

CITY OF GAHANNA, OHIO DRAINAGE IMPROVEMENTS FOR EAST JOHNSTOWN RD 2021 ST-1078

FLOOD NOTE:

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAP NUMBER 39049C0213K, WITH AN EFFECTIVE DATE OF 6/17/2008, THE SUBJECT TRACT LIES WITHIN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN).

BENCHMARKS

BASED ON NAVD 1988 DATUM

Source - GPS OBSERVATIONS

Site BM 1 - MAG NAIL NORTH SIDE OF THE 4TH POWER POLE EAST OF US 62 (E JOHNSTOWN RD), LOCATED TO THE NORTH OF LARRY LANE.

ELEVATION=813.76 (NAVD88)

Site BM 2 - "X" CUT NORTH BOLT IN FIRE HYDRANT ON THE EAST SIDE OF US 62 (E JOHNSTOWN RD), APPROXIMATELY 100' SOUTH OF LARRY LANE.

ELEVATION=816.14 (NAVD88)

Site BM 3 - "X" CUT SOUTHEAST BOLT IN FIRE HYDRANT ON THE EAST SIDE OF US 62 (E JOHNSTOWN RD) IN FRONT OF 510 JOHNSTOWN RD.

ELEVATION=818.02 (NAVD88)

HORIZONTAL CONTROL POINTS

BASED ON NAD83 (2011) OHIO STATE PLANE COORDINATE SYSTEM, SOUTH ZONE

Source - GPS OBSERVATIONS

CP 1000 - REBAR PIN SET #1000, LOCATED ALONG E JOHNSTOWN RD STATION 45+09, OFFSET APPROXIMATELY 20' EAST OF THE CENTERLINE. SHOWN IN INDEX MAP AS CP #1000.

NORTHING = 740059.093 (NAD83)
EASTING = 1864637.727 (NAD83)

CP 1001 - REBAR PIN SET #1001, LOCATED ALONG E JOHNSTOWN RD STATION 42+15, OFFSET APPROXIMATELY 20' EAST OF THE CENTERLINE. SHOWN IN INDEX MAP AS CP #1001.

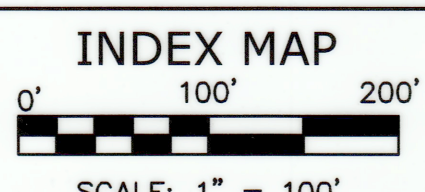
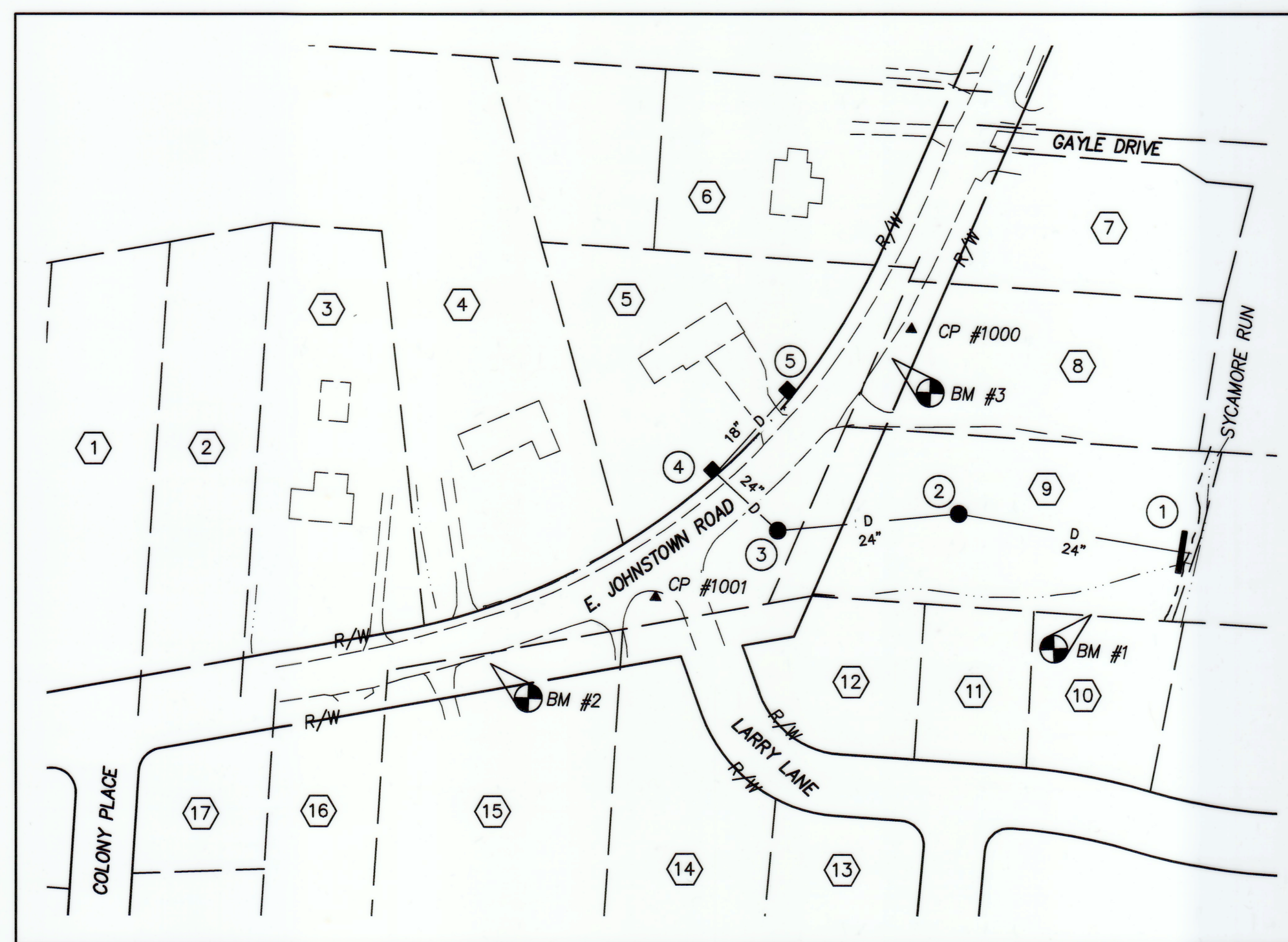
NORTHING = 739841.676 (NAD83)
EASTING = 1864429.298 (NAD83)

STANDARD DRAWINGS

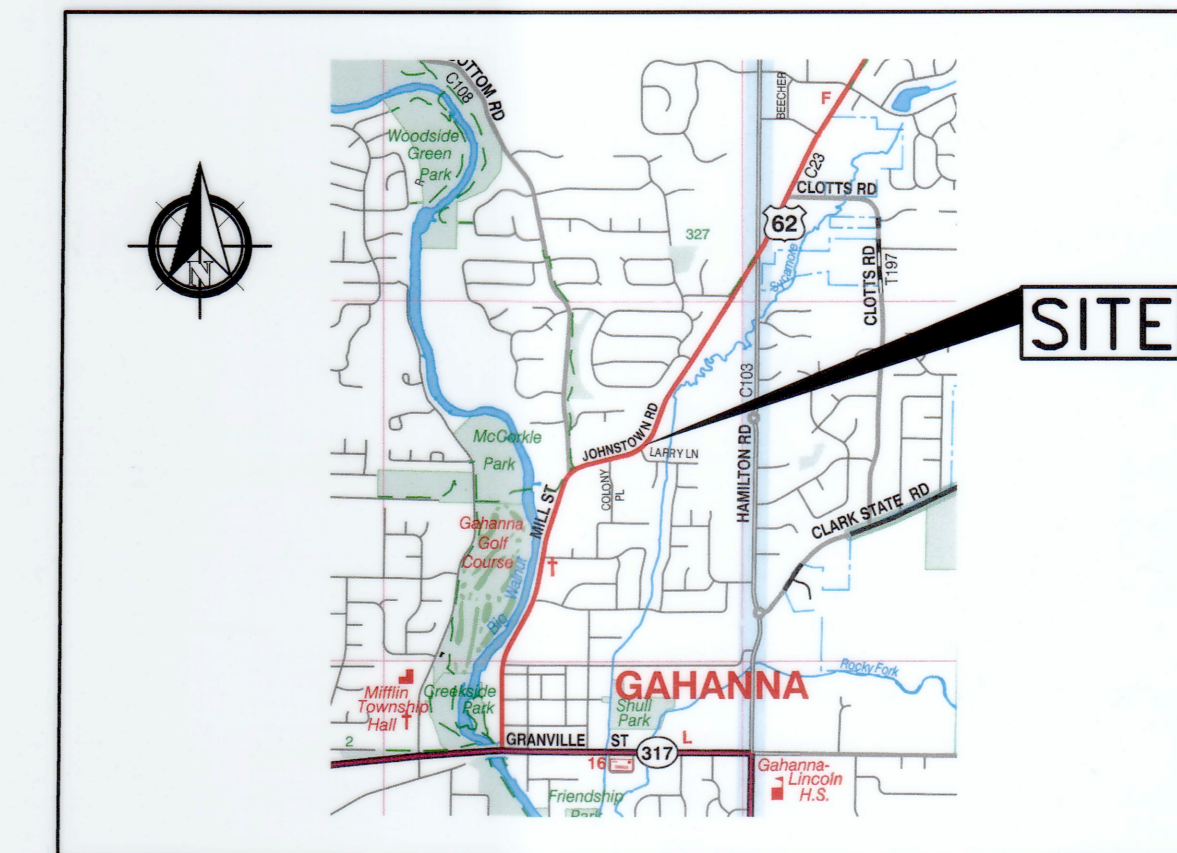
THE FOLLOWING STANDARD DRAWINGS SHALL BE CONSIDERED A PART OF THESE PLANS:

CITY OF COLUMBUS

AA-S102	AA-S106	AA-S107	1500
AA-S112	AA-S113	AA-S117	1550
AA-S119	AA-S133B	AA-S134A	
AA-S139	AA-S149	AA-S151	L-7102C
AA-S168			L-7401
			L-9901



PROPERTY INFORMATION TABLE			
PARCEL	PARCEL I.D. NO.	ADDRESS / OWNER	AC.
1	025-001974	481 E JOHNSTOWN RD / NATHAN BIROSCHAK & MARGARET BIROSCHAK	.838
2	025-002017	485 E JOHNSTOWN RD / COREY F. FERGUSON & ANDREA L. FERGUSON	.729
3	025-001978	489 E JOHNSTOWN RD / CALVIN F. HAMRICK & DARLENE E. WATTS TR.	1.000
4	025-002021	493 E JOHNSTOWN RD / DANIEL A. WATTS & DARLENE E. WATTS	.838
5	025-001981	519 E JOHNSTOWN RD / AMANDA SAREE OCHS & WESLEY J. MUELLER	.850
6	025-001971	521 E JOHNSTOWN RD / BARBARA J LANDRUM	.800
7	025-004211	522 E JOHNSTOWN RD / DONALD E. SPIRES & JUDY A. SPIRES	.602
8	025-001998	510 E JOHNSTOWN RD / DAVID R. SROUFE	.775
9	025-001996	496 E JOHNSTOWN RD / CITY OF GAHANNA	.982
10	025-003633	280 LARRY LN / INES D. ZELKOFF	.350
11	025-003632	270 LARRY LN / JERRY A. LOOMIS & LELA A. LOOMIS	.250
12	025-003631	260 LARRY LN / JEANNINE F. LEE	.332
13	025-006176	261 LARRY LN / PAUL J. SCHOO & ANNE M. SCHOO	.253
14	025-001939	492 E JOHNSTOWN RD / JOSHUA M. CALL & STEPHANIE A. MINER	.767
15	025-001930	488 E JOHNSTOWN RD / KRISTIN M. STEVENS	4.598
16	025-001914	484 E JOHNSTOWN RD / CRK COMPANY LLC	.508
17	025-004577	472 COLONY PL / ANTHONY BARTRAM & LINDSAY BARTRAM	.263



LOCATION MAP
NO SCALE

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2019 SPECIFICATIONS

THE CURRENT CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMSC) TOGETHER WITH THE REQUIREMENTS OF THE CITY OF GAHANNA, OHIO, SHALL GOVERN MATERIALS AND WORKMANSHIP INVOLVED IN IMPROVEMENTS SHOWN ON THE PLANS, EXCEPT THOSE SPECIFICATIONS MODIFIED BY THE FOLLOWING SPECIFICATIONS OR CONSTRUCTION DETAILS SET FORTH HEREIN.

PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF STORM SEWER AND DITCH IMPROVEMENTS ALONG THE WEST SIDE OF EAST JOHNSTOWN ROAD BETWEEN COLONY PLACE AND GAYLE DRIVE.

CITY OF GAHANNA APPROVALS

SIGNATURES BELOW SIGNIFY ONLY GENERAL CONCURRENCE WITH THE GENERAL PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

[Signature] 2/25/2022
CITY ENGINEER, CITY OF GAHANNA DATE

[Signature] 2/25/2022
WATER RESOURCES ENGINEER, CITY OF GAHANNA DATE

[Signature] 2/25/2022
DIRECTOR OF FINANCE, CITY OF GAHANNA DATE

[Signature] 2/25/2022
DIRECTOR OF PUBLIC SERVICE AND ENGINEERING, CITY OF GAHANNA DATE

[Signature] 2/25/2022
MAYOR, CITY OF GAHANNA DATE



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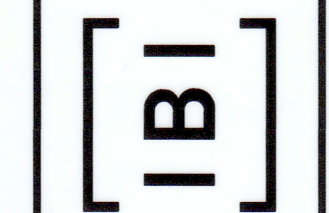


REVISIONS:
MARK: DATE: DESCRIPTION:



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
TITLE SHEET

DEFINING THE CITIES
OF TOMORROW
8101 North High Street, Suite 100
Columbus, OH 43235
614-818-4900
www.ibigroup.com



DATE:
DECEMBER 6, 2021

SCALE:

IBI GROUP NO.:
133246

SHEET NO.:

GENERAL NOTES

THE CURRENT CITY OF COLUMBUS CONSTRUCTION AND MATERIAL SPECIFICATIONS (CMS) TOGETHER WITH THE REQUIREMENTS OF THE CITY OF GAHANNA, OHIO, SHALL GOVERN MATERIALS AND WORKMANSHIP INVOLVED IN IMPROVEMENTS SHOWN ON THESE PLANS, EXCEPT THOSE SPECIFICATIONS MODIFIED BY THE FOLLOWING SPECIFICATIONS OR CONSTRUCTION DETAILS SET FORTH HEREIN.

ALL WORK IS TO BE ACCEPTABLE TO CITY OF GAHANNA OFFICIALS. NO WORK IS TO COMMENCE UNTIL ARRANGEMENTS HAVE BEEN MADE WITH THE CITY OF GAHANNA ENGINEER FOR INSPECTION.

THE CONTRACTOR SHALL NOTIFY THE CITY OF GAHANNA ENGINEER AT LEAST TWO WORKING DAYS PRIOR TO CONSTRUCTION.

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

THE CONTRACTOR IS TO SCHEDULE A PRE-CONSTRUCTION MEETING ONE BUSINESS WEEK PRIOR TO CONSTRUCTION. THE MEETING SHALL TAKE PLACE AT LEAST ONE BUSINESS WEEK PRIOR TO THE FOLLOWING: SITE CLEARING, MATERIAL DELIVERED ON-SITE, EQUIPMENT ON-SITE AND FIELD OFFICE ON-SITE.

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. THE CONTRACTOR SHALL EXERCISE PRECAUTION ALWAYS FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. IT SHALL ALSO BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, INCLUDING THE REQUIREMENTS FOR CONFINED SPACES PER 29 CFR 1910.146.

THE PRICE(S) QUOTED SHALL INCLUDE ALL ITEMS OF LABOR, MATERIALS, TOOLS, EQUIPMENT, INSURANCE AND OTHER COSTS NECESSARY TO FULLY COMPLETE THE WORK PURSUANT TO THE CONTRACT DOCUMENTS. IT IS THE INTENTION OF THE CONTRACT DOCUMENTS TO PROVIDE AND REQUIRE A COMPLETED WORK PROJECT READY FOR OPERATION. ANY WORK ITEMS OMITTED FROM SUCH CONTRACT DOCUMENTS WHICH ARE CLEARLY NECESSARY FOR THE COMPLETION OF SUCH WORK AND ITS APPURTENANCES SHALL BE CONSIDERED A PART OF SUCH WORK ALTHOUGH NOT DIRECTLY SPECIFIED OR CALLED FOR IN THE CONTRACT DOCUMENTS.

ALL FIELD TILE BROKEN DURING EXCAVATION SHALL BE REPLACED WITH PERFORATED PIPE OR CONNECTED TO THE STORM SEWER SYSTEM. THE COST FOR THIS WORK SHALL BE INCLUDED IN PRICE BID FOR THE VARIOUS RELATED ITEMS.

NO NATURAL DRAINAGE COURSES SHALL BE ALTERED AND NO FILL, MATERIALS OR STRUCTURES SHALL BE PLACED IN IT UNLESS PROVISIONS ARE MADE FOR THE FLOW OF WATER IN A MANNER SATISFACTORY TO THE CITY ENGINEER. AN EASEMENT SHALL BE PROVIDED ON BOTH SIDES OF ANY EXISTING IMPORTANT SURFACE DRAINAGE COURSE ADEQUATE FOR THE PURPOSE OF PROTECTING, WIDENING, DEEPENING, ENCLOSING OR OTHERWISE IMPROVING SUCH STREAM FOR DRAINAGE PURPOSES.

DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND PROPER SOIL EROSION CONTROL MEASURES FOR PROTECTION OF ALL ADJACENT ROADS AND LANDS.

THE CONTRACTOR SHALL REPAIR OR REPLACE ANY OR ALL EXISTING SIGNS, SHRUBS, FENCES, OR OTHER PHYSICAL FEATURES DAMAGED DURING THE EXECUTION OF THIS CONTRACT AT THEIR OWN EXPENSE. ALL REPAIRS SHALL BE TO THE SATISFACTION OF THE CITY OF GAHANNA.

THE CONTRACTOR SHALL CONFINE ACTIVITIES TO THE PROJECT SITE, EXISTING RIGHT-OF-WAYS, TEMPORARY EASEMENTS AND PERMANENT EASEMENTS, AND SHALL NOT ENTER UPON OTHER PROPERTIES WITHOUT WRITTEN PERMISSION OF THE PROPERTY OWNER.

DUST CONTROL SHALL BE MAINTAINED THROUGHOUT THE ENTIRE SITE.

THE CONTRACTOR SHALL CLEAN ADJACENT STREETS ON A DAILY BASIS IF MUD IS TRACKED FROM VEHICLES VISITING THE SITE.

SHOULD WATER BE ENCOUNTERED, THE CONTRACTOR SHALL FURNISH AND OPERATE SUITABLE PUMPING EQUIPMENT OF SUCH CAPACITY ADEQUATE TO DEWATER THE TRENCH. THE TRENCH SHALL BE SUFFICIENTLY DEWATERED SO THAT THE PLACEMENT OF BEDDING AND LAYING AND JOINING OF THE PIPE IS MADE IN A TRENCH FREE OF STANDING WATER. THE CONTRACTOR SHALL CONVEY ALL TRENCH WATER TO A NATURAL DRAINAGE CHANNEL OR STORM SEWER WITHOUT CAUSING ANY PROPERTY DAMAGE. THE COST FOR DEWATERING ACTIVITIES SHALL BE INCLUDED IN PRICE BID FOR THE VARIOUS RELATED ITEMS.

THE CONTRACTOR IS ULTIMATELY RESPONSIBLE TO ENSURE CONSTRUCTION TO PLAN GRADE. THE CONTRACTOR SHALL ENSURE THERE IS A SURVEYOR'S LEVEL AND ROD ON THE PROJECT FOR USE IN PERFORMING GRADE CHECKS WHENEVER SEWER LINE STRUCTURES OR PIPES ARE BEING INSTALLED. THE CONTRACTOR SHALL MAKE THIS EQUIPMENT AVAILABLE FOR USE AND ASSIST THE CITY INSPECTOR IN PERFORMING GRADE CHECKS WHEN REQUESTED BY THE INSPECTOR. THE INSPECTOR WILL MAKE ALL REASONABLE ATTEMPTS TO CONFINE REQUESTS FOR ASSISTANCE IN PERFORMING GRADE CHECKS TO TIMES CONVENIENT TO THE CONTRACTOR. THESE CHECKS WILL BE PERFORMED TO ENSURE THAT CONSTRUCTION MATCHES PLAN GRADE, AND TO ENSURE THAT ALL EXISTING INVERTS ALONG WITH THE PROPOSED TOP OF CASTING ELEVATIONS ARE VERIFIED DURING CONSTRUCTION OF THE SEWER.

THE CONTRACTOR SHALL REFERENCE ALL IRON PINS OR MONUMENTS. IF ANY PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED SURVEYOR IN THE STATE OF OHIO AT THE COMPLETION OF THE PROJECT.

VERTICAL CONTROL HAS BEEN ESTABLISHED FOR THE PROJECT AS SHOWN ON THE PLANS. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SURVEYS TO COMPLETE THE PROJECT INCLUDING REESTABLISHMENT OF CONTROL POINTS, PROJECT LAYOUT AND STAKING OF EASEMENTS.

NO NON-RUBBER Tired VEHICLES SHALL BE MOVED ON CITY STREETS, EXISTING PRIVATE ROADWAYS, OR PARKING LOTS UNLESS WRITTEN APPROVAL IS GRANTED BY THE APPROPRIATE CITY AUTHORITY OR PROPERTY OWNER. ANY DAMAGE MUST BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY OF GAHANNA AT NO COST TO THE CITY OR PROPERTY OWNER.

ANY MODIFICATION TO THE WORK AS SHOWN ON THESE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CITY OF GAHANNA.

THE CONTRACTOR SHALL MAKE HIS OWN PROVISIONS TO PROVIDE A SITE STAGING AREA AND JOB TRAILER (IF REQUIRED) FOR THE PROJECT IMPROVEMENTS.

ORANGE CONSTRUCTION FENCING SHALL BE PLACED AROUND THE EXISTING TREES TO BE SAVED AND REMAIN IN PLACE DURING THE DEVELOPMENT CONSTRUCTION. THE LOCATION AND LIMITS OF THE FENCING AND ANY CLEARING NECESSARY SHALL BE AS PER THE APPROVED PLANS.

INCONVENIENCE TO THE ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC SHALL BE KEPT TO AN ABSOLUTE MINIMUM. ALL WORK IS TO CONTINUE ON A UNIFORM BASIS AND ON SCHEDULE, PARTICULARLY THE RESTORATION AND CLEAN UP OF DISTURBED AREAS AFTER CONSTRUCTION.

THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT SOIL TRANSPORT DURING CONSTRUCTION ONTO PUBLIC ROADS. THE CONTRACTOR SHALL CLEAN AND SWEEP STREETS AS DIRECTED BY THE CITY. THE COST FOR STREET SWEEPING AND CLEANING IS TO BE INCLUDED IN THE PRICE BID UNDER VARIOUS ITEMS.

THE COST OF RELOCATING AND/OR SECURING ANY POWER POLES AS NECESSARY TO COMPLETE THE WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS ITEMS OF THE CONTRACT.

ANY REQUIRED RELOCATION, SUPPORT, PROTECTION, RESTORATION, OR ANY OTHER ACTIVITY CONCERNED WITH THE CITY'S ELECTRICAL OR STREET LIGHTING SYSTEMS IN THE CONSTRUCTION AREA IS TO BE PERFORMED SOLELY BY THE CITY AT THE EXPENSE OF THE PROJECT. THE CITY SHALL BE NOTIFIED PRIOR TO CONSTRUCTION TO ALLOW FOR ENGINEERING AND RELOCATION OF FACILITIES.

IF ANY ELECTRIC FACILITY BELONGING TO THE CITY IS DAMAGED IN ANY MANNER BY THE CONTRACTOR, ITS AGENTS, SERVANTS, OR EMPLOYEES, THE CITY SHALL MAKE ALL NECESSARY REPAIRS, AND THE EXPENSE OF SUCH REPAIRS AND OTHER RELATED COSTS SHALL BE PAID BY THE CONTRACTOR TO THE CITY.

UTILITIES

THE CONTRACTOR SHALL GIVE NOTICE TO THE OHIO UTILITIES PROTECTION SERVICE (PHONE 1-800-362-2764) AND TO THE OWNERS OF THE UTILITY FACILITIES SHOWN ON THE PLAN WHO ARE NOT MEMBERS OF A REGISTERED UTILITY PROTECTION SERVICE. THE ABOVE MENTIONED NOTICE SHALL BE GIVEN AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.

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 COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS RELATED ITEMS. THE CONTRACTOR SHALL EXPOSE ALL UTILITIES OR STRUCTURES PRIOR TO CONSTRUCTION TO VERIFY THE VERTICAL AND HORIZONTAL EFFECTS ON THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL GIVE NOTICE TO OUPS AND OTHER UTILITY OWNERS PER THE GENERAL NOTES.

WHERE POTENTIAL GRADE CONFLICTS MIGHT OCCUR WITH EXISTING UTILITIES, THE CONTRACTOR SHALL EXPOSE AND VERIFY THE DEPTH OF THE EXISTING UTILITY IN ADVANCE OF THE PROPOSED CONSTRUCTION.

THE IDENTITY AND LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN THE CONSTRUCTION AREA HAVE BEEN SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS AS ACCURATELY AS PROVIDED BY THE UTILITY OWNER. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR DEPTHS OF UNDERGROUND FACILITIES SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE.

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT AND ARE REGISTERED MEMBERS OF THE UNDERGROUND UTILITY PROTECTION SERVICE:

Utility	Owner	Telephone	Fax
Water Facilities	City of Gahanna		
	Water Division	(614) 342-4440	(614) 342-4100
	200 S. Hamilton Rd		
	Gahanna, OH 43230		
Sewer Facilities	City of Gahanna		
	Sewer Division	(614) 342-4440	(614) 342-4100
	200 S. Hamilton Rd		
	Gahanna, OH 43230		
Electric Facilities	American Electric Power	(614) 883-6811	(614) 883-6868
	850 Tech Center Dr		
	Gahanna, OH 43230		
Gas	Columbia Gas of Ohio (Distribution)	P: (614) 818-2104	
	ATTN: Rob Caldwell	C: (614) 370-1906	
	3550 Johnny Appleseed Court	E-mail: rcaldwell@nsource.com	(614) 460-4265
Telephone	Columbus, OH 43231		
	AT&T		
	150 E. Gay St	(800) 660-1000	(614) 223-6296
	Columbus, OH 43212		

STORM SEWER NOTES

ALL STORM SEWER LINE MATERIALS AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CURRENT RULES AND REGULATIONS OF THE CITY OF COLUMBUS, DIVISION OF SEWERS AND DRAINS AND THE DIRECTION OF THE CITY OF GAHANNA.

ANY PLACEMENT OF STORM SEWERS BENEATH EXISTING OR PROPOSED PAVEMENT SHALL BE BACKFILLED IN ACCORDANCE WITH COLUMBUS CMS ITEM 912, COMPACTED GRANULAR BACKFILL.

ALL PIPES SHALL BE LAID WITH TYPE 1 GRANULAR MATERIAL BEDDING AND BACKFILL AS SHOWN ON STANDARD CITY OF COLUMBUS DRAWINGS AA-S149 OR AA-S151. INSTALLATION SHALL CONFORM TO CMS SECTION 901.

ALL CONCRETE PIPE AND STORM SEWER STRUCTURES SHALL BE STAMPED OR HAVE SUCH IDENTIFICATION NOTING THAT SAID PIPE AND/OR STORM STRUCTURES HAVE BEEN INSPECTED BY THE CITY OF COLUMBUS AND MEETS THEIR SPECIFICATIONS. PIPE AND STRUCTURES WITHOUT PROPER IDENTIFICATION WILL NOT BE PERMITTED FOR INSTALLATION.

ALL CURB INLETS AND MANHOLES SHALL BE CHANNELED AS DIRECTED. THE COST FOR THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR VARIOUS STORM SEWER ITEMS.

IN CASE OF CONFLICT IN GRADE BETWEEN WATER LINES AND STORM SEWERS, THE WATER LINES SHALL BE LOWERED DURING CONSTRUCTION.

ALL PLASTIC SEWER LINES SHALL BE DEFLECTION TESTED AFTER INSTALLATION IN CONFORMANCE WITH THE REQUIREMENTS OF COLUMBUS CMS ITEM 901.

ALL STORM SEWER IS TO BE MANDREL TESTED, CLEANED AND CAMERA INSPECTED.

ITEM SPECIAL ~ AS-BUILT SURVEY

AT THE CONCLUSION OF CONSTRUCTION, THE CONTRACTOR IS TO PROVIDE THE CITY OF GAHANNA WITH AN AS-BUILT SURVEY SHOWING THE HORIZONTAL COORDINATES AND VERTICAL ELEVATIONS FOR ALL INSTALLED STORM SEWER STRUCTURES (CATCH BASINS, MANHOLES, HEADWALLS). ALL MATERIAL, EQUIPMENT, AND LABOR REQUIRED TO COMPLETE THIS REQUIREMENT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM SPECIAL ~ AS-BUILT SURVEY.

MAINTENANCE OF TRAFFIC

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND SAFE MOVEMENT OF PEDESTRIANS THROUGH, AROUND AND AWAY FROM THE CONSTRUCTION SITE AS DESIGNATED IN SECTION 60.01 OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD).

THE SAFETY OF PEDESTRIAN TRAFFIC SHALL BE CONSIDERED AT ALL TIMES IN THE PROVISION OF TRAFFIC CONTROL DEVICES REQUIRED BY THESE PLANS AND NOTES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE LIGHTS, SIGNS, BARRICADES AND OTHER WARNINGS TO PHYSICALLY SEPARATE THE PEDESTRIAN FROM HAZARDS INCIDENTAL TO THE CONSTRUCTION OPERATIONS SUCH AS OPEN EXCAVATIONS, ETC.

ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED, MAINTAINED AND REMOVED BY THE CONTRACTOR IN ACCORDANCE WITH THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (OMUTCD) FOR CONSTRUCTION AND MAINTENANCE OPERATIONS. ALL DEVICES SHALL MEET FP-85 REFLECTANCE STANDARDS AND IN FULL COMPLIANCE WITH "QUALITY STANDARDS FOR WORK ZONE TRAFFIC CONTROL DEVICES" PUBLISHED BY ATSSA. ALL TRAFFIC CONTROL DEVICES MUST MEET NCHRP 350.

STEADY BURNING, TYPE "C" LIGHTS SHALL BE REQUIRED ON ALL BARRICADES, DRUMS AND SIMILAR TRAFFIC CONTROL DEVICES IN USE AT NIGHT. ALL SIGNS, NINE SQUARE FEET (36" X 36") AND OVER SHALL HAVE YELLOW TYPE "A" LOW INTENSITY FLASHING WARNING LIGHTS AND THREE FLAGS. CONES ARE NOT APPROVED FOR USE AT NIGHT.

THE ROADWAY SHALL NOT BE OPENED TO TRAFFIC UNTIL PERMANENT TRAFFIC CONTROLS ARE IN PLACE OR UNTIL TEMPORARY TRAFFIC CONTROLS APPROVED BY THE INSPECTOR ARE INSTALLED. THE CONTRACTOR ASSUMES ALL LIABILITY FOR THE PREMATURE REMOVAL OF TEMPORARY TRAFFIC CONTROLS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REINSTALLATION AND/OR REPLACEMENT OF ALL PERMANENT TRAFFIC CONTROL DEVICES DAMAGED OR REMOVED DURING THE CONSTRUCTION. PERMANENT TRAFFIC CONTROLS NO LONGER IN CONFLICT WITH TEMPORARY TRAFFIC CONTROLS SHALL BE REPLACED IMMEDIATELY.

ALL PERMANENT TRAFFIC CONTROLS NOT IN CONFLICT WITH THE TEMPORARY TRAFFIC CONTROLS SHALL BE MAINTAINED THROUGHOUT THE PROJECT BY THE CONTRACTOR. THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR MISSING, DAMAGED, AND IMPROPERLY PLACED TRAFFIC CONTROL DEVICES.

ALL TRENCHES WITHIN THE ROAD RIGHT-OF-WAY SHALL BE BACKFILLED OR SECURELY PLATED DURING NON-WORKING HOURS.

TWO-WAY, ONE-LANE TRAFFIC MAY BE MAINTAINED DURING CONSTRUCTION OPERATIONS ON EAST JOHNSTOWN ROAD FOR A MAXIMUM OF 7 HOURS BETWEEN THE HOURS OF 8:30 AM AND 3:30 PM PER CITY OF COLUMBUS MAINTENANCE OF TRAFFIC STANDARD DRAWING 1550. TWO-WAY, TWO-LANE TRAFFIC SHALL BE MAINTAINED AT ALL OTHER TIMES.

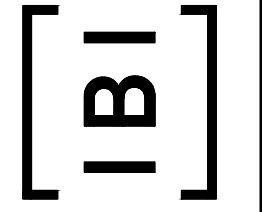
ANY WORK DONE BY THE CITY INCLUDING INSTALLATION, RELOCATION, REMOVAL AND/OR REPLACEMENT OF PERMANENT TRAFFIC CONTROL DEVICES AS A RESULT OF WORK DONE BY THE CONTRACTOR OR AS A RESULT OF THE NEGLIGENCE OF THE CONTRACTOR SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

REVISIONS:
DATE: DESCRIPTION:



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
GENERAL NOTES

DEFINING THE CITIES
OF TOMORROW
8101 North High Street, Suite 100
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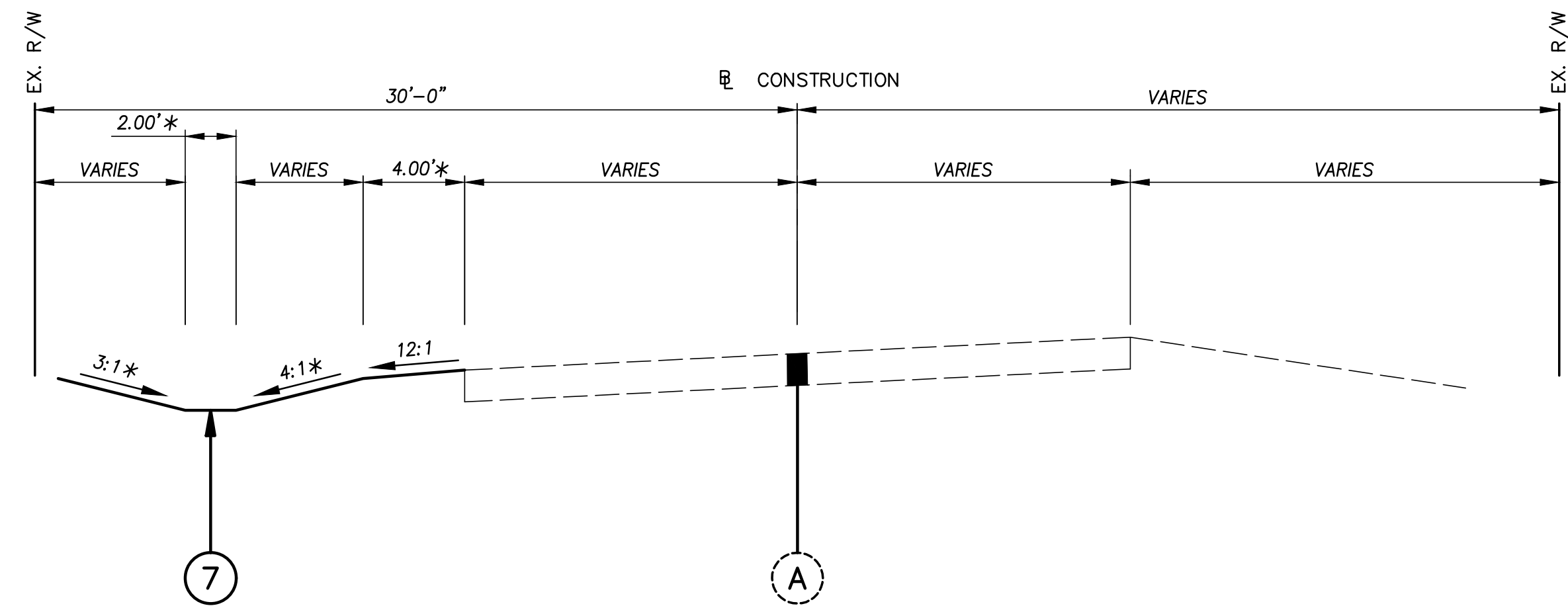


DATE:
DECEMBER 6, 2021

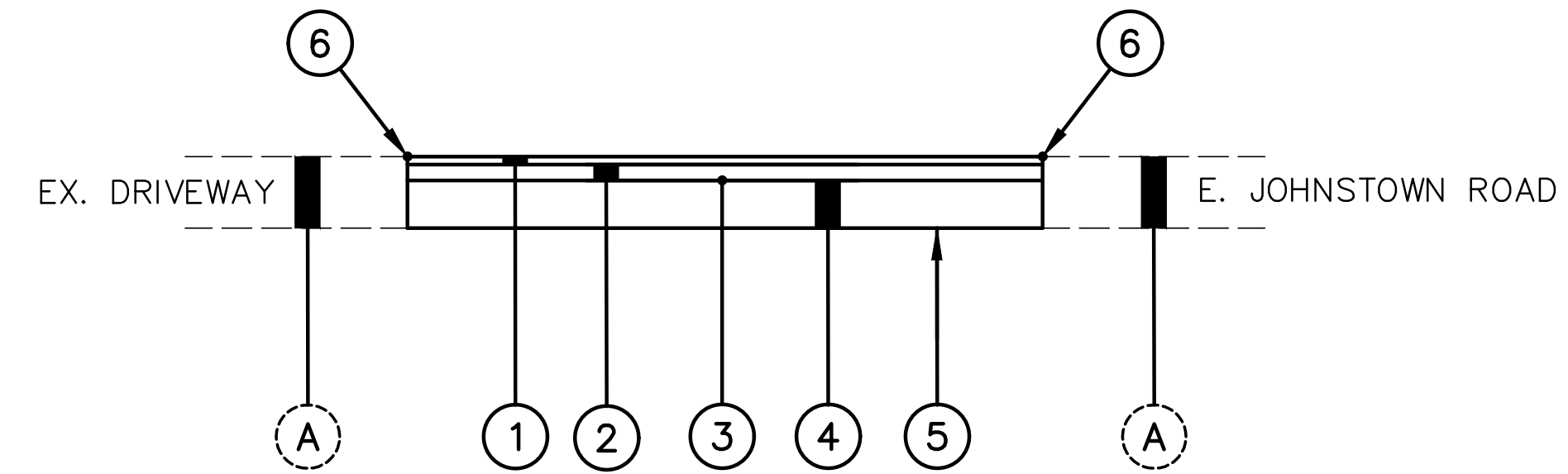
SCALE:

IBI GROUP NO.:
133246

SHEET NO.:



EAST JOHNSTOWN ROAD DITCH IMPROVEMENTS
 STA. 40+83.20 TO STA. 45+50.00
 (NOT TO SCALE)



DRIVEWAY REPLACEMENT TYPICAL SECTION
 (NOT TO SCALE)

LEGEND

- ① ITEM 448 – 1.5" ASPHALT CONCRETE, SURFACE COURSE (TYPE 1)
- ② ITEM 441 – 2.5" ASPHALT CONCRETE, INTERMEDIATE COURSE, (TYPE 2), 448
- ③ ITEM 407 – TACK COAT (.08 GAL/SY)
- ④ ITEM 304 – 4" AGGREGATE BASE
- ⑤ ITEM 204 – SUBGRADE COMPACTION
- ⑥ ITEM 423 – CRACK SEALING, TYPE 1
- ⑦ ITEM 659 – SEEDING AND MULCHING, CLASS 1
- Ⓐ EXISTING ASPHALT PAVEMENT – DEPTH UNKNOWN
- * UNLESS OTHERWISE NOTED IN THE CROSS SECTIONS

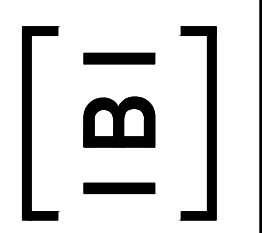
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
ROADWAY			
201	CLEARING AND GRUBBING	1	LUMP
202	PAVEMENT REMOVED, ASPHALT DRIVEWAY	118	S.Y.
202	PIPE REMOVED, 24" AND UNDER	34	FT.
203	EXCAVATION	65	C.Y.
203	EMBANKMENT	10	C.Y.
252	FULL DEPTH PAVEMENT REMOVAL & REPLACEMENT	98	S.Y.
409	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	124	FT.
PAVEMENT - DRIVEWAY			
304	4" AGGREGATE BASE	13	C.Y.
407	TACK COAT (.08 GAL/SY)	10	GAL.
423	CRACK SEALING, TYPE 1	124	FT.
448	1.5" ASPHALT CONCRETE, SURFACE COURSE	5	C.Y.
448	2.5" ASPHALT CONCRETE, INTERMEDIATE COURSE	9	C.Y.
EROSION CONTROL			
207	EROSION CONTROL	1	LUMP
659	SEEDING AND MULCHING	1390	S.Y.
659	FERTILIZER	1	LUMP
659	WATER	1	LUMP
DRAINAGE			
602	FULL HEIGHT HW, AA-S168	1	EA.
611	18" CONDUIT, TYPE C	89	FT.
611	24" CONDUIT, TYPE B	69	FT.
611	24" CONDUIT, TYPE C	340	FT.
611	CATCH BASIN, AA-S134A	1	EA.
611	CATCH BASIN, AA-S133B	1	EA.
611	MANHOLE, AA-S102	2	EA.
MAINTENANCE OF TRAFFIC			
614	MAINTAINING TRAFFIC	1	LUMP
MISCELLANEOUS			
623	CONSTRUCTION LAYOUT STAKES	1	LUMP
624	MOBILIZATION	1	LUMP
SPEC	AS-BUILT SURVEY	1	LUMP
WATER			
808	LOCATE CURB BOX, AS PER PLAN	1	EA.
808	RELOCATE 3/4" WATER SERVICE, AS PER PLAN	1	EA.
808	12" WATER MAIN LOWERING	1	EA.

REVISIONS:
 MARK: DATE: DESCRIPTION:



CITY OF GAHANNA, OHIO
 DRAINAGE IMPROVEMENTS FOR
 EAST JOHNSTOWN RD
 TYPICAL SECTION

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 OF TOMORROW
 8101 North High Street, Suite 100
 Columbus, OH 43235
 614-818-4900
 Fax: 614-818-4901
 www.ibigroup.com

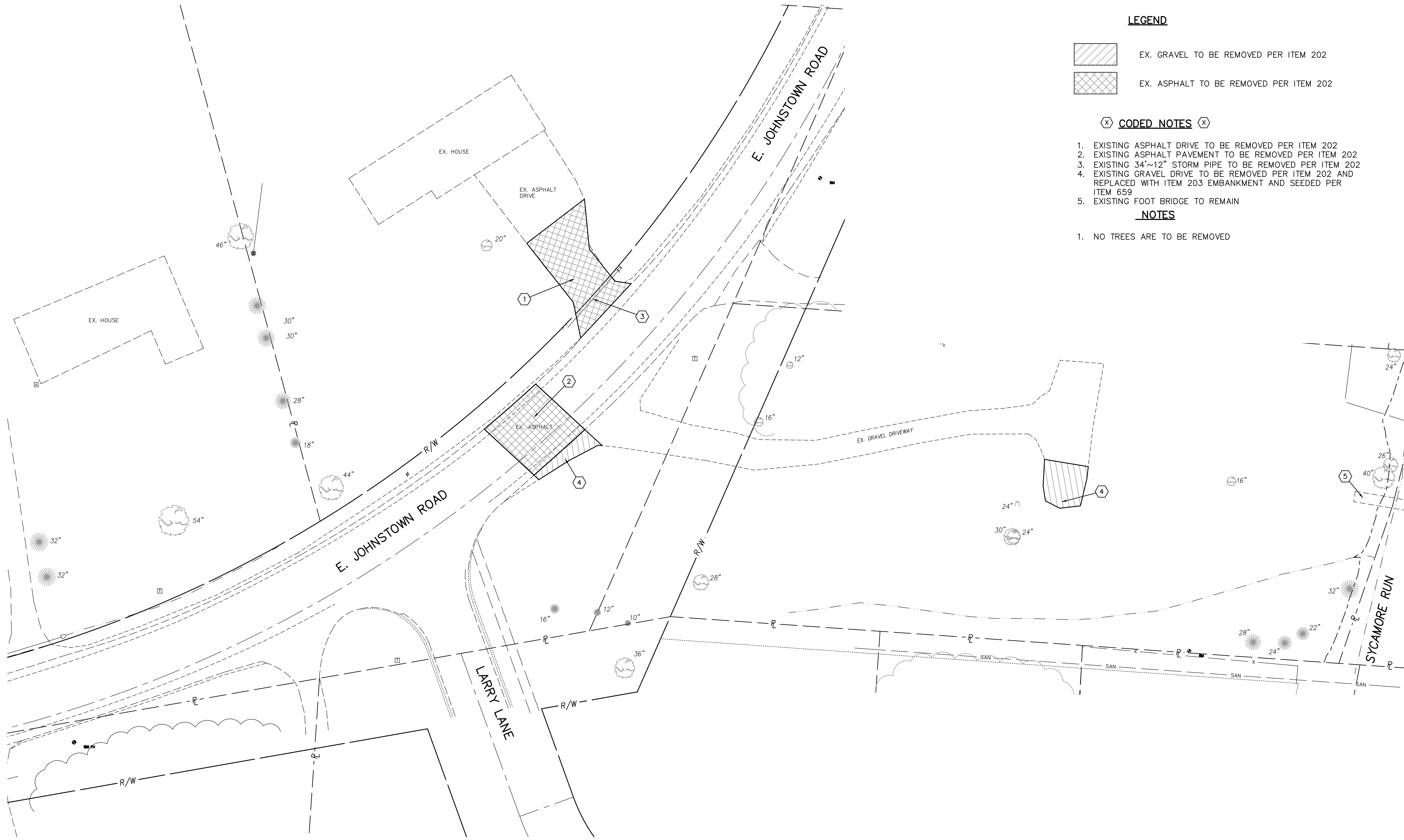


DATE:
 DECEMBER 6, 2021

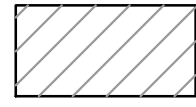

SCALE:

IBI GROUP NO.:
 133246

SHEET NO.:



LEGEND

-  EX. GRAVEL TO BE REMOVED PER ITEM 202
-  EX. ASPHALT TO BE REMOVED PER ITEM 202

(X) CODED NOTES (X)

1. EXISTING ASPHALT DRIVE TO BE REMOVED PER ITEM 202
2. EXISTING ASPHALT PAVEMENT TO BE REMOVED PER ITEM 202
3. EXISTING 34'-12" STORM PIPE TO BE REMOVED PER ITEM 202
4. EXISTING GRAVEL DRIVE TO BE REMOVED PER ITEM 202 AND REPLACED WITH ITEM 203 EMBANKMENT AND SEEDED PER ITEM 659
5. EXISTING FOOT BRIDGE TO REMAIN

NOTES

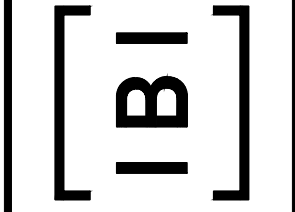
1. NO TREES ARE TO BE REMOVED

REVISIONS:	DATE:	DESCRIPTION:



CITY OF GAHANNA, OHIO
 DRAINAGE IMPROVEMENTS FOR
 EAST JOHNSTOWN RD
 DEMOLITION PLAN

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 OF TOMORROW
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 Columbus, OH 43235
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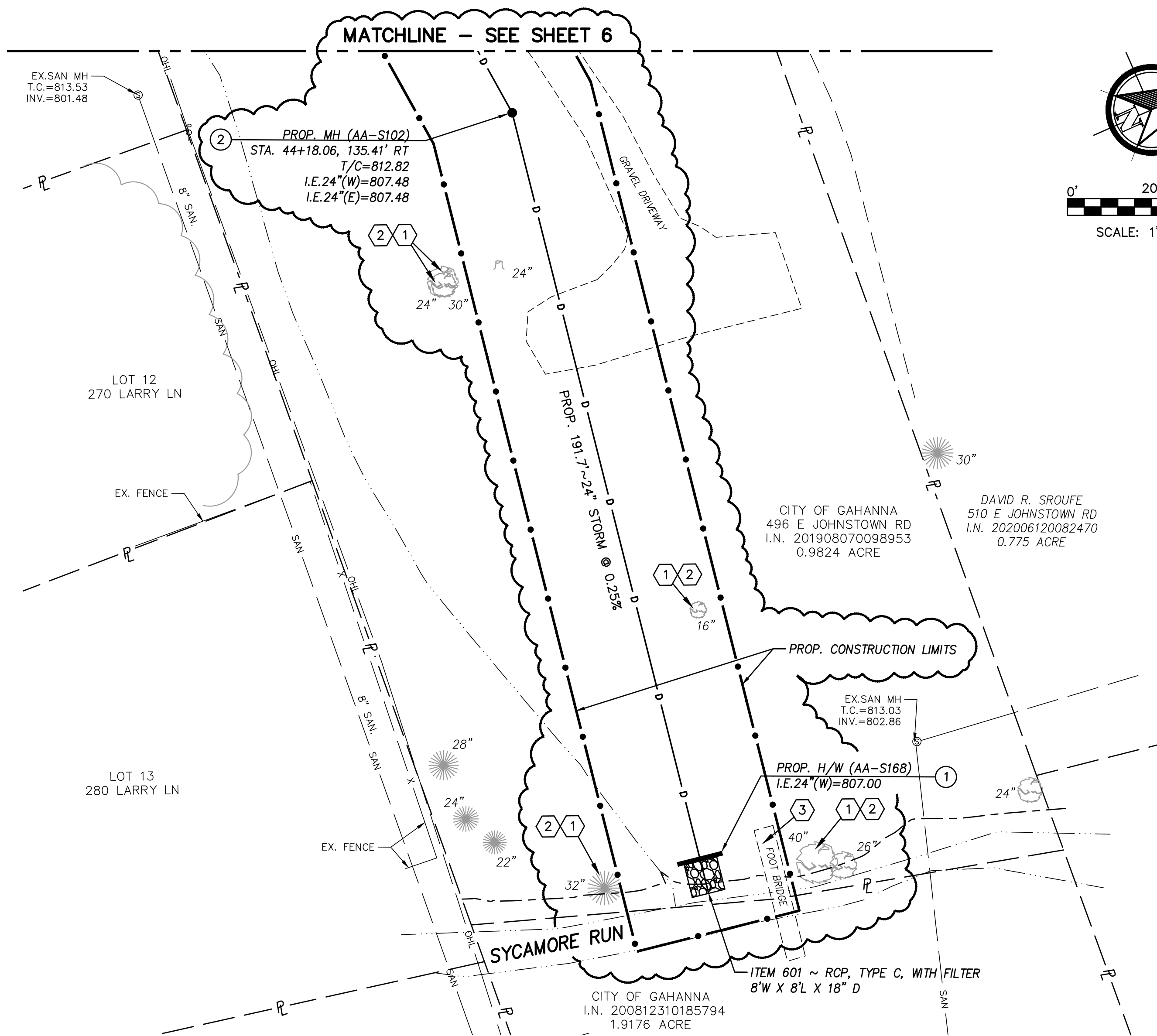
DATE:
 DECEMBER 6, 2021

SCALE:

IBI GROUP NO.:
 133246

SHEET NO.:

4/19



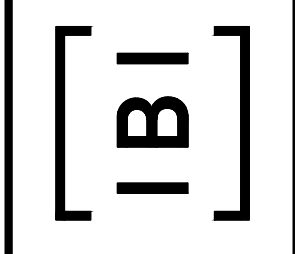
- CODED NOTES**
1. SAVE EXISTING TREE.
 2. CONTRACTOR IS TO INSTALL TREE PROTECTION FENCE ALONG THE DRIPLINE OF THE EXISTING TREE. NO CONSTRUCTION DISTURBANCE SHALL BE ALLOWED WITHIN THE DRIPLINE.
 3. DO NOT DISTURB EXISTING FOOT BRIDGE

REVISIONS:	DATE:	DESCRIPTION:



CITY OF GAHANNA, OHIO
 DRAINAGE IMPROVEMENTS FOR
 EAST JOHNSTOWN RD
 PLAN & PROFILE

DEFINING THE CITIES
 OF TOMORROW
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 Columbus, OH 43235
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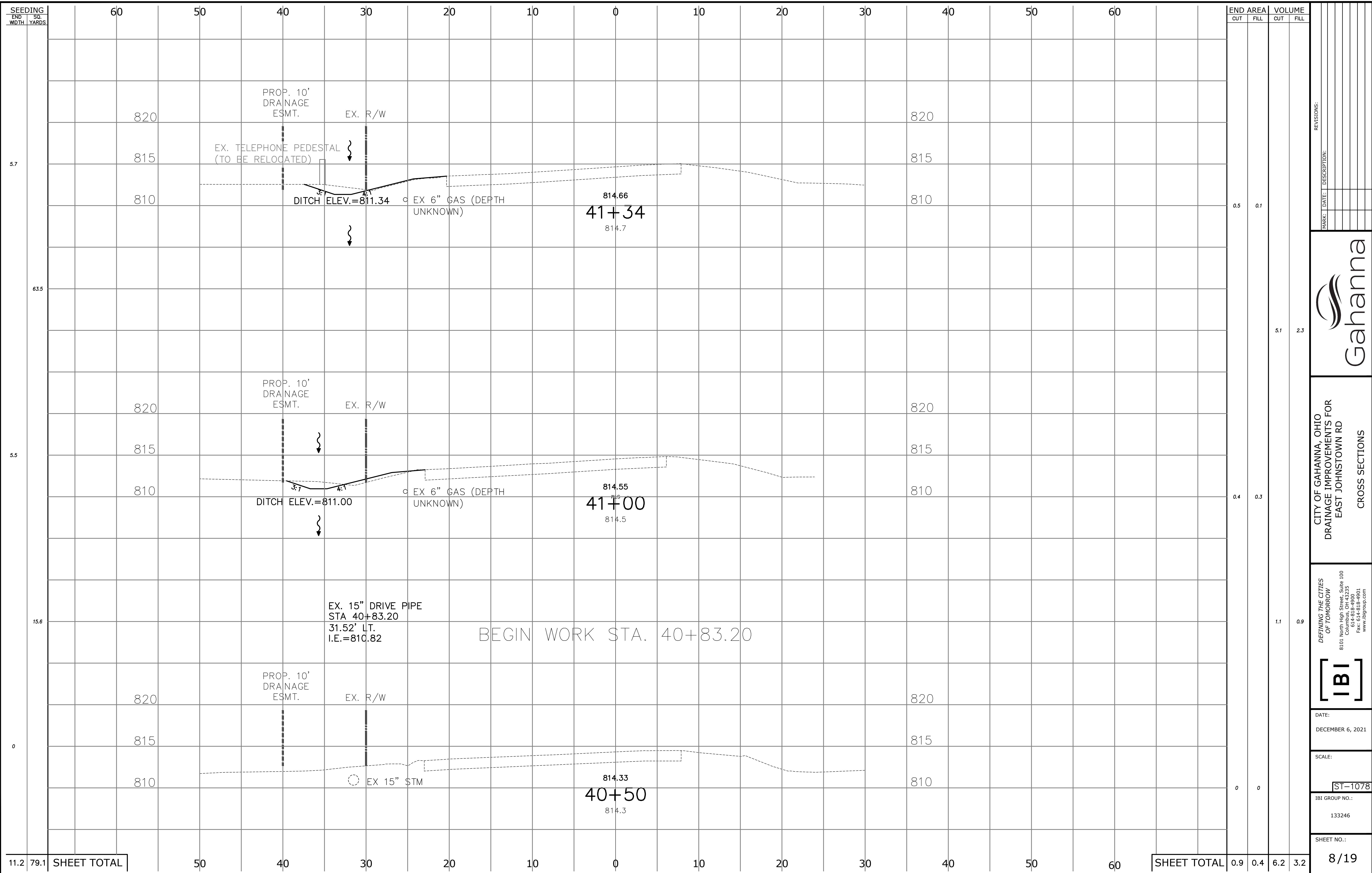
DATE:
 DECEMBER 6, 2021

SCALE:
 HORIZONTAL: 1"=20'
 VERTICAL:

IBI GROUP NO.:
 133246

SHEET NO.:
 7/19

NOTE: SEE SHEET 15 FOR STORM DETAILS AND PROFILES



SEEDING	SO.
END	WIDTH
YARDS	YARDS
11.2	79.1

END AREA		VOLUME	
CUT	FILL	CUT	FILL
0.5	0.1	5.1	2.3
0.4	0.3	1.1	0.9
0	0	0	0
0.9	0.4	6.2	3.2

REVISIONS:

MARK	DATE	DESCRIPTION

Gahanna

CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
CROSS SECTIONS

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Columbus, OH 43235
614-818-4900
Fax: 614-818-4901
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IBI

DATE:
DECEMBER 6, 2021

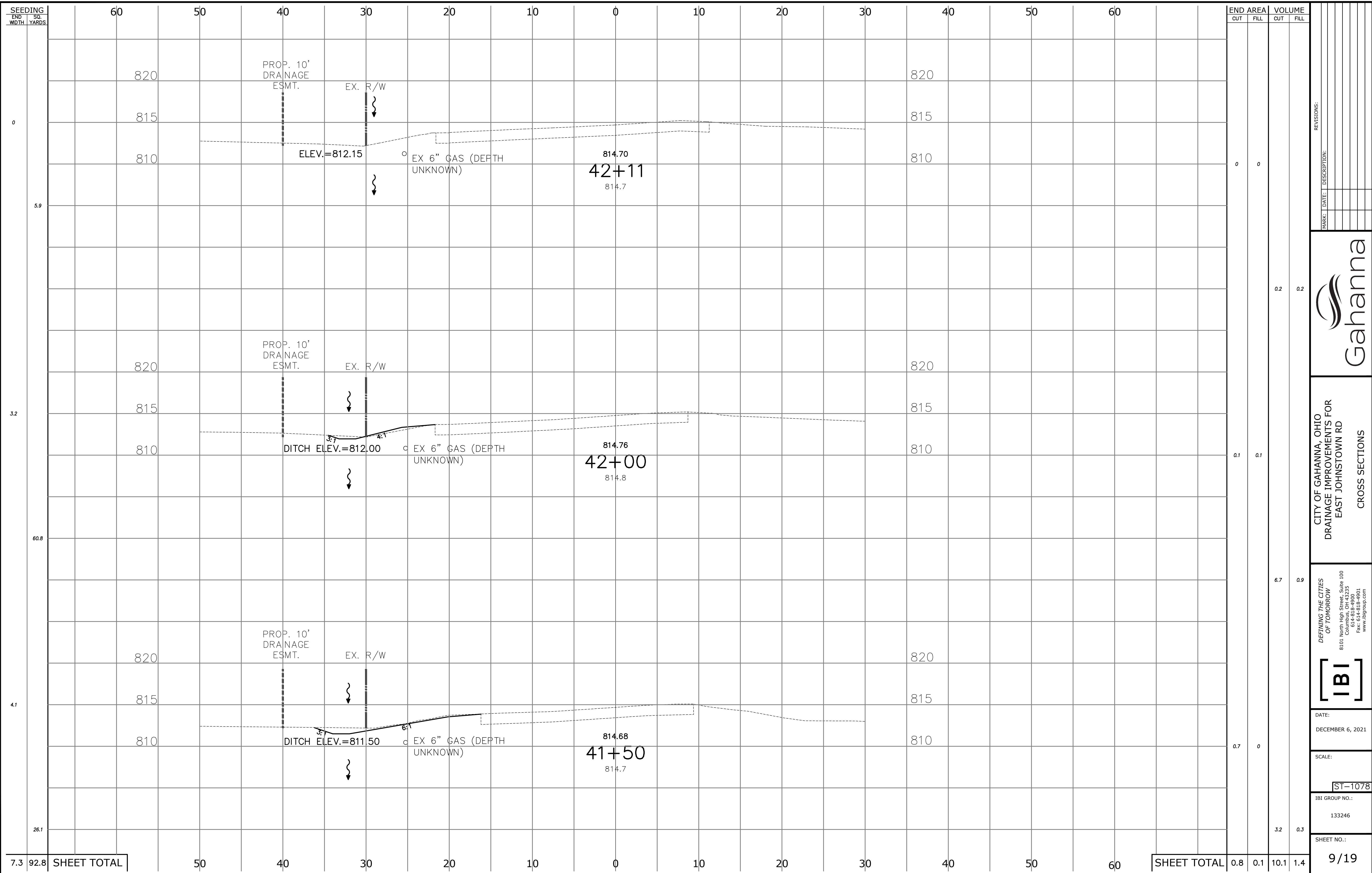
SCALE:
ST-1078

IBI GROUP NO.:
133246

SHEET NO.:
8/19

SHEET TOTAL

SHEET TOTAL



SEEDING	SO.
END	WIDTH
YARDS	YARDS
7.3	92.8

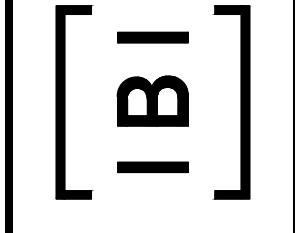
END	AREA		VOLUME	
	CUT	FILL	CUT	FILL
0	0	0	0	0
3.2	0.1	0.1	0.1	0.1
60.8	0.7	0	0.7	0
26.1	0.8	0.1	10.1	1.4

REVISIONS:
MARK:
DATE:
DESCRIPTION:



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
CROSS SECTIONS

DEFINING THE CITIES
OF TOMORROW
8101 North High Street, Suite 100
Columbus, OH 43235
614-818-4900
Fax: 614-818-4901
www.ibigroup.com

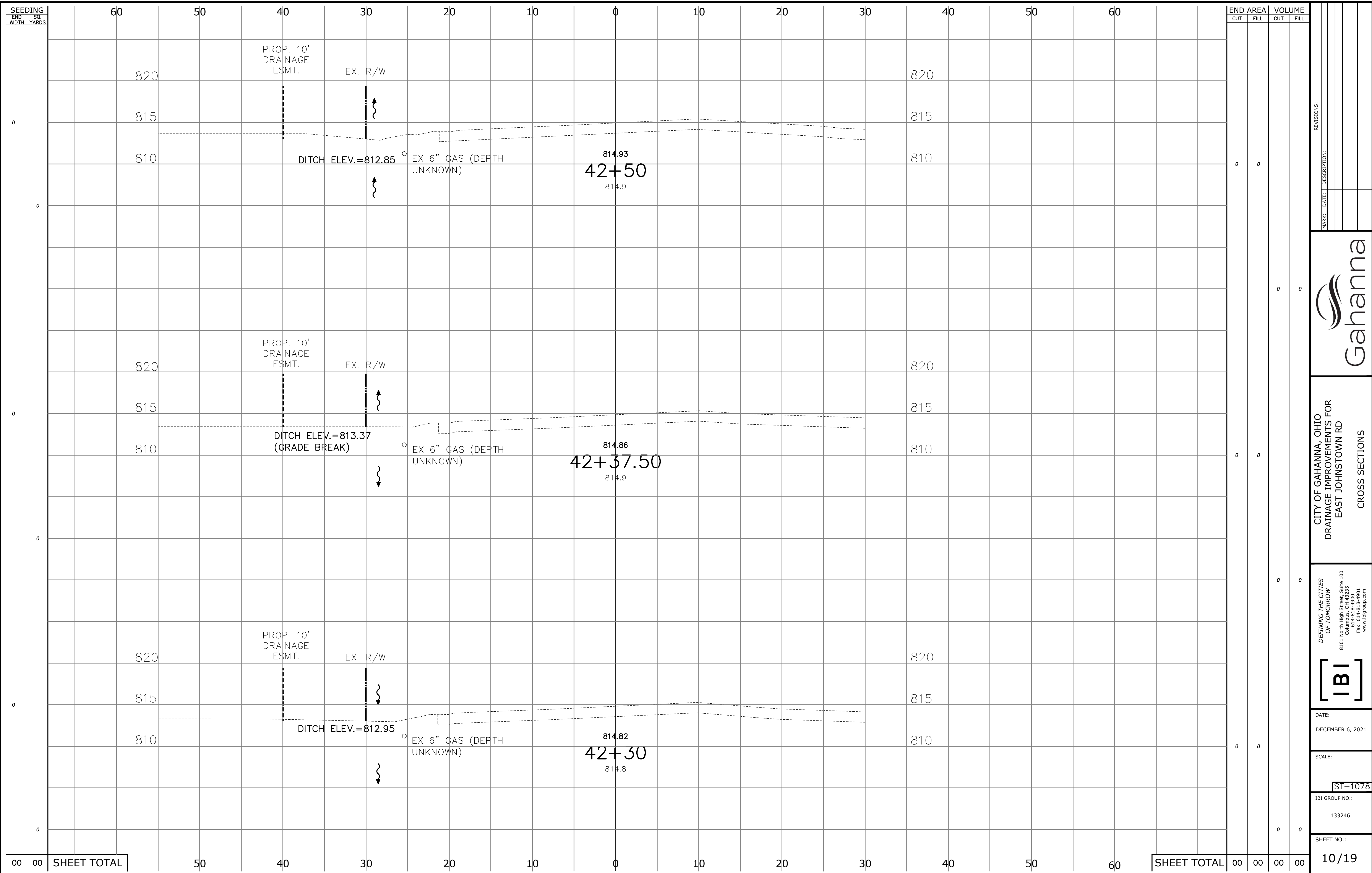


DATE:
DECEMBER 6, 2021

SCALE:
ST-1078

IBI GROUP NO.:
133246

SHEET NO.:
9/19



00 00 SHEET TOTAL

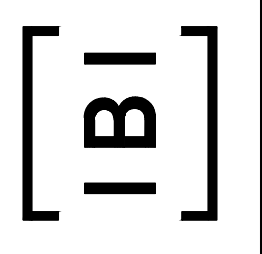
SHEET TOTAL 00 00 00 00

REVISIONS:	DATE:	DESCRIPTION:



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
CROSS SECTIONS

DEFINING THE CITIES
OF TOMORROW
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Columbus, OH 43235
614-818-4900
Fax: 614-818-4901
www.ibigroup.com

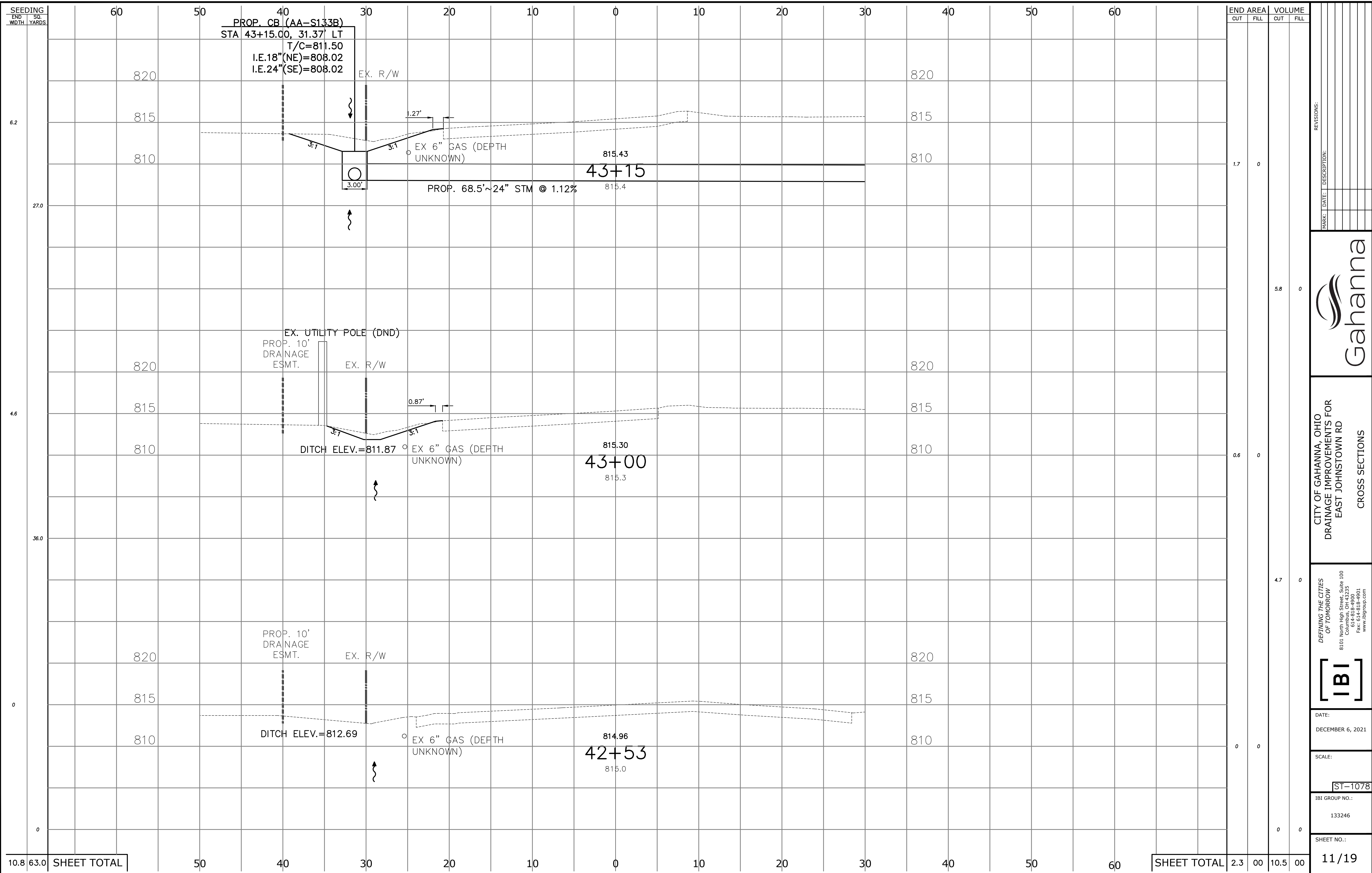


DATE:
DECEMBER 6, 2021

SCALE:
ST-1078

IBI GROUP NO.:
133246

SHEET NO.:
10/19



10.8 63.0 SHEET TOTAL

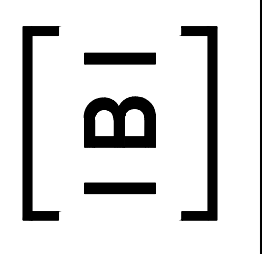
SHEET TOTAL 2.3 00 10.5 00

REVISIONS:	DATE:	DESCRIPTION:



CITY OF GAHANNA, OHIO
 DRAINAGE IMPROVEMENTS FOR
 EAST JOHNSTOWN RD
 CROSS SECTIONS

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 OF TOMORROW
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 614-818-4900
 Fax: 614-818-4901
 www.ibigroup.com

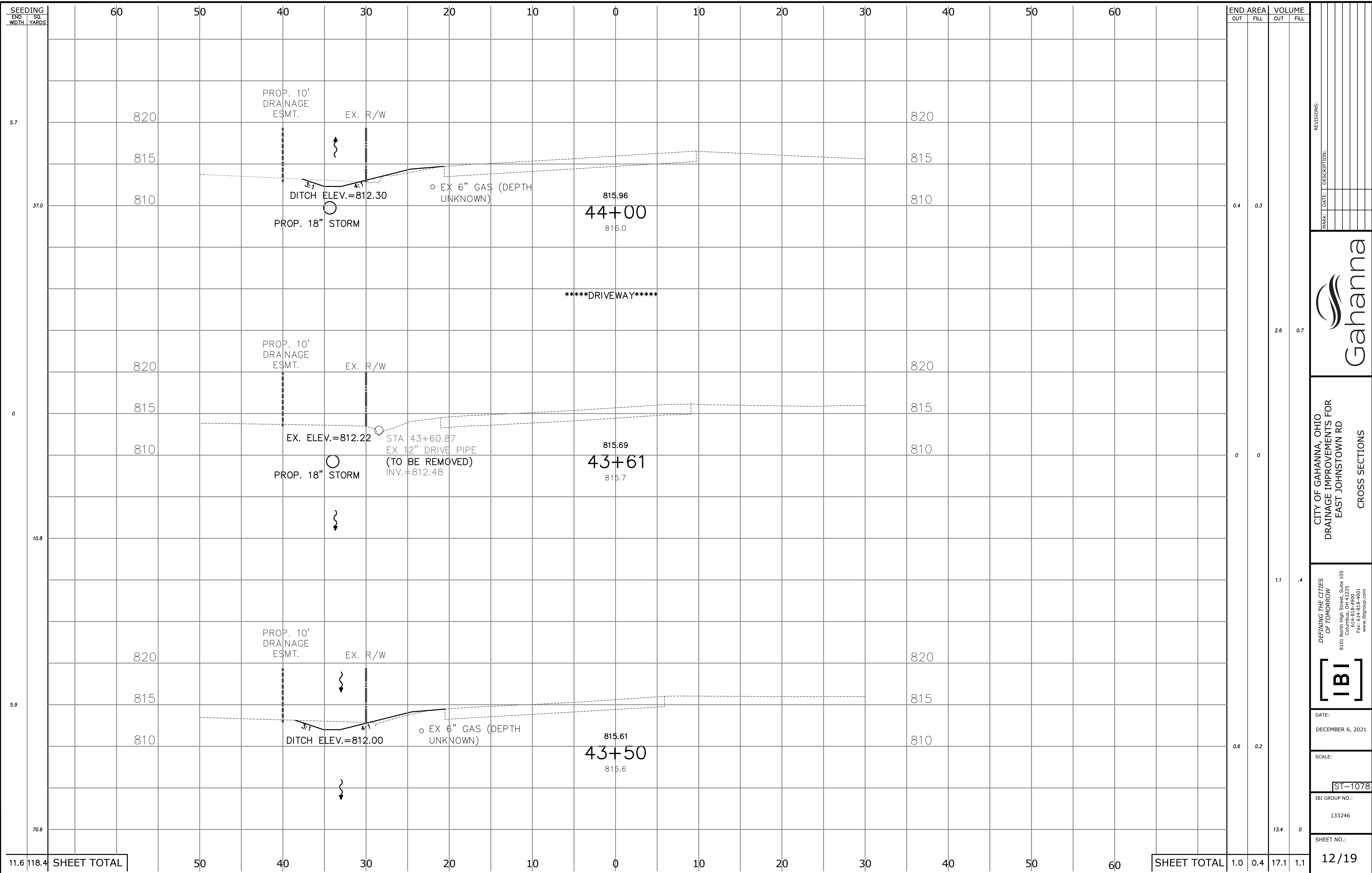


DATE:
 DECEMBER 6, 2021

SCALE:
 ST-1078

IBI GROUP NO.:
 133246

SHEET NO.:
 11/19

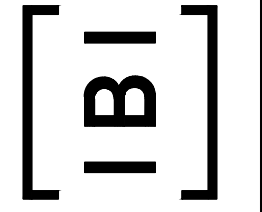


MARK	DATE	DESCRIPTION



CITY OF GAHANNA, OHIO
 DRAINAGE IMPROVEMENTS FOR
 EAST JOHNSTOWN RD
 CROSS SECTIONS

DEFINING THE CITIES
 OF TOMORROW
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 614-818-4900
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 www.ibigroup.com

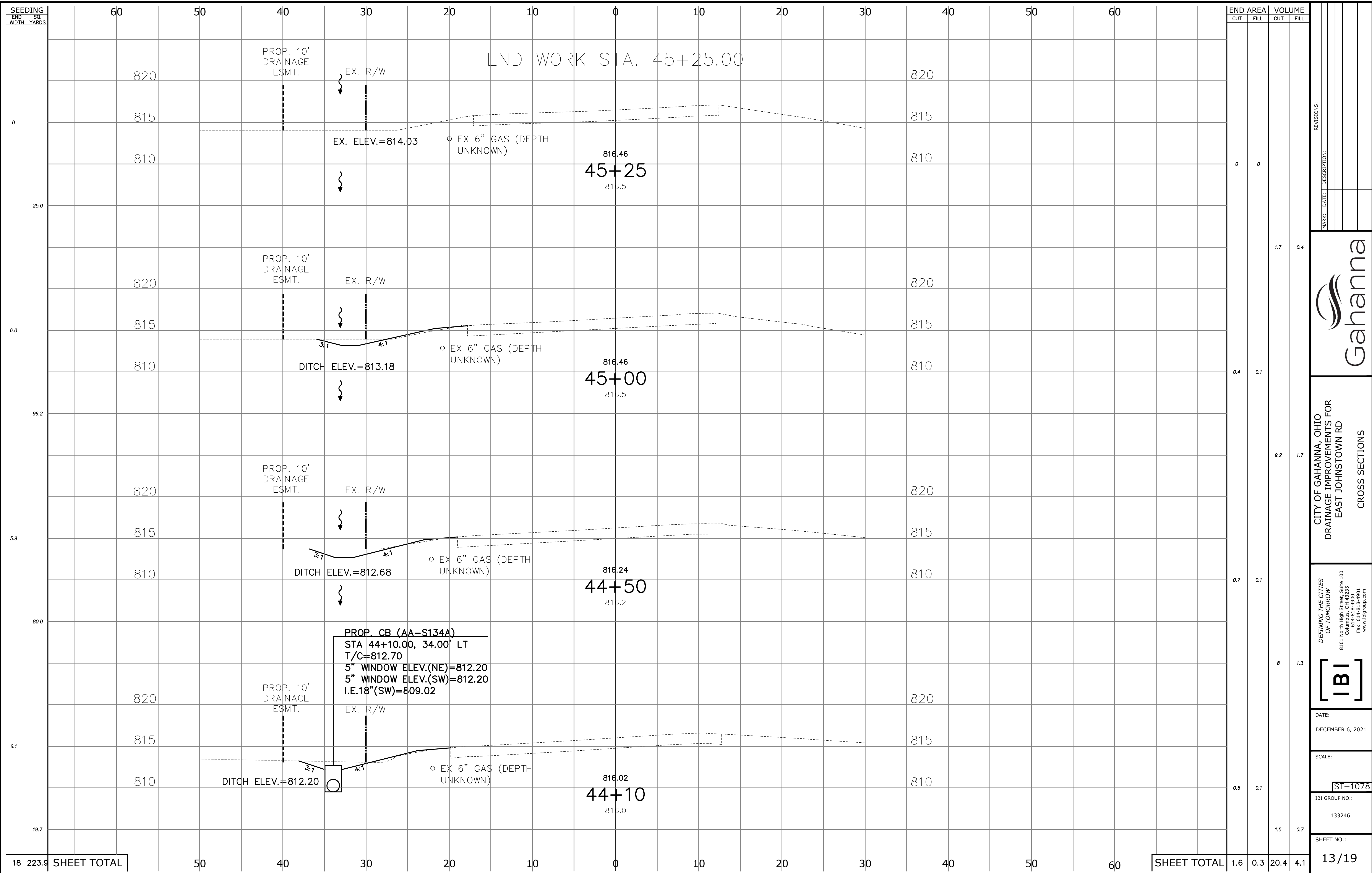


DATE:
 DECEMBER 6, 2021

SCALE:
 ST-1078

IBI GROUP NO.:
 133246

SHEET NO.:
 12/19



SEEDING	SO.
END WIDTH	YARDS
18	223.9
50	
40	
30	
20	
10	
0	
10	
20	
30	
40	
50	
60	
18	223.9

END AREA		VOLUME	
CUT	FILL	CUT	FILL
0	0	0	0
0.4	0.1	1.7	0.4
0.7	0.1	9.2	1.7
0.5	0.1	8	1.3
1.6	0.3	20.4	4.1

MARK:	DATE:	DESCRIPTION:

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DATE: DECEMBER 6, 2021

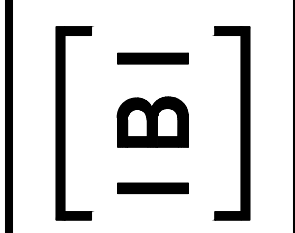
SCALE: ST-1078

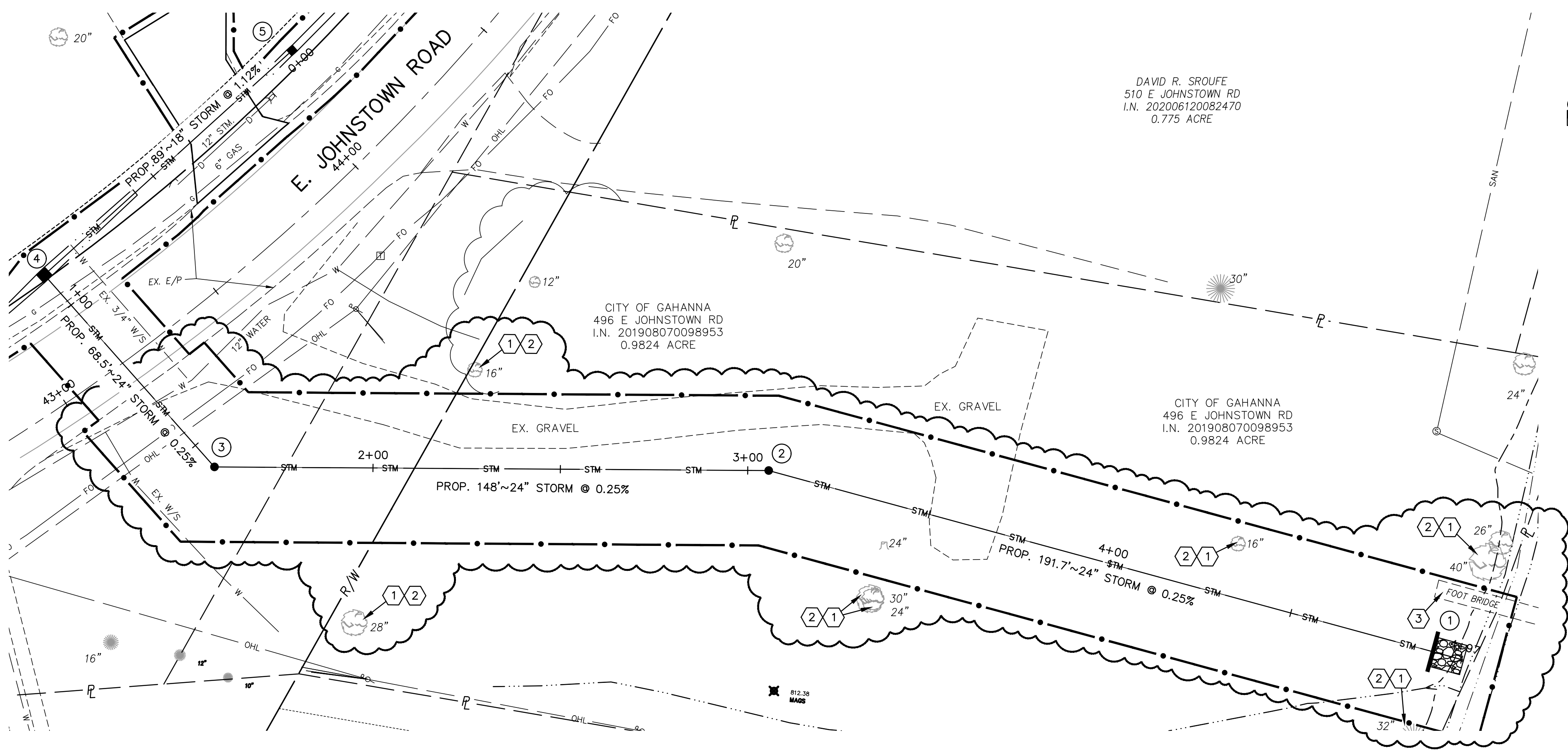
IBI GROUP NO.: 133246

SHEET NO.: 13/19



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
CROSS SECTIONS

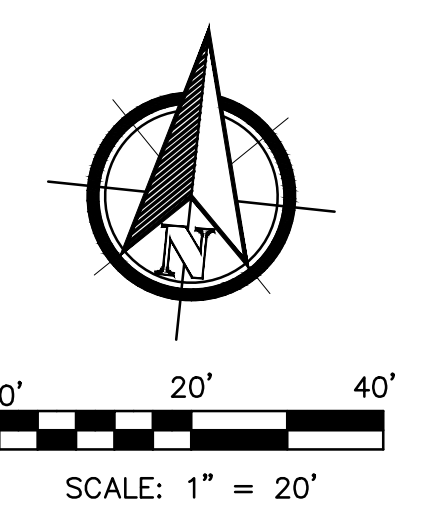




DAVID R. SROUFE
510 E JOHNSTOWN RD
I.N. 202006120082470
0.775 ACRE

CITY OF GAHANNA
496 E JOHNSTOWN RD
I.N. 201908070098953
0.9824 ACRE

CITY OF GAHANNA
496 E JOHNSTOWN RD
I.N. 201908070098953
0.9824 ACRE



- CODED NOTES**
1. SAVE EXISTING TREE.
 2. CONTRACTOR IS TO INSTALL TREE PROTECTION FENCE ALONG THE DRIPLINE OF THE EXISTING TREE. NO CONSTRUCTION DISTURBANCE SHALL BE ALLOWED WITHIN THE DRIPLINE.
 3. DO NOT DISTURB EXISTING FOOT BRIDGE

- NOTES:**
1. ALL PROPOSED STORM SEWER PIPE IS TO HAVE TYPE 1 BEDDING. THE COST OF THE BEDDING IS TO BE INCLUDED IN THE PRICE BID FOR ITEM 901.
 2. ALL PROPOSED STORM SEWER PIPE IS TO HAVE EITHER ITEM 911 OR ITEM 912 BACKFILL (SEE PROFILE BELOW FOR LOCATIONS). THE COST OF THE BACKFILL IS TO BE INCLUDED IN THE PRICE BID FOR ITEM 901.

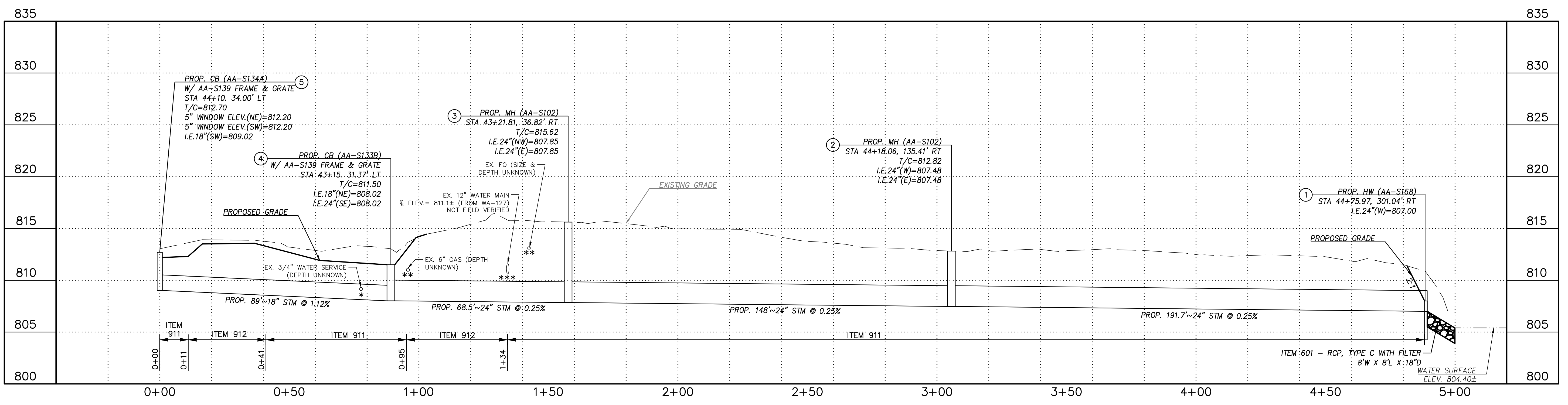
*** ** & ***** THE CONTRACTOR SHALL POT HOLE ALL EXISTING UTILITIES CROSSING THE PROPOSED STORM SEWER PRIOR TO CONSTRUCTION TO DETERMINE IF THERE ARE CONFLICTS. THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY IF CONFLICTS ARE PRESENT. THE COST FOR POT HOLES (INCLUDING ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS) IS TO BE INCLUDED IN THE PRICE BID FOR ITEM 901.

***** IF A CONFLICT IS PRESENT AND/OR 18" CLEARANCE IS NOT PROVIDED BETWEEN THE TWO UTILITIES, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:

- ITEM 808 ~ RELOCATE 3/4" WATER SERVICE, AS PER PLAN. THIS WORK IS TO INCLUDE ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NEEDED TO RELOCATE THE WATER SERVICE (PER ITEM 808 AND STANDARD DRAWING L-7102C) AND INSTALL A NEW CURB STOP AND RELOCATE THE EXISTING CURB BOX (PER ITEM 805 AND STANDARD DRAWING L-9901).
- THE EXISTING CURB BOX WAS NOT FOUND DURING THE FIELD SURVEY. ITEM 808 ~ LOCATE CURB BOX, AS PER PLAN WORK IS TO INCLUDE ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS USED BY THE CONTRACTOR TO LOCATE THE EXISTING CURB BOX.

******* IF A CONFLICT IS PRESENT AND/OR 18" CLEARANCE IS NOT PROVIDED BETWEEN THE TWO UTILITIES, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING:

- ITEM 808 ~ 12" WATER MAIN LOWERING. THIS WORK IS TO INCLUDE ALL MATERIALS, LABOR, EQUIPMENT, BENDS, CONCRETE BACKING, AND INCIDENTALS NEEDED TO LOWER THE EXISTING 12" WATER LINE (PER ITEM 808 AND STANDARD DRAWING L-7401)



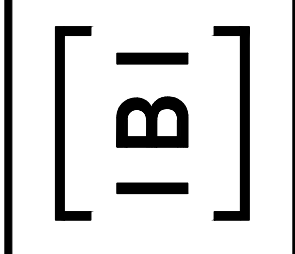
PROPOSED STORM SEWER PROFILE
VERTICAL SCALE: 1" = 5'
HORIZONTAL SCALE: 1" = 20'

MARK	DATE	DESCRIPTION



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
STORM PROFILE

DEFINING THE CITIES
OF TOMORROW
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Columbus, OH 43235
614-818-4900
Fax: 614-818-4901
www.ibigroup.com

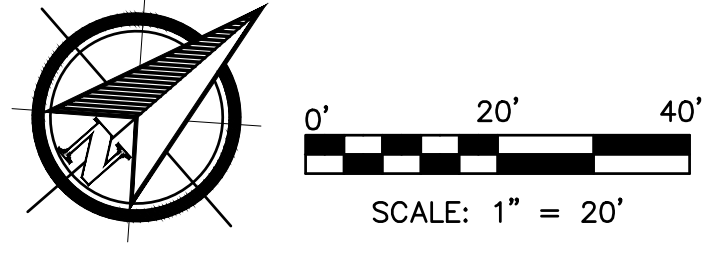
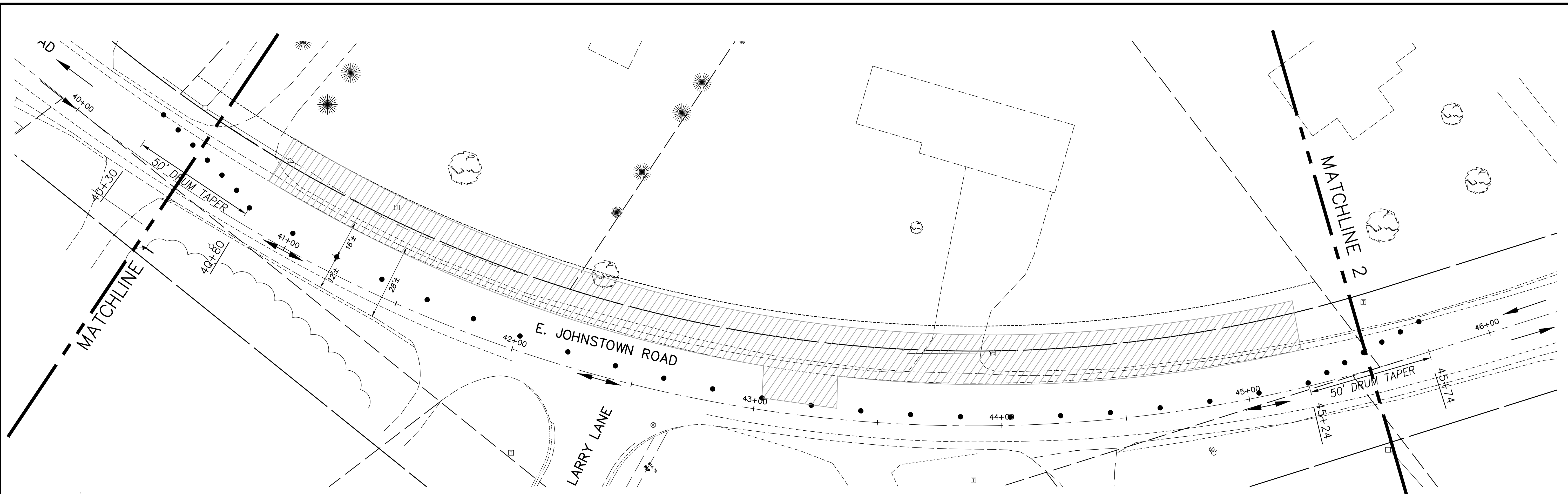


DATE:
DECEMBER 6, 2021

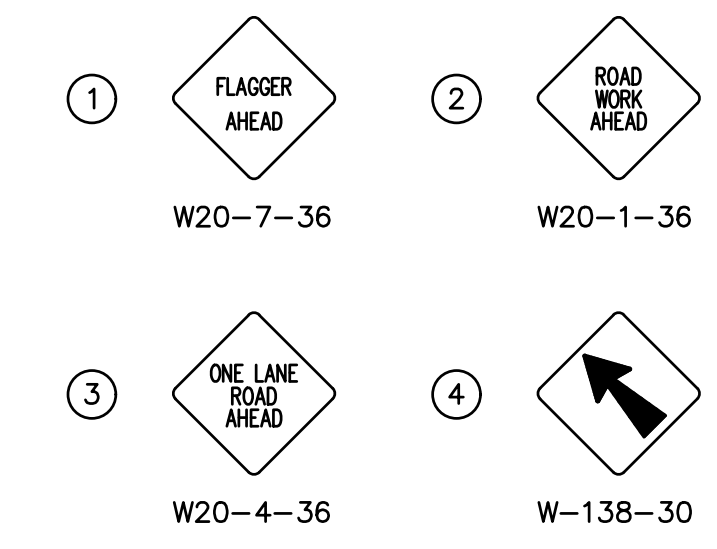
SCALE:
HORIZONTAL: 1" = 20'
VERTICAL:

IBI GROUP NO.:
133246

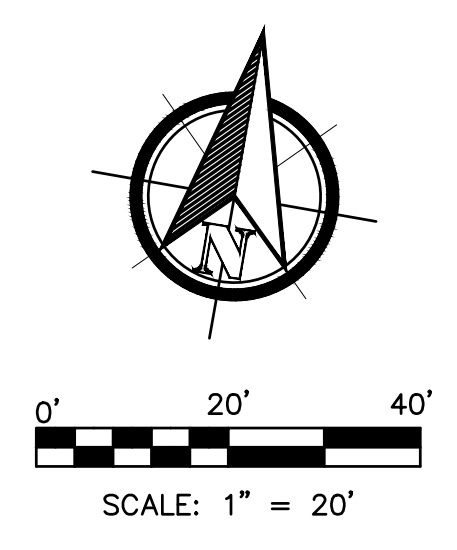
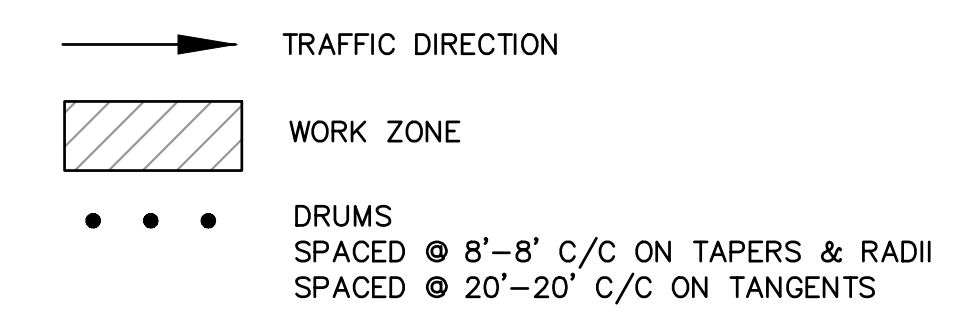
SHEET NO.:
15/19



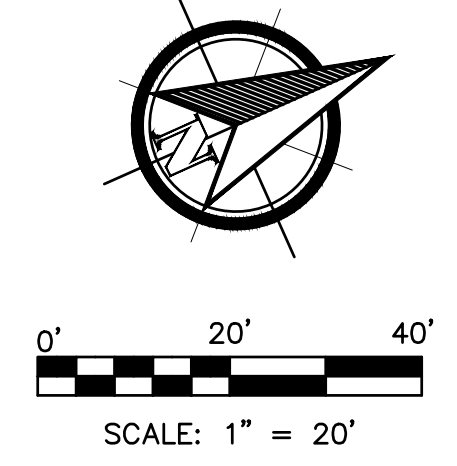
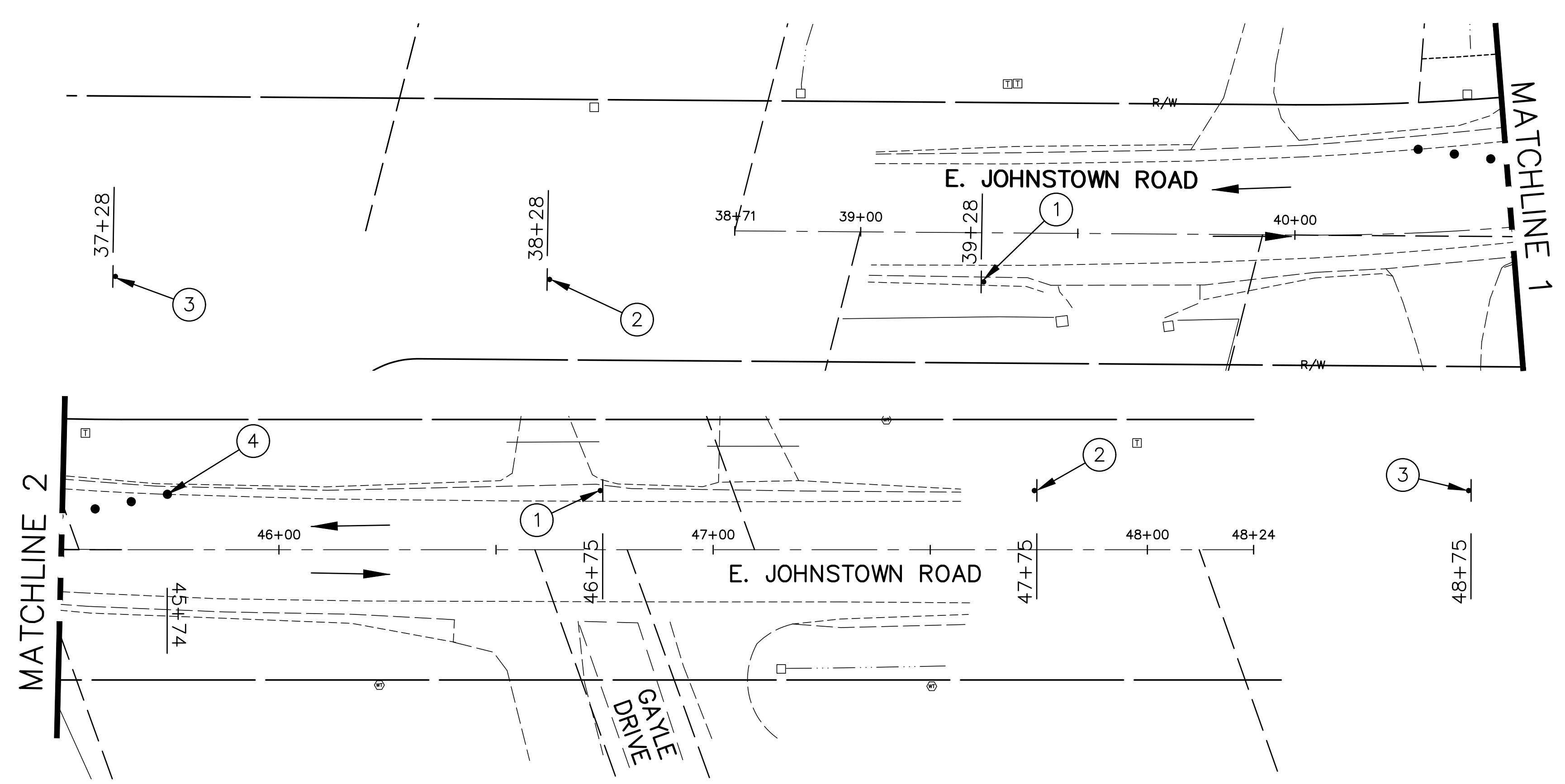
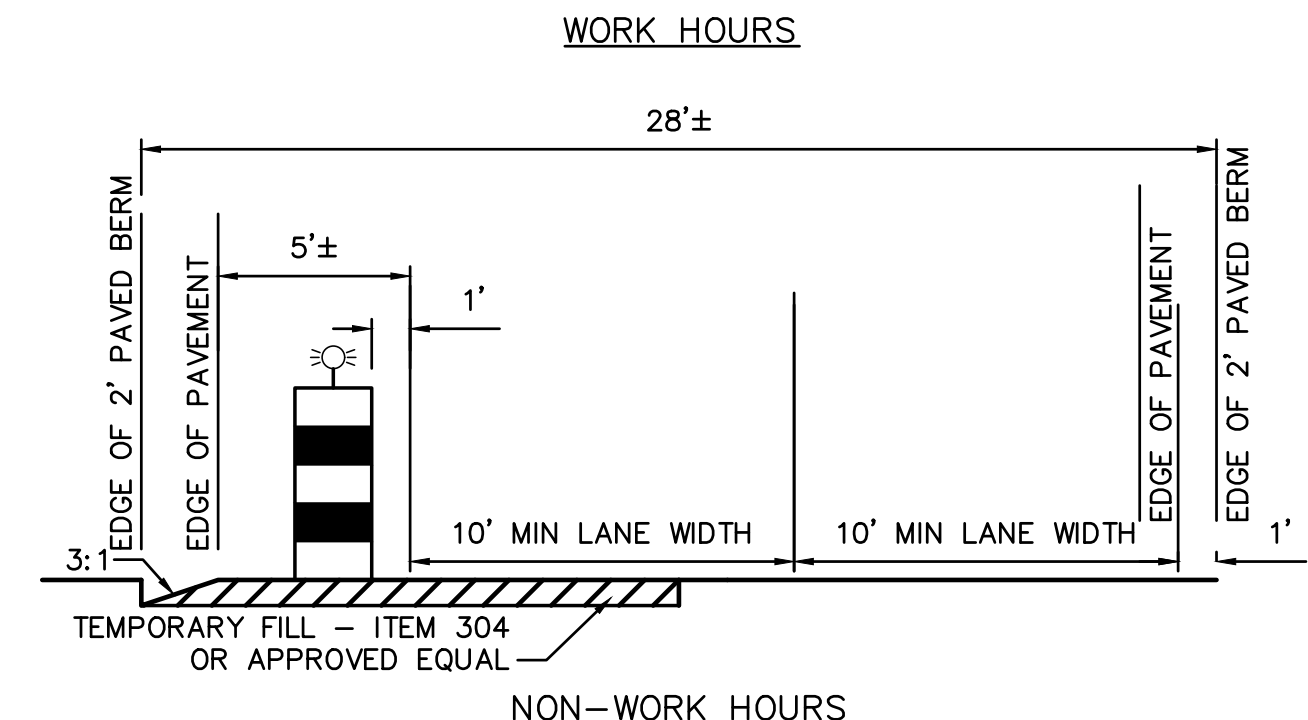
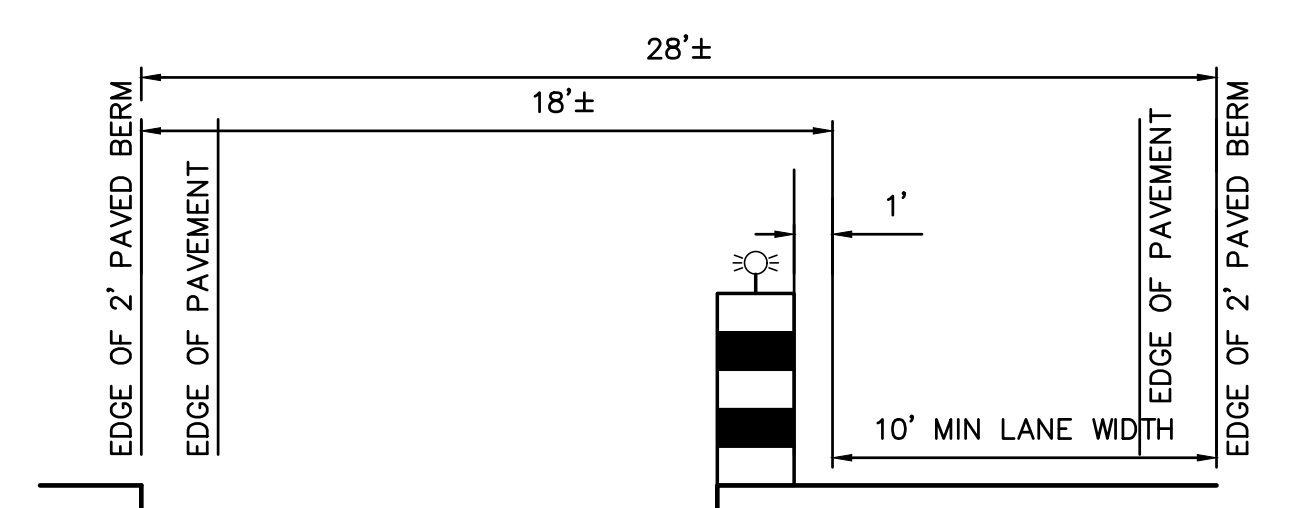
TEMPORARY SIGN LEGEND



LEGEND



NOTES:
 1. TEMPORARY TRAFFIC SIGNS ARE TO BE PLACED AS CLOSE TO THE SHOWN DESIGN STATIONING AS POSSIBLE BUT NOT TO INTERFERE WITH DRIVEWAYS AND OTHER STRUCTURES.
 2. ALL SIGNS TO BE MOUNTED ON EXISTING POLES / POSTS OR TEMPORARY DRIVE POSTS.
 3. TWO-WAY, ONE-LANE TRAFFIC MAY BE MAINTAINED DURING CONSTRUCTION OPERATIONS ON EAST JOHNSTOWN ROAD FOR A MAXIMUM OF 7 HOURS BETWEEN THE HOURS OF 8:30 AM AND 3:30 PM PER CITY OF COLUMBUS MAINTENANCE OF TRAFFIC STANDARD DRAWING 1550. TWO-WAY, TWO-LANE TRAFFIC SHALL BE MAINTAINED AT ALL OTHER TIMES.



REVISIONS:

MARK	DATE	DESCRIPTION

Gahanna

GAHANNA CAPITAL IMPROVEMENTS
 EAST JOHNSTOWN RD
 GAHANNA, OHIO

MAINTENANCE OF TRAFFIC

DEFINING THE CITIES OF TOMORROW
 8101 North High Street, Suite 100
 Columbus, OH 43235
 614-818-4900
 Fax: 614-818-4901
 www.ibigroup.com

IBI

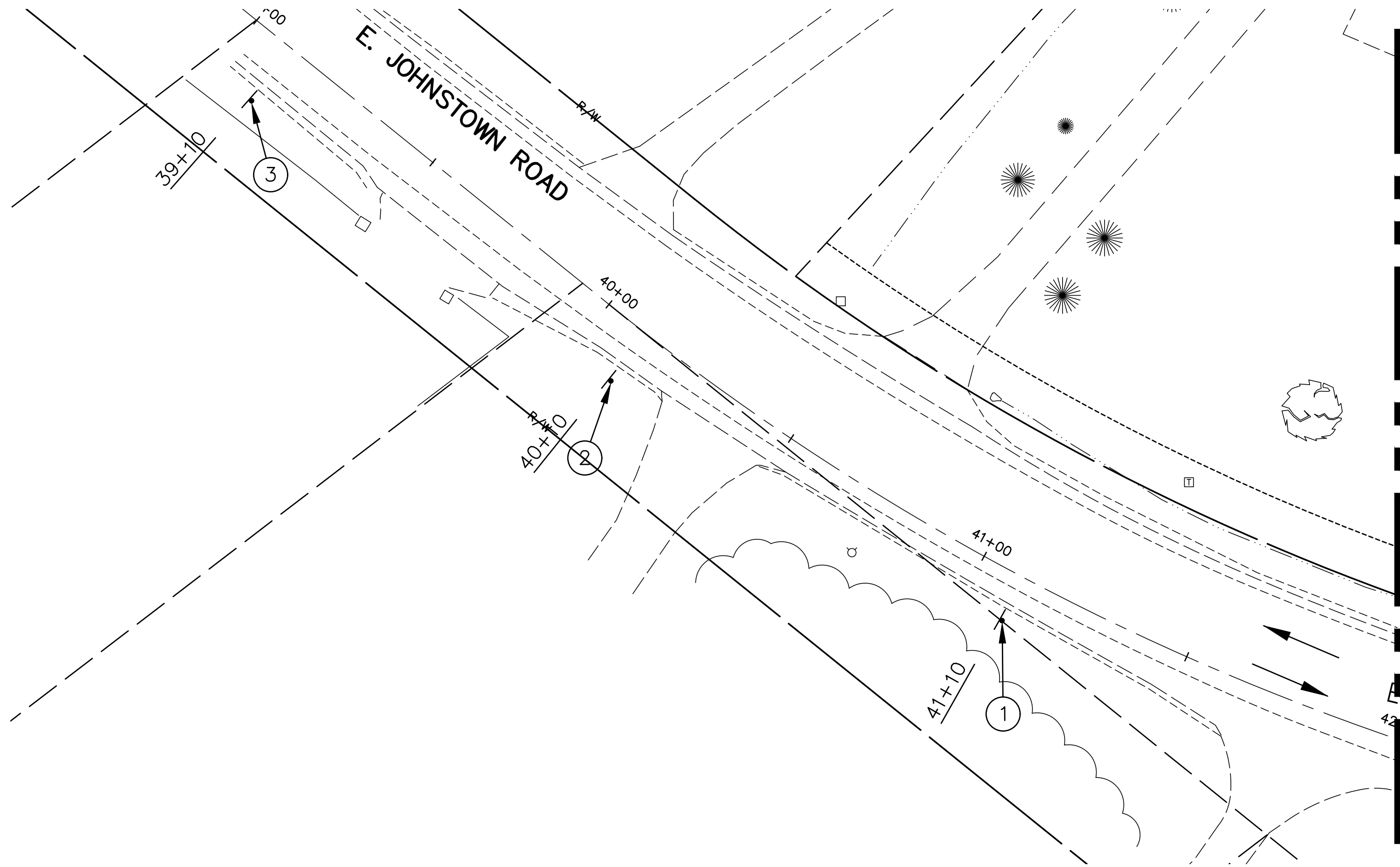
DATE: DECEMBER 6, 2021

SCALE:

IBI GROUP NO.: 133246

SHEET NO.: 16/19

ST-1078

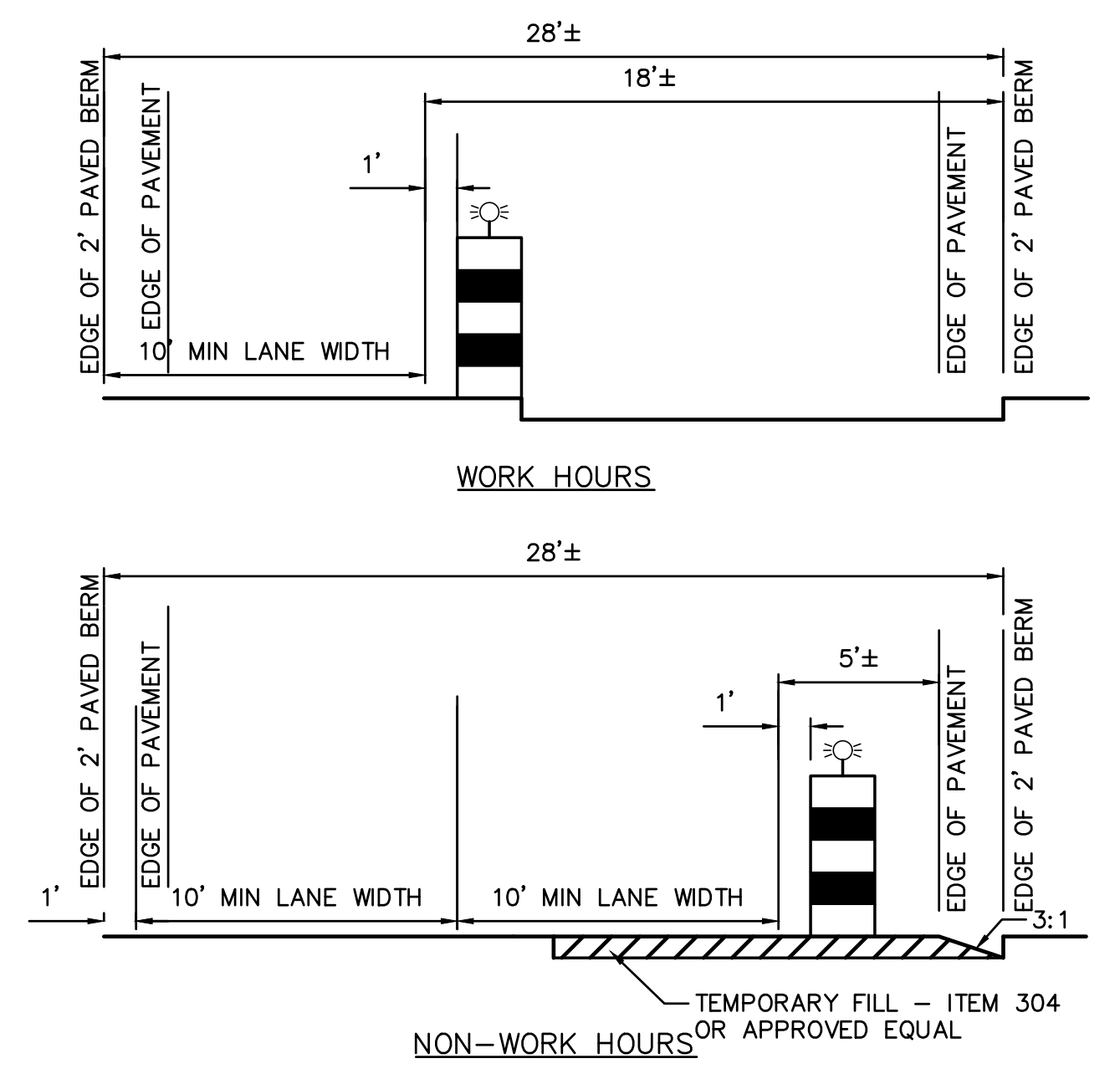
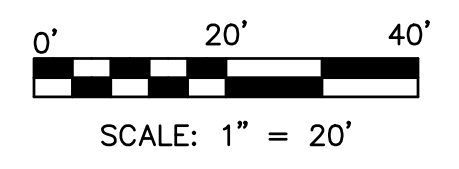
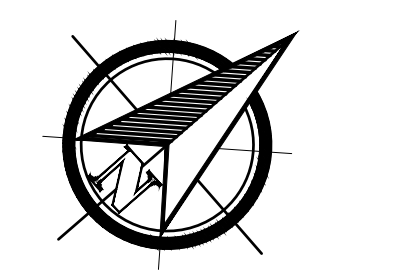


TEMPORARY SIGN LEGEND

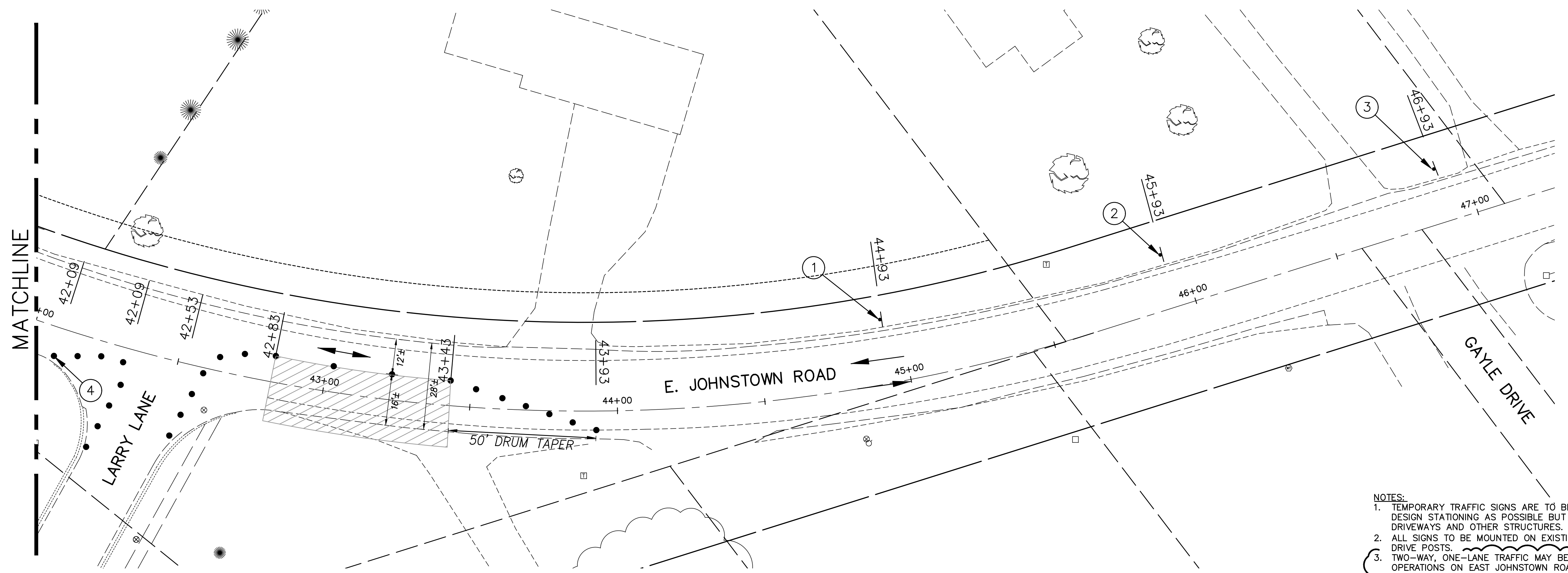
- ① FLAGGER AHEAD
W20-7-36
- ② ROAD WORK AHEAD
W20-1-36
- ③ ONE LANE ROAD AHEAD
W20-4-36
- ④ [Arrow pointing right]
W-138-30

LEGEND

- [Arrow pointing right] TRAFFIC DIRECTION
- [Hatched box] WORK ZONE
- [Dotted line] DRUMS
SPACED @ 8'-8' C/C ON TAPERS & RADII
SPACED @ 20'-20' C/C ON TANGENTS




DRUM PLACEMENT DETAIL
SCALE: 1" = 5'

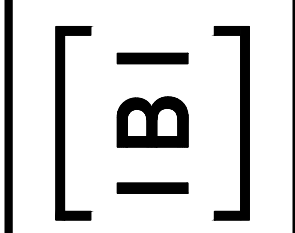


- NOTES:**
- TEMPORARY TRAFFIC SIGNS ARE TO BE PLACED AS CLOSE TO THE SHOWN DESIGN STATIONING AS POSSIBLE BUT NOT TO INTERFERE WITH DRIVEWAYS AND OTHER STRUCTURES.
 - ALL SIGNS TO BE MOUNTED ON EXISTING POLES / POSTS OR TEMPORARY DRIVE POSTS.
 - TWO-WAY, ONE-LANE TRAFFIC MAY BE MAINTAINED DURING CONSTRUCTION OPERATIONS ON EAST JOHNSTOWN ROAD FOR A MAXIMUM OF 7 HOURS BETWEEN THE HOURS OF 8:30 AM AND 3:30 PM PER CITY OF COLUMBUS MAINTENANCE OF TRAFFIC STANDARD DRAWING 1550. TWO-WAY, TWO-LANE TRAFFIC SHALL BE MAINTAINED AT ALL OTHER TIMES.

REVISIONS:	DATE:	DESCRIPTION:


Gahanna
 GAHANNA CAPITAL IMPROVEMENTS
 EAST JOHNSTOWN RD
 GAHANNA, OHIO
 MAINTENANCE OF TRAFFIC

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 OF TOMORROW
 8101 North High Street, Suite 100
 Columbus, OH 43235
 614-818-4900
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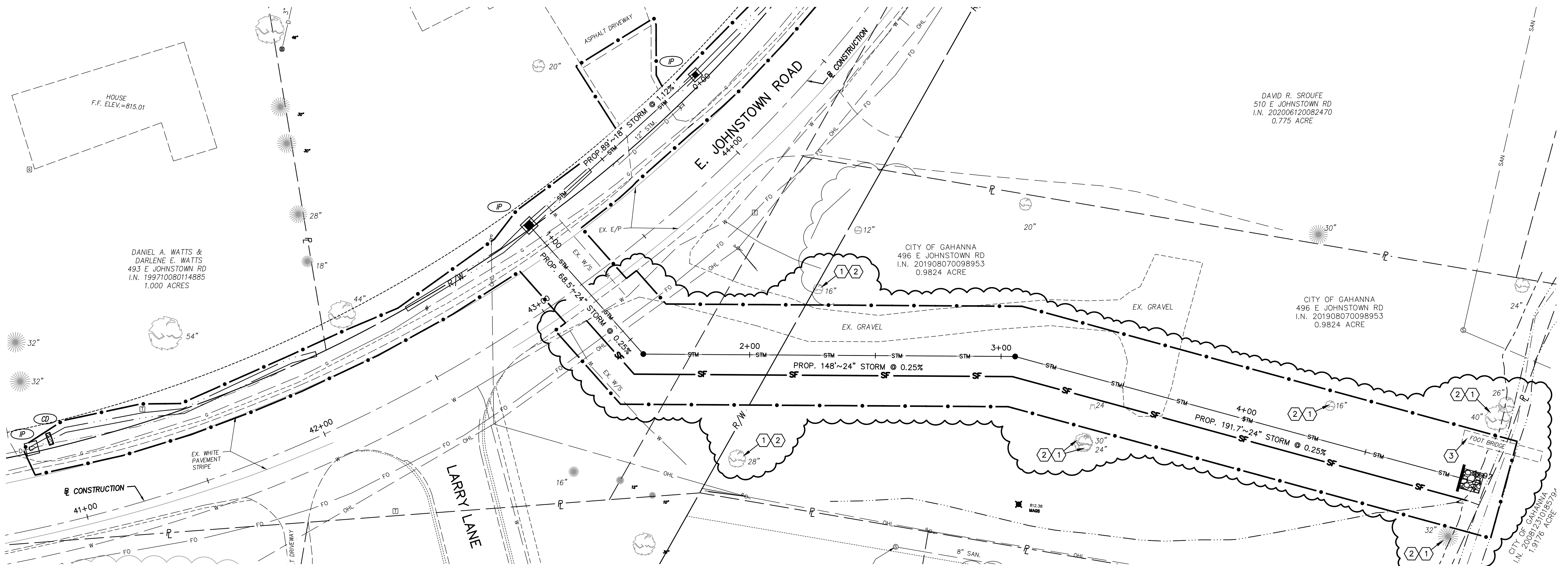
DATE:
DECEMBER 6, 2021

SCALE:

IBI GROUP NO.:
133246

SHEET NO.:

17/19



DAVID R. SROUFE
510 E JOHNSTOWN RD
I.N. 202006120082470
0.775 ACRE

DANIEL A. WATTS &
DARLENE E. WATTS
493 E JOHNSTOWN RD
I.N. 199710080114885
1.000 ACRES

CITY OF GAHANNA
496 E JOHNSTOWN RD
I.N. 201908070098953
0.9824 ACRE

CITY OF GAHANNA
496 E JOHNSTOWN RD
I.N. 201908070098953
0.9824 ACRE

CITY OF GAHANNA
I.N. 20087231018579
1.9176 ACRE

EROSION CONTROL LEGEND		
	SEDIMENT BARRIER (TYPE C SILT FENCE)	
	TEMPORARY INLET SEDIMENT TRAP (CURB INLET PROTECTION)	
	ROCK CHECK DAM	
	LIMITS OF CONSTRUCTION	

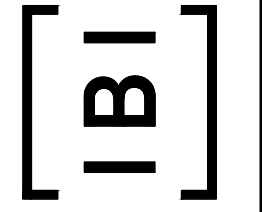
- (X) CODED NOTES (X)**
1. SAVE EXISTING TREE.
 2. CONTRACTOR IS TO INSTALL TREE PROTECTION FENCE ALONG THE DRIPLINE OF THE EXISTING TREE. NO CONSTRUCTION DISTURBANCE SHALL BE ALLOWED WITHIN THE DRIPLINE.
 3. DO NOT DISTURB EXISTING FOOT BRIDGE

MARK	DATE	DESCRIPTION



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
SWPPP

DEFINING THE FUTURES
OF TOMORROW
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Columbus, OH 43235
614-818-4900
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www.ibigroup.com



DATE:
DECEMBER 6, 2021

SCALE:
HORIZONTAL: 1"=20'
VERTICAL:

IBI GROUP NO.:
133246

SHEET NO.:

18/19

EROSION PREVENTION AND SEDIMENT CONTROL NOTES

- CONTRACTOR IS TO ADHERE TO THE OHIO EROSION & SEDIMENT CONTROL HANDBOOK; REQUIREMENTS OF THE OEPA GENERAL PERMIT, THE ODR RAINWATER AND LAND DEVELOPMENT MANUAL AND THE REQUIREMENTS OF THE CITY OF GAHANNA.
- INITIAL SEDIMENT AND EROSION CONTROL FACILITIES, AND STORM DRAINAGE FACILITIES SHALL BE CONSTRUCTED PRIOR TO ANY OTHER CONSTRUCTION.
- ALL GRADED AREAS SHALL BE STABILIZED WITH A TEMPORARY FAST GROWING COVER AND/OR MULCH, IMMEDIATELY AFTER EARTH DISTURBING ACTIVITY ENDS IN THOSE AREAS WHERE GRADING ACTIVITY HAS CEASED AND FINE GRADING WILL NOT TAKE PLACE FOR AT LEAST 14 DAYS.
- CONTRACTOR SHALL BE RESPONSIBLE DURING CONSTRUCTION FOR THE CONTINUOUS MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES AS CALLED FOR ON THE DRAWINGS AND PER NOTE 1 OF THIS SECTION.
- SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF TOP OF SILT FENCE OR CAPACITY IS REDUCED BY 50%.
- MAXIMUM EMBANKMENT SLOPES TO BE AS FOLLOWS: CUT AREA 3:1; FILL AREAS 3:1 (UNLESS NOTED OTHERWISE).
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED REPAIRED AS NEEDED AND CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- SEEDING AND FERTILIZING RATES FOR TEMPORARY SEEDING GRASS SHALL BE PER ODOT 659.
- IF FINES OR PENALTIES ARE LEVIED AGAINST THE PROPERTY OR PROPERTY OWNER BECAUSE OF LACK OF EROSION AND /OR SEDIMENT CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF SUCH FINES OR PENALTIES OR THE COSTS OF ANY FINES OR PENALTIES SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.
- TOPSOIL IS TO BE SPREAD OVER LAWN AREAS AT COMPLETION OF CONTRACT (PROVIDE 4" MINIMUM SPREAD).
- NEW FINISHED CONTOURS SHOWN ARE TOP OF PAVEMENT AND TOP OF TOPSOIL IN AREAS TO BE SEEDED.
- GRADING CONTRACTOR SHALL COOPERATE AND WORK WITH ALL OTHER CONTRACTORS PERFORMING WORK ON THIS PROJECT TO INSURE PROPER AND TIMELY COMPLETION OF THIS PROJECT.
- THE GRADING CONTRACTOR SHALL USE WHATEVER MEASURES ARE REQUIRED TO PREVENT SILT AND CONSTRUCTION DEBRIS FROM FLOWING ONTO ADJACENT PROPERTIES. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL EROSION, CONSERVATION AND SILTATION ORDINANCES. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL STRUCTURES UPON COMPLETION OF PERMANENT DRAINAGE FACILITIES AND NOT BEFORE ALL AREAS DRAINING INTO THESE STRUCTURES ARE SUFFICIENTLY STABILIZED.
- THE GRADING CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. THE CONTRACTOR SHALL CONTROL DUST BY SPRINKLING, OR BY OTHER METHODS AS DIRECTED BY THE ENGINEER AND/OR OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO OWNER.
- IN NO CASE SHALL ANY PAVED AREAS BE LESS THAN 1.00% UNLESS OTHERWISE NOTED.
- IT IS THE INTENT OF THIS PROJECT FOR THE CONTRACTOR TO VERIFY AND MATCH EXISTING CONDITIONS UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER/ARCHITECT OF ANY ITEMS THAT DO NOT EXIST AS SHOWN.
- THE CONTRACTOR SHALL REPAIR OR REPLACE IN-KIND ANY DAMAGE THAT OCCURS AS RESULT OF HIS WORK.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- NO WORK SHALL OCCUR OFFSITE ON PROPERTY OWNED BY OTHERS WITHOUT OWNER AND/OR CONTRACTOR OBTAINING WRITTEN PERMISSION TO DO SO.
- IF ONSITE SEDIMENT BYPASSES THE INSTALLED EROSION CONTROL MEASURES AND ACCUMULATES OFFSITE ON ADJACENT PROPERTIES, THE CONTRACTOR MUST CONTACT MAP ENGINEERS FOR INSTRUCTIONS CONCERNING THE APPROPRIATE METHODS FOR REMOVAL AND DISPOSAL OF THE SEDIMENT. THE CONTRACTOR MUST ALSO CONTACT THE AFFECTED ADJACENT PROPERTY OWNERS AND OBTAIN THEIR PERMISSION TO PERFORM THE REQUIRED OFFSITE WORK TO PROPERLY REMOVE AND DISPOSE OF THE SEDIMENT.
- CONTRACTOR SHALL UTILIZE PROPER DEWATERING PRACTICES FROM THE ONSITE WORK AREA WHEN DEWATERING ANY AREAS SO AS TO MINIMIZE THE ESCAPE OF SEDIMENT ONSITE. CONTRACTOR SHALL PROVIDE THE NECESSARY DETAILS AND INFORMATION TO OEPA SHOULD THIS WORK BE REQUIRED. THE CONTRACTOR MUST ALSO PROPERLY FILTER THE DISCHARGED WATER TO MINIMIZE THE ESCAPE OF SEDIMENT THROUGH USE OF FILTER SOCKS, OR OTHER APPROVED METHODS.
- ALL EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED, AND IF NECESSARY REPAIRED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS, AND WITHIN 24 HOURS AFTER EACH RAINFALL EVENT GREATER OR EQUAL TO 0.5-INCH.
- ONLY QUALIFIED PERSONNEL SHALL PERFORM THE INSPECTIONS.
- INSPECTION FREQUENCY MAY BE REDUCED TO MONTHLY FOR DORMANT SITES IF THE ENTIRE SITE IS TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WEATHER CONDITIONS FOR EXTENDED PERIODS OF TIME (FROZEN GROUND).
- INSPECTION RECORDS WILL BE KEPT FOR 3 YEARS ONCE CONSTRUCTION IS COMPLETED.

MATERIAL MANAGEMENT PRACTICES

- THE FOLLOWING ARE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCE TO STORMWATER RUNOFF
- ONLY ENOUGH PRODUCT REQUIRED FOR THE JOB WILL BE STORED ONSITE.
 - ALL MATERIALS STORED ONSITE WILL BE IN A NEAT AND ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS, AND IF POSSIBLE, UNDER ROOF OR OTHER ENCLOSURE.
 - PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABELS.
 - SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
 - ALL OF THE PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER WHENEVER POSSIBLE.
 - MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
 - THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL PRACTICES ARE FOLLOWED.

SPILL CONTROL PRACTICES

- MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
- MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE.
- ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY. ALL SPILLS REGARDLESS OF VOLUME WILL BE CALLED INTO THE LIBERTY TOWNSHIP FIRE DEPARTMENT.
- THE SPILL AREA WILL BE KEPT VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING.
- THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT A PARTICULAR TYPE OF SPILL FROM RE-OCCURRING. A DESCRIPTION OF EACH SPILL, THE CAUSE, AND CLEANUP MEASURES WILL BE INCLUDED.
- THE SITE SUPERINTENDENT, WHO IS RESPONSIBLE FOR THE DAY-TO-DAY ONSITE CONSTRUCTION OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND WILL ASSIGN OTHER PERSONNEL, WHOSE NAMES WILL BE POSTED IN THE ONSITE OFFICE TRAILER OR OTHER ACCESSIBLE PLACE SUITABLE FOR THE PURPOSE, TO RECEIVE SPILL PREVENTION AND CLEANUP TRAINING.
- IF A RELEASE CONTAINING A HAZARDOUS SUBSTANCE IN AN AMOUNT EQUAL TO OR IN EXCESS OF A REPORTING QUANTITY ESTABLISHED UNDER EITHER 40 CFR 117 OR 40 CFR 302 OCCURS DURING A 24 HOUR PERIOD, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE PERMITTEE WHO SHALL THEN DO THE FOLLOWING: NOTIFY THE NATIONAL RESPONSE CENTER (NRC) (800-424-8802) AND THE OHIO EMERGENCY MANAGEMENT AGENCY (OEMA); AS WELL AS THE LOCAL ENVIRONMENTAL ASSISTANCE CENTER. ALSO, THE SWPPP ENGINEER WILL PREPARE A REVISION OF THIS DOCUMENT TO IDENTIFY MEASURES TO PREVENT THE RE-OCCURRENCE OF SUCH RELEASES.

ADDITIONAL INSPECTION/MAINTENANCE NOTES

- INSPECTIONS WILL INCLUDE ALL DISTURBED AREAS, SEDIMENT CONTROL STRUCTURES, OUTFALL POINTS AND STREAMS LOCATED ON SITE.
- INSPECTIONS WILL BE PROPERLY DOCUMENTED ACCORDING TO THE REQUIREMENTS OF THE SWPPP.
- IF INSPECTIONS FIND THAT MAINTENANCE (I.E. FAILURE OF CONTROL OR IMPROPER INSTALLATION) IS REQUIRED, ACTION TO CORRECT MUST BE TAKEN BEFORE THE NEXT STORM EVENT BUT NO LATER THAN 7 DAYS AFTER IDENTIFICATION.
- IF THE INSPECTOR FINDS THAT CONTROLS ARE PROPERLY INSTALLED AND MAINTAINED BUT PROVIDE INADEQUATE PROTECTION, THE PROJECT ENGINEER SHALL MODIFY THE SWPPP WITHIN 7 DAYS OF IDENTIFICATION. THESE CHANGES SHALL BE IMPLEMENTED ON SITE WITHIN 14 DAYS.
- CONTRACTOR SHALL MAINTAIN A RAIN GAUGE ON SITE AND DOCUMENT DAILY RAINFALL.

NOTES

- PRE-CONSTRUCTION IMPERVIOUS ACREAGE = 0.06 AC. POST-CONSTRUCTION IMPERVIOUS ACREAGE = 0.05 AC. CHANGE IN IMPERVIOUS ACREAGE = -0.01 AC.
- ALL AREAS TO REMAIN BARE MORE THAN 14 DAYS MUST BE TEMPORARILY STABILIZED.
- PROJECT IS ABOVE THE 100 YEAR FLOOD ELEVATION AS DETERMINED BY FEMA FLOOD MAP 39041C0227K, DATED APRIL 16TH, 2009.

SOLID/SANITARY/TOXIC WASTES

- CONTAINERS SHALL BE AVAILABLE FOR DISPOSAL OF DEBRIS, TRASH, HAZARDOUS OR PETROLEUM WASTES. ALL CONTAINERS MUST BE COVERED AND LEAK-PROOF. ALL WASTE MATERIAL SHALL BE DISPOSED OF AT FACILITIES APPROVED FOR THE PERTINENT MATERIAL.
- BRICKS, HARDENING CONCRETE AND SOIL WASTE SHALL BE FREE FROM CONTAMINATION WHICH MAY LEACH CONSTITUENTS TO WATERS OF THE STATE.
- CLEAN CONSTRUCTION WASTES THAT WILL BE DISPOSED INTO THE PROPERTY SHALL BE SUBJECT TO ANY LOCAL PROHIBITIONS FROM THIS TYPE OF DISPOSAL.

- ALL CONSTRUCTION AND DEMOLITION DEBRIS (C&D) WASTE SHALL BE DISPOSED OF IN AN APPROVED C&D LANDFILL. CONSTRUCTION DEBRIS MAY BE DISPOSED OF ON-SITE, BUT DEMOLITION DEBRIS MUST BE DISPOSED IN AN APPROVED LANDFILL. ALSO, MATERIALS WHICH CONTAIN ASBESTOS MUST COMPLY WITH AIR POLLUTION REGULATIONS.
- INSTALL STORM SEWER SYSTEM
- GRADE IN DITCHES
- INSTALL ALL PAVEMENT
- AREA SHALL BE DESIGNATED BY CONTRACTOR AND SHOWN ON SWPPP MAP FOR MIXING OR STORAGE OF COMPOUNDS SUCH AS FERTILIZERS, LIME ASPHALT, OR CONCRETE. THESE DESIGNATED AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS, OR OTHER STORMWATER DRAINAGE AREA.
- EQUIPMENT FUELING & MAINTENANCE SHALL BE IN DESIGNATED AREAS ONLY.
- A SPILL PREVENTION CONTROL AND COUNTERMEASURE (SPCC) PLAN MUST BE DEVELOPED FOR SITES WITH ONE ABOVE-GROUND STORAGE TANK OF 660 GALLONS OR MORE, TOTAL ABOVE-GROUND STORAGE OF 1,330 GALLONS OR BELOW-GROUND STORAGE OF 4,200 GALLONS OF FUEL.
- ALL DESIGNATED CONCRETE WASHOUT AREAS SHALL BE LOCATED AWAY FROM WATERCOURSES, DRAINAGE DITCHES, FIELD DRAINS OR OTHER STORMWATER DRAINAGE AREAS.
- ALL CONTAMINATED SOIL MUST BE TREATED AND/OR DISPOSED IN AN APPROVED SOLID WASTE MANAGEMENT FACILITY OR HAZARDOUS WASTE TREATMENT, STORAGE OR DISPOSAL FACILITIES.
- THE CONTRACTOR SHALL CONTACT OEPA, THE LOCAL FIRE DEPARTMENT AND THE LOCAL EMERGENCY PLANNING COMMITTEE IN THE EVENT OF A PETROLEUM SPILL (>25 GALLONS) OR THE PRESENCE OF SHEEN.
- OPEN BURNING IS NOT PERMITTED ON THE SITE.
- EXPOSED LITTER, DEBRIS, CHEMICALS, ETC. SHALL BE PROPERLY STORED OR DISPOSED OF PRIOR TO ANTICIPATED STORM EVENTS.

INSPECTION/MAINTENANCE NOTES

- ALL CONTROL MEASURES STATED IN THE SWPPP SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL TEMPORARY OR PERMANENT STABILIZATION OF THE SITE IS ACHIEVED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED BY A QUALIFIED PERSON IN ACCORDANCE TO THE CONTRACT DOCUMENTS OR THE APPLICABLE PERMIT, WHICHEVER IS MORE STRINGENT, AND REPAIRED ACCORDING TO THE FOLLOWING:
 - INLET PROTECTION DEVICES AND CONTROLS SHALL BE REPAIRED OR REPLACED WHEN THEY SHOW SIGNS OF UNDERMINING AND OR DETERIORATION.
 - ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO ENSURE THAT A GOOD STANDING OF GRASS IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
 - SILT FENCES AND CHECK DAMS SHALL BE REPAIRED TO THEIR ORIGINAL CONDITION IF DAMAGED. SEDIMENT ACCUMULATION MUST BE REMOVED WHEN SEDIMENT HEIGHT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE OR CHECK DAM.
 - OUTLET STRUCTURES IN SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT MUST BE REMOVED FROM BASINS AND OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 40%.
 - MINIMIZE OFF-SITE SEDIMENT TRACING OF VEHICLES BY THE USE OF STONE MATERIAL IN ALL CONSTRUCTION ENTRANCES, ALONG WITH REGULARLY SCHEDULED SWEEPING/GOOD HOUSEKEEPING, STABILIZED CONSTRUCTION ENTRANCES TO BE PROPERLY MAINTAINED BY GENERAL CONTRACTOR AND IN GOOD WORKING ORDER AT ALL TIMES; THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE STONE AS CONDITIONS DEMAND.
 - THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE) BY GENERAL CONTRACTOR. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- CONTRACTORS AND SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING ALL SEDIMENT FROM THE SITE, INCLUDING DETENTION PONDS, AND STORM SEWER SYSTEMS. SEDIMENT DEPOSITION DURING SITE STABILIZATION MUST ALSO BE REMOVED.
- ALL RIP RAP MUST BE PLACED OVER GEOTEXTILE FILTER.
- STONE CONSTRUCTION EXIT TO BE MAINTAINED BY GENERAL CONTRACTOR UNTIL SITE HAS BEEN PAVED OR IS NO LONGER REQUIRED.

GENERAL NOTES

- ALL SLOPES GREATER THAN OR EQUAL TO 35% SHALL BE STABILIZED NO LATER THAN 7 DAYS AFTER CONSTRUCTION ACTIVITY ON THESE SLOPES HAS TEMPORARILY OR PERMANENTLY CEASED.

SEQUENCE OF CONSTRUCTION

UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROL MEASURES IN STRICT ACCORDANCE WITH THE SWPPP THROUGHOUT THE DURATION OF THE PROJECT. BOTH THE SWPPP AND THE NOC SHALL REMAIN ON FILE WITHIN THE JOB TRAILER DURING CONSTRUCTION. A COPY OF THE NOC DOCUMENTS SHALL BE POSTED ON A JOB BOARD LOCATED NEAR THE CONSTRUCTION ENTRANCE. A SIGN ON THE JOB BOARD WILL INDICATE THAT THE SWPPP IS IN THE JOB TRAILER, AND WILL INCLUDE: SITE CONTACT/OWNER, COMPANY NAME, EMAIL ADDRESS, ADDRESS, AND TELEPHONE NUMBER OF THE SITE CONTACT/OWNER.

- INSTALL EROSION CONTROL MEASURES INCLUDING DANDY BAGS AND SILT FENCE AS SHOWN ON THE SOIL EROSION PLAN. INSPECTION OF EROSION CONTROL MEASURES AS OUTLINED IN NOTES. REPAIRS AND /OR REPLACEMENTS SHALL BE MADE AS NECESSARY.
- STRIP AND STOCKPILE TOPSOIL. PRE-CONSTRUCTION VEGETATION SHALL NOT BE DISTURBED MORE THAN 14 DAYS PRIOR TO ANY EXCAVATING ACTIVITIES.

- INSTALL STORM SEWER SYSTEM
- GRADE IN DITCHES
- INSTALL ALL PAVEMENT
- REDISTRIBUTE TOPSOIL PER LANDSCAPE PLAN. ALL AREAS DISTURBED BY CONSTRUCTION THAT WILL NOT BE PAVED SHALL BE GRADED AND HAVE VEGETATION ESTABLISHED.
- REMOVE SOIL EROSION CONTROL MEASURES AFTER PERMANENT VEGETATION HAS BEEN ESTABLISHED.

NOTE: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT ALL SOIL EROSION CONTROL MEASURES ARE INSTALLED AND MAINTAINED.

EROSION AND SEDIMENT CONTROL NARRATIVE

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EXISTING SITE CONDITIONS:
THE EXISTING SITE IS A FIELD AND RESIDENCES THAT DRAINS TO A TRIBUTARY OF SYCAMORE RUN.

PROJECT DESCRIPTION:
PROPOSED WORK WILL INCLUDE ONE NEW BUILDING, PARKING, UTILITY CONSTRUCTION, AND STORM WATER MANAGEMENT.

DISTURBED AREA:
0.39 ACRES

SITE DRAINS TO:
THE SITE DRAINS EAST TOWARDS SYCAMORE RUN

RECEIVING STREAM:
SYCAMORE RUN, TRIBUTARY OF BIG WALNUT CREEK

SITE BMP'S:
FINAL LOCATIONS OF ALL SITE BMP'S INCLUDE DUMPSTER AND TOPSOIL STOCKPILES SHALL BE DETERMINED BY CONTRACTOR. IF FINAL LOCATION OF BMP'S DIFFER FROM THE LOCATIONS SHOWN, CONTRACTOR SHALL MODIFY SWPPP AND INFORM OWNER OF NEW LOCATION OF BMP'S.

ADJACENT AREAS:
ADJACENT PROPERTIES ARE RESIDENCES

SOILS:
SOILS ON SITE CONSIST OF: ELDEAN-URBAN (EmB).

EROSION AND SEDIMENT MEASURES:
PROVIDE INLET PROTECTION OF ALL NEW AND EXISTING DRAINAGE STRUCTURES INDICATED ON THIS PLAN.

ANY OFF-SITE BORROW OR SPOIL AREAS SHALL BE SUBJECT TO THE REQUIREMENTS SET FORTH BY OEPA. ALL EROSION AND SEDIMENT CONTROL MEASURES FOR OFF-SITE AREAS NOT COVERED BY A SEPARATE NOI OR SWP3 SHALL BE COORDINATED WITH OEPA.

ALL TRENCH OR EXCAVATION GROUNDWATER CONTAINING SEDIMENT MUST BE EFFECTIVELY TREATED PRIOR TO DISCHARGE INTO THE STORM SEWER SYSTEM.

REMOVAL OF STANDING MUDDY WATER FROM THE SITE SHALL BE ACCOMPLISHED WITH A PUMP/FILTER BAG COMBINATION OR SAID WATER WILL BE DIVERTED INTO EXISTING SEDIMENT CONTROL DEVICES VIA A PUMP.

USE ALL MEANS NECESSARY TO CONTROL DUST ON THE SITE AND PREVENT TRACKING SOIL OFF SITE.

TABLE # 1 - TEMPORARY STABILIZATION

ACTIVITY	SCHEDULE
ANY DISTURBED AREA WITHIN 50 FEET OF A STREAM AND NOT AT FINAL GRADE	WITHIN 2 DAYS OF THE MOST RECENT DISTURBANCE IF THAT AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
FOR ALL CONSTRUCTION ACTIVITIES, ANY DISTURBED AREA, INCLUDING SOIL STOCK PILES, THAT WILL BE DORMANT FOR MORE THAN 21 DAYS, AND NOT WITHIN 50 FEET OF A STREAM	WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA
DISTURBED AREA THAT WILL BE IDLE OVER WINTER	PRIOR TO ONSET OF WINTER WEATHER

TABLE # 2 - PERMANENT STABILIZATION

ACTIVITY	SCHEDULE
ANY AREA THAT WILL LIE DORMANT FOR 12 MONTHS OR MORE	WITHIN 7 DAYS OF THE MOST RECENT DISTURBANCE
ANY AREA AT FINAL GRADE	WITHIN 7 DAYS OF REACHING FINAL GRADE WITHIN THAT AREA
ANY AREA WITHIN 50 FEET OF A STREAM AND AT FINAL GRADE	WITHIN 2 DAYS OF REACHING FINAL GRADE
ANY AREA WITHIN 50 FEET OF A STREAM AND AT FINAL GRADE	WITHIN 2 DAYS OF REACHING FINAL GRADE

CRITICAL AREAS:
NONE

JURISDICTION:
ALL EROSION AND SEDIMENT CONTROL PRACTICES ARE SUBJECT TO FIELD MODIFICATION AT THE DISCRETION OF THE THE CITY OF GAHANNA.

RUNOFF:
THE PRE-CONSTRUCTION RUNOFF COEFFICIENT C=0.43 THE POST-CONSTRUCTION RUNOFF COEFFICIENT C=0.72

CONSTRUCTION:

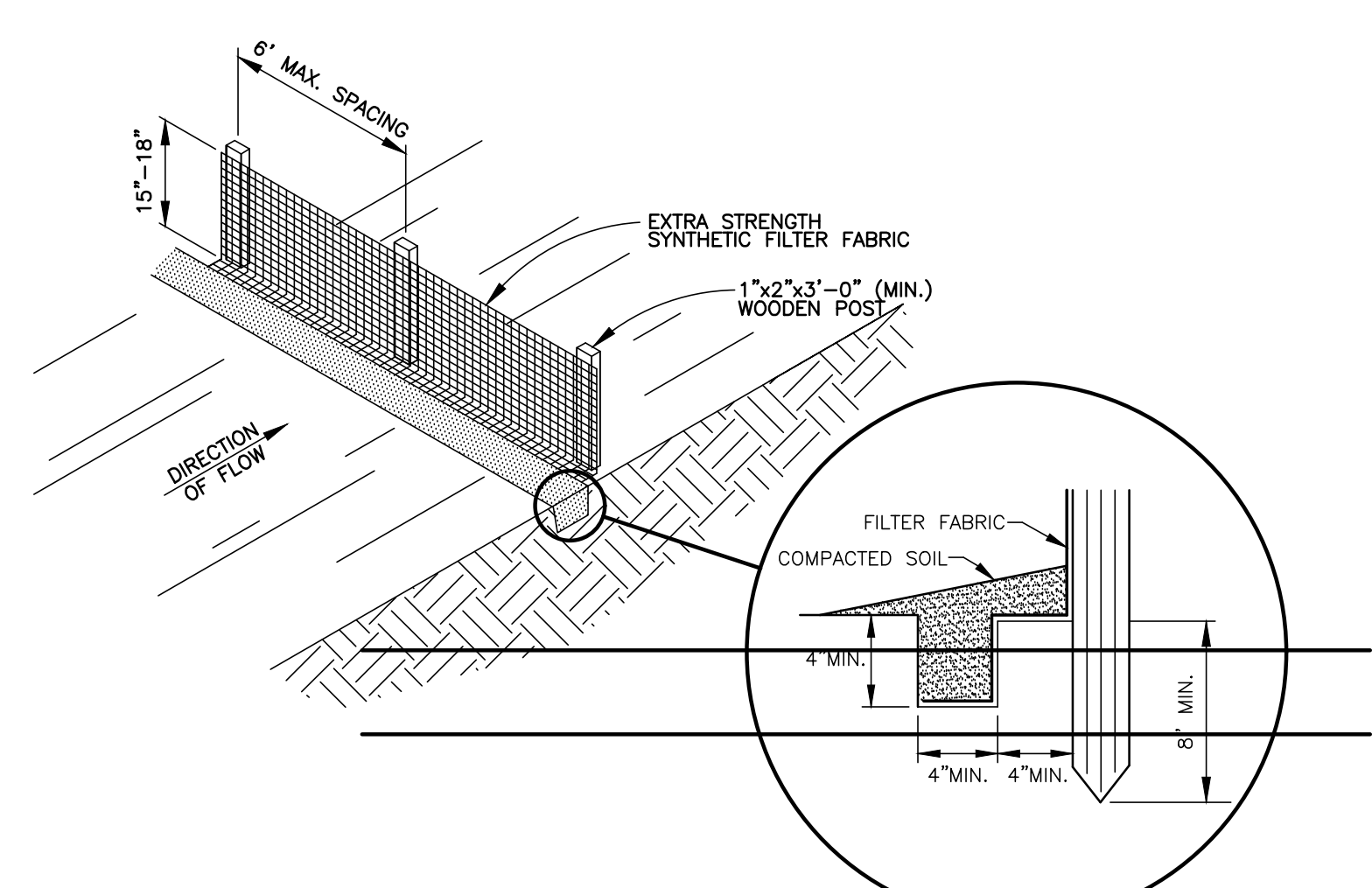
ESTIMATED START DATE: ?????
ESTIMATED COMPLETION DATE: ?????

SEEDING TYPE & RATES:

TEMPORARY -- ODOT 659, CLASS 7
PERMANENT -- ODOT 659, CLASS 1

WASTE DISPOSAL NOTES (WDM):

- CONCRETE TRUCK WASHOUT LOCATION SHALL BE IN A TEMPORARY TRUCK WASH AREA LOCATED NEAR THE CONSTRUCTION ENTRANCE (CE). WASHOUT SHALL BE CONTAINED WITH A PIT OR TRENCH WITH NO MATERIAL LEAVING THE SITE OR IMPACTING VEGETATED OR NOT-DISTURBED AREAS. DISPOSAL OF MATERIAL SHALL INCLUDE THE BREAKING OF MATERIAL INTO SMALL AMOUNTS FOR TRASH DISPOSAL OR REMOVAL FROM SITE TO AN APPROPRIATE LANDFILL AREA: 20' X 20' WASTE DISPOSAL W/ 6" #57 STONE GRAVEL PAD ENCLOSED BY SILT FENCE. WASHOUT OF CONCRETE DRUM AT SITE IS PROHIBITED.
- PAINT AND/OR OTHER CHEMICALS SHALL BE STORED IN SECURED FACILITIES WITH RESTRICTED ACCESS TO EMPLOYEES ONLY. CLEANUP AND DISPOSAL OF THIS MATERIAL SHALL BE IN ACCORDANCE WITH ALL RECOGNIZED LOCAL AND FEDERAL REQUIREMENTS. ALL DISPOSAL SHALL BE TO APPROVED OFF-SITE WASTE FACILITIES CLASSIFIED TO ACCEPT THAT MATERIAL AREA: 20' X 20' WASTE DISPOSAL AREA W/ 6" #57 STONE GRAVEL PAD, WITH ENCLOSED (LOCKABLE) STRUCTURE FOR CHEMICAL/PAINT STORAGE.
- NO PETROLEUM PRODUCTS MAY BE STORED ON SITE.
- SOLID AND CONSTRUCTION WASTE SHALL BE DISPOSED OF IN APPROPRIATE METAL DUMPSTER CONTAINERS LOCATED IN DESIGNATED AREAS ON SITE.
- SANITARY WASTE WILL BE COLLECTED IN PORTABLE UNITS LOCATED IN DESIGNATED AREAS OF SITE.
- FINAL LOCATION OF CONSTRUCTION ENTRANCE, CONSTRUCTION DUMPSTERS, CONCRETE WASHOUTS, ETC. IS TO BE DETERMINED BY THE CONTRACTOR. CONTRACTOR SHALL MODIFY THE SWP3 AND PROVIDE APPROPRIATE MEASURES BASED ON THE FINAL LOCATION.



NOTES
FILTER FABRIC SHALL BE FASTENED TO WOODEN POSTS USING 1/2" HEAVY DUTY STAPLES. FILTER FABRIC SHALL BE PLACED IN A CONTINUOUS ROLL TO MINIMIZE THE OCCURRENCE OF JOINTS. WHERE JOINTS CANNOT BE AVOIDED, FABRIC SHALL BE SPLICED TOGETHER AT SUPPORT POSTS, WITH A MINIMUM OF 6-INCH OVERLAP, AND SECURELY SEALED.

14-GAUGE WIRE FENCE REINFORCEMENT, A MINIMUM OF 18-INCHES IN HEIGHT AND HAVING A MAXIMUM MESH SPACING OF 6 INCHES, MAY BE USED AS A FENCE SUPPORT. IF THE WIRE REINFORCEMENT IS USED, STANDARD STRENGTH SYNTHETIC FILTER FABRIC MAY BE USED AND WOODEN POSTS MAY BE SPACED AT 10-FOOT INTERVALS. THE WIRE REINFORCING SHALL BE BURIED A MINIMUM OF 4 INCHES AND SHALL BE FASTENED TO THE WOODEN POSTS USING 1" HEAVY-DUTY STAPLES.

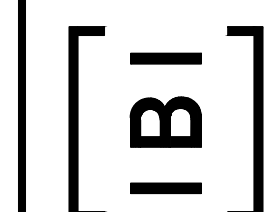
SILT FENCE (SF-C) DETAIL
NO SCALE

REVISIONS:



CITY OF GAHANNA, OHIO
DRAINAGE IMPROVEMENTS FOR
EAST JOHNSTOWN RD
SWPPP NOTES & DETAILS

DEFINING THE CITIES
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DATE:
DECEMBER 6, 2021

SCALE:
HORIZONTAL: 1"=20'
VERTICAL:

IBI GROUP NO.:
133246

SHEET NO.:

19/19