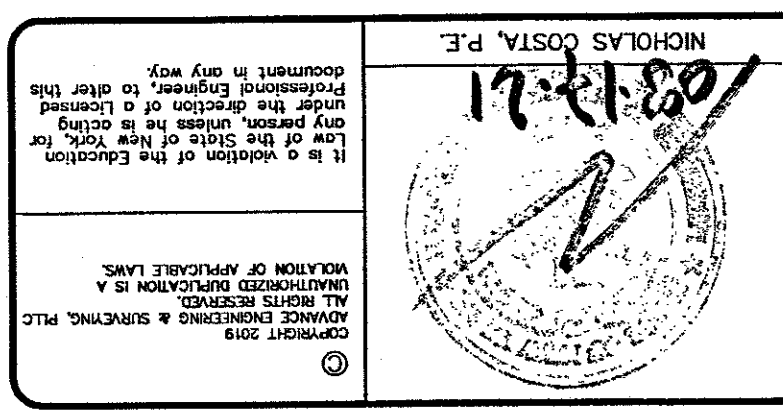


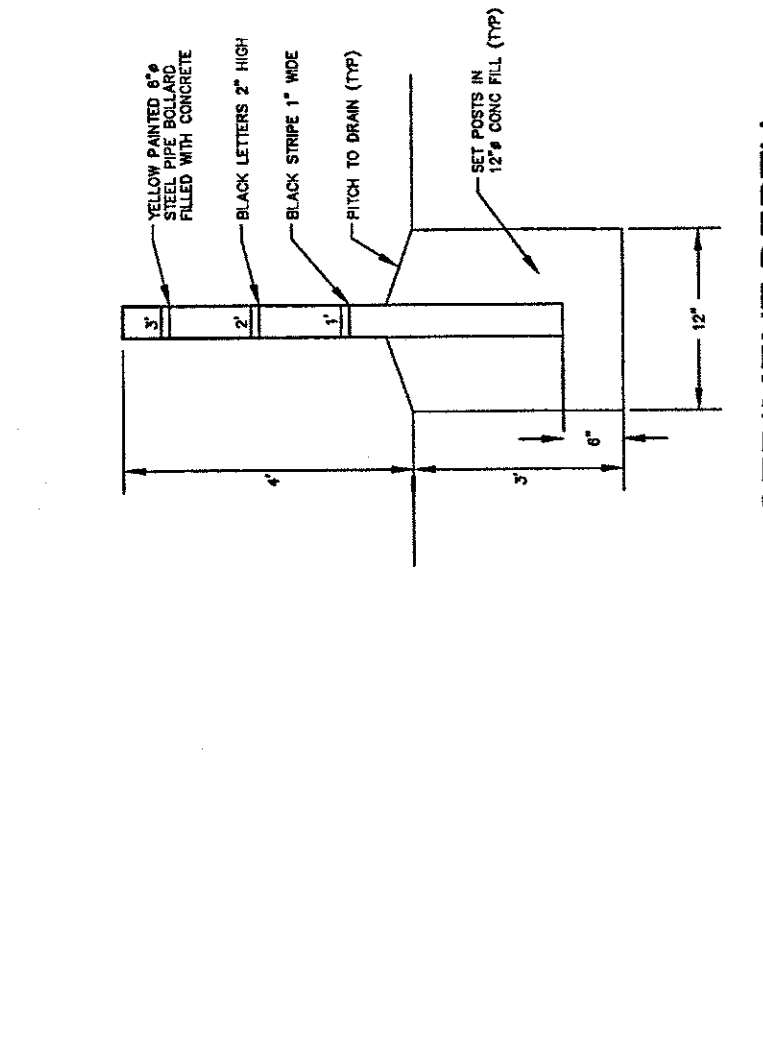
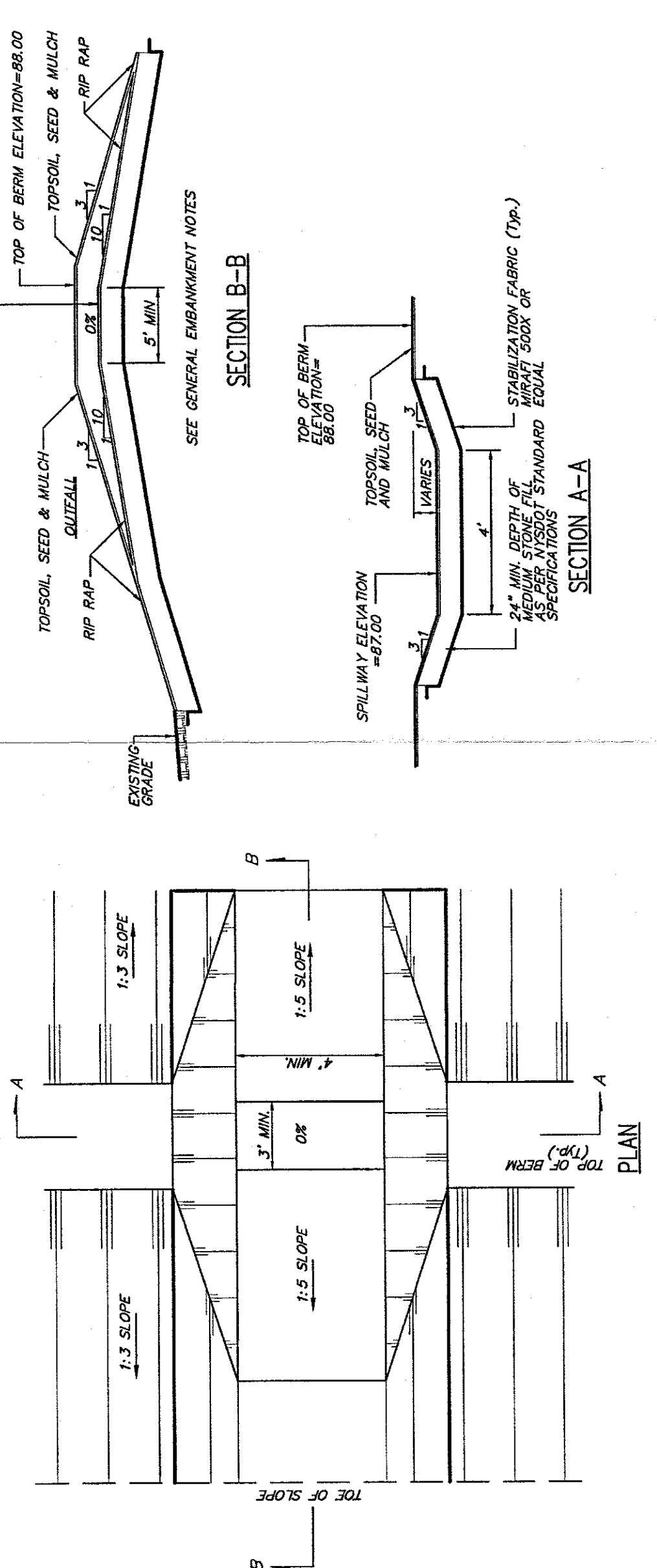
NO.	REVISION	BY	DATE
1	ISSUED FOR REVIEW	F.S.C. N.C.	11/20/19
2	REVISED PER THE COMMENTS	F.S.C. N.C.	10/19/20
3	REVISED PER THE COMMENTS DATED 11/05/20	F.S.C. N.C.	04/30/21
4	REVISED PER THE COMMENTS DATED 05/17/21	F.S.C. N.C.	07/08/21
5	REVISED PER THE COMMENTS DATED 08/17/21	F.S.C. N.C.	08/17/21



Design of:
ADVANCE ENGINEERING & SURVEYING, PLLC
 CONSULTING IN -
 CIVIL & ENVIRONMENTAL ENGINEERING
 LAND SURVEYING & DEVELOPMENT
 COMMERCIAL AND RESIDENTIAL
 11 HERBERT DRIVE, LATHAM, N.Y. 12110
 E-MAIL: ncosta@advanceeng.com
 PHONE: (518) 699-3772

CONSTRUCTION DETAILS - 3
 PROPOSED SUBDIVISION
 STREET NO. 29 VLY ROAD
 VILLAGE OF COLONIE
 COUNTY OF ALBANY
 NEW YORK
 SCALE: AS SHOWN
 DATE: NOVEMBER 20, 2019

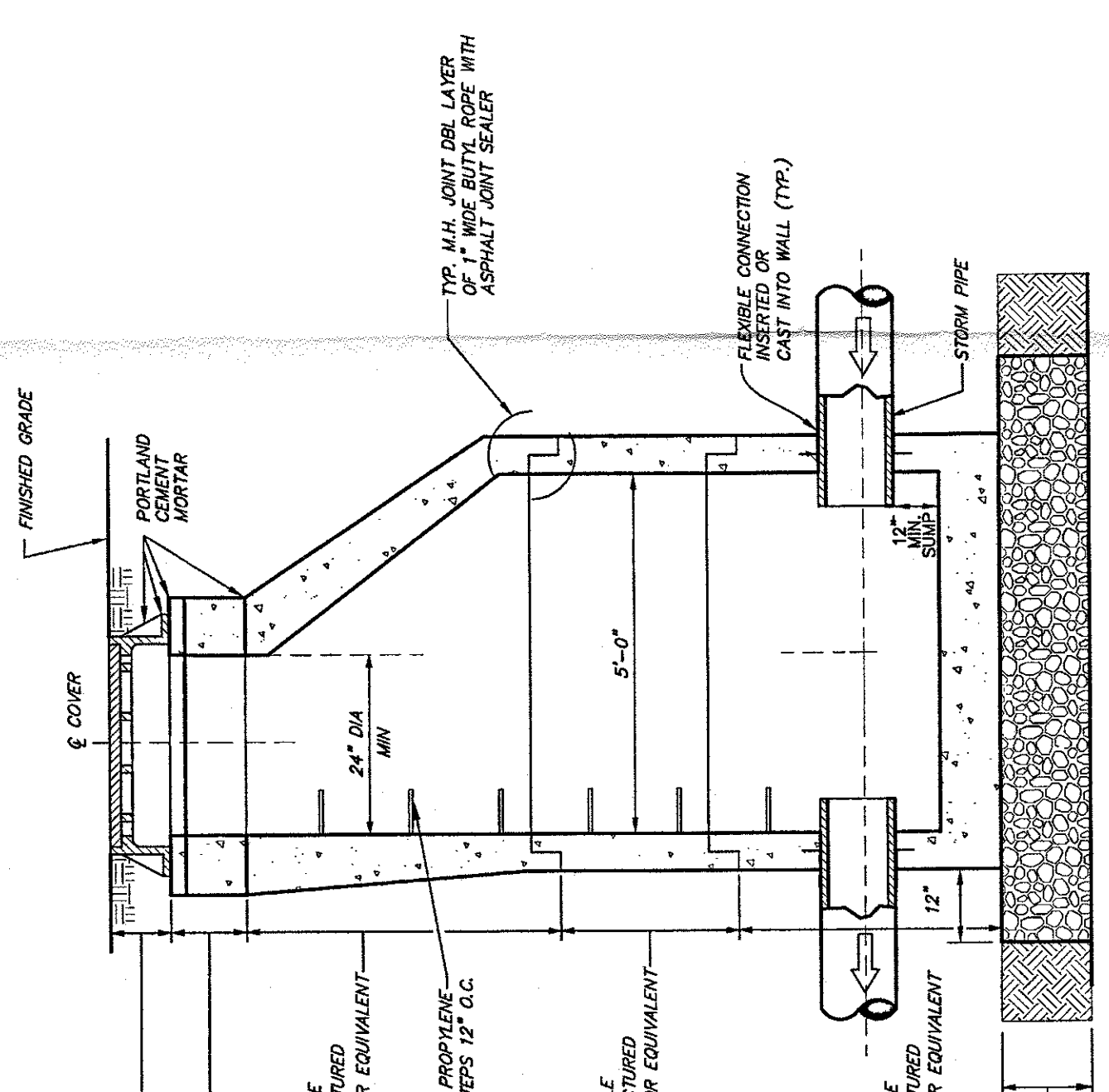
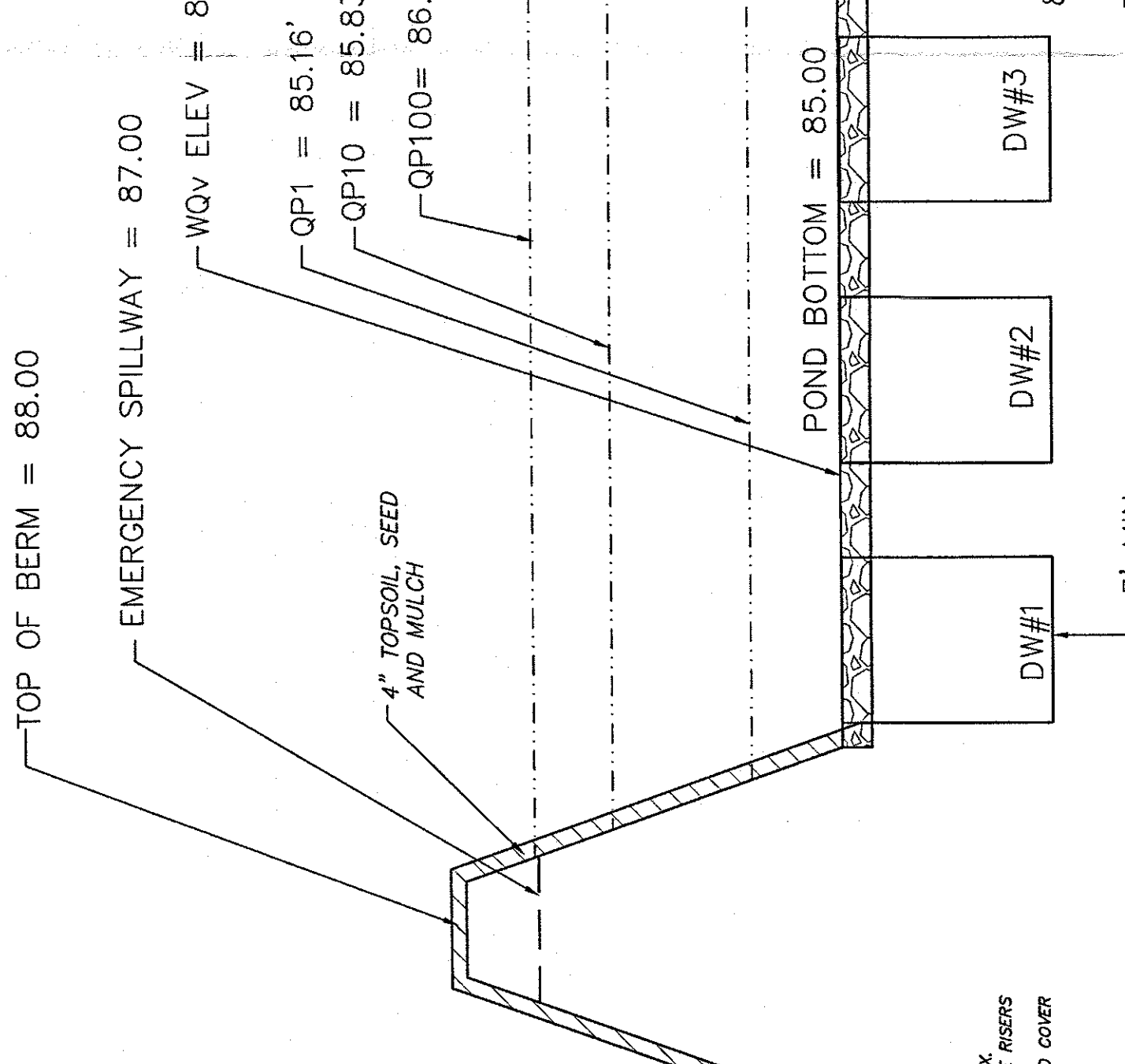
SHEET NO.
DET-3
 18 OF 18 1807-S1E7



GENERAL EMBANKMENT NOTES:

- EMBANKMENT MATERIAL SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT.
- COMPACTION SHALL BE 90% OF MAXIMUM DENSITY.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR REVIEW THE METHOD OF COMPACTION AND EQUIPMENT TO BE USED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROPERLY PLACE AND COMPACT ALL MATERIALS IN THE STORMWATER POND EMBANKMENTS, BERMS, BOTH INTERIOR AND EXTERIOR. ALL EMBANKMENTS SHALL BE TO THE ELEVATIONS, DIMENSIONS AND GRADES AS INDICATED ON THE CONTRACT DRAWINGS. ALL PLACED MATERIALS SHALL BE COMPACTED TO 90% STANDARD PROCTOR MAXIMUM DENSITY. THE CONTRACTOR SHALL EMPLOY AN INDEPENDENT SOIL TESTING FIRM TO PERFORM IN-PLACE SOIL DENSITY TESTS AND FURNISH WRITTEN TEST RESULTS TO THE ENGINEER.

STORMWATER INFILTRATION BASIN
EMERGENCY SPILLWAY
 N.T.S.

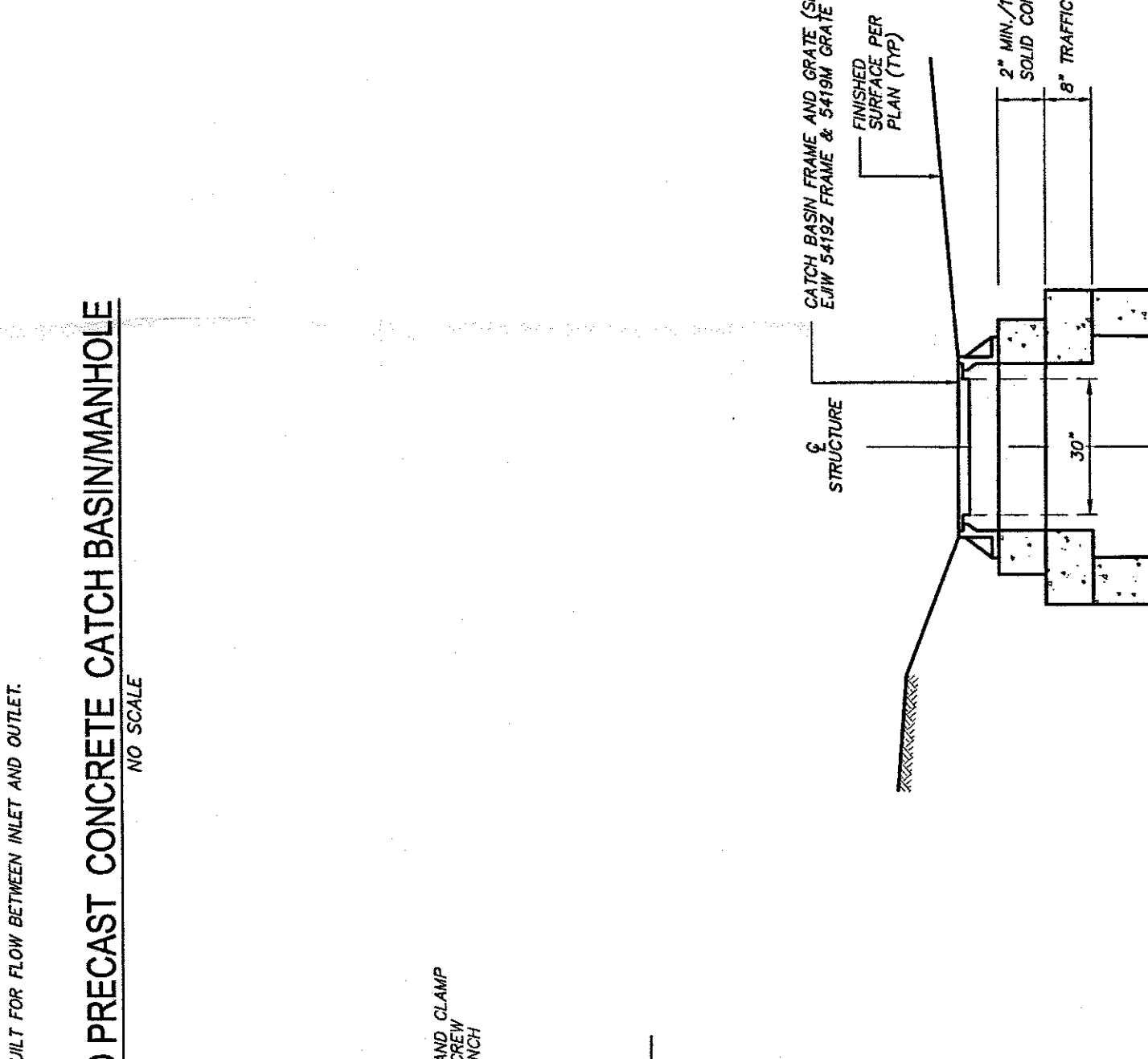


5' ID PRECAST CONCRETE CATCH BASIN/MANHOLE
 NO SCALE

UNDISTURBED EARTH OR COMPACTED STRUCTURAL FILL
 USE ONLY MET-CAST UNITS, DRY-CAST NOT ACCEPTABLE

NOTES:

- MANHOLE SHALL BE DESIGNED BY A LICENSED NEW YORK STATE ENGINEER. THE MANHOLE SHALL BE SUBMITTED FOR REVIEW. STRUCTURE SHALL BE DESIGNED FOR HS20-44 VERTICAL LOADING PLUS 25% IMPACT.
- CONCRETE TO BE 4000 P.S.I. AT 28 DAYS IN CONFORMANCE WITH A.S.T.M. C-478.
- BERM SHALL BE BUILT FOR FLOW BETWEEN INLET AND OUTLET.



PRECAST 48" x 48" CONCRETE SQUARE CATCH BASIN
 N.T.S.

NOTES:

- CATCH BASIN SHALL BE PRECAST CONCRETE CONSTRUCTED IN ACCORDANCE WITH ASTM C939 AND SHALL BE MANUFACTURED BY FORT MILLER CO. INC. OR EQUIVALENT.
- FRAME AND COVER SHALL BE DESIGNED FOR HS20-44 VERTICAL LOADING PLUS 25% IMPACT.
- FINISHED SURFACE TO THE FLOOR OF THE CONCRETE BASE SHALL BE FINISHED TO THE FLOOR OF THE CONCRETE BASE.
- ALL JOINTS SHALL BE FINISHED TO MATCH THE FINISH OF THE CONCRETE.
- SMOOTH SURFACES SHALL BE FINISHED TO MATCH THE FINISH OF THE CONCRETE.
- SMOOTH SURFACES SHALL BE FINISHED TO MATCH THE FINISH OF THE CONCRETE.

