

**GENERAL NOTES:**  
 ALL STORM DRAINS 12" AND OVER TO BE TONGUE AND GROOVE REINFORCED CONCRETE PIPE ASTM SPEC C-76 CLASS III EXCEPT UNDER RAIL CROSSINGS USE CLASS V. ALL CONCRETE PIPE SHALL BE WALL 'B' THICKNESS WITH TYLX 'O' RING TYPE GASKETS.  
 ALL STORM DRAINS 12" OR UNDER TO BE HARD BURNED EXTRA STRENGTH VITRIFIED TILE ASTM SPEC C-211 INSTALLED WITH HOLES AT BOTTOM.  
 DRAINS ORIGINATING FROM BLDGS TO BE TRANSITE 150° CLASS PRESSURE PIPE WITH KING-TITE FITTINGS & COUPLINGS REFORCATED TILE TO BE ASTM SPEC C-211 INSTALLED WITH HOLES AT BOTTOM.  
 FOR BEDDING & BACKFILL NOTES SEE DWG. C-18542-C

SMITH MFG. CO. 6" FIG. 2250 CAULKED OUTLET (OR EQUAL)  
 3' x 5' CONC. SLAB 6" THICK REIN. 3/8" BARS @ 6" BOTTOM BOTH WAYS  
 SECTION 3-3 TYPICAL DETAIL PARKING LOT DRAIN  
 ELEV. 256.0'

TYPICAL DETAIL OF CONN'S TO STORM SEWER (OTHER THAN ROAD DRAINS) SOUTH OF BLDG  
 TYPICAL DETAIL OF CONN'S TO STORM SEWER (OTHER THAN ROAD DRAINS) NORTH & WEST OF BLDG UNLESS SHOWN OTHERWISE

TYPICAL DETAIL OF 4" DRAIN CONN'S AT HANDHOLES H-7 & H-12  
 4" x 18" LONG 1/2 BEND DOUBLE SPIGOT C.I. ELL.  
 HEADWALL STA. 1+95.2 NW INV. EL. 246.75  
 EL. 255.6' (H-7) INV. EL. 251.35' (H-12)  
 4" VITRIFIED TILE TO HERE  
 SEE GENERAL NOTES FOR MATERIAL

TYPICAL DETAIL OF ROAD DRAIN CONN'S TO STORM SEWER  
 6" PERFORATED PIPE EXTRA STRENGTH 12" x 12" EACH WAY (HOLES DOWN)  
 6" V-BRANCH PRESSED 45° ELL  
 FITCH  
 4" STORM SEWER  
 ELEV. 260.6'

CONC. PIPE QUANTITIES REQ'D.

NO. REQ'D.	SIZE	4 OF THESE LENGTHS TO BE CLASS UNDER RAIL	5 OF THESE LENGTHS TO BE CLASS V UNDER RAIL
25	48"	7.5'	
90	42"	7.5'	
1	42"	4'	
65	30"	7.5'	
1	30"	4'	
118	24"	7.5'	
12	24"	4'	
17	18"	7.5'	
5	12"	7.5'	

REFERENCE DWGS:  
 FOR W.P. CO-ORDINATES — C-18700-C, M27  
 RAILROAD SIDING & CULVERTS — C-15075-C, M27  
 PLOT PLAN — C-18700-C, M27  
 YARD DRAINAGE, PROFILES — C-18543-C, M27  
 YARD DRAINAGE, MANHOLE DETAILS — C-18544-C, M27  
 PROFILES, ROADS, ETC. — C-18701-C, M27  
 YARD PIPING, FIRE PROTECTION — C-18539-C, M27  
 & CITY WATER — C-18540-C, M27  
 FIRE PROTECTION POND — C-18541-C, M27  
 STONE DIKE — C-15044-C, M5  
 SEWAGE TREATMENT SYSTEM — C-18545-C, M27  
 GROUNDING SYSTEM — C-15111-C, E-34  
 UNDERGROUND CABLE DUCT — C-19341-C, E41  
 YARD DRAINAGE FOR TRANS — C-18545-C, M27  
 RSSB STORMDRAIN PLAN — C-32117-C, M27

QUANTITIES AT RIGHT DO NOT INCLUDE ANY SPARE PIPE FOR CONTINGENCIES.

LOCATION OF ROAD DRAINS TO BE APPROX. LOCATED AS SHOWN ON DRAWING.

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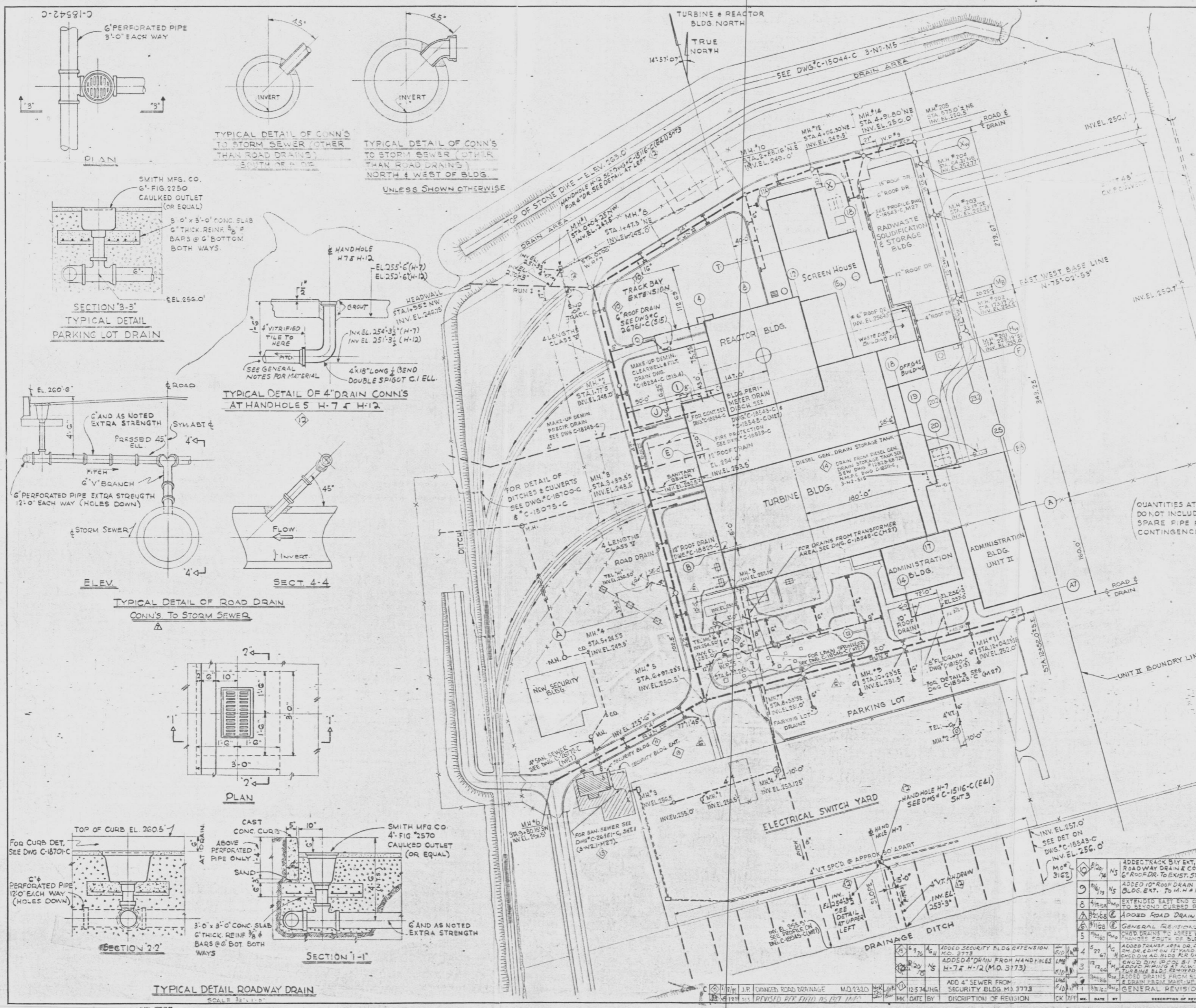
8309090353  
 ALL WORK & MATERIAL EXCEPT ROADWAY, PARKING LOT CATCH BASINS & LATERALS BY S&W CO.

ALL ELEVATIONS GIVEN ARE REFERRED TO U.S.L.S. DATUM 1935

SYSTEM #115

1	ADDED TRACK BAY EXT. REMOVED ROADWAY DRAIN & CONNECTED 6" ROOF DR. TO EXIST. STORM SEWER	1/16
2	ADDED 10" ROOF DRAIN FROM WHITE BLDG. EXT. TO M.H. #14 (M.O. 1070)	5/1
3	EXTENDED EAST END OF DRAINS TO BEYOND CURBED ROADS	5/1
4	ADDED ROAD DRAIN DETAIL	5/1
5	GENERAL REVISIONS	5/1
6	CHANGED DRAINS TO LINES WITH ROADWAY CHANGES SOUTH OF 300'S.	5/1
7	ADDED TRANSFER AREA DR. DISCHARGE TO DR. DIMENSION 12" YARD DR. DIMENSION 12" YARD DR. DIMENSION 12" YARD DR. DIMENSION 12"	5/1
8	CHANGED DIM. FROM 8" TO 6" CHANGED DIM. FROM 8" TO 6"	5/1
9	ADDED DRAIN FROM HANDHOLES H-7 & H-12 (M.O. 3173)	5/1
10	ADDED 4" SEWER FROM SECURITY BLDG. M.O. 3173	5/1
11	GENERAL REVISIONS	5/1

G.M.P. TR. J.P. L.L. DATE 5/26/65 SCALE 1" = 60'  
 INDEX 3-N2-M27  
 NO. C-18542-C



PRO APERTURE CARD

TYPICAL DETAIL ROADWAY DRAIN  
 SCALE 3/8" = 1'-0"