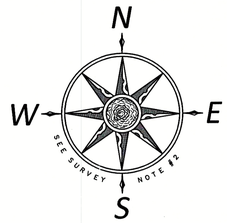

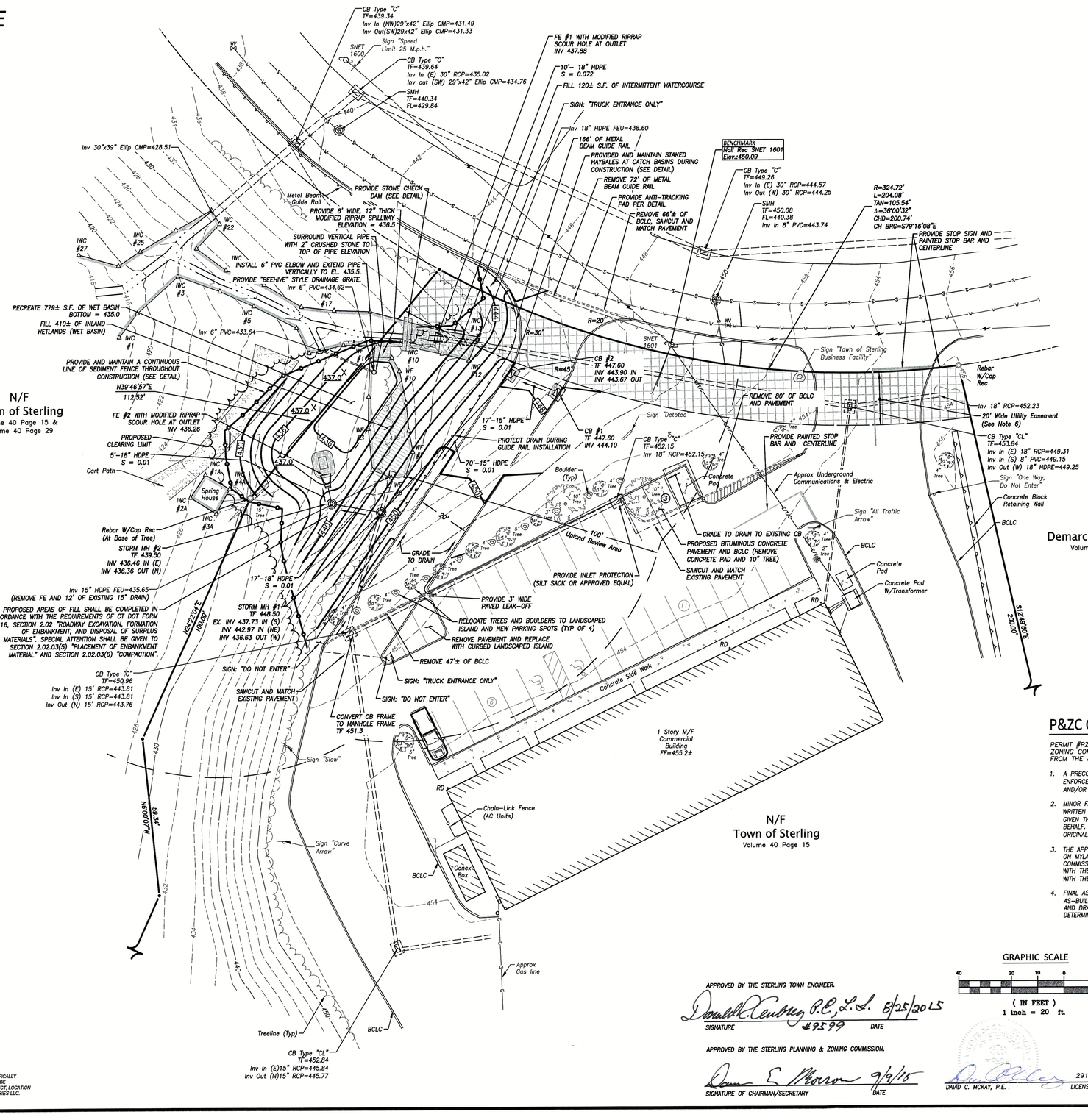

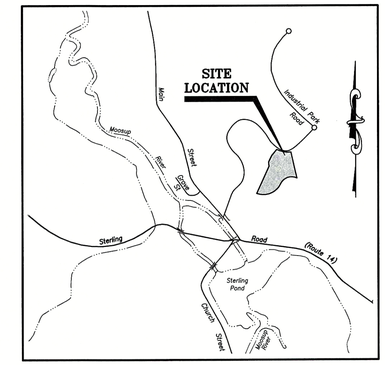

LOCATION MAP

SCALE: 1"=1,000'

LEGEND & ABBREVIATIONS

±	MORE OR LESS
TYP	TYPICAL
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE
S.F.	SQUARE FEET
FF	FINISH FLOOR
SMH	SANITARY MANHOLE
CB	CATCH BASIN
TF	TOP OF FRAME
INV	INVERT
WV	WATER VALVE
W/	WITH
M/F	METAL FRAME
△IWC #1	INLAND WATERCOURSE FLAG
△WF #1	WETLAND FLAG
REC	RECOVERED
SNET	SOUTHERN NEW ENGLAND TELEPHONE
N/F	NOW OR FORMERLY
x 200.0	EXISTING SPOT ELEVATION
x 200.0	PROPOSED SPOT ELEVATION
— 450 —	EXISTING CONTOUR
—450—	PROPOSED CONTOUR
	TREELINE
	PROPOSED LIMIT OF CLEARING
	ANGLE POINT
	IRON PIN OR REBAR
	BOULDER
	FENCE POST
	UTILITY POLE
	GUY WIRE
	CATCH BASIN
	SANITARY MANHOLE
	WATER VALVE
	SIGN

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 A IMPROVEMENT LOCATION AND TOPOGRAPHIC SURVEY BASED ON RESURVEY AND CONFORMS TO HORIZONTAL CLASS A–2 AND TOPOGRAPHIC T–2 ACCURACY STANDARDS. IT IS INTENDED TO BE USED FOR SITE DEVELOPMENT.
2. NORTH ORIENTATION DEPICTED HEREON IS BASED UPON REFERENCE MAP "A".
3. VERTICAL DATUM DEPICTED HERE ON IS APPROXIMATE NORTH AMERICAN VERTICAL DATUM BASED ON GLOBAL POSITIONING SYSTEM OBSERVATIONS, CALCULATED USING GEOID09.
4. ALL SUBTERRANEAN FEATURES AND IMPROVEMENTS MAY NOT BE DEPICTED OR NOTED HEREON.
5. THE FIELD SURVEY WAS COMPLETED ON MAY 17, 2014.
6. PROPERTY IS SUBJECT TO AN ELECTRICAL DISTRIBUTION EASEMENT GRANTED TO THE CONNECTICUT LIGHT AND POWER COMPANY AS DESCRIBED IN VOLUME 54 PAGE 350.

CONSTRUCTION NOTE

1. ALL WORK AND MATERIALS SHOWN HEREON ARE TO CONFORM TO THE APPLICABLE REQUIREMENTS OF CT DOT FORM 816, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, LATEST REVISION.

REFERENCE MAPS

A. SUBDIVISION PLAN, TOWN OF STERLING INDUSTRIAL PARK, STERLING, CONNECTICUT, SCALE: 1"=80', DATED: AUG. 4, 1983, SHEET 2 OF 5 PREPARED BY: ANDERSON–NICHOLS, LAST REVISED 3/20/1990.

B. MAP SHOWING EASEMENT AREA TO BE GRANTED TO THE CONNECTICUT LIGHT AND POWER COMPANY, ACROSS THE PROPERTY OF THE TOWN OF STERLING, TOWN OF STERLING INDUSTRIAL PARK, STERLING CONNECTICUT, SCALE: 1"=80' DATED: 9/18/1987, PREPARED BY: KIELTYKA, WOODS & PIKE

C. SITE PLAN PREPARED FOR THE TOWN OF STERLING, INDUSTRIAL PARK ROAD, STERLING CONNECTICUT, SCALE:1"=20', DATED: 8/28/00, SHEET 1 of 1, PREPARED BY: TOWNE ENGINEERING, INC.,

P&ZC CONDITIONS OF APPROVAL

PERMIT #PZ–2015–04 WAS APPROVED AT THE REGULAR MEETING OF THE STERLING PLANNING & ZONING COMMISSION HELD ON JULY 28, 2015 WITH THE FOLLOWING MODIFICATIONS, TAKEN VERBATIM FROM THE APPROVAL LETTER DATED AUGUST 12, 2015:

1. A PRECONSTRUCTION MEETING SHALL BE HELD WITH COMMISSION/TOWN STAFF (PLANNER, ENGINEER, ZONING ENFORCEMENT OFFICER, BUILDING OFFICIAL) WITH SITE CONTRACTOR PRIOR TO ANY CONSTRUCTION, GRADING AND/OR EXCAVATION ACTIVITY ASSOCIATED WITH THE CONSTRUCTION OF THE DRAINAGE AND/OR BUILDING.
2. MINOR FIELD ADJUSTMENTS TO GRADING AND LANDSCAPING MAY BE MADE BASED ON FIELD CONDITION UPON WRITTEN APPROVAL FROM THE TOWN PLANNER (CONSULT WITH TOWN ENGINEER IF NECESSARY), WHO HAS BEEN GIVEN THE AUTHORITY ON BEHALF OF THE TOWN'S PLANNING AND ZONING COMMISSION TO ACT ON THEIR BEHALF. THE TOWN PLANNER CANNOT APPROVE ANY CHANGE THAT JEOPARDIZES THE INTEGRITY OF THE ORIGINAL DESIGN (APPROVED PLANS).
3. THE APPLICANT SHALL BE REQUIRED TO FILE AN APPROVED SITE PLAN (REVISED TO INCORPORATE CONDITIONS) ON MYLAR WITH SIGNATURE BLOCKS FOR THE TOWN ENGINEER AND CHAIRMAN OF THE PLANNING AND ZONING COMMISSION FOR RECORDING WITH THE TOWN CLERK. PRIOR TO THE SIGNING AND RECORDING OF THE MYLARS WITH THE TOWN CLERK, PLANNING AND ZONING COMMISSION STAFF SHALL REVIEW THE PLANS FOR COMPLIANCE WITH THE ABOVE CONDITIONS/MODIFICATIONS.
4. FINAL AS–BUILT SHALL BE SUBMITTED TO THE TOWN TO DETERMINE COMPLIANCE WITH THE APPROVAL PLANS. AS–BUILT SHALL INCLUDE FINAL GRADES, LANDSCAPING, BUILDINGS, UTILITIES (DEPTH, SIZE, LOCATION, TYPE) AND DRAINAGE. AS–BUILT MAY INCLUDE ADDITIONAL INFORMATION DEEMED NECESSARY BY TOWN STAFF TO DETERMINE COMPLIANCE WITH APPROVALS.

GRAPHIC SCALE

40 20 10 0 20

(IN FEET)
1 inch = 20 ft.

APPROVED BY THE STERLING TOWN ENGINEER.

Donald Keubey P.E., L.S. 8/25/2015
SIGNATURE #9599 DATE

APPROVED BY THE STERLING PLANNING & ZONING COMMISSION.

Dean E. Pierson 9/9/15
SIGNATURE OF CHAIRMAN/SECRETARY DATE

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

8/17/15
DEMIAN A. SORRENTINO, C.S.S. DATE

"TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."

29102 8/17/15
DAVID C. MCKAY, P.E. LICENSE NO. DATE

70016 8-17-15
JOHN U. FARNSE, JR. L.S. LICENSE NO. DATE

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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.

P:\CIVIL 3D PROJECTS\2014\14-2258 - TOWN OF STERLING - LOT 8 SITE PLAN\DWG\DESIGN\STERLING PROPOSED DRIVEWAY_REV_C.DWG

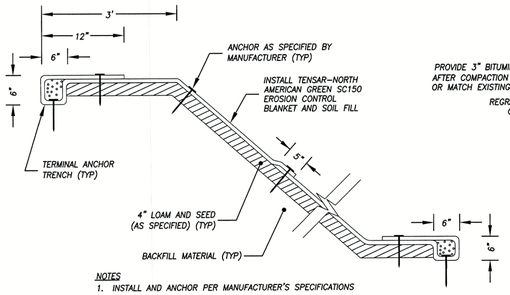
BOUNDARIES
CIVIL ENGINEERING LAND SURVEYING LAND USE PLANNING SOIL SCIENCE
Boundaries LLC
179 Padanaram Road, Danielson, CT 06239
T 860.774.3006 | www.boundaries.llc.net

Improvement Location & Topographic Survey
"Proposed Driveway"
Prepared for
Town of Sterling
#110 Industrial Park Drive, Sterling, Connecticut

SCALE:	1" = 20'
DATE:	March 2015
JOB I.D. NO.	14-2258

Revisions
Rev. A - Per IWWC Site Walk - 5/14/15
Rev. B - Per Town Staff Comments - 7/24/15
Rev. C - Per P&ZC Conditions of Approval - 8/14/15

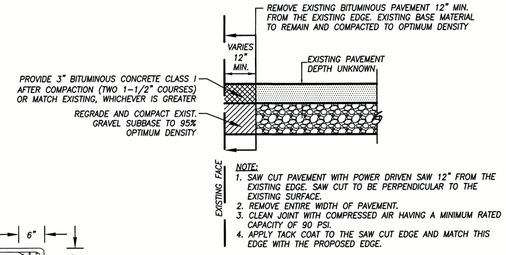
SHEET NO.
1 / 2



NOTES
1. INSTALL AND ANCHOR PER MANUFACTURER'S SPECIFICATIONS

VEGETATIVE SLOPE DETAIL

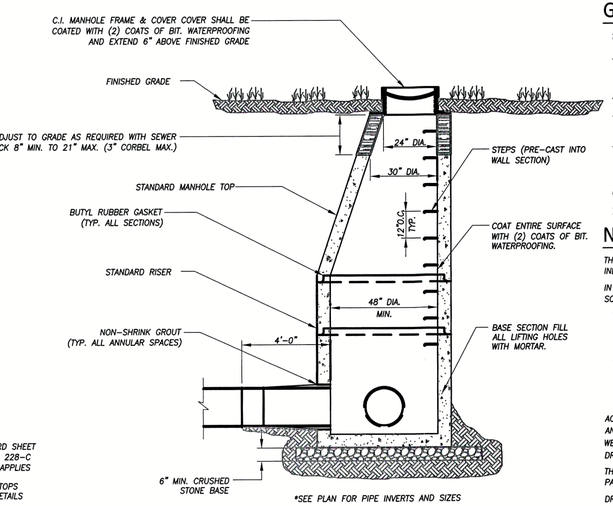
NOT TO SCALE



NOTE:
1. SAW CUT PAVEMENT WITH POWER DRIVEN SAW 12" FROM THE EXISTING EDGE. SAW CUT TO BE PERPENDICULAR TO THE EXISTING SURFACE.
2. REMOVE ENTIRE WIDTH OF PAVEMENT.
3. CLEAN JOINT WITH COMPRESSED AIR HAVING A MINIMUM RATED CAPACITY OF 90 PSI.
4. APPLY TACK COAT TO THE SAW CUT EDGE AND MATCH THIS EDGE WITH THE PROPOSED EDGE.

TYPICAL CROSS SECTION FOR MATCHING EXISTING AND PROPOSED PAVEMENT

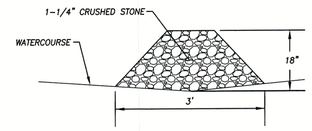
NOT TO SCALE



*SEE PLAN FOR PIPE INVERTS AND SIZES

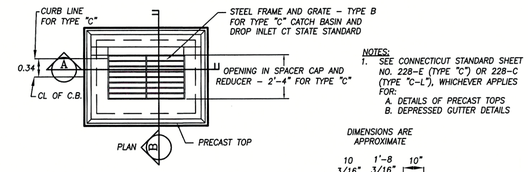
PRECAST STORM MANHOLE

NOT TO SCALE

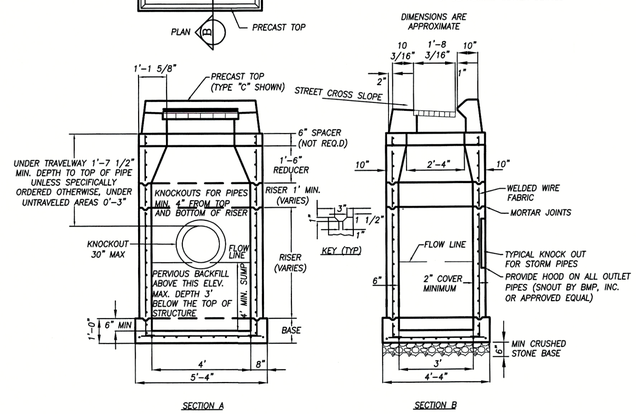


STONE CHECK DAM SECTION

NOT TO SCALE

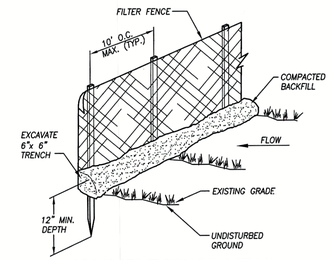


NOTES:
1. SEE CONNECTICUT STANDARD SHEET NO. 228-E (TYPE "C") OR 228-C (TYPE "C-L"), WHICHEVER APPLIES FOR:
   A. DETAILS OF PRECAST TOPS
   B. DEPRESSED GUTTER DETAILS



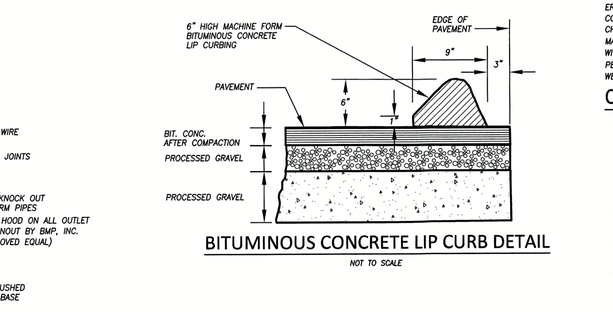
STANDARD CATCH BASIN TYPE "C"

NOT TO SCALE



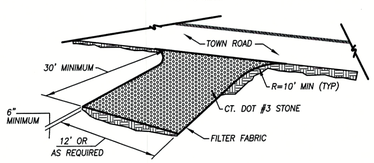
SEDIMENT FENCE DETAIL

NOT TO SCALE



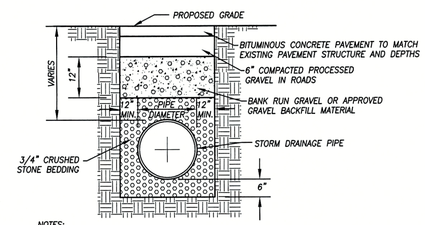
BITUMINOUS CONCRETE LIP CURB DETAIL

NOT TO SCALE



ANTI-TRACKING PAD

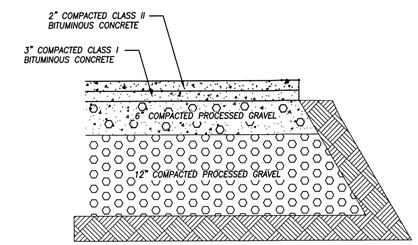
NOT TO SCALE



NOTES:
1. IF PIPE IS PLACED IN OR ON LEDGE, ALL LEDGE WITHIN 12" OF PIPE SHALL BE REMOVED AND REPLACED WITH PIPE BEDDING.
2. MINIMUM PIPE COVER AND INSTALLATION REQUIREMENTS SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS.

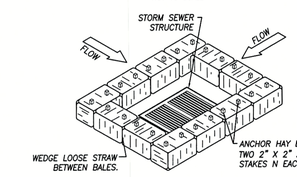
STORM PIPE TRENCH

NOT TO SCALE



BITUMINOUS CONCRETE PAVEMENT

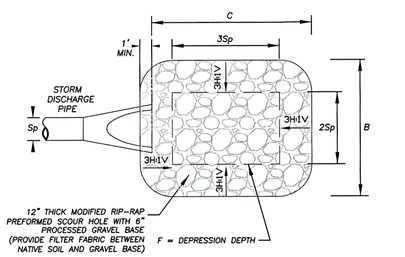
NOT TO SCALE



NOTE:
PROVIDE SILT SACK INSERT OR APPROVED EQUAL DURING CONSTRUCTION

HAY BALE INSTALLATION AT CATCH BASIN

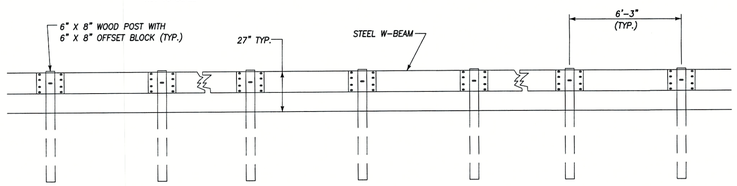
NOT TO SCALE



PIPE Sp	C	B	F	RIPRAP GRADATION
18"	9 FT	8 FT	0.75 FT	MODIFIED RIPRAP

TYPE 1 RIPRAP SCOUR HOLE DETAIL

NOT TO SCALE

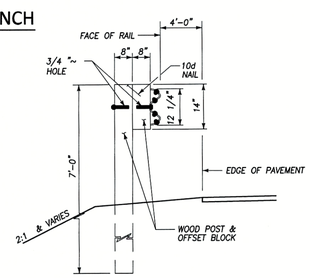


ELEVATION

STANDARD SECTION

METAL BEAM GUIDE RAIL

NOT TO SCALE



TYPICAL SIDE VIEW

SHOWN WITH FASTENERS

GENERAL NOTES

1. THIS SITE IS LOCATED IN THE INDUSTRIAL PARK IN THE TOWN OF STERLING.
2. THIS SITE IS LOCATED IN A ZONE C (AREA OF MINIMAL FLOODING) FLOOD HAZARD AREA AS TAKEN FROM THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP), FLOOD INSURANCE RATE MAP (FIRM), CONNECTICUT, NEW LONDON COUNTY, PANEL 15 OF 20, COMMUNITY PANEL 090157 0015 B, EFFECTIVE DATE APRIL 1, 1981 BY THE FLOOD EMERGENCY MANAGEMENT AGENCY. (ZONE C IS NOT A SPECIAL FLOOD HAZARD AREA)
3. PROPERTY OWNER AND APPLICANT: TOWN OF STERLING.
4. ALL EXISTING UTILITIES ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS AND ELEVATIONS PRIOR TO ANY CONSTRUCTION. CONTRACTOR SHALL CONTACT "CALL-BEFORE-YOU-DIG" AT 1-800-922-4455 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION.
5. THIS PROPOSAL INVOLVES THE CONSTRUCTION OF A PAVED DRIVEWAY ENTRANCE TO ACCOMMODATE TRUCK TRAFFIC (WB-40 DESIGN VEHICLE) AT AN EXISTING INDUSTRIAL BUILDING IN THE STERLING INDUSTRIAL PARK. SITE IMPROVEMENTS INCLUDE EXTENDING AN EXISTING CULVERT, REMOVING A FOREBAY BASIN FOR EXISTING DRAINAGE SYSTEM AND CONSTRUCTING A NEW FOREBAY BASIN IN A DIFFERENT LOCATION, DRAINAGE IMPROVEMENTS, STABILIZING ALL DISTURBED AREAS AND ASSOCIATED SITE IMPROVEMENTS.
6. THE LIMITS OF REGULATED INLAND WETLANDS AND WATERCOURSES WERE DELINEATED AND FIELD LOCATED BY BOUNDARIES LLC.
7. THE EXISTING BUILDING IS SERVED BY PUBLIC WATER AND PUBLIC SEWER.

NARRATIVE

THIS PROPOSAL INVOLVES THE CONSTRUCTION OF AN ADDITIONAL PAVED ENTRANCE DRIVEWAY TO ACCOMMODATE TRUCK TRAFFIC AT AN EXISTING INDUSTRIAL BUILDING IN THE STERLING INDUSTRIAL PARK. THE EXISTING BUILDING IS SERVED BY PUBLIC WATER AND PUBLIC SEWER.

IN THE AREA OF THE PROPOSED DRIVEWAY, THERE ARE 2 AREAS OF REGULATED INLAND WETLANDS/WATERCOURSES AS DETERMINED BY DEMIAN SORRENTINO, CERTIFIED SOIL SCIENTIST THAT WILL BE AFFECTED BY THE PROPOSED ACTIVITIES AS FOLLOWS:

1. AN INTERMITTENT WATERCOURSE BEGINS AT THE TERMINUS OF AN EXISTING 18" HDPE CULVERT OUTLET AND CONTINUES DOWNGRADIENT. ALTHOUGH THE DRIVEWAY WILL BE CONSTRUCTED UPGRADIENT OF THIS INTERMITTENT WATERCOURSE, THE ASSOCIATED 2:1 SLOPE FOR THE DRIVEWAY WILL REQUIRE EXTENDING THE PIPE BY 10' AND FILLING A 13' LONG BY 9' WIDE AREA (120± SF AREA) OF INTERMITTENT WATERCOURSE.
2. THERE IS A 47' X 15' (705± SF) AREA OF MANMADE INLAND WETLANDS ALSO LOCATED WITHIN THE EMBANKMENT SLOPE AREA FOR THE DRIVEWAY. THIS WETLANDS WAS CONSTRUCTED WITH THE ORIGINAL SITE DEVELOPMENT TO ACT AS A FOREBAY FOR THE EXISTING DRAINAGE SYSTEM ON THIS PROPERTY. A 28' X 15' (410± SF AREA) PORTION OF THIS FOREBAY WILL BE FILLED TO INSTALL THE DRIVEWAY EMBANKMENT SLOPE AND A LARGER FOREBAY (41' X 19' OR 779± SF) WILL BE CONSTRUCTED TO EXPAND THE EXISTING BASIN AND ACCOMMODATE BOTH THE EXISTING SITE DRAINAGE AND THE PROPOSED DRAINAGE FROM THE NEW PAVED DRIVEWAY.

ACCORDING TO THE NRCS WEB SOIL SURVEY, THE PROPOSED DRIVEWAY AREA CONTAINS CANTON AND CHARLTON SOILS, 3-8% SLOPES, VERY STONY AND CHARLTON-CHATFIELD COMPLEX, 3-15% SLOPES, VERY ROCKY. THE PROPOSED DRIVEWAY AREA SLOPES DOWN TO THE NORTHWEST (TOWARD THE WETLANDS) AT APPROXIMATELY 18-33± %. THE EXISTING SLOPE ON THE NORTHWEST CORNER OF THE EXISTING PARKING AREA (WHERE THE NEW DRIVEWAY WILL CONNECT) IS AT A 1.25:1 SLOPE (80 %). THE PROPOSED SLOPE GRADES WILL BE 2:1 (HORIZONTAL:VERTICAL).

THE MAJORITY OF THE PROPOSED DRIVEWAY AREA IS A GRASSED LAWN SLOPING FROM THE EXISTING PARKING AREA ON SITE DOWN TO INDUSTRIAL PARK ROAD.

DRAINAGE STRUCTURES (CATCH BASINS) WILL BE INSTALLED IN THE PROPOSED DRIVEWAY TO COLLECT STORMWATER RUNOFF PRIOR TO FLOWING ONTO INDUSTRIAL PARK ROAD. THIS RUNOFF WILL BE COMBINED WITH THE OTHER RUNOFF FROM THE SITE AND WILL BE DISCHARGED INTO THE FOREBAY BASIN.

THE FILL MATERIAL FOR THE DRIVEWAY WILL CONSIST OF EXCAVATED EARTH MATERIALS FROM THE REAR OF THE PROPERTY IN COMPLIANCE WITH A PREVIOUSLY APPROVED EXCAVATION PERMIT FOR THAT ACTIVITY.

EROSION CONTROL MEASURES TO BE IMPLEMENTED DURING CONSTRUCTION INCLUDE WOOD CHIP BERMS OR SEDIMENT FENCE DOWN GRADIENT OF CONSTRUCTION AREAS, RIP RAP APRONS AT ALL DISCHARGES AND STAKED HAY BALES AT LOCATIONS DOWN GRADIENT OF DRAINAGE OUTLETS. WOOD CHIP BERMS OR SEDIMENT FENCE WILL BE INSTALLED DOWNGRADIENT OF THE CONSTRUCTION AREA. ALL EROSION CONTROL MEASURES WILL BE MAINTAINED THROUGHOUT THE PROJECT. AFTER CONSTRUCTION IS COMPLETED, ALL DISTURBED AREAS SHALL BE LOAMED (4" MINIMUM) AND SEEDED WITH GRASS FOR PERMANENT STABILIZATION. EROSION CONTROL MEASURES WILL BE REMOVED ONLY AFTER ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED. FOREBAY BASIN AREA SHALL BE LOAMED (6" MINIMUM) AND SEEDED WITH NEW ENGLAND WETMIX BY NEW ENGLAND WETLANDS PLANTS, INC. OR APPROVED EQUAL.

CONSTRUCTION SEQUENCE

1. SECURE ALL NECESSARY LOCAL, STATE, AND FEDERAL PERMITS.
2. CLEAR ALL VEGETATION WITHIN THE PROPOSED DRIVEWAY AND SLOPE AREA. INSTALL SEDIMENT FENCE OR CHIP TREES AND INSTALL WOOD CHIP BERM DOWNGRADIENT OF PROPOSED CONSTRUCTION AREAS AT LOCATIONS SHOWN. INSTALL STAKED HAY BALES IN AREAS OF FLOW.
3. GRUB ALL VEGETATION AND STRIP ALL ORGANIC FROM THE PROPOSED DEVELOPMENT AREA AND STOCKPILE IT FOR FUTURE REUSE AT LOCATIONS SHOWN. TEMPORARILY SEED THIS STOCKPILE WITH RYEGRASS AND INSTALL SEDIMENT FENCE AROUND THE DOWNGRADIENT SIDE OF STOCKPILE.
4. EXCAVATE SUITABLE FILL MATERIAL IN THE AREA PERMITTED IN THE REAR OF THE PROPERTY AND PLACE IN PROPOSED DRIVEWAY AND SLOPE AREAS AS REQUIRED TO ATTAIN PROPOSED GRADES. PLACE AND COMPACT THIS MATERIAL IN 12" LIFTS.
5. INSTALL DRAINAGE SYSTEM INCLUDING PIPE EXTENSION, FOREBAY EXPANSION AND RIPRAP SCOUR HOLES AT PIPE OUTLETS. LOAM ALL DISTURBED AREAS WITH 4" OF TOPSOIL, SEED AND MULCH.
6. ROUGH GRADE DRIVEWAY AND SLOPES TO SUBGRADE ELEVATION.
7. PLACE AND COMPACT GRAVEL BASE AND PAVEMENT STRUCTURE AND INSTALL BITUMINOUS CONCRETE IN PROPOSED PAVEMENT AREAS. INSTALL CURBING.
8. LOAM ALL DISTURBED AREAS WITH 4" OF TOPSOIL, SEED AND MULCH. REPLACE LANDSCAPING, WHERE APPLICABLE AND AS REQUIRED BY THE TOWN.
9. AFTER ALL AREAS HAVE BEEN PERMANENTLY STABILIZED, REMOVE EROSION CONTROL MEASURES.

EROSION CONTROL NOTES

1. THE RESPONSIBILITY FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES IS WITH THE EXCAVATION CONTRACTOR WHICH IS UNDETERMINED AT THIS TIME.
2. 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, DEP BULLETIN 34, SHALL BE USED FOR INSTALLING AND MAINTAINING ALL EROSION CONTROL MEASURES. THE CONTRACTOR SHALL INSTALL ADDITIONAL MEASURES AS NECESSARY IF DIRECTED BY THE ENGINEER OR THE TOWN OF STERLING STAFF.
3. SEEDING FOR PERMANENT STABILIZATION SHALL BE DONE BETWEEN APRIL 15 THROUGH JUNE 15 OR BETWEEN AUGUST 15 THROUGH SEPTEMBER 15. IF SEEDING CANNOT BE DONE WITHIN THESE TIMES, APPLY TEMPORARY MULCH UNTIL NEXT SEEDING TIME. SEED MIXTURE SHALL BE AS FOLLOWS:

ALL SLOPE AREAS:			
CROWN VETCH	15 LBS/ACRE	OR	0.35 LBS/1,000 SF
PERENNIAL RYEGRASS	10 LBS/ACRE	OR	0.25 LBS/1,000 SF
ALL OTHER GRASSED AREAS:			
CREEPING RED FESCUE	20 LBS/ACRE	OR	0.45 LBS/1,000 SF
REDTOP	2 LBS/ACRE	OR	0.05 LBS/1,000 SF
CROWN VETCH	15 LBS/ACRE	OR	0.35 LBS/1,000 SF
FOREBAY BASIN AREA:			
NEW ENGLAND EROSION CONTROL/ RESTORATION MIX FOR DETENTION BASINS	35 LBS/ACRE	OR	0.80 LBS/1,000 SF

4. MULCH SHALL BE A GOOD QUALITY HAY OR STRAW AND SHALL BE APPLIED AT A RATE OF 2-3 BALES/100 SF. FOR ALL SLOPES STEEPER THAN 3H:1V AN EROSION CONTROL BLANKET SHALL BE INSTALLED INSTEAD OF HAY/STRAW MULCH. TEMPORARY EROSION CONTROL BLANKET SHALL BE TENSAR-NORTH AMERICAN GREEN SC150, OR APPROVED EQUAL, INSTALLED IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS.
5. TOPSOIL SHALL INCLUSIVELY MEAN A SOIL MEETING ONE OF THE FOLLOWING SOIL TEXTURAL CLASSES ESTABLISHED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE CLASSIFICATION SYSTEM BASED UPON THE PROPORTION OF SAND, SILT, AND CLAY SIZE PARTICLES AFTER PASSING A 2 MILLIMETER (MM) SIEVE AND SUBJECTED TO A PARTICLE SIZE ANALYSIS:
   5.1. LOAMY SAND, INCLUDING COARSE, LOAMY FINE, AND LOAMY VERY FINE SAND, SANDY LOAM, INCLUDING COARSE, FINE AND VERY FINE SANDY LOAM, LOAM, OR SILT LOAM WITH NOT MORE THAN 60% SILT;
   5.2. CONTAINING NOT LESS THAN 6% AND NOT MORE THAN 20% ORGANIC MATTER AS DETERMINED BY LOSS-ON-IGNITION OF OVEN DRIED SAMPLES DRIED AT 105 DEGREES CENTIGRADE;
   5.3. POSSESSING A PH RANGE OF 6.0-7.5, EXCEPT IF THE VEGETATIVE PRACTICE BEING USED SPECIFICALLY REQUIRES A LOWER PH, THEN PH MAY BE ADJUSTED ACCORDINGLY;
   5.4. HAVING SOLUBLE SALTS NOT EXCEEDING 500 PPM;
   5.5. AND THAT IS LOOSE AND FRIABLE AND FREE FROM REFUSE, STUMPS, ROOTS, BRUSH, WEEDS, FROZEN PARTICLES, ROCKS, AND STONES OVER 1.25 INCHES IN DIAMETER, AND ANY MATERIAL THAT WILL PREVENT THE FORMATION OF A SUITABLE SEEDBED OR PREVENT SEED GERMINATION AND PLANT GROWTH.
6. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WITHIN 24 HOURS AFTER RAIN EVENTS AND REPAIRED OR REPLACED AS NECESSARY TO INSURE COMPLIANCE WITH THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.
7. DUST CONTROL MEASURES WILL BE IMPLEMENTED DURING DRY CONDITIONS AND INCLUDE WATERING WITH A TANK TRUCK ON AN AS-NEEDED BASIS IN ORDER TO INSURE THAT NO AMBIENT DUST CONDITIONS ARE GENERATED FROM THE PROJECT.

STORMWATER SYSTEM OPERATION AND MAINTENANCE

1. THE PROPOSED STORMWATER MANAGEMENT SYSTEM INCLUDES TWO (2) DEEP SUMP CATCH BASINS AND A PREFORMED RIP RAP SCOUR HOLE.
2. CATCH BASINS SHALL BE INSPECTED ANNUALLY, AS SOON AS POSSIBLE FOLLOWING THE SNOW AND ICE REMOVAL SEASON, PREFERABLY PRIOR TO SPRING RAINFALL EVENTS. CATCH BASIN CLEANING SHOULD OCCUR IF SEDIMENT HAS FILLED ONE HALF OF THE TOTAL SUMP DEPTH (I.E. LESS THAN TWO FEET FROM THE INVERT OF THE OUTLET PIPE TO THE SEDIMENT DEPOSIT.) SEDIMENT SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
3. RIP RAP SCOUR HOLES SHALL BE INSPECTED ANNUALLY FOR SIGNS OF SCOUR AND ACCUMULATION OF DEBRIS AND SEDIMENT. IF SCOUR HAS OCCURRED THE RIP RAP AND GRAVEL SHALL BE REPLACED. DEBRIS SHALL BE DISPOSED OF AS REQUIRED.

DAVID C. MCKAY, P.E. — 29102 LICENSE NO. — 8/17/15 DATE

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P:\CIVIL 3D PROJECTS\2014\14-2258 - TOWN OF STERLING - LOT 8 SITE PLAN\DWG\DESIGN\STERLING PROPOSED DRIVEWAY_REV_C.DWG

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Improvement Location & Topographic Survey
"Proposed Driveway - Notes & Details"
Prepared for
Town of Sterling
#110 Industrial Park Drive, Sterling, Connecticut

SCALE: None
DATE: March 2015
JOB I.D. NO. 14-2258

Revisions
Rev. A - Per IWWC Site Walk - 5/14/15
Rev. B - Per Town Staff Comments - 7/24/15
Rev. C - Per P&ZC Conditions of Approval - 8/14/15

SHEET NO.
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