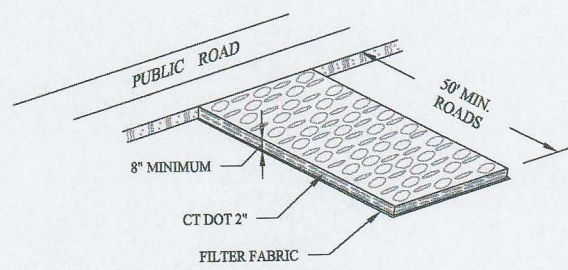


2.32



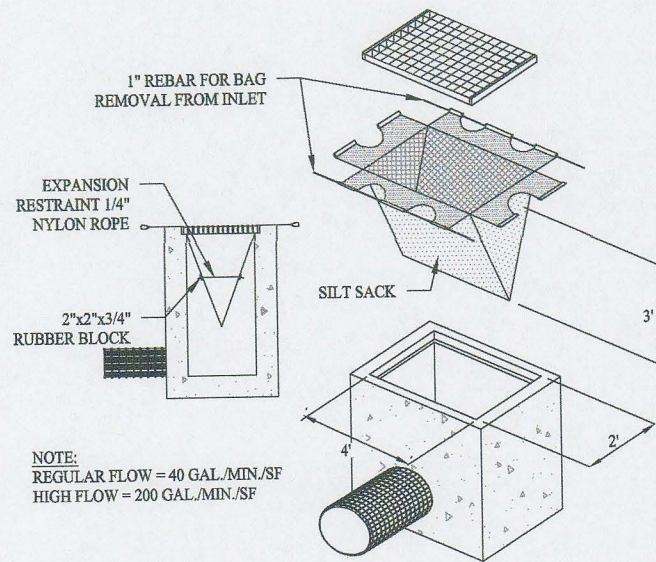
GRADATION TABLE

SQUARE MESH SIEVES	CONN. DOT 2" CRUSHED GRAVEL	ASTM C-33 NO. 2	ASTM C-33 NO. 3
2 1/2 INCHES	100	90-100	100
2 INCHES	95-100	35-70	90-100
1 1/2 INCHES	35-70	0-15	35-70
1 1/4 INCHES	0-25	—	—
1 INCHES	0-10	0-5	0-15
3/4 INCHES	—	—	0-5
1/2 INCHES	—	—	—
3/8 INCHES	—	—	—

SOURCE:
U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE,
STORMS, CONNECTICUT

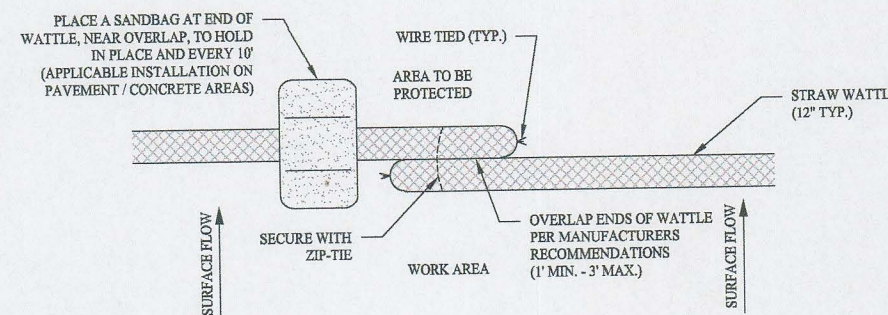
CONSTRUCTION ENTRANCE

SCALE: NTS



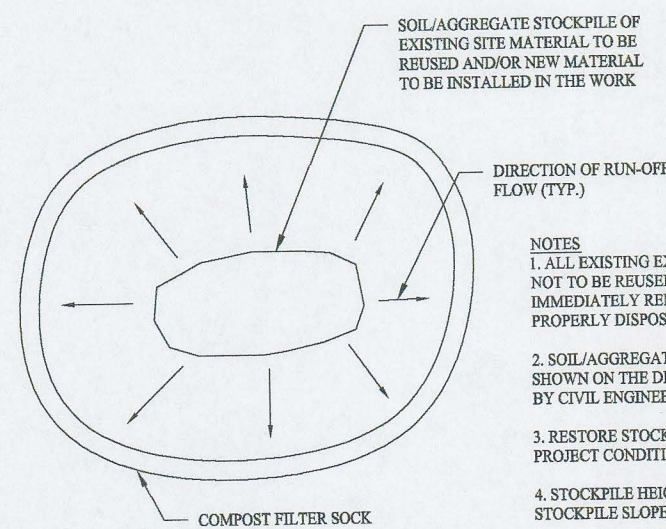
SILT SACK DETAIL

SCALE: NTS



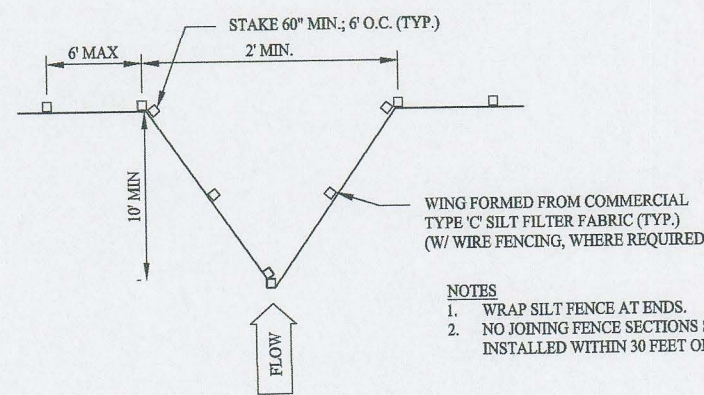
COMPOST FILTER SOCK

SCALE: NTS



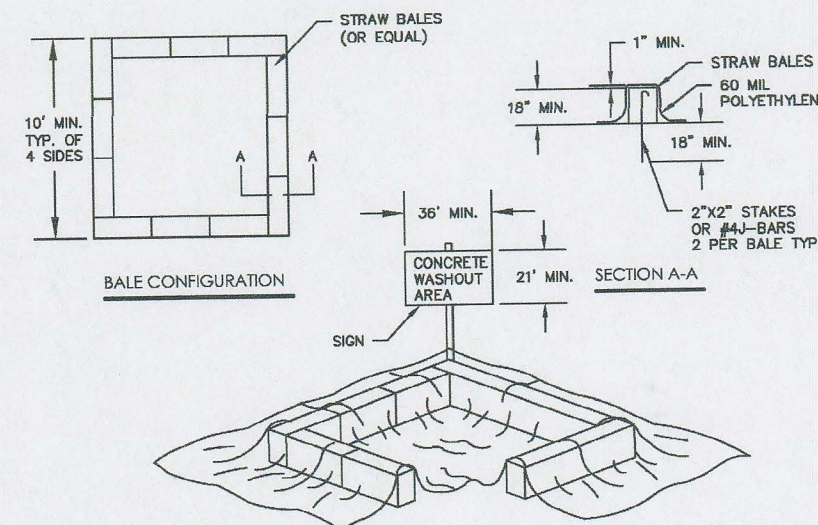
MATERIALS STOCKPILE DETAIL

SCALE: NTS



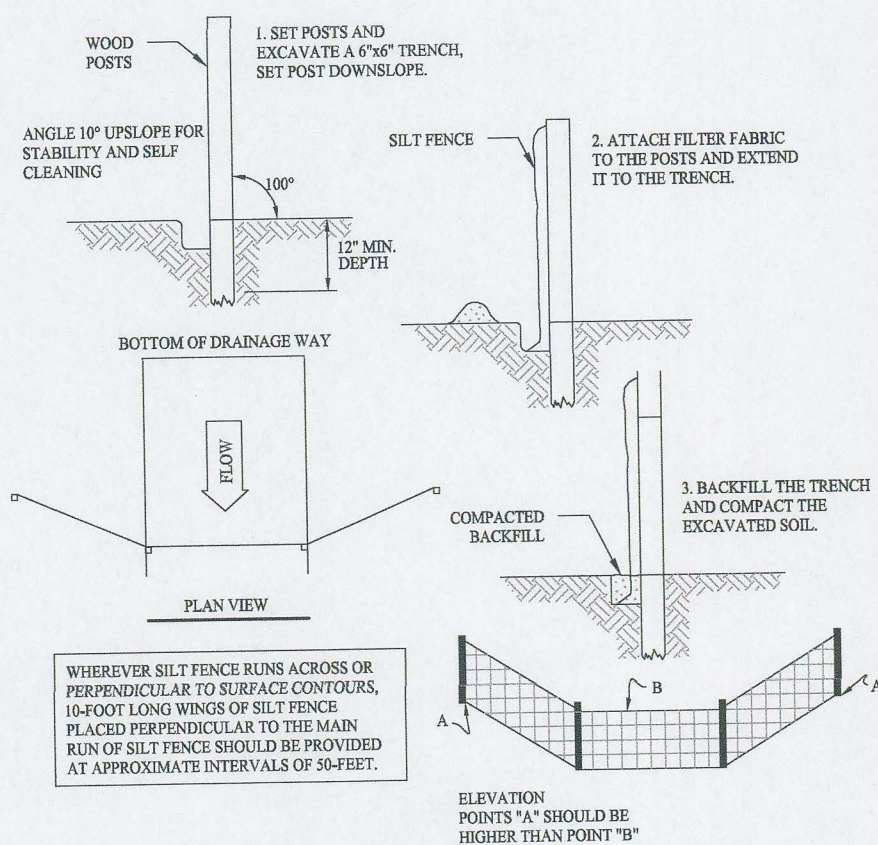
SILT FENCE WING DETAIL

SCALE: NTS



CONCRETE WASH PIT DETAIL

SCALE: NTS



SILT FENCE PROTECTION DETAIL

SCALE: NTS

Rev. #: Date Description

SOLLI ENGINEERING
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11 Vandalia Ave, Norwood, MA 02062 T: (781) 332-8491 F: (203) 880-9695

Drawn By: CMH

Checked By: CIB

Approved By: KMS

Project #: 22109401

Plan Date: 09/30/23

Scale: NTS



Project:

PROPOSED SOLAR PHOTOVOLTAIC ARRAY
958 CT ROUTE 163
MONTVILLE, CONNECTICUT

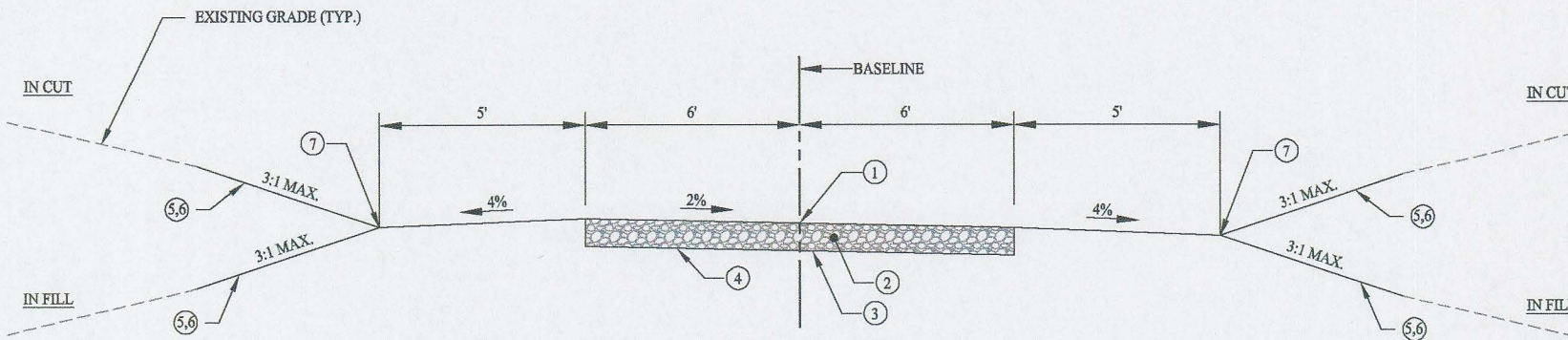
Sheet Title:
SOIL EROSION & SEDIMENT CONTROL DETAILS

Sheet #:

2.41

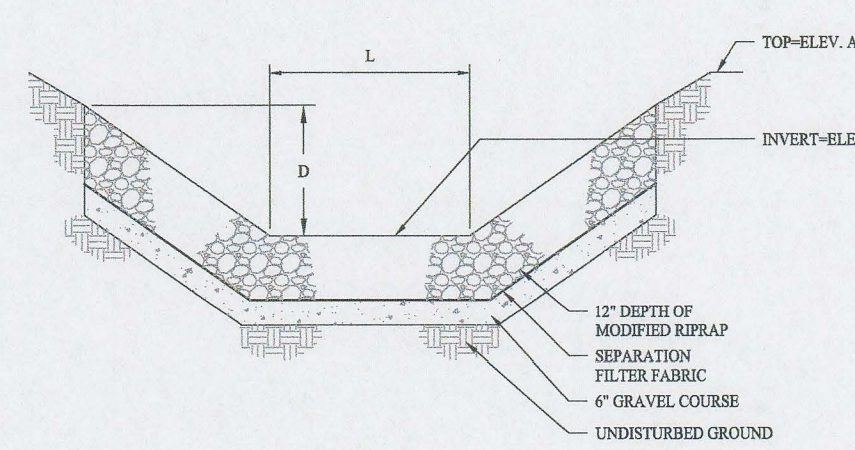
- ① POINT OF APPLICATION OF GRADE OR MATCH EXISTING GROUND
② 8" LAYER CRUSHER RUN GRAVEL
③ NONWOVEN GEOTEXTILE (MIRAFI 140N OR EQUAL)
④ LIMIT OF EXCAVATION OR LIMIT OF COMPACTION
⑤ EROSION CONTROL BLANKET ON SLOPES 3:1 OR GREATER
⑥ 6" TOPSOIL AND SEED
⑦ VEGETATED CHANNEL

NOTES:
1. THE CONTRACTOR SHALL CONTACT CT CALL BEFORE YOU DIG (CBYD) A MINIMUM OF 72 HOURS PRIOR TO BEGINNING CONSTRUCTION.
2. TRANSITIONS BETWEEN TYPICAL ACCESS ROAD SECTIONS SHALL OCCUR OVER 50 FEET, (TYPICAL).



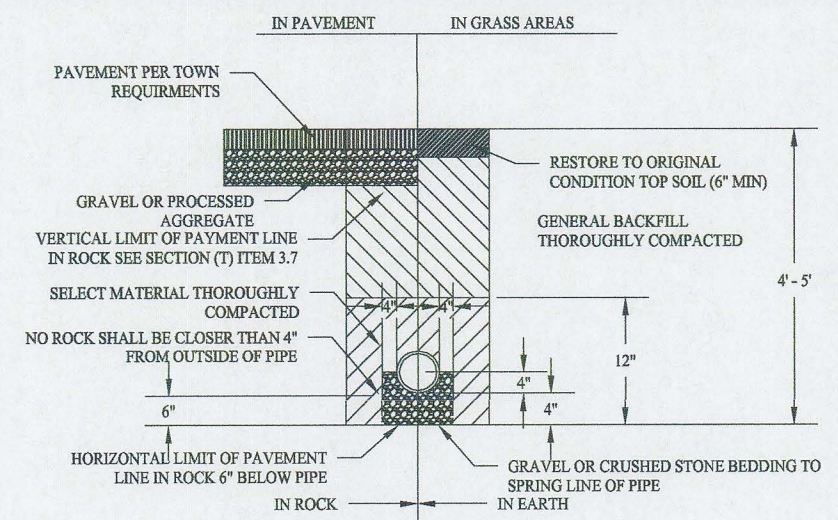
TYPICAL GRAVEL ROADWAY SECTION

SCALE: NTS



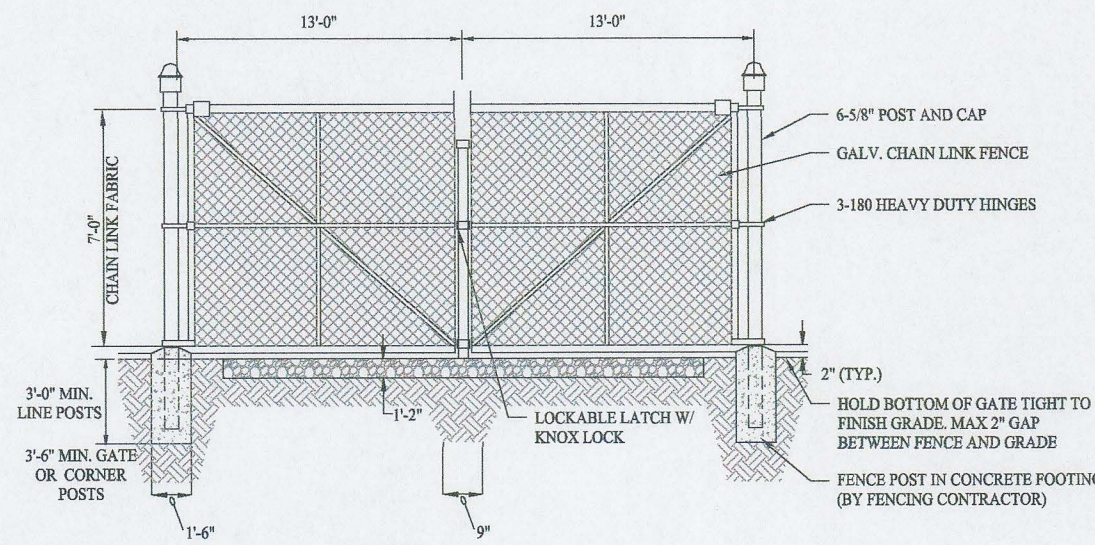
WEIR OUTLET

SCALE: NTS



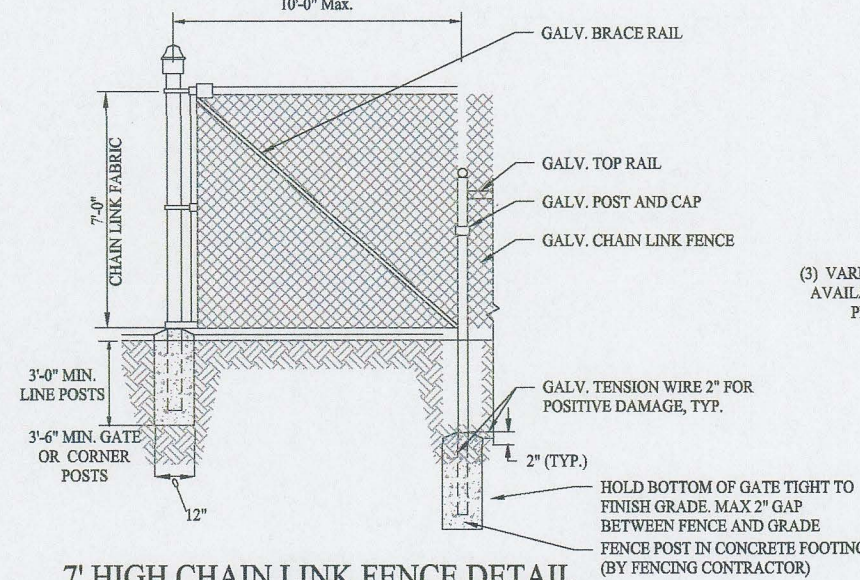
STORM TRENCH DETAIL

SCALE: NTS



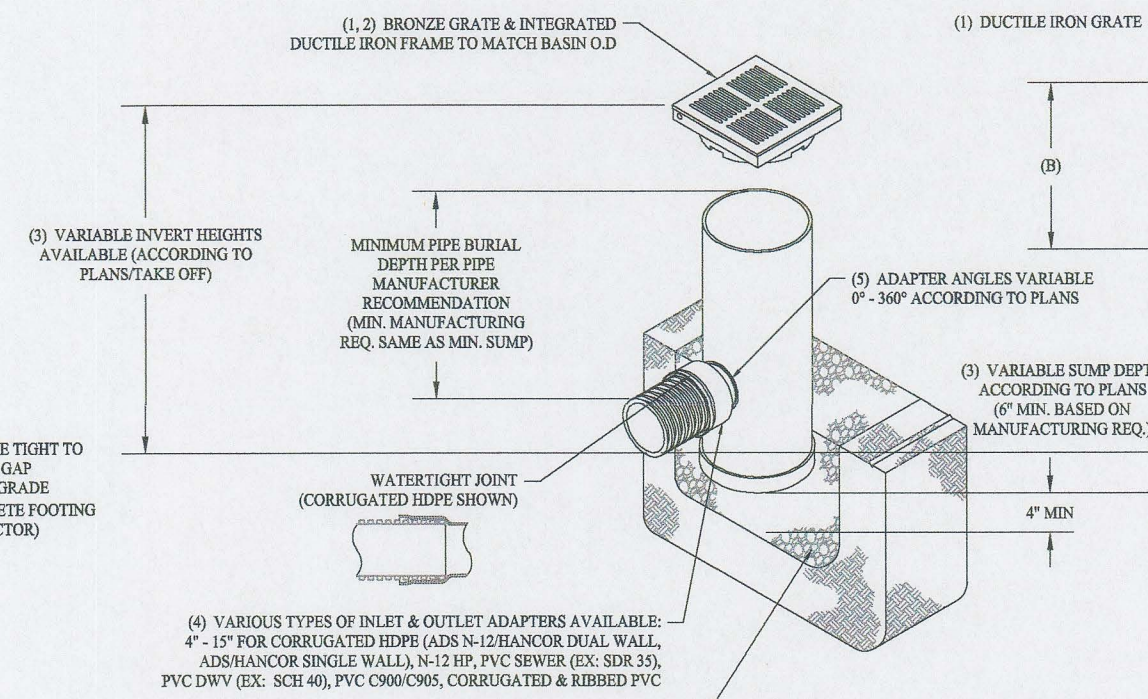
DOUBLE SWING GATE DETAIL

SCALE: NTS



7' HIGH CHAIN LINK FENCE DETAIL

SCALE: NTS



10" STANDARD DRAIN BASIN

SCALE: NTS

NOTES:

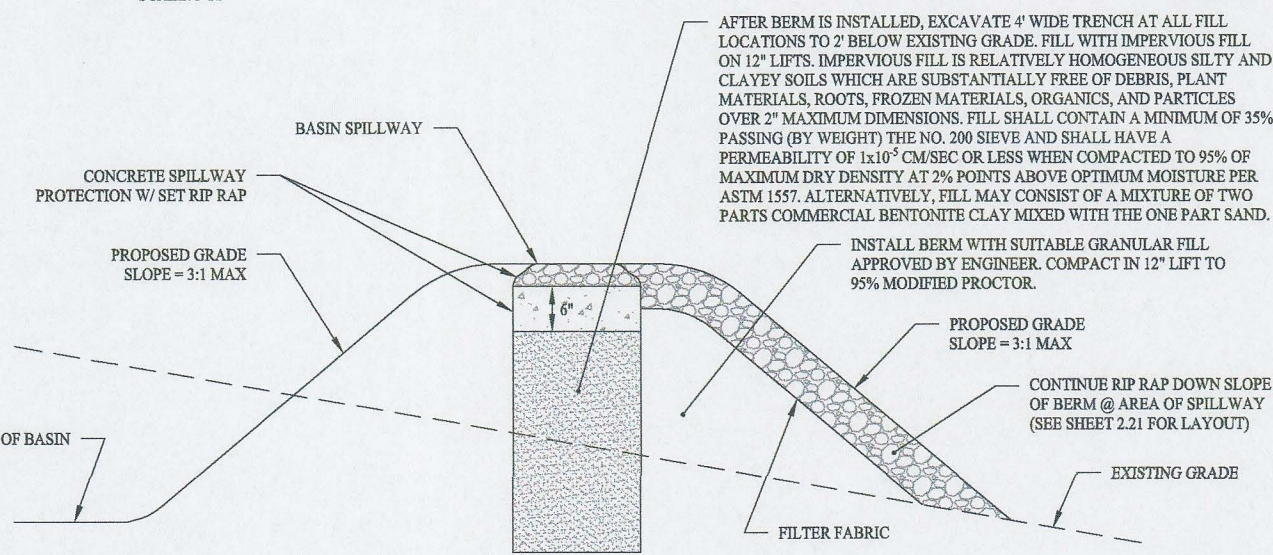
- 8" - 15" GRATES SHALL BE SOLID BRONZE.
- 12" & 15" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-30-05. 8" & 10" BRONZE GRATES FIT DIRECTLY ONTO DRAIN BASINS WITH THE USE OF A PVC BODY TOP. SEE DRAWING NO. 7001-110-045.
- DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 001-110-065.
- DRAINAGE CONNECTION SUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER.
- ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
- 8" - 15" BRONZE GRATES HAVE NO LOAD RATING.

NOTES:

- GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-30-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
- CUSTOM DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS. SEE DRAWING NO. 7001-110-065.
- DRAINAGE CONNECTION SUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS & HANCOR DUAL WALL) & SDR 35 PVC.
- STANDARD DRAIN BASIN HAS FIXED ADAPTER LOCATIONS OF 0° & 180°. CUSTOM DRAIN BASIN ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°. TO DETERMINE MINIMUM ANGLE BETWEEN ADAPTERS SEE DRAWING NO. 7001-110-012.
- DIMENSIONS ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS MAY VARY.

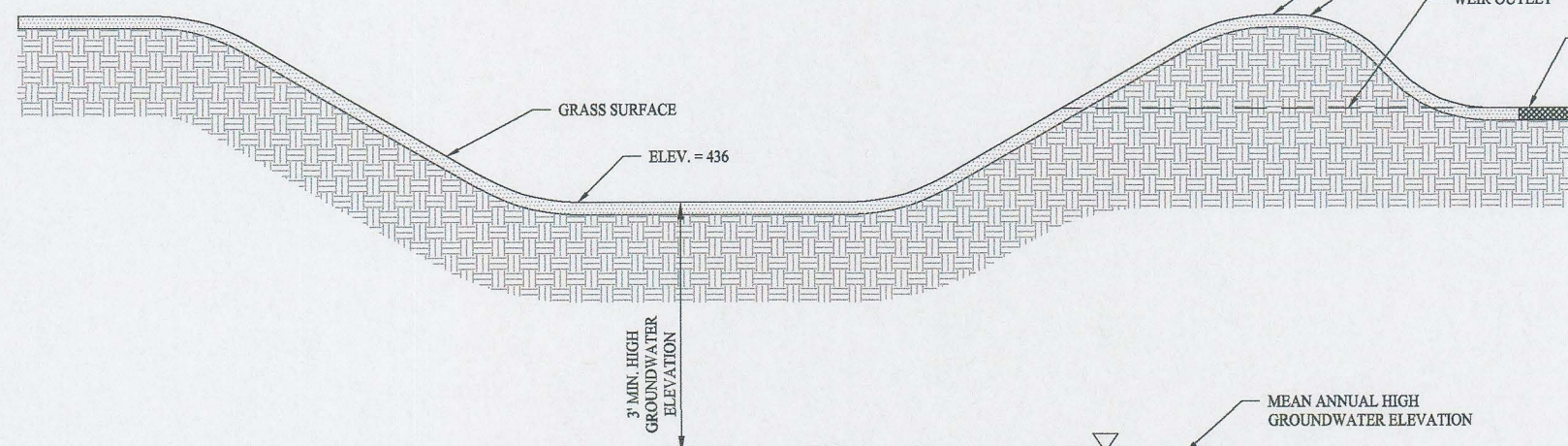
10" CUSTOM DRAIN BASIN

SCALE: NTS



TYPICAL SPILLWAY IN FILL SECTION DETAIL

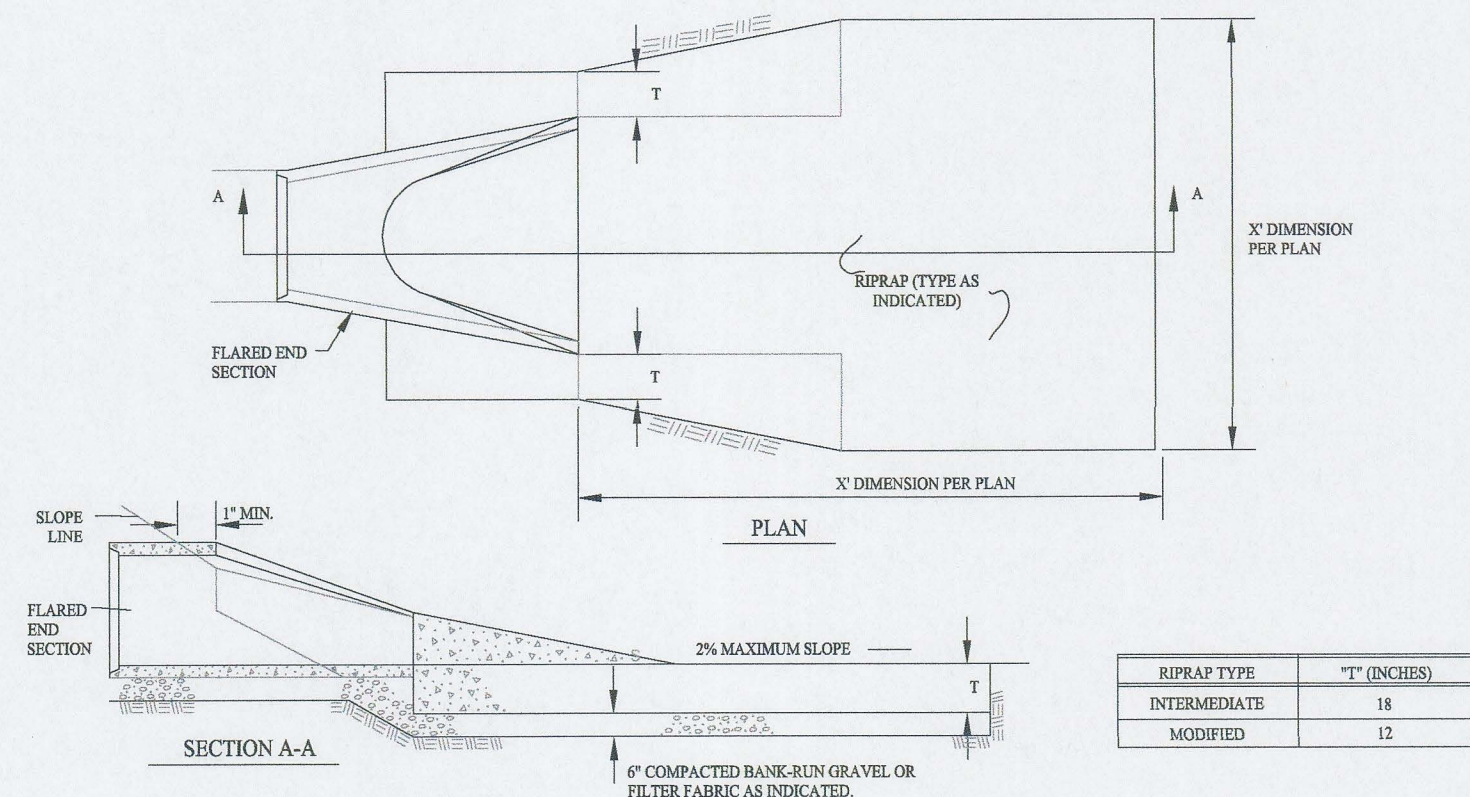
SCALE: NTS



NYLOPLAST DRAIN BASIN (YARD DRAIN) DETAIL

SCALE: NTS

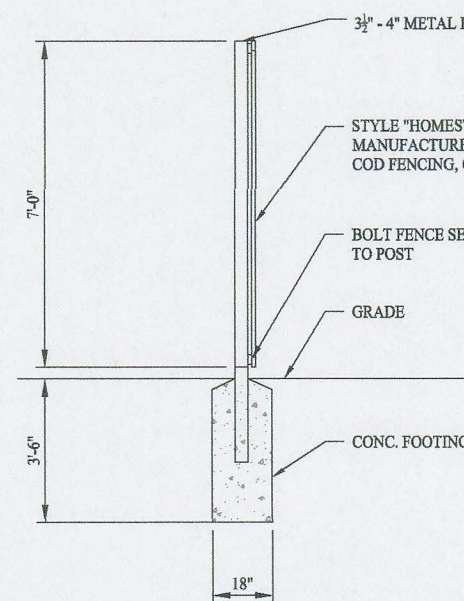
DETAIL PROVIDED BY NYLOPLAST



RIPRAP AT FLARED SECTION

SCALE: NTS

RIPRAP TYPE	"T" (INCHES)
INTERMEDIATE	18
MODIFIED	12

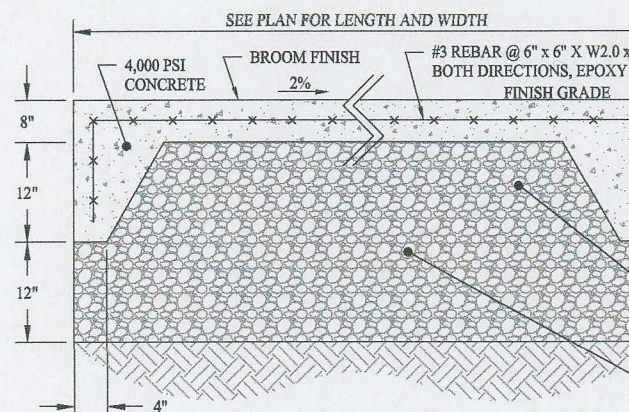


FENCE POST INSTALLATION

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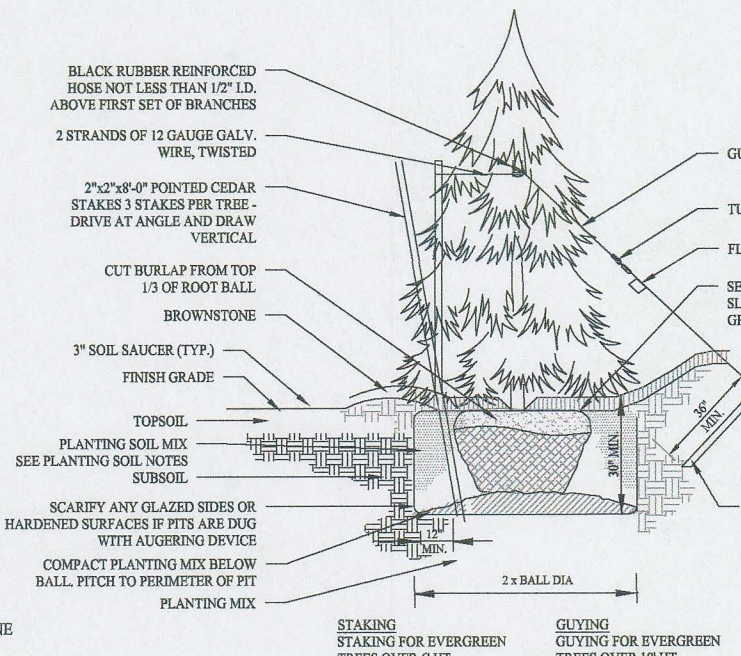
INFILTRATION BASIN CROSS-SECTION

SCALE: NTS



CONCRETE PAD DETAIL

SCALE: NTS



EVERGREEN TREE PLANTING

SCALE: NTS

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Graphic Scale:



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Sheet Title: Sheet #:

DETAIL SHEET
3.01

