

GENERAL NOTES:

- OWNERS OF ADJOINING PROPERTIES ARE SHOWN ACCORDING TO CURRENT TOWN OF HOLLISTON ASSESSORS RECORDS.
- THIS PLAN IS BASED ON AN AERIAL SURVEY BY CIVIL DESIGN CONSULTANTS INC. PERFORMED IN JANUARY, 2022.
- LEGAL STATUS OF EASEMENTS AND WAYS, NOT DETERMINED BY THIS SURVEY.
- HORIZONTAL DATUM IS NAD 83, AND VERTICAL DATUM IS NAVD 1988.

REFERENCES:

TOWN ASSESSOR MAP 9, BLOCK 3, PARCEL 16.1
DEED BOOK 79917, PAGE 173
PLAN 1029 OF 1971

ZONING:

ZONED: INDUSTRIAL
AREA = 20,000 sf
FRONTAGE = 100 feet
DEPTH = 150 feet
SETBACKS: FRONT = 30 feet
SIDE = 20 feet
REAR = 30 feet

PREPARED FOR:

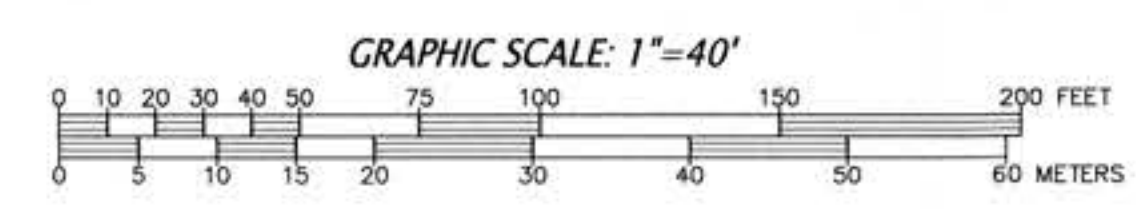
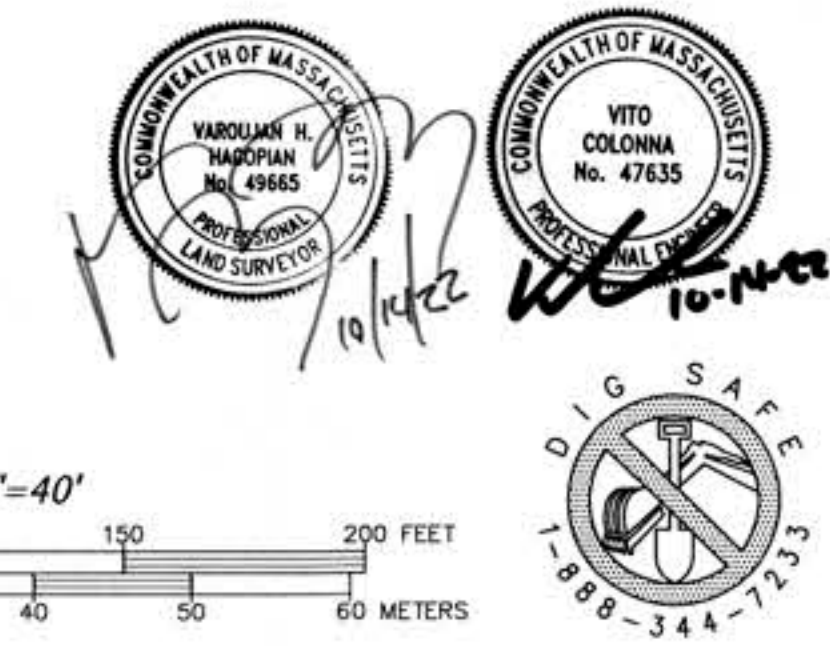
MASTER PAVING CORP. &
MIDDLESEX ASPHALT SERVICES, INC.

157-165 LOWLAND STREET
HOLLISTON, MA 01746

**CONNORSTONE
ENGINEERING INC.**
CIVIL ENGINEERS AND LAND SURVEYORS
10 SOUTHWEST CUTOFF, SUITE 7
NORTHBOROUGH, MASSACHUSETTS 01532
PHONE: 508-393-9727 FAX: 508-393-5242

**PROPOSED SITE PLAN
OF
157-165 LOWLAND STREET
IN
HOLLISTON, MA**

10/14/22	REVIEW COMMENTS
6/2/2022	TOWN COMMENT
REVISED:	DESCRIPTION:
DRAWN BY: REM	CHECK BY: VC
DATE: APRIL 7, 2022	
SCALE: 1"=40'	SHEET 1 OF 4.
EXISTING CONDITIONS PLAN	



"CERTIFICATE OF ACTION"
"I" ATTEST THAT THE PLANNING BOARD VOTED _____ TO _____ TO APPROVE
THIS SPECIAL PERMIT/SITE PLAN ON _____ (DATE).

(SIGNATURE OF PLANNING BOARD MEMBER)*

EROSION AND SEDIMENTATION CONTROL NOTES:

GENERAL CONDITIONS:
ALL WORK SHALL BE IN ACCORDANCE WITH THE ORDER OF CONDITIONS ISSUED BY THE CONSERVATION COMMISSION AND PROJECT STORMWATER POLLUTION PREVENTION PLAN (IF APPLICABLE).
THIS PLAN DEPICTS THE MINIMUM REQUIRED SEDIMENTATION AND EROSION CONTROLS. THE CONTRACTOR SHALL EMPLOY ADDITIONAL SEDIMENTATION AND EROSION CONTROL MEASURES AS NECESSITATED BY SITE CONDITIONS, OR AS DIRECTED BY THE OWNER, THE OWNER'S REPRESENTATIVE, OR THE CONSERVATION COMMISSION TO ENSURE PROTECTION OF ALL WETLAND RESOURCES AND CONTROL SEDIMENT TRANSPORT. IF SEDIMENTATION PLUMES OCCUR, THE CONTRACTOR SHALL STOP WORK AND INSTALL ADDITIONAL SEDIMENTATION CONTROL DEVICES IMMEDIATELY TO PREVENT FURTHER SEDIMENTATION.

RESPONSIBLE PARTY:
THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY AND PERMANENT SEDIMENTATION AND EROSION CONTROLS UNTIL WORK IS COMPLETE AND ALL AREAS HAVE BEEN PERMANENTLY STABILIZED. AT SUCH TIME THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SEDIMENTATION AND EROSION CONTROL MEASURES. CONTRACTOR'S CONTACT INFORMATION TO BE PROVIDED TO THE LOCAL AUTHORITY PRIOR TO CONSTRUCTION, INCLUDING 24 HOUR EMERGENCY CONTACT NUMBER..

SEQUENCE OF EROSION CONTROLS:
PRIOR TO INITIATING ANY CONSTRUCTION, ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND DETAIL DRAWINGS.

INSPECTION / MAINTENANCE SCHEDULE:
THE CONTRACTOR SHALL INSPECT SEDIMENTATION AND EROSION CONTROLS ON A WEEKLY BASIS AND IMMEDIATELY BEFORE/AFTER EACH RAINFALL GREATER THAN 0.25 INCHES. REPAIRS SHALL BE MADE BY THE END OF THE WORKING DAY.

CONSTRUCTION PERIOD BMP'S:
SEDIMENTATION BARRIERS SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT OR AS INDICATED ON THE PLANS. ADDITIONAL BARRIERS SHALL BE LOCATED AS CONDITIONS WARRANT, AND IN SOME AREAS STRUCTURES MAY HAVE TO BE DUPLICATED AT REGULAR INTERVALS UP GRADIENT OF WETLANDS. ACCUMULATED SEDIMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR WHEN THE VOLUME REACHES 1/4 TO 1/2 THE HEIGHT OF SEDIMENT BARRIER, OR AS DIRECTED BY THE LOCAL AUTHORITY.
SOIL STOCKPILES SHALL BE STABILIZED TO PREVENT EROSION, AND A PERIMETER SEDIMENT CONTROL BARRIER SHALL BE INSTALLED. MATERIALS SUBJECT TO EROSION SHALL BE STOCKPILED OVERNIGHT WITHIN 100 FEET OF A WETLAND UNLESS COVERED.

DISTURBED AREAS SHALL BE STABILIZED WITH 4 INCHES OF LOAM AND SEEDING (OR BY ANOTHER APPROVED METHOD) AS SOON AS POSSIBLE AFTER THE FINISHED GRADE HAS BEEN MET. DISTURBED AREAS WITH SLOPES 3:1 (H:V) OR GREATER SHALL BE COVERED WITH LOAM AND STABILIZED WITH HYDROSEED. IF FINAL GRADING DOES NOT OCCUR DURING THE GROWING SEASON, THESE AREAS SHALL BE MULCHED WITH HAY AND SECURED.

DEWATERING OPERATIONS, IF REQUIRED, SHALL DISCHARGE ONTO STABILIZED AREAS, AND ALL DISCHARGE WATER IS TO PASS THROUGH SEDIMENTATION CONTROL DEVICES TO PREVENT IMPACTS UPON WATER BODIES, BORDERING VEGETATED WETLANDS, DRAINAGE SYSTEMS AND ADJUTING PROPERTIES. AT A MINIMUM ALL DISCHARGES SHALL BE INTERCEPTED BY GEOTEXTILE FILTER BAG AND/OR HAYBALE CHECK DAMS SPACED 10' APART.

STREET SWEEPING IN THE VICINITY OF THE PROJECT AREA SHALL BE PERFORMED AS NEEDED UNTIL THE PROJECT LIMITS HAVE BEEN STABILIZED. ALL SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY AT A MINIMUM, AND AS NEEDED BASED ON THE AMOUNT OF SEDIMENT TRACKED.

ALL EXISTING AND PROPOSED DRAINAGE SYSTEM INLETS, WHICH MAY RECEIVE STORMWATER FLOW FROM DISTURBED AREAS, SHALL BE PROVIDED WITH INLET PROTECTION (CATCH BASIN SILT SACKS). THE CONTRACTOR SHALL MAINTAIN THESE DEVICES PER THE MANUFACTURERS RECOMMENDATIONS UNTIL ALL WORK IS COMPLETED AND ALL AREAS HAVE BEEN ADEQUATELY STABILIZED.

DUST CONTROL MEASURES SHALL BE IMPLEMENTED AND MAINTAINED PROPERLY THROUGHOUT DRY WEATHER PERIODS UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. METHODS FOR DUST CONTROL SHALL INCLUDE WATER SPRINKLING AND/OR OTHER METHODS APPROVED BY THE ENGINEER.

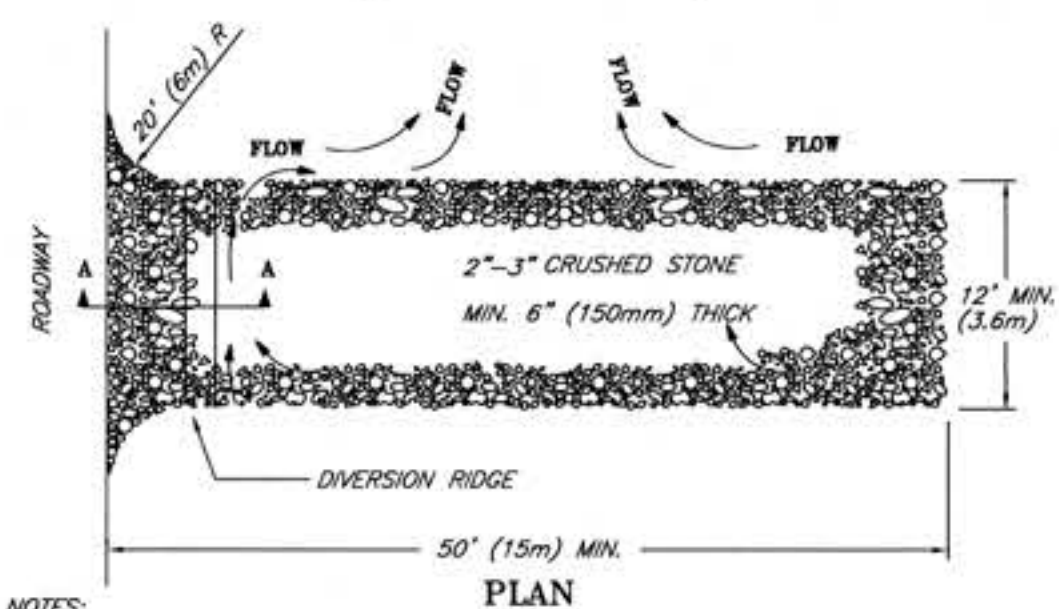
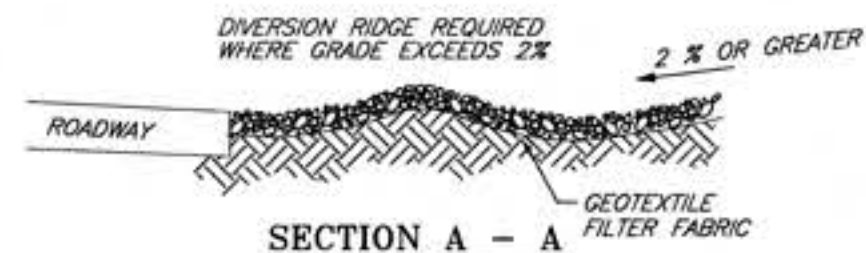
ALL VEHICLES SHALL ENTER AND EXIT THE SITE OVER THE EXISTING PAVED DRIVEWAY OR A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF 2" TO 3" INCH CRUSHED STONE TO A DEPTH OF 6" FOR A MINIMUM OF THE FIRST 50 FEET FROM EXISTING PAVED STREETS. EXTEND THE PAD BEYOND 50 FEET AS NECESSARY BASED UPON FIELD CONDITIONS. IF THE SITE CONDITIONS ARE SUCH THAT THE GRAVEL PAD DOES NOT REMOVE THE MAJORITY OF THE MUD AND DEBRIS, THEN THE TIRES SHALL BE WASHED BEFORE ANY VEHICLES ENTER ADJACENT ROADWAYS. ALL WATER USED FOR TIRE WASHING SHALL BE COLLECTED AND TREATED PRIOR TO ENTERING THE DRAINAGE SYSTEM. THE CONTRACTOR SHALL INSPECT THE CONSTRUCTION ENTRANCE DAILY AND AFTER HEAVY USE.

IMENT POND
REGULATED RESOURCE AREA PER
ER OF CONDITIONS 185-50 (1978),
TIFIED 185-720 (1978),
OGNIZED 2011 NOTICE OF INTENT
2018 ENF.

PROVIDE SILT SACKS WITHIN
ALL DRAINAGE INLET
DURING CONSTRUCTION,
(SEE DETAIL)

PROPOSED EROSION BARRIER
DURING CONSTRUCTION,
(SEE DETAIL)

PROPOSED BERM W/ 8' TALL
NOISE DEADENING FENCE
(MASS LOADED VINYL, OR EQUAL)
ANGLES AS SHOWN.

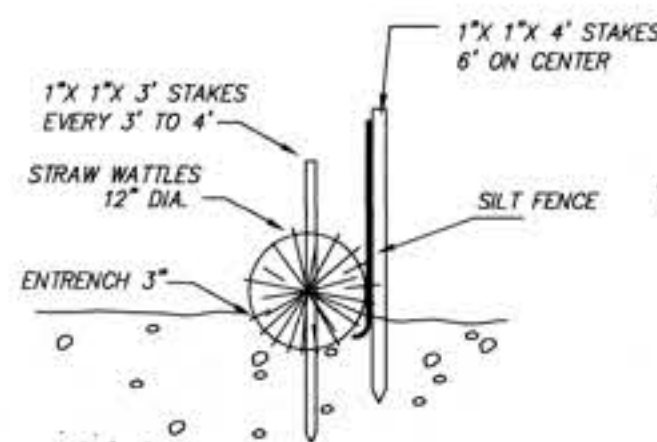


NOTES:

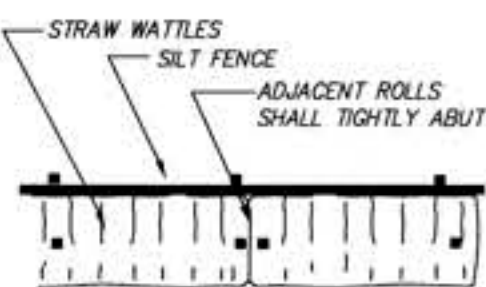
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANDOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

TEMPORARY
GRAVEL
CONSTRUCTION
ENTRANCE/EXIT

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CROSS SECTION



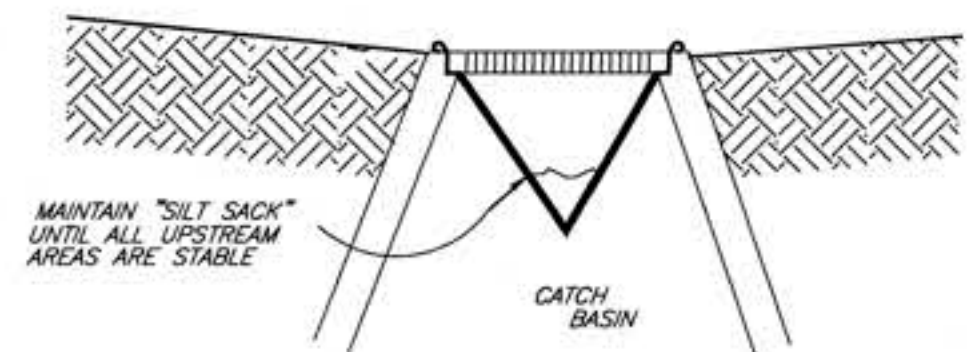
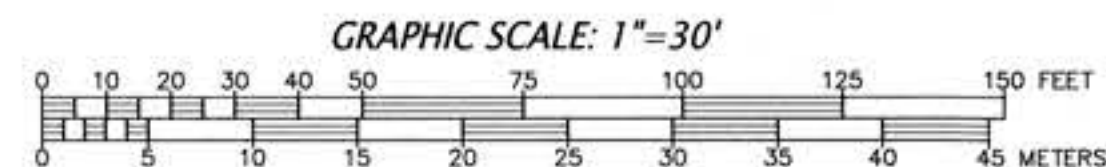
PLAN VIEW

NOTES:

1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" DEEP. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.
2. INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.

STRAW WATTLES AND SILT FENCE DETAIL

NOT TO SCALE



- NOTES:
1. SILT SACKS ARE TO BE INSPECTED WEEKLY DURING CONSTRUCTION AND IMMEDIATELY AFTER STORM EVENTS.
 2. IF SILT SACKS ARE MORE THAN 1/3RD FULL, THEY SHALL BE EMPTIED IMMEDIATELY. CAPTURED SILT SHALL BE RETAINED ON SITE AND REUSED.

SILT SACK OR EQUAL
SEDIMENT CONTAINMENT SYSTEM
NOT TO SCALE

PROPOSED EROSION BARRIER
DURING CONSTRUCTION,
(SEE DETAIL)

PROVIDE STONE CONSTRUCTION
ENTRANCE UNTIL BINDER COURSE
PAVEMENT (SEE DETAIL)

PROVIDE SILT SACKS WITHIN
ALL DRAINAGE INLET
DURING CONSTRUCTION,
(SEE DETAIL)

PROPOSED SEPTIC SYSTEM.
SEE SEPARATE DESIGN PLANS TO
BE FILED WITH BOARD OF HEALTH

MODIFIED CAPE COD
BERM THROUGHOUT

PROP. EROSION BARRIER

PROPOSED 4" BIT. CONCRETE PAVEMENT
1-1/2" SURFACE COURSE
2-1/2" BINDER COURSE
12" MINIMUM COMPACTED GRAVEL BASE

EXISTING
STORMWATER BERM
CONTAINMENT

FE-2
15" FE=156.65
6"-12" RIP RAP APRON
6" WIDE x 10' LONG

8" TALL RIP RAP BERM - FOREBAY

BENCHMARK
P.K. NAIL IN BIT. CONC.
EL.=156.80

100 YEAR
FLOOD EL.=157

STORMWATER DITCH
NOT REGULATED RESOURCE AREA PER
ORDER OF CONDITIONS 185-50 (1978),
RECTIFIED 185-720 (1978),
RECOGNIZED 2011 NOTICE OF INTENT
AND 2018 ENF.

UTILIZE AREA AS TEMPORARY SEDIMENT
BASIN DURING CONSTRUCTION AND PRIOR
TO CONSTRUCTION OF THE INFILTRATION BASIN.
ONCE CONSTRUCTION IS COMPLETED AND
STABILIZED, REMOVE ALL SEDIMENT PLUS
AND A MINIMUM ADDITIONAL 12-INCHES
BELOW THE BOTTOM OF BASIN TO ENSURE
ALL SEDIMENT HAS BEEN REMOVED PRIOR TO
FINAL CONSTRUCTION OF THE PERMANENT
INFILTRATION BASIN.

PREPARED FOR:

MASTER PAVING CORP. &
MIDDLESEX ASPHALT SERVICES, INC.

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10/14/22 REVIEW COMMENTS

6/2/2022 TOWN COMMENT

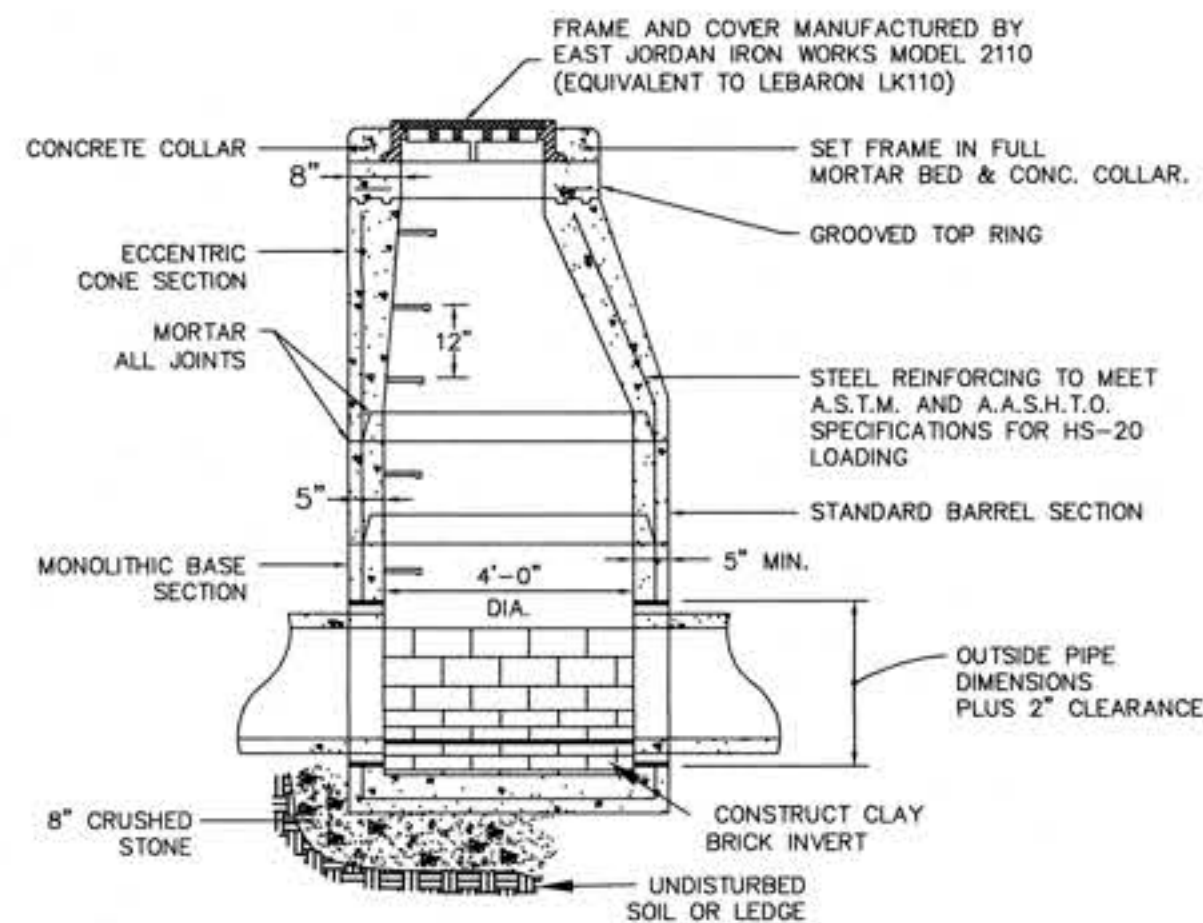
REVISED: DESCRIPTION:

DRAWN BY: REM CHECK BY: VC

DATE: APRIL 7, 2022

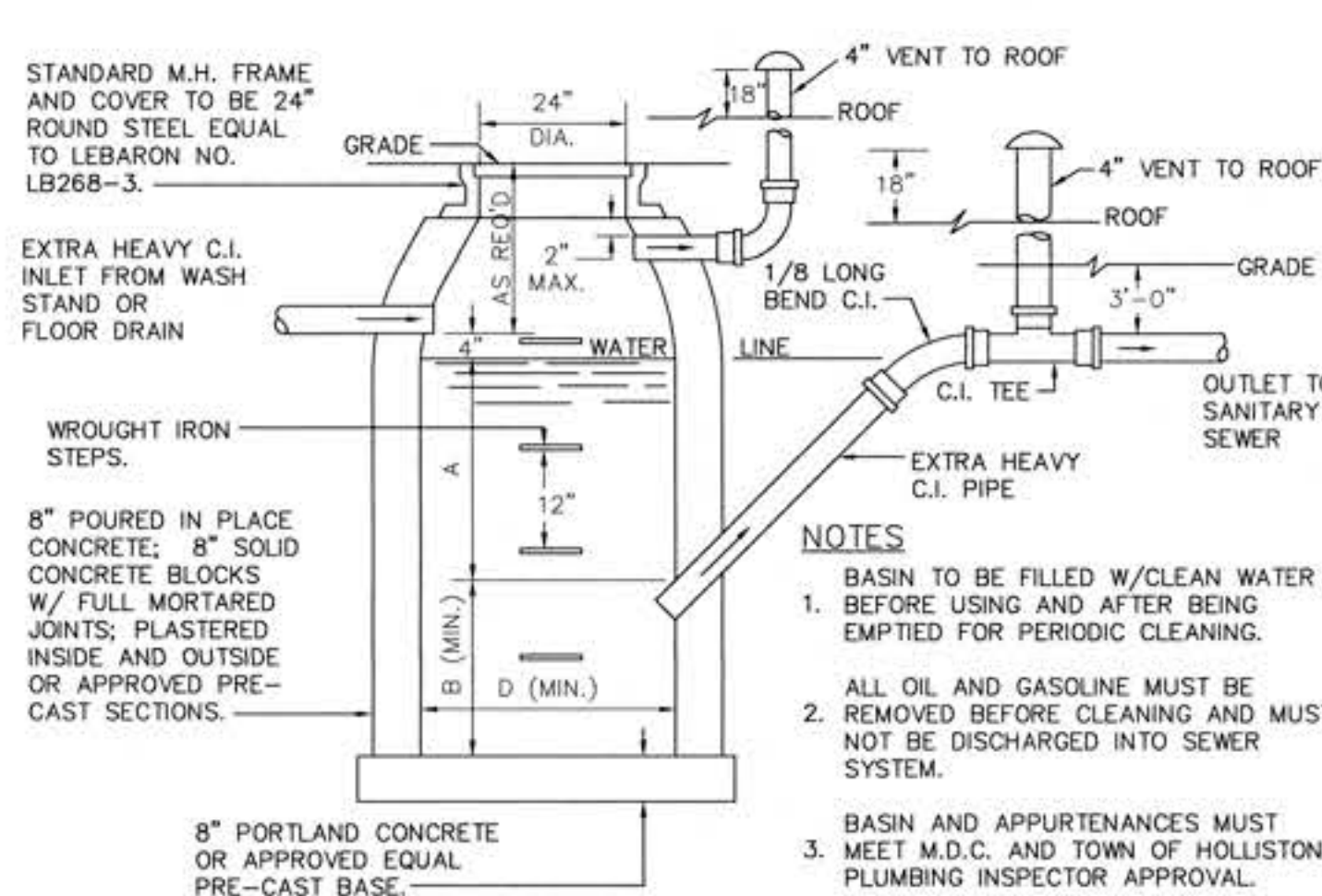
SCALE: 1"=30' SHEET 3 OF 4.

EROSION CONTROL PLAN



ALL CONCRETE DRAINAGE PIPES AND STRUCTURES TO HAVE FULL MORTARED JOINTS.

PRECAST CONCRETE DRAIN MANHOLE
NOT TO SCALE

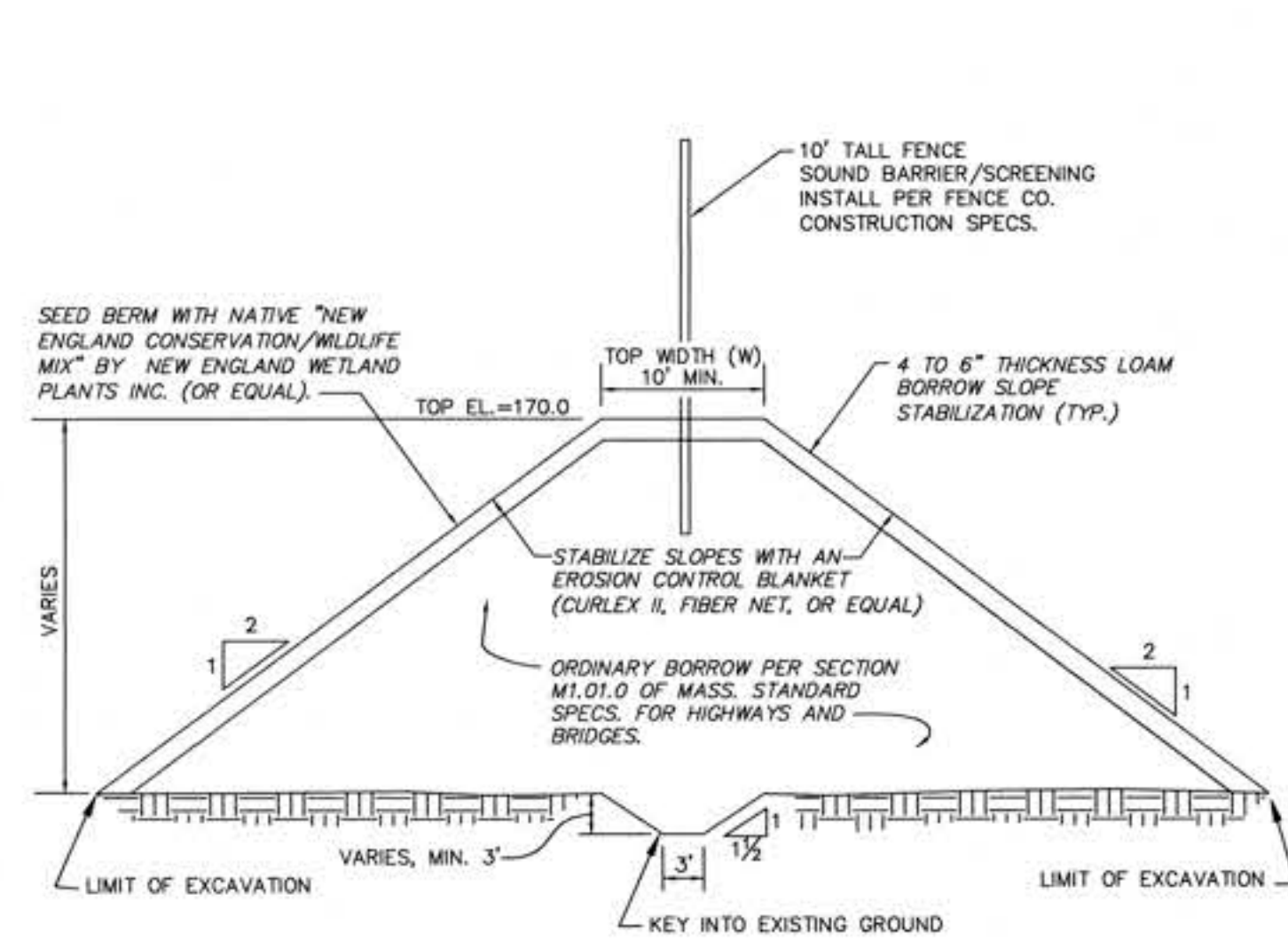


STANDARD M.D.C. CATCH BASIN & GASOLINE TRAP DETAILS
NOT TO SCALE

INLET	D	A	B
4"	4'-0"	2'-3"	1'-11"
	3'-6"	3'-0"	2'-6"
5"	3'-6"	4'-0"	4'-0"
	4'-0"	3'-0"	3'-0"
	4'-0"x4'-0"	3'-0"	2'-6"
	4'-6"	3'-0"	2'-6"
6"	4'-0"	5'-0"	4'-6"
	4'-0"x4'-0"	4'-0"	3'-6"
	4'-6"	4'-0"	3'-6"
	4'-6"x4'-6"	3'-6"	3'-0"
	5'-0"	3'-0"	2'-6"
	5'-0"x5'-0"	3'-0"	2'-6"
8"	5'-0"	6'-0"	5'-0"
	5'-6"x5'-6"	4'-6"	4'-0"
	6'-0"	4'-0"	3'-6"
	6'-0"x6'-0"	3'-0"	2'-6"
	6'-6"x6'-6"	3'-0"	2'-6"

NOTE: FOR INLETS LARGER THAN 8", THE DESIGN AND DIMENSIONS WILL BE DETERMINED FOR EACH PARTICULAR CASE.

CIRCULAR BASINS ARE RECOMMENDED.

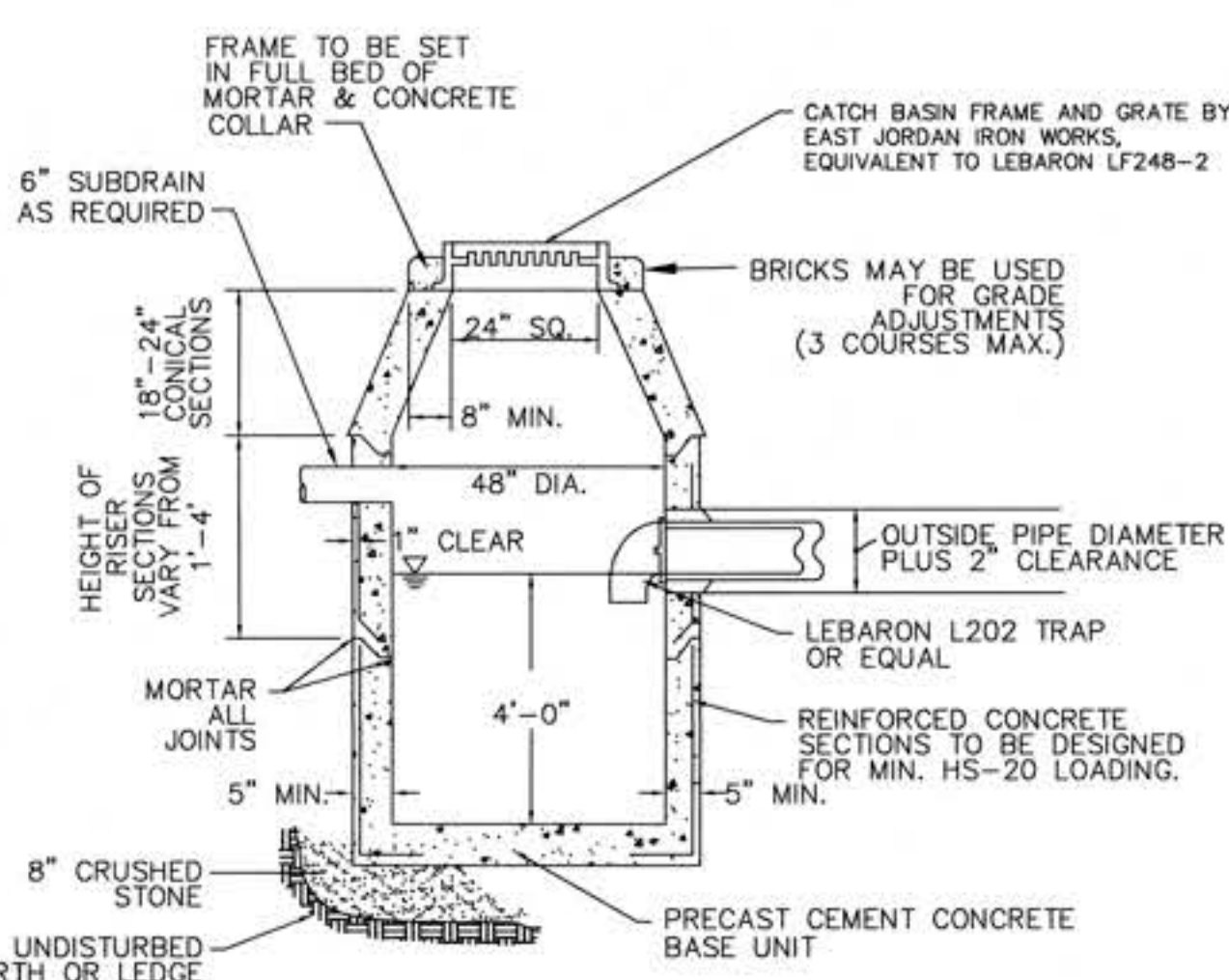
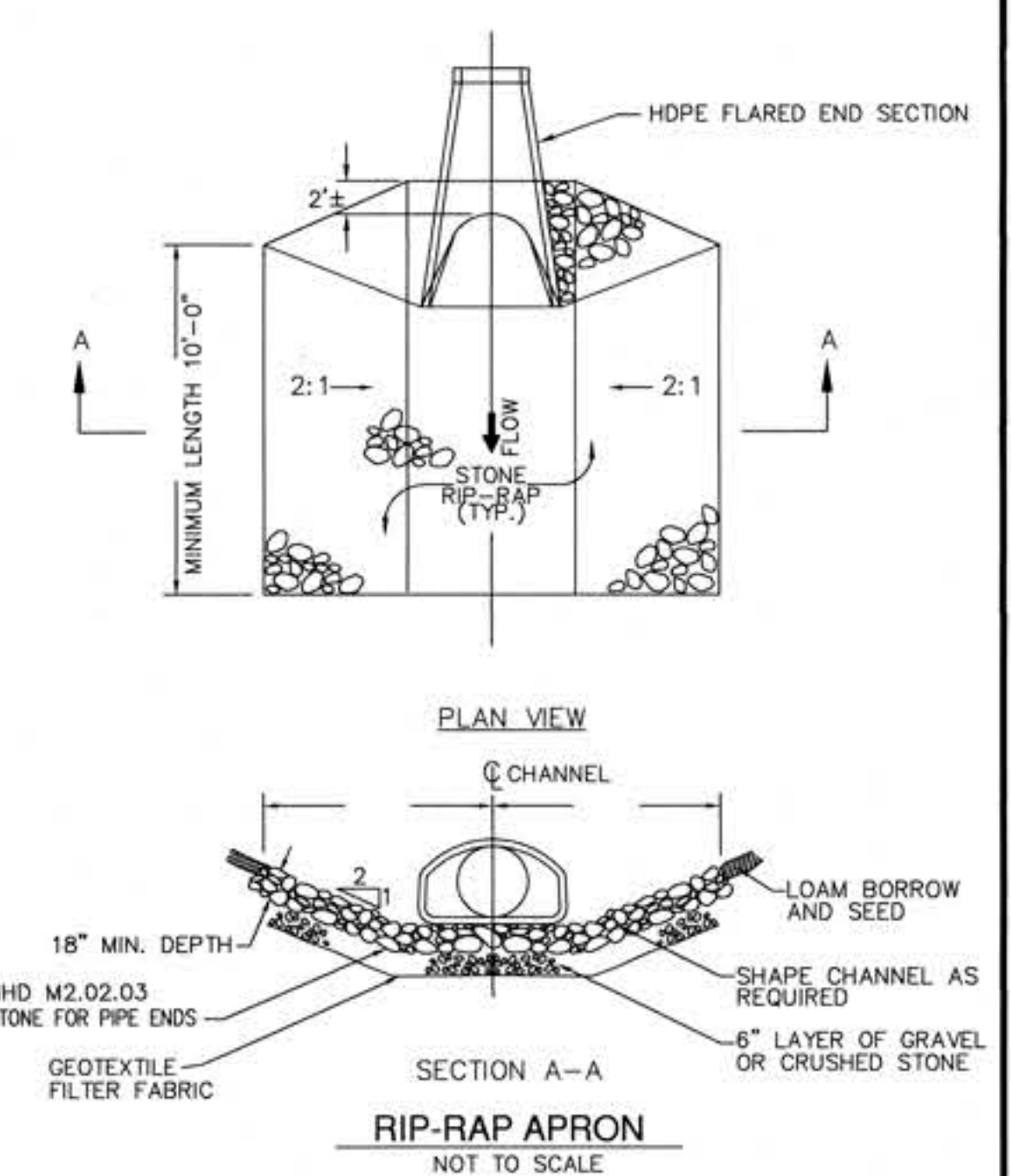


SOUND BARRIER - SCREENING BERM SECTION
NOT TO SCALE

NOTES: EMBANKMENT CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH MASSDOT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, SECTIONS 150.

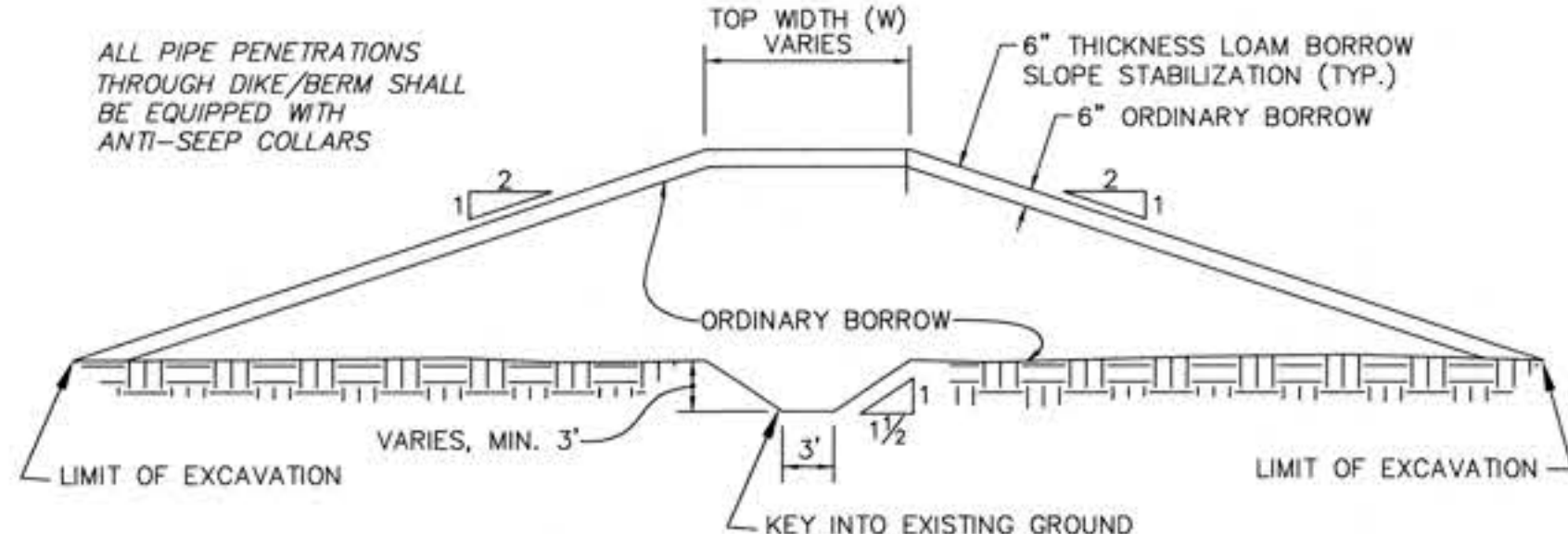
PRIOR TO PLACEMENT OF FILL, AREAS UNDER EMBANKMENTS SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL, SUBSOIL, AND ANY UNSUITABLE MATERIALS.

EMBANKMENTS SHALL BE FORMED BY PLACING SUCCESSIVE LAYERS OF MATERIAL UNIFORMLY DISTRIBUTED AND COMPACTED OVER THE FULL WIDTH OF THE CROSS SECTION AND EXTENDED BEYOND THE FINISH SLOPE FACE. LAYERS SHALL BE PLACED AND COMPACTED IN MAXIMUM 12 INCH LIFTS AND COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY.



ALL CONCRETE DRAINAGE PIPES AND STRUCTURES TO HAVE FULL MORTARED JOINTS.

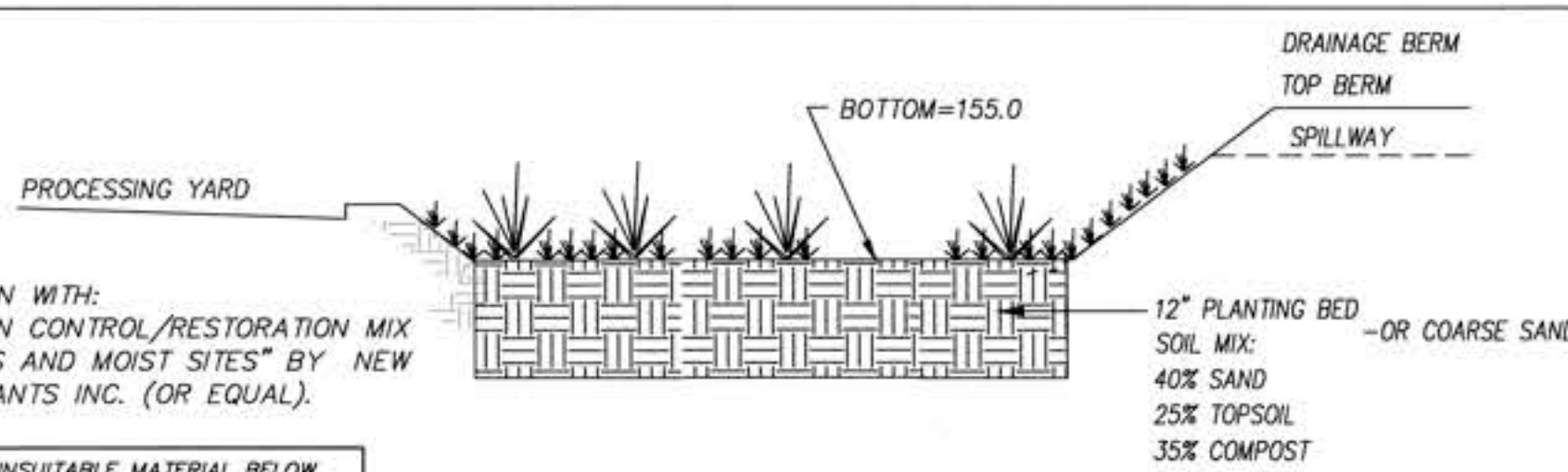
PRECAST CONCRETE CATCH BASIN
NOT TO SCALE



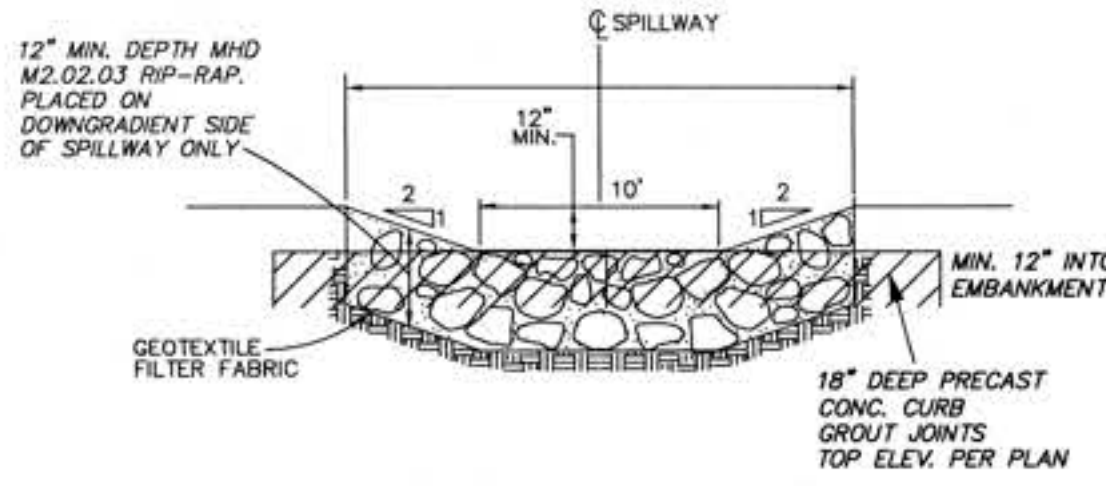
DRAINAGE BERM SECTION
NOT TO SCALE

SEED BOTTOM OF BASIN WITH: "NEW ENGLAND EROSION CONTROL/RESTORATION MIX FOR DETENTION BASINS AND MOIST SITES" BY NEW ENGLAND WETLAND PLANTS INC. (OR EQUAL).

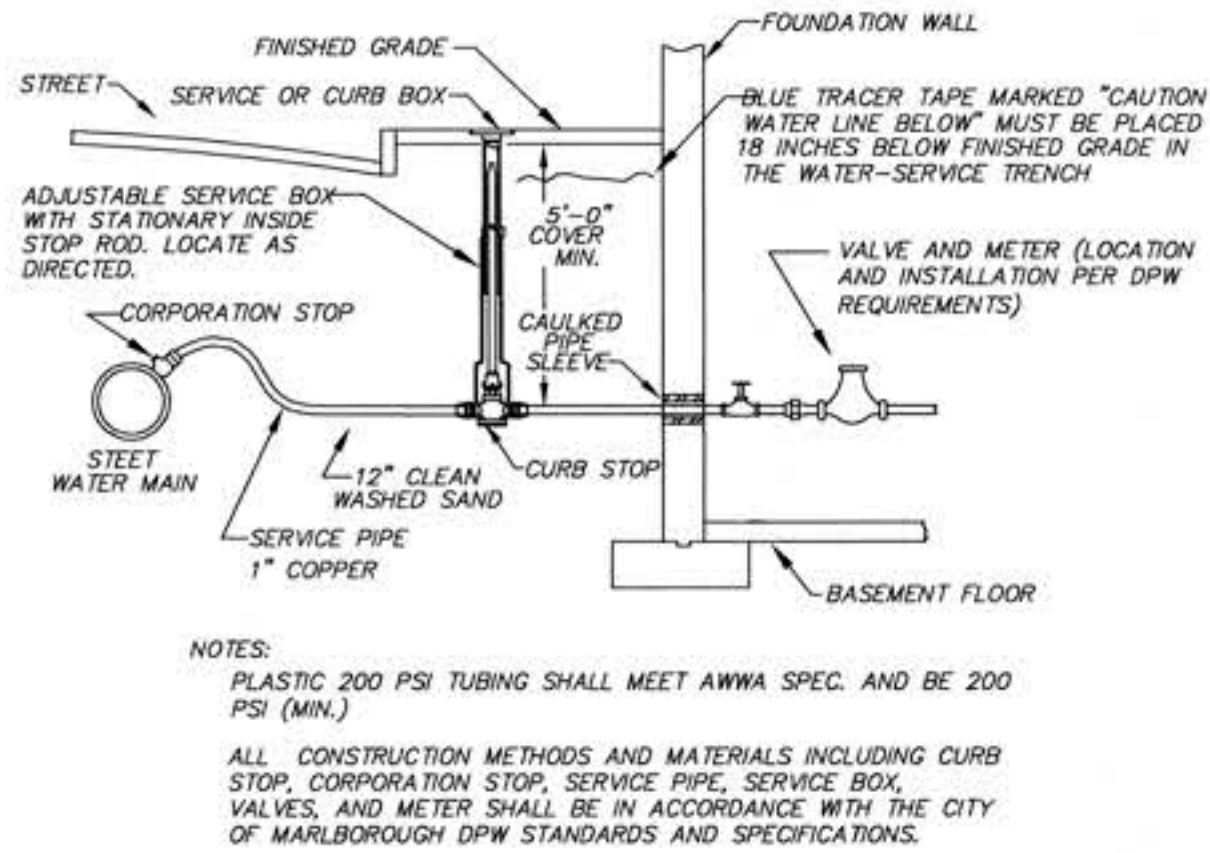
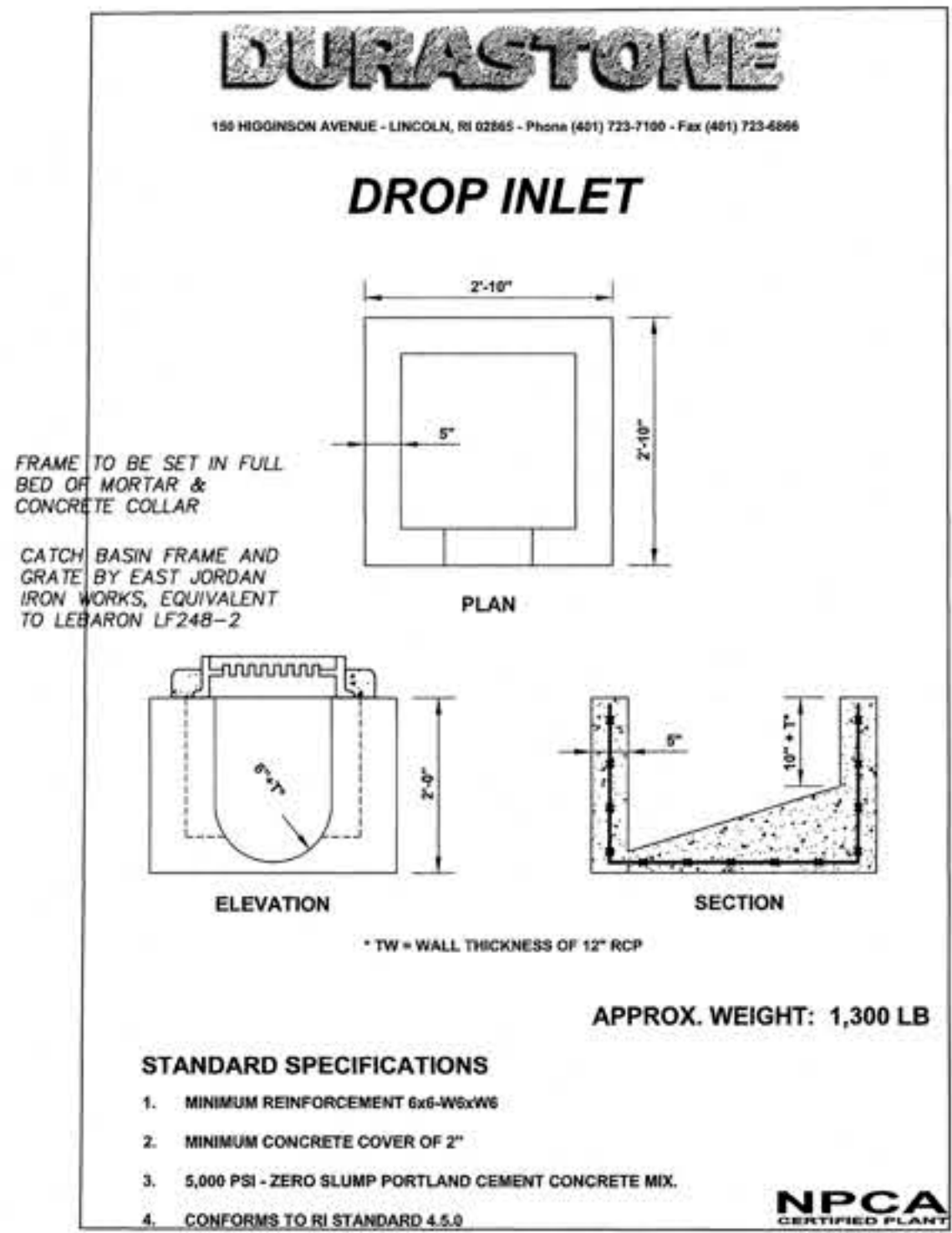
REMOVE ALL FILL AND/OR UNSUITABLE MATERIAL BELOW THE INFILTRATION BASIN. EXCAVATE AT LEAST 6 INCHES INTO THE "C" LAYER. ANY FILL REQUIRED BELOW THE BOTTOM OF BASIN SHALL BE FREE-DRAINING CLEAN SAND WITH LESS THAN 5% PASSING THE #200 SIEVE (TITLE 5 FILL OR WASHED C-33 SAND MEET THIS REQUIREMENT)



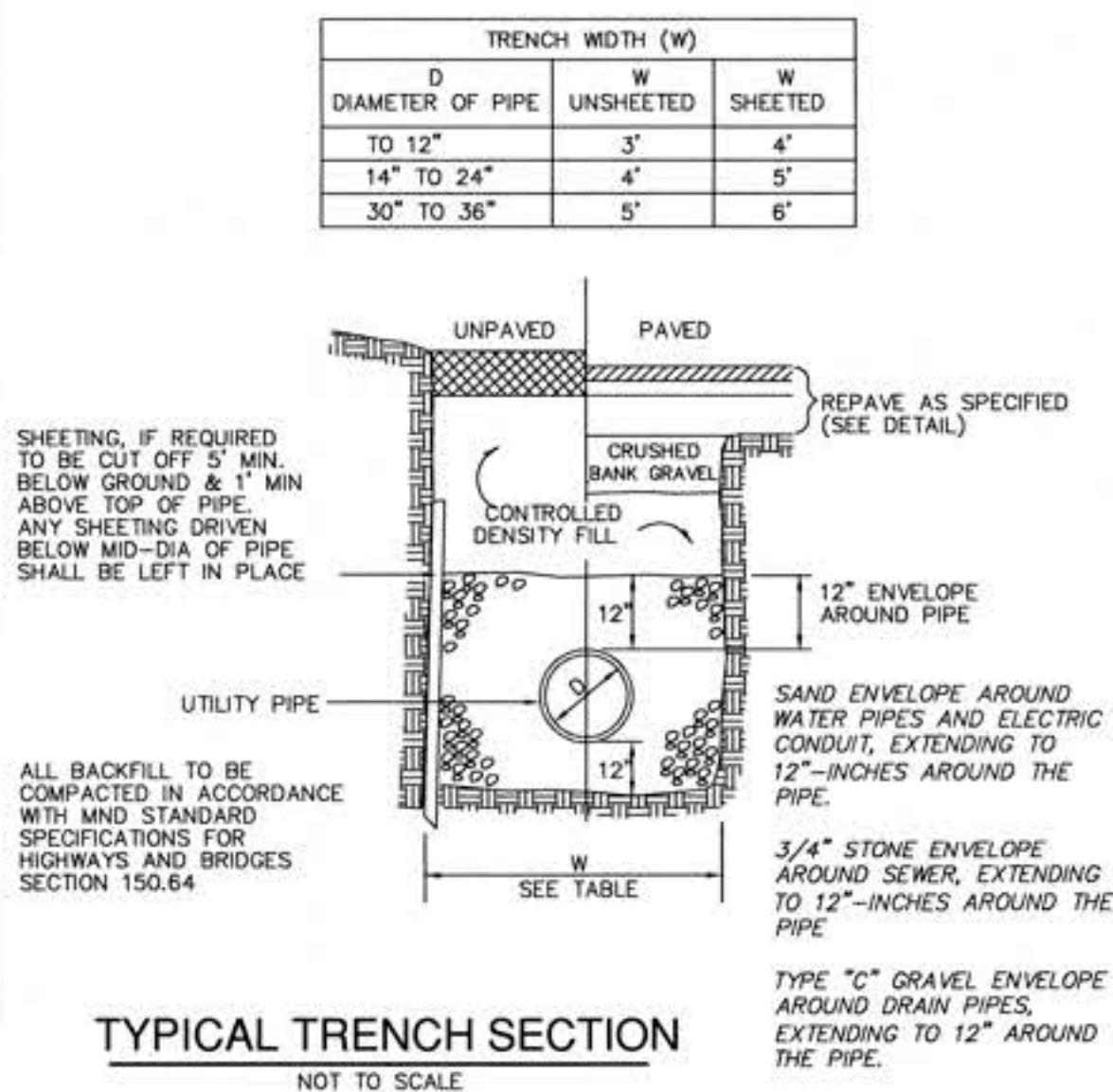
INFILTRATION BASIN DETAIL
NOT TO SCALE



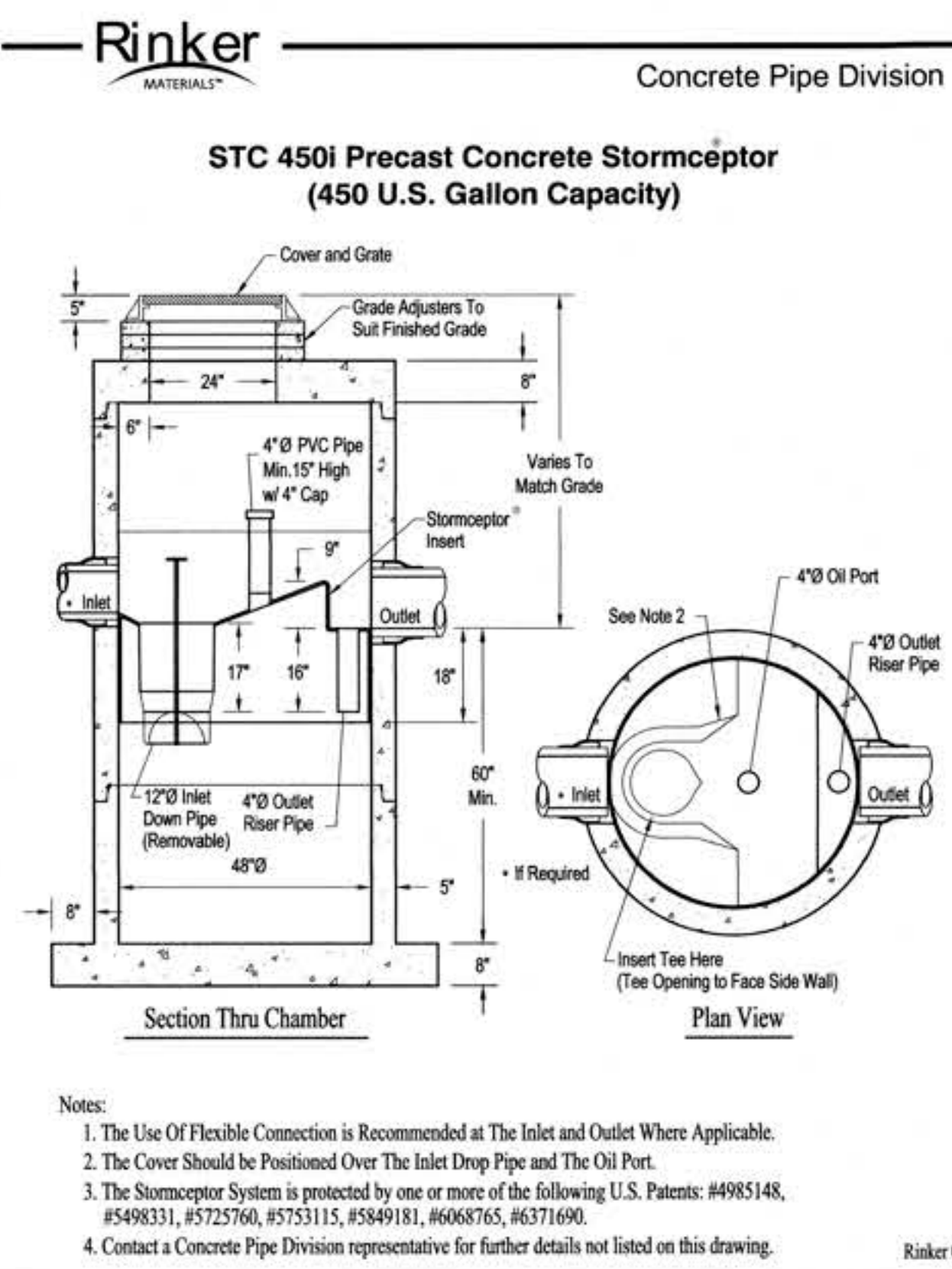
EMERGENCY SPILLWAY DETAIL
NOT TO SCALE



TYPICAL WATER SERVICE CONNECTION
NOT TO SCALE



TYPICAL TRENCH SECTION
NOT TO SCALE



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CONSTRUCTION DETAILS

