

GENERAL:

- THE CONTRACTOR SHALL EXAMINE THE STRUCTURAL DRAWINGS AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES HE MAY FIND BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS AT THE SITE AND SHALL NOTIFY THE STRUCTURAL ENGINEER OF DISCREPANCIES BETWEEN THE ACTUAL CONDITIONS AND INFORMATION SHOWN ON THE DRAWINGS BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER OF ANY CONDITION WHICH, IN HIS OPINION, MIGHT ENDANGER THE STABILITY OF THE STRUCTURE OR CAUSE DISTRESS TO THE STRUCTURE.
- THE FOLLOWING REFERENCE DOCUMENTS, THEIR COMMENTARIES AND THE STANDARDS REFERENCED THEREIN, APPLY TO DESIGN, FABRICATION AND CONSTRUCTION PRACTICES TO BE ADHERED TO REGARD TO THE WORK SHOWN ON THE DRAWINGS:
 - PUERTO RICO BUILDING CODE & INTERNATIONAL BUILDING CODE (IBC 2018)
 - ACI MANUAL OF CONCRETE PRACTICE (LATEST).
 - ACI BLDG. CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-14).
 - AWS STRUCTURAL WELDING CODE.
 - SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AISC 360-16.
- ALL ASTM DESIGNATIONS SHALL BE AS AMENDED TO DATE.
- SPECIFIC NOTES & DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS.
- THE CONTRACTOR SHALL REFER TO THE SPECIFICATIONS FOR INFORMATION NOT COVERED BY THESE GENERAL NOTES OR THE STRUCTURAL DRAWINGS.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING & SHORING FOR ALL STRUCTURAL MEMBERS OR AS REQUIRED FOR STRUCTURAL STABILITY OF THE STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO ENSURE THE PROPER ALIGNMENT OF THE STRUCTURE AFTER THE INSTALLATION OF ALL STRUCTURAL AND FINISH MATERIALS.

FOUNDATIONS:

- SOIL CONSULTANT SHALL INSPECT FOOTING EXCAVATIONS TO VERIFY FOUNDATION DEPTHS PRIOR TO PLACEMENT OF FORMS AND/OR REINFORCING STEEL.
- ALL FILL AND BACKFILL SHALL BE COMPACTED TO 95 PERCENT OF MAXIMUM DENSITY 95% MODIFIED PROCTOR AASHTO A-2-4 OR BETTER AS PER SOIL REPORT (ASTM D1557 MODIFIED PROCTOR). A MINIMUM OF 12 INCHES OF COMPACTED FILL SHALL BE PROVIDED BELOW FOOTINGS AND SLAB ON GRADE.
- THE TEST BORINGS FOR THIS PROJECT WERE PERFORMED BY: JACA AND SIERRA GEOTECHNICAL ENGINEERS JOB No. ##### DATED XXXX, XX, 2024
- THE FOUNDATION DESIGN IS BASED ON 3,000 psf SOIL BEARING VALUE.
- ALL EXCAVATION WORK SHALL BE PERFORMED WITHOUT AFFECTING THE STABILITY AND INTEGRITY OF EXISTING NEIGHBORING STRUCTURES.
- THE CONTRACTOR SHALL PROVIDE ALL DEWATERING AS REQUIRED DURING THE EXCAVATION AND CONSTRUCTION OF THE FOUNDATION WORK.
- ALL COLUMN FOOTINGS SHALL BE CENTERED ON THE COLUMN CENTERLINES, UNLESS OTHERWISE NOTED.
- ALL EXISTING UNDERGROUND UTILITIES IN THE AREA OF THE NEW CONSTRUCTION SHALL BE RELOCATED UNLESS OTHERWISE NOTED ON THE DRAWINGS BEFORE ANY NEW FOUNDATION WORK IS STARTED. EXISTING SITE ELEMENTS AND UTILITIES, MANHOLES, CATCH BASINS, ETC. ADJACENT TO NEW CONSTRUCTION EXCAVATIONS SHALL BE PROTECTED BY SHEETING AND/OR SHORING. THIS PROTECTION SHALL BE PROVIDED AND DESIGNED BY THE CONTRACTOR AND HIS PROFESSIONAL ENGINEER WHO SHALL BE TOTALLY RESPONSIBLE FOR ITS DESIGN AND INSTALLATION.
- THE CONTRACTOR SHALL COORDINATE ALL FOUNDATION WORK WITH ALL UNDERGROUND UTILITIES. ALL NEW UNDERGROUND UTILITIES OR PIPES SHALL NOT BE PLACED BELOW THE FOOTINGS. IF ANY SUCH CONDITION OCCURS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND DROP THE BOTTOM OF FOOTING TO CLEAR THE PIPE.
- BACKFILL AGAINST WALLS SHALL FOLLOW THE CRITERIA NOTED. AS A MINIMUM, WALLS MUST HAVE REACHED THEIR 28 DAY DESIGN STRENGTH OR BE IN PLACE 14 DAYS, WHICHEVER IS LONGER. FOR EXTERIOR AND INTERIOR BASEMENT AND/OR RETAINING WALLS, BACKFILL SHALL BE PLACED EVENLY ON BOTH SIDES TO THE FLOOR SUBGRADE LEVEL. EQUIPMENT USED TO COMPACT THE BACKFILL WILL BE SUCH AS TO LIMIT PRESSURES ON THE WALLS TO THE DESIGN VALUES AND TO BE REVIEWED AND ACCEPTED BY THE OWNER'S GEOTECHNICAL ENGINEER.
- PROVIDE STANDARD STEEL PIPE SLEEVES FOR ALL PIPES PASSING THROUGH NEW CONCRETE WALLS AND NEATLY CORED HOLES A MINIMUM OF ONE PIPE SIZE LARGER THAN NEW PIPE THROUGH EXISTING CONCRETE WALLS WHERE SHOWN ON THE DRAWINGS. COORDINATE CORED HOLES WITH SEALANT, ETC., REQUIREMENTS WITH RELATED SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORT FOR THE EXCAVATION USING SUCH TECHNIQUES AS SOIL NAILING, TIEBACKS OR SOLDIER PILES, ALONE OR COMBINED WITH OPEN EXCAVATIONS AS ALLOW BY THE EXISTING CONDITIONS AND SOIL STABILITY.
- FOR ADDITIONAL REQUIREMENTS SEE TYPICAL DETAILS, SPECIFICATIONS AND GEOTECHNICAL REPORT.

REINFORCING STEEL:

- ALL REINFORCING STEEL SHALL BE NEW STOCK DEFORMED BARS CONFORMING TO ASTM A615 GRADE 60.
- ALL BAR BENDS SHALL BE MADE COLD.
- BAR LAPS SHALL BE MADE AWAY FROM POINTS OF MAXIMUM STRESS OR AT LOCATIONS SHOWN ON THE DRAWINGS. LAP SPLICES SHALL BE CLASS "B" AS PER ACI 318-14.
- FIELD WELDING OF REINFORCING STEEL SHALL BE PERFORMED BY WELDERS SPECIFICALLY CERTIFIED FOR REINFORCING STEEL.
- PRIOR TO WELDING THE "CARBON EQUIVALENT" (CE) OF STEEL SHALL BE DETERMINED. REIN- FORCING STEEL WHOSE "CE" CAN NOT BE IDENTIFIED OR WHOSE "CE" EXCEEDS 0.75% SHALL NOT BE WELDED, EXCEPT FOR REINFORCING STEEL CONFORMING TO ASTM A706.
- WELDING OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH A PROCEDURE ESTABLISHED BY A CERTIFIED TESTING LABORATORY FOR THE MATERIAL BEING WELDED. PROCEDURE SHALL BE BASED ON THE CARBON CONTENT OF THE REINFORCING AND SHALL ESTABLISH PREHEATING REQUIREMENTS TO SATISFACTORILY COMPLETE THE WORK.

CONCRETE:

- ALL CONCRETE SHALL BE STONE CONCRETE USING AGGREGATE CONFORMING TO ASTM C33.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE AS FOLLOWS AT 28 DAYS:

LOCATION	STRENGTH	MAX W/C RATIO
FOOTINGS & GROUND SLAB	4,000 PSI	0.45
ELEVATED SLABS	4,000 PSI	0.45
COLUMNS AND WALLS	4,000 PSI	0.45
EXTERIOR CONC. PADS	3,500 PSI	0.45
- ALL CONCRETE WORK SHALL BE CURED FOR A MINIMUM OF 7 CONSECUTIVE DAYS IN ACCORDANCE WITH ACI STANDARDS.
- CONTRACTOR SHALL VERIFY THE DIMENSIONS OF AND INSTALL IN THE FORMS ALL SLOTS, SLEEVES, ANCHOR BOLTS, MASONRY ANCHORS, ROCKETS, ETC. AS REQUIRED FOR OTHER TRADES.
- ALL CONCRETE USED TO PATCH EXISTING FLOOR SLAB SHALL HAVE A MINIMUM COMPRESSIVE OF 4000 PSI @ 28 DAYS
- CONCRETE COVER FOR REBAR SHALL BE:

FOUNDATION	: BOTT 3", TOP 2", SIDES 3"
PEDESTAL	: 2" TO TIES
SLAB ON GROUND	: BOTT: 3", OTHERS 2"
BEAMS AND COLUMNS	: 1 1/2"
- ALL PEDESTAL, BEAMS AND WALLS BELOW GRADE SHALL BE FORMED CONCRETE.
- NO ADMIXTURES SHALL BE USED IN THE CONCRETE WITHOUT PRIOR APPROVAL OF THE ENGINEER. CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CHLORIDES SHALL NOT BE USED AT ANY TIME.
- NO JOINT, OPENING, SLOT OR GROOVE OTHER THAN THAT SHOWN ON PLANS SHALL BE PERMITTED WITHOUT PREVIOUS APPROVAL BY THE ENGINEER. ALL CONSTRUCTION JOINT SURFACES SHALL BE CLEANED AND ROUGHEN TO 1/4" AMPLITUDE AND TREATED AS INSTRUCTED IN THE ACI MANUAL OF CONCRETE PRACTICE.
- FOR ADDITIONAL REQUIREMENTS, SEE TYPICAL DETAILS AND THE SPECIFICATIONS.

MASONRY:

- MASONRY WALLS SHALL BE CONSTRUCTED OF NORMAL WEIGHT UNITS CONFORMING TO ASTM C90, TYPE 1.
- BLOCK UNITS SHALL BE SUFFICIENTLY MOIST AT TIME OF LAYING TO PREVENT DEHYDRATION OF MORTAR AND GROUT AND SHALL BE FREE OF ALL SUBSTANCES WHICH MIGHT IMPAIR THE BOND OF THE BLOCK TO MORTAR AND GROUT.
- MORTAR SHALL BE MACHINE MIXED TYPE "S" CONSISTING OF, BY VOLUME, 1 PART CEMENT, 1/2 PART LIME PUTTY AND DAMP LOOSE AGGREGATE NOT LESS THAN 2 1/4 TIMES NOR MORE THAN 3 TIMES THE SUM OF THESE PARTS.
- GROUT SHALL BE MACHINE MIXED BY VOLUME AND CONSIST OF 1 PART CEMENT, 1/10 PART LIME PUTTY AND 2 TO 3 PARTS SAND. GROUT SPACES MORE THAN 4 IN. IN WIDTH MAY HAVE NOT MORE THAN 2 PARTS PEA GRAVEL ADDED TO COMPONENTS DESCRIBED ABOVE.
- CEMENT FOR MORTAR AND GROUT SHALL BE LOW ALKALI TYPE CONFORMING TO ASTM C150.
- MORTAR AND GROUT SHALL HAVE THE FOLLOWING 28 DAYS STRENGTHS:

f'm	MORTAR	GROUT
1,500 PSI	1,800 PSI	2,000 PSI

f'm = COMPRESSIVE STRENGTH OF MASONRY
- CONCRETE MASONRY UNIT COMPRESSIVE STRENGTH TO BE 2,000 P.S.I. ON THE NET AREA.
- THE SPECIFIED MASONRY STRENGTH F'M MAY BE VERIFIED BY THE UNIT STRENGTH METHOD OR BY MASONRY PRISM TESTING (SPECIAL INSPECTION PER IBC 2018 CHAP. 17)
- ALL WALLS SHALL BE GROUTED AT CELLS W/REBARS, U.N.O. MAXIMUM GROUT LIFT SHALL NOT EXCEED 5 FEET.
- SEE ARCHITECTURAL DRAWINGS FOR BLOCK SIZE, COLOR, TEXTURE, BONDING PATTERN & JOINTING.
- HORIZONTAL REINFORCEMENT SHALL BE DUR-O-WAL, AS FOLLOWS:
 - 6" CMU STANDARD WEIGHT TRUSS @ 16"
 - 8" CMU EXTRA HEAVY WEIGHT TRUSS @ 8"
- PROVIDE TEMPORARY BRACING FOR MASONRY WALLS DURING ENTIRE ERECTION OF WALLS AND UNTIL THE MORTAR HAS DEVELOPED ADEQUATE STRENGTH. TEMPORARY BRACES SHALL NOT BE REMOVED UNTIL AT LEAST 7 DAYS HAVE ELAPSED SINCE THE WALL WAS COMPLETELY ERECTED.
- PROVIDE CONTINUOUS BOND BEAMS AT THE FOLLOWING LOCATIONS:
 - WHERE INDICATED IN SECTIONS AND DETAILS ON THE DRAWINGS.
 - AT THE TOP OF ALL MASONRY WALLS (WITHIN TOP 2 COURSES)
 - AT EVERY TO-D O.C. OF MASONRY WALL HEIGHT.
 - AT THE TOP OF PARAPETS.
 - AT THE TOP OF ALL MASONRY WALLS BELOW STRIP WINDOW SILLS.REINFORCE BOND BEAMS AS INDICATED, OR WITH (4) #5 CONTINUOUS MINIMUM.
- FOR ADDITIONAL REQUIREMENTS SEE TYPICAL DETAILS AND THE SPECIFICATIONS.

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL BE A992.
- HOLLOW STRUCTURAL STEEL SECTION SHALL BE ASTM A500, GRADE B OR C
- WELDING ELECTRODES SHALL BE E70XX (MIN WELD SIZE 3/16")
- FASTENING BOLTS SHALL BE A325-N
- STEEL PLATES, ANGLES, AND CHANNELS SHALL BE ASTM A36
- CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO ORDERING ANY MATERIAL
- ALL STRUCTURAL STEEL AND THEIR COMPONENTS SHALL BE HOT DIP GALVANIZED.

POST-INSTALLED ANCHORS IN CONCRETE

- SPECIAL INSPECTION IS REQUIRED DURING THE INSTALLATION OF ALL POST-INSTALLED ANCHORS.
- ADHESIVE AND MECHANICAL ANCHORS SHALL BE INSTALLED INTO HARDENED CONCRETE HAVING A MINIMUM AGE OF 28 DAYS. FOR SOONER INSTALLATIONS, CONSULT MANUFACTURER.
- LOCATE ALL EXISTING REINFORCEMENT AND EMBEDDED ITEMS PRIOR TO DRILLING. DO NOT DAMAGE REBARS OR EMBEDS WHILE DRILLING OR INSTALLING ANCHORS.
- CARBON STEEL ANCHORS ARE LIMITED TO USE IN DRY, INTERIOR LOCATIONS.
- POST-INSTALLED MECHANICAL OR ADHESIVE ANCHORS IN CONCRETE OR MASONRY ARE REQUIRED TO BE PREQUALIFIED FOR SEISMIC APPLICATIONS.

MISCELLANEOUS:

- ALL STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATIONS AND ALL OTHER DRAWINGS RELATED TO THE WORK.
- ALL CONSTRUCTION JOINTS MADE IN EXTERIOR WALLS OR ROOF SLABS AND CISTERN WALLS SHALL CONTAIN WATERSTOPS AND SHALL HAVE REINFORCEMENT CONTINUOUS ACROSS THE JOINTS.
- PROVIDE DAMP PROOFING MEMBRANE AGAINST ALL UNDERGROUND WALLS AND WALLS EXPOSED TO EARTH BACKFILL.
- ALL WATERSTOPS SHALL BE INSTALLED SECURELY IN ACCORDANCE WITH THE SPECIFICATIONS. THE WATERSTOPS SHALL BE PLACED CONTINUOUSLY THROUGH OUT THE LENGTH OF THE CONSTRUCTION JOINT.
- TRANSVERSE REINFORCEMENT ALONG A CURVED MEMBER SHALL BE RADIAL ABOUT THE CENTER LINE OF THE CURVE.
- CONCRETE SURFACES LEADING TO DRAINS SHALL BE SLOPED TOWARD DRAIN AND THE ADJACENT SURFACES WARPED AS REQUIRED TO SATISFY AN ADEQUATED DRAINAGE FLOW.
- ALL EXPOSED CONCRETE EDGES AND CORNERS SHALL BE CHAMFERED WITH A 3/4" TIMES 45° CHAMFER UNLESS NOTED OTHERWISE.
- BACKFILL BEHIND BASEMENT WALLS SHALL BE NOT PLACED UNTIL AFTER TOP OF WALL IS BRACED BY FIRST FLOOR SLAB.
- POST-INSTALLED FASTENERS (DRILL-IN CONCRETE FASTENERS) SHALL BE EQUAL OR SIMILAR TO HILTI RE-500 UNLESS NOTED OTHERWISE.
- FL. FINISHES, SLAB STEPS, FLOOR AND ROOF SLOPE FOR DRAINAGE AS WELL AS FLOOR DEPRESSIONS SHALL BE PER ARCHITECTURAL DWGS.
- ALL WATERPROOFING MEMBRANES FOR CISTERN, RETAINING WALLS, PONDS, PITS, ETC. SHALL BE PER ARCHITECTURAL DWGS.
- WATER STOPS SHALL BE 3/8"x6" FLAT RIBBED PVC UNLESS NOTED OTHERWISE.

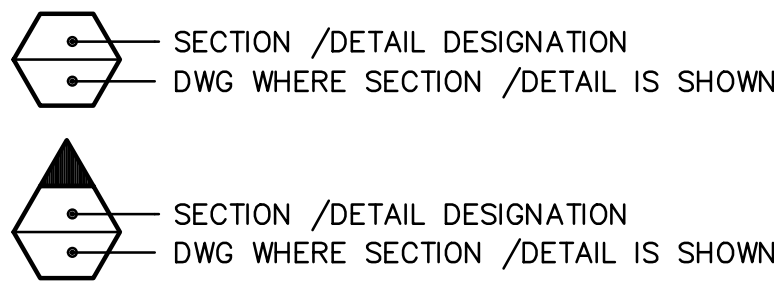
DESIGN LOADS

SUPERIMPOSED FLOOR DEAD LOADS ALLOWANCE			
ROOF			25 PSF
ELEVATED BALCONIES			25 PSF
ELEVATED SLABS			50 PSF
GREEN ROOF			150 PSF
ROOF LIVE LOADS			IBC 2018
FLAT ROOF			40 PSF
INCLINED ROOF			20 PSF
GREEN ROOF			20 PSF
ELEVATED SLAB LIVE LOADS			IBC 2018
ELEVATED FLOORS			40 PSF
ELEVATED BALCONIES			60 PSF
STAIR AND RAMPS			100 PSF
LATERAL LOADS – WIND			ICC500/ASCE 7–16
WIND LOAD DESIGN PARAMETERS			
BASIC WIND SPEED, V			190 MPH (ULTIMATE)
RISK CATEGORY			IV
WIND EXPOSURE			D
ENCLOSURE CLASSIFICATION			PARTIALLY ENCLOSED
LATERAL LOADS – SEISMIC			IBC 2018
SEISMIC DESIGN CATEGORY			D
SEISMIC IMPORTANCE FACTOR, I			1.0
SEISMIC IMPORTANCE FACTOR, I _p (EQUIPMENT)			1.25
SITE CLASSIFICATION			D
MAPPED SPECTRAL ACCELERATION SHORT PERIODS, S _s			1.2g
MAPPED SPECTRAL ACCELERATION LONG PERIODS, S ₁			0.6g
SEISMIC COEFFICIENT, F _a			xxx
SEISMIC COEFFICIENT, F _v			–
DESIGN ACCELERATION AT 0.2s, SDS			xxxg
DESIGN ACCELERATION AT 1.0s, SD1			–
STRUCTURAL SYSTEM			SPECIAL REINFORCED CONCRETE SHEAR WALLS
RESPONSE MODIFICATION, R			5
SYSTEM OVERSTRENGTH, Ω _{MEGA}			2.5
DEFLECTION AMPLIFICATION, C _D			5

WIND LOADS ON COMPONENTS AND CLADDING			
VERTICAL SURFACES	ULTIMATE		SERVICE
	SUCTION	PRESSURE	SUCTION PRESSURE
TYPICAL WALL (W/O DISCONTINUITY)	-103 PSF	97 PSF	-63 PSF 59 PSF
WALL CORNERS AND EDGES (W/ DISCONTINUITY)	-121 PSF	97 PSF	-74 PSF 59 PSF
HORIZONTAL SURFACES			
ZONE 1	-133 PSF		-80 PSF
ZONE 1	-151 PSF		-91 PSF
ZONE 2	-191 PSF		-115 PSF
ZONE 3	-251 PSF		-151 PSF
1. COMPONENTS AND CLADDING PRESSURE FOR AN EFFECTIVE WIND AREA (EWA) OF 10 SF. DESIGN PRESSURE CAN BE REDUCED FOR LARGER EWA AS PERMITTED IN THE IBC 2018, ASCE 7-16.			
2. WIND LOADS IN ALLOWABLE STRESS DESIGN REPRESENTS 0.60 OF THE ULTIMATE DESIGN LOAD.			
3. ALL WINDOWS AND DOORS SHALL BE HURRICANE WIND AND IMPACT RESISTANCE TO RESIST A MINIMUM WIND DESIGN PRESSURE FOR WALL CORNERS AND EDGES.			

LEGEND FOR SECTION /DETAIL:

- LEGEND FOR SECTION/DETAIL CROSS REFERENCING



- SLAB REINF:

———— TOP BARS
- - - - - BOTT BARS
[- - -] WALL/COL. BELOW
[- - -] WALL/COL. ABOVE
||||||| MASONRY WALL

EW – EACH WAY
EF – EACH FACE
T & B – TOP & BOTTOM
CONT – CONTINUOUS
CLR – CLEAR



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ARCHITECT



STRUCTURAL ENGINEERS



MEP ENGINEERS



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ACOUSTIC CONSULTANT

ALEXANDER THEATER SAFE RM
& BUILDING WIND RETROFIT

PROJECT

23 KING STREET, 22 & 23 MARKET STREET, 38B COMPANY STREET,
38A COMPANY STREET, 36 COMPANY STREET & 37 COMPANY STREET
ADDRESS

St. Croix Foundation
For Community Development
1023 MARKET ST., CHRISTIANED, V. 00820

CLIENT

21192 5/2025
PROJECT NUMBER DATE

DRAFTED BY STAMP

REVISIONS:

DESIGN DEVELOPMENT (UPDATE) 05/23/25
06/11/25 DD (UPDATE) JBF

NOTES:

SCALE

GENERAL NOTES

SHEET TITLE

S0-01

SHEET NUMBER

STATEMENT OF SPECIAL INSPECTION (PER PRBC 18):

1. SOURCE AND FIELD QUALITY CONTROL REQUIREMENTS ARE ALSO STATED IN THE SPECIFICATIONS.COMPLY WITH THE MORE STRINGENT OF THE SPECIFICATIONS AND THESE REQUIREMENTS FORSPECIAL INSPECTION..

GENERAL:

1. SPECIAL INSPECTIONS SHALL BE PERFORMED FOR THIS FACILITY IN ACCORDANCE WITH THE STATEMENT OF SPECIAL INSPECTIONS PER PRBC 2019 SECTION 1705.
2. SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON(S) WHO SHALL DEMONSTRATE COMPETENCE, FOR INSPECTION OF THE TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
3. SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS TO THE PROJECT MANAGER, AND TO THE ENGINEER OF RECORD, DISTRIBUTED ON A REGULAR BASIS. REPORTS SHALL INDICATE THAT WORK INSPECTED WAS PERFORMED IN CONFORMANCE WITH APPROVED CONSTRUCTION DOCUMENTS, OR INDICATE DISCREPANCIES. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE PROJECT MANAGER AND ENGINEER OF RECORD.
4. SUBMIT A FINAL REPORT DOCUMENTING ALL SPECIAL INSPECTIONS FOR EACH TYPE OF CONSTRUCTION, INCLUDE RESOLUTIONS AND/OR CORRECTIONS FOR ANY NOTED DISCREPANCIES. FINAL REPORT SHALL BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER.

SUBCONTRACTOR RESPONSIBILITY:

1. EACH SUBCONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND OR SEISMIC FORCE-RESISTING SYSTEM OR WIND OR SEISMIC FORCE-RESISTING COMPONENT LISTED SHALL SUBMIT A WRITTEN SUBCONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE PROJECT MANAGER AND TO THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT.
2. SUBCONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN THE FOLLOWING:
- A) ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.
- B) ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.
- C) PROCEDURES FOR EXERCISING CONTROL WITHIN THE SUBCONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS.
- D) IDENTIFICATION AND QUALIFICATIONS OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITIONS(S) WITHIN THE ORGANIZATION.
3. FOR ITEMS REQUIRING PERIODIC INSPECTION: INSPECT WORK PERFORMED ON THE FIRST DAY ANY CONSTRUCTION ACTIVITY REQUIRING SPECIAL INSPECTION. INSPECT WORK ON A PERIODIC BASIS THEREAFTER FOR THE DURATION OF THE ACTIVITY.
4. FOR ITEMS REQUIRING CONTINUOUS INSPECTION: INSPECT WORK ON A FULL-TIME BASIS, AND BE PRESENT IN THE AREA FOR THE DURATION OF THE ACTIVITY.

INSPECTION OF FABRICATORS:

1. THE SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM WITH APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS PRIOR TO THE START OF WORK.
2. SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE PRIOR TO THE START OF WORK.
3. FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE PROJECT MANAGER AND TO THE ENGINEER OF RECORD STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AT COMPLETION OF WORK.

STRUCTURAL STEEL CONSTRUCTION (REFERENCE IBC 2018, SECT 1705.2.1 – REFER TO AISC 15TH ED, CHAPTER N):

1. MATERIAL VERIFICATION OF STRUCTURAL STEEL
- A) IDENTIFICATION MARKING TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.
- B) SUBMITTAL OF MANUFACTURER'S CERTIFIED MILL TEST REPORTS TO ENGINEER OF RECORD.

WIND RESISTING COMPONENTS (REFERENCE IBC 2018)

1. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR FASTENING OF THE FOLLOWING SYSTEMS AND COMPONENTS:
- A) ROOF COVERING, ROOF DECK AND ROOF FRAMING CONNECTIONS..
- B) EXTERIOR WALL COVERING AND WALL CONNECTIONS OF ROOF AND FLOOR DIAPHRAGMS AND FRAMING..

INSPECTION TABLES:

- O – OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
- P – PERFORM THESE TASKS FOR EACH WELDED/BOLTED JOINT OR STEEL MEMBER

REQUIRED SPECIAL INSPECTIONS AND TESTS OF SOILS (IBC 18 – TABLE 1705.6)		
VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODIC DURING TASK LISTED
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	---	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	---	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	---
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	---	X

REQUIRED SPECIAL INSPECTIONS AND TESTS OF DRIVEN DEEP FOUNDATION ELEMENTS (IBC 18 – TABLE 1705.7)		
VERIFICATION AND INSPECTION TASK	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. VERIFY ELEMENT MATERIALS, SIZES AND LENGTHS COMPLY WITH THE REQUIREMENTS.	X	---
2. DETERMINE CAPACITIES OF TEST ELEMENTS AND CONDUCT ADDITIONAL LOAD TESTS, AS REQUIRED.	X	---
3. INSPECT DRIVING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	X	---
4. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM TYPE AND SIZE OF HAMMER, RECORD NUMBER OF BLOWS PER FOOT OF PENETRATION, DETERMINE REQUIRED PENETRATIONS TO ACHIEVE DESIGN CAPACITY, RECORD TIP AND BUTT ELEVATIONS AND DOCUMENT ANY DAMAGE TO FOUNDATION ELEMENT.	X	---
5. FOR STEEL ELEMENTS, PERFORM ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.2.	---	---
6. FOR CONCRETE ELEMENTS AND CONCRETE-FILLED ELEMENTS, PERFORM TESTS AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3.	---	---
7. FOR SPECIALTY ELEMENTS, PERFORM ADDITIONAL INSPECTIONS AS DETERMINED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.	---	---

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS (IBC 18 – TABLE 1705.8)		
VERIFICATION AND INSPECTION TASK	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	X	---
2. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END-BEARING STRATA CAPACITY, RECORD CONCRETE OR GROUT VOLUMES.	X	---
3. FOR CONCRETE ELEMENTS, PERFORM TESTS AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3.	---	---

AISC 360–16 TABLE N5.4–3 (INSPECTION TASKS AFTER WELDING)		
INSPECTION TASKS AFTER WELDING	QC	QA
WELDS CLEANED	O	O
SIZE, LENGTH AND LOCATION OF WELDS	P	P
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD/BASE– METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	P	P
ARC STRIKES	P	P
K–AREA	P	P
WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	P	P
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	P	P
REPAIR ACTIVITIES	P	P
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	O	O

AISC 360–16 TABLE N5.4–1 (INSPECTION TASKS PRIOR TO WELDING)		
INSPECTION TASK PRIOR TO WELDING	QC	QA
WELDING QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	O
WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE	P	P
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P
MATERIAL IDENTIFICATION (TYPE/GRADE)	O	O
WELDER IDENTIFICATION SYSTEM	O	O
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE)	O	O
FIT-UP OF GUP GROOVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	P	O
CONFIGURATION AND FINISH OF ACCESS HOLES	O	O
FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	O	O
CHECK WELDING EQUIPMENT	O	–

AISC 360–16 TABLE N5.4–2 (INSPECTION TASKS DURING WELDING)		
INSPECTION TASKS DURING WELDING	QC	QA
CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	O	O
NO WELDING OVER CRACKED TACK WELDS	O	O
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	O	O
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) • PROPER POSITION (F, V, H, OH)	O	O
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	O	O
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	P	P

AISC 360–16 TABLE N5.6–1 (INSPECTION TASKS PRIOR TO BOLTING)		
INSPECTION TASKS PRIOR TO BOLTING	QC	QA
MFRs' CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P
FASTENERS MARKED IN ACCORDANCE W/ ASTM REQUIREMENTS	O	O
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM THE SHEAR PLANE)	O	O
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P	O
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	O	O

AISC 360–16 TABLE N5.6–2 (INSPECTION TASKS DURING BOLTING)		
INSPECTION TASKS DURING BOLTING	QC	QA
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	O	O
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	O	O
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	O

AISC 360–16 TABLE N5.6–3 (INSPECTION TASKS AFTER BOLTING)		
INSPECTION TASKS AFTER BOLTING	QC	QA
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	P	P

REQUIRED SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS & JOIST GIRDERS (IBC 18 – TABLE 1705.2.3)			
INSPECTION TASKS AFTER BOLTING	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD (s)
1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS.			
A. END CONNECTIONS – WELDING OR BOLTED.	----	X	SJI SPECIFICATIONS LISTED IN 2207.1
B. BRIDGING – HORIZONTAL OR DIAGONAL	----		
1. STANDARD BRIDGING	----	X	SJI SPECIFICATIONS LISTED IN 2207.1
2. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1		X	

COLD-FORMED STEEL DECK (REFERENCE PRBC 2018, PARA. 1705.2.2)

SPECIAL INSPECTIONS AND A QUALIFICATIONS OF WELDING SPECIAL INSPECTORS FOR COLD-FORMED STEEL DECK SHALL BE IN ACCORDANCE WITH QUALITY ASSURANCE INSPECTION REQUIREMENTS OF SDI QA/QC

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION (IBC 18 – TABLE 1705.3)				
INSPECTION TASKS AFTER BOLTING	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD (s)	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	----	X	ACI 318 CH. 20, 25.2, 25.3, 26.6.1–26.6.3	1908.4
2. REINFORCING BAR WELDING:				
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	----	X	AWS D14, ACI 318: 26.6.4	----
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND		X		
C. INSPECT ALL OTHER WELDS	X	X		
3. INSPECT ANCHORS CAST IN CONCRETE	----	X	ACI 318: 17.8.2	
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS (s):				
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X		ACI 318: 17.8.2	----
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4-a.		X	ACI 318: 17.8.2	
5. VERIFY USE OF REQUIRED DESIGN MIX.	----	X	ACI 318: CH 19, 26.4.3, 25.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	----	ASTM C 172, ASTM C 31, ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	----	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	----	X	ACI 318: 26.5.3–26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR:				
A. APPLICATION OF PRESTRESSING FORCES; AND	X	----	ACI 318: 26.10	----
B. GROUTING OF BONDED PRESTRESSING TENDONS.	X	----		
10. INSPECT ERECTION OF CONCRETE PRECAST MEMBERS	----	X	ACI 318: CH 26.9	----
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	----	X	ACI 318: 26.11.2	----
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	----	X	ACI 318: 26.11.1,2(b)	----



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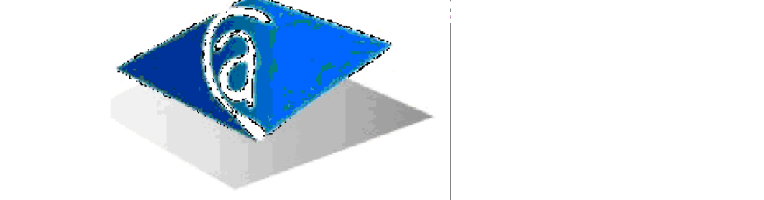
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DESIGN DEVELOPMENT (UPDATE) 05/23/25
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NOTES:

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SPECIAL INSPECTIONS

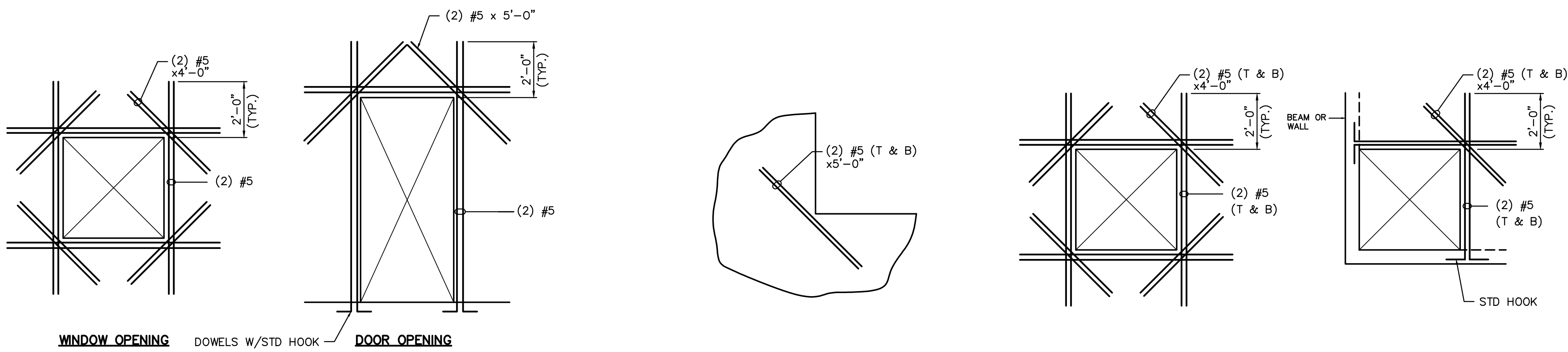
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S0-02

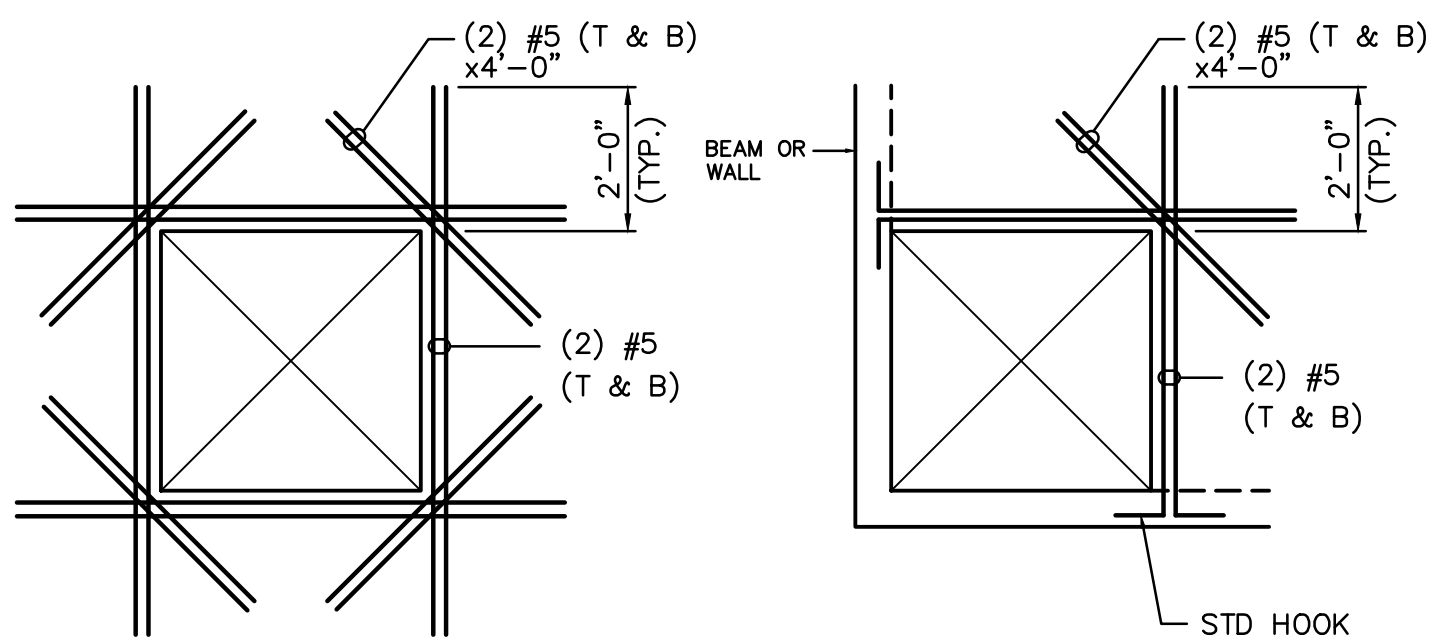
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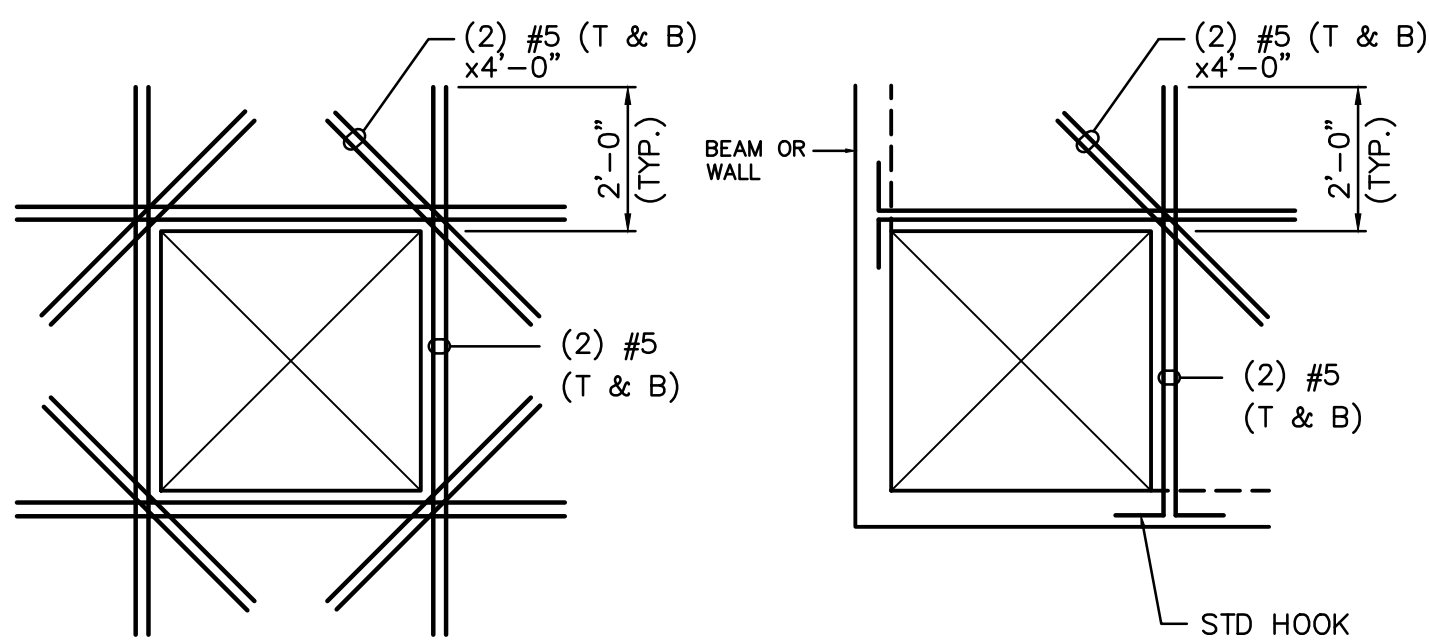
1. FOR GENERAL NOTES, SEE DWG. S0-01.



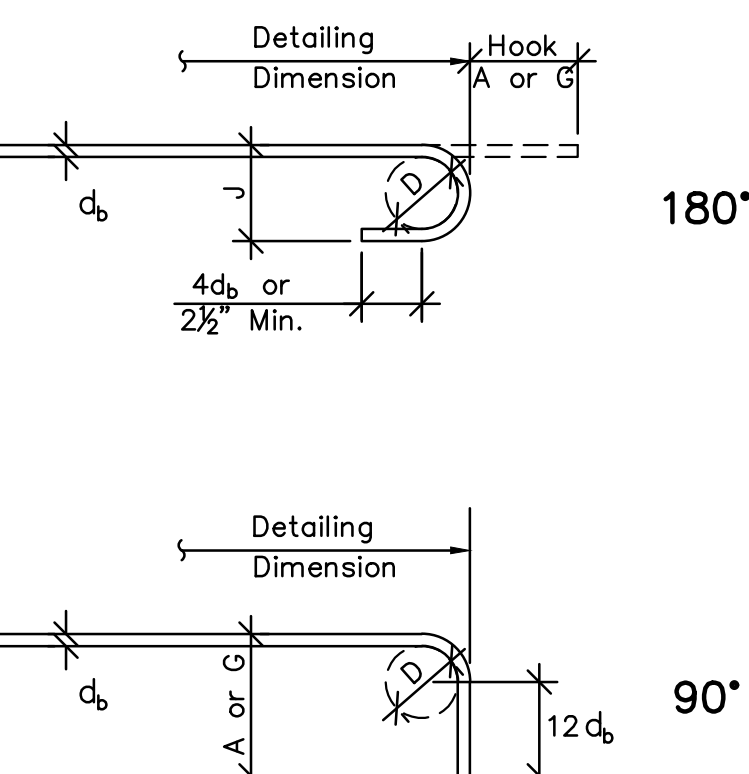
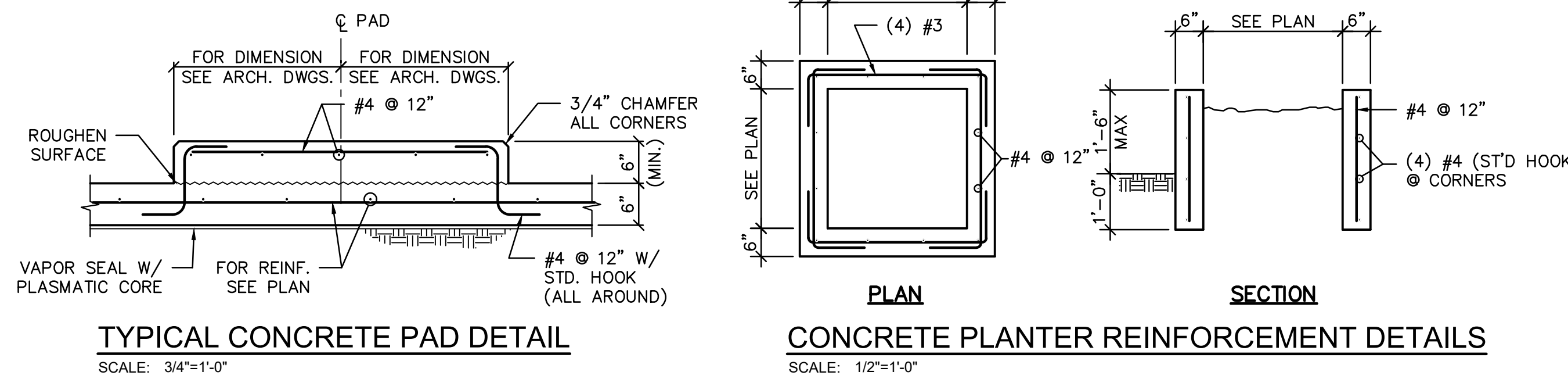
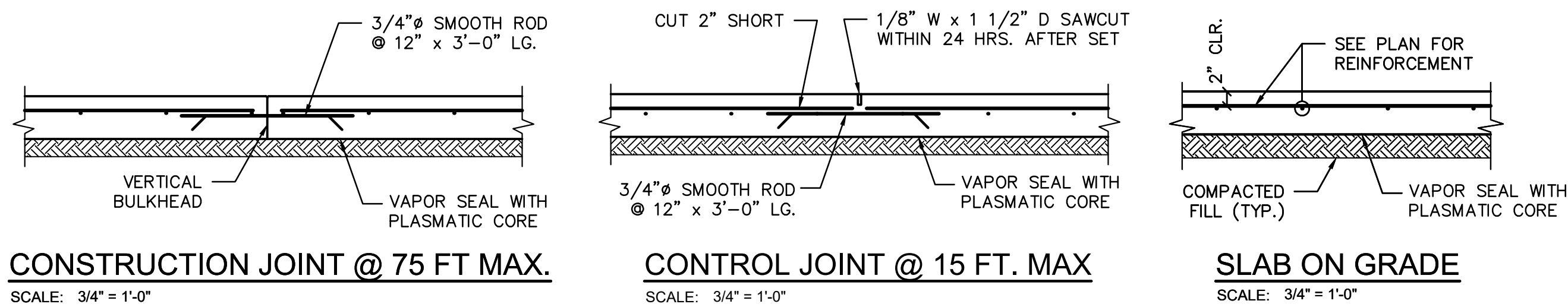
TYPICAL CONCRETE WALL OPENING REINFORCEMENTS DETAILS
NTS



TYPICAL RE-ENTRANT SLAB DETAILS
NTS

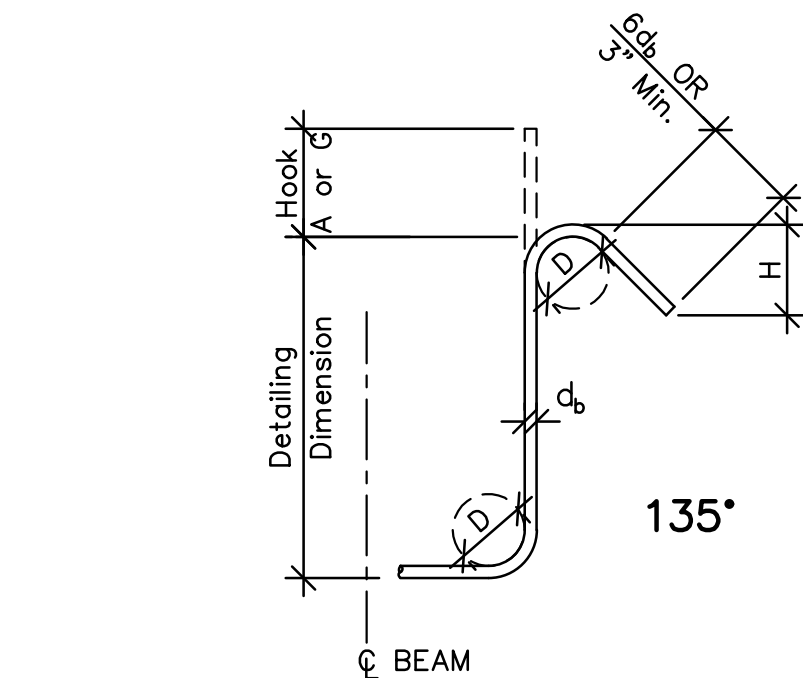


TYPICAL SLAB OPENING DETAILS
NTS



ALL GRADES OF STEEL
D = Finished inside bend diameter
d_b = Nominal bar diameter
Min. D = 6d_b for #3 through #8
Min. D = 8d_b for #9, #10 and #11
Min. D = 10d_b for #14 and #18

BAR SIZE	D	180° HOOKS		90° HOOKS	
		A OR G	J	A OR G	
#3	2 1/4"	5"	3"	6"	
#4	3"	6"	4"	8"	
#5	3 3/4"	7"	5"	10"	
#6	4 1/2"	8"	6"	1'-0"	
#7	5 1/4"	10"	7"	1'-2"	
#8	6"	11"	8"	1'-4"	
#9	9 1/2"	1'-3"	11 3/4"	1'-7"	
#10	10 3/4"	1'-5"	1'-1 1/4"	1'-10"	
#11	12"	1'-7"	1'-2 3/4"	2'-0"	
#14	18 1/4"	2'-3"	1'-9 3/4"	2'-7"	
#18	24"	3'-0"	2'-4 1/2"	3'-5"	

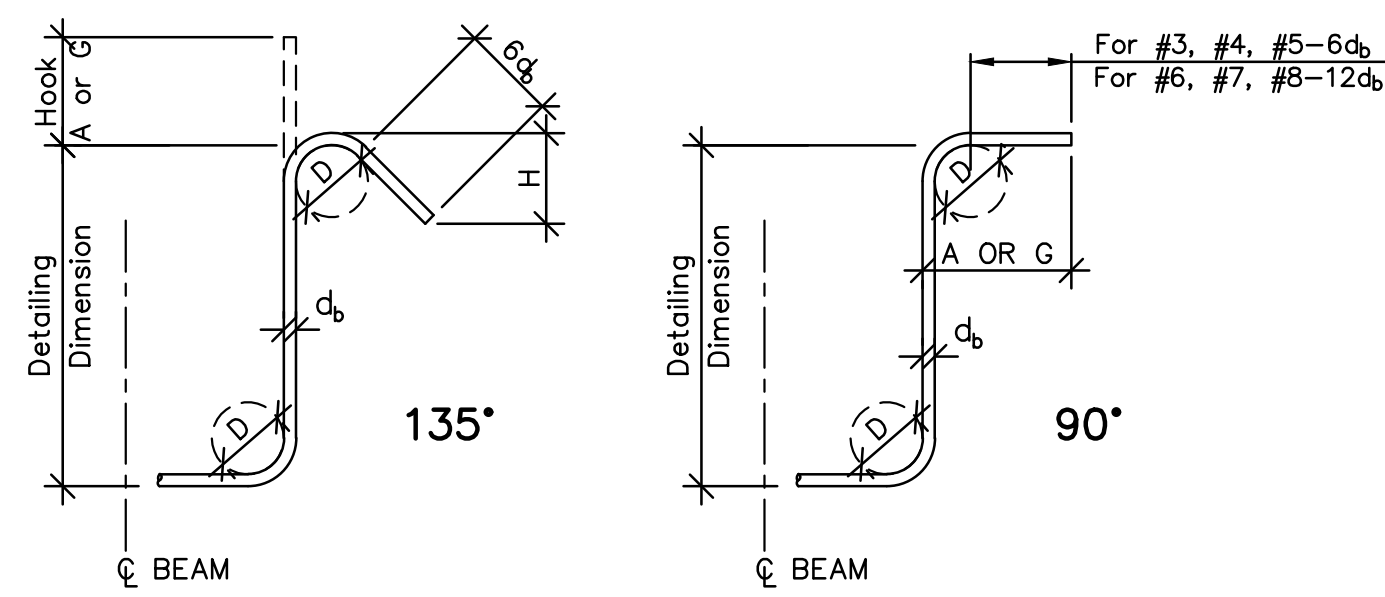
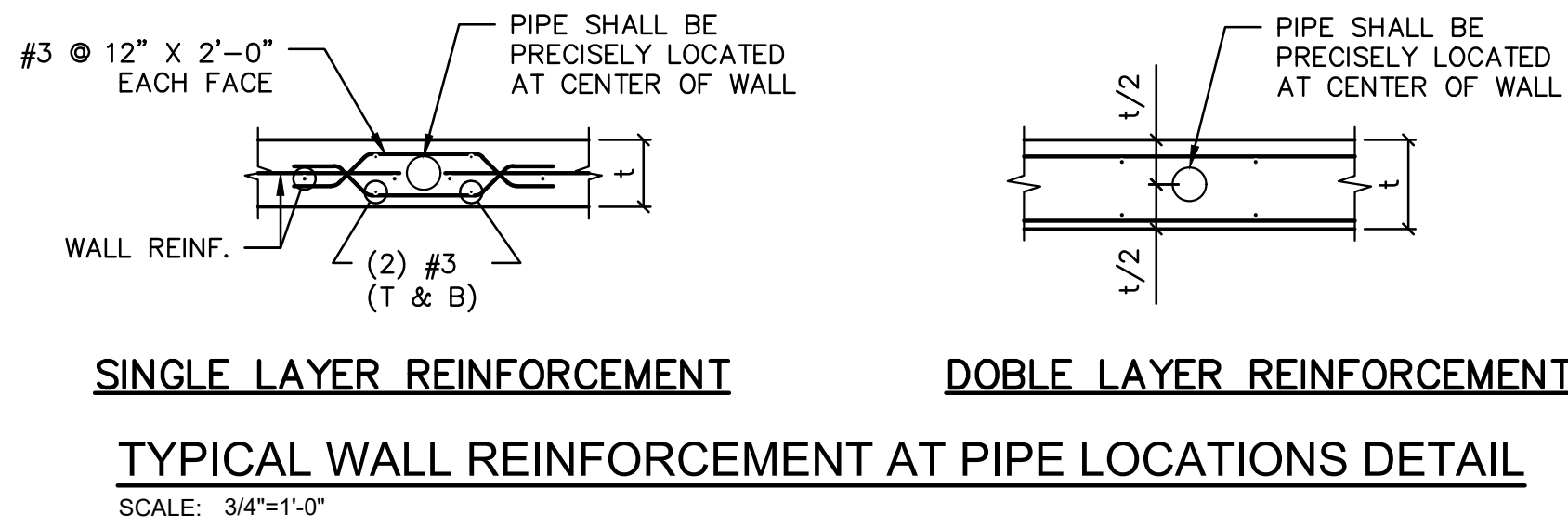


BAR SIZE	SEISMIC STIRRUP/TIE		
	D	A OR G	H*
#3	1 1/2"	4 1/4"	3"
#4	2"	4 1/2"	3"
#5	2 1/2"	5 1/2"	3 3/4"
#6	4 1/2"	8"	4 1/2"
#7	5 1/4"	9"	5 1/4"
#8	6"	10 1/2"	6"

H* dimension is approximate.

ACI HOOK DEVELOPMENT LENGTHS "L _{dh} " PER f _c (psi)		
BAR SIZE	3,000	4,000
#3	9	7
#4	11	10
#5	14	12
#6	17	15
#7	19	17
#8	22	19
#9	25	22
#10	28	24

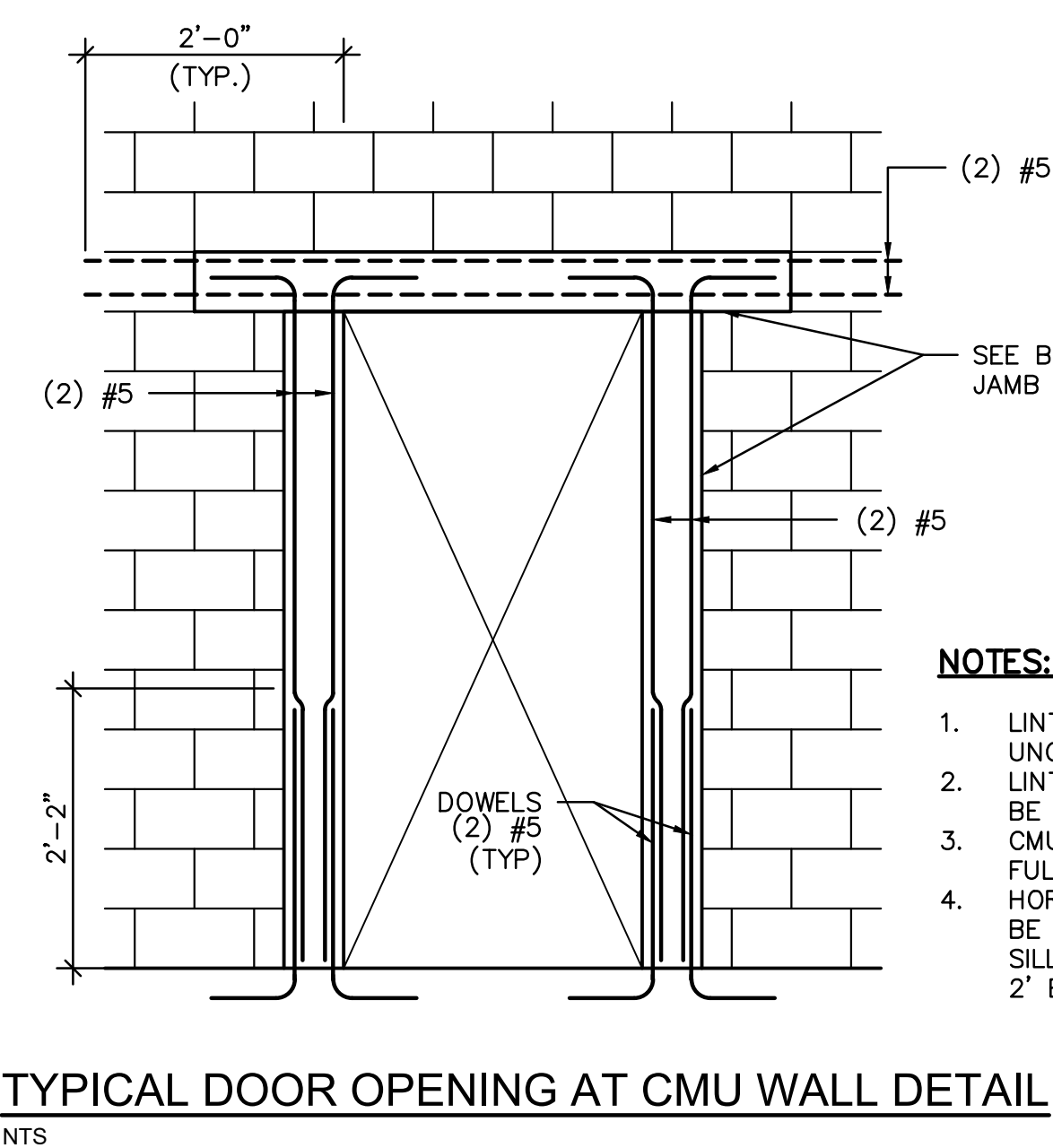
* IF SIDE COVER > 2 1/2" AND END COVER > 2", VALUES L_{dh} CAN BE MULTIPLIED BY 0.7. L_{dh} min = 6".



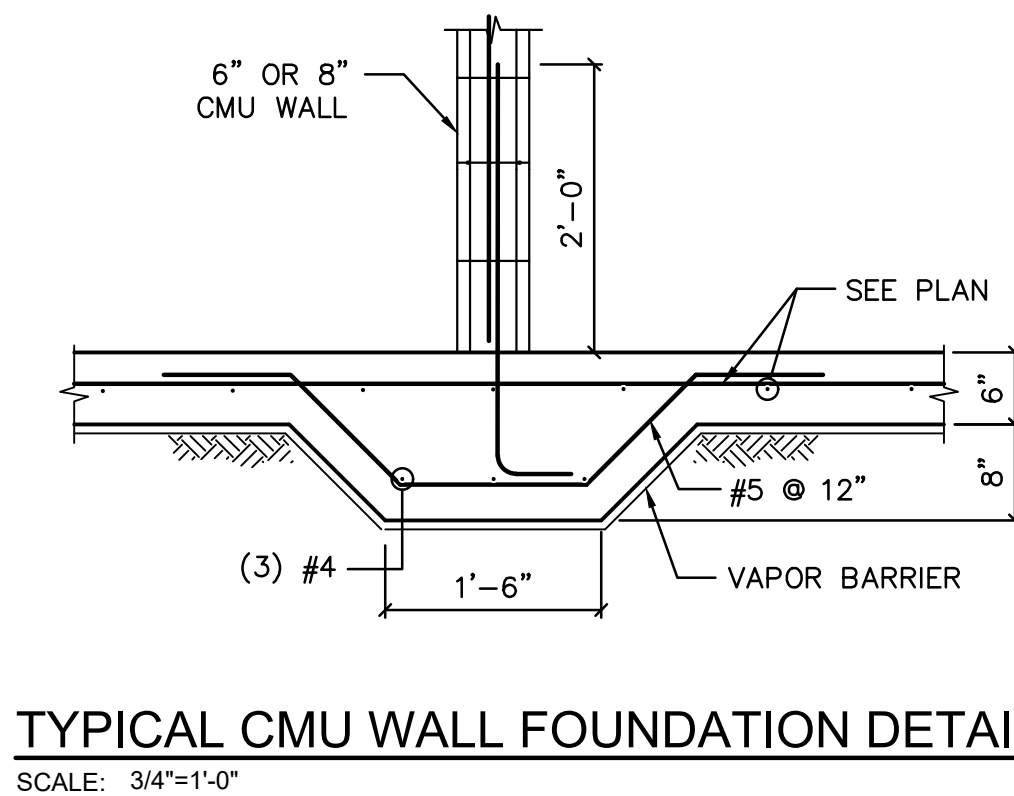
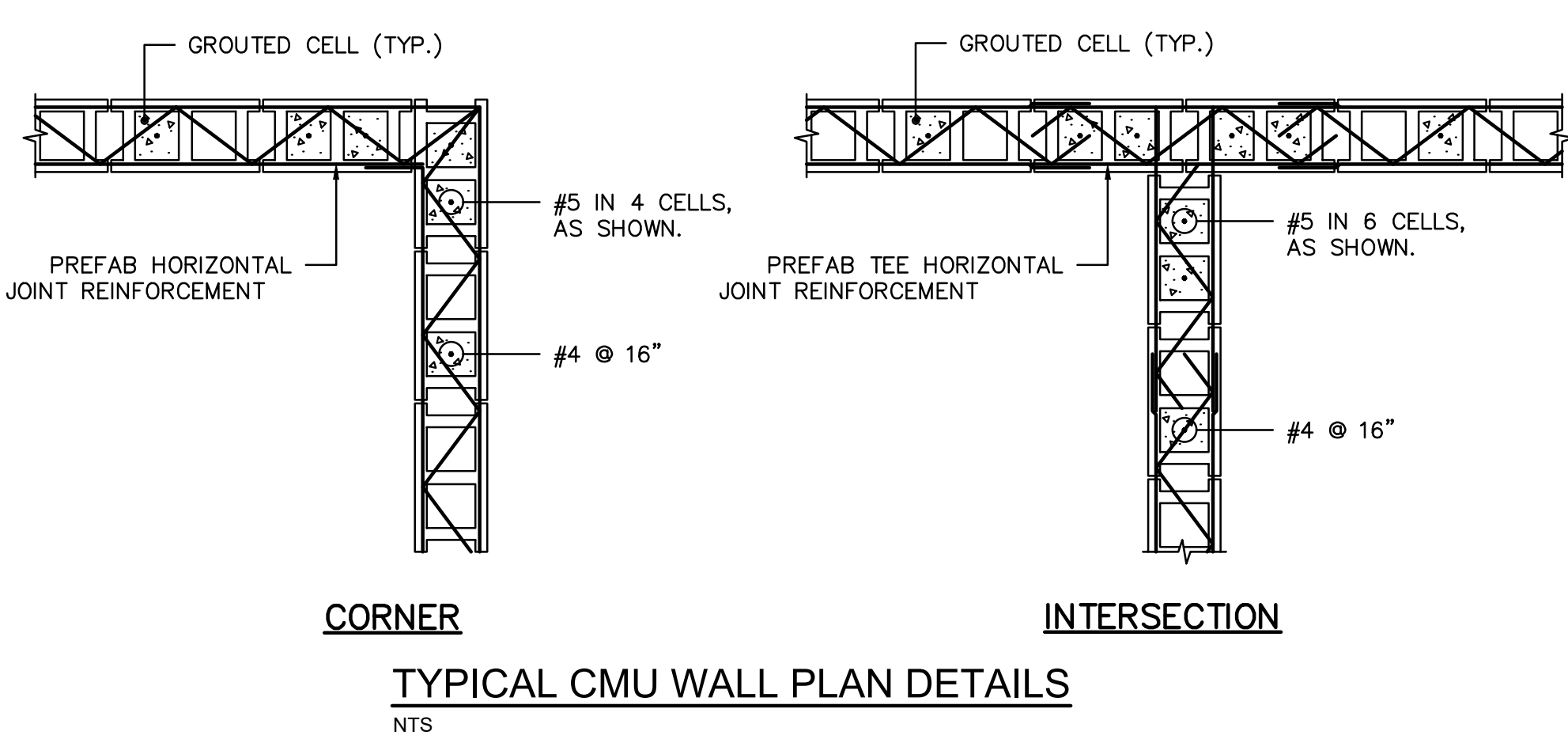
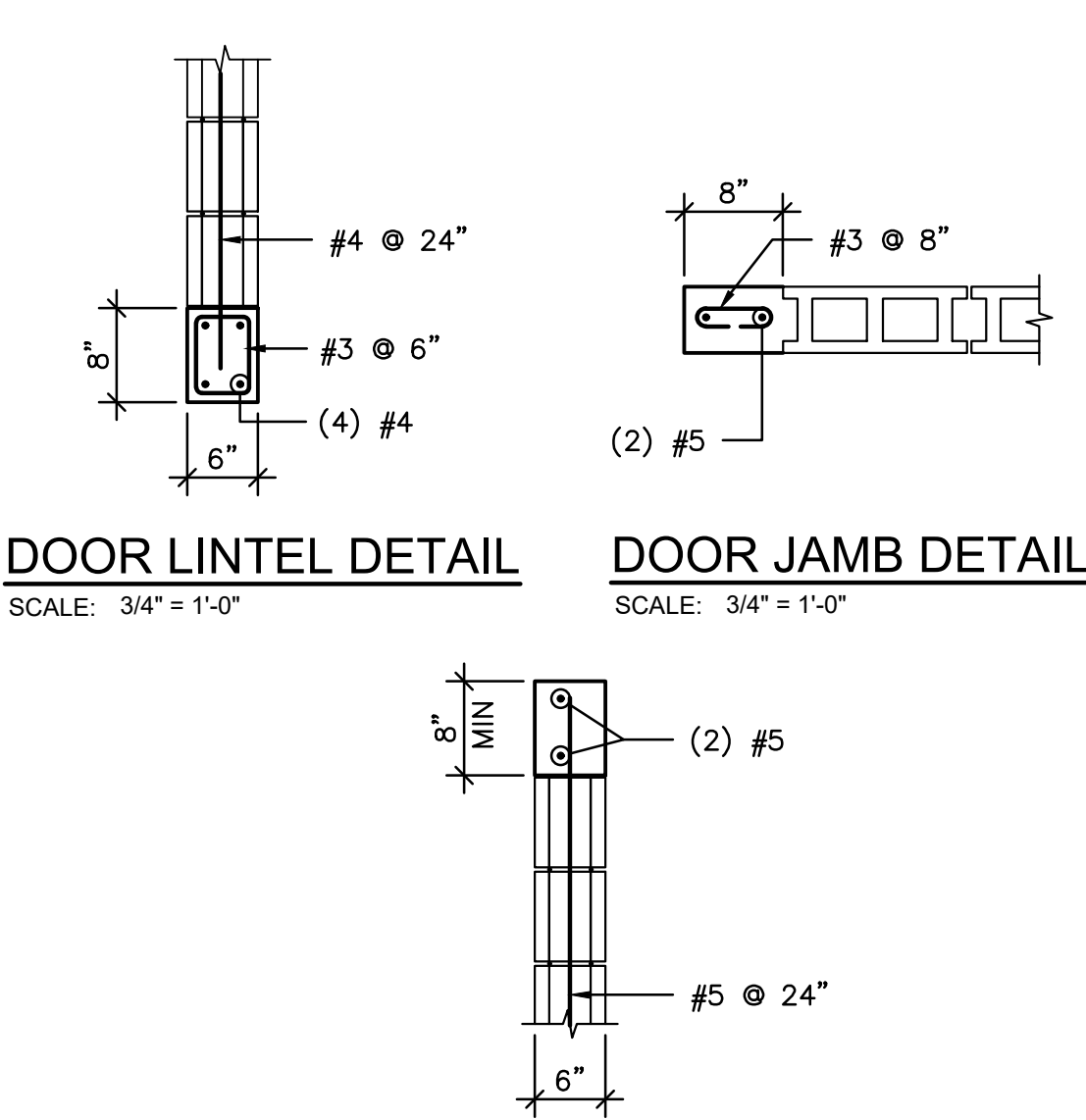
BAR SIZE	LAP CLASS	ACI TENSION LAP SPLICE LENGTHS FOR CLASS B			
		f _c = 3,000 psi		f _c = 4,000 psi	
		Top Bars Case 1	Others Bars Case 1	Top Bars Case 1	Others Bars Case 1
#3	B	28	22	25	19
#4	B	38	30	33	25
#5	B	48	36	41	32
#6	B	56	44	49	38
#7	B	81	64	71	54
#8	B	93	72	81	62
#9	B	105	81	91	70
#10	B	118	92	102	80

BAR SIZE	D	135° HOOKS		90° HOOKS	
		A OR G	H*	A OR G	
#3	1 1/2"	4"	2 1/2"	4"	
#4	2"	4 1/2"	3"	4 1/2"	
#5	2 1/2"	5 1/2"	3 3/4"	6"	
#6	4 1/2"	8"	4 1/2"	1'-0"	
#7	5 1/4"	9"	5 1/4"	1'-2"	
#8	6"	10 1/2"	6"	1'-4"	

H* dimension is approximate.



- NOTES:**
1. LINTEL SHALL EXTEND UNTIL IT BEAMS ON 1/2 OF UNOUT CMU (MIN. 8").
 2. LINTELS FOR OPENINGS LARGER THAN 6" SHALL BE SHORED.
 3. CMU CELL(S) ADJACENT TO OPENINGS SHALL BE FULLY GROUTED, EVEN IF UNREINFORCED.
 4. HORIZONTAL JOINT REINFORCEMENT SHALL BE @ 8" IN 2 JOINTS ABOVE LINTELS AND BELOW SILLS. ADDITIONAL REINFORCEMENT SHALL EXTEND 2" BEYOND OPENINGS.



- NOTES:**
1. FOR GENERAL NOTES, SEE DWG. S0-01.
 2. ALL SPLICES SHALL BE CLASS B PER ACI.



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SCALE

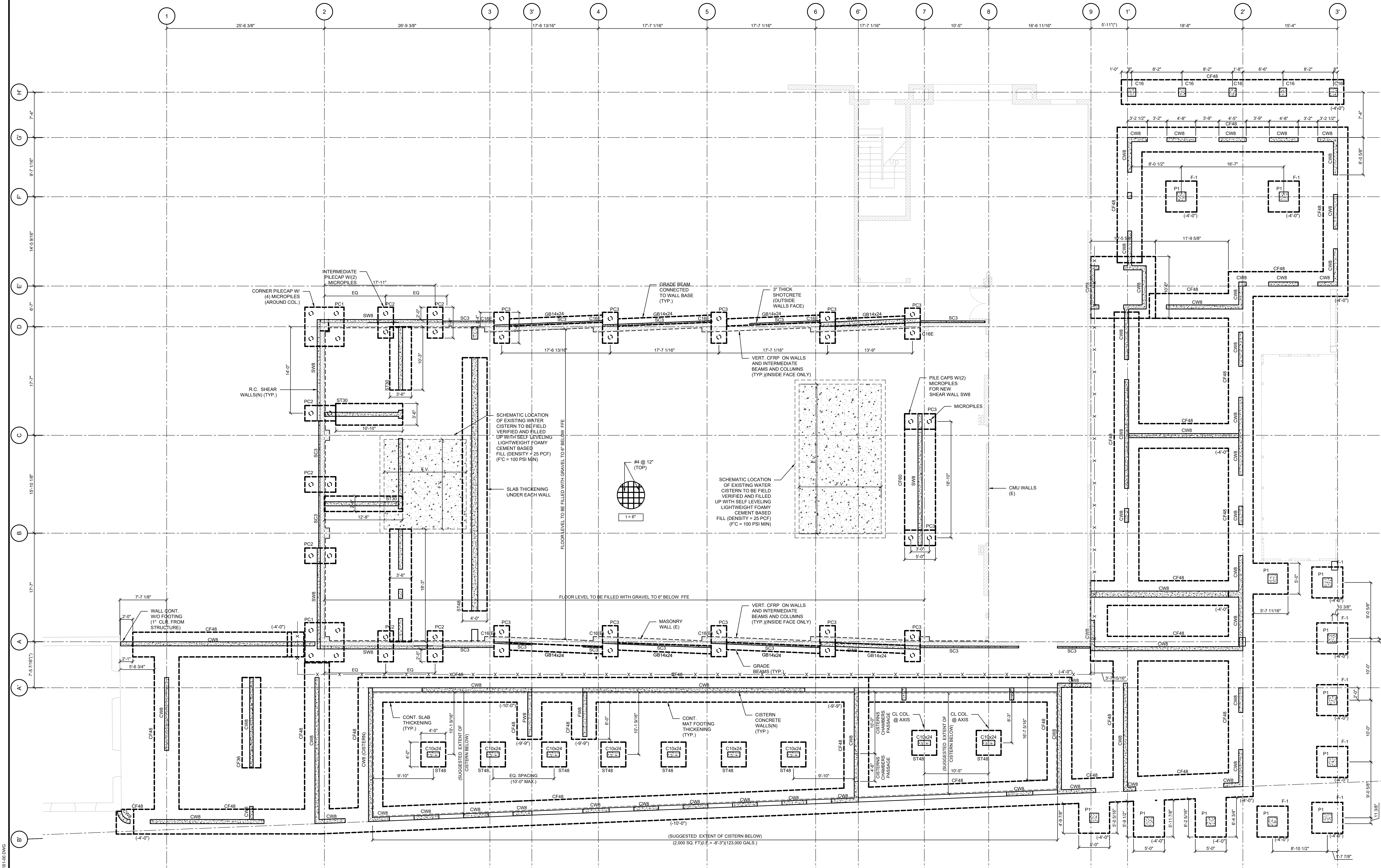
DETAILS OF REINFORCEMENT

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S0-03

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GENERAL FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

NOTES:
1. FOR GENERAL NOTES, SEE DWG. S0-01.

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06/11/25 DD (UPDATE) 06/11/25
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GENERAL FOUNDATION PLAN
SHEET TITLE
S1-00
SHEET NUMBER



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GENERAL GROUND LEVEL SLAB PLAN

SHEET TITLE

SHEET NUMBER



NOTES:

1. FOR GENERAL NOTES, SEE DWG. S0-01.



NOTES:

1. FOR GENERAL NOTES, SEE DWG. S0-01.

DATE: Thursday, June 12, 2025 11:55 AM USER: Lark-Dan-Agosto FILE: C:\M\WORKSPACE\2012\25\REVIEWS\03.DWG



GENERAL THIRD FLOOR STRUCTURAL SLAB PLAN
SCALE: 3/16" = 1'-0"

NOTES:

1. FOR GENERAL NOTES, SEE DWG. S0-01.



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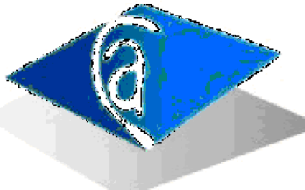
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S1-03

SHEET NUMBER



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Theatre Consultants Collaborative logo, featuring a stylized 't' and 'c' in black and purple, with the text 'Theatre Consultants Collaborative' in black and purple.

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ADDRESS

1192	5/2025
PROJECT NUMBER	DATE

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DESIGN DEVELOPMENT (UPDATE)	05/23/25
6/11/25  DD (UPDATE)	JBF

NOTES:

SCALE

GENERAL ROOF LEVEL FRAMING AND SLAB PLAN

SHEET TITLE

S1-04

SHEET NUMBER



NOTES:

1. FOR GENERAL NOTES, SEE DWG. S0-01.