

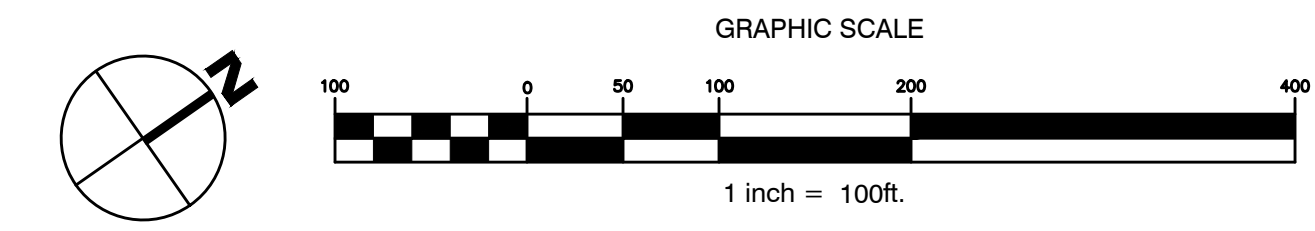


YORK HIGH SCHOOL TENNIS COURTS DEMOLITION & RECONSTRUCTION
FOR
YORK SCHOOL DEPARTMENT
1 ROBERT STEVENS DRIVE
YORK, MAINE 03909
489 U.S. ROUTE ONE
YORK, MAINE 03909

- PLAN REFERENCES:
1. TOPOGRAPHIC AND PROPERTY BOUNDARY INFORMATION TAKEN FROM A COMPILATION OF THE FOLLOWING:
 - 1.1. A PLAN TITLED "BOUNDARY SURVEY FOR YORK HIGH SCHOOL", PREPARED BY PDT ARCHITECTS OF 49 DARTMOUTH STREET PORTLAND, MAINE 04101 & CASCO BAY ENGINEERING OF 424 FORE STREET PORTLAND, MAINE 04101, DATED JULY 24, 2009.
 - 1.2. A PLAN TITLED "WATERSHED PLAN", PREPARED BY ANDERSON LIVINGSTON ENGINEERS, INC. OF SUITE 401 COTTAGE PLACE, 433 II U.S. ROUTE ONE, YORK, MAINE 03909, DATED AUG. 6, 2009.
 - 1.3. CONTOUR ELEVATION BASED ON LIDAR DATA OBTAINED FROM MAINE OFFICE OF GIS.
 - 1.4. CONTOUR ELEVATION AT AND AROUND THE TENNIS COURTS IS BASED ON AN ON THE GROUND GPS SURVEY AND DRONE PHOTOGRAMMETRY BY WALSH ENGINEERING ASSOCIATES ON APRIL 1, 2020.
 - 1.5. BOUNDARY LINES SHOWN ON THIS PLAN ARE APPROXIMATE.
 - 1.6. WETLANDS & SETBACKS (PER YORK ZONING - ARTICLE VIII 5.8.3.1.1.2) FROM PLAN OF Y.H.S. MUSIC WING ADDITION, SITE LOCATION OF DEVELOPMENT PLAN, C1.4 BY CASCO BAY ENGINEERING, DATED 7.24.09. WETLANDS BY STANTEC, JULY, 2009.

LEGEND

EXISTING	
	APPROX. PROPERTY LINE
	ABUTTING PROPERTY LINE
	INTERMEDIATE CONTOUR
	INDEX CONTOUR
	WETLANDS
	WETLANDS SETBACK



Rev.	Date	Description	Drawn	Check
1	6/1/2020	ISSUED FOR BIDDING	JWG	SWC

Sheet Title:
Overall Existing Conditions Plan

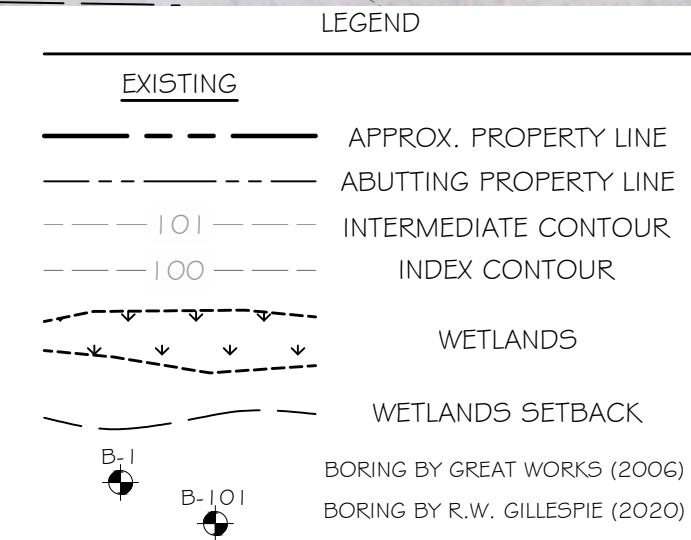
Job No.: 509 Sheet No.:
Date: 6/1/2020
Scale: 1" = 100'
Drawn: JWG
Checked: SWC

C1.0

DATE: 6/1/2020 10:58:00 AM FILE: C:\Users\jcanavan\Documents\2020\1000\1000.dwg PLOT DATE: 6/1/2020 10:58:00 AM



- REMOVALS NOTES / KEY:**
1. REMOVE EX. NETS / POSTS. FINAL DISPOSITION NETS TBD. BY OWNER.
 2. REMOVE & DISPOSE OF EX. FENCE & GATE.
 3. REMOVE & PROPERLY DISPOSE OF ALL BITUMINOUS PAVEMENT.
 4. EXISTING BASE & SUBBASE / SUBGRADE MATERIAL TO BE REMOVED TO PROPOSED SUBGRADE DEPTHS, MATERIAL WHICH MEETS GRADATION CRITERIA FOR RE-USE AS SUBBASE MATERIAL MAY BE SEPARATED, STOCKPILED & TESTED. ANY PASSING MATERIAL SHALL ONLY BE USED IN THE BOTTOM OF THE SUBBASE SECTION OR ADJACENT FILL OUTSIDE OF COURT FOOTPRINT. (REFER TO PROJECT SPECIFICATIONS)



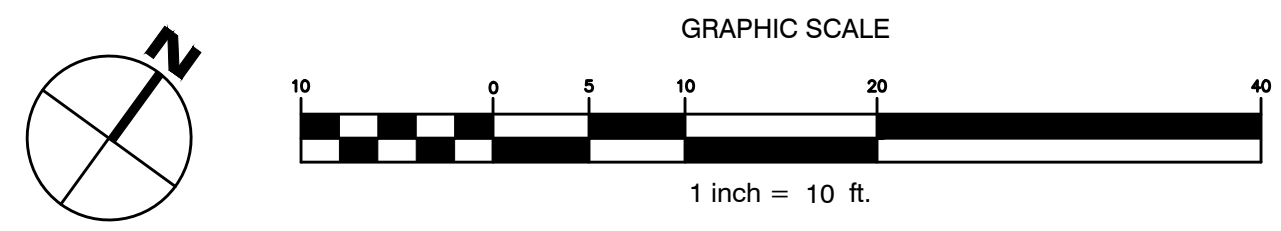
YORK HIGH SCHOOL TENNIS COURTS DEMOLITION & RECONSTRUCTION
1 ROBERT STEVENS DRIVE
YORK, MAINE 03909
FOR
YORK SCHOOL DEPARTMENT
488 U.S. ROUTE ONE
YORK, MAINE 03909

Rev.	Date	Description	Drawn	Check
1	6/1/2020	ISSUED FOR BIDDING	JWG	SWC

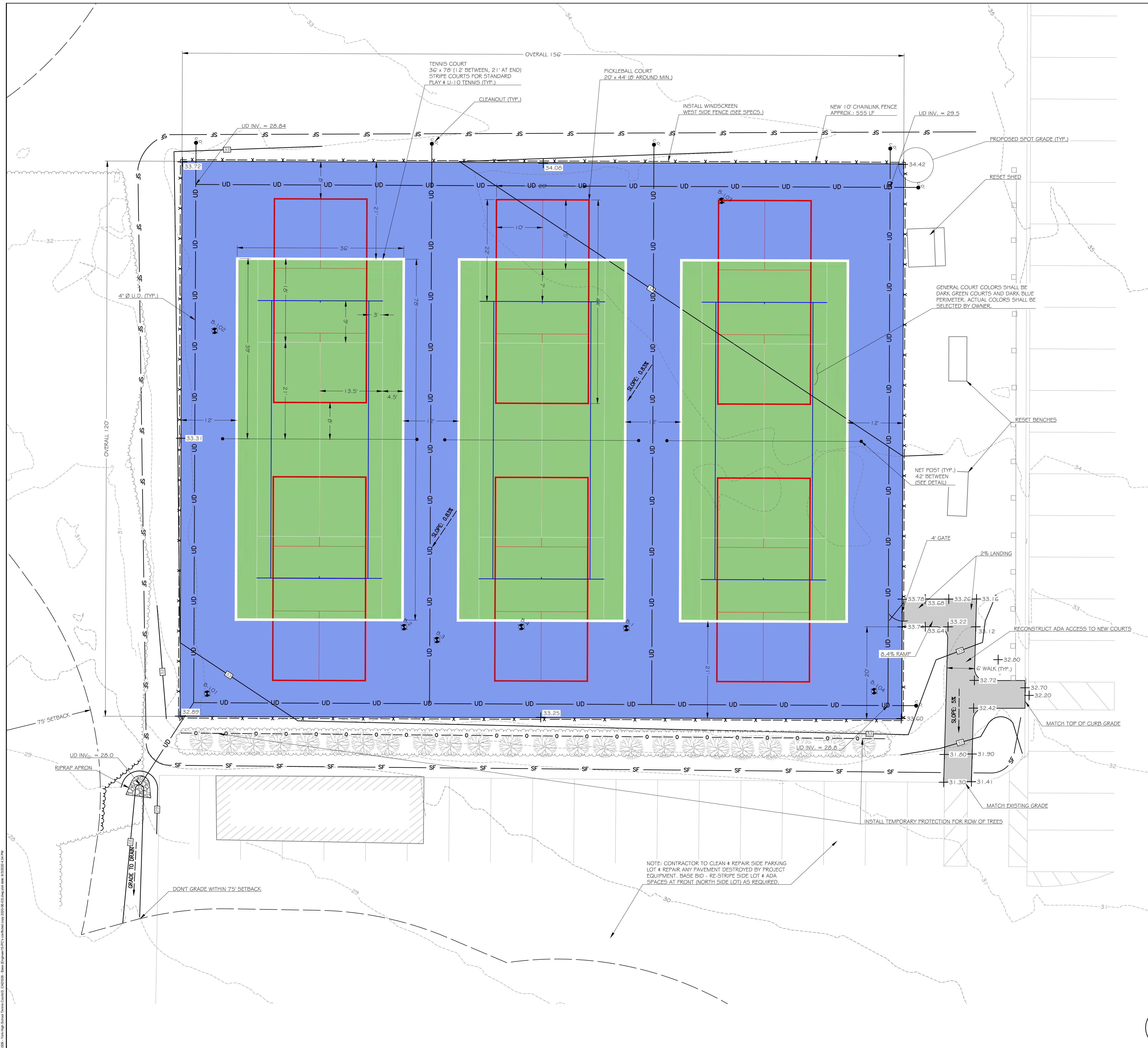
Sheet Title:
Existing Conditions & Removals Plan

Job No.: 509 Sheet No.:
Date: 6/1/2020
Scale: 1" = 100'
Drawn: JWG
Checked: SWC

C1.1



2020: York High School Tennis Courts Demolition & Reconstruction - Existing Conditions & Removals Plan - 6/1/2020 - 10:34 AM

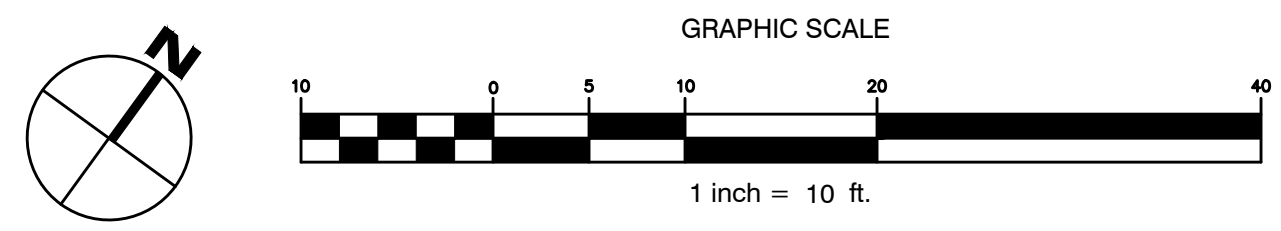


EXISTING	PROPOSED
	PROPERTY LINE
	WETLANDS
	WETLAND SETBACK
	INTERMEDIATE CONTOUR
	INDEX CONTOUR
	SPOT GRADE
	FLOW ARROW
	SHED / BENCH
	TREELINE
	NET POST
	SILT FENCE OR EROSION CONTROL MIX BERM
	FENCE METAL
	EDGE OF PAVEMENT
	BITUMINOUS CURB
	TENNIS COURT
	OUT-OF-BOUNDS PAVEMENT
	TENNIS COURT LINES
	U-10 COURT LINES
	PICKLEBALL COURT LINES
	UNDERDRAIN CLEANOUT

- CONSTRUCTION GENERAL NOTES:**
- THESE PLANS ARE ACCOMPANIED BY THE YORK HIGH SCHOOL TENNIS COURT DEMOLITION AND RECONSTRUCTION PROJECT - PROJECT MANUAL AND SPECIFICATIONS ("PROJECT MANUAL" OR "SPECIFICATIONS") DATED JUNE 01, 2020. THE PROJECT MANUAL INCLUDES REFERENCE TO GEOTECHNICAL INFORMATION PERFORMED BY R.W. GILLESPIE & ASSOCIATES AS AN APPENDIX.
 - CONTRACTOR SHALL INCLUDE REMOVAL OF EXISTING COURT BIT, PAVEMENT SURFACES, BASE AND SUBBASE MATERIALS TO PROPOSED NEW SUBGRADE DEPTH AND PROFFROLLING PER PLANS AND SPECIFICATIONS. IT IS ANTICIPATED THAT APPROXIMATELY TWO (2) FEET OF UPPER LAYER EXISTING SUBBASE GRAVELLY SAND FILL MATERIAL MAY BE SUITABLE FOR RE-USE AS PROJECT PAVEMENT SUBBASE MATERIAL. CONTRACTOR SHALL SEGREGATE AND STOCKPILE MATERIAL FOR TESTING TO DETERMINE SUITABILITY WITH PROJECT SPECIFICATIONS. BASE BID TO INCLUDE REMOVAL AND REPLACEMENT OF FULL PROJECT PAVEMENT/BASE/SUBBASE DEPTH TO SUBGRADE PER PLAN DETAILS AND SPECIFICATIONS. A CREDIT TO THE OWNER SHALL BE APPLIED TO THE BASE BID PRICE FOR ANY RE-USABLE PROJECT SUBBASE STOCKPILED MATERIAL. REFER TO SPECIFICATIONS.
 - UNSUITABLE SUBGRADE MATERIALS TO BE REMOVED AS DIRECTED BY THE ENGINEER AND REPLACED WITH COMPACTED MOOT GRANULAR BORROW OR SUBBASE GRAVEL. REFER TO SPECIFICATIONS.
 - CONTRACTOR MAY REQUIRE REMOVAL AND REPLACEMENT OF WOOD GUARDRAIL SECTIONS ON NORTH SIDE OF COURTS TO ACCESS SITE. GUARDRAIL REPLACEMENT AND LOAMING AND SEEDING OF DISTURBED AREAS TO BE INCIDENTAL TO CONTRACT.
 - CONTRACTOR MAY USE EAST SIDE PARKING LOT FOR LAYDOWN AND WORK AREA TAKING CARE TO MINIMIZE DAMAGE TO PAVEMENT. PARKING AREA TO BE CLEANED AND RE-STRIPED AT COMPLETION OF CONSTRUCTION. NO WORK TO IMPACT FIELD HOCKEY FIELD.
 - CONTRACTOR TO PROTECT AND AVOID DAMAGE TO EXISTING HEDGE ON EAST SIDE OF COURTS. DAMAGED TREES/SHRUBS SHALL BE REPLACED INCIDENTAL TO THE CONTRACT.
 - NO UTILITIES ARE PROPOSED FOR THIS PROJECT.
 - APPROXIMATE LIMITS OF WORK ARE REPRESENTED BY SILT FENCE. ACTUAL LIMITS OF WORK MAY VARY SLIGHTLY BASED ON FIELD CONDITIONS AND ACCESS.
 - FINAL COURT STRIPING AND COLORS TO BE REVIEWED WITH APPROVED BY OWNER PRIOR TO APPLICATION. REFER TO SPECIFICATIONS.

YORK HIGH SCHOOL TENNIS COURTS DEMOLITION & RECONSTRUCTION
1 ROBERT STEVENS DRIVE
YORK, MAINE 03909
FOR
YORK SCHOOL DEPARTMENT
489 U.S. ROUTE ONE
YORK, MAINE 03909

Rev.	Date	Description	Drawn	Check
1	6/1/2020	ISSUED FOR BIDDING	JWG	SWC



EROSION AND SEDIMENTATION CONTROL NOTES:

INTRODUCTION

THE FOLLOWING PLAN FOR CONTROLLING SEDIMENTATION AND EROSION IN THIS PROJECT IS BASED ON CONSERVATION PRACTICES FOUND IN THE MAINE EROSION & SEDIMENT CONTROL BMPs MANUAL, MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 2003, OR LATEST EDITION. THE CONTRACTOR WHO IMPLEMENTS THIS PLAN SHALL BE FAMILIAR WITH THIS PUBLICATION AND ADHERE TO IT AND THE PRACTICES PRESENTED HEREIN.

REFERENCE IS MADE TO THE GRADING AND DRAINAGE PLANS (C3.0) WITHIN THE PLAN SET, SHOWING THE LOCATIONS AND TYPES OF PROPOSED MEASURES TO BE IMPLEMENTED.

GENERAL EROSION AND SEDIMENTATION CONTROL PRACTICES

THE FOLLOWING IS A LIST OF GENERAL EROSION CONTROL PRACTICES THAT WILL BE USED TO PREVENT EROSION AND SEDIMENTATION BEFORE, DURING AND AFTER THE CONSTRUCTION OF THIS PROJECT. IN ADDITION, SPECIAL CARE SHALL BE USED AT ALL TIMES TO:

LIMIT DISTURBANCE AND, HENCE, EROSION

- 1) CORRECT ANY EROSION PROBLEMS IMMEDIATELY
- 2) REGULARLY MONITOR THE IMPLEMENTED PRACTICES, ESPECIALLY AFTER EVERY RAINFALL
- 3) REVEGETATE DISTURBED AREAS AS SOON AS POSSIBLE AFTER CONSTRUCTION
- 4) CONFORM TO ALL REQUIREMENTS/STANDARDS OF THE SITE'S MAINE DEP EROSION & SEDIMENT CONTROL BMP MANUAL.

SILT FENCE AND/OR EROSION CONTROL MIX SEDIMENT BARRIERS

SILT FENCE AND/OR EROSION CONTROL MIX SEDIMENT BARRIERS WILL BE INSTALLED ALONG THE DOWN GRADIENT SIDE OF THE PROPOSED GROUND DISTURBANCE AREAS PRIOR TO ANY CONSTRUCTION ACTIVITIES.

STABILIZED CONSTRUCTION ENTRANCE

A CRUSHED STONE CONSTRUCTION ENTRANCE WILL BE INSTALLED AT THE SITE ENTRANCE AND MAINTAINED UNTIL THE SUBBASE GRAVEL HAS BEEN INSTALLED AND COMPACTED. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED THROUGHOUT THE PROJECT. MATERIAL TRACKED ONTO HUTCHERSON DRIVE SHALL BE SWEEP DAILY.

CONSTRUCTION PHASE

THE FOLLOWING GENERAL PRACTICES WILL BE IMPLEMENTED TO PREVENT EROSION DURING CONSTRUCTION ON THIS PROJECT:

1. ONLY THOSE AREAS UNDER ACTIVE CONSTRUCTION WILL BE CLEARED AND LEFT IN AN UNTREATED OR UNVEGETATED CONDITION. ONCE CONSTRUCTION OF AN AREA IS COMPLETE, FINAL GRADING, LOAMING AND SEEDING SHALL OCCUR IMMEDIATELY (REFER TO "POST CONSTRUCTION REVEGETATION" SECTION). IF DURING FINAL GRADING, LOAMING AND SEEDING CAN NOT OCCUR IMMEDIATELY, IT SHALL BE DONE PRIOR TO ANY STORM EVENT AND WITHIN 15 DAYS OF COMPLETING CONSTRUCTION IN THE AREA. IF FINAL GRADING, LOAMING AND SEEDING CANNOT OCCUR WITHIN 7 DAYS, OR IF THE AREA IS NOT UNDER ACTIVE CONSTRUCTION FOR A PERIOD LONGER THAN 7 DAYS, SEE ITEM NO. 4 BELOW.
2. PRIOR TO THE START OF CONSTRUCTION IN A SPECIFIC AREA, SILT FENCING SHALL BE INSTALLED ON DOWNGRADIENT PORTIONS OF THE SITE AS LOCATED ON THE PLANS TO PROTECT AGAINST ANY CONSTRUCTION RELATED EROSION.
3. TOPSOIL WILL BE STOCKPILED WHEN NECESSARY IN AREAS WHICH HAVE MINIMUM POTENTIAL FOR EROSION AND WILL BE KEPT AS FAR AS POSSIBLE FROM EXISTING DRAINAGE AREAS AND WETLANDS. ALL STOCKPILES EXPECTED TO REMAIN LONGER THAN 7 DAYS SHALL BE:
 - A. TREATED WITH ANCHORED MULCH (WITHIN 5 DAYS OF THE LAST DEPOSIT OF STOCKPILED SOIL).
 - B. SEEDDED WITH CONSERVATION MIX AND MULCHED IMMEDIATELY.

STOCKPILES SHALL BE EITHER PLACED UPHILL OF AN EXISTING SEDIMENT BARRIER ON THE SITE OR ENCIRCLED BY A HAY BALE OR SILT FENCE BARRIER THE FIRST DAY THAT STOCKPILING COMMENCES.

4. ALL DISTURBED AREAS EXPECTED TO REMAIN LONGER THAN 7 DAYS SHALL BE:
 - A. TREATED WITH STRAW AT A RATE OF 70-90 LBS. PER 1,000 SQUARE FEET FROM 4/16 TO 1/01", OR AT A RATE OF 150-200 LBS. PER 1,000 SQUARE FEET FROM 1/01" TO 4/15".
 - B. SEEDDED WITH CONSERVATION MIX OF PERENNIAL RYE GRASS (1.0 LBS/1000 SQ.FT.) AND MULCHED IMMEDIATELY. FROM 1/01 TO 4/15, FOLLOW THE SEEDING RATES AS OUTLINED BELOW IN SUB-SECTION 4.D. OF THE "POST CONSTRUCTION REVEGETATION" SECTION.
 - C. MONITORED EVERY TWO WEEKS UNTIL SEEDING CAN OCCUR AND REMULCHED AS NEEDED TO PROTECT SLOPES.
5. ALL GRADING WILL BE HELD TO A MAXIMUM 3:1 SLOPE WHERE PRACTICAL. GREATER SLOPES MAY BE USED WHERE THE BANKS ARE PROTECTED WITH SOFT ARMOUR MATTING, EROSION CONTROL MATTING, OR RIPRAP. ALL SLOPES WILL BE STABILIZED WITH PERMANENT SEEDING IMMEDIATELY AFTER FINAL GRADING IS COMPLETE. (IT IS UNDERSTOOD THAT IMMEDIATELY MEANS WITHIN 5 DAYS OF THE COMPLETION OF WORK. SEE POST-CONSTRUCTION REVEGETATION FOR SEEDING SPECIFICATIONS.)
6. CONSTRUCTION TRAFFIC WILL BE DIRECTED OVER THE EXISTING SITE ENTRANCE. THE ROAD SHALL BE SWEEP DAILY SHOULD SEDIMENT BE TRACKED ONTO IT.

DEWATERING

1. ALL DEWATERING DISCHARGE LOCATIONS SHALL BE LOCATED ON RELATIVELY FLAT GROUND AT LEAST 75' FROM STREAMS AND 25' FROM WETLANDS. THE CONTRACTOR SHALL UTILIZE DIRT BAGS, EROSION CONTROL MIX BERMS, OR SIMILAR METHODS FOR FILTRATION OF DEWATERING AND SHALL CONFORM TO THE MAINE EROSION AND SEDIMENT CONTROL BMPs G-1, G-2, AND G-3.

POST CONSTRUCTION REVEGETATION

THE FOLLOWING GENERAL PRACTICES WILL BE IMPLEMENTED TO PREVENT EROSION AS SOON AS AN AREA IS READY TO UNDERGO FINAL GRADING:

1. A MINIMUM OF 6" OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND GRADED TO A UNIFORM DEPTH AND NATURAL APPEARANCE.
2. LAWN AREAS: "PARK MIX" GRASS SEED BY ALLEN, STERLING & LOTHROP (PALMOUTH, MAINE), OR APPROVED EQUAL.
3. MULCH SHALL BE HAY OR STRAW MULCHES THAT ARE DRY AND FREE FROM UNDESIRABLE SEEDS AND COARSE MATERIALS.
 - A. APPLICATION RATE MUST BE 2 BALES (70-90 LBS.) PER 1,000 SQUARE FEET OR 1.5 TO 2 TONS (90-100 BALE) PER ACRE TO COVER 75 TO 90% OF THE GROUND SURFACE.
 - B. DRIVE OVER WITH TRACKED CONSTRUCTION EQUIPMENT ON GRADES OF 5% AND LESS.
 - C. BLANKET WITH TACKED PHOTODEGRADABLE/BIODEGRADABLE NETTING ON GRADES GREATER THAN 5%.
4. HYDRO-MULCH SHALL CONSIST OF A MIXTURE OF ASPHALT, WOOD FIBRE OR PAPER FIBRE AND WATER, WHICH IS SPRAYED OVER A SEEDED AREA. HYDRO-MULCH SHALL NOT BE USED BETWEEN 1/01 AND 4/15.
5. CONSTRUCTION SHALL BE PLANNED TO ELIMINATE THE NEED FOR SEEDING BETWEEN OCTOBER 1ST AND APRIL 15TH. SHOULD SEEDING BE NECESSARY BETWEEN THESE DATES, THE FOLLOWING PROCEDURE SHALL BE FOLLOWED:
 - A. ONLY UNFROZEN LOAM SHALL BE USED.
 - B. LOAMING, SEEDING AND MULCHING WILL NOT BE DONE OVER SNOW OR ICE COVER. IF SNOW EXISTS, IT MUST BE REMOVED PRIOR TO PLACEMENT OF SEED.
 - C. WHERE PERMANENT SEEDING IS NECESSARY, ANNUAL WINTER RYE (1.2 LBS/1000 S.F.) SHALL BE SOWN INSTEAD OF THE PREVIOUSLY NOTED SEEDING RATE.
 - D. WHERE TEMPORARY SEEDING IS REQUIRED, ANNUAL WINTER RYE (2.5 LBS/1000 S.F.) SHALL BE SOWN INSTEAD OF THE PREVIOUSLY NOTED SEEDING RATE.
 - E. FERTILIZING, SEEDING AND MULCHING SHALL BE DONE ON LOAM THE DAY THE LOAM IS SPREAD.
 - F. HAY MULCH SHALL BE SECURED WITH PHOTODEGRADABLE/BIODEGRADABLE NETTING. TRACKING BY MACHINERY ALONE WILL NOT SUFFICE. WINTER MULCHING RATES, AS SPECIFIED ABOVE IN SUBSECTION 5.A. OF THE "CONSTRUCTION PHASE" SECTION, SHOULD BE APPLIED DURING THIS PERIOD.
5. FOLLOWING FINAL SEEDING, THE SITE WILL BE INSPECTED EVERY 30 DAYS UNTIL 80% COVER HAS BEEN ESTABLISHED. RESEEDING WILL BE CARRIED OUT BY THE CONTRACTOR WITHIN 10 DAYS OF NOTIFICATION BY THE DESIGN PROFESSIONAL THAT THE EXISTING COVER IS INADEQUATE.

MONITORING SCHEDULE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING, MONITORING, MAINTAINING, REPAIRING, REPLACING AND REMOVING ALL OF THE EROSION AND SEDIMENTATION CONTROLS OR APPOINTING A QUALIFIED SUBCONTRACTOR TO DO SO.

MAINTENANCE MEASURES WILL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL, AND AT LEAST ONCE A WEEK, A VISUAL INSPECTION WILL BE MADE OF ALL EROSION AND SEDIMENTATION CONTROLS AS FOLLOWS:

1. SILT FENCE SHALL BE INSPECTED AND REPAIRED. SEDIMENT TRAPPED BEHIND THESE BARRIERS SHALL BE DCAVATED WHEN IT REACHES A DEPTH OF 6" AND REDISTRIBUTED TO AREAS UNDERGOING FINAL GRADING.
2. CONSTRUCTION ENTRANCE SHALL BE VISUALLY INSPECTED AND REPAIRED AS NEEDED. ANY AREAS SUBJECT TO RUTTING SHALL BE STABILIZED IMMEDIATELY. IF THE VOIDS OF THE CONSTRUCTION ENTRANCE BECOME FILLED WITH MUD, MORE CRUSHED STONE SHALL BE ADDED AS NEEDED. THE PUBLIC ROADWAY SHALL BE SWEEP SHOULD MUD BE DEPOSITED/TRACKED ONTO THEM.

STANDARDS FOR STABILIZING SITES FOR THE WINTER

THE FOLLOWING STANDARDS AND METHODOLOGIES SHALL BE USED FOR STABILIZING THE SITE DURING THE WINTER CONSTRUCTION PERIOD

1. STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES (ANY AREA HAVING A GRADE GREATER THAN 25%) - THE CONTRACTOR WILL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 15TH. IF THE CONTRACTOR FAILS TO STABILIZE ANY SLOPE TO BE VEGETATED BY SEPTEMBER 15TH, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER.

- A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS - BY OCTOBER 1ST THE CONTRACTOR WILL SEED THE DISTURBED SLOPE WITH WINTER RYE AT A RATE OF 3 POUNDS PER 1000 SQUARE FEET AND THEN INSTALL EROSION CONTROL MATS OR ANCHORED HAY MULCH OVER THE SEEDING. THE CONTRACTOR WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS.
 - B. STABILIZE THE SLOPE WITH WOOD-WASTE COMPOST - THE CONTRACTOR WILL PLACE A SIX-INCH LAYER OF WOOD-WASTE COMPOST ON THE SLOPE BY NOVEMBER 15TH. THE CONTRACTOR WILL NOT USE WOOD-WASTE COMPOST TO STABILIZE SLOPES HAVING GRADES GREATER THAN 50% (2H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE.
 - C. STABILIZE THE SLOPE WITH STONE RIPRAP - THE CONTRACTOR WILL PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15TH. THE DEVELOPER'S OWNER WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY ON THE SLOPE AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPRAP.
2. STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS - BY SEPTEMBER 15TH THE CONTRACTOR WILL SEED AND MULCH ALL DISTURBED SOILS ON THE SITE. IF THE CONTRACTOR FAILS TO STABILIZE THESE SOILS BY THIS DATE, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER.
 - A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION - BY OCTOBER 1ST THE CONTRACTOR WILL SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET. LIGHTLY MULCH THE SEEDS WITH HAY OR STRAW AT 75 POUNDS PER 1000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE CONTRACTOR WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR FAILS TO COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 15, THEN THE CONTRACTOR WILL MULCH THE AREA FOR OVER-WINTER PROTECTION AS DESCRIBED IN ITEM II OF THIS STANDARD.
 - B. STABILIZE THE SOIL WITH SOD - THE CONTRACTOR WILL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER 1ST. PROPER INSTALLATION INCLUDES THE CONTRACTOR PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL.
 - C. STABILIZE THE SOIL WITH MULCH - BY NOVEMBER 15TH THE CONTRACTOR WILL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. IMMEDIATELY AFTER APPLYING THE MULCH, THE CONTRACTOR WILL ANCHOR THE MULCH WITH NETTING OR OTHER METHOD TO PREVENT WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL.

EROSION CONTROL REMOVAL

AN AREA IS CONSIDERED STABLE IF IT IS PAVED OR IF 80% GROWTH OF PLANTED SEEDS IS ESTABLISHED. ONCE AN AREA IS CONSIDERED STABLE, THE EROSION CONTROL MEASURES CAN BE REMOVED AS FOLLOWS:

1. SILT FENCE: SILT FENCE SHALL BE DISPOSED OF LEGALLY AND PROPERLY OFF-SITE. ALL SEDIMENT TRAPPED BEHIND THESE CONTROLS SHALL BE DISTRIBUTED TO AN AREA UNDERGOING FINAL GRADING OR REMOVED AND RELOCATED OFF-SITE.
2. STABILIZED CONSTRUCTION ENTRANCE: THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE REMOVED ONCE THE COMPACTED ROADWAY BASE IS IN PLACE. STONE AND SEDIMENT FROM THE CONSTRUCTION ENTRANCE SHALL BE REDISTRIBUTED TO AN AREA UNDERGOING GRADING OR REMOVED AND RELOCATED OFFSITE.
3. MISCELLANEOUS: ONCE ALL THE TRAPPED SEDIMENTS HAVE BEEN REMOVED FROM THE TEMPORARY SEDIMENTATION DEVICES THE DISTURBED AREAS MUST BE REGRADED IN AN AESTHETIC MANNER TO CONFORM TO THE SURROUNDING TOPOGRAPHY. ONCE GRADED THESE DISTURBED AREAS MUST BE LOAMED (IF NECESSARY), FERTILIZED, SEEDED AND MULCHED IN ACCORDANCE WITH THE RATES PREVIOUSLY STATED.

THE ABOVE EROSION CONTROLS MUST BE REMOVED WITHIN 30 DAYS OF FINAL STABILIZATION OF THE SITE. CONFORMANCE WITH THIS PLAN AND FOLLOWING THESE PRACTICES WILL RESULT IN A PROJECT THAT COMPLIES WITH THE STATE REGULATIONS AND THE STANDARDS OF THE NATURAL RESOURCES PROTECTION ACT, AND WILL PROTECT WATER QUALITY IN AREAS DOWNSTREAM FROM THE PROJECT.

INSPECTION AND MAINTENANCE (APPENDIX B)

INSPECTION AND MAINTENANCE REQUIREMENTS: INSPECT DISTURBED AND IMPERVIOUS AREAS, EROSION AND STORMWATER CONTROL MEASURES, AREAS USED FOR STORAGE THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. INSPECT THESE AREAS AT LEAST ONCE A WEEK AS WELL AS BEFORE AND AFTER A STORM EVENT AND PRIOR TO COMPLETION OF PERMANENT STABILIZATION MEASURES. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL, INCLUDING THE STANDARDS IN THE MCGP AND ANY DEPARTMENTAL COMPANION DOCUMENT TO THE MCGP, MUST CONDUCT THE INSPECTION. THIS PERSON MUST BE IDENTIFIED IN THE INSPECTION LOG. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE MODIFIED OR IF ADDITIONAL BMPs ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS AREA PERMANENTLY STABILIZED.

INSPECTION LOG (REPORT): A LOG (REPORT) MUST BE KEPT SUMMARIZING THE SCOPE OF THE INSPECTION, NAME(S) AND QUALIFICATIONS OF THE PERSONNEL MAKING THE INSPECTION, THE DATE(S) OF THE INSPECTION, AND MAJOR OBSERVATIONS RELATING TO OPERATION OF EROSION AND SEDIMENTATION CONTROLS AND POLLUTION PREVENTION MEASURES. MAJOR OBSERVATIONS MUST INCLUDE BMPs THAT NEED MAINTENANCE, BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, AND LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED.

NEEDED, FOR EACH BMP REQUIRING MAINTENANCE, BMP REEDING REPLACEMENT, AND LOCATION NEEDING ADDITIONAL BMPs, NOTE IN THE INSPECTION LOG THE CORRECT ACTION TAKEN AND WHEN IT WAS TAKEN. THE LOG MUST BE MADE ACCESSIBLE TO THE DEPARTMENT STAFF AND A COPY MUST BE PROVIDED UPON REQUEST. THE PERMITTEE SHALL RETAIN A COPY OF THE LOG FOR A PERIOD OF AT LEAST THREE YEARS FROM THE COMPLETION OF THE PERMANENT STABILIZATION.

HOUSEKEEPING (APPENDIX C)

1. SPILL PREVENTION: CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER AND APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING IMPLEMENTATION.
2. GROUNDWATER PROTECTION: DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY, AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAMINATION THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.

NOTE: LACK OF APPROPRIATE POLLUTANT REMOVAL BMPs MAY RESULT IN VIOLATIONS OF THE GROUNDWATER QUALITY STANDARD ESTABLISHED BY 39 M.R.S.A. §465-C(1). ANY PROJECT PROPOSING INFILTRATION OF STORMWATER MUST PROVIDE ADEQUATE PRE-TREATMENT OF STORMWATER PRIOR TO DISCHARGE OF STORMWATER TO THE INFILTRATION AREA, OR PROVIDE TREATMENT WITHIN THE INFILTRATION AREA, IN ORDER TO PREVENT ACCUMULATION OF FINES, REDUCTIONS IN INFILTRATION RATE, AND CONSEQUENT FLOODING AND DESTABILIZATION.

3. FUGITIVE SEDIMENT AND DUST: ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL.

EXAMPLES OF BMPs- OPERATIONS DURING DRY MONTHS, THAT EXPERIENCE FUGITIVE DUST PROBLEMS, SHOULD WET DOWN THE ACCESS ROADS ONCE A WEEK OR MORE FREQUENTLY IF NEEDED.

4. DEBRIS AND OTHER MATERIALS: LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS DISPOSED TO STORMWATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.

NOTE: TO PREVENT THESE MATERIALS FROM BECOMING A SOURCE OF POLLUTANTS, CONSTRUCTION ACTIVITIES RELATED TO A PROJECT MAY BE REQUIRED TO COMPLY WITH APPLICABLE PROVISIONS OF RULES RELATED TO SOLID, UNIVERSAL, AND HAZARDOUS WASTE, INCLUDING, BUT NOT LIMITED TO, THE MAINE SOLID WASTE AND HAZARDOUS WASTE MANAGEMENT RULES; MAINE HAZARDOUS WASTE MANAGEMENT RULES; MAINE OIL CONVEYANCE AND STORAGE RULES; AND MAINE PESTICIDE REQUIREMENTS.

5. TRENCH OR FOUNDATION DEWATERING: TRENCH DEWATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER REMOVED FROM THE PONDED AREA, EITHER THROUGH GRAVITY OR PUMPING, MUST BE SPREAD THROUGH NATURAL WOODED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE.

FOR GUIDANCE ON DEWATERING CONTROLS, CONSULT THE MAINE EROSION AND SEDIMENT CONTROL BMPs, PUBLISHED BY THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

6. NON-STORMWATER DISCHARGES: IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES. WHERE ALLOWED NON-STORMWATER DISCHARGES EXIST, THEY MUST BE IDENTIFIED AND STEPS SHOULD BE TAKEN TO ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE. AUTHORIZED NON-STORMWATER DISCHARGES ARE:
 - DISCHARGES FROM FIREFIGHTING ACTIVITIES
 - FIRE HYDRANT FLUSHINGS
 - VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES (ENGINE, UNDERCARRIAGE, AND TRANSMISSION WASHING IS PROHIBITED)
 - DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS AND APPENDIX C(3)
 - ROUTINE EXTERNAL BUILDING WASHDOWN, NOT INCLUDING SURFACE PAINT REMOVAL, THAT DOES NOT INVOLVE DETERGENTS
 - PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOT USED
 - UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE
 - UNCONTAMINATED GROUNDWATER OR SPRING WATER
 - FOUNDATION OR FOOTER DRAIN-WATER WHERE FLOWS ARE NOT CONTAMINATED
 - UNCONTAMINATED EXCAVATION DEWATERING (SEE REQUIREMENTS IN APPENDIX C(5))
 - POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS

ALLOWABLE NON-STORMWATER DISCHARGES CANNOT BE AUTHORIZED UNDER THIS PERMIT UNLESS THEY ARE DIRECTLY RELATED TO AND ORIGINATE FROM A CONSTRUCTION SITE OR DEDICATED SUPPORT ACTIVITY.

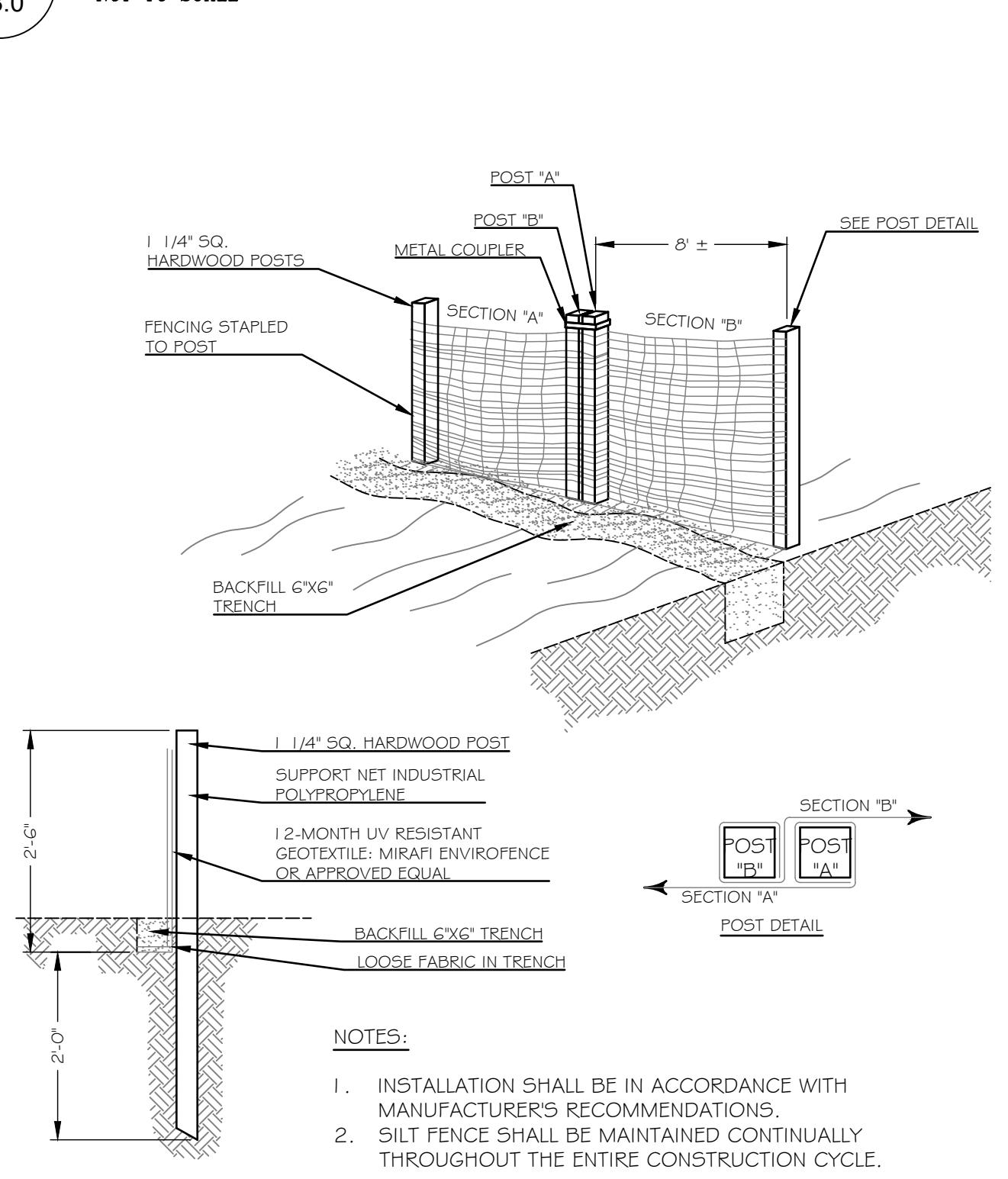
WALSH
ENGINEERING ASSOCIATES, INC.
One Karen Dr., Suite 2A | Westbrook, Maine 04092
ph. 207.553.8698 | www.walsh-eng.com
Copyright © 2020

LICHT
ENVIRONMENTAL DESIGN, LLC
Environmental Design, LLC
One, Maine

MAINE
OF MAINE
SILAS W. CARAVAN
No. 12638
6/17/2020
LICENSED PROFESSIONAL ENGINEER

YORK HIGH SCHOOL TENNIS COURTS DEMOLITION & RECONSTRUCTION
FOR
YORK SCHOOL DEPARTMENT
1 ROBERT STEVENS DRIVE
YORK, MAINE 03909
469 U.S. ROUTE ONE
YORK, MAINE 03909

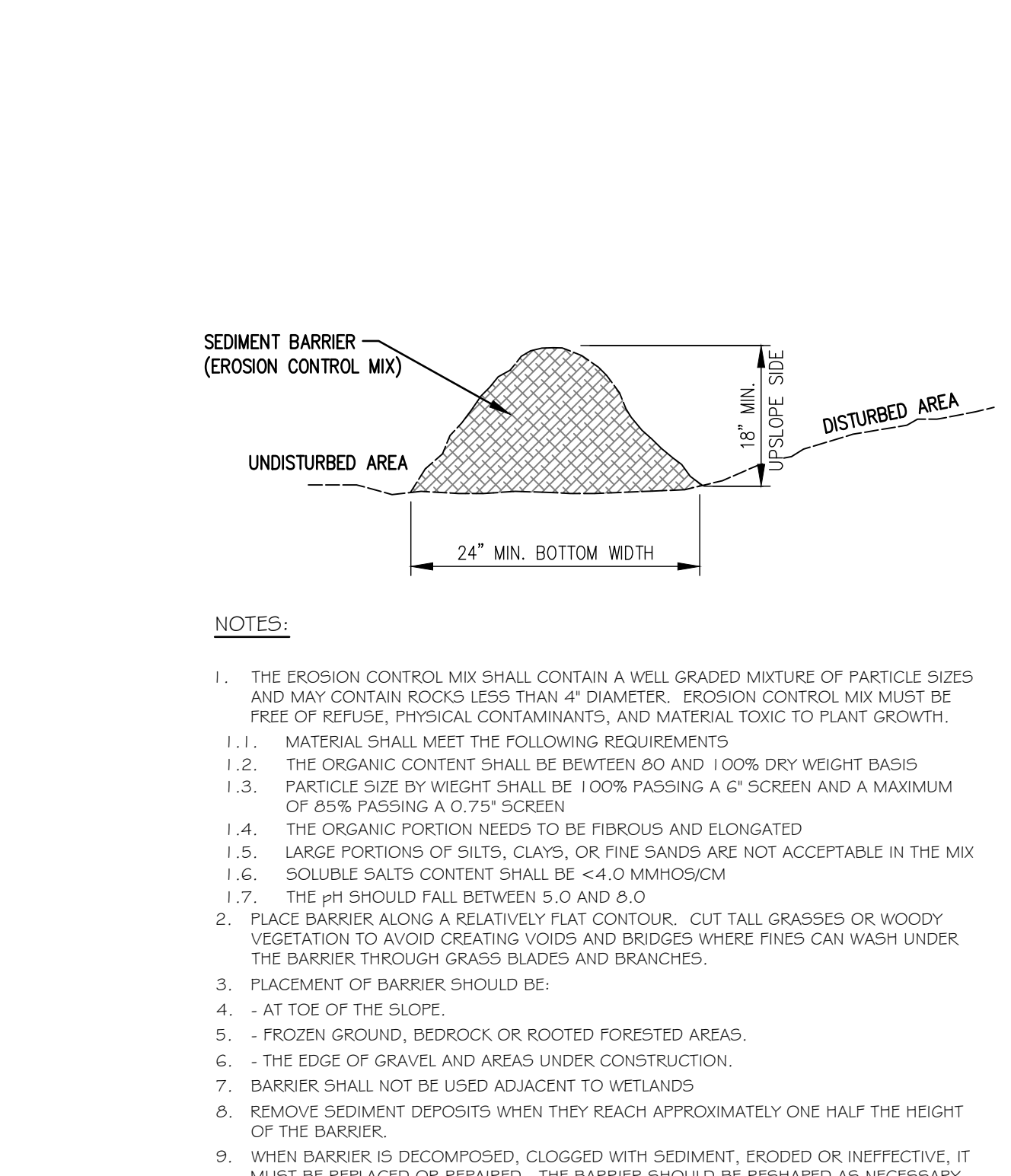
1 EROSION AND SEDIMENTATION CONTROL NOTES



2 PREFABRICATED SILT FENCE

NOT TO SCALE

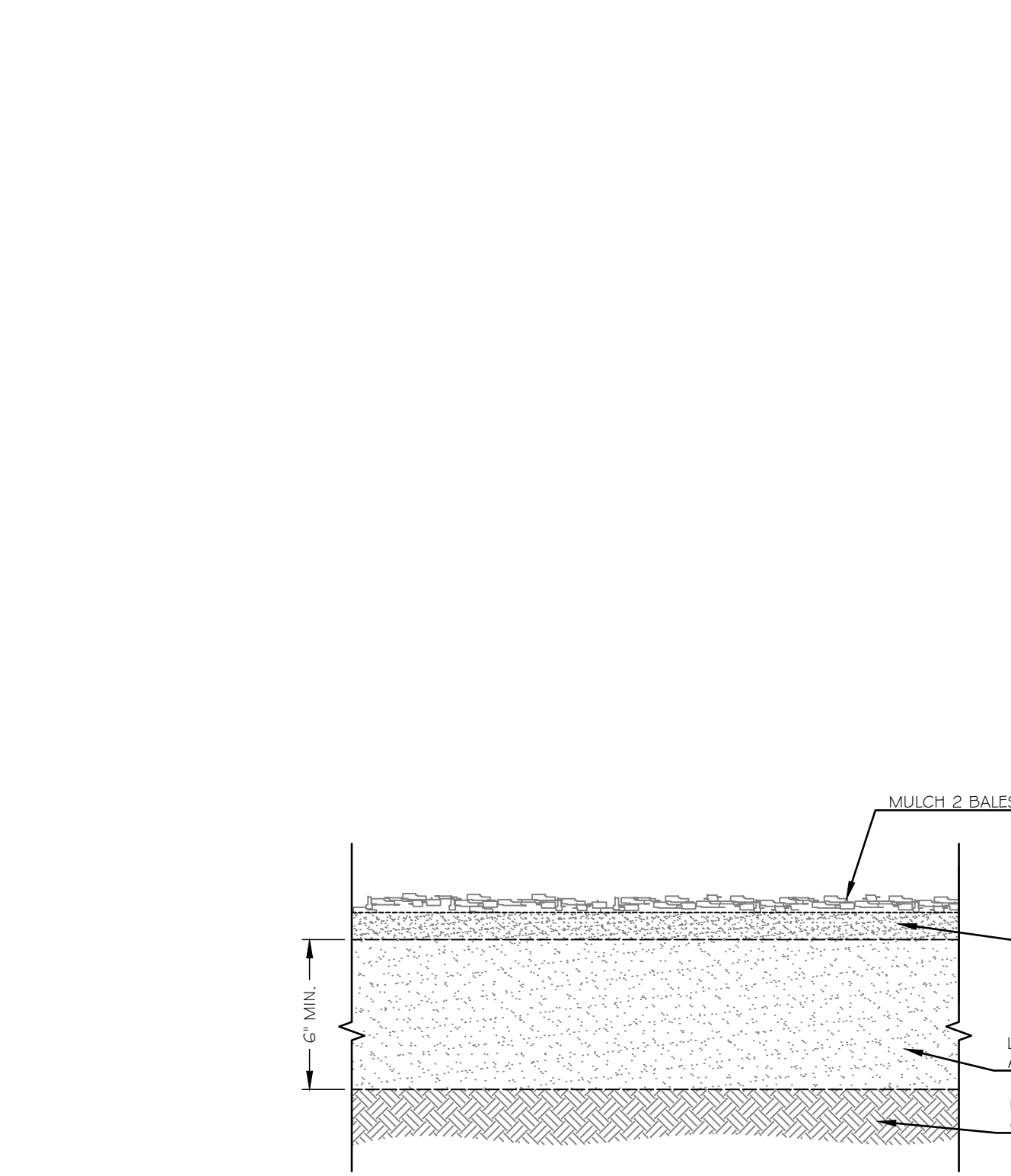
3 SEDIMENT BARRIER (EROSION CONTROL MIX)



4 LOAM AND SEED DETAIL

NOT TO SCALE

1 EROSION CONTROL MIX



2 SILT FENCE

NOT TO SCALE

©2019 York High School Tennis Courts, CAD/CAM Design Register, 05/20/2019, 02:28:41 PM

Rev.	Date	Description	Drawn	Check
1	6/1/2020	ISSUED FOR BIDDING	JWG	SWC

Sheet Title: **Erosion Control Notes & Details**

Job No.: 509 Sheet No.: **C3.0**

Date: 6/1/2020

Scale: NTF

Drawn: JWG

Checked: SWC

Rev.	Date	Description	Drawn	Check
1	6/1/2020	ISSUED FOR BIDDING	JWG	SWC

Sheet Title:

Details

Job No.: 509

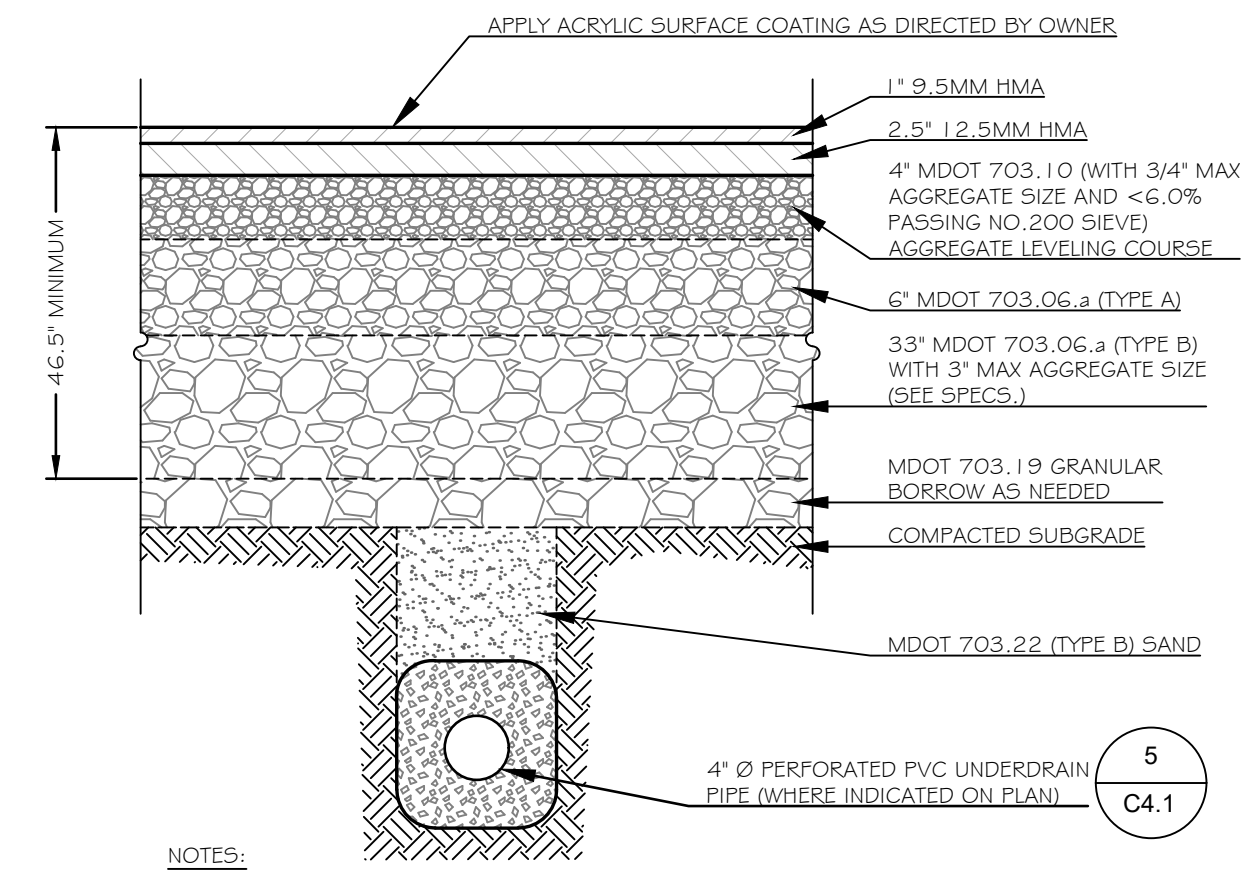
Date: 6/1/2020

Scale: NTS

Drawn: JWG

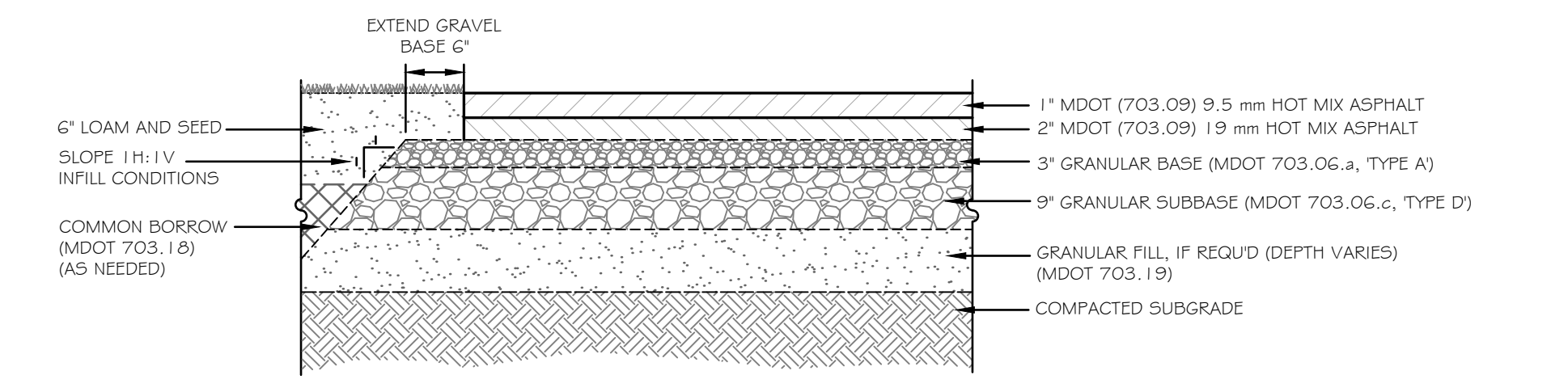
Checked: SWC

Sheet No.:
C3.1

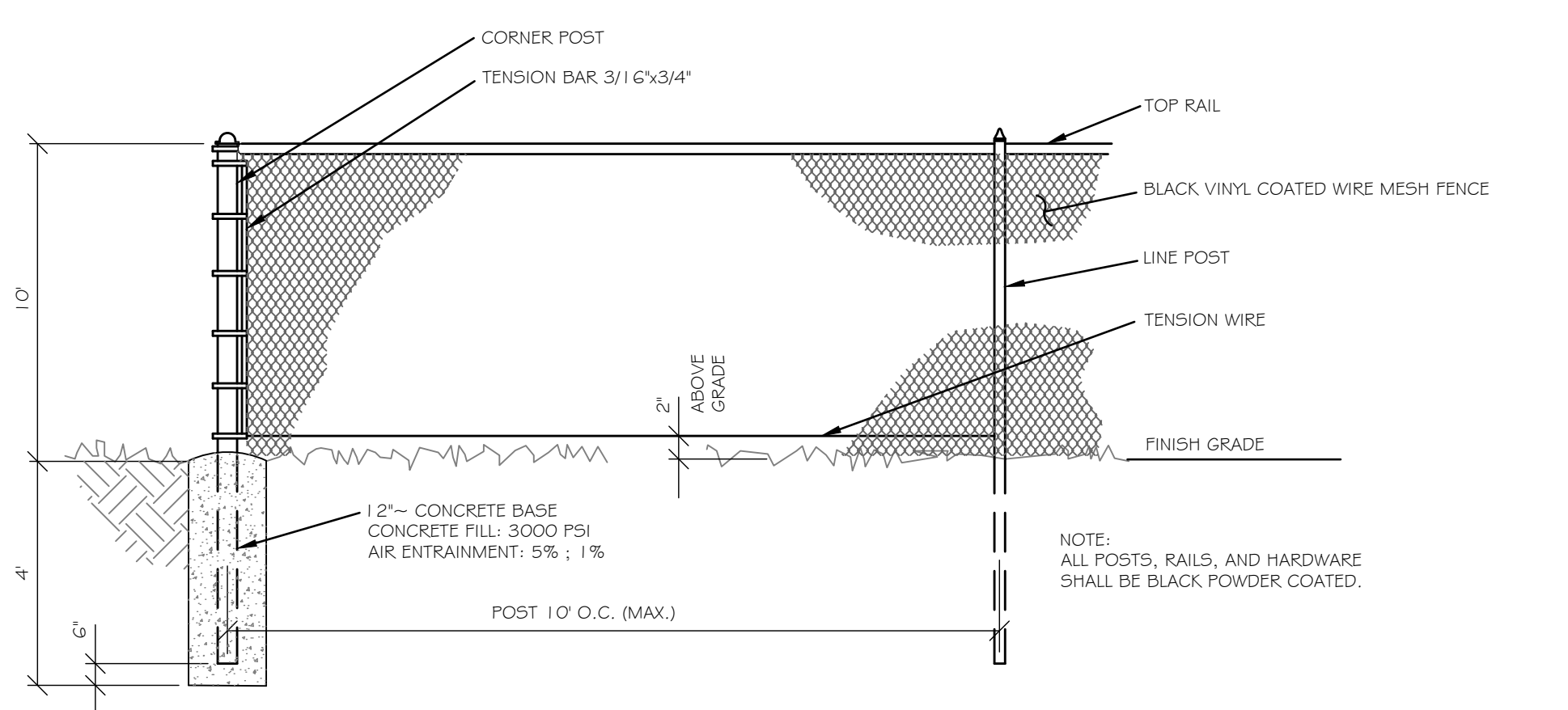


NOTES:
1. COMPACT ALL GRAVEL IN 6" LIFTS TO MINIMUM OF 95% MAX. DRY DENSITY.
2. COMPACT ALL PAVEMENT TO MINIMUM OF 95% TO 97% THEORETICAL MAX. DENSITY.

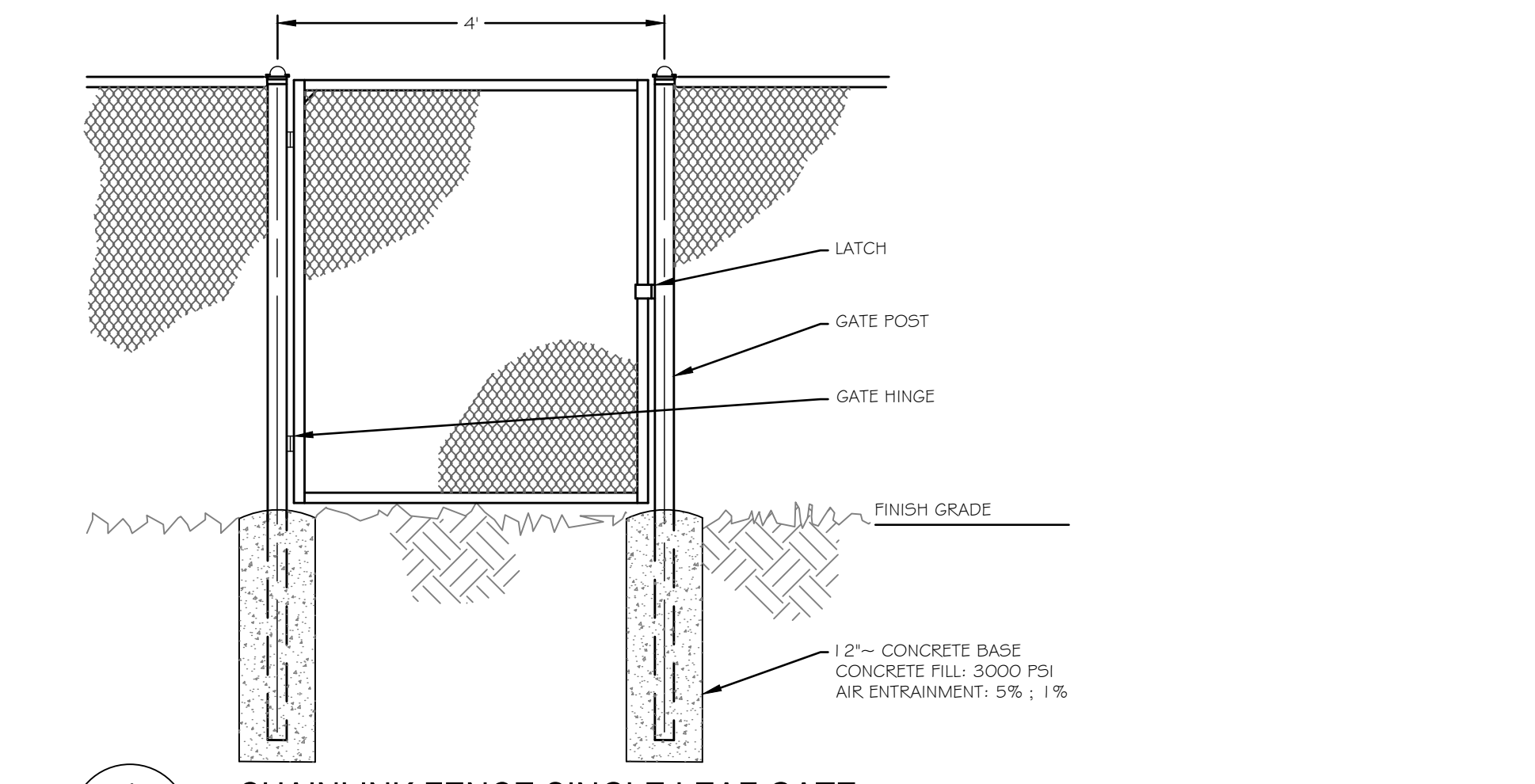
1 TENNIS COURT DETAIL
C3.1 NOT TO SCALE



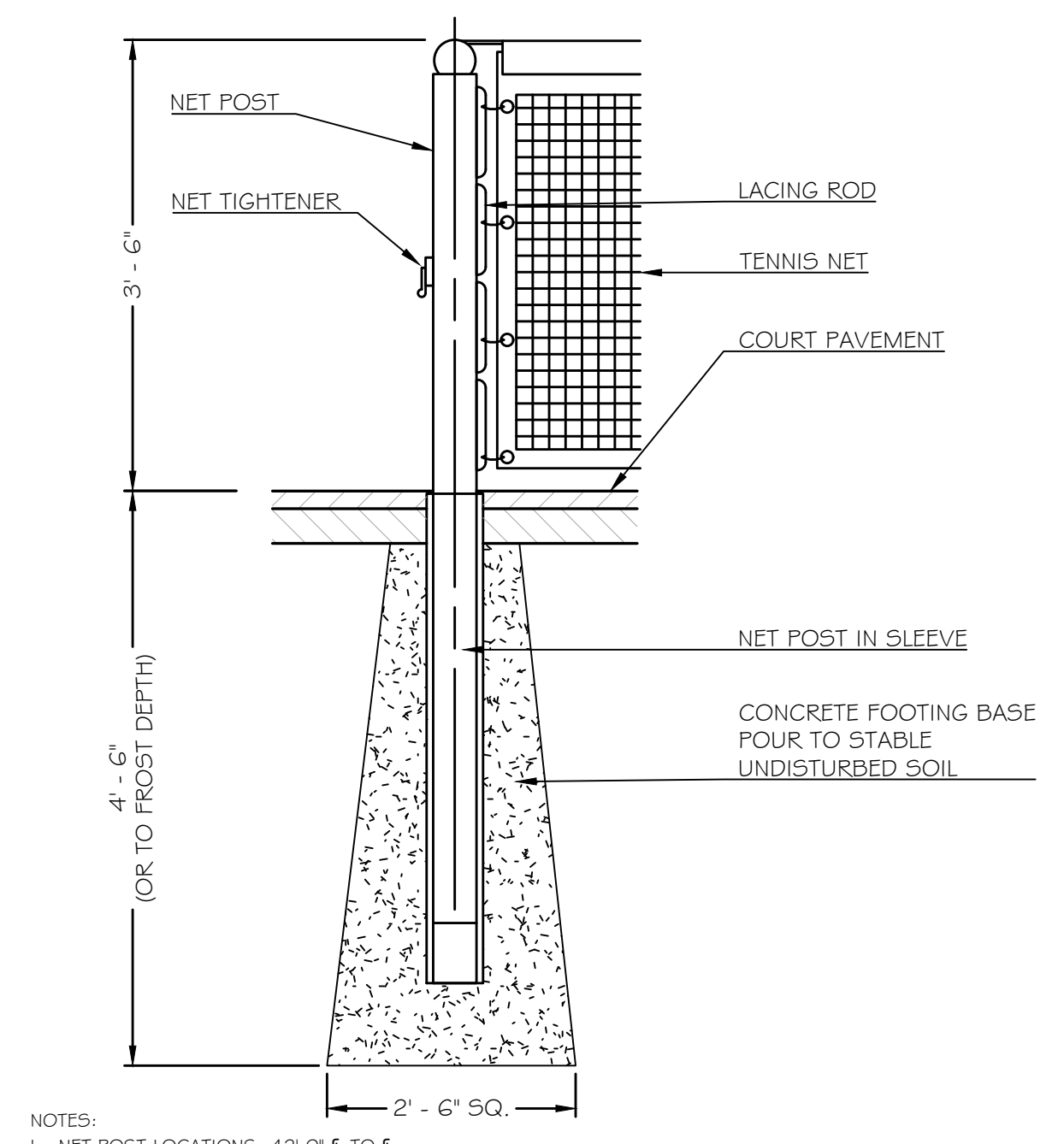
2 BITUMINOUS CONCRETE WALKWAY PAVEMENT SECTION
C3.1 NOT TO SCALE



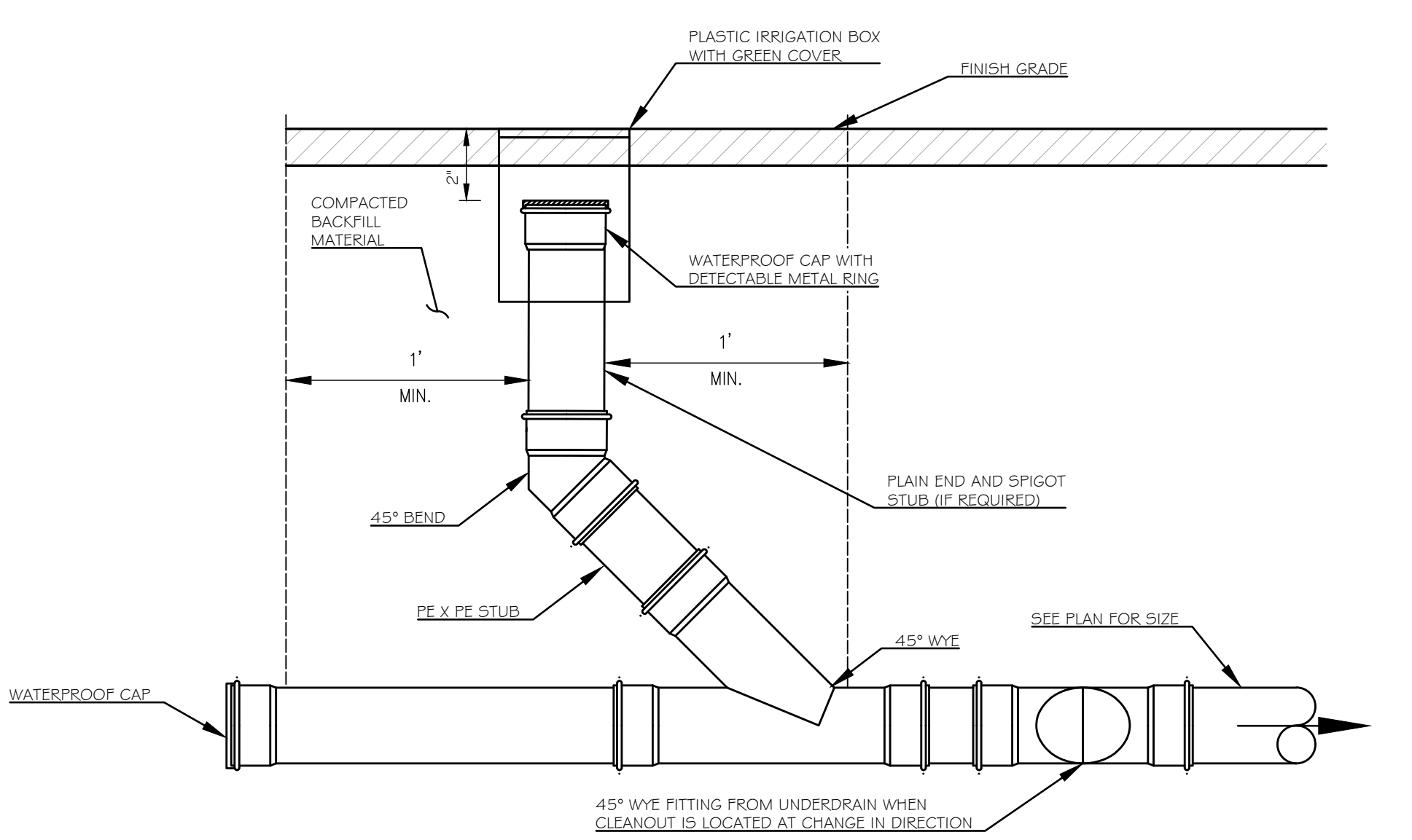
3 CHAINLINK FENCE CORNER & STRAIGHT SECTIONS
C3.1 NOT TO SCALE



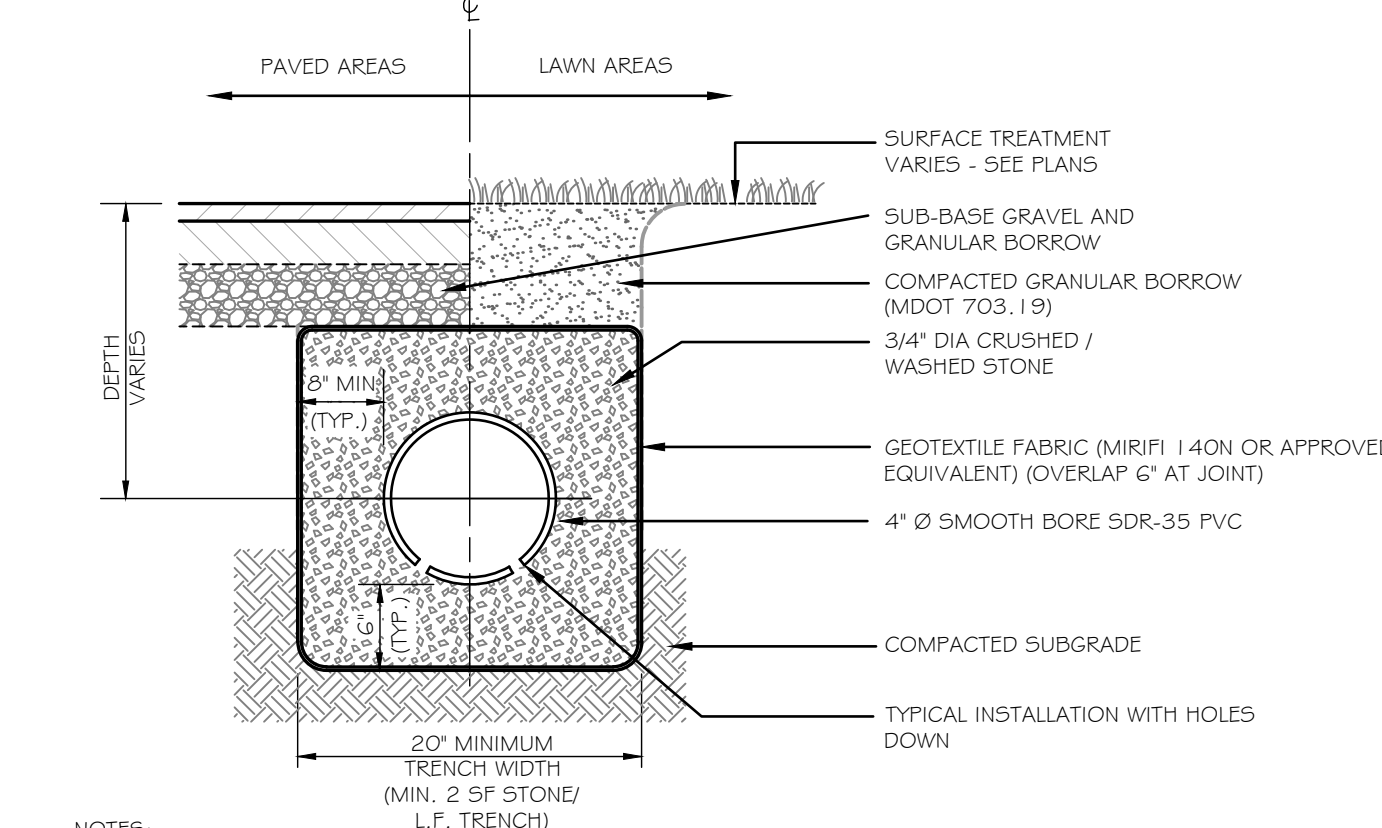
4 CHAINLINK FENCE SINGLE LEAF GATE
C3.1 NOT TO SCALE



7 NET POST DETAIL
C3.1 NOT TO SCALE

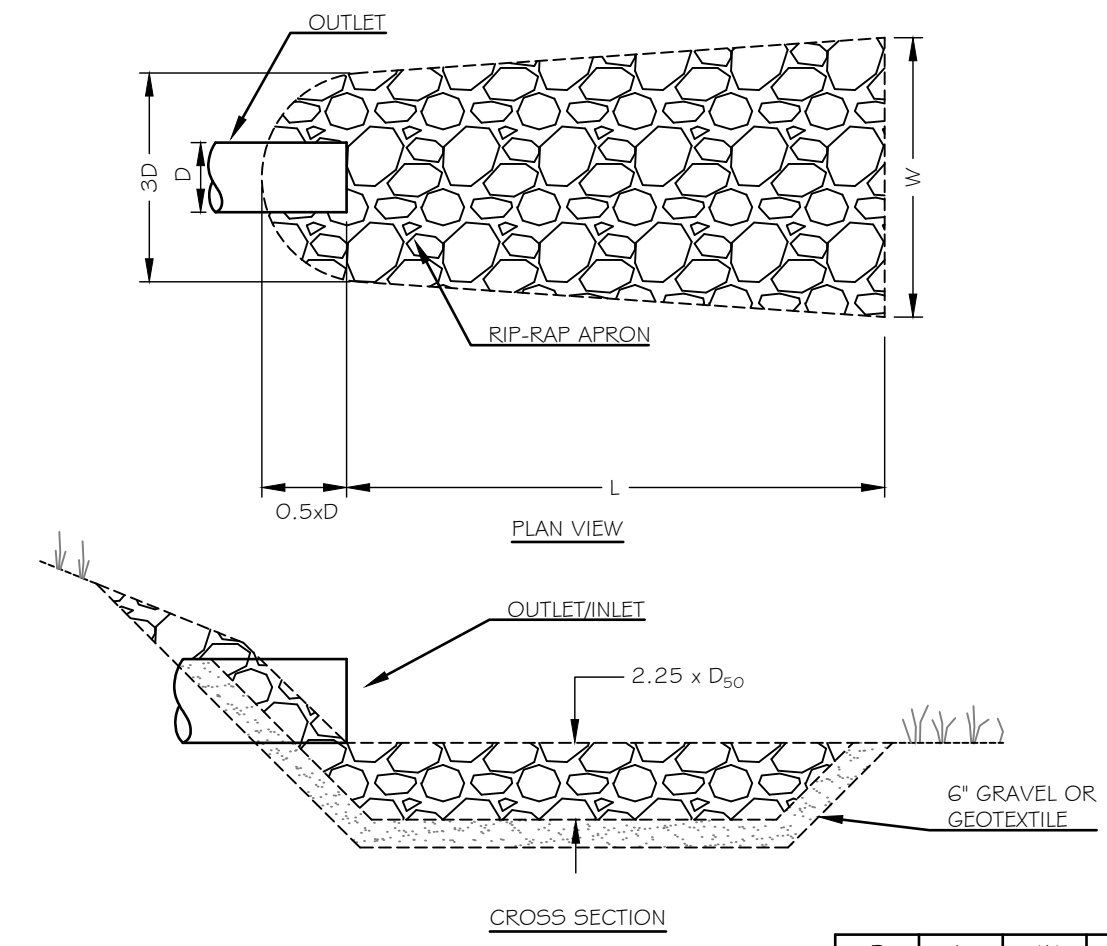


6 4" Ø UNDERDRAIN CLEANOUT
C3.1 NOT TO SCALE



NOTES:
1. BACKFILL MATERIAL WITHIN TRENCH BEYOND UNDERDRAIN LATERAL LIMITS SHALL, AS A MINIMUM, CONFORM TO THE REQUIREMENTS OF GRANULAR BORROW.
2. UNDERDRAIN SHALL CONFORM TO THE REQUIREMENTS OF MDOT 605.04, TYPE "B", EXCEPT AS NOTED.
3. OUTLETS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM AS SHOWN ON THE PLANS, OR GRADED BY GRAVITY TO A SUITABLE DISCHARGE POINT.

5 UNDERDRAIN TRENCH DETAIL
C3.1 NOT TO SCALE



NOTES:
1. USE D₅₀ NOTED ON TABLE UNLESS OTHERWISE SPECIFIED ON PLANS.
2. UNDERLAY RIPRAP WITH 6" OF GRAVEL OR GEOTEXTILE.
3. USE WIDTHS NOTED ABOVE OR CONFORM TO NATURAL CHANNEL OR TOPOGRAPHY.

D	L	W	D ₅₀
6'	2'	2'	4"

5 RIPRAP INLET AND OUTLET PROTECTION
C4.3 NOT TO SCALE