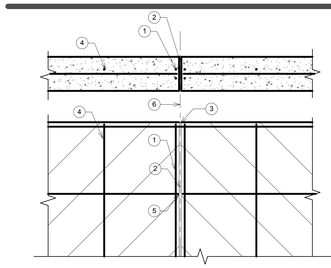
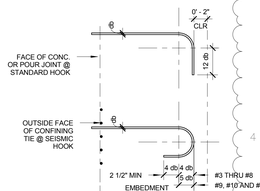


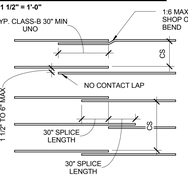
1. TYPICAL (2) #5 REBAR @ EA. END OF VERTICAL CONTROL JOINTS
2. CONTROL JOINT @ 48" O/C
3. DEEP RAKED VERTICAL JOINTS (SEE PLANS)
4. TYP. CONC. REINFORCEMENT PER PLAN OR TYP. CONC. WALL REINFORCEMENT AT INTERSECTIONS
5. CUT EVERY OTHER HORIZ. BAR @ EVERY CONTROL JOIN
6. CONTROL JOIN 40'-0" O/C MAX

24 03 - A - Conc. Wall Control Join
1" = 1'-0"



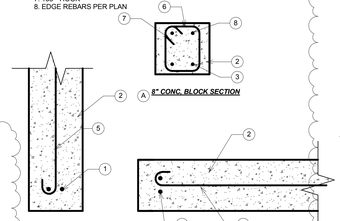
NOTES:
ALL HOOKED BARS SHALL EXTEND AS FAR AS POSSIBLE TO THE OPPOSITE FACE WITH A MIN. OF 2" END COVER AND EMBEDMENT NOT LESS THAN THE SCHEDULED
2. MIN. SIDE COVER = 2 1/2"
3. FOR WALLS FOOTING DOWEL EMBEDMENT LENGTHS SEE TYPICAL BAR SPLICE DETAIL

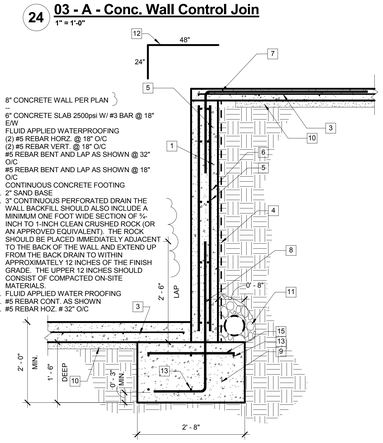
23 03 - A - Conc. Hook Detail
1 1/2" = 1'-0"



22 03 - A - Conc. Bar Slice Details
1 1/2" = 1'-0"

1. PROVIDE FOLLOWING
   - (2) #5 REBAR UP TO 6'-0" OPENING
   - (2) #6 REBAR UP TO 8'-0" OPENING
   - (2) #7 REBAR UP TO 14'-0" OPENING
2. CONC. WALL PER PLAN
3. (2) #5 REBAR MIN
4. #4 @ 8" O/C WHERE LINTEL HIGHT IS < 4'-0" & >2'-0"
5. #5 @ 8" O/C WHERE LINTEL HIGHT IS < 4'-0" & >2'-0"
6. #3 TIES @ 8" O/C
7. 135° HOOK
8. EDGE REBARS PER PLAN





1. 8" CONCRETE WALL PER PLAN
2. –
3. 6" CONCRETE SLAB 2500psi W/ #3 BAR @ 18" E/W
4. FLUID APPLIED WATERPROOFING
5. (2) #5 REBAR HORZ. @ 18" O/C
6. (2) #5 REBAR VERT. @ 18" O/C
7. #5 REBAR BENT AND LAP AS SHOWN @ 32" O/C
8. #5 REBAR BENT AND LAP AS SHOWN @ 18" O/C
9. CONTINUOUS CONCRETE FOOTING
10. 2" SAND BASE
11. 3" CONTINUOUS PERFORATED DRAIN THE WALL BACKFILL SHOULD ALSO INCLUDE A MINIMUM ONE FOOT WIDE SECTION OF ¾-INCH TO 1-INCH CLEAN CRUSHED ROCK (OR AN APPROVED EQUIVALENT). THE ROCK SHOULD BE PLACED IMMEDIATELY ADJACENT TO THE BACK OF THE WALL AND EXTEND UP FROM THE BACK DRAIN TO WITHIN APPROXIMATELY 12 INCHES OF THE FINISH GRADE. THE UPPER 12 INCHES SHOULD CONSIST OF COMPACTED ON-SITE MATERIALS
12. FLUID APPLIED WATER PROOFING
13. #5 REBAR CONT. AS SHOWN
14. #5 REBAR HOZ. @ 32" O/C

25 03 - 100A - 8" NUDURA WALL/FOOTING
3/4" = 1'-0"

PANEL GAUGE	F_y (PSI)	F_n (PSI)	MATERIAL THICKNESS (IN.)	WEIGHT (PSF)	GIRTH (IN.)	I_p (IN⁴/FT) TOP, FLAT IN COMPRESSION	I_p (IN⁴/FT)	S_p (IN³/FT) BOTTOM, FLAT IN COMPRESSION	S_p (IN³/FT)
29	80,000	50,000	.0120	0.62	41.56	.0251	.0334	.0320	.0435
26	80,000	50,000	.0198	0.96	41.56	.0423	.0408	.0383	.0434
24	50,000	33,000	.0258	1.25	41.56	.0575	.0571	.0521	.0575
22	50,000	33,000	.0318	1.54	41.56	.0702	.0742	.0620	.0716
0.52 ALUM.	30,500	18,300	.0320	0.52	41.56	.0706	.0748	.0687	.0731

NOTE: USE 24 GA. MBCI "R" PANEL FOR ROOF OR EQUAL.

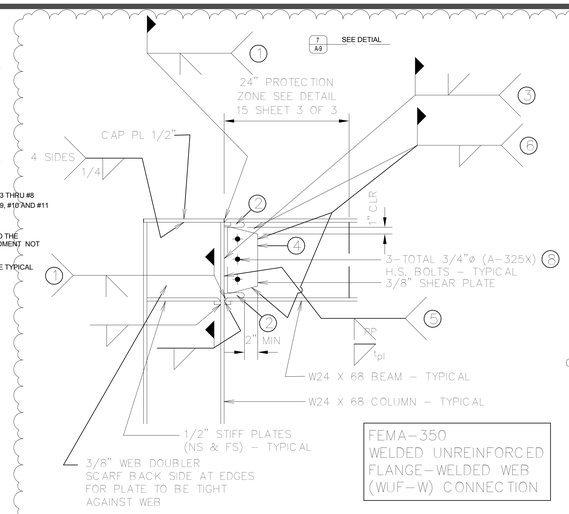
26 07 - 000 - Roof Paneling
1/16" = 1'-0"

21 03 - A - Conc. 8" Wall Head & Jamb Detail
1 1/2" = 1'-0"

NOTES:
*1. PROVIDE STANDARD HOOK ON TRIM BARS WHERE STRAIT CANNOT BE MAINTAINED

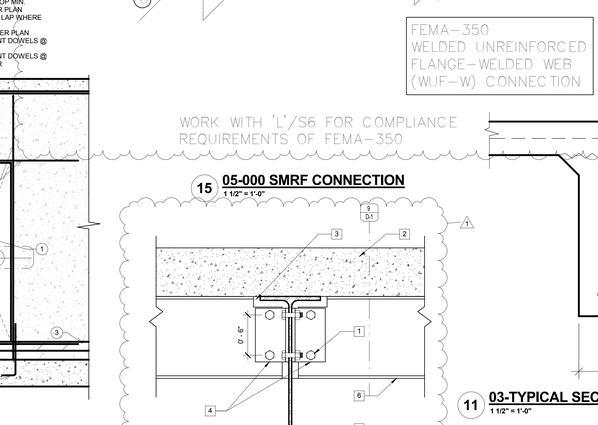
2. SEE TYPICAL "CONCRETE BLOCK WALL REINFORCING AT INTERSECTIONS" FOR MINIMUM CONCRETE BLOCK WALL REINFORCING

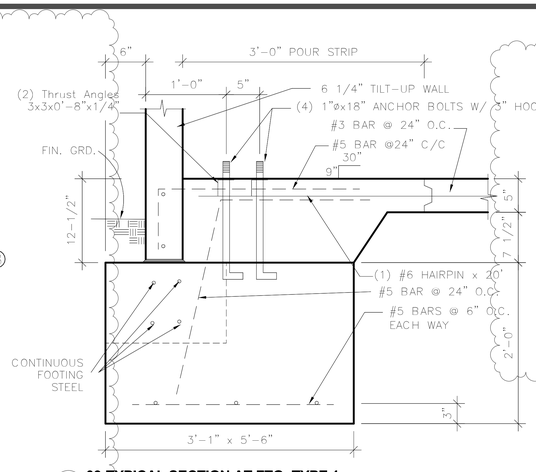
1. DOOR OPENING
2. WINDOW OPENING
3. SLAB ON GRADE
4. FOOTINGS PER PLAN
5. (2) #5 REBAR 30" PAST OPENING
6. (2) #5 REBAR @ TOP MIN.
7. VERT. REBAR PER PLAN
8. EXTEND BARS OR LAP WHERE POSSIBLE
9. TOP CONDITION PER PLAN
10. (1) #5 REBAR BENT DOWELS @ EDGES
11. (1) #5 REBAR BENT DOWELS @ EACH SIDE OF DOOR



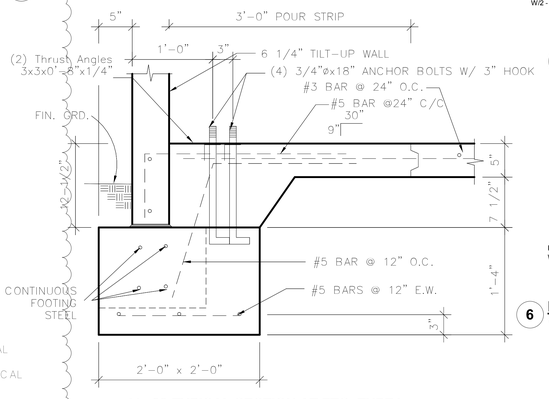
WORK WITH 'L'/S6 FOR COMPLIANCE REQUIREMENTS OF FEMA-350

14 05-000-.SMRF CONNECTION
1 1/2" = 1'-0"

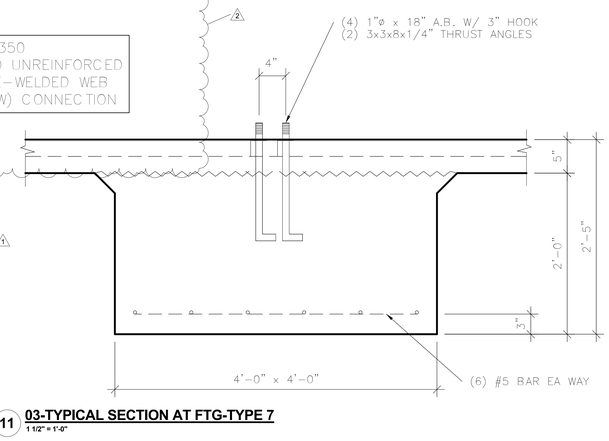




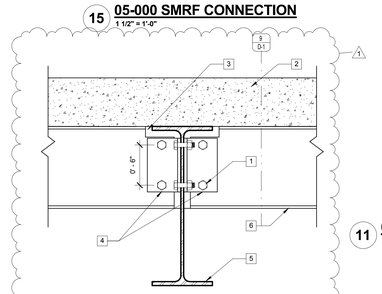
13 03-TYPICAL SECTION AT FTG.-TYPE 1
1 1/2" = 1'-0"



12 03-TYPICAL SECTION AT FTG.-TYPE4
1 1/2" = 1'-0"



11 03-TYPICAL SECTION AT FTG-TYPE 7
1 1/2" = 1'-0"



15 05-000 SMRF CONNECTION
1 1/2" = 1'-0"

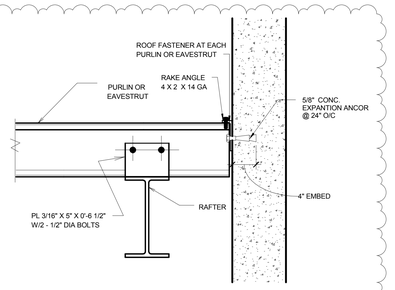
16 05-000-STEEL COL. TO WALL BEAM
1 1/2" = 1'-0"

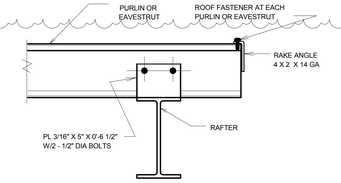
17 05-000-BASE PLATE DETAIL
1" = 1'-0"

10 03-TYPICAL SECTION AT FTG TYPE A
1 1/2" = 1'-0"

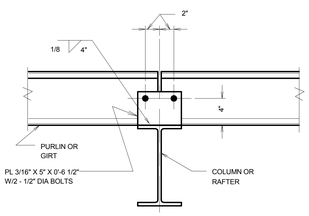
9 03-FLANGE BRACE DETAIL @ SEISMIC BEAM
1 1/2" = 1'-0"

4 04-000- STRUT CONNECTION
3/4" = 1'-0"

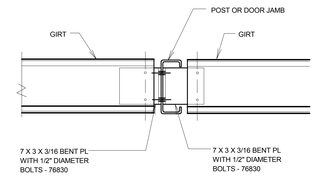




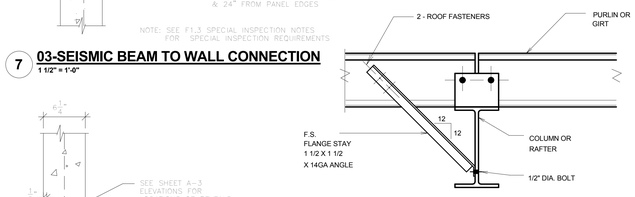
5 Purlin or Girt Connection
1 1/2" = 1'-0"



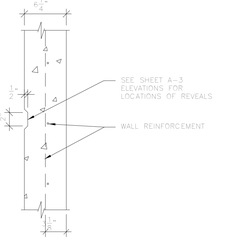
6 Purlin or Girt Connection
1 1/2" = 1'-0"



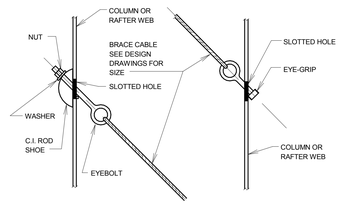
3 Girt Conn.
1 1/2" = 1'-0"



2 Flange Stay Detail
1 1/2" = 1'-0"



8 03-DETAIL @ REVEAL
1 1/2" = 1'-0"



1 Brace Conn. (Both Ends Of Cable)
1 1/2" = 1'-0"

27 05-000-SMRF CONNECTION
3/4" = 1'-0"

20 03 - A - Conc. 8" Openings
1/2" = 1'-0"

19 SLAB EDGE
3/4" = 1'-0"

18 TYP. CONTROL JOINT
1" = 1'-0"

Recycling Center For:
HOISTON INT'L ENTERPRISES INC.

13-940
6-26-14

2192 W. HIGHLAND AVE. SAN BERNARDINO, CA 92407

D-1

Details

S.D. ENGINEERING AND ASSOCIATES
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242 E. AIRPORT DRIVE, SUITE 212 - SAN BERNARDINO, CALIF. 92408
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Revision

Number	Description	Date
1	Plan Check	8-26-14
2	Plan Check	1-20-15
3	Plan Check Final	2-23-2015