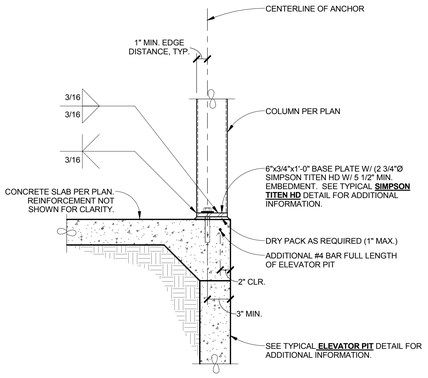
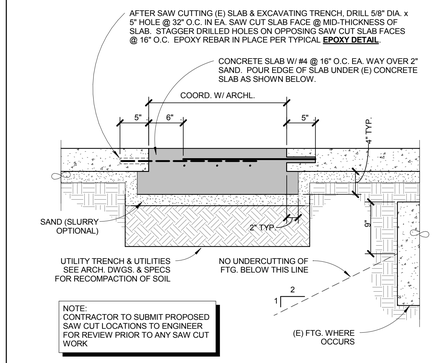


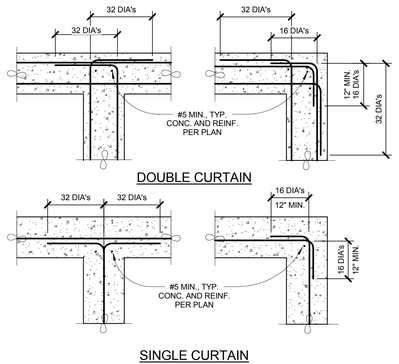
B1 ELEVATOR GUIDE RAIL AT FOUNDATION

SS103 | NOT TO SCALE



B2 UTILITY TRENCH SLAB RETROFIT

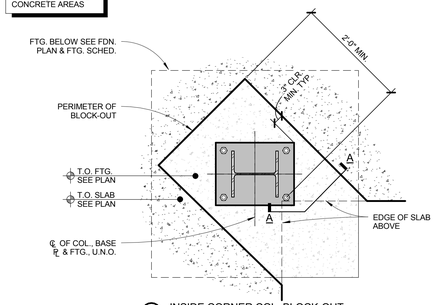
SS103 | NOT TO SCALE



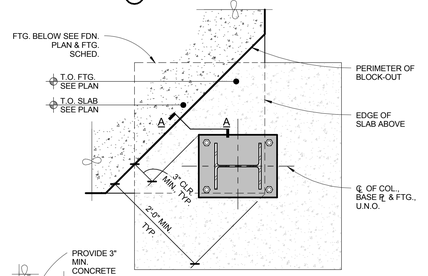
B4 REBAR PLACEMENT AT INTERSECTIONS

SS103 | NOT TO SCALE

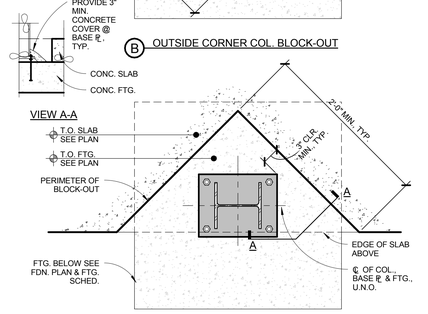
NOTE: COOR. BLOCKOUTS W/ MECH'L @ EXPOSED CONCRETE AREAS



A INSIDE CORNER COL. BLOCK-OUT

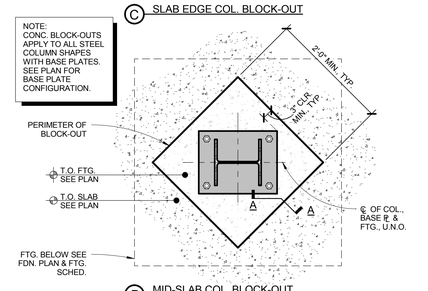


B OUTSIDE CORNER COL. BLOCK-OUT



C SLAB EDGE COL. BLOCK-OUT

NOTE: CONC. BLOCK-OUTS APPLY TO ALL STEEL COLUMN SHAPES WITH BASE PLATES. SEE PLAN FOR BASE PLATE CONFIGURATION.



D MID-SLAB COL. BLOCK-OUT

F6 CONCRETE BLOCK-OUTS FOR STEEL COL.

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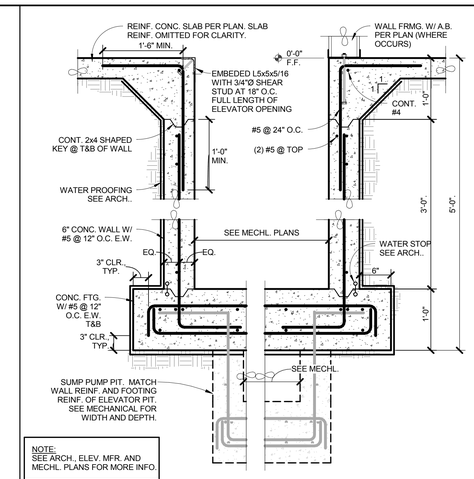

NOTE: SEE ARCH., ELEV. MFR. AND MECH'L. PLANS FOR MORE INFO.

B8 ELEVATOR PIT

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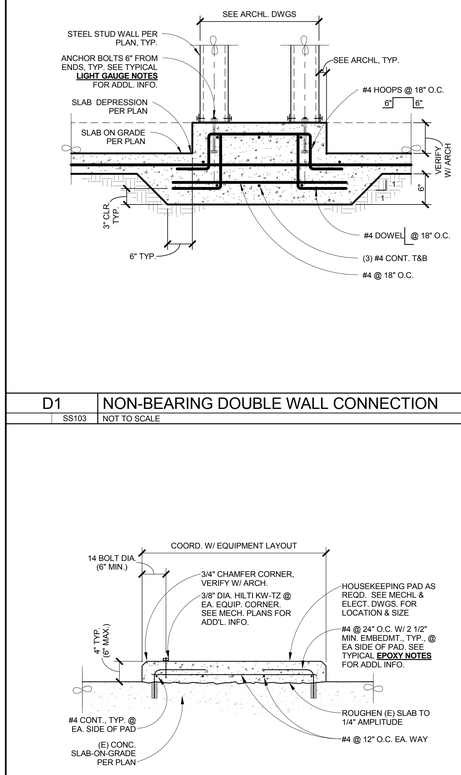

F1 HOUSEKEEPING PAD FOR (E) CONC. SLAB

SS103 | NOT TO SCALE

F2 SPECIAL INSPECTION FOR STEEL AND CONCRETE

SS103 | NOT TO SCALE

	VERIFICATION AND INSPECTION DESCRIPTION	FREQUENCY OF INSPECTION	REFERENCED STANDARD	REQ. FOR PROJ.
1.	INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT.	PERIODIC	A.C.I. 318: 3.5, 7.1-7.7	✓
2.	INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR DESIGN IS BASED ON SECTION 1912A.	CONTINUOUS	A.C.I. 318: APPENDIX D	✓
3.	VERIFYING USE OF REQUIRED DESIGN MIX.	PERIODIC	A.C.I. 318: CH. 4, 5.2-5.4	✓
4.	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.	CONTINUOUS	A.S.T.M. C172 A.S.T.M. C31 A.C.I. 318: 5.6, 5.8	✓
5.	INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONTINUOUS	A.C.I. 318: 5.9, 5.10	✓
6.	POST-INSTALLED ANCHORS.	CONTINUOUS	-	✓

	VERIFICATION AND INSPECTION DESCRIPTION	FREQUENCY OF INSPECTION	REFERENCED STANDARD	REQ. FOR PROJ.
1.	MATERIAL VERIFICATION OF HIGH STRENGTH BOLTS, NUTS AND WASHERS:			
a.	IDENTIFICATION MARKINGS TO CONFORM TO A.S.T.M. STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	PERIODIC	APPLICABLE A.S.T.M. MATERIAL SPECIFICATIONS; A.I.S.C. 360, SECTION A3.3	✓
b.	MANUFACTURERS CERTIFICATE OF COMPLIANCE REQUIRED.	PERIODIC	-	✓
2.	INSPECTION OF HIGH-STRENGTH BOLTING:			
a.	BEARING TYPE CONNECTIONS.	PERIODIC	A.I.S.C. 360, SECTION M2.5	✓
b.	SLIP-CRITICAL CONNECTIONS.	CONTINUOUS		✓
3.	MATERIAL VERIFICATION OF STRUCTURAL STEEL:			
a.	IDENTIFICATION MARKINGS TO CONFORM TO A.S.T.M. STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	VERIFICATION	A.S.T.M. A6 OR A.S.T.M. A568	✓
b.	MANUFACTURERS CERTIFIED MILL TEST REPORTS:	VERIFICATION	A.S.T.M. A 6 OR A.S.T.M. A 568	✓
4.	MATERIAL VERIFICATION OF WELD FILLER MATERIALS:			
a.	IDENTIFICATION MARKINGS TO CONFORM TO A.W.S. SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	VERIFICATION	A.I.S.C. 360, SECTION A3.5	✓
5.	INSPECTION OF WELDING:			
a.	STRUCTURAL STEEL:			
1)	COMPLETE AND PARTIAL PENETRATION OF GROOVE WELDS.	CONTINUOUS	A.W.S. D1.1[2]	✓
2)	MULTIPASS FILLET WELDS.	CONTINUOUS		✓
3)	SINGLE-PASS FILLET WELDS > 5/16"	CONTINUOUS		✓
4)	SINGLE PASS FILLET WELDS ≤ 5/16"	PERIODIC		✓
5)	FLOOR AND ROOF DECK WELDS.	PERIODIC	A.W.S. D1.3	✓
6.	INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS:			
a.	DETAILS SUCH AS BRACING AND STIFFENING.	PERIODIC	-	✓
b.	MEMBER LOCATIONS.	PERIODIC		✓
c.	APPLICATION OF JOINT DETAILS AT EACH CONNECTION	PERIODIC		✓

1. FOR SEISMIC-FORCE-RESISTING SYSTEMS IN SEISMIC DESIGN CATEGORY D, E, OR F A.I.S.C. 341 ALSO APPLIES.
2. APPLIES TO SHOP AND FIELD WELDING.

D1 NON-BEARING DOUBLE WALL CONNECTION

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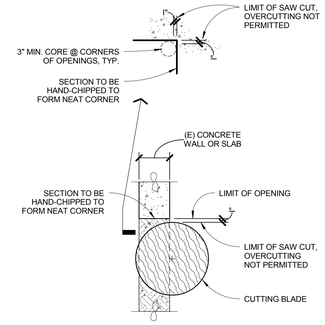
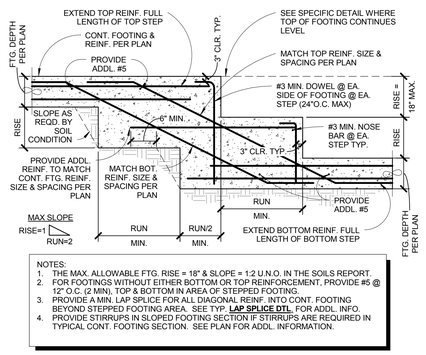


D4 SAW CUTTING IN CONCRETE

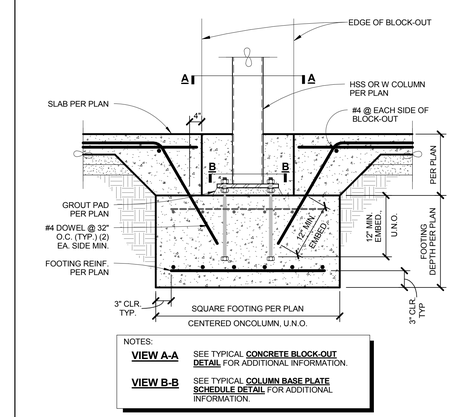
SS103 | NOT TO SCALE



NOTES:
1. THE MAX. ALLOWABLE FTG. RISE = 18" & SLOPE = 1:2 U.N.O. IN THE SOILS REPORT.
2. FOR FOOTINGS WITHOUT EITHER BOTTOM OR TOP REINFORCEMENT, PROVIDE #5 @ 12" O.C. (2 MIN), TOP & BOTTOM IN AREA OF STEPPED FOOTING.
3. PROVIDE A MIN. LAP SPLICE FOR ALL DIAGONAL REINF. INTO CONT. FOOTING BEYOND STEPPED FOOTING AREA. SEE TYP. LAP SPLICE DTL. FOR ADDL. INFO.
4. PROVIDE STIRRUPS IN SLOPED FOOTING SECTION IF STIRRUPS ARE REQUIRED IN TYPICAL CONT. FOOTING SECTION. SEE PLAN FOR ADDL. INFORMATION.

F4 STEPPED FOOTING

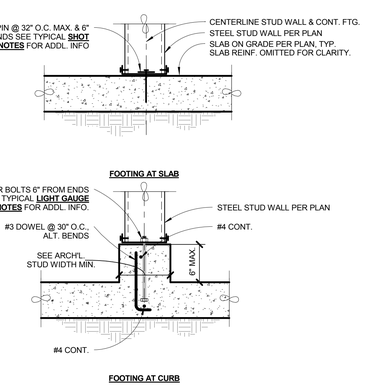
SS103 | NOT TO SCALE



NOTES:
VIEW A-A SEE TYPICAL CONCRETE BLOCK-OUT DETAIL FOR ADDITIONAL INFORMATION.
VIEW B-B SEE TYPICAL COLUMN BASE PLATE SCHEDULE DETAIL FOR ADDITIONAL INFORMATION.

D8 SQUARE FOOTING AT STEEL COL.

SS103 | NOT TO SCALE



F8 NON-BEARING WALL CONN. FOR LT. GA. STL.

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HMC PROJECT #1393002-000

Drawing Title	TYPICAL CONCRETE NOTES AND DETAILS
Approved: Project Director	
Project Title	Mental Health Psychosocial Rehab Recovery and Health Care for Homeless Veteran Center
Location	2615 E. CLINTON AVE, FRESNO, CA 93703
Date	08/11/2014
Checked	AL
Drawn	ESB
Project Number	570-217
Building Number	37
Drawing Number	SS103
Dwg.	84 of 197

Office of Construction and Facilities Management:

Department of Veterans Affairs