LOCATION MAP (NOT TO SCALE)

SYMBOL LEGEND

CENTER LINE, FLOOR LINE, PROJECTED LINE

ELEVATION SYMBOL, MATCHLINE INDICATOR

BREAK LINE

2 / A-2 — DETAIL NUMBER / DRAWING NUMBER

DRAWING REVISION

2 / A-2 — ELEVATION/ SECTION NUMBER / DRAWING NUMBER

MATERIAL LEGEND

BRICK MASONRY
CONCRETE MASONRY UNIT
RIGID INSULATION
STEEL
GYPSUM WALL BOARD
BATT INSULATION
EARTH
ALUMINUM
CRUSHED STONE
GLASS
WOOD
CONCRETE
ACOUSTIC TILE
METALS –
TILE – CERAMIC QUARRY

PROPOSED CONVENIENCE STORE

ABBREVIATION LEGEND

		HM	HOLLOW METAL		
L	ANGLE	HORIZ	HORIZONTAL	PNL	PANEL
ACT	ACOUSTIC CEILING TILE	HP	HIGH POINT	PNT	PAINT
ABV	ABOVE	HR	HOUR	PR	PAIR
ADJ	ADJUSTABLE	HT	HEIGHT	PROJ	PROJECT
AL	ALUMINUM			PT	PAINT
ALUM	ALUMINUM				
APP	APPROVED				
		INSUL	INSULATION		
		INT	INTERIOR		
		INTERM	INTERMEDIATE		
BM	BEAM			QTY	QUANTITY
BLDG	BUILDING			QUAL	QUALITY
BLK	BLOCK				
BO	BOTTOM OF	JB	JUNCTION BOX		
BOT	BOTTOM	JNT	JOINT		
				R	RISER
				RAD	RADIUS
				RD	ROOF DRAIN
				REC	RECESSED
				REQD	REQUIRED
É	CENTER LINE			RFG	ROOFING
CLG	CEILING			RLG	RAILING
CLJ	CONTROL JOINT	L	LENGTH	RM	ROOM
		LNDG.	LANDING	RND	ROUND
CLR	CLEAR	LNTL	LINTEL	RO	ROUGH OPENING
CMU	CONCRETE MASONRY UNIT	LOC	LOCATION	RWL	RAIN WATER LEADER
COL	COLUMN	LP	LOW POINT	R.O.	ROUGH WALL OPENING
CONC	CONCRETE	LT	LIGHT		
CONST	CONSTRUCTION	LVR	LOUVER		
				SB	SPLASH BLOCK
		MAS	MASONRY	SDL	SADDLE
		MATL	MATERIAL	SECT	SECTION
DET	DETAIL	MAX	MAXIMUM	SIM	SIMILAR
DIM	DIMENSION	MECH	MECHANICAL	SLP	SLOPE
DISP	DISPENSER	MEMB	MEMBRANE		
DN	DOWN	MTL	METAL	SPEC	SPECIFICATION
DR	DOOR	MFG	MANUFACTURER	SPKLR	SPRINKLER
DTL	DETAIL	MIN	MINIMUM	SQ	SQUARE
DWG	DRAWING	MTD	MOUNTED	SS	STAINLESS STEEL
		MTG	MEETING		
				STD	STANDARD
				STL	STEEL
				STOR	STORAGE
				STRUCT	STRUCTURAL
EA	EACH	#	NUMBER		
EL	ELEVATION				
ELEC	ELECTRICAL	N/A	NOT APPLICABLE		
		NIC	NOT IN CONTRACT	T	TREAD
ENCL	ENCLOSURE	NO	NUMBER	TEMP	TEMPERED
		NTS	NOT TO SCALE	TEMP	TEMPORARY
EQ	EQUAL			THK	THICK
EQUIP	EQUIPMENT			TO	TOP OF
EWC	ELECTRIC WATER COOLER			TYP	TYPICAL
EXIST	EXISTING	OA	OVERALL		
EXP	EXPANSION	OC	ON CENTER		
EXT	EXTERIOR	OD	OUTSIDE DIMENSION	UON	UNLESS OTHERWISE NOTED
		OF	OUTSIDE FACE		
		OH	OPPOSITE HAND		
		OPNG	OPENING		
		OPP	OPPOSITE	VERT	VERTICAL
FD	FLOOR DRAIN	ORIG	ORIGINAL		
FIN	FINISH				
FLR	FLOOR				
FO	FACE OF				
				W/	WITH
				WP	WORKING POINT
GA	GAUGE	PERF	PERFORATED	WR	WATER RESISTANT
		PERIM	PERIMETER		
GL	GLASS	PERM	PERMANENT		
GR	GRADE	PERP	PERPENDICULAR		
GYP.	GYPSUM WALL BOARD	PL	PLATE		

DRAWING INDEX

DRAWING NO.	DRAWING TITLE	FIRST ISSUED DATE	REVISIONS DATE
	CIVIL ENGINEERING DRAWINGS – BY BERGMANN ASSOCIATES ASSOCIATES, P.C.		
C-1	COVER SHEET	08.17.11	
SV-1	EXISTING CONDITIONS		
OV-1	OVERALL PLAN	08.17.11	
DM-1	DEMOLITION PLAN	08.17.11	
D-1	DEVELOPMENT PLAN	08.17.11	
G-1	GRADING PLAN	08.17.11	
U-1	UTILITY PLAN	08.17.11	
L-1	LANDSCAPING PLAN	08.17.11	
DE-1	MISCELLANEOUS DETAILS	08.17.11	
DE-2	MISCELLANEOUS DETAILS	08.17.11	
DE-3	MISCELLANEOUS DETAILS	08.17.11	
DE-4	MASONRY TRASH ENCLOSURE DETAILS	08.17.11	
LG-1	LIGHTING PLAN		
	SUNOCO STANDARD DETAILS		
0-001	COVER SHEET FOR 2011 STANDARD CONSTRUCTION DETAILS	3-12-08	02-2011
3-451XX	EQUIPMENT SCHEDULE	2-5-96	02-2011
3-459	DISPENSER ISLAND DETAILS	03-21-03	05-2009
3-507 (1 of 2)	TRUCK DIESEL DISP. ASSMEBLY ENCORE 500 HI SPEED SUMP DETAILS	01-23-08	02-2011
3-507 (2 of 2)	TRUCK DIESEL DISP. ASSEMBLY ENCORE 500 HI SPEED LAYOUT	01-23-08	02-2011
3-509	OPW DISPENSER SUMP DETAILS (ENCORE 500 S)	06-16-06	02-2011
3-511	DOUBLE WALL PIPING DETAILS AND LAYOUTS	02-16-09	02-2011
3-512	OPW DISPENSER SUMP DETAILS ENCORE 500 S (4+1 DISPENSER)	06-16-06	02-2011
3-513 (1 of 4)	FIBERGLASS TANK DETAILS (TANK ELEVATION)	01-06-09	02-2011
3-513 (2 of 4)	FIBERGLASS TANK DETAILS (TANK SUMP DETAILS)	01-06-09	02-2011
3-513 (3 of 4)	FIBERGLASS TANK DETAILS (STP MATRIX AND MISC DETAILS)	01-06-09	02-2011
3-513 (4 of 4)	FIBERGLASS TANK DETAILS (TANK BURIAL AND TANK MAT)	01-06-09	02-2011
4-500XX	EXTERIOR CONCRETE DETAILS	02-05-96	02-2011
4-501	MISCELLANEOUS EXTERIOR CONCRETE DETAILS	01-04-91	02-2011
4-508	ADA SITEWORK DETAILS	06-14-06	02-2011
4-511	TYPICAL TRAFFIC MARKINGS	02-25-09	02-2011

CONTACTS

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200 FIRST FEDERAL PLAZA
ROCHESTER, NY 14614
BRIAN BURRI
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SURVEY

BERGMANN ASSOCIATES
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585-232-5135

ARCHITECT

BERGMANN ASSOCIATES
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GEOTECHNICAL ENGINEER

TIERNEY ENGINEER, PC
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SUITE 117
ROCHESTER, NY 14623
KEVIN TIERNEY
585-424-6360

CITY OF WATERTOWN

245 WASHINGTON STREET
WATERTOWN, NY 13601

PLANNING DEPARTMENT: 315-785-7730
CODE ENFORCEMENT DEPARTMENT: 315-785-7735
ENGINEERING DEPARTMENT: 315-785-7740
DEPARTMENT OF PUBLIC WORKS: 315-785-7842
ELECTRICAL DEPARTMENT: 315-785-7847
WATER DEPARTMENT: 315-785-8870

ELECTRIC COMPANY

NATIONAL GRID (800-664-6729)
21265 STATE ROUTE 232
WATERTOWN, NY 13601
TODD FROYSELL
315-785-7225

GAS COMPANY

NATIONAL GRID – (800-664-6729)
21265 STATE ROUTE 232
WATERTOWN, NY 13601
TYE GARVIN

TELEPHONE COMPANY

VERIZON
610 COFFEEN STREET
WATERTOWN, NY 13601
DALE PHILLIPS
315-785-7563

NYS HEALTH DEPARTMENT

STATE OFFICE BUILDING
317 WASHINGTON STREET
WATERTOWN, NY 13601
STEVE POWERS
315-785-2277

NYS DOT REGION 7

DULLES STATE OFFICE BUILDING
317 WASHINGTON STREET
WATERTOWN, NY 13601
CRAIG ORTLIEB – PERMITS
315-785-7981

LEGEND

MAILBOX
BUSH
CONIFEROUS TREE
DECIDUOUS TREE
STUMP
ONE-POST SIGN
TWO-POST SIGN
REBAR FOUND
IRON PIPE FOUND
PK NAIL FOUND
SURVEY CONTROL POINT
CONCRETE MONUMENT
LIGHT POLE
UTILITY POLE
UTILITY POLE WITH LIGHT
ELECTRIC BOX
GAS MARKER
GAS VALVE
WATER VALVE
HYDRANT
CATCH BASIN
TELEPHONE JUNCTION BOX
SANITARY SEWER MANHOLE
STORM SEWER MANHOLE
TEST PIT LOCATION
OHE — OVERHEAD ELECTRIC
UGE — UNDERGROUND ELECTRIC
SAN — SANITARY SEWER
ST — STORM SEWER
W — WATER LINE
UT — UNDERGROUND TELEPHONE LINE
G — GAS LINE
426 — EXISTING CONTOUR
426 — PROPOSED CONTOUR
HB — EXISTING DOT ROW
EOS — EDGE OF SHOULDER
EOP — EDGE OF PAVEMENT
X — CHAINLINK FENCE
GUIDERAIL
CONCRETE PAVEMENT
ASPHALT PAVEMENT

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Sunoco, Inc.

Bergmann associates

www.bergmannpc.com

28 East Main Street
200 First Federal Plaza
Rochester, New York 14614
585.232.5135 / 585.232.4652 fax

Engineers / Architects /Planners/ Surveyors

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

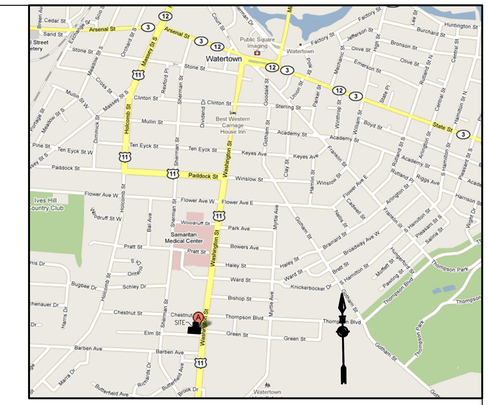
LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

COVER SHEET

SCALE No Scale

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364-0117	C-1	0
DRAWN	T. Bolt			
DATE	8/17/11			



SITE LOCATION MAP

NOT TO SCALE

REFERENCES:

1. EXISTING CONDITIONS AND DEMOLITION PLAN, (PROJ. #55023), DRAWING NO. DM-1, DATED 2-10-95.

NOTES:

1. BOUNDARY SURVEY WAS NOT PERFORMED AS PART OF THIS SURVEY. PROPERTY LINES AS SHOWN ARE APPROXIMATE.

2. THE UTILITIES SHOWN HEREON ARE BASED ON AN INSTRUMENT LOCATION OF THE ABOVE GROUND FEATURES (MANHOLES, VALVES, HYDRANTS, ETC.). THE UNDERGROUND UTILITIES (WATER LINES, GAS LINES, ETC.) ARE BASED ON THE ABOVE GROUND FEATURES AND RECORD MAPPING. UNDERGORUND UTILITIES ARE NOT CERTIFIED TO THEIR LOCATION OR COMPLETENESS.

0 20 40 60 FT

SCALE BAR
1" = 20'

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KEVIN M. SULLIVAN
L.S. No. 49963

DATE

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APP'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street
Watertown, NY
Jefferson County

PROJECT NO.

EXISTING CONDITIONS

SCALE 1" = 20'-0"

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	K. Sullivan	0364-0117	SV-1	0
DRAWN	T. Bolt			
DATE	9/22/10			

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I:\Sunoco\0409 Watertown\3.0 Dwgs\3.2 Survey\LDT\DWG\0409_SUNOCOWATERTOWN.dwg

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REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

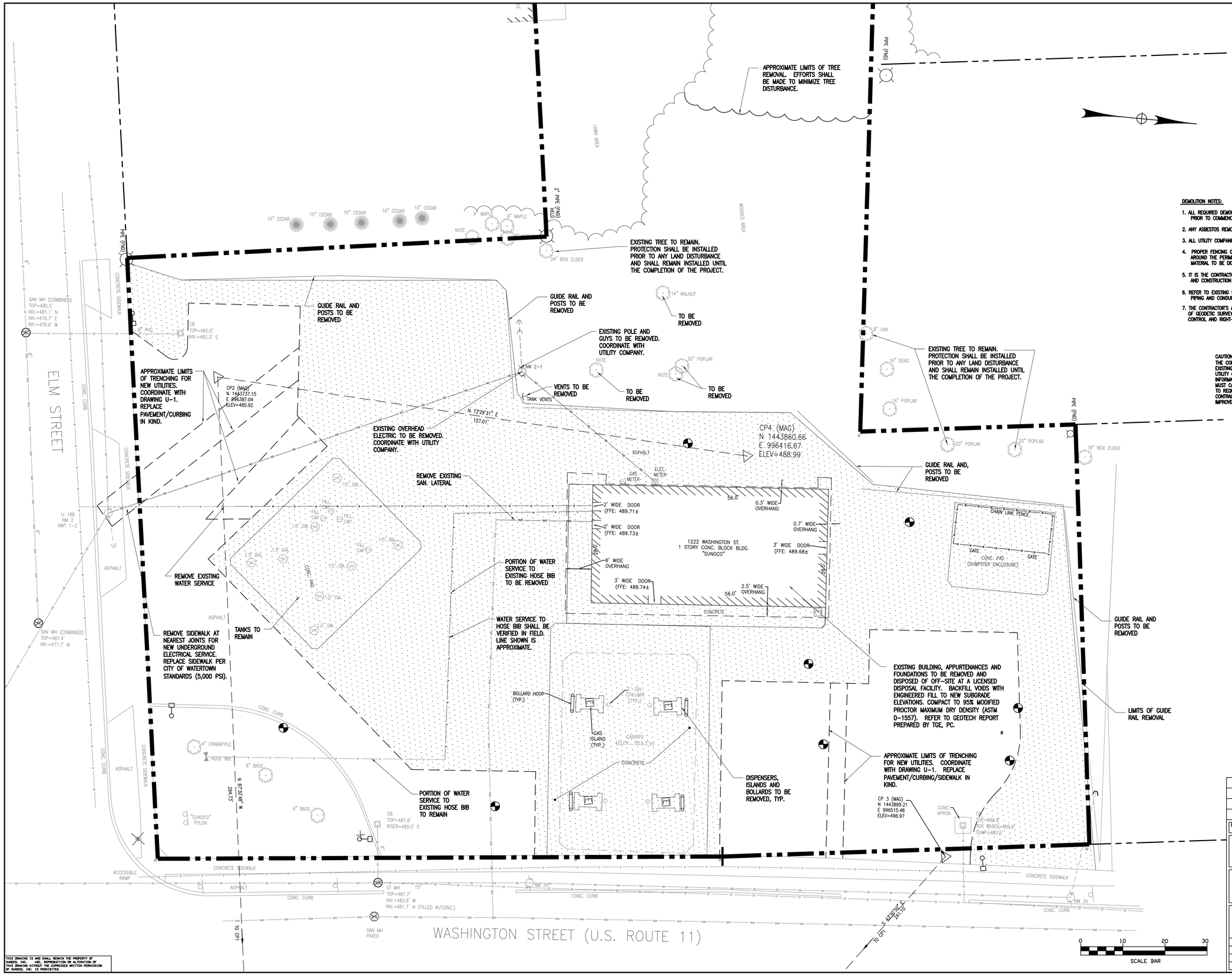
LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

OVERALL PLAN
(FOR INFORMATIONAL PURPROSES)

SCALE 1" = 20'-0"

APPROVED	FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED B. Burri	03640117	OV-1	0
DRAWN T. Bolt			
DATE 8/17/11			



DEMOLITION NOTES:

1. ALL REQUIRED DEMOLITION PERMITS MUST BE OBTAINED FROM ALL REQUIRED AGENCIES PRIOR TO COMMENCEMENT OF WORK.
2. ANY ASBESTOS REMOVAL MUST BE DONE BY A CERTIFIED ASBESTOS REMOVAL CONTRACTOR.
3. ALL UTILITY COMPANIES MUST BE NOTIFIED A MINIMUM OF 48 HOURS IN ADVANCE OF DEMOLITION.
4. PROPER FENCING OR PUBLIC PROTECTION DEVICES MUST BE CONSTRUCTED AND MAINTAINED AROUND THE PERIMETER OF THE SITE AT ALL TIMES DURING DEMOLITION PHASE. FENCING MATERIAL TO BE DETERMINED BY SUNOCO.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST, DIRT, AND DEBRIS DURING DEMOLITION AND CONSTRUCTION PHASES.
6. REFER TO EXISTING STANDARD SUNOCO CONSTRUCTION/AS-BUILT DRAWINGS FOR UNDERGROUND TANK PIPING AND CONDUITS.
7. THE CONTRACTOR'S ATTENTION DIRECTED TO THE LIABILITY INCURRED THROUGH DISTURBANCES OR DESTRUCTION OF GEODETIC SURVEY MONUMENT. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE CONTROL AND RIGHT-OF-WAY MONUMENTS IN AREAS OF CONSTRUCTION.

CAUTION – NOTICE TO CONTRACTORS:
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. DIG SAFELY: 1-800-962-7962.

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ASPHALT/CONCRETE PAVEMENT REMOVAL

BOLD OR HEAVY LINE WEIGHT ITEMS ARE ITEMS TO BE REMOVED OR RELOCATED.

NOT APPROVED:
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REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

DEMOLITION PLAN

SCALE 1" = 10'-0"

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364-0117	DM-1	0
DRAWN	T. Bolt			
DATE	8/17/11			

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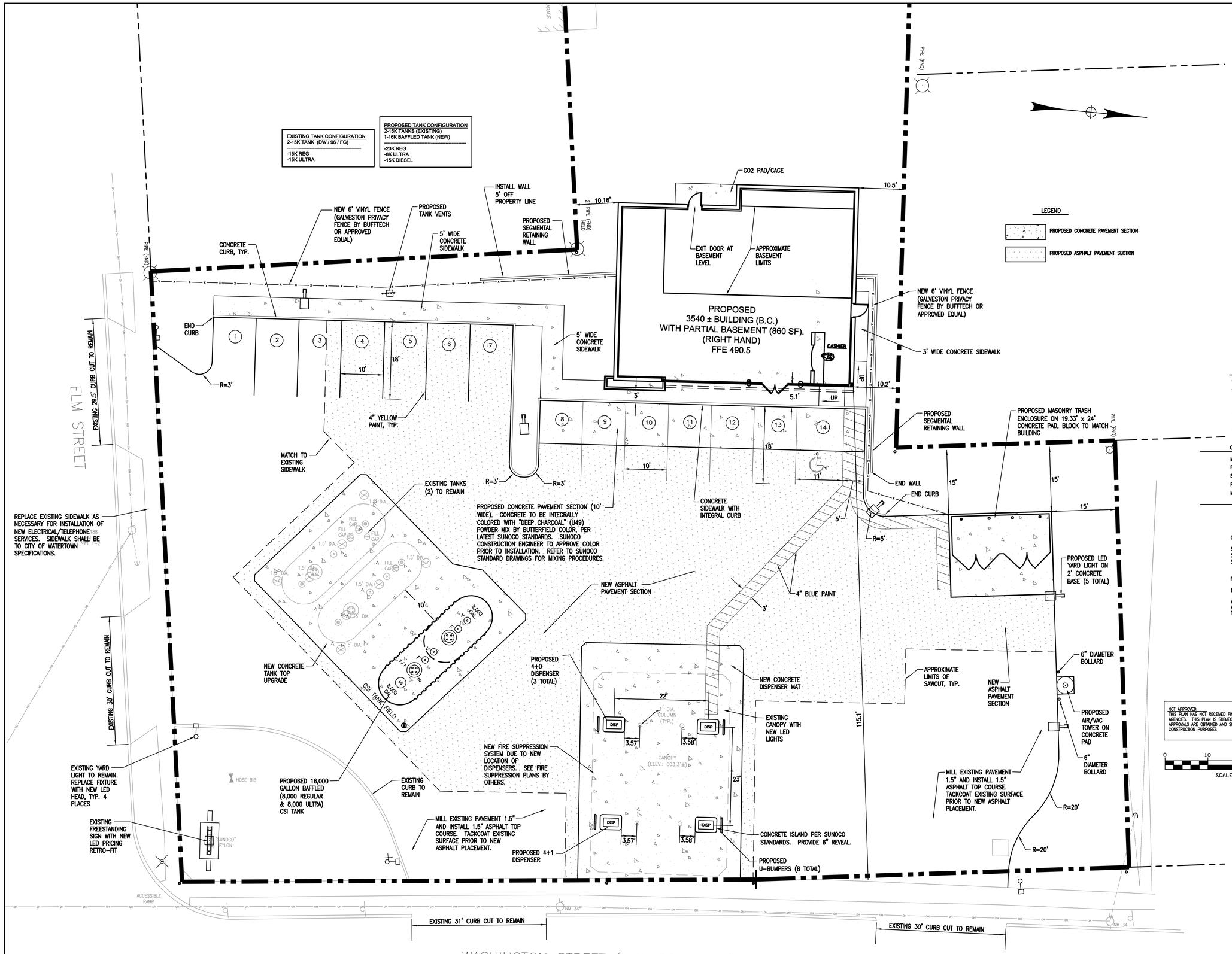

GENERAL NOTES:

1. THE CONTRACTOR'S ATTENTION DIRECTED TO THE LIABILITY INCURRED THROUGH DISTURBANCES OR DESTRUCTION OF GEODETIC SURVEY MONUMENT. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE CONTROL AND RIGHT-OF-WAY MONUMENTS IN AREAS OF CONSTRUCTION.
2. THE UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THIS MAP HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORD MAPS, THEY ARE NOT CERTIFIED TO THE ACCURACY OF THEIR LOCATION AND/OR COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND EXTENT OF ALL UNDERGROUND STRUCTURES AND UTILITIES PRIOR TO ANY DIGGING OR CONSTRUCTION ACTIVITIES IN THEIR VICINITY. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES FIELD STAKED BEFORE STARTING WORK BY CALLING 1-800-962-7962.
3. THE CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH TITLE 29 OF FEDERAL REGULATIONS, PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION(OSHA).
4. ALL ROADS, DRAINAGE SYSTEMS AND PRIVATE DRIVES SHALL BE KEPT CLEAN OF MUD, DEBRIS ETC. AT ALL TIMES.
5. REFER TO ARCHITECTURAL DRAWINGS FOR PRECISE BUILDING DIMENSIONS. CONTRACTOR RESPONSIBLE TO VERIFY ALL BUILDING CONSTRUCTION IS WITHIN PROPERTY OF SUNOCO.
6. THE CONTRACTOR SHALL CONSULT THE DESIGN ENGINEER BEFORE DEVIATING FROM THESE PLANS.
7. IN ALL TRENCH EXCAVATIONS, CONTRACTOR MUST LAY THE TRENCH SIDE SLOPES BACK TO A SAFE SLOPE, USE A TRENCH SHIELD OR PROVIDE SHEETING AND BRACING.
8. IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING DEMOLITION/CONSTRUCTION, ALL WORK SHALL STOP AND THE DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE OWNER HAS OUTLINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL AND THE DEVELOPMENT PLANS ARE MODIFIED AS MAY BE NECESSARY.
9. EXCAVATED WASTE MATERIAL REMOVED FROM THE SITE SHALL BE PLACED AT A LOCATION ACCEPTABLE TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
10. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN A MINIMUM OF 1' OF COVER OVER ALL EXISTING AND NEW STORM AND SANITARY PIPES, DURING CONSTRUCTION.
11. ALL EXISTING SURFACE APPURTENANCES TO REMAIN (I.E. WATER VALVES, CATCH BASIN FRAMES AND GRATES, MANHOLE COVERS, MONITORING WELLS) WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO FINISHED GRADE. (NO SEPARATE PAYMENT).
12. AREAS DISTURBED OR DAMAGED AS PART OF THIS PROJECTS CONSTRUCTION THAT ARE OUTSIDE OF THE PRIMARY WORK AREA SHALL BE RESTORED, AT THE CONTRACTORS EXPENSE, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
13. UNLESS COVERED BY THE CONTRACT SPECIFICATIONS OR AS NOTED ON THE PLANS, ALL WORK SHALL CONFORM TO THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 1, 2008, AND ANY SUBSEQUENT APPENDICES.

PROJECT DATA:

APPLICANT:

1. SUNOCO, INC.
   1840 LYELL AVE.
   ROCHESTER, NEW YORK
2. TAX ACCOUNT NO. 14-13-201.000
3. EXISTING ZONING: NEIGHBORHOOD BUSINESS AND RESIDENCE A
4. PROPOSED USE: 3,540 GROSS S.F. (2,400 NET S.F.) CONVENIENCE STORE/ GAS STATION

CITY OF WATERTOWN ZONING REQUIREMENTS	REQUIRED	PROPOSED
MIN. LOT SIZE (AREA)		1.1 ac. ±
FRONT YARD SETBACK	20 FT.	115.1 +/- FT.
SIDE YARD SETBACK	10 FT. (ELM STREET)	104.5 +/- FT.
REAR YARD SETBACK	0 FT.	213.3 +/- FT.
MAX. LOT COVERAGE (BUILDINGS)	40%	13.5%

OFF STREET PARKING REQUIREMENT:

5 SPACES PER 1,000 S.F.
5 x 3.54 (GROSS SF) = 18 SPACES
5 x 2.4 (NET SF) = 12 SPACES

PROPOSED OFF-STREET PARKING:

14 SPACES

AN ADDITIONAL 8 SPACES ARE PROVIDED AT THE DISPENSERS WHICH BRINGS THE TOTAL PARKING TO = 22 SPACES

NOT APPROVED:
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0 10 20 30
SCALE BAR

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REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.
		BASED ON CONCEPT PLAN CP-4, REV 1, DATED 4-14-2011			

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

DEVELOPED CONDITIONS

SCALE 1" = 10'-0"

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	03640117	D-1	0
DRAWN	T. Bolt			
DATE	8/17/11			

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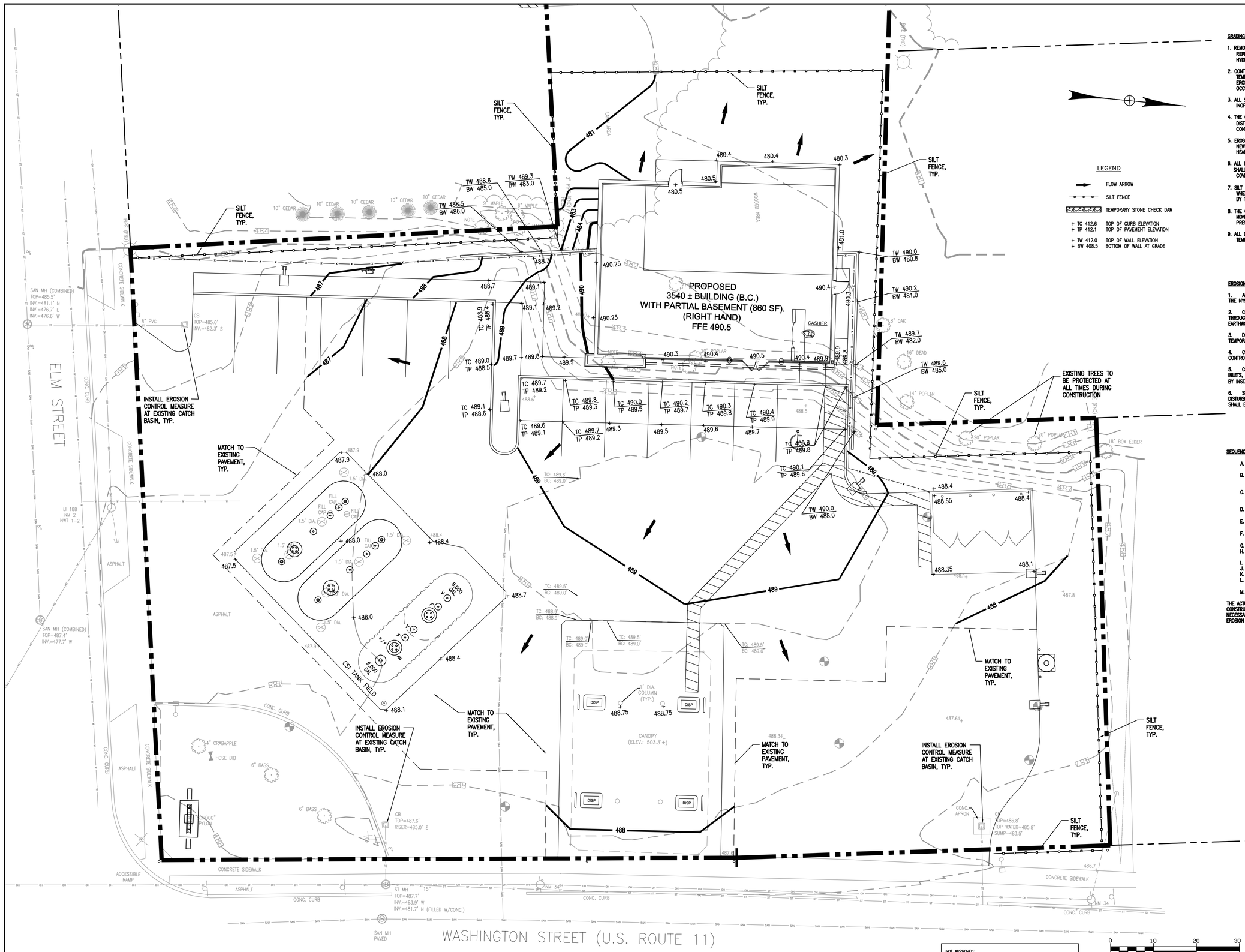

GRADING NOTES:

1. REMOVE AND STOCKPILE TOPSOIL AS DIRECTED BY THE CONSTRUCTION MANAGER. REPLACE TOPSOIL TO A MINIMUM 6" DEPTH. ALL DISTURBED AREAS TO BE HYDROSEEDED AS DIRECTED BY THE CONSTRUCTION MANAGER.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND REMOVAL OF TEMPORARY SEDIMENTATION CONTROLS, CHECK DAMS, FILTER BAGS AND SILT FENCE. EROSION CONTROL MEASURES SHALL NOT BE REMOVED BEFORE VEGETATION HAS OCCURRED COMPLETELY.
3. ALL SILT FENCE TO BE REPLACED WHENEVER THEY BECOME CLOGGED OR INOPERABLE AND SHALL BE REPLACED AT A MINIMUM OF EVERY 3 MONTHS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF TOPSOIL TO ALL DISTURBED AREAS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES.
5. EROSION CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH THE NEW YORK STATE GUIDELINES FOR URBAN EROSION SEDIMENT CONTROL MANUAL, HEALTH DEPARTMENT, AND THE CITY OF WATERTOWN REQUIREMENTS.
6. ALL INLETS TO THE STORM SEWER SHALL HAVE STONE DROP INLET PROTECTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE BEST MANAGEMENT PRACTICES(BMP'S) UNTIL GROUND COVER IS ESTABLISHED.
7. SILT FENCE, JUTE MESH, AND/OR EROSION CONTROL BLANKETS WILL BE USED ON STEEP SLOPES AND WHEREVER NECESSARY TO CONTROL EROSION AND SILTATION OF EXISTING DRAINAGE SYSTEMS AS ORDERED BY THE ENGINEER OR SPECIFIED ON PLANS.
8. THE CONTRACTOR SHALL DESIGNATE A MEMBER OF HIS/HER FIRM TO BE RESPONSIBLE TO MONITOR EROSION CONTROL, EROSION CONTROL STRUCTURES, TREE PROTECTION AND PRESERVATION THROUGHOUT CONSTRUCTION.
9. ALL DISTURBED AREAS SHALL BE PROTECTED FROM EROSION EITHER BY MULCH OR TEMPORARY SEEDING WITHIN 2 WEEKS OF DISTURBANCE.

LEGEND

→	FLOW ARROW
—•—•—	SILT FENCE
	TEMPORARY STONE CHECK DAM
+ TC 412.6	TOP OF CURB ELEVATION
+ TP 412.1	TOP OF PAVEMENT ELEVATION
+ TW 412.0	TOP OF WALL ELEVATION
+ BW 408.5	BOTTOM OF WALL AT GRADE

EROSION CONTROL NOTES:

1. ALL SITE WORK SHALL CONFORM TO THE CLEARING, STRIPPING AND EROSION CONTROL REQUIREMENTS OF THE NYSDEC AND THE CITY OF WATERTOWN.
2. CONTRACTOR TO PROVIDE, INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION. EROSION CONTROL DEVICES TO BE ESTABLISHED PRIOR TO COMMENCING EARTHWORK.
3. DISTURBED AREAS SHALL BE AS SMALL AS PRACTICAL, AND SHALL BE RESTORED, IMPROVED OR TEMPORARILY STABILIZED AS SOON AS POSSIBLE.
4. CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING, TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
5. CONTRACTOR SHALL PREVENT SEDIMENTS FROM ENTERING UTILITIES. ALL MANHOLES, CURB INLETS, FIELD INLETS, END SECTIONS OR OTHER SIMILAR DRAINAGE INLET STRUCTURES SHALL BE PROJECTED FROM SILTATION BY INSTALLING FILTER FABRIC AND/OR CRUSHED STONE.
6. SILT FENCE SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING WORK ALONG THE LIMITS OF DISTURBANCE AND SHALL BE MAINTAINED FOR THE DURATION OF THE WORK. NO SEDIMENT FROM THE SITE SHALL BE PERMITTED TO WASH OFF-SITE.

SEQUENCE OF CONSTRUCTION:

A. PRE-CONSTRUCTION MEETING HELD BY PROJECT MANAGER AND THE OPERATOR'S ENGINEER PRIOR TO LAND DISTURBING ACTIVITIES
B. CLEARLY IDENTIFY PROJECT WORK LIMITS IDENTIFYING ALL AREAS WHERE CONSTRUCTION DISTURBANCE SHALL NOT BE PERMITTED INCLUDING, BUT NOT LIMITED TO, BUFFER AREAS, WETLANDS, SELECT TREES AND ADJOINING PROPERTIES.
C. INSTALL TREE PROTECTION AND PERIMETER EROSION CONTROL MEASURES. CONSTRUCT TEMPORARY EARTHEN BERMS, SEDIMENT TRAP, SEDIMENT CONTROL CHECK DAMS AND ASSOCIATED EROSION AND SEDIMENT CONTROL MEASURES AS NECESSARY TO DIVERT RUNOFF FROM ENTERING AREAS OF PLAN.
D. ESTABLISH EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO COMMENCING EARTHWORK OPERATIONS.
E. REMOVE AND DISPOSE OF ALL REMOVED VEGETATION OFF-SITE OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
F. STRIP AND STOCKPILE TOPSOIL FROM STRUCTURAL FILL AND CUT AREAS (STOCKPILE LOCATIONS AS DIRECTED BY OWNER'S REPRESENTATIVE).
G. ESTABLISH MASS GRADE ELEVATIONS.
H. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AS WELL AS STOCK PILES ARE TO BE MULCHED AND SEEDED FOR TEMPORARY VEGETATIVE COVER IMMEDIATELY FOLLOWING GRADING.
I. CONSTRUCT STORM WATER MANAGEMENT FEATURES.
J. CONSTRUCT UTILITIES AND INFRASTRUCTURE IMPROVEMENTS.
K. FINE GRADE AND SPREAD TOPSOIL, INSTALL LANDSCAPING, SITE AMENITIES AND PERMANENT SEEDING.
L. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL FEATURES UPON ESTABLISHMENT OF PERMANENT GROUND COVER.
M. NOTIFY OWNER'S REPRESENTATIVE OF COMPLETION OF FINAL SITE STABILIZATION.

THE ACTUAL SCHEDULE FOR IMPLEMENTING POLLUTANT CONTROL MEASURES WILL BE DETERMINED BY PROJECT CONSTRUCTION PROGRESS AND THE CONTRACTOR WILL HAVE THE OPPORTUNITY TO VARY FROM THE SCHEDULE AS NECESSARY. ARRANGEMENT OF THESE ACTIVITIES ANOTHER WAY MAY BE REQUIRED TO MAINTAIN SATISFACTORY EROSION AND SEDIMENT CONTROL.

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Engineers / Architects /Planners/ Surveyors

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

GRADING/EROSION CONTROL PLAN

SCALE 1" = 10'-0"

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364-0117	G-1	0
DRAWN	T. Bolt			
DATE	8/17/11			

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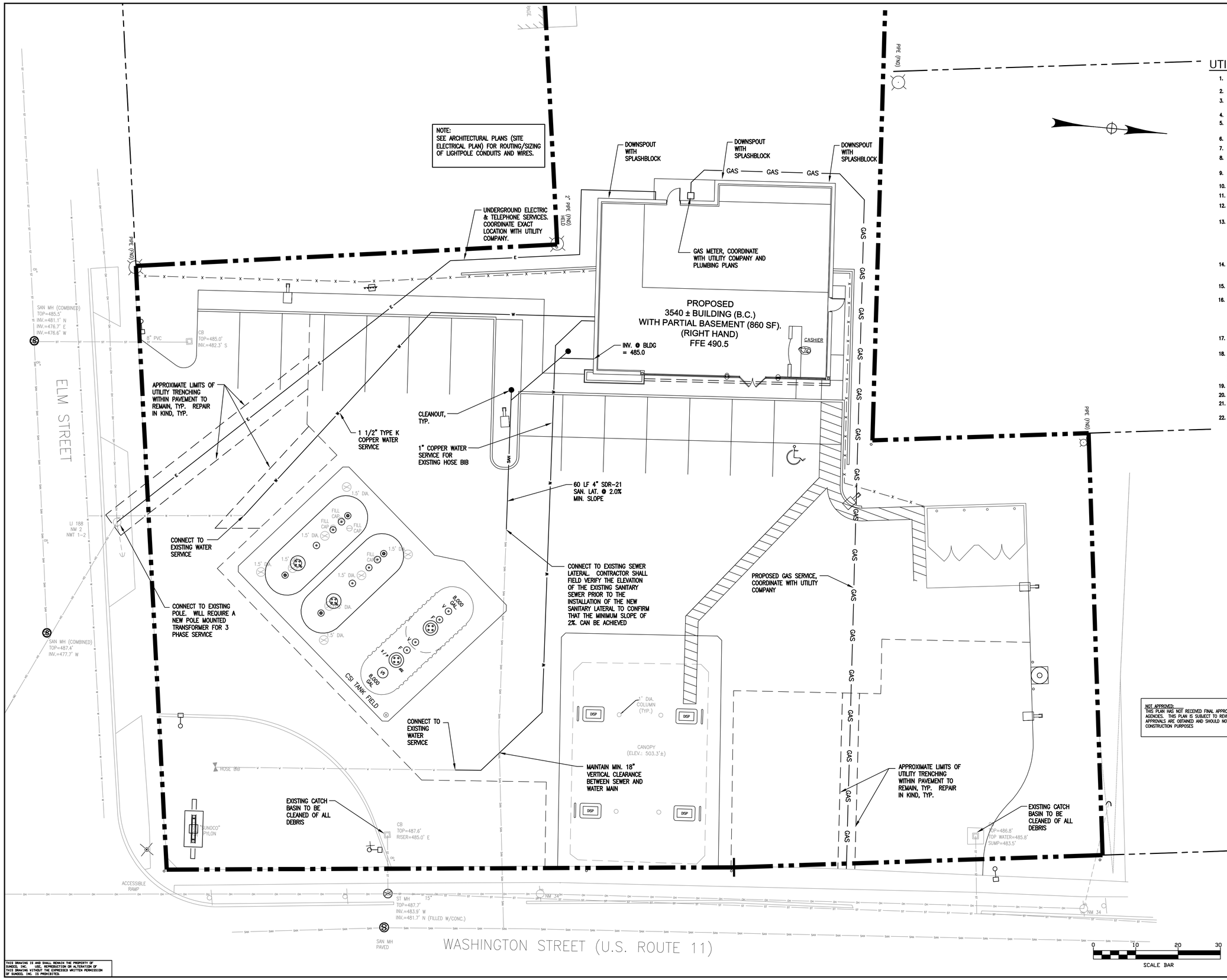

UTILITY PLAN NOTES

1. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING UTILITY DURING CONSTRUCTION AT NO COST TO THE OWNER.
2. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
3. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
4. WHERE WATER CROSSES STORM OR SANITARY SEWERS, 18" VERTICAL SEPARATION WILL BE MAINTAINED.
5. WATER LINES SHALL BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE) FROM ALL OTHER UTILITIES.
6. WATER SERVICE INSIDE THE BUILDING IS DETAILED ON THE ARCHITECTURAL DRAWINGS.
7. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
8. TOPS OF EXISTING MANHOLES, WATER VALVE BOXES, GAS VALVES, ETC. SHALL BE ADJUSTED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS.
9. ALL CONCRETE FOR ENCASEMENTS AND THRUST BLOCKS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I. UNLESS NOTED OTHERWISE.
10. DRAWINGS DO NOT PURPORT TO SHOW ALL EXISTING UTILITIES.
11. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
12. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE CONSTRUCTION REQUIREMENTS OF THE CITY OF WATERTOWN WITH REGARDS TO MATERIALS AND INSTALLATION OF THE SEWER LINES.
13. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
14. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO ANNOUNCED BUILDING POSSESSION AND THE FINAL CONNECTION OF SERVICE.
15. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
16. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE, AND GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES, IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH TOWN UTILITY REQUIREMENTS AS TO LOCATION AND SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO EXISTING UTILITIES.
17. THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS TO THE SATISFACTION OF THE RESPECTIVE UTILITY COMPANIES AND THE OWNER'S INSPECTING AUTHORITIES.
18. CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE BUT NOT LIMITED FOR ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE TO COMPLY WITH PERFORMANCE CRITERIA FOR OSHA.
19. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL DESIGN AND LAYOUT.
20. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 5'-0" COVER ON ALL WATER LINES.
21. STORM SEWER PIPE SHALL BE CORRUGATED PLASTIC PIPE (CPP) WITH SMOOTH FLOW INTERIOR, UNLESS OTHERWISE SPECIFIED.
22. ALL WATER MAIN AND SERVICE WORK MUST BE COORDINATED WITH THE CITY OF WATERTOWN WATER DEPARTMENT. THE WATER DEPARTMENT REQUIREMENTS SUPERCEDE ALL OTHER PLANS AND SPECIFICATIONS PROVIDED.

CAUTION – NOTICE TO CONTRACTORS:
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS. DIG SAFELY: 1-800-962-7962.

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REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

UTILITY PLAN

SCALE 1" = 10'-0"

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364-0117	U-1	0
DRAWN	T. Bolt			
DATE	8/17/11			

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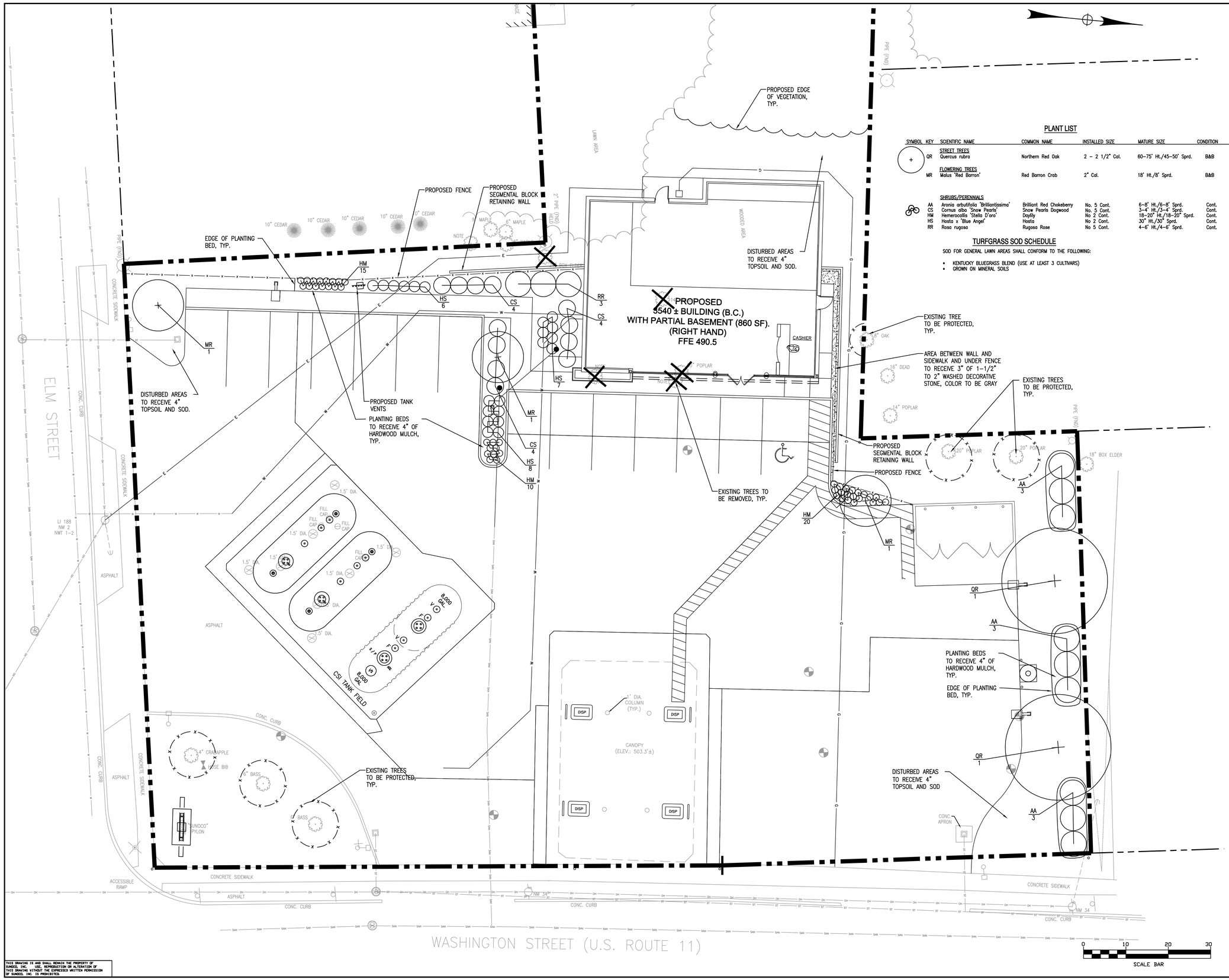

PLANT LIST

SYMBOL	KEY	SCIENTIFIC NAME	COMMON NAME	INSTALLED SIZE	MATURE SIZE	CONDITION
		STREET TREES				
+	QR	Quercus rubra	Northern Red Oak	2 – 2 1/2" Cal.	60–75' Ht./45–50' Sprd.	B&B
		FLOWERING TREES				
	MR	Malus 'Red Barron'	Red Barron Crab	2" Cal.	18' Ht./8' Sprd.	B&B
		SHRUBS/PERENNIALS				
	AA	Aronia arbutifolia 'Brillantissima'	Brilliant Red Chokeberry	No. 5 Cont.	6–8' Ht./6–8' Sprd.	Cont.
	CS	Cornus alba 'Snow Pearls'	Snow Pearls Dogwood	No. 5 Cont.	3–4' Ht./3–4' Sprd.	Cont.
	HM	Hemerocallis 'Stella D'oro'	Daylily	No 2 Cont.	18–20" Ht./18–20" Sprd.	Cont.
	HS	Hosta x 'Blue Angel'	Hosta	No 2 Cont.	30" Ht./30" Sprd.	Cont.
	RR	Rosa rugosa	Rugosa Rose	No 5 Cont.	4–6' Ht./4–6' Sprd.	Cont.

TURFGRASS SOD SCHEDULE

SOD FOR GENERAL LAWN AREAS SHALL CONFORM TO THE FOLLOWING:

- KENTUCKY BLUEGRASS BLEND (USE AT LEAST 3 CULTIVARS)
- GROWN ON MINERAL SOILS

LANDSCAPE NOTES:

1. ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL, FREE OF PESTS AND DISEASE.
2. ALL PLANTS MUST BE SUITABLE FOR USE IN THE SOIL AND CLIMATE CONDITIONS OF THE PROJECT.
3. ALL PLANTS MUST BE CONTAINER GROWN OR BALLED AND BURLAPPED AS INDICATED IN THE PLANT LIST.
4. ALL TREES MUST BE STRAIGHT TRUNKED AND FULL HEADED AND MEET ALL REQUIREMENTS SPECIFIED.
5. MULCH ALL ISLANDS AND PLANTINGS IN LAWN AREAS WITH SHREDDED HARDWOOD MULCH, TO A MINIMUM DEPTH OF FOUR INCHES.
6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
7. THE CONTRACTOR IS RESPONSIBLE FOR FULLY MAINTAINING ALL PLANT MATERIALS (INCLUDING BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) AND LAWN AREAS UNTIL THE WORK IS ACCEPTED IN TOTAL BY THE OWNER.
8. ANY PLANT MATERIAL WHICH DIES, TURNS BROWN, OR DEFOLIATES (PRIOR TO TOTAL ACCEPTANCE OF THE WORK) SHALL BE PROMPLY REMOVED FROM THE SITE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY, AND SIZE MEETING ALL PLANT LIST SPECIFICATIONS.
9. THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR A PERIOD OF ONE (1) YEARS BEGINNING ON THE DATE OF TOTAL ACCEPTANCE. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS BEFORE THE END OF THE GUARANTEE PERIOD.
10. STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" REPRESENT GUIDELINE SPECIFICATIONS ONLY AND SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
11. LOCATIONS OF EXISTING BURIED UTILITY LINES SHOWN ON THE PLANS ARE BASED UPON BEST AVAILABLE INFORMATION AND ARE TO BE CONSIDERED APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITY LINES ADJACENT TO THE WORK AREA. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION ALL UTILITY LINES DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, AND SITE APPURTENANCES, ETC., WHICH OCCURS AS A RESULT OF THE LANDSCAPE CONSTRUCTION.
12. ALL SHRUB PLANTING BEDS SHALL BE HAND SPADE CUT.
13. ALL DISTURBED/UNSURFACED AREAS SHALL RECEIVE 4" OF TOPSOIL AND SOD.
14. IRRIGATION SYSTEM FOR ALL FINE LAWN AND PLANTING AREAS SHALL BE PROVIDED AS A DESIGN BUILD SYSTEM. CONTRACTOR SHALL FURNISH CONSTRUCTION DRAWINGS OF COMPLETE IRRIGATION SYSTEM, INCLUDING BUT NOT LIMITED TO PIPING, SPRAY HEAD AND VALVE LAYOUT, ELECTRICAL CONNECTION, CONTROLLER AND POINT OF CONNECTION FOR WATER, FOR APPROVAL PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE THE POINT OF CONNECTION AND LOCATION OF IRRIGATION CONTROLLER WITH BUILDING CONTRACTOR DURING INSTALLATION..
15. SEE SHEET DE-2 FOR PLANTING DETAILS.
16. ALL EXISTING TREES SHALL BE PRESERVED WHERE POSSIBLE.

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SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

LANDSCAPE PLAN

SCALE 1" = 10'-0"

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364-0117	L-1	0
DRAWN	T. Liddell			
DATE	8/17/11			

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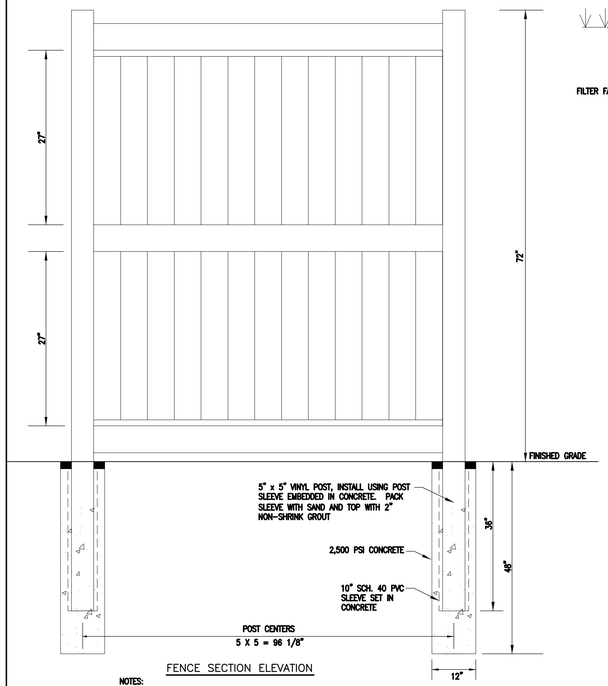


FENCE SECTION ELEVATION

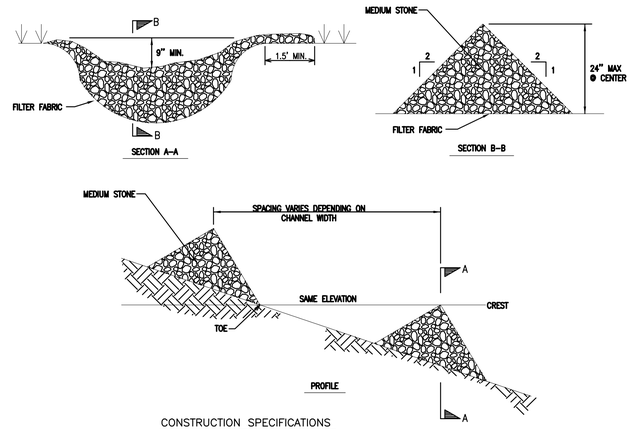
NOTES:

WHITE GALVESTON STYLE FENCE BY BUFFTECH, INC. OR APPROVED EQUAL.

1. SPECIFICATIONS SHOWN CAN BE CHANGED BY BUFFTECH ONLY.
2. FOOTING WIDTH TO BE MIN. 12" DIA. MINIMUM DEPTH 48", 2,500 PSI CONCRETE.

6'–0" HIGH WHITE VINYL FENCE

NO SCALE

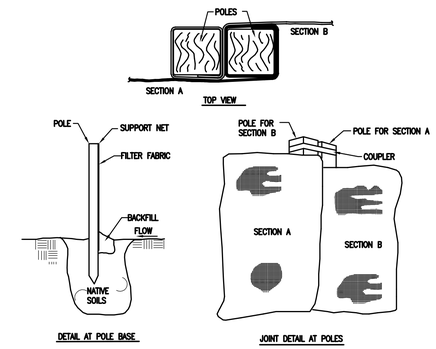


CONSTRUCTION SPECIFICATIONS

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

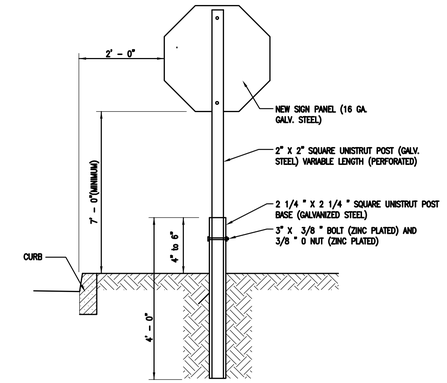
LIGHT STONE CHECK DAM

NO SCALE



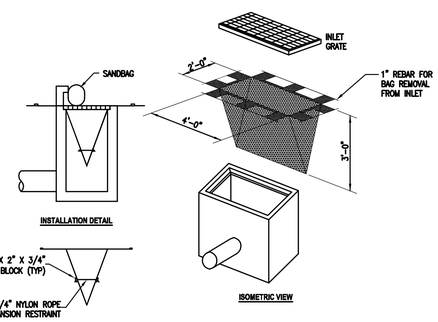
SILT FENCE INSTALLATION DETAIL

NO SCALE



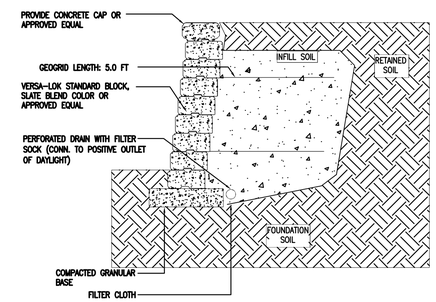
POST MOUNT SIGN INSTALLATION IN SOIL

NO SCALE



FILTER BAG INLET PROTECTION

NO SCALE



NOTES:

1. THIS DESIGN SHALL MEET OR EXCEED THE MINIMUM FACTORS OF SAFETY REQUIRED BY VERSA-LOK BASED ON THE DESIGN PARAMETERS ESTABLISHED BY THE SRW ENGINEER. THE ANALYSIS SHALL BE CONDUCTED IN ACCORDANCE WITH THE NATIONAL CONCRETE MASONRY ASSOCIATION DESIGN MANUAL FOR SEGMENTAL RETAINING WALLS, LATEST EDITION.

2. THIS IS A PRELIMINARY, NON SITE-SPECIFIC DESIGN FOR BIDDING PURPOSES ONLY. CONTRACTOR SHALL SUBMIT SIGNED AND SEALED DRAWINGS BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER TO THE DESIGN ENGINEER FOR REVIEW AND APPROVAL.

3. NO ANALYSIS OF GLOBAL STABILITY, TOTAL OR DIFFERENTIAL SETTLEMENT, OR SEISMIC EFFECTS HAS BEEN PERFORMED.

4. THIS DESIGN IS ONLY PROVIDED TO ILLUSTRATE THE GENERAL ARRANGEMENT OF THE SRW STRUCTURE. THIS DETAIL MUST BE USED IN CONJUNCTION WITH THE RELATED DETAIL DRAWINGS AND SPECIFICATIONS FOR PROPER DESIGN AND CONSTRUCTION.

5. STRUCTURES SUCH AS HANDRAILS, GUARDRAILS, FENCES, TERRACES, AND SITE CONDITIONS SUCH AS WATER APPLICATIONS, DRAINAGE AND SOIL CONDITIONS, ADDITIONAL LIVE AND DEAD LOADS, ETC., HAVE SIGNIFICANT EFFECTS ON THE WALL DESIGN AND MUST BE REVIEWED/APPROVED BY A QUALIFIED ENGINEER BEFORE BEING USED IN CONJUNCTION WITH THIS DESIGN.

6. FOR GEOGRID REINFORCED STRUCTURES, A MINIMUM LONG TERM ALLOWABLE DESIGN STRENGTH OF 14 KN/M WAS ASSUMED. CONTACT YOUR MANUFACTURER OR RISI STONE SYSTEMS FOR A LIST OF APPROVED GEOGRID REINFORCEMENTS.

SEGMENTAL RETAINING WALL DETAIL

NO SCALE

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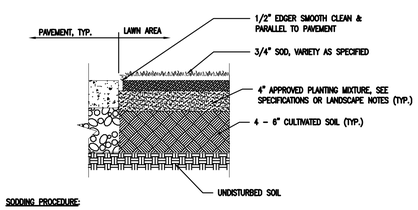
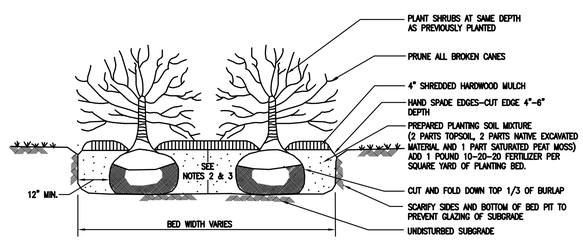


SODDING PROCEDURE:

1. CULTIVATE ENTIRE AREA TO 4"–6" DEPTH. HANDRAKE SMOOTH. SPREAD 4" OF TOPSOIL.
2. APPLY ANY SOIL MODIFICATIONS AS NECESSARY (SEE SPECIFICATIONS OR LANDSCAPE NOTES).
3. WATER AREA TO BE SODDED PRIOR TO LAYING SOD.
4. LAY AND ROLL SOD AND WATER THOROUGHLY.
5. SOD IS TO BE INSTALLED SUCH THAT TOP OF SOIL AND ROOT LAYER IS LEVEL WITH THE TOP OF PAVEMENT.
6. DO NOT LAY DORMANT SOD OR INSTALL SOD ON FROZEN OR SATURATED SOIL.
7. DO NOT OVERLAY EDGES.

SOD INSTALLATION DETAIL

NO SCALE



NOTE:

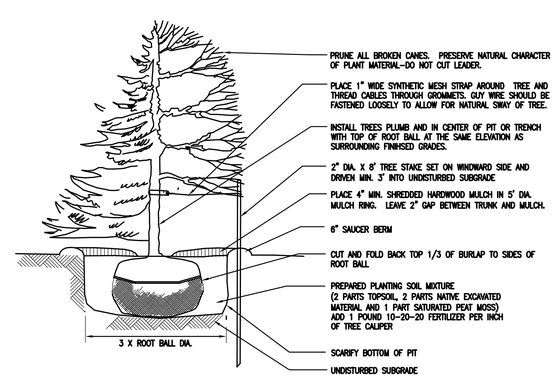
1. PLANTING BEDS SHALL BE GENTLY MOUNDED TOWARDS CENTER TO A HEIGHT OF 12". ANY MATERIAL REQUIRED TO ACHIEVE MOUNDING IN PLANTING BEDS SHALL BE SPECIFIED TOPSOIL.

2. PLANTING BED DEPTH IN LAWN AREAS SHALL BE A MIN. 12" DEEP.

3. PLANTING BED AREAS NOT IN LAWN AREAS, (INCLUDING BUT NOT LIMITED TO PARKING LOT ISLANDS AND FOUNDATION PLANTING AREAS, ETC.) SHALL BE OVER EXCAVATED TO A MIN. DEPTH OF 24" TO REMOVE ANY CONSTRUCTION DEBRIS. BACKFILL WITH PREPARED PLANTING SOIL MIXTURE AND COMPACT MIXTURE UNDER SHRUBS TO AVOID SETTLING.

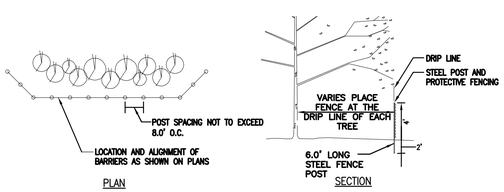
SHRUB PLANTING DETAIL

NO SCALE



TREE PLANTING DETAIL

NO SCALE



VEGETATION PROTECTION BARRIER DETAIL

NO SCALE

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Engineers / Architects /Planners/ Surveyors

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

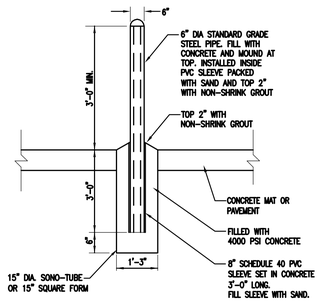
MISCELLANEOUS DETAILS

SCALE As Noted

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364–0117	DE–2	0
DRAWN	T. Bolt			
DATE	8/17/11			

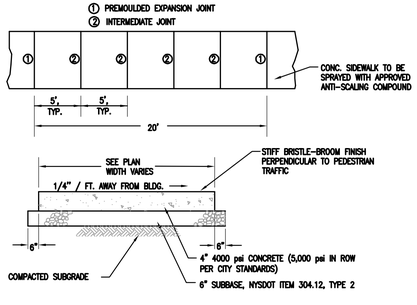
NOTES:

1. PAINT ONYX GRAY, UNLESS BUMPER POST IS USED TO PROTECT A POTENTIAL ENVIRONMENT THREAT, SUCH AS AT PROPANE TANKS, THEN PAINT SAFETY YELLOW.
2. SPACING FOR PROPER PROTECTION FROM VEHICLE IMPACT IS 4FT ON CENTER.
3. PLACE NO LESS THAN 3FT FROM PROTECTED OBJECT.
4. SEE SUNOCO STANDARD SPECIFICATIONS FOR CONCRETE REQUIREMENTS.
5. FILL MATERIAL AROUND FOOTING TO BE COMPACTED TO 95%.



6" DIA. STEEL PIPE BUMPER POST

NO SCALE

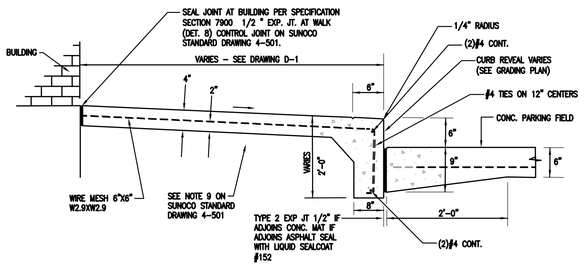


CONCRETE SIDEWALK SECTION

NO SCALE

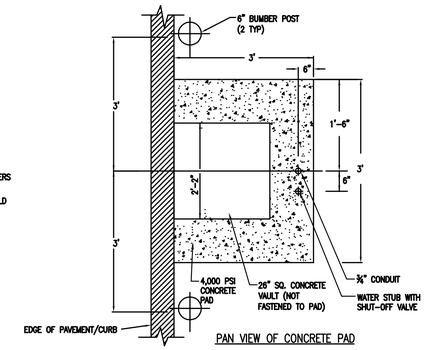
NOTES

1) SIDEWALK TO SLOPE AWAY FROM BLDG, (MAX: 1/4" PER FOOT) (MIN: 1/8" PER FOOT)
2) CONC. CURB & SIDEWALK TO BE SPRAYED WITH APPROVED ANTI-SCALING COMPOUND
3) INTERMEDIATE JOINTS TO BE AT 5', EXPANSION JOINTS TO BE AT 20'



SIDEWALK AND CURB ADJOINING DRIVEWAY

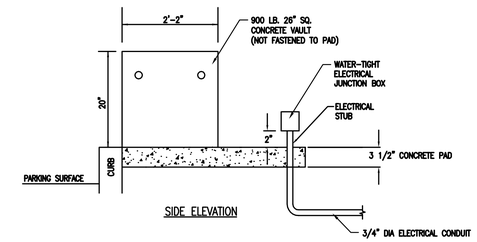
NO SCALE



PAN VIEW OF CONCRETE PAD

NOTES:

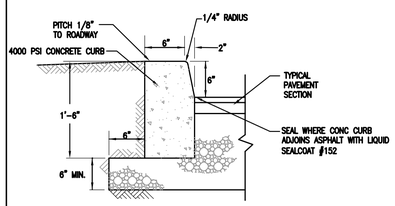
1) ELECTRICAL NEED FOR AIR OR VAC SERVICE IS #12 WIRE (20 AMP, 1 PHASE) WITH GROUND
2) ELECTRICAL NEED FOR AIR/VAC COMBINED IS #10 WIRE (30 AMP, 1 PHASE) WITH GROUND
3) WATER SOLENOID PORT CONNECTION IS 3/4" NPT FEMALE



SIDE ELEVATION

AIR SERV UNIT VAULT FOUNDATION AND MOUNTING PAD DETAIL (AIR AND/OR VAC NOT SHOWN FOR CLARITY)

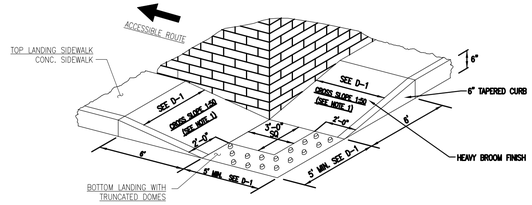
NO SCALE



CONCRETE CURB DETAIL

NO SCALE

SEE DRAWING D-1 SIDEWALK LAYOUT AND DIMENSIONS



NOTES

HC LANDING:

1) GRADING
   A) BOTTOM LANDING AREA, CROSS SLOPE AND RUNNING SLOPE NOT TO EXCEED 1:50 (2%).
2) TRUNCATED DOME SPEC:
   A) ARMOR TILE
      MFG: ENGINEERING PLASTIC, INC.
      300 INTERNATIONAL DRIVE, SUITE 100
      WILLIAMSVILLE, NY 14221
      800-682-2525
   B) SURFACE MOUNTED 2"x5" ARMOR TILE
      1/4" MAX. THICKNESS
      PART NO. ADA-S-3660 (36"x60")
      OTHER SIZES AVAILABLE THROUGH ARMOR TILE
   C) TILES TO BE COLORED FEDERAL YELLOW (FEDERAL #33538)
3) INSTALLATION INSTRUCTIONS FOR SURFACE MOUNTED TRUNCATED DOMES: GRIND SUBSTRATE, REMOVE DUST ON TILE AND SUBSTRATE, APPLY ADHESIVE TO BACK OF TILE, DRILL INTO CONCRETE, INSTALL FASTENERS, CLEAN TILE SURFACE, APPLY PERIMETER SEALANT.
4) TRUNCATED DOMES NOT INSTALLED ON RAMP.
5) TRUNCATED DOMES ARE TO BE 2'-0" MIN. IN DEPTH AND 5'-0" MIN. WIDTH OR ARE TO MATCH WIDTH OF EXISTING RAMP.

HC SIDEWALK RAMP NOTES:

1) CROSS SLOPE SHALL NOT EXCEED 1:50 (2%).
2) RUNNING SLOPE SHALL NOT EXCEED 1:12 (8.33%), SLOPE OF CURB TO FOLLOW RAMP.
3) MAXIMUM SLOPE ON SIDEWALK CURB RAMP FLARE SHALL NOT EXCEED 1:10 (10%).

HC SIDEWALK NOTES:

1) SIDEWALKS AND ACCESSIBLE PATHS;
   A) CROSS SLOPE SHALL NOT EXCEED 1:50 (2%).
   B) RUNNING SLOPE SHALL NOT EXCEED 1:20 (5%).

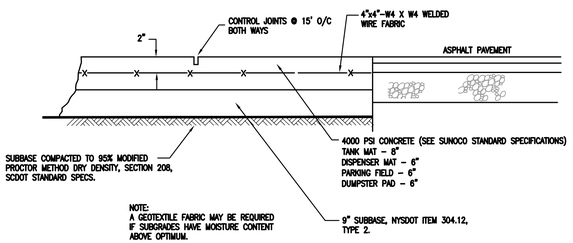
CONFIRM LATEST SUNOCO STANDARD DETAIL PRIOR TO INSTALLATION (SEE SUNOCO STANDARD DETAIL SHEET "ADA SITE WORK DETAILS").

ACCESSIBLE RAMP DETAIL @ BUILDING

NO SCALE

NOTES:

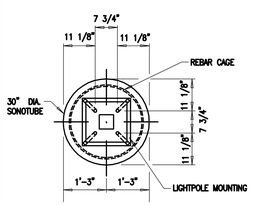
1. SEE SUNOCO STANDARD DRAWINGS FOR EXPANSION JOINT DETAILS.
2. THIS DETAIL IS FOR CONCRETE PAVEMENT AND FOR EXTERIOR CONCRETE SLABS.
3. FOR CANOPY, TANK MATS, AND CONCRETE PARKING AREAS, USE CONCRETE SEAL COAT WITH W.R. MEADOWS VOCOMP-30 PER MANUFACTURER'S INSTALLATION PROCEDURES.
   A. FOR NEW CANOPY, TANK MATS, AND CONCRETE PARKING, APPLY TWO COATS. FOR WALKWAYS APPLY ONE COAT.
   B. FOR EXISTING CONCRETE SEALER INSTALLATION, CONCRETE MUST BE CLEAN AND DRY (REMOVE ALL OIL, GREASE, AND DIRT) PRIOR TO INSTALLATION.



NOTE:
A GEOTEXTILE FABRIC MAY BE REQUIRED IF SUBGRADES HAVE MOISTURE CONTENT ABOVE OPTIMUM.

TYPICAL HEAVY DUTY CONCRETE PAVING

NO SCALE

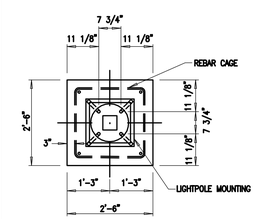


PLAN VIEW - SONOTUBE FOUNDATION

N.T.S.

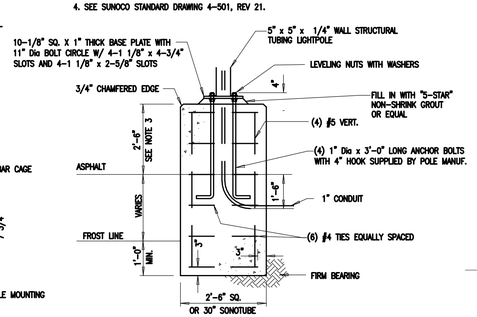
NOTES:

1. FORMED CONCRETE FOUNDATION POURS ARE TO BE PERFORMED WITH USE OF A CEMENT VIBRATOR.
2. FORMED CONCRETE SURFACES SHALL BE SURFACE FINISHED AS SOON AS PRACTICAL AND NOT LATER THAN 6 HOURS FOLLOWING FORM WORK REMOVAL. REMOVE ALL FORM TIES, FINS AND PROJECTIONS. PATCH TIE HOLES, INDENTATIONS AND OTHER SURFACE IRREGULARITIES WITH SAND CEMENT PATCHING MORTAR 3000 PSI. FILL AND REPAIR HONEYCOMB AND HOLES AS NECESSARY.
3. DIMENSION IS 2'-6" FROM ASPHALT TO TOP OF FOUNDATION AND 2'-0" FROM SURROUNDING GROUND TO TOP OF FOUNDATION..
4. SEE SUNOCO STANDARD DRAWING 4-501, REV 21.



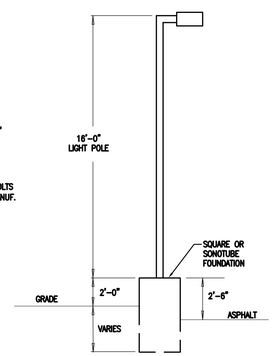
PLAN VIEW - SQUARE FOUNDATION

N.T.S.



FOUNDATION FOUNDATION

N.T.S.

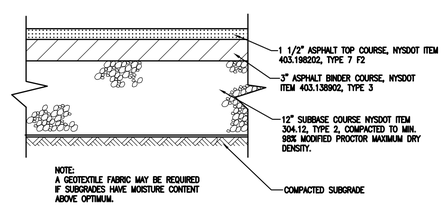


YARD LIGHT ELEVATION

N.T.S.

SITE LUMINAIRE FOUNDATION DETAIL

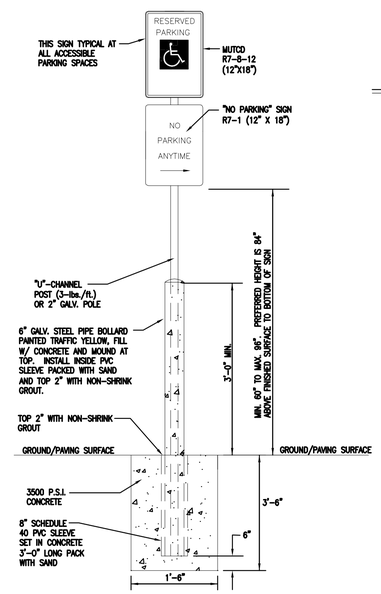
NO SCALE



NOTE:
A GEOTEXTILE FABRIC MAY BE REQUIRED IF SUBGRADES HAVE MOISTURE CONTENT ABOVE OPTIMUM.

TYPICAL ASPHALT PAVEMENT SECTION

NO SCALE



NOTE:

1. BUMPER DESIGNED TO RESIST 12,000 LBS APPLIED 36" ABOVE FINISH GRADE.

ADA SIGN DETAIL

NO SCALE

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Engineers / Architects /Planners/ Surveyors

NOT APPROVED:
THIS PLAN HAS NOT RECEIVED FINAL APPROVAL OF ALL REVIEWING AGENCIES. THIS PLAN IS SUBJECT TO REVISIONS UNTIL ALL APPROVALS ARE OBTAINED AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

MISCELLANEOUS DETAILS

SCALE As Noted

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364-0117	DE-3	0
DRAWN	T. Bolt			
DATE	8/17/11			

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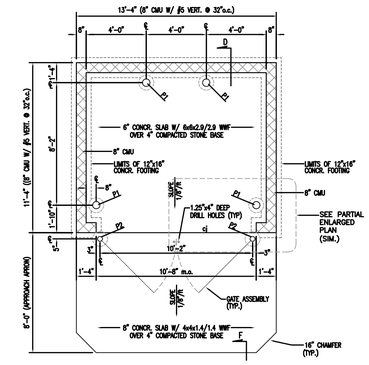
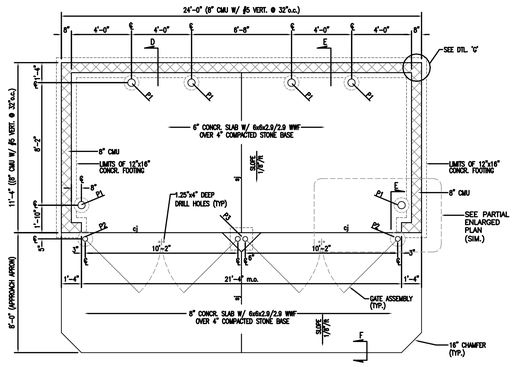


ENCLOSURE PLAN - SINGLE

SCALE: NONE



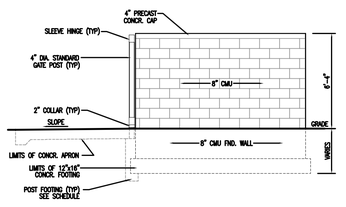
ENCLOSURE PLAN - DOUBLE

SCALE: NONE

POST/ BOLLARD SCHEDULE

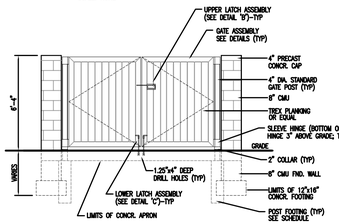
MARK	PIPE SIZE	FOOTING SIZE	FOOTING DEPTH	REMARKS	PIPE HEIGHT
P1	6" DIA.	12" DIA.	36" B.F.S.	SEPARATE POUR	4'-0" MIN. A.F.S.
P2	4" DIA.	12" DIA.	48" B.F.S.	SEPARATE POUR	6'-3" A.F.S.
P3	(2) 4" DIA.	18"x18" SQ.	48" B.F.S.		6'-3" A.F.S.

NOTES:
1. ALL FOOTINGS SHALL REST ON VIRGIN SOILS OR ENGINEERED FILL WITH A BEARING CAPACITY NO LESS THEN 1500#/PER SQ. FT.
2. WALL FOOTINGS SHALL BE ADJUSTED TO ACCOMMODATE GRADE DIFFERENTIALS
3. B.F.S. = BELOW FINISH SLAB
4. VERIFY APRON CONFIGURATION WITH FINAL LAND DEVELOPMENT PLANS
5. ALL POSTS/BOLLARDS SHALL BE GROUTED SOLID WITH DOMED TOPS
6. ALL BACKFILL MATERIALS MUST BE COMPACTED TO 95% MAX. DENSITY
7. FOR 3 OR MORE GATES; ADD P3 POSTS AND FOUNDATIONS AS NECESSARY.



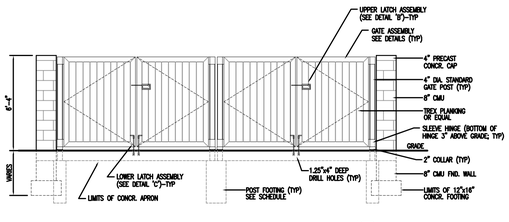
ENCLOSURE ELEVATION- SIDE (TYP)

SCALE: NONE



ENCLOSURE ELEVATION- SINGLE

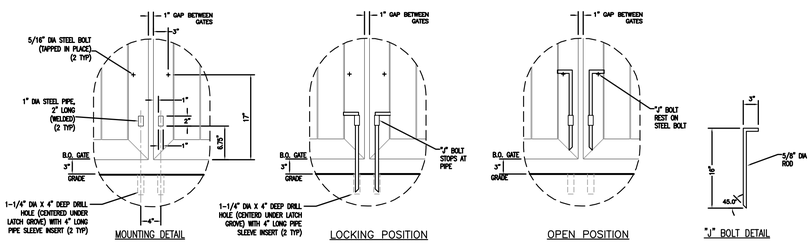
SCALE: NONE



ENCLOSURE ELEVATION - DOUBLE

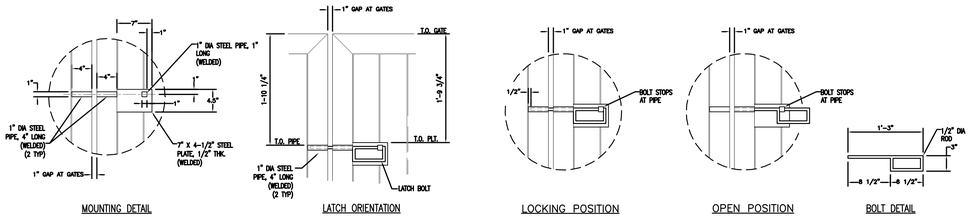
SCALE: NONE

NOTES:
1) CONCRETE WALL TO BE PAINTED SUNOCO STANDARD ONYX GREY TO MATCH CORRESPONDING STRUCTURE.
2) TREX (OR EQUAL) TO BE PURCHASED IN GREY COLOR.
3) ALL METAL MATERIAL TO BE PAINTED ONYX GREY TO MATCH CORRESPONDING STRUCTURE.



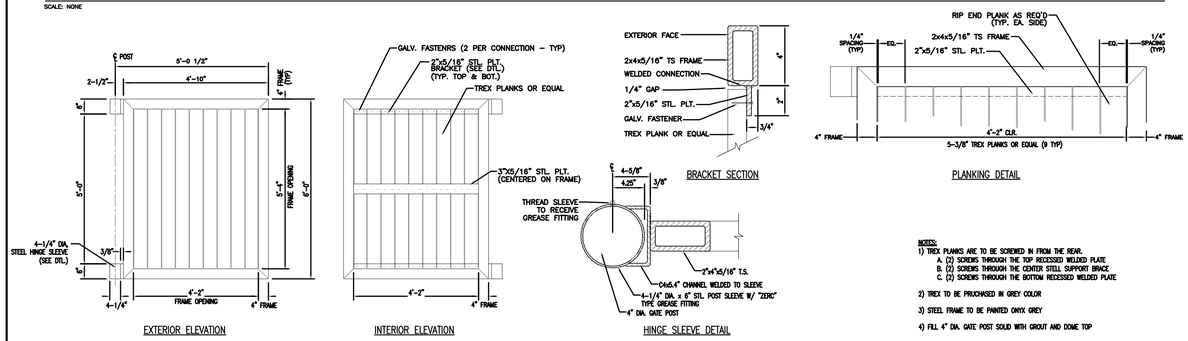
DETAIL 'C' - BOTTOM LATCH ASSEMBLY

SCALE: NONE



DETAIL 'B' - UPPER LATCH ASSEMBLY

SCALE: NONE



NOTES:
1) TREX PLANKS ARE TO BE SCREWED IN FROM THE REAR.
   A. (2) SCREWS THROUGH THE TOP RECESSED WELDED PLATE
   B. (2) SCREWS THROUGH THE CENTER STELL SUPPORT BRACE
   C. (2) SCREWS THROUGH THE BOTTOM RECESSED WELDED PLATE
2) TREX TO BE PRUCHASED IN GREY COLOR
3) STEEL FRAME TO BE PAINTED ONYX GREY
4) FILL 4" DIA. GATE POST SOLID WITH GROUT AND DOME TOP

DETAIL 'A' - GATE ASSEMBLY DETAILS

SCALE: NONE

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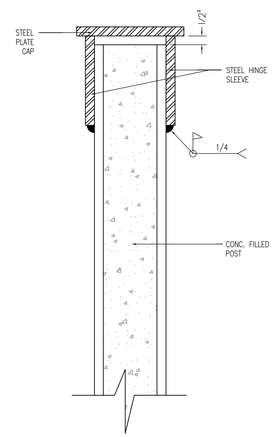
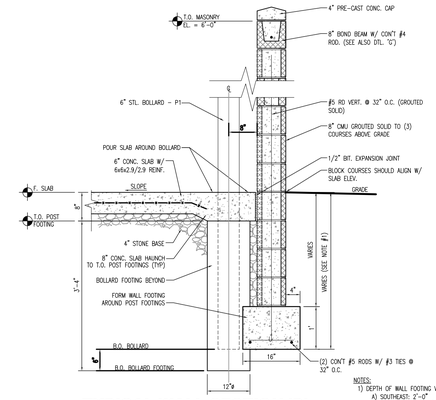


POST CAP DETAIL 'H'

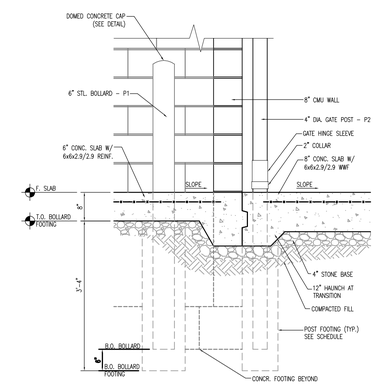
SCALE: NONE



NOTES:
1) DEPTH OF WALL FOOTING VARIES:
   A) SOUTHEAST: 2'-0"
   B) MID-ATLANTIC: 3'-0"
   C) NORTHERN AREAS: 4'-0"
   OR AS REQ'D BY LOCAL JURISDICTION
2) WALL FOUNDATION TO BE POURED SEPARATELY FROM AND AROUND THE BOLLARD FOOTINGS.
3) SEE BOLLARD SCHEDULE FOR POST FOOTING DEPTH & SIZES.

TYPICAL WALL SECTION 'D'

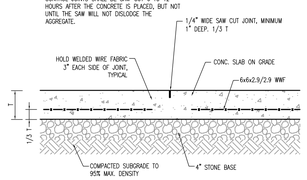
SCALE: NONE



WALL SECTION/ ELEVATION 'E'

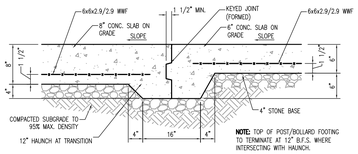
SCALE: NONE

NOTE:
CONTROL JOINTS SHALL BE SAW-CUT 6 TO 12 HOURS AFTER THE CONCRETE IS PLACED, BUT NOT UNTIL THE SAW WILL NOT DISLODGE THE AGGREGATE.



TYPICAL SAW JOINT DETAIL (sj)

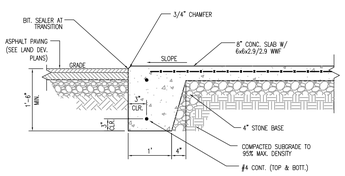
SCALE: NONE



NOTE: TOP OF POST/BOLLARD FOOTING TO TERMINATE AT 12" B.F.S. WHERE INTERSECTING WITH HAUNCH.

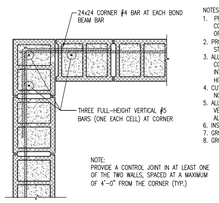
TYPICAL CONTROL JOINT DETAIL (cj)

SCALE: NONE



APRON HAUNCH DETAIL 'F'

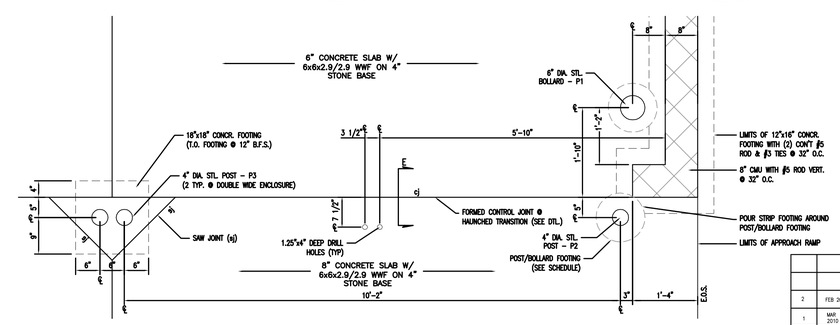
SCALE: NONE



NOTES:
1. PROVIDE CONTROL JOINTS AT A MAXIMUM L/H RATIO OF 1.5:1 IN CONTINUOUS MASONRY WALLS, NOT TO EXCEED A MAXIMUM SPACING OF 25 FEET.
2. PROVIDE CONTROL JOINT AT MINIMUM 4'-0" AWAY FROM ALL STRUCTURE CORNERS
3. ALL VERTICAL REINFORCING BARS AT WALL ENDS, EACH SIDE OF CONTROL JOINTS, AND EACH SIDE OF OPENINGS SHALL BE DOWELED INTO THE WALL SUPPORT. DOWELS MAY BE EPOXY-SET WITH HILTI HIT HY150 ADHESIVE, WITH 8" EMBEDMENT.
4. CUT ALL HORIZONTAL JOINT REINFORCING AT CONTROL JOINTS. DO NOT CUT BOND BEAM REINFORCING AT CONTROL JOINTS.
5. ALL BOND BEAM REINFORCING SHALL BE ANCHORED AROUND THE VERTICAL BARS, WITH A STANDARD HOOK, AT ALL WALL ENDS AND AT ALL VERTICAL BARS EACH SIDE OF CONTROL JOINTS.
6. INSTALL DUR0WALL TRUSS TYPE HORIZ. REINORCING EVERY OTHER BLOCK COURSE
7. GROUT ENTIRE WALL SOLID TO 3 COURSES ABOVE FINISH SLAB.
8. GROUT ALL CELLS CONTAINING VERTICAL REINFORCING SOLID.

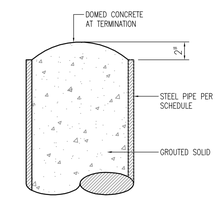
TYPICAL REINFORCING DETAIL 'G'

SCALE: NONE



PARTIAL ENLARGED PLAN

SCALE: NONE



TYP. BOLLARD CAP

SCALE: NONE

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.
2	FEB 2011	REVISED POST/BOLLARD SCHEDULE; REVISED "TYPICAL SAW JOINT DETAIL (sj)"; REVISED "TYPICAL CONTROL JOINT DETAIL (cj)"; REVISED WIRE MESH SPEC.	JDB	LV	THR
1	MAR 2010	GENERAL REVISIONS	JH/JDB	THR	MAB

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

CHAIN LINK FENCE
TRASH ENCLOSURE DETAILS

SCALE: As Noted

APPROVED		FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	B. Burri	0364-0117	DE-4	2
DRAWN	T. Bolt			
DATE				

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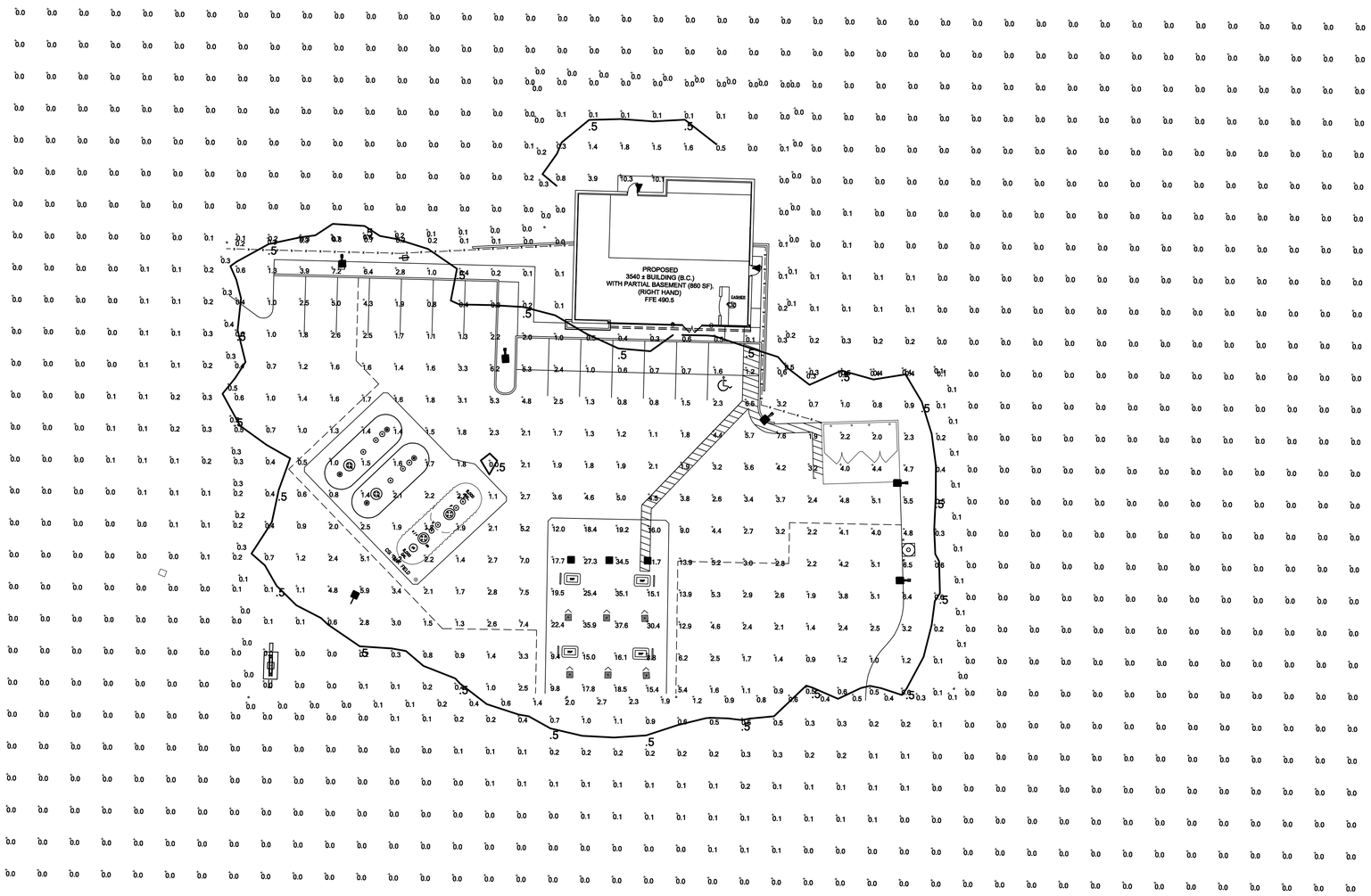
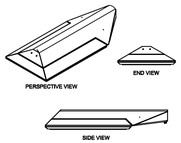


XAM3
LED Crossover Area Light



Crossover GENERATION 3

XAWS3
LED Crossover Wall Light

Crossover GENERATION 3

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Luminaire Schedule

Symbol	Qty	Label	Arrangement	Description	LLF	Lumens/Lamp	Arr. Lum. Lumens	Arr. Watts
	3	A	SINGLE	CRO3-ES-LED-84-450-CW-UE	1.000	N.A.	8951	128
	6	B	SINGLE	XAM3-FT-LED-119-350-CW-UE-HSS-PRE-S-16'POLE+ 2' BASE	1.000	N.A.	7448	138
	2	D	SINGLE	XAWS3-2-LED-63-350-CW-UE	1.000	N.A.	4978	75
	6	E	SINGLE	CRO3-A-LED-64-350-CW-UE	1.000	N.A.	6872	76

Total Project Watts
Total Watts = 1818

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	0.97	37.6	0.0	N.A.	N.A.
PL READINGS	Illuminance	Fc	0.32	2.7	0.0	N.A.	N.A.
CANOPY SUMMARY	Illuminance	Fc	21.67	37.6	8.8	2.46	4.27
PARKING SUMMARY	Illuminance	Fc	3.23	22.4	0.0	N.A.	N.A.

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine applicability of the layout to existing or future field conditions.

This lighting pattern represents illumination levels calculated from laboratory data taken under controlled conditions utilizing current industry standard lamp ratings in accordance with Illuminating Engineering Society approved methods. Actual performance of any manufacturer's luminaire may vary due to variation in electrical voltage, tolerance in lamps and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted.

LSI INDUSTRIES™
10900 ALLIANCE RD. CINCINNATI, OHIO 45240 USA
(513) 793-3200 * FAX (513) 793-6033

LIGHTING PROPOSAL FOR
SUNOCO
1255 ARSENAL ST
WATERTOWN, NY

SCALE: 1"=20'
DATE: 7/20/11
BY: MWE
LO-103834-1
SHEET 1 OF 1

20Ft

0 20 40 60
SCALE BAR

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street
Watertown, NY
Jefferson County

PROJECT NO.

LIGHTING PLAN

SCALE 1" = 20'-0"

APPROVED	FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED	0364-0117	LG-1	0
DRAWN			
DATE			

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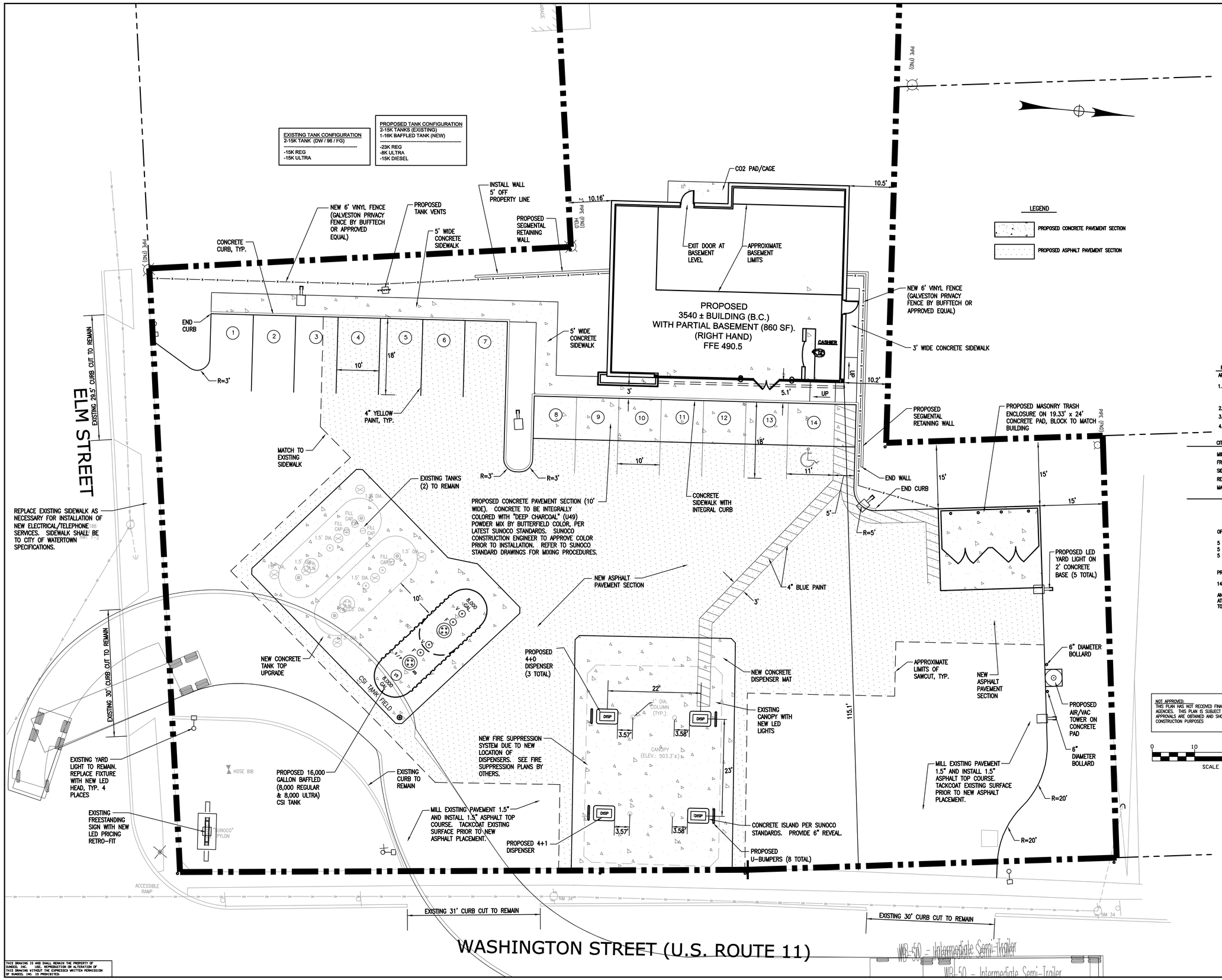

GENERAL NOTES:

1. THE CONTRACTOR'S ATTENTION DIRECTED TO THE LIABILITY INCURRED THROUGH DISTURBANCES OR DESTRUCTION OF GEODETIC SURVEY MONUMENT. THE CONTRACTOR SHALL LOCATE, MARK, SAFEGUARD, AND PRESERVE CONTROL AND RIGHT-OF-WAY MONUMENTS IN AREAS OF CONSTRUCTION.
2. THE UNDERGROUND STRUCTURES AND UTILITIES SHOWN ON THIS MAP HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORD MAPS, THEY ARE NOT CERTIFIED TO THE ACCURACY OF THEIR LOCATION AND/OR COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND EXTENT OF ALL UNDERGROUND STRUCTURES AND UTILITIES PRIOR TO ANY DIGGING OR CONSTRUCTION ACTIVITIES IN THEIR VICINITY. THE CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES FIELD STAKED BEFORE STARTING WORK BY CALLING 1-800-962-7962.
3. THE CONTRACTOR SHALL PERFORM ALL WORK IN COMPLIANCE WITH TITLE 29 OF FEDERAL REGULATIONS, PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION(OSHA).
4. ALL ROADS, DRAINAGE SYSTEMS AND PRIVATE DRIVES SHALL BE KEPT CLEAN OF MUD, DEBRIS ETC. AT ALL TIMES.
5. REFER TO ARCHITECTURAL DRAWINGS FOR PRECISE BUILDING DIMENSIONS. CONTRACTOR RESPONSIBLE TO VERIFY ALL BUILDING CONSTRUCTION IS WITHIN PROPERTY OF SUNOCO.
6. THE CONTRACTOR SHALL CONSULT THE DESIGN ENGINEER BEFORE DEVIATING FROM THESE PLANS.
7. IN ALL TRENCH EXCAVATIONS, CONTRACTOR MUST LAY THE TRENCH SIDE SLOPES BACK TO A SAFE SLOPE, USE A TRENCH SHIELD OR PROVIDE SHEETING AND BRACING.
8. IF SUSPICIOUS AND/OR HAZARDOUS MATERIAL IS ENCOUNTERED DURING DEMOLITION/CONSTRUCTION, ALL WORK SHALL STOP AND THE DEPARTMENT OF HEALTH AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION SHALL BE NOTIFIED IMMEDIATELY. WORK SHALL NOT RESUME UNTIL THE OWNER HAS OUTLINED APPROPRIATE ACTION FOR DEALING WITH THE WASTE MATERIAL AND THE DEVELOPMENT PLANS ARE MODIFIED AS MAY BE NECESSARY.
9. EXCAVATED WASTE MATERIAL REMOVED FROM THE SITE SHALL BE PLACED AT A LOCATION ACCEPTABLE TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
10. THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MAINTAIN A MINIMUM OF 1' OF COVER OVER ALL EXISTING AND NEW STORM AND SANITARY PIPES, DURING CONSTRUCTION.
11. ALL EXISTING SURFACE APPURTENANCES TO REMAIN (I.E. WATER VALVES, CATCH BASIN FRAMES AND GRATES, MANHOLE COVERS, MONITORING WELLS) WITHIN THE PROJECT LIMITS SHALL BE ADJUSTED TO FINISHED GRADE. (NO SEPARATE PAYMENT).
12. AREAS DISTURBED OR DAMAGED AS PART OF THIS PROJECTS CONSTRUCTION THAT ARE OUTSIDE OF THE PRIMARY WORK AREA SHALL BE RESTORED, AT THE CONTRACTORS EXPENSE, TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
13. UNLESS COVERED BY THE CONTRACT SPECIFICATIONS OR AS NOTED ON THE PLANS, ALL WORK SHALL CONFORM TO THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 1, 2008, AND ANY SUBSEQUENT APPENDICES.

PROJECT DATA:

APPLICANT:

1. SUNOCO, INC.
   1840 LYELL AVE.
   ROCHESTER, NEW YORK
2. TAX ACCOUNT NO. 14-13-201.000
3. EXISTING ZONING: NEIGHBORHOOD BUSINESS AND RESIDENCE A
4. PROPOSED USE: 3,540 GROSS S.F. (2,400 NET S.F.) CONVENIENCE STORE/ GAS STATION

CITY OF WATERTOWN ZONING REQUIREMENTS	REQUIRED	PROPOSED
MIN. LOT SIZE (AREA)		1.1 ac. ±
FRONT YARD SETBACK	20 FT.	115.1 +/- FT.
SIDE YARD SETBACK	10 FT. (ELM STREET)	104.5 +/- FT.
REAR YARD SETBACK	0 FT.	213.3 +/- FT.
MAX. LOT COVERAGE (BUILDINGS)	40%	13.5%

OFF STREET PARKING REQUIREMENT:

5 SPACES PER 1,000 S.F.
5 x 3.54 (GROSS SF) = 18 SPACES
5 x 2.4 (NET SF) = 12 SPACES

PROPOSED OFF-STREET PARKING:

14 SPACES

AN ADDITIONAL 8 SPACES ARE PROVIDED AT THE DISPENSERS WHICH BRINGS THE TOTAL PARKING TO = 22 SPACES

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Engineers / Architects /Planners/ Surveyors

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.
		BASED ON CONCEPT PLAN CP-4, REV 1, DATED 4-14-2011			

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 Washington Street, Watertown, NY, Jefferson County

PROJECT NO.

DEVELOPED CONDITIONS

SCALE 1" = 10'-0"

		FACILITY NO.	DRAWING NO.	REV. NO.
APPROVED		03640117	D-1	0
CHECKED	B. Burri			
DRAWN	T. Bolt			
DATE	8/17/11			

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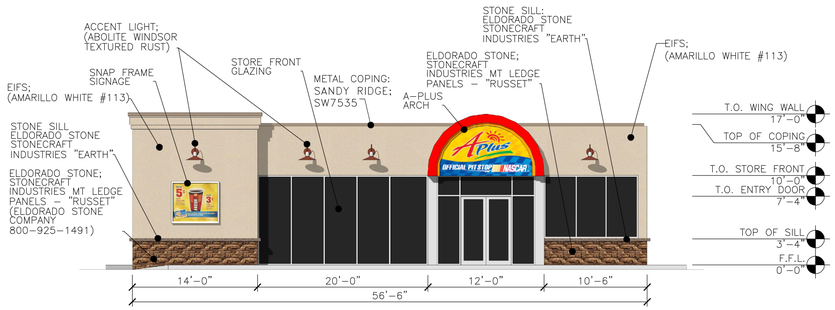
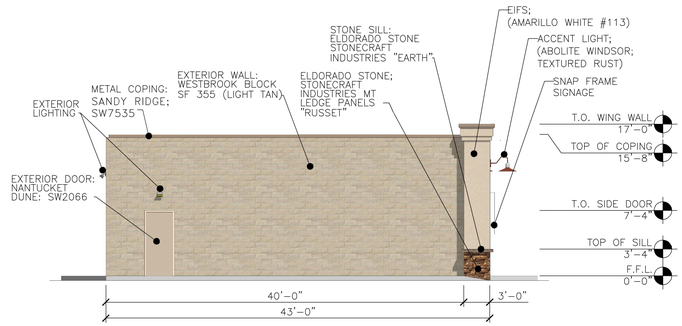


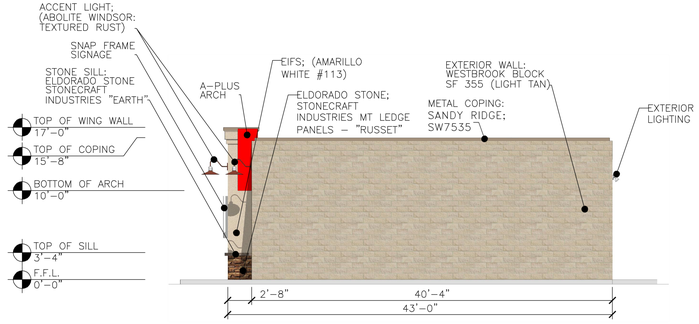
1 FRONT ELEVATION

SCALE: 1/8"=1'-0"



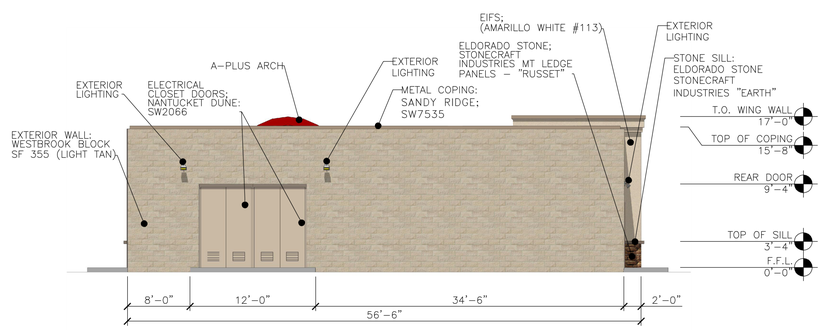
2 LEFT ELEVATION

SCALE: 1/8"=1'-0"



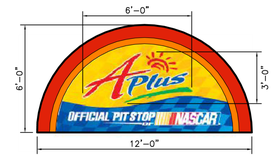
3 RIGHT ELEVATION

SCALE: 1/8"=1'-0"



4 REAR ELEVATION

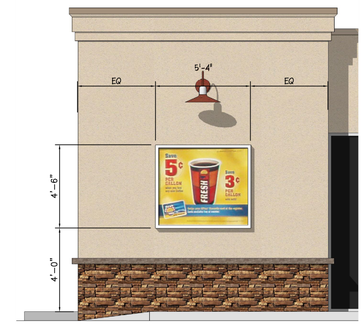
SCALE: 1/8"=1'-0"



A 12' ILLUMINATED ARCH
TOTAL S.F. = 56.5 S.F.

A PROPOSED ARCH SIGNAGE

SCALE: 1/4"=1'-0"



B SNAP FRAME SIGN
5'–4" X 4'–6" = 24 SF

B PROPOSED SPECIAL SIGNAGE

SCALE: 1/4"=1'-0"

PROPOSED SIGN SCHEDULE

MARK	DESCRIPTION	SIZE	AREA	QTY	TOTAL SF	ILLUM'D
A	BUILDING – SIGN "ILLUMINATED ARCH"	12' ARCH	56.5 SF	1	56.5	YES
B	BUILDING – SIGN "SNAP FRAME SIGN"	4'–6"(H) X 5'–4"(W)	24 SF	1	24	YES
			TOTAL BUILDING SIGNAGE: 80.5 SF			

REV. NO.	DATE	REVISIONS	DRAWN BY	CHK'D. BY	APPV'D.
0					

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200 First Federal Plaza
Rochester, New York 14614
585.232.5135 / 585.232.4652 fax

SUNOCO, INC.
Retail Engineering
Exton, PA

LOCATION: 1222 WASHINGTON STREET
WATERTOWN, NY
JEFFERSON COUNTY

PROJECT NO. 55023

PROPOSED BUILDING ELEVATIONS
AND SIGNAGE DETAILS

SCALE: AS NOTED

APPROVED BB	FACILITY NO.	DRAWING NO.	REV. NO.
CHECKED TB	0364–0117	ELEV–1	00
DRAWN AC			
DATE 8/15/2011			