

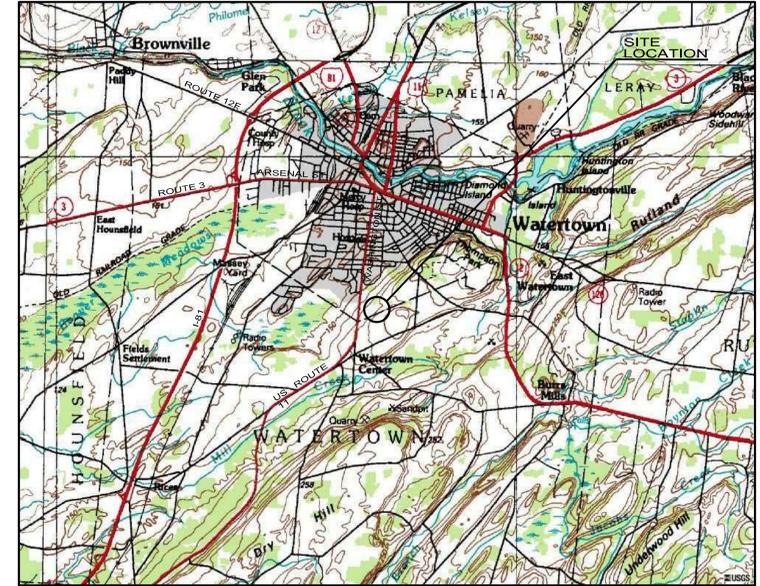
NEW YORK STATE LOCATION MAP
APPROXIMATE SCALE: 1" = 57 MILES

SAMARITAN SENIOR VILLAGE

SAMARITAN MEDICAL CENTER
WATERTOWN, JEFFERSON COUNTY, NEW YORK

SITE DEVELOPMENT PLANS

19 APRIL 2011



LOCATION MAP
APPROXIMATE SCALE 1" = 2400'

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PREPARED FOR:
SAMARITAN MEDICAL CENTER
830 WASHINGTON STREET
WATERTOWN, NY 13601
CONTACT: MR. RICHARD BROOKS (315) 785-4422

FOR APPROVALS ONLY
NOT FOR CONSTRUCTION

PATRICK J. SCORDO, P.E.
New York State Reg. No. 68965



GYMO

ARCHITECTURE,
ENGINEERING &
LAND SURVEYING
P.C.

220 STERLING STREET
WATERTOWN, NEW YORK, 13601
TEL (315) 786-3900
FAX (315) 786-0658
www.gymopc.com

ABBREVIATIONS

AC - ACRES
BLDG - BUILDING
BOT - BOTTOM
BW - BOTTOM OF WALL
C - CURVE
CB - CATCH BASIN
CF - CUBIC FEET
CI - CAST IRON
CL - CENTERLINE
CO - CLEAN OUT
CONC - CONCRETE
CMP - CORRUGATED METAL PIPE
CPP - CORRUGATED PLASTIC PIPE
DA - DELTA ANGLE
DA# - DRAINAGE AREA #
DEMOED - ITEM REMOVED OR DEMOLISHED
DI - DUCTILE IRON
DIA - DIAMETER
DWG - DRAWING
E - EAST
EG - EXISTING GRADE
EL - ELEVATION
ESC - EROSION & SEDIMENT CONTROL
FF - FINISHED FLOOR
FG - FINISH GRADE
GV - GATE VALVE
HDPE - HIGH DENSITY POLYETHYLENE PIPE
HYD - HYDRANT
IPF - IRON PIPE FOUND
IPS - IRON PIPE SET
INT - INTERSECTION
INV - INVERT
L - LENGTH
LF - LINEAR FEET
MAX - MAXIMUM
MIN - MINIMUM
N - NORTH
NO.# - NUMBER
NTS - NOT TO SCALE
NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NYSDOT - NEW YORK STATE DEPARTMENT OF TRANSPORTATION
NYSDOH - NEW YORK STATE DEPARTMENT OF HEALTH
OHW - OVERHEAD WIRE
PC - POINT OF CURVATURE
PCO - POINT OF COMPOUND CURVE
PT - POINT OF TANGENCY
PVC - POLYVINYL CHLORIDE PIPE
R - RADIUS
RCP - REINFORCED CONCRETE PIPE
ROC - RUN OF CRUSHER
ROW - RIGHT-OF-WAY
S - SOUTH
SAN - SANITARY
SDR - STANDARD DIMENSION RATIO
SNMH - SANITARY MANHOLE
STMH - STORM MANHOLE
SWPPP - STORM WATER POLLUTION PREVENTION PLAN
TC - TIME OF CONCENTRATION
TL - TANGENT LENGTH
TYP - TYPICAL
TW - TOP OF WALL
TS & V - TAPPING SLEEVE & VALVE
UNO - UNLESS NOTED OTHERWISE
W - WEST

MASTER LEGEND

LEGEND:	EXISTING	PROPOSED
5' CONTOUR	--- 410 ---	--- 500 ---
1' CONTOUR	--- 409 ---	--- 501 ---
BUILDING	[Symbol]	[Symbol]
BUSH	[Symbol]	[Symbol]
CATCH BASIN	[Symbol]	[Symbol]
CENTERLINE	---	---
CHECK DAM	[Symbol]	[Symbol]
CITY MONUMENT	[Symbol]	[Symbol]
CLEANOUT	[Symbol]	[Symbol]
CONCRETE SIDEWALK	[Symbol]	[Symbol]
CONIFEROUS TREE	[Symbol]	[Symbol]
CURB STOP	[Symbol]	[Symbol]
CURBED ROAD	[Symbol]	[Symbol]
DECIDUOUS TREE	[Symbol]	[Symbol]
EDGE OF PAVEMENT	---	---
ELECTRICAL BOX	[Symbol]	[Symbol]
ELECTRIC MANHOLE	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
FLOWERING PLANTINGS	[Symbol]	[Symbol]
FORCEMAIN	[Symbol]	[Symbol]
GAS LINE	[Symbol]	[Symbol]
3" IRON PIPE WITH CAP SET	[Symbol]	[Symbol]
IRON PIPE FOUND (AS NOTED)	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
LIGHTING BRIGHTNESS SPOT VALUE (FOOT CANDLES)	[Symbol]	[Symbol]
PROPERTY LINE	---	---
PROPERTY LINE (ADJACENT)	---	---
SEWER LINE	[Symbol]	[Symbol]
SEWER MANHOLE	[Symbol]	[Symbol]
SIGNS	[Symbol]	[Symbol]
SILT FENCE	[Symbol]	[Symbol]
SOLID WHITE LANE LINE	[Symbol]	[Symbol]
SPOT ELEVATION	580.01 +	580.03/01 +
SPOT ELEVATION (TOP CURB/BOTTOM CURB)	[Symbol]	[Symbol]
STORM LINE	[Symbol]	[Symbol]
STORM MANHOLE	[Symbol]	[Symbol]
TREELINE	[Symbol]	[Symbol]
UNDERGROUND ELECTRIC	[Symbol]	[Symbol]
UTILITY POLE & GUY WIRE	[Symbol]	[Symbol]
WATER LINE	[Symbol]	[Symbol]
WATER OUTLINE (STREAM)	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WETLANDS BOLLARD	[Symbol]	[Symbol]
WATERLINE CROSSING	[Symbol]	[Symbol]

SIGN SCHEDULE

LABEL	SIGNS	LABEL	SIGNS
A	[STOP SIGN]	D	[SPEED LIMIT 15 SIGN]
B	[HANDICAPPED SIGN]	E	[PEDESTRIAN SIGN]
C	[NO PARKING ANY TIME SIGN]	F	[NO DELIVERY TRUCKS BEYOND THIS POINT SIGN]

SIGNAGE NOTES

- ALL OUTSIDE SIGNS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH ALL DETAILS WITHIN THE STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION - METRIC STANDARD SHEETS M645-20 THROUGH M645-50. THIS INCLUDES BUT IS NOT LIMITED TO: STANDARD SIGN BLANK DETAILS (M645-50 THROUGH M645-52); STANDARD HEIGHT AND LATERAL LOCATION FOR TRAFFIC SIGNS, TYPICAL REGULATION & WARNING SIGNS ASSEMBLED (M645-55); SIGN PANEL DETAILS FOR GUIDE, INFORMATION AND OTHER SIGNS (M645-70); BI- DIRECTIONAL BREAKAWAY BASE AND HINGE ASSEMBLY (M645-72).
- ALL SIGNS AND PAINT MARKINGS ARE TO BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS AS OUTLINED IN THE LATEST VERSION OF THE FEDERAL MUTCD AND THE NYS SUPPLEMENT.

ROCK PROBE DATA

ROCK PROBE NO.	EXISTING GRADE	DEPTH TO BEDROCK
RP1	536.74'	2.10'
RP2	551.08'	1.01'
RP3	567.11'	0.30'
RP4	561.62'	LARGE ROCK SPILL AREA; UNABLE TO ACCESS
RP5	560.72'	0.93'
RP6	566.13'	1.82'
RP7	569.51'	2.13'
RP8	594.11'	0.06'
RP9	567.84'	1.18'
RP10	569.13'	3.00'
RP11	576.10'	1.40'
RP12	563.43'	0.83'
RP13	580.98'	1.44'
RP14	564.13'	1.72'
RP15	563.18'	1.65'
RP16	576.62'	1.30'
RP17	578.09'	1.10'
RP18	574.22'	0.00'
RP19	565.52'	1.60'

GENERAL NOTES

- UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN. PRIOR TO CONSTRUCTION CONTACT UNDERGROUND UTILITIES CALL CENTER OF NEW YORK FOR EXACT LOCATION OF ALL UNDERGROUND UTILITIES. (1-800-962-7962). CONTRACTOR IS RESPONSIBLE FOR LOCATING AND WORKING WITH THE APPROPRIATE UTILITY COMPANIES PRIOR TO CONSTRUCTION.
- THE TOPOGRAPHIC SURVEY WAS PERFORMED BY GYMO, PC DURING JANUARY AND FEBRUARY 2011.
- ALL OUT-OF-SCOPE AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS WILL BE RESTORED TO CONDITIONS EQUAL TO OR BETTER THAN THAT PRIOR TO CONSTRUCTION. OUTSIDE OF PROPERTY BOUNDARIES AND EASEMENT AREAS THE CONTRACTOR IS REMINDED TO OBTAIN WRITTEN AUTHORIZATION TO USE PRIVATE PROPERTY AND ASSUMES ALL LIABILITY WHEN ACCESSING THOSE PROPERTIES.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CHARACTERISTICS AND EXTENT OF SUBSURFACE SOILS, ROCK, WATER TABLE LEVELS, ETC., PRIOR TO BIDDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, SECURITY, BONDS, FEES, AND PAYMENTS TO OBTAIN SAID PERMITS WHERE APPLICABLE.
- WHEN THE PERFORMANCE OF THE CONTRACTOR'S WORK REQUIRES THE INTERRUPTION OF UTILITY SERVICES, HE/SHE SHALL ISSUE A 48 HOUR PRIOR NOTICE TO THE GOVERNING MUNICIPALITY.
- SITE CONTRACTOR TO PROVIDE EROSION AND SEDIMENT CONTROL AND DUST CONTROL.
- A LICENSED LAND SURVEYOR SHALL BE RETAINED FOR ALL UTILITY AND FIELD STAKEOUT AND AS-BUILTS AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES THROUGHOUT CONSTRUCTION UNTIL ESTABLISHMENT OF VEGETATIVE COVER. RUN-OFF CONTAINING SEDIMENTS FROM DISTURBED AREAS OF THE SITE SHALL NOT BE ALLOWED DIRECTLY OFF SITE OR INTO NATURAL STREAM CHANNELS.
- ALL EXISTING TREES TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. CONSTRUCTION ACTIVITIES ADJACENT TO TREES SHALL BE CONDUCTED TO REDUCE THE IMPACT TO TREES TO THE MAXIMUM EXTENT PRACTICAL. ANY DAMAGE TO EXISTING TREES SHALL BE REPAIRED OR THE TREE REPLACED, AS DIRECTED BY THE OWNER AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING, GRUBBING, CUTTING AND DISPOSING OF VEGETATION, TREES AND DEBRIS IN A NYSDEC ACCEPTABLE LOCATION.
- CONTRACTOR SHALL PERFORM ALL NECESSARY EARTHWORK, INCLUDING THE STRIPPING, STOCKPILING AND REPLACING OF TOPSOIL IN ACCORDANCE WITH THE PLANS. EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE.
- EXCAVATIONS SHALL BE TO DEPTHS SHOWN ON DRAWINGS. ALL UNSTABLE OR UNSUITABLE MATERIAL SHALL BE EXCAVATED AND REMOVED TO SUCH DEPTH AS REQUIRED TO PROVIDE SUFFICIENT BEARING CAPACITY. OVER-EXCAVATED AREAS SHALL BE BACKFILLED WITH SUITABLE MATERIAL.
- COMPACTION OF PIPE BEDDING AND BACKFILL MATERIAL SHALL BE BY MEANS OF HAND-GUIDED POWER DRIVEN, DRUM-TYPE, OR PLATE TAMPERS. BACKFILLING SHOULD PROCEED IN ACCORDANCE WITH LIFT THICKNESSES AND COMPACTION REQUIREMENTS AS SHOWN ON THE DRAWINGS. UNLESS OTHERWISE NOTED ON THE DRAWINGS, COMPACTION REQUIREMENTS REFER TO PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED IN ACCORDANCE WITH ASTM STANDARD D1557 METHOD "C". CARE SHALL BE TAKEN TO SHAPE PIPE BEDDING TO FIT THE LOWER PART OF THE PIPE. BACKFILLING AND COMPACTION SHOULD PROGRESS EVENLY ALONG THE PIPE SIDEWALLS AND TO THE TOP OF THE PIPE BEDDING.
- COMPACTION SHALL BE 85% MAXIMUM DRY DENSITY IN GRASS AREAS AND 90% MAXIMUM DRY DENSITY IN GRAVEL AREAS. MAXIMUM DRY DENSITY SHALL BE AS DETERMINED BY ASTM - D1557 MODIFIED PROCTOR, METHOD C. THE CONTRACTOR SHALL HIRE AN INDEPENDENT TESTING AGENCY TO PERFORM PAVEMENT TESTING PER TECHNICAL SPECIFICATIONS AND PROVIDE THE RESULTS TO THE OWNER AND CITY FOR REVIEW PRIOR TO FINAL PAYMENT.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES OF DIMENSIONS, ELEVATIONS AND LOCATIONS DURING PRECONSTRUCTION FIELD VERIFICATION, SUCH INFORMATION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR VERIFICATION OR MODIFICATION OF THE PLANS.
- WITHIN 20 DAYS AFTER THE COMPLETION OF THE BUILDING PAD AND PAVEMENT SUBGRADE BY CONTRACTOR, THE CONTRACTOR SHALL DELIVER TO THE OWNER, AN AS-BUILT SURVEY, SIGNED AND SEALED BY A LAND SURVEYOR OR ENGINEER LICENSED IN THE STATE OF NEW YORK. AS-BUILT RECORD DRAWINGS SHALL INCLUDE, AS A MINIMUM, THE FOLLOWING INFORMATION AS WELL AS ALL REQUIREMENTS OF THE SPECIFICATION:
 - RECORD OF ALL UTILITIES ENCOUNTERED IN TRENCH EXCAVATION. INFORMATION SHALL INCLUDE DIAMETER OF UTILITY, DEPTH OF BURIAL AND LOCATION WITH REFERENCE TO NEAREST STRUCTURE SHOWN ON DRAWINGS. THIS INFORMATION SHALL BE KEPT CURRENT ON A WEEKLY BASIS. FAILURE TO DO SO MAY RESULT IN WITHHOLDING OF PAYMENTS.
 - DISTANCE TIES TO ALL BENDS, VALVES, CORPORATION STOPS, WYES, MANHOLES, CLEAN OUTS, CATCH BASINS, ETC.
 - UTILITY REPAIRS, SIDEWALK, AND DRIVEWAY REPLACEMENTS CENTERLINE.
 - RM AND INVERT ELEVATIONS AND HORIZONTAL LOCATION OF MANHOLES, CATCH BASINS, AND CLEANOUTS.
 - STATIONS OF BENDS AND VALVES.
 - DENOTED BENCH MARK REFERENCES USED.
 - PERIODIC OFFSETS
 - BUILDING PAD AND PAVEMENT SUBGRADE FINAL GRADES
 - NOTATION FROM THE ENGINEER OR SURVEYOR THAT THE GRADES ARE IN CONFORMANCE WITH THE SITE PLANS.
 - RECORD DETAILS NOT SHOWN ON THE ORIGINAL CONTRACT DOCUMENTS. ANY FIELD CHANGES OF DIMENSIONS AND DETAILS AND ANY CHANGES MADE BY CHANGE ORDER OR FIELD ORDER.
 - CERTIFICATE OF SUBSTANTIAL COMPLETION SHALL NOT BE ISSUED UNTIL AS-BUILT INFORMATION IS ACCEPTABLE.
 - TWO (2) SETS OF FINAL COMPLETE RECORD DRAWINGS. CONTRACTOR SHALL FURNISH AS-BUILT DATA ON PLAN SHEETS.
- UPON COMPLETION OF STORM SEWER FACILITIES AND ESTABLISHMENT OF VEGETATION, THE NEW AND EXISTING STORM SYSTEMS RECEIVING RUNOFF FROM THIS SITE SHALL BE CLEANED OF DEBRIS. ONLY AT THIS TIME SHALL THE EROSION AND SEDIMENTATION CONTROL MEASURES BE REMOVED.
- CONTRACTOR SHALL PROVIDE SATISFACTORY DEWATERING AND DRAINAGE OF EXCAVATIONS. SEE DEWATERING AND DRAINAGE IN THE TECHNICAL SPECIFICATIONS FOR MORE DETAILED INFORMATION.
- A STORM WATER POLLUTION PREVENTION PLAN HAS BEEN PREPARED FOR THIS PROJECT. THE CONTRACTOR SHALL COMPLY WITH THE NYSDEC REQUIREMENTS WITHIN THIS REPORT.
- ALL WATERMAIN WORK IS TO BE COORDINATED WITH THE CITY OF WATERTOWN WATER DEPARTMENT. WATER DEPARTMENT REQUIREMENTS WILL SUPERCEDE ALL OTHER PLANS AND SPECIFICATIONS.
- PERMITS: THE FOLLOWING PERMITS MUST BE OBTAINED FROM THE ENGINEERING DEPARTMENT BEFORE THE START OF SITE CONSTRUCTION:
 - SIDEWALK - NO FEE
 - SANITARY SEWER LATERAL - \$ TO BE DETERMINED
 - THE NUMBER OF SEWER PERMITS REQUIRED WILL BE DETERMINED BASED ON THE PROPOSED SCHEDULE FOR COMPLETION OF THE HOUSING UNITS.
 - STORM SEWER - \$25
 - CURB CUT - \$75
 - PAVEMENT CUT - FEE BY FORMULA
 - CITY PERMIT - NO FEE

PLEASE NOTE THAT ANY CONTRACTOR WORKING WITHIN THE CITY OF WATERTOWN MUST PROVIDE A CURRENT CERTIFICATE OF LIABILITY INSURANCE (ACORD 25). IN ADDITION, NYS ALSO MANDATES PROOF OF WORKER'S COMPENSATION BE SHOWN PRIOR TO THE ENGINEERING DEPARTMENT ISSUING ANY PERMITS.

- A PERMIT MUST BE OBTAINED FROM THE CITY OF WATERTOWN WATER DEPARTMENT TO COVER ANY WORK OR MATERIALS TO BE PROVIDED BY THE WATER DEPARTMENT, INCLUDING BUT NOT LIMITED TO THE TAP AT THE MAIN AND COORDINATION WITH TYING INTO THE MAIN WITHIN THE PROJECT AREA.
- THE CITY OF WATERTOWN WATER DEPARTMENT MUST BE PRESENT TO ASSIST WITH FLUSHING OF MAINS, WITNESSING OF PRESSURE TESTING, AND PERFORMING THE DISINFECTION. THE COST OF WORK PERFORMED BY THE WATER DEPARTMENT WILL BE PAID FOR BY THE CONTRACTOR UPON THE CITY PRESENTING AN INVOICE FOR SUCH WORK.
- THERE SHALL BE NO DEVIATION FROM THE SPECIFICATIONS FOR WATER MAIN AND SERVICE MATERIALS AND CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE PLACING OF A MINIMUM OF THREE BRONZE WEDGES AT EACH PUSH-ON JOINT FOR CONTINUITY, PROPER BACKFILL PLACEMENT AND COMPACTION, AND PROPER PLACEMENT AND SIZING OF THRUST BLOCKS. ALL PIPE AND MATERIALS MUST BE MADE IN NORTH AMERICA, UNLESS OTHERWISE APPROVED, AND SHOP DRAWINGS OR CUT SHEETS FOR PIPE AND MATERIAL MUST BE APPROVED BY THE WATER DEPARTMENT.
- ALL WORK TO BE PERFORMED WITHIN THE CITY OF WATERTOWN MARGIN WILL REQUIRE SIGN-OFF FROM A PROFESSIONAL ENGINEER, LICENSED AND CURRENTLY REGISTERED TO PRACTICE IN THE STATE OF NEW YORK, THAT THE WORK WAS BUILT ACCORDING TO THE APPROVED SITE PLAN AND APPLICABLE CITY OF WATERTOWN STANDARDS. COMPACTION TESTING WILL BE REQUIRED FOR ALL WORK TO BE PERFORMED WITHIN THE CITY OF WATERTOWN MARGIN AND MUST BE SUBMITTED TO THE CITY OF WATERTOWN CODES DEPARTMENT.
- CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN ACCORDANCE WITH PREPARED SWPPP AND CONTRACTOR SHALL PROVIDE APPROPRIATE TRAFFIC CONTROL MEASURES. (FLAGGERS, SIGNS, ETC.) ALONG WASHINGTON ST.
- EXCAVATIONS AND TRENCHING SHALL BE PERFORMED IN ACCORDANCE WITH STATE OF NEW YORK INDUSTRIAL CODE, RULE 23, O.S.H.A. TITLE 29, PART 1926, NEW YORK STATE DEPARTMENT OF LABOR, TITLE 12, PART 23, AND ALL OTHER APPLICABLE SAFETY STANDARDS AND CODES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE AWARE OF AND TO CONFORM WITH ALL RULES AND RESPONSIBILITIES ASSOCIATED WITH PROVIDING A SAFE WORK PLACE. THE CONTRACTOR MUST COMPLY WITH OSHA 29 CFR PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION.

PLANNING DATA

ITEM	REQUIRED/ALLOWED	PROPOSED
BUILDING AREA	N.A.	84,000SF (FOOTPRINT)
FRONT YARD SETBACK	N/A	±775'
SIDE YARD SETBACK	5'	±80'
REAR YARD SETBACK	5'	±790'
LOADING SPACES	11 - (MIN. 10' X 30' EACH) = 3,300 SQUARE FEET	LOADING DOCK AREA + FRONT ENTRANCE LOADING AREA = 3,300SF
PARKING SPACES	BASE - 1 SPACE/3 BEDS X 288 BEDS = 96 VISITOR SPACES (RECOMMENDED) - 1 SPACE/10 BEDS X 288 BEDS = 29 TOTAL SPACES REQUIRED = 125	107 SPACES PROPOSED
LIGHT SPILLAGE OVER PL	0.5 FOOT CANDLES	±0.5 FOOT CANDLES

LIGHT FIXTURE SCHEDULE

KEY	DESCRIPTION	LAMPS	WATTS	MANUFACTURER & CATALOG NO.	ALTERNATE MANUFACTURERS	VOLTAGE	KEY NOTES	MOUNTING	RECESS DEPTH
SA1	SINGLE HEAD, SHOEBOX STYLE, PARKING LUMINAIRE, TYPE 3 FULL CUTOFF REFLECTOR	(1) 100W HPS	120	LITHONIA #KAD-100S-R3-277-RP009-DBL-L/LP WTH #R55-20-38-DM19-DBL (BLACK FINISH)	INVUE MCGRAW-EDISON STONCO	277	1,2,3,4	POLE MTD. 20'-0" AFG	N/A
SA2	SINGLE HEAD, SHOEBOX STYLE, PARKING LUMINAIRE, TYPE 3 FULL CUTOFF REFLECTOR, QUARTZ RESTRIKE WITH TD	(1) 100W HPS	120	LITHONIA #KAD-100S-R3-277-RP009-QRST-DBL-L/LP WTH #R55-20-38-DM19-DBL (BLACK FINISH)	INVUE MCGRAW-EDISON STONCO	277	1,2,3,4	POLE MTD. 20'-0" AFG	N/A
SB	SINGLE HEAD, ARCHITECTURAL STYLE POST-TOP AREA LUMINAIRE WITH TYPE 3 CUTOFF DISTRIBUTION	(1) 100W HPS	120	SPRING CITY ELECTRIC #ALMWM-HPS100-HC3-YSDP-BLACK FINISH	NO SUBSTITUTIONS	277	1,2,3,4	POLE 15'-0" AFG	N/A
SC1	SINGLE HEAD, ARCHITECTURAL STYLE POST-TOP AREA LUMINAIRE WITH TYPE 3 CUTOFF DISTRIB., QUARTZ RESTRIKE W/ TD	(1) 50W HPS	70	SPRING CITY ELECTRIC #ALMWM-HPS50-HC3-YSDP-BLACK FINISH	NO SUBSTITUTIONS	277	1,2,3,4	POLE 10'-0" AFG	N/A
SC2	SINGLE HEAD, ARCHITECTURAL STYLE POST-TOP AREA LUMINAIRE WITH TYPE 3 CUTOFF DISTRIB., QUARTZ RESTRIKE W/ TD	(1) 50W HPS	70	SPRING CITY ELECTRIC #ALMWM-HPS50-HC3-YSDP-BLACK FINISH-QUARTZ RESTRIKE WITH TIME DELAY	NO SUBSTITUTIONS	120	1,2,3,4	POLE 10'-0" AFG	N/A

KEY NOTES:

- FINAL LUMINAIRE FINISH SHALL BE SELECTED BY THE ARCHITECT DURING THE SUBMITTAL PHASE. LUMINAIRE FINISH SHALL BE PRICED AS A MANUFACTURER'S STANDARD, UNO.
- REFER TO POLE BASE DETAIL FOR ADDITIONAL INFORMATION.
- WHERE INDICATED ON ELECTRICAL SITE PLANS, PROVIDE FIXTURE WITH HOUSE-SIDE SHIELD ACCESSORY.
- ALTERNATE MANUFACTURER SHALL PROVIDE LIGHTING CALCULATIONS FOR LOCAL JURISDICTION SITE LIGHTING COMPLIANCE COMPARISON WITH SPECIFIED PRODUCT. ALTERNATE MANUFACTURER SHALL PROVIDE ANY CHANGES NECESSARY TO COMPLY WITH LOCAL JURISDICTION APPROVED SITE LIGHTING PHOTOMETRIC CALCULATIONS AT AN ADDITIONAL COST TO THE OWNER.
- PROVIDE STRAIGHT ROUND STEEL POLE WITH FIXTURE. PROVIDE POLE HEIGHT ACCORDING TO FIXTURE MOUNTING HEIGHT LISTED IN SCHEDULE ABOVE. PROVIDE SHAFT WALL THICKNESS CAPABLE OF SUPPORTING MAXIMUM ALLOWABLE EPA RATING FOR FIXTURE(S). DRILLING AND POLE FINISH SHALL MATCH FIXTURE.

GENERAL NOTES:

- ALL LIGHT FIXTURE FINISHES SHALL BE MANUFACTURER'S STANDARD AS DIRECTED BY THE OWNER.
- UNLESS OTHERWISE NOTED, REFER TO SPECIFICATIONS FOR FURTHER LIGHTING REQUIREMENTS.
- FURNISH ALL NECESSARY LUMINAIRE COMPONENTS TO FACILITATE A COMPLETE OPERATIONAL LIGHTING SYSTEM.
- CONTRACTOR SHALL OBTAIN LAMPS THROUGH ONE SOURCE FROM A SINGLE MANUFACTURER. UNO, APPROVED LAMP MANUFACTURERS SHALL BE PHILLIPS, SYLVANIA, AND GENERAL ELECTRIC.
- CONNECTIONS MADE TO ANY EXTERIOR LIGHTS SHALL UTILIZE WATERPROOF CONNECTORS.

LANDSCAPING NOTES

- PLANT SPECIES WERE SELECTED TO GROW IN EXISTING SOIL CONDITIONS AND HARDINESS ZONES. PLANT SPECIES WERE ALSO CHOSEN ACCORDING TO GROWTH HABIT, SHAPE, SIZE, COLOR, FLOWER AND FALL COLOR. ANY SUBSTITUTIONS MUST BE REVIEWED BY THE LANDSCAPE ARCHITECT OR ARCHITECT.
- ALL PLANT MATERIAL SHALL BE THOROUGHLY WATERED BY THE CONTRACTOR AT THE TIME OF PLANTING.
- CONTRACTOR SHALL INSTALL WEED BARRIER FABRIC IN ALL
- CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, FIELD MEASUREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT UNDERGROUND UTILITIES CALL CENTER OF NEW YORK (1-800-962-7962) TO OBTAIN EXACT FIELD LOCATIONS OF ALL SUCH UTILITIES PRIOR TO START OF CONSTRUCTION.

PLANTING SCHEDULE

COMMON NAME	ABBREV.	BOTANICAL NAME	SIZE	QTY.
TREES				
MAIDENHAIR TREE	MT	GINKGO BILOBA	1.5" CAL.	4
AUTUMN BLAZE MAPLE	ABM	ACER X FREEMANI 'AUTUMN BLAZE MAPLE'	2" CAL.	12
SHADEMASTER HONEY LOCUST	SL	GLEDITSIA 'T.L. 'SHADEMASTER'	2" CAL.	9
NORTHERN CATALPA	NC	CATALPA SPECIOSA	2" CAL.	3
KENTUCKY COFFEETREE	KC	GYNOCLODUS DIODUS	1.5" CAL.	9
BURR OAK	BO	QUERCUS MACROCARPA	2" CAL.	4
COMMON HACKBERRY	CH	CELTIS OCCIDENTALIS	2" CAL.	6
AUTUMN BRILLIANCE SERVICEBERRY	AS	AMELANCHIER X GR. 'AUTUMN BRILLIANCE SERVICEBERRY'	1.5" CAL. CLUMP FORM	14
SUGAR TYME CRAPAPPLE	SC	MALUS 'SUGER TYME'	1.75" CAL.	6
SPRING SNOW CRABAPPLE	SSC	MALUS 'SPRING SNOW'	1.75" CAL.	4
PINKSPIRE CRABAPPLE	PC	MALUS 'PINKSPIRE'	1.75" CAL.	6
AMUR MAACKIA	AM	MAACKIA AMURENSIS	1.75" CAL.	10
IVORY SILK TREE LILAC	IL	SYRINGA RETICULATA 'IVORY LILAC'	1.75" CAL.	11
WHITE FIR	WF	ABIES CONCOLOR	5-6' B.B.	7
NORWAY SPRUCE	NS	PICEA ABIES	5-6' B.B.	4
WHITE SPRUCE	WS	PICEA GLAUCA	5-6' B.B.	4
SHRUBS				
ANTHONY WATERER SPIREA	AS	SPIREA BULMALDA 'ANTHONY WATERER'	3 GAL.	9
GOLD FLAME SPIREA	GS	SPIREA BULMALDA 'GOLDFLAME'	3 GAL.	18
LITTLE PRINCESS SPIREA	LP	SPIREA JAPONICA 'LITTLE PRINCESS'	3 GAL.	20
MANGO TANGO POTENTILLA	MP	POTENTILLA FRUTICOSA 'UMA'	3 GAL.	12
PURPLE LEAF SAND CHERRY	PC	PRUNUS 'CISTENA'	4" B.B.	3
WOODWARDI ARBORVITAE	WA	THUJA OCCIDENTALIS 'WOODWARDI'	12" B.B.	19
DAY LILIES	DL	HEMEROCALLIDUS (MIXED COLORS)	1 GAL.	120
ABBOTTWOOD POTENTILLA	AP	POTENTILLA FRUTICOSA 'ABBOTTWOOD'	3 GAL.	7
EMERALD GAITY EUONYMUS	EE	EUONYMUS FORTUNEI 'EMERALD GAITY'	2 GAL.	6

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GENERAL NOTES AND INFORMATION
PROPOSED SAMARITAN SENIOR VILLAGE BY
SAMARITAN MEDICAL CENTER
WASHINGTON STREET, WATERTOWN, NEW YORK

Project No: 2010-207E
Scale: As Noted
Date: 3/17/11
Drawn By: THR
Designed By: RGC/PJS
Checked By:
Date Issued: 4/19/11
Drawn No:

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C001

DEED REFERENCE:
REMAINING LANDS OF
Nathalie S. Fairfax and
Margaret S. Whiteford
to
The City School District of the
City of Watertown, New York
Liber 878, Page 441
Recorded December 14, 1976
Area = 21.72 acres
(Calculated per Tax Map)
Tax Parcel 13-23-101

DEED REFERENCE:
(Portion of Conveyance)
Nathalie S. Fairfax and
Margaret S. Whiteford
to
The City School District of the
City of Watertown, New York
Liber 878, Page 441
Recorded December 14, 1976
Area = 13.618 acres (Ground Acres)
Tax Parcel 13-23-101

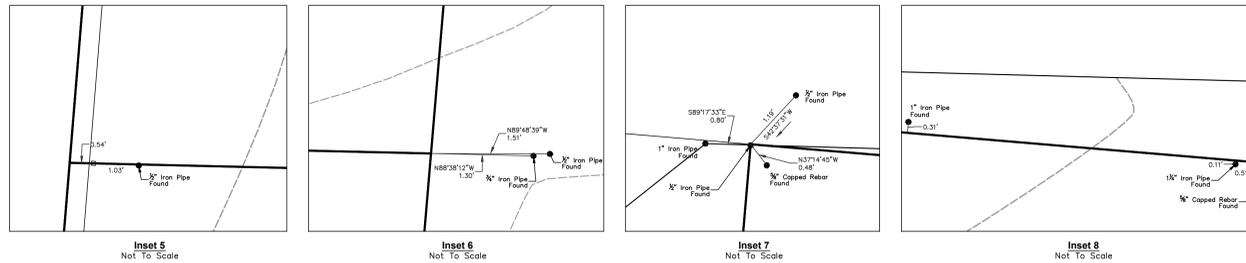
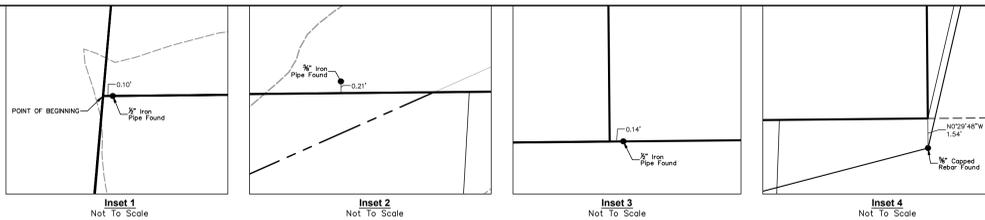
DEED REFERENCE:
Nathalie S. Fairfax and
Margaret S. Whiteford
to
The City School District of the
City of Watertown, New York
Liber 878, Page 441
Recorded December 14, 1976
Area = 8.922 acres (Ground Acres)
Tax Parcel 91.05-1-13

Margaret S. Whiteford
and Nathalie S. Fairfax
to
The City School District of the
City of Watertown, New York
Liber 842, Page 1053
Recorded January 12, 1973
Tax Parcel 13-23-101.001

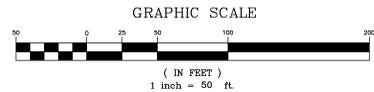
Margaret S. Whiteford
and Nathalie S. Fairfax
to
The City School District of the
City of Watertown, New York
Liber 842, Page 1053
Recorded January 12, 1973
Tax Parcel 91.05-1-14

Robert B. Spink, as Executor
of the Last Will and Testament of
B. Robert Spink
to
Ray Thomas Spink, et al.
File Number 2005-4435
Recorded March 23, 2005
Tax Parcel 91.05-1-15

Jefferson County Industrial
Development Agency
to
Washington Summit
Associates, LLC
File Number 2007-8656
Recorded May 22, 2007
Tax Parcel 91.05-1-11.3



- LEGEND:**
- - 1/2" IRON PIPE WITH CAP SET
 - - IRON PIPE FOUND (As Noted)
 - - UTILITY POLE
 - - RAIL ROAD SPIKE FOUND
 - ⊙ - LIGHT POLE
 - ⊙ - GUY ANCHOR
 - ⊙ - FIRE HYDRANT
 - ⊙ - WATER VALVE
 - ⊙ - GAS MARKER
 - ⊙ - GAS VALVE
 - ⊙ - 3"-4" MAPLE
 - ⊙ - TRAFFIC SIGNAL POLE
 - ⊙ - SANITARY SEWER MANHOLE
 - ⊙ - STORM SEWER MANHOLE
 - - UNDERGROUND WATER LINE
 - - UNDERGROUND GAS LINE
 - - OVERHEAD UTILITY LINES
 - - SANITARY SEWER LINE
 - - STORM DRAIN LINE
 - - CHAIN LINK FENCE
 - - CONCRETE CURB
 - - CENTERLINE OF STREAM
 - - INDEX CONTOUR
 - - CONTOUR
 - - SINGLE POST SIGN
 - - DOUBLE POST SIGN
 - - EDGE OF BRUSH



EASEMENT REFERENCES:

- 50 foot wide electric and telephone transmission line easement granted by Margaret S. Whiteford and Nathalie Fairfax to Niagara Mohawk Power Corporation recorded November 19, 1956 in Liber 639, at Page 98 as shown on this map.
- A 50 foot wide right of way as reserved in a conveyance made by Margaret S. Whiteford and Nathalie Fairfax to Lettiere Land Corporation recorded on October 17, 1969 in Liber 817, at Page 1035 as shown on this map.
- Access and Parking Easement reserved in a conveyance made by Lettiere Land Corporation to Gerald M. McCarthy recorded on October 17, 1969, in Liber 817, at Page 1037 as shown on this map.
- A 50 foot wide right of way as reserved in a conveyance made by Margaret S. Whiteford and Nathalie S. Fairfax to Gerald M. McCarthy As Trustee of St. John Realty Trust recorded October 17, 1969 in Liber 817, at Page 1041 as shown on this map.
- An 80 foot wide electric and telephone transmission line easement granted by LMI Investors to Niagara Mohawk Power Corporation recorded June 19, 1975 in Liber 865, at Page 216, as shown on this map.
- A sewage pipeline easement granted by Kimco Watertown Associates to The People of the State of New York recorded April 05, 1994 in Liber 1391, at Page 001 as shown on this map.
- An electric and communication easement granted by Samaritan Medical Center to Niagara Mohawk Power Corporation recorded December 22, 2000 in Liber 1771, at Page 54 as shown on this map.
- Utility easements as described in a conveyance made by Samaritan Medical Center to First Columbia Samaritan, L.L.C. recorded December 22, 2000 in Liber 1771, at Page 49 as shown on this map.
- A 15 foot wide gas line easement granted by Samaritan Medical Center to Niagara Mohawk Power Corporation recorded December 27, 2001 in Liber 1835, at Page 197 as shown on this map.
- Underground Utility Easement granted by Samaritan Medical Center to Niagara Mohawk Power Corporation recorded December 27, 2001 in Liber 1835, at Page 201. The approximate location of the easement has been shown on this map.
- A 50 foot wide pipe line easement for transmission and distribution of gas and other fluids granted by Margaret S. Whiteford and Nathalie S. Fairfax to Niagara Mohawk Power Corporation recorded August 04, 1966 in Liber 787, at Page 331 as shown on this map.
- Permanent Highway Easements to The People of the State of New York recorded July 09, 1986 in Liber 1029, at Page 112; recorded October 19, 1987 in Liber 1093, at Page 245 and recorded October 24, 1988 in Liber 1143, at Page 259 as shown on this map.

MAP REFERENCES:

- "ALTA/ACSM Land Title Survey Map of the Land of Samaritan Medical Center, Washington Street (U.S. Route 11), City of Watertown, County of Jefferson, State of New York", dated December 08, 2005 and last revised February 10, 2006, prepared by Bernier, Carr & Associates, P.C.
- "Map of Land Surveyed for LUNCO Corporation, Town of Watertown, Jefferson County, New York", dated December 08, 2005 and last revised February 10, 2006, prepared by LoFave, White and McGivern, L.S., P.C.
- "Subdivision Final Plat of a 3.255 Acre Portion of the Land of - Samaritan Medical Center, Washington Street (U.S. Route 11), City of Watertown, County of Jefferson, State of New York", dated April 05, 2000, filed in the Jefferson County Clerk's Office on July 06, 2000 in Plat 4D as Map Number 2627, and last revised July 26, 2000, prepared by GYMO, Architecture, Engineering and Land Surveying, P.C., Watertown, New York.
- "Survey Map, Land of - KIMCO Watertown Associates, Washington St., City of Watertown, Jefferson County, New York", dated April 29, 1996, prepared by GYMO, Architecture, Engineering and Land Surveying, P.C., Watertown, New York.
- "Survey Map of the Land of The City School District of the City of Watertown, N.Y. (Watertown High School, Case Junior High School & Wiley School), Washington St. & Green St., City & Town of Watertown, County of Jefferson, State of N.Y.", dated March 27, 1985, prepared by Bernier, Peck, Gozakowski and Carr.

NOTES:

- All adjoiners are per the City of Watertown Real Property Assessment Office and the Jefferson County Real Property Assessment Office.
- Underground facilities, structures and utilities have been plotted from available surveys and records, and therefore their locations must be considered approximate only. There may be other underground facilities, structures and utilities, the existence of which is presently not known and therefore not shown on this map. This map was in no way created for or is to be used for construction purposes.
- Prior to any construction contact Underground Facilities Protective Organization, (UFPO) at 1-800-962-7962 for exact location of all underground utilities.
- Bearings and distances shown are New York State Plane Central Zone NAD 83/99 Grid, US Survey Feet based on Static GPS Observations Referenced to NYWT CORS. To convert distances to ground, divide by 0.99995020. Elevations are NAVD 88 based on Static GPS Observations Referenced to NYWT CORS.
- This survey was performed in January and February 2011 with substantial snow cover and is subject to any facts that would be disclosed by an unobstructed survey.
- This survey was prepared without the benefit of an Updated Abstract of Title and is subject to any changes which may occur as a result of a complete title search.
- There is a deed overlap in this area. The parcel conveyed by J.P. Burns et al. to City of Watertown in Liber 441, at Page 22 is senior and therefore calls in this deed were held.

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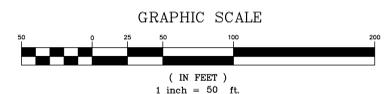
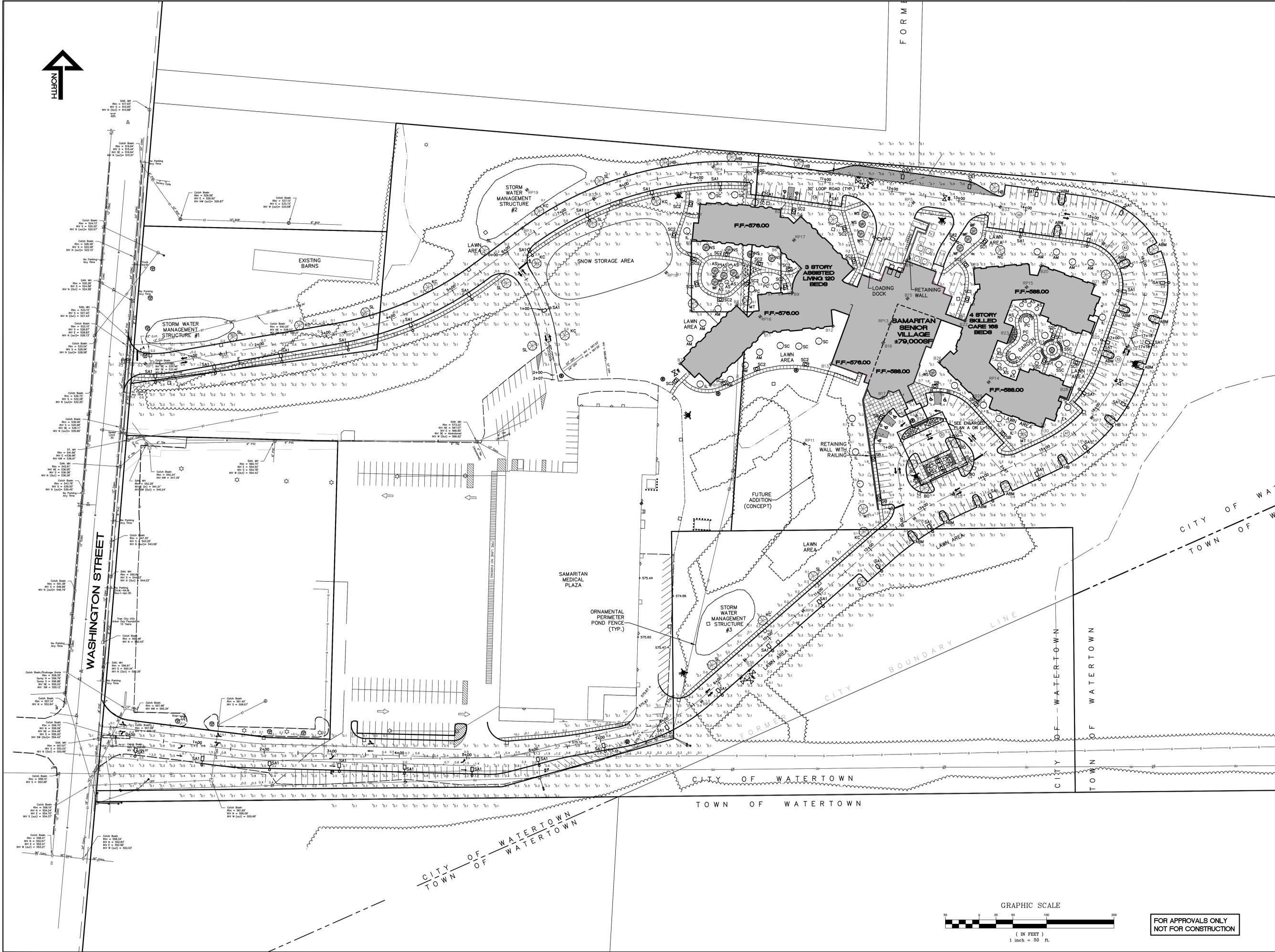


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SURVEY and TOPOGRAPHIC MAP of a PORTION of the LAND of
THE CITY SCHOOL DISTRICT OF THE CITY OF WATERTOWN, NEW YORK and the LAND of CITY OF WATERTOWN JEFFERSON COUNTY NEW YORK

File No.	2010-2675
Scale	As Noted
Date	April 11, 2011
Drawn By	S.J.G.
Designed By	RGC
Checked By	
Date Issued	April 13, 2011
Drawn No.	

EX102



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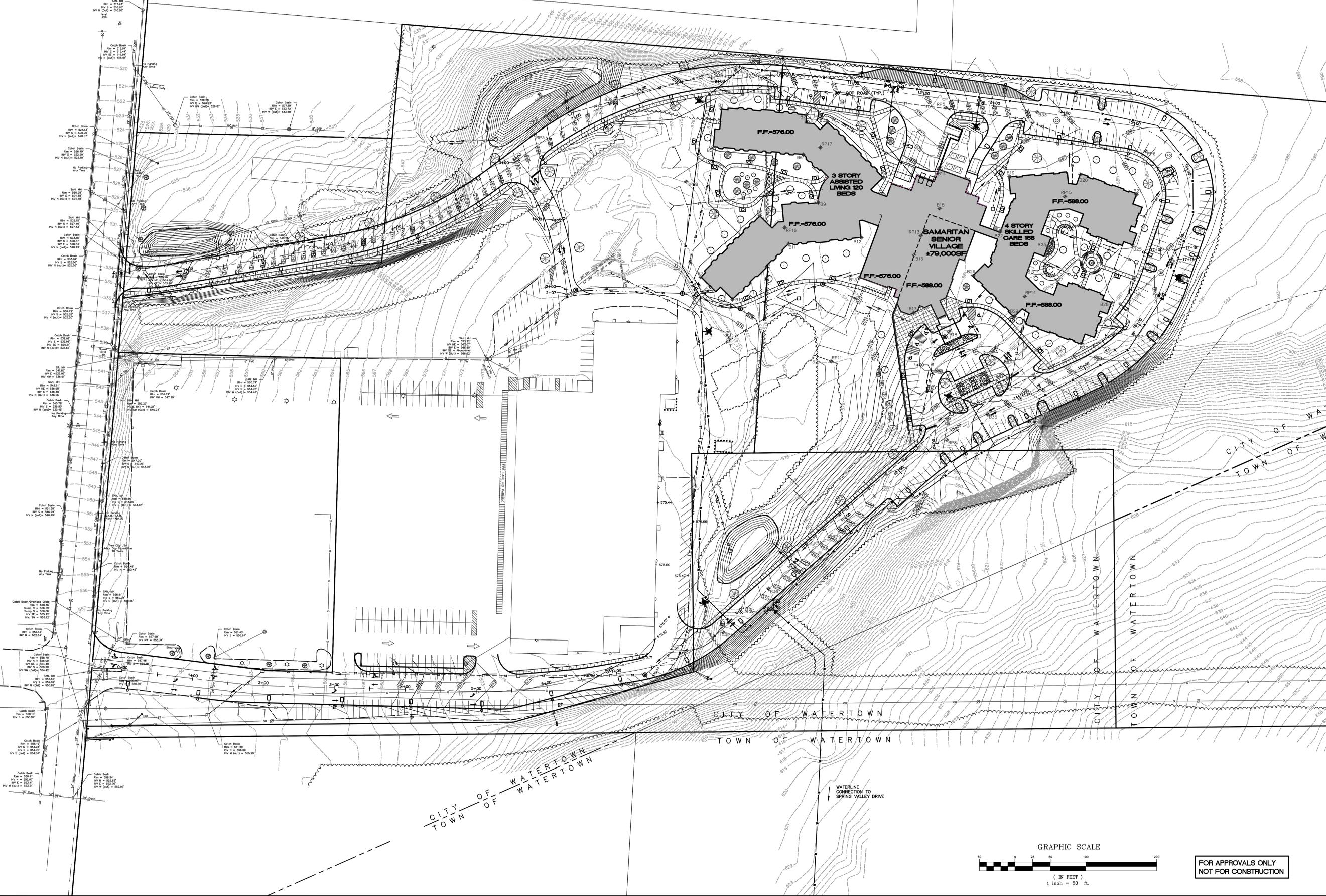
SITE AND LANDSCAPING PLAN
PROPOSED SAMARITAN SENIOR VILLAGE BY
SAMARITAN MEDICAL CENTER
WASHINGTON STREET, WATERTOWN, NEW YORK

Project No: 2010-267E
Scale: As Noted
Date: 4/12/11
Drawn By: RCC
Designed By: RCC/PJS
Checked By:
Date Issued: 4/19/11
Dwg. No.

C101



FORME



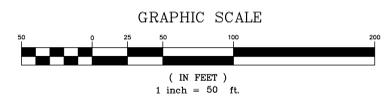
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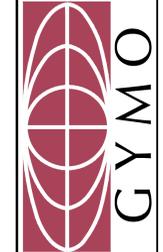
UTILITY AND GRADING PLAN
PROPOSED SAMARITAN SENIOR VILLAGE BY
SAMARITAN MEDICAL CENTER
WASHINGTON STREET, WATERTOWN, NEW YORK

Project No: 2010-267E
Scale: As Noted
Date: 4/12/11
Drawn By: RGC
Designed By: RGC/PJS
Checked By:
Date Issued: 4/19/11
Dwg. No.



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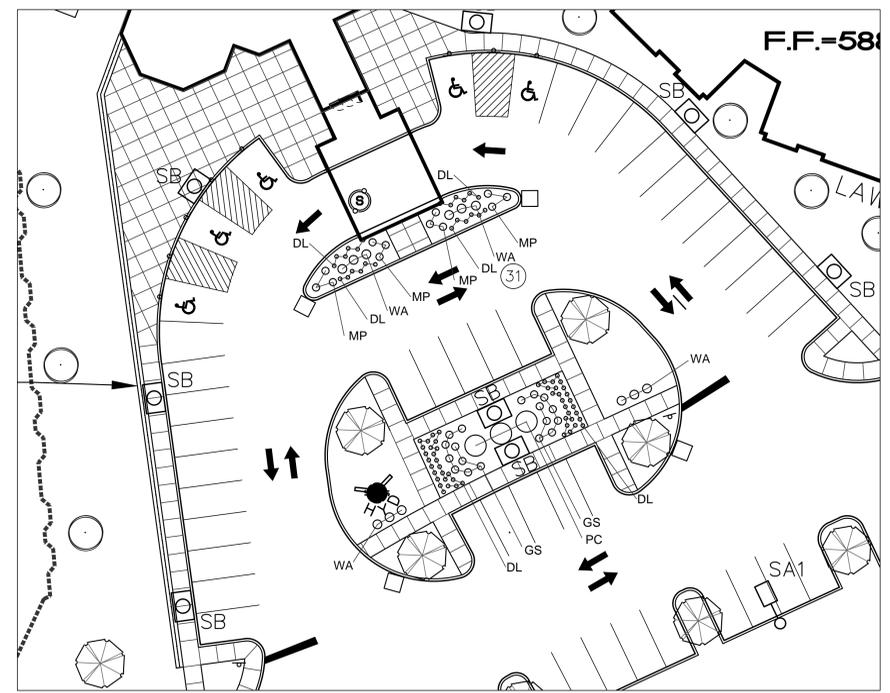
C102



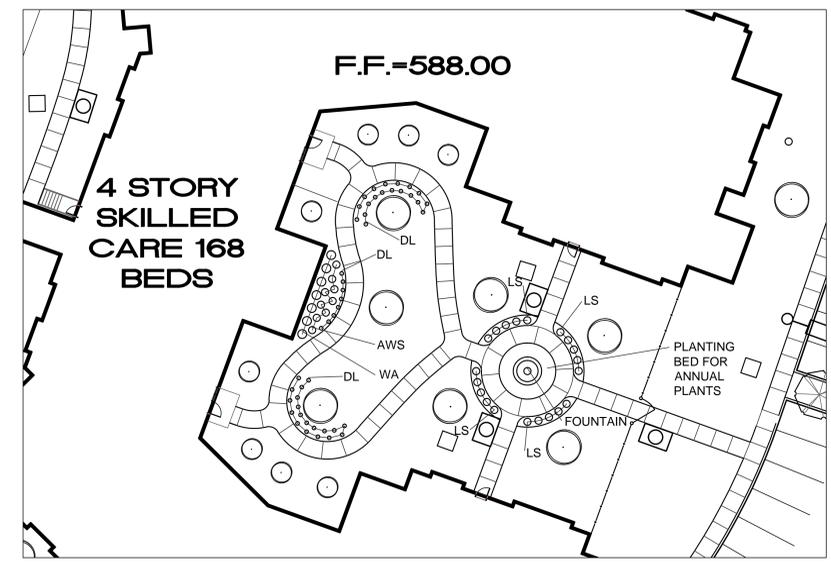
LANDSCAPING NOTES

1. PLANT SPECIES WERE SELECTED TO GROW IN EXISTING SOIL CONDITIONS AND HARDINESS ZONES. PLANT SPECIES WERE ALSO CHOSEN ACCORDING TO GROWTH HABIT, SHAPE, SIZE, COLOR, FLOWER AND FALL COLOR. ANY SUBSTITUTIONS MUST BE REVIEWED BY THE LANDSCAPE ARCHITECT OR ARCHITECT.
2. ALL PLANT MATERIAL SHALL BE THOROUGHLY WATERED BY THE CONTRACTOR AT THE TIME OF PLANTING.
3. CONTRACTOR SHALL INSTALL WEED BARRIER FABRIC IN ALL LANDSCAPE BEDS.
4. CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, FIELD MEASUREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT UNDERGROUND UTILITIES CALL CENTER OF NEW YORK (1-800-962-7962) TO OBTAIN EXACT FIELD LOCATIONS OF ALL SUCH UTILITIES PRIOR TO START OF CONSTRUCTION.

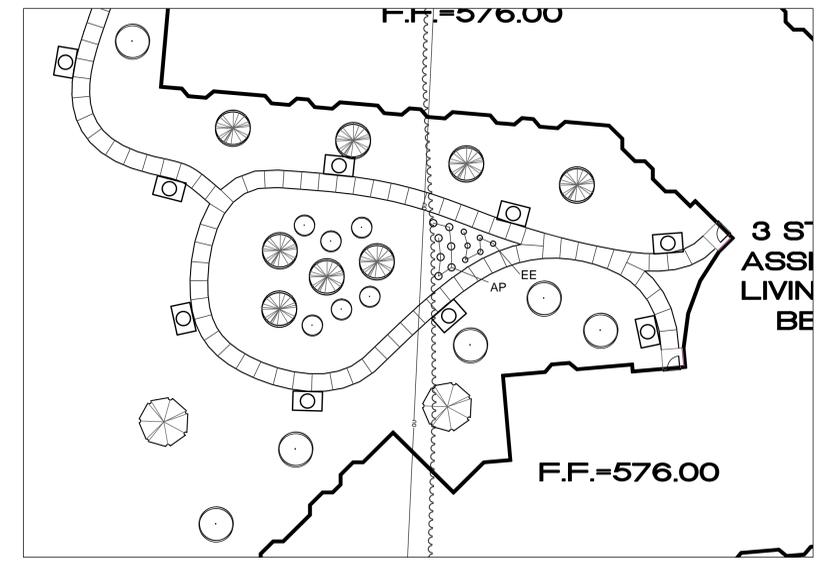
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A ENLARGED LANDSCAPING PLAN
L101 SCALE: 1"=20'

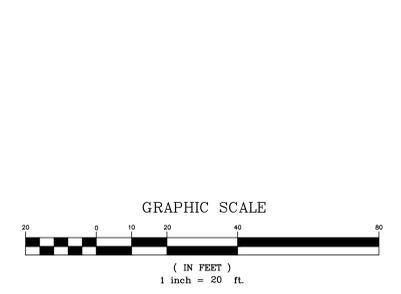


B ENLARGED LANDSCAPING PLAN
L101 SCALE: 1"=20'



C ENLARGED LANDSCAPING PLAN
L101 SCALE: 1"=20'

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ENLARGED LANDSCAPING PLANS
PROPOSED SAMARITAN SENIOR VILLAGE BY
SAMARITAN MEDICAL CENTER
WASHINGTON STREET, WATERTOWN, NEW YORK

Project No: 2010-267E
Scale: As Noted
Date: 4/6/11
Drawn By: RGC/MWL
Designed By: RGC/PJS
Checked By:
Date Issued: 4/19/11
Dwg. No.

L101

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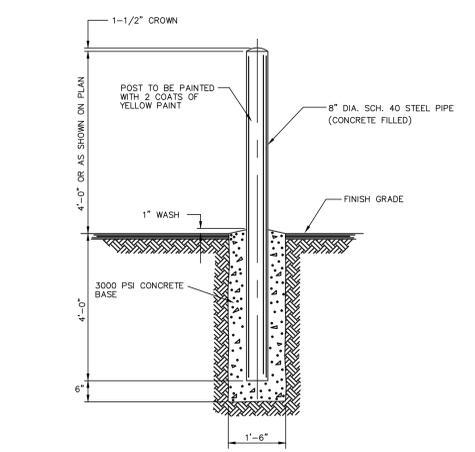


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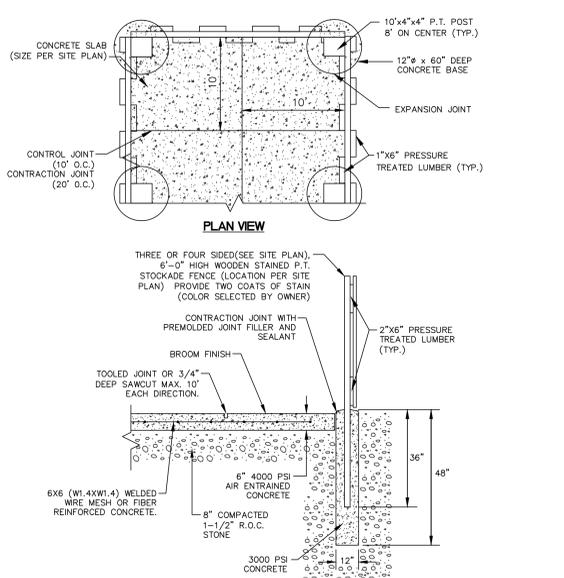
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POLE KEY	A	ANCHOR BOLT DATA	D	E	F	G	H	I
SA1	20"	ROUND BY MANUFACTURER	12"	NA	NA	72"	24"	24"
SA2	20"	ROUND BY MANUFACTURER	12"	NA	NA	72"	24"	24"
SB	15"	ROUND BY MANUFACTURER	12"	NA	NA	60"	18"	24"
SC1	10"	ROUND BY MANUFACTURER	12"	NA	NA	40"	18"	24"
SC2	10"	ROUND BY MANUFACTURER	12"	NA	NA	40"	18"	24"

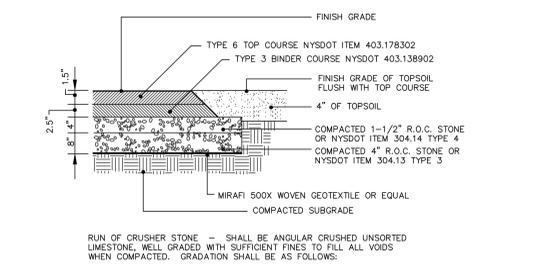
** NOTE **
CONTRACTOR SHALL COORDINATE HEIGHT OF LUMINAIRE POLE WITH THE SPECIFIED POLE BASE HEIGHT TO INSURE TOTAL FIXTURE HEIGHT OF THE LUMINAIRE IS AS SPECIFIED ON THE LIGHTING FIXTURE SCHEDULE OF SHEET C001.



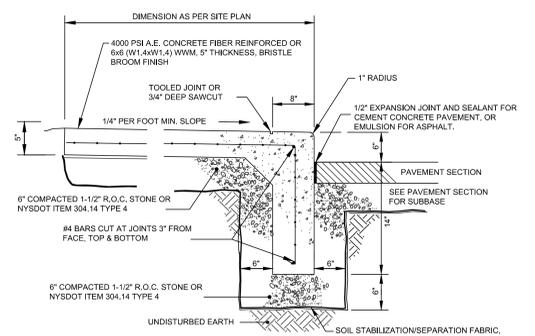
1 CONCRETE BOLLARD DETAIL
C501 NOT TO SCALE



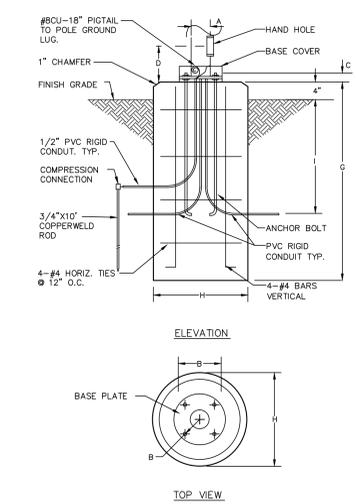
5 CONCRETE DUMPSTER, APPROACH, GENERATOR, AND UTILITY PAD DETAIL
C501 NOT TO SCALE D173-01



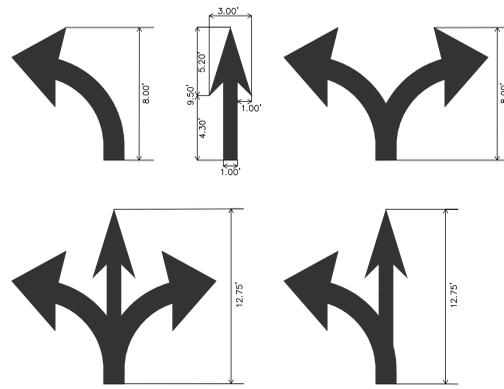
2 TYPICAL PAVEMENT DETAIL
C501 NOT TO SCALE D153-01



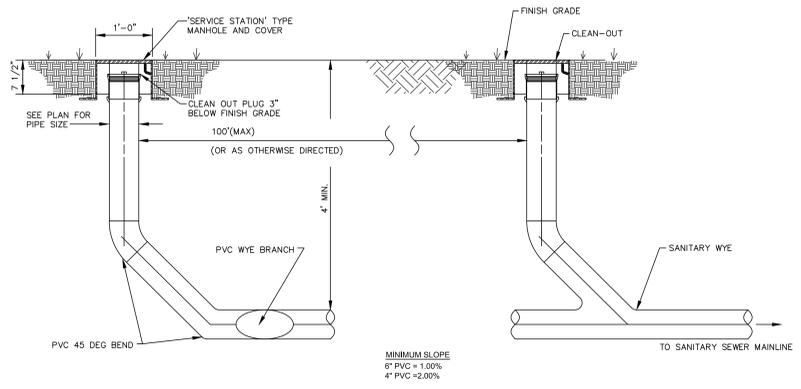
8 TYPICAL INTEGRAL CONCRETE CURB/WALK DETAIL (CLASSIC STYLE)
C501 NOT TO SCALE SW101-01



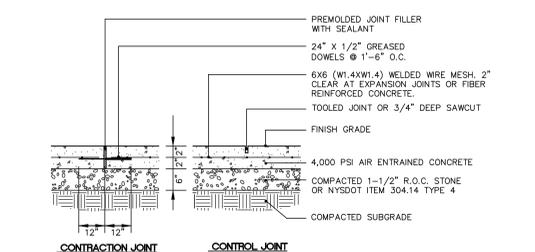
12 POLE BASE DETAIL
C501 NOT TO SCALE



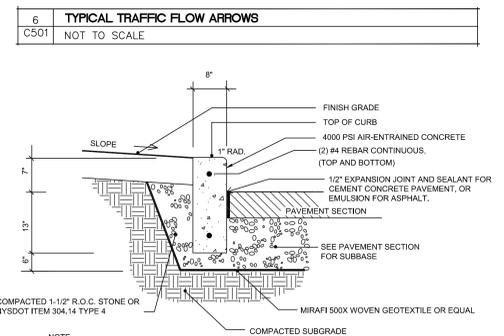
6 TYPICAL TRAFFIC FLOW ARROWS
C501 NOT TO SCALE



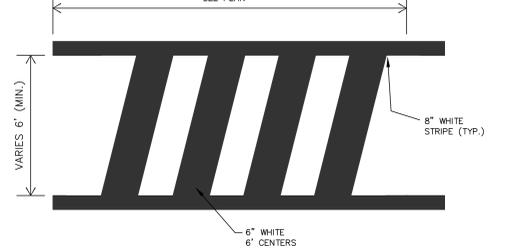
9 TYPICAL SEWER LATERAL DETAIL
C501 NOT TO SCALE D163-01



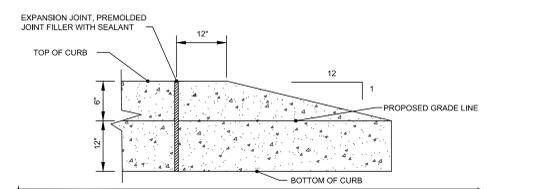
3 TYPICAL CONCRETE WALK SECTION
C501 NOT TO SCALE D154-01



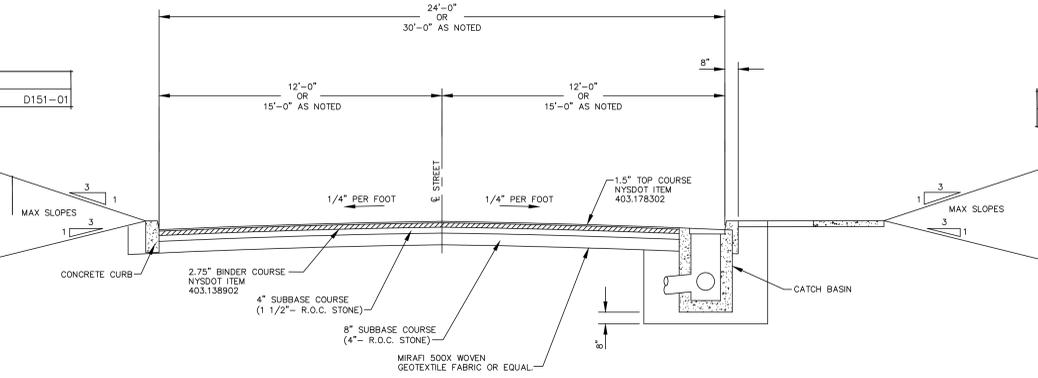
7 TYPICAL CAST-IN-PLACE CURB SECTION (CLASSIC STYLE)
C501 NOT TO SCALE D151-01



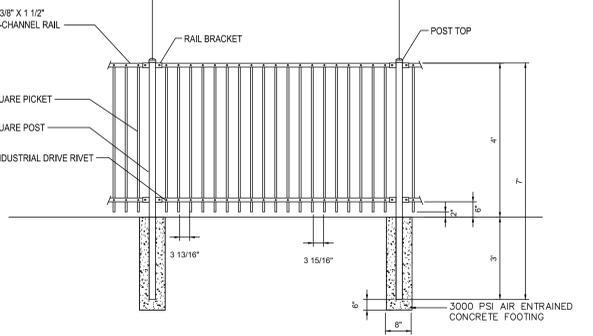
10 TYPICAL CROSSWALK DETAIL
C501 NOT TO SCALE



4 TYPICAL CURB TERMINAL
C501 NOT TO SCALE D171-01



11 TYPICAL ROAD SECTIONS - INTERNAL SITE ROADS
C501 NOT TO SCALE R110

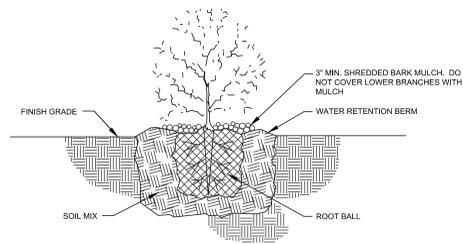


13 ORNAMENTAL FENCE DETAIL
C501 NOT TO SCALE

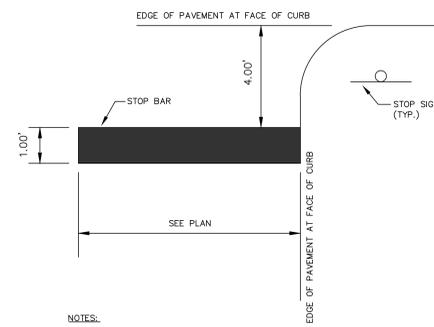
SITE DETAILS
 PROPOSED SAMARITAN SENIOR VILLAGE BY
 SAMARITAN MEDICAL CENTER
 WASHINGTON STREET, WATERTOWN, NEW YORK

Project No: 2010-207E
Scale: As Noted
Date: 3/17/11
Drawn By: THR
Designed By: RGC/PJS
Checked By:
Date Issued: 4/19/11
Drawn No:

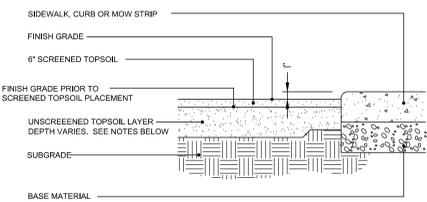
C501



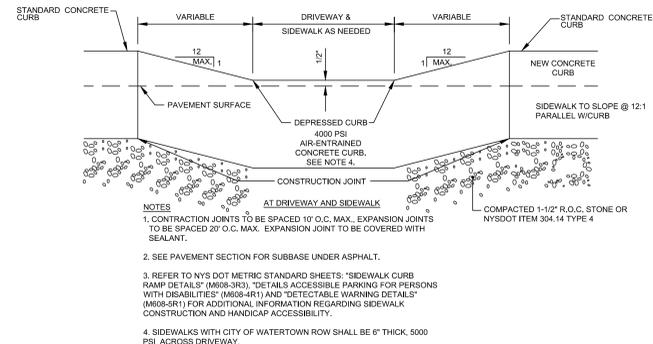
1 **SHRUB PLANTING DETAIL**
C502 NOT TO SCALE



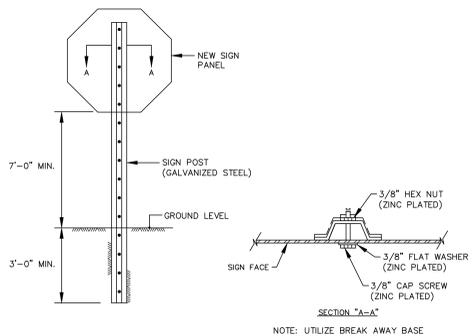
2 **TYPICAL STOP BAR DETAIL**
C502 NOT TO SCALE



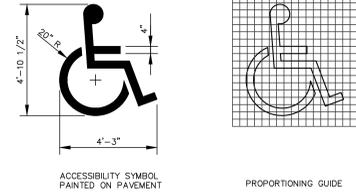
3 **SOIL PROFILE - VARIOUS AREAS**
C502 NOT TO SCALE D132-02



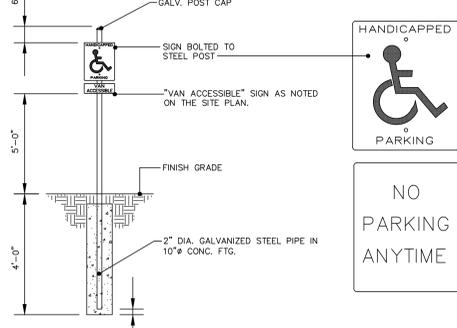
4 **DEPRESSED CURB**
C502 NOT TO SCALE D145-02



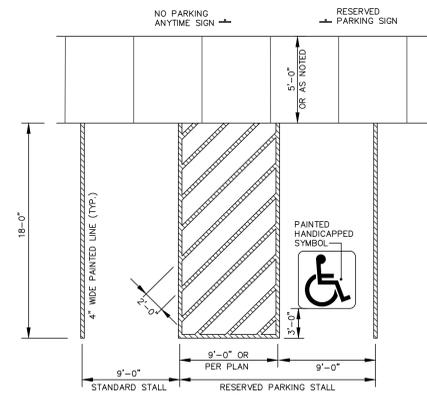
6 **TYPICAL SIGN-IN GROUND INSTALLATION DETAIL**
C502 NOT TO SCALE SW135-01



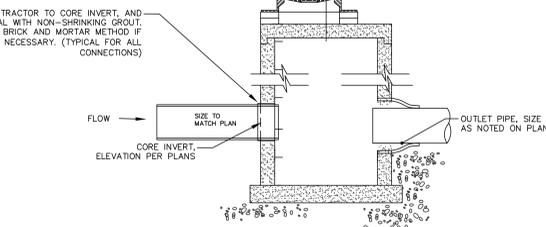
7 **TYPICAL HANDICAP SYMBOL DETAIL**
C502 NOT TO SCALE D156-01



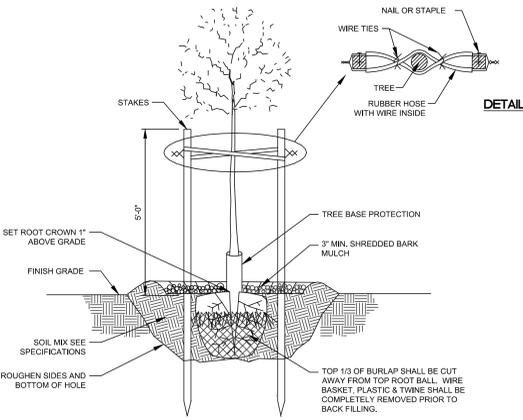
8 **TYPICAL HANDICAP SIGN DETAIL**
C502 NOT TO SCALE D157-01



9 **TYPICAL PARKING STALL MARKINGS**
C502 NOT TO SCALE SW136-01



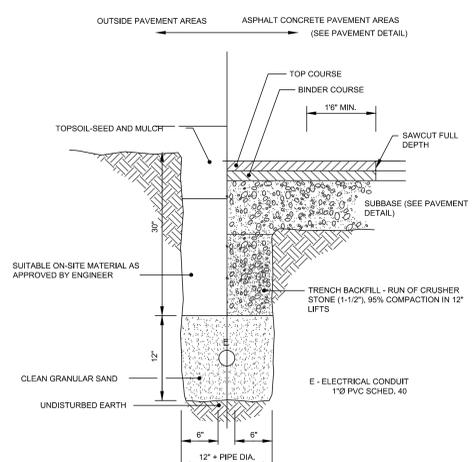
5 **TYPICAL EXISTING CATCH BASIN CONNECTION DETAIL**
C502 NOT TO SCALE



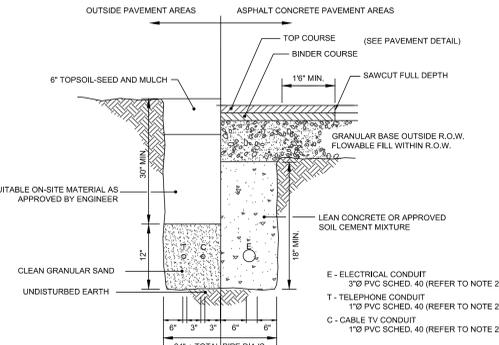
10 **TREE PLANTING AND STAKING DETAIL**
C502 NOT TO SCALE

LANDSCAPING NOTES

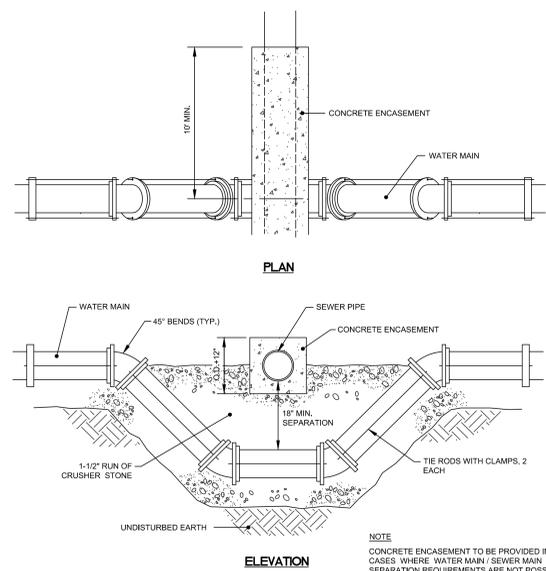
- PLANT SPECIES WERE SELECTED TO GROW IN EXISTING SOIL CONDITIONS AND HARDNESS ZONES. PLANT SPECIES WERE ALSO CHOSEN ACCORDING TO GROWTH HABIT, SHAPE, SIZE, COLOR, FLOWER AND FALL COLOR. ANY SUBSTITUTIONS MUST BE REVIEWED BY THE ARCHITECT OR ENGINEER.
- ALL TREES SHALL ARRIVE ON SITE BEARING THE ORIGINAL IDENTIFICATION TAGS SHOWING THE BOTANICAL NAME, COMMON NAME AND SIZE.
- ALL TREES SHALL HAVE A MIN. 4" DIA. SHREDDED HARDWOOD MULCH RING AROUND THE BASE OF THE TREE.
- ALL LANDSCAPE BEDS SHALL HAVE WEED BARRIER FABRIC AND 3" MIN. DEEP SHREDDED HARDWOOD MULCH.
- ALL PLANT MATERIAL SHALL BE THOROUGHLY WATERED BY THE CONTRACTOR AT THE TIME OF PLANTING.
- CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UNDERGROUND UTILITIES SHOWN ARE BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, FIELD MEASUREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT UNDERGROUND UTILITIES CALL CENTER OF NEW YORK (1-800-962-7962) TO OBTAIN EXACT FIELD LOCATIONS OF ALL SUCH UTILITIES PRIOR TO START OF CONSTRUCTION.



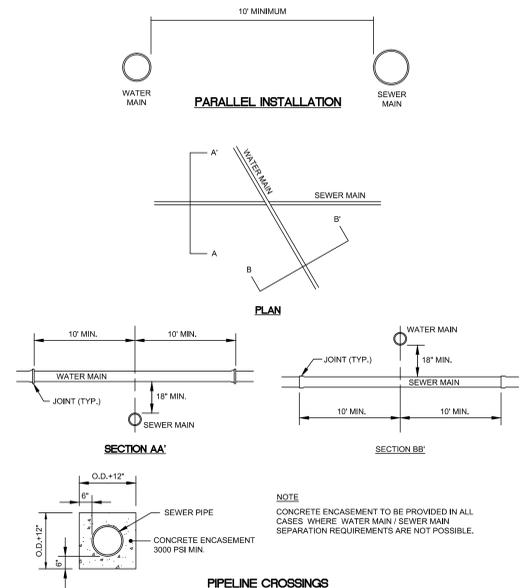
11 **TYPICAL ELECTRICAL TRENCH DETAIL**
C502 NOT TO SCALE E102-01



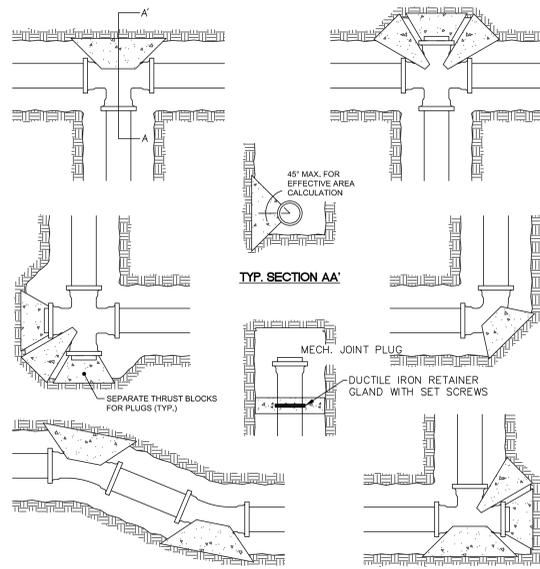
12 **TYPICAL UNDERGROUND UTILITY TRENCH DETAIL**
C502 NOT TO SCALE E103-02



13 **TYPICAL WATER MAIN RELOCATION AND SEPARATION DETAIL**
C502 NOT TO SCALE D117-01



14 **TYPICAL SEWER AND WATER MAIN SEPARATION DETAILS**
C502 NOT TO SCALE D127-01

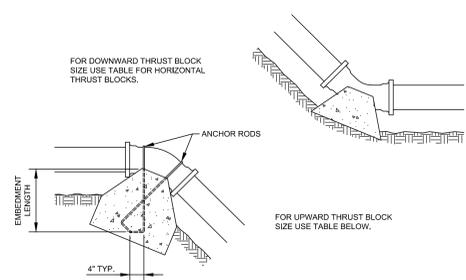


ANCHOR SCHEDULE

NOMINAL PIPE SIZE	150 P.S.I. HYDROSTATIC PRESSURE AGAINST UNDISTURBED SOIL AT 2000 P.S.F. BRNG. CAPACITY				150 P.S.I. HYDROSTATIC PRESS. AGAINST ROCK TRENCH, 10000 P.S.F. BRNG. CAPACITY DESIGN BASIS			
	11-1/4" BEND	22-1/2" BEND	45" BEND	90" BEND	11-1/4" BEND	22-1/2" BEND	45" BEND	90" BEND
4"	1.0	1.0	1.0	1.3	1.4	1.0	1.0	1.0
6"	1.0	1.1	2.1	4.0	2.8	1.0	1.0	1.0
8"	1.0	1.9	3.7	6.8	4.8	1.0	1.0	1.4
10"	1.4	2.8	5.6	10.3	7.3	1.0	1.1	2.1
12"	2.0	4.0	7.9	14.5	10.3	1.0	1.8	2.9
14"	2.7	5.4	10.6	19.5	13.8	1.0	1.1	2.1
16"	3.5	7.0	13.6	25.2	17.8	1.0	1.4	2.7
18"	4.4	8.7	17.1	31.7	22.4	1.0	1.7	3.4
20"	5.4	10.7	21.0	38.9	27.5	1.1	2.1	4.2
24"	7.7	15.3	30.0	55.5	39.2	1.5	3.1	6.0

- THRUST BLOCKS TO BE 3000 PSI CONCRETE MINIMUM.
- FOR SOIL BEARING CAPACITIES LESS THAN 2000 PSF OR WHERE SOIL HAS BEEN DISTURBED, THE ABOVE TABLE DOES NOT APPLY.
- WHERE TOP OF PIPE LIES BELOW TOP OF ROCK TRENCH, BEARING AREAS AGAINST ROCK TRENCH TABLE MAY BE USED.
- POLYETHYLENE BARRIER TO BE PROVIDED BETWEEN PIPE AND THRUST BLOCK.

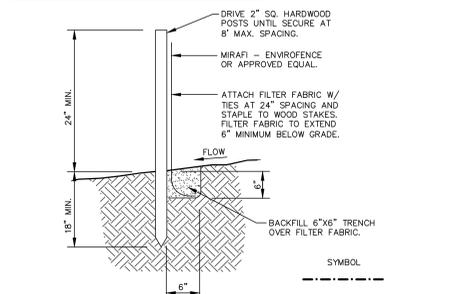
1 TYPICAL HORIZONTAL THRUST BLOCK DETAILS
C503 NOT TO SCALE D124-01



ANCHOR SCHEDULE

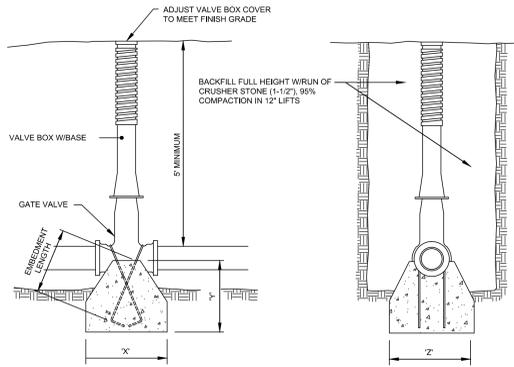
NOMINAL PIPE SIZE	11-1/4" BEND		22-1/2" BEND		45" BEND	
	CONCRETE ANCHOR VOLUME (CU. YDS.)	EMBED. LENGTH (CU. YDS.)	CONCRETE ANCHOR VOLUME (CU. YDS.)	EMBED. LENGTH (CU. YDS.)	CONCRETE ANCHOR VOLUME (CU. YDS.)	EMBED. LENGTH (CU. YDS.)
4"	0.2	3/8"	0.4	3/8"	0.6	3/8"
6"	0.4	3/8"	0.7	3/8"	1.3	3/8"
8"	0.6	3/8"	1.2	3/8"	2.3	3/8"
10"	0.9	3/8"	1.7	3/8"	3.4	1/2"
12"	1.3	3/8"	2.5	1/2"	4.8	5/8"
14"	1.7	3/8"	3.3	1/2"	6.5	5/8"
16"	2.2	3/8"	4.3	1/2"	8.4	3/4"
18"	2.7	1/2"	5.4	5/8"	10.6	7/8"
20"	3.3	1/2"	6.8	5/8"	13.0	7/8"
24"	4.7	5/8"	9.4	3/4"	18.5	1-1/8"

2 TYPICAL VERTICAL THRUST BLOCK DETAILS
C503 NOT TO SCALE D126-01



- SILTATION FENCE TO REMAIN IN PLACE UNTIL LAWNS HAVE BEEN ESTABLISHED AND/OR FINISH SURFACES HAVE BEEN INSTALLED.
- SILTATION FENCE TO BE CHECKED AND MAINTAINED THROUGHOUT CONSTRUCTION. SILT ACCUMULATIONS SHALL BE REMOVED PERIODICALLY AS REQUIRED.
- SECTIONS OF FILTER FABRIC TO HAVE 12" OVERLAP AT WOOD STAKES AND STAPLED IN PLACE.

3 TYPICAL SILTATION FENCE DETAIL
C503 NOT TO SCALE D120-01

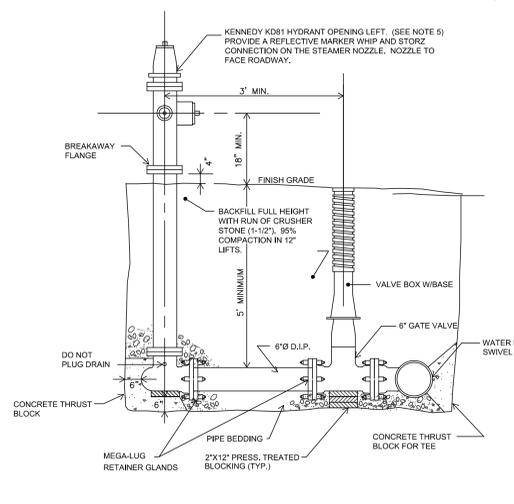


VALVE ANCHOR SCHEDULE

NOMINAL PIPE SIZE	150 P.S.I. HYDROSTATIC PRESSURE AGAINST UNDISTURBED SOIL AT 2000 P.S.F. BRNG. CAPACITY			
	X"	Y"	Z"	ANCHOR ROD Ø"
2"	1-3"	1-3"	1-3"	3/8"
3"	1-3"	1-3"	1-3"	3/8"
4"	1-3"	1-3"	1-3"	3/8"
6"	1-6"	1-6"	1-6"	1/2"
8"	1-6"	2-3"	2-3"	5/8"
10"	1-6"	2-6"	2-6"	3/4"
12"	1-6"	3-4"	3-4"	7/8"
14"	2-0"	3-6"	3-6"	1"
16"	2-3"	4-3"	4-3"	1-1/8"
18"	2-6"	4-6"	4-6"	1-1/4"

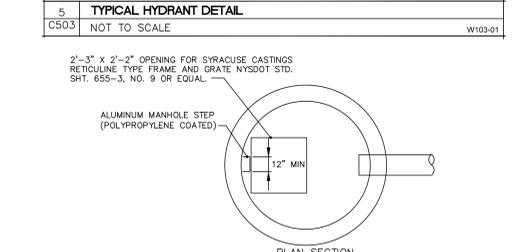
- THRUST BLOCK CONCRETE TO BE 3000 PSI MINIMUM.
- FOR SOIL BEARING CAPACITIES LESS THAN 2000 PSF OR WHERE SOIL HAS BEEN DISTURBED, THE ABOVE TABLE DOES NOT APPLY.
- CITY OF WATERTOWN VALVES TO OPEN RIGHT, TOWN OF WATERTOWN VALVES TO OPEN LEFT.

4 TYPICAL GATE VALVE DETAIL
C503 NOT TO SCALE D129-01

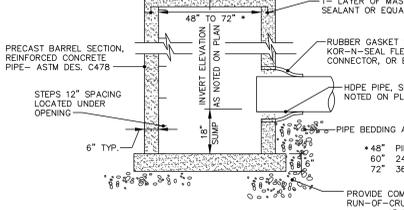


- HYDRANT NOZZLE TO BE ALIGNED PERPENDICULAR TO STREET.
- SEA GRAVEL OR NO. 3 CRUSHED STONE (10 CU. YD.) TO BE PLACED AROUND HYDRANT DRAIN.
- SEE THRUST BLOCK DETAIL FOR REQUIRED DIMENSIONS.
- HYDRANT TO CONFORM TO ANSI/AWWA C502/85 STANDARDS FOR DRY-BARREL FIRE HYDRANTS.
- HYDRANTS LOCATED IN TOWN OF WATERTOWN OPEN TO THE LEFT. HYDRANTS LOCATED IN CITY OF WATERTOWN OPEN TO THE RIGHT.

5 TYPICAL HYDRANT DETAIL
C503 NOT TO SCALE W103-01

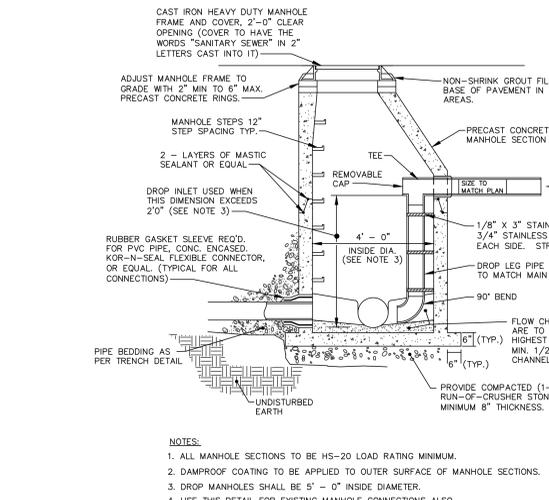


- ADJUST FRAME TO GRADE WITH 2" MIN. TO 6" MAX. PRECAST CONCRETE RINGS.
- 1- LAYER OF MASTIC SEALANT OR EQUAL.
- RUBBER GASKET SLEEVE, KOR-N-SEAL FLEXIBLE CONNECTOR, OR EQUAL.
- HOPE PIPE, SIZE AS NOTED ON PLAN.
- PIPE BEDDING AS PER TRENCH DETAIL.
- PROVIDE COMPACTED (1-1/2") RUN-OF-CRUSHER STONE BEDDING, MINIMUM 8" THICKNESS.

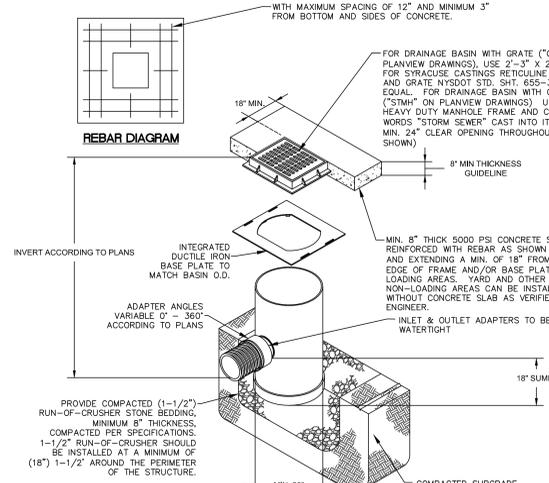


6 TYPICAL PRECAST CATCH BASIN DETAIL (CB)
C503 NOT TO SCALE D102-02

9 STORM MANHOLE DETAIL (STMH)
C503 NOT TO SCALE D101-01

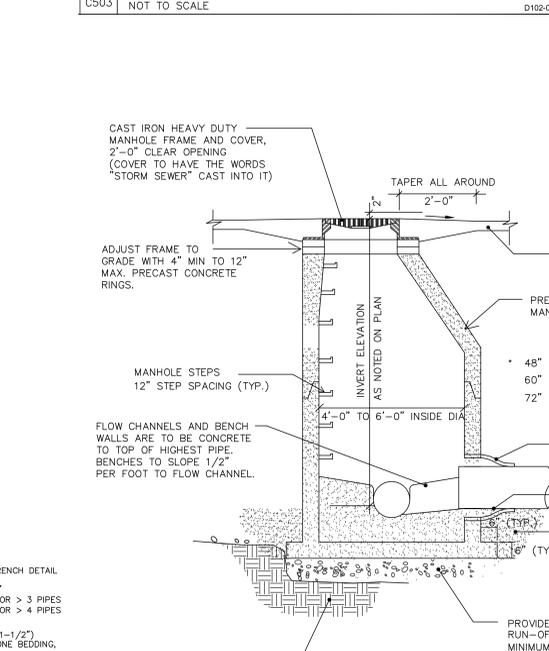


7 TYPICAL SANITARY SEWER MANHOLE AND DROP MANHOLE DETAIL (SSMH)
C503 NOT TO SCALE



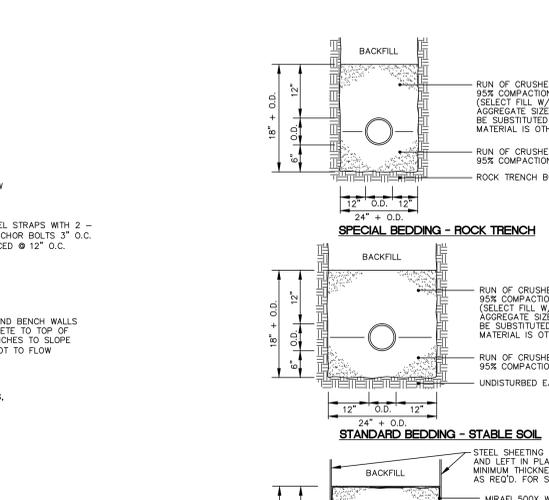
- TO MEET ASTM D2321 REQUIREMENTS THE MINIMUM TRENCH WIDTH SHALL NOT BE LESS THAN THE GREATER OF EITHER THE PIPE'S OUTSIDE DIAMETER PLUS 16" OR THE PIPE'S OUTSIDE DIAMETER TIMES 1.25 PLUS 12" WHICH WOULD BE EQUIVALENT TO 52" FOR A 30" NYLOPLAST DRAIN BASIN.
- BASE PLATES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.
- DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HOPE.

8 PVC DRAINAGE BASIN
C503 NOT TO SCALE D102-02

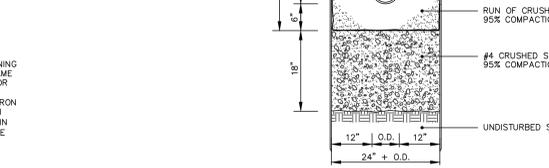


6 TYPICAL PRECAST CATCH BASIN DETAIL (CB)
C503 NOT TO SCALE D102-02

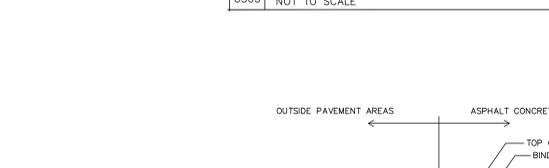
9 STORM MANHOLE DETAIL (STMH)
C503 NOT TO SCALE D101-01



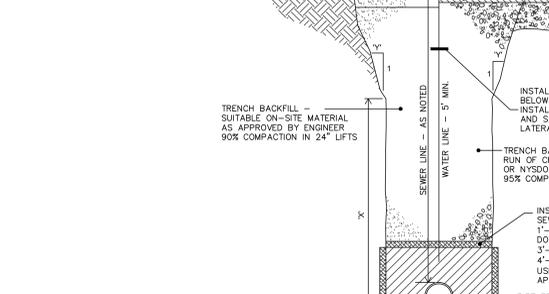
SPECIAL BEDDING - ROCK TRENCH



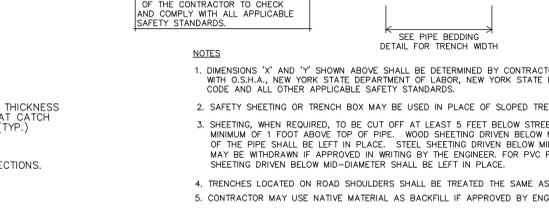
STANDARD BEDDING - STABLE SOIL



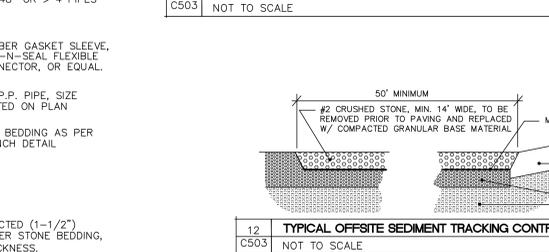
SPECIAL BEDDING - UNSTABLE SOIL



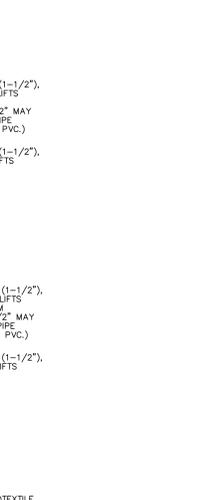
10 TYPICAL PIPE BEDDING DETAILS AND PAYMENT LIMITS
C503 NOT TO SCALE U102-01



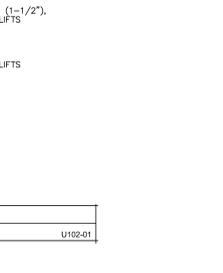
11 TYPICAL UTILITY LINE TRENCH DETAIL AND PAYMENT LIMITS
C503 NOT TO SCALE D101-02



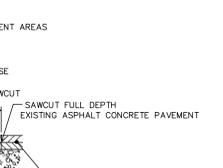
12 TYPICAL OFFSITE SEDIMENT TRACKING CONTROL (CONST. ENTRANCE)
C503 NOT TO SCALE D103-01



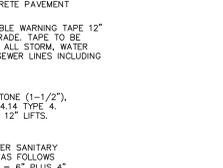
1 TYPICAL HORIZONTAL THRUST BLOCK DETAILS
C503 NOT TO SCALE D124-01



2 TYPICAL VERTICAL THRUST BLOCK DETAILS
C503 NOT TO SCALE D126-01



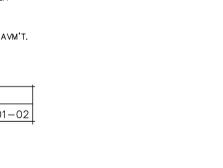
3 TYPICAL SILTATION FENCE DETAIL
C503 NOT TO SCALE D120-01



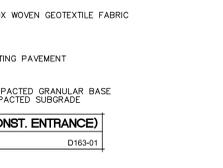
4 TYPICAL GATE VALVE DETAIL
C503 NOT TO SCALE D129-01



5 TYPICAL HYDRANT DETAIL
C503 NOT TO SCALE W103-01



6 TYPICAL PRECAST CATCH BASIN DETAIL (CB)
C503 NOT TO SCALE D102-02



9 STORM MANHOLE DETAIL (STMH)
C503 NOT TO SCALE D101-01

10 TYPICAL PIPE BEDDING DETAILS AND PAYMENT LIMITS
C503 NOT TO SCALE U102-01

11 TYPICAL UTILITY LINE TRENCH DETAIL AND PAYMENT LIMITS
C503 NOT TO SCALE D101-02

12 TYPICAL OFFSITE SEDIMENT TRACKING CONTROL (CONST. ENTRANCE)
C503 NOT TO SCALE D103-01



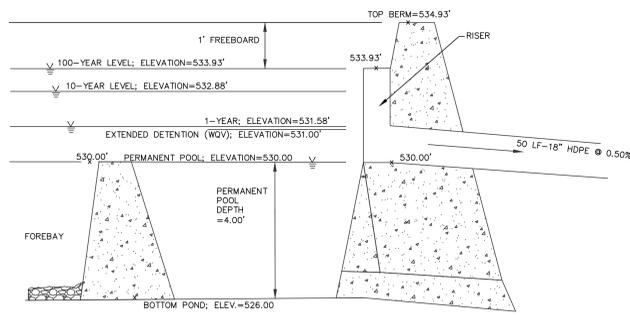
ARCHITECTURE, ENGINEERING & LAND SURVEYING, P.C.
300 STEELERS STREET
WATERTOWN, NEW YORK, 13801
TEL: (315) 838-9999
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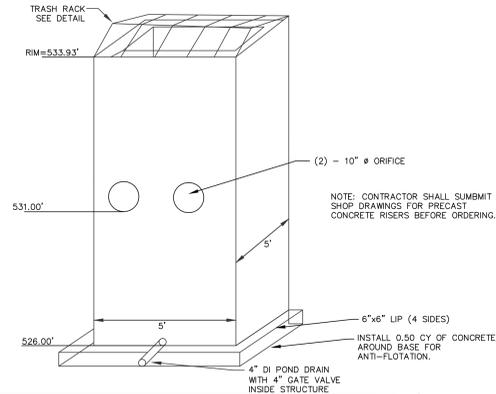
SITE DETAILS
PROPOSED SAMARITAN SENIOR VILLAGE BY SAMARITAN MEDICAL CENTER WASHINGTON STREET, WATERTOWN, NEW YORK

Project No: 2010-207E
Scale: As Noted
Date: 3/17/11
Drawn By: THR
Designed By: RGC/PJS
Checked By:
Date Issued: 4/12/11
Drawn By:

C503
FOR APPROVALS ONLY
NOT FOR CONSTRUCTION



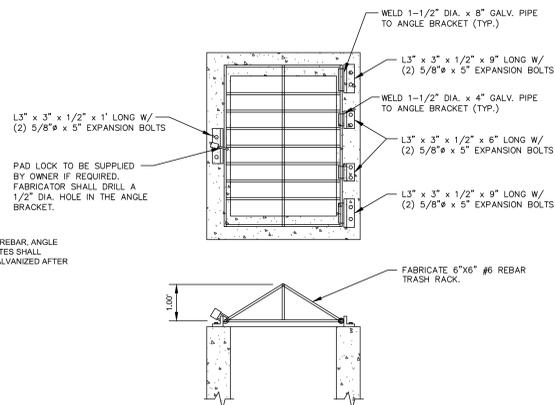
- NOTES:
- SEE PLANTING SCHEDULE BELOW FOR SPECIES AND SPACING AROUND THE PERMANENT POOL. PLANTS SHOULD BE PLANTED AT PERMANENT POOL ELEVATION.
 - A POND LINER MAY NEED TO BE PROVIDED TO SUSTAIN THE PERMANENT POOL OF WATER BASED ON ON-SITE TESTING. IF REQUIRED BY THE ENGINEER, IT IS TO BE ACCOMPLISHED THROUGH THE USE OF ONE OF THE FOLLOWING: (A) SIX TO TWELVE INCHES OF CLAY SOIL (MINIMUM 50% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 1.4 INCHES/HOUR), (B) A 30 MIL POLY-LINER (C) BENTONITE, OR (D) USE OF CHEMICAL ADDITIVES (THOSE ACCEPTABLE PER NRCS AGRICULTURAL HANDBOOK NO. 386 DATED 1961 OR ENGINEERING FIELD MANUAL). VERIFY METHODS WITH ENGINEER.



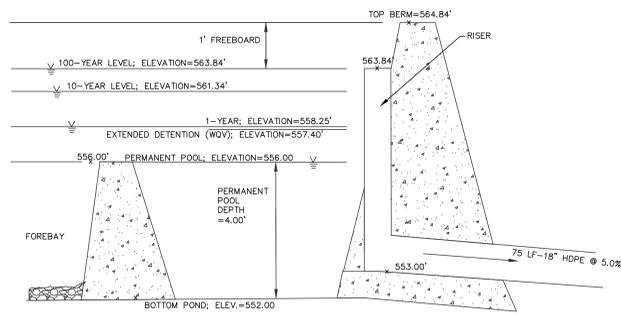
1 PRECAST CONCRETE RISER SKETCH - STORM WATER BASIN #1
C505 NOT TO SCALE

UPLIFT FORCE	
RISER: (533.93-526.00) x (5' x 5') x 62.4 lbs/cf	= 12,370 lbs
PIPES: (2' Stub) [(3.14 x 1.5' x 1.5') / 4] x 62.4 lbs/cf	= 220 lbs
12,590 lbs	
DOWN FORCE	
PRECAST BASE: 6.0' x 6.0' x 0.5' x 150 lbs/cf	= 2,700 lbs
WALLS:	
2 x 4' L x 7.63' H x 0.5' W x 150 lbs/cf	= 4,758 lbs
2 x 5.0' L x 7.63' H x 0.5' W x 150 lbs/cf	= 5,947 lbs
POURED CONCRETE (AROUND BASE):	
0.50 CY (27 CF) x 150 lbs/cf	= 2,025 lbs
OPENINGS:	
2 x (3.14 x 0.42' x 0.42') x 0.5' x 150 lbs/cf	= -82 lbs
(3.14 x 0.33' x 0.33') x 0.5' x 150 lbs/cf	= -8 lbs
FACTOR OF SAFETY = DOWN FORCE / UPLIFT FORCE	
15,342 lbs / 12,590 lbs	= 1.22 > 1.20 "OK"

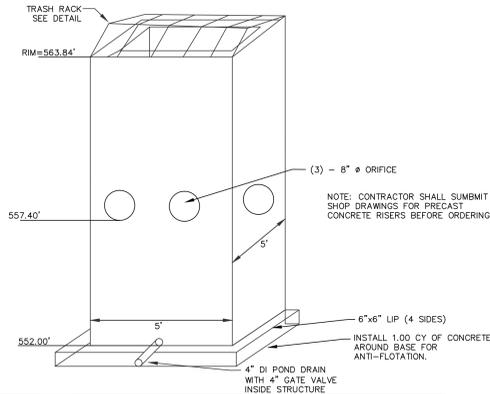
2 RISER - FLOATION CALCULATIONS
C505 NOT TO SCALE D138-01



3 TRASH RACK DETAIL
C505 NOT TO SCALE D138-01



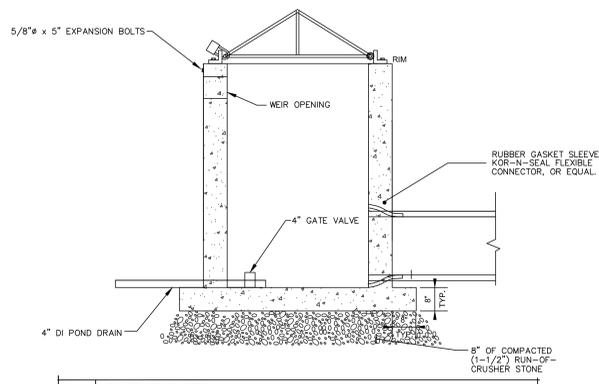
- NOTES:
- SEE PLANTING SCHEDULE BELOW FOR SPECIES AND SPACING AROUND THE PERMANENT POOL. PLANTS SHOULD BE PLANTED AT PERMANENT POOL ELEVATION.
 - A POND LINER MAY NEED TO BE PROVIDED TO SUSTAIN THE PERMANENT POOL OF WATER BASED ON ON-SITE TESTING. IF REQUIRED BY THE ENGINEER, IT IS TO BE ACCOMPLISHED THROUGH THE USE OF ONE OF THE FOLLOWING: (A) SIX TO TWELVE INCHES OF CLAY SOIL (MINIMUM 50% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 1.4 INCHES/HOUR), (B) A 30 MIL POLY-LINER (C) BENTONITE, OR (D) USE OF CHEMICAL ADDITIVES (THOSE ACCEPTABLE PER NRCS AGRICULTURAL HANDBOOK NO. 386 DATED 1961 OR ENGINEERING FIELD MANUAL). VERIFY METHODS WITH ENGINEER.



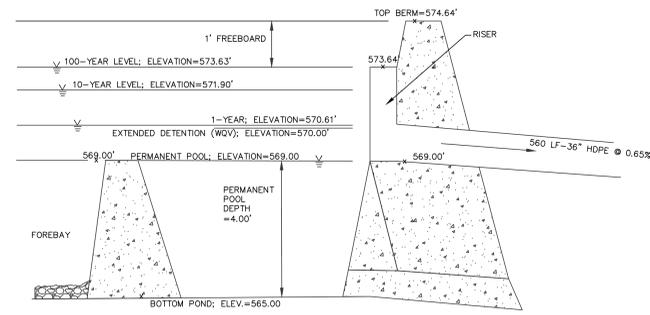
4 PRECAST CONCRETE RISER SKETCH - STORM WATER BASIN #2
C505 NOT TO SCALE

UPLIFT FORCE	
RISER: (563.84-552.00) x (5' x 5') x 62.4 lbs/cf	= 18,470 lbs
PIPES: (2' Stub) [(3.14 x 1.5' x 1.5') / 4] x 62.4 lbs/cf	= 220 lbs
18,690 lbs	
DOWN FORCE	
PRECAST BASE: 6.0' x 6.0' x 0.5' x 150 lbs/cf	= 2,700 lbs
WALLS:	
2 x 4' L x 11.84' H x 0.5' W x 150 lbs/cf	= 7,104 lbs
2 x 5.0' L x 11.84' H x 0.5' W x 150 lbs/cf	= 6,880 lbs
POURED CONCRETE (AROUND BASE):	
1.00 CY (27 CF) x 150 lbs/cf	= 4,050 lbs
OPENINGS:	
3 x (3.14 x 0.33' x 0.33') x 0.5' x 150 lbs/cf	= -76 lbs
(3.14 x 0.33' x 0.33') x 0.5' x 150 lbs/cf	= -8 lbs
FACTOR OF SAFETY = DOWN FORCE / UPLIFT FORCE	
22,652 lbs / 18,690 lbs	= 1.21 > 1.20 "OK"

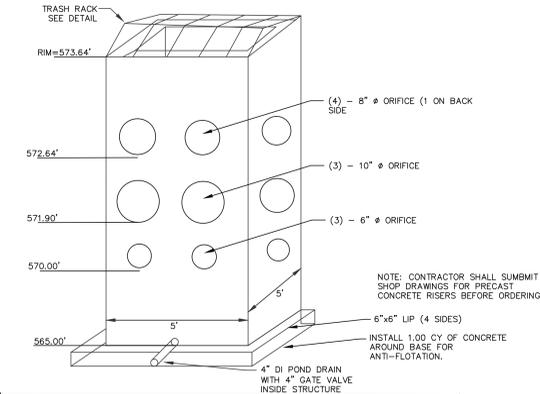
5 RISER - FLOATION CALCULATIONS
C505 NOT TO SCALE D138-01



6 RISER SIDE VIEW
C505 NOT TO SCALE D137-01



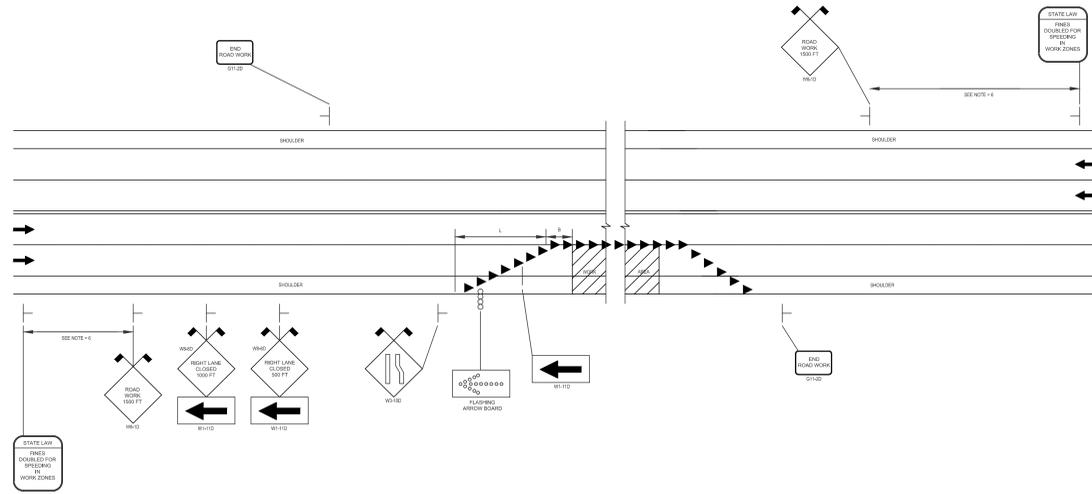
- NOTES:
- SEE PLANTING SCHEDULE BELOW FOR SPECIES AND SPACING AROUND THE PERMANENT POOL. PLANTS SHOULD BE PLANTED AT PERMANENT POOL ELEVATION.
 - A POND LINER MAY NEED TO BE PROVIDED TO SUSTAIN THE PERMANENT POOL OF WATER BASED ON ON-SITE TESTING. IF REQUIRED BY THE ENGINEER, IT IS TO BE ACCOMPLISHED THROUGH THE USE OF ONE OF THE FOLLOWING: (A) SIX TO TWELVE INCHES OF CLAY SOIL (MINIMUM 50% PASSING THE #200 SIEVE AND A MAXIMUM PERMEABILITY OF 1.4 INCHES/HOUR), (B) A 30 MIL POLY-LINER (C) BENTONITE, OR (D) USE OF CHEMICAL ADDITIVES (THOSE ACCEPTABLE PER NRCS AGRICULTURAL HANDBOOK NO. 386 DATED 1961 OR ENGINEERING FIELD MANUAL). VERIFY METHODS WITH ENGINEER.



7 PRECAST CONCRETE RISER SKETCH - STORM WATER BASIN #2
C505 NOT TO SCALE

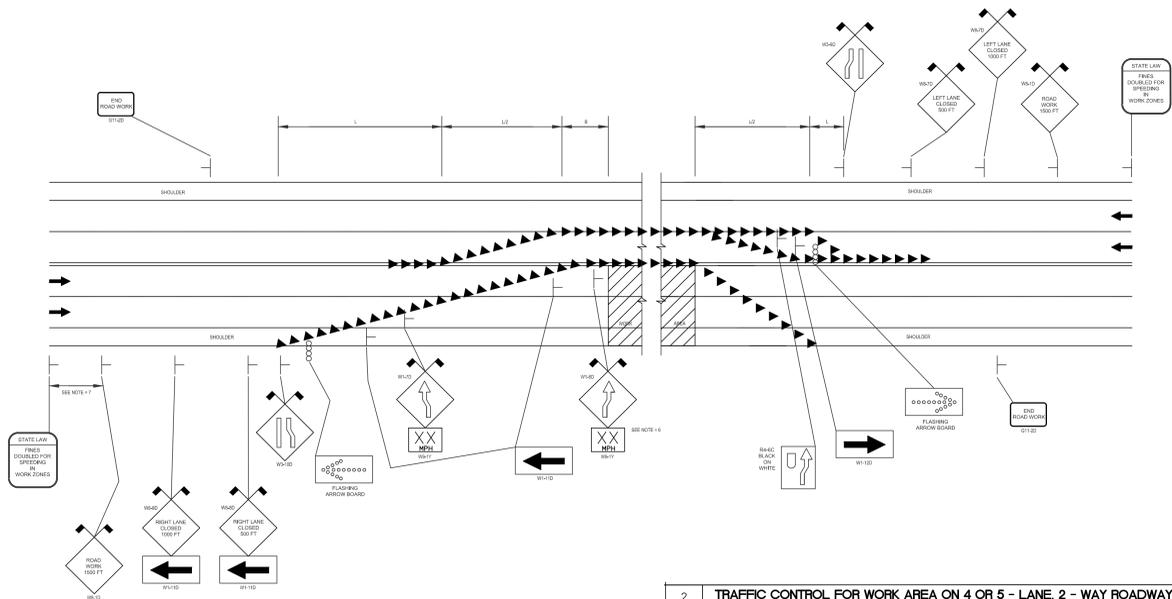
UPLIFT FORCE	
RISER: (8.64) x (5' x 5') x 62.4 lbs/cf	= 13,478 lbs
PIPES: (2' Stub) [(3.14 x 1.5' x 1.5') / 4] x 62.4 lbs/cf	= 220 lbs
13,698 lbs	
DOWN FORCE	
PRECAST BASE: 6.0' x 6.0' x 0.5' x 150 lbs/cf	= 2,700 lbs
WALLS:	
2 x 4' L x 8.64' H x 0.5' W x 150 lbs/cf	= 5,184 lbs
2 x 5.0' L x 8.64' H x 0.5' W x 150 lbs/cf	= 6,480 lbs
POURED CONCRETE (AROUND BASE):	
1.00 CY (27 CF) x 150 lbs/cf	= 4,050 lbs
OPENINGS:	
3 x (3.14 x 0.25' x 0.25') x 0.5' x 150 lbs/cf	= -44 lbs
3 x (3.14 x 0.42' x 0.42') x 0.5' x 150 lbs/cf	= -124 lbs
4 x (3.14 x 0.33' x 0.33') x 0.5' x 150 lbs/cf	= -102 lbs
(3.14 x 0.33' x 0.33') x 0.5' x 150 lbs/cf	= -8 lbs
FACTOR OF SAFETY = DOWN FORCE / UPLIFT FORCE	
18,138 lbs / 13,698 lbs	= 1.32 > 1.20 "OK"

8 RISER - FLOATION CALCULATIONS
C505 NOT TO SCALE D138-01



- NOTES:**
1. LEGEND: DELINEATION DEVICE: FLASHING ARROW BOARD
 2. "L" APPROX. = TRANSITION LENGTH SEE TABLE I, STANDARD TAPER LENGTHS
 3. "B" APPROX. = BUFFER ZONE SEE TABLE I, STANDARD TAPER LENGTHS
 4. THE MAXIMUM SPACING BETWEEN DELINEATION DEVICES SHALL BE EQUIVALENT TO THE NUMERICAL VALUE OF THE SPEED LIMIT OR 40 L.F., (12M) MAX.
 5. "L" DISTANCE SHOULD BE PROVIDED WHERE NO INTERFERENCE OCCURS WITH SIDEROADS OR INTERCHANGES. IF AN INTERSECTION FALLS WITHIN THE "L" DISTANCE THEN THE FULL TAPER SHALL BE COMPLETED BEFORE THE INTERSECTION.
 6. INSTALL SIGN 1000 FT (304M) UPSTREAM OF THE FIRST WARNING SIGN ON HIGHWAYS WITH THE 85th PERCENTILE SPEEDS EQUAL TO OR GREATER THAN 45 MPH AND 300-500 FT (91M-152M) UPSTREAM FOR SPEEDS UNDER 45 MPH.

1 TRAFFIC CONTROL FOR WORK AREA ON 4 OR 5 - LANE, 2 - WAY ROADWAY (RIGHT LANE CLOSURE)
C506 NOT TO SCALE



- NOTES:**
1. LEGEND: DELINEATION DEVICE: FLASHING ARROW BOARD
 2. "L" APPROX. = TRANSITION LENGTH SEE TABLE I, STANDARD TAPER LENGTHS
 3. "B" APPROX. = BUFFER ZONE SEE TABLE I, STANDARD TAPER LENGTHS
 4. THE MAXIMUM SPACING BETWEEN DELINEATION DEVICES SHALL BE EQUIVALENT TO THE NUMERICAL VALUE OF THE SPEED LIMIT OR 40 L.F., (12M) MAX.
 5. "L" DISTANCE SHOULD BE PROVIDED WHERE NO INTERFERENCE OCCURS WITH SIDEROADS OR INTERCHANGES. IF AN INTERSECTION FALLS WITHIN THE "L" DISTANCE THEN THE FULL TAPER SHALL BE COMPLETED BEFORE THE INTERSECTION.
 6. "XX" SPEED TO BE DETERMINED BY THE REG. TRAFFIC ENGINEER. ADVANCE POSTING DISTANCE SHALL BE PER TABLE IV.
 7. INSTALL SIGN 1000 FT (304M) UPSTREAM OF THE FIRST WARNING SIGN ON HIGHWAYS WITH THE 85th PERCENTILE SPEEDS EQUAL TO OR GREATER THAN 45 MPH AND 300-500 FT (91M-152M) UPSTREAM FOR SPEEDS UNDER 45 MPH.

2 TRAFFIC CONTROL FOR WORK AREA ON 4 OR 5 - LANE, 2 - WAY ROADWAY (TWO LANES CLOSED)
C506 NOT TO SCALE

