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DYEI AND, I

PROFESSIONAL ENGINEER:

APPLICANT:

GASPAR INVESTMENT IN 265 WILLIS AVE.

MEDFORD, MASSACHUSETTS 0215

DRAWN BY: DESIGNED BY: CHECKED BY: APPROVED BY: OCTOBER 23, 2020 SCALE:

ESS BCM

BCM

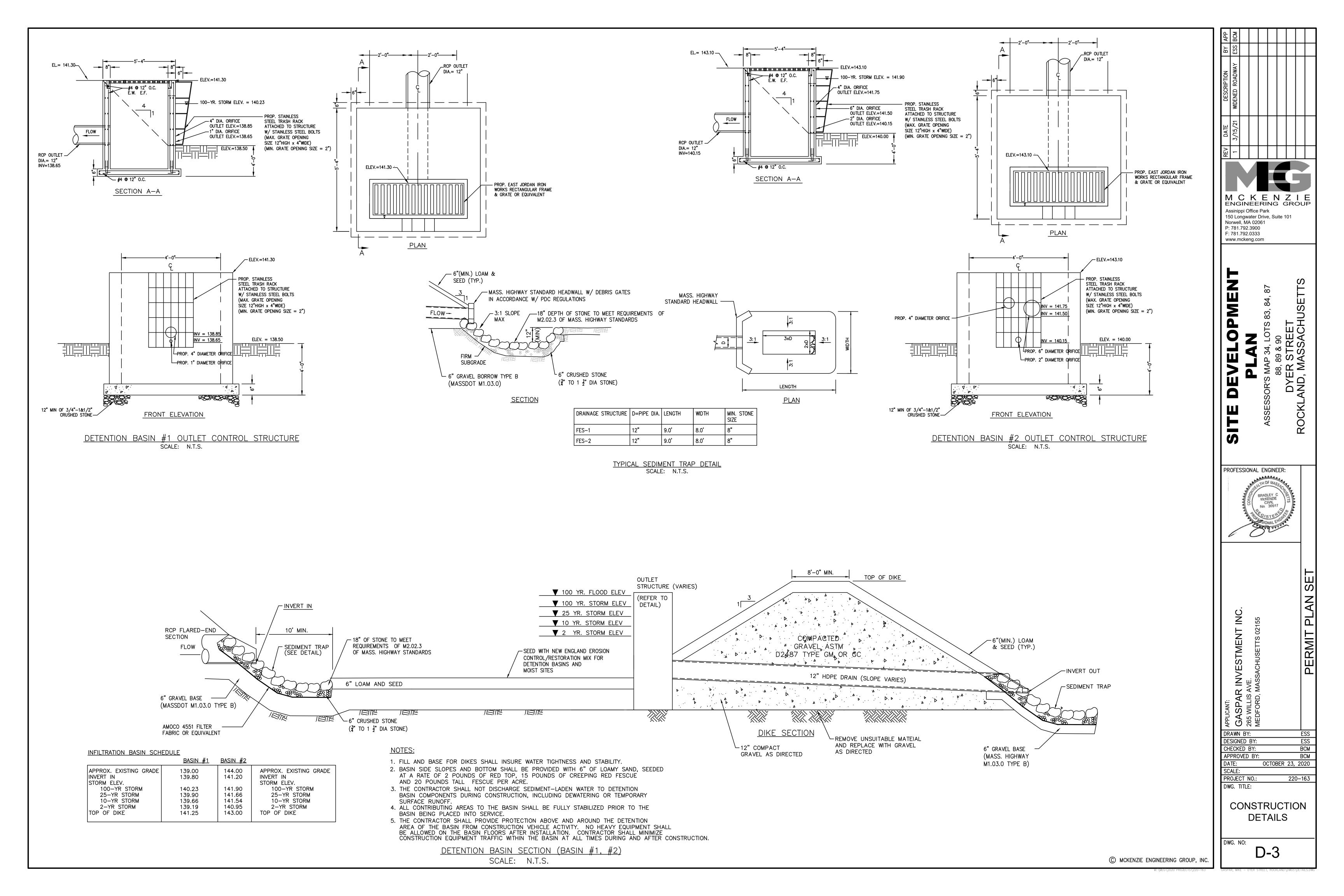
220-163

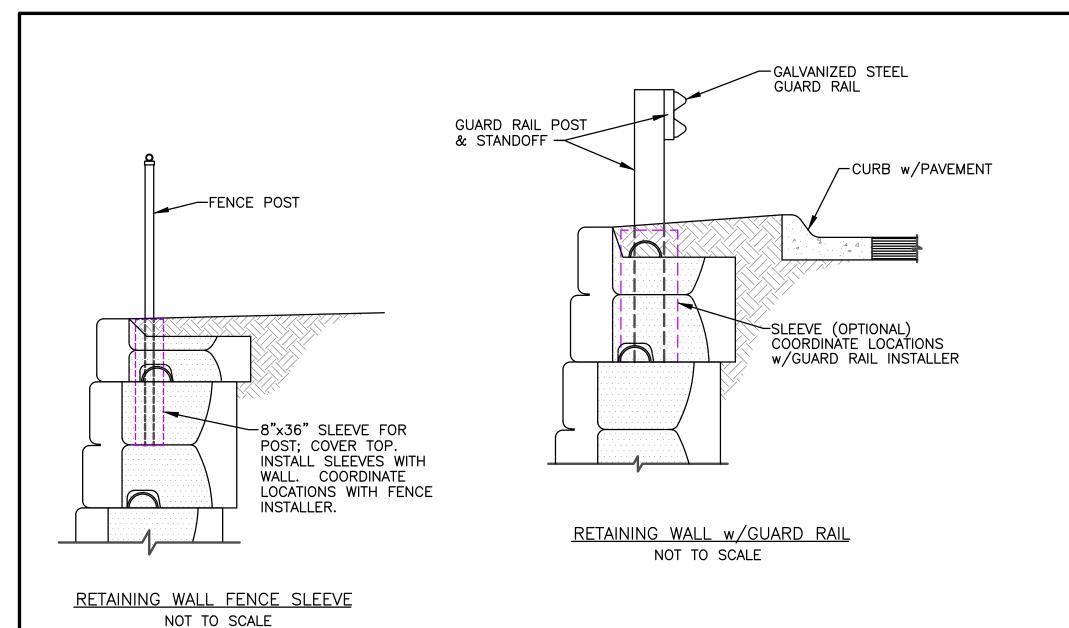
PROJECT NO.: DWG. TITLE:

> CONSTRUCTION DETAILS

DWG. NO:

D-2





24" DIA.

ACCESS

ALTERNATE TOP SLAB

48" DIA. (MIN.)

4 4 4

STONE STRONG 6SF RETAINING WALL TOP UNIT-STONE STRONG 24SF RETAINING WALL UNIT -1. DRAIN TILE MAY BE ELIMINATED AT THE DISCRETION OF THE UNIT FILL— SITE ENGINEER. 2. DAYLIGHT DRAIN TILE AT LOW AUTOMATIC SET BACK POINTS THROUGH WALL FACE OR AT ENDS; MAXIMUM SPACING 100 (4" PER UNIT) — ► FEET OR PER SITE CONDITIONS. -ALTERNATE DRAIN TILE LOCATION WALL BASE (SEE DETAIL)-

GRAVITY RETAINING WALL CROSS SECTION

NOT TO SCALE

18'-0" MIN. LENGTH TOP RAIL TOP RAIL 1 1/4" NOMINAL DIA.— -#9 OR TWO #14 STEEL FASTENERS OR APPLIED EQUAL END BANDS 3/4"x1/8"— ₩ #14 STEEL FASTENERS FOR TUBULAR POSTS OR - BRACE TUBE APPROVED EQUAL STRETCHER BAR-3/4"x3/16" -CHAIN LINK FENCE 2" MESH #9 GAGE BARBED END OR CORNER POST-FINISH W/GREEN VINYL -ADJUSTABLE TIE ROD 3" TAKE UP 3/8" ROUND GROUND LINE-MAX. MAX.

> TYPICAL CHAIN LINK FENCE DETAIL SCALE: N.T.S.

END OR CORNER POSTS: NOMINAL 2" DIAMETER GALVANIZED STEEL PIPE, OR 2 1/2"x2"H SECTION. LINE POSTS: NOMINAL 1-1/2" DIAMETER GALVANIZED STEEL PIPE OR 1-7/8"x1-5/8" STEEL H

BRACE TUBES NOMINAL 1–1/4" DIA. GALVANIZED

STEEL PIPE.

LINE GATE & END POST BASE ("A") 2'-6" FOR 3 FT. & 4 FT. FENCE. 3'-0" FOR 6 FT. FENCE. 5'-0" FOR ALL OTHERS

STRETCHER BARS LENGTH TO BE 1 INCH LESS THAN FULL HEIGHT OF FABRIC. ONE STRETCHER BAR FOR EACH GATE & END POST & TWO STRETCHER BARS FOR CORNER & BRACING.

- 1. ROUND BASES MAY BE SUBSTITUTED FOR THE SQUARE BASES SHOWN
- BY USING FIBER TUBULAR 2. FORMS.

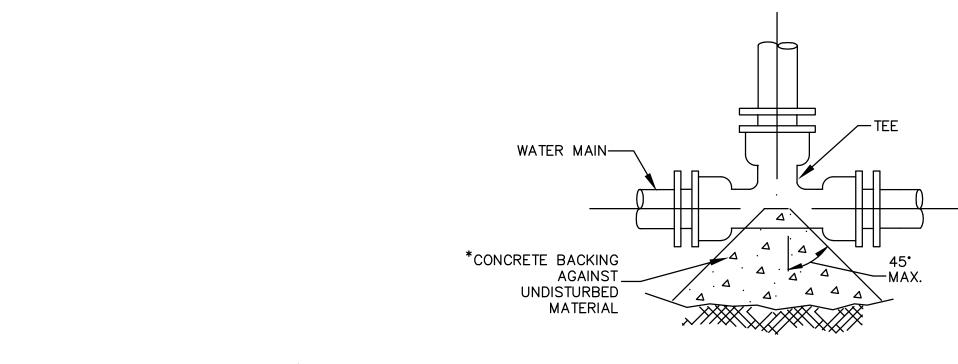
BRACING NOT REQUIRED FOR 3'0" & 4'0" FENCE.

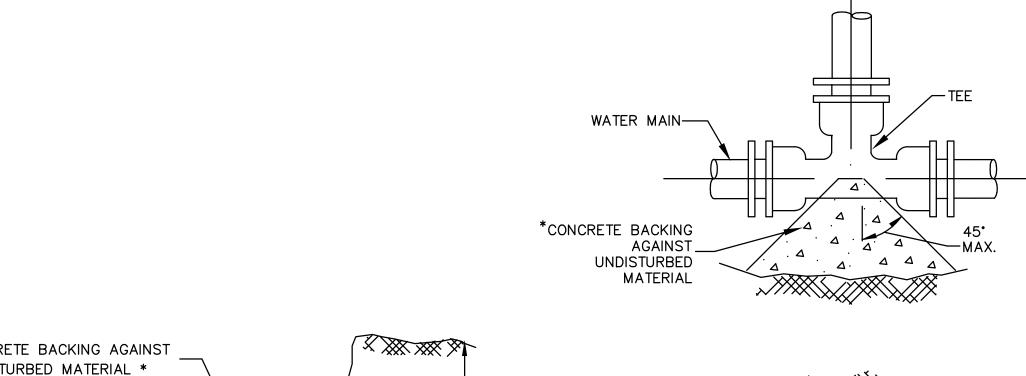
CONCRETE TO BE 4,000 P.S.I. FIBER REINFORCED.

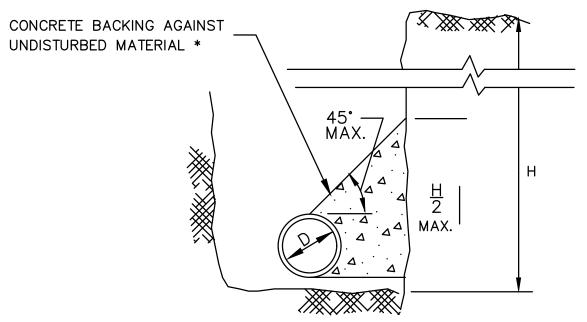
GENERAL NOTES

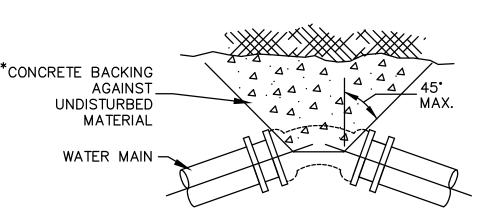
ALL WATER MAIN MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH THE ABINGTON ROCKLAND JOINT WATER WORKS DEPARTMENT RULES AND REGULATIONS.

- 1. IF SHEETING IS USED, IT SHALL BE CUT OFF NO MORE THAN 12" ABOVE TOP OF PIPE.
- 2. ALL PIPES SHALL BE PRESSURE TESTED AT 200 PSI WORKING PRESSURE FOR A MINIMUM DURATION OF TWO HOUR.
- 3. WATER SYSTEM IS TO BE DISINFECTED TO 50 P.P.M. AVAILABLE CHLORINE AND AFTER 24 HOURS TO 25 P.P.M. OR AS REQUIRED BY ABINGTON ROCKLAND JOINT WATER WORKS SUPERINTENDENT/ENGINEER.
- 4. WATER PIPE IS TO BE CEMENT LINED DUCTILE IRON "TYTON" OR EQUAL TYPE JOINT, CONFORMING TO A.N.S.I./A.W.W.A. C150/A21.50, CLASS 52, AS APPROVED BY THE ABINGTON ROCKLAND JOINT WATER WORKS SUPERINTENDENT/ENGINEER.
- 5. ALL PIPING SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH A.W.W.A. STANDARDS PRIOR TO PAVING IF PAVING ABOVE TRENCH IS REQUIRED.
- 6. BACKFILL IS TO BE COMPACTED TO 90% MAXIMUM DRY DENSITY BY AASHTO T-180 D.
- 7. ALL WATER PIPE SHALL BE LAID WITH A MINIMUM OF 5 FEET OF COVER OF APPROVED MATERIALS.
- 8. ALL HYDRANT LOCATIONS ARE TO BE APPROVED BY FIRE DEPARTMENT.
- 9. RESULTS FROM PRESSURE TESTING AND DISINFECTION SHALL BE FURNISHED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO WATER BEING TURNED ON.
- 10. ALL WORK SHALL BE IN CONFORMANCE WITH ABINGTON ROCKLAND JOINT WATER WORKS DEPARTMENT
- 11. ALL PERMITS REQUIRED FOR STREET OPENINGS AND WATER MAIN TAPPING MUST BE OBTAINED.
- 12. NO WATER WILL BE TURNED ON IN THE PROJECT WITHOUT ABINGTON ROCKLAND JOINT WATER WORKS DEPARTMENT APPROVAL.









* SEE THRUST BLOCK BEARING AREAS TABLE FOR THE AREA OF CONCRETE REQUIRED.

TYPICAL WATER MAIN THRUST BLOCK DETAILS NOT TO SCALE

THRUST BLOCK BEARING AREAS FOR WATER PIPE

		AS IN SQ. FT. AGAINS	
SIZE OF MAIN (IN.)	90° BEND	TEES AND PLUGS	45° BENI
6	4	2.5	2
8	6	4	3
12	12	9	7
16	21	16	12

* TYPE OF SOIL IS MEDIUM CLAYEY, 6 OR MORE BLOWS PER FOOT, OR LOOSE GRANULAR, 9 OR MORE BLOWS PER FOOT. SOIL CONDITIONS OTHER THAN THOSE GIVEN WILL REQUIRE LARGER BEARING AREAS.

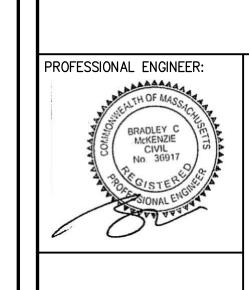
- 1. FOR FITTINGS WITH LESS THAN 45 DEFLECTION, USE BEARING AREAS FOR 45 BEND.
- 2. BEARING AREAS BASED ON HORIZONTAL PASSIVE SOIL PRESSURE OF 2000 P.S.F. AND INTERNAL WATER PRESSURE OF 150 P.S.I.G. JOINTS SHALL NOT BE ENCASED IN CONCRETE. BEARING AREAS MAY BE DIREGARDED FOR TRENCHES IN ROCK WHERE THE TOP OF THE ROCK FACE IS AT OR ABOVE THE CROWN OF THE PIPE. HOWEVER, CONCRETE BACKING SHALL BE PLACED BETWEEN THE PIPE AND THE ROCK FACE.
- 3. THE CONTRACTOR SHALL SUBMIT 2 WEEKS IN ADVANCE OF PLACEMENT, WORKING DRAWINGS FOR EACH THRUST BLOCK TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.
- 4. ALL TEES, GATE VALVES, HYDRANTS AND FITTINGS SHALL BE MECHANICAL JOINTS WITH MEGA-LUGS.
- 5. THRUST BLOCKS SHALL BE BARREL BLOCKS.

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APPLICANT:

GASPAR
265 WILLIS AV
MEDFORD, M. DRAWN BY: DESIGNED BY:

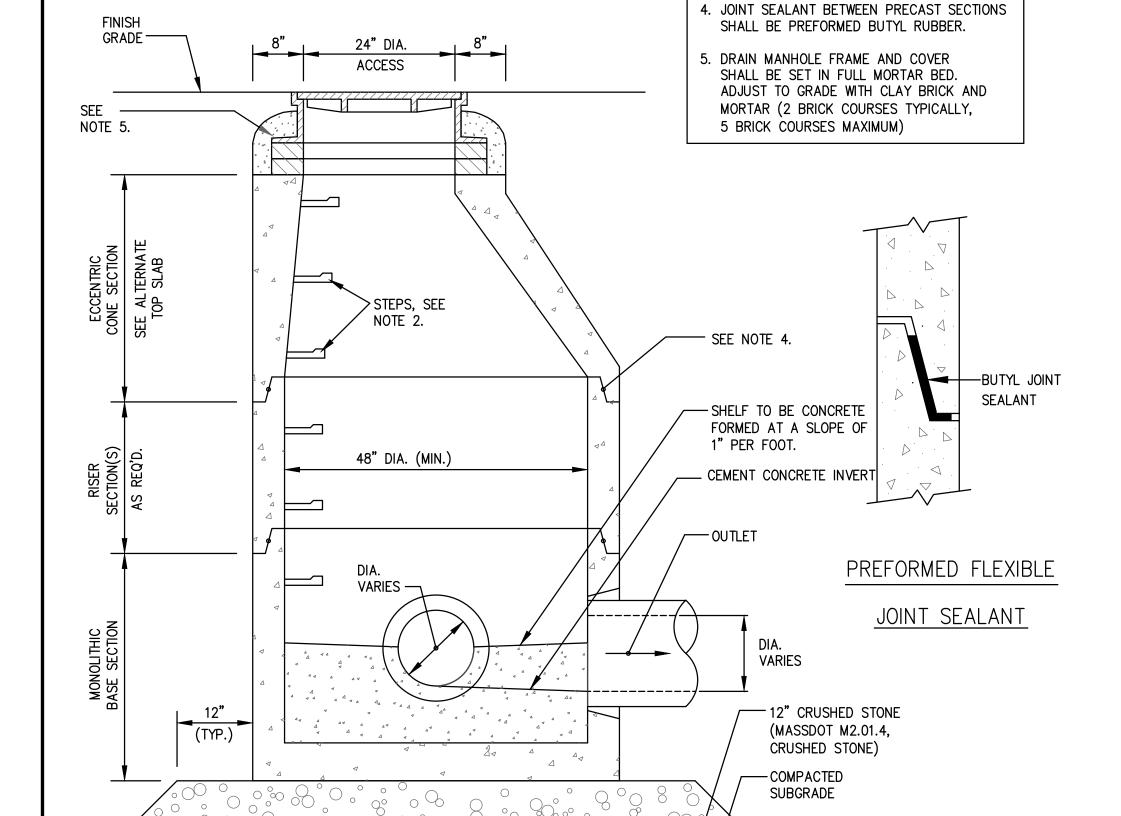
BCM CHECKED BY: APPROVED BY: OCTOBER 23, 2020 PROJECT NO.: 220-163

CONSTRUCTION DETAILS

DWG. NO:

DWG. TITLE:

D-4



DRAIN MANHOLE DETAIL SCALE: N.T.S.

NOTES:

ALL SECTIONS SHALL BE DESIGNED FOR

2. COPOLYMER MANHOLE STEPS SHALL BE

INSTALLED AT 12" O.C. FOR THE FULL

MORTAR ALL PIPE CONNECTIONS.

. PROVIDE "V" KNOCKOUTS FOR PIPES WITH

2" MAX. CLEARANCE TO OUTSIDE OF PIPE.

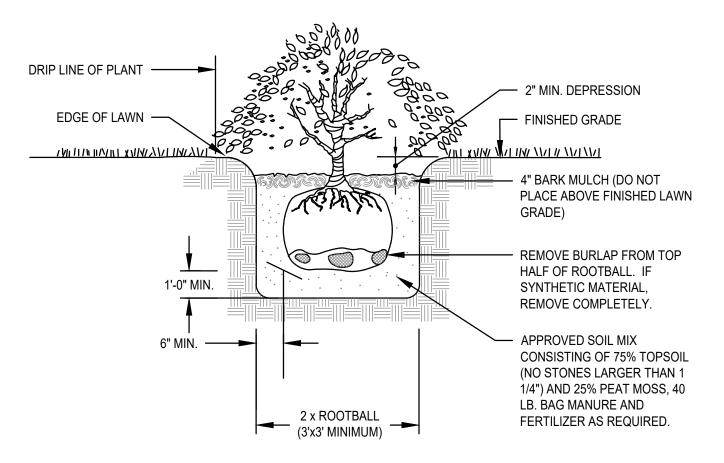
DEPTH OF THE STRUCTURE.

HS-20 LOADING.

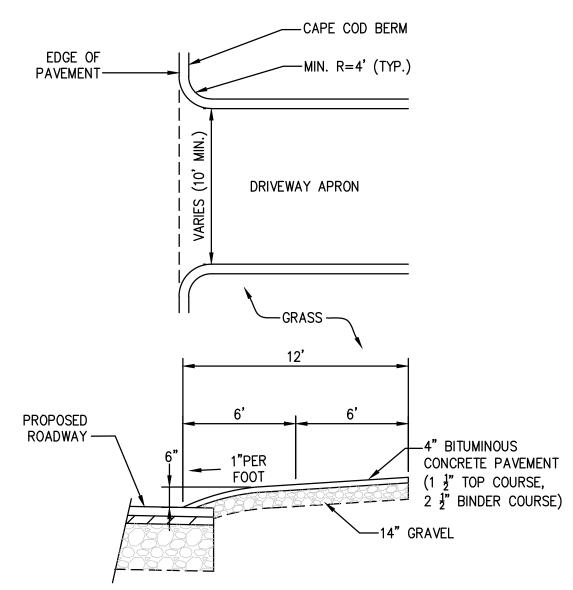
1. NEW TREES SHALL BE NURSERY GROWN AND COMPLY WITH THE ASSOCIATION OF AMERICAN NURSRIES SPECIFICATIONS AND BE AT LEAST 3 INCHES IN CALIPER.

THE PRESERVATION OF EXISTING TREES AND THE VARIETIES OF NEW TREES FOR PLANTING SHALL BE SUBJECT TO THE APPROVAL OF THE PLANNING BOARD WHICH SHALL BE GUIDED BY THE RECOMMENDATION OF THE TOWN'S DIRECTOR OF LANDS AND NATURAL RESOURCES AS TO THE NUMBER, LOCATION, CONDITION AND SPECIES OF SUCH TREES AND UNDER APPENDIX III 0 DETAIL B.

> DECIDUOUS AND EVERGREEN TREE PLANTING DETAIL SCALE: N.T.S.



TYPICAL SHRUB PLANTING DETAIL SCALE: N.T.S.



DRIVEWAY APRON DETAIL SCALE: NOT TO SCALE

SEEDING SPECIFICATIONS

SEEDING RECOMMENDATIONS 1. SEEDBED PREPARATION

- A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.
- B. STONES LARGER THAN FOUR INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT FOUR INCHES TO PREPARE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

2. ESTABLISHING A STAND

A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:

AGRICULTURAL LIMESTONE: 2 TONS PER ACRE OR 100 LBS. PER SQ. FT. NITROGEN (N): 50 LBS. PER ACRE OR 1.1 LBS. PER 1000 SQ. FT. PHOSPHATE (P O): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT. POTASH (K O): 100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.

(NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5-10-10 FERTILIZER)

- B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING, AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH 0.25 INCH OF SOIL OR LESS, BY CULTIVATING OR RAKING.
- C. REFER TO SEEDING RATES AND SEEDING GUIDES FOR APPROPRIATE SEED MIXTURES AND RATES OF SEEDING.
- D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.

3. MULCH

- A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER
- B. MULCH WILL BE HELD IN PLACE USING TECHNIQUES AS SPECIFIED IN THE "BEST MANAGEMENT PRACTICES OPERATION AND MAINTENANCE PLAN"

4. MAINTENANCE TO ESTABLISH A STAND

- A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.
- B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.
- C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

-	<u>USE</u>	MIXTURE 1/
!	STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	E
;	WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER	D
I	LAWN AREAS	F

SEEDING GUIDE

TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

SEEDING RATES

POUND / ACRE

TEMPORARY SEEDING RATES

SEEDING

1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION

A. TALL FESCUE

REDTOP

TOTAL

TOTAL

TOTAL

REDTOP

TOTAL

E. TALL FESCUE

FLATPEA

G. TALL FESCUE 1/

H. WINTER RYE

TOTAL

ANNUAL RYEGRASS

TOTAL

C. TALL FESCUE

B. TALL FESCUE

CREEPING RED FESCUE

CREEPING RED FESCUE

CREEPING RED FESCUE

BIRDSFOOT TREFOIL

REED CANARY GRASS

F. CREEPING RED FESCUE 1/

KENTUCKY BLUEGRASS 1/

D. BIRDSFOOT TREFOIL

BIRDSFOOT TREFOIL

POUNDS / 1,000 S.F.

0.45

0.35

0.25

0.35

0.95

0.45

0.20

1.10

0.25

0.10

0.35

0.70

0.45

0.75

1.20

2.00

2.00

4.00

3.60

2.50 (BEST FOR FALL SEEDING, AUG 15 TO SEPT. 5)

2.00 (BEST FOR SPRING SEEDING, BEFORE MAY 15)

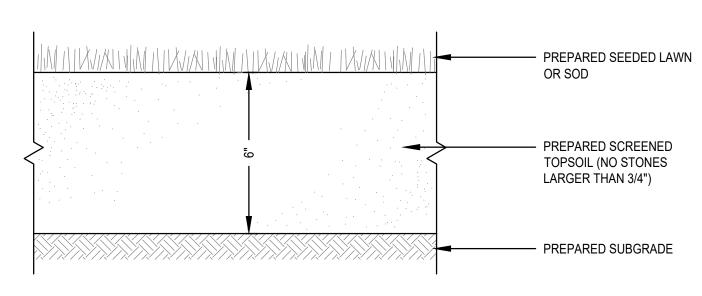
5.50 (MAY BE USED EARLY SPRING ALSO)

1.00 (BEST FOR FALL SEEDING, AUG 15 TO SEPT. 15)

NOTES:

- 1. TOP OF LOAM (TOPSOIL) IS FINISHED GRADE.
- 2. TOPSOIL SHALL CONTAIN BETWEEN 5% AND 12% ORGANIC MATTER AND SHALL HAVE A MAXIMUM STONE SIZE OF 3/4" AND SHALL CONFORM TO THE FOLLOWING GRADATION:

SIEVE	% PASSII
1 1/4 INCH	100
No.4	85-100
No.40	60-85
No.100	38-60
No.200	28-40



SEEDED OR SODDED LAWN DETAIL

SCALE: N.T.S.

DWG. NO: D-5

CONSTRUCTION

DETAILS

DRAWN BY:

DESIGNED BY:

CHECKED BY:

APPROVED BY:

PROJECT NO.:

DWG. TITLE:

ESS

ESS

BCM

BCM

220-163

OCTOBER 23, 2020

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EROSION AND SEDIMENTATION CONTROL

- WIDELY ACCEPTED PRACTICES FOR REDUCING EROSION AND SEDIMENTATION WILL BE EMPLOYED IN THE DEVELOPMENT OF THIS SITE.
- THE DEVELOPMENT OF THE SITE HAS BEEN PLANNED TO ENHANCE THE EXISTING TOPOGRAPHY AND VEGETATIVE COVER. ALL NATURAL DRAINAGE PATTERNS OF THE SITE HAVE BEEN MAINTAINED.
- 3. STEEP SLOPES, WHERE POSSIBLE, WILL NOT BE DISTURBED.
- 4. NATURAL WATERWAYS WILL BE PRESERVED AND PROTECTED. AND EXISTING VEGETATION WILL BE RETAINED AND PROTECTED TO THE EXTENT POSSIBLE.
- 5. THE ROADWAY CONFORMS TO EXISTING LAND CONTOURS WHERE PRACTICAL
- 6. THE CONTRACTOR SHALL MINIMIZE THE AREA OF DISTURBED LAND TO THE EXTENT FEASIBLE.
- SEDIMENT CONTROL MEASURES WILL BE APPLIED TO CONTROL ANY SEDIMENTS THAT MAY BE PRODUCED AS A RESULT OF SITE CONSTRUCTION ACTIVITIES. EROSION AND DEPOSITION OF SEDIMENT WILL BE CLOSELY MONITORED DURING CONSTRUCTION.
- TEMPORARY EROSION CONTROL MEASURES WILL INCLUDE, BUT NOT BE LIMITED TO, HAY BALE CHECK DAMS, SEDIMENT FOREBAYS, STABILIZED CONSTRUCTION ENTRANCES, FILTER FABRIC SILT FENCES, SEEDING AND MULCHING, AND SEEDED FILTER STRIPS.
- TOPSOIL STRIPPED FROM CUT AND FILL AREAS WILL BE STOCKPILED FOR LOAMING AND SEEDING AT LATER CONSTRUCTION STAGES. THE STOCKPILES SHALL BE LOCATED SO AS TO ACT AS TEMPORARY DIVERSIONS, GENERALLY ON THE UPHILL SLOPE.
- 10. ALL CUT AREAS LOCATED AT TOES OF SLOPES AND DITCHES THAT HAVE GRADES EXCEEDING 5%%% SHALL BE STABILIZED WITH RIP-RAP. THE RIP-RAP SHALL CONSIST OF 50%% STONES GREATER THAN 6" IN SIZE. SWALES SHALL BE 6" IN DEPTH AND APPROXIMATELY 5' IN WIDTH. ALL SLOPES WILL BE BLENDED INTO THE EXISTING TOPOGRAPHY TO MINIMIZE IMPACT.
- 11. SITE DEVELOPMENT WILL NOT COMMENCE UNTIL ALL TEMPORARY EROSION CONTROL MEASURES ARE IN PLACE. THESE MEASURES SHALL BE EMPLOYED UNTIL FINAL PAVING AND ADEQUATE VEGETATION HAS BEEN ESTABLISHED.
- 12. REFER TO CONSTRUCTION PHASE BEST MANAGEMENT PRACTICES AS SPECIFIED IN "BEST MANAGEMENT PRACTICES OPERATION AND MAINTENANCE PLAN" PREPARED BY MCKENZIE ENGINEERING GROUP, INC. FOR STRUCTURAL STABILIZATION AND DUST CONTROL EROSION AND SEDIMENTATION CONTROL MEASURES.
- 13. STABILIZATION PRACTICES UTILIZED FOR THE PROJECT WILL INCLUDE TEMPORARY SEEDING, GEOTEXTILES (JUTE MESTH), MULCHING, AND PERMANANT SEEDING.

CONSTRUCTION PHASE BMP OPERATION & MAINTENANCE:

STRUCTURAL PRACTICES UTILIZED FOR THE PROJECT WILL INCLUDE SILT SOCK EROSION CONTROL BARRIERS, STABILIZED CONSTRUCTION ENTRANCES, TEMPORARY DIVERSION SWALES WITH CHECK DAMS, TEMPORARY SEDIMENT BASINS, AND INLET PROTECTION.

STABILIZATION PRACTICES UTILIZED FOR THE PROJECT WILL INCLUDE TEMPORARY SEEDING, GEOTEXTILES (JUTE MESH), MULCHING, AND PERMANENT SEEDING.

OPERATOR PERSONNEL AND/OR ITS CONSULTANTS MUST INSPECT THE CONSTRUCTION SITE AT LEAST ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT OF 1/2 INCH OR GREATER. THE INSPECTOR SHOULD REVIEW THE EROSION AND SEDIMENT CONTROLS WITH RESPECT TO THE FOLLOWING:

- A. WHETHER OR NOT THE BMP WAS INSTALLED/PERFORMED CORRECTLY. B. WHETHER OR NOT THERE HAS BEEN DAMAGE TO THE BMP SINCE IT WAS
- INSTALLED OR PERFORMED. C. WHAT SHOULD BE DONE TO CORRECT ANY PROBLEMS WITH THE BMP.

THE INSPECTOR SHALL COMPLETE THE INSPECTION SCHEDULE AND EVALUATION CHECKLIST FOR FINDINGS AND SHOULD REQUEST THE REQUIRED MAINTENANCE OR REPAIR. THE CHECKLIST IS PROVIDED WITHIN THE OPERATION AND MAINTENANCE PLAN.

- THE TEMPORARY SEDIMENT BASINS SHALL BE INSPECTED AND CLEANED IF REQUIRED PRIOR TO ANY PREDICTED LARGE STORM EVENT.
- ALL SLOPES EXCEEDING 15% RESULTING FROM SITE GRADING SHALL BE BOTH COVERED WITH FOUR INCHES OF TOPSOIL AND PLANTED WITH A VEGETATED COVER SUFFICIENT TO PREVENT EROSION.

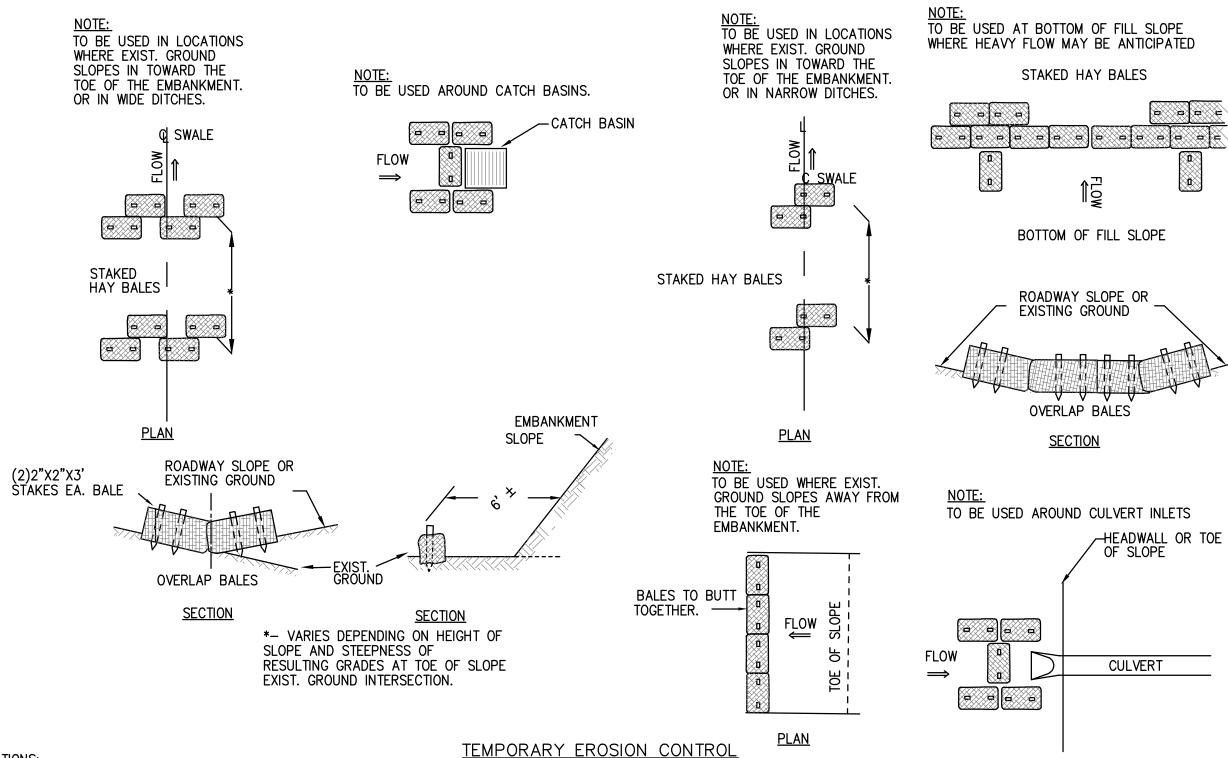
CATCH BASIN GRATE

SILTSACK

EXPANSION RESTRAINT

SECTION VIEW

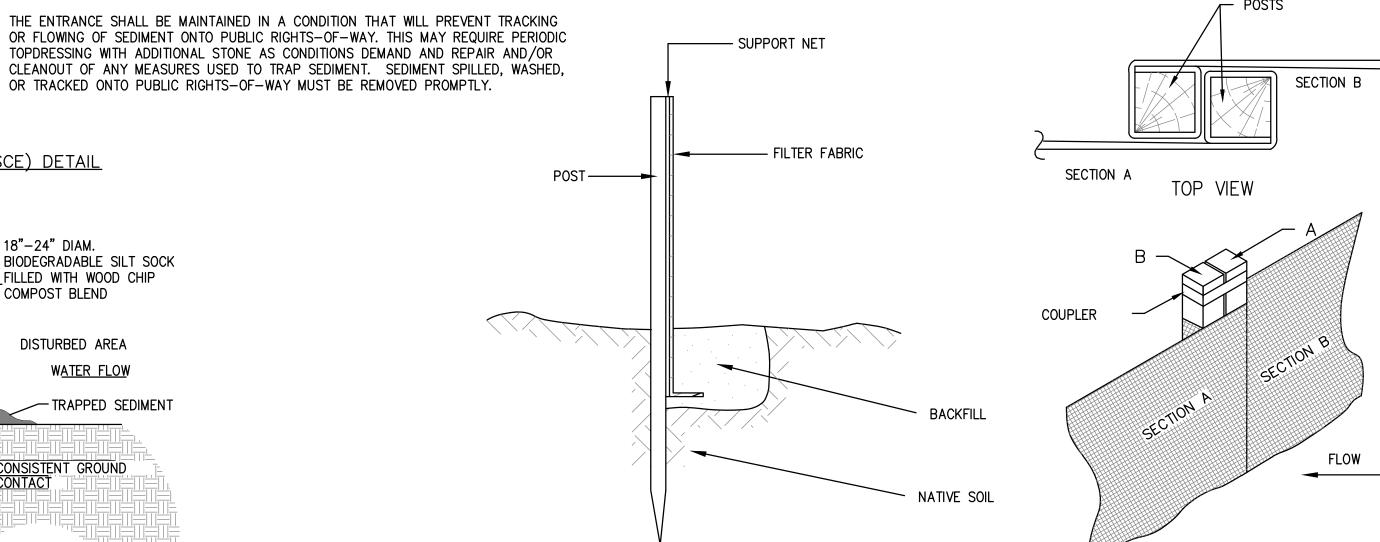
FIELD VARIABLE . NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS. 2. THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN. → 1' OVERLAP -SECURE FABRIC WITH NON-WOVEN EROSION CONTROL STAPLES GEOTEXTILE FILTER FABRIC -FILTER FABRIC MIRAFI 140N (OR APPROVED EQUAL) -WOODEN STAKES, 2 PER BALE STAKED HAY BALES-——DISCHARGE HOSE PLAN VIEW -SECURE HOSE FILTER FABRIC (MIRAFI 140N DISCHARGE OR APPROVED EQUAL)-—DISCHARGE HOSE **CROSS-SECTION** DEWATERING HAYBALE BASIN DETAIL SCALE: N.T.S.



SCALE: N.T.S.

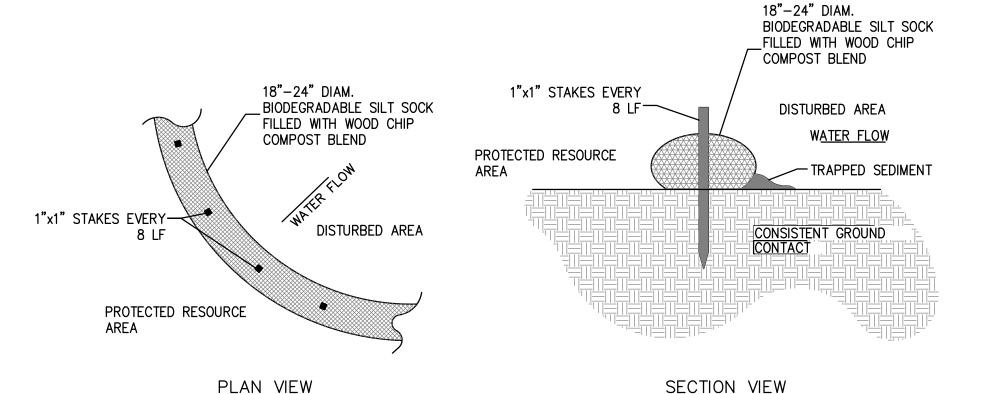
(SCE) CONSTRUCTION SPECIFICATIONS:

- 1. STONE FOR A STABILIZATION CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE.
- 2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT A 30 FOOT MINIMUM LENGTH WOULD APPLY.
- 3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
- 4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN A FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICH EVER IS GREATER.
- 5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
- 6. ALL SURFACE WATER THAT IS FLOWING TO OR DEVERTED TOWARDS THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
- 7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. SEDIMENT SPILLED, WASHED,



STABILIZED CONSTRUCTION ENTRANCE (SCE) DETAIL SCALE: N.T.S.

EXISTING PAVEMENT



SILT SACK SEDIMENT TRAP CONTRUCTION NOTES:

- 1. INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND HAY BALES HAVE BEEN REMOVED.
- 2. GRATE TO BE PLACED OVER SILTSACK.

PLAN VIEW

1" REBAR FOR

BAG REMOVAL

CATCH BASIN

SILTSACK

3. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED

CONSTRUCTION NOTES:

<u>50' MINIMUN</u>

<u>PROFILE</u>

<u>50' MINIMUM</u>

TO 2" COARSE AGGREGATE

<u>PLAN VIEW</u>

GEOTEXTILE FILTER FABRIC

- 1) SILT SOCKS SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY
- ABUTTING OR LAPPING THE ADJACENT SECTIONS. 2) SILT SOCKS SHALL BE SECURELY ANCHORED IN PLACE BY
- STAKES OR RE-BARS DRIVEN EVERY 8 LF.
- 3) INSPECTION SHALL BE FREQUENT, AND REPAIR OR
- REPLACEMENT SHALL BE MADE PROMPTLY AS REQUIRED. 4) SILT SOCKS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

CONSTRUCTION NOTES:

- 1) WOVEN WIRE FENCE TO BE FASTENED SECURELY TO
- FENCE POSTS WITH WIRE TIES OR STAPLES. 2) FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP
- AND MID SECTION. 3) WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH
- OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES AND FOLDED. 4) MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL

REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

SILTATION FENCE

NOTES:

1. INSTALL SILTSACK IN ALL CATCH BASINS WHERE INDICATED ON THE PLAN BEFORE COMMENCING WORK OR IN PAVED AREAS AFTER BINDER COURSE IS PLACED AND HAY BALES HAVE BEEN REMOVED.

JOINING SECTIONS OF SILTATION FENCE

- 2. GRATE TO BE PLACED OVER SILTSACK.
- 3. SILTSACK SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND CLEANING OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED. MAINTAIN UNTIL UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED.

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PROFESSIONAL ENGINEER:

APPLI GA 265 ' MED DRAWN BY: DESIGNED BY: ESS BCM

CHECKED BY: APPROVED BY: BCM OCTOBER 23, 2020 SCALF: PROJECT NO.: 220-163 DWG. TITLE:

CONSTRUCTION

DETAILS

DWG. NO: D-6

SILTSACK SEDIMENT TRAP SCALE: N.T.S.

SILT SOCK DETAIL

SCALE: N.T.S.

SCALE: N.T.S.