

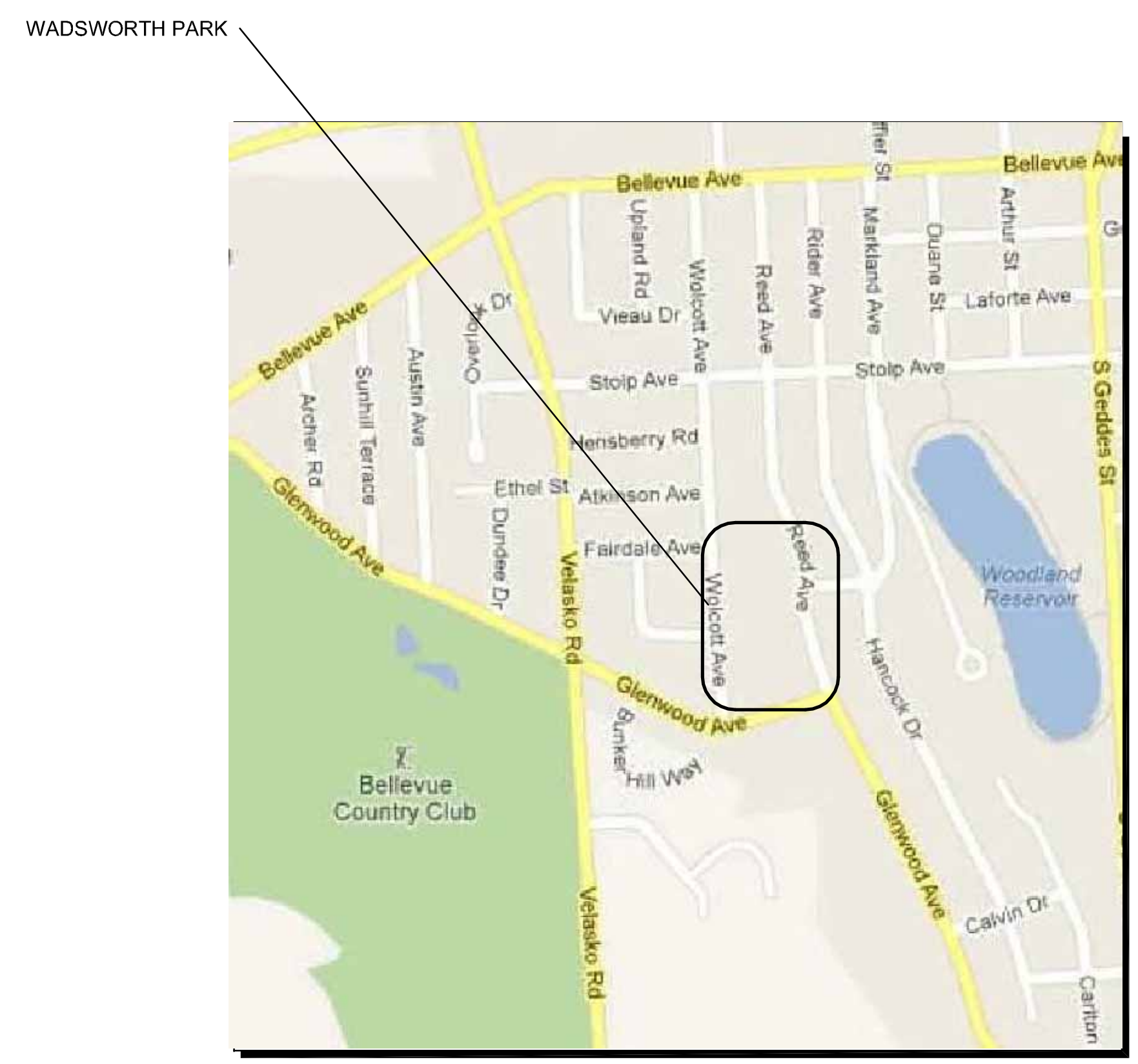
# ONONDAGA COUNTY GREEN INFRASTRUCTURE PROGRAM BID REF #: 7608 WADSWORTH PARK FOR COUNTY OF ONONDAGA DEPARTMENT OF WATER ENVIRONMENT PROTECTION (OCDWEP) OCDWEP COMMISSIONER: TOM RHOADS



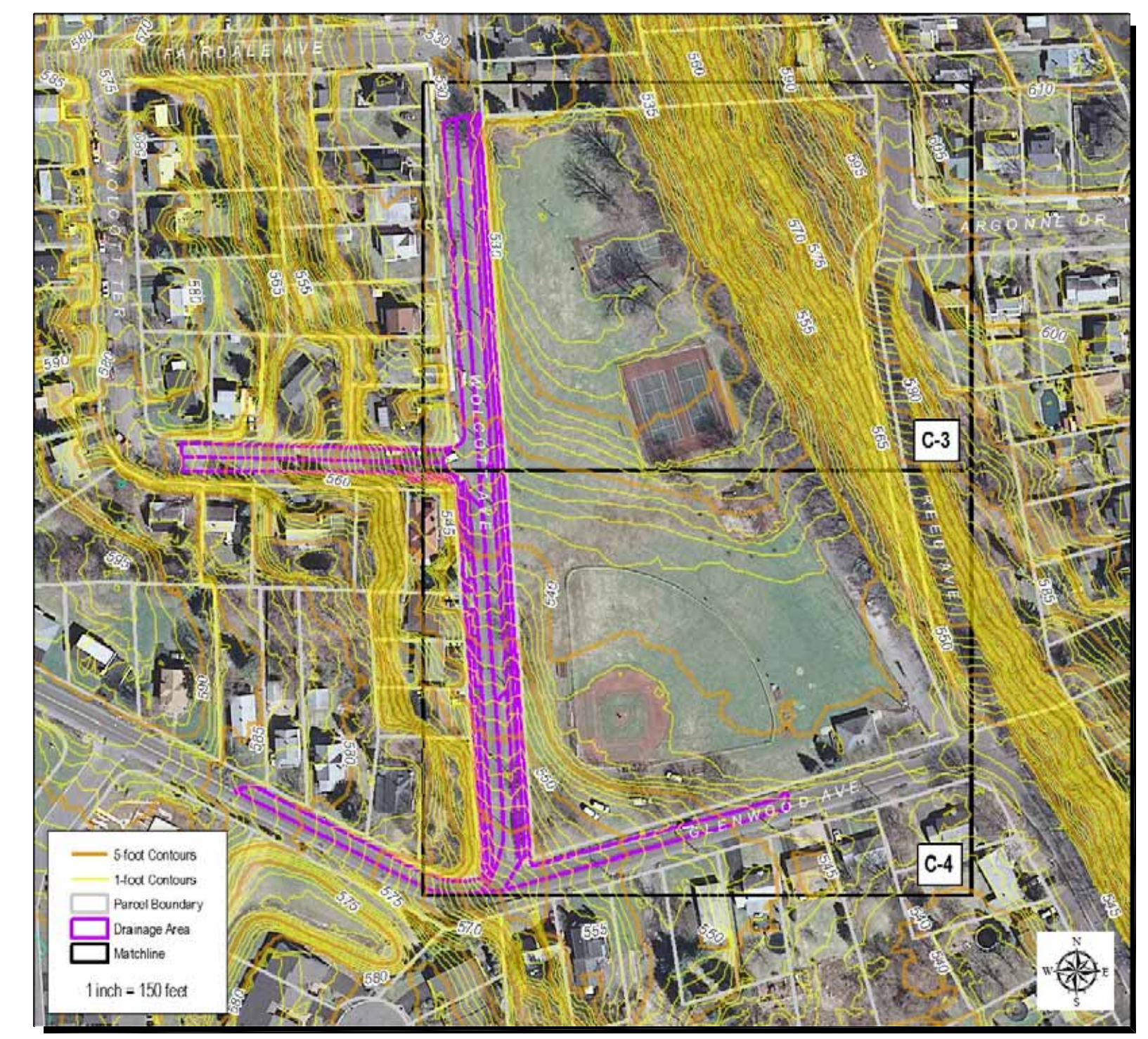
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NO.	DATE	DR	CHK	REVISION	BY

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**LOCATION MAP**  
NOT TO SCALE



**DRAINAGE MAP**  
NOT TO SCALE

APPROVED:   
 OCDWEP COMMISSIONER :  
 TOM RHOADS

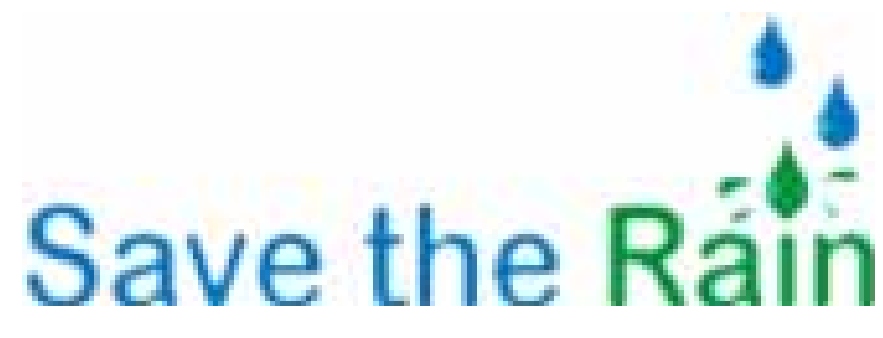
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COUNTY BID REFERENCE #  
 7608

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JOANNE M. MAHONEY  
 ONONDAGA COUNTY EXECUTIVE



430 GENESEE STREET  
 SUITE 400  
 SYRACUSE NY, 13202

H-36  
 WADSWORTH PARK  
 SYRACUSE, NY  
 ONONDAGA COUNTY

**CH2MHILL®**

GENERAL  
 COVER SHEET

VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING.	
DATE	JULY 2012
PROJ	381098
DWG	G-1
SHEET	1 of 13

## ABBREVIATIONS

CB or D	CATCH BASIN
CIP	CAST IRON PIPE
COMM	COMMUNICATION
DIA	DIAMETER
DP	DEEP PLUGS
DWG	DRAWING
EL	ELEVATION
EXST	EXISTING
FT	FOOT, FEET
FH	FIRE HYDRANT
G	NATURAL GAS
GAL	GALLON
HDPE	HIGH-DENSITY POLYETHYLENE
HORIZ	HORIZONTAL
INVT	INVERT
LF	LINEAR FOOT, LINEAR FEET
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
No.	NUMBER
NTS	NOT TO SCALE
NYS DOT	NEW YORK STATE DEPARTMENT OF TRANSPORTATION
O.C.	ON CENTER
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
R/W	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
ROC	RUN-OF-CRUSHER
SAN	SANITARY
ST	STORM DRAIN
STD	STANDARD
TC	TOP OF CASTING
TG	TOP OF GROUND
TOC	TOP OF CURB
TYP	TYPICAL
UG	UNDERGROUND
VERT	VERTICAL
W	POTABLE WATER

## LEGEND

	EXISTING ASPHALT PAVEMENT TO BE REMOVED
	EXISTING CONCRETE TO BE REMOVED
	SOD
	TREE PROTECTION FENCE
	EXISTING FENCING TO BE REMOVED
	SOLID HDPE PIPE
	PERF HDPE PIPE

## SURVEY NOTES:

- COORDINATES AND NORTH ORIENTATION SHOWN HEREON ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, CENTRAL ZONE, TRANSVERSE MERCATOR PROJECTION, NAD 83/96 USING GPS PROCEDURES AND THE NEW YORK STATE DOT CORS NETWORK.
- ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 USING GPS PROCEDURES.
- UNDERGROUND UTILITIES SHOWN HEREON WERE PLOTTED FROM FIELD LOCATIONS, VISIBLE AT THE TIME OF SURVEY, AND UTILITY COMPANY RECORD DRAWINGS. THE LOCATIONS OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.
- THE LOCATIONS OF STREET RIGHT-OF-WAYS AND PROPERTY LINES ARE BASED ON A BOUNDARY SURVEY PERFORMED BY FISHER ASSOCIATES ON FEBRUARY 22 & 23, 2012 USING INFORMATION RESEARCHED AT THE CITY OF SYRACUSE SURVEYORS OFFICE AND ONONDAGA COUNTY CLERK'S OFFICE.
- ALL RECTANGULAR STORM INLETS ARE 1.7' x 3.3' UNLESS NOTED  
ALL STORM AND SANITARY MANHOLES ARE 2.0' DIA UNLESS NOTED

### CERTIFICATION:

WE, FISHER ASSOCIATES, P.E., L.S., P.C., HEREBY CERTIFY THAT THIS MAP WAS PREPARED FROM THE NOTES OF AN INSTRUMENT SURVEY COMPLETED BY US ON FEBRUARY 23, 2012 USING REFERENCES AND EVIDENCE SHOWN HEREON.

THIS MAP IS SUBJECT TO ANY EASEMENTS OR ENCUMBRANCES THAT AN ABSTRACT OF TITLE MAY SHOW.

## GENERAL CONSTRUCTION NOTES:

- EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW FINISH GRADE, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED.
- PROVIDE TEMPORARY FENCING AND ADEQUATE SIGNAGE AS NECESSARY TO MAINTAIN SECURITY AT ALL TIMES. PER SPECIFICATION SECTION 01040.
- PEDESTRIAN ACCESS TO PARK/SIDEWALK MUST BE MAINTAINED AT ALL TIMES. OR SIGNAGE PROVIDED TO REDIRECT CIRCULATION.
- ELEVATIONS GIVEN ARE TO FINISH GRADE UNLESS OTHERWISE SHOWN.
- PROVIDE EROSION AND SEDIMENT CONTROL MEASURES WHERE AND WHEN APPROPRIATE AS PER THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL (AUGUST 2005, OR LATEST EDITION). PROTECT EXISTING SITE FEATURES UNLESS OTHERWISE NOTED. CONSULT ENGINEER PRIOR TO BIoretention AREA INSTALLATION.
- CONTRACTOR SHALL TAKE ALL OTHER MEASURES TO POSITIVELY PRECLUDE EROSION MATERIALS FROM LEAVING THE SITE. CONTRACTOR TO SUBMIT EROSION CONTROL PLAN.
- EROSION CONTROLS MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE CONTROLS.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROLS MUST BE STABILIZED IMMEDIATELY.
- 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 PERFORMED IMMEDIATELY. IF EROSION CONTROLS FAIL TO PERFORM AS EXPECTED, REPLACEMENT CONTROLS, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
- CONTRACTOR SHALL PROTECT BIoretention AND INFILTRATION BED SUBGRADE FROM SEDIMENT DEPOSITION AND/OR COMPACTION DURING CONSTRUCTION. DO NOT ALLOW CONSTRUCTION VEHICLES TO TREAD ON THE BIoretention AREA OR INFILTRATION BED SUBGRADE.
- CONTRACTOR SHALL FOLLOW DRAINAGE CONTROL REQUIREMENTS AS SPECIFIED BY ENGINEER.
- ALL INLETS THAT DIRECT RUNOFF TO BIoretention AREAS SHALL REMAINED CLOSED UNTIL BIoretention AREAS ARE FULLY STABILIZED W/VEG. COVER GREATER THAN 70%. SYSTEMS SHALL BE OPENED W/ APPROVAL OF ENGINEER OR OWNER.
- NOTIFY DIG SAFELY NEW YORK AT LEAST 72 HOURS PRIOR TO CONSTRUCTION.
- IMMEDIATELY FOLLOWING CONSTRUCTION, RETURN ALL EXISTING IMPROVEMENTS TO PRE-CONSTRUCTION CONDITIONS.
- AGGREGATE FOR STORMWATER BEDS/TRENCHES SHALL BE CLEAN-WASHED PRIOR TO PLACEMENT.
- MAINTAIN LOOSE AND UNDISTURBED BIoretention AREA AND INFILTRATION BED SUBGRADE. SCARIFY TOP 6 INCHES. DO NOT ALLOW CONSTRUCTION EQUIPMENT IN BIoretention AREA OR INFILTRATION BED BOTTOM SURFACE
- VERIFY ALL EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO START OF WORK AND IMMEDIATELY NOTIFY ENGINEER OF POTENTIAL CONFLICTS WITH PROPOSED WORK.
- PROTECT EXISTING TREES TO REMAIN DURING CONSTRUCTION. SEE SHEET C-1 & C-2 FOR TREE PROTECTION INFO.
- 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 1/4 OF THE PIPE CIRCUMFERENCE AND ENSURE OVERLAP RUNS ALONG THE CROWN OF PIPE. SLEEVES AND CASTINGS SHALL BE DRY AND MOISTURE FREE BEFORE SEALING.
- INSTALL TWO-PIECE HDPE ANTI-SEEP COLLAR BY LANE ENTERPRISES, OR APPROVED EQUAL. INSTALL COLLAR ON THE INDICATED SOLID HDPE PIPES APPROXIMATELY 1' FROM EDGE OF THE BIoretention AREA AND INFILTRATION BED WHERE INDICATED ON PLANS.
- 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 PROPERLY MAINTAINED FOR THE DURATION OF THE WORK.
- CONTRACTOR SHALL NOTIFY CITY OF SYRACUSE DEPARTMENT OF WATER AT LEAST 24 HOURS IN ADVANCE OF STARTING ANY WORK.
- CONTRACTOR SHALL NOTIFY CITY OF SYRACUSE DEPARTMENT OF PUBLIC WORKS AT LEAST 48 HOURS IN ADVANCE OF CONNECTION TO COMBINED SEWER MAINS. CONNECTION MUST BE MADE BY A LICENSED PLUMBER.
- AT CLOSE OF PROJECT, CONTRACTOR SHALL VERIFY INVERT ELEVATIONS OF ALL STRUCTURES USING A NYS LICENSED SURVEYOR. INVERT ELEVATIONS SHALL BE PROVIDED ON RECORD DRAWINGS.

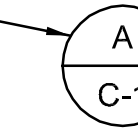


## REQUIRED CONSTRUCTION SEQUENCE

- NOTIFY ENGINEER AND SYRACUSE CITY DEPT. OF PARKS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL COMPLETE VERIFICATION OF EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF POTENTIAL CONFLICTS WITH PROPOSED WORK

## SECTION / DETAIL DESIGNATIONS

PROFILE, SECTION (LETTER) OR DETAIL (NUMBER) DESIGNATION



ON DRAWING WHERE SECTION VIEW, OR DETAIL IS TAKEN:

DRAWING NUMBER WHERE PROFILE, SECTION (LETTER) OR DETAIL (NUMBER) IS SHOWN

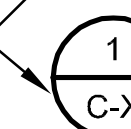
DRAWING NUMBER WHERE PROFILE, SECTION (LETTER) OR DETAIL (NUMBER) IS SHOWN



## PROFILE / SECTION

SCALE

ON DRAWING WHERE SECTION IS SHOWN



## DETAIL

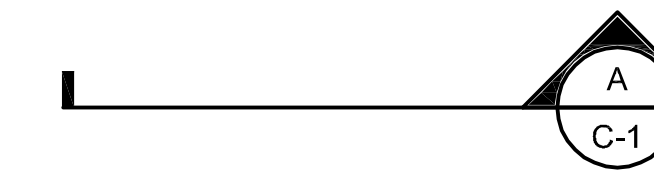
SCALE

ON DRAWING WHERE DETAIL IS SHOWN

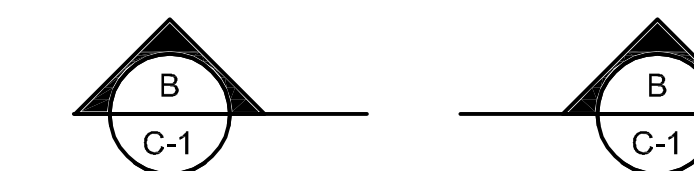
## DRAWING TITLE

SCALE

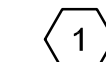
ON DRAWING WHERE ONLY A TITLE IS REQUIRED WITH NO REFERENCE (e.g. PLANS, ELEVATIONS)



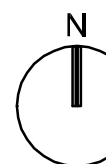
SECTION CALLOUT WHERE SECTION CUT IS LESS THAN OR EQUAL TO 3"



SECTION CALLOUT WHERE SECTION CUT IS GREATER THAN 3"

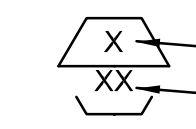


KEY NOTE



NORTH ARROW

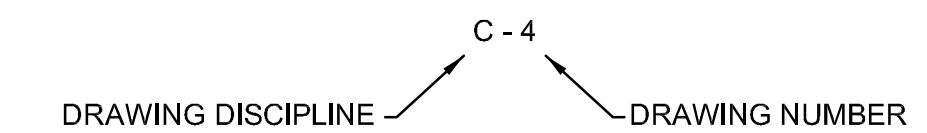
## PLANT TAG LEGEND



PLANT QUANTITY

PLANT SPECIES ABBREVIATION

## DRAWING NUMBER DESIGNATIONS



## DISCIPLINE LIST:

C	CIVIL
G	GENERAL
L	LANDSCAPING

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BY: D WIBLE

APVD: S MCDANIELS

CHK: T LUEHR

DR: S MCDANIELS

NO. DATE DSGN

430 GENESEE STREET  
SUITE 400  
SYRACUSE NY, 13202

H-36  
WADSWORTH PARK  
SYRACUSE, NY

ONONDAGA COUNTY

GENERAL ABBREVIATIONS, LEGENDS, AND NOTES

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
1" = 1'

DATE: JULY 2012  
PROJ: 381098

DWG: G-2  
SHEET: 2 of 13

(ISSUED FOR BIDDING AND CONSTRUCTION)

1  
L-3

TREE PROTECTION, TYP. (TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION)

REMOVE AND REPLACE EXST. CONCRETE CURB (±6 LF EACH LOCATION)

REMOVE AND REPLACE EXST. ASPHALT PAVEMENT, TYP.

REMOVE AND REPLACE EXST. CONCRETE CURB (±6 LF)

REMOVE AND REPLACE EXST. ASPHALT PAVEMENT, TYP.

1  
L-3

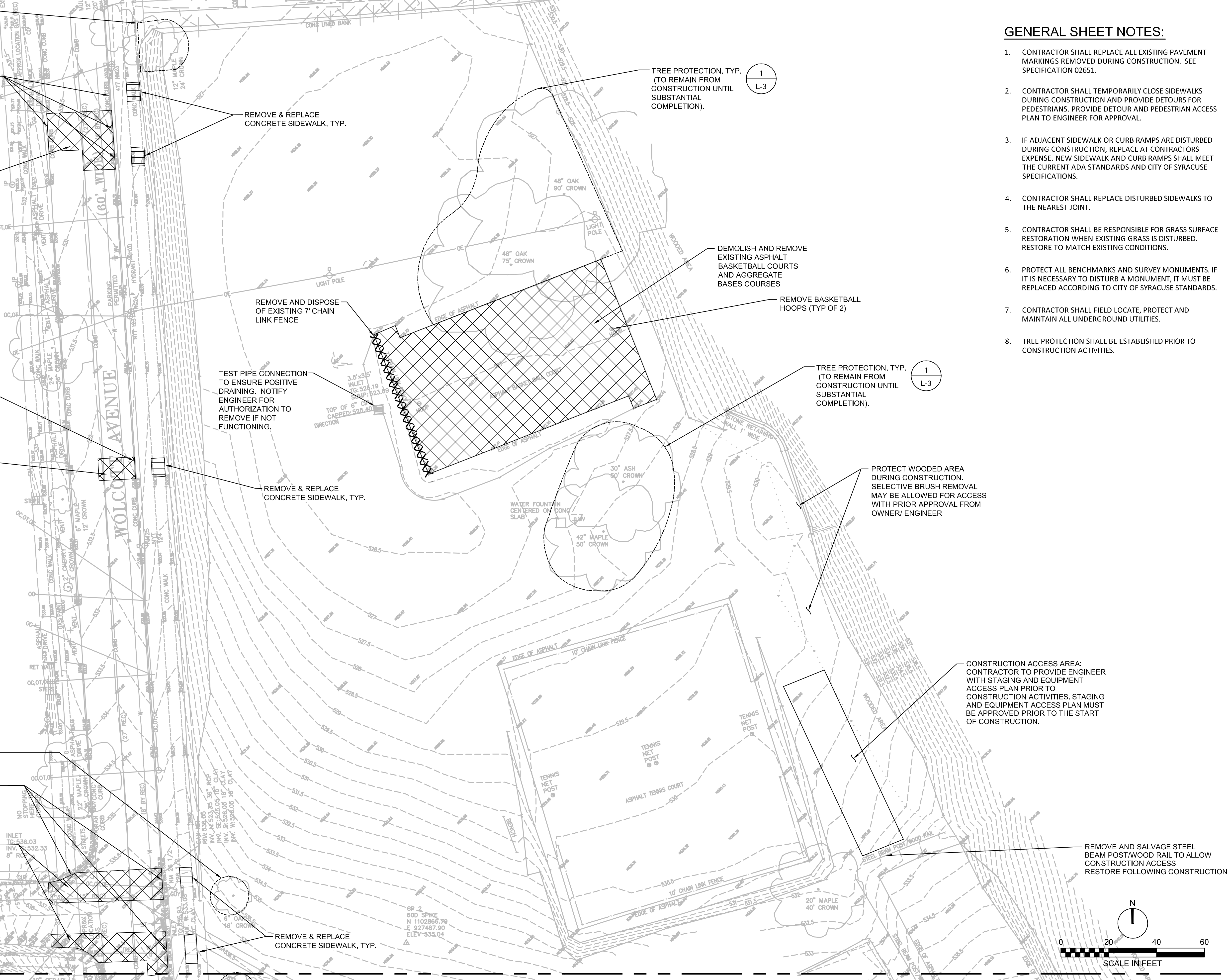
TREE PROTECTION, TYP. (TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION)

REMOVE AND REPLACE EXST. CONCRETE CURB AS REQUIRED TO INSTALL PIPE (±6 LF AT EACH LOCATION)

REMOVE AND REPLACE EXST. ASPHALT PAVEMENT, TYP.

WOLCOTT TERRACE (50' WIDE)

MATCHLINE



REMOVE & REPLACE CONCRETE SIDEWALK, TYP.

REMOVE AND DISPOSE OF EXISTING 7' CHAIN LINK FENCE

TEST PIPE CONNECTION TO ENSURE POSITIVE DRAINING. NOTIFY ENGINEER FOR AUTHORIZATION TO REMOVE IF NOT FUNCTIONING.

REMOVE & REPLACE CONCRETE SIDEWALK, TYP.

REMOVE & REPLACE CONCRETE SIDEWALK, TYP.

TREE PROTECTION, TYP. (TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION),

1  
L-3

DEMOLISH AND REMOVE EXISTING ASPHALT BASKETBALL COURTS AND AGGREGATE BASES COURSES

REMOVE BASKETBALL HOOPS (TYP OF 2)

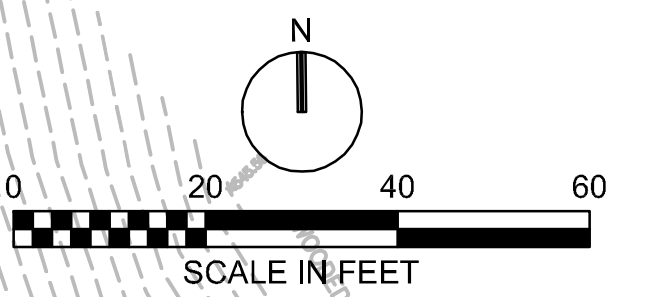
TREE PROTECTION, TYP. (TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION),

1  
L-3

PROTECT WOODED AREA DURING CONSTRUCTION. SELECTIVE BRUSH REMOVAL MAY BE ALLOWED FOR ACCESS WITH PRIOR APPROVAL FROM OWNER/ ENGINEER

CONSTRUCTION ACCESS AREA: CONTRACTOR TO PROVIDE ENGINEER WITH STAGING AND EQUIPMENT ACCESS PLAN PRIOR TO CONSTRUCTION ACTIVITIES. STAGING AND EQUIPMENT ACCESS PLAN MUST BE APPROVED PRIOR TO THE START OF CONSTRUCTION.

REMOVE AND SALVAGE STEEL BEAM POST/WOOD RAIL TO ALLOW CONSTRUCTION ACCESS RESTORE FOLLOWING CONSTRUCTION



**GENERAL SHEET NOTES:**

1. CONTRACTOR SHALL REPLACE ALL EXISTING PAVEMENT MARKINGS REMOVED DURING CONSTRUCTION. SEE SPECIFICATION 0265.1.
2. CONTRACTOR SHALL TEMPORARILY CLOSE SIDEWALKS DURING CONSTRUCTION AND PROVIDE DETOURS FOR PEDESTRIANS. PROVIDE DETOUR AND PEDESTRIAN ACCESS PLAN TO ENGINEER FOR APPROVAL.
3. IF ADJACENT SIDEWALK OR CURB RAMPS ARE DISTURBED DURING CONSTRUCTION, REPLACE AT CONTRACTORS EXPENSE. NEW SIDEWALK AND CURB RAMPS SHALL MEET THE CURRENT ADA STANDARDS AND CITY OF SYRACUSE SPECIFICATIONS.
4. CONTRACTOR SHALL REPLACE DISTURBED SIDEWALKS TO THE NEAREST JOINT.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR GRASS SURFACE RESTORATION WHEN EXISTING GRASS IS DISTURBED. RESTORE TO MATCH EXISTING CONDITIONS.
6. PROTECT ALL BENCHMARKS AND SURVEY MONUMENTS. IF IT IS NECESSARY TO DISTURB A MONUMENT, IT MUST BE REPLACED ACCORDING TO CITY OF SYRACUSE STANDARDS.
7. CONTRACTOR SHALL FIELD LOCATE, PROTECT AND MAINTAIN ALL UNDERGROUND UTILITIES.
8. TREE PROTECTION SHALL BE ESTABLISHED PRIOR TO CONSTRUCTION ACTIVITIES.



NO.	DATE	DR	CHK	REVISION	BY	APVD

430 GENESEE STREET  
SUITE 400  
SYRACUSE NY, 13202

H-36  
WADSWORTH PARK  
SYRACUSE, NY  
ONONDAGA COUNTY

**CH2MHILL**  
CIVIL

**EXISTING CONDITIONS/  
SITE DEMOLITION PLAN - NORTH**

(ISSUED FOR BIDDING AND CONSTRUCTION)

VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING.	
DATE	JULY 2012
PROJ	381098
DWG	C-1
SHEET	3 of 13

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MATCHLINE

N/F  
CITY OF SYRACUSE  
T.A. #81-07-01  
"WADSWORTH PARK"

GENERAL SHEET NOTES:

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7. CONTRACTOR SHALL FIELD LOCATE, PROTECT AND MAINTAIN ALL UNDERGROUND UTILITIES.
8. TREE PROTECTION SHALL BE ESTABLISHED PRIOR TO CONSTRUCTION ACTIVITIES.



NO.	DATE	DR	CHK	REVISION	BY	APVD
		S. MCDANIELS	T. LUEHR			D. WIBLE
		S. MCDANIELS				

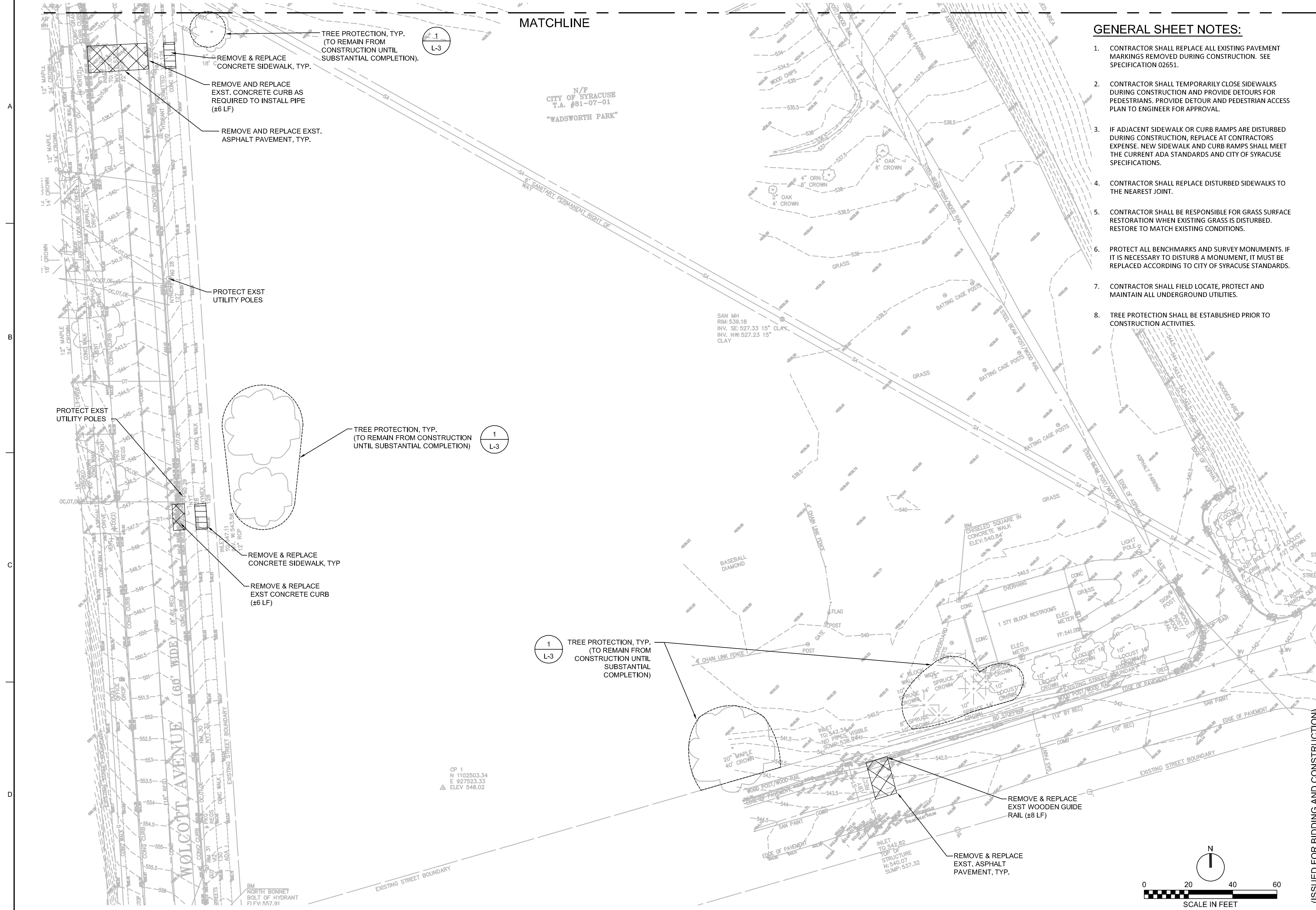
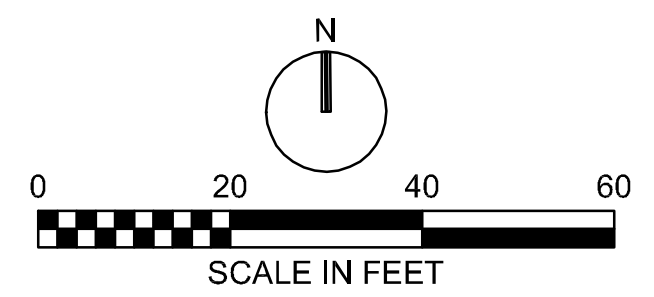
430 GENESEE STREET  
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H-36  
WADSWORTH PARK  
SYRACUSE, NY  
ONONDAGA COUNTY

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CIVIL  
EXISTING CONDITIONS/  
DEMOLITION PLAN - SOUTH

VERIFY SCALE	
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DWG	C-2
SHEET	4 of 13

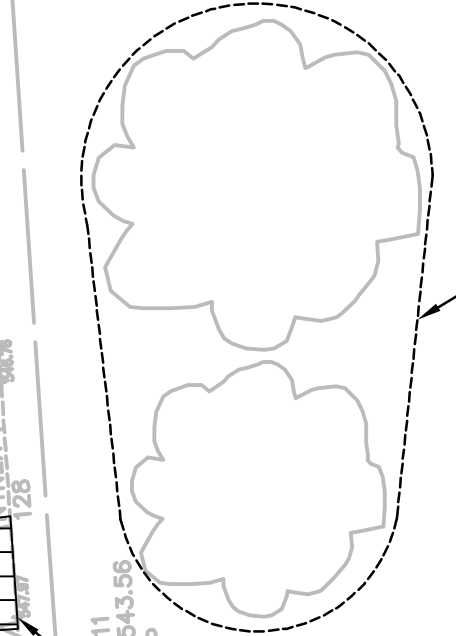


TREE PROTECTION, TYP.  
(TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION).

REMOVE & REPLACE EXST. CONCRETE CURB AS REQUIRED TO INSTALL PIPE (#6 LF)

REMOVE AND REPLACE EXST. ASPHALT PAVEMENT, TYP.

PROTECT EXST UTILITY POLES



TREE PROTECTION, TYP.  
(TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION)

REMOVE & REPLACE CONCRETE SIDEWALK, TYP

REMOVE & REPLACE EXST CONCRETE CURB (#6 LF)

TREE PROTECTION, TYP.  
(TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION)

REMOVE & REPLACE EXST WOODEN GUIDE RAIL (#8 LF)

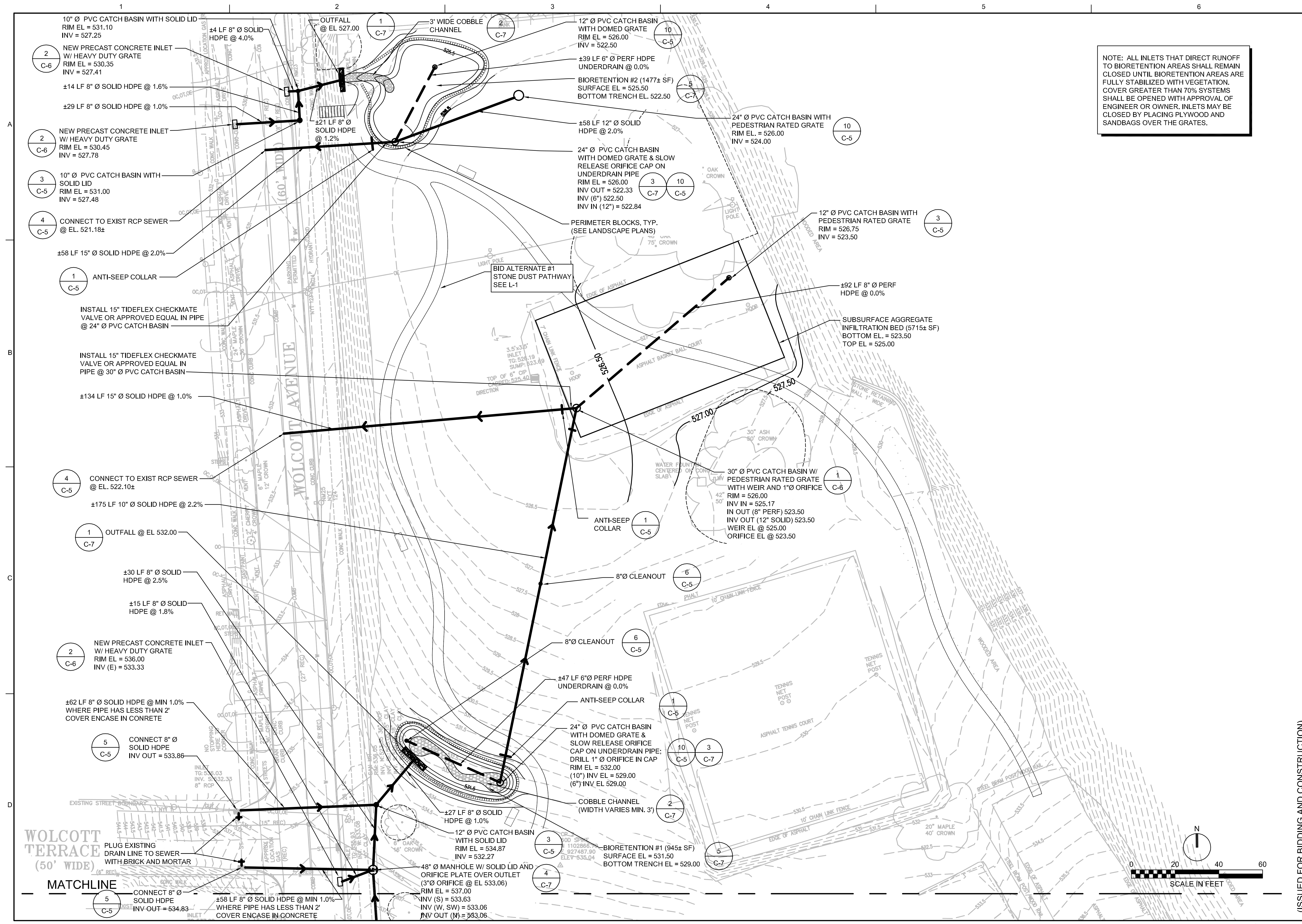
REMOVE & REPLACE EXST. ASPHALT PAVEMENT, TYP.

CP 1  
N 1102503.34  
E 927523.33  
ELEV 548.02

BM NORTH BONNET  
BOLT OF HYDRANT  
FI FV: 557.91

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NOTE: ALL INLETS THAT DIRECT RUNOFF TO BIORETENTION AREAS SHALL REMAIN CLOSED UNTIL BIORETENTION AREAS ARE FULLY STABILIZED WITH VEGETATION. COVER GREATER THAN 70% SYSTEMS SHALL BE OPENED WITH APPROVAL OF ENGINEER OR OWNER. INLETS MAY BE CLOSED BY PLACING PLYWOOD AND SANDBAGS OVER THE GRATES.



NO.	DATE	DR	CHK	REVISION	APVD	BY	APVD

430 GENESEE STREET  
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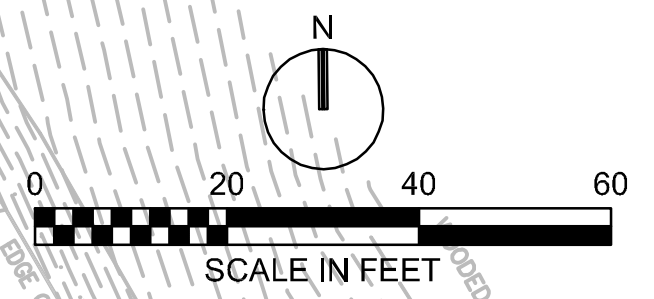
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CIVIL

**PROPOSED SITE PLAN - NORTH**

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.

DATE: JULY 2012  
PROJ: 381098  
DWG: C-3  
SHEET: 5 of 13



STATE OF NEW YORK  
DANIEL F. WIBLE  
085183-1  
LICENSED PROFESSIONAL ENGINEER

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MATCHLINE

MATCHLINE



2  
C-6  
NEW PRECAST  
CONCRETE INLET W/  
HEAVY DUTY GRATE  
RIM EL = 537.33  
INV EL = 534.66

±30 LF 8" Ø SOLID  
HDPE @ 2.1%

10"Ø PVC CATCH BASIN  
W/ SOLID LID  
RIM 538.00±  
INV (S) = 535.08  
INV (W) = 534.36  
INV (N) = 534.36

8" CLEANOUT

±209 LF 8" Ø SOLID  
HDPE @ 4.1%

CONNECT NEW 8"Ø HDPE  
TO EXISTING INLET  
INV IN = 544.44

10" PVC CATCH BASIN  
WITH SOLID LID  
RIM 547.25±  
INV OUT = 543.61  
INV IN = 544.30

±14 LF 8" Ø HDPE  
@ MIN 1.0%

2  
C-6  
DISCONNECT AND PLUG  
EXISTING CONNECTION  
TO SEWER WITH BRICK  
AND MORTAR. REPLACE  
EXISTING INLET WITH  
NEW PRECAST  
CONCRETE INLET WITH  
HEAVY DUTY GRATE  
RIM EL = 547.11  
INV EL = 544.44

NOTE: ALL INLETS THAT DIRECT RUNOFF  
TO BIORETENTION AREAS SHALL REMAIN  
CLOSED UNTIL BIORETENTION AREAS ARE  
FULLY STABILIZED WITH VEGETATION.  
COVER GREATER THAN 70% SYSTEMS  
SHALL BE OPENED WITH APPROVAL OF  
ENGINEER OR OWNER. INLETS MAY BE  
CLOSED BY PLACING PLYWOOD AND  
SANDBAGS OVER THE GRATES.

PROTECT EXISTING  
6" SAN LINE

PROTECT EXISTING SIDEWALK.  
DO NOT DISTURB.

N/F  
CITY OF SYRACUSE  
T.A. #81-07-01  
"WADSWORTH PARK"

SAN MH  
RIM: 539.18  
INV: SE: 527.33 15" CLAY  
INV: NW: 527.23 15" CLAY

PERIMETER BLOCKS, TYP.  
(SEE LANDSCAPE PLANS)

5  
C-7  
BIORETENTION #3  
(721± SF)  
SURFACE EL = 540.00  
BOTTOM TRENCH EL = 537.50

6  
C-5  
8" CLEANOUT

2  
C-7  
3' WIDE COBBLE  
CHANNEL

18" Ø PVC CATCH BASIN & SLOW  
RELEASE ORIFICE CAP ON  
UNDERDRAIN PIPES WITH  
DOMED OVERFLOW  
RIM EL = 540.33  
INV OUT = 537.00  
INV (6") 537.00

8" CLEANOUT

±16 LF 6" Ø PERF HDPE  
UNDERDRAIN @ 0.0%

INSTALL 8" Ø TIDE FLEX  
CHECKMATE VALVE OR  
APPROVED EQUAL IN PIPE @  
18" Ø PVC CATCH BASIN

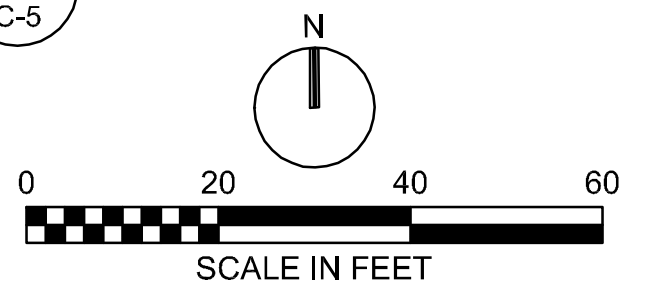
ANTI-SEEP COLLAR

±32 LF 8" Ø SOLID  
HDPE @ 1.4%

CONNECT 8" HDPE TO  
EXISTING 10" SEWER.  
CONNECT @ EL. ±536.55

CP 1  
N 1102503.34  
E 927523.33  
ELEV 548.02

BM  
NORTH BONNET  
BOLT OF HYDRANT  
ELEV: 557.91



430 GENESEE STREET  
SUITE 400  
SYRACUSE NY, 13202

H-36  
WADSWORTH PARK  
SYRACUSE, NY  
ONONDAGA COUNTY

CIVIL  
**CH2MHILL**

PROPOSED SITE PLAN - SOUTH

VERIFY SCALE	
BAR IS ONE INCH ON ORIGINAL DRAWING.	
DATE	JULY 2012
PROJ	381098
DWG	C-4
SHEET	6 of 13

FILENAME: PLOT DATE: \$PLOTDATE PLOT TIME: \$PLOTTIME

D. WIBLE

BY APVD

APVD

CHK

REVISION

NO. DATE

DSGN

DR

S. MCDANIELS

T. LUEHR

S. MCDANIELS

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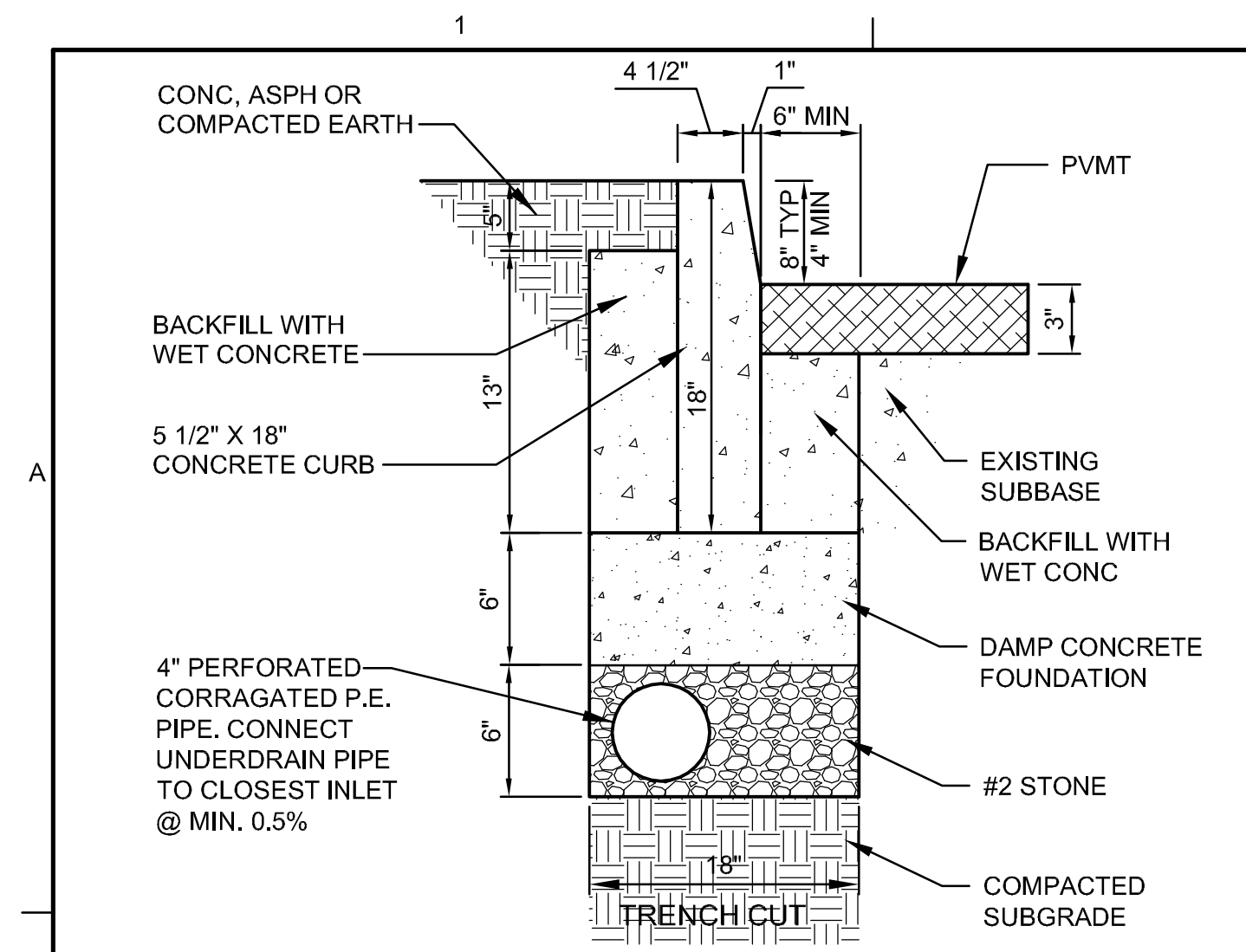
PROPOSED SITE PLAN - SOUTH

CH2MHILL

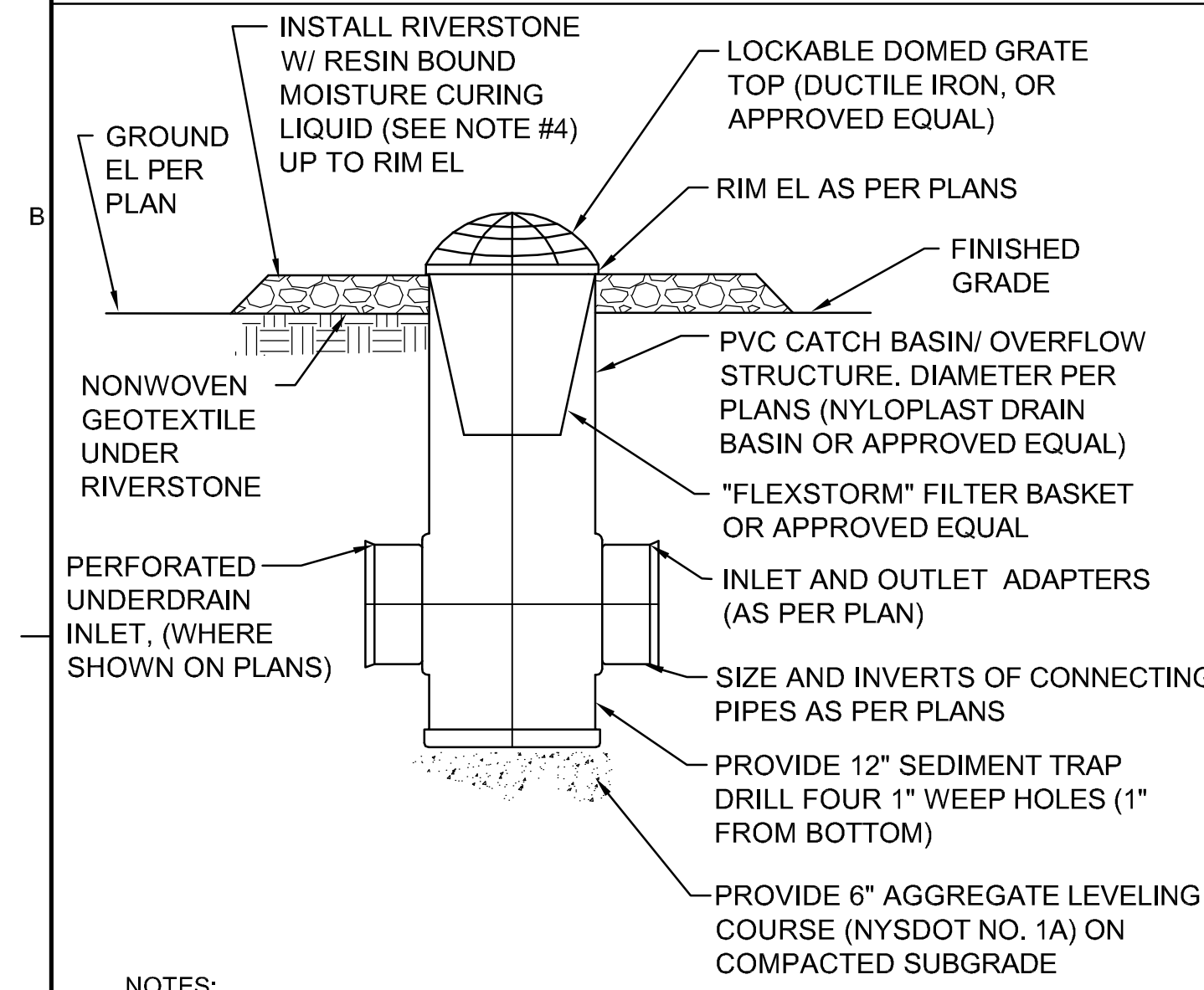
PROPOSED SITE PLAN - SOUTH

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**9 CONCRETE CURB**  
NTS

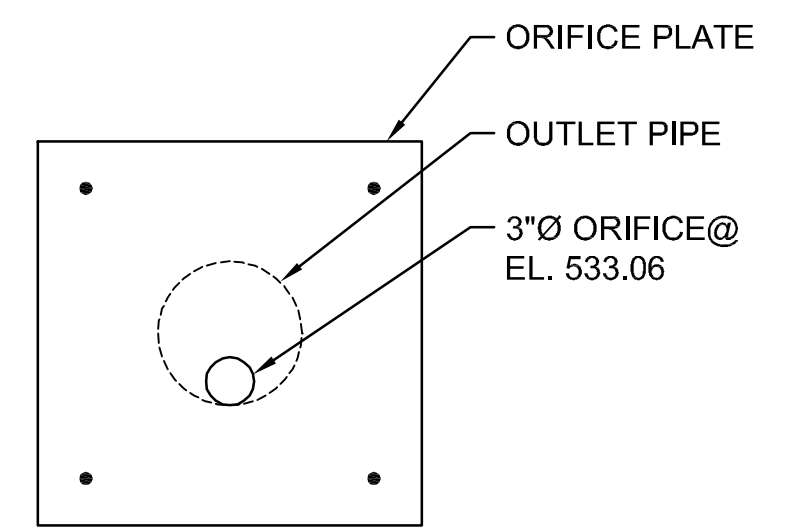


**1 ANTI-SEEP COLLAR**  
NTS

- NOTES:
- BASE AND BACKFILL SHALL BE HAND PLACED AND TAMPED IN 6" LIFTS. PLACE ALL CATCH BASINS ON 6" THICK AGGREGATE LEVELING COURSE (NYS DOT NO. 1A) ON COMPACTED SUBGRADE.
  - ALL RIMS AND INVERTS INDICATED ON PLAN.
  - INSTALL SLOW RELEASE ORIFICE ON UPSTREAM PERFORATED PIPE (UNDERDRAIN), WHEN INDICATED ON PLAN.
  - MOISTURE CURING LIQUID SHALL BE CLEAR GRAVEL-LOK BY GEO SYNTHETICS OR APPROVED EQUAL.

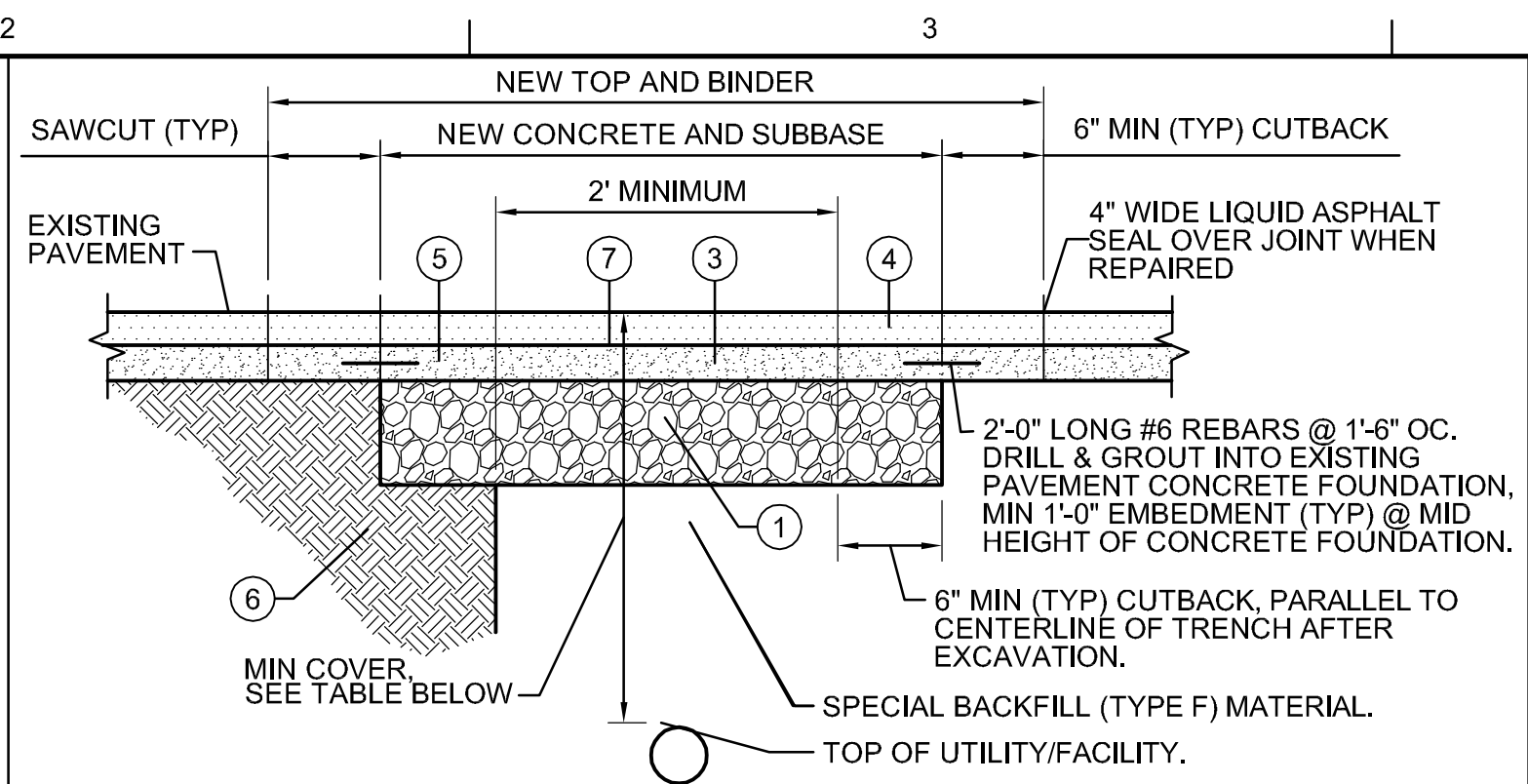
**BIORETENTION OVERFLOW STRUCTURE**

**10**  
NTS



- NOTE:
- 2"x2x1/4" THICK REMOVABLE STAINLESS STEEL PLATE. CENTER OVER OUTLET. FASTEN WITH FOUR 3/8" STAINLESS STEEL BOLTS, LOCK WASHERS AND WALL ANCHORS.

**11 ORIFICE**  
NTS



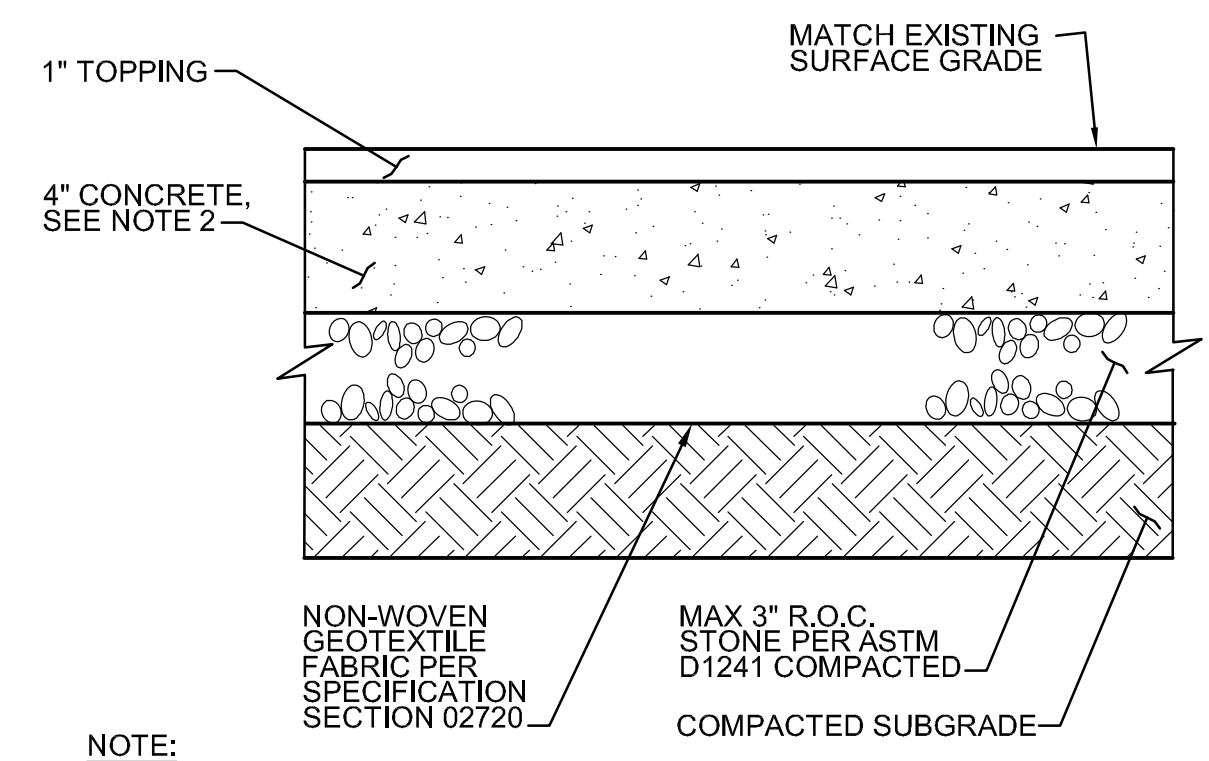
DRAWING KEY	DESCRIPTION
1	SUBBASE COURSE, TYPE "1" RUN-OF-CRUSHER (12")
3	ASPHALT CONCRETE - TYPE 3 BINDER COURSE (ONE - 2" LIFT)
4	ASPHALT CONCRETE - TYPE 7FM TOP COURSE (ONE - 1-1/2" LIFT)
5	FIBER-REINFORCED PORTLAND CEMENT CONCRETE - 3,500 PSI (8")
6	COMPACTED SUBGRADE
7	ASPHALT TACK COAT

- PRIVATE UTILITY STREET CUT REPAIR:
- WHEN 30% OR MORE OF THE PAVEMENT IS EXCAVATED BY PRIVATE UTILITY WORK, THE CITY, AT ITS DISCRETION, MAY REQUIRE RECONSTRUCTION FROM THE CENTER LINE TO THE EDGE/CURB OF THE ENTIRE SECTION.
  - WHEN 60% OR MORE OF THE PAVEMENT LANE AREA IS EXCAVATED BY PRIVATE UTILITY THE ENTIRE AREA FROM THE CENTER LINE OF THE PAVEMENT TO THE CURB MUST BE RECONSTRUCTED.
  - IF ANY PAVEMENT DISTURBANCE OCCURS WITHIN 2 FEET OF THE EDGE/CURB, PAVEMENT RECONSTRUCTION MUST BE COMPLETED TO THE EDGE/CURB.
  - IN AREAS WHERE TRENCH WIDTH VARIES THE PERCENTAGES SHALL BE DETERMINED PER 100 LINEAR FEET ALONG CENTER LINE OF THE STREET. IN INTERSECTIONS THE AREA WILL BE PER QUADRANT OF THE INTERSECTION.
  - EXISTING PAVEMENT IS TO BE SAWCUT FULL DEPTH TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING. SAWCUT IS TO BE MADE AFTER BACKFILLING THE TRENCH TO THE BOTTOM OF NEW PAVEMENT SECTION.

MINIMUM COVER: (UNLESS OTHERWISE APPROVED BY ENGINEER)	
3'-0"	GAS, ELECTRIC, CABLE, TV, TELECOMMUNICATIONS
5'-0"	WATER
3'+ (OR AS APPROVED BY CITY'S ENGINEER)	ALL OTHERS

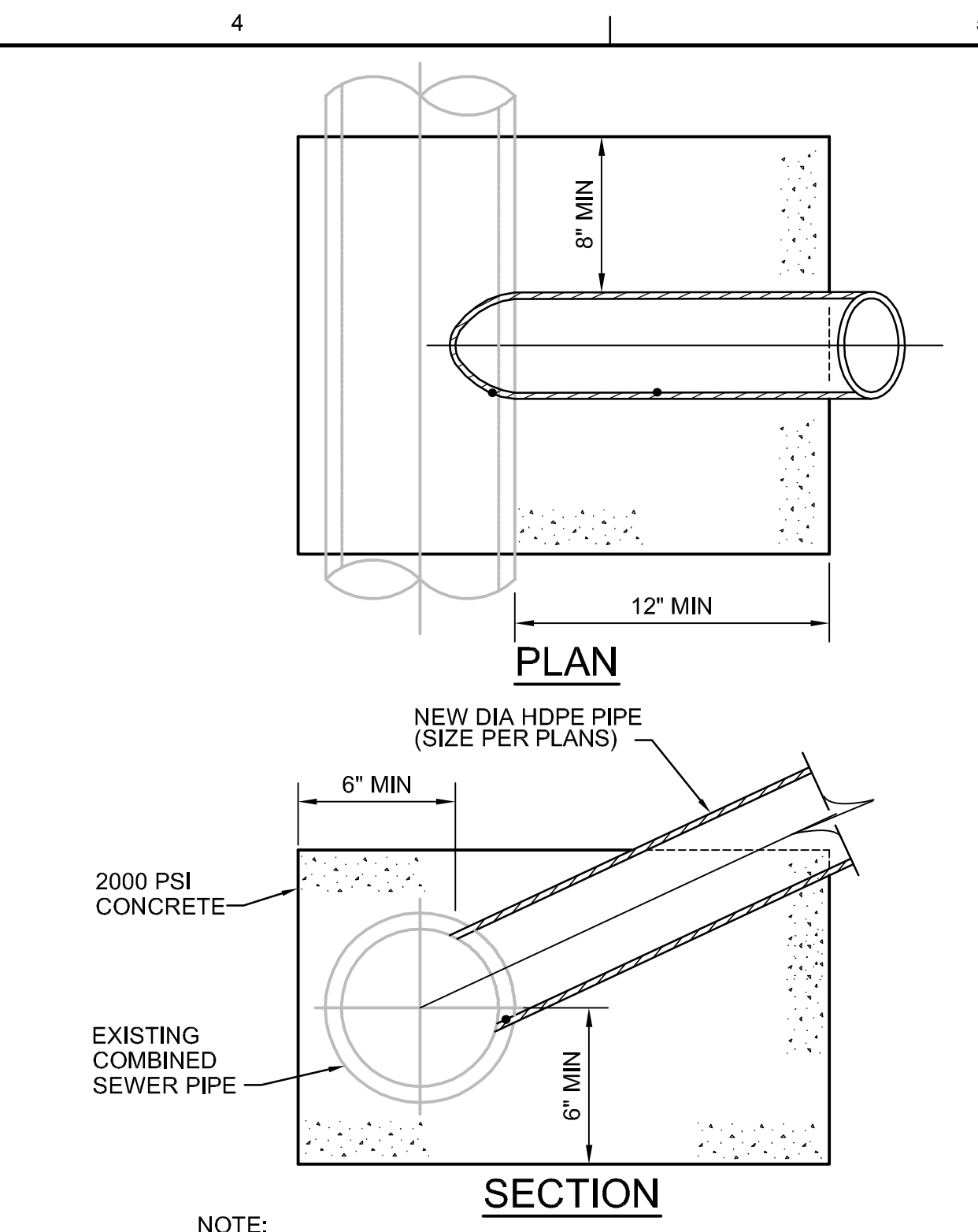
- NOTES:
- REFER TO CITY OF SYRACUSE STANDARD SPECIFICATIONS OR DETAILS. THE MINIMUM THICKNESS OF EACH LAYER OF BINDER, TOP, SUBBASE AND CONCRETE BASE SHALL MATCH THOSE SHOWN ON STANDARD DETAILS OR MATCH EXISTING WHERE EXISTING CONDITIONS EXCEED MINIMUMS.
  - IN NO CASE SHALL THE TOP OF CONCRETE BASE BE HIGHER THAN THAT OF THE SURROUNDING EXISTING CONCRETE.
  - IF PAVEMENT MARKINGS OR SIGNAL LOOPS ARE DISTURBED OR DESTROYED THEY SHALL BE REPLACED IN ACCORDANCE WITH CITY OF SYRACUSE STANDARDS.
  - MATCH EXISTING PAVEMENT SLOPE.
  - IF, IN THE OPINION OF THE CONTRACTOR, THE EXISTING CONCRETE FOUNDATION IS IN POOR CONDITION, THE ENGINEER SHALL BE CONTACTED FOR PRIOR APPROVAL TO ELIMINATE DOWELS.

**7 PIPE TRENCHING/ROAD RESTORATION**  
C-3

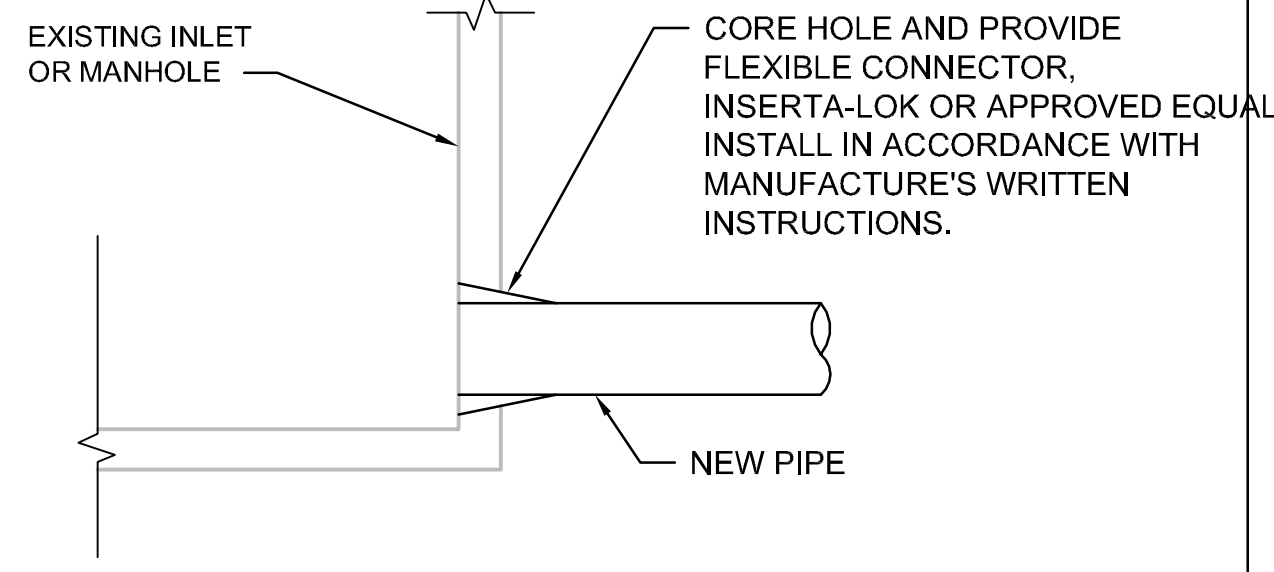


- NOTE:
- SAWCUT AT EXISTING JOINT. INSTALL 1/2" EXPANSION JOINT. REPLACE FULL PANELS.
  - SIDEWALKS AT STREET CORNERS AND THROUGH DRIVEWAYS SHALL BE 7" THICK WITH A 6" BASE.

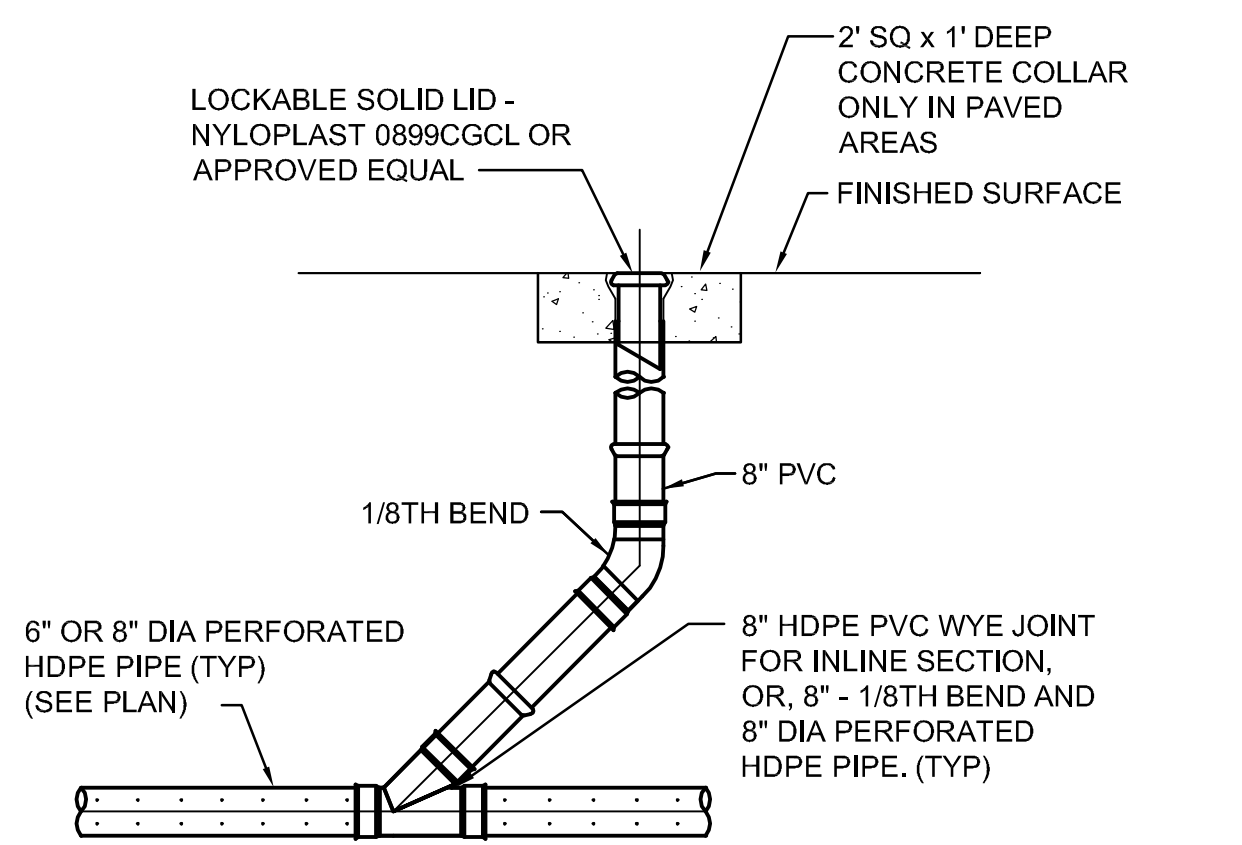
**8 CONCRETE SIDEWALK RESTORATION**  
NTS



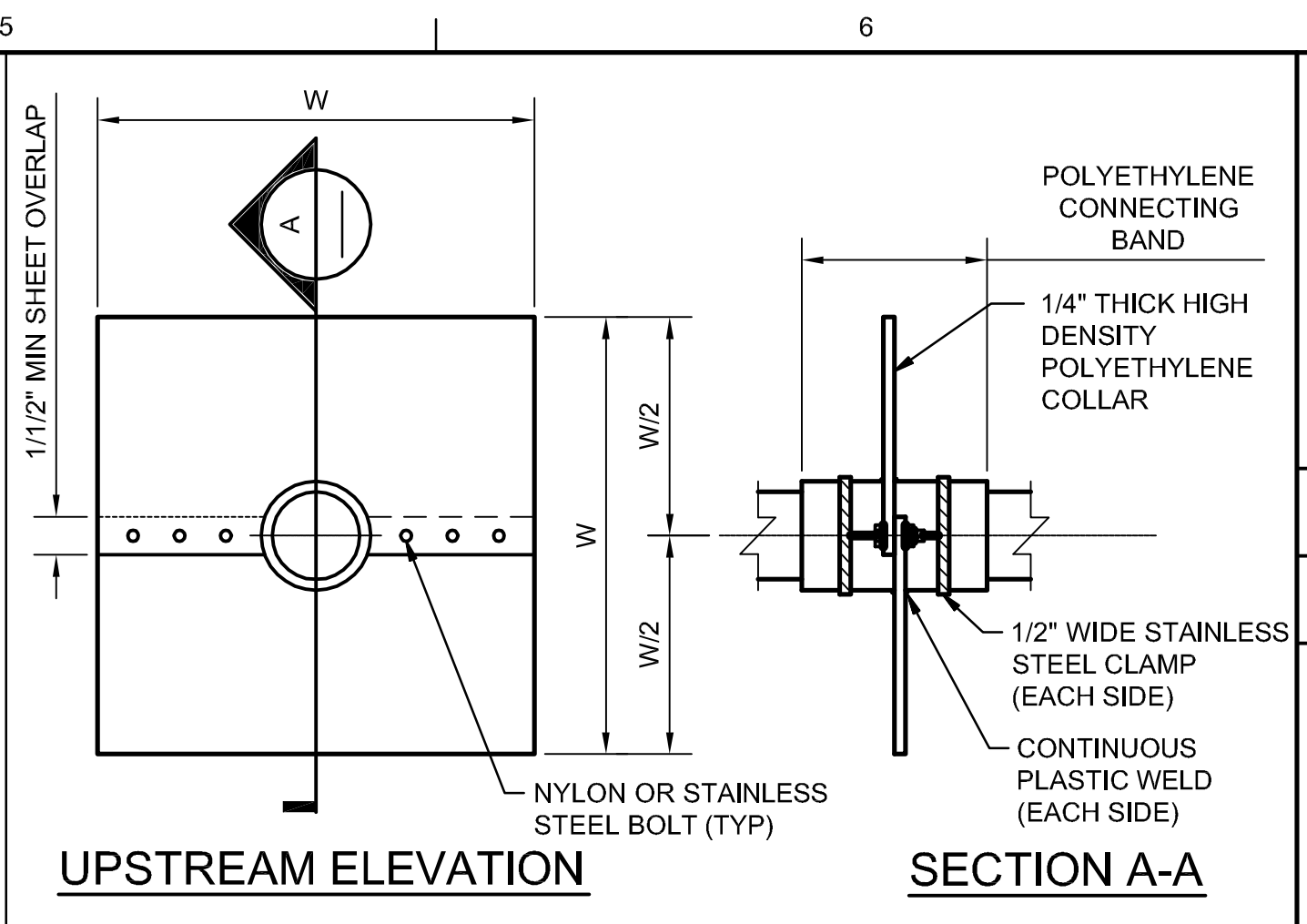
**4**  
NTS



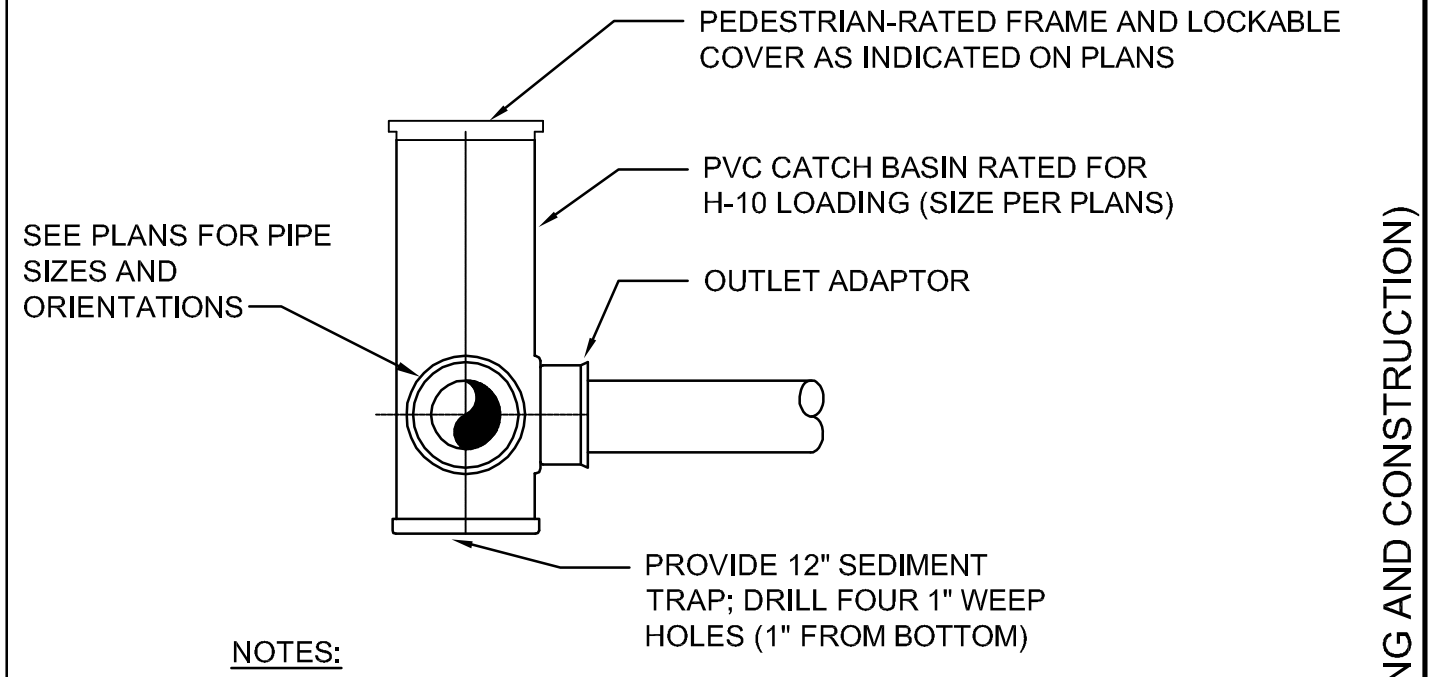
**5 NEW PIPE CONNECTION TO EXISTING MANHOLE OR INLET**  
NTS



**6 CLEANOUT**  
NTS



**2 SOLID HDPE PIPE BEDDING**  
NTS (NOT IN INFILTRATION BED)



- NOTES:
- BASE AND BACKFILL SHALL BE HAND PLACED AND TAMPED IN 6" LIFTS. PLACE ALL CATCH BASINS ON 6" THICK AGGREGATE LEVELING COURSE (NYS DOT NO. 1A) ON COMPACTED SUBGRADE.
  - SEE PLANS FOR TOP OF CASTING AND INVERT ELEVATIONS.
  - TO BE MANUFACTURED BY NYLOPLAST, OR APPROVED EQUAL.

**3 PVC CATCH BASIN**  
NTS



NO.	DATE	DSGN	CHK	REVISION	BY	APVD

430 GENESEE STREET  
SUITE 400  
SYRACUSE NY, 13202

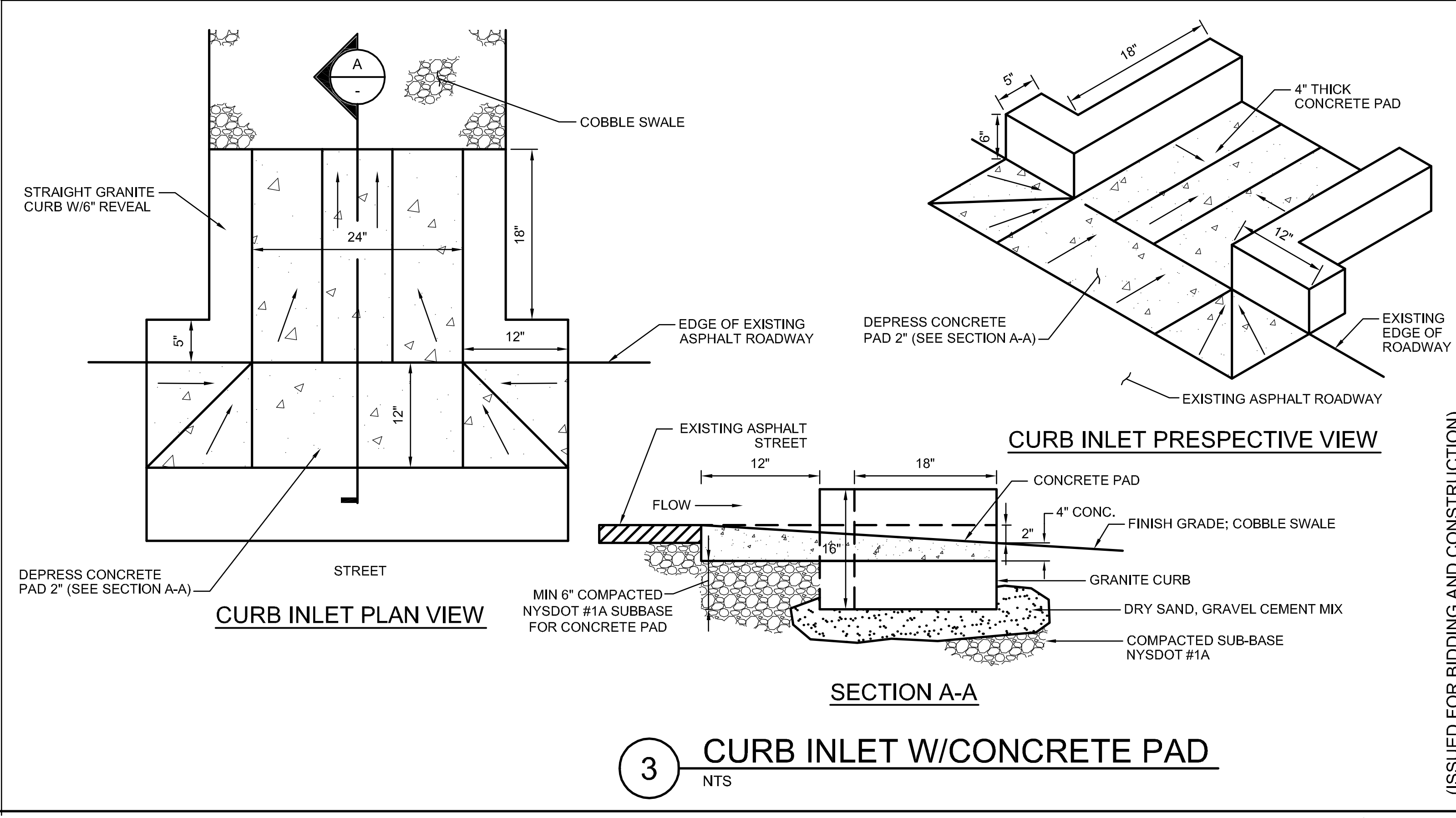
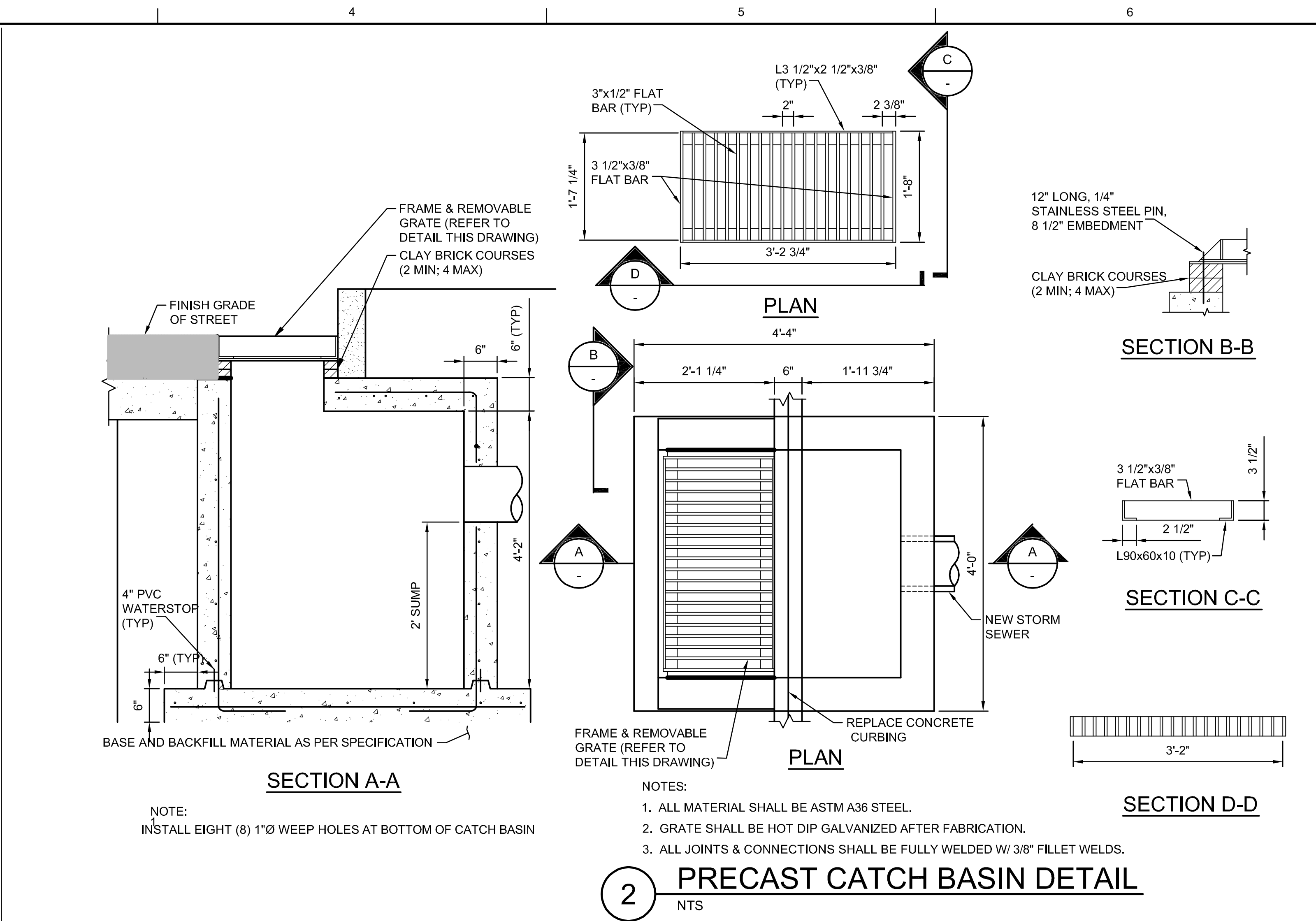
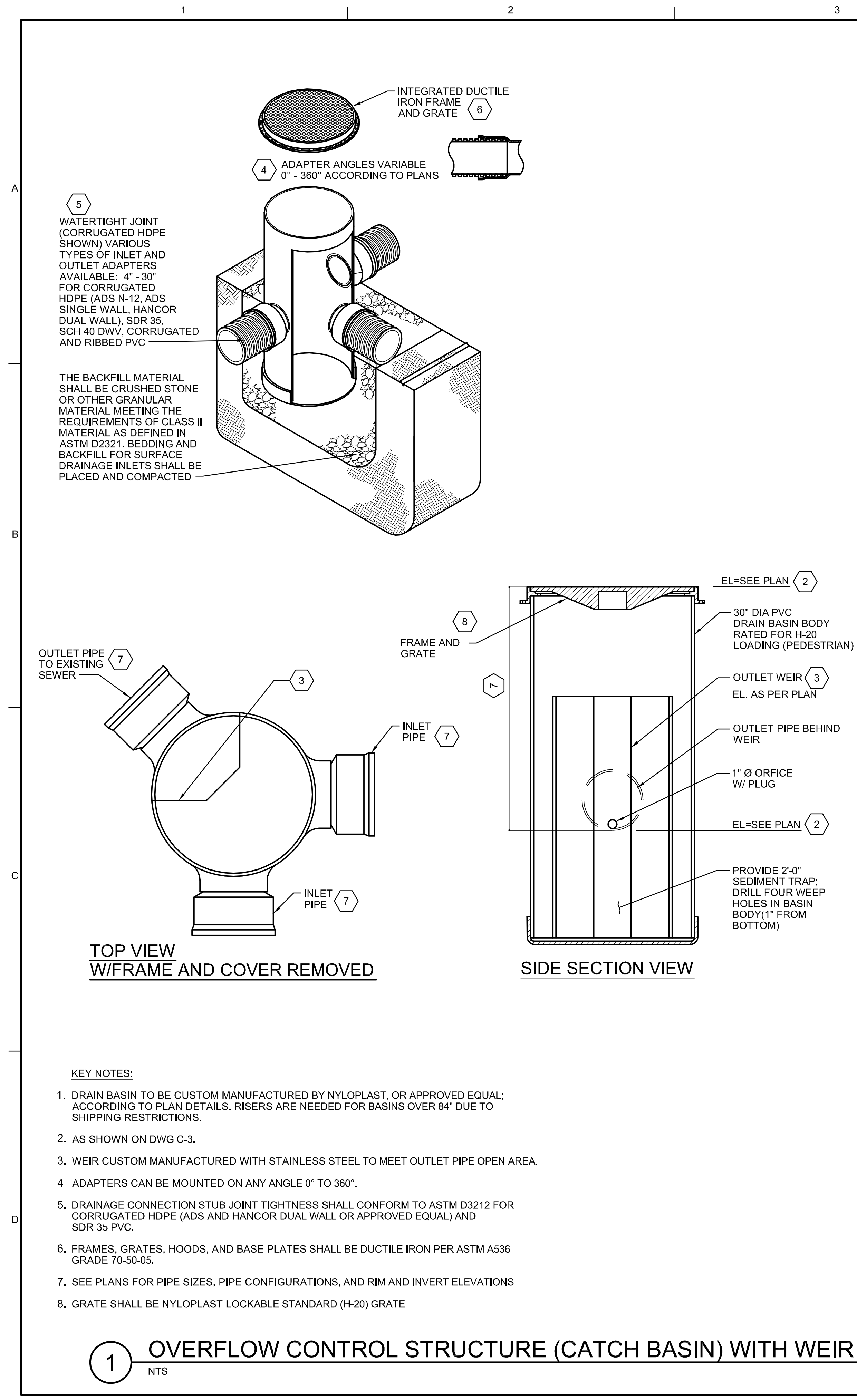
H-36  
WADSWORTH PARK  
SYRACUSE, NY  
ONONDAGA COUNTY

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CIVIL  
DETAILS I

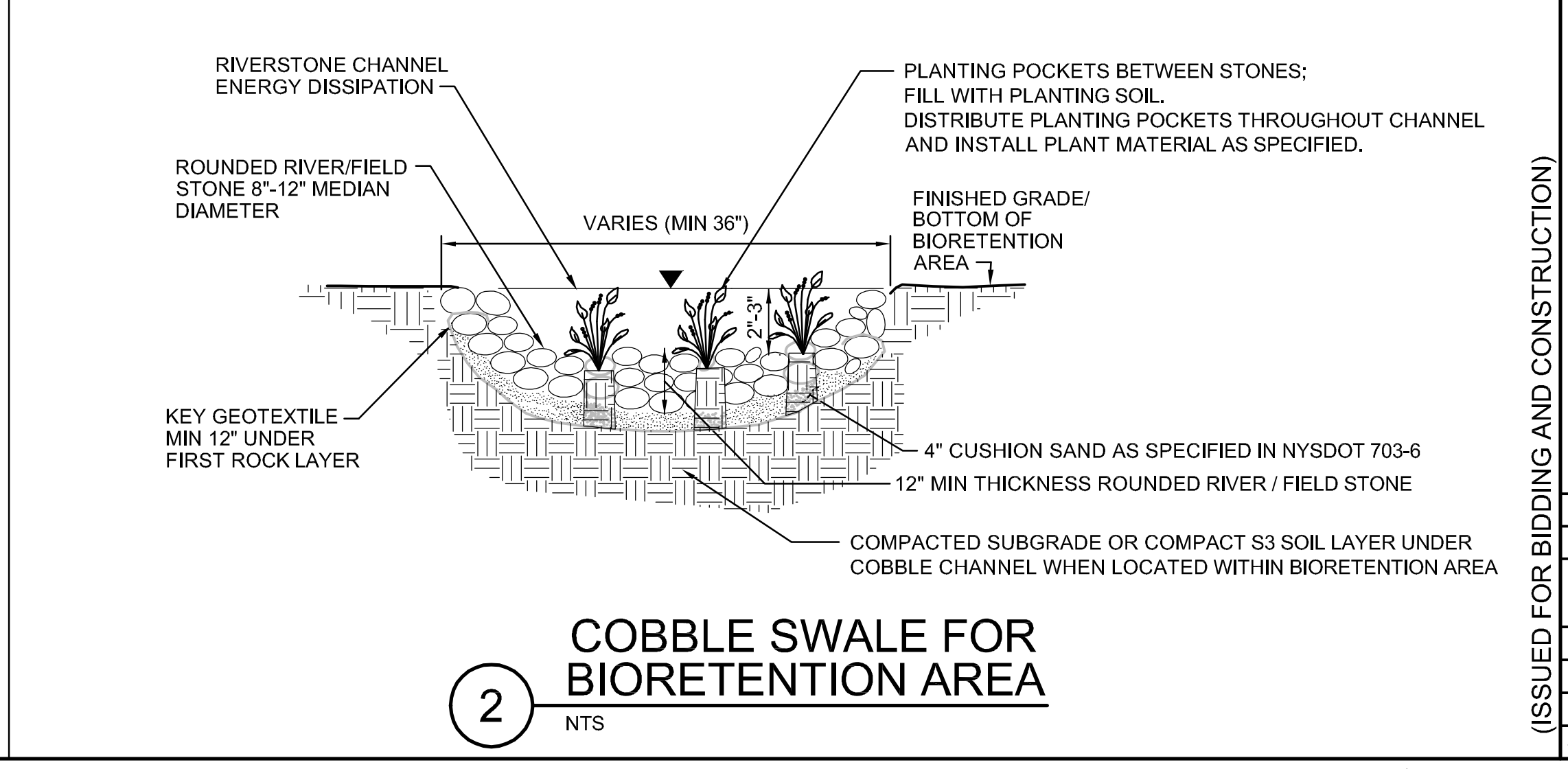
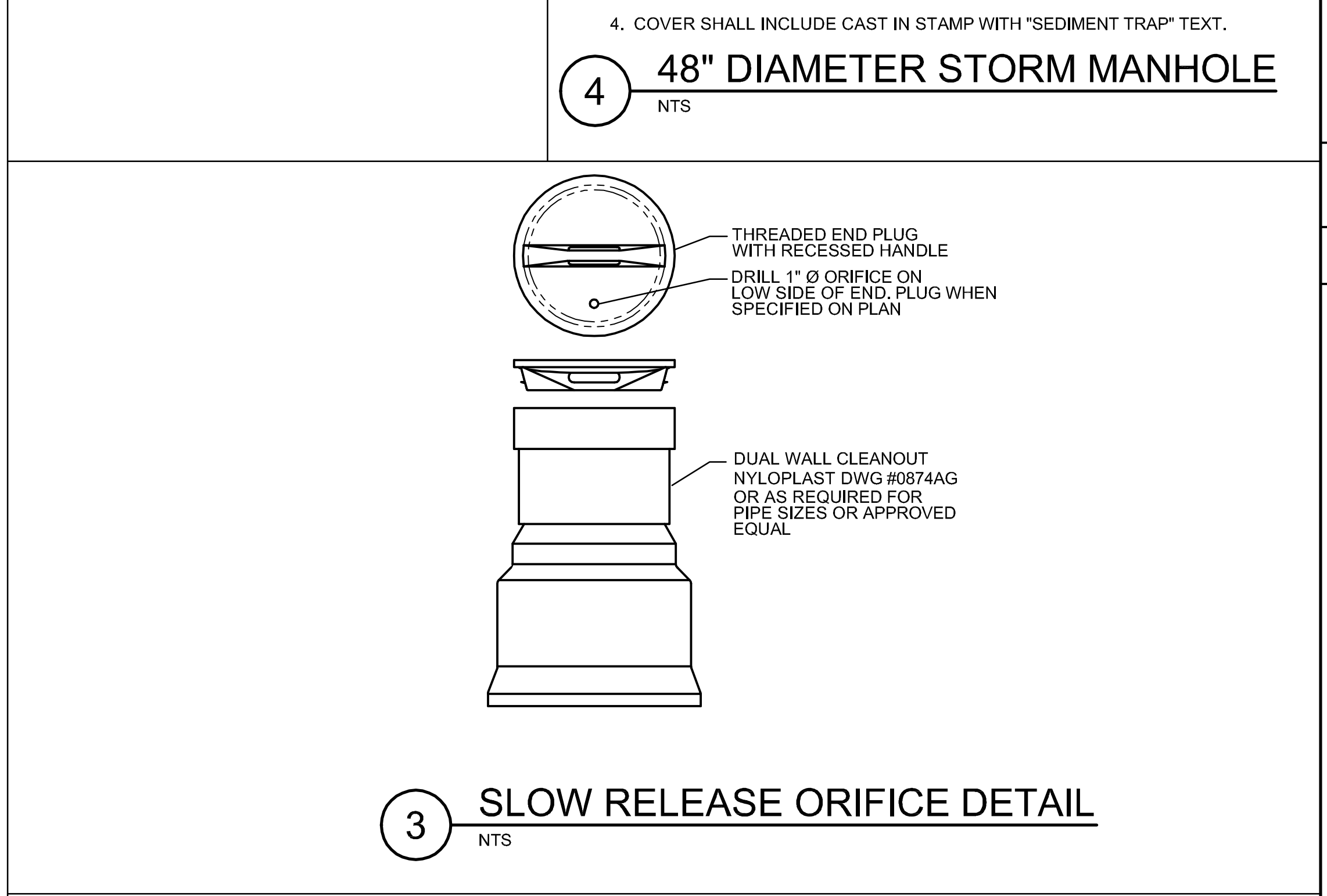
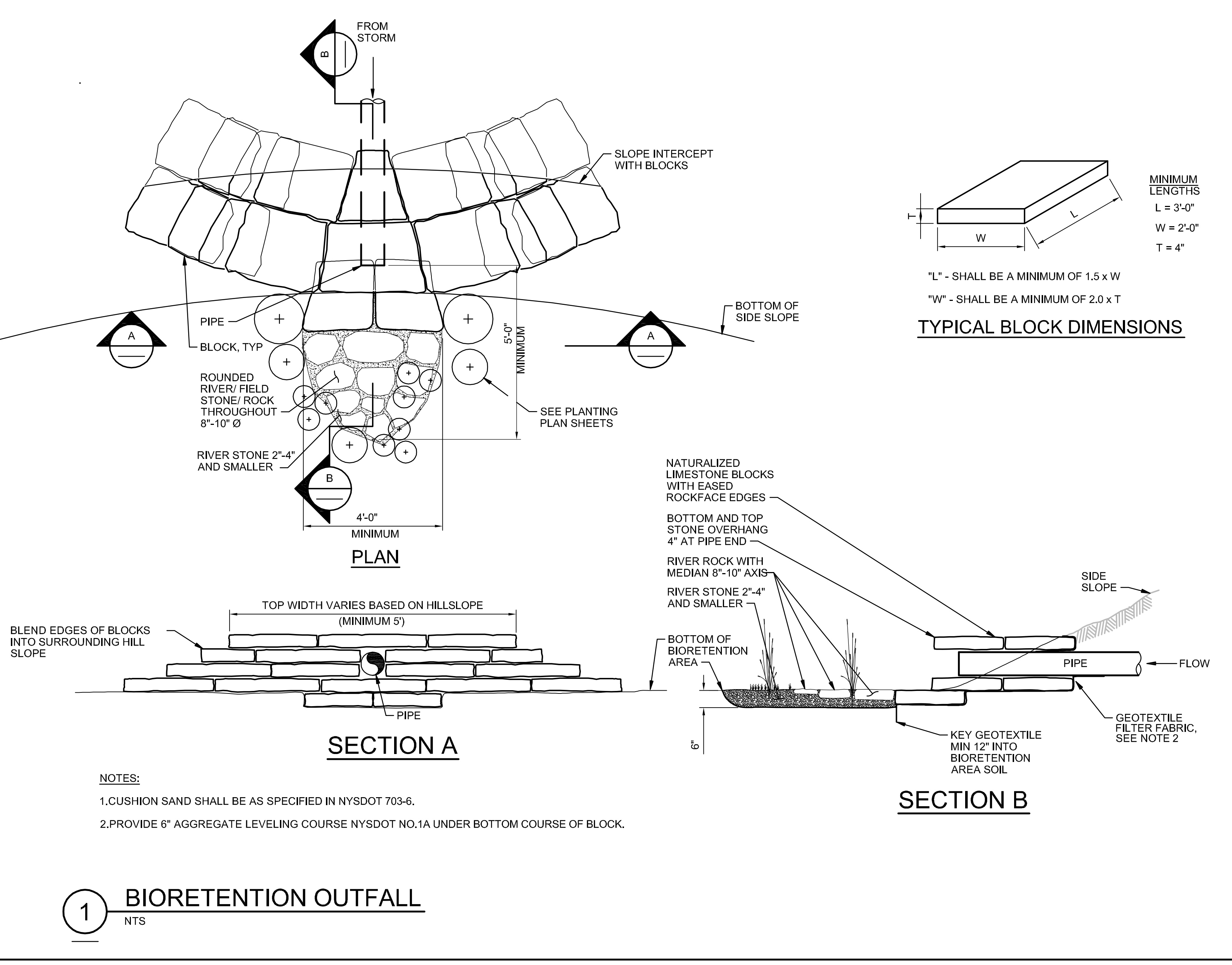
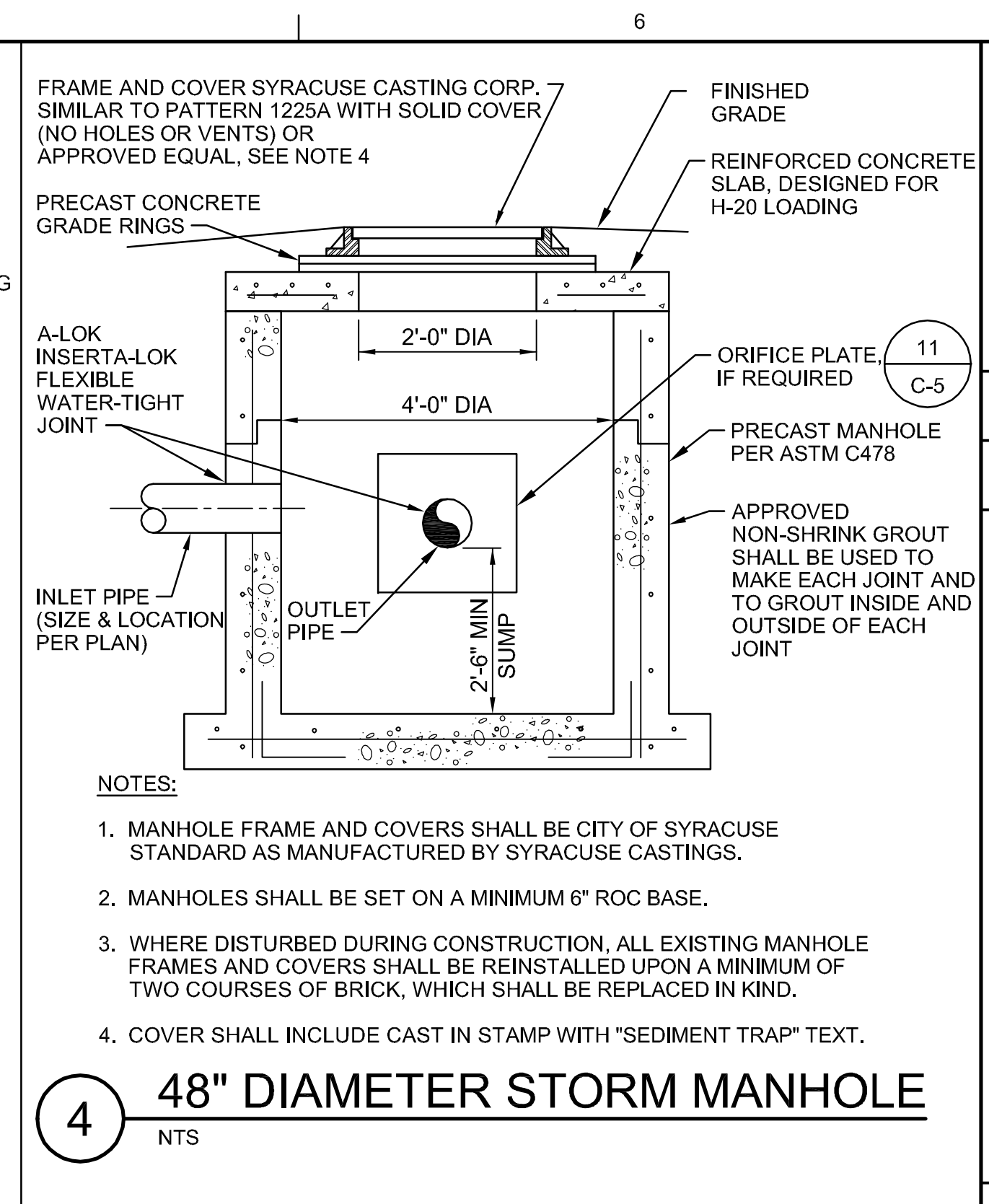
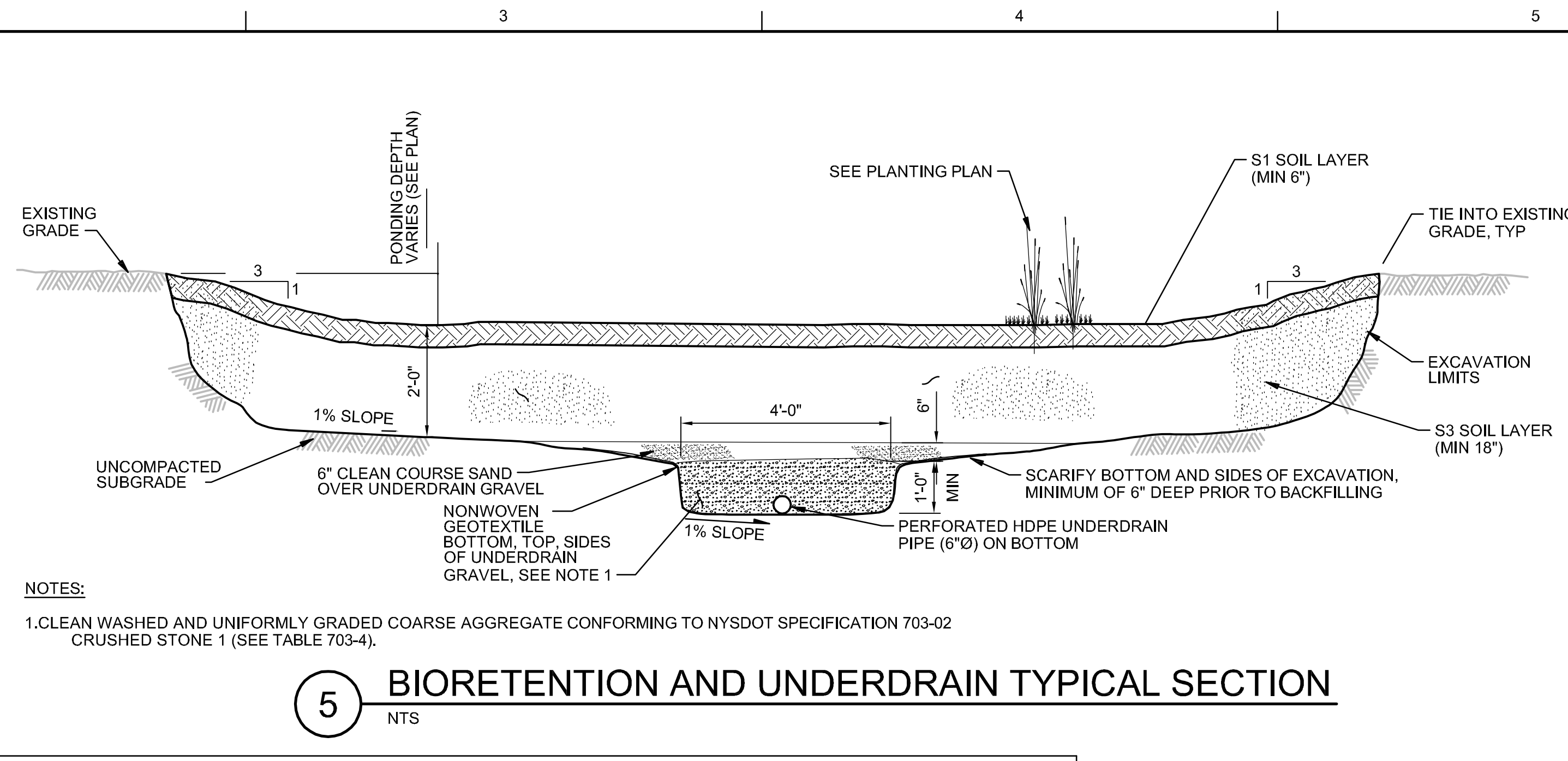
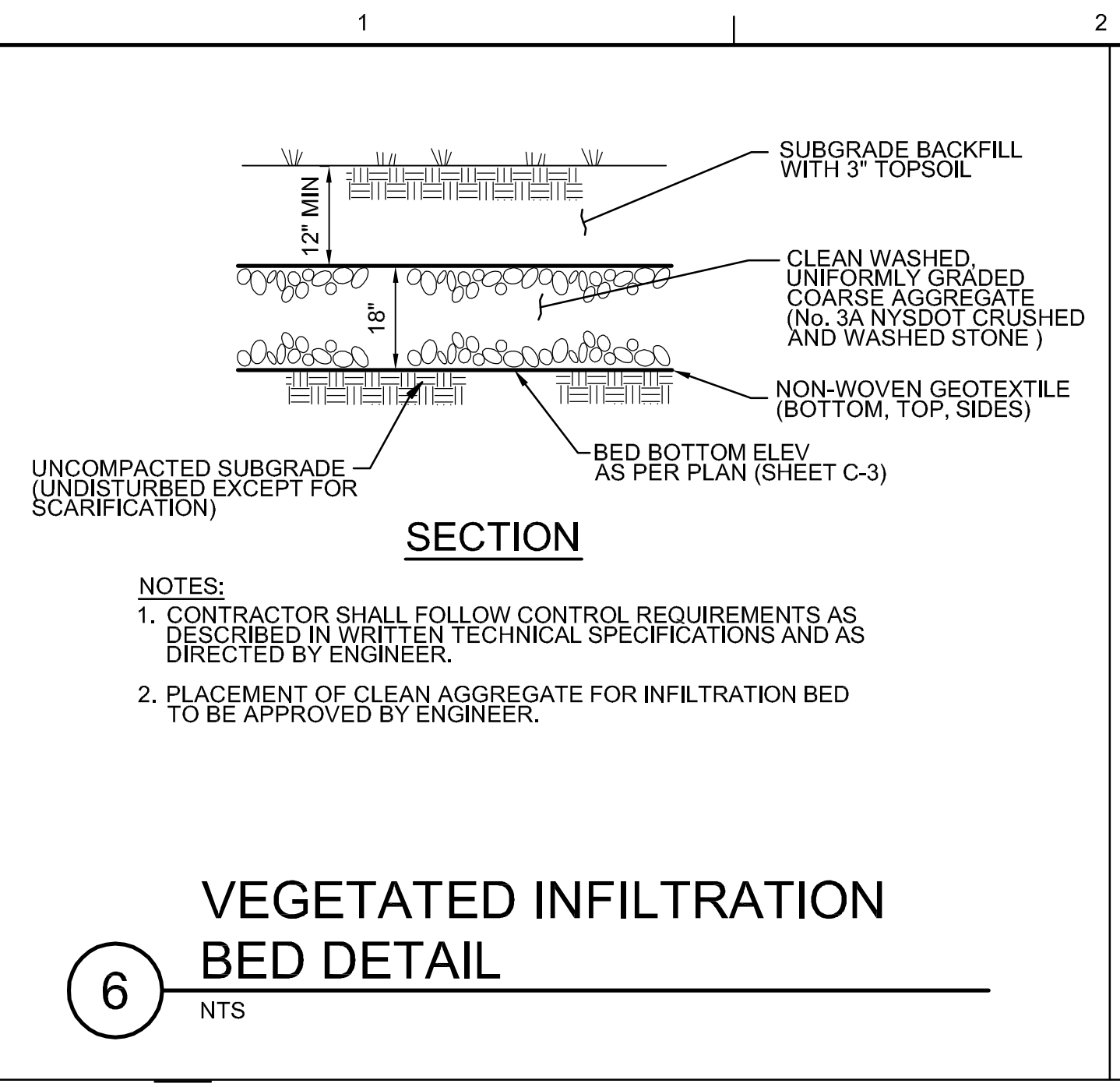
(ISSUED FOR BIDDING AND CONSTRUCTION)

DATE	JULY 2012
PROJ	381098
DWG	C-3
SHEET	7 of 13



NO.	DATE	DR	CHK	APVD	BY	APVD	
DSGN		S.MCDANIELS	T. LUEHRS	S.MCDANIELS		D. WIBLE	
430 GENESEE STREET SUITE 400 SYRACUSE NY, 13202			H-36 WADSWORTH PARK SYRACUSE, NY ONONDAGA COUNTY		CIVIL <b>DETAILS II</b>		
<b>CH2MHILL®</b>							
(ISSUED FOR BIDDING AND CONSTRUCTION)							
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING.							
DATE	JULY 2012						
PROJ	381098						
DWG	C-6						
SHEET	8 of 13						
FILENAME:	C60-C-205_381098.dwg		PLOT DATE:	\$PLOTDATE		PLOT TIME:	\$PLOTTIME





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430 GENESEE STREET  
SUITE 400  
SYRACUSE NY, 13202

H-36  
WADSWORTH PARK  
SYRACUSE, NY  
ONONDAGA COUNTY

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DETAILS III

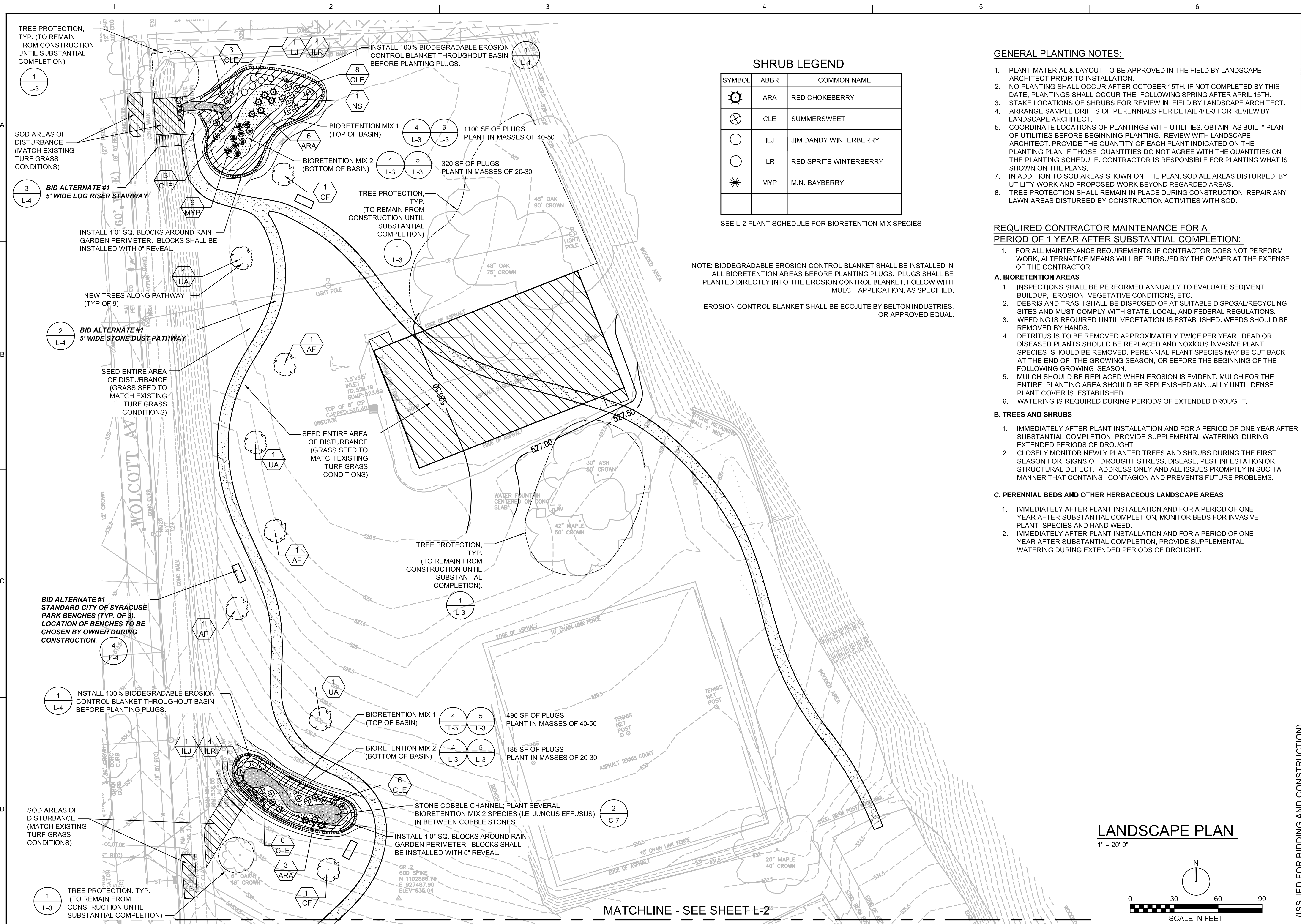
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VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.

DATE: JULY 2012  
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SHEET: 8 of 13

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**SHRUB LEGEND**

SYMBOL	ABBR	COMMON NAME
☼	ARA	RED CHOKEBERRY
⊗	CLE	SUMMERSWEET
○	ILJ	JIM DANDY WINTERBERRY
○	ILR	RED SPRITE WINTERBERRY
✱	MYP	M.N. BAYBERRY

SEE L-2 PLANT SCHEDULE FOR BIORETENTION MIX SPECIES

NOTE: BIODEGRADABLE EROSION CONTROL BLANKET SHALL BE INSTALLED IN ALL BIORETENTION AREAS BEFORE PLANTING PLUGS. PLUGS SHALL BE PLANTED DIRECTLY INTO THE EROSION CONTROL BLANKET. FOLLOW WITH MULCH APPLICATION, AS SPECIFIED.  
 EROSION CONTROL BLANKET SHALL BE ECOJUTE BY BELTON INDUSTRIES, OR APPROVED EQUAL.

**GENERAL PLANTING NOTES:**

1. PLANT MATERIAL & LAYOUT TO BE APPROVED IN THE FIELD BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. NO PLANTING SHALL OCCUR AFTER OCTOBER 15TH. IF NOT COMPLETED BY THIS DATE, PLANTINGS SHALL OCCUR THE FOLLOWING SPRING AFTER APRIL 15TH.
3. STAKE LOCATIONS OF SHRUBS FOR REVIEW IN FIELD BY LANDSCAPE ARCHITECT.
4. ARRANGE SAMPLE DRIFTS OF PERENNIALS PER DETAIL 4/L-3 FOR REVIEW BY LANDSCAPE ARCHITECT.
5. COORDINATE LOCATIONS OF PLANTINGS WITH UTILITIES. OBTAIN "AS BUILT" PLAN OF UTILITIES BEFORE BEGINNING PLANTING. REVIEW WITH LANDSCAPE ARCHITECT. PROVIDE THE QUANTITY OF EACH PLANT INDICATED ON THE PLANTING PLAN IF THOSE QUANTITIES DO NOT AGREE WITH THE QUANTITIES ON THE PLANTING SCHEDULE. CONTRACTOR IS RESPONSIBLE FOR PLANTING WHAT IS SHOWN ON THE PLANS.
7. IN ADDITION TO SOD AREAS SHOWN ON THE PLAN, SOD ALL AREAS DISTURBED BY UTILITY WORK AND PROPOSED WORK BEYOND REGARDED AREAS.
8. TREE PROTECTION SHALL REMAIN IN PLACE DURING CONSTRUCTION. REPAIR ANY LAWN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES WITH SOD.

**REQUIRED CONTRACTOR MAINTENANCE FOR A PERIOD OF 1 YEAR AFTER SUBSTANTIAL COMPLETION:**

1. FOR ALL MAINTENANCE REQUIREMENTS, IF CONTRACTOR DOES NOT PERFORM WORK, ALTERNATIVE MEANS WILL BE PURSUED BY THE OWNER AT THE EXPENSE OF THE CONTRACTOR.
- A. BIORETENTION AREAS**
1. INSPECTIONS SHALL BE PERFORMED ANNUALLY TO EVALUATE SEDIMENT BUILDUP, EROSION, VEGETATIVE CONDITIONS, ETC.
  2. DEBRIS AND TRASH SHALL BE DISPOSED OF AT SUITABLE DISPOSAL/RECYCLING SITES AND MUST COMPLY WITH STATE, LOCAL, AND FEDERAL REGULATIONS.
  3. WEEDING IS REQUIRED UNTIL VEGETATION IS ESTABLISHED. WEEDS SHOULD BE REMOVED BY HANDS.
  4. DETRITUS IS TO BE REMOVED APPROXIMATELY TWICE PER YEAR. DEAD OR DISEASED PLANTS SHOULD BE REPLACED AND NOXIOUS INVASIVE PLANT SPECIES SHOULD BE REMOVED. PERENNIAL PLANT SPECIES MAY BE CUT BACK AT THE END OF THE GROWING SEASON, OR BEFORE THE BEGINNING OF THE FOLLOWING GROWING SEASON.
  5. MULCH SHOULD BE REPLACED WHEN EROSION IS EVIDENT. MULCH FOR THE ENTIRE PLANTING AREA SHOULD BE REPLISHED ANNUALLY UNTIL DENSE PLANT COVER IS ESTABLISHED.
  6. WATERING IS REQUIRED DURING PERIODS OF EXTENDED DROUGHT.
- B. TREES AND SHRUBS**
1. IMMEDIATELY AFTER PLANT INSTALLATION AND FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION, PROVIDE SUPPLEMENTAL WATERING DURING EXTENDED PERIODS OF DROUGHT.
  2. CLOSELY MONITOR NEWLY PLANTED TREES AND SHRUBS DURING THE FIRST SEASON FOR SIGNS OF DROUGHT STRESS, DISEASE, PEST INFESTATION OR STRUCTURAL DEFECT. ADDRESS ONLY AND ALL ISSUES PROMPTLY IN SUCH A MANNER THAT CONTAINS CONTAGION AND PREVENTS FUTURE PROBLEMS.
- C. PERENNIAL BEDS AND OTHER HERBACEOUS LANDSCAPE AREAS**
1. IMMEDIATELY AFTER PLANT INSTALLATION AND FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION, MONITOR BEDS FOR INVASIVE PLANT SPECIES AND HAND WEED.
  2. IMMEDIATELY AFTER PLANT INSTALLATION AND FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION, PROVIDE SUPPLEMENTAL WATERING DURING EXTENDED PERIODS OF DROUGHT.



NO.	DATE	DR	CHK	BY	APVD
		L. ROMINGER	T. LUEHRS	J. PAUL	J. PAUL

430 GENESEE STREET  
 SUITE 400  
 SYRACUSE NY, 13202

H-36  
 WADSWORTH PARK  
 SYRACUSE, NY  
 ONONDAGA COUNTY

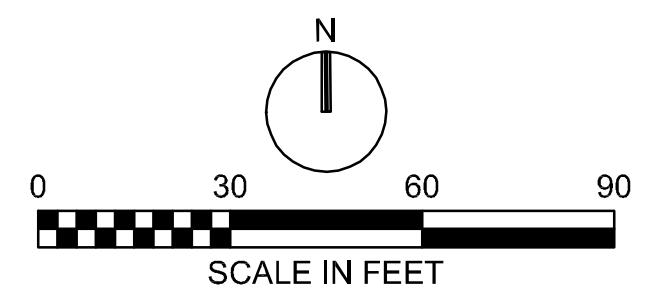
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LANDSCAPE PLAN - NORTH

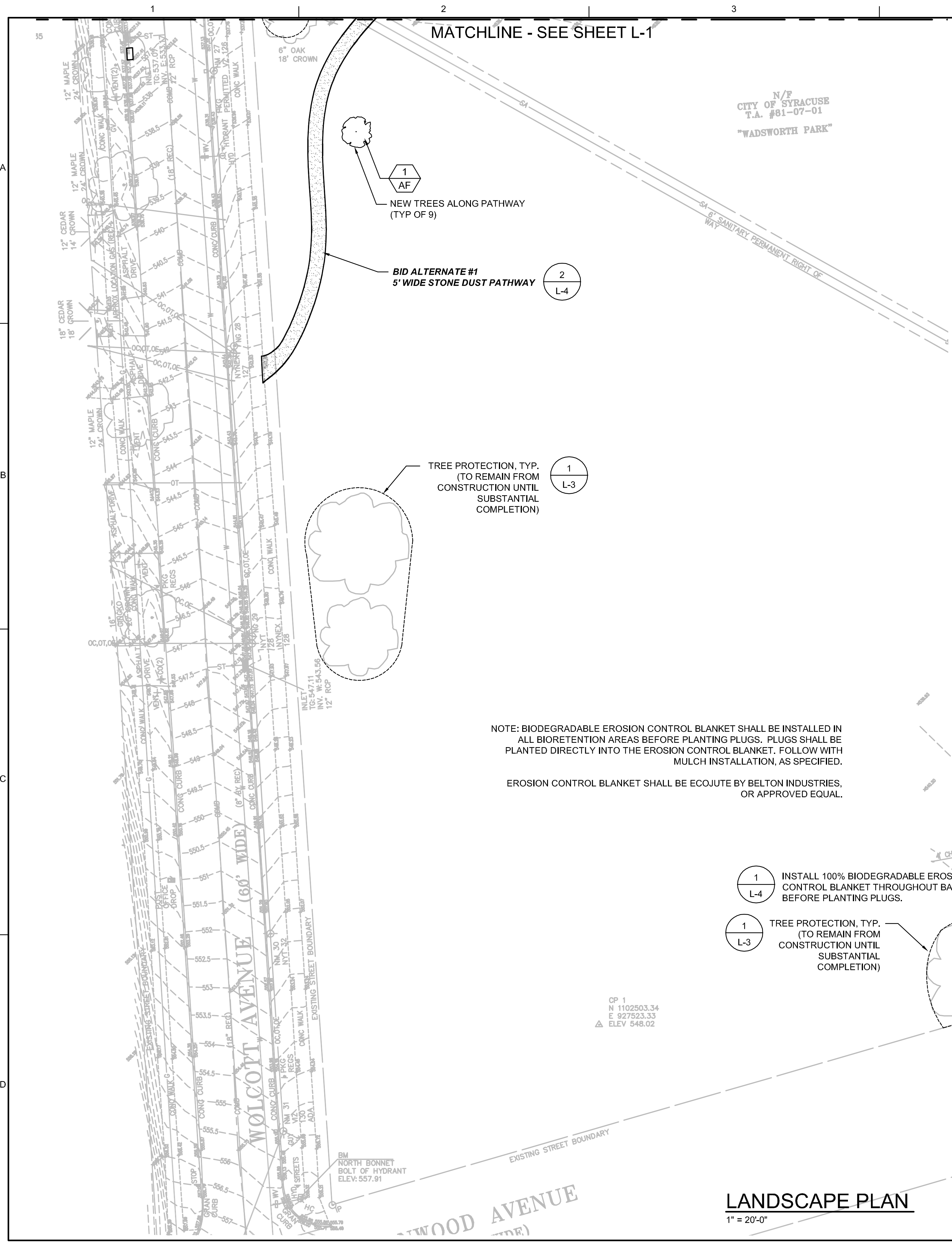
VERIFY SCALE  
 BAR IS ONE INCH ON ORIGINAL DRAWING.

DATE: JULY 2012  
 PROJ: 381098  
 DWG: L-1  
 SHEET: 10 of 13

**LANDSCAPE PLAN**  
 1" = 20'-0"



MATCHLINE - SEE SHEET L-2

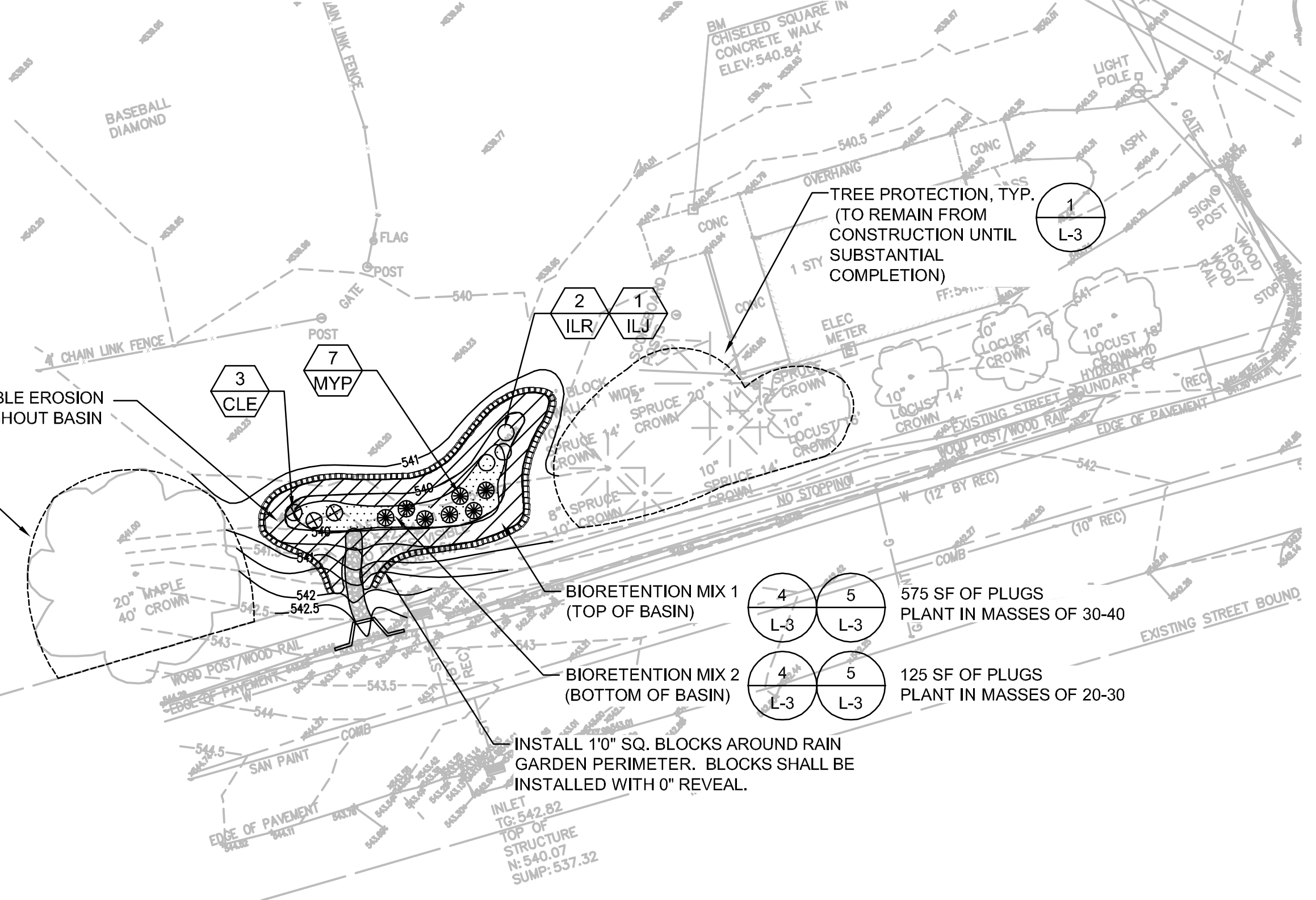


### PLANT SCHEDULE FOR WADSWORTH PARK

SYMBOL	KEY	QTY.	BOTANICAL NAME	COMMON NAME	SPACING	SIZE	NOTES
<b>TREES</b>							
NS	1	1	<i>Nyssa sylvatica</i>	Black Gum	As Shown	MIN. 2" B & B	Plant in Bioretention Basin, Spring Planting Only
AF	4	4	<i>Acer freemanii</i> 'Jeffersred'	Autumn Blaze Maple	As Shown	MIN. 2" B & B	<b>Bid Alternate #1</b>
CF	3	3	<i>Cornus florida</i> 'Rubra'	Flowering Dogwood	As Shown	MIN. 2" B & B	<b>Bid Alternate #1</b>
UA	2	2	<i>Ulmus americana</i> 'Valley Forge'	Valley Forge American Elm	As Shown	MIN. 2" B & B	<b>Bid Alternate #1</b>
<b>SHRUBS</b>							
ARA	9	9	<i>Aronia arbutifolia</i> 'Brilliantissima'	Red Chokeberry	As Shown	#3 CONT.	
CLE	29	29	<i>Clethra alnifolia</i>	Summersweet	As Shown	#3 CONT.	
ILJ	3	3	<i>Ilex verticillata</i> 'Jim Dandy'	Jim Dandy Winterberry	As Shown	#3 CONT.	Male pollinator
ILR	10	10	<i>Ilex verticillata</i> 'Red Sprite'	Red Sprite Winterberry	As Shown	#3 CONT.	
MYP	16	16	<i>Myrica pensylvanica</i> 'Morton'	Morton Northern Bayberry	As Shown	#3 CONT.	
<b>BIORETENTION MIX 1 - TOP OF BASIN</b>							
AST	235	235	<i>Asclepias tuberosa</i>	Butterfly Milkweed	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
ASN	235	235	<i>Aster novae-angliae</i> 'Purple Dome'	Purple Dome New England Aster	12" O.C.	50 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
CHA	235	235	<i>Chasanthium latifolium</i>	Northern Sea Oats	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
ECH	235	235	<i>Echinacea purpurea</i>	Purple Coneflower	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
LIS	235	235	<i>Liatris spicata</i>	Dense Blazing Star	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
PED	235	235	<i>Penstemon digitalis</i> 'Husker Red'	Foxglove Beardtongue	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
RFG	235	235	<i>Rudbeckia fulgida</i> 'Goldsturm'	Goldsturm Black Eyed Susan	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
SOL	235	235	<i>Solidago sempervirens</i>	Seaside Goldenrod	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, TOP OF BASIN ONLY
SHT	235	235	<i>Sporobolus heterolepis</i> 'Tara'	Tara Prairie Dropseed	12" O.C.	1 GAL	PLANT IN MASSES, TOP OF BASIN ONLY
<b>BIORETENTION MIX 2 - BOTTOM OF BASIN</b>							
ASI	165	165	<i>Asclepias incarnata</i>	Swamp Milkweed	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, BOTTOM OF BASIN ONLY
CAS	165	165	<i>Carex stricta</i>	Tussock Sedge	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, BOTTOM OF BASIN ONLY
IRV	165	165	<i>Iris versicolor</i>	Blue Flag Iris	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, BOTTOM OF BASIN ONLY
JUE	165	165	<i>Juncus effusus</i>	Soft Rush	12" O.C.	DP 38 PLUGS	PLANT IN MASSES, BOTTOM OF BASIN ONLY

SOD SPECIES: REPLACE ALL SOD TO MATCH EXISTING CONDITIONS.  
 GRASS SEED: SEED AREA OF DISTURBANCE TO MATCH EXISTING CONDITIONS.  
 FOR ALL AREAS OF DISTURBANCE RECEIVING NEW SOD AND/OR GRASS SEED, THERE SHOULD FIRST BE AN APPLICATION OF 3" OF SOIL CONDITIONER WORKED INTO THE TOP 6" OF EXISTING SOIL, PRIOR TO INSTALLING NEW SOD OR GRASS SEED.

- 1 L-4 INSTALL 100% BIODEGRADABLE EROSION CONTROL BLANKET THROUGHOUT BASIN BEFORE PLANTING PLUGS.
- 1 L-3 TREE PROTECTION, TYP. (TO REMAIN FROM CONSTRUCTION UNTIL SUBSTANTIAL COMPLETION)



NO.	DATE	BY	APVD
			J. PAUL
			J. PAUL
			J. PAUL
			J. PAUL
			J. PAUL

430 GENESEE STREET  
 SUITE 400  
 SYRACUSE NY, 13202

H-36  
 WADSWORTH PARK  
 SYRACUSE, NY  
 ONONDAGA COUNTY

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LANDSCAPE PLAN - SOUTH

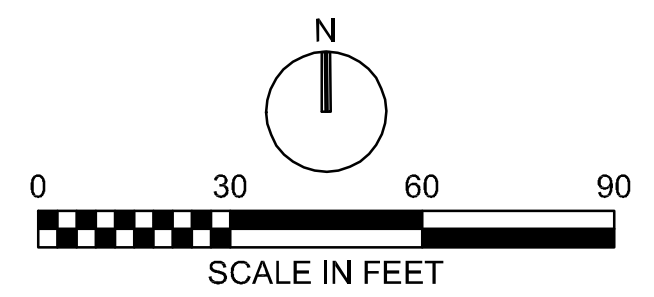
LANDSCAPE

ISSUED FOR BIDDING AND CONSTRUCTION

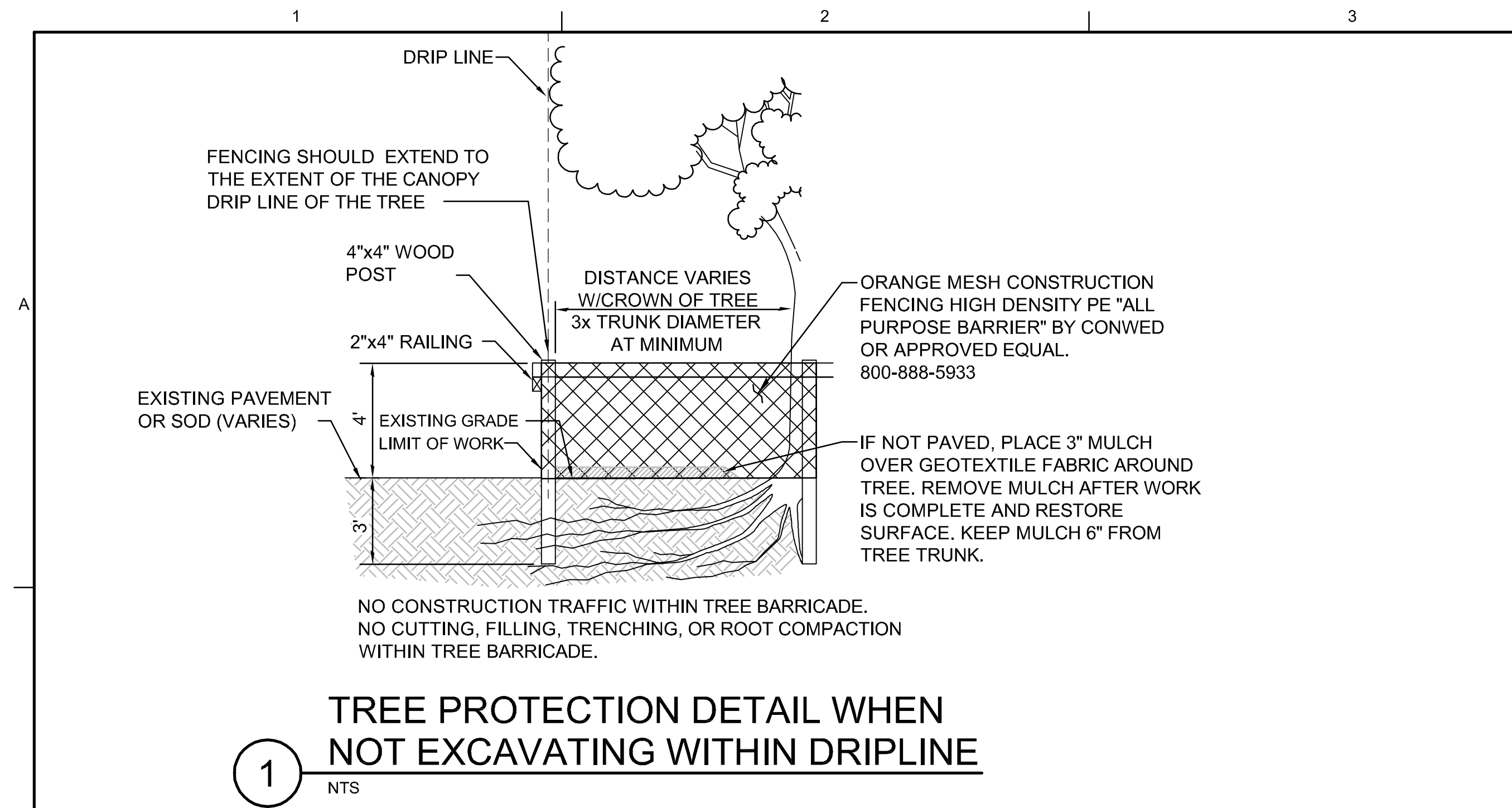
VERIFY SCALE

BAR IS ONE INCH ON ORIGINAL DRAWING.

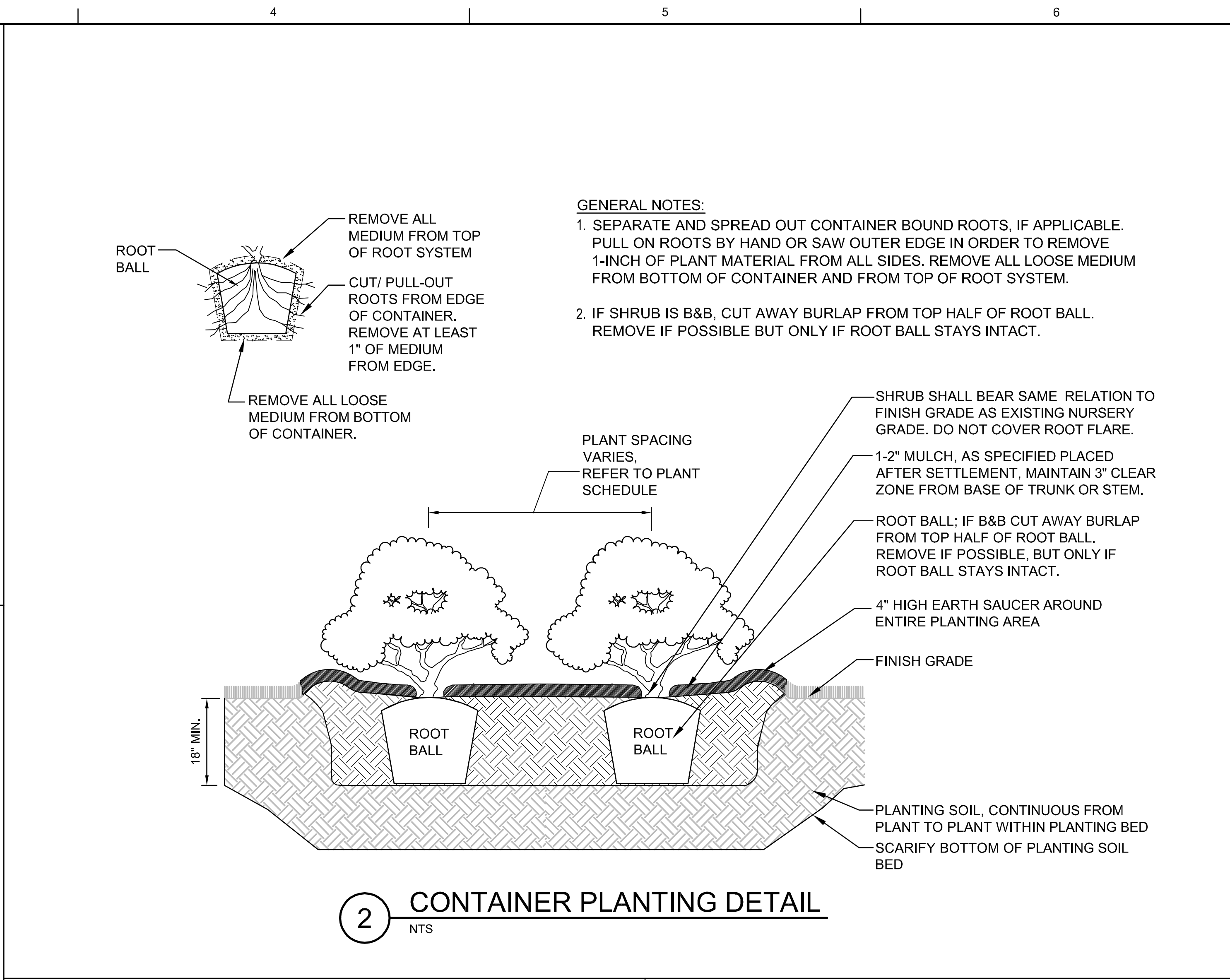
DATE: JULY 2012  
 PROJ: 381098  
 DWG: L-2  
 SHEET: 11 of 13



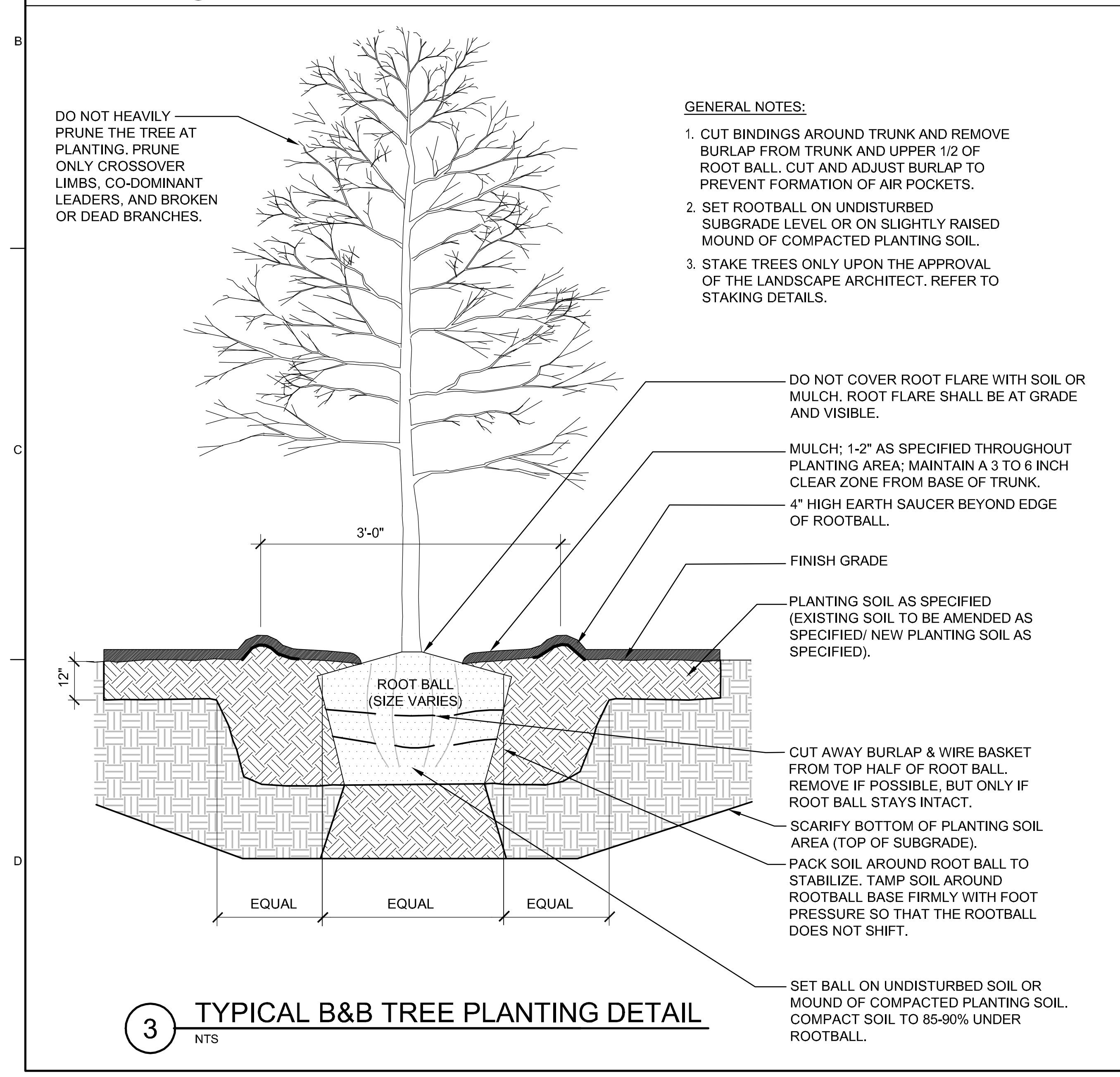
### LANDSCAPE PLAN 1" = 20'-0"



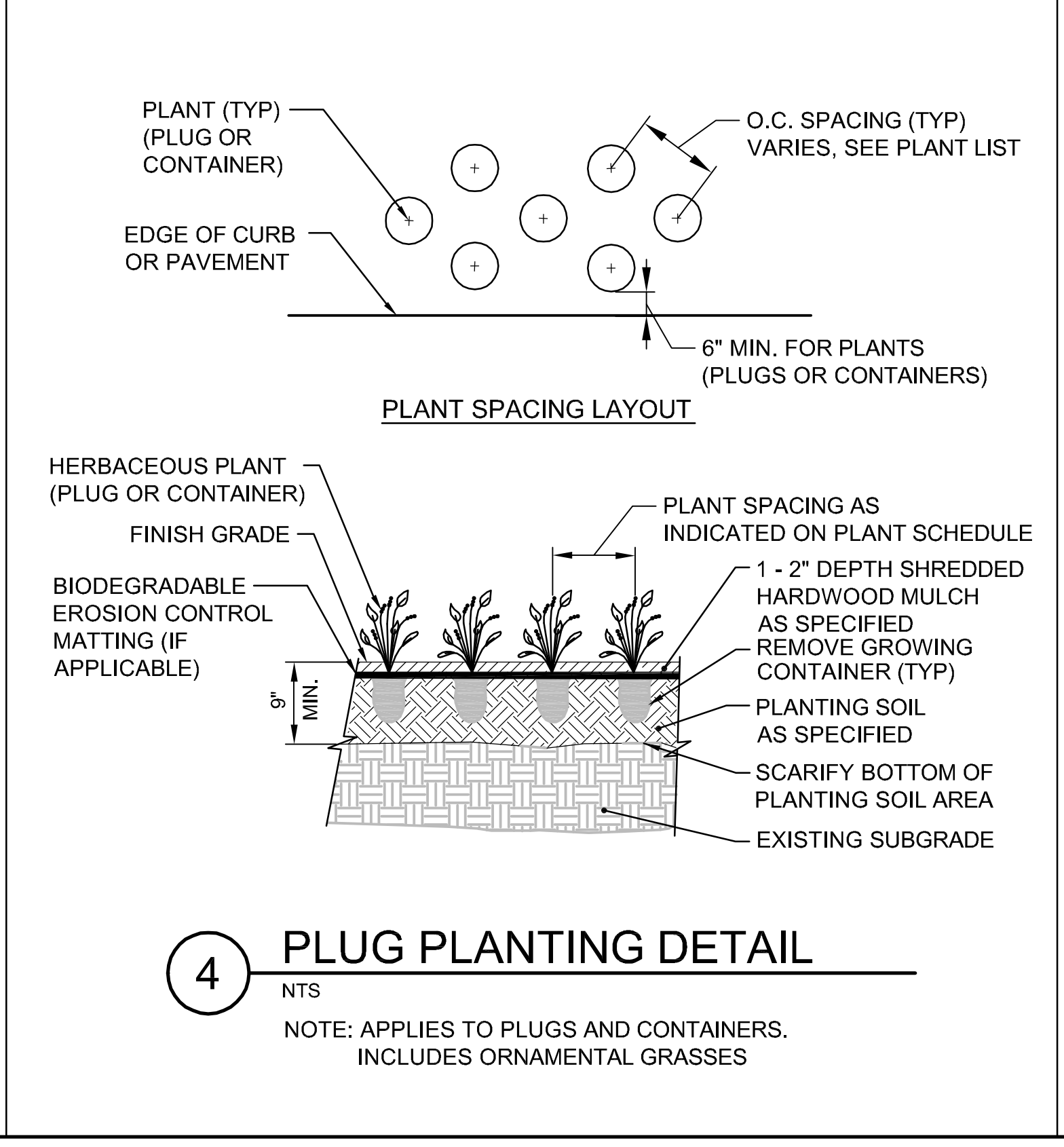
1 TREE PROTECTION DETAIL WHEN NOT EXCAVATING WITHIN DRILINE  
NTS



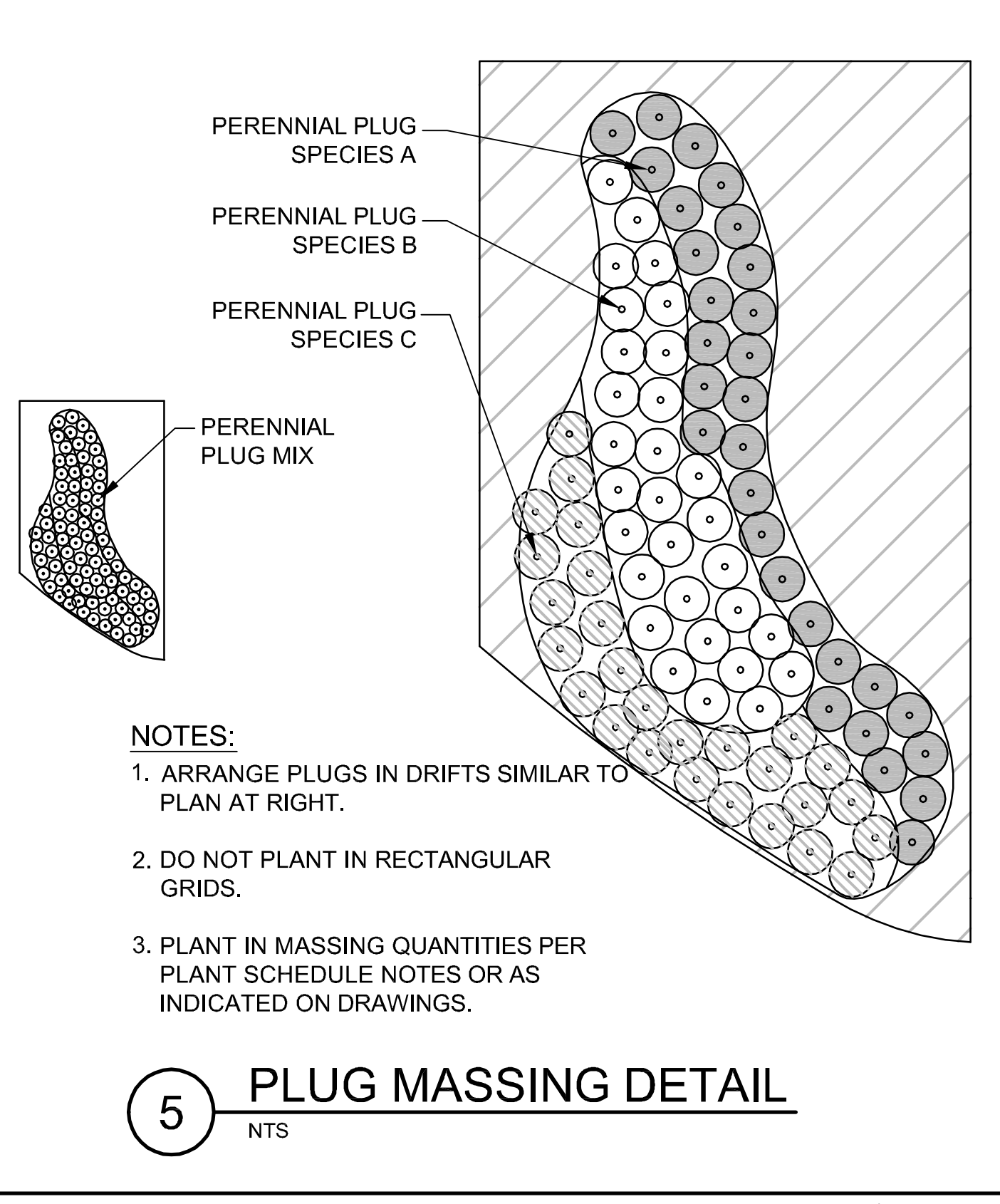
2 CONTAINER PLANTING DETAIL  
NTS



3 TYPICAL B&B TREE PLANTING DETAIL  
NTS



4 PLUG PLANTING DETAIL  
NTS  
NOTE: APPLIES TO PLUGS AND CONTAINERS. INCLUDES ORNAMENTAL GRASSES



5 PLUG MASSING DETAIL  
NTS

REGISTERED LANDSCAPE ARCHITECT  
MADE L. PAUL  
No. 002293-1  
STATE OF NEW YORK

NO.	DATE	REVISION	BY	APVD
			J. PAUL	J. PAUL
		CHK	J. PAUL	J. PAUL
		DR	L. ROMINGER	
		DSCR		

430 GENESEE STREET  
SUITE 400  
SYRACUSE NY, 13202

H-36  
WADSWORTH PARK  
SYRACUSE, NY  
ONONDAGA COUNTY

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LANDSCAPE  
LANDSCAPING DETAILS I

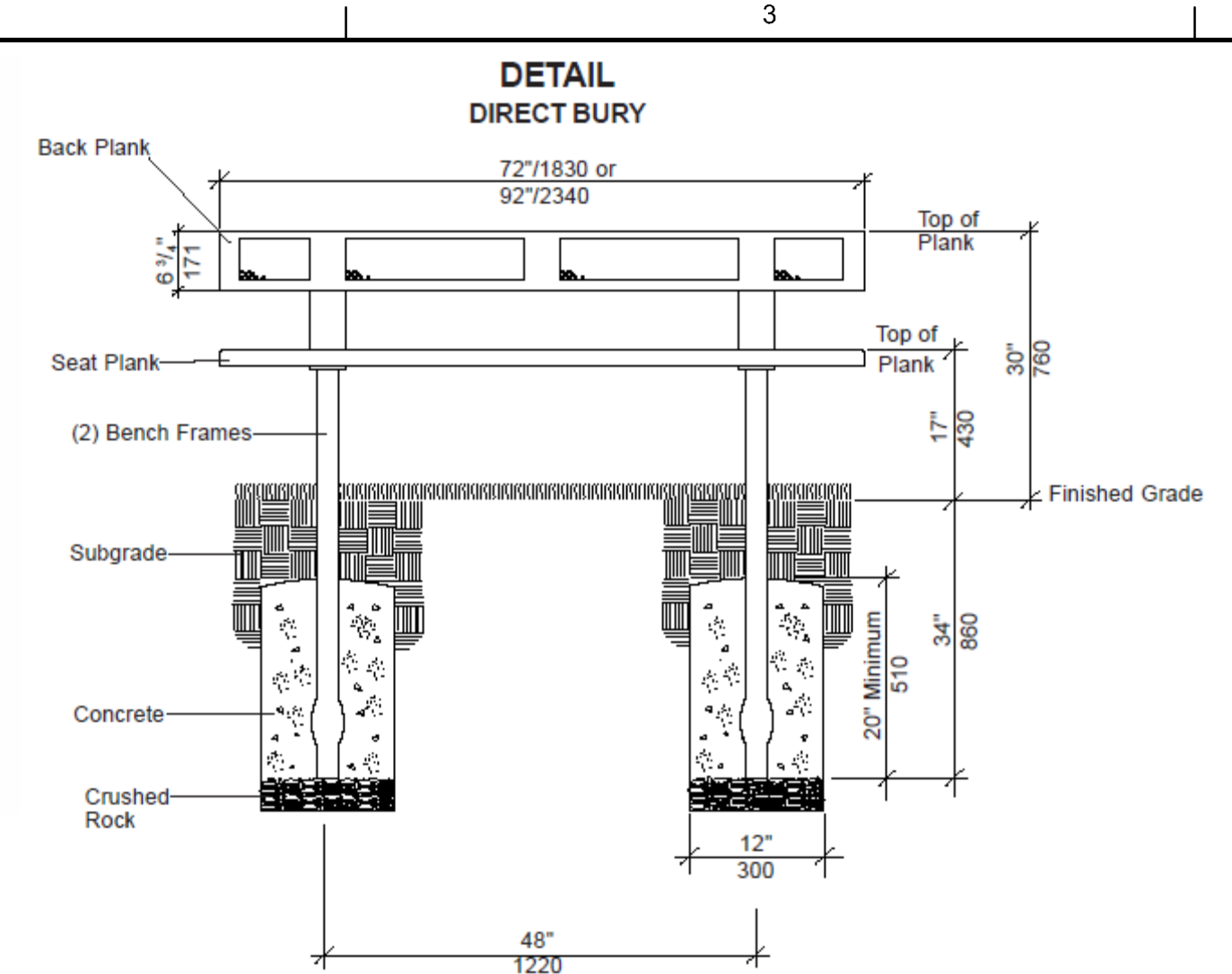
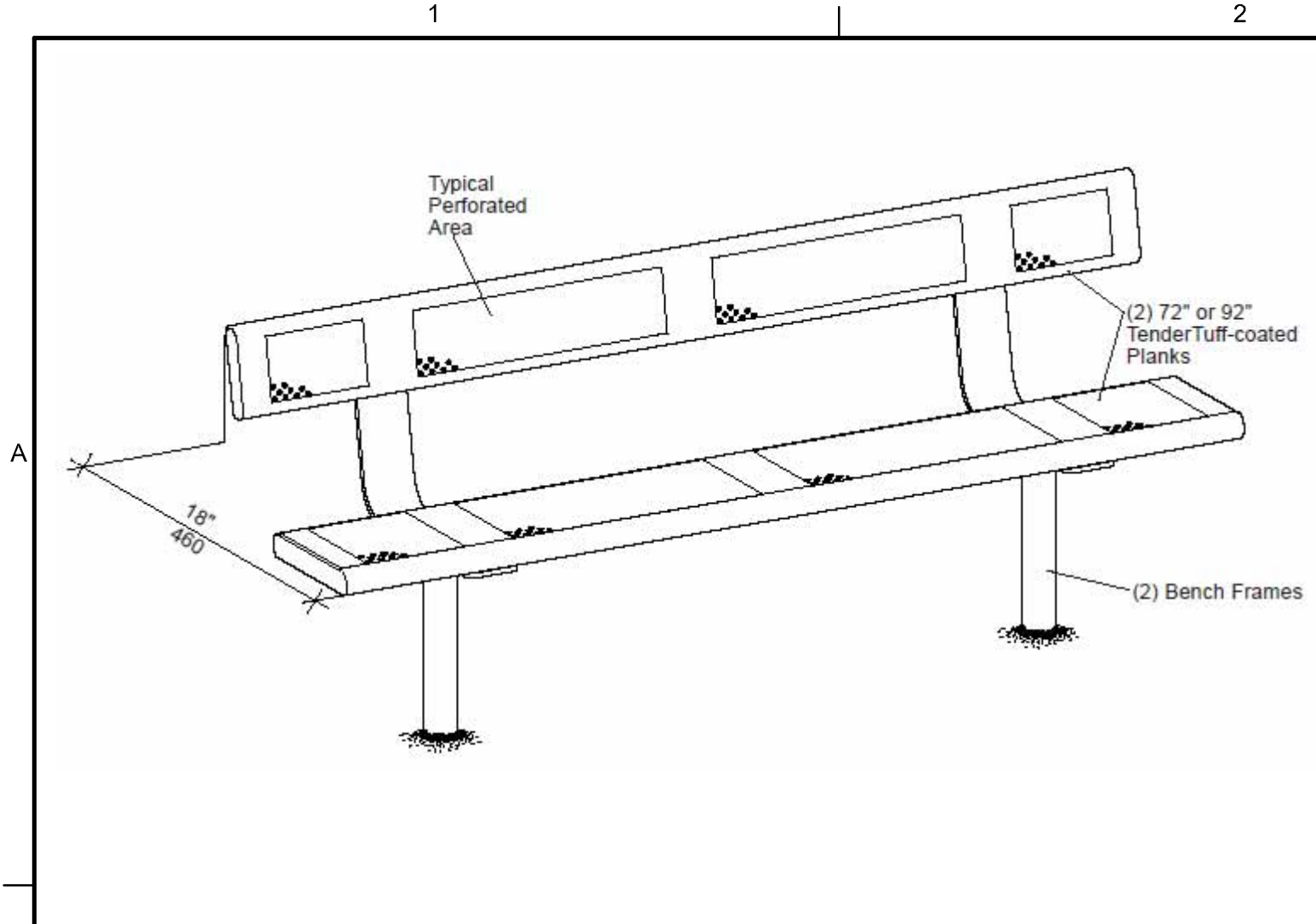
ISSUED FOR BIDDING AND CONSTRUCTION

VERIFY SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING.  
0 1" = 1'-0"

DATE	JULY 2012
PROJ	381098
DWG	L-3
SHEET	12 of 13

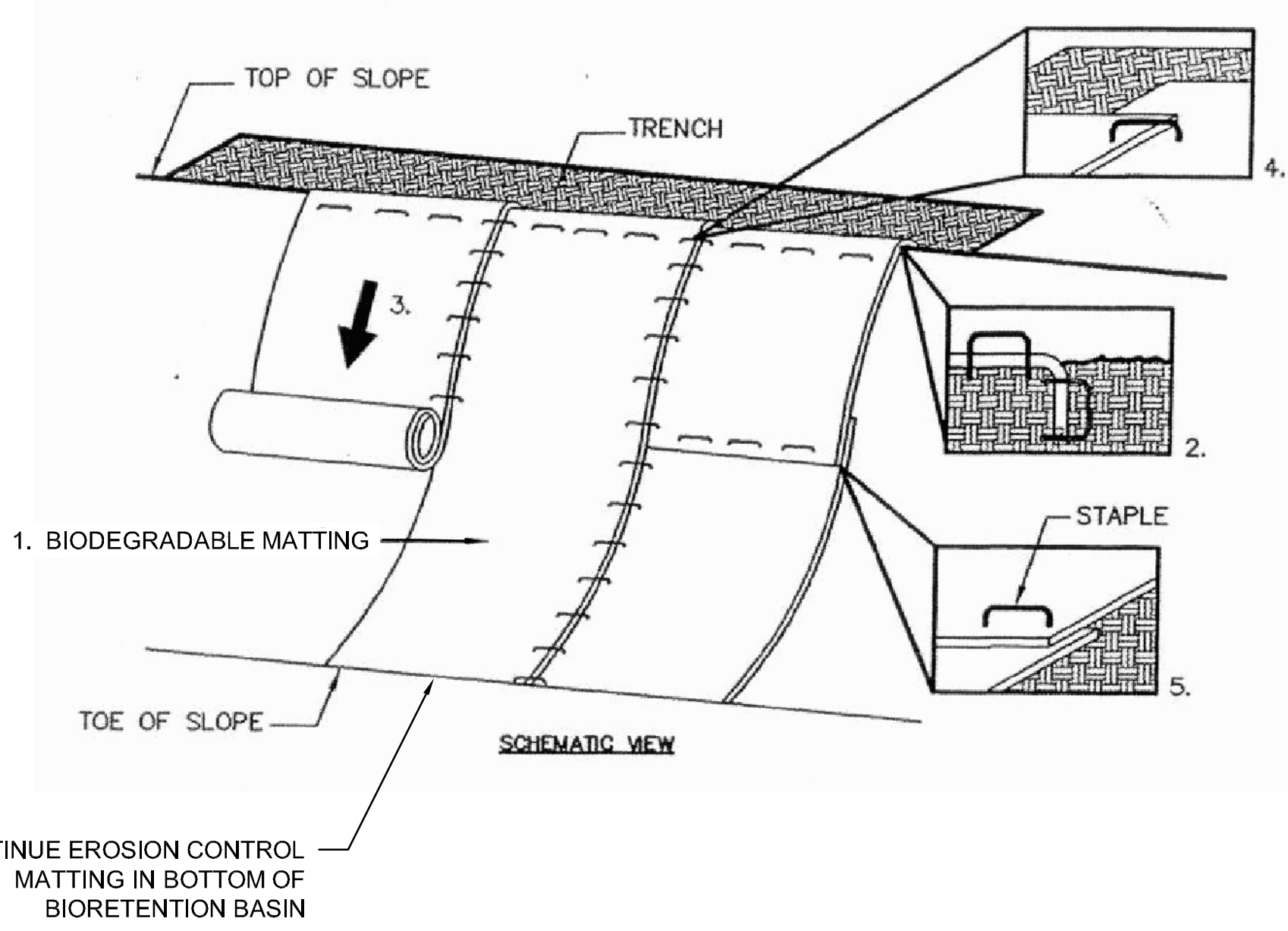
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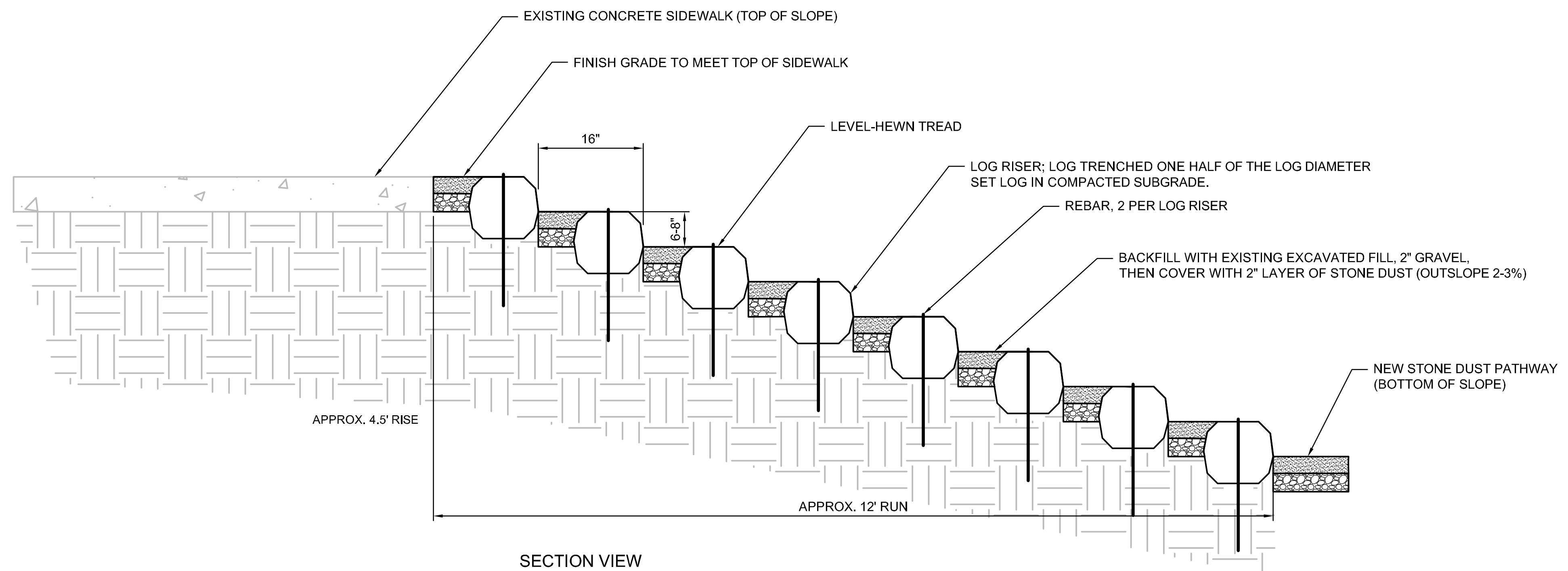
- NOTES**
- INSTALL IN LOCATIONS AS NOTED ON THE PLANS.
  - TO BE MANUFACTURED BY LANDSCAPE STRUCTURES OR APPROVED EQUAL.

**4 BACKED BENCHES**  
 NTS

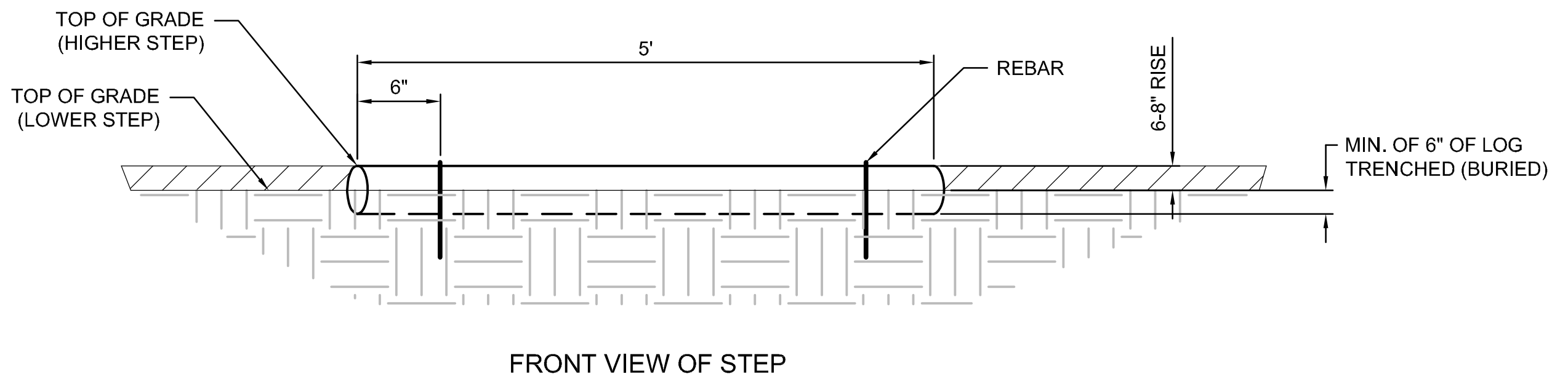


- NOTES:**
- PREPARE SOIL BEFORE INSTALLING BLANKETS. DO NOT COMPACT.
  - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP x 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
  - ROLL THE BLANKETS DOWN THE SLOPE IN THE DIRECTION OF THE WATER FLOW.
  - THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" - 6" OVERLAP.
  - WHEN BLANKETS MUST BE SPLICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 18" APART.
  - REFER TO MANUFACTURER'S SPECIFICATIONS FOR STAPLE PATTERN AND SPECIFIC INSTALLATION REQUIREMENTS.
  - PLANT PLUGS THROUGH THE FABRIC AFTER MATTING HAS BEEN INSTALLED. FOLLOW WITH MULCH INSTALLATION.
  - ACCEPTABLE PRODUCTS: BELTON INDUSTRIES ECOJUTE, OR APPROVED EQUAL.

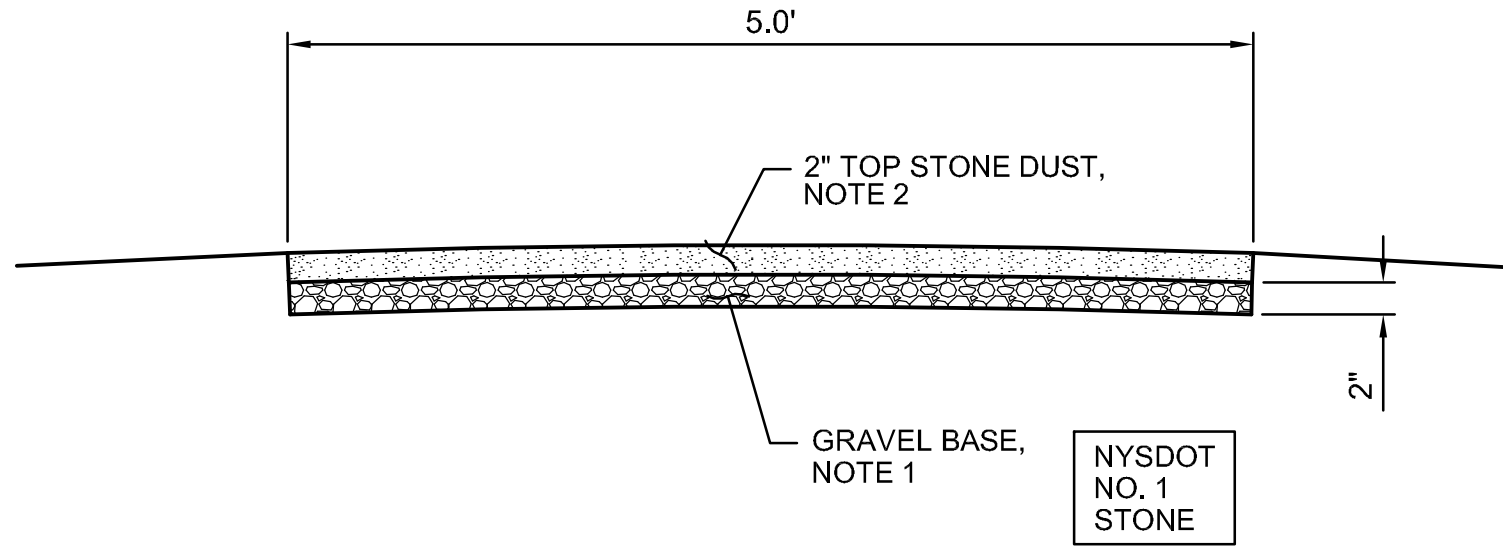
**1 BIODEGRADABLE EROSION CONTROL MATTING (FOR BIORETENTION BASINS)**  
 NTS



NOTE: LOG DIAMETER TO BE MINIMUM OF 12"



**3 LOG RISER STAIRWAY (BID ALTERNATE #1)**  
 NTS



- NOTE:**
- REMOVE ALL GRASS, WEED AND OTHER PLANT MATERIAL PRIOR TO INSTALLING SUBBASE.
  - STONE DUST AS SPECIFIED BY CITY OF SYRACUSE DEPARTMENT OF PARKS.

**2 STONE DUST PATHWAY (BID ALTERNATE #1)**  
 NTS



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BY	J. PAUL
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 LANDSCAPING DETAILS II

(ISSUED FOR BIDDING AND CONSTRUCTION)

VERIFY SCALE	DATE	JULY 2012
BAR IS ONE INCH ON ORIGINAL DRAWING.	PROJ	381098
0 1 2'	DWG	L-4
	SHEET	13 of 13