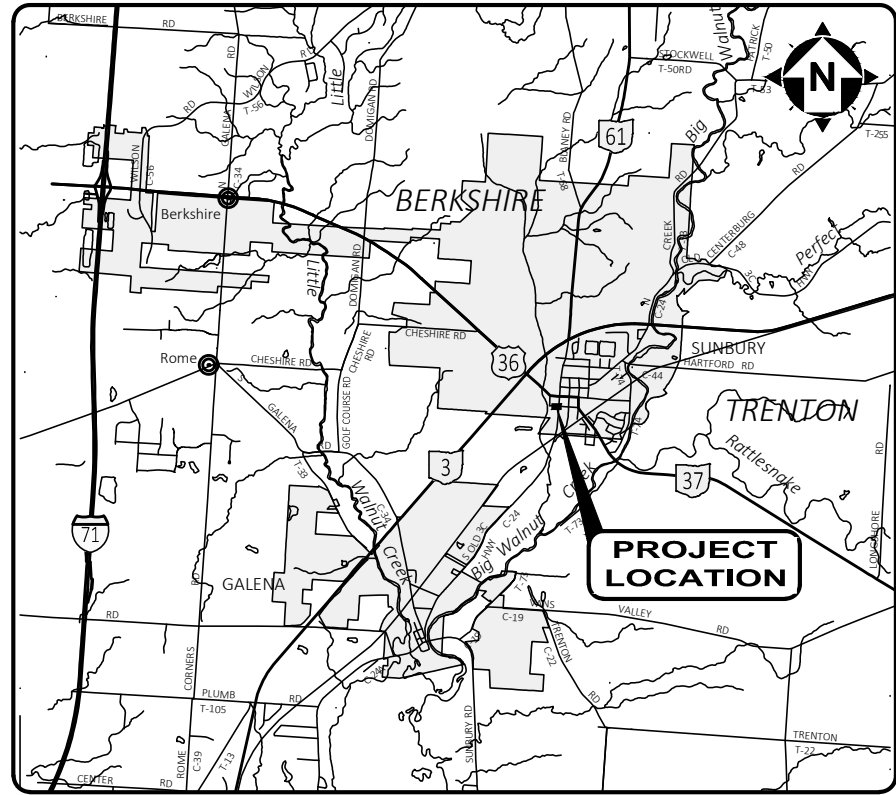


- ENGINEERING PLANS FOR -
**COLUMBUS STREET
PARKING LOT**
CITY OF SUNBURY, DELAWARE COUNTY, OHIO
2025



LOCATION MAP
NTS

PROJECT:

CITY OF SUNBURY COLUMBUS STREET PARKING LOT
EARTH DISTURBED AREA (EDA): 0.426 AC

PROJECT DESCRIPTION:

THIS PROJECT INVOLVES THE CONSTRUCTION OF APPROXIMATELY 13,630 SF OF PARKING LOT LOCATED AT THE SOUTHWEST CORNER OF W. GRANVILLE ST. AND S. COLUMBUS ST.

BASIS OF BEARINGS:

BEARINGS ARE BASED ON DATA ACQUIRED BY XXX AS PER NAD 83 (2011) - OHIO STATE PLANE COORDINATE SYSTEM-NORTH ZONE USING MONUMENT OHMA FROM THE OHIO DEPARTMENT OF TRANSPORTATION CORS NETWORK.

FLOOD DESIGNATION:

SUBJECT PROPERTY LIES WITHIN ZONE "X", AN AREA OF MINIMAL FLOOD HAZARD, USUALLY DEPICTED ON FIRMS AS OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN.

ZONING INFORMATION:

OWNER: CITY OF SUNBURY, OH

PROPERTY ADDRESS: 59 S. COLUMBUS ST.

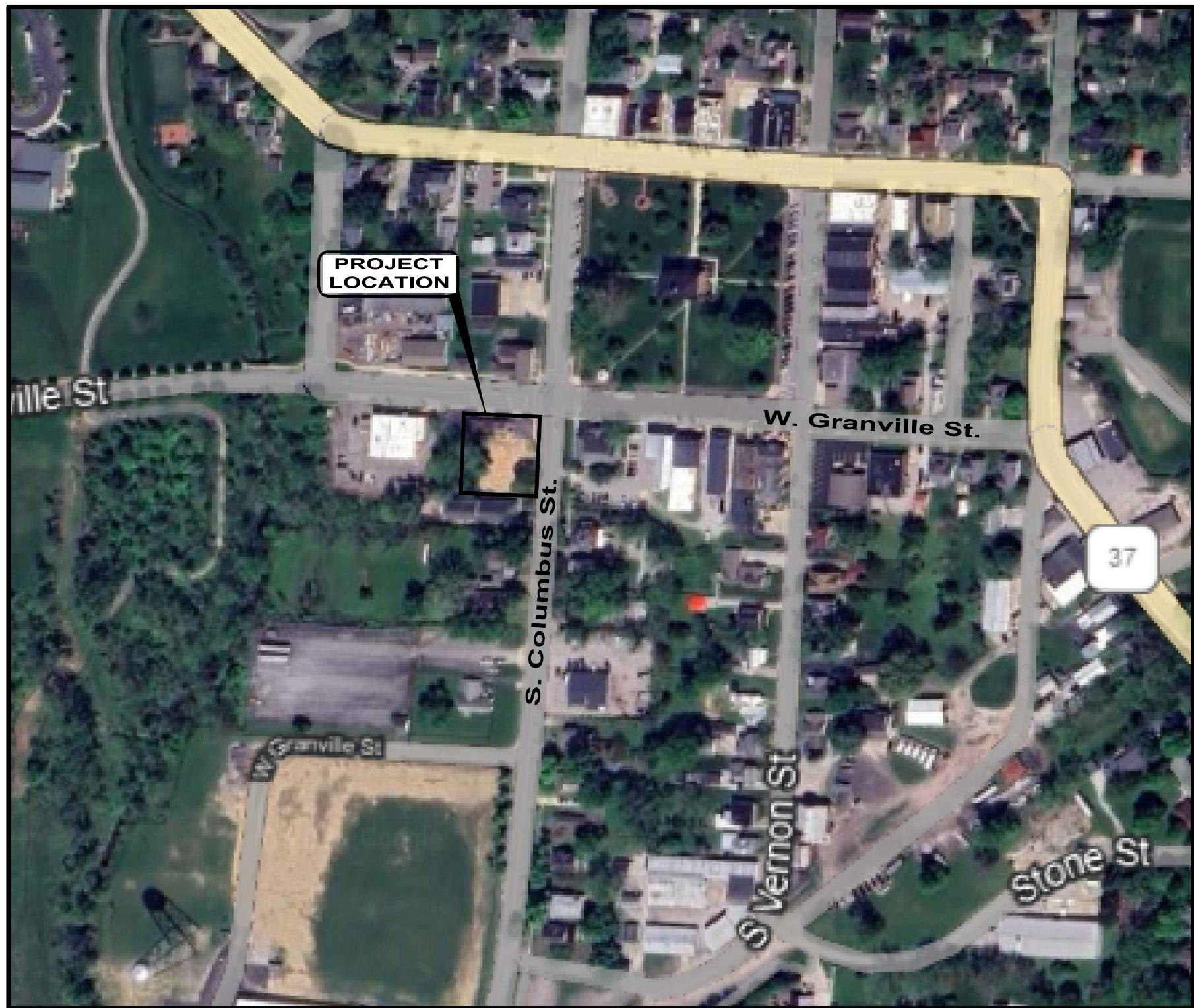
PARCEL NUMBER: 41741118005000, 41741118004000

TOTAL ACREAGE: 0.426 ACRES

ACREAGE DISTURBED: 0.426 ACRES

CURRENT ZONING: C-3 - CENTRAL BUSINESS DISTRICT

TOTAL PARKING SPACES PROVIDED: 33
TOTAL GOLF CART PARKING SPACES PROVIDED: 7



VICINITY MAP
NTS

LIST OF DRAWINGS

1	TITLE SHEET
2	GENERAL NOTES, LEGEND, & QUANTITIES
3-6	CONSTRUCTION DETAILS
7	EXISTING CONDITIONS
8	SITE PLAN
9	GRADING PLAN
10	SEDIMENT & EROSION CONTROL PLAN
11-12	SEDIMENT & EROSION CONTROL NOTES & DETAILS
13	LANDSCAPING PLAN
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15	ELECTRICAL DETAILS
16	LIGHTING CALCULATION PLAN
17-18	TRIBUTARY MAPS



STANDARD CONSTRUCTION DRAWINGS

THE CURRENT STANDARD CONSTRUCTION DRAWINGS FOR EACH MUNICIPALITY OR UTILITY LISTED BELOW SHALL BE CONSIDERED AS PART OF THIS SET THEREOF.

ODOT	DELAWARE COUNTY	DELCO
	R2190	

ENGINEER	OWNER
VERDANTAS 6397 EMERALD PKWY, SUITE 200 DUBLIN, OHIO 43016 OFFICE: 614-885-1700 CONTACT: DANIEL WHITED, P.E. EMAIL: DWHITED@VERDANTAS.COM	CITY OF SUNBURY 9 E GRANVILLE STREET SUNBURY, OH 43074 PHONE: 740-965-2684 CONTACT: DARYL HENNESSY CITY ADMINISTRATOR EMAIL: DHENNESSY@SUNBURYOHIO.ORG

CITY OFFICIALS:

ADMINISTRATION:

JOESEPH ST. JOHN.....MAYOR
DARYL HENNESSY.....CITY ADMINISTRATOR
DANA STEFFAN..... DIRECTOR OF FINANCE
ROBERT HOWARD..... POLICE CHIEF
CARLA ODEBRALSKI..... CITY ENGINEER

COUNCIL:

JOHN GRUMNEYPRESIDENT
TIM GOSE COUNCIL MEMBER
DAVID MARTIN COUNCIL MEMBER
DAMIN CAPPEL COUNCIL MEMBER
CINDI COOPER COUNCIL MEMBER
MOLLY DRAYER COUNCIL MEMBER

CONSTRUCTION PLAN APPROVALS:

APPROVAL OF THESE PLANS DOES NOT CONSTITUTE ASSURANCE TO OPERATE AS INTENDED. THE REVIEWER DOES NOT ACCEPT RESPONSIBILITY FOR THE INTEGRITY OF THE PLANS.

Daryl Hennessy 2-11-25
DARYL HENNESSY, CITY ADMINISTRATOR, CITY OF SUNBURY
Carla Odebralski 2/11/2025
CARLA ODEBRALSKI, P.E., CITY ENGINEER, CITY OF SUNBURY

DESIGN ENGINEER:

THIS IS TO CERTIFY THAT GOOD ENGINEERING PRACTICES HAVE BEEN UTILIZED IN THE DESIGN OF THIS PROJECT AND THAT ALL MINIMUM STANDARDS FOR FAIRFIELD COUNTY, INCLUDING THOSE STANDARDS GREATER THAN MINIMUM WHERE, IN OUR OPINION, THEY ARE NEEDED TO PROTECT THE SAFETY OF THE PUBLIC. ANY VARIANCES TO THE ABOVE STANDARDS ARE CONSISTENT WITH SOUND ENGINEERING PRACTICES AND ARE NOT DETRIMENTAL TO THE PUBLIC SAFETY AND CONVENIENCE.

Dan Whited
DAN WHITED, P.E. NO. E-58078
2/04/25
DATE



COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

COVER SHEET

PROJECT NO.	241205
DISCIPLINE	CIVIL
SHEET NAME	COVR-SHT
SHEET	OF
1	18

GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE LATEST EDITION OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS, AND THE CITY OF SUNBURY SUBDIVISION REGULATIONS.
- THERE SHALL BE NO DEVIATION FROM THE APPROVED PLANS WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER OR THEIR REPRESENTATIVE. ANY DEVIATION FROM THESE PLANS WITHOUT PRIOR WRITTEN APPROVAL SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE.
- THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING AGENCY FOR ALL REQUIRED TESTING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT STAKING INCLUDING HORIZONTAL AND VERTICAL CONTROL. ANY DISCREPANCIES DISCOVERED IN THE PLAN INFORMATION, OR BETWEEN THE PLAN AND ELECTRONIC DATA SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN ENGINEER SO THE APPROPRIATE ADJUSTMENTS MAY BE MADE.
- ALL WORK SHALL BE LIMITED TO THE PROPERTIES AND EASEMENTS IDENTIFIED ON THE PLANS. ANY WORK WITHIN THE PUBLIC RIGHT OF WAY IS SUBJECT TO INSPECTIONS AND ENCROACHMENT PERMITS FROM THE JURISDICTION HAVING AUTHORITY OVER THE RIGHT-OF-WAY. REQUIREMENTS OF SUCH PERMITS ARE INCORPORATED INTO THESE DOCUMENTS BY REFERENCE.
- ANY DEFECTS IN CONSTRUCTION, INCLUDING MATERIALS OR WORKMANSHIP, SHALL BE REPLACED OR CORRECTED BY THE CONTRACTOR BY REMOVAL AND REPLACEMENT OR OTHER APPROVED METHODS PRIOR TO ACCEPTANCE BY THE OWNER WITH NO ADDITIONAL COMPENSATION.
- CONTRACTOR SHALL SUBMIT A PLAN OF OPERATIONS FOR REVIEW AND APPROVAL BY THE ENGINEER THAT WILL INDICATE EQUIPMENT STAGING AREAS, STOCKPILE LOCATION AND SANITATION FACILITIES.
- RIGHT-OF-WAY AND PROPERTY LINES SHOWN ARE PLOTTED FROM DELAWARE COUNTY G.I.S. MAPPING AND ARE APPROXIMATE AND NOT THE RESULT OF A FIELD BOUNDARY SURVEY.
- ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING CONSTRUCTION.
- NO CONSTRUCTION SHALL COMMENCE UNTIL ALL CITY OF SUNBURY PERMITS HAVE BEEN ISSUED AS REQUIRED.
- APPROPRIATE BARRICADES, WARNING LIGHTS, SIGNS, FENCING ETC. SHALL BE ERECTED AROUND THE CONSTRUCTION AREA DURING NON-WORKING HOURS TO ALERT PERSONS OF THE POTENTIAL DANGER ASSOCIATED WITH THE AREA UNDER CONSTRUCTION AS WELL AS TO PREVENT ACCESS BY UNAUTHORIZED PERSONNEL. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY OF THE GENERAL PUBLIC AS WELL AS ALL CONSTRUCTION PERSONNEL.
- ANY EXISTING ROADWAY, LAWN, CURB, SIDEWALK OR OTHER APPURTENANCE DISTURBED DURING CONSTRUCTION NOT DESIGNATED FOR REMOVAL OR REPLACEMENT SHALL BE RESTORED BY THE CONTRACTOR WITHOUT ADDITIONAL COMPENSATION TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED PRIOR TO DISTURBANCE.
- ANY TEMPORARY UTILITY REQUIRED BY THE CONTRACTOR (ELECTRIC, WATER ETC.) SHALL BE AT THE SOLE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PRESERVE ALL BENCHMARKS, PROPERTY LINE REFERENCES, REFERENCE POINTS, STAKES AND ANY OTHER SURVEY REFERENCE. IN CASE OF DISTURBANCE THE CONTRACTOR SHALL REPLACE THEM AT THE CONTRACTOR'S EXPENSE, BE RESPONSIBLE FOR ANY ERRORS THAT MAY BE CAUSED BY THEIR LOSS OR DISTURBANCE.
- ALL PR. CONCRETE PAVEMENT ABUTTING EXISTING PAVEMENT SHALL BE DOWELED INTO EXISTING CONCRETE PAVEMENT USING A ½" DEFORMED DOWEL WITH 9" MINIMUM EMBEDMENT.
- THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE
- FEDERAL, STATE AND LOCAL LAWS, PROVISIONS, AND POLICIES GOVERNING SAFETY AND HEALTH, INCLUDING THE FEDERAL CONSTRUCTION SAFETY ACT (PUBLIC LAW 91-54), FEDERAL REGISTER, CHAPTER XVII, PART 1926 OF TITLE 29 REGULATIONS, OCCUPATIONAL SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION, AND SUBSEQUENT PUBLICATIONS UPDATING THESE REGULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXAMINING THE AREAS AND CONDITIONS UNDER WHICH THE PROJECT IS TO BE CONSTRUCTED PRIOR TO THE SUBMISSION OF THE BID. SUBMISSION OF A BID SHALL BE CONSTRUED TO MEAN THE CONTRACTOR HAS REVIEWED THE SITE AND IS FAMILIAR WITH THE CONDITIONS AND CONSTRAINTS OF THE SITE.
- CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.

ACCESSIBILITY NOTES:

- ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) SHALL BE FOLLOWED IN ALL ASPECTS OF THE PROJECT.
- ALL SIDEWALKS INSTALLED SHALL HAVE A MAXIMUM CROSS SLOPE OF 2%.
- HANDICAP ACCESSIBLE PARKING SPACES SHALL NOT EXCEED A SLOPE OF 2% IN ANY DIRECTION.
- ALL CURB RAMPS SHOWN ALONG A DESIGNATED ACCESSIBLE ROUTE SHALL BE FLUSH WITH THE ADJACENT PAVEMENT.

UTILITY NOTES:

- THIS PLAN SHOWS THE APPROXIMATE LOCATION OF UNDERGROUND UTILITIES (GAS, WATER, STORM SEWER, SANITARY SEWER, TELEPHONE, ELECTRIC, ETC.). THE PREPARER DOES NOT GUARANTEE THEIR ACCURACY OR CORRECTNESS. THE INFORMATION PROVIDED SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE UTILITY AS WELL AS THE SERVICE LATERALS AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL PRACTICE CARE DURING THE GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE FOR REPLACING ANY SERVICES THAT ARE DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
- PRIOR TO ANY EXCAVATION OVER AN EXISTING UTILITY LINE OR SERVICE, CONTRACTOR SHALL HAND EXCAVATE TO EXPOSE THE UTILITY AND DETERMINE LOCATION AND DEPTH. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS.
- TOPS OF EXISTING AND PR. CASTING ELEVATIONS ARE SUBJECT TO FINAL ADJUSTMENTS AS APPROVED BY THE ENGINEER AND REQUIREMENTS OF UTILITY OWNER. THIS WORK WILL BE INCIDENTAL TO THE CONTRACT.
- FORTY-EIGHT (48) HOURS BEFORE EXCAVATION IS TO COMMENCE, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING AGENCIES: THE OHIO UTILITIES PROTECTION SERVICE AND ALL OTHER UTILITIES THAT MAY HAVE UNDERGROUND UTILITIES INVOLVING THIS PROJECT AND ARE NON-MEMBERS OF OHIO UNDERGROUND PROTECTION.
- THE SITE MAY CONTAIN EXISTING PRIVATELY OWNED UTILITIES. THESE HAVE BEEN SHOWN AS ACCURATELY AS POSSIBLE BASED ON EXISTING UTILITY INFORMATION, BUT THE PREPARER OF THESE DOCUMENTS DOES NOT ATTEST TO THEIR ACCURACY OR CORRECTNESS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A PRIVATE UTILITY MARKING AGENCY TO IDENTIFY AND LOCATE ALL PRIVATE UTILITIES WITHIN THE WORK SITE. THIS MAY INVOLVE THE EXCAVATION AND UNCOVERING OF UTILITIES TO VERIFY LOCATION. NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS. CONTRACT SHALL MAKE RECORDS OF ALL PRIVATE UTILITIES ENCOUNTERED DURING THE PROJECT.
- RECORD DRAWINGS OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT.
- WHERE THE PLANS PROVIDE FOR NEW CONDUIT TO BECONNECTED TO OR CROSS OVER OR UNDER AN EXISTING UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING UTILITY BOTH AS TO LINE AND GRADE BEFORE BEGINNING TO LAY THE NEW CONDUIT.

STORM & SANITARY NOTES:

- ALL STORM AND SANITARY ITEMS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND DETAILS AND CITY OF SUNBURY SUBDIVISION REGULATIONS.
- CONTRACTOR SHALL BE REQUIRED TO MAINTAIN STORM AND SANITARY SEWER FLOW THROUGHOUT THE PROJECT, FOR THE DURATION OF CONSTRUCTION. ALL COST FOR THE ABOVE SHALL BE INCIDENTAL TO THE CONTRACT.
- IF REQUIRED, CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND SCHEDULING STORM AND SANITARY SEWER INSPECTIONS AS SET OUT IN THE PRECONSTRUCTION MEETING.
- CONNECTIONS INTO EXISTING OR PR. STORM OR SANITARY SEWER STRUCTURES OR PIPES SHALL BE COMPLETED BY A CERTIFIED TAPPER.
- UNDERDRAIN CONSTRUCTION SHALL MEET THESE AND THE LATEST EDITION OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS, THE CITY OF SUNBURY SUBDIVISION REGULATIONS, AND STANDARD DRAWINGS, AND DETAILS SHOWN ON THIS PLAN. BEDDING, BACKFILLING, JOINTS, EXCAVATION AND INSTALLATION SHALL BE INCLUDED IN THE COST PER FOOT OF PIPE. UNDERDRAIN PIPE MATERIAL SHALL HAVE A MANNING'S "N" VALUE OF 0.013 OR LESS (UNLESS OTHERWISE SHOWN) AND BE RIGID / SMOOTH INTERIOR WALLED PVC SDR-35 PIPE, RIBBED PVC PIPE, A-2000 PVC PIPE, UNLESS OTHERWISE SHOWN.
- ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- CONTRACTOR SHALL ASSURE THAT THERE IS POSITIVE DRAINAGE TO W. GRANVILLE AVE. AND S. COLUMBUS ST. UPON PLACEMENT OF NEW PAVEMENT.
- STORM MAIN SEWERS SHALL BE ONE OF THE FOLLOWING:
 - POLYVINYL CHLORIDE PIPE (PVC) 4" -15" DIAMETER
 - ALL POLYVINYL CHLORIDE PIPE IN THIS SIZE RANGE SHALL CONFORM TO ASTM D-3034 SDR 35, SHALL BE INTEGRAL BELL AND SPIGOT TYPE, WITH JOINTS CONFORMING TO ASTM D-3212 AND ELASTOMERIC SEALS CONFORMING TO ASTM F-477.

WATER NOTES:

- CONTRACTOR MAY NOT USE WATER FROM FIRE HYDRANTS WITHOUT PRIOR PERMISSION FROM CITY OF SUNBURY.

GAS NOTES:

- ALL WORK RELATING TO GAS MAINS OR GAS SERVICE LINES SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE DIRECT ENERGY.

ELECTRIC NOTES:

- ALL WORK RELATING TO ELECTRIC LINES SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE DIRECT ENERGY.

MAINTENANCE OF TRAFFIC NOTES:

- ALL MAINTENANCE OF TRAFFIC PROCEDURES SHALL MEET THE REQUIREMENTS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND ITEM 614 OF THE LATEST EDITION OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS. THE CONTRACTOR SHALL MAINTAIN ACCESS TO LOCAL TRAFFIC (ACCESS TO RESIDENCES WITHIN CONSTRUCTION LIMITS) AT ALL TIMES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT SIGN, WARNING LIGHTS, BARRICADES, OR OTHER NECESSARY DEVICES TO MAKE THE SITE SAFE TO THE TRAVELING PUBLIC.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT TO THE ENGINEER AND THE OWNER A TRAFFIC CONTROL PLAN FOR THIS PROJECT.
- PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE CITY OF SUNBURY AND SUNBURY POLICE DEPARTMENT. AT ALL TIMES, EMERGENCY VEHICLES SHALL BE GIVEN ACCESS.
- RESIDENTS OF THE PROJECT AREA SHALL BE ALLOWED ACCESS TO THEIR PROPERTY AT ALL TIMES.
- ALTERNATE ROUTES OR CONTINUOUS TRAFFIC CONTROL SHALL BE EMPLOYED WHEN A PUBLIC WAY IS TEMPORARY BLOCKED DURING CONSTRUCTION, INCLUDING PEDESTRIAN AND BICYCLE FACILITIES. ADVANCED NOTICE SIGNS IN ACCORDANCE WITH THE MUTCD SHALL BE EMPLOYED.

GRADING & EROSION CONTROL NOTES:

- ALL DISTURBED AREAS ARE TO BE RESTORED (SEEDED AND MULCHED) BY THE CONTRACTOR AND SHALL PROCEED WITH JOB PROGRESSION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVING ANY EXCESS MATERIALS AT THE SITE AND MAINTAINING ALL SEEDED AND MULCHED AREAS UNTIL PROJECT COMPLETION AND FINAL INSPECTION. ALL DISTURBED AREAS SHALL BE RESTORED WITHIN TWENTY-ONE (21) DAYS AFTER CONSTRUCTION.
- ALL APPLICABLE RECOMMENDATIONS IN THE OHIO EPA'S RAINWATER AND LAND DEVELOPMENT MANUAL SHALL BE FOLLOWED BY THE CONTRACTOR, INCLUDING SEEDING OF DISTURBED GROUND.
- ADDITIONAL BMP'S AND EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY. ALL COST FOR ABOVE SHALL BE INCLUDED IN LUMP SUM BID FOR EROSION CONTROL AND WATER POLLUTION CONTROL.
- ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS AND MATERIALS OF CONSTRUCTION. THE DESIGN ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SUITABILITY OF MATERIAL UNDERLYING THE PROJECT SITE. THE CONTRACTOR SHALL PERFORM ANY INVESTIGATIONS OR TESTING NECESSARY TO ADEQUATELY DETERMINE OR ESTIMATE TO THEIR SATISFACTION ANY EXISTING SITE CONDITION WHICH COULD AFFECT HIS BID OR THE PERFORMANCE OF THE PR. IMPROVEMENTS. THIS COULD INCLUDE, BUT NOT BE LIMITED TO, UNSUITABLE OR UNSTABLE SOIL/SUBSURFACE CONDITIONS, ROCK, WATER (PERCHED OR FREE), OBSTRUCTIONS ETC.
- ALL TREES AND OTHER VEGETATION WITHIN THE PROJECT LIMITS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED, INCLUDING STUMP REMOVAL.
- THE CONTRACTOR SHALL REMOVE ALL SURPLUS DEMOLISHED AND WASTE MATERIALS, INCLUDING TREES, STUMPS, TRASH AND DEBRIS, FROM THE PROJECT LIMITS AND DISPOSE OF OFF-SITE. IN NO INSTANCE SHALL MATERIAL BE BURIED ON-SITE.
- THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIAL DEEMED UNSUITABLE FOR EMBANKMENT BY THE OWNER'S REPRESENTATIVE AND BE DISPOSED OF OFF-SITE.
- THE CONTRACTOR SHALL PROVIDE FINAL GRADING TO WITHIN 1" OF GRADES SHOWN ON THE PLANS.
- TOPSOIL SHALL BE STRIPPED AND STOCKPILED FROM ALL AREAS TO BE GRADED, TO WHATEVER DEPTH ENCOUNTERED, AND IN A MANNER TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL. SOIL SHALL NOT BE STOCKPILED NEAR THE EDGE OF EXCAVATIONS OR WITHIN DRIP LINES OF TREES TO REMAIN.
- EXCESS SOIL GENERATED FROM TRENCH EXCAVATIONS SHALL BE INCORPORATED IN THE UNIT PRICE BID FOR EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION. ANY EXCESS SOIL UNABLE TO BE PLACED ON-SITE OR DEEMED UNSUITABLE FOR EMBANKMENT BY THE ENGINEER SHALL BE DISPOSED OF OFF-SITE.
- THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS IN THE SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING REPORT FOR EXCAVATION AND EMBANKMENT TO CONSTRUCT THE IMPROVEMENTS AND ACHIEVE THE FINISHED GRADES SHOWN ON THE PLANS.
- NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE, RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE SHALL BE USED AS FILL.
- EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN CONDITIONS TO PREVENT PONDING OF WATER AFTER RAINS.
- ALL EXISTING AND PR. MANHOLE COVERS, VALVE BOXES, ETC. LOCATED WITHIN PEDESTRIAN ACCESS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE.
- SLOPE ALL PAVING AND LANDSCAPE AREAS AT A MINIMUM OF 1%.
- THE ENGINEER MAKES NO REPRESENTATION AS TO A BALANCED EARTHWORK SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE FINAL SITE GRADES AS INDICATED ON THE GRADING PLAN, INCLUDING THE IMPORT OR EXPORT OF MATERIAL IF REQUIRED TO ACHIEVE THE PR. GRADES. ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER REMOVAL AND DISPOSAL OF ALL SURPLUS EARTHWORK, DEBRIS OR WASTE FROM THE SITE. ALL COST FOR THE ABOVE SHALL BE INCLUDED IN THE CONTRACTORS BID PRICE FOR EXCAVATION AND/OR EMBANKMENT.
- THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY EARTHWORK OPERATIONS.
- MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF REPAIR AND/OR REPLACEMENT OF BMP'S.

LINETYPE LEGEND:

	EX. GAS LINE		PR. GAS LINE
	EX. GAS SERVICE		PR. GAS SERVICE
	EX. ELECTRIC (UG / OH)		PR. CABLE (UG / OH)
	EX. CABLE (UG / OH)		PR. TELEPHONE (UG / OH)
	EX. TELEPHONE (UG / OH)		PR. WATER MAIN
	EX. WATER MAIN		PR. WATER SERVICE
	EX. WATER SERVICE		PR. STORM SEWER
	EX. STORM SEWER		PR. UNDERDRAIN
	EX. ROOF DRAIN		PR. UNDERDRAIN / DOWNSPOUT COLLECTOR COMBO
	EX. SANITARY SEWER		PR. SANITARY SEWER
	EX. SANITARY FORCE MAIN		PR. SANITARY FORCE MAIN
	EX. FIBER OPTICS		PR. FENCE
	EX. FENCE		PR. CONTOURS (MAJOR)
	EX. CONTOURS (MAJOR)		PR. CONTOURS (MINOR)
	EX. CONTOURS (MINOR)		PR. RIGHT OF WAY
	EX. RIGHT OF WAY		PR. PROPERTY LINE
	EX. PROPERTY LINE		PR. EASEMENT
	EX. EASEMENT		PR. GUARDRAIL
	EX. GUARDRAIL		PR. TREE LINE / CLEARING LIMITS
	EX. TREE LINE		PR. DISTURBED LIMITS

SYMBOL LEGEND:

	EX. FLAGPOLE		PR. FLAGPOLE
	EX. MAILBOX		PR. MAILBOX
	EX. SIGN		PR. SIGN
	EX. CABLE PEDESTAL		PR. CABLE PEDESTAL
	EX. ELECTRIC PEDESTAL		PR. ELECTRIC PEDESTAL
	EX. PULL BOX		PR. PULL BOX
	EX. GROUND LIGHT		PR. GROUND LIGHT
	EX. LIGHT POLE		PR. LIGHT POLE
	EX. ELECTRIC METER		PR. ELECTRIC METER
	EX. ELECTRIC MANHOLE		PR. ELECTRIC MANHOLE
	EX. GAS METER		PR. GAS METER
	EX. GAS VALVE		PR. GAS VALVE
	EX. GAS BOX		PR. GAS BOX
	EX. UTILITY POLE		PR. UTILITY POLE
	EX. GUY WIRE / ANCHOR		PR. GUY WIRE / ANCHOR
	EX. SANITARY MANHOLE		PR. SANITARY MANHOLE
	EX. SANITARY CLEANOUT		PR. SANITARY CLEANOUT
	EX. STORM MANHOLE		PR. STORM MANHOLE
	EX. SINGLE / DOUBLE CURB INLET		PR. SINGLE / DOUBLE CURB INLET
	EX. CATCH BASIN		PR. CATCH BASIN
	EX. STORM CLEANOUT		PR. STORM CLEANOUT
	EX. TELEPHONE MANHOLE		PR. TELEPHONE MANHOLE
	EX. TELEPHONE PEDESTAL		PR. TELEPHONE PEDESTAL
	EX. FIRE HYDRANT		PR. FIRE HYDRANT
	EX. WATER METER		PR. WATER METER
	EX. WATER VALVE		PR. WATER VALVE
	EX. BUSHES / TREES		REMOVE EXISTING BUSH / TREE
	EX. SURVEY BENCHMARK		PR. SLOPE DIRECTION
	TEST BORING LOCATION		

ESTIMATE OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY
103	BONDS, INSURANCE, ETC.	LS	1
201	CLEARING AND GRUBBING, AS PER PLAN	LS	1
202	REMOVAL MISC: MISC. SITE ITEMS, AS PER PLAN	LS	1
202	EXCAVATION AND REMOVAL OF EXISTING PAVEMENT & BASE, AS PER PLAN	SY	836
203	EXCAVATION	CY	900
203	EMBANKMENT	CY	100
203	SPECIAL - BIORETENTION CELL, AS PER PLAN	EA	3
204	SUBGRADE COMPACTION	SY	2822
253	CONCRETE APRON OR DRIVE REPLACEMENT, AS PER PLAN	SF	793
304	AGGREGATE BASE, AS PER PLAN	CY	488
518	4" PERFORATED CORRUGATED PLASTIC PIPE, AS PER PLAN	LF	579
602	MASONRY, MISC: BLOCK MASONRY WALL WITH BRICK VENEER, AS PER PLAN	LS	1
607	FENCE MISC: TEMPORARY SAFETY FENCE - 4" PLASTIC	LF	650
608	4 INCH CONCRETE WALK	SF	1410
608	BRICK PAVERS, PAVEMENT, PERMEABLE	SF	13,180
608	BRICK PAVERS, PEDESTRIAN, WITH AGGREGATE BASE, AS PER PLAN	SF	305
608	CURB RAMP, AS PER PLAN	SF	300
608	CURB EDGE RESTRAINT, AS PER PLAN	LF	75
609	CURB, TYPE 6, AS PER PLAN	SF	928
609	COMBINATION CURB AND GUTTER, TYPE 2	LF	300
611	CONDUIT, MISC - CLEAN OUT	EA	4
611	INLET, YARD DRAIN, AS PER PLAN	EA	3
614	MAINTAINING TRAFFIC, AS PER PLAN	LS	1
623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LS	1
624	MOBILIZATION	LS	1
625	LIGHT POLE, ORNAMENTAL, AS PER PLAN	EA	8
625	POWER SERVICE, AS PER PLAN	LS	1
625	TRENCH, AS PER PLAN	LF	600
625	CONDUIT, 1-1/4", 725.04, AS PER PLAN	LF	600
630	SIGN, FLAT SHEET WITH MOUNTING POST	EA	2
642	PAVEMENT MARKINGS	LS	1
651	TOPSOIL STOCKPILED OR REMOVED, AS PER PLAN	CY	470
659	SEEDING AND MULCHING, CLASS 1, AS PER PLAN	SY	500
661	DECIDUOUS TREES - 2" CALIPER	EA	15
661	EVERGREEN TREES - 6" HEIGHT	EA	3
661	DECIDUOUS SHRUBS - 18" HEIGHT	EA	62
661	DECIDUOUS SHRUBS - 24" HEIGHT	EA	28
661	PERENNIALS	EA	66
661	MULCH, AS PER PLAN	CY	17
661	PLANTING MISC: PLANTING MIX	CY	52
680	SPECIAL - BENCH	EA	3
690	SPECIAL - BICYCLE RACK	EA	1
690	SPECIAL - CONCRETE PARKING BLOCK	EA	2
832	EROSION CONTROL, AS PER PLAN	LS	1

verdantas

ISSUED FOR:

ISSUE DATE:

SCALE:

DESIGNED BY:

DRAWN BY:

CHECKED BY:

DATE

NO

REVISION

BID SET

2/10/25

AS SHOWN

BKU

BKU

DW

COLUMBUS STREET PARKING LOT

- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

GENERAL NOTES, LEGEND, & QUANTITIES

PROJECT NO.

241205

DISCIPLINE

CIVIL

SHEET NAME

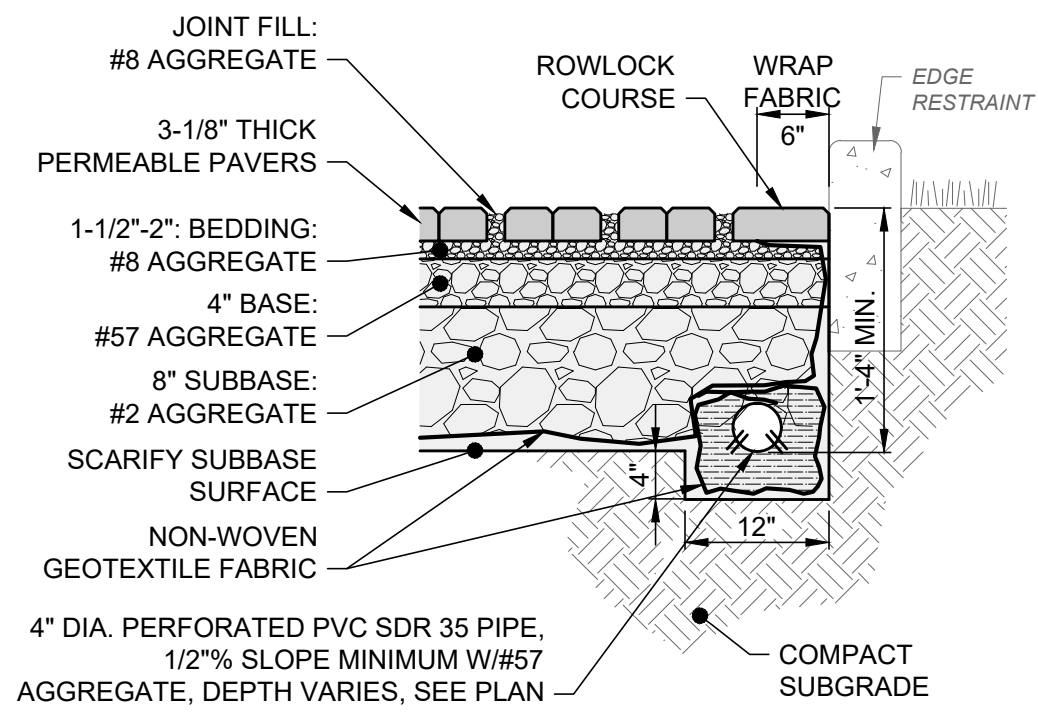
NOTE-QYTS

SHEET

2

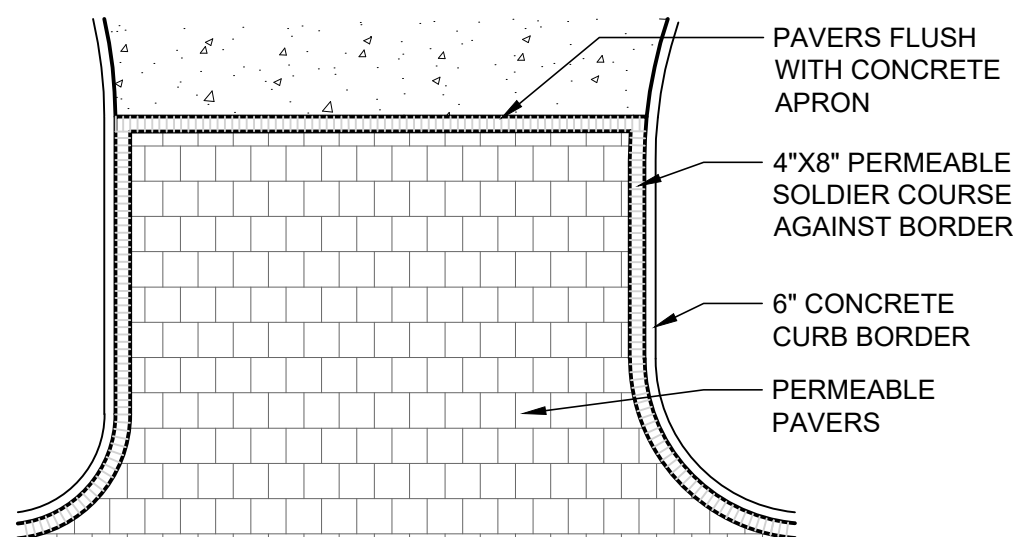
OF

18

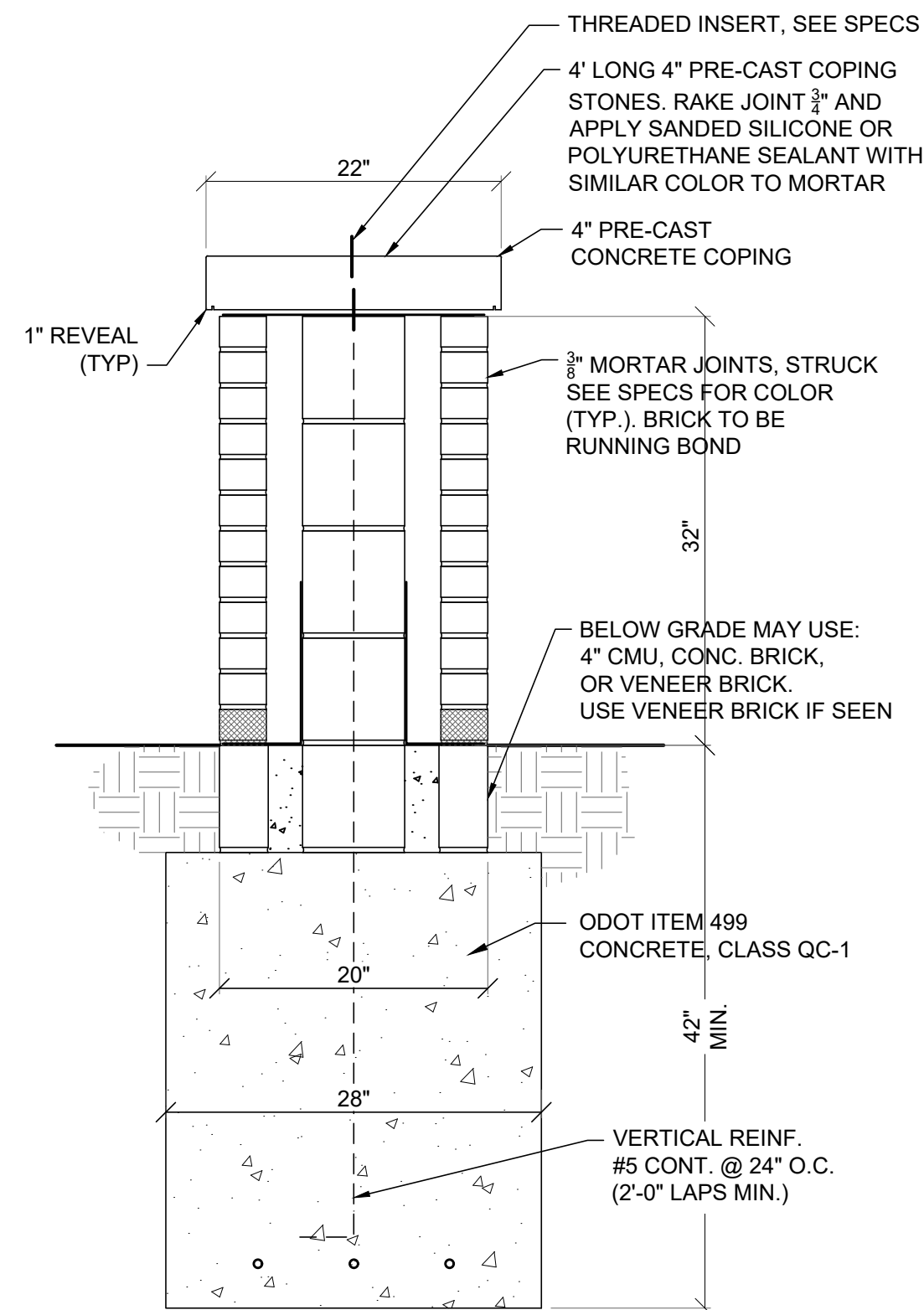


- NOTES:
1. AGGREGATE UNDER PERMEABLE PAVERS SHALL BE WASHED, COURSE, INTERLOCKING.
 2. SUBGRADE MUST SLOPE TOWARDS THE PERFORATED PIPE. SEE UTILITY PLAN FOR PIPE LOCATIONS AND ELEVATIONS.
 3. PAVERS SHALL BE PLACED IN PATTERNS SHOWN ON THE LAYOUT PLAN.
 4. DO NOT USE SEALER ON THE PERMEABLE PAVERS.

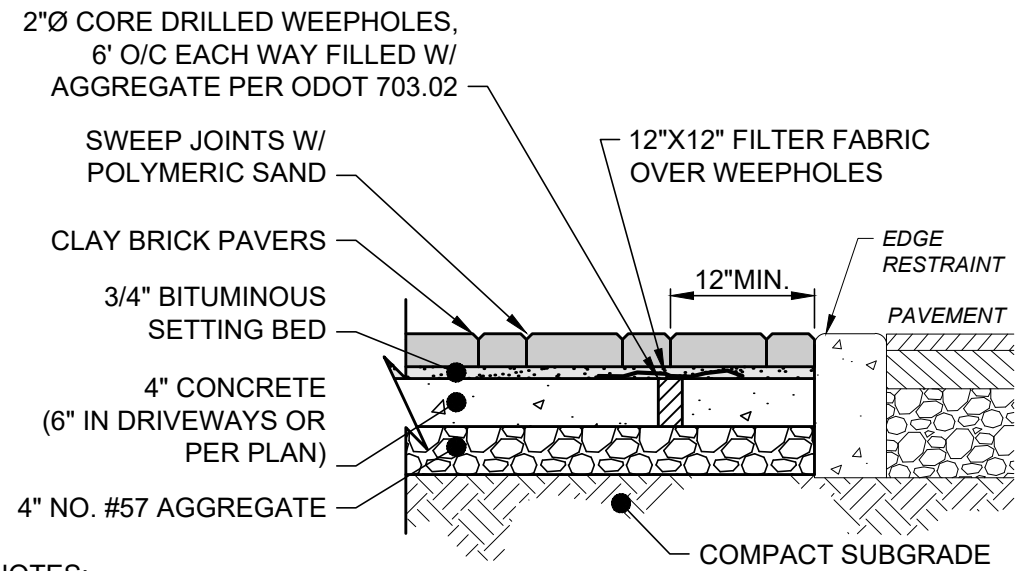
PERMEABLE PAVER DETAIL
NTS



PERMEABLE PAVER PATTERN DETAIL
NTS

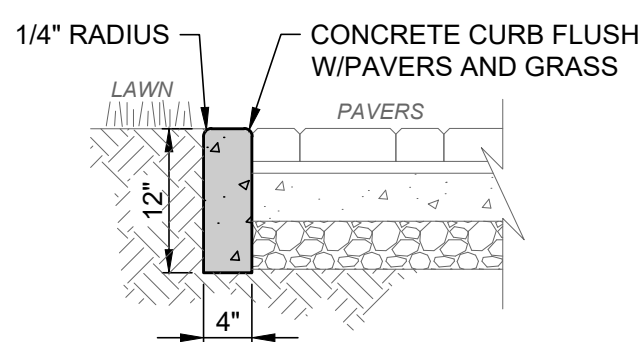


WALL SECTION
20\"/>



- NOTES:
1. CONCRETE SHALL BE ODOT ITEM 499, CLASS QC-1.
 2. PAVERS SHALL BE PLACED IN PATTERNS SHOWN ON THE LAYOUT PLAN WITH HAND TIGHT JOINTS NOT TO EXCEED 1/8\"/>
 3. PAVERS SHALL BE SAW CUT AS REQUIRED TO ELIMINATE EXCESSIVE JOINT WIDTHS. DO NOT USE FILLERS TO FILL JOINTS OF EXCESSIVE WIDTH; RESET AND SAW CUT PAVERS AS REQUIRED TO ELIMINATE EXCESSIVE JOINT WIDTHS.
 4. PAVERS TO MATCH EXISTING WALK PAVERS AROUND THE SQUARE.

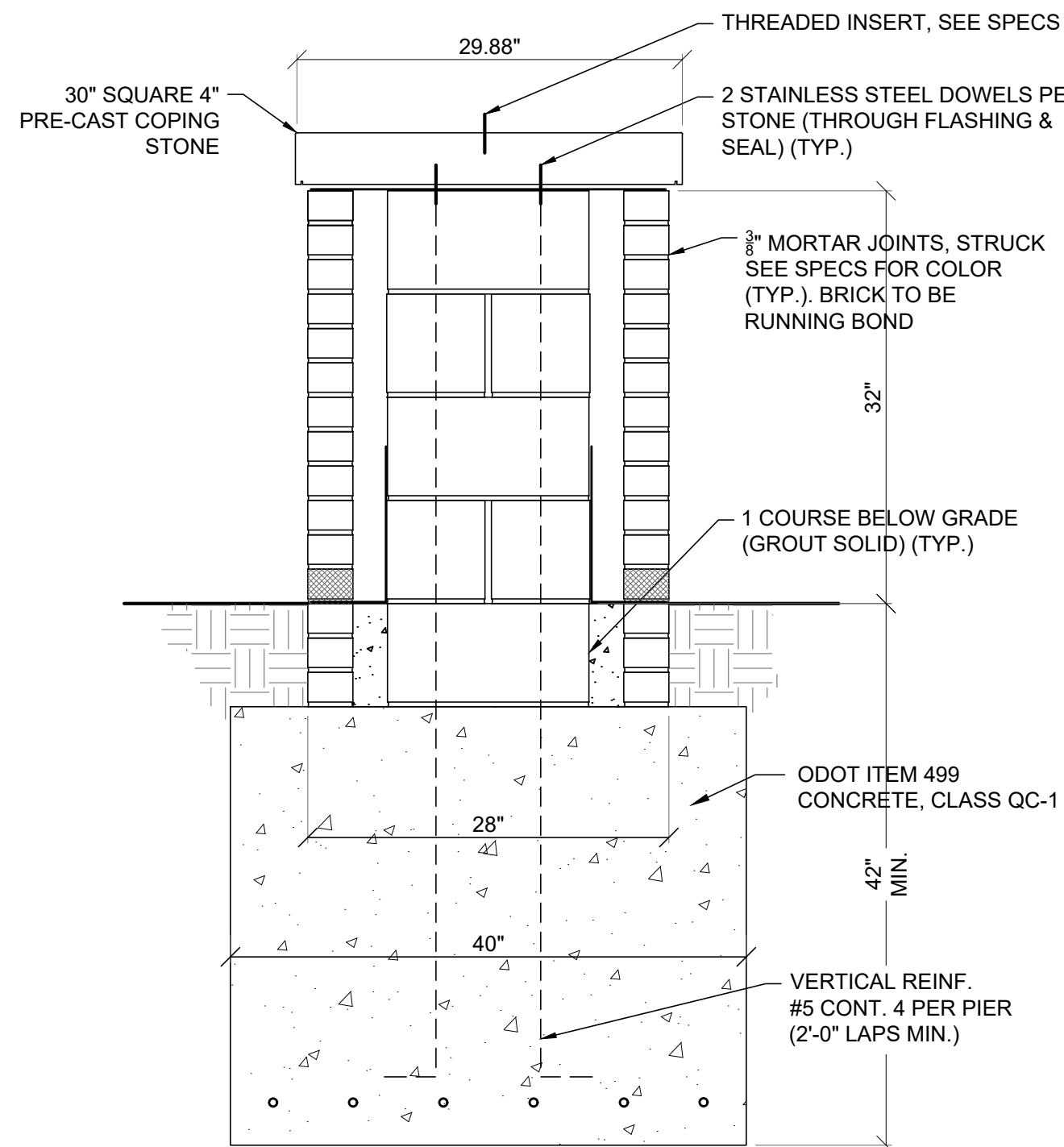
BRICK PAVERS DETAIL
NTS



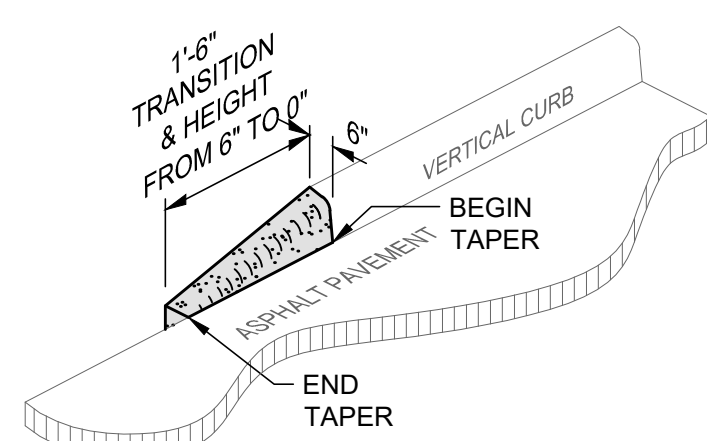
ADJACENT TO LAWN OR PLANTING AREA

- NOTES:
1. CONCRETE SHALL BE ODOT ITEM 499, CLASS QC-1.

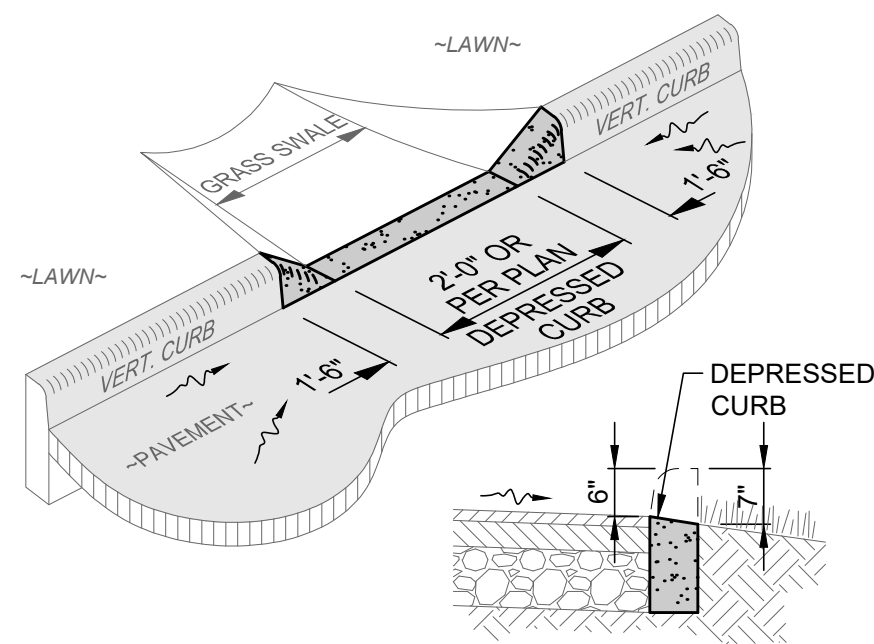
PLAZA BRICK PAVER EDGE DETAIL
NTS



SHORT WALL COLUMN SECTION
28\"/>



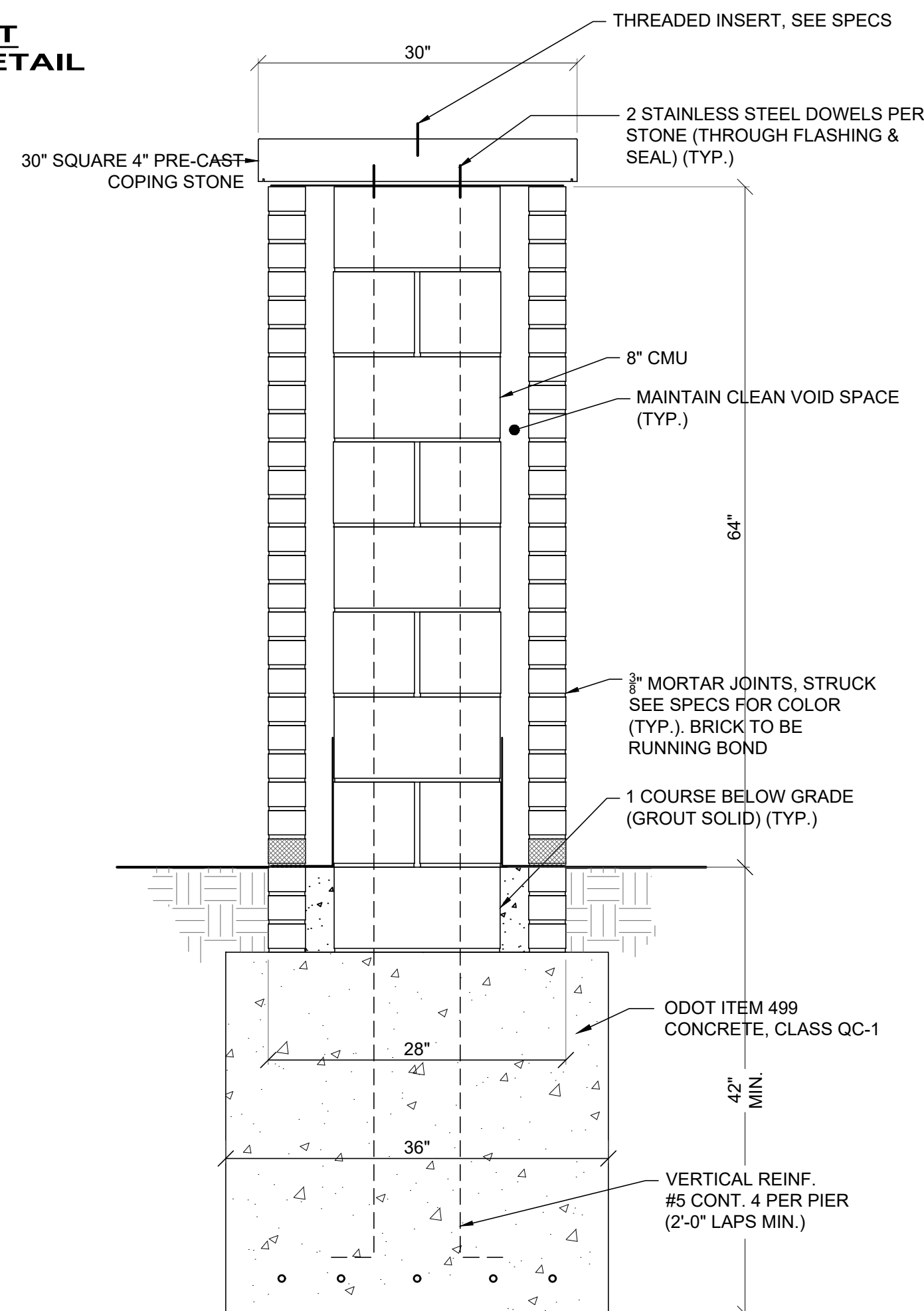
VERTICAL CURB TRANSITION TO PAVEMENT DETAIL
NTS



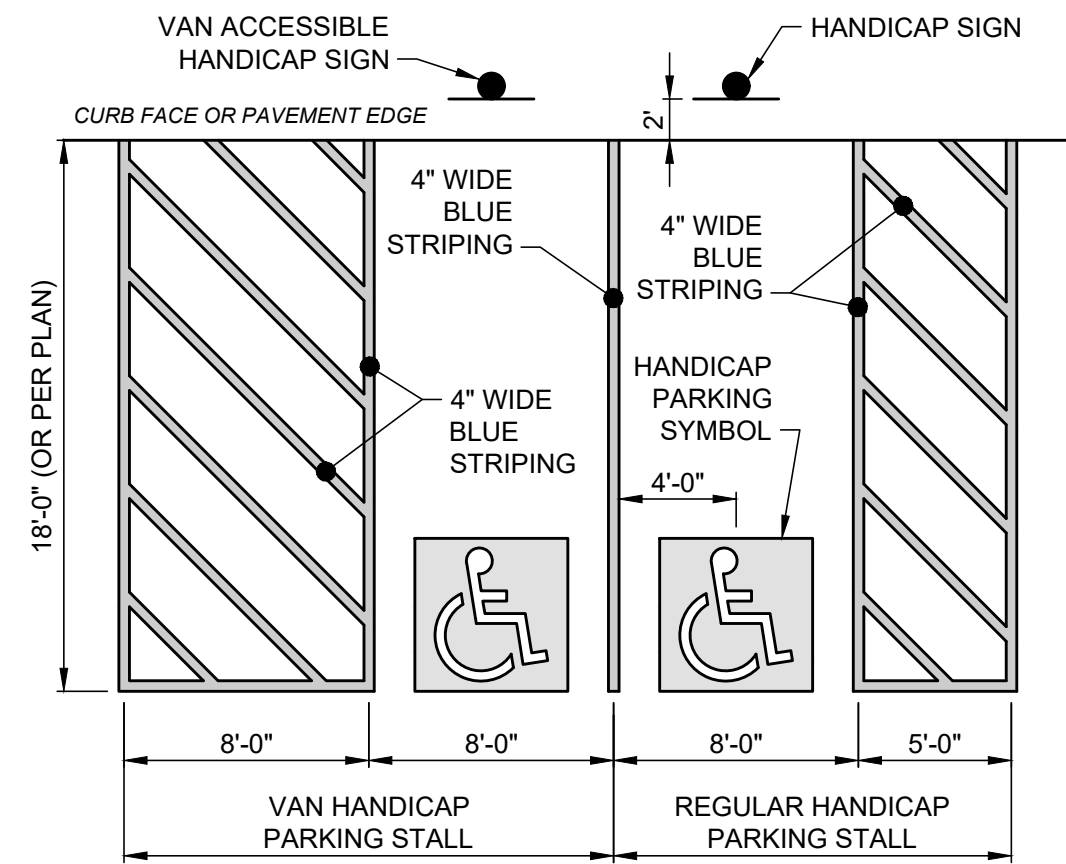
CROSS SECTION

- NOTES:
1. DEPRESSED CURB EDGE SHALL BE FLUSH WITH PAVEMENT AND SLOPED TOWARDS SWALE.
 2. THIS DETAIL SHOWS A VERTICAL CURB FOR REFERENCE ONLY. SEE SITE PLAN FOR ACTUAL TYPE OF CURB.

DEPRESSED CURB AT BIORETENTION BASIN DETAIL
NTS

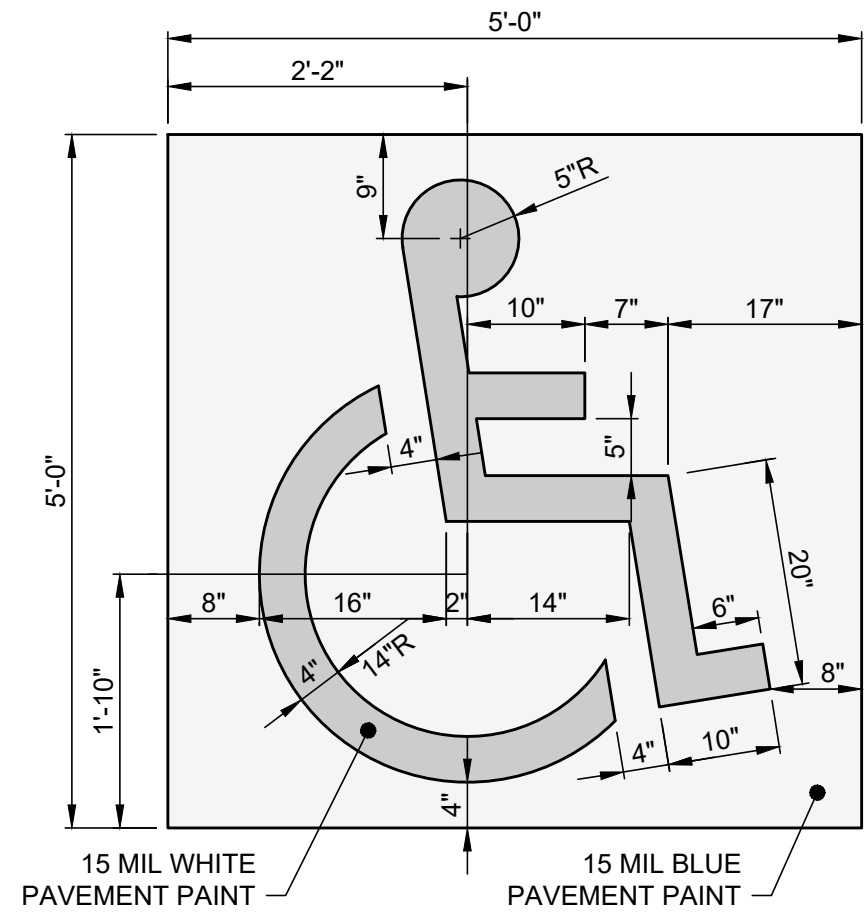


TALL COLUMN
28\"/>

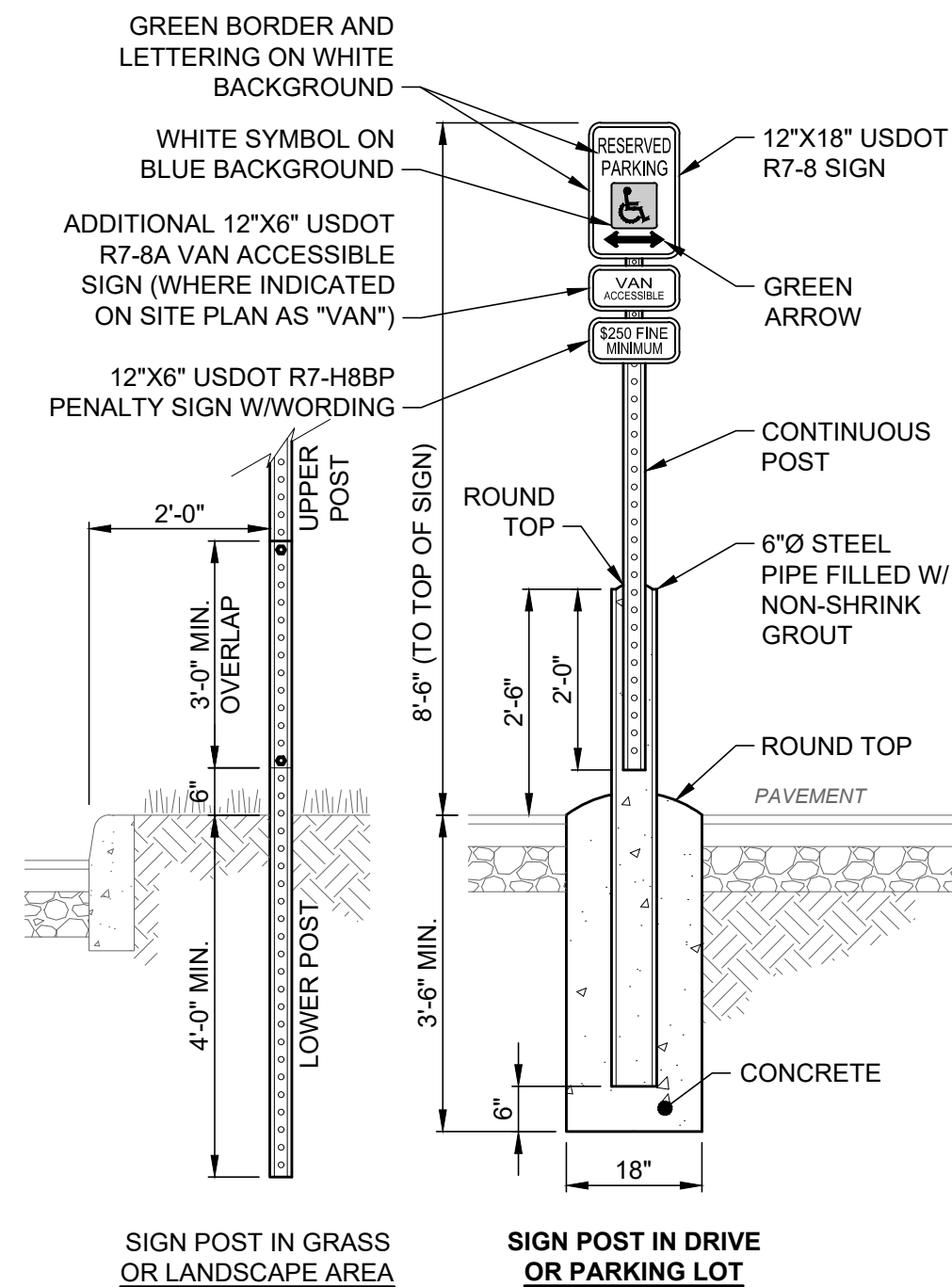


- NOTES:
1. THIS DETAIL IS FOR REFERENCE AND DIMENSION CONTROL ONLY; SEE LAYOUT PLAN FOR ACTUAL CONFIGURATIONS AND NOT ALL ITEMS SHOWN MAY APPLY.
 2. SEE SEPARATE DETAILS FOR SIGNS AND ACCESSIBLE PARKING SYMBOL.

ACCESSIBLE PARKING LAYOUT DETAIL
NTS



ACCESSIBLE PARKING SYMBOL DETAIL
NTS

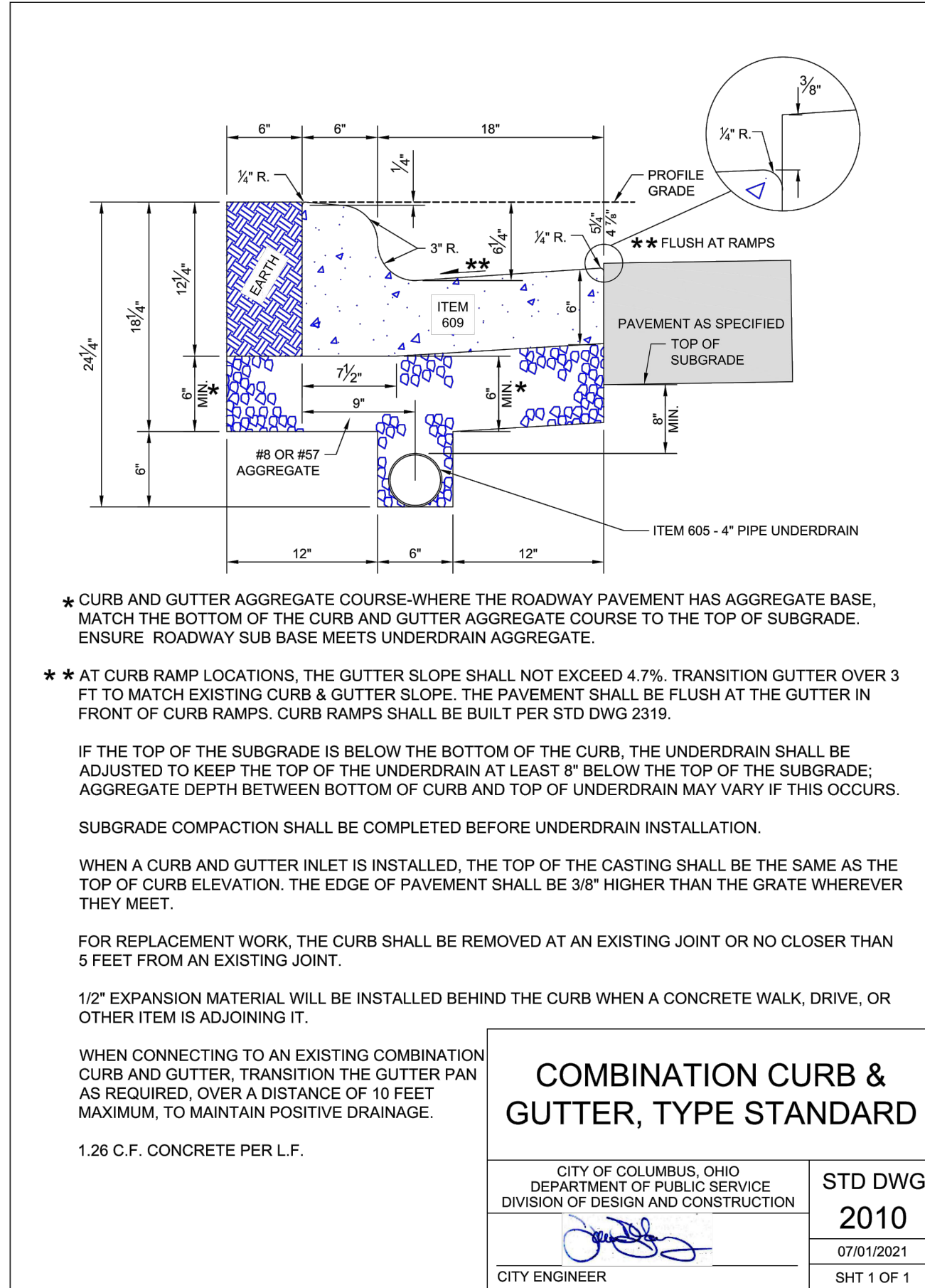
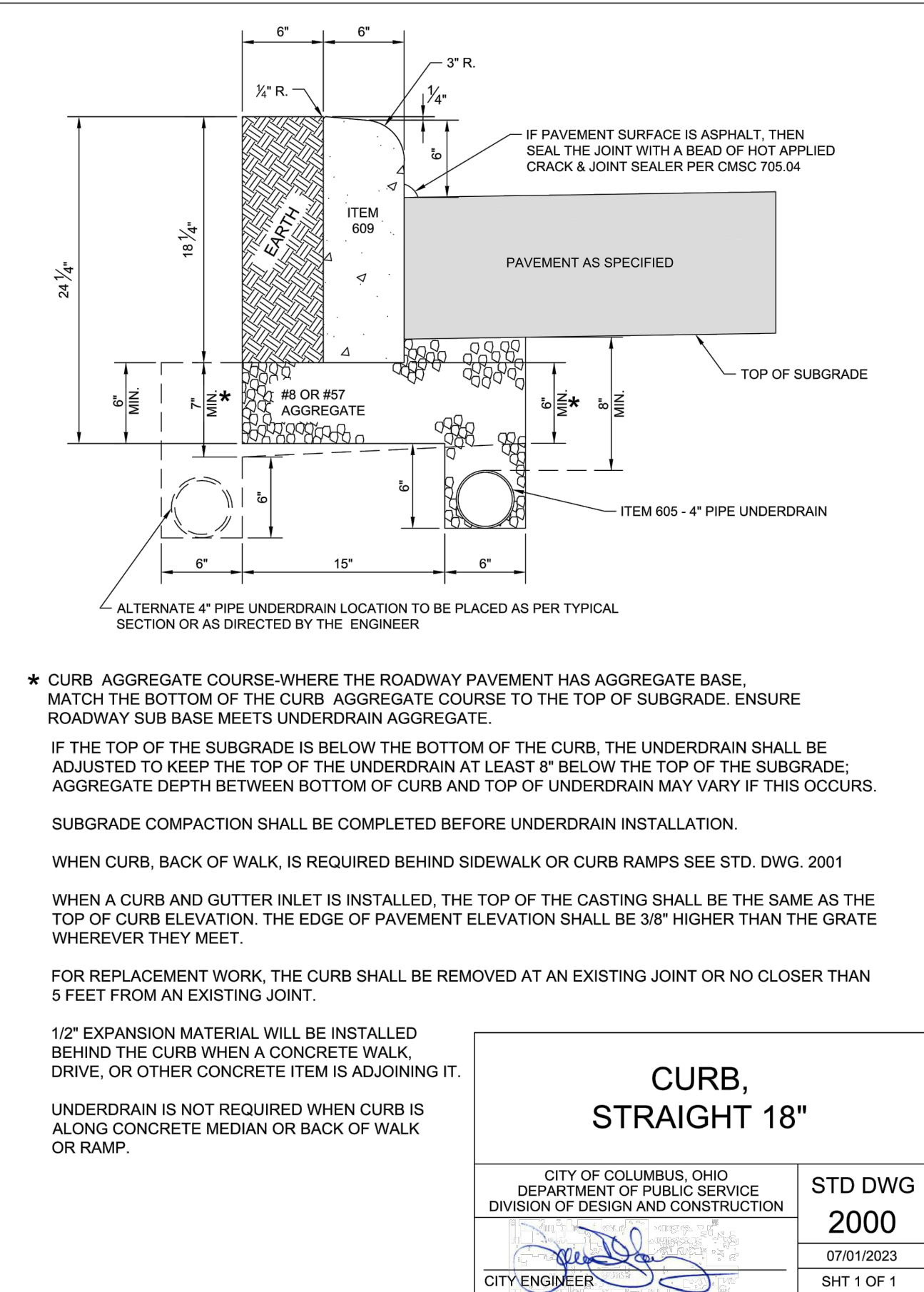
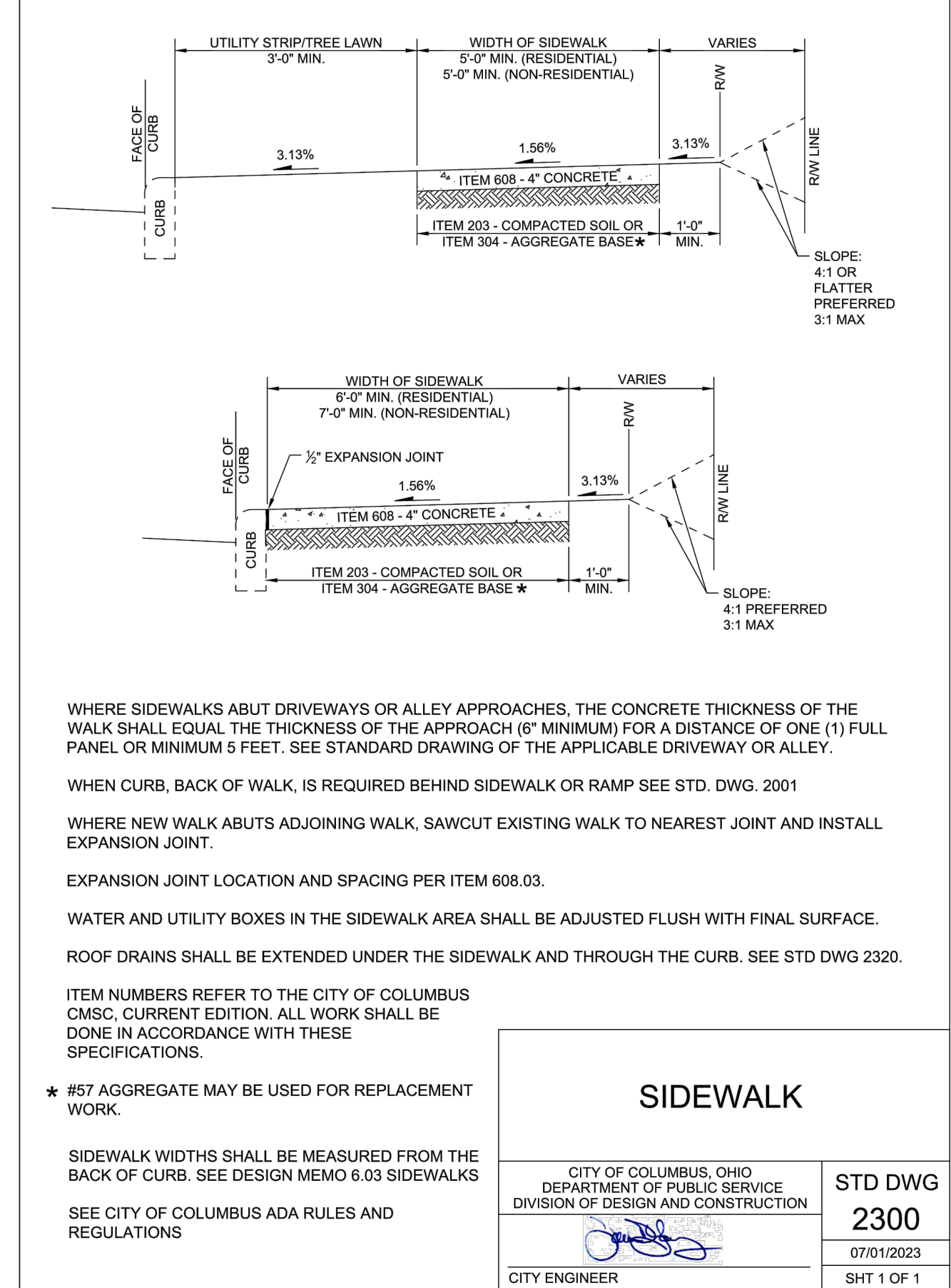
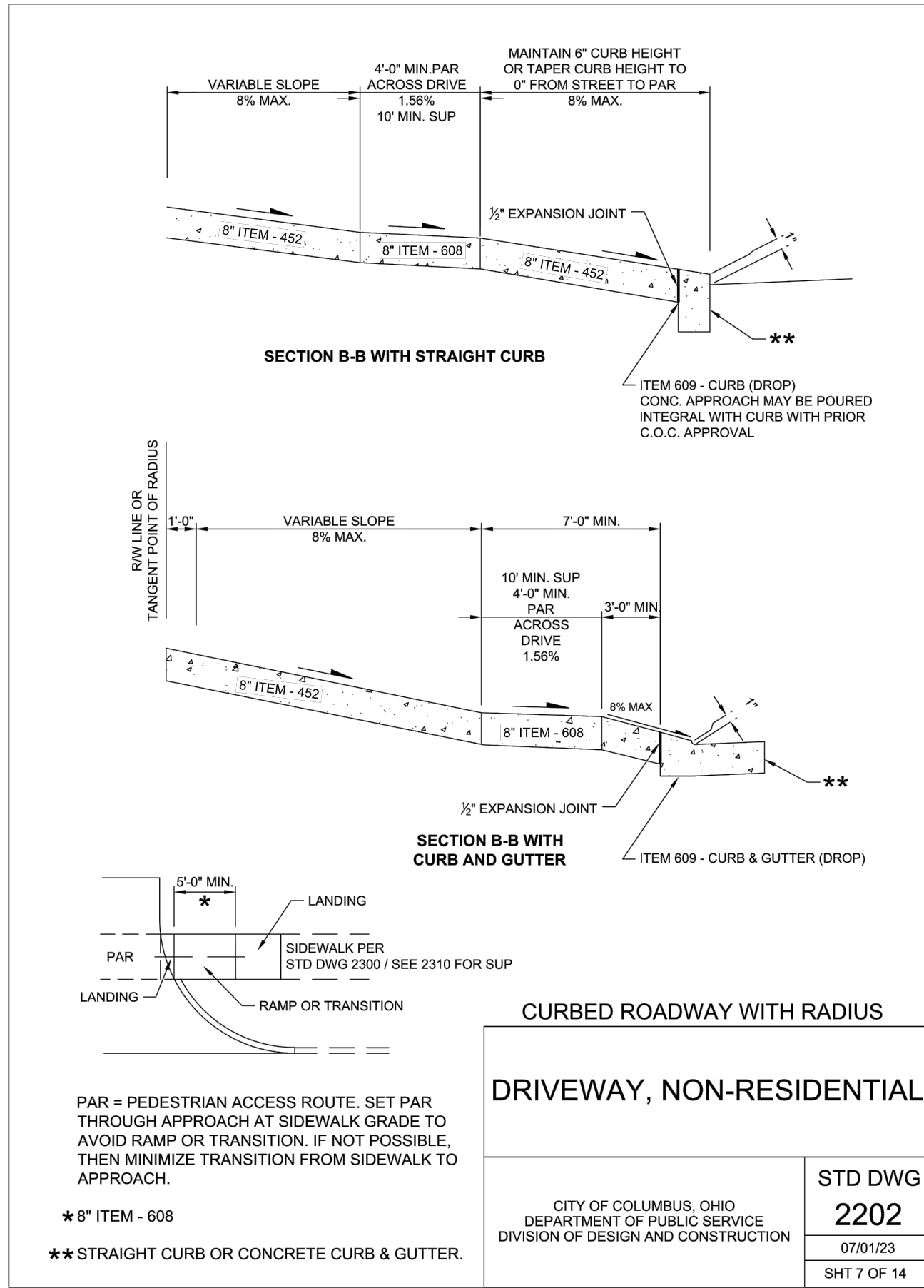
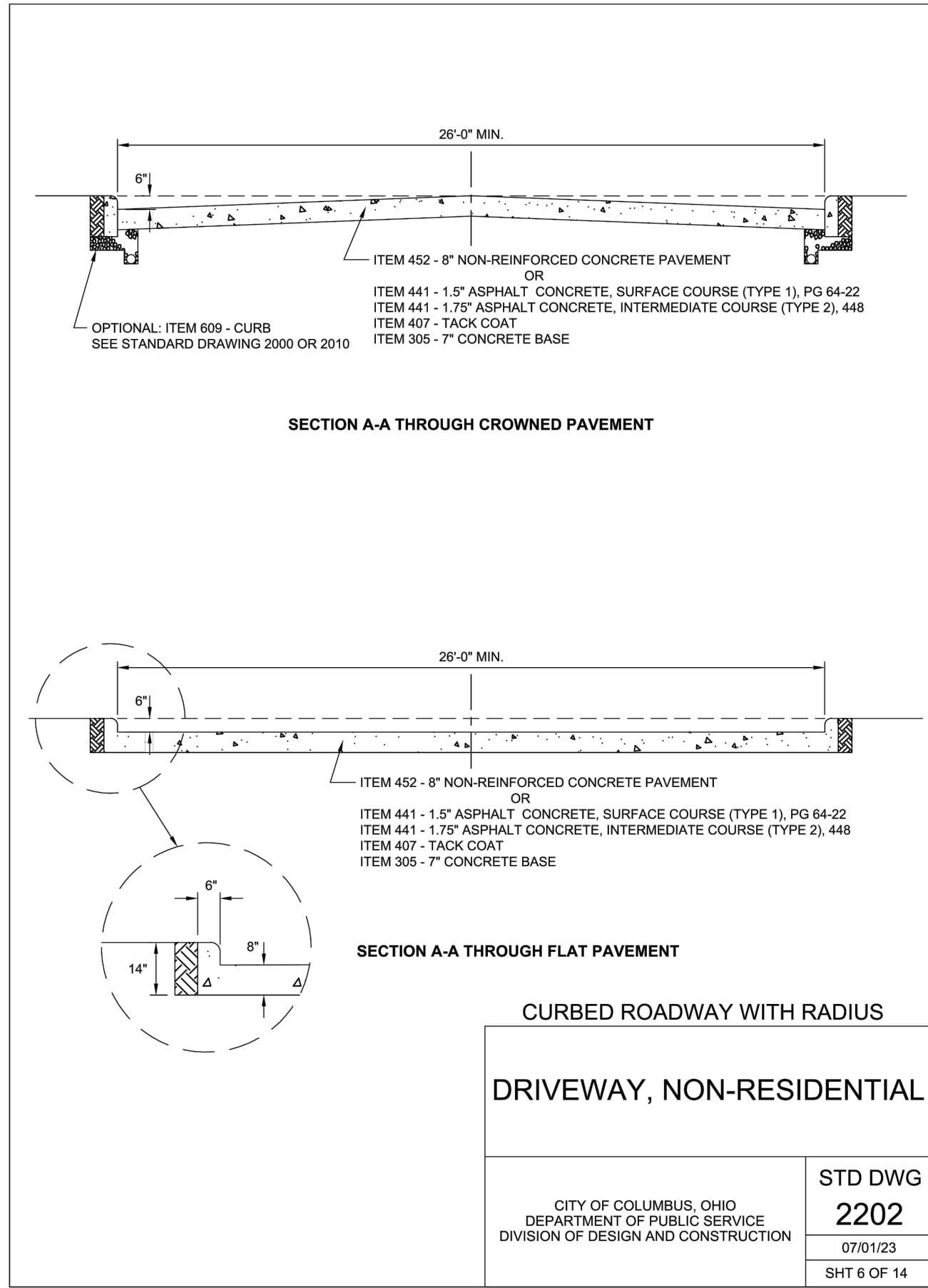
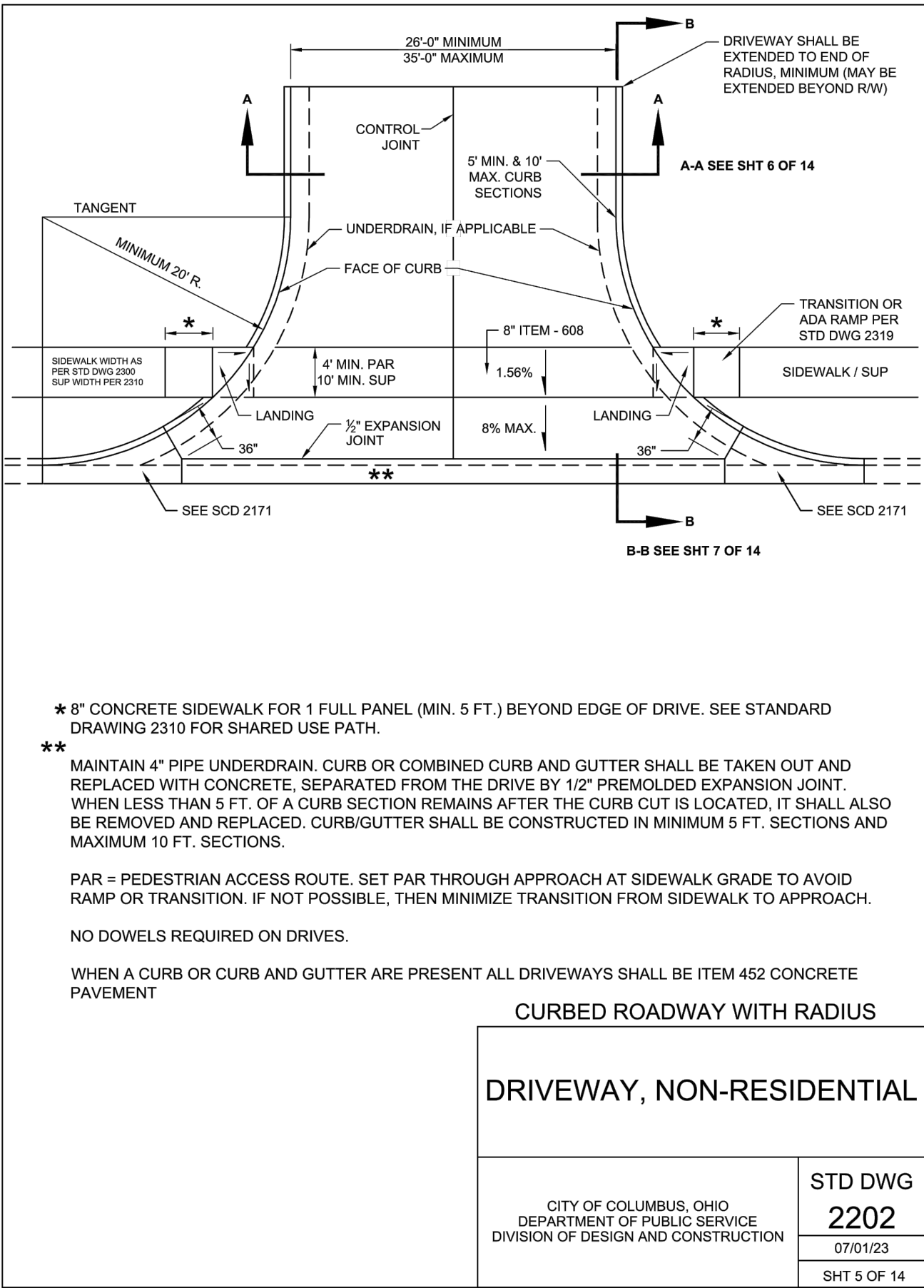


- NOTES:
1. ALL CONCRETE SHALL BE ODOT ITEM 499, CLASS QC-1.
 2. POST SHALL BE 2 LB/FT GALVANIZED STEEL U-CHANNEL WITH 3/8\"/>
 3. PAINT STEEL PIPE TRAFFIC YELLOW OR COLOR PER PLAN.
 4. LOCATE SIGNS ON BOTH SIDES WHERE ACCESSIBLE PARKING STALLS FACE EACH OTHER.

'ACCESSIBLE PARKING' SIGN W/ POST DETAIL
NTS

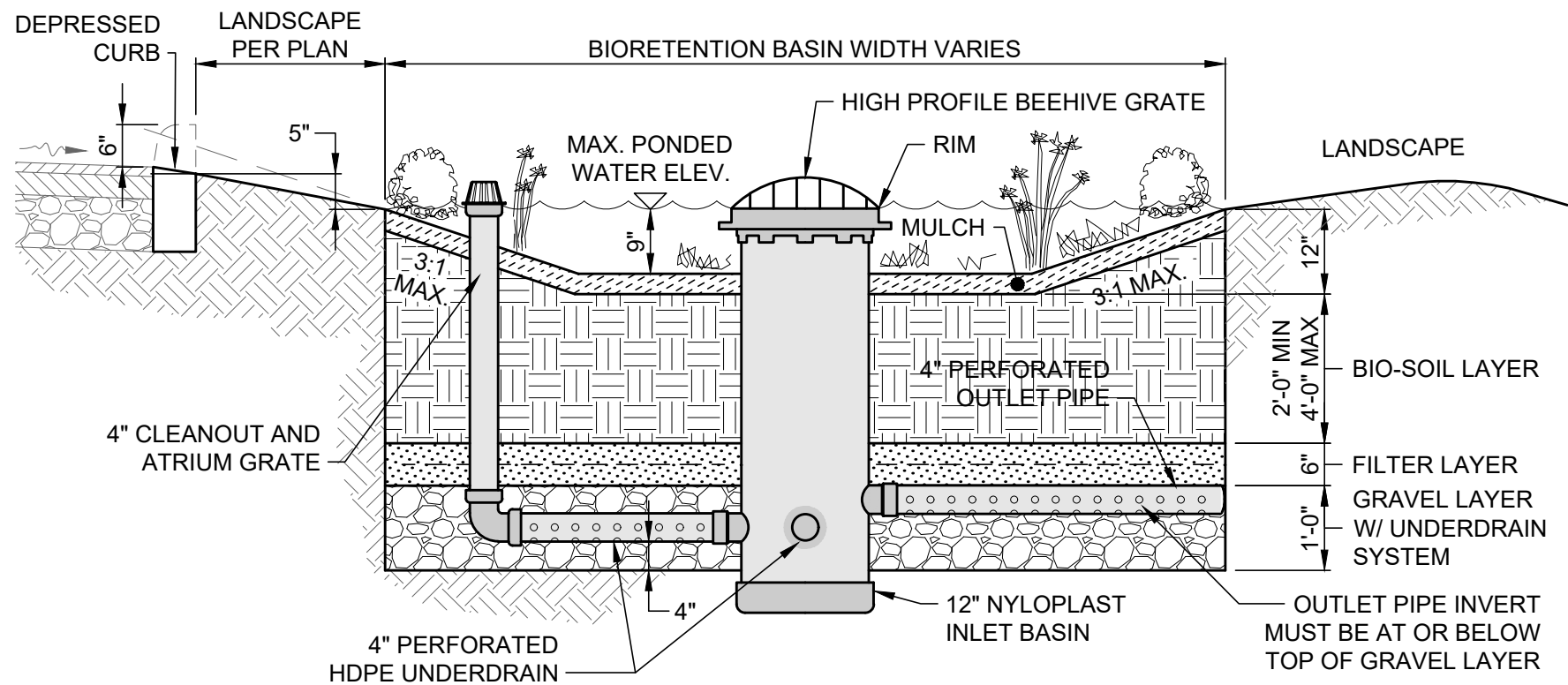
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			2/10/25		2/10/25	AS SHOWN	BKU	BKU	DW

PROJECT NO.	241205
DISCIPLINE	CIVIL
SHEET NAME	CONS-DET1
SHEET	OF
3	18



ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/10/25			
SCALE:	AS SHOWN			
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DRAWN BY:	BKU			
CHECKED BY:	DW			

PROJECT NO.	241205
DISCIPLINE	CIVIL
SHEET NAME	CONS-DET2
SHEET	OF
4	18

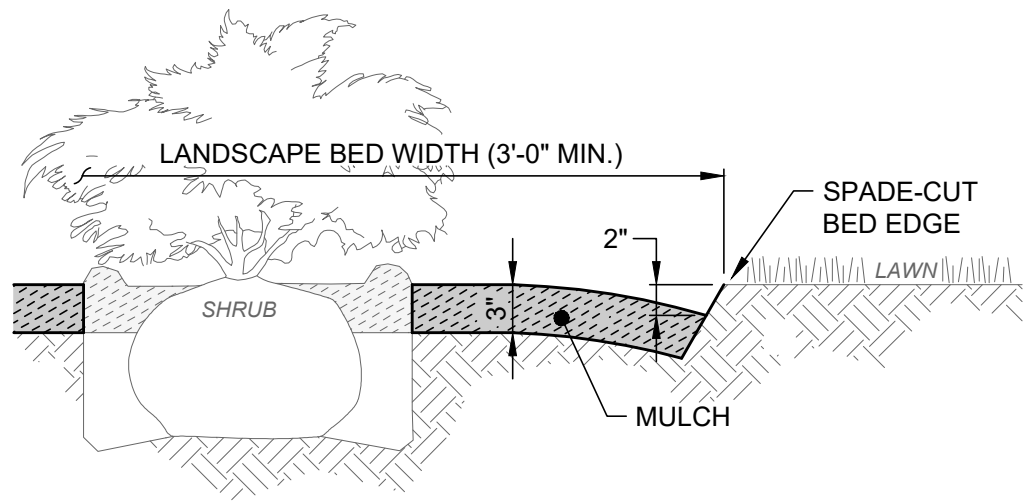


NOTES:

- THIS DETAIL IS FOR REFERENCE AND DIMENSION CONTROL ONLY; NOT ALL ITEMS SHOWN MAY APPLY. SEE VARIOUS PLAN SHEETS FOR ACTUAL CONFIGURATION, CONTOURS, INLET BASIN AND PIPE SIZES, QUANTITIES, ELEVATIONS, PIPE SLOPES AND LANDSCAPING PLACEMENT.
- CONSTRUCT THE BIORETENTION BASIN ONLY AFTER EARTHWORK ACTIVITIES ARE COMPLETE AND UPSLOPE DRAINAGE AREAS STABILIZED. DO NOT USE THE BIORETENTION BASIN FOR SEDIMENT CONTROL.
- DO NOT OPERATE EQUIPMENT, INCLUDING BOB CATS, WITHIN THE BIORETENTION BASIN DURING BACKFILLING, PLANTING OR MULCHING TO AVOID COMPACTING BIO-SOIL. ALSO AVOID COMPACTON BY FOOT TRAFFIC. CONTRACTOR SHALL REMEDIATE ANY COMPACTED SOILS BY FRACTURING WITH A TILLAGE DEVICE.
- PAINT ALL PVC APPURTENANCES EXTRUDING FROM THE GROUND SURFACE BLACK (E.G. NYLOPLAST INLET BASIN, RISER PIPE, CLEANOUT CAP, ETC.).
- ROCK SHALL BE 4" TO 6" DIA. RIVERSTONE COBBLES (50%) WITH 1" TO 3" DIA. RIVERSTONE COBBLES (50%).
- MULCH SHALL BE 3" THICK COARSE SHREDDED HARDWOOD MULCH, DARK BROWN OR BLACK COLOR, FREE OF WEEDS, CHAFF OR OTHER FOREIGN MATERIAL.
- BIO-SOIL SHALL BE CERTIFIED BY A QUALIFIED LABORATORY MEETING THE FOLLOWING ATTRIBUTES:
 - TEXTURE CLASS: LOAMY SAND
 - SAND CONTENT: $\geq 80\%$
 - CLAY CONTENT: $\leq 10\%$
 - pH RANGE: 5.2-8.0
 - SOLUBLE SALTS: 500 PPM MAX
 - DECOMPOSED ORGANIC MATTER: 3%-5% BY WEIGHT, OR 8%-20% BY VOLUME
 - PHOSPHORUS: 15-60 PPM (10-30 PPM FOR SITES WITH PHOSPHORUS TMDL OR HIGH PHOSPHORUS LOADS)
 - SAND ADDED SHALL BE CLEAN AND MEET AASHTO M-6 OR ASTM C-33 WITH A GRAIN SIZE OF 0.02"-0.04"
- GRAVEL LAYER AND UNDERDRAIN SYSTEM SHALL BE NO. 57 WASHED STONE.
- FILTER LAYER SHALL BE 3" MEDIUM CONCRETE SAND (ASTM C-33) OVER 3" NO. 8 STONE (PEA GRAVEL).

BIORETENTION BASIN DETAIL

NTS

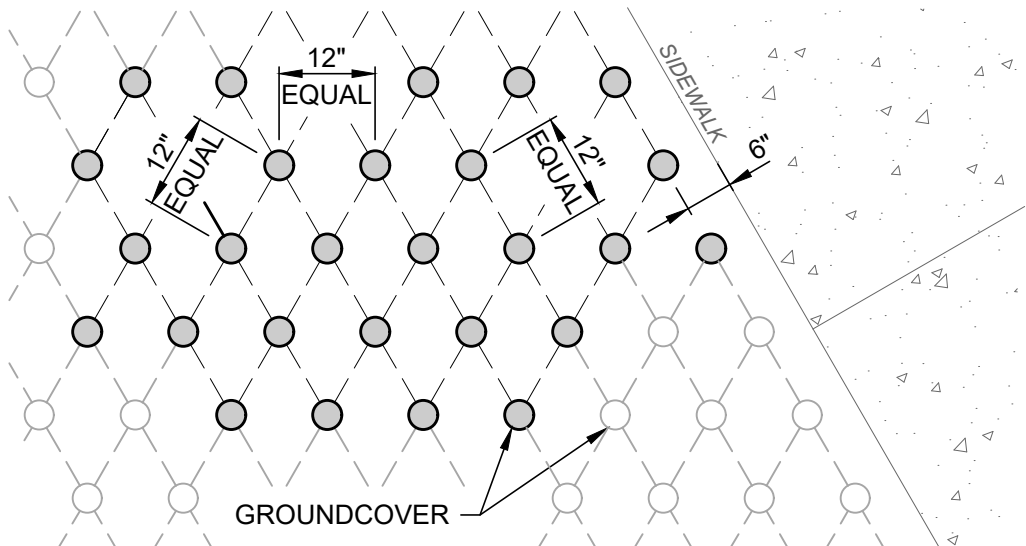


NOTES:

- MULCH SHALL BE DOUBLE SHREDDED HARDWOOD BARK MULCH, DARK BROWN OR BLACK COLOR PER OWNER CHOICE, EXTRA FINE WITH TEXTURE AT 1-1/2" OR LESS FREE OF WEEDS, CHAFF OR OTHER FOREIGN MATERIAL.
- MULCH SHALL BE PLACED IN ALL PLANTING AREAS SPREAD TO A SMOOTH, UNIFORM SURFACE PLANE WITH CRISP STRAIGHT AND SMOOTH CURVED MULCH BED EDGES. BED EDGES SHALL BE CUT IN "V" SHAPE WITH 60° ANGLE TO GROUND.
- THIS DETAIL SHOWS A SHRUB FOR REFERENCE ONLY. SEE LANDSCAPE PLAN FOR ACTUAL PLANT TYPES AND LOCATIONS, AND CONFIGURATION OF BEDS.

MULCH BED DETAIL

NTS

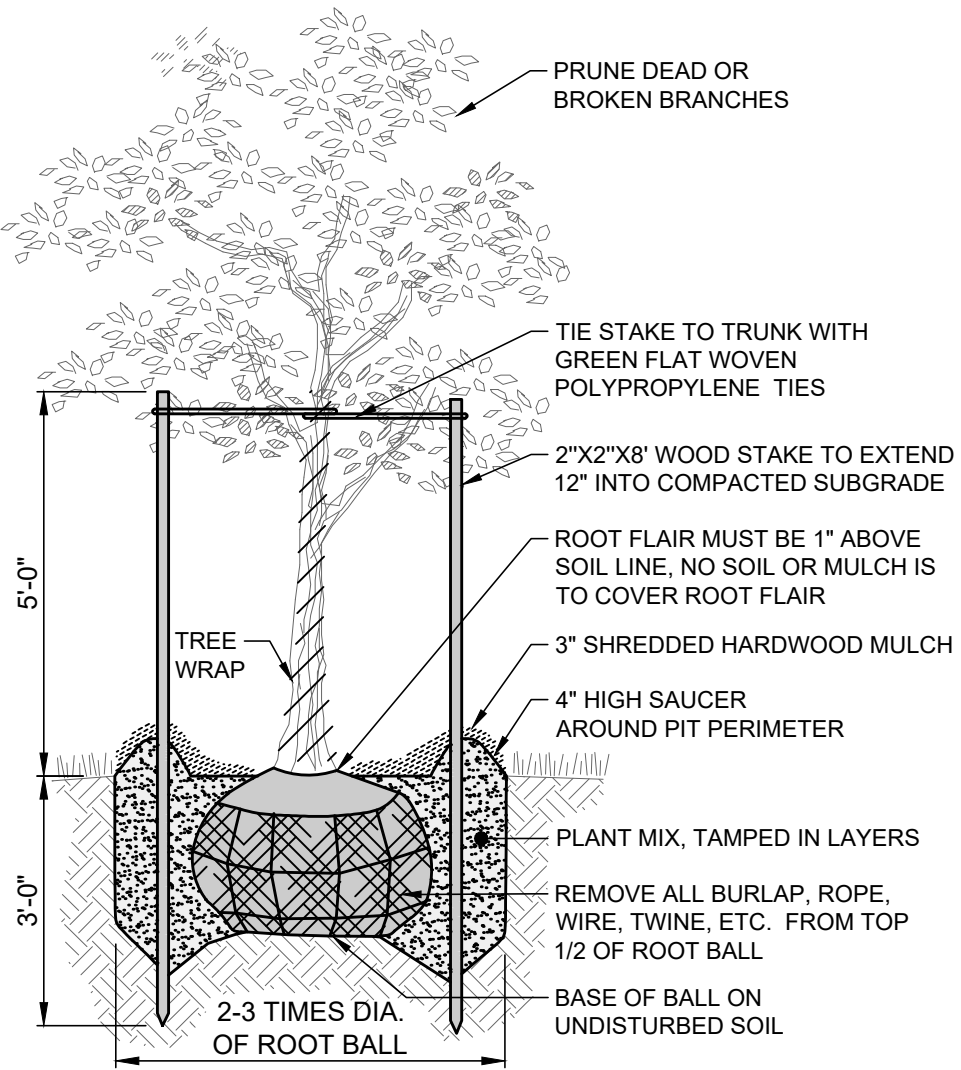


NOTES:

- THIS DETAIL IS FOR DIMENSION CONTROL AND SHOWS 12" EQUAL TRIANGULAR SPACING FOR REFERENCE ONLY, SEE LANDSCAPE PLAN FOR ACTUAL QUANTITIES.
- LOCATE GROUNDCOVER ONE HALF OF SPECIFIED SPACING DISTANCE FROM ANY CURB, SIDEWALK OR HARD SURFACE.

GROUNDCOVER SPACING DETAIL

NTS

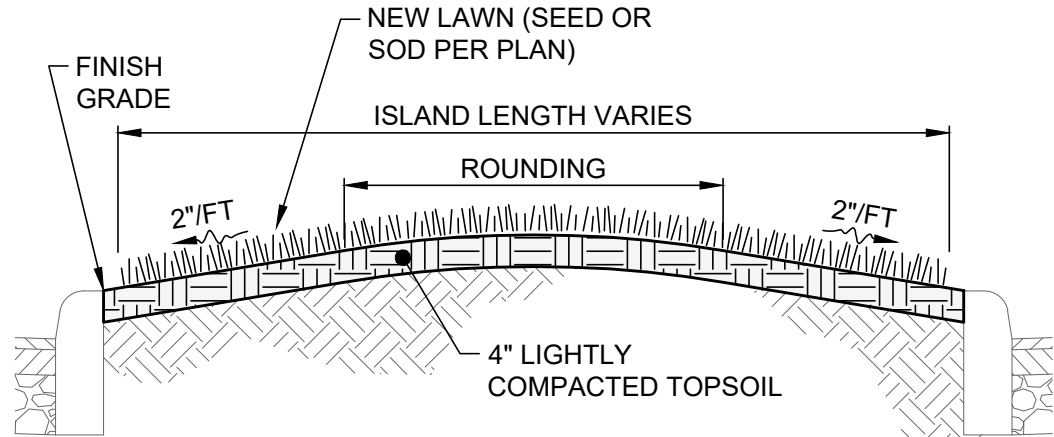


NOTES:

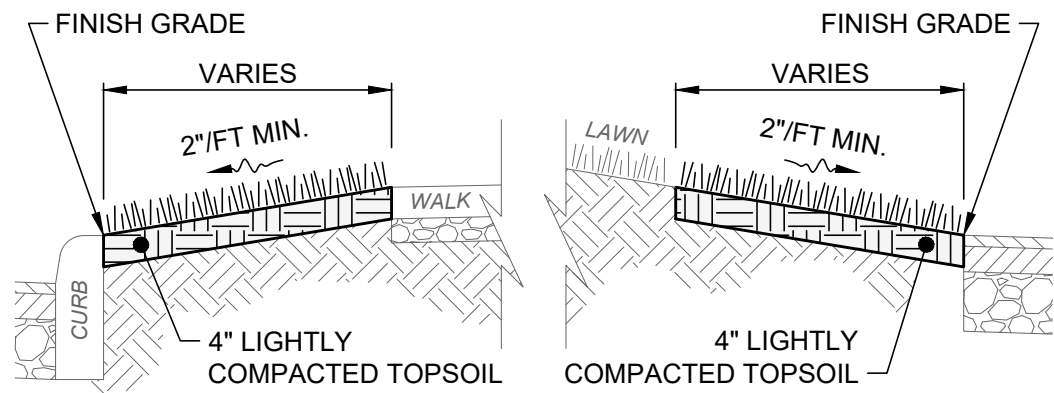
- CROWN OF ROOT BALL TO BEAR THE SAME RELATION TO FINISH GRADE WHICH IT WAS GROWN AT THE NURSERY.
- DO NOT DAMAGE ROOTS OR DESTROY ROOT BALL WHEN INSTALLING TREE STAKES.
- REMOVE TREE RINGS, TREE WRAP AND STAKES 1 YEAR AFTER INSTALLATION. NOTIFY OWNER PRIOR TO REMOVAL.

TREE PLANTING DETAIL

NTS



CURBED PARKING ISLAND



CURBED TREE LAWN

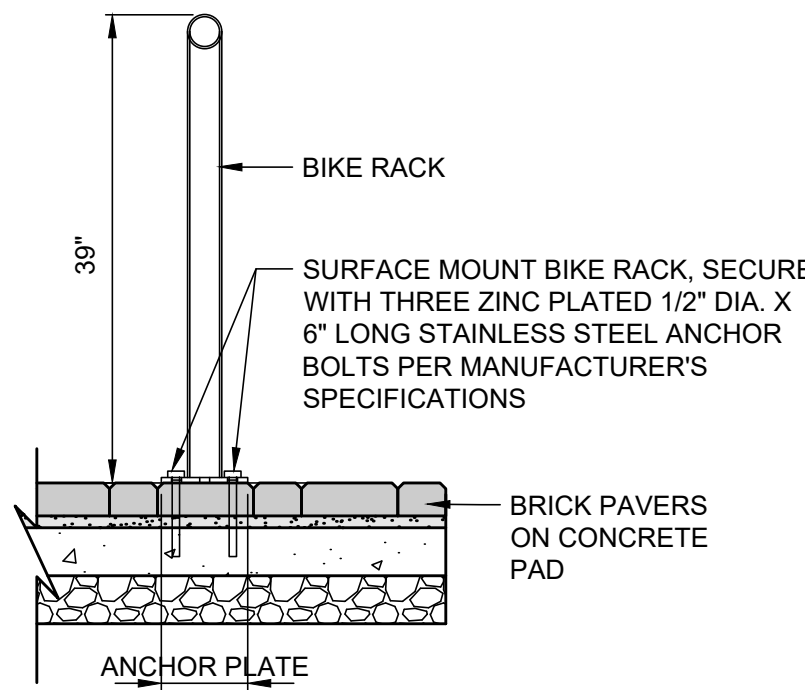
EDGE PAVEMENT

NOTES:

- PLACE TOPSOIL TO TOP OF CURB OR EDGE OF SIDEWALK AND FINE GRADE TO A SMOOTH FINISH, FREE OF LUMPS AND DEPRESSIONS.
- LAWN AREAS, AFTER LIGHT ROLLING, SHALL MEET THE GRADES, ELEVATIONS AND SLOPES SHOWN ON THE GRADING PLANS.

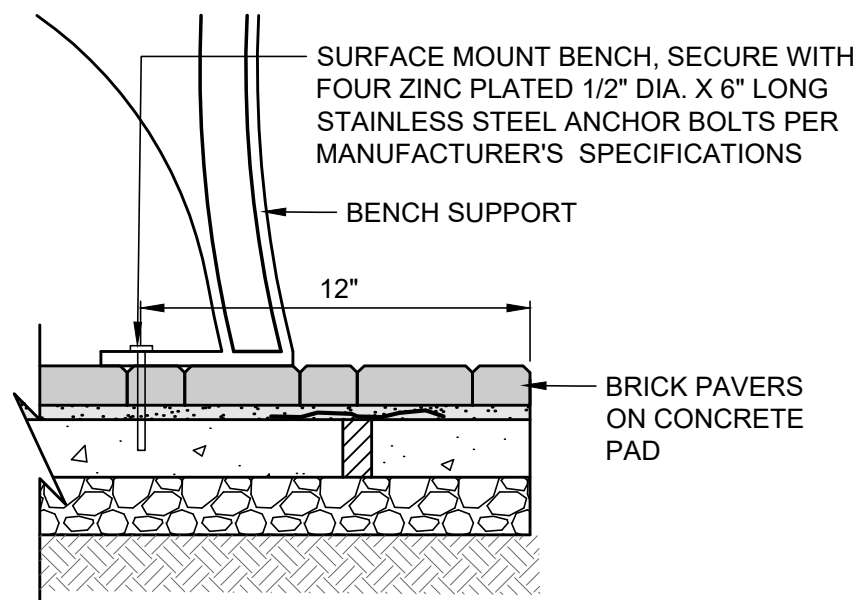
LAWN PLANTING DETAIL

NTS



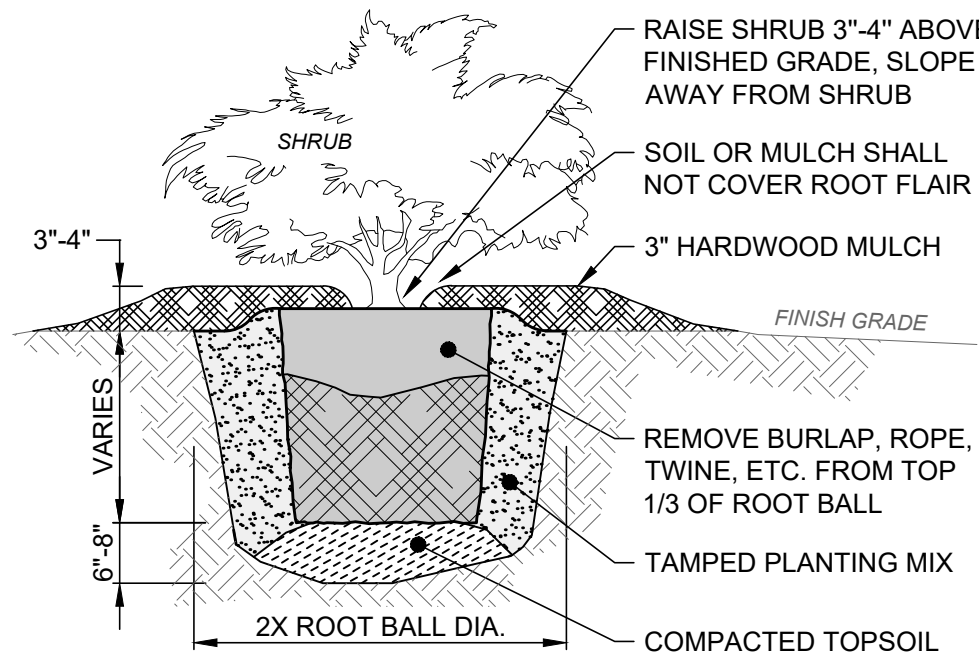
BIKE RACK DETAIL

NTS



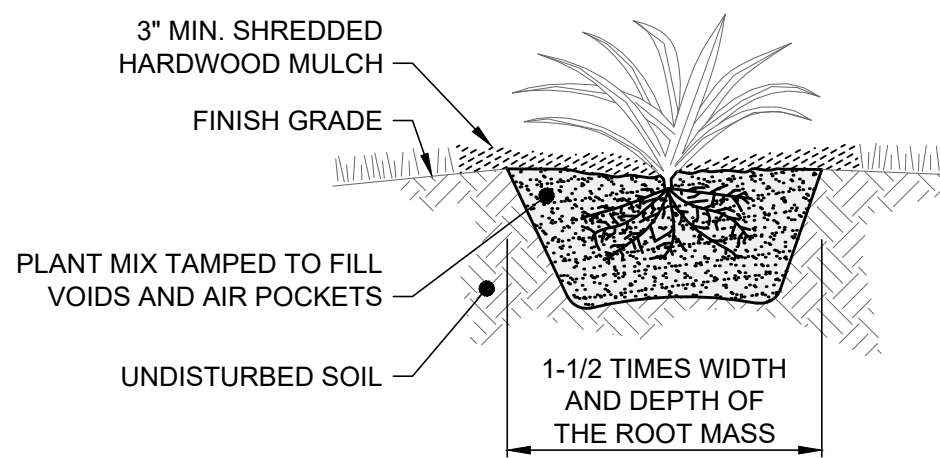
BENCH MOUNT DETAIL

NTS



SHRUB PLANTING DETAIL

NTS



ANNUAL AND PERENNIAL PLANTING DETAIL

NTS

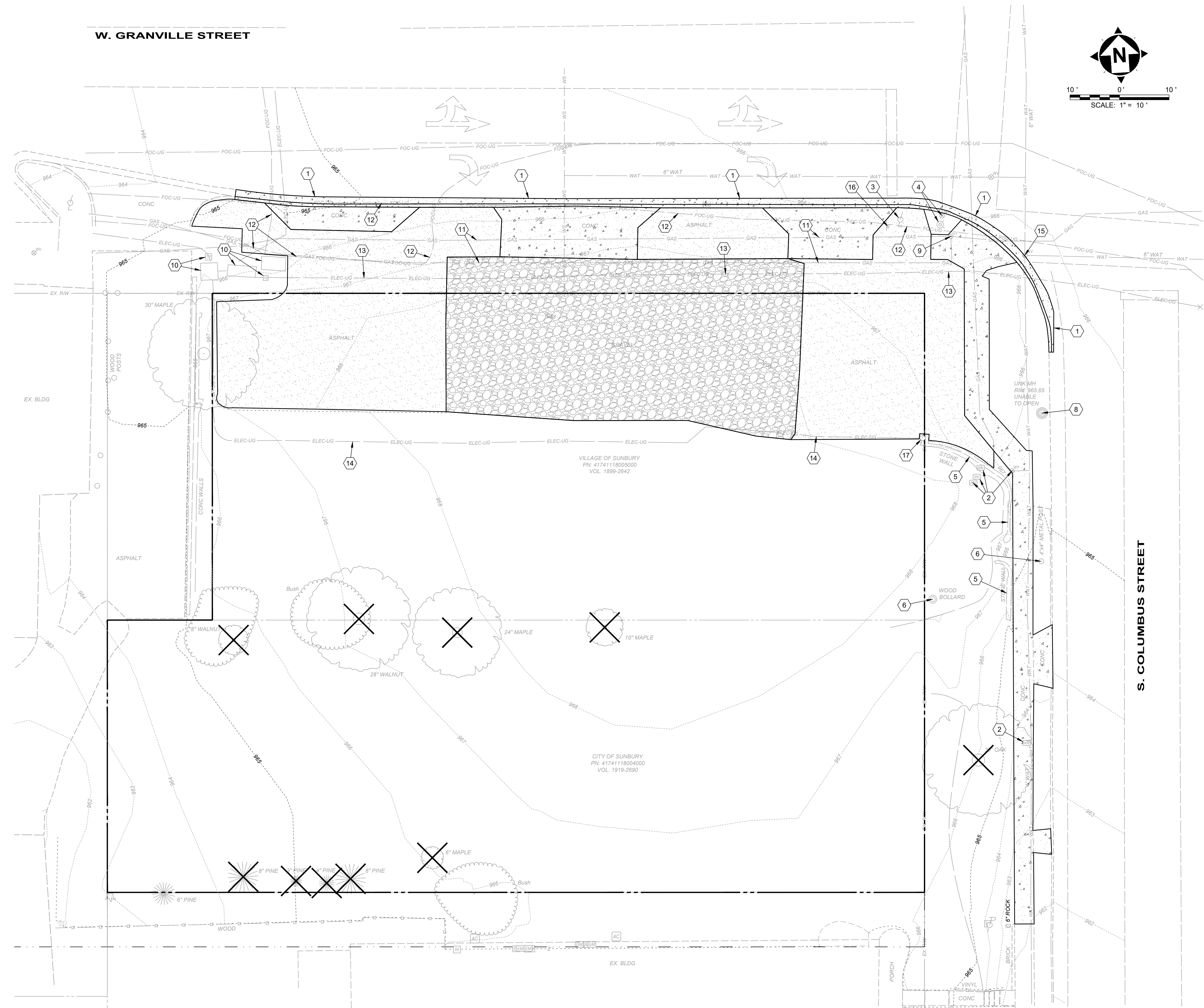
COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

CONSTRUCTION DETAILS - 4

PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
CONS-DET4	
SHEET	OF
6	18

ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/10/25			
SCALE:	AS SHOWN			
DESIGNED BY:	BKU			
DRAWN BY:	BKU			
CHECKED BY:	DW			

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DEMOLITION NOTES:

- 1 SAWCUT AND REMOVE EX. CURB AND PAVEMENT FOR A CLEAN JOINT TO CONSTRUCT NEW PAVEMENT
- 2 EX. WATER METERS / VALVE TO BE REMOVED
- 3 EX. STREET LIGHTING POLE - DO NOT DISTURB
- 4 EX. FIRE HYDRANT & VALVE - PROTECT, DO NOT DISTURB
- 5 EX. STONE WALL TO BE REMOVED
- 6 EX. WOOD BOLLARD TO BE REMOVED
- 7 EX. METAL POST TO BE REMOVED
- 8 EX. UTILITY MANHOLE - DO NOT DISTURB
- 9 EX. GAS VALVE - ADJUST TO GRADE ?
- 10 EX. UTILITY STRUCTURES - DO NOT DISTURB
- 11 EX. GAS LINE - CAUTION!
- 12 EX. FIBER OPTIC CABLE - CAUTION!
- 13 EX. ELECTRIC, UG - CAUTION!
- 14 EX. ELECTRIC, UG - TO BE REMOVED
- 15 EX. WATER VALVE TO REMAIN
- 16 EX. STOP SIGN TO BE REMOVED & RELOCATED
- 17 EX. SITE LIGHT POLE - TO BE REMOVED

DEMOLITION LEGEND:

- [Pattern] EX. CONCRETE TO BE REMOVED
- [Pattern] EX. ASPHALT TO BE REMOVED
- [Pattern] EX. GRAVEL TO BE REMOVED
- [Pattern] EX. CURB & GUTTER TO BE REMOVED
- [X] EX. TREE TO BE REMOVED
- [Pattern] STRIP & STOCKPILE EX. TOPSOIL



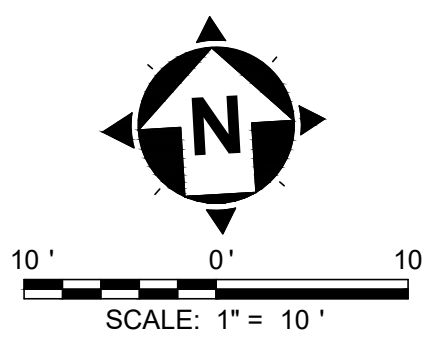
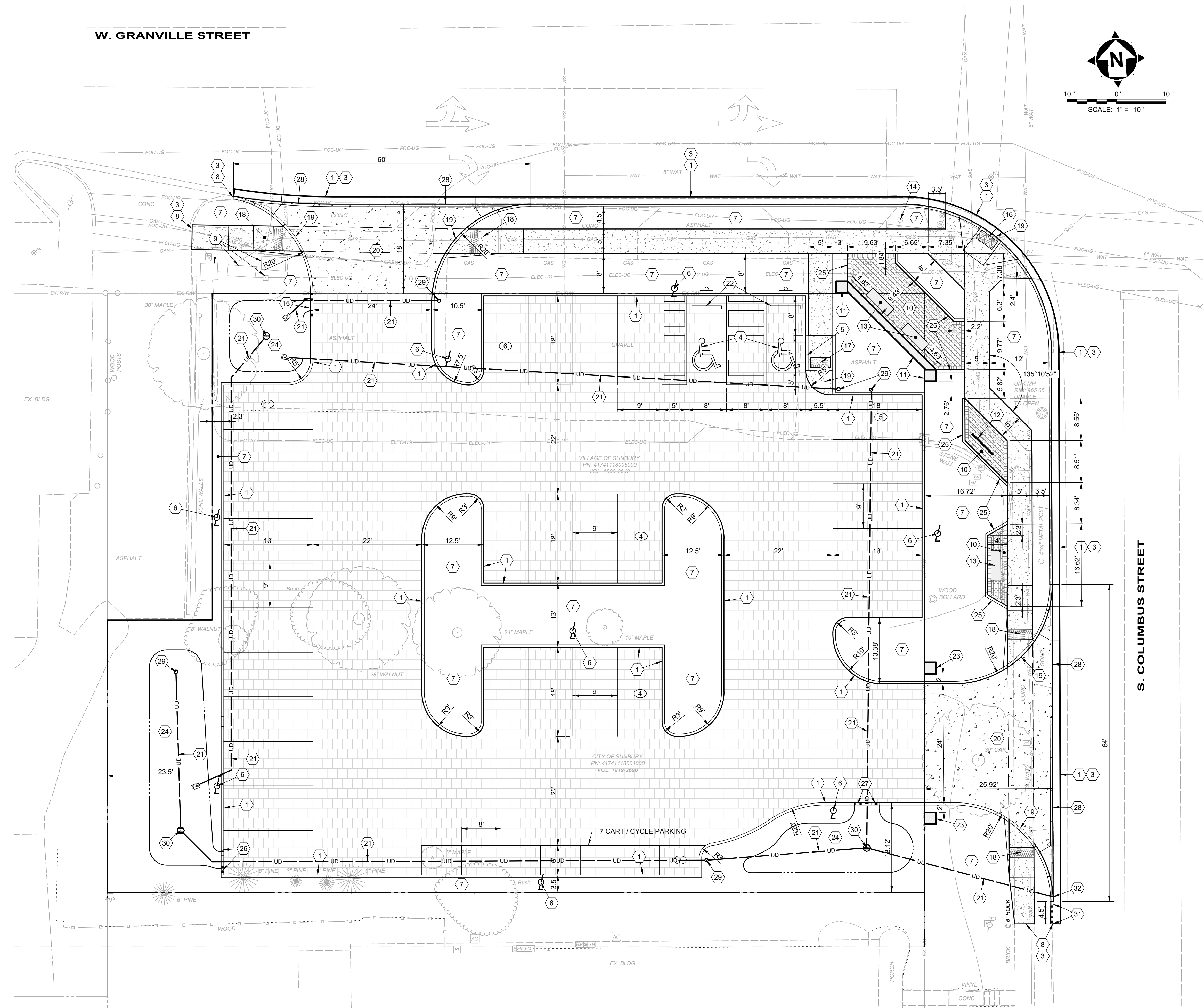
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ISSUE DATE:	2/10/25			
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COLUMBUS STREET PARKING LOT

- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

EX. CONDITIONS & DEMOLITION PLAN

PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
EX-COND	
SHEET	OF
7	18



- SITE PLAN KEYNOTES:**
- 1 PR. CURB & GUTTER - SEE DETAIL, SHEET 4.
 - 2 18" STRAIGHT CURB, CONCRETE - SEE DETAIL, SHEET 4.
 - 3 SAW-CUT EX. PAVEMENT TO CREATE A CLEAN JOINT TO CONSTRUCT PR. PAVEMENT / CURB & GUTTER.
 - 4 HANDICAP PAVEMENT SYMBOL, SIGNS, & STRIPING - SEE DETAIL, SHEET 3.
 - 5 TAPER CURB OVER 7' TO BE FLUSH WITH PAVEMENT / WALK FOR HANDICAP LANDING.
 - 6 ORNAMENTAL LIGHT POLE.
 - 7 LANDSCAPE AREA. PROVIDE MIN. 12" TOPSOIL AND GRASS.
 - 8 CONNECT TO EX. CONCRETE CURB AND / OR SIDEWALK.
 - 9 EX. UTILITY BOXES (DO NOT DISTURB)
 - 10 BRICK PLAZA - SEE DETAILS, SHEET 3.
 - 11 BRICK COLUMN WITH WALL (3' HT.) TO MATCH CHERRY AND COLUMBUS ST. BRICK.
 - 12 BIKE RACK - SEE DETAIL, SHEET 5.
 - 13 BENCH - SEE DETAIL, SHEET 5.
 - 14 EX. LIGHT POLE - DO NOT DISTURB.
 - 15 2' CURB CUT W/ 1' TAPERS - SEE DETAIL, SHEET 3.
 - 16 CURB RAMP, TYPE A - SEE DETAIL, SHEET 5.
 - 17 CURB RAMP, TYPE G - SEE DETAIL SHEET 5.
 - 18 CURB RAMP, TYPE H - SEE DETAIL, SHEET 5.
 - 19 LANDING, FLUSH WITH PAVEMENT.
 - 20 CONCRETE DRIVE APRON - SEE DETAIL, SHEET 4.
 - 21 4" UNDERDRAIN - SEE DETAIL, SHEET 5.
 - 22 CONCRETE BUMPER BLOCKS
 - 23 BRICK COLUMN 6' HT. TO MATCH CHERRY AND COLUMBUS ST. BRICK - SEE DETAIL, SHEET 3.
 - 24 BIODETENTION BASIN
 - 25 12" FLUSH CURB, CONCRETE - SEE DETAIL, SHEET 4.
 - 26 2' CURB CUT W/ 1.5' TAPERS - SEE DETAIL, SHEET 3.
 - 27 2' CURB CUT W/ 2' TAPERS - SEE DETAIL, SHEET 3.
 - 28 PROVIDE 1" LIP CURB ALONG DRIVE ENTRANCE
 - 29 UNDERDRAIN CLEANOUT
 - 30 12" NYLOPLAST INLET BASIN
 - 31 TRANSITION CURB HEIGHT FROM 6" TO 0" OVER 4'-0" TO MATCH EXISTING
 - 32 4" UNDERDRAIN OUTLET IN CURB

- SITE HATCH LEGEND:**
- PERMEABLE PAVERS
 - CONCRETE DRIVEWAY APRON
 - CONCRETE SIDEWALK
 - BRICK PLAZA PAVERS

PARKING COUNT:

STANDARD PARKING SPACES: 24

HANDICAP PARKING SPACES: 2

CART / CYCLE PARKING SPACES: 7

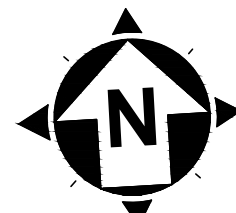
COLUMBUS STREET PARKING LOT

- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

SITE PLAN

PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
SITE-PLN	
SHEET	OF
8	18

W. GRANVILLE STREET



10' 0' 10'
SCALE: 1" = 10'

GRADING KEYNOTES:

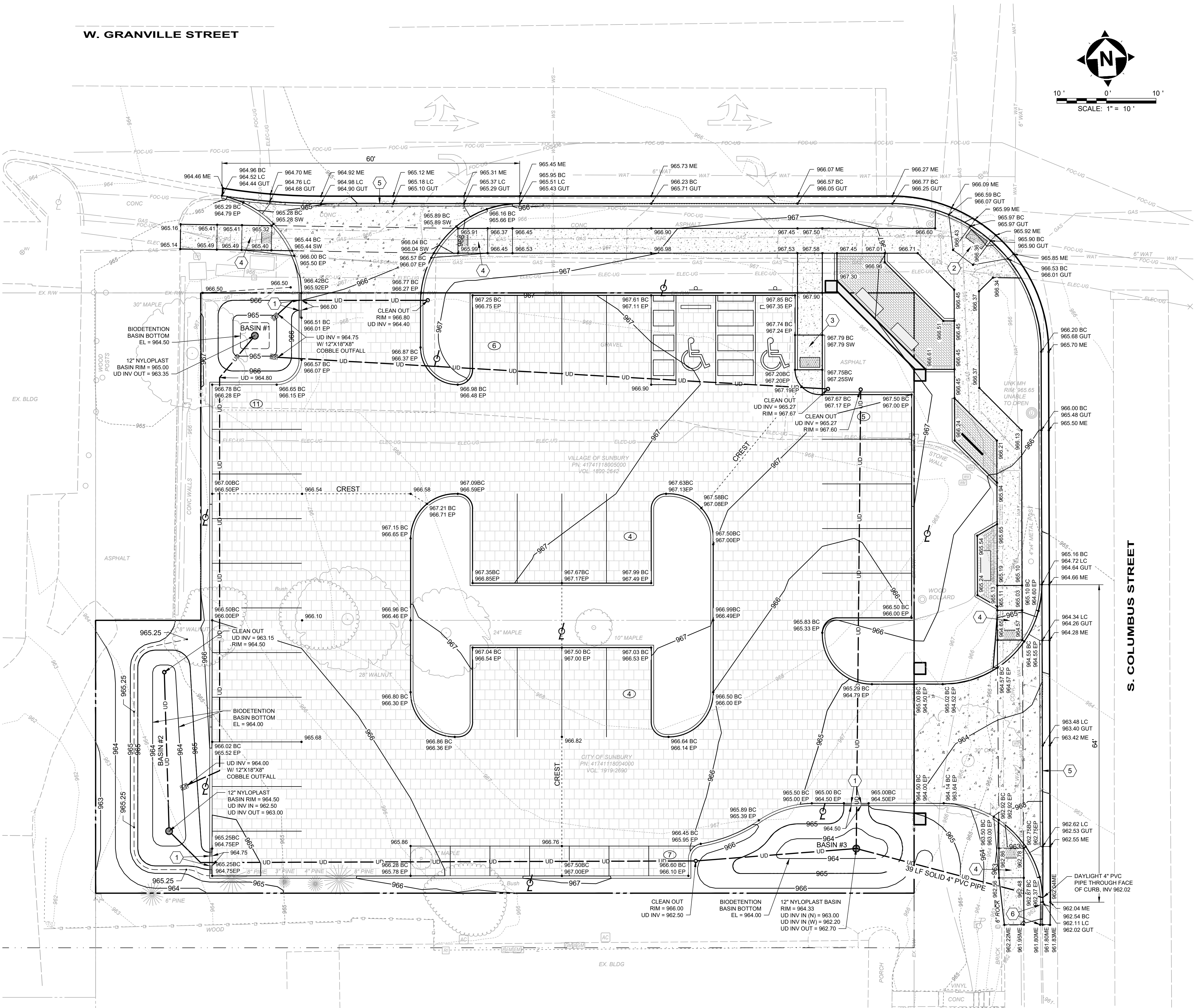
- 2' CURB BREAK W/ 1.5' CURB TAPERS (6" TO 0")
SEE DETAILS, SHEET 3
- CURB RAMP, TYPE A. SEE DETAIL, SHEET 5.
- CURB RAMP, TYPE G. SEE DETAIL, SHEET 5.
- CURB RAMP, TYPE H. SEE DETAIL, SHEET 5.
- 1" LIP CURB AT DRIVE ENTRANCES (TYP)
- TAPER CURB FROM 6" TO 0" OVER 4'-0" TO
MEET EXISTING.

GRADING NOTES:

- FOR CONSTRUCTION DETAILS, SEE SHEETS 3 - 6.

GRADING HATCH LEGEND:

- PERMEABLE PAVERS
- CONCRETE DRIVEWAY APRON
- CONCRETE SIDEWALK
- BRICK PLAZA PAVERS



S. COLUMBUS STREET

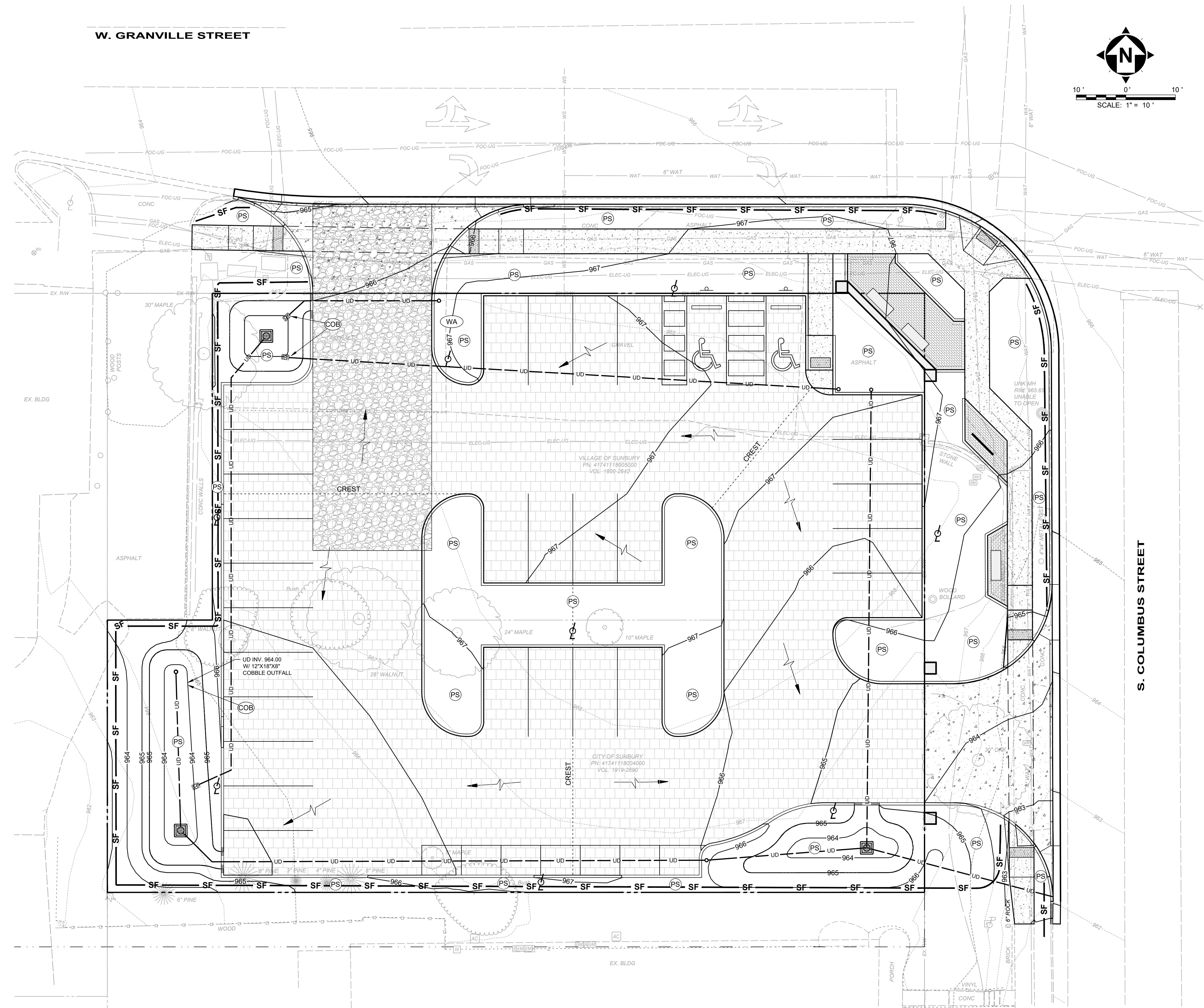
COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

GRADING PLAN

PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
GRAD-PLN	
SHEET	OF
9	18

ISSUED FOR:	BID SET	NO	REVISION	DATE
2/10/25	AS SHOWN			
SCALE:	AS SHOWN			
DESIGNED BY:	BKU			
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- SEC LEGEND:**
- SF PR. SILT FENCE
 - [Symbol] INLET PROTECTION (SEE DETAIL)
 - [Symbol] TEMP. CONSTRUCTION ENTRANCE
 - WA CONCRETE WASHOUT LOCATION
 - COB COBBLE OUTFALL
 - PS PERMANENT SEEDING

- SITE HATCH LEGEND:**
- [Symbol] PERMEABLE PAVERS
 - [Symbol] CONCRETE DRIVEWAY APRON
 - [Symbol] CONCRETE SIDEWALK
 - [Symbol] BRICK PLAZA PAVERS

COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

SEDIMENT & EROSION CONTROL PLAN

PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
SEC-PLN	
SHEET	OF
10	18

ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/10/25			
SCALE:	AS SHOWN			
DESIGNED BY:	BKU			
DRAWN BY:	BKU			
CHECKED BY:	DW			



EROSION & SEDIMENT CONTROL NOTES:

1. THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED IN THIS PLAN SHALL BE INSTALLED SEVEN (7) DAYS PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE. STRUCTURAL PRACTICES SHALL BE USED TO CONTROL EROSION FROM ALL AREAS REMAINING DISTURBED FOR MORE THAN FOURTEEN (14) DAYS.

2. THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORMWATER RUNOFF OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTE AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL, IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEMS.

3. TEMPORARY CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A STATE THAT SHALL PREVENT TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. THIS WILL BE ACCOMPLISHED BY USE OF TRAVEL CONSTRUCTION ENTRANCES, AND THE REPAIR AND/OR CLEANOUT OF ANY DEVICES USED TO TRAP SEDIMENT. PUBLIC OR PRIVATE ROADWAYS SHALL BE CLEARED OF ACCUMULATED SEDIMENT DAILY OR ON AN AS NEEDED BASIS. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.

4. ALL ONSITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH FILTER FABRIC OR EQUIVALENT BARRIERS AS SHOWN ON THESE PLANS. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY REQUIRE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.

5. THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED IN THE PLAN.

6. DURING THE PERIODS OF CONSTRUCTION ACTIVITY, ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, WITH THE OWNER. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY, OHIO ENVIRONMENTAL PROTECTION AGENCY (EPA) GENERAL CONSTRUCTION PERMIT AND THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) RAINWATER AND LAND DEVELOPMENT CURRENT EDITION.

7. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY, OHIO ENVIRONMENTAL PROTECTION AGENCY (EPA) GENERAL CONSTRUCTION PERMIT AND THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) RAINWATER AND LAND DEVELOPMENT CURRENT EDITION.

8. EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS POSSIBLE. ALL REASONABLE ATTEMPTS SHOULD BE MADE TO MINIMIZE THE TOTAL AREA OF DISTURBED LAND.

9. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF THE APPLICABLE NPDES PERMIT.

10. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.

11. THIS PLAN MUST BE POSTED ON SITE. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOT NUMBER) SHALL BE KEPT ON-SITE AT ALL TIMES.

12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENTATION RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION IN ACCORDANCE WITH THE NPDES GENERAL PERMIT FROM THE STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.

13. PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA, ALL EROSION CONTROL FEATURES SHALL BE IN PLACE. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE CITY OF SUNBURY, OHIO EPA AND THE DESIGNER/ENGINEER.

14. IT MAY BECOME NECESSARY TO REMOVE PORTIONS OF THE BARRIER (SILT FENCE, STRAW WATTLES) DURING CONSTRUCTION TO FACILITATE THE GRADING OPERATIONS IN A CERTAIN AREA. HOWEVER, THE BARRIER SHALL BE IN PLACE IN THE EVENING OR DURING ANY INCLEMENT WEATHER.

15. SEEDING HAS BEEN ASSUMED TO BE 4'-0" OUTSIDE THE GRADING LIMITS. ALL AREAS NOT DESIGNATED TO BE SEEDED SHALL REMAIN UNDER NATURAL GROUND COVER. THOSE AREAS DISTURBED OUTSIDE THE SEEDING LIMITS SHALL BE SEEDED AND MULCHED AT THE CONTRACTOR'S EXPENSE.

16. THE USE OF STRAW WATTLES HAS BEEN PROVEN TO BE A VERSATILE AND EFFECTIVE EROSION AND SEDIMENT CONTROL BMP. STRAW WATTLES MAY BE SUBSTITUTED FOR SILT FENCE IN A LINEAR INSTALLATION. STRAW WATTLES MUST BE A MINIMUM OF 12 INCHES IN DIAMETER. COMPOST FILTER SOCK MAY BE SUBSTITUTED FOR SILT FENCE.

17. THE EROSION AND SEDIMENT PLAN SHALL INCORPORATE MEASURES WHICH CONTROL THE FLOW OF RUNOFF FROM DISTURBED AREAS SO AS TO PREVENT EROSION FROM OCCURRING. SUCH PRACTICES INCLUDE ROCK CHECK DAMS, PIPE SLOPE DRAINS, DIVERSIONS TO DIRECT FLOW AWAY FROM EXPOSED SOILS AND PROTECTIVE GRADING PRACTICES. THESE PRACTICES SHALL DIVERT RUNOFF AWAY FROM DISTURBED AREAS AND STEEP SLOPES WHERE PRACTICABLE.

18. ALL SEDIMENT CONTROL PRACTICES MUST BE CAPABLE OF PONDING RUNOFF IN ORDER TO BE CONSIDERED FUNCTIONAL. EARTH DIVERSION DIKES OR CHANNELS ALONE ARE NOT CONSIDERED A SEDIMENT CONTROL PRACTICE UNLESS THESE ARE USED IN CONJUNCTION WITH A SEDIMENT SETTLING POND.

19. SEDIMENT CONTROL STRUCTURES SHALL BE FUNCTIONAL THROUGHOUT THE COURSE OF EARTH DISTURBANCE ACTIVITIES. PERIMETER SEDIMENT BARRIERS SHALL BE IMPLEMENTED PRIOR TO GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF CONSTRUCTION ACTIVITIES. THEY SHALL CONTINUE TO BE FUNCTIONAL UNTIL THE UP SLOPE PROJECT AREA IS REESTABLISHED. AS CONSTRUCTION PROGRESSES AND THE TOPOGRAPHY IS ALTERED, APPROPRIATE CONTROLS MUST BE CONSTRUCTED OR EXISTING CONTROLS ALTERED TO ADDRESS THE CHANGING DRAINAGE PATTERNS.
20. SHEET FLOW RUNOFF FROM DENUDEED AREAS SHALL BE INTERCEPTED BY PERIMETER FILTER FABRIC FENCE TO PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED VIA SHEET FLOW. WHERE INTENDED TO PROVIDE SEDIMENT CONTROL, PERIMETER FILTER FABRIC FENCE SHALL BE PLACED ON A LEVEL CONTOUR DOWNSLOPE OF THE DISTURBED AREA.

21. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL MINIMIZE SEDIMENT LADEN WATER FROM ENTERING ACTIVE STORM DRAIN SYSTEMS. ALL INLETS RECEIVING RUNOFF FROM DRAINAGE AREAS OF ONE OR MORE ACRES WILL REQUIRE A SEDIMENT SETTLING POND.

22. ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATIONS AT THE DISCRETION OF THE CITY OF SUNBURY AND/OR THE OHIO EPA IN ORDER TO COMPLY WITH THE APPLICABLE LAWS AND REGULATIONS.

23. EXCEPT AS PREVENTED BY INCLEMENT WEATHER CONDITIONS, ALL DISTURBED AREAS TO REMAIN INACTIVE FOR MORE THAN THIRTY (30) DAYS SHALL BE STABILIZED BY SEEDING, SODDING, MULCHING OR ANY OTHER EQUIVALENT EROSION CONTROL MEASURE WITHIN SEVEN (7) DAYS. PERMANENT SOIL STABILIZATION SHALL BE PROVIDED WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS ESTABLISHED.

24. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE SEDIMENT CONTROL FEATURES USED ON THIS PROJECT, THE SITE SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT GREATER THAN ONE-HALF (0.50) INCH OF RAIN PER TWENTY-FOUR (24) HOUR PERIOD. THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE ENTIRE SITE IS TEMPORARY STABILIZED OR RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS (SNOW, ICE OR FROZEN GROUNDS). RECORDS OF THESE INSPECTIONS SHALL BE KEPT ON SITE AND MADE AVAILABLE TO JURISDICTIONAL AGENCIES IF REQUESTED. ANY SEDIMENT OR DEBRIS WHICH HAS REDUCED THE EFFICIENCY OF A STRUCTURE SHALL BE REMOVED IMMEDIATELY. SHOULD A STRUCTURE OR FEATURE BECOME DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE THE STRUCTURE AT NO ADDITIONAL COST TO THE OWNER.

25. THIS EROSION AND SEDIMENT CONTROL PLAN IS TO BE USED AS A BASE PLAN FOR THE CONTRACTOR AND IF IT IS REQUIRED TO BE MODIFIED THE CONTRACTOR SHALL NOTIFY THE DESIGNER/ENGINEER WITH THE CHANGES BY SUBMITTING A REVISED EROSION AND SEDIMENT CONTROL PLAN IDENTIFYING ALL REVISION REQUIRED AS A RESULT OF THE WORK. REVISIONS SHALL INCLUDE ALL PROPOSED BMPs NOT PROPOSED ON THIS PLAN OR CONSTRUCTION DOCUMENTS. THE PLAN SHALL BE UPDATED AS CONTROLS ARE PLACED IN THE FIELD.

26. THE CONTRACTOR MAY INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL BMPs ON A ROLLING BASIS AS CONSTRUCTION PROCEEDS. NO EARTH DISTURBANCE MAY OCCUR IN AN AREA UNLESS THE BMP ASSOCIATED WITH THE TRIBUTARY AREA IS IN PLACE. THE CONTRACTOR SHALL APPRISE THE CITY OF SUNBURY AND DESIGNER/ENGINEER OF THE ANTICIPATED INSTALLATION RANGE, DATE OF INSTALLED CONTROLS AND LOG THE ACTUAL PLACEMENT RANGE AND DATE ON THE PLAN.

27. THE SEDIMENT AND EROSION CONTROL PLAN AS HEREIN DELINEATED IS SUBJECT TO ADJUSTMENT TO ENSURE EROSION CONTROL MEASURES ARE PROPERLY COORDINATED WITH SUCCESSIVE CONSTRUCTION STAGES. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO MINIMIZE THE TOTAL AMOUNT OF AREA DISTURBED AT ONE TIME.

28. WATER MAY BE USED FOR DUST CONTROL. USED OIL MAY NOT BE USED FOR DUST CONTROL.

29. ALL INSPECTION RECORDS SHALL BE RETAINED FOR AT LEAST THREE (3) YEARS AFTER COMPLETION OF CONSTRUCTION ACTIVITIES.

30. DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD LIABLE FOR THE VIOLATION AND SUBSEQUENT FINES.
- THE PUBLIC AGENCY AND/OR PRIVATE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE INLET PROTECTION IS ADEQUATE. THE MOST STRINGENT PROJECT PLANS, NOTES AND/OR DRAWINGS INCLUDE STORMWATER POLLUTION PREVENTION PLAN (SWP3) OR SPILL PREVENTION/REMEDIATION PLAN SHALL APPLY TO ALL PAVEMENT CUTTING, SAWING OR EXCAVATION OPERATIONS.

31. SHOULD THE INSPECTION INDICATE THAT ANY BMP'S REQUIRE MAINTENANCE OR REPAIR, THE CONTRACTOR SHALL REPAIR NON-SEDIMENT POND BMP'S WITHIN THREE (3) DAYS OF INSPECTION AND REPAIR OR CLEAN OUT SEDIMENT PONDS WITHIN FIVE (5) DAYS OF INSPECTION.

32. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE OHIO EPA GENERAL NPDES PERMIT FOR CONSTRUCTION ACTIVITY AND CITY OF SUNBURY ORDINANCES. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING COVERAGE UNDER ANY GENERAL NPDES PERMIT AND/OR OBTAINING ANY INDIVIDUAL NPDES PERMIT FOR CONSTRUCTION ACTIVITY UNDER THIS PLAN.

33. STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY) MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS.

34. TEMPORARY SEEDING: PER ODOT ITEM 832 CONSTRUCTION SEEDING AND MULCHING. SEE TABLE 2 THIS SHEET

35. PERMANENT SEEDING: PER ODOT ITEM 659 SEEDING AND MULCHING. SEE TABLE 1 THIS SHEET

36. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.

EROSION & SEDIMENT CONTROL NARRATIVE:

OWNER/SITE CONTACT: CITY OF SUNBURY
9 E GRANVILLE STREET
SUNBURY, OH 43074
PHONE: 740-965-2684
CONTACT: DARYL HENNESSY
CITY ADMINISTRATOR
EMAIL: DHENNESSY@SUNBURYOHIO.ORG

PLAN DESIGNER: VERDANTAS
6397 EMERALD PKWY, SUITE 200
DUBLIN, OHIO 43016
PHONE: (614) 885-1700
FAX: (614) 885-1701
CONTACT: DAN WHITED, P.E.
EMAIL: DWHITED@CTCOCONSULTANTS.COM

PROJECT DESCRIPTION: PUBLIC PARKING LOT WITH PERVIOUS PAVERS AND LANDSCAPED ISLANDS.

EXISTING SITE CONDITIONS: PROJECT SITE IS MOSTLY FILL OVER PREVIOUS FULLY PAVED LOT WITH HOMES.

ADJACENT AREAS: RESIDENTIAL AND COMMERCIAL AREAS ARE LOCATED ADJACENT TO THE PROPERTY.

DISTURBED ACREAGE: 0.43± ACRES

CRITICAL AREAS: ALL DRAINAGE SWALES, DITCHES, AND STORM SEWERS SHALL REMAIN SEDIMENT FREE DURING CONSTRUCTION.

EROSION AND SEDIMENT SITE RUNOFF WILL BE CONTROLLED BY CONSTRUCTION SEEDING, MULCHING, PERIMETER FILTER FABRIC FENCE AND STRAW WATTLES/FILTER SOCKS. THE FINAL SITE STABILIZATION WILL INCLUDE ASPHALT CONCRETE ON THE TRAIL AND GRASS IN STABILIZATION OTHER AREAS.

SEQUENCE OF CONSTRUCTION:

THE CONTRACTOR SHALL PROVIDE A SCHEDULE OF OPERATIONS TO THE CITY AND DESIGNER/ENGINEER. SEDIMENTATION AND EROSION CONTROL FEATURES SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THIS SCHEDULE. SCHEDULE TO FOLLOW SEQUENCE BELOW, AT MINIMUM.

1. INSTALL PERIMETER FILTER FABRIC FENCE/STRAW WATTLES/FILTER SOCK AND INLET PROTECTION WITHIN CONSTRUCTION WORK LIMITS.
2. INSTALL CONSTRUCTION ROAD STABILIZATION.
3. CLEAR & GRUB SITE, REMOVE TREES & STUMPS WITHIN CONSTRUCTION/WORK LIMITS. TEMPORARY SEED/STABILIZE AREAS AS NEEDED.
4. ROUGH GRADE PARKING LOT.
5. REMOVE CONSTRUCTION ROAD STABILIZATION AND CONSTRUCT PARKING LOT.
6. FINAL GRADE/STABILIZE AREAS WITHIN CONSTRUCTION WORK LIMITS.
7. REMOVE PERIMETER FILTER FABRIC FENCE/STRAW WATTLES/FILTER SOCK. RESEED ANY AREAS AS NEEDED TO ESTABLISH VEGETATION GROWTH.

RESTORATION / SEDIMENTATION & EROSION CONTROL:

1. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND OTHER AREAS AS SHOWN ON PLANS SHALL BE PROPERLY RESTORED WITH 4" OF TOPSOIL, SEEDING AND MULCHING PER THE SPECIFICATIONS.
2. IN ALL DISTURBED AREAS THE CONTOURS WILL BE RESTORED IN A MANNER THAT MAINTAINS EXISTING DRAINAGE PATTERNS. FOLLOWED BY SEEDING AND MULCHING. IF, DUE TO WEATHER, FINAL GRADING CANNOT BE ACCOMPLISHED IMMEDIATELY, TEMPORARY SEEDING & MULCHING, WITHIN SEVEN DAYS, WILL BE USED UNTIL FINAL RESTORATION CAN OCCUR.
3. SILT FENCING SHALL BE EXTRA STRENGTH SYNTHETIC FILTER FABRIC HAVING A MINIMUM FLOW RATE OF 0.3 GA/SQ.FT/MINUTE AND SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF 6 MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0°F. TO 120°F. SEE STANDARD DETAIL.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING INSPECTIONS OF ALL EROSION CONTROL DEVICES ON A WEEKLY BASIS AND AFTER ALL STORMS THAT PRODUCE MORE THAN ONE-HALF (1/2") INCH TOTAL RAINFALL. ANY NEEDED REPAIRS SHALL BE PERFORMED IMMEDIATELY. THE CONTRACTOR SHALL DOCUMENT ALL INSPECTIONS AND ANY REPAIRS THAT ARE DONE TO MAINTAIN EFFICIENCY.
5. CONTRACTOR SHALL REMOVE DAILY ALL MUD, SOIL AND DEBRIS THAT MAY BE TRACKED ONTO EXISTING STREETS, DRIVES OR WALKS BY HIS EQUIPMENT OR THAT OF SUBCONTRACTORS OR SUPPLIERS.

TABLE 1: PERMANENT STABILIZATION	
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE
OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA

TABLE 2: TEMPORARY STABILIZATION	
AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY DISTURBED AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND NOT AT FINAL GRADE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA FOR RESIDENTIAL SUBDIVISIONS, DISTURBED AREAS MUST BE STABILIZED AT LEAST SEVEN DAYS PRIOR TO TRANSFER OF PERMIT COVERAGE FOR THE INDIVIDUAL LOT(S).
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	PRIOR TO THE ONSET OF WEATHER

verdantas

DATE

REVISION

NO

ISSUED FOR: 100% REVIEW

ISSUE DATE: 05/15/24

SCALE: AS SHOWN

DESIGNED BY: BKU

DRAWN BY: BKU

CHECKED BY: DW

COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

SEDIMENT & EROSION CONTROL
NOTES & DETAILS - 1

PROJECT NO.
241205

DISCIPLINE
CIVIL

SHEET NAME
SEC-NOTE1

SHEET
11

OF
18

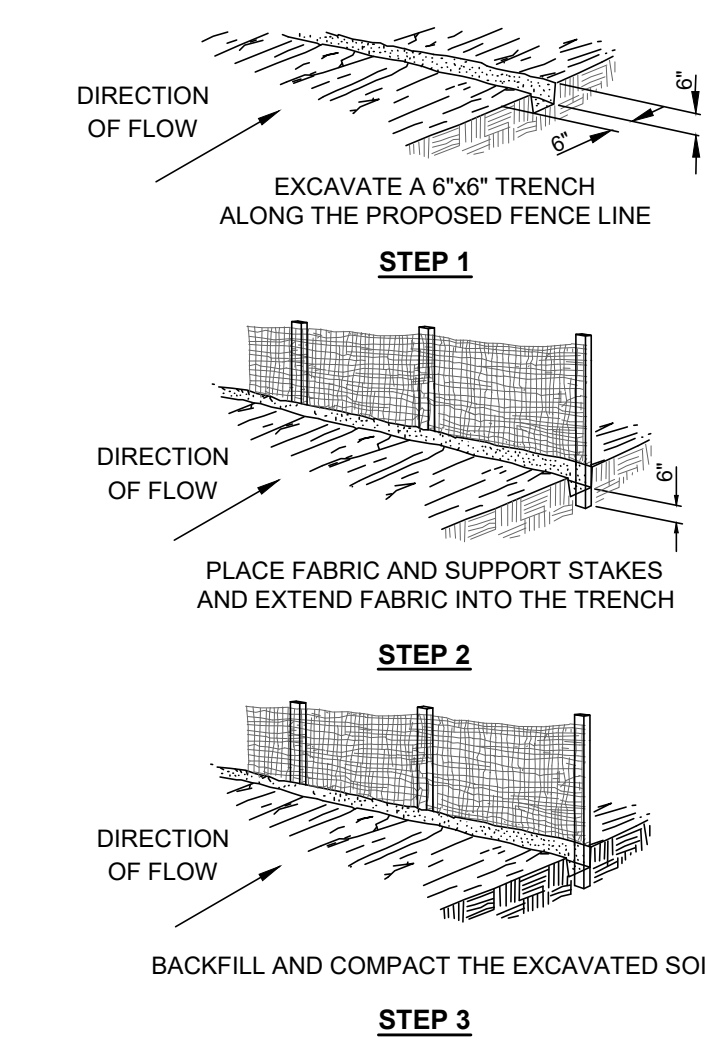
PERMANENT SEEDING FERTILIZATION AND MOWING CHART				
MIXTURE	FORMULA	LB/ AC.	TIME	MOW
CREeping RED FESCUE DOMESTIC RYEGRASS KENTUCKY BLUEGRASS	10-10-10	500	FALL, YEARLY, OR AS NEEDED	≥3"
TALL FESCUE	10-10-10	500		≥4"
TURF-TYPE FESCUE	10-10-10	500		
FLAT PEA FESCUE	0-20-20	400	SPRING, AND YEARLY AFTER ESTABLISHED	DO NOT MOW

PERMANENT SEEDING SPECIES SELECTION		
SEED MIX	SEED RATE LB/AC.	NOTES:
GENERAL USE		
CREeping RED FESCUE DOMESTIC RYEGRASS KENTUCKY BLUEGRASS	20 - 40 10 - 20 20 - 40	FOR CLOSE MOWING AND WATERWAYS WITH <2.0 FT./SEC. VELOCITY
TALL FESCUE	40 - 50	
TURF-TYPE FESCUE	90	
STEEP BANKS OR CUT SLOPES		
TALL FESCUE	40 - 50	
TALL FESCUE	20 - 30	DO NOT SEED LATER THAN AUGUST
FLAT PEA TALL FESCUE	20 - 25 20 - 30	DO NOT SEED LATER THAN AUGUST
ROAD DITCHES AND SWALES		
TALL FESCUE	40 - 50	
TURF-TYPE FESCUE KENTUCKY BLUEGRASS	90 5	
LAWN		
KENTUCKY BLUEGRASS PERENNIAL RYEGRASS	100 - 120 100 - 120	
KENTUCKY BLUEGRASS CREeping RED FESCUE	100 - 120 100 - 120	FOR SHADED AREAS

PERMANENT SEEDING TABLES

NOTES:

- SUBSOILING SHALL OCCUR WHEN SOIL MOISTURE IS LOW ENOUGH TO ALLOW THE SOIL TO CRACK OR FRACTURE. SUBSOILING IS NOT PERMITTED ON SLIP-PRONE AREAS.
- THE SEED BED SHALL BE PREPARED BY APPLYING AGRICULTURAL GROUND LIMESTONE OR FERTILIZER AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, APPLY LIME AT 2 TONS/AC. OR FERTILIZER AT 500 LB/AC. OF 10-10-10 OR 12-12-12 ANALYSIS. LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL TO A DEPTH OF 3".
- APPLY SEED UNIFORMLY ON FIRM, MOIST SEED BED BETWEEN MARCH 1 AND MAY 31 OR AUGUST 1 AND SEPTEMBER 30. TILLAGE FOR SEEDBED PREPARATION SHALL OCCUR WHEN THE SOIL IS DRY ENOUGH TO CRUMBLE AND NOT FORM RIBBONS WHEN COMPRESSED BY HAND. SEEDING SHOULD NOT BE APPLIED BETWEEN OCTOBER 1 AND NOVEMBER 20 BECAUSE SEEDS MAY GERMINATE, BUT WILL NOT SURVIVE THE WINTER. IF SEEDING MUST OCCUR, INCREASE THE SEEDING RATE BY 50% AND ANCHOR. APPLY ADDITIONAL MULCH AND IRRIGATION AS REQUIRED TO ENSURE GERMINATION.
- MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING.
- SEEDING SHALL INCLUDE IRRIGATION TO ESTABLISH VEGETATION DURING DRY OR HOT WEATHER OR ON ADVERSE SITE CONDITIONS.
- SEEDING SHALL NOT BE CONSIDERED ESTABLISHED FOR AT LEAST 1 FULL YEAR FROM THE TIME OF SEEDING. DURING THIS PERIOD INSPECT FOR SOIL EROSION OR VEGETATION LOSS AND REPAIR BARE OR SPARSE AREAS, FILL GULLIES, RE-FERTILIZE, RE-SEED AND RE-MULCH AS NEEDED.
- ADEQUATE PERMANENT VEGETATION SHALL BE GROUND COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE BASED ON VISUAL INSPECTION.



PERIMETER FILTER FABRIC FENCE

MATERIALS:

FURNISH 30" WIDE FILTER FABRIC WITH SOUND WOOD SUPPORTS WITH MAXIMUM ON-CENTER SPACING OF 10'. USE FILTER FABRIC CONFORMING TO 712.09, TYPE C.

CONSTRUCTION:

TRENCH THE FILTER FABRIC FENCE AS DETAILED. THE CONTRACTOR MAY ELECT TO TRENCH THE FENCE DETAILED ON STEPS 1 THROUGH 3 IN ONE PLOWING OPERATION.

PAYMENT:

ITEM SPECIAL - EROSION & SEDIMENT CONTROL.

MAINTENANCE:

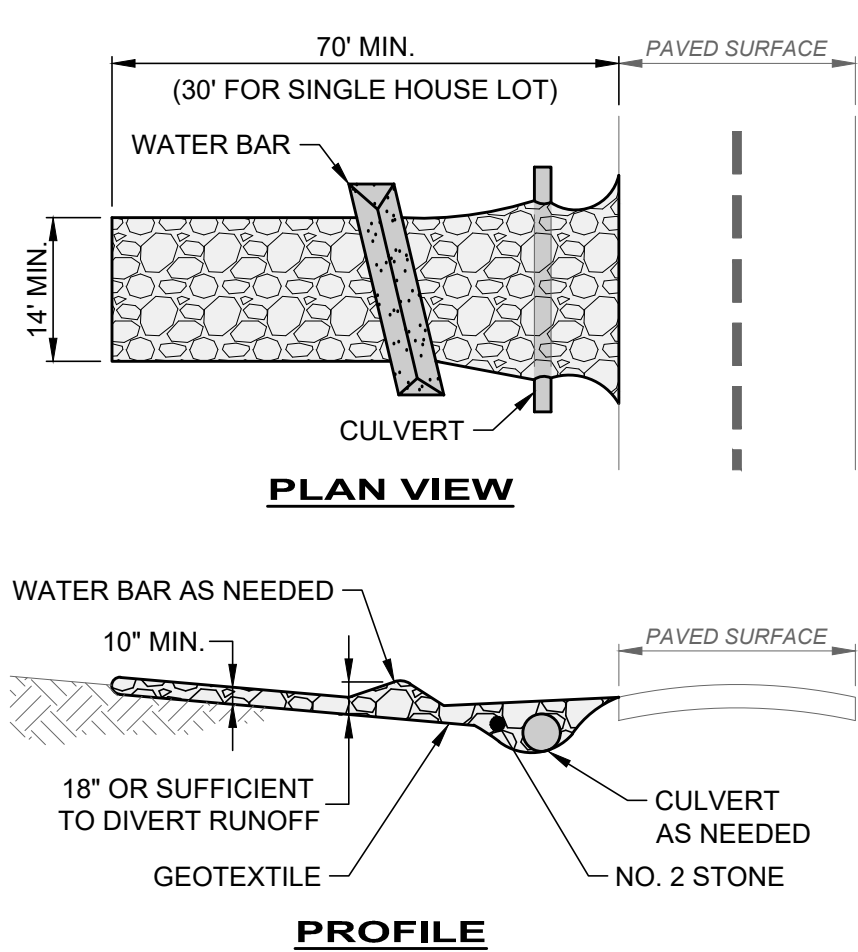
IF RUNOFF OVERTOPS THE FENCE, FLOWS UNDER THE FABRIC, AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLOWS CONCENTRATED FLOW TO DISCHARGE, ONE OF THE FOLLOWING MUST BE PREFORMED:

- THE LAYOUT OF THE FENCE SHALL BE CHANGED
- SEDIMENT SHALL BE REMOVED
- ANOTHER BMP SHALL BE INSTALLED

SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED OR WHEN THE SEDIMENT REACHES ONE- HALF (1/2) OF THE HEIGHT OF THE FENCE.

FILTER FABRIC FENCE SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONG RAINFALL, THE LOCATION OF THE FENCE SHALL BE REVIEWED DAILY TO ENSURE EFFECTIVENESS.

REPAIRS SHALL BE MADE AS NEEDED TO ENSURE BMP IS PERFORMING AS INTENDED.



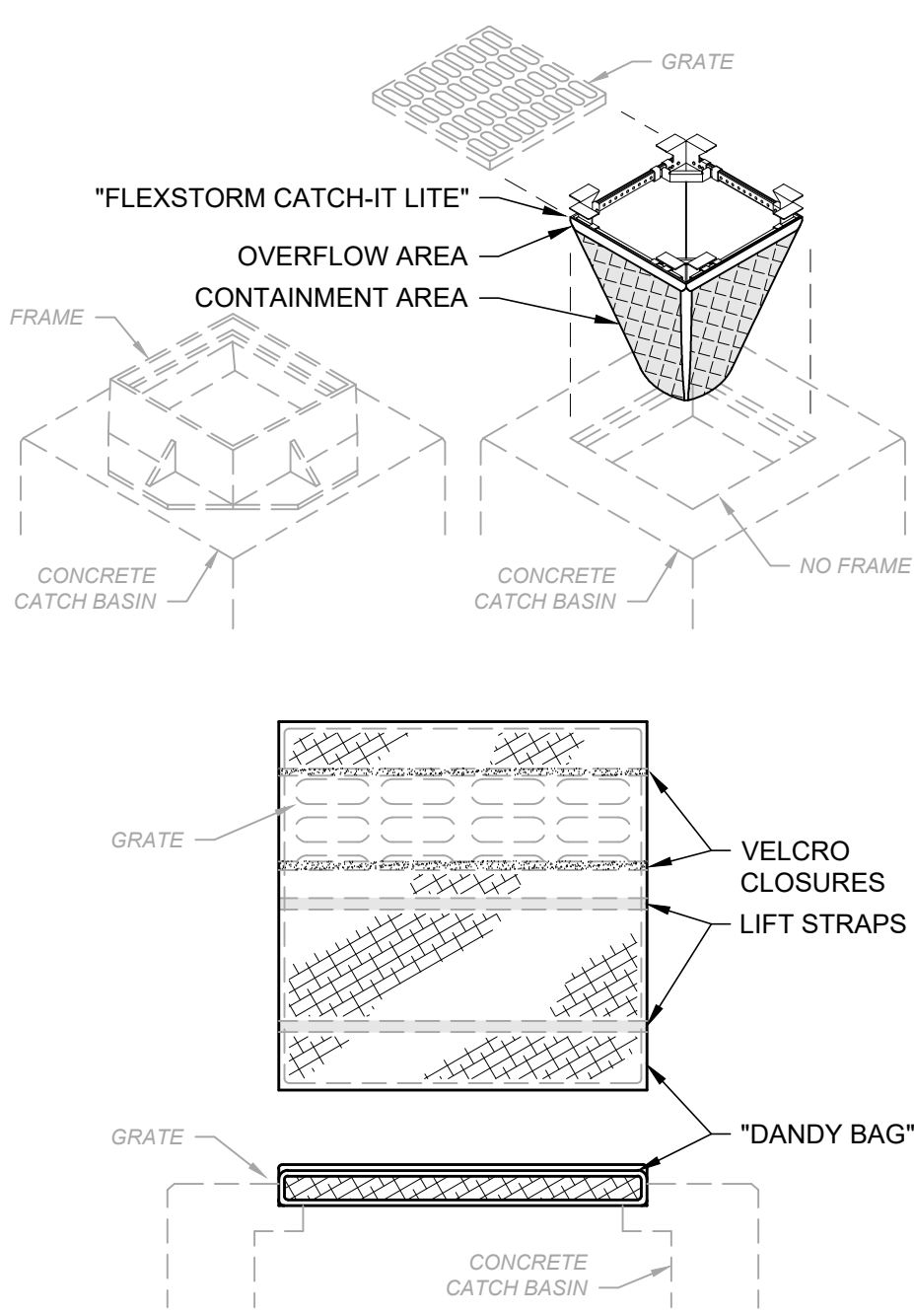
NOTES:

- GEOTEXTILE SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS MEETING THE FOLLOWING:

TENSILE STRENGTH	200 LB
PUNCTURE STRENGTH	80 PSI
TEAR STRENGTH	50 LB
BURST STRENGTH	320 PSI
ELONGATION	20%
EQUIVALENT OPENING SIZE	< 0.6 MM
PERMITTIVITY	0.001 CM/SEC.

- INSTALL WATER BAR, AS NEEDED, TO PREVENT SURFACE RUNOFF FROM FLOWING OUT ONTO PAVEMENT.
- APPLY ADDITIONAL STONE AS CONDITIONS DEMAND, REPLENISH STONE WHEN THE DEPTH IS LESS THAN 6", AND REPLACE IF STONES BECOMES MUD-LADEN.
- IMMEDIATELY REMOVE MUD DROPPED, WASHED OR TRACKED ONTO ROADS OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS BY SCRAPING OR SWEEPING.
- CONSTRUCTION ENTRANCE SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES OR PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
- CONSTRUCTION ENTRANCE SHALL REMAIN UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY.

CONSTRUCTION ENTRANCE DETAIL
NTS



NOTES:

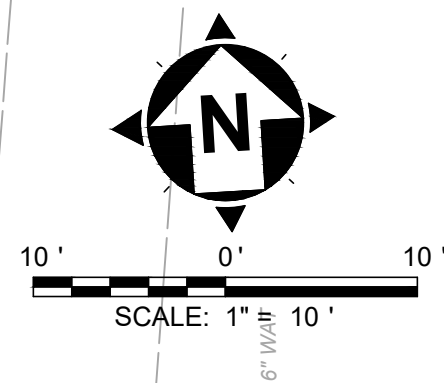
- ALL NEW AND EXISTING STORM INLET BASINS WITHIN THE WORK LIMITS SHALL HAVE INLET PROTECTION INSTALLED.
- INLET PROTECTION SHALL BE INSTALLED AS EACH STORM INLET IS CONSTRUCTED.
- NOT ALL ITEMS SHOWN MAY APPLY OR DIFFERENT TYPES OR CONFIGURATIONS MAY BE REQUIRED. THE CONTRACTOR SHALL MEASURE EACH INLET TO CONFIGURE AND ASSEMBLE CUSTOMIZED INLET FILTERS.

INLET PROTECTION DETAIL
NTS

DATE	REVISION	NO	ISSUED FOR:	100% REVIEW	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
					05/15/24	AS SHOWN	BKU	BKU	DW

COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -
SEDIMENT & EROSION CONTROL
NOTES & DETAILS - 2

PROJECT NO. 241205	
DISCIPLINE CIVIL	
SHEET NAME SEC-NOTE2	
SHEET 12	OF 18



- (L1) PLANT (6) NORWAY SPRUCE TREES. COORDINATE ACTUAL LOCATION AND TYPE WITH ARCHITECT. 8' BALLED AND BURLAP
- (L2) PLANT (3) COLORADO SPRUCE TREES. COORDINATE ACTUAL LOCATION AND TYPE WITH ARCHITECT. 8' BALLED AND BURLAP
- (L3) PROTECT EXISTING TREES. FOR DETAILS, SEE SHEET X.
- (L4) LAWN AREA. PROVIDE MIN. 12" TOPSOIL AND GRASS.
- (L5) BIORETENTION BASIN.
- (L6) BENCH
- (L7) BIKE RACK
- (L8) BRICK COLUMN

PERMEABLE PAVERS

CONCRETE DRIVEWAY APRON

CONCRETE SIDEWALK

BRICK PLAZA PAVERS

BIODETENTION BASIN SEEDING

QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
<u>SHADE TREES</u>					
10	A-R	ACER R. 'REDPOINTE'	REDPOINTE MAPLE	2" CAL.	B&B
5	G-I	GLEDITSEA T.I.'IMPERIAL'	IMPERIAL HONEYLOCUST	2" CAL.	B&B
<u>EVERGREEN TREES</u>					
3	J-B	JUNIPERUS V. 'BURKII'	BURK JUNIPER	6' HT	B&B
<u>SHRUBS</u>					
14	C-S	CORNUS SERICEA 'ISANTI'	ISANTI DOGWOOD	24"	#5 CONT.
24	D-S	DIERVILLA S. 'BUTTERFLY'	BUTTERFLY S. BUSH HONEYSUCKLE	18"	#3 CONT.
38	I-D	ILEX G. 'DENSE'	DENSE COMPACT INKBERRY	18"	#3 CONT.
14	M-G	MYRICA GALE	SWEETGALE	24"	#5 CONT.
<u>PERENNIALS</u>					
50	H-S	HEMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	CLUMP	#2 CONT.
16	L-P	LAVANDULA X INTERMEDIA P.	PHENOMENAL LAVENDER	CLUMP	#2 CONT.

S. COLUMBUS STREET



COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

LANDSCAPING PLAN

PROJECT NO.

DISCIPLINE

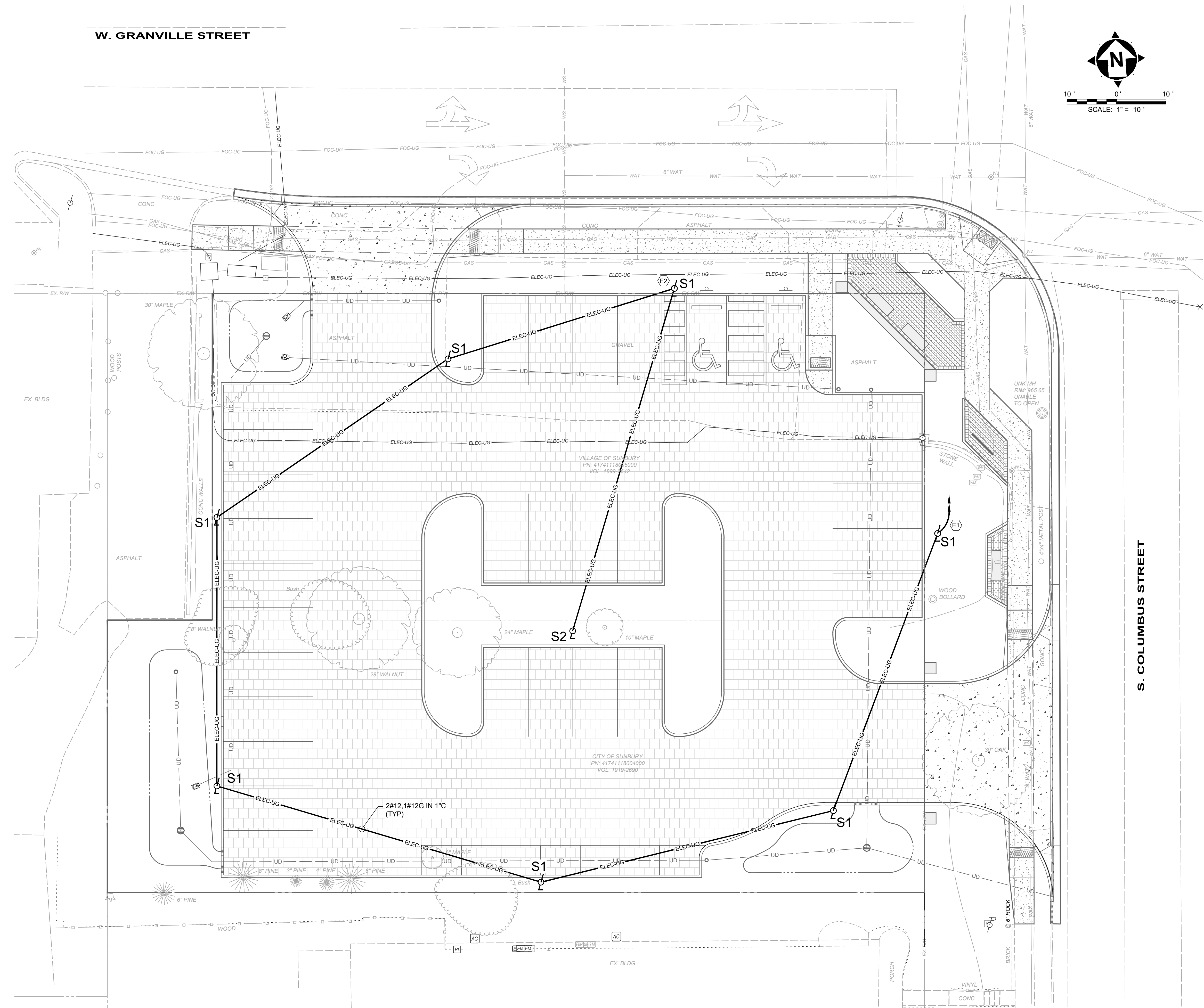
CIVIL

SHEET NAME

LAND-PLN

SHEET	OF
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13	18
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ELECTRICAL KEYNOTES:

- E1 EXTEND LIGHTING / CONTROLS CIRCUITS TO EXISTING ROADWAY LIGHTING. COORDINATE EXACT LOCATION AND CONTROL SYSTEM WITH OWNER.
- E2 COORDINATE INSTALLATION OF NEW LIGHT POLE BASE WITH NEW FENCE AND EXISTING UNDERGROUND ELECTRICAL DUCTBANK PRIOR TO INSTALLATION.

ELECTRICAL GENERAL NOTES:

- 1. REFER TO ELECTRICAL DETAILS SHEET FOR FIXTURE SCHEDULE AND DETAILS.
- 2. DIRECT BURIAL SECTION A-A FOR GRASS AREAS AND REFER TO DUCT BANK SECTION B-B FOR AREAS UNDER PAVEMENT/TRAFFIC AREAS.
- 3. COORDINATE CONDUIT DEPTH WITH OTHER SITE UTILITIES.

COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

ELECTRICAL PLAN

PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
ELEC-PLN	
SHEET	OF
14	18

ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/10/25			
SCALE:	AS SHOWN			
DESIGNED BY:	BKU			
DRAWN BY:	BKU			
CHECKED BY:	DW			





1. ALL DIMENSIONS ARE SHOWN AS A MINIMUM.
2. COORDINATE DEPTH WITH ALL OTHER UTILITIES.



1. PROVIDE CONCRETE ENCASEMENT THROUGHOUT LENGTH OF DUCT BANK.
2. PROVIDE TRENCH LARGE ENOUGH FOR DUCTBANK.
3. ALL DIMENSIONS ARE SHOWN AS A MINIMUM.
4. COORDINATE DEPTH WITH ALL OTHER UTILITIES.

verdantas

ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/10/25			
SCALE:	AS SHOWN			
DESIGNED BY:	BKU			
DRAWN BY:	BKU			
CHECKED BY:	DW			

COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

ELECTRICAL DETAILS

PROJECT NO.

241205

DISCIPLINE

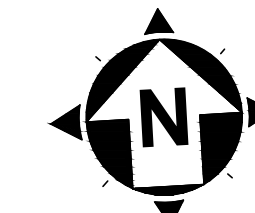
CIVIL

SHEET NAME

ELEC-DET

SHEET	OF
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15	18
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10' 0' 10'

SCALE: 1" = 10'

S. COLUMBUS STREET

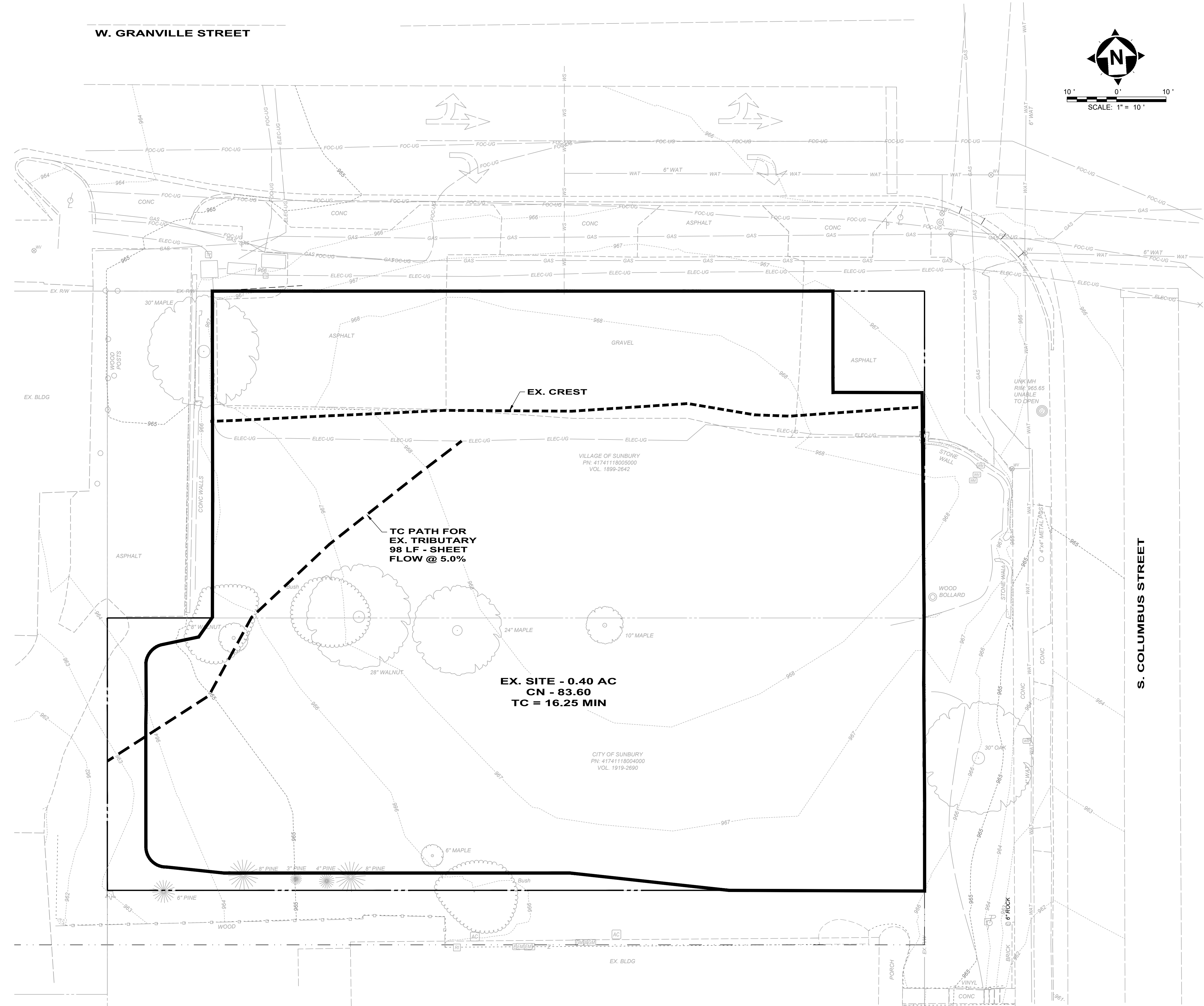
verdantas

ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/10/25			
SCALE:	AS SHOWN			
DESIGNED BY:	BKU			
DRAWN BY:	BKU			
CHECKED BY:	DW			

COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

LIGHTING CALCULATION PLAN

PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
LIGHT-PLN	
SHEET	OF
16	18

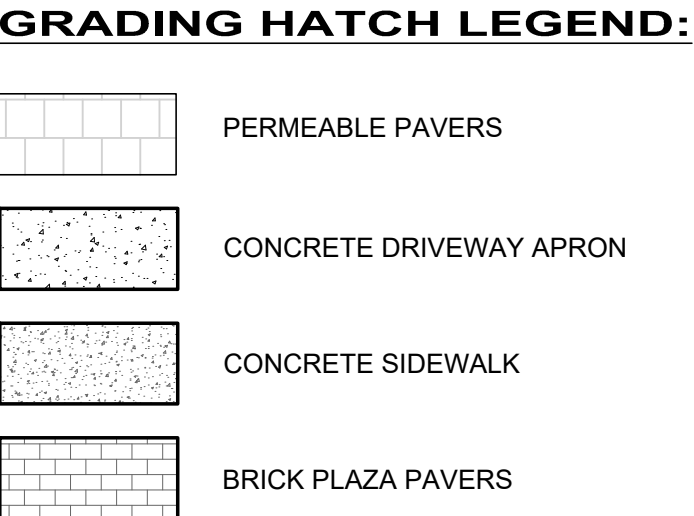


ISSUED FOR:	BID SET	NO	REVISION	DATE
ISSUE DATE:	2/10/25			
SCALE:	AS SHOWN			
DESIGNED BY:	BKU			
DRAWN BY:	BKU			
CHECKED BY:	DW			

COLUMBUS STREET PARKING LOT
- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -

TRIBUTARY MAP
PRE-DEVELOPMENT

PROJECT NO. 241205	
DISCIPLINE CIVIL	
SHEET NAME TRIB-PRE	
SHEET 17	OF 18



PROJECT NO.	
241205	
DISCIPLINE	
CIVIL	
SHEET NAME	
TRIB-POST	
SHEET	OF
18	18