



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

# MAYWOOD TERRACE

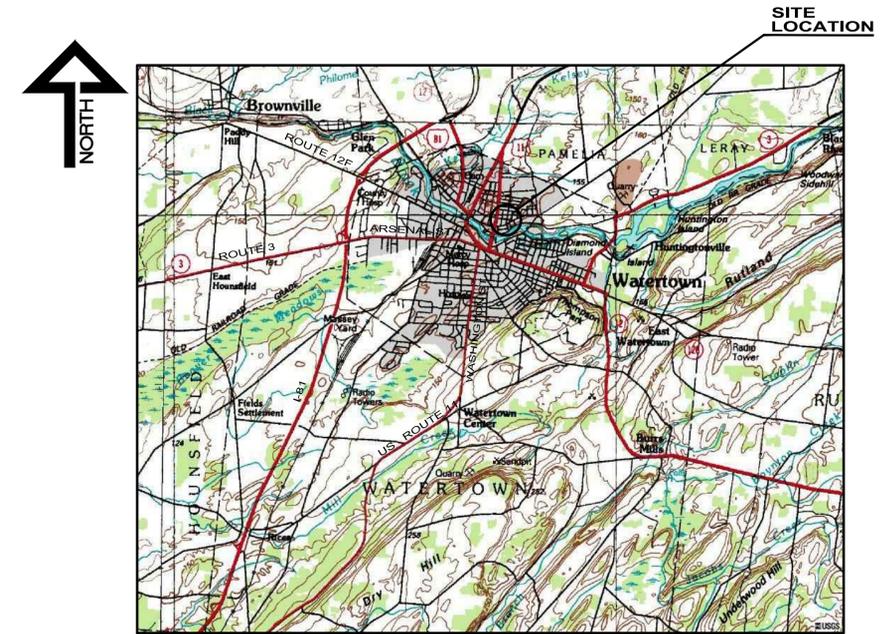
DEMOLITION AND SITE DEVELOPMENT PROJECT  
WATERTOWN, JEFFERSON COUNTY, NEW YORK

## SITE DEMOLITION AND DEVELOPMENT PLANS

23 NOVEMBER 2010

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TRAFFIC DETAILS



LOCATION MAP  
APPROXIMATE SCALE 1" = 3000'

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**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
- CNC - 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
- PCC - POINT OF COMPOUND CURVE
- PT - POINT OF TANGENCY
- PVC - POLYVINYL CHLORIDE PIPE
- R - RADIUS
- ROP - REINFORCED CONCRETE PIPE
- ROC - RUN OF CRUSHER
- ROW - RIGHT-OF-WAY
- S - SOUTH
- SAN - SANITARY
- SDR - STANDARD DIMENSION RATIO
- SMWH - 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	DEMOLITION
5' CONTOUR	---	---	---
1' CONTOUR	---	---	---
BOLLARD		•	
BUILDING			
BUSH		⊙	
CATCH BASIN	□	□	□
CENTERLINE	---	---	---
CHECK DAM		!	
QTY MONUMENT	□	□	□
CLEANOUT	○	○	○
CONCRETE SIDEWALK	=====	=====	=====
CONIFEROUS TREE	⊙	⊙	⊙
CURB STOP	⊕	⊕	⊕
CURBED ROAD	=====	=====	=====
DECIDUOUS TREE	⊙	⊙	⊙
EDGE OF PAVEMENT	---	---	---
ELECTRICAL BOX		⊞	
ELECTRIC MANHOLE	⊞	⊞	⊞
FENCE	---x---	---x---	---x---
FIRE HYDRANT	⊕	⊕	⊕
FLOWERING PLANTINGS	○	○	○
FORCEMAIN	---	---	---
GAS LINE	---	---	---
1/2" IRON PIPE WITH CAP SET	⊙	⊙	⊙
IRON PIPE FOUND (AS NOTED)	•	•	•
LIGHT POLE	⊙	⊞	⊞
PROPERTY LINE	---	---	---
PROPERTY LINE (ADJACENT)	---	---	---
SEWER LINE	---	---	---
SEWER MANHOLE	⊞	⊞	⊞
SIGNS	⊕	⊕	⊕
SILT FENCE	---	---	---
SOLID WHITE LANE LINE	---	---	---
SPOT ELEVATION		428.01	
SPOT ELEVATION (TOP CURB/BOTTOM CURB)		428.03/01	
STORM LINE	---	---	---
STORM MANHOLE	⊞	⊞	⊞
TREELINE	⌒	⌒	⌒
UNDERGROUND ELECTRIC	---	---	---
UTILITY POLE & GUY WIRE	⊕	⊕	⊕
WATER LINE	---	---	---
WATER OUTLINE	---	---	---
WATER VALVE	⊕	⊕	⊕
WATERLINE CROSSING	⊕	⊕	⊕
WETLANDS	~~~~~	~~~~~	~~~~~

**SIGN SCHEDULE**

LABEL	SIGNS	LABEL	SIGNS
A		D	
B		E	
C		F	

**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 M645-80. 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.

**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 COMPLETED BY GYMO P.C. DURING THE WEEK OF AUGUST 26, 2010.
- 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 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.
  - FINAL GRADE ELEVATIONS TO NEAREST 0.1-FOOT AND GARAGE AND FINISHED FLOOR ELEVATIONS.
  - 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 AVAILABLE.
  - 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 WATER MAIN AND SERVICE WORK MUST 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
  - 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.
- THE CITY OF WATERTOWN WATER DEPARTMENT MUST BE PRESENT TO ASSIST WITH THE CUTTING AND/OR CONNECTING OF ANY WATER SYSTEM COMPONENTS AND FLUSHING OF SUPPLY-RETURN LINES. 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.
- THE CITY OF WATERTOWN ENGINEERING DEPARTMENT MUST BE PRESENT TO ASSIST WITH THE CUTTING AND/OR CAPPING OF ANY STORM AND/OR SANITARY SEWER SYSTEM COMPONENTS.
- THERE SHALL BE NO DEVIATION FROM THE SPECIFICATIONS FOR SERVICE MATERIALS AND CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, THE PROPER BACKFILL PLACEMENT AND COMPACTION. 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 MAYWOOD TERRACE AND BRIDGE STREET.
- 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.

**PLANTING SCHEDULE**

COMMON NAME	ABBREV.	BOTANICAL NAME	SIZE	QTY.
AUTUMN BLAZE MAPLE	AM	ACER x FREMANII 'AUTUMN BLAZE'	2.5" CAL	3
SHADEMASTER HONEYLOCUST	SH	GLEDITSIA T. L. 'SHADEMASTER'	2.5" CAL	3
NORTHERN CATALPA	NC	CATALPA SPECIOSA	2.5" CAL	2
CLEVELAND SELECT PEAR	CP	PYRUS CALLERYANA	3" CAL	3
WASHINGTON HAWTHORN	WH	CRATAEGUS PHAENOPYRUM	2.5" CAL	3
WHITE SPRUCE	WS	PICEA GLAUCA	5' B.B.	3
BLUE SPRUCE	BS	PICEA PUNGENS GLAUCA	5' B.B.	3
WHITE PINE	WP	PINUS STROBUS	5' B.B.	3
<b>TOTAL LARGE TREES:</b>				<b>23</b>

**EROSION AND SEDIMENT CONTROL PLAN (SWPPP) NOTES**

**OWNER/OPERATOR RESPONSIBILITIES**

A NOTICE OF INTENT SHALL BE FILED WITH THE NYS DEC. LETTER OF ACKNOWLEDGMENT SHALL BE OBTAINED WITH A UNIQUE PERMIT IDENTIFICATION NUMBER ASSIGNED BY THE NYS DEC FOR THIS PROJECT.

IT IS THE RESPONSIBILITY OF THE OWNER/OPERATOR TO INSURE THAT THE STORM WATER DISCHARGES ALLOWED BY THE NYS DEC SPDES PERMIT GP-0-10-001 ("THE PERMIT") ARE NOT VIOLATING WATER QUALITY STANDARDS. HENCE, THE OWNER/OPERATOR SHALL HIRE A QUALIFIED SWPPP PROFESSIONAL ("INSPECTOR") TO PERFORM SITE INSPECTIONS AS REQUIRED BY THE PERMIT. SEE THE PERMIT FOR REQUIREMENTS OF A "INSPECTOR".

THE "INSPECTOR" SHALL USE THESE PLANS AND THE SWPPP INSPECTION REPORT INCLUDED IN THE SWPPP TO CONDUCT SITE INSPECTIONS. COPIES OF THESE INSPECTION REPORTS ARE TO BE PROVIDED TO THE OWNER AND CONTRACTOR. IN THE CASE WHERE UNACCEPTABLE CONDITIONS ARE OCCURRING, THE "INSPECTOR" SHALL REPORT TO THE OWNER/OPERATOR TO REMEDY THE SITUATION.

**CONTRACTOR RESPONSIBILITIES**

THE CONTRACTOR IS TO MAINTAIN A SWPPP BOARD. THE SWPPP BOARD IS WHERE THE RAIN GAUGE AND APPLICABLE SWPPP DOCUMENTS ARE STORED. IT IS ALSO WHERE PUBLIC DOCUMENTS ARE TO BE DISPLAYED AS REQUIRED BY THE PERMIT. COPIES OF THE PUBLIC DOCUMENTS AND FORMS REQUIRED TO BE ON DISPLAY ARE INCLUDED IN THE SWPPP. SEE THE SWPPP FOR INFORMATION REGARDING THE PLACEMENT OF THE SWPPP BOARD.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUPPLY AND MONITOR THE ON-SITE RAIN GAUGE AT THE SWPPP BOARD. AT ARRIVAL DAILY, THE CONTRACTOR IS TO CHECK AND ACCURATELY RECORD THE MEASUREMENT OF RAIN FROM THE PREVIOUS 24-HOUR PERIOD. ANY RAINFALL RECEIVED IS TO THEN BE DISCARDED OF.

**PRE-CONSTRUCTION ACTIVITIES**

1. THE CONTRACTOR SHALL PLACE ALL EROSION AND SEDIMENT CONTROL MEASURES (ESC's) THAT CAN BE INSTALLED AS CALLED OUT ON THESE PLANS. I.E. SILT FENCES, CHECK DAMS, CONSTRUCTION ENTRANCES, ETC.

2. A PRE CONSTRUCTION MEETING SHALL BE HELD BETWEEN THE OWNER/OPERATOR, QUALIFIED SWPPP PROFESSIONAL, AND CONTRACTOR. AT THIS MEETING, THE CONTRACTOR/SUBCONTRACTOR CERTIFICATION STATEMENTS SHALL BE SIGNED BY ALL CONTRACTORS AND SUBCONTRACTORS. ALSO, THE INSPECTOR IS TO CONDUCT A PRE-CONSTRUCTION INSPECTION. CONSTRUCTION IS NOT TO COMMENCE UNTIL THE SITE IS DEEMED ACCEPTABLE BY THE INSPECTOR. THE APPLICABLE DOCUMENTS CAN BE FOUND IN THE CONSTRUCTION SITE LOGBOOK FOUND WITHIN THE SWPPP.

**SWPPP**

1. THESE PLANS SHOW THE MINIMUM REQUIRED ESC'S TO BE UTILIZED AT THE BEGINNING OF CONSTRUCTION. OTHER ESC'S ARE TO BE INSTALLED ON A AS-NEEDED BASIS BY THE CONTRACTOR WHEN DIRECTED BY THE "INSPECTOR".

2. THE NOTES HERE ARE NOT INTENDED TO REPLACE THE SWPPP. THEY ARE ONLY A PORTION OF THE TOTAL REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR, OWNER/OPERATOR, AND "INSPECTOR" TO REVIEW THE SWPPP AND ADHERE TO THE REQUIREMENTS OF THE SWPPP AND "THE PERMIT".

**FINAL STABILIZATION**

1. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, THE "INSPECTOR" SHALL BE NOTIFIED. THE "INSPECTOR" IS TO THEN PERFORM A FINAL SITE INSPECTION TO VERIFY AND CERTIFY THAT THE SITE HAS BEEN STABILIZED AS DESIGNED. THE FINAL SITE INSPECTION FORM IS IN THE CONSTRUCTION SITE LOGBOOK, WHICH IS CONTAINED WITHIN THE SWPPP.

**CONSTRUCTION ACTIVITIES**

1. THE CONTRACTOR IS TO FOLLOW THE CONSTRUCTION SEQUENCE SCHEDULE AS CALLED OUT IN THE SWPPP. EXCEPTIONS TO THIS CONSTRUCTION SEQUENCE SCHEDULE ARE ONLY ALLOWED WHEN DETERMINED NECESSARY BY THE "INSPECTOR".

2. NO EARTHWORK IS PERMITTED ON DAYS OF HEAVY PRECIPITATION. THE CONTRACTOR IS RESPONSIBLE FOR RESEARCHING THE WEATHER FORECAST DAILY AND DETERMINING IF CONDITIONS ARE SUITABLE FOR EARTHWORK. THE "INSPECTOR" HAS THE ULTIMATE DECISION REGARDING WHETHER OR NOT CONDITIONS ARE SUITABLE IF A PROBLEM DOES ARISE.

3. MANY NOI'S ARE INITIALLY APPROVED BY THE NYS DEC FOR UP TO 5 ACRES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND THE OWNER TO VERIFY PERMITTING WHEN PLANNING ON DISTURBING OVER 5 ACRES.

4. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING DUST FROM LEAVING THE SITE. ALL EQUIPMENT AND WATER REQUIRED FOR THIS ARE TO BE PROVIDED BY THE CONTRACTOR.

5. AS A RESULT OF FINAL GRADING, AREAS OF CONCENTRATED FLOW MAY BE CREATED WHICH CAN INHIBIT STABILIZATION. EROSION CONTROL/STABILIZATION FABRIC, SOD, OR ENERGY DISSIPATION DEVICES NECESSARY FOR FINAL STABILIZATION ARE TO BE PROVIDED BY THE CONTRACTOR.

6. AS THE PHASED GRADING PROGRESSES, AREAS AT FINAL GRADE ARE TO BE STABILIZED WITH SEEDING OR MULCH AS SOON AS POSSIBLE. NO DISTURBED AREA IS TO REMAIN UNSTABILIZED FOR MORE THAN 14 DAYS, UNLESS CONSTRUCTION IS SCHEDULED TO RESUME WITHIN 21 DAYS.

7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE ESC'S UPON FINAL STABILIZATION AND/OR WHEN FUNCTIONAL AS DIRECTED BY THE "INSPECTOR".

8. THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ESC'S UPON FINAL STABILIZATION AND/OR WHEN DETERMINED NECESSARY BY THE "INSPECTOR".

**MAYWOOD TERRACE PHOTOMETRICS**

Symbol	Qty	Label	Arrangement	Lumens	Elev.	LLF	Description
⊞	2	L1	SINGLE	14,000	23'	0.675	AES-150-MP-XX-SL
⊞	2	L2	SINGLE	8,500	12'	0.675	AES-100-MP-XX-SS

Numeric Summary							
Label	Calc Type	Units	Avg	Max	Min	Avg/Min	Max/Min
Calc Pts	illumiance	Fc	0.86	2.9	0.1	8.60	29.00
Paved Areas	illumiance	Fc	0.90	1.9	0.1	9.00	19.00

**PLANNING DATA**

ITEM	REQUIRED/ALLOWED	PROPOSED
PARKING SPACES	NA	26 TOTAL SPACES 2 HC SPACES

**FOR APPROVALS ONLY  
NOT FOR CONSTRUCTION**

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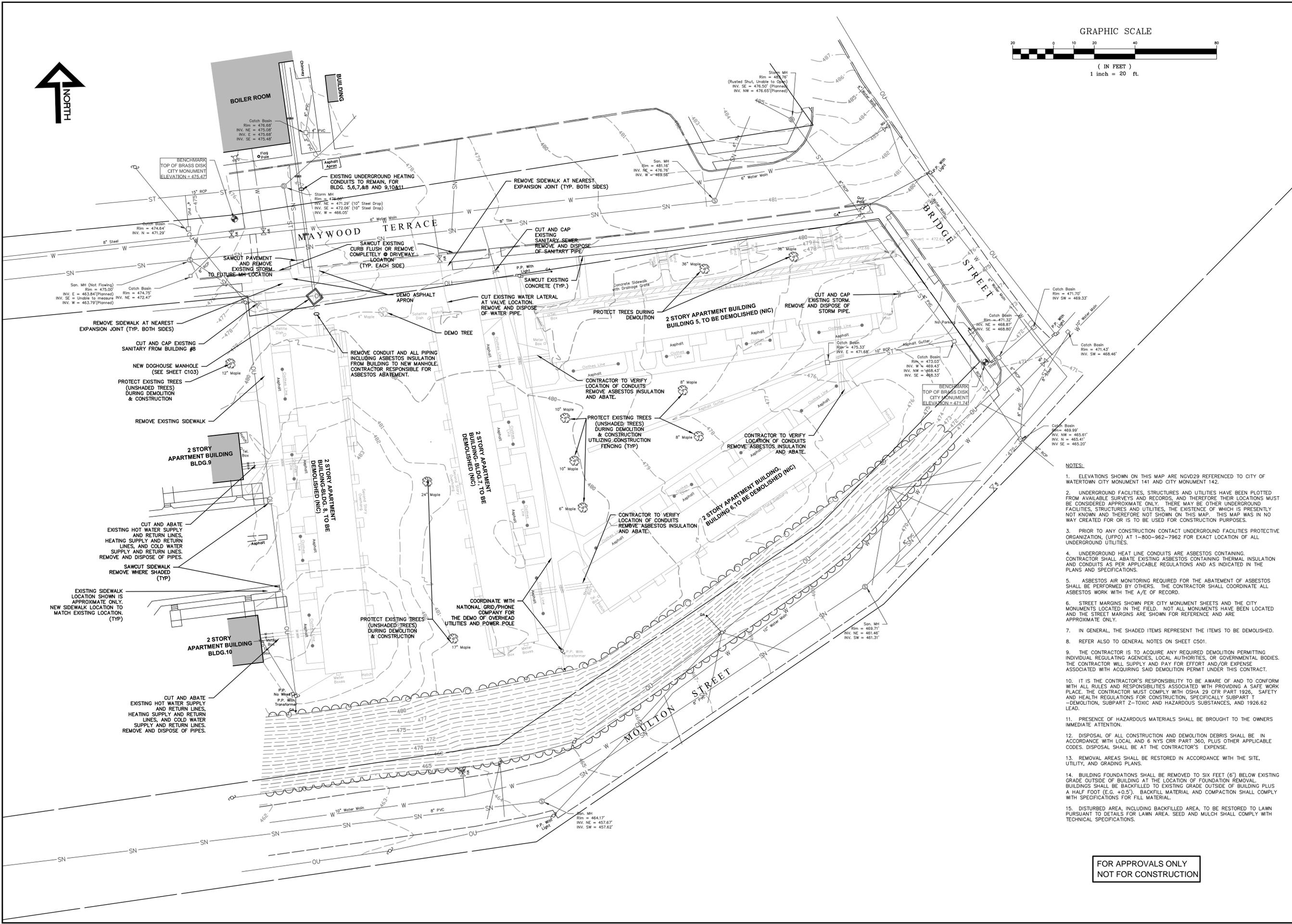
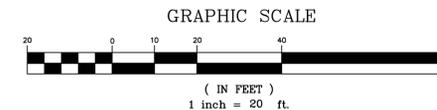
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DIRECTION OF A LICENSED  
PROFESSIONAL ENGINEER OR LAND  
SURVEYOR TO ALTER THIS DOCUMENT  
IN ANY MANNER WITHOUT THE  
LICENSEE'S SIGNATURE AND SEAL.  
LICENSEE SHALL APPLY HIS OR HER  
SEAL AND THE WORDING "AS-DESIGNED"  
BE FOLLOWED BY HIS OR HER  
SIGNATURE. DATE AND A SPECIFIC  
DESCRIPTION OF ALTERATION.*

GENERAL NOTES & INFORMATION

MAYWOOD TERRACE  
WATERTOWN HOUSING AUTHORITY  
CITY OF WATERTOWN, NY

Project No:	2010-151E
Scale:	As Noted
Date:	11/8/10
Drawn By:	BJD
Designed By:	BJD
Checked By:	
Date Issued:	11/23/10
Drwg. No.	

C001



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BOOK LICENSE SHALL AFTER HIS OR HER  
SEAL AND THE NOTATION "ALTERED BY"  
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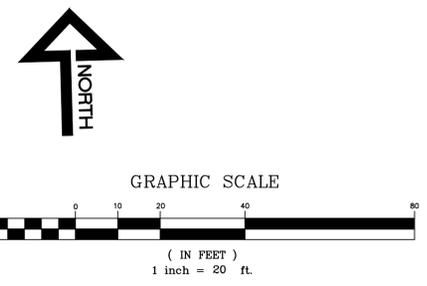
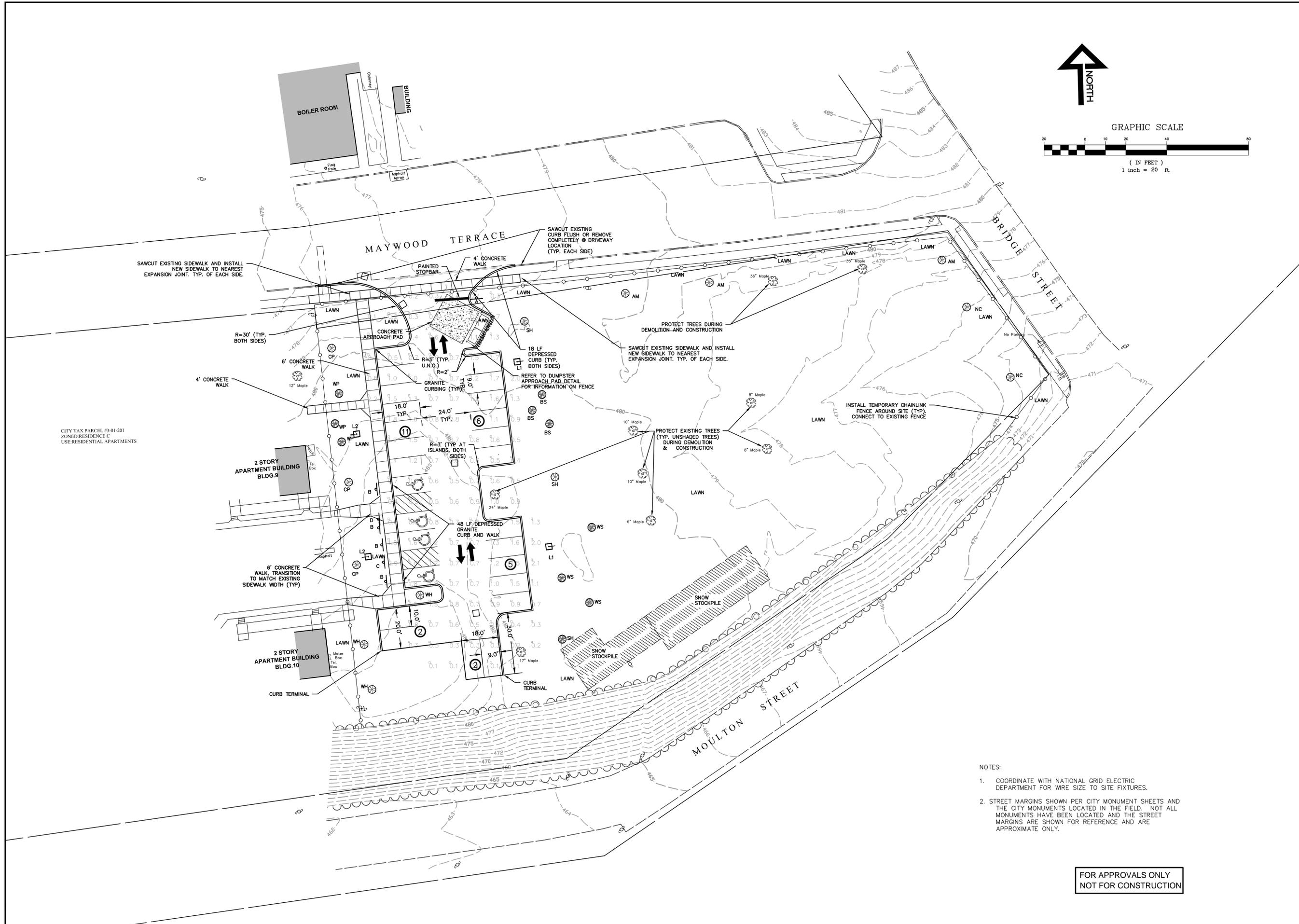
- NOTES:**
- ELEVATIONS SHOWN ON THIS MAP ARE NGVD29 REFERENCED TO CITY OF WATERTOWN CITY MONUMENT 141 AND CITY MONUMENT 142.
  - UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE 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, (UFP) AT 1-800-962-7962 FOR EXACT LOCATION OF ALL UNDERGROUND UTILITIES.
  - UNDERGROUND HEAT LINE CONDUITS ARE ASBESTOS CONTAINING. CONTRACTOR SHALL ABATE EXISTING ASBESTOS CONTAINING THERMAL INSULATION AND CONDUITS AS PER APPLICABLE REGULATIONS AND AS INDICATED IN THE PLANS AND SPECIFICATIONS.
  - ASBESTOS AIR MONITORING REQUIRED FOR THE ABATEMENT OF ASBESTOS SHALL BE PERFORMED BY OTHERS. THE CONTRACTOR SHALL COORDINATE ALL ASBESTOS WORK WITH THE A/E OF RECORD.
  - STREET MARGINS SHOWN PER CITY MONUMENT SHEETS AND THE CITY MONUMENTS LOCATED IN THE FIELD. NOT ALL MONUMENTS HAVE BEEN LOCATED AND THE STREET MARGINS ARE SHOWN FOR REFERENCE AND ARE APPROXIMATE ONLY.
  - IN GENERAL, THE SHADED ITEMS REPRESENT THE ITEMS TO BE DEMOLISHED.
  - REFER ALSO TO GENERAL NOTES ON SHEET C501.
  - THE CONTRACTOR IS TO ACQUIRE ANY REQUIRED DEMOLITION PERMITTING INDIVIDUAL REGULATING AGENCIES, LOCAL AUTHORITIES, OR GOVERNMENTAL BODIES. THE CONTRACTOR WILL SUPPLY AND PAY FOR EFFORT AND/OR EXPENSE ASSOCIATED WITH ACQUIRING SAID DEMOLITION PERMIT UNDER THIS CONTRACT.
  - 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, SPECIFICALLY SUBPART T -DEMOLITION, SUBPART Z-TOXIC AND HAZARDOUS SUBSTANCES, AND 1926.62 LEAD.
  - PRESENCE OF HAZARDOUS MATERIALS SHALL BE BROUGHT TO THE OWNERS IMMEDIATE ATTENTION.
  - DISPOSAL OF ALL CONSTRUCTION AND DEMOLITION DEBRIS SHALL BE IN ACCORDANCE WITH LOCAL AND 6 NYS CRR PART 360, PLUS OTHER APPLICABLE CODES. DISPOSAL SHALL BE AT THE CONTRACTOR'S EXPENSE.
  - REMOVAL AREAS SHALL BE RESTORED IN ACCORDANCE WITH THE SITE, UTILITY, AND GRADING PLANS.
  - BUILDING FOUNDATIONS SHALL BE REMOVED TO SIX FEET (6') BELOW EXISTING GRADE OUTSIDE OF BUILDING AT THE LOCATION OF FOUNDATION REMOVAL. BUILDINGS SHALL BE BACKFILLED TO EXISTING GRADE OUTSIDE OF BUILDING PLUS A HALF FOOT (E.G. +0.5'). BACKFILL MATERIAL AND COMPACTION SHALL COMPLY WITH SPECIFICATIONS FOR FILL MATERIAL.
  - DISTURBED AREA, INCLUDING BACKFILLED AREA, TO BE RESTORED TO LAWN PURSUANT TO DETAILS FOR LAWN AREA. SEED AND MULCH SHALL COMPLY WITH TECHNICAL SPECIFICATIONS.

**DEMOLITION PLAN**  
**MAYWOOD TERRACE**  
**WATERTOWN HOUSING AUTHORITY**  
**CITY OF WATERTOWN, NY**

Project No:	2010-151E
Scale:	AS NOTED
Date:	11/8/10
Drawn By:	BJD
Designed By:	BJD
Checked By:	
Date Issued:	11/23/10
Drwg. No.:	

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**C101**



CITY TAX PARCEL 03-01-201  
 ZONED: RESIDENCE C  
 USE: RESIDENTIAL APARTMENTS

- NOTES:
- COORDINATE WITH NATIONAL GRID ELECTRIC DEPARTMENT FOR WIRE SIZE TO SITE FIXTURES.
  - STREET MARGINS SHOWN PER CITY MONUMENT SHEETS AND THE CITY MONUMENTS LOCATED IN THE FIELD. NOT ALL MONUMENTS HAVE BEEN LOCATED AND THE STREET MARGINS ARE SHOWN FOR REFERENCE AND ARE APPROXIMATE ONLY.

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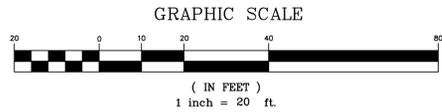
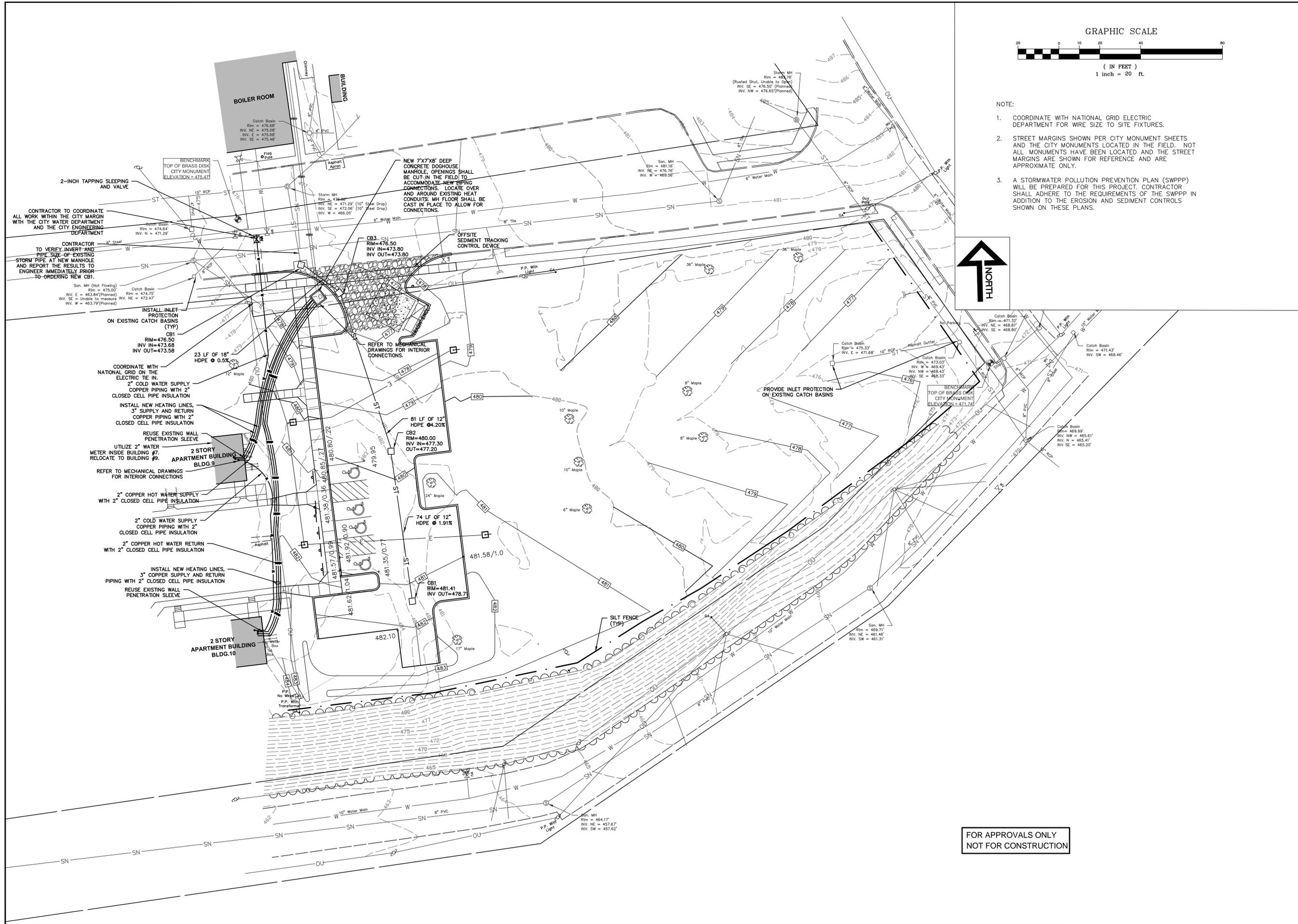
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SITE AND LANDSCAPING PLAN  
 MAYWOOD TERRACE  
 WATERTOWN HOUSING AUTHORITY  
 CITY OF WATERTOWN, NY

Project No:	2010-151E
Scale:	AS NOTED
Date:	11/8/10
Drawn By:	BJD
Designed By:	BJD
Checked By:	
Date Issued:	11/23/10
Drwg. No.	

C102



- NOTE:
1. COORDINATE WITH NATIONAL GRID ELECTRIC DEPARTMENT FOR WIRE SIZE TO SITE FIXTURES.
  2. STREET MARGINS SHOWN PER CITY MONUMENT SHEETS AND THE CITY MONUMENTS LOCATED IN THE FIELD. NOT ALL MONUMENTS HAVE BEEN LOCATED AND THE STREET MARGINS ARE SHOWN FOR REFERENCE AND ARE APPROXIMATE ONLY.
  3. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) WILL BE PREPARED FOR THIS PROJECT. CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE SWPPP IN ADDITION TO THE EROSION AND SEDIMENT CONTROLS SHOWN ON THESE PLANS.



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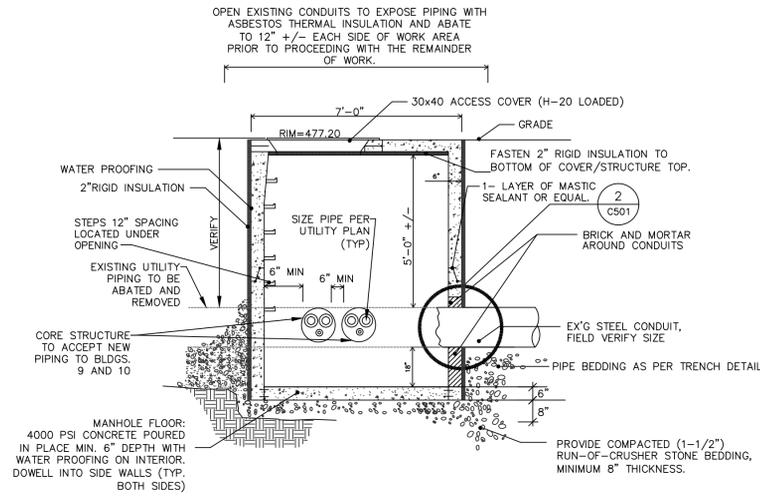


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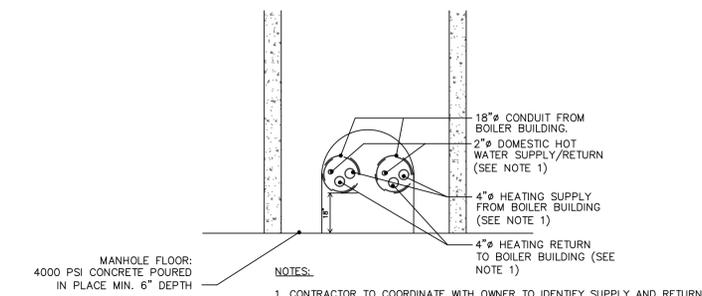
UTILITY AND GRADING PLAN  
MAYWOOD TERRACE  
WATERTOWN HOUSING AUTHORITY  
CITY OF WATERTOWN, NY

Project No:	2010-151E
Scale:	AS NOTED
Date:	11/8/10
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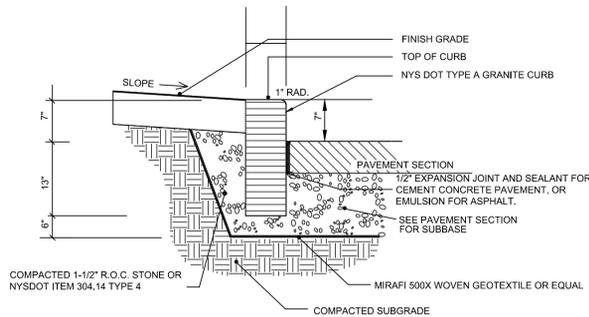
C103



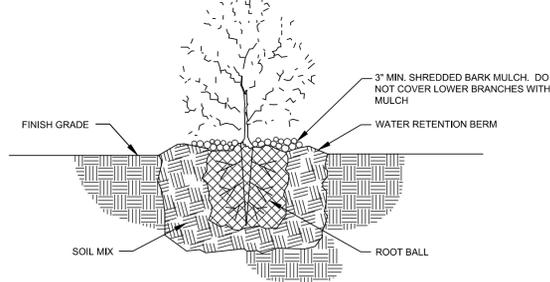
1 CONNECTION AT DOGHOUSE MANHOLE DETAIL  
C501 NOT TO SCALE



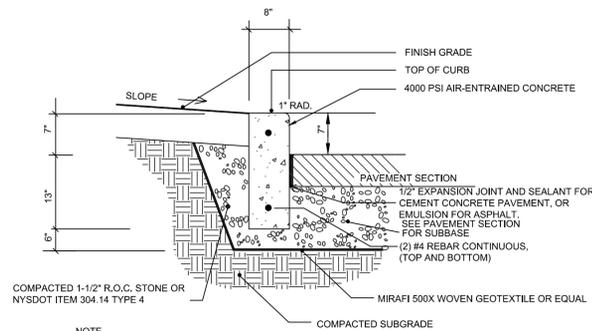
2 DOGHOUSE MANHOLE INLET FROM BOILER DETAIL  
C501 NOT TO SCALE SW136-01



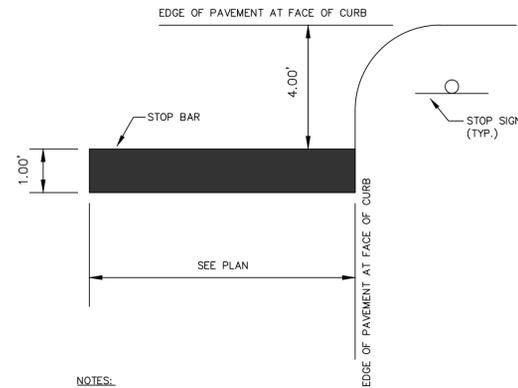
3 TYPICAL GRANITE CURB  
C501 NOT TO SCALE D151-01



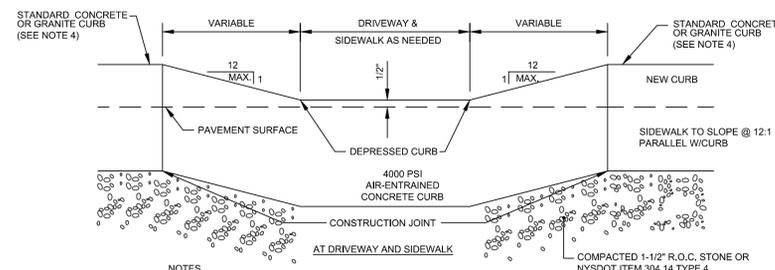
4 SHRUB PLANTING DETAIL  
C501 NOT TO SCALE



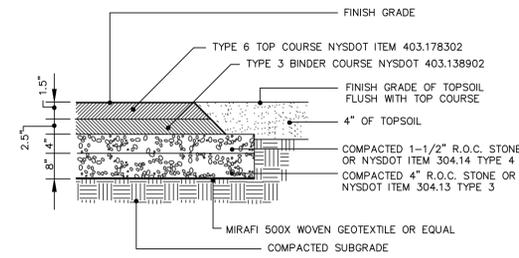
5 TYPICAL CAST-IN-PLACE CONCRETE CURB SECTION  
C501 NOT TO SCALE D151-01



6 TYPICAL STOP BAR DETAIL  
C501 NOT TO SCALE

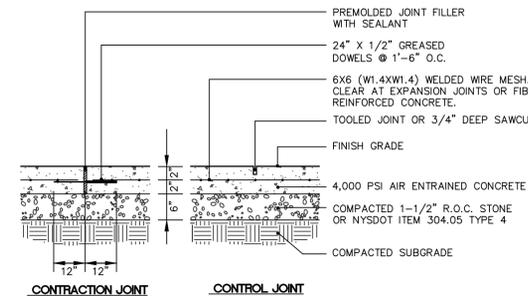


7 DEPRESSED CURB  
C501 NOT TO SCALE D145-02

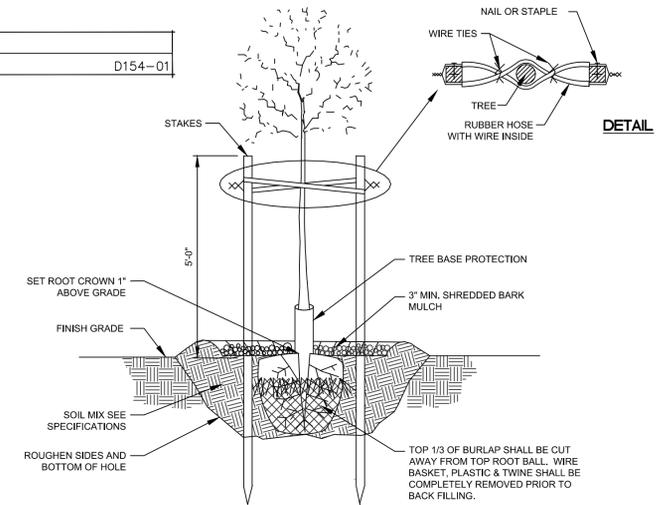


SIEVE	% PASSING BY WT.
	SIZE DESIGNATION AS SHOWN ON DRAWING
	(1-1/2")
	(4")
4"	100
3"	90-100
2"	75-90
1-1/2"	100
1"	90-100
3/4"	60-80
1/2"	40-60
1/4"	40-60
#40	10-40
#200	0-10
	0-10

8 TYPICAL PAVEMENT DETAIL  
C501 NOT TO SCALE D153-01



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



10 TREE PLANTING AND STAKING DETAIL  
C501 NOT TO SCALE

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 ARCHITECT OR ENGINEER.
2. ALL TREES SHALL ARRIVE ON SITE BEARING THE ORIGINAL IDENTIFICATION TAGS SHOWING THE BOTANICAL NAME, COMMON NAME AND SIZE.
3. ALL TREES SHALL HAVE A MIN. 4" DIA. SHREDDED HARDWOOD MULCH RING AROUND THE BASE OF THE TREE.
4. ALL LANDSCAPE BEDS SHALL HAVE WEED BARRIER FABRIC AND 3" MIN. DEEP SHREDDED HARDWOOD MULCH.
5. ALL PLANT MATERIAL SHALL BE THOROUGHLY WATERED BY THE CONTRACTOR AT THE TIME OF PLANTING.
6. 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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IN ANY MANNER WITHOUT THE  
LICENSEE'S SIGNATURE AND SEAL.  
LICENSEE SHALL APPLY HIS OR HER  
SEAL AND SIGNATURE TO ALL  
DRAWINGS AND SPECIFICATIONS  
PREPARED BY HIS OR HER  
ASSOCIATES. THIS AND A SPECIFIC  
DESCRIPTION OF ALTERATION.

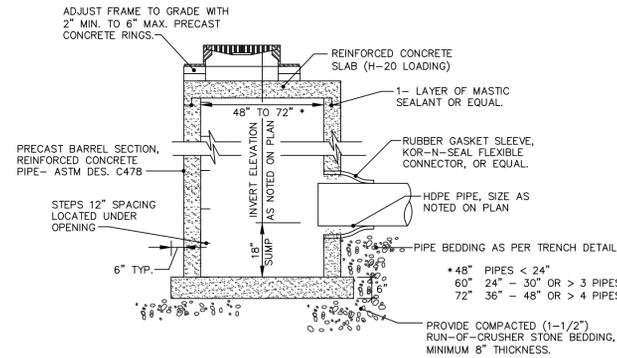
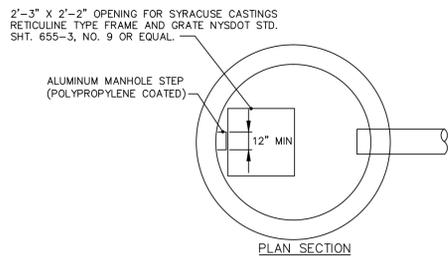
SITE DETAILS

MAYWOOD TERRACE  
WATERTOWN HOUSING AUTHORITY  
CITY OF WATERTOWN, NY

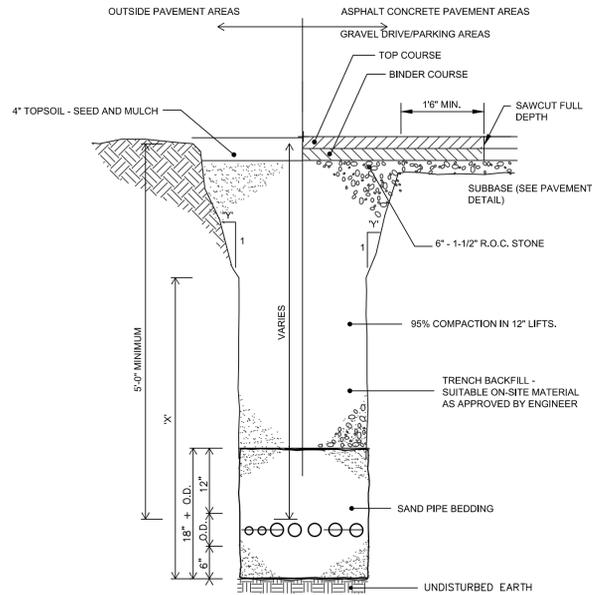
Project No: 2010-151E  
Scale: As Noted  
Date: 11/8/10  
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C501



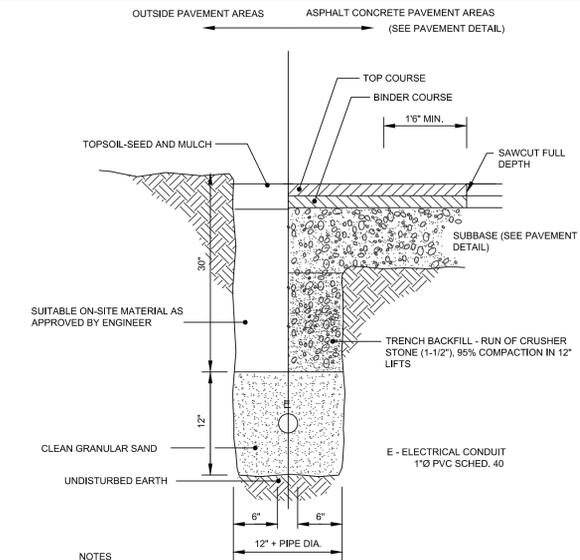


1	<b>TYPICAL PRECAST CATCH BASIN DETAIL (CB)</b>	
C503	NOT TO SCALE	D102-02



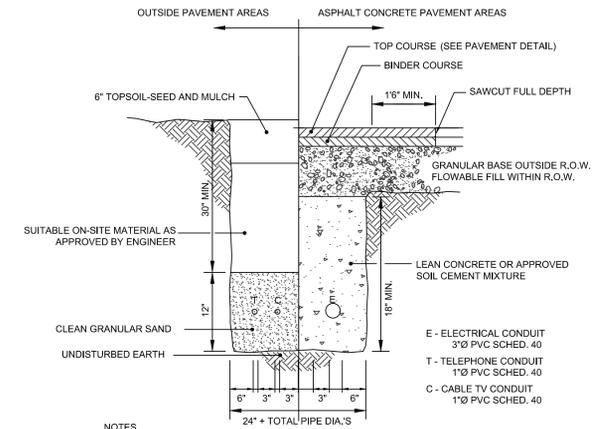
- NOTES**
- DIMENSIONS 'X' AND 'Y' SHOWN ABOVE SHALL BE DETERMINED BY CONTRACTOR TO COMPLY WITH O.S.H.A., NEW YORK STATE DEPARTMENT OF LABOR, NEW YORK STATE INDUSTRIAL CODE AND ALL OTHER APPLICABLE SAFETY STANDARDS.
  - SAFETY SHEETING OR TRENCH BOX MAY BE USED IN PLACE OF SLOPED TRENCH WALLS.
  - SHEETING, WHEN REQUIRED, TO BE CUT OFF AT LEAST 5 FEET BELOW STREET AND A MINIMUM OF 1 FOOT ABOVE TOP OF PIPE. WOOD SHEETING DRIVEN BELOW MID-DIAMETER OF THE PIPE SHALL BE LEFT IN PLACE. STEEL SHEETING DRIVEN BELOW MID-DIAMETER MAY BE WITHDRAWN IF APPROVED IN WRITING BY THE ENGINEER. FOR PVC PIPE ALL SHEETING DRIVEN BELOW MID-DIAMETER SHALL BE LEFT IN PLACE.

2	<b>TYPICAL TRENCH DETAIL</b>	
C503	NOT TO SCALE	D101-02



- NOTES**
- TRENCHES LOCATED ON ROAD SHOULDERS SHALL BE TREATED THE SAME AS UNDER PAVEMENT.
  - ELECTRICAL LINE TRENCH TO BE LOCATED A MINIMUM OF 2 FT. FROM COMMUNICATION LINE TRENCH.

3	<b>TYPICAL ELECTRICAL TRENCH DETAIL</b>	
C503	NOT TO SCALE	E102-01



- NOTES**
- TRENCHES LOCATED ON ROAD SHOULDERS SHALL BE TREATED THE SAME AS UNDER PAVEMENT.
  - INSTALLATION REQUIREMENTS TO BE VERIFIED WITH LOCAL UTILITY COMPANY. PORTIONS OR ALL OF PRIMARY SERVICES MAY BE INSTALLED BY LOCAL UTILITY COMPANIES. CONTRACTOR SHALL COORDINATE INSTALLATION WITH UTILITY COMPANIES.

4	<b>TYPICAL UNDERGROUND UTILITY TRENCH DETAIL</b>	
C503	NOT TO SCALE	E103-02

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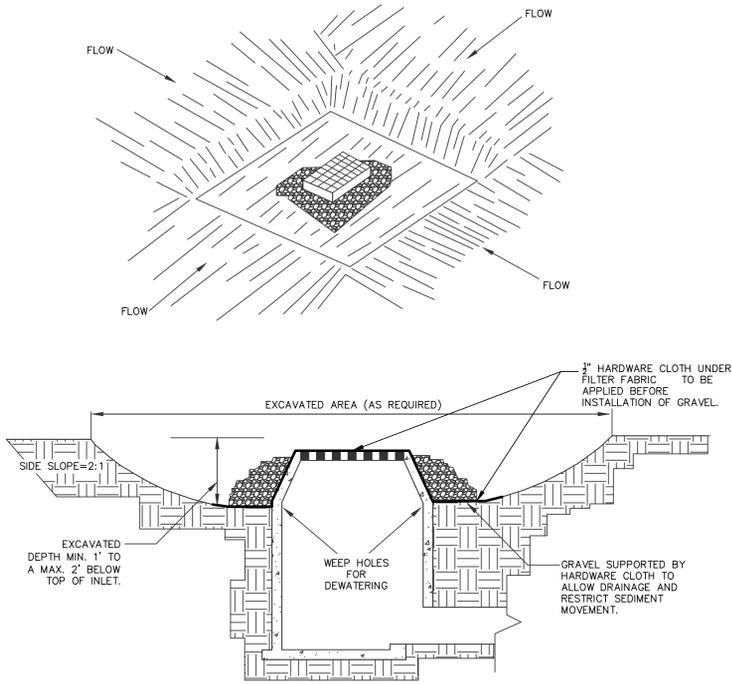
**SITE DETAILS**

**MAYWOOD TERRACE  
WATERTOWN HOUSING AUTHORITY  
CITY OF WATERTOWN, NY**

Project No: 2010-151E  
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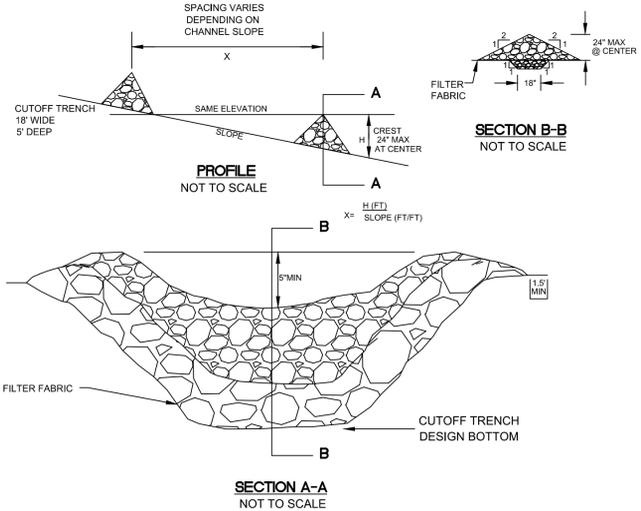
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**C503**

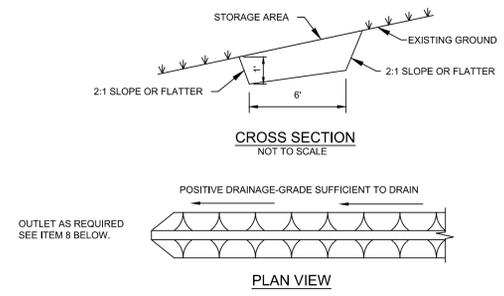


- CONSTRUCTION SPECIFICATIONS:**
- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
  - GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
  - WEEP HOLES SHALL BE PROTECTED BY GRAVEL.
  - UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL WEEP HOLES, FILL BASIN WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY AND STABILIZE WITH PERMANENT SEEDING.
- MAXIMUM DRAINAGE AREA 1 ACRE

1	<b>EXCAVATED DROP INLET PROTECTION DETAIL</b>
C504	NOT TO SCALE



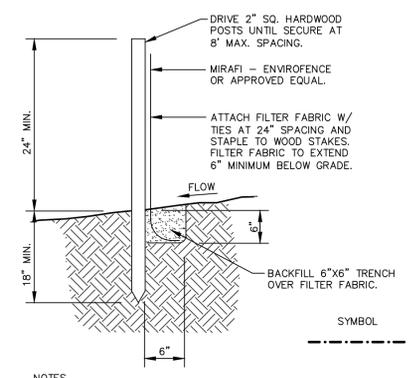
3	<b>TYPICAL CHECK DAM DETAIL</b>
C504	NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS**
- ALL TEMPORARY SWALES SHALL HAVE UNINTERRUPTED POSITIVE GRADE TO AN OUTLET.
  - DIVERTED RUN-OFF FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE.
  - DIVERTED RUN-OFF FROM AN UNDISTURBED AREA SHALL OUTLET DIRECTLY INTO AN UNDISTURBED STABILIZED AREA AT NON-EROSIVE VELOCITY.
  - ALL TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SHALL BE REMOVED AND DISPOSED OF SO AS NOT TO INTERFERE WITH THE PROPER FUNCTIONING OF THE SWALE.
  - THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED HEREIN AND BE FREE OF BANK PROJECTIONS OR OTHER IRREGULARITIES WHICH WILL IMPEDE NORMAL FLOW.
  - FILLS SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
  - ALL EARTH REMOVED AND NOT NEEDED FOR CONSTRUCTION SHALL BE PLACED SO THAT IT WILL NOT INTERFERE WITH THE FUNCTIONING OF THE SWALE.
  - STABILIZATION SHALL BE AS PER THE FLOW CHANNEL STABILIZATION CHART BELOW:

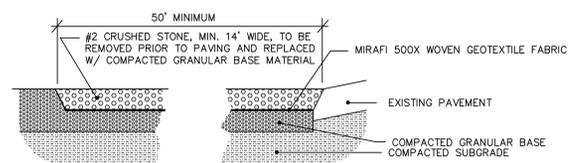
TYPE OF TREATMENT	CHANNEL GRADE	FLOW CHANNEL	
		A (<5 AC.)	B (5-10 AC.)
1	0.5-3.0%	SEED & STRAW MULCH	SEED & STRAW MULCH
2	3.1-5.0%	SEED & STRAW MULCH	SEED AND COVER WITH JUTE OR EXCELSIOR, SOD, OR LINED WITH 2" STONE
3	5.1-8.0%	SEED AND COVER WITH JUTE OR EXCELSIOR, SOD, OR LINED WITH 2" STONE	LINE WITH 4"-8" STONE OR RECYCLED CONCRETE EQUIVALENT
4	8.1-20%	LINE WITH 4"-8" STONE OR RECYCLED CONCRETE EQUIVALENT	ENGINEERING DESIGN

5	<b>TEMPORARY SWALE</b>
C504	NOT TO SCALE

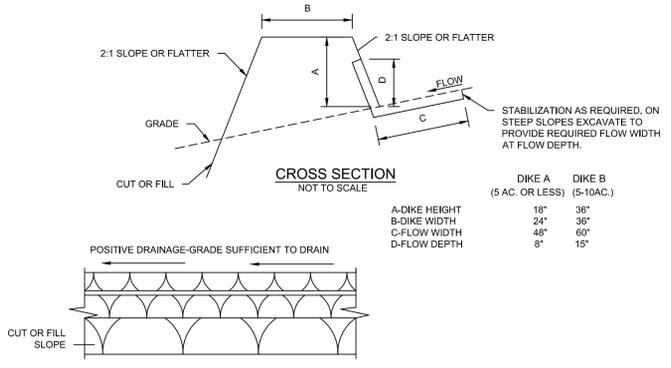


- NOTES**
- SILTATION FENCE TO REMAIN IN PLACE UNTIL LAWN HAS BEEN ESTABLISHED AND/OR FINISH SURFACES HAVE BEEN INSTALLED.
  - SILTATION FENCE TO BE CHECKED AND MAINTAINED THROUGHOUT CONSTRUCTION. SILT ACCUMULATIONS SHALL BE REMOVED PERIODICALLY AS REQUIRED.
  - SECTIONS OF FILTER FABRIC TO HAVE 12"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

7	<b>TYPICAL SILTATION FENCE DETAIL</b>
C504	NOT TO SCALE



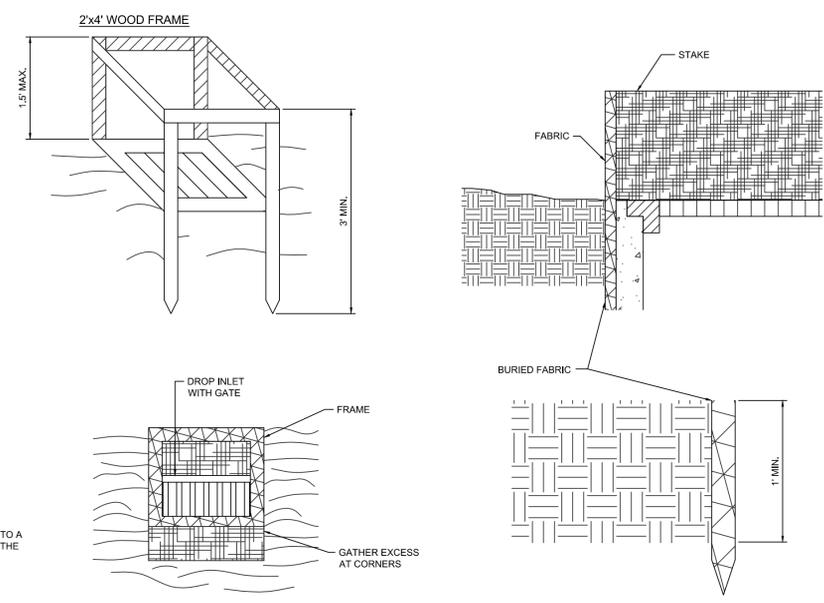
2	<b>TYPICAL OFFSITE SEDIMENT TRACKING CONTROL (CONST. ENTRANCE)</b>
C504	NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS**
- ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
  - ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
  - TOP WIDTH MAY BE WIDER AND SIDE SLOPES BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
  - FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
  - EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUN-OFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
  - STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH IF NOT IN SEEDING SEASON. (B) FLOW CHANNEL AS PER CHART BELOW.

TYPE OF TREATMENT	CHANNEL GRADE	FLOW CHANNEL	
		A (<5 AC.)	B (5-10 AC.)
1	0.5-3.0%	SEED & STRAW MULCH	SEED & STRAW MULCH
2	3.1-5.0%	SEED & STRAW MULCH	SEED AND COVER WITH JUTE OR EXCELSIOR, SOD, OR LINED WITH 2" STONE
3	5.1-8.0%	SEED AND COVER WITH JUTE OR EXCELSIOR, SOD, OR LINED WITH 2" STONE	LINE WITH 4"-8" STONE OR RECYCLED CONCRETE EQUIVALENT
4	8.1-20%	LINE WITH 4"-8" STONE OR RECYCLED CONCRETE EQUIVALENT	ENGINEERING DESIGN

4	<b>TEMPORARY EARTH DIKE</b>
C504	NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS**
- FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
  - CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
  - STAKE MATERIALS WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT. METAL WITH A MINIMUM LENGTH OF 3 FEET.
  - SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
  - FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
  - A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
- MAXIMUM DRAINAGE AREA 1 ACRE.

6	<b>FILTER FABRIC DROP INLET PROTECTION DETAIL</b>
C504	NOT TO SCALE

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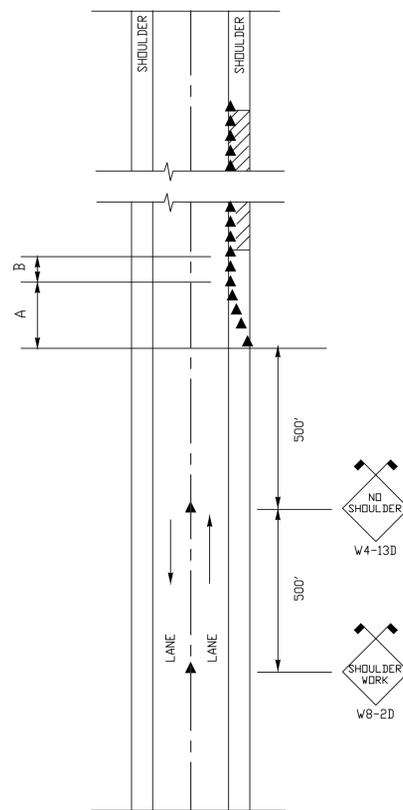
**E.S.C. DETAILS**

**MAYWOOD TERRACE  
WATERTOWN HOUSING AUTHORITY  
CITY OF WATERTOWN, NY**

Project No:	2010-151E
Scale:	As Noted
Date:	11/8/10
Drawn By:	BJD
Designed By:	BJD
Checked By:	
Date Issued:	11/23/10
Drwg. No.	

**C504**

TRAFFIC CONTROL FOR SHOULDER CLOSURE ON ALL HIGHWAYS

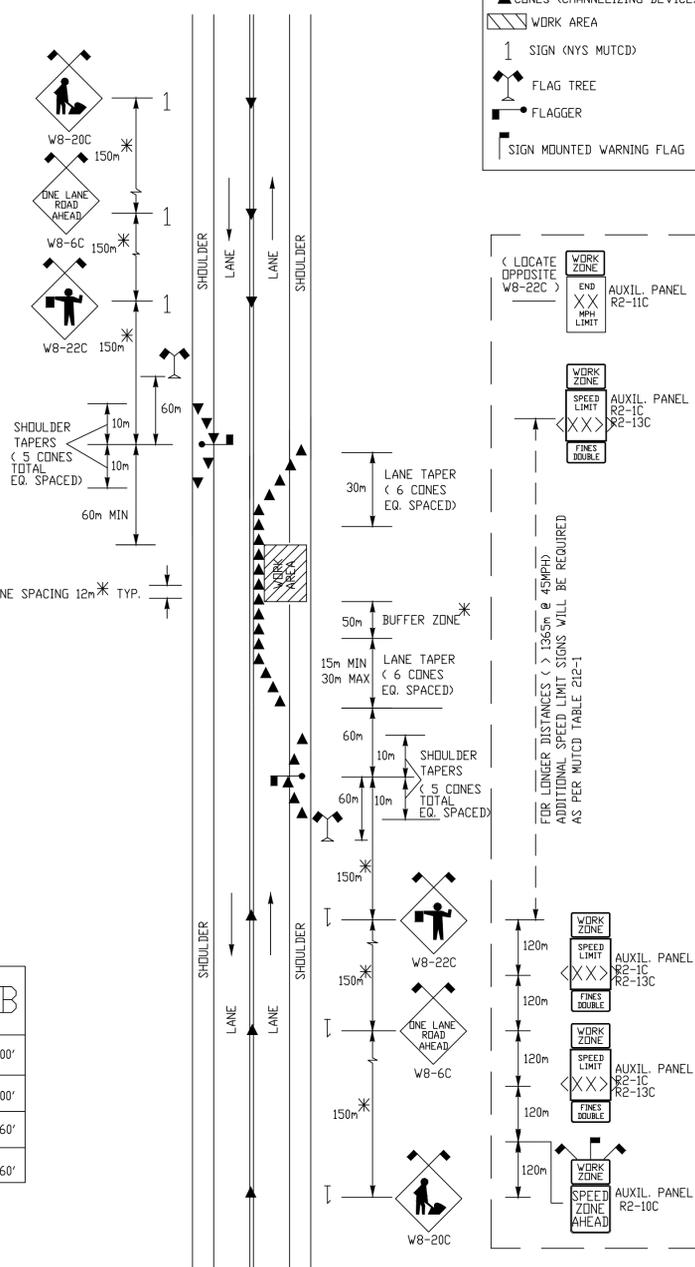


NOTES:

- LEGEND ▲ DELINEATION DEVICE
- \*A\* = TRANSITION LENGTH, SEE TABLE
- \*B\* = BUFFER ZONE, SEE TABLE
- THE MAXIMUM SPACING BETWEEN DELINEATION DEVICES SHALL BE 40'.
- ANTICIPATED WORK DURATION, 1 HOUR TO 12 HOURS; DAYTIME ONLY.

SPEED (MPH)	SHOULDER WIDTH	A	B
45	4' TO 8'	120'	200'
45	10' TO 12'	200'	200'
55	4' TO 8'	160'	360'
55	10' TO 12'	240'	360'

TYPICAL WORK ZONE TRAFFIC CONTROL FOR FLAGGER CONTROLLED ONE LANE - TWO WAY TRAFFIC OPERATION (NO SCALED)



LEGEND

- ▲ CONES (CHANNELIZING DEVICE)
- ▨ WORK AREA
- 1 SIGN (NYS MUTCD)
- 🚧 FLAG TREE
- 🚧 FLAGGER
- 🚧 SIGN MOUNTED WARNING FLAG

NOTES:

- FOR URBAN SETTINGS WITH SPEED LIMITS OF 30 MPH OR LESS, THE SIGN SPACING MAY BE SHORTENED TO 90m/90m/90m AND THE BUFFER ZONE DISTANCE SHORTENED TO 30m. THE MAXIMUM CONE SPACING WILL BE REDUCED BASED ON SPEED.
- THE LONGITUDINAL DISTANCES SHOWN MAY BE ADJUSTED TO COMPENSATE FOR THE EFFECT OF GRADE, SIGHT DISTANCE OR FIELD RESTRICTIONS, A.D.B.E. IN ADDITION, EACH WORK ZONE SETUP SHOULD BE EVALUATED FOR FUNCTIONAL, OPERATIONAL AND SAFETY CONCERNS. THESE ISSUES MAY WARRANT APPROPRIATE MODIFICATIONS TO THE WORK ZONE SETUP(S) IN ORDER TO FIT THE SITE CONDITIONS, A.D.B.E.
- FLAGGER STATIONS SHALL BE ADJACENT TO THE TRAFFIC LANES BEING CONTROLLED AND SHALL BE POSITIONED SO THAT THE FLAGGER CAN VIEW THE CONSTRUCTION OPERATION AND THE OTHER FLAGGERS. THE FLAGGER SHALL HAVE A CLEAR ESCAPE PATH AT ALL TIMES, FREE FROM PARKED VEHICLES, EQUIPMENT, OR OTHER OBSTACLES.
- FLAGGERS SHALL BE REQUIRED TO USE TWO-WAY RADIOS, WALKIE-TALKIES, OR OTHER FORMS OF ENHANCED COMMUNICATIONS WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER, OR IF THE ENGINEER DEEMS IT NECESSARY. ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 M.
- ADDITIONAL FLAGGERS SHALL BE POSTED AT INTERSECTING ROADS AND DRIVEWAY ENTRANCES WHERE TRAFFIC IS ENTERING THE WORK ZONE AND NEEDS TO BE CONTROLLED, A.D.B.E..
- THE MAXIMUM SPACING FOR ALL DELINEATION DEVICES SHALL BE 12m. IN ADDITION, THE DELINEATION DEVICES @ LANE TAPERS SHALL BE PLACED AT A 6m MAXIMUM INTERVAL.
- REGULATORY SPEED ZONES WILL BE REQUIRED TYPICALLY FOR LONG WORK AREAS (> 300 METERS) AND FOR MULTIPLE WORK AREAS IN CLOSE PROXIMITY (< 1.0 KM SEPARATION). SPEED ZONES ARE NOT INTENDED FOR SHORT, ISOLATED WORK AREAS OR FOR PROJECTS UTILIZING PILOT VEHICLES. A SINGLE CONTINUOUS SPEED ZONE WILL BE ESTABLISHED FOR THE MULTIPLE WORK ZONES IN CLOSE PROXIMITY, A.D.B.E. THE SPEED LIMIT (DESIGNATED AS "XX") WILL BE DETERMINED BY THE ENGINEER, IN CONSULTATION WITH THE REGIONAL TRAFFIC ENGINEER. THE DECISION TO USE SPEED ZONES AND/OR TO COMBINE WORK AREAS RESTS WITH THE ENGINEER.

FOR LONGER DISTANCES (> 1365m @ 45MPH) ADDITIONAL SPEED LIMIT SIGNS WILL BE REQUIRED AS PER MUTCD TABLE 6E-1

\*SEE NOTE 1

VERSION DATE 4/13/01

FED ROAD REG. NO.	STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
1	N.Y.			

P.I.N.	B.I.N.

AS BUILT REVISIONS			
SIGNATURE		DATE	
MAINTENANCE AND PROTECTION OF TRAFFIC DETAILS & NOTES			
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION			
FILENAME	REGION	DATE	DRAWING NO.

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