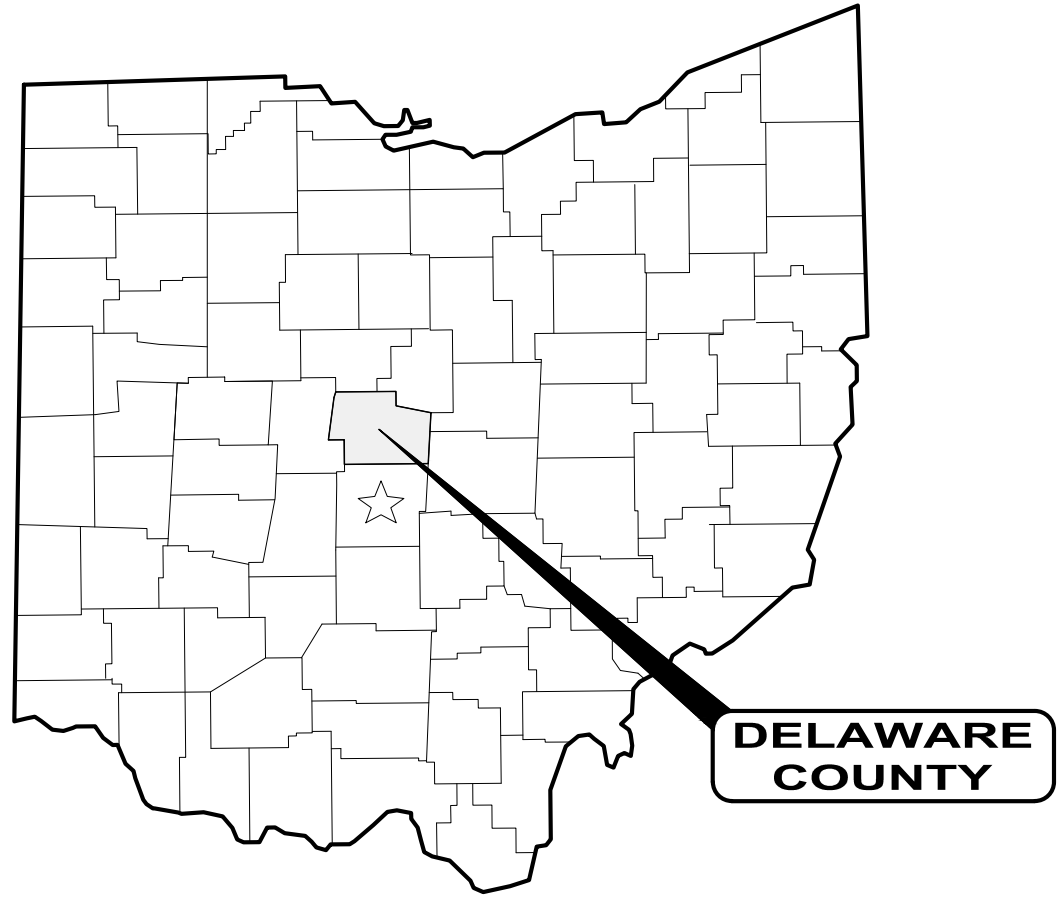
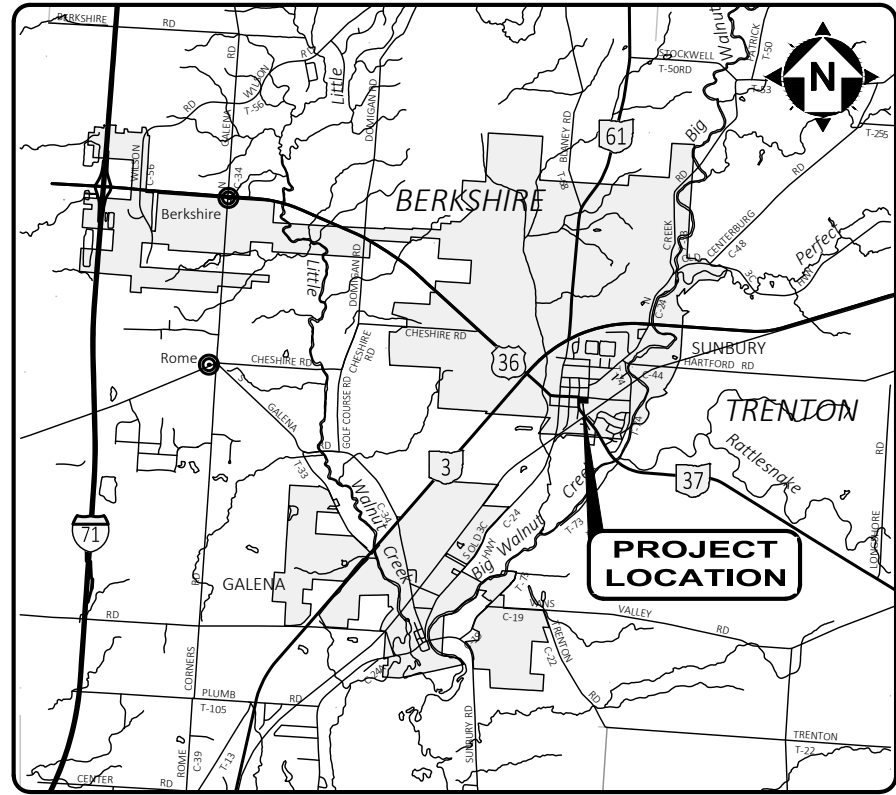




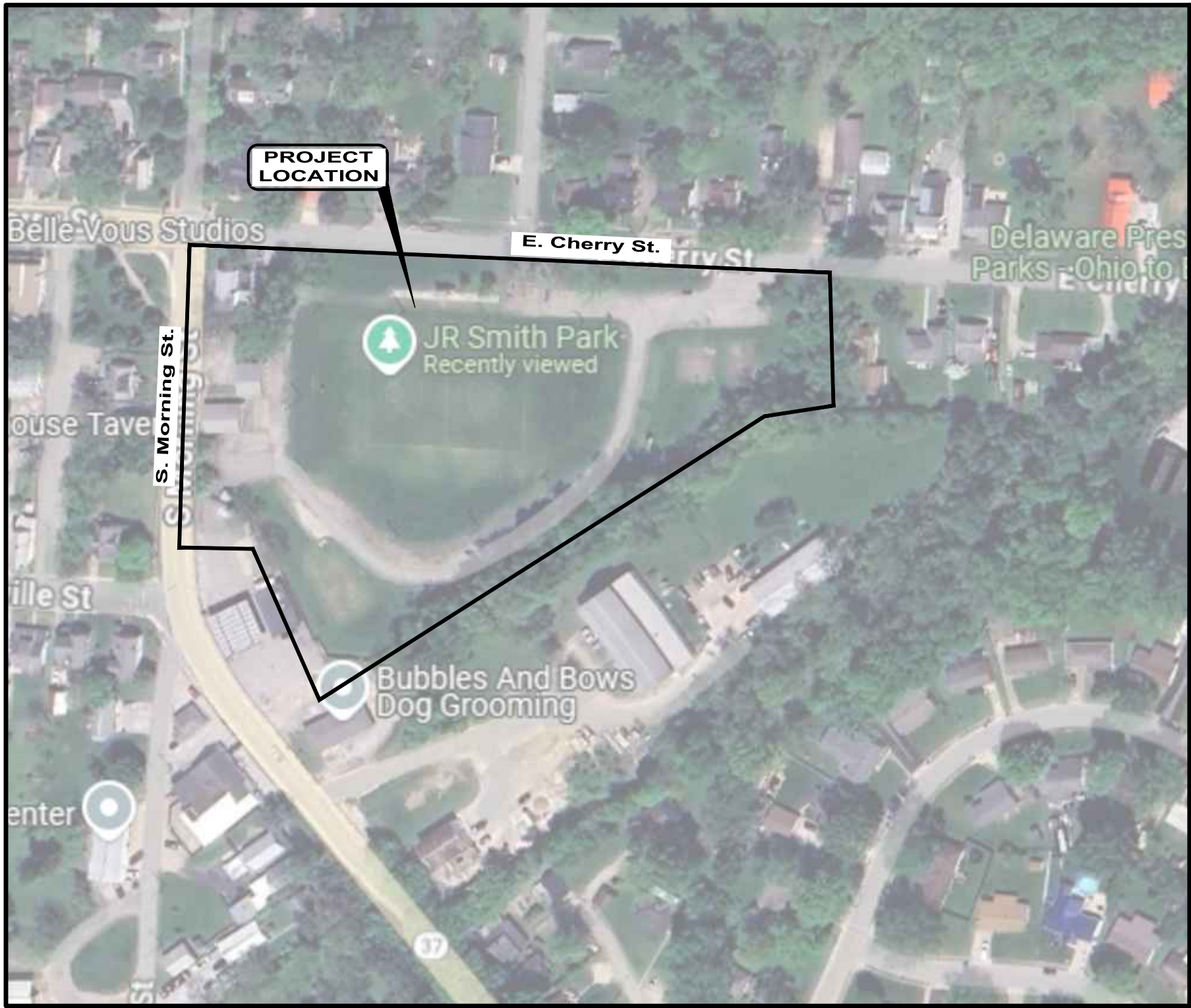
- ENGINEERING PLANS FOR -
JR SMITH PARK IMPROVEMENTS
CITY OF SUNBURY, DELAWARE COUNTY, OHIO
2025

ENGINEER'S PROJECT No. 241545
LWCF PROJECT #39-01541



LOCATION MAP
NTS

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VICINITY MAP
NTS

ENGINEER	LANDSCAPE ARCHITECT	OWNER
VERDANTAS 1625 LOWELL AVE. ERIE, PA 16505 OFFICE: 814-397-8407 CONTACT: JUSTIN CREE, P.E. EMAIL: JCREE@VERDANTAS.COM	VERDANTAS 8150 STERLING COURT MENTOR, OHIO 44060 440-530-2372 WASHINGTON, PA EMAIL:RWASHINGTON@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, CITY ADMINISTRATOR, CITY OF SUNBURY

CARLA ODEBRALSKI, P.E, CITY ENGINEER, CITY OF SUNBURY

PLANS PREPARED BY:

Richard Washington
RICHARD WASHINGTON PLA NO. 194

11-20-2025
DATE

POUPS TICKET NUMBER

A411403115 20 S MORNING ST / A415901798 E GRANVILLE ST

- THE SURVEY SHOWN ON THESE PLANS WAS OBSERVED IN THE FIELD FOR CONSTRUCTION PURPOSES ONLY AND MAY NOT BE SUITABLE FOR PROPERTY LINE SURVEYS OR ANY OTHER PURPOSES.
- UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAIN AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS
- THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.
- A BOUNDARY SURVEY WAS PREARED 6-4-25 AS IS INCLUDED AS PART OF THE EXISTING CONDITIONS PLAN.
- AN UNDERGROUND UTILITY SURVEY WAS PERFORMED BY GPRS APRIL 29,2024. THE IDENTIFIED FIELD MARKED UTILITIES ARE SHOWN ON THE EXISTING CONDITIONS PLAN.

PROJECT DESCRIPTION:

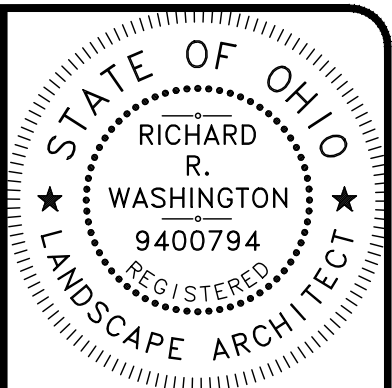
THIS PROJECT INVOLVES THE IMPROVEMENT OF JR SMITH PARK AND THE ADDITION OF PARKING, WALKS, RESTROOMS, PLAYGROUND, PICKLEBALL/ BASKETBALL COURT, MEADOW, SHELTER, BIKE TRAIL, SIDEWALK, BIORETENTION POND, AND SPLASH PAD.

BASIS OF BEARINGS:

THE PROJECT CONTROL COORDINATE SYSTEM IS BASED UPON THE FOLLOWING: · HORIZONTAL DATUM - PROJECT CONTROL COORDINATES FOR THIS PROJECT HAVE BEEN ESTABLISHED BY GPS/RTK OBSERVATIONS UTILIZING THE OHIO COORDINATE SYSTEM OF 1983 (ZONE 3401-OHIO NORTH). OHIO STATE PLANE GRID COORDINATE VALUES ARE EXPRESSED IN UNITS OF U.S. SURVEY FEET. VERTICAL DATUM - NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

ZONING INFORMATION:

OWNER: CITY OF SUNBURY, OH
PROPERTY ADDRESS: 20 S MORNING ST. SUNBURY, OH 43074
PARCEL NUMBER: 41741109017000
TOTAL ACREAGE: 4.30 ACRES



verdantas

DATE	REVISION	NO	BID	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
			11/19/25	AS SHOWN		RW, JC	CZ	RW, JC	

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

COVER SHEET

PROJECT NO. 241545	
DISCIPLINE CIVIL	
SHEET NAME G-1	
SHEET 1	OF 28

GENERAL NOTES:

1.

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.
2.

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.
3.

THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING AGENCY FOR ALL REQUIRED TESTING.
4.

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.
5.

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.
6.

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.
7.

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.
8.

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.
9.

ALL OSHA, STATE AND LOCAL SAFETY REGULATIONS SHALL BE FOLLOWED DURING CONSTRUCTION.
10.

NO CONSTRUCTION SHALL COMMENCE UNTIL ALL CITY OF SUNBURY PERMITS HAVE BEEN ISSUED AS REQUIRED.
11.

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.
12.

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.
13.

ANY TEMPORARY UTILITY REQUIRED BY THE CONTRACTOR (ELECTRIC, WATER ETC.) SHALL BE AT THE SOLE EXPENSE OF THE CONTRACTOR.
14.

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.
15.

ALL PR. CONCRETE PAVEMENT ABUTTING EXISTING PAVEMENT SHALL BE DOWELED INTO EXISTING CONCRETE PAVEMENT USING A ½" DEFORMED DOWEL WITH 9" MINIMUM EMBEDMENT.
16.

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.
17.

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.
18.

CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.
20.

WORKING HOURS FOR THE CITY ARE MONDAY- FRIDAY 7 AM- 7 PM. SATURDAYS MAY BE PERMITTED WITH PERMISSION FROM THE CITY.

ACCESSIBILITY NOTES:

1.

ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA) SHALL BE FOLLOWED IN ALL ASPECTS OF THE PROJECT.
2.

ALL SIDEWALKS INSTALLED SHALL HAVE A MAXIMUM CROSS SLOPE OF 2%.
3.

HANDICAP ACCESSIBLE PARKING SPACES SHALL NOT EXCEED A SLOPE OF 2% IN ANY DIRECTION.

ACCESSIBILITY NOTES:

4.

ALL CURB RAMPS SHOWN ALONG A DESIGNATED ACCESSIBLE ROUTE SHALL BE FLUSH WITH THE ADJACENT PAVEMENT.

UTILITY NOTES:

1.

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 GRADING AND TRENCH EXCAVATION AND SHALL BE RESPONSIBLE FOR REPLACING ANY SERVICES THAT ARE DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
2.

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.
3.

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.
4.

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.
5.

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.
6.

RECORD DRAWINGS OF NEW UTILITY SERVICES SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER UPON COMPLETION OF THE PROJECT.
7.

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:

1.

ALL STORM AND SANITARY ITEMS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND DETAILS AND CITY OF SUNBURY SUBDIVISION REGULATIONS.
2.

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.
3.

IF REQUIRED, CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING AND SCHEDULING STORM AND SANITARY SEWER INSPECTIONS AS SET OUT IN THE PRECONSTRUCTION MEETING.
4.

CONNECTIONS INTO EXISTING OR PROPOSED STORM OR SANITARY SEWER STRUCTURES OR PIPES SHALL BE COMPLETED BY A CERTIFIED TAPPER.
5.

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.
6.

ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
7.

STORM MAIN SEWERS SHALL BE ONE OF THE FOLLOWING:

a.

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:

1.

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

ELECTRIC NOTES:

1.

ALL WORK RELATING TO ELECTRIC LINES SHALL BE COMPLETED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF AEP

MAINTENANCE OF TRAFFIC NOTES:

1.

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.
2.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT TO THE ENGINEER AND THE OWNER A TRAFFIC CONTROL PLAN FOR THIS PROJECT.
3.

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.
4.

RESIDENTS OF THE PROJECT AREA SHALL BE ALLOWED ACCESS TO THEIR PROPERTY AT ALL TIMES.
5.

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:

1.

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.
2.

ALL APPLICABLE RECOMMENDATIONS IN THE OHIO EPA'S RAINWATER AND LAND DEVELOPMENT MANUAL SHALL BE FOLLOWED BY THE CONTRACTOR, INCLUDING SEEDING OF DISTURBED GROUND.
3.

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.
4.

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 PROPOSED IMPROVEMENTS. THIS COULD INCLUDE, BUT NOT BE LIMITED TO, UNSUITABLE OR UNSTABLE SOIL/SUBSURFACE CONDITIONS, ROCK, WATER (PERCHED OR FREE), OBSTRUCTIONS ETC.
5.

ALL TREES AND OTHER VEGETATION WITHIN THE PROJECT LIMITS THAT INTERFERE WITH CONSTRUCTION SHALL BE REMOVED, INCLUDING STUMP REMOVAL.
6.

TREES GREATER THAN OR EQUAL TO THREE INCHES IN DIAMETER AT BREAST HEIGHT MAY ONLY BE CUT BETWEEN OCTOBER 1 AND MARCH 31 IN ORDER TO AVOID ADVERSE EFFECTS TO THE INDIANA BAT AND NORTHERN LONG-EARED BAT.
7.

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.
8.

THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIAL DEEMED UNSUITABLE FOR EMBANKMENT BY THE OWNER'S REPRESENTATIVE AND BE DISPOSED OF OFF-SITE.
9.

THE CONTRACTOR SHALL PROVIDE FINAL GRADING TO WITHIN 1" OF GRADES SHOWN ON THE PLANS.
10.

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.
11.

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.
12.

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.
13.

NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE, RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE SHALL BE USED AS FILL.
14.

EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN CONDITIONS TO PREVENT PONDING OF WATER AFTER RAINS.
15.

ALL EXISTING AND PR. MANHOLE COVERS, VALVE BOXES, ETC. LOCATED WITHIN PEDESTRIAN ACCESS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE.
16.

SLOPE ALL PAVING AND LANDSCAPE AREAS AT A MINIMUM OF 1%.
17.

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.
18.

THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY EARTHWORK OPERATIONS.
19.

MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
20.

CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF REPAIR AND/OR REPLACEMENT OF BMP'S.

LINETYPE LEGEND:

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

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

STATE OF OHIO

RICHARD WASHINGTON

9400794

REGISTERED LANDSCAPE ARCHITECT

Richard Washington, License #794
Expiration Date 12/31/2026

verdantas

ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
	11/19/25	AS SHOWN	RW, JC	CZ	RW, JC

J.R. SMITH PARK IMPROVEMENTS

20 S MORNING ST,

- CITY OF SUNBURY, DELAWARE COUNTY, OH -

GENERAL NOTES - 1

PROJECT NO.	
241545	
DISCIPLINE	
CIVIL	
SHEET NAME	
G-2	
SHEET	OF
2	28

GENERAL NOTES:

1.

A PRE-CONSTRUCTION MEETING SHALL BE HELD AT THE CITY ADMINISTRATION BUILDING (9 E GRANVILLE ST) AT LEAST 15 CALENDAR DAYS BEFORE THE START OF CONSTRUCTION. REPRESENTATIVES OF THE OWNER, DESIGN ENGINEER, DELAWARE COUNTY ENGINEER'S OFFICE, AND THE CONTRACTOR SHALL BE IN ATTENDANCE. A SCHEDULE OF THE SEQUENCE OF EVENTS DURING CONSTRUCTION MUST BE SUBMITTED FOR REVIEW AT LEAST (7) SEVEN DAYS PRIOR TO THIS MEETING.
2.

THE CITY OF SUNBURY DETAILED SPECIFICATIONS TOGETHER WITH THE OHIO DEPARTMENT OF TRANSPORTATION (ODOT) CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS), INCLUDING ALL SUPPLEMENTS THERETO, 2023 EDITION, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN IN THE PLANS UNLESS OTHERWISE NOTED.
3.

ALL WORK SHALL BE COMPLETELY ACCEPTABLE TO THE CITY OF SUNBURY OFFICIALS. NO WORK SHALL COMMENCE UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE CITY OF SUNBURY ENGINEER FOR INSPECTION. NECESSARY LINE AND GRADE STAKING TO BE PROVIDED BY THE CONTRACTOR.
4.

THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE CITY OF SUNBURY ENGINEER AT LEAST (7) SEVEN WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
5.

CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AN UP-TO-DATE COPY OF THE APPROVED PLANS. FOR ACCEPTANCE OF WORK, THE CITY REQUIRES A SIGNED COMPLETE SET OF ALL APPROVED PLANS.
6.

THE CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS AND GOVERNMENT FEES, LICENSES, AND INSPECTIONS FOR THE PROPER EXECUTION OF THE IMPROVEMENTS SHOWN ON THE PLANS.
7.

ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST AT THE OFFICE OF THE CITY ENGINEER.
8.

APPROVAL OF THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY.
9.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE AND VERIFY THE EXTENT OF WORK TO BE PERFORMED PRIOR TO MAKING THEIR BID. THIS IS ESPECIALLY TRUE WITH REGARD TO ANY REMOVAL ITEMS.
10.

THE CONTRACTOR AND SUBCONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE CITY OF SUNBURY.
11.

THE CONTRACTOR IS SPECIFICALLY THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.
12.

ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED TO ORIGINAL CONDITION OR CONNECTED TO THE CURB SUBDRAIN OR TO THE STORM SEWER SYSTEM OR REMOVED AND PLUGGED AS DIRECTED BY THE ENGINEER.
13.

INGRESS AND EGRESS SHALL BE MAINTAINED TO PRIVATE PROPERTY AT ALL TIMES.
14.

THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED DURING OR DUE TO THE EXECUTION OF THIS CONTRACT AT THEIR OWN EXPENSE. SAID WORK TO BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER'S ENGINEER AND THE CITY OF SUNBURY.
15.

ALL SIGNS, FENCES, SHRUBS, DRAINAGE STRUCTURES, OR OTHER PHYSICAL FEATURES THAT ARE TO REMAIN INTACT WHICH ARE DISTURBED OR DAMAGED DURING WORK UNDER THE CONTRACT SHALL BE RESTORED TO THEIR ORIGINAL CONDITION BY THE CONTRACTOR UNLESS OTHERWISE PROVIDED IN THE CONTRACT. THE COST OF ALL SUCH WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS SANITARY SEWER ITEMS.
16.

THE CONTRACTOR SHALL RESTORE DISTURBED AREAS TO ORIGINAL CONDITION AS NEAR AS PRACTICABLE UPON COMPLETION OF THIS WORK. ANY DAMAGE TO OTHER UTILITIES DURING THIS WORK BY THE SUBCONTRACTOR SHALL BE REPAIRED BY THE APPROPRIATE UTILITY OWNER AT THE CONTRACTOR'S EXPENSE.
17.

CARE SHALL BE EXERCISED WHEN WORKING THE AREA AROUND EXISTING TREES AND SHRUBS. TREES MAY BE REMOVED WITHIN THE PERMANENT AND TEMPORARY EASEMENTS ONLY. EFFORTS SHALL BE MADE TO PRESERVE TREES 12-INCHES CALIPER OR LARGER. NO TREES SHALL BE DAMAGED OR DISTURBED OUTSIDE OF THE EASEMENTS OR WHERE MARKED ON THE PLANS AS "DO NOT DISTURB".
18.

THE COST OF DEWATERING OR ROCK EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR STORM OR SANITARY PIPE. THE BIDDER SHALL DETERMINE IF ANY DEWATERING OR ROCK EXCAVATION WILL BE REQUIRED AND ADJUST THEIR BIDS ACCORDINGLY.
19.

THE FLOW IN ALL SEWERS, DRAINS, AND SANITARY SEWER COURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND WHENEVER SUCH SANITARY SEWER COURSES AND DRAINS ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF EXPENSE TO THE CITY OF SUNBURY.
20.

ALL EARTHWORK OPERATIONS, ESPECIALLY PAVEMENT SUBGRADE CONSTRUCTION, SHALL BE INSPECTED BY A REGISTERED SOILS ENGINEER EMPLOYED AND PAID FOR BY THE OWNER. ADDITIONALLY ALL FINAL GRADES SHALL BE FIELD CHECKED BY THE CONSTRUCTION MANAGER UPON COMPLETION OF THE CONTRACTOR'S OPERATIONS TO DETERMINE IF THE SITE HAS BEEN CONSTRUCTED TO THE GRADES INDICATED.
21.

ALL ITEMS CALLED FOR ON THE PLANS FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF SAME AND SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS.
22.

EROSION CONTROL MEASURES ARE TO BE INSTALLED PER PLAN OR AS SUCH DIRECTED BY THE CITY AND ARE TO BE MAINTAINED UNTIL SUCH TIME THAT THEY ARE NO LONGER REQUIRED.
23.

ALL AREAS IN THE RIGHT-OF-WAY ARE TO BE GRADED AND SEEDED AS SOON AS WORK IN THAT AREA IS COMPLETE.
24.

THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION AND MAINTENANCE OF A PORTABLE TOILET ON THE SITE DURING ALL PHASES OF CONSTRUCTION.
25.

THE CONTRACTOR IS RESPONSIBLE FOR ALL COMPACTION. ASPHALT AND CONCRETE TESTING IS TO BE PERFORMED BY A REGISTERED TESTING COMPANY AS SPECIFIED BY THE CITY ENGINEER.
26.

THE CITY ENGINEER RESERVES THE RIGHT TO DIRECT PROJECT SPECIFIC CHANGES TO ANY CITY CONSTRUCTION NOTE AND SPECIFICATION.
27.

NO CONSTRUCTION TRAFFIC IS PERMITTED ON STREETS ACCESSING NEIGHBORHOOD SUBDIVISIONS. NO TRACKED EQUIPMENT IS PERMITTED ON EXISTING STREET PAVEMENT.
28.

THE CONTRACTOR AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR COMPLYING WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 AND ALL OTHER FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. THE CONTRACTOR AND SUBCONTRACTORS SHALL INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS ASSOCIATED WITH THIS WORK.
29.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS NECESSARY TO PERFORM ALL WORK WITHIN AND/OR ADJACENT TO THE RIGHT-OF-WAY OF ALL ROADS AND HIGHWAYS. ALL FEES, BONDS, INSURANCE, AND OTHER COSTS REQUIRED BY THE OWNER OF SAID ROADS AND HIGHWAYS SHALL BE PROVIDED BY THE CONTRACTOR AND INCLUDED IN THE PRICE BID FOR THE WORK.
30.

THE CONTRACTOR SHALL PROVIDE THE CITY ENGINEER AND DELAWARE COUNTY ENGINEER WITH A 24 HOUR TELEPHONE NUMBER TO READILY CONTACT A RESPONSIBLE PARTY IN THE CASE OF AN EMERGENCY. THE COST AND/OR DAMAGES INCURRED RELATED TO WORK PERFORMED BY THE CONTRACTOR IN SUCH EMERGENCIES ARE THE CONTRACTORS RESPONSIBILITY AND NOT THE AFFECTED ENTITY.
31.

NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR BY REASON OF COMPLIANCE WITH ANY OF THE REQUIREMENTS INDICATED IN THE PLANS. BUT PAYMENT SHALL BE DEEMED TO BE INCLUDED AMONG THE SEVERAL ITEMS, AS BID UPON, UNLESS OTHERWISE SPECIFICALLY PROVIDED.

32.

IN ADDITION TO THE DIRECT REQUIREMENTS OF THE CONTRACT SPECIFICATIONS, THE CONTRACTOR SHALL OBSERVE AND CONFORM TO THE SPECIFIC REQUIREMENTS OF ALL RIGHT-OF-WAYS INCLUDING EASEMENTS, COURT ENTRIES, RIGHTS OF ENTRY, OR ACTION FILED IN COURT IN ACCORDANCE WITH THE CODE OF THE APPLICABLE GOVERNING AGENCY. THE COST OF OPERATIONS NECESSARY TO FULFILL SUCH REQUIREMENTS SHALL BE INCLUDED IN THE TOTAL CONTRACT PRICE BID.
33.

THE DESIGN SHOWN ON THESE DRAWINGS IS BASED UPON A FIELD SURVEY AND EXISTING RECORDS.
34.

PRIOR TO THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL TAKE PHOTOGRAPHS AND VIDEO OF THE PROJECT SITE PER THE SPECIFICATIONS. EMPHASIS OF THE VIDEO SHOULD BE ON EXISTING DEVELOPED AREAS CONTIGUOUS WITH THE PROJECT WORK AREAS. A DIGITAL COPY OF ALL MEDIA SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR PRE-CONSTRUCTION VIDEOTAPING.
35.

ALL CONSTRUCTION STAKING SHALL BE PROVIDED BY THE CONTRACTOR. THIS WILL CONSIST OF ALIGNMENT AND GRADE STAKES SET AND MARKED IN THE FIELD. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY REPLACEMENT STAKES NECESSARY, REMOVED OR DESTROYED BY THEIR PERSONNEL OR EQUIPMENT.
36.

THE CONTRACTOR SHALL MAINTAIN AS-BUILT DRAWINGS THROUGHOUT THE PROJECT AND SHALL BRING THE CURRENT SET OF AS-BUILT DRAWINGS TO EACH PROGRESS MEETING FOR REVIEW.
37.

THE WORK OF THIS CONTRACT SHALL NOT INTERFERE WITH MAINTAINING CONTINUOUS FLOW IN THE EXISTING SANITARY SEWER, STORM SEWER, WATERLINES, POWER, TELEPHONE, CABLE TV, GAS, OR ANY OTHER SYSTEM THAT MAY BE ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL UTILITY POLES AND RELOCATE ANY UTILITY THAT IMPEDES CONSTRUCTION. NOTHING SHALL BE DONE BY ANY OTHER CONTRACTOR FOR THIS PROJECT WHICH WILL IN ANY WAY REDUCE THE QUALITY OR QUANTITY LEVEL OF SUCH OPERATIONS. THE CONTRACTOR SHALL NOTIFY THE OWNER (1) ONE WEEK PRIOR TO MODIFYING ANY FACILITIES. NO PAYMENT WILL BE MADE FOR ANY UTILITY MAINTENANCE UNLESS SPECIFICALLY NOTED AS A BID ITEM IN THE PROPOSAL. FAILURE TO PROPERLY MAINTAIN UTILITIES WILL RESULT IN THE REDUCTION OF THE PROPOSAL ITEM FOR UTILITY MAINTENANCE.
38.

AT ALL UTILITY CROSSINGS, THE BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL BETWEEN THE DEEPER AND SHALLOWER PIPE UNLESS CONTROLLED DENSITY FILL OR CONCRETE IS SPECIFIED OTHERWISE IN THE DRAWINGS.
39.

MANHOLES SHALL BE INSTALLED WITH ADJUSTING RINGS SO THAT THE TOP OF THE CASTING IS AT PROPOSED GRADE. THE CASTING SHALL NOT PROTRUDE SO AS TO INTERFERE WITH MOWING.
40.

BACKFILL: EARTH WILL NOT BE MOUNDED OVER THE TRENCH IN ANTICIPATION OF SETTLEMENT. THE CONTRACTOR SHALL COMPACT THE TRENCH AND ESTABLISH THE ORIGINAL DITCH GRADE AS WORK PROGRESSES. DRAINAGE MUST BE RESTORED AS QUICKLY AS PRACTICAL. IF EROSION OF THE DITCH LINE CAUSES SILTING OF EXISTING DRAINAGE LINES, THE CONTRACTOR SHALL CLEAN AS NECESSARY. BACKFILL AND CLEANUP OPERATIONS SHALL BE KEPT WITHIN 300 FEET OF PIPE LAYING OPERATIONS DAILY. CARE SHALL BE TAKEN TO ENSURE THAT NO DITCH LINE ELEVATIONS ARE RAISED DUE TO EXCESS BACKFILL. COMPACTION IS TO BE CARRIED OUT WITH THE NECESSARY EQUIPMENT TO ACHIEVE THE COMPACTION REQUIREMENT OF ODOT CMS ITEM 304.05. THE CONTRACTOR SHALL MAINTAIN DRIVEWAYS ACCESSIBLE AT ALL TIMES BY USING PLATES OR COMPACTED GRANULAR FILL.
41.

ROAD MAINTENANCE AREA: UNLESS PREEXISTING BEFORE CONSTRUCTION OPERATIONS, THE SURFACE WITHIN A MINIMUM OF 5 FEET FROM THE EDGE OF PAVEMENT SHALL BE MAINTAINED OBSTACLE FREE, BY THE CONTRACTOR, FOR POSITIVE DRAINAGE AND/OR SNOW PLOW/MAINTENANCE OF ROAD PAVEMENT.
42.

ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
43.

DISTURBANCE TO THIS SITE IS COVERED BY OEPA GENERAL PERMIT OHC000005 AND THE NPDES PERMIT.



Richard Washington, License #9400794
Expiration Date 12/31/2026



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J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

GENERAL NOTES - 2

PROJECT NO. 241545	
DISCIPLINE CIVIL	
SHEET NAME G-3	
SHEET 3	OF 28

ADDITIONAL NOTES:

1. ANY REVISIONS TO THE ACCEPTED CONSTRUCTION PLANS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION IN THE FIELD.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT AND SHALL NOTIFY THE ENGINEER, IN WRITING, OF ANY DISCREPANCIES.
3. NO WORK SHALL COMMENCE WITHOUT AN EXECUTED NOTICE TO PROCEED.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH OSHA SAFETY REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL VISITORS, EMPLOYEES AND WORKERS ON THE CONSTRUCTION SITE.
5. THE CONTRACTOR SHALL CONSTRUCT THIS PROJECT IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL BUILDING CODES.
6. ALL EXCAVATIONS ARE TO BE SECURED AND PROTECTED AT ALL TIMES.
7. ALL SEDIMENT AND EROSION CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
8. ANY DISTURBED AREAS NOT SCHEDULED FOR CONSTRUCTION ACTIVITIES WITHIN 14 DAYS OF DISTURBANCE SHALL BE TEMPORARILY STABILIZED.
9. THE CONTRACTOR SHALL WORK WITHIN DESIGNATED STREET RIGHTS-OF-WAY, UTILITY EASEMENTS, AND CONSTRUCTION EASEMENTS WHILE CONSTRUCTING THIS PROJECT UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL MINIMIZE LAND AND PROPERTY DISTURBANCE WITHIN SAID RIGHTS-OF-WAY AND EASEMENTS.
10. THE CONTRACTOR SHALL PRESERVE ALL CORNERSTONES, IRON PINS, CONCRETE MONUMENTS, OR ANY OTHER TYPE OF LAND MONUMENT. THE CONTRACTOR SHALL HAVE ALL MONUMENTS IN THE PROXIMITY OF THE WORK REFERENCED. THE CONTRACTOR SHALL REPLACE DESTROYED OR DISTURBED LAND MONUMENTS AND SHALL FURNISH A CERTIFICATION BY AN OHIO REGISTERED SURVEYOR THAT THE MONUMENTS HAVE BEEN RESTORED.
11. ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND LEGALLY DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM OR SURFACE WATERS. POLLUTANTS OF CONCERN INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE, FUELS, LUBRICANTS, SOLVENTS, CONCRETE BI-PRODUCTS AND CONSTRUCTION MATERIALS.
12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS.
13. AT LEAST FIVE DAYS PRIOR TO THE START OF ACTUAL CONSTRUCTION WORK, A PRE-CONSTRUCTION CONFERENCE WILL BE HELD AT A TIME MUTUALLY AGREEABLE TO THE PARTICIPANTS. THE PROJECT ENGINEER, APPROPRIATE VILLAGE AND COUNTY OFFICIALS, THE CONTRACTOR, AND REPRESENTATIVES OF THE UTILITY COMPANIES SHALL ATTEND THE MEETING.
14. CONTRACTOR IS REQUIRED TO SUBMIT A COMPREHENSIVE WORK SCHEDULE AT THE PRE-CONSTRUCTION MEETING FOR REVIEW AND APPROVAL BY THE OWNER.
15. THE CONTRACTOR SHALL NOT COMMENCE WITH ANY FORM OF CONSTRUCTION WITHOUT CONTACTING VERDANTAS, LLC. (440) 530-2372 A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITY TO ARRANGE FOR OBSERVATION. IF ANY CHANGE IN WORK SCHEDULE BECOMES NECESSARY, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT VERDANTAS, LLC TO AVOID UNNECESSARY OBSERVATION COSTS. IF NO NOTIFICATION IS MADE IN REGARDS TO CANCELLATION OF WORK, THE CONTRACTOR WILL BE CHARGED FOR THE TIME INCURRED.
16. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED FROM 7:30 A.M. TO 7:30 P.M. MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE MUNICIPALITY AND THE ENGINEER.
17. AS BUILT RECORDS - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SET OF PROJECT RECORD DOCUMENTS. THESE DOCUMENTS SHALL INCLUDE REVIEWED SHOP DRAWINGS, CHANGE ORDERS, EQUIPMENT OPERATING INSTRUCTIONS, FIELD TEST RECORDS, AND AS BUILT DRAWINGS. THE AS BUILT DRAWINGS SHALL BE MARKED LEGIBLY IN RED WITH THE ACTUAL LOCATION OF EQUIPMENT AND CONDUITS AS CONSTRUCTED. ALL EQUIPMENT AND UNDERGROUND CONDUITS INSTALLED SHALL HAVE LOCATIONS MARKED IN DISTANCE OFF A LANDMARK AT LEAST EVERY 25 FEET AND AS NECESSARY AT BENDS FOR LOCATION OF A LATER DATE. FINAL DOCUMENTS AND PLANS SHALL BE DELIVERED TO THE OWNER. THE CONTRACTOR SHALL SUBMIT RECORD DRAWINGS TO THE ENGINEER WITHIN 30 CALENDAR DAYS OF THE ISSUANCE OF THE CERTIFICATION OF SUBSTANTIAL COMPLETION OR PRIOR TO THE SUBMISSION OF THE FINAL PAYMENT APPLICATION, WHICH EVER OCCURS FIRST.
18. CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTING THIS PROJECT TO A READY TO USE FACILITY. ANY IMPACTS TO THE PROJECT BACK THROUGH THEIR MEANS AND METHODS SHALL BE PROPOSED IN ADVANCE THROUGH THE OWNER, ENGINEER, AND RELEVANT REGULATORY AGENCY, AND CONTRACTOR IS RESPONSIBLE FOR ALL COSTS/FEEs ASSOCIATED WITH THE PROJECT.

ODOT SPECIFICATIONS:

1. THE "CONSTRUCTION AND MATERIAL SPECIFICATIONS" OF THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION (ODOT), LATEST EDITION, CURRENT ODOT SUPPLEMENTAL SPECIFICATIONS, AND CURRENT ODOT STANDARD DRAWINGS SHALL GOVERN WORK AND MATERIALS WHICH ARE NOT SPECIFIED OR MODIFIED HEREIN OR ON THE PROJECT CONTRACT DRAWINGS. ALL REFERENCES TO "THE DEPARTMENT" SHALL BE CHANGED TO "THE OWNER OR HIS REPRESENTATIVE." THE PROJECT CONTRACT DRAWINGS AND SPECIFICATIONS, IN THE EVENT OF A DISCREPANCY, SHALL SUPERSEDE THE ODOT SPECIFICATIONS.
2. THE ABSENCE OF AN "AS PER PLAN" DESIGNATION ON SOME ITEM DESCRIPTIONS IN THE PROPOSAL FOR WHICH THERE ARE CLEAR AND CONTROLLING PLAN NOTES, SPECIFICATIONS, OR OTHER REQUIREMENTS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO READ, BID AND CONSTRUCT THOSE PARTICULAR ITEMS IN ACCORDANCE WITH THE GOVERNING PLAN NOTES, SPECIFICATIONS, OR OTHER REQUIREMENTS AND THE CONTRACTOR SHALL HAVE NO BASIS OF CLAIM BASED UPON AN "ORDER OF PRECEDENCE".

EXISTING CONDITIONS:

1. SHOULD IT BECOME NECESSARY TO CHANGE THE POSITION OR TEMPORARILY REMOVE ANY STORM DRAIN, SANITARY SEWER, ELECTRIC CONDUITS, WATER PIPES, GAS PIPES, PROCESS OR OTHER PIPES OR WIRES IN ORDER TO PERMIT THE CONTRACTOR TO USE A PARTICULAR METHOD OF CONSTRUCTION OR IN ORDER TO CLEAR THE STRUCTURES BEING BUILT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF THE LOCATION AND CIRCUMSTANCES AND SHALL CEASE WORK, IF NECESSARY, UNTIL SATISFACTORY ARRANGEMENTS HAVE BEEN MADE BY THE OWNERS OF SAID PIPES OR WIRES TO PROPERLY CARE FOR THE SAME. NO CLAIMS FOR DAMAGES WILL BE ALLOWED ON ACCOUNT OF ANY DELAY OCCASIONED THEREBY. THE ENTIRE COST OF THE CHANGES OR TEMPORARY REMOVAL MUST BE INCLUDED IN THE PRICES STIPULATED FOR THE VARIOUS ITEMS OF WORK TO BE DONE UNDER THIS CONTRACT.

PROTECTION OF THE PUBLIC:

1. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC FROM ANY HAZARDS CAUSED BY THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL PROVIDE SIGNS, BARRICADES, FENCING, PLATES, COVERS, ETC. NEEDED TO PROVIDE THIS PROTECTION. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS WITH RESPECT TO PROTECTING THE PUBLIC.

DUST CONTROL:

1. MATERIALS AND EQUIPMENT, SUCH AS WATER, ARE TO BE PROVIDED BY THE CONTRACTOR FOR USE AS DUST CONTROL, AS DIRECTED BY THE ENGINEER. NO SEPARATE PAYMENT WILL BE MADE.
2. THE CONTRACTOR SHALL SUPPLY ALL NECESSARY LABOR, MATERIALS, AND EQUIPMENT SUCH AS CALCIUM CHLORIDE (IF NECESSARY), WATER, OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE, AS APPROVED BY THE ENGINEER, TO MINIMIZE DUST GENERATED ON THE CONSTRUCTION SITE AND TO MAINTAIN ALL ROADWAYS BEING USED FOR ACCESS TO THE CONSTRUCTION SITE.

1. THE LOCATIONS OF THE UNDERGROUND UTILITIES ARE PLOTTED ACCORDING TO THE INFORMATION FURNISHED BY THE UTILITIES CONCERNED AND THE OWNER DOES NOT GUARANTEE THE ACCURACY THEREOF. CONTRACTOR TO CALL OUPS (1-800-362-2764) *48 HOURS BEFORE YOU DIG* AND CALL OIL & GAS PRODUCERS PROTECTIVE (1-800-925-0988). CONTRACTOR ALSO TO COORDINATE HIS WORK WITH THE UTILITIES LISTED ON THIS SHEET.
2. IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL EXPENSE TO THE OWNER INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS. UTILITY RELOCATION AND SUPPORT COST SHALL BE INCLUDED IN OTHER BID ITEMS.
3. WHERE EXISTING POWER OR TELEPHONE POLES ARE IN CLOSE PROXIMITY TO WORK, THE CONTRACTOR SHALL COORDINATE HIS WORK EFFORTS WITH THOSE OF THE UTILITY COMPANIES SUCH THAT THEIR EXISTING FACILITIES CAN BE MAINTAINED AND PROTECTED DURING THE TIME WORK IS GOING ON ADJACENT TO THE POLE. THE COST FOR ANY REQUIRED PROTECTION OR RELOCATION OF EXISTING POWER OR TELEPHONE POLES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NOT BE THE RESPONSIBILITY OF THE OWNER.
4. THE UTILITY OWNERSHIPS, AS REPORTED BY OUPS, ARE AS LISTED ON THE COVER SHEET OF THIS PROJECT'S PLAN SET AND THE CONTACT INFORMATION FOR EACH UTILITY IS LISTED BELOW.

EXISTING UTILITIES:

WATER - DEL-CO WATER COMPANY Del-Co Water Company 6658 Olentangy River Rd. Delaware, OH 43015 Attn: Plan Review		ELECTRIC - AEP AEP Ohio: 700 Morrison Road Gahanna, OH 43230 (614) 883-6802	
GAS - COLUMBIA GAS 3550 Johnny Appleseed Court Columbus, OH 43231 (740) 334-1633		SANITARY STORM	KINGSTON TWP KINGSTON TWP

MATERIAL DISPOSAL AND TEMPORARY SURFACES:

1. THE REMOVAL AND DISPOSAL OF ALL SURPLUS EXCAVATED MATERIAL AND CONSTRUCTION DEBRIS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR FOR ULTIMATE DISPOSAL. THE CONTRACTOR SHALL OBTAIN ALL APPROVALS, PERMITS, LICENSES, ETC. FROM LOCAL, STATE AND FEDERAL AGENCIES AND/OR PRIVATE LANDOWNERS. THE CONTRACTOR SHALL FURNISH THE ENGINEER A COPY OF ALL APPROVALS OR WRITTEN PERMISSION PRIOR TO DISPOSING OF ANY WASTE AT SAID SITE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE RESTORATION OF ALL MATERIAL WASTE AREAS USED IN THE COURSE OF THIS CONTRACT. THE RESTORATION WORK SHALL INCLUDE CLEANUP, SHAPING AND GRADING AND ESTABLISHMENT OF VEGETATIVE COVER BY SEEDING AND MULCHING IN ACCORDANCE WITH ODOT SPECIFICATION NO. 659. THE FINAL GRADING OF WASTE AREAS SHALL BE PROPERLY SLOPED TO PROVIDE DRAINAGE RUNOFF. ALL ROCKS, BOULDERS AND CONCRETE CHUNKS SHALL BE BURIED WITHIN THE WASTE AREA TO A DEPTH OF AT LEAST TWO (2) FEET AND SHALL NOT BE VISIBLE AT COMPLETION.
3. THE COST OF HEREIN DESCRIBED WORK, INCLUDING SEEDING AND MULCHING NECESSARY TO SECURE THESE RESULTS, SHALL BE CONSIDERED INCIDENTAL TO THE OTHER VARIOUS ITEMS OF WORK IN THIS CONTRACT AND INCLUDED IN THE RESPECTIVE PAY ITEMS. NO SEPARATE PAYMENT SHALL BE MADE.
4. TEMPORARY SURFACES WHERE EXCAVATION ARE LOCATED IN STREETS, DRIVES AND PARKING AREAS SHALL BE FURNISHED AND PLACED BY THE CONTRACTOR AND SHALL BE FULLY MAINTAINED TO MINIMIZE INCONVENIENCE TO THE PUBLIC AT NO ADDITIONAL COST TO THE OWNER.
5. THE ABOVE DESCRIBED WORK SHALL BE CONSIDERED INCIDENTAL TO THE COMPLETION OF ALL WORK AND INCLUDED IN THE RESPECTIVE PAY ITEMS AND SHALL NOT BE A SEPARATE PAY ITEM.
6. DUMP SITES MUST BE APPROVED BY THE OWNER AND SHALL NOT BE WITHIN THE FLOODPLAIN OR WETLANDS.

CLEARING AND GRUBBING:

1. ALL STUMPS, TREES, UNSUITABLE EXCAVATED MATERIAL, AND OTHER CONSTRUCTION DEBRIS SHALL BE DISPOSED OF BY THE CONTRACTOR, AND INCLUDED IN THE BID PRICE.
2. NO BACKFILLING OF ANY TRENCHES OR EXCAVATIONS WILL BE PERMITTED WITHOUT TAMPING EQUIPMENT BEING USED. FLOODING, JETTING OR PUDDLING OF BACKFILL WILL NOT BE PERMITTED.
3. ALL EXCAVATION SHALL BE CONSIDERED UNCLASSIFIED. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR ROCK OR SHALE EXCAVATION.
4. THE CONTRACTOR SHALL INCLUDE ALL NECESSARY PRECAUTIONS TO PROTECT AND SAVE ALL TREES WHICH ARE ADJACENT TO THE LINE OF WORK AND SHALL REMOVE ONLY THOSE TREES WHICH ARE DESIGNATED FOR REMOVAL ON THE PLANS OR DIRECTED BY THE ENGINEER. TREE ROOTS AND OVERHANGING BRANCHES SHALL BE CUT AND REMOVED FROM THE SITE, EXCEPT WITH SPECIAL PERMISSION OF THE ENGINEER. REFER TO PLANS FOR LOCATIONS OF TREE REMOVAL AND CLEARING AND GRUBBING.

RESTORATION:

1. CONTRACTOR SHALL RESTORE ANY DISTURBED AREAS CAUSED FROM CONSTRUCTION TO PRE-CONSTRUCTION CONDITIONS OR BETTER. FOR DISTURBED LAWN AREAS, THE CONTRACTOR SHALL INSTALL COMPACTED, SCREENED, IMPORTED TOPSOIL TO PROVIDE A SMOOTH TRANSITION FROM THE TOP BACK OF NEW CURB SURFACES TO THE EXISTING NON-PAVED SURFACE OR EXISTING SIDEWALK.
2. ALL GRASS AREAS ARE TO BE RESTORED UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS.
3. ALL DISTURBED PROPERTY SHALL BE RESTORED TO THE PRE-CONSTRUCTION CONDITION OR BETTER WITHIN 30 DAYS OF DISTURBANCE.
4. THE COMPOSITION OF SEED MIXTURE SHALL CONFORM TO THE PROJECT SPECIFICATIONS FOR SEEDING.

NOISE CONTROL PRACTICES:

1. CONSTRUCTION ACTIVITIES WILL BE LIMITED TO WEEKDAY DAYTIME HOURS, UNLESS APPROVED IN ADVANCE BY THE OWNER.
2. CONSTRUCTION EQUIPMENT WILL BE PROVIDED WITH INTAKE SILENCERS AND MUFFLERS, AS REQUIRED BY SAFETY STANDARDS.
3. ALL CONSTRUCTION VEHICLES SHOULD BE EQUIPPED WITH PROPER EMISSIONS CONTROL EQUIPMENT.
4. PERIODICALLY CHECK EQUIPMENT AND MACHINERY FOR PROPER TUNING TO MINIMIZE EXHAUST EMISSIONS AND NOISE.

1. THE USE OF EXPLOSIVES WITHIN VILLAGE LIMITS, UNLESS A PERMIT IS ISSUED BY THE OWNER.
2. PUMPING OF SEDIMENT-LADEN WATER FROM TRENCHES OR OTHER EXCAVATIONS DIRECTLY INTO ANY SURFACE WATERS, STREAM CORRIDORS, OR STORM SEWERS; ALL SUCH WATER WILL BE PROPERLY FILTERED OR SETTLED TO REMOVE SILT PRIOR TO RELEASE.
3. DISCHARGING POLLUTANTS SUCH AS CONCRETE, CHEMICALS, FUELS, LUBRICANTS, BITUMINOUS MATERIALS, RAW SEWAGE, OR ANY OTHER HARMFUL WASTE INTO OR ALONGSIDE OF RIVERS, STREAMS, IMPOUNDMENTS OR INTO NATURAL OR MAN-MADE CHANNELS LEADING THERETO.
4. OPEN BURNING OF PROJECT DEBRIS WITHOUT A PERMIT.
5. STORING CONSTRUCTION EQUIPMENT AND VEHICLES AND/OR STOCKPILING CONSTRUCTION MATERIALS ON PROPERTY, PUBLIC OR PRIVATE, NOT PREVIOUSLY SPECIFIED ON THE PLANS BY THE ENGINEER FOR SUCH PURPOSES.
6. RUNNING WELL POINT OR PUMP DISCHARGE LINES THROUGH PRIVATE OR PUBLIC PROPERTY AND RIGHTS-OF-WAY WITHOUT PERMISSION OF THE PROPERTY OWNER AND THE CONSENT OF THE ENGINEER.
7. OPERATION ENTAILING THE USE OF VIBRATORY HAMMERS OR COMPACTORS OUTSIDE THE HOURS OF 8:00 AM AND 5:00 PM OR OUTSIDE THE HOURS ALLOWED BY LOCAL ORDINANCES OR REGULATIONS.
8. CLOSING OFF CLEAR ACCESS TO ANY PUBLIC ALLEY, STREET, ROAD, AVENUE OR BOULEVARD WITHOUT THE PRIOR CONSENT OF MUNICIPAL OFFICIALS AND THE ENGINEER AND CLOSING CLEAR ACCESS:

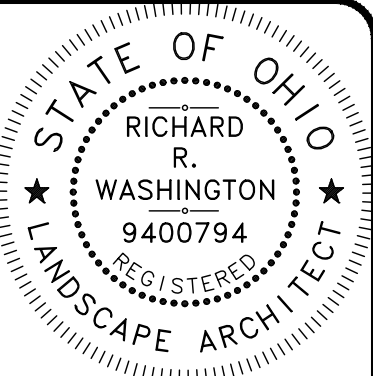
- 8.1. BY FIRE PROTECTION EQUIPMENT AND EMERGENCY VEHICLES;
- 8.2. BY THE PUBLIC TO ANY COMMERCIAL OR PROFESSIONAL PLACE OF BUSINESS, QUASI-PUBLIC OR PUBLIC ESTABLISHMENT, OR PLACE OF RESIDENCE; OR
- 8.3. BY VEHICLES TO DRIVEWAYS WITHOUT THE PROVISION OF ALTERNATIVE MEANS OF BUILDING INGRESS AND EGRESS.

PROPOSED IMPROVEMENTS:

1. THE USE OF SLAG OR RECYCLED PRODUCTS WILL NOT BE PERMITTED FOR USE FOR ANY ASPECT OF THIS PROJECT UNLESS APPROVED BY THE MUNICIPALITY AND THE ENGINEER. SPECIFICALLY, NO RECYCLED ASPHALT PRODUCT (RAP) WILL BE PERMITTED.
2. CONTRACTOR SHALL FOLLOW ALL REQUIREMENTS AS PRESCRIBED BY ALL PERMITTING, REVIEWING, GRANT, AND REGULATORY AGENCIES AS PRESCRIBED IN THE PROJECT BOOK, INCLUDING BUT NOT LIMITED TO: ODNr GRANT CONDITIONS, US ARMY CORPS & THE OHIO EPA.
3. ONCE THE IMPROVEMENTS HAVE BEEN CONSTRUCTED AND COMPLETED, THE DISTURBED SOILS IN THE VICINITY OF THE PROJECT ELEMENTS (PARKING LOT AND WALKWAYS) IN THE LIMITS OF CONSTRUCTION WILL TOPSOILED WITH 2" OF TOPSOIL, SEEDED AND MULCHED IMMEDIATELY.
4. DOCKS: FINAL DOCK RAMP GRADES SHALL MEET FLUSH WITH THE EXISTING SIDEWALKS.
5. CONTRACTOR SHALL VERIFY INSTALLATION REQUIREMENTS WITH THE DOCK MANUFACTURERS AND REVIEW ALL SHOP DRAWINGS FOR ADDITIONAL REQUIREMENTS PRIOR TO DELIVERY. REFER TO SITE FURNISHINGS SPECIFICATIONS.

STORM SEWER NOTES:

1. STORM SEWER MANHOLES ARE TO BE MARKED WITH 4 INCH X 4INCH X 10 FEET PRESSURE TREATED WOOD POSTS, INSTALLED 4 FEET ABOVE FINISHED GRADE AND WITH THE TOP 1 FOOT PAINTED GREEN ON FOUR SIDES.
2. ALL STORM SEWER MANHOLES MUST BE PRECAST CONCRETE AND "ODOT CERTIFIED" STORM MANHOLE.
3. STORM MANHOLE TOP OF CASTING SHOULD BE SET AT 1 ½" ABOVE FINISHED GRADE. STORM MANHOLE LIDS ARE TO BE EAST JORDAN TYPE 1660A1 (OR APPROVED EQUAL) AND EMBOSSED "STORM SEWER". ONLY 2 FOOT DIAMETER LIDS ARE PERMISSIBLE UNLESS APPROVED BY THE CITY ENGINEER. PRECAST CONCRETE RINGS ARE TO BE USED FOR ALL FINAL ADJUSTMENT OF MANHOLE CASTINGS.
4. ALL STORM MANHOLES AND CATCH BASINS SHALL BE GROUTED TO MATCH THE FLOW LINE AND TO PREVENT BUILDUP OF WATER OR DEBRIS. STORM MANHOLE AND CATCH BASIN JOINTS SHALL ALSO BE GROUTED ON THE INSIDE OF THE MANHOLE.
5. STORM SEWER MANHOLES SHALL BE IN ACCORDANCE WITH ITEM 611.
6. PIPE BEDDING IS TO BE CRUSHED # 57 AGGREGATE.
7. ALL CURB INLET AND CATCH BASIN CASTINGS SHALL BE BE PERMANENTLY CAST WITH A TROUT EMBLEM AND "DUMP NO WASTE", "DRAINS TO WATERWAYS" MESSAGES TO CLEARLY IDENTIFY SEWER.
8. ANY FIELD TILE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED, AS DIRECTED BY THE CITY ENGINEER, WITH SDR35 PERFORATED PIPE. SDR-35 WILL BE USED TO SPAN THE TRENCH, OR TO INTERCEPT AND CONVEY TO THE STORM SEWER. TRENCH TO BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL.
9. THE FLOW IN ALL SEWERS, DRAINS, AND WATERCOURSES ENCOUNTERED SHALL BE MAINTAINED BY THE CONTRACTOR AT HIS OWN EXPENSE. WHENEVER SUCH WATERCOURSES ARE DISTURBED OR DESTROYED DURING THE PROSECUTION OF THE WORK, THEY SHALL BE RESTORED BY THE CONTRACTOR, AT HIS OWN EXPENSE, TO A CONDITION SATISFACTORY TO THE ENGINEER.

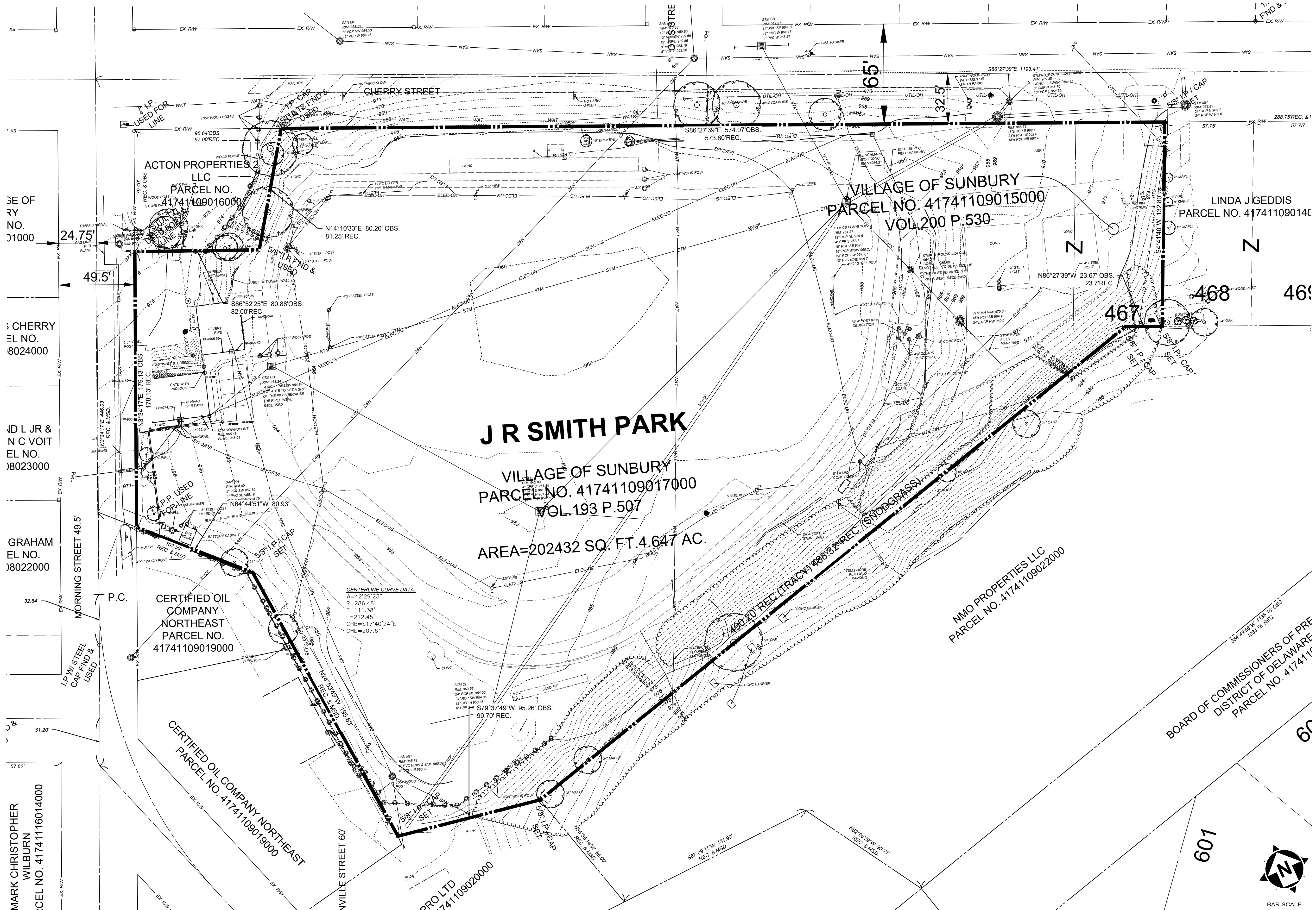


DATE	REVISION	NO	BID #	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
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J.R. SMITH PARK IMPROVEMENTS
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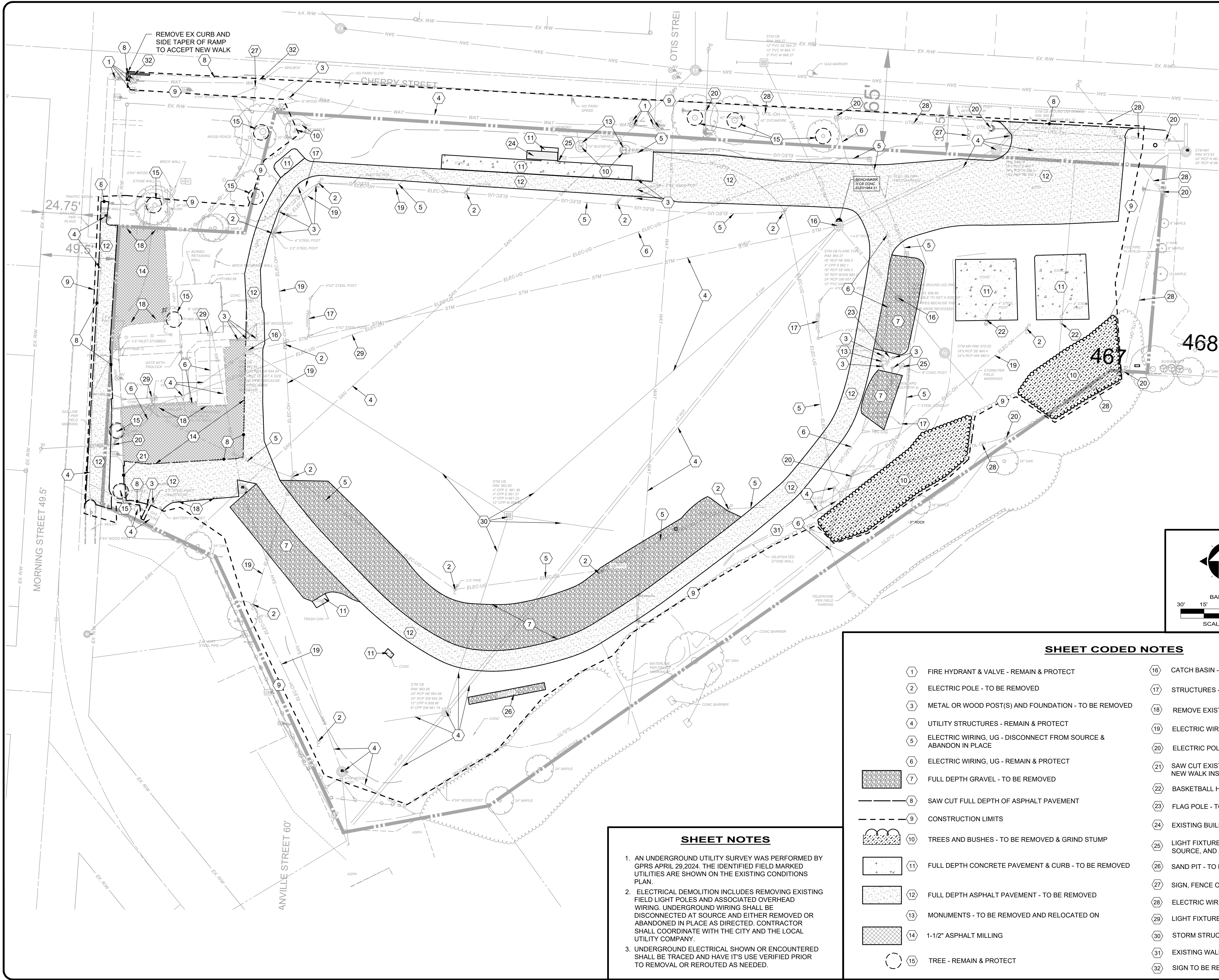
GENERAL NOTES - 3

PROJECT NO. 241545	
DISCIPLINE CIVIL	
SHEET NAME G-4	
SHEET 4	OF 28



REVISION		DATE
NO	REVISION	DATE
1	ISSUED FOR:	BID
2	ISSUE DATE:	11/19/25
3	SCALE:	AS SHOWN
4	DESIGNED BY:	RW, JC
5	DRAWN BY:	CZ
6	CHECKED BY:	RW, JC

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- CITY OF SUNBURY, DELAWARE COUNTY, OH -	
EXISTING CONDITIONS	
PROJECT NO.	
241545	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-1	
SHEET	OF
5	28



SHEET NOTES

1. AN UNDERGROUND UTILITY SURVEY WAS PERFORMED BY GPRS APRIL 29, 2024. THE IDENTIFIED FIELD MARKED UTILITIES ARE SHOWN ON THE EXISTING CONDITIONS PLAN.
2. ELECTRICAL DEMOLITION INCLUDES REMOVING EXISTING FIELD LIGHT POLES AND ASSOCIATED OVERHEAD WIRING. UNDERGROUND WIRING SHALL BE DISCONNECTED AT SOURCE AND EITHER REMOVED OR ABANDONED IN PLACE AS DIRECTED. CONTRACTOR SHALL COORDINATE WITH THE CITY AND THE LOCAL UTILITY COMPANY.
3. UNDERGROUND ELECTRICAL SHOWN OR ENCOUNTERED SHALL BE TRACED AND HAVE ITS USE VERIFIED PRIOR TO REMOVAL OR REROUTED AS NEEDED.

SHEET CODED NOTES	
1 FIRE HYDRANT & VALVE - REMAIN & PROTECT	16 CATCH BASIN - ADJUST TO PROPOSED GRADE
2 ELECTRIC POLE - TO BE REMOVED	17 STRUCTURES - TO BE REMOVED AND RETURNED TO CITY
3 METAL OR WOOD POST(S) AND FOUNDATION - TO BE REMOVED	18 REMOVE EXISTING WHEEL STOPS AND REUSE
4 UTILITY STRUCTURES - REMAIN & PROTECT	19 ELECTRIC WIRING, OH - TO BE REMOVED
5 ELECTRIC WIRING, UG - DISCONNECT FROM SOURCE & ABANDON IN PLACE	20 ELECTRIC POLE - REMAIN & PROTECT
6 ELECTRIC WIRING, UG - REMAIN & PROTECT	21 SAW CUT EXISTING CONCRETE WALL 8" LOWER TO ALLOW NEW WALK INSTALLATION
7 FULL DEPTH GRAVEL - TO BE REMOVED	22 BASKETBALL HOOP POST - REMOVE AND RETURN TO CITY
8 SAW CUT FULL DEPTH OF ASPHALT PAVEMENT	23 FLAG POLE - TO BE REMOVED AND RELOCATED BY CITY
9 CONSTRUCTION LIMITS	24 EXISTING BUILDING TO BE REMOVED
10 TREES AND BUSHES - TO BE REMOVED & GRIND STUMP	25 LIGHT FIXTURE - TO BE REMOVED, DISCONNECT FROM POWER SOURCE, AND ABANDON UNDERGROUND WIRING IN PLACE
11 FULL DEPTH CONCRETE PAVEMENT & CURB - TO BE REMOVED	26 SAND PIT - TO BE REMOVED
12 FULL DEPTH ASPHALT PAVEMENT - TO BE REMOVED	27 SIGN, FENCE OR POST TO REMAIN
13 MONUMENTS - TO BE REMOVED AND RELOCATED ON	28 ELECTRIC WIRING, OH - REMAIN & PROTECT
14 1-1/2" ASPHALT MILLING	29 LIGHT FIXTURE - REMAIN & PROTECT
15 TREE - REMAIN & PROTECT	30 STORM STRUCTURES AND PIPES TO BE REMOVED
	31 EXISTING WALL - REMAIN AND PROTECT
	32 SIGN TO BE RELOCATED

STATE OF OHIO

RICHARD WASHINGTON

9400794

REGISTERED LANDSCAPE ARCHITECT

Richard Washington, License #794
Expiration Date 12/31/2026

verdantas

ISSUED FOR:	BID	NO	REVISION	DATE
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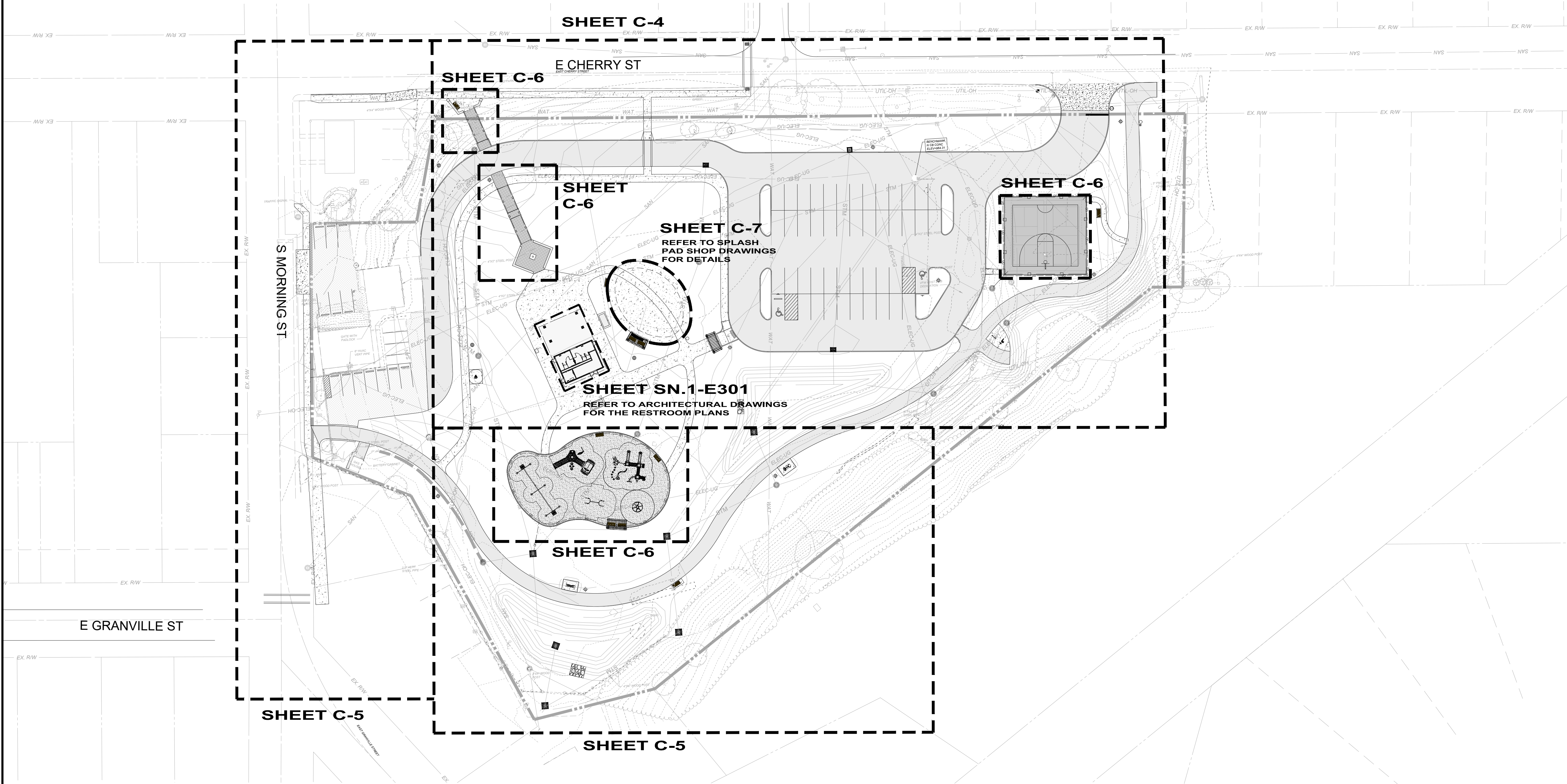
J.R. SMITH PARK IMPROVEMENTS

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DEMOLITION PLAN

PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	C-2
SHEET	6
OF	28



Richard Washington, License #9400794
Expiration Date 12/31/2026

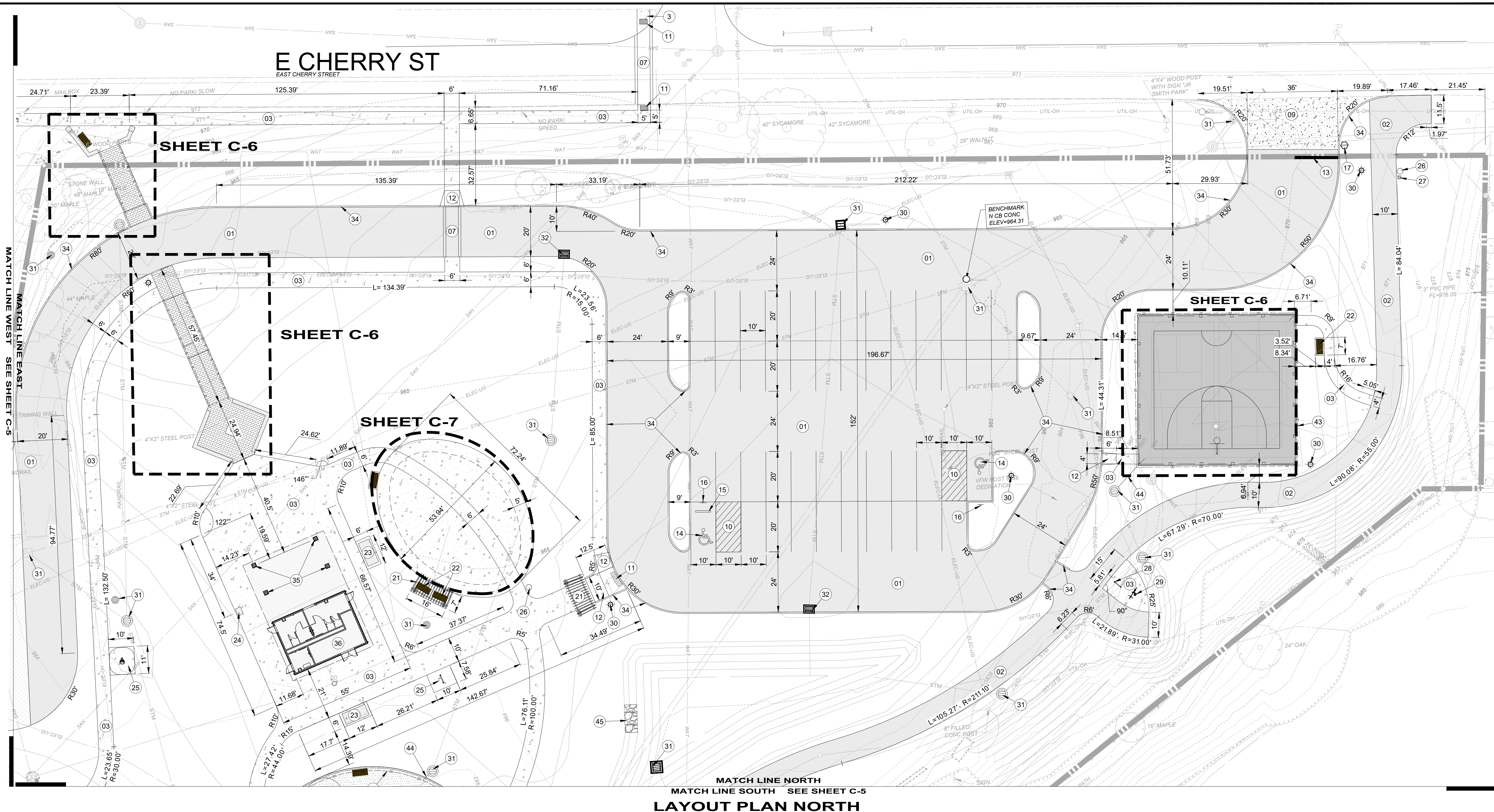


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OVERALL LAYOUT PLAN

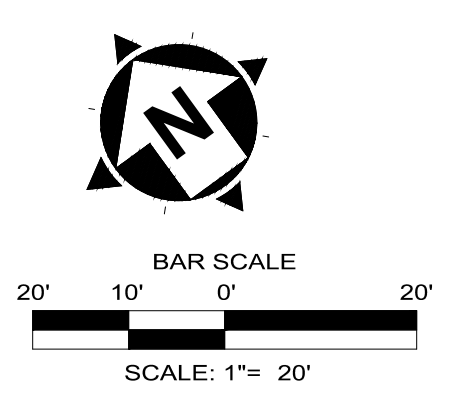
PROJECT NO. 241545	
DISCIPLINE CIVIL	
SHEET NAME C-3	
SHEET 7	OF 28



MATCH LINE NORTH
MATCH LINE SOUTH SEE SHEET C-5
LAYOUT PLAN NORTH

CODED NOTES & LEGEND

- | | | | | |
|--|-----------------------------------|---------------------------------|--------------------------------|--------------------------|
| 01 STANDARD DUTY ASPHALT PAVEMENT | 12 CONCRETE WALK RAMP | 22 BENCH - N.I.C. | 32 CURB INLET | 41 10' CHAIN LINK FENCE |
| 02 ASPHALT WALK | 13 STOP BAR | 23 BENCH SWING PAD | 33 PLAYGROUND SAFETY SURFACING | 42 CHAINLINK GATE |
| 03 CONCRETE WALK | 14 ACCESSIBLE PARKING SYMBOL | 24 GRILL - N.I.C. | 34 CONCRETE CURB | 43 PERIMETER UNDER DRAIN |
| 04 ASPHALT PLANING | 15 REUSED WHEEL STOP | 25 FITNESS STATION - N.I.C. | 35 PAVILION POST | 44 SUBDRAINAGE |
| 05 ASPHALT COURT | 16 ACCESSIBLE PARKING SIGN | 26 TRASH RECEPTACLE | 36 PAVILION | 45 EMERGENCY SPILLWAY |
| 06 STAMPED & COLORED CONCRETE RAMP | 17 STOP SIGN | 27 DOG WASTE STATION | 37 BASKETBALL HOOP / POLE | 46 GRASS SWALE |
| 07 CROSSWALK | 18 RETAINING WALL | 28 BIKE RACK - N.I.C. | 38 BASKETBALL STRIPS IN WHITE | 47 FLAG POLE - N.I.C. |
| 08 HAND RAIL | 19 BRICK COLUMNS | 29 BIKE REPAIR STATION - N.I.C. | 39 PICKLE BALL STRIPS IN GRAY | |
| 09 CONCRETE APRON | 20 SEAT WALLS | 30 LIGHT POLE | 40 PLAYGROUND EDGING | |
| 10 ISLAND PAVEMENT MARKING (TYP.) | 21 PERGOLA. REF TO SPEC (SHEET X) | 31 CATCH BASIN | | |
| 11 ADA DETECTABLE WARNING SURFACE (TYP.) | | | | |



STATE OF OHIO
RICHARD R. WASHINGTON
9400794
REGISTERED
LANDSCAPE ARCHITECT
Richard Washington, License #794
Expiration Date 12/31/2026

verdantas

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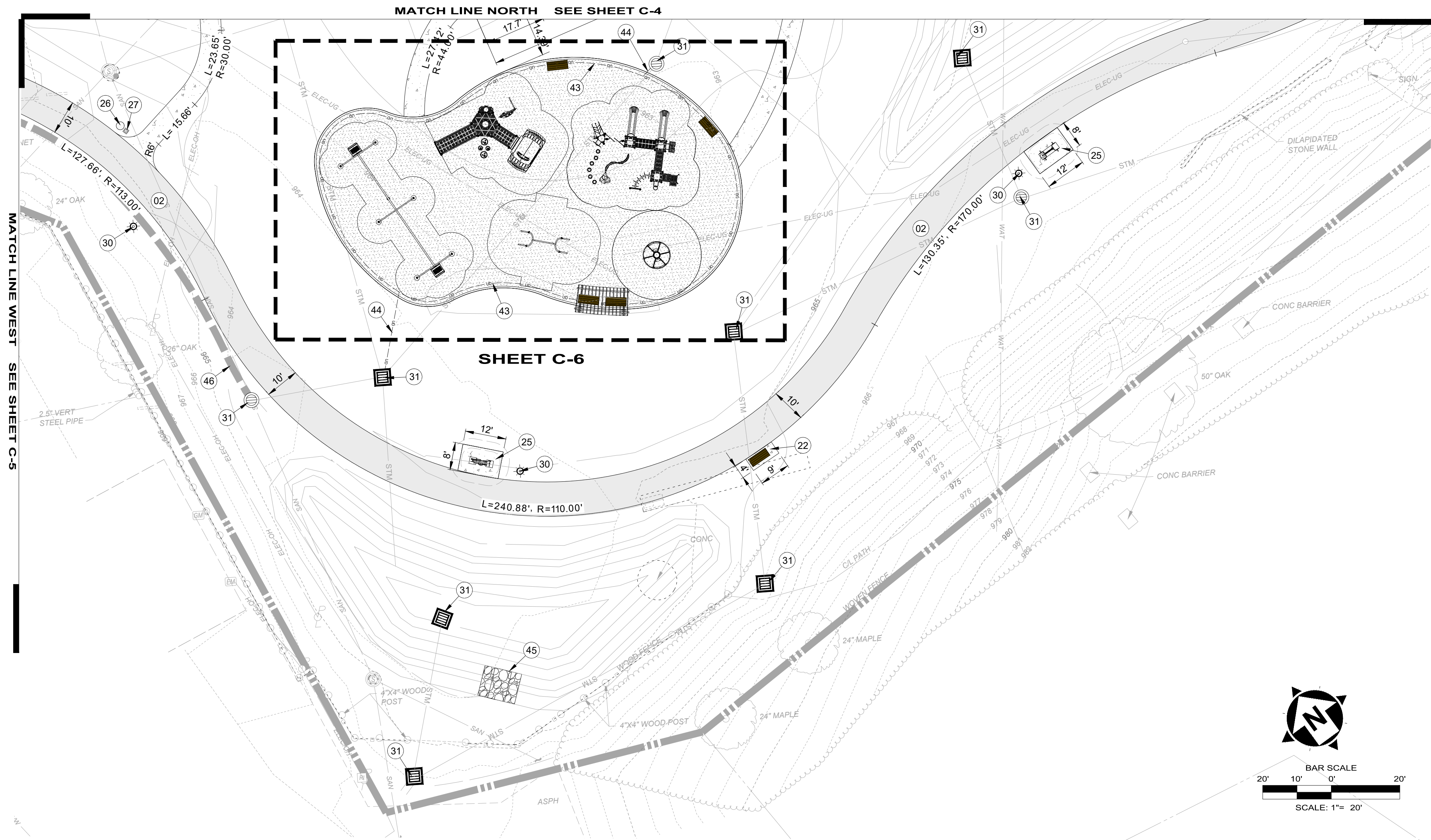
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LAYOUT PLAN NORTH

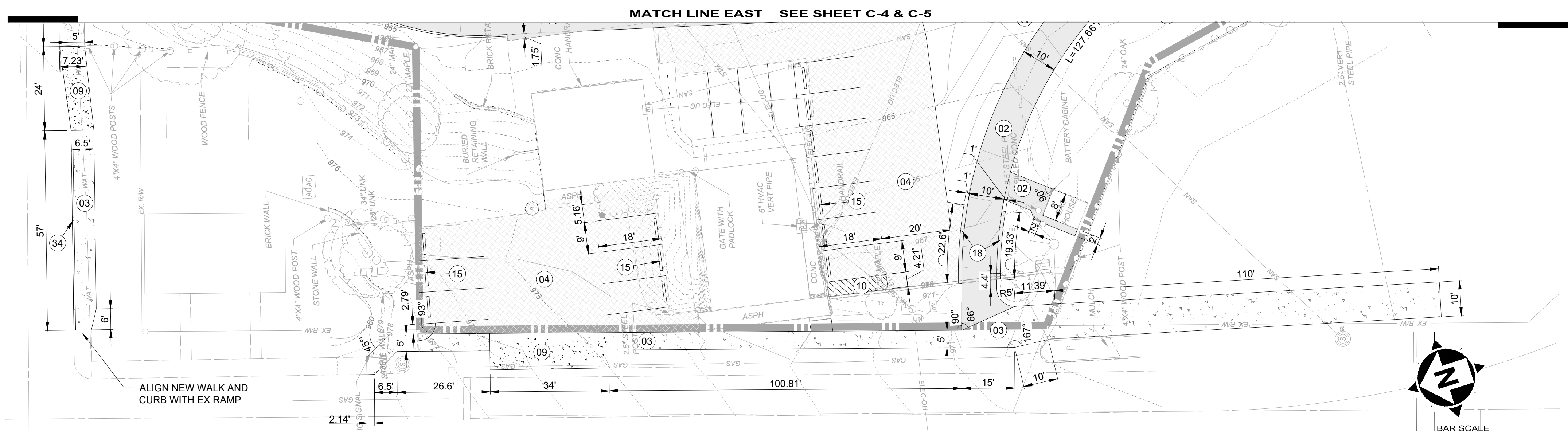
PROJECT NO. 241545	
DISCIPLINE CIVIL	
SHEET NAME C-4	
SHEET 8	OF 28

CODED NOTES & LEGEND

- 01 STANDARD DUTY ASPHALT PAVEMENT
- 02 ASPHALT WALK
- 03 CONCRETE WALK
- 04 ASPHALT PLANING
- 05 ASPHALT COURT
- 06 STAMPED & COLORED CONCRETE RAMP
- 07 CROSSWALK
- 08 HAND RAIL
- 09 CONCRETE APRON
- 10 ISLAND PAVEMENT MARKING (TYP.)
- 11 ADA DETECTABLE WARNING SURFACE
- 12 CONCRETE WALK RAMP
- 13 STOP BAR
- 14 ACCESSIBLE PARKING SYMBOL
- 15 WHEEL STOP
- 16 ACCESSIBLE PARKING SIGN (TYP.)
- 17 STOP SIGN
- 18 RETAINING WALL
- 19 BRICK COLUMNS
- 20 SEAT WALLS
- 21 PERGOLA. REF TO SPEC - N.I.C.
- 22 BENCH - N.I.C.
- 23 BENCH SWING CONCRETE PAD
- 24 GRILL - N.I.C.
- 25 FITNESS STATION - N.I.C.
- 26 TRASH RECEPTACLE
- 27 DOG WASTE STATION
- 28 BIKE RACK - N.I.C.
- 29 BIKE REPAIR STATION - N.I.C.
- 30 LIGHT POLE
- 31 CATCH BASIN
- 32 CURB INLET
- 33 PLAYGROUND SAFETY SURFACING
- 34 CONCRETE CURB
- 35 PAVILION POST
- 36 PAVILION/RESTROOM
- 37 BASKETBALL HOOP / POLE
- 38 BASKETBALL COURT STRIPES IN WHITE
- 39 PICKLE BALL COURT STRIPES IN GRAY
- 40 PLAYGROUND EDGING
- 41 10' CHAIN LINK FENCE
- 42 CHAINLINK GATE
- 43 PERIMETER UNDER DRAIN
- 44 SUBDRAINAGE
- 45 EMERGENCY SPILLWAY
- 46 GRASS SWALE
- 47 FLAG POLE - N.I.C.



LAYOUT PLAN SOUTH



LAYOUT PLAN WEST



Richard Washington, License #9400794
Expiration Date 12/31/2026

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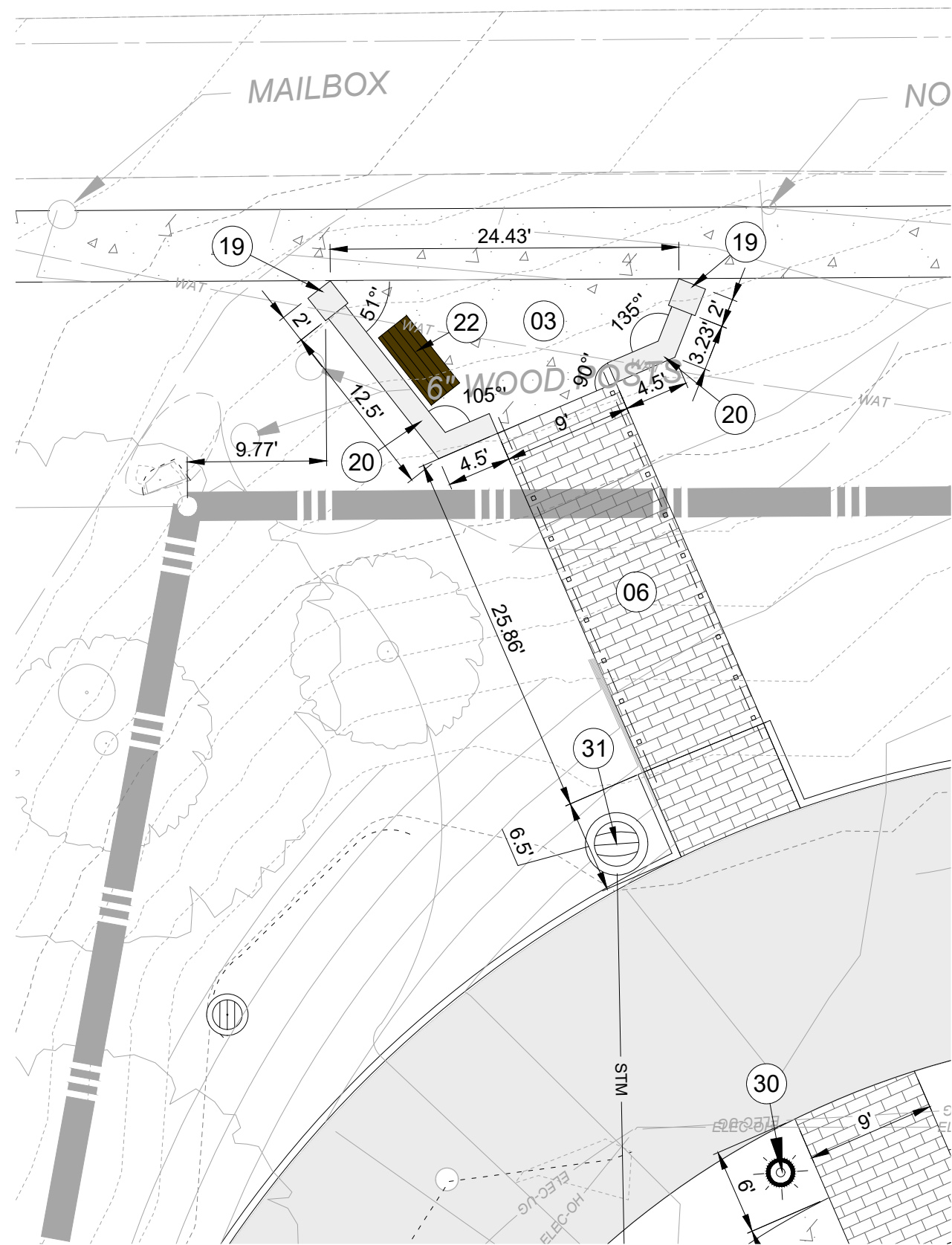
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SOUTH & WEST LAYOUT PLAN

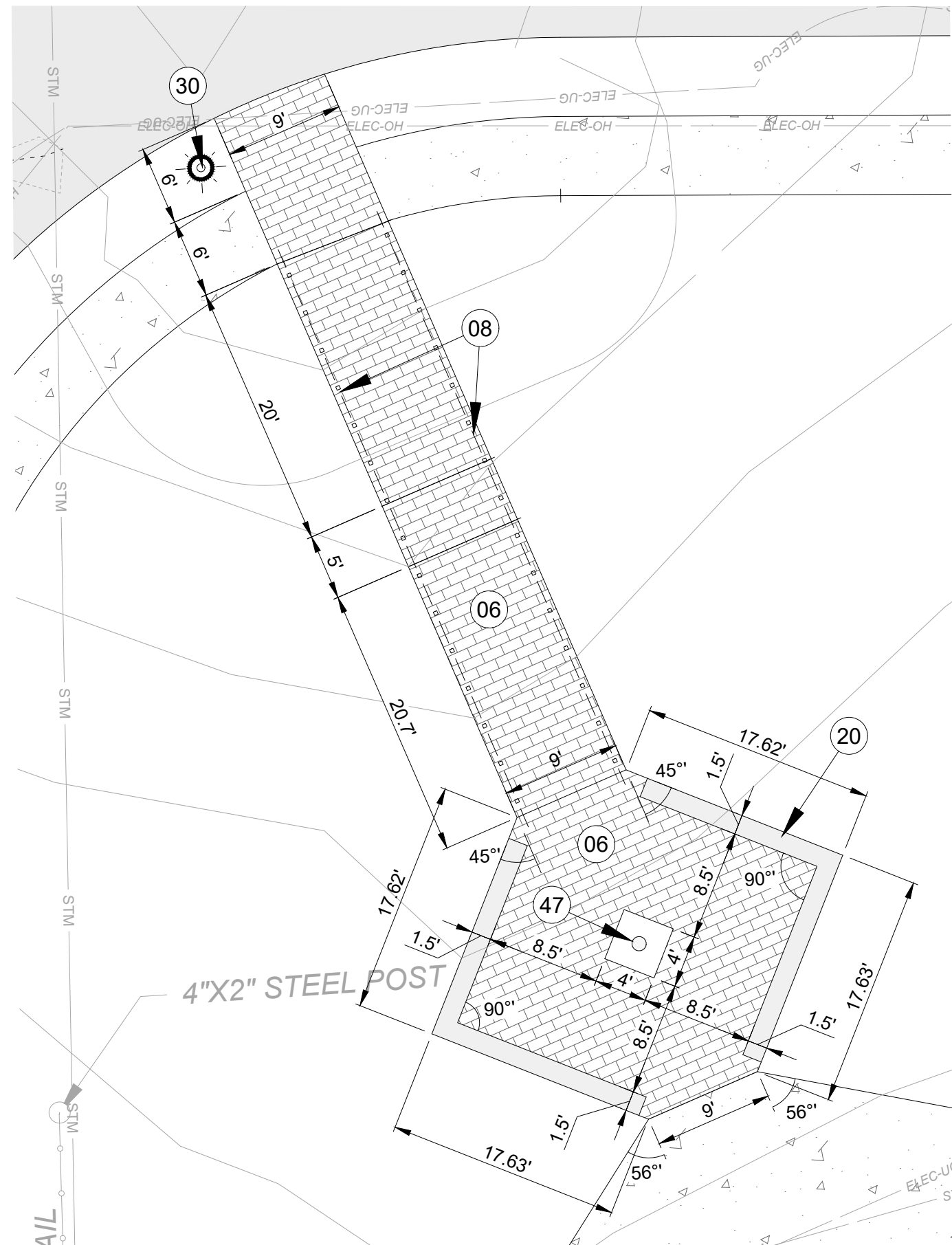
PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	C-5
SHEET	9
OF	28

CODED NOTES & LEGEND

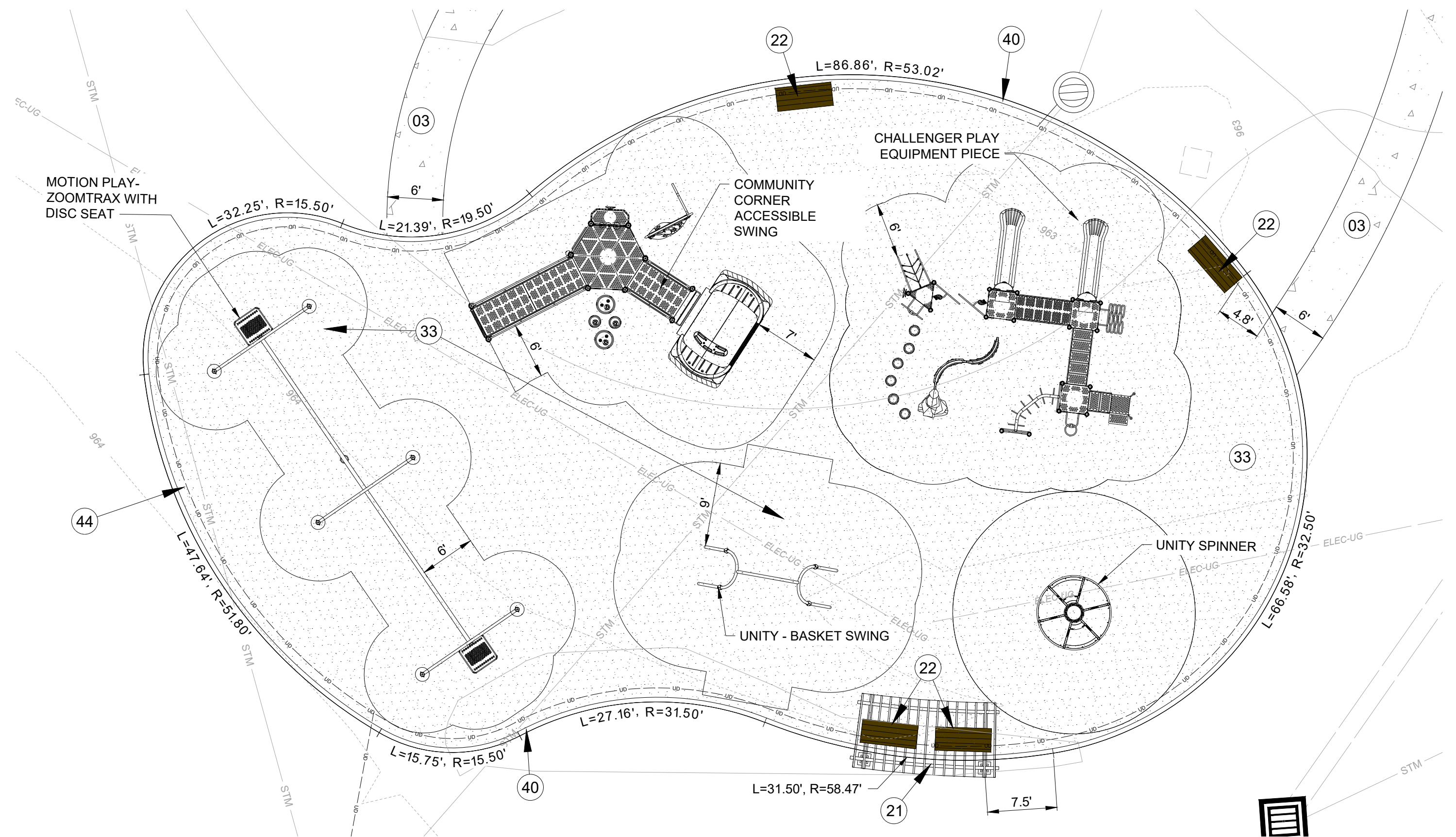
- 01 STANDARD DUTY ASPHALT PAVEMENT
02 ASPHALT WALK
03 CONCRETE WALK
04 ASPHALT PLANING
05 ASPHALT COURT
06 STAMPED & COLORED CONCRETE RAMP
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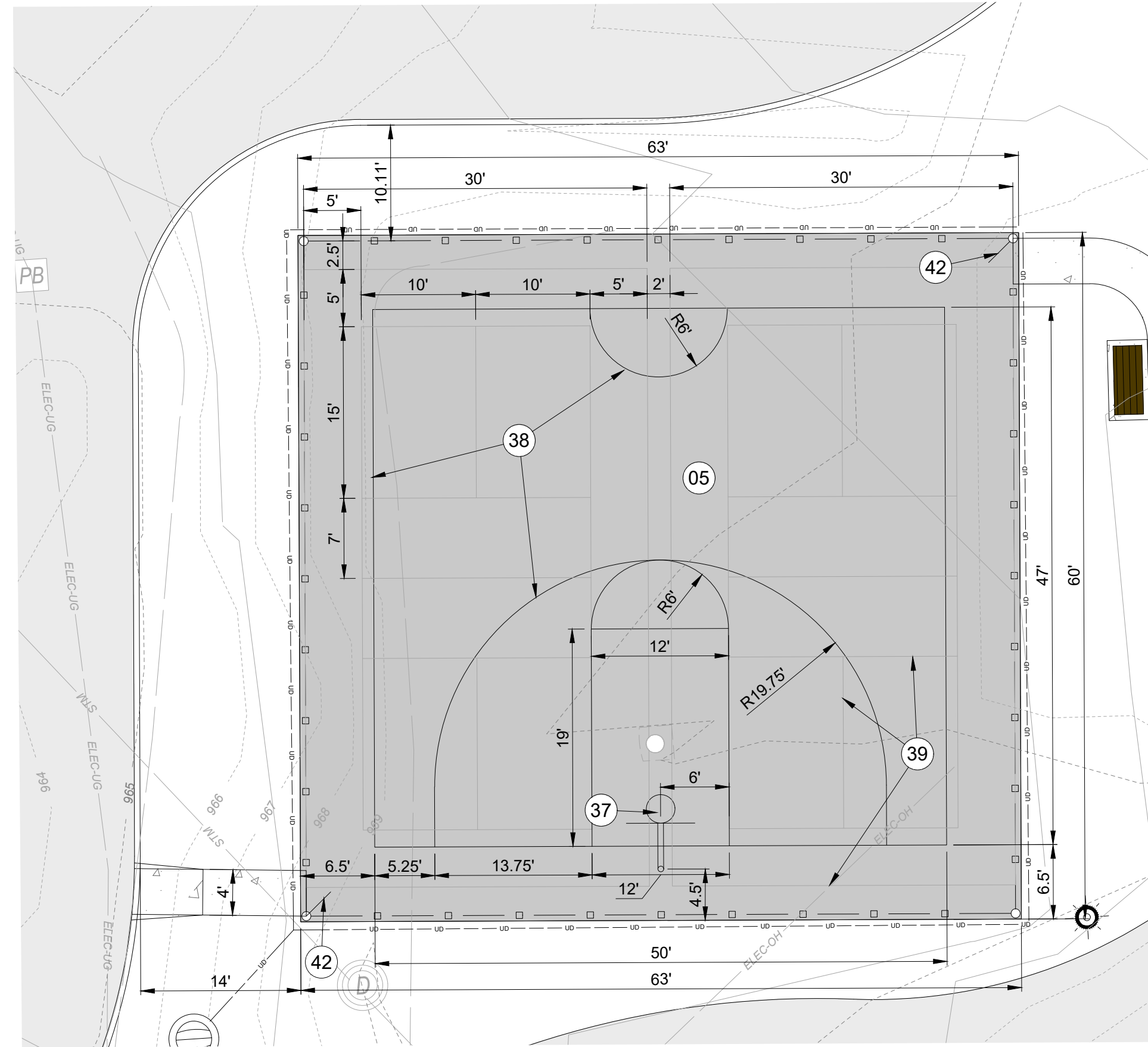
ENTRANCE PLAZA LAYOUT PLAN



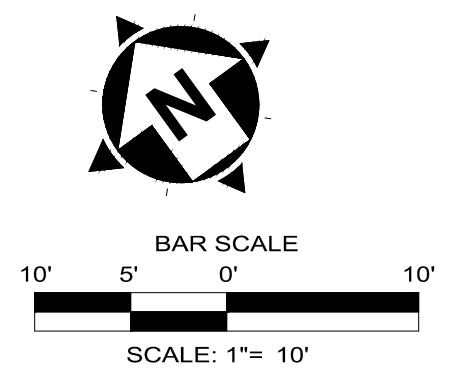
FLAG PLAZA AND RAMP LAYOUT PLAN



PLAYGROUND LAYOUT PLAN



PICKLE BALL/BASKETBALL COURT LAYOUT PLAN



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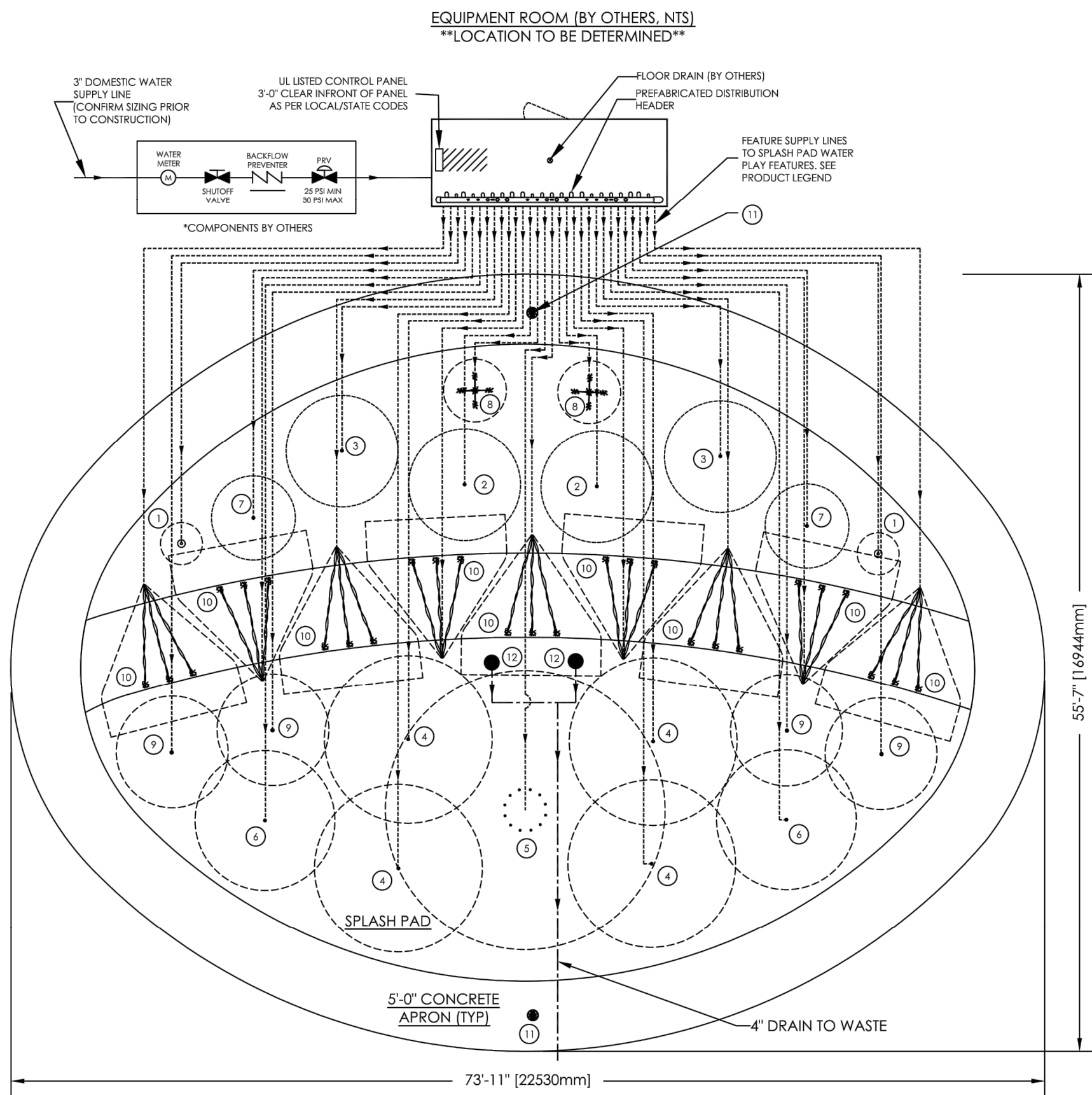
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J.R. SMITH PARK IMPROVEMENTS
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LAYOUT DETAILS

PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	C-6
SHEET	OF
10	28

NO	PRODUCT	QTY	LINE SIZE	GPM
1	BUBBLER	2	1" EA	4EA
2	FUNNEL TWIST	2	1" EA	5EA
3	GROUND FUNNEL	2	1" EA	10EA
4	JUNIOR WATER JEWEL	4	1" EA	7EA
5	MINI OUTWARD SPRAY RING	1	1 1/2"	12
6	MINI PILLAR	2	1" EA	10EA
7	ROOSTER SPRAY	2	1" EA	7EA
8	SEA CRAWLER	2	1" EA	5EA
9	STREAM JET	4	1" EA	1EA
10	TRIPLE ARCH JET	9	1" EA	3EA
11	STEP PAD ACTIVATOR	2	N/A	N/A
12	DRAIN BOX	2	N/A	N/A

SPLASH PAD AREA: 2,254 SQ. FT.
APRON AREA: 196 SQ. FT.
TOTAL AREA: 3,170 SQ. FT.
TOTAL FEATURE FLOW RATE: 153 GPM

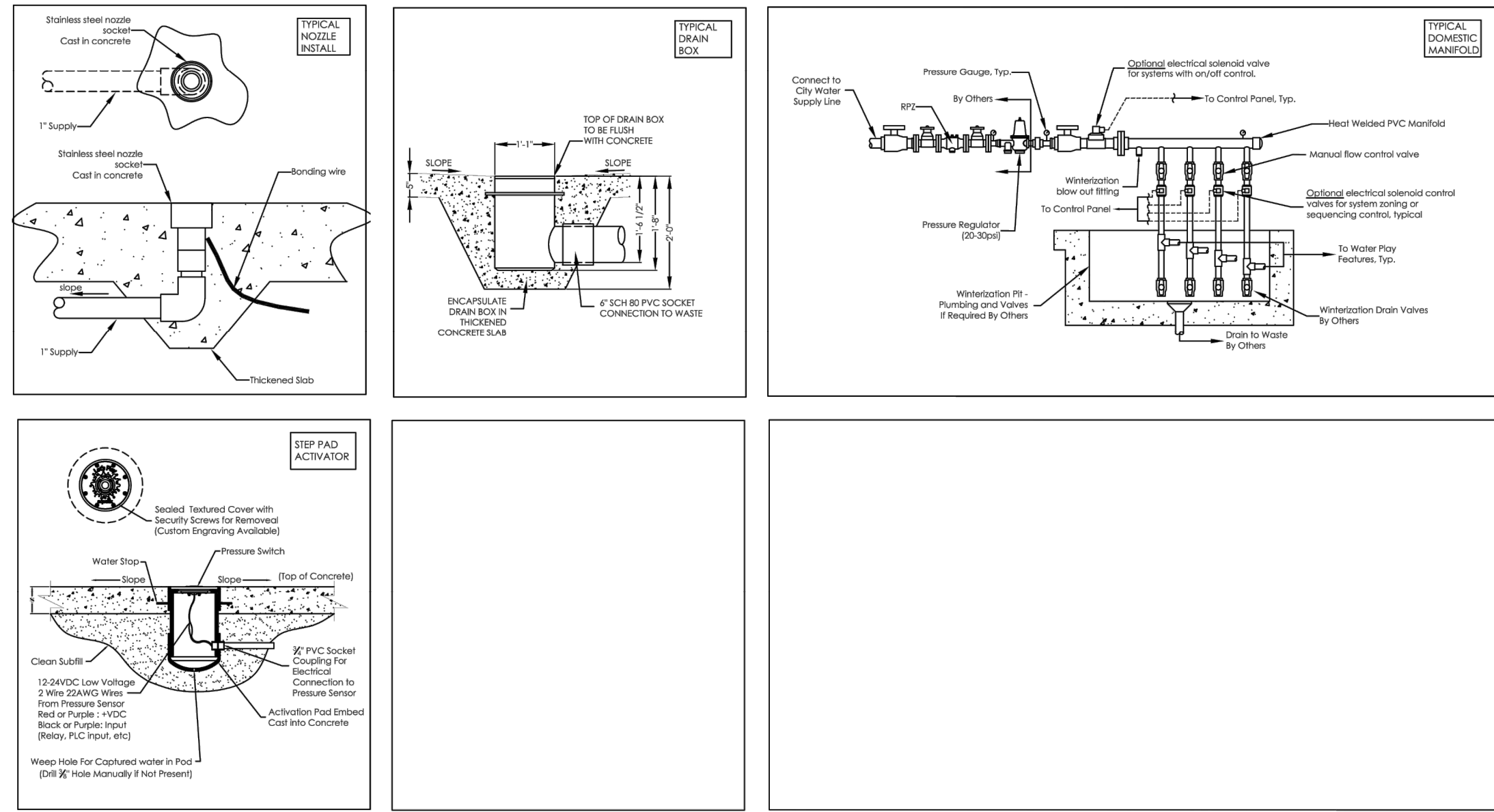


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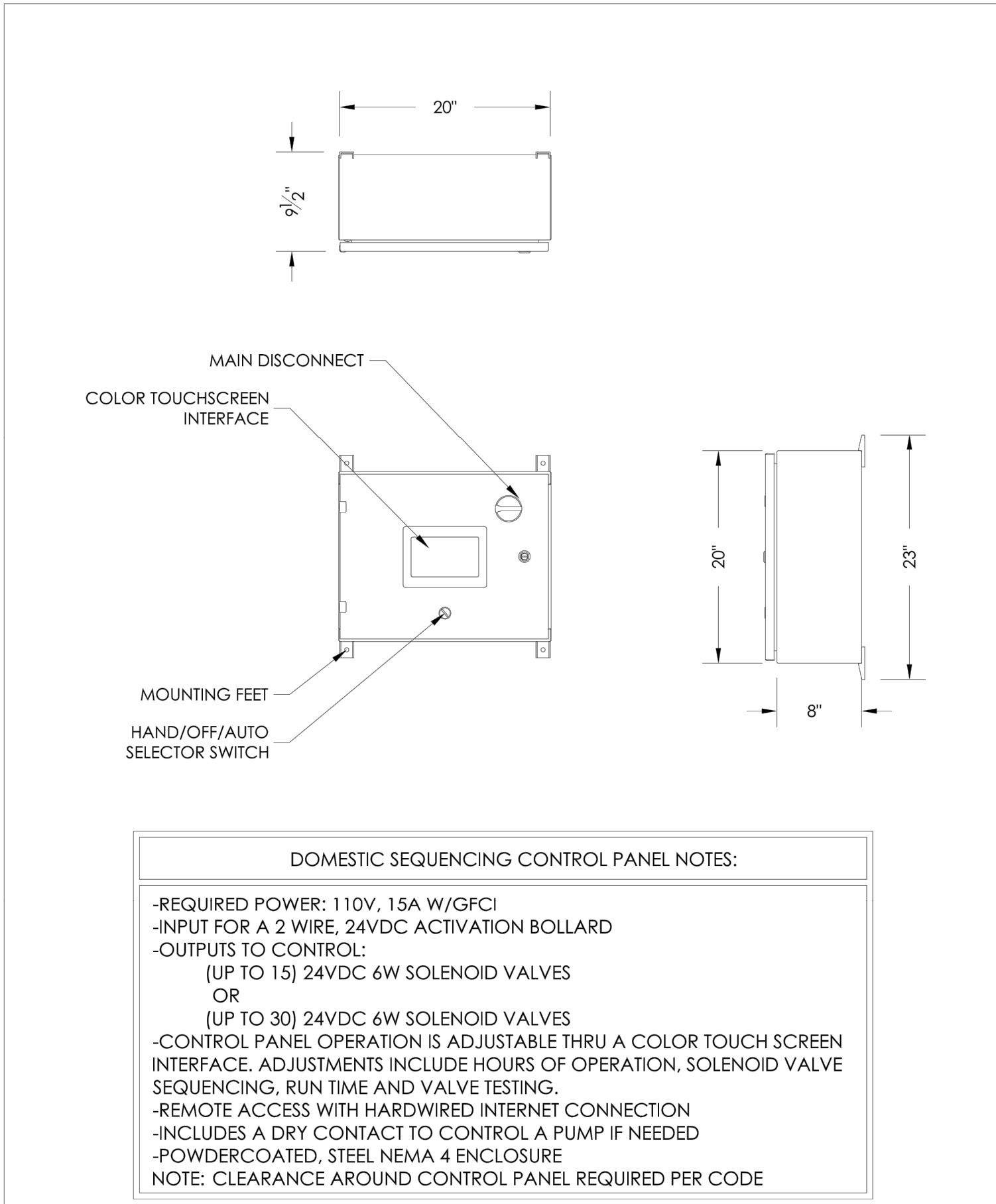
NOTE:

- ALL CONCRETE SLOPES TO BE 1/8"/FT MIN. AND 1/4"/FT MAX.
- SEE ELEVATIONS OF SPLASH PAD AND CONCRETE APRON TO BE VERIFIED BY OTHERS. AQUATIX ELEVATION REFERENCE IS 0' TO TOP OF DRAIN BOX. ALL OTHER NOTED ELEVATIONS ARE REFERENCED FROM THIS POINT. REFER TO SPEC SHEET AND INSTALLATION DRAWING FOR EACH PRODUCT.
- ACTUAL SIZE, SHAPE, AND LOCATION OF SPLASH PAD TO BE FIELD DETERMINED BY OTHERS. ALL DIMENSIONS OF SIZE AND SHAPE OF SPLASH PAD FOR REFERENCE ONLY. THE INTENT OF A SPLASH PAD IS TO BE A DRY DECK WITH NO STANDING WATER. THE WATER IS TO BE CONTAINED WITHIN THE PERIMETER OF THE SPLASH PAD AND ALL WATER IS TO DRAIN INTO THE DRAIN BOXES. THE CONCRETE IS TO BE FORMED AND SLOPED TO ACCOMMODATE THIS DRAIN PATTERN.
- ALL TREATED SPLASH PAD WATER IS INTENDED TO REMAIN WITHIN DESIGNATED SPLASH PAD DECK. UNDER NO CIRCUMSTANCES SHOULD SLOPE OF SPLASH PAD ALLOW WATER TO DRAIN OFF PAD.
- UNDER NO CIRCUMSTANCES SHALL THE SURROUNDING HARDSCAPE AREA BE SLOPED TO ALLOW WATER TO BE DRAINED INTO THE SPLASH PAD DECK.
- ALL CONCRETE SURFACES TO HAVE A MEDIUM BROOM FINISH.
- EXPANSION JOINT TO BE EVERY 20'-0". SAW CUT JOINT TO BE EVERY 20'-0". COORDINATE EXPANSION JOINT AND SAW CUT LOCATIONS WITH PLAY EQUIPMENT LOCATIONS. DRAWINGS ARE FOR DESIGN LAYOUT PURPOSES ONLY. PLEASE SEE AQUATIX BY LANDSCAPE STRUCTURES FOR INCLUDED STRUCTURES, EQUIPMENT, SERVICES, AND EXCLUSIONS.
- INDICATES SPLASH ZONE.
- SPLASH ZONES ARE APPROXIMATE. ACTUAL SPLASH ZONE MAY VARY BASED ON VARIOUS ENVIRONMENTAL CONDITIONS, FLOW RATES, SLOPE OF THE SPLASH PAD, SUBMERGENCE DEPTH AND WIND.
- DRAWINGS ARE SCHEMATIC ONLY.
- 18" OF GRANULAR FILL RECOMMENDED. OR AS SOIL CONDITIONS AND/OR LOCAL CODE REQUIRES WITH A MINIMUM OF 2000 PSF SOIL BEARING CAPACITY.
- THERE IS TO BE A MINIMUM OF 6" OF GRANULAR FILL AROUND ALL PIPING.
- CONCRETE REINFORCEMENT TO BE #4 REBAR @ 12" O.C. EACH WAY OR EQUIVALENT WELDED WIRE MESH (W6 ON 4"x4" SPACING OR W10 ON 6"x6" SPACING).
- CONCRETE TO BE THICKENED AT ALL PRODUCT INSTALLATION LOCATIONS (BOTH BEHIND AND ABOVE GROUND STRUCTURES). REFER TO INSTALLATION DRAWINGS FOR EACH PRODUCT.
- ALL PIPING RECOMMENDED TO BE SCHEDULE 80 PVC. (SCH 40 ACCEPTABLE).
- LEVEL MOUNTING AREA REQUIRED FOR ALL PRODUCTS. RECOMMENDED POOL WATER DEPTHS:
 - DO NOT EXCEED 6" WATER DEPTH ON GROUND SPRAYS AND STRUCTURES UP TO 24" TALL.
 - DO NOT EXCEED 12" WATER DEPTH ON STRUCTURES UP TO 48" TALL.
 - DO NOT EXCEED 12" WATER DEPTH ON MULTI LEVEL PLATFORMS. NO WATER SPRAY OR CRAWL TUNNEL TO BE UNDERWATER.
 - THICKENED AND LEVEL SLAB REQUIRED UNDER ENTIRE MULTI LEVEL STRUCTURES.
 - LINE SIZES ASSUME MECHANICAL SYSTEM TO BE WITHIN 100' OF SPLASH PAD.
- SITE LAYOUT ASSUMES NO STRONG PREVAILING WINDS FROM ANY SPECIFIC DIRECTION. PLEASE ADVISE AQUATIX AS SOON AS POSSIBLE IF WIND CONDITIONS MAY EFFECT PRODUCT SPRAY ZONES.

NOT FOR CONSTRUCTION

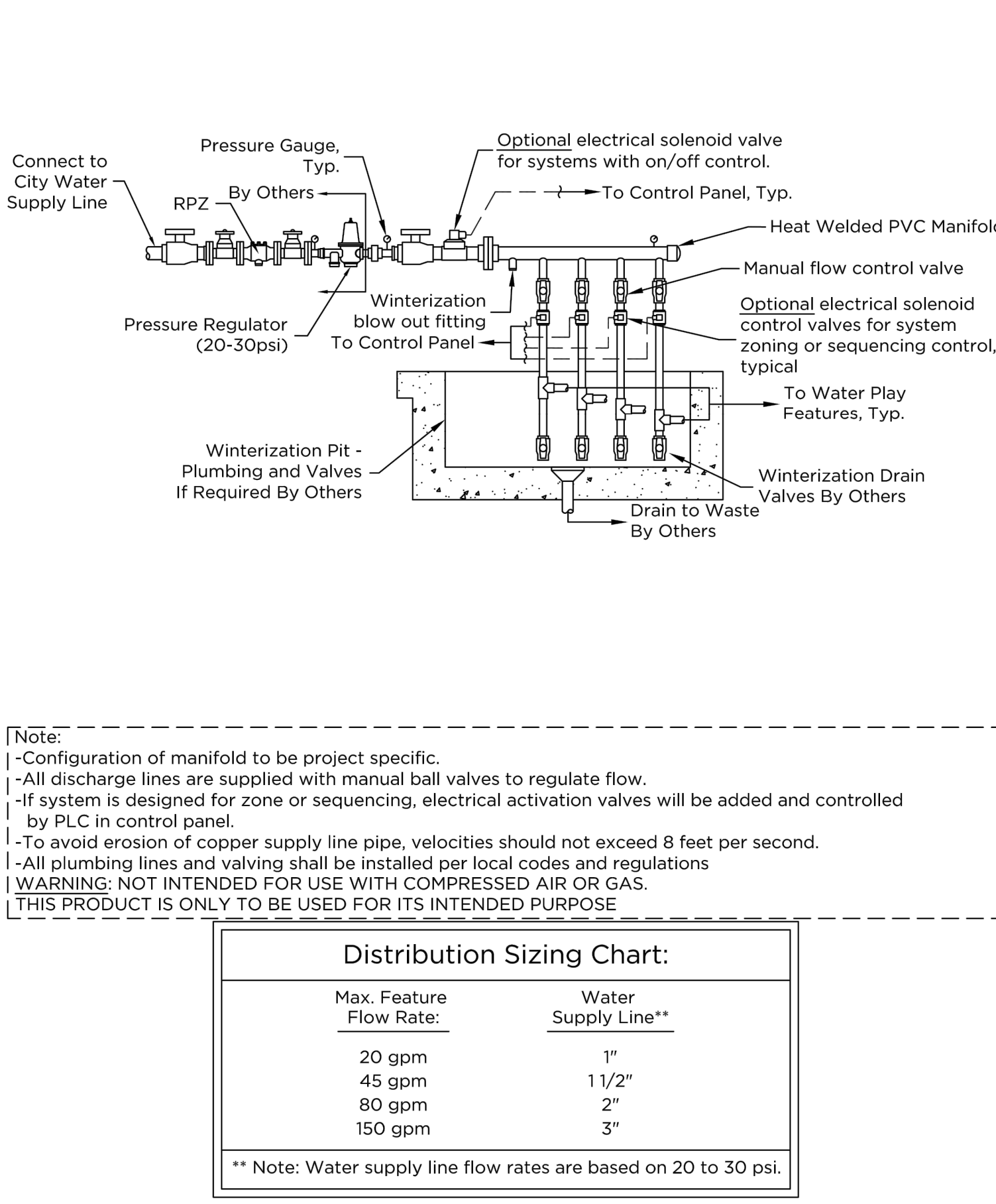


NOTE:
CONTRACTOR SHALL CONTACT SPLASH PAD SUPPLIER FOR FINAL STAMPED SHOP DRAWINGS



DOMESTIC SEQUENCING CONTROL PANEL NOTES:

- REQUIRED POWER: 110V, 15A W/GFCI
- INPUT FOR A 2 WIRE, 24VDC ACTIVATION BOLLARD
- OUTPUTS TO CONTROL:
 - (UP TO 15) 24VDC 6W SOLENOID VALVES
 - OR
 - (UP TO 30) 24VDC 6W SOLENOID VALVES
- CONTROL PANEL OPERATION IS ADJUSTABLE THRU A COLOR TOUCH SCREEN INTERFACE. ADJUSTMENTS INCLUDE HOURS OF OPERATION, SOLENOID VALVE SEQUENCING, RUN TIME AND VALVE TESTING.
- REMOTE ACCESS WITH HARDWIRED INTERNET CONNECTION
- INCLUDES A DRY CONTACT TO CONTROL A PUMP IF NEEDED
- POWDERCOATED, STEEL NEMA 4 ENCLOSURE
- NOTE: CLEARANCE AROUND CONTROL PANEL REQUIRED PER CODE

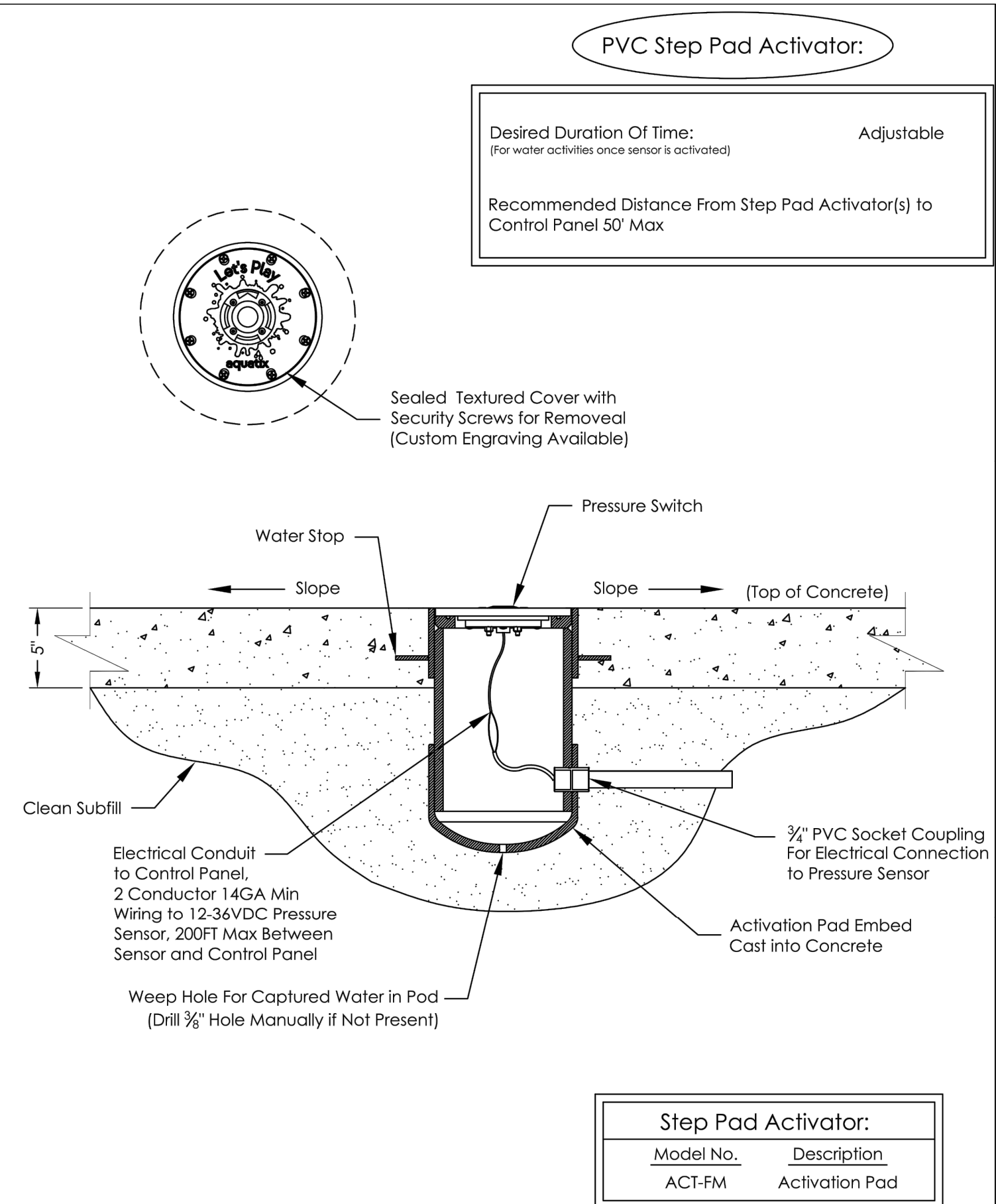


Note:

- Configuration of manifold to be project specific.
- All discharge lines are supplied with manual ball valves to regulate flow.
- If system is designed for zone or sequencing, electrical activation valves will be added and controlled by PLC in control panel.
- To avoid erosion of copper supply line pipe, velocities should not exceed 8 feet per second.
- All plumbing lines and valving shall be installed per local codes and regulations
- WARNING: NOT INTENDED FOR USE WITH COMPRESSED AIR OR GAS.**
- THIS PRODUCT IS ONLY TO BE USED FOR ITS INTENDED PURPOSE**

Distribution Sizing Chart:	
Max. Feature Flow Rate:	Water Supply Line**
20 gpm	1"
45 gpm	1 1/2"
80 gpm	2"
150 gpm	3"

** Note: Water supply line flow rates are based on 20 to 30 psi.



PVC Step Pad Activator:

Desired Duration Of Time: Adjustable
(For water activities once sensor is activated)

Recommended Distance From Step Pad Activator(s) to Control Panel 50' Max

Step Pad Activator:	
Model No.	Description
ACT-FM	Activation Pad

E CHERRY ST
EAST CHERRY STREET



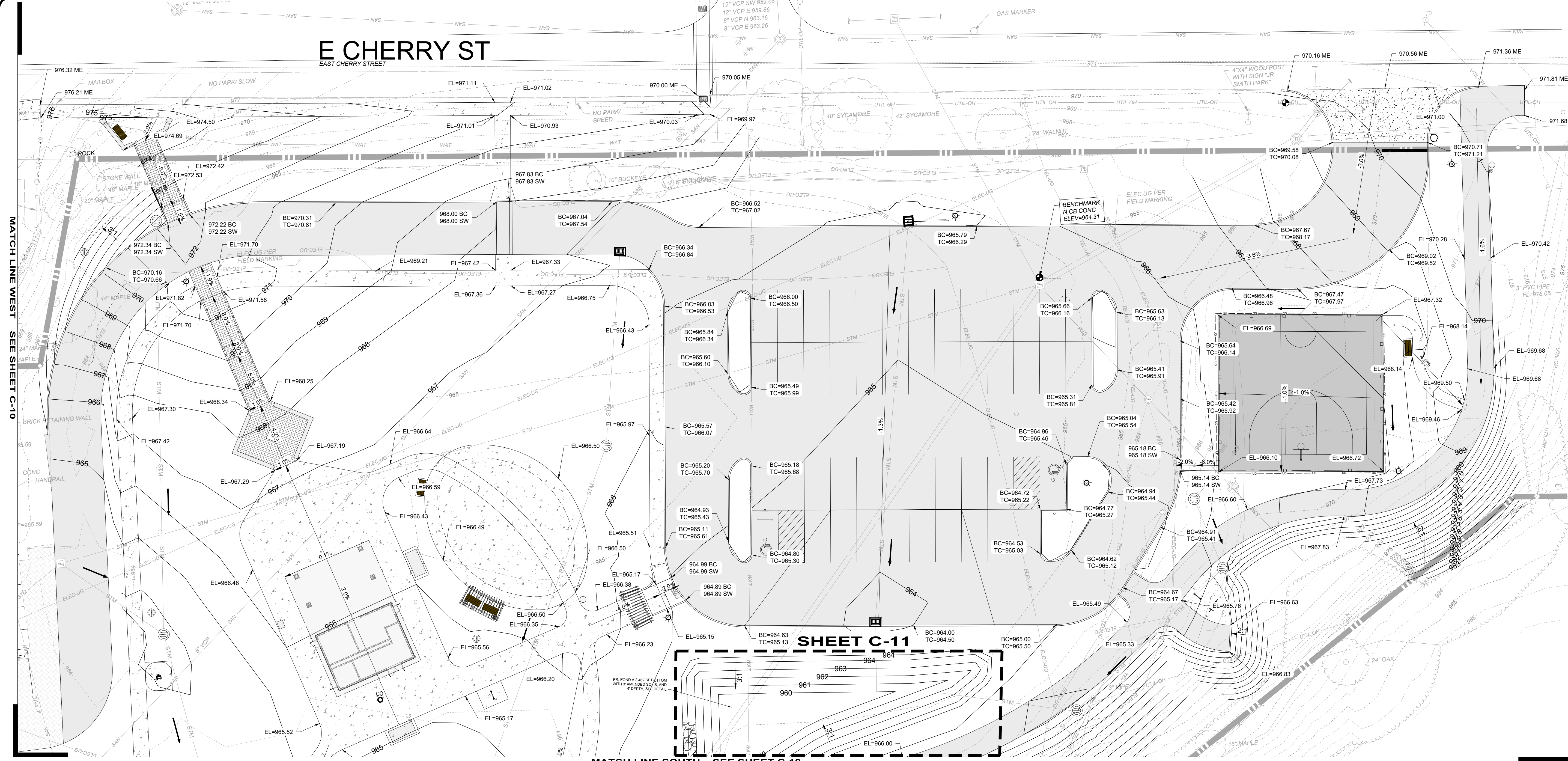
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ISSUE DATE:	11/19/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW, JC			
DRAWN BY:	CZ			
CHECKED BY:	RW, JC			

J.R. SMITH PARK IMPROVEMENTS
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- CITY OF SUNBURY, DELAWARE COUNTY, OH -

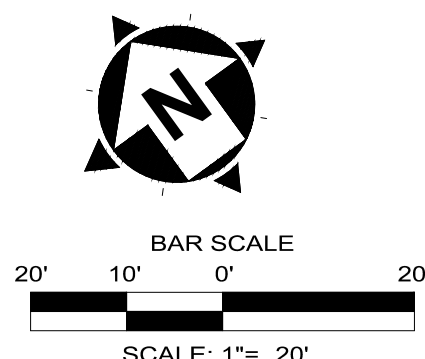
GRADING PLAN NORTHEAST

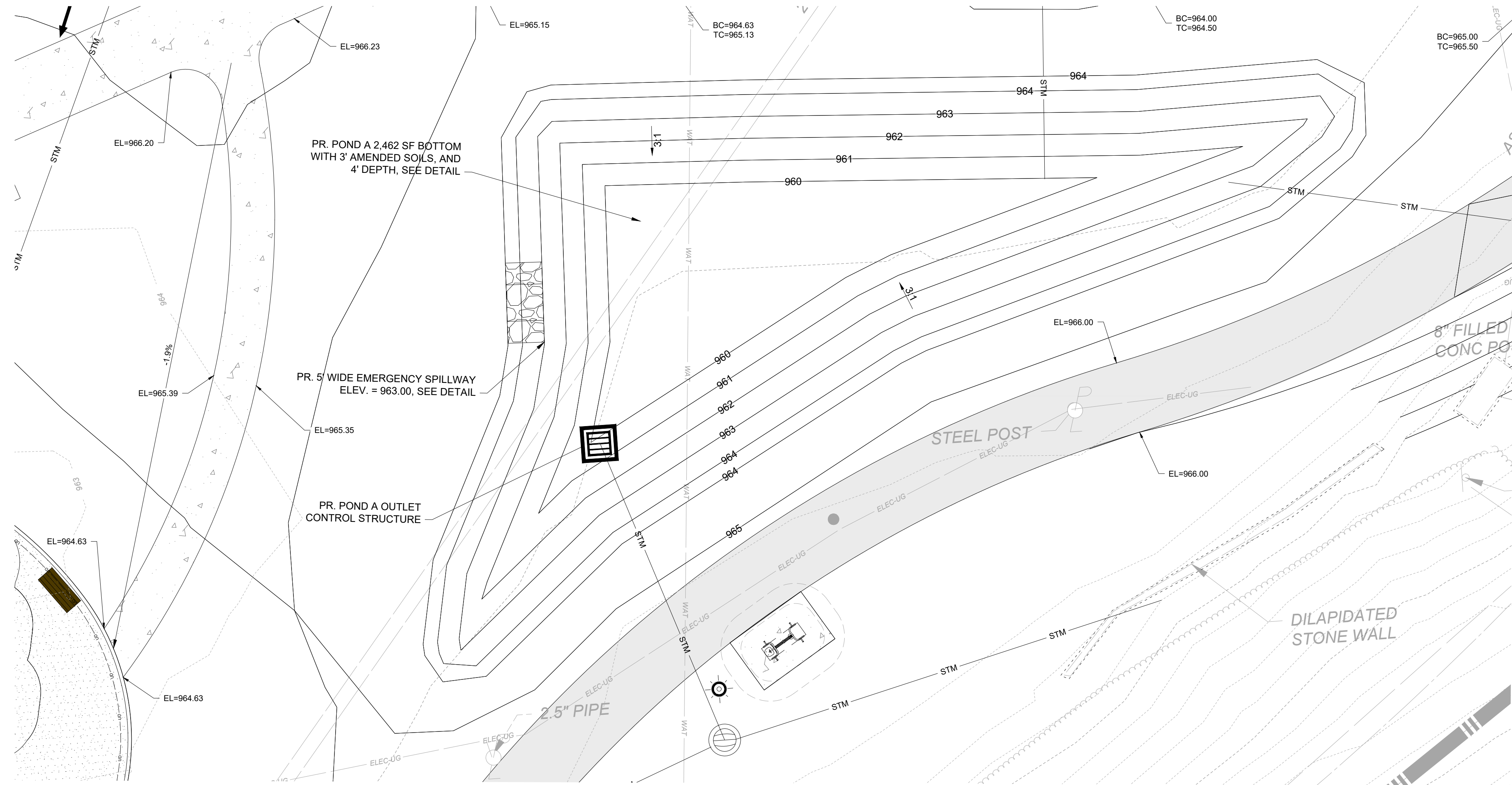
PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	C-9
SHEET	12
OF	28



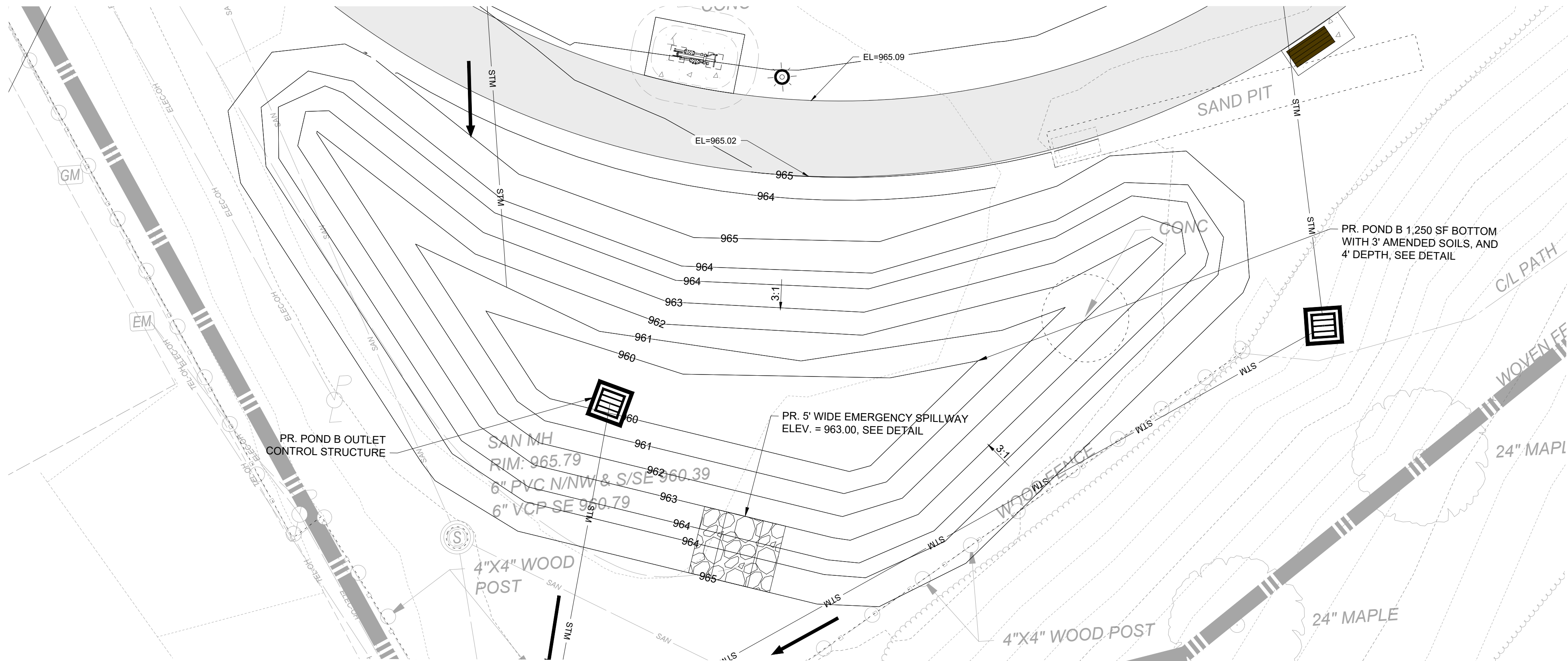
GRADING LEGEND	
TC	TOP OF CURB
BC	BOTTOM OF CURB
ME	MATCH EXISTING
FFE	FINISHED FLOOR ELEVATION
XXX.XX XXX.XX	PROPOSED SPOT GRADE

- GRADING NOTES
- ANY VARIATIONS FROM THE SPOT GRADES SHOWN ON THE DRAWINGS MUST BE APPROVED BY THE ENGINEER.
 - A CONSTANT SLOPE BETWEEN SPOT GRADES IS ASSUMED.
 - ALL SIDEWALKS SHALL SLOPE AWAY FROM THE BUILDING ENTRANCES AND NO WATER SHALL BE TRAPPED/PUDDLE ON SIDEWALKS OR DRIVES. CONTRACTOR IS RESPONSIBLE TO VERIFY PRIOR TO POURING CONCRETE. BUILDING THRESHOLDS MUST BE HELD.
 - PRIOR TO PLACEMENT OF CURBS AND PAVEMENTS, ALL FORM WORK SHALL BE APPROVED BY THE ENGINEER.
 - EXISTING GRADES AT BUILDING LINES SHALL BE MAINTAINED UNLESS NOTED OTHERWISE OR DIRECTED IN THE FIELD BY THE ENGINEER.
 - ALL UTILITY CASTINGS AND VALUE BOXES TO BE ADJUSTED TO PROPOSED GRADE BY THE CONTRACTOR.
 - SEE THE STORM SEWER AND UTILITY PLAN FOR ADDITIONAL GRADES AND INVERT INFORMATION.





POND A GRADING PLAN



POND B GRADING PLAN

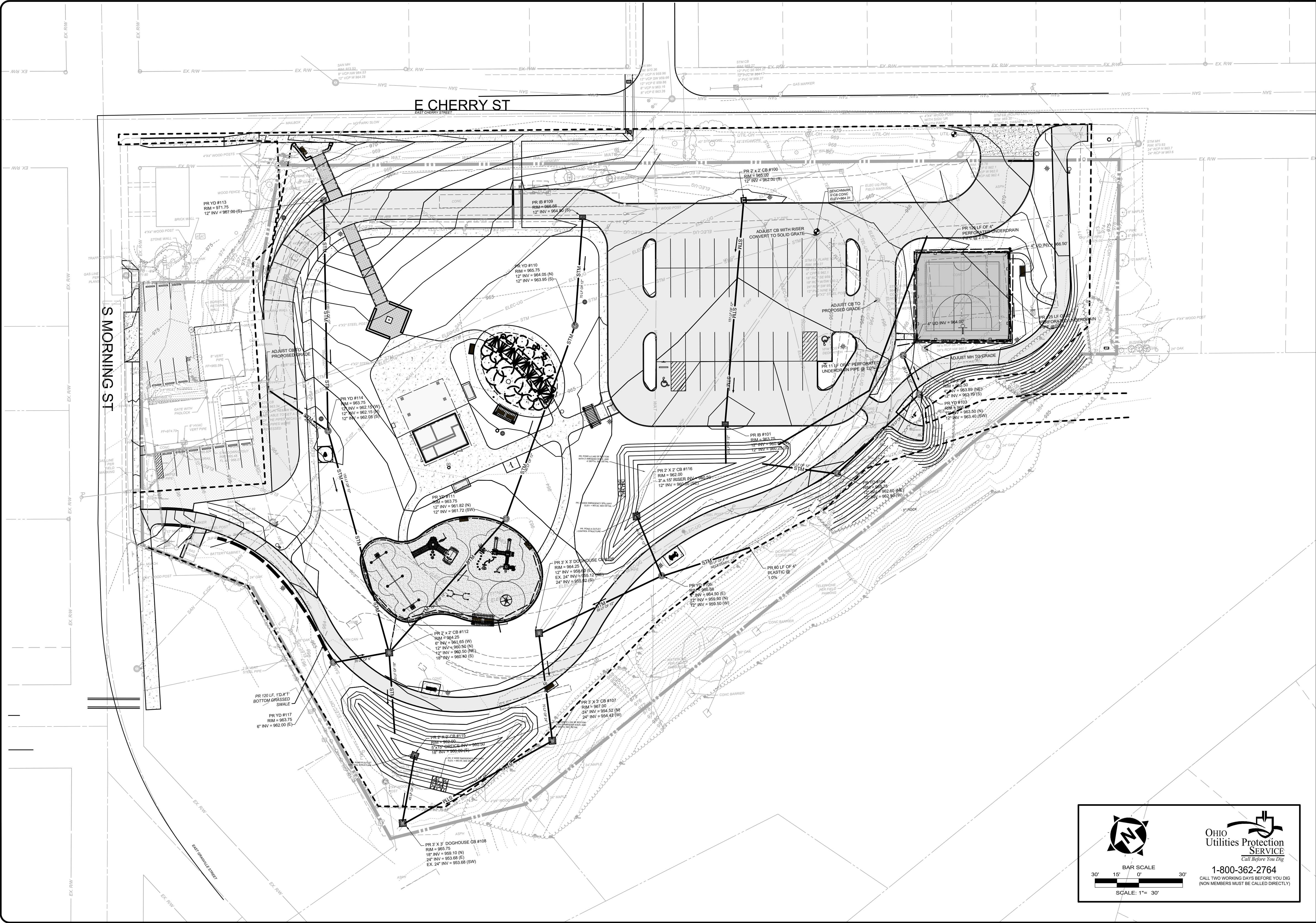


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11/19/25				
SCALE:	AS SHOWN			
DESIGNED BY:	RW, JC			
DRAWN BY:	CZ			
CHECKED BY:	RW, JC			

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POND GRADING PLAN

PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	C-11
SHEET	OF
14	28



BAR SCALE
30' 15' 0' 30'
SCALE: 1"= 30'

OHIO
Utilities Protection
SERVICE
Call Before You Dig
1-800-362-2764
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

STATE OF OHIO
JUSTIN E. CRIFE
E-83608
REGISTERED PROFESSIONAL ENGINEER

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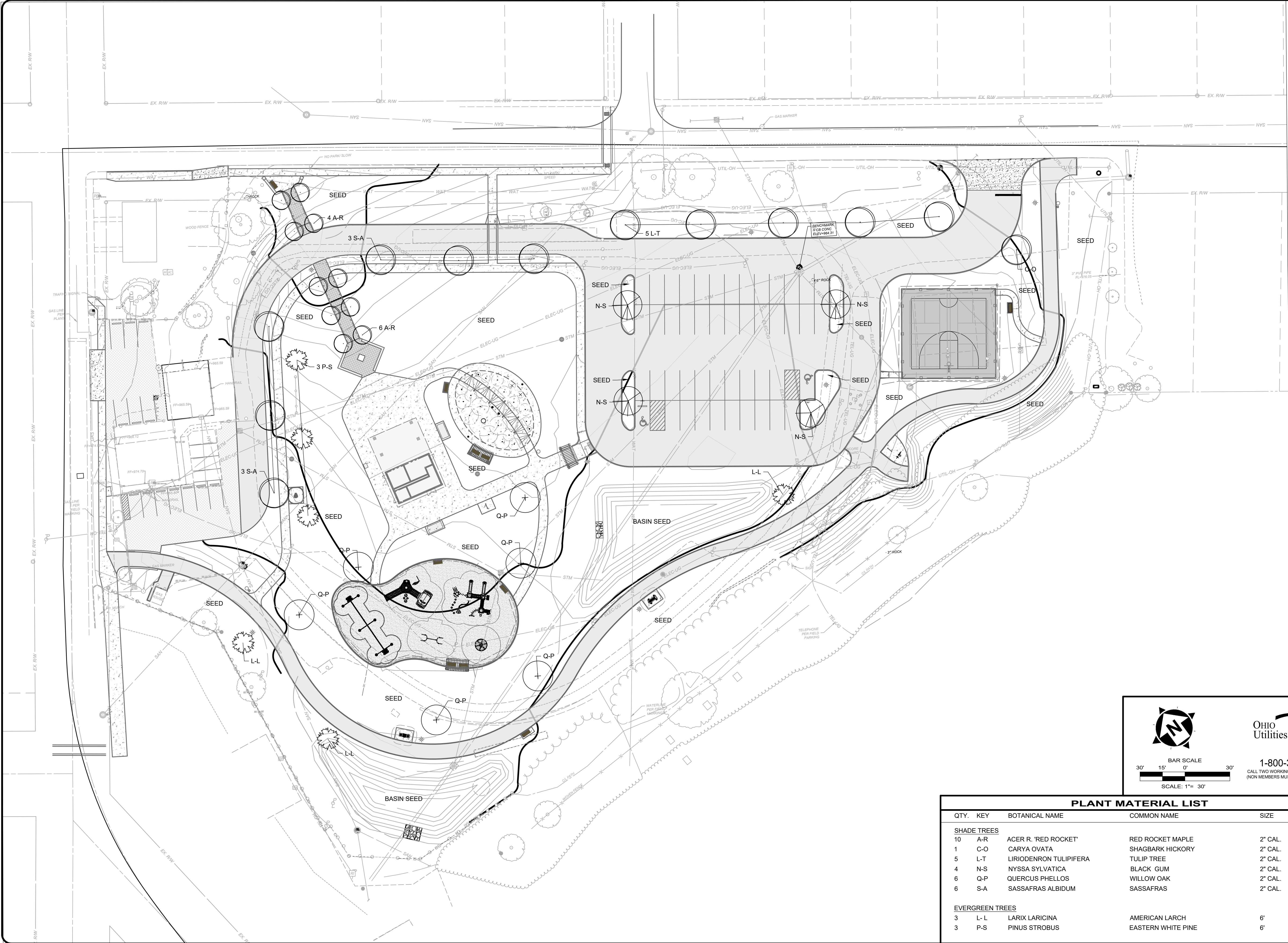
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11/19/25	1	SWPPP REVIEW	10-24-24	

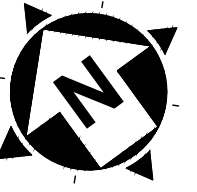
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- CITY OF SUNBURY, DELAWARE COUNTY, OH -

STORM SEWER UTILITY PLAN

PROJECT NO.	DISCIPLINE	SHEET NAME	SHEET	OF
241545	CIVIL	C-13	16	28





BAR SCALE
30' 15' 0' 30'
SCALE: 1"= 30'



1-800-362-2764
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

PLANT MATERIAL LIST				
QTY.	KEY	BOTANICAL NAME	COMMON NAME	NOTES
SHADE TREES				
10	A-R	ACER R. 'RED ROCKET'	RED ROCKET MAPLE	2" CAL. B&B
1	C-O	CARYA OVATA	SHAGBARK HICKORY	2" CAL. B&B
5	L-T	LIRIODENRON TULIPIFERA	TULIP TREE	2" CAL. B&B
4	N-S	NYSSA SYLVATICA	BLACK GUM	2" CAL. B&B
6	Q-P	QUERCUS PHELLOS	WILLOW OAK	2" CAL. B&B
6	S-A	SASSAFRAS ALBIDUM	SASSAFRAS	2" CAL. B&B
EVERGREEN TREES				
3	L-L	LARIX LARICINA	AMERICAN LARCH	6' B&B
3	P-S	PINUS STROBUS	EASTERN WHITE PINE	6' B&B



Richard Washington, License #794
Expiration Date 12/31/2026



ISSUED FOR:	BID #	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
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NO	REVISION	DATE				

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- CITY OF SUNBURY, DELAWARE COUNTY, OH -

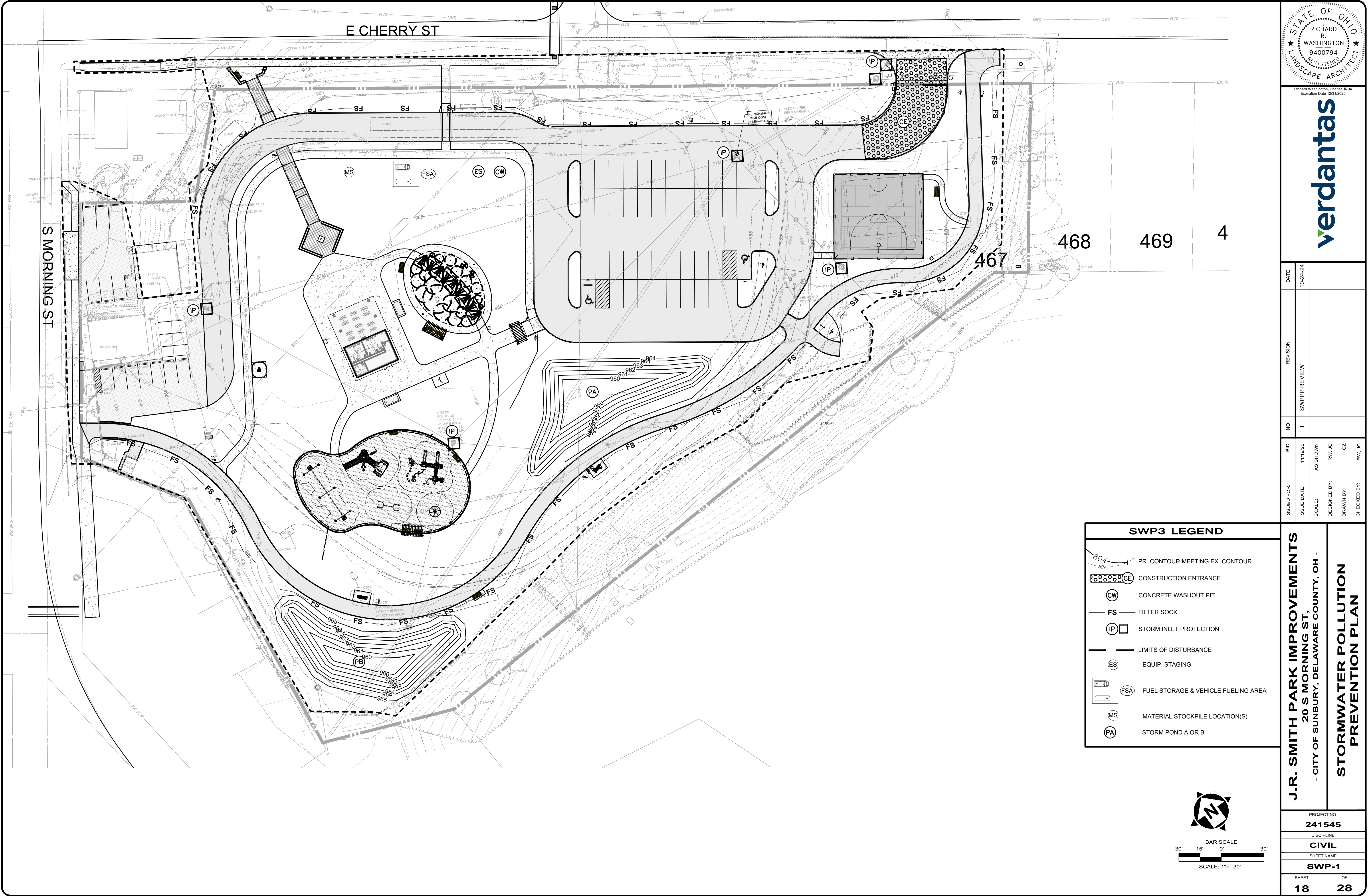
LANDSCAPE PLAN

PROJECT NO.
241545

DISCIPLINE
CIVIL

SHEET NAME
L-1

SHEET **17** OF **28**



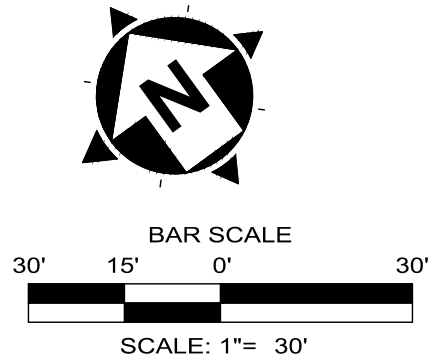
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11/19/25	1	SWPPP REVIEW	10-24-24	
AS SHOWN				
RW, JC				
CZ				
RW, JC				

SWP3 LEGEND	
	PR. CONTOUR MEETING EX. CONTOUR
	CONSTRUCTION ENTRANCE
	CONCRETE WASHOUT PIT
	FILTER SOCK
	STORM INLET PROTECTION
	LIMITS OF DISTURBANCE
	EQUIP. STAGING
	FUEL STORAGE & VEHICLE FUELING AREA
	MATERIAL STOCKPILE LOCATION(S)
	STORM POND A OR B

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -
STORMWATER POLLUTION
PREVENTION PLAN

PROJECT NO.	
241545	
DISCIPLINE	
CIVIL	
SHEET NAME	
SWP-1	
SHEET	OF
18	28



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 AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.
- THE SEEDBED 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.
- SEEDING SHOULD BE APPLIED FROM MARCH 1 TO MAY 31 OR AUGUST 1 TO SEPTEMBER 30. IF SEEDING OCCURS OUTSIDE OF THESE DATES, ADDITIONAL MULCH AND IRRIGATION MAY BE REQUIRED TO ENSURE A MINIMUM OF 80% GERMINATION. 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 FROM OCTOBER 1 TO NOVEMBER 20 BECAUSE SEEDS MAY GERMINATE, BUT WILL NOT SURVIVE THE WINTER. USE THE FOLLOWING METHODS FOR DORMANT SEEDING:
 - FROM OCTOBER 1 TO NOVEMBER 20, INCREASE THE SEEDING RATE BY 50%, PREPARE THE SEED BED, ADD LIME AND FERTILIZER, MULCH AND ANCHOR.
 - FROM NOVEMBER 20 TO MARCH 15, ONLY IF SOIL CONDITIONS PERMIT, INCREASE THE SEEDING RATE BY 50%. PREPARE THE SEED BED, ADD LIME AND FERTILIZER, APPLY THE SEED MIXTURE, MULCH AND ANCHOR.
- APPLY MULCH MATERIAL IMMEDIATELY AFTER SEEDING.
- PERMANENT SEEDING SHALL INCLUDE IRRIGATION TO ESTABLISH VEGETATION DURING DRY OR HOT WEATHER OR ON ADVERSE SITE CONDITIONS AS NEEDED. AVOID EXCESSIVE IRRIGATION AND MONITOR TO PREVENT EROSION AND DAMAGE FROM RUNOFF.
- PERMANENT SEEDING SHALL NOT BE CONSIDERED ESTABLISHED FOR AT LEAST 1 FULL YEAR FROM THE TIME OF PLANTING. DURING THIS PERIOD, INSPECT FOR SOIL EROSION OR PLANT LOSS AND REPAIR BARE OR SPARSE AREAS, FILL GULLIES, RE-FERTILIZE, RE-SEED OR RE-MULCH AS NEEDED.
- ADEQUATE PERMANENT VEGETATION SHALL BE GROUND COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE BASED ON VISUAL INSPECTION, AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITIONS.
- REFER TO SPECIFICATIONS AND RESTORATION PLAN FOR PERMANENT SEED MIXES.

PERMANENT SEEDING DETAIL

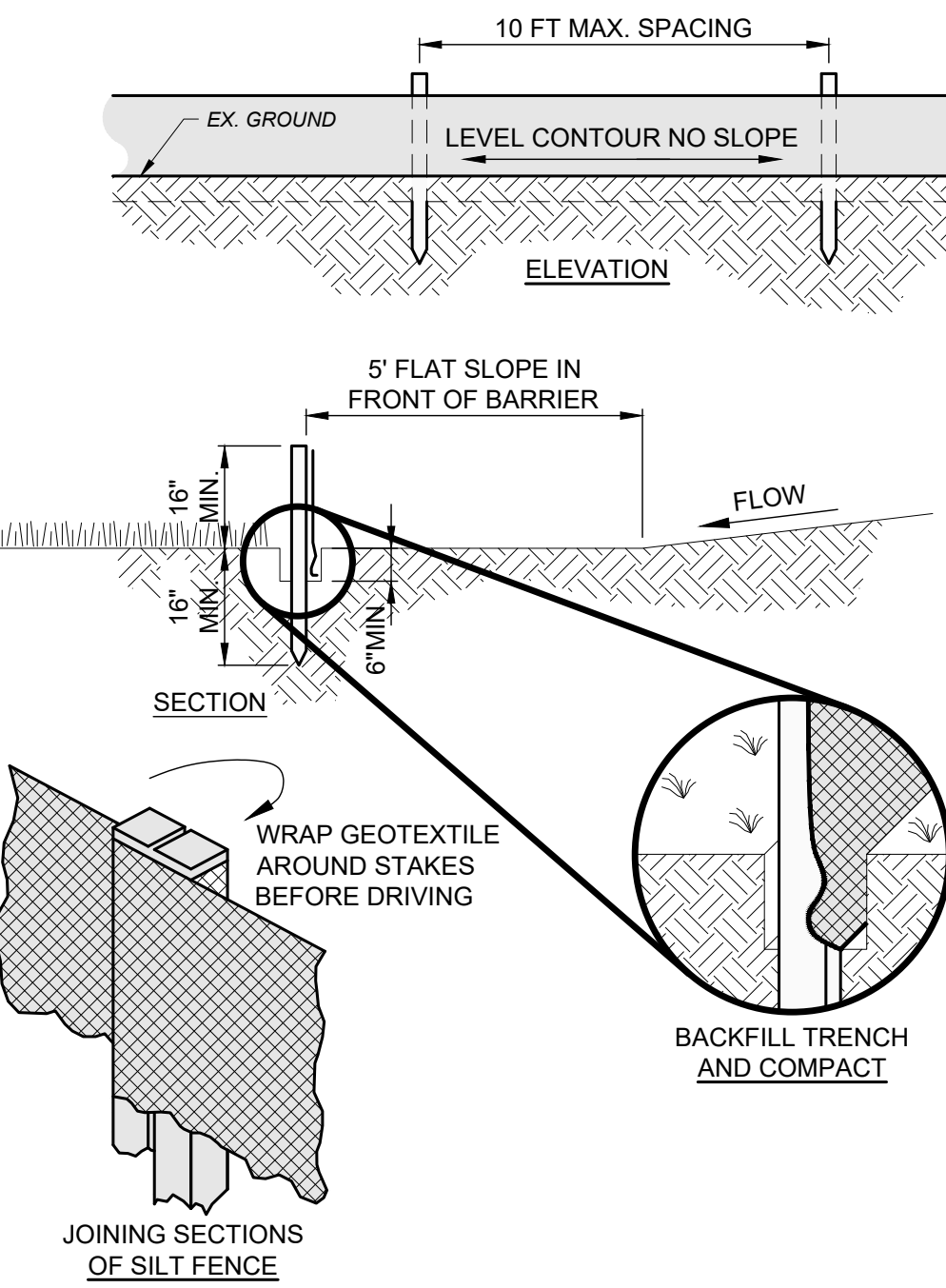
SCALE: NONE

- THE SEED BED SHALL BE PULVERIZED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION.
- SOIL AMENDMENTS MAY BE REQUIRED TO ESTABLISH VEGETATION. PERFORM SOIL TESTS TO PREDICT THE NEED FOR LIME OR FERTILIZER. 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
- APPLY SEED UNIFORMLY. COVER BROADCASTED SEED BY RAKING OR DRAGGING, AND LIGHTLY TAMPING INTO PLACE.
- MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING.
- INSPECT FOR SOIL EROSION OR VEGETATION LOSS AND REPAIR BARE OR SPARSE AREAS, FILL GULLIES, RE-FERTILIZE, RE-SEED AND RE-MULCH AS NEEDED.

TEMPORARY SEEDING SPECIES SELECTION

DATES	SPECIES	LB/1,000 SF	LB/AC.
MARCH 1 - AUGUST 15	OATS	3	128
	TALL FESCUE	1	40
	PERENNIAL RYEGRASS	1	40
	PERENNIAL RYEGRASS TALL FESCUE	2	40
AUGUST 16 - OCTOBER 31	RYE	3	112
	TALL FESCUE	1	40
	PERENNIAL RYEGRASS	1	40
	WHEAT	3	120
	TALL FESCUE	1	40
	PERENNIAL RYEGRASS	1	40
	PERENNIAL RYEGRASS TALL FESCUE	2	40
	TALL FESCUE	1	40
NOVEMBER 1 - FEBRUARY 28	ONLY MULCH OR DORMANT SEEDING.		

TEMPORARY SEEDING NOTES



FABRIC PROPERTIES	VALUES	TEST METHOD
GRAB TENSILE STRENGTH	90 LB. MIN	ASTM D-1682
MULLEN BURST STRENGTH	190 PSI MIN	ASTM D-3786
SLURRY FLOW RATE	0.3 GAL./MIN./S.F. MAX.	
EQUIVALENT OPENING SIZE	40-80	US STD. SIEVE CW-02215
ULTRAVIOLET RADIATION STABILITY	90% MIN	ASTM-G-26

NOTES:

- PRESERVE VEGETATION FOR 5 FEET OR AS MUCH AS POSSIBLE UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE RE-ESTABLISHED WITHIN 7 DAYS FROM SILT FENCE INSTALLATION.
- THE MAXIMUM DRAINAGE AREA PER 100 FEET OF SILT FENCE IS DEPENDENT ON THE SLOPE, BUT NO MORE THAN 1/2 ACRE. SILT FENCE CANNOT BE USED FOR DRAINAGE AREAS WITH SLOPES GREATER THAN 50%.
- SILT FENCE MAY ONLY PASS RUNOFF AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, THEN CHANGE THE LAYOUT OF THE SILT FENCE. REMOVE ACCUMULATED SEDIMENT OR INSTALL OTHER PRACTICES.
- SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, VERIFICATION FABRIC IS SECURELY ATTACHED TO FENCE POSTS, AND VERIFICATION FENCE POSTS ARE FIRMLY IN THE GROUND. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED 1/3 THE FENCE HEIGHT.

SILT FENCE

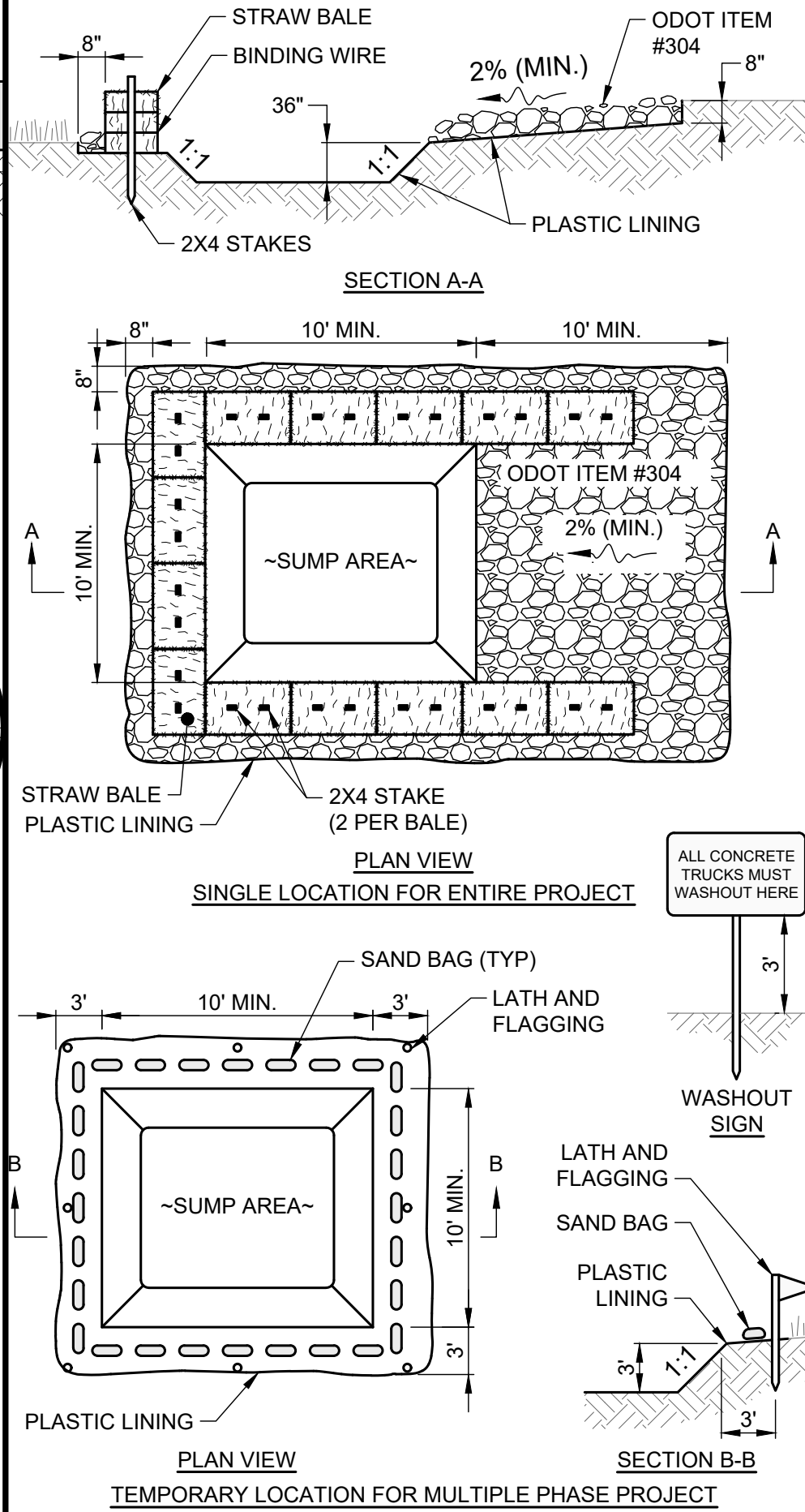
SCALE: NONE

NOTES:

- MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
 - UNROTTED SMALL GRAIN STRAW SPREAD UNIFORMLY AT 2 TONS/AC. (2 TO 3 BALES).
 - WOOD-CELLULOSE FIBER (I.E. HYDROSEEDING) APPLIED AT 1 TON/AC.
 - ROLLED EROSION CONTROL PRODUCT OR MULCH MATTING APPLIED PER MANUFACTURER RECOMMENDATION.
 - WOOD MULCH OR CHIPS APPLIED AT 6 TONS/AC.
- MULCH SHALL BE ANCHORED IMMEDIATELY BY ONE OF THE FOLLOWING METHODS:
 - PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL USING A DISK, CRIMPER OR SIMILAR TOOL. DO NOT FINELY CHOP STRAW TO BE MECHANICALLY ANCHORED, BUT LEAVE LONGER THAN 6".
 - USE NETTING PER MANUFACTURER RECOMMENDATION IN AREAS OF CONCENTRATED RUNOFF OR ON CRITICAL SLOPES.
 - SYNTHETIC BINDERS AT MANUFACTURER RATE.
 - WOOD-CELLULOSE FIBER BINDER AT A NET DRY WEIGHT OF 750 LB/AC. MIXED WITH WATER, AND CONTAIN 50 LB/100 GAL. MAX. OF WOOD CELLULOSE FIBER.

MULCHING DETAIL

SCALE: NONE

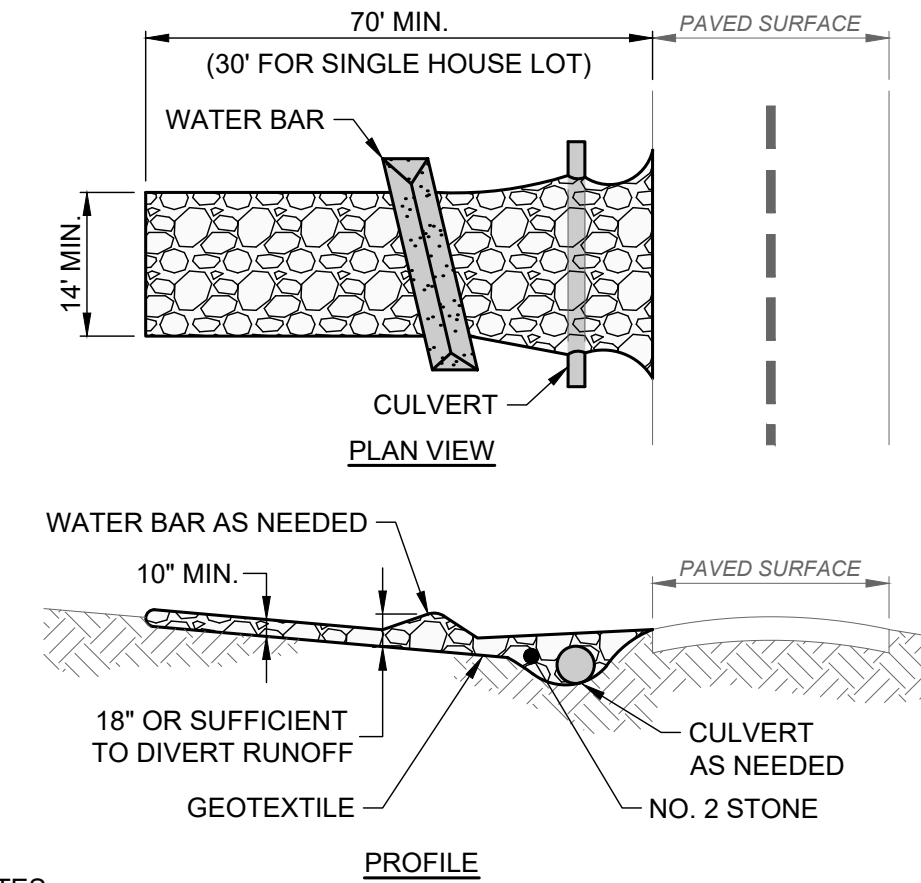
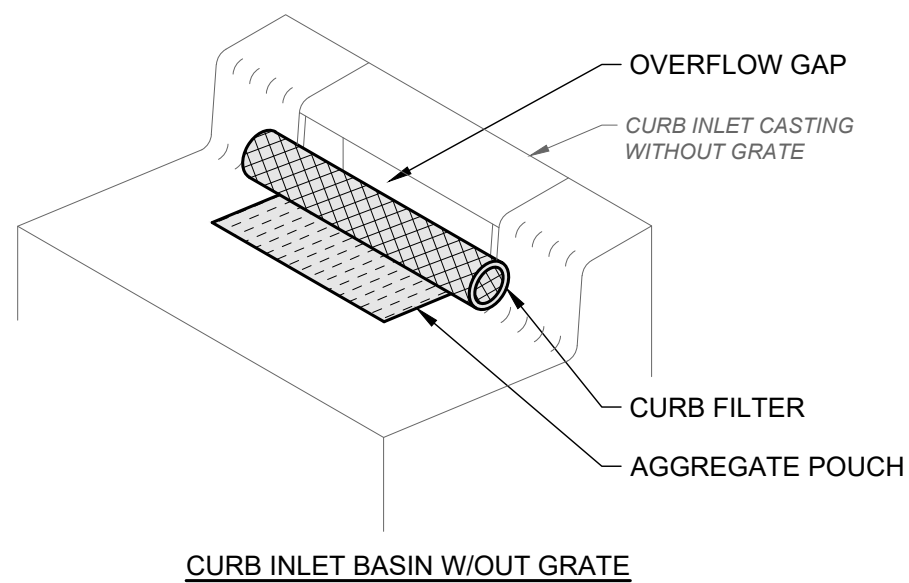


NOTES:

- CONCRETE WASHOUT AREA SHALL BE LOCATED A MINIMUM OF 100' FROM STORM SEWER INLETS, STREAMS, WETLANDS OR ANY OTHER SURFACE WATERS.
- IF CONCRETE WASHOUT AREA IS LOCATED AWAY FROM A PAVED SURFACE, CONSTRUCT A GRAVEL ACCESS ROUTE EQUAL IN COMPOSITION TO A CONSTRUCTION ENTRANCE.
- CONCRETE WASHOUT AREA SHALL BE SUFFICIENT SIZE TO CONTAIN CONCRETE WASTE GENERATED. LARGE SITES MAY REQUIRE MULTIPLE CONCRETE WASHOUT AREAS.
- PLASTIC LINING SHALL BE DOUBLE-LINED, CONTINUOUS 10-ML. POLYETHYLENE SHEETING FREE OF HOLES, TEARS OR OTHER DEFECTS INSTALLED ON A SMOOTH, LEVEL SURFACE, FREE OF LARGE ROCKS AND DEBRIS.
- CONCRETE WASHOUT SIGNAGE SHALL BE CLEARLY VISIBLE AND LOCATED WITHIN 30 FEET OF EACH WASHOUT AREA.
- CONCRETE WASHOUT AREA SHALL BE COVERED DURING INCLEMENT WEATHER TO PREVENT OVERFLOWS.
- PREFABRICATED, PORTABLE AND RE-USABLE CONCRETE WASHOUT CONTAINERS ARE ACCEPTABLE IF SPECIFICALLY DESIGNED FOR CONCRETE WASHOUT USE.
- CONCRETE WASHOUT AREA SHALL BE INSPECTED DAILY TO CHECK FOR DAMAGE AND DETERMINE IF IT NEEDS CLEANED OR REPLACED. ANY DAMAGE TO THE SIDEWALLS OR PLASTIC LINING SHALL BE REPAIRED IMMEDIATELY. REPLACE THE ENTIRE CONCRETE WASHOUT AREA WHEN IT IS 75% FULL.

CONCRETE WASHOUT AREA DETAIL

SCALE: NONE



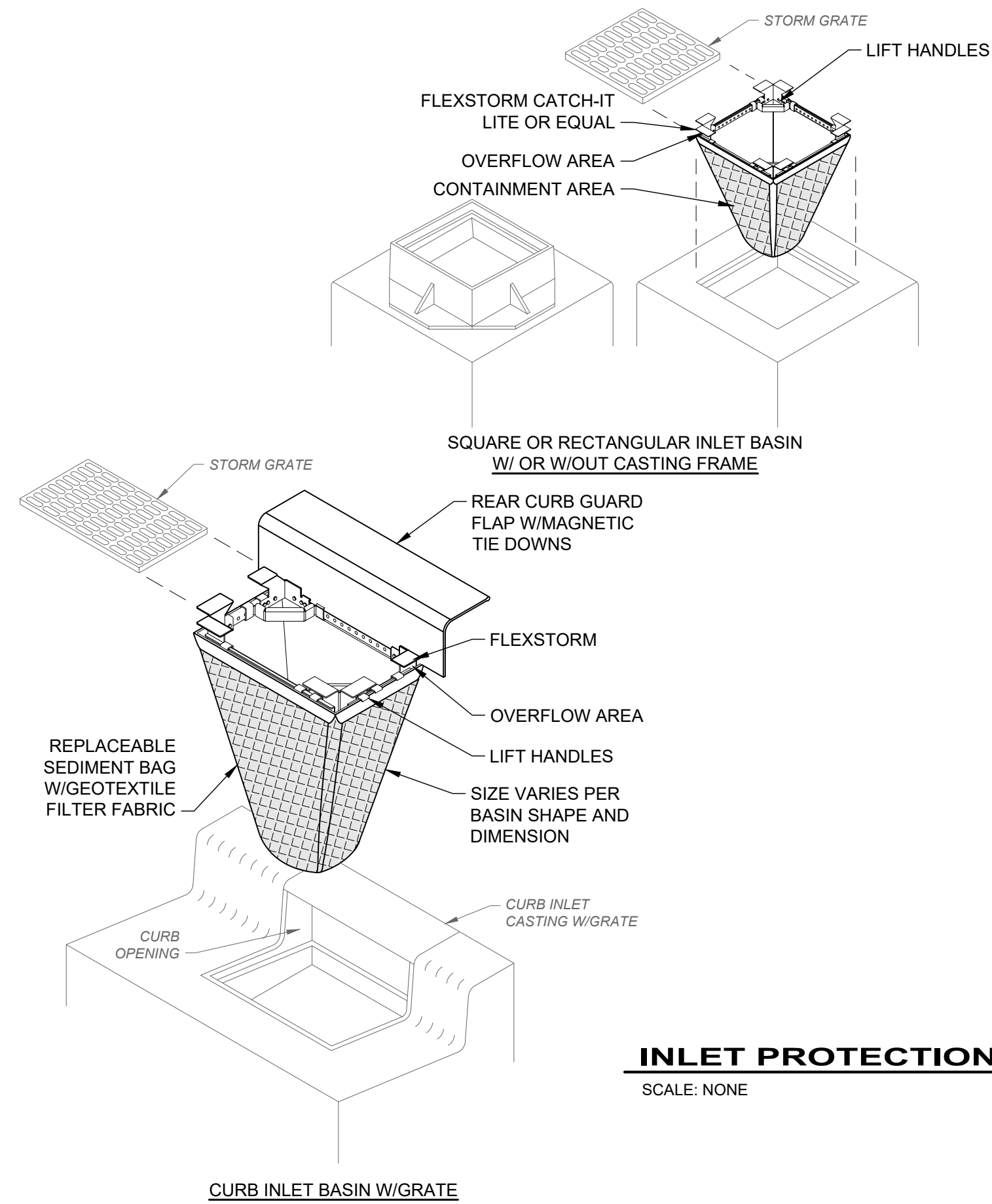
NOTES:

- 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.

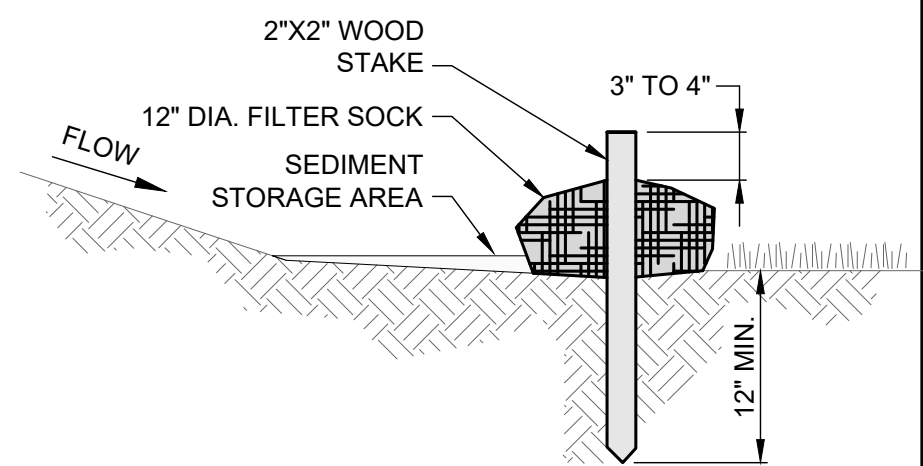
CONSTRUCTION ENTRANCE

SCALE: NONE



INLET PROTECTION DETAIL

SCALE: NONE

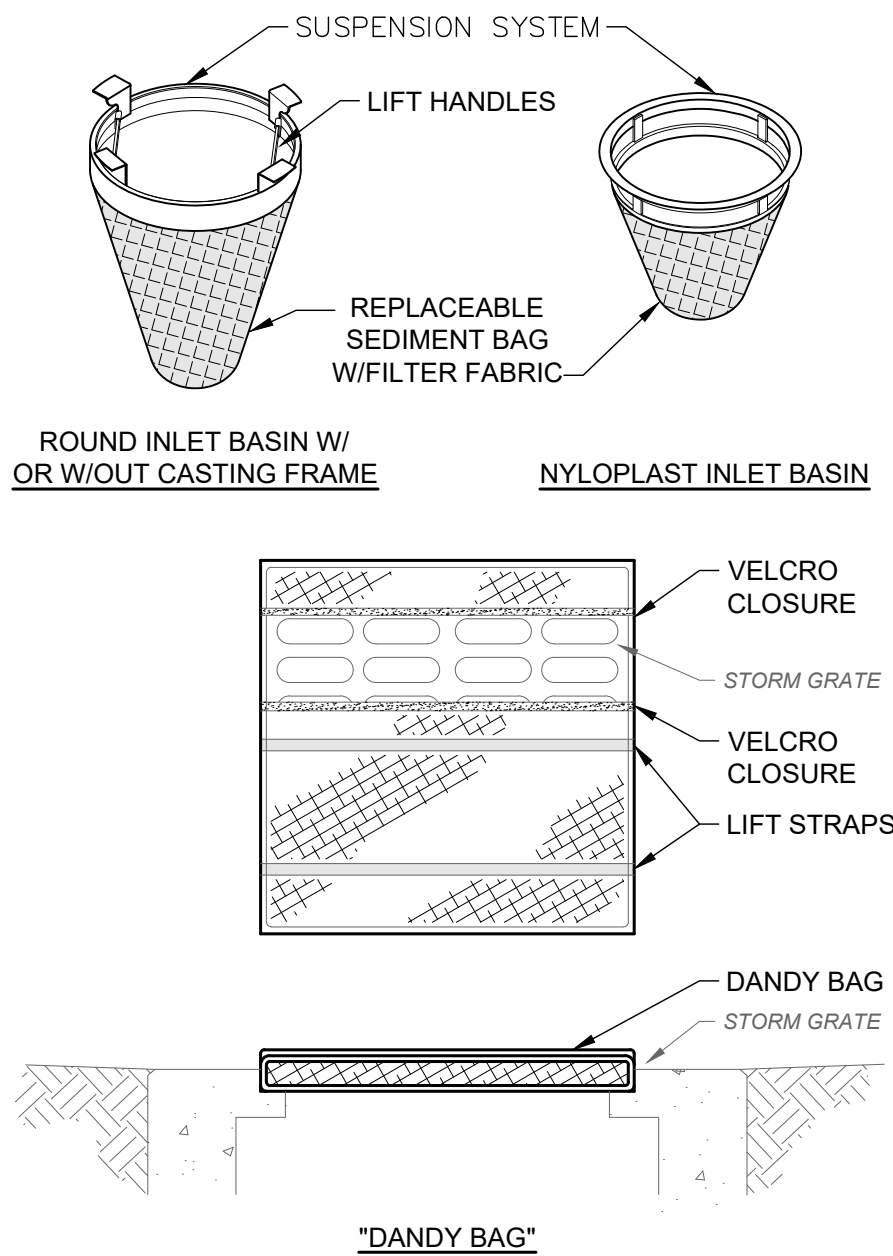


NOTES:

- FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HDPE 3/8" KNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST.
- COMPOST SHALL BE WEED, PATHOGEN AND INSECT FREE, FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH, BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER, AND CONSIST OF PARTICLES RANGING FROM 3/8" TO 2".
- FILTER SOCKS SHALL BE PLACED ON A LEVEL LINE ACROSS SLOPES PARALLEL TO THE BASE OF THE SLOPE. ON SLOPES APPROACHING 2:1, ADDITIONAL SOCKS SHALL BE PROVIDED AT THE TOP AND MID-SLOPE.
- FILTER SOCKS SHALL BE PLACED AT LEAST 5' FROM THE TOE OF SLOPE FOR SEDIMENT DEPOSIT.
- BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED 1/3 THE FILTER SOCK HEIGHT.
- WHEN A FILTER SOCK IS NO LONGER REQUIRED, IT SHALL BE DISPERSED ON-SITE.
- THE MAXIMUM DRAINAGE AREA PER 100 FEET OF FILTER SOCK IS 1/2 ACRE AND IS DEPENDENT ON THE SLOPE FOLLOWING THE GUIDANCE CHART BELOW:

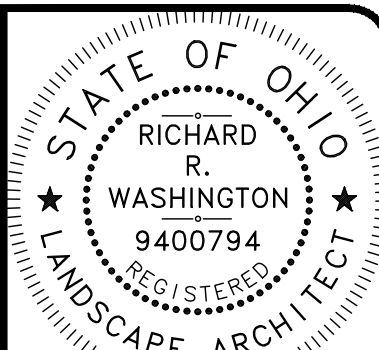
FILTER SOCK DETAIL (ALT. TO SILT FENCE)

SCALE: NONE



NOTES:

- ALL NEW AND EXISTING STORM INLET BASINS WITHIN THE WORK LIMITS SHALL HAVE INLET PROTECTION INSTALLED UNLESS THE SEWER IS INACTIVE DUE TO PRIOR WORK.
- INLET PROTECTION SHALL BE INSTALLED AS EACH STORM INLET IS CONSTRUCTED.
- FRAMING SHALL BE CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED).
- 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.



Richard Washington, License #9400794
Expiration Date 12/31/2026

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DATE	REVISION	NO	BID	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
			11/19/25	AS SHOWN	11/19/25	AS SHOWN	RW, JC	CZ	RW, JC

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST.,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

STORMWATER POLLUTION
PREVENTION PLAN DETAILS

PROJECT NO. 241545	
DISCIPLINE CIVIL	
SHEET NAME SWP-3	
SHEET 20	OF 28

DELEGATION OF AUTHORITY FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

I, _____, HEREBY DESIGNATE THE PERSON OR DESCRIBED POSITION BELOW TO BE A DULY AUTHORIZED REPRESENTATIVE FOR THE PURPOSE OF OVERSEEING COMPLIANCE WITH ENVIRONMENTAL REQUIREMENTS, INCLUDING THE OHIO EPA NPDES CONSTRUCTION GENERAL PERMIT, AT THE DESIGNATED PROJECT. THE DESIGNEE IS AUTHORIZED TO SIGN REPORTS, STORM WATER POLLUTION PREVENTION PLANS (SWP3) AND OTHER DOCUMENTS AS REQUIRED BY THE NPDES PERMIT.

NAME OF QUALIFIED PERSON AND/OR POSITION

COMPANY NAME PHONE NO.

STREET ADDRESS

BY SIGNING THIS AUTHORIZATION, I CERTIFY UNDER THE PENALTY OF LAW THAT ALL REQUIRED DOCUMENTS WILL BE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON(S) WHO MANAGES THE SYSTEM OR IS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION TO BE SUBMITTED WILL BE, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME PHONE NO.

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE DATE

SUBCONTRACTOR AGREEMENT FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

BY SIGNING THIS AGREEMENT, I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWP3) FOR THE DESIGNATED PROJECT AND AGREE TO FOLLOW THE PRACTICES DESCRIBED. AS A SUBCONTRACTOR, I AM REQUIRED TO COMPLY WITH THE SWP3 FOR ANY WORK I PERFORM AT THE PROJECT. IT IS MY RESPONSIBILITY TO OBTAIN A COPY OF THE SWP3 FROM THE CONTRACTOR AND TO ADVISE MY EMPLOYEES WORKING ON THIS PROJECT OF THE REQUIREMENTS. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES OR LOSS OF CONTRACT FOR VIOLATING ANY CONDITION OF THE SWP3, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME PHONE NO.

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE DATE

DESCRIPTION OF CONSTRUCTION SERVICE(S) I AM TO PROVIDE:

FINAL CERTIFICATION AND NOTIFICATION FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED FOR THE DESIGNATED PROJECT. BASED ON MY INQUIRY OF THE PERSON(S) WHO MANAGED THE SYSTEM OR DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME PHONE NO.

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE DATE

GRADING AND STABILIZATION ACTIVITY LOG

PROJECT NAME: _____ SHEET NO.: _____

PROJECT ADDRESS: _____

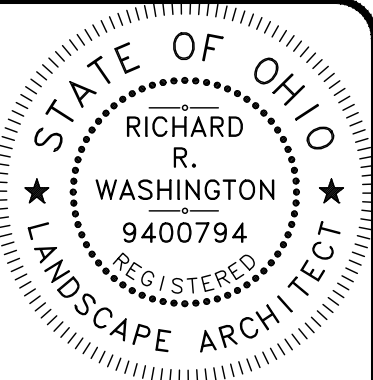
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			DATE	TYPE	
				☐ TEMP. ☐ PERM.	
				☐ TEMP. ☐ PERM.	
				☐ TEMP. ☐ PERM.	
				☐ TEMP. ☐ PERM.	
				☐ TEMP. ☐ PERM.	
				☐ TEMP. ☐ PERM.	
				☐ TEMP. ☐ PERM.	

EROSION AND SEDIMENT CONTROL AMENDMENT LOG

PROJECT NAME: _____ SHEET NO.: _____

PROJECT ADDRESS: _____

AMENDMENT NO.	DATE OF AMENDMENT	DESCRIPTION OF AMENDMENT	DESCRIPTION OF STABILIZATION MEASURE AND LOCATION (ATTACH SKETCH IF NECESSARY)



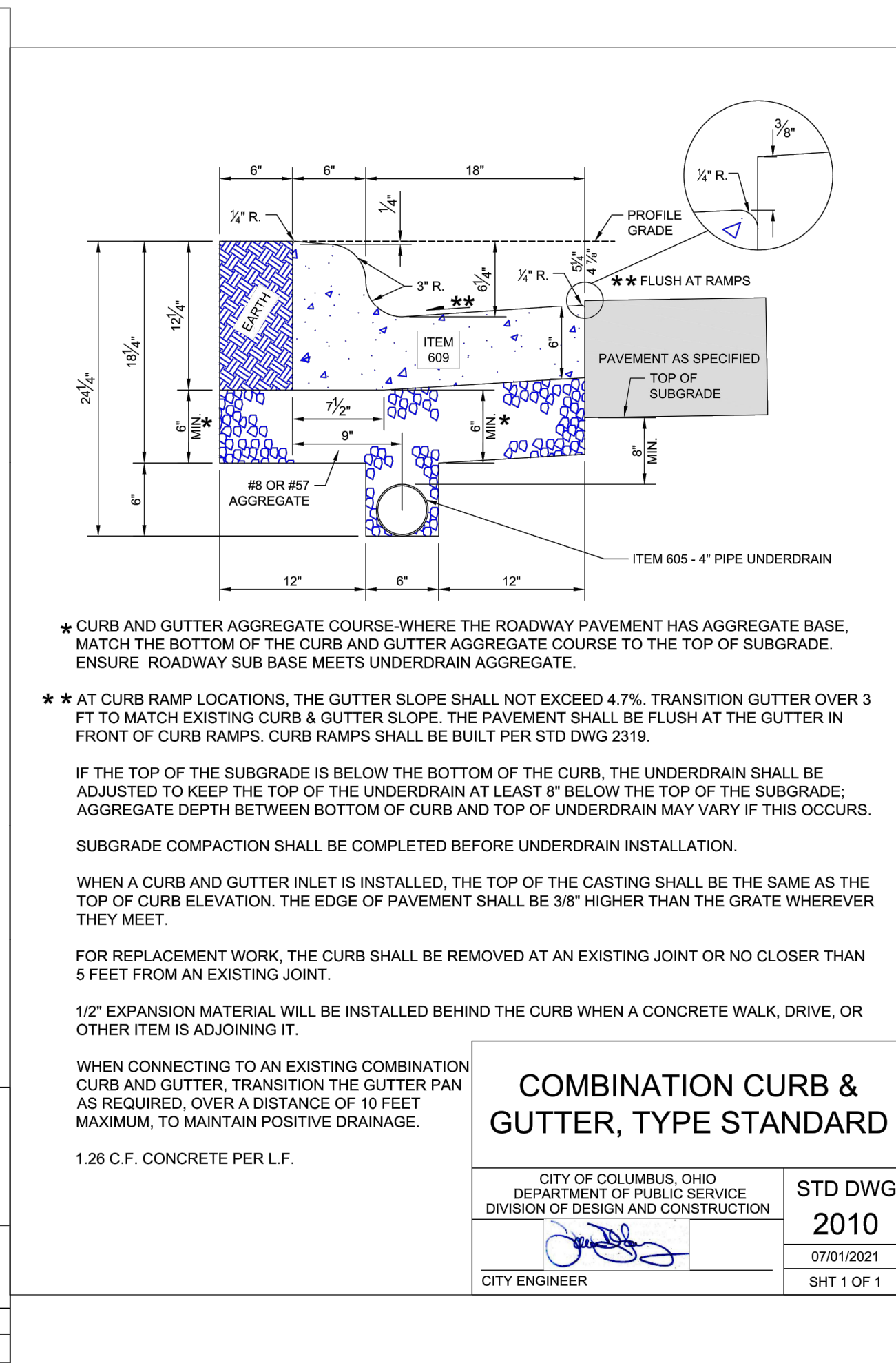
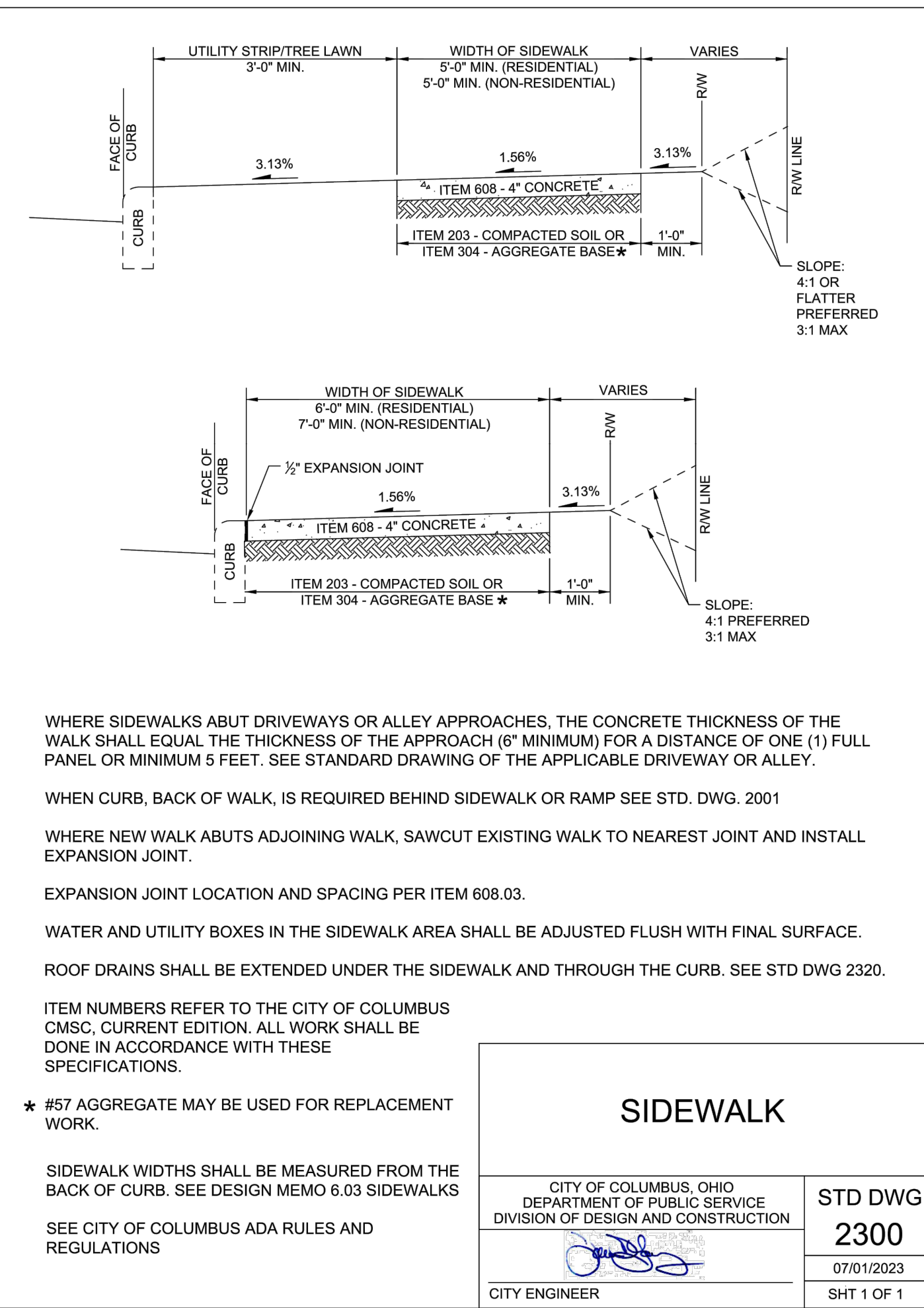
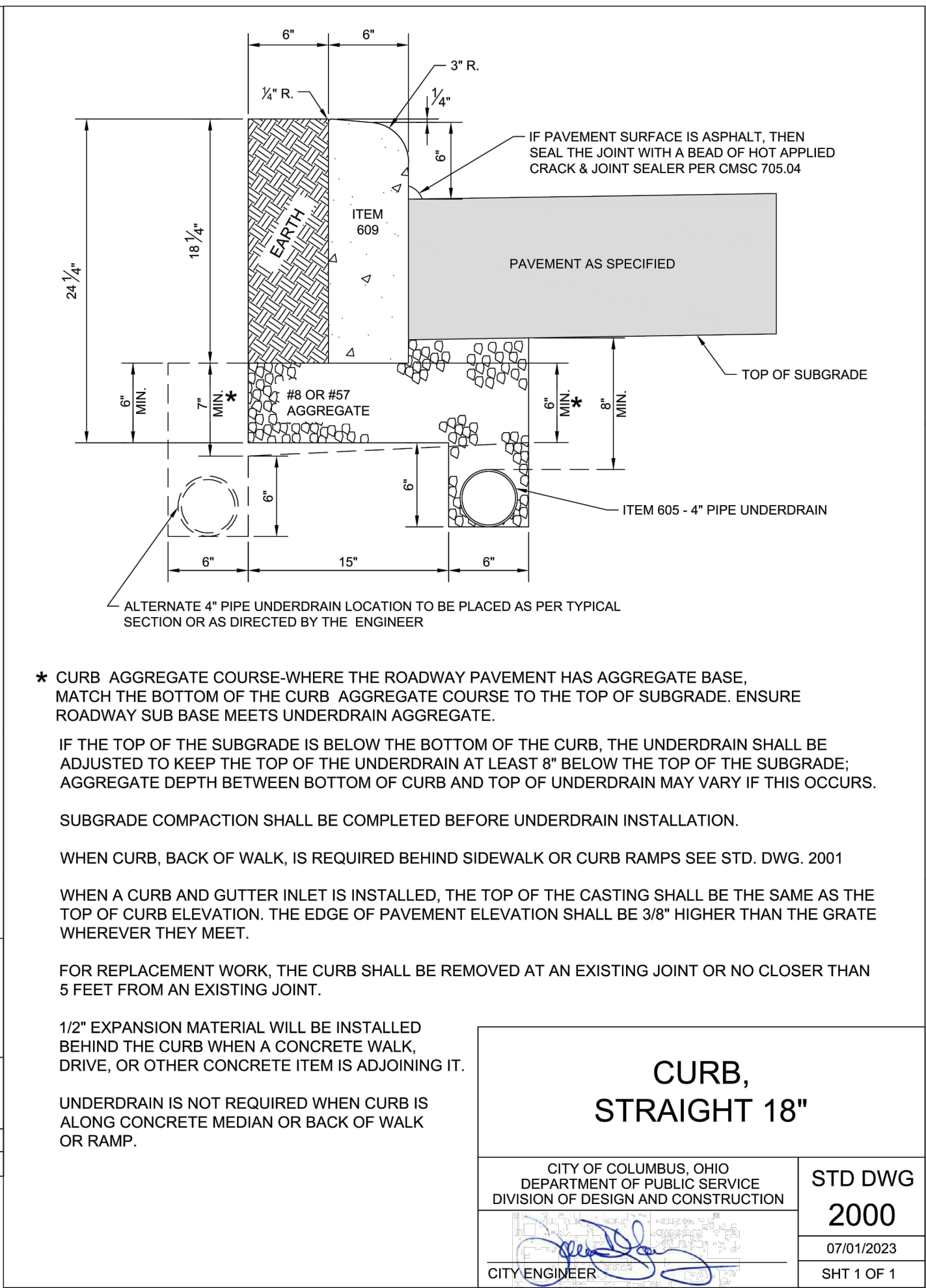
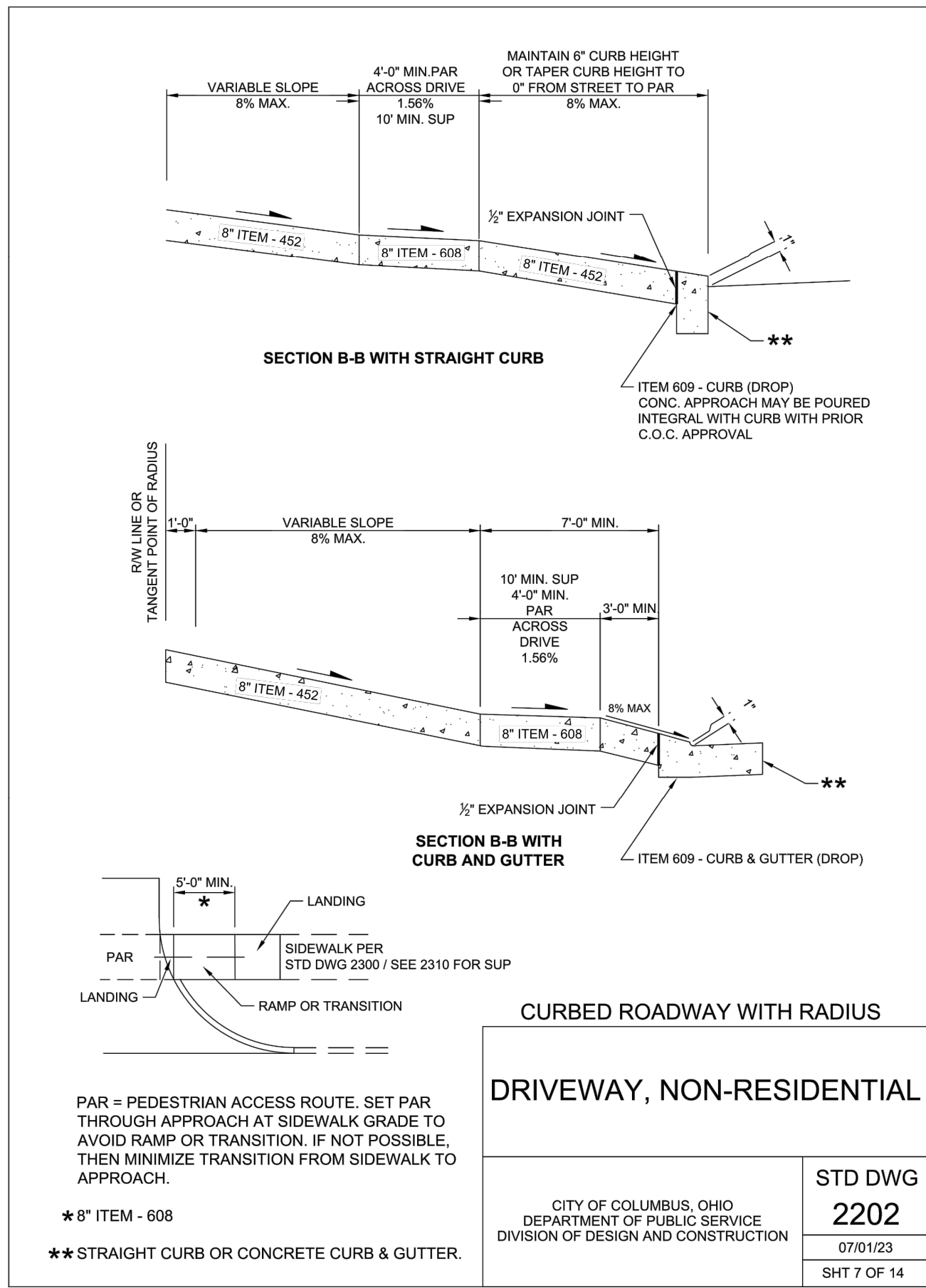
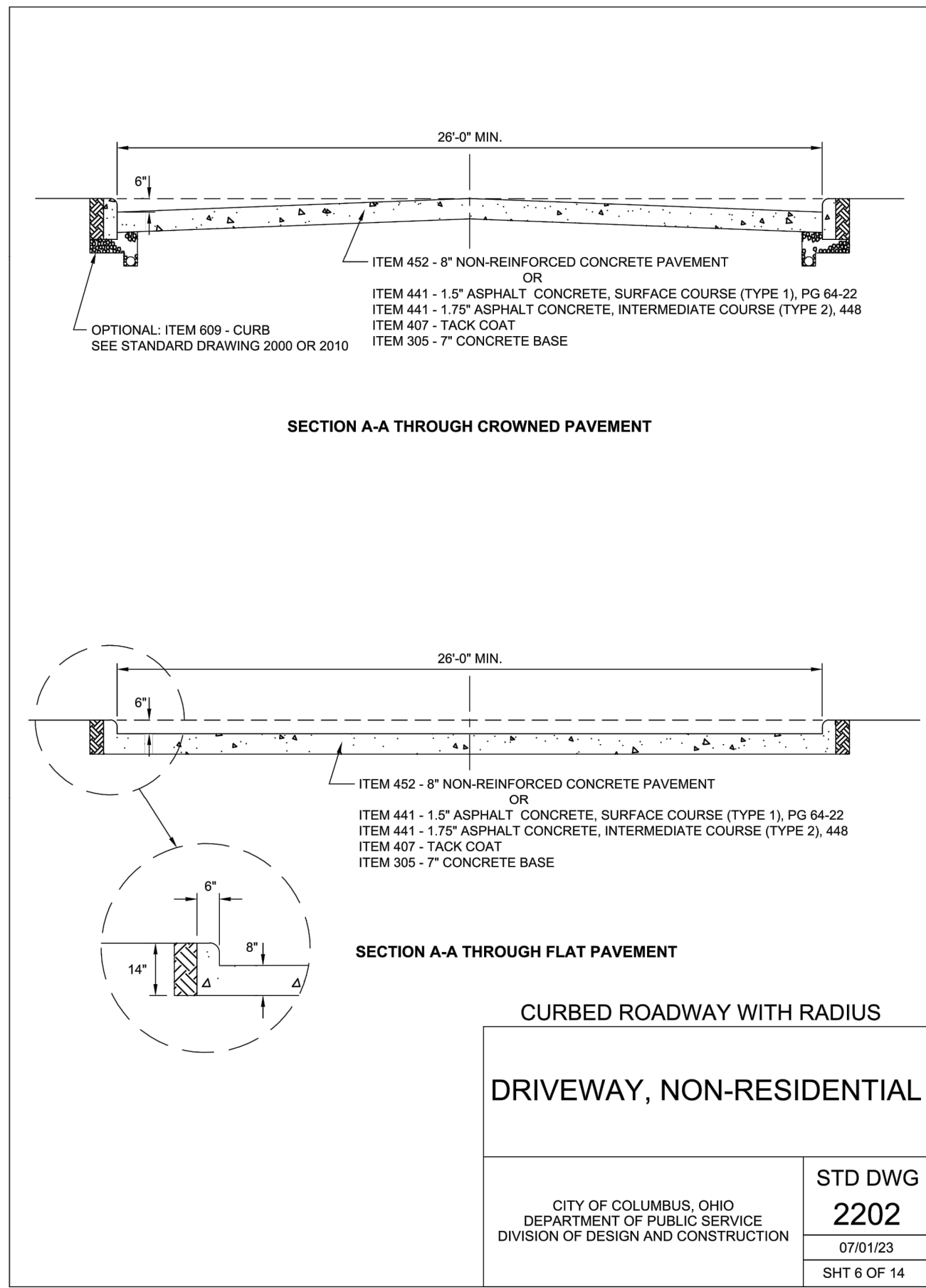
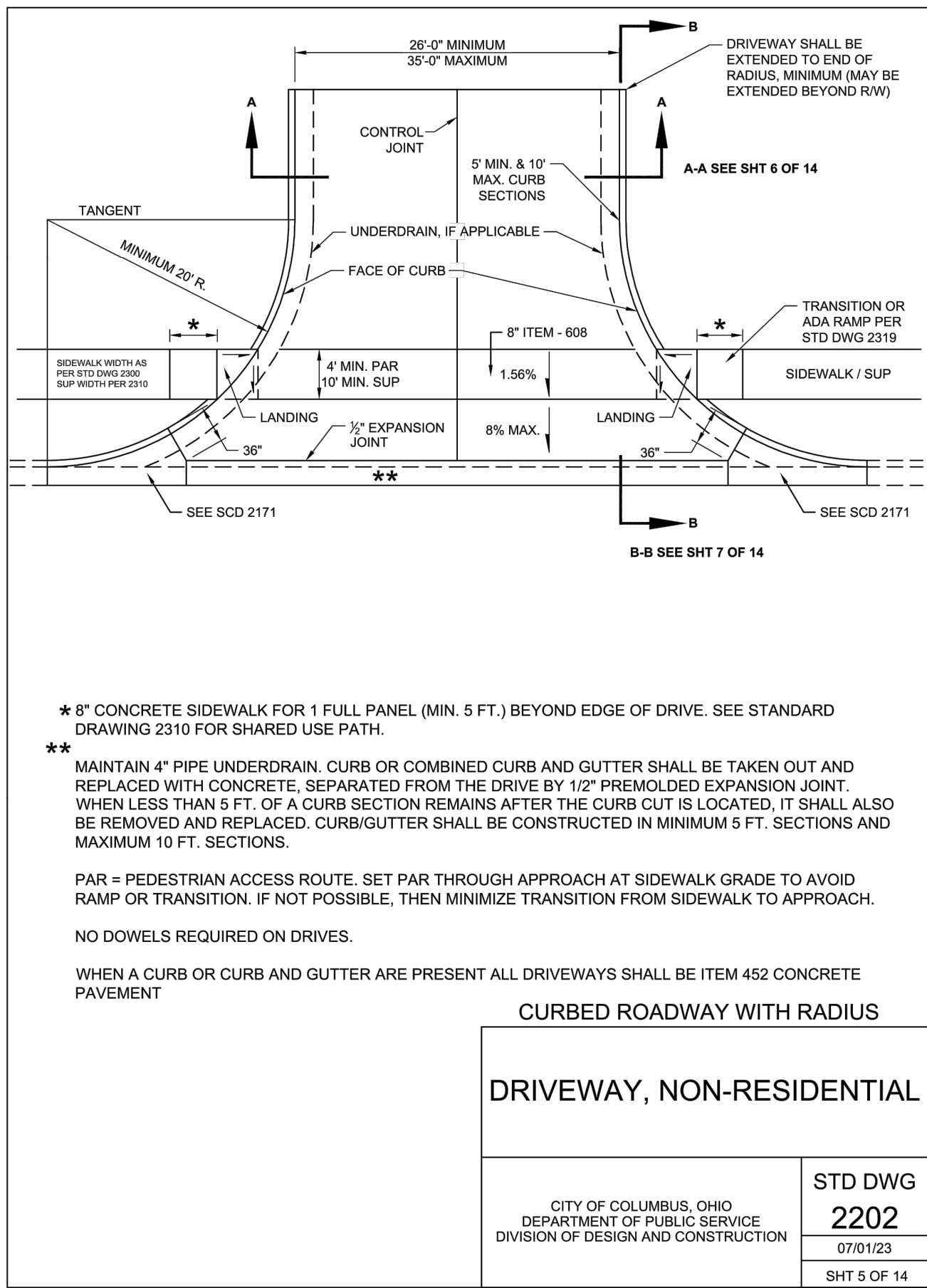
Richard Washington, License #794
Expiration Date 12/31/2026



ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	NO	REVISION	DATE
	11/19/25	AS SHOWN	RW, JC	CZ				

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -
STORMWATER POLLUTION PREVENTION PLAN LOG

PROJECT NO. 241545	
DISCIPLINE CIVIL	
SHEET NAME SWP-4	
SHEET 21	OF 28



STATE OF OHIO
RICHARD R. WASHINGTON
9400794
REGISTERED
LANDSCAPE ARCHITECT

Richard Washington, License #794
Expiration Date 12/31/2026

verdantas

ISSUED FOR:	BID #	NO	REVISION	DATE
ISSUE DATE:	11/19/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW, JC			
DRAWN BY:	CZ			
CHECKED BY:	RW, JC			

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST.,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

CONSTRUCTION DETAILS

PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	DET-1
SHEET	22
OF	28

1. CURB RAMPS SHALL BE INSTALLED PER STD DWGS 2300, 2303, 2319, CMSC 608, AND CITY OF COLUMBUS ADA RULES AND REGULATIONS.
2. MATERIAL: THE RAMP PANEL AND FLARED SIDES SHALL BE CONCRETE.
3. RAMP TYPES ARE CATEGORIZED BELOW IN TIERS BY REQUIRED ORDER OF USE. LOCATING THE RAMP AS CLOSE AS POSSIBLE TO THE INTERSECTION FOLLOWING THE CURB RAMP DESIGN BOUNDARY CONTAINED IN THE ADA RULES AND REGULATIONS IS THE FIRST PRIORITY. THE DESIGNER SHALL NOT USE A LOWER TIERED RAMP WITHOUT FIRST DETERMINING AND HAVING JUSTIFICATION THAT THE UPPER TIER RAMPS ARE NOT CONSTRUCTIBLE.

TIER 1 (THESE PERPENDICULAR RAMPS SHOULD BE USED WHENEVER POSSIBLE.)

- TYPE P-6
- TYPE P-7
- TYPE P-5
- TYPE P-4

- TYPE J (MODIFIED ALLEY RAMP), USE SHOULD BE LIMITED DUE TO DRAINAGE CONCERNS
- RADIAL RAMPS
- SINGLE SHARED RAMPS

- TYPE G - ONLY TO BE USED ON ALLEY CROSSINGS
- TYPE H - ONLY TO BE USED ON ALLEY CROSSINGS
- TYPE L-1 - ONLY FOR MEDIAN CROSSINGS
- TYPE L-2 - ONLY FOR MEDIAN CROSSINGS
- PEDESTRIAN PADS - USED FOR ACCESS TO PUSHBUTTONS WHERE THERE IS NO EXISTING SIDEWALK. THE INTENT IS TO PROVIDE ACCESS TO CROSS THE INTERSECTION IN BOTH DIRECTIONS WITHOUT ENTERING THE STREET TO ACCESS TO OTHER CROSSING. THE FOLLOWING IS THE ORDER OF PREFERENCE ON PEDESTRIAN PADS:

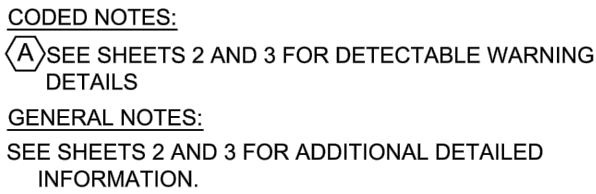
1. PP-1 TWO CONNECTED RAMPS WITH UTILITY STRIP
2. PP-2 TWO CONNECTED RAMPS WITH SIDEWALK AGAINST CURB
3. PP-3 USED AS SINGLE SHARED RAMP THAT CAN ACCESS BOTH CROWSWALK LEGS AND THE PUSHBUTTON
4. PP-3 USED TO ONLY ACCESS THE LEG OF THE INTERSECTION CONTROLLED BY THE PUSHBUTTON
4. RAMP RUNNING SLOPE: THE RUNNING SLOPE SHALL BE NO GREATER THAN 7.7%. THE MINIMUM SLOPE FOR ANY RAMP SHALL BE 5.0% AND SHOULD BE MAXIMIZED UP TO 7.7% WHENEVER POSSIBLE FOR DRAINAGE.
5. ALL JOINTS BETWEEN NEW AND EXISTING MATERIALS SHALL BE FLUSH.
6. LANDING SLOPES SHALL BE 1.6% MAXIMUM PARALLEL AND PERPENDICULAR TO THE RAMP RUNNING SLOPE.

CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG
2319
07/01/2024
SHT 2 OF 23

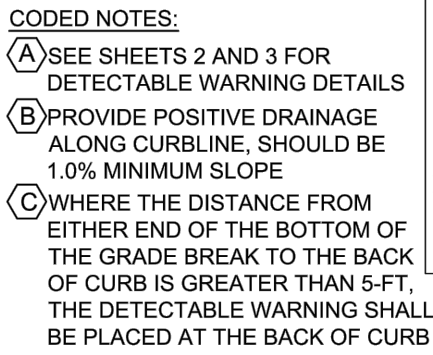
CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG
2319
07/01/2024
SHT 3 OF 23



CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG
2319
07/01/2024
SHT 4 OF 23

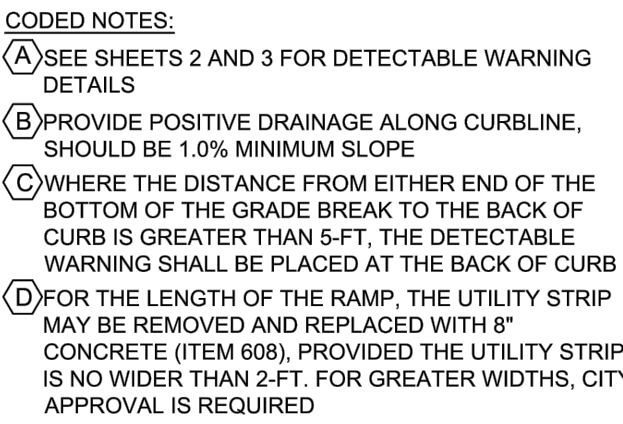


CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

GENERAL NOTES:

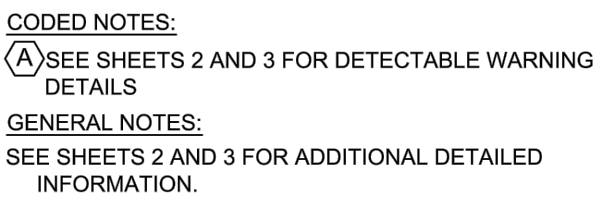
1. SEE SHEETS 2 AND 3 FOR ADDITIONAL DETAILED INFORMATION.
2. THE EDGE OF THE CURB WITHIN THE CLEAR SPACE SHALL BE FLUSH WITH THE EDGE OF THE ADJACENT PAVEMENT AND GUTTER.

STD DWG
2319
07/01/2024
SHT 7 OF 23



CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

STD DWG
2319
07/01/2024
SHT 8 OF 23



CITY OF COLUMBUS, OHIO
DEPARTMENT OF PUBLIC SERVICE
DIVISION OF DESIGN AND CONSTRUCTION

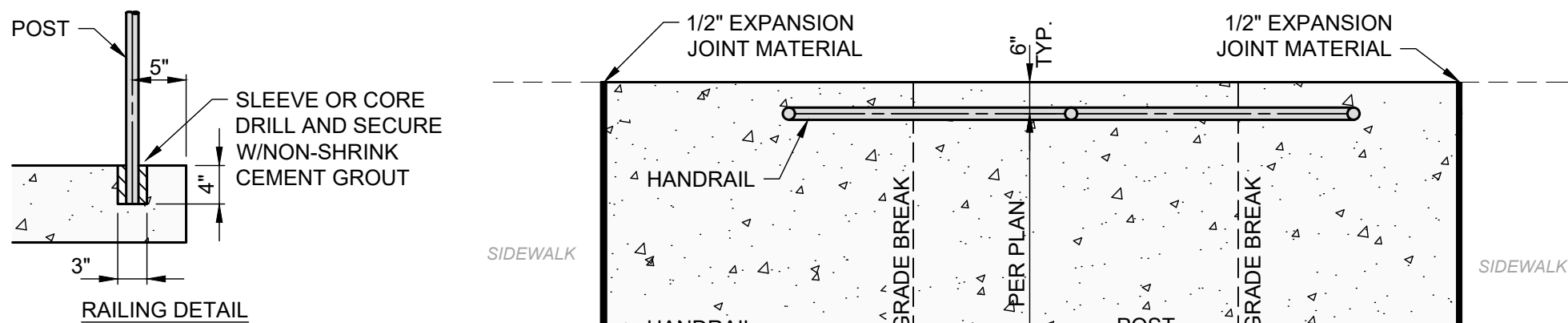
STD DWG
2319
07/01/2024
SHT 5 OF 23

ISSUED FOR:	BID SEP	NO	REVISION	DATE
ISSUE DATE:	11/19/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW, JC			
DRAWN BY:	CZ			
CHECKED BY:	RW, JC			

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

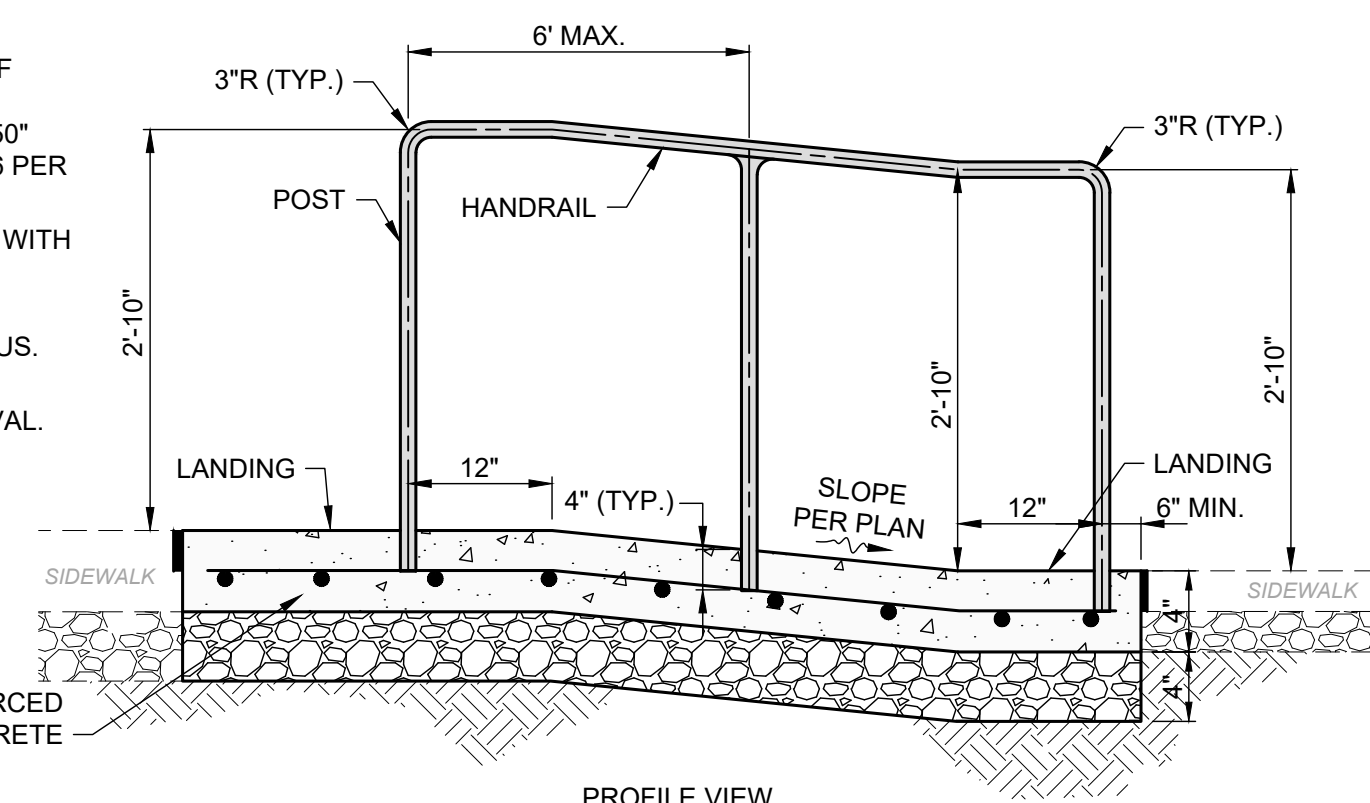
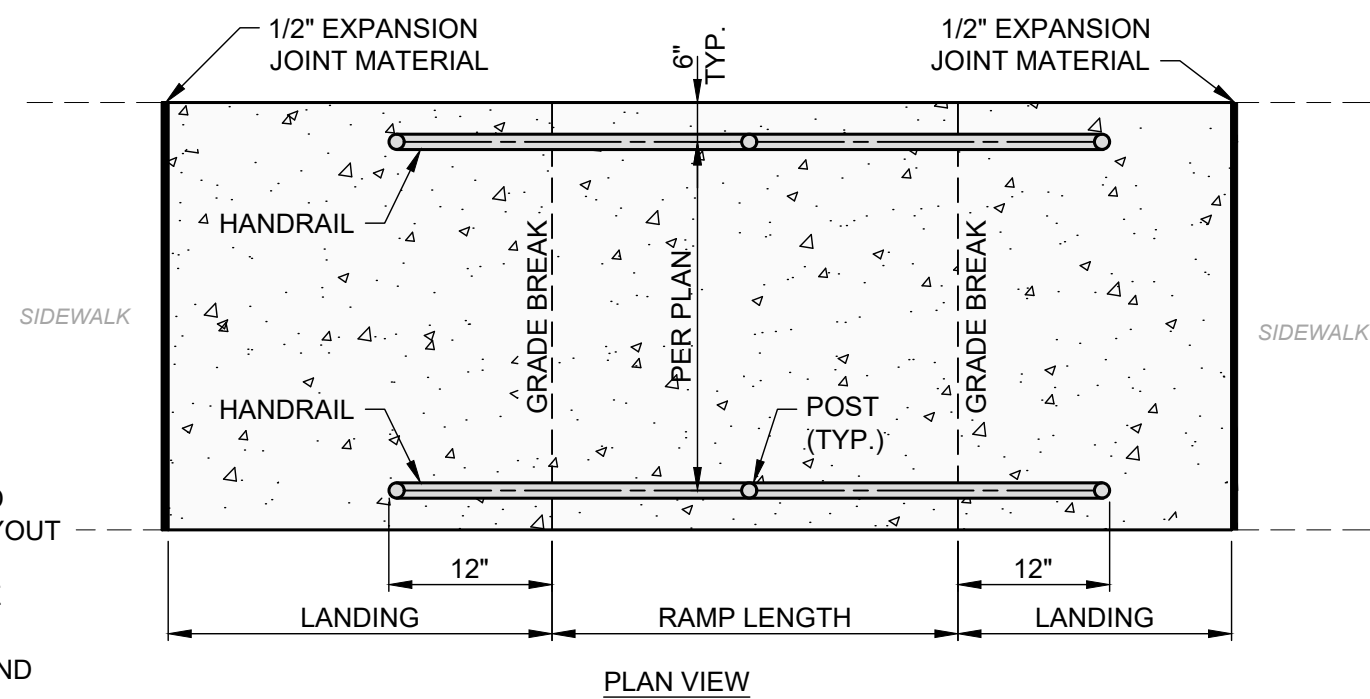
CONSTRUCTION DETAILS

PROJECT NO.	
241545	
DISCIPLINE	
CIVIL	
SHEET NAME	
DET-2	
SHEET	OF
23	28



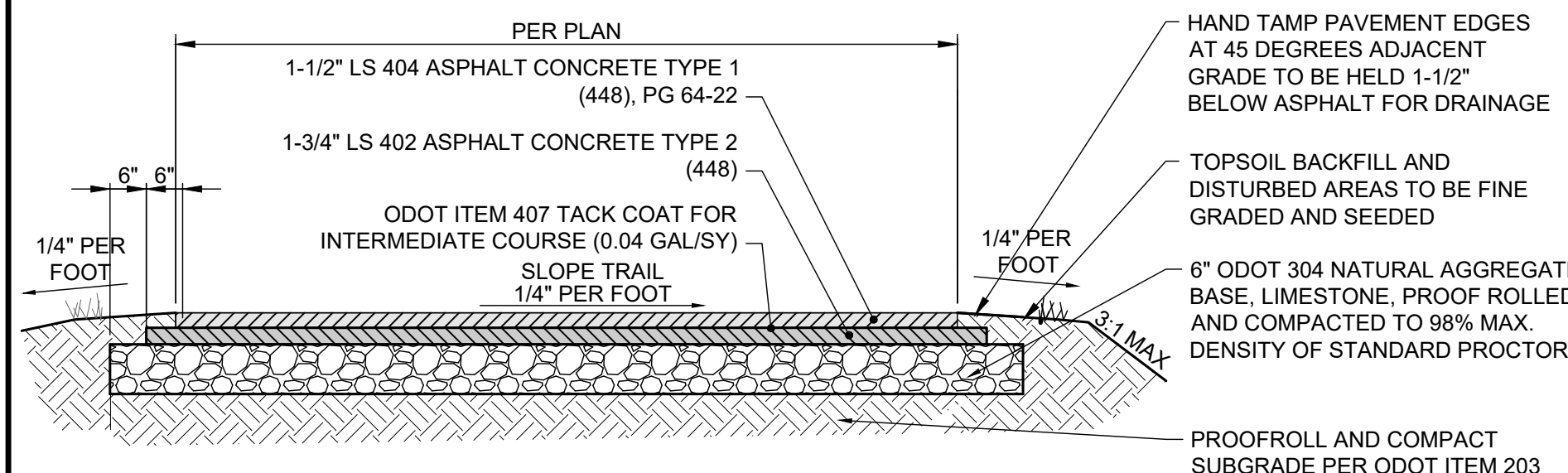
NOTES:

- THIS DETAIL IS FOR REFERENCE AND DIMENSION CONTROL ONLY; SEE LAYOUT AND GRADING PLANS FOR ACTUAL CONFIGURATION, WIDTH AND GRADE BREAK LOCATIONS.
- THIS DETAIL SHOWS THE MINIMUM AND MAXIMUM APPROACH LENGTHS; SEE PLANS FOR ACTUAL LENGTHS.
- POSTS AND HANDRAILS SHALL BE SMOOTH, WATER TIGHT AND FREE OF BURRS AND SHARP PROJECTIONS FABRICATED FROM NOMINAL SIZE 1.50" DIA. STAINLESS STEEL PIPE TYPE 316 PER ASTM A484.
- PROVIDE SPLICES FOR PIPE RAILING WITH INTERNAL SLEEVES.
- HAND TOOL JOINTS AND ROUND ALL EDGES AND JOINTS WITH A 1/4" RADIUS.
- THE CONTRACTOR SHALL SUBMIT JOINTING PLAN FOR OWNER APPROVAL. DIVIDE INTO EQUALLY SPACED RECTANGULAR BLOCKS.
- APPLY LIQUID-MEMBRANE CURING COMPOUND.



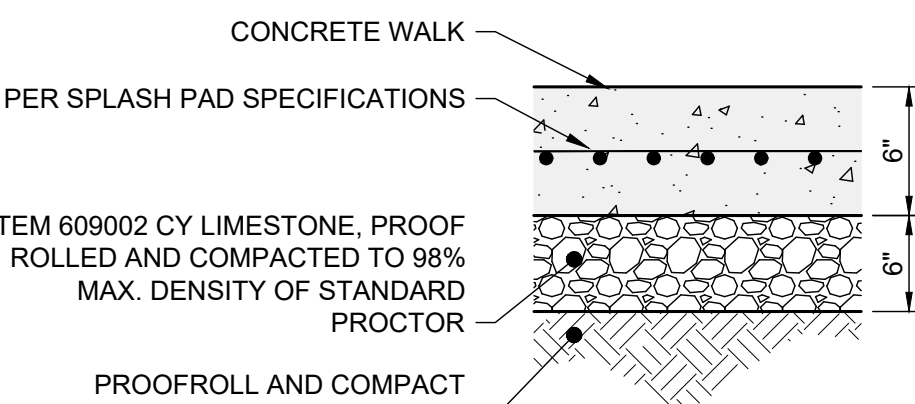
STAMPED CONCRETE RAMP WITH HANDRAILS DETAIL

SCALE: NONE



ASPHALT TRAIL

NOT TO SCALE



NOTES:

- REFER TO SPLASH PAD SPECIFICATIONS FOR FOR JOINT REQUIREMENTS AND LOCATIONS.
- IF UNSUITABLE SOILS EXISTS, UNDERCUT SUBGRADE AND REPLACE WITH ITEM 609002 CY CRUSHED LIMESTONE, 12" MIN.
- VERIFY LIQUID-MEMBRANE CURING COMPOUND REQUIREMENTS WITH SPLASH PAD VENDOR.
- VERIFY ALL CONCRETE PAD REQUIREMENTS WITH SPLASH PAD VENDOR.

SPLASH PAD REINFORCED CONCRETE PAVEMENT DETAIL

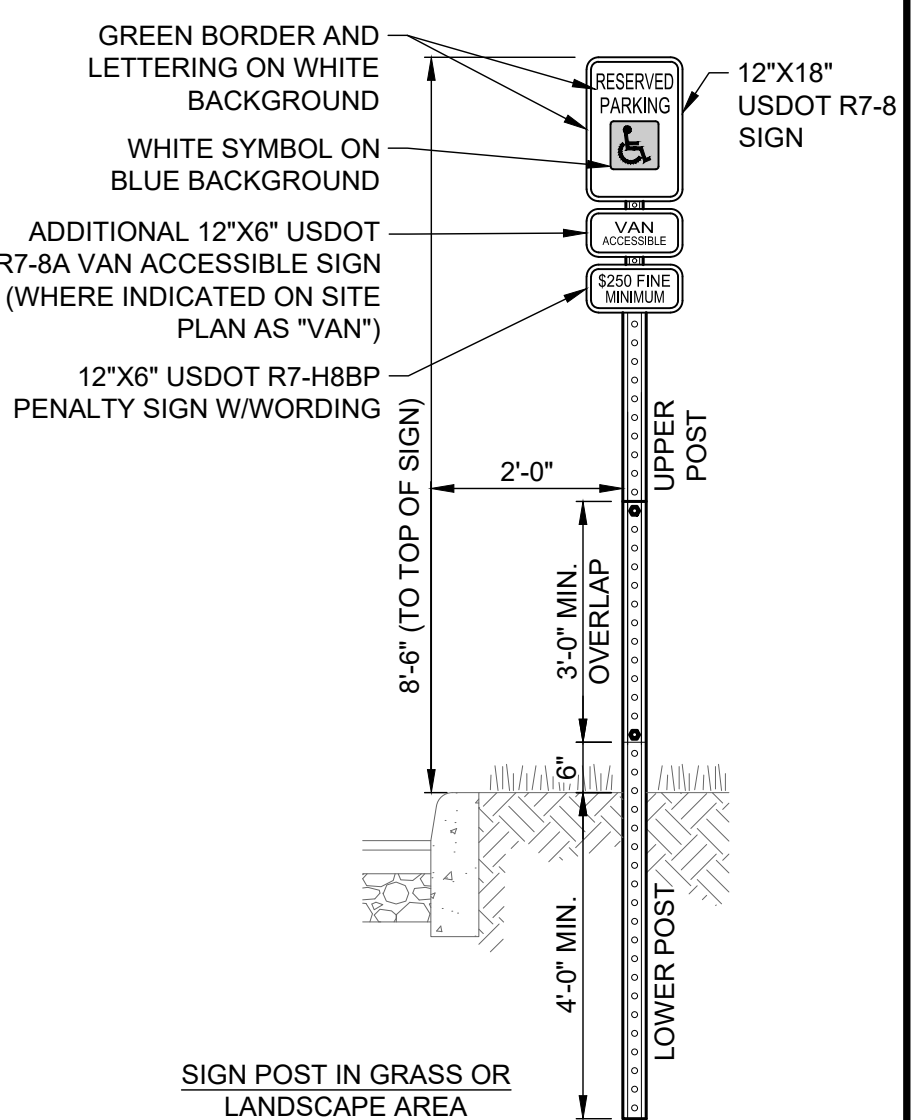
SCALE: NONE

NOTES:

- SIDEWALK TO BE PER CITY STANDARDS.
- SEE LAYOUT PLAN FOR JOINT LOCATIONS. IF JOINTS ARE NOT PROVIDED, THEN THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL JOINTS. DIVIDE JOINTS INTO EQUALLY SPACED RECTANGULAR BLOCKS.
- SAW CUT JOINT 1/8" WIDE BY 1/4 OF "T" DEEP TO MATCH EXISTING.
- ROUND ALL EDGES AND JOINTS WITH A 1/4" RADIUS.
- INSTALL PREFORMED JOINT MATERIAL EVERY 30', OR BETWEEN SIDEWALK AND FIXED OBJECT (I.E. MANHOLE, WALK, BUILDING). WALK SHOWN FOR REFERENCE ONLY. APPLY POLYURETHANE COLOR CAULK JOINT SEALANT.
- LIGHTLY BROOM THE FINISH PERPENDICULAR TO THE WALKING PATH OR PER PLAN.
- APPLY LIQUID-MEMBRANE CURING COMPOUND (200 S.F./GAL.)
- DECORATIVE COLORED CONCRETE PAVEMENT
- A 5X5' MOCK-UP SAMPLES OF THE CONCRETE COLOR, FINISHING AND STAMPING SHALL BE CHOSEN BY THE CITY UNTIL AN ACCEPTABLE FINISH IS ACQUIRED.
- A PERMANENT INTEGRAL COLOR PIGMENT SHALL BE ADDED TO ALL CONCRETE IN AREAS INDICATED ON THE PLANS. MIX SHALL BE INTEGRAL COLOR PIGMENT MIX OR EQUAL, COLOR TO BE IRON BRICK AS REVIEWED AND APPROVED BY THE OWNER.
- A RELEASE LIQUID RELEASE AGENT FOR THE STAMP SHALL STANDARD CLEAR, EVAPORATING FORMULATION THAT FACILITATES RELEASE OF STAMP MATS AND TEXTURE ROLLS.
- STAMPED CONCRETE PATTERN SHALL BE RUNNING BOND BRICK AS APPROVED BY THE OWNER.
- THE SURFACE FINISH SHALL BE A NON-DIRECTIONAL NON-SLIP TEXTURE PRODUCED WITH A WOOD FLOAT OR BROOM FINISH AS APPROVED BY THE CITY.
- CONCRETE SHALL INCLUDE APPLICATION OF A NON-GLOSS, NON-SLIP SEALER RECOMMENDED BY THE COLOR MANUFACTURER AND APPROVED BY THE ENGINEER. CLEAR GUARD 2.92 VOC USED WITH FLATTENING PASTE OR EQUAL.

DECORATIVE CONCRETE SIDEWALK DETAIL

SCALE: NONE

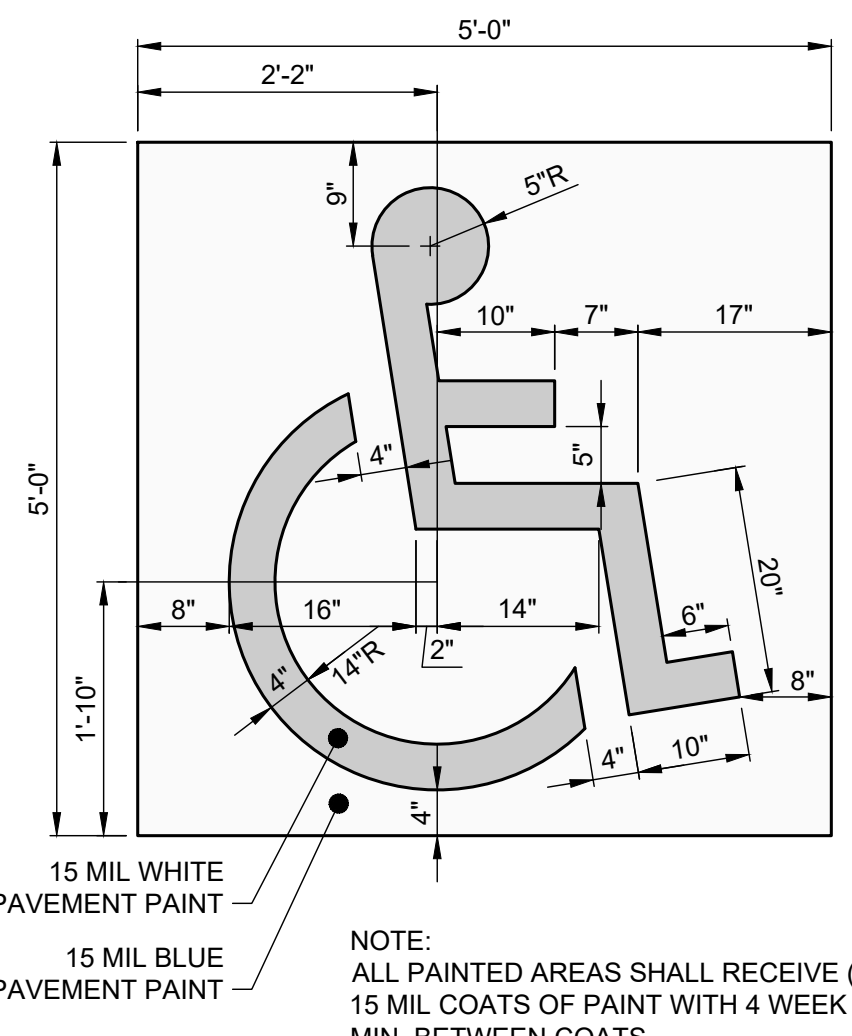


NOTES:

- POST SHALL BE 2 LB/FT GALVANIZED STEEL U-CHANNEL WITH 3/8" HOLES ON 1" CENTERS.

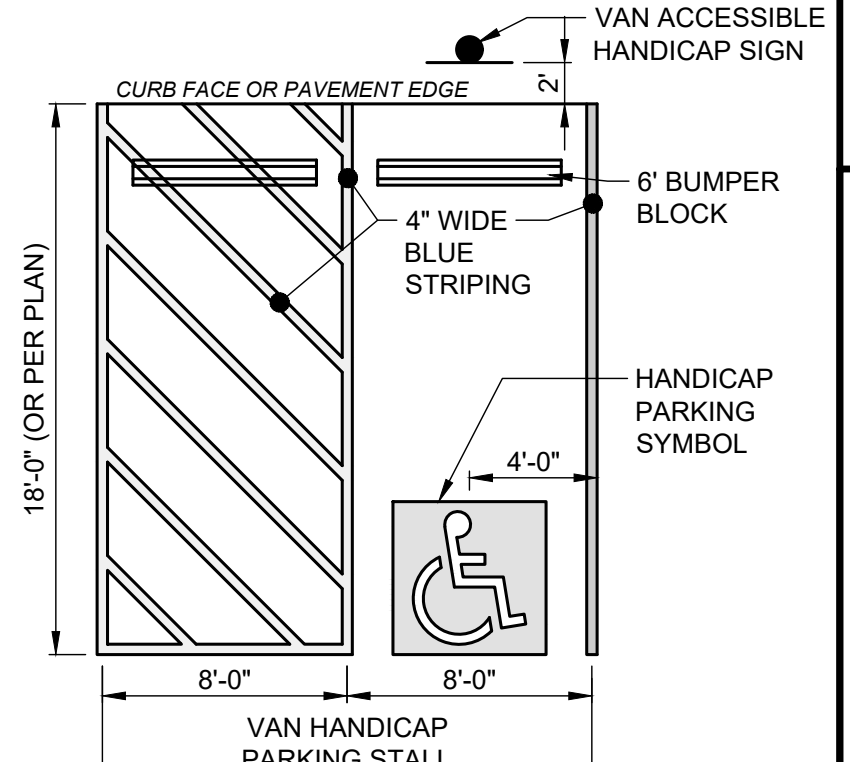
'ACCESSIBLE PARKING' SIGN W/ POST DETAIL

SCALE: NONE



ACCESSIBLE PARKING SYMBOL DETAIL

SCALE: NONE

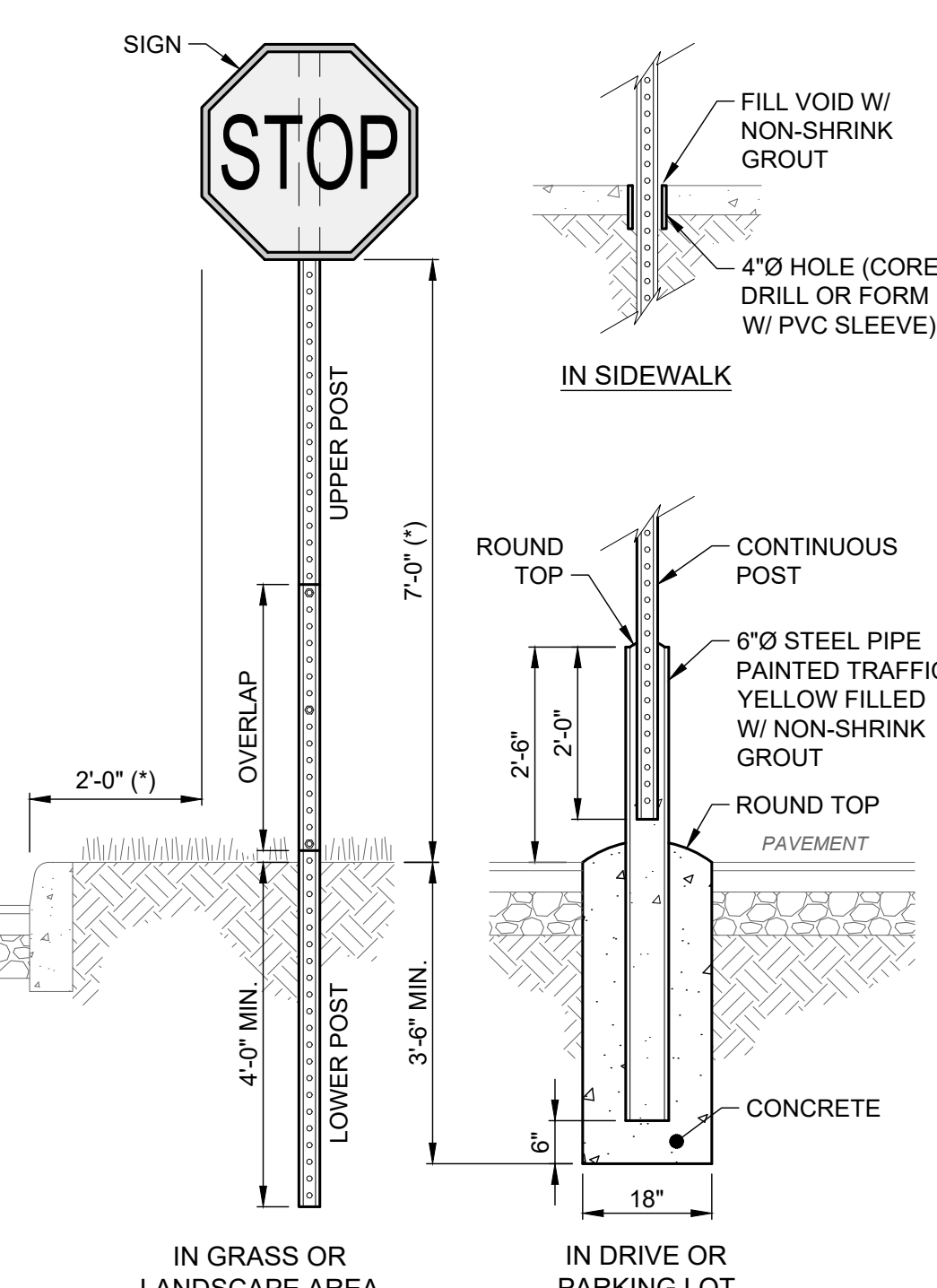


NOTES:

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

ACCESSIBLE PARKING LAYOUT DETAIL

SCALE: NONE

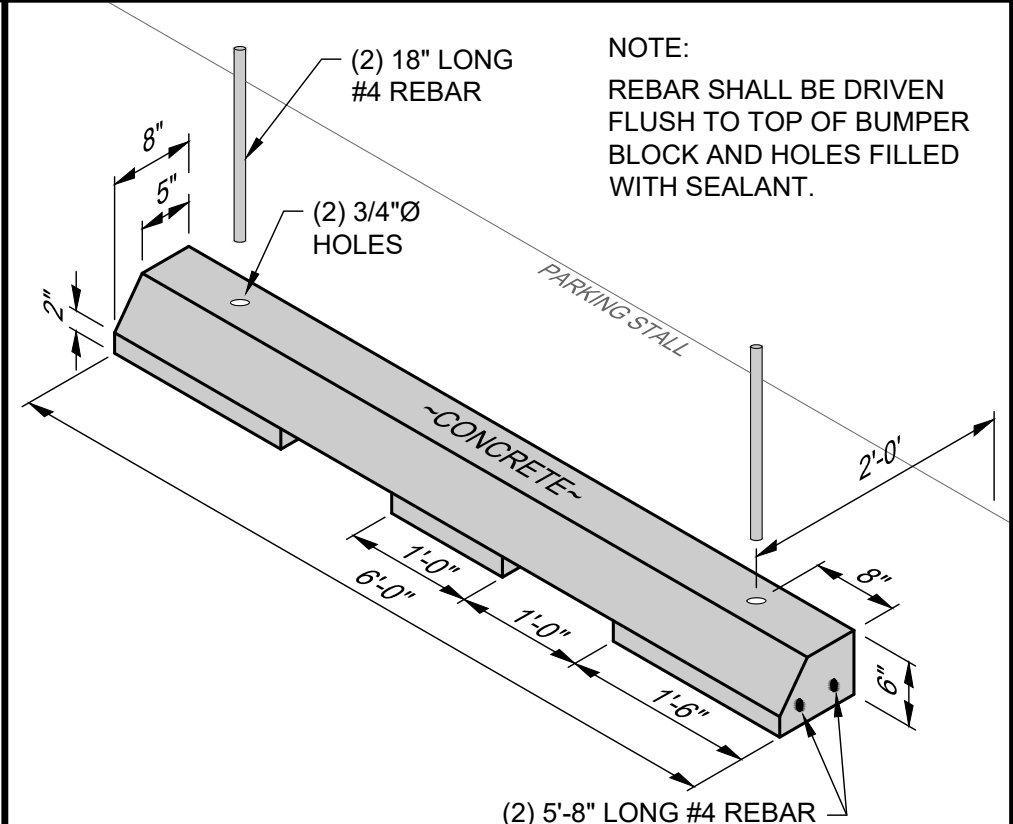


NOTES:

- POSTS SHALL BE 2 LB/FT GALVANIZED STEEL U-CHANNEL WITH 3/8" HOLES ON 1" CENTERS.
- ALL SIGNS SHALL BE PLACED 90° TO THE ROADWAY TRAVEL DIRECTION.
- "STOP" SIGN SHOWN FOR REFERENCE. SEE LAYOUT PLAN FOR SPECIFIC TYPE OF SIGN(S) TO BE USED.

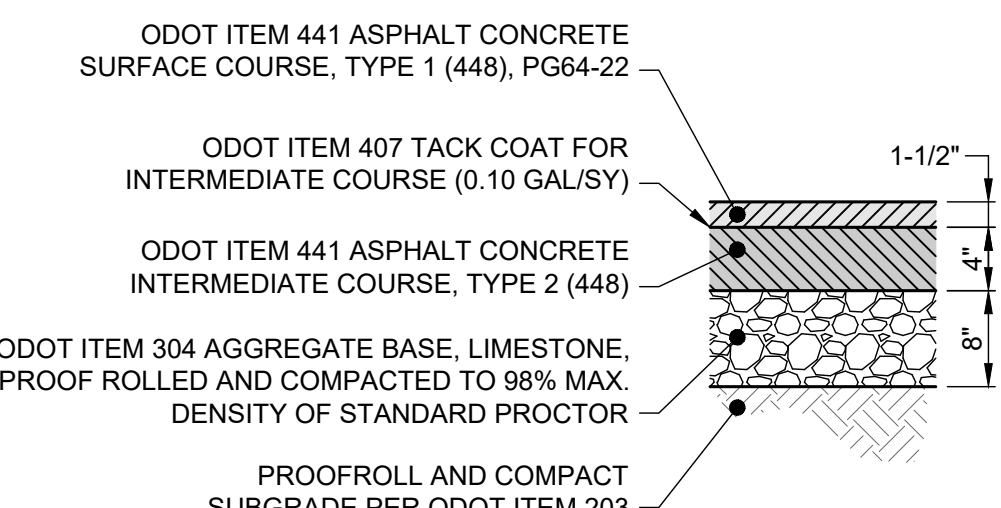
SIGN POST DETAIL

SCALE: NONE



6' CONCRETE BUMPER BLOCK DETAIL

SCALE: NONE



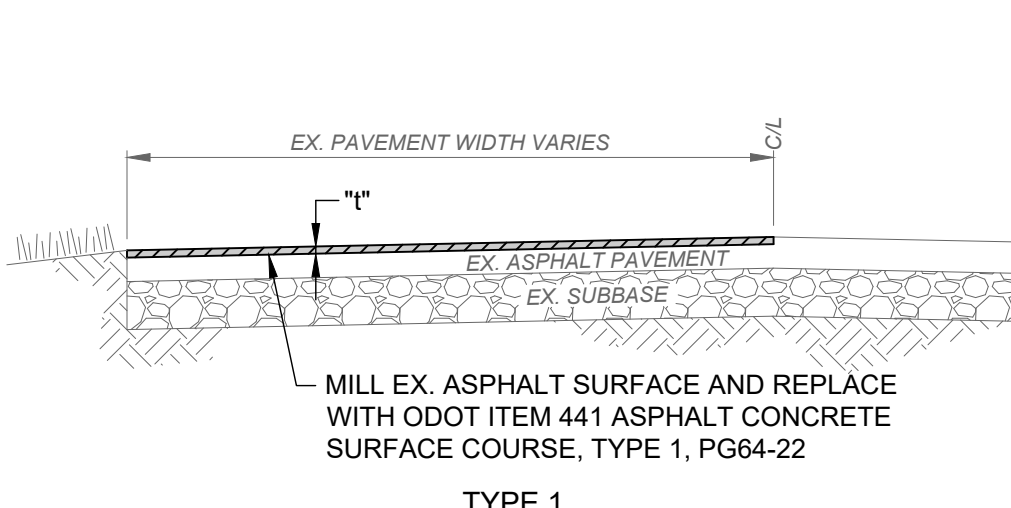
PARKING LOTS & DRIVE LANES (SN = 2.75)

NOTES:

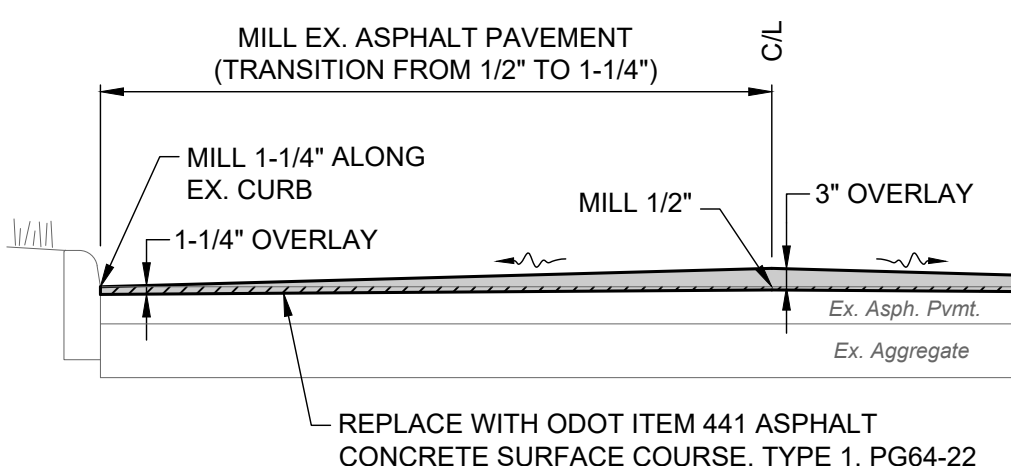
- IF UNSUITABLE SOILS EXISTS, UNDERCUT SUBGRADE AND REPLACE WITH ODOT ITEM 304 CRUSHED LIMESTONE, 12" MIN. AS DIRECTED.

ASPHALT PAVEMENT DETAIL

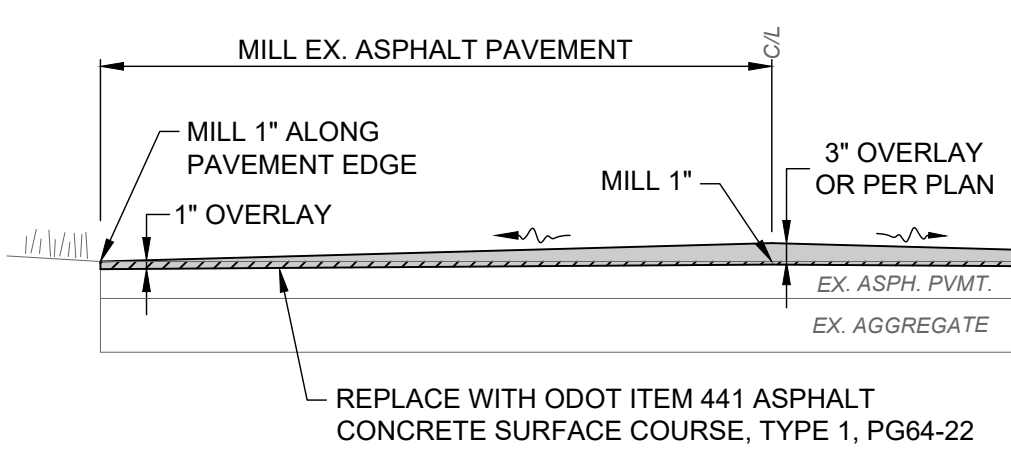
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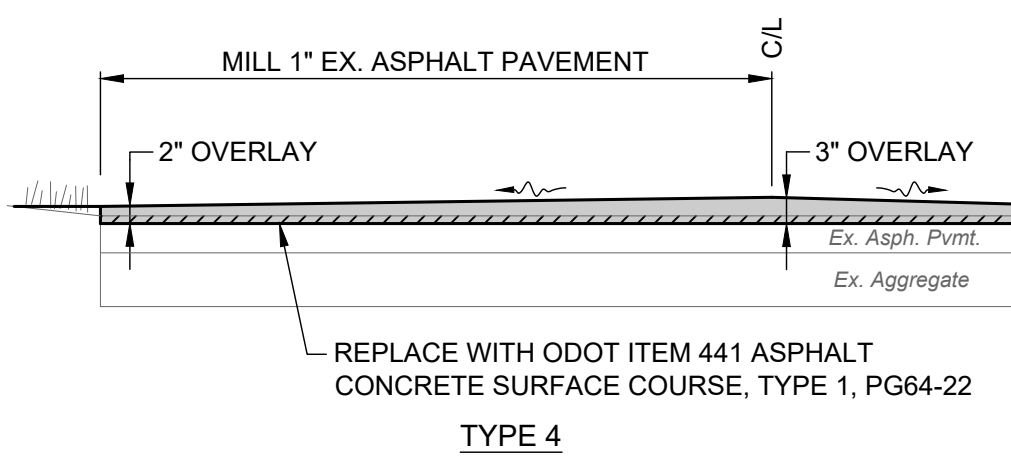
TYPE 1



TYPE 2



TYPE 3



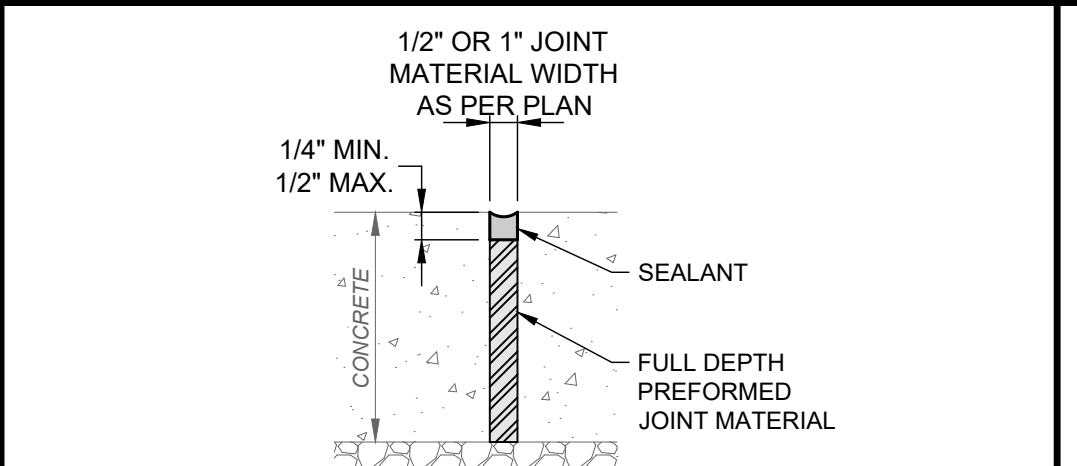
TYPE 4

NOTES:

- "T" IS THE THICKNESS OF THE NEW ASPHALT SURFACE COURSE AS PER PLAN.
- THE MILLED PAVEMENT SURFACE SHALL BE CLEANED TO A BROOM-CLEAN CONDITION.
- ODOT ITEM 407 TACK COAT (0.04 GAL/SY) SHALL BE APPLIED TO THE EXPOSED EXISTING ASPHALT BASE COURSE AND ALL SIDES OF EACH PATCH.
- A SEALANT SHALL BE APPLIED AROUND THE EDGE OF PATCH.
- INCREASE THE THICKNESS OF THE NEW ASPHALT OVERLAY TO INCREASE THE PAVEMENT'S CROSS SLOPE.

ASPHALT PAVEMENT MILL & OVERLAY DETAIL

SCALE: NONE



NOTES:

- INSTALL PREFORMED JOINT MATERIAL EVERY 30', OR BETWEEN SIDEWALK AND FIXED OBJECT (I.E. MANHOLE, WALK, BUILDING).
- SEALANT SHALL BE POLYURETHANE-BASED, NON-SAG ELASTOMERIC SEALANT FOR BOTH HORIZONTAL AND VERTICAL JOINTS (I.E. SIKAFLEX + CONSTRUCTION SEALANT).
- SEALANT COLOR SHALL MATCH ADJACENT CONCRETE OR COLOR CHOSEN BY OWNER OR ARCHITECT.

EXPANSION JOINT W/ SEALANT DETAIL

SCALE: NONE

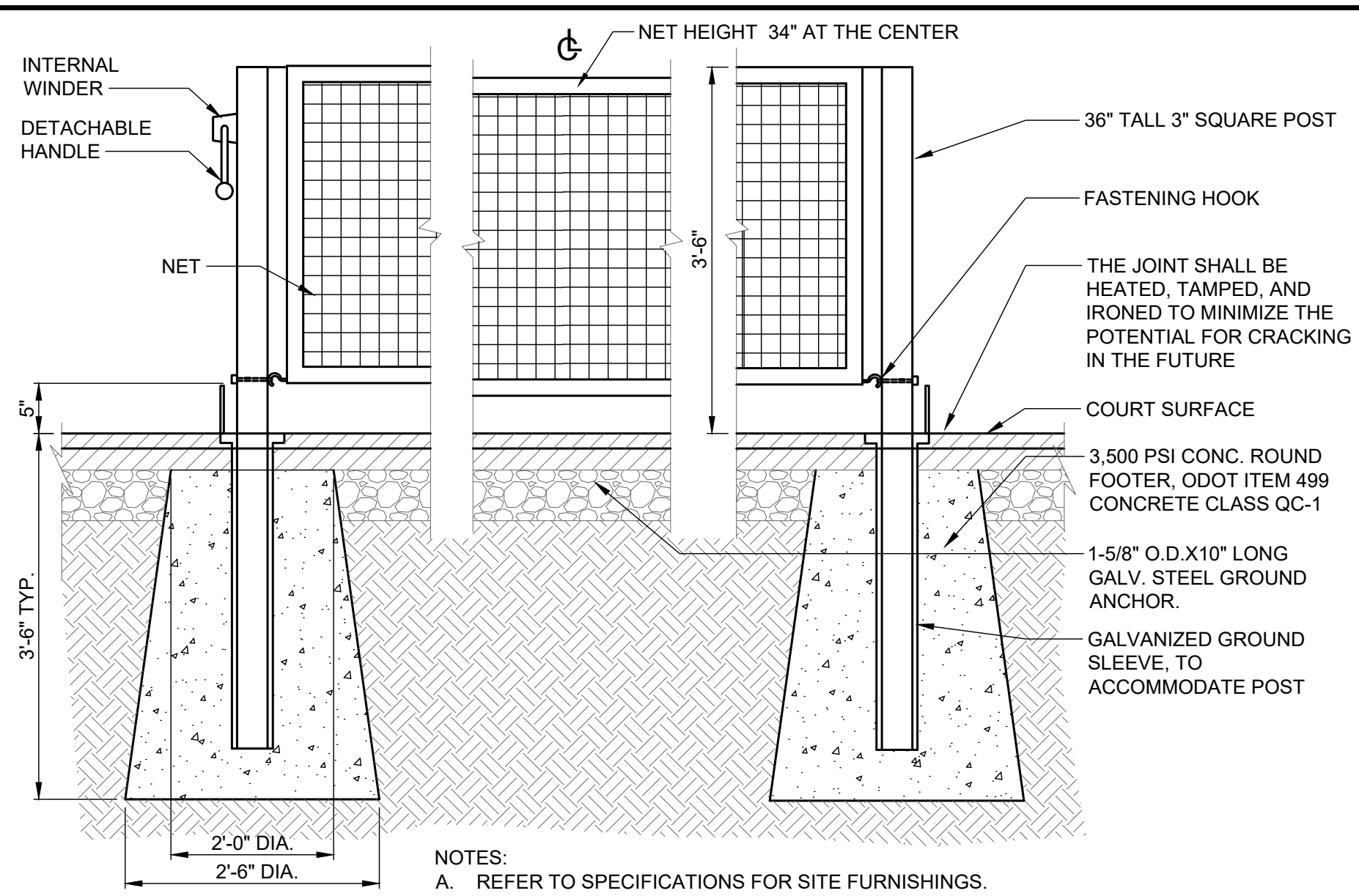


DATE	REVISION	NO	BID #	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
					11/19/25	AS SHOWN	RW, JC	CZ	RW, JC

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST.,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

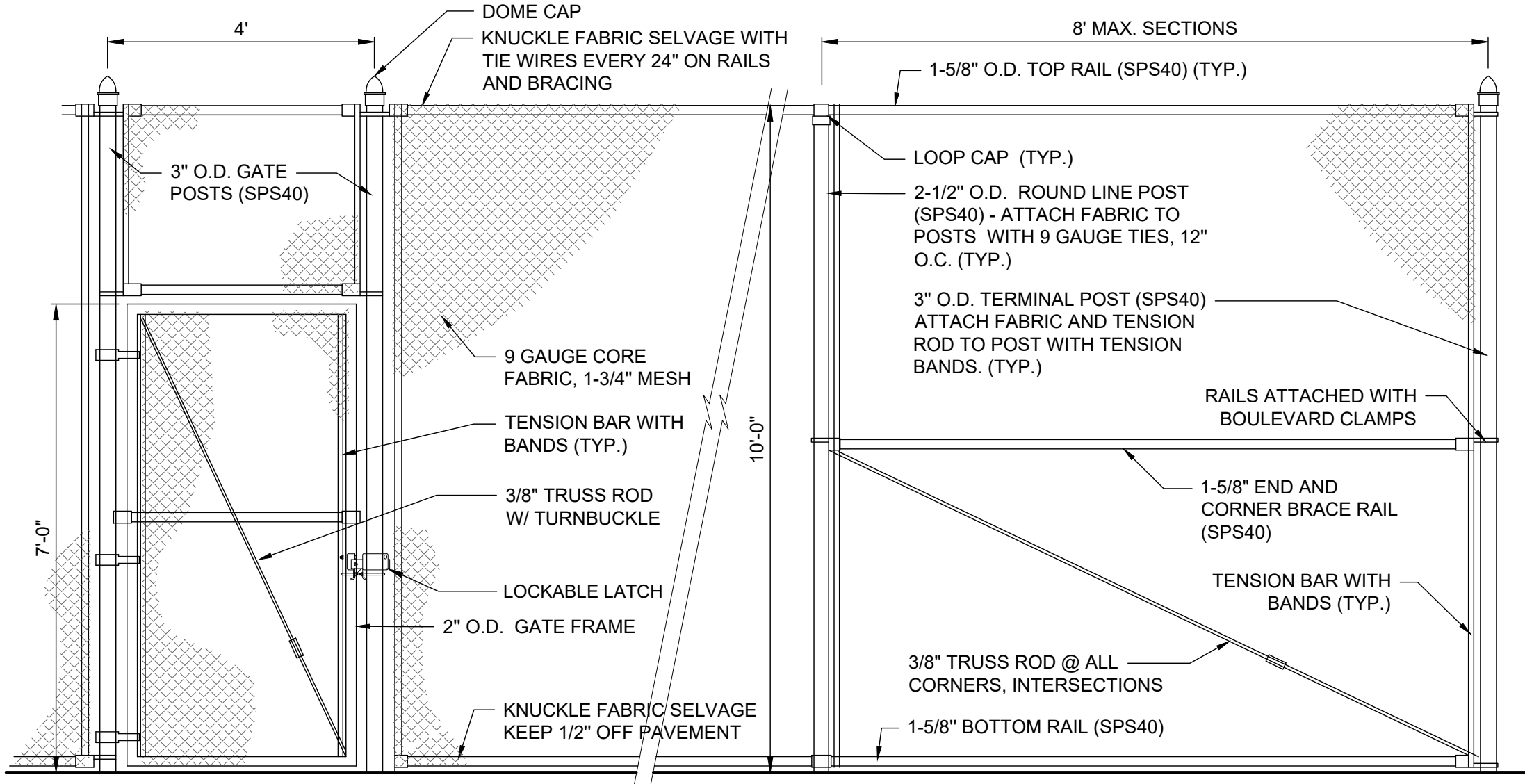
CONSTRUCTION DETAILS

PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	DET-3
SHEET	24
OF	28



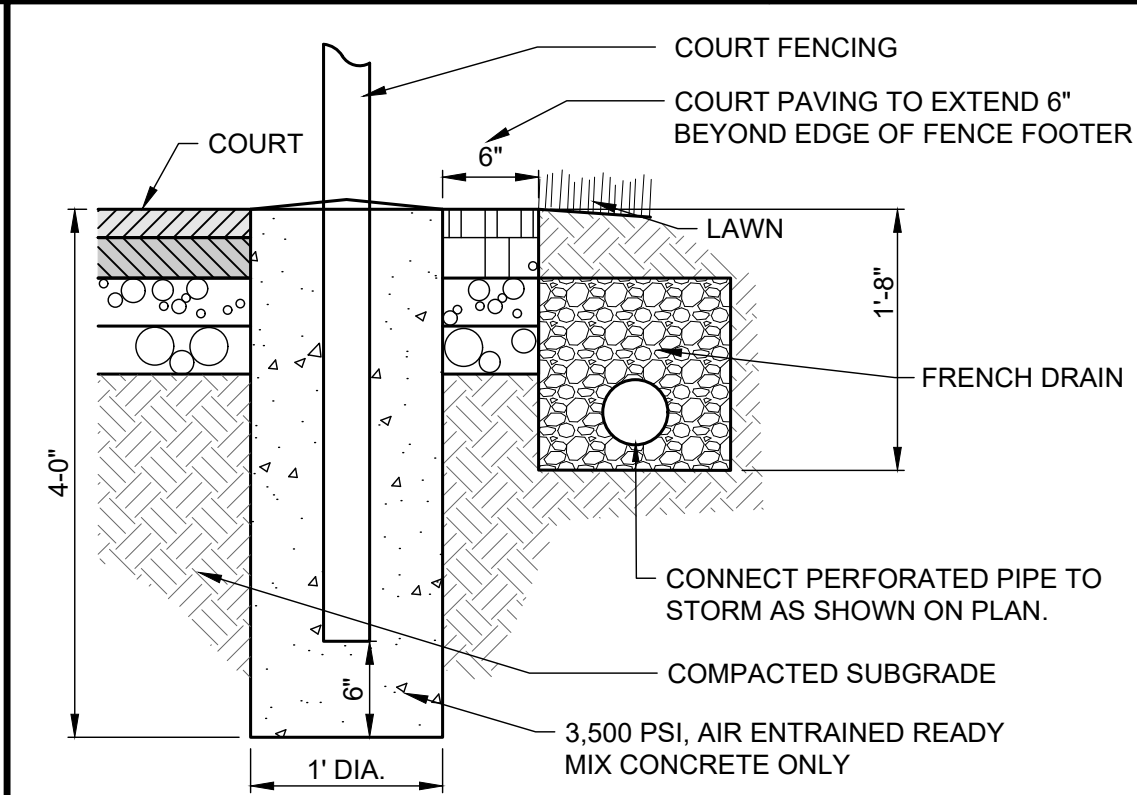
COURT NET AND POSTS DETAIL

NOT TO SCALE



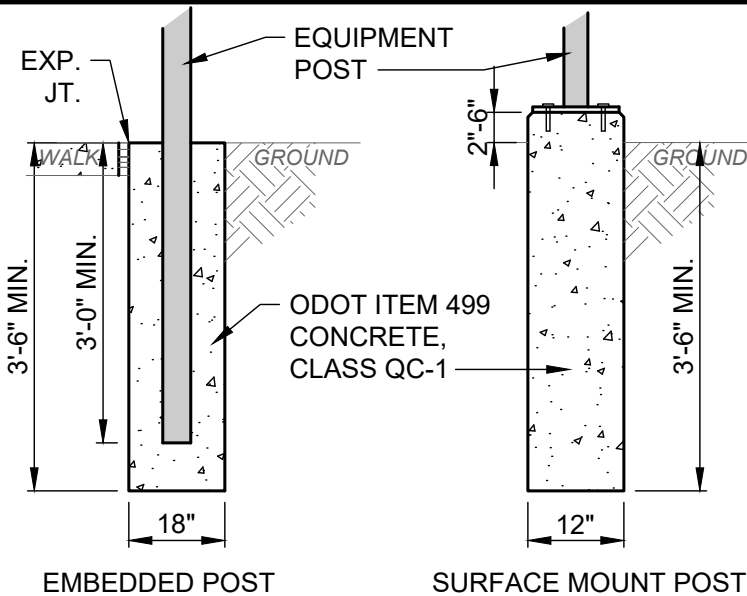
10' COURT FENCING DETAIL

NOT TO SCALE



10' FENCE FOOTER DETAIL

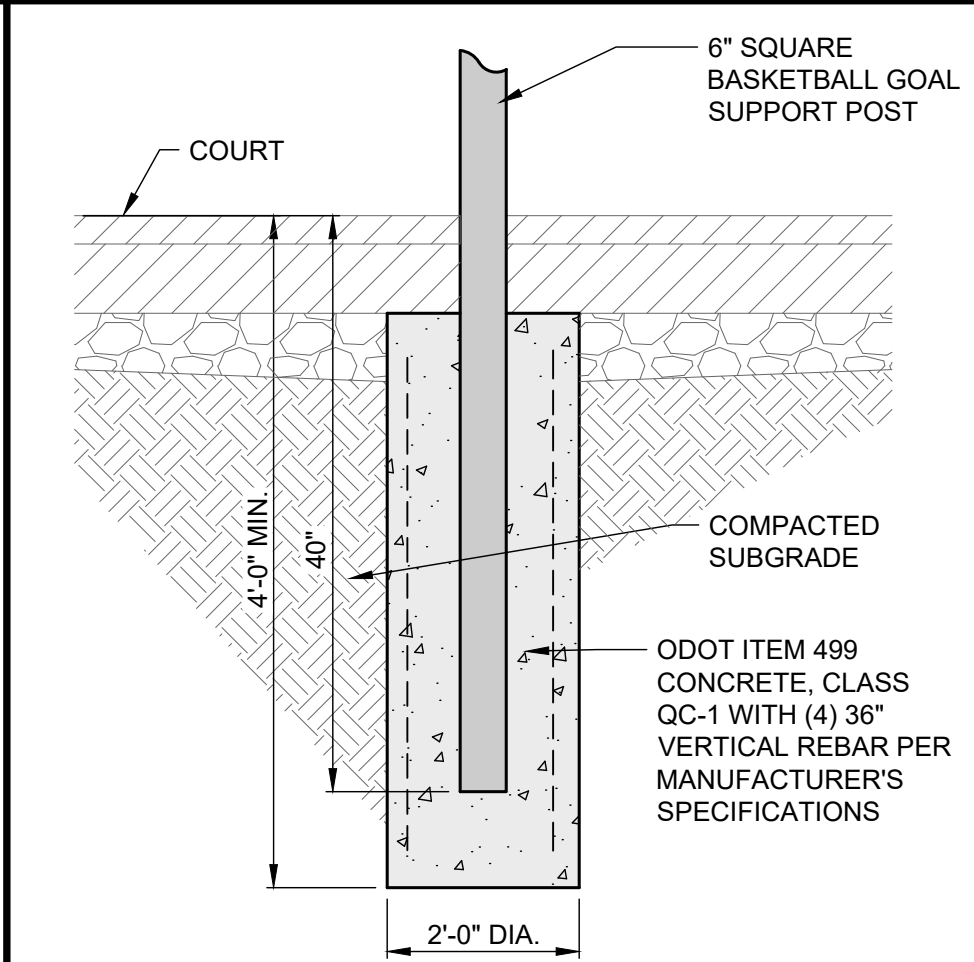
NOT TO SCALE



- NOTES:
1. ALL HARDWARE, CONNECTORS, BOLTS, NUTS, WASHERS, ETC. SHALL BE HOT-DIPPED ZINC COATED GALVANIZED STEEL PER ASTM A653.
 2. THIS DETAIL ARE GENERAL DIMENSION ONLY; SEE MANUFACTURER'S SPECIFICATIONS FOR ACTUAL DIMENSIONS, FASTENERS, MOUNTING, EXPOSED HEIGHT, CONFIGURATION, ETC.

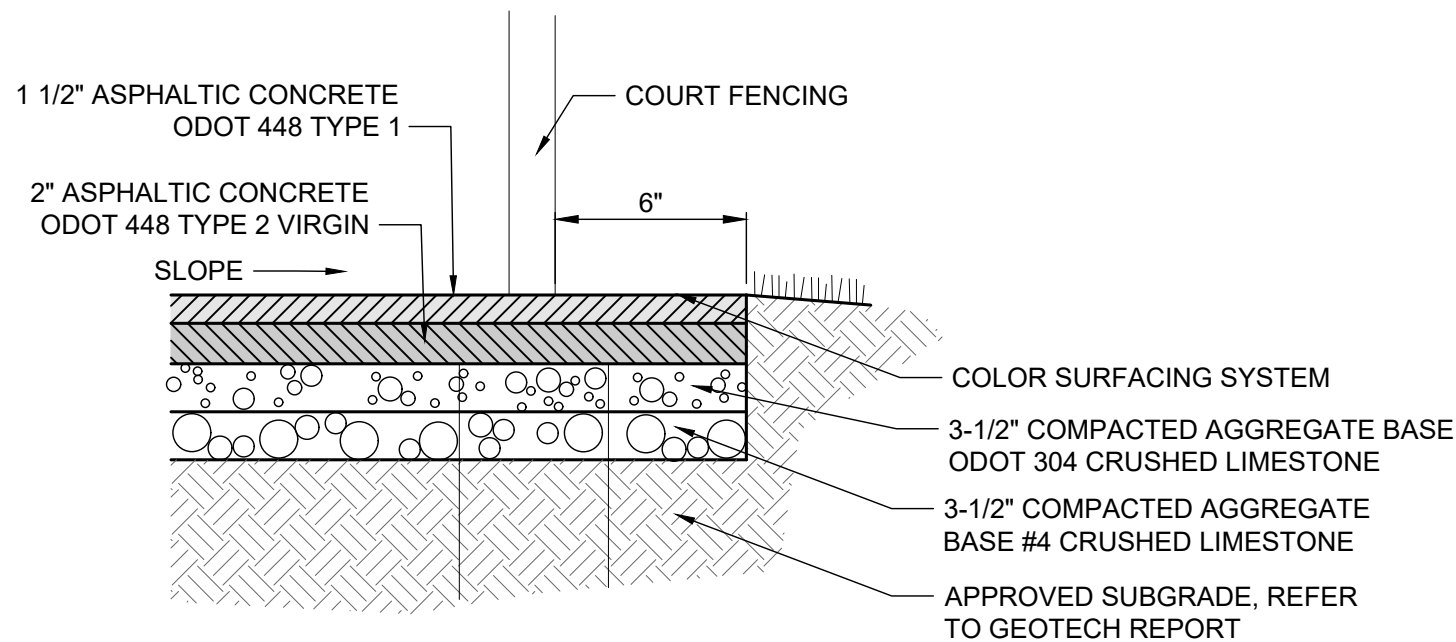
FURNISHING FOOTER DETAIL

SCALE: NONE



BASKETBALL POST FOOTER DETAIL

SCALE: NONE

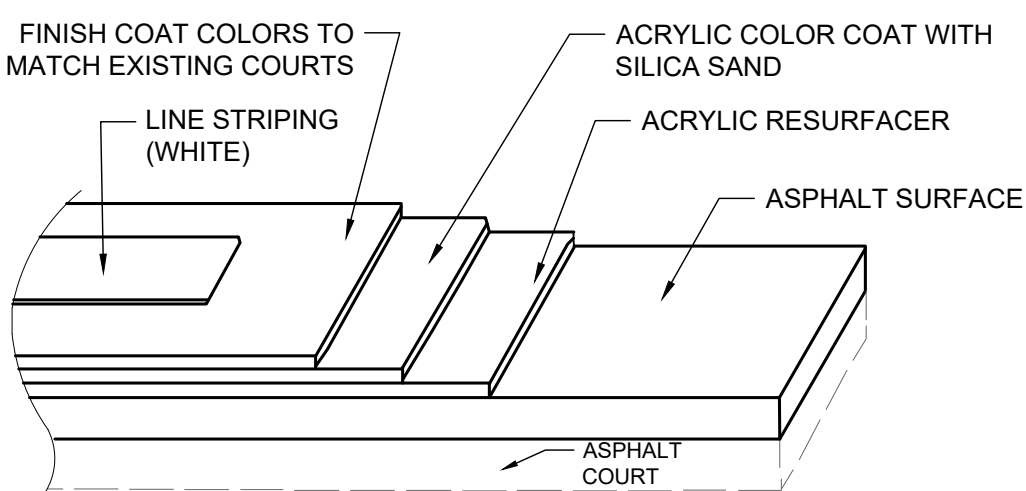


COURT SPECIFICATIONS:

1. SUBGRADE PREPARATION
THE SUBGRADE SHALL BE GRADED AND COMPACTED PER ACCEPTABLE INDUSTRY STANDARDS. ANY SUBGRADE AREA WHICH REQUIRES EMBANKMENT SHALL BE FIRST SCARIFIED BEFORE ANY FILL MATERIAL IS PLACED. SUBGRADE EMBANKMENT AND/OR FILL MATERIAL(S) SHALL BE FREE OF ORGANIC OR EXPANSIVE MATERIALS, AND OF PARTICLES GREATER THAN 1-1/2 INCHES IN DIMENSION. IT SHALL BE PLACED IN LIFTS NOT TO EXCEED SIX (6) INCHES IN THICKNESS AND COMPACTED TO A MINIMUM DENSITY OF 98% OF ASTM D698 STANDARD PROCTOR. THE MOISTURE CONTENT OF THE FILL SHALL BE REDUCED BY AERATION OR INCREASED BY ADDING WATER AS NECESSARY TO ATTAIN PROPER MOISTURE CONTENT FOR REQUIRED COMPACTION. COMPACTION OF EMBANKMENT AND/OR FILL MATERIALS SHALL BE BY USE OF A SHEEPSFOOT TYPE COMPACTOR. AT CONCLUSION OF SUBGRADE GRADING, THE ENTIRE AREA SHALL BE COMPACTED BY USE OF A SMOOTH DRUM VIBRATORY ROLLER WITH A STATIC WEIGHT OF NOT LESS THAN SIX TONS. THE SUBGRADE SHALL THEN BE GRADED AND ROLLED IN OPPOSITE DIRECTIONS, WITH THE FINAL ROLLING PASSES IN THE DIRECTION OF FINISH GRADE PITCH. COMPACTION OF THE ENTIRE SUBGRADE AREA SHALL BE TESTED FOR A MINIMUM DENSITY OF 98% OF ASTM D698 STANDARD PROCTOR. PRIOR TO INSTALLATION OF THE LIMESTONE BASE MATERIALS, ANY AREA OF THE SUBSURFACE DRAINAGE SYSTEM WHICH WAS COVERED BY SUBGRADE SOILS SHALL BE EXCAVATED TO EXPOSE THE AGGREGATE BACKFILL, AND ADDITIONAL AGGREGATE PER SPECIFICATION SHALL BE INSTALLED TO MEET DESIGN ELEVATIONS. PRIOR TO INSTALLATION OF THE LIMESTONE BASE, THE ENTIRE AREA SHALL BE PROOF-ROLLED USING A LOADED TANDEM AXLE DUMP TRUCK IN THE PRESENCE OF THE OWNER AND/OR OWNER'S REPRESENTATIVE.
2. LIMESTONE BASE CONSTRUCTION
UPON APPROVED AND COMPACTED SUBGRADE, INSTALL A TWO LAYER LIMESTONE BASE. THE #4 LIMESTONE BASE SHALL EXTEND OVER THE #57 WASHED GRAVEL SUB-SURFACE DRAINAGE SYSTEM AT THE LOW SIDE OF EACH COURT BATTERY AND ALSO AT THE TWO SLOPED SIDES OF EACH COURT BATTERY. THE ODOT ITEM #304 LIMESTONE SHALL EXTEND OVER THE #4 LIMESTONE AND PAST THE #4 LIMESTONE ON THE HIGH SIDE OF EACH COURT BATTERY. ALL BASE MATERIALS SHALL BE PLACED A MINIMUM OF 18" OUTSIDE OF THE PROPOSED FINISHED PAVED AREAS. FINE GRADE AND COMPACT TO DESIGN PITCH WITH A TOLERANCE NOT TO EXCEED 3/8" FROM DESIGN PITCH. COMPACTION OF EACH LIMESTONE BASE LAYER SHALL BE BY SMOOTH DRUM VIBRATORY ROLLER WITH A STATIC WEIGHT OF NOT LESS THAN SIX TONS.
3. ASPHALTIC CONCRETE
AGGREGATE MIX IN ASPHALT SHALL BE CRUSHED VIRGIN LIMESTONE. SLAG, GRAVEL, SHALE, OR RECYCLED ASPHALT WILL NOT BE PERMITTED. UPON A PROPERLY GRADED AND COMPACT LIMESTONE BASE, CONSTRUCT A TWO LAYER LIMESTONE AGGREGATE HOT PLANT MIX ASPHALT STRUCTURAL SURFACE. THE FIRST LAYER SHALL BE ODOT ITEM #448, TYPE II HOT PLANT MIX ASPHALT. THE FINISH LAYER SHALL BE ODOT ITEM #448, TYPE I VIRGIN LIMESTONE MIX ASPHALT WITH EITHER MANUFACTURED SAND OR LIMESTONE SAND FINE AGGREGATE. NO RECYCLED ASPHALT, SLAG, SHALE, NATURAL SAND, OR GRAVEL SHALL BE INCORPORATED INTO THE VIRGIN LIMESTONE MIX ASPHALT SPECIFIED. JOB MIX DESIGNS FOR THE ODOT ITEM #448, TYPE I AND TYPE II HOT PLANT MIX ASPHALT SHALL BE REQUIRED FROM THE ASPHALT PLANT SUPPLYING THE ASPHALT FOR THIS PROJECT. ALL ASPHALT LAYERS SHALL BE INSTALLED BY USE OF A SELF-PROPELLED ASPHALT PAVER WITH A MINIMUM FOUR TON HOPPER. POWER AND/OR DRAG BOXES ARE NOT ACCEPTABLE. BREAKDOWN ROLLING SHALL BE WITH A MINIMUM 3 TO 5 TON TANDEM STEEL WHEEL ROLLER WITH A FUNCTIONING WATERING SYSTEM. FINISH ROLLING SHALL BE WITH A MINIMUM 1.5 TON TANDEM STEEL WHEEL ROLLER WITH A FUNCTIONING WATERING SYSTEM. THE NEW ASPHALT SURFACE SHALL BE PROTECTED FROM DAMAGE BY ALL SUBSEQUENT OPERATIONS OF THE PRIME CONTRACTOR. ANY DAMAGE TO SURFACE PRIOR TO PROJECT COMPLETION SHALL BE REPAIRED BY PRIME CONTRACTOR AT HIS EXPENSE.
4. COLOR FINISH COURSE
A. NEW ASPHALT MUST BE PROPERLY CURED A MINIMUM OF 30 DAYS PRIOR TO FINISHING.
B. ALL NET POST SLEEVES, CENTER STRAP ANCHORS, AND FENCING SHALL BE INSTALLED PRIOR TO THE APPLICATION OF ANY SURFACING MATERIALS.
C. THE CONTRACTOR MAY REMOVE EXISTING FENCE, GATES, AND OTHER APPURTENANCES TO FACILITATE INGRESS AND EGRESS OF EQUIPMENT, AND MATERIALS AND INSTALLATION OF THE WORK.
D. THE AREAS TO BE TREATED SHALL BE CLEANED OF ALL OILS, DIRT, OR OTHER FOREIGN MATTER.
E. FINAL SURFACE INSPECTION: PRIOR TO APPLICATION OF A COLOR FINISH SYSTEM THE COURT SURFACE SHALL BE FLOODED WITH WATER AND ALLOWED TO DRAIN. ANY DEPRESSIONS THEREUPON HOLDING WATER DEEPER THAN ONE-EIGHTH INCH (1/8") SHALL BE PATCHED AND LEVELED IN ACCORDANCE WITH RECOMMENDATIONS OF THE MANUFACTURER OF THE COLOR FINISH MATERIAL SPECIFIED HEREINAFTER.
F. COLOR FINISH MATERIAL: 3 COAT 100% ACRYLIC COLOR SURFACING SYSTEM. COLORS SHALL MATCH EXISTING COURTS AS APPROVED BY THE OWNER. ALL MIXING APPLICATIONS SHALL BE PER MANUFACTURER'S SPECIFICATIONS.
G. 3 APPLICATION COATS:
1) ACRYLIC RESURFACER WITH SILICA SAND ADDED - ONE (1) COAT APPLIED PER MFG. SPECIFICATIONS.
2) 2 & 3. TEXTURED ACRYLIC COLOR COATS WITH SILICA SAND ADDED BY THE MANUF. OF THE COLOR SURFACING PRODUCT. APPLIED PER MFG. SPECIFICATIONS.
H. PLAYING LINES: TEXTURED WHITE ACRYLIC LINE PAINT. BASE LINES SHALL BE NOT MORE THAN FOUR INCHES (4") WIDE AND PLAYING LINES NOT MORE THAN TWO INCHES (2") WIDE. LINES ON TENNIS COURTS SHALL BE ACCURATELY LOCATED AND MARKED IN ACCORDANCE WITH RULES OF THE UNITED STATES TENNIS ASSOCIATION.

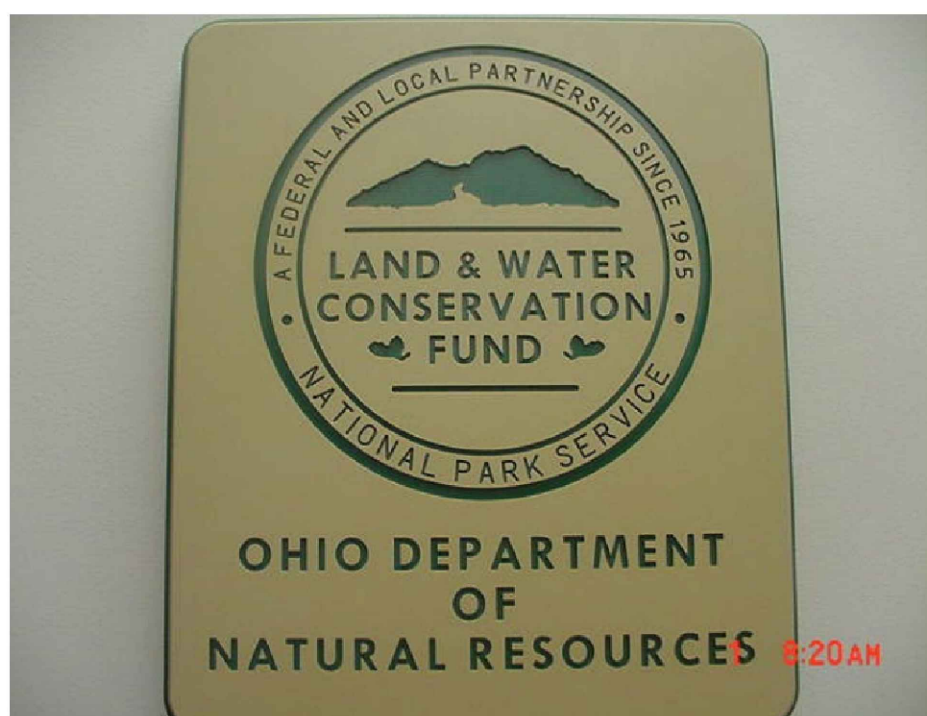
COURT PAVEMENT DETAIL

NOT TO SCALE



COURT SURFACE TREATMENT DETAIL

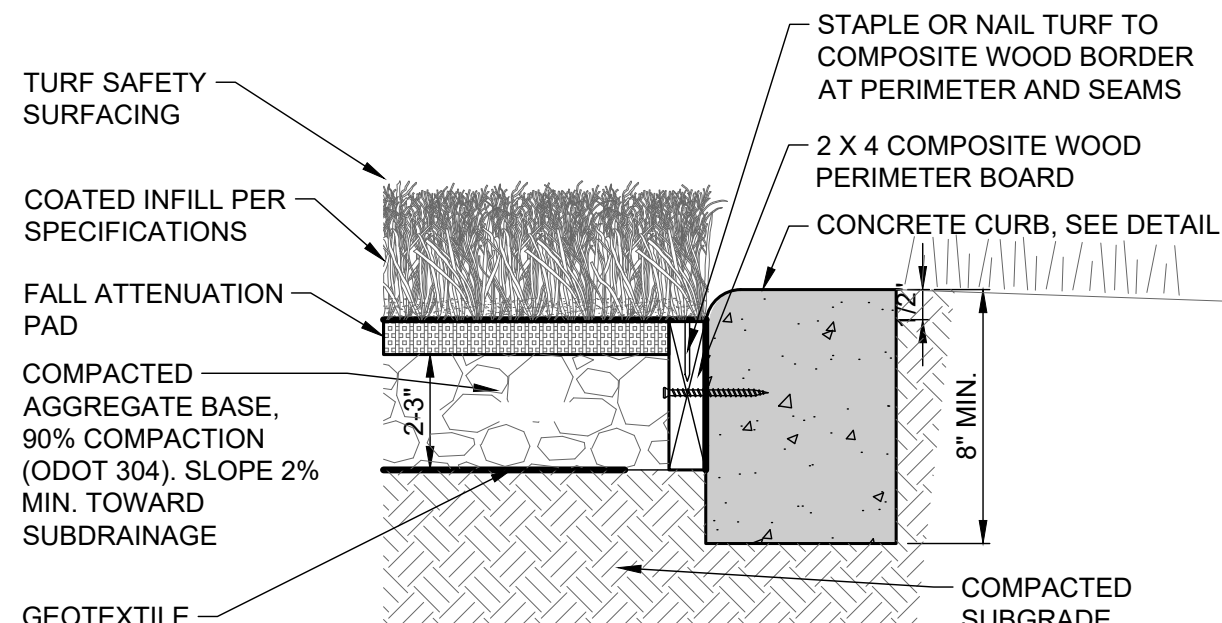
NOT TO SCALE



- NOTES
1. ATTACH SIGN TO THE SHELTER IN LOCATION APPROVED BY THE OWNER

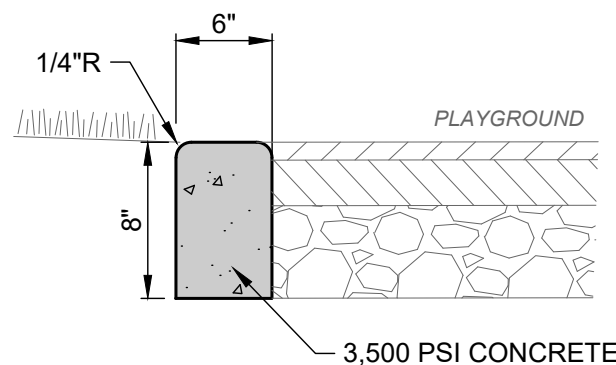
NATUREWORKS SIGN DETAIL

NOT TO SCALE



TURF SAFETY SURFACE DETAIL

NOT TO SCALE



- NOTES:
1. INSTALL 1/2" PREFORMED JOINT MATERIAL AND USE DOWELS INTO COLD JOINTS TOP AND BOTTOM WHERE NEW CURB MEETS EXISTING CURB.
 2. PROVIDE CONTRACTION JOINTS AT 10' O.C.
 3. APPLY LIQUID-MEMBRANE CURING COMPOUND.

PLAYGROUND FLUSH CURB DETAIL

SCALE: NONE



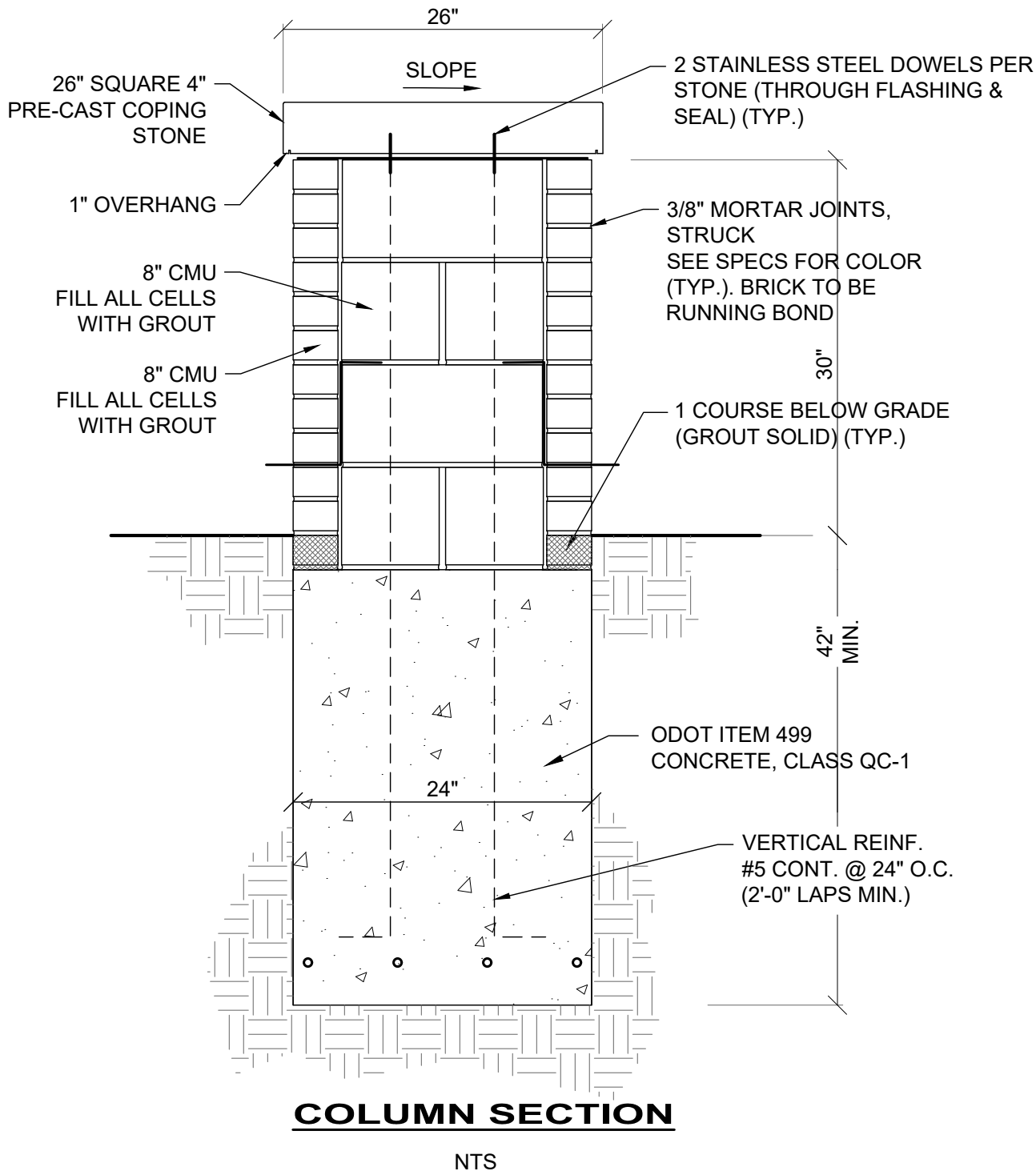
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DATE	REVISION	NO	BID #8P	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
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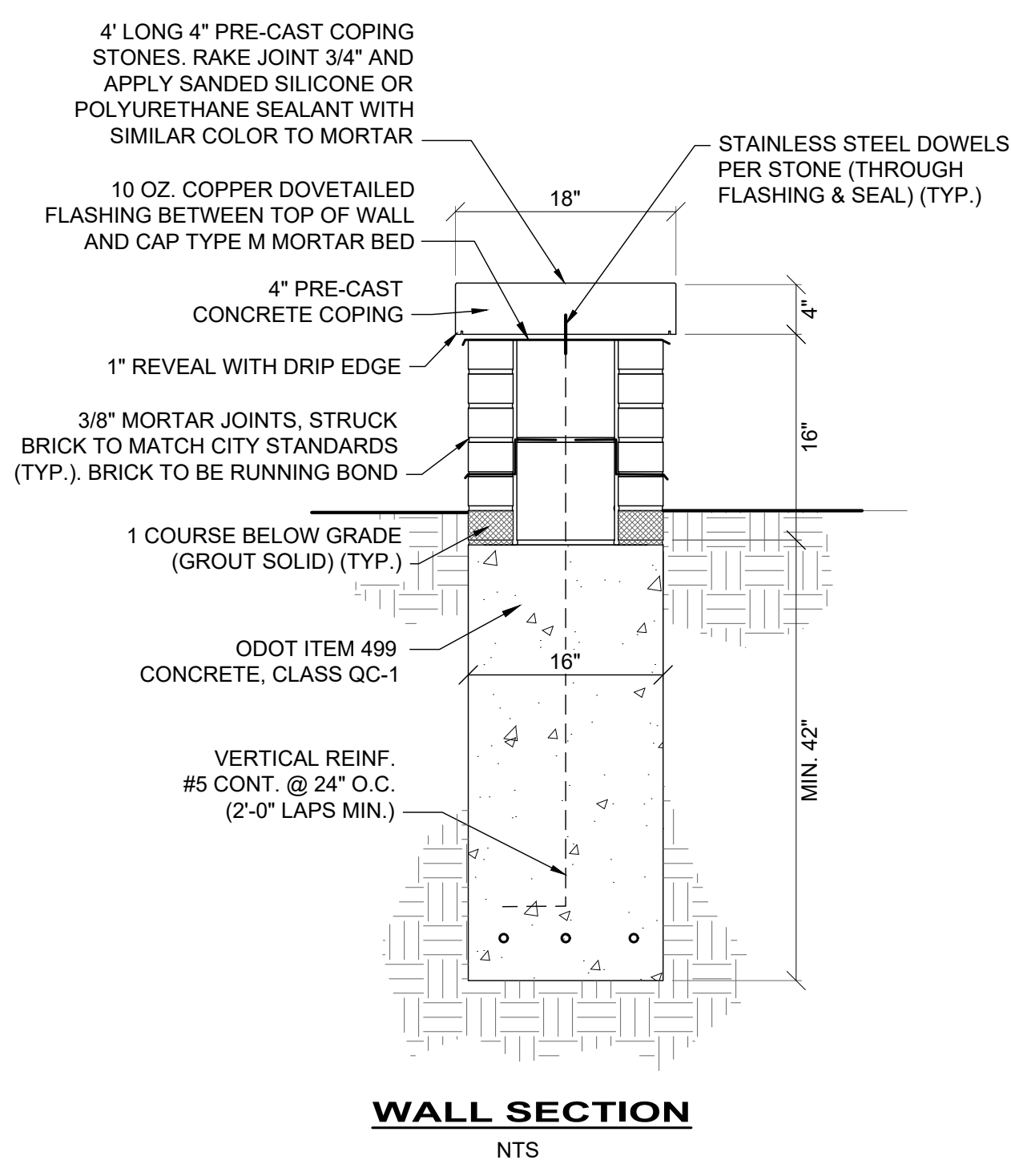
J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST.,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

CONSTRUCTION DETAILS

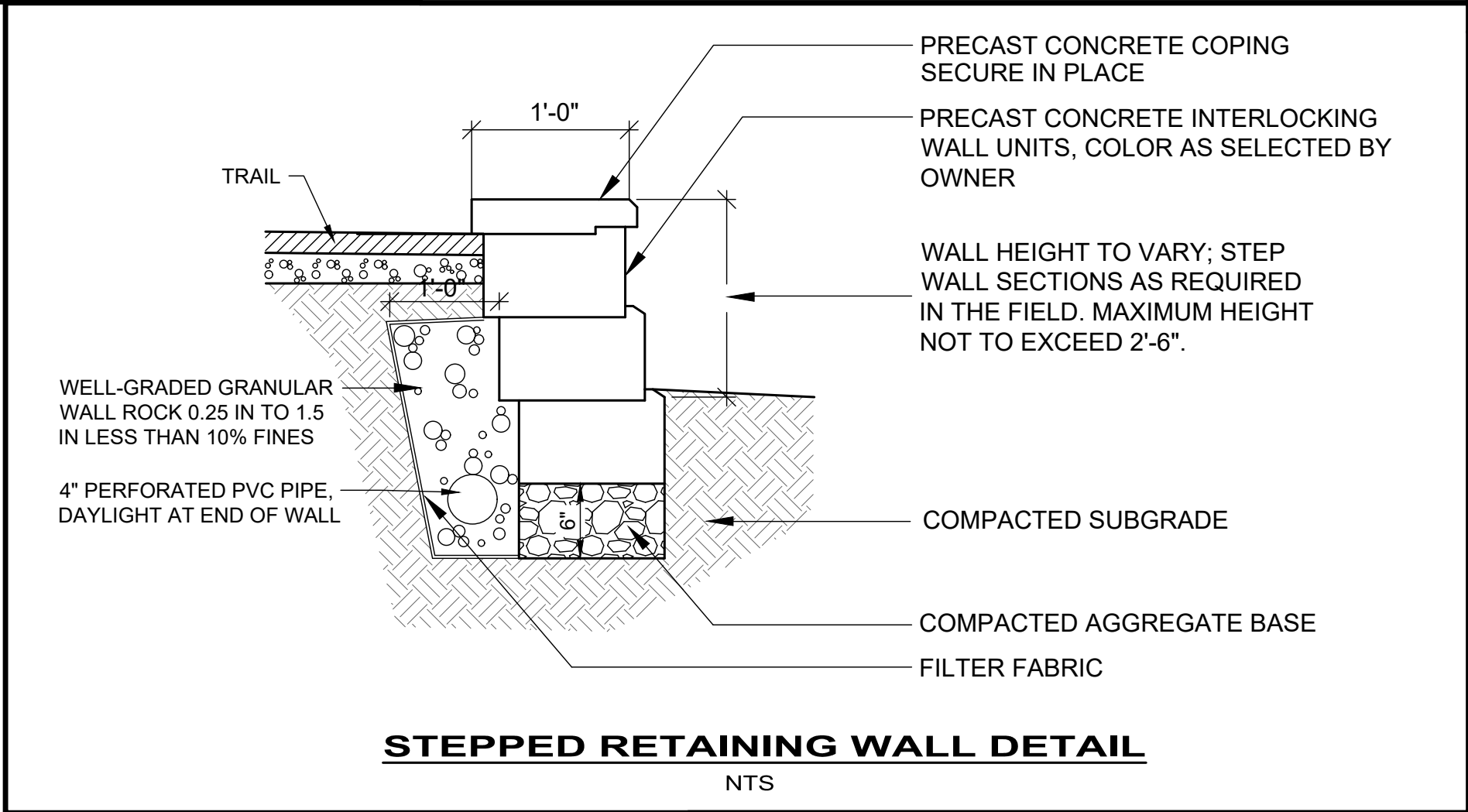
PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	DET-4
SHEET	25
OF	28



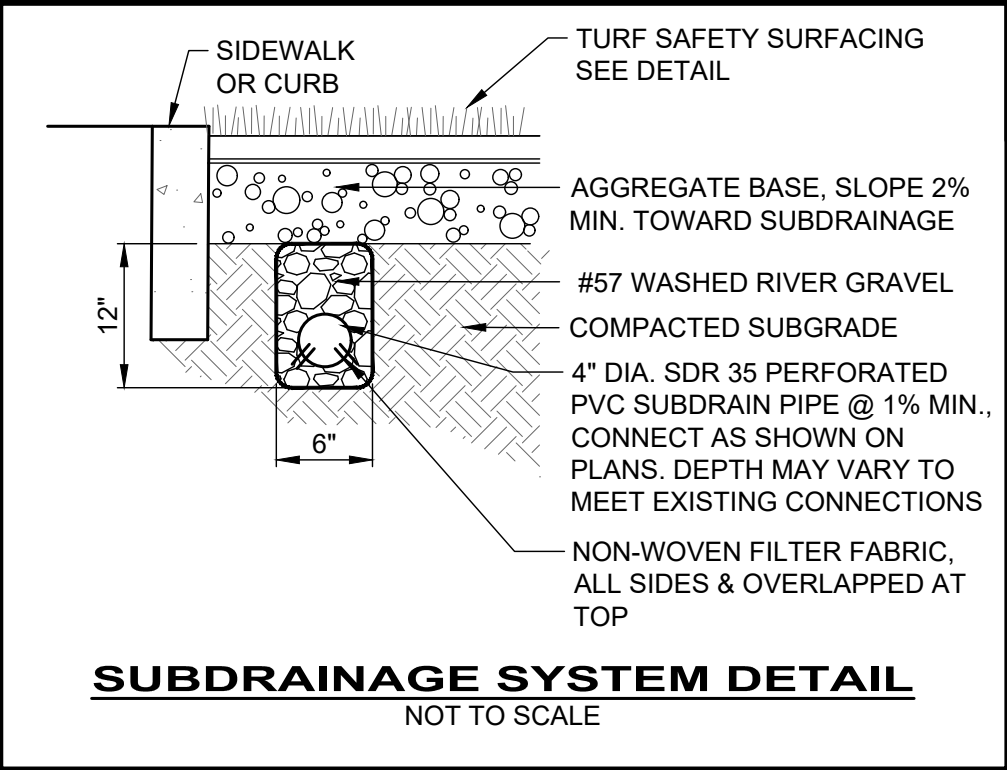
COLUMN SECTION
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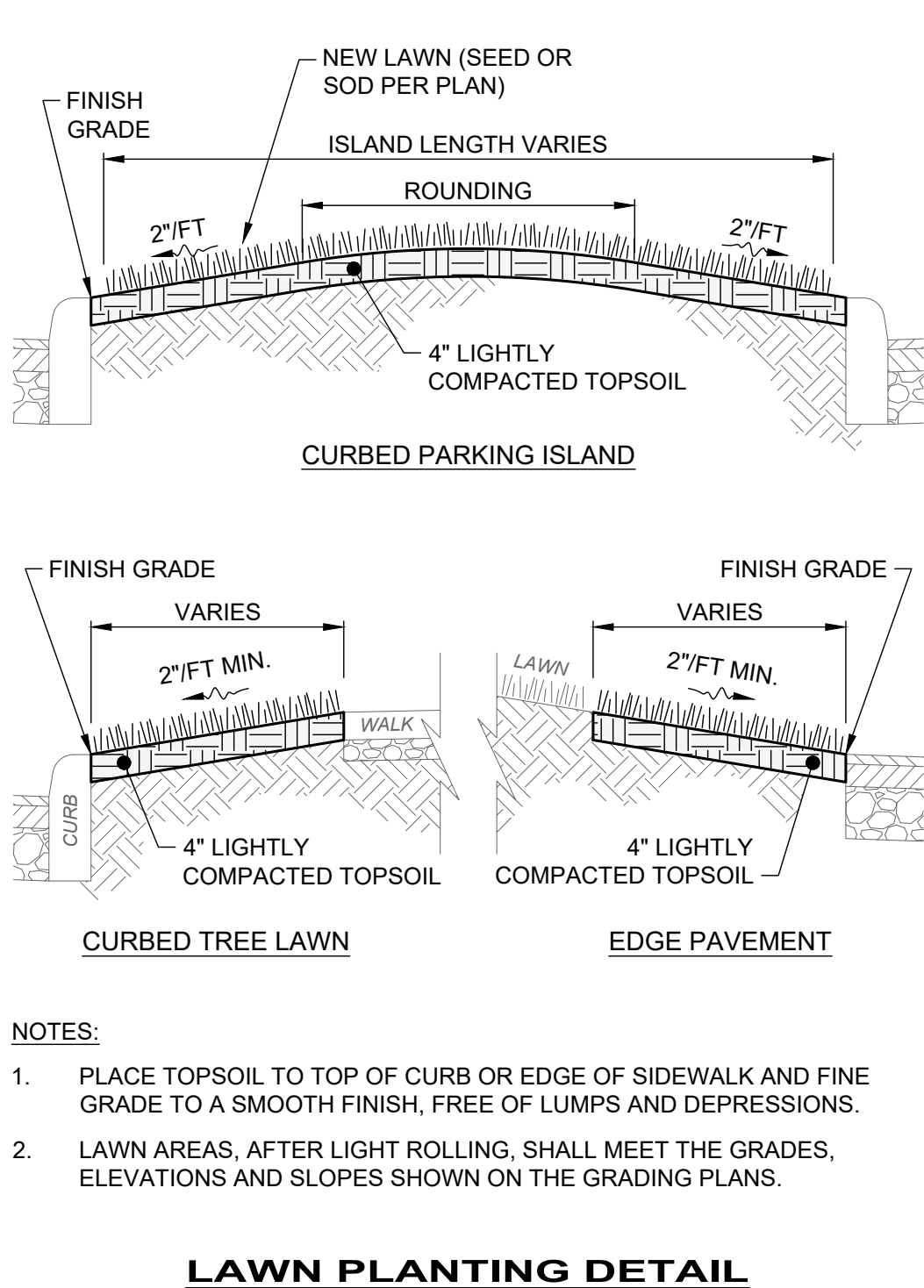
WALL SECTION
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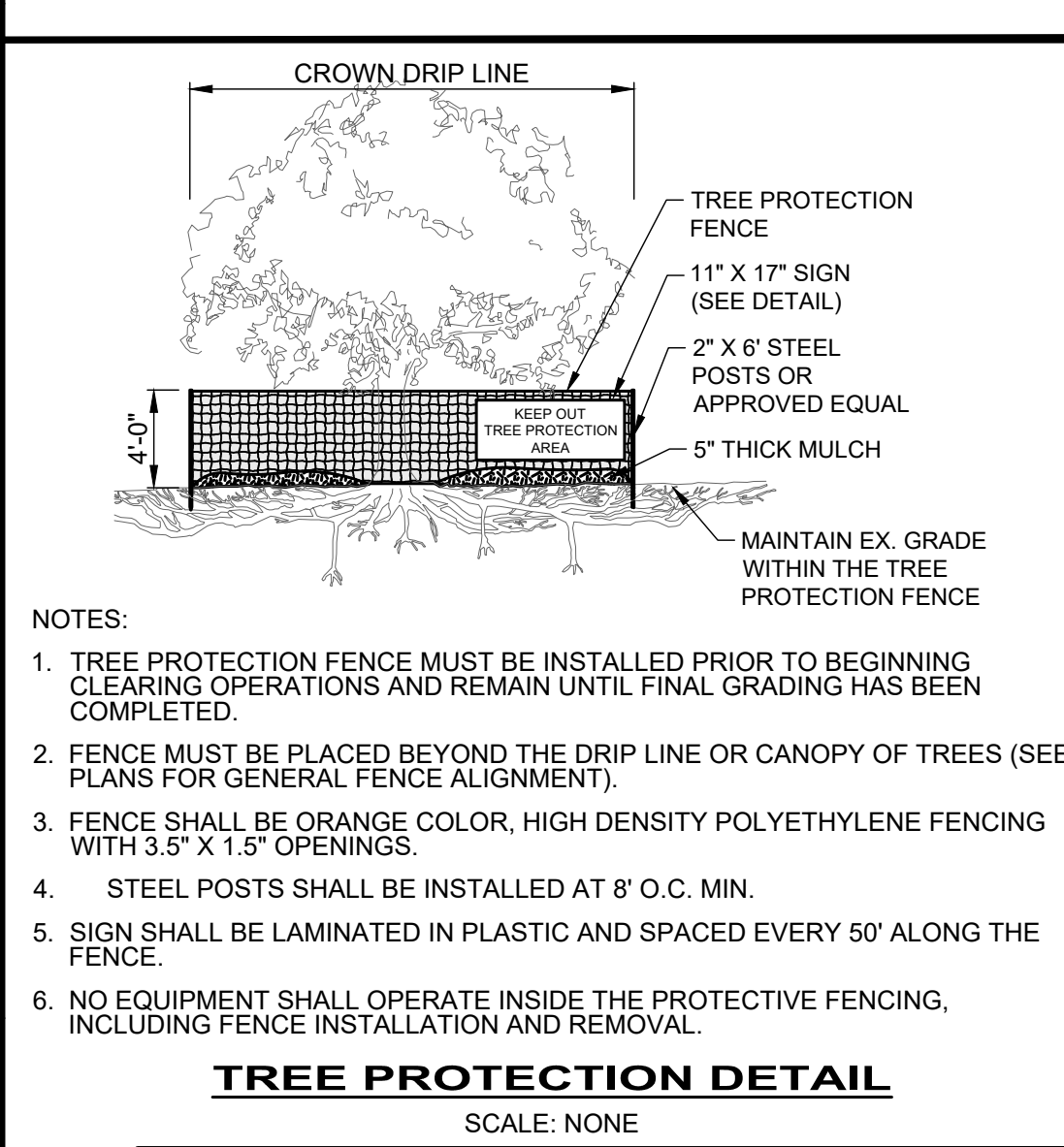
STEPPED RETAINING WALL DETAIL
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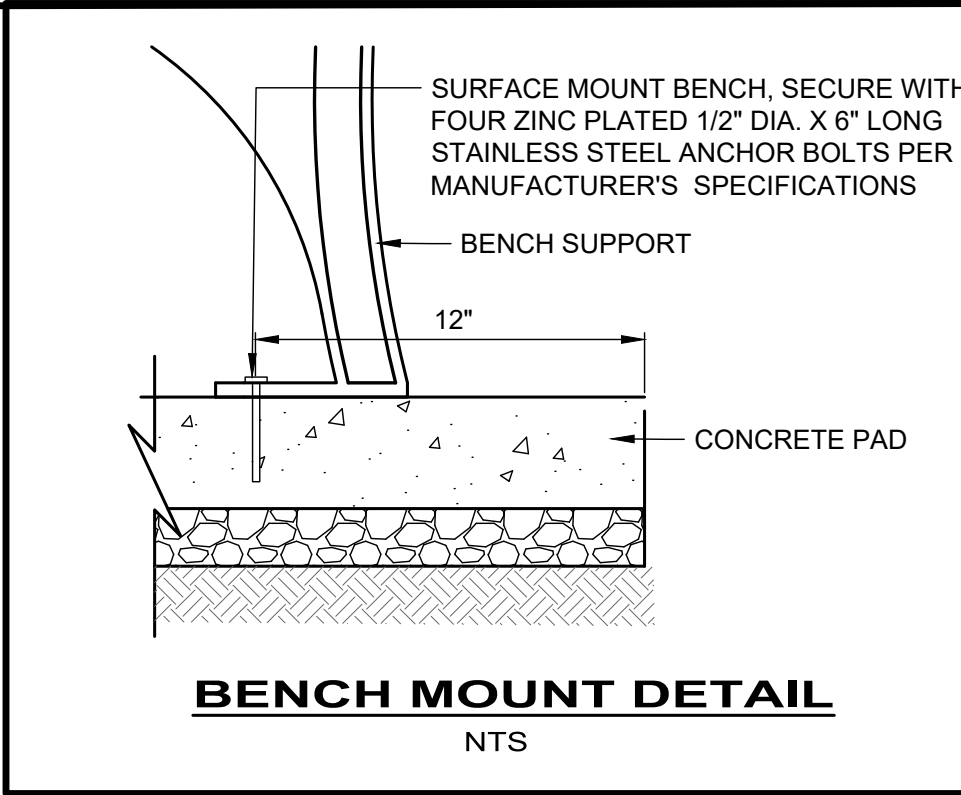
SUBDRAINAGE SYSTEM DETAIL
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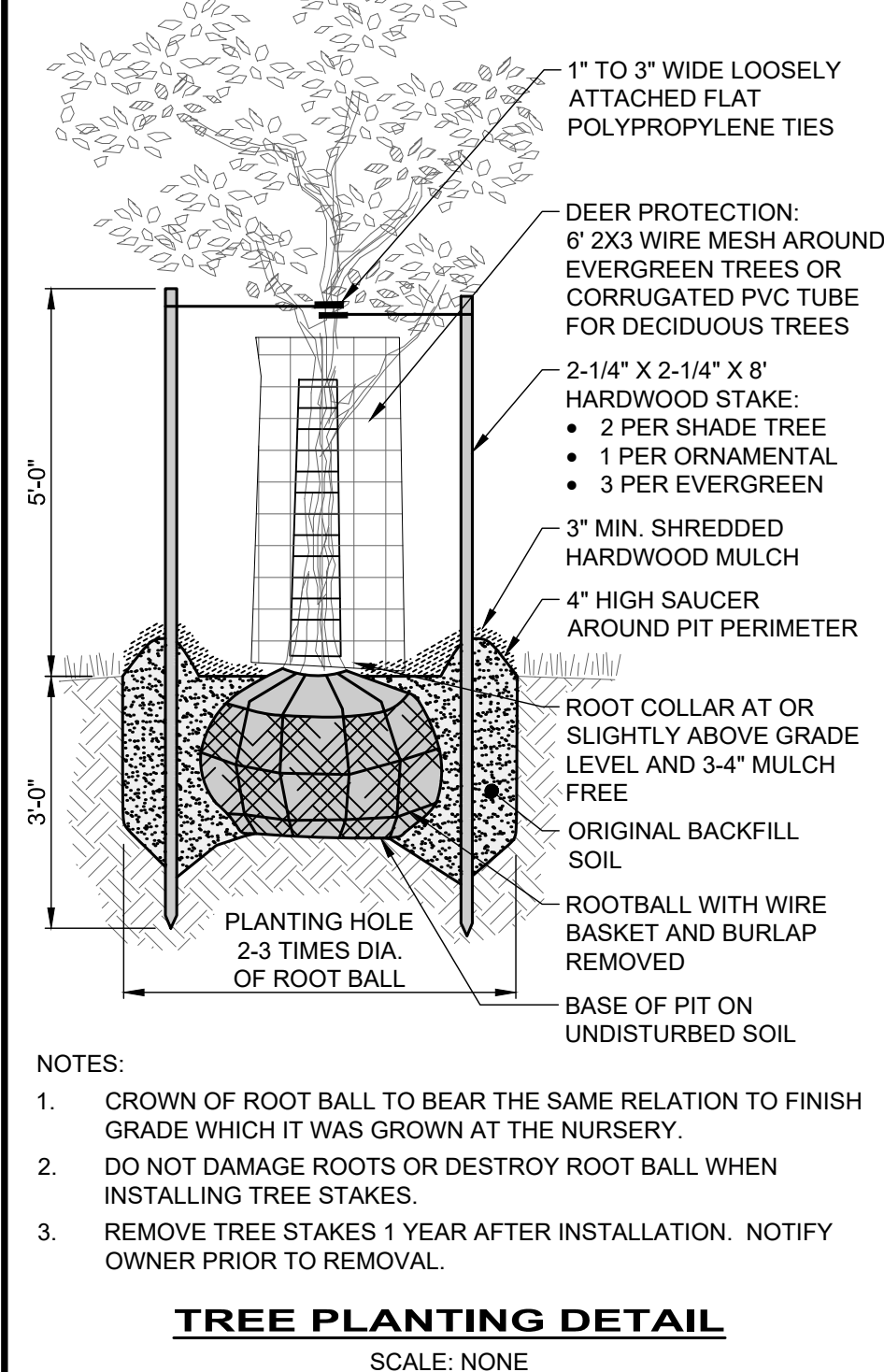
LAWN PLANTING DETAIL
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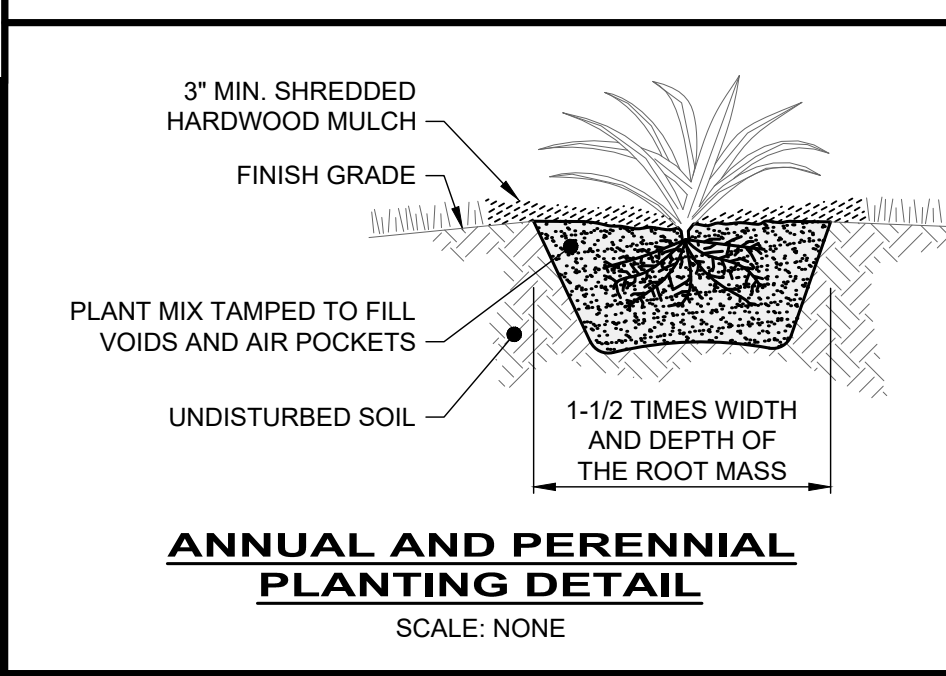
TREE PROTECTION DETAIL
SCALE: NONE



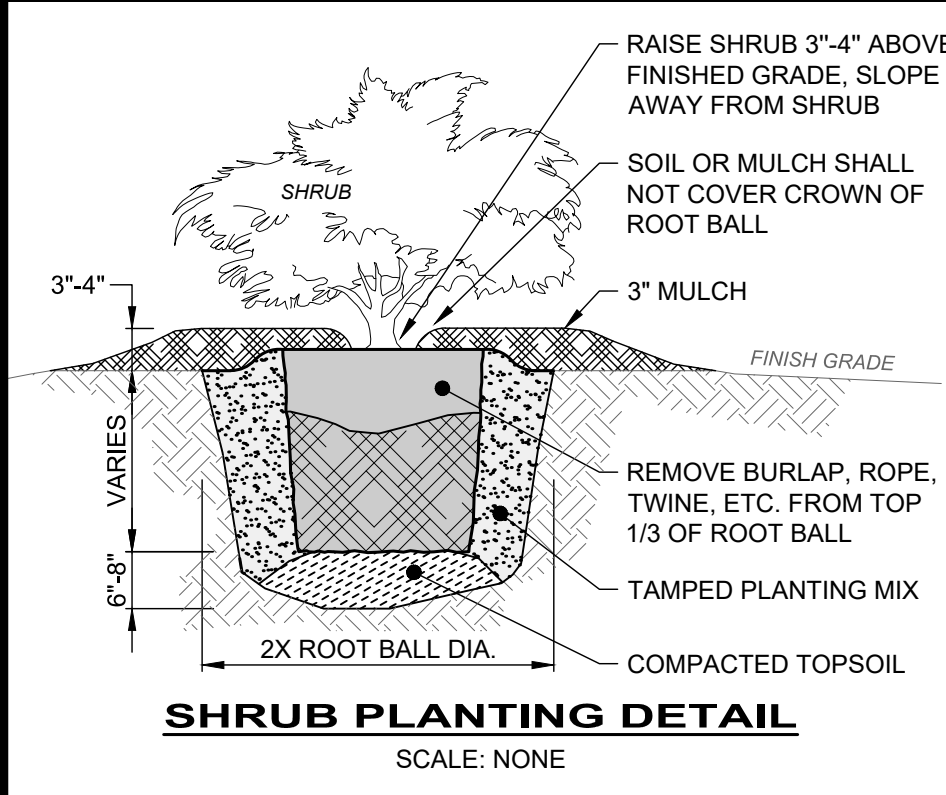
BENCH MOUNT DETAIL
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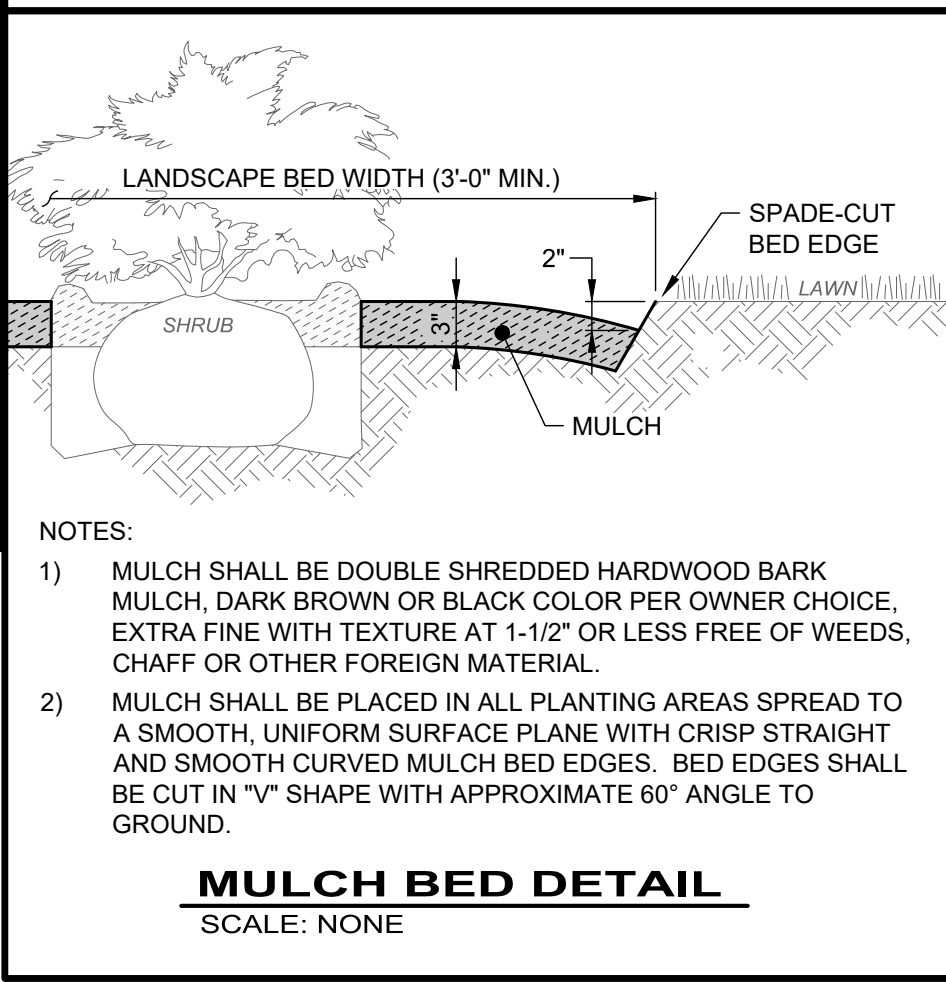
TREE PLANTING DETAIL
SCALE: NONE



ANNUAL AND PERENNIAL PLANTING DETAIL
SCALE: NONE



SHRUB PLANTING DETAIL
SCALE: NONE



MULCH BED DETAIL
SCALE: NONE

STATE OF OHIO
RICHARD R. WASHINGTON
9400794
REGISTERED
LANDSCAPE ARCHITECT
Richard Washington, License #794
Expiration Date 12/31/2026

verdantas

DATE	REVISION	NO	BID SHOP	ISSUED FOR	ISSUE DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
					11/19/25	AS SHOWN	RW, JC	CZ	RW, JC

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST.,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

CONSTRUCTION DETAILS

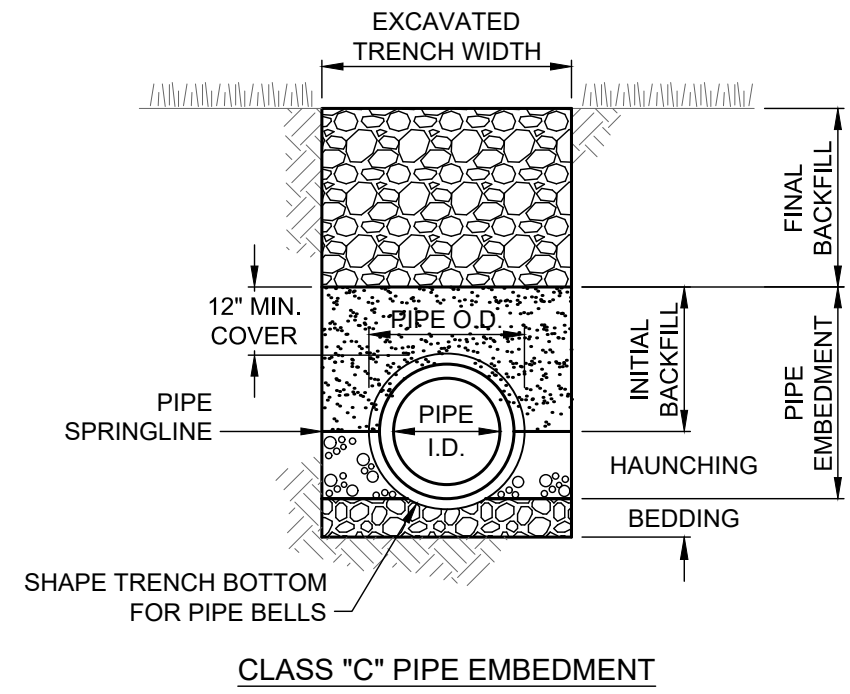
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241545

DISCIPLINE
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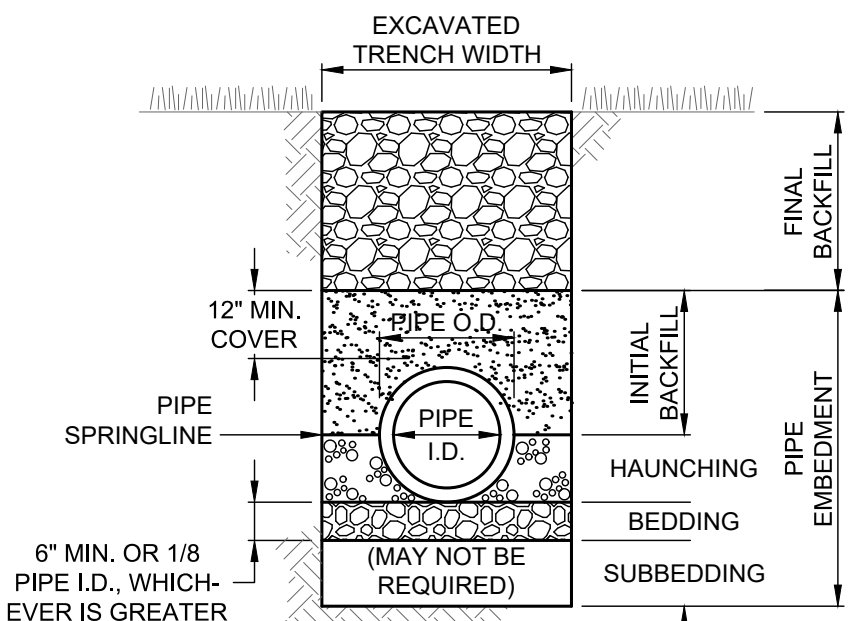
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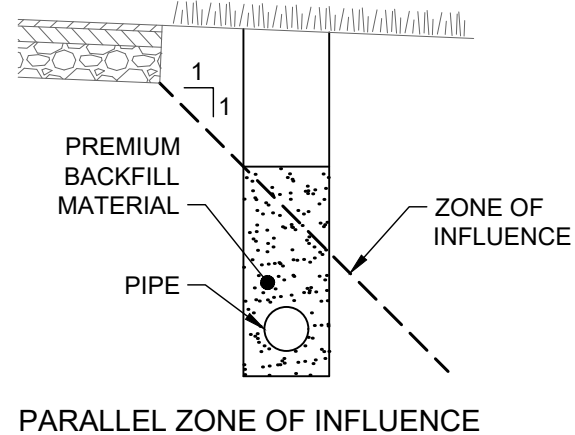
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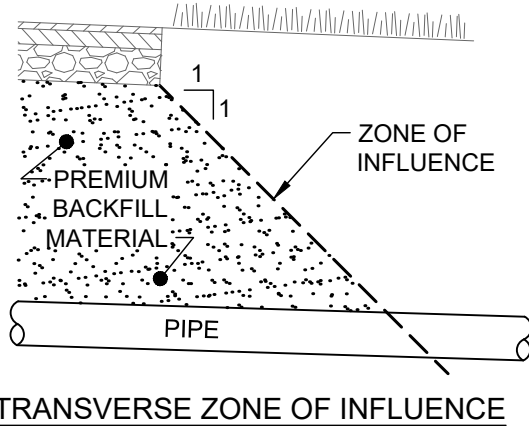
CLASS "C" PIPE EMBEDMENT



CLASS "B" PIPE EMBEDMENT



PARALLEL ZONE OF INFLUENCE

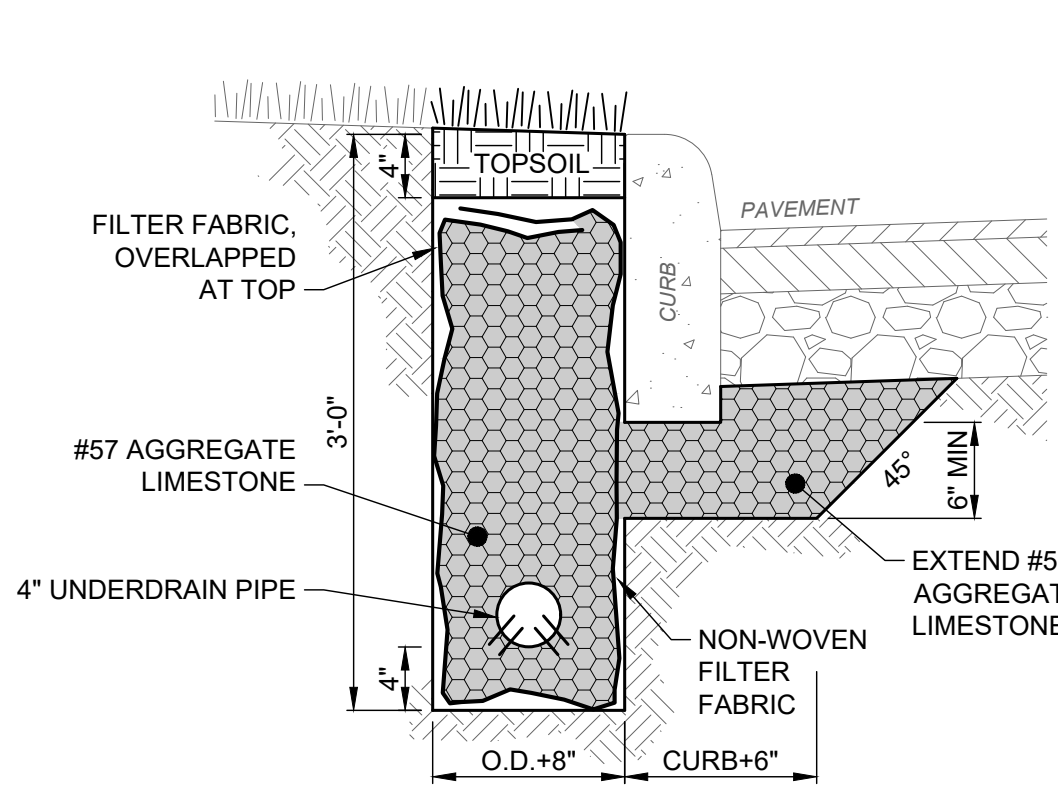


TRANSVERSE ZONE OF INFLUENCE

- NOTES:
- EXCAVATED TRENCH WIDTH: MEASURED FROM BOTTOM OF TRENCH TO 12" OVER TOP OF PIPE (WITHIN THE PIPE EMBEDMENT). THE MIN. TRENCH WIDTH SHALL BE O.D. + 18" AND THE MAX. SHALL BE:
 - O.D. + 24" FOR 24" AND SMALLER I.D. PIPE
 - O.D. + 30" FOR 27" THRU 54" I.D. PIPE
 - O.D. + 48" FOR 60" AND LARGER I.D. PIPE
 - FINAL BACKFILL: ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE SHALL BE PREMIUM BACKFILL (ODOT ITEM 304 LIMESTONE). PAVEMENT INCLUDES ROADWAY, SHOULDER AND DRIVEWAY, BUT NOT SIDEWALK. NO SLAG OR SLACKER AGGREGATES ALLOWED. IN ALL OTHER AREAS, FINAL BACKFILL SHALL BE SUITABLE ON-SITE MATERIAL. BACKFILL SHALL BE COMPACTED TO 98% MAXIMUM DRY DENSITY OF STANDARD PROCTOR WITH MOISTURE CONTENT ADJUSTED TO +2/-2% OF OPTIMUM.
 - PIPE EMBEDMENT:
CLASS "B": SHALL BE USED FOR ALL PIPES UNLESS OTHERWISE NOTED ON THE PLANS. BEDDING AND HAUNCHING SHALL BE NO. 8 OR 57 COURSE INTERLOCKING LIMESTONE AGGREGATE. IN AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE, THE INITIAL BACKFILL SHALL BE NO. 57 COURSE INTERLOCKING LIMESTONE AGGREGATE. IN ALL OTHER AREAS, THE INITIAL BACKFILL MAY BE SUITABLE ON-SITE MATERIAL FOR RIGID PIPE, AND SHALL BE NO. 57 COURSE INTERLOCKING LIMESTONE AGGREGATE FOR FLEXIBLE PIPE.
CLASS "C": SHALL BE USED ONLY FOR DUCTILE IRON WATER MAIN OR FORCE MAIN. THE PIPE EMBEDMENT SHALL BE NO. 57 COURSE INTERLOCKING LIMESTONE AGGREGATE IN ALL AREAS UNDER PAVEMENT, STRUCTURES OR WITHIN THE ZONE OF INFLUENCE. IN ALL OTHER AREAS, THE PIPE EMBEDMENT SHALL BE SUITABLE ON-SITE MATERIAL. BEDDING IS NOT REQUIRED, WHERE ROCK OR SHALE IS ENCOUNTERED, BEDDING SHALL BE 6" MIN. OF NO. 57 COURSE INTERLOCKING LIMESTONE AGGREGATE OR SAND.
 - SUBBEDDING: WHERE AN UNSTABLE TRENCH BOTTOM CONDITION IS ENCOUNTERED, EXCAVATE TO A DEPTH REQUIRED BY THE ENGINEER AND REPLACE WITH MATERIAL AS DIRECTED BY THE ENGINEER.
 - CLAY TRENCH DAMS SHALL BE REQUIRED FOR EACH LATERAL UPSTREAM OF EVERY MANHOLE OR AS SHOWN ON THE PLANS.

TRENCHING, EMBEDMENT AND BACKFILL DETAIL

SCALE: NONE

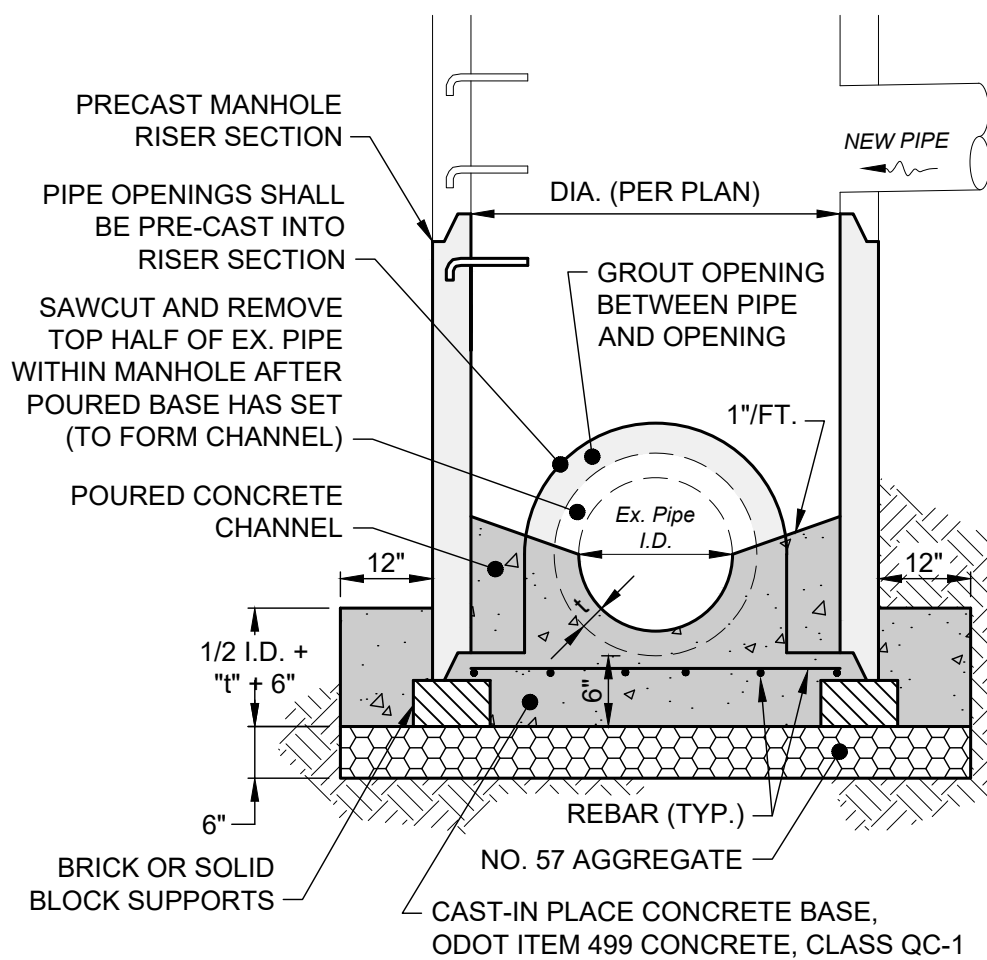


NOTES:

- THIS DETAIL SHOWS A 6" WIDE CURB FOR REFERENCE ONLY. SEE SITE PLAN FOR TYPE OF CURB AND ACTUAL WIDTH.
- AGGREGATE MUST EXTEND UNDER AND BEYOND THE CURB TO MEET THE PAVEMENT SUBBASE AND ALLOW SUB-DRAINAGE.
- FILTER FABRIC SHALL BE ODOT 712.09 TYPE "A".
- REMOVE OR COMPACT ALL LOOSE EXCAVATION AT BOTTOM OF TRENCH BEFORE INSTALLING AGGREGATE.
- MAINTAIN POSITIVE DRAINAGE OF PIPE INVERTS WITH NO DIPS OR HUMPS IN FLOW LINE.
- UNDERDRAIN SHALL BE PERFORATED PVC SDR 35 PIPE WITH PERFORATIONS TURNED DOWN OR HDPE SINGLE WALL CORRUGATED PIPE.

CURB UNDERDRAIN DETAIL

SCALE: NONE

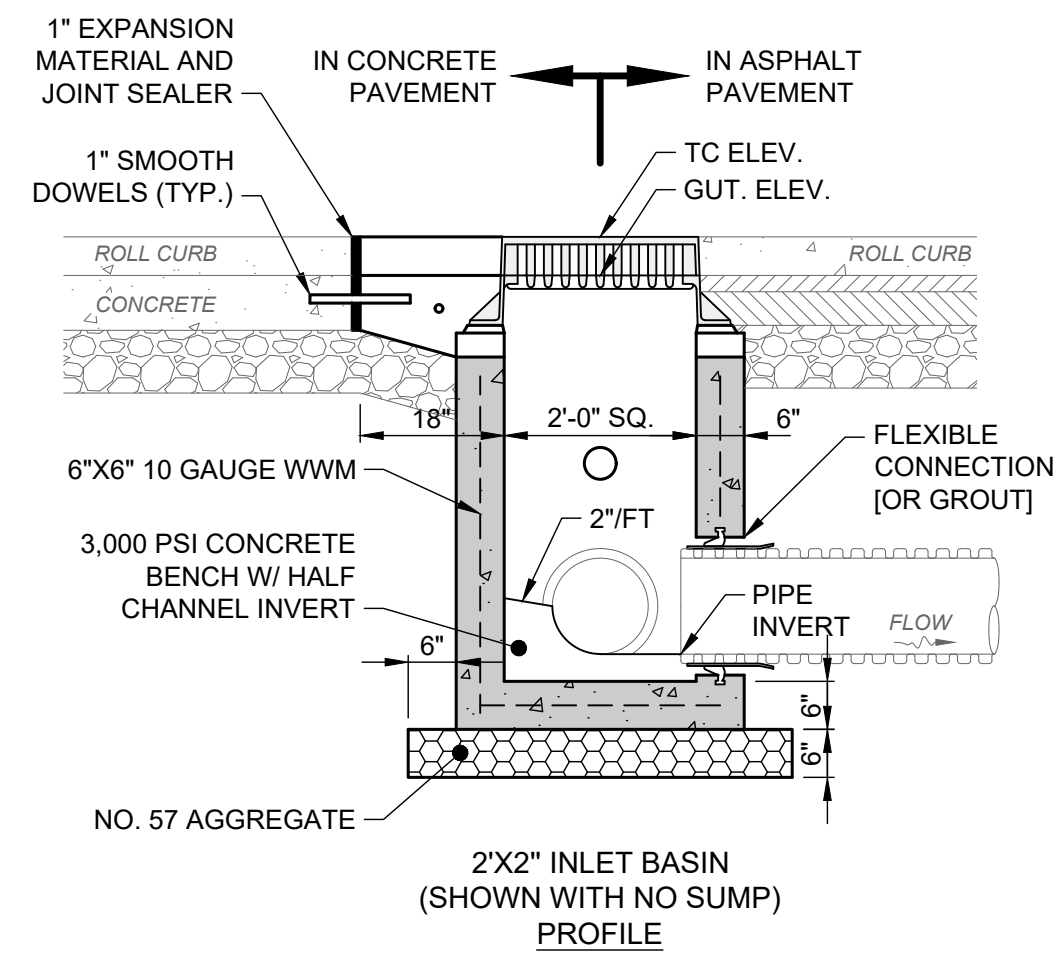
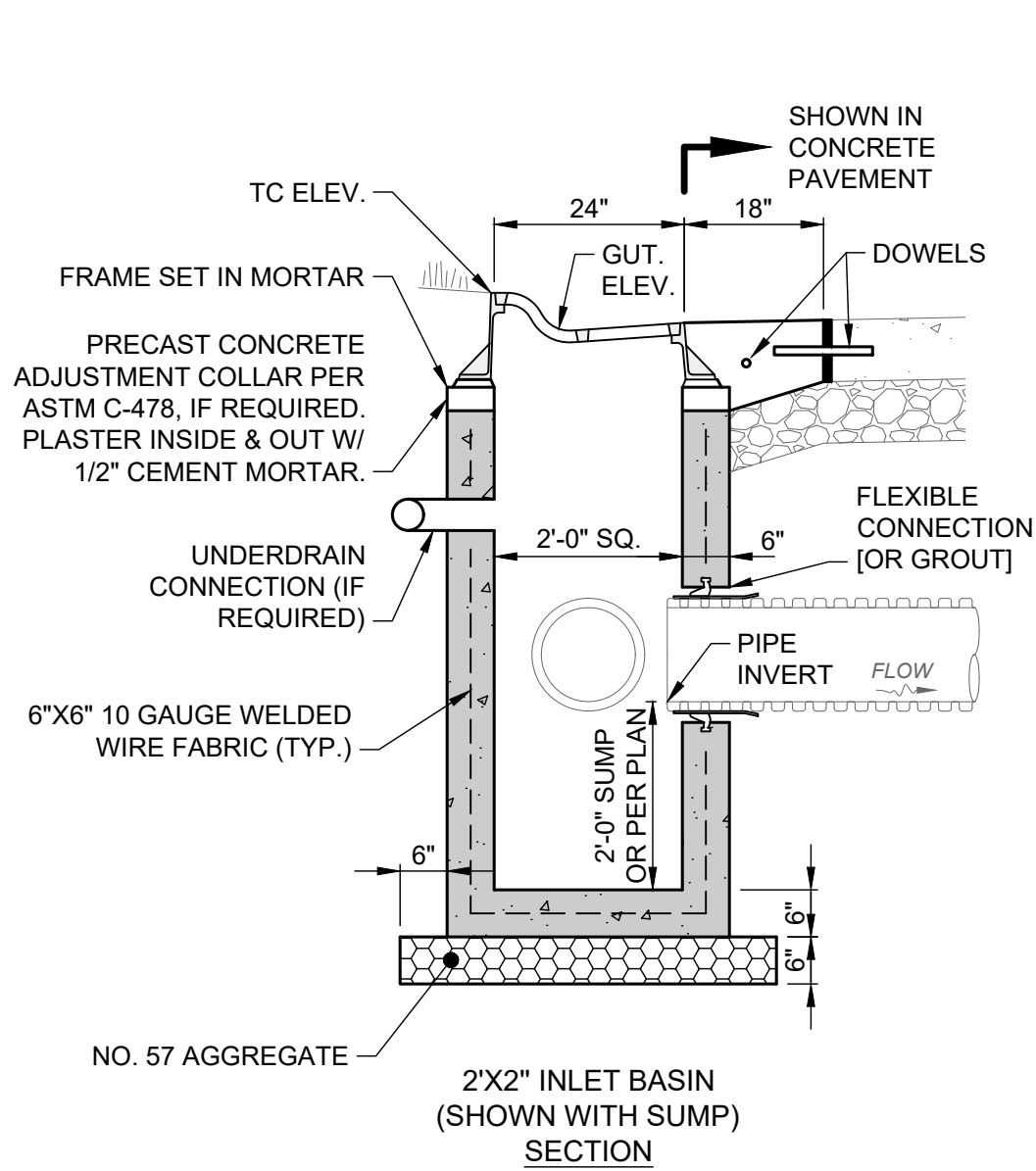


NOTES:

- USE #4 REBAR AT 18" O.C. EACH WAY FOR MANHOLE DEPTH LESS THAN 14'; AND USE #5 REBAR FOR MANHOLE DEPTHS GREATER THAN 14'.
- IF NOT PREFORMED, THE PIPE OPENING IN THE PRECAST RISER SECTION MUST BE FULL DEPTH SAW CUT. THE CONTRACTOR SHALL NOT USE A JACKHAMMER OR SLEDGEHAMMER TO CREATE THE OPENING.

DOGHOUSE MANHOLE DETAIL

SCALE: NONE

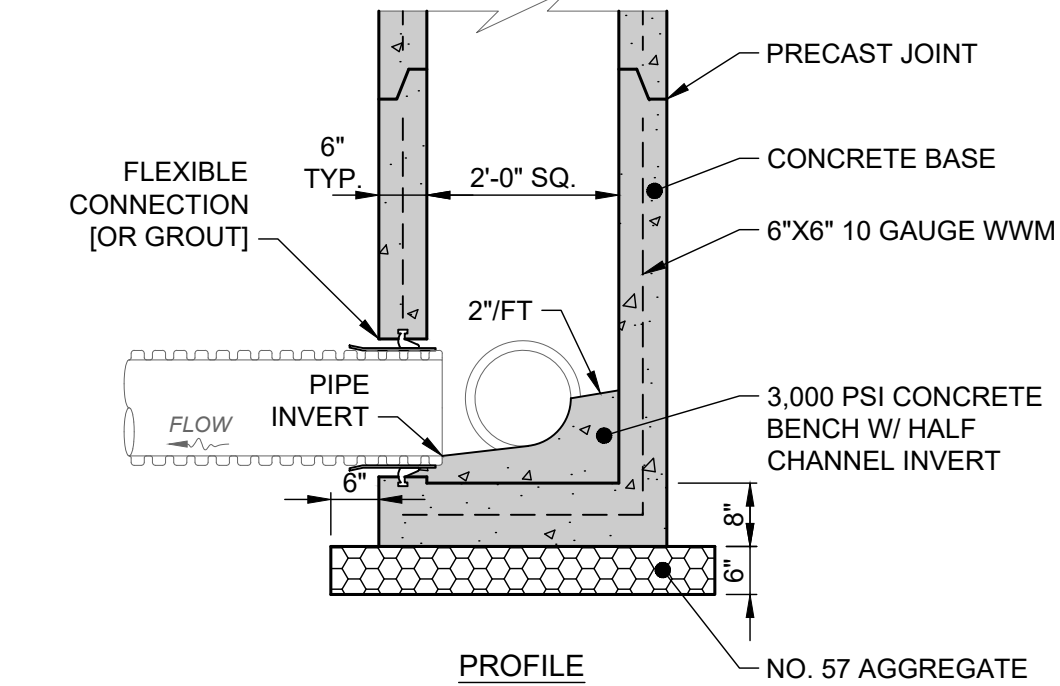
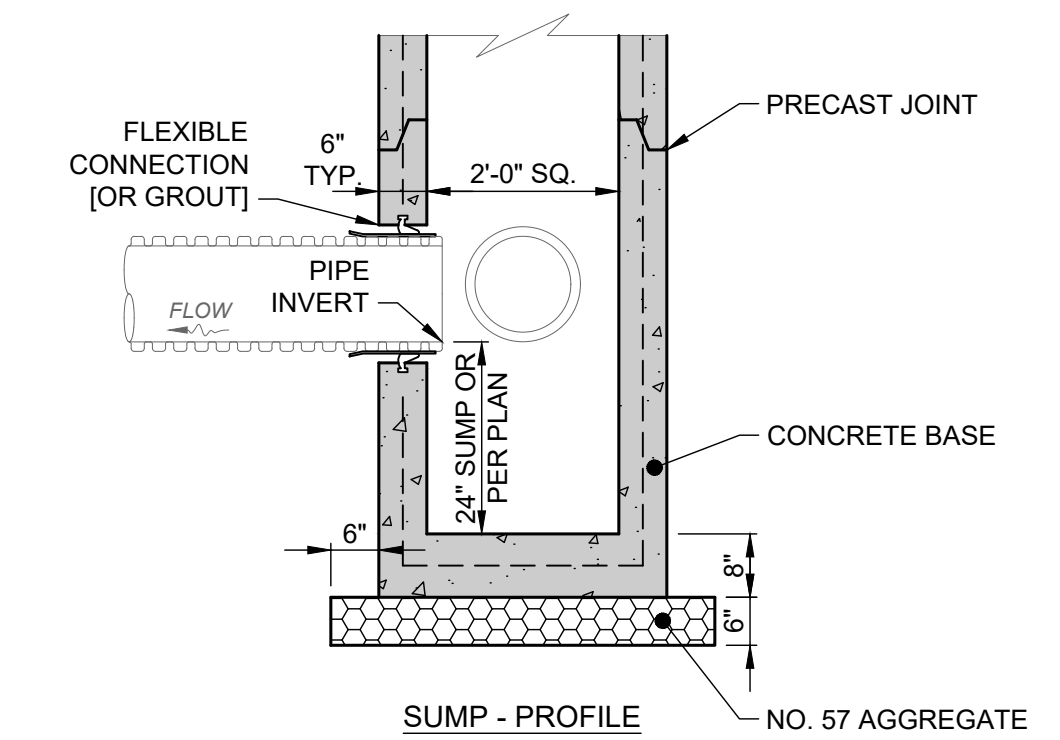
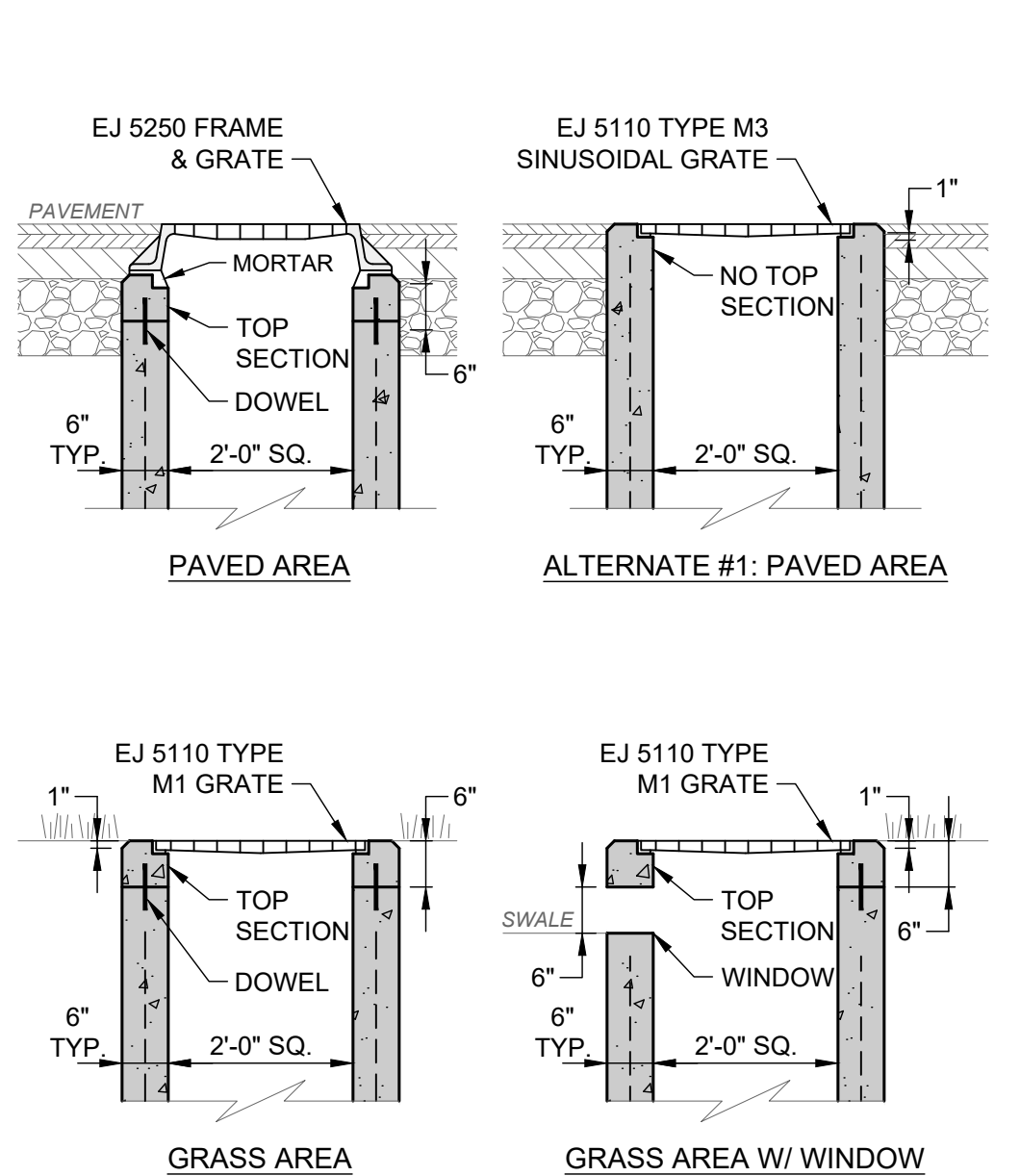


NOTES:

- INLET BASINS WITH 24" PIPES WILL REQUIRE A 2'X3' OR 3'X3'. DETAIL DIMENSIONS ARE SHOWN FOR 2'X2' ONLY.
- CONCRETE SHALL BE ODOT ITEM 499, CLASS QC-1.
- STRUCTURE SHALL MEET H-20 LOADING.
- PRECAST CONCRETE STRUCTURE AND REINFORCEMENT SHALL CONFORM TO ASTM C-913.
- GRADE ADJUSTMENT BY PRE-CAST CONCRETE ADJUSTING COLLAR OR MAX. 2 COURSES ASTM C-32 BRICK MASONRY SET IN MORTAR
- PRECAST KNOCKOUT SIDES FOR CURB DRAIN AND PIPE CONNECTION HOLES, AS REQUIRED. PIPE OPENINGS SHALL BE O.D. OF PIPE PLUS 2", AND INTERSTITIAL SPACE FILLED WITH GROUT OR ALL PIPE OPENINGS MUST BE PRECAST WITH FLEXIBLE CONNECTIONS (Z-LOK OR A-LOK) PER ASTM C-923.
- FRAME AND GRATE SHALL BE EJ 74902' WITH TYPE M1 GRATE; OR EQUAL.
- GRATE MUST INCLUDE LETTERING "DUMP NO WASTE" AND FISH IMAGE.
- THIS DETAIL IS FOR REFERENCE AND DIMENSION CONTROL ONLY; SEE UTILITY PLAN FOR ACTUAL PIPE SIZES AND ELEVATIONS.

(PRECAST CONCRETE 2'X2') CURB INLET BASIN DETAIL

SCALE: NONE

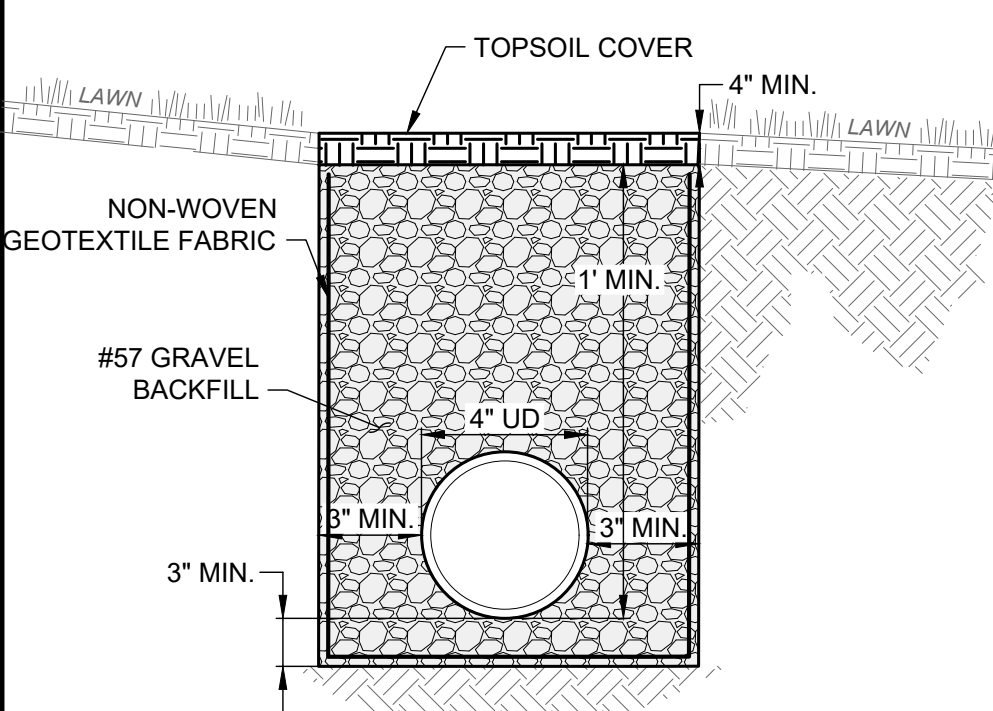


NOTES:

- CATCH BASINS WITH 24" PIPES WILL REQUIRE A 3'X3'. DETAIL DIMENSIONS ARE SHOWN FOR 2'X2' ONLY.
- CONCRETE SHALL BE ODOT ITEM 499, CLASS QC-1.
- STRUCTURE SHALL MEET H-20 LOADING.
- PRECAST CONCRETE STRUCTURE AND REINFORCEMENT SHALL CONFORM TO ASTM C-913.
- PRECAST KNOCKOUT SIDES FOR CURB DRAIN AND PIPE CONNECTION HOLES, AS REQUIRED. PIPE OPENINGS SHALL BE O.D. OF PIPE PLUS 2", AND INTERSTITIAL SPACE FILLED WITH GROUT OR ALL PIPE OPENINGS MUST BE PRECAST WITH FLEXIBLE CONNECTIONS (Z-LOK OR A-LOK) PER ASTM C-923.
- IF TOP SECTION IS A SEPARATE CAST PIECE, 1/2"Ø X 6" L DOWELS SHALL BE USED AT EACH CORNER TO ATTACH THE TOP TO THE BOTTOM SECTIONS OF BASIN.
- GRATE MUST INCLUDE LETTERING "DUMP NO WASTE" AND FISH IMAGE.
- THIS DETAIL IS FOR REFERENCE AND DIMENSION CONTROL ONLY; SEE UTILITY PLAN FOR ACTUAL PIPE SIZES AND ELEVATIONS.

(PRECAST CONCRETE 2'X2') INLET BASIN DETAIL

SCALE: NONE

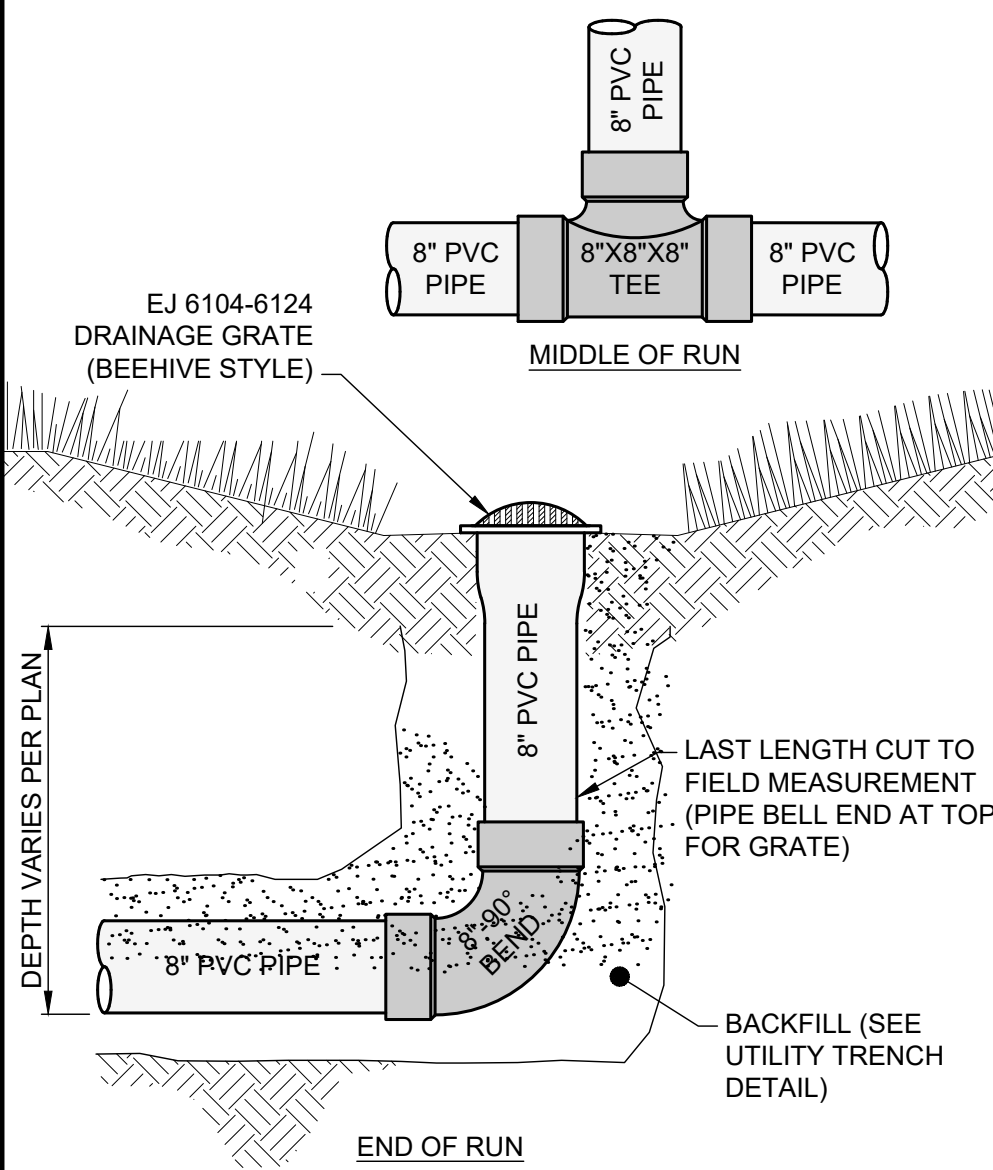


NOTES:

- PERFORATED DRAIN PIPE SHALL MAINTAIN A MINIMUM 1% SLOPE TOWARDS CATCH BASIN.
- UNSUITABLE MATERIAL BELOW THE EXCAVATED TRENCH BOTTOM SHALL BE REMOVED, WHERE DIRECTED, AND REPLACED WITH AASHTO #57.
- WHERE 4" DRAINS CONNECT TO OTHER LINES THE PROPER FITTINGS SHALL BE USED.

PERIMETER UNDERDRAIN DETAIL

SCALE: NONE

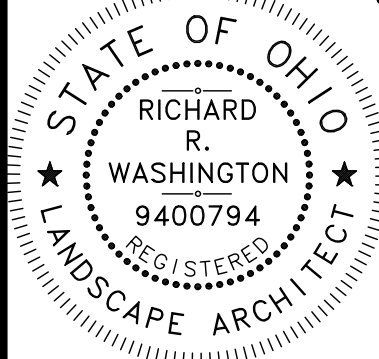


NOTES:

- THIS DETAIL SHOWS AN 8" PIPE FOR REFERENCE ONLY. SEE UTILITY PLAN FOR ACTUAL SIZE.

YARD INLET DETAIL

SCALE: NONE



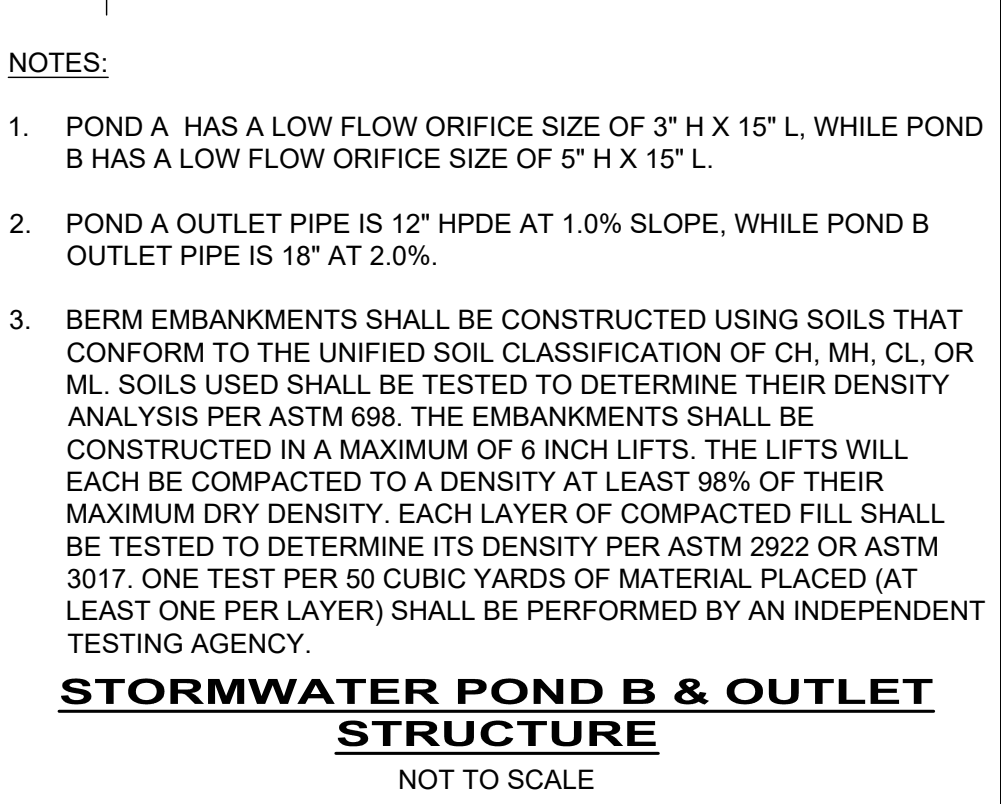
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BID #88	11/19/25	AS SHOWN	RW, JC	CZ	RW, JC
NO.	REVISION	DATE			

J.R. SMITH PARK IMPROVEMENTS
20 S MORNING ST.,
- CITY OF SUNBURY, DELAWARE COUNTY, OH -

UTILITY DETAILS

PROJECT NO.	241545
DISCIPLINE	CIVIL
SHEET NAME	DET-6
SHEET	OF
27	28



- ### PERMANENT SEEDING NOTES

- VEGETATED CHANNEL**
NOT TO SCALE