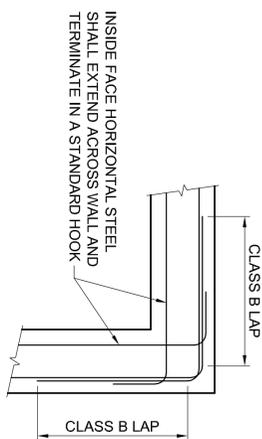
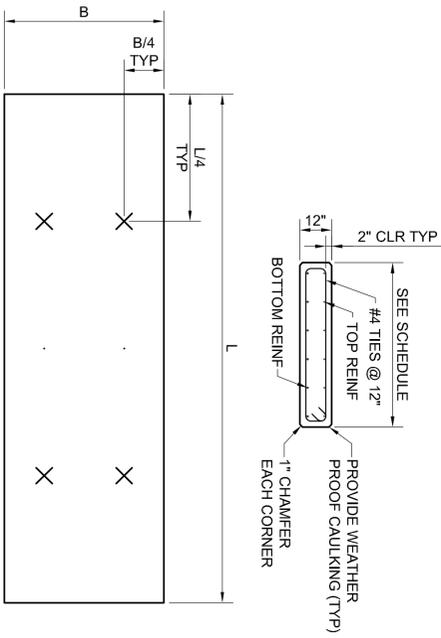


GORE  
**DETAIL A**  
 S20, S21  
 SCALE: 3/4" = 1'-0"



CORNER REINFORCEMENT  
**DETAIL B**  
 S20, S21  
 SCALE: 3/4" = 1'-0"



PROVIDE (4) STAINLESS STEEL LIFTING ANCHORS AT THE LOCATIONS SHOWN. EACH ANCHOR SHALL HAVE A MINIMUM PULLOUT CAPACITY OF 6,000 POUNDS.

REMOVEABLE PANELS						
MARK	STRUCTURE	B	L	TOP REINF	BOTTOM REINF	WEIGHT
C	JS 1	5'-1"	17'-6"	(6) #5	(6) #7	14,000 LBS
D	JS 2	4'-6"	16'-6"	(6) #5	(6) #7	11,200 LBS
E	DS 3	5'-2"	14'-0"	(6) #5	(6) #7	10,900 LBS

**DETAIL C**  
 S20, S21, S22  
 SCALE: NONE

NOTES FOR JUNCTION STRUCTURES 1 & 2 AND DIVERSION STRUCTURE 3

- STOP LOGS:
  - STOP LOGS WITHIN EACH STRUCTURE SHALL BE INTERCHANGEABLE.
  - NOMINAL LENGTH OF STOP LOGS SHALL BE AS SHOWN FOR EACH STRUCTURE.
  - HEIGHT OF STOP LOGS SHALL BE FLUSH WITH THE CORRESPONDING BENCH IN EACH STRUCTURE.
  - INDIVIDUAL STOP LOG MEMBERS SHALL NOT EXCEED 12-INCHES IN HEIGHT.
  - SEE GENERAL STRUCTURAL NOTES ON DRAWING S2 FOR ADDITIONAL INFORMATION.
- BENCHING:
  - ELEVATION AT TOP OF BENCH IS BASED ON 12-INCHES ABOVE THE HIGHEST PIPE SOFFIT IN EACH STRUCTURE.
  - SLOPE ALL BENCHING UPWARD AT 2% (MIN.) FROM STATED BENCH ELEVATION TOWARD ADJACENT EXTERIOR WALL.
- COATINGS:
 

APPLY APPROVED COATINGS SYSTEM ON ALL EXPOSED INTERIOR CONCRETE SURFACES PER PCI/COT SSP1 SECTION 509.
- ABBREVIATIONS:
 

DURO - DUROMETER  
 FRP - FIBERGLASS REINFORCED PLASTIC  
 H1E - HOOK ONE END  
 INV - INVERT  
 SST - STAINLESS STEEL  
 TOF - TOP OF FOUNDATION

PRELIMINARY NOT FOR  
 CONSTRUCTION

**BROWN AND  
 CALDWELL**  
 Tucson, Arizona



**PIMA COUNTY  
 REGIONAL WASTEWATER RECLAMATION  
 DEPARTMENT**

201 North Stone Avenue • Tucson, Arizona 85701-1207 • Phone: (520) 740-6500

DESIGNED BY:  
 ROT  
 DRAWN BY:  
 RAC  
 CHECKED BY (DESIGN):  
 RL4  
 CHECKED BY (FIELD ENG):  
 FIELD BOOK NO.:

NO.	REVISION	APPVD.	DATE
1	AMENDMENT	JLN	1/10

ROGER ROAD WRF TO INA ROAD WRF  
 PLANT INTERCONNECT  
 (SANTA CRUZ INTERCEPTOR - PHASE IV)

**DETAILS**

1/33988

DATE: JANUARY 28, 2009

SCALE: NONE

SHEET NO.:

**S23**

OF