

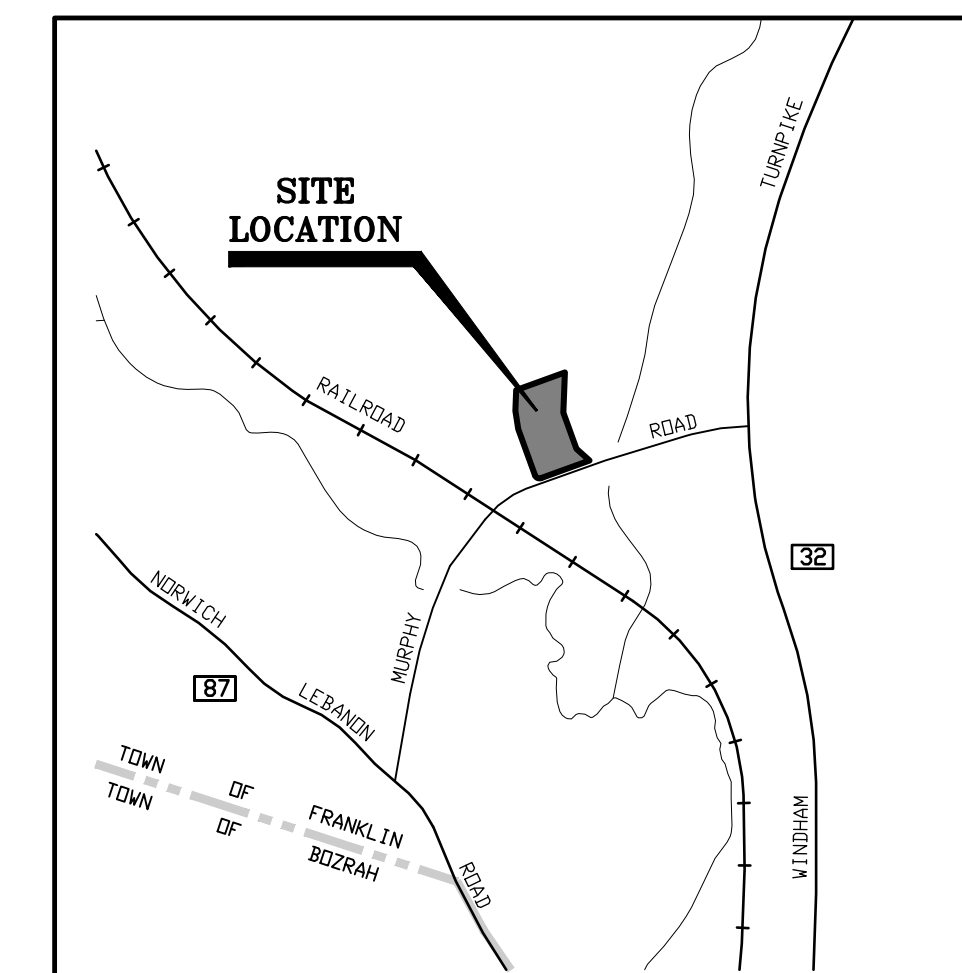
ZONING TABLE: COMMERCIAL C-2		
ITEM	REQUIRED	PROVIDED
MINIMUM LOT AREA	100,000 SF	123,509± SF
MINIMUM FRONTAGE	200 FT	268 FT
MINIMUM FRONT YARD	100 FT*	200 FT**
MINIMUM SIDE YARD	25 FT	77 FT**
MINIMUM REAR YARD	25 FT	167 FT**
MINIMUM LOT WIDTH	200 FT	250 FT
MAXIMUM LOT COVERAGE	65%	32.5%
WATER SUPPLY		NONE
SANITARY		NONE

* MEASURED FROM CENTERLINE OF ROAD
 ** TO PROPOSED FUELING CANOPY

N/F
 Cheric Distributors, LLC.
 Volume 93, Page 9

N/F
 Patrick Coleman
 Volume 64, Page 217

N/F
 Cheric Distributors, LLC.
 Volume 93, Page 9



LOCATION MAP
 SCALE: 1"=1000'

SURVEY NOTES

1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996. IT IS AN IMPROVEMENT LOCATION AND TOPOGRAPHIC SURVEY BASED ON DEPENDANT RESURVEY AND CONFORMS TO HORIZONTAL CLASS A-2 AND TOPOGRAPHIC CLASS T-2 ACCURACY STANDARDS. IT IS INTENDED TO BE USED FOR MUNICIPAL PERMITTING.
2. NORTH ORIENTATION DEPICTED HEREON IS BASED UPON REFERENCE MAP 1.
3. VERTICAL DATUM DEPICTED HERE ON IS APPROXIMATE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88) BASED GLOBAL POSITIONING SYSTEM OBSERVATIONS USING GEODETIC ON MARCH 26 & 27, 2018.
4. THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON THE LOCATION OF ABOVE GROUND STRUCTURES AND RECORD DRAWINGS PROVIDED BY OTHERS. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. ALL SUBTERRANEAN FEATURES AND IMPROVEMENTS MAY NOT BE DEPICTED OR NOTED HEREON. THE LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. CONTACT "CALL BEFORE YOU DIG" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION OPERATIONS.
5. THE FIELD SURVEY WAS COMPLETED ON MARCH 27, 2018. LAND RECORD AND RELATED RESEARCH WAS COMPLETED ON MARCH 27, 2018.
6. RECORD TITLE TO THE SUBJECT PROPERTY MAY BE REFERENCED TO A WARRANTY DEED FROM MURPHY ROAD TERMINAL, LLC TO VAGANGLES RECORDED JULY 19, 2012 IN THE TOWN OF FRANKLIN LAND RECORDS VOLUME 89 PAGE 221.
7. SUBJECT PROPERTY CONTAINS 123,509± S.F. 2.84± ACRES
8. SUBJECT PROPERTY RESIDES IN THE "C-2" COMMERCIAL ZONING DISTRICT.

REFERENCE MAPS

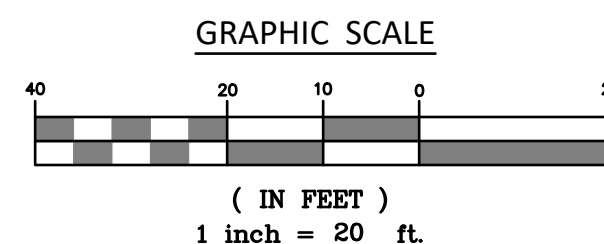
1. PROPOSED SUBDIVISION OF PROPERTY OF ALLIE RESNIK, MURPHY ROAD, FRANKLIN, CONNECTICUT, SCALE: 1"=40', DATED: SEPTEMBER 1988, IDENT. NO.86-711, PREPARED BY: ROLAND J. HARRIS & ASSOC.
2. COMPILATION PLAN, PREPARED FOR VAGANGLES, LLC, ADDITIONAL TANKS AT BULK FUEL FACILITY, 26 MURPHY ROAD, FRANKLIN, CONNECTICUT, SCALE: 1"=30', DATED JULY 2013, JOB I.D. NO. 13-2173, PREPARED BY: BOUNDARIES LLC.

LEGEND & ABBREVIATIONS

±	MORE OR LESS	SNET	SOUTHERN NEW ENGLAND TELEPHONE
TYP	TYPICAL	CL&P	CONNECTICUT LIGHT AND POWER
PVC	POLYVINYL CHLORIDE	N/F	NOW OR FORMERLY
RCP	REINFORCED CONCRETE PIPE	---	EXISTING CONTOUR
S.F.	SQUARE FEET	---	TREE LINE
CB	CATCH BASIN	---	OVERHEAD WIRED
TF	TOP OF FRAME	○	ANGLE POINT
INV	INVERT	●	IRON PIN OR TBAR
MB	MAILBOX	□	MONUMENT
W/	WITH	○	UTILITY POLE
WF #1	WETLAND FLAG	---	GUY WIRE
WC #1	WATER COURSE	---	CATCH BASIN
CONC	CONCRETE	---	SIGN
MON	MONUMENT	△	WETLAND FLAG
REC	RECOVERED		

DATE OF COMPLETION OF ALL WORK

"APPROVED BY THE TOWN OF FRANKLIN PLANNING AND ZONING COMMISSION"



I HAVE CONDUCTED AN ON-SITE SOIL INVESTIGATION OF THE PARCEL OF LAND DEPICTED HEREON. THE INLAND WETLAND BOUNDARIES AS PORTRAYED ARE AN ACCURATE REPRESENTATION OF THE DELINEATION PERFORMED IN THE FIELD.

Demian A. Sorrentino
 3/23/2021
 DEMIAN A. SORRENTINO, C.S.S.
 DATE



29102 3/23/2021
 LICENSE NO. DATE

JOHN U. FAULSTICH, P.E.
 70016 3/23/2021
 LICENSE NO. DATE

Improvement Location and Topographic Survey
 "Proposed Fueling Canopy"
 Prepared for
 Vagangles, LLC
 26 Murphy Road, Franklin, Connecticut

SCALE: 1" = 20'

DATE: March 2021

JOB I.D. NO. 18-2603-1

Revisions

SHEET NO. 1

BOUNDARIES
 CIVIL ENGINEERING LAND SURVEYING LAND USE PLANNING SOIL SCIENCE
 Boundaries, LLC
 179 Puchang River Drive, Cromwell, CT 06351
 T 860.376.2008 | www.boundariesllc.com

P:\CIVIL 3D PROJECTS\2018\18-2603-1 MCKINNEY.DWG\DESIGN\SITE PLAN.DWG

B © 2021 BOUNDARIES LLC
 THIS DRAWING IS THE PROPERTY OF BOUNDARIES LLC AND HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER OF THIS PROJECT. AT THIS SITE, AND IS NOT TO BE DUPLICATED OR USED IN PART OR WHOLE FOR ANY OTHER PURPOSE. PROJECT, LOCATION OR OWNER WITHOUT THE EXPRESSED WRITTEN CONSENT OF BOUNDARIES LLC.

STATEMENT OF USE

THIS PROPOSAL INVOLVES IMPROVEMENTS TO AN EXISTING BULK FUEL STORAGE FACILITY LOCATED AT 26 MURPHY ROAD IN FRANKLIN, CT.

NARRATIVE

THIS PROPOSAL INVOLVES IMPROVEMENTS TO AN EXISTING BULK FUEL STORAGE FACILITY LOCATED AT 26 MURPHY ROAD IN FRANKLIN, CONNECTICUT. THIS PROPOSAL INCLUDES THE DEMOLITION OF AN EXISTING FUELING CANOPY AND CONCRETE PAD, CONSTRUCTION OF A NEW FUELING CANOPY AND CONCRETE PAD IN THE SAME LOCATION, AND INSTALLATION OF A NEW 10,000 GALLON DOUBLE WALLED TANK AND FUELING STATION. TWO CATCH BASINS WILL BE INSTALLED BENEATH THE FUELING CANOPY AND DIRECTED TO A NEW 1,000 GALLON OIL WATER SEPARATOR AND EXISTING BURIED SPILL CONTAINMENT TANK. THE EXISTING CHAIN LINK FENCE WILL ALSO BE REPLACED WITH A NEW CHAIN LINK FENCE AS PART OF THIS PROPOSAL.

ACCORDING TO THE UNITED STATES DEPARTMENT OF AGRICULTURE (USDA), NATURAL RESOURCES CONSERVATION SERVICE (NRCS) WEB SOIL SURVEY FOR THE STATE OF CONNECTICUT, THE SOILS LOCATED IN THE DEVELOPMENT AREA CONSIST OF:
 38C HINCKLEY LOAMY SAND, 3-15% SLOPES
 306 UDORHTENS-URBAN LAND COMPLEX

INLAND WETLANDS AND WATERCOURSES LOCATED UPON THE SUBJECT PROPERTY WERE DELINEATED BY DEMIAN A. SORRENTINO, CERTIFIED SOIL SCIENTIST. THERE ARE NO ACTIVITIES PROPOSED WITHIN A WETLAND OR WATERCOURSE. ACTIVITIES PROPOSED WITHIN THE 100' UPLAND REVIEW AREA INCLUDE THE REPLACEMENT OF THE EXISTING CHAIN LINK FENCE.

SEDIMENT FENCE OR WOOD CHIP BERMS SHALL BE INSTALLED AT LOCATIONS SHOWN PRIOR TO ANY EARTHWORK OPERATIONS. THESE MEASURES WILL BE MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.

THE SITE PLAN PREPARER HAS READ THE FRANKLIN ZONING REGULATIONS, AND IN THE OPINION OF THE PREPARER, THIS SITE PLAN MEETS THE REQUIREMENTS OF THE REGULATIONS.

EROSION CONTROL NOTES

- ALL UTILITIES ARE APPROXIMATE. CONTRACTOR TO VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION. CONTACT "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION.
- THE RESPONSIBLE PARTY WITH RESPECT TO THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES IS THE PROPERTY OWNER.
- THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" BY THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION IN COOPERATION WITH THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION, CT DEEP BULLETIN 34, SHALL BE USED FOR INSTALLING AND MAINTAINING ALL EROSION CONTROL MEASURES. THE SITE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY IF DIRECTED BY THE ENGINEER OR TOWN STAFF.
- SEEDING FOR PERMANENT STABILIZATION SHALL BE COMPLETED BETWEEN APRIL 15 THROUGH JUNE 15 OR BETWEEN AUGUST 15 THROUGH SEPTEMBER 15. IF SEEDING CANNOT BE COMPLETED WITHIN THESE TIMES, APPLICATION OF TEMPORARY MULCH SHALL BE CONDUCTED UNTIL THE NEXT SEEDING PERIOD. SEED MIXTURE SHALL BE AS FOLLOWS:
 KENTUCKY BLUEGRASS 20 LBS/ACRE OR 0.45 LBS/1,000 SF
 CREEPING RED FESCUE 20 LBS/ACRE OR 0.45 LBS/1,000 SF
 PERENNIAL RYEGRASS 5 LBS/ACRE OR 0.10 LBS/1,000 SF
- MULCH SHALL BE A GOOD QUALITY HAY OR STRAW AND SHALL BE APPLIED AT A RATE OF APPROXIMATELY 2-3 BALES/1,000 SF.
- ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WITHIN 24 HOURS AFTER RAIN EVENTS WITH GREATER THAN 0.5" OF RAINFALL IN A 24-HOUR PERIOD, AND REPAIRED OR REPLACED AS NECESSARY TO INSURE COMPLIANCE WITH THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.

CONSTRUCTION SEQUENCE

- SECURE ALL NECESSARY LOCAL, STATE AND FEDERAL PERMITS.
- INSTALL SEDIMENT FENCE IN SPECIFIED LOCATION AS SHOWN DOWNGRADEMENT OF PROPOSED DEVELOPMENT AREA.
- DEMOLISH EXISTING FUELING CANOPY AND CONCRETE PAD, EXCAVATE TO INSTALL CATCH BASINS AND OIL WATER SEPARATOR. CONSTRUCT NEW FUELING CANOPY AND POLYMER NEW CONCRETE PAD.
- REMOVE EXISTING CHAIN LINK FENCE AND INSTALL NEW DOUBLE WALLED TANK AND FUELING LOCATION. REPLACE CHAIN LINK FENCE.
- AT COMPLETION OF CONSTRUCTION, LOAN ALL DISTURBED AREAS (4" MINIMUM), SEED WITH GRASS AND MULCH. AFTER ALL AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE EROSION CONTROL MEASURES.

OPERATION & MAINTENANCE OF EROSION CONTROLS

NO CONSTRUCTION SHALL PROCEED UNTIL PROPER SEDIMENTATION AND EROSION CONTROL METHODS HAVE BEEN INSTALLED AS THE SEQUENCE OF CONSTRUCTION NECESSATES.

ALL TEMPORARY FILL, STORAGE OR STOCKPILE AREAS SHALL BE PROPERLY STABILIZED TO PREVENT EROSION AND SUITABLY CONTAINED TO PREVENT TURBID RUNOFF. ALL AREAS AFFECTED BY TEMPORARY FILLS MUST BE RESTORED TO THEIR ORIGINAL CONTOURS, AND REVEGETATED WITH SUITABLE VEGETATION. THE USE OF TEMPORARY FILL AND/OR EXCAVATION SHALL BE MINIMIZED TO ONLY THAT AREA REQUIRED TO PERFORM THE WORK.

DUMPING OF OIL OR OTHER DELETERIOUS MATERIALS ON THE GROUND IS FORBIDDEN. THE DEVELOPER OR CONTRACTOR SHALL PROVIDE A MEANS OF CATCHING, RETAINING AND PROPERLY DISPOSING OF DRAINED OIL, REMOVED OIL FILTERS, OR OTHER DELETERIOUS MATERIAL FROM EQUIPMENT USED ON SITE. MAJOR VEHICLE MAINTENANCE SHALL BE COMPLETED OFF SITE. ALL OIL SPILLS SHALL BE IMMEDIATELY REPORTED TO THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION/HAZARDOUS MATERIALS ORIGINAL FAILURE TO DO SO MAY RESULT IN THE IMPOSITION OF FINES UNDER THE APPLICABLE CONNECTICUT GENERAL STATUTES.

EVERY PRECAUTION SHALL BE USED DURING CONSTRUCTION TO PREVENT AND MINIMIZE THE DEGRADATION OF THE EXISTING WATER QUALITY. ALL ACTIVITIES SHALL BE IN CONFORMANCE TO AND CONSISTENT WITH ALL APPLICABLE WATER QUALITY STANDARDS AND MANAGEMENT PRACTICES AS SET FORTH BY LOCAL, STATE AND FEDERAL AGENCIES.

DURING THE PERIOD OF CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES. SAID MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINSTORM. ACCUMULATED DEPOSITS OF SEDIMENT AND SILT SHALL BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE EROSION AND SEDIMENT CONTROL BARRIERS, AND UPON ESTABLISHMENT OF PERMANENT VEGETATIVE COVER, SUCH MATERIALS REMOVED SHALL BE SPREAD AND STABILIZED IN NON-WETLAND AREAS WHICH ARE NOT SUBJECT TO EROSION, OR WHICH ARE NOT TO BE PAVED OR BUILT UPON.

SEDIMENT FENCE AND OTHER EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED, CLEANED AND/OR REPLACED AS NECESSARY THROUGHOUT THE CONSTRUCTION PERIOD IN ORDER TO MAINTAIN COMPLETE AND INTEGRAL EROSION AND SEDIMENT CONTROL PROTECTION. ONCE IN PLACE, ALL EROSION AND SEDIMENT CONTROL FACILITIES AND MEASURES ARE TO REMAIN IN PLACE AND IN PROPER CONDITION AND BE CONTINUOUSLY MAINTAINED UNTIL FINAL GRADING HAS BEEN COMPLETED, ALL DISTURBED AREAS UPGRADED OF SAID FACILITIES HAVE BEEN PERMANENTLY STABILIZED, AND ALL NEWLY GRASSED AREAS HAVE HAD AT LEAST TWO MOWINGS. FOLLOWING SUCH PERMANENT STABILIZATION, THE FACILITIES SHALL BE DISMANTLED, REMOVED, AND DISPOSED OF IN AN APPROVED MANNER. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES BEYOND THOSE SHOWN ON THE PLANS OR PRESCRIBED HEREIN SHALL BE PUT IN PLACE, WHENEVER NECESSARY, TO ADDRESS FIELD CONDITIONS AND/OR AS ORDERED BY TOWN STAFF OR THEIR DESIGNATED AGENT.

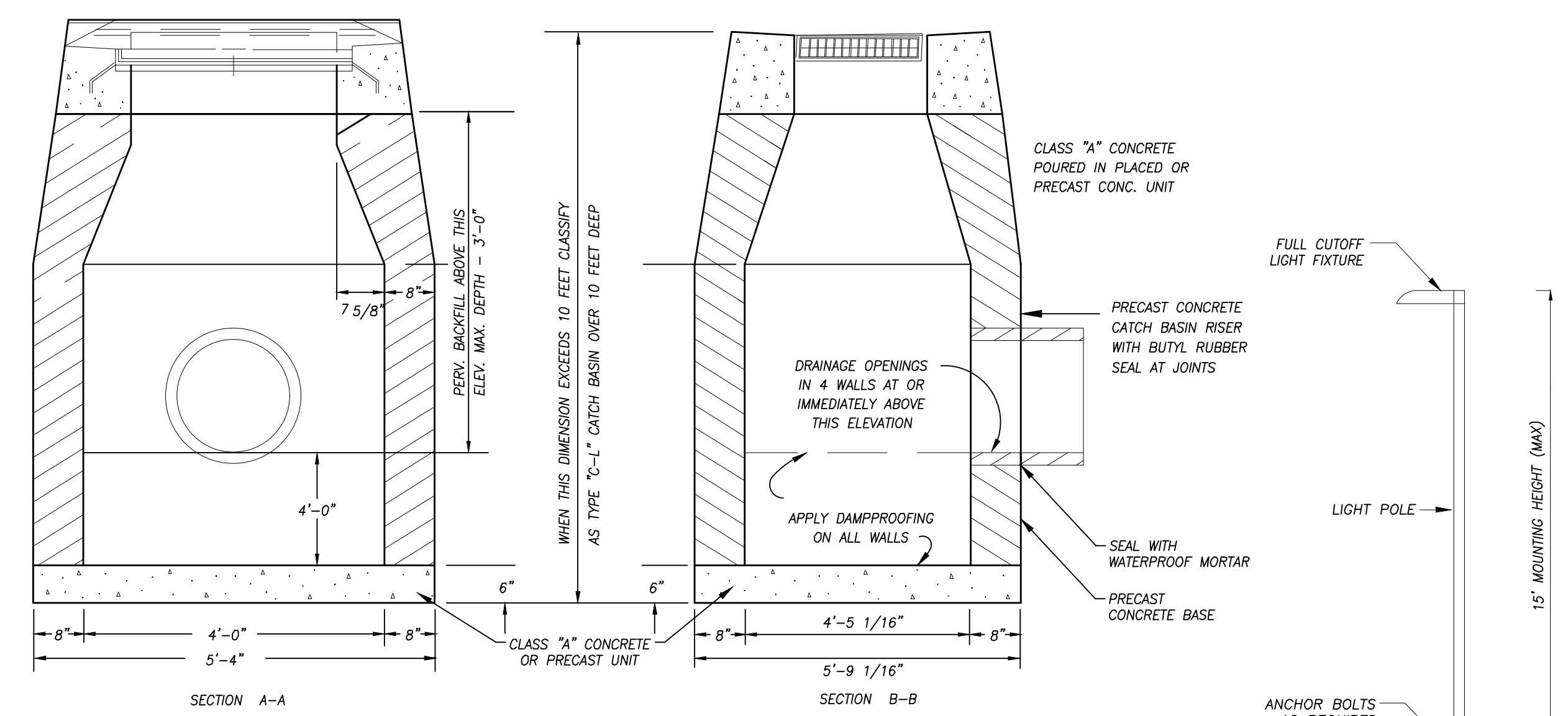
DISTURBANCE OF THE LAND SHALL BE LIMITED TO THE MINIMUM EXTENT NECESSARY TO COMPLETE THE PROPOSED DEVELOPMENT. ALL EXISTING TREES AND SHRUBS SHALL BE CONSERVED WHERE POSSIBLE, EXCEPT THOSE WHOSE REMOVAL IS REQUIRED TO PERFORM THE PROPOSED WORK. THE LIMITS OF DISTURBANCE SHALL BE ESTABLISHED IN THE FIELD PRIOR TO STARTING ANY ACTUAL CONSTRUCTION ACTIVITIES AND SHALL BE GENERALLY AS DEPICTED ON THIS PLAN.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTING THE SITE IN ACCORDANCE WITH THE PROCEDURES OUTLINED IN THE "GENERAL PERMIT FOR THE DISCHARGE OF STORMWATER AND DETERIORATING WASTEWATERS FROM CONSTRUCTION ACTIVITIES" AS ADOPTED BY THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, EFFECTIVE ON DECEMBER 31, 2020.

THE CONTRACTOR SHALL INSPECT ALL DISTURBED AREAS OF CONSTRUCTION ACTIVITY THAT HAVE NOT BEEN FINALLY STABILIZED, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF RAIN EVENTS. WHERE SITES HAVE BEEN TEMPORARILY OR FINALLY STABILIZED, SUCH INSPECTION SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH FOR THREE CONSECUTIVE MONTHS.

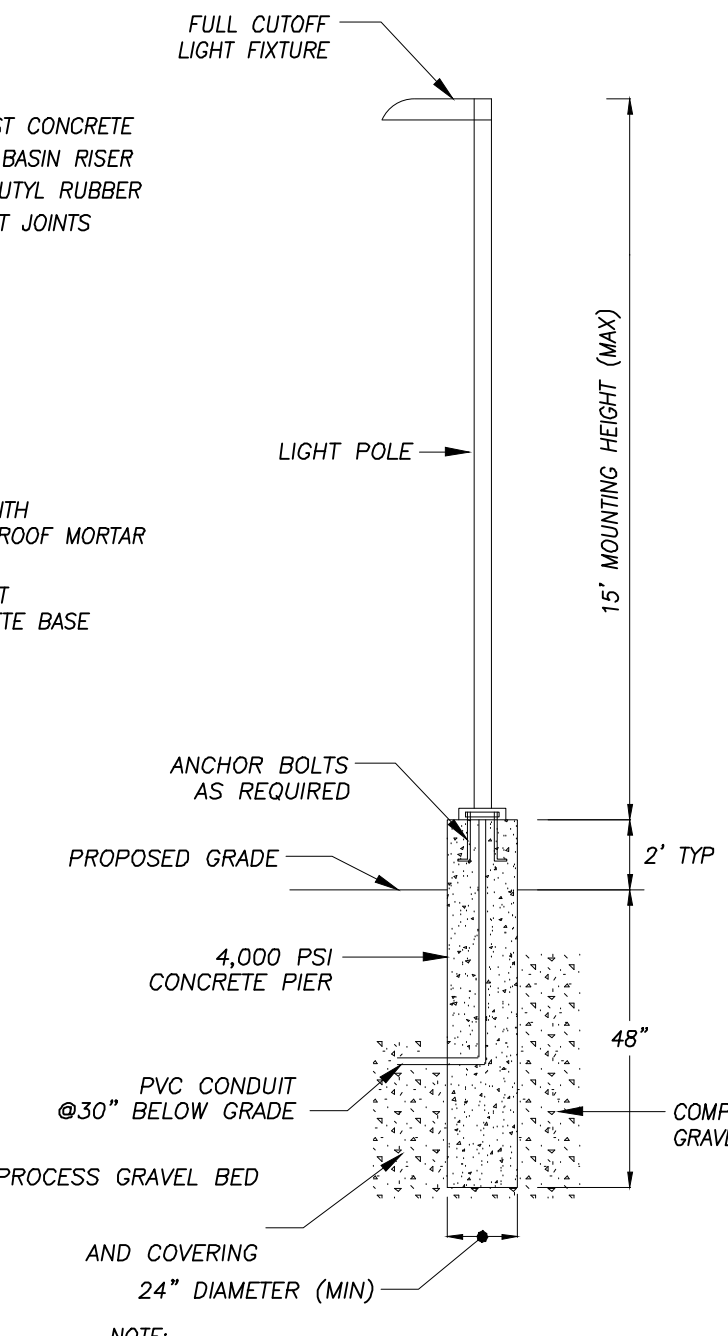
DURING CONSTRUCTION AND IMMEDIATELY FOLLOWING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE INSPECTION AND MAINTENANCE TO ENSURE PROPER PERFORMANCE OF THE SEDIMENTATION AND EROSION CONTROL SYSTEM. INSPECTING AND MAINTAINING SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:
 • INSPECTION OF ALL SEDIMENT FENCE, REMOVE ACCUMULATED SEDIMENT IF REQUIRED (GREATER THAN 4" DEPTH).
 • INSPECTION OF ALL STABLE SURFACES AT PROJECT COMPLETION, REMOVE ACCUMULATED SEDIMENT AND ANY LITTER/DEBRIS.

DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE INSPECTED TO INSURE THAT THEY ARE OPERATING CORRECTLY. DISCHARGE LOCATIONS OR POINTS SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO DOWNSTREAM WATERS. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING.



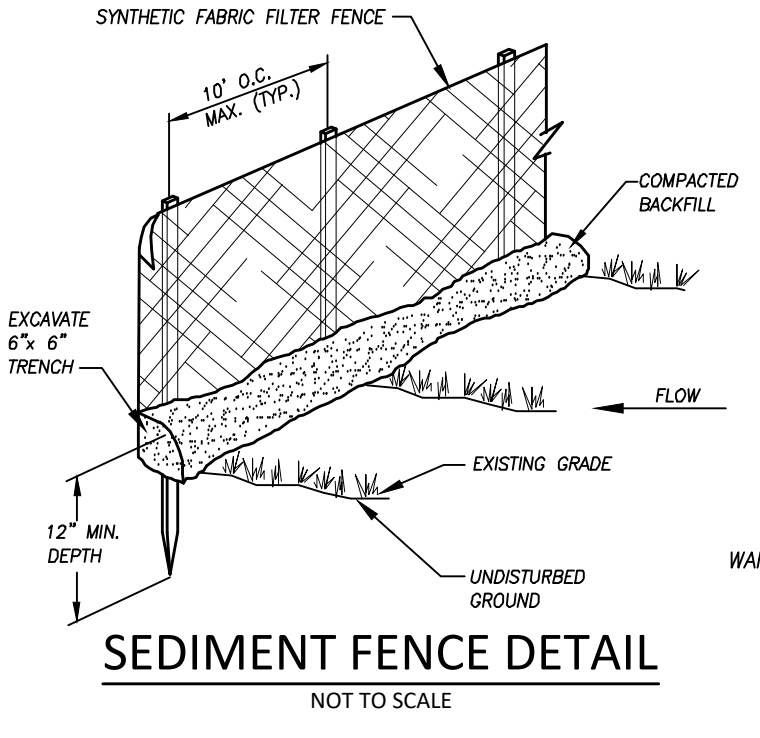
- NOTES:**
- CATCH BASIN TO BE CONSTRUCTED IN ACCORDANCE WITH CT DOT STANDARD DETAIL HW-507.01 AND TOPS TO BE PROVIDED IN ACCORDANCE WITH HW-507.07.
 - WHERE PRECAST CONCR. UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLET FROM THE CATCH BASIN.

TYPE "C-L" CATCH BASIN
NOT TO SCALE

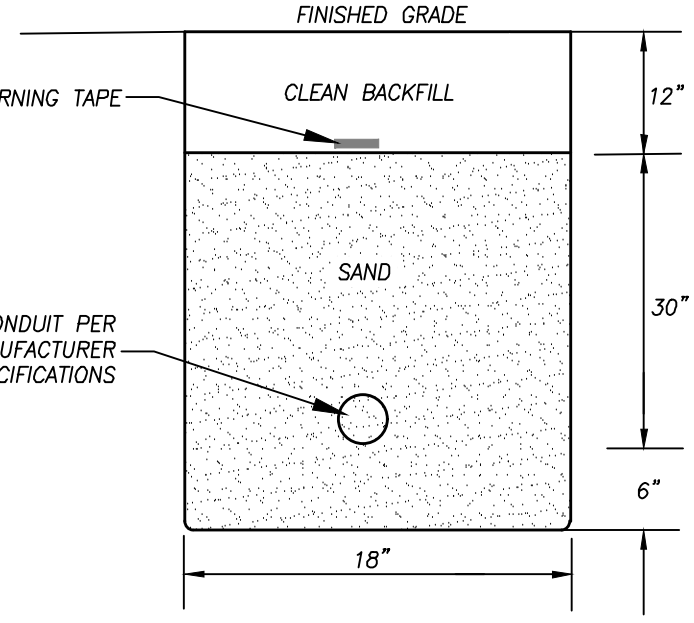


- NOTE:**
- BASE PLATE BOLT PATTERN PROVIDED BY LIGHTING MANUFACTURER.
 - CONCRETE PIER TO BE SIZED AS REQUIRED BY LIGHTING MANUFACTURER'S STRUCTURAL ENGINEER.
 - MANUFACTURER/MODEL AND INTENSITY OF ALL PROPOSED LIGHTING TO MATCH EXISTING PROJECT LIGHTING (VERIFY WITH OWNER PRIOR TO CONSTRUCTION)
 - ALL LIGHTING FIXTURES AND POLES SHALL BE MATTE BLACK POWDERCOAT OR OTHER SIMILAR DURABLE FINISH.

LIGHT POLE DETAIL
NOT TO SCALE

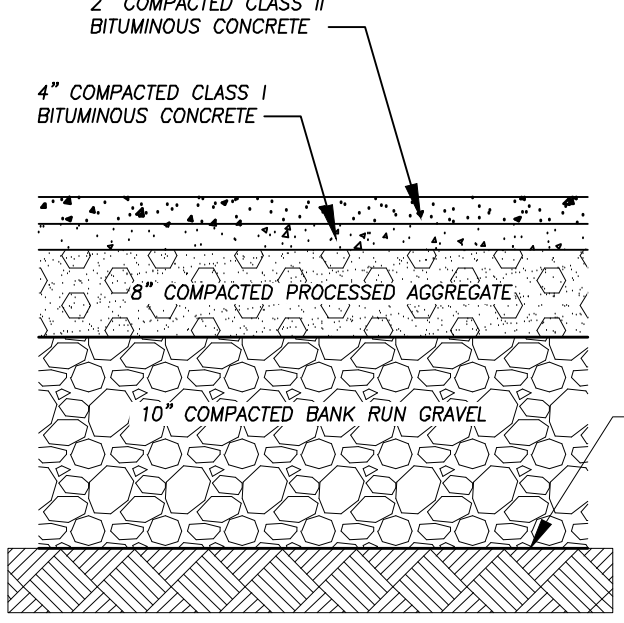


SEDIMENT FENCE DETAIL
NOT TO SCALE

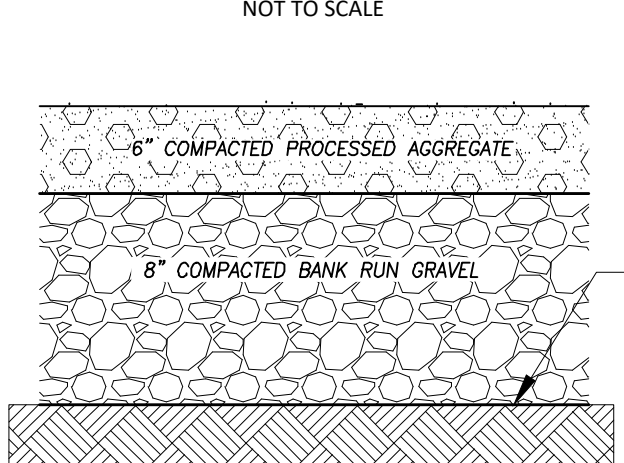


- NOTE:**
- CONTRACTOR TO CONFIRM UTILITY CONDUIT REQUIREMENTS PRIOR TO CONSTRUCTION.

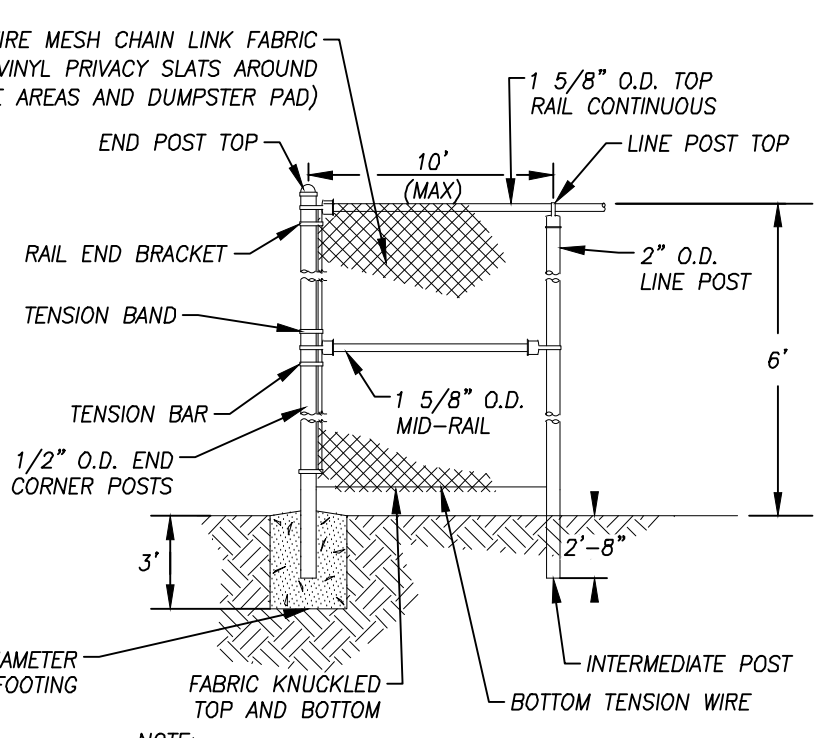
DIRECT BURIED CONDUIT TRENCH DETAIL
NOT TO SCALE



BITUMINOUS CONCRETE PAVEMENT DETAIL
NOT TO SCALE

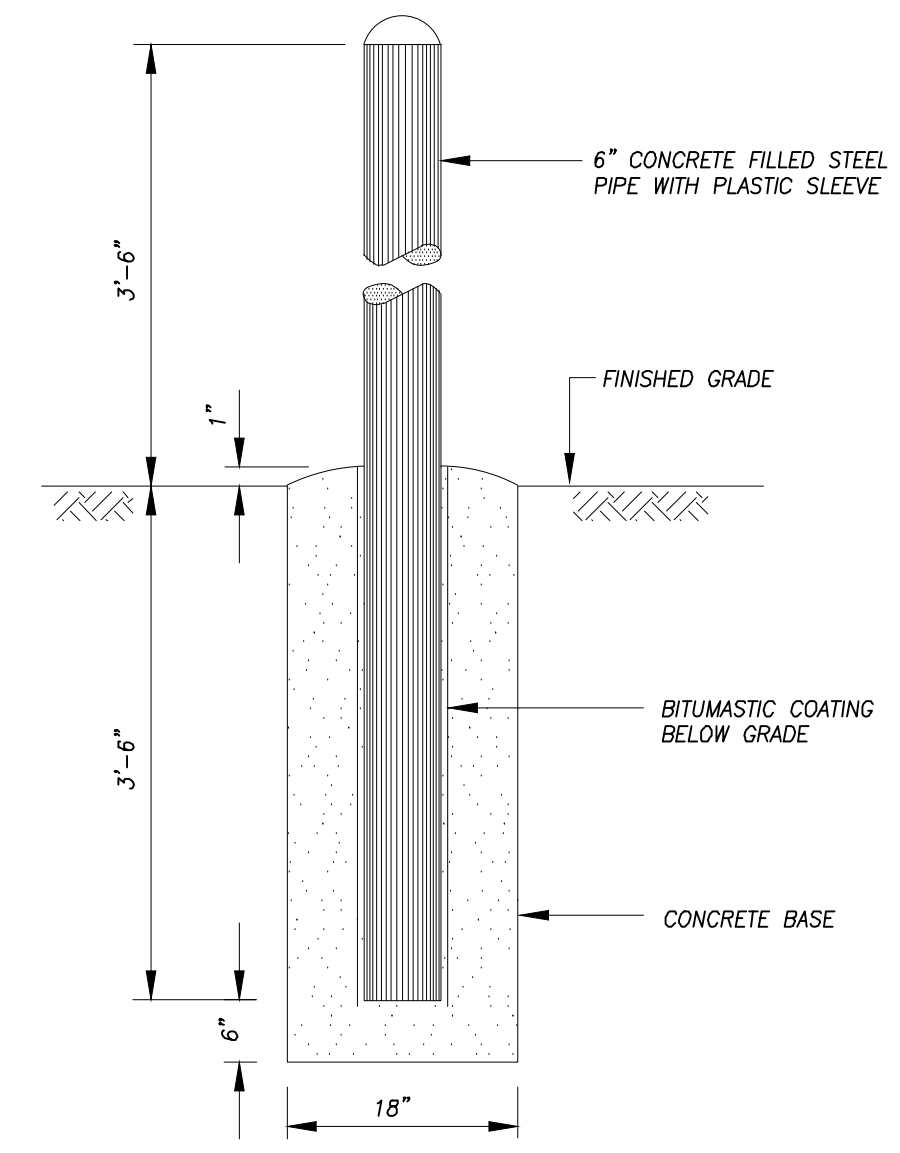


TRAFFIC BOUND GRAVEL SURFACE DETAIL
NOT TO SCALE

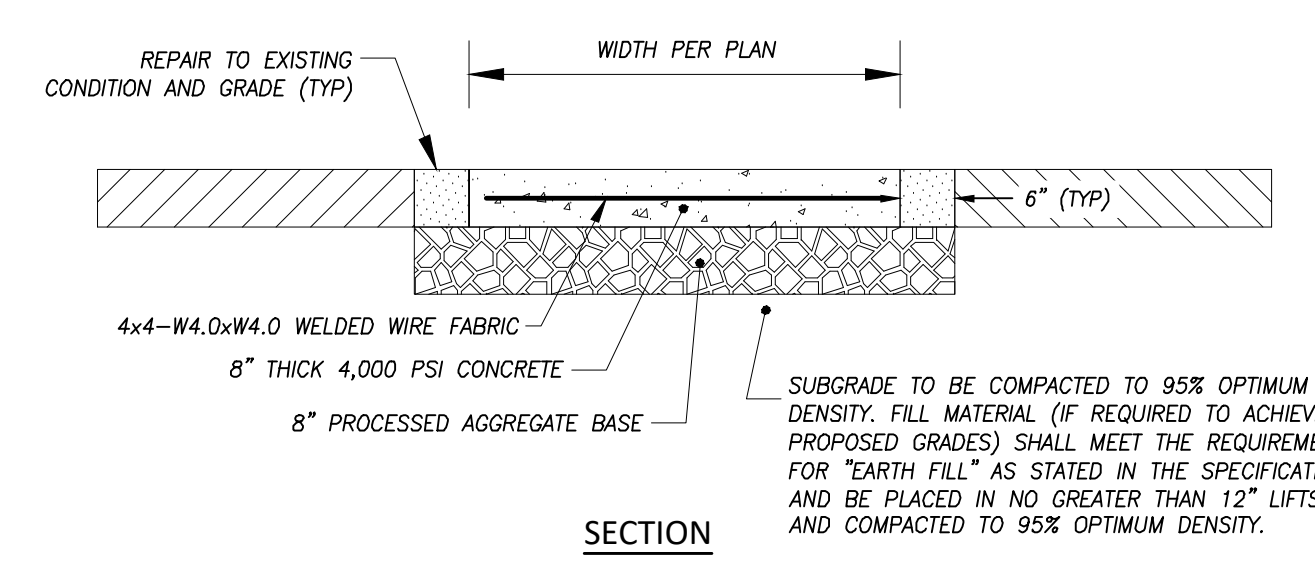


- NOTE:**
- CHAIN LINK FENCE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
 - ALL CHAIN LINK FENCE MATERIALS, FABRIC, RAILS, PIPE AND HARDWARE TO BE HOT DIP GALVANIZED AND CLAD IN BLACK VINYL.

GALVANIZED CHAIN LINK FENCE DETAIL
NOT TO SCALE

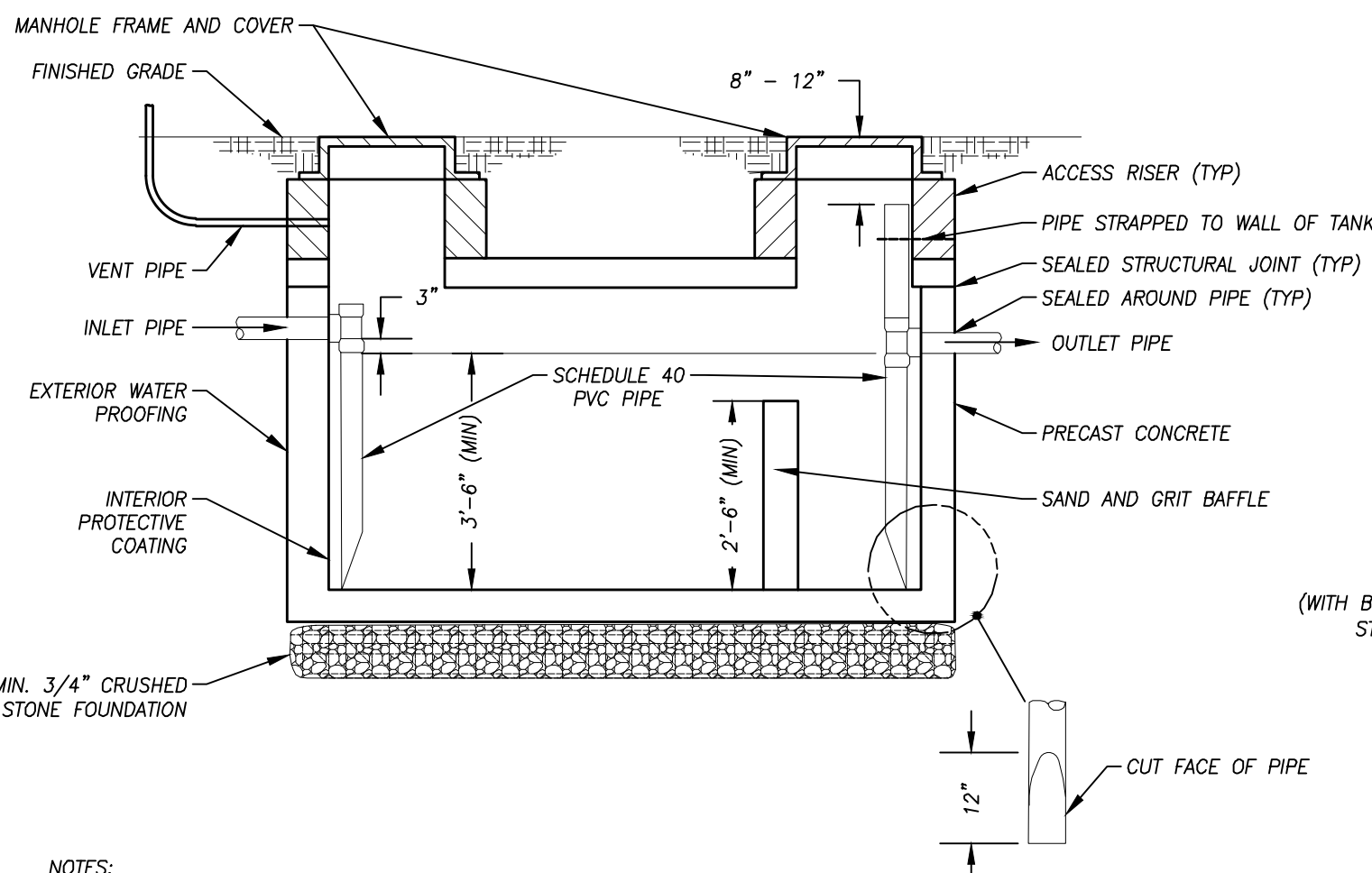


BOLLARD DETAIL
NOT TO SCALE



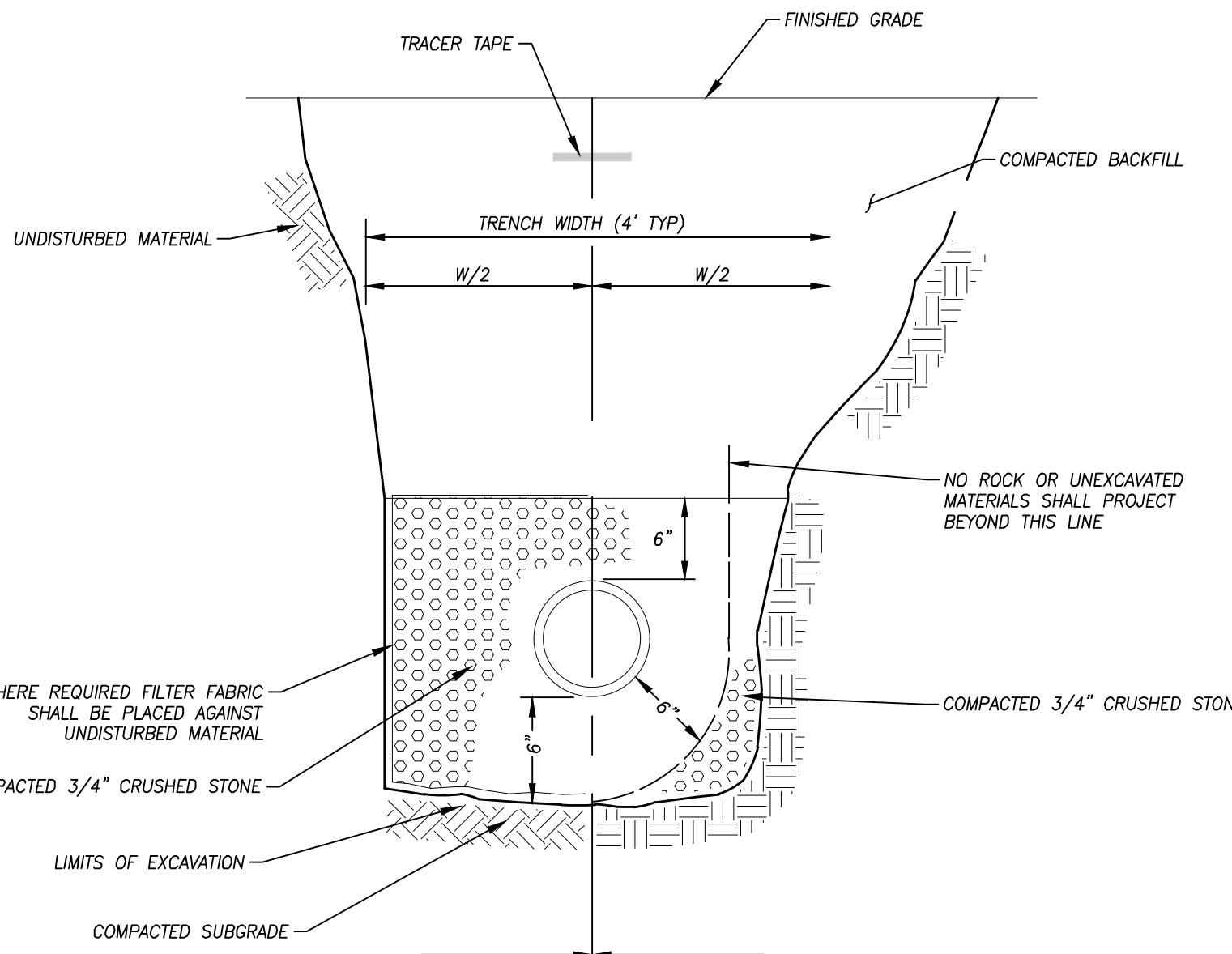
CONCRETE SLAB DETAIL
NOT TO SCALE

- NOTES:**
- EXPANSION JOINTS SHALL BE LOCATED WHERE NEW CONCRETE ABUTS EXISTING CONCRETE, CURB, WALLS OR OTHER ADJACENT STRUCTURES.
 - 1/2" PREMOULDED EXPANSION JOINT FILLER SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
 - AT THE END OF THE DAILY POUR, DOWELS SHALL BE INSERTED IN THE LAST SLAB FOR THE NEXT DAY'S POUR.



OIL WATER SEPARATOR TANK DETAIL
NOT TO SCALE

- NOTES:**
- THE CONCRETE TANK SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5,000 PSI AND SHALL BE 1/5-20 LOAD RATED WITH THE AMOUNT OF COVER SHOWN ON THE DESIGN DRAWING.
 - TANK SHALL HAVE A MINIMUM CAPACITY OF 1,000 GALLONS.
 - INTERIOR OF THE TANK AND EXTENSION TO GRADE MANHOLES SHALL BE COATED WITH AN EPOXY PETROLEUM RESISTANT SEALANT.
 - EXTERIOR OF THE TANK AND ACCESS RISERS SHALL BE COATED WITH A WATERPROOF SEALANT.
 - STRUCTURAL SEAM OF THE TANK SHALL BE FILLED WITH NON-SHRINKING GROUT OR WATER PLUG AND COATED WITH A WATERPROOF SEALANT. THE STRUCTURAL SEAM SHALL BE LOCATED ABOVE THE LIQUID LEVEL OF THE TANK.
 - THE TANK SHALL HAVE ACCESS RISERS AND MANHOLE FRAMES AND COVERS TO FINISHED GRADES ABOVE THE INLET AND OUTLET PIPES.
 - THE INLET AND OUTLET PIPING SHALL HAVE Baffle TEES. THE OUTLET TEE SHALL BE EQUIPPED WITH A STAND PIPE RISER EXTENDING TO BETWEEN 8" AND 12" FROM THE MANHOLE COVER.
 - THE INLET EXTENSION TO GRADE SHALL BE PROVIDED WITH A VENT LINE THAT EXTENDS EIGHT (8) FEET ABOVE FINISHED GRADE AND PROPERLY SECURED TO A SUPPORT. THE SIZE OF THE VENT SHALL BE HALF THE SIZE OF THE OUTLET DISCHARGE LINE.



TRENCH DETAIL (STORM DRAINAGE)
NOT TO SCALE

- NOTES:**
- THE TOP 12" OF TRENCH BACKFILL IN TRAVELED WAYS SHALL BE COMPACTED PROCESSED GRAVEL.