

McKINLEY PARK GI IMPROVEMENTS

West Newell St, Syracuse, New York 13205

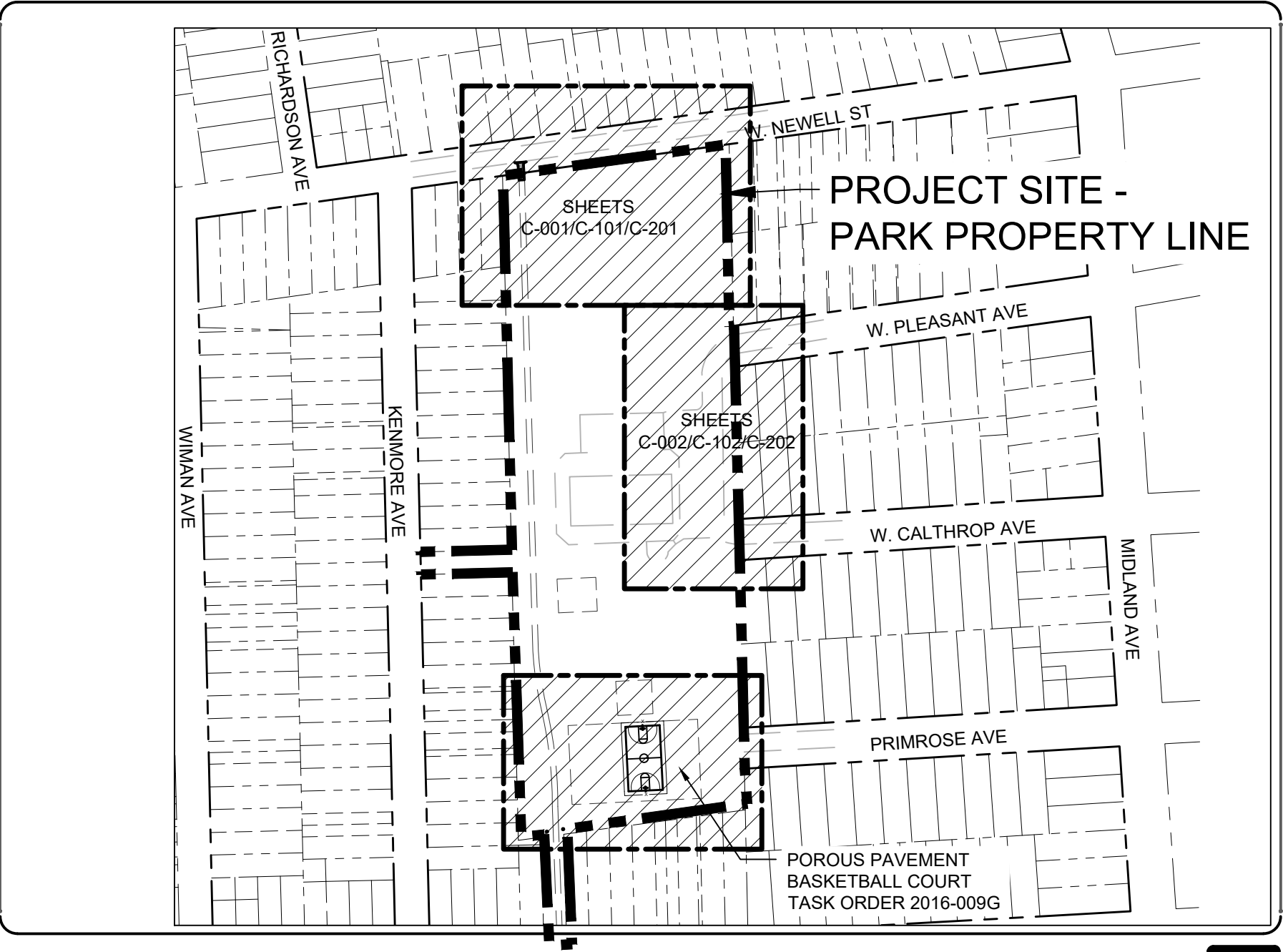
TASK ORDER # 2017-007G/006L

100% DESIGN SUBMITTAL

EDR Job # 16059

JULY 2017

Project Location Map / Plan Key

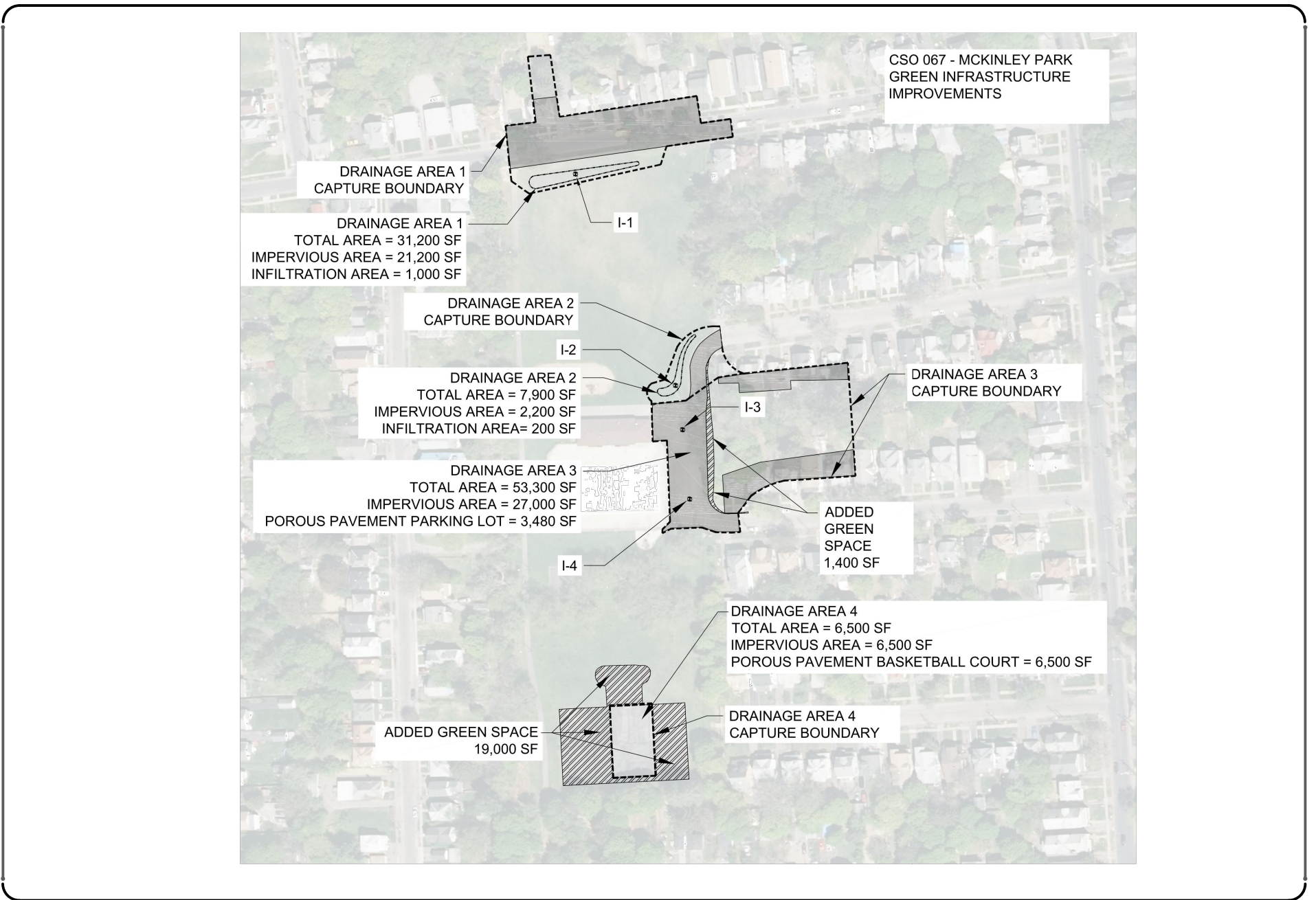


SCALE: 1" = 200'

Drawing Index:

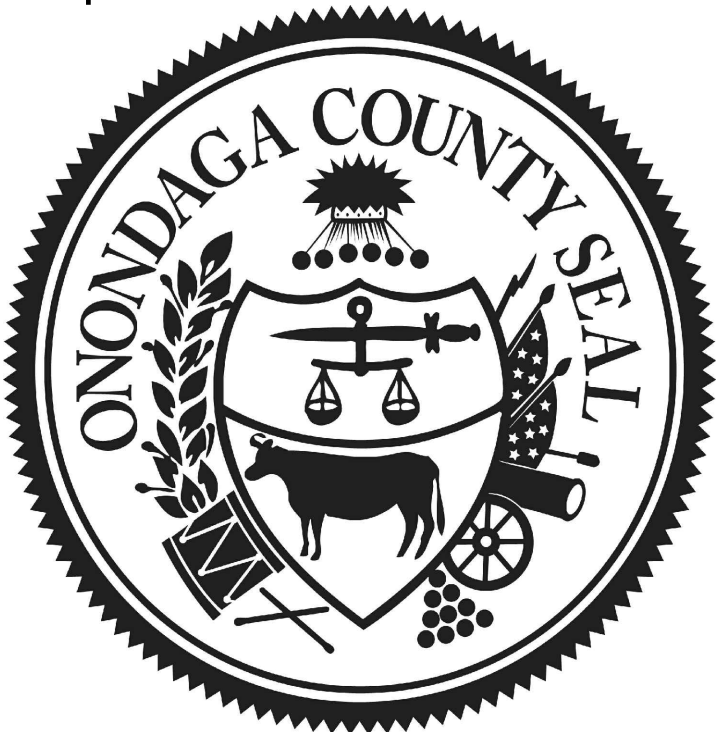
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Drainage Area Map



SCALE: N.T.S.

Prepared for:



Save the Rain...



Prepared by:



(TOPOGRAPHIC SURVEY)

THIS PROJECT UTILIZES THE ONONDAGA COUNTY 2017 ANNUAL STREET STRUCTURES CONTRACT AT VARIOUS LOCATIONS FOR STANDARD DETAILS.

APPROVED: _____
OCDWEP COMMISSIONER:
TOM RHOADS

DATE: _____

A. GENERAL NOTES

1. PROVIDE TEMPORARY FENCING AND ADEQUATE SIGNAGE TO MAINTAIN SECURITY AT ALL TIMES IN ORDER TO PROTECT THE WORK IN PROGRESS. OPEN EXCAVATIONS SHALL BE PROPERLY PROTECTED AT ALL HOURS. ALL EXCAVATIONS SHALL BE BACK FILLED AT THE END OF EACH DAY.
2. NOTIFY DIG SAFELY NEW YORK (811) AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.
3. CONTRACTOR SHALL NOTIFY ALL UTILITY PURVEYORS AT LEAST 72 HOURS IN ADVANCE OF STARTING ANY WORK.
4. VERIFY ALL EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO START OF WORK AND IMMEDIATELY NOTIFY ENGINEER OF POTENTIAL CONFLICTS WITH PROPOSED WORK.
5. PROTECT EXISTING TREES AND OTHER SITE AMENITIES INDICATED TO REMAIN DURING CONSTRUCTION. INSTALL PROTECTIVE FENCING AS INDICATED ON THE DRAWINGS AND/OR AS DETAILED. EXERCISE ALL REASONABLE CARE WHEN WORKING IN CLOSE PROXIMITY TO EXISTING VEGETATION TO AVOID DAMAGE. AVOID THE USE OF HEAVY EQUIPMENT OR STOCKPILING MATERIALS WITHIN THE TREES' DRIP LINE.
6. THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN FOR VEHICULAR AND PEDESTRIAN TRAFFIC IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD). TRAFFIC CONTROL PLAN SHALL BE APPROVED BY THE CITY OF SYRACUSE PRIOR TO THE COMMENCEMENT OF ALL CONSTRUCTION ACTIVITIES. ALL TRAFFIC CONTROL DEVICES SHALL REMAIN IN PLACE AND BE PROPERLY MAINTAINED FOR THE DURATION OF THE WORK.
7. THE CONTRACTOR SHALL APPLY FOR ALL REQUIRED PERMITS AND PAY ALL REQUIRED FEES BY GOVERNING AGENCIES HAVING JURISDICTION OVER THE FACILITIES AND NATURAL FEATURES FOUND ON THE SITE.
8. ALL WORK AND AMENITIES SHOWN ON THE CONTRACT DOCUMENTS SHALL BE CONSIDERED "NEW" UNLESS INDICATED TO BE "EXISTING".
9. THE CONTRACTOR SHALL SCHEDULE THE CONSTRUCTION SEQUENCE TO MAINTAIN CONTINUITY OF ACTIVITIES WITHOUT DELAYS.
10. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS PRIOR TO THE START OF ANY CONSTRUCTION SITE DISTURBANCE.
11. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS AND MAKE ALL NECESSARY PROVISIONS FOR PROTECTION OF THE PUBLIC, THE WORKMEN AND THE WORK, AND FOR MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
12. SITE ACCESS IS RESTRICTED TO THE LOCATIONS SPECIFICALLY DESIGNATED ON PLAN.
13. THE CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), STATE AND LOCAL SAFETY REGULATIONS.
14. PROMPTLY REPORT TO THE ENGINEER ANY DISCREPANCIES FOUND ON THE SITE OR IN THE CONTRACT DOCUMENTS FOR REVIEW AND RESOLUTION BEFORE PROCEEDING WITH THE WORK IN THE AREA IN QUESTION. PROVIDE FIELD INFORMATION SPECIFIC TO THE DISCREPANCY TO EXPEDITE RESOLUTION.
15. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING A NEW YORK STATE LICENSED LAND SURVEYOR FOR THE LAYOUT AND STAKEOUT OF ALL SITE WORK AND PREPARATION OF AS-BUILT SURVEY.
16. AT CLOSE OF PROJECT, CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF ALL STRUCTURES USING A NYS LICENSED SURVEYOR. THE CONTRACTOR SHALL PREPARE AS-BUILT RECORD DRAWING SHOWING RIMS, INVERTS, PIPE SIZES, PIPE LOCATIONS PIPE BENDS, CLEANOUTS, BLIND CONNECTIONS, ETC.
17. LOCATE, PROTECT, AND MAINTAIN BENCHMARKS, MONUMENTS, CONTROL POINTS AND PROJECT SURVEYING REFERENCE POINTS.
18. AVOID ANY DISTURBANCE OF EXISTING VEGETATION ON THE SITE EXCEPT THE VEGETATION SPECIFICALLY DESIGNATED TO BE REMOVED.
19. TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION AND CONTROL SEDIMENTATION AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEWATERING AND MAINTENANCE OF SURFACE WATER AND/OR GROUNDWATER ENCOUNTERED DURING THE COURSE OF WORK.
21. COMPLY WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS REGARDING MATERIALS, METHODS OF WORK AND DISPOSAL OF EXCESS AND WASTE MATERIALS.
22. BURNING OF MATERIALS OF ANY DESCRIPTION ON THE SITE IS PROHIBITED.
23. PRIOR TO THE START OF WORK, THE CONTRACTOR SHALL:
 - A. REVIEW THE CONTRACT DOCUMENTS FOR ACCURACY OF EXISTING CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES. BY COMMENCING CONSTRUCTION, THE CONTRACTOR ACCEPTS THE CONTRACT DOCUMENTS AS ACCURATELY REPRESENTING THE EXISTING SITE CONDITIONS.
 - B. ESTABLISH THE LIMITS OF ALL AREAS TO BE DISTURBED.
 - C. PROVIDE EXPLORATORY EXCAVATIONS AND COORDINATE ALL PIPING LAYOUTS WITH THE ENGINEER TO ELIMINATE ALL CONFLICTS WITH EXISTING UTILITIES.
22. THE USE OF EXPLOSIVES OF ANY DESCRIPTION ON THE SITE IS PROHIBITED.
23. CONSTRUCTION DEBRIS AND DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE DAILY AS DETERMINED BY THE ENGINEER AND SHALL NOT BE ALLOWED TO ACCUMULATE. EMPLOY APPROPRIATE MEASURES TO PREVENT LOOSE DEBRIS FROM LEAVING THE CONSTRUCTION AREA.

24. ALL FACILITIES TO BE CONSTRUCTED OR INSTALLED SHALL COMPLY WITH ALL SECTIONS AND LATEST REVISIONS OF THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
25. LONG LEAD AND SCARCE MATERIALS SHALL BE ORDERED IN A TIMELY MANNER TO PREVENT AVOIDABLE CONSTRUCTION DELAYS.
26. THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. THE CONTRACTOR SHALL REPAIR, RESTORE AND/OR REPLACE ALL DAMAGE TO THE SATISFACTION OF ENGINEER AT NO ADDITIONAL COST TO THE OWNER.
27. THE CONTRACTOR SHALL RESTORE ALL DISTURBED SURFACES TO ORIGINAL OR BETTER CONDITION INCLUDING 6 INCHES OF TOPSOIL, SEED, FERTILIZER, AND MULCH. OTHER SURFACES SHALL BE RESTORED AS SHOWN ON THE DETAILS. SEE PLANTING PLAN FOR APPROPRIATE SEED MIX.
28. IMMEDIATELY FOLLOWING CONSTRUCTION, RETURN ALL EXISTING IMPROVEMENTS TO PRE-CONSTRUCTION CONDITIONS.
29. REPAIR ALL CONSTRUCTION ACCESS PATHWAYS TO PRE-CONSTRUCTION CONDITIONS AT THE CONCLUSION OF WORK.
30. REPLACE EXISTING LEAD WATER SERVICES TO THE PROPERTIES LISTED BELOW PER SYRACUSE WATER DEPARTMENT STANDARDS, DETAIL TU.01, IF ENCOUNTERED DURING THE WORK OF THIS CONTRACT:

348-350 WEST NEWELL ST.
352-354 WEST NEWELL ST.
356 WEST NEWELL ST.
358 WEST NEWELL ST.
362 WEST NEWELL ST.
366 WEST NEWELL ST.
368 WEST NEWELL ST.
370 WEST NEWELL ST.
374 WEST NEWELL ST.
31. SIDEWALK SHALL BE REPLACED IN FULL PANELS TO NEAREST JOINT.
32. CONTRACTOR SHALL BE AWARE THAT NATIONAL GRID HAS AGREED TO RELOCATE THE EXISTING GAS MAINS IN THE PARKING LOT AND ALONG W. NEWELL STREET. THE CONTRACTOR WILL BE PROVIDED WITH PLANS SHOWING THE NEW LOCATIONS ONCE AVAILABLE.

B. SURVEY NOTES

1. THE BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION SHOWN ON THIS PLAN WERE PREPARED BY PRUDENT ENGINEERING, LLP DATED AUGUST 2016.
2. THE COORDINATE DATUM IS BASED ON NEW YORK STATE PLANE COORDINATE SYSTEM - CENTRAL ZONE, NAD83 (2011).
3. VERTICAL DATUM IS NAVD83 (NYSNET).
4. SUBSURFACE UTILITY INFORMATION WAS OBTAINED FROM FIELD SURVEY AND FROM RESPECTIVE UTILITY PURVEYORS AND THEIR LOCATIONS AS SHOWN ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY SOIL DISTURBANCE. VERIFY ALL EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO START OF WORK AND IMMEDIATELY NOTIFY ENGINEER OF POTENTIAL CONFLICTS WITH PROPOSED WORK.
5. THE LOCATIONS OF STREET RIGHT-OF-WAY LINES ARE APPROXIMATE AND WERE PLOTTED FOR GRAPHICAL REPRESENTATION ONLY USING TAX MAP INFORMATION AND THE CITY OF SYRACUSE RIGHT-OF-WAY PLAT MAPS. NO TITLE DOCUMENTS WERE PROVIDED OR REVIEWED AT THE TIME OF THIS SURVEY.
6. THE CONTRACTOR'S ATTENTION IS DIRECTED TO ALL APPLICABLE LAWS REGARDING LIABILITY INCURRED THROUGH THE DISTURBANCE AND DESTRUCTION OF GEODETIC SURVEY MONUMENTS.
7. CITY OF SYRACUSE MONUMENTS SHALL NOT BE DISTURBED OR DESTROYED. IF THERE IS A CONFLICT OR A SURVEY MONUMENT IS WITHIN FIVE FEET OF CONSTRUCTION THE CITY OF SYRACUSE DEPARTMENT OF ENGINEERING MUST BE CONTACTED AT (315) 448-8207 BEFORE ANY DEMOLITION OF CONSTRUCTION BEGINS.

C. DEMOLITION PLAN NOTES

1. UNLESS INDICATED "REMOVE AND SALVAGE" OR "REMOVE AND REUSE," ALL ITEMS INDICATED "REMOVE" SHALL BE DEMOLISHED, HAULED OFF-SITE AND DISPOSED OF IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF ALL AGENCIES OF GOVERNMENT HAVING JURISDICTION.
2. EXERCISE ALL REASONABLE CARE IN REMOVING AND HANDLING EXISTING ON-SITE MATERIALS INDICATED FOR SALVAGE TO THE OWNER OR FOR REUSE ON THE SITE.
3. FLAG OR OTHERWISE MARK IN A NON-PERMANENT MANNER ALL TREES SHOWN FOR REMOVAL ADJACENT TO OR IN CLOSE PROXIMITY TO THE LIMITS OF WORK FOR REVIEW BY THE ENGINEER PRIOR TO ANY REMOVAL. THE ENGINEER RESERVES THE RIGHT TO ADJUST THE CLEARING LIMITS.
4. IF A CONFLICT WITH EXISTING UTILITIES IS DISCOVERED, THE CONTRACTOR SHALL IMMEDIATELY MAKE THE ENGINEER AWARE OF THE CONFLICT. IF ANY RELOCATIONS OF UTILITIES ARE REQUIRED, THE CONTRACTOR SHALL PERFORM WORK AND PROVIDE ALL MATERIALS NECESSARY TO DISCONNECT OR RELOCATE EXISTING UTILITIES IN ACCORDANCE WITH THE CITY OF SYRACUSE AND ONONDAGA COUNTY REQUIREMENTS. COORDINATE WITH THE RESPECTIVE UTILITY COMPANIES FOR SHUTOFF AND RECONNECTION OF ACTIVE SERVICES. THE CONTRACTOR SHALL RECORD EXISTING UTILITY TERMINATION POINTS BEFORE DISCONNECTION.
5. WHERE EXISTING PAVEMENT IS TO BE REMOVED, SAW CUT THE PAVEMENT EDGE TO PROVIDE A TRUE, NEAT AND CLEAN EDGE AGAINST WHICH TO ABUT WORK OF THIS CONTRACT.
6. ALL ABANDONED PIPES TO REMAIN ARE TO BE FILLED WITH CONTROLLED LOW

STRENGTH CONCRETE, EXCEPT THOSE CONNECTED TO A COMBINED SEWER. THOSE LATERALS WILL BE DISCONNECTED, CAPPED, AND ABANDONED IN PLACE PER THE CITY OF SYRACUSE AND ONONDAGA COUNTY PLUMBING CONTROL REQUIREMENTS.

7. THE CONTRACTOR IS PERMITTED TO SALVAGE ALL MATERIALS AND EQUIPMENT FROM THE DEMOLITION WORK EXCEPT FOR MATERIALS AND EQUIPMENT SHOWN OR SPECIFIED TO BE REMOVED AND DELIVERED TO AN ON-SITE LOCATION TO BE NAMED BY THE ENGINEER.
8. ALL SALVAGED MATERIALS AND EQUIPMENT SHALL BE TAKEN OFF-SITE IMMEDIATELY UPON REMOVAL. NO ON-SITE STORAGE IS ALLOWED EXCEPT FOR TOPSOIL. NO RE-USE OF SALVAGED MATERIALS IS ALLOWED IN THIS CONTRACT. NO SALE OF SALVAGED ITEMS IS ALLOWED ON THE PROJECT SITE.
9. MAINTAIN ACCESS ALONG W. NEWELL ST, TO PRIVATE PROPERTY, AND TO THE PARK IN CONFORMANCE WITH THE APPROVED MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. COORDINATE WITH PROPERTY OWNERS AND THE CITY OF SYRACUSE DEPARTMENT OF PARKS PRIOR TO CREATING DISTURBANCE THAT AFFECTS ACCESS. PROVIDE A TEMPORARY MEANS OF ACCESS UNTIL FINAL RESTORATION IS COMPLETE.

D. EROSION & SEDIMENT CONTROL PLAN NOTES

1. EROSION CONTROLS MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE CONTROLS.
2. PROVIDE EROSION AND SEDIMENT CONTROL MEASURES WHERE AND WHEN APPROPRIATE AS PER THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL, LATEST EDITION. PROTECT EXISTING SITE FEATURES UNLESS OTHERWISE NOTED. CONSULT ENGINEER PRIOR TO STORMWATER MANAGEMENT PRACTICE INSTALLATION.
3. CONTRACTOR SHALL TAKE ALL OTHER MEASURES TO POSITIVELY PRECLUDE ERODED MATERIALS FROM LEAVING THE SITE.
4. VEGETATION SHALL BE PROTECTED OUTSIDE OF THE LIMITS OF DISTURBANCE. INSTALL TREE PROTECTION AS SHOWN ON SHEETS C201 & C202.
5. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION CONTROLS MUST BE REMOVED AND AREAS DISTURBED DURING REMOVAL OF THE THE CONTROLS MUST BE STABILIZED IMMEDIATELY.
6. UNTIL THE SITE IS STABILIZED, ALL EROSION CONTROLS MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION CONTROLS AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, RE-GRADING, RE-SEEDING, RE-MULCHING, AND RE-NETTING MUST BE PREFORMED IMMEDIATELY. IF EROSION CONTROLS FAIL TO PERFORM AS EXPECTED, REPLACEMENT CONTROLS, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
7. ALL EROSION AND SEDIMENT CONTROL DEVICES AND THE CONSTRUCTION FENCE SHALL BE CONSTRUCTED AND OPERATED IN ACCORDANCE WITH THEIR DESIGN, AND MAINTAINED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION THROUGHOUT THE CONSTRUCTION PROCESS.
8. CONTRACTOR SHALL PROTECT POROUS ASPHALT SURFACE AND SUBGRADE FROM SEDIMENT DEPOSITION, SEDIMENT LADEN RUNOFF, AND COMPACTION BY WHATEVER MEANS NECESSARY. SHOULD THE POROUS ASPHALT SURFACE BE SUBJECTED TO SEDIMENTATION, THE CONTRACTOR SHALL CLEAN AND RESTORE THE AFFECTED AREA. IF RESTORATION EFFORTS FAIL, THE CONTRACTOR SHALL REPLACE THE CLOGGED AREA AT NO ADDITIONAL COST TO THE OWNER. DO NOT ALLOW CONSTRUCTION VEHICLES TO TREAD ON THE POROUS ASPHALT AREA.
9. BEFORE CLOSE OF PROJECT, CONTRACTOR SHALL VACUUM ALL MANHOLES, PIPES, CATCH BASINS, AND STRUCTURE SUMPS.
10. MAINTAIN AN ADEQUATE SUPPLY OF EROSION AND SEDIMENT CONTROL MATERIALS AT THE CONSTRUCTION SITE AT ALL TIMES TO BE USED FOR URGENT SITUATIONS SUCH AS UNEXPECTED HEAVY RAINFALL.
11. EROSION CONTROL MEASURES INCLUDING BUT NOT LIMITED TO A STABILIZED CONSTRUCTION ENTRANCE, STABILIZED CONSTRUCTION STAGING AREA AND SILT FENCE SHALL BE THE FIRST ITEMS INSTALLED WHEN GRADING BEGINS, AND MUST BE COMPLETELY FUNCTIONAL BEFORE DOWNSLOPE LAND DISTURBANCE BEGINS.
12. MAINTENANCE AND REPAIR OF ALL EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM AND FUEL TANK DRAIN DOWN, DEGREASING OPERATIONS AND OTHER ACTIVITIES THAT MAY RESULT IN THE ACCIDENTAL RELEASE OF CONTAMINANTS MUST BE CONDUCTED OFF-SITE. ACCIDENTAL SPILLS MUST BE CLEANED UP IMMEDIATELY AND CONTAMINANTS DISPOSED OF PROPERLY.
13. DISTURBED AREAS SHALL BE AS SMALL AS PRACTICAL, AND SHALL BE RESTORED, IMPROVED OR TEMPORARILY STABILIZED WITHIN 48 HOURS OF COMPLETION OF WORK.
14. THE CONTRACTOR SHALL TAKE THE NECESSARY MEASURES, INCLUDING WATER SPRINKLING TO PROVIDE DUST CONTROL DURING CONSTRUCTION.
15. CONCRETE WASHOUTS SHALL BE USED TO CONTAIN CONCRETE WASHOUT AND WASTE MATERIAL. CONCRETE WASHOUTS SHALL BE MAINTAINED AS NECESSARY TO NOT ALLOW WASTE MATERIAL TO ESCAPE THE WASHOUT. LOCATIONS SHALL BE APPROVED BY ENGINEER, PER THE NEW YORK STATE STANDARDS FOR EROSION AND SEDIMENT CONTROL, LATEST EDITION.
16. ADJUST LOCATION OF TOPSOIL STOCKPILE AS NEEDED AND AS APPROVED BY THE OWNERS REPRESENTATIVE TO OPTIMIZE CONSTRUCTION STAGING AND TO AVOID INCREASING DISTURBANCE AREA.

E. GRADING AND DRAINAGE PLAN NOTES

1. EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW FINISH GRADE, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED.
2. ELEVATIONS GIVEN ARE TO FINISH GRADE UNLESS OTHERWISE SHOWN.
3. AGGREGATE FOR INFILTRATION AREA SHALL CLEANED-WASHED PRIOR TO PLACEMENT.
4. MAINTAIN LOOSE AND UNDISTURBED POROUS PAVEMENT AND BIORETENTION SUBGRADE. SCARIFY TOP 6 INCHES OF SUBGRADE. DO NOT ALLOW CONSTRUCTION EQUIPMENT TO TREAD ON BOTTOM SURFACE OR WITHIN A VERTICAL FOOT OF THE BOTTOM..
5. WHEN ENCOUNTERED WITHIN THE REQUIRED STORMWATER FACILITY EXCAVATION, CONTRACTOR SHALL WRAP EXISTING UTILITIES WITH 40 MIL GEOMEMBRANE SHEETING AND SECURE WITH PVC TAPE AT 2'-0" O.C (MAX) OVERLAP SHEETING BY 2'-0" (MIN). EXTEND SHEETING A MINIMUM OF ¼ OF THE PIPE CIRCUMFERENCE AND ENSURE OVERLAP RUNS ALONG THE CROWN OF THE PIPE. SLEEVES AND CASTINGS SHALL BE DRY AND MOISTURE FREE BEFORE SEALING.
6. ALL GRATES AND COVERS FOR STORM SEWER STRUCTURES SHALL BE LOCKABLE EXCEPT CITY OF SYRACUSE TYPE A CATCH BASINS.
7. PROVIDE PERMANENT FILTER INSERTS FOR ALL NEW STORM DRAINAGE INLETS AND CATCH BASINS, AND FOR EXISTING STORM DRAINAGE INLETS AFFECTED BY GI IMPROVEMENTS WORK AS SPECIFIED.
8. MEET THE LINE AND GRADE OF EXISTING CONDITIONS AT THE LIMITS OF WORK. TRANSITIONS TO EXISTING CONDITIONS SHALL BE SMOOTH AND UNIFORM WITHOUT ABRUPT CHANGES IN GRADE.
9. CLEAN AND RESTORE EXISTING DRAINAGE DITCHES AND/OR PIPES TO REMAIN THAT ARE AFFECTED BY CONSTRUCTION TO FUNCTIONING CONDITION.
10. TOP DRESS WITH MINIMUM 6" OF TOP SOIL, SEED AND MULCH ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION AS SOON AS THE FINISHED GRADING OPERATION IS COMPLETED. SEE PLANTING PLAN NOTES FOR APPROPRIATE SEED MIX.
11. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING RIM ELEVATIONS IN RELATION TO THE PROPOSED GRADES PRIOR TO INSTALLATION.
12. THE ENGINEER WILL REVIEW THE LAYOUT OF ALL UTILITIES IN THE FIELD BEFORE INSTALLATION. THE CONTRACTOR SHALL SCHEDULE 72 HOURS ADVANCED NOTIFICATION TO THE ENGINEER TO FACILITATE TIMELY REVIEW.
13. ADJUST THE RIM ELEVATIONS OF EXISTING UTILITY STRUCTURES SCHEDULED TO REMAIN TO BE FLUSH WITH THE FINISHED GRADE ELEVATIONS.
14. WHEN PLACING PIPE IN THE EXCAVATION, POSITION THE BELL OF THE PIPE ON THE UPSTREAM END.
15. THE CONTRACTOR SHALL SEE THAT ALL NECESSARY PERMITS, CERTIFICATIONS, AND/OR INSPECTIONS REQUIRED BY CODES AND/OR UTILITY SERVICE PROVIDERS, SHALL BE PERFORMED/OBTAINED PRIOR TO FINAL CONNECTION OF SERVICES.
16. FOR WORK WITHIN THE RIGHT-OF-WAY, THE REQUIREMENTS OF THE HIGHWAY OWNER SHALL BE ADHERED TO FOR ITEMS ABOVE THE PIPE BEDDING, INCLUDING, BUT NOT LIMITED TO, MAINTENANCE AND PROTECTION OF TRAFFIC, BACKFILL MATERIAL, AND SURFACE RESTORATION.
17. ALL EXPOSED BOLTS, RODS, OR METALS TO BE BURIED SHALL BE COATED WITH COAL TAR TO PREVENT CORROSION.
18. THE CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SEWER AND WATER SERVICES AT ALL TIMES, EXCEPT DURING APPROVED AND SCHEDULED INTERRUPTIONS.
19. ROOTS SHALL BE REMOVED FROM EXISTING PIPES IN THE DESIGNATED SECTIONS WHERE ROOT INTRUSION IS A PROBLEM. ROOTS SHALL BE REMOVED WITH HIGH-VELOCITY JET CLEANERS COMBINED WITH A ROOT CUTTING BLADE OF APPROPRIATE SIZE. AFTER ROOTS HAVE BEEN CUT, POST CLEANING AND TELEVISION OF THE DESIGNATED SECTIONS IS REQUIRED. ACCEPTANCE OF ROOT REMOVAL SHALL BE MADE UPON COMPLETION OF THE TELEVISION INSPECTION AND SHALL BE TO THE SATISFACTION OF THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE TELEVISION INSPECTION AT NO ADDITIONAL COST TO THE OWNER.
20. ALL STRUCTURES SHALL MEET AASHTO H20 LOADING REQUIREMENTS, UNLESS OTHERWISE NOTED.
21. ANY NEW LATERALS SHALL BE INSTALLED WITH A MINIMUM 1/4" PER FOOT SLOPE.
22. THE CONTRACTOR IS RESPONSIBLE FOR HANDLING, CUTTING AND DISPOSAL OF ALL ASBESTOS CEMENT (AC) PIPE TO BE REMOVED OR CUT IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.
23. ALL PROPOSED MANHOLE RIMS ARE TO BE ADJUSTED TO MEET FINISHED GRADE, AS REQUIRED.
24. ALL EXISTING DRAINAGE FACILITIES SHALL BE MAINTAINED FREE OF DEBRIS AND FOREIGN MATTER AND BE IN OPERATION THROUGHOUT CONSTRUCTION.
25. PROVIDE FILTER INSERTS FOR ALL GRATED STRUCTURES RECEIVING STORM DRAINAGE. CATCH BASIN FILTER INSERT (P.1. 1.19A) PVC DOMED RISER STRUCTURE (P.1. 1.19D).
26. BACKFLOW PREVENTER FOR 8" HDPE INFILTRATION SYSTEM OUTLET PIPE: TIDFLEX CHECKMATE INLINE CHECK VALVE MATCHING OUTLET PIPE SIZE AND FLOW DIRECTION.
27. CONTRACTOR TO VERIFY EXISTING WEST NEWELL STREET SEWER LOCATION AND INVERT ELEVATIONS PRIOR TO START OF WORK.
28. PROTECT POROUS ASPHALT SURFACES FROM SEDIMENTATION. ENSURE ALL AREAS DRAINING TO POROUS PAVEMENT ARE STABILIZED PRIOR TO PAVING.

DETAIL KEY	
DETAIL NAME	CATEGORY AND NO.
TYPICAL SECTION ASPHALT PARKING LOT PAVEMENT	PS.03
TYPICAL SECTION PIPE TRENCHING/ROAD RESTORATION	PS.05
TYPICAL SECTION POROUS ASPHALT PARKING LOT PAVEMENT W/ INFILTRATION BED	PS.07
TYPICAL SECTION FLEXIBLE PAVEMENT WITH INFILTRATION BED	PS.10
CONCRETE SIDEWALK OR DRIVEWAY - RESTORATION	PS.11
ADA CURB RAMP	PS.13
GRANITE CURB (NEW)	PS.14
15" & 24" DOMED PVC RISER STRUCTURE	DR.01
24" DIA. PVC RISER STRUCTURE W/ SS WEIR	DR.03
CITY STANDARD CATCH BASIN 'TYPE A' WITH FRAME AND GRATE	DR.04
HDPE PIPE BEDDING NOT INFILTRATION TRENCH	DR.13
HALF PIPE WEIR - SDR 35	DR.09
6" PVC CLEANOUT WITH CONCRETE COLLAR & LOCKABLE COVER	DR.14
ANTI-SEEP COLLAR	DR.16
NEW 1" WATER SERVICE (CURB BOX TO MAIN)	TU.01
PAINTED HANDICAP SYMBOL	TU.03
ADA PARKING SIGN	TU.04
TREE PROTECTION	TU.11
TYPICAL DRIVEWAY ENTRANCES	TU.14
STABILIZED CONSTRUCTION ENTRANCE	TU.15
TYPICAL B&B TREE PLANTING	LP.05
PERENNIAL AND GROUND COVER PLANTING	LP.02
INTERPLANTING SPACING	LP.04

ABBREVIATIONS

BY	REVISION	
BC	BOTTOM OF CURB	
CB	CATCH BASIN	
CONC	CONCRETE	
DI	DROP INLET	
DWG	DRAWING	
ELEV	ELEVATION	
EX	EXISTING	
FT	FOOT, FEET	
FH	FIRE HYDRANT	
G	NATURAL GAS	
HDPE	HIGH-DENSITY POLYETHYLENE	
INV	INVERT	
LF	LINEAR FEET	
MH	MANHOLE	
MIN	MINIMUM	
NYSDOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION	
O.C	ON CENTER	
OHE	OVERHEAD ELECTRIC	
PERF	PERFORATED	
PSI	POUNDS PER SQUARE INCH	
PVC	POLYVINYL CHLORIDE	
R/W	RIGHT OF WAY	
SAN	SANITARY	
ST	STORM	
TC	TOP OF CURB	
TYP	TYPICAL	
W	POTABLE WATER	

PAY ITEMS:

NOTE - VARIOUS STAND ALONE PAY ITEMS APPLY TO THIS PROJECT AND HAVE NOT BEEN SPECIFICALLY IDENTIFIED IN DRAWING SET. THESE PAY ITEMS INCLUDE:

- 1.1 SITE CLEARING AND DISPOSAL
- 1.19A CATCHBASIN FILTER INSERT FOR CITY STD TYPE A BAG STYLE
- 1.5B COMMON GRADING AND BACKFILL
- 1.5C SCARIFY SUBGRADE
- 1.61 SOLID PAINTED PAVEMENT MARKINGS
- 2.1 PERFORMANCE AND PAYMENT BOND PERMIUM(S) AS REQUIRED
- 3.1 CITY OF SYRACUSE PERMITS, AS REQUIRED
- 3.3 RECORD DRAWING SURVEY BY NEW YORK STATE LICENSED SURVEYOR

EXISTING CONDITIONS LEGEND

LEGEND	
	BENCHMARK
	BASELINE POINT
	SANITARY MANHOLE
	SIGN
	GAS LINE
	SANITARY MANHOLE
	WATER VALVE
	UTILITY POLE
	SANITARY SEWER
	WATER LINE
	STREET RIGHT-OF-WAY
	PROPERTY LINE
	FENCE
	FIRE HYDRANT
	OVERHEAD ELECTRIC
	OVERHEAD TELEPHONE
	DRAINAGE INLET
	TREE DECIDUOUS
	TREE CONIFEROUS
	STUMP
	UNKNOWN VALVE/VENT
	UTILITY POLE WITH LIGHT
	UTILITY POLE
	MISCELLANEOUS POST
	TAX MAP PARCEL NUMBER
	NOT TO SCALE



PROJECT TITLE: MCKINLEY PARK GI IMPROVEMENTS

PROJECT LOCATION: W NEWELL STREET, SYRACUSE, NY

CLIENT: ONONDAGA COUNTY WATER ENVIRONMENT PROTECTION

DRAWING TITLE: GENERAL NOTES & LEGENDS

DATE: 04/27/2017

SCALE: 1"=20'-0"

edr Job# 16059

FILE NAME: 16059_WORKING.DWG

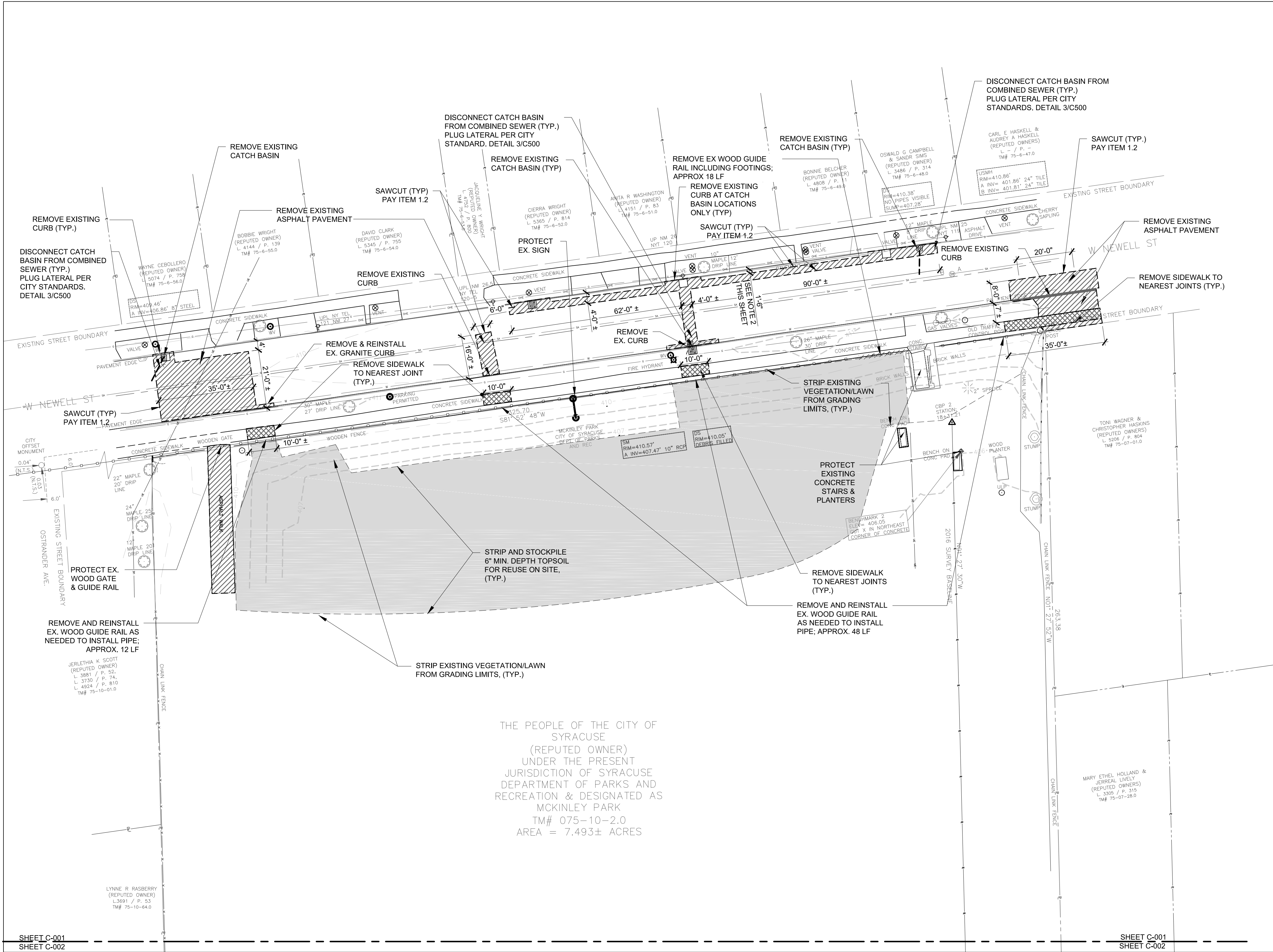
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G-002



NO.	DATE	REVISION
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2	05/02/2017	100% DESIGN SUBMITTAL WITH COMMENTS ADDRESSED
3	07/10/2017	100% DESIGN SUBMITTAL UPDATED PER NEW TERM CONTRACT
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J:\16059_McKinley Park GI Improvements\GIS\working\16059_working.dwg



DEMOLITION LEGEND	
	SYMBOL
REMOVE TOPSOIL	
SAW CUT PAVEMENT	
REMOVE EXISTING ASPHALT PAVEMENT	
REMOVE EXISTING CONCRETE WALK PAVEMENT	
REMOVE EXISTING CURB AND SUBBASE	
REMOVE EXISTING GUIDE RAIL	

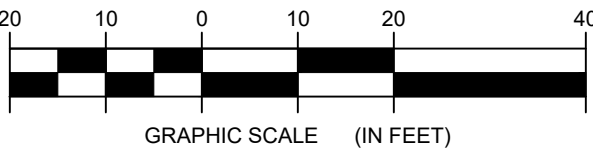
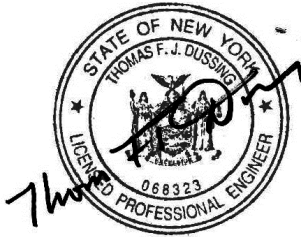
EXISTING CONDITIONS & SITE DEMOLITION PLAN NOTES:

1. MAINTAIN ACCESS ALONG W. NEWELL ST, TO PRIVATE PROPERTY, AND TO THE PARK IN CONFORMANCE WITH THE APPROVED MAINTENANCE AND PROTECTION OF TRAFFIC PLAN. COORDINATE WITH PROPERTY OWNERS AND THE CITY OF SYRACUSE DEPARTMENT OF PARKS PRIOR TO CREATING DISTURBANCE THAT AFFECTS ACCESS. PROVIDE A TEMPORARY MEANS OF ACCESS UNTIL FINAL RESTORATION IS COMPLETE.
2. PIPE TRENCH TO BE LOCATED 18" FROM EXISTING CURB, IN ORDER TO PROTECT CURB.

EXISTING CONDITIONS LEGEND

LEGEND

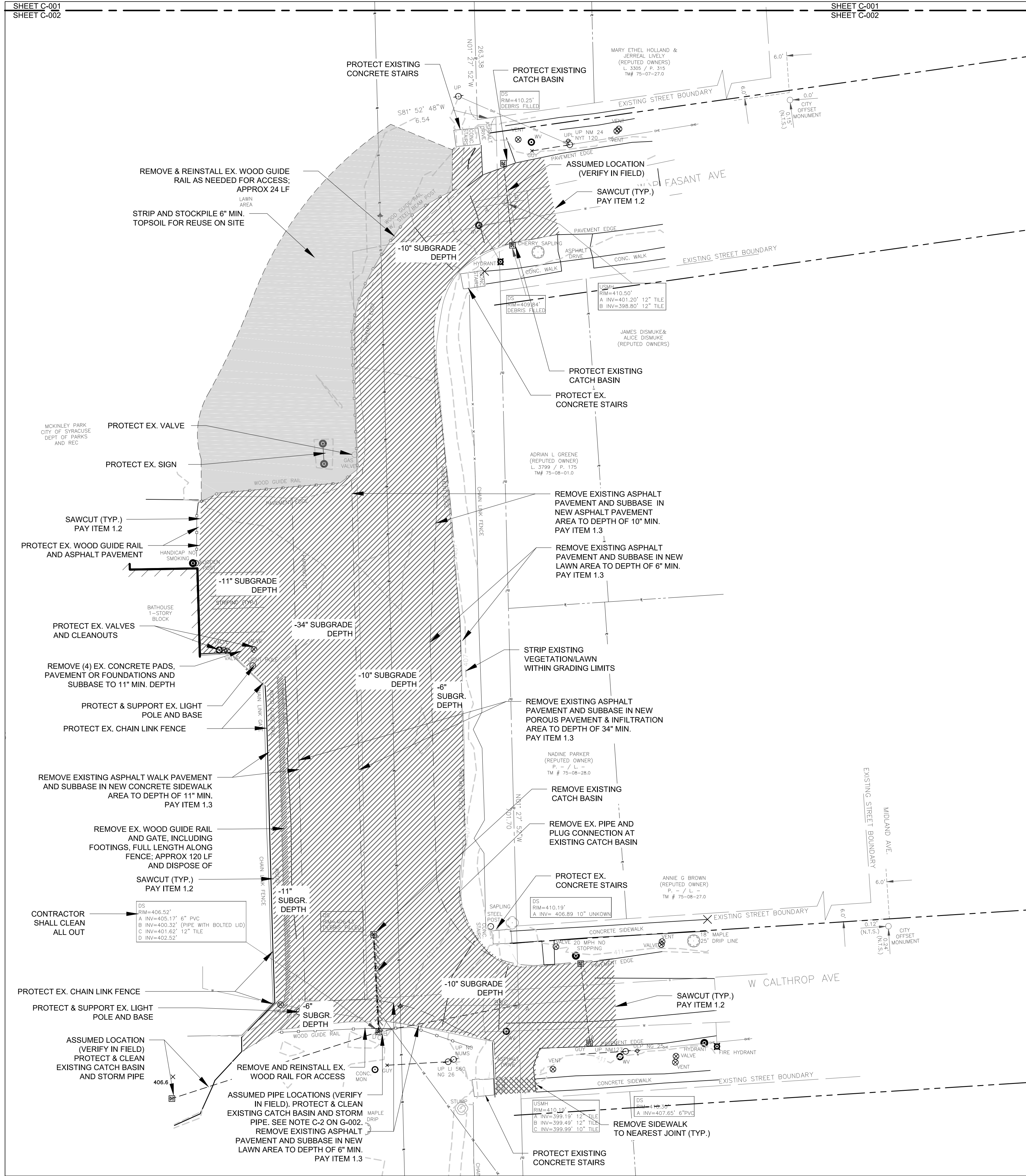
- BENCHMARK
- BASELINE POINT
- SANITARY MANHOLE
- SIGN
- GAS LINE
- SANITARY MANHOLE
- WATER VALVE
- UTILITY POLE
- SANITARY SEWER
- WATER LINE
- STREET RIGHT-OF-WAY
- PROPERTY LINE
- FENCE
- FIRE HYDRANT
- OVERHEAD ELECTRIC
- OVERHEAD TELEPHONE
- DRAINAGE INLET
- OH
- TREE DECIDUOUS
- TREE CONIFEROUS
- STUMP
- UNKNOWN VALVE/VENT
- UTILITY POLE WITH LIGHT
- UTILITY POLE
- MISCELLANEOUS POST
- TM#
- N.T.S.



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PROJECT TITLE	
MCKINLEY PARK GI IMPROVEMENTS	
PROJECT LOCATION	
W NEWELL STREET, SYRACUSE, NY	
CLIENT	
ONONDAGA COUNTY WATER ENVIRONMENT PROTECTION	
DRAWING TITLE	
EXISTING CONDITIONS & SITE DEMOLITION PLAN	

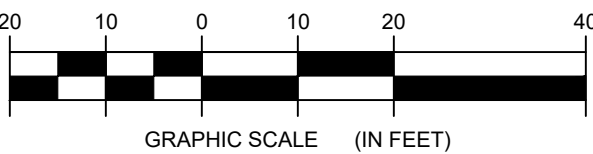
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edr Job#:	16059
DRAWN BY:	JT/AWIDE
FILE NAME:	16059_WORKING.DWG
DRAWING NUMBER:	C-001



DEMOLITION LEGEND	
	SYMBOL
REMOVE TOPSOIL	
SAW CUT PAVEMENT	
REMOVE EXISTING ASPHALT PAVEMENT	
REMOVE EXISTING CONCRETE WALK PAVEMENT	
REMOVE EXISTING CURB AND SUBBASE	
REMOVE EXISTING FENCE OR GUIDERAIL	

EXISTING CONDITIONS LEGEND

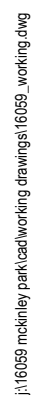
LEGEND	
	BENCHMARK
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	SANITARY MANHOLE
	SIGN
	GAS LINE
	SANITARY MANHOLE
	WATER VALVE
	UTILITY POLE
	SANITARY SEWER
	WATER LINE
	STREET RIGHT-OF-WAY
	PROPERTY LINE
	FENCE
	FIRE HYDRANT
	OVERHEAD ELECTRIC
	OVERHEAD TELEPHONE
	DRAINAGE INLET
	TREE DECIDUOUS
	TREE CONIFEROUS
	STUMP
	UNKNOWN VALVE/VENT
	UTILITY POLE WITH LIGHT
	UTILITY POLE
	MISCELLANEOUS POST
	TAX MAP PARCEL NUMBER
	NOT TO SCALE



DRAWING REVISIONS	
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PROJECT TITLE	
McKINLEY PARK GI IMPROVEMENTS	
PROJECT LOCATION	
W NEWELL STREET, SYRACUSE, NY	
CLIENT	
ONONDAGA COUNTY WATER ENVIRONMENT PROTECTION	
DRAWING TITLE	
EXISTING CONDITIONS & SITE DEMOLITION PLAN	

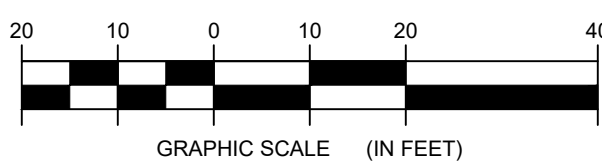
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SCALE:	1"=20'-0"
ed: Job#:	16059
DRAWN BY:	JT/AWIDE
FILE NAME:	16059_WORKING.DWG
DRAWING NUMBER:	C-002



EXISTING CONDITIONS LEGEND

GRADING, SITE UTILITY & LAYOUT PLAN NOTES:

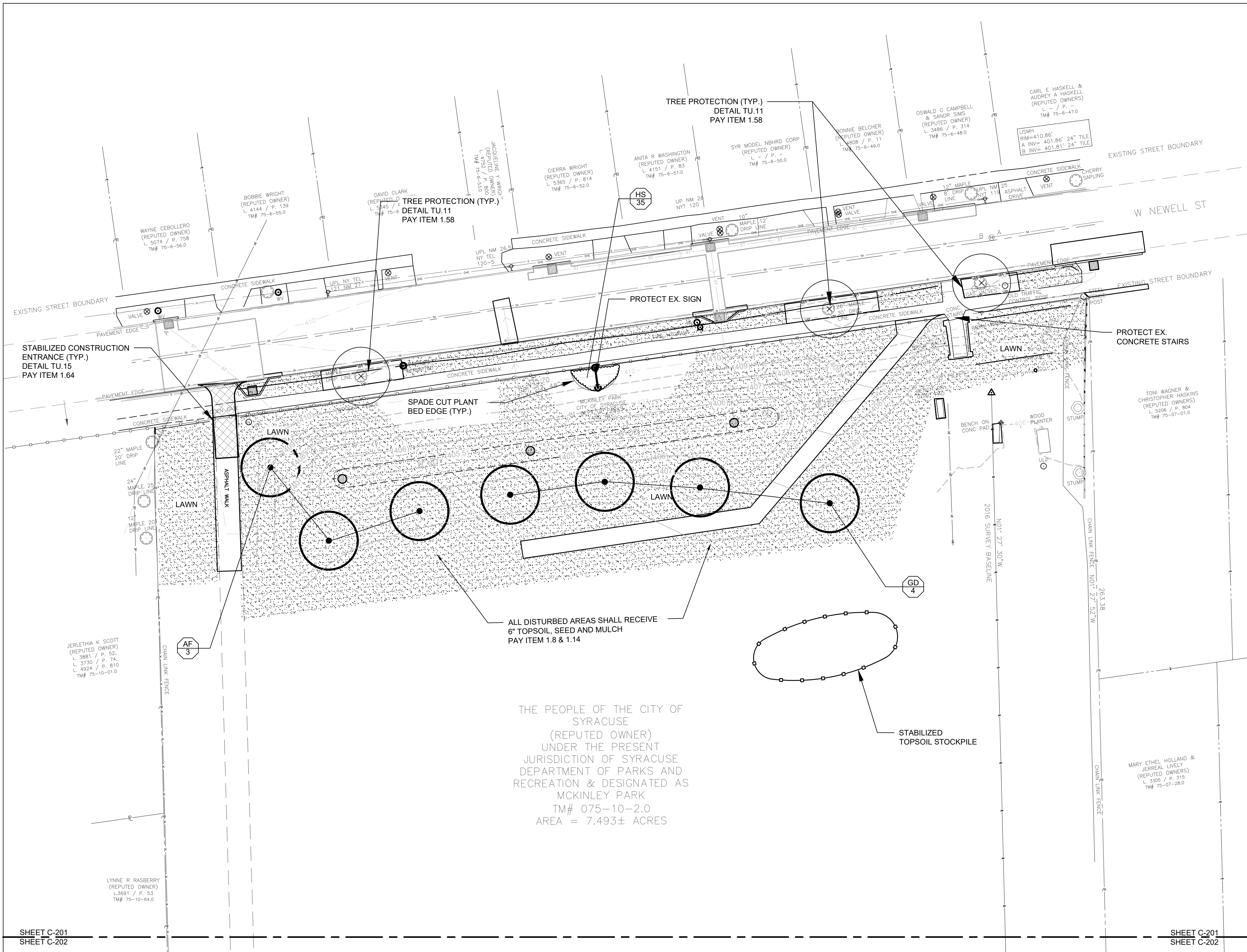
1. PROVIDE FILTER INSERTS FOR ALL GRATED STRUCTURES RECEIVING STORM DRAINAGE. CATCH BASIN FILTER INSERT (P.I. 1.19A) PVC DOMED RISER STRUCTURE (P.I. 1.19D).
2. PROVIDE A CATCH BASIN TRAP FOR THE 8" OUTLET LATERAL AT STRUCTURE CB-9.
3. AFTER CLEANING EXISTING CATCH BASIN, PERFORM A VISUAL INSPECTION OF STRUCTURE AND PIPING AND REPORT TO THE ENGINEER FOR FURTHER ASSESSMENT.



DRAWING REVISIONS			100% Environmental Design & Research Environmental Services, P.C. 100 West 42nd Street, 10th Floor New York, New York 10018-3601 Tel: 212 692 1000, Fax: 212 692 1001 www.100env.com	
NO.	DATE	REVISION	BY	
01	05/20/2017	100% DESIGN SUBMITTAL		100% Environmental Design & Research Environmental Services, P.C. 100 West 42nd Street, 10th Floor New York, New York 10018-3601 Tel: 212 692 1000, Fax: 212 692 1001 www.100env.com
02	06/16/2017	100% DESIGN SUBMITTAL WITH COMMENTS ADDRESSED		100% Environmental Design & Research Environmental Services, P.C. 100 West 42nd Street, 10th Floor New York, New York 10018-3601 Tel: 212 692 1000, Fax: 212 692 1001 www.100env.com
03	07/16/2017	100% DESIGN SUBMITTAL (UPDATED PER NEW TERM CONTRACT)		100% Environmental Design & Research Environmental Services, P.C. 100 West 42nd Street, 10th Floor New York, New York 10018-3601 Tel: 212 692 1000, Fax: 212 692 1001 www.100env.com

PROJECT TITLE:	McKINLEY PARK GI IMPROVEMENTS
PROJECT LOCATION:	W NEWELL STREET, SYRACUSE, NY
CLIENT:	ONONDAGA COUNTY WATER ENVIRONMENT PROTECTION
DRAWING TITLE:	GRADING, SITE UTILITY & LAYOUT PLAN

DATE: 04/27/2016
SCALE: 1"=20'-0"
edrf Job#: 16059
DRAWN BY: JTI/AW/IDE
FILE NAME: 16059_WORKING.DWG
DRAWING NUMBER: C-102



F. PLANTING PLAN NOTES

- UNLESS SHOWN IN THE LANDSCAPING PLANS, ALL DISTURBED AREAS NOT RECEIVING A HARD SURFACE SHALL BE COVERED WITH GRASS.
- THE PLANTING OPERATION SHALL ONLY BE PERFORMED BY AN EXPERIENCED LANDSCAPE CONTRACTOR FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE DIRECTION OF A QUALIFIED SUPERVISOR.
- ALL PLANT MATERIALS SHALL COMPLY WITH AMERICAN STANDARDS FOR NURSERY STOCK ANSI 760.1.
- IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN, EACH PLANT SIZE LISTED ON THE PLANT LIST IS THE MINIMUM SIZE ALLOWABLE FOR THAT GRADE AND SHALL INCLUDE PLANTS FROM THAT SIZE UP TO BUT NOT INCLUDING THE NEXT LARGER GRADE SIZE.
- FURNISH PLANTS IN A GOOD AVERAGE OF THE SIZE RANGE. FOR EACH PLANT OF THE MINIMUM SIZE, FURNISH ONE (1) PLANT OF THE SAME SPECIES AT THE MAXIMUM SIZE.
- THE CONTRACTOR SHALL LAYOUT ALL PLANT BEDS AND PLACE THE INDIVIDUAL PLANTS ON FINISHED GRADE IN THE LOCATIONS INDICATED ON PLAN FOR REVIEW BY THE ENGINEER PRIOR TO INSTALLATION. PROVIDE 72 HOURS ADVANCED NOTIFICATION TO THE ENGINEER.
- UPON NOTIFICATION, THE LANDSCAPE ARCHITECT WILL REVIEW IN THE FIELD THE LAYOUT OF ALL PLANT

- BED EDGES AND INDIVIDUAL PLANT LOCATIONS BEFORE INSTALLATION IS PERMITTED. THE ENGINEER RESERVES THE RIGHT TO INTERCHANGE THE PLANTS AND TO ADJUST THE PLANT LOCATIONS IF IT IS POSSIBLE IN THEIR JUDGMENT TO ACHIEVE A BETTER EFFECT BY THE CHANGES.
- INSTALL PLANT MATERIALS AT THE CORRECT GRADE. CONFIRM THAT THE FINISHED GRADING IS COMPLETED IN THE AREAS WHERE PLANT MATERIALS ARE TO BE INSTALLED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND MAINTAINING THE INSTALLED PLANT MATERIALS UNTIL ONE YEAR AFTER SUBSTANTIAL COMPLETION OF THE CONSTRUCTION.
 - REMOVE EXISTING LAWN OR VEGETATION INCLUDING ROOTS IN NEW PLANTING BED AND LAWN AREAS.
 - SPADE CUT NEW PLANTING BED EDGES AROUND PARK SIGNS. PROVIDE A CONTINUOUS 3'-4" UNIFORM DEPTH SPADE-CUT EDGE.
 - TRANSITION FINISHED GRADE IN NEW LAWN AREAS TO MEET EXISTING GRADE SURFACE FOR AN EVEN, SMOOTH SURFACE.
 - PROVIDE 6" DEPTH TOPSOIL IN ALL LAWN AREAS. IF ON-SITE STOCKPILED TOPSOIL IS INSUFFICIENT TO MEET QUANTITY NEEDED, PROVIDE IMPORTED TOPSOIL PER PAYMENT ITEM # 1.14.
 - INSTALL 2" DEPTH OF MULCH IN PLANTING BEDS. MULCH PER PAYMENT ITEM 4.115. PROVIDE 6' DIAMETER TREE PLANTING BEDS AROUND INDIVIDUAL TREE PLANTINGS.

- PERENNIAL PLANTINGS SHALL BE PER PERENNIAL AND GROUND COVER PLANTING, DETAIL LP.02 AND INTERPLANTING SPACING, DETAIL LP.04.
- TREE PLANTINGS PER TYPICAL B&B TREE PLANTING, DETAIL LP.05, AND TREE PLANTING (DEPTH), DETAIL LP.07-1.
- INSTALL BIODEGRADABLE EROSION CONTROL MATTING (JUTE MESH) ON ALL SLOPES 1:4 AND GREATER, PER PAY ITEM 4.116.
- LAWN SEED MIX: LOW GROW MIXTURE/LOW MAINTENANCE GRASS SEED AS MANUFACTURED BY PREFERRED SEED, BUFFALO, NY (716) 895-7333; WWW.PREFERREDSEED.COM, OR APPROVED EQUAL. APPLICATION RATE: 6LBS/1000SF

EROSION CONTROL LEGEND	
ITEM	SYMBOL
VEGETATION PROTECTION	
STABILIZED CONSTRUCTION ENTRANCE	
STABILIZED STOCKPILE	

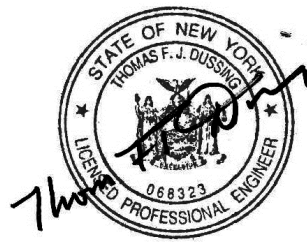
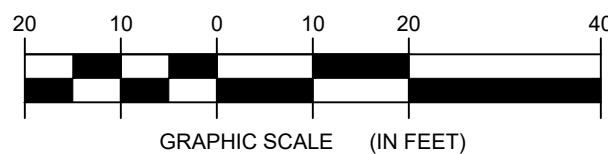
PLANTING LEGEND	
ITEM	SYMBOL
TREE PLANTINGS	
PERENNIAL PLANTINGS	
PLANTING BED EDGE	
SEEDED LAWN	
PLANTING DESIGNATION	KEY QTY ID #

SEE SHEET C-202 FOR PLANT LIST

EXISTING CONDITIONS LEGEND

LEGEND

- BENCHMARK
- BASELINE POINT
- SANITARY MANHOLE
- SIGN
- GAS LINE
- SANITARY MANHOLE
- WATER VALVE
- UTILITY POLE
- SANITARY SEWER
- WATER LINE
- STREET RIGHT-OF-WAY
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- STUMP
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- UTILITY POLE WITH LIGHT
- UTILITY POLE
- MISCELLANEOUS POST
- TAX MAP PARCEL NUMBER
- NOT TO SCALE



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MCKINLEY PARK GI IMPROVEMENTS

PROJECT LOCATION: W NEWELL STREET, SYRACUSE, NY

CLIENT: ONONDAGA COUNTY WATER ENVIRONMENT PROTECTION

DRAWING TITLE: EROSION & SEDIMENT CONTROL & PLANTING PLAN

DATE: 04/27/2017

SCALE: 1"=20'-0"

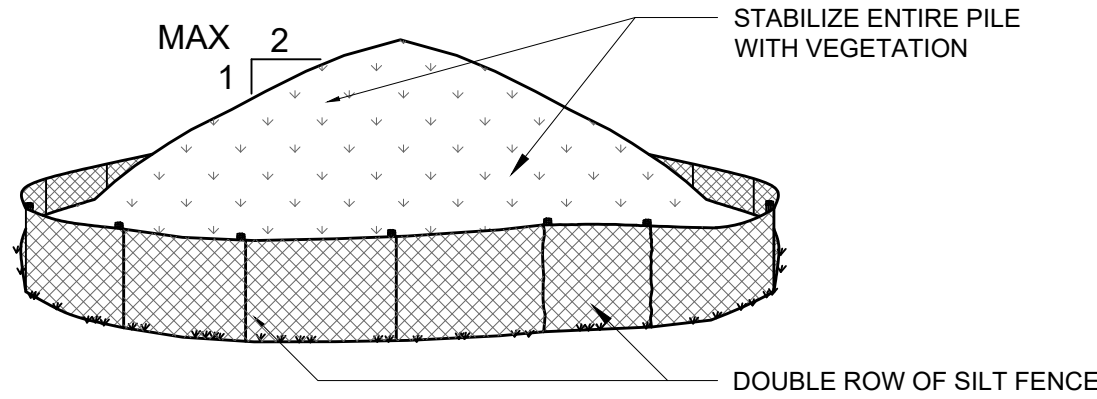
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FILE NAME:
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DRAWING NUMBER:

C-201



INSTALLATION NOTES:

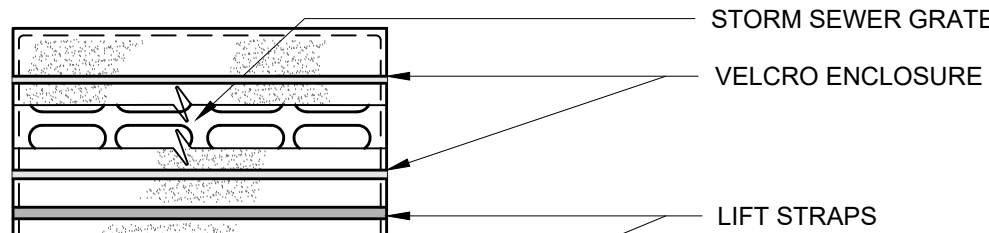
1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1. MAXIMUM HEIGHT SHALL BE 8 FEET.
3. EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, INSTALLED PER CORRESPONDING DETAIL, THEN STABILIZED WITH ANNUAL GRASS WITHIN 3 DAYS.
4. A PERIMETER DIKE/SWALE SHALL BE LOCATED UP-SLOPE OF THE TOPSOIL STOCKPILE TO DIVERT STORMWATER AROUND THE STOCKPILE.

1 STABILIZED SOIL STOCKPILE

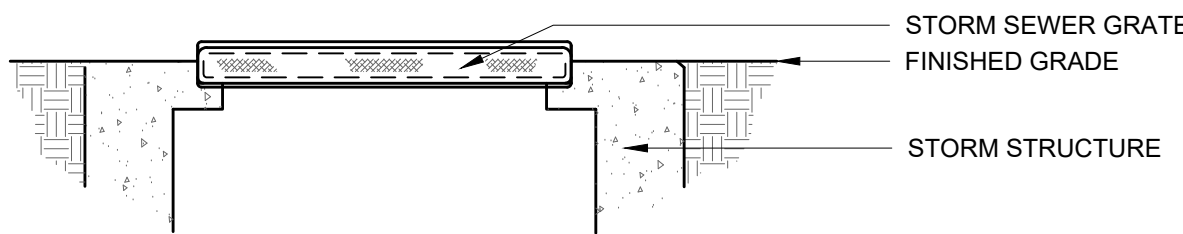
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Scale: NTS

TEMPORARY



PLAN



SECTION

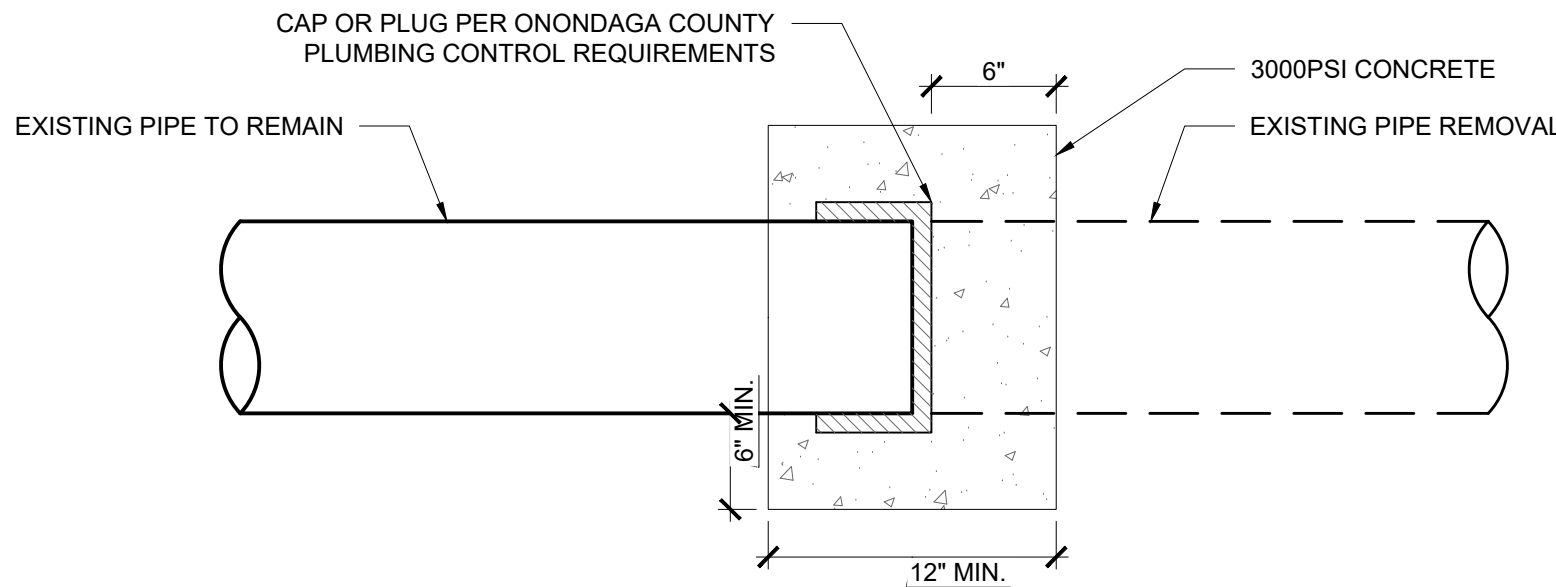
NOTES:

1. PROVIDE TEMPORARY INLET PROTECTION IN ADDITION TO PERMANENT FILTER INSERTS, DURING ACTIVE CONSTRUCTION OPERATIONS.
2. TO INSTALL, PLACE FILTRATION FABRIC OVER GRATE AS THE GRATE STANDS ON END. SECURE THE VELCRO CLOSURES AND RETURN THE GRATE TO THE STRUCTURE USING THE LIFT STRAPS.
3. REMOVE ACCUMULATED SEDIMENT AND DEBRIS FROM THE FILTRATION FABRIC AND THE SURROUNDING AREA AFTER EACH STORM EVENT. TAKE CARE TO PREVENT SEDIMENT FROM ENTERING THE STRUCTURE.
4. REMOVE SEDIMENT AND DEBRIS AS NOTED IN NOTE 2 PRIOR TO THE REMOVAL OF THE FILTRATION FABRIC AND GRATE FROM THE STORM STRUCTURE.
5. FILTRATION BAG SHALL BE DANDY BAG BY DANDY PRODUCTS, OR EQUAL.
6. DROP-IN INSERTS/BAG STYLE INLET PROTECTION SHALL NOT BE USED.

2 TEMPORARY INLET PROTECTION IN PAVEMENT

C-500

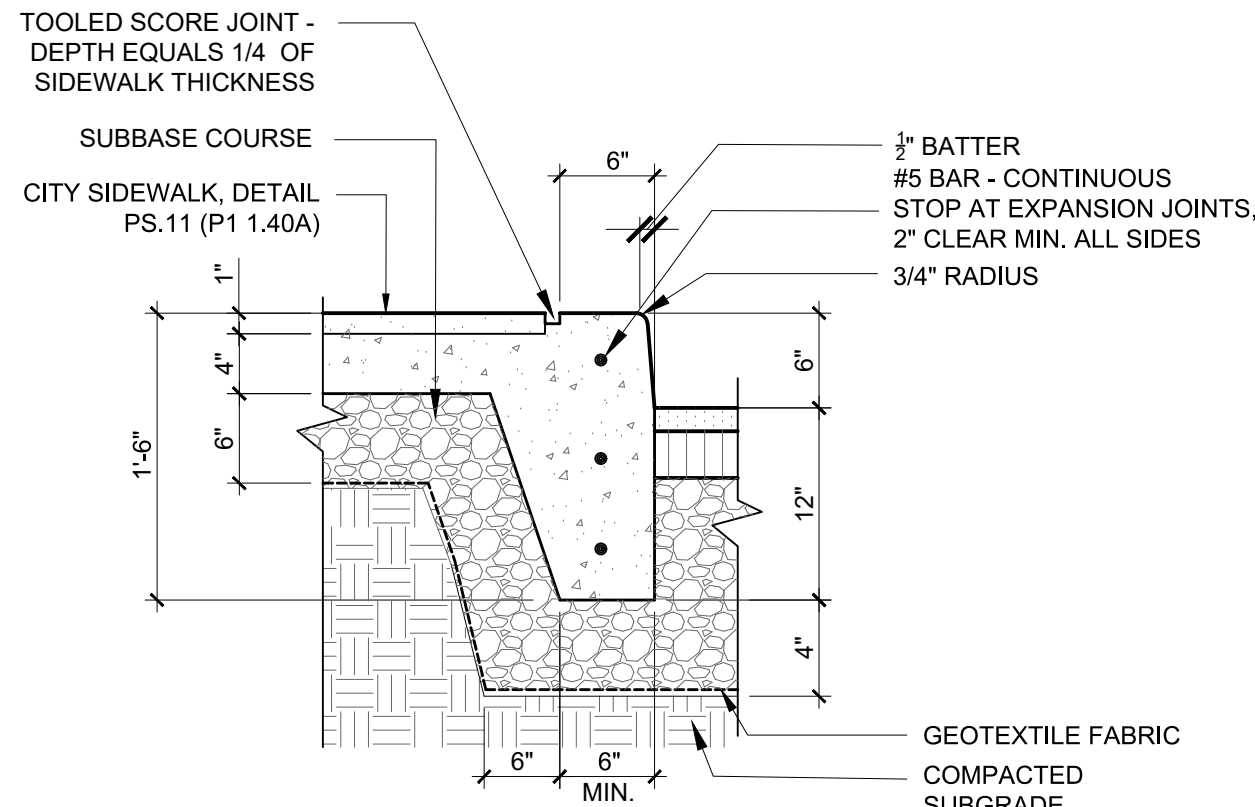
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3 UTILITY DISCONNECT

C-500

Scale: N.T.S.



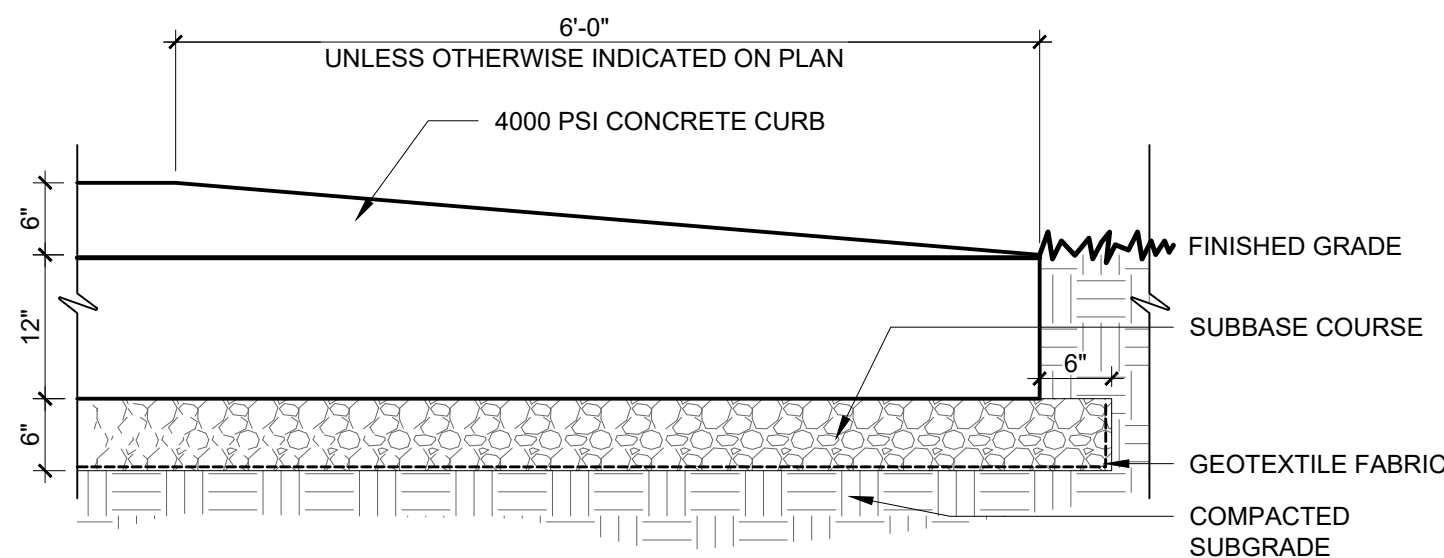
NOTE:

PROVIDE 1/2" EXPANSION JOINT AT MAXIMUM 20' O.C. AND WHERE CONCRETE CURB ABUTS EXISTING CONCRETE CURB AND PAVEMENT.

4 INTEGRAL CONCRETE CURB & SIDEWALK

C-500

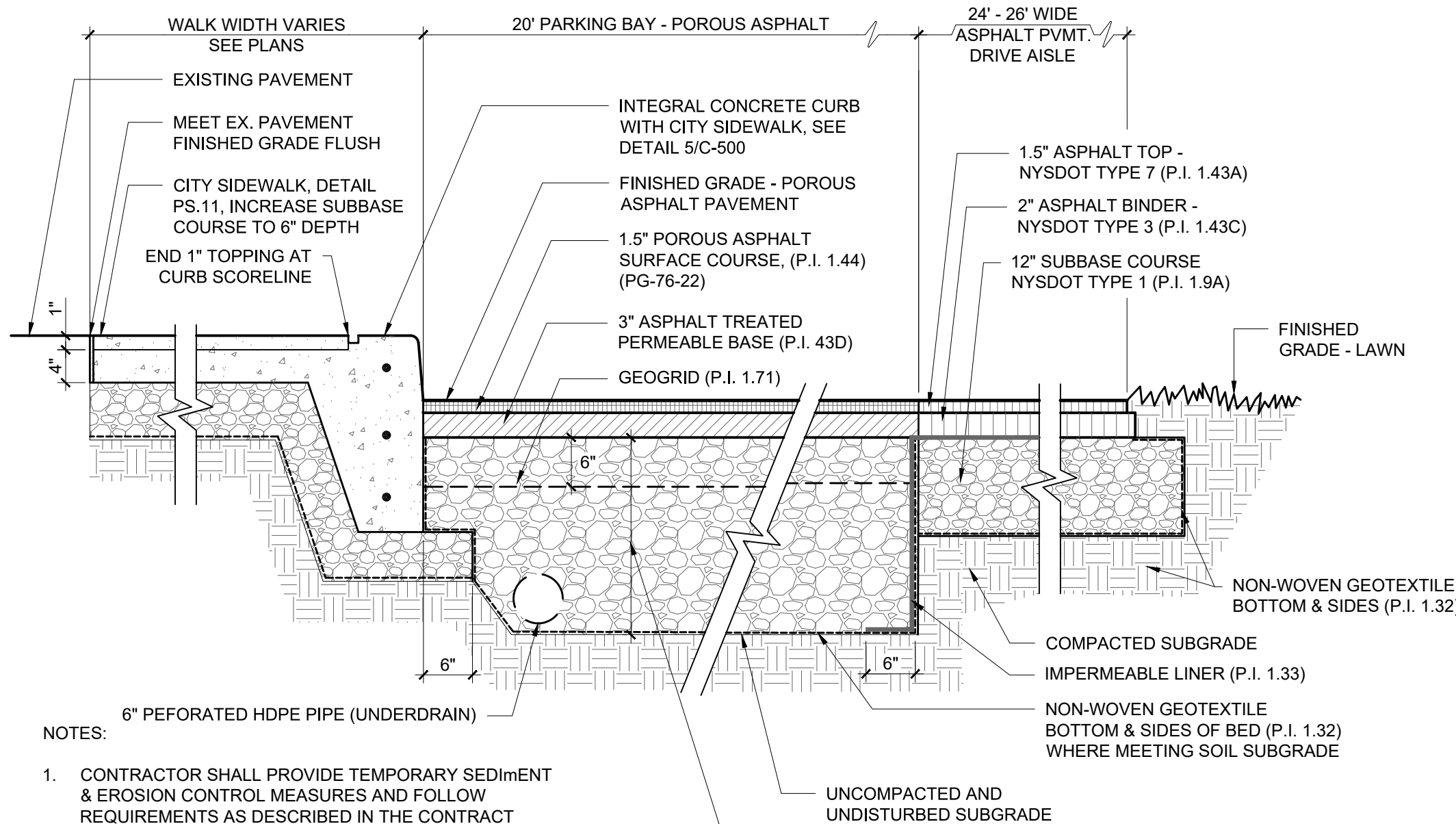
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5 CONCRETE CURB ENDING

C-500

Scale: 3/4" = 1'-0"



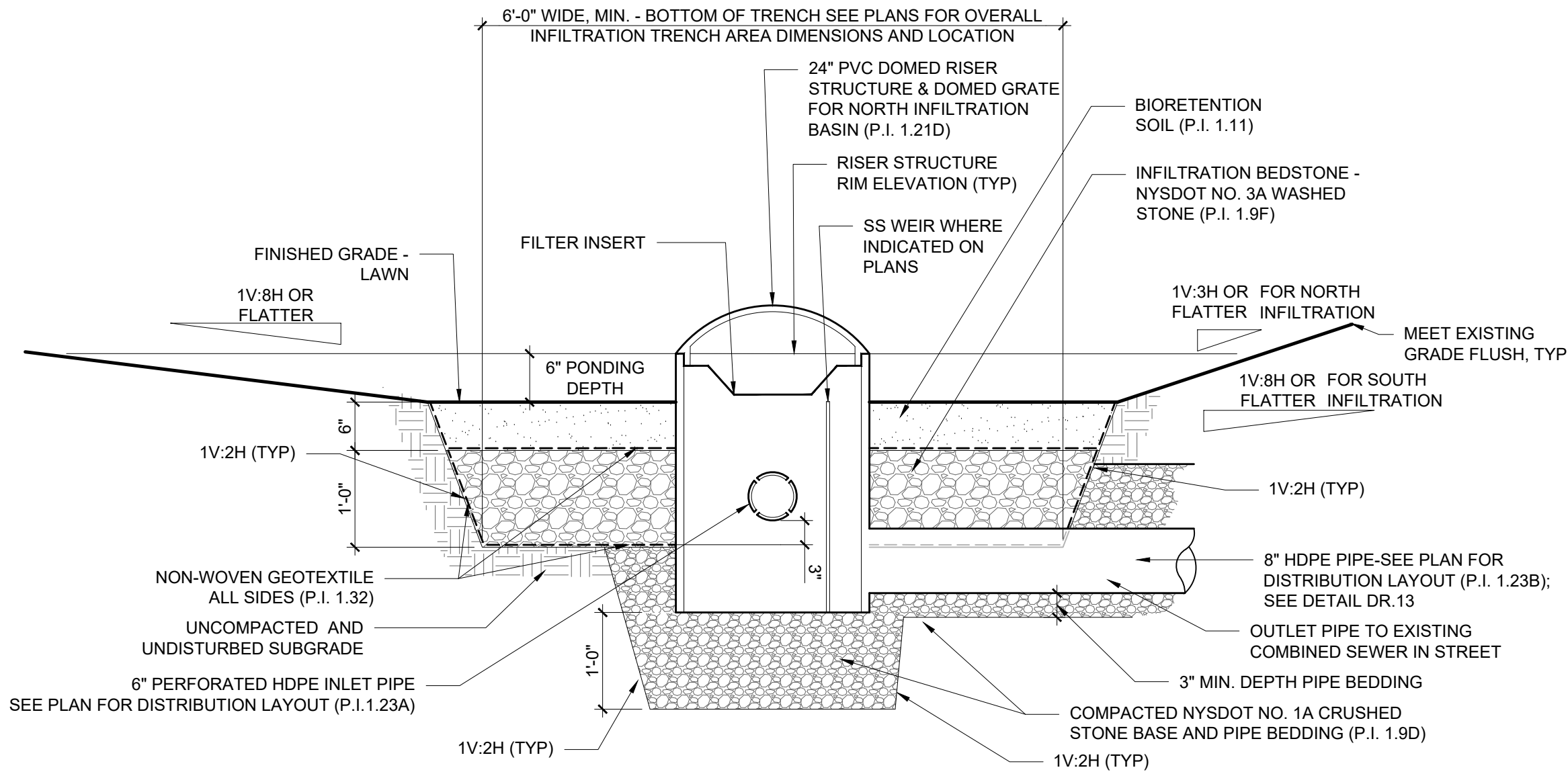
NOTES:

1. CONTRACTOR SHALL PROVIDE TEMPORARY SEDIMENT & EROSION CONTROL MEASURES AND FOLLOW REQUIREMENTS AS DESCRIBED IN THE CONTRACT DOCUMENTS TO ENSURE THAT THE INFILTRATION BED AND POROUS PAVEMENT ARE PROTECTED FROM SEDIMENT OR DEGRADATION UNTIL THE SITE IS PERMANENTLY STABILIZED.
2. PLACEMENT OF CLEAN AGGREGATE FOR INFILTRATION BED TO BE APPROVED BY ENGINEER.
3. UNDERDRAIN PIPE SHALL BE PLACED IN INFILTRATION BED STONE AT ALL LOCATIONS ALONG POROUS ASPHALT PARKING LOT PAVEMENT.

6 POROUS ASPHALT PARKING LOT PAVEMENT WITH INFILTRATION BED

C-500

Scale: 3/4"=1'-0"



7 BIORETENTION AREA

C-500

Scale: 3/4"=1'-0"



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& Environmental Services, D.P.C.
The following is submitted for the New York Education
Law Article 136, Section 208 and Chapter 18, Section 110.
I, the undersigned, hereby certify that the design of this
plan for any person other than the design professional
responsible for the design of this plan is not a part of
the design of this plan and that the design professional
responsible for the design of this plan is not responsible
for the design of this plan and that the design professional
responsible for the design of this plan is not responsible
for the design of this plan.

DRAWING REVISIONS		BY	REVISION
NO.	DATE		
1	04/27/2017		100% DESIGN SUBMITTAL
2	05/02/2017		100% DESIGN SUBMITTAL WITH COMMENTS ADDRESSED
3	07/10/2017		100% DESIGN SUBMITTAL UPDATED PER NEW TERM CONTRACT
4			
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PROJECT TITLE: **McKINLEY PARK GI IMPROVEMENTS**

PROJECT LOCATION: **W NEWELL STREET, SYRACUSE, NY**

CLIENT: **ONONDAGA COUNTY WATER ENVIRONMENT PROTECTION**

DRAWING TITLE: **DETAILS**

DATE: **04/27/2017**

SCALE: **1"=20'-0"**

edr Job#: **16059**

DRAWN BY: **JT/AWIDE**

FILE NAME:
16059_WORKING.DWG

DRAWING NUMBER:

C-500

