SITE PLAN APPROVAL DRAWINGS

HARTLEY ROAD SUBSTATION

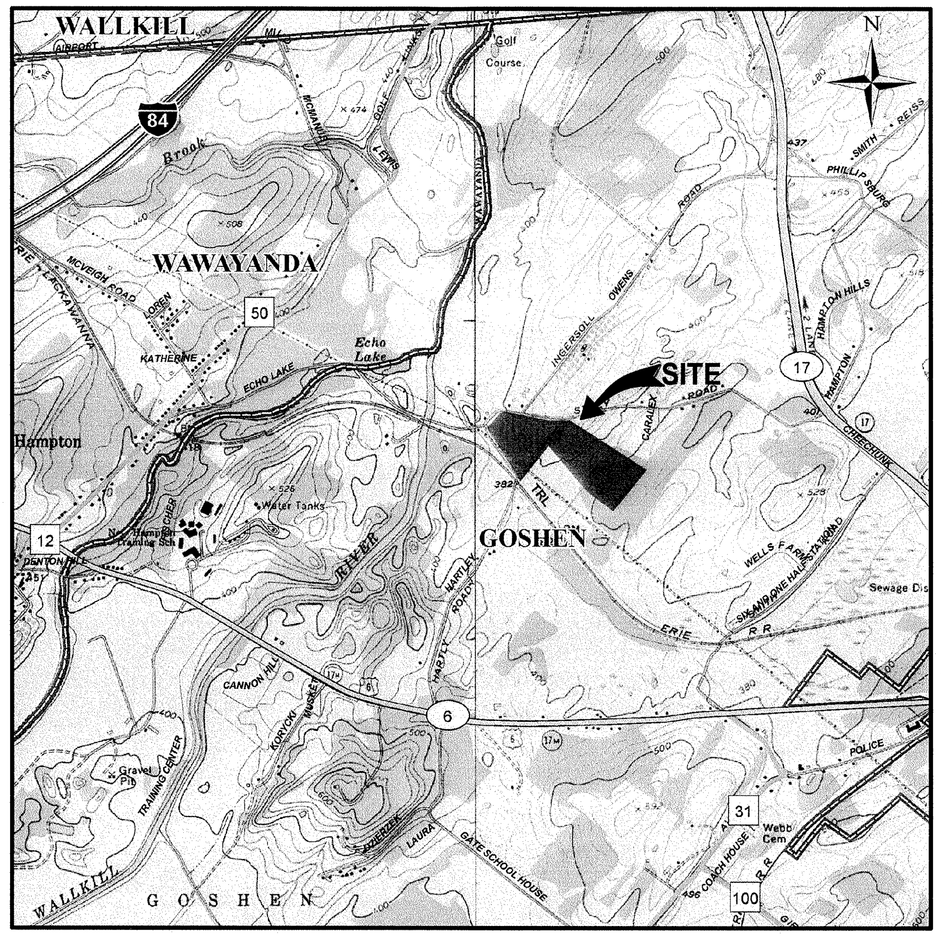
TOWN OF GOSHEN
ORANGE COUNTY
STATE OF NEW YORK

LEGEND AND ABBREVIATIONS

EXISTING	PROPOSED	DESCRIPTION
		TREE REMOVAL
		TREE PROTECTION
	B-1	BORING
	SPOT ELEV	SPOT ELEVATION
		VALVE
		HYDRANT WITH VALVE
		WATER SERVICE VALVE
		SHUT OFF WATER VALVE
		GAS VALVE
		LIGHTPOLE
		UTILITY POLE
		FIELD INLET BASIN
D	D	DRAINAGE MANHOLE
S	S	SANITARY MANHOLE
E	E	ELECTRICAL MANHOLE
		END SECTION
		HAYBALES
		INLET PROTECTION
		PROPERTY LINE
		GUARD RAILING
X	X	FENCE
230	250	MAJOR CONTOUR
232	251	MINOR CONTOUR
		RETAINING WALL
		STONEWALL
W	W	WATER MAIN PIPELINE
S	S	SANITARY PIPELINE
G	G	GAS LINE
E	E	ELECTRICAL LINE
		DRAINAGE PIPELINE
		SILT FENCE
	TD	TEMPORARY DIKE/DITCH
D	D	DIKE/DITCH
		UNDER DRAIN
		CHECK DAM
	CF	CONSTRUCTION FENCE
SW	SW	SWALE

ABBREVIATIONS

AC	ACRES
AD	ALGEBRAIC DIFFERENCE
BC	BOTTOM OF CURB
BF	BASEMENT FLOOR
BVCE	BEGIN VERTICAL CURVE ELEVATION
BVCS	BEGIN VERTICAL CURVE STATION
BW	BOTTOM OF WALL
CB	CATCH BASIN
CIP	CAST IN PLACE
CLR	CLEARANCE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CTGE	CABLE, TELEPHONE, GAS & ELECTRIC
DI	DRAIN NLET
DIP	DUCTILE IRON PIPE
DMH	DRAINAGE MANHOLE
EL	ELEVATION
ES	END SECTION
EVCE	END VERTICAL CURVE ELEVATION
EVCS	END VERTICAL CURVE STATION
EXIST	EXISTING
FI	FIELD INLET
FF	FINISHED FLOOR
GA	GAUGE
GF	GROUND FLOOR
HC	HANDICAP
HDPE	HIGH-DENSITY POLYETHYLENE
HORIZ	HORIZONTAL
HP	HIGH POINT
HYD	HYDRANT
INV	INVERT
K	CURVE COEFFICIENT
LF	LINEAR FEET
LP	LOW POINT
LSE	LOW SEWER ELEVATION
MAX	MAXIMUM
MIN	MINIMUM
NEC	NECESSARY
NO	NUMBER
NTS	NOT TO SCALE
OS	OUTLET STRUCTURE
PC	POINT OF CURVATURE
PERF	PERFORATED
PROP	PROPOSED
PT	POINT OF TANGENT
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INFLECTION
RCP	REINFORCED CONCRETE PIPE
RI	RISER INLET
SF	SQUARE FEET
SHT	SHEET
SMH	SANITARY MANHOLE
STA	STATION
TC	TOP OF CURB
TW	TOP OF WALL
TYP	TYPICAL
UP	UTILITY POLE
VC	VERTICAL CURVE
VERT	VERTICAL
VIF	VERIFY IN FIELD
WV	WATER VALVE
YR	YEAR



VICINITY MAP
SCALE 1"=2,000'

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DEVELOPED BY:

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REV	REVISION	DWN	DES	CHKD	DATE
B	FEIS REVISIONS	JYP	MF	MF	4/27/12

ORANGE AND ROCKLAND UTILITIES, INC.
PEARL RIVER NEW YORK

CMX
CMX ENGINEERING, SURVEY & LANDSCAPE ARCHITECTS, PC OF NEW YORK
AN AFFILIATE OF RIDGE & VENTURE, INC.

STATE OF NEW YORK · W. CHARLES UTSCHIG, JR. · 62303 · PROFESSIONAL ENGINEER

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ENGINEERING REVIEW		
DEPT.	SIGNATURE	DATE
CIVIL/SURVEY		4/24/12
TELECOM/NET		
TRANS & SUB.		
RELAY		

DWN	DES	CHKD
JYP	MF	WCU
DESIGN REVIEW		DATE 4/30/12

APPROVED 4/30/12
DATE
☐ INFORMATION
☐ COMMENTS
☐ BID
☐ CONSTRUCTION
☒ PERMIT

HARTLEY ROAD SUBSTATION

TITLE SHEET

SCALE	FILE NO.	DRAWING NUMBER			SHEET	REV.
NONE		K	F	6427	1 OF 12	B

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REDUCTION RATIO

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