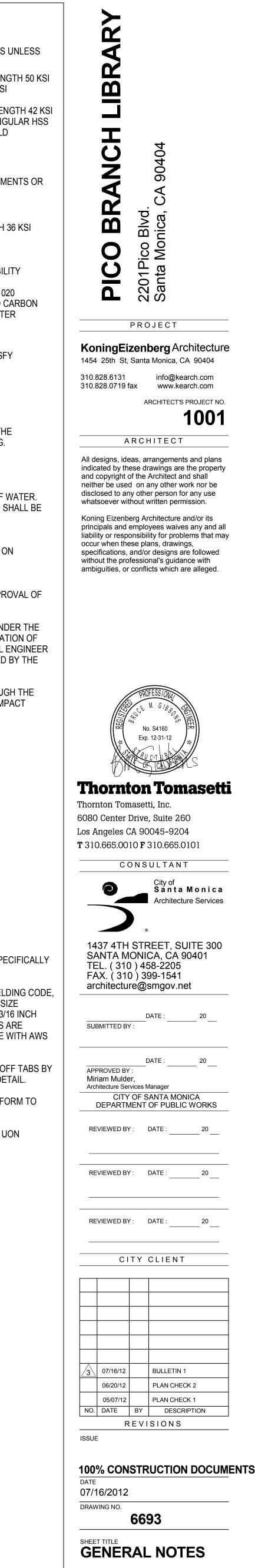
	GENERAL REQUIREMENTS	<u>CD</u>	CODES AND DESIGN CRITERIA
	AS USED IN THESE GENERAL NOTES: "DRAWINGS" MEANS THE LATEST STRUCTURAL DESIGN DRAWINGS, UON. "SPECIFICATIONS" MEANS THE LATEST PROJECT SPECIFICATIONS, UON. "CONTRACT DOCUMENTS" IS DEFINED AS THE DESIGN DRAWINGS AND THE SPECIFICATIONS.	CD-1	PERFORM ALL CONSTRUCTION IN CONFORMA CODES REFERENCED WITHIN THESE DOCUME TO THE FOLLOWING CODES AND STANDARDS 2010 CALIFORNIA BUILDING CODE (CBC) REFE
	"SER" IS DEFINED AS THE STRUCTURAL ENGINEER OF RECORD FOR THE STRUCTURE IN ITS FINAL CONDITION. "DESIGN PROFESSIONALS" IS DEFINED AS THE OWNER'S ARCHITECT AND SER. "MEP" INCLUDES, BUT IS NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION.		BUILDING CODE, WITH SANTA MONICA MUNIC <u>STRUCTURAL CONCRETE:</u> "BUILDING CODE REQUIREMENTS FOR STRUC CONCRETE INSTITUTE (ACI 318-2008)
	"CONTRACTOR" IS DEFINED TO INCLUDE ANY OF THE FOLLOWING: GENERAL CONTRACTOR AND THEIR SUBCONTRACTORS, CONSTRUCTION MANAGER AND THE SUBCONTRACTORS, STRUCTURAL STEEL FABRICATOR OR STRUCTURAL STEEL ERECTOR. "BASE BUILDING STRUCTURE" IS DEFINED AS THE STRUCTURAL FRAME DESIGNED BY		<u>STRUCTURAL STEEL:</u> "SPECIFICATION FOR STRUCTURAL STEEL BU EDITION CONFORMING TO THE PROVISIONS O THE AMERICAN INSTITUTE OF STEEL CONSTR
	THORNTON TOMASETTI. "STRUCTURE IN ITS FINAL CONDITION" MEANS ALL STRUCTURAL ELEMENTS SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS ARE INSTALLED AND COMPLETELY CONNECTED AND INSPECTED WITH NO OUTSTANDING NON-COMPLIANCE ISSUES.		<u>WOOD:</u> NATIONAL DESIGN SPECIFICATION FOR WOO STANDARDS INSTITUTE / AMERICAN FOREST (ANSI/AF&PA NDS-2005)
GR-2	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE STRUCTURAL WORK WITH THE ARCHITECTURAL, CIVIL, MEP CONTRACT DOCUMENTS, AS WELL AS ANY OTHER APPLICABLE TRADES.	CD-2	LIVE LOADS:
GR-3	THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE UNTIL THE CONSTRUCTION OF THE STRUCTURE REACHES ITS FINAL CONDITION.	CD-3	ROOFS <u>SUPERIMPOSED DEAD LOADS:</u> ROOFING, MEP, CEILING
GR-4	THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, INSTALLATION, AND REMOVAL OF TEMPORARY BRACING AND CONSTRUCTION SUPPORTS, FOR NEW AND	CD-4	<u>SNOW LOADS:</u> N/A
	EXISTING STRUCTURES, AS NECESSARY TO COMPLETE THE PROJECT. NO PORTION OF THE PROJECT WHILE UNDER CONSTRUCTION IS INTENDED TO BE STABLE IN THE ABSENCE OF THE CONTRACTOR'S TEMPORARY SUPPORTS AND BRACES. CONTRACTOR SHALL RETAIN A STRUCTURAL ENGINEER LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED TO DESIGN TEMPORARY BRACING AND CONSTRUCTION SUPPORTS.	CD-5	<u>WIND LOAD DESIGN DATA:</u> MAIN WIND FORCE RESISTING SYSTEM BASIC WIND SPEED, V EXPOSURE WIND IMPORTANCE FACTOR (Iw)
GR-5	LATERAL LOAD RESISTANCE AND STABILITY OF THE STRUCTURE IN ITS FINAL CONDITION IS PROVIDED BY SHEARWALLS AND LATERAL STABILITY OF OTHER ELEMENTS IS PROVIDED THROUGH ROOF SHEATHING.		TOPOGRAPHIC FACTOR BUILDING OCCUPANCY CATEGORY INTERNAL PRESSURE COEFFICIENT
GR-6	THE SPECIFICATIONS ARE AN INTEGRAL PART OF THE CONTRACT DOCUMENTS AND SHALL BE USED IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS.	CD-6	<u>SEISMIC LOAD DESIGN DATA:</u> SEISMIC IMPORTANCE FACTOR (I) SEISMIC USE GROUP
GR-7	THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS AND COORDINATE WITH THE STRUCTURAL DRAWINGS, ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER CONSULTANTS, PROJECT SHOP DRAWINGS AND FIELD CONDITIONS.		S_{B} S_{DS} S_{D1} SITE CLASS
GR-8	IN CASES OF CONFLICT BETWEEN DRAWINGS AND/OR SPECIFICATIONS AND OTHER DISCIPLINES OR EXISTING CONDITIONS, CONTRACTOR SHALL NOTIFY THE DESIGN PROFESSIONALS AND OBTAIN CLARIFICATION PRIOR TO BIDDING AND PROCEEDING WITH WORK.		SEISMIC DESIGN CATEGORY ANALYSIS PROCEDURE DESCRIPTION <u>SEISMIC LOAD RESISTING SYSTEM (SLRS) :</u> RESPONSE MODIFICATION FACTOR (R)
GR-9	APPLY DETAILS, SECTIONS, AND NOTES ON THE DRAWINGS WHERE CONDITIONS ARE SIMILAR TO THOSE INDICATED BY DETAIL, DETAIL TITLE OR NOTE.		SYSTEM OVERSTRENGTH (Ω_0) DEFLECTION AMPLIFICATION FACTOR (C_D) SEISMIC RESPONSE COEFFICIENT (C_S)
GR-10 GR-11	ONLY USE DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE DRAWINGS. ASSUME EQUAL SPACING BETWEEN ESTABLISHED DIMENSIONS, IF NOT INDICATED ON DRAWINGS.		$\frac{\text{SEISMIC LOAD RESISTING SYSTEM (SLRS):}{\text{RESPONSE MODIFICATION FACTOR (R)}}{\text{SYSTEM OVERSTRENGTH }(\Omega_0)} \\ \text{DEFLECTION AMPLIFICATION FACTOR }(C_D) \\ \text{SEISMIC RESPONSE COEFFICIENT }(C_S) \\ \end{array}$
GR-12	CENTERLINES OF COLUMNS AND FOUNDATIONS COINCIDE WITH GRID LINE INTERSECTIONS, UON.		LONGITUDE:
GR-13	CENTERLINES OF GRADE BEAMS AND WALLS COINCIDE WITH CENTERLINES OF FOUNDATIONS, UON.	CD-7	IN CASES WHERE THE CONTRACTOR DETERM MOUNTED MEP EQUIPMENT LOADS EXIST WH
GR-14 GR-15	CENTERLINES OF FRAMING MEMBERS COINCIDE WITH COLUMN CENTERLINES, UON. THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, STRUCTURES AND		ON CONTRACT DOCUMENTS, CONTRACTOR S PROFESSIONALS FOR REVIEW PRIOR TO PRO
GR-16	UTILITIES FROM DAMAGE. THE CONTRACTOR SHALL VERIFY THAT CONSTRUCTION LOADS DO NOT EXCEED THE CAPACITY OF THE STRUCTURE AT THE TIME THE LOAD IS APPLIED.	CD-8	DISTRIBUTE THE MAXIMUM LOAD HUNG FROM DUCTWORK, PIPING ETC OVER THE MEMBER' DESIGN SUPERIMPOSED DEAD LOADS LISTED EXCEEDED. THE CONTRACTOR SHALL COOR PROVIDE ADDITIONAL SUPPORT OR DISTRIBU
GR-17	THE CONTRACTOR SHALL COORDINATE THE BOTTOM OF BASE PLATE ELEVATIONS WITH THE AS-BUILT TOP OF SUPPORT ELEVATIONS.	CD-9	ACHIEVE THE ALLOWABLE LOAD DISTRIBUTIO
GR-18	THE CONTRACTOR SHALL VERIFY ALL OPENING SIZES AND LOCATIONS WITH OTHER DISCIPLINES. THE DRAWINGS DO NOT SHOW ALL OPENINGS REQUIRED. ADDITIONAL OPENINGS, BLOCKOUTS AND SLEEVES MAY BE REQUIRED BY OTHER DISCIPLINES AND SHALL BE CONSTRUCTED USING THE TYPICAL DETAILS AND/OR THE CRITERIA INDICATED ON THE DRAWINGS. OPENINGS REQUIRED BUT NOT SHOWN ON THE STRUCTURAL DRAWINGS MUST BE APPROVED BY THE STRUCTURAL ENGINEER.	CD-10	MOUNT VIBRATING EQUIPMENT ON VIBRATION SERVICEABILITY: LIVE LOAD DEFLECTION IS LESS THAN L/360
GR-19	NOT USED.	CD-11	EXTERIOR SPANDRELS HAVE BEEN DESIGNE DEFLECTION TO 1/360 OF THE SPAN OR 1/2", \ CONNECTIONS OF SYSTEMS DESIGNED BY C
GR-20	SEE ARCHITECTURAL, CIVIL, AND MEP CONTRACT DOCUMENTS FOR ADDITIONAL INFORMATION RELATING TO THE COORDINATION OF STRUCTURAL COMPONENTS INCLUDING, BUT NOT LIMITED TO: CIVIL:	00-11	NOT LIMITED TO, CLADDING, STAIRS, ELEVAT AND MEP LOADS ARE ASSUMED TO IMPOSE ON THE BASE BUILDING STRUCTURAL MEMBERS. OF FURNISHING AND INSTALLING ALL SUPPLEME
	SITING OF BUILDING GRID LINES WITH RESPECT TO CITY BENCHMARKS SITE PREPARATION BACKFILLING MATERIALS AND REQUIREMENTS PAVING AND SITE ELEMENTS OUTSIDE OF BUILDING ENVELOPE	CD-12	REQUIRED TO PREVENT TORSION ON THE BA FOR FIRE RATING AND FIREPROOFING ASSEM FOLLOWING ASSEMBLIES RESTRAINED: COM
	NEW AND EXISTING SITE UTILITIES ARCHITECTURAL: PLAN DIMENSIONS AND PROJECT DATUM SLAB EDGE DIMENSIONS		INTERIOR BAYS OF CONTINUOUS CAST-IN-PL/ CONSIDER ALL OTHER ASSEMBLIES UNREST
	FINISH ELEVATIONS WATERPROOFING AND DAMP-PROOFING DETAILS RAMP GEOMETRY, PITS, SLAB SLOPES AND DEPRESSIONS	SU	SUBMITTALS
	EMBEDMENTS, INSERTS, BLOCKOUTS, ETC. EXACT OPENING SIZES FOR PIPES, DUCTS, ETC. CONCRETE FINISHES AND TOPPING SLABS	SU-1	TWENTY WORKING DAYS PRIOR TO SUBMITT CONTRACTOR SHALL SUBMIT FOR STRUCTUR WHICH DETAILS THE ESTIMATED QUANTITY C
	CONCRETE CURBS AND HOUSEKEEPING PADS INTERIOR NON-STRUCTURAL MASONRY PARTITIONS FIRE RATINGS OPERABLE PARTITIONS MEP:		SHOP DRAWINGS WILL BE RECEIVED BY THE STRUCTURAL ENGINEER SHALL HAVE THE OF SCHEDULE AND SUBMIT COMMENTS TO THE DRAWING SCHEDULE SHALL BE DEVELOPED ENGINEER. IN ACCORDANCE WITH THE SHOP
	PIPE AND DUCT SIZES FOR OPENING AND SLEEVE COORDINATION FLOOR DRAINS UNDERFLOOR AND PERIMETER DRAINAGE SYSTEMS		STRUCTURAL ENGINEER WILL RETURN THE S WORKING DAYS AFTER HAVING RECEIVED TH
	EQUIPMENT CURBS CONDUITS AND EMBEDMENTS IN WALLS AND SLABS STRUCTURAL OBSERVATION SHALL COMPLY WITH CBC 2010 SECTION 1702 FOR FOUNDATIONS PRIOR TO FIRST POUR, STRUCTURAL STEEL AFTER ERECTION, SHEARWALL NAILING AND ROOF DIAPHRAGM NAILING. STRUCTURAL OBSERVATION IS	SU-2	 THE CONTRACTOR IS TO REVIEW EACH SUBM ARCHITECT AND STRUCTURAL ENGINEER. TO SUBMITTAL VERIFYING THAT THE FOLLOWING 1. THE SHOP DRAWING IS REQUESTED. 2. THE SHOP DRAWING IS BASED ON THE ID 3. THE ARCHITECT'S AND STRUCTURAL ED
	DEFINED AS THE VISUAL OBSERVATION FO THE STRUCTURAL SYSTEM BY A REGISTERED DESIGN PROFESSIONAL FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES AND AT COMPLETION OF THE STRUCTURAL SYSTEM. STRUCTRUAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INSPECTION REQUIRED BY SECTIONS 110, 1704 OR OTHER SECTIONS OF CBC.		 PREVIOUS SUBMITTALS ARE ADDRESSE 4. THE WORK IS COORDINATED AMONG AL 5. REVISIONS FROM PREVIOUS SUBMITTAL OR CLOUDS. 6. SUBMITTAL IS COMPLETE. 7. SUBMITTAL DOES NOT INCLUDE SUBSTI
Ň	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		 8. SUBMITTAL SHALL INCLUDE A STAMP IN LOCATION, SUBMITTAL NUMBER, SPECIF THE STRUCTURAL ENGINEER SHALL RETURN WHICH THE CONTRACTOR HAS NOT STAMPEI REQUIREMENTS. THE STRUCTURAL ENGINEER
			FOR GENERAL CONFORMANCE WITH THE DES STARTED WITHOUT SUCH REVIEW.
		SU-3	FOR COMPONENTS THAT REQUIRE ENGINEER NOTE ON EACH SHOP DRAWING, WRITTEN AN

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CRITERIA						LOCATION	COVER	SS	STRUCTURAL STEEL	
	CE WITH THE BUILDING AND DESIGN					CONCRETE CAST AGAINST AND	3"	SS-1	STEEL MATERIALS SHALL CONFORM TO TH OTHERWISE NOTED ON THE CONTRACT DC	E FOLLOWING MINIMUM REQUIREMENTS UNLESS
HESE DOCUMEN D STANDARDS, U	TS. THE PROJECT DOCUMENTS REFER					PERMANENTLY EXPOSED TO EARTH			ROLLED SHAPES AND CHANNELS:	ASTM A572 OR A992, MIN YIELD STRENGTH 50 K
(/	ENCING THE 2009 INTERNATIONAL					NO 5 BARS OR SMALLER NO 6 BARS OR LARGER	1 1/2" 2"		ANGLES FOR TRUSSES AND BRACES: MISCELLANEOUS ANGLES: HOLLOW STRUCTURAL SECTIONS:	ASTM A36 MIN YIELD STRENGTH 36 KSI ASTM A36 ASTM A500 CRADE B. MINI VIELD STRENGTH 424
	AL CODE AMENDMENTS					CONCRETE NOT EXPOSED TO WEATHER OR N CONTACT WITH GROUND			SEAMLESS PIPE:	ASTM A500 GRADE B, MIN YIELD STRENGTH 42 F FOR ROUND AND 46 KSI FOR RECTANGULAR HS ASTM A53 GRADE B, TYPE S, MIN YIELD
TS FOR STRUCTL -2008)	JRAL CONCRETE" THE AMERICAN	SU-4	THE FOLLOWING ITEMS REQUIRE SUBMITTALS FOR	STRUCTURAL REVIEW AS		SLABS, WALLS, JOISTS: NO 11 BARS OR SMALLER	3/4" 1 1/2"		PLATES:	STRENGTH 35 KSI. ASTM A572, GRADE 50
			OUTLINED IN THE SPECIFICATIONS: 03 10 00 S CALC CONCRETE FORM	WORK		NO 14 AND LARGER BEAMS, COLUMNS:	1 1/2"	SS-2	RODS:	GRADE 65 CARBON STEEL TO THE FOLLOWING MINIMUM REQUIREMENTS OR
PROVISIONS OF	DINGS", MARCH 9, 2005 THIRTEENTH LOAD RESISTANCE FACTOR DESIGN, BY		03 20 00 S CALC CONCRETE REINF 03 30 00 CALC CONCRETE MIX D	ORCING LAYOUT		PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS	1 1/2"	55-2	AS NEEDED FOR CONNECTION DESIGN: ANGLES:	ASTM A36
STEEL CONSTRUC	CTION (AISC-LRFD)		03 30 00 S CONCRETE CONS	TRUCTION JOINT LAYOUT DRCEMENT LAYOUT		SHELLS, FOLDED PLATE MEMBERS: NO 5 BARS AND SMALLER	1/2"		ANGLES: WTs: PLATES:	ASTM A36 ASTM A992 ASTM A36, MINIMUM YIELD STRENGTH 36 KSI
	CONSTRUCTION" AMERICAN NATIONAL		05 10 00 S STRUCTURAL STE 06 18 00 S GLU LAMINATED 1			NO 6 BARS AND LARGER	3/4"		BOLTS: NUTS:	ASTM A325 OR A490 ASTM A563
			S = SHOP DRAWINGS AND/OR PRODUCT DATA REQUENCE SUPPORTING CALCULATIONS REQUIRED, SI						WASHERS: ANCHOR RODS:	ASTM F436 ASTM F1554 GRADE 55 WITH WELDABILITY
			PROFESSIONAL ENGINEER IN THE STATE IN WHICH	THE PROJECT IS LOCATED.	RE-7	LAP REINFORCEMENT AS SPECIFICALLY DETAILED ON THE	E DRAWINGS. SEE REBAR		HEADED STUDS:	SUPPLEMENT S1 ASTM A 108, GRADE 1010 THROUGH 1020
	20 PSF	SU-5	THE ITEMS IN THIS SECTION REQUIRE SHOP DRAWN	,		OFFSET AND LAP SPLICE SCHEDULE, 1/S3.01			WELD ELECTRODES:	HEADED STUD TYPE, COLD-FINISHED CARBON STEEL, AWS D1.1, TYPE B. 3/4" DIAMETER E70XX
	18 PSF		THE FOLLOWING SHOP DRAWINGS SHALL SHOW TH	E MAGNITUDES, DIRECTIONS,	RE-8	UNLESS OTHERWISE NOTED ALL LAP SPLICES ARE TO BE REBAR OFFSET AND LAP SPLICE SCHEDULE, 1/S3.01	CLASS "B" SPLICES PER		CLEVISES:	ASTM A668
			LOCATIONS AND CONNECTION CONDITIONS OF ALL SUPPORTING STRUCTURE. SUBMIT ALL INFORMATION		RE-9	PROVIDE MECHANICAL SPLICES FOR BARS LARGER THAN PROVIDE TENSILE, PRE-QUALIFIED, WELDED OR THREADE			STRUCTURAL STEEL MEMBERS AND CONNI REQUIREMENTS FOR THE SEISMIC LOAD RI	
SYSTEM			ARCHITECTURAL ORNAMENTATION (FLAGPOLES, C. SKYLIGHTS	ANOPIES, BANNERS, MASTS, ETC.)	RE-10	WELDING OF REINFORCING STEEL SHALL COMPLY WITH A			SECTION 05 12 00.	
	85 MPH C		IN ADDITION TO THE SHOP DRAWING REQUIREMEN	TS ABOVE. THE FOLLOWING	RE-11	LAP WELDED WIRE REINFORCEMENT TWO PANEL SPACING	GS, UON	55-4	WHERE NO CAMBER IS INDICATED, FABRIC CAMBER IS UPWARD AFTER ERECTION.	ATE DEAMS SO THAT ANT NATURAL
/)	1.0 1.0		SUBMITTALS SHALL ALSO LIST THE DESIGN LOADS BY A LICENSED PROFESSIONAL ENGINEER IN THE S	USED AND BE SIGNED AND SEALED	RE-12	PROVIDE LAP LOCATIONS AS FOLLOWS, UON:		SS-5	SPLICES SHALL BE ALLOWED ONLY AT LOC STRUCTURAL DRAWINGS UNLESS APPROV	
ORY IENT	II ± 18 (ENCLOSED)		THE PROJECT IS LOCATED:			A. GRADE BEAM / WALL (TOP HORIZONTAL REINFORCEME		SS-6	FOR STEEL MEMBERS AND EMBEDMENTS E	EXPOSED TO WEATHER, PROVIDE
(I)	1.0		3 EXTERIOR CLADDING SYSTEMS PHOTOVOLTAIC PANELS			 B. GRADE BEAM / WALL (TOP HORIZONTAL REINFORCEME) B. GRADE BEAM / WALL (BOTTOM HORIZONTAL REINFORCE C. WALL INSIDE FACE (VERTICAL REINFORCEMENT): AT S 	CEMENT): AT SUPPORTS	~~ -	HOT-DIPPED GALVANIZED FINISH.	
(1)	1.17 g					 D. WALL OUTSIDE FACE (VERTICAL REINFORCEMENT): AT E. UNLESS OTHERWISE NOTED TERMINATE BARS AT DISC 	MIDHEIGHT OF WALL	SS-7		D TO PREVENT ANY ACCUMULATION OF WATER. ERS SHALL NOT EXCEED 1 1/8" DIA AND SHALL BE
	0.415 g 1.009 g	FO	FOUNDATIONS		RE-13	STANDARD HOOKS. TERMINATION OF REINFORCEMENT, UON:		SS-8	SHOW ALL COPES, HOLES, OPENINGS AND	
	0.724 g D	FO-1	THE FOUNDATION DESIGN IS BASED ON THE GEOTE BY GEODESIGN, INC., DATED OCTOBER 8, 2010 (PRO			A. TERMINATE ALL BARS IN LAPS, 90 DEGREE BENDS, OR	WITH DOWELS INTO		STRUCTURAL STEEL MEMBERS FOR ERECT THE SHOP DRAWINGS FOR APPROVAL BY T	TION OR THE WORK OF OTHER TRADES ON
IPTION	D EQUIVALENT LATERAL FORCE	FO-2	FOUNDATIONS HAVE BEEN DESIGNED BASED ON TH			EXISTING CONCRETE. B. BEND TOP MAT OR FOOTING BARS DOWN TO BOTTOM			ENGINEER.	
<u>"EM (SLRS) :</u> TOR (R)	LIGHT-FRAMED WOOD SHEARWALL	102	FROM THE GEOTECHNICAL INVESTIGATION REPOR MEDIUM DENSE TO DENSE, NATIVE SOIL			C. BEND BOTTOM MAT OR FOOTING BARS UP WITH STANI BENDS.		SS-9	FIELD MODIFICATION OF STRUCTURAL STE THE ARCHITECT AND STRUCTURAL ENGINE	EL IS PROHIBITED WITHOUT PRIOR APPROVAL OF ER.
ACTOR (C_D)	3		NET ALLOWABLE BEARING CAPACITY: 3,500 PSF (1/	3 INCREASE FOR SEISMIC OR WIND)		D. PROVIDE DOWELS FROM FOOTINGS AND SLABS INTO N TO MATCH SIZE AND SPACING OF VERTICAL REINFORC		SS-10		ERECTION PROCEDURE, PREPARED UNDER THE R LICENSED IN THE STATE OF THE LOCATION OF
$ENT(C_S)$	0.155		COEFFICIENT OF FRICTION: 0.4		RE-14	PROVIDE EPOXY COATED REINFORCEMENT AND ACCESSO EXPOSURE TO THE ENVIRONMENT, CHEMICALS, OR DE-ICI		Г	THE PROJECT (THE CONTRACTOR'S ENGIN	EER) FOR REVIEW BY THE STRUCTURAL ENGINEE UDE THE PROPOSED SURVEY REQUIRED BY THE
T <u>EM (SLRS) :</u> TOR (R)	SPECIAL REINFORCED MASONRY SHEARWALL 5		SEE GEOTECHNICAL REPORT FOR ADDITIONAL REC DESIGN VALUES SHALL BE FIELD VERIFIED BY QUAI RETAINED BY THE OWNER.			INDICATED ON THE DRAWINGS.			STEEL SPECIFICATIONS.	
ACTOR (C_D)	2 1/2 3 1/2	FO-3	THE CONTRACTOR SHALL VERIFY FOUNDATION INS	TALLATION AND CONSTRUCTION IS				SS-11	THICKNESS OF THE FLANGE OR WEB SHAL	ION GROOVE WELDS THAT FUSE THROUGH THE L HAVE A MINIMUM CHARPY V-NOTCH IMPACT
ENT (C _S)	0.202 -118.4673	100	IN CONFORMANCE WITH THE RECOMMENDATIONS REPORT.	OUTLINED IN THE GEOTECHNICAL	MA	MASONRY			TESTING VALUE AS FOLLOWS:	
	34.0203	FO-4	CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUA						A. ASTM A6/A6M HOT-ROLLED SHAPES W EXCEEDING [2] INCHES AND BUILT-UP	HEAVY SHAPES WITH PLATES
ADS EXIST WHICI	ES THAT SUSPENDED OR FLOOR H EXCEED DESIGN LOADS INDICATED		WHERE NECESSARY, SHEET AND SHORE THE EXCA TIEBACKS AND BRACING AS DETERMINED BY CONT		MA-1	LOAD BEARING AND BACKUP WALL CONCRETE MASONRY CONFORM TO THE FOLLOWING MATERIAL STANDARDS:			EXCEEDING [2] INCHES IN THICKNESS B. REGARDLESS OF THICKNESS, ALL TRU MEMBERS (INCLUDING COLUMNS, WIN	JSSES, LATERAL SYSTEM
	ALL SUBMIT LOAD DATA TO DESIGN EEDING WITH WORK.	FO-5	DO NOT BACKFILL AGAINST CANTILEVER RETAINING ATTAINED 1 00% OF ITS DESIGN STRENGTH.	G WALLS UNTIL THE CONCRETE HAS		CONCRETE BLOCK: ASTM C90, NORMAL WE MORTAR: ASTM C270, TYPE S OR LIME ONLY (USE TYPE N	M PORTLAND CEMENT /		FT-LB @ 70 DEG. F C. STEEL EXPOSED TO TEMPERATURES	
	NY STRUCTURAL MEMBER FOR MEP RIBUTARY AREA IN A WAY THAT THE	10-5				MASONRY IS IN DIRECT TYPE S IN ALL OTHER C	CONTACT WITH SOIL;		25 FT-LB @ [40] DEG. F. D. WELD METAL: 20 FT-LB @ MINUS 20 DE	
	I CONTRACT DOCUMENTS ARE NOT NATE THE LOADS OF ALL TRADES AND					GROUT: ASTM C476 (MINIMUM 28 STRENGTH OF 2500 PS	3 DAY COMPRESSIVE		E. WELD METAL EXPOSED TO TEMPERAT DEG. F: 25 FT-LB @ MINUS 40 DEG. F	
T OR DISTRIBUTIO D DISTRIBUTION.	ON FRAMING AS REQUIRED TO	<u>CM</u>	CONCRETE MATERIALS			REINFORCEMENT: ASTM A615, GRADE 60 JOINT REINFORCEMENT: ASTM A82, TRUSS OR LA			F. TESTING IS TO BE IN ACCORDANCE W SUPPLEMENTARY REQUIREMENT S30, FOR STRUCTURAL SHAPES – ALTERN/	CHARPY V-NOTCH IMPACT TEST
	D FOR VIBRATING EQUIPMENT.	CM-1	CONCRETE STRENGTHS AND WEIGHT SHALL MEET COMPRESSIVE STRENGTHS (f'C) UON (SEE SPECIFI			EXTERIOR JT REINF: GALVANIZE PER ASTM A INTERIOR JT REINF: GALVANIZE PER ASTM A			SHAPES AND ASTM A673 FOR PLATES LOCATIONS.	
ON VIBRATION I	SOLATORS.		ADDITIONAL CONCRETE PROPERTIES): FOOTINGS	3.000 PSI NWT	MA-2	THE MINIMUM COMPRESSIVE STRENGTH OF THE MASONR	Y (F' M) SHALL BE 1,800 PS	I,		
S THAN L/360			FOUNDATION WALLS	3,000 PSI NWT 8,000 PSI		UON, AS DETERMINED IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS FOR MASONRY STRUCTURES.	RÉFERENCED	<u>SC</u>	STRUCTURAL STEEL CONNEC	CTIONS
	O LIMIT LIVE LOAD MIDSPAN VERTICAL ICHEVER IS LESS.			3,000 PSI NWT 3,000 PSI	MA-3	PLACE MASONRY UNITS WITH FULL FACESHELL MORTAR (AL SC-1	DO NOT USE OVERSIZED OR SLOTTED HOL INDICATED ON THE DRAWINGS OR APPROV	ES FOR ANY CONNECTIONS UNLESS SPECIFICALI /ED IN WRITING BY THE SER
	TRACTOR'S ENGINEER SUCH AS, BUT	CM-2	PROVIDE NORMAL WEIGHT CONCRETE WITH CURE AGGREGATE CONFORMING TO ASTM C33, UON. WH	,		AND VERTICAL FACE SHELLS. WEBS SHALL ALSO HAVE FU AROUND ALL GROUTED CELLS.	JLL MORTAR COVERAGE	SC-2		QUIREMENTS OF THE STRUCTURAL WELDING CO
D TO IMPOSE VE	S, ESCALATORS, PRECAST STADIA, RTICAL AND/OR HORIZONTAL LOADS S WITHOUT GENERATING TORSION IN		LIGHTWEIGHT CONCRETE WITH CURED DENSITY O CONFORMING TO ASTM C330.		MA-4	LAY MASONRY UNITS IN RUNNING BOND UON.			REQUIRED BY CONNECTION FORCES, THE) SIZES SHALL BE THE LARGER OF THE SIZE MINIMUM SIZE PER ANSI/AWS D1.1, OR 3/16 INCH ZES SHOWN ON THE DESIGN DRAWINGS ARE
L MEMBERS. CO	NTRACTOR IS RESPONSIBLE FOR ARY BRACING MEMBERS AS	CM-3	ALL CONCRETE SHALL BE THOROUGHLY CONSOLIE	DATED.	MA-5	ALL MASONRY SHALL INCLUDE REINFORCEMENT. IF REINF SPECIFICALLY INDICATED ON THE DRAWINGS, VERIFY WIT				SHALL BE INCREASED IN ACCORDANCE WITH AW
ON ON THE BASE	BUILDING STRUCTURE.	CM-4	THE USE OF CALCIUM CHLORIDE AND OTHER CHLC PROHIBITED. THE USE OF RECYCLED CONCRETE IS					SC-3		L PENETRATION WELDS. REMOVE RUNOFF TABS
RAINED: COMPC	LY EVALUATIONS, CONSIDER THE DIFE WIDE-FLANGE STEEL FRAMING,		AND CONTACT BETWEEN ALUMINUM ITEMS, INCLUE CONCRETE IS PROHIBITED.	DING ALUMINUM CONDUIT, AND	MA-6 MA-7	CALCIUM CHLORIDE SHALL NOT BE USED IN MORTAR OR G	GROUT.			GRIND SMOOTH WHERE REQUIRED BY DETAIL.
JS CAST-IN-PLAC BLIES UNRESTRAI	E CONCRETE CONSTRUCTION. NED.	CM-5	ALL CAST-IN-PLACE CONCRETE WILL EXPERIENCE		IVI <i>P</i> \- 7	ALL GELLS SHALL BE FOLLT GROUTED.		SC-4	WELDING EXPOSED TO LOW (OUTDOOR) TE AWS D1.5	EMPERATURES IN SERVICE SHALL CONFORM TO
			CRACKING. ANY ELEMENT EXPOSED TO DIRECT W VARIATIONS DURING CONSTRUCTION OR IN THE FI	NAL CONDITION IS TO BE TREATED				SC-5	REMOVE WELD BACK UP BARS AND GRIND	SMOOTH AFTER WELD IS COMPLETED, UON
			AND REGULARLY MAINTAINED TO PREVENT PROPA PENETRATION. THE CONTRACTOR SHALL DEVELOF PROGRAM AND SUBMIT IT TO THE OWNER.		C 1	CONCRETE CONSTRUCTION JOINTS				
					<u>CJ</u>	CONCRETE CONSTRUCTION JOINTS				
OR STRUCTURAL	SHOP DRAWINGS, THE LENGINEER' S REVIEW A SCHEDULE SHOP DRAWINGS AND THE DATE THE				CJ-1	PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH A DRAWINGS SHOWING PROPOSED CONSTRUCTION JOINT L				
EIVED BY THE ST	RUCTURAL ENGINEER. THE DRTUNITY TO REVIEW THE PROPOSED	RE-1	ALL CONCRETE SHALL INCLUDE REINFORCEMENT. SPECIFICALLY INDICATED ON THE DRAWINGS, VERI ENGINEER BEFORE PROCEEDING WITH WORK.			THE PLACEMENT SEQUENCE FOR THE STRUCTURAL ENGI TO PROCEEDING WITH WORK.				
DEVELOPED AN	NTRACTOR. THE FINAL SHOP D SUBMITTED TO THE STRUCTURAL	RE-2	REINFORCEMENT SHALL CONFORM TO THE FOLLO	WING STANDARDS AND MATERIAL	CJ-2	NO HORIZONTAL CONSTRUCTION JOINTS WILL BE PERMIT	-,)		
RETURN THE SHO	RAWING SCHEDULE, THE OP DRAWING ITEMS WITHIN TEN		PROPERTIES: DEFORMED BARS:	ASTM A615, GRADE 60, UON		BEAMS, WALLS AND SLABS UNLESS SPECIFICALLY SHOWN APPROVED IN WRITING BY THE DESIGN PROFESSIONALS I				
	REPRODUCIBLE SHOP DRAWING. TAL PRIOR TO FORWARDING TO		WELDABLE DEFORMED BARS: EPOXY COATED DEFORMED BARS:	ASTM A706, GRADE 60, UON ASTM A706, GRADE 60, UON ASTM A615, GRADE 60, UON / A775	CJ-3	PLACE VERTICAL CONSTRUCTION JOINTS TO PROVIDE A 6 CONCRETE PLACEMENT AND LOCATE AS FOLLOWS:	60 FT MAXIMUM LENGTH O	F		
	CONTRACTOR IS TO STAMP EACH		WELDED WIRE REINFORCEMENT EPOXY COATED WELDED WIRE REINFORCEMENT	ASTM A185 ASTM A185 / A884	A	FOUNDATION WALLS: MINIMUM OF 8 FT FROM ANY COLUM OPENING	N LINE OR WALL			
EQUESTED. SED ON THE LAT	EST DESIGN.		WELDED BAR ANCHORS:	NELSON D2L DEFORMED BAR ANCHORS (ICC-ES	В	GRADE BEAMS SUPPORTING FOUNDATION WALLS: AT CEN	ITERLINES BETWEEN			
RE ADDRESSED.	NEER' S COMMENTS FROM ANY			REPORT ER-5217)	014	SUPPORTS				
	CONSTRUCTION TRADES. ARE CLEARLY MARKED BY CIRCLING	RE-3	DETAIL REINFORCEMENT BASED ON THE PROJECT ACI-315, UON.	REQUIREMENTS, ACI-318 AND	∪J-4	PROVIDE CONTINUOUS WATERSTOPS AT ALL CONSTRUCT SOIL OR WATER, AS DESCRIBED IN THE SPECIFICATIONS.	ITON JUINTS EXPUSED 10			
CLUDE SUBSTITU	TION REQUEST	RE-4	WHERE A 90-DEG, 135 -DEG OR 180-DEG HOOK IS G CORRESPONDING ACI STANDARD HOOKS PER 1/S5	,						
E A STAMP INDIC	ATING PROJECT NAME AND ATION SECTION NUMBER.	RE-5	DOWELS SHALL MATCH SIZE AND SPACING OF MAIN							
HALL RETURN, W	/ITHOUT COMMENT, SUBMITTALS	RE-6	REINFORCEMENT SHALL HAVE CONCRETE PROTEC	TION (CLEAR COVER) PER ACI 318						
JRAL ENGINEER'	R WHICH DO NOT MEET THE ABOVE S REVIEW OF SUBMITTALS SHALL BE IN INTENT. NO WORK SHALL BE		UNLESS OTHERWISE INDICATED ON THE DRAWING							
EW.	A THE THE THE WORK OF ALL DE									
G, WRITTEN AND	G BY THE CONTRACTOR, PROVIDE A SIGNED BY THE SUPPLIER' S									
HE SHOP DRAWI	NG IS IN CONFORMANCE WITH THE									

WRITTEN AND SIGNED BY THE SUPPLIER'S SHOP DRAWING IS IN CONFORMANCE WITH THE CTOR'S ENGINEER.



SIZE 3/16 INCH ARE WITH AWS

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PA POST-INSTALLED ANCHORS

PA-1	POST-INSTALLI EPOXY ANCHO
PA-2	INSTALL POST- DOCUMENTS, A RECOMMENDA
PA-3	USE SCANNING DAMAGING REI DAMAGING REI
PA-4	SPECIAL INSPE
PA-5	FIELD TESTING ANCHORS IN A A. TEST 1009 B. TEST 50% FOUIPME

REQUIRED FOR THE SPECIFIC ANCHOR TYPE. F. TENSION TESTS: APPLY TEST LOADS TO ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. IF NOT, REMOVE NUT AND INSTALL A THREADED COUPLER TO THE SAME TIGHTNESS AS THE ORIGINAL NUT USING A TORQUE WRENCH. REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED, PROVIDED THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURES. TO BE ACCEPTABLE, ANCHORS SHALL HAVE NO OBSERVABLE MOVEMENT AT THE APPLICABLE TEST LOAD (OBSERVABLE MOVEMENT IS DEFINED AS THE WASHER UNDER THE NUT BECOMING LOOSE). G. TORQUE TESTS: TO BE ACCEPTABLE, THE APPLICABLE TEST TORQUE MUST BE

REACHED WITHIN ONE-HALF TURN OF THE NUT. H. TEST EQUIPMENT IS TO BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES. I. FIELD TESTING SHALL BE DONE IN THE PRESENCE OF THE PROJECT INSPECTOR.

PA-6 EXPANSION ANCHORS

HIL

н ANCHO DIAMETI 3/8" 1/2" 5/8"

SIMPS DIAMETI 1"

EXPANSION ELEMENT. THE SPECIFIED EMBEDMENT LENGTH, THICKNESS OF FASTENED PART, WASHER

(IN) 3/4

(ICC-ES REPORT ESR-1917)

(ICC-ES REPORT ESR-1771)

ANCHO DIAMETI 3/8" 1/2" 5/8" 3/4"

ANCHO 1/2" 5/8" 3/4"

SIMF ANCHO DIAMETI 1/2" 5/8"

C. Hef IS MEASURED FROM FACE OF CONCRETE SUBSTRATE TO THE TEETH ON THE D. CONTRACTOR SHALL PROVIDE ANCHORS WITH SUFFICIENT TOTAL LENGTH FOR AND NUT.

PA-7 SCREW ANCHORS A. SCREW ANCHORS SHALL BE SIMPSON TITEN HD (ICC-ES REPORT ESR-2713), UON. B. ANCHOR EMBEDMENT SHALL BE AS SPECIFICALLY DETAILED ELSEWHERE IN THE DRAWINGS. FIELD TEST VALUES ARE AS FOLLOWS, UON:

SCREW ANCHOR DIAMETE 3/8 1/2

LED ANCHORS INCLUDE EXPANSION ANCHORS, SCREW ANCHORS, ORS/DOWELS, AND POWDER-ACTUATED FASTENERS.

I-INSTALLED ANCHORS IN ACCORDANCE WITH THE CONTRACT APPLICABLE ICC-ES REPORT AND THE MANUFACTURER'S DATIONS.

IG EQUIPMENT OR OTHER MEANS TO LOCATE AND AVOID CUTTING OR EINFORCING BARS. SER APPROVAL IS REQUIRED PRIOR TO CUTTING OR EINFORCING.

ECTION IS REQUIRED FOR ALL POST-INSTALLED ANCHOR NS, UON.

G OF POST-INSTALLED ANCHORS IS REQUIRED, UON. TEST INSTALLED ACCORDANCE WITH THE FOLLOWING:

0% OF ANCHORS AT ALL STRUCTURAL APPLICATIONS, UON. % OF ANCHORS AT ALL NON-STRUCTURAL APPLICATIONS (SUCH AS EQUIPMENT ANCHORAGE), UON.

C. TEST 10% OF ANCHORS AT SILL PLATE BOLTING APPLICATIONS, UON. D. IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME TYPE NOT PREVIOUSLY TESTED UNTIL 20 CONSECUTIVE ANCHORS PASS. E. FIELD TESTS SHALL BE EITHER TENSION TESTS OR TORQUE TESTS, AS

A. EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING, UON:

CARBON STEEL HILTI KWIK BOLT TZ

SIMPSON STRONG-BOLT

ANCHOR EMBEDMENT AND FIELD TEST VALUES ARE AS FOLLOWS, UON:

TI KWIK BOLT TZ IN NORMAL-WEIGHT CONCRETE					
OR FER	Hef	MINIMUM HOLE DEPTH	TORQUE TEST VALUE (FT-LBS)		
	2"	2-5/8"	25		
•	2"	2-5/8"	40		
•	4"	4-3/4"	60		
•	4-3/4"	5-3/4"	110		

ILTI KWIK BOLT TZ IN LIGHTWEIGHT CONCRETE					
or Ter	Hef	MINIMUM HOLE DEPTH	TORQUE TEST VALUE (FT-LBS)		
	2"	2-5/8"	25		
"	2"	2-5/8"	40		
"	3-1/8"	3-7/8"	60		

SON S	SON STRONG-BOLT IN NORMAL-WEIGHT CONCRETE						
OR FER	Hef	MINIMUM HOLE DEPTH	TORQUE TEST VALUE (FT-LBS)				
•	2-1/4"	2-3/4"	50				
•	4-1/2"	5-1/8"	85				
•	5"	5-3/4"	180				
	9"	9-3/4"	230				

IPSON	PSON STRONG-BOLT IN LIGHTWEIGHT CONCRETE						
or Ter	Hef	MINIMUM HOLE DEPTH	TORQUE TEST VALUE (FT-LBS)				
"	2-1/4"	2-3/4"	40				
"	2-3/4"	3-3/8"	40				

ANCHORS				
R	TORQUE TEST VALUE (FT-LBS)			
	10			
	10			
	20			

PA-8 EPOXY ANCHORS AND DOWELS

D.

A. EPOXY SHALL BE ONE OF THE FOLLOWING, UON: HILTI HY-150 MAX-SD (ICC-ES REPORT ESR-3013) HILTI HIT-RE 500-SD (ICC-ES REPORT ESR-2322) SIMPSON SET-XP (ICC-ES REPORT ESR-2508)

RODS EMBEDDED IN EPOXY SHALL BE CARBON STEEL THREADED RODS PER THE Β.

EPOXY MANUFACTURER'S ICC-ES REPORT. REINFORCING STEEL BARS EMBEDDED IN EPOXY SHALL BE ASTM A615, GRADE 60,

UON. ANCHOR EMBEDMENT AND FIELD TEST VALUES ARE AS FOLLOWS, UON:

EPOXY ANCHORS IN NORMAL-WEIGHT CONCRETE (3000 PSI MIN)						
		TENSION TEST VALUE (LBS)				
REBAR SIZE	EMBEDMENT (IN)	HILTI HY-150 MAX-SD	HILTI HIT-RE 500-SD	SIMPSON SET-XP		
#3	3	1420	2050	*		
#4	4	2760	3640	5790		
#5	5	4640	5750	6250		
#6	6	7180	8150	11070		
#7	7	9860	10140	8450		
#8	8	12970	12380	17050		
#9	9	*	14700	*		
#10	10	*	16780	*		
* LISTED E	POXY ADHESIVE M	AY NOT BE USED	WITH NOTED R	EBAR SIZES		

EPOXY ANCHORS IN NORMAL-WEIGHT CONCRETE (3000 PSI MIN)				
THREADED			E (LBS)	
ROD DIAMETER (IN)	EMBEDMENT (IN)	HILTI HY-150 MAX-SD	HILTI HIT-RE 500-SD	SIMPSON SET-XP
3/8	3	1420	2030	*
1/2	4	2760	3060	4090
5/8	5	4640	5770	6250
3/4	6	7180	8150	9650
7/8	7	9860	10200	8450
1	8	12970	12310	17050
1-1/4	10	*	16520	*

* LISTED EPOXY ADHESIVE MAY NOT BE USED WITH NOTED ROD SIZES

TESTING OF EPOXY DOWELS AT JOINTS BETWEEN NEW AND EXISTING

SLABS-ON-GRADE IS NOT REQUIRED. TESTING OF #3 EPOXY DOWELS AT CURBS AND HOUSEKEEPING PADS IS NOT

REQUIRED. TESTING SHALL OCCUR AFTER EPOXY HAS CURED, AS PER MANUFACTURER'S G RECOMMENDATIONS.

PA-9 POWDER-ACTUATED FASTENERS (PAF):

F

POWDER-ACTUATED FASTENERS SHALL BE ONE OF THE FOLLOWING, UON: Α. HILTI X-U (ICC-ES REPORT ESR-2269)

SIMPSON POWER-DRIVEN FASTENERS (ICC-ES REPORT ESR-2138)

PROVIDE 0.08" THICK x 1.1" SQUARE OR 1.425" ROUND WASHERS FOR ALL В. POWDER-ACTUATED FASTENERS.

FASTENER DIAMETER AND EMBEDMENT SHALL BE AS SPECIFICALLY DETAILED C. ELSEWHERE IN THE DRAWINGS.

TESTING OF POWDER-ACTUATED FASTENERS IS NOT REQUIRED. D.



SHEET TITLE GENERAL NOTES

DRAWING NO. 6693

100% CONSTRUCTION DOCUMENTS 07/16/2012

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KoningEizenberg Architecture 1454 25th St, Santa Monica, CA 90404

 $\overline{O} \geq$ ta ta 20³ PROJECT

	<u>WD</u>	WOOD
OF	WD-1	ALL FRAMING LUMBER SHALL BE DOU FOLLOWS:
SHEET		JOIST AND RAFTERS: NO. 1 POST, BEAMS, HEADERS: NO. STUDS, PLATES, BLOCKS LIGHT FRAMING AND MISC: NO
	WD-2	ALL LUMBER IN CONTACT WITH CONC GROUND SHALL BE PRESSURE TREA
	WD-3	LUMBER MOISTURE CONTENT: SEE S
DWG. NO.:	WD-4	REJECTION OF WOOD MEMBERS: THE BY CBC 2303.1.1) WHICH PERMITS 5 P GRADE SHALL NOT BE CONSTRUED T USED AS LOAD-CARRYING MEMBERS ALLOWABLE STRESSES AND ACCEPT. FALL BELOW GRADE SHALL BE REJEC MEMBERS WHICH ARE REQUIRED TO PROJECT ARCHITECT, ENGINEER OR BE REINSPECTED BY A QUALIFIED LU PROPER GRADING OF THE MATERIAL GRADE CHARACTERISTICS OR DEFEC SERVICEABILITY OF THE MEMBER SH. INSPECTOR WITH THE CONCURRENC ENGINEER.
	WD-5	STRUCTURAL SHEATHING:
		 A. ROOF SHEATHING: 15/32" APA PS1-07, 5 PLY PLYWOOD B. NOT USED C. WALL SHEATHING: 15/32" APA 5 PLY PLYWOOD.
	WD-6	NOT USED.
	WD-7	NOT USED.
	WD-8	NOT USED.
	WD-9	NOT USED.
	WD-10	NOT USED.
	WD-11	GLUED-LAMINATED BEAMS:
		 A. 24FV4 FOR SIMPLE SPANS AND CONTINUOUS BEAMS. B. APPEARANCE: INDUSTRIAL GF EXPOSED. C. CAMBER TO RADIUS OF 1600' U D. ALL GLULAM BEAMS SHALL BE
	WD-12	NOT USED.
	WD-13	FRAMING HARDWARE: AS MANUFACT SIMPSON DESIGNATIONS USED.
	WD-14	NAILS: COMMON WIRE GAGE UON. N UON.
	WD-15	BOLTS: ASTM A307. ANCHOR RODS =
	WD-16	PROVIDE LATERAL SUPPORT FOR BEA
	WD-17	NOT USED.
	WD-18	NAILS, BOLTS AND SCREWS FOR PRE RETARDANT TREATED WOOD SHALL I

SI SPECIAL INSPECTIONS

OUGLAS FIR, UON. GRADE SHALL BE AS

NO. 1

NO. 2

NCRETE OR MASONRY 6'-0" OR LESS ABOVE EATED.

E SPECIFICATIONS

THE PROVISION IN DOC PS 20 (AS REFERENCED 5 PERCENT OF THE MATERIAL TO FALL BELOW D TO PERMIT BELOW-GRADE MATERIAL TO BE RS WHICH HAVE BEEN DESIGNED FOR SPECIFIED PTABLE SAFETY FACTORS. MATERIALS WHICH JECTED FOR LOAD-CARRYING USE. WOOD TO CARRY DESIGN LOADS AND WHICH THE OR INSPECTOR JUDGE TO BE MISGRADED SHALL LUMBER GRADING INSPECTOR TO VERIFY THE AL. WOOD MEMBERS WHICH HAVE PERMISSIBLE ECTS IN SUCH COMBINATION AS TO AFFECT THE SHALL BE REJECTED BY THE PROJECT NCE OF THE ARCHITECT OR STRUCTURAL

PA RATED SHEATHING 32/16", EXPOSURE 1,

PA RATED SHEATHING, EXPOSURE 1, PS1-07,

- AND 24FV8 FOR CANTILEVERED AND
- GRADE TYP.; ARCHITECTURAL GRADE IF
-)' UON BE STAMPED WITH AN IDENTIFICATION MARK.
- ACTURED BY SIMPSON CO. OR APPROVED EQUAL.
- . NAILING TO CONFORM TO CBC TABLE 2304.9.1,
- S = ASTM F1554, FY = 36 KSI.
- BEAMS, JOISTS AND RAFTERS PER CBC 2308.8.5.

RESSURE PRESERVATIVE TREATED AND FIRE L BE HOT-DIPPED ZINC COATED GALVANIZED.

- SI-1 ALL TESTS AND INSPECTIONS SHALL BE PERFORMED BY A SPECIAL INSPECTOR PER CBC SECTIONS 1704, 1707, AND 1708. THE SPECIAL INSPECTOR SHALL BE EMPLOYED BY THE OWNER, BUT NOT BY THE CONTRACTOR OR ANY OTHER PERSON RESPONSIBLE FOR THE WORK.
- SI-2 THE SPECIAL INSPECTOR SHALL BE A QUALIFIED (LICENSED) PERSON WHO SHALL DEMONSTRATE COMPETENCE TO THE SATISFACTION OF THE BUILDING OFFICIAL, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- SI-3 CONTRACTORS RESPONSIBLE FOR THE CONSTRUCTION OF A WIND OR SEISMIC FORCE RESISTING SYSTEM/COMPONENT LISTED IN THE "STATEMENT OF SPECIAL INSPECTION" SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING INSPECTOR AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON SUCH SYSTEM OR COMPONENT PER CBC SECTION 1709.1
- SI-4 PER THE 2010 CBC, THE FOLLOWING ITEMS SHALL BE TESTED AND INSPECTED BY A DEPUTY INSPECTOR: B. TABLES AS FOLLOWS:

	FREQUENCY O		DC	FERENCE FOR CRI	
			RE	TERENCE FUR CRI	
INSPECTION TASK	DURING TASK	PERIODICALLY DURING TASK LISTED	IBC SECTION	ACI 530/ASCE 5/TMS 402ª	ACI 530/ASCE 6/TMS 602ª
 AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE: 					
a. PROPORTIONS OF SITE PREPARED MORTAR.	_	Х	—	_	ART. 2.6A
b. CONSTRUCTION OF MORTAR JOINTS.	_	Х		_	ART. 3.3B
c. LOCATION OF REINFORCEMENT, CONNECTORS, PRESTRESSING TENDONS AND ANCHORAGES.	_	Х	_	_	ART. 3.4, 3.6A
d. PRESTRESSING TECHNIQUE	_	Х	_	_	ART. 3.6B
e. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES	_	х	—	_	ART. 2.4B, 2.4H
2. THE INSPECTION PROGRAM SHALL VERIFY:					
a. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	_	Х	_	_	ART. 3.3G
b. TYPE, SIZE AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS FRAMES OR OTHER CONSTRUCTION.		Х	—	SEC. 1.2.2(e), 2.1.4, 3.1.6	ART. 3.3G
c. SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT	_	Х	_	SEC. 1.13	ART. 3.3G
d. WELDING OF REINFORCEMENT BARS.	Х	—	—	SEC. 2.1.10.7.2, 3.3.3.4(b)	_
e. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F)	_	х	SEC. 2104.3, 2104.4	_	ART 1.8C, 1.8D
f. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	_	Х	—	_	ART 3.6B
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:					
a. GROUT SPACE IS CLEAN	_	Х	—	_	ART. 3.2D
 b. PLACEMENT OF REINFORCEMENT AND CONNECTORS AND PRESTRESSING TENDONS AND ANCHORAGES. 	_	х	_	SEC. 1.13	ART. 3.4
c. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	_	х	_	_	ART. 2.6B
d. CONSTRUCTION OF MORTAR JOINTS	_	Х	—	_	ART. 3.3B
4. GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENT PROVISIONS:	x	_	_	_	ART. 3.5
a. GROUTING OF PRESTRESSING BONDED TENDONS.	х	—	—	_	ART. 3.6C
5. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISIMS SHALL BE OBSERVED	x	—	SEC. 2105.2.2, 2105.3	_	ART.1.4
5. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED	_	х	_	_	ART. 1.5

TABLE 1704.7 CREQUIRED VERIFICATION AND INSPECTION OF SOILS

	VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		Х
2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	_	Х
3.	PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	_	Х
4.	VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	Х	_
5.	PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		Х

	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
	MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
	a. IDENTIFICATION MARKING TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	—	Х	AISC 360, SECTION A3.3 AND APPLICABLE ASTM MATERIAL STANDARDS	
	b. MANUFACTURER'S CERTIFICATE OF 3 COMPLIANCE REQUIRED.	_	Х	_	_
	INSPECTION OF HIGH-STRENGTH BOLTING:				
	a. SNUG-TIGHT JOINTS		Х		
	b. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKINGM TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION	_	х	AISC 360, SECTION M2.5	1704.3.3
	C. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF INSTALLATION	Х	_		
	MATERIAL VERIFICATION OF STRUCTURAL STEEL		<u> </u>		Į
	AND COLD-FORMED STEEL DECK: a. FOR STRUCTURAL STEEL DECK: MARKINGS TO CONFORM TO AISC 300 3	_	х	AISC 360, SECTION M5.5	
	b. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS	_	х	APPLICABLE ASTM MATERIAL STANDARDS	
	C. MANUFACTURER'S CERTIFIED TEST REPORTS		х		
•	MATERIAL VERIFICATION OF WELD FILLER MATERIALS:				
	a. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	_	Х	AISC 360, SECTION A3.5 AND APPLICABLE AWS A5 DOCUMENTS	_
	b. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	_	Х	_	_
).	INSPECTION OF WELDING:				
	a. STRUCTURAL STEEL AND COLD FORMED STEEL DECK:				
	1) COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS.	Х			
	2) MULTIPASS FILLET WELDS	Х	_	AWS D1.1	1704.3.1
	3) SINGLE-PASS FILLET WELDS > 5/16"	Х	—		1101.0.1
	4) SINGLE-PASS FILLET WELDS ≤ 5/16"	_	Х		
	5) FLOOR AND ROOF DECK WELDS	_	Х	AWS D1.3	
	b. REINFORCING STEEL:				
	 VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706 	_	Х		
	2) REINFORCING STEEL-RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT.	Х		AWS D1.4 ACI 318: SECTION 3.5.2	
	3) SHEAR REINFORCEMENT.	Х	_		
	4) OTHER REINFORCING STEEL.	_			
•	INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:		Х		
	a. DETAILS SUCH AS BRACING AND STIFFENING.	_	Х		
	b. MEMBER LOCATIONS	_	Х	_	1704.3.2
				4	

FOR SI: 1 INCH = 25.4 mm. A. WHERE APPLICABLE, SEE ALSO SECTION 1707.1, SPECIAL INSPECTION FOR SEISMIC RESISTANCE TABLE 1704.4 3 FOR SI: 1 INCH = 25.4 mm.

REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

	REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION					
	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	REFE	
1.	INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT	_	X	ACI 318: 3.5, 7.1-7.7	19	
2.	INSPECTION OF REINFORCING STEEL, WELDING IN ACCORDANCE WITH TABLE 1704.3, ITEM 5B	_	_	AWS D1.4 ACI 318: 3.5.2		
3.	INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED	Х	_	ACI 318: 8.1.3, 21.2.8	19 19	
4.	INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE	—	x	ACI 318: 3.8.6, 8.1.3, 21.2.8	19	
5.	VERIFYING USE OF REQUIRED DESIGN MIX	_	x	ACI 318: CH. 4, 5.2-5.4	190 1913.2	
6.	AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	Х	_	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	19	
7.	INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	х	_	ACI 318: 5.9, 5.10	1913.6 19	
8.	INSPECTION OF MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	_	X	ACI 318: 5.11-5.13	19	
9.	INSPECTION OF PRESTRESSED CONCRETE:a. APPLICATION OF PRESTRESSING FORCES.b. GROUTING OF BONDED PRESTRESSING TENDONS IN THE SEISMIC-FORCE-RESISTING SYSTEM.	X X	_	ACI 318: 18.20 ACI 318: 18.18.4		
10	. ERECTION OF PRECAST CONCRETE MEMBERS.		Х	ACI 318: CH. 16		
11	. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POSTTENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		X	ACI 318: 6.2		
12	. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	_	x	ACI 318: 6.1.1		



6693 SHEET TITLE GENERAL NOTES

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	DATE :	20
APPROVED BY :		
Miriam Mulder,		
Architecture Services	Manager	
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DEPARTMEN	T OF PUBLIC W	ORKS
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3.6, 1913.7, 1913.8

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ABBREVIATIONS

ABBREVIATION
ABV
ADDL ADJ
ALT
APPRX ARCH
B/ B/B
BLDG
BLK BLKG
BLW BM
вот
BRDG BRG
BTWN C/C
CIP
CL CLR
CMU COL
COMP
CONC CONN
CONST CONT
db
DBL DEG
DET DIA
DIAG DIM(S)
DL
DWG(S) DWL
EA ECC
EF
EL ELEC
ENGR EOS
EQ EQUIP
EW
EXP EXST
EXT F/F
FIN
FLR FND
FP FS
FTG GA
GALV
GB GEN
GLB GR
НК
HORIZ HP
HT ID
IF INFO
INT
INTRM JST(S)
JT K
KLF
KSF LL
LLH

DESCRIPTION ABOVE ADDITIONAL ADJACENT ALTERNATE APPROXIMATE ARCHITECT OR ARCHITECTURAL BOTTOM OF BACK TO BACK BUILDING BLOCK BLOCKING BELOW BEAM BOTTOM BRIDGING BEARING BETWEEN CENTER TO CENTER CAST-IN-PLACE CENTER LINE CLEAR OR CLEARANCE CONCRETE MASONRY UNIT COLUMN COMPRESSION CONCRETE CONNECTION(S) CONSTRUCTION CONTINUOUS REINFORCING BAR DIAMETER DOUBLE DEGREE(S) DETAIL DIAMETER DIAGONAL DIMENSION(S) DEAD LOAD DRAWING(S) DOWEL(S) EACH ECCENTRICITY EACH FACE ELEVATION ELECTRICAL ENGINEER EDGE OF SLAB EQUAL EQUIPMENT EACH WAY EXPANSION EXISTING EXTERIOR FACE TO FACE FINISH(ED) FLOOR FOUNDATION FIREPROOF(ING) FAR SIDE FOOTING GAGE, GAUGE GALVANIZED GRADE BEAM GENERAL GLU LAM BEAM GRADE HOOK HORIZONTAL HIGH POINT HEIGHT INSIDE DIAMETER INSIDE FACE INFORMATION INTERIOR INTERMEDIATE JOIST(S) JOINT KIPS (1,000 POUNDS) KIP PER LINEAR FOOT KIP PER SQUARE FOOT LIVE LOAD

LONG LEG HORIZONTAL

LLV LONG LP LW LWC Μ MATL MAX MC MECH MEP MEZZ MFR MID MIN MISC NIC NO NOM NS NTS NW NWC OC OD OF OH OPNG(S) OPP OSL P/T PC PCY PERP PG ΡL PRC PRLL PSF PSI PΤ RAD REF REINF REQD SCHED SDL SECT SER SF SHT SIM SLRS SOG SP SPEC(S) STD STL STR STRCTL SYM T&B T/ TEMP TEN THK THRD TYP UON V VERT VIF W/ W/O WD WP WPFG WS WWR

ABBREVIATION DESCRIPTION LONG LEG VERTICAL LONGITUDINAL LOW POINT LIGHTWEIGHT LIGHTWEIGHT CONCRETE MOMENT MATERIAL MAXIMUM MOMENT CONNECTION(S) MECHANICAL MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION MEZZANINE MANUFACTURER MIDDLE MINIMUM MISCELLANEOUS NOT IN CONTRACT NUMBER NOMINAL NEAR SIDE NOT TO SCALE NORMAL WEIGHT NORMALWEIGHT CONCRETE ON CENTER OUTSIDE DIAMETER OUTSIDE FACE OPPOSITE HAND OPENING(S) OPPOSITE OUTSTANDING LEG POST-TENSIONED PIECE POUNDS PER CUBIC YARD PERPENDICULAR PLATE GIRDER PLATE PRECAST PARALLEL POUNDS PER SQUARE FOOT POUNDS PER SQUARE INCH POINT RADIUS REFERENCE REINFORCE(D) (ING) OR (MENT) REQUIRED SCHEDULE(D) SUPERIMPOSED DEAD LOAD SECTION STRUCTURAL ENGINEER OF RECORD SQUARE FOOT (FEET) SHEET SIMILAR SEISMIC LOAD RESISTING SYSTEM SLAB ON GRADE SPACE SPECIFICATION(S) STANDARD STEEL STRUCTURE STRUCTURAL SYMMETRICAL TENSION TOP AND BOTTOM TOP OF TEMPERATURE OR TEMPORARY TENSION THICK OR THICKNESS THREAD TYPICAL UNLESS OTHERWISE NOTED SHEAR VERTICAL VERIFY IN FIELD WITH WITHOUT WOOD WORK POINT WATERPROOFING WATERSTOP

WELDED WIRE REINFORCEMENT



SHEET TITLE ABBREVIATIONS

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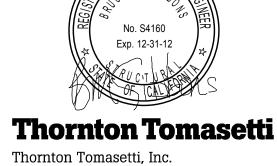
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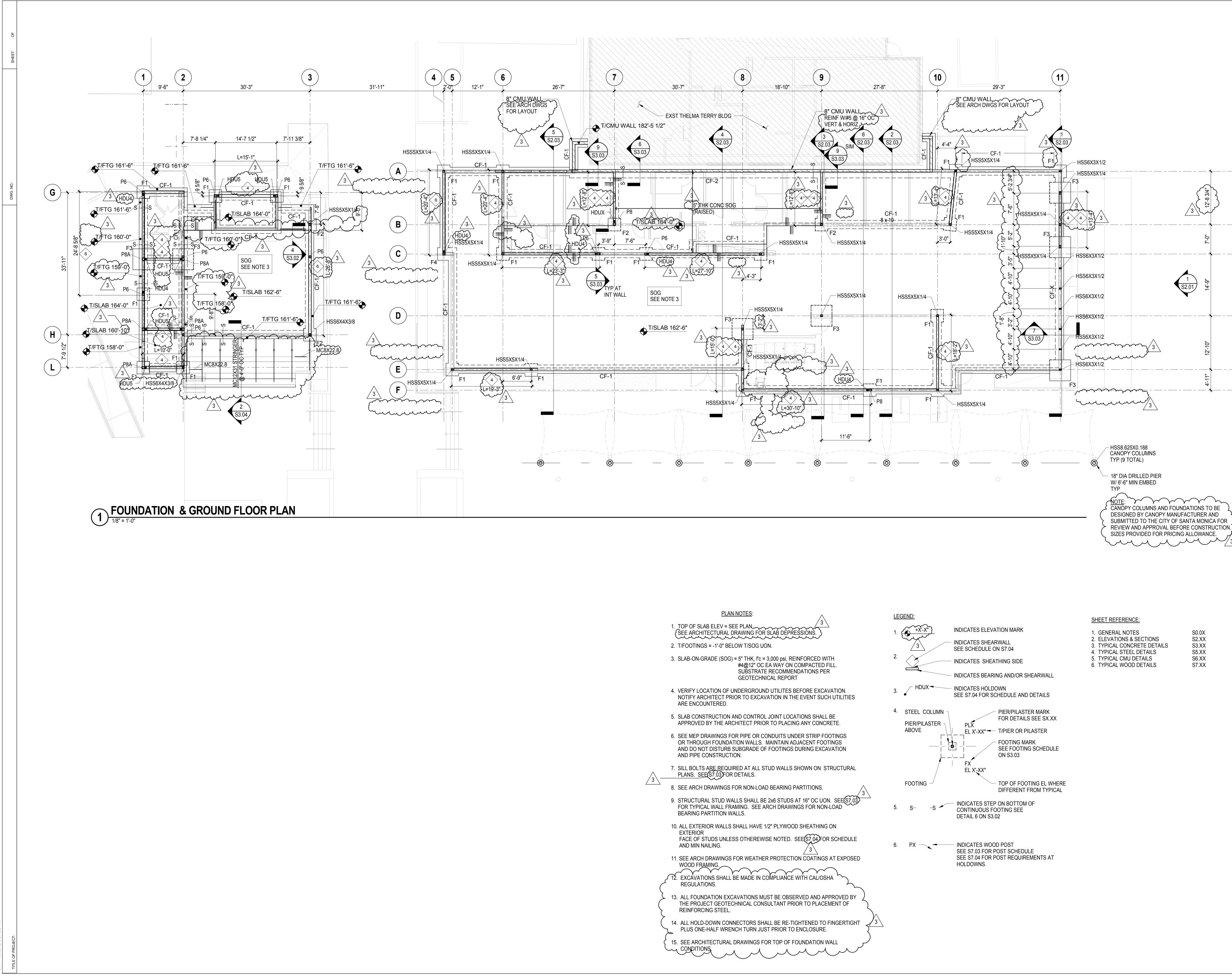
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ARCHITECT'S PROJECT NO.



1. GENERAL NOTES	
2. ELEVATIONS & SECTIONS	
3. TYPICAL CONCRETE DETAILS	
4. TYPICAL STEEL DETAILS	
5. TYPICAL CMU DETAILS	
6 TVPICAL WOOD DETAILS	





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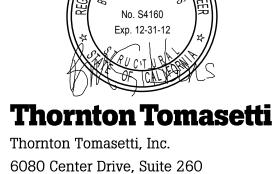
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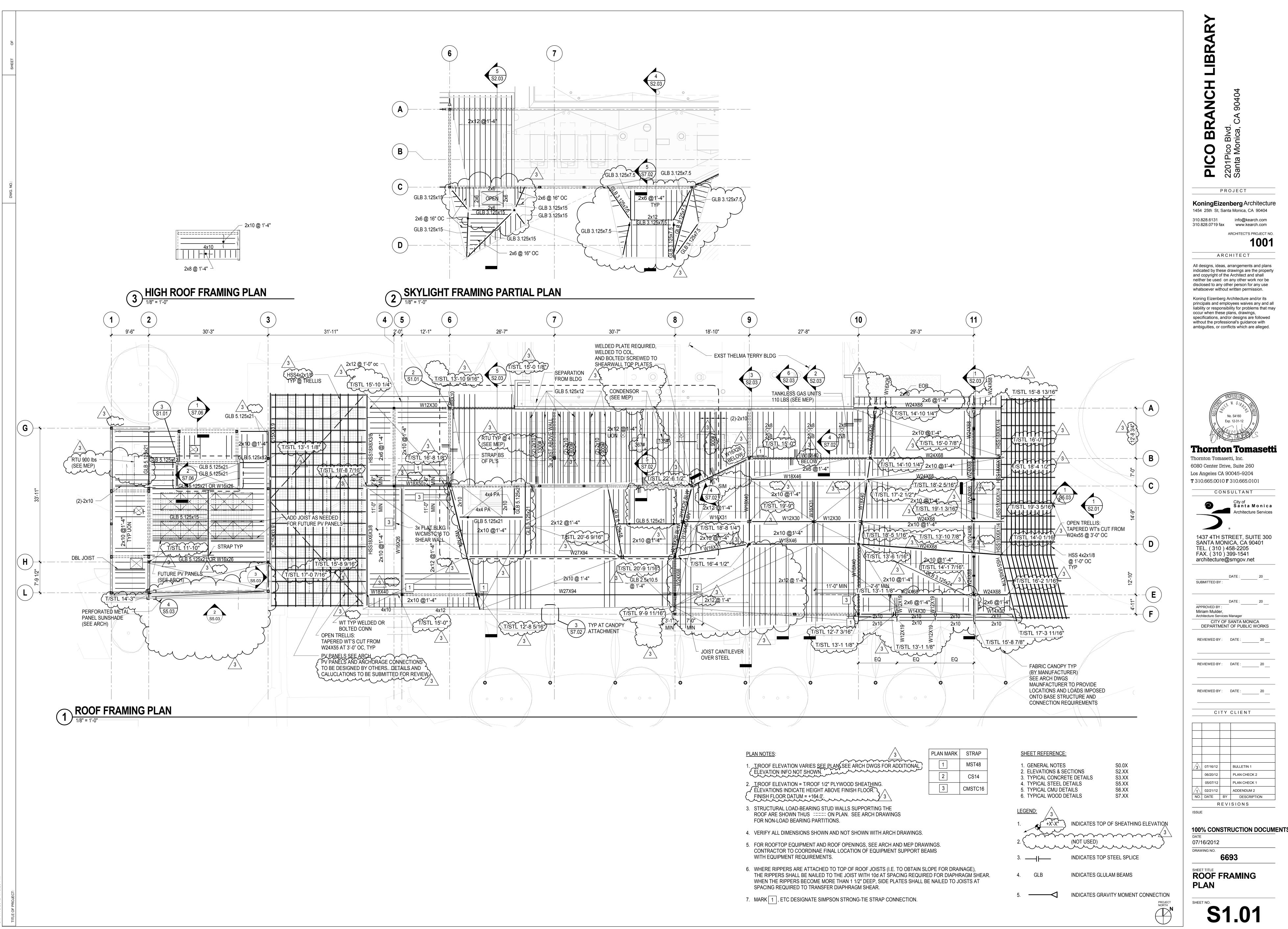
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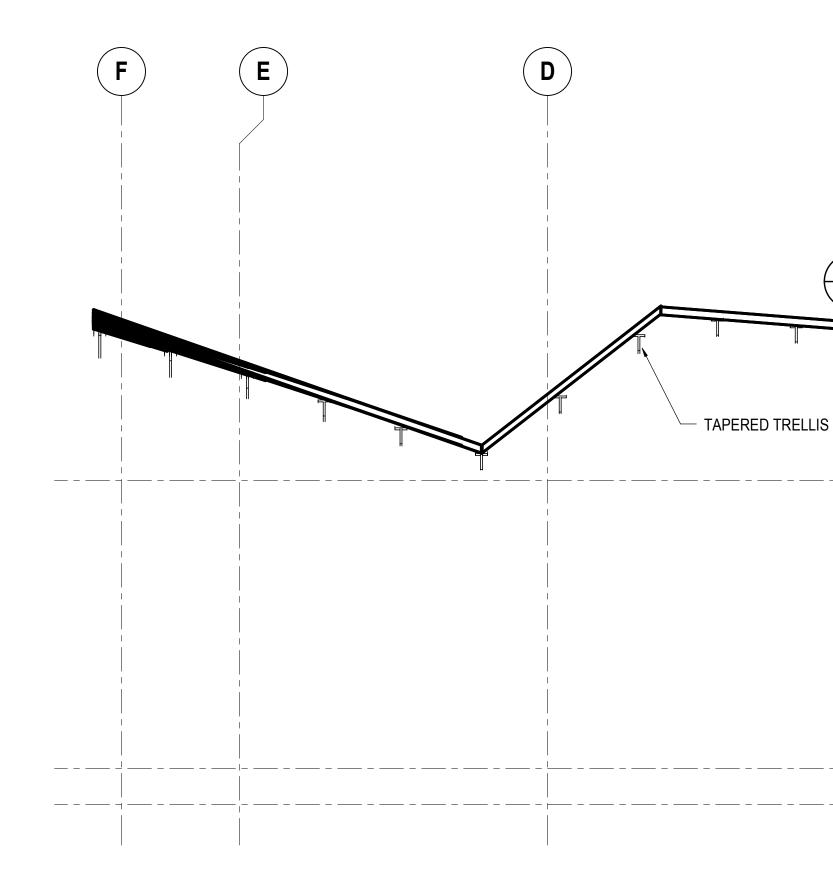
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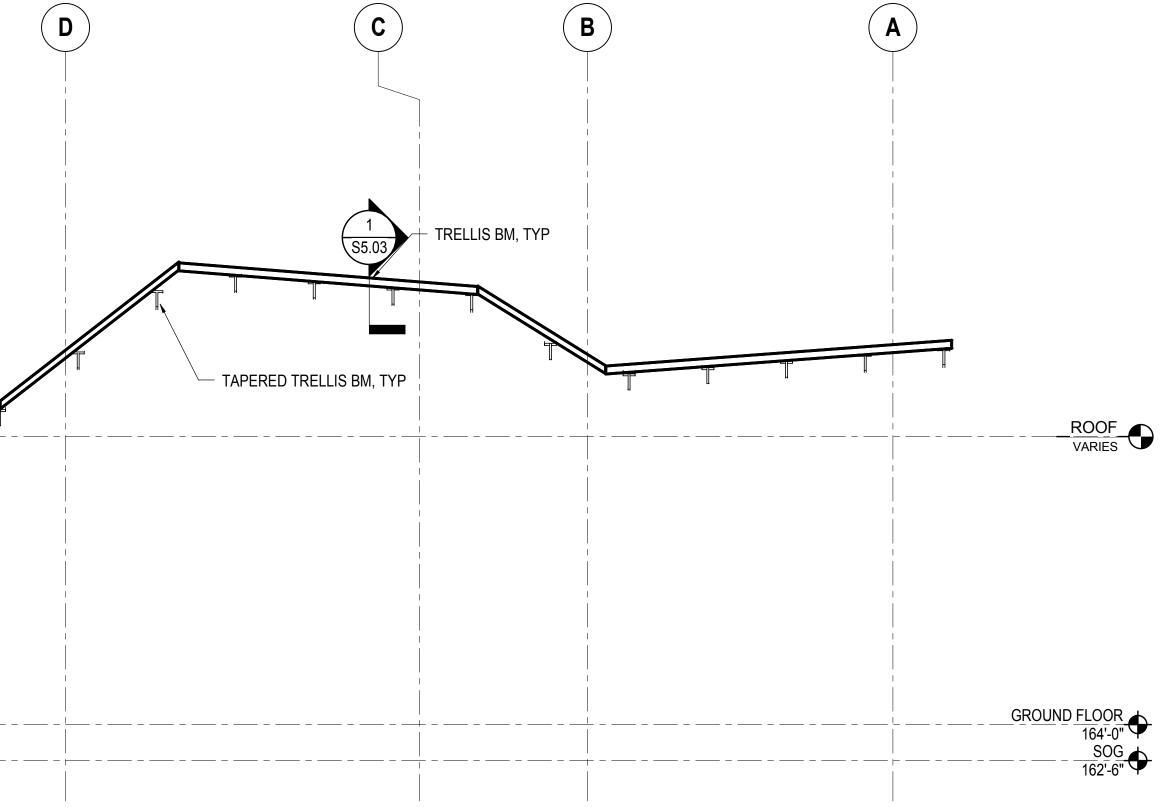
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LEGEND:		
1. +X'-X"	INDICATES TOP OF	SHEATHING ELE
2.	(NOT USED)	m m m m m m m m m m m m m m m m m m m
3	INDICATES TOP ST	EEL SPLICE
4. GLB	INDICATES GLULA	M BEAMS

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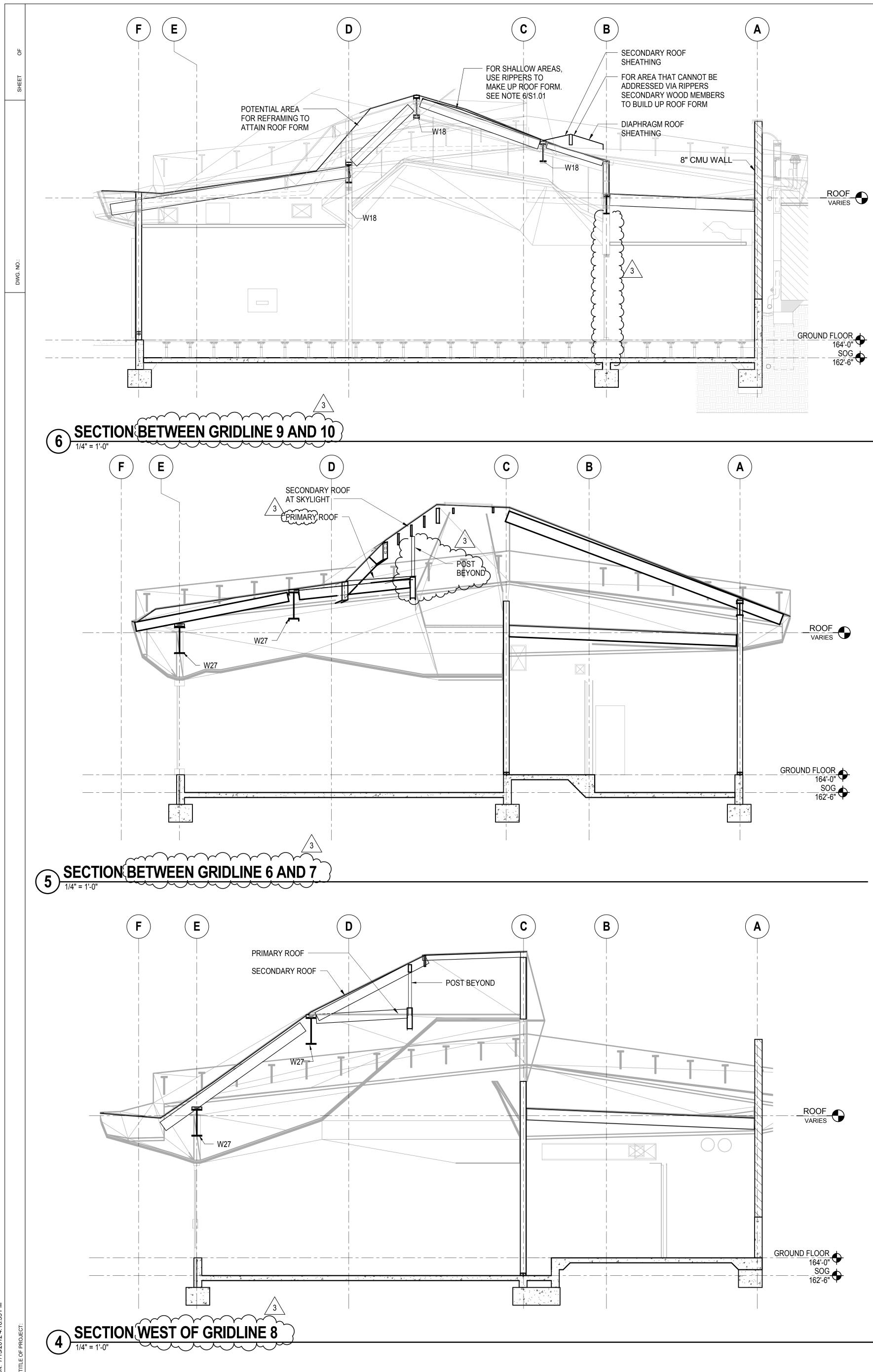
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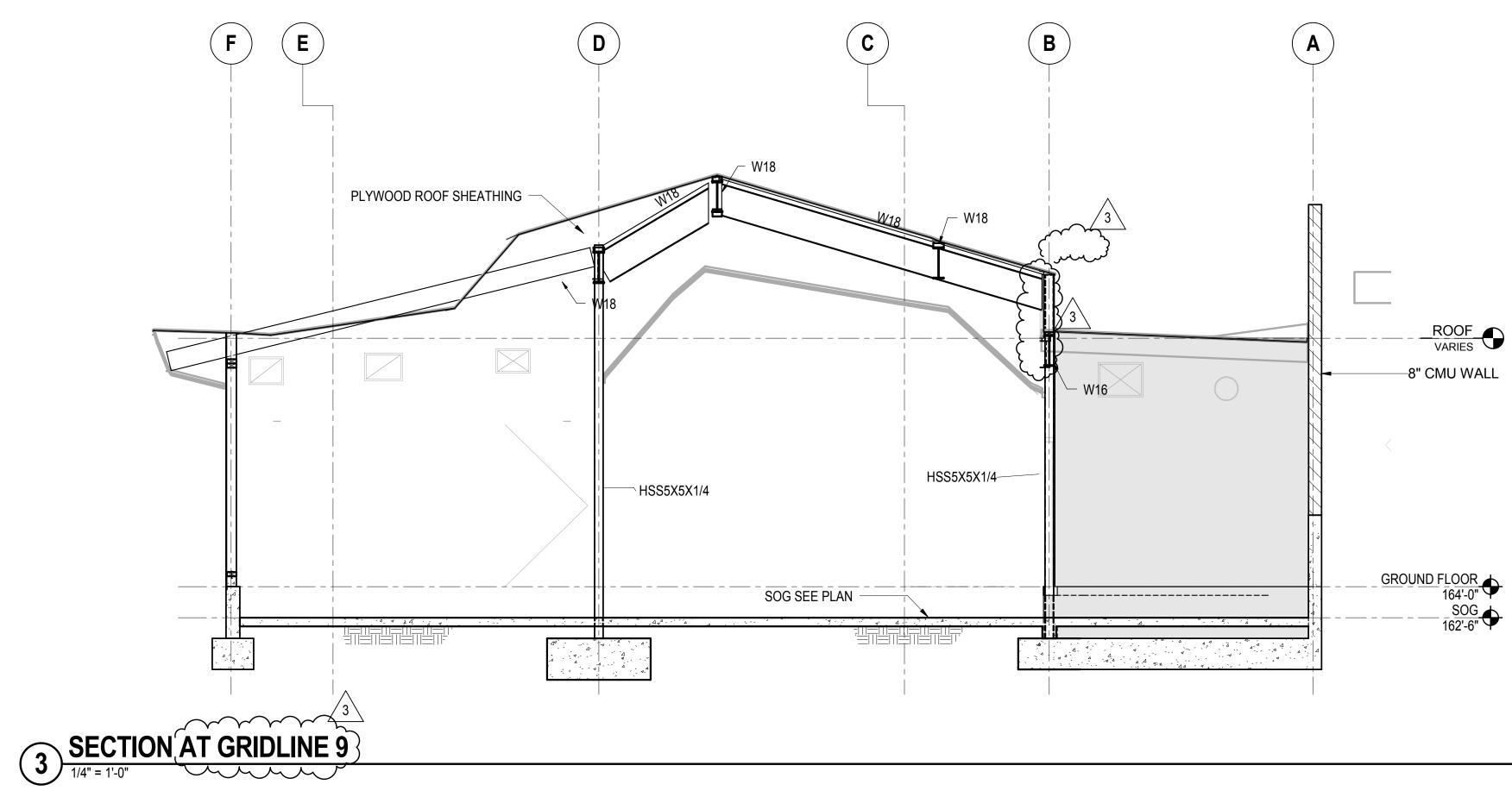
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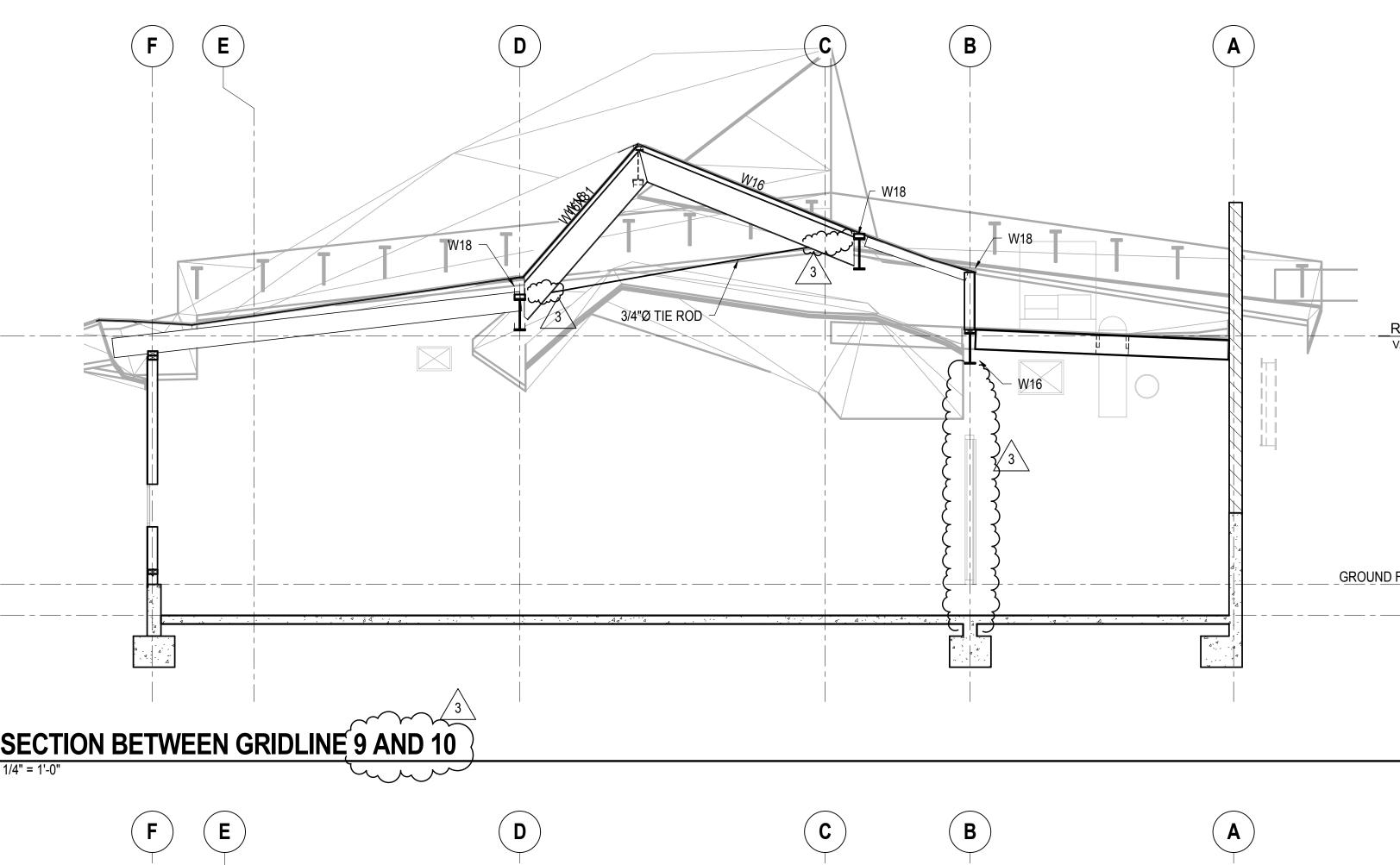
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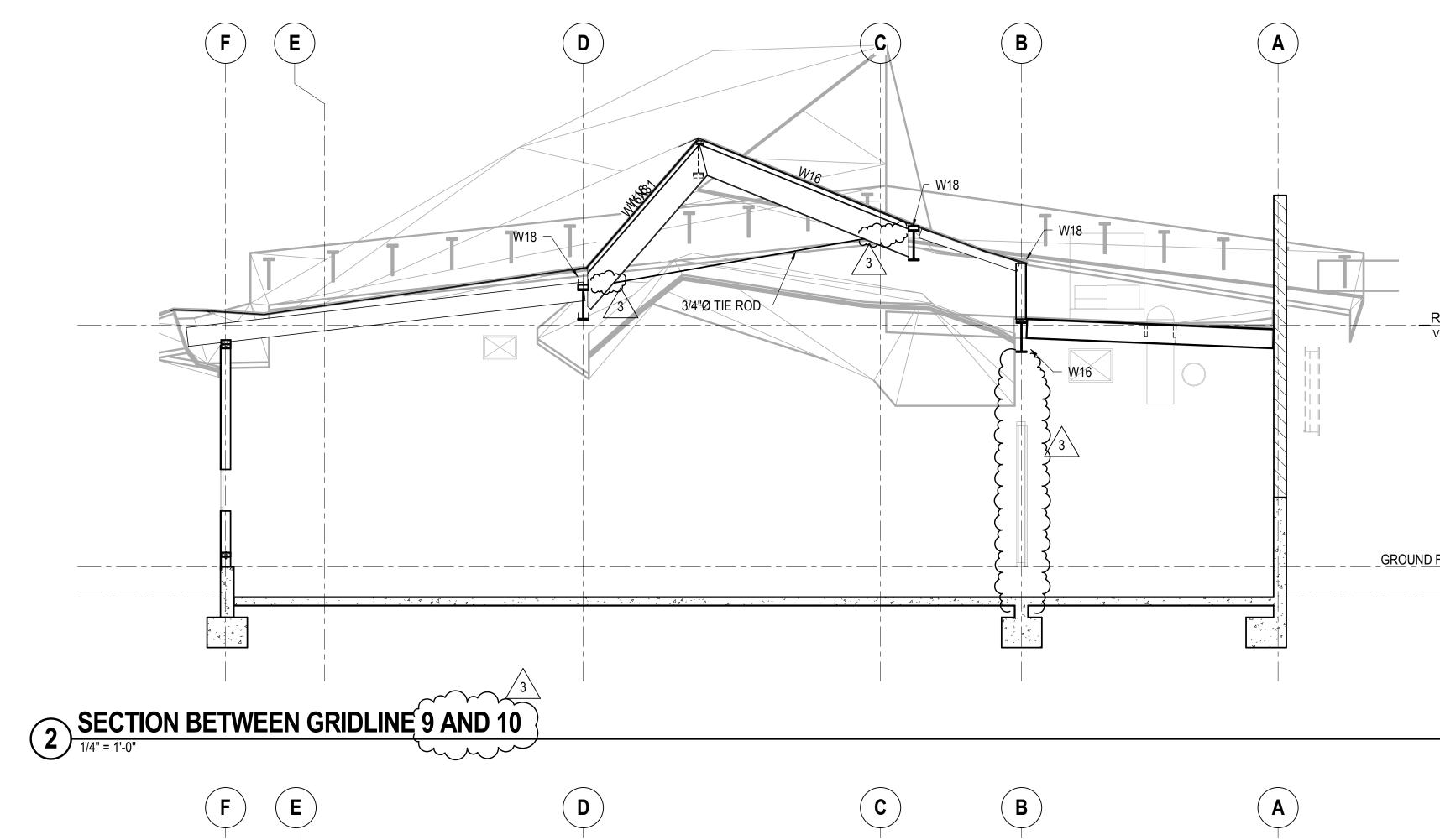
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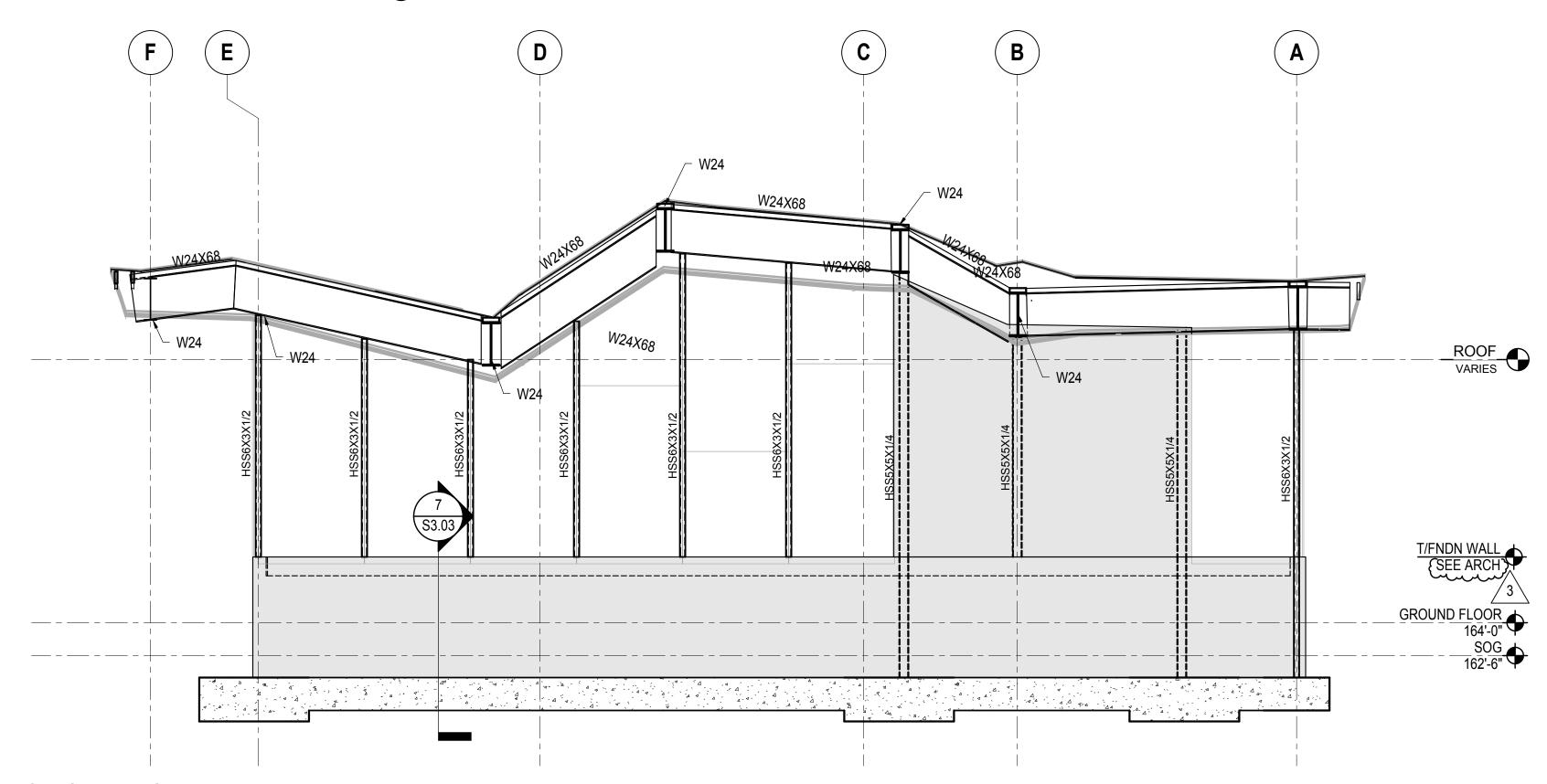
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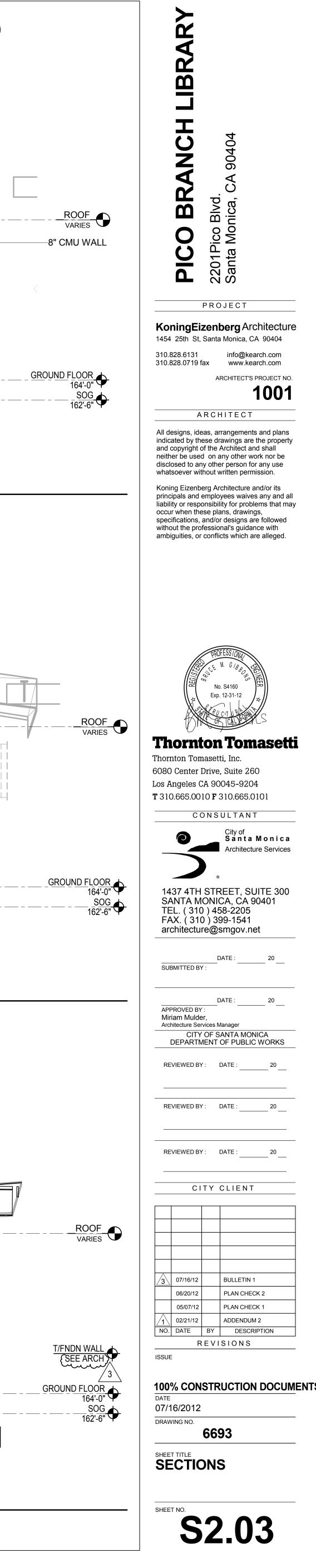








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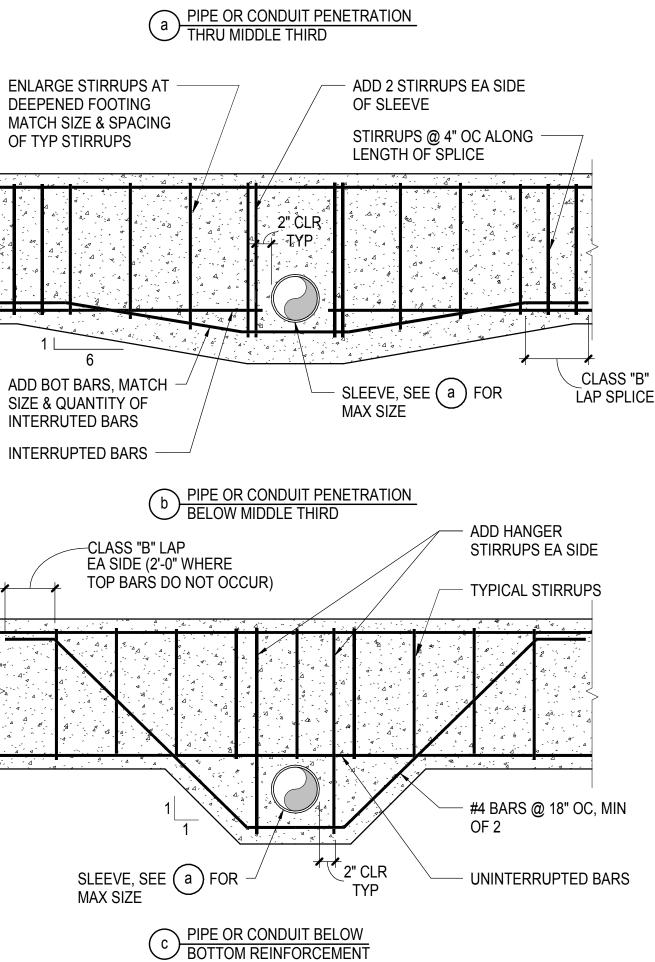
	SHEET OF	PIPES OR CONDUITS WHERE OCCUR SLEEVE, SEE DETAIL 7 ON THIS SHEET T/SLAB T/TO
	DWG. NO.:	BIFTG DIGGING FOR PIPE OR CONDUIT TRENCH PARALLEL TO FTG BELOW THESE LINES ARE ONLY ALLOWED PRIOR TO PLACEMENTS CONCRETE. SEE SOILS REPORT FOR BACKFILL AND COMPACTION REQUIREMENTS
		NOTES: 1. CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING OR OTHERWISE MAINTAINING THE SIDES OF THE EXCAVATION FROM CAVE-IN UNTIL ALL BACKFILL IS COMPLETED. 2. ALL PIPES AND CONDUITS SHALL CLEAR SLEEVE BY 1/2" ALL AROUND, UON. 3. FIRE SERVICE LINES SHALL CLEAR SLEEVE 2" ALL AROUND. 4. TRENCHES FOR PIPES AND CONDUITS WITH INVERT ELEVATION BELOW 2'-6" FROM BOTTOM OF FOOTING SHALL BE FILLED PER GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. 9. PIPE OR CONDUIT CLEARANCE AT FOUNDATIONS
		ADD 2 STIRRUPS EA SIDE OF SLEEVE MAX OUTSIDE SLEEVE DIA 6" (NOMINAL) END OF FOOTING SMALLER OF (3XDIA-1) OR D SMALLER OF DIA-1 OR DIA-2
		a PIPE OR CONDUIT PENETRATION THRU MIDDLE THIRD
		ENLARGE STIRRUPS AT ADD 2 STIRRUPS EA SIDE DEEPENED FOOTING OF SLEEVE MATCH SIZE & SPACING STIRRUPS @ 4" OC ALONG OF TYP STIRRUPS LENGTH OF SPLICE
		6 ADD BOT BARS, MATCH SIZE & QUANTITY OF INTERRUTED BARS INTERRUPTED BARS INTERRUPTED BARS
		b PIPE OR CONDUIT PENETRATION BELOW MIDDLE THIRD CLASS "B" LAP EA SIDE (2'-0" WHERE TOP BARS DO NOT OCCUR) TOP BARS DO NOT OCCUR) TOP DARS DO NOT OCCUR)
ocal.rvt		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
I LIBRARY-L		SLEEVE, SEE a FOR - 2" CLR MAX SIZE TYP UNINTERRUPTED BARS
ICO BRANCH		C PIPE OR CONDUIT BELOW BOTTOM REINFORCEMENT
ch Library/TT-S10502-PICO BRANCH LIBRARY-Local.rvt		NOTES: 1. DO NOT CUT REINFORCING AT O OR C. ONLY CUT INTERRUPTED REINFORCING AT D 2. PROVIDE MINIMUM 2" CLEAR BETWEEN SLEEVE AND REINFORCING
an		 PROVIDE MINIMUM 2" CLEAR BETWEEN SLEEVE AND REINFORCING. SEE DETAIL 1 ON THIS SHEET FOR SLEEVE-TO-PIPE/CONDUIT CLEARANCE & INFO NOT NOT CALLEK SEAL CAD AT SLEEVE TO PIPE/CONDUIT INTERFACE ON EXTERIOR SIDE OF FOOTING.
'ojects\Pico Br		 4. CAULK SEAL GAP AT SLEEVE-TO-PIPE/CONDUIT INTERFACE ON EXTERIOR SIDE OF FOOTING 5. IF PIPE OR CONDUIT PENETRATION OCCURS AT EITHER TOP OR BOTTOM REBAR SPLICE LC PROVIDE 2 ADDITIONAL SHEAR STIRRUPS FOR A TOTAL OF 4 SHEAR STIRRUPS ON EACH
suk\Documents\Projects\Pico Br		SIDE OF PENETRATION. 6. IF PIPE OR CONDUIT SLEEVE IS ASTM A53 SCHEDULE 40 OR GREATER PIPE, ADDITIONAL ST MAY BE ELIMINATED. SLEEVE SHALL BE GALVANIZED.
	ECT:	PIPE OR CONDUIT PENETRATIONS THRU
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PIPE OR CONDUIT PENETRATIONS THRU **CONTINUOUS FOUNDATIONS**

SIDE OF PENETRATION. 6. IF PIPE OR CONDUIT SLEEVE IS ASTM A53 SCHEDULE 40 OR GREATER PIPE, ADDITIONAL STIRRUPS MAY BE ELIMINATED. SLEEVE SHALL BE GALVANIZED.

4. CAULK SEAL GAP AT SLEEVE-TO-PIPE/CONDUIT INTERFACE ON EXTERIOR SIDE OF FOOTING. 5. IF PIPE OR CONDUIT PENETRATION OCCURS AT EITHER TOP OR BOTTOM REBAR SPLICE LOCATION PROVIDE 2 ADDITIONAL SHEAR STIRRUPS FOR A TOTAL OF 4 SHEAR STIRRUPS ON EACH

2. PROVIDE MINIMUM 2" CLEAR BETWEEN SLEEVE AND REINFORCING. 3. SEE DETAIL 1 ON THIS SHEET FOR SLEEVE-TO-PIPE/CONDUIT CLEARANCE & INFO NOT NOTED.



4x LARGER OF DIA-1 OR DIA-2

SMALLER OF

D/3

PENETRATION IN THIS AREA. SEE

- PIPE OR CONDUIT PENETRATION

NOT ALLOWED IN UPPER THIRD

CONCRETE

- 1 1/2 x LARGEST

SLEEVE DIA (BUT

NOT LESS THAN 6")

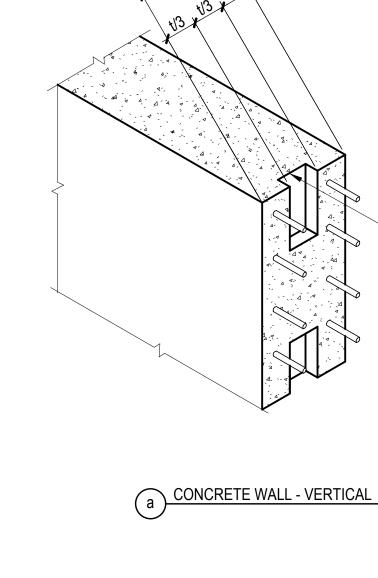
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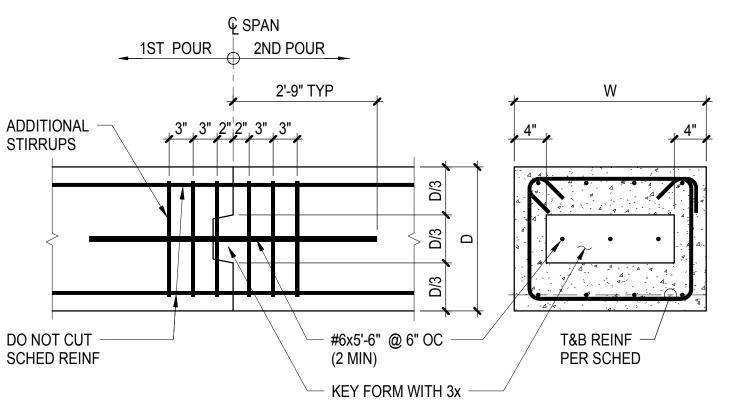
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GENERAL NOTES

STD HOOKS

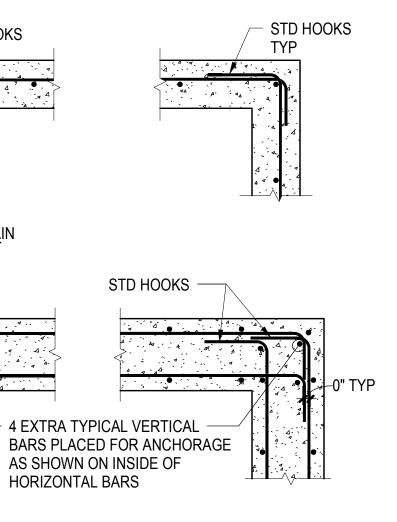
CONCRETE CURB AND WALL INTERSECTIONS 6 NOT TO SCALE





BEAMS AND CONTINUOUS FOUNDATIONS

4 CONSTRUCTION JOINTS NOT TO SCALE



STD HOOKS

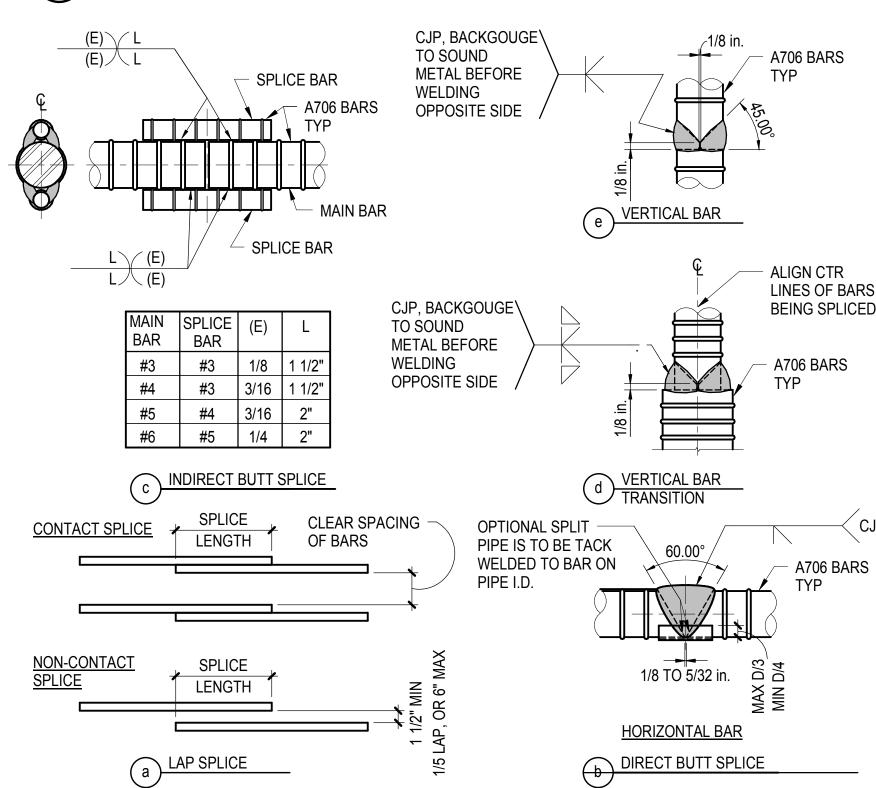
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	MAIN I	REINFORC	EMENT	STIRRUPS & TIES		Ldh, DEVELOPMENT LENGTH (1)		
	<u>90° НООК</u>	<u>6 MIN</u> 1 - INSIDE - DIA "D1" <u>1</u>	Д 80° НООК	₽‡ R <u>90° ноо</u>	- INSIDE DIA "D2" 0 <u>K 1:</u>	B5° HOOK		Linh
BAR	90° HOOK	-	180° HOOK		INSIDE	135° HOOK	CONCRETE	STRENGTH
SIZE	LENGTH "L"	DIA "D1"	LENGTH "L"	LENGTH "L"	DIA "D2"	LENGTH "L"	f'c = 3000 PSI	f'c = 4000 PSI
#3	4 1/2"	2 1/4"	2 1/2"	3"	1 1/2"	3"	0'-8"	0'-7"
#4	6"	3"	2 1/2"	3"	2"	3"	0'-11"	0'-9"
#5	7 1/2"	3 3/4"	2 1/2"	3 3/4"	2 1/2"	3 3/4"	1'-2"	1'-0"
#6	9"	4 1/2"	3"	9"	4 1/2"	4 1/2"	1'-4"	1'-2"
#7	10 1/2"	5 1/4"	3 1/2"	10 1/2"	5 1/4"	5 1/4"	1'-7"	1'-5"
#8	1'-0"	6"	4"	1'-0"	6"	6"	1'-10"	1'-7"
#9	1'-1 1/2"	9 1/2"	4 1/2"	-	-	-	2'-1"	1'-9"
#10	1'-3 1/4"	10 3/4"	5 1/4"	-	-	-	2'-3"	2'-0"
#11	1'-5"	1'-0"	5 3/4"	-	-	-	2'-6"	2'-2"

NOTES:

1. DEVELOPMENT LENGTHS IN TABLE ARE FOR NORMAL WEIGHT CONCRETE. WHERE LIGHTWEIGHT AGGREGATE CONCRETE IS USED, INCREASE DEVELOPMENT LENGTH BY 30%.

3) STANDARD HOOKS NOT TO SCALE



NC	<u>DTES:</u>	
1.	SEE REBAR LAP SPLICES AND	

INDIVIDUAL DETAILS FOR INFORMATION NOT NOTED

INTERMITTENT KEY, FORM WITH

1 1/2" x 5 1/2" LONG @ 12" OC

2. SEE SPECIFICATIONS FOR JOINT ROUGHENING REQUIREMENTS.

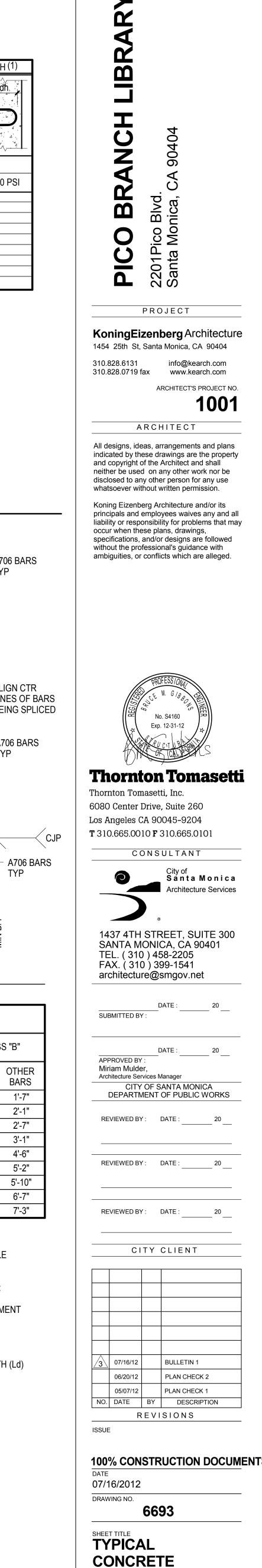
CONCRETE STRENGTH f'c = 3000 PSI f'c = 4000 PSI CLASS OF LAP SPLICE CLASS "A" CLASS "B" CLASS "A" CLASS "B" OTHER BARS OTHER BARS CASE TOP TOP TOP OTHER TOP OTHER BAR SIZE BARS BARS BARS BARS BARS BARS 1'-10" 1'-5" 2'-4" 1'-10" 1'-7" 1'-3" 2'-1" #3 2'-5" 1'-10" 3'-1" 2'-5" 2'-1" 1'-7" 2'-9" 2'-1" #4 3'-0" 2'-4" 3'-11" 3'-0" 2'-7" 2'-0" 3'-5" #5 3'-7" 3'-1" 2'-5" 2'-9" 4'-8" 3'-7" 4'-1" #6 5'-3" 4'-0" 6'-9" 5'-3" 4'-6" #7 3'-6" 5'-11" 5'-2" 5'-2" 6'-0" 4'-7" 7'-9" 6'-0" 4'-0" 6'-9" #8 5'-2" 8'-9" 7'-7" 6'-9" 6'-9" 5'-10" 4'-6" 5'-10" #9 7'-7" 5'-10" 9'-10" 7'-7" 6'-7" 5'-1" 8'-6" 6'-7" #10 6'-6" 10'-11" 8'-5" 7'-3" 5'-7" 7'-3" 8'-5" 9'-5" #11

NOTES:

1. UNLESS INDICATED OTHERWISE, USE THE CLASS "B" LAP SPLICE LENGTHS, MULTIPLIED BY THE APPLICABLE FACTOR(S) LISTED BELOW.

- INCREASE THE LAP SPLICE OR DEVELOPMENT LENGTH BY 50% FOR ANY OF THE FOLLOWING CONDITIONS:
- A. THE BAR COVER IS LESS THAN OR EQUAL TO THE BAR DIAMETER. B. WHERE STIRRUPS OR TIES ARE SHOWN IN THE DRAWINGS THROUGHOUT LAP SPLICE OR DEVELOPMENT LENGTH AND THE CLEAR SPACING OF BARS PER (a) ABOVE IS LESS THAN 1 BAR DIAMETER.
- C. WHERE STIRRUPS OR TIES ARE NOT SHOWN THROUGHOUT LAP SPLICE OR DEVELOPMENT LENGTH AND THE CLEAR SPACING OF BARS PER (a) ABOVE IS LESS THAN 2 BAR DIAMETERS.
- 3. A CLASS "A" SPLICE MAY BE USED ONLY WHERE NOTED ON THE DRAWINGS. WHERE DEVELOPMENT LENGTH (Ld) IS REQUIRED OR CALLED OUT ON THE DRAWINGS, USE CLASS "A" LAP SPLICE LENGTH.
- 4. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 12 INCHES OF CONCRETE CAST BELOW THE BARS.
- 5. LAP SPLICE LENGTHS IN TABLE ARE FOR NORMAL WEIGHT CONCRETE. WHERE LIGHTWEIGHT AGGREGATE CONCRETE IS USED, INCREASE LAP SPLICE LENGTH BY 33%.
- 6. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS SHALL BE STAGGERED.
- 7. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS CONTAINING TWO CURTAINS OF REINFORCEMENT SHALL NOT OCCUR IN THE SAME LOCATION.

1 REBAR OFFSET, LAP SPLICE, AND BUTT SPLICE



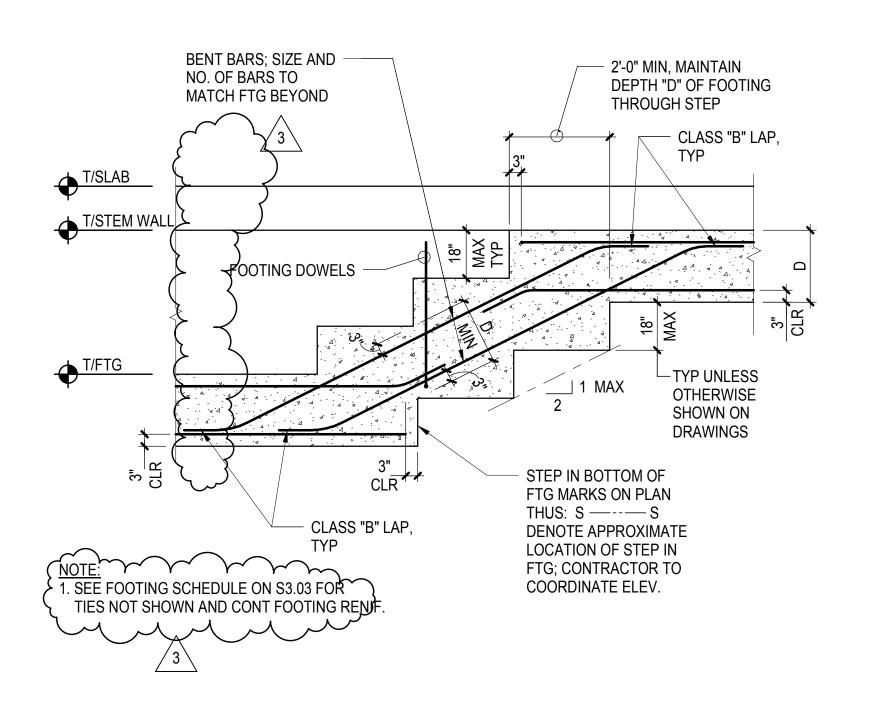
DETAILS

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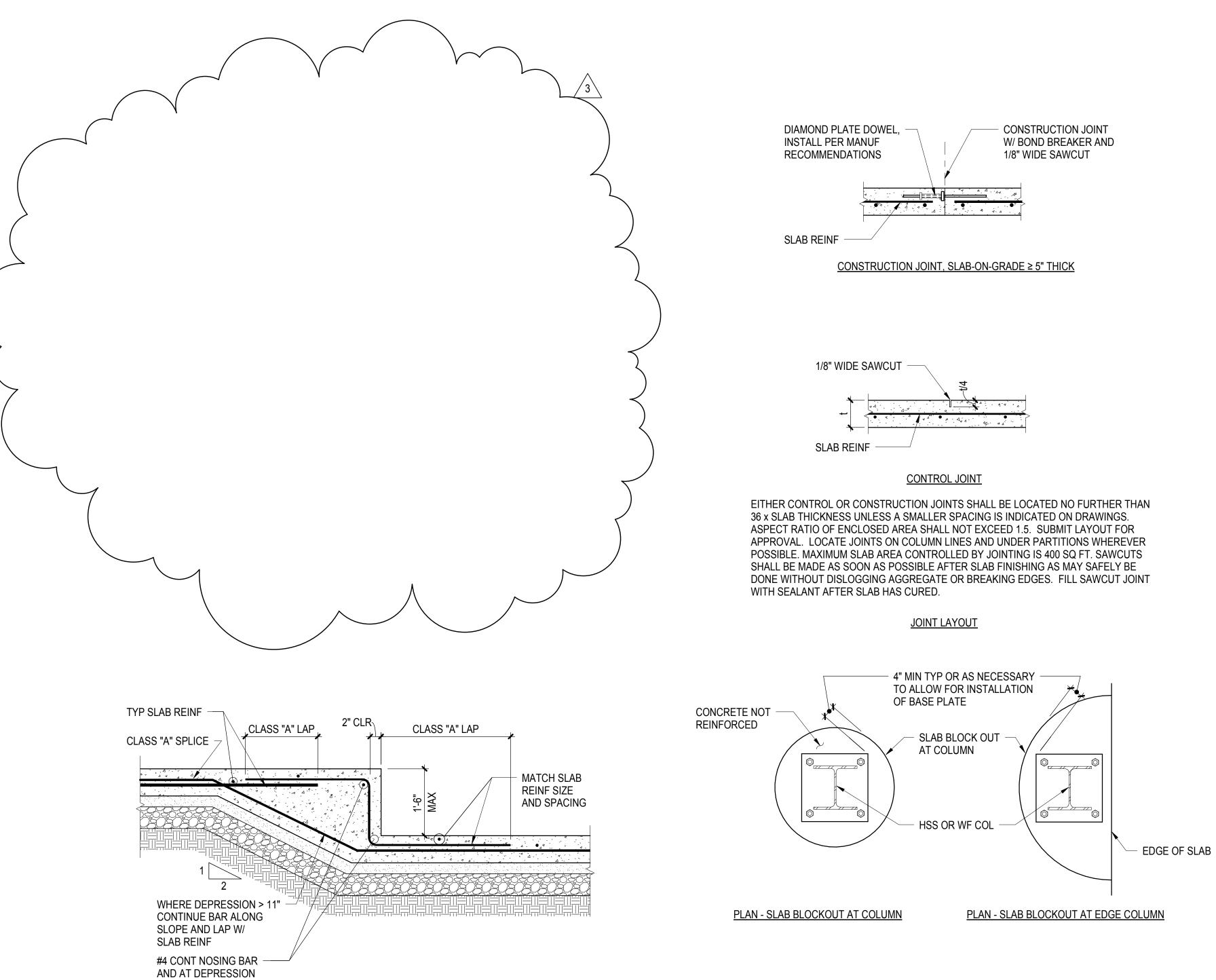
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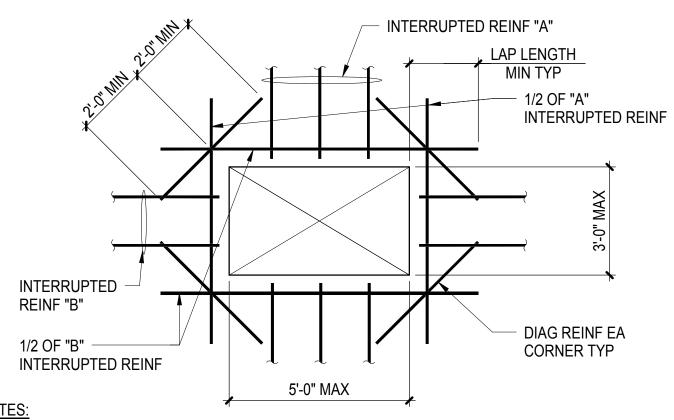
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6 STEPS IN CONTINUOUS FOOTING



4 SLAB-ON-GRADE DEPRESSION



NOTES:

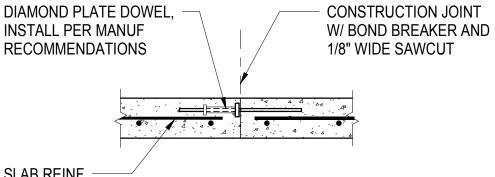
1. OPENING SIZE, LOCATION, AND REINFORCING SHALL BE SUBMITTED AS PART OF THE REINFORCING SHOP DRAWING SUBMITTAL FOR REVIEW AND APPROVAL.

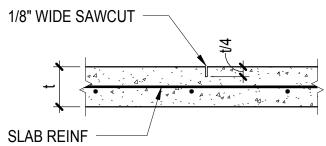
2. AT EACH SIDE OF THE OPENING, ADD NOT LESS THAN ONE-HALF THE AREA OF REINFORCING THAT IS INTERRUPTED BY THE OPENING. WHERE THE BAR LENGTH PAST THE OPENING IS INTERRUPTED BY AN EDGE OF SLAB, PROVIDE A STANDARD HOOK AT THE DISCONTINUOUS END.

3. WHERE THE DIAGONAL LENGTH IS INTERRUPTED BY AN EDGE OF SLAB, PROVIDE A STANDARD HOOK. 4. NOT REQUIRED AT COLUMN LOCATIONS.

	SCH	EDULE OF DIAGONAL	REINFORCING
	SLAB THICKNESS	DIAGONAL REINFEA CORNER	COMMENT
	4" TO 5"	1-#4	CENTERED IN SLAB
	>5" TO 8"	1-#5	CENTERED IN SLAB
	>8" TO 12"	1-#5	T&B IN SLAB
OPENING 1" = 1'-0"	IN SLAB-	ON-GRADE	











REVIEWED BY : DATE :

3 07/16/12

05/07/12

ISSUE

07/16/2012 DRAWING NO.

06/20/12

NO. DATE BY DESCRIPTION

REVISIONS

CITY CLIENT

BULLETIN 1

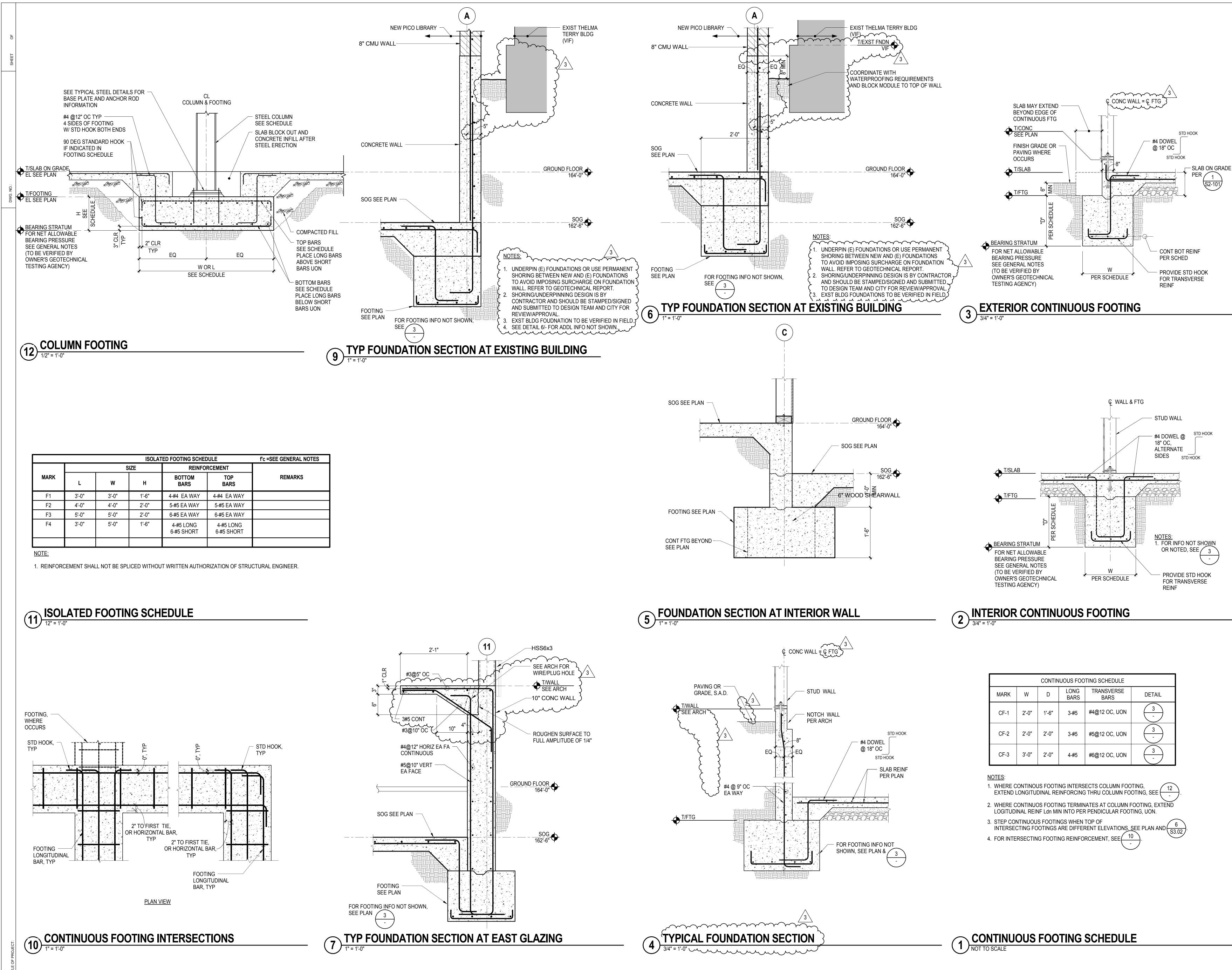
PLAN CHECK 2

PLAN CHECK 1

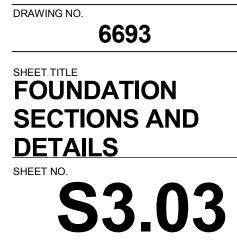
100% CONSTRUCTION DOCUMENTS

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BRANCH LIBRARY σ ∠B ∠C °ico Mo Ο **DC** 201P Santa 22 Sa PROJECT KoningEizenberg Architecture 1454 25th St, Santa Monica, CA 90404 310.828.6131 info@kearch.com 310.828.0719 fax www.kearch.com ARCHITECT'S PROJECT NO. 1001 ARCHITECT All designs, ideas, arrangements and plans indicated by these drawings are the property and copyright of the Architect and shall neither be used on any other work nor be disclosed to any other person for any use whatsoever without written permission. Koning Eizenberg Architecture and/or its principals and employees waives any and all liability or responsibility for problems that may occur when these plans, drawings, specifications, and/or designs are followed without the professional's guidance with ambiguities, or conflicts which are alleged. No. S4160 Exp. 12-31-12 **Thornton Tomasetti** Thornton Tomasetti, Inc. 6080 Center Drive, Suite 260 Los Angeles CA 90045-9204 **T** 310.665.0010 **F** 310.665.0101 CONSULTANT City of Santa Monica Architecture Services 1437 4TH STREET, SUITE 300 SANTA MONICA, CA 90401 TEL. (310) 458-2205 FAX. (310) 399-1541 architecture@smgov.net c: _____ 20 ___ DATE : SUBMITTED BY : DATE : 20 _____ APPROVED BY : Miriam Mulder, Architecture Services Manager CITY OF SANTA MONICA DEPARTMENT OF PUBLIC WORKS REVIEWED BY : DATE : _____ 20 ____ REVIEWED BY : DATE : _____ 20 ____



		CONTIN	IUOUS FOO	TING SCHEDULE	
MARK	W	D	LONG BARS	TRANSVERSE BARS	DETAIL
CF-1	2'-0"	1'-6"	3-#5	#4@12 OC, UON	
CF-2	2'-0"	2'-0"	3-#5	#5@12 OC, UON	
CF-3	3'-0"	2'-0"	4-#5	#6@12 OC, UON	



07/16/2012

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	06/20/12		PLAN CHECK 2
	05/07/12		PLAN CHECK 1
	02/21/12		ADDENDUM 2
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CITY OF SANTA MONICA DEPARTMENT OF PUBLIC WORKS

APPROVED BY : Miriam Mulder, Architecture Services Manager

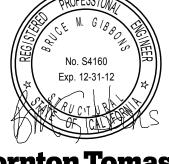
SUBMITTED BY







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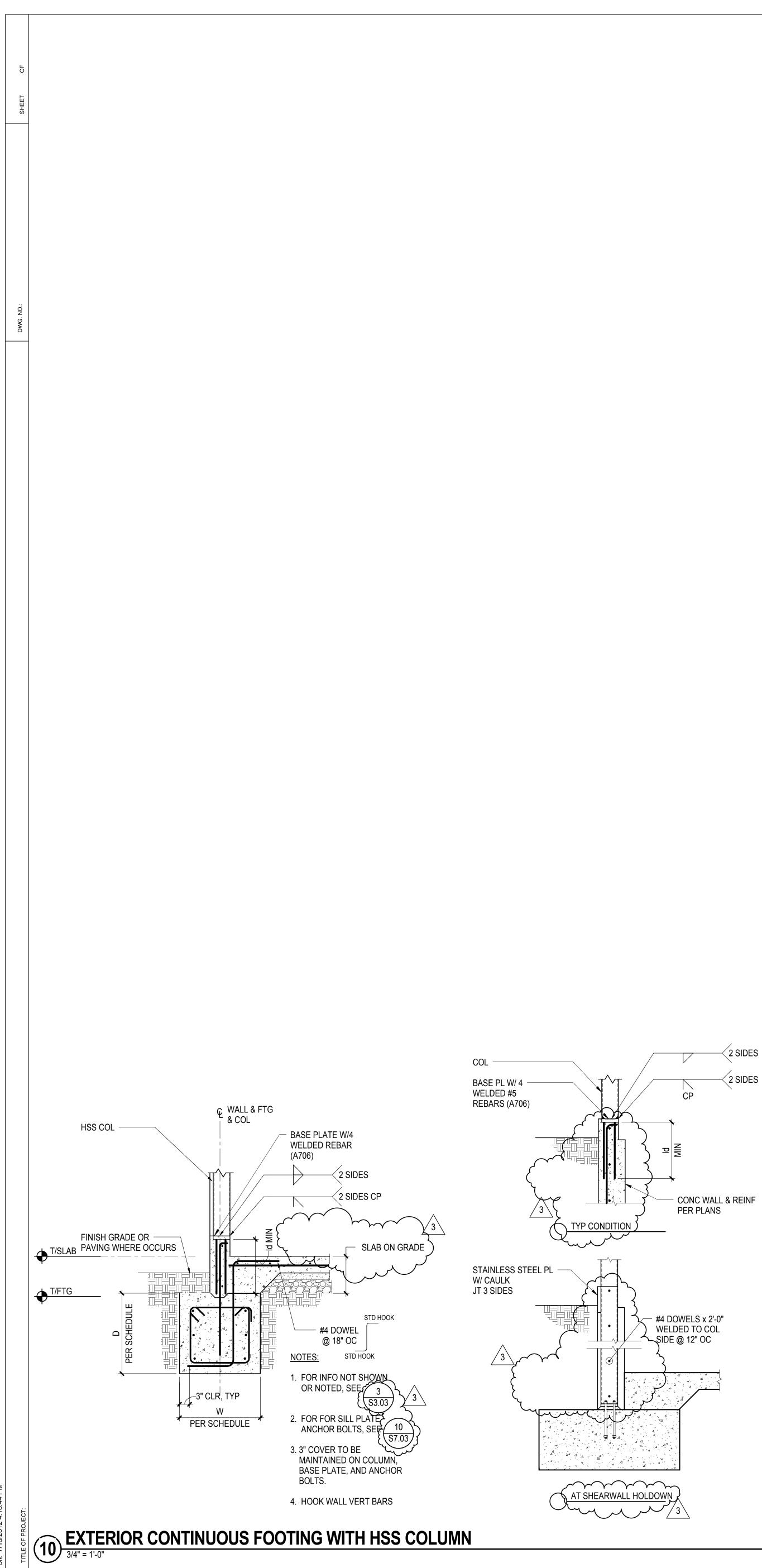
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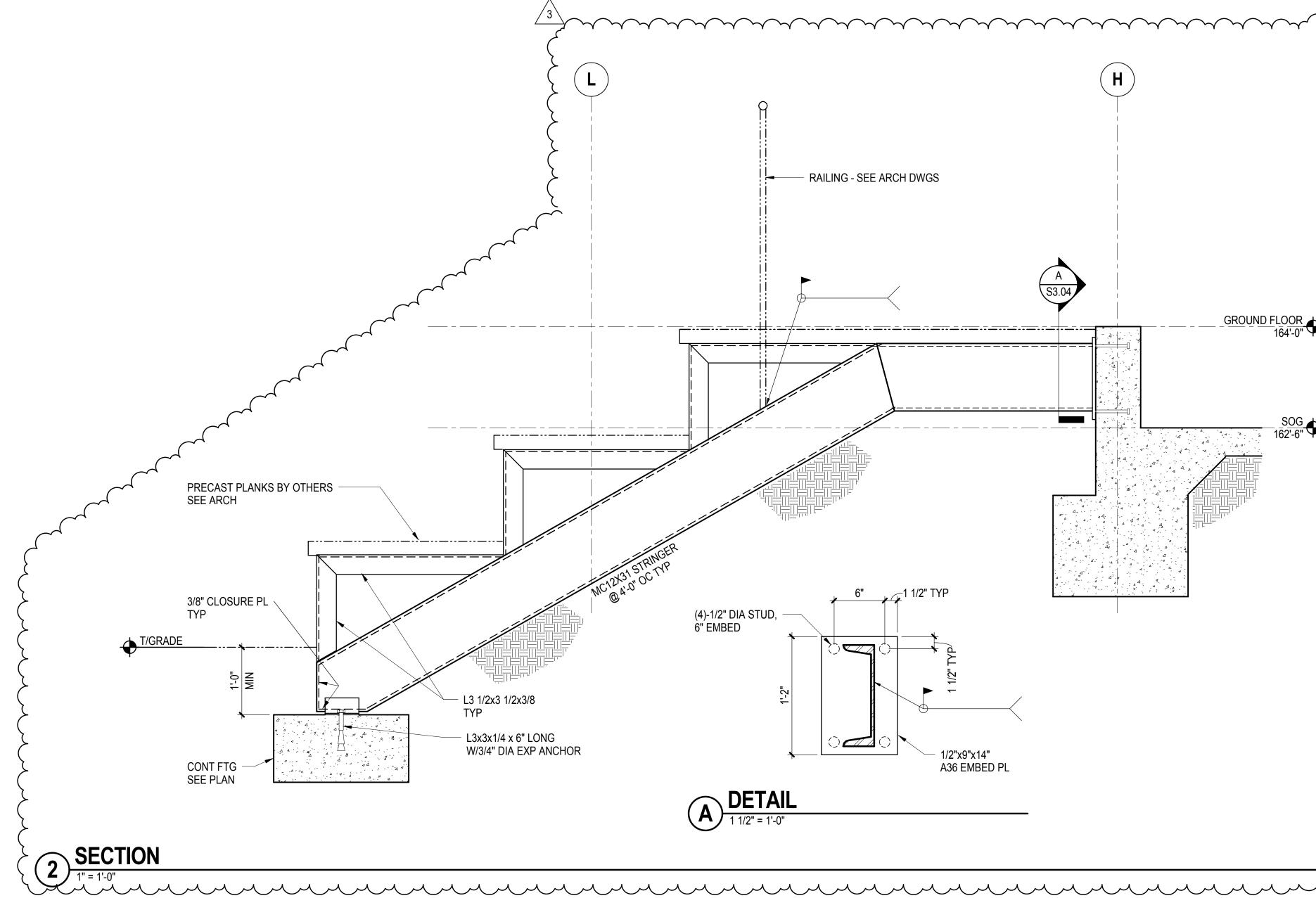
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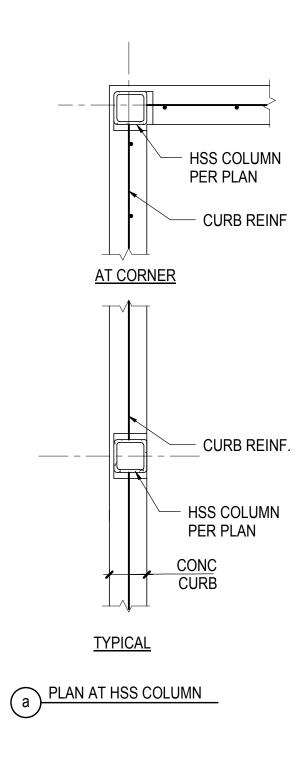
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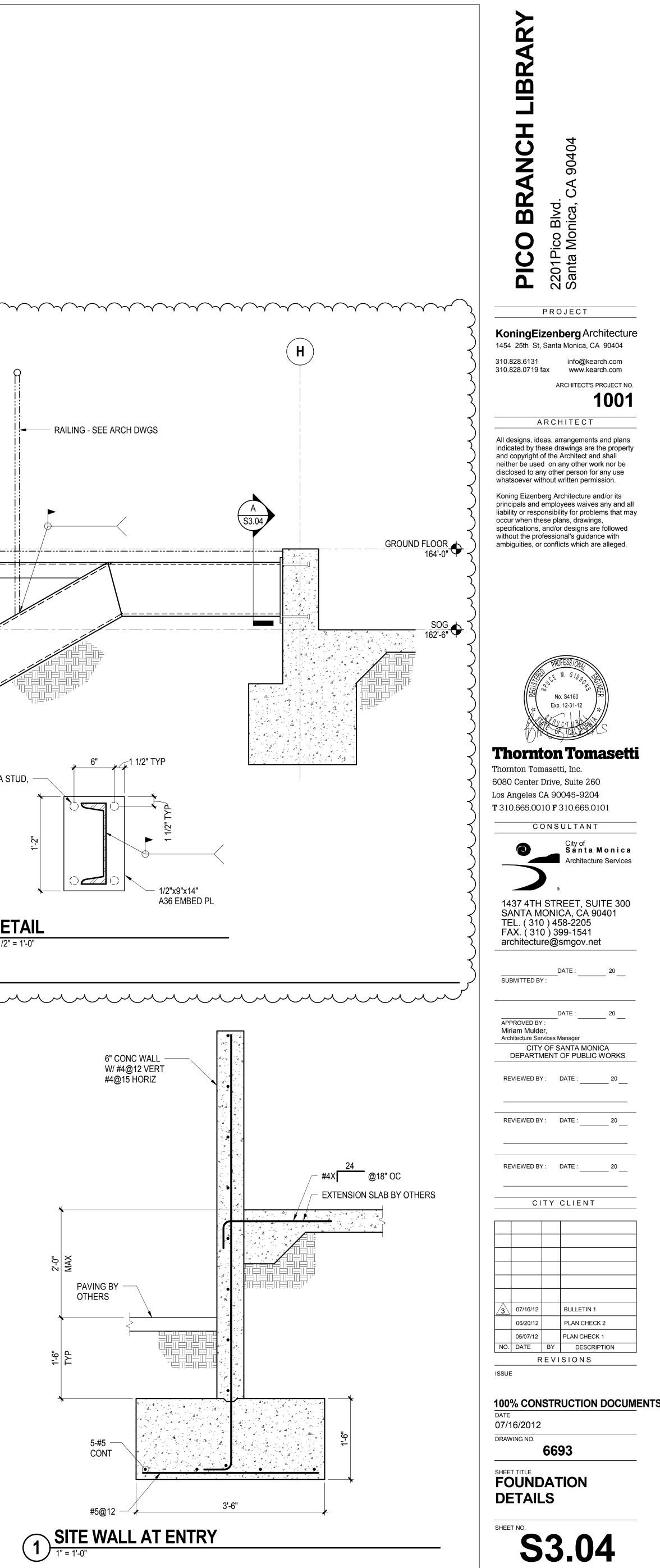
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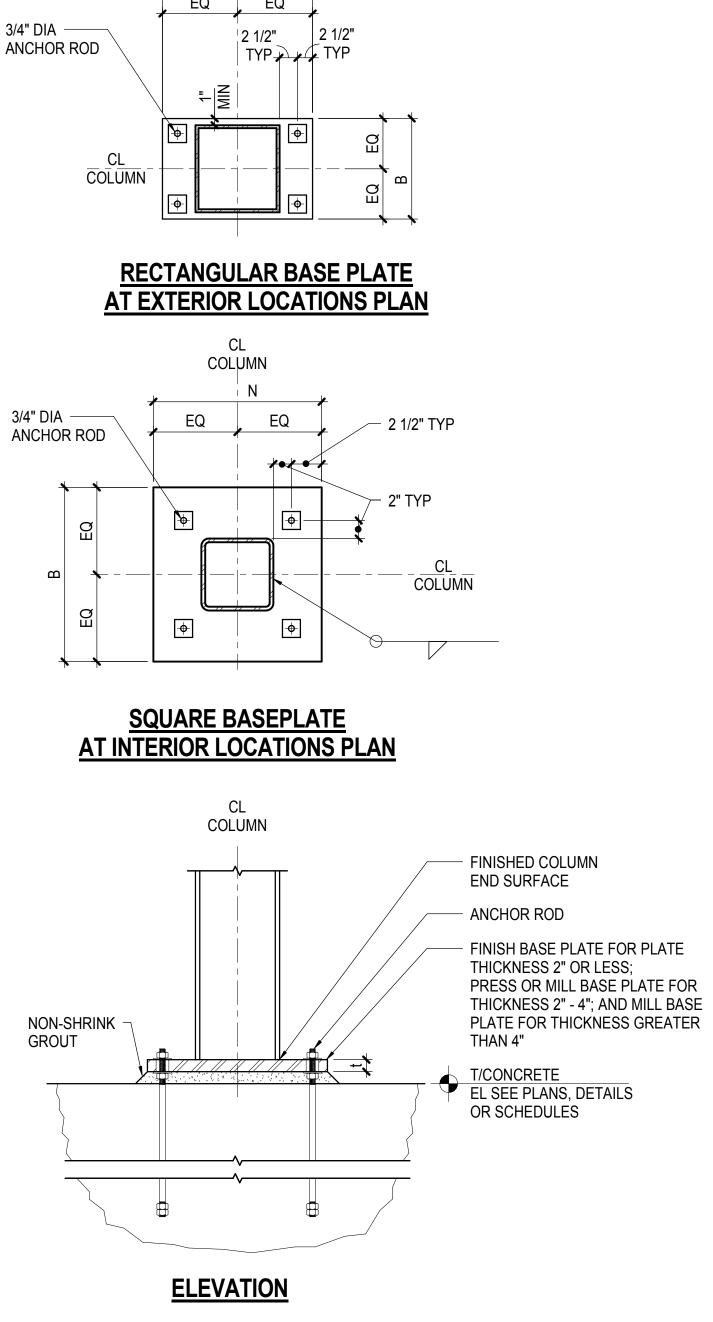
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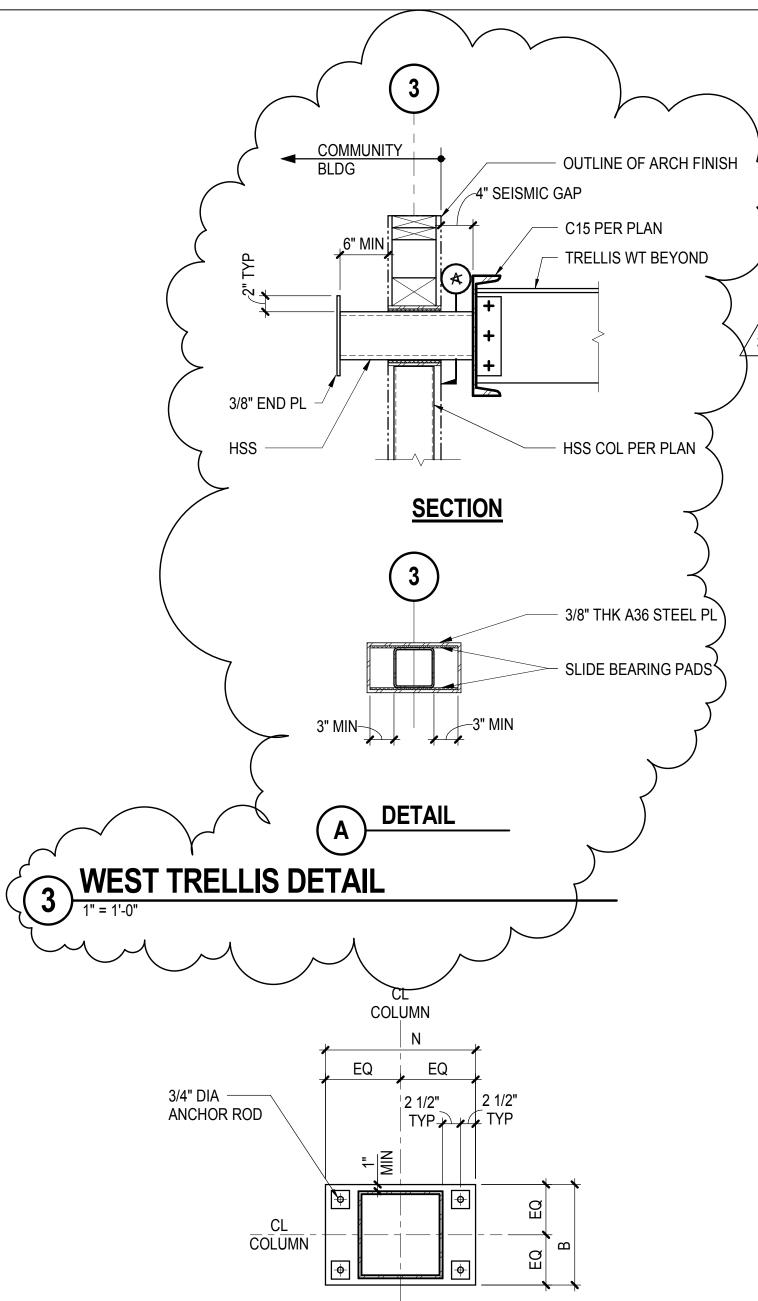
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1 TYPICAL BASEPLATE DETAILS

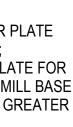
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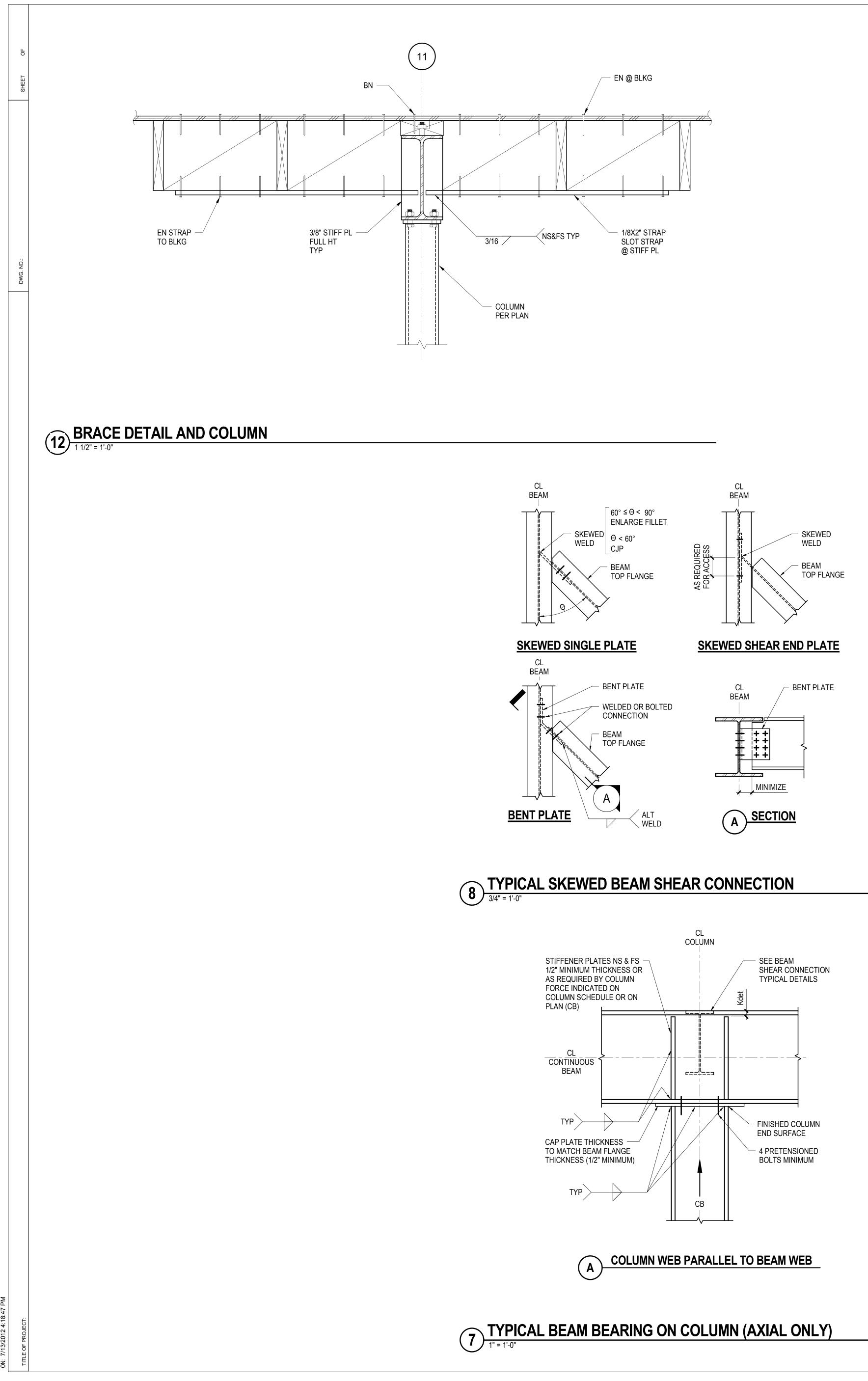
- ADDITIONAL INFORMATION. 5. CONTRACTOR'S OPTION TO FIELD WELD COLUMNS TO BASEPLATES FOR HEAVY BASEPLATES.
- 3. COLUMN STABILITY DURING ERECTION IS RESPONSIBILITY OF CONTRACTOR 4. SEE ANCHOR ROD SCHEDULE AND TYPICAL ANCHOR ROD DETAIL FOR
- MILLING IS COMPLETED.
- 2. BASE PLATE THICKNESS SHOWN IS A MIN. DIMENSION AFTER ALL
- 1. SEE COLUMN SCHEDULE FOR BASE PLATE SIZE, ORIENTATION AND THICKNESS.

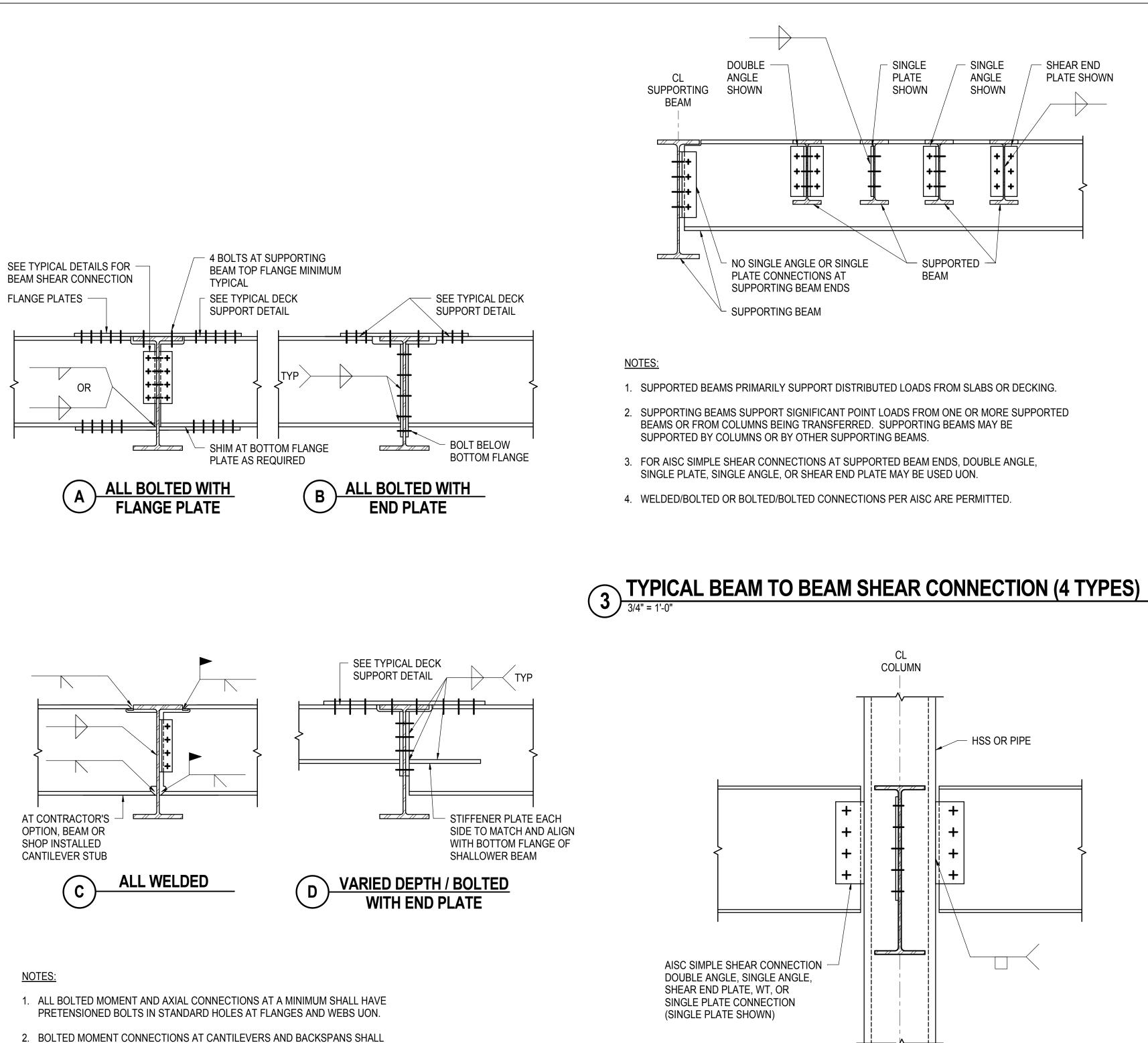


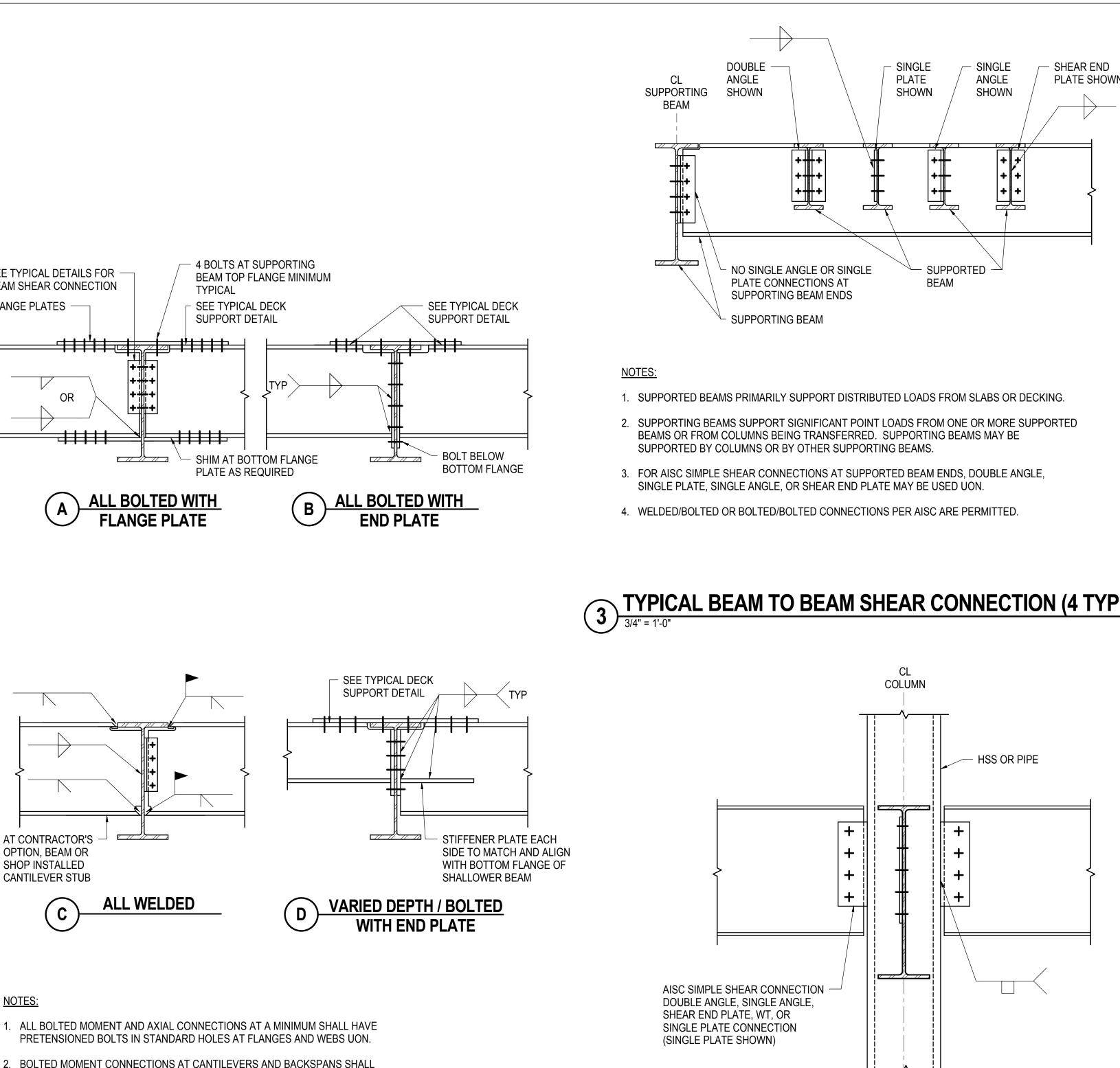




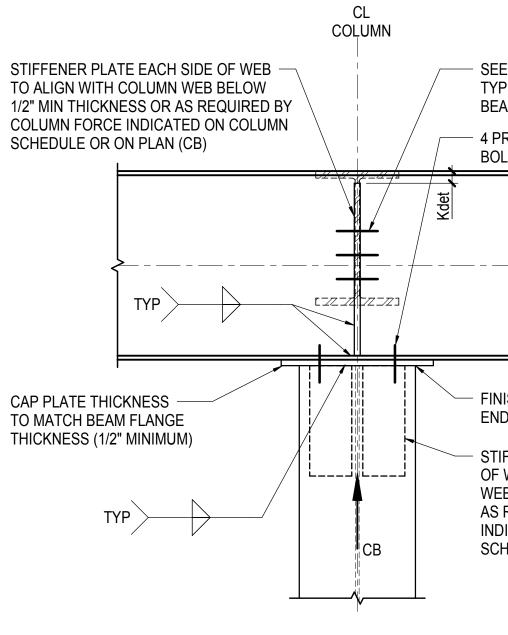








- USE SLIP CRITICAL BOLTS.
- 5 TYPICAL BEAM TO BEAM MOMENT CONNECTION



B

COLUMN WEB PERPENDICULAR TO BEAM WEB

2 TYPICAL BEAM TO HSS/PIPE COLUMN SHEAR CONNECTION

SEE BEAM SHEAR CONNECTION TYPICAL DETAILS AT TRANSVERSE **BEAM CONNECTION**

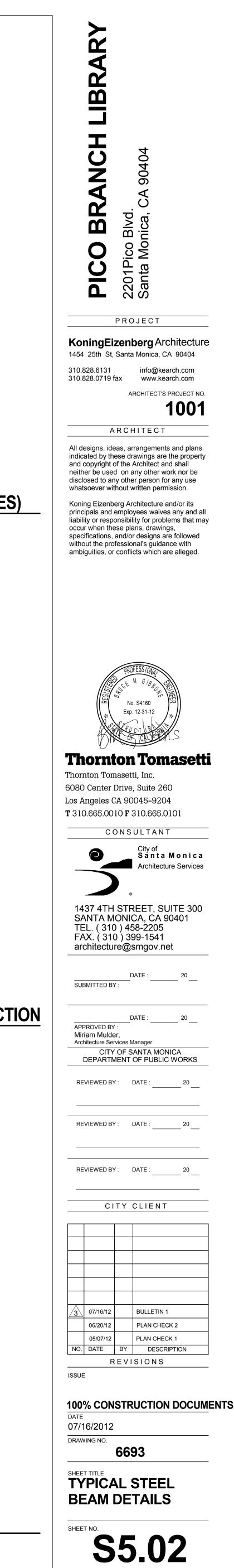
- 4 PRETENSIONED BOLTS MINIMUM

> CONTINUOUS BEAM

FINISHED COLUMN END SURFACE

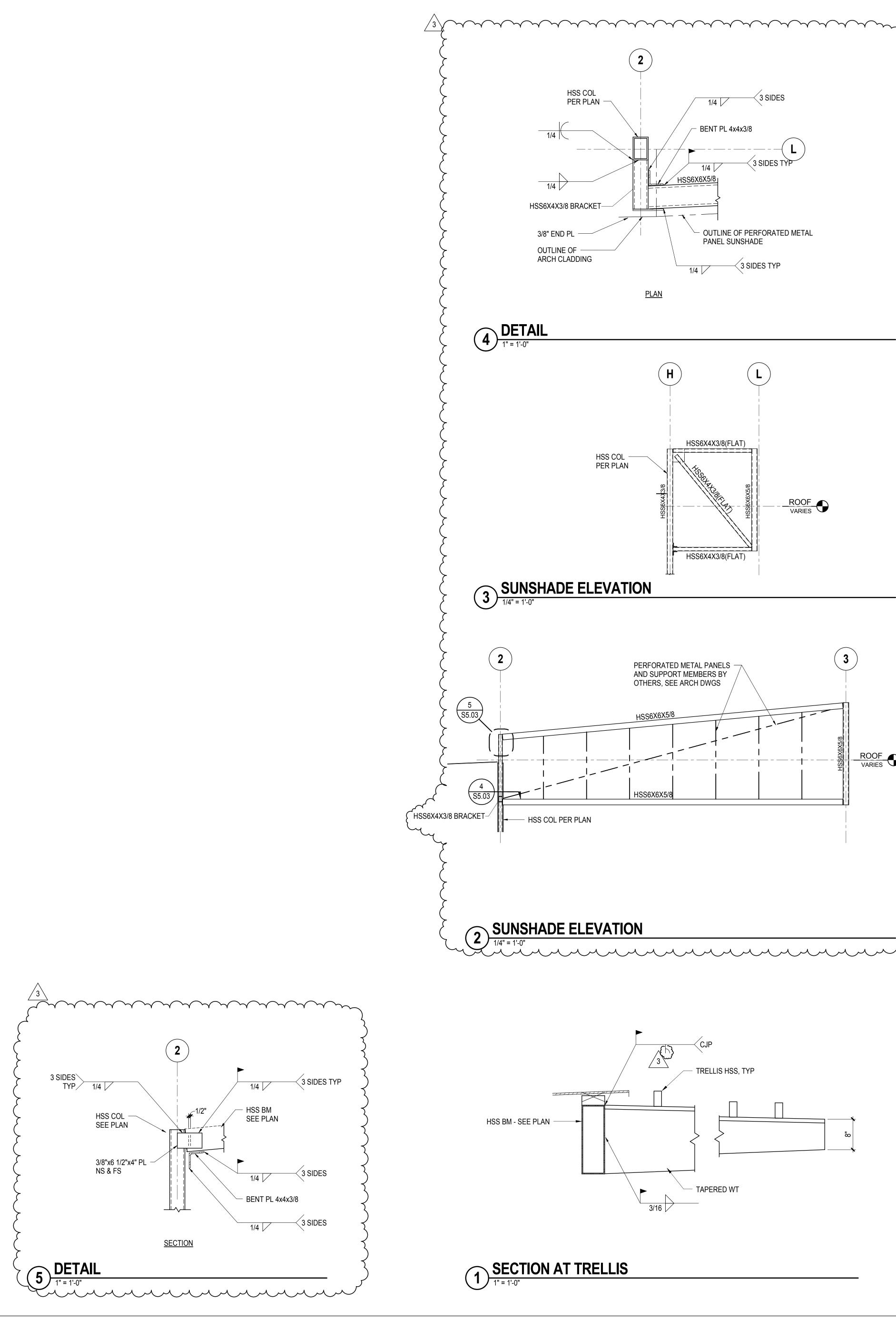
— STIFFENER PLATE EACH SIDE OF WEB TO ALIGN WITH BEAM WEB 1/2" MINIMUM THICKNESS OR AS REQUIRED BY COLUMN FORCE INDICATED ON COLUMN SCHEDULE OR ON PLAN (CB)

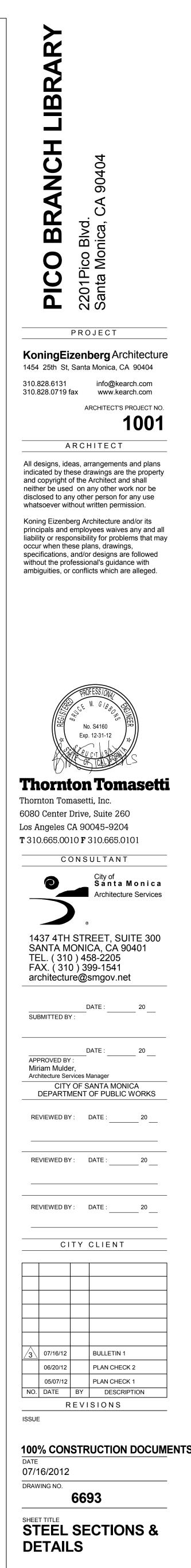




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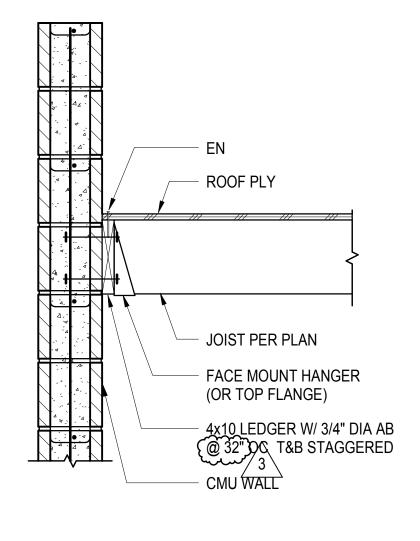


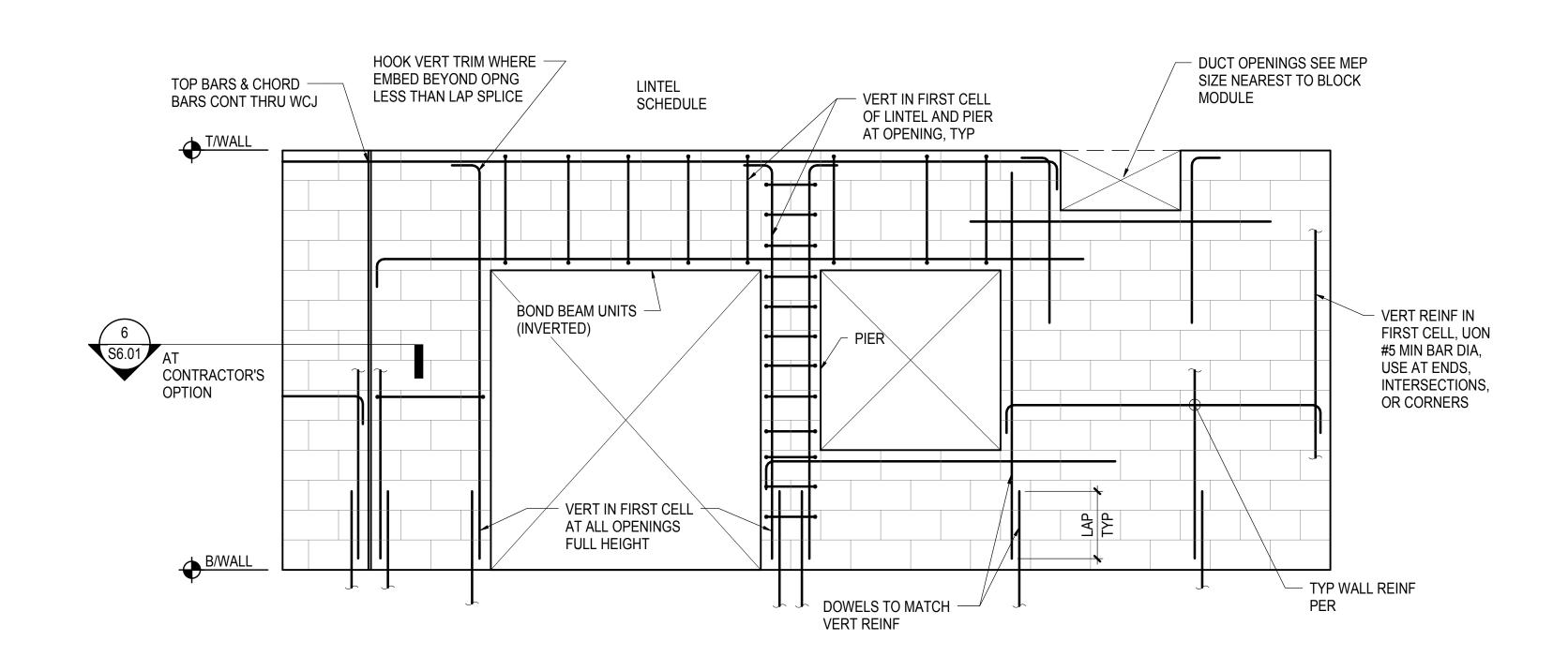
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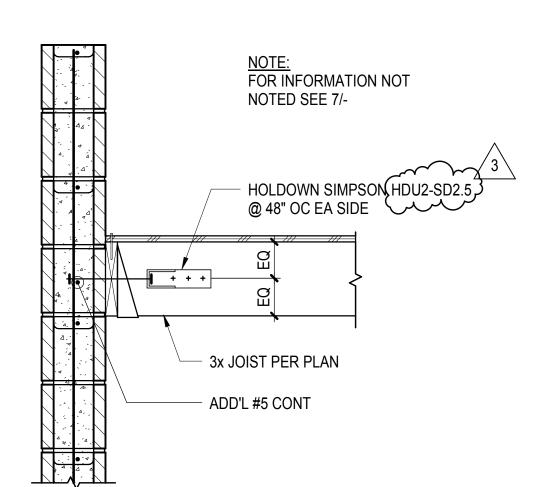
DIST PERPENDICULAR TO EXTERIOR CMU WALL

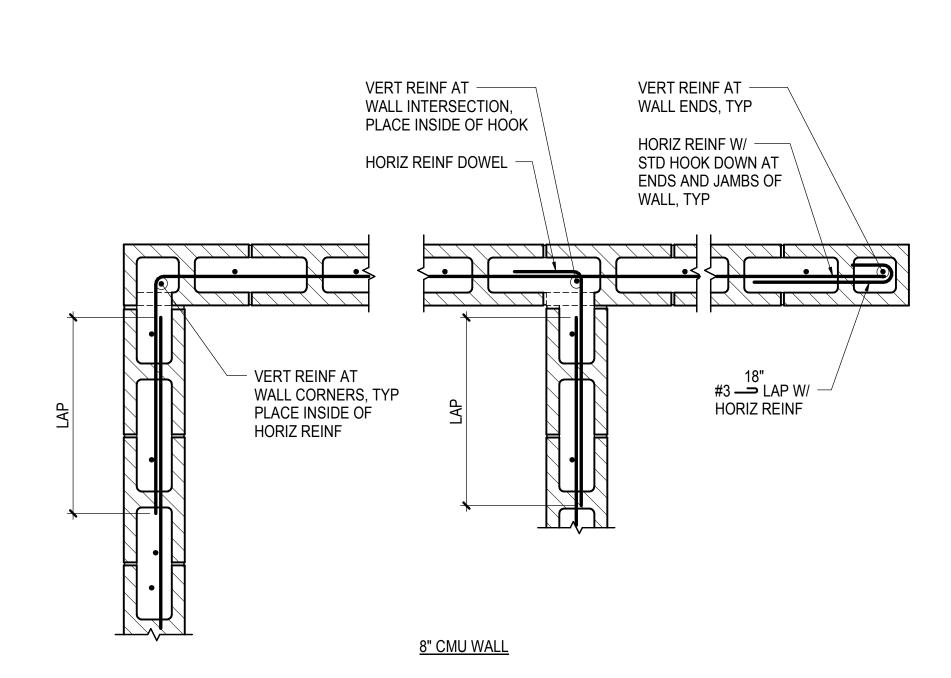




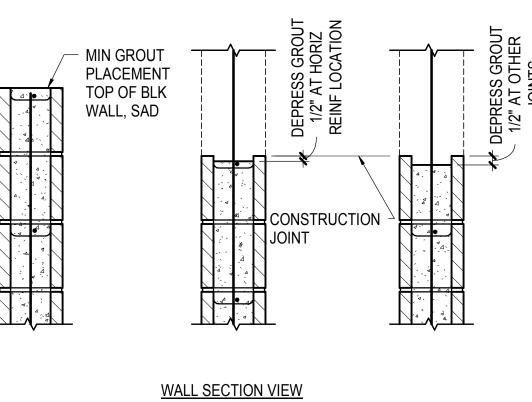
LL TIE AT PERPENDICULAR JOISTS

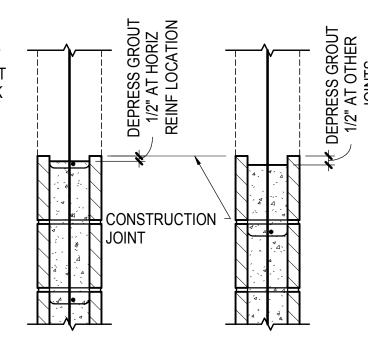




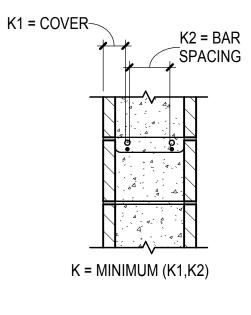


6 CMU WALL CONSTRUCTION JOINTS





	LAP SPLICE	ELENGTH (f'm =	= 2500 PSI)
BAR SIZE	FOR K ≥ 2db	FOR K ≥ 3db	FOR K ≥ 4db
#3	N.A.	1'-8"	1'-3"
#4	3'-0"	2'-2"	1'-8"
#5	3'-9"	2'-9"	2'-1"
#6	4'-6"	4'-3"	3'-3"
#7	5'-3"	5'-0"	3'-9"
#8	6'-0"	6'-0"	4'-11"
#9	6'-10"	6'-10"	5'-6"



(A) "K" DIMENSION

NOTES: 1. "K" SHALL BE TAKE AS THE CMU COVER DIMENSION OR THE CLEAR SPACING BETWEEN ADJACENT BARS, WHICHEVER IS LESS. SEE DETAIL "A" ABOVE. 2. WHERE EPOXY-COATED REINFORCING IS USED, INCREASE LAP SPLICE LENGTH

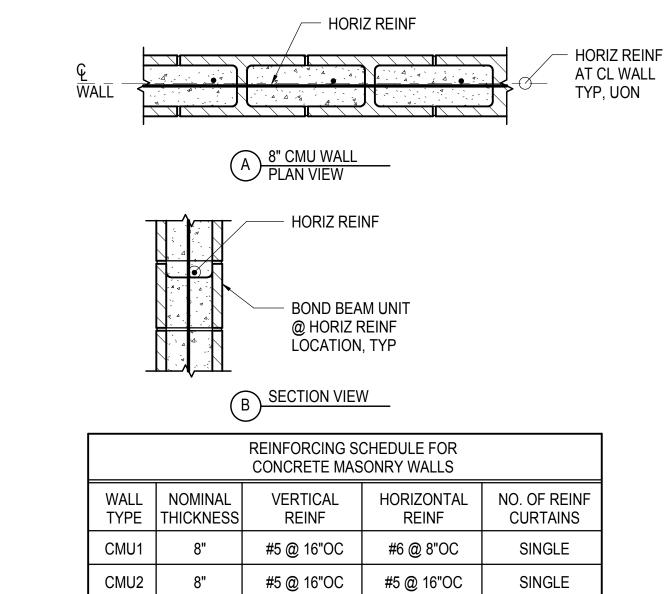
BY 50%.

3. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS SHALL BE STAGGERED. 4. SPLICES OF HORIZONTAL REINFORCEMENT IN WALLS CONTAINING TWO

CURTAINS OF REINFORCEMENT SHALL NOT OCCUR IN THE SAME LOCATION.

5. "N.A." MEANS "NOT ALLOWABLE". INCREASE "K" FOR ALLOWABLE LAP SPLICE.

REBAR OFFSET AND LAP SPLICE $3 \frac{\text{CMU f'm = 2500 PSI}}{1^{"} = 1^{'-0^{"}}}$



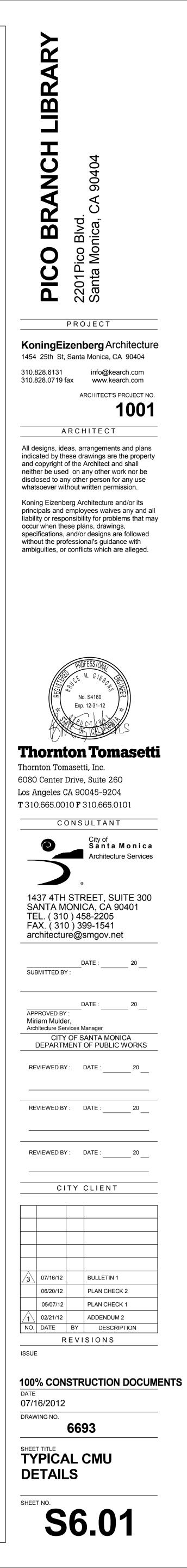
/1U2	8"

NOTES:

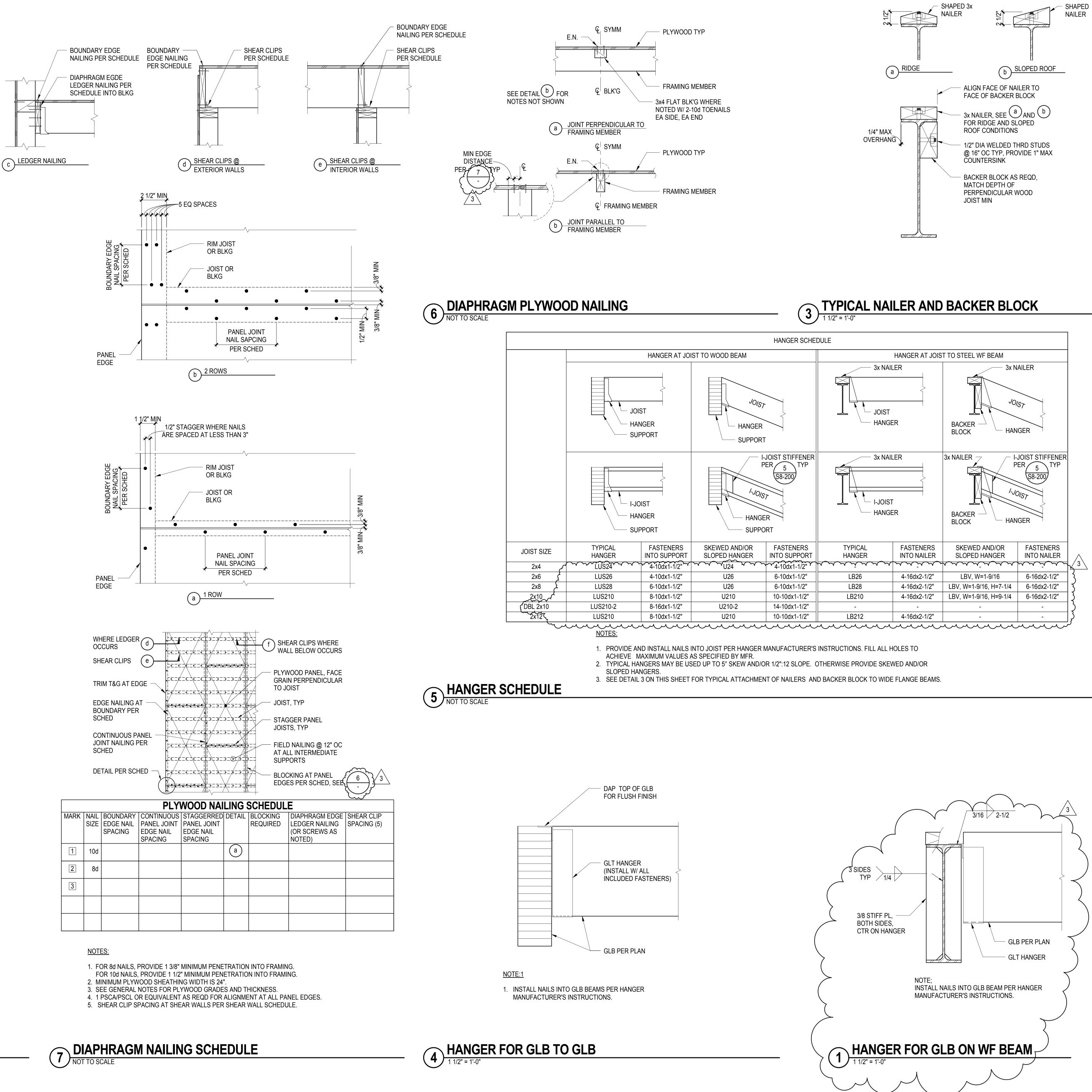
- 1. SEE PLANS FOR WALL TYPE LOCATIONS.
- 2. LAP SPLICE REINFORCING PER 3/-. 3. CMU SHALL BE RUNNING BOND AND FULLY GROUTED, UON.
- 4. USE DOUBLE OPEN END BLOCKS TO THE EXTENT PRACTICAL TYP,
- DO NOT PLACE CLOSED SIDES BACK TO BACK. 5. SEE STRUCTURAL GENERAL NOTES FOR MATERIAL SPECIFICATION,
- 6. FOR WALL CONSTRUCTION JOINTS, SEE DETAIL 6/-.
- 7. FOR WALL CORNERS & INTERSECTIONS, SEE DETAIL 5/-

2 CMU WALL REINFORCING SCHEDULE

4 TYPICAL CMU WALL ELEVATION W/ OPENINGS



2.	Joist to sill or girder, toenail	NAILING ^{a,m} 3-8d
	Bridging to joists, toenail each end	2-8d
3.	1" x 6" subfloor or less to each joist, face nail	2-8d
4.	Wider than 1" x 6" subfloor to each joist, face nail	3-8d
5. 6.	2" subfloor to joist or girder, blind and face nail Sole plate to joist or blocking, typical face nail	2-16d 16d at 16" OC
	Sole plate to joist or blocking, at braced wall panels	3-16d per 16"
7.	Top plate to stud, end nail	2-16d
8.	Stud to sole plate	4-8d, toenail or 2-16d, end nail ^(s)
9.	Double studs, face nail	16d at 24"OC
10.	Double top plates, typical face nail	16d at 16"OC UON
11.	Blocking between joists or rafters to top plate, toenail	3-8d
12. 13.	Rim joist to top plate, toenail Top plates, laps and intersections, face nail	8d at 6" OC 2-16d
13.	Continuous header, two pieces	16d at 16" OC
15.	Ceiling joists to plate, toenail	along each side 3-8d
15.	Continuous header to stud, toenail	4-8d
17.	Ceiling joist, laps over partitions, face nail	3-16d ^q
18.	Ceiling joists to parallel rafters, face nail	3-16d ^q
19.	Joist or rafters at all bearings-toenails, each side	3-8d ^r
20.	1" brace to each stud and plate, face nail	2-8d
21.	1" x 8" sheathing or less to each bearing, face nail	3-8d
22. 23.	Wider than 1" x 8" sheathing to each bearing, face nail Built-up corner studs	3-8d 16d at 24" OC
23.	Built-up girder and beams ⁵	20d at 32" OC face nail a
		top & bottom & staggered 2-20d face nail at ends & at each splice
25.	2" planks	16d at each bearing
26.	Collar tie to rafter, face nail	3-10d
27.	Jack rafter to hip, toenail Jack rafter to hip, toenail	3-10d 2-16d
28.	Roof rafter to 2-by ridge beam, toenail	2-16d
29.	Roof rafter to 2-by ridge beam, face nai Joist to band joist, face nail	2-16d 3-16d
30.	Ledger strip, face nail	3-16d
31.	Wood structural panels and particleboard b	
	Subfloor, roof and wall sheathing (to framing): 1/2" and less	6d ^C
	19/32" - 3/4" 7/8" - 1"	8d ^d or 6d ^e 8d ^e
	1 1/8" - 1 1/4"	10d ^d or 8d ^e
	Combination subfloor-underlayment (to framing): 3/4" and less	6d ^e
	7/8" - 1" 1 1/8" - 1 1/4"	8d ^e 10d ^d or 8d ^e
32.	Panel siding (to framing):	
	1/2" or less 5/8"	6d ^f 8d ^f
33.	Fiberboard Sheathing: ^g 1/2"	No.,11 ga. ^h
		6d ^d No. 16 ga. ⁱ
	25/32"	C
		No. 11 ga. ^h 8d ^d i
		No. 16 ga. ¹
34.	Interior paneling 1/4"	4d ^j
1	3/8"	6d ^K
<u>F00</u>	TNOTES:	
<u>F00</u> a.	<u>TNOTES:</u> Use common wire nails except where otherwise stated	1.
	Use common wire nails except where otherwise stated Nails spaced at 6 inches on center at edges. 12 inches	s at intermdiate supports e
a.	Use common wire nails except where otherwise stated Nails spaced at 6 inches on center at edges. 12 inche inches at all supports where spans are 48 inches or m panel and particleboard diaphragms and shear walls,	s at intermdiate supports e ore. For nailing of wood st refer to Sections 2305.
a.	Use common wire nails except where otherwise stated Nails spaced at 6 inches on center at edges. 12 inches inches at all supports where spans are 48 inches or m	s at intermdiate supports e ore. For nailing of wood st refer to Sections 2305. g.
a. b.	Use common wire nails except where otherwise stated Nails spaced at 6 inches on center at edges. 12 incher inches at all supports where spans are 48 inches or m panel and particleboard diaphragms and shear walls, Nails for wall sheathing may be common, box or casin	s at intermdiate supports e ore. For nailing of wood st refer to Sections 2305. g.
a. b. c. d.	Use common wire nails except where otherwise stated Nails spaced at 6 inches on center at edges. 12 inches inches at all supports where spans are 48 inches or m panel and particleboard diaphragms and shear walls, Nails for wall sheathing may be common, box or casin Common or deformed shank. (6d-2", 8d-2-1/2", 10d-3" Common. (6d-2", 8d-2-1/2", 10d-3")	s at intermdiate supports e ore. For nailing of wood st refer to Sections 2305. g.
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MARK	NAIL SIZE	BOUND EDGE N SPACIN
1	10d	
2	8d	
3		



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100% CONSTRUCTION DOCUMENTS

ISSUE

CITY CLIENT					
3	07/16/12		BULLETIN 1		
	06/20/12		PLAN CHECK 2		
	05/07/12		PLAN CHECK 1		
NO.	DATE	BY	DESCRIPTION		
REVISIONS					

REVIEWED BY : DATE :

REVIEWED BY : DATE :

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DEPARTMENT OF PUBLIC WORKS REVIEWED BY : DATE : _____ 20 ___

DATE : APPROVED BY : Miriam Mulder, Architecture Services Manager CITY OF SANTA MONICA

·_____ SUBMITTED BY :

SANTA MONICA, CA 90401 TEL. (310) 458-2205 FAX. (310) 399-1541 architecture@smgov.net



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Thornton Tomasetti Thornton Tomasetti, Inc. 6080 Center Drive, Suite 260 Los Angeles CA 90045–9204 **T** 310.665.0010 **F** 310.665.0101



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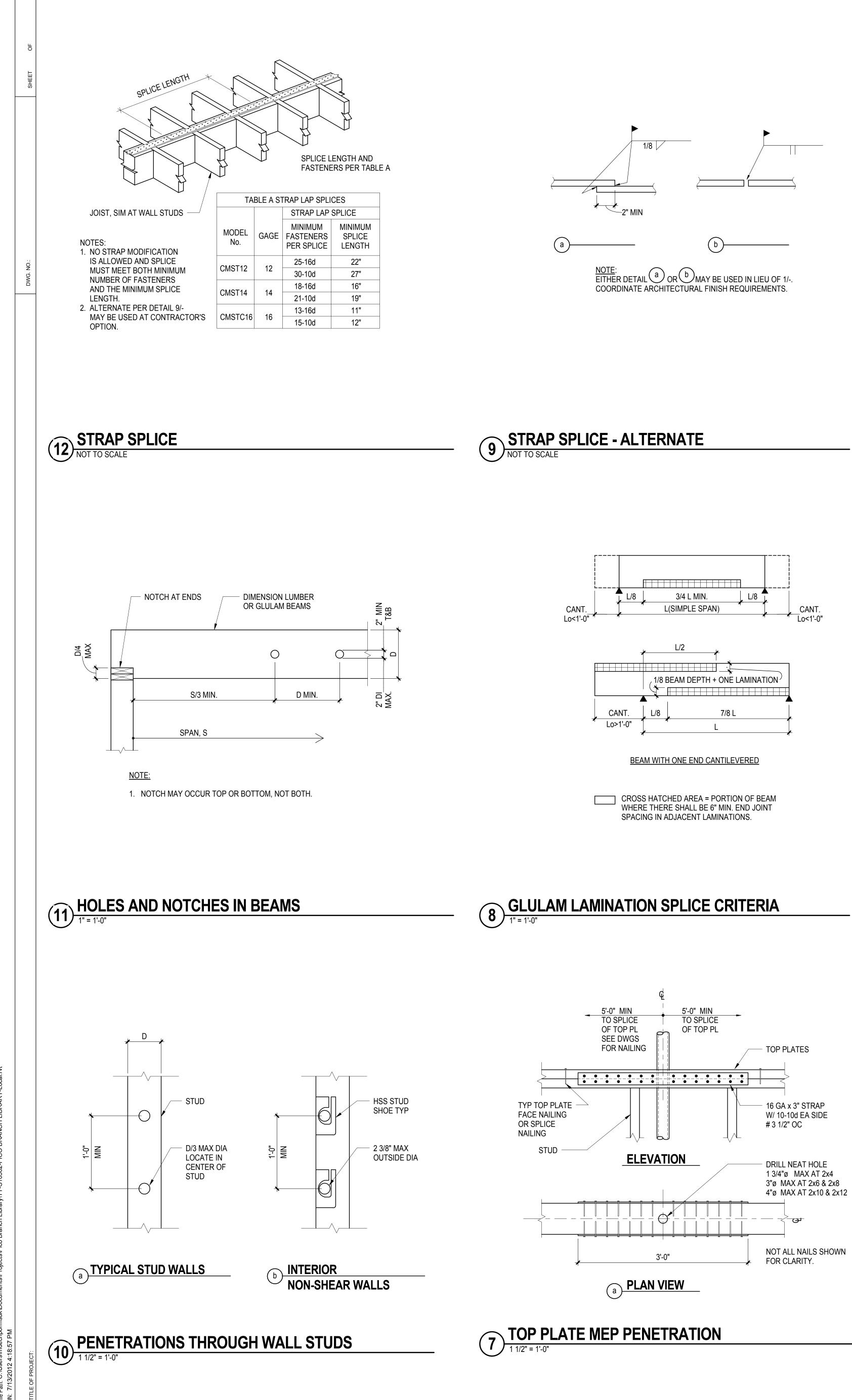
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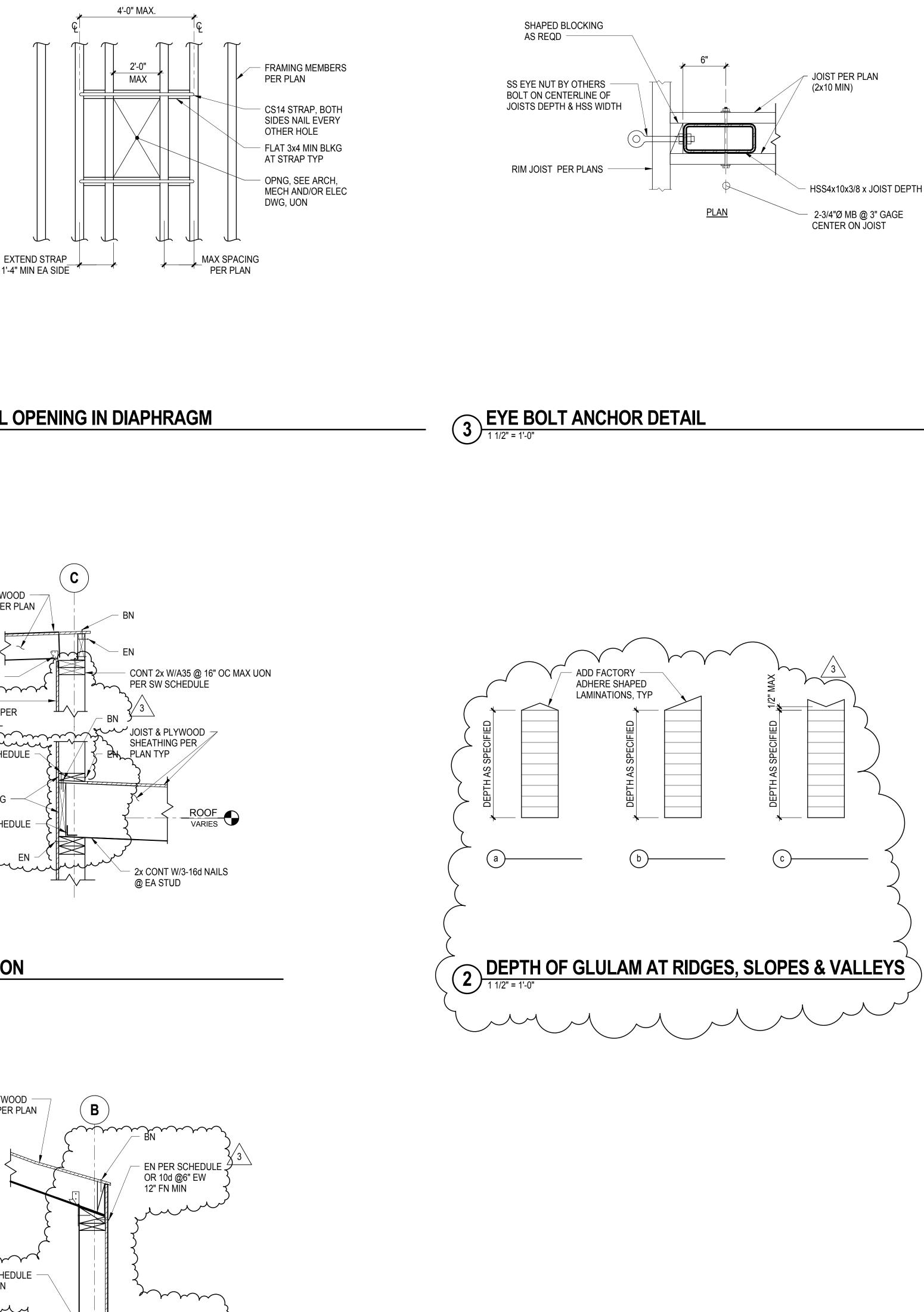
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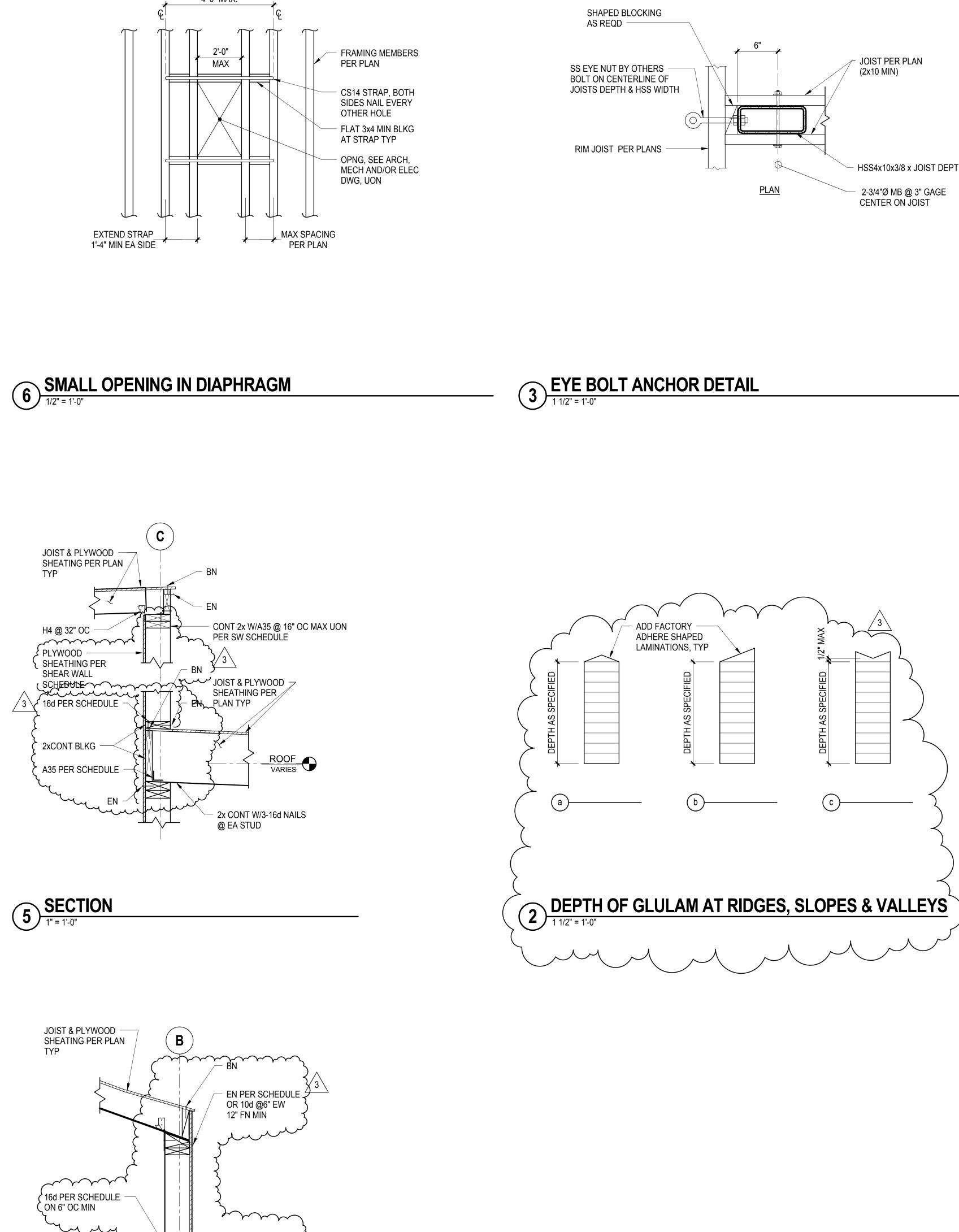
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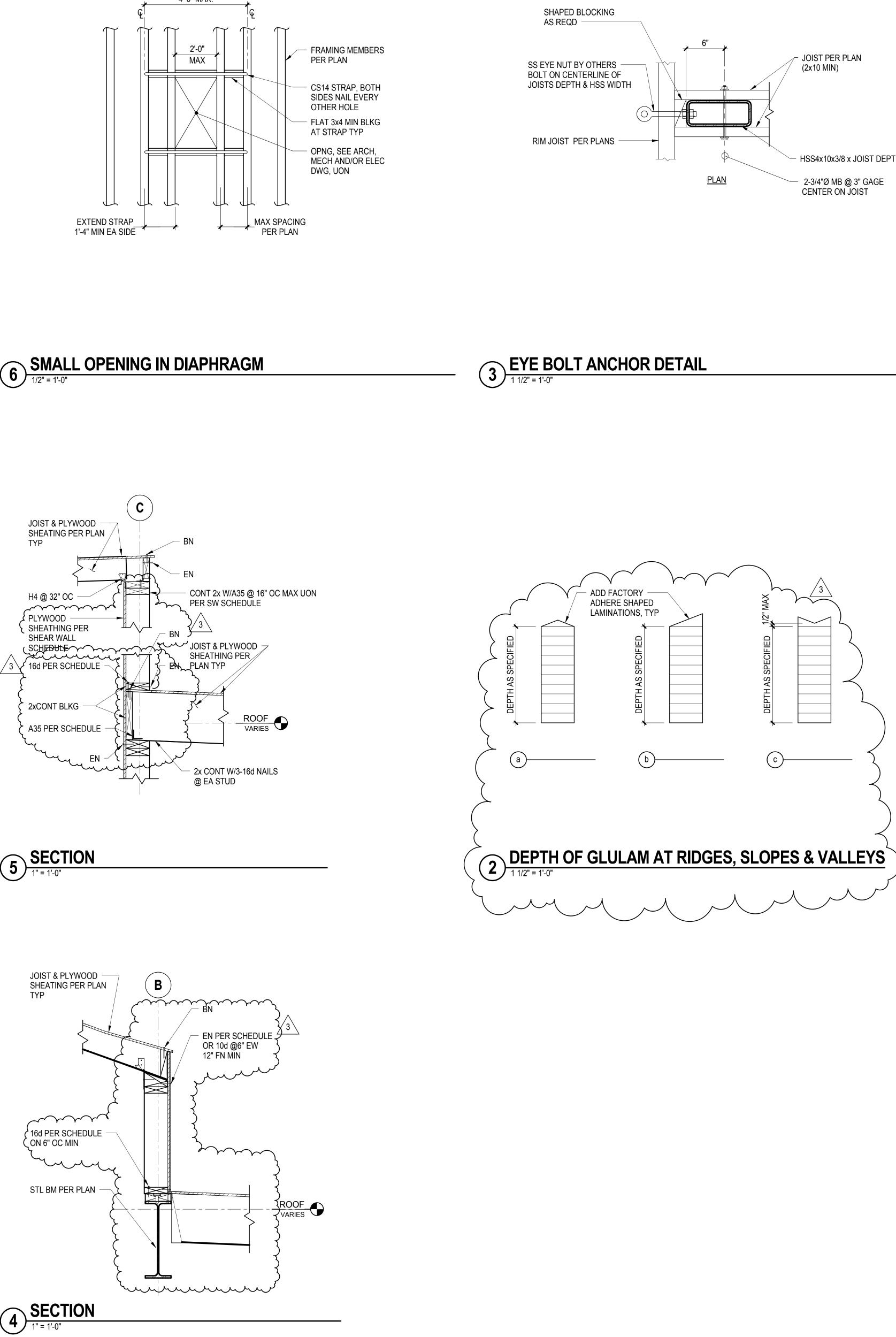
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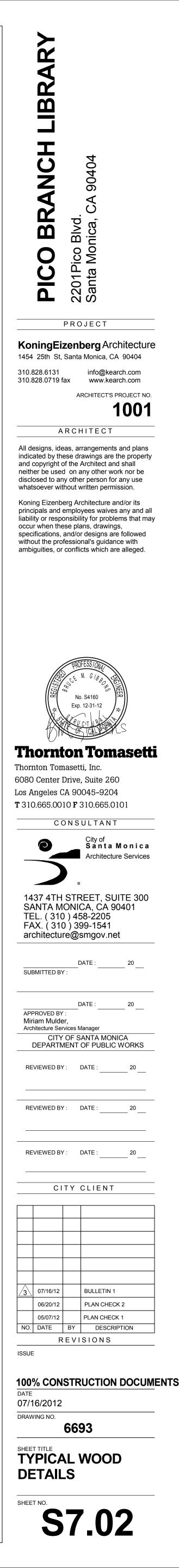


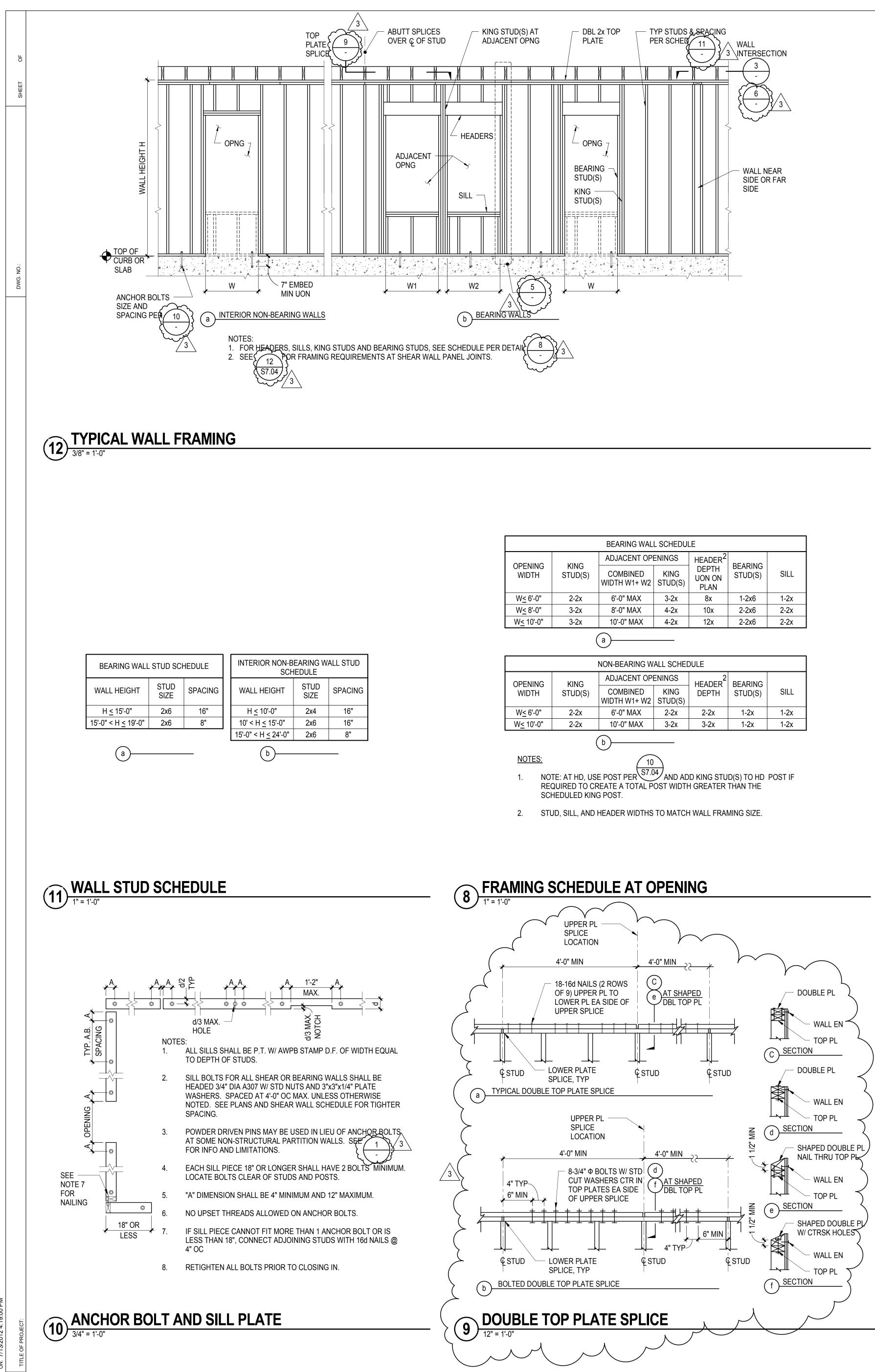


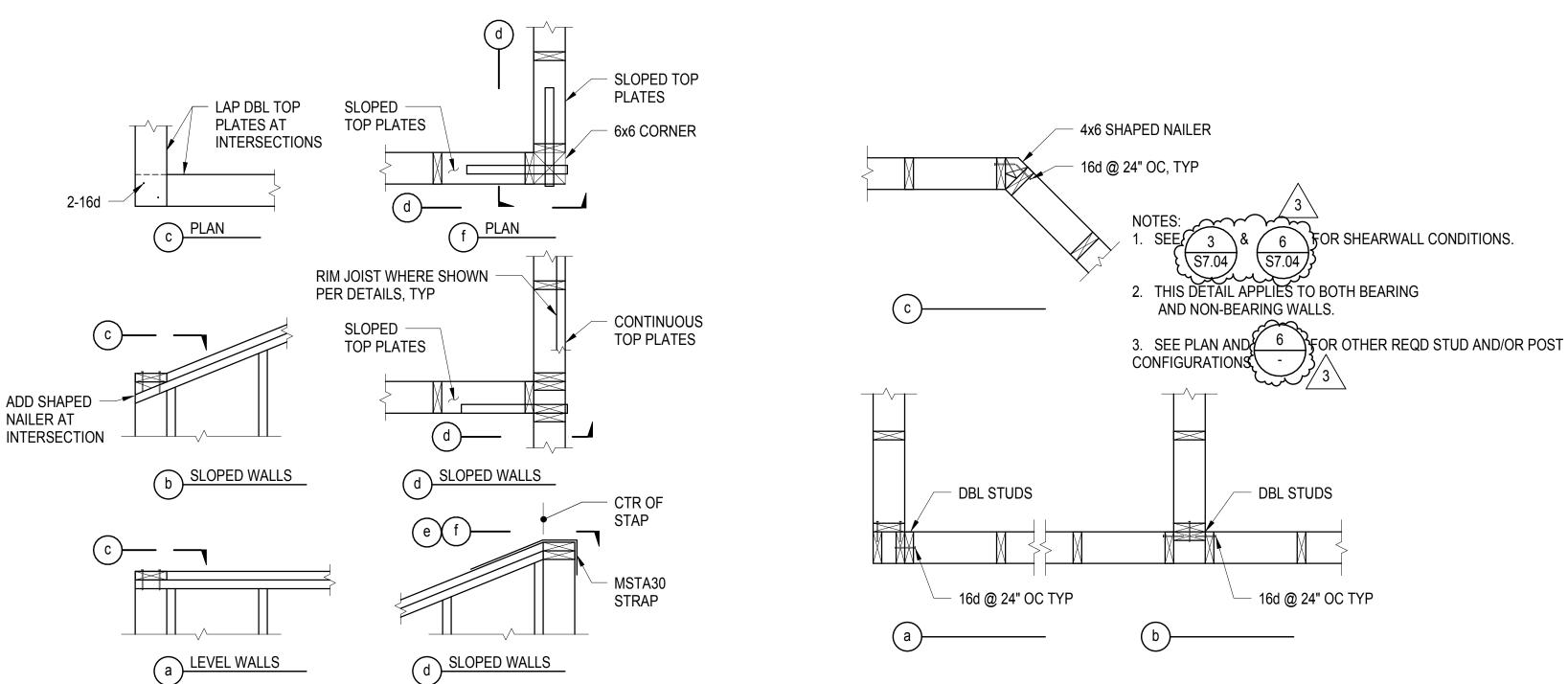






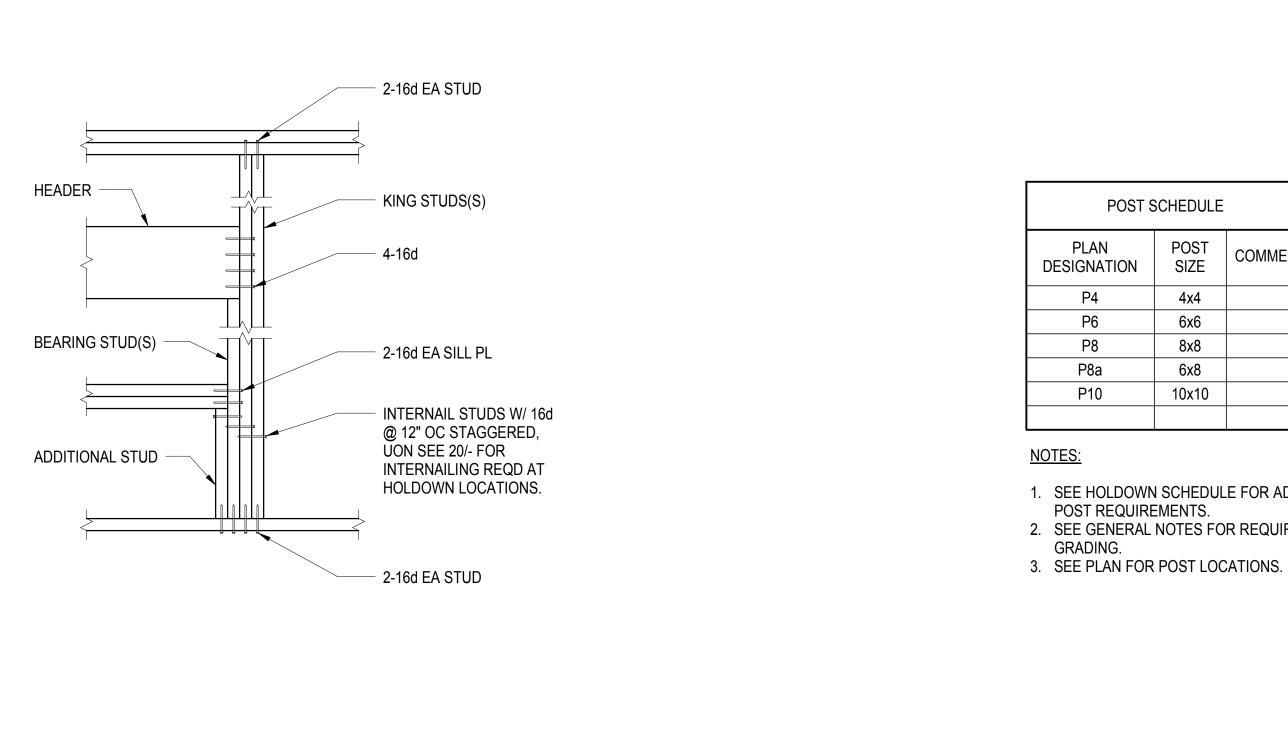




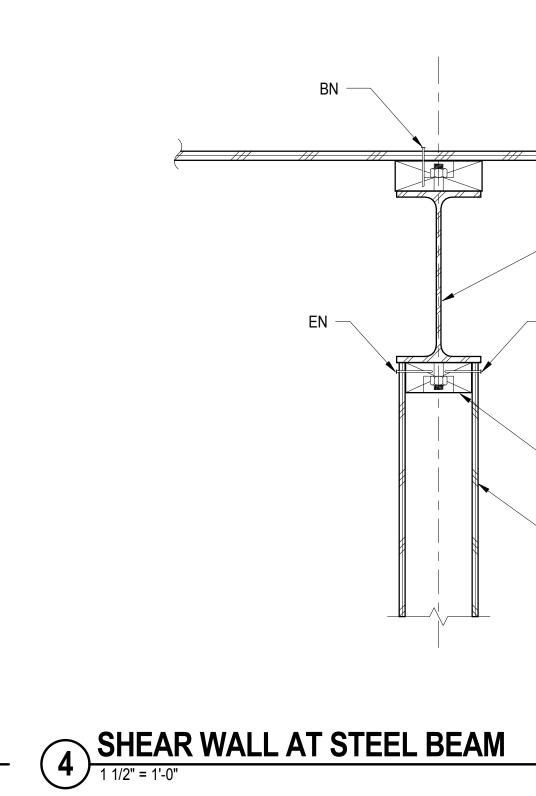


6 TOP PLATE INTERSECTIONS

		BEARING WAL	L SCHEDUI			
		ADJACENT OPENINGS		HEADER ²		SILL
S KING STUD(S)	COMBINED WIDTH W1+ W2	KING STUD(S)	DEPTH UON ON PLAN	BEARING STUD(S)		
	2-2x	6'-0" MAX	3-2x	8x	1-2x6	1-2x
	3-2x	8'-0" MAX	4-2x	10x	2-2x6	2-2x
	3-2x	a	4-2x	12x	2-2x6	2-2x
	-	\bigcirc			2-2x6	2-2x
	3-2x	a	ALL SCHEE	DULE 2		2-2x
	-	a NON-BEARING W	ALL SCHEE	DULE	2-2x6 BEARING STUD(S)	2-2x SILL
	3-2x KING	a NON-BEARING W ADJACENT OP COMBINED	ALL SCHEE ENINGS KING	DULE HEADER ²	BEARING	







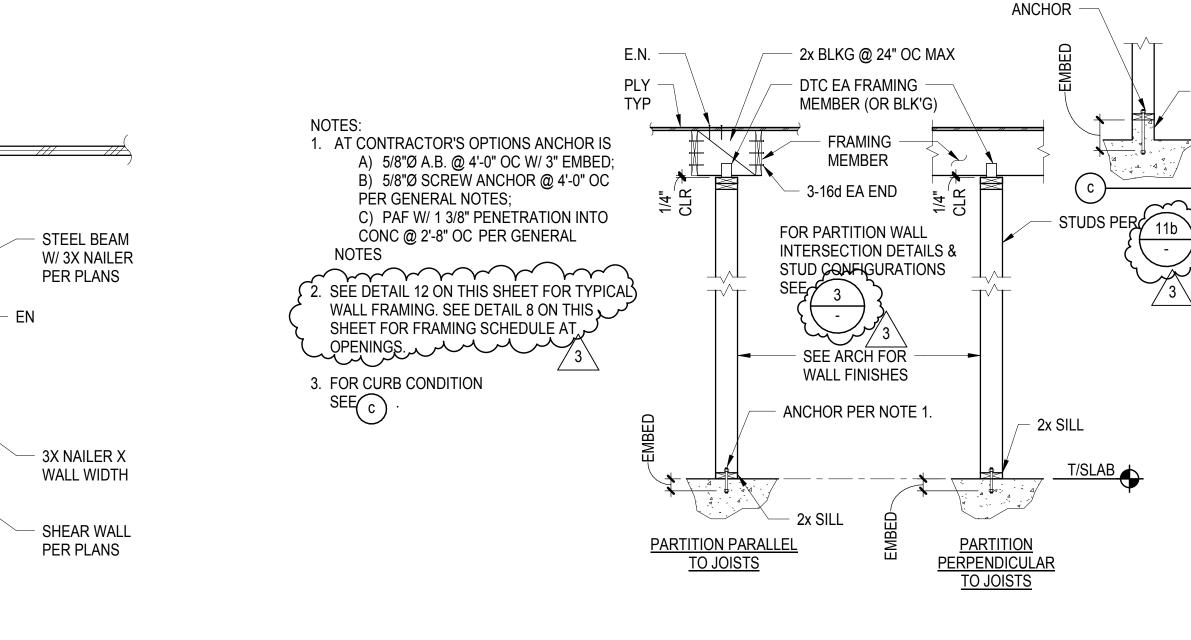
3 WALL INTERSECTIONS

POST SCHEDULE			
PLAN DESIGNATION	POST SIZE	COMMENTS	
P4	4x4		
P6	6x6		
P8	8x8		
P8a	6x8		
P10	10x10		

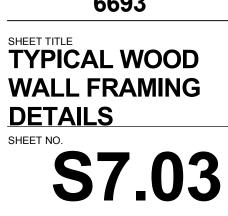
1. SEE HOLDOWN SCHEDULE FOR ADDITIONAL

POST REQUIREMENTS. 2. SEE GENERAL NOTES FOR REQUIRED LUMBER

2 POST SCHEDULE



1) NON-BEARING WALL PARTITION



DRAWING NO. 6693

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ISSUE

3	07/16/12		BULLETIN 1	
	06/20/12		PLAN CHECK 2	
	05/07/12		PLAN CHECK 1	
NO.	DATE	BY	DESCRIPTION	
REVISIONS				

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REVIEWED BY : DATE : _____ 20 ___ REVIEWED BY : DATE :

Architecture Services Manager CITY OF SANTA MONICA DEPARTMENT OF PUBLIC WORKS

DATE : APPROVED BY : Miriam Mulder,

_____ SUBMITTED BY

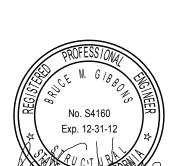




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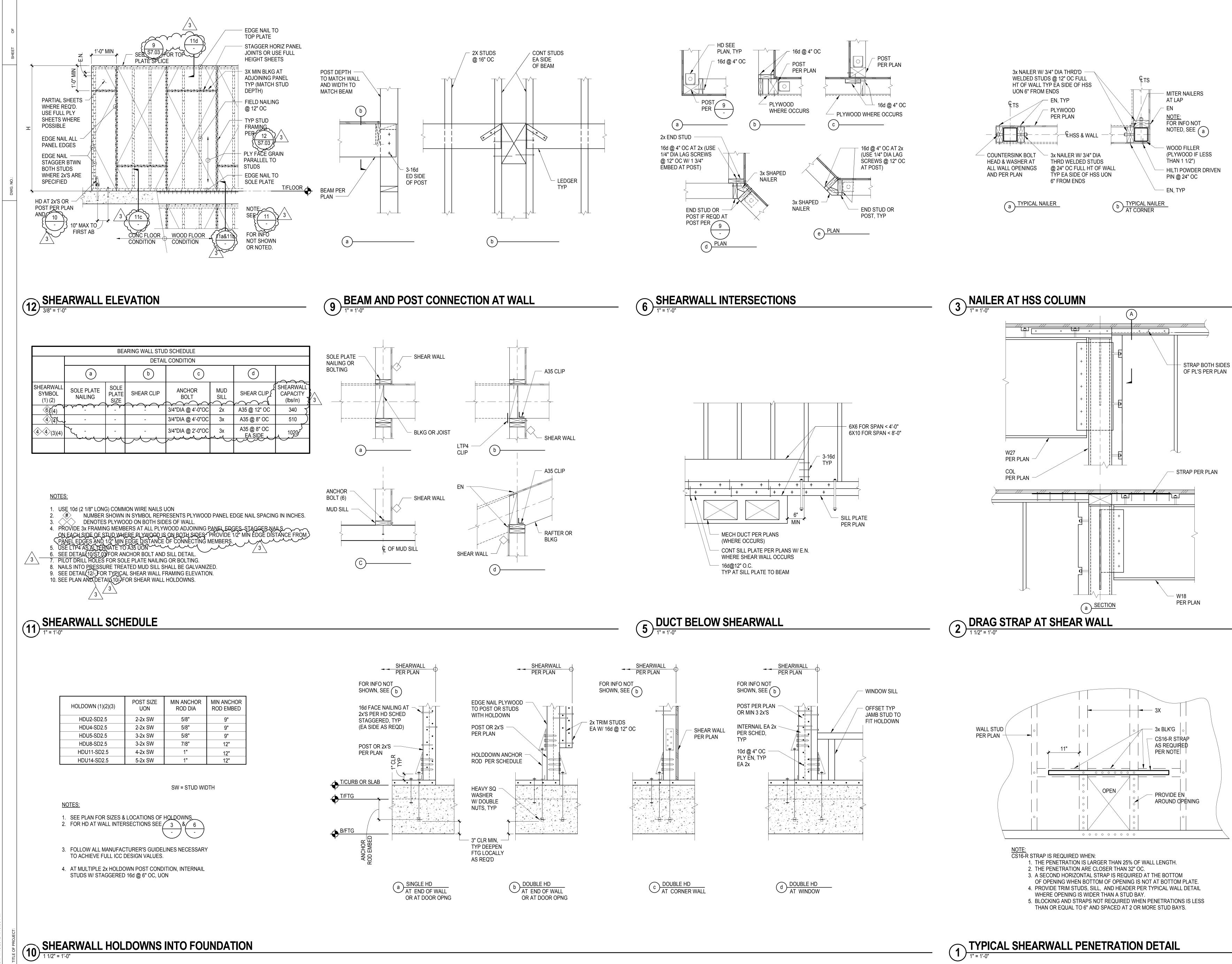
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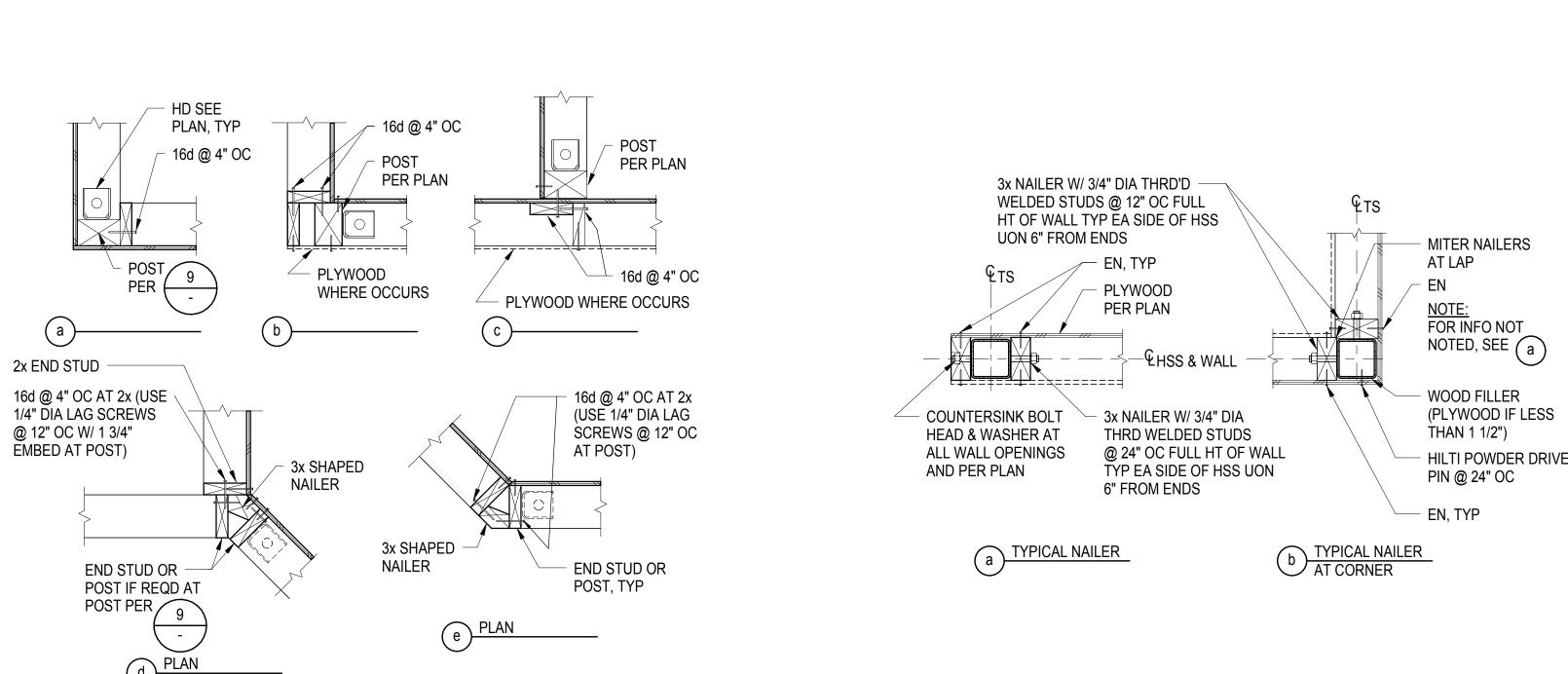
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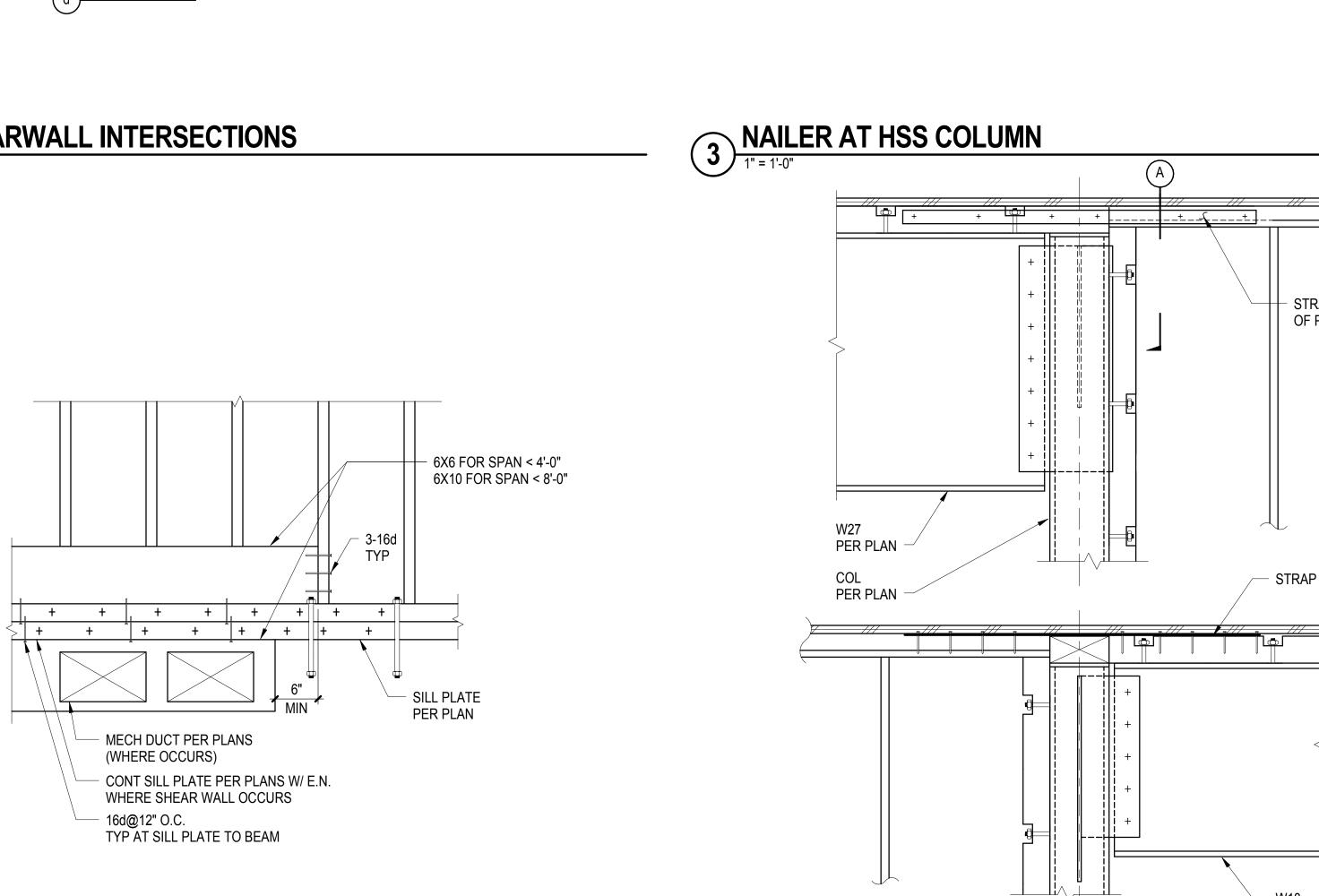
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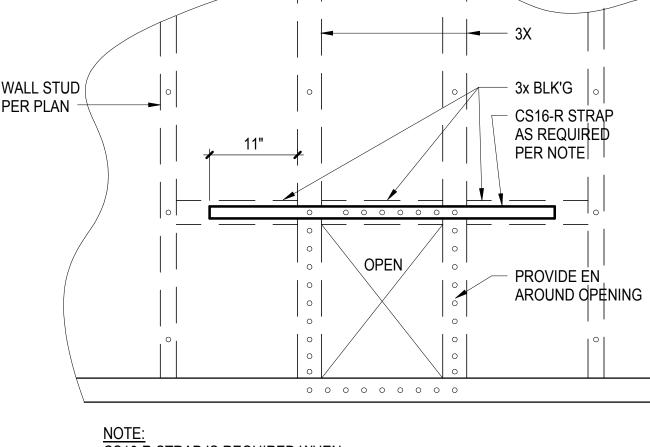
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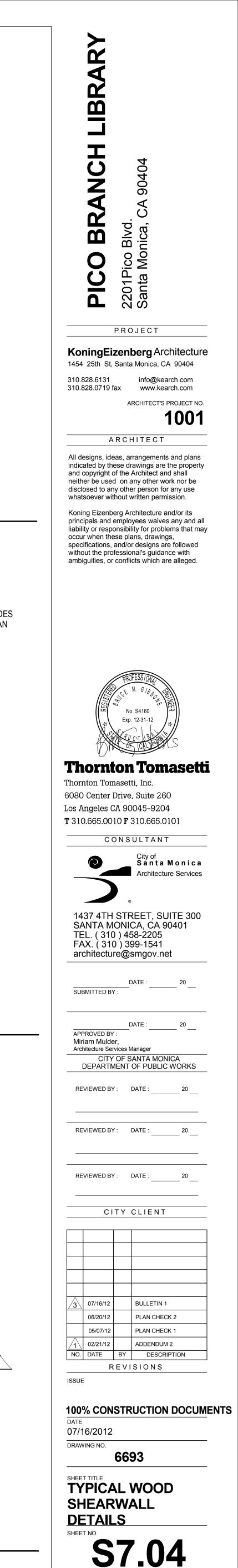


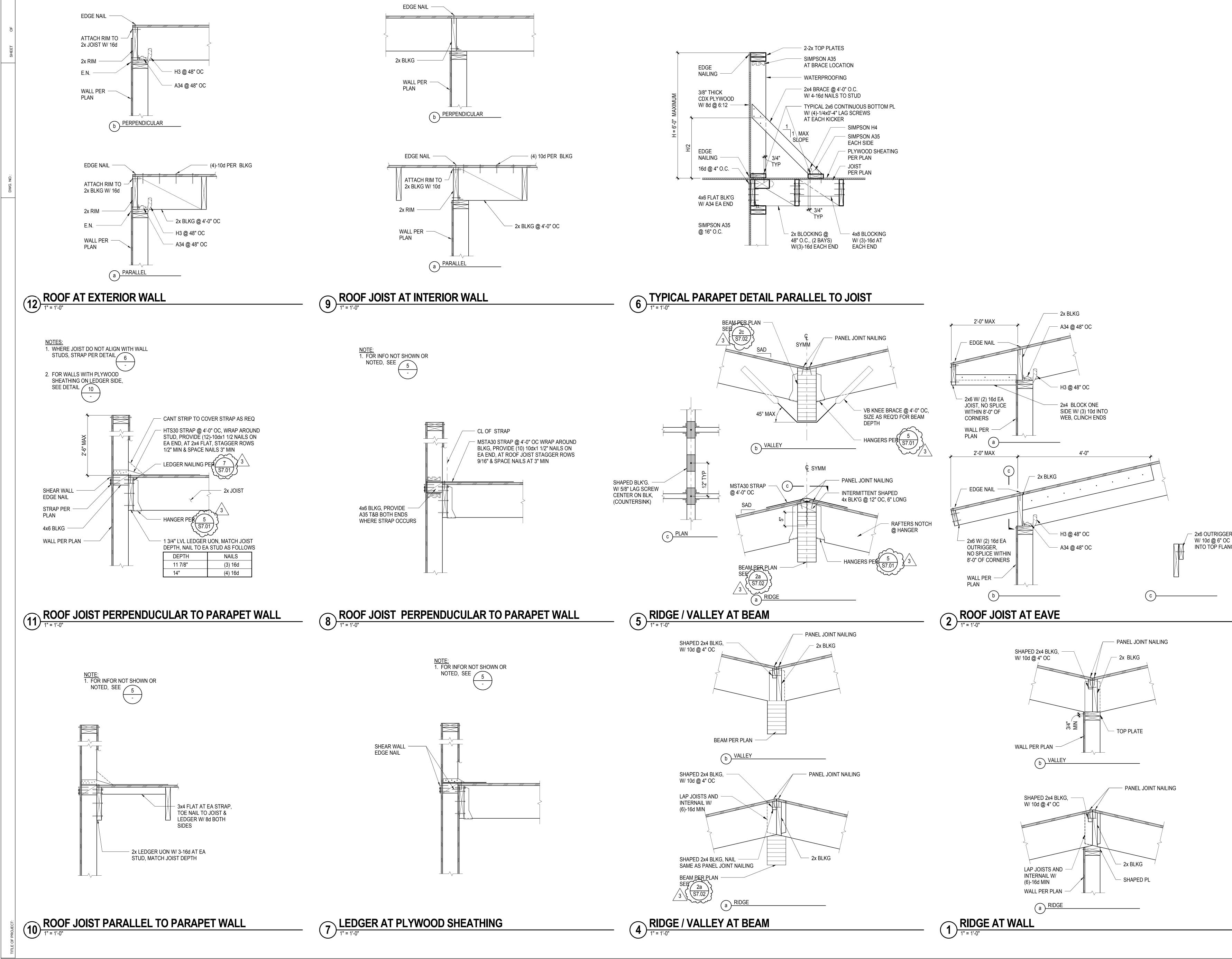


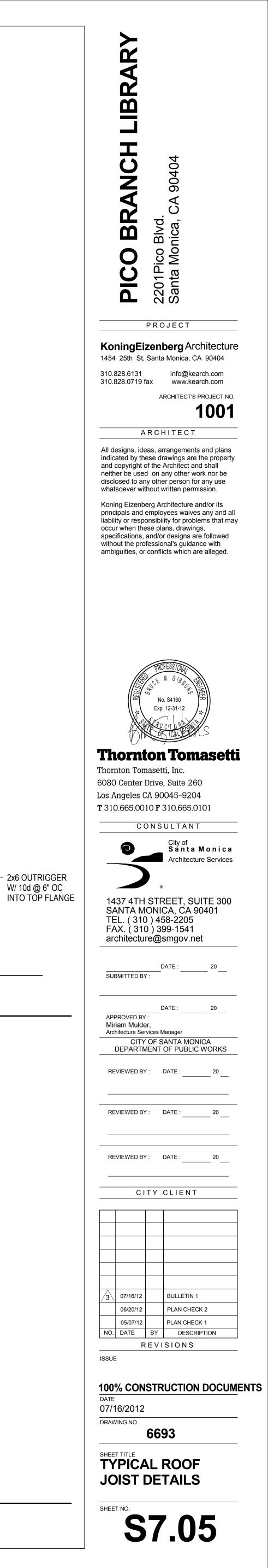


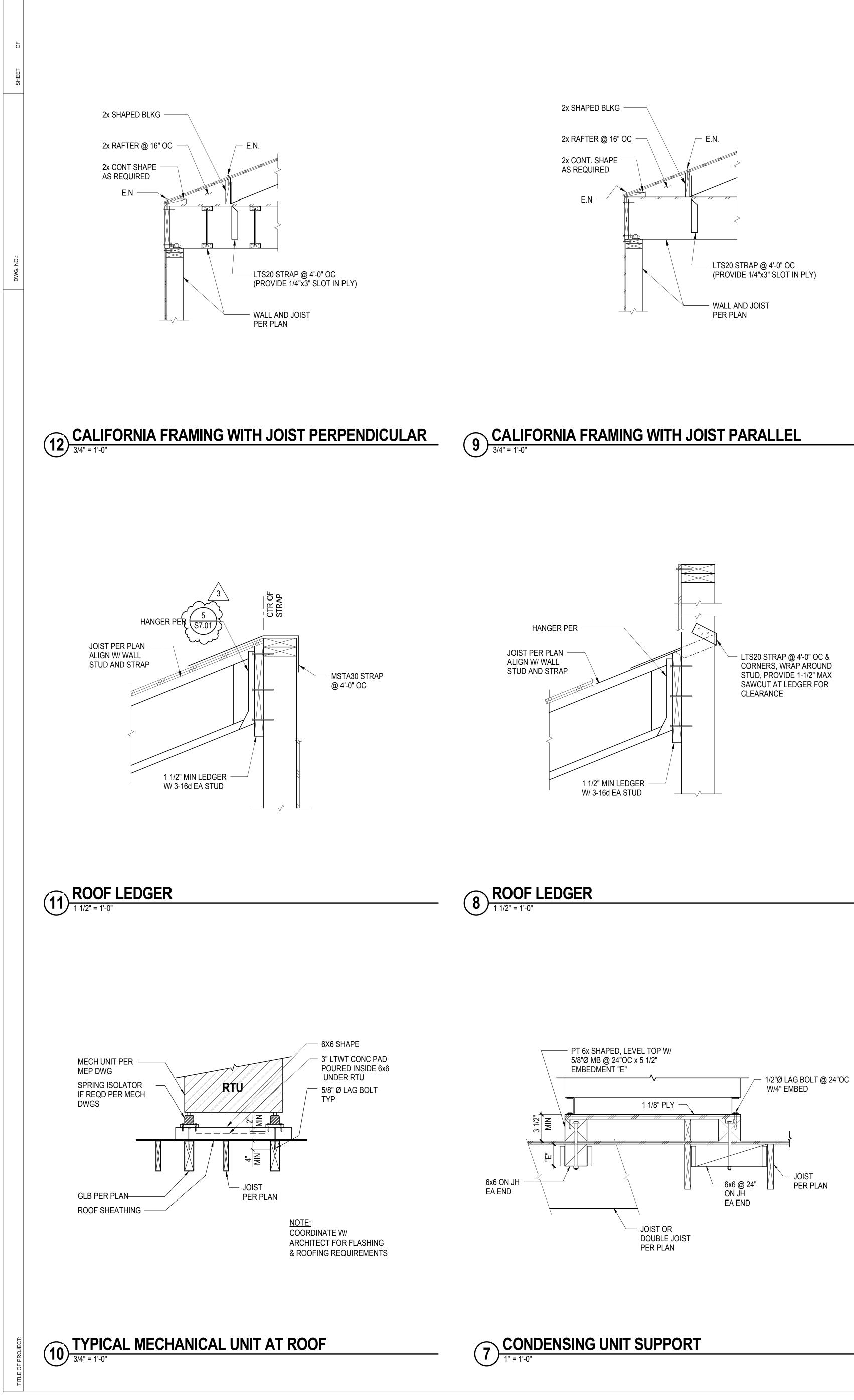




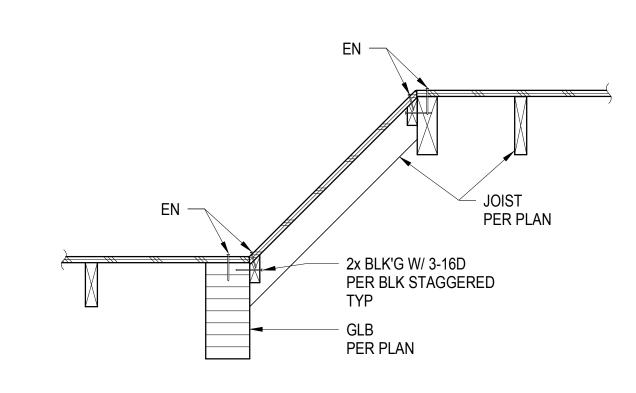




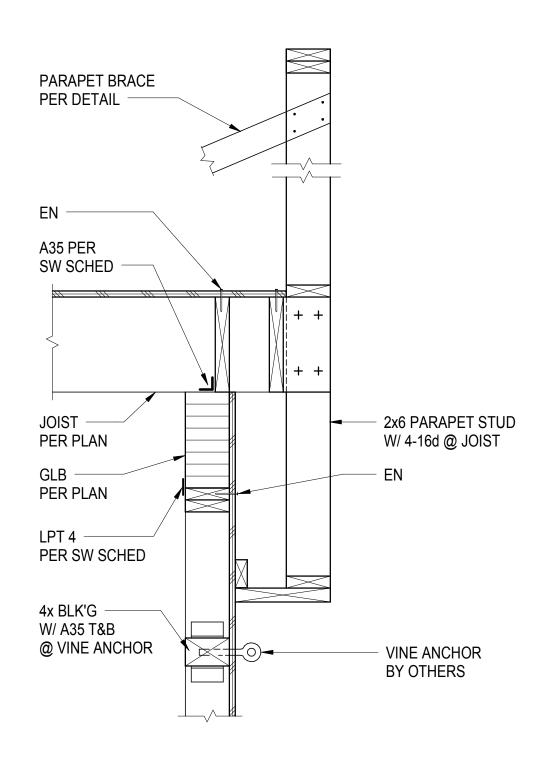




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1 **DETAIL** 1" = 1'-0"

