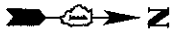


STORM STRUCTURES

- [3] STA. 112+91.59, 36.6' LT
MAN ADJUST
EX RIM = 618.15
PR RIM = 618.15
INV = UNKNOWN (W,S,N)
INV = 609.70 (E)
- [8] STA. 111+19.90, 25.4' LT
CB ADJUST
EX RIM = 617.18
PR RIM = 617.50
- [9] STA. 112+91.59, 36.6' LT
CB ADJ NEW T8G
EX RIM = 618.94
PR RIM = 618.94
- [N1] STA. 112+77.31, 58.8' LT
CB TC T12F&G
RIM = 618.85
INV = 613.80 (N)
- [N2] STA. 112+91.80, 57.5' LT
CB TA 4 DIA T12 F&G
RIM = 618.95
INV = 610.00 EX (E)
INV = 610.00 EX (W)
INV = 613.56 (S)
- [N3] STA. 112+68.91, 26.3' LT
CB TC T8G
RIM = 618.00
INV = 614.92 (SE)
- [N5] STA. 112+68.91, 26.3' LT
CB TA 4 DIA T1F OL
RIM = 620.05
INV = 612.62 (N)
INV = 612.62 (S)
- [N11] STA. 110+57.72, 78.2' LT
CB TC T12F&G
RIM = 618.44
INV = 610.15 (E)
- [N12] STA. 110+56.80, 57.3' LT
MAN TA 4 DIA T1F CL
RIM = 618.44
INV = 609.70 EX (S)
INV = 609.70 EX (N)
INV = 609.70 (E)
INV = 609.70 (W)
- [N13] STA. 111+75.80, 44.3' RT
MAN TA 4 DIA T1F CL
RIM = 621.62
INV = 612.66 (W)
INV = 612.66 (S)
- [N14] STA. 112+24.01, 44.3' RT
MAN TA 6D T1F CL R-P
RIM = 621.98
INV = 612.45 (NW)
INV = 612.45 (S)
- [N19] STA. 112+90.73, 26.6' LT
MAN TA 4 DIA T1F CL
RIM = 619.50
INV = 610.55 (SE)
INV = 610.55 (W)
- [R1] STA. 110+72.35, 44.3' RT
FRAMES AND LIDS, SPECIAL
RIM = 619.96
- [R2] STA. 110+72.35, 55.8' RT
FRAMES AND LIDS, SPECIAL
RIM = 619.98
- [R3] STA. 111+71.43, 44.3' RT
FRAMES AND LIDS, SPECIAL
RIM = 621.52
- [R4] STA. 112+09.34, 55.8' RT
FRAMES AND LIDS, SPECIAL
RIM = 622.34



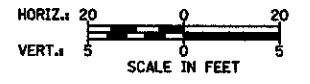
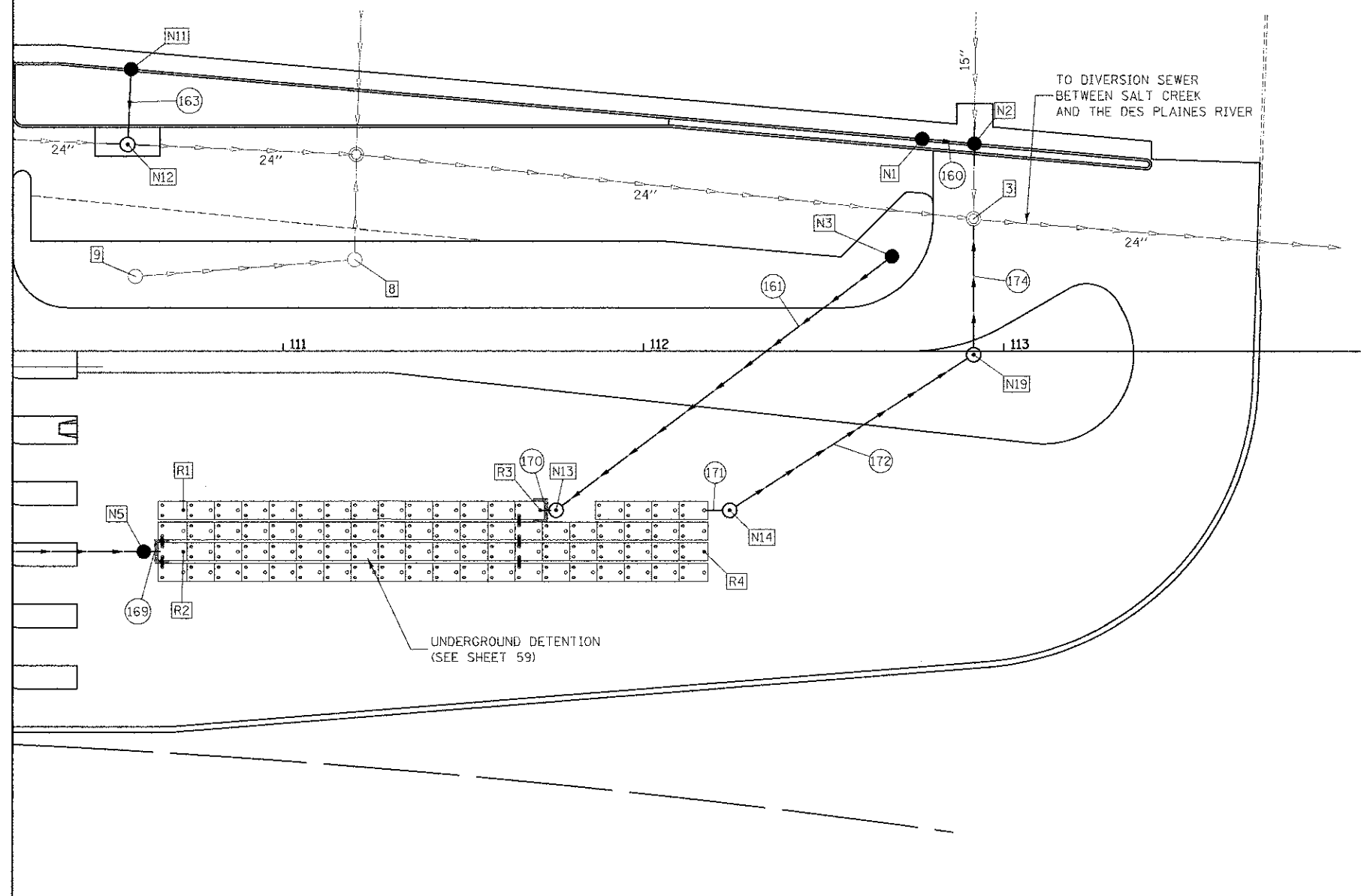
STORM SEWER PIPES

- (160) 12" - STORM SEWERS, CL A, TYPE 2 12" @ 2.00%
TBF = 8.9 CU YD
- (161) 113' - STORM SEWERS, CL A, TYPE 2 12" @ 2.00%
TBF = 62.8 CU YD
- (163) 18' - STORM SEWERS, CL A, TYPE 2 12" @ 2.50%
TBF = 22.9 CU YD
- (169) 3' - STORM SEWERS, CL A, TYPE 2 24" @ 0.67%
TBF = 1.4 CU YD
- (170) 3' - STORM SEWERS, CL A, TYPE 2 15" @ 2.00%
TBF = 0.0 CU YD
- (171) 6' - STORM SEWERS, CL A, TYPE 2 12" @ 2.50%
TBF = 6.0 CU YD
- (172) 76' - STORM SEWERS, CL A, TYPE 2 12" @ 2.50%
TBF = 57.5 CU YD
- (174) 34' - STORM SEWERS, CL A, TYPE 2 12" @ 2.50%
TBF = 44.4 CU YD

NOTES:

1. STATIONS AND OFFSETS ARE TO THE CENTER OF THE STRUCTURE.
2. RIM ELEVATIONS FOR CURB INLETS ARE AT THE FLOW LINE.
3. NEW STORM STRUCTURES TO BE CUT INTO AN EXISTING STORM SEWER LINE SHALL REQUIRE 4 FEET OF NEW STORM SEWER IN EACH APPLICABLE DIRECTION. THIS WORK SHALL BE PAID FOR AS THE SAME TYPE AND SIZE OF THE EXISTING SEWER BEING TIED IN TO.
4. SEE SHEET 59 FOR PLACEMENT OF LIDS/FRAMES FOR R3-R8.
5. PIPES CONNECTING TO THE DETENTION CHAMBERS SHALL EXTEND 1/2 A FOOT INTO THE CHAMBERS AND 1/2 A FOOT INTO THE ADJACENT STRUCTURE.

MATCH LINE STA. 110+25
SEE SHEET NO. 34



BROOKFIELD ZOO NORTH PARKING LOT

FILE NAME = ... \2563.L0T_05_REV.dgn	USER NAME = dse	DESIGNED - JES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BROOKFIELD ZOO NORTH PARKING LOT PLAN	F.A.U. RTE. 3784	SECTION 12-F3000-23-PK	COUNTY COOK	TOTAL SHEETS 133	SHEET NO. 58	
PLOT SCALE = 20.0000' / 1" IN.						SCALE: 1" = 20' SHEET NO. 5 OF 6 SHEETS STA. 110+50 TO STA. 113+71					
PLOT DATE = 11/29/2012						CONTRACT NO. 63764					