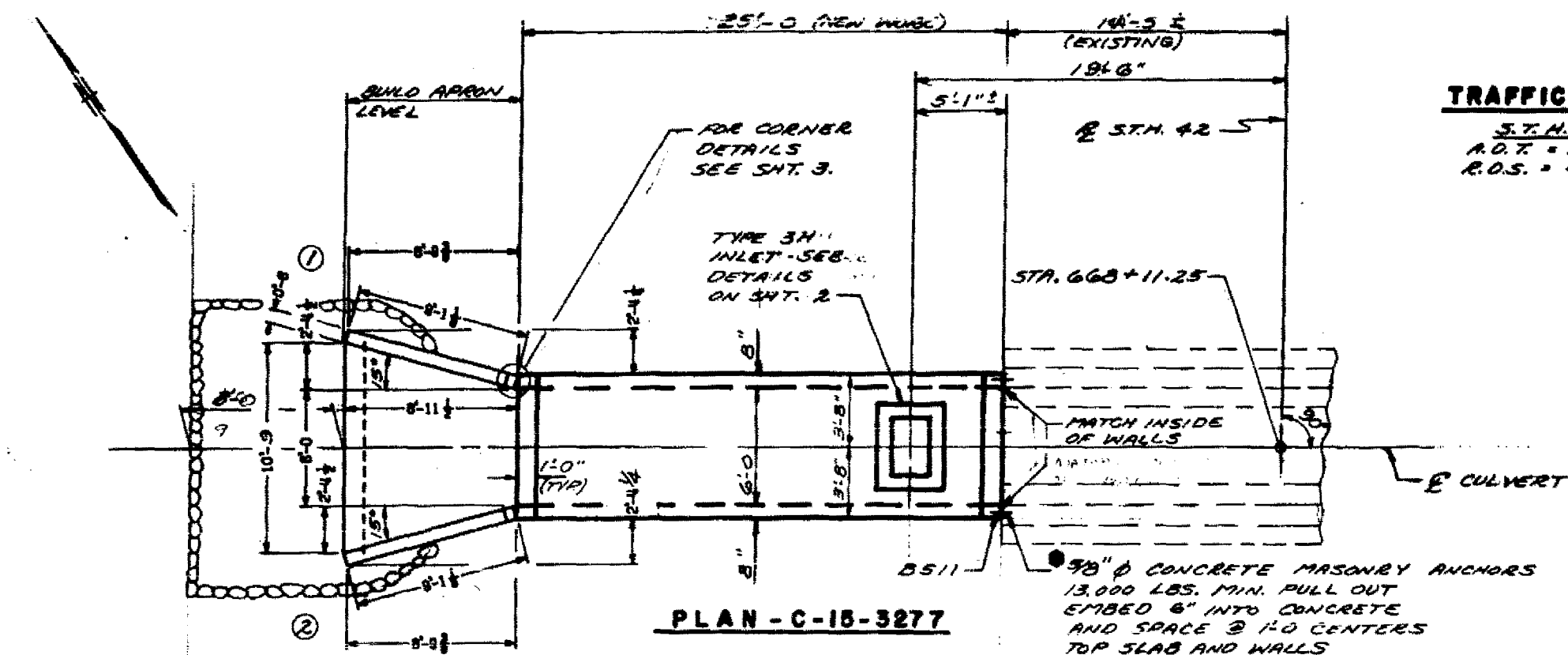




TRAFFIC VOLUME

J.T.H. #2
A.O.T. = 5/50 (2009)
R.O.S. = 45 M.R.H.

GENERAL NOTES

DRAWINGS SHALL NOT BE SCALED.
BAR STEEL REINFORCEMENT SHALL
BE EMBEDDED 2" CLEAR UNLESS
SHOWN OR NOTED OTHERWISE.
THE UPPER LIMITS OF EXCAVATION
FOR STRUCTURES SHALL BE THE
EXISTING GROUNDLINE.
THE CONCRETE IN THE CUTOFF WALLS
MAY BE PLACED UNDERWATER IF THE
EXCAVATION CANNOT BE DEWATERED.

DESIGN DATA

LIVELOAD: HS20
EARTHLOAD: DESIGNED FOR 6.8' OF FILL
ALLOWABLE DESIGN STRESSES:
CONCRETE MASONRY ————— FC: 3,500 P.S.I.
HIGH STRENGTH BARE
STEEL REINFORCEMENT ———— F_y: 60,000 P.S.I.

TOTAL ESTIMATED QUANTITIES

BID ITEMS

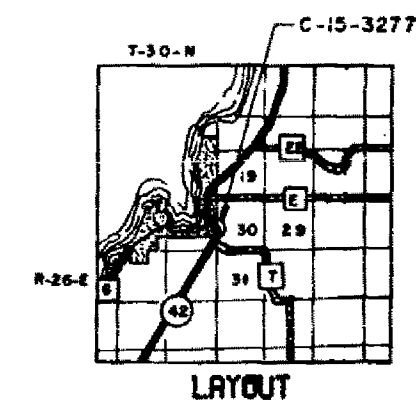
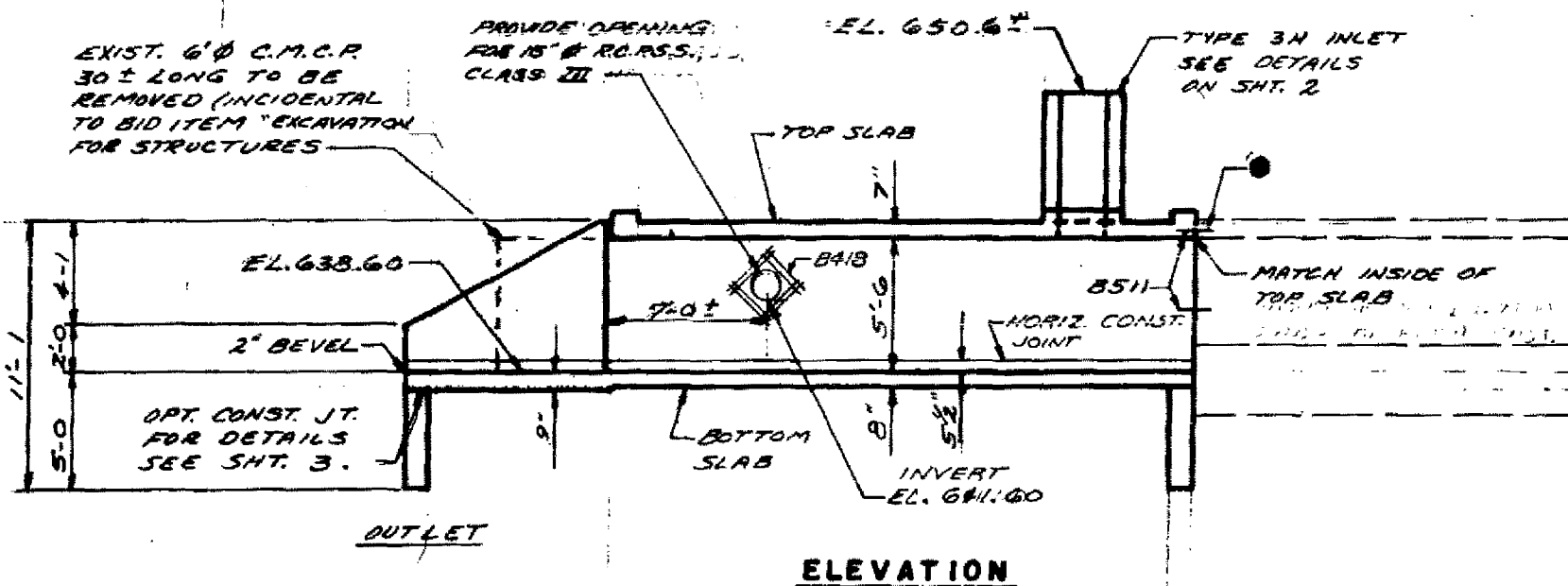
EXCAVATION FOR STRUCTURES, CULVERTS	1 L.S.
CONCRETE MASONRY, CULVERTS	24 C.Y.
HIGH STRENGTH BAR STEEL REINF., CULVERTS	2,360 LBS.
CONCRETE MASONRY ANCHORS - 5/8" ϕ	14 EACH
HEAVY R/PRAP	11 CY.

NON-BID ITEMS

POLYVINYL CHLORIDE WATERSTOP _____ 12 L.F.
FILLER _____ 30' SIZE

LIST OF DRAWINGS

1. LAYOUT
2. DETAILS
3. DETAILS



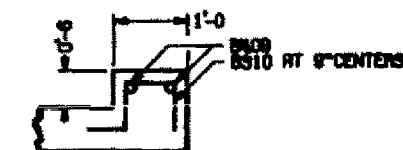
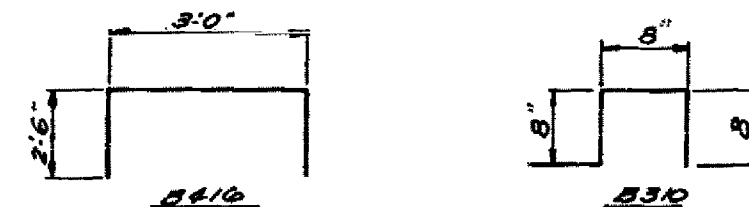
NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-15-3277			
S.T.M. 42 OVER DRY RUN			
COUNTY	DOOR	RAMP/W/ VILL	EGG HARBO
DESIGN SPEC	AASHTO 1985	LRFD HS20	JOINT SPEC 1981
DES BY COMP	DES CHK COMP	APPROV BY COMP / B J	FLS CHK H.E.A.
APPROVED STATE ENGINEER		E-30-88 DATE	
LAYOUT		SHEET 1 OF 3	
		X82022	

BILL OF BARS 1,940 LBS.

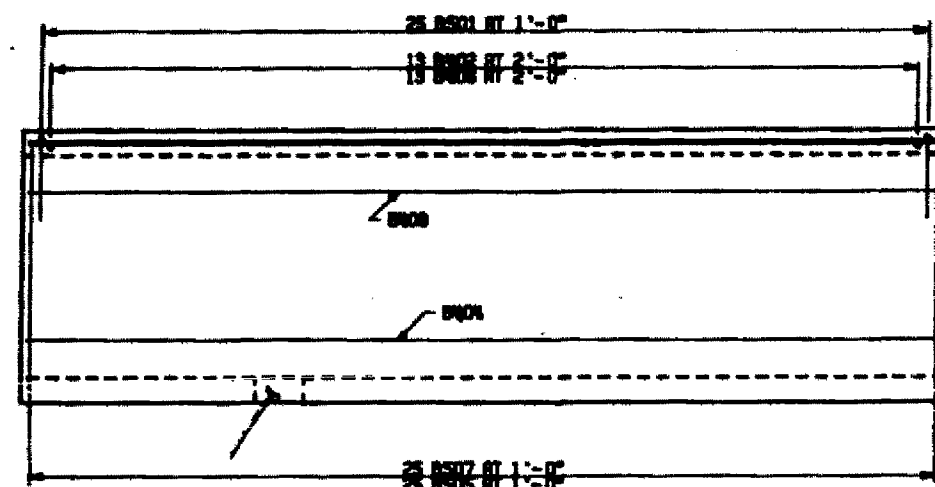
THE FIRST OR FIRST AND SECOND DIGIT OF THE MARK SIGNIFIES THE ROW SIZE
THE DIMENSION IN THE NEXT COLUMN IS THE OUT TO OUT HORIZONTAL LEG OF A
"L" SHAPED BAR.

MARK	NUMBER RED 'D.	LENGTH	BENT	CUTTING DIAGRAM	LOCATION
B001	100	8-3	2-3	NO	CORNERS
B002	28	2-0	NO	NO	BOT. SLAB - CORNERS
B003	20	2-6	NO	NO	LONGIT.
B004	1	2-8	NO	NO	BOT. SLAB - LONGIT.
B005	28	8-8	NO	NO	" "
B006	28	5-3	NO	NO	WALLS - VERT.
B007	25	8-8	NO	NO	TOP SLAB
B008	8	2-8	NO	NO	" " - LONGIT.
B009	1	8-11	NO	NO	HEADERS
B010	18	2-0	YES	NO	"
B011	12	1-6	X	NO	WITH CONC. REBARRED ANCHORS
B012	8	6-8	NO	NO	TOP SLAB @ 3" INLET
B013	16	3-0	1-0	NO	" " " "
B014	16	4-8	NO	NO	TYP 3" INLET - WALLS
B015	8	3-3	NO	NO	" " " "
B016	8	7-8	YES	NO	" " " "
B017	8	2-8	NO	NO	" " " "
B018	16	3-0	NO	NO	@ 15" OPENING - SOUTH

* THREAD ONE END 3"

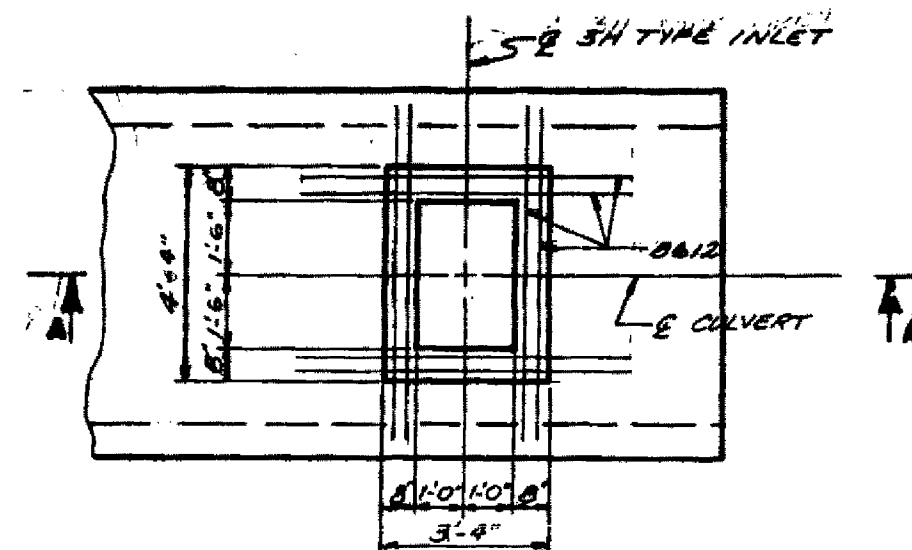


SECTION THREE
TOP MEMBER

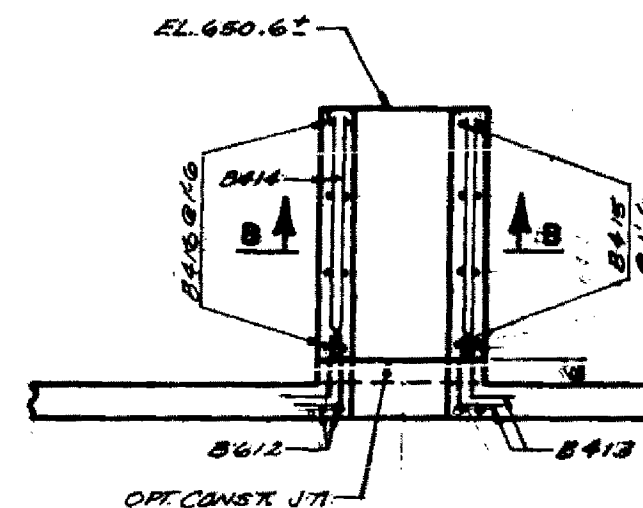


PLAN VIEW OF EXTERIOR PANEL

--- PROVIDE OPENING FOR 15" Ø R.C.P.S.S. CLASS III, IN SOUTH WALL OF BOX CULVERT FOR STORM SEWER CONNECTION CUT OR BEND BARS TO CLEAR OPENING BY 2" MIN.

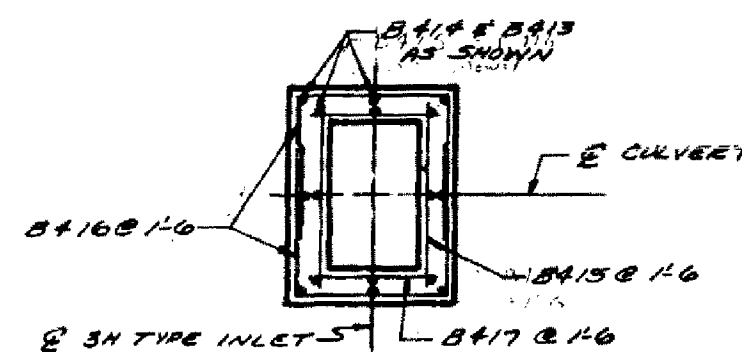


PLAN



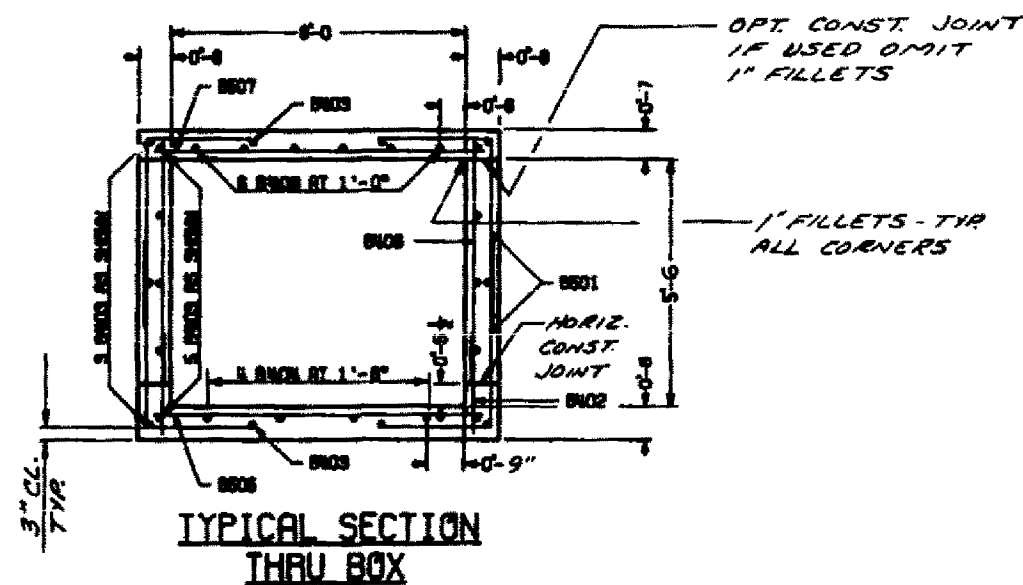
SECTION A

NOTE: CUT OR BEND BARS IN TOP
SLAB TO CLEAR OPENING BY 2" MIN.



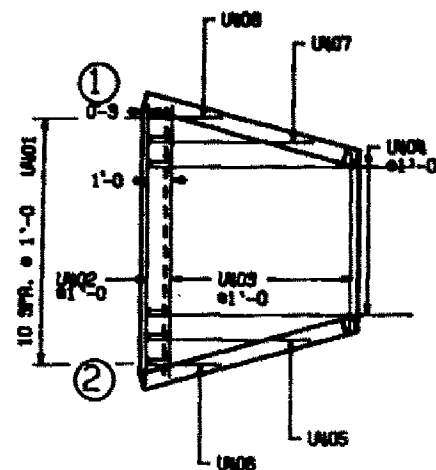
SECTION E

TYPE 3H INLET DETAILS

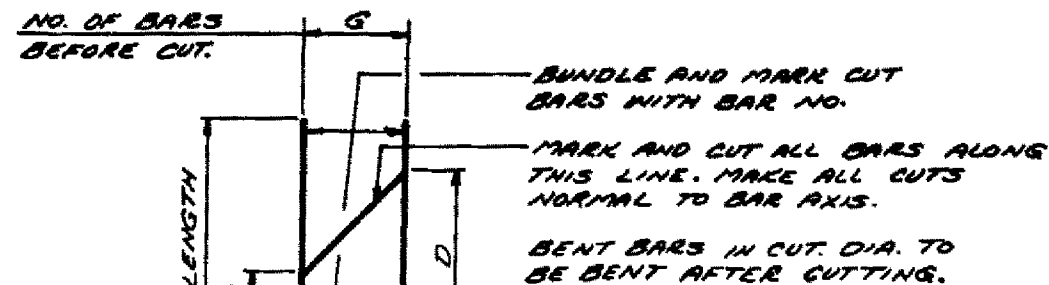


TYPICAL SECTION
THRU BOX

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-15-3277			
CONST SPEC 1981	DRAWN BY COMP/BS	PLAN CHK	H.E.A.
DETAILS		SHEET 2 OF 3	
		X 82022	



APRON DETAILS



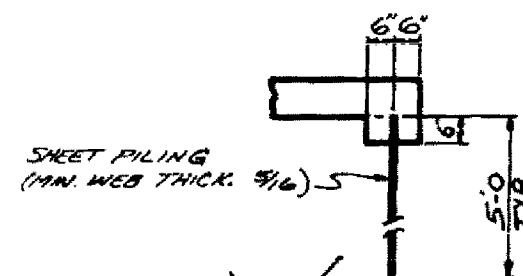
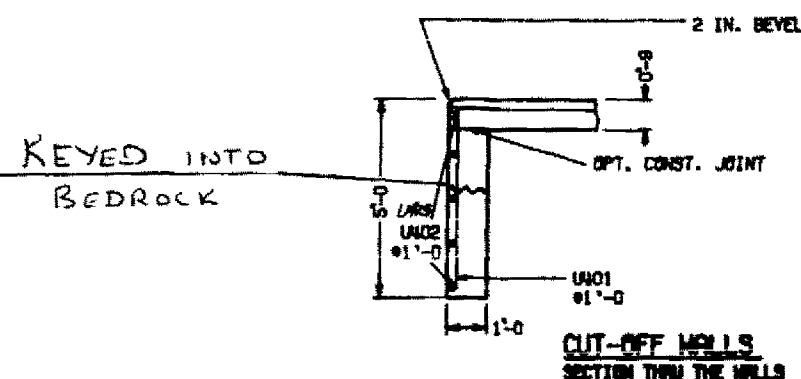
CUTTING DIAGRAM

MARK	D	F	G	SETS REQ'D.
U403	8-9	7-1	8	1
U404	8-10	4-9	10	1

BILL OF BARS 420 LBS.

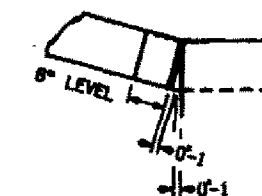
MARK	NO.	LENGTH	BENT	CUT	LOCATION
U401	19	5-8	1-0		OUTLET APRON AND CUTOFF WALL
U402	5	11-0			OUTLET APRON AND CUTOFF WALL
U403	8	18-1			" APRON
U404	7	10-11			" APRON
U405	1	8-10			" APRON
U406	1	3-1			" APRON
U407	1	8-10			" APRON
U408	1	3-1			" APRON
U409	4	8-4			HING 1/2 - HORIZONTAL
U410	4	8-4			HING " - HORIZONTAL-APRON
U411	2	8-8			HING " - HORIZONTAL
U412	2	7-4			HING " - HORIZONTAL
U413	2	3-7			HING " - HORIZONTAL
U414	10	13-7	2-6		HING " - VERTICAL
U415	5	6-8			CUTOFF WALL

THE FIRST DIGIT OF THE MARK SIGNIFIES THE BAR SIZE.
THE DIMENSION IF THE BENT COLUMN IS THE OUT TO OUT HORIZ. LEG OF A "L" SHAPED BAR.

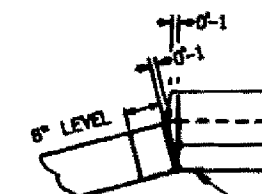


ALTERNATE CUTOFF WALL

THE ABOVE ALT. MAYBE USED IN LIEU OF THE CAST-IN-PLACE CONC. CUT-OFF WALLS. PAYMENT WILL BE BASED ON THE CONC. CUTOFF WALLS.



CORNER 1



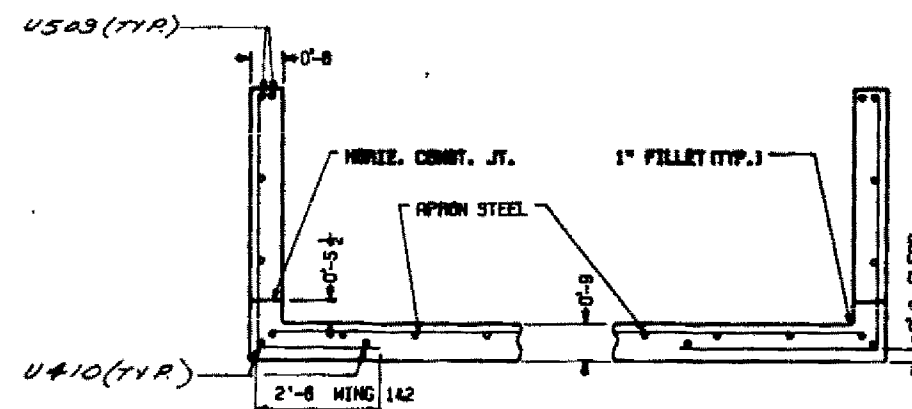
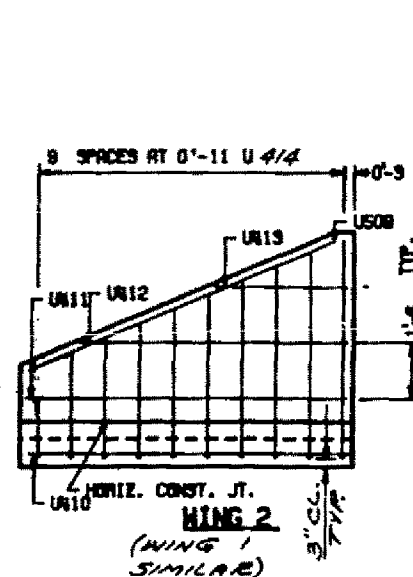
CORNER 2

EXTEND FILLER FROM HORIZ. CONST. JT. TO TOP OF WING. DO NOT RUN ANY STEEL THRU JOINT FILLER. FILLER SHALL CONFORM TO ARCHT. DESIGNATION MISS OR H219

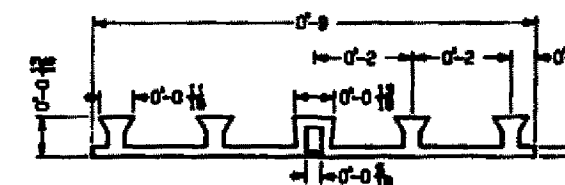
1" BEVEL TYPICAL
3/4" FILLER TYPICAL "

POLYVINYL CHLORIDE WATERSTOP - EXTEND FROM HORIZ. CONST. JOINT TO TOP OF WALL. FLUSH WITH FACE OF CONCRETE. SEE WATERSTOP DETAIL

CORNER DETAILS



SECTION THRU WINGS
AT RIGHT ANGLES TO HING WALLS



POLYVINYL CHLORIDE WATERSTOP

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION			
STRUCTURE C-15-3277			
CONST SPEC 1981 DRAWN BY COMP/BJ PLAN ON H.E.A.			
DETAILS			SHEET 3 OF 3
			X 82022