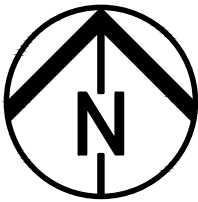
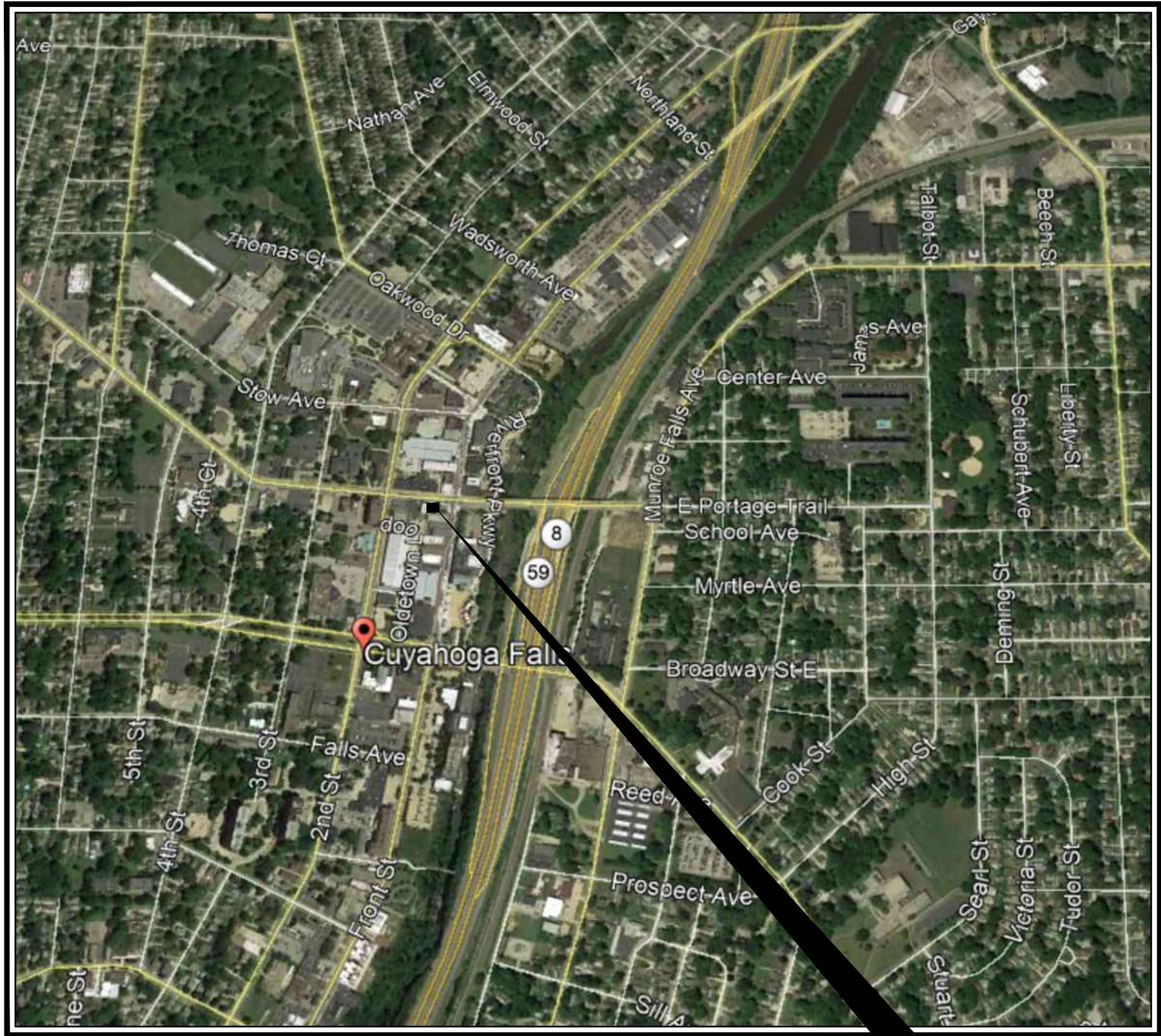


City of Cuyahoga Falls PORTAGE TRAIL SERVICE ACCESS DRIVE

SUMMIT COUNTY, OHIO
City of Cuyahoga Falls
ISSUED: 2020/05/21

SITE PLAN LEGEND

EXISTING	PROPOSED	
		CENTERLINE/BASELINE CONSTRUCTION
		PROPERTY LINE
		RIGHT OF WAY
		EASEMENT
		TEMPORARY RIGHT OF WAY
		SWALE
		CONTOUR
		STORM SEWER
		SANITARY SEWER
		WATER LINE
		WATER SERVICE
		GAS LINE
		ELECTRIC LINE, UNDERGROUND
		TELEPHONE LINE, UNDERGROUND
		FIBER OPTIC LINE, UNDERGROUND
		CABLE LINE, UNDERGROUND
		CATCH BASIN, MANHOLE
		MANHOLE ADJUSTED TO GRADE
		HYDRANT, HYDRANT ASSEMBLY
		VALVE, WV=WATER VALVE GV=GAS VALVE
		METER, E=ELECTRIC, G=GAS, W=WATER
		ELECTRIC CABINET, PULL BOX, PEDESTAL, MANHOLE
		TELEPHONE MANHOLE, UTILITY MARKER
		POWER POLE, TELEPHONE POLE, COMBINATION POLE, LIGHT POLE
		IRON PIN/PIPE FOUND, IRON PIN SET
		MONUMENT BOX
		SIGN
		MAILBOX
		FLAG POLE, DECORATIVE/YARD LIGHT
		TREE, SHRUB LINE, TREE REMOVED, TREE LIMBED AND ROOT PRUNED
		BASEMENT ELEVATION



LOCATION MAP

PROJECT LOCATION

2180 FRONT STREET,
CUYAHOGA FALLS

INDEX OF DRAWINGS

TITLE PAGE	1
GENERAL NOTES	2
EXISTING CONDITIONS AND DEMOLITION PLAN	3
LAYOUT, GRADING & LANDSCAPE PLAN	4
CONSTRUCTION DETAILS	5

PLANS PREPARED AND RECOMMENDED BY:



REVISED:

SET NO. _____



Know what's below.
Call before you dig.

PROJ. NUMBER	19-00316-010	TITLE PAGE	SHEET
DESIGNED BY:	RB		1 of 5
DRAWN BY:	RB		
FILE NO.	ZTITLE 19-00316-010.dwg		

2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THESE PLAN BID DOCUMENTS SHALL GOVERN THIS IMPROVEMENT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE CITY ENGINEER AND/OR HIS REPRESENTATIVES.

ALL ITEM NUMBERS REFER TO THE 2019 STATE OF OHIO, DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS. ALL EQUIPMENT, MATERIAL AND WORKMANSHIP SHALL BE PERFORMED ACCORDING TO THESE SPECIFICATIONS AND THE REFERENCED OHIO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS NOTED ON THE TITLE SHEET.

GENERAL

GENERAL MATERIAL STORAGE/EQUIPMENT STORAGE
THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE APPROPRIATE EQUIPMENT AND MATERIAL STORAGE AREA TO SUIT HIS NEEDS.

MATERIAL TESTING AND PERMITS
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL TESTING. MATERIAL TESTING IS REQUIRED FOR ASPHALT, CONCRETE, AND AGGREGATES FOR TRENCH BEDDING AND BACKFILL.

UNDERGROUND UTILITIES
THE LOCATIONS OF THE UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE AS OBTAINED FROM THE OWNERS OF THE UTILITY AS REQUIRED BY SECTION 153.6 ORC. CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS IN THE FIELD PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES ASSOCIATED WITH WORK. UTILITIES SHALL BE REPAIRED TO SATISFACTION OF THE UTILITY OWNER AND/OR OPERATING AUTHORITY AT NO ADDITIONAL COST.

UTILITY OWNERSHIP
THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THE PROJECT:

CITY OF CUYAHOGA FALLS
ENGINEERING DEPARTMENT
2310 SECOND ST.
CUYAHOGA FALLS, OH 44221
(330) 971-8180
ATTN: TONY DEMASI, P.E.

COUNTY OF SUMMIT
DEPT. OF ENVIRONMENTAL SERVICES
1180 S. MAIN ST. #201
AKRON, OH 44301
(330) 926-2400
ATTN: MIKE WEANT

SUPERINTENDENT CUYAHOGA FALLS
ELECTRICAL DEPARTMENT
330-971-8036
ATTN: ROD TROXELL

AT&T
50 W. BOWERY ST., 6TH. FLOOR
AKRON, OH 44308
(330) 384-3048
ATTN: JOHN BOKISA

FIRST ENERGY
1910 W MARKET ST, BLDG 1
AKRON, OH 44313
(330) 436-4055
ATTN: DAVID MILLER

SPECTRUM
530 S. MAIN ST.
AKRON, OH 44311
(330) 633-9203 EXT 7322
ATTN: CHRISTINE LEINHARDT

DOMINION EAST OHIO
320 SPRINGSIDE DRIVE, SUITE 320
AKRON, OH 44333
(330) 664-2409
ATTN: BRYAN DAYTON

SUNOCO PIPELINE
CO. 999 HOME AVE.
AKRON, OH 44310
(330) 704-7411
ATTN: MIKE SLORAVT

WORK HOURS
NO NIGHT WORK BETWEEN THE HOURS OF 7:00 P.M. TO 7:00 A.M. SHALL BE PERMITTED UNLESS OTHERWISE SPECIFICALLY APPROVED BY THE ENGINEER AND THE CITY OF CUYAHOGA FALLS.

CONSTRUCTION SEQUENCE
THE CONTRACTOR SHALL ENGAGE IN THE CONSTRUCTION OF THE PROJECT SUCH THAT ADEQUATE ACCESS TO ALL BUSINESSES IS MAINTAINED AT ALL TIMES. INCLUDE COSTS IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC. ONCE THE CONTRACTOR IS ENGAGED IN THE PROJECT, WORK SHALL BE CONTINUOUS USING FULL CREWS.

DEMOLITION

REMOVAL OF DEBRIS AND SITE CLEANUP
THE PROJECT SITE MUST BE KEPT FREE OF CONSTRUCTION DEBRIS, TRASH, PAPER AND OTHER WASTE ITEMS. COLLECT AND REMOVE THESE ITEMS AT THE END OR EACH WORK DAY. ALL DEMOLITION ITEMS SHALL BE REMOVED AND DISPOSED OF IN AN APPROVED MANNER AS APART OF COST OF ITEM REMOVED, UNLESS STATED OTHERWISE.

DUST NUISANCE ORIGATION
DUST PRODUCED FROM ANY OPERATIONS INSIDE OR OUTSIDE THE RIGHT-OF-WAY SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH ITEM 616. WATER AND/OR CALCIUM CHLORIDE SHALL NOT BE APPLIED UNLESS ORDERED BY THE ENGINEER.

PAVEMENT SWEEPING
AS REQUIRED DURING THE COURSE OF EACH WORK DAY, THE CONTRACTOR SHALL SWEEP ALL PAVED AREAS AFFECTED BY THE DAYS WORK. PAVEMENT SHALL BE SCRAPPED AND SWPT TO REMOVE ALL DIRT, MUD AND DEBRIS. INCLUDE THE COST OF THIS WORK IN THE PRICE BID FOR THE EXCAVATION.

CLEARING AND GRUBBING
ALL TREES, STUMPS, ROOTS, SHRUBS AND DEBRIS REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR OFF SITE AT A LOCATION LICENSED TO ACCEPT SUCH MATERIAL. REMOVE ALL TREES AND STUMPS SPECIFICALLY MARKED FOR REMOVAL WITHIN THE CONSTRUCTION LIMITS OR AS NOTED ON THE DRAWINGS SHALL BE PAID FOR UNDER THE LUMP SUM BID FOR ITEM 201. CLEARING AND GRUBBING. FOR TREES, REMOVAL INCLUDES THE ROOT MASS. NO ROOT MASS IS PERMITTED WITHIN THE FOOTPRINT OF ANY PAVEMENT (ASPHALT, CONCRETE, AGGREGATE).

SAW CUTTING
CONTRACTOR SHALL LAYOUT PAVEMENT SAW CUT AREAS PRIOR TO COMMENCEMENT OF WORK FOR APPROVAL BY OWNER'S REPRESENTATIVE. ALL SAW CUTTING IS TO BE PERFORMED WET. CONTRACTOR SHALL COLLECT SEDIMENT LADEN WATER CREATED BY SAW CUTTING OPERATIONS FOR SEDIMENT REMOVAL PRIOR TO DISCHARGING WATER FROM WORK AREA.

PROTECTION AND RESTORATION OF PROPERTY
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE PROPERTY.
2. THE CONTRACTOR IS REQUIRED TO PROTECT THE WORK ZONE AND STAGING AREAS AT ALL TIMES WITH TEMPORARY MINIMUM 72-INCH HIGH CHAIN LINK FENCE. FENCING SHALL BE SELF-SUPPORTING AND REMAIN PLUMB. ALL EQUIPMENT MATERIALS AND LABOR REQUIRED FOR CONSTRUCTION FENCING AND GATES SHALL BE PAID FOR UNDER THE LUMP SUM PRICE FOR MOBILIZATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR FENCE OR GATES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PROPERTY OF ANY CHARACTER, DURING THE EXECUTION OF THE WORK, RESULTING FROM ANY ACT, OMISSION, NEGLIGENCE, OR MISCONDUCT OF HIS MANNER OR METHOD OF EXECUTING THE WORK, OR AT ANY TIME DUE TO DEFECTIVE WORK OR MATERIALS, AND SAID RESPONSIBILITY WILL NOT BE RELEASED UNTIL THE PROJECT SHALL HAVE BEEN COMPLETED AND ACCEPTED.
4. WHEN OR WHERE ANY DIRECT OR INDIRECT DAMAGE OR INJURY OCCURS TO PUBLIC OR PRIVATE PROPERTY BY OR ON ACCOUNT OF ANY ACT, OMISSION, NEGLIGENCE, OR MISCONDUCT IN THE EXECUTION OF THE WORK, OR IN CONSEQUENCE OF THE NON-EXECUTION THEREOF BY THE CONTRACTOR, HE SHALL RESTORE, AT HIS OWN EXPENSE, SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE, BY REPAIRING, REBUILDING OR OTHERWISE RESTORING AS MAY BE DIRECTED, OR SHALL MAKE GOOD SUCH DAMAGE OR INJURY IN AN ACCEPTABLE MANNER.

REMOVAL OF EXISTING STRUCTURES
1. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING PIPES, YARD DRAINS, LANDSCAPE TIMBERS, AND OTHER ITEMS WITHIN THE LIMITS OF WORK THAT WILL BE ABANDONED OR OTHERWISE NOT USED AS PART OF PROJECT IMPROVEMENTS. ABANDONING PIPES IN PLACE OR FILLING THEM WITH GROUT IS NOT ACCEPTABLE, UNLESS AUTHORIZED BY THE ENGINEER. THE PROPERTY OWNER SHALL HAVE FIRST RIGHT OF REFUSAL FOR ALL LANDSCAPE, POLES, AND PAVER ITEMS REMOVED.
2. ALL ITEMS REMOVED SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR STRUCTURES REMOVED, EXCEPT FOR REMOVAL ITEMS NOTED SEPARATELY.
3. ALL ITEMS NOTED TO BE SALVAGED TO BE RETURNED TO THE CITY OF CUYAHOGA FALLS.

LAYOUT

1. CONSTRUCTION NOTES AND TYPICALS MAY APPEAR ONLY ONCE ON THE DRAWING, BUT APPLY TO ALL

SIMILAR CONDITIONS.
2. ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
3. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS ON THE GROUND AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
4. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL PAVEMENT AND UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
5. CONTRACTOR TO LAYOUT ALL ITEMS FOR APPROVAL BY OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION

GRADING

1. PRIOR TO CONSTRUCTION, PLACE EROSION CONTROL MEASURES AS SHOWN ON THE SITE STORMWATER POLLUTION PREVENTION PLAN.
2. PRIOR TO EXCAVATION AND EARTHWORK OPERATIONS, THE CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROPOSED GRADES AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. FIELD VERIFY LOCATIONS OF ALL BURIED UTILITIES AND DEPTHS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE.
3. EXISTING TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON SITE IN A LOCATION APPROVED BY THE OWNER. THE AREA TO BE STRIPPED SHALL INCLUDE THE AREA WHERE THE PROPOSED WORK WILL BE LOCATED. UPON COMPLETION OF THE WORK, THE STOCKPILED TOPSOIL WILL BE EVENLY DISTRIBUTED OVER THE DISTURBED WORK AREA IN A UNIFORM THICKNESS OF AT LEAST 6 (SIX) INCHES. STOCKPILED TOPSOIL IN EXCESS OF THE AMOUNT NEEDED FOR THE ABOVE NOTED WORK WILL BE WASTED AT A DISPOSAL AREA AS DETERMINED BY THE CITY OF CUYAHOGA FALLS.
4. EXCESS EXCAVATION AND TOPSOIL WILL BE STOCKPILED AT A SUITABLE LOCATION OR AT A SITE APPROVED BY THE CITY OF CUYAHOGA FALLS AND ENGINEER. A SILT FENCE IS REQUIRED FOR SEDIMENT CONTROL. SEEDING AND MULCHING ARE REQUIRED. THE STOCKPILES SHALL BE GRADED SMOOTH AND COMPACTED TO 90% DENSITY.
5. MAINTAIN UNIFORM AND POSITIVE SLOPES FOR ALL REGRADED SURFACES.
6. CONTRACTOR TO MEET AND MATCH PROPOSED SIDEWALK AND STREET WITH ADJOINING EXISTING GRADES.

PAVEMENT

PAVEMENT MIX DESIGN
FOR PAVING ITEMS, THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A DESIGN MIX FOR REVIEW AND APPROVAL PRIOR TO THE PRE-CONSTRUCTION MEETING. ALL MATERIALS USED MUST BE OBTAINED FROM A SOURCE APPROVED BY THE OHIO DEPARTMENT OF TRANSPORTATION.

CONCRETE TESTING
1. ALL CONCRETE USED ON THE PROJECT SHALL BE TESTED. THIS INCLUDES CONCRETE FOR ROADS, CURB, DRIVEWAYS, THRUST BLOCKING, FILL INSIDE CATCH BASINS, AND FOR ANY OTHER PURPOSE ON THE PROJECT. A MIX DESIGN SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, PRIOR TO BEGINNING WORK. A TICKET FOR EACH LOAD DELIVERED TO THE PROJECT SHALL BE PROVIDED TO THE FIELD REPRESENTATIVE. TICKET SHALL INCLUDE ALL INFORMATION REQUIRED IN ODOT 499.08. CONCRETE SHALL BE TESTED FOR AIR, SLUMP, AND COMPRESSIVE STRENGTH. EACH LOAD SHALL BE CHECKED FOR AIR AND SLUMP. FOUR (4) TEST SPECIMENS WILL BE MADE FROM EVERY THIRD TRUCK STARTING WITH THE FIRST TRUCK EACH DAY THAT CONCRETE IS DELIVERED TO THE JOBSITE AND/OR EACH TIME THE MIX IS CHANGED. TEST ONE CYLINDER AT 7 DAYS AND ONE AT 28 DAYS, TWO ARE SPARES. SUBMIT A COPY OF EACH REPORT TO THE ENGINEER IMMEDIATELY AFTER THE TEST IS CONDUCTED. ALL TEST REPORTS FOR THE MONTH MUST BE SUBMITTED BY THE TIME OF THE CONTRACTOR'S PAY REQUEST SUBMITTAL, OR THE SUBMITTAL WILL BE CONSIDERED INCOMPLETE AND WILL BE RETURNED TO THE CONTRACTOR.

2. NOTE THAT FOR DRIVEWAYS, A CONCRETE BEAM SHALL ALSO BE MADE AND TESTED FOR EACH DAY'S POUR.

STORM

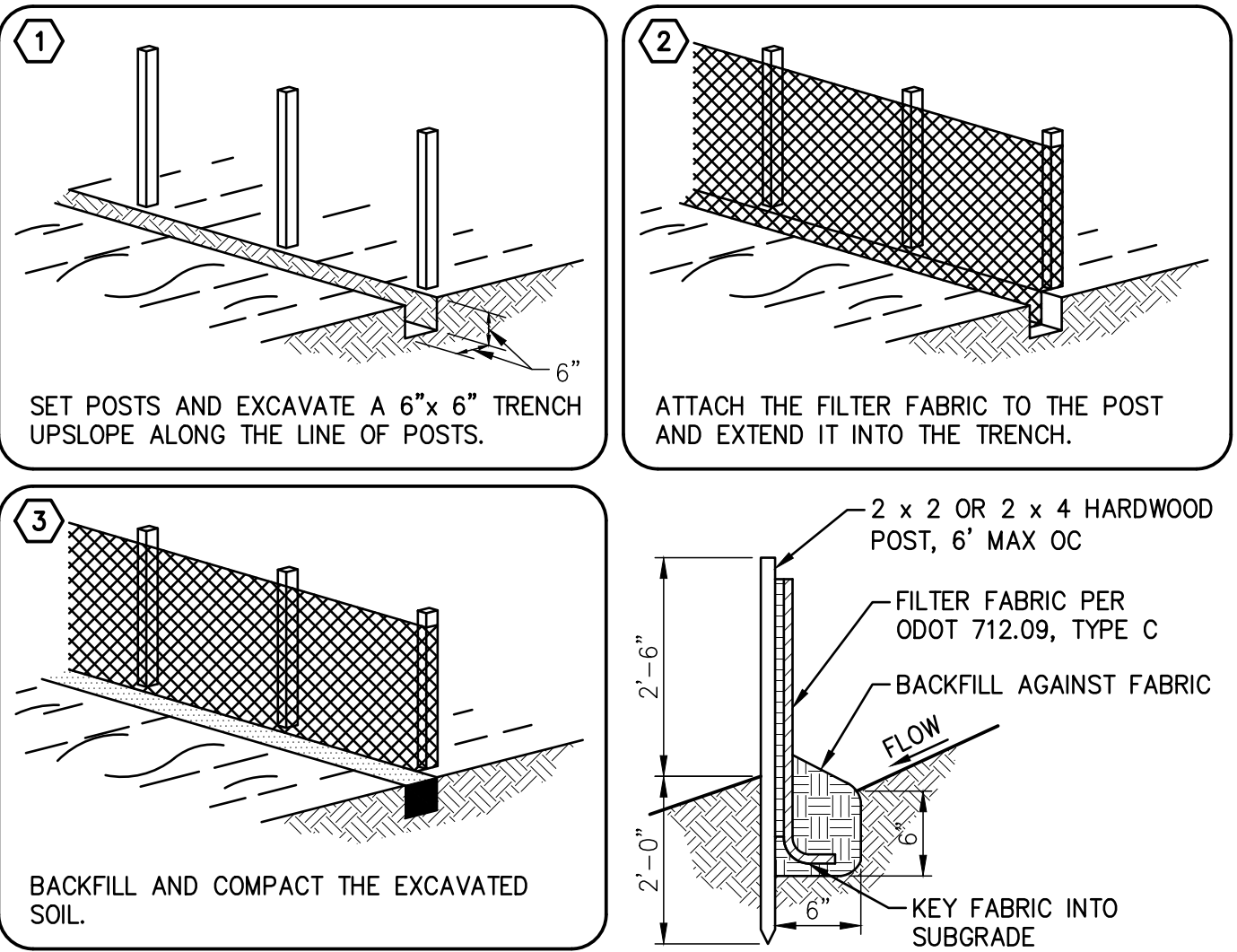
STORM SEWER
1. THE LOCATIONS OF ONSITE STORM SEWER STRUCTURES AND UNDERGROUND LINES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THEIR EXACT LOCATION, DEPTH & SLOPE PRIOR TO EARTHWORK ACTIVITIES, INCLUDING CCTVING ALL ON-SITE DRAIN LINES. NOTIFY ENGINEER OF ANY DISCREPANCIES IMMEDIATELY.
2. ALL STORM SEWER LENGTHS SHOWN ON THE DRAWINGS ARE HORIZONTAL DISTANCES MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
3. BEDDING SHALL BE CLASS B PER ITEM 603.04 EXCEPT THAT SLAG AND CRUSHED CONCRETE IS NOT PERMITTED. BEDDING SHALL EXTEND FROM 6" BELOW THE BOTTOM OF PIPE TO THE SPRINGLINE (FOR CONCRETE PIPE) AND TO 12" ABOVE THE TOP OF PIPE (FOR POLYETHYLENE PIPE). BACKFILL SHALL BE TYPE 1 STRUCTURAL BACKFILL PER ITEM 703.11 WHERE STORM SEWER IS PLACED BELOW AND/OR BEHIND CURB, PAVEMENT AND/OR DRIVES, OR WHEN THE EDGE OF THE TRENCH IS WITHIN 3 FEET OF SUCH. BACKFILL SHALL BE SUITABLE NATIVE MATERIAL WHERE STORM SEWER IS PLACED BELOW ROADSIDE DITCHES.
4. ROOF DRAINS, FOUNDATION DRAINS SHALL BE PVC, ASTM D-3034, SDR 35. BEDDING SHALL BE TYPE 2 PER ITEM 603.06 AND BACKFILL SHALL BE NATIVE MATERIAL COMPACTED PER ITEM 603.10, SECTION D.
5. ALL BACKFILL IN TRENCHES SHALL BE PLACED IN 6" LIFTS AND COMPACTED USING MECHANICAL TAMPERS. COMPACTION RATES SHALL BE PER ITEM 603.11.

LANDSCAPE

GENERAL PLANTING
1. IN CASE OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE. IF IN QUESTIONS, CONTACT THE OWNER'S REPRESENTATIVE BEFORE PLANTING OPERATIONS ARE TO PROCEED. FINAL PLACEMENT OF PLANT MATERIALS, ETC. SHALL BE APPROVED BY OWNER'S REPRESENTATIVE BEFORE PLANTING OPERATIONS ARE TO PROCEED.
2. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ALLOWED. IF PLANTS ARE UNAVAILABLE, THE CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE PRIOR TO BID DATE IN WRITING. ALL PLANTS SHALL BE INSPECTED AND TAGGED WITH PROJECT IDENTIFICATION AT NURSERY OR CONTRACTOR'S OPERATION PRIOR TO MOVING TO JOB SITE. PLANTS MAY ALSO BE INSPECTED AND APPROVED OR REJECTED ON THE JOB SITE.
3. ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION, AS SET FORTH BY AMERICAN ASSOCIATION OF NURSERYMEN.
4. MAINTENANCE OF PLANT MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL PLANT MATERIALS ARE ACCEPTED BY OWNER. MAINTENANCE INCLUDES BUT IS NOT LIMITED TO WATERING, WEEDING, PEST CONTROL, AND OTHER ACTIONS AS REQUIRED TO MAINTAIN PLANT MATERIALS IN A HEALTHY CONDITION.
5. ALL NEW LANDSCAPE PLANTINGS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING FINAL INSPECTION BY OWNER'S REPRESENTATIVE. AT END OF THIS PERIOD, PLANT MATERIAL DEEMED DEAD OR UNSATISFACTORY BY OWNER'S REPRESENTATIVE SHALL BE REPLACED AT NO ADDITIONAL CHARGE BY THE CONTRACTOR.

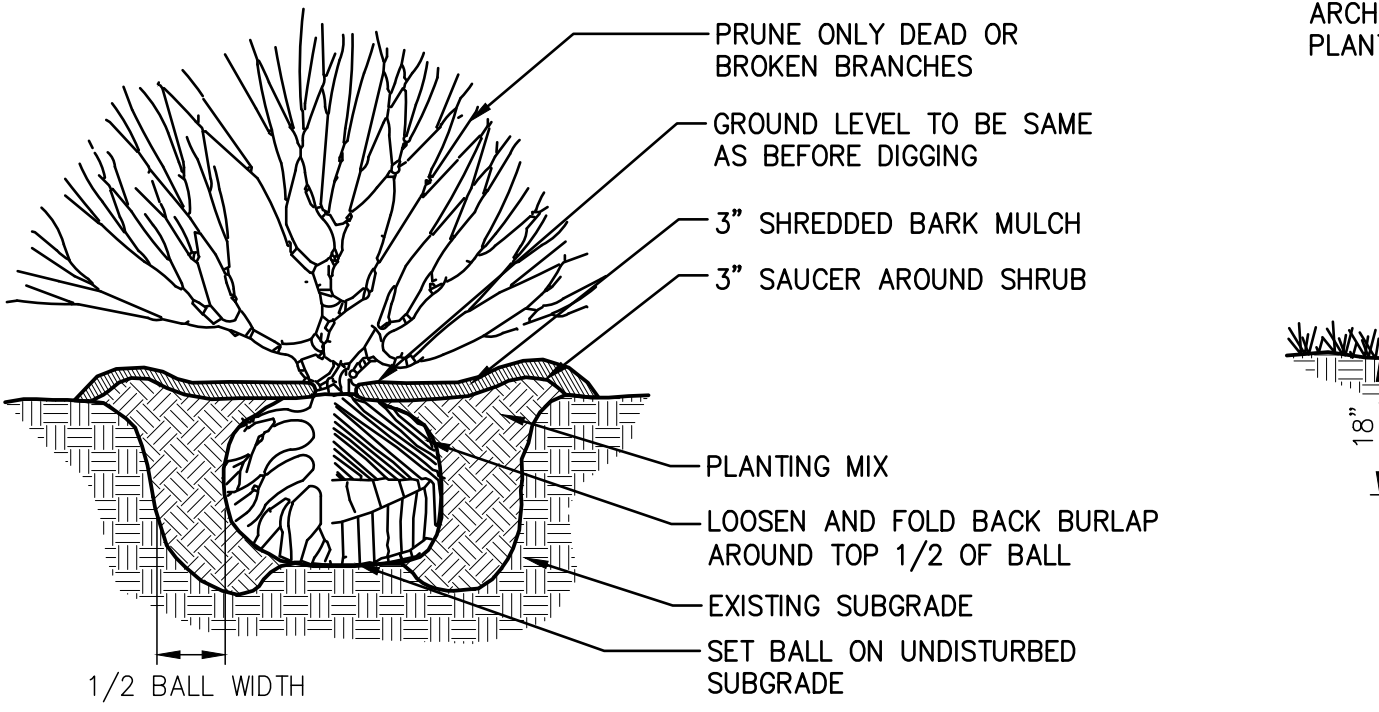
PLANTING BED PREPARATION
1. PRIOR TO ALL PLANTING, ROTOTILL ALL PLANTING BEDS TO PREPARE FOR PLANT INSTALLATION TO A MINIMUM 8 INCH DEPTH. COMPLETELY PULVERIZE SOILS TO REMOVE ALL CLODS AND CLUMPS TO ATTAIN NATURAL TEXTURE OF SOIL MATERIALS. ELIMINATE UNEVEN AREAS AND LOW SPOTS. MAINTAIN LINES, LEVELS, PROFILES, AND CONTOUR. MAKE CHANGES IN GRADE GRADUAL. BLEND SLOPES INTO LEVEL AREAS. REMOVAL ALL DEBRIS, WEEDS, UNDESIRABLE PLANTS AND THEIR ROOTS FROM AREAS TO BE PLANTED. REMOVAL ALL CONCRETE SLAG LARGER THAN 2" IN DIAMETER.
2. AMEND ALL SOIL IN PLANTING BEDS BY PLACING A MINIMUM 4" DEPTH OF TOPSOIL TO FULL EXTENT OF THESE AREAS. TILL TOPSOIL INTO UPPER 8 INCHES BY DIGGING, SPADGING OR ROTOTILLING. ORGANIC MATTER MAY BE SUBSTITUTED IF SUFFICIENT TOPSOIL IS NOT AVAILABLE.

PLANTING INSTALLATION
1. PLANTING HOLES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANTING DETAILS.
2. INSTALL 3-INCH DEPTH OF MULCH AROUND ALL SHRUB BEDS AS INDICATED ON THE PLANTING DETAILS.
3. ALL PLANT MATERIALS SHALL BE THOROUGHLY WATERED IN UPON COMPLETION OF PLANTING OPERATIONS. PLANTS THAT CANNOT BE INSTALL ON THE SAME DAY THEY ARE DELIVERED TO THE SITE SHALL BE MULCHED IN AND ADEQUATELY WATERED UNTIL PLANTED.

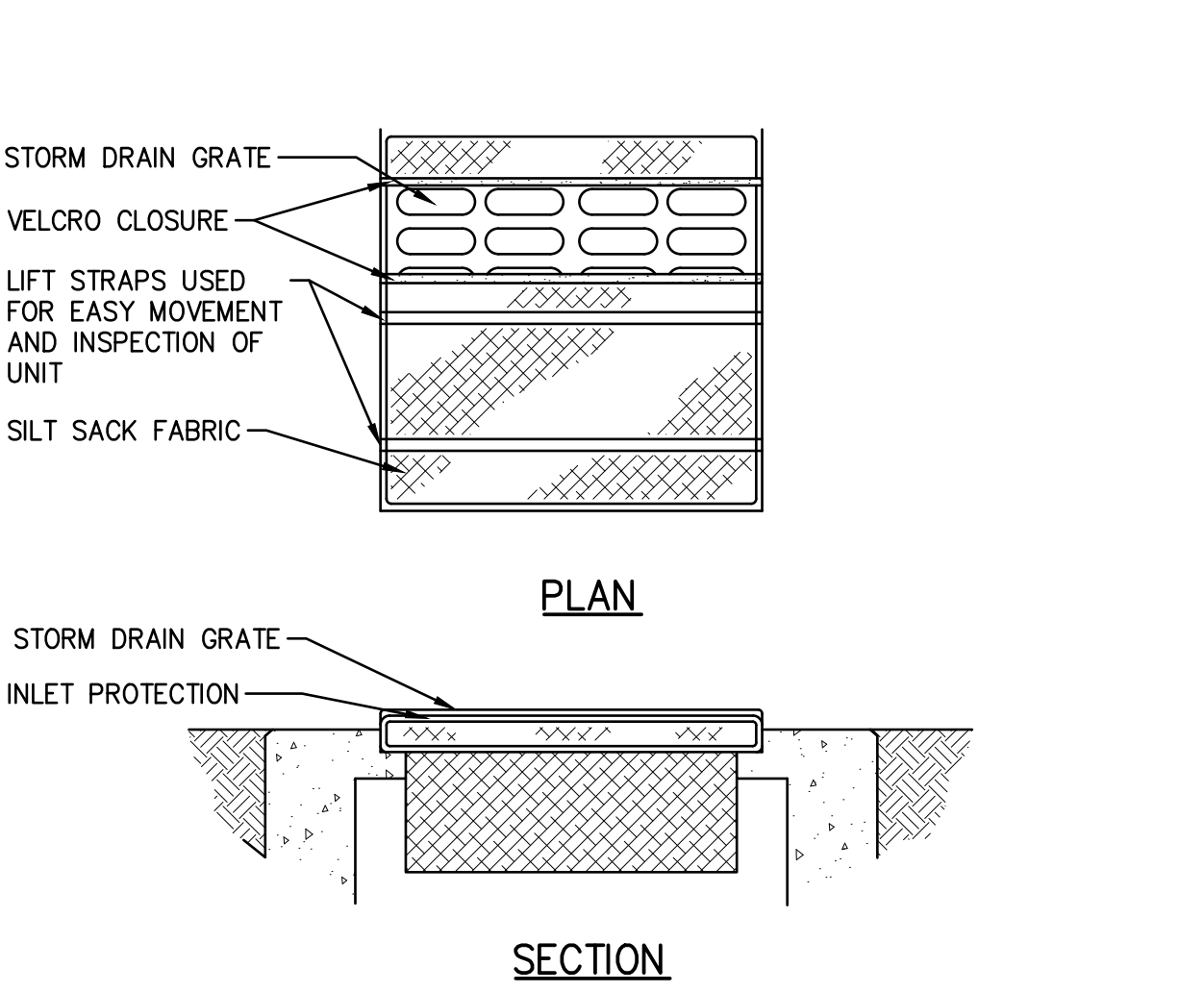


1 SILT FENCE
2 NOT TO SCALE

NOTES:
1. PLANTING MIX TO CONSIST OF 1" COMPOST PER 6" OF TOPSOIL.
2. COMPOST SHALL CONSIST OF STERILIZED, COMPOSTED MATERIAL (SWEET PEAT OR OTHER APPROVED EQUAL). CONTRACTOR SHALL SUBMIT SAMPLE TO OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO INSTALLATION OF PLANTS.
3. MULCH TO FORM CONTINUOUS SHRUB BEDS.

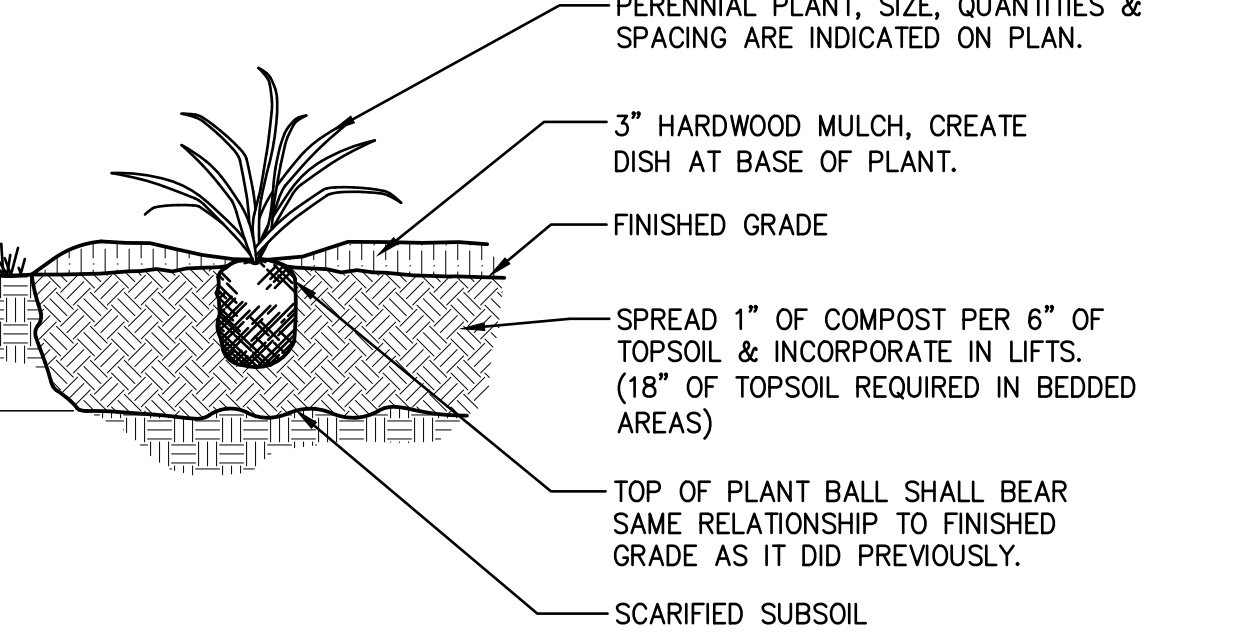


3 SHRUB PLANTING
2 NOT TO SCALE



2 INLET PROTECTION - SILT SACK
2 NOT TO SCALE

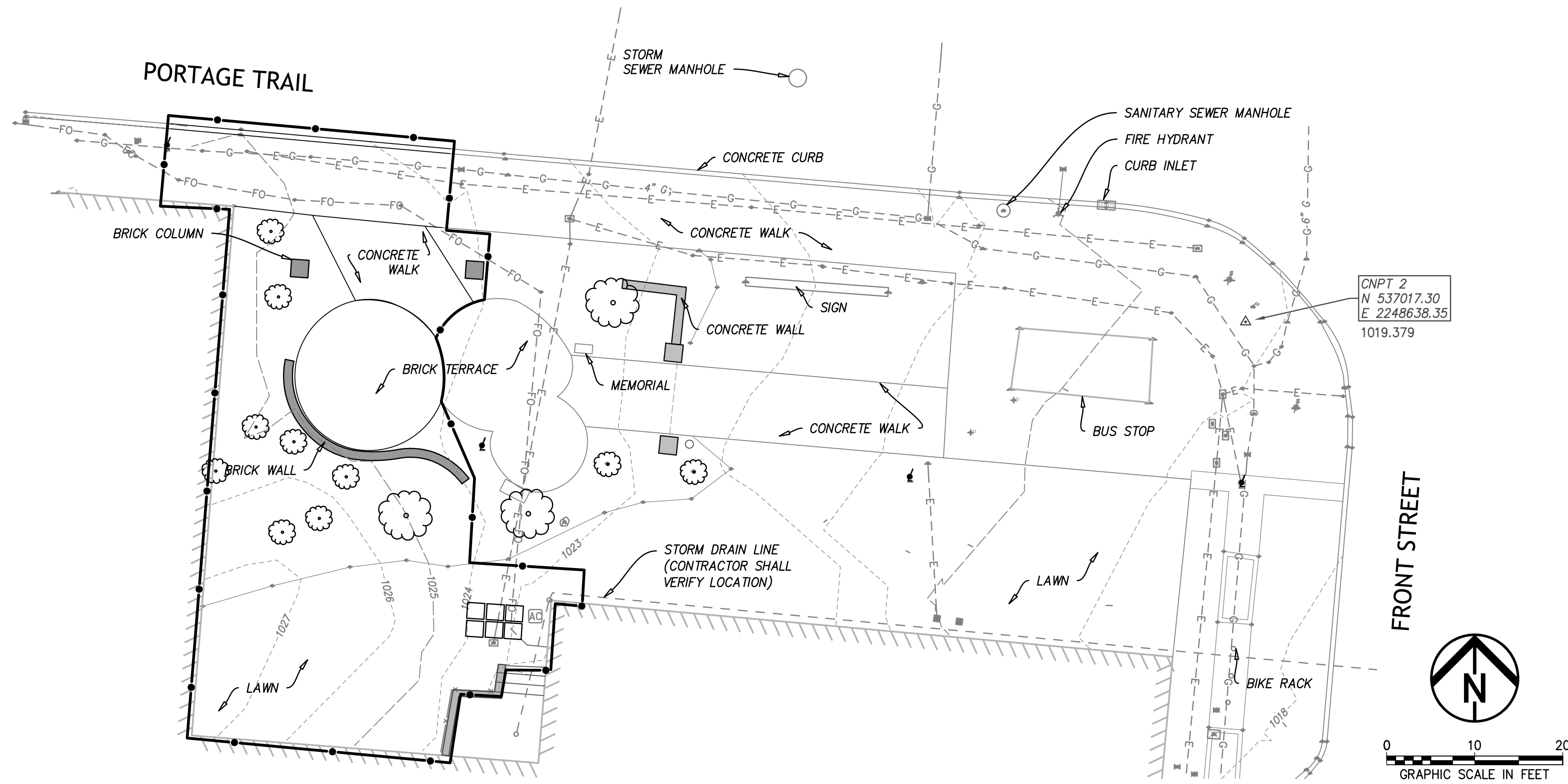
NOTE:
COMPOST SHALL CONSIST OF STERILIZED, COMPOSTED MATERIAL (SWEET PEAT OR OTHER APPROVED EQUAL). CONTRACTOR SHALL SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION OF PLANTS.



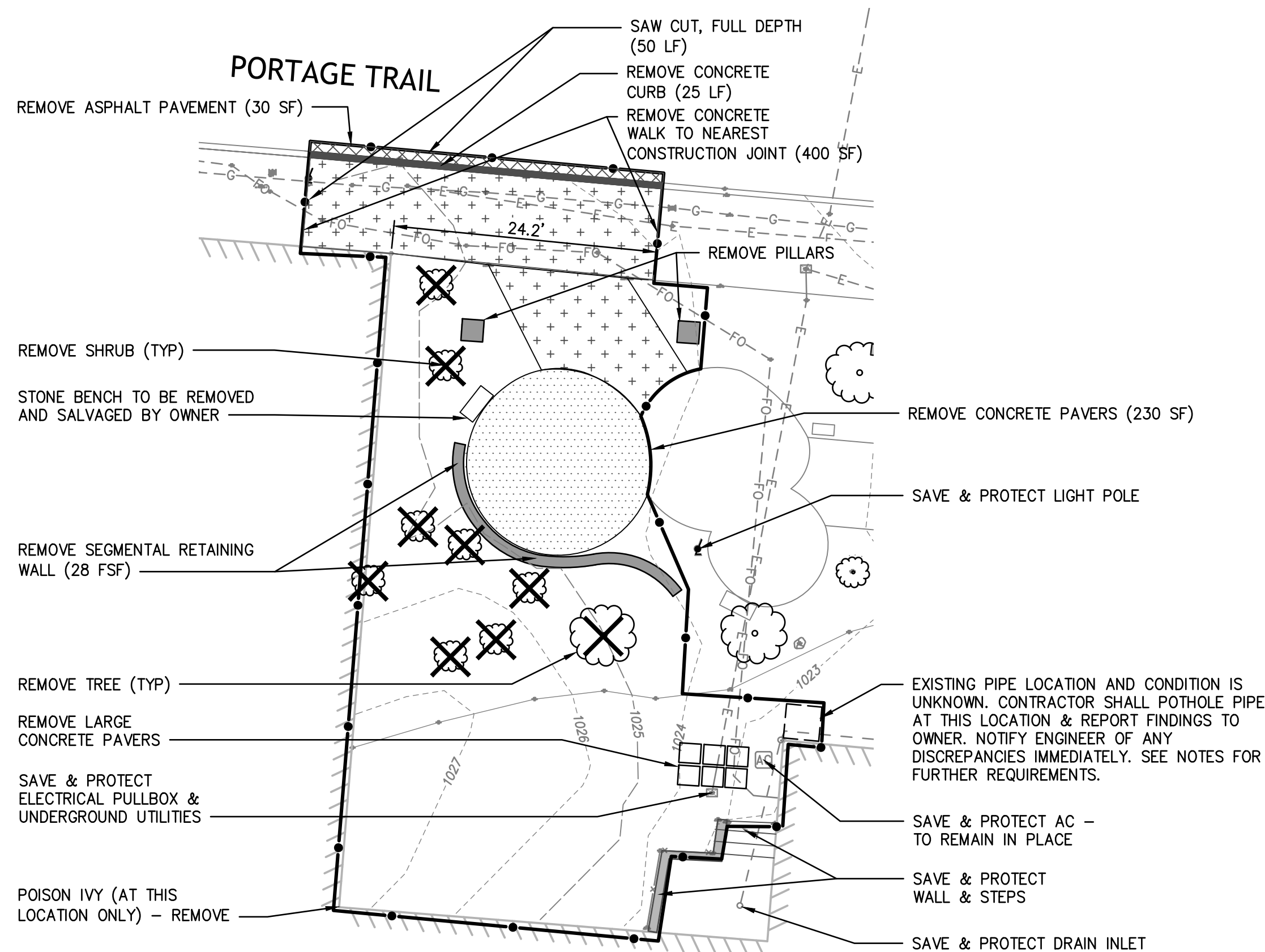
4 PERENNIAL PLANTING
2 NOT TO SCALE

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EXISTING CONDITIONS PLAN



DEMOLITION PLAN

LEGEND

- CONSTRUCTION LIMITS
- EXISTING WALL OR PILLAR TO BE REMOVED
- EXISTING CURB TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING CONCRETE PAVERS TO BE REMOVED
- EXISTING ASPHALT TO BE REMOVED
- EXISTING BUILDING FACE

SITE CONTROL:

EXISTING CONDITIONS ARE BASED ON SURVEY BY ENVIRONMENTAL DESIGN GROUP, LLC. ALL UNDERGROUND STRUCTURES AND UTILITIES HAVE BEEN SHOWN TO A REASONABLE DEGREE OF ACCURACY. ANYONE USING ELEVATIONS ASSOCIATED WITH THIS PLAN SHALL UTILIZE AND CHECK BENCHMARKS FOR VERTICAL CONTROL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION ACTIVITY.

PORTAGE TRAIL SERVICE ACCESS DRIVE CITY OF CUYAHOGA FALLS

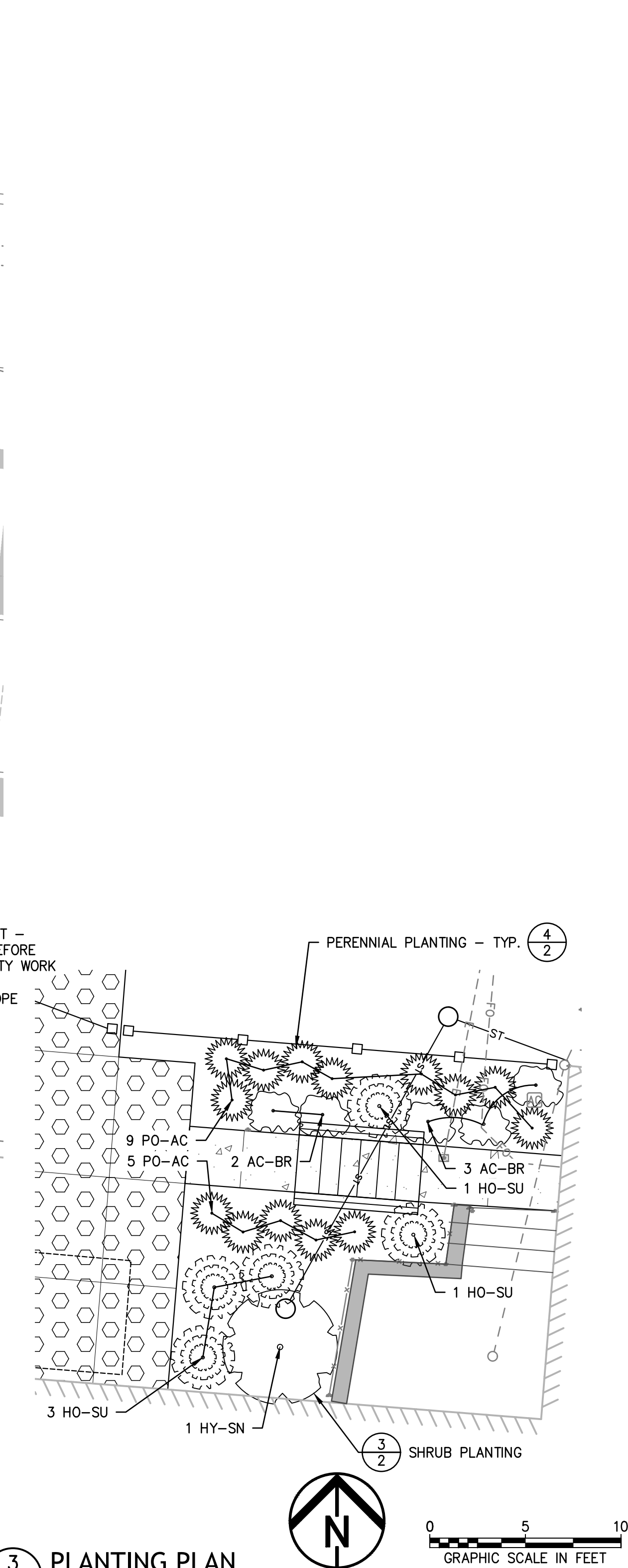
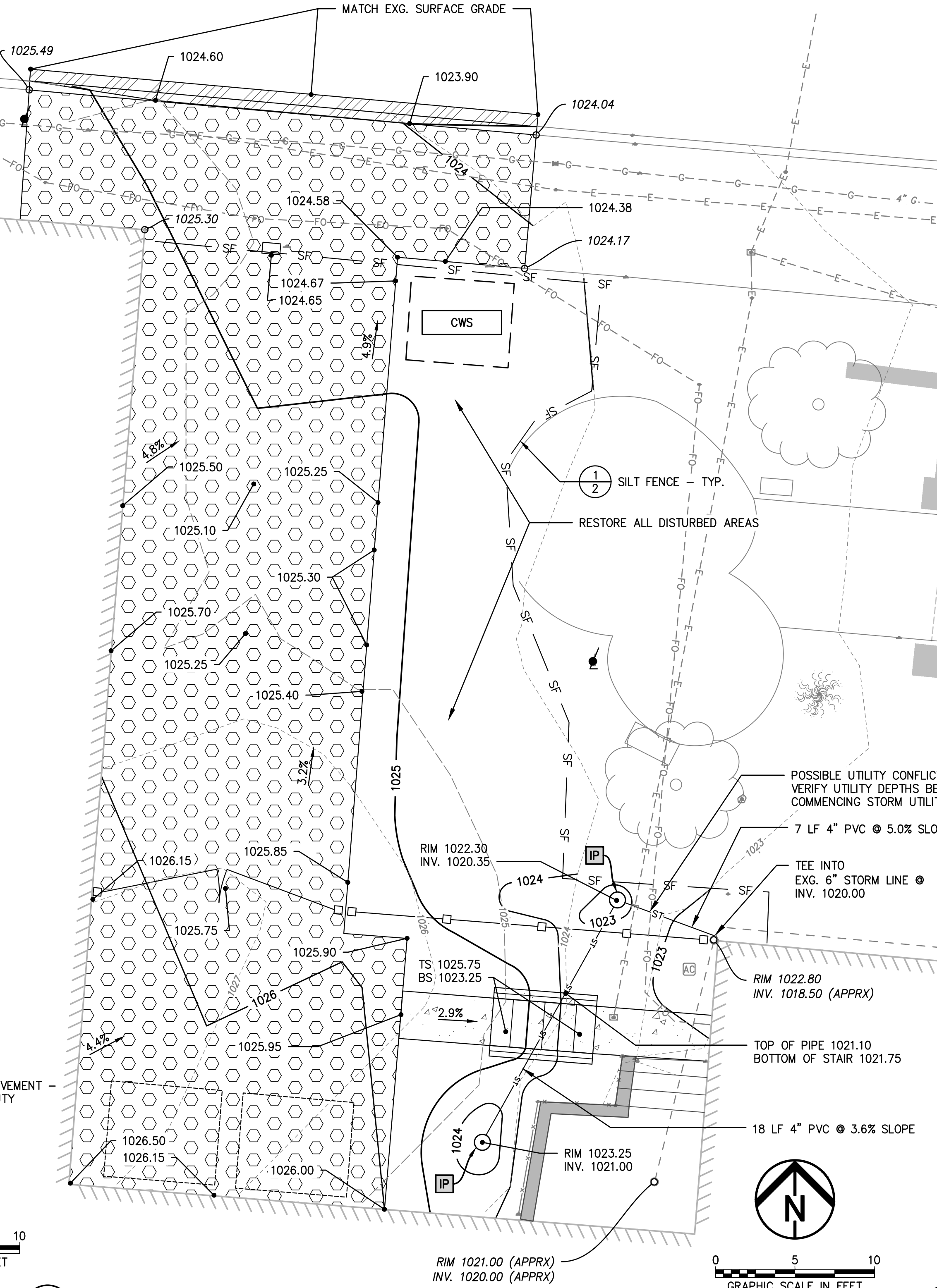
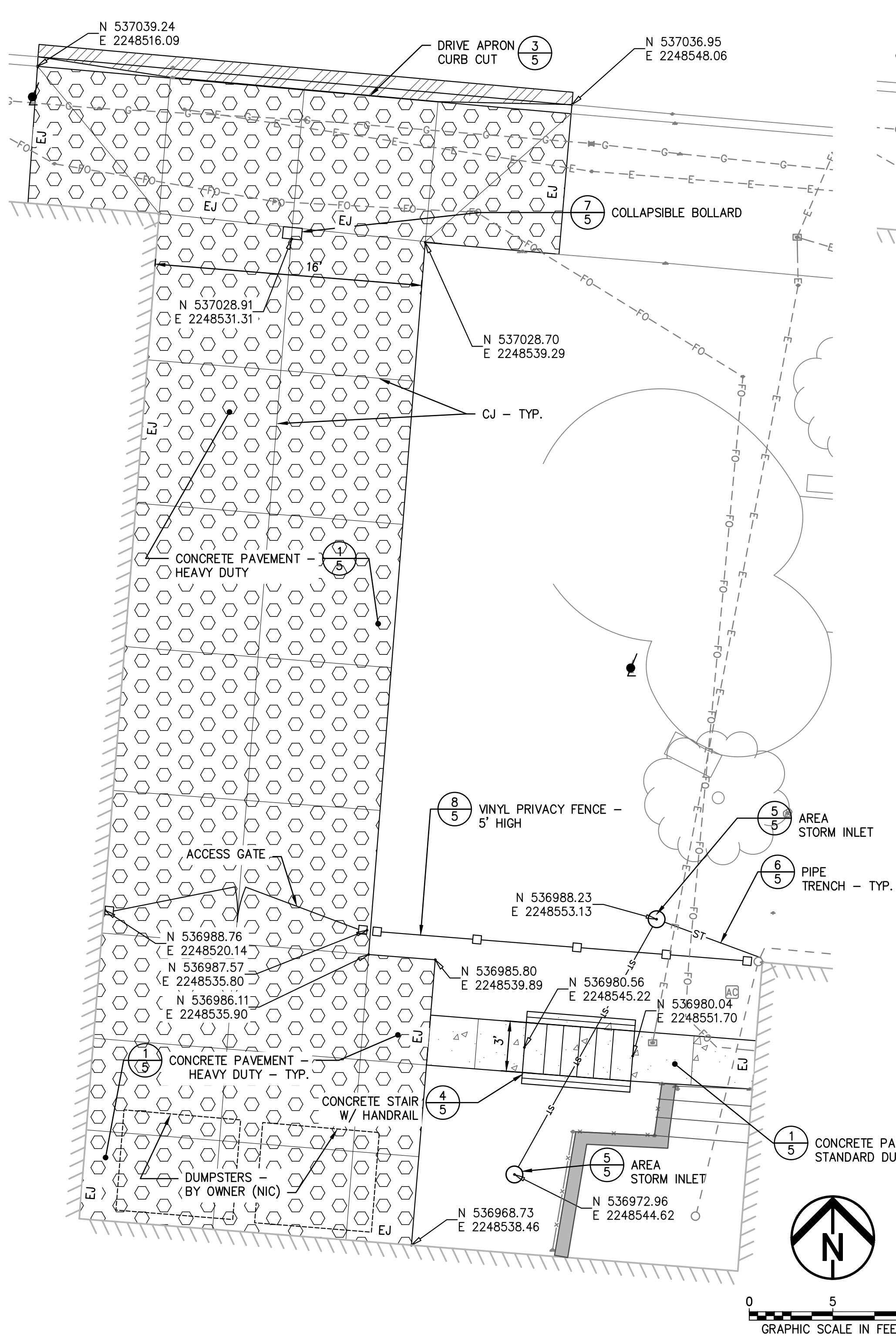


CITY OF
Cuyahoga Falls

REVISIONS		
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PROJECT NO.:		19-00316-010
DRAWN BY:		RB
CHECKED BY:		KGB
DATE ISSUED:		2020/05/21

EXISTING CONDITIONS AND DEMOLITION PLAN

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PLANTING SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES	HEIGHT	WIDTH
Shrubs							
HY-SN	1	Hydrangea quercifolia 'Snow Queen'	Snow Queen Oakleaf Hydrangea #5	#5	Cont. (24")	5'	5'
Perennials							
AC-BR	5	Actea racemosa 'Brunette'	Brunette Black Cohosh	#2	Cont.	4'	
HO-SU	5	Hosta sieboldiana 'Sum and Substance'	Sum and Substance Hosta	#2	Cont.	2'	
PO-AC	14	Polystichum acrostichoides	Christmas Fern	#2	Cont.	3'	

PORTAGE TRAIL SERVICE ACCESS DRIVE CITY OF CUYAHOGA FALLS

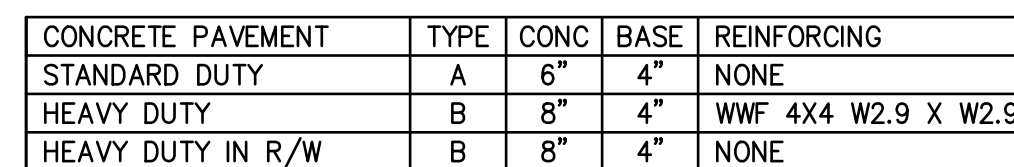


CITY OF
Cuyahoga Falls

REVISIONS		
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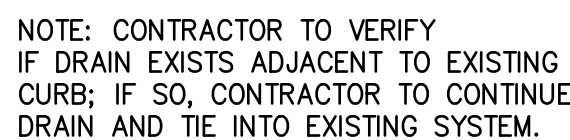
PROJECT NO.:	19-00316-010
DRAWN BY:	RB
CHECKED BY:	KGB
DATE ISSUED:	2020/05/21

LAYOUT, GRADING & LANDSCAPE PLAN



1. EXPANSION JOINT $\frac{1}{2}"$ AT 20' O.C. MAX. OR AS SHOWN ON DRAWINGS AT ALL CURBS, WALKS, WALLS AND OTHER FIXED OBJECTS.
2. CONTROL JOINT — AS SHOWN ON DRAWINGS
3. CROSS SLOPE — $\frac{1}{4}"$ PER FOOT MIN. TO DRAIN
4. MEDIUM BROOM FINISH PERPENDICULAR TO THE DIRECTION OF TRAVEL.
5. USE EDGING TOOL AT PERIMETER

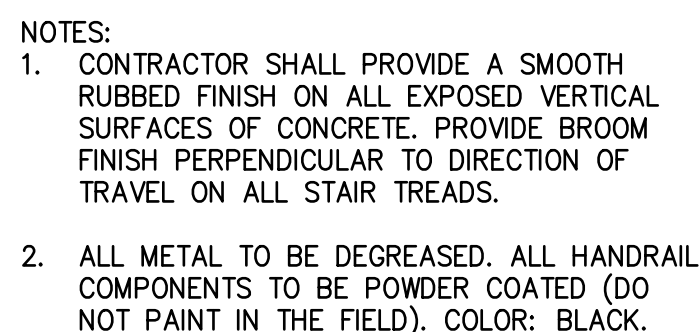
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5 NOT TO SCALE



5 NOT TO SCALE



EXPANSION JOINT CHART	
TEMPERATURE	EXPANSION GAP
120°	0"
107.5°	$\frac{1}{16}$ "
95°	$\frac{1}{8}$ "
82.5°	$\frac{3}{16}$ "
70°	$\frac{1}{4}$ "
57.5°	$\frac{5}{16}$ "
45°	$\frac{3}{8}$ "
32.5°	$\frac{7}{16}$ "
20°	$\frac{1}{2}$ "
7.5°	$\frac{9}{16}$ "
-5°	$\frac{5}{8}$ "



PORTAGE TRAIL SERVICE
ACCESS DRIVE
CITY OF CUYAHOGA FALLS



CITY OF
Cuyahoga Falls

REVISONS		
△	DATE	DESCRIPTION
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-	-	-
PROJECT NO.:		19-00316-01
DRAWN BY:		R
CHECKED BY:		KG
DATE ISSUED:		2020/05/2

CONSTRUCTION DETAILS