

UWMS MASJID & ISLAMIC CENTER

130 PINES BRIDGE ROAD

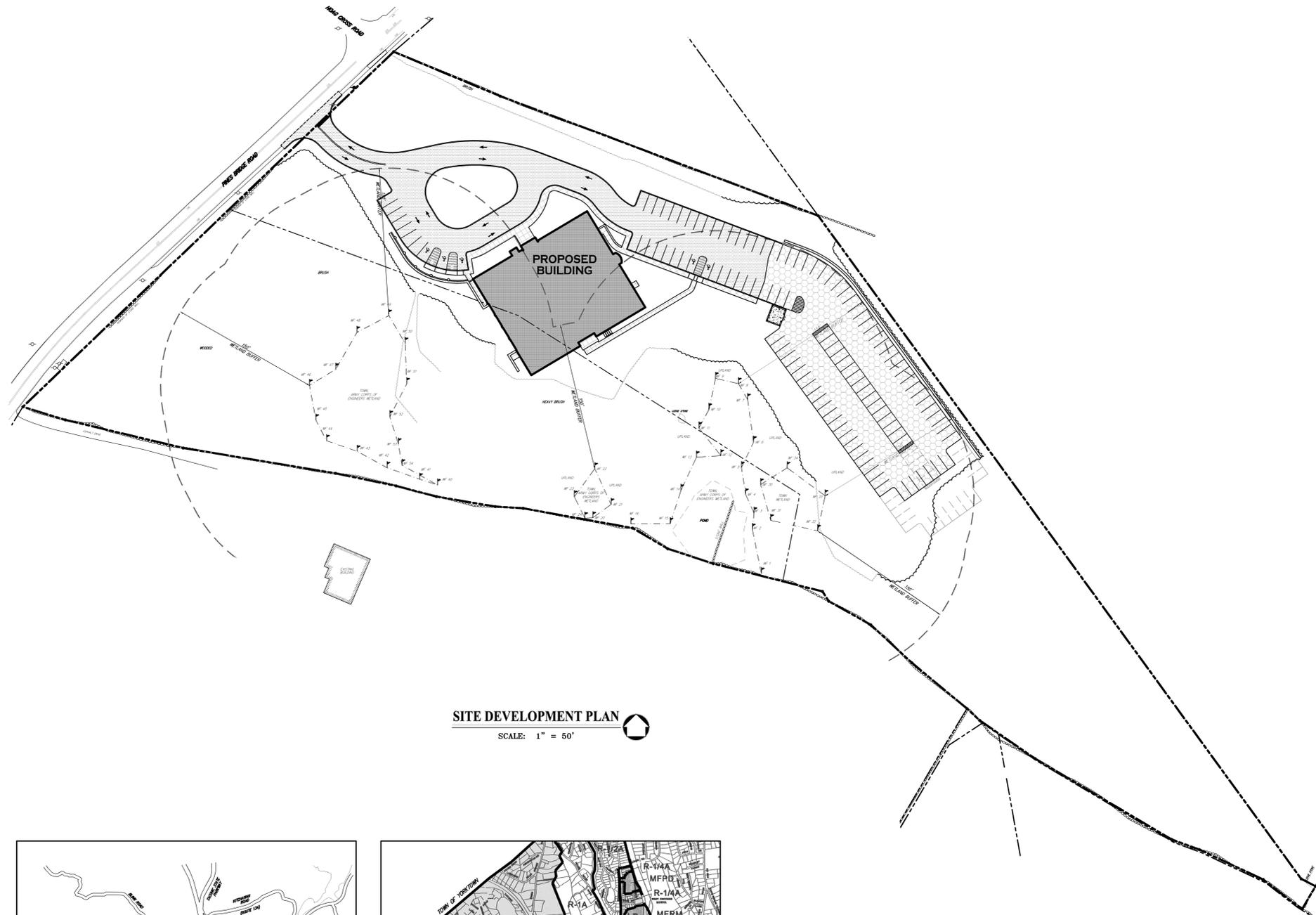
TOWN OF NEW CASTLE, NEW YORK

APPLICANT:
UPPER WESTCHESTER MUSLIM SOCIETY
 P.O. BOX 9
 THORNWOOD, NY 10594

DESIGN TEAM

ARCHITECT
KG&D Architects
 Kaeyer, Garment & Davidson Architects PC
 285 Main Street, Mount Kisco, NY 10549
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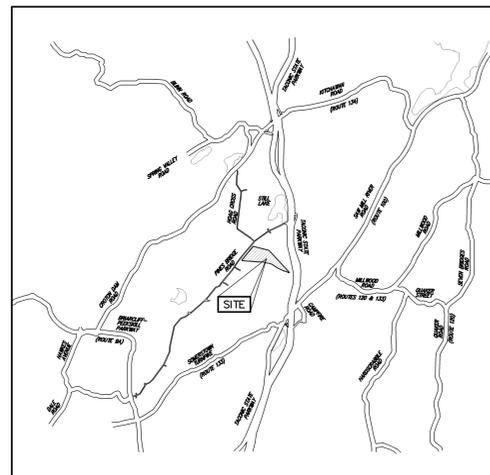
CIVIL ENGINEER
John Meyer Consulting, P.C.
 120 Bedford Road
 Armonk, New York 10504
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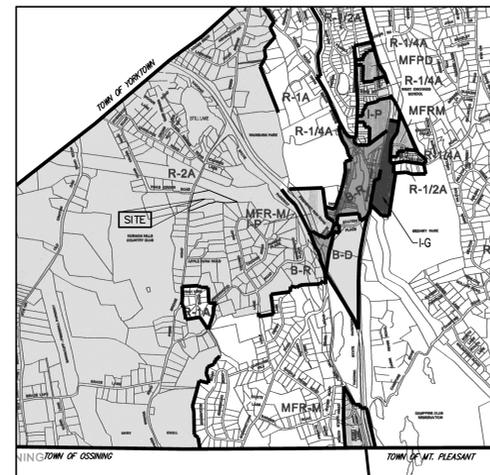
SITE DEVELOPMENT PLAN
 SCALE: 1" = 50'

ZONING COMPLIANCE ANALYSIS			
	EXISTING	PERMITTED/REQUIRED	PROPOSED
ZONING	R-2A	R-2A	R-2A
PERMITTED USE	RESIDENTIAL	PLACE OF WORSHIP	PLACE OF WORSHIP
LOT AREA (ACRES)	8.33	2.00	8.33
NET DRY AREA (SQUARE FEET/ACRES) ⁽¹⁾	136,527.17 / 3.13	78,408 / 1.80 ⁽¹⁾	136,527.17 / 3.13
LOT WIDTH (FEET)	520	200	520
LOT FRONTAGE (FEET)	520	200	520
LOT DEPTH (FEET)	476	200	476
MINIMUM YARDS			
FRONT (FEET)	315	50/60.6 ⁽²⁾	222
SIDE (FEET)	140	50/60.6 ⁽²⁾	78
REAR (FEET)	208	50/60.6 ⁽²⁾	198
MINIMUM PARKING SETBACKS⁽⁷⁾			
FRONT (FEET)	N/A	75	98
SIDE (FEET)	N/A	15	40
REAR (FEET)	N/A	15	15
MAXIMUM HEIGHT			
STORIES	2	3	2
FEET	24	40	30.3
MINIMUM FLOOR AREA (SQ. FT.)	1,500	1,500	24,690
MAXIMUM BUILDING COVERAGE (%)	0.8	20 ⁽⁶⁾	4.23
MAXIMUM IMPERVIOUS COVERAGE (%)	8	50 ⁽⁶⁾	12.6 ⁽³⁾
OFF-STREET PARKING	4	135 ⁽⁴⁾	120 ⁽⁸⁾
OFF-STREET LOADING	N/A	0 ⁽⁵⁾	0 ⁽⁵⁾

- NOTES:**
- SECTION 64-7.4(7) OF THE TOWN CODE STATES THAT FOR PURPOSES OF COMPUTING THE NET DRY AREA FOR A LOT IN AN ENVIRONMENTAL PROTECTION OVERLAY DISTRICT PURSUANT TO § 60-421.6 OF THE TOWN CODE, NO MORE THAN 10% OF THE MINIMUM AREA REQUIREMENT OF A LOT MAY BE FULFILLED BY LAND WHICH IS UNDER WATER, SUBJECT TO FLOODING, CLASSIFIED AS A FLOODWAY UNDER CHAPTER 70 (FLOOD DAMAGE PREVENTION) OF THE TOWN CODE OR CLASSIFIED AS A WETLAND OR WETLAND BUFFER UNDER THE PROVISIONS OF CHAPTER 64 (ENVIRONMENTAL PROTECTION OVERLAY DISTRICT REGULATIONS) OR CHAPTER 137 (WETLANDS) OF THE TOWN CODE.
 - SECTION 60-437.23 OF THE TOWN CODE STATES THAT ALL BUILDINGS SHALL BE SET BACK FROM ADJOINING PROPERTIES IN RESIDENCE DISTRICTS AND STREET LINES DIRECTLY OPPOSITE PROPERTIES IN RESIDENCE DISTRICTS A DISTANCE EQUAL TO AT LEAST TWICE THE HEIGHT OF SUCH BUILDING, BUT IN NO CASE LESS THAN 50 FEET, EXCEPT 25 FEET FOR ACCESSORY BUILDINGS NOT OVER ONE STORY OR 12 FEET IN HEIGHT LOCATED IN A SIDE OR REAR YARD.
 - AN ADDITIONAL 0.56 ACRES (6.73% OF THE PROPERTY AREA) CONSISTS OF PERVIOUS PAVER PAVEMENT.
 - SECTION 60-426 OF THE TOWN CODE STATES THAT THE NUMBER OF PARKING SPACES REQUIRED FOR THEATER, AUDITORIUM, STADIUM OR OTHER PLACES OF PUBLIC ASSEMBLY, INCLUDING A PLACE OF WORSHIP, IS 1 SPACE FOR EACH 5 FIXED SEATS, OR 1 SPACE FOR EACH 100 SQUARE FEET IN PLACES WITHOUT FIXED SEATS, SUCH AS THE PROPOSED UWMS FACILITY. AS SUCH, THE REQUIRED PARKING FOR THE PROPOSED FACILITY IS A TOTAL OF 134 SPACES. 92 PARKING SPACES ARE REQUIRED FOR THE PRAYER HALL/SOCIAL HALL (3,658 SQUARE FOOT PRAYER HALL PLUS 4,510 SQUARE FOOT SOCIAL HALL FOR A TOTAL OF 8,168 SQUARE FEET), AND 52 PARKING SPACES FOR THE LOWER LEVEL (17 CLASSROOMS PLUS ONE OFFICE AND LIBRARY TOTALING 5,188 SQUARE FEET AT A RATE OF 1 SPACE PER 100 SQUARE FEET).
 - SECTION 60-426.6 "OFF-STREET LOADING REQUIREMENTS" OF THE TOWN CODE DOES NOT REQUIRE PLACES OF WORSHIP TO HAVE LOADING SPACES.
 - SECTION 60-437.22 OF THE TOWN CODE STATES THAT ALL BUILDING COVERAGE, INCLUDING ACCESSORY BUILDINGS, SHALL NOT EXCEED 20% OF THE LOT AREA, NOR SHALL THE SUM TOTAL OF THE LAND COVERED WITH BUILDINGS AND PARKING, INCLUDING DRIVEWAYS, EXCEED 50% OF THE LOT AREA, WITHIN ANY RESIDENCE DISTRICT.
 - THE REFERENCED REQUIREMENTS FOR FRONT, SIDE, AND REAR SETBACKS ARE BASED ON THE PROVISIONS OF TOWN CODE SECTION 60-437.23.
 - 15 ADDITIONAL PARKING SPACES ARE ILLUSTRATED ON THE SITE AS FUTURE PARKING TO BE CONSTRUCTED IN THE EVENT IT IS DETERMINED THEY ARE NEEDED.



SITE LOCATION MAP
 SCALE: 1" = 2,000'



REGIONAL ZONING MAP
 SCALE: 1" = 2,000'

DRAWING LIST:

CIVIL

- SP-1 OVERALL EXISTING CONDITIONS PLAN
- SP-2 DEMOLITION PLAN
- SP-3 LAYOUT PLAN
- SP-4 GRADING PLAN
- SP-5 UTILITIES PLAN
- SP-6 SEDIMENT AND EROSION CONTROL AND TREE PROTECTION PLAN
- SP-7 LANDSCAPING PLAN
- SP-8 CONSTRUCTION DETAILS
- SP-9 CONSTRUCTION DETAILS
- SP-10 CONSTRUCTION DETAILS
- SP-11 CONSTRUCTION DETAILS
- SP-12 CONSTRUCTION DETAILS
- SP-13 CONSTRUCTION DETAILS
- SP-14 CONSTRUCTION DETAILS
- SP-15 SITE CROSS SECTIONS
- SP-16 SITE CROSS SECTIONS

ARCHITECTURAL

- A-2 FLOOR PLANS
- A-3 ELEVATIONS

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1.	03/11/2011	DEIS COMPLETENESS SUBMISSION
2.	04/23/2012	DEIS COMPLETENESS SUBMISSION
3.	05/25/2012	DEIS COMPLETENESS SUBMISSION
4.	02/25/2014	FEIS SUBMISSION
5.	06/27/2014	RESPONDING TO TOWN COMMENTS

No. Date Issue

KG&D Project Number: 2005-1030
 JMC Project Number: 5043

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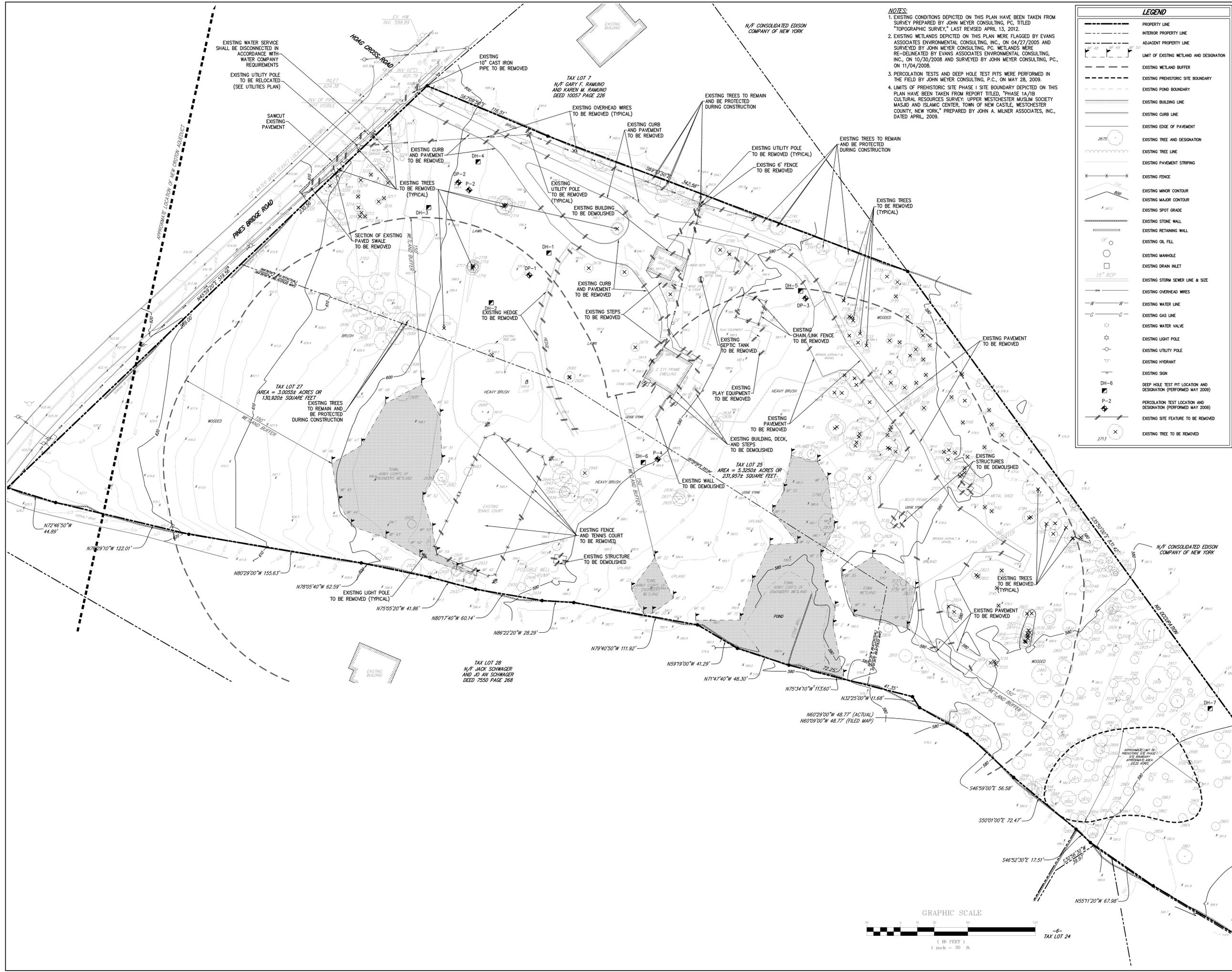


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WWW.JOHNMEYERCONSULTING.COM

NOTES:
1. EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY PREPARED BY JOHN MEYER CONSULTING, PC, TITLED "TOPOGRAPHIC SURVEY," LAST REVISED APRIL 13, 2012.
2. EXISTING WETLANDS DEPICTED ON THIS PLAN WERE FLAGGED BY EVANS ASSOCIATES ENVIRONMENTAL CONSULTING, INC. ON 04/27/2005 AND SURVEYED BY JOHN MEYER CONSULTING, PC. WETLANDS WERE RE-DELINEATED BY EVANS ASSOCIATES ENVIRONMENTAL CONSULTING, INC., ON 10/30/2008 AND SURVEYED BY JOHN MEYER CONSULTING, PC, ON 11/04/2008.
3. PERCOLATION TESTS AND DEEP HOLE TEST PITS WERE PERFORMED IN THE FIELD BY JOHN MEYER CONSULTING, P.C., ON MAY 28, 2009.
4. LIMITS OF PREHISTORIC SITE PHASE 1 SITE BOUNDARY DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM REPORT TITLED, "PHASE 1A/1B CULTURAL RESOURCES SURVEY, UPPER WESTCHESTER MUSLIM SOCIETY MASJID AND ISLAMIC CENTER, TOWN OF NEW CASTLE, WESTCHESTER COUNTY, NEW YORK," PREPARED BY JOHN A. MILNER ASSOCIATES, INC., DATED APRIL, 2009.

LEGEND

- PROPERTY LINE
- INTERIOR PROPERTY LINE
- ADJACENT PROPERTY LINE
- LIMIT OF EXISTING WETLAND AND DESIGNATION
- EXISTING WETLAND BUFFER
- EXISTING PREHISTORIC SITE BOUNDARY
- EXISTING POND BOUNDARY
- EXISTING BUILDING LINE
- EXISTING CURB LINE
- EXISTING EDGE OF PAVEMENT
- EXISTING TREE LINE AND DESIGNATION
- EXISTING TREE LINE
- EXISTING PAVEMENT STRIPING
- EXISTING FENCE
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- EXISTING SPOT GRADE
- EXISTING STONE WALL
- EXISTING RETAINING WALL
- EXISTING OIL FILL
- EXISTING MANHOLE
- EXISTING DRAIN INLET
- EXISTING STORM SEWER LINE & SIZE
- EXISTING OVERHEAD WIRES
- EXISTING WATER LINE
- EXISTING GAS LINE
- EXISTING WATER VALVE
- EXISTING LIGHT POLE
- EXISTING UTILITY POLE
- EXISTING HYDRANT
- EXISTING SIGN
- DEEP HOLE TEST PIT LOCATION AND DESIGNATION (PERFORMED MAY 2009)
- PERCOLATION TEST LOCATION AND DESIGNATION (PERFORMED MAY 2009)
- EXISTING SITE FEATURE TO BE REMOVED
- EXISTING TREE TO BE REMOVED



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5.	06/27/2014	RESPONDING TO TOWN COMMENTS

No.	Date	Issue

DEMOLITION PLAN

Job No.	5043
Date	10/19/2009
Scale	1"=30'
Drawn/Checked	PS

SP-2

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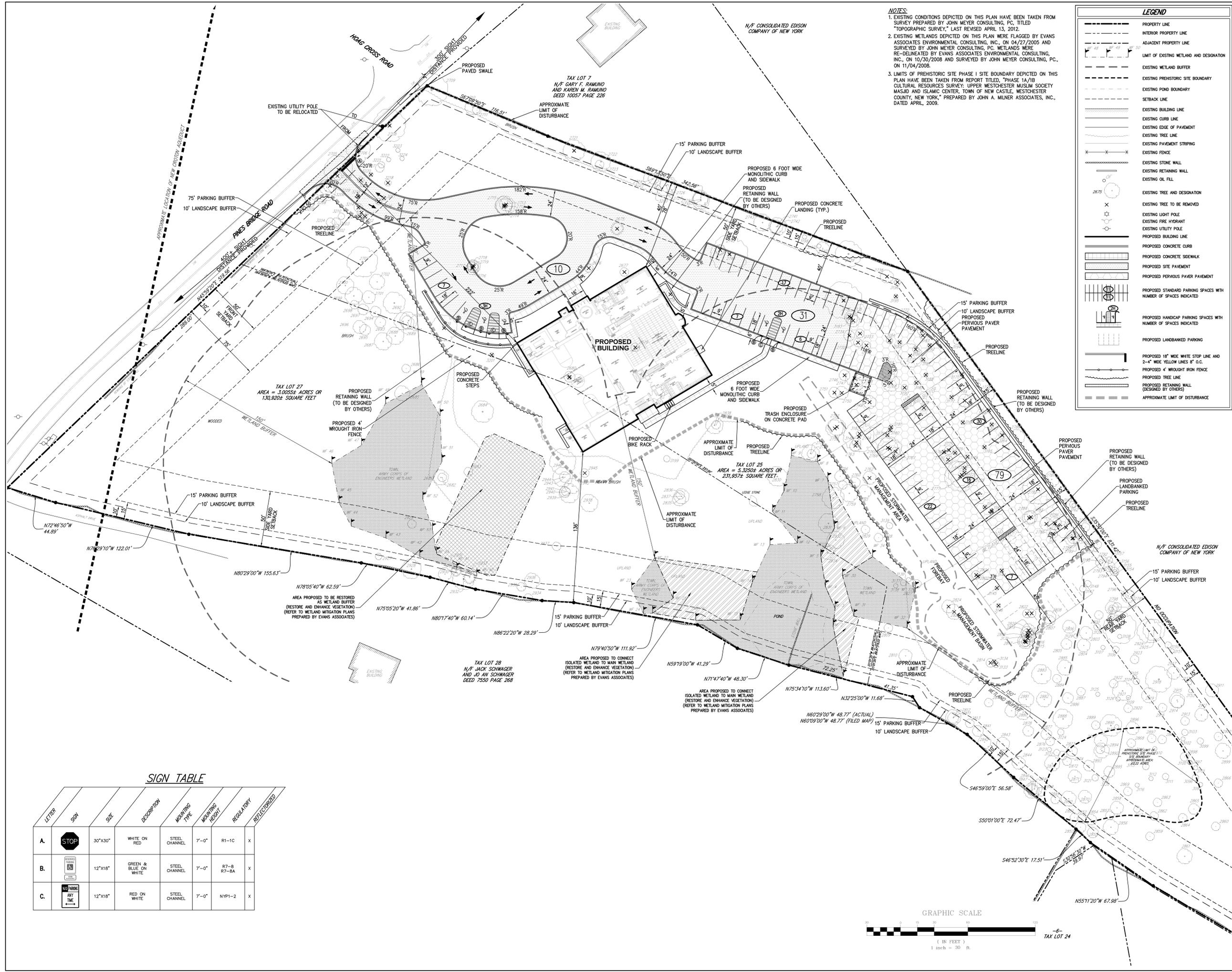


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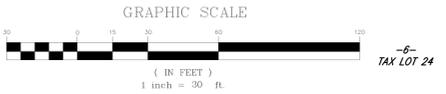
LEGEND

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	EXISTING WETLAND BUFFER
	EXISTING PREHISTORIC SITE BOUNDARY
	EXISTING POND BOUNDARY
	SETBACK LINE
	EXISTING BUILDING LINE
	EXISTING CURB LINE
	EXISTING EDGE OF PAVEMENT
	EXISTING TREE LINE
	EXISTING PAVEMENT STRIPING
	EXISTING FENCE
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING OIL FILL
	EXISTING TREE AND DESIGNATION
	EXISTING TREE TO BE REMOVED
	EXISTING LIGHT POLE
	EXISTING FIRE HYDRANT
	EXISTING UTILITY POLE
	PROPOSED BUILDING LINE
	PROPOSED CONCRETE CURB
	PROPOSED CONCRETE SIDEWALK
	PROPOSED SITE PAVEMENT
	PROPOSED PERVIOUS PAVER PAVEMENT
	PROPOSED STANDARD PARKING SPACES WITH NUMBER OF SPACES INDICATED
	PROPOSED HANDICAP PARKING SPACES WITH NUMBER OF SPACES INDICATED
	PROPOSED LANDBANKED PARKING
	PROPOSED 18" WIDE WHITE STOP LINE AND 2-4" WIDE YELLOW LINES 8" O.C.
	PROPOSED 4" WROUGHT IRON FENCE
	PROPOSED TREE LINE
	PROPOSED RETAINING WALL (DESIGNED BY OTHERS)
	APPROXIMATE LIMIT OF DISTURBANCE



SIGN TABLE

LETTER	SIGN	SIZE	DESCRIPTION	Mounting TYPE	Mounting HEIGHT	REGULATORY	REFLECTORIZED
A.		30"x30"	WHITE ON RED	STEEL CHANNEL	7'-0"	R1-1C	X
B.		12"x18"	GREEN & BLUE ON WHITE	STEEL CHANNEL	7'-0"	R7-8 R7-8A	X
C.		12"x18"	RED ON WHITE	STEEL CHANNEL	7'-0"	NYF1-2	X



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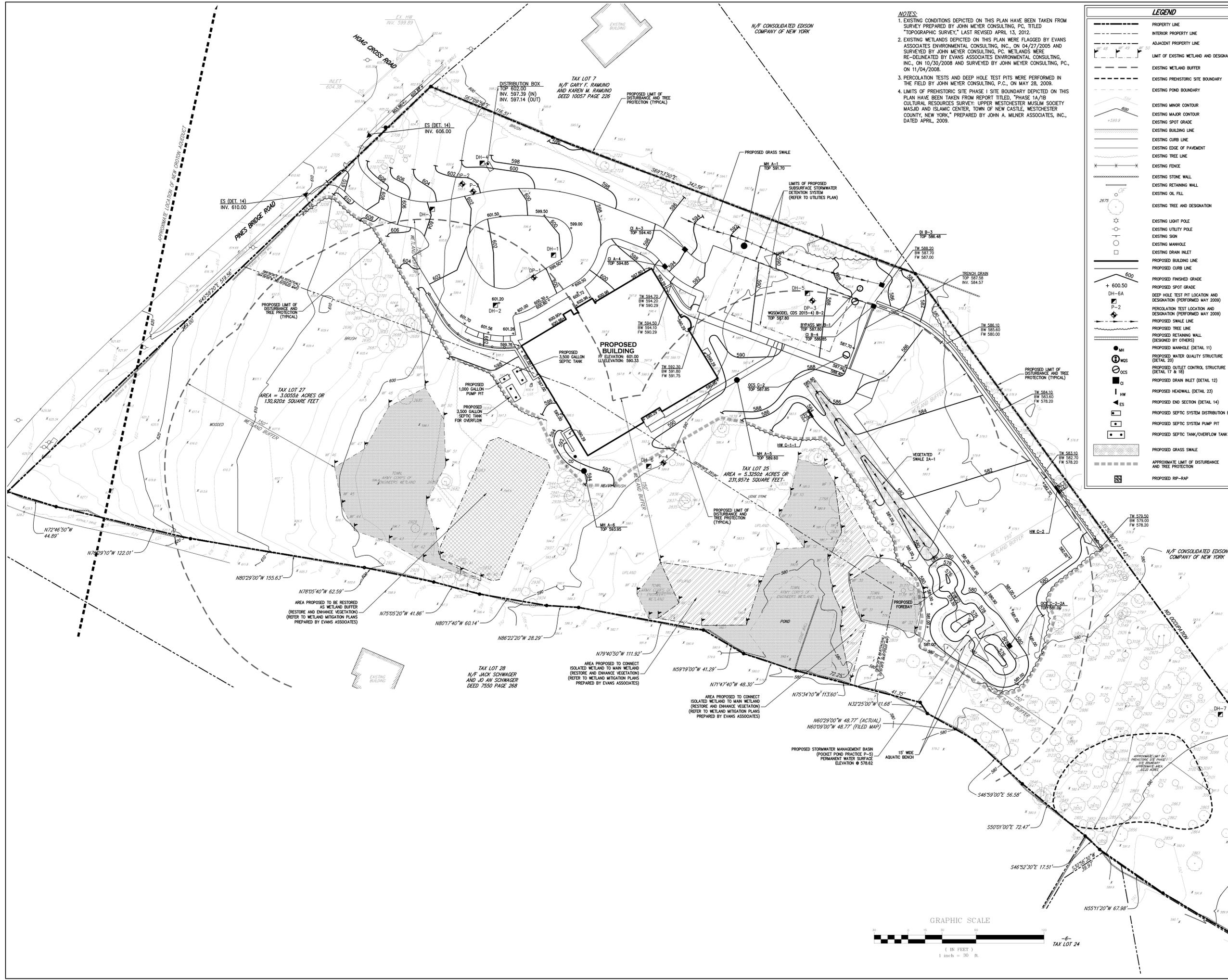
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5.	06/27/2014	RESPONDING TO TOWN COMMENTS

No. Date Issue
Sheet Title

LAYOUT PLAN

Job No. 5043
Date 10/19/2009
Scale 1"=30'
Drawn/Checked PS

SP-3



NOTES:

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LEGEND	
	PROPERTY LINE
	INTERIOR PROPERTY LINE
	ADJACENT PROPERTY LINE
	LIMIT OF EXISTING WETLAND AND DESIGNATION
	EXISTING WETLAND BUFFER
	EXISTING PREHISTORIC SITE BOUNDARY
	EXISTING POND BOUNDARY
	EXISTING MINOR CONTOUR
	EXISTING MAJOR CONTOUR
	EXISTING SPOT GRADE
	EXISTING BUILDING LINE
	EXISTING CURB LINE
	EXISTING EDGE OF PAVEMENT
	EXISTING TREE LINE
	EXISTING FENCE
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING OIL FILL
	EXISTING TREE AND DESIGNATION
	EXISTING LIGHT POLE
	EXISTING UTILITY POLE
	EXISTING SIGN
	EXISTING MANHOLE
	EXISTING DRAIN INLET
	PROPOSED BUILDING LINE
	PROPOSED CURB LINE
	PROPOSED FINISHED GRADE
	PROPOSED SPOT GRADE
	DEEP HOLE TEST PIT LOCATION AND DESIGNATION (PERFORMED MAY 2009)
	PERCOLATION TEST LOCATION AND DESIGNATION (PERFORMED MAY 2009)
	PROPOSED SWALE LINE
	PROPOSED TREE LINE
	PROPOSED RETAINING WALL (DESIGNED BY OTHERS)
	PROPOSED MANHOLE (DETAIL 11)
	PROPOSED WATER QUALITY STRUCTURE (DETAIL 20)
	PROPOSED OUTLET CONTROL STRUCTURE (DETAIL 17 & 18)
	PROPOSED DRAIN INLET (DETAIL 12)
	PROPOSED HEADWALL (DETAIL 23)
	PROPOSED END SECTION (DETAIL 14)
	PROPOSED SEPTIC SYSTEM DISTRIBUTION BOX
	PROPOSED SEPTIC SYSTEM PUMP PIT
	PROPOSED SEPTIC TANK/OVERFLOW TANK
	PROPOSED GRASS SWALE
	APPROXIMATE LIMIT OF DISTURBANCE AND TREE PROTECTION
	PROPOSED RIP-RAP

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No.	Date	Issue

GRADING PLAN

Job No. 5043
 Date 10/19/2009
 Scale 1"=30'
 Drawn/Checked PS

SP-4

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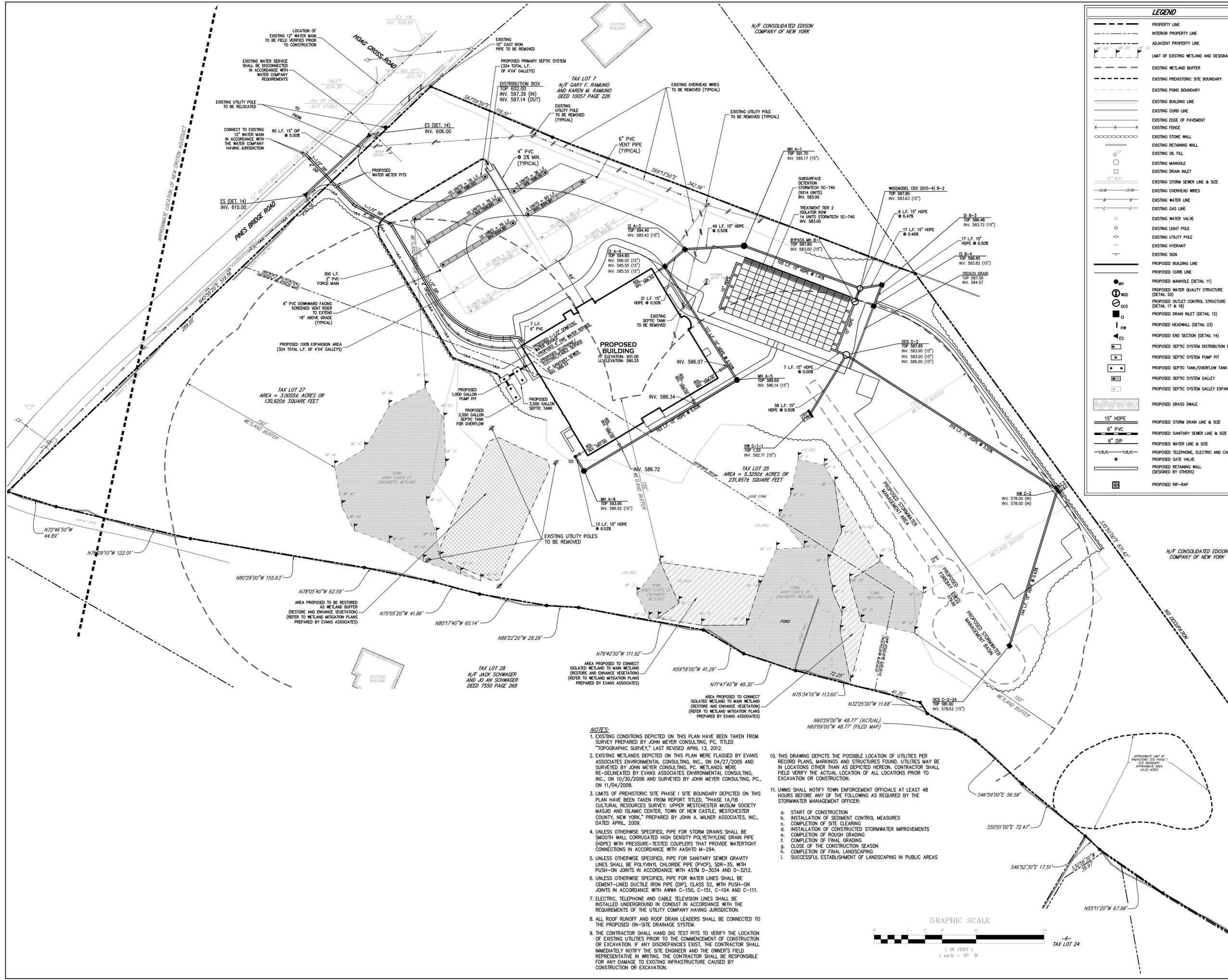
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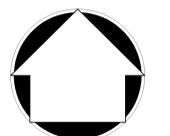
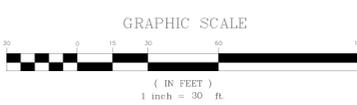
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	EXISTING FENCE
	EXISTING STONE WALL
	EXISTING RETAINING WALL
	EXISTING OIL FILL
	EXISTING MANHOLE
	EXISTING DRAIN INLET
	EXISTING STORM SEWER LINE & SIZE
	EXISTING OVERHEAD WIRES
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING WATER VALVE
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	PROPOSED SEPTIC SYSTEM PUMP PIT
	PROPOSED SEPTIC TANK/OVERFLOW TANK
	PROPOSED SEPTIC SYSTEM GALLEY
	PROPOSED SEPTIC SYSTEM GALLEY EXPANSION
	PROPOSED GRASS SWALE
	PROPOSED STORM DRAIN LINE & SIZE
	PROPOSED SANITARY SEWER LINE & SIZE
	PROPOSED WATER LINE & SIZE
	PROPOSED TELEPHONE, ELECTRIC AND CABLE
	PROPOSED GATE VALVE
	PROPOSED RETAINING WALL (DESIGNED BY OTHERS)
	PROPOSED RIP-RAP



- NOTES**
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 - EXISTING WETLANDS DEPICTED ON THIS PLAN WERE FLAGGED BY EVANS ASSOCIATES ENVIRONMENTAL CONSULTING, INC., ON 04/27/2005 AND SURVEYED BY JOHN MEYER CONSULTING, PC. WETLANDS WERE RE-DELINEATED BY EVANS ASSOCIATES ENVIRONMENTAL CONSULTING, INC., ON 10/30/2008 AND SURVEYED BY JOHN MEYER CONSULTING, PC., ON 11/04/2008.
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 - UNLESS OTHERWISE SPECIFIED, PIPE FOR STORM DRAINS SHALL BE SMOOTH WALL CORRUGATED HIGH DENSITY POLYETHYLENE DRAIN PIPE (HDPE) WITH PRESSURE-TESTED COUPLERS THAT PROVIDE WATERTIGHT CONNECTIONS IN ACCORDANCE WITH AASHTO M-294.
 - UNLESS OTHERWISE SPECIFIED, PIPE FOR SANITARY SEWER GRAVITY LINES SHALL BE POLYVINYL CHLORIDE PIPE (PVC), SDR-35, WITH PUSH-ON JOINTS IN ACCORDANCE WITH ASTM D-3034 AND D-3212.
 - UNLESS OTHERWISE SPECIFIED, PIPE FOR WATER LINES SHALL BE CEMENT-LINED DUCTILE IRON PIPE (DIP), CLASS 52, WITH PUSH-ON JOINTS IN ACCORDANCE WITH AWWA C-150, C-151, C-104 AND C-111.
 - ELECTRIC, TELEPHONE AND CABLE TELEVISION LINES SHALL BE INSTALLED UNDERGROUND IN CONDUIT IN ACCORDANCE WITH THE REQUIREMENTS OF THE UTILITY COMPANY HAVING JURISDICTION.
 - ALL ROOF RUNOFF AND ROOF DRAIN LEADERS SHALL BE CONNECTED TO THE PROPOSED ON-SITE DRAINAGE SYSTEM.
 - THE CONTRACTOR SHALL HAND DIG TEST PITS TO VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OR EXCAVATION. IF ANY DISCREPANCIES EXIST, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE SITE ENGINEER AND THE OWNER'S FIELD REPRESENTATIVE IN WRITING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING INFRASTRUCTURE CAUSED BY CONSTRUCTION OR EXCAVATION.
 - THIS DRAWING DEPICTS THE POSSIBLE LOCATION OF UTILITIES PER RECORD PLANS, MARKINGS AND STRUCTURES FOUND. UTILITIES MAY BE IN LOCATIONS OTHER THAN AS DEPICTED HEREON. CONTRACTOR SHALL FIELD VERIFY THE ACTUAL LOCATION OF ALL LOCATIONS PRIOR TO EXCAVATION OR CONSTRUCTION.
 - UWMS SHALL NOTIFY TOWN ENFORCEMENT OFFICIALS AT LEAST 48 HOURS BEFORE ANY OF THE FOLLOWING AS REQUIRED BY THE STORMWATER MANAGEMENT OFFICER:
 - START OF CONSTRUCTION
 - INSTALLATION OF SEDIMENT CONTROL MEASURES
 - COMPLETION OF SITE CLEARING
 - INSTALLATION OF CONSTRUCTED STORMWATER IMPROVEMENTS
 - COMPLETION OF ROUGH GRADING
 - COMPLETION OF FINAL GRADING
 - CLOSE OF THE CONSTRUCTION SEASON
 - COMPLETION OF FINAL LANDSCAPING
 - SUCCESSFUL ESTABLISHMENT OF LANDSCAPING IN PUBLIC AREAS



ANY ALTERATION OF PLANS, SPECIFICATIONS, PLATS AND REPORTS BEARING THE SEAL OF A LICENSED PROFESSIONAL ENGINEER OR LICENSED LAND SURVEYOR IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW, EXCEPT AS PROVIDED FOR BY SECTION 7209, SUBSECTION 2.

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1.	03/11/2011	DEIS COMPLETENESS SUBMISSION
2.	04/23/2012	DEIS COMPLETENESS SUBMISSION
3.	05/25/2012	DEIS COMPLETENESS SUBMISSION
4.	02/25/2014	FIS SUBMISSION
5.	06/27/2014	RESPONDING TO TOWN COMMENTS

No.	Date	Issue

UTILITIES PLAN	
Job No.	5043
Date	10/19/2009
Scale	1"=30'
Drawn/Checked	PS
SP-5	

UWMS MASJID & ISLAMIC CENTER

130 PINES BRIDGE ROAD
TOWN OF NEW CASTLE, N.Y.

UPPER WESTCHESTER
MUSLIM SOCIETY
P.O. BOX 9
THORNWOOD, N.Y 10594



kaeyer, garment & davidson architects, pc
285 main street mount kisco, new york 10549
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JOHN MEYER CONSULTING, PC
SITE DEVELOPMENT CONSULTANTS
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1.	03/11/2011	DEIS COMPLETENESS SUBMISSION
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4.	02/25/2014	FEIS SUBMISSION
5.	06/27/2014	RESPONDING TO TOWN COMMENTS

No.	Date	Issue

LANDSCAPING PLAN

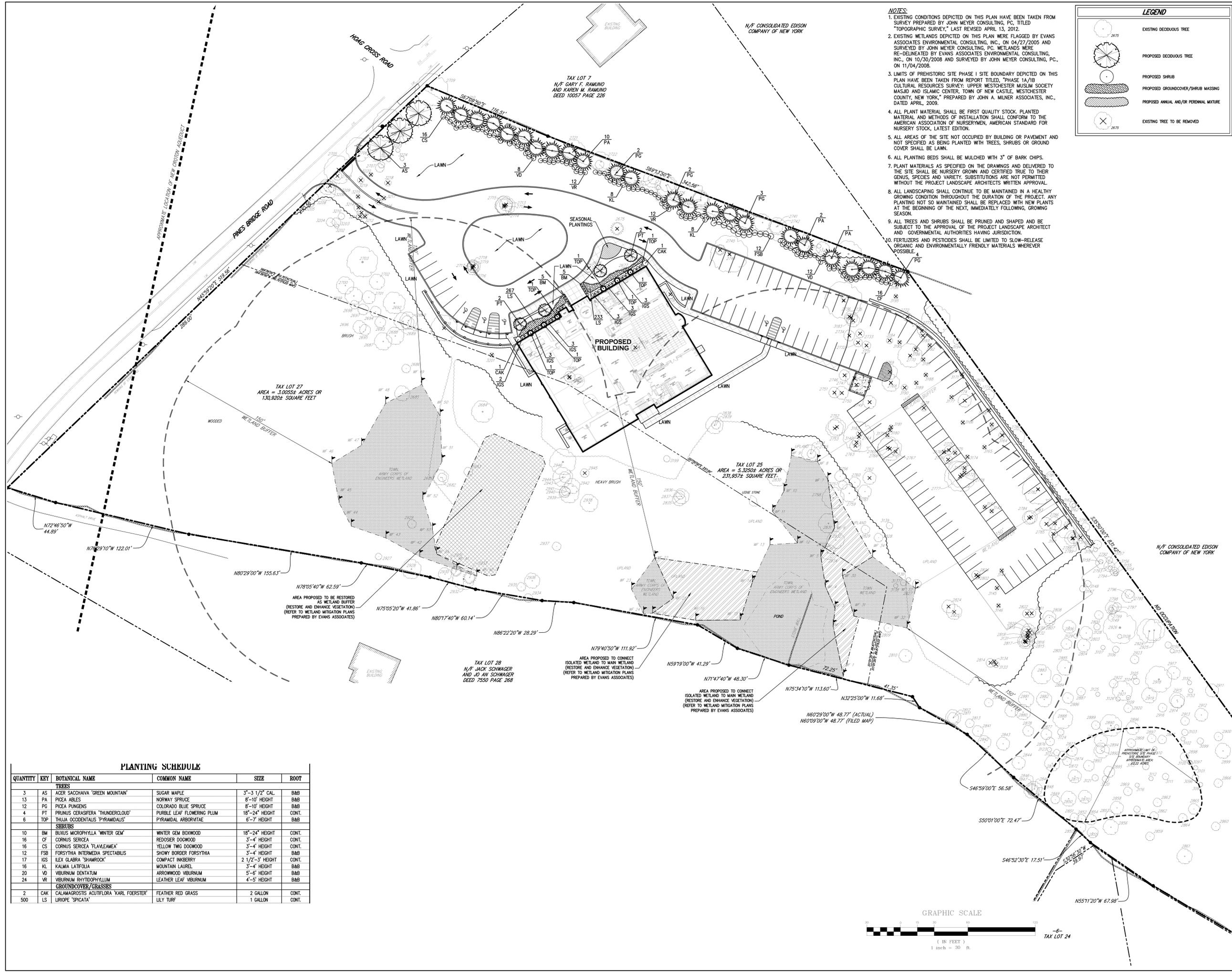
Job No.	5043
Date	10/19/2009
Scale	1"=30'
Drawn/Checked	PS

SP-7

- NOTES:**
- EXISTING CONDITIONS DEPICTED ON THIS PLAN HAVE BEEN TAKEN FROM SURVEY PREPARED BY JOHN MEYER CONSULTING, PC, TITLED "TOPOGRAPHIC SURVEY," LAST REVISED APRIL 13, 2012.
 - EXISTING WETLANDS DEPICTED ON THIS PLAN WERE FLAGGED BY EVANS ASSOCIATES ENVIRONMENTAL CONSULTING, INC. ON 04/27/2005 AND SURVEYED BY JOHN MEYER CONSULTING, PC. WETLANDS WERE RE-DELINEATED BY EVANS ASSOCIATES ENVIRONMENTAL CONSULTING, INC. ON 10/30/2008 AND SURVEYED BY JOHN MEYER CONSULTING, PC. ON 11/04/2008.
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 - ALL PLANT MATERIAL SHALL BE FIRST QUALITY STOCK. PLANTED MATERIAL AND METHODS OF INSTALLATION SHALL CONFORM TO THE AMERICAN ASSOCIATION OF NURSERMEN, AMERICAN STANDARD FOR NURSERY STOCK, LATEST EDITION.
 - ALL AREAS OF THE SITE NOT OCCUPIED BY BUILDING OR PAVEMENT AND NOT SPECIFIED AS BEING PLANTED WITH TREES, SHRUBS OR GROUND COVER SHALL BE LAWN.
 - ALL PLANTING BEDS SHALL BE MULCHED WITH 3" OF BARK CHIPS.
 - PLANT MATERIALS AS SPECIFIED ON THE DRAWINGS AND DELIVERED TO THE SITE SHALL BE NURSERY GROWN AND CERTIFIED TRUE TO THEIR GENUS, SPECIES AND VARIETY. SUBSTITUTIONS ARE NOT PERMITTED WITHOUT THE PROJECT LANDSCAPE ARCHITECTS WRITTEN APPROVAL.
 - ALL LANDSCAPING SHALL CONTINUE TO BE MAINTAINED IN A HEALTHY GROWING CONDITION THROUGHOUT THE DURATION OF THE PROJECT. ANY PLANTING NOT SO MAINTAINED SHALL BE REPLACED WITH NEW PLANTS AT THE BEGINNING OF THE NEXT, IMMEDIATELY FOLLOWING, GROWING SEASON.
 - ALL TREES AND SHRUBS SHALL BE PRUNED AND SHAPED AND BE SUBJECT TO THE APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT AND GOVERNMENTAL AUTHORITIES HAVING JURISDICTION.
 - FERTILIZERS AND PESTICIDES SHALL BE LIMITED TO SLOW-RELEASE ORGANIC AND ENVIRONMENTALLY FRIENDLY MATERIALS WHEREVER POSSIBLE.

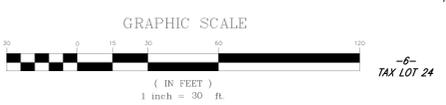
LEGEND

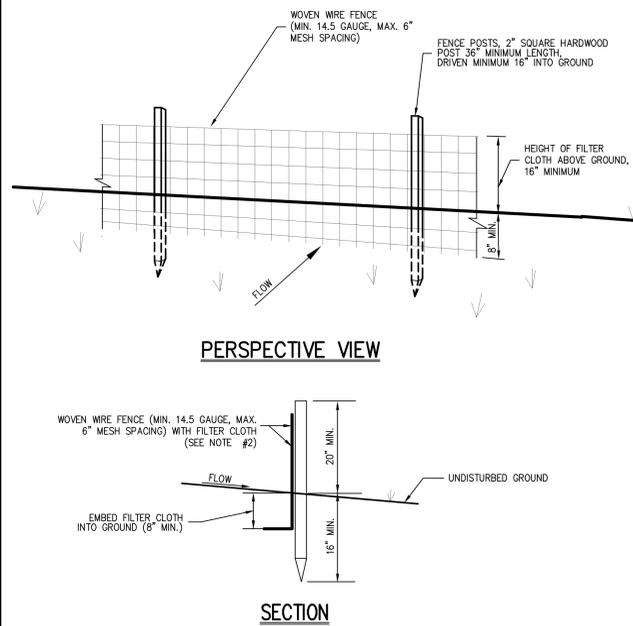
- EXISTING DECIDUOUS TREE
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUB
- PROPOSED GROUNDCOVER/SHRUB MASSING
- PROPOSED ANNUAL AND/OR PERENNIAL MIXTURE
- EXISTING TREE TO BE REMOVED



PLANTING SCHEDULE

QUANTITY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT
TREES					
3	AS	ACER SACCHAVIA 'GREEN MOUNTAIN'	SUGAR MAPLE	3"-3 1/2" CAL.	B&B
13	PA	PICEA ABLES	NORWAY SPRUCE	8'-10' HEIGHT	B&B
12	PG	PICEA PUNGENS	COLORADO BLUE SPRUCE	8'-10' HEIGHT	B&B
4	PT	PRUNUS CERASIFERA 'HUNDREDCLOUD'	PURPLE LEAF FLOWERING PLUM	18"-24" HEIGHT	CONT.
6	TOP	THUJA OCCIDENTALIS 'PYRAMIDALIS'	PYRAMIDAL ARBORVITAE	6"-7" HEIGHT	B&B
SHRUBS					
10	BM	BUXUS MICROPHYLLA 'WINTER GEM'	WINTER GEM BOXWOOD	18"-24" HEIGHT	CONT.
16	CF	CORNUS SERICEA	REDOSIER DOGWOOD	3"-4" HEIGHT	CONT.
16	CS	CORNUS SERICEA 'FLAVILEAMEA'	YELLOW TWIG DOGWOOD	3"-4" HEIGHT	CONT.
12	FSB	FORSYTHIA INTERMEDIA SPECTABILIS	SHOWY BORDER FORSYTHIA	3"-4" HEIGHT	B&B
17	IGS	ILEX GLABRA 'SHAMROCK'	COMPACT HIBBERRY	2 1/2"-3" HEIGHT	CONT.
16	KL	KALAMIA LATIFOLIA	MOUNTAIN LAUREL	3"-4" HEIGHT	B&B
20	VD	VBURNUM DENTATUM	ARROWWOOD VBURNUM	5'-5" HEIGHT	B&B
24	VR	VBURNUM RHYTIDOPHYLLUM	LEATHER LEAF VBURNUM	4'-5" HEIGHT	B&B
GROUNDCOVER/GRASSES					
2	CAK	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER RED GRASS	2 GALLON	CONT.
500	LS	LIRIOPE 'SPICATA'	LILY TURF	1 GALLON	CONT.



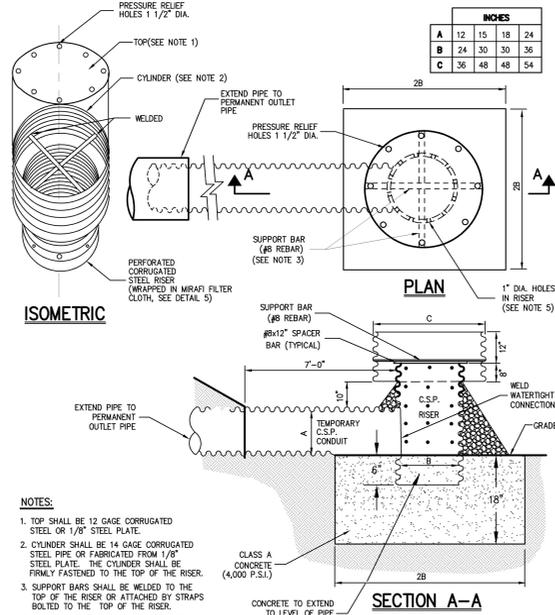


NOTES:

- WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED AND REPLACED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

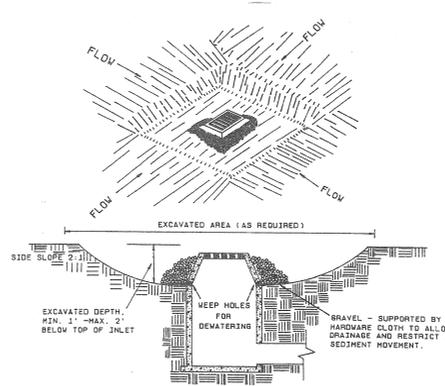
MATERIALS:

- POSTS: STEEL, EITHER T OR U TYPE, OR 2" HARDWOOD
- FENCE: WOVEN WIRE, 14.5 GAUGE 6" MAX. MESH SPACING
- FILTER CLOTH: FILTER X, MIRAFI 100K, STABLINKA 1140N OR APPROVED EQUAL
- PREFABRICATED UNIT: GEO FAB, ENVIROFENCE, OR APPROVED EQUAL

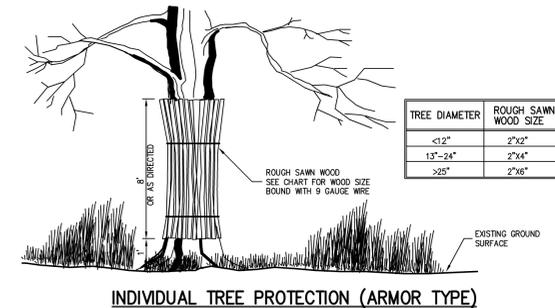
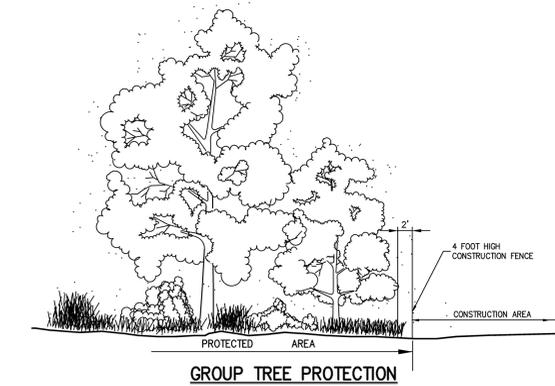


NOTES:

- TOP SHALL BE 12 GAGE CORRUGATED STEEL OR 1/8" STEEL PLATE.
- CYLINDER SHALL BE 14 GAGE CORRUGATED STEEL PIPE OR FABRICATED FROM 1/8" STEEL PLATE. THE CYLINDER SHALL BE FIRMLY FASTENED TO THE TOP OF THE RISER.
- SUPPORT BARS SHALL BE WELDED TO THE TOP OF THE RISER OR ATTACHED BY STRAPS BOLTED TO THE TOP OF THE RISER.
- TEMPORARY RISER AND ANTI-VORTEX DEVICE SHALL BE REMOVED UPON COMPLETION OF PAVEMENT AND ESTABLISHMENT OF SEEDING AREAS.
- RISER TO BE PERFORATED WITH 1" HOLES SPACED 12" HORIZ. AND VERT. AND LOCATED IN CONCAVE PORTION OF CORRUGATIONS. PERFORATIONS SHALL NOT EXTEND BELOW INVERT ELEVATIONS OF OUTLET PIPE. WRAP RISER IN MIRAFI FILTER CLOTH AND SURROUND RISER WITH 1 1/2"-2" SIZE CRUSHED STONE.



- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
 - GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
 - WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
 - UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
- MAXIMUM DRAINAGE AREA 1 ACRE



SILT FENCE

1

TEMPORARY RISER & ANTI-VORTEX DEVICE

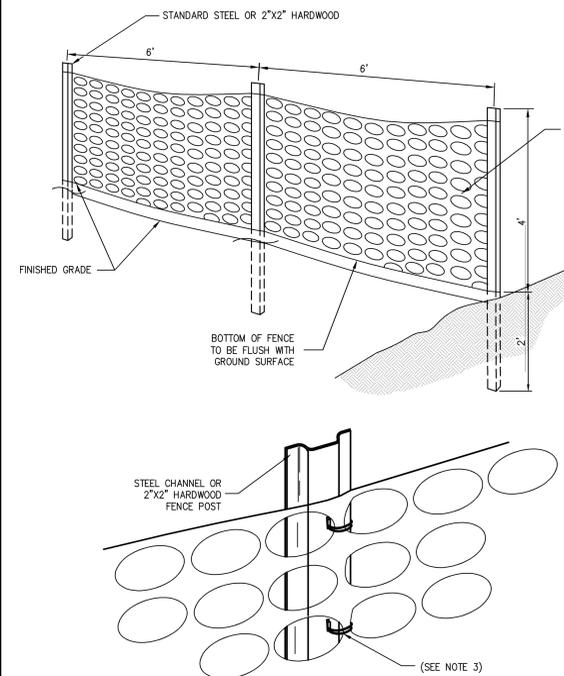
2

EXCAVATED DROP INLET PROTECTION

3

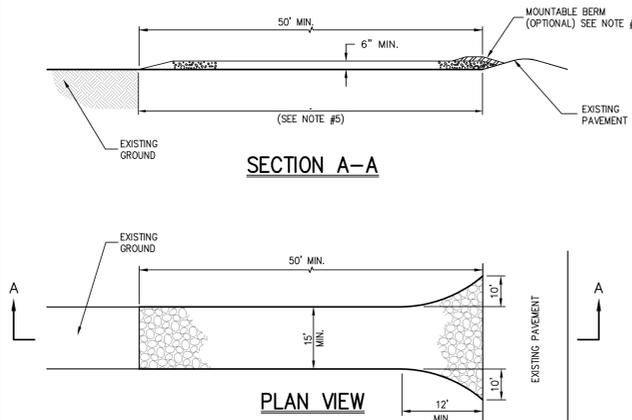
TREE PROTECTION

4



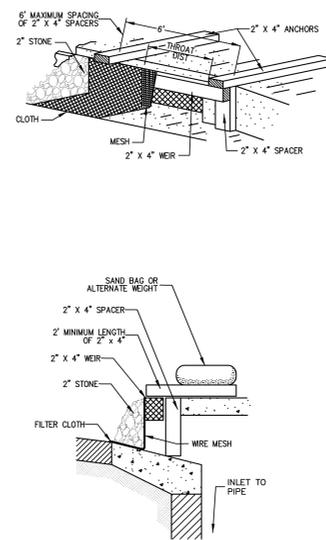
NOTES:

- SPACE SUPPORT FENCE POSTS AT 6 FOOT INTERVALS.
- DRIVE SUPPORT POSTS 2 FEET INTO GROUND.
- FIRMLY FASTEN FENCE MATERIAL IN PLACE BY WRINGING TO FENCE POST WHILE MAINTAINING TENSION ACROSS FULL HEIGHT OF FENCE. WRING SHALL BE DONE IN A MANNER THAT WILL PREVENT SAGGING OF FENCE MATERIAL.
- PROVIDE PERIODIC INSPECTION AND MAINTENANCE OF FENCE INCLUDING REPAIRS AS NECESSARY AND REQUIRED.
- PLASTIC FENCE SHALL BE INTERNATIONAL ORANGE COLOR, AS MANUFACTURED BY ADPI ENTERPRISES, INC. OR APPROVED EQUAL.



NOTES:

- STONE SIZE - USE 1 1/2" TO 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.
- THICKNESS - NOT LESS THAN SIX (6) INCHES.
- WIDTH - 15 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. 24 FOOT MINIMUM IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH TO BE PLACED OVER THE ENTIRE WIDTH AND LENGTH OF AREA PRIOR TO PLACING OF STONE.
- 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.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURE USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

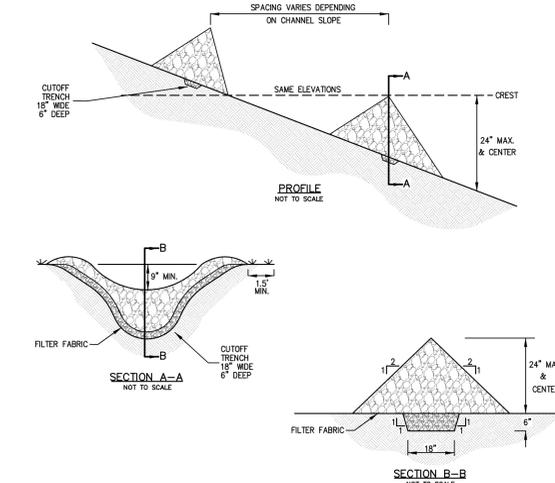


NOTES:

- FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
- WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" CONSTRUCTION GRADE LUMBER.
- WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30" MINIMUM WIDTH WITH A LENGTH 4" LONGER THAN THE THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO A 2" X 4" WEIR.
- THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" X 4" ANCHORS 2' LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SANDBAGS OR ALTERNATE WEIGHTS.

STONE CHECK DAM

7



CONSTRUCTION SPECIFICATIONS:

- STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
- SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
- EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANK TO PREVENT CUTTING AROUND THE DAM.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
- ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

MAXIMUM DRAINAGE AREA 2 ACRES.

CONSTRUCTION FENCE

5

STABILIZED CONSTRUCTION ENTRANCE

6

CURB GUTTER INLET PROTECTION STRUCTURE

7

STONE CHECK DAM

8

UWMS MASJID & ISLAMIC CENTER

130 PINES BRIDGE ROAD
TOWN OF NEW CASTLE, N.Y

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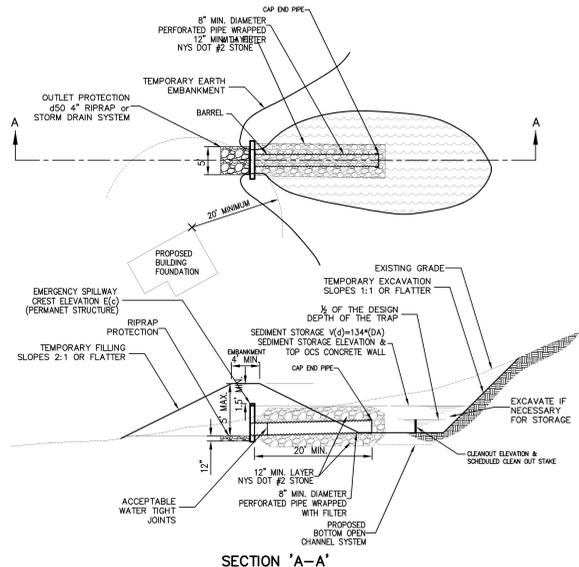
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No.	Date	Issue
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Sheet Title

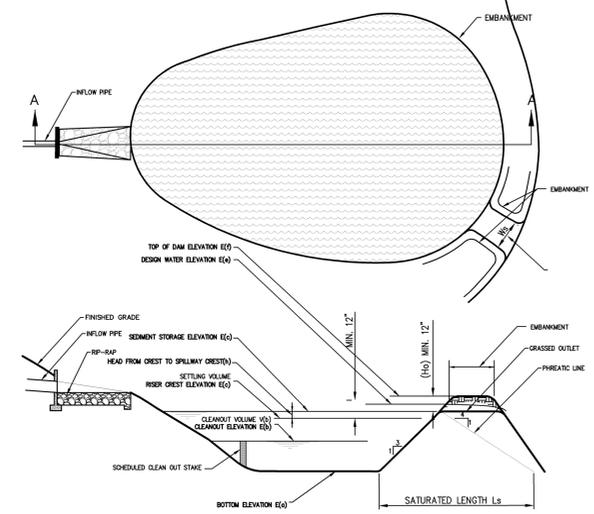
CONSTRUCTION DETAILS

Job No.	Sheet No.
5043	SP-8
Date	
05/05/2006	
Scale	
N.T.S.	
Drawn/Checked	
PS	



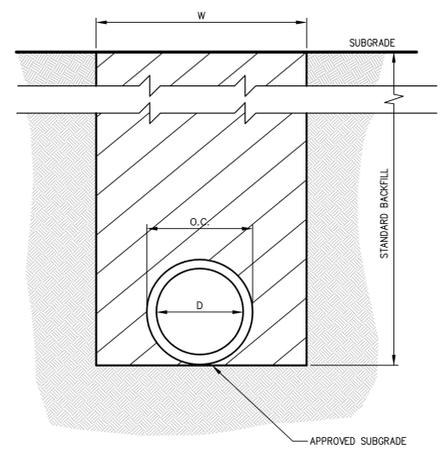
DESIGNATION	TYPE OF TRAP	DRAINAGE AREA (ACRES)	STORAGE AREA (SQ. FT.)	STORAGE DEPTH (FT.)	INVERT ELEVATION (E(f))	ORIFICE INVERT ELEVATION (E(e))	OUTLET INVERT ELEVATION (E(f))	TOP OF FINISHMENT (E(g))	TOP OF DRAINAGE (E(g))
A-1	ST-I	0.70	2,520	2,566	584.00	584.00	585.00	586.00	587.50
A-3	ST-I	1.07	3,852	4,164	578.50	579.25	580.00	581.50	

NOTE:
MAXIMUM DRAINAGE AREA 5 ACRES.



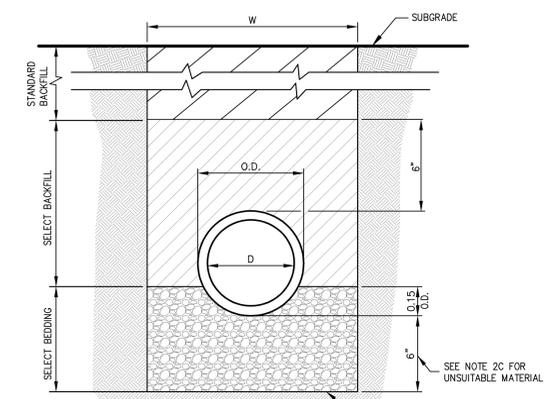
DESIGNATION	D.A.	E(f)	V(b)	E(c)	E(e)	E(f)	Ws
A-2	0.35	583.25	24	584.00	584.50	585.00	4.0

NOTE:
MAXIMUM DRAINAGE AREA 5 ACRES.



D=INSIDE DIAMETER, SPAN, OR RISE
O.D.=OUTSIDE BARREL DIAMETER, SPAN OR RISE
H.D.=OUTSIDE DIAMETER, SPAN, OR RISE @ BELL OR BAND
W=H.D. + 2.0' - FOR 48" OR SMALLER DIAMETER, SPAN, OR RISE
W=H.D. + 2.5' - FOR GREATER THAN 48" DIAMETER, SPAN, OR RISE

- NOTES:
- IN FILL AREAS, EMBANKMENTS SHALL BE CONSTRUCTED TO A MAXIMUM OF 2 FEET ABOVE TOP OF PIPE BEFORE EXCAVATING TRENCH.
 - FOR CORRUGATED POLYETHYLENE DRAIN PIPE (CPDP) INSTALLATION AND POLYVINYL CHLORIDE (PVC) PIPE AND CONDUIT INSTALLATION, USE TYPE II TRENCH.
 - BACKFILL FOR PIPE AND CONDUIT SHALL BE PLACED EVENLY AND CAREFULLY AROUND AND OVER THE PIPE OR CONDUIT IN SIX (6) INCH MAXIMUM LAYERS. EACH LAYER SHALL BE THOROUGHLY AND CAREFULLY COMPACTED UNTIL TWELVE (12) INCHES OF COVER EXISTS OVER THE PIPE OR CONDUIT. THE REMAINDER OF THE BACKFILL MAY THEN BE PLACED AND COMPACTED IN A MAXIMUM OF TWELVE (12) INCH LAYERS. EACH LAYER SHALL BE COMPACTED BY APPROVED MECHANICAL TAMPING MACHINES, UNLESS OTHERWISE SPECIFIED BACKFILL SHALL BE COMPACTED TO NOT LESS THAN 92% MAXIMUM MODIFIED DENSITY IN ACCORDANCE WITH ASTM DESIGNATION D-1557 IN THE MANNER HEREIN DESCRIBED. BACKFILL SHALL PROCEED UP TO THE LINES AND GRADES AS SHOWN ON THE DRAWINGS.



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W=H.D. + 2.0' - FOR 48" OR SMALLER DIAMETER, SPAN, OR RISE
W=H.D. + 2.5' - FOR GREATER THAN 48" DIAMETER, SPAN, OR RISE

- NOTES:
- FOR TYPE II TRENCH, MATERIAL FOR SELECT BEDDING AND SELECT BACKFILL SHALL BE:
 - EITHER SAND OR CRUSHED STONE IF NO WATER IS ENCOUNTERED IN TRENCH.
 - CRUSHED STONE IF WATER IS ENCOUNTERED IN TRENCH.
 - TYPE II TRENCH SHALL BE USED IN ALL OF THE FOLLOWING CASES:
 - FOR ALL CORRUGATED POLYETHYLENE DRAIN PIPE (CPDP) AND PVC PIPE AND CONDUIT INSTALLATION.
 - WHEN ROCK OR HARDPAK IS ENCOUNTERED IN BOTTOM OF TRENCH.
 - WHEN UNSUITABLE MATERIAL IS ENCOUNTERED IN BOTTOM OF TRENCH. IN SUCH CASE DEPTH OF UNDERCUTTING SHALL BE AS DIRECTED BY THE ENGINEER WITH 6" MINIMUM.
 - FOR ALL TRENCH EXCAVATION IN FILL AREAS, ALL EMBANKMENTS SHALL BE CONSTRUCTED TO A MINIMUM OF 2 FEET ABOVE THE OUTSIDE TOP (AT THE BELL) OF THE PIPE PRIOR TO BEGINNING ANY TRENCH EXCAVATION.
 - BACKFILL FOR PIPE AND CONDUIT SHALL BE PLACED EVENLY AND CAREFULLY AROUND AND OVER THE PIPE OR CONDUIT IN SIX (6) INCH MAXIMUM LAYERS. EACH LAYER SHALL BE THOROUGHLY AND CAREFULLY COMPACTED UNTIL TWELVE (12) INCHES OF COVER EXISTS OVER THE PIPE OR CONDUIT. THE REMAINDER OF THE BACKFILL MAY THEN BE PLACED AND COMPACTED IN A MAXIMUM OF TWELVE (12) INCH LAYERS. EACH LAYER SHALL BE COMPACTED BY APPROVED MECHANICAL TAMPING MACHINES, UNLESS OTHERWISE SPECIFIED BACKFILL SHALL BE COMPACTED TO NOT LESS THAN 92% MAXIMUM MODIFIED DENSITY IN ACCORDANCE WITH ASTM DESIGNATION D-1557 IN THE MANNER HEREIN DESCRIBED. BACKFILL SHALL PROCEED UP TO THE LINES AND GRADES AS SHOWN ON THE DRAWINGS.

PIPE OUTLET SEDIMENT TRAP ST-I (MODIFIED)

9

GRASS OUTLET SEDIMENT TRAP ST-II

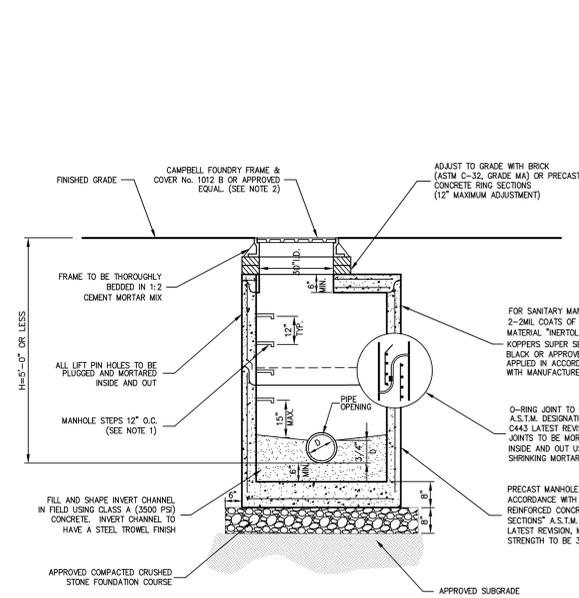
10

TYPE I TRENCH (FLAT BOTTOM)

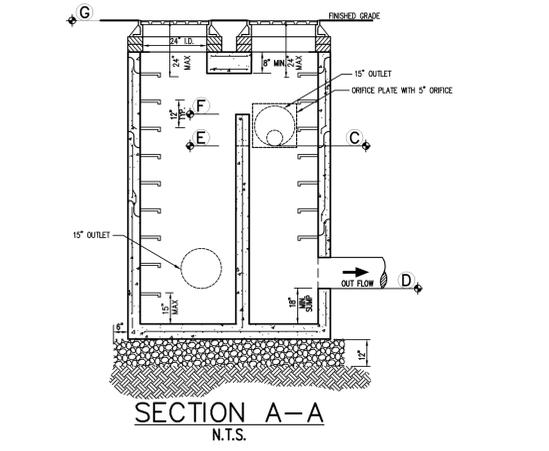
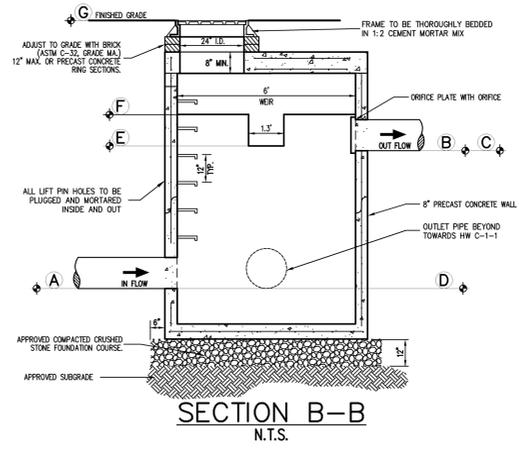
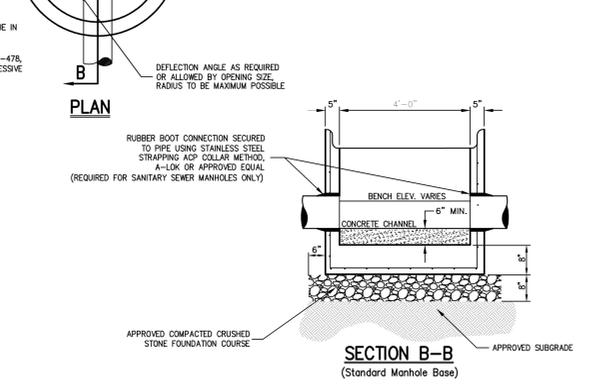
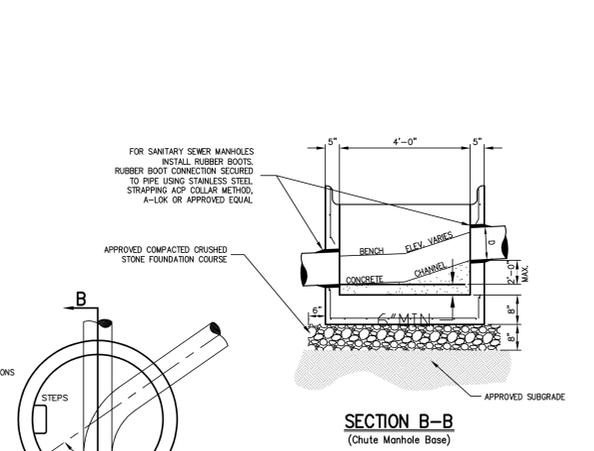
11

TYPE II TRENCH

12



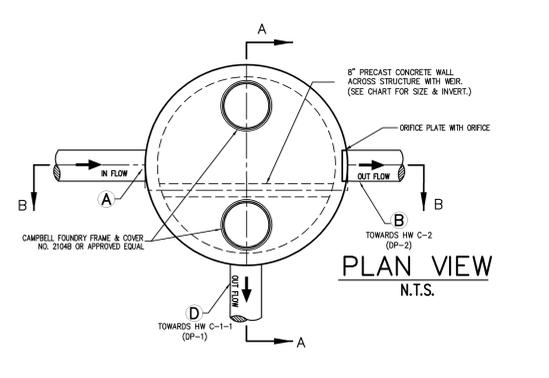
- NOTES:
- MANHOLE STEPS SHALL BE CAST IRON NENAH No. R-1981-0 OR CAMPBELL FOUNDRY No. 2588-1 OR POLYPROPYLENE COATED STEEL (SEE SPECIFICATIONS) OR APPROVED EQUAL.
 - UNLESS OTHERWISE SPECIFIED, SANITARY SEWER MANHOLES SHALL HAVE LETTERS "SEWERY" AND STORM DRAIN MANHOLES SHALL HAVE LETTERS "STORM" CAST ON COVER. THE COVERS SHALL HAVE VENT HOLES.
 - MANHOLES SHALL MEET OR EXCEED A.S.T.M. AND O.S.H.A. REQUIREMENTS.
 - SEE "NOTES PERTAINING TO MANHOLES" UNDER "UTILITY NOTES" ON THIS DRAWING.



SCHEDULE OF INVERTS

DESIGNATION	A		B		C		D		E		F		G
	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	INLET	OUTLET	
OCS C-2	15" HDPE	583.00	15" HDPE	585.00	5"	585.00	15" HDPE	583.00	1.3'	585.00	6" WEIR	586.05	587.85

- NOTES:
- STEPS SHALL BE CAST IRON NENAH No. R-1981-0 OR CAMPBELL FOUNDRY No. 2588-1 OR POLYPROPYLENE COATED STEEL (SEE SPECIFICATIONS) OR APPROVED EQUAL.
 - STRUCTURES SHALL MEET OR EXCEED A.S.T.M. AND O.S.H.A. REQUIREMENTS.
 - STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE H=20 LOADING.



MANHOLE (TYPE A) (H < 5'-0")

13

OUTLET CONTROL STRUCTURE C-2

14

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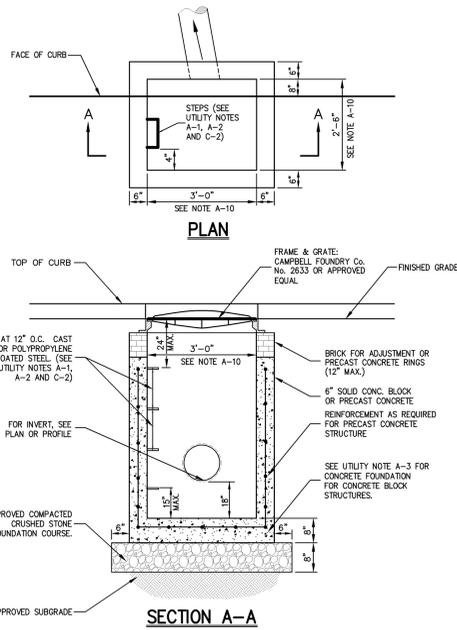
No.	Date	Issue
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2.	04/23/2012	DEIS COMPLETENESS SUBMISSION
3.	05/25/2012	DEIS COMPLETENESS SUBMISSION
4.	02/25/2014	FEIS SUBMISSION
5.	06/27/2014	RESPONDING TO TOWN COMMENTS

No.	Date	Issue

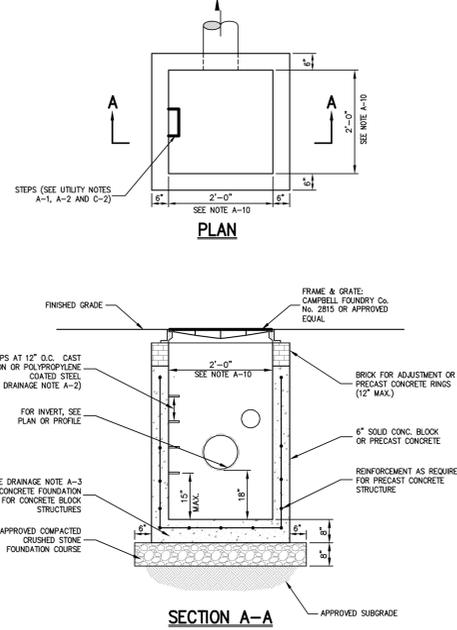
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Job No. 5043
Date 05/05/2006
Scale N.T.S.
Drawn/Checked PS

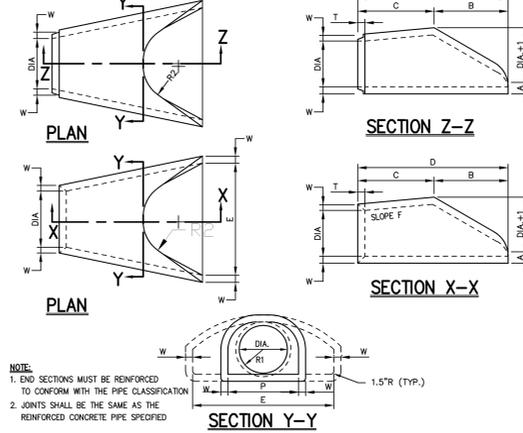
Sheet No. SP-9



NOTE:
1. SEE NOTES PERTAINING TO DRAIN INLETS UNDER UTILITY NOTES ON THIS DRAWING.



NOTE:
1. SEE NOTES PERTAINING TO DRAIN INLETS UNDER UTILITY NOTES ON THIS DRAWING.



NOTE:
1. END SECTIONS MUST BE REINFORCED TO CONFORM WITH THE PIPE CLASSIFICATION.
2. JOINTS SHALL BE THE SAME AS THE REINFORCED CONCRETE PIPE SPECIFIED.

DIMENSIONS IN INCHES														
W	DIA.	A	B	C	D	E	F	+1	P	R1	R2	T		
2.25	15	6	27	46	73	30	3.1	16	24	5/16	12.5	11	2	
2.50	18	9	27	46	73	36	3.1	19	29	15.5	12	1.25		
3.00	24	9.5	42	30	73.5	48	3.1	23	33	3/16	16	13/16	14	2.75
3.50	30	12	54	19.5	73.75	60	3.1	31	37	18.5	15	3		
4.00	36	15	63	34	93.75	72	3.1	37	47	13/16	24	3/16	20	3.5
4.50	42	21	63	35	98	78	3.1	43	55	7/8	27.5	22	3.75	
5.00	48	24	72	26	98	84	3.1	49	56.5	28.5	22	4.25		
5.00	54	27	65	35	88	78	2.1	55	63.5	33	1/8	24	4.75	
6.00	60	30	60	39	87	84	2.1	61	72.5	36	13/16	24	5	
6.125	66	36	78	33	87	90	2.1	67	72	36	1/8	24	5.5	
7.00	72	42	78	21	87	92	2.1	73	77	13/16	38	15/16		

DRAIN INLET (TYPE CI)
(with sump-w/o finger underdrains)

15

DRAIN INLET (TYPE L)
(with sump)

16

END SECTION
(CONCRETE)

17

UTILITY NOTES

18

NOTES PERTAINING TO DRAIN INLETS

- A-1 STEPS WILL NOT BE REQUIRED IN INLETS LESS THAN FOUR (4) FEET IN DEPTH. STEPS WILL BE REQUIRED IN INLETS FOUR (4) FEET OR GREATER IN DEPTH. DEPTHS FOR DRAIN INLETS SHALL BE MEASURED FROM FINISHED GRADE TO INSIDE BOTTOM OF STRUCTURE (INCLUDING SLUMP AS APPLICABLE).
- A-2 WHEN STEPS ARE REQUIRED, STEPS SHALL COMPLY WITH THE SAME REQUIREMENTS OF ASTM STANDARD C-478, ARTICLE 13 ENTITLED "MANHOLE STEPS & LADDERS".
- A-3 FOR MASONRY STRUCTURES, THE FIRST COURSE OF MASONRY SHALL BE SET IN THE CONCRETE FOUNDATION BEFORE THE CONCRETE HAS SET. CONCRETE FOUNDATION SHALL BE CLASS "A"(3500 psi) CONCRETE, TWELVE (12) INCHES THICK AND SHALL EXTEND SIX (6) INCHES BEYOND THE OUTSIDE FACE OF THE STRUCTURE.
- A-4 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND CONSTRUCT THE PROPER SIZE STRUCTURE INCLUDING THE NECESSARY OPENINGS TO ACCOMMODATE THE WORK AS SHOWN ON THE PLANS OR ORDERED BY THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.
- A-5 ALL NECESSARY PATCHING FOR DRAIN STRUCTURES SHALL BE ACCOMPLISHED WITH NON-SHRINKING CEMENT MORTAR GROUT, APPROVED EQUAL TO SIK-A-SET AS MANUFACTURED BY THE SIK-A CHEMICAL CORP.
- A-6 FOUNDATIONS FOR PRECAST CONCRETE STRUCTURES SHALL BE SET ON A COMPACTED LAYER OF APPROVED CRUSHED STONE HAVING A MINIMUM COMPACTED THICKNESS OF EIGHT (8) INCHES.
- A-7 ALL PIPES SHALL BE CUT FLUSH WITH THE INSIDE WALL OF THE STRUCTURE.
- A-8 PROVIDE REINFORCED CONCRETE TOP SLAB FOR OVERSIZED DRAIN INLETS WITH PROPER SIZE OPENING TO ACCOMMODATE INSTALLATION OF FRAME & GRATE.
- A-9 FOR MASONRY STRUCTURES GREATER THAN TEN (10) FEET IN DEPTH, THICKNESS OF MASONRY WALLS SHALL BE INCREASED TO TWELVE (12) INCHES.
- A-10 FOR ALL STRUCTURES GREATER THAN 10 FEET IN DEPTH, STRUCTURES SHALL PROVIDE MINIMUM INSIDE DIMENSIONS OF 4 FEET X 4 FEET.

NOTES PERTAINING TO MANHOLES

- B-1 PRECAST CONCRETE MANHOLES SHALL COMPLY WITH ASTM STANDARD C-478. MANHOLE JOINTS SHALL COMPLY WITH ASTM STANDARD C-443.
- B-2 FOR PRECAST CONCRETE MANHOLES FIVE (5) FEET OR LESS IN HEIGHT, TOP CONE SECTION SHALL BE REPLACED WITH PRECAST REINFORCED CONCRETE SLAB (6" MIN. THICKNESS) WITH OPENING OF SUFFICIENT SIZE TO ACCOMMODATE MANHOLE CASTING.
- B-3 FOR MANHOLES 10 FEET OR MORE IN DEPTH, MANHOLE DIAMETER SHALL BE FIVE (5) FEET.
- B-4 TERMINAL MANHOLE FLOORS SHALL BE SLOPED TOWARD OUTFALL PIPE.
- B-5 INVERT CHANNELS FOR PRECAST CONCRETE MANHOLES SHALL BE CONSTRUCTED OF CONCRETE.
- B-6 NOTES A-1, A-2, A-4, A-5, A-6 & A-7 UNDER "NOTES PERTAINING TO DRAIN INLETS" ABOVE SHALL APPLY TO MANHOLES.

NOTES PERTAINING TO PRECAST CONCRETE STRUCTURES FOR STORM DRAINS, SANITARY SEWERS AND WATER LINES

- C-1 ALL PRECAST CONCRETE STRUCTURES SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.
- C-2 STEPS SHALL BE LOCATED WITHIN STRUCTURE TO AVOID PLACEMENT OVER PIPES WHEN PRACTICABLE.

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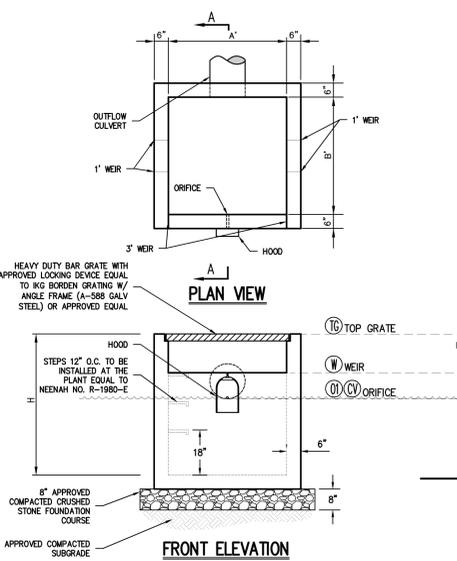
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2.	04/23/2012	DEIS COMPLETENESS SUBMISSION
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No. Date Issue
Sheet Title

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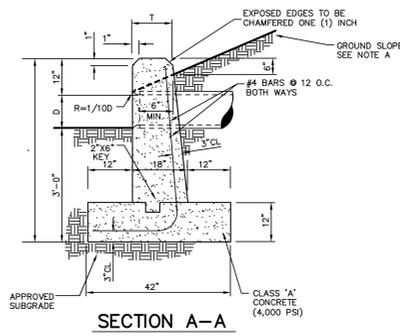
Job No. 5043
Date 05/05/2006
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SP-10



STRUCTURE No.	STRUCTURE SIZE		RECT. WEIR	CIRCULAR ORIFICE	OUTLET CULVERT
	A' x B'	H'			
DCS C-2-2A	3.00'x3.00'	4.38'	581.00	5'	578.21
				1'-3/8"	578.62
				15"	578.62

NOTES:
1. PRECAST CONCRETE STRUCTURE SHALL BE DESIGNED TO ACCOMMODATE AN H-20 DESIGN LOAD.
2. SEE UTILITY NOTES A-4 TO A-7.



D	1.5:1 SLOPE		2:1 SLOPE		3:1 SLOPE	
	C MIN.	T	B	B	B	B
12"	5'-0"	8"	5'-0"	6'-0"	7'-0"	7'-0"
15"	5'-3"	8"	5'-6"	7'-0"	8'-9"	8'-9"
18"	5'-6"	8"	6'-0"	8'-0"	10'-6"	10'-6"
21"	5'-9"	10"	7'-0"	9'-0"	12'-3"	12'-3"
24"	6'-0"	10"	8'-0"	10'-0"	14'-0"	14'-0"
27"	6'-3"	12"	8'-6"	11'-0"	15'-9"	15'-9"
30"	6'-6"	12"	9'-0"	12'-0"	17'-6"	17'-6"
36"	7'-0"	12"	10'-6"	13'-6"	19'-6"	19'-6"
42"	7'-6"	12"	12'-0"	15'-0"	22'-6"	22'-6"
48"	8'-0"	12"	13'-6"	16'-6"	25'-6"	25'-6"
54"	8'-6"	12"	15'-0"	18'-0"	28'-6"	28'-6"

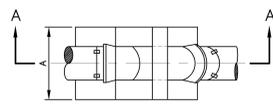
NOTE: A
GROUND SLOPE TO BE 3 HORIZONTAL TO 1 VERTICAL UNLESS OTHERWISE SPECIFIED (SEE CHART)

OUTLET CONTROL STRUCTURE C-2-2A

19

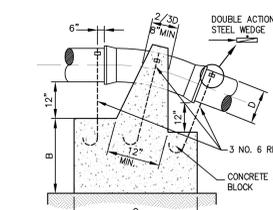
STRAIGHT CONCRETE HEADWALL

20



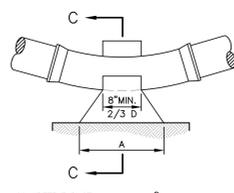
VERTICAL BEND

BEND	DIAMETER (D)					
	6"	8"	10"	12"	16"	
1/32	A	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"
	B	1'-3"	1'-9"	1'-3"	2'-0"	2'-0"
	C	2'-0"	2'-6"	2'-9"	3'-0"	4'-0"
1/16	A	2'-0"	3'-4"	3'-8"	4'-0"	4'-4"
	B	1'-9"	2'-3"	2'-6"	2'-6"	2'-6"
	C	2'-6"	2'-8"	4'-0"	4'-0"	5'-6"
1/8	A	2'-6"	3'-0"	4'-0"	4'-6"	5'-2"
	B	2'-6"	2'-9"	3'-0"	3'-6"	4'-0"
	C	3'-0"	4'-0"	4'-6"	4'-9"	6'-6"



HORIZONTAL BEND

BEND	DIAMETER (D)				
	6"	8"	10"	12"	
1/32	A	8"	8"	10"	12"
	B	7"	8"	9"	10"
	C	7"	7"	8"	8"
1/16	A	9"	12"	1'-6"	1'-9"
	B	7"	8"	9"	10"
	C	8"	9"	10"	11"
1/8	A	1'-3"	1'-8"	2'-1"	2'-6"
	B	7"	8"	9"	11"
	C	8"	9"	10"	11"
1/4	A	2'-0"	2'-6"	3'-0"	3'-6"
	B	7"	9"	12"	1'-3"
	C	2'-0"	1'-9"	1'-8"	1'-7"

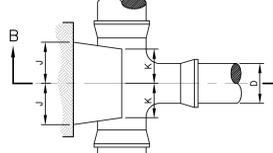


TEE

D	6"	8"	10"	12"
H	7"	9"	10"	12"
I	8"	10"	12"	1'-3"
J	7"	9"	12"	1'-2"
K	6"	8"	8"	8"

CAP

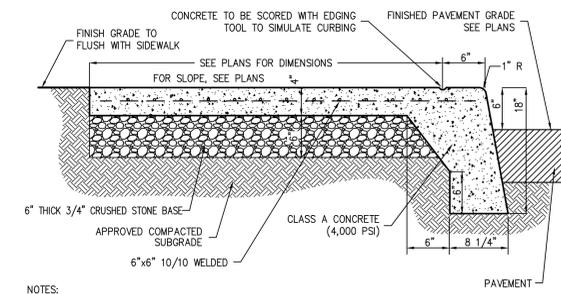
D	6"	8"	10"	12"
E	6"	8"	8"	10"
F	12"	1'-4"	1'-8"	2'-0"
G	1'-5"	2'-0"	2'-5"	3'-0"



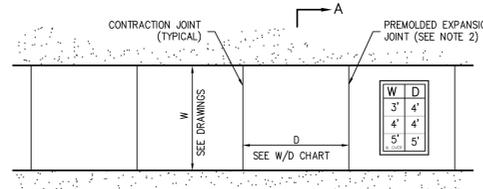
- NOTES:**
1. ALL CONCRETE TO BE CLASS A (4,000 PSI).
 2. ALL ANCHOR AND THRUST BLOCKS TO BEAR ON UNDISTURBED EARTH.
 3. IN ALL CASES SHOWN, MEASUREMENT "D" REFERS TO THE INSIDE PIPE DIAMETER.
 4. ANCHOR AND THRUST BLOCK DIMENSIONS SHOWN ARE MINIMUM FOR 100 PSI WATER PRESSURE AND SOIL RESISTANCE OF 2 KIPS PER SQ. FT. CONTRACTOR SHALL ADJUST FOR OTHER CONDITIONS AND SUBMIT FOR APPROVAL.

ANCHOR AND THRUST BLOCKS

26



- NOTES:**
1. SIDEWALK CROSS SLOPE SHALL BE 1% MIN. TO 2% MAX.

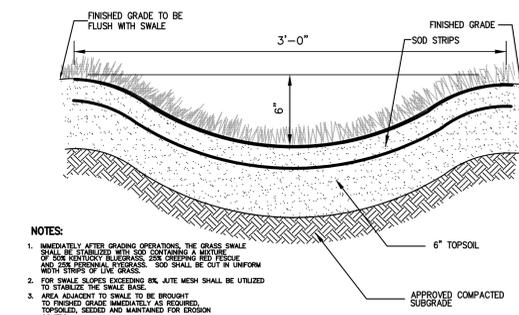


PAVEMENT REPLACEMENT OVER TRENCH

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MONOLITHIC CONCRETE CURB AND SIDEWALK

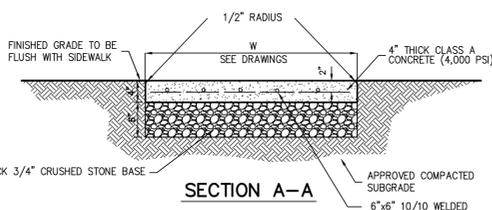
31



- NOTES:**
1. IMMEDIATELY AFTER GRADING OPERATIONS, THE GRASS SWALE SHALL BE STABILIZED WITH 200 CHIPPING RED PINE AND 1/2" PERFORAL EXPOSURE. SOD SHALL BE CUT IN UNIFORM WIDTH STRIPS OF LIVE GRASS.
 2. FOR SWALE SLOPES EXCEEDING 6%, SITE MESH SHALL BE UTILIZED TO STABILIZE THE SWALE BASE.
 3. AREA ADJACENT TO SWALE TO BE BROUGHT TO FINISHED GRADE IMMEDIATELY AS REQUIRED, TOPSOILED, SEEDED AND MAINTAINED FOR EROSION CONTROL.

GRASS SWALE

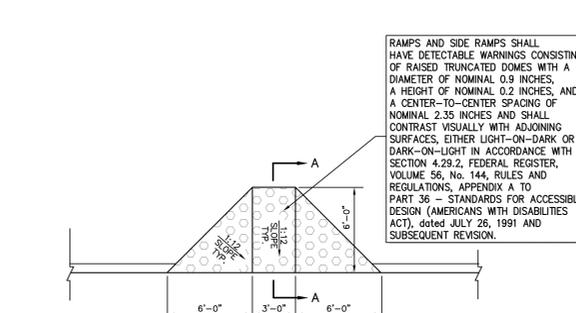
32



- NOTES:**
1. SIDEWALK CROSS SLOPE SHALL BE 1% MIN. TO 2% MAX.
 2. PROVIDE 1/2" PREMOLDED EXPANSION JOINTS AT 20' INTERVALS UNLESS OTHERWISE DIRECTED.
 3. REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS.
 4. SIDEWALK SHALL HAVE LIGHT BROOM FINISH.

CONCRETE SIDEWALK

33



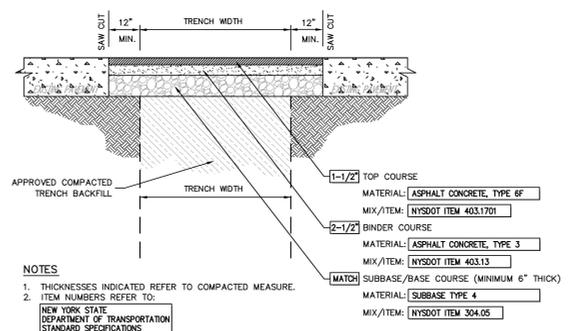
- NOTES:**
1. THICKNESSES INDICATED REFER TO COMPACTED MEASURE.
 2. ITEM NUMBERS REFER TO:
- NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS

DROP CURB & RAMP

34

SITE PAVEMENT (Light Duty)

27



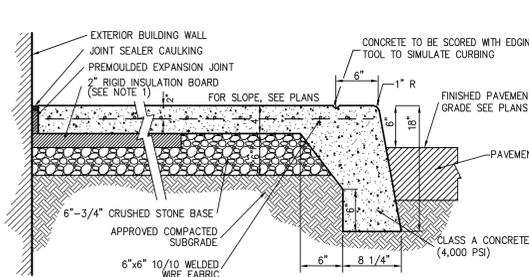
- NOTES:**
1. THICKNESSES INDICATED REFER TO COMPACTED MEASURE.
 2. ITEM NUMBERS REFER TO:
- NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS

PAVEMENT REPLACEMENT OVER TRENCH

28

CAST-IN-PLACE CONCRETE CURB

29



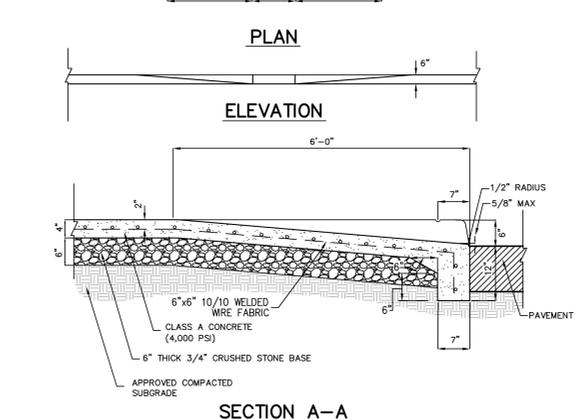
- NOTES:**
1. PROVIDE 2" RIGID INSULATION BOARD AT ALL DOORWAY OPENINGS AND EXTEND 8" MIN. IN ALL DIRECTIONS OR TO CONSTRUCTION/CONTRACTION JOINT, WHICHEVER IS GREATER.
 2. JOINT SEALER CAULKING SHALL BE GACO AS-3, ONE PART ACRYLIC BY GATES ENG. OR APPROVED EQUAL. PREMOLDED EXPANSION JOINT SHALL BE FLEXCELL OR APPROVED EQUAL.
 3. PROVIDE JOINT SEALER & PREMOLDED EXPANSION JOINT AT ALL BLDG. WALLS, CONSTRUCTION JOINTS AND OTHER FIXED OBJECTS (HYDRANTS, LIGHT POLES, ETC.).
 4. SIDEWALK SHALL HAVE LIGHT BROOM FINISH.
 5. SIDEWALK CROSS SLOPE SHALL BE 1% MIN. TO 2% MAX.

BUILDING PERIMETER MONOLITHIC CONCRETE CURB & SIDEWALK

30

PAVEMENT REPLACEMENT OVER TRENCH

28



- NOTES:**
1. RAMP AND SIDE RAMPS SHALL HAVE DETECTABLE WARNINGS CONSISTING OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES, AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 INCHES AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT IN ACCORDANCE WITH SECTION 4.29.2, FEDERAL REGISTER, VOLUME 56, NO. 144, RULES AND REGULATIONS, APPENDIX A TO PART 36 - STANDARDS FOR ACCESSIBLE DESIGN (AMERICANS WITH DISABILITIES ACT), dated JULY 26, 1991 AND SUBSEQUENT REVISION.

PLAN

ELEVATION

CONSTRUCTION DETAILS

UWMS MASJID & ISLAMIC CENTER

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- 04/23/2012 DEIS COMPLETENESS SUBMISSION
- 05/25/2012 DEIS COMPLETENESS SUBMISSION
- 02/25/2014 FEIS SUBMISSION
- 06/27/2014 RESPONDING TO TOWN COMMENTS

No. Date Issue

CONSTRUCTION DETAILS

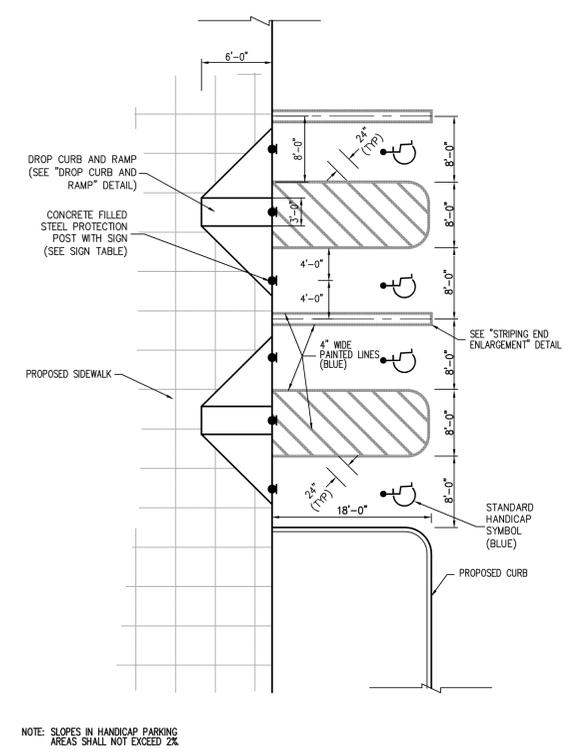
Job No. 5043

Date 05/05/2006

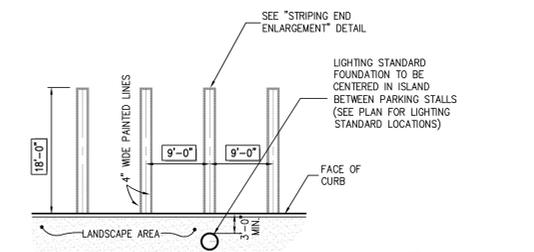
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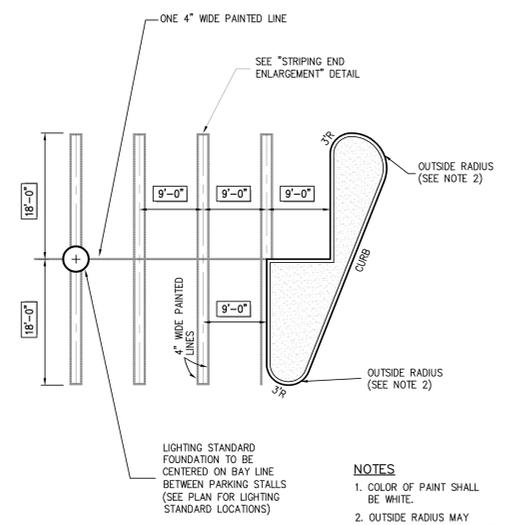
SP-12



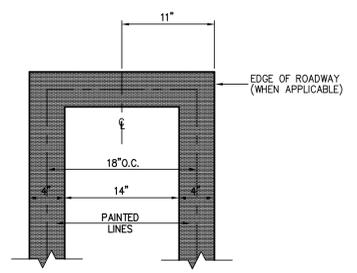
NOTE: SLOPES IN HANDICAP PARKING AREAS SHALL NOT EXCEED 2%



NOTE
 1. COLOR OF PAINT SHALL BE WHITE.



NOTES
 1. COLOR OF PAINT SHALL BE WHITE.
 2. OUTSIDE RADIUS MAY VARY DEPENDING ON SHAPE OF ISLAND. RADIUS SHALL BE AS SHOWN ON LAYOUT PLAN.



STRIPING END ENLARGEMENT

36

90° PARKING
 (DOUBLE STRIPING - CURBED END)

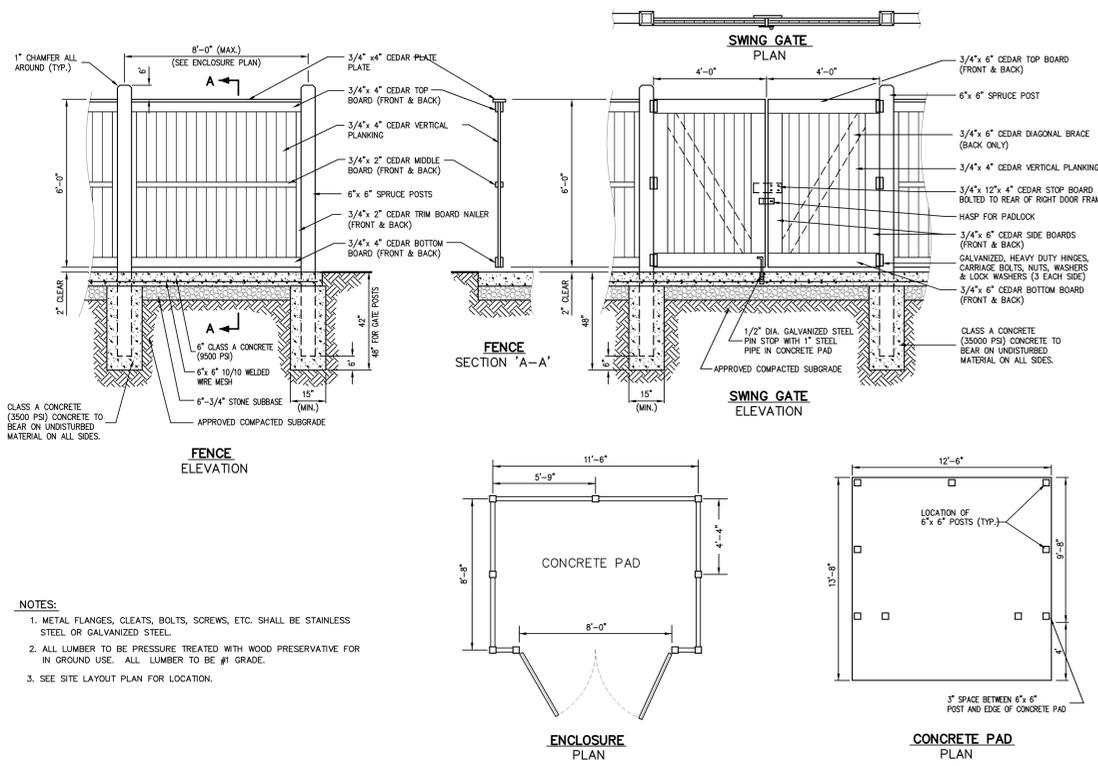
37

90° PARKING
 (DOUBLE STRIPING - CURBED PERIMETER)

38

HANDICAP PARKING

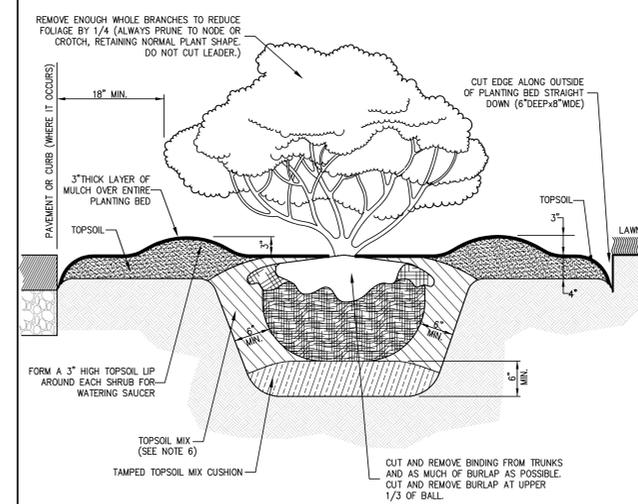
39



NOTES:
 1. METAL FLANGES, CLEATS, BOLTS, SCREWS, ETC. SHALL BE STAINLESS STEEL OR GALVANIZED STEEL.
 2. ALL LUMBER TO BE PRESSURE TREATED WITH WOOD PRESERVATIVE FOR IN GROUND USE. ALL LUMBER TO BE #1 GRADE.
 3. SEE SITE LAYOUT PLAN FOR LOCATION.

TRASH ENCLOSURE WITH CONCRETE PAD
 (WOOD)

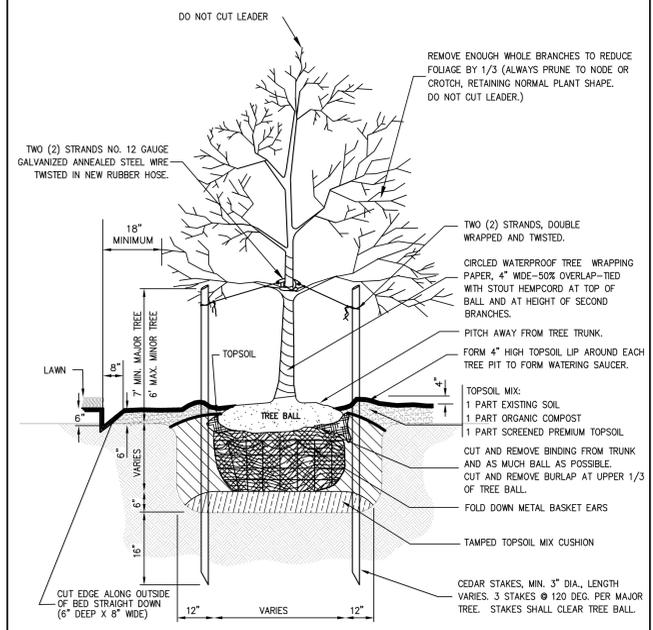
40



NOTES:
 1. ALL PLANTING BEDS SHALL BE FREE OF WEEDS AND GRASS PRIOR TO INSTALLATION OF PLANTS.
 2. PLANTS IN CONTAINERS MUST HAVE THE FIBROUS ROOTS PULLED APART.
 3. AFTER THE SHRUB HAS BEEN PLACED IN THE HOLE, THE TOPSOIL MIX SHALL BE PLACED AROUND THE PLANT 1/3 OF THE WAY UP. A SLOW RELEASE FERTILIZER SHALL THEN BE ADDED TO THE SOIL AROUND THE SHRUB, AND THEN FILL THE REMAINDER OF THE HOLE WITH TOPSOIL MIX. THE TOPSOIL MIX SHALL THEN BE GENTLY COMPACTED.
 4. TOPSOIL SHALL CONSIST OF NATURAL LOAM TOPSOIL, FREE FROM SUBSOIL. TOPSOIL SHALL BE OF UNIFORM QUALITY, FREE FROM HARD CLODS, STIFF CLAY, HARD PAN, SODS, STONES OVER 1 1/2\"/>

SHRUB PLANTING

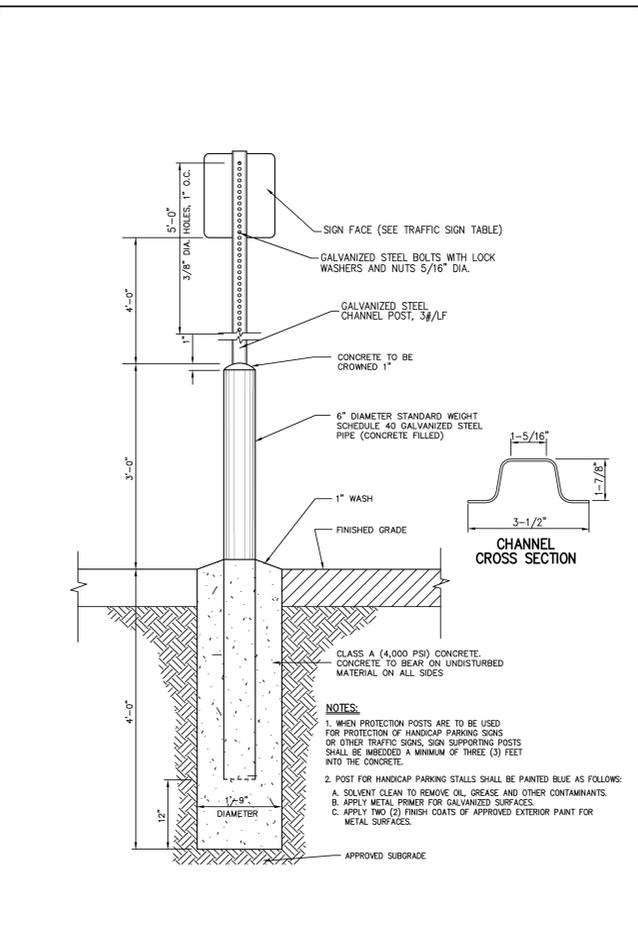
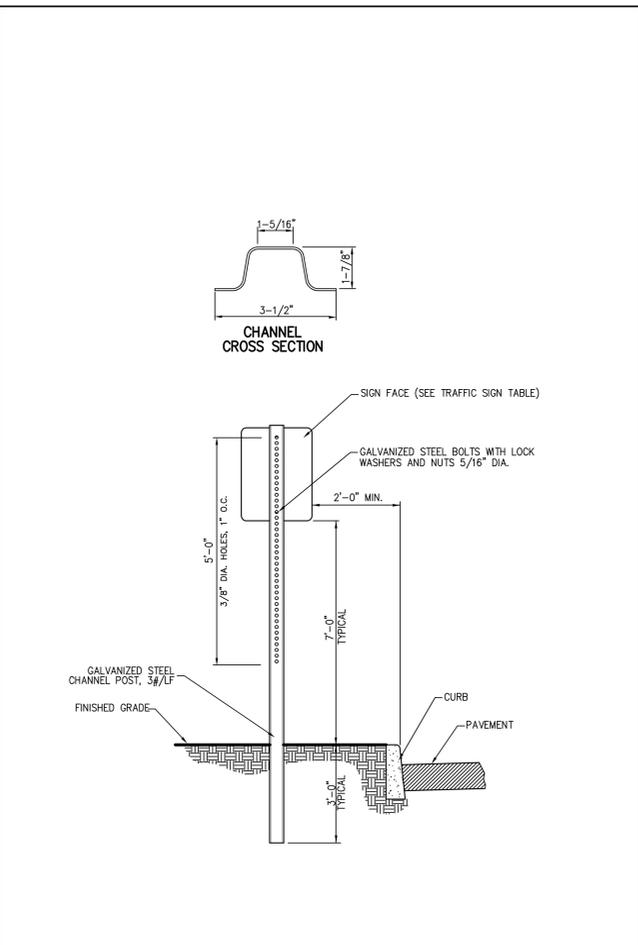
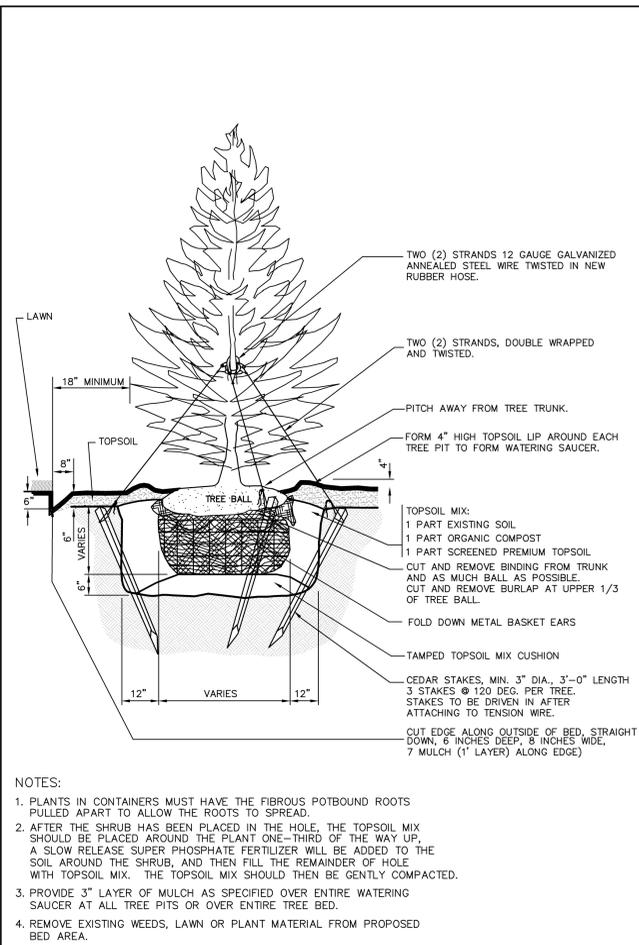
41



NOTES:
 1. PLANTS IN CONTAINERS MUST HAVE THE FIBROUS POTBOUND ROOTS PULLED APART TO ALLOW THE ROOTS TO SPREAD.
 2. AFTER THE SHRUB HAS BEEN PLACED IN THE HOLE, THE TOPSOIL MIX SHOULD BE PLACED AROUND THE PLANT ONE-THIRD OF THE WAY UP. A SLOW RELEASE SUPER PHOSPHATE FERTILIZER WILL BE ADDED TO THE SOIL AROUND THE SHRUB, AND THEN FILL THE REMAINDER OF HOLE WITH TOPSOIL MIX. THE TOPSOIL MIX SHOULD THEN BE GENTLY COMPACTED.
 3. PROVIDE 3\"/>

DECIDUOUS TREE PLANTING

42



EVERGREEN TREE PLANTING

43

TRAFFIC SIGN POST
(STEEL CHANNEL)

44

HANDICAP SIGN IN STEEL PIPE
PROTECTION POST

45

X

X

X

X

X

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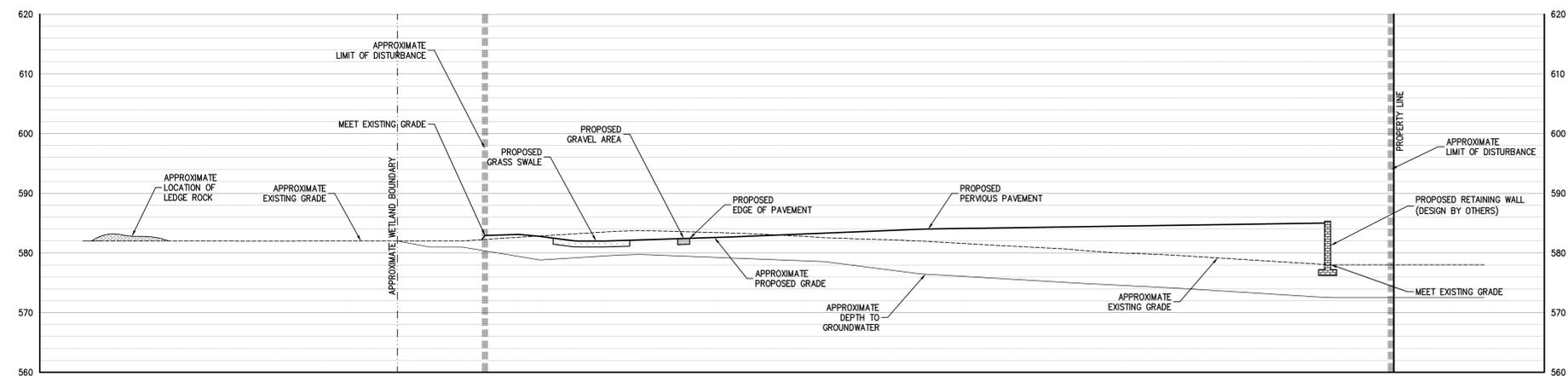
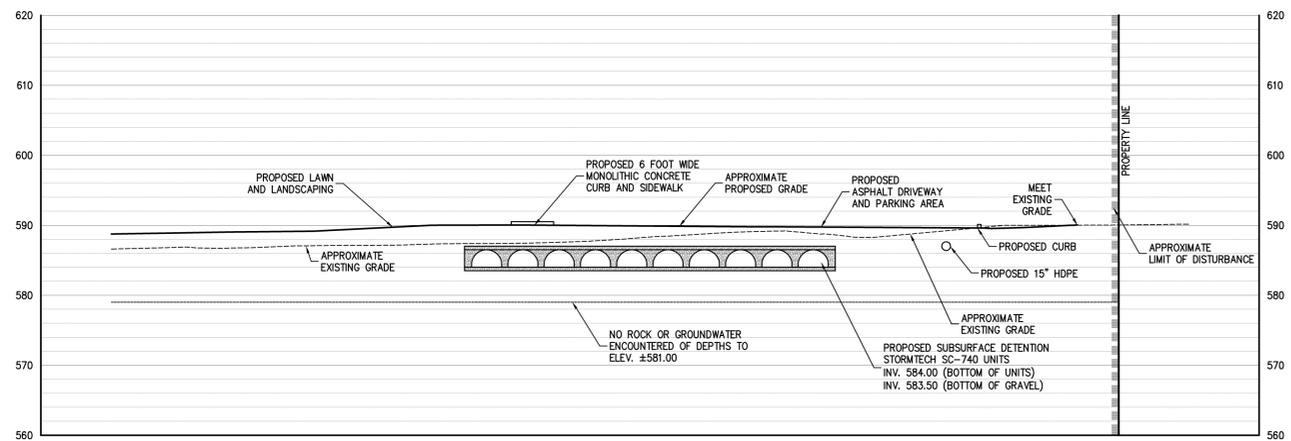
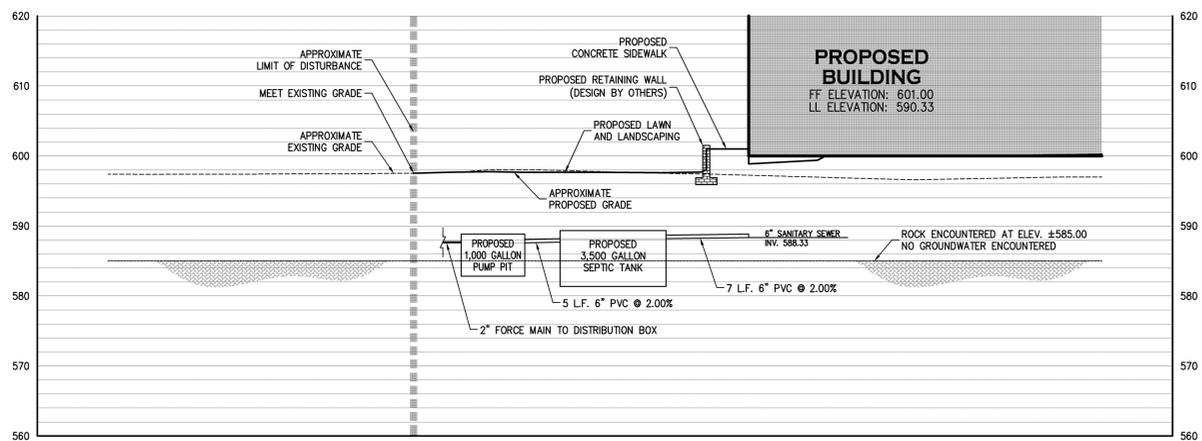
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3.	05/25/2012	DEIS COMPLETENESS SUBMISSION
4.	02/25/2014	FERS SUBMISSION
5.	06/27/2014	RESPONDING TO TOWN COMMENTS

No.	Date	Issue

Sheet Title

**CONSTRUCTION
DETAILS**

Job No.	5043	Sheet No.	SP-14
Date	03/11/2011	Scale	
AS SHOWN			
Drawn/Checked	CS		



NOTES:
1. LOCATION AND DEPTHS TO BEDROCK ARE BASED UPON DEEP HOLE TEST PITS PERFORMED IN THE FIELD BY JOHN MEYER CONSULTING, P.C., ON MAY 28, 2009.

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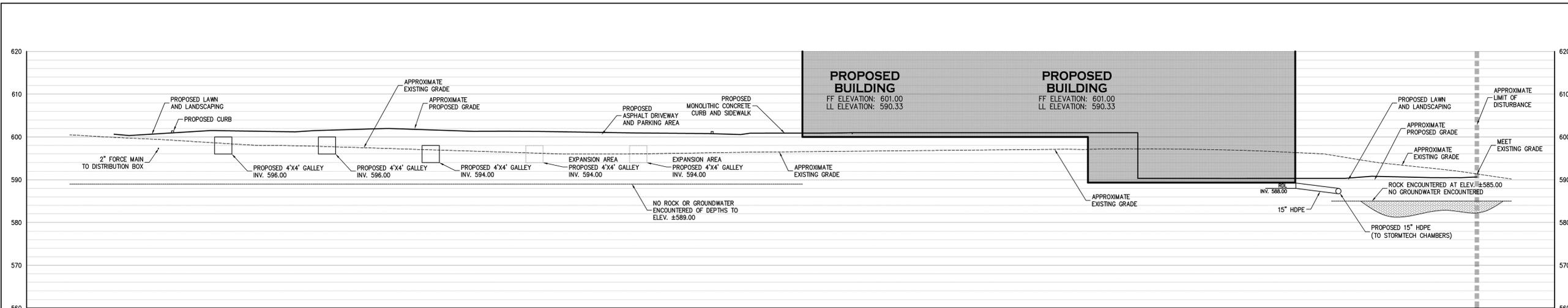
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3.	06/27/2014	RESPONDING TO TOWN COMMENTS

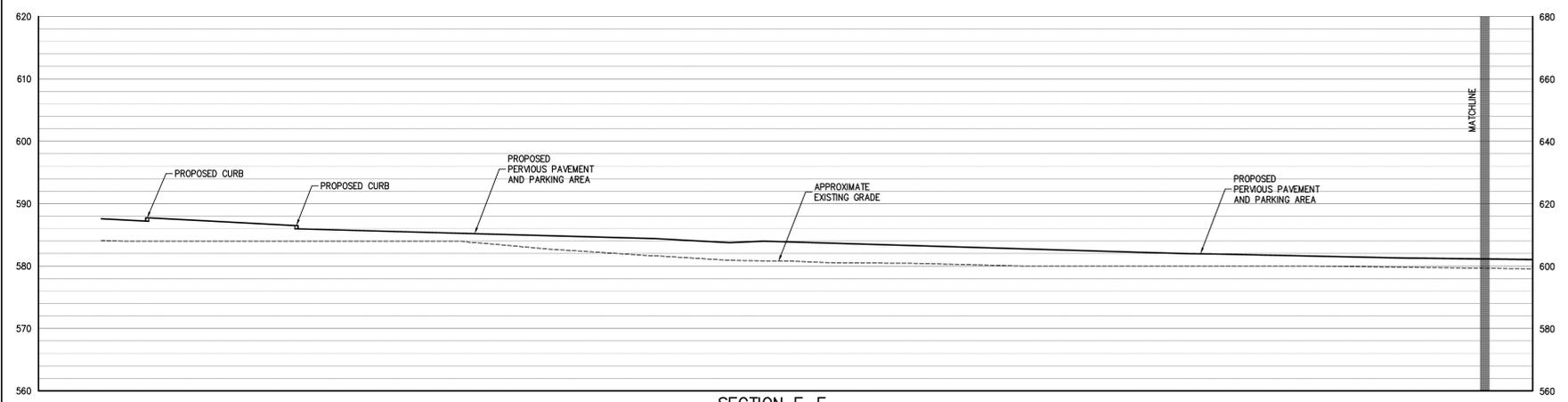
No.	Date	Issue

SITE CROSS SECTIONS

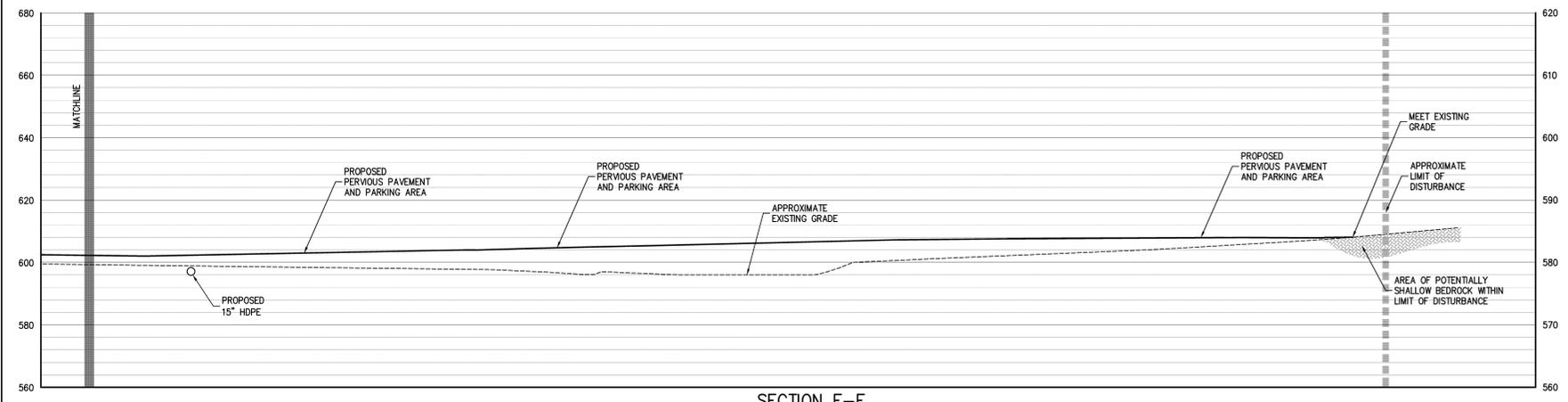
Job No. 5043	Sheet No. SP-15
Date 04/23/2012	Scale AS SHOWN
Drawn/Checked CS	



SECTION D-D
 HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 10'



SECTION E-E
 HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 10'



SECTION E-E
 HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 10'



KEY MAP
 SCALE: 1" = 100'

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No.	Date	Issue
Sheet Title		

SITE CROSS SECTIONS

Job No.	5043	Sheet No.	SP-16
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