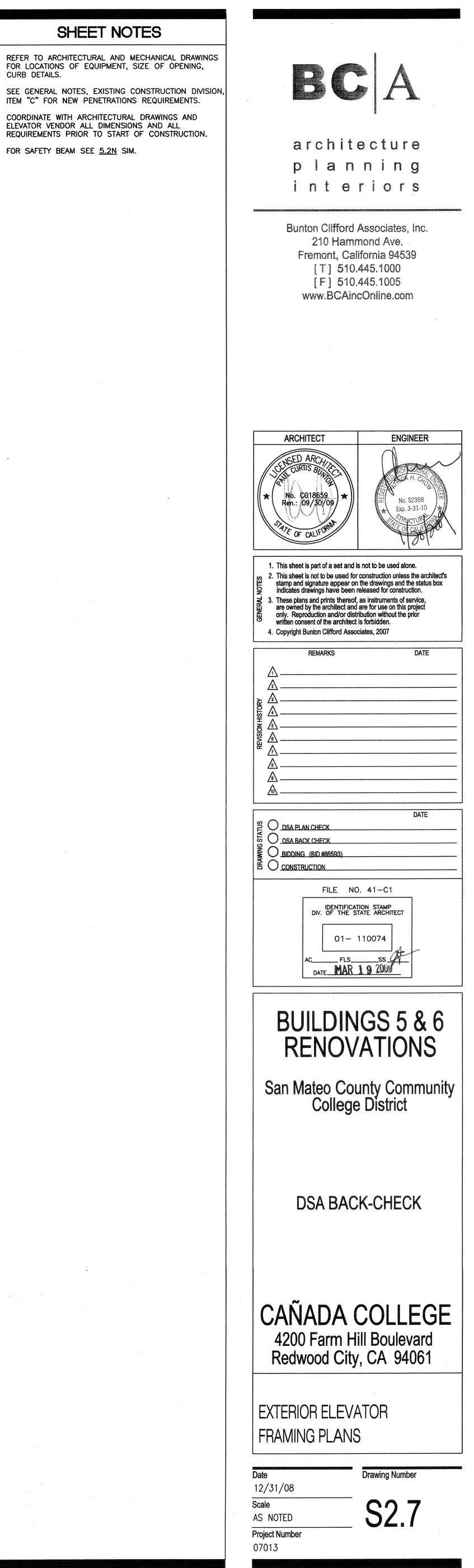
SHEET NOTES

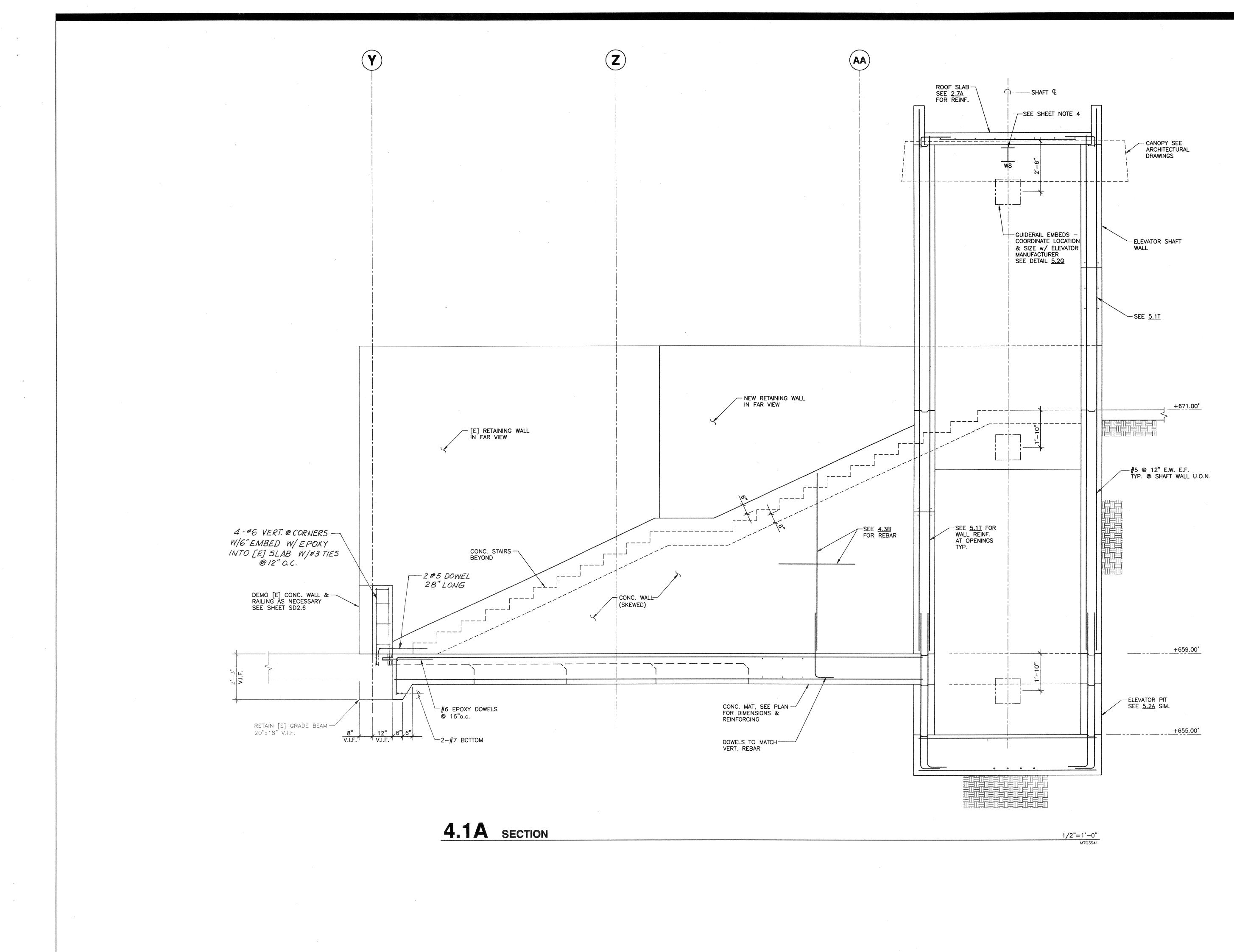
REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION. FOR SAFETY BEAM SEE 5.2N SIM.

1/4"=1'-0"





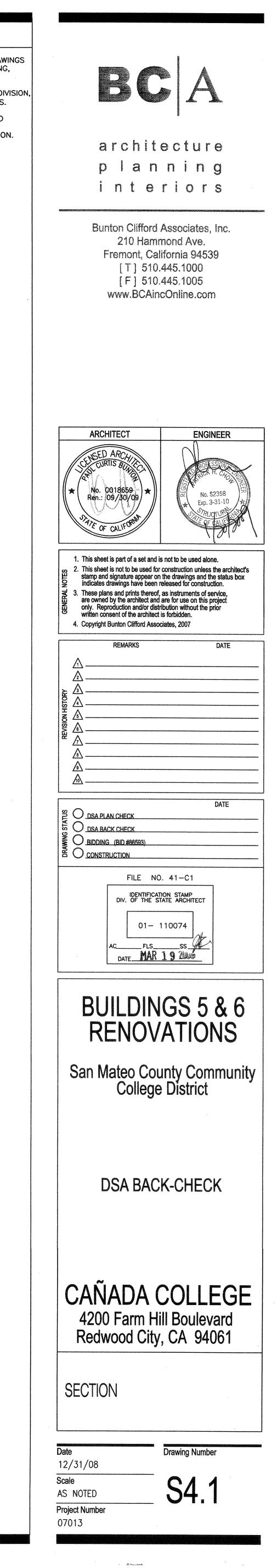
SHEET NOTES

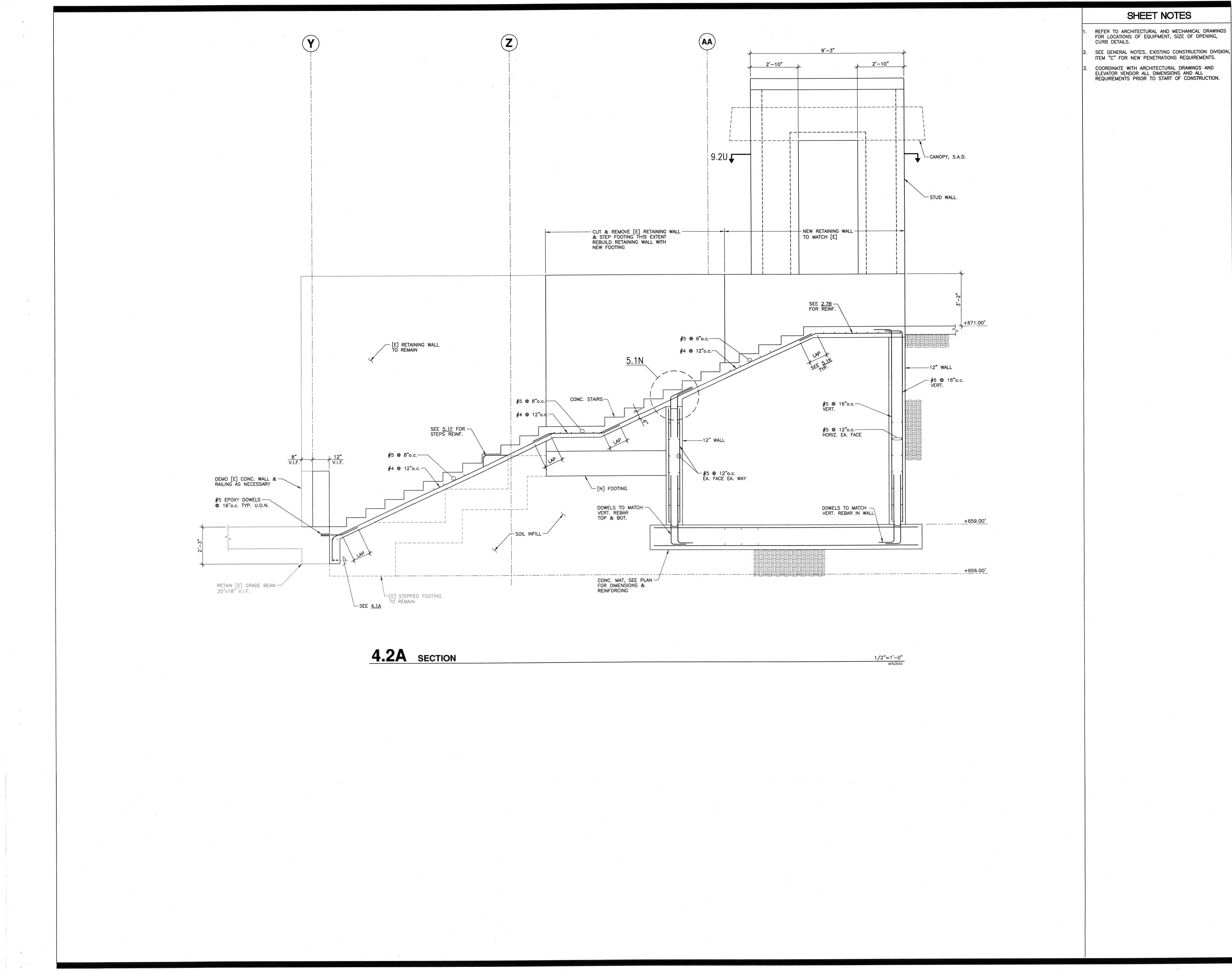
REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

SEE GENERAL NOTES, EXISTING CONSTRUCTION DIVISION, ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS.

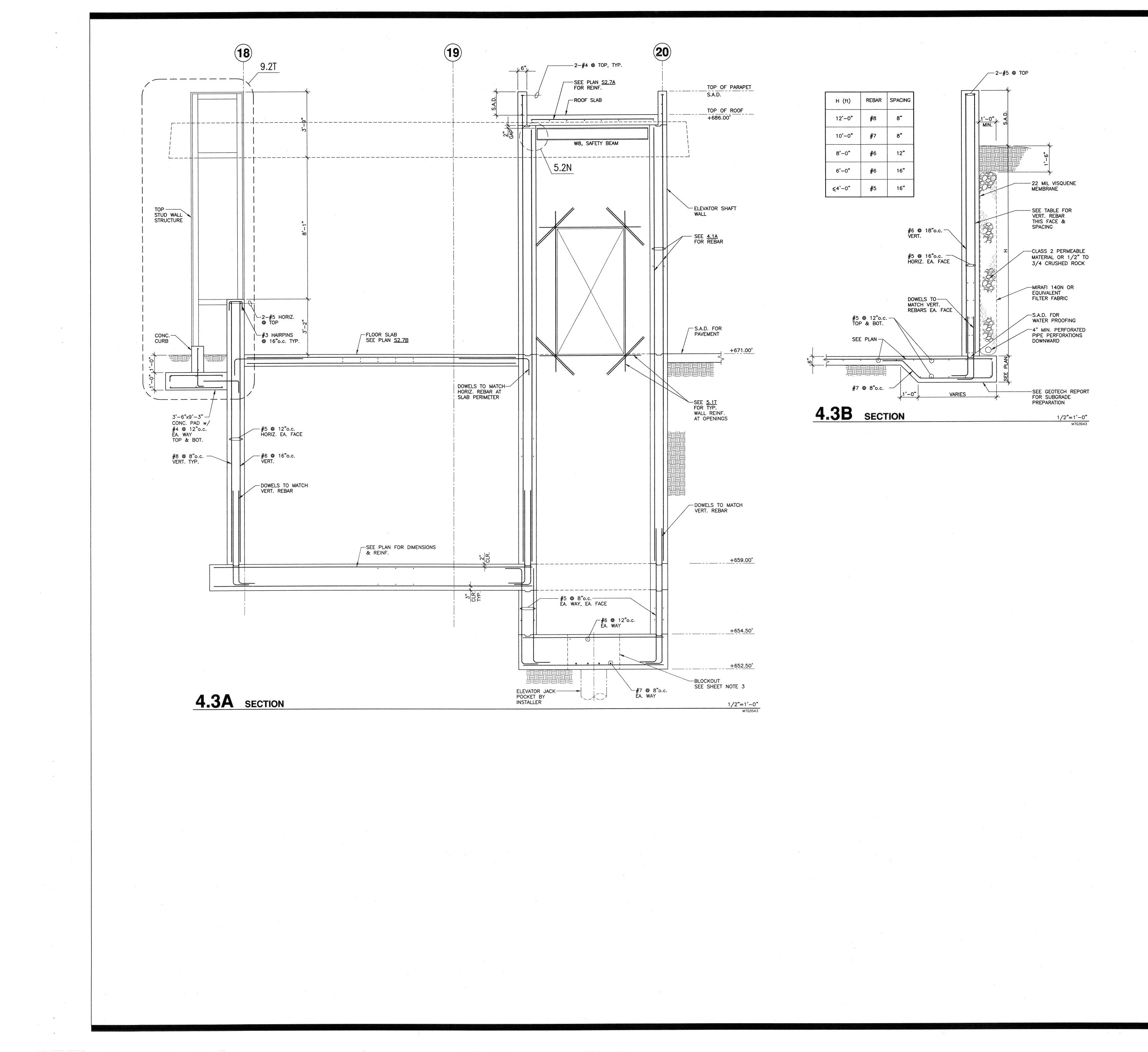
. COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION.

FOR SAFETY BEAM SEE <u>5.2N</u> SIM.





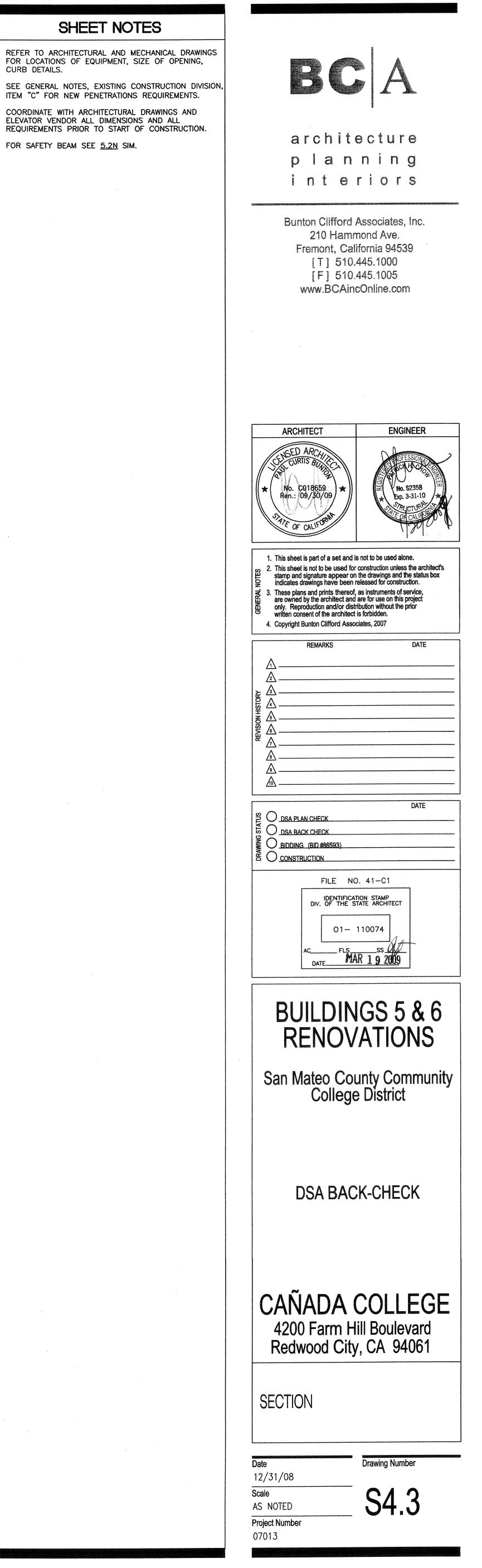
BCA architecture planning interiors Bunton Clifford Associates, Inc. 210 Hammond Ave. Fremont, California 94539 [T] 510.445.1000 [F] 510.445.1005 www.BCAincOnline.com ARCHITECT ENGINEER No. C018659 No. \$2358 Ren.: 09//30/ vn 3-31-1. This sheet is part of a set and is not to be used alone. 2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden. 4. Copyright Bunton Clifford Associates, 2007 DATE REMARKS DATE BIDDING (BID #86593) FILE NO. 41-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 01- 110074 TE FLSAR 1 9 2009 DATE____ BUILDINGS 5 & 6 RENOVATIONS San Mateo County Community College District DSA BACK-CHECK CAÑADA COLLEGE 4200 Farm Hill Boulevard Redwood City, CA 94061 SECTION Drawing Number Date 12/31/08 Scale S4.2 AS NOTED Project Number 07013

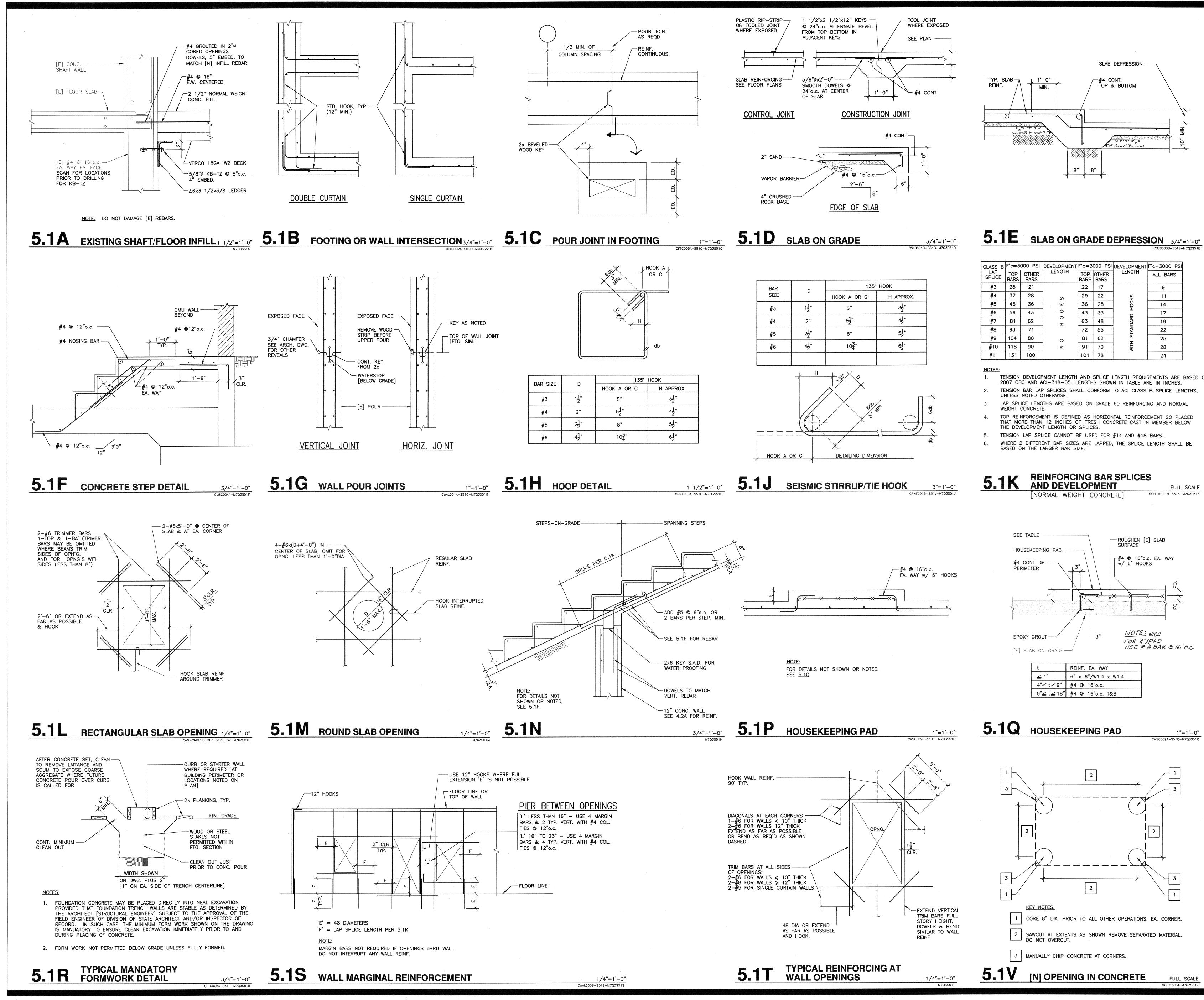


SHEET NOTES

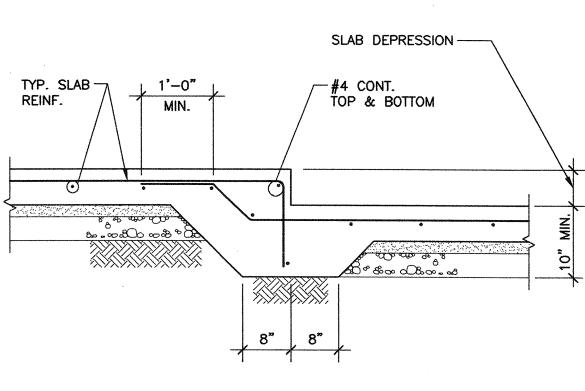
REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT, SIZE OF OPENING, CURB DETAILS.

ITEM "C" FOR NEW PENETRATIONS REQUIREMENTS. COORDINATE WITH ARCHITECTURAL DRAWINGS AND ELEVATOR VENDOR ALL DIMENSIONS AND ALL REQUIREMENTS PRIOR TO START OF CONSTRUCTION. FOR SAFETY BEAM SEE 5.2N SIM.





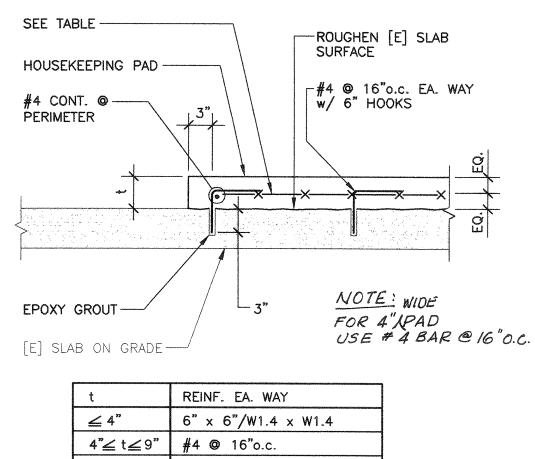
×.



CLASS B	F'c=3	000 PSI	DEVELOPMENT	F'c=3	000 PSI		F'c=3000 PSI
LAP SPLICE	TOP BARS	OTHER BARS	LENGTH	TOP BARS	OTHER BARS	LENGTH	ALL BARS
#3	28	21		22	17		9
#4	37	28	<u>ہ</u>	29	22	Ş	11
# 5	46	36	- x	36	28	HOOKS	14
# 6	56	43	0	43	33		17
# 7	81	62		63	48	STANDARD	19
# 8	93	71		72	55	IANI	22
# 9	104	80	0	81	62		25
# 10	118	90	z	91	70	WITH	28
#11	131	100		101	78	-	31

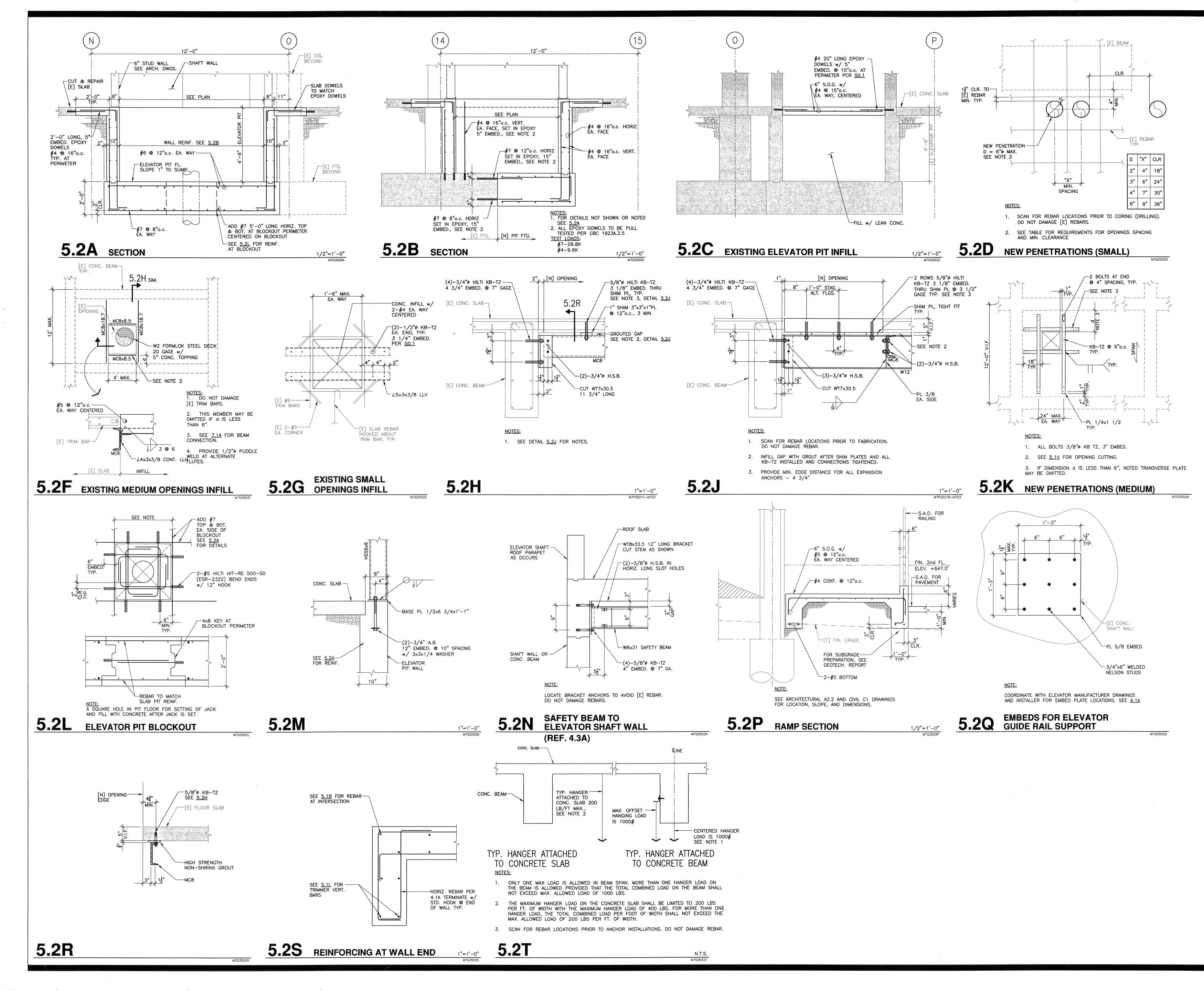
- 1. TENSION DEVELOPMENT LENGTH AND SPLICE LENGTH REQUIREMENTS ARE BASED ON 2007 CBC AND ACI-318-05. LENGTHS SHOWN IN TABLE ARE IN INCHES.
- TENSION BAR LAP SPLICES SHALL CONFORM TO ACI CLASS B SPLICE LENGTHS,

- WHERE 2 DIFFERENT BAR SIZES ARE LAPPED, THE SPLICE LENGTH SHALL BE BASED ON THE LARGER BAR SIZE.

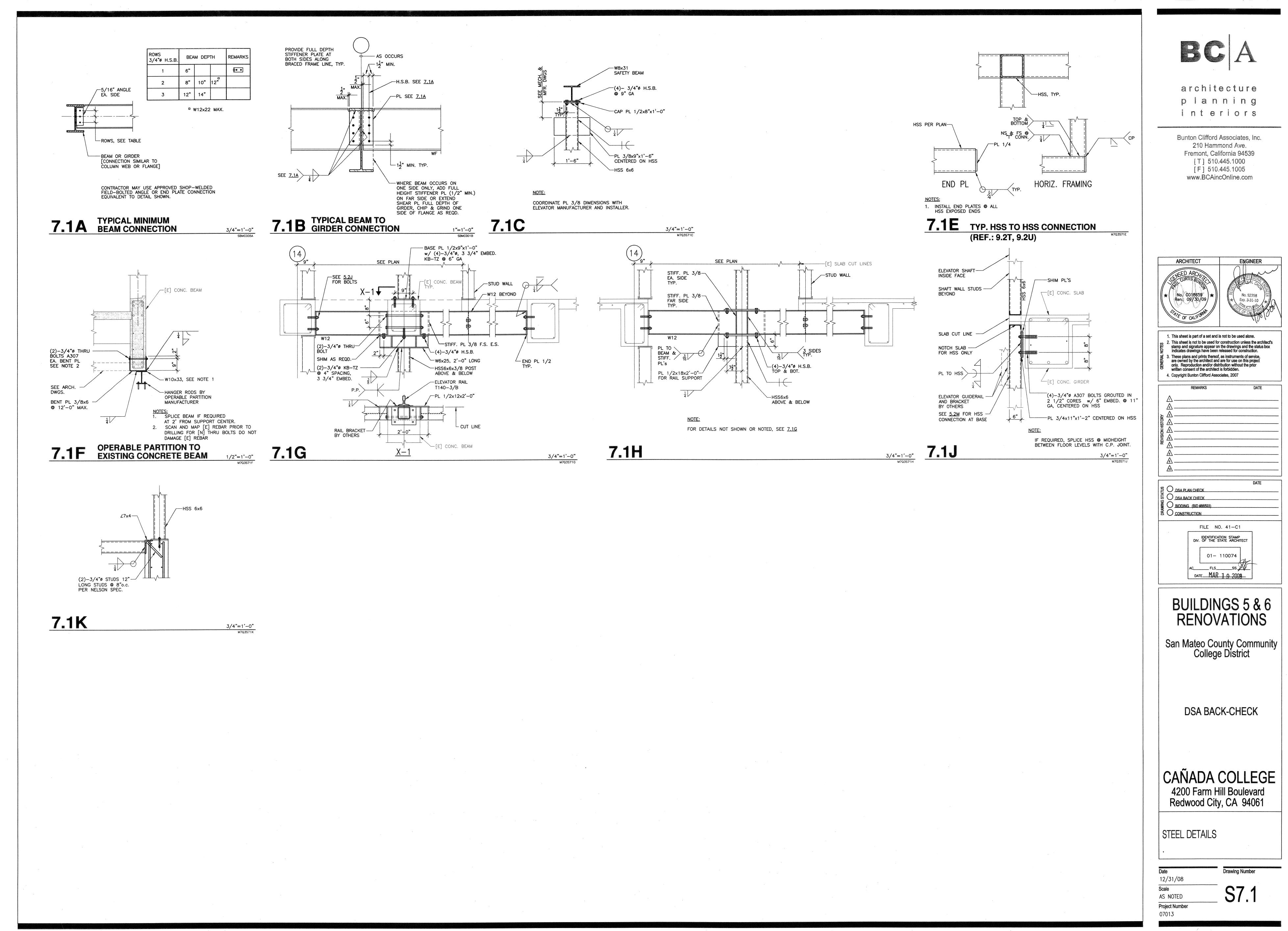


M8E7S21M-M7Q3S51V

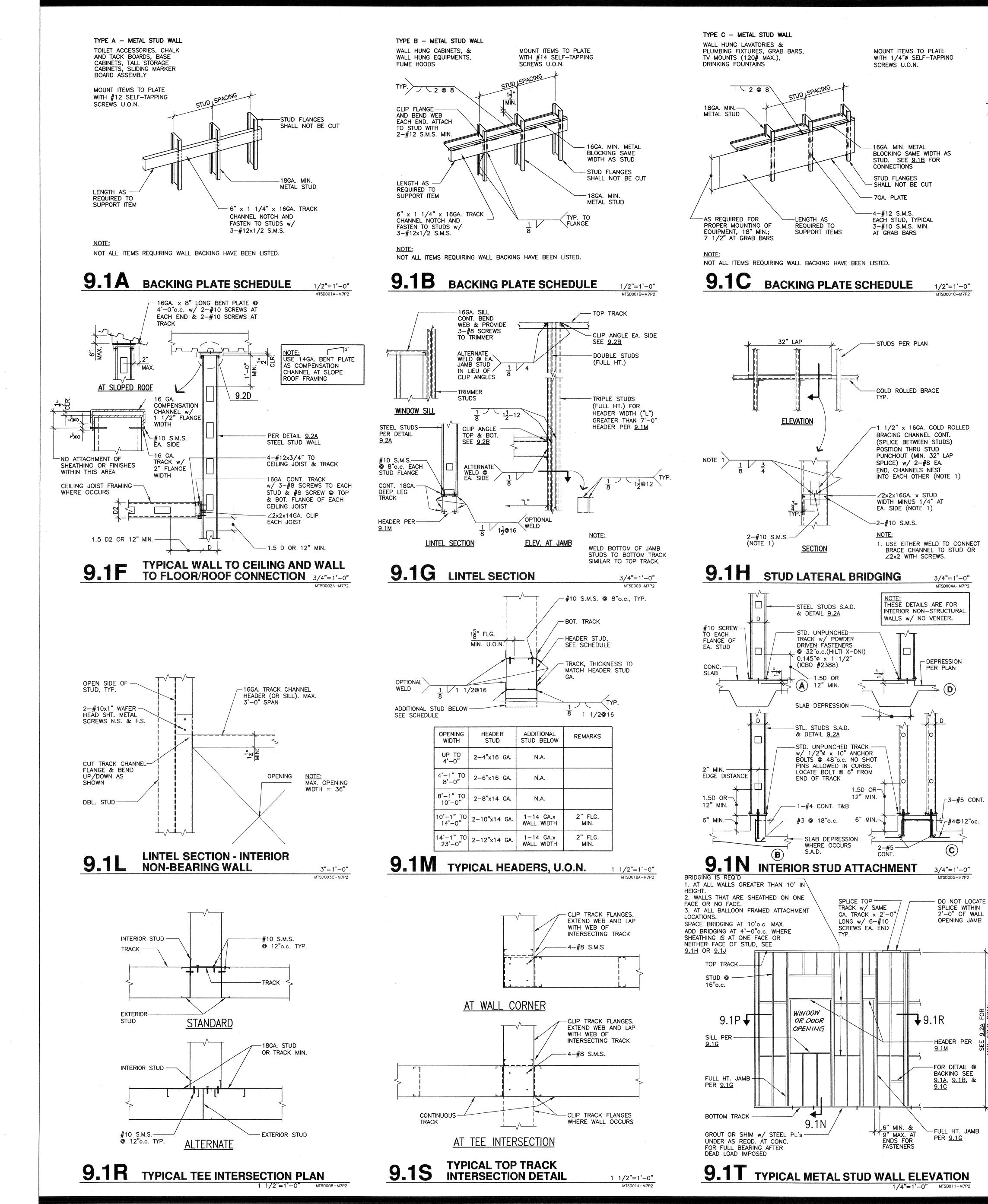
BCA architecture planning interiors Bunton Clifford Associates. Inc. 210 Hammond Ave. Fremont, California 94539 [T] 510.445.1000 [F] 510.445.1005 www.BCAincOnline.com ARCHITECT ENGINEER No. S2358 1. This sheet is part of a set and is not to be used alone. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction. 3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden. . Copyright Bunton Clifford Associates, 2007 REMARKS DATE DATE O BIDDING (BID #86593) FILE NO. 41-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITEC 01- 110074 DATE MAR 1 9 2009 BUILDINGS 5 & 6 RENOVATIONS San Mateo County Community College District DSA BACK-CHECK CAÑADA COLLEGE 4200 Farm Hill Boulevard Redwood City, CA 94061 CONCRETE DETAILS Drawing Number 12/31/08 S5. Scale AS NOTED Project Number 07013

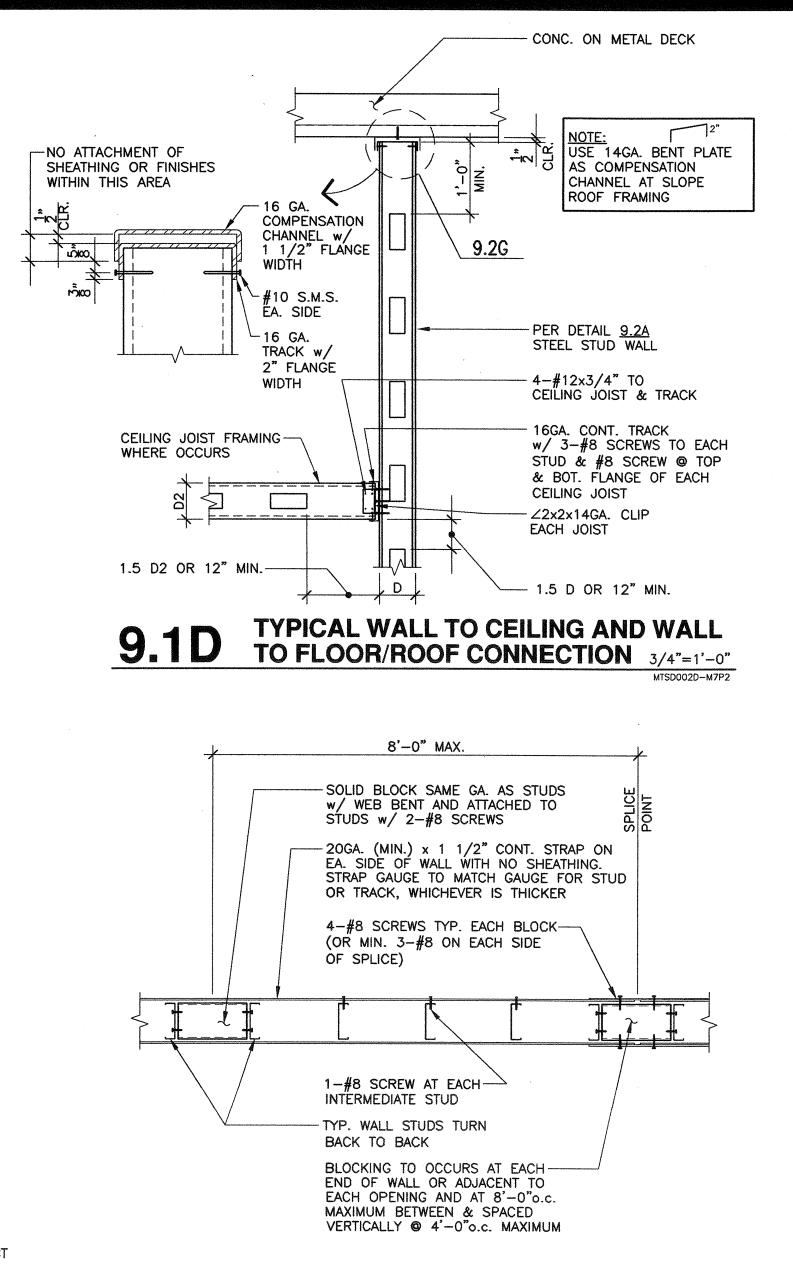


BC architecture planning interiors Bunton Clifford Associates, Inc. 210 Hammond Ave. Fremont, California 94539 [T] 510.445.1000 [F] 510.445.1005 www.BCAincOnline.com ARCHITECT ENGINEER 1. This sheet is part of a set and is not to be used alone. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden. 4. Copyright Bunton Clifford Associates, 2007 DATE REMARKS DATE O BIDDING (BID #86593) FILE NO. 41-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 01- 110074 ____ FLS____ DATE MAR 1 9 2009 BUILDINGS 5 & 6 RENOVATIONS San Mateo County Community College District DSA BACK-CHECK CAÑADA COLLEGE 4200 Farm Hill Boulevard Redwood City, CA 94061 CONCRETE DETAILS Drawing Number Date 12/31/08 Scale S5.2 AS NOTED Project Number 07013

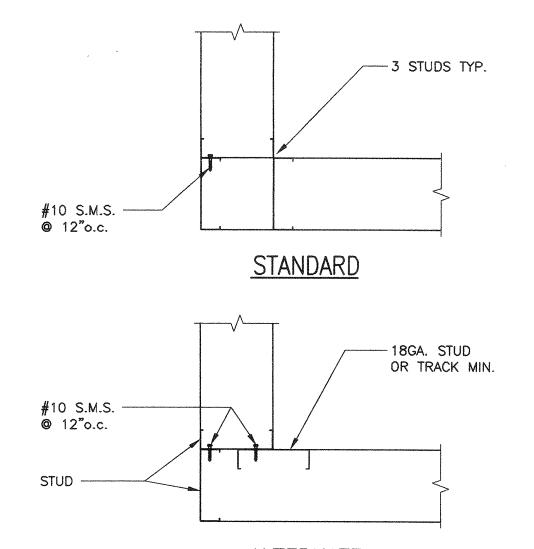


\$



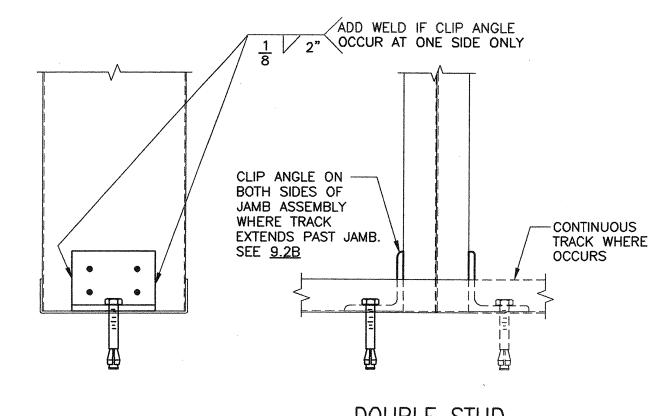


TYPICAL WALL AND CEILING BRIDGING OR BLOCKING 9.1J $3/4^{*}=1^{\prime}-0^{*}$ MTSD004B-M7P2



<u>ALTERNATE</u>





DOUBLE STUD



BC architecture planning interiors Bunton Clifford Associates, Inc. 210 Hammond Ave. Fremont, California 94539 [T] 510.445.1000 [F] 510.445.1005 www.BCAincOnline.com ENGINEER ARCHITECT No. CO18659 Vo. \$2358 Ren.: 09/30/09 -Xp. 3-31-11 This sheet is part of a set and is not to be used alone. 2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction. 3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden. 4. Copyright Bunton Clifford Associates, 2007 DATE REMARKS DATE O BIDDING (BID #86593) CONSTRUCTION FILE NO. 41-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 01- 110074 AC_____FLS____SS/AC_____ DATE___MAR_1.9.2009 BUILDINGS 5 & 6 RENOVATIONS San Mateo County Community College District DSA BACK-CHECK CAÑADA COLLEGE 4200 Farm Hill Boulevard Redwood City, CA 94061 LIGHT GAGE STEEL TYPICAL DETAILS Drawing Number Date 12/31/08 Scale **S9.1** AS NOTED Project Number 07013

- NOTES: ALL STRUCTURAL STUD WALL FRAMING SHALL CONFORM TO A.S.T.M. A653 1. GRADE "A" WITH A MIN. YIELD STRENGTH OF 33,000 PSI AS MANUFACTURED IN ACCORDANCE w/ I.C.C. ER #4943P, OR APPROVED EQUAL - 50 KSI FOR 16GA. & HEAVIER MEMBERS.
- ALL STUD, TRACK, AND BRIDGING CONNECTIONS SHALL BE WELDED BY CERTIFIED WELDERS. COMPLY WITH CBC SECTION 2231A.4 AND
- 2231A.5. ALL STRUCTURAL METAL STUDS SHALL BE 18GA. UNLESS OTHERWISE 3.
- NOTED, WITH MIN. SECTION PROPERTIES AS FOLLOWS. WALLS TO RECEIVE FINISH ON ONE SIDE OR NO FINISH SHALL BE BRACED 4
- PER DET. <u>9.1J</u>

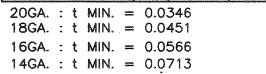
2

*

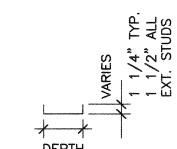
*

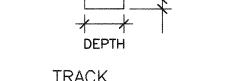
- NO PUNCHOUT SHALL BE ALLOWED WITHIN 1.5d (d=STUD DEPTH) OF BOTTOM, TOP, OR REACTION POINT ALONG THE LENGTH OF STUD. 5.
- 6. SEE ARCHITECTURAL PLANS FOR INTERIOR WALL FRAMING. (NO WELDING INSPECTION REQUIRED ON NON STRUCTURAL WALLS.)
- 7. ALL HOLES FOR BOLTS SHALL BE 1/16" GREATER IN DIAMETER THAN
- BOLT DIAMETER. REFER TO I.C.C. ER #4943P FOR STUD, TRACK OR JOIST DESIGNATION., 8.
- ESR-1042 FOR SLIP TRACK "SLP-TRK"
- FOR LIGHT GAGE STUDS AND CONNECTION DETAILS NOT SHOWN, SEE 9 ARCHITECTURAL DRAWINGS.

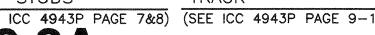
STEEL STUD PROPERTIES AND APPLICATION									
STUD OR TRACK	o.c.	DEPTH	GA.	EXT. WALL & INT. VENEERED WALL (4" THICK) (25PSF, L/240)	INT. VENEERED WALL (4" THICK) (15PSF, L/360)	INTERIOR PARTITIONS (5PSF, L/240)	lx GROSS	Sx GROSS	ly GROSS
362S 137-54 STUD	16"	35"	16	//'-4"	11'- 9"	19'-6"	0.756	0.417	0.091
400,5 162-33 STUD	16"	4"	20	11'-0"	11'-5"	18-11"	0.892	0.446	0.061
600S 162-33 STUD	16"	6"	20	15'-2"	15'-9"	26'-0"	1.793	.598	.116
600S 162-54 STUD	12"	6"	16	19'—6"	20'-3"	33'-6"	2.86	.953	.18
800S162-68 STUD (HDR)		8"	14				7.089	1.772	.235
1000S162-68 STUD (HDR)		10"	14		_		12.325	2.465	.246
1200S162-68 STUD (HDR)		12"	14	-			19.518	3.253	.255
362T 125-54 TRACK		35" 38	16	-	_		0.723	0.378	0.048
362T 150-54 TRACK		3 <u>5</u> "	16				.823	.431	.08
600T 125-54 TRACK		6"	16				2.344	0.756	0.054
600T 150-54 TRACK		6"	16				2.611	.843	.091
SLP-TRK 3,625		35" 38	16				.325	.110	1.225
SLP-TRK 6,000	6000	6"	16	aina	_		.378	.111	3.003

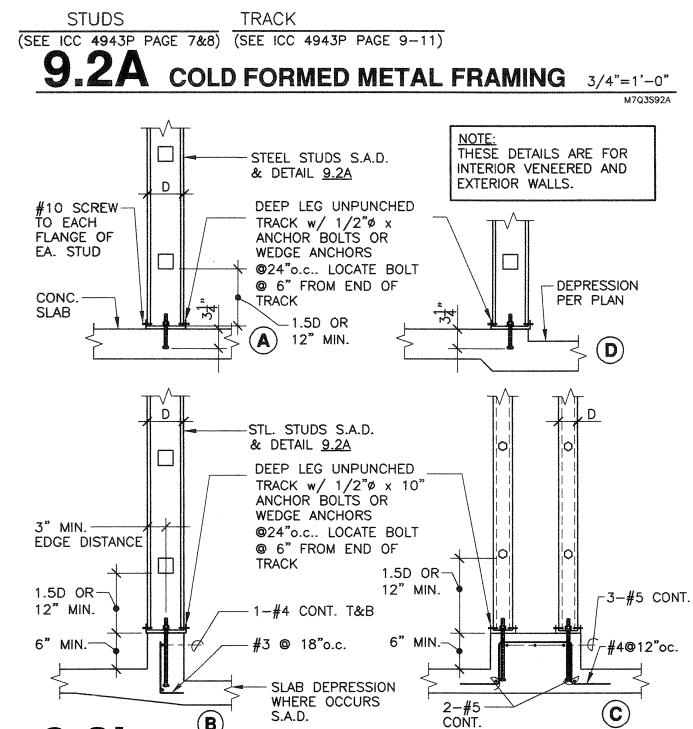


*** DEPTH

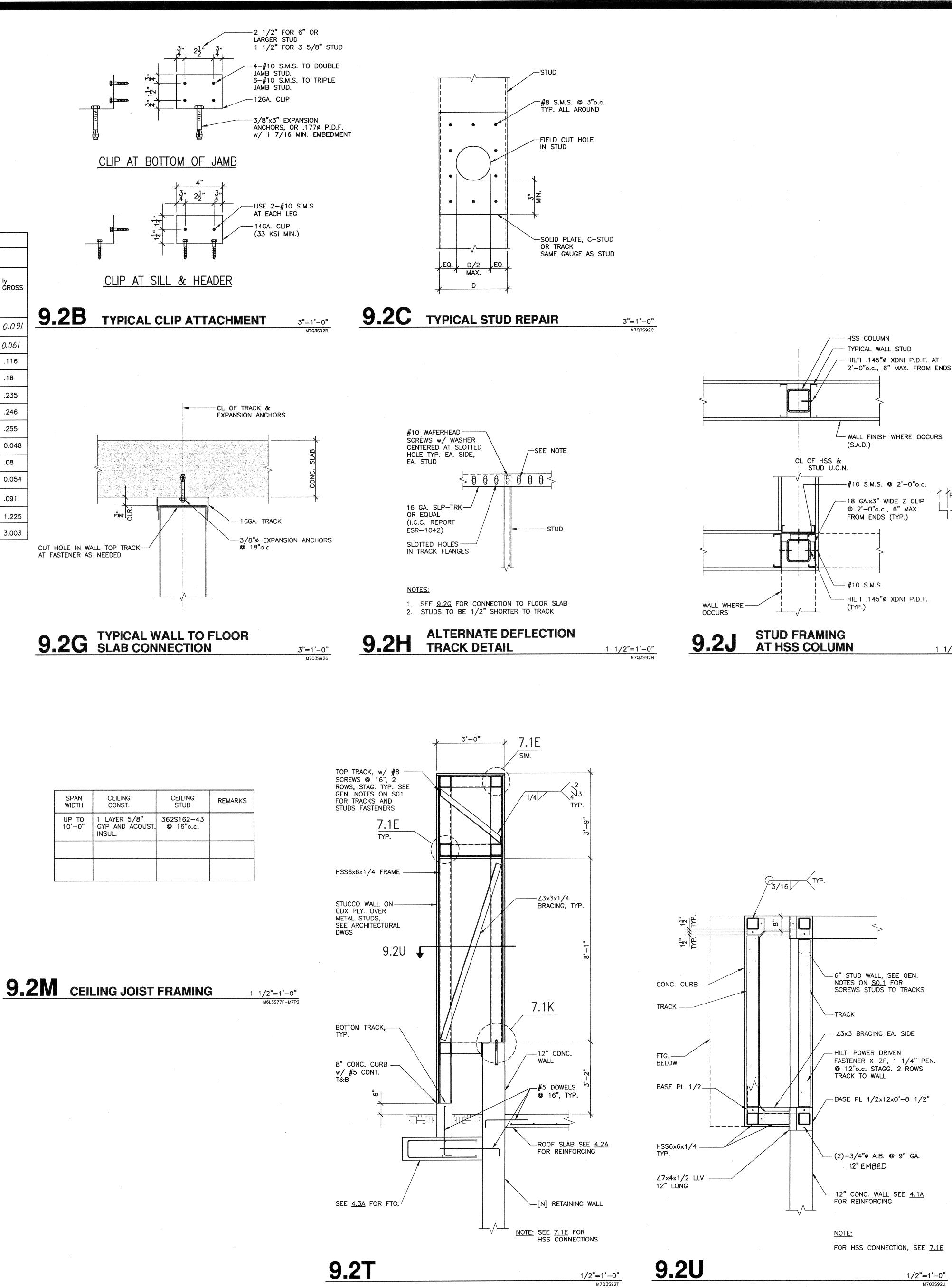






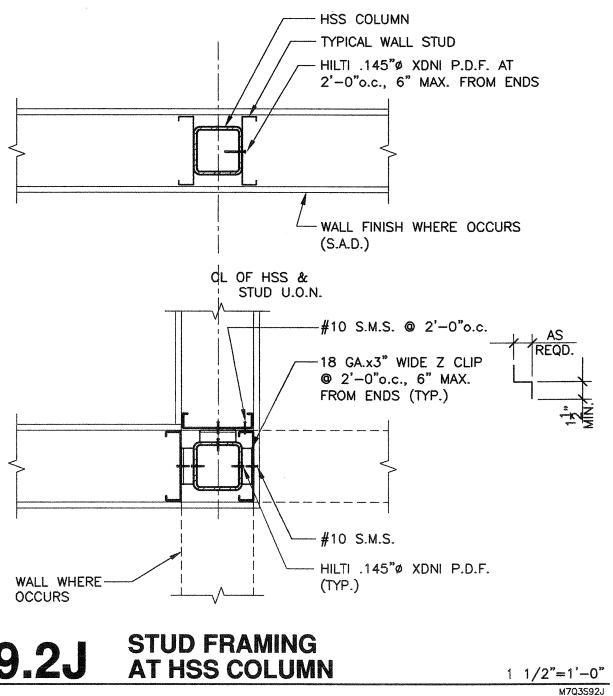


9.2L EXTERIOR STUD ATTACHMENT



SPAN WIDTH	C C
UP TO 10'-0"	1 LA GYP INSU

3/4"=1'-0"



BC architecture planning interiors Bunton Clifford Associates, Inc. 210 Hammond Ave. Fremont, California 94539 [T] 510.445.1000 [F] 510.445.1005 www.BCAincOnline.com ARCHITECT ENGINEER NSED ARC No. C018659 Ren.: 09/30/09 No. \$2358 Exp. 3-31-10 1. This sheet is part of a set and is not to be used alone. 2. This sheet is not to be used for construction unless the architect's stamp and signature appear on the drawings and the status box indicates drawings have been released for construction. 3. These plans and prints thereof, as instruments of service, are owned by the architect and are for use on this project only. Reproduction and/or distribution without the prior written consent of the architect is forbidden. 4. Copyright Bunton Clifford Associates, 2007 REMARKS DATE O BIDDING (BID #86593) FILE NO. 41-C1 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT 01- 110074 ____FLS____SS___ DATE MAR 1 9 2009 BUILDINGS 5 & 6 RENOVATIONS San Mateo County Community College District DSA BACK-CHECK CAÑADA COLLEGE 4200 Farm Hill Boulevard Redwood City, CA 94061 LIGHT GAGE STEEL DETAILS Drawing Number Date 12/31/08 Scale S9.2 AS NOTED Project Number 07013