

- STREET IMPROVEMENT PLANS FOR -**2025 STREET IMPROVEMENT PROGRAM**

CITY OF SUNBURY, DELAWARE COUNTY, OHIO

	BENCH MARKS (NAVD 1988)	
NO.	DESCRIPTION	ELEV
BM1	POINT NO.1 SCBMS MAG NAIL IN WEST CRN CB CONC	005.050
	NORTHING: 210924.98163 EASTING: 1868830.18711	965.656
BM2	POINT NO. 2 SCIPIS 5/8" BY 16" SHORT IN GRAV	077.440
	NORTHING: 210928.98428 EASTING: 1869258.46347	977.113
BM3	POINT NO. 3 SCBMS MAG NAIL IN WEST EOW	004 654
	NORTHING: 210858.96611 EASTING: 1869664.33168	991.654
BM4	POINT NO. 4 SCIPIS MASTER	000 770
	NORTHING: 211691.41793 EASTING: 1869049.60760	990.779

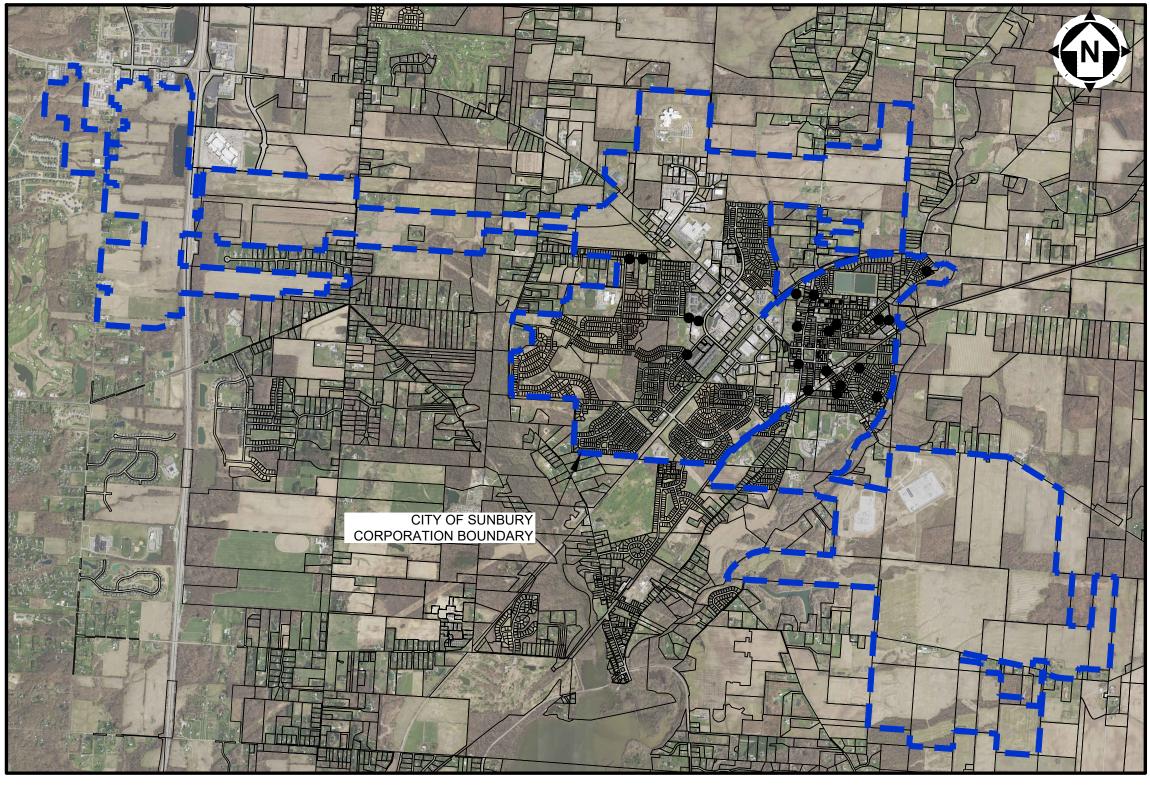
UTILITY COMPANIES

NOTE: UNDERGROUND UTILITIES OTHERS) AND AVAILABLE RECOR COMMENCEMENT OF ANY CONS	RDS, AND AS SUCH, SHOULD BE	FIELD VERIFIED PRIOR TO
SEWERS:	WATER:	COUNTY:
SANITARY SEWER CITY OF SUNBURY 127 MIDDLEVIEW DR SUNBURY, OHIO 43074 (740) 965-5380 ATTN: DALE WAMPLER dwampler@sunburyvillage.com codebralski@sunburyohio.org	DEL-CO WATER COMPANY 6658 OLENTANGY RIVER RD. DELAWARE, OHIO 43015 ATTN: DAVE WOLFE (740) 548-7746 EXT. 2403 dwolf@delcowater.com	DELAWARE COUNTY ENGINEER 50 CHANNING STREET DELAWARE, OHIO 43015 (740) 833-2400 ATTN: CHRIS BAUSERMAN cbauserman@co.delaware.oh.us
ELECTRIC:	GAS:	FUEL:
AMERICAN ELECTRIC POWER 700 MORRISON ROAD GAHANNA, OHIO 43230 (614) 883-6802 ATTN: BRENT GATES bmgates@aep.com	COLUMBIA GAS OF OHIO 3350 JOHNNY APPLESEED CT. COLUMBUS, OHIO 43231 (614) 818-2104 ATTN: ROB CALDWELL rcaldwell@nisource.com	MARATHON/ASHLAND MARATHON PIPELINE, LLC 539 SOUTH MAIN STREET FINDLAY, OHIO 45840 (419) 422-2121 (740) 258-4911 ATTN: MICHAEL PRESTON mjpreston@marathonpetroleum.com

ATTN: BRENT GATES bmgates@aep.com	ATTN: ROB CALDWELL rcaldwell@nisource.com	(419) 422-2121 (740) 258-4911 ATTN: MICHAEL PRESTON mjpreston@marathonpetroleum.com
COMMUNICATION:	COMMUNICATION:	
CHARTER COMMUNICATIONS 3760 INTERCHANGE RD COLUMBUS, OHIO 43204 (614) 481-6111 ATTN: JOSHUA HITE joshua.hite@charter.com DL-MOH-CONSTRUCTION-FRE LO-TEAM@CHARTER.COM	LUMEN (CENTURYLINK) 250 W. OLD WILSON BRIDGE, SUITE 130 WORTHINGTON, OHIO RELOCATIONS@LUMEN.COM RELOCATIONS@ BRIGHTSPEED.COM	

S	STANDARD CONSTRUCTION DRAWINGS							
	THE CURRENT STANDARD CONSTRUCTION DRAWINGS FOR EACH MUNICIPALITY OR UTILITY LISTED BELOW SHALL BE CONSIDERED AS PART OF THIS SET THEREOF.							
ОДОТ			COLUMBUS					
BP-3.1 BP-7.1 RM-6.1 LA-1.1 CB-2-2B DM-1.1 DM-1.2	DM-2.1 DM-4.3 DM-4.4 TC-41.20 TC-42.20 TC-52.10 TC-52.20 TC-71.10	TC-74.10 MT-97.10 MT-97.11 MT-101.60 MT-101.90 MT-105.10 MT-110.10 HW-2.2	2030					





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2025

LOCATION MAP 0' 3000' 3000

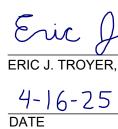
SCALE: 1" = 3000 '

VERDANTAS

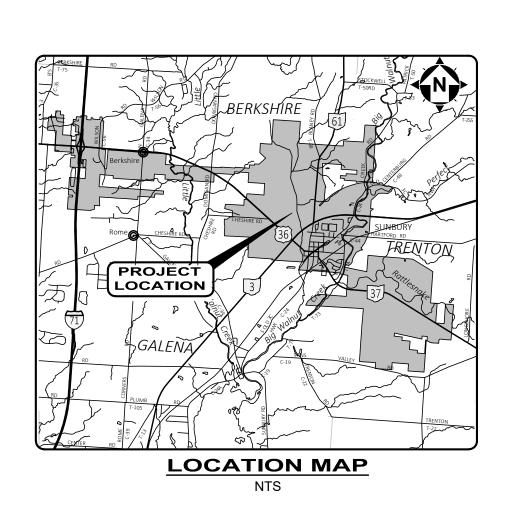
CITY OF SUNBURY APPROVAL:

CARLA

Dary DARYL







PROJECT DESCRIPTION:

THIS PROJECT REPRESENTS THE 2025 STREET IMPROVEMENT PROGRAM ENCOMPASSING COMPREHENSIVE ROADWAY UPGRADES TO ENHANCE SAFETY, FUNCTIONALITY, AND LONGEVITY. THE SCOPE OF WORK INCLUDES MILL AND FILL PAVEMENT RESURFACING, FULL-DEPTH PAVEMENT REPLACEMENTS, CONSTRUCTION OF A NEW PARKING LOT, ASPHALT REJUVENATOR, PEDESTRIAN CROSSWALKS, AND ASSOCIATED INFRASTRUCTURE ENHANCEMENTS SUCH AS CURB AND GUTTER REPAIRS, DRAINAGE IMPROVEMENTS, AND ADA-COMPLIANT UPGRADES. THIS PROJECT REFLECTS THE CITY'S COMMITMENT TO MAINTAINING AND IMPROVING ITS TRANSPORTATION NETWORK FOR THE BENEFIT OF ALL RESIDENTS AND VISITORS.

ENGINEER

6397 EMERALD PKWY, SUITE 200 DUBLIN, OHIO 43016 OFFICE: 614-779-0048 CONTACT: RABBIA PASHA, P.E. EMAIL: RABBIA.PASHA@VERDANTAS.COM

OWNER

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

SPECIFICATIONS:

THE REGULATIONS & CONSTRUCTION STANDARDS OF THE COUNTY OF DELAWARE TOGETHER WITH THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION (CURRENT EDITION) AND THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE CITY OF COLUMBUS (CURRENT EDITION), INCLUDING ALL SUPPLEMENTS THERETO, SHALL GOVERN ALL CONSTRUCTION ITEMS THAT ARE A PART OF THIS PLAN UNLESS OTHERWISE NOTED.

THE CITY OF SUNBURY'S SIGNATURE ON THIS PLAN SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND LOCATION OF THE PROPOSED IMPROVEMENTS. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THESE PLANS.

Carla Odebralski

ODEBRALSKI, P.E, CITY ENGINEER, CITY OF SUNBURY	DATE
el Hennessy	April 17, 2025
HENNESSY, CITY ADMINISTRATOR, CITY OF SUNBURY	DATE

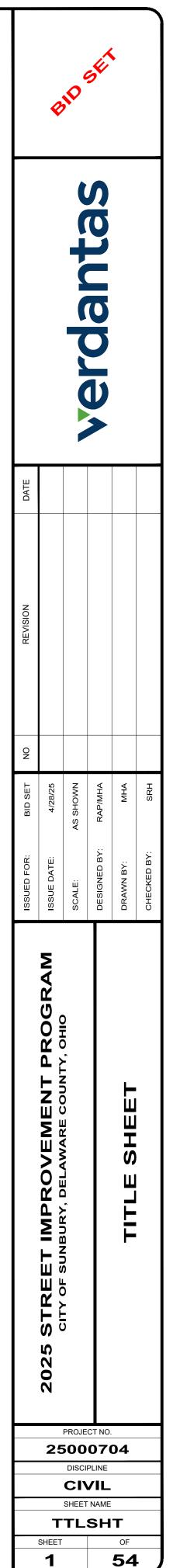
DESIGN ENGINEER:

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

Eric J. Troyer ERIC J. TROYER, P.E. NO. E-53926



April 17, 2025



CITY OF SUNBURY - 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, 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. THE CITY OF SUNBURY DETAILED SPECIFICATIONS, TOGETHER WITH DELAWARE COUNTY, INCLUDING ALL SUPPLEMENTS THERETO, 2023 ODOT EDITION, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN IN THE PLANS UNLESS OTHERWISE NOTED.
- THE REGULATIONS & CONSTRUCTION STANDARDS OF THE COUNTY OF DELAWARE, TOGETHER WITH THE CONSTRUCTION & MATERIAL SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION (CURRENT EDITION) AND THE CITY OF COLUMBUS (CURRENT EDITION), INCLUDING ALL SUPPLEMENTS THERETO, SHALL GOVERN ALL CONSTRUCTION ITEMS THAT ARE A PART OF THIS PLAN UNLESS OTHERWISE
- 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. APPROVED WORKING HOURS: 7A-7P MON-FRI EXCEPT ON NATIONAL HOLIDAYS. CONTRACTOR MAY REQUEST SATURDAY WORKING HOURS AT THE PRECON MEETING.
- 6. THE CONTRACTOR SHALL PROVIDE A VIDEO RECORD OF THE SITE TO THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION. EMPHASIS OF THE VIDEO SHOULD BE ON EXISTING DEVELOPED AREAS CONTIGUOUS WITH THE PROJECT WORK AREAS.
- 7. 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.
- 8. 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.
- 9. ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST AT THE OFFICE OF THE CITY ENGINEER.
- 10. APPROVAL OF THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY.
- 11. 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.
- 12. THE CONTRACTOR AND SUBCONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE CITY OF SUNBURY.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR THE INVESTIGATION, LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES WHETHER SHOWN ON THESE PLANS OR NOT. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECT ON PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO WORK IN THE VICINITY OF THEIR UNDERGROUND LINES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ANY UTILITIES AS REQUIRED BY THE PLAN WITH THE OWNER OF THE AFFECTED UTILITY.
- 14. ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED TO ORIGINAL CONDITION OR CONNECTED TO THE CURB SUBDRAIN OR TO THE STORM SEWER SYSTEM AS DIRECTED BY THE ENGINEER.
- 15. INGRESS AND EGRESS SHALL BE MAINTAINED TO PUBLIC AND PRIVATE PROPERTY.
- 16. 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.
- 17. 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.
- 18. 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.
- 19. CARE SHALL BE EXERCISED WHEN WORKING THE AREA AROUND EXISTING TREES AND SHRUBS. TREES MAY BE REMOVED WITHIN THE PERMANENT AND TEMPORARY EASEMENTS ONLY WITH OWNER APPROVAL. EFFORTS SHALL BE MADE TO PRESERVE TREES 24-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".
- 20. THE COST OF DEWATERING OR ROCK EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR SANITARY PIPE. THE BIDDER SHALL DETERMINE IF ANY DEWATERING OR ROCK EXCAVATION WILL BE REQUIRED AND ADJUST THEIR BIDS ACCORDINGLY.
- 21. PAVEMENT CUTS FOR UTILITY LINE INSTALLATIONS SHALL BE SUBJECT TO THE BACKFILL REQUIREMENTS OF COC CMS ITEM 912. PAVEMENT SHALL BE PLACED TO MATCH EXISTING SECTION. DEEP TRENCHES MAY NOT BE PARTIALLY FILLED WITH LARGE SIZE AGGREGATE
- 22. 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.
- 23. 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. 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.
- 24. 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.
- 25. 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.
- 26. ALL AREAS IN THE RIGHT-OF-WAY ARE TO BE GRADED AND SEEDED AS SOON AS WORK IN THAT AREA IS COMPLETE.
- 27. THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION AND MAINTENANCE OF A PORTABLE TOILET ON THE SITE DURING ALL PHASES OF CONSTRUCTION.
- 28. THE CONTRACTOR AND/OR DEVELOPER IS RESPONSIBLE FOR ALL COMPACTION AS WELL AS ASPHALT AND CONCRETE TESTING. TESTING IS TO BE PERFORMED BY A REGISTERED CONTRACTOR AS SPECIFIED BY THE CITY ENGINEER.
- 29. THE CITY ENGINEER RESERVES THE RIGHT TO DIRECT PROJECT SPECIFIC CHANGES TO ANY CITY CONSTRUCTION NOTE AND SPECIFICATION.
- 30. NO CONSTRUCTION TRAFFIC IS PERMITTED ON STREETS ACCESSING NEIGHBORHOOD SUBDIVISIONS. NO TRACKED EQUIPMENT IS PERMITTED ON EXISTING STREET PAVEMENT.
- 31. 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.
- 32. 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.
- 33. 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.
- 34. 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.
- 35. 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.
- 36. THE DESIGN SHOWN ON THESE DRAWINGS IS BASED UPON A FIELD SURVEY AND EXISTING RECORDS.
- 37. PRIOR TO THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL TAKE PHOTOGRAPHS AND VIDEO OF THE PROJECT SITE PER THE SPECIFICATIONS. A DIGITAL COPY OF ALL MEDIA SHALL BE SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL. THE COST OF

40. 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.

ADDITIONAL NOTES:

SUBMITTAL OF BID

THE CONTRACTOR FULLY UNDERSTANDS THE MAKE-UP CONSTRUCTION, AND OPERATION OF ALL SYSTEMS AND EQUIPMENT HE IS CONSTRUCTION AND THAT HE HAS INCLUDED IN HIS PRICE ALL MATERIALS, SUPPLIES, ACCESSORIES, AND SERVICES NECESSARY TO MAKE THESE SYSTEMS COMPLETE AND OPERATIONAL WHETHER SUCH MATERIAL, SUPPLIES AND SERVICES ARE EXPLICITLY SHOWN ON THE DRAWINGS OR INCLUDED IN THESE SPECIFICATIONS OR ONLY IMPIED BY THE CLEAR INTENT OF THESE DOCUMENT FOR THE CONTRACTOR TO PROVIDE A COMPLETE AND FULLY OPERATIONAL SYSTEM AS PART OF THE SCOPE OF WORK UNDERTAKEN BY THIS CONTRACT.

ESTIMATED QUANTITIES ALL ITEMS OF WORK CALLED FOR ON THE PLAN FOR WHICH NO SPECIFIC METHOD OF PAYMENT IS PROVIDED, SHALL BE PERFORMED BY THE CONTRACTOR AND THE COST OF THE SAME SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS.

CONTRACTOR THE TERM CONTRACTOR IN THESE DOCUMENTS REFERS TO THE GENERAL CONTRACTORS, ALL SUB CONTRACTORS, SUPPLIERS AND SERVICE SUPPLIERS; MATERIAL OR LABOR DIRECTLY, OR INDIRECTLY TO THIS PROJECT. RESPONSIBILITIES

THE OWNER DOES NOT SUPERVISE, NOR IS ENGAGED IN CONSTRUCTION. THE OWNER HAS NO CONTROL OVER, OR CHARGE OF, AND THEREFORE IS NOT RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR FOR SAFETY, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THESE ARE SOLELY THE CONTRACTOR'SRESPONSIBILITY UNDER THE CONTRACT FOR CONSTRUCTION.

THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION.

SAFETY TRENCH PROTECTION AND BACKFILLING THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS, INCLUDING THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE MUNICIPALITY.

BACKFILLING SHALL FOLLOW IMMEDIATELY BEHIND CONSTRUCTION AND ONLY THE MINIMUM LENGTH OF TRENCH REQUIRED FOR CONSTRUCTION SHALL BE OPEN AT ANY GIVEN TIME.

THE INFORMATION SHOWN CONCERNING UTILITIES IS NOT REPRESENTED, WARRANTED OR GUARANTEED TO BE COMPLETE OR ACCURATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PHYSICALLY LOCATE AND VERIFY, IN THE FIELD, ALL UTILITY LOCATIONS AND ELEVATIONS, PRIOR TO THE BEGINNING OF HIS CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL SUPPORT, PROTECT AND RESTORE ALL EXISTING UTILITIES AND THEIR ITEMS. THE IDENTITY AND LOCATION OF THE EXISTING UNDERGROUND UTILITIES KNOWN TO BE LOCATED IN THE CONSTRUCTION AREA HAVE BEEN

THE CONTRACTOR SHALL NOTIFY ALL UTILITY OWNERS, IN ACCORDANCE WITH SECTION 153.64, OHIO REVISED CODE, AT LEAST FORTY-EIGHT (48) HOURS TO THE BEGINNING OF ANY WORK, COORDINATE HIS WORK WITH THEM, AND KEEP THE UTILITY OWNERS APPRAISED OF HIS SCHEDULE AND REQUIREMENTS UNTIL ALL WORK IS COMPLETED. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH EVIDENCE OF HAVING NOTIFIED THE UTILITIES AND PROVIDING THEM WITH HIS WORK SCHEDULE PRIOR TO BEGINNING ANY WORK. NOTICE SHALL BE GIVEN TO THE OHIO UTILITIES PROTECTION SERVICES.

A PARTIAL LIST OF UTILITY OWNERS WHO MUST BE NOTIFIED CAN BE FOUND ON THE TITLE SHEET. THE CONTRACTOR SHALL COMPLY WITH THE REGULATIONS SET FORTH BY THE RESPECTIVE PUBLIC SERVICE CORPORATIONS AS LISTED:

COOPERATION WITH UTILITIES: THE CONTRACTOR SHALL MAINTAIN AND PROTECT ALL PUBLIC OR PRIVATE UTILITY FACILITIES DURING CONSTRUCTION. SHOULD IT BECOME NECESSARY TO MOVE, ADJUST, OR TEMPORARILY RELOCATE ANY SUCH FACILITY, THE WORK SHALL BE DONE BY THE OWNER OF THE UTILITY FACILITY, ANY DAMAGE TO UTILITY FACILITIES BY THE CONTRACTOR OR HIS SUBCONTRACTORS WILL BE REPAIRED BY THE OWNER OF SAID UTILITY, AND THE COST OF SAID REPAIRS WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR TO SEND PROOF OF PAYMENT TO THE UTILITY FOR THE REPAIR TO THE OWNER, PRIOR TO FINAL PAYMENT.

IT IS UNDERSTOOD AND AGREED THAT THE CONTRACTOR HAS CONSIDERED IN HIS BID ALL OF THE PERMANENT AND TEMPORARY UTILITY APPURTENANCES IN THEIR PRESENT OR RELOCATED POSITIONS AND THAT NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR ANY DELAYS. INCONVENIENCE, OR DAMAGE SUSTAINED BY HIM DUE TO ANY INTERFERENCE FROM THE SAID UTILITY APPURTENANCES OR THE OPERATION OF MOVING THEM.

SUBSURFACE CONDITIONS: IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATIONS OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. THE CONTRACTOR MAY EXAMINE ANY EXISTING RECORDS OF BORINGS, TEST EXCAVATIONS AND OTHER SUBSURFACE INVESTIGATIONS FOR HIS OWN INFORMATION. ANY AVAILABLE RECORDS OF BORINGS, TEST EXCAVATIONS OR OTHER SUBSURFACE INVESTIGATIONS ARE CONSIDERED INCOMPLETE AND ARE NOT A PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR AGREES THAT HE WILL MAKE NO CLAIM AGAINST THE OWNER OR THE ENGINEER, IF IN CARRYING OUT THE WORK, HE FINDS THAT THE ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED DO NOT CONFORM TO THOSE INDICATED BY TEST EXCAVATIONS OR OTHER SUBSURFACE INVESTIGATIONS.

THE CONTRACTOR SHALL, AT ALL TIMES DURING CONSTRUCTION, PROVIDE PROPER AND SATISFACTORY MEANS AND DEVICES FOR THE REMOVAL OF ALL WATER ENTERING THE EXCAVATIONS AND SHALL REMOVE ALL SUCH WATER AS FAST AS IT MAY COLLECT INS SUCH A MANNER AS SHALL NOT INTERFERE WITH THE PROSECUTION OF THE WORK OR THE PROPER PLACING OF MASONRY OR OTHER WORK.

ITEM 253 PAVEMENT REPAIR, AS PER PLAN: PAVEMENT REPAIR SHALL BE AS PER 253 AND THE DETAILS ON SHEET 3. EXISTING PAVEMENT SHALL BE REMOVED BY MILLING. PAVEMENT REPAIR DEPTH SHALL VARY BETWEEN 3 INCHES AND 5 INCHES. DEPTH AND LOCATIONS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

NO NON RUBBER-TIRED VEHICLES SHALL BE MOVED ON ANY STREETS, EXCEPTION MAY BE GRANTED BY THE OWNER WHERE SHORT DISTANCES AND SPECIAL CIRCUMSTANCES ARE INVOLVED AND PROTECTION IS PROVIDED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY PAVEMENT DAMAGED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES, WITH NO EXCEPTIONS.

THIS WORK SHALL BE INCLUDED IN THE UNIT BID PRICE FOR PRE-CONSTRUCTION VIDEOTAPING.

38. 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.

39. 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.

41. 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.

42. 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 SNOWPLOW/MAINTENANCE OF ROAD PAVEMENT.

43. DISTURBANCE TO THIS SITE IS COVERED BY OEPA GENERAL PERMIT OHC000006 AND THE NPDES PERMIT.

BY SUBMITTING A BID OR STARTING CONSTRUCTION THE CONTRACTOR CERTIFIES THAT: THE CONTRACTOR HAS VISITED THE SITE AND BE SATISFIED THAT HE UNDERSTANDS ALL SITE CONDITIONS THAT MAY HAVE AN EFFECT ON HIS PRICE AND CONSTRUCTION SCHEDULE.

UNDERGROUND UTILITIES

SHOWN ON THE PLANS AS ACCURATELY AS PROVIDED BY THE OWNER OF THE UTILITY. THE OWNER AND/OR ENGINEER ASSUMES NO RESPONSIBILITY AS TO THE ACCURACY OR THE DEPTH OF THE UNDERGROUND FACILITIES ON THESE PLANS.

EXCESS EXCAVATION MATERIAL THE REMOVAL AND DISPOSAL OF ALL EXCAVATED MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH THE OWNER A COPY OF WRITTEN PERMISSION FROM THE PROPERTY OWNER PRIOR TO DISPOSITION OF ANY WASTE MATERIAL.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE RESTORATION FOR ALL 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, CONCRETE CHUNKS, BROKEN PIPES, ETC. SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF IN A LICENSED FACILITY. ALL ROCKS, BOULDERS, CONCRETE CHUNKS, BROKEN PIPES, ETC. SHALL BE BURIED WITHIN THE WASTE AREA TO A DEPTH OF AT LEAST TWO (2) FEET AND SHALL NOT BE VISIBLE AT COMPLETION.

CLEANING

THE CONTRACTOR WILL BE REQUIRED TO REMOVE DIRT ACCUMULATION FROM HIS OPERATION UPON THE SAID PROJECT SITE OFTEN AS MAY BE ORDERED BY THE OWNER. WHEN THE WORK IF FINALLY COMPLETED, AND BEFORE IT'S FINAL ACCEPTANCE, THE CONTRACTOR, UPON WRITTEN ORDER FROM THE OWNER, SHALL THOROUGHLY CLEAN THE WHOLE PROJECT SITE TO THE SATISFACTION OF THE OWNER. NOT EXTRA PAYMENT WILL BE MADE FOR THE WORK INVOLVED IN THIS PRELIMINARY AND FINAL CLEANING OF THE PROJECT SITE, BUT THE COST OF THE SAME SHALL BE CONSIDERED AS INCLUDED IN THE PRICES STIPULATED FOR THE VARIOUS ITEMS OF WORK TO BE DONE UNDER THIS CONTRACT.

SHOULD THE COMPLETION OF THE WORK OCCUR AT SUCH A TIME THAT THE FINAL SHAPING AND CLEANING OF THE PROJECT SITE WOULD COME IN THE WINTER MONTHS, THE CLEANING AND SHAPING, WITH THE PERMISSION OF THE OWNER, WOULD BE POSTPONED UNTIL THE FOLLOWING SPRING, AND THE AMOUNT SUFFICIENT TO DO THE WORK WILL BE REGAINED FROM THE MONEY DUE TO THE CONTRACTOR.

SHOULD THE CONTRACTOR FAIL TO DO THE SHAPING AND CLEANING OF THE PROJECT SITE, WITH IN THE LIMITS OF THE HEREIN SPECIFIED WORK WITH SEVEN (7) DAYS AFTER THE RECEIPT OF THE WRITTEN NOTICE FROM THE ENGINEER TO DO SO, THE OWNER WILL HAVE THE RIGHT TO HAVE SAID WORK DONE AND THE COST THEREOF DEDUCTED FROM THE RETURNER DUE OR TO BECOME DUE TO THE CONTRACTOR.

FINAL GRADING CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL DISTURBED AREAS. ALL DISTURBED AREAS SHALL BE FINE GRADED AND SHAPED TO A CONDITION SUITABLE TO BE SEEDED AND MULCHED. CONTRACTOR MUST OBTAIN OWNER/ENGINEER APPROVAL OF FINAL GRADING PRIOR TO ANY SEEDING WORK. THE COST OF ALL WORK INVOLVED IN THE FINAL GRADING SHALL BE CONSIDERED INCIDENTAL TO OTHER VARIOUS ITEMS OF WORK IN THE CONTRACT.

ITEM 659 - SEEDING AND MULCHING, CLASS 1, AS PER PLAN ALL UNPAVED AREAS DISTURBED BY THE CONTRACTORS ACTIVITIES HALL BE SEEDED AND MULCHED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. COMMERCIAL FERTILIZER AND WATER SHALL BE APPLIED TO THE SEEDED AND MULCHED AREAS AS PER ITEM 659. THE COST OF THE WATER AND COMMERCIAL FERTILIZER SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 659 SEEDING AND MULCHING, CLASS 1, AS PER PLAN.

WORK LIMITS

OF THE OWNER.

EROSION CONTRO EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF OHIO DEPARTMENT OF NATURAL RESOURCES STANDARDS FOR STORM WATER MANAGEMENT, LAND DEVELOPMENT AND URBAN STREAM PROTECTION MANUAL "RAINWATER AND LAND DEVELOPMENT".

DUST CONTROL COMPLY WITH DUST CONTROL STANDARDS OF ODOT 616.

ENVIRONMENTAL CONTROL MINIMIZE EXCESSIVE NOISE AND WORK ONLY DURING DAYLIGHT HOURS.

SHOULD ANY OF THE DETAILED INSTRUCTIONS ON THE PLANS CONFLICT WITH THE GENERAL NOTES, THE SPECIFICATIONS OR WITH EACH OTHER THE STRICTEST PROVISION SHALL GOVERN.

CONTRACTOR USE OF SITE THE CONTRACTOR'S DELIVERIES.

THE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF THE CONSTRUCTION EQUIPMENT, TOOLS, SUPPLIES, MATERIALS, AND CONTRACTOR'S FACILITY WITH THE OWNER. THE OWNER SHALL HAVE ACCESS TO OPERATE AND MAINTAIN TREATMENT FACILITY AT ALL TIMES.

CONTRACTOR SHALL PROTECT ALL EQUIPMENT AND STRUCTURES FROM DAMAGE DURING CONSTRUCTION. ANY EQUIPMENT OR STRUCTURE DAMAGED SHALL BE REPLACED OR RESTORED TO THE PRE-CONSTRUCTION CONDITION.

ITEM 202 REMOVAL MISC.: MISC. SITE ITEMS, AS PER PLAN

THE CONTRACTOR SHALL RELOCATE THE MAILBOX DURING CONSTRUCTION SO THAT MAIL SERVICE CAN CONTINUE. AFTER CONSTRUCTION, THE CONTRACTOR SHALL RE-INSTALL THE MAILBOX TO ITS PERMANENT LOCATION. THE CONTRACTOR SHALL REMOVE ALL MISCELLANEOUS SITE ITEMS AS DENOTED ON DEMOLITION PLAN SHEET 43.

ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE, AS PER PLAN CONTRACTOR SHALL DELIVER A MAXIMUM OF THIRTEEN (13) TRUCK LOADS (252 TONS +/-) OF ASPHALT PAVEMENT MILLINGS FROM THE PAVEMENT PLANING OPERATIONS TO THE CITY OF SUNBURY STREET DEPARTMENT FIELD ON SEDGWICK AVENUE. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH JACOB STOCKMASTER OF THE CITY OF SUNBURY (740-965-2684, EXT. 257). THE COST FOR THIS WORK SHALL BE INCLUDED IN UNIT PRICE BID FOR ITEM 254 PAVEMENT PLANING, ASPHALT CONCRETE AS PER PLAN.

ITEM 609 CURB MISC .: CITY OF COLUMBUS COMBINATION CURB AND GUTTER, TYPE MOUNTABLE THE PROPOSED CURB AND GUTTER SHALL BE AS PER CITY OF COLUMBUS STANDARD CONSTRUCTION DRAWING 2030. LOCATIONS SHALL BE

DETERMINED IN THE FIELD BY THE ENGINEER. TEM 611 DRAINAGE STRUCTURE MISC.: EXISTING DRAINAGE REPAIRS AND MODIFICATIONS

ALL DRAINAGE STRUCTURE REPAIRS AND REPLACEMENTS SHALL BE PAID FOR UNDER THE LUMP SUM PRICE BID FOR THIS ITEM. A MAP OF THE REPAIR LOCATIONS AND THE METHODS OF THESE REPAIRS WILL BE GIVEN TO THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.

ITEM 614 MAINTAINING TRAFFIC

A MINIMUM OF ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT ALL TIMES WITH THE USE OF FLAGGERS AS PER SCD MT-97.10 AND MT-97-11.

ALL WORK AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH C&MS 614 AND OTHER APPLICABLE PORTIONS OF THE SPECIFICATIONS, AS DETAILED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. PAYMENT FOR ALL LABOR, EQUIPMENT, AND MATERIALS SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR ITEM 614, MAINTAINING TRAFFIC, UNLESS SEPARATELY ITEMIZED IN THE PLAN.

THE CONTRACTOR SHALL FURNISH AND APPLY WATER FOR DUST CONTROL AS DIRECTED BY THE ENGINEER.

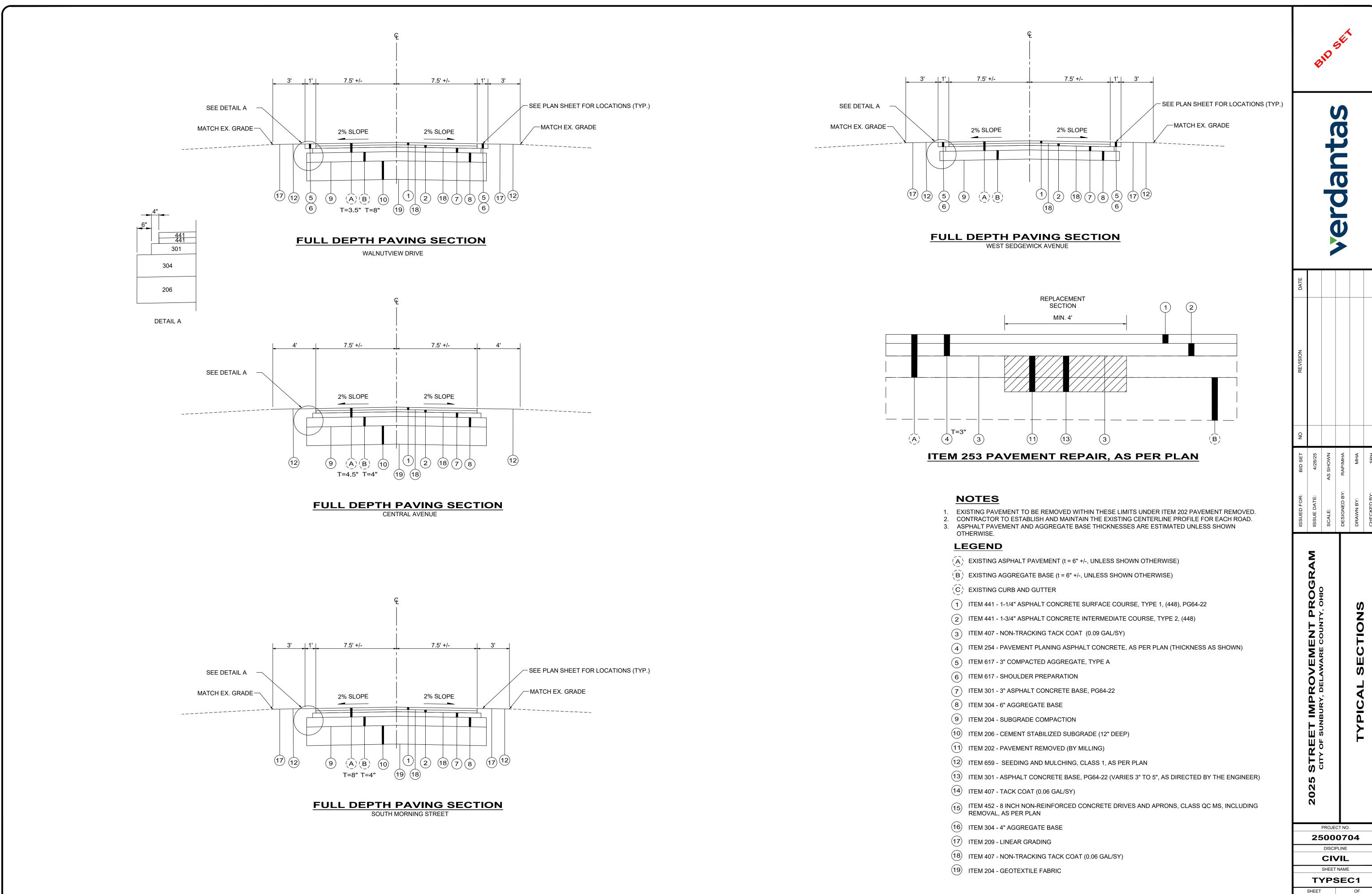
MAINTAIN ACCESS

THE CONTRACTOR SHALL CONFINE HIS ACTIVITIES TO THE PROJECT SITE UNDER DEVELOPMENT, THE EXISTING RIGHTS-OF-WAY, OR CONSTRUCTION AND PERMANENT EASEMENTS AND SHALL NOT TRESPASS UPON OTHER PRIVATE PROPERTY WITHOUT THE WRITTEN CONSENT

CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING AND STORAGE OF MATERIAL FOR THE WORK. THE OWNER WILL NOT RECEIVE ANY OF

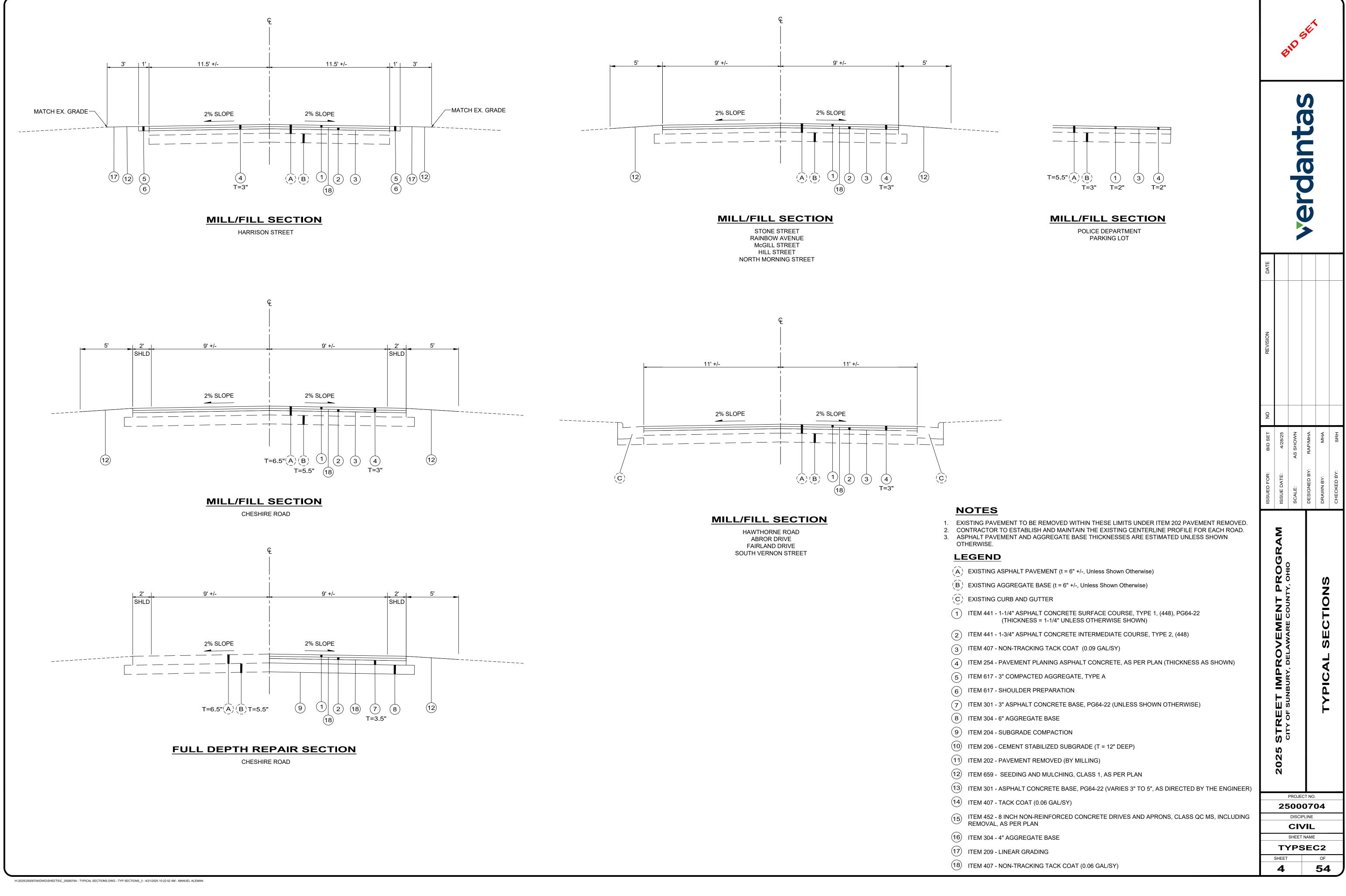
ACCESS TO DRIVEWAYS SHALL BE MAINTAINED AT ALL TIMES. DRIVEWAYS ARE TO BE CONSTRUCTED USING THE PART WIDTH METHOD TO

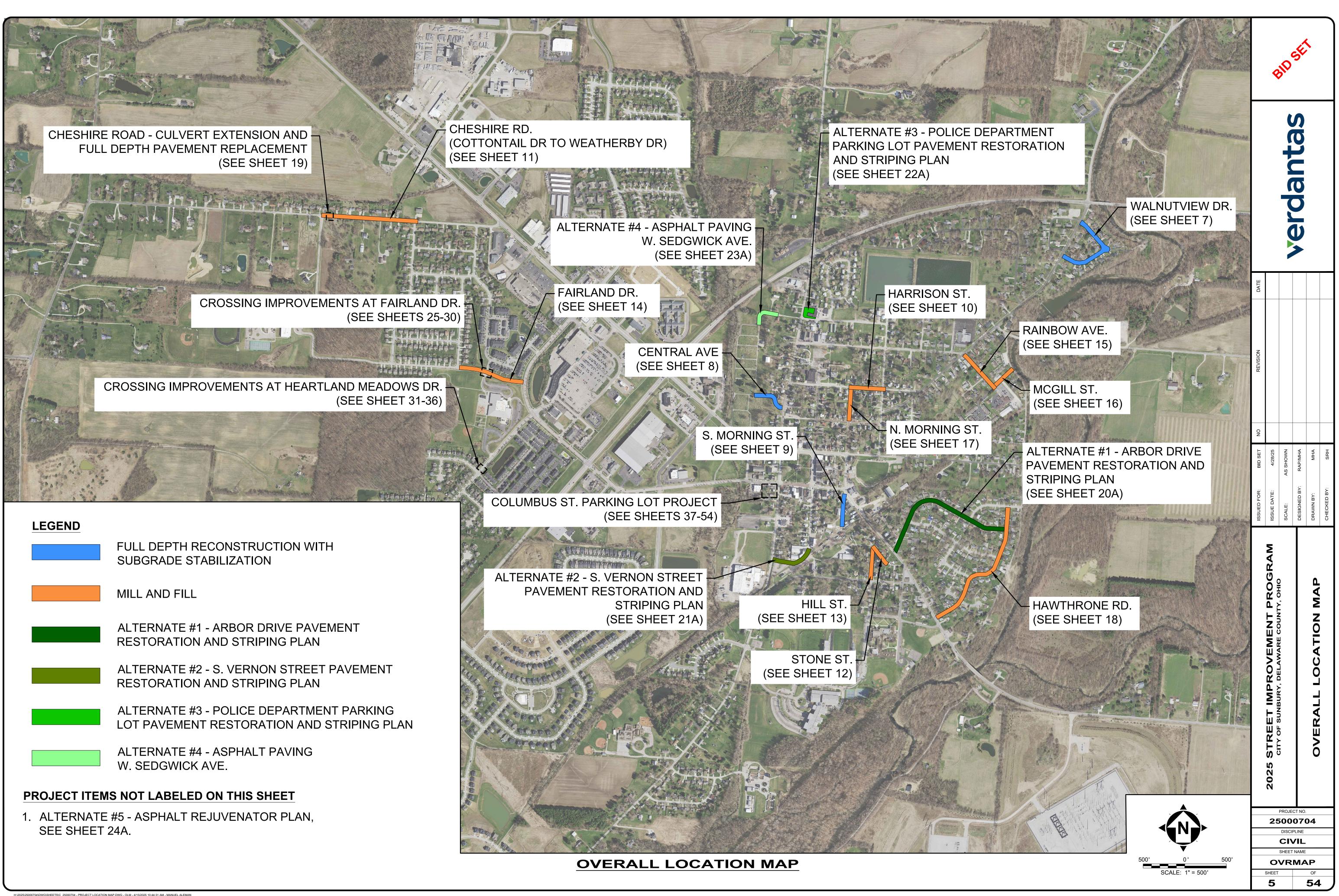
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1.	EXISTING PAVEMEN
2.	CONTRACTOR TO E
3	ASPHALT PAVEMEN

(\widehat{A})	EXISTING ASPH
(\underline{B})	EXISTING AGGF





ESTIMATE OF QUANTITIES - BASE BID AND ALTERNATES

	DESCRIPTION	UNIT	GRAND TOTAL
103500011	Preconstruction Video Documentation, As Per Plan	LS	1
103S05001	Bonds and Insurance, As Per Plan	LS	1
201E11001	Clearing and Grubbing, As Per Plan	LS	1
202E23000	Pavement Removed	SY	3788
202E23026	Excavation and Removal of Existing Pavement & Base, As Per Plan	SY SE	836
202E30000	Walk Removed 1 Curb Removed As Per Plan	SF	727
202E32001	Curb Removed, As Per Plan	FT	44
202E32500	Curb and Gutter Removed ¹	FT	355
202E58100	Catch Basin Removed	EA	1
202E98011	Removal Misc.: Misc. Site Items, As Per Plan	LS	1
203E10000	Excavation	СҮ	1582
203E20000	Embankment	CY	100
203580612	Special - Bioretention Cell, As Per Plan	EA	3
204E10000	Subgrade Compaction	SY	2822
204E50000	Geotextile Fabric	SY	5345
206E10500	Cement	TON	118
206E11000	Curing Coat	SY	4473
206E15010	Cement Stabilized Subgrade, 12 Inches Deep	SY	4473
206E20000	Test Rolling	HR	4
209E10000	Ditch Cleanout	FT	50
209E60201	Linear Grading, As Per Plan	STA	23
253E01001	Pavement Repair, As Per Plan ¹	SY	540
253S05120	Concrete Apron or Drive Replacement, As Per Plan	SF	1375
254E01001	Pavement Planing, Asphalt Concrete, As Per Plan	SY	15342
301E56000	Asphalt Concrete Base, PG64-22, (449)	СҮ	316
304E20000	Aggregate Base	CY	631
407E10000	Tack Coat	GAL	1625
441E50000	Asphalt Concrete Surface Course, Type 1 (448), PG64-22	CY	742
441E50300	Asphalt Concrete Intermediate Course Type 2 (448)	СҮ	860
511E46610	Class QC1 Concrete, Headwall	СҮ	2
605E05113	4 Inch Shallow Pipe Underdrain with Geotextile Fabric for Porous Pavement, As Per Plan	FT	579
602E98013	Masonry, Misc.: Block Masonry Wall With Brick Veneer, As Per Plan	LS	1
607E98011	Fence Misc: Temporary Safety Fence - 4' Plastic	FT	650
608E10000	4" Concrete Walk ¹	SF	1842
608E52001	Curb Ramp, As Per Plan	SF	780
608561111	Brick Pavers, Pedestrian, With Aggregate Base, As Per Plan	SF	305
608561190	Brick Pavers, Pavement, Permeable	SF	13180
608561415	Curb Edge Restraint, As Per Plan	SF	75
609E12001	Combination Curb And Gutter, Type 2, As Per Plan	FT	300
609E98000	Curb Misc.: City of Columbus Combination Curb & Gutter, Type Mountable ¹	FT	355
609E26001	Curb, Type 6, As Per Plan	FT	928
611E97208	Conduit, Misc.: Clean Out	FT	4
611E98704	Inlet, Yard Drain, As Per Plan	EA	3
611E10200	24" Conduit, Type A	FT	5
511E98470	Catch Basin, No. 2-2B	EA	1
611E98628	Catch Basin Adjusted to Grade, Method D.2, (Metal Riser), As Per Plan	EA	1
611E99150	Inlet Adjusted to Grade, Method D.2, (Metal Riser), As Per Plan	EA	6
611E99657	Manhole Adjusted to Grade, Method D.2, (Metal Riser), As Per Plan	EA	5
511E999921	Drainage Structure, Misc.: Existing Drainage Repairs and Modifications	LS	1
614E11000	Maintaining Traffic	LS	1
616E10000	Water	MGAL	8
617E20000	Shoulder Preparation	SY	233
617E10100	Compacted Aggregate	СҮ	26
623E10000	Construction Layout Stakes and Surveying	LS	1
624E10000	Mobilization	LS	1
625E98202	Lighting, Misc., As Per Plan	LS	1
630E03101	Ground Mounted Support, No. 3 Post, As Per Plan	FT	60
630E80100	Sign, Flat Sheet	SF	34
630E80150	Sign, Flat Sheet, With Mounting Post	EA	2
630E08600	Sign Post Reflector	EA	4
530E97705	Signing, Misc.: Solar Powered Rectangular Rapid Flashing Beacon (RRFB) Sign Assembly	EA	2
642E00010	Traffic Paint, As Per Plan	LS	1
642E30000	Removal of Pavement Marking	FT	270
644E00100	Edge Line, 4"	MILE	0.43
644E00301	Center Line, As Per Plan	MILE	0.26
644E00500	Stop Line	FT	154
644E00620	Crosswalk Line, 12"	FT	859
644E01110	School Symbol Marking, 96"	EA	1
651E10011	Topsoil Stockpiled Or Removed, As Per Plan	СҮ	470
553E10001	Topsoil Furnished And Placed, As Per Plan	СҮ	55
659E00501	Seeding and Mulching, Class 1, As Per Plan ¹	SY	4580
661E00501	Mulch, As Per Plan	CY	17
661E14000	Perennials	EA	66
661E20020	Deciduous Shrub, 18 Inch Height	EA	62
661E20040	Deciduous Shrub, 2' Height	EA	28
661E40080	Deciduous Tree, 2 Inch Caliper	EA	15
661E50120	Evergreen Tree, 6' Height	EA	3
661E99961	Planting, Misc.: Planting Mix	CY	52
	Planting, Misc.: Planting Mix Special - Bench	EA	3
680S17108			
690E50500	Special - Concrete Parking Block	EA	2
690E50560	Special - Bicycle Rack Aggregate Surface Course, #8 Limestone, As Per Plan		
703E04002	Aggregate Surface Course, #8 Limestone, As Per Plan	СҮ	61
703E04003	Aggregate Surface Course, #57 Limestone, As Per Plan	СҮ	161
703E04102	Aggregate Base, Size No. 1 & 2s, As Per Plan	CY	327
こうくとういいいい		EA	15000
832E30000	Erosion Control	EA	150

ESTIMATE OF QUANTITIES - ALTERNATE #1 (ARBOR DRIVE PAVEMENT RESTORATION AND STRIPING PLAN)

ITEM NUMBER	DESCRIPTION	UNIT	GRAND TOTAL
103S05001	Bonds and Insurance, As Per Plan	LS	1
202E30000	Walk Removed ¹	SF	400
202E32500	Curb and Gutter Removed ¹	FT	450
253E01001	Pavement Repair, As Per Plan ¹	SY	243
254E01001	Pavement Planing, Asphalt Concrete, As Per Plan	SY	4856
407E10000	Tack Coat	GAL	413
441E50000	Asphalt Concrete Surface Course, Type 1 (448), PG64-22	СҮ	169
441E50300	Asphalt Concrete Intermediate Course Type 2 (448)	СҮ	236
608E10000	4" Concrete Walk ¹	SF	400
609E14000	Curb Misc.: City of Columbus Combination Curb & Gutter, Type Mountable ¹	FT	450
611E99150	Inlet Adjusted to Grade, Method D.2, (Metal Riser), As Per Plan	EA	8
614E11000	Maintaining Traffic	LS	1
624E10000	Mobilization	LS	1
644E00620	Crosswalk Line, 12"	FT	425
644E00500	Stop Line	FT	48
659E00501	Seeding and Mulching, Class 1, As Per Plan ¹	SY	630
Notes			I

ITEM NUMBER	DESCRIPTION	UNIT	GRAND TOTAL
103S05001	Bonds and Insurance, As Per Plan	LS	1
203E10000	Excavation	СҮ	124
204E10000	Subgrade Compaction	SY	558
204E45000	Proof Rolling	HR	1
209E60201	Linear Grading, As Per Plan	STA	2
301E56000	Asphalt Concrete Base, PG64-22, (449)	СҮ	46
304E20000	Aggregate Base	СҮ	93
407E10000	Tack Coat	GAL	47
441E50000	Asphalt Concrete Surface Course, Type 1 (448), PG64-22	СҮ	19
441E50300	Asphalt Concrete Intermediate Course Type 2 (448)	СҮ	27
614E11000	Maintaining Traffic	LS	1
624E10000	Mobilization	LS	1
659E00501	Seeding and Mulching, Class 1, As Per Plan ¹	SY	170
Notes			ł

ESTIMATE OF QUANTITIES - ALTERNATE #2 (S. VERNON STREET PAVEMENT RESTORATION AND STRIPING PLAN)

ITEM NUMBER	DESCRIPTION	UNIT	GRAND TOTAL
103S05001	Bonds and Insurance, As Per Plan	LS	1
253E01001	Pavement Repair, As Per Plan ¹	SY	137
254E01001	Pavement Planing, Asphalt Concrete, As Per Plan	SY	1367
407E10000	Tack Coat	GAL	116
441E50000	Asphalt Concrete Surface Course, Type 1 (448), PG64-22	СҮ	47
441E50300	Asphalt Concrete Intermediate Course Type 2 (448)	СҮ	66
614E11000	Maintaining Traffic	LS	1
624E10000	Mobilization	LS	1
644E00620	Crosswalk Line, 12"	FT	42
644E00500	Stop Line	FT	12
659E00501	Seeding and Mulching, Class 1, As Per Plan ¹	SY	230
lotes	I	I	1

<u>ESTIMATE OF QUANTITIES - ALTERNATE #3</u> (POLICE DEPARTMENT PARKING LOT PAVEMENT RESTORATION AND STRIPING PLAN)

ITEM NUMBER	DESCRIPTION	UNIT	GRAND TOTAL
103S05001	Bonds and Insurance, As Per Plan	LS	1
253E01001	Pavement Repair, As Per Plan ¹	SY	60
254E01001	Pavement Planing, Asphalt Concrete, As Per Plan	SY	1320
407E10000	Tack Coat	GAL	112
441E50000	Asphalt Concrete Surface Course, Type 1 (448), PG64-22	СҮ	46
441E50300	Asphalt Concrete Intermediate Course Type 2 (448)	СҮ	64
611E98628	Catch Basin Adjusted to Grade, Method D.2, (Metal Riser), As Per P	EA	1
614E11000	Maintaining Traffic	LS	1
624E10000	Mobilization	LS	1
644E01200	Parking Lot Stall Marking	FT	360
644E01600	Handicap Symbol Marking	EA	1
644E00700	Transverse/Diagonal Line	FT	240
659E10000	Seeding and Mulching, Class 1, As Per Plan ¹	SY	20
Notes	· ·		
¹ Contingen	cy Items; actual quantities to be determined during construction.		

NUMBER	
103S05001 B	Bonds and I
409S95011 S	Special - As
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¹ Contingency	Items; actu

ESTIMATE OF QUANTITIES - ALTERNATE #4 (W. SEDGWICK AVENUE ASPHALT PAVING)

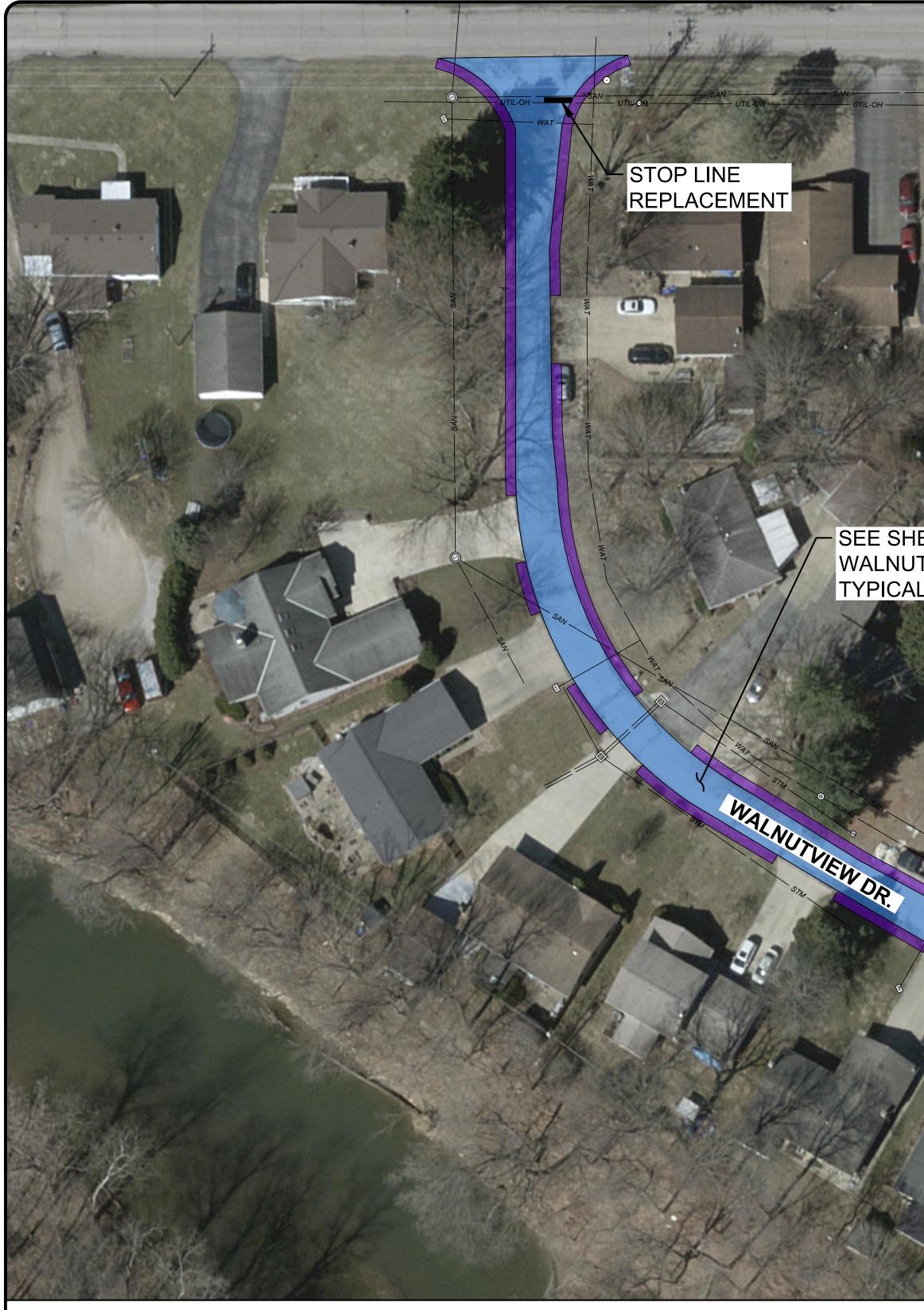
ESTIMATE OF QUANTITIES - ALTERNATE #5 (ASPHALT REJUVENATOR PLAN)

:M 1BER	DESCRIPTION	UNIT	GRAND TOTAL
)5001	Bonds and Insurance, As Per Plan	LS	1
95011	Special - Asphalt Pavement Rejuvenation	SY	55765

ctual quantities to be determined during construction.

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FULL DEPTH PAVEMENT REPLACEMENT WITH SUBGRADE STABILIZATION, AS PER PLAN (WALNUTVIEW DRIVE)



LIMITS OF LINEAR GRADING AND COMPACTED AGGREGATE SHOULDER, AS PER PLAN

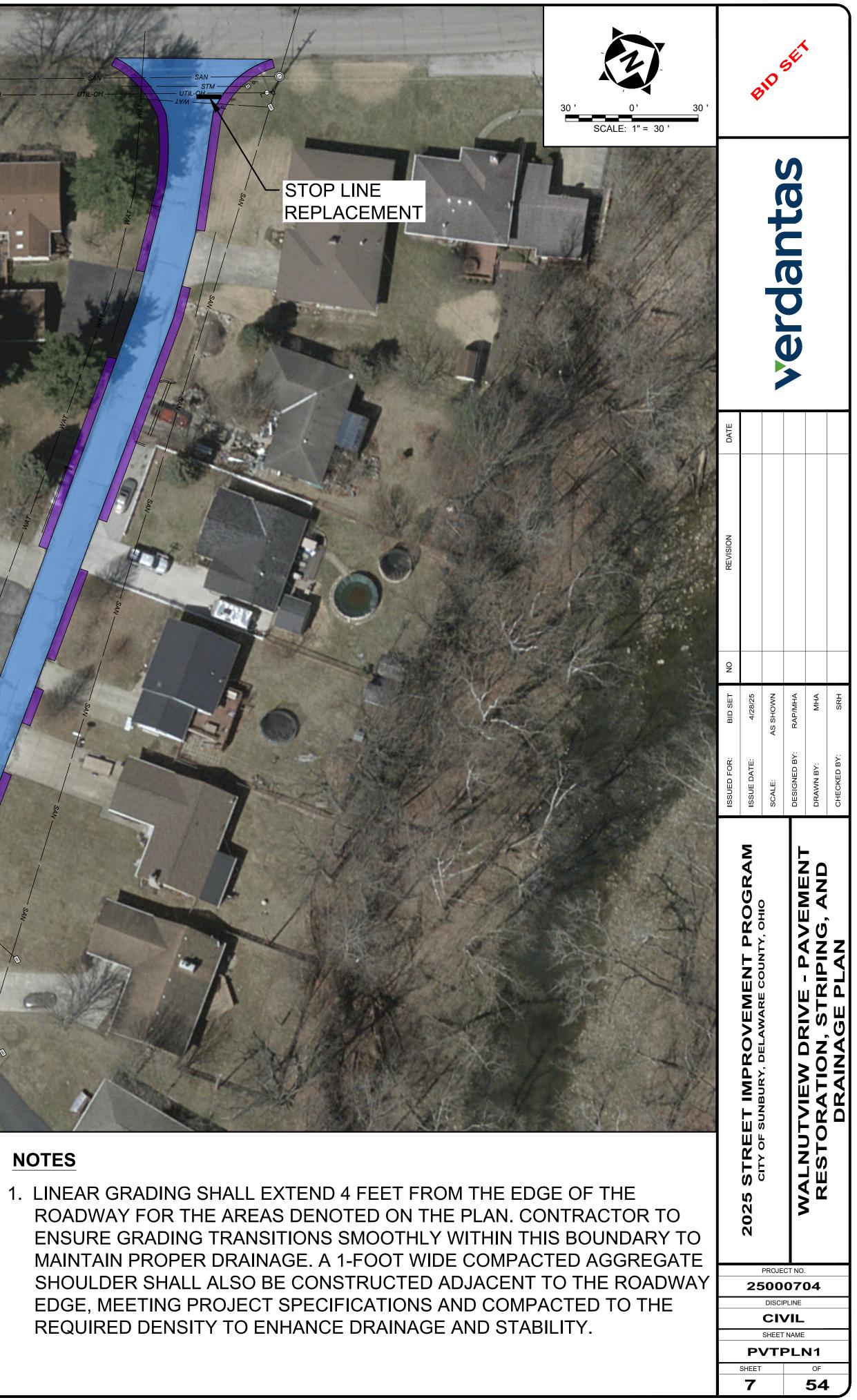


SEE SHEET 3 FOR THE WALNUTVIEW DRIVE TYPICAL SECTION DETAIL

> SEE NOTE 1-(TYP.)

WALNUTVIEW DRIVE - PAVEMENT RESTORATION, STRIPING, AND DRAINAGE PLAN

NOTES





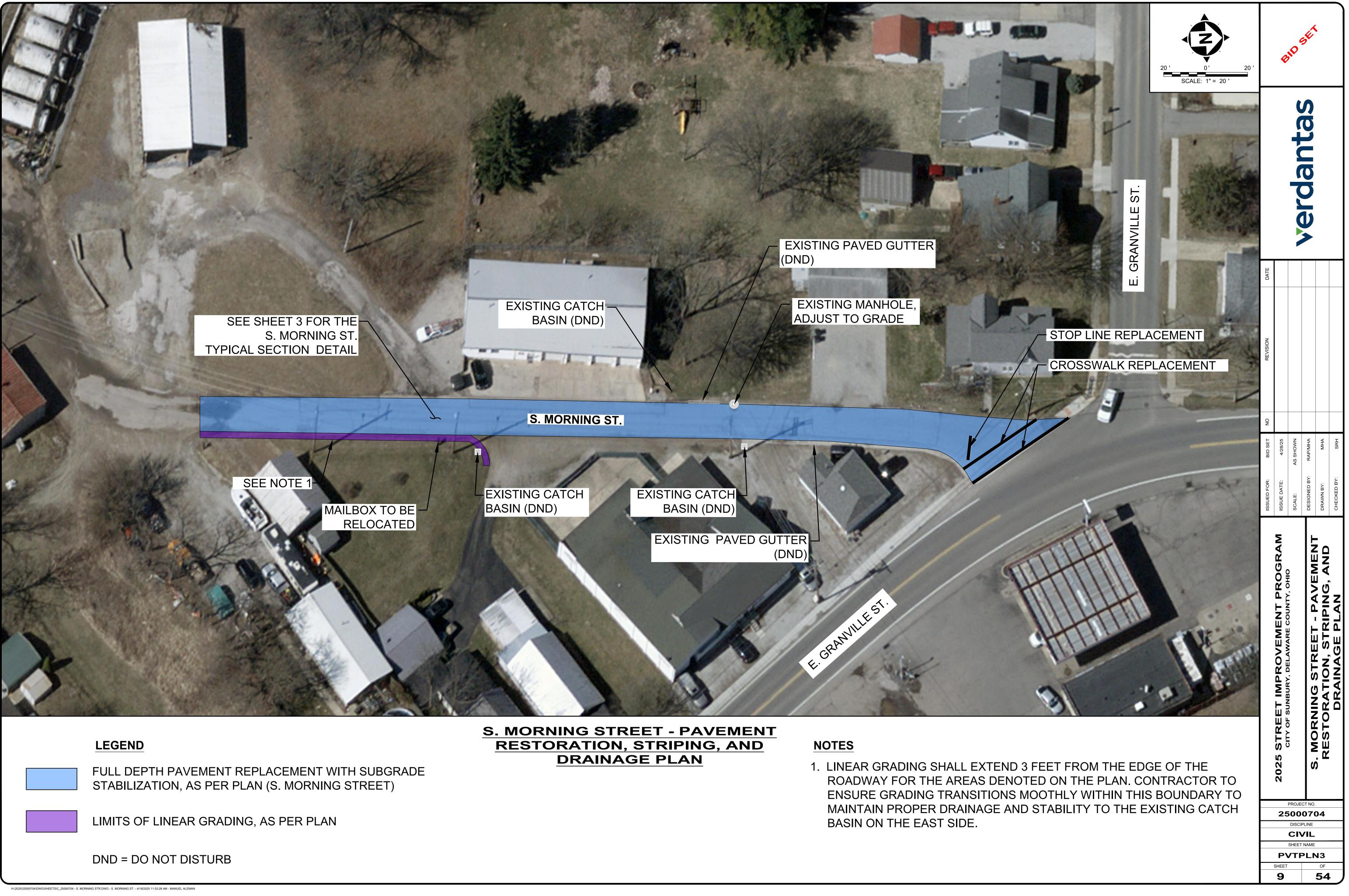
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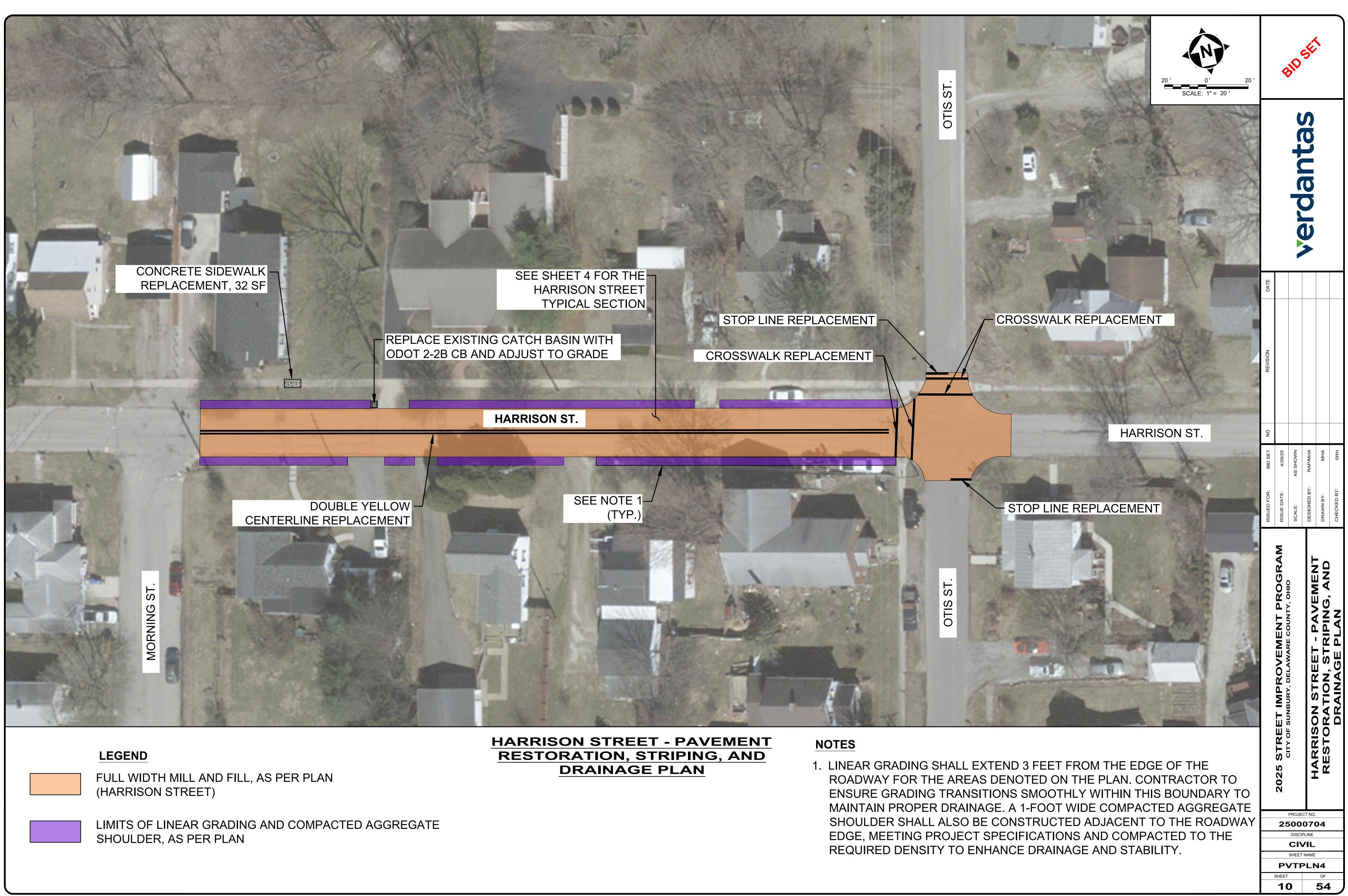


FULL DEPTH PAVEMENT REPLACEMENT WITH SUBGRADE STABILIZATION, AS PER PLAN (CENTRAL AVENUE)

CENTRAL AVENUE - PAVEMENT RESTORATION PLAN

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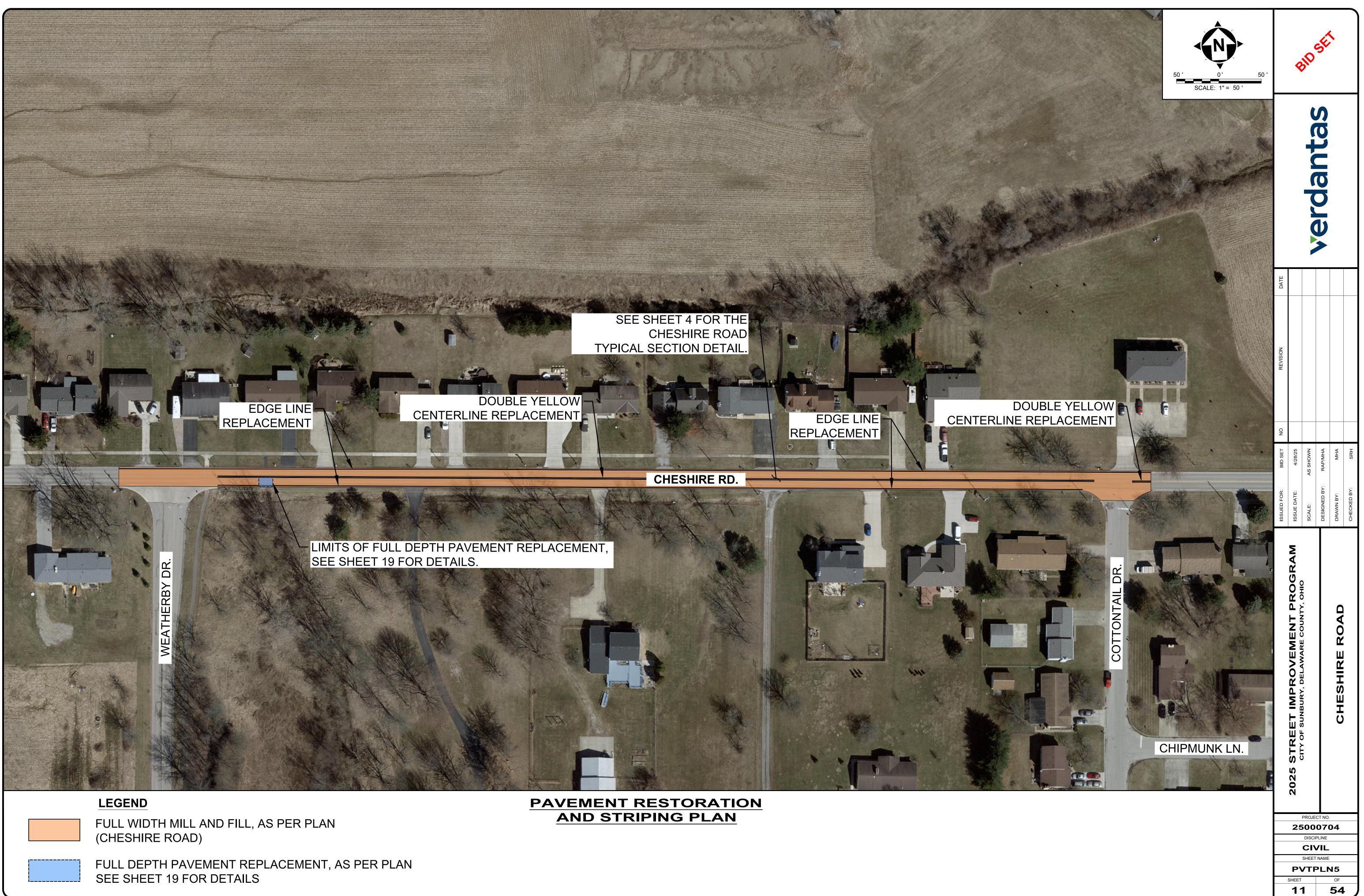




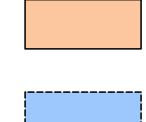
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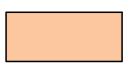


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FULL WIDTH MILL AND FILL, AS PER PLAN (STONE STREET)



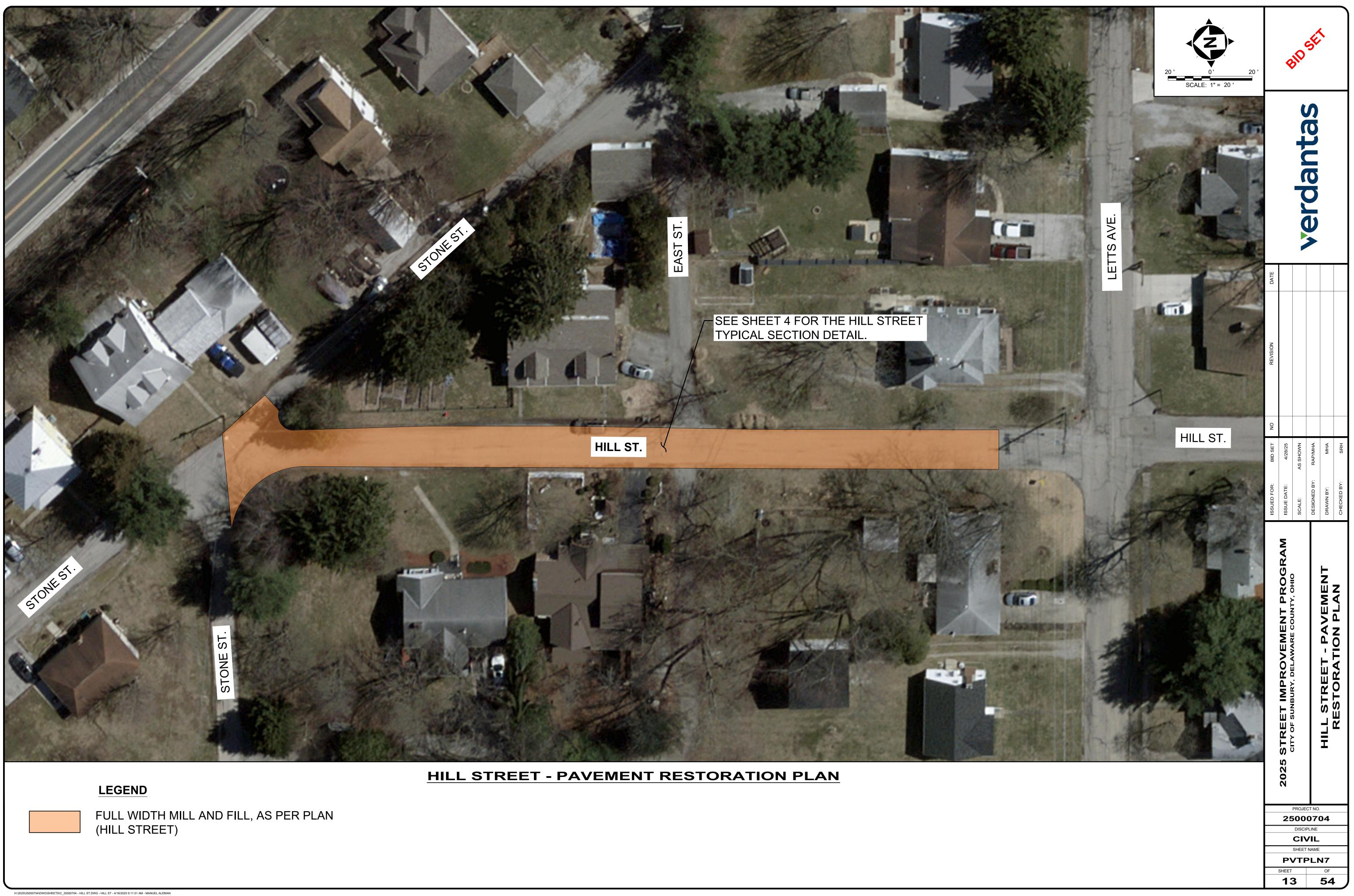
SEE SHEET 4 FOR THE STONE STREET TYPICAL SECTION DETAIL

STONE ST.

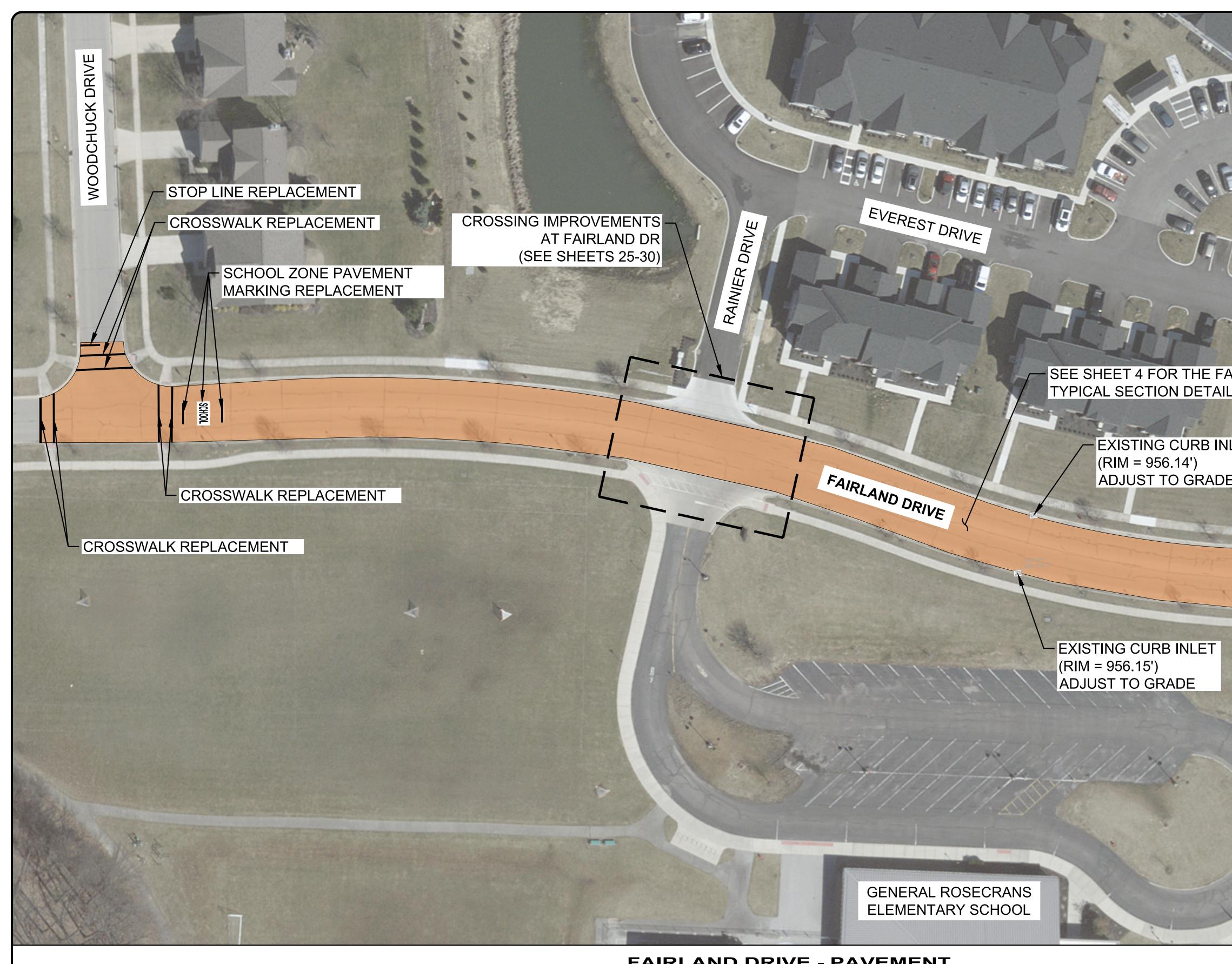
HILL ST

STONE STREET - PAVEMENT RESTORATION PLAN







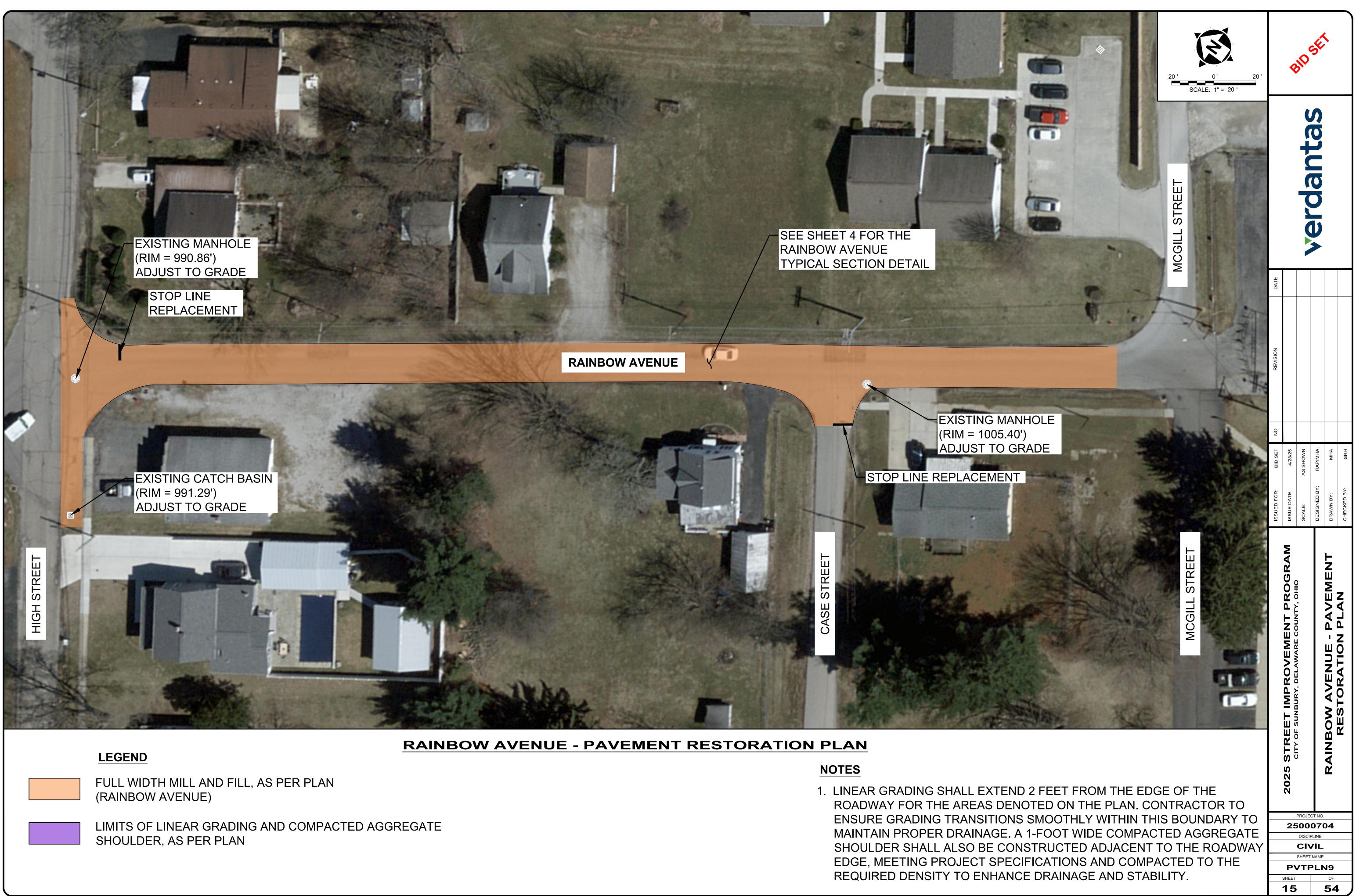


204\DWG\SHEETS\C_25000704 - FAIRLAND DR.DWG - PLAN - 4/16/2025 9:24:21 AM - MANUEL ALEMAN



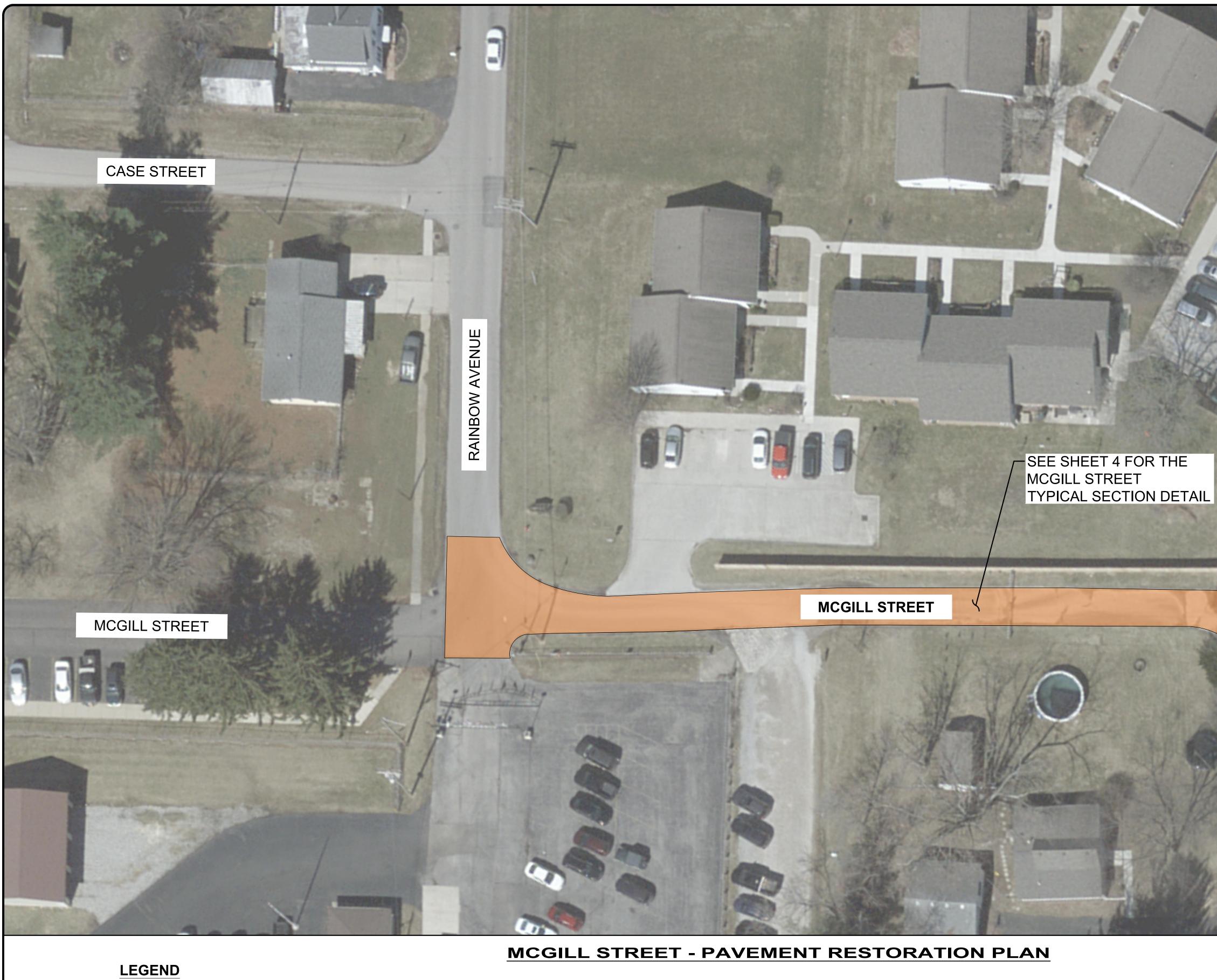
FULL WIDTH MILL AND FILL, AS PER PLAN (FAIRLAND DRIVE) FAIRLAND DRIVE - PAVEMENT RESTORATION AND STRIPING PLAN

ARLAND DRIVE NET CROSSWALK REPLACEMENT STOP LINE REPLACEMENT NUMBUR ON DRIVE STOP LINE REPLACEMENT NUMBUR ON DRIVE STOP LINE REPLACEMENT NUMBUR ON DRIVE NUMBUR ON DRIVE NUMUBUR ON DRIVE NUMBUR ON DRIVE NUMBUR ON DRIVE NUMBUR ON DRIVE NUMBUR ON DRIVE NUMBUR ON DRIVE NUMUE ON DRIV		BID	set		
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25000704 DISCIPLINE CIVIL SHEET NAME PVTPLN8 SHEET SHEET OF	STOP LINE	025 STREET IMPROVEMENT PROGRAM CITY OF SUNBURY, DELAWARE COUNTY, OHIO	FAIRLAND DRIVE - PAVEMENT ESTORATION AND STRIPING PLAN		
SHEET OF		25000704 DISCIPLINE CIVIL			





EETS\C 25000704 - RAINBOW AVE.DWG - RAINBOW AVE - 4/15/2025 11:36:39 AM - MANUEL ALEMAN

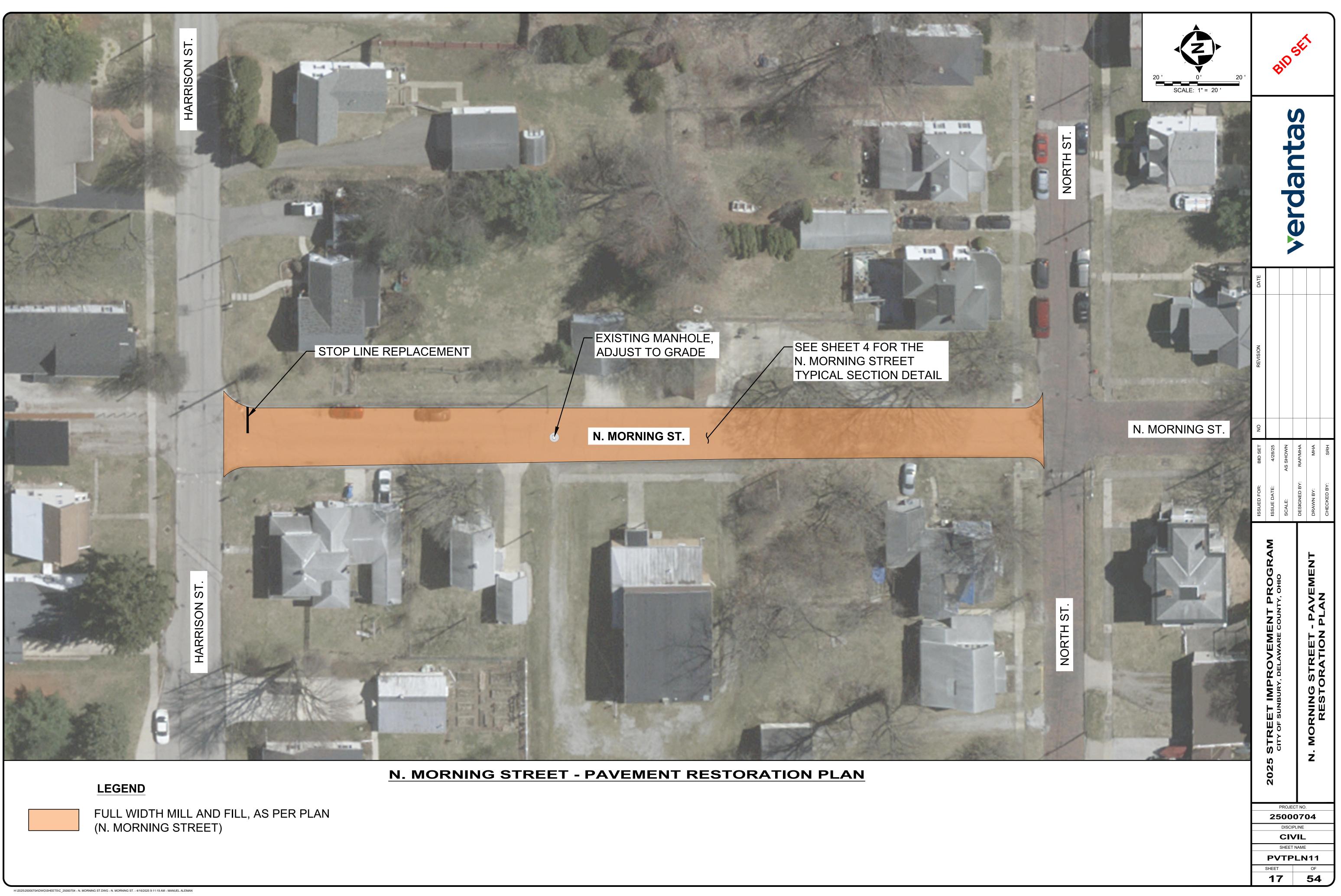


1:2025/25000704/DWG\SHEETS\C_25000704 - MCGILL ST.DWG - MCGILL ST - 4/14/2025 6:33:04 PM - MANUEL ALEMAN

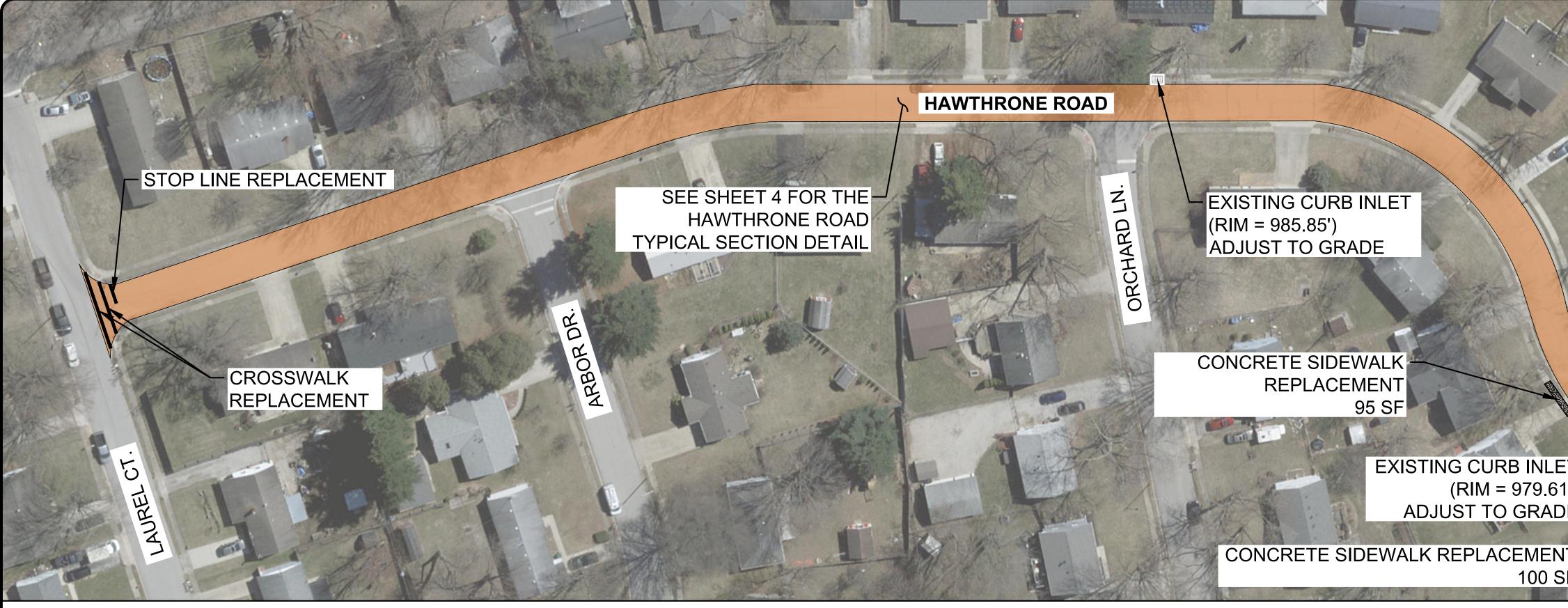


FULL WIDTH MILL AND FILL, AS PER PLAN (MCGILL STREET)

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EXISTING MANHOLE (RIM = 1000.38') ADJUST TO GRADE		2025 STREET IMPROVEMENT PROGRAM			MCGILL STREET - PAVEMENT RESTORATION PLAN	-
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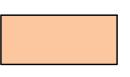




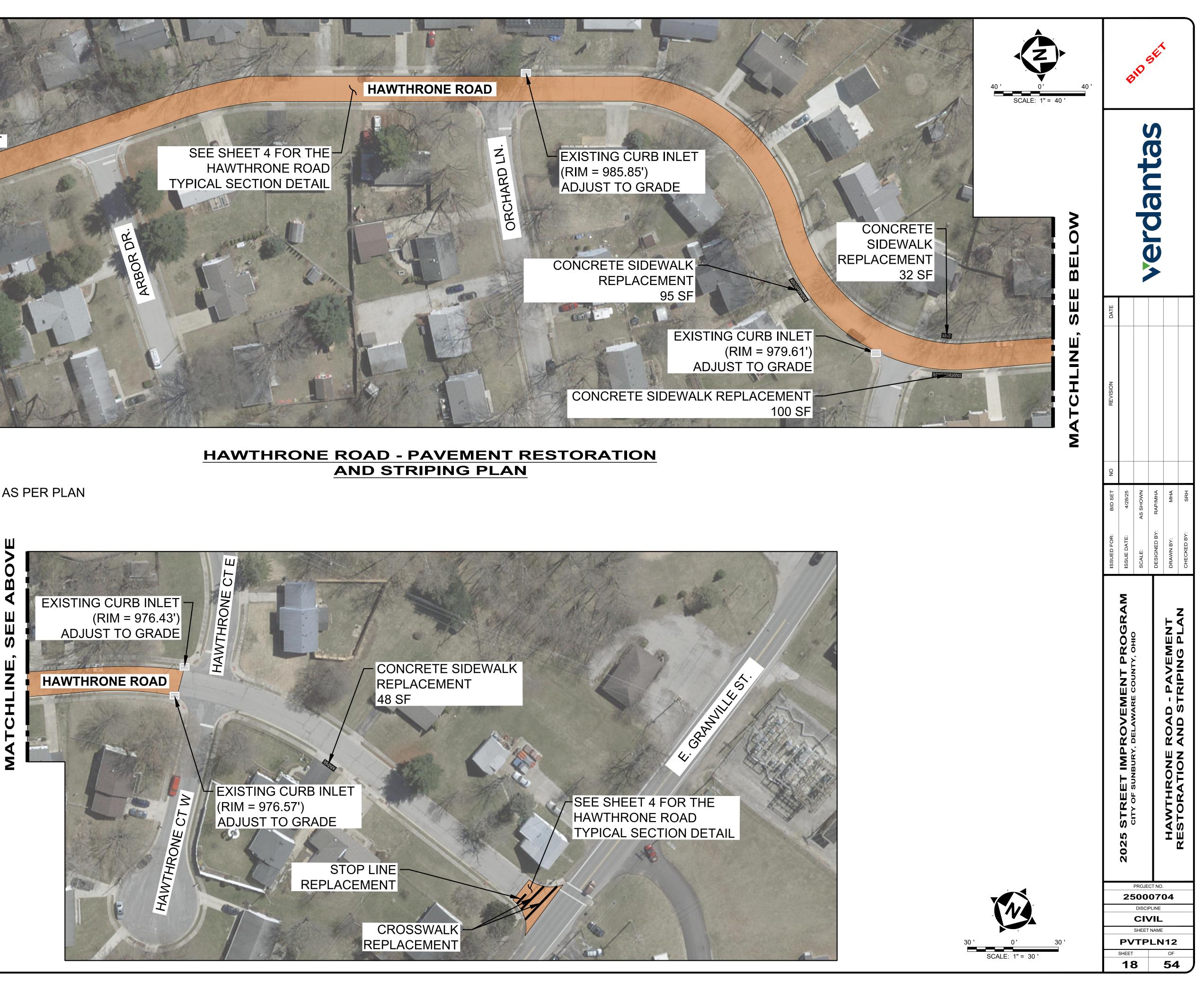


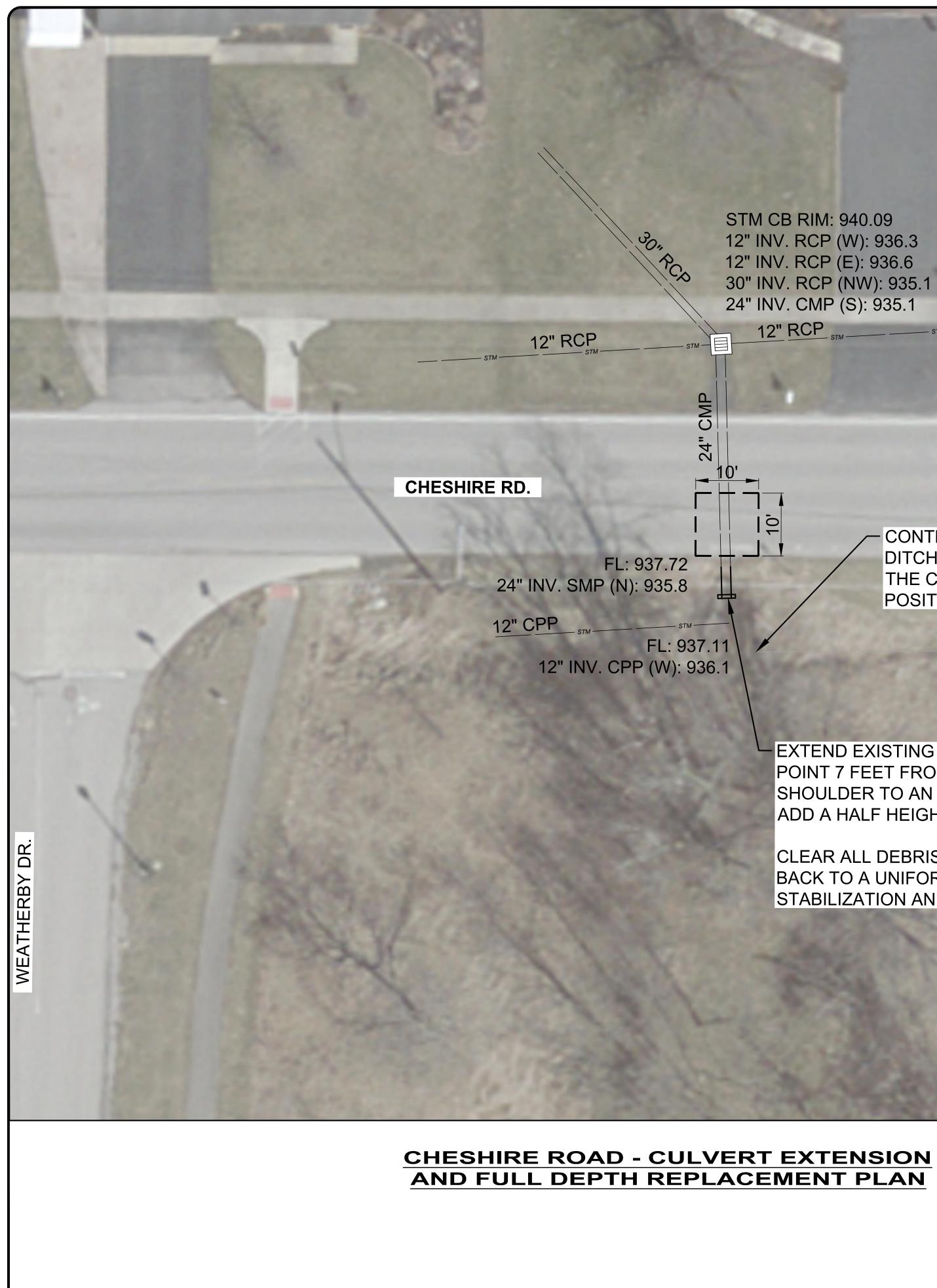
1:2025/25000704/DWG\SHEETS\C_25000704 - HAWTHRONE RD.DWG - HAWTHRONE RD - 4/23/2025 10:59:31 AM - MANUEL ALEMAN





FULL WIDTH MILL AND FILL, AS PER PLAN (HAWTHRONE ROAD)





204\DWG\SHEETS\C 25000704 - CULVERT EXTENSION AND FULL DEPTH PAVEMENT REPLACEMENT.DWG - CULVERT EXTENSION - 4/23/2025 10:29:08 AM - MANUEL ALEMA

STM CB RIM: 940.09 12" INV. RCP (W): 936.3 12" INV. RCP (E): 936.6 30" INV. RCP (NW): 935.1 24" INV. CMP (S): 935.1 12" RCP

10

DITCHES ON EITHER SIDE OF THE CULVERT TO PROVIDE POSITIVE DRAINAGE.

- CONTRACTOR TO GRADE

- EXTEND EXISTING 24" CULVERT BY 5 FEET TO A POINT 7 FEET FROM THE EDGE OF PAVED SHOULDER TO AN INVERT ELEVATION OF 935.90'. ADD A HALF HEIGHT HEADWALL.

CLEAR ALL DEBRIS AND REGRADE SIDE SLOPES BACK TO A UNIFORM 3:1 RATIO FOR STABILIZATION AND DRAINAGE.

LEGEND

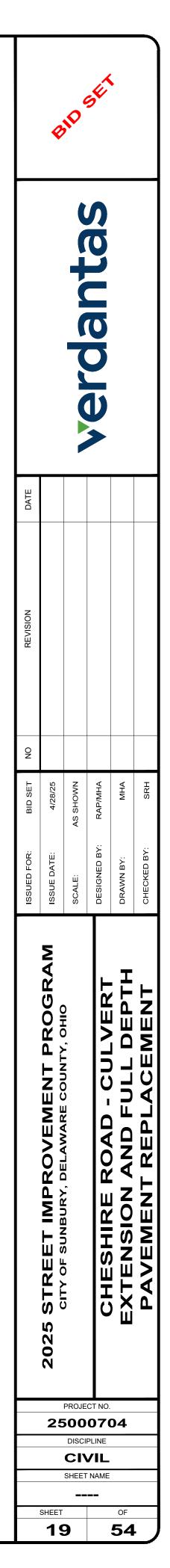
LIMITS OF FULL DEPTH PAVEMENT REPLACEMENT, SEE TYPICAL SECTION ON SHEET 4.

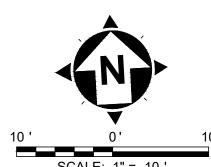
NOTES

CULVERT EXTENSION SHALL BE 24" CONDUIT, TYPE A, 706.02 (REINFORCED CONCRETE PIPE).

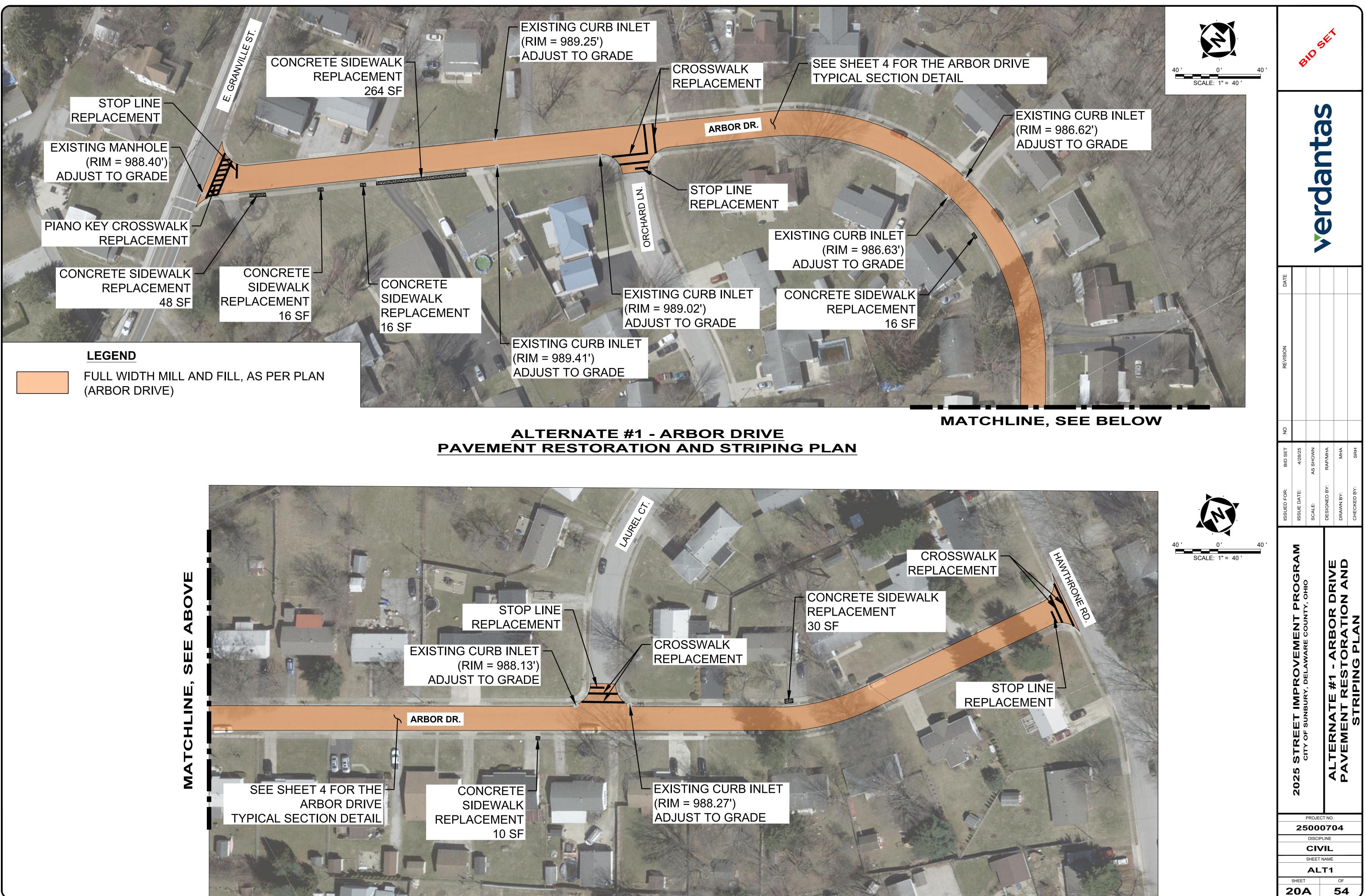
2. A PIPE COLLAR AS PER SCD DM-1.1 SHALL BE USED TO CONNECT THE PROPOSED CONCRETE CULVERT TO THE EXISTING STEEL CULVERT.

3. HEADWALL SHALL BE AS PER SCD HW-2.2.

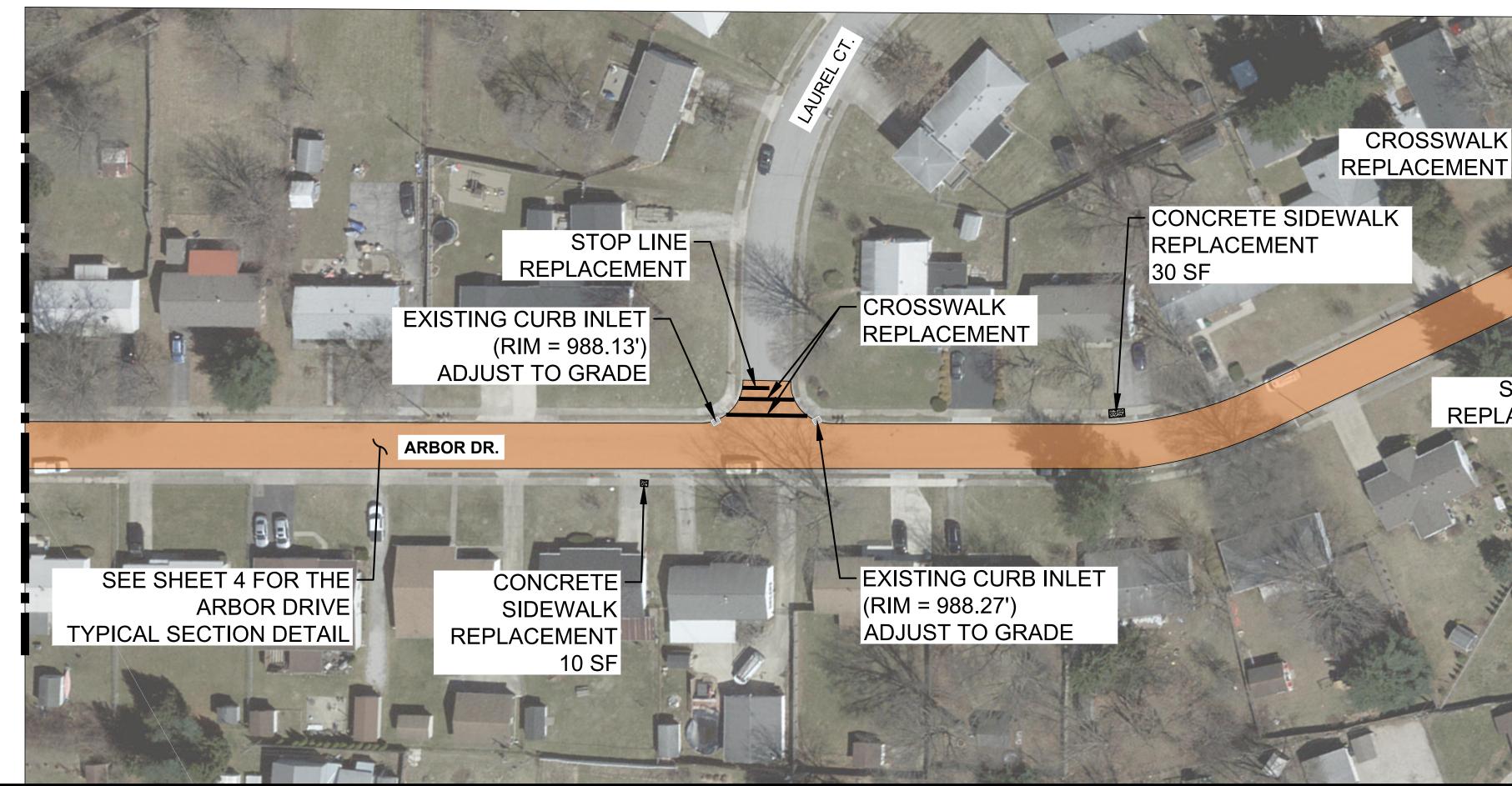




SCALE: 1" = 10







\2025\25000704\DWG\SHEETS\C_25000704 - ARBOR DR.DWG - ALT 1 - ARBOR DR - 4/23/2025 11:58:15 AM - MANUEL ALEMAN



\2025\25000704\DWG\SHEETS\C_25000704 - ALTERNATE - S VERNON ST.DWG - ALT 2 - S. VERNON ST. - 4/16/2025 7:54:43 AM - MANUEL ALEMAN



FULL WIDTH MILL AND FILL, AS PER PLAN (S. VERNON STREET)

S. VERNON ST.

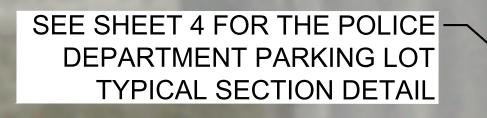
SEE SHEET 4 FOR THE S. VERNON STREET TYPICAL SECTION DETAIL.

- 18 1 BURL &

11124

ALTERNATE #2 - S. VERNON STREET PAVEMENT RESTORATION AND STRIPING PLAN

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RELOCATED WHEEL -STOP LOCATION

PROPOSED VAN-ACCESSIBLE -HANDICAP PARKING SIGN

> PROPOSED -PAINTED HANDICAP MARKING

EXISTING CATCH BASIN, -ADJUST TO GRADE

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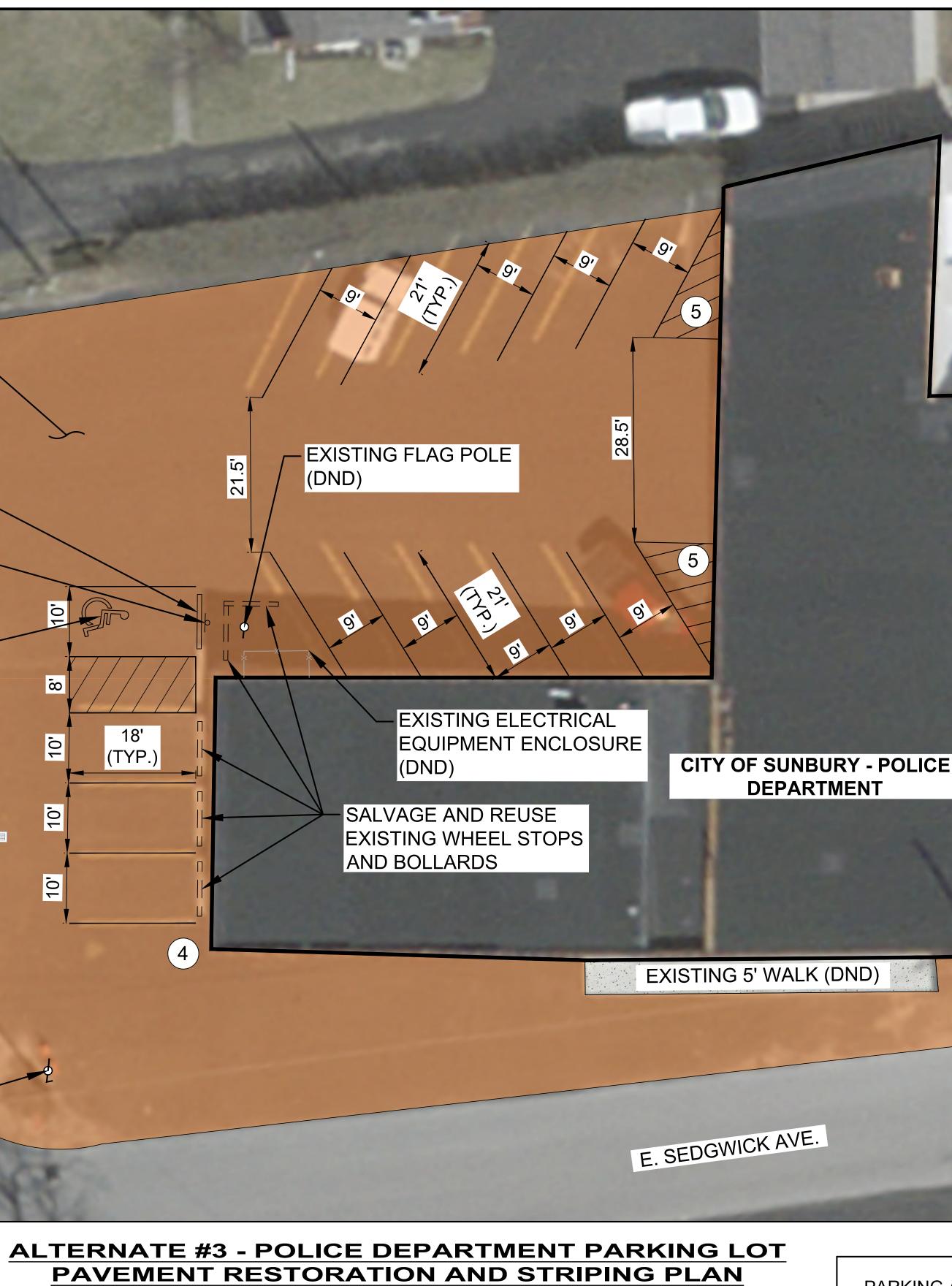
EXISTING UTILITY POLE -(DND)

LEGEND

H:/2025/25000704/DWG\SHEETS\C_25000704 - ALTERNATE - POLICE DEPARTMENT PARKING LOT.DWG - ALTERNATE 3 - POLICE DEPARTMENT PARKING LOT - 4/18/2025 7:39:01 AM - MANUEL ALEMAN



FULL WIDTH MILL AND FILL, AS PER PLAN (POLICE DEPARTMENT PARKING LOT)

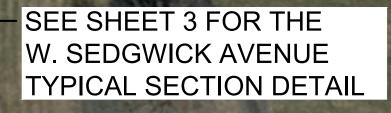


PARKING 60° 90° 90° ADA-CO VAN ACCE

TOTAL

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		10 ' 0' 10 SCALE: 1" = 10 '	,	Ø	ND E	jet.	
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				STREET IMPROVEMENT PROGRAM		POL-	PARKING LUI PAVEMENT
ANGLE	DIMENSIONS (WIDTH X LENGTH)	NUMBER OF STALLS		2025 \$		ALTE	RES [.]
)°	9' X 21' 10' X 18'	10 3			PROJEC		
OMPLIANT					DISCIPL		
ESSIBLE	12' X 18'	1				IAME	
. NUMBER (OF PARKING STALLS	14		SHEET		ГЗ ^{ог} 54	
				/		3	+



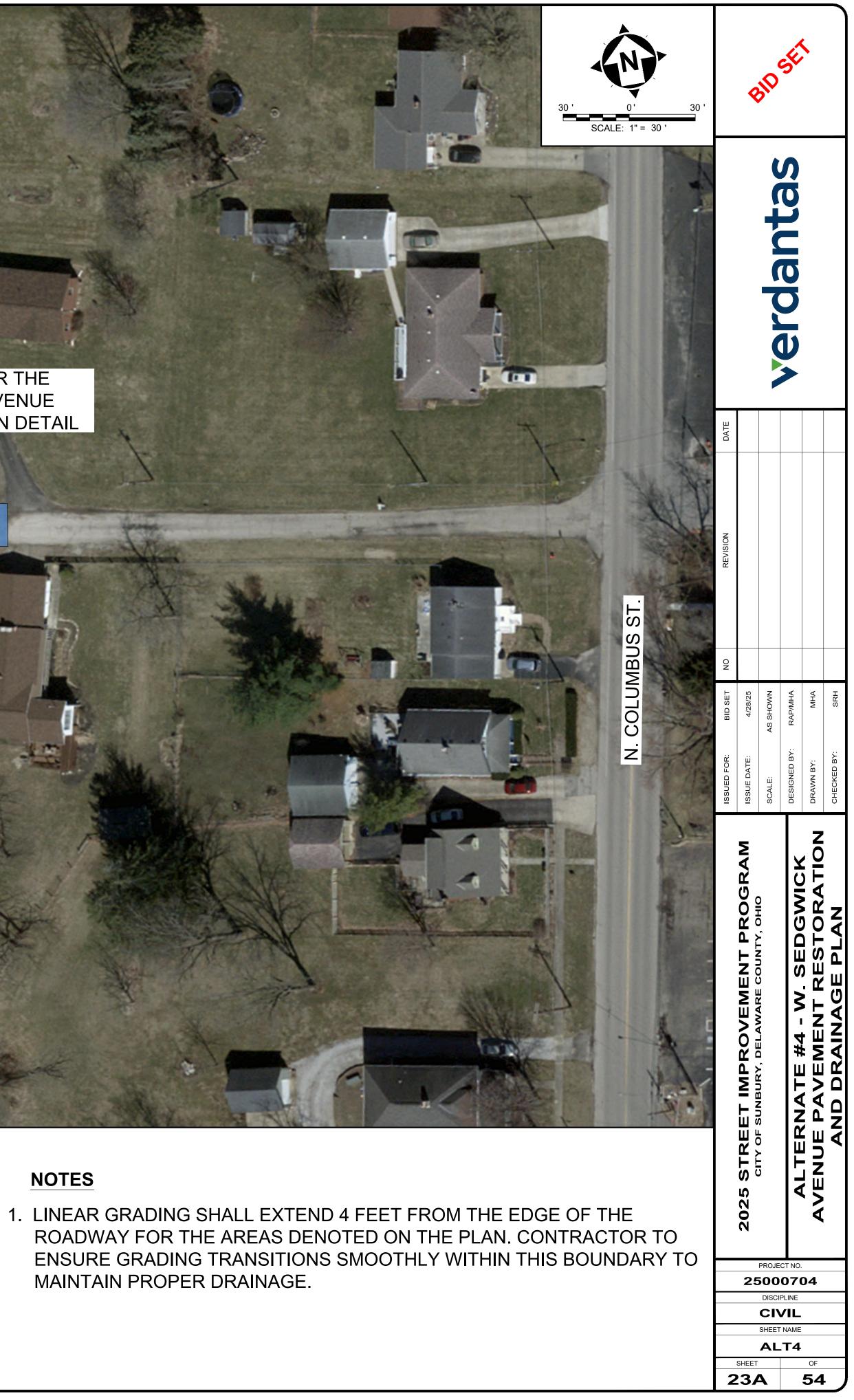


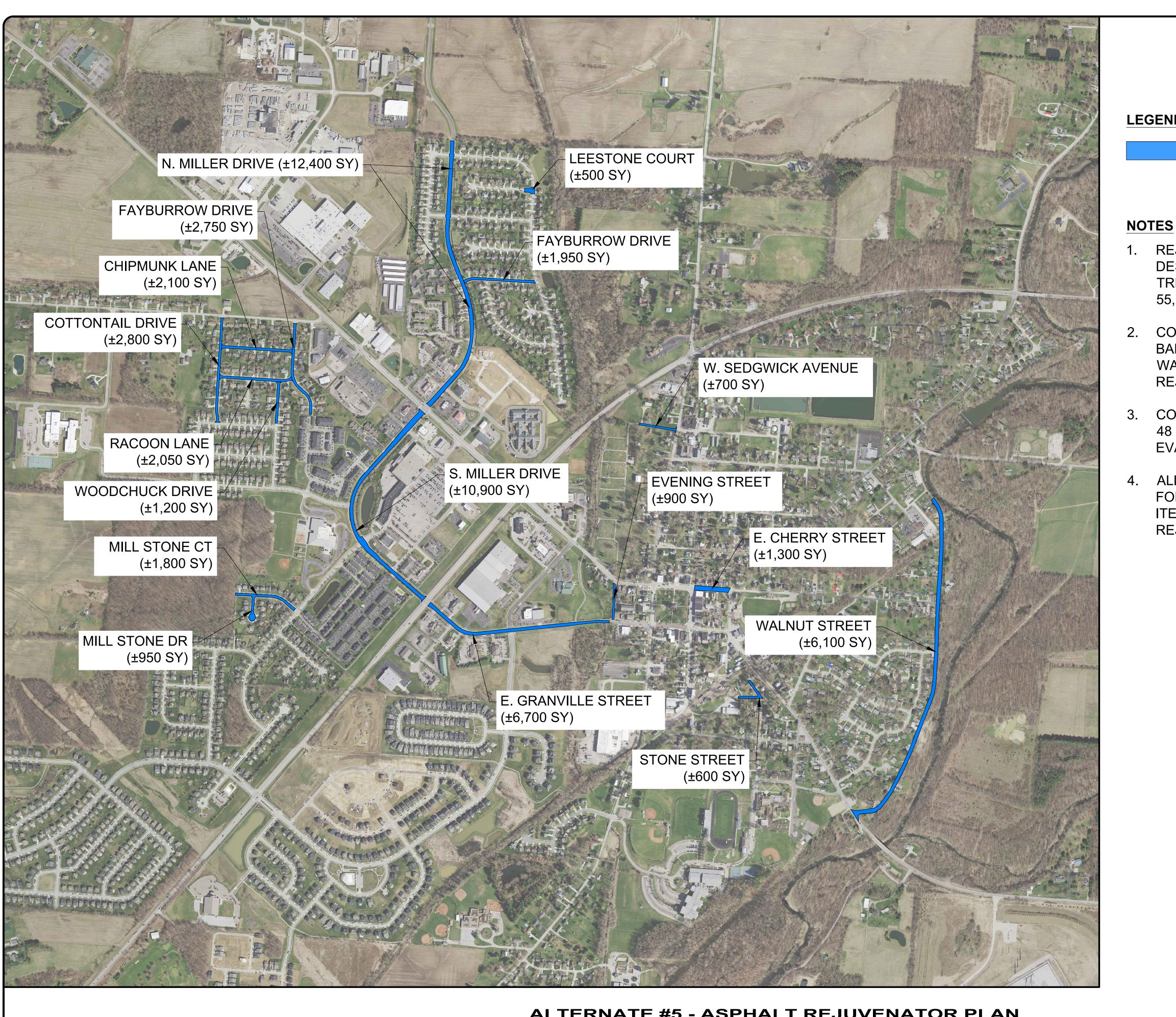
W. SEDGWICK AVE.

ALTERNATE #4 - W. SEDGWICK AVENUE PAVEMENT RESTORATION AND DRAINAGE PLAN

NOTES

MAINTAIN PROPER DRAINAGE.





SHEETS\C 25000704 - ALTERNATE - ASPHALT REJUVENATOR PLAN.DWG - ALT 5 - ASPHALT REJUVENTOR PLAN - 4/17/2025 4:45:45 PM - MANUEL ALEMA

ALTERNATE #5 - ASPHALT REJUVENATOR PLAN

LEGEND



ASPHALT REJUVENATOR (RECLAMITE OR ENGINEER'S APPROVED EQUAL)

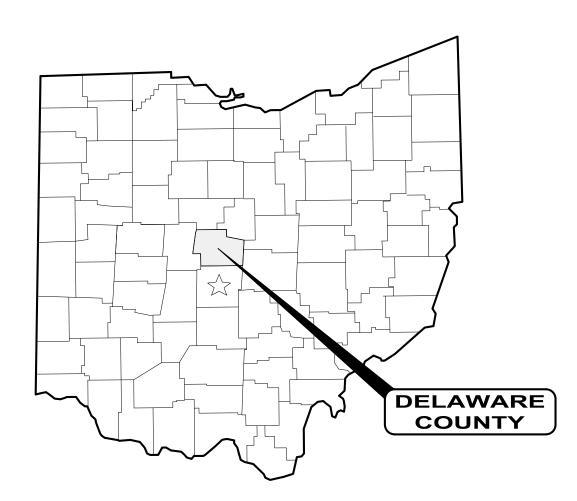
1. REJUVENATOR TO BE APPLIED ALONG DESIGNATED STREETS WITH A TOTAL TREATMENT AREA OF APPROXIMATELY 55,700 SQUARE YARDS.

2. CONTRACTOR TO INSTALL PROTECTIVE BARRIERS NEAR ALL STORM DRAINS, WATERWAYS, AND VEGETATION PRIOR TO **REJUVENATOR APPLICATION.**

3. CONTRACTOR TO PERFORM INSPECTIONS 48 HOURS AFTER APPLICATION TO EVALUATE PERFORMANCE.

4. ALL WORK ON THIS PLAN SHALL BE PAID FOR UNDER THE LUMP SUM PRICE BID FOR ITEM 203 ROADWAY, MISC.: ASPHALT REJUVENATION

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of 54		04	ALTERNATE #5 - ASPHALT	DRAWN BY:	МНА			
			REJUVENATOR PLAN	CHECKED BY:	SRH			



- ENGINEERING PLANS FOR -**GENERAL ROSECRANS ELEMENTARY CROSSING IMPROVEMENTS AT FAIRLAND DRIVE** CITY OF SUNBURY, DELAWARE COUNTY, OHIO

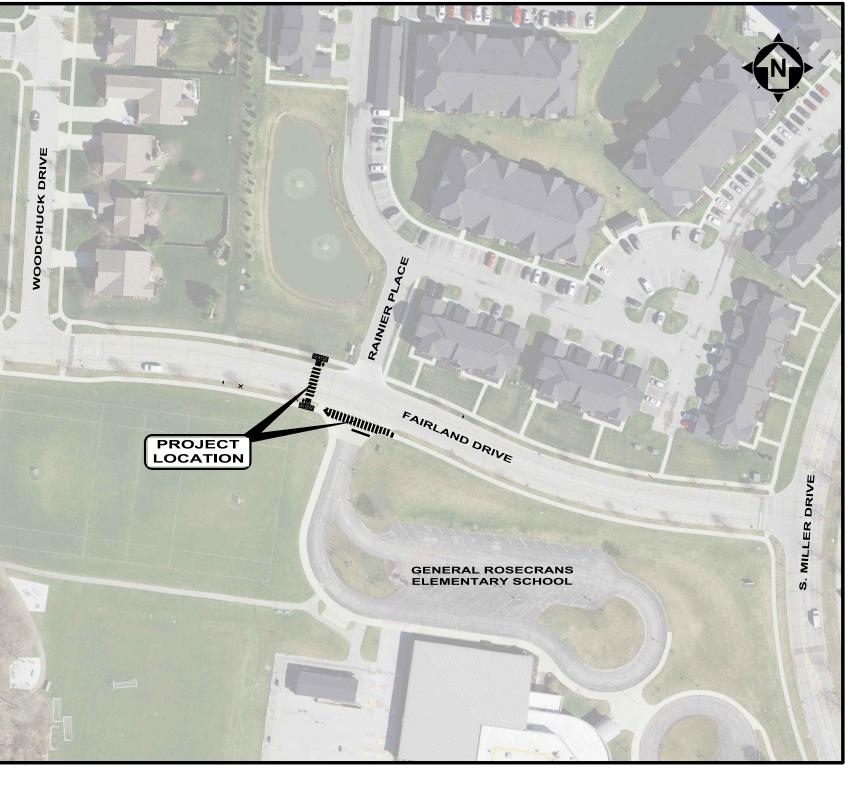
	BENCH MARKS (NAVD 1988)	
NO.	DESCRIPTION	ELEV
BM1	POINT 100: BENCHMARK "O" IN OPEN ON HYDRANT WEST OF RAINIER PLACE NORTHING: 211166.9787 EASTING: 1864421.4446	961.66
BM2	POINT 101: BENCHMARK "O" IN OPEN ON HYDRANT EAST OF RAINIER PLACE NORTHING: 211054.2016 EASTING: 1864732.0353	960.44
BM3	POINT 102: BENCHMARK "O" IN OPEN ON HYDRANT ON SCHOOL PROPERTY - NEAR PLAYGROUND NORTHING: 210879.3548 EASTING: 1864528.2443	957.82

	UTILITY COMPANIE	S
OTHERS) AND AVAILABLE RECO	ES SHOWN ON THIS PLAN ARE BAS RDS, AND AS SUCH, SHOULD BE F STRUCTION ACTIVITY - CALL BEF (IELD VERIFIED PRIOR TO
STORM AND SANITARY:	WATER:	COUNTY:
CITY OF SUNBURY ATTN: DAN WHITED 6397 EMERALD PKWY, ST 200 DUBLIN, OHIO 43016 (614) 779-0040 dwhited@ctconsultants.com	DEL-CO WATER COMPANY 6658 OLENTANGY RIVER RD. DELAWARE, OHIO 43015 ATTN: DAVE WOLFE (740) 548-7746 EXT. 2403 dwolf@delcowater.com	DELAWARE COUNTY ENGINEER ATTN: CHRIS BAUSERMAN 1610 STATE ROUTE 521 DELAWARE, OHIO 43015 (740) 833-2400 cbauserman@co.delaware.oh.us
ELECTRIC: AMERICAN ELECTRIC POWER ATTN: BRENT GATES 700 MORRISON ROAD GAHANNA, OHIO 43230 (614) 883-6802 bmgates@aep.com	GAS: COLUMBIA GAS OF OHIO ATTN: ROB CALDWELL 3350 JOHNNY APPLESEED CT. COLUMBUS, OHIO 43231 (614) 818-2104 rcaldwell@nisource.com LORI WADE: 614-493-7368	
COMMUNICATION: BRIGHTSPEED ATTN: HALEY WOODS 250 W. OLD WILSON ROAD, SUITE 130 WORTHINGTON, OHIO 43085 haley.woods@lumen.com relocations@brightspeed.com		Before Vost Dig

STAI	NDARD CONS	TRUCTION I	DRAWINGS
	ARD CONSTRUCTION DF BE CONSIDERED AS PAI		MUNICIPALITY OR UTILITY REOF.
ODOT	CITY / CC	DUNTY	SUPPLEMENTAL SPEC
BP-7.1 TC-41.20 TC-41.30 TC-52.10 TC-52.20 TC-74.10 TC-83.20 TC-87.10 MT-110.10 MT-97.10			SS 832

H:\2024\24000711\DWG\SHEETS\C_24000711 - TITLE SHEET.DWG - TITLE SHEET - 4/15/2025 12:05:31 PM - MANUEL ALEMAN

2025



VICINITY MAP SCALE: 1" = 100'

LI	ST OF DRAWINGS
25	TITLE SHEET
26	GENERAL NOTES & QUANTITIES
27	SITE PLAN
28	CURB & RAMP DETAILS
29	SIGNAGE & STRIPING PLAN
30	MAINTENANCE OF TRAFFIC NOTES AND DETAILS

CITY OFFICIALS:

ADMINIST

JOE ST. JOHN......

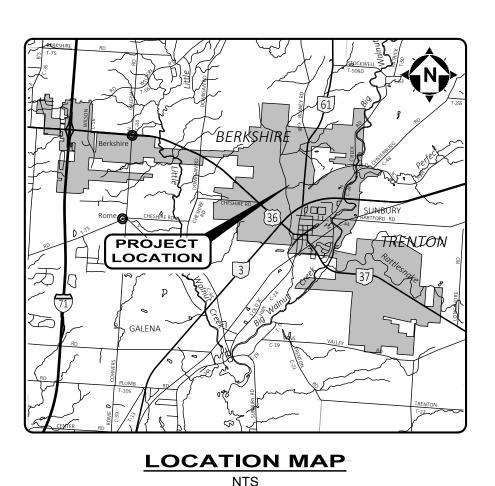
THE CITY OF SUNBURY'S SIGNATURE ON THIS PLAN SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND LOCATION OF THE PROPOSED IMPROVEMENTS. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THESE PLANS. Carla Odebralski April 17, 2025 DATE

Daryl Hennessy

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



4-16-25 DATE



ENGINEER

VERDANTAS 6397 EMERALD PKWY, SUITE 200 DUBLIN, OHIO 43016 OFFICE: 614-885-1700 CONTACT: ERIC TROYER, P.E. EMAIL: ERIC.TROYER@VERDANTAS.COM OWNER

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

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COUNCIL: .. MAYOR TIMOTHY GOSE PRESIDENT DARYL HENNESSY CITY ADMINISTRATOR MURRAY NEFF COUNCIL MEMBER DANA STEFFAN..... DIRECTOR OF FINANCE DAVID MARTIN COUNCIL MEMBER ROBERT HOWARD POLICE CHIEF DAMIN CAPPEL COUNCIL MEMBER CARLA ODEBRALSKI... CITY ENGINEER COUNCIL MEMBER CINDI COOPER JOHN GRUMNEY COUNCIL MEMBER

CONSTRUCTION PLAN APPROVALS:

CARLA OBEDRALSKI, CITY OF SUNBURY, CITY ENGINEER

DARYL HENNESSY, CITY OF SUNBURY, CITY ADMINISTRATOR

<u>April 17, 2025</u> DATE

DESIGN ENGINEER:

Noven ERIC J. TROYER, P.E. NO. E-53926



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REVISION					
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BID SET	4/28/25	AS SHOWN	EJT	BKU	JML
ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
GENERAL ROSECRANS ELEMENTARY	CROSSING IMPROVEMENTS AT FAIRLAND DR.	CITY OF SUNBURY, DELAWARE COUNTY, OHIO		TITLE SHEET	
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CITY OF SUNBURY GENERAL NOTES:

- 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, 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.
- THE CITY OF SUNBURY DETAILED SPECIFICATIONS TOGETHER WITH ALL SUPPLEMENTS 2. THERETO, ODOT 2023 EDITION, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN IN THE PLANS UNLESS OTHERWISE NOTED.
- 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.
- THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE CITY OF SUNBURY ENGINEER AT LEAST (7) SEVEN WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A VIDEO RECORD OF THE SITE TO THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION. EMPHASIS OF THE VIDEO SHOULD BE ON EXISTING DEVELOPED AREAS CONTIGUOUS WITH THE PROJECT WORK AREAS.
- 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.
- 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.
- ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST AT THE OFFICE OF THE CITY ENGINEER.
- APPROVAL OF THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY.
- 10. 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.
- 11. THE CONTRACTOR AND SUBCONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE CITY OF SUNBURY.
- 12. 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.
- 13. ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED TO ORIGINAL CONDITION OR CONNECTED TO THE CURB SUBDRAIN OR TO THE STORM SEWER SYSTEM AS DIRECTED BY THE ENGINEER.
- 14. INGRESS AND EGRESS SHALL BE MAINTAINED TO PUBLIC AND PRIVATE PROPERTY.
- THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL EXISTING WORK DAMAGED 15. 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.
- 16. 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.
- 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.
- 18. 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 24-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".
- 19. THE COST OF DEWATERING OR ROCK EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR SANITARY PIPE. THE BIDDER SHALL DETERMINE IF ANY DEWATERING OR ROCK EXCAVATION WILL BE REQUIRED AND ADJUST THEIR BIDS ACCORDINGLY.
- 20. PAVEMENT CUTS FOR UTILITY LINE INSTALLATIONS SHALL BE SUBJECT TO THE BACKFILL REQUIREMENTS OF ODOT ITEM 203. PAVEMENT SHALL BE PLACED TO MATCH EXISTING SECTION OR 10 INCHES OF 448 ASPHALT, WHICHEVER IS GREATER. DEEP TRENCHES MAY NOT BE PARTIALLY FILLED WITH LARGE SIZE AGGREGATE.
- 21. 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.
- 22. 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.
- 23. 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.
- 24. 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.
- 25. ALL AREAS IN THE RIGHT-OF-WAY ARE TO BE GRADED AND SEEDED AS SOON AS WORK IN THAT AREA IS COMPLETE.
- 26. THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION AND MAINTENANCE OF A PORTABLE TOILET ON THE SITE DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COMPACTION AS WELL AS ASPHALT AND 27. CONCRETE TESTING. TESTING IS TO BE PERFORMED BY A REGISTERED CONTRACTOR AS SPECIFIED BY THE CITY ENGINEER.
- 28. THE CITY ENGINEER RESERVES THE RIGHT TO DIRECT PROJECT SPECIFIC CHANGES TO ANY CITY CONSTRUCTION NOTE AND SPECIFICATION.

- PRICE BID FOR THE WORK.
- SPECIFICALLY PROVIDED.
- INCLUDED IN THE TOTAL CONTRACT PRICE BID.
- RECORDS.
- VIDEOTAPING.
- DESTROYED BY THEIR PERSONNEL OR EQUIPMENT.
- 38. REVIEW.
- MAINTENANCE.
- OR CONCRETE IS SPECIFIED OTHERWISE IN THE DRAWINGS.
- MOWING.
- GRANULAR FILL.
- PLOW/MAINTENANCE OF ROAD PAVEMENT.
- NPDES PERMIT.

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

30. 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.

31. 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

32. THE CONTRACTOR SHALL PROVIDE THE CITY 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.

33. 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

34. 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

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

36. PRIOR TO THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL TAKE PHOTOGRAPHS AND VIDEO OF THE PROJECT SITE PER THE SPECIFICATIONS. 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

37. 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

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

39. 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

40. AT ALL UTILITY CROSSINGS, THE BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL BETWEEN THE DEEPER AND SHALLOWER PIPE UNLESS CONTROLLED DENSITY FILL

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

42. 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 INSURE 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

43. 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

44. DISTURBANCE TO THIS SITE IS COVERED BY OEPA GENERAL PERMIT OHC000006 AND THE

ITEM 202 - CURB REMOVED, AS PER PLAN:

CURB SHALL BE REMOVED BY SAW CUTTING. GUTTER SHALL BE LEFT IN PLACE. GRIND OFF LIP OF CURB SO THAT GUTTER IS FLUSH WITH CURB RAMP. COST OF SAW CUTTING AND GRINDING SHALL BE INCLUDED IN THIS ITEM.

ITEM 608 - CURB RAMP, AS PER PLAN:

CURB RAMP WILL BE CONSTRUCTED PER ODOT BP-7.1 TYPE C2. NO CURBING IS NECESSARY AT BACK OF THE RAMP AS THE DROP IS LESS THAN SIX INCHES.

THE COST OF ITEM 608 - 4" CONCRETE WALK (ADJACENT TO THE CURB RAMP LANDING) AND ITEM 203 - EXCAVATION NECESSARY TO CONSTRUCT THE CURB RAMPS AND SIDEWALK, ITEM 204 - SUBGRADE COMPACTION, AND ITEM 304 - AGGREGATE BASE SHALL BE INCLUDED IN THIS ITEM.

ITEM 630 - GROUND MOUNTED SUPPORT, NO. 3 POST, AS PER PLAN:

GROUND MOUNTED POST SUPPORTS SHALL BE A SQUARE POST WITH ANCHOR BASE AS PER DETAIL ON ODOT STANDARD DRAWING TC-41.20. ALL POSTS SHALL BE 2" X 2" 12 GAUGE SQUARE TUBING WITH OPEN HOLES AND ALL ANCHOR BASES SHALL BE $2\frac{1}{4}$ " X $2\frac{1}{4}$ " 12 GAUGE SQUARE TUBING WITH OPEN HOLES.

ITEM 630 - SIGN, FLAT SHEET, AS PER PLAN:

IN ADDITION TO 630, ALL SIGN SHEET MATERIAL SHALL BE DIAMOND GRADE DG4 MANUFACTURED BY 3M COMPANY OR APPROVED EQUAL.

ITEM 644 - CROSSWALK LINE, AS PER PLAN:

CROSSWALK LINE SHALL BE THE LADDER TYPE. AS SHOWN IN THE DETAIL ON SHEET 29.

ITEM SPECIAL - SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING SYSTEM - INSTALLATION ONLY:

THIS WORK SHALL CONSIST OF INSTALLING A SOLAR POWERED RRFB WARNING SYSTEM PER THE REQUIREMENTS OF THE ODOT STANDARD CONSTRUCTION DRAWING TC-87.10. A COMPLETE SOLAR RRFB WARNING SYSTEM CONSISTS OF TWO TRANSFORMER BASE PEDESTAL POLES (POWDER COATED BLACK IN COLOR), TWO PEDESTAL FOUNDATIONS, TWO SOLAR PANELS, TWO CONTROL BOXES, TWO SOLAR-POWERED LIGHTS, TWO GROUND RODS, FOUR W11-2 SIGNS, FOUR RECTANGULAR RAPID FLASHING BEACONS, FOUR W16-7P SIGNS, TWO PEDESTRIAN PUSH BUTTONS, TWO R10-25 PEDESTRIAN SIGNS AND ALL WIRING.

THE RRFB SYSTEM SYSTEM SHALL BE PROGRAMMED TO FLASH FOR 15 SECONDS AFTER ACTUATION BY A PEDESTRIAN. THE SOLAR POWERED CROSSWALK LIGHTING SHALL BE ACTIVATED CONCURRENTLY WITH THE FLASHING BEACONS.

THE CONDUIT AND CABLING FOR THE STREET LIGHTING CIRCUIT SHALL BE RELOCATED ON THE SOUTH SIDE OF FAIRLAND DRIVE , AS NECESSARY, FOR INSTALLATION OF THE RRFB PEDESTAL FOUNDATION SHALL BE INCIDENTAL TO THE COST FOR THIS ITEM.

CONTRACTOR SHALL COORDINATE WITH THE CITY TO PICK UP ALL HARDWARE FOR THIS ITEM.

PAYMENT SHALL BE AT THE CONTRACT LUMP SUM BID PRICE FOR ITEM SPECIAL, SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING SYSTEM, AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL, FOR A COMPLETE PEDESTRIAN WARNING SYSTEM, INSTALLED COMPLETE, PROGRAMMED, TESTED AND ACCEPTED BY THE CITY.

ITEM 659 - SEEDING & MULCHING, CLASS 1, AS PER PLAN:

SEEDING AND MULCHING SHALL INCLUDE TOPSOIL, COMMERCIAL FERTILIZER, AND WATER AS PER 659.

ITEM 832 - EROSION CONTROL (FOR CONTRACTOR USE):

THIS WORK SHALL CONSIST OF BUT NOT LIMITED TO THE ITEMS PRESENTED IN THE TABLE. THE CONTRACTOR MUST ENSURE ALL EROSION CONTROL MEASURES ARE PROPERLY INSTALLED AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. REGULAR INSPECTIONS SHOULD B CONDUCTED AND ANY NECESSARY REPAIRS OR REINFORCEMENTS MUST BE MADE PROMPTLY.

ITEM NUMBE

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201E1100

202E3200 202E3000

608E5200

614E1100

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630E0310 630E8010

630E0860

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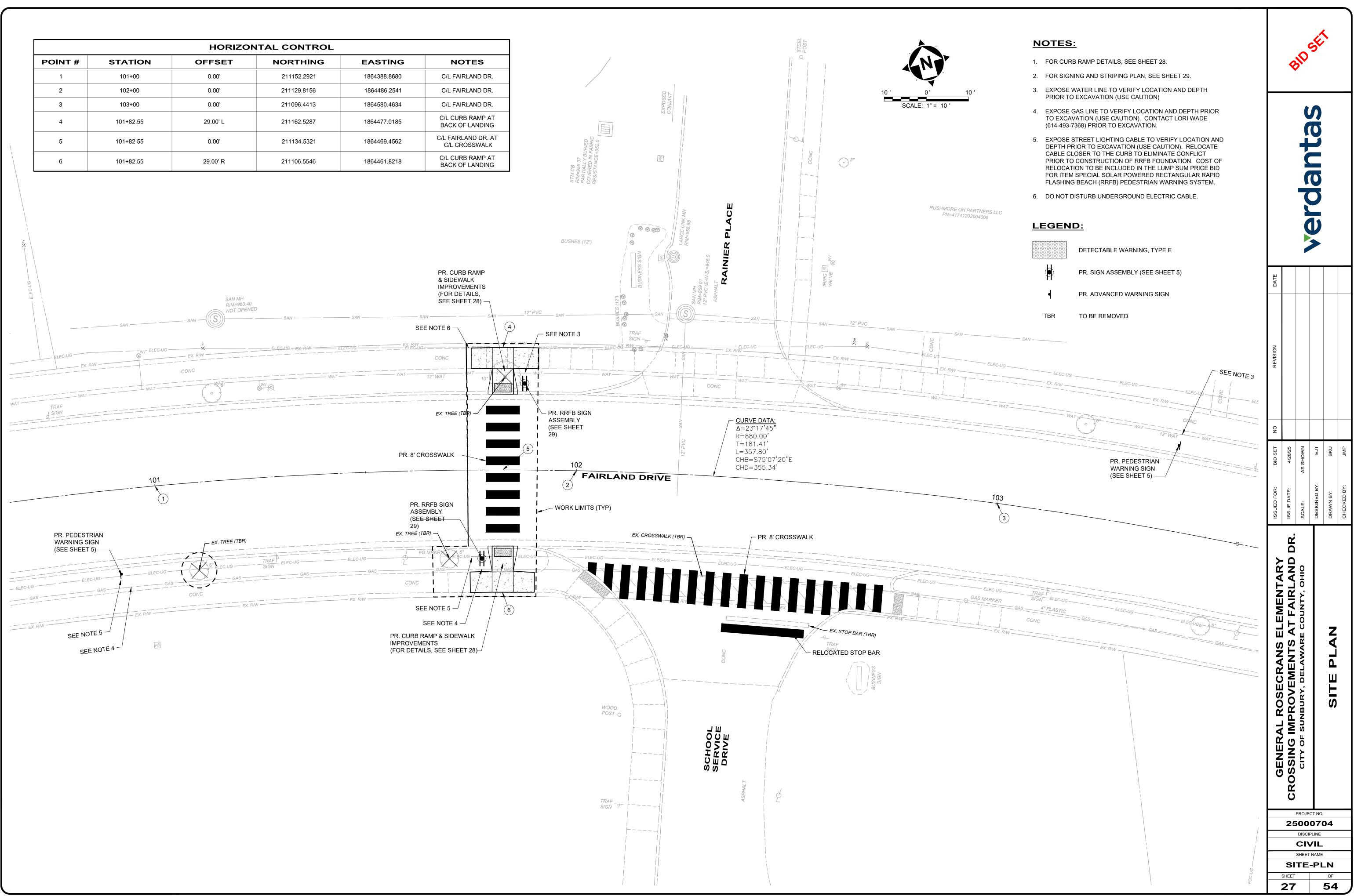
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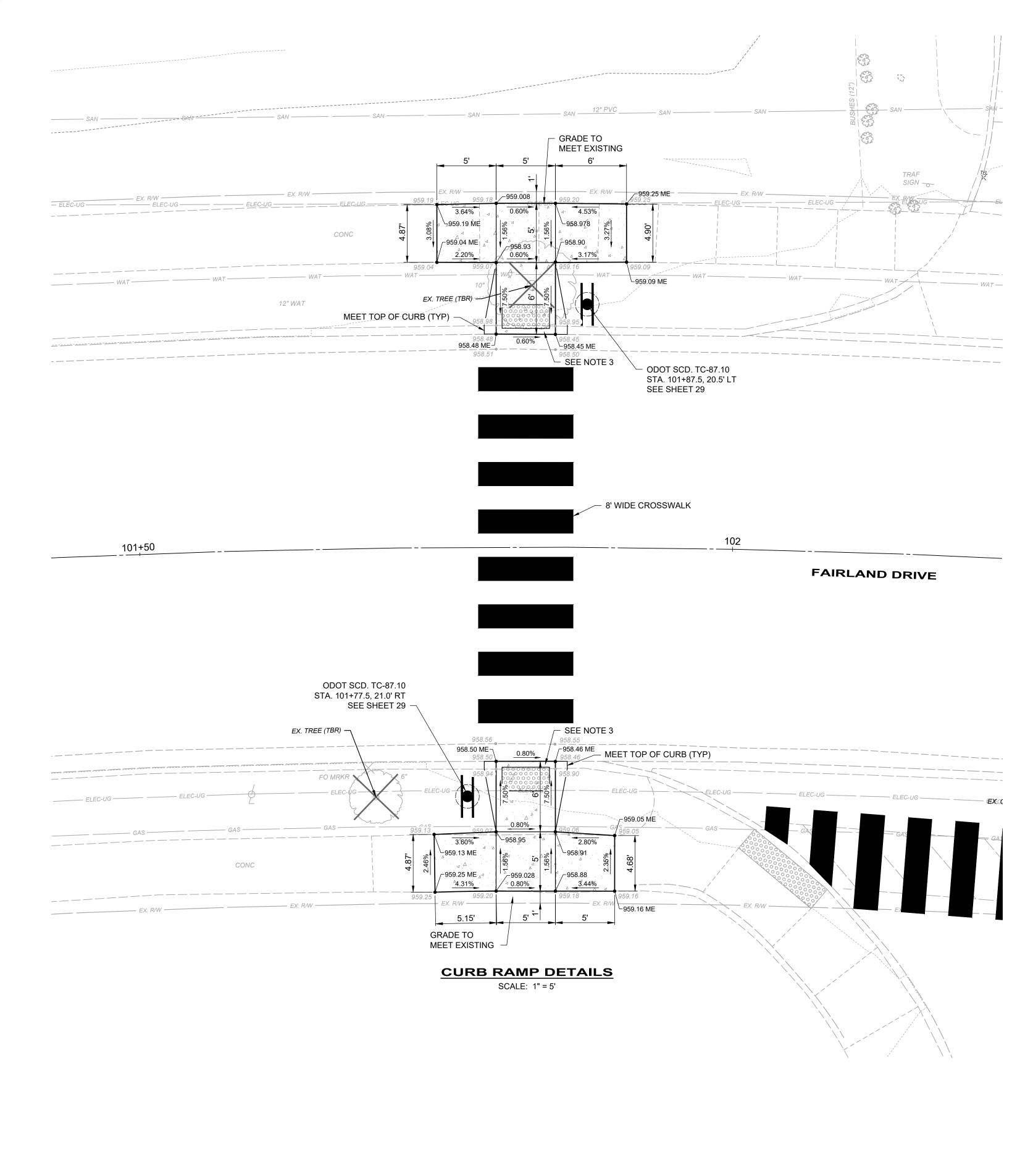
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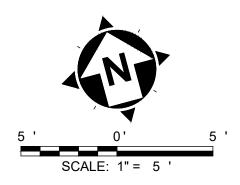
	ESTIMATE OF QUANTITIES		
ER	DESCRIPTION	UNIT	GRAND TOTAL
000	Preconstruction Video Documentation	LS	1
001	Clearing and Grubbing, As Per Plan	LS	1
001	Curb Removed, As Per Plan	FT	14
000	Walk Removed	SF	155
001	Curb Ramp, As Per Plan	SF	230
000	Maintaining Traffic	LS	1
000	Construction Layout Stakes and Surveying	LS	1
000	Mobilization	LS	1
L01	Ground Mounted Support, No. 3 Post, As Per Plan	FT	30
L00	Sign, Flat Sheet	SF	17
500	Sign Post Reflector	EA	2
<i>'</i> 05	Rectangular Rapid Flashing Beacon Pedestrian Warning System - Installation Only	LS	1
000	Removal of Pavement Marking	FT	270
500	Stop Line	FT	21
520	Crosswalk Line, 12"	FT	200
501	Seeding and Mulching, Class 1, As Per Plan	SY	80
000	Erosion Control	LS	1

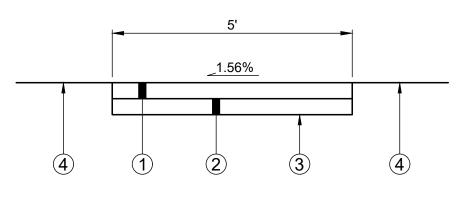
		32 - EROSION CONTROL R CONTRACTOR USE)
QTY	UNIT	DESCRIPTION
2	EA	INLET PROTECTION
150	LF	STRAW WATTLE, AS PER PLAN
50	SY	CONSTRUCTION SEEDING AND MULCHING

	Ø	, D	sti		
DATE					
REVISION					
NO					
BID SET	4/28/25	AS SHOWN	EJT	BKU	JMP
ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
GENERAL ROSECRANS ELEMENTARY	CROSSING IMPROVEMENTS AT FAIRLAND DR.	CITY OF SUNBURY, DELAWARE COUNTY, OHIO		GENERAL NOTES & QUANTITIES	
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		CIN SHEET	NAME		
	SHEET 26	1		₀₅ 54	









TYPICAL WALK SECTION

NTS

- 1) ITEM 608 4" CONCRETE WALK
- (2) ITEM 304 4" AGGREGATE BASE
- (3) ITEM 204 SUBGRADE COMPACTION
- (4) ITEM 659 SEEDING AND MULCHING

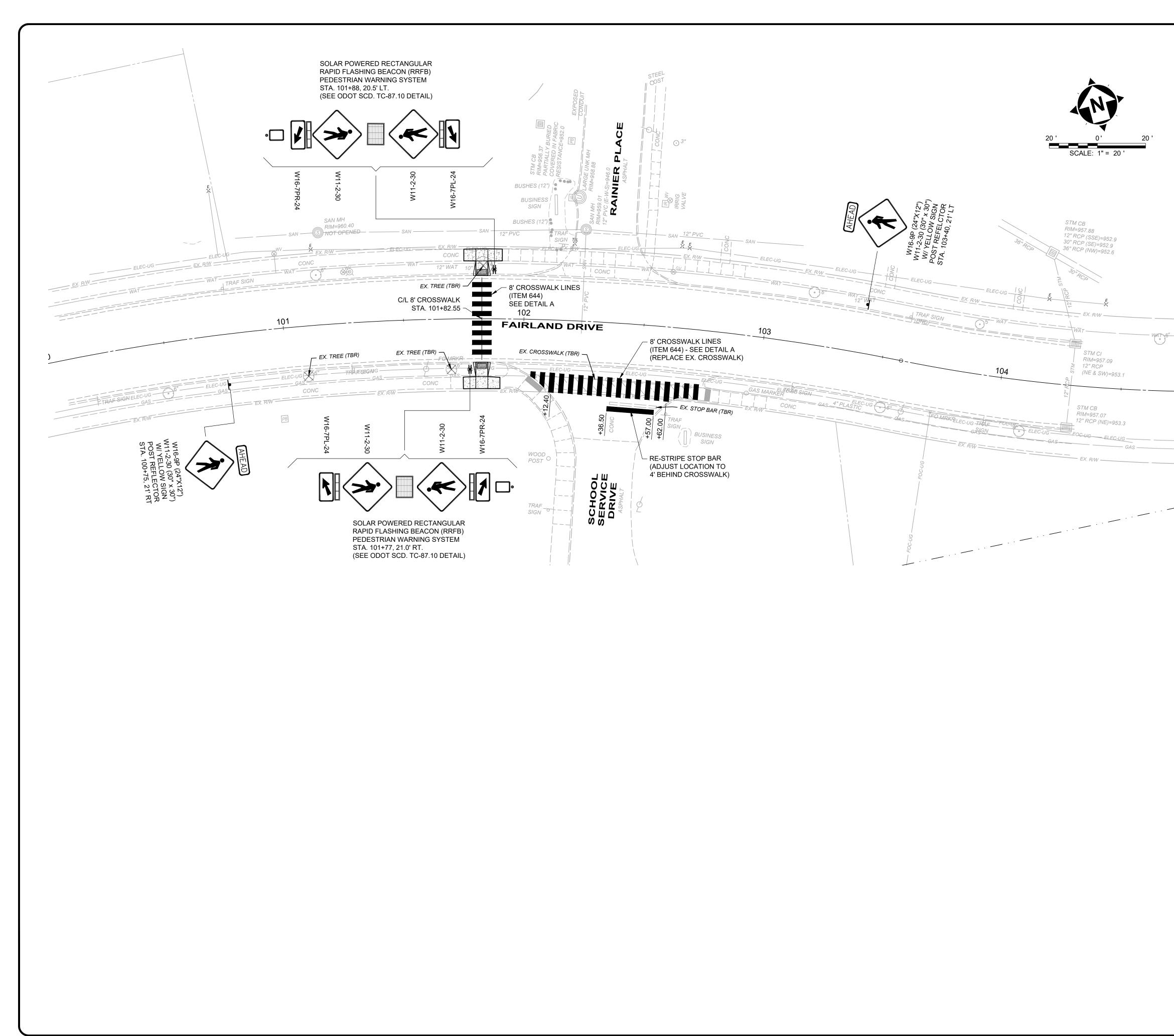
NOTES:

- 1. SIDEWALK AND CURB RAMPS SHALL BE ITEM 608 AND COMPOSED OF CONCRETE.
- 2. FOR SIGNING AND STRIPING PLAN, SEE SHEET 29.
- 3. REMOVE 7 FEET OF CURB BY SAW CUTTING. LEAVE GUTTER IN PLACE. GRIND OFF LIP OF CURB SO THAT GUTTER IS FLUSH WITH CURB RAMP.

LEGEND:

	DETECTABLE WARNING, TYPE E
	PR. SIGN ASSEMBLY (SEE SHEET 5)
ME	MEET EXISTING
TBR	TO BE REMOVED

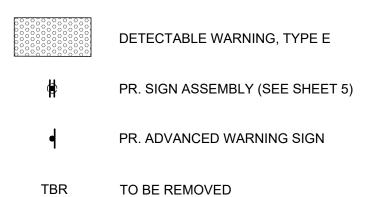
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ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	
GENERAL ROSECRANS ELEMENTARY CROSSING IMPROVEMENTS AT FAIRLAND DR. CITY OF SUNBURY, DELAWARE COUNTY, OHIO CITY OF SUNBURY, DELAWARE COUNTY, OHIO CURB RAMP DETAILS						
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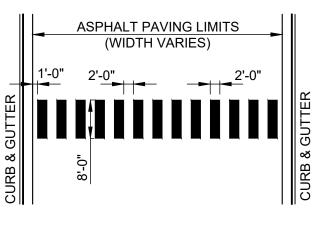


NOTES:

1. SEE UTILITY EXPOSURE NOTES ON SHEET 3.

LEGEND:





ITEM 644 - CROSSWALK LINE, TYPE A1

THIS ITEM SHALL MEET THE REQUIREMENTS OF ITEM 644 AND CONFORM TO THE FOLLOWING DIMENSIONS:

2'-0" TYPICAL SPACING MAY VARY SLIGHTLY FOR PROPER PLACEMENT BETWEEN CURB AND CURB & GUTTER.

PAYMENT FOR THIS ITEM SHALL BE MADE AT THE CONTRACT BID PRICE PER FOOT.

* BALANCE SPACE BETWEEN EDGES OF PAVEMENT

CROSSWALK DETAIL "DETAIL A" NTS

BIDSET S Ŋ erdant DR GENERAL ROSECRANS ELEMENTARY CROSSING IMPROVEMENTS AT FAIRLAND CITY OF SUNBURY, DELAWARE COUNTY, OHIO Ζ Δ STRIPING Š ШIJ 4 SIGN PROJECT NO. 25000704 DISCIPLINE CIVIL SHEET NAME SIGN-PLN SHEET OF

29

TEMPORARY TRAFFIC CONTROL:

- 1. ALL TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (CURRENT EDITION). COPIES ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF CONTRACTS, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43223. NOTE: ALL DEVICES SHALL COMPLY, FOR CONDITION AND LOCATION, WITH THE CURRENT EDITION OF THE NCHRP 350 AND MASH CRASH TESTING GUIDELINES.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND, OR DETOURED AWAY FROM THE CONSTRUCTION SITE. TRAFFIC CONTROL FOR PEDESTRIAN MOVEMENT SHALL BE AS PER OHIO DEPARTMENT OF TRANSPORTATION STANDARD CONSTRUCTION DRAWING, MT-110.10. WHEN NOT SHOWN ON A SIGNED PLAN, ALL SIDEWALK DIVERSIONS AND TEMPORARY MID-BLOCK CROSSINGS SHALL BE PRE-APPROVED BY THE PROJECT ENGINEER. ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- 3. MAINTAINING TRAFFIC DURING HOLIDAYS AND SPECIAL EVENTS: NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING DESIGNATED HOLIDAYS OR SPECIAL EVENTS. THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. CONTACT THE CITY OF SUNBURY FOR EVENT DATES, LOCATIONS, AND SCHEDULE. HOLIDAYS WILL CONSIST OF CHRISTMAS, NEW YEARS, FOURTH OF JULY FIREWORKS NIGHT, MEMORIAL DAY, LABOR DAY, AND THANKSGIVING. ALL TEMPORARY TRAFFIC CONTROL DEVICES TO BE REMOVED FROM THE PROJECT AREA AND PLACED EITHER IN A PRE-DETERMINED LOCATION APPROVED BY THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR COMPLETELY REMOVED FROM THE SITE.
- 4. THE CONTRACTOR SHALL CONTACT THE CITY OF SUNBURY ENGINEER, FOR ANY ADDITIONAL MAINTENANCE OF TRAFFIC REQUIREMENTS FOR SPECIAL EVENTS.
- 5. THE CONTRACTOR SHALL MAINTAIN ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS THROUGHOUT THIS PROJECT. PERMANENT TRAFFIC CONTROLS MAY BE TEMPORARILY RELOCATED OR COVERED, AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED, OR IMPROPERLY PLACED SIGNS.

ITEM 614 - MAINTAINING TRAFFIC:

ALL COSTS THAT CONSIST OF MAINTAINING AND PROTECTING VEHICULAR AND PEDESTRIAN TRAFFIC ACCORDING TO THE LATEST EDITION OF ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (OMUTCD), AND PER THE REQUIREMENTS DESIGNATED IN THE PLAN INCLUDING ALL LAW ENFORCEMENT OFFICER (LEO) AND FLAGGER HOURS SHALL BE INCLUDED IN THE LUMP SUM ITEM 614.

IN ADDITION TO THE REQUIREMENTS HEREIN, AND THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. A UNIFORMED LAW ENFORCEMENT OFFICER (LEO) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC UNDER THE FOLLOWING CONDITIONS:

- WORK WITHIN A SIGNALIZED INTERSECTION, DEFINED AS THE AREA BOUNDED BY THE REAR X-WALK LINES
- WHEN FLAGGING WITHIN THE INTERSECTION OF TWO ARTERIAL ROADWAYS
- WHEN SPECIFIED IN THE MAINTENANCE OF TRAFFIC PLAN OR AS WHEN DIRECTED BY THE PROJECT ENGINEER
- WHEN SHIFTING TRAFFIC LEFT OF CENTER, THROUGH A SIGNALIZED INTERSECTION, WITHOUT SHIFTING SIGNAL HEADS

A FLAGGER SHALL BE UTILIZED TO ASSIST IN CONTROLLING TRAFFIC WHILE EQUIPMENT IS ENTERING OR EXITING AN INTERSECTION OR WORK ZONE. THE CONTRACTOR MAY UTILIZE HIS OWN FLAGGER OR LEO UNDER PAY ITEM 614 MAINTAINING TRAFFIC, LUMP SUM. FLAGGERS AND LEO'S SHALL BE EQUIPPED ACCORDING TO THE STANDARDS FOR FLAGGING TRAFFIC CONTAINED IN THE OMUTCD. FLAGGING OPERATIONS PERFORMED BY LEO'S OR DESIGNATED FLAGGERS SHALL ONLY BE PERMITTED AS LONG AS ALL TRAFFIC CONTROL IS IN PLACE ACCORDING TO FIGURE 6H-10 (TA-10) IN THE OHIO MANUAL. PATROL CARS SHALL NOT BE USED IN FLAGGING OPERATIONS.

IF THE CONTRACTOR WISHES TO UTILIZE LEO'S WITH OR WITHOUT PATROL CARS FOR TRAFFIC CONTROL OTHER THAN FOR THAT REQUIRED IN THE PLANS, THEY MAY DO SO AT THEIR OWN EXPENSE. THE CONTRACTOR SHALL MAKE ARRANGEMENT THROUGH THE WORTHINGTON POLICE DEPARTMENT AT (614) 436-6595.

LEO'S SHALL BE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH EMPLOYED BY THE CONTRACTOR, THE CITY REPRESENTATIVE SHALL HAVE CONTROL OVER THEIR PLACEMENT. LEO'S SHALL NOT HAVE THE AUTHORITY TO CHANGE, EDIT OR MODIFY ANY MAINTENANCE OF TRAFFIC SCHEME WITHOUT THE PERMISSION OF THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR PROJECT ENGINEER UNLESS AN EMERGENCY DEVELOPS.

IF A SAFETY HAZARD DEVELOPS, A LEO MAY BE ASSIGNED BY THE COLUMBUS PUBLIC SAFETY AND/OR THE PUBLIC SERVICE DIRECTOR AT THE CONTRACTOR'S EXPENSE.

TEMPORARY TRAFFIC CONTROL:

- 1. TYPE C STEADY-BURN OR TYPE D 360-DEGREE STEADY-BURN WARNING LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ONLY 42" REFLECTORIZED CHANNELIZING DEVICES (CONES) SHALL BE PERMITTED FOR NIGHTTIME WORK WITH THE APPROVAL OF THE CITY ENGINEER AT 614-431-2425 PER O.D.O.T. STANDARDS.
- 2. ALL EXISTING TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC AT ALL TIMES ON: FAIRLAND DRIVE, RAINIER PLACE, AND THE SCHOOL SERVICE DRIVE.

EXISTING PERMANENT TRAFFIC CONTROL:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING CONSTRUCTION. PERMANENT TRAFFIC CONTROL NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REPLACED IMMEDIATELY.
- 2. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT MARKINGS, INCLUDING RAISED PAVEMENT MARKERS (RPM) SHOWN IN CONFLICT, REMOVED DUE TO CONSTRUCTION OR MAINTENANCE OF TRAFFIC SET UP, DESTROYED, OR RENDERED UNSERVICEABLE BY THE PROJECT ENGINEER OR THE PUBLIC SERVICE PAVEMENT MARKING MANAGER. ALL PAVEMENT MARKING MATERIALS SHALL BE REPLACED IN-LIKE KIND IF NOT SHOWN IN THE PLAN OR PERMIT INCLUDING RAISED PAVEMENT MARKERS. ALL PAVEMENT MARKINGS SHALL BE REPLACED IN FULL. NO PARTIAL LENGTH OR SECTIONS OF PAVEMENT MARKINGS SHALL BE REPLACED WITHOUT REMOVING THE ENTIRE MARKING BY USE OF THE WATER BLAST METHOD. REMOVAL BY ABRASIVE WHEEL GRINDING SHALL ONLY BE APPROVED BY THE PUBLIC SERVICE PAVEMENT MARKING MANAGER.

CONSTRUCTION SEQUENCE:

PHASE 1:

PHASE 2:

- 3. UNBAG AND UNCOVER RRFB'S.

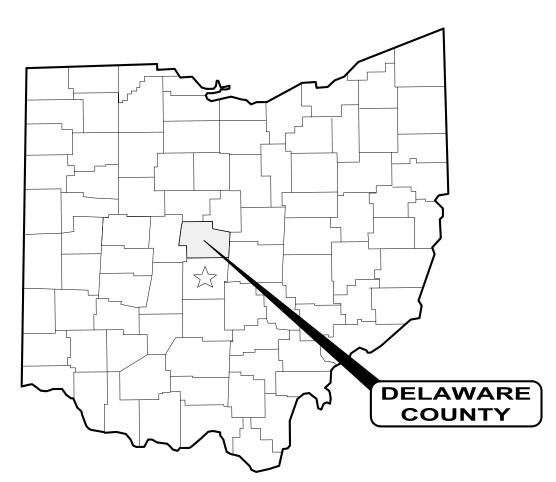
1. CONSTRUCT NORTH SIDE OF FAIRLAND DRIVE SIDEWALK, CURB RAMPS, RRFB SIGNS, AND ADVANCED WARNING SIGNS, WHILE MAINTAINING VEHICLE TRAFFIC PER SCD 97.10. PEDESTRIAN TRAFFIC SHALL BE DETOURED PER SCD. MT-110.10. BAG OR COVER RRFB'S.

2. CONSTRUCT SOUTH SIDE OF FAIRLAND DRIVE SIDEWALK, CURB RAMPS, RRFB SIGNS, AND ADVANCED WARNING SIGNS, WHILE MAINTAINING VEHICLE TRAFFIC PER SCD 97.10. PEDESTRIAN TRAFFIC SHALL BE DETOURED PER SCD. MT-110.10. BAG OR COVER RRFB'S

1. PLACE CROSSWALK AND ALL STRIPING WHILE MAINTAINING TRAFFIC USING SCD. MT-97.10. PEDESTRIAN TRAFFIC SHALL BE DETOURED PER SCD. MT-110.10.

2. PLACE CROSSWALK AND STOP LINE ON SCHOOL SERVICE DRIVE.

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DTE 0F 54		MAINTENANCE OF TRAFFIC	DRAWN BY:	BKU				\$
			CHECKED BY:	JMP				



GENERAL ROSECRANS ELEMENTARY CROSSING IMPROVEMENTS AT HEARTLAND MEADOWS DRIVE CITY OF SUNBURY, DELAWARE COUNTY, OHIO

	BENCH MARKS (NAVD 1988)	
NO.	DESCRIPTION	ELEV
BM1	IRON PIN LOCATED 2.3' NORTH OFF BACK OF CURB OF HEARTLAND MEADOWS DRIVE NORTHING: 209950.752 EASTING: 1864420.419	951.99
BM2	MAG NAIL SET IN CURB ON HEARTLAND MEADOWS DR 165' NORTHEAST OF THE INTERSECTION OF MILL STONE DR NORTHING: 209805.993 EASTING: 1864364.027	952.38
BM3	MAG NAIL SET IN CURB ON HEARTLAND MEADOWS DR 118' SOUTH SOUTH EAST OF THE INTERSECTION OF MILL STONE DR NORTHING: 210020.207 EASTING: 1864550.691	953.02
		, FEBRL

	UTILITY COMPANIE	S
OTHERS) AND AVAILABLE RECO	ES SHOWN ON THIS PLAN ARE BAS RDS, AND AS SUCH, SHOULD BE F STRUCTION ACTIVITY - CALL BEF (IELD VERIFIED PRIOR TO
STORM AND SANITARY:	WATER:	COUNTY:
CITY OF SUNBURY ATTN: DAN WHITED 6397 EMERALD PKWY, ST 200 DUBLIN, OHIO 43016 (614) 779-0040 dwhited@ctconsultants.com	DEL-CO WATER COMPANY 6658 OLENTANGY RIVER RD. DELAWARE, OHIO 43015 ATTN: DAVE WOLFE (740) 548-7746 EXT. 2403 dwolf@delcowater.com	DELAWARE COUNTY ENGINEER ATTN: CHRIS BAUSERMAN 1610 STATE ROUTE 521 DELAWARE, OHIO 43015 (740) 833-2400 cbauserman@co.delaware.oh.us
ELECTRIC:	GAS:	
AMERICAN ELECTRIC POWER ATTN: BRENT GATES 700 MORRISON ROAD GAHANNA, OHIO 43230 (614) 883-6802 bmgates@aep.com	COLUMBIA GAS OF OHIO ATTN: ROB CALDWELL 3350 JOHNNY APPLESEED CT. COLUMBUS, OHIO 43231 (614) 818-2104 rcaldwell@nisource.com	
COMMUNICATION:		
BRIGHTSPEED ATTN: HALEY WOODS 250 W. OLD WILSON ROAD, SUITE 130 WORTHINGTON, OHIO 43085 haley.woods@lumen.com relocations@brightspeed.com		DETIOSILOTI

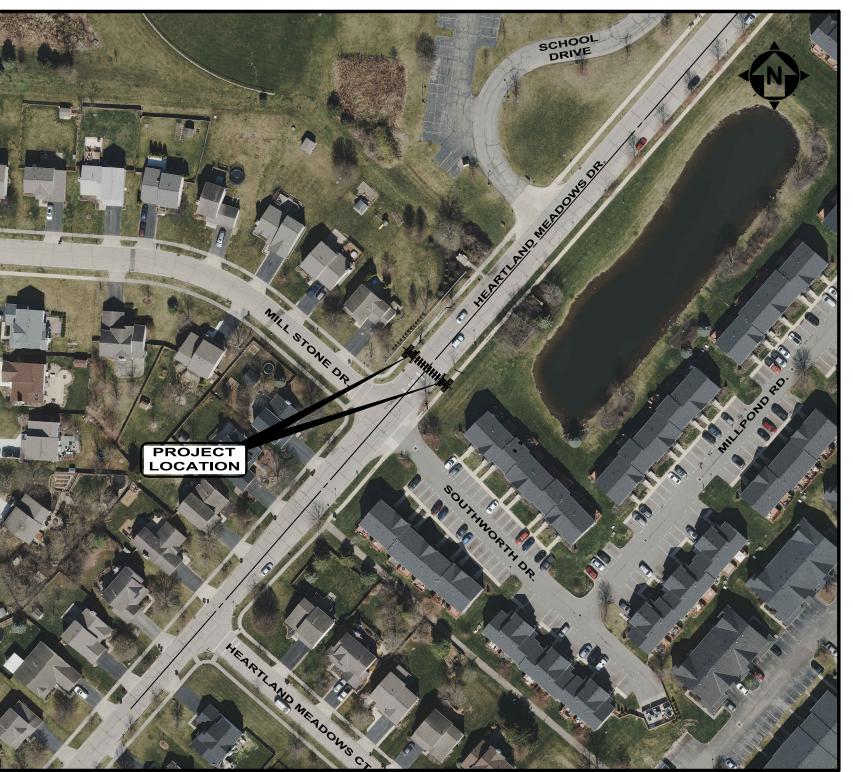
STANDARD CONSTRUCTION DRAWINGS						
THE CURRENT STANDARD CONSTRUCTION DRAWINGS FOR EACH MUNICIPALITY OR UTILITY LISTED BELOW SHALL BE CONSIDERED AS PART OF THIS SET THEREOF.						
ODOT CITY / COUNTY SUPPLEMENTAL SPEC						
BP-7.1		SS 832				
TC-41.20						
TC-41.30						
TC-52.10						
TC-52.20						
TC-74.10 TC-83.20						
TC-83.20 TC-87.10						
MT-110.10						
MT-97.10						



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- ENGINEERING PLANS FOR -

2025



VICINITY MAP

SCALE: 1" = 100'

LI	ST OF DRAWINGS
31	COVER SHEET
32	GENERAL NOTES & QUANTITIES
33	SITE PLAN
34	CURB & RAMP DETAILS
35	SIGNAGE & STRIPING PLAN
36	MAINTENANCE OF TRAFFIC NOTES & DETAILS

CITY OFFICIALS:

ADMINISTRATION:

JOE ST. JOHN..... MA DARYL HENNESSY CI DANA STEFFAN...... DI ROBERT HOWARD P CARLA ODEBRALSKI... CI

THE CITY OF SUNBURY'S SIGNATURE ON THIS PLAN SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND LOCATION OF THE PROPOSED IMPROVEMENTS. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THESE PLANS.

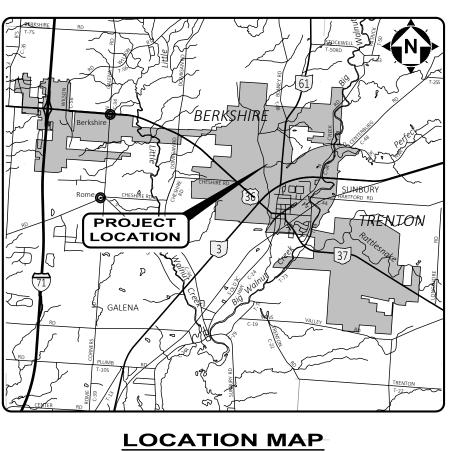
Carla Odebralski

Daryl Hennessy

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



4-16-25 DATE



ENGINEER

VERDANTAS 6397 EMERALD PKWY, SUITE 200 DUBLIN, OHIO 43016 OFFICE: 614-885-1700 CONTACT: ERIC TROYER, P.E. EMAIL: ERIC.TROYER@VERDANTAS.COM

OWNER

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

DN:	COUNCIL:
IAYOR	TIMOTHY GOSE PRESIDENT
CITY ADMINISTRATOR	MURRAY NEFF COUNCIL MEMBER
DIRECTOR OF FINANCE	DAVID MARTIN COUNCIL MEMBER
POLICE CHIEF	DAMIN CAPPEL COUNCIL MEMBER
CITY ENGINEER	CINDI COOPER COUNCIL MEMBER
	JOHN GRUMNEY COUNCIL MEMBER

CONSTRUCTION PLAN APPROVALS:

April 17, 2025 DATE

CARLA OBEDRALSKI, CITY OF SUNBURY, CITY ENGINEER

DARYL HENNESSY, CITY OF SUNBURY, CITY ADMINISTRATOR

April 17, 2025 DATE

DESIGN ENGINEER:

royen ERIC J. TROYER, P.E. NO. E-5392





BIDSET							
DATE							
REVISION							
ON							
BID SET	4/28/25	AS SHOWN	EJT	BKU	JMP		
ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	СНЕСКЕД ВУ:		
GENERAL ROSECRANS ELEMENTARY		AI HEAKILAND MEADOWS DKIVE CITY OF SUNBURY, DELAWARE COUNTY, OHIO		TITLE SHEET			
GENERAL R							
GENERAL R			CT NO. 070 PLINE				

31

CITY OF SUNBURY GENERAL NOTES:

- 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, 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.
- THE CITY OF SUNBURY DETAILED SPECIFICATIONS TOGETHER WITH ALL SUPPLEMENTS 2. THERETO, ODOT 2023 EDITION, SHALL GOVERN ALL MATERIAL AND WORKMANSHIP INVOLVED IN THE IMPROVEMENTS SHOWN IN THE PLANS UNLESS OTHERWISE NOTED.
- 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.
- THE CONTRACTOR SHALL PROVIDE WRITTEN NOTIFICATION TO THE CITY OF SUNBURY ENGINEER AT LEAST (7) SEVEN WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A VIDEO RECORD OF THE SITE TO THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION. EMPHASIS OF THE VIDEO SHOULD BE ON EXISTING DEVELOPED AREAS CONTIGUOUS WITH THE PROJECT WORK AREAS.
- 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.
- 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.
- ALL PERTINENT STANDARD CONSTRUCTION DRAWINGS ARE AVAILABLE UPON REQUEST AT THE OFFICE OF THE CITY ENGINEER.
- 9. APPROVAL OF THESE PLANS SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY.
- 10. 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.
- 11. THE CONTRACTOR AND SUBCONTRACTOR SHALL ALSO ABIDE BY ALL ORDINANCES OF THE CITY OF SUNBURY.
- 12. 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.
- 13. ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED TO ORIGINAL CONDITION OR CONNECTED TO THE CURB SUBDRAIN OR TO THE STORM SEWER SYSTEM AS DIRECTED BY THE ENGINEER.
- 14. INGRESS AND EGRESS SHALL BE MAINTAINED TO PUBLIC AND PRIVATE PROPERTY.
- 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.
- 16. 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.
- 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.
- 18. 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 24-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".
- 19. THE COST OF DEWATERING OR ROCK EXCAVATION SHALL BE INCLUDED IN THE PRICE BID FOR SANITARY PIPE. THE BIDDER SHALL DETERMINE IF ANY DEWATERING OR ROCK EXCAVATION WILL BE REQUIRED AND ADJUST THEIR BIDS ACCORDINGLY.
- 20. PAVEMENT CUTS FOR UTILITY LINE INSTALLATIONS SHALL BE SUBJECT TO THE BACKFILL REQUIREMENTS OF ODOT ITEM 203. PAVEMENT SHALL BE PLACED TO MATCH EXISTING SECTION OR 10 INCHES OF 448 ASPHALT, WHICHEVER IS GREATER. DEEP TRENCHES MAY NOT BE PARTIALLY FILLED WITH LARGE SIZE AGGREGATE.
- 21. 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.
- 22. 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.
- 23. 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.
- 24. 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.
- 25. ALL AREAS IN THE RIGHT-OF-WAY ARE TO BE GRADED AND SEEDED AS SOON AS WORK IN THAT AREA IS COMPLETE.
- 26. THE CONTRACTOR IS RESPONSIBLE FOR THE PROVISION AND MAINTENANCE OF A PORTABLE TOILET ON THE SITE DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COMPACTION AS WELL AS ASPHALT AND 27. CONCRETE TESTING. TESTING IS TO BE PERFORMED BY A REGISTERED CONTRACTOR AS SPECIFIED BY THE CITY ENGINEER.
- THE CITY ENGINEER RESERVES THE RIGHT TO DIRECT PROJECT SPECIFIC CHANGES TO ANY CITY CONSTRUCTION NOTE AND SPECIFICATION.

- THE PRICE BID FOR THE WORK.
- SPECIFICALLY PROVIDED.
- INCLUDED IN THE TOTAL CONTRACT PRICE BID.
- RECORDS.
- VIDEOTAPING.
- DESTROYED BY THEIR PERSONNEL OR EQUIPMENT.
- REVIEW.
- PROPOSAL ITEM FOR UTILITY MAINTENANCE.
- OR CONCRETE IS SPECIFIED OTHERWISE IN THE DRAWINGS
- MOWING.
- GRANULAR FILL.
- PLOW/MAINTENANCE OF ROAD PAVEMENT.
- NPDES PERMIT.

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

30. 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.

31. 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

32. THE CONTRACTOR SHALL PROVIDE THE CITY 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.

33. 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

34. 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

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

36. PRIOR TO THE BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL TAKE PHOTOGRAPHS AND VIDEO OF THE PROJECT SITE PER THE SPECIFICATIONS. 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

37. 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

38. 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

39. 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

40. AT ALL UTILITY CROSSINGS, THE BACKFILL SHALL CONSIST OF COMPACTED GRANULAR MATERIAL BETWEEN THE DEEPER AND SHALLOWER PIPE UNLESS CONTROLLED DENSITY FILL

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

42. 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 INSURE 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

43. 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

44. DISTURBANCE TO THIS SITE IS COVERED BY OEPA GENERAL PERMIT OHC000006 AND THE

ITEM 202 - CURB AND GUTTER REMOVED, AS PER PLAN:

CURB AND GUTTER SHALL BE REMOVED BY SAW CUTTING. GRIND OFF LIP OF CURB SO THAT GUTTER IS FLUSH WITH CURB RAMP. COST OF SAW CUTTING AND GRINDING SHALL BE INCLUDED IN THIS ITEM.

ITEM 608 - CURB RAMP, AS PER PLAN:

CURB RAMP WILL BE CONSTRUCTED PER ODOT BP-7.1 TYPE C2. NO CURBING IS NECESSARY AT BACK OF THE RAMP AS THE DROP IS LESS THAN SIX INCHES.

THE COST OF ITEM 608 - 4" CONCRETE WALK (ADJACENT TO THE CURB RAMP LANDING) AND ITEM 203 - EXCAVATION NECESSARY TO CONSTRUCT THE CURB RAMPS AND SIDEWALK, ITEM 204 - SUBGRADE COMPACTION, AND ITEM 304 - AGGREGATE BASE SHALL BE INCLUDED IN THIS ITEM.

ITEM 630 - GROUND MOUNTED SUPPORT NO. 3 POST, AS PER PLAN:

GROUND MOUNTED POST SUPPORTS SHALL BE A SQUARE POST WITH ANCHOR BASE AS PER DETAIL ON ODOT STANDARD DRAWING TC-41.20. ALL POSTS SHALL BE 2" X 2" 12 GAUGE SQUARE TUBING WITH OPEN HOLES AND ALL ANCHOR BASES SHALL BE 2 ¹/₄" X 2 ¹/₄" 12 GAUGE SQUARE TUBING WITH OPEN HOLES.

ITEM 630 - SIGN, FLAT SHEET, AS PER PLAN:

IN ADDITION TO 630, ALL SIGN SHEET MATERIAL SHALL BE DIAMOND GRADE DG4 MANUFACTURED BY 3M COMPANY OR APPROVED EQUAL.

ITEM 644 - CROSSWALK LINE, AS PER PLAN:

CROSSWALK LINE SHALL BE THE LADDER TYPE. AS SHOWN IN THE DETAIL ON SHEET 29.

ITEM SPECIAL - SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING SYSTEM - INSTALLATION ONLY:

THIS WORK SHALL CONSIST OF INSTALLING A SOLAR POWERED RRFB WARNING SYSTEM PER THE REQUIREMENTS OF THE ODOT STANDARD CONSTRUCTION DRAWING TC-87.10. A COMPLETE SOLAR RRFB WARNING SYSTEM CONSISTS OF TWO TRANSFORMER BASE PEDESTAL POLES (POWDER COATED BLACK IN COLOR), TWO PEDESTAL FOUNDATIONS, TWO SOLAR PANELS, TWO CONTROL BOXES, TWO SOLAR-POWERED LIGHTS, TWO GROUND RODS, FOUR W11-2 SIGNS, FOUR RECTANGULAR RAPID FLASHING BEACONS, FOUR W16-7P SIGNS, TWO PEDESTRIAN PUSH BUTTONS, TWO R10-25 PEDESTRIAN SIGNS AND ALL WIRING.

THE RRFB SYSTEM SYSTEM SHALL BE PROGRAMMED TO FLASH FOR 15 SECONDS AFTER ACTUATION BY A PEDESTRIAN. THE SOLAR POWERED CROSSWALK LIGHTING SHALL BE ACTIVATED CONCURRENTLY WITH THE FLASHING BEACONS.

THE CONDUIT AND CABLING FOR THE STREET LIGHTING CIRCUIT SHALL BE RELOCATED ON THE SOUTH SIDE OF HEARTLAND MEADOWS DRIVE , AS NECESSARY, FOR INSTALLATION OF THE RRFB PEDESTAL FOUNDATION SHALL BE INCIDENTAL TO THE COST FOR THIS ITEM.

CONTRACTOR SHALL COORDINATE WITH THE CITY TO PICK UP ALL HARDWARE FOR THIS ITEM

PAYMENT SHALL BE AT THE CONTRACT LUMP SUM BID PRICE FOR ITEM SPECIAL, SOLAR POWERED RECTANGULAR RAPID FLASHING BEACON (RRFB) PEDESTRIAN WARNING SYSTEM, AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL, FOR A COMPLETE PEDESTRIAN WARNING SYSTEM, INSTALLED COMPLETE, PROGRAMMED, TESTED AND ACCEPTED BY THE CITY.

ITEM 659 - SEEDING & MULCHING, CLASS 1, AS PER PLAN:

SEEDING AND MULCHING SHALL INCLUDE TOPSOIL, COMMERCIAL FERTILIZER, AND WATER AS PER 659.

ITEM 832 - EROSION CONTROL (FOR CONTRACTOR USE):

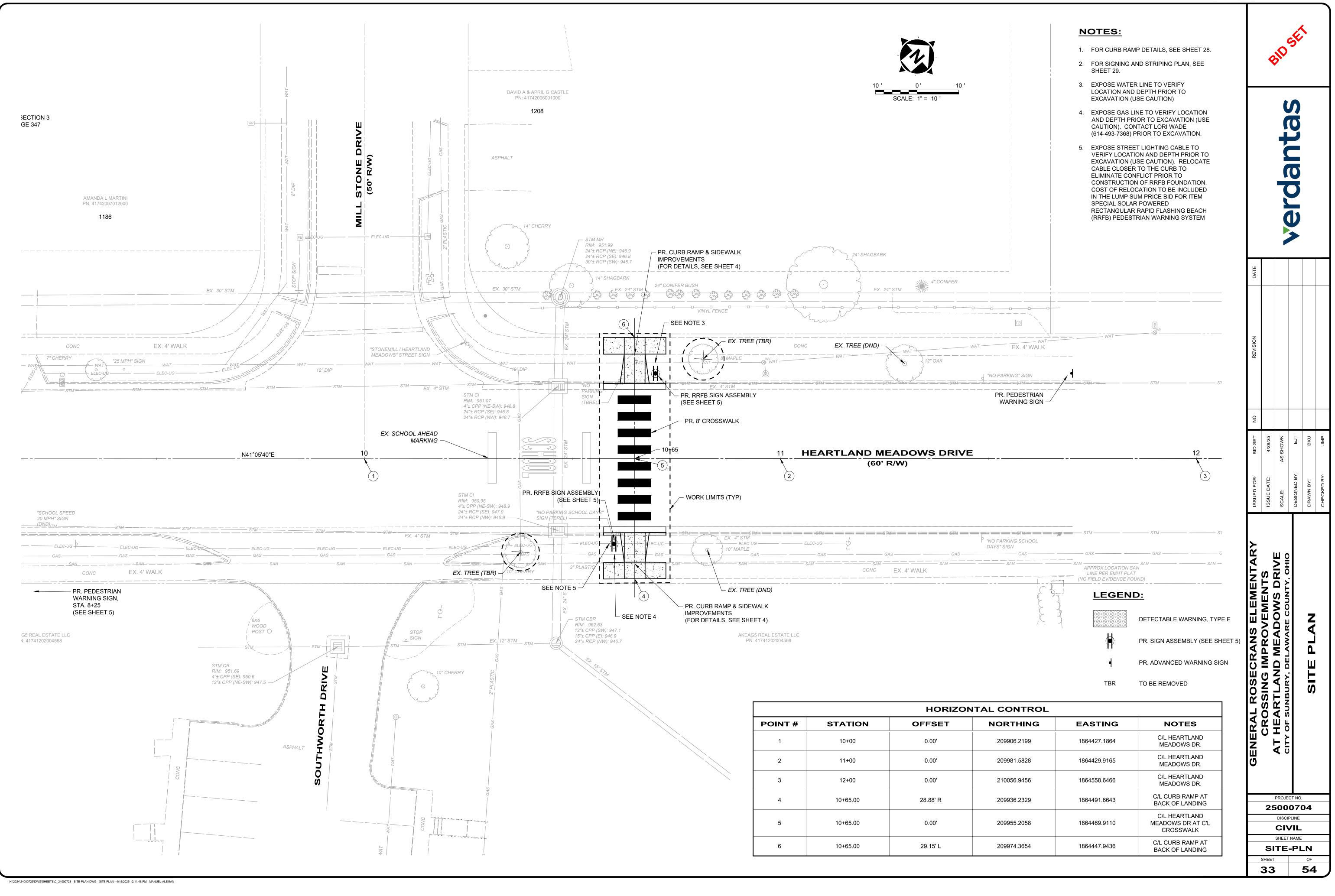
THIS WORK SHALL CONSIST OF BUT NOT LIMITED TO THE ITEMS PRESENTED IN THE TABLE. THE CONTRACTOR MUST ENSURE ALL EROSION CONTROL MEASURES ARE PROPERLY INSTALLED AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. REGULAR INSPECTIONS SHOULD B CONDUCTED AND ANY NECESSARY REPAIRS OR REINFORCEMENTS MUST BE MADE PROMPTLY.

ESTIM/	ATE OF	QUAN	TITIES	

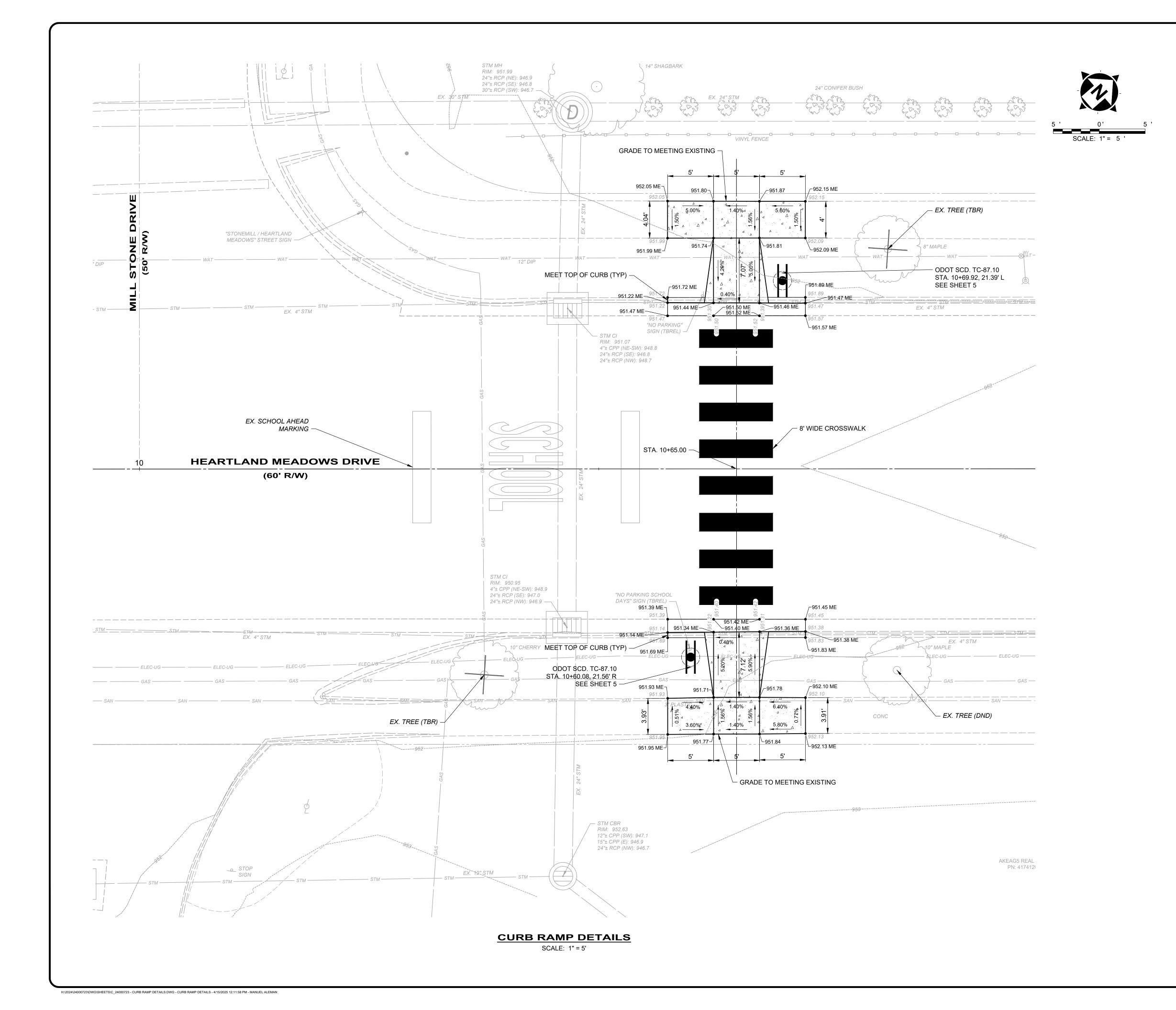
ITEM NUMBER	DESCRIPTION	UNIT	GRAND TOTAL
103E10000	Preconstruction Video Documentation	LS	1
201E11001	Clearing and Grubbing, As Per Plan	LS	1
202E32001	Curb Removed, As Per Plan	FT	30
202E30000	Walk Removed	SF	140
608E52001	Curb Ramp, As Per Plan	SF	250
614E11000	Maintaining Traffic	LS	1
623E10000	Construction Layout Stakes and Surveying	LS	1
624E10000	Mobilization	LS	1
630E03101	Ground Mounted Support, No. 3 Post, As Per Plan	FT	30
630E80100	Sign, Flat Sheet	SF	17
630E08600	Sign Post Reflector	EA	2
630E97705	Signing, Misc.: Solar Powered Rectangular Rapid Flashing Beacon (RRFB) Sign Assembly	LS	1
644E00620	Crosswalk Line, 12"	FT	64
659E00501	Seeding and Mulching, Class 1, As Per Plan	SY	200
832E30000	Erosion Control	EA	5000

		32 - EROSION CONTROL R CONTRACTOR USE)
QTY	UNIT	DESCRIPTION
2	EA	INLET PROTECTION
150	LF	STRAW WATTLE, AS PER PLAN
50	SY	CONSTRUCTION SEEDING AND MULCHING

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REVISION						
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BID SET	4/28/25	AS SHOWN	EJT	BKU	JMP	
ISSUED FOR:	ISSUE DATE:	SCALE: A	DESIGNED BY:	DRAWN BY:	CHECKED BY:	
GENERAL ROSECRANS ELEMENTARY		AI HEAKILAND MEADOWS DRIVE CITY OF SUNBURY, DELAWARE COUNTY, OHIO		GENERAL NOTES & QUANTITIES		
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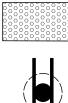
209906.2199	1864427.1864	C/L HEARTLAND MEADOWS DR.
209981.5828	1864429.9165	C/L HEARTLAND MEADOWS DR.
210056.9456	1864558.6466	C/L HEARTLAND MEADOWS DR.
209936.2329	1864491.6643	C/L CURB RAMP AT BACK OF LANDING
209955.2058	1864469.9110	C/L HEARTLAND MEADOWS DR AT C'L CROSSWALK
209974.3654	1864447.9436	C/L CURB RAMP AT BACK OF LANDING



NOTES:

- 1. SIDEWALK AND CURB RAMPS SHALL BE ITEM 608 AND COMPOSED OF CONCRETE.
- 2. FOR SIGNING AND STRIPING PLAN, SEE SHEET 29.

LEGEND:

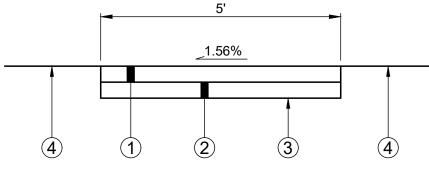


DETECTABLE WARNING, TYPE E

PR. SIGN ASSEMBLY (SEE SHEET 5)



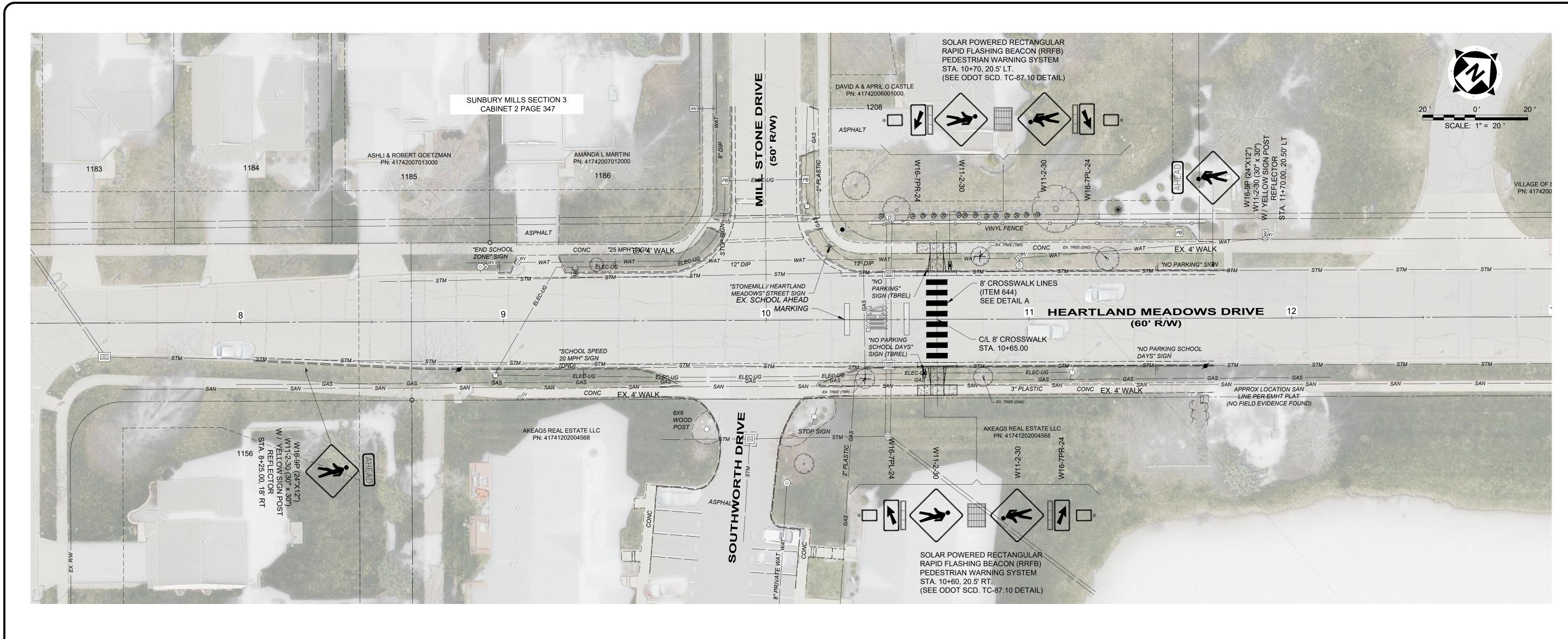
MEET EXISTING



TYPICAL WALK SECTION

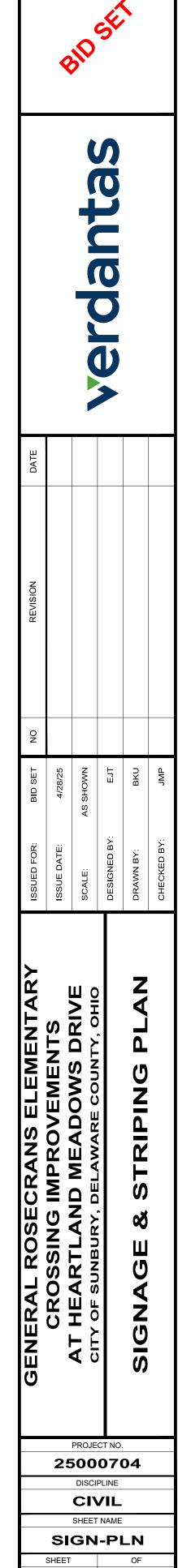
- 1 ITEM 608 4" CONCRETE WALK
- (2) ITEM 304 4" AGGREGATE BASE
- (3) ITEM 204 SUBGRADE COMPACTION
- (4) ITEM 659 SEEDING AND MULCHING

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GENERAL ROSECRANS ELEMENTARY		AI HEAKILAND MEADOWS DKIVE CITY OF SUNBURY, DELAWARE COUNTY, OHIO		CURB RAMP DETAILS	
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NOTES:

1. SEE UTILITY EXPOSURE NOTES ON SHEET 27.



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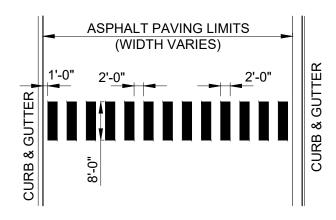
54

LEGEND:



DETECTABLE WARNING, TYPE E PR. SIGN ASSEMBLY (SEE SHEET 5)

PR. ADVANCED WARNING SIGN



ITEM 644 - CROSSWALK LINE, TYPE A1

THIS ITEM SHALL MEET THE REQUIREMENTS OF ITEM 644 AND CONFORM TO THE FOLLOWING DIMENSIONS:

2'-0" TYPICAL SPACING MAY VARY SLIGHTLY FOR PROPER PLACEMENT BETWEEN CURB AND CURB & GUTTER.

PAYMENT FOR THIS ITEM SHALL BE MADE AT THE CONTRACT BID PRICE PER FOOT.

* BALANCE SPACE BETWEEN EDGES OF PAVEMENT



TEMPORARY TRAFFIC CONTROL:

- 1. ALL TEMPORARY TRAFFIC CONTROL (TTC) DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (CURRENT EDITION). COPIES ARE AVAILABLE FROM THE OHIO DEPARTMENT OF TRANSPORTATION, OFFICE OF CONTRACTS, 1980 WEST BROAD STREET, COLUMBUS, OHIO 43223. NOTE: ALL DEVICES SHALL COMPLY, FOR CONDITION AND LOCATION, WITH THE CURRENT EDITION OF THE NCHRP 350 AND MASH CRASH TESTING GUIDELINES.
- 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND, OR DETOURED AWAY FROM THE CONSTRUCTION SITE. TRAFFIC CONTROL FOR PEDESTRIAN MOVEMENT SHALL BE AS PER OHIO DEPARTMENT OF TRANSPORTATION STANDARD CONSTRUCTION DRAWING, MT-110.10. WHEN NOT SHOWN ON A SIGNED PLAN, ALL SIDEWALK DIVERSIONS AND TEMPORARY MID-BLOCK CROSSINGS SHALL BE PRE-APPROVED BY THE PROJECT ENGINEER. ACCESS FOR PEDESTRIAN AND VEHICULAR TRAFFIC TO ALL ADJOINING PROPERTIES SHALL BE MAINTAINED AT ALL TIMES.
- 3. MAINTAINING TRAFFIC DURING HOLIDAYS AND SPECIAL EVENTS: NO WORK SHALL BE PERFORMED AND ALL EXISTING LANES SHALL BE OPEN TO TRAFFIC DURING DESIGNATED HOLIDAYS OR SPECIAL EVENTS. THE PERIOD OF TIME THAT THE LANES ARE TO BE OPEN DEPENDS ON THE DAY OF THE WEEK ON WHICH THE HOLIDAY OR EVENT FALLS. CONTACT THE CITY OF SUNBURY FOR EVENT DATES, LOCATIONS, AND SCHEDULE. HOLIDAYS WILL CONSIST OF CHRISTMAS, NEW YEARS, FOURTH OF JULY, MEMORIAL DAY, LABOR DAY, AND THANKSGIVING. ALL TEMPORARY TRAFFIC CONTROL DEVICES TO BE REMOVED FROM THE PROJECT AREA AND PLACED EITHER IN A PRE-DETERMINED LOCATION APPROVED BY THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR COMPLETELY REMOVED FROM THE SITE.
- 4. THE CONTRACTOR SHALL CONTACT THE CITY OF SUNBURY, DEPARTMENT OF PUBLIC SERVICE AND ENGINEERING FOR ANY ADDITIONAL MAINTENANCE OF TRAFFIC REQUIREMENTS FOR SPECIAL EVENTS.
- 5. THE CONTRACTOR SHALL MAINTAIN ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS THROUGHOUT THIS PROJECT. PERMANENT TRAFFIC CONTROLS MAY BE TEMPORARILY RELOCATED OR COVERED, AS APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED, OR IMPROPERLY PLACED SIGNS.

ITEM 614 - MAINTAINING TRAFFIC:

ALL COSTS THAT CONSIST OF MAINTAINING AND PROTECTING VEHICULAR AND PEDESTRIAN TRAFFIC ACCORDING TO THE LATEST EDITION OF ODOT CONSTRUCTION AND MATERIAL SPECIFICATIONS, THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (OMUTCD), AND PER THE REQUIREMENTS DESIGNATED IN THE PLAN INCLUDING ALL LAW ENFORCEMENT OFFICER (LEO) AND FLAGGER HOURS SHALL BE INCLUDED IN THE LUMP SUM ITEM 614.

IN ADDITION TO THE REQUIREMENTS HEREIN, AND THE LATEST EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. A UNIFORMED LAW ENFORCEMENT OFFICER (LEO) SHALL BE PROVIDED FOR CONTROLLING TRAFFIC UNDER THE FOLLOWING CONDITIONS:

- WORK WITHIN A SIGNALIZED INTERSECTION, DEFINED AS THE AREA BOUNDED BY THE REAR X-WALK LINES
- WHEN FLAGGING WITHIN THE INTERSECTION OF TWO ARTERIAL ROADWAYS
- WHEN SPECIFIED IN THE MAINTENANCE OF TRAFFIC PLAN OR AS WHEN DIRECTED BY THE PROJECT ENGINEER
- WHEN SHIFTING TRAFFIC LEFT OF CENTER, THROUGH A SIGNALIZED INTERSECTION, WITHOUT SHIFTING SIGNAL HEADS

A FLAGGER SHALL BE UTILIZED TO ASSIST IN CONTROLLING TRAFFIC WHILE EQUIPMENT IS ENTERING OR EXITING AN INTERSECTION OR WORK ZONE. THE CONTRACTOR MAY UTILIZE HIS OWN FLAGGER OR LEO UNDER PAY ITEM 614 MAINTAINING TRAFFIC, LUMP SUM. FLAGGERS AND LEO'S SHALL BE EQUIPPED ACCORDING TO THE STANDARDS FOR FLAGGING TRAFFIC CONTAINED IN THE OMUTCD. FLAGGING OPERATIONS PERFORMED BY LEO'S OR DESIGNATED FLAGGERS SHALL ONLY BE PERMITTED AS LONG AS ALL TRAFFIC CONTROL IS IN PLACE ACCORDING TO FIGURE 6H-10 (TA-10) IN THE OHIO MANUAL. PATROL CARS SHALL NOT BE USED IN FLAGGING OPERATIONS.

IF THE CONTRACTOR WISHES TO UTILIZE LEO'S WITH OR WITHOUT PATROL CARS FOR TRAFFIC CONTROL OTHER THAN FOR THAT REQUIRED IN THE PLANS, THEY MAY DO SO AT THEIR OWN EXPENSE. THE CONTRACTOR SHALL MAKE ARRANGEMENT THROUGH THE WORTHINGTON POLICE DEPARTMENT AT (614) 436-6595.

LEO'S SHALL BE CONSIDERED TO BE EMPLOYED BY THE CONTRACTOR AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR ACTIONS. ALTHOUGH EMPLOYED BY THE CONTRACTOR, THE CITY REPRESENTATIVE SHALL HAVE CONTROL OVER THEIR PLACEMENT. LEO'S SHALL NOT HAVE THE AUTHORITY TO CHANGE, EDIT OR MODIFY ANY MAINTENANCE OF TRAFFIC SCHEME WITHOUT THE PERMISSION OF THE TEMPORARY TRAFFIC CONTROL COORDINATOR OR PROJECT ENGINEER UNLESS AN EMERGENCY DEVELOPS.

IF A SAFETY HAZARD DEVELOPS, A LEO MAY BE ASSIGNED BY THE COLUMBUS PUBLIC SAFETY AND/OR THE PUBLIC SERVICE DIRECTOR AT THE CONTRACTOR'S EXPENSE.

TEMPORARY TRAFFIC CONTROL:

- 1. TYPE C STEADY-BURN OR TYPE D 360-DEGREE STEADY-BURN WARNING LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS, AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ONLY 42" REFLECTORIZED CHANNELIZING DEVICES (CONES) SHALL BE PERMITTED FOR NIGHTTIME WORK WITH THE APPROVAL OF THE CITY ENGINEER AT 614-431-2425 PER O.D.O.T. STANDARDS.
- 2. ALL EXISTING TRAFFIC LANES SHALL BE FULLY OPEN TO TRAFFIC AT ALL TIMES ON: FAIRLAND DRIVE, RAINIER PLACE, AND THE SCHOOL SERVICE DRIVE.

EXISTING PERMANENT TRAFFIC CONTROL:

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING CONSTRUCTION. PERMANENT TRAFFIC CONTROL NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE REPLACED IMMEDIATELY.
- 2. THE CONTRACTOR SHALL REPLACE ALL PAVEMENT MARKINGS, INCLUDING RAISED PAVEMENT MARKERS (RPM) SHOWN IN CONFLICT, REMOVED DUE TO CONSTRUCTION OR MAINTENANCE OF TRAFFIC SET UP, DESTROYED, OR RENDERED UNSERVICEABLE BY THE PROJECT ENGINEER OR THE PUBLIC SERVICE PAVEMENT MARKING MANAGER. ALL PAVEMENT MARKING MATERIALS SHALL BE REPLACED IN-LIKE KIND IF NOT SHOWN IN THE PLAN OR PERMIT INCLUDING RAISED PAVEMENT MARKERS. ALL PAVEMENT MARKINGS SHALL BE REPLACED IN FULL. NO PARTIAL LENGTH OR SECTIONS OF PAVEMENT MARKINGS SHALL BE REPLACED WITHOUT REMOVING THE ENTIRE MARKING BY USE OF THE WATER BLAST METHOD. REMOVAL BY ABRASIVE WHEEL GRINDING SHALL ONLY BE APPROVED BY THE PUBLIC SERVICE PAVEMENT MARKING MANAGER.

CONSTRUCTION SEQUENCE:

PHASE 1:

- OR COVERED UNTIL THEY ARE OPERATIONAL.
- OR COVERED UNTIL THEY ARE OPERATIONAL.

PHASE 2:

- 2. UNBAG AND UNCOVER RRFB'S.

1. CONSTRUCT NORTH SIDE OF HEARTLAND MEADOWS SIDEWALK, CURB RAMPS, RRFB SIGNS, AND ADVANCED WARNING SIGNS, WHILE MAINTAINING VEHICLE TRAFFIC PER SCD 97.10. PEDESTRIAN TRAFFIC SHALL BE DETOURED PER SCD. MT-110.10. RRFBS ARE TO BE BAGGED

2. CONSTRUCT SOUTH SIDE OF HEARTLAND MEADOWS SIDEWALK, CURB RAMPS, RRFB SIGNS, AND ADVANCED WARNING SIGNS, WHILE MAINTAINING VEHICLE TRAFFIC PER SCD 97.10. PEDESTRIAN TRAFFIC SHALL BE DETOURED PER SCD. MT-110.10. RRFBS ARE TO BE BAGGED

1. PLACE CROSSWALK AND ALL STRIPING WHILE MAINTAINING TRAFFIC USING SCD. MT-97.10. PEDESTRIAN TRAFFIC SHALL BE DETOURED PER SCD. MT-110.10.

GENERAL ROSECRANS ELEMENTARY	IS ELEMENTARY	ISSUED FOR:	BID SET	NO	REVISION	DATE	
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)				
AI HEAKILAND MEADOWS DKIVE CITY OF SUNBURY. DELAWARE COUNTY, OHIO		SCALE:	AS SHOWN				(+0)
		DESIGNED BY:	EJT				
MAINTENANCE OF TRAFFIC		DRAWN BY:	BKU				
		CHECKED BY:	JMP				



COLUMBUS STREET PARKING LOT

PROJECT:

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

PROJECT DESCRIPTION:

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

BASIS OF BEARINGS:

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

FLOOD DESIGNATION:

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

ZONING INFORMATION:

OWNER: CITY OF SUNBURY, OH

PROPERTY ADDRESS: 59 S. COLUMBUS ST.

PARCEL NUMBER: 41741118005000, 41741118004000

TOTAL ACREAGE: 0.426 ACRES

ACREAGE DISTURBED: 0.426 ACRES

CURRENT ZONING: C-3 - CENTRAL BUSINESS DISTRICT

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

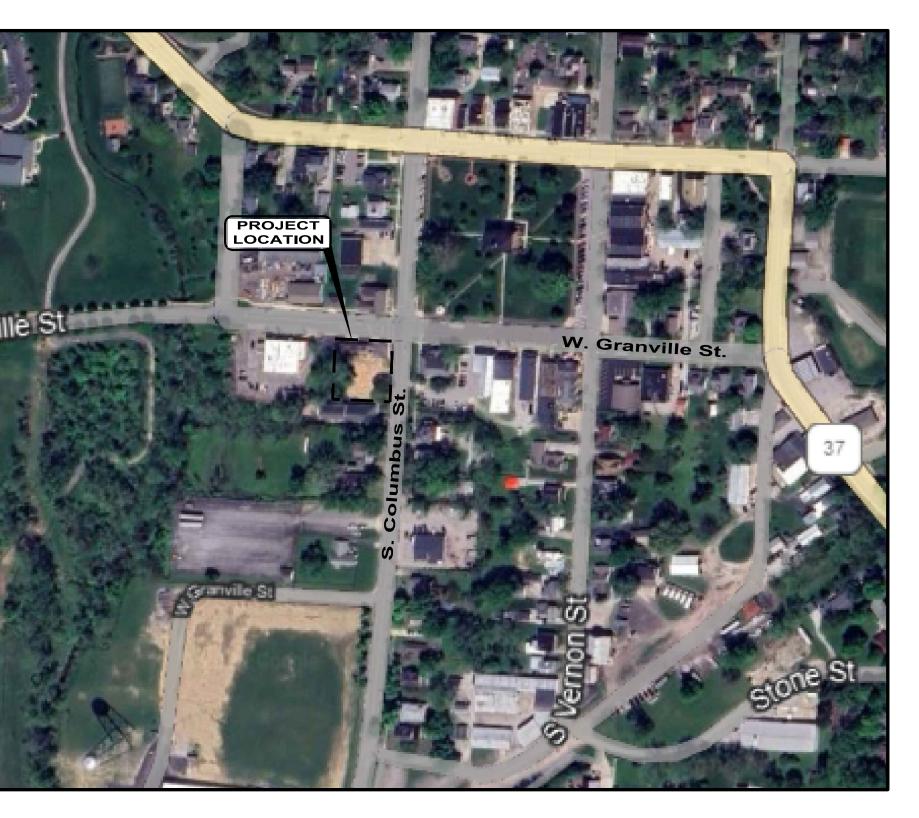


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- ENGINEERING PLANS FOR -

CITY OF SUNBURY, DELAWARE COUNTY, OHIO

2025



VICINITY MAP NTS

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VERDANTAS DUBLIN, OHIO 43016

OFFICE: 614-885-1700

CITY OFFICIALS:

ADMINISTRATION:

JOESEPH ST. JOHN MA DARYL HENNESSY.....CIT

DANA STEFFAN..... DI

ROBERT HOWARD PO

CARLA ODEBRALSKI...... CI

THE CITY OF SUNBURY'S SIGNATURE ON THIS PLAN SIGNIFIES ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND LOCATION OF THE PROPOSED IMPROVEMENTS. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE PROFESSIONAL ENGINEER WHO PREPARED AND CERTIFIED THESE PLANS.

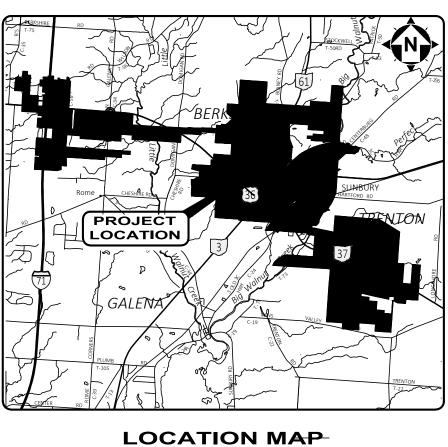
DARYL HENNESSY, CITY ADMINISTRATOR, CITY OF SUNBURY

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

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

DAN WHITED, P.E. NO. E-58078

DATE



ENGINEER

6397 EMERALD PKWY, SUITE 200 CONTACT: DANIEL WHITED, P.E. EMAIL: DWHITED@VERDANTAS.COM

OWNER

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

<u>l:</u>	COUNCIL:
AYOR	JOHN GRUMNEYPRESIDENT
ITY ADMINISTRATOR	TIM GOSE COUNCIL MEMBER
DIRECTOR OF FINANCE	DAVID MARTIN COUNCIL MEMBER
POLICE CHIEF	DAMIN CAPPEL COUNCIL MEMBER
CITY ENGINEER	CINDI COOPER COUNCIL MEMBER
	MOLLY DRAYER COUNCIL MEMBER

CITY OF SUNBURY APPROVAL:

DESIGN ENGINEER:

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			CHECKED BY:	DWW				

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GENERAL NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND SPECIFICATIONS, THE LATEST EDITION OF THE CONSTRUCTION AND MATERIAL SPECIFICATIONS MANUAL OF THE STATE OF OHIO. DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS, AND THE CITY OF SUNBURY SUBDIVISION REGULATIONS.
- THERE SHALL BE NO DEVIATION FROM THE APPROVED PLANS WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER OR THEIR REPRESENTATIVE. ANY DEVIATION FROM THESE PLANS WITHOUT PRIOR WRITTEN APPROVAL SHALL BE AT THE CONTRACTOR'S RISK AND EXPENSE.
- THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A TESTING AGENCY FOR ALL REQUIRED TESTING.
- 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.
- 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.
- 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 ¹/₂" DEFORMED DOWEL WITH 9" MINIMUM EMBEDMENT.
- 16. THE CONTRACTOR SHALL COMPLY AT ALL TIMES WITH APPLICABLE
- 17. 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.
- 18. 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.
- 19. CONTRACTOR SHALL REFER TO OTHER PLANS WITHIN THIS CONSTRUCTION SET FOR OTHER PERTINENT INFORMATION.

ACCESSIBILITY NOTES:

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

UTILITY NOTES:

- 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 THE 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.
- RECORD DRAWINGS OF NEW UTILITY SERVICES SHALL BE 6. 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.
- 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.
- CONNECTIONS INTO EXISTING OR PR. 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.
- ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- 7. CONTRACTOR SHALL ASSURE THAT THERE IS POSITIVE DRAINAGE TO W. GRANVILLE AVE. AND S. COLUMBUS ST. UPON PLACEMENT OF NEW PAVEMENT.
- 8. 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.

GAS NOTES:

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

ELECTRIC NOTES:

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

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:

- 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.
- 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 PR 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. 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.
- 7. THE CONTRACTOR SHALL REMOVE FROM THE SITE ALL MATERIAL DEEMED UNSUITABLE FOR EMBANKMENT BY THE OWNER'S REPRESENTATIVE AND BE DISPOSED OF OFF-SITE.
- 8. THE CONTRACTOR SHALL PROVIDE FINAL GRADING TO WITHIN 1" OF GRADES SHOWN ON THE PLANS.
- 9. 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.
- 10. 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.
- 11. 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.
- 12. NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE, RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE SHALL BE USED AS FILL.
- 13. EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN CONDITIONS TO PREVENT PONDING OF WATER AFTER RAINS.
- 14. ALL EXISTING AND PR. MANHOLE COVERS, VALVE BOXES, ETC. LOCATED WITHIN PEDESTRIAN ACCESS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE.
- 15. SLOPE ALL PAVING AND LANDSCAPE AREAS AT A MINIMUM OF 1%.
- 16. 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.
- 17. THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY EARTHWORK OPERATIONS.
- 18. MAINTENANCE OF ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 19. CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF REPAIR AND/OR REPLACEMENT OF BMP'S.

LINETYPE LEGEND:

G	EX. GAS LINE
GS GS GS -	EX. GAS SERVICE
	-E-OH EX. ELECTRIC (UG / OH)
C-UG/ /C-	-он EX. CABLE (UG / OH)
	-т-он — EX. TELEPHONE (UG / OH)
W W	W — EX. WATER MAIN
	E = = EX. STORM SEWER
RD RD RD	RD — EX. ROOF DRAIN
S	EX. SANITARY SEWER
FM	EX. SANITARY FORCE MAI
FO	EX. FIBER OPTICS
X X X X	EX. FENCE
650	EX. CONTOURS (MAJOR)
648	EX. CONTOURS (MINOR)
EX. R/W	EX. RIGHT OF WAY
	EX. PROPERTY LINE
	EX. EASEMENT
	Y Y . EX. TREE LINE
G G 	PR. GAS LINE
GS	GS PR. GAS SERVICE
E-UGE-OH	EX. ELECTRIC (UG / OH)
C-UG//C-OH	PR. CABLE (UG / OH)
T-UG//T-OH	PR. TELEPHONE (UG / OH)
WW	PR. WATER MAIN

ws water service

_____ X ____ X ____ X ____ PR. FENCE

PR. RIGHT OF WAY

------ PR. PROPERTY LINE

PR. DISTURBED LIMITS

---- PR FASEMENT

PR. STORM SEWER

FM ------- PR. SANITARY FORCE MAIN

PR. CONTOURS (MAJOR)

PR. TREE LINE / CLEARING LIMITS

PR. SANITARY SEWER

FO PR. FIBER OPTICS

COLLECTOR COMBO

SYMBOL LEGEND:

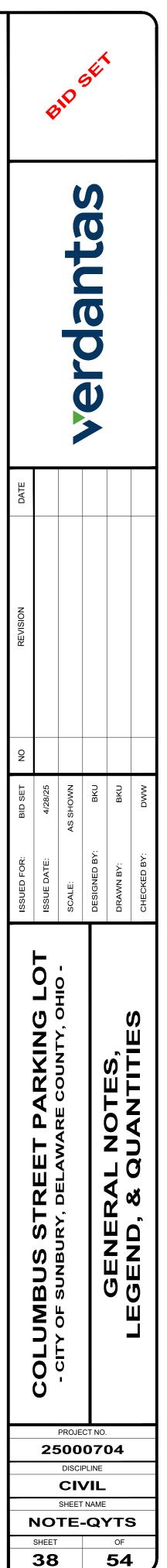
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	OL LLOLIND.		
	EX. FLAGPOLE	F	PR. FLAGPOLE
B	EX. MAILBOX	/ <u>MB</u>	PR. MAILBOX
-	EX. SIGN	-0-	PR. SIGN
2	EX. CABLE PEDESTAL	СР	PR. CABLE PEDESTA
	EX. ELECTRIC PEDESTAL	EP	PR. ELECTRIC PEDE
3	EX. PULL BOX	РВ	PR. PULL BOX
Ę	EX. GROUND LIGHT	Q€	PR. GROUND LIGHT
][-	EX. LIGHT POLE	-@-	PR. LIGHT POLE
1	EX. ELECTRIC METER	ĒM	PR. ELECTRIC METE
	EX. ELECTRIC MANHOLE	Ø	PR, ELECTRIC MANH
Л	EX. GAS METER	GM	PR. GAS METER
GV)	EX. GAS VALVE	\bigotimes^{GV}	PR. GAS VALVE
-	EX. GAS BOX	GF	PR. GAS BOX
)	EX. UTILITY POLE	ø	PR. UTILITY POLE
	EX. GUY WIRE / ANCHOR	(PR. GUY WIRE / ANC
	EX. SANITARY MANHOLE	6	PR. SANITARY MANH
SCO	EX. SANITARY CLEANOUT	osco	PR. SANITARY CLEA
	EX. STORM MANHOLE	Ø	PR. STORM MANHOL
	EX. SINGLE / DOUBLE CURB INLET		PR. SINGLE / DOUBLE
	EX. CATCH BASIN		PR. CATCH BASIN
DCO	EX. STORM CLEANOUT	ODCO	PR. STORM CLEANC
	EX. TELEPHONE MANHOLE	\bigcirc	PR. TELEPHONE MA
	EX. TELEPHONE PEDESTAL	ТР	PR. TELEPHONE PEI
X	EX. FIRE HYDRANT	T	PR. FIRE HYDRANT
M	EX. WATER METER	[WM]	PR. WATER METER
WV)	EX. WATER VALVE	Ø ^{WV}	PR. WATER VALVE
	EX. BUSHES / TREES	$\mathbb{X} \otimes \mathbb{X}$	REMOVE EXISTING
BM#	EX. SURVEY BENCHMARK	- /	PR. SLOPE DIRECTION

TEST BORING LOCATION

ITEM NUMBER	DESCRIPTION	UNIT	GRAND TOTAL
201E11000	Clearing and Grubbing	LS	1
202E23026	Excavation and Removal of Existing Pavement & Base, As Per Plan	SY	836
202E98011	Removal Misc.: Misc. Site Items, As Per Plan	LS	1
203E10000	Excavation	CY	900
203E20000	Embankment	CY	100
203580612	Special - Bioretention Cell, As Per Plan	EA	3
204E10000	Subgrade Compaction	SY	2,822
204E50000	Geotextile Fabric	SY	1,568
253S05120	Concrete Apron or Drive Replacement, As Per Plan	SF	1,375
605e05113	4 Inch Shallow Pipe Underdrain with Geotextile Fabric for Porous Pavement. As Per Plan	FT	579
602E98013	Masonry, Misc.: Block Masonry Wall With Brick Veneer, As Per Plan	LS	1
607E98011	Fence Misc: Temporary Safety Fence - 4' Plastic	FT	650
608E10000	4 Inch Concrete Walk	SF	1,410
608E52001	Curb Ramp, As Per Plan	SF	300
608561111	Brick Pavers, Pedestrian, With Aggregate Base, As Per Plan	SF	305
608561190	Brick Pavers, Pavement, Permeable	SF	13,180
608561415	Curb Edge Restraint, As Per Plan	SF	75
609E12001	Combination Curb And Gutter, Type 2, As Per Plan	FT	300
609E26001	Curb, Type 6, As Per Plan	FT	928
611E97208	Conduit, Misc.: Clean Out	FT	4
611E98704	Inlet, Yard Drain, As Per Plan	EA	3
614E11001	Maintaining Traffic, As Per Plan	LS	1
623E10000	Construction Layout Stakes And Surveying	LS	1
624E10000	Mobilization	LS	1
625e98202	Lighting, Misc., As Per Plan	LS	1
630E80150	Sign, Flat Sheet, With Mounting Post	EA	2
642E00010	Traffic Paint, As Per Plan	LS	1
651E10011	Topsoil Stockpiled Or Removed, As Per Plan	СҮ	470
653E10001	Topsoil Furnished And Placed, As Per Plan	CY	55
659E00501	Seeding And Mulching, Class 1, As Per Plan	SY	500
661E00501	Mulch, As Per Plan	СҮ	17
661E14000	Perennials	EA	66
661E20020	Deciduous Shrub, 18 Inch Height	EA	62
661E20040	Deciduous Shrub, 2' Height	EA	28
661E40080	Deciduous Tree, 2 Inch Caliper	EA	15
661E50120	Evergreen Tree, 6' Height	EA	3
661E99961	Planting, Misc.: Planting Mix	CY	52
680S17108	Special - Bench	EA	3
690E50500	Special - Concrete Parking Block	EA	2
690E50560	Special - Bicycle Rack	EA	1
703E04002	Aggregate Surface Course, #8 Limestone, As Per Plan	CY	61
703E04003	Aggregate Surface Course, #57 Limestone, As Per Plan	СҮ	161
703E04102	Aggregate Base, Size No. 1 & 2s, As Per Plan	СҮ	327
832E30000	Erosion Control	EA	5000

ESTIMATE OF QUANTITIES



DESTAL

PEDESTAL

METER

MANHOLE

/ ANCHOR

MANHOLE

CLEANOUT

ANHOLE

OUBLE CURB INLET

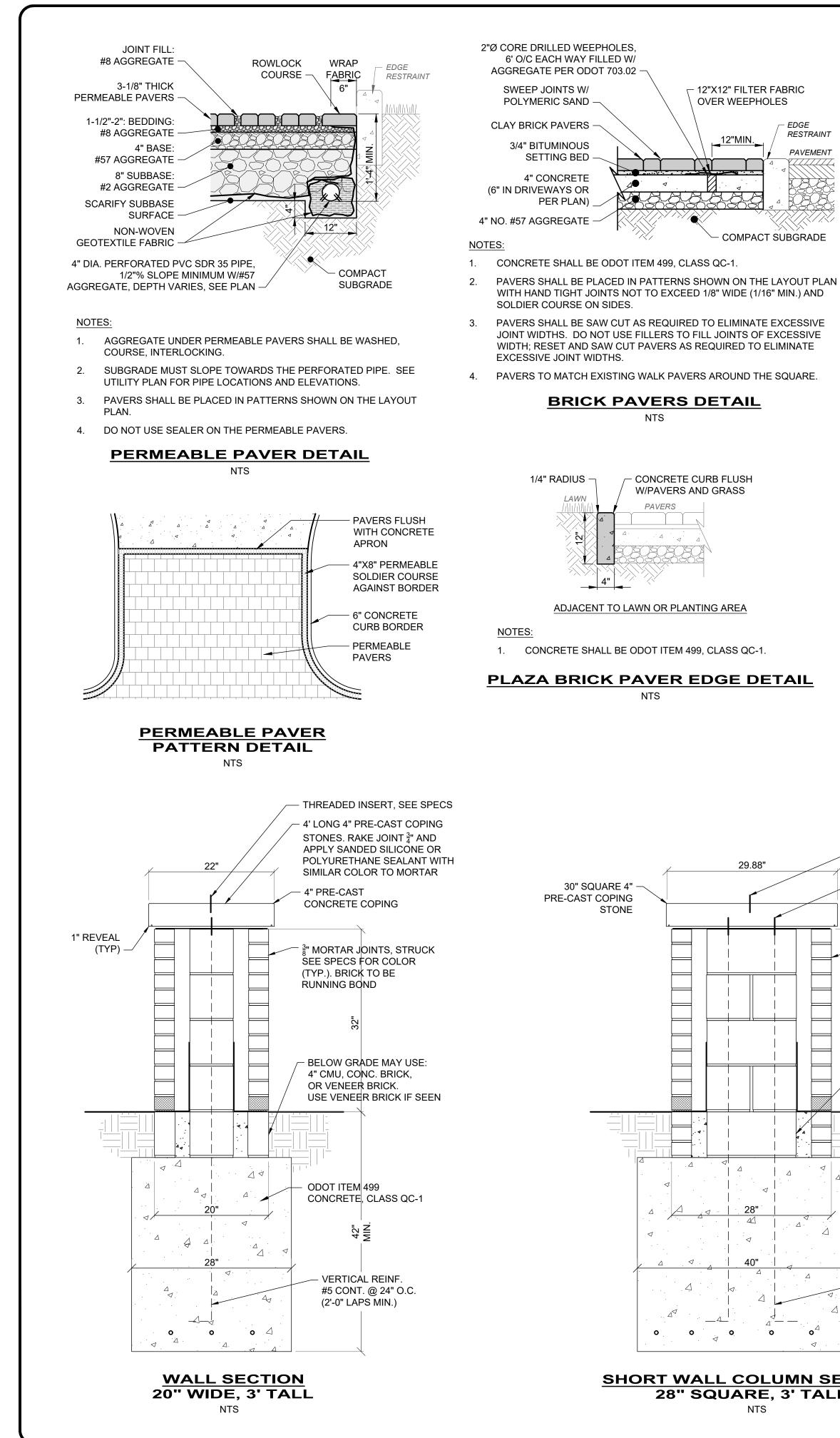
EANOUT

NE MANHOLE

NE PEDESTAL

STING BUSH / TREE

RECTION



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NTS

40"

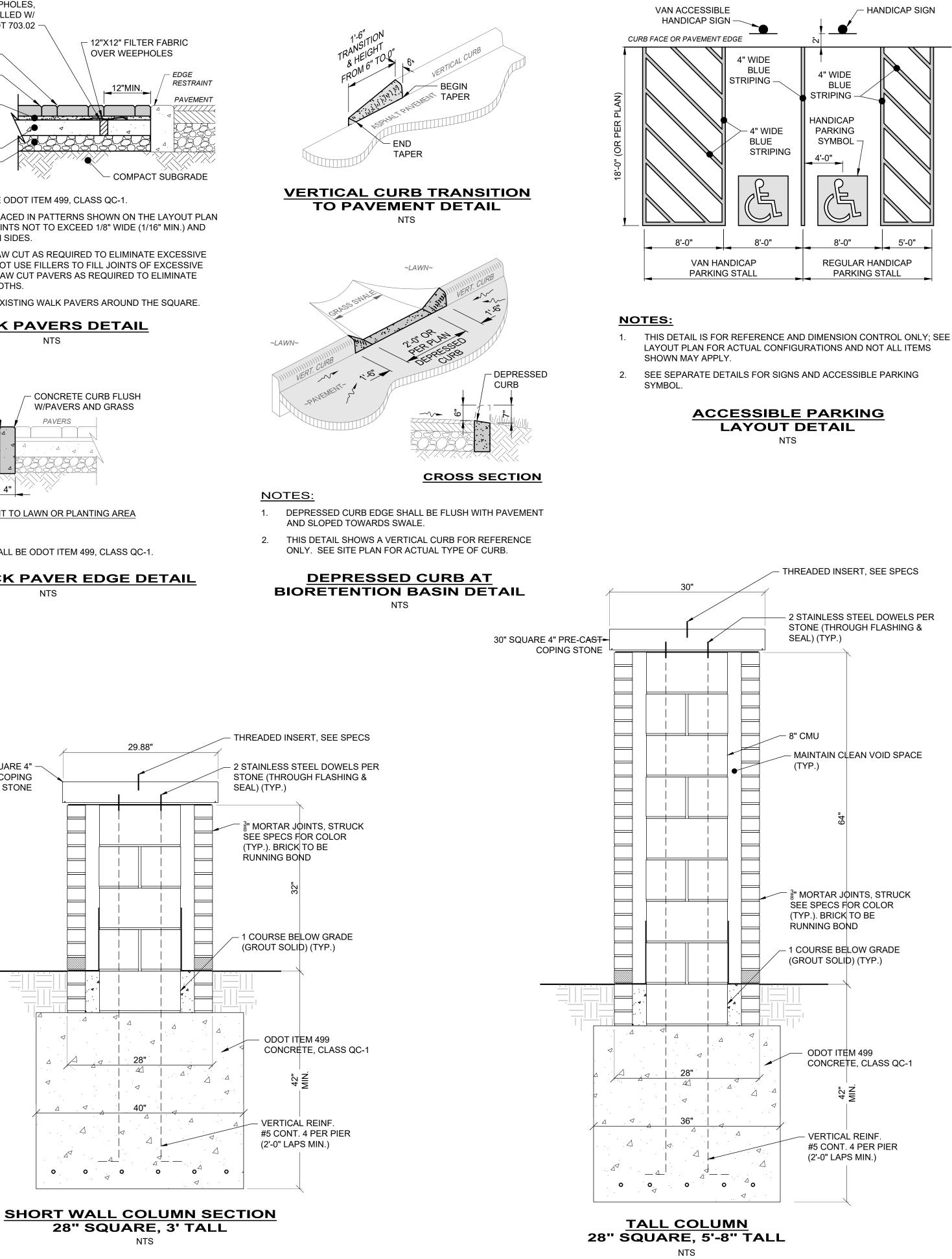
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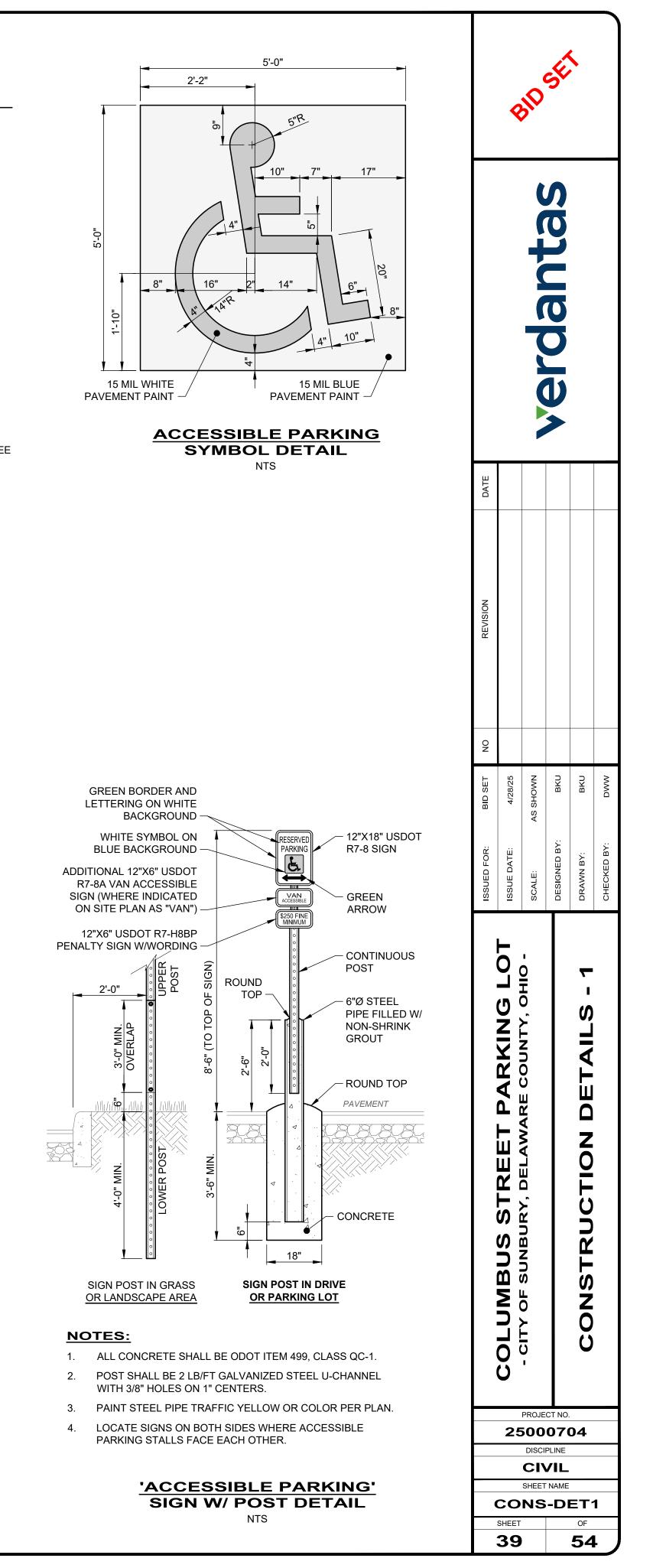
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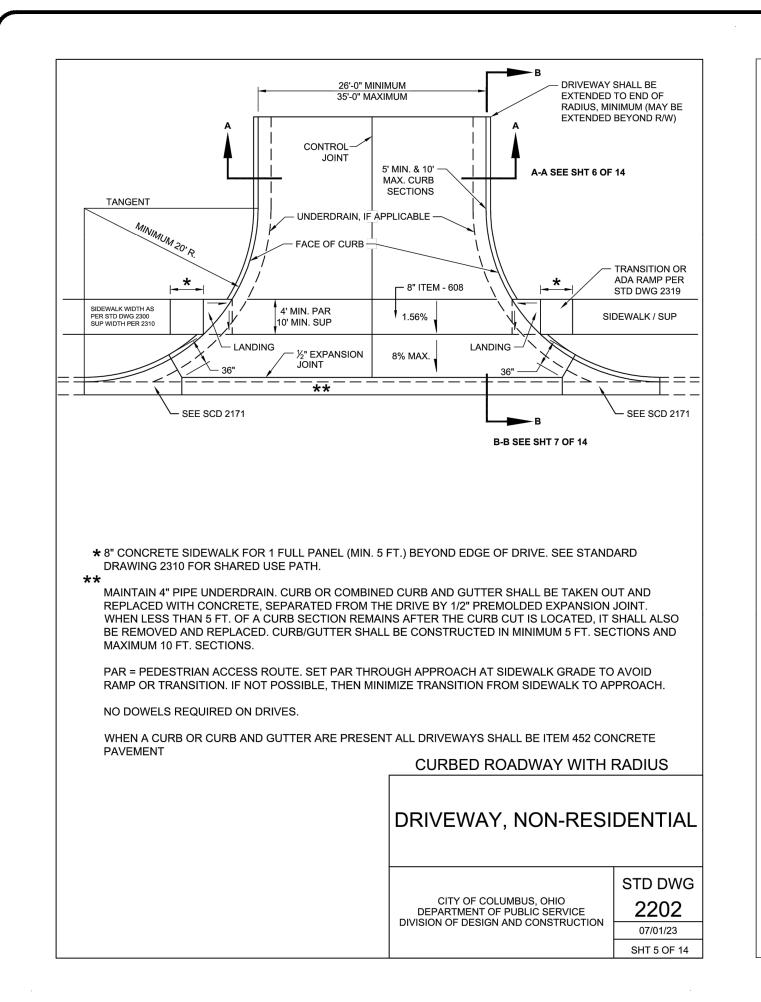
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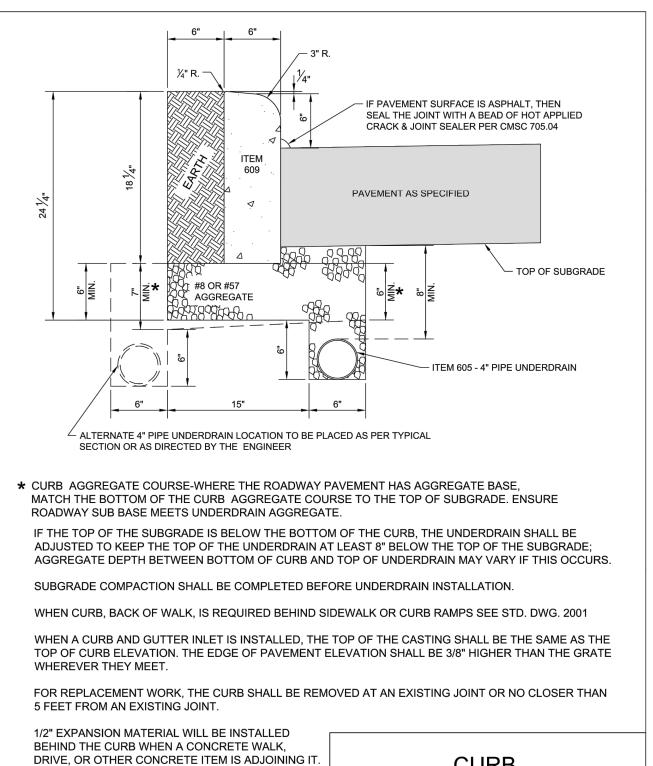
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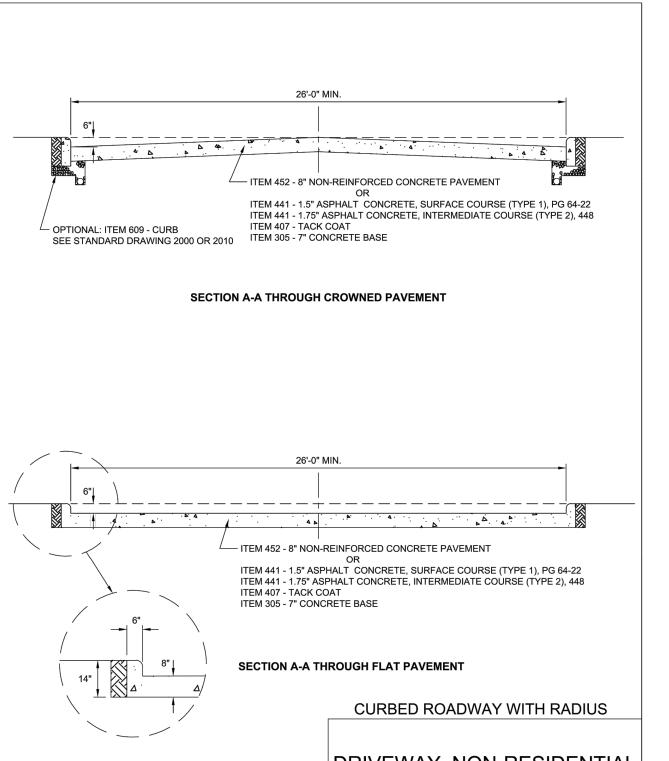
12"MIN

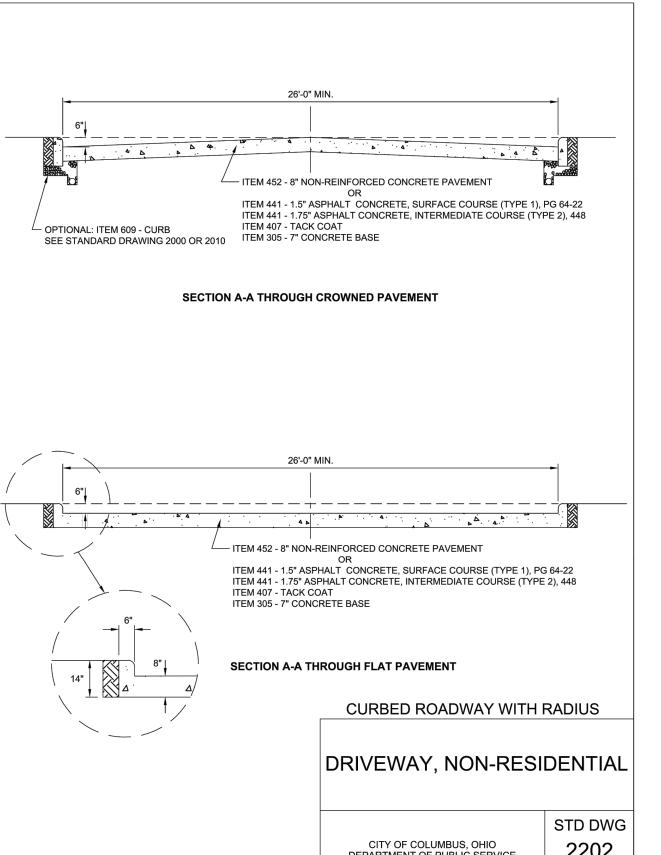


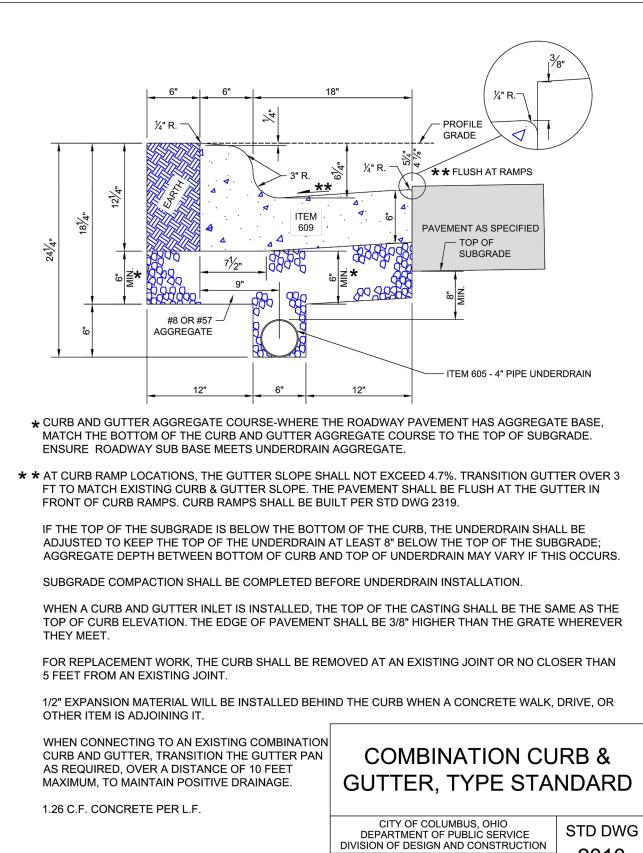












CITY ENGINEER

UNDERDRAIN IS NOT REQUIRED WHEN CURB IS
ALONG CONCRETE MEDIAN OR BACK OF WALK
OR RAMP.

H:2024/241205/DWG\SHEETS\C_241205 - CONSTRUCTION DETAILS.DWG - CONSTRUCTION DETAILS - 2 - 4/15/2025 1:53:46 PM - MANUEL ALEMAN

CURB, STRAIGHT 18"

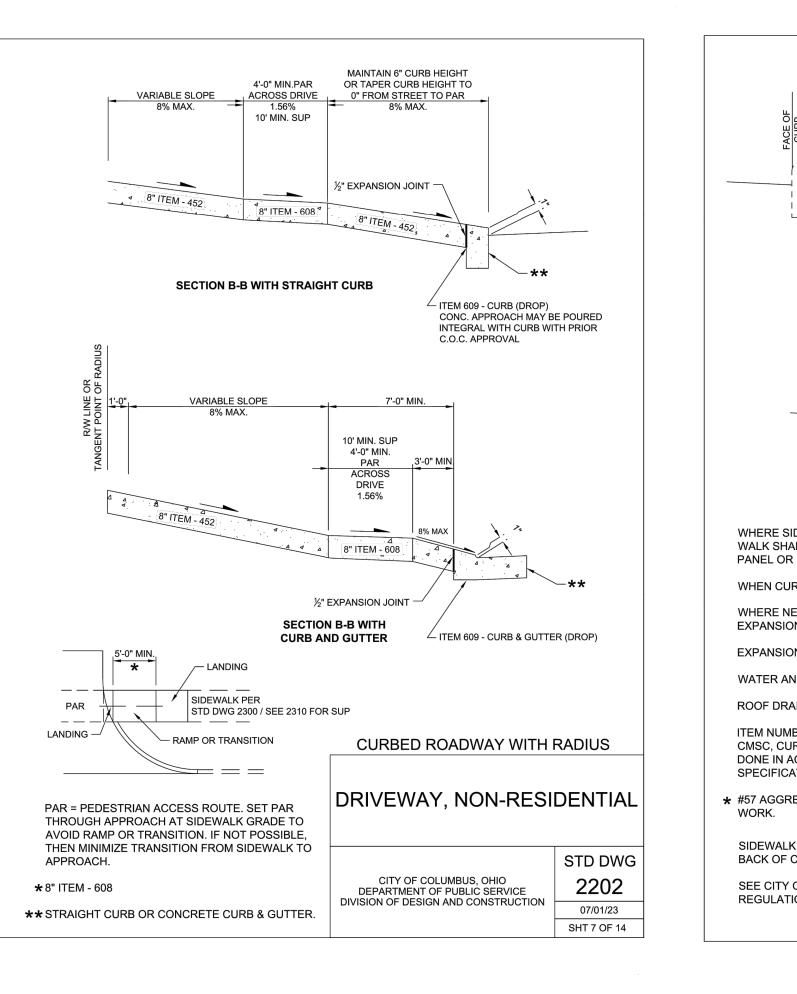
CITY OF COLUMBUS, OHIC STD DWG DEPARTMENT OF PUBLIC SERVICE DIVISION OF DESIGN AND CONSTRUCTION 2000 07/01/2023 alleta CITY ENGINEER SHT 1 OF 1

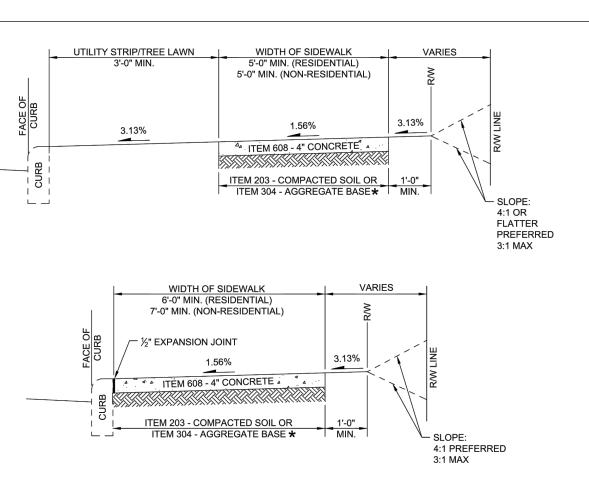
CITY OF COLUMBUS, OHIO DEPARTMENT OF PUBLIC SERVICE DIVISION OF DESIGN AND CONSTRUCTION 07/01/23 SHT 6 OF 14		
DEPARTMENT OF PUBLIC SERVICE DIVISION OF DESIGN AND CONSTRUCTION 07/01/23		STD DWG
07/01/23	DEPARTMENT OF PUBLIC SERVICE	2202
SHT 6 OF 14	DIVISION OF DESIGN AND CONSTRUCTION	07/01/23
		SHT 6 OF 14

2010

07/01/2021

SHT 1 OF 1





WHERE SIDEWALKS ABUT DRIVEWAYS OR ALLEY APPROACHES, THE CONCRETE THICKNESS OF THE WALK SHALL EQUAL THE THICKNESS OF THE APPROACH (6" MINIMUM) FOR A DISTANCE OF ONE (1) FULL PANEL OR MINIMUM 5 FEET. SEE STANDARD DRAWING OF THE APPLICABLE DRIVEWAY OR ALLEY.

WHEN CURB, BACK OF WALK, IS REQUIRED BEHIND SIDEWALK OR RAMP SEE STD. DWG. 2001

WHERE NEW WALK ABUTS ADJOINING WALK, SAWCUT EXISTING WALK TO NEAREST JOINT AND INSTALL EXPANSION JOINT.

EXPANSION JOINT LOCATION AND SPACING PER ITEM 608.03.

WATER AND UTILITY BOXES IN THE SIDEWALK AREA SHALL BE ADJUSTED FLUSH WITH FINAL SURFACE.

ROOF DRAINS SHALL BE EXTENDED UNDER THE SIDEWALK AND THROUGH THE CURB. SEE STD DWG 2320. ITEM NUMBERS REFER TO THE CITY OF COLUMBUS

TIEM NUMBERS REFER TO THE CITY OF COLUMBU
CMSC, CURRENT EDITION. ALL WORK SHALL BE
DONE IN ACCORDANCE WITH THESE
SPECIFICATIONS.

★ #57 AGGREGATE MAY BE USED FOR REPLACEMENT

SIDEWALK WIDTHS SHALL BE MEASURED FROM THE BACK OF CURB. SEE DESIGN MEMO 6.03 SIDEWALKS

SEE CITY OF COLUMBUS ADA RULES ANI
REGULATIONS

DIVISION OF DESIGN AND CONSTRUCTION 2300		
2300	DEPARTMENT OF PUBLIC SERVICE	STD DWG
07/01/2023	DIVISION OF DESIGN AND CONSTRUCTION	2300
		07/01/2023
CITY ENGINEER SHT 1 OF 1	CITY ENGINEER	SHT 1 OF 1

SIDEWALK

	BIDSET						
	verdantas						
DATE							
REVISION							
T NO	10	7					
BID SET	4/28/25	AS SHOWN	BKU	BKU	DWW		
ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:		
COLUMBUS STREET PARKING LOT - CITY OF SUNBURY, DELAWARE COUNTY, OHIO - 20 CONSTRUCTION DETAILS - 2							
PROJECT NO. 25000704 DISCIPLINE CIVIL							
SHEET NAME CONS-DET2 SHEET OF							
40 54							



- 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.

CITY OF COLUMBUS RAMP TYPE HIERARCHY

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

- TYPE C
- TYPE D

TIER 2 (PARALLEL RAMPS SHOULD ONLY BE USED DUE TO RIGHT OF WAY (ROW) OR OTHER SPACE CONSTRAINTS WHERE A TIER 1 RAMP CANNOT BE USED).

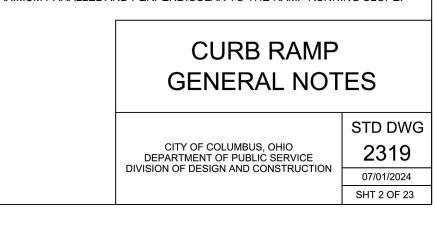
- TYPE P-6
- TYPE P-7 TYPE P-5
- TYPE P-4

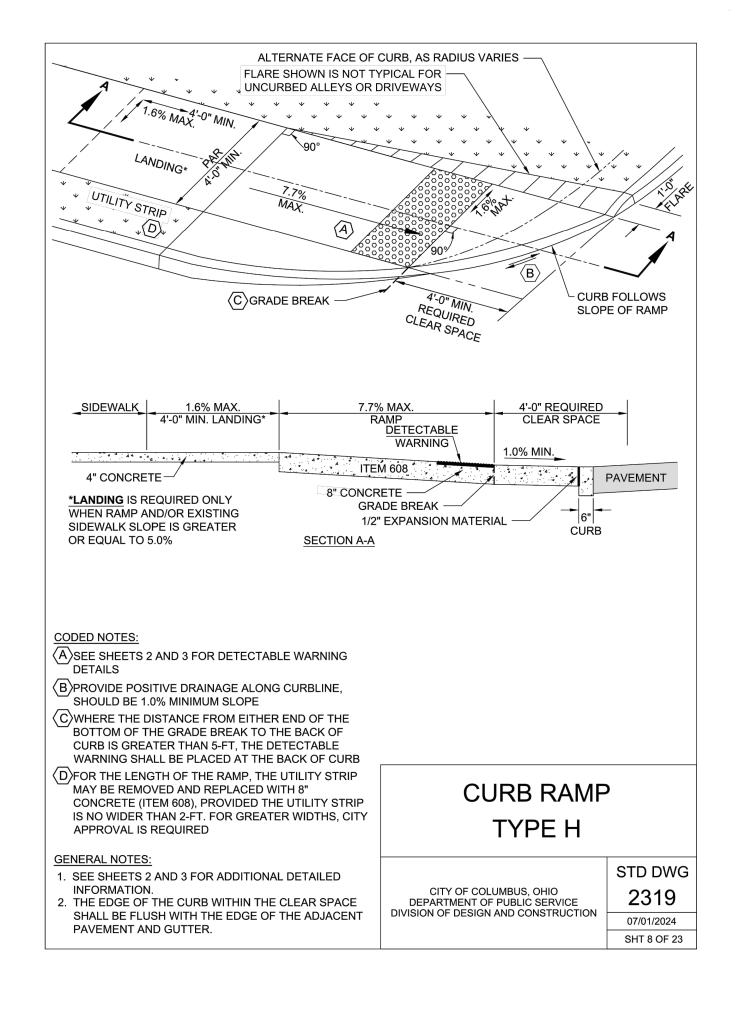
TIER 3 (TIER 3 RAMPS CAN ONLY BE USED WITH WRITTEN APPROVAL BY THE CITY ENGINEER OR DESIGNEE. TIER 3 RAMPS SHALL BE IDENTIFIED IN THE DESIGN SCOPE OR APPROVAL REQUESTED BY THE DESIGNER JUSTIFYING THAT THIS RAMP TYPE IS NECESSARY.)

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

SPECIALTY RAMPS (SHALL ONLY BE USED FOR THE LISTED SITUATION, OR WRITTEN APPROVAL BY THE CITY ENGINEER OR DESIGNEE.)

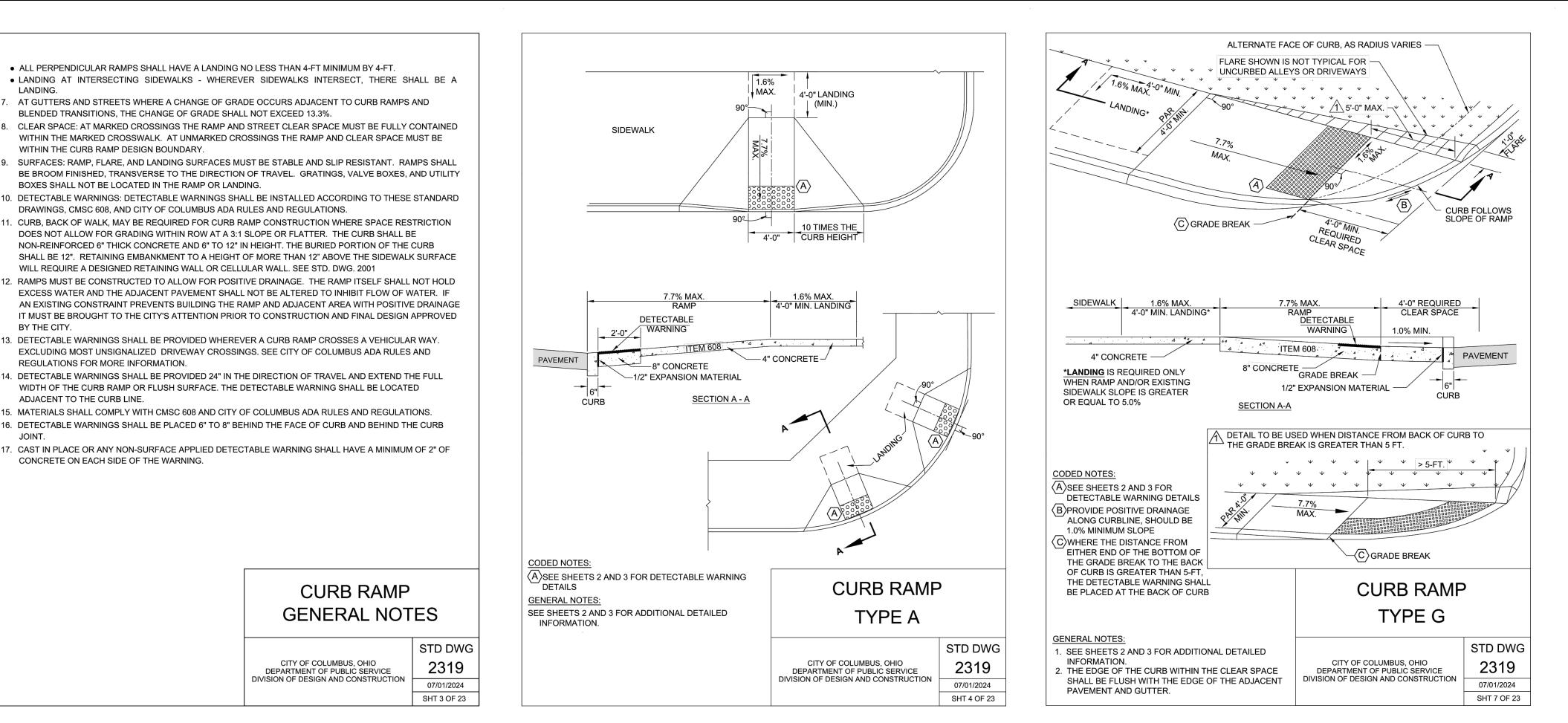
- TYPE G ONLY TO BE USED ON ALLEY CROSSINGS
- TYPE H ONLY TO BE USED ON ALLEY CROSSINGS
- TYPE L-1 ONLY FOR MEDIAN CROSSINGS • TYPE L-2 - ONLY FOR MEDIAN CROSSINGS
- PEDESTRIAN PADS USED FOR ACCESS TO PUSHBUTTONS WHERE THERE IS NO EXISTING SIDEWALK. THE INTENT IS TO PROVIDE ACCESS TO CROSS THE INTERSECTION 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 CROSSWALK LEGS AND THE PUSHBUTTON 4. PP-3 USED TO ONLY ACCESS THE LEG OF THE INTERSECTION CONTROLLED BY THE PUSHBUTTON
- . 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.

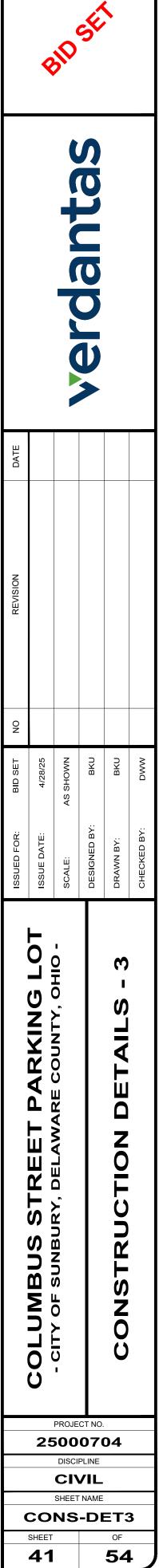


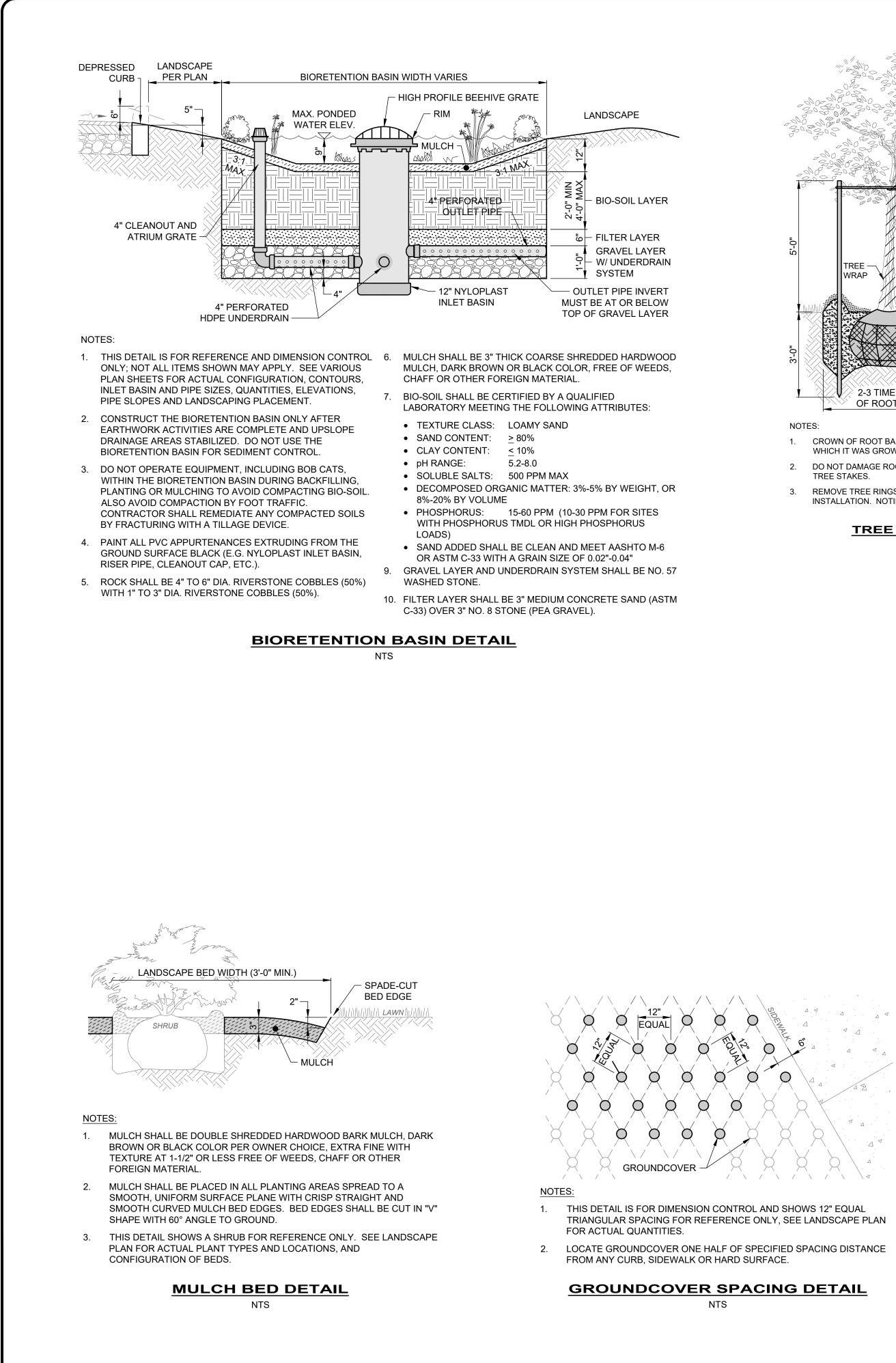


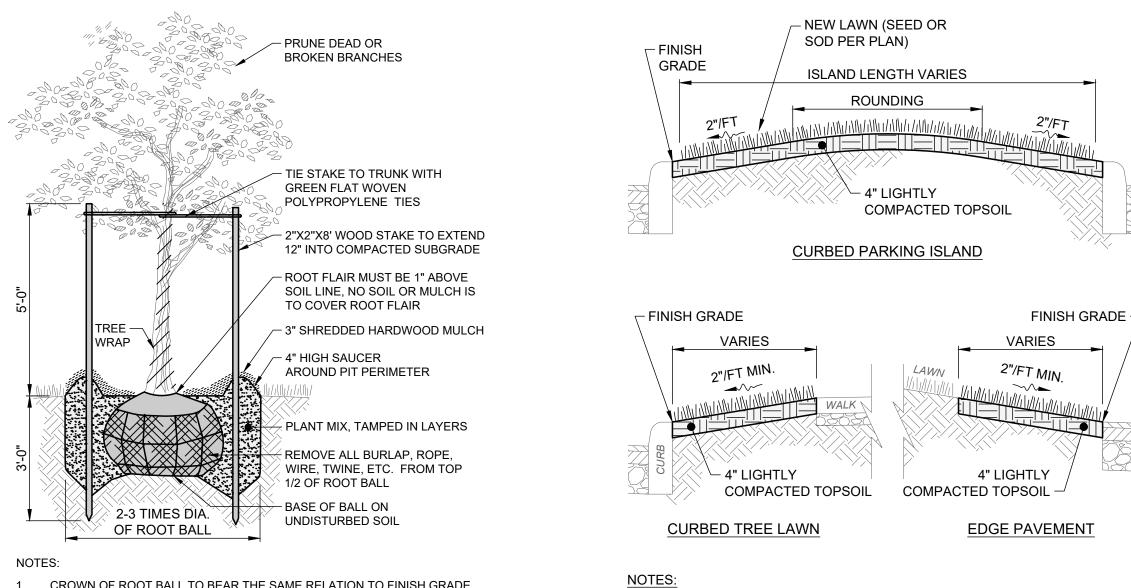
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- ALL PERPENDICULAR RAMPS SHALL HAVE A LANDING NO LESS THAN 4-FT MINIMUM BY 4-FT. LANDING.
- WITHIN THE CURB RAMP DESIGN BOUNDARY.
- BOXES SHALL NOT BE LOCATED IN THE RAMP OR LANDING.
- DRAWINGS, CMSC 608, AND CITY OF COLUMBUS ADA RULES AND REGULATIONS.
- WILL REQUIRE A DESIGNED RETAINING WALL OR CELLULAR WALL. SEE STD. DWG. 2001
- BY THE CITY.
- REGULATIONS FOR MORE INFORMATION.
- ADJACENT TO THE CURB LINE.
- JOINT.
- CONCRETE ON EACH SIDE OF THE WARNING.









- CROWN OF ROOT BALL TO BEAR THE SAME RELATION TO FINISH GRADE
- WHICH IT WAS GROWN AT THE NURSERY. 2. DO NOT DAMAGE ROOTS OR DESTROY ROOT BALL WHEN INSTALLING
- REMOVE TREE RINGS, TREE WRAP AND STAKES 1 YEAR AFTER INSTALLATION. NOTIFY OWNER PRIOR TO REMOVAL.

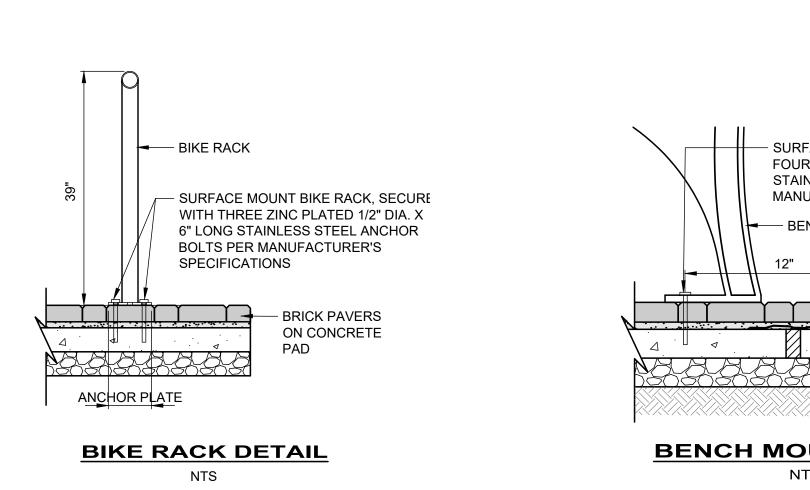
TREE PLANTING DETAIL

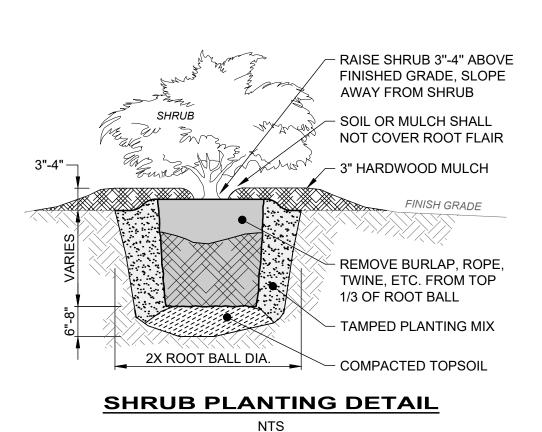
NTS

1. PLACE TOPSOIL TO TOP OF CURB OR EDGE OF SIDEWALK AND FINE GRADE TO A SMOOTH FINISH, FREE OF LUMPS AND DEPRESSIONS.

2. LAWN AREAS, AFTER LIGHT ROLLING, SHALL MEET THE GRADES, ELEVATIONS AND SLOPES SHOWN ON THE GRADING PLANS.







3" MIN. SHREDDED HARDWOOD MULCH

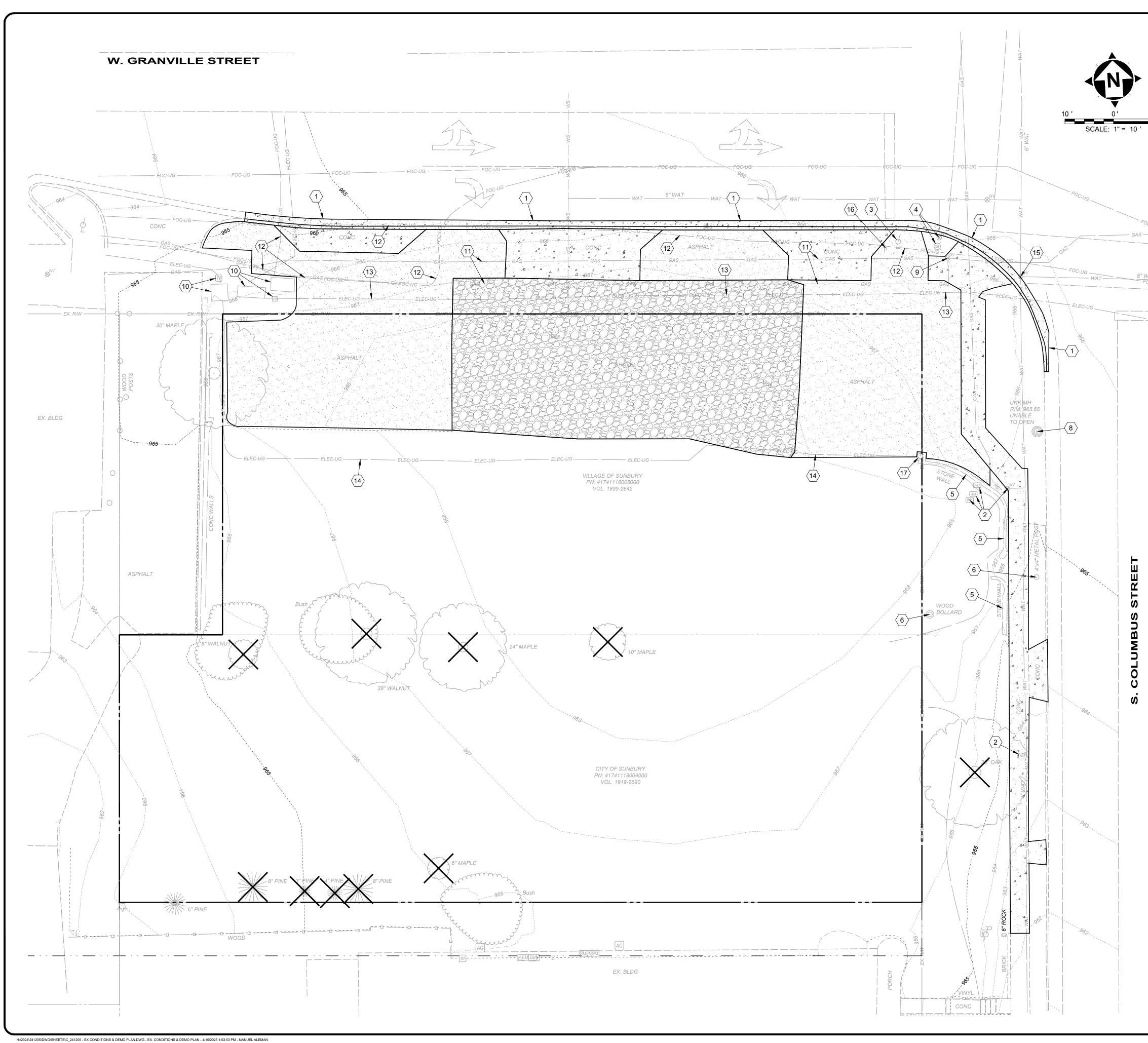
FINISH GRADE

PLANT MIX TAMPED TO FILL

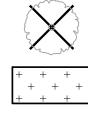
UNDISTURBED SOIL -



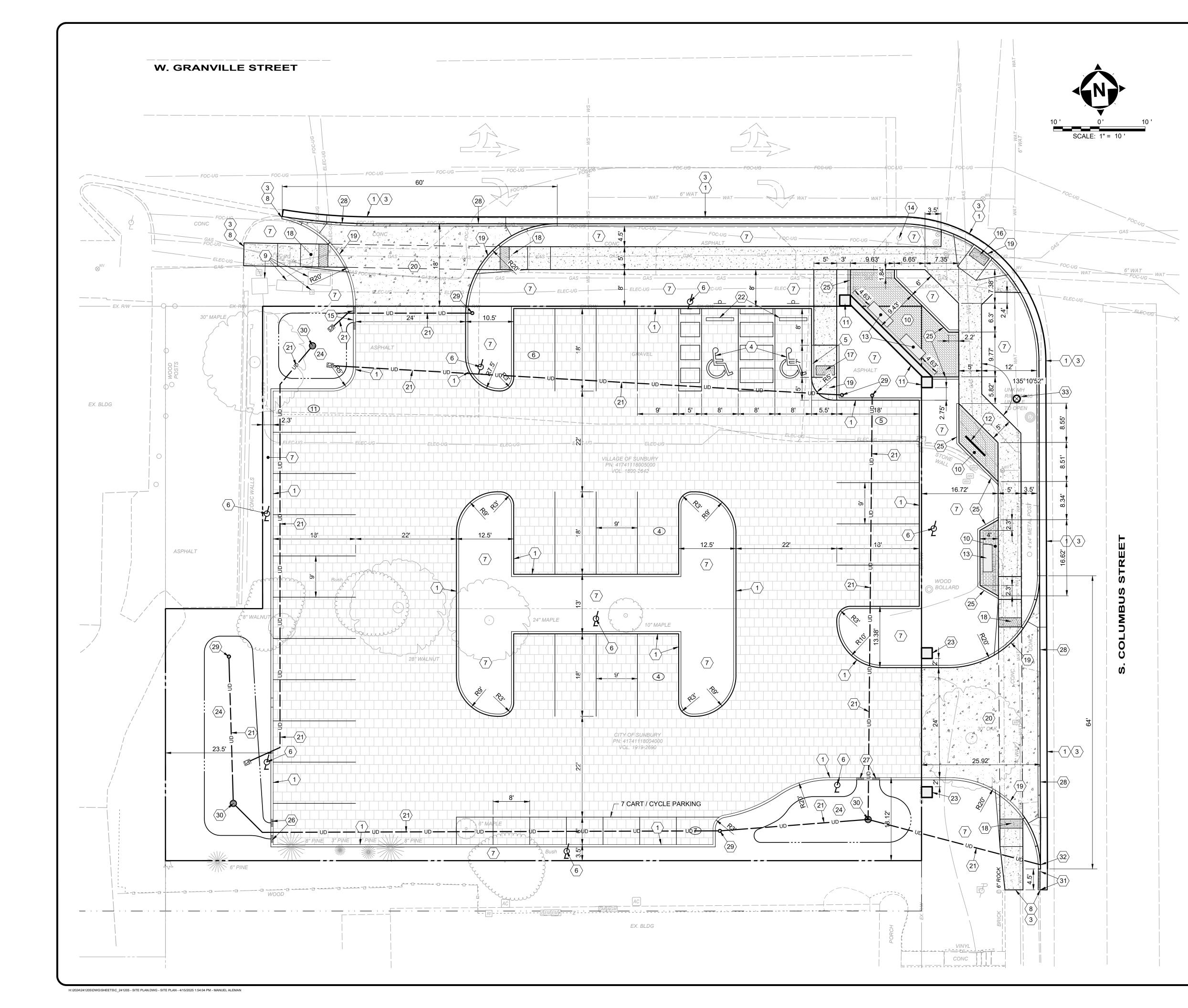
		BIDSET					
₹ 7		verdantas					
		DATE					
		REVISION					
		ON					
SURFACE MOUNT BENCH, SECURE WITH FOUR ZINC PLATED 1/2" DIA. X 6" LONG		BID SET	4/28/25	AS SHOWN	BKU	BKU	DWW
STAINLESS STEEL ANCHOR BOLTS PER MANUFACTURER'S SPECIFICATIONS — BENCH SUPPORT 12"		ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
BRICK PAVERS ON CONCRETE PAD		COLIMBIIS STREET PARKING LOT	JRY, DELAWARE COUNTY, OHI			CONSTRUCTION DETAILS - 4	
1-1/2 TIMES WIDTH AND DEPTH OF THE ROOT MASS			-		T NO. Ο7Ο)4	
ND PERENNIAL ING DETAIL NTS		С	С	IEET N		 ET4	
	-	SH	HEET 12			₀ 54	



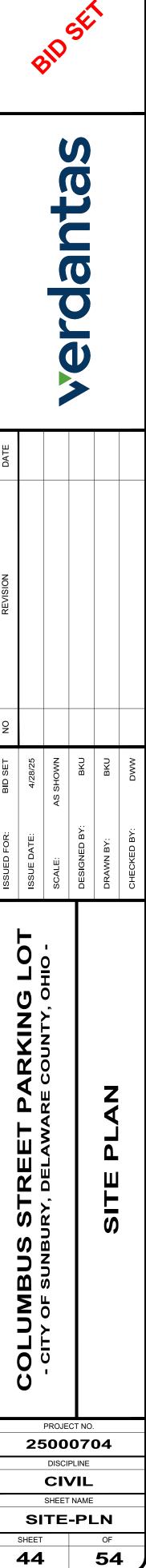
DEMOLITION NOTES: 1 SAWCUT AND REMOVE EX. CURB AND PAVEMENT 1 SAWCUT AND REMOVE EX. CURB AND PAVEMENT 2 EX. WATER METERS / VALVE TO BE REMOVED BY 2 EX. WATER METERS / VALVE TO BE REMOVED BY		4	310	st	\$	
 DEL-CO WATER EX. STREET LIGHTING POLE - DO NOT DISTURB EX. FIRE HYDRANT & VALVE - PROTECT, ADJUST TO GRADE AS NEEDED EX. STONE WALL TO BE REMOVED EX. WOOD BOLLARD TO BE REMOVED EX. WOOD BOLLARD TO BE REMOVED EX. METAL POST TO BE REMOVED EX. UTILITY MANHOLE - DO NOT DISTURB EX. GAS VALVE - ADJUST TO GRADE EX. UTILITY STRUCTURES - DO NOT DISTURB EX. GAS LINE - CAUTION! EX. FIBER OPTIC CABLE - CAUTION! EX. ELECTRIC, UG - CO BE REMOVED 	verdantas					
 (15) EX. WATER VALVE TO BE ABANDONED BY DEL-CO WATER (16) EX. STOP SIGN TO BE REMOVED & RELOCATED (17) EX. SITE LIGHT POLE - TO BE REMOVED 	DATE					
EX. CONCRETE TO BE REMOVED EX. ASPHALT TO BE REMOVED EX. ASPHALT TO BE REMOVED EX. GRAVEL TO BE REMOVED EX. CURB & GUTTER TO BE REMOVED EX. TREE TO BE REMOVED EX. TREE TO BE REMOVED STRIP & STOCKPILE EX. TOPSOIL	SSUED FOR: BID SET NO REVISION	ISSUE DATE: 4/28/25	SCALE: AS SHOWN	DESIGNED BY: BKU	DRAWN BY: BKU	CHECKED BY: DWW
NOTE: CONTRACTOR TO COORDINATE WITH DEL-CO WATER PRIOR TO START OF CONSTRUCTION.		H	- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -		X. CONDITIONS &	
		25	PROJE	070 Pline	04	
			SHEET	NAME		
		43			54	IJ

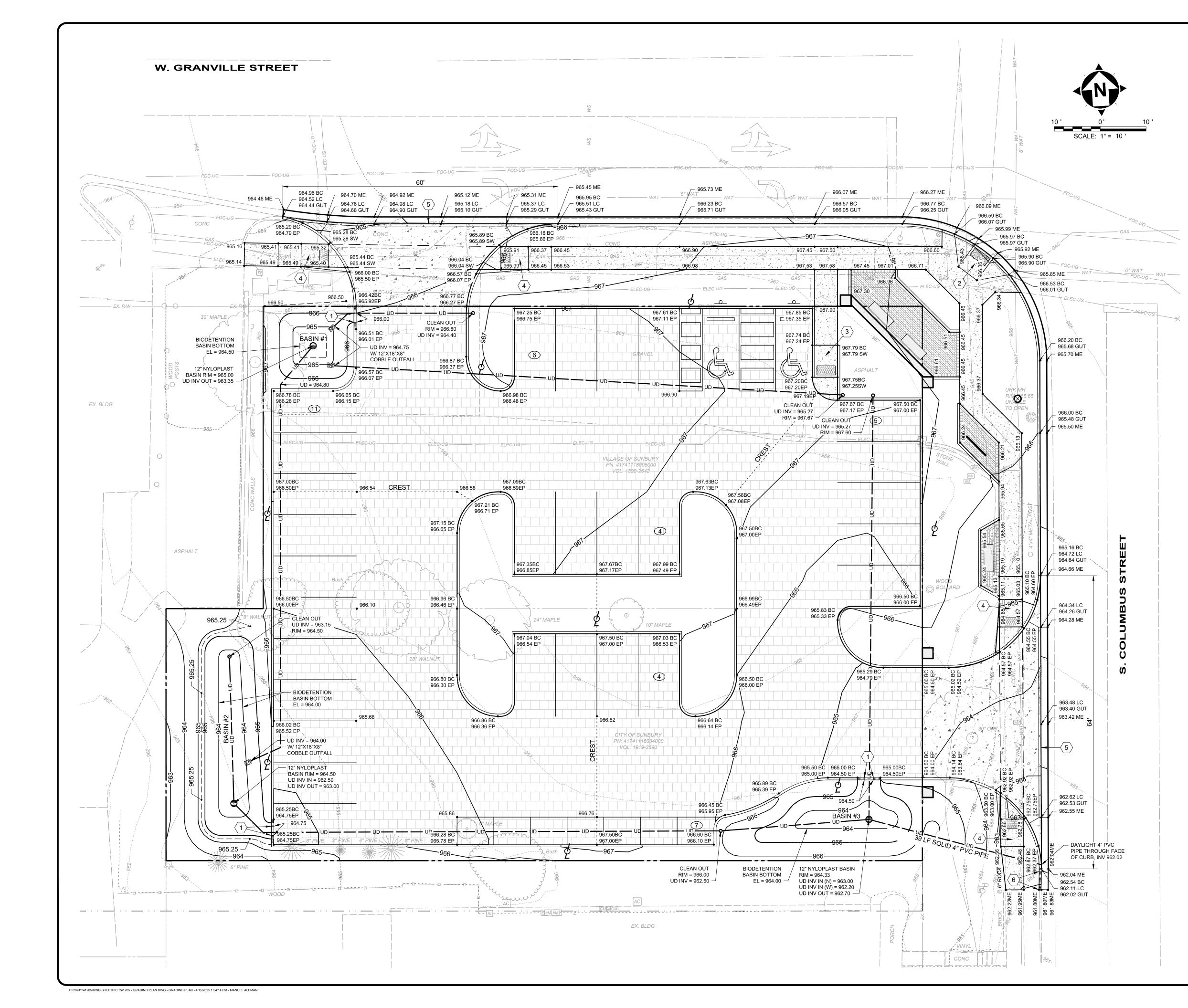


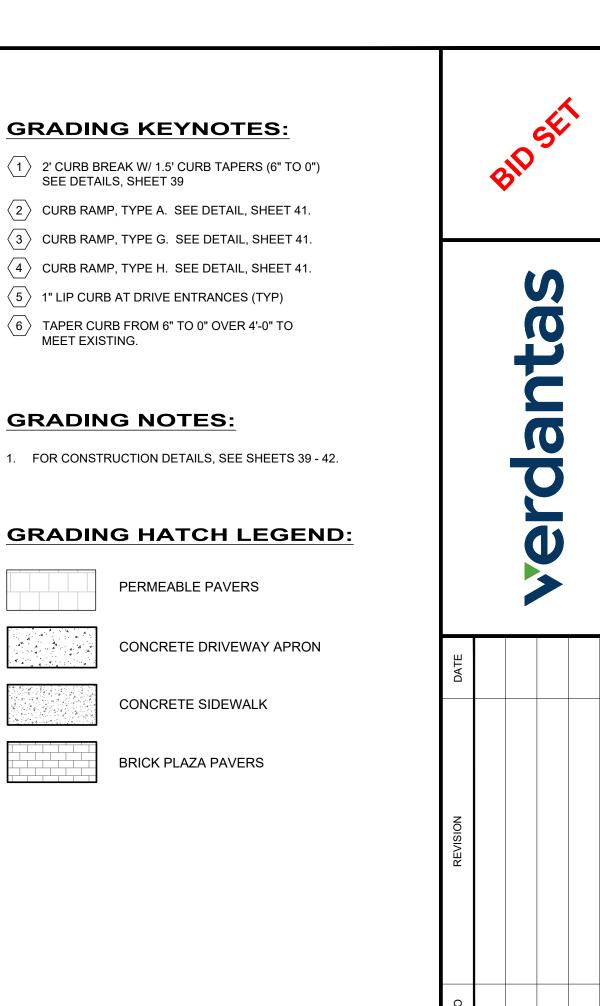
NOTE:



angle PR. CURB & GUTTER - SEE DETAIL, SHEET 40. angle 18" STRAIGHT CURB, CONCRETE - SEE DETAIL, SHEET 40.			-
SAW-CUT EX. PAVEMENT TO CREATE A CLEAN JOINT TO CONSTRUCT PR. PAVEMENT / CURB & GUTTER.			
 HANDICAP PAVEMENT SYMBOL, SIGNS, & STRIPING - SEE DETAIL, SHEET 39. 			L
angle TAPER CURB OVER 7' TO BE FLUSH WITH PAVEMENT /			Č
			j
\rangle LANDSCAPE AREA. PROVIDE MIN. 12" TOPSOIL AND GRASS. \rangle CONNECT TO EX. CONCRETE CURB AND / OR SIDEWALK.			
CONNECT TO EX. CONCRETE CURB AND / OR SIDEWALK.			
			7
BRICK PLAZA - SEE DETAILS, SHEET 39.			
BRICK COLUMN WITH WALL (3' HT.) TO MATCH CHERRY AND COLUMBUS ST. BRICK.			
BIKE RACK - SEE DETAIL, SHEET 41.			
BENCH - SEE DETAIL, SHEET 41.			
EX. LIGHT POLE - DO NOT DISTURB.		· ·	
2' CURB CUT W/ 1' TAPERS - SEE DETAIL, SHEET 39.	∖те		
CURB RAMP, TYPE A - SEE DETAIL, SHEET 41.	DAT		
CURB RAMP, TYPE G - SEE DETAIL SHEET 41.			
CURB RAMP, TYPE H - SEE DETAIL, SHEET 41.			
> LANDING, FLUSH WITH PAVEMENT.			
CONCRETE DRIVE APRON - SEE DETAIL, SHEET 40.	_		
4" UNDERDRAIN - SEE DETAIL, SHEET 41.	REVISION		
CONCRETE BUMPER BLOCKS	REV		
BRICK COLUMN 6' HT. TO MATCH CHERRY AND COLUMBUS ST. BRICK SEE DETAIL, SHEET 39 .			
BIODETENTION BASIN			
12" FLUSH CURB, CONCRETE - SEE DETAIL, SHEET 40.			
2' CURB CUT W/ 1.5' TAPERS - SEE DETAIL, SHEET 39.			
2' CURB CUT W/ 2' TAPERS - SEE DETAIL, SHEET 39.	ON		
PROVIDE 1" LIP CURB ALONG DRIVE ENTRANCE	SET	\$/25	٨N
> UNDERDRAIN CLEANOUT	BID S	4/28/25	NWOHS :
> 12" NYLOPLAST INLET BASIN			AS
TRANSITION CURB HEIGHT FROM 6" TO 0" OVER 4'-0" TO MATCH EXISTING	FOR:	DATE:	
4" UNDERDRAIN OUTLET IN CURB	SSUED F		Ţ.
> NEW 4" WATER VALVE TO BE INSTALLED BY DEL-CO WATER	ISSI	ISSUE	SCALE
ITE HATCH LEGEND:		┝━	
PERMEABLE PAVERS)
		ם ד ט ט)
CONCRETE DRIVEWAY APRON			
CONCRETE SIDEWALK		X X Z	
BRICK PLAZA PAVERS			
		Ш А́ Ш -	
ARKING COUNT:			י ר ר
ANDARD PARKING SPACES: 24		ST ST	
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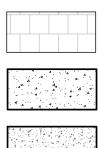
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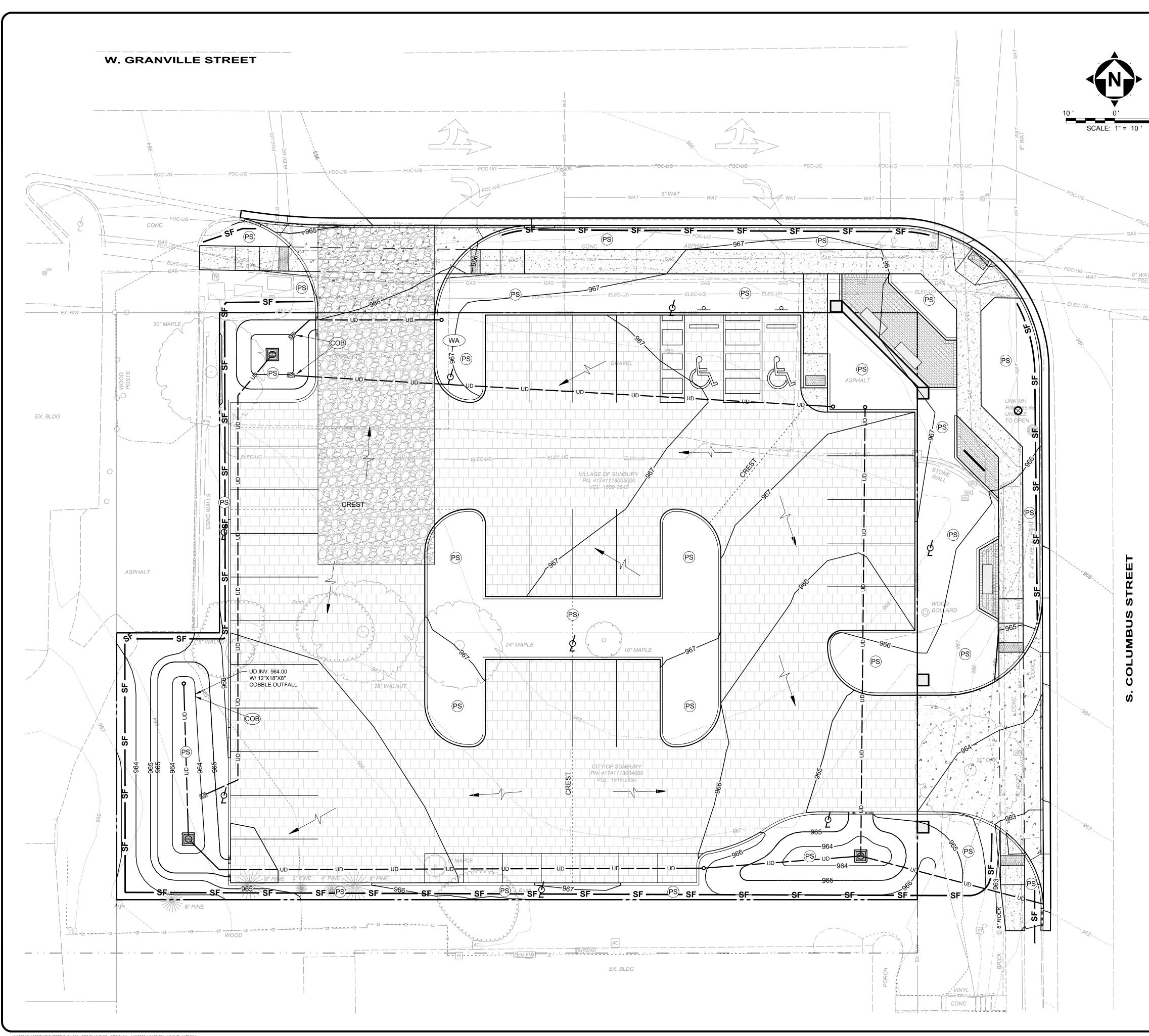
GRADING	KEYNO	TES

- (1) 2' CURB BREAK W/ 1.5' CURB TAPERS (6" TO 0")





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SEC LEGEND:

SF	PR. SILT FENCE
	INLET PROTECTION (SEE DETAIL)
	TEMP. CONSTRUCTION ENTRANCE
WA	CONCRETE WASHOUT LOCATION
COB	COBBLE OUTFALL
PS	PERMANENT SEEDING

C-UG

DC-UG WAT

ELEC-UG

SITE HATCH LEGEND:

PERMEABLE PAVERS
CONCRETE DRIVEWAY APRON
CONCRETE SIDEWALK
BRICK PLAZA PAVERS

	BIDSET						
	verdantas						
DATE							
REVISION							
L NO	10	7			,		
BID SET	4/28/25	AS SHOWN	BKU	BKU	DWW		
ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:		
COLUMBUS STREET PARKING LOT - CITY OF SUNBURY, DELAWARE COUNTY, OHIO - SEDIMENT & EROSION CONTROL PLAN							
	PROJECT NO. 25000704 DISCIPLINE						
CIVIL SHEET NAME SEC-PLN							
SHEET OF							

46 54

EROSION & SEDIMENT CONTROL NOTES:

- 1. THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED IN THIS PLAN SHALL BE INSTALLED SEVEN (7) DAYS PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING SILT FENCE. STRUCTURAL PRACTICES SHALL BE USED TO CONTROL EROSION FROM ALL AREAS REMAINING DISTURBED FOR MORE THAN FOURTEEN (14) DAYS.
- 2. THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORMWATER RUNOFF OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTE AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL, IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER OR SEPTIC SYSTEMS.
- 3. TEMPORARY CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A STATE THAT SHALL PREVENT TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. THIS WILL BE ACCOMPLISHED BY USE OF GRAVEL CONSTRUCTION ENTRANCES, AND THE REPAIR AND/OR CLEANOUT OF ANY DEVICES USED TO TRAP SEDIMENT. PUBLIC OR PRIVATE ROADWAYS SHALL BE CLEARED OF ACCUMULATED SEDIMENT DAILY OR ON AN AS NEEDED BASIS. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF LIKELY ORIGIN OR OTHER SUITABLE LOCATION.
- 4. ALL ONSITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION WITH FILTER FABRIC OR EQUIVALENT BARRIERS AS SHOWN ON THESE PLANS. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY REQUIRE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
- 5. THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED IN THE PLAN.
- 6. DURING THE PERIODS OF CONSTRUCTION ACTIVITY, ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, WITH THE OWNER. MAINTENANCE SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY, OHIO ENVIRONMENTAL PROTECTION AGENCY (EPA) GENERAL CONSTRUCTION PERMIT AND THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) RAINWATER AND LAND DEVELOPMENT CURRENT EDITION.
- 7. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE CITY OF SUNBURY, OHIO ENVIRONMENTAL PROTECTION AGENCY (EPA) GENERAL CONSTRUCTION PERMIT AND THE OHIO DEPARTMENT OF NATURAL RESOURCES (ODNR) RAINWATER AND LAND DEVELOPMENT CURRENT EDITION.
- 8. EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS POSSIBLE. ALL REASONABLE ATTEMPTS SHOULD BE MADE TO MINIMIZE THE TOTAL AREA OF DISTURBED LAND.
- 9. ALL EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED IN ACCORDANCE WITH THE CONDITIONS OF THE APPLICABLE NPDES PERMIT.
- 10. ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE REMOVED AND DISPOSED OF WITHIN THIRTY (30) DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
- 11. THIS PLAN MUST BE POSTED ON SITE. A COPY OF THE SWPPP PLAN AND THE APPROVED EPA STORMWATER PERMIT (WITH THE SITE-SPECIFIC NOI NUMBER) SHALL BE KEPT ON-SITE AT ALL TIMES.
- 12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION AND SEDIMENTATION RUNOFF FROM THE SITE ALONG WITH PROPER MAINTENANCE AND INSPECTION IN ACCORDANCE WITH THE NPDES GENERAL PERMIT FROM THE STORMWATER DISCHARGES ASSOCIATED WITH THE CONSTRUCTION ACTIVITY.
- 13. PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA, ALL EROSION CONTROL FEATURES SHALL BE IN PLACE. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE CITY OF SUNBURY, OHIO EPA AND THE DESIGNER/ENGINEER.
- 14. IT MAY BECOME NECESSARY TO REMOVE PORTIONS OF THE BARRIER (SILT FENCE, STRAW WATTLES) DURING CONSTRUCTION TO FACILITATE THE GRADING OPERATIONS IN A CERTAIN AREA. HOWEVER, THE BARRIER SHALL BE IN PLACE IN THE EVENING OR DURING ANY INCLEMENT WEATHER.
- 15. SEEDING HAS BEEN ASSUMED TO BE 4'-0" OUTSIDE THE GRADING LIMITS. ALL AREAS NOT DESIGNATED TO BE SEEDED SHALL REMAIN UNDER NATURAL GROUND COVER. THOSE AREAS DISTURBED OUTSIDE THE SEEDING LIMITS SHALL BE SEEDED AND MULCHED AT THE CONTRACTOR'S EXPENSE.
- THE USE OF STRAW WATTLES HAS BEEN PROVEN TO BE A VERSATILE AND EFFECTIVE EROSION AND SEDIMENT CONTROL BMP. STRAW WATTLES MAY BE SUBSTITUTED FOR SILT FENCE IN A LINEAR INSTALLATION. STRAW WATTLES MUST BE A MINIMUM OF 12 INCHES IN DIAMETER. COMPOST FILTER SOCK MAY BE SUBSTITUTED FOR SILT FENCE.
- 17. THE EROSION AND SEDIMENT PLAN SHALL INCORPORATE MEASURES WHICH CONTROL THE FLOW OF RUNOFF FROM DISTURBED AREAS SO AS TO PREVENT EROSION FROM OCCURRING. SUCH PRACTICES INCLUDE ROCK CHECK DAMS, PIPE SLOPE DRAINS, DIVERSIONS TO DIRECT FLOW AWAY FROM EXPOSED SOILS AND PROTECTIVE GRADING PRACTICES. THESE PRACTICES SHALL DIVERT RUNOFF AWAY FROM DISTURBED AREAS AND STEEP SLOPES WHERE PRACTICABLE.
- 18. ALL SEDIMENT CONTROL PRACTICES MUST BE CAPABLE OF PONDING RUNOFF IN ORDER TO BE CONSIDERED FUNCTIONAL. EARTH DIVERSION DIKES OR CHANNELS ALONE ARE NOT CONSIDERED A SEDIMENT CONTROL PRACTICE UNLESS THESE ARE USED IN CONJUNCTION WITH A SEDIMENT SETTLING POND.
- 19. SEDIMENT CONTROL STRUCTURES SHALL BE FUNCTIONAL THROUGHOUT THE COURSE OF EARTH DISTURBANCE ACTIVITIES. PERIMETER SEDIMENT BARRIERS SHALL BE IMPLEMENTED PRIOR TO GRADING AND WITHIN SEVEN (7) DAYS FROM THE START OF CONSTRUCTION ACTIVITIES. THEY SHALL CONTINUE TO BE FUNCTIONAL UNTIL THE UP SLOPE PROJECT AREA IS REESTABLISHED. AS CONSTRUCTION PROGRESSES AND THE TOPOGRAPHY IS ALTERED, APPROPRIATE CONTROLS MUST BE CONSTRUCTED OR EXISTING CONTROLS ALTERED TO ADDRESS THE CHANGING DRAINAGE PATTERNS.

- 20. SHEET FLOW RUNOFF FROM DENUDED AREAS SHALL BE INTERCEPTED BY PERIMETER FILTER FABRIC
- ONE OR MORE ACRES WILL REQUIRE A SEDIMENT SETTLING POND.
- APPLICABLE LAWS AND REGULATIONS.
- STRUCTURE AT NO ADDITIONAL COST TO THE OWNER.
- PLACED IN THE FIELD.
- CONTROLS AND LOG THE ACTUAL PLACEMENT RANGE AND DATE ON THE PLAN.
- TOTAL AMOUNT OF AREA DISTURBED AT ONE TIME.
- CONSTRUCTION ACTIVITIES.
- LIABLE FOR THE VIOLATION AND SUBSEQUENT FINES.

THE PUBLIC AGENCY AND/OR PRIVATE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT THE INLET PROTECTION IS ADEQUATE. THE MOST STRINGENT PROJECT PLANS, NOTES AND/OR DRAWINGS INCLUDE STORMWATER POLLUTION PREVENTION PLAN (SWP3) OR SPILL PREVENTION/REMEDIATION PLAN SHALL APPLY TO ALL PAVEMENT CUTTING, SAWING OR EXCAVATION OPERATIONS.

- REPAIR OR CLEAN OUT SEDIMENT PONDS WITHIN FIVE (5) DAYS OF INSPECTION.
- MANUAL REMOVAL OF DIRT OR MUD IN THE STREET GUTTERS.
- TABLE 2 THIS SHEET
- APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.

EROSION & SEDIMENT CONTROL NARRATIVE:

OWNER/SITE CONTACT:

PLAN DESIGNER:

FENCE TO PROTECT ADJACENT PROPERTIES AND WATER RESOURCES FROM SEDIMENT TRANSPORTED VIA SHEET FLOW. WHERE INTENDED TO PROVIDE SEDIMENT CONTROL, PERIMETER FILTER FABRIC FENCE SHALL BE PLACED ON A LEVEL CONTOUR DOWNSLOPE OF THE DISTURBED AREA.

21. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL MINIMIZE SEDIMENT LADEN WATER FROM ENTERING ACTIVE STORM DRAIN SYSTEMS. ALL INLETS RECEIVING RUNOFF FROM DRAINAGE AREAS OF

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

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

24. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE SEDIMENT CONTROL FEATURES USED ON THIS PROJECT, THE SITE SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT GREATER THAN ONE-HALF (0.50) INCH OF RAIN PER TWENTY-FOUR (24) HOUR PERIOD. THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE ENTIRE SITE IS TEMPORARY STABILIZED OR RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS (SNOW, ICE OR FROZEN GROUNDS). RECORDS OF THESE INSPECTIONS SHALL BE KEPT ON SITE AND MADE AVAILABLE TO JURISDICTIONAL AGENCIES IF REQUESTED. ANY SEDIMENT OR DEBRIS WHICH HAS REDUCED THE EFFICIENCY OF A STRUCTURE SHALL BE REMOVED IMMEDIATELY. SHOULD A STRUCTURE OR FEATURE BECOME DAMAGED, THE CONTRACTOR SHALL REPAIR OR REPLACE THE

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

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

27. THE SEDIMENT AND EROSION CONTROL PLAN AS HEREIN DELINEATED IS SUBJECT TO ADJUSTMENT TO ENSURE EROSION CONTROL MEASURES ARE PROPERLY COORDINATED WITH SUCCESSIVE CONSTRUCTION STAGES. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO MINIMIZE THE

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

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

30. DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS. THE CONTRACTOR WILL BE HELD

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

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

33. STREET CLEANING (ON AN AS-NEEDED BASIS) IS REQUIRED THROUGH DURATION OF THIS CONSTRUCTION PROJECT. THIS INCLUDES SWEEPING, POWER CLEANING, AND (IF NECESSARY)

34. TEMPORARY SEEDING: PER ODOT ITEM 832 CONSTRUCTION SEEDING AND MULCHING. SEE

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

36. ANY EXISTING STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE

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

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

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

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

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

DISTURBED ACREAGE: 0.43± ACRES

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

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

SEQUENCE OF CONSTRUCTION:

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

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

RESTORATION / SEDIMENTATION & EROSION CONTROL:

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

ANY AI ONE Y ANY AF WATER OTHER

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

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

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	COLUMBUS STREET PARKING LOT ISU COLUMBUS STREET PARKING LOT ISU - CITY OF SUNBURY, DELAWARE COUNTY, OHIO - ISU - CITY OF SUNBURY, DELAWARE COUNTY, OHIO - ISU SEDIMENT & EROSION CONTROL DEN NOTES & DETAILS - 1 DEN					
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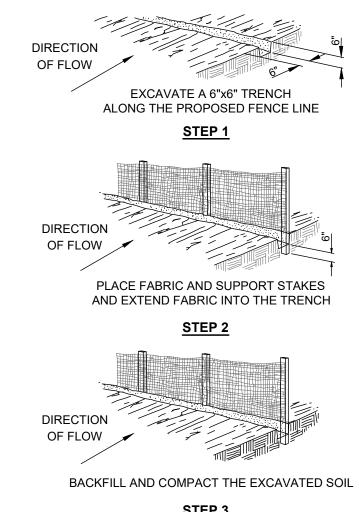
PERMANENT SEEDING	FERTILIZATI	ON AN	D MOWING CHA	RT
MIXTURE	FORMULA	LB/ AC.	TIME	MOW
CREEPING RED FESCUE DOMESTIC RYEGRASS KENTUCKY BLUEGRASS	10-10-10	500	FALL, YEARLY, OR AS NEEDED	<u>></u> 3"
TALL FESCUE	10-10-10	500		
TURF-TYPE FESCUE	10-10-10	500		<u>></u> 4"
FLAT PEA FESCUE	0-20-20	400	SPRING, AND YEARLY AFTER ESTABLISHED	DO NOT MOW

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

PERMANENT SEEDING TABLES

NOTES:

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



<u>STEP 3</u>

PERIMETER FILTER FABRIC FENCE

MATERIALS:

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

CONSTRUCTION:

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

PAYMENT:

ITEM SPECIAL - EROSION & SEDIMENT CONTROL.

MAINTENANCE:

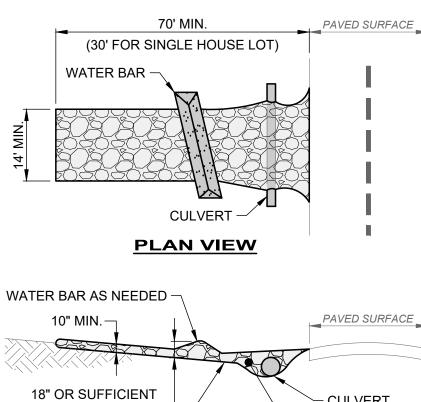
IF RUNOFF OVERTOPS THE FENCE, FLOWS UNDER THE FABRIC, AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLOWS CONCENTRATED FLOW TO DISCHARGE, ONE OF THE FOLLOWING MUST BE PREFORMED:

- 1. THE LAYOUT OF THE FENCE SHALL BE CHANGED 2. SEDIMENT SHALL BE REMOVED
- 3. ANOTHER BMP SHALL BE INSTALLED

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

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

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





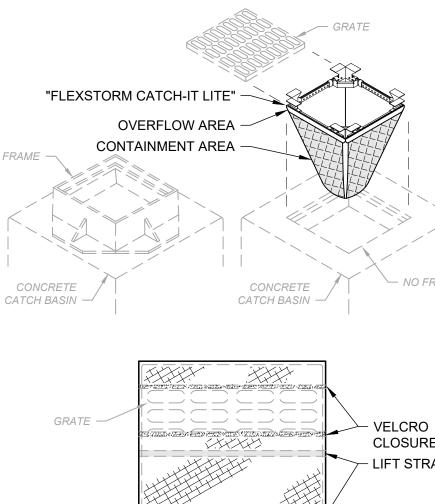
NOTES:

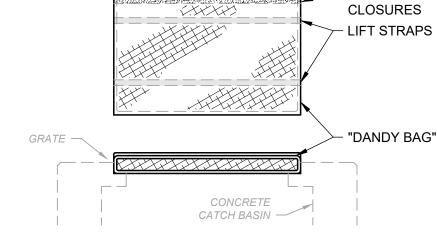
1. GEOTEXTILE SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS MEETING THE FOLLOWING:

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.

- 2. INSTALL WATER BAR, AS NEEDED, TO PREVENT SURFACE RUNOFF FROM FLOWING OUT ONTO PAVEMENT.
- 3. APPLY ADDITIONAL STONE AS CONDITIONS DEMAND, REPLENISH STONE WHEN THE DEPTH IS LESS THAN 6", AND REPLACE IF STONES BECOMES MUD-LADEN.
- 4. IMMEDIATELY REMOVE MUD DROPPED, WASHED OR TRACKED ONTO ROADS OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS BY SCRAPING OR SWEEPING.
- 5. 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.
- 6. CONSTRUCTION ENTRANCE SHALL REMAIN UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY.

CONSTRUCTION ENTRANCE DETAIL NTS





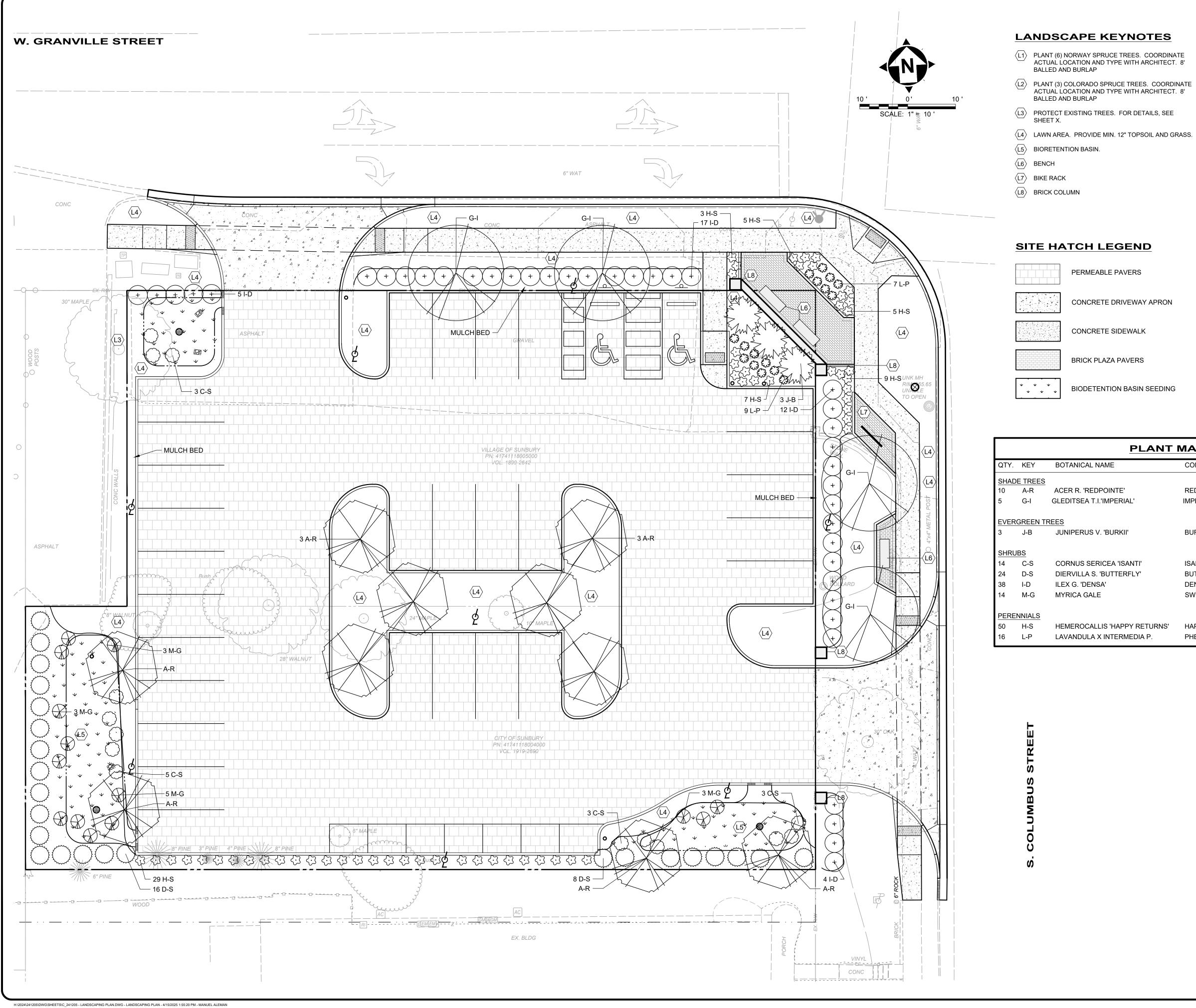
NOTES:

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

INLET PROTECTION DETAIL NTS

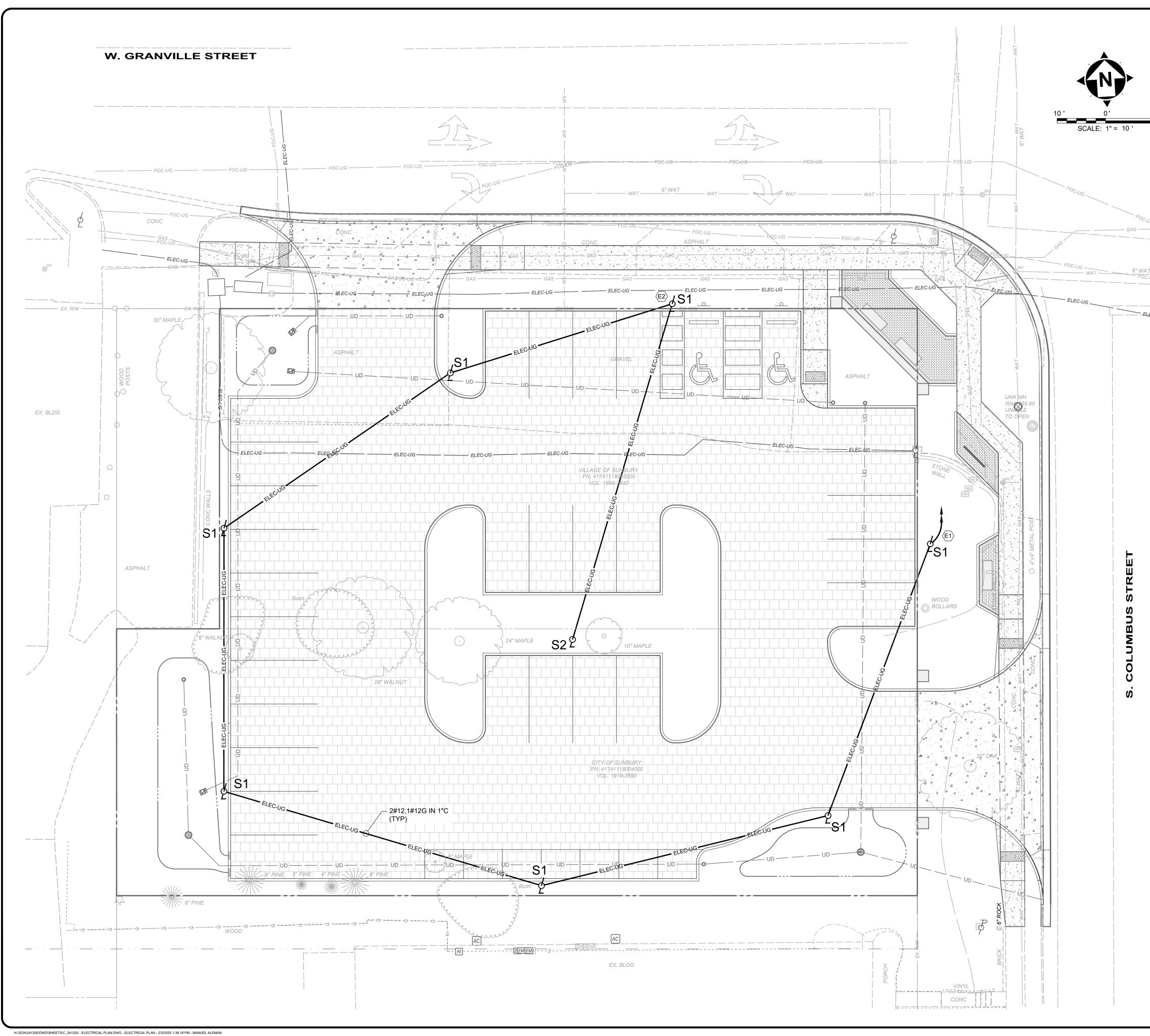
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	NOTES & DETAILS - 2	CHECKED BY:	DWW			

– NO FRAME



PLANT	MATERIAL LIST		
	COMMON NAME	SIZE	NOTES
,	REDPOINTE MAPLE	2" CAL.	B&B
IAL'	IMPERIAL HONEYLOCUST	2" CAL.	B&B
11'	BURK JUNIPER	6' HT	B&B
SANTI'	ISANTI DOGWOOD	24"	#5 CONT.
RFLY'	BUTTERFLY S. BUSH HONEYSUCKLE	18"	#3 CONT.
	DENSA COMPACT INKBERRY	18"	#3 CONT.
	SWEETGALE	24"	#5 CONT.
PY RETURNS'	HAPPY RETURNS DAYLILY	CLUMP	#2 CONT.
MEDIA P.	PHENOMENAL LAVENDER	CLUMP	#2 CONT.

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		COLUMBUS STREET PARKING LOT	- CILY OF SUNBURY, DELAWARE COUNLY, OHIO -		ELECTRICAL PLAN		
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ELEC-PLN

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ELECTRICAL KEYNOTES

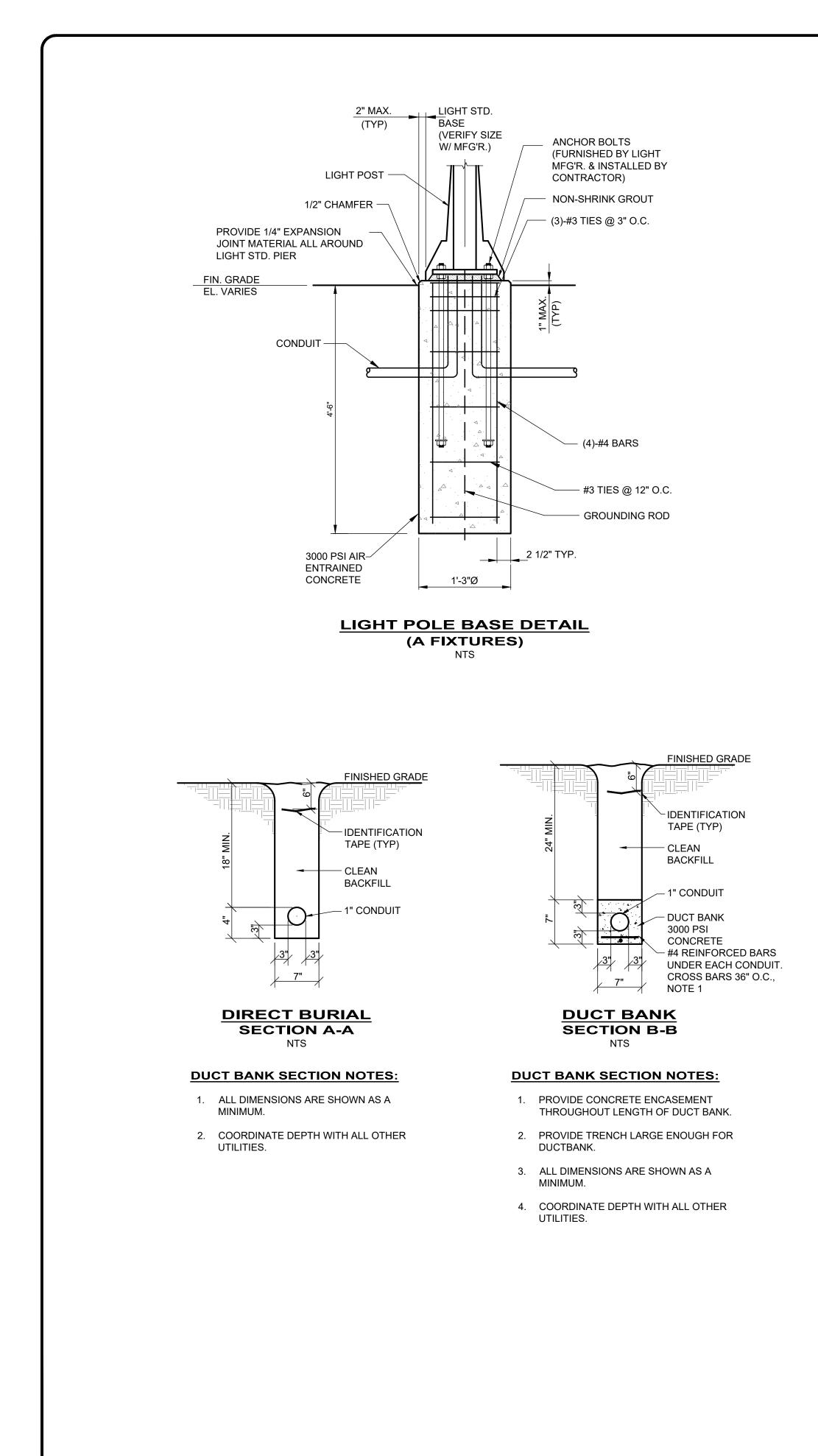
- E1 EXTEND LIGHTING / CONTROLS CIRCUITS TO EXISTING ROADWAY LIGHTING. COORDINATE EXACT LOCATION AND CONTROL SYSTEM WITH OWNER.
- E2 COORDINATE INSTALLATION OF NEW LIGHT POLE BASE WITH NEW FENCE AND EXISTING UNDERGROUND ELECTRICAL DUCTBANK PRIOR TO INSTALLATION.

ELECTRICAL GENERAL NOTES:

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

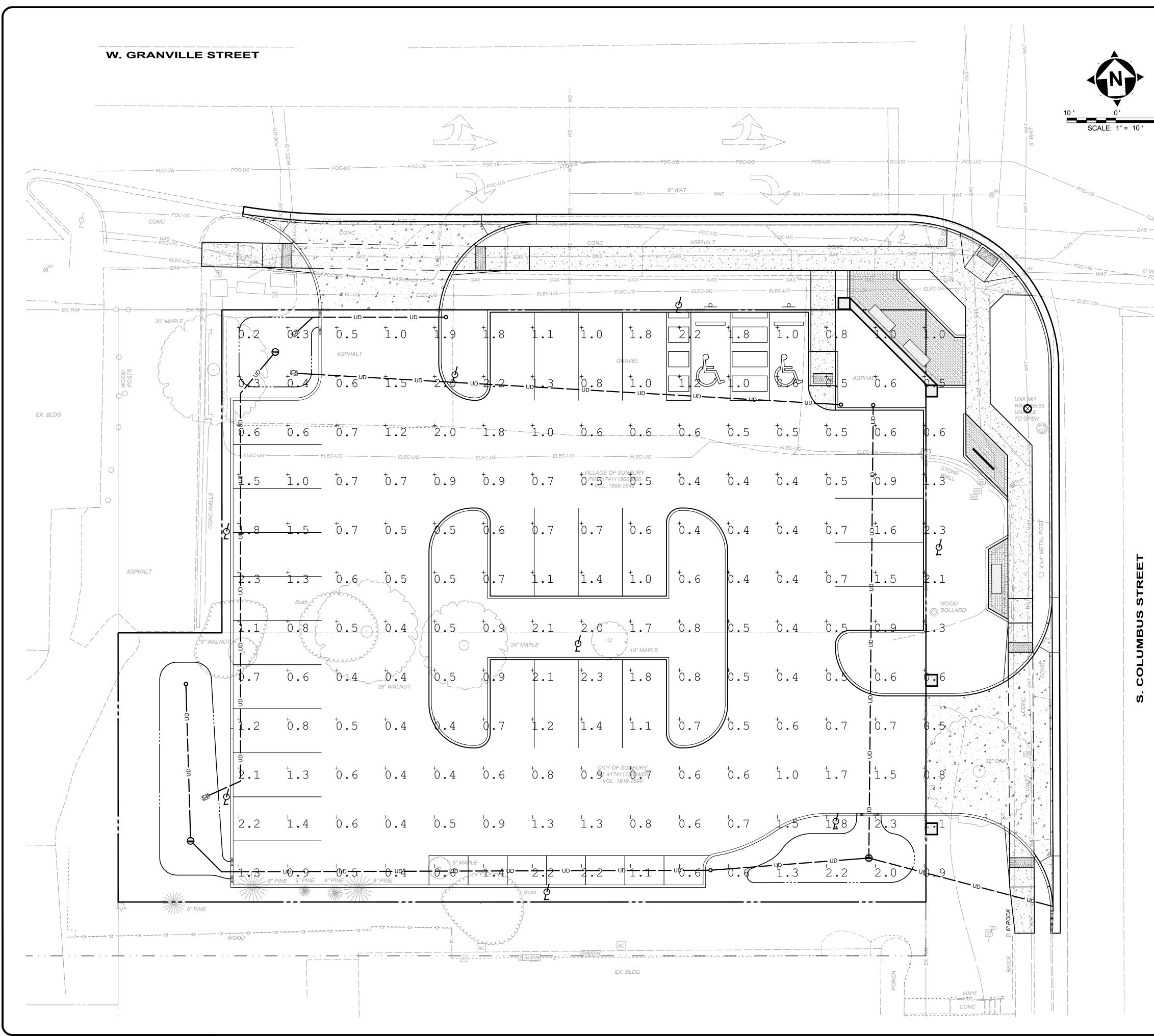
C-UG

DC-UG WAT



				SI	ГЕ	LIG	ЭНТI		FURE SC	HEDULE		
тург		MOUNTING		FIXTURES			MTHOT	LUN	IINAIRE	POL	E	
TYPE	DESCRIPTION	MOUNTING	#	TYPE	W.	VOLTS	MT HGT	MANUFACTURER	MODEL NO.	MANUFACTURER	MODEL NO.	REMARKS
S1	AREA	POST TOP	1	LED	40	240	14'-0"	MAIN STREET LIGHTING	L200 LUMINAIRE – LUMECON 40W LED – 3000K COLOR TEMP – TYPE IV DISTRIBUTION – 240V – BLACK – W/ HOUSE SIDE SHIELD	MAIN STREET LIGHTING	AA114 LANCASTER II SERIES – 14' HEIGHT OPTION W/ CAST ALUMINUM LANCASTER SERIES BASE – SMOOTH/TAPERED ALUMINUM SHAFT W/ GROUND LUG PROVISION - BLACK	-
S2	AREA	POST TOP	1	LED	40	240	14'-0"	MAIN STREET LIGHTING	L200 LUMINAIRE – LUMECON 40W LED – 3000K COLOR TEMP – TYPE IV DISTRIBUTION – 240V – BLACK	MAIN STREET LIGHTING	AA114 LANCASTER II SERIES – 14' HEIGHT OPTION W/ CAST ALUMINUM LANCASTER SERIES BASE – SMOOTH/TAPERED ALUMINUM SHAFT W/ GROUND LUG PROVISION - BLACK	-

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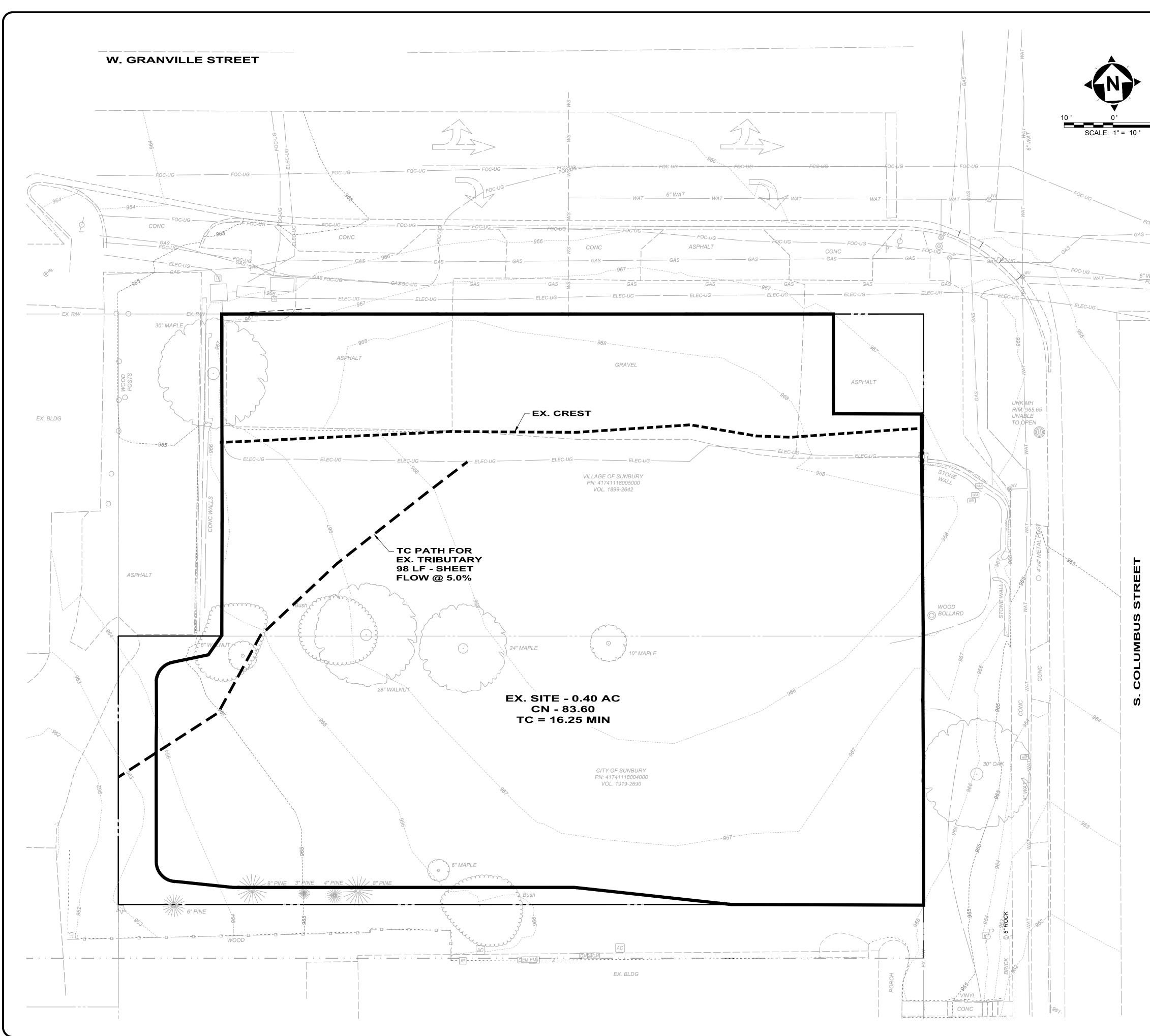
ELECTRICAL KEYNOTES: (E1) INSTALL CONDUITS FOR ELECTRIC POWER SERVICE. SEE ELECTRICAL AND TECHNOLOGY PLANS FOR ACTUAL SIZES, LOCATION & DETAILS.		4	310	St		
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		COLUMBUS STREET PARKING LOT	- CITY OF SUNBURY, DELAWARE COUNTY, OHIO -		LIGHTING CALCULATION PLAN	
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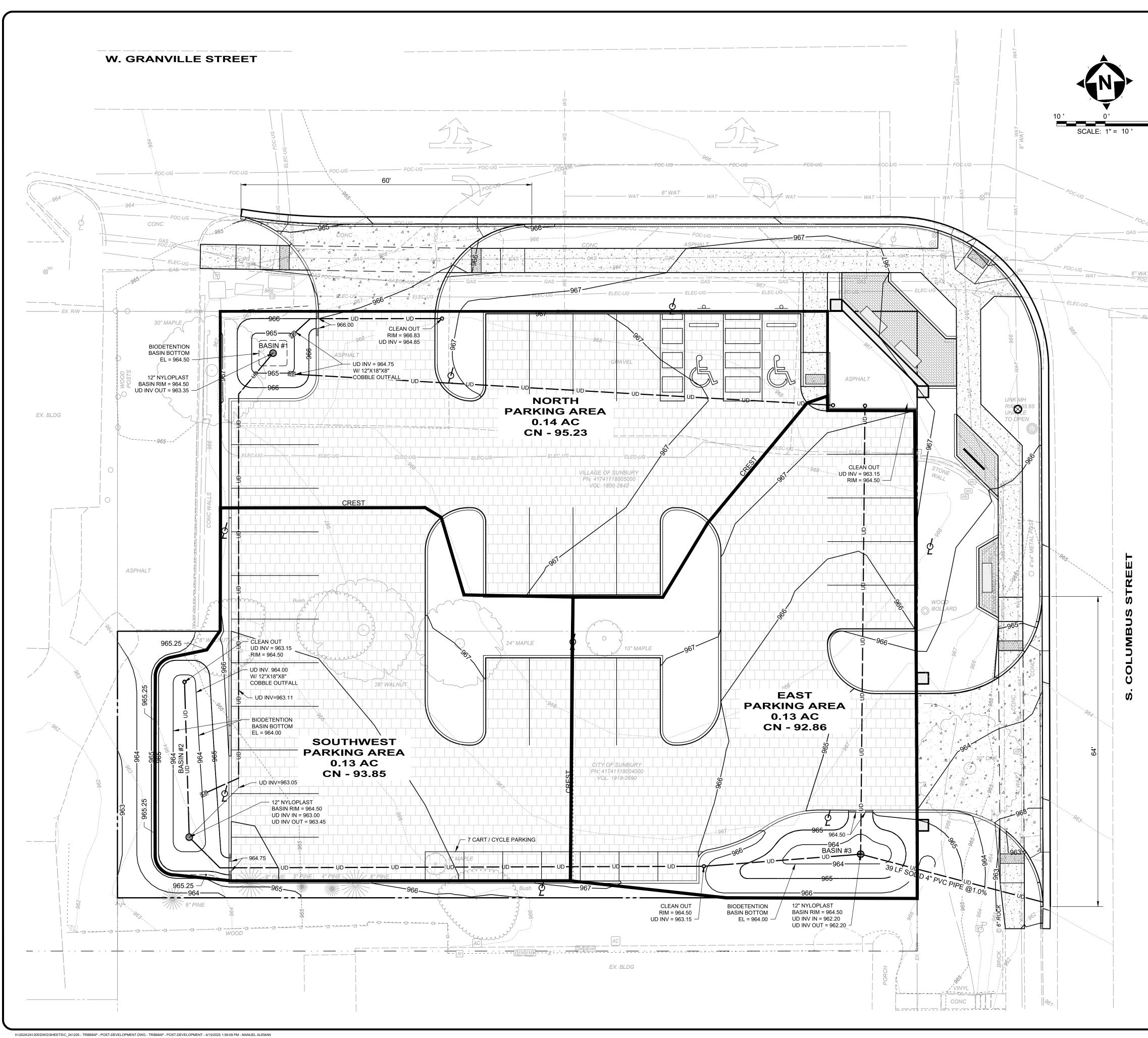
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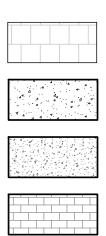
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GRADING HATCH LEGEND:



PERMEABLE PAVERS

CONCRETE DRIVEWAY APRON

CONCRETE SIDEWALK

BRICK PLAZA PAVERS

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