DOCUMENT 00901

ADDENDUM 1

DATE: July 31, 2014

TO: PROSPECTIVE BIDDERS

FROM: Cannon Design

PROJECT: West Haven Combined Heat and Power (CHP) Plant Design

This Addendum forms part of and modifies the Construction Documents dated July 18, 2014. Where any original item called for in the Project Manual or indicated on the Drawings is supplemented hereby, the supplemental requirements shall be considered as added thereto.

Where any original item is amended, voided, or superseded hereby, the other provisions of such items not specifically amended, voided, or superseded shall remain in effect.

ATTACHMENTS:

Drawing:

Drawing AS.101 dated 7/31/14 Drawing ES.101 dated 7/31/14 Drawing EP.501 dated 7/31/14 Drawing EP.703 dated 7/31/14

Specifications:

None

NARRATIVE:

Documents issued for bid included on Drawing ES.101, proposed modification of electrical service where service enters the site at MH#9. The drawing calls for new exterior pad mounted equipment including meters and switch. Additional work is required to facilitate this work, such as site work and a retaining, was not specifically identified in the July 18, 2014 bid set. This addendum identifies this work which is a requirement of this contract. Actual site survey of this area is required to verify control points prior to commencement of construction activity. Additionally two isolation transformers were added to the project, this revision is also included.

Geotechnical Work:

Engage geotechnical engineer licensed in the state of Connecticut. Geotechnical engineer to propose location and coordinate with the hospital and others as required and engage drill activity for minimum of 3 boring locations for the noted pad, coordinate private utility mark-up, provide 3 geotechnical borings, including rock coring (15 feet) and observation well, provide inspectional services during boring activity, engage laboratory testing, prepare and issue for approval; geotechnical memorandum including global stability analysis of 1 section to be used to establish retaining wall requirements. Geotechnical engineer shall be retained during construction activity for this area as well as the remainder of the project and shall issue reports accordingly.

Site Work:

Provide a new 10" concrete pad (refer to detail 20/CS.203) for the new electrical equipment as shown on the attached drawing, modify the grades to accommodate the new pad, demo and

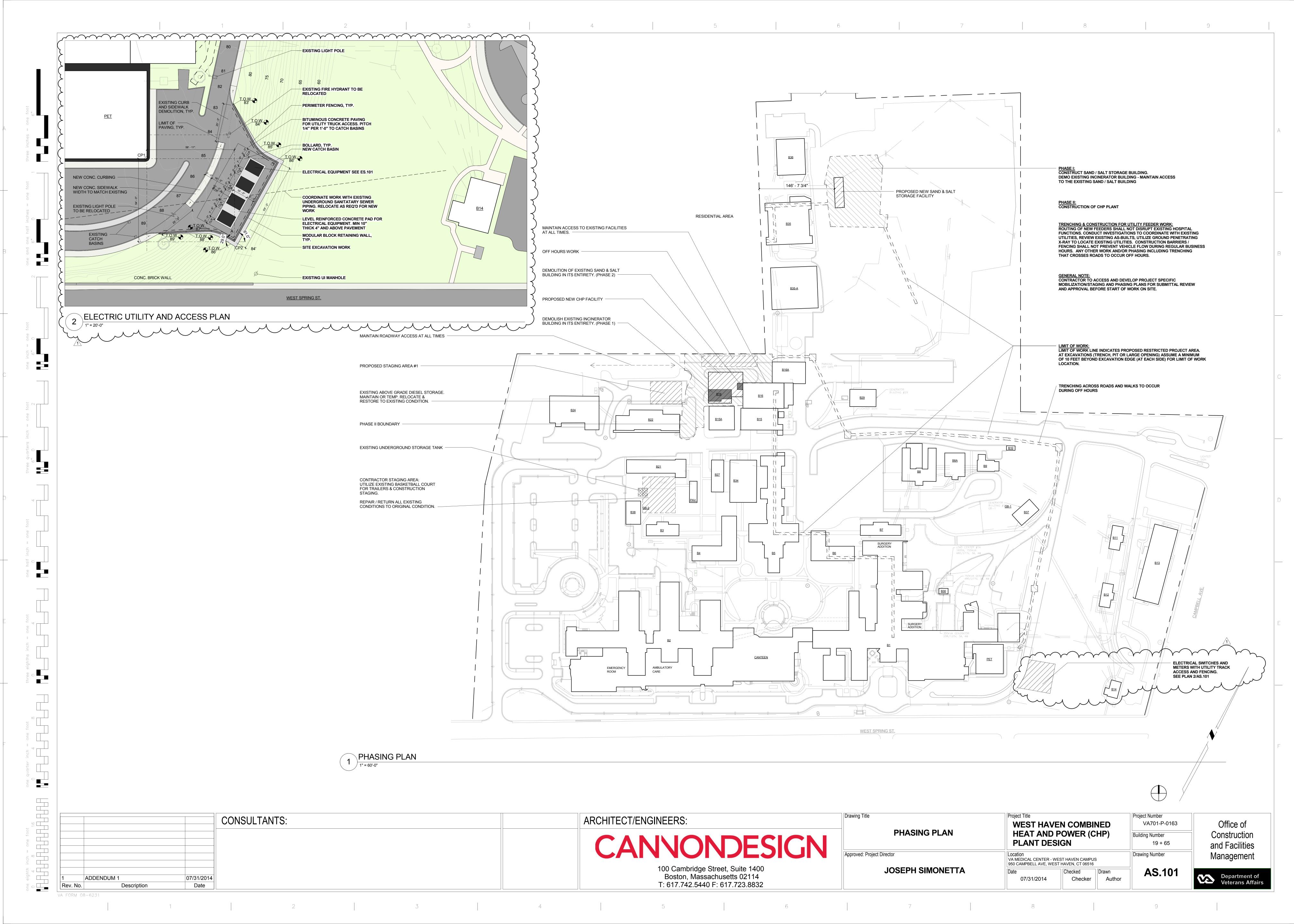
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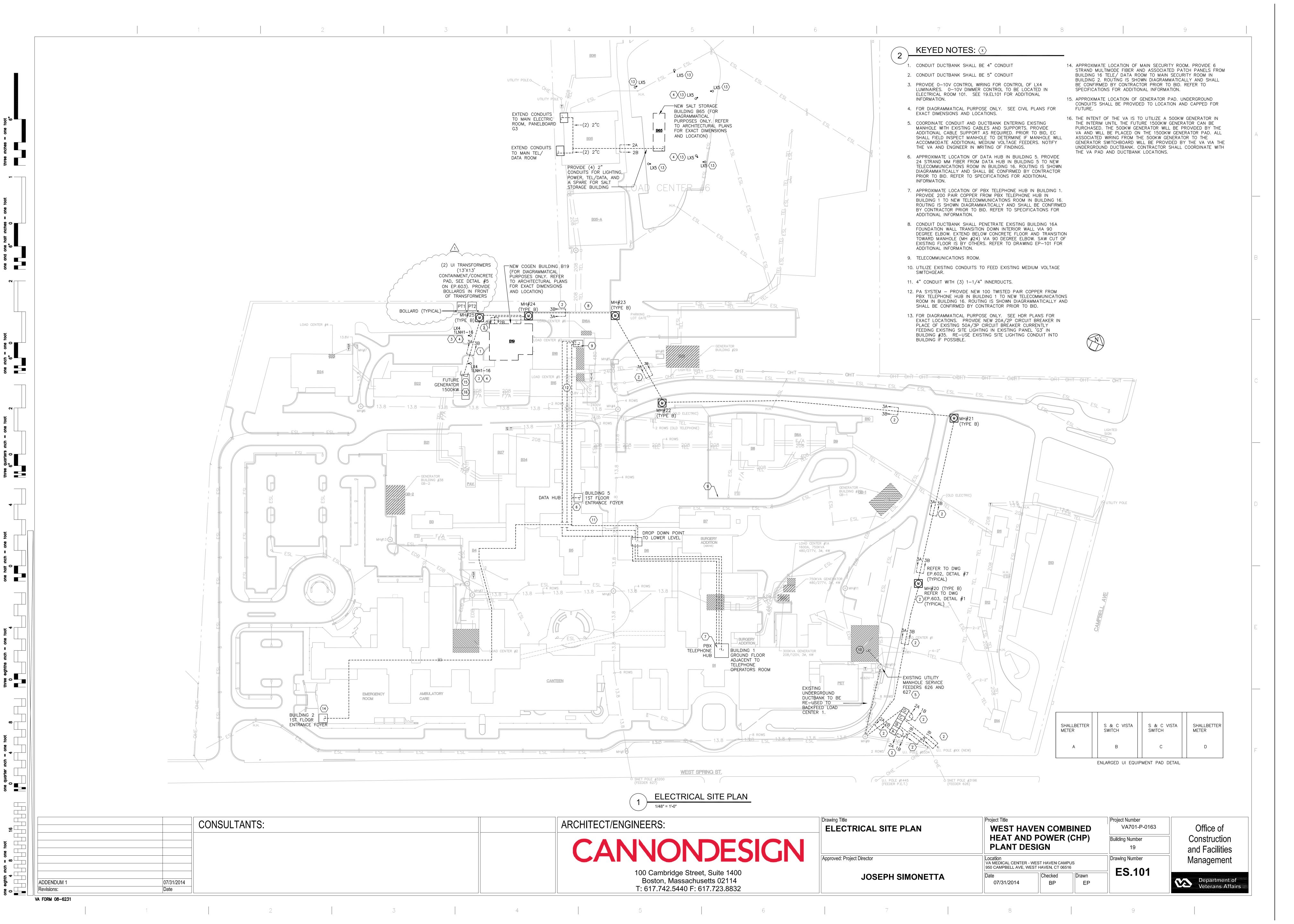
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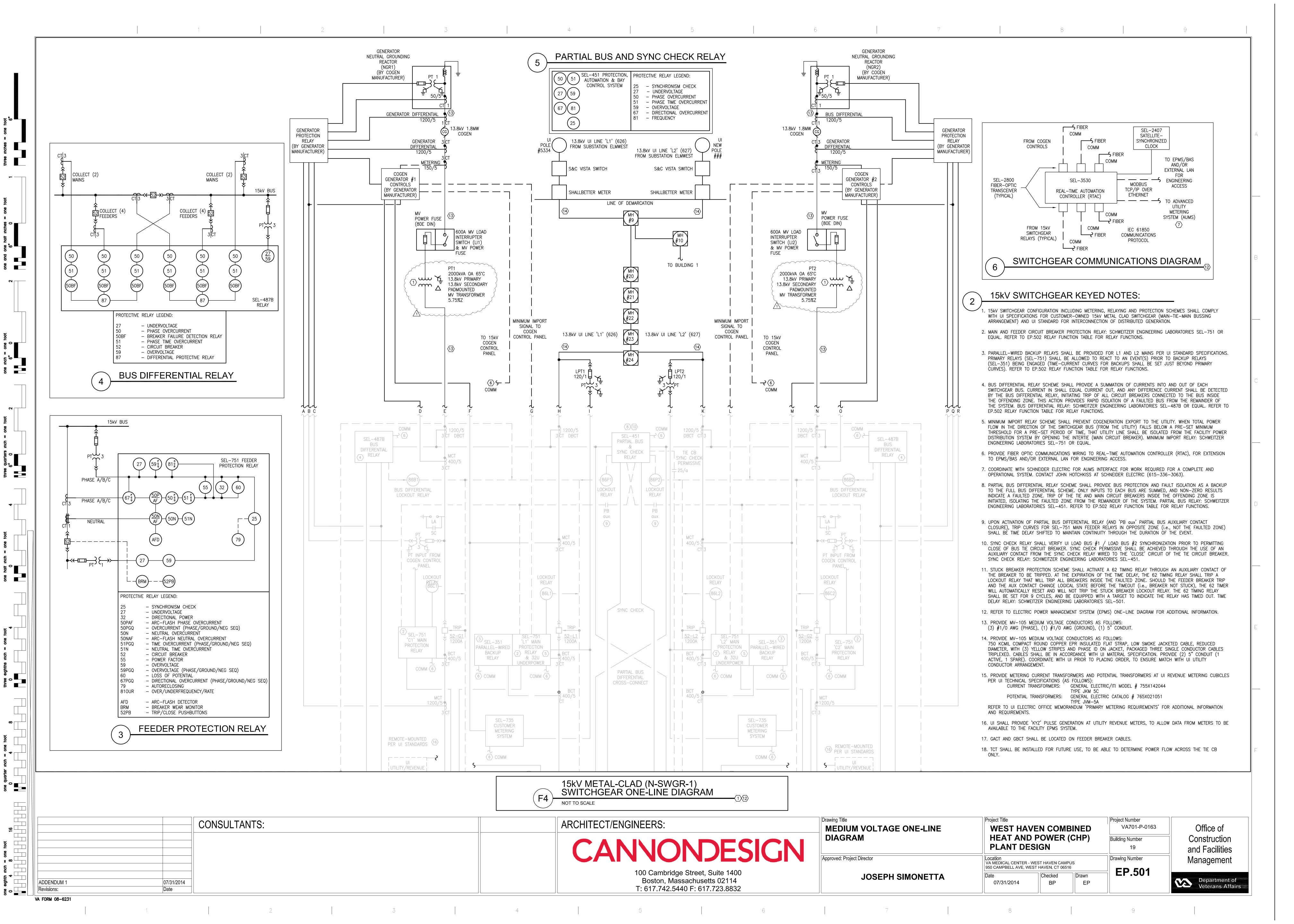
rework existing curbing and sidewalk (reference 10/CS.201 and 21/CS.203). Provide modular concrete block retaining wall (reference details 8/CS.201) conforming to the requirements of the geotechnical recommendations and new pavement (reference 13/CS.201) as required for the new installation. Provide new protective steel bollards (reference 14/CS.201) and perimeter fencing adjacent to retaining wall (reference 17 and 18/CS.203 SIM). Work also includes, tree and rock removal, storm water drainage modification, pavement markings, relocation of existing fire hydrant and sanitary line and light pole/ conduit which may be in conflict with the new electric equipment pad. The intent is for the contractor to be fully responsible for all aspects of this installation without limitation.

END OF ADDENDUM

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LUMINAIRE SCHEDULE 42W CFL DIECAST ALUMINUM HOUSING AND GUARD, GREY FINISH, UL WET LOCATION LISTED SPECULAR OR SEMI-SPECULAR INTERNAL REFLECT'R-RADIUSED PRISMATIC ACRYLIC REFRACTOR, OR STEEL SURFACE HOUSING - WHITE, PPC, ADJUSTABLE LAMP HEADS, 12VDC LEAD CALCIUM BATTERY, RATED 50W @ SURFACE WALL LENS, TO MATCH TEARDROP BODY CONTOUR 90 MIN.-SELF-TESTING DIAGNOSTICS SURFACE MOUNT 96W LOW PROFILE, CURVED PRISMATIC ACRYLIC DIFFUSER WITH SIDE PRISMS FOR BRIGHTNESS CONTROL CODE-GUAGE STEEL, LUMINOUS ENDPLATES 6" APERTURE, IP65 WET LOCATION RATING 6" ROUND SHOWER LIGHT SURFACE/SUSPEND PER ARCHITECTURAL CEILINGS HAZARDOUS LINEAR LED MARINE GRADE EXTRUDED ALUMINUM, CHEMICALLY PRIMED AND POWDERCOAT FINISH, CONTINUOUS RUNS PER PLANS INTEGRAL DRIVER EXTRUDED UV STABILIZED OPAL POLYCARBONATE WITH INTEGRAL PRISMS WITH JOINER BAND, PROVIDE CHAIN HANGER SET WHERE SUSPENDED DIECAST ALUMINUM HOUSING AND GUARD, CORROSION RESISTANT INDUSTRIAL GREY FINISH, GASKETED, UL WET LOCATION LED VAPOR PROOF GLOBE FROSTED GLASS DIFFUSER SURFACE WALL INDUSTRIAL LINEAR LED INTEGRAL DRIVER HIGH EFFICIENCY POLYMER REFLECTOR FOR BRIGHTNESS CONTROL SINGLE/CONTINUOUS RUNS PER PLANS, PROVIDE CHAIN HANGER SET WHERE SUSPENDED, DLC CERTIFIED ARCHITECTURAL CEILINGS INDUSTRIAL LINEAR LED INTEGRAL DRIVER HIGH EFFICIENCY POLYMER REFLECTOR FOR BRIGHTNESS CONTROL SINGLE/CONTINUOUS RUNS PER PLANS, PROVIDE CHAIN HANGER SET WHERE SUSPENDED, DLC CERTIFIED ARCHITECTURAL CEILINGS 2' LINEAR LED INTEGRAL DRIVER FROSTED WHITE WRAP AROUND ACRYLIC LENS SURFACE WALL HEAVY GUAGE ALUMINUM HOUSING, SATIN CLEAR ANODIZED FINISH WET LOCATION IP66 RATED, EXTRUDED ALUMINUM HOUSING, DIRECT MULLION FEED ON 1/2" BLOCKS, INTEGRAL MULLION MOUNT INTEGRAL DRIVER DIRECT ASYMMETRIC FORWARD THROW BEAM WITH FROSTED LENS TO REDUCE BRIGHTNESS WET LOCATION 1P66 RATED, EXTRUDED ALUMINUM HOUSING, SLIM ADJUSTABLE MOUNTING, ELECTROSTATIC POLYESTER SURFACE POWDER COAT CUSTOM RAL COLOR FINISH, CONTINUOUS RUNS PER PLAN WITH END TO END CONFIGURATION WET LOCATION 1P66 RATED, EXTRUDED ALUMINUM HOUSING, ADJUSTABLE EXTENDED ARM MOUNTING, ELECTROSTATIC POLYESTER POWDER COAT CUSTOM RAL COLOR FINISH, CONTINUOUS RUNS PER PLAN WITH END TO END CONFIGURATION CANTILEVERED SURFACE INTEGRAL DRIVER 30x60 DEGREE BEAM SPREAD, CLEAR LENS LOW PROFILE DIE CAST ALUMINUM HOUSING ARM MOUNTED ON A 6" SQUARE, 15' HIGH ALUMINUM POLE. FADE POLE MOUNTED RESISTANT TGIC POWDERCOAT BRONZE, PROVIDE WITH INTEGRAL PHOTOCELL. LOW PROFILE DIE CAST ALUMINUM HOUSING ARM MOUNTED ON A 6" SQUARE, 30' HIGH ALUMINUM POLE. FADE POLE MOUNTED INTEGRAL DRIVER RESISTANT TGIC POWDERCOAT BRONZE, PROVIDE WITH INTEGRAL PHOTOCELL. WEDGE SHAPED DIE CAST ALUMINUM HOUSING, INTEGRAL PIR MOTION SENSING DEVICE, FADE RESISTANT TGIC LED WALL PACK SURFACE WALL INTEGRAL DRIVER MEDIUM THROW, FULL CUT OFF OPTICS POWDERCOAT BRONZE SUSPEND/SURFACE/WALL MOUNT PER ARCHITECTURAL CEILINGS CONCEALED SHEET METAL HOUSING, BRUSHED ALUMINUM FACE-SINGLE/DOUBLE FACE WITH DIRECTIONAL CHEVRONS AS CLEAR ACRYLIC FACE, CODE SIZE "EXIT" LETTERS & DIRECTIONAL CHEVRON(S), ENGRAVED & FILLED INTEGRAL POWER SUPPLY SHOWN, PROVIDE MOUNTING HARDWARE TO ACCOMMODATE CEILING/WALL, INTEGRAL EMERGENCY BATTERY BACKUP MYLAR/MIRROR SEPARATOR FOR DOUBLE FACE SIGNS, GREEN LETTERS UL WET LOCATION LISTED, DIECAST ALUMINUM HOUSING WITH IMPACT RESISTANT POLYCARBONATE COVERS, VANDAL/CORROSION RESISTANT HARDWARE, SURGE PROTECTION, SINGLE/DOUBLE FACE AND DIRECTIONAL CHEVRONS AS SHOWN, PENDANT KIT WHERE REQ'D, COLOR TBD, INTEGRAL EMERGENCY BATTERY BACKUP USPEND/SURFACE/WALL MOUNT PER STENCIL CUT, CODE SIZE "EXIT" LETTERS & DIRECTIONAL CHEVRON(S)—GREEN ACRYLIC SHEET INTEGRAL POWER SUPPLY 120/277 XS2 WET LOCATION EXIT SIGN ARCHITECTURAL CEILINGS REFERENCED PRODUCTS ARE INCLUDED HEREIN, OF MANUFACTURERS & PRODUCTS, THAT GENERALLY CONFORM TO THE LUMINAIRE DESIGN INTENTS ESTABLISHED HEREIN, & IN THE PROJECT MANUAL. EQUIVALENT DETERMINE SPECIFIC LUMINAIRE PART NUMBERS BASED ON THE REFERENCED PRODUCT SERIES, WRITTEN DESCRIPTIONS & PROJECT MANUAL SPECIFICATIONS. : INCLUSION HEREIN OF MANUFACTURER'S SERIES &/OR MODEL NUMBERS DOES NOT IMPLY UNCONDITIONAL PRODUCT APPROVAL - MANUFACTURER'S STANDARD PRODUCTS MAY REQUIRE CUSTOM MODIFICATIONS TO MEET THE REQUIREMENTS SPECIFIED HEREIN & IN THE PROJECT MANUAL. LISTED SIZES, LAMPING, & TYPES OF LUMINAIRES MAY NOT BE AVAILABLE FROM ANY GIVEN MANUFACTURER OR SERIES. ALERT ARCHITECT TO DISCREPANCIES PRIOR TO BID. LG LAY-IN GRID SPECULAR DRYWALL LO-IRI LOW IRRIDESCENT PPC POLYESTER POWER COAT SEMI-SPECULAR NT NARROW TEE GRID PRISM PRISMATIC STAINLESS STEEL TO BE SELECTED BY ARCH .BD EMERG. LTG. BYPASS DEVICE PAF PAINT AFTER FABRICATION REFL'T REFLECTOR/REFLECTANCE PARA PARABOLIC SP SPLINE CEILING SYSTEM UNIVERSAL 120-277VAC NOTES:

1 TO MATCH EXISTING ADJACENT PARKING LOT POLE LIGHTING, DESIGN STANDARD: GARDCO P21-DIM-A2-1-2-55LA-NW-UNIV-BRP-PC-SPA1-2-DL TO MATCH EXISTING ADJACENT PARKING LOT POLE LIGHTING, DESIGN STANDARD: GARDCO P32-DIM-A1-1-2-210LA-NW-UNIV-BRP-PC-SPA1-2 B4 LUMINAIRE SCHEDULE

1/8" = 1'-0"

	TYPE																					FEATURES MOUNTING						-		
TRANSFORMER DESIGNATION	2		T LEMP		IND IN CINETO	INTEGRAL PRIMARY	SUBSTATION INTEGRAL USS	MV PADMOUNT	CAST COIL	3	HARMONIC SUPP. (HS)	HARMONIC COND. (HC)	HARMONIC FILTER (HFT)	ISOLATION DRY	PHASE PRIMARY VOLTAGE	PRIMARY VOLTAGE	SEC ONDARY VOLTAGE	K RATING	0° OR 30° SHIFT	KVA (OUTSIDE AIR)	KVA (FORCED AIR)	T – dT	CSL-3	FA PROVISIONS	EXTERIOR PAD	FLOOR	WALL	TRAPEZE	WEIGHT (LBS)	REMARKS
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2T4	_	_		- >	< -	_	_	_	_	_	_	_	_	-	3	480	208/120	_	_	45	-	_	Χ	-	_	_	-	Х	_	FED FROM 2PEH1
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PT1	X	-	-			- -	-	X	_	Y -	-	- Y	-	_	~~~ 3	13.8	13.8			2000		- -	7 Y	-	X	- -	- -	-	- -س	FED FROM COGEN
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TRANSFORMER SCHEDULE

1/8" = 1'-0"

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	ARCHITECT/ENGINEERS:
	CANNONDESIGN
	CAIVIOIVESICIV
	100 Cambridge Street, Suite 1400

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ADDENDUM 1

VA FORM 08-623

Description

07/31/2014

Date

CAN		VDES	GN
	100 Cambridge St	treet, Suite 1400	

Boston, Massachusetts 02114 T: 617.742.5440 F: 617.723.8832

SCHEDULES	WEST HAVEN COMBINED HEAT AND POWER (CHP) PLANT DESIGN
proved: Project Director	Location

JOSEPH SIMONETTA

PLANT DE	Building Number 19	
	WEST HAVEN CAMPUS EST HAVEN, CT 06516	Drawing Number
 e	Checked Drawn	FP 70

07/31/2014

Project Number

004243.00

Office of Construction and Facilities Management

Department of Veterans Affairs