

West Medway II Facility

8 Summer Street

MEDWAY, MASSACHUSETTS

(Norfolk County)

Assessor's Map/ Lot: 56-001, 56-002, 56-003, 56-004, 66-012, 66-013
 Zoning District: Agricultural Residential II & Industrial II

OWNER/APPLICANT

Exelon West Medway, LLC and
 Exelon West Medway II, LLC
 300 Exelon Way
 Kennett Square, PA 19348

PROJECT TEAM

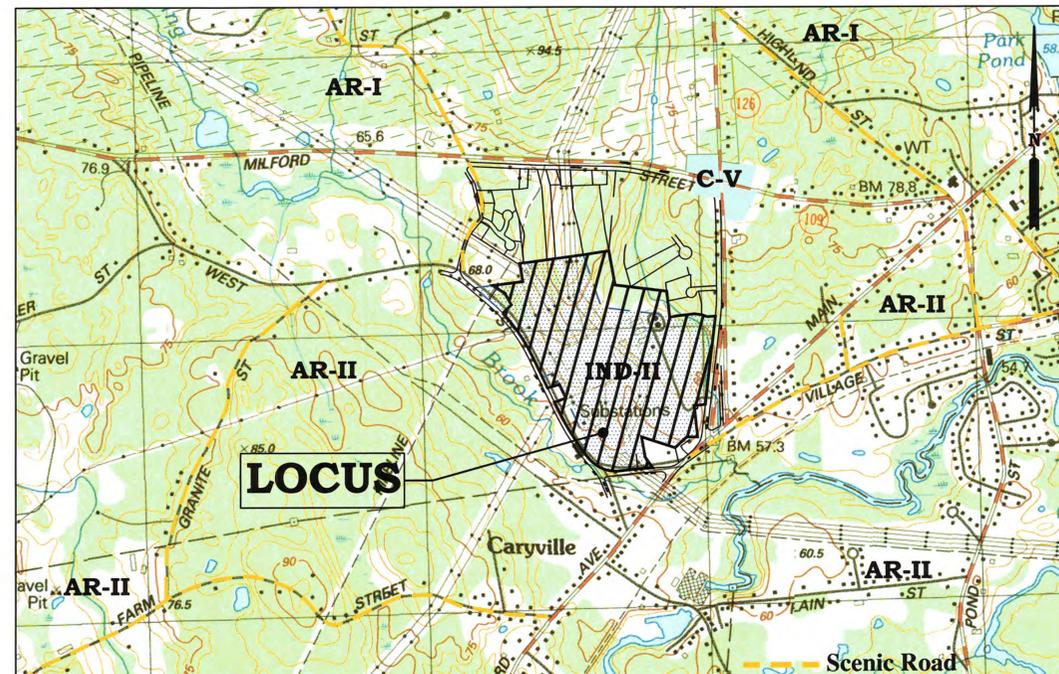
BEALS + THOMAS
 Civil Engineers + Landscape Architects +
 Land Surveyors + Planners +
 Environmental Specialists

Reservoir Corporate Center
 144 Turnpike Road
 Southborough, Massachusetts 01772



695 Atlantic Avenue
 Boston, MA 02111

Epsilon
 ASSOCIATES INC
 3 Clock Tower Place #250
 Maynard, MA 01754



Site Context Plan

Scale: 1" = 1000'

Permit Plan Set - February 09, 2016
 Revised Permit Plan Set - April 21, 2016

Prepared By: Beals + Thomas

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Job No.: 1422.10
 Plan No.: 142210P015B-001
 Sheet 1 of 21

GENERAL NOTES

THE CONTRACTOR SHALL MAKE ALL NECESSARY CONSTRUCTION NOTIFICATIONS AND APPLY FOR AND OBTAIN ALL NECESSARY CONSTRUCTION PERMITS IN ACCORDANCE WITH THE CONTRACT. THE CONTRACTOR SHALL ALSO PAY ALL FEES AND POST ALL BONDS ASSOCIATED WITH THE SAME, AND COORDINATE WITH THE ENGINEER AND ARCHITECT AS REQUIRED IN ACCORDANCE WITH THE CONTRACT.

CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AND ALL CONSTRUCTION MEANS AND METHODS.

LIMIT OF WORK SHALL BE EROSION CONTROL BARRIERS, LIMIT OF GRADING AND SITE PROPERTY LINES AND/OR AS INDICATED ON DRAWINGS.

PORTIONS OF THE ROADWAY, SIDEWALK AND ROADSIDE AREA DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO THEIR CONDITIONS PRIOR TO DISTURBANCE.

CONTRACTOR TO VERIFY UTILITY STUB LOCATIONS AND ELEVATIONS IN THE FIELD PRIOR TO COMMENCING WORK.

ANY ALTERATION TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE RECORDED BY THE CONTRACTOR ON AS-BUILT MARKUPS.

ANY AREA OUTSIDE THE LIMIT OF WORK THAT IS DISTURBED SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO OWNER.

EXISTING TREES AND SHRUBS OUTSIDE THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON PRIOR APPROVAL OF THE OWNER.

FOR DRAWING LEGIBILITY, ALL EXISTING TOPOGRAPHIC FEATURES, EXISTING UTILITIES, PROPERTY BOUNDARIES, EASEMENTS, ETC. MAY NOT BE SHOWN ON ALL DRAWINGS, REFER TO ALL REFERENCED DRAWINGS AND OTHER DRAWINGS IN THIS SET FOR ADDITIONAL INFORMATION.

ALL EXCAVATORS OR CONTRACTORS MUST REFER TO 520 CMR 14.00 TO OBTAIN A TRENCH PERMIT PRIOR TO ANY CONSTRUCTION RELATED TRENCHES ON SITE.

EROSION CONTROL AND SEDIMENTATION NOTES

AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS INDICATED IN THE PLAN PRIOR TO THE COMMENCEMENT OF DEMOLITION OR CONSTRUCTION OPERATIONS.

CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES DURING ENTIRE CONSTRUCTION PERIOD. ANY SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEEPED AT THE END OF EACH WORKING DAY.

ALL STOCKPILE AREAS SHALL BE LOCATED WITHIN LIMIT OF WORK LINE AND STABILIZED TO PREVENT EROSION.

ALL DEBRIS GENERATED DURING SITE PREPARATION ACTIVITIES SHALL BE LEGALLY DISPOSED OF OFF SITE.

PROVIDE CRIBBING AS NECESSARY TO PROTECT EXISTING UTILITY LINES DURING CONSTRUCTION.

SITE ELEMENTS TO REMAIN MUST BE PROTECTED FOR DURATION OF CONSTRUCTION.

ALL TOPSOIL ENCOUNTERED WITHIN WORK AREA SHALL BE STRIPPED TO ITS FULL DEPTH AND STOCKPILED FOR REUSE. EXCESS TOPSOIL SHALL BE DISPOSED OF AS DIRECTED BY OWNER. TOPSOIL PILES SHALL REMAIN SEGREGATED FROM EXCAVATED SUBSURFACE SOIL MATERIALS.

ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.

ALL POINTS OF CONSTRUCTION EGRESS OR INGRESS SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADS.

ALL AREAS IDENTIFIED AS CRITICAL AREA SEEDING SHALL BE STABILIZED DURING CONSTRUCTION BY SEEDING WITH ANNUAL RYE GRASS AT THE RATE OF FORTY (40) LBS/ACRE.

TEMPORARY DIVERSION DITCHES, PERMANENT DITCHES, CHANNELS, EMBANKMENTS AND ANY DENuded SURFACE WHICH WILL BE EXPOSED FOR A PERIOD OF ONE MONTH OR MORE SHALL BE CONSIDERED CRITICAL VEGETATION AREAS. THESE AREAS SHALL BE MULCHED WITH STRAW. MULCH SHALL BE SPREAD UNIFORMLY IN A CONTINUOUS BLANKET OF SUFFICIENT THICKNESS TO COMPLETELY HIDE THE SOIL FROM VIEW.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A DAILY BASIS DURING CONSTRUCTION TO INSURE THAT CHANNELS, DITCHES AND PIPES ARE CLEAR OF DEBRIS AND THAT THE EROSION CONTROL BARRIERS ARE INTACT.

CONTRACTOR SHALL PROVIDE DUST CONTROL FOR CONSTRUCTION OPERATIONS AS APPROVED BY OWNER.

DUST SHALL BE CONTROLLED BY SPRINKLING OR OTHER APPROVED METHODS AS NECESSARY, OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.

STRAW BALE CHECK DAMS SHALL BE PROVIDED AROUND ALL EXISTING DRAIN INLETS PRIOR TO CONSTRUCTION ACTIVITIES AND AROUND ALL PROPOSED DRAIN INLETS PRIOR TO PERMANENT PAVEMENT TO CONTROL SILTATION.

STRAW BALE CHECK DAMS ARE TO BE PROVIDED ON TWO HUNDRED (200) FOOT SPACINGS WITHIN ALL DRAINAGE SWALES AND DITCHES AND AT UPSTREAM SIDES OF ALL DRAINAGE INLETS.

RIP RAP SPLASH PADS SHALL BE INSTALLED AT THE OUTLETS FOR ALL CULVERTS DISCHARGING ADJACENT TO A WATERWAY.

EXTREME CARE SHALL BE EXERCISED SO AS TO PREVENT ANY UNSUITABLE MATERIAL FROM ENTERING THE WETLANDS.

ADDITIONAL STRAW BALES SHALL BE LOCATED AS CONDITIONS WARRANT OR AS DIRECTED BY THE OWNER OR HIS REPRESENTATIVE.

CLEAN AND MAINTAIN EROSION CONTROL BARRIER AS REQUIRED DURING CONSTRUCTION OPERATIONS TO ENSURE ITS CONTINUED FUNCTIONALITY.

LAYOUT AND MATERIALS NOTES

ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE INDICATED.

CONTRACTOR SHALL REPORT SIGNIFICANT CONFLICTS TO THE OWNER AND THE ENGINEER FOR RESOLUTION.

DIMENSIONS OF PARKING SPACES AND DRIVEWAYS ARE FROM FACE OF CURB TO FACE OF CURB.

DIMENSIONS FROM BUILDING ARE FROM FACE OF BUILDING TO FACE OF CURB. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES TO THE ENGINEER. THE CONTRACTOR SHALL STAKE OUT BUILDING FROM THE LATEST ARCHITECTURAL DRAWINGS.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN SITE PLAN DIMENSIONS AND BUILDING PLANS BEFORE PROCEEDING WITH ANY PORTION OF SITE WORK WHICH MAY BE AFFECTED SO THAT PROPER ADJUSTMENTS TO THE SITE LAYOUT CAN BE MADE IF NECESSARY.

SEE ARCHITECTURAL DRAWINGS FOR EXACT BUILDING DIMENSIONS AND ALL DETAIL CONTIGUOUS TO THE BUILDING, LIGHTING, ENTRANCE PATIO, DOORWAY PADS, LOADING DOCK DETAILS, ETC.

ACCESSIBLE RAMPS AS REQUIRED PER CODE SHALL BE PER MASSACHUSETTS STATE CODE AND THE AMERICANS WITH DISABILITIES ACT (ADA) ACCESSIBILITY GUIDELINES (WHICHEVER IS MORE STRINGENT).

EACH HANDICAP PARKING SPACE SHALL BE IDENTIFIED BY A SIGN SIX (6) FEET IN HEIGHT LOCATED AT THE FACE OF THE CURBLINE. THE SIGN SHALL CONTAIN THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AS DESCRIBED IN THE AMERICANS WITH DISABILITIES ACT, PUBLIC LAW 101-336, (SEE DETAIL).

PROTECT EXISTING PROPERTY MONUMENTS AND ABUTTING PROPERTIES DURING CONSTRUCTION ACTIVITIES.

GRADING, DRAINAGE AND UTILITY NOTES

UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES, ARE APPROXIMATE AND ASSUMED. BEFORE COMMENCING SITE WORK IN ANY AREA, CONTRACTOR TO VERIFY AT 1-888-344-7233 TO ACCURATELY LOCATE UNDERGROUND UTILITIES. ANY DAMAGE TO EXISTING UTILITIES OR STRUCTURES SHALL BE THE CONTRACTOR'S RESPONSIBILITY. NO EXCAVATION SHALL BE DONE UNTIL UTILITY COMPANIES ARE PROPERLY NOTIFIED IN ADVANCE.

ALL SITE WORK SHALL MEET OR EXCEED THE SITE WORK SPECIFICATIONS PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS DO NOT CONFLICT WITH ANY KNOWN EXISTING OR OTHER PROPOSED IMPROVEMENTS. IF ANY CONFLICTS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER PRIOR TO INSTALLATION OF ANY PORTION OF THE SITE WORK WHICH WOULD BE AFFECTED.

ALL WORK PERFORMED AND ALL MATERIALS FURNISHED SHALL CONFORM WITH THE LINES, GRADES AND OTHER SPECIFIC REQUIREMENTS OR SPECIFICATIONS OF THE TOWN OF MEDWAY DPW.

AT ALL LOCATIONS WHERE EXISTING CURBING OR PAVEMENT ABUTS NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO A CLEAN, SMOOTH EDGE. BLEND NEW PAVEMENT, CURBS AND EARTHWORK SMOOTHLY INTO EXISTING BY MATCHING LINES, GRADES AND JOINTS. PITCH EVENLY BETWEEN SPOT GRADES. GRADE ALL AREAS TO DRAIN.

THE CONTRACTOR SHALL VERIFY EXISTING GRADES IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER. THE CONTRACTOR, AND OWNER PER CONTRACT, SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES, AS REQUIRED. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE OWNER AND ENGINEER FOR RESOLUTION.

ALL UTILITY COVERS, GRATES, ETC. SHALL BE ADJUSTED TO BE FLUSH WITH THE PAVEMENT FINISH GRADE UNLESS OTHERWISE NOTED. RIM ELEVATIONS OF DRAINAGE STRUCTURES AND SANITARY SEWER MANHOLES ARE APPROXIMATE.

INSTALL ALL UTILITIES (INCLUDING CONCRETE PADS) PER UTILITY COMPANY AND DPW STANDARDS.

AN EROSION CONTROL BARRIER SHALL BE INSTALLED ALONG THE EDGE OF PROPOSED DEVELOPMENT AS SHOWN ON THE PLAN PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OPERATIONS.

ALL DRAINAGE PIPES SHALL BE SMOOTH WALLED CORRUGATED POLYETHYLENE PIPE (ADS N-12 OR APPROVED EQUAL) EXCEPT WHERE NOTED OTHERWISE.

ALL SANITARY PIPE SHALL BE SDR-35 PVC UNLESS OTHERWISE NOTED.

INSULATE SANITARY PIPES WHERE DEPTH OF EARTH COVER IS LESS THAN FOUR (4) FEET BELOW FINISHED GRADE.

CONTRACTOR SHALL PROTECT ALL UNDERGROUND DRAINAGE, SEWER AND UTILITY FACILITIES FROM EXCESSIVE VEHICULAR LOADS DURING CONSTRUCTION. ANY DAMAGE TO THESE FACILITIES RESULTING FROM CONSTRUCTION LOADS WILL BE RESTORED TO ORIGINAL CONDITION.

ALL WATER WORKS SHALL CONFORM TO TOWN OF MEDWAY DPW, WATER DIVISION SPECIFICATIONS, DETAILS, RULES AND REGULATIONS AND HAVE FIVE (5) FEET OF MINIMUM COVER. GAS, ELECTRIC, TELEPHONE AND FIRE ALARM CONNECTION LOCATIONS AND ROUTING ARE SUBJECT TO REVIEW AND APPROVAL BY APPROPRIATE UTILITY COMPANIES AND FIRE DEPARTMENT.

ABANDON EXISTING UTILITY SERVICES ON SITE ACCORDING TO UTILITY COMPANY AND TOWN OF MEDWAY REQUIREMENTS. UNLESS OTHERWISE INDICATED, ABANDONED EXISTING UTILITY LINES SHALL BE CAPPED AND ABANDONED IN PLACE UNLESS THEY CONFLICT WITH PROPOSED IMPROVEMENTS. CAP REMAINING PORTIONS WHERE PARTIALLY REMOVED.

THE CONTRACTOR SHALL REMOVE ALL EROSION CONTROL BARRIERS AFTER REVEGETATION OF DISTURBED AREAS AND AFTER APPROVAL OF THE CONSERVATION COMMISSION AND WETLAND SPECIALIST.

ALL WATER UTILITY IMPROVEMENTS SHALL COMPLY WITH THE AMERICAN WATERWORKS ASSOCIATION STANDARDS AND THE TOWN OF MEDWAY WATER DEPARTMENT SPECIFICATIONS.

RIP RAP APRONS SHALL BE INSTALLED AT THE OUTLETS FOR ALL CULVERTS.

EXCEPT AS DEFINED IN THE NOTICE OF INTENT APPLICATION, WETLANDS ARE TO REMAIN UNDISTURBED. NO ENCROACHMENT PERMITTED.

EXCAVATION REQUIRED WITHIN THE PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO THE OWNER.

STOCKPILED TOPSOIL SHALL BE PLACED NEATLY IN AN AREA INDICATED BY THE OWNER AND IN ACCORDANCE WITH THE LAYDOWN AND PARKING AREAS PER THE CONTRACT.

PITCH EVENLY BETWEEN SPOT GRADES. ALL PAVED AREAS MUST PITCH TO DRAIN AT A MINIMUM OF 1/8" PER FOOT UNLESS SPECIFIED. ANY DISCREPANCIES NOT ALLOWING THIS MINIMUM PITCH SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WORK.

THE CONTRACTOR SHALL SCHEDULE HIS WORK TO ALLOW THE FINISHED SUBGRADE ELEVATIONS TO DRAIN PROPERLY WITHOUT PUDDING. SPECIFICALLY, ALLOW WATER TO ESCAPE WHERE PROPOSED CURB MAY RETAIN RUNOFF PRIOR TO APPLICATION OF THE FINISH SUBGRADE AND/OR SURFACE PAVING. PROVIDE TEMPORARY POSITIVE DRAINAGE AS REQUIRED.

FOR PLANTING NOTES, PLANTING SCHEDULE AND LIGHTING SCHEDULE, SEE SHEET C7.2.

REQUESTED WAIVERS

1. SITE PLAN SCALE - SECTION 204-4(B) - THE SITE PLAN SHALL BE DRAWN AT A SCALE OF ONE (1) INCH EQUALS FORTY (40) FEET OR SUCH OTHER SCALE THAT HAS BEEN APPROVED IN ADVANCE BY THE PLANNING BOARD AND THAT CLEARLY AND ADEQUATELY REPRESENTS THE PROPOSED IMPROVEMENTS.

THE PROPOSED FACILITY WILL BE LOCATED ON APPROXIMATELY 13 ACRES OF A 94-ACRE PROPERTY. THE APPLICANT PROPOSES A SCALE OF 1" = 60' IN ORDER TO FIT THE ENTIRE DEVELOPMENT ONTO ONE PLAN SHEET.

2. TREE REPLACEMENT - SECTION 205-9(F) - THE TOTAL DIAMETER OF ALL TREES OVER TEN (10) INCHES IN DIAMETER THAT ARE REMOVED FROM THE SITE SHALL BE REPLACED WITH TREES THAT EQUAL THE TOTAL BREAST HEIGHT DIAMETER OF THE REMOVED TREES. THE REPLACEMENT TREES MAY BE PLACED ON OR OFF SITE AS RECOMMENDED BY THE PLANNING BOARD.

THE MAJORITY OF TREES WITH A 10 INCH OR GREATER DBH ARE LOCATED WITHIN THE HEDGEROWS WHICH RUN EAST-WEST AND NORTH-SOUTH ACROSS THE PROPERTY'S OPEN FIELDS. THE MAJORITY OF THESE HEDGEROWS ARE COMPOSED OF DECIDUOUS TREES AND DO NOT PROVIDE FOUR-SEASON SCREENING. THE APPLICANT PROPOSES A ROBUST PLANTING PLAN WITH LESS THAN 1:1 REPLACEMENT OF TREE DIAMETER LOSS.

LEGEND AND ABBREVIATIONS

EXISTING	PROPOSED	EXISTING	PROPOSED
			100' BUFFER ZONE
			MINOR CONTOUR
			MAJOR CONTOUR
			SPOT ELEVATION
			EDGE OF WATER
			AREA DRAIN
			BITUMINOUS CONCRETE
			BENCHMARK
			CAPE COD BERM
			CABLE TELEVISION
			CLDI
			CONC
			CMP
			CPE
			D
			DCB
			DI
			EM
			EOP
			GM
			HW
			LD
			OCS
			POB
			PVC
			RCP
			RD
			ROW
			SSC
			TRANSF
			WQI
			WW
			DH
			IP
			IR
			FND
			EPLP
			LCD
			MHB
			SB
			CB

PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**
300 Exelon Way
Kennett Square, PA 19348

LOCUS MAP
NOT TO SCALE

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ISSUE DATE	DESCRIPTION
1 04/21/2016	FOR DATE ONLY
0 02/09/2016	FIRST ISSUE

DES	DWN	CHK'D	APP'D

PROJECT:
**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: AS NOTED DATE: FEBRUARY 09, 2016

**NOTES, REFERENCES
AND LEGEND**

B+T JOB NO. 1422.10
B+T PLAN NO. 142210P015B-002
C11

ZONING TABLE				
ZONING CLASSIFICATION	Agricultural Residential II & Industrial II			
ASSESSORS MAP#, BLOCK# AND LOT#	MAP 56, LOTS 001, 002, 003 & 004 MAP 66, LOTS 012 & 013			
USE	*REQUIRED	EXISTING	CHANGE	TOTAL
POWER PLANT			No Change	POWER PLANT
LOT AREA	20,000 SF	4,096,923± SF (94.05± AC)	No Change	4,096,923± SF (94.05± AC)
CONTINUOUS FRONTAGE	NA	1,050'± SUMMER STREET 1,583'± & 1,037'± WEST STREET	No Change	1,050'± SUMMER STREET 1,583'± & 1,037'± WEST STREET
LOT WIDTH	100'	>1,000'±	No Change	>1,000'±
FRONT YARD SETBACK (ft)	30'	32'±	No Change	32'±
SIDE YARD SETBACK (ft)	20'	169'±	No Change	169'±
REAR YARD SETBACK (ft)	30'	N/A	No Change	N/A
MAXIMUM BUILDING HEIGHT (ft)	40'	65'± (Stack) 40'± (Tank) 40'± (Building)	160'± (Stack) 40'± (Tank) 40'± (Building) 55'± (Sound Wall)	160'± (Stack) 40'± (Tank) 40'± (Building) 55'± (Sound Wall)
LOT COVERAGE	40%	0.7% (0.66± Ac)	0.5% (0.45± Ac)	1.2% (1.11± Ac)
GROSS FLOOR AREA (sf)		20,000±	23,947	43,947±
NUMBER OF EMPLOYEES		12	6	18
PARKING SPACES		35	+17	52

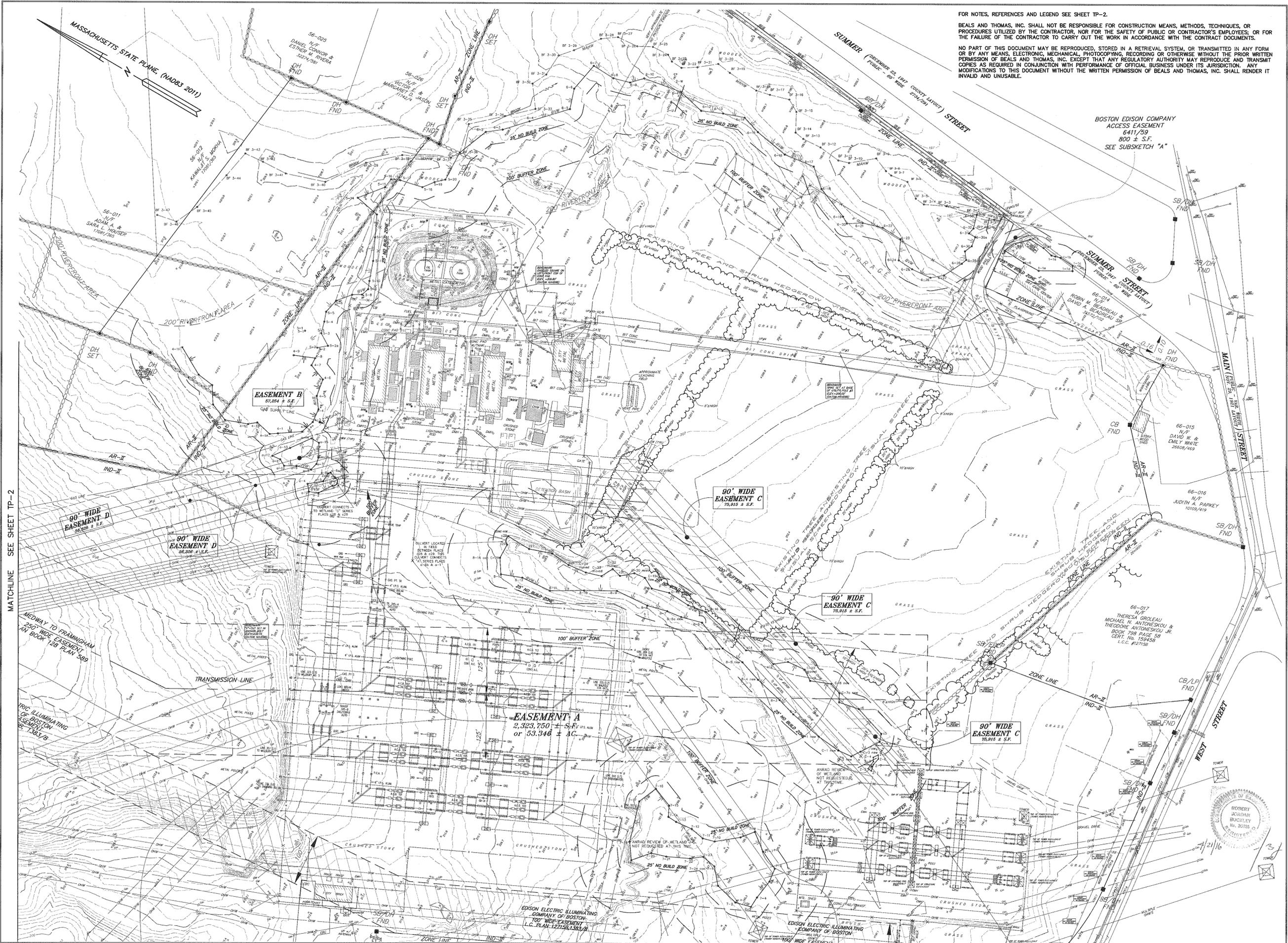
*REQUIRED BASED UPON INDUSTRIAL II REQUIREMENTS SINCE THE PROPOSED DEVELOPMENT IS SITED ENTIRELY WITHIN THIS DISTRICT

ROBERT JORDAN BUCKLEY
No. 30326
1/21/16

ERIC J. LAS
No. 46522
1/21/2016

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FOR NOTES, REFERENCES AND LEGEND SEE SHEET TP-2.

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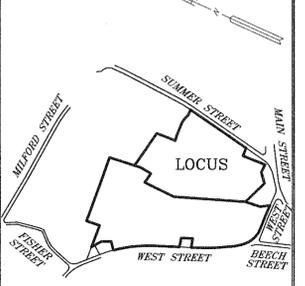
BOSTON EDISON COMPANY
ACCESS EASEMENT
6411759
800 ± S.F.
SEE SUBSKETCH "A"

PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**

300 Exelon Way
Kennett Square, PA 19348

LOCUS MAP
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5			
4			
3			
2			
1	04/21/2016 GENERAL REVISIONS		
0	02/09/2016 FIRST ISSUE		
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DES	DWN	CHK'D	APP'D

PROJECT:
**WEST MEDWAY II
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MEDWAY, MASSACHUSETTS

SCALE: 1" = 80' DATE: FEBRUARY 09, 2016

METERS
0 10 25 50
FEET
0 40 80 160 240

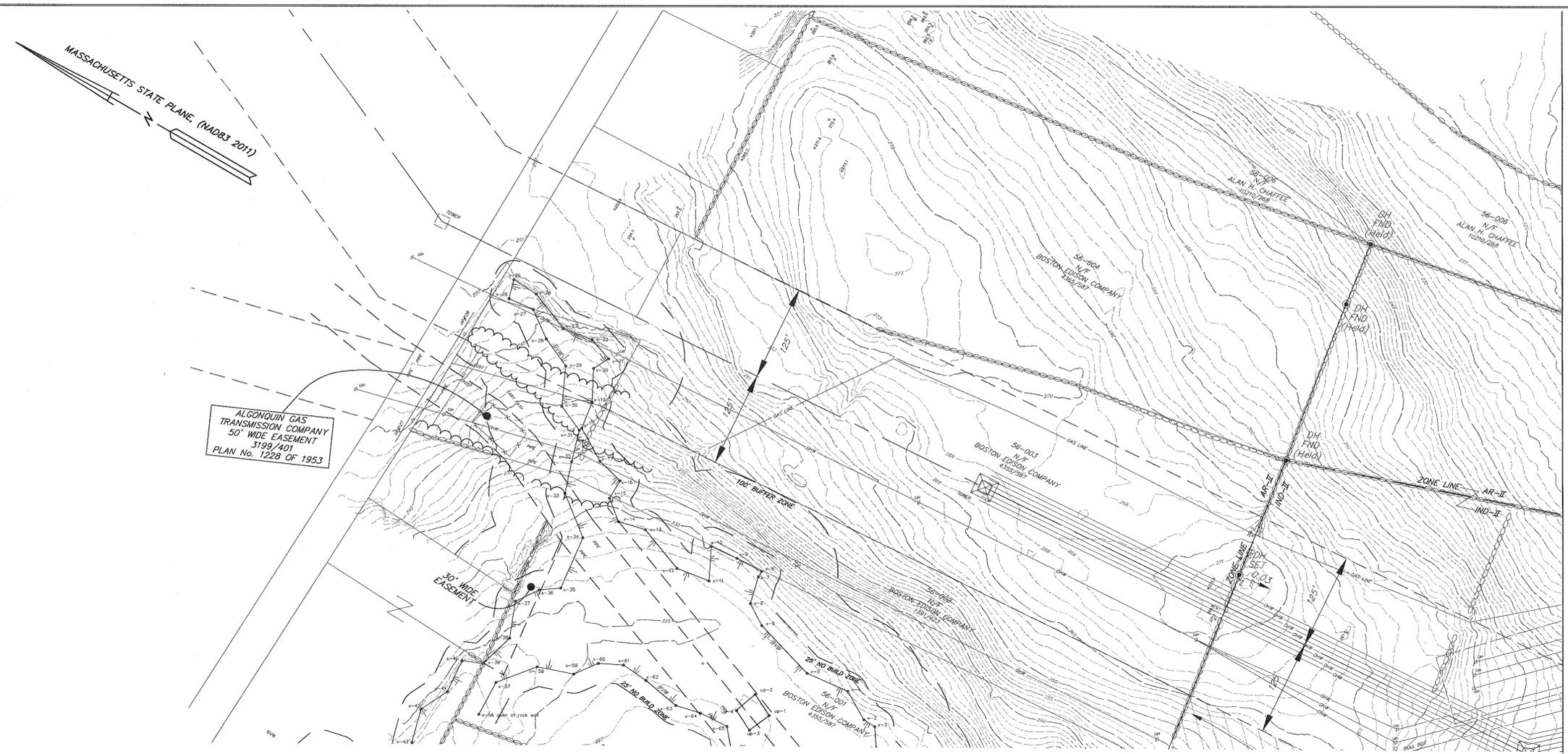
TOPOGRAPHIC PLAN

B+T JOB NO. 1422.10

B+T PLAN NO.
142210P016B-001

TP-1

MATCHLINE SEE SHEET TP-2

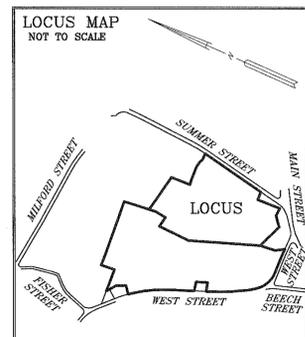


MATCHLINE SEE SHEET TP-1

PREPARED FOR:

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Medway, LLC and
Exelon West
Medway II, LLC**

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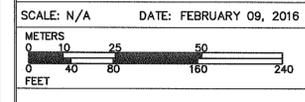
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TP-2

LEGEND

<ul style="list-style-type: none"> S — SMH D — DMH CB □ CB FE/INV ▽ G — GG W — WG WVD PIV T — TMH E — EMH OWW LP UP GW S P B MW CF PHF CC GC BCB T WF o10 WF c9 BF 	<ul style="list-style-type: none"> SEWER LINE/MANHOLE DRAIN LINE/MANHOLE CATCH BASIN FLARED END/INVERT GAS LINE/GATE WATER LINE/GATE HYDRANT POST INDICATOR VALVE TELEPHONE LINE/MANHOLE ELECTRIC LINE/MANHOLE OVERHEAD WIRE LIGHT POLE UTILITY POLE GUY WIRE SIGN POST BOLLARD POST MONITORING WELL CHAIN LINK FENCE POST AND RAIL FENCE CONCRETE CURB GRANITE CURB BITUMINOUS CONCRETE BERM TREE TREE LINE STONE WALL BUILDING BOUNDARY OF BORDERING VEGETATED WETLAND PROVIDED BY EPSILON ASSOCIATES JUNE, 2014. BOUNDARY OF ISOLATED VEGETATED WETLAND PROVIDED BY EPSILON ASSOCIATES JUNE, 2014. TOP OF INLAND BANK/MEAN ANNUAL HIGH WATER FLAG PROVIDED BY EPSILON ASSOCIATES JUNE, 2014. 	<ul style="list-style-type: none"> 100' BUFFER ZONE 200' RIVERFRONT AREA MINOR CONTOUR MAJOR CONTOUR SPOT ELEVATION EDGE OF WATER LIMIT OF 2014 SURVEY LIMIT OF 2015 SURVEY AIR CONDITIONING UNIT BITUMINOUS CONCRETE BENCHMARK CONCRETE CORRUGATED METAL PIPE CRUSHED STONE CORRUGATED POLYETHYLENE DOOR DOUBLE CATCH BASIN DROP INLET ELECTRIC METER EDGE OF PAVEMENT GAS METER HEAD WALL RECORD DIMENSION REINFORCED CONCRETE PIPE SURVEY DIMENSION STACK ELECTRIC TRANSFORMER 	<ul style="list-style-type: none"> AC BIT CONC BM CONC CMP CS CPE D DGB DI EM EOP GM HW RCP ST TRANSF
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NOTES

- 1) THIS PLAN WAS PREPARED FROM AN ACTUAL SURVEY MADE ON THE GROUND USING A ZEISS ELTA TOTAL STATION ON OR BETWEEN SEPTEMBER 1998 AND DECEMBER 16, 2015.
- 2) AERIAL TOPOGRAPHY BY COL-EAST, INC.
- 3) ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- 4) NAD83 HORIZONTAL COORDINATE SYSTEM ESTABLISHED BY GPS-OPUS METHODS.
- 5) ZONING CLASSIFICATION
 - AGRICULTURAL-RESIDENTIAL DISTRICT II (AR-II)
 - INDUSTRIAL DISTRICT (IND-II)
- 6) WETLANDS SHOWN PROVIDED BY EPSILON ASSOCIATES, INC., DELINEATED MAY, JUNE AND OCTOBER 2014, REVISED AUGUST AND OCTOBER, 2015. NOT ALL WETLANDS HAVE BEEN CONFIRMED BY THE MEDWAY CONSERVATION COMMISSION.
- 7) THE PARCEL SHOWN IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AS SHOWN ON "FLOOD INSURANCE RATE MAP NORFOLK COUNTY, MASSACHUSETTS (ALL JURISDICTIONS)" PANEL 139 OF 430, MAP NUMBER 25021C0139E EFFECTIVE DATE JULY 17, 2012.
- 8) RECORD UTILITIES SHOWN TAKEN FROM PLANS ENTITLED: "MAIN STREET AND WEST STREET WATER MAIN AND STORMWATER IMPROVEMENTS DATED FEBRUARY 2013 PREPARED BY WESTON AND SAMPSON" AND "MAIN STREET AND WEST STREET MEDWAY INDUSTRIAL PARK SEWER EXTENSION DATED MAY 12, 2008, LAST REVISED FEBRUARY 15, 2008 AND PREPARED BY TATA & HOWARD INCORPORATED."

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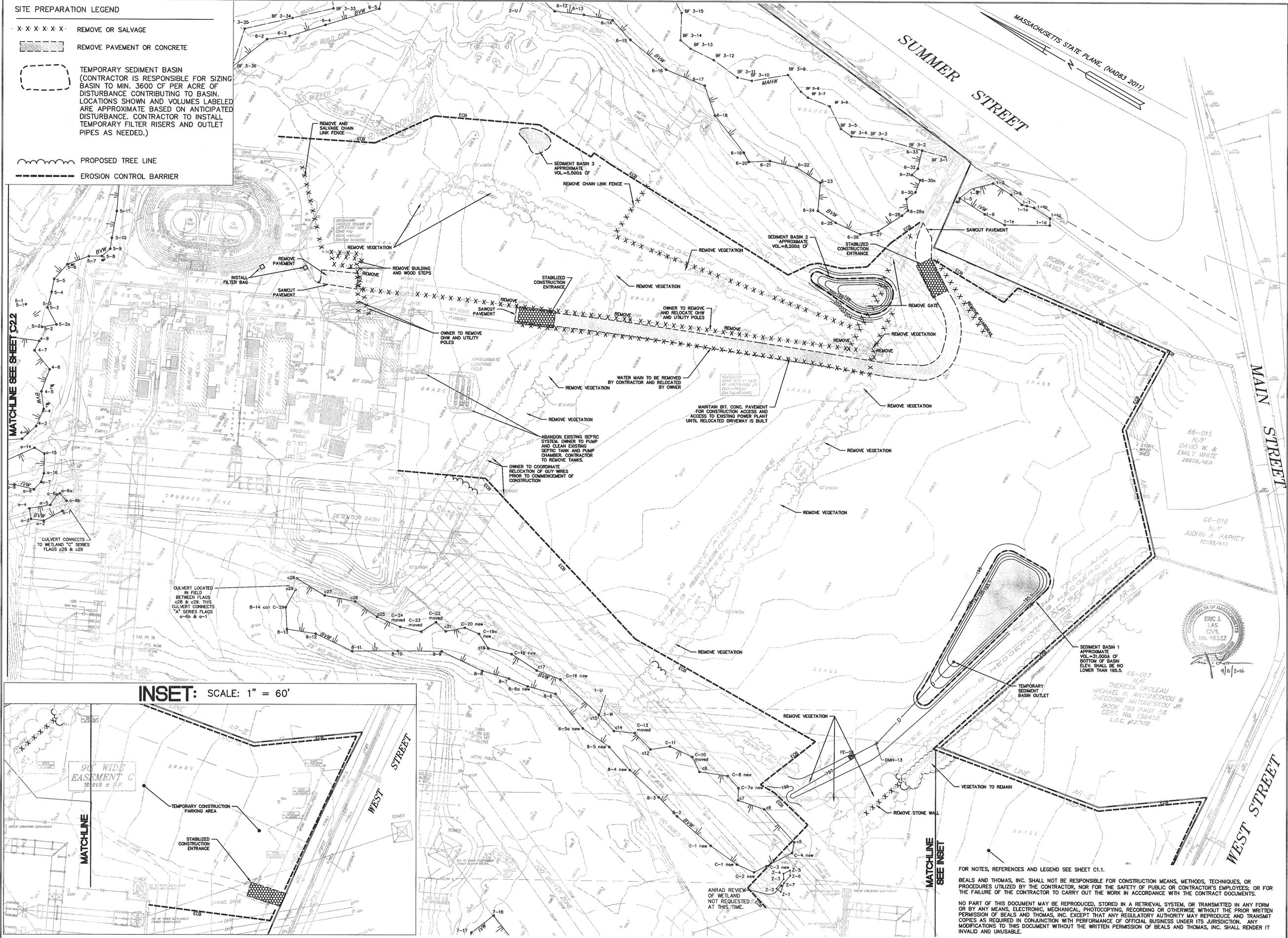
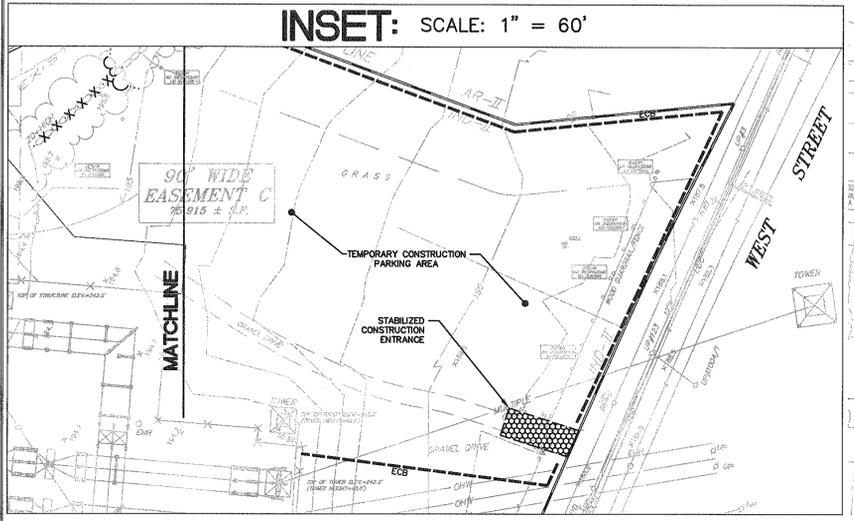
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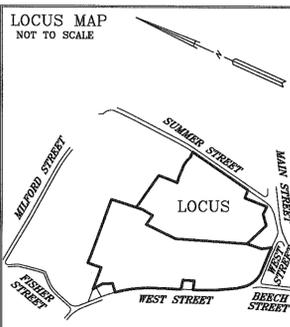
SITE PREPARATION LEGEND

- X X X X X X X REMOVE OR SALVAGE
- REMOVE PAVEMENT OR CONCRETE
- TEMPORARY SEDIMENT BASIN
(CONTRACTOR IS RESPONSIBLE FOR SIZING BASIN TO MIN. 3600 CF PER ACRE OF DISTURBANCE CONTRIBUTING TO BASIN. LOCATIONS SHOWN AND VOLUMES LABELED ARE APPROXIMATE BASED ON ANTICIPATED DISTURBANCE. CONTRACTOR TO INSTALL TEMPORARY FILTER RISERS AND OUTLET PIPES AS NEEDED.)
- PROPOSED TREE LINE
- EROSION CONTROL BARRIER

MATCHLINE SEE SHEET C22



PREPARED FOR:
Exelon West Medway, LLC and Exelon West Medway II, LLC
300 Exelon Way
Kennett Square, PA 19348



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PROJECT:
WEST MEDWAY II FACILITY
MEDWAY, MASSACHUSETTS

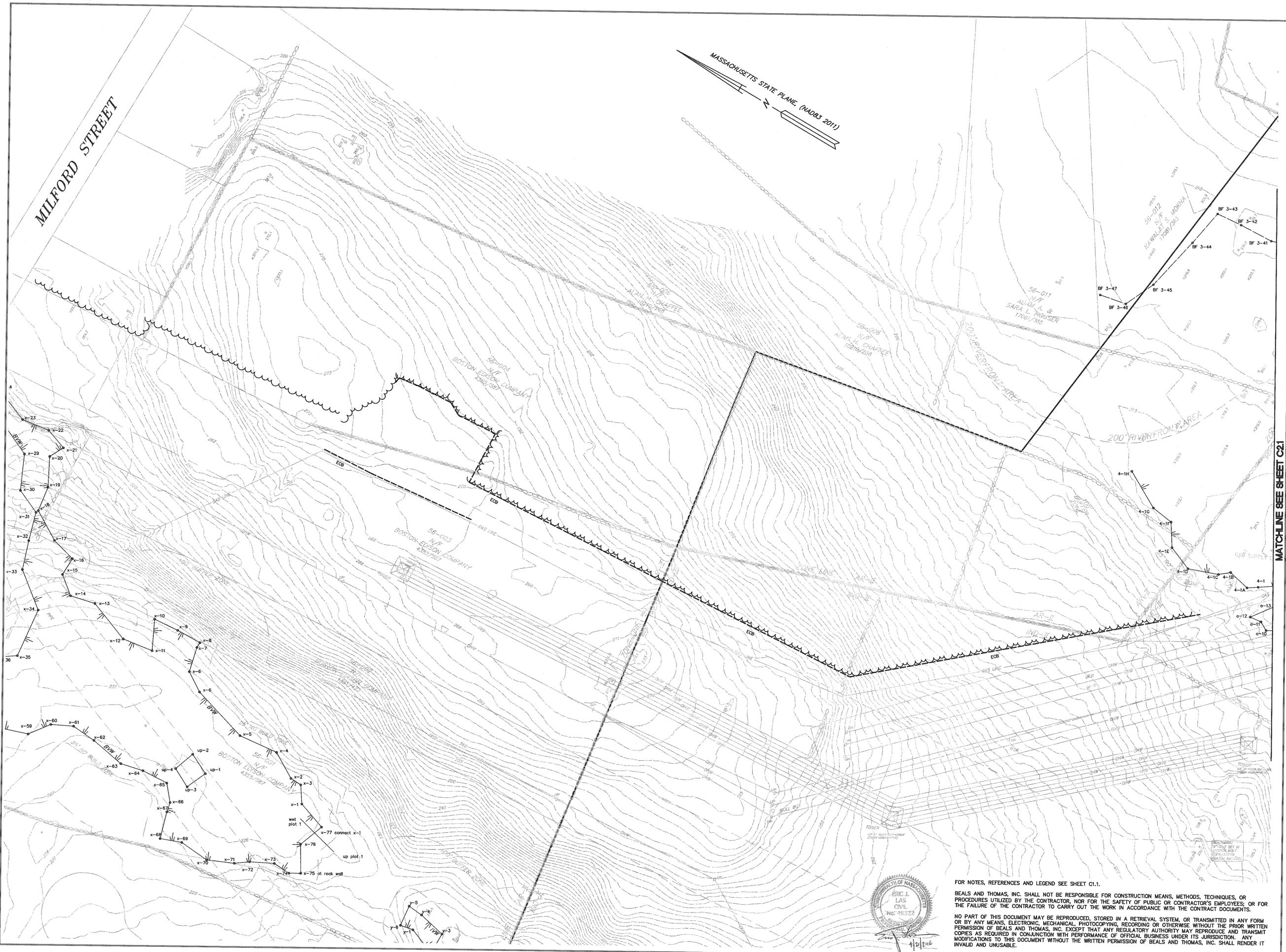
SCALE: 1" = 60' DATE: FEBRUARY 09, 2016

SITE PREPARATION AND EROSION CONTROL PLAN

B+T JOB NO. 1422.10
B+T PLAN NO. 142210P017B-001
C2.1

FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1.
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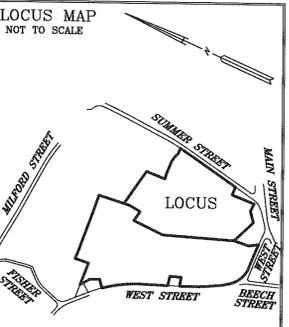




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PROJECT:

**WEST MEDWAY II
FACILITY**

MEDWAY, MASSACHUSETTS

SCALE: 1" = 60' DATE: FEBRUARY 09, 2016

METERS
0 10 25 50
FEET
0 30 60 120 180

**SITE PREPARATION
AND EROSION
CONTROL PLAN**

B+T JOB NO. 1422-10

B+T PLAN NO. 142210P017B-006

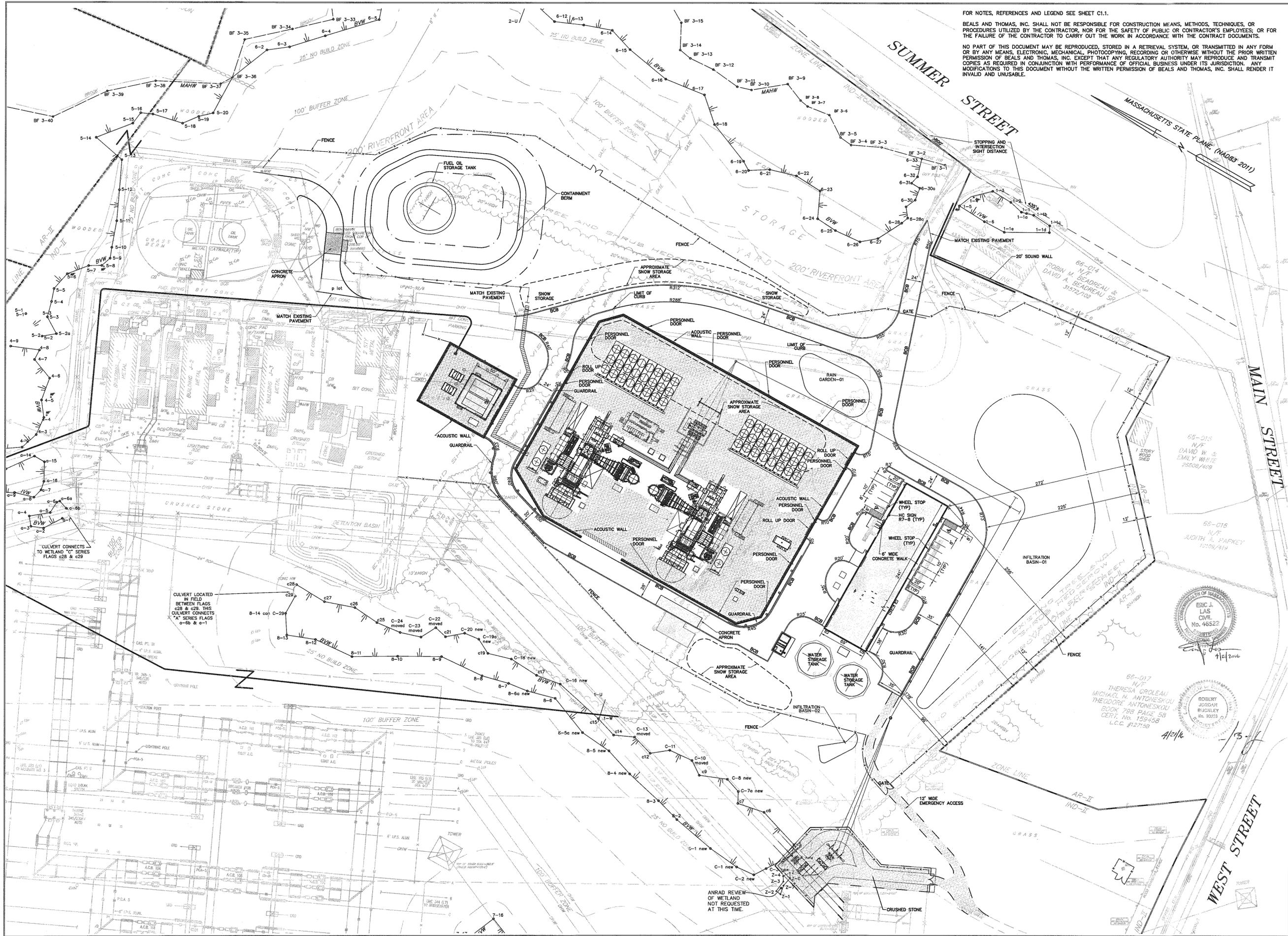
C2.2

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MATCHLINE SEE SHEET C21



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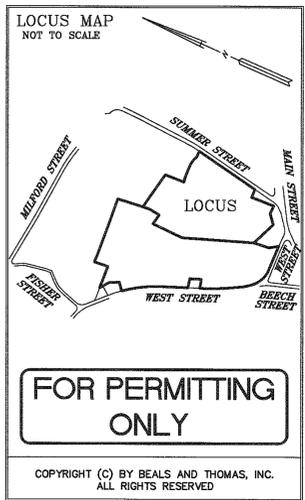
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Medway, LLC and
Exelon West
Medway II, LLC**

300 Exelon Way
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PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: 1" = 60' DATE: FEBRUARY 09, 2016

**LAYOUT AND
MATERIALS PLAN**

B+T JOB NO. 1422.10

B+T PLAN NO. 142210P017B-002

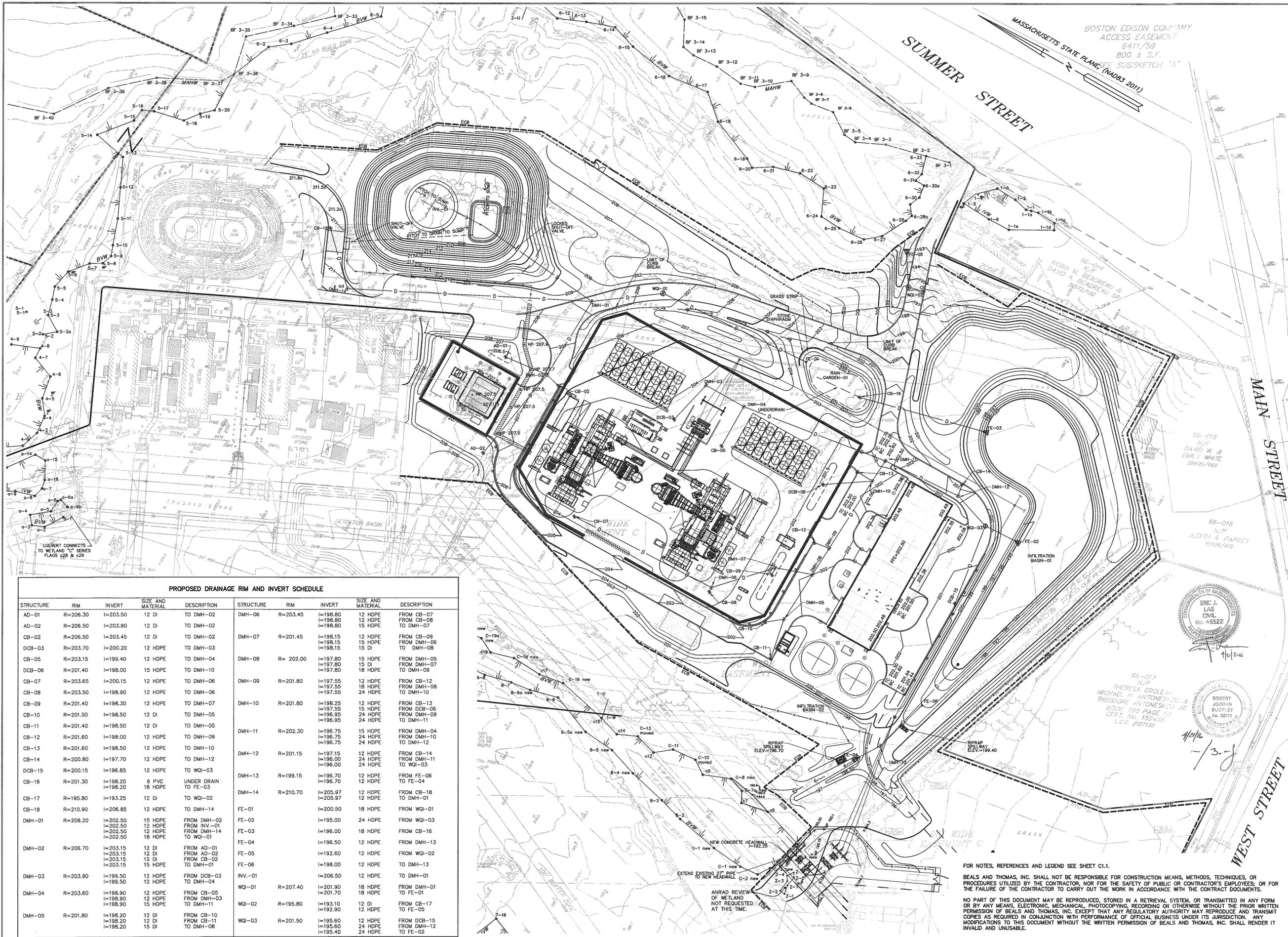
C3.1



66-017
N/E
THERESA GROGAN
MICHAEL N. ANTONESKOU
THEODORE ANTONESKOU
BOOK 788 PAGE 58
CERT. NO. 15945B
L.C.C. #12158

CULVERT LOCATED
IN FIELD
BETWEEN FLAGS
c28 & c29. THIS
CULVERT CONNECTS
"A" SERIES FLAGS
a-6b & a-1

ANRAD REVIEW
OF WETLAND
NOT REQUESTED
AT THIS TIME.



PREPARED FOR:
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PROJECT:
**WEST MEDWAY II
 FACILITY**
 MEDWAY, MASSACHUSETTS

SCALE: 1" = 60' DATE: FEBRUARY 09, 2016

**GRADING AND
 DRAINAGE PLAN**

B+T JOB NO. 1422.10
 B+T PLAN NO.
 142210P017B-004

C4.1

PROPOSED DRAINAGE RIM AND INVERT SCHEDULE

STRUCTURE	RIM	INVERT	SIZE AND MATERIAL	DESCRIPTION	STRUCTURE	RIM	INVERT	SIZE AND MATERIAL	DESCRIPTION
AD-01	R=206.30	I=203.50	12 DI	TO DMH-02	DMH-06	R=203.45	I=198.80	12 HDPE	FROM CB-07
AD-02	R=206.50	I=203.90	12 DI	TO DMH-02			I=198.80	12 HDPE	FROM CB-08
CB-02	R=206.50	I=203.45	12 DI	TO DMH-02			I=198.80	15 HDPE	TO DMH-07
DCB-03	R=203.70	I=200.20	12 HDPE	TO DMH-03	DMH-07	R=201.45	I=198.15	12 HDPE	FROM CB-09
CB-05	R=203.15	I=199.40	12 HDPE	TO DMH-04			I=198.15	15 HDPE	FROM DMH-06
DCB-06	R=201.40	I=198.00	15 HDPE	TO DMH-10			I=198.15	15 DI	TO DMH-08
CB-07	R=203.65	I=200.15	12 HDPE	TO DMH-06	DMH-08	R=202.00	I=197.80	15 HDPE	FROM DMH-05
CB-08	R=203.50	I=198.90	12 HDPE	TO DMH-06			I=197.80	15 DI	FROM DMH-07
CB-09	R=201.40	I=198.30	12 HDPE	TO DMH-07			I=197.80	18 HDPE	TO DMH-09
CB-10	R=201.50	I=198.50	12 DI	TO DMH-05	DMH-09	R=201.80	I=197.55	12 HDPE	FROM CB-12
CB-11	R=201.40	I=198.50	12 DI	TO DMH-05			I=197.55	18 HDPE	FROM DMH-08
CB-12	R=201.60	I=198.00	12 HDPE	TO DMH-09			I=197.55	24 HDPE	TO DMH-10
CB-13	R=201.60	I=198.50	12 HDPE	TO DMH-10	DMH-10	R=201.80	I=198.25	12 HDPE	FROM CB-13
CB-14	R=200.80	I=197.70	12 HDPE	TO DMH-12			I=198.25	15 HDPE	FROM DCB-06
DCB-15	R=200.15	I=196.85	12 HDPE	TO WQI-03			I=198.25	24 HDPE	FROM DMH-09
CB-16	R=201.30	I=198.20	6 PVC UNDER DRAIN TO FE-03		DMH-11	R=202.30	I=196.75	15 HDPE	FROM DMH-04
CB-17	R=195.80	I=193.25	12 DI	TO WQI-02			I=196.75	24 HDPE	TO DMH-10
CB-18	R=210.90	I=206.85	12 HDPE	TO DMH-14	DMH-12	R=201.15	I=197.15	12 HDPE	FROM DMH-14
DMH-01	R=208.20	I=202.50	15 HDPE FROM DMH-02				I=197.15	24 HDPE	TO DMH-11
		I=202.50	12 HDPE FROM INV-01		DMH-13	R=199.15	I=196.70	12 HDPE	FROM FE-06
		I=202.50	12 HDPE FROM DMH-14				I=196.70	12 HDPE	TO FE-04
		I=202.50	18 HDPE TO WQI-01		FE-01		I=200.50	18 HDPE	FROM WQI-01
DMH-02	R=206.70	I=203.15	12 DI FROM AD-01		FE-02		I=195.00	24 HDPE	FROM WQI-03
		I=203.15	12 DI FROM AD-02		FE-03		I=196.00	18 HDPE	FROM CB-16
		I=203.15	12 DI FROM CB-02		FE-04		I=196.50	12 HDPE	FROM DMH-13
		I=203.15	15 HDPE TO DMH-01		FE-05		I=192.60	12 HDPE	FROM WQI-02
DMH-03	R=203.90	I=199.50	12 HDPE FROM DCB-03		FE-06		I=198.00	12 HDPE	TO DMH-13
		I=199.50	12 HDPE TO DMH-04		INV-01		I=206.50	12 HDPE	TO DMH-01
DMH-04	R=203.60	I=198.90	12 HDPE FROM CB-05		WQI-01	R=207.40	I=201.90	18 HDPE	FROM DMH-01
		I=198.90	12 HDPE FROM DMH-03				I=201.70	18 HDPE	TO FE-01
		I=198.90	15 HDPE TO DMH-11		WQI-02	R=195.80	I=193.10	12 DI	FROM CB-17
DMH-05	R=201.80	I=198.20	12 DI FROM CB-10				I=192.90	12 HDPE	TO FE-05
		I=198.20	12 DI FROM CB-11		WQI-03	R=201.50	I=195.60	12 HDPE	FROM DCB-15
		I=198.20	15 DI FROM DMH-08				I=195.60	24 HDPE	FROM DMH-12
		I=198.20	15 DI TO DMH-08				I=195.40	24 HDPE	TO FE-02

FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1.

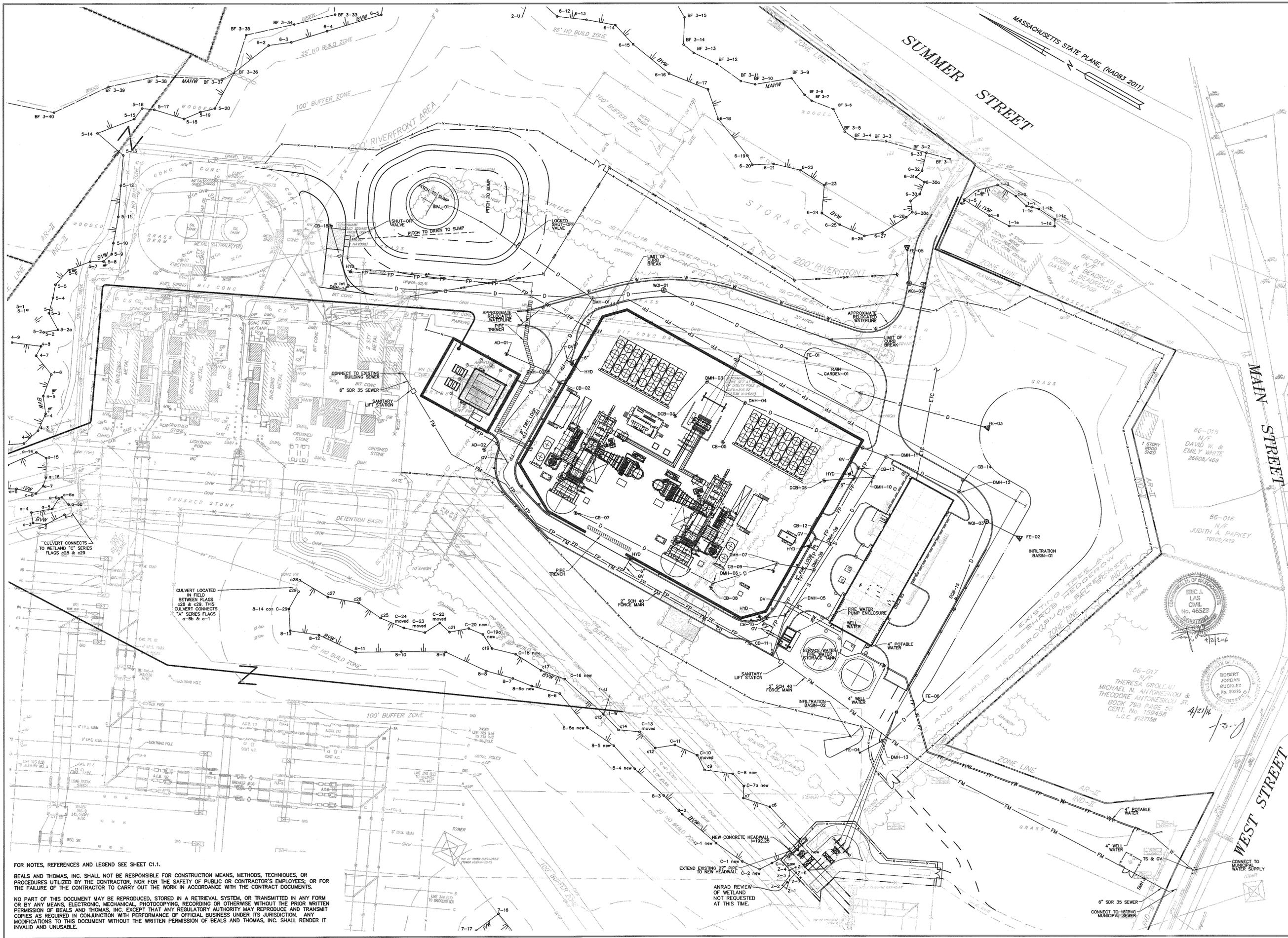
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ERIC J. LAS CIVIL No. 45522 REGISTERED PROFESSIONAL ENGINEER

ROBERT JORDAN BUCKLEY No. 30353 REGISTERED PROFESSIONAL ENGINEER

7/3/16



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**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**

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Kennett Square, PA 19348

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PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: 1" = 60' DATE: FEBRUARY 09, 2016

UTILITIES PLAN

B+T JOB NO. 1422.10

B+T PLAN NO.
142210P017B-005

C5.1

66-015
N/F
DAVID W. &
EMILY WHITE
26608/469

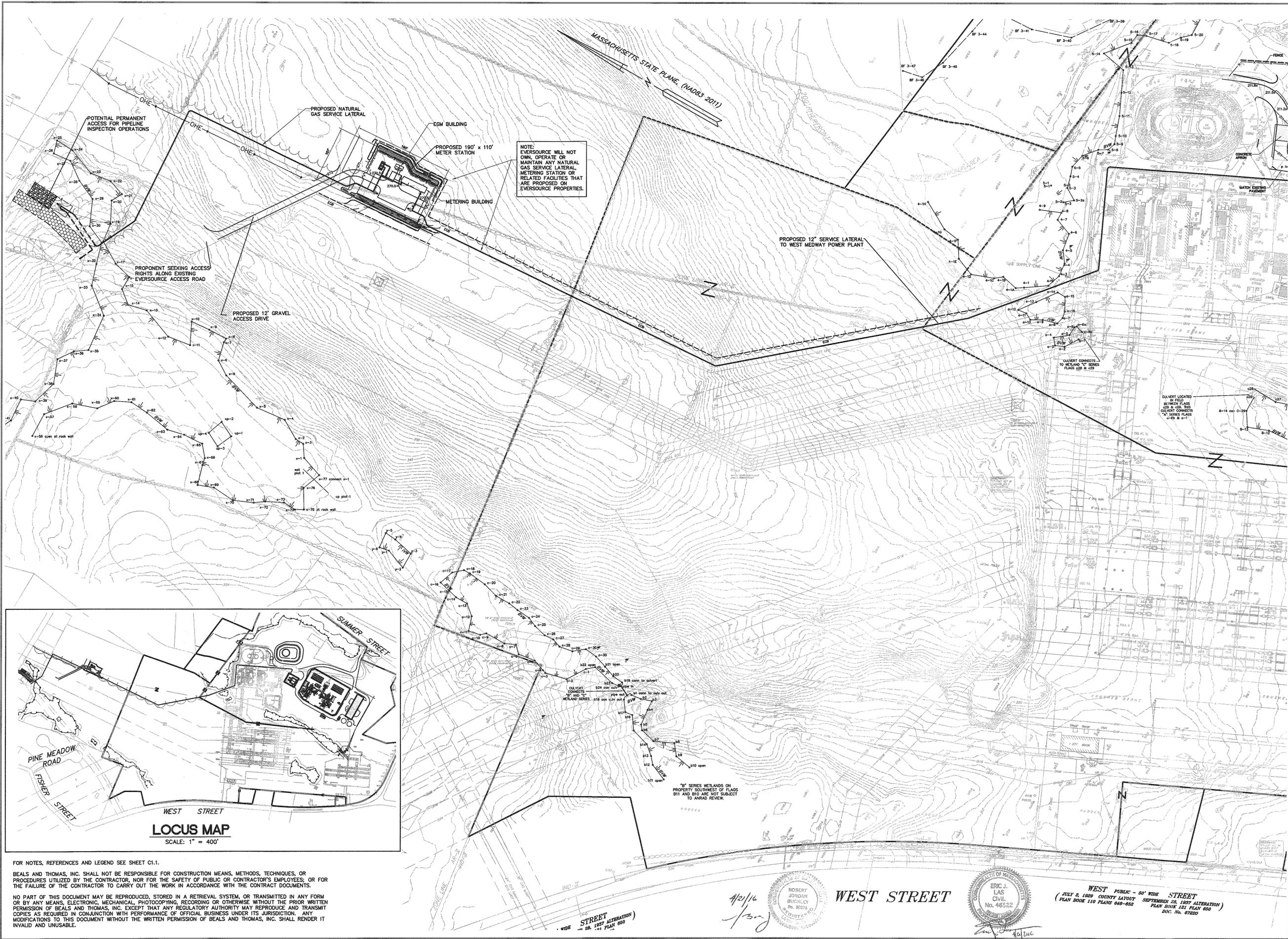
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N/F
JUDITH A. PAPKEY
10125/419

66-017
N/F
THERESA GROLEAU
MICHAEL N. ANTONESKOU &
THEODORE ANTONESKOU JR.
BOOK 789 PAGE 55
CERT. No. 159456
L.C.C. #12159

4/21/16

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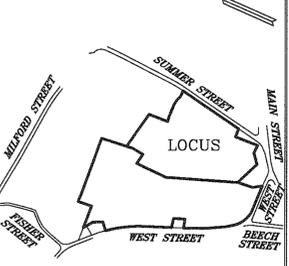


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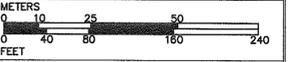
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PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: 1" = 80' DATE: FEBRUARY 09, 2016



**NATURAL GAS
PIPELINE
LAYOUT PLAN**

B+T JOB NO. 1422.10

B+T PLAN NO.
142210P017B-003

C6.1

FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1.

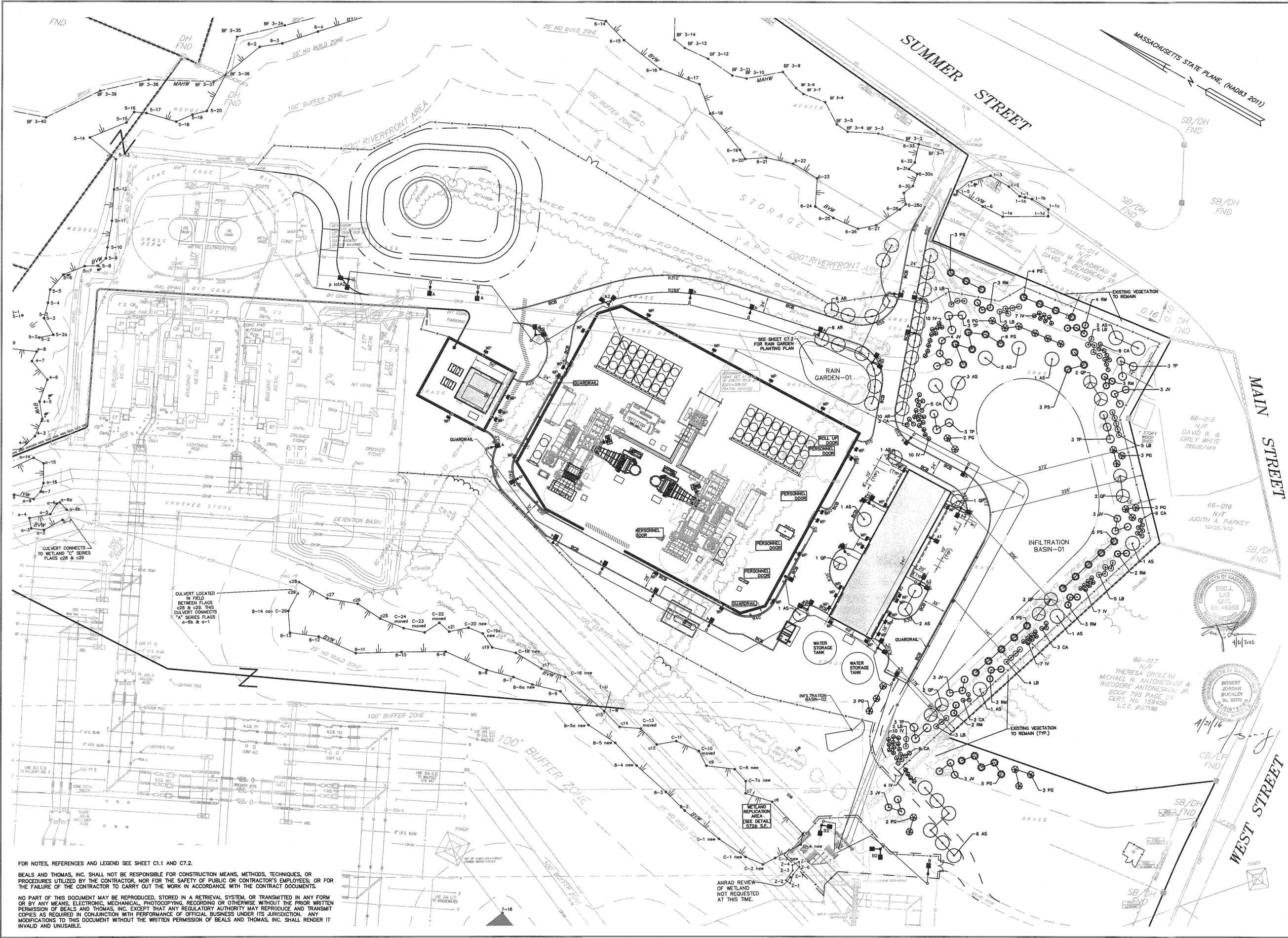
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WEST PUBLIC - 50' WIDE STREET
(JULY 2, 1989 COUNTY LAYOUT SEPTEMBER 28, 1987 ALTERATION)
PLAN BOOK 110 PLANS 646-658 PLAN BOOK 151 PLAN 650
DOC. NO. 47820

WEST STREET
- 58, 1987 ALTERATION
- 58, 101 PLAN 650



PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**

300 Exelon Way
Kennett Square, PA 19348

LOCUS MAP
NOT TO SCALE

**FOR PERMITTING
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0	02/09/2016	FIRST ISSUE	
	ISSUE DATE	DESCRIPTION	
DES	DWN	CHK'D	APP'D

PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: 1" = 60' DATE: FEBRUARY 09, 2016

**LANDSCAPE AND
LIGHTING PLAN**

B+T JOB NO. 1422.10

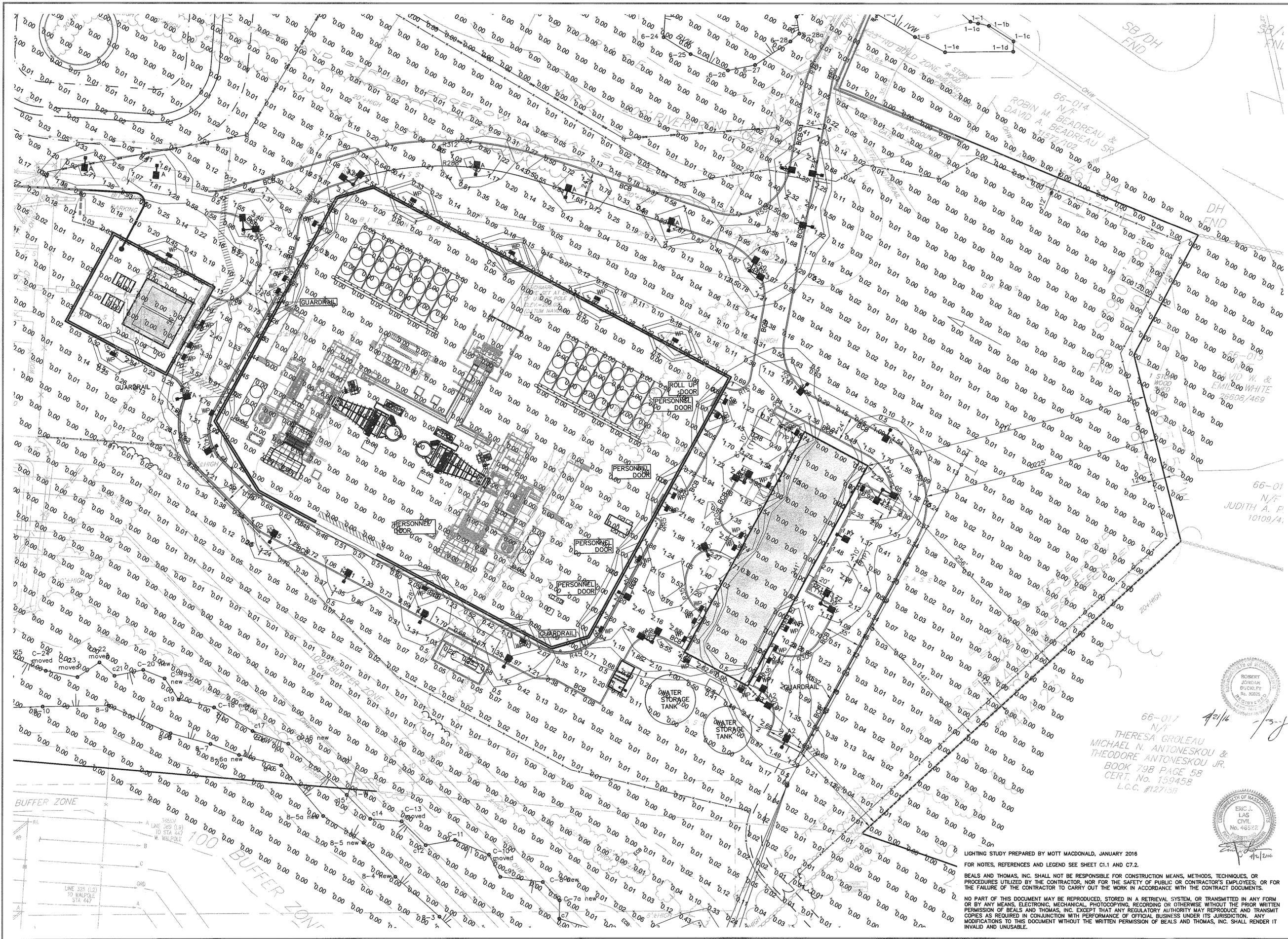
B+T PLAN NO.
142210P018B-001

C7.1

FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1 AND C7.2.

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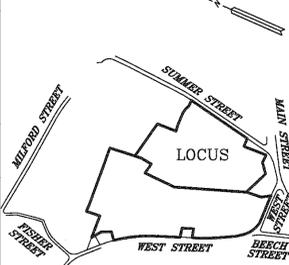


PREPARED FOR:

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Exelon West
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PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: 1" = 40' DATE: FEBRUARY 09, 2016
METERS
0 5 10 25 50 100
FEET

PHOTOMETRIC PLAN

B+T JOB NO. 1422.10
B+T PLAN NO. 142210P01B8-003

C8.1



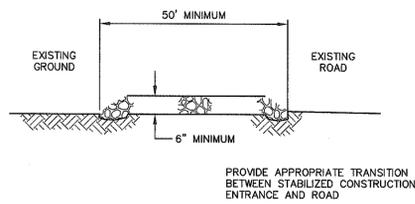
66-017 N/F
THERESA GROLEAU
MICHAEL N. ANTONESKOU &
THEODORE ANTONESKOU JR.
BOOK 798 PAGE 58
CERT. No. 159458
L.C.C. #127158

LIGHTING STUDY PREPARED BY MOTT MACDONALD, JANUARY 2016

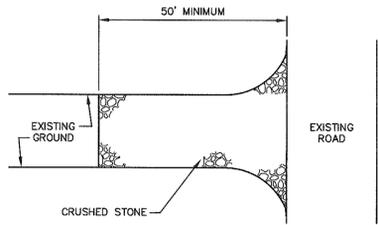
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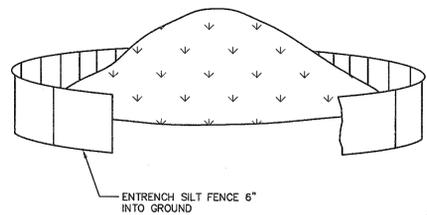
PROFILE VIEW



PLAN VIEW

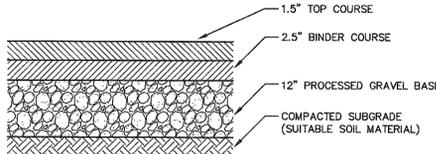
THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO EXISTING ROAD. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO EXISTING ROAD SHALL BE REMOVED IMMEDIATELY.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

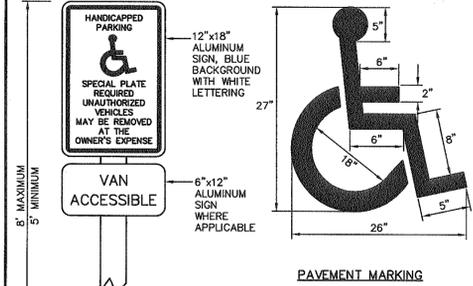


NOTE: CHOOSE DRY AND STABLE AREA FOR STOCKPILE.

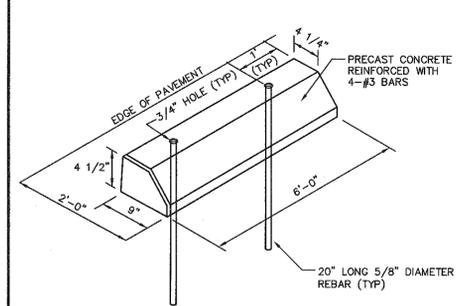
SOIL STOCKPILE
NOT TO SCALE



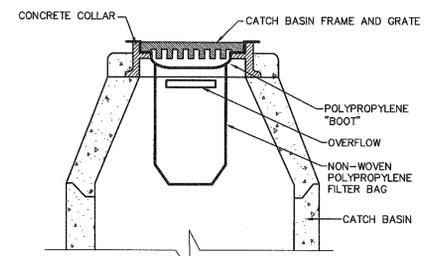
BITUMINOUS CONCRETE PAVEMENT
NOT TO SCALE



HANDICAP SIGN AND PAVEMENT MARKING
NOT TO SCALE

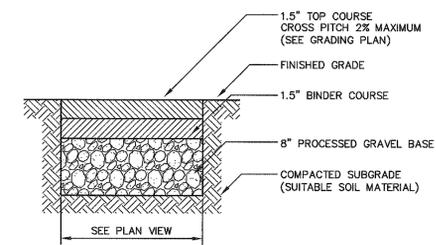


WHEEL STOP
NOT TO SCALE

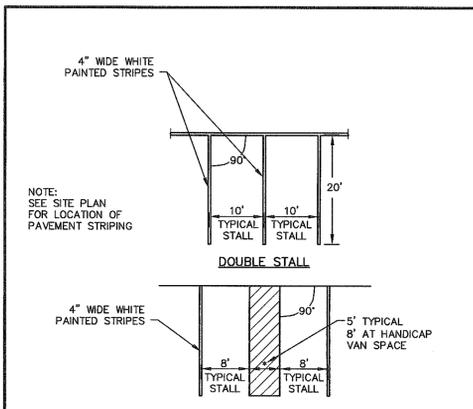


NOTES:
1. TO BE INSTALLED IN CATCH BASINS IN TRAFFIC AREAS UNTIL COMPLETION OF CONSTRUCTION.
2. BOOT ADAPTER MAY BE TRIMMED TO SIZE.

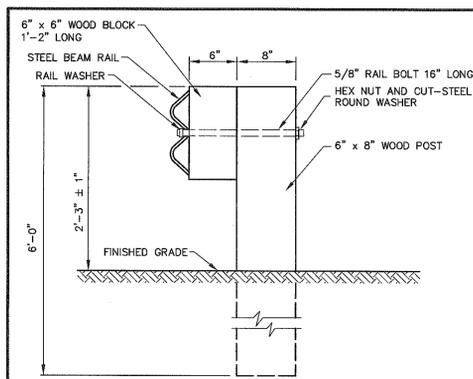
FILTER BAG
NOT TO SCALE



BITUMINOUS CONCRETE WALK
NOT TO SCALE



HANDICAP STALL
PAVEMENT MARKING
NOT TO SCALE



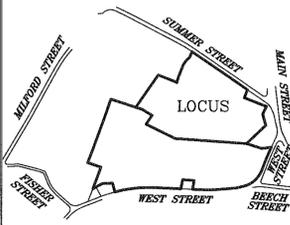
NOTES:
1. POSTS TO BE SPACED 6'-3" O.C.
2. CONSTRUCT IN ACCORDANCE WITH MHD CONSTRUCTION AND TRAFFIC STANDARD DETAILS.

STEEL BEAM GUARD RAIL WITH WOOD POST
NOT TO SCALE

PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**
300 Exelon Way
Kennett Square, PA 19348

LOCUS MAP
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CHK'D	APP'D

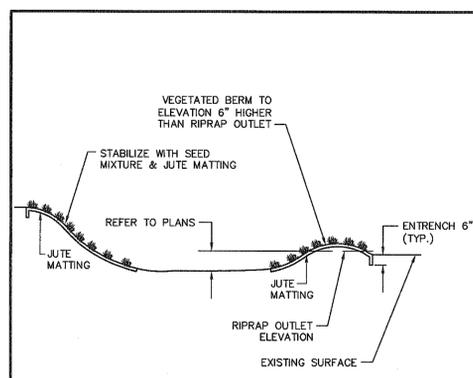
PROJECT:
**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: AS NOTED DATE: FEBRUARY 09, 2016

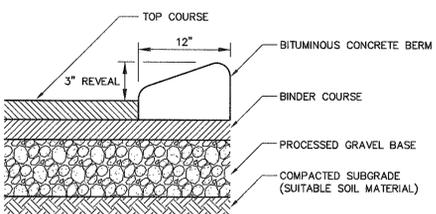
SITE DETAILS

B+T JOB NO. 1422.10
B+T PLAN NO. 142210P019B-001

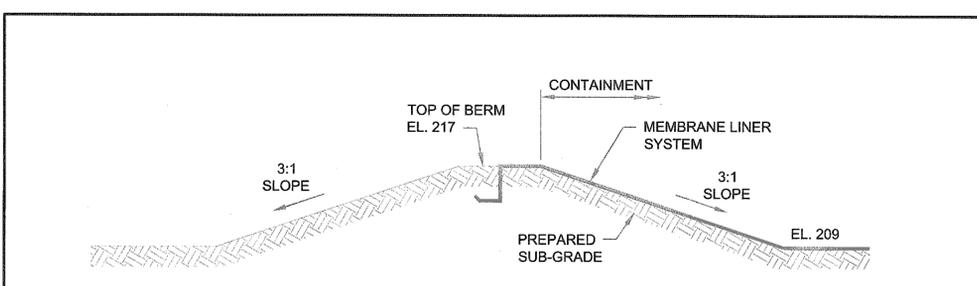
C9.1



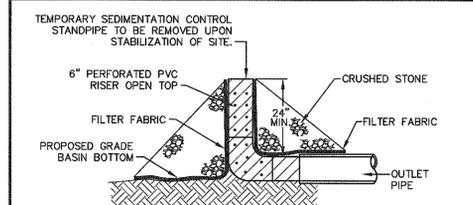
SEDIMENT BASIN CROSS SECTION
NOT TO SCALE



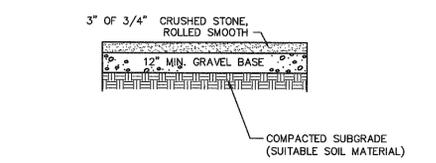
BITUMINOUS CONCRETE BERM
NOT TO SCALE



SECTION THRU CONTAINMENT BERM AT OIL TANK
NOT TO SCALE



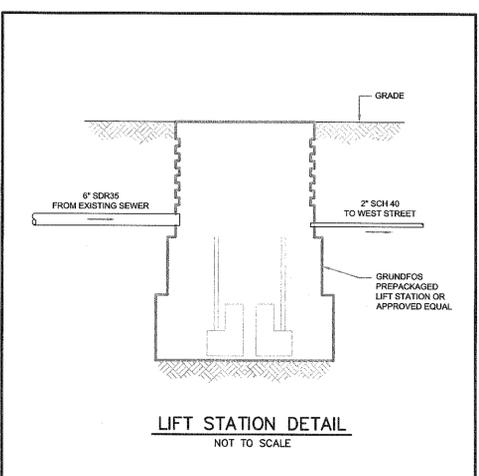
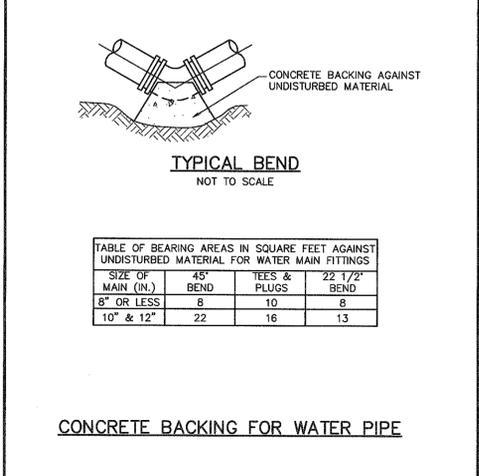
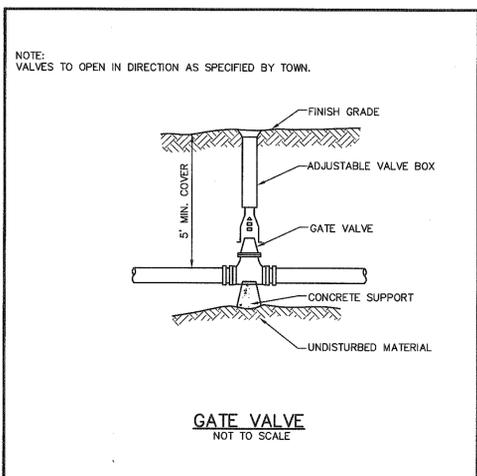
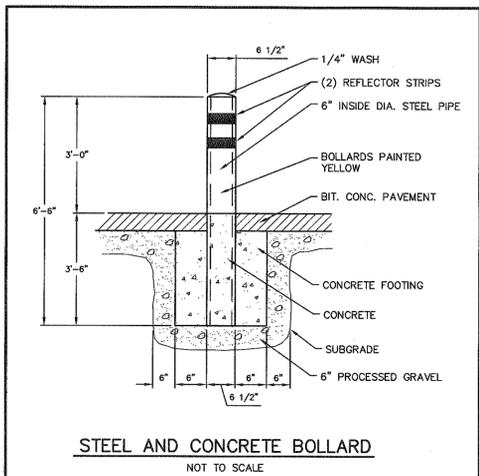
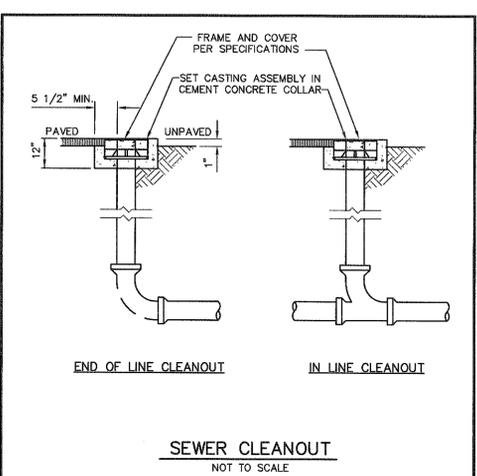
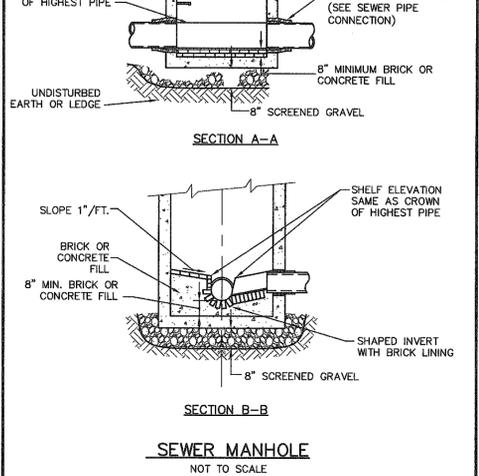
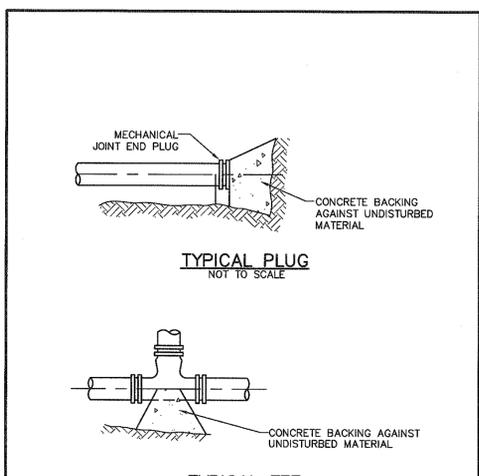
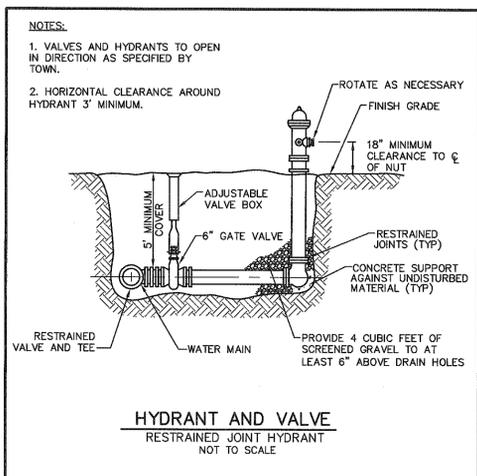
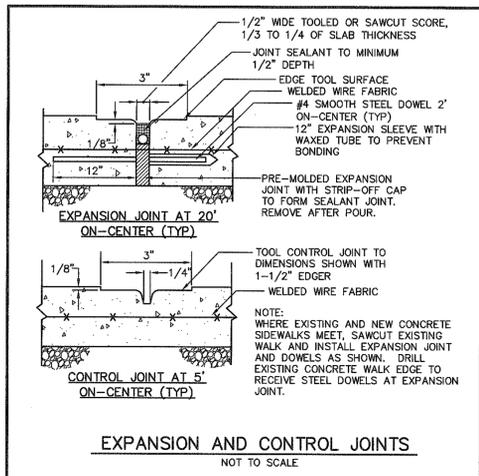
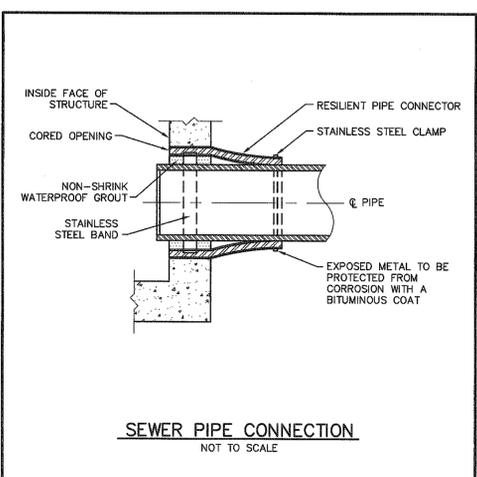
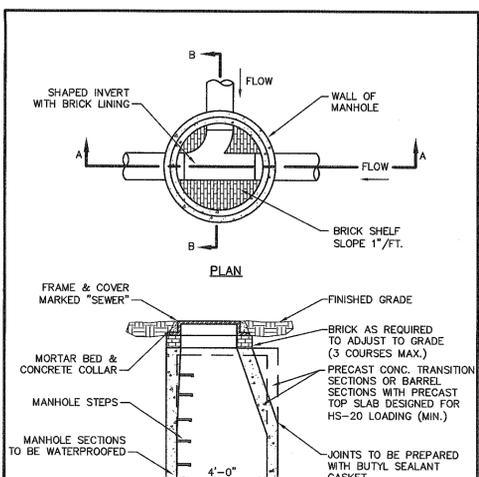
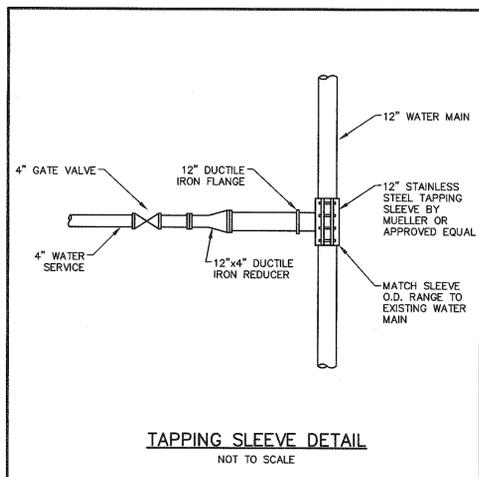
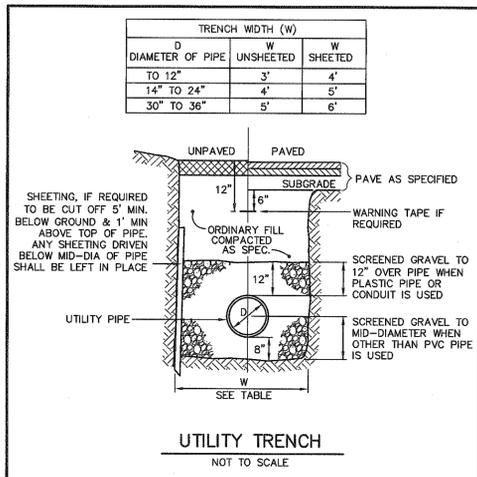
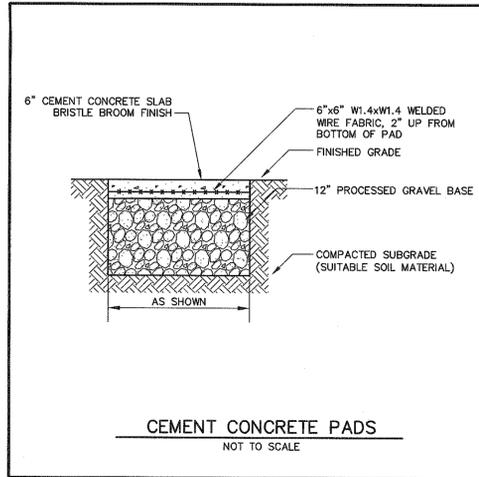
TEMPORARY SEDIMENT BASIN OUTLET
NOT TO SCALE



EMERGENCY ACCESS DRIVE / CRUSHED STONE AREA
NOT TO SCALE



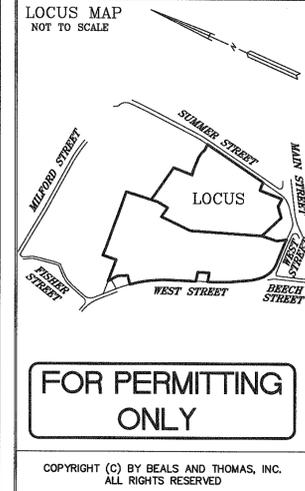
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PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: AS NOTED DATE: FEBRUARY 09, 2016

SITE DETAILS

B+T JOB NO. 1422.10

B+T PLAN NO. 142210P0198-002

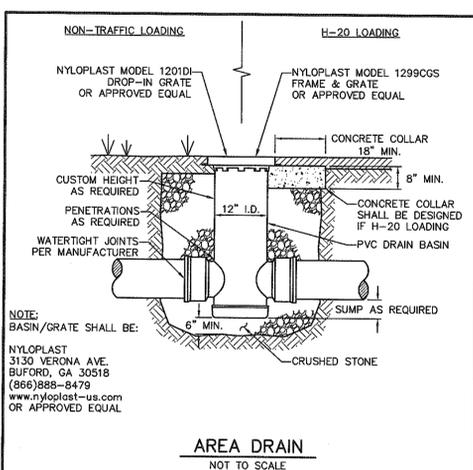
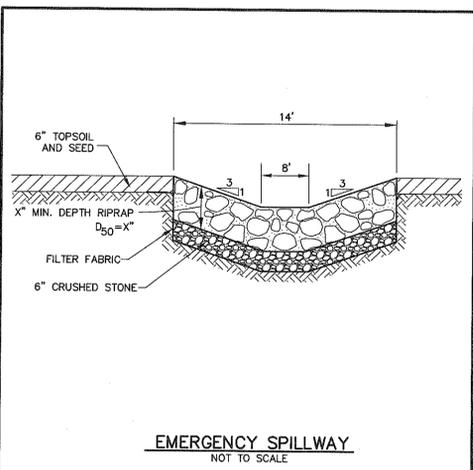
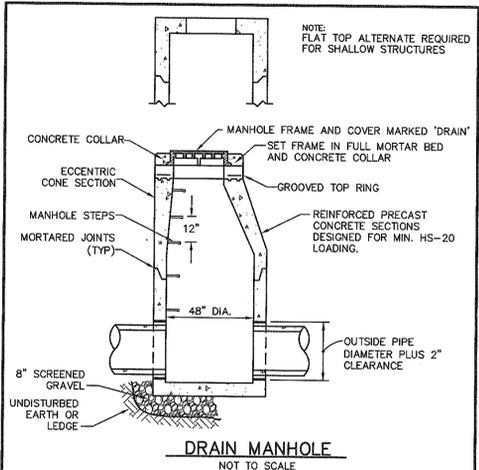
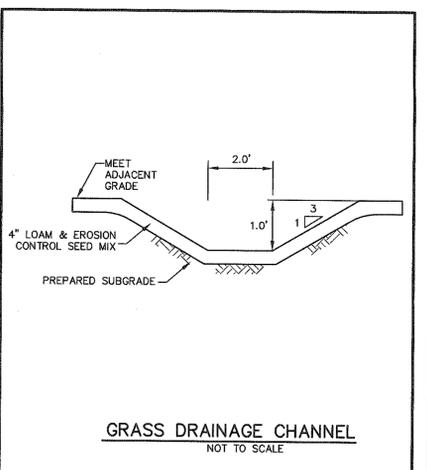
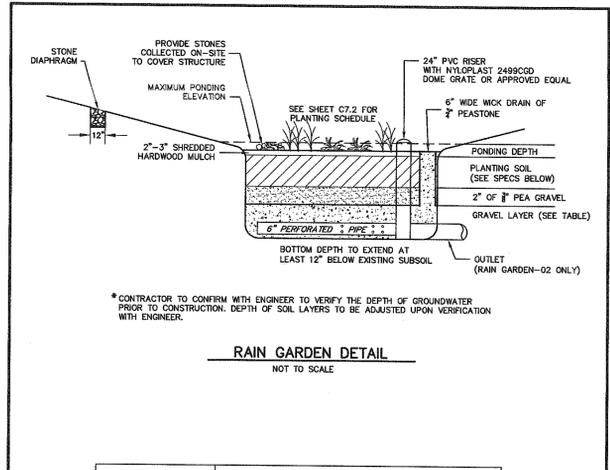
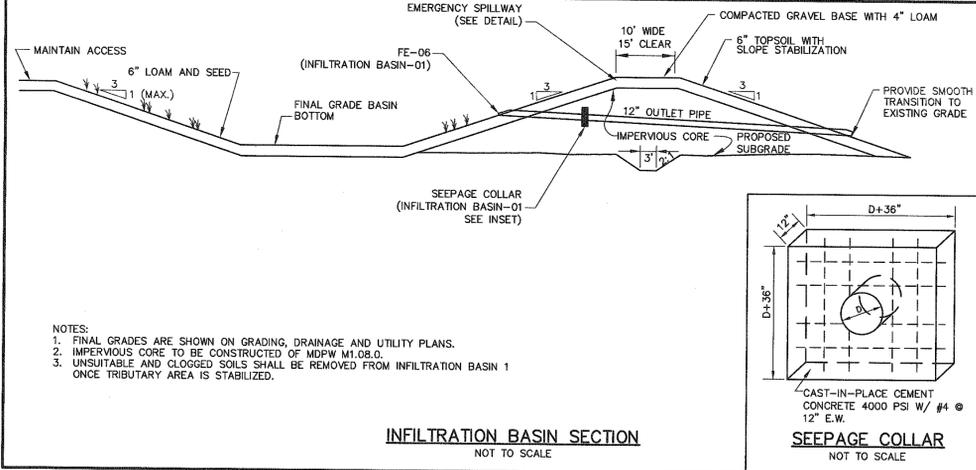
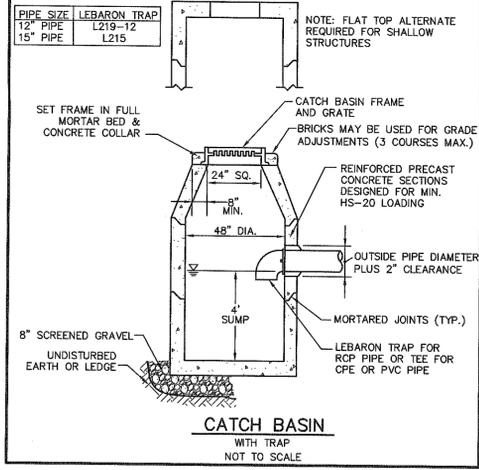
C9.2



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RAIN GARDEN	DEPTH OF ZONE			
	PONDING	MULCH	PLANTING SOIL	GRAVEL
1	0.9 FT	0.17 FT	2.00 FT	1.00 FT

NOTE:

- PREVENT TRAFFICKING OF THE SURFACE OR SUBGRADE BY HEAVY CONSTRUCTION EQUIPMENT.
- PREVENT DISCHARGE OF SEDIMENT-LADEN WATERS FROM CONSTRUCTION ACTIVITIES INTO THESE FACILITIES.
- DO NOT PLACE FACILITIES INTO SERVICE UNTIL THE CONTRIBUTING AREAS HAVE BEEN STABILIZED WITH PAVEMENT OR VEGETATION.

RAIN GARDEN SOIL SPECIFICATIONS:

THE RAIN GARDEN SOIL MIXTURE (BSM) SHALL BE A UNIFORM MIX, FREE OF STONES, STUMPS, ROOTS OR SIMILAR OBJECTS LARGER THAN 2 INCHES EXCLUDING MULCH. NO OTHER MATERIAL OR SUBSTANCES SHALL BE MIXED OR DUMPED WITHIN THE RAIN GARDEN THAT MAY BE HARMFUL TO PLANT GROWTH, OR PROVE A HINDRANCE TO PLANTING OR MAINTENANCE OPERATIONS.

RAIN GARDEN SOIL MIXTURE SHALL CONSIST OF THE FOLLOWING:

COMPOSITION	BY VOLUME SPECIFICATIONS
PLANTING SOIL (SEE BELOW)	20-30%
COMPOST	30-40%
SAND (shall meet ASTM D 422 standards)	40%

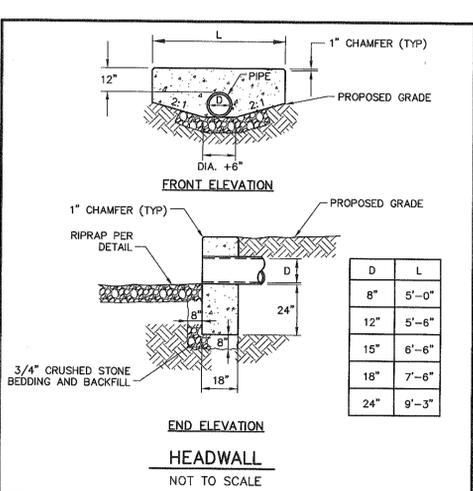
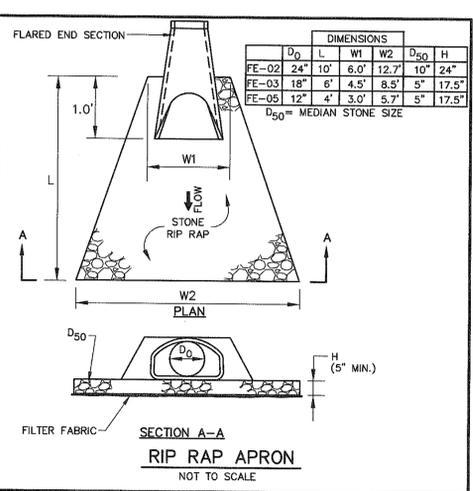
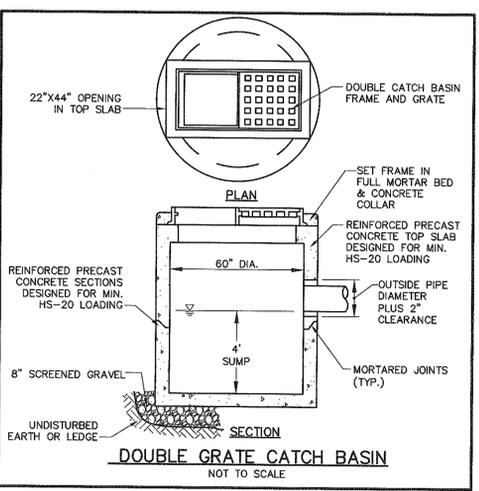
PLANTING SOIL SPECIFICATIONS:

THE USDA TEXTURAL CLASSIFICATION FOR PLANTING SOIL SHALL BE LOAMY SAND OR SANDY LOAM AND SHALL BE TESTED AND MEET THE FOLLOWING CRITERIA:

	PERCENT BY WEIGHT
SAND (0.05 - 2.0mm)	50 - 85%
SILT (0.002 - 0.05 mm)	0 - 50%
CLAY (< 0.002mm)	10 - 20%
ORGANIC MATTER	1.5 - 3%

RAIN GARDEN CONSTRUCTION NOTES:

- THE RAIN GARDEN SOIL MIXTURE SHALL BE PLACED AND GRADED USING LOW GROUND-CONTACT PRESSURE EQUIPMENT OR BY EXCAVATORS AND/OR BACKHOES OPERATING ON THE GROUND ADJACENT TO THE RAIN GARDEN (RG).
- NO HEAVY EQUIPMENT SHALL BE USED WITHIN THE PERIMETER OF THE RG BEFORE, DURING OR AFTER PLACEMENT OF THE SOIL MIXTURE.
- THE SOIL MIXTURE SHALL BE PLACED IN HORIZONTAL LAYERS NOT TO EXCEED 12 INCHES FOR THE ENTIRE AREA OF THE RG.
- THE SOIL MIXTURE SHALL BE COMPACTED BY SATURATING THE ENTIRE AREA OF THE BRIF AFTER EACH LIFT OF SOIL MIXTURE IS PLACED UNTIL WATER FLOWS FROM THE UNDERDRAIN. WATER FOR SATURATION SHALL BE APPLIED BY SPRAYING OR SPRINKLING. SATURATION OF EACH LIFT SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
- AN APPROPRIATE SEDIMENT CONTROL DEVICE SHALL BE USED TO TREAT ANY SEDIMENT-LADEN WATER DISCHARGED FROM THE UNDERDRAIN.
- IF THE SOIL MIXTURE BECOMES CONTAMINATED DURING CONSTRUCTION OF THE RG, THE CONTAMINATED MATERIAL SHALL BE REMOVED AND REPLACED WITH UNCONTAMINATED MATERIAL.
- FINAL GRADING OF THE SOIL MIXTURE SHALL BE PERFORMED AFTER A 24 HOUR SETTLING PERIOD.



PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**

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0	02/09/2016	FIRST ISSUE	
		ISSUE DATE	
		DESCRIPTION	
DES	DWN	CHK'D	APP'D

PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: AS NOTED DATE: FEBRUARY 09, 2016

SITE DETAILS

B+T JOB NO. 1422.10

B+T PLAN NO. 142210P019B-003

C9.3



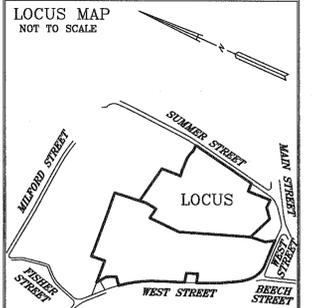
FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1.

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NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE WITHOUT THE PRIOR WRITTEN PERMISSION OF BEALS AND THOMAS, INC. EXCEPT THAT ANY REGULATORY AUTHORITY MAY REPRODUCE AND TRANSMIT COPIES AS REQUIRED IN CONJUNCTION WITH PERFORMANCE OF OFFICIAL BUSINESS UNDER ITS JURISDICTION. ANY MODIFICATIONS TO THIS DOCUMENT WITHOUT THE WRITTEN PERMISSION OF BEALS AND THOMAS, INC. SHALL RENDER IT INVALID AND UNUSABLE.

PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**
300 Exelon Way
Kennett Square, PA 19348



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PREPARED BY:



BEALS AND THOMAS, INC.
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Southborough, Massachusetts 01772-2104
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0	02/09/2016 FIRST ISSUE		
ISSUE DATE	DESCRIPTION		
DES	DWN	CHK'D	APP'D

PROJECT:
**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

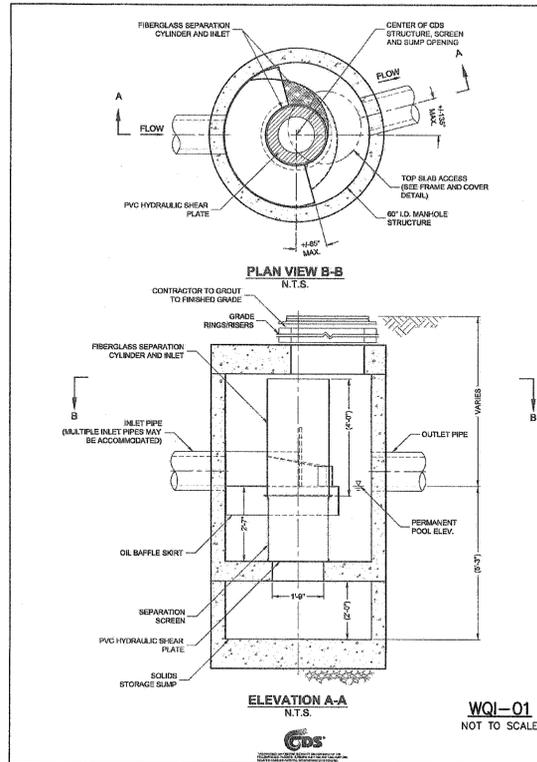
SCALE: AS NOTED DATE: FEBRUARY 09, 2016

SITE DETAILS

B+T JOB NO. 1422.10

B+T PLAN NO.
142210P019B-004

C9.4



CDS2020-5-C DESIGN NOTES
CDS2020-5-C RATED TREATMENT CAPACITY IS 2.3 CFS, OR PER LOCAL REGULATIONS.
THE STANDARD CDS2020-5-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)
SEDIMENT WEIR FOR NUDEP / NUCAT CONFORMING UNITS



SITE SPECIFIC DATA REQUIREMENTS

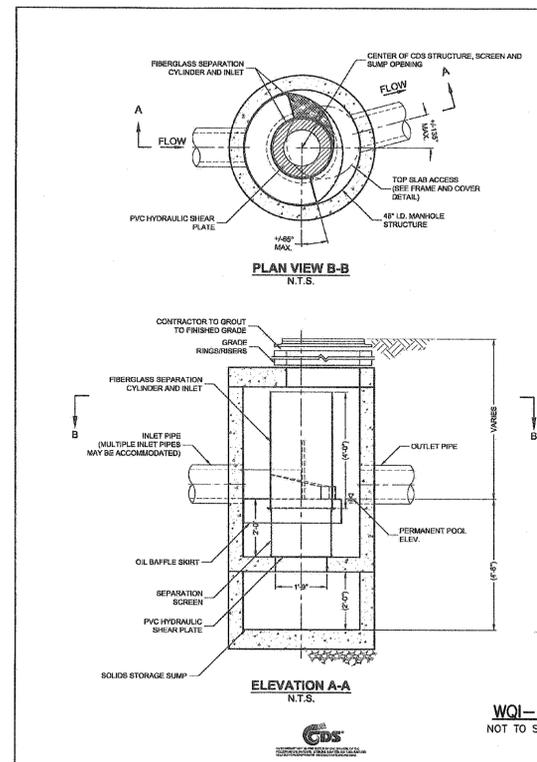
STRUCTURE ID	
WATER QUALITY FLOW RATE (CFS)	
PEAK FLOW RATE (CFS)	
RETURN PERIOD OF PEAK FLOW (YRS)	
SCREEN APERTURE (400 OR 470)	
PIPE DATA	
INLET PIPE 1	
INLET PIPE 2	
OUTLET PIPE	
RIM ELEVATION	
ANTI-FLOTATION BALLAST	
WIDTH	
HEIGHT	
NOTES/SPECIAL REQUIREMENTS:	
* PER ENGINEER OF RECORD	

GENERAL NOTES
1. CONTECH TO PROVIDE ALL MATERIALS UNLESS NOTED OTHERWISE.
2. DIMENSIONS MARKED WITH (1) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH CONSTRUCTION PRODUCTS REPRESENTATIVE. www.contech-cp.com
4. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO M309 AND CASTINGS SHALL MEET AASHTO M208 LOAD RATINGS, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
6. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

INSTALLATION NOTES
1. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
2. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
3. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
4. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
5. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT IS WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT MINIMUM. IT IS SUGGESTED THAT ALL JOINTS BELOW PIPE INVERTS ARE GROUTED.

CONTECH CONSTRUCTION PRODUCTS INC.
8225 Centre Pike Dr., Suite 402, West Chester, OH 45389
603-338-1122 613-446-7000 613-446-7003 FAX

**CDS2020-5-C
INLINE CDS
STANDARD DETAIL**



CDS2015-4-C DESIGN NOTES
CDS2015-4-C RATED TREATMENT CAPACITY IS 1.4 CFS, OR PER LOCAL REGULATIONS.
THE STANDARD CDS2015-4-C CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE AVAILABLE AND ARE LISTED BELOW. SOME CONFIGURATIONS MAY BE COMBINED TO SUIT SITE REQUIREMENTS.

CONFIGURATION DESCRIPTION
GRATED INLET ONLY (NO INLET PIPE)
GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES



SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	
WATER QUALITY FLOW RATE (CFS)	
PEAK FLOW RATE (CFS)	
RETURN PERIOD OF PEAK FLOW (YRS)	
SCREEN APERTURE (400 OR 470)	
PIPE DATA	
INLET PIPE 1	
INLET PIPE 2	
OUTLET PIPE	
RIM ELEVATION	
ANTI-FLOTATION BALLAST	
WIDTH	
HEIGHT	
NOTES/SPECIAL REQUIREMENTS:	
* PER ENGINEER OF RECORD	

GENERAL NOTES
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2. DIMENSIONS MARKED WITH (1) ARE REFERENCE DIMENSIONS. ACTUAL DIMENSIONS MAY VARY.
3. FOR FABRICATION DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHTS, PLEASE CONTACT YOUR CONTECH CONSTRUCTION PRODUCTS REPRESENTATIVE. www.contech-cp.com
4. CDS WATER QUALITY STRUCTURE SHALL BE IN ACCORDANCE WITH ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING.
5. STRUCTURE SHALL MEET AASHTO M309 AND CASTINGS SHALL MEET AASHTO M208 LOAD RATINGS, ASSUMING GROUNDWATER ELEVATION AT, OR BELOW, THE OUTLET PIPE INVERT ELEVATION. ENGINEER OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION.
6. PVC HYDRAULIC SHEAR PLATE IS PLACED ON SHELF AT BOTTOM OF SCREEN CYLINDER. REMOVE AND REPLACE AS NECESSARY DURING MAINTENANCE CLEANING.

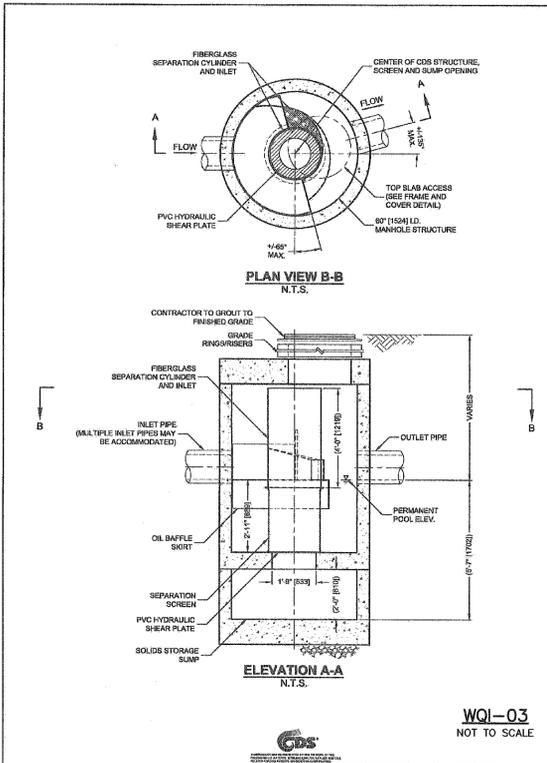
INSTALLATION NOTES
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2. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE (LIFTING CLUTCHES PROVIDED).
3. CONTRACTOR TO ADD JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS, AND ASSEMBLE STRUCTURE.
4. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN.
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CONTECH CONSTRUCTION PRODUCTS INC.
8225 Centre Pike Dr., Suite 402, West Chester, OH 45389
603-338-1122 613-446-7000 613-446-7003 FAX

**CDS2015-4-C
CDS INLINE
STANDARD DETAIL**

NOTES:
OTHER ACCEPTABLE EQUIVALENT MAY BE USED IF THE FOLLOWING REQUIREMENTS ARE MET AND APPROVAL IS RECEIVED FROM THE ENGINEER.

- CALCULATIONS STAMPED BY A PROFESSIONAL ENGINEER SHALL BE SUPPLIED TO DEMONSTRATE THAT THE ALTERNATE WATER QUALITY STRUCTURES WILL ACCEPT THE DESIGN FLOW RATES WITHOUT CAUSING A BACKWATER CONDITION.
- THE WATER QUALITY STRUCTURE SHALL HAVE A PROVEN RECORD OF HAVING THE CAPABILITY TO REMOVE A MINIMUM OF 44% TOTAL SUSPENDED SOLIDS LOAD FROM THE LOW-FLOW STORM CONDITIONS FROM THE TOTAL CATCHMENT AREA OF THE DRAINAGE SYSTEM. THE STRUCTURE MUST BE CAPABLE OF REMOVING CLAY SIZE PARTICLES. THE WATER QUALITY STRUCTURE SHALL BE INSTALLED UNDERGROUND AS PART OF THE STORMWATER SYSTEM.
- THE STRUCTURE SHALL BE MAINTAINABLE FROM THE SURFACE VIA ACCESS POINTS WITHOUT REQUIRING ENTRY INTO THE INTERCEPTOR.
- THE STRUCTURE SHALL BE ABLE TO BE INSTALLED TO THE INVERT ELEVATIONS OF THE DRAINAGE SYSTEM AS DETAILED ON THE DRAWINGS.
- THE WATER QUALITY STRUCTURE SHALL BE CAPABLE OF CONTAINING SPILLS OF FLOATABLE SUBSTANCES SUCH AS OIL AND GASOLINE WITHIN THE STRUCTURE WITHOUT THE USE OF FLOATABLE ADDITIVES.
- THE WATER QUALITY STRUCTURE SHALL NOT BE COMPROMISED BY BACKWATER CONDITIONS I.E., TRAPPED POLLUTANTS SHOULD NOT BE RESUSPENDED AND SCOURED FROM THE INTERCEPTOR DURING BACKWATER CONDITIONS.



CDS2025-5-C DESIGN NOTES
CDS2025-5-C RATED TREATMENT CAPACITY IS 3.2 CFS, OR PER LOCAL REGULATIONS.
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CONFIGURATION DESCRIPTION
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GRATED INLET WITH INLET PIPE OR PIPES
CURB INLET ONLY (NO INLET PIPE)
CURB INLET WITH INLET PIPE OR PIPES
SEPARATE OIL BAFFLE (SINGLE INLET PIPE REQUIRED FOR THIS CONFIGURATION)
SEDIMENT WEIR FOR NUDEP / NUCAT CONFORMING UNITS



SITE SPECIFIC DATA REQUIREMENTS

STRUCTURE ID	
WATER QUALITY FLOW RATE (CFS OR L/s)	
PEAK FLOW RATE (CFS OR L/s)	
RETURN PERIOD OF PEAK FLOW (YRS)	
SCREEN APERTURE (400 OR 470)	
PIPE DATA	
INLET PIPE 1	
INLET PIPE 2	
OUTLET PIPE	
RIM ELEVATION	
ANTI-FLOTATION BALLAST	
WIDTH	
HEIGHT	
NOTES/SPECIAL REQUIREMENTS:	
* PER ENGINEER OF RECORD	

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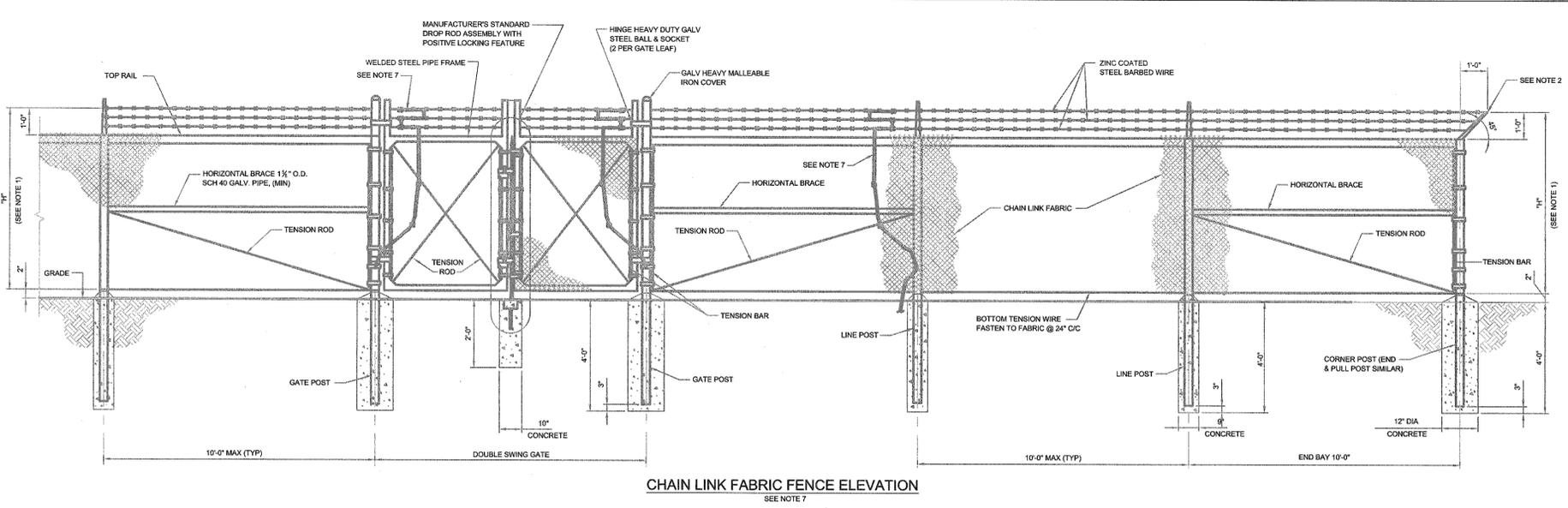
**CDS2025-5-C
INLINE CDS
STANDARD DETAIL**



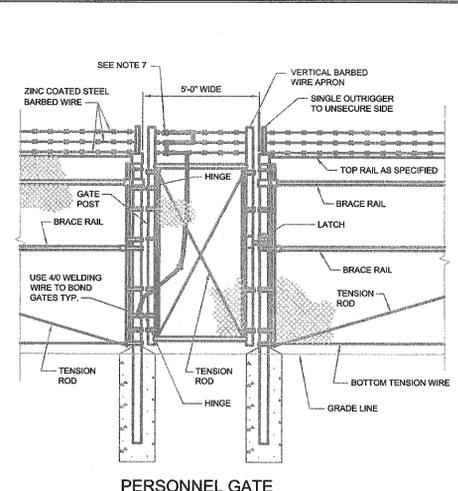
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CHAIN LINK FABRIC FENCE ELEVATION
SEE NOTE 7

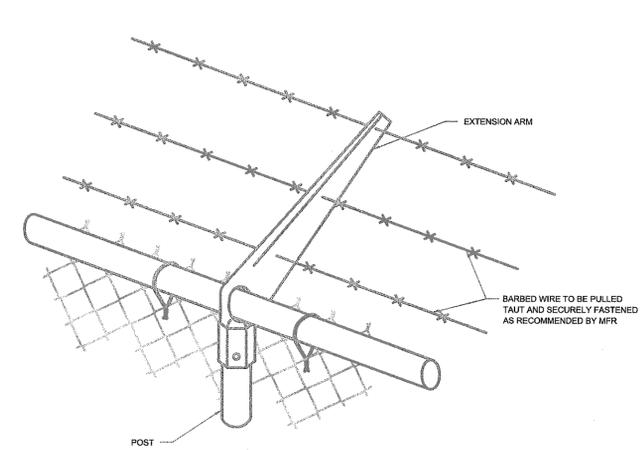


PERSONNEL GATE

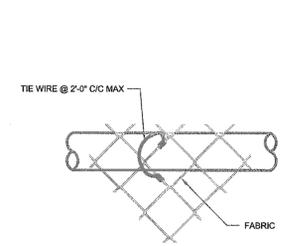
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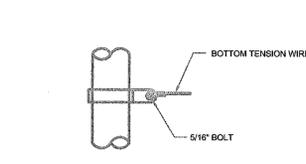
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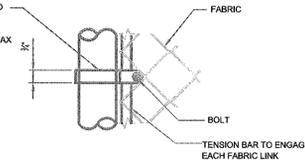
EXTENSION ARM FOR BARBED WIRE



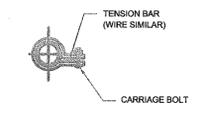
WIRE TIES FOR TOP OR BRACE RAIL



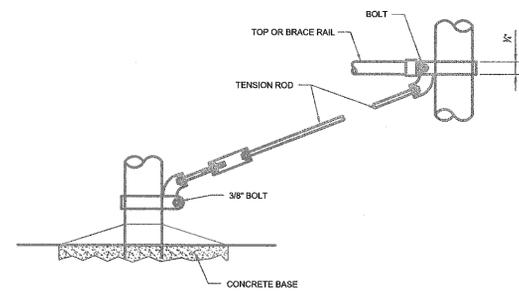
BAND FOR WIRE STRETCHING



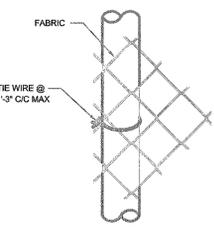
DETAIL - END, CORNER, GATE AND PULL POSTS



PLAN AT BANDS

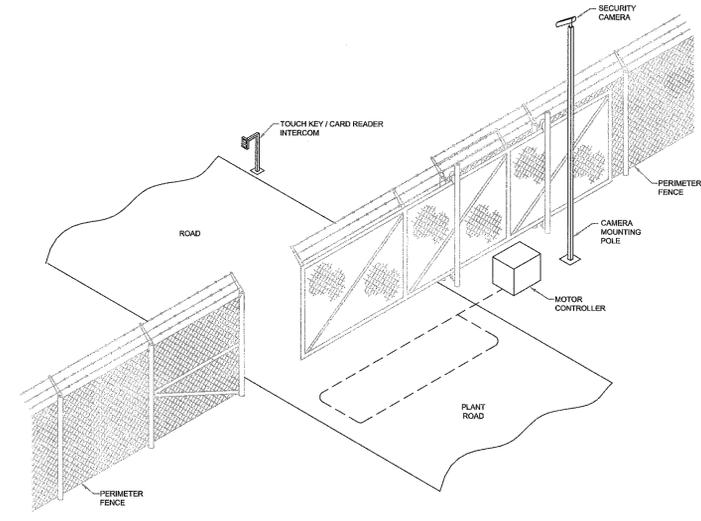


TRUSS ROD AND BAND

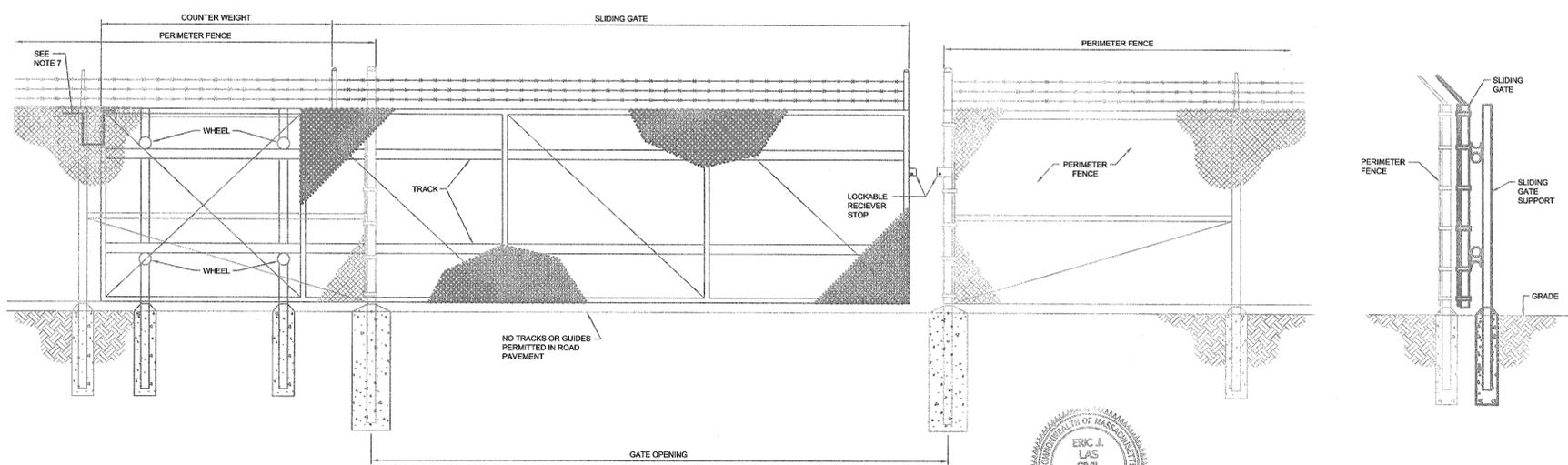


WIRE TIES FOR POST

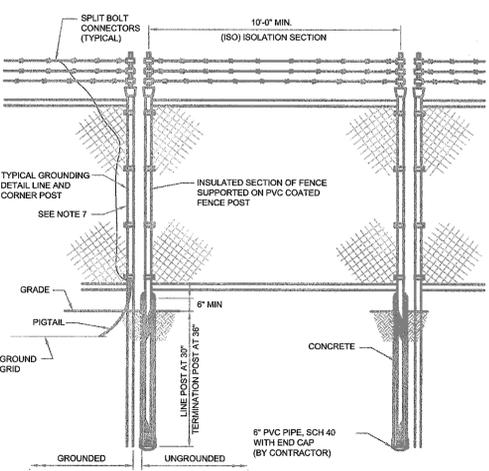
1. OVERALL HEIGHT "H" OF FENCE SHALL BE 8'-0" UNLESS OTHERWISE NOTED. WITH 3 STRANDS OF 4 POINT BARBED WIRE SECURELY ATTACHED TO SINGLE EXTENSION ARMS ALONG TOP OF FENCE.
2. SINGLE EXTENSION ARMS SHALL POINT OUTWARD AT ANGLE OF 45 DEGREES.
3. PROVIDE ONE GATE KEEPER (TO HOLD GATE OPEN) PER DOUBLE SWING GATE, ANCHOR IN CONCRETE.
4. SEE CHAIN LINK FENCE TECHNICAL SPECIFICATION A244238-SPCS23113.
5. PROVIDE ELECTRICAL ISOLATION FOR FENCE SECTIONS IMMEDIATELY BETWEEN GROUNDED AND NON-GROUNDED FENCE SECTIONS. SEE ELECTRICAL DRAWINGS.
6. MOTOR OPERATED GATE OPENING DETAILS SHALL BE IN ACCORDANCE WITH MANUFACTURERS DETAILS AND IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
7. FOR GROUNDING OF FENCE, PERSONNEL, DOUBLE SWING, AND CANTILEVERED SLIDE GATES SEE ELECTRICAL DRAWINGS.



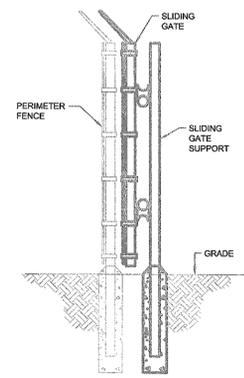
TYPICAL CANTILEVER SLIDE GATE



SLIDING GATE ELEVATION



TYPICAL FENCE ISOLATION SECTION (ISO)
SEE NOTE 6



SLIDING GATE SECTION



PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**

300 Exelon Way
Kennett Square, PA 19348

LOCUS MAP
NOT TO SCALE

FOR PERMITTING ONLY

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PREPARED BY:

BEALS + THOMAS
Civil Engineers + Landscape Architects +
Land Surveyors + Planners +
Environmental Specialists

BEALS AND THOMAS, INC.
Reservoir Corporate Center
144 Turnpike Road
Southborough, Massachusetts 01772-2104
T 508.366.0560 | www.btiweb.com

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1	04/21/2016 FOR DATE ONLY		
0	02/09/2016 FIRST ISSUE		
ISSUE DATE	DESCRIPTION		
DES	DWN	CHK'D	APP'D

PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

SCALE: AS NOTED DATE: FEBRUARY 09, 2016

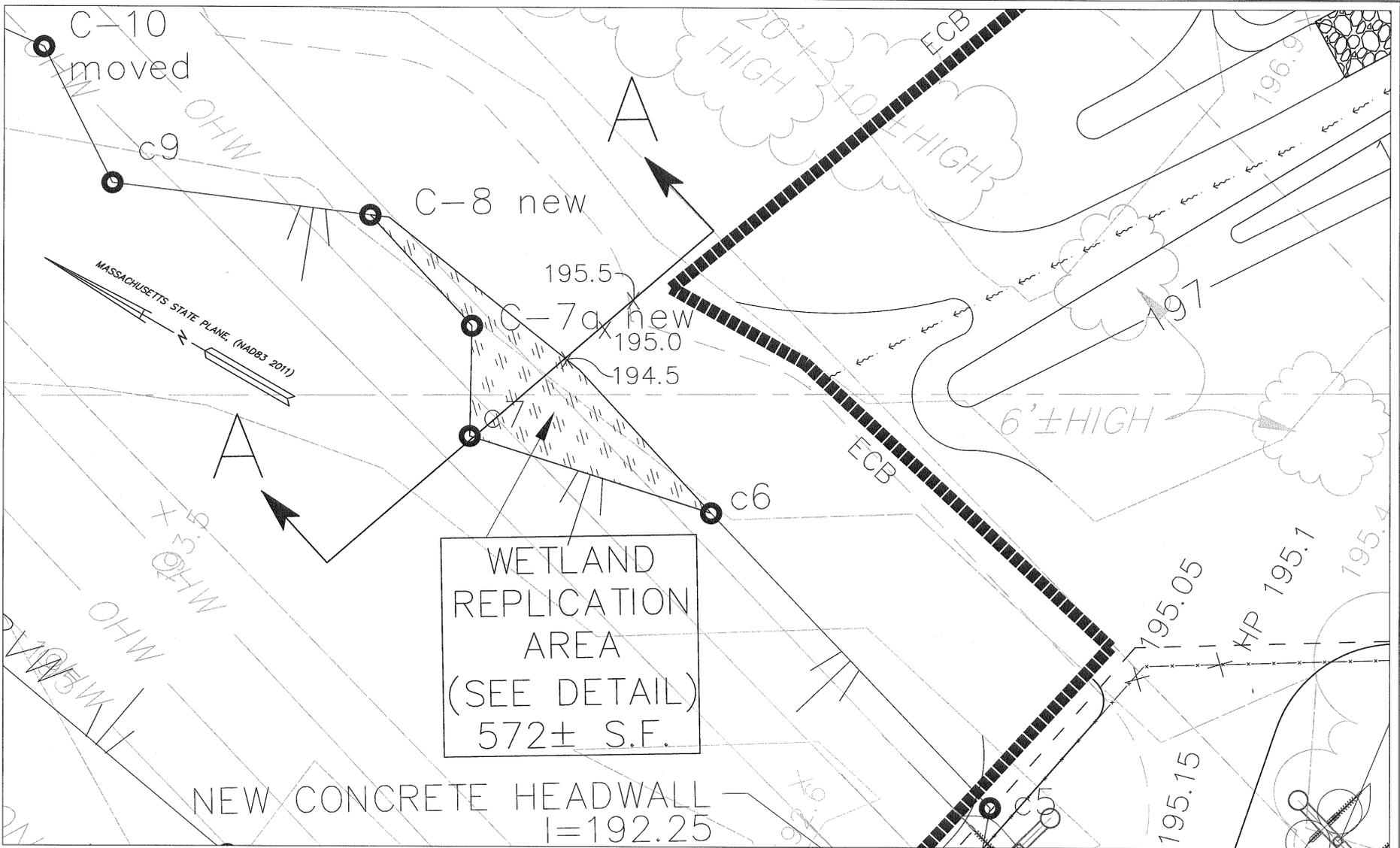
SITE DETAILS

B+T JOB NO. 1422.10
B+T PLAN NO. 142210P019B-005

C9.5

WETLAND REPLICATION AREA CONSTRUCTION GUIDELINE

- PRIOR TO COMMENCEMENT, A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CONTRACTOR, THE SUPERVISORY WETLAND SPECIALIST, AND THE MEDWAY CONSERVATION COMMISSION AND/OR ITS AGENT.
- FLAG OR STAKE LIMITS OF WETLAND REPLICATION AREA.
- INSTALL EROSION CONTROL BARRIER ALONG INTERSECTION OF BORDERING VEGETATED WETLAND AND PROPOSED WETLAND REPLICATION AREA. THE MEDWAY CONSERVATION COMMISSION AND/OR ITS AGENT RESERVE THE RIGHT TO DIRECT THE CONTRACTOR TO ADD OR REMOVE THE EROSION CONTROL BARRIER BASED UPON SEASONAL TIMING OF THE WORK.
- CUT TREES, STRIP AND GRUB WETLAND REPLICATION AREA.
- MANMADE TOPSOIL SHALL CONSIST OF A MIXTURE OF EQUAL VOLUMES OF IMPORTED ORGANIC AND MINERAL MATERIALS. WELL-DECOMPOSED CLEAN LEAF COMPOST IS THE PREFERRED SOIL AMENDMENT TO ACHIEVE THESE STANDARDS, ALTHOUGH OTHER SOIL AMENDMENTS MAY ALSO BE USED.
- EXCAVATE WETLAND REPLICATION AREA TO AT LEAST 12" BELOW PROPOSED FINAL DESIGN GRADE TO FACILITATE PLACEMENT OF ORGANIC-RICH TOPSOIL (TAKING INTO ACCOUNT SETTLING TO ACHIEVE FINAL GRADE), 12% MINIMUM ORGANIC CARBON CONTENT (9 TO 21 PERCENT ORGANIC MATTER) ON A DRY WEIGHT BASIS FOR SOILS SHOULD BE USED IN WETLAND REPLICATION AREAS. BEFORE PLACEMENT OF ORGANIC RICH TOPSOIL, THE WETLAND SPECIALIST AND THE CONSERVATION COMMISSION OR THEIR AGENT MUST APPROVE THE FINAL EXCAVATED GRADE. THE CONSISTENCY OF THE INSTALLED SOIL SHOULD BE LOOSE TO FRIABLE. TO ENSURE PROPER CONSISTENCY, ROTOTILLING, OR OTHER EQUIVALENT METHOD SHOULD BE USED. LARGE PROTRUDING ROCKS ENCOUNTERED DURING EXCAVATION MAY BE LEFT IN PLACE TO PROVIDE ADDITIONAL WILDLIFE HABITAT. TO ACHIEVE FINAL GRADES, THE SOURCE OF BACKFILL SHOULD BE APPROVED ORGANIC-RICH TOPSOIL. THE TOPSOIL SHALL BE REASONABLY FREE OF STUMPS, ROOTS, HEAVY OR STIFF CLAY, STONES LARGER THAN ONE INCH IN DIAMETER, LUMPS, COARSE SAND, NOXIOUS WEEDS, STICKS, BRUSH OR OTHER LITTER. IF STOCKPILING OF SOIL IS NECESSARY, MATERIAL MUST BE KEPT WET AND COVERED TO PREVENT LEACHING AND SEDIMENT TRANSPORT. ADDITIONAL ROCKS OR DEAD FILL (LOGS AND STUMPS) MAY BE ADDED TO THE NEW WETLAND AT THE DISCRETION OF THE WETLAND SPECIALIST. ORGANIC-RICH TOPSOIL SHALL BE TRANSPORTED IN VEHICLES THAT HAVE BEEN WASHED SO THAT NO EXOTIC/INVASIVE SEEDS FROM OTHER SITES GET MIXED IN WITH THEM.
- UPON COMPLETION OF THE GRADING WORK AND PRIOR TO INSTALLATION OF PLANTINGS, THE MEDWAY CONSERVATION COMMISSION AND/OR ITS AGENT SHALL BE NOTIFIED IN ORDER TO REVIEW AND ASSESS THE FINISHED GRADES AND CONFIRM THAT THEY ARE SUFFICIENT TO SUSTAIN THE WETLAND REPLICATION, PRIOR TO PLANTING.
- AT LEAST FIVE PERCENT OF THE DOWN LOGS AND BRANCHES OBSERVED WITHIN THE IMPACT AREA WILL BE SET ASIDE. THIS COARSE WOODY DEBRIS WILL BE SCATTERED THROUGHOUT THE RESTORATION AREA ONCE GRADING IS COMPLETED AND BEFORE PLANTING IS STARTED.
- A QUALIFIED WETLAND SPECIALIST SHALL BE ON-SITE DURING EXCAVATION, GRADING, AND PLANTING. FIELD CHANGES, IF NEEDED, SHALL BE MADE ACCORDINGLY.
- THE SUPERVISORY WETLAND SPECIALIST RESERVES THE RIGHT TO ADJUST THE LOCATION OF PLANTINGS DEPENDING ON OBSERVED GROUNDWATER LEVELS.
- PLANTING: THE TIME OF WETLAND PLANTING SHALL BE BETWEEN APRIL 1ST AND MAY 15TH OR BETWEEN SEPTEMBER 1ST AND OCTOBER 15TH. THE TIME OF WETLAND SEEDING SHALL BE PREFERABLY BETWEEN OCTOBER 15TH AND NOVEMBER 15TH OR ALTERNATIVELY BETWEEN APRIL 1ST AND MAY 15TH. SHOULD PLANTING/SEEDING DURING THE ABOVE PREFERABLE TIME PERIODS NOT BE POSSIBLE THEN THE WETLAND SPECIALIST RESERVES THE RIGHT TO REQUIRE SUPPLEMENTAL WATERING OR USING EITHER WATER TRUCKS AND INSTALLATION OF IRRIGATION SYSTEMS FOR THE WETLAND PLANTINGS FOR THE DURATION REQUIRED FOR PLANT GROWTH AND SURVIVAL.
- AT THE TIME OF SEED MIX APPLICATION, THERE SHALL BE NO PONDING.
- AT THE TIME OF PLANTING (HERBACEOUS MATERIAL) THE PONDING ELEVATION SHALL BE NO GREATER THAN THE HEIGHT OF THE PLANT MATERIALS.
- PLANT SOURCE SHALL BE FROM NEW ENGLAND WETLAND PLANTS IN AMHERST, MASSACHUSETTS OR EQUIVALENT.
- SEED WILL BE APPLIED AT THE NEW ENGLAND WETLAND PLANTS' SUGGESTED SEED RATE OF 1 LB/5,000 SF FOR UNDERSTORY PLANTING.
- THE SUPERVISORY WETLAND SPECIALIST SHALL RESERVE THE RIGHT TO REJECT WETLAND PLANT SPECIES UPON DELIVERY BASED UPON PLANT VIGOR/CONDITION, UNAUTHORIZED SUBSTITUTION AND/OR NON CONFORMANCE WITH THE PLANS AND SPECIFICATIONS.
- THE SUPERVISORY WETLAND SPECIALIST SHALL RESERVE THE RIGHT, DEPENDING ON WEATHER CONDITIONS, TO REQUIRE SUPPLEMENTAL WATERING OF WETLAND PLANTINGS AND/OR APPLICATION OF STRAW MULCH FOLLOWING SEEDING.
- IF PLANTING/SEEDING IS NOT POSSIBLE DURING THE DESIGNATED PLANTING/SEEDING SEASON (SEE NOTE 11) THEN, AT THE APPROVAL OF THE WETLAND SPECIALIST, HYDROSEED WITH WINTER RYE WILL BE REQUIRED.
- CHECK WETLAND REPLICATION AREA AFTER THE FIRST GROWING SEASON AND NOTIFY THE CONSERVATION COMMISSION OF SITE CONDITIONS AND ANY FURTHER WORK ITEMS IF NECESSARY. FOR THESE SPECIAL CONDITIONS, A GROWING SEASON STARTS NO LATER THAN MAY 31. AT LEAST 75 PERCENT OVERALL COVERAGE OF THE COMPENSATED SURFACE AREA SHALL BE RE-ESTABLISHED WITH INDIGENOUS WETLAND PLANT SPECIES WITHIN TWO OR MORE GROWING SEASONS.
- THE WETLAND SPECIALIST SHALL PROVIDE THE CONSERVATION COMMISSION WITH A WRITTEN OBSERVATION REPORT AFTER TWO GROWING SEASONS.
- EROSION CONTROL BARRIERS ARE TO BE MAINTAINED THROUGHOUT AND FOLLOWING THE CONSTRUCTION PERIOD AND AFTER SIGNIFICANT RAINFALLS UNTIL THE WETLAND REPLICATION AREA BECOMES STABILIZED AND THEIR REMOVAL HAS BEEN AUTHORIZED IN WRITING BY THE CONSERVATION COMMISSION AND/OR ITS AGENT. DILAPIDATED STRAW BALES AND SILT FENCE SHALL BE REPLACED AS REQUIRED TO MAINTAIN THE INTEGRITY OF THE BARRIER. THE DEVICE AND STRUCTURES SHALL BE DISASSEMBLED AND PROPERLY DISPOSED OF NO LATER THAN NOVEMBER 1, THREE FULL GROWING SEASONS AFTER PLANTING. SEDIMENT COLLECTED BY THESE DEVICES SHALL BE REMOVED AND PLACED UPLAND IN A MANNER THAT PREVENTS ITS EROSION AND TRANSPORT TO A WATERWAY OR WETLAND.



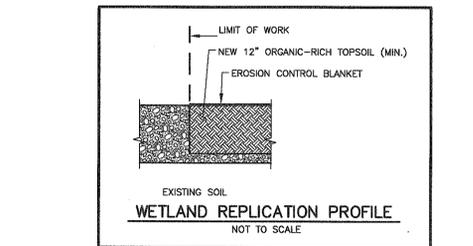
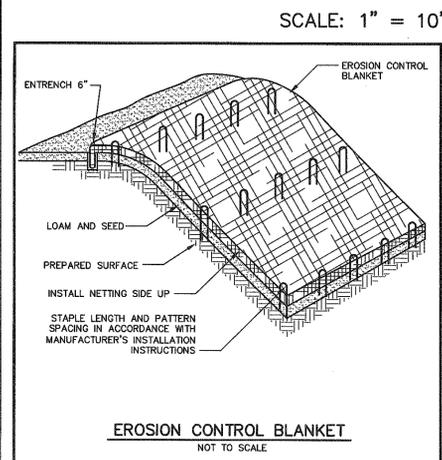
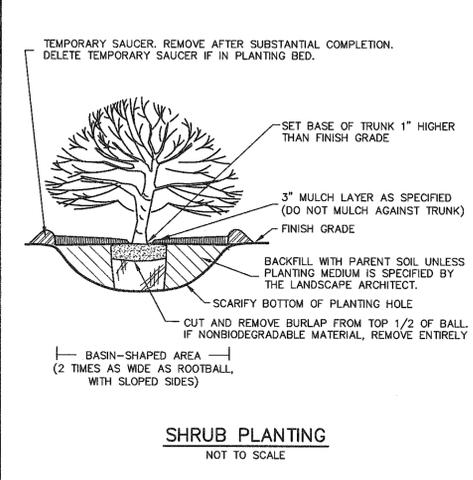
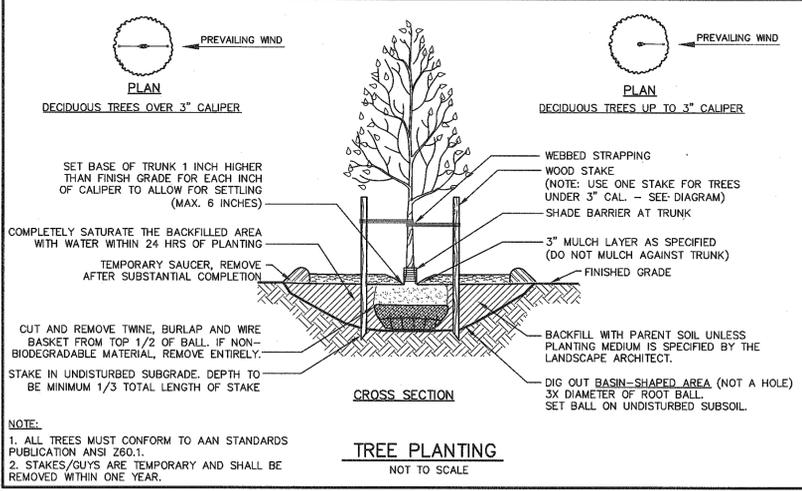
SCRUB SHRUB/ FORESTED WETLAND REPLICATION (500 S.F.) PLANT SCHEDULE				
QUANTITY	BOTANICAL NAME	COMMON NAME	INITIAL SIZE	SPACING
TREES				
4	ACER RUBRUM	RED MAPLE	3-4' HEIGHT	8' O.C.
4	BETULA NIGRA	RIVER BIRCH	3-4' HEIGHT	8' O.C.
SHRUBS				
6	ALNUS INCANA	SPECKLED ALDER	18-24" HEIGHT	6' O.C.
6	CORNUS SERICEA	REDOSIER DOGWOOD	18-24" HEIGHT	6' O.C.
NEW ENGLAND WETMIX (OR EQUIVALENT) AVAILABLE THROUGH NEW ENGLAND WETLAND PLANTS, INC., AMHERST, MA				APPLY 1 LB / 5,000 S.F.



FOR NOTES, REFERENCES AND LEGEND SEE SHEET C1.1 AND C7.2.

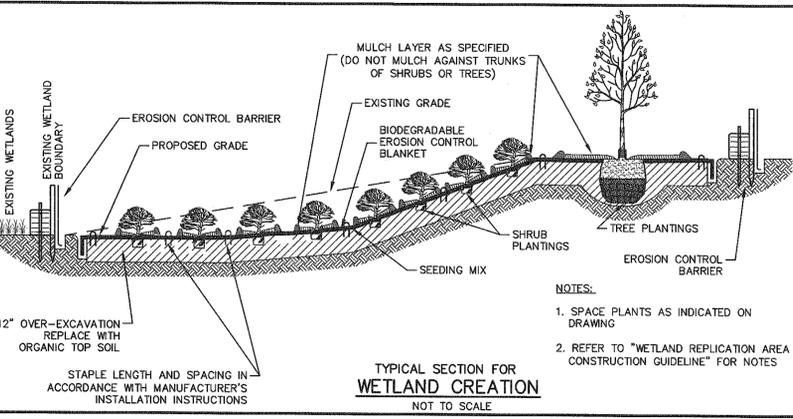
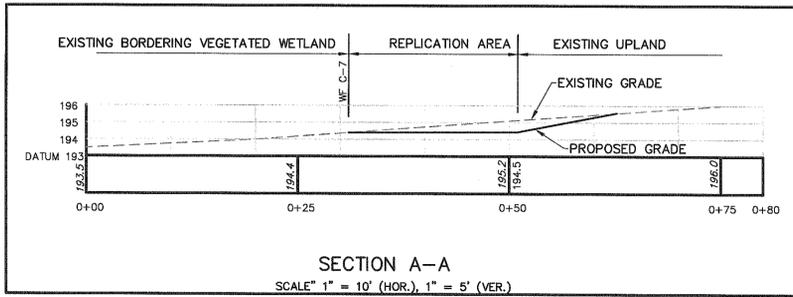
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WETLAND REPLICATION PLAN

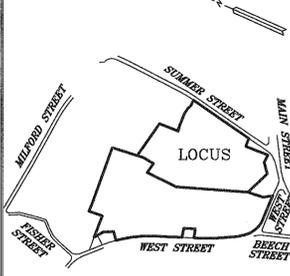
SCALE: 1" = 10'



PREPARED FOR:

**Exelon West
Medway, LLC and
Exelon West
Medway II, LLC**
300 Exelon Way
Kennett Square, PA 19348

LOCUS MAP
NOT TO SCALE



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BEALS AND THOMAS, INC.
Reservoir Corporate Center
144 Turnpike Road
Southborough, Massachusetts 01772-2104
T 508.366.0560 | www.btiweb.com

5			
4			
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0	04/21/2016 FIRST ISSUE		
ISSUE DATE	DESCRIPTION		
DES	DWN	CHK'D	APP'D

PROJECT:

**WEST MEDWAY II
FACILITY**
MEDWAY, MASSACHUSETTS

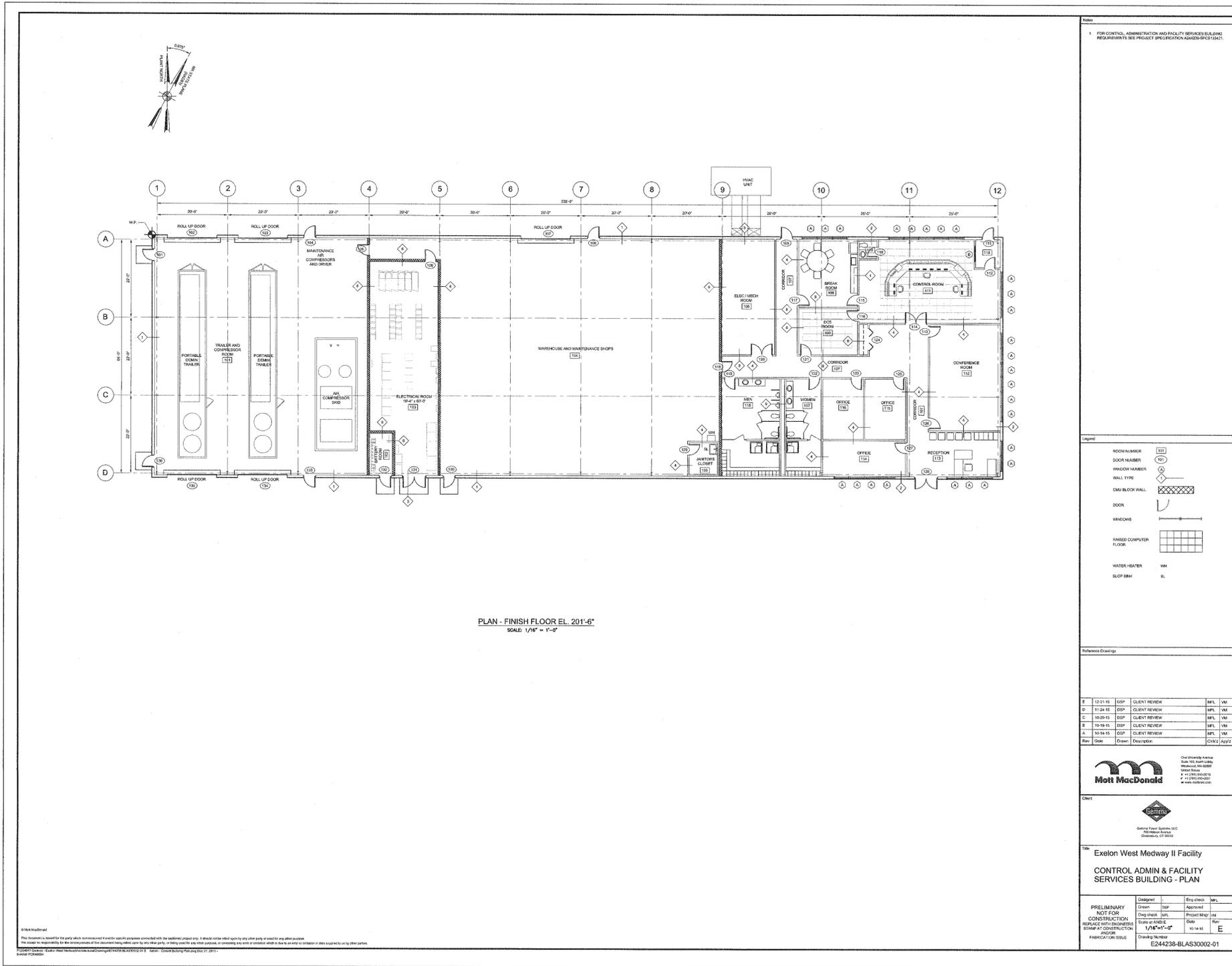
SCALE: 1" = 40' DATE: FEBRUARY 09, 2016
METERS
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0 20 40 80 120
FEET

**WETLAND
REPLICATION PLAN**

B+T JOB NO. 142210
B+T PLAN NO.
142210P0188-004

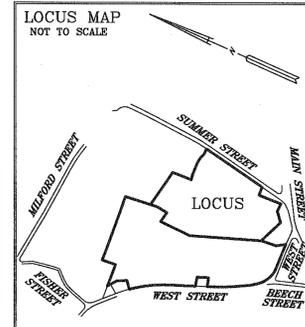
C10.1





PREPARED FOR:

Exelon West Medway, LLC and Exelon West Medway II, LLC
300 Exelon Way
Kennett Square, PA 19348



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0	02/09/2016 FIRST ISSUE		
ISSUE DATE	DESCRIPTION		
DES	DWN	CHK'D	APP'D

PROJECT:
WEST MEDWAY II FACILITY
MEDWAY, MASSACHUSETTS

SCALE: AS NOTED DATE: FEBRUARY 09, 2016

CONTROL ADMIN + FACILITY SERVICE BUILDING PLAN

B+T JOB NO. 1422.10
B+T PLAN NO. 142210P015B-003

A11



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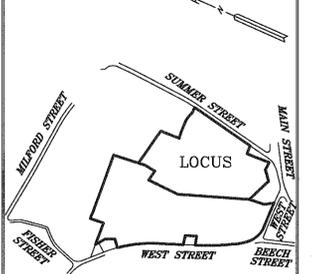
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PREPARED FOR:

Exelon West Medway, LLC and Exelon West Medway II, LLC

300 Exelon Way
Kennett Square, PA 19348

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1	04/21/2016 FOR DATE ONLY
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ISSUE DATE	DESCRIPTION
DES	DWN
CHK'D	APP'D

PROJECT:
WEST MEDWAY II FACILITY
MEDWAY, MASSACHUSETTS

SCALE: AS NOTED DATE: FEBRUARY 09, 2016

CONTROL ADMIN + FACILITY SERVICE BUILDING ELEVATION

B+T JOB NO. 1422.10

B+T PLAN NO. 142210P015B-004

A1.2

Notes:
1. ADDITIONAL LOUVERS SHALL BE PROVIDED TO MEET THE HEATING AND VENTILATION REQUIREMENTS OF THE BUILDING.

Legend:
ACT ARCHITECTURAL CEILING TILE

Reference Drawings:

REV	Date	Drawn	Description	CR	APP'D
0	12-21-15	DSP	CLIENT REVIEW	MFL	SSK
1	11-24-15	DSP	CLIENT REVIEW	MFL	SSK
2	10-20-15	DSP	CLIENT REVIEW	MFL	SSK
3	10-12-15	DSP	CLIENT REVIEW	MFL	SSK

Project Information:
Title: Exelon West Medway II Facility
Control Admin and Facility Services Building - Elevations

Approval Table:

Designated	Design	Eng	Arch
PRELIMINARY	Design	DSP	Approved
NOT FOR CONSTRUCTION	Design	DATE	Project Manager
REVISIONS	Scale or ANS/E	Date	Rev
STAMP AT CONSTRUCTION	DATE	DATE	DATE
APPROVE	DATE	DATE	DATE

Manufacturer/Issue: E244238-BLAS30002-02



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