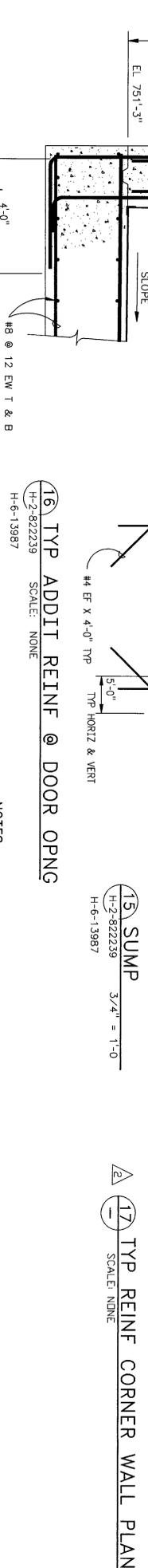
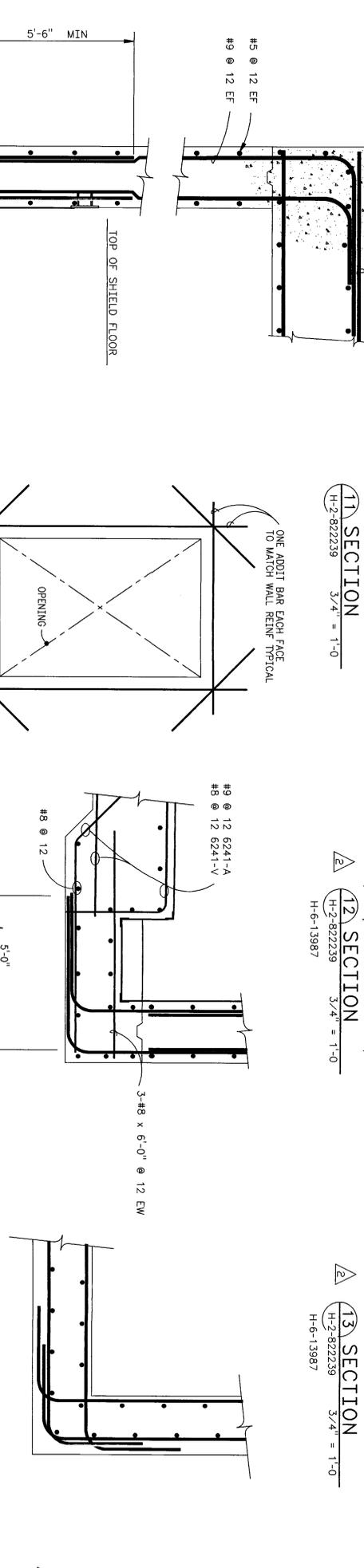
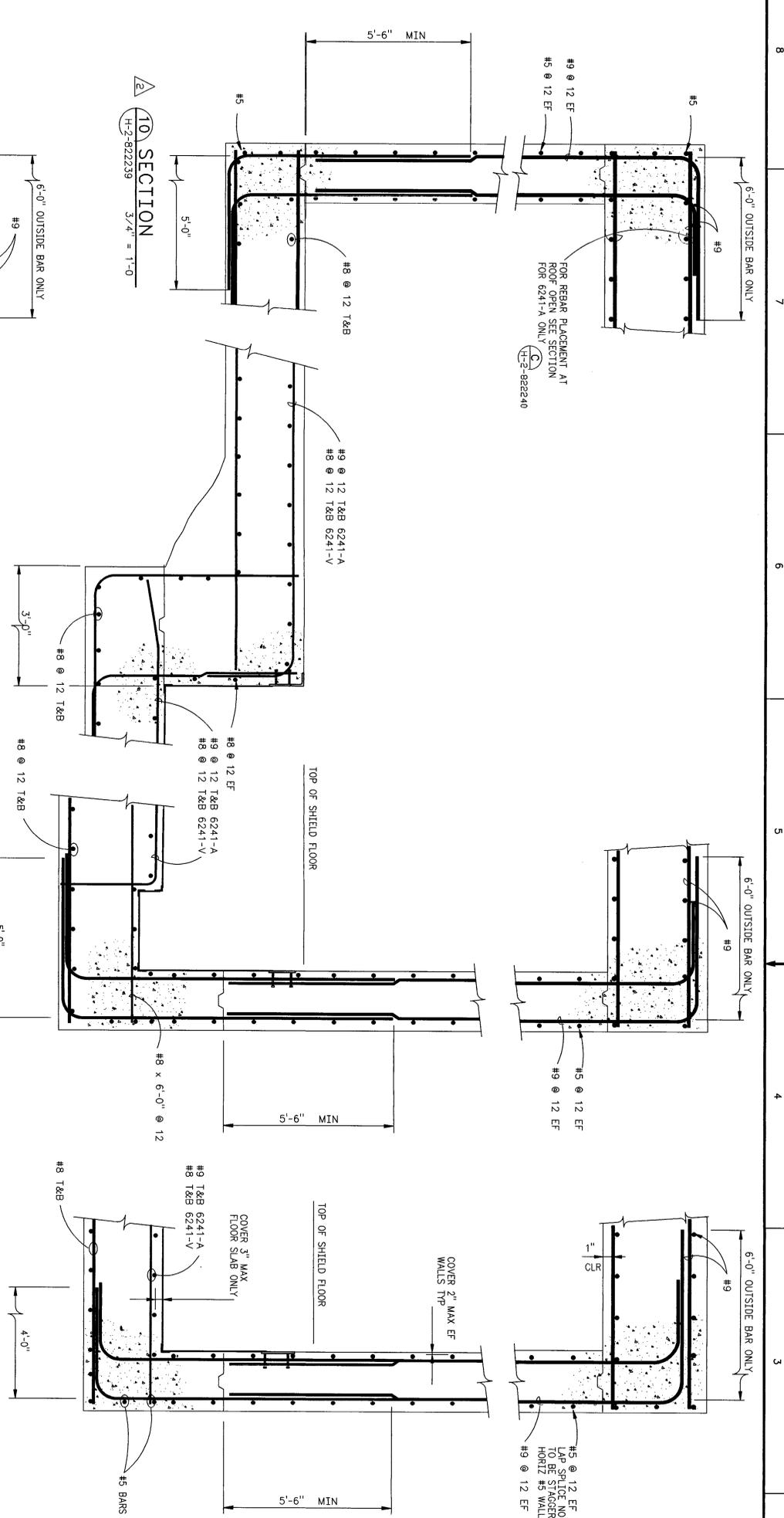


STRUCTURAL GENERAL NOTES

- FOR CONSTRUCTION SPECIFICATION SEE W-056-C3.
- DESIGN LOADS (DIV BOX AND VENT STATION LOADS ARE IDENTICAL)
 - A) FLOOR LIVE LOADS 360 PSF
 - DIVERSION BOX SHIELD FLOOR 100 PSF
 - SUPPORT BLDG CONC FLOOR
 - B) ROOF LIVE LOAD 150 PSF
 - DIVERSION BOX & CORRIDOR (ABOVE GROUND) 20 PSF
 - C) WIND - PER ASCE 7-93, EXPOSURE CATEGORY C WIND SPEED = 90 MPH, IMP FACTOR = 1.00
 - DIVERSION BOX WIND SPEED = 90 MPH, IMP FACTOR = 1.07
 - SUPPORT BLDG
 - D) SEISMIC FREE FIELD HORIZ ACCEL 0.20g
 - CORRIDOR FREE FIELD HORIZ ACCEL 0.15g
 - AIR TIGHT DOOR, DIVERSION BOX & VENT STATION PENETRATIONS
 - SUPPORT BLDG UBC 1994 ZONE 2B
 - IMP FACTOR = 1.25
- ADJACENT LATERAL SOIL PRESSURE (DURING CONSTRUCTION) 600 PSF
- SOIL BEARING PRESSURES: FOUNDATION DESIGN IS BASED ON A REPORT OF GEOTECHNICAL INVESTIGATION BY SHANNON & WILSON, INC #H-1112-51 MARCH 1995
- SAFETY CLASSIFICATIONS ARE AS FOLLOWS:
 - DIV BOX, VENT STATION & CORRIDOR*: SAFETY CLASS 1
 - CONCRETE SAFETY CLASS 1
 - REINFORCING STEEL SAFETY CLASS 1
 - AIR-TIGHT DOOR SAFETY CLASS 2
 - STEEL (STRL, STAINLESS & MISC) SAFETY CLASS 3
- THE CORRIDOR IS DESIGNATED SC-3/1. PROCEED CONCRETE AND REINFORCING STEEL IN ACCORDANCE WITH SC-1 REQUIREMENTS TO BE CONSISTENT WITH THE DIVERSION BOX AND VENT STATION SUPPORT BUILDINGS: SAFETY CLASS 3



14 SECTION
H-6-13987
3/4" = 1'-0"

10 SECTION
H-2-822239
3/4" = 1'-0"

11 SECTION
H-2-822239
3/4" = 1'-0"

12 SECTION
H-2-822239
3/4" = 1'-0"

13 SECTION
H-2-822239
3/4" = 1'-0"

16 TYP ADDIT REINF @ DOOR OPNG
H-6-13987
SCALE: NONE

15 SUMP
H-6-13987
3/4" = 1'-0"

17 TYP REINF CORNER WALL PLAN
SCALE: NONE

- NOTES**
- FOR DIMENSION AND ELEVATIONS NOT SHOWN SEE PLANS
 - FOR LINER EMBEDMENTS SEE H-2-822230

NO.	REVISION	DATE	BY	CHKD	APP'D
1	REVISE PER ENR W-056-93	12/15/93	WJW	WJW	
2	INCORP ENR W-056-106, 124, W-058 PROJECT TURNOVER AND	1/25/95	WJW	WJW	

NO.	REVISION	DATE	BY	CHKD	APP'D
1	REVISE PER ENR W-056-93	12/15/93	WJW	WJW	
2	INCORP ENR W-056-106, 124, W-058 PROJECT TURNOVER AND	1/25/95	WJW	WJW	



U.S. DEPARTMENT OF ENERGY
REINFORCEMENT DETAILS
CONCRETE
H-2-822265

DESIGNED BY: HOLLERBECK
 DRAWN BY: CHOU
 CHECKED BY: ANI S LAMBEIN
 IN CHARGE: RICHARD OPERATIONS OFFICE
 PROJECT: TOP KAISER HANDBOOK COMPANY

APPROVED FOR CONSTRUCTION:
 BY: CARL VAN YANWICK
 DATE: 10/20/95
 SCALE: 1/4" = 1'-0"
 SHEET: 1 OF 1