

October 31, 2016

Ms. Melanie Bachman
Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: Petition No. 1183 – Wallingford Energy II, LLC: Minor Project Changes

Dear Ms. Bachman:

Provided as the enclosed are the plan drawings issued for construction for the installation of two 50 MW peaking units at an existing generation facility in Wallingford, Connecticut, as is detailed in the above referenced Project. Pursuant to Section 16-50j-62(b) of the Regulations of Connecticut State Agencies and in accordance with the Petition for Declaratory Ruling approved on November 12, 2015 and the Connecticut Siting Council's approval of the related Development & Management Plan on September 30, 2016, Wallingford Energy II, LLC ("WE II") hereby provides written notification to the Connecticut Siting Council for the minor Project modifications detailed herein.

Water Line

In consultation with the Town of Wallingford Water and Sewer Division the water line previously planned to be re-routed around the northern end of the Project site will now be tapped from a location along ThermoSpas access road and routed along the western access road. This routing modification will result in a new hydrant being installed on the western side of the new site access road. The details of this minor modification are presented in the enclosed General Site Utility Plan.

Wastewater Tank

The existing wastewater tank is planned to be abandoned in accordance with all applicable laws and regulations. A new above ground tank will be installed at the location shown in the Site

Layout Plan provided herein as part of the enclosed. This will avoid any unnecessary disruption to the adjoining entities during their active operations.

Landscaping

The Landscaping Plan provided within the submitted and approved Development and Management Plan has been updated and replaced with the enclosed General Site Screening Plan. The details presented in the noted screening plan significantly parallel those within the previous landscaping plan and similarly serve to detail how the area will be landscaped.

Auxiliary Equipment

The General Site Layout Plan, provided within the enclosed, provides the location for minor auxiliary equipment not previously detailed in prior drawings. Specifically this equipment is the fuel gas coalescing skids and 480-V switchgear for units 6 & 7.

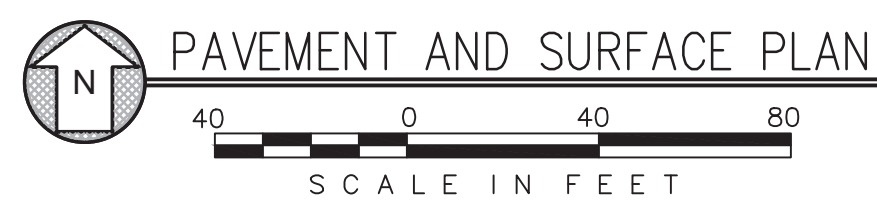
If you have any additional questions or wish to discuss please feel free to contact me at (636) 532-2200 or bpollpeter@lspower.com.

Sincerely,

A handwritten signature in dark ink, appearing to read "B. Pollpeter", written in a cursive style.

Brandon Pollpeter

Enclosed (1) – Plan Drawings Issued for Construction



- ## PAVEMENT KEYNOTES:
1. INSTALL 6" CRUSHED ROCK SURFACE
 2. INSTALL 3 1/2" ASPHALTIC CONCRETE PAVEMENT
 3. INSTALL 30' SWING GATE
 4. INSTALL 35 LF SITE SECURITY FENCE
 5. INSTALL GUIDE RAIL
 6. INSTALL BOLLARD
 7. INSTALL MAN GATE
 8. INSTALL ASPHALTIC CONCRETE CURB

PROTECTION KEYNOTES:

- 1 SANITARY MANHOLE COVERS

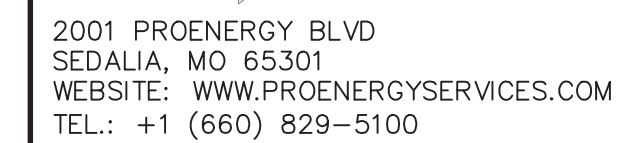
PAVEMENT NOTES:

1. PROPOSED CONTOURS LIGHTENED FOR CLARITY. REFERENCE GRADING PLAN DRAWING FOR PROPOSED CULVERTS AND CONTOURS.
2. PRIOR TO PLACING CONCRETE, CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AND ELEVATIONS AND COMPARE TO PROPOSED PAVEMENT PLANS WITH OWNER'S CONSTRUCTION REPRESENTATIVE.
3. EXISTING PAVEMENT ADJACENT TO PROPOSED ASPHALT OR CONCRETE SHALL BE CUT ALONG NEAT LINES. MINIMUM ONE FOOT FROM THE EDGE WITH FULL DEPTH SAW CUT AND REMOVED.



Sega Inc. – Connecticut State Certificate of Authority #

PROJECT LOCATION:
WALLINGFORD, NEW HAVEN CO., CONNECTICUT



0	9-26-16	ISSUED FOR CONSTRUCTION	BRG	APA
REV.	DATE	DESCRIPTION	DWN	CHK



AARON P. ARMBRECHT, ENGINEER, PE # 31857

WALLINGFORD
ENERGY II, LLC

PLANT NAME: _____

WALLINGFORD ENERGY FACILITY

PROJECT TITLE:	
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GENERAL SITE
PAVEMENT AND SURFACE PLAN

DESIGN BY: A. ARMBRECHT	CHECKED BY: A. ARMBRECHT
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DRAWN BY: B. GARGOTTA	DATE: 8-1-16
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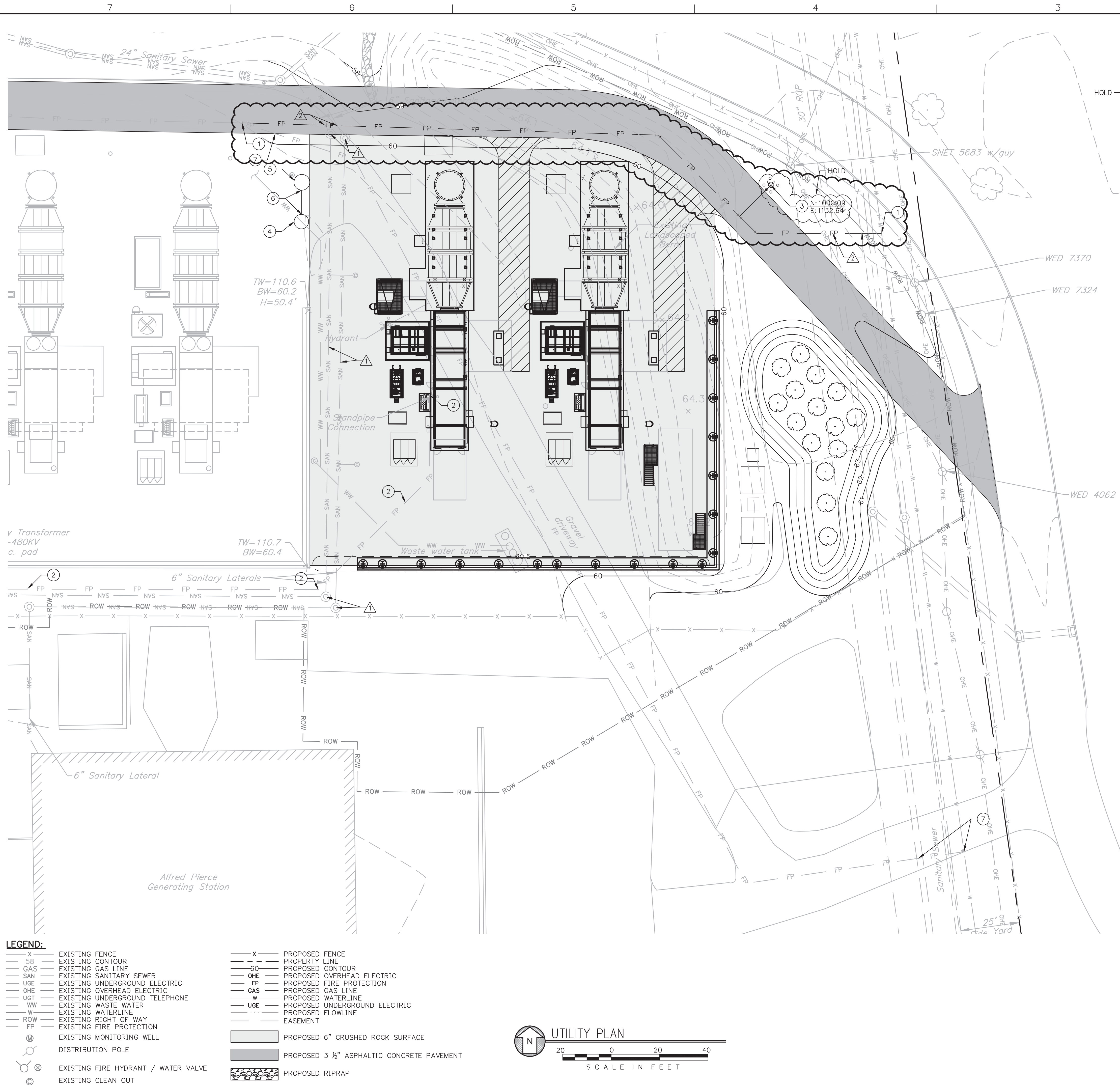
CLIENT I.D. PR0001.01	SEGA PROJECT NO. 16-167
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CADD FILE NAME: 00-C120.dwg

AREA NO.	DRAWING NO.	REV.
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AREA NO.	DRAWING NO.	REV.
00	C120	0





- UTILITY KEYNOTES:**
1. INSTALL 294 LF OF 10" DUCTILE FIRE PROTECTION PIPE LOOP, 2-45' BENDS, 6"x10" TEE, AND 10"x10" TEE. FIELD LOCATE, MATCH MATERIAL AND MATCH EXISTING DEPTH. INSTALL 10" SOLID SLEEVE AND 10" DIAMETER GATE VALVE AND VALVE BOX AT BOTH CONNECTIONS.
 2. FIELD LOCATE AND INSTALL EXISTING FIRE DEPARTMENT STAND PIPE CONNECTION AND VALVE BOX NEAR EAST STREET (NOT SHOWN ON THIS DRAWING) AND MATCH EXISTING DEPTH. FINAL LOCATIONS PENDING APPROVAL BY THE TOWN OF WALLINGFORD FIRE PROTECTION BUREAU AND FIRE MARSHAL.
 3. RELOCATE 6" DUCTILE IRON FIRE PROTECTION PIPE, FIRE HYDRANT, AND VALVE BOX PER FIRE MARSHAL.
 4. INSTALL 6" DIA. STANDARD CONCRETE MANHOLE WITH APPROXIMATE INVERT ELEVATION OF 54.50' AND INTERCEPT EXISTING 4" PVC WASTEWATER PIPE. TOP ELEVATION OF 60.00'.
 5. INSTALL 5,000 GALLON ABOVEGROUND WASTEWATER TANK AND CONTROLS. SEE MECHANICAL DRAWINGS FOR DETAILS.
 6. INSTALL 10 LF OF 4" SCH 80 PVC WASTEWATER PIPE TO CONNECT SUMP PUMP TO ABOVEGROUND TANK. SEE MECHANICAL DRAWINGS FOR DETAILS.
 7. ABANDON OR DEMOLISH EXISTING FIRE PROTECTION LINE. CONTRACTOR TO CAP LINE AT WATER MAIN PER TOWN OF WALLINGFORD WATER DIVISION SPECIFICATIONS.

- PROTECTION KEYNOTES:**
1. 2 - 6" SANITARY SEWER PIPES AND MANHOLE COVERS
 2. VERIFY REQUIRED MINIMUM VERTICAL CLEARANCES ARE MET BETWEEN EXISTING SANITARY PIPES AND PROPOSED FIRE PROTECTION LINE

- UTILITY NOTES:**
1. ALL UTILITIES ARE SHOWN BASED ON EXISTING PLANT DRAWINGS AND TOPOGRAPHIC SURVEY. THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF THE DATA AND NO EXPRESSED OR IMPLIED GUARANTEE IS GIVEN OF THE INTERPRETATION THEREOF.
 2. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED.
 3. CONTRACTOR SHALL PERFORM FIELD INVESTIGATION AS REQUIRED TO LOCATE UTILITIES IN THE AREA THAT WORK IS TO BE PERFORMED.
 4. A COATED COPPER CLAD STEEL TRACER WIRE OF #12 GAUGE SHALL BE INSTALLED WITH EACH UNDERGROUND UTILITY. TRACER WIRE SHALL NOT BE WRAPPED AROUND PIPE EXCEPT AT RISER AND INSTALLED WITH AS FEW CONNECTIONS AS POSSIBLE. A MINIMUM 2' OF ADDITIONAL TRACER WIRE WILL BE COILED AT EACH END.
 5. REFERENCE MECHANICAL DRAWINGS FOR FIRE PROTECTION PIPE SPECIFICATIONS.
 6. ALL TRENCHES SHALL BE BACKFILLED IN UNIFORM LIFTS AND COMPACTED IN ACCORDANCE WITH GENERAL NOTES ON Y100.
 7. VALVES SHALL BE INSTALLED AT LOCATIONS TO BE DETERMINED BY THE WALLINGFORD WATER DIVISION IN ORDER TO FACILITATE TESTING OF THE NEW MAIN.
 8. LOCATION OF THE FIRE HYDRANT AND FIRE DEPARTMENT CONNECTION SHOULD BE REVIEWED AND APPROVED BY THE FIRE MARSHAL.
 9. TESTING AND DISINFECTION OF FIRE PROTECTION LINE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF WALLINGFORD WATER DIVISION.
 10. POLYVINYL CHLORIDE (PVC) PRESSURE PIPE SHALL MEET THE REQUIREMENTS OF ANWWA 100. 1/4 TURN VALVE SHALL BE COMPATIBLE WITH SANITARY SEWER PIPING MATERIAL TO ALLOW ISOLATION OF LINE FOR SERVICE OF METER.
 11. ALL SURPLUS EXCAVATION MATERIAL NOT USED IN THE BACKFILL SHALL BE DISPOSED OF BY THE CONTRACTOR, AT A LOCATION ON SITE AND APPROVED BY OWNER. UPON RECEIPT OF WRITTEN NOTICE FROM THE OWNER, ANY SETTLEMENT OF THE BACKFILL BELOW THE ORIGINAL GROUND SURFACE SHALL BE REMEDIED BY THE CONTRACTOR FOR A PERIOD OF SIX (6) MONTHS AFTER FINAL COMPLETION AND ACCEPTANCE.
 12. ALL EXISTING SEWER MAINS AND SERVICES SHALL REMAIN IN SERVICE THROUGH THE DURATION OF CONSTRUCTION.
 13. SEWERS ADJACENT TO WATER MAINS MUST BE AT LEAST 10'-0" HORIZONTALLY FROM ANY PROPOSED WATER MAIN, SHOULD CONDITIONS EXIST WHICH WOULD PREVENT A LATERAL SEPARATION OF 10'-0". A SEWER MAY BE CLOSER THAN 10'-0" TO A WATER MAIN PROVIDED THAT THE WATER MAIN INVERT IS AT LEAST 1'-6" ABOVE THE CROWN OF THE SEWER, AND IS EITHER IN A SEPARATE TRENCH OR IN THE SAME TRENCH ON AN UNDISTURBED EARTH SHELF LOCATED TO ONE SIDE OF THE SEWER. IF IT IS IMPOSSIBLE TO OBTAIN PROPER HORIZONTAL AND VERTICAL SEPARATION AS DESCRIBED ABOVE, BOTH THE WATER MAIN AND SEWER MUST BE DUCTILE IRON PIPE ANSI A 21.51, JOINTS ANSI A 21.11.
 14. SEWERS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 1'-6" BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL BE THE CASE WHERE THE WATER IS ABOVE THE SEWER. THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE WATER MAIN JOINTS. WHEN IT IS IMPOSSIBLE TO OBTAIN PROPER VERTICAL SEPARATION AS STIPULATED ABOVE, OR THE SEWER IS ABOVE THE WATER MAIN, THE SEWER SHALL BE DUCTILE IRON PIPE, CONSTRUCTED EQUAL TO WATER MAIN PIPE, AND SHALL BE PRESSURE TESTED TO ASSURE THE WATERTIGHTNESS PRIOR TO BACKFILLING.
 15. WHENEVER THE DETAILS SHOWN ON THE DRAWINGS DIFFER FROM THE STANDARD SPECIFICATIONS, THE MORE STRICT SHALL GOVERN.
 16. MINIMUM DEPTH OF COVER SHALL BE 4 FEET UNLESS OTHERWISE NOTED.
 17. NO BEND LARGER THAN 45 DEGREES SHALL BE USED. PIPE WILL BE REQUIRED TO BE RESTRAINED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TOWN OF WALLINGFORD WATER DIVISION.

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2	10-24-16	REISSUED FOR CONSTRUCTION	BRG	APA
1	10-6-16	REISSUED FOR CONSTRUCTION	BRG	APA
0	9-26-16	ISSUED FOR CONSTRUCTION	BRG	APA
REV.	DATE	DESCRIPTION	DWN	CHK

STATE OF CONNECTICUT
AARON P. ARMBRECHT, ENGINEER, PE # 31857

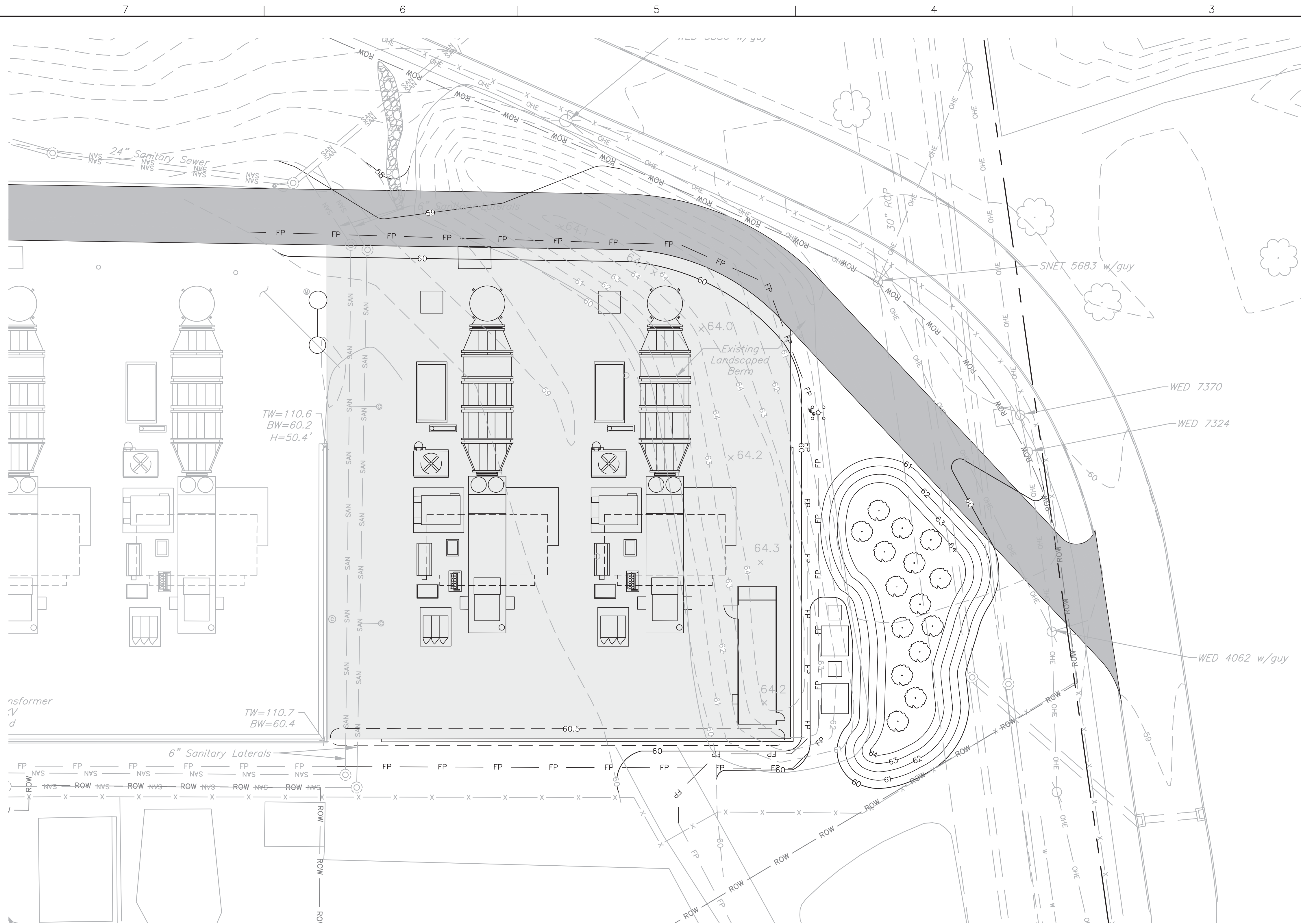
WALLINGFORD ENERGY II, LLC

PLANT NAME:
WALLINGFORD ENERGY FACILITY

PROJECT TITLE:
WALLINGFORD ENERGY FACILITY EXPANSION PROJECT

GENERAL SITE
UTILITY PLAN

DESIGN BY: A. ARMBRECHT	CHECKED BY: A. ARMBRECHT
DRAWN BY: B. GARGOTTA	DATE: 8-1-16
CLIENT I.D. PRO001.01	SEGA PROJECT NO. 16-167
CADD FILE NAME: 00-C200.dwg	
AREA NO. 00	DRAWING NO. C200
	REV. 2



GRADING AND DRAINAGE PLAN

SCALE IN FEET

LEGEND:

- | | | | |
|-------|-------------------------------------|-------|---|
| —X— | EXISTING FENCE | —X— | PROPOSED FENCE |
| —58— | EXISTING CONTOUR | —60— | PROPOSED CONTOUR |
| —GAS— | EXISTING GAS LINE | —OHE— | PROPOSED OVERHEAD ELECTRIC |
| —SAN— | EXISTING SANITARY SEWER | —FP— | PROPOSED FIRE PROTECTION |
| —UGE— | EXISTING UNDERGROUND ELECTRIC | —GAS— | PROPOSED GAS LINE |
| —OHE— | EXISTING OVERHEAD ELECTRIC | —W— | PROPOSED WATERLINE |
| —UGT— | EXISTING UNDERGROUND TELEPHONE | —UGE— | PROPOSED UNDERGROUND ELECTRIC |
| —WW— | EXISTING WASTE WATER | — | PROPOSED FLOWLINE |
| —W— | EXISTING WATERLINE | — | EASEMENT |
| —ROW— | EXISTING RIGHT OF WAY | — | PROPOSED 6" CRUSHED ROCK SURFACE |
| —FP— | EXISTING FIRE PROTECTION | — | PROPOSED 3 1/2" ASPHALTIC CONCRETE PAVEMENT |
| ⊕ | EXISTING MONITORING WELL | ⊕ | PROPOSED RIPRAP |
| ⊙ | DISTRIBUTION POLE | ⊙ | SPOT GRADE |
| ⊕⊙ | EXISTING FIRE HYDRANT / WATER VALVE | | |
| ⊙ | EXISTING CLEAN OUT | | |

GRADING NOTES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE TOWN OF WALLINGFORD AND CONNECTICUT DEPARTMENT OF TRANSPORTATION (CT-DOT) LATEST EDITIONS.
- EROSION CONTROL STRUCTURES SHALL BE CONSTRUCTED PRIOR TO GRADING ACTIVITIES.
- MATCH GRADES AT EXISTING IMPROVEMENTS.
- PROVIDE POSITIVE SLOPE DRAINAGE AWAY FROM ALL SITE STRUCTURES AND FOUNDATIONS. CONTRACTOR IS RESPONSIBLE TO GRADE PROTECT TO MAINTAIN DRAINAGE, NO WATER SHALL POND.
- CONTRACTOR SHALL SET CONSTRUCTION STAKING TO VERIFY PROJECT EXTENTS IF PROPERTY CORNERS HAVE NOT BEEN ESTABLISHED.
- SITE GRADES SHOWN ARE FINISH GRADES. CONTRACTOR SHALL GRADE TO SUBGRADE AND GRADE TO DRAIN.
- ALL STORM SEWER STRUCTURES INCLUDING GRATES, FRAMES AND MANHOLES UTILIZED ON-SITE SHALL BE TRAFFIC RATED FOR AASHTO HS-20 LOADING.
- PIPE LENGTHS EXCLUDE END SECTIONS AND ARE MEASURED ALONG CENTERLINE OF PIPE FROM CENTER OF INSIDE FACE TO CENTER OF INSIDE FACE OF STRUCTURES.
- NORTHING AND EASTING COORDINATES FOR MANHOLES, AREA INLETS, FIELD INLETS, AND JUNCTION BOXES ARE MEASURED TO CENTER OF STRUCTURE.
- NORTHING AND EASTING COORDINATES FOR END SECTIONS ARE MEASURED TO FARTHEST EDGE OF THE END SECTION AT PIPE CENTERLINE.
- ALL NEW AND EXISTING STORMWATER STRUCTURES (CULVERTS, INLETS, MANHOLES, ETC.) ARE TO BE CLEANED, REMOVING ANY DEBRIS, SILT, SEDIMENTATION AND ALL OTHER OBSTRUCTIONS PROVIDING A CLEAR FLOW PATH FOR DRAINAGE. IF STRUCTURE IS DAMAGED BEYOND REPAIR, REMOVE UNREPAIRABLE SECTION AND REPLACE.
- STORM SEWER MANHOLE SHALL MEET CT-DOT STANDARDS AND SPECIFICATIONS.
- PROPOSED STORM SEWER LINES SHALL BE CLASS III RCP, UNLESS OTHERWISE SPECIFIED ON THE PLAN.
- ALL RCP JOINTS SHALL BE SOIL TIGHT. ALL STRUCTURE CONNECTIONS SHALL BE WATER TIGHT.
- ALL CONCRETE STORM STRUCTURES SHALL HAVE A SMOOTH UNIFORM POURED MORTAR FLOOR FROM INVERT IN TO INVERT OUT.
- SLOPES SHALL BE MADE AT 3:1 MAXIMUM GRADE (H:V).
- DRAINAGE CHANNELS SHALL BE MINIMUM 5' FLAT BOTTOM AND SHALL HAVE A 3:1 SIDE SLOPE.
- CULVERT PIPES SHALL HAVE MINIMUM 12" OF COVER.



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Sega Inc. - Connecticut State Certificate of Authority #

PROJECT LOCATION:
WALLINGFORD, NEW HAVEN CO., CONNECTICUT



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REV.	DATE	DESCRIPTION	DWN	CHK



AARON P. ARMBRECHT, ENGINEER, PE # 31857

WALLINGFORD
ENERGY II, LLC

PLANT NAME:
WALLINGFORD ENERGY FACILITY

PROJECT TITLE:
WALLINGFORD ENERGY FACILITY EXPANSION PROJECT

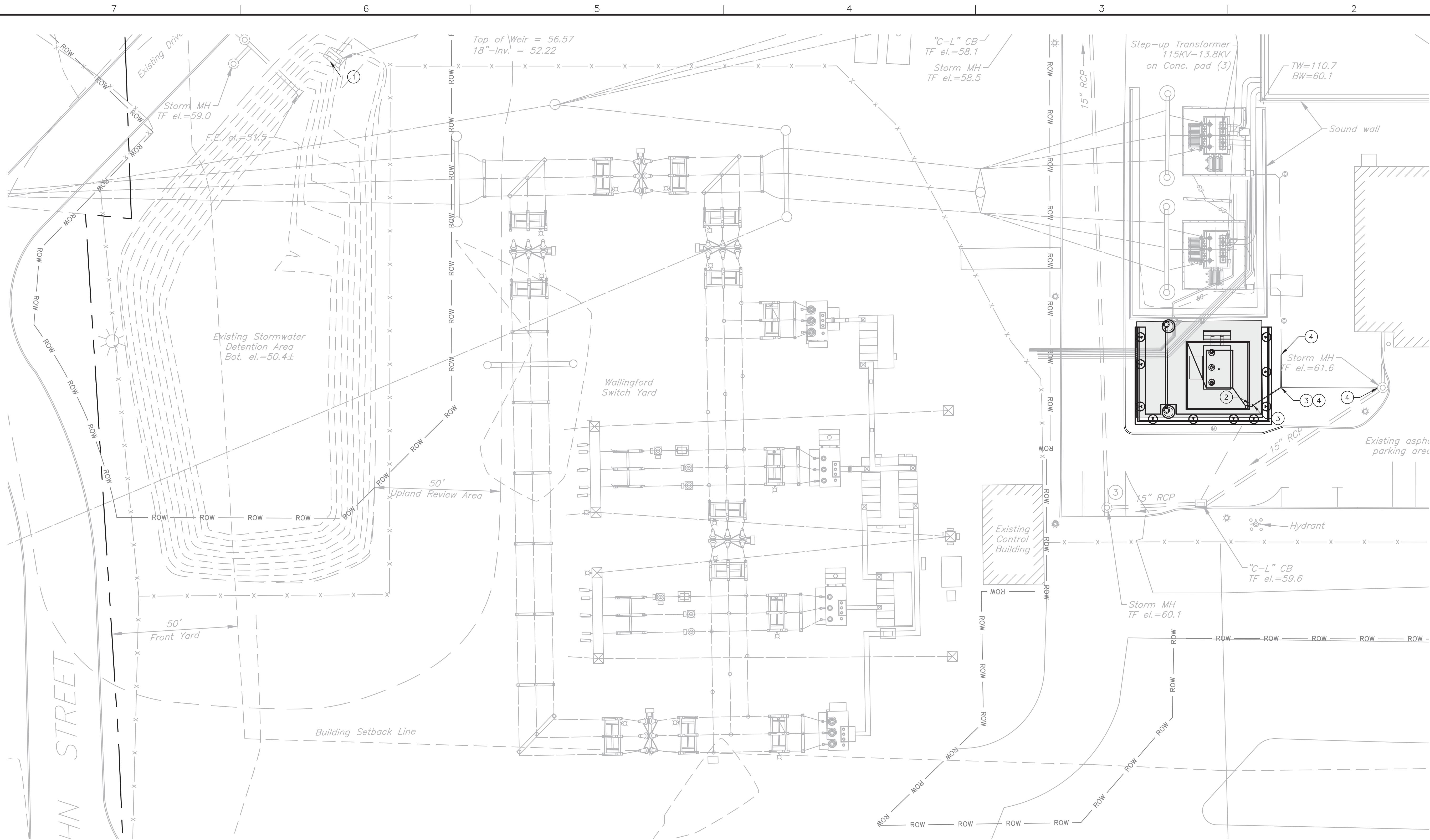
GENERAL SITE
GRADING AND DRAINAGE PLAN

DESIGN BY: A. ARMBRECHT	CHECKED BY: A. ARMBRECHT
DRAWN BY: B. GARGOTTA	DATE: 8-1-16
CLIENT I.D. PRO001.01	SEGA PROJECT NO. 16-167

CADD FILE NAME: 00-C300.dwg




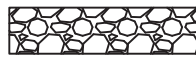



AREA NO. 00	DRAWING NO. C300	REV. 0
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 **GRADING AND DRAINAGE PLAN**
20 0 20 40
SCALE IN FEET

LEGEND:

—X—	EXISTING FENCE	—X—	PROPOSED FENCE
—SB—	EXISTING CONTOUR	—60—	PROPOSED CONTOUR
—GAS—	EXISTING GAS LINE	—OHE—	PROPOSED OVERHEAD ELECTRIC
—SAN—	EXISTING SANITARY SEWER	—FP—	PROPOSED FIRE PROTECTION
—UGE—	EXISTING UNDERGROUND ELECTRIC	—GAS—	PROPOSED GAS LINE
—OHE—	EXISTING OVERHEAD ELECTRIC	—W—	PROPOSED WATERLINE
—UGT—	EXISTING UNDERGROUND TELEPHONE	—UGE—	PROPOSED UNDERGROUND ELECTRIC
—WW—	EXISTING WASTE WATER	—	PROPOSED FLOWLINE
—W—	EXISTING WATERLINE	—	EASEMENT
—ROW—	EXISTING RIGHT OF WAY		PROPOSED 6" CRUSHED ROCK SURFACE
—FP—	EXISTING FIRE PROTECTION		PROPOSED 3 1/2" ASPHALTIC CONCRETE PAVEMENT
	EXISTING MONITORING WELL		PROPOSED RIPRAP
	DISTRIBUTION POLE		
	EXISTING FIRE HYDRANT / WATER VALVE		
	EXISTING CLEAN OUT		

KEYNOTES:

- 1 CLOSE EXISTING NORTHWEST WEIR OPENING WITH BRICK AND MORTAR AND CREATE VEE NOTCH WEIR FOR EXISTING SOUTHEAST OPENING WITH BRICK AND MORTAR. SEE FIGURE 2 FROM GODFREY HOFFMAN STORMWATER MANAGEMENT REPORT.
- 2 INSTALL TRANSFORMER CONTAINMENT SUMP VALVE BOX. SEE STRUCTURAL DRAWINGS FOR DETAILS
- 3 INSTALL 3" SCH 80 PVC DRAIN PIPE FROM VALVE BOX AT INVERT EL. 59.92' AND FIELD LOCATE CONNECTION TO EXISTING 4" DRAIN LINE. MATCH EXISTING DEPTH.
- 4 INSTALL 4" SCH 80 PVC DRAIN PIPE CONNECTING EXISTING PIPE TO EXISTING STORMWATER MANHOLE, VERIFY EXISTING MANHOLE INVERT ELEVATION, MAINTAIN GRAVITY FLOW.



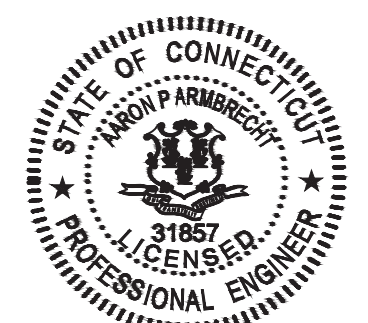
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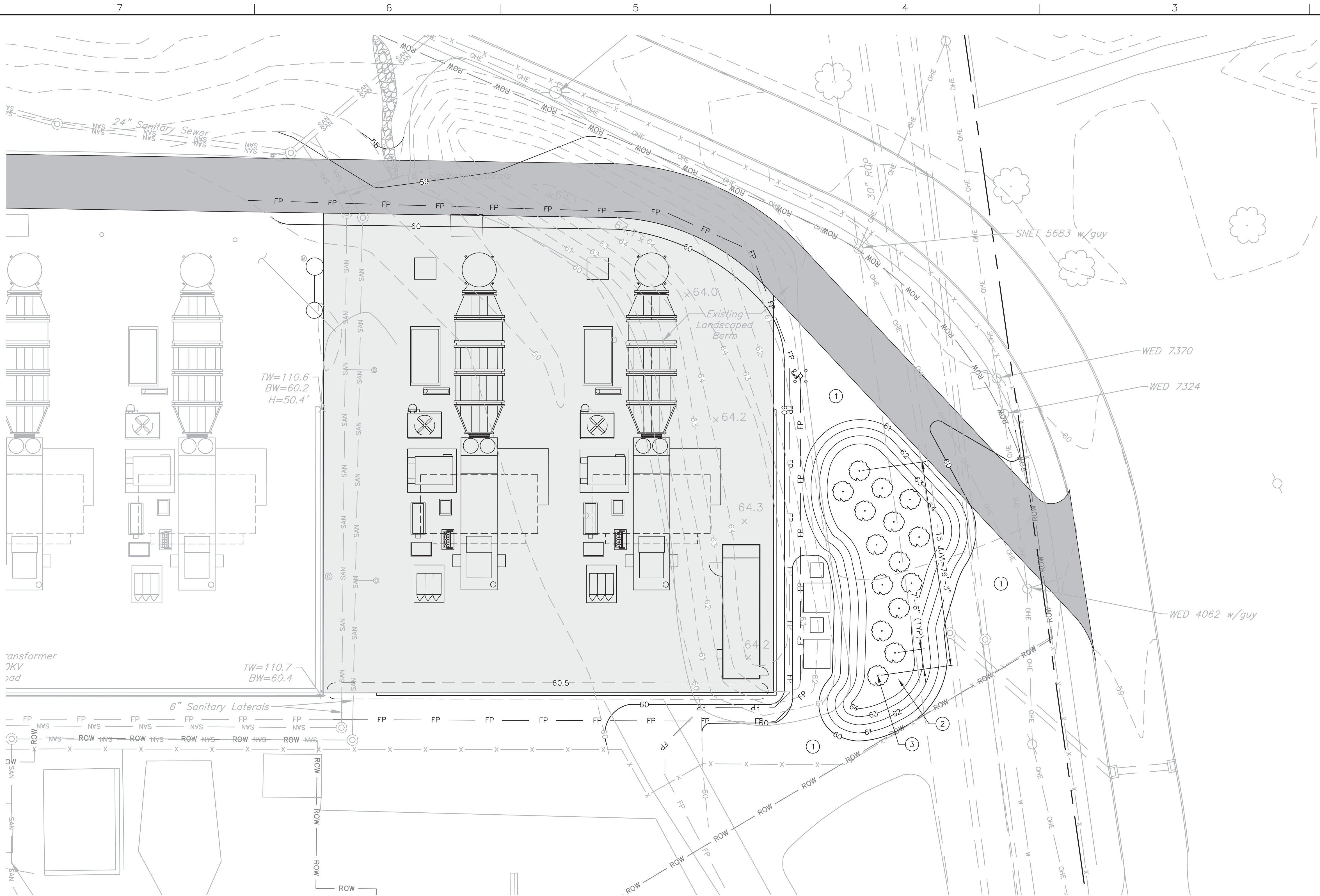
PROJECT TITLE:
WALLINGFORD ENERGY FACILITY EXPANSION PROJECT

GENERAL SITE
DETENTION BASIN OUTLET STRUCTURE

DESIGN BY: A. ARMBRECHT	CHECKED BY: A. ARMBRECHT
DRAWN BY: B. GARGOTTA	DATE: 8-1-16
CLIENT I.D. PRO001.01	SEGA PROJECT NO. 16-167

CADD FILE NAME: 00-C301.dwg

AREA NO. 00	DRAWING NO. C301	REV. 0
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- SCREENING NOTES:**
1. PLANTING REQUIRED FOR THIS WORK SHALL INCLUDE: PROCUREMENT, STORAGE, AND PROTECTION OF ALL LISTED TREES, SHRUBS, HERBACEOUS PLANTING STOCK, SEED AND SOD.
 2. LOCATE ALL UTILITIES BEFORE SCREENING CONSTRUCTION BEGINS.
 3. CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES PRIOR TO PLANTING. ANY DISCREPANCIES WITH THE PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER.
 4. ALL PLANTING AREAS SHALL BE POWER-EDGED.
 5. PREPARE PLANTING BED TO A DEPTH OF EIGHT INCHES, SPREAD WITH TWO INCHES OF PEAT MOSS. TREAT WITH PRE-EMERGENT HERBICIDE, APPLY FERTILIZER, "COMPLETE" WITH AN ANALYSIS OF 1:2:1 AT THE RATE OF 5LBS./100SF.
 6. SHREDDED HARDWOOD BARK MULCH SHALL BE USED AS A THREE INCH TOP DRESSING IN ALL PLANT BEDS AND AROUND TREES. SINGLE TREES OR SHRUBS SHALL BE MULCHED TO THE OUTSIDE EDGE OF THE SAUCER.
 7. ALL TREES SHALL BE STAKED WITH A MINIMUM OF 3 STAKES.
 8. ALL DISTURBED AREAS NOT DESIGNATED FOR OTHER PLANTINGS OR MATERIAL SHALL BE SEEDED WITH A PERMANENT NATIVE WARM SEASON GRASS. NATIVE WARM SEASON GRASS SHALL BE CONNECTICUT DEPARTMENT OF TRANSPORTATION HARD FESCUE WITH A COVER CROP OF PERENNIAL RYEGRASS OR APPROVED EQUAL.
 9. REMOVE AND DISPOSE OF ALL EROSION CONTROL WITHIN 30 DAYS AFTER PERMANENT GROUND COVER IS ESTABLISHED AND SITE IS STABILIZED. SEE EROSION CONTROL PLAN.
 10. RELOCATE OR REPLACE EXISTING IRRIGATION PIPING SYSTEM AND SPRINKLER HEADS IN KIND AS NECESSARY TO ACCOMMODATE THE PROJECT (BY OTHERS).

- SCREENING KEYNOTES:**
- ① INSTALL TOPSOIL TO FINISHED GRADE, GRADE TO DRAIN, AND SEED
 - ② INSTALL APPROXIMATELY 5' TALL SCREENING BERM (#540 C.Y. FILL)
 - ③ INSTALL NEW PLANTING ACCORDING TO THE LEGEND, SEE SITE DETAILS

- SCREENING LEGEND:**
- EASTERN RED CEDAR



LEGEND:

- X EXISTING FENCE
- 58 EXISTING CONTOUR
- GAS EXISTING GAS LINE
- SAN EXISTING SANITARY SEWER
- UGE EXISTING UNDERGROUND ELECTRIC
- OHE EXISTING OVERHEAD ELECTRIC
- UGT EXISTING UNDERGROUND TELEPHONE
- WW EXISTING WASTE WATER
- W EXISTING WATERLINE
- ROW EXISTING RIGHT OF WAY
- FP EXISTING FIRE PROTECTION
- ⊕ EXISTING MONITORING WELL
- ⊙ DISTRIBUTION POLE
- ⊕⊙ EXISTING FIRE HYDRANT / WATER VALVE
- ⊙ EXISTING CLEAN OUT

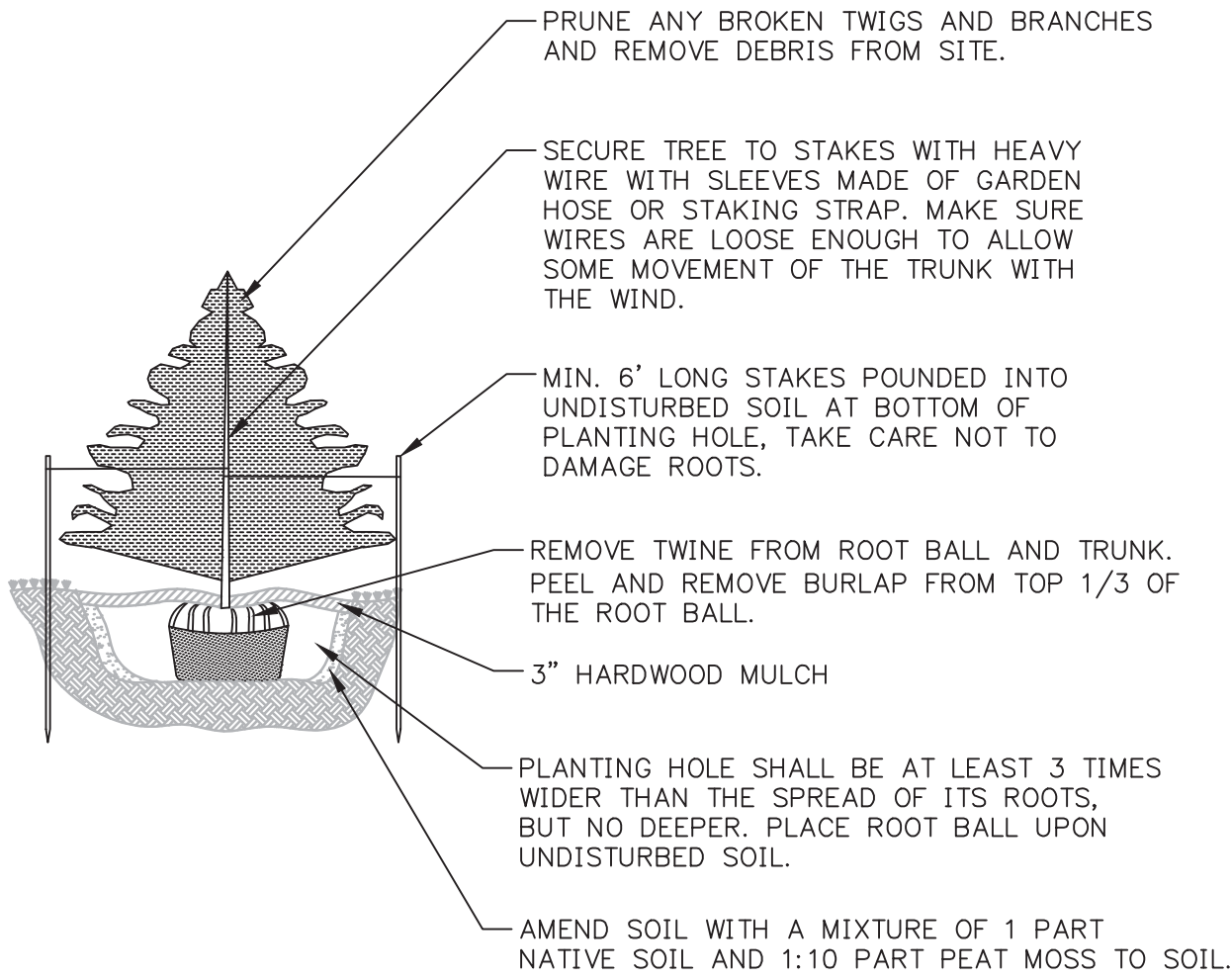
SCREENING PLAN

20 0 20 40

SCALE IN FEET

- X PROPOSED FENCE
- 58 PROPOSED PROPERTY LINE
- 60 PROPOSED CONTOUR
- OHE PROPOSED OVERHEAD ELECTRIC
- FP PROPOSED FIRE PROTECTION
- GAS PROPOSED GAS LINE
- W PROPOSED WATERLINE
- UGE PROPOSED UNDERGROUND ELECTRIC
- ... PROPOSED FLOWLINE
- EASEMENT
- PROPOSED 6" CRUSHED ROCK SURFACE
- PROPOSED 3 1/2" ASPHALTIC CONCRETE PAVEMENT
- PROPOSED RIPRAP

PLANT LIST					
QTY.	SYM.	SIZE	COMMON NAME BOTANICAL NAME	MATURE CROWN HEIGHT	MATURE CROWN WIDTH
EVERGREEN TREES					
15	JUVI	2" CALIP. 3-4' HEIGHT	EASTERN RED CEDAR/ JUNIPERUS VIRGINIANA	40'-50'	20'-40'
LAWN / GRASS AREAS					
-	N/A	-	WARM SEASON GRASS	N/A	N/A
				BERMS, DITCHES ETC.	



EVERGREEN TREE PLANTING DETAIL
N.T.S.

Sega®

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TEL.: +1 (660) 829-5100

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REV.	DATE	DESCRIPTION	OWN	CHK

STATE OF CONNECTICUT
AARON P. ARMBRECHT
31857
PROFESSIONAL ENGINEER

AARON P. ARMBRECHT, ENGINEER, PE # 31857

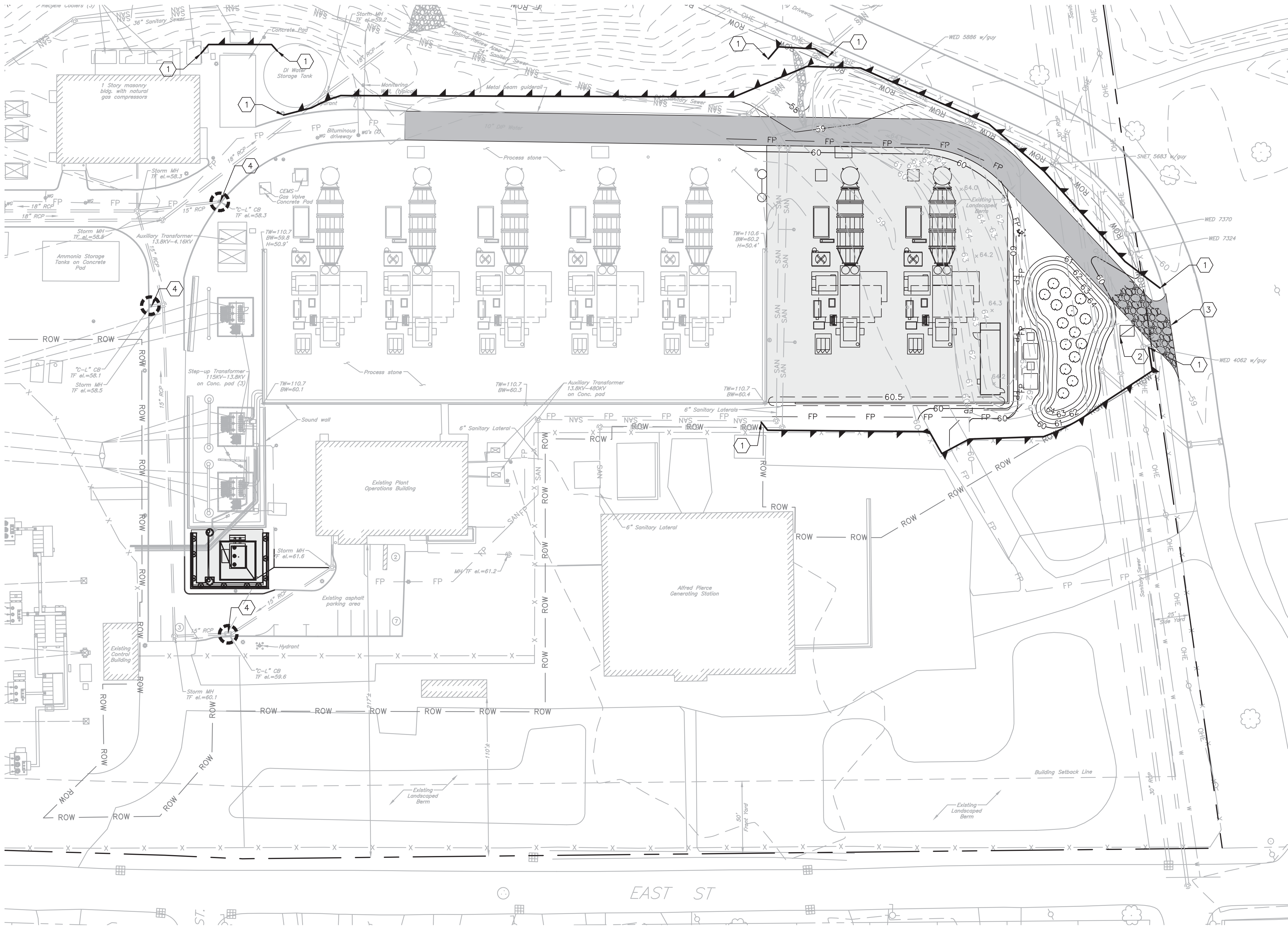
WALLINGFORD ENERGY II, LLC

PLANT NAME:
WALLINGFORD ENERGY FACILITY

PROJECT TITLE:
WALLINGFORD ENERGY FACILITY EXPANSION PROJECT

GENERAL SITE
SCREENING PLAN

DESIGN BY: A. ARMBRECHT	CHECKED BY: A. ARMBRECHT
DRAWN BY: B. GARGOTTA	DATE: 8-1-16
CLIENT I.D. PRO001.01	SEGA PROJECT NO. 16-167
CADD FILE NAME: 00-C400.dwg	
AREA NO. 00	DRAWING NO. C400
REV. 0	



LEGEND:

- | | | | |
|-------|-------------------------------------|-------|---|
| —X— | EXISTING FENCE | —X— | PROPOSED FENCE |
| —SB— | EXISTING CONTOUR | —60— | PROPOSED CONTOUR |
| —GAS— | EXISTING GAS LINE | —OHE— | PROPOSED OVERHEAD ELECTRIC |
| —SAN— | EXISTING SANITARY SEWER | —FP— | PROPOSED FIRE PROTECTION |
| —UGE— | EXISTING UNDERGROUND ELECTRIC | —GAS— | PROPOSED GAS LINE |
| —OHE— | EXISTING OVERHEAD ELECTRIC | —W— | PROPOSED WATERLINE |
| —UGT— | EXISTING UNDERGROUND TELEPHONE | —UGE— | PROPOSED UNDERGROUND ELECTRIC |
| —WW— | EXISTING WASTE WATER | — | PROPOSED FLOWLINE |
| —W— | EXISTING WATERLINE | — | EASEMENT |
| —ROW— | EXISTING RIGHT OF WAY | — | PROPOSED 6" CRUSHED ROCK SURFACE |
| —FP— | EXISTING FIRE PROTECTION | — | PROPOSED 3 1/2" ASPHALTIC CONCRETE PAVEMENT |
| ⊙ | EXISTING MONITORING WELL | ⊙ | PROPOSED RIPRAP |
| ⊙ | DISTRIBUTION POLE | ▲ | SILT FENCE |
| ⊙ | EXISTING FIRE HYDRANT / WATER VALVE | | |
| ⊙ | EXISTING CLEAN OUT | | |
| ⊙ | CONCRETE WASHOUT FACILITY | | |
| ⊙ | STRAW BALE DIKE | | |
| ⊙ | STRAW BALE INLET PROTECTION | | |



EROSION CONTROL PLAN

PLAN NORTH IS 64°18'00" C.C.W. OF TRUE NORTH



EROSION CONTROL KEYNOTES:

1. INSTALL SILT FENCE
2. INSTALL CONCRETE WASHOUT FACILITY
3. INSTALL TEMPORARY CONSTRUCTION ENTRANCE
4. INSTALL STRAW BALE INLET PROTECTION AND SILT SACK

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL NOTIFY THE ENVIRONMENTAL PLANNING OFFICE (203-294-2093) PRIOR TO THE COMMENCEMENT OF WORK AND ALSO UPON COMPLETION OF WORK TO ALLOW FOR A TIMELY FINAL INSPECTION. IN ADDITION, CONTRACTOR SHALL IMMEDIATELY INFORM THE IWWCC OF ANY PROBLEMS INVOLVING WETLANDS OR WATERCOURSES WHICH HAVE DEVELOPED IN THE COURSE OF, OR WHICH ARE CAUSED BY, THE AUTHORIZED WORK.
2. EROSION AND SEDIMENTATION CONTROL MEASURES MUST BE IN PLACE AND MEET WITH THE APPROVAL OF THE TOWN OF WALLINGFORD ENVIRONMENTAL PLANNER PRIOR ANY SITE DISTURBANCE AND PRIOR TO COMMENCEMENT OF ANY WORK ON THE PROPERTY INCLUDING GRADING AND ANY DISTURBANCE OF THE SOIL. ACTIVITY BEYOND THE LIMITS OF THE SILT FENCING INSTALLED IS NOT PERMITTED. REMOVAL OR RELOCATION OF THE SILT FENCING INSTALLATION WILL BE TREATED AS A VIOLATION OF THE PERMIT.
3. EROSION AND SEDIMENTATION CONTROLS AND SEEDING SHALL BE IN ACCORDANCE WITH THE TOWN OF WALLINGFORD STANDARDS AND SPECIFICATIONS AND CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL LATEST EDITION. EROSION CONTROL MEASURES ARE TEMPORARY AND SHALL BE MAINTAINED UNTIL PROJECT STABILIZATION.
4. SILT FENCE SHALL BE CLEANED AND REPAIRED WHEN SILT BUILT-UP REACHES 1/2 SILT FENCE HEIGHT.
5. CLEARING AND GRUBBING WORK SHALL BE IN ACCORDANCE WITH THE TOWN OF WALLINGFORD STANDARDS AND SPECIFICATIONS AND CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL LATEST EDITION STANDARDS AND SPECIFICATIONS LATEST EDITION.
6. NO VEGETATION OR CONSTRUCTION DEBRIS SHALL BE BURIED ON SITE. NO BURNING PITS SHALL BE ALLOWED.
7. ALL DISTURBED AREAS THAT REMAIN ACTIVE FOR MORE THAN 21 DAYS SHALL BE STABILIZED BY SEEDING, OR BY OTHER EQUIVALENT EROSION CONTROL MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
8. PRIOR TO ANY GRADING, STRIPPING, EXCAVATING, FILLING OR ANY OTHER DISTURBANCE OF THE NATURAL GROUND COVER, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES. THE CONTRACTOR SHALL MAINTAIN THESE DEVICES THROUGHOUT THE DURATION OF THE PROJECT AND UNTIL PERMANENT VEGETATION IS PROPERLY ESTABLISHED.
9. THE SITE SHALL HAVE GRADED ROADS AND ACCESS DRIVES TO PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH TO PREVENT SEDIMENT FROM BEING TRACKED ON TO PUBLIC ROADWAYS. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION BEFORE THE END OF EACH WORK DAY. CONSTRUCTION ENTRANCES SHALL BE ROCKED PRIOR TO ANY OTHER SITE WORK.
10. MANUFACTURED SLOPES AND PADS SHALL BE ROUNDED VERTICALLY AND HORIZONTALLY AS APPROPRIATE TO BLEND WITH THE SURROUNDING TOPOGRAPHY.
11. THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SITE EROSION CONTROL IN ACCORDANCE WITH THE PROJECT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) OR STORMWATER POLLUTION CONTROL PLAN (SWCP) IF REQUIRED.
12. STOCKPILES SHALL BE LOCATED AWAY FROM SLOPES AND TRAFFIC ROUTES AND BE TEMPORARILY SEEDED AS SOON AS POSSIBLE. NO MORE THAN 30 WORKING DAYS OR 120 CALENDAR DAYS AFTER FORMATION OF THE STOCKPILE. SILT FENCE SHALL BE PLACED AROUND THE STOCKPILE TO CONTROL EROSION.
13. AS SOON AS CUTS OR EMBANKMENTS ARE COMPLETED, ALL CUT AND FILL SLOPES SHALL BE STABILIZED WITH A HYDROMULCH. APPROVED SLOPE PROTECTION MEASURES SHALL PROCEED IMMEDIATELY BEHIND THE EXPOSURE OF CUT SLOPES AND/OR THE CREATION OF EMBANKMENT SLOPES.
14. ADDITIONAL CATCH BASINS AND DESILTING BASINS SHALL BE INSTALLED TO FACILITATE DRAINAGE.
15. THE EROSION CONTROL PLAN EXHIBITS GENERAL EROSION CONTROL LOCATIONS. ACTUAL LOCATIONS WILL DEPEND ON ACTUAL EXCAVATION OR FILL LIMITS AND DEMOLITION AND CONSTRUCTION SEQUENCING.
16. UNLESS OTHERWISE SPECIFIED, GEOTEXTILE FILTER FABRIC SHALL BE MIRAFI NON-WOVEN 160N OR APPROVED EQUAL AND BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
13. CONTRACTOR SHALL REMOVE ALL EROSION CONTROL DEVICES WITHIN 30 DAYS AFTER SEED IS PLANTED/DRILLED (IF PROPER COVER IS ESTABLISHED AND IF APPROVED BY OWNER'S REPRESENTATIVE).



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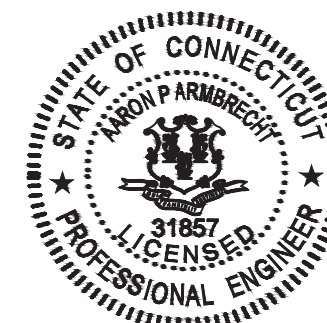
Sega Inc. - Connecticut State Certificate of Authority #

PROJECT LOCATION:
WALLINGFORD, NEW HAVEN CO., CONNECTICUT



2001 PROENERGY BLVD
SEDALIA, MO 65301
WEBSITE: WWW.PROENERGYSERVICES.COM
TEL.: +1 (660) 829-5100

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AARON P. ARMBRECHT, ENGINEER, PE # 31857

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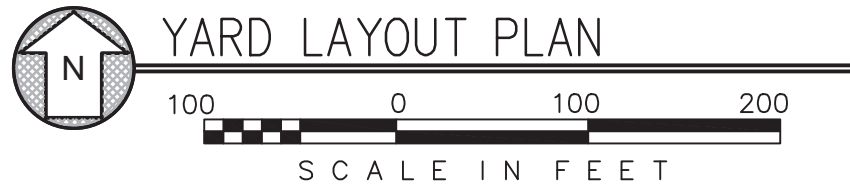
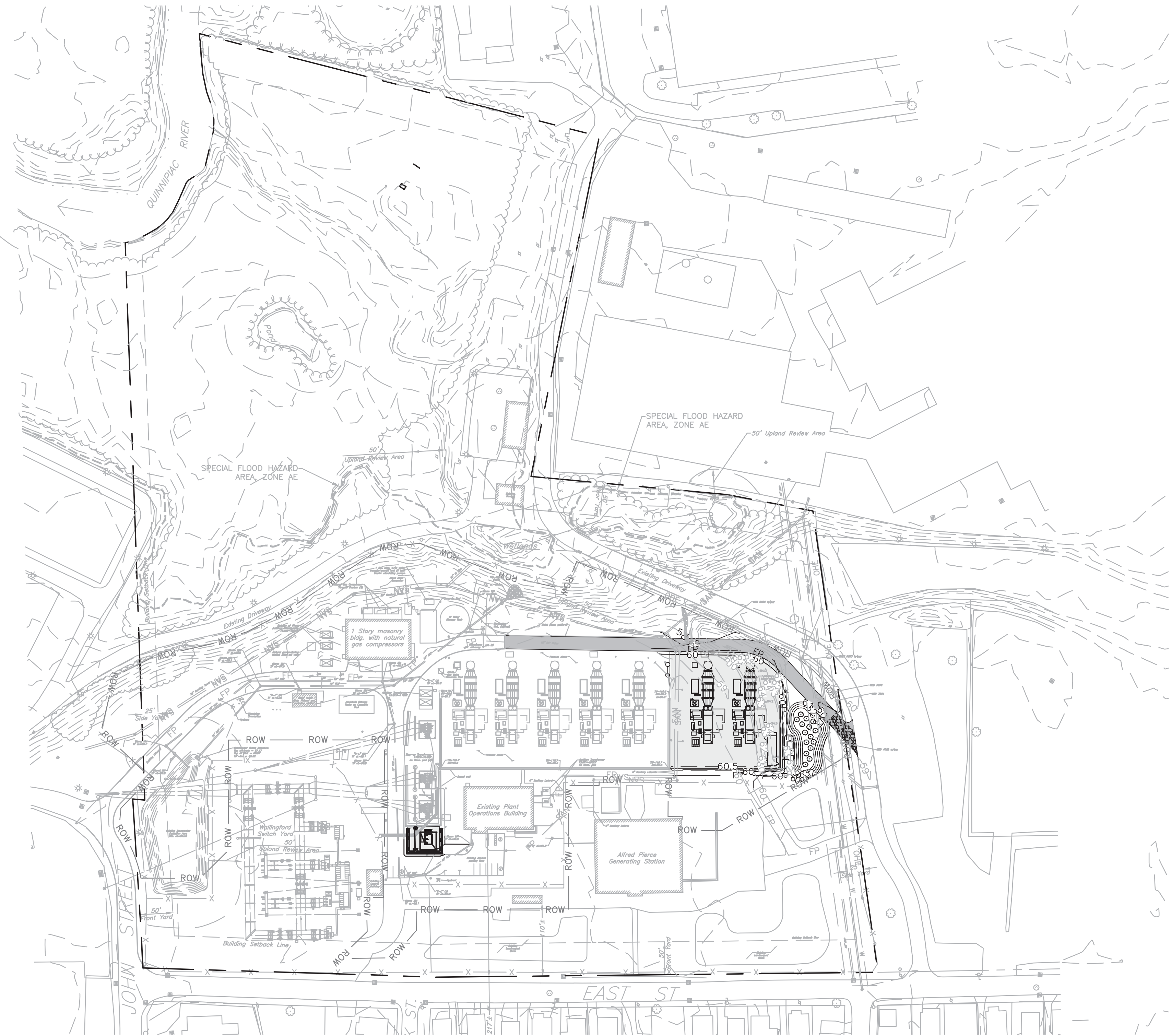
GENERAL SITE
EROSION CONTROL PLAN

DESIGN BY: A. ARMBRECHT	CHECKED BY: A. ARMBRECHT
DRAWN BY: B. GARGOTTA	DATE: 8-1-16
CLIENT I.D. PRO001.01	SEGA PROJECT NO. 16-167

CADD FILE NAME: 00-C500.dwg

AREA NO. 00	DRAWING NO. C500	REV. 0
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LEGEND:

- X

EXISTING FENCE
- 58

EXISTING CONTOUR
- GAS

EXISTING GAS LINE
- SAN

EXISTING SANITARY SEWER
- UGE

EXISTING UNDERGROUND ELECTRIC
- OHE

EXISTING OVERHEAD ELECTRIC
- UGT

EXISTING UNDERGROUND TELEPHONE
- WW

EXISTING WASTE WATER
- W

EXISTING WATERLINE
- ROW

EXISTING RIGHT OF WAY
- FP

EXISTING FIRE PROTECTION
- Ⓜ

EXISTING MONITORING WELL
- ⊙

DISTRIBUTION POLE
- ⊗

EXISTING FIRE HYDRANT / WATER VALVE
- ⊙

EXISTING CLEAN OUT

X

PROPOSED FENCE

-60-

PROPOSED PROPERTY LINE

OHE

PROPOSED OVERHEAD ELECTRIC

FP

PROPOSED FIRE PROTECTION

GAS

PROPOSED GAS LINE

W

PROPOSED WATERLINE

UGE

PROPOSED UNDERGROUND ELECTRIC

-

PROPOSED FLOWLINE

-

EASEMENTPROPOSED 6" CRUSHED ROCK SURFACEPROPOSED 3 1/2" ASPHALTIC CONCRETE PAVEMENTPROPOSED RIPRAP

GENERAL NOTES:

1.

THE CONTRACTOR SHALL NOTIFY THE TOWN OF WALLINGFORD ENVIRONMENTAL PLANNING OFFICE (203-294-2093) PRIOR TO THE COMMENCEMENT OF WORK AND ALSO UPON COMPLETION OF WORK TO ALLOW FOR A TIMELY FINAL INSPECTION. IN ADDITION, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE INLAND WETLANDS AND WATERCOURSES COMMISSION (IWWC) OF ANY PROBLEMS INVOLVING WETLANDS OR WATERCOURSES WHICH HAVE DEVELOPED IN THE COURSE OF, OR WHICH ARE CAUSED BY, THE AUTHORIZED WORK.
2.

PRIOR TO CONSTRUCTION, CONTACT "CALL BEFORE YOU DIG" OR ONECALL AND VERIFY ALL UNDERGROUND AND OVERHEAD UTILITY LOCATIONS.
3.

ALL CONSTRUCTION PERFORMED ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE TOWN OF WALLINGFORD STANDARDS AND SPECIFICATIONS AND CONNECTICUT DEPARTMENT OF TRANSPORTATION (CT-DOT) LATEST EDITION. WHERE DISCREPANCIES EXIST BETWEEN THE PROJECT SPECIFICATIONS AND TOWN OR STATE STANDARDS, THE CONTRACTOR SHALL ABIDE BY THE GREATER OR MORE RESTRICTIVE REQUIREMENTS.
4.

THE LOCATION OF EXISTING STRUCTURES AND UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE ENGINEER. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION IN ORDER TO PROVIDE FOR NON-INTERRUPTION OF SERVICE AND TO ENSURE PROPER CLEARANCES.
5.

CONTRACTOR SHALL, BY HIS OWN INVESTIGATION AND PRIOR TO COMMENCING WORK, SATISFY HIMSELF AS TO THE SURFACE AND SUBSURFACE CONDITIONS TO BE ENCOUNTERED.
6.

WHERE THE NEW IMPROVEMENTS ABUT EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATCHING THE ELEVATION OF THE EXISTING IMPROVEMENTS.
7.

PLACEMENT OF CONCRETE AND REINFORCEMENT SHALL COMPLY WITH THE REQUIREMENTS OF ACI 301. DETAILING AND FABRICATION OF REINFORCEMENT SHALL COMPLY WITH THE CRSI MANUAL OF STANDARD PRACTICE, LATEST EDITION.
8.

PRECAST AND CAST-IN-PLACE CONCRETE FOR PAVING AND SITE STRUCTURES SHALL BE AIR-ENTRAINED, PORTLAND CEMENT CONCRETE WITH THE FOLLOWING PROPERTIES:

1)

SHALL BE IN ACCORDANCE WITH ASTM C94.

2)

USE TYPE I/II CEMENT.

3)

MINIMUM 28-DAY COMPRESSIVE STRENGTH: 4500 PSI.

4)

MAXIMUM WATER CEMENT RATIO: 0.50.

5)

SLUMP: 4 INCHES +/- 1 INCH.

6)

AIR ENTRAINED: 6 PERCENT +/- 1.5 PERCENT.
9.

ALL WELDED WIRE FABRIC (W.W.F.) SHALL CONFORM TO A185, NO ALUMINUM SHALL BE EMBEDDED IN ANY CONCRETE.
10.

CONTRACTOR SHALL PROVIDE FOR CONTROL OF SURFACE EROSION DURING CONSTRUCTION AND UNTIL THE OWNER ACCEPTS THE WORK AS COMPLETE. THE CONTRACTOR SHALL PROVIDE SILT FENCE, STRAW BALES, OR OTHER MEANS TO PREVENT EROSION FROM REACHING THE PUBLIC RIGHT-OF-WAY OR ADJACENT PROPERTY. IN THE EVENT THE PREVENTION MEASURES ARE NOT EFFECTIVE, THE CONTRACTOR SHALL REMOVE ANY DEBRIS AND EROSION AND RESTORE THE RIGHT-OF-WAY AND ADJACENT PROPERTY TO ORIGINAL OR BETTER CONDITION.
11.

A TOPOGRAPHIC SURVEY WAS PREPARED BY GODFREY HOFFMAN ASSOCIATES, LLC DATED JUNE 2, 2015. THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY OF THE DATA AND NO EXPRESSED OR IMPLIED GUARANTEE IS GIVEN OF THE INTERPRETATION THEREOF.
12.

REFERENCE IS MADE TO THE GEOTECHNICAL ENGINEERING REPORT BY TERRACON DATED ??????????. THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE COMPLETENESS OR ACCURACY, NOR THE INTERPRETATION THERE OF, ALL SITE PREPARATION AND EARTHWORK CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE GEOTECHNICAL RECOMMENDATIONS LATEST REVISION.
13.

THE OWNER SHALL EMPLOY AN INDEPENDENT ENGINEERING TESTING AGENCY TO VERIFY SOIL COMPACTION AND PAVEMENT MATERIAL PROPERTIES. THE CONTRACTOR SHALL ALLOW THE TESTING AGENCY TO PERFORM TESTING AND RETESTING AS NECESSARY TO VERIFY COMPLIANCE WITH THE PROJECT SPECIFICATIONS.
14.

FOUNDATION DESIGNS ARE BASED ON THE GEOTECHNICAL ENGINEERING REPORT. ALL FOOTINGS AND PIERS SHALL BEAR AT THE ELEVATIONS SHOWN ON THE PLANS, DETAILS, SECTIONS, AND SCHEDULES. ALL SITE PREPARATION, REQUIREMENTS FOR EXCAVATIONS AND SLOPE STABILITY, STRUCTURAL FILL AND TRENCH BACKFILL, FOUNDATIONS, AND SUBGRADE PREPARATION FOR FLOOR SLABS SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
15.

MINIMUM 6" OF TOPSOIL AND ALL ORGANIC MATTER SHALL BE REMOVED FROM THE LOCATION OF PROPOSED IMPROVEMENTS. UNSTABLE OR SPONGY AREAS SHALL BE OVEREXCAVATED AND REPLACED WITH COMPACTED FILL IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
16.

ALL EXISTING TREE STUMPS, ROOT SYSTEMS, AND OTHER SURFACE AND SUBSURFACE FEATURES FROM PREVIOUS SITE USE SHOULD BE REMOVED TO FULL DEPTH. THE SUBGRADE SHALL BE THOROUGHLY PROOF ROLLED WITH A LOADED TANDEM-AXLE DUMP TRUCK OR OTHER HEAVY, RUBBER-TIRED CONSTRUCTION EQUIPMENT WEIGHING AT LEAST 20 TONS TO DETECT UNSTABLE SUBGRADE. REMEDIATION OF UNSTABLE SUBGRADE SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT.
17.

COMPACTED FILL SHALL NOT CONTAIN ROCK LARGER THAN 6", FILL SLOPES SHALL BE INSTALLED ON NATIVE SOIL AS REQUIRED BY THE GEOTECHNICAL ENGINEERING REPORT.
18.

COMPACTED FILL SHALL BE PLACED IN NO GREATER THAN 8" LOOSE LIFTS AND COMPACTED TO AT LEAST 90% BELOW COMMON FILL AREAS (-2 TO 3% STD. PROCTOR OPTIMUM MOISTURE), BELOW FOUNDATIONS AND FLOOR SLABS (-2 TO 3%), AND 95% FOR EXTERIOR BACKFILL BELOW PAVED AREAS AND CRUSHED ROCK SURFACE (-2 TO 3%), (BASED ON ASTM D698 TEST). FIELD DENSITY TESTS SHALL BE TAKEN AT A FREQUENCY OF AT LEAST ONE TEST FOR EACH 2500 SQUARE FEET OF FILL LIFT. IN PAVEMENT AREAS, THE TESTING FREQUENCY MAY BE ONE FIELD DENSITY TEST FOR EACH 5000 SQUARE FEET OF FILL LIFT BUT NO LESS THAN 3 TESTS PER LIFT. FIELD TESTING FREQUENCY MAY BE MODIFIED TO AN APPROVED EQUAL BY INDEPENDENT SOILS ENGINEER.
19.

CRUSHED ROCK PAVEMENT (ALSO CALLED CRUSHED ROCK BASE) SHALL BE COMPACTED, WELL GRADED, CLEAN AGGREGATE ROAD BASE. IT SHALL BE PLACED IN LIFTS NO GREATER THAN 6" AND COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION (BASED ON ASTM TEST METHOD D1557).
20.

CRUSHED ROCK SURFACE SHALL BE INSTALLED ACROSS THE SITE TO A MINIMUM OF 5 FEET OUTSIDE THE SITE PERIMETER FENCE UNLESS OTHERWISE SHOWN ON PLANS. CRUSHED ROCK SURFACE SHALL BE COMPACTED WELL GRADED, 3/4"-1" CLEAN CRUSHED ROCK SURFACE.
21.

ALL SITE STRUCTURES SHALL BE DESIGNED FOR HS-20 LOADING.
22.


SEE PLANS FOR RIPRAP MEAN STONE DIAMETER. STONE SHALL BE PLACED TO PRODUCE A REASONABLE WELL-GRADED MASS OF RIPRAP WITH THE MINIMUM POSSIBLE PERCENTAGE OF VOIDS. DO NOT PLACE RIPRAP IN LAYERS BY DUMPING INTO CHUTES, BY DUMPING FROM THE TOP OF SLOPE, BY PUSHING IT FROM THE TOP OF SLOPE, OR ANY METHOD LIKELY TO RESULT IN SEGREGATION OF VARIOUS SIZES.
23.

ALL SITE STRUCTURES ARE PARALLEL TO PLANT NORTH UNLESS NOTED OTHERWISE.
24.

GRADES SHOWN ARE FOR REFERENCE ONLY. SEE DRAWING C300 FOR FINISHED GRADES. CONTRACTOR SHALL GRADE TO SUBGRADE AND GRADE TO DRAIN BEFORE INSTALLING FINISH SURFACING MATERIAL.
25.

A PORTION OF PARCEL THE IS LOCATED WITH A SPECIAL FLOOD HAZARD AREA ZONE AE, PER "FIRM FLOOD INSURANCE RATE MAP, NEW HAVEN COUNTY, CONNECTICUT (ALL JURISDICTIONS) PANEL 304 OF 635, MAP NUMBER 09009C0304H; EFFECTIVE DATE DECEMBER 17, 2010," FROM FEDERAL EMERGENCY MANAGEMENT AGENCY.






ENGINEERING & TECHNICAL SERVICES
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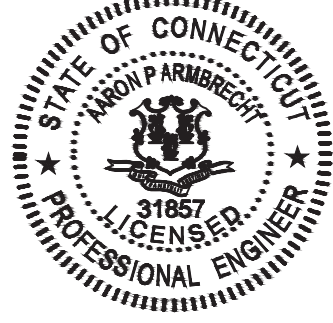
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AARON P. ARMBRECHT, ENGINEER, PE # 31857

PLANT NAME:
WALLINGFORD ENERGY FACILITY

PROJECT TITLE:
WALLINGFORD ENERGY FACILITY EXPANSION PROJECT

YARD LAYOUT PLAN

DESIGN BY: A. ARMBRECHT	CHECKED BY: A. ARMBRECHT	
DRAWN BY: B. GARGOTTA	DATE: 8-1-16	
CLIENT I.D. PRO001.01	SEGA PROJECT NO. 16-167	
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