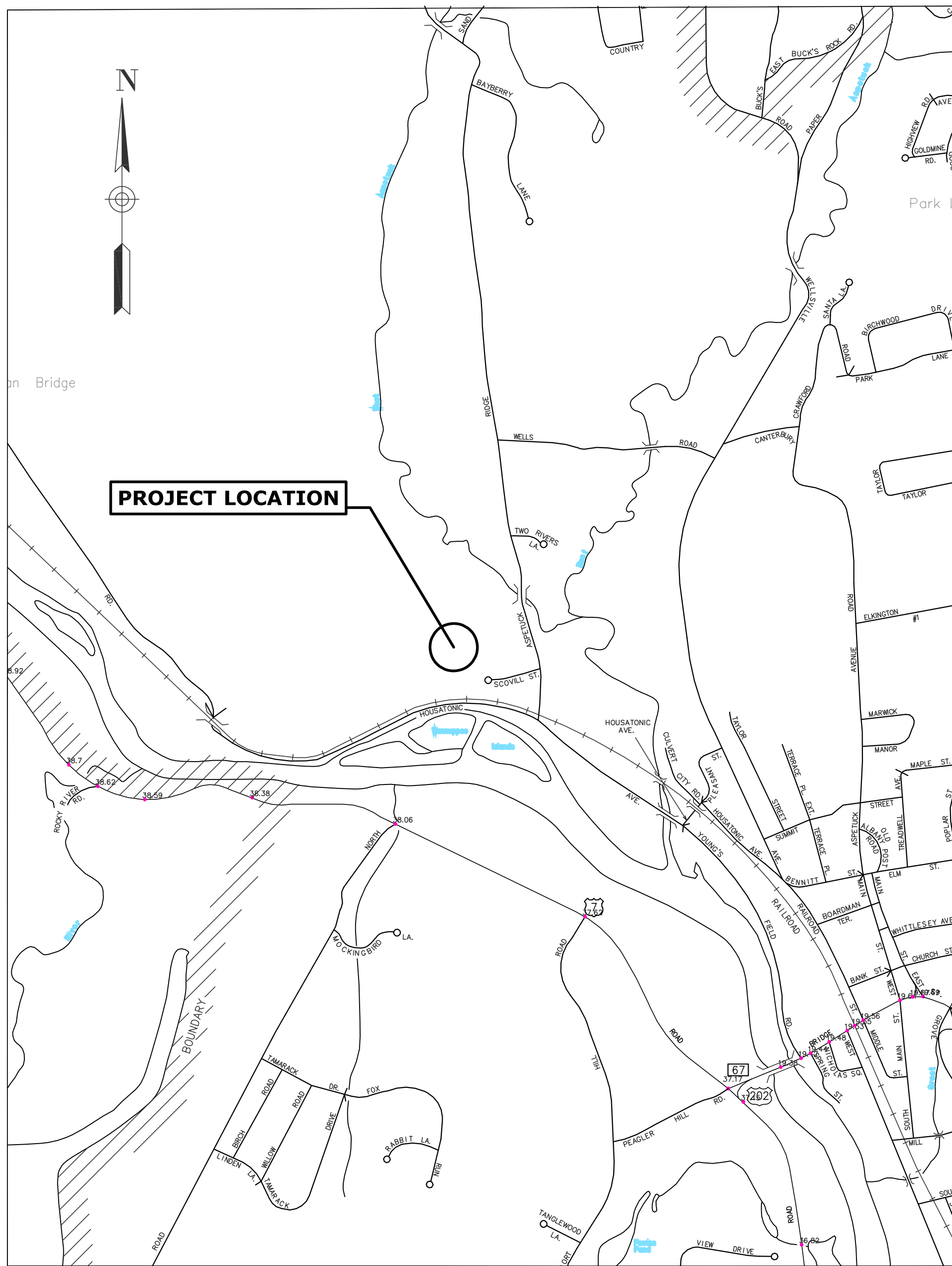
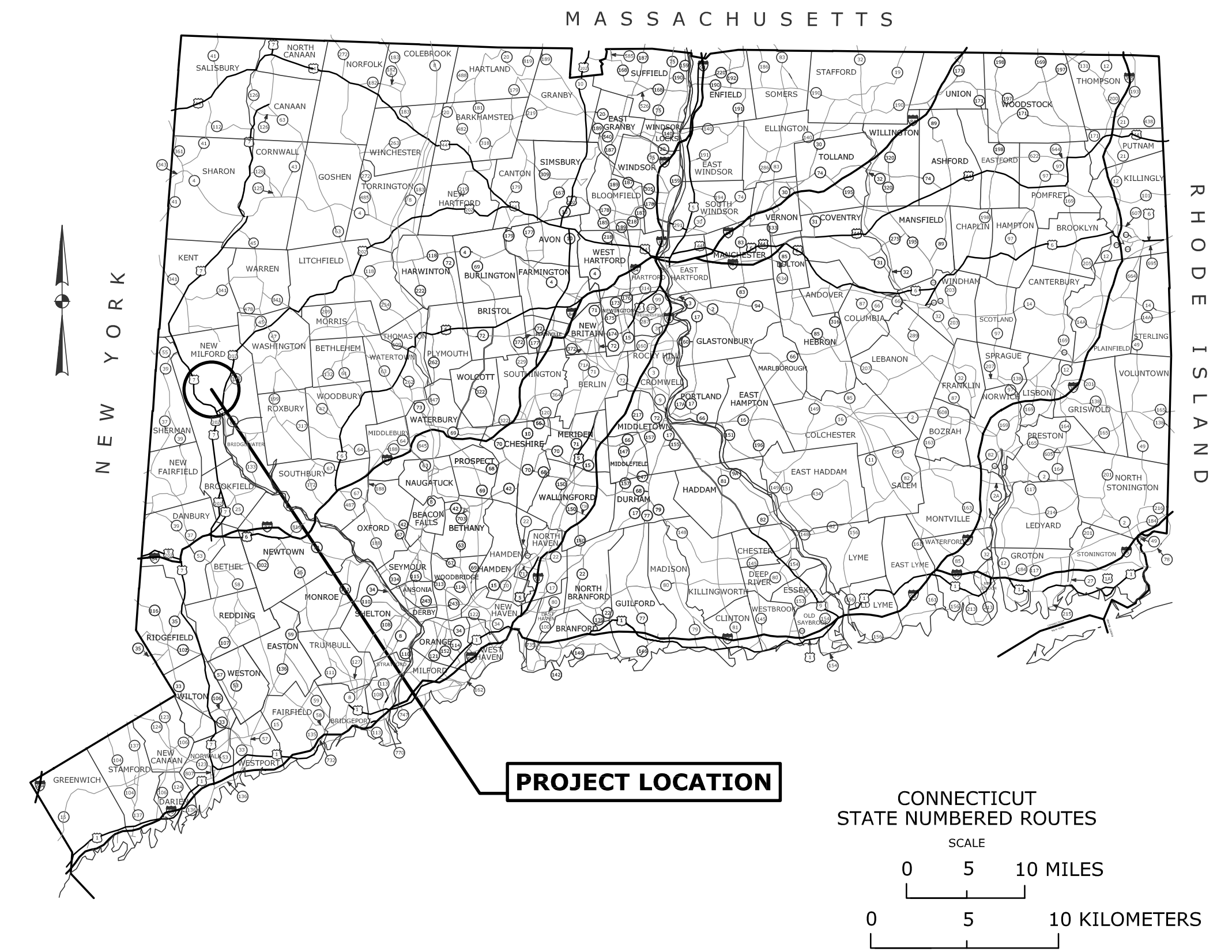


TOWN OF NEW MILFORD CONNECTICUT

PLANS FOR THE NEW PUBLIC WORKS FACILITY

TO BE MAINTAINED BY THE TOWN OF NEW MILFORD
(FOR PERMITTING ONLY)



LOCATION MAP
SCALE: 1" = 500'

TECHNICAL SPECIFICATIONS: STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION (FORM 818) AND ALL LATEST SUPPLEMENTAL SPECIFICATIONS THERETO, AS WELL AS THE TOWN OF NEW MILFORD PUBLIC IMPROVEMENT SPECIFICATIONS.

DESIGN STANDARDS: AASHTO POLICY ON THE GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, DATED 2004 AND THE CONNECTICUT DEPARTMENT OF TRANSPORTATION HIGHWAY DESIGN MANUAL DATED 2003.

SURVEY: ALL COORDINATES ON THE PROJECT ARE BASED ON NAD 83. ALL ELEVATIONS ARE BASED ON NAVD 1988.

CONNECTICUT DEPARTMENT OF TRANSPORTATION OR TOWN OF NEW MILFORD BIDDING AND OTHER INFORMATION AND DOCUMENTS WHICH ARE OBTAINED THROUGH THE INTERNET, WORLD WIDE WEB SITES OR OTHER SOURCES ARE NOT TO BE CONSTRUED TO BE OFFICIAL INFORMATION FOR THE PURPOSES OF BIDDING OR CONDUCTING OTHER BUSINESS WITH THE TOWN OF NEW MILFORD.

IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS FROM OFFICIAL SOURCES WITHIN THE TOWN OF NEW MILFORD.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE TOWN OF NEW MILFORD TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

STANDARD CONVENTIONS		LEGEND:	
North Arrow W/No. Coord.	Grid Arrow	○ Iron Pin (Found)	□ Monument (Found)
Edge Of Road	Limit Of Marsh	△ Sign	⊙ Sewer Manhole
Concrete Pavement	Stone Wall	⊙ Electric Manhole	⊙ Telephone Manhole
Dirt Road	Ledge Outcrop	⊙ "C" Catch Basin	□ "C-L" Catch Basin
B.C.L.C.	Inland Wetland Limits	☆ Light Pole	○ Metal/Timber Post
Concrete Curb	STATE LINE	○ Utility Pole	⊕ Water Gate
Guide Rail	Power Line	⊕ Guy Anchor	⊕ Gas Valve
Concrete Median Barrier	Swamp	⊕ Guy Anchor	⊕ Gas Meter
Bit. Walk	Building	⊕ Mail Box	X Fence Line
Conc. Sidewalk	Transmission Tower	— Guide Rail	S Piping (Sanitary)
Railroad Tracks	Riprap	— D Piping (Storm)	G Gas
Chain Link Fence	Hedge Row	— E U/G Elec. Line	W Water Line
Rustic Fence	Tree Line	— OHW Overhead Utilities	— T U/G Tele. Line
Pipe Fence	Shrub		
Board Fence	Evergreen Tree		
Water Edge	Deciduous Tree		
Stream	Retaining Wall		
Ditch	Highway Line		
TOWN LINE	Street Line		
Boring Location	Property Line		
	Lot Line		
	Easement Line		

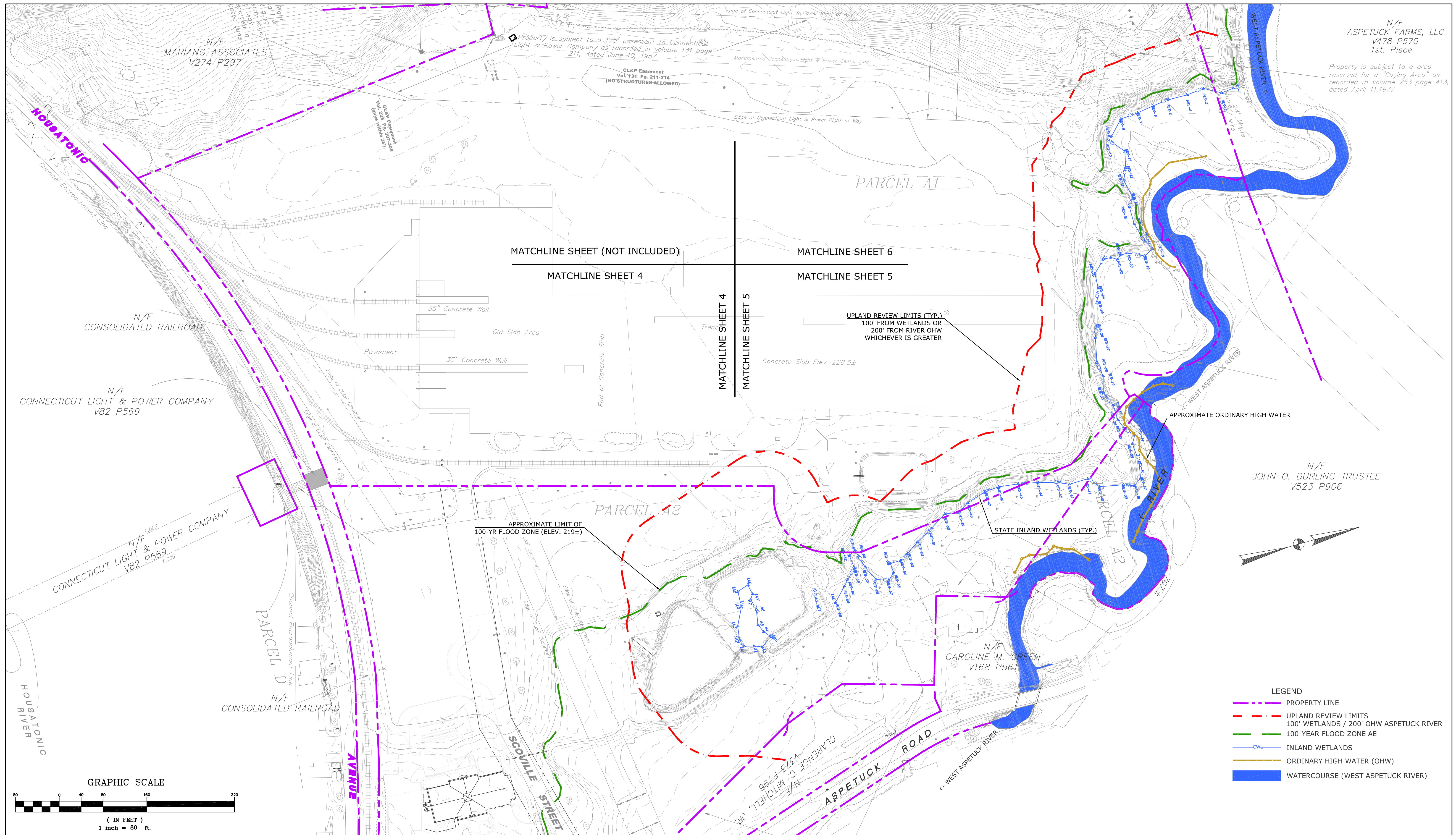
LIST OF DRAWINGS	
SHEET NO.	TITLE
1	TITLE SHEET
	SITE SURVEY (SEPARATE PLAN SHEET)
2	EXISTING CONDITIONS / INDEX PLAN
3	PROPOSED OVERALL DEVELOPMENT PLAN
4 - 6	EROSION CONTROL PLAN
7	SITE DRAINAGE DETAILS
8	EROSION CONTROL DETAILS

DESIGNED BY WMC CONSULTING ENGINEERS

SUBMITTED BY _____ DATE _____

PUBLIC WORKS DIRECTOR - TOWN OF NEW MILFORD

JACK HEALY _____ DATE _____

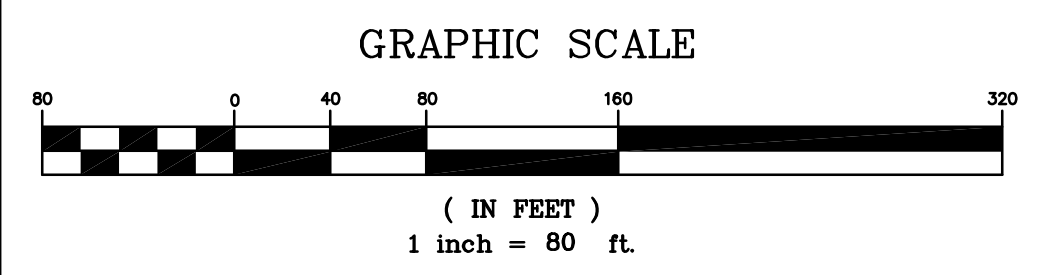


N/F
 ASPETUCK FARMS, LLC
 V478 P570
 1st. Piece
 Property is subject to a area reserved for a "Guying Area" as recorded in volume 253 page 413, dated April 11, 1977

N/F
 JOHN O. DURLING TRUSTEE
 V523 P906

N/F
 CAROLINE M. GREEN
 V168 P561

- LEGEND**
- PROPERTY LINE
 - UPLAND REVIEW LIMITS
100' WETLANDS / 200' OHW ASPETUCK RIVER
 - 100-YEAR FLOOD ZONE AE
 - CWL - INLAND WETLANDS
 - ORDINARY HIGH WATER (OHW)
 - WATERCOURSE (WEST ASPETUCK RIVER)



NO.	DATE	DESCRIPTION
REVISIONS		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	03/11/24

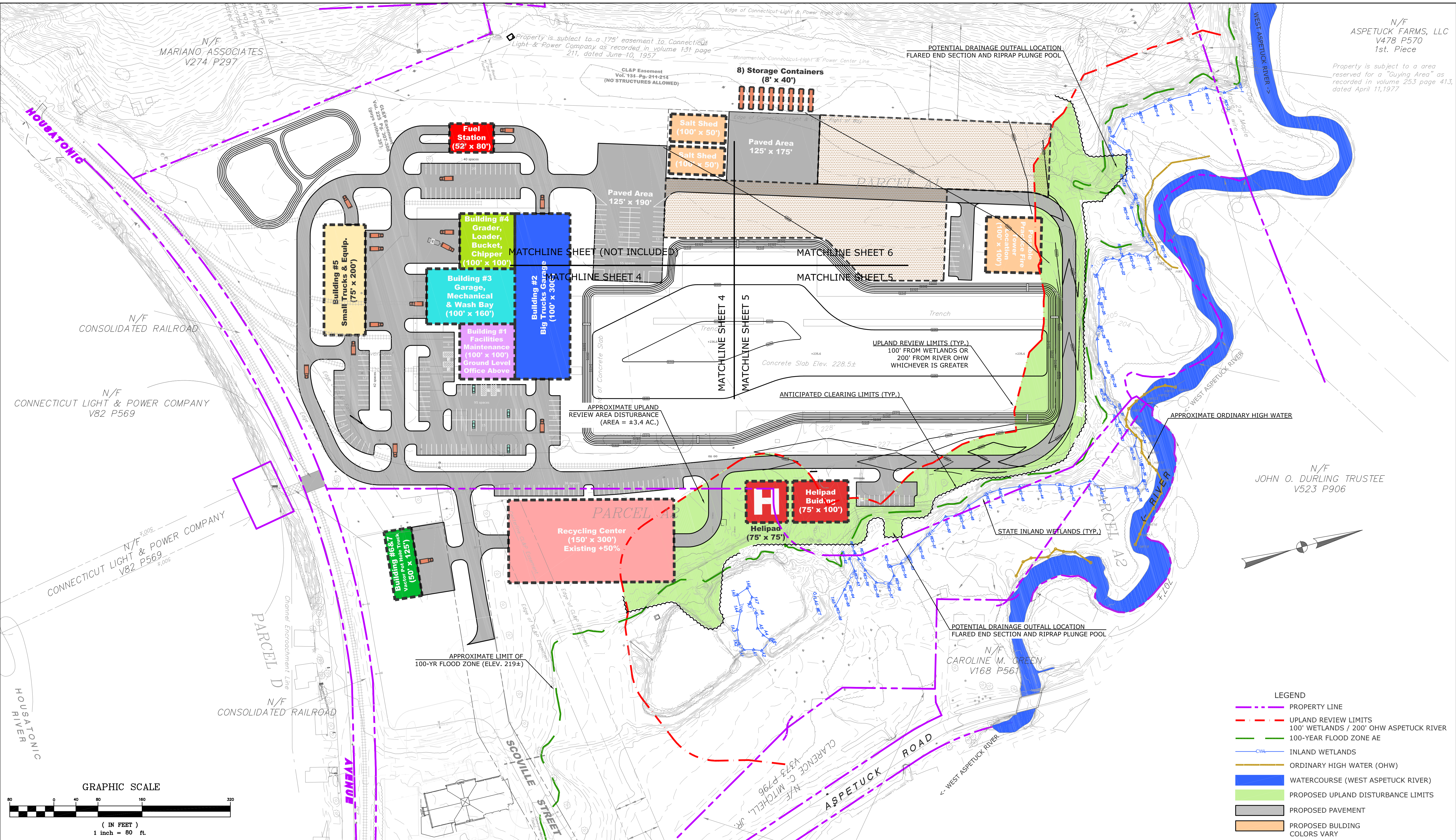
FOR PERMITTING ONLY

SCALE
 1" = 80'

WMC
 CONSULTING ENGINEERS
 • WENGELL, McDONNELL & COSTELLO •
 87 HOLMES ROAD
 NEWINGTON, CT 06111
 (860) 667-9624

PREPARED FOR
 TOWN OF NEW MILFORD
 10 MAIN ST
 NEW MILFORD, CT 06776

EXISTING CONDITIONS / INDEX PLAN NEW PUBLIC WORKS FACILITY NEW MILFORD, CONNECTICUT		SHEET 2
D - DPW Facility	- NM_DPW_PD - 23057.10	REV. OF
SIZE PROJECT	FILE NAME NUMBER	8



N/F ASPETUCK FARMS, LLC
V478 P570
1st. Piece
Property is subject to a area reserved for a "Guying Area" as recorded in volume 253 page 413, dated April 11, 1977

N/F MARIANO ASSOCIATES
V274 P297

N/F CONSOLIDATED RAILROAD

N/F CONNECTICUT LIGHT & POWER COMPANY
V82 P569

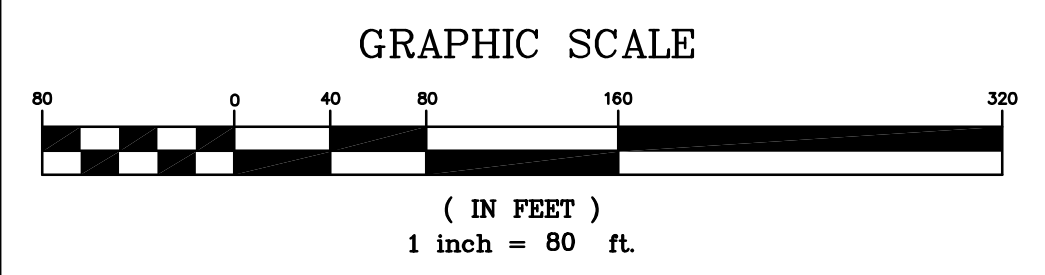
N/F CONNECTICUT LIGHT & POWER COMPANY
V82 P569

N/F CONSOLIDATED RAILROAD

N/F JOHN O. DURLING TRUSTEE
V523 P906

N/F CAROLINE M. GREEN
V168 P561

- LEGEND**
- PROPERTY LINE
 - UPLAND REVIEW LIMITS
100' WETLANDS / 200' OHW ASPETUCK RIVER
 - 100-YEAR FLOOD ZONE AE
 - INLAND WETLANDS
 - ORDINARY HIGH WATER (OHW)
 - WATERCOURSE (WEST ASPETUCK RIVER)
 - PROPOSED UPLAND DISTURBANCE LIMITS
 - PROPOSED PAVEMENT
 - PROPOSED BUILDING
COLORS VARY



	SUPV.	S.R.M.
	DESIGN	R.E.B.
	DRAWN	R.E.B.
	CHECKED	S.R.M.
NO.	DATE	DESCRIPTION
REVISIONS		
	DATE	03/11/24

FOR PERMITTING ONLY

SCALE
1" = 80'

WMC
CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
TOWN OF NEW MILFORD
10 MAIN ST
NEW MILFORD, CT 06776

**PROPOSED OVERALL DEVELOPMENT PLAN
NEW PUBLIC WORKS FACILITY
NEW MILFORD, CONNECTICUT**

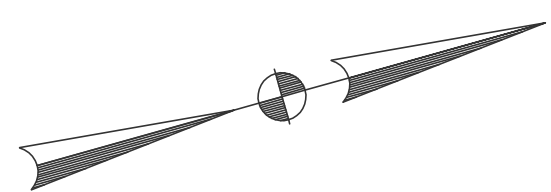
D - DPW Facility	NM_DPW_PD -	23057.10	REV.	SHEET	3
SIZE	PROJECT	FILE NAME	NUMBER	OF	8

MATCHLINE SHEET (NOT INCLUDED)

N/F
CONSOLIDATED RAILROAD

N/F
CONNECTICUT LIGHT & POWER COMPANY
V82 P569

Appurtenant easement granted to Scovill
Manufacturing, as recorded in volume 151
page 530, dated November 14, 1957.



N/F F.009
CONNECTICUT LIGHT & POWER COMPANY
V82 P569

GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	03/11/24

FOR PERMITTING ONLY

SCALE
1" = 40'

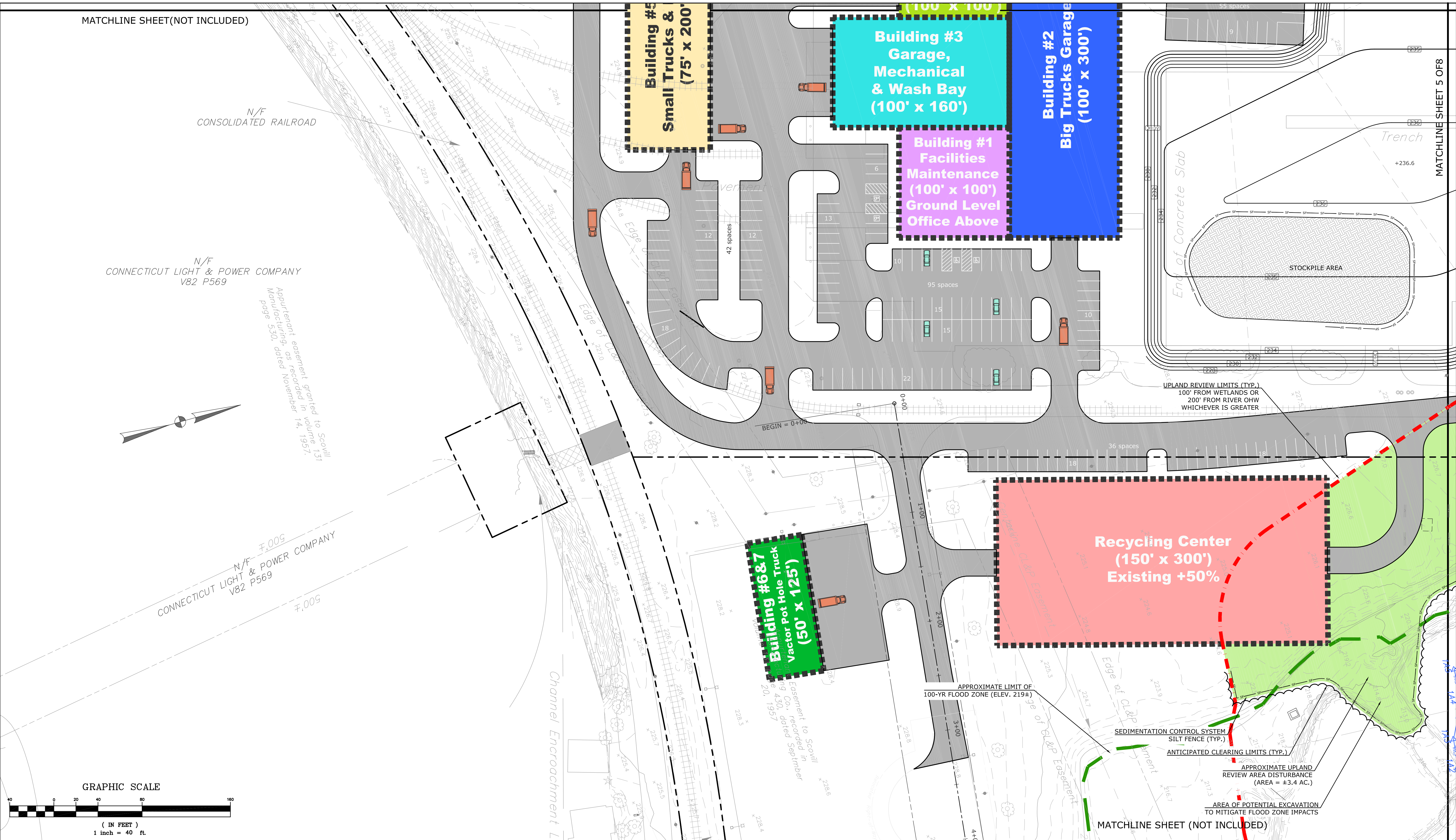


WENGELL, McDONNELL & COSTELLO
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
TOWN OF NEW MILFORD
10 MAIN ST
NEW MILFORD, CT 06776

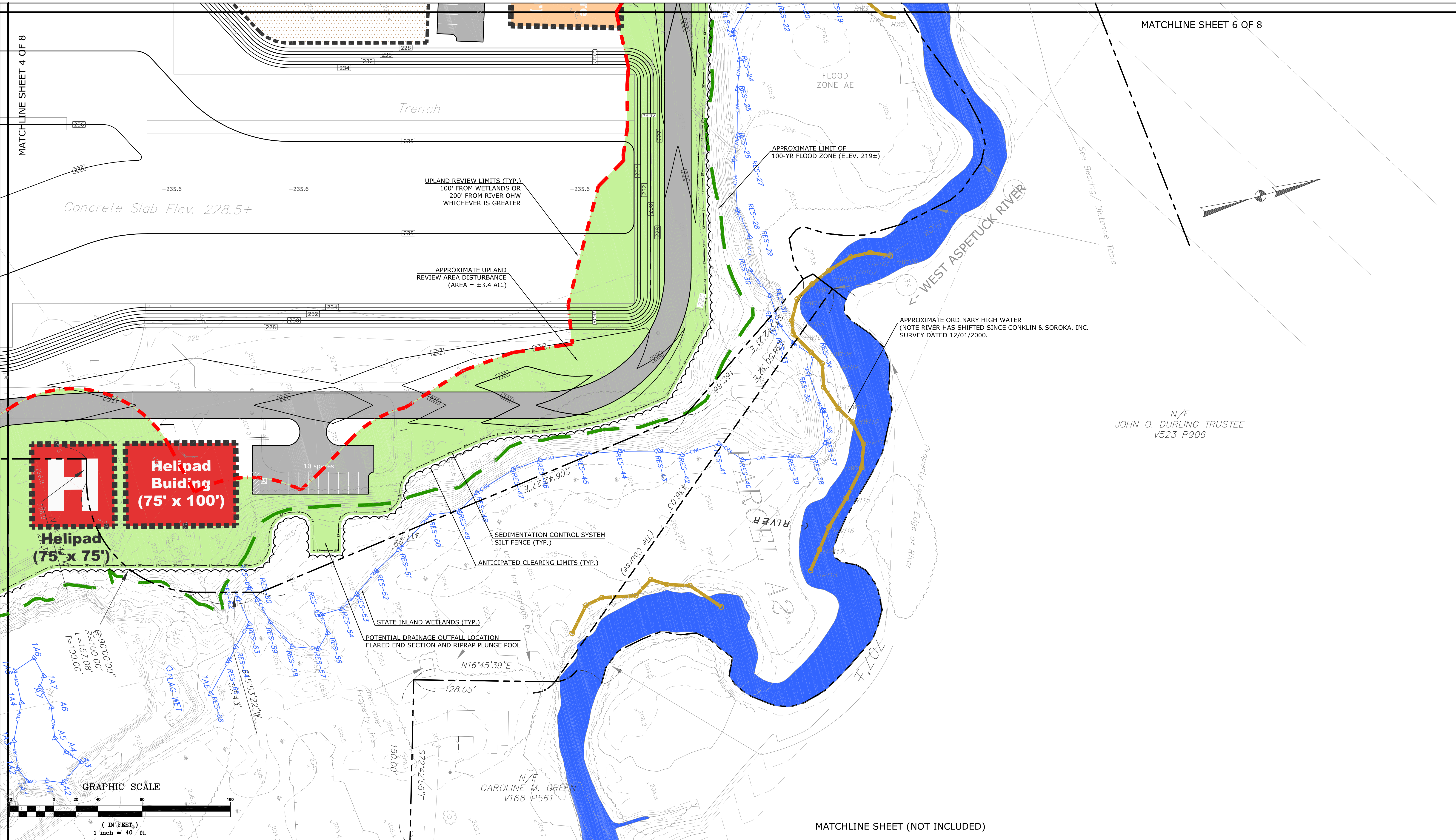
EROSION CONTROL PLAN
NEW PUBLIC WORKS FACILITY
NEW MILFORD, CONNECTICUT

D -	DPW Facility	NM_DPW_PD -	23057.10	-	SHEET	4
SIZE	PROJECT	FILE NAME	NUMBER	REV.	OF	8



MATCHLINE SHEET 5 OF 8

MATCHLINE SHEET (NOT INCLUDED)



N/F
JOHN O. DURLING TRUSTEE
V523 P906

N/F
CAROLINE M. GREEN
V168 P561

MATCHLINE SHEET (NOT INCLUDED)

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	03/11/24

NO.	DATE	DESCRIPTION
REVISIONS		

FOR PERMITTING ONLY

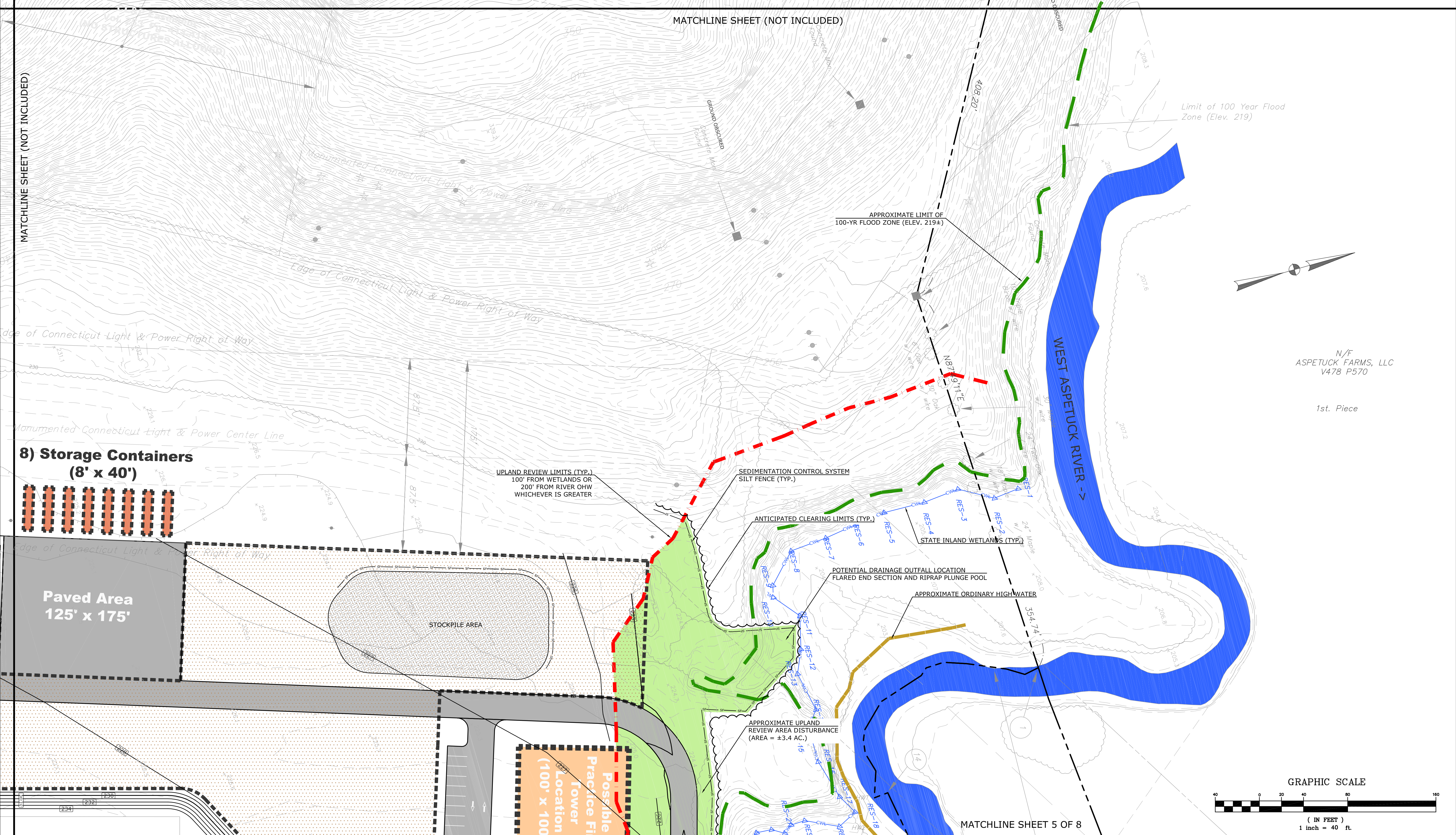
SCALE
1" = 40'

WMC
CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
TOWN OF NEW MILFORD
10 MAIN ST
NEW MILFORD, CT 06776

EROSION CONTROL PLAN NEW PUBLIC WORKS FACILITY NEW MILFORD, CONNECTICUT			
D - SIZE	DPW Facility PROJECT	NM_DPW_PD - FILE NAME	23057.10 - NUMBER
SHEET	5	REV.	OF 8

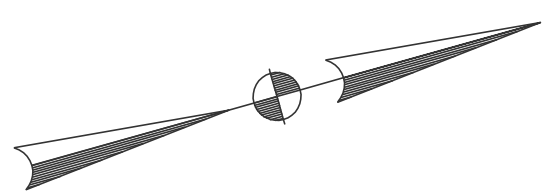


MATCHLINE SHEET (NOT INCLUDED)

MATCHLINE SHEET (NOT INCLUDED)

Limit of 100 Year Flood Zone (Elev. 219)

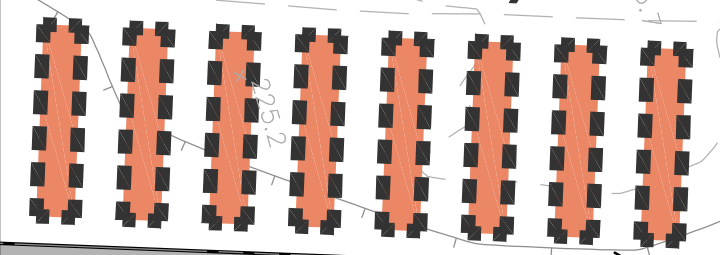
APPROXIMATE LIMIT OF 100-YR FLOOD ZONE (ELEV. 219±)



N/F
ASPETUCK FARMS, LLC
V478 P570

1st. Piece

8) Storage Containers (8' x 40')



UPLAND REVIEW LIMITS (TYP.)
100' FROM WETLANDS OR
200' FROM RIVER OHW
WHICHEVER IS GREATER

SEDIMENTATION CONTROL SYSTEM
SILT FENCE (TYP.)

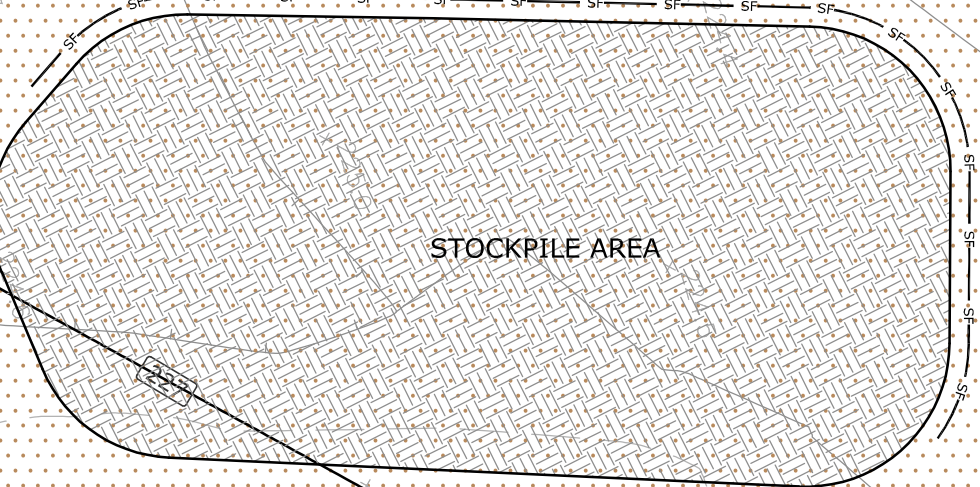
ANTICIPATED CLEARING LIMITS (TYP.)

STATE INLAND WETLANDS (TYP.)

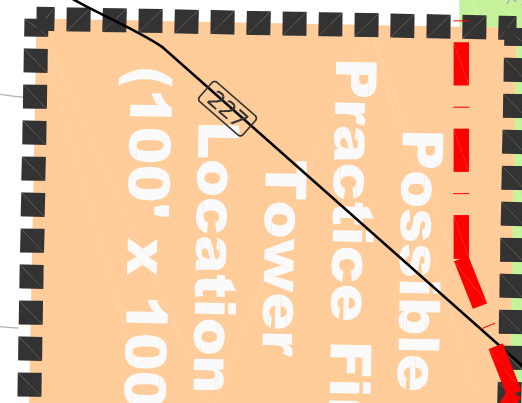
POTENTIAL DRAINAGE OUTFALL LOCATION
FLARED END SECTION AND RIPRAP PLUNGE POOL

APPROXIMATE ORDINARY HIGHWATER

**Paved Area
125' x 175'**



STOCKPILE AREA

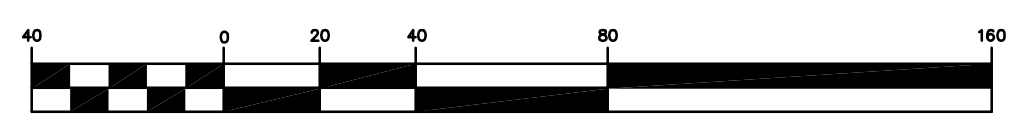


Possible Practice Flower Location
(100' x 100')

APPROXIMATE UPLAND REVIEW AREA DISTURBANCE
(AREA = ±3.4 AC.)

MATCHLINE SHEET 5 OF 8

GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.

SUPV.	S.R.M.	
DESIGN	R.E.B.	
DRAWN	R.E.B.	
CHECKED	S.R.M.	
DATE	03/11/24	
NO.	DATE	DESCRIPTION
REVISIONS		

FOR PERMITTING ONLY

SCALE
1" = 40'



WENGELL, McDONNELL & COSTELLO
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

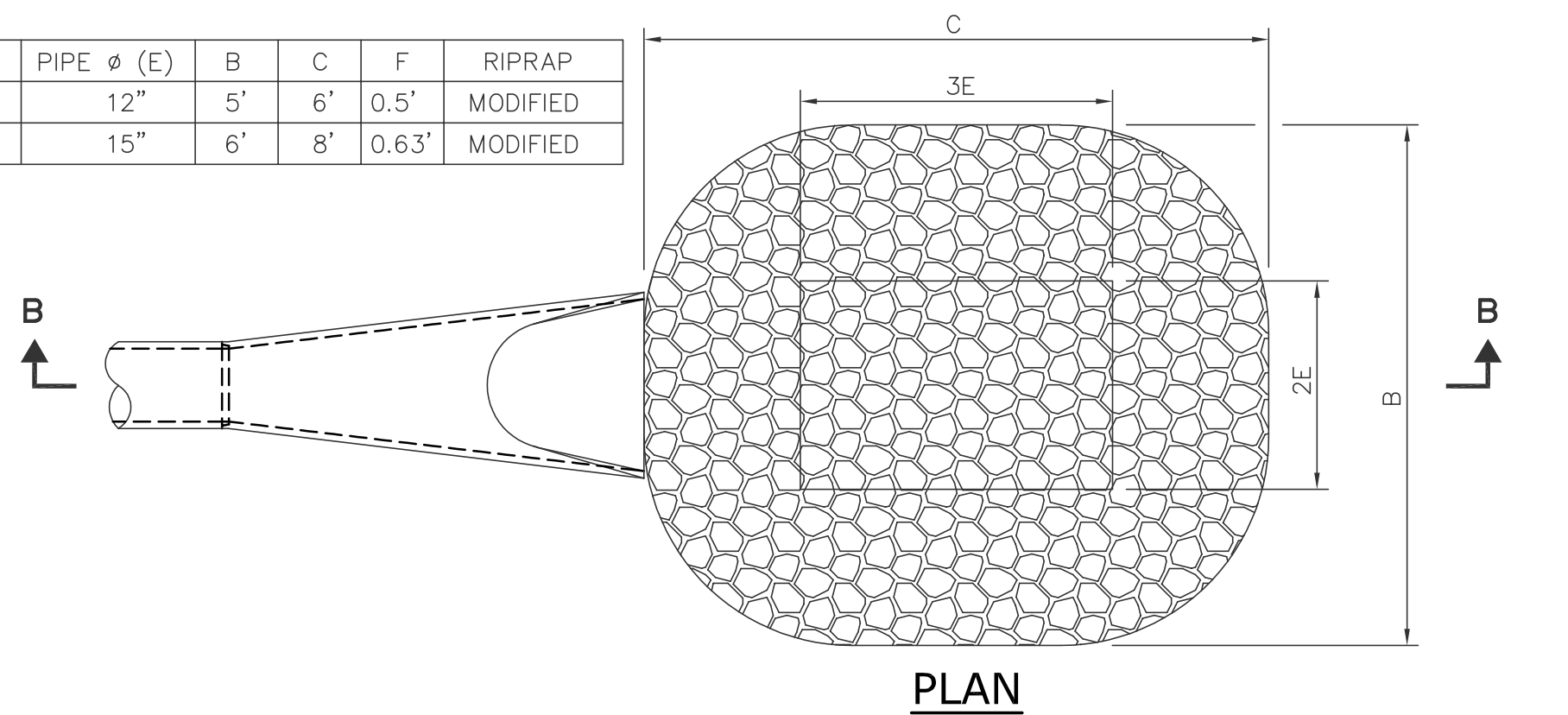
PREPARED FOR

TOWN OF NEW MILFORD
10 MAIN ST
NEW MILFORD, CT 06776

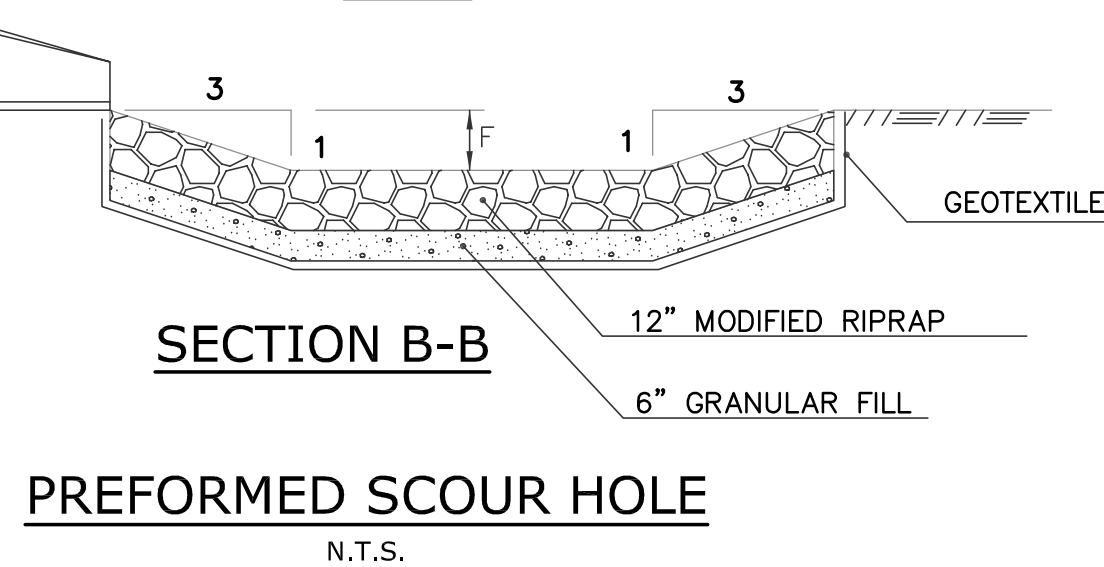
**EROSION CONTROL PLAN
NEW PUBLIC WORKS FACILITY
NEW MILFORD, CONNECTICUT**

D - DPW Facility	NM_DPW_PD - 23057.10	SHEET	6
SIZE PROJECT	FILE NAME NUMBER	REV.	OF
			8

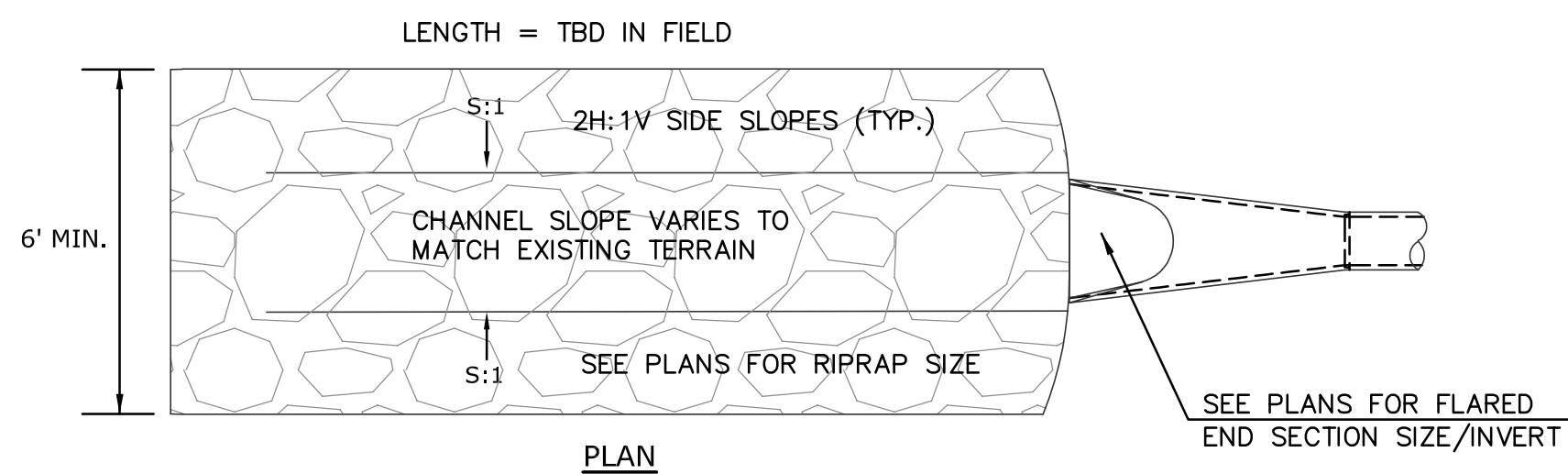
LOCATION	PIPE Ø (E)	B	C	F	RIPRAP
FES 12"	12"	5'	6'	0.5'	MODIFIED
FES 15"	15"	6'	8'	0.63'	MODIFIED



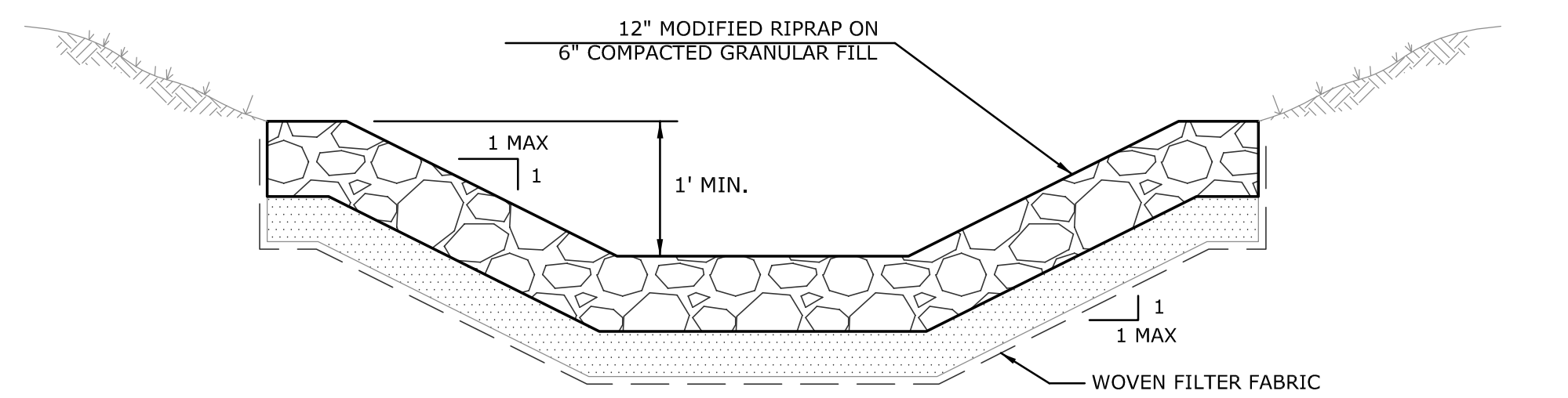
- NOTES:**
1. FILTER FABRIC SHALL BE MIRAFI 500X, EXXON GTF200, AMOCO 2199 OR APPROVED EQUAL.
 2. RIP RAP STONE SHALL MEET THE REQUIREMENTS OF CONNECTICUT D.O.T. STANDARD SPECIFICATION FORM 817 ARTICLE: M.12.02.
 3. ALL ASSOCIATED MATERIALS, LABOR AND INCIDENTALS NECESSARY TO COMPLETE THE WORK SHALL BE PAID FOR UNDER "MODIFIED RIPRAP"



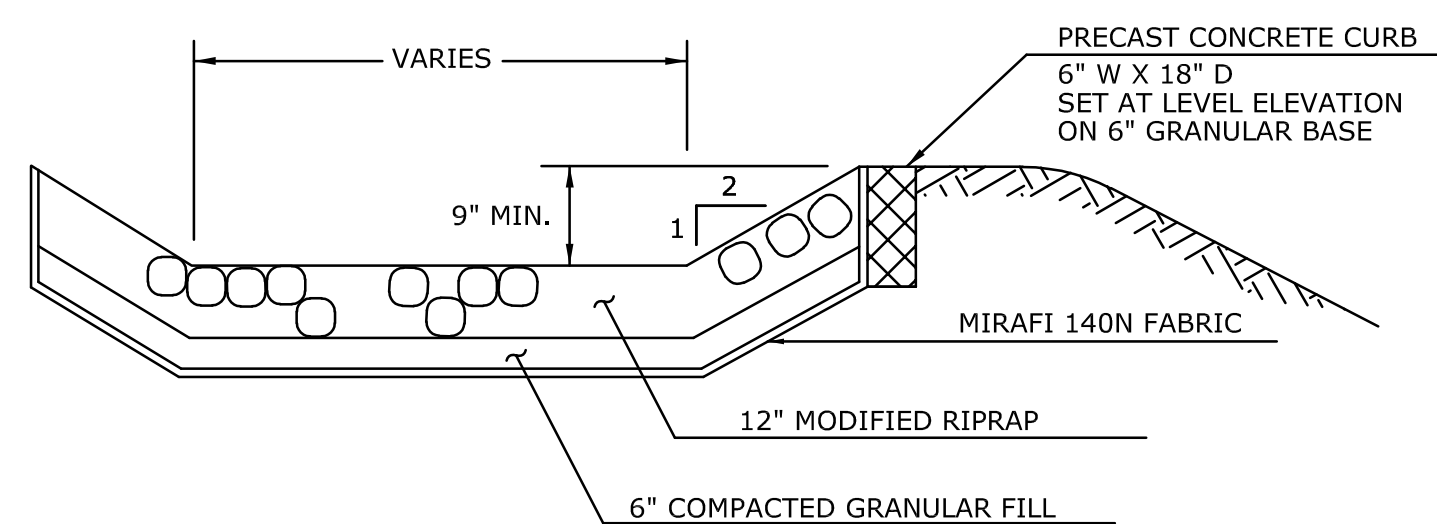
PREFORMED SCOUR HOLE
N.T.S.



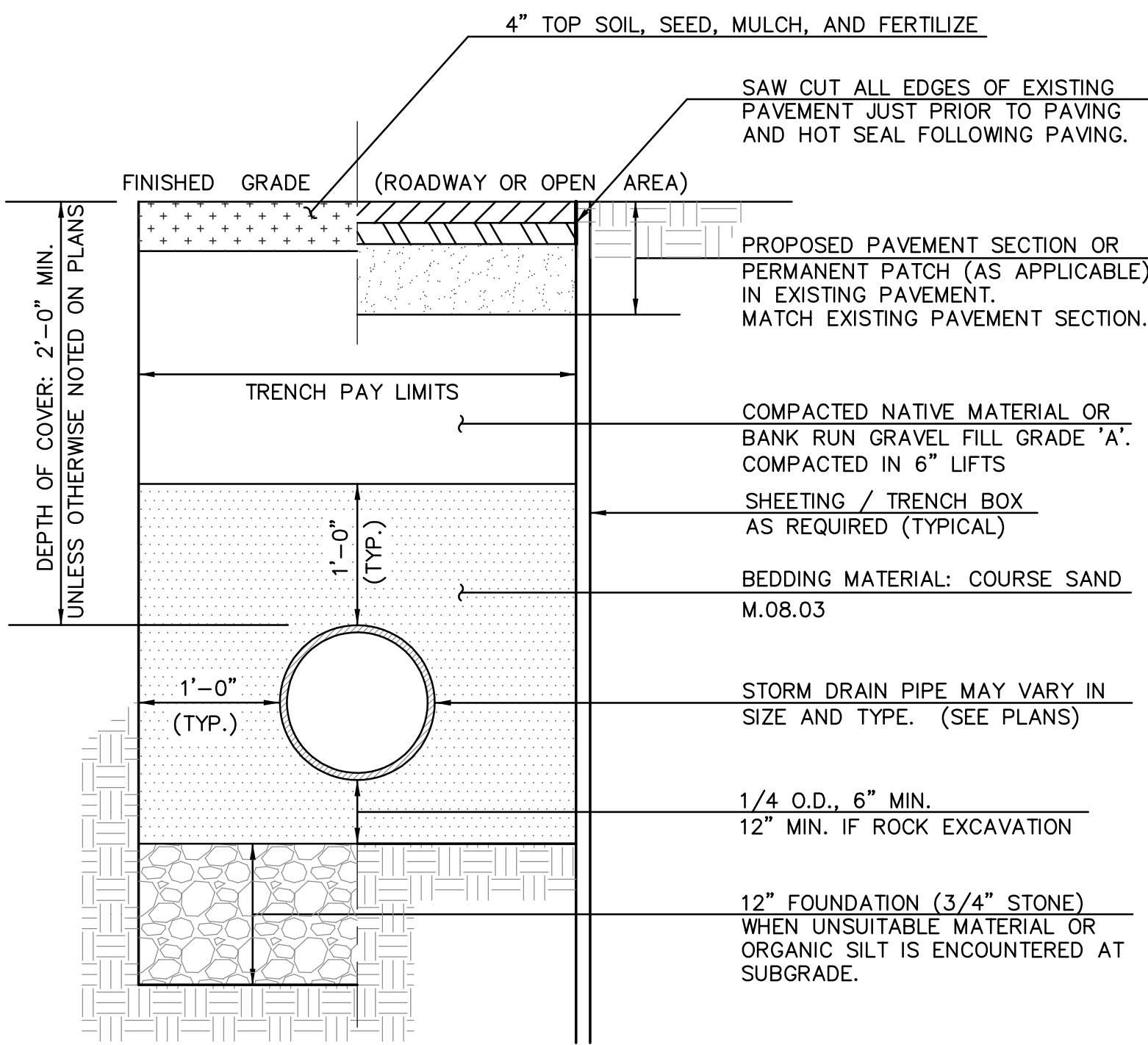
RIPRAP OUTLET PROTECTION IN CHANNEL
N.T.S.



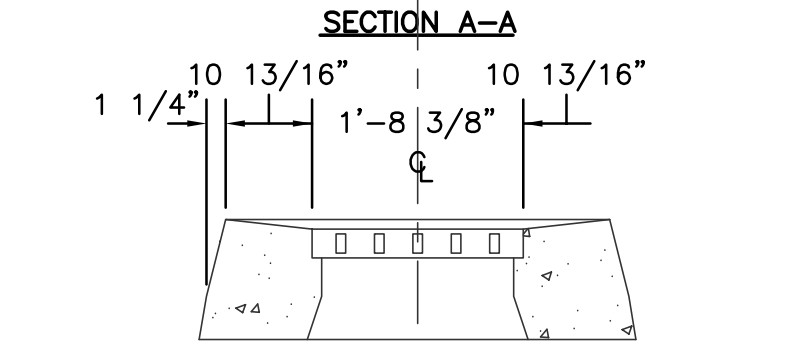
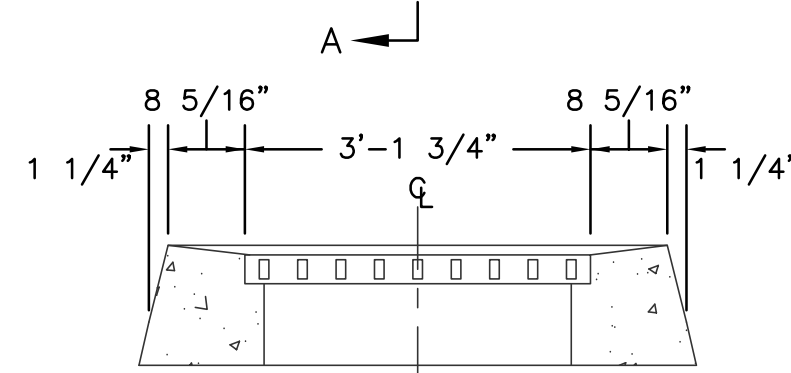
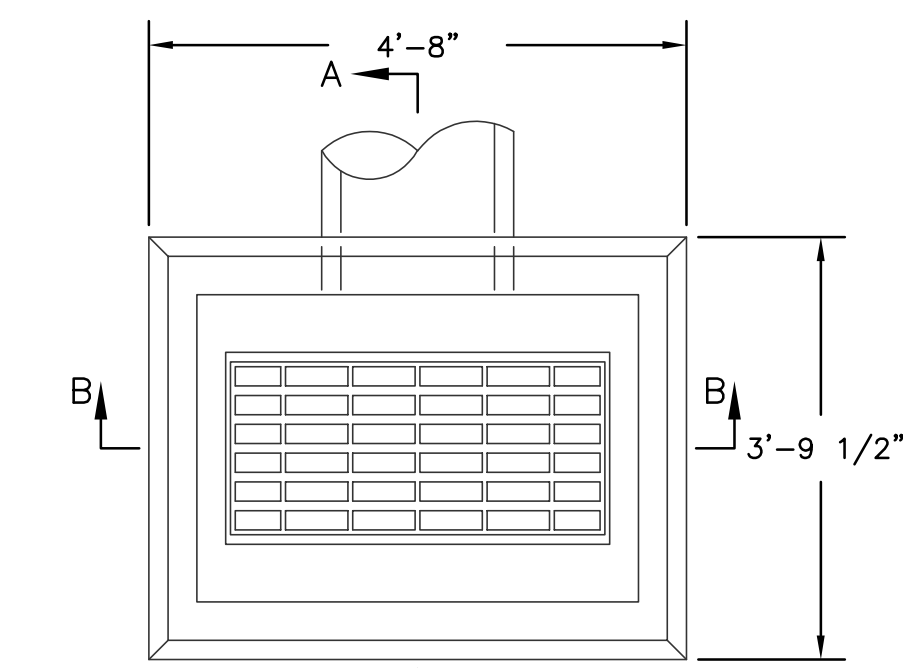
MODIFIED RIPRAP SWALE
N.T.S.



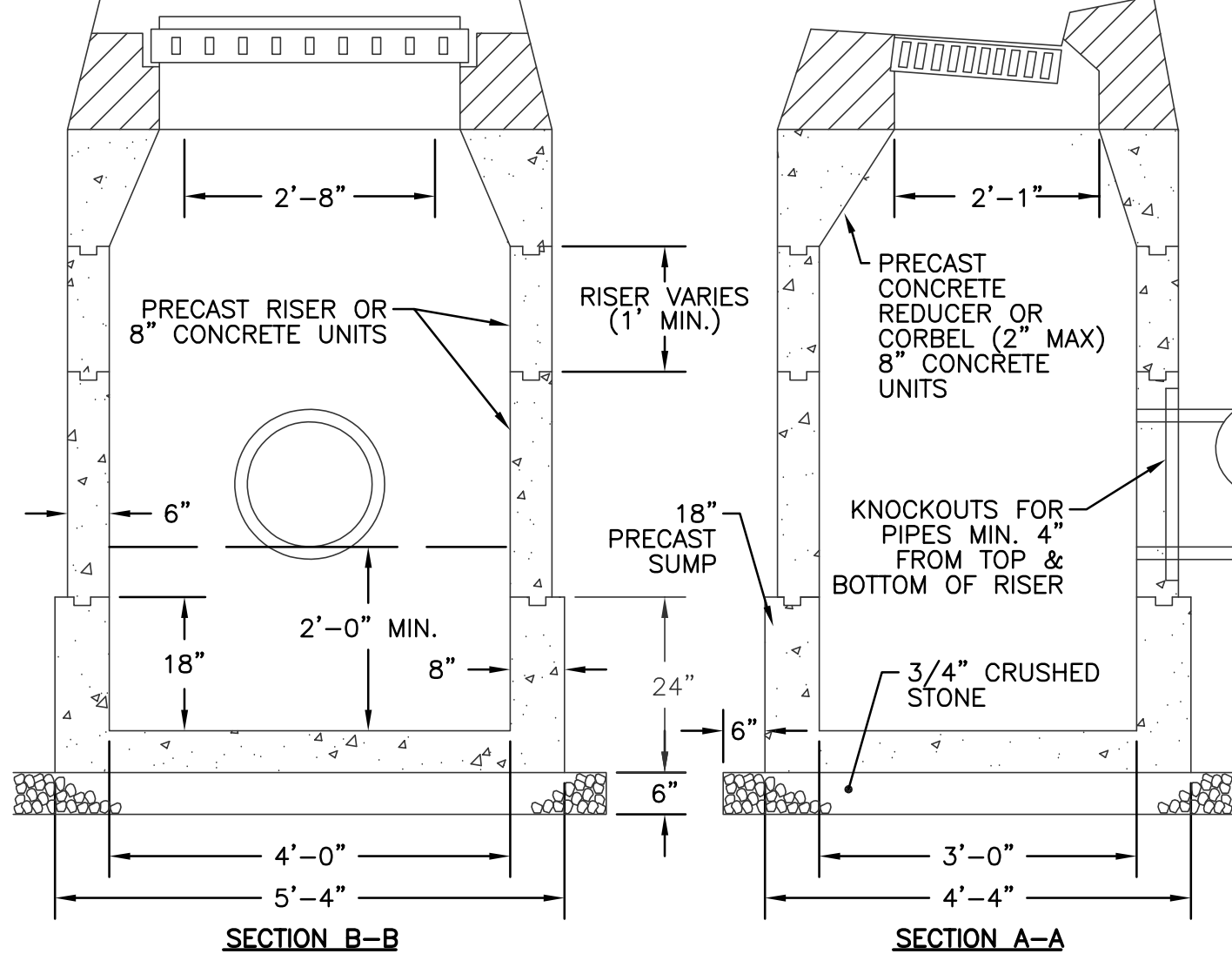
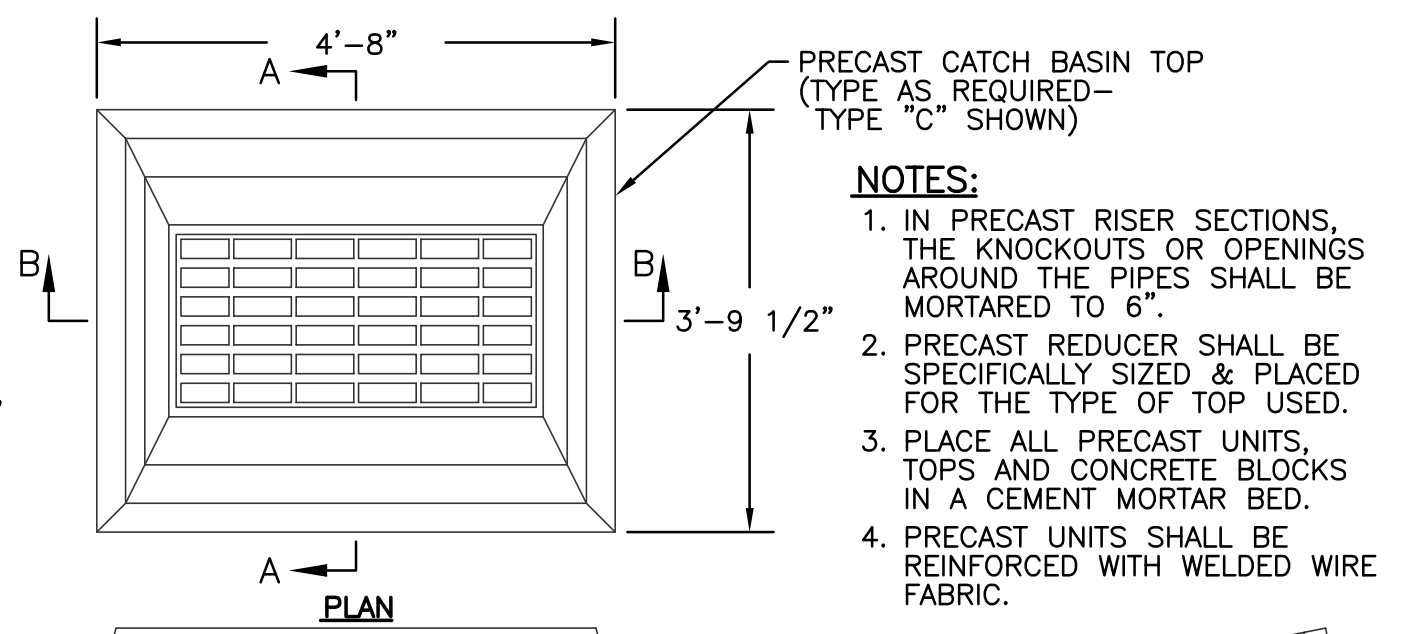
RIPRAP LEVEL SPREADER
N.T.S.



STORM DRAIN PIPE TRENCH
N.T.S.



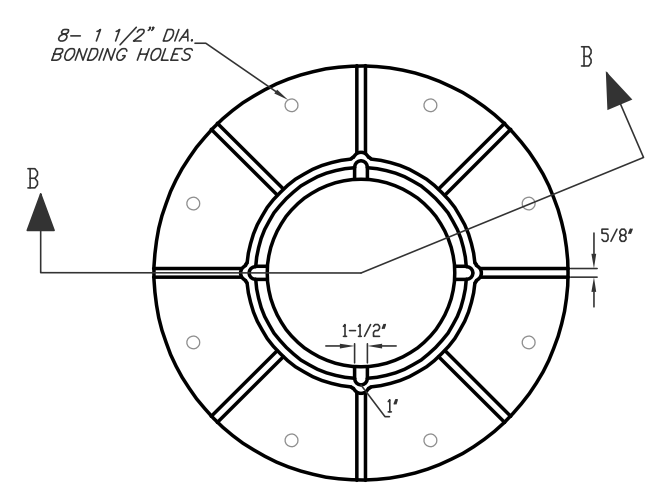
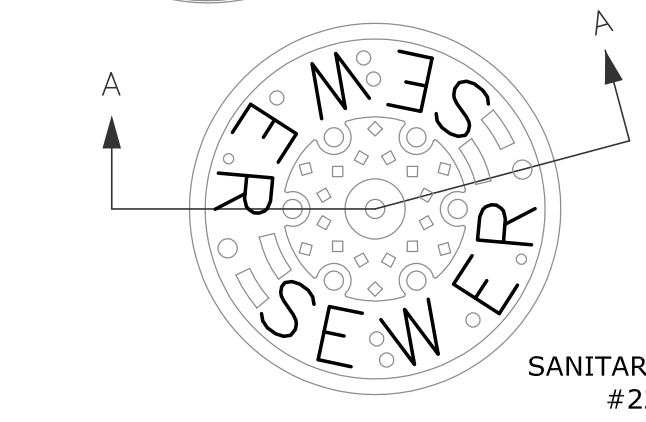
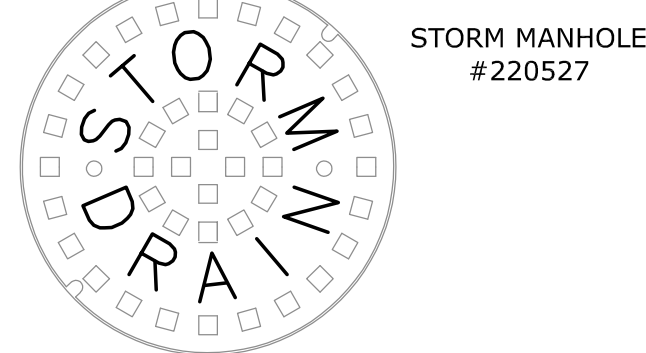
TYPE 'C-L' CATCH BASIN TOP
N.T.S.



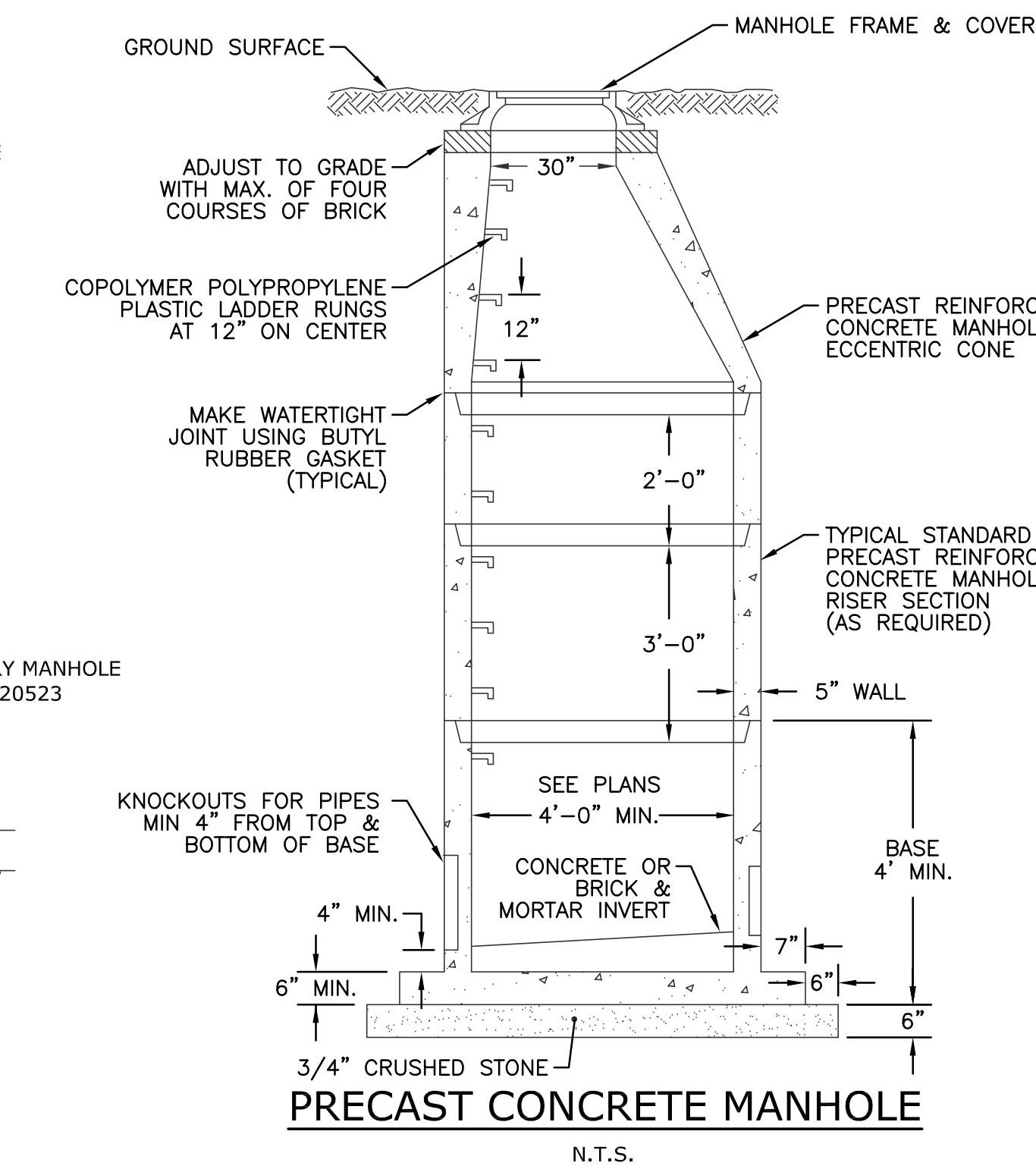
PRECAST TYPE 'C' CATCH BASIN
N.T.S.

MANHOLE SPECIFICATIONS :

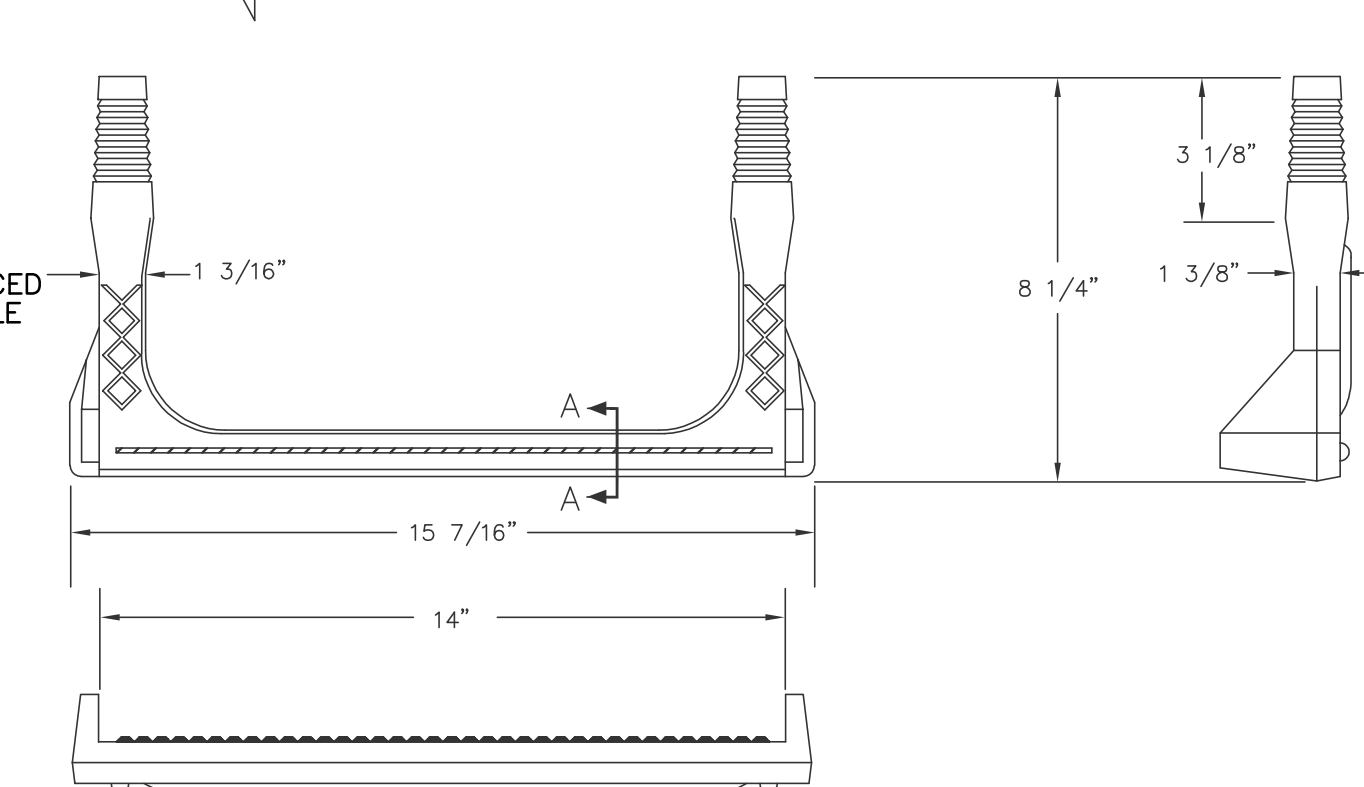
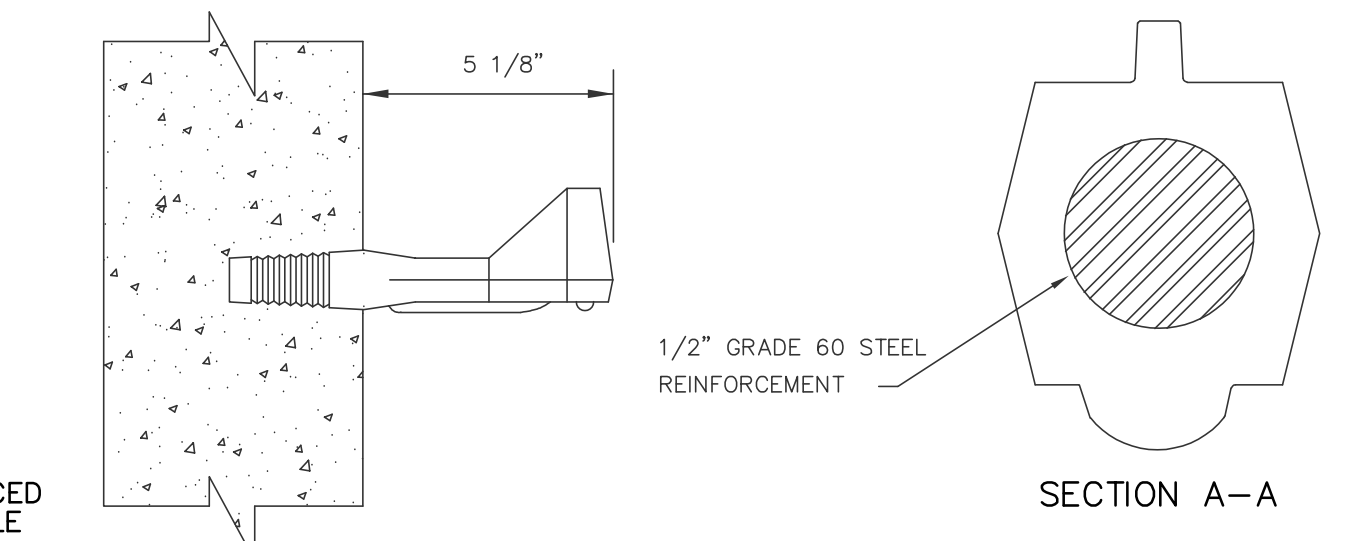
1. PATTERN SHALL BE AS NOTED MANUFACTURED BY THE E.J. CO. OR APPROVED EQUAL.
 2. AASHTO HS20-44 HIGHWAY LOADING.
 3. MATERIAL SHALL BE GRAY CAST IRON WHICH MEETS OR EXCEEDS ASTM A48-83, CLASS 30B.
 4. ALL CASTINGS SUPPLIED WITH :
-MACHINED BEARING SURFACE
-NON-PENETRATING PICK HOLE
1. THE LOWER SURFACE OF THE COVER AND THE CORRESPONDING UPPER SURFACE OF THE FRAME SHALL BE MACHINE FINISH TO PROVIDE A SMOOTH FLAT CONTACT OR FIT, WITHOUT ANY TENDENCY FOR THE COVER TO ROCK OR RATTLE.
2. ALL MANHOLES SHALL BE EQUIPPED WITH VENT HOLE IN CENTER.



CAST IRON MANHOLE FRAME AND COVER
N.T.S.



PRECAST CONCRETE MANHOLE
N.T.S.



PLASTIC MANHOLE STEP
(FOR INSTALLATION IN PRE-CAST CONCRETE)
N.T.S.

NO.	DATE	DESCRIPTION
REVISIONS		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	03/11/24

FOR PERMITTING ONLY

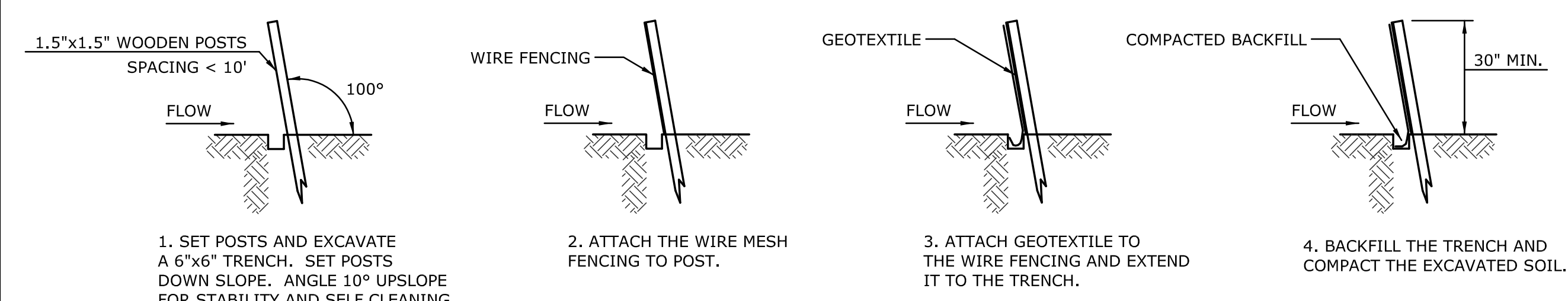
SCALE
N.T.S.

WMC
CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •
87 HOLMES ROAD
NEWINGTON, CT 06111
(860) 667-9624

PREPARED FOR
TOWN OF NEW MILFORD
10 MAIN ST
NEW MILFORD, CT 06776

SITE DRAINAGE DETAILS NEW PUBLIC WORKS FACILITY NEW MILFORD, CONNECTICUT			
D -	DPW Facility	NM_DPW_PD_	23057.10
SIZE	PROJECT	FILE NAME	NUMBER
		REV.	OF
			8

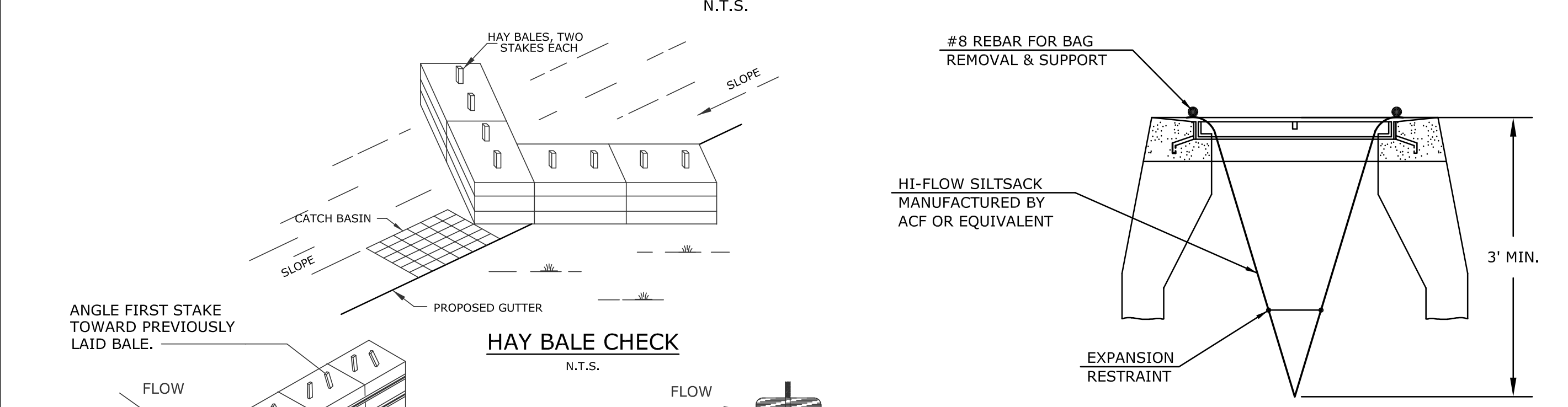


* WHEN INSTALLATION OF TRENCH IS IMPRACTICAL, ALTERNATE INSTALLATION SHALL BE TO LAY 6" FLAP HORIZONTALLY ON GROUND AND BURY FLAP BY RAMP SOIL OR STONE UP TO CONTROL FENCE. DEPTH OF RAMP SHALL BE AS REQUIRED TO HOLD DOWN FLAP WITHOUT LEAKAGE UNDER CONTROL FENCE WHILE MAINTAINING MINIMUM HEIGHT.

GEOTEXTILE FENCE SYSTEM

REFER TO PAGE 5-11-35 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 55 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

SEDIMENTATION CONTROL SYSTEM INSTALLATION

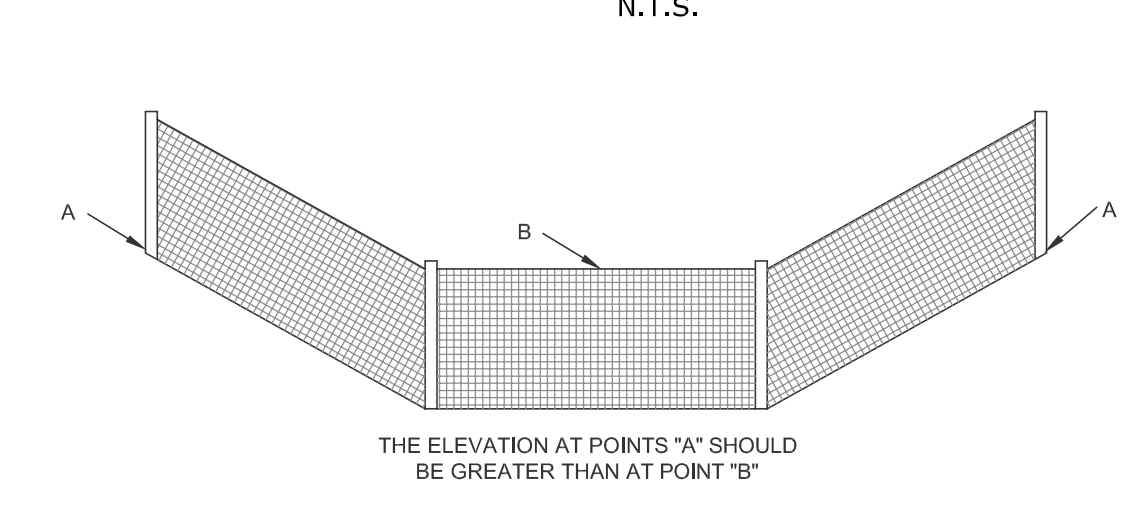


HAY BALE CHECK
N.T.S.
ANGLE FIRST STAKE TOWARD PREVIOUSLY LAID BALES.
BOUND BALES PLACED ON CONTOUR.
2 REBARS, STEEL PICKETS, OR 1.5" x 1.5" WOODEN STAKES 18" IN GROUND.

ANCHORING DETAIL
N.T.S.

BEDDING DETAIL
N.T.S.
#8 REBAR FOR BAG REMOVAL & SUPPORT
HI-FLOW SILTSACK MANUFACTURED BY ACF OR EQUIVALENT
EXPANSION RESTRAINT
3' MIN.

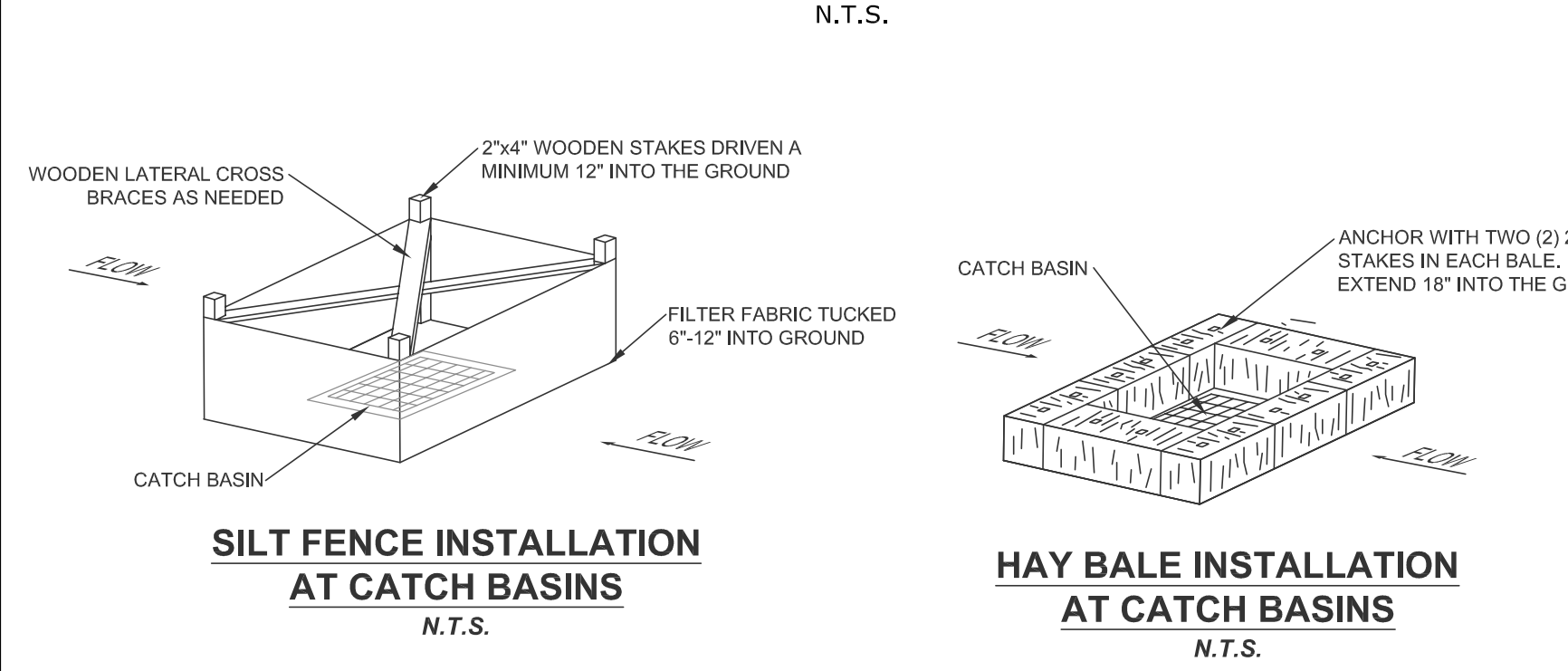
SILTATION SAC IN CATCH BASIN



NOTE:
1) SILT SACKS SHALL BE EMPTIED WHEN THEY HAVE COLLECTED 1 TO 1.5 FEET OF SEDIMENT. INSPECT EVERY WEEK OR AFTER EVERY RAINFALL EVENT.
2) SILT SACKS SHALL BE INSTALLED IN STRUCTURES CHOSEN BY THE ENGINEER (OR TOWN)

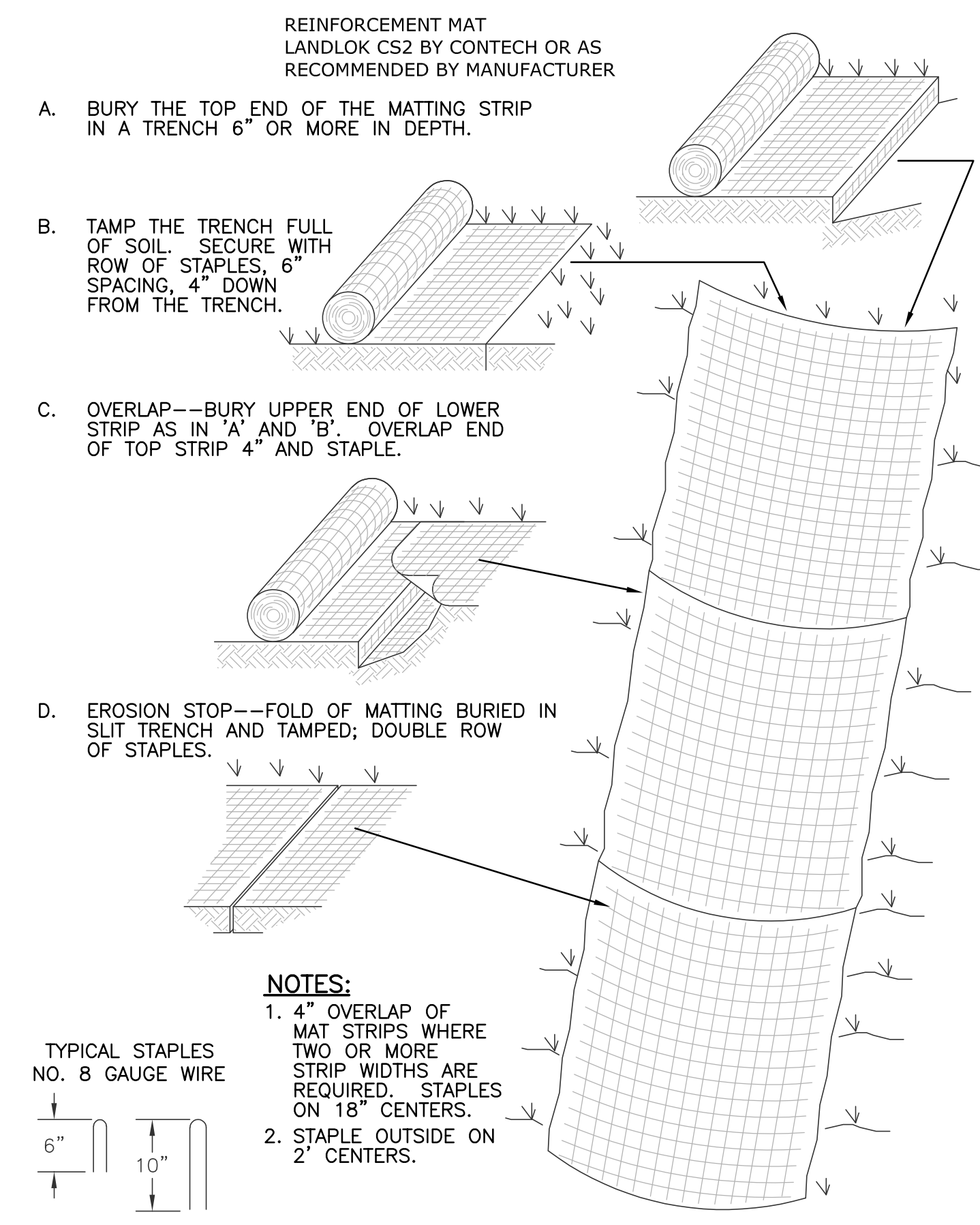
THE ELEVATION AT POINTS "A" SHOULD BE GREATER THAN AT POINT "B"

HAY BALE DETAIL



SILT FENCE INSTALLATION AT CATCH BASINS
N.T.S.
WOODEN LATERAL CROSS BRACES AS NEEDED
2"x4" WOODEN STAKES DRIVEN A MINIMUM 12" INTO THE GROUND
FILTER FABRIC TUCKED 6"-12" INTO GROUND

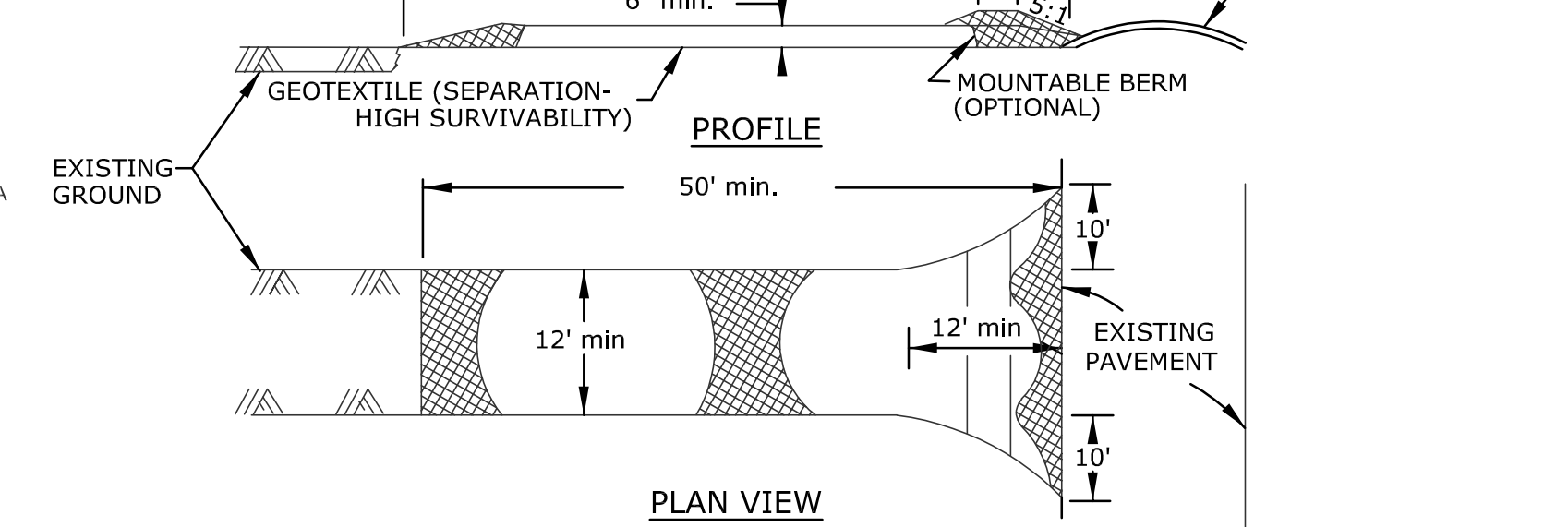
HAY BALE INSTALLATION AT CATCH BASINS
N.T.S.
ANCHOR WITH TWO (2) 2"x2"x3" STAKES IN EACH BALES. STAKES TO EXTEND 18" INTO THE GROUND



NOTES:
1. 4" OVERLAP OF MAT STRIPS WHERE TWO OR MORE STRIP WIDTHS ARE REQUIRED. STAPLES ON 18" CENTERS.
2. STAPLE OUTSIDE ON 2' CENTERS.

TYPICAL STAPLES NO. 8 GAUGE WIRE
6" x 10"

STEEP SLOPE TREATMENT DETAIL



REFER TO PAGE 5-12-2 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 50 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

CONSTRUCTION SPECIFICATION:
1. STONE SIZE - USE 2" MINUSE STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FT (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN 6".
4. WIDTH - 12' MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. GEOTEXTILE WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SETTLING AREA SIZED TO HOLD THE VOLUME OF WATER USED DURING ANY 2-HOUR PERIOD.
9. PERIODIC INSPECTION AND NECESSARY MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL.

STABILIZED CONSTRUCTION ENTRANCE

GENERAL
THIS PLAN PROPOSES EROSION CONTROL MEASURES TO HELP CONTROL ACCELERATED EROSION AND SEDIMENTATION AND REDUCE THE DANGER FROM STORM WATER RUNOFF AT THE SITE. THE RUNOFF SHALL BE CONTROLLED BY THE INTERCEPTION, DIVERSION, AND SAFE DISPOSAL OF PRECIPITATION. RUNOFF SHALL ALSO BE CONTROLLED BY STAGING CONSTRUCTION ACTIVITY AND PRESERVING NATURAL VEGETATION WHENEVER POSSIBLE. EXISTING VEGETATION SHALL BE PROTECTED AND ONLY THAT CLEARING AND GRUBBING ABSOLUTELY NECESSARY FOR THE PROPOSED CONSTRUCTION SHALL BE PERFORMED. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CONTOUR, UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE SPECIAL CARE WITH HIS CONSTRUCTION METHODS AND SHALL COMPLY WITH THE FOLLOWING GUIDELINES. REFERENCE IS MADE TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" (2002), AS AMENDED. THE GUIDELINES ARE OBTAINABLE FROM THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, 79 ELM STREET, HARTFORD, CONNECTICUT 06106, AND SHOULD BE USED AS A REFERENCE IN CONSTRUCTING THE EROSION AND SEDIMENTATION CONTROLS INDICATED ON THESE PLANS.

EROSION CONTROL

ALL AREAS SHALL BE PROTECTED FROM EROSION DURING AND AFTER CONSTRUCTION, PARTICULARLY THE STORAGE OF EXCAVATED OR STOCKPILED MATERIAL. THE CONTRACTOR SHALL CAREFULLY STRIP ALL TOPSOIL, LOAM, OR ORGANIC MATTER PRIOR TO TRENCHING OR OTHER OPERATIONS AND SHALL STORE THEM SEPARATELY FROM ALL OTHER MATERIALS DURING EXCAVATION. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENTATION CONTROL SYSTEM (I.E. HAY BALES AND/OR GEOTEXTILE FENCE). DEBRIS AND OTHER WASTE RESULTING FROM EQUIPMENT MAINTENANCE AND CONSTRUCTION WILL NOT BE DISCARDED ON SITE. STABILIZING OF SLOPES SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION OF SLOPES. SLOPES STEEPER THAN 3:1 SHALL BE PROTECTED WITH EROSION CONTROL MATTING. THIS MATTING IS MANUFACTURED COMBINATIONS OF MULCH AND NETTING AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL OTHER AREAS SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 2 TO 3 TONS PER ACRE. STRAW OR HAY MULCH MUST BE ANCHORED IMMEDIATELY AFTER SPREADING TO PREVENT WINDBLOWING. THE METHODS RECOMMENDED BY THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" SHALL BE USED FOR THE ANCHORING OF MULCH OR NETTING.

EROSION AND SEDIMENTATION CONTROL PLAN

AN EROSION AND SEDIMENTATION CONTROL PLAN MUST BE SUBMITTED IN WRITING TO THE ENGINEER AND APPROVED BY THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. SEDIMENTATION CONTROL SYSTEM - THE SEDIMENTATION CONTROL SYSTEM SHALL CONSIST OF A GEOTEXTILE BARRIER FENCE. THE SEDIMENTATION CONTROL SYSTEM SHALL BE INSTALLED IMMEDIATELY AFTER A CUT SLOPE HAS BEEN GRADED, BEFORE A FILL SLOPE HAS BEEN CREATED AND AS INDICATED ON THE PLANS. THE SYSTEM IS DESIGNED TO INTERCEPT SILT AND SEDIMENT BEFORE IT REACHES THE WETLANDS OR WATERCOURSES. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE FENCE. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. THE SEDIMENTATION CONTROL SYSTEM IS TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE FENCE ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

STACKED HAY BALES - HAY OR STRAW BALES USED FOR EROSION CONTROL SHALL BE STACKED AT CATCH BASINS WHERE SEDIMENT MAY ENTER THE CATCH BASIN OR AS DIRECTED BY THE ENGINEER. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE EROSION CHECKS. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. HAY OR STRAW BALES ARE TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE EROSION CHECKS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

IN ALL AREAS, REMOVAL OF TREES, BUSHES, AND OTHER VEGETATION, AND DISTURBANCE OF THE SOIL, IS TO BE KEPT TO AN ABSOLUTE MINIMUM WHILE ALLOWING PROPER DEVELOPMENT OF THE SITE.

DURING CONSTRUCTION, AS SMALL AN AREA OF SOIL AS POSSIBLE SHOULD BE EXPOSED FOR AS SHORT A TIME AS POSSIBLE. AFTER CONSTRUCTION, GRADE, RESPREAD TOPSOIL, AND STABILIZE SOIL BY SEEDING AND MULCHING AS TO PREVENT EROSION.

EROSION AND SEDIMENTATION CONTROL MAINTENANCE PROCEDURES

ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A DAILY BASIS AND FOLLOWING ALL STORMS BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE ENGINEER. THIS WORK SHALL BE PERFORMED WITHIN 24 HOURS OF THE REQUEST AND THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK.

THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE ENGINEER TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION.

FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

ALL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE ESTABLISHED PRIOR TO AND BE MAINTAINED THROUGH ALL CONSTRUCTION PHASES.

WETLAND IMPACTS & DISTURBANCE

WETLAND DISTURBANCE: NO DIRECT WETLAND IMPACTS ARE PROPOSED FOR THIS PROJECT.
WETLAND FRINGE AREA RESTORATION: ALL DISTURBED WETLAND FRINGE AREAS SHALL BE RESTORED WITH A WETLAND SEED MIX OR WETLAND TRANSITIONAL SEED MIX CONTAINING ONLY SPECIES NATIVE TO CONNECTICUT. ALL SEED MIX FOR WETLAND OR WETLAND FRINGE (TRANSITIONAL) AREAS MUST BE SUBMITTED AND APPROVED IN ADVANCE. THIS WORK SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE GENERAL COST OF OTHER RELATED WORK ITEMS.

		SUPV.	S.R.M.
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NO.	DATE	DESCRIPTION	
REVISIONS			DATE 03/11/24

FOR PERMITTING ONLY

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EROSION CONTROL NOTES			
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