



Addendum 2

Project: **BRFP NUMBER 2324-04 – TROY SCHOOL DISTRICT 2024 SITE IMPROVEMENTS DRAINAGE PROJECTS**

Bid Due date: 11:00 AM Local Time, Tuesday, November 21, 2023 (UNCHANGED)

This Addendum is issued as modifications to the RFP previously issued to provide clarifications to the scope of work. This Addendum supersedes the original RFP. This along with the RFP becomes the bid documents.

I. General Information

1. For questions e-mail purchasingoffice@troy.k12.mi.us or through Buildingconnected.com.
2. Addendum #2 as prepared by PEA Group dated November 14, 2023.

END



1849 Pond Run
Auburn Hills, MI 48326

844.813.2949
peagroup.com

PROJECT: 2024 Troy School District Site Improvements – Drainage Projects
DATE: November 14, 2023
FROM: PEA Group
PEA JOB No.: 23-0262
PURPOSE: Addendum Number 2

The following clarifications/changes have been made to the project plans.

Sheet C-1.1:

1. Added note #14: Contractor shall provide, place and maintain temporary construction fencing around the work area, as approved by the District, to make the area safe during construction.

Sheet C-1.2:

1. Added note #14: Contractor shall provide, place and maintain temporary construction fencing around the work area, as approved by the District, to make the area safe during construction.
2. Added note #15: Contractor shall protect the existing pavement (assumed 3-inches of asphalt over 8-inches of aggregate base) during construction. In particular, from equipment and trucking in and out of the site during construction. The means and methods to be used for this protection shall be determined by the contractor and any pavement damaged during construction shall be repaired once the work has been completed and weather permitting.

Sheet C-2.3:

1. Added note #15: Contractor shall provide, place and maintain temporary construction fencing around the work area, as approved by the District, to make the area safe during construction.

Sheet C-2.3A:

1. Added note #15: Contractor shall provide, place and maintain temporary construction fencing around the work area, as approved by the District, to make the area safe during construction.

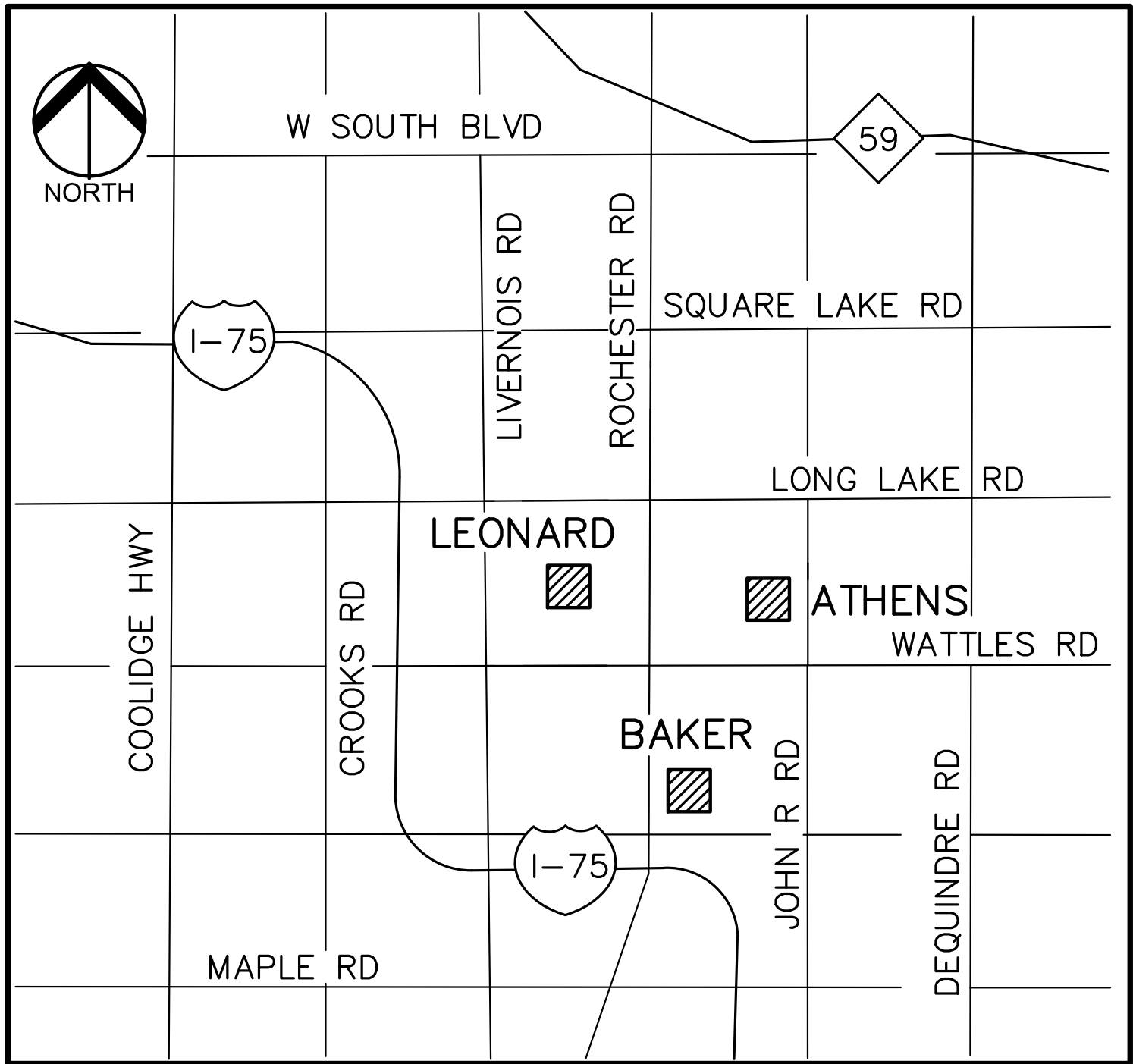
CONSTRUCTION PLANS

TSD 2024 SITE IMPROVEMENTS

DRAINAGE PROJECTS

TROY, OAKLAND COUNTY, MICHIGAN

PERMIT / APPROVAL SUMMARY		
DATE SUBMITTED	DATE APPROVED	PERMIT / APPROVAL
		CITY OF TROY ENGINEERING
		CITY OF TROY SESC



LOCATION MAP
NO SCALE

Sheet List Table	
Sheet Number	Sheet Title
C-0.0	COVER SHEET
BAKER MIDDLE SCHOOL	
C-1.1	SOUTH DRAINAGE DITCH TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.1	SOUTH DRAINAGE DITCH GRADING AND SOIL EROSION PLAN
TROY ATHENS HIGH SCHOOL	
C-1.2	TOPOGRAPHIC SURVEY AND DEMOLITION PLAN
C-2.2	GRADING AND SOIL EROSION PLAN
LEONARD ELEMENTARY SCHOOL	
C-2.3	BASE BID ENGINEERING PLAN
C-2.3A	ALTERNATE ENGINEERING PLAN
NOTES AND DETAILS	
C-3.0	NOTES AND DETAILS
C-3.1	NOTES AND DETAILS
D	CITY OF TROY STANDARD SESC DETAILS
E	CITY OF TROY STANDARD STORM DETAILS

DESIGN TEAM

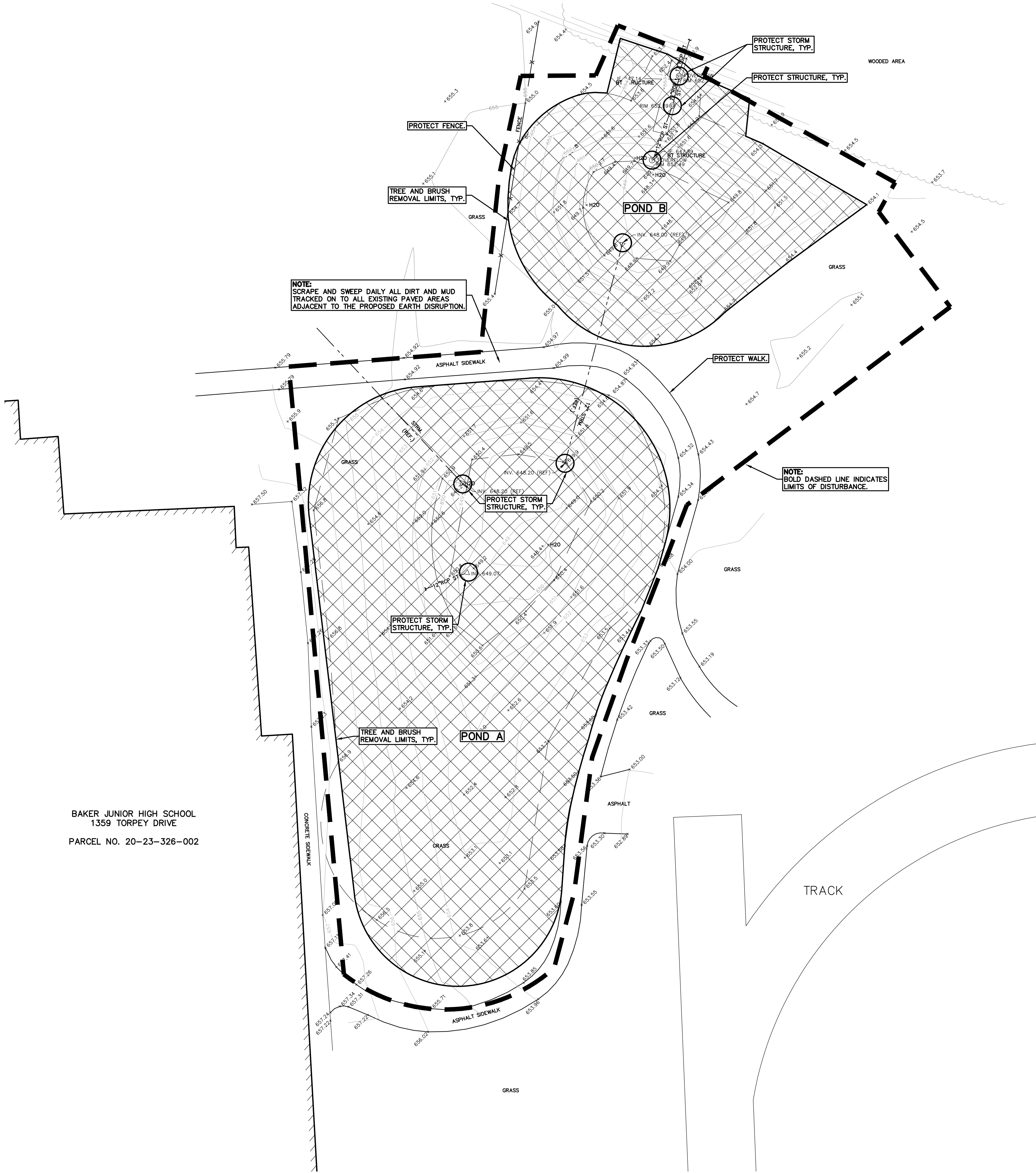
OWNER	CIVIL ENGINEER
TROY SCHOOL DISTRICT 1140 RANKIN DRIVE TROY, MI 48063 CONTACT: ROB CARSON PHONE: 248.923.4067 EMAIL: RCARSON@TROY.K12.MI.US	PEA GROUP 1849 POND RUN AUBURN HILLS, MI 48326 CONTACT: ROBERT ROCHON, P.E. PHONE: (248) 689-9090 EXT. 1161 FAX: (248) 689-1044 EMAIL: RROCHON@PEAGROUP.COM

PEA
GROUP

REVISIONS	
DESCRIPTION	DATE
ADDENDUM # 1	11/3/2023
ADDENDUM # 2	11/4/2023

S:\PROJECTS\2023\23-0262 2024 TIS SITE IMPROVEMENT PROJECTS\DWG\CONSTRUCTION-DRAINAGE IMPROVEMENTS\1_BAKER\C-1.1\TOPO-BAKER-23-0262.dwg

FLOODPLAIN NOTE:
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE "X", AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FLOOD INSURANCE RATE MAP NUMBER 26125C0553G, DATED JANUARY 16, 2009.

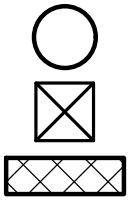


DEMOLITION QUANTITIES:
CLEAR TREES AND BRUSH 0.67 AC

NOTES:
1. CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN ON THE PLANS. ANY DEVIATIONS TO THE PLAN QUANTITIES SHALL BE BROUGHT TO THE ATTENTION OF THE SCHOOL DISTRICT AND PEA GROUP, IN WRITING PER THE BID PACKAGE, FOR VERIFICATION PRIOR TO BIDDING.

DEMOLITION LEGEND:

ITEM TO BE PROTECTED
ITEM TO BE REMOVED
TREE AND BRUSH REMOVAL



GENERAL DEMOLITION NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:

- ALL MATERIAL TO BE REMOVED, WHETHER SPECIFICALLY NOTED IN THE PLANS OR NOT, SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF OFF-SITE IN A LEGAL MANNER. NO ON-SITE BURY OR BURN PITS SHALL BE ALLOWED.
- ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES.
- STAGING/PHASING OF DEMOLITION AND CONSTRUCTION IS TO BE COORDINATED WITH THE OWNER AND THE CONTRACTOR PRIOR TO CONSTRUCTION.
- SPECIFIC DEMOLITION ITEMS HAVE BEEN INDICATED ON THE PLANS AS A GUIDE TO THE GENERAL SCOPE OF THE WORK. IT IS THE INTENT THAT THESE ITEMS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR ABOVE AND BELOW GROUND, UNLESS SPECIFICALLY NOTED OTHERWISE, AND THAT DEMOLITION WILL INCLUDE BUT WILL NOT NECESSARILY BE LIMITED TO THESE ITEMS. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS AND EXTENTS OF THE DEMOLITION THAT WILL BE REQUIRED PRIOR TO SUBMITTING A BID.
- REMOVE ALL STRUCTURES DESIGNATED FOR REMOVAL ACCORDING TO THE DEMOLITION PLAN. THIS INCLUDES FOUNDATIONS, FOOTINGS, FOUNDATION WALLS, FLOOR SLABS, UNDERGROUND UTILITIES, CONCRETE, ASPHALT, TREES, ETC.
- THE CONTRACTOR SHALL, AS A MINIMUM, PROVIDE TREE PROTECTION FENCING AROUND EXISTING TREES TO BE SAVED THAT ARE WITHIN 15 FEET OF CONSTRUCTION ACTIVITIES AND AS INDICATED IN THE PLANS OR PER LOCAL AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP, NOISE, DUST CONTROL, STREET SWEEPING AND HOURS OF OPERATION IN ACCORDANCE WITH THE LOCAL CODES.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, MARKINGS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES TO PROTECT THE WORK ZONE AND SAFELY MAINTAIN TRAFFIC PER AGENCY REQUIREMENTS AND IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO CONFIRM THAT UTILITY LEADS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO DEMOLITION.
- ALL BUILDING GAS LEADS, METERS AND ASSOCIATED EQUIPMENT SHALL BE REMOVED AS SHOWN ON THE PLANS. COORDINATE ALL ASSOCIATED WORK WITH THE APPROPRIATE UTILITY COMPANY.
- REMOVE ALL OVERHEAD AND UNDERGROUND ELECTRICAL LINES WITHIN THE AREA OF CONSTRUCTION AS SHOWN ON THE PLANS. COORDINATE SHUTDOWNS AND REMOVALS WITH ELECTRICAL SERVICE PROVIDER OR THE APPROPRIATE UTILITY COMPANY. (NOTE: PHONE AND CABLE T.V. SERVICES MAY ALSO BE LOCATED ON OVERHEAD LINES.)
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- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE 811/ONE CALL UTILITY LOCATING CENTER, THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE, PLACE AND MAINTAIN TEMPORARY CONSTRUCTION FENCING AROUND THE WORK AREA, AS APPROVED BY THE DISTRICT, TO MAKE THE AREA SAFE DURING CONSTRUCTION.

PEA GROUP

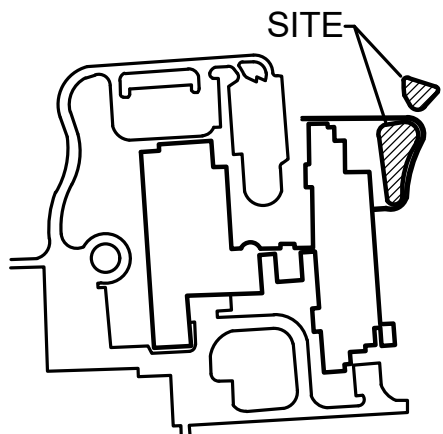
t: 844.813.2949
www.peagroup.com



0 10 20 40
SCALE: 1" = 20'



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CLIENT

TROY SCHOOLS
1140 RANKIN DRIVE
TROY, MI 48063

PROJECT TITLE

BAKER MIDDLE SCHOOL
1399 TORPEY DRIVE, TROY, MI

REVISIONS

ADDENDUM #1 : 11-3-23
ADDENDUM #1 : 11-14-23

ORIGINAL ISSUE DATE:
OCTOBER 31, 2023

DRAWING TITLE
TOPOGRAPHIC SURVEY AND DEMOLITION PLAN

PEA JOB NO. 2023-0262

P.M. JRW

DN. JRW

DES. JRW

DRAWING NUMBER:

C-1.1

S:\PROJECTS\2023\2-1-2022-2024-205 SITE IMPROVEMENT PROJECT\DWG\CONSTRUCTION-CHANNAZE IMPROVEMENTS\2-ATHENS(C)-1-22DMD-TOPO-ATHENS-23-0262.dwg

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- CONTRACTOR SHALL PROTECT EXISTING PAVEMENT (ASSUMED 3 INCHES OF ASPHALT OVER 8 INCHES OR AGGREGATE BASE) DURING CONSTRUCTION. IN PARTICULAR, FROM EQUIPMENT AND TRUCKING IN AND OUT OF THE SITE DURING CONSTRUCTION. THE MEANS AND METHODS TO BE USED FOR THIS PROTECTION SHALL BE DETERMINED BY THE CONTRACTOR AND ANY PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED ONCE THE WORK HAS BEEN COMPLETED AND WEATHER PERMITTING.

ATHENS HIGH SCHOOL
4333 JOHN R ROAD

CONTRACTOR TO USE EXISTING GATE FOR ACCESS TO WORK AREA. IF ADDITIONAL AREAS ARE NEEDED FOR ACCESS THEN CONTRACTOR IS TO GET PERMISSION FROM THE DISTRICT IN ADVANCE AND RESTORE FENCING TO ORIGINAL CONDITION OR BETTER

NOTES:

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DEMOLITION QUANTITIES:

CLEAR TREES AND BRUSH 1.09 AC

-OH-ELEC-W-O-	EX. OH. ELEC. POLE & GUY WIRE
-UG-CATV-T-	EX. U.G. CABLE TV & PEDESTAL
-UG-COMM-M-O-	EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE
-UG-ELEC-E-E-	EX. U.G. ELEC. MANHOLE & METER
- - - - -	EX. GAS LINE
⊙ ⊗	EX. GAS VALVE & GAS LINE MARKER
⊠ ⊠	EX. TRANSFORMER & IRRIGATION VALVE
- - - - -	EX. WATER MAIN
⊙ ⊙	EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE
⊙ ⊙	EX. WATER VALVE BOX & SHUTOFF
⊙ ⊙	EX. SANITARY SEWER
⊙ ⊙	EX. SANITARY CLEANOUT & MANHOLE
⊙ ⊙	EX. COMBINED SEWER MANHOLE
- - - - -	EX. STORM SEWER
⊙ ⊙	EX. CLEANOUT, MANHOLE & CULVERT
⊙ ⊙	EX. SQUARE, ROUND & BEEHIVE CATCH BASIN
⊙ ⊙	EX. YARD DRAIN, ROOF DRAIN & DOWNSPOUT
⊙ ⊙	EX. UNIDENTIFIED STRUCTURE
⊙ ⊙	EX. MAILBOX, SIGN & GUARD POST
⊙ ⊙	EX. LIGHT POLE & YARD LIGHT
⊙ ⊙	EX. FENCE
⊙ ⊙	EX. GUARD RAIL
⊙ ⊙	EX. DEC. TREE, CONIFEROUS TREE & SHRUB
⊙ ⊙	EX. TREE TAG, & TREE LINE
⊙ ⊙	EX. SPOT ELEVATION
⊙ ⊙	EX. CONTOUR
⊙ ⊙	EX. WETLAND
⊙ ⊙	IRON FOUND / SET
⊙ ⊙	NAIL FOUND / NAIL & CAP SET
⊙ ⊙	BRASS PLUG SET
⊙ ⊙	MONUMENT FOUND / SET
(R) (M) (C)	SECTION CORNER FOUND
	RECORDED / MEASURED / CALCULATED

REFERENCE DRAWINGS:

PEA JOB NO. 2023-0174 & 2022-1281

BENCHMARKS:

(GPS DERIVED - NAVD83)

BM #302
ARROW ON DIMPLE ON A HYDRANT LOCATED ON THE NORTH SIDE OF DRIVE, APPROX. 680' WEST FROM THE CENTERLINE OF JOHN R ROAD & APPROX. 720' EAST FROM THE TENNIS COURTS.
ELEV. - 655.46

DEMOLITION LEGEND:

ITEM TO BE PROTECTED

ITEM TO BE REMOVED

TREE AND BRUSH REMOVAL

PEA
GROUP

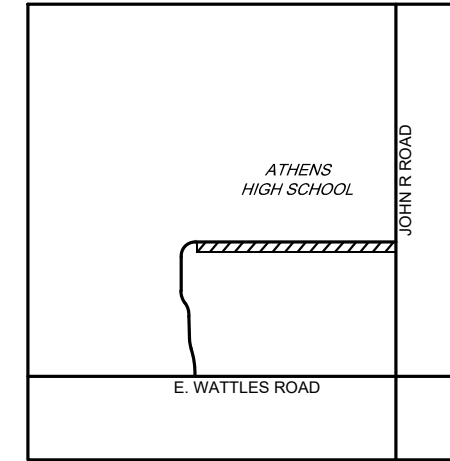
t: 844.813.2949
www.peagroup.com



0 15 30 60
SCALE: 1" = 30'



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CLIENT

TROY SCHOOLS
1140 RANKIN DRIVE
TROY, MI 48063

PROJECT TITLE

ATHENS HIGH SCHOOL
4333 JOHN R ROAD
CITY OF TROY, OKLAHOMA COUNTY, MICHIGAN

REVISIONS

ADDENDUM #1: 11-3-23

ADDENDUM #1: 11-14-23

ORIGINAL ISSUE DATE:
OCTOBER 31, 2023

DRAWING TITLE

**TOPOGRAPHIC
SURVEY AND
DEMOLITION
PLAN**

PEA JOB NO. 2023-0262

P.M. RR

DN. JRW

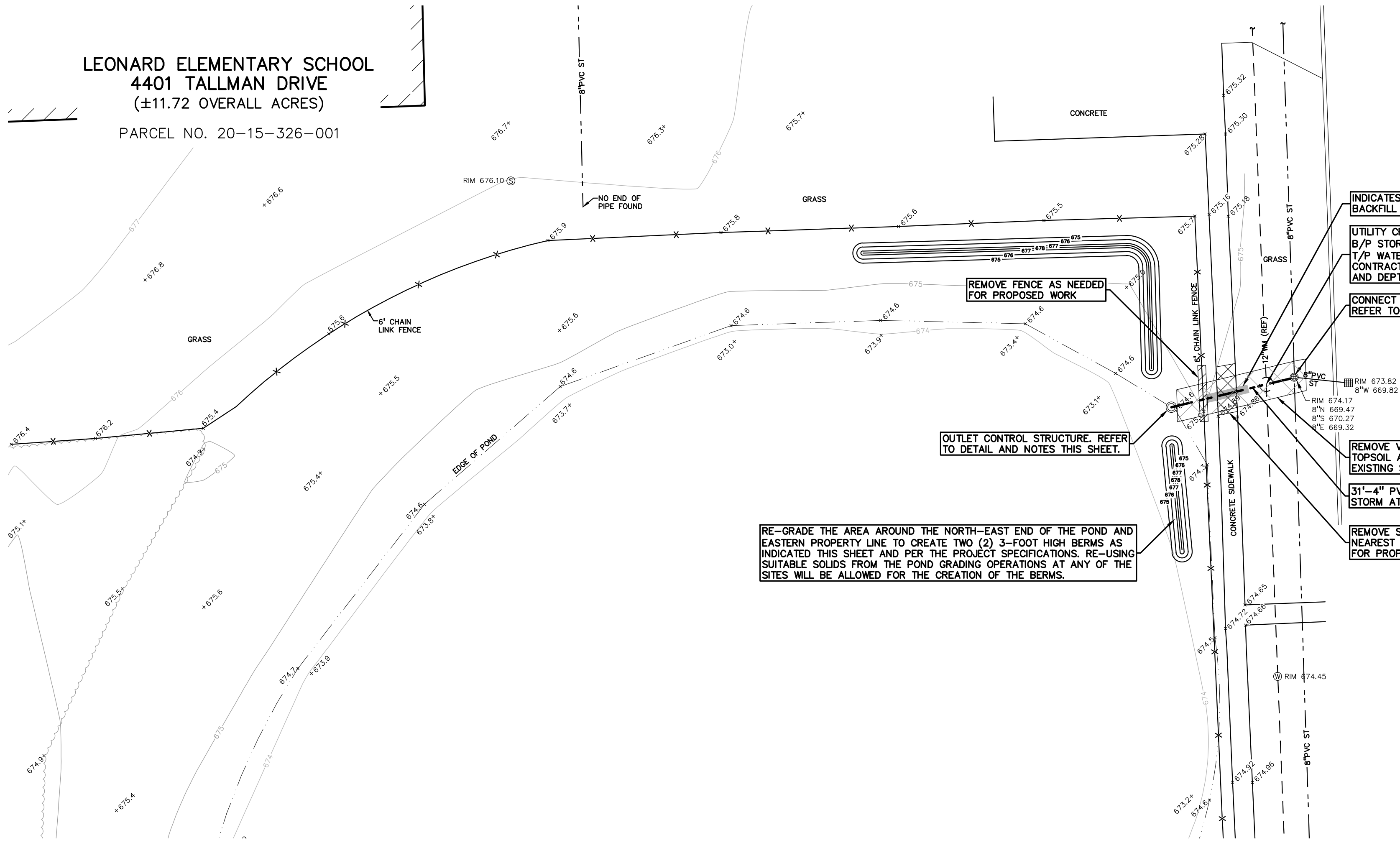
DES. JRW

DRAWING NUMBER:

C-1.2

\\pea\new\projects\2023\23-0582 2024 TSD SITE IMPROVEMENT PROJECTS\LAND CONSTRUCTION-GRAVANCE IMPROVEMENTS\LEONARD\C-2.3DGNR-LEONARD 23-0582.dwg

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DEMOLITION LEGEND:	
ITEM TO BE PROTECTED	
ITEM TO BE REMOVED	
CURB/FENCE REMOVAL	
CONCRETE PAVEMENT AND SIDEWALK REMOVAL	
AREA OR ITEMS TO BE REMOVED	
UTILITY REMOVAL	
ABANDON UTILITY	
ASPHALT REMOVAL	
TREE REMOVAL	

PROPOSED LEGEND:	
STORM SEWER	
BERM CONTOUR	
STORM SEWER OUTLET CONTROL	

LEGEND:	
	EX. OH. ELEC. POLE & GUY WIRE
	EX. U.G. CABLE TV & PEDESTAL
	EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE
	EX. U.G. ELEC. MANHOLE, METER & HANDHOLE
	EX. GAS LINE
	EX. GAS VALVE & GAS LINE MARKER
	EX. TRANSFORMER & IRRIGATION VALVE
	EX. WATER MAIN
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	EX. FENCE
	EX. GUARD RAIL
	EX. SPOT ELEVATION
	EX. CONTOUR
	EX. WETLAND
	IRON FOUND / SET
	NAIL FOUND / NAIL & CAP SET
	BRASS PLUG SET
	MONUMENT FOUND / SET
	SECTION CORNER FOUND
	RECORDED / MEASURED / CALCULATED

REFERENCE DRAWINGS:
TOPOGRAPHIC SURVEY, LEONARD ELEMENTARY SCHOOL, PEA JOB NO. 20221281, DATED NOVEMBER 10, 2022
TOPOGRAPHIC SURVEY, LEONARD ELEMENTARY SCHOOL, PEA JOB NO. 2021-0584

GENERAL DEMOLITION NOTES:

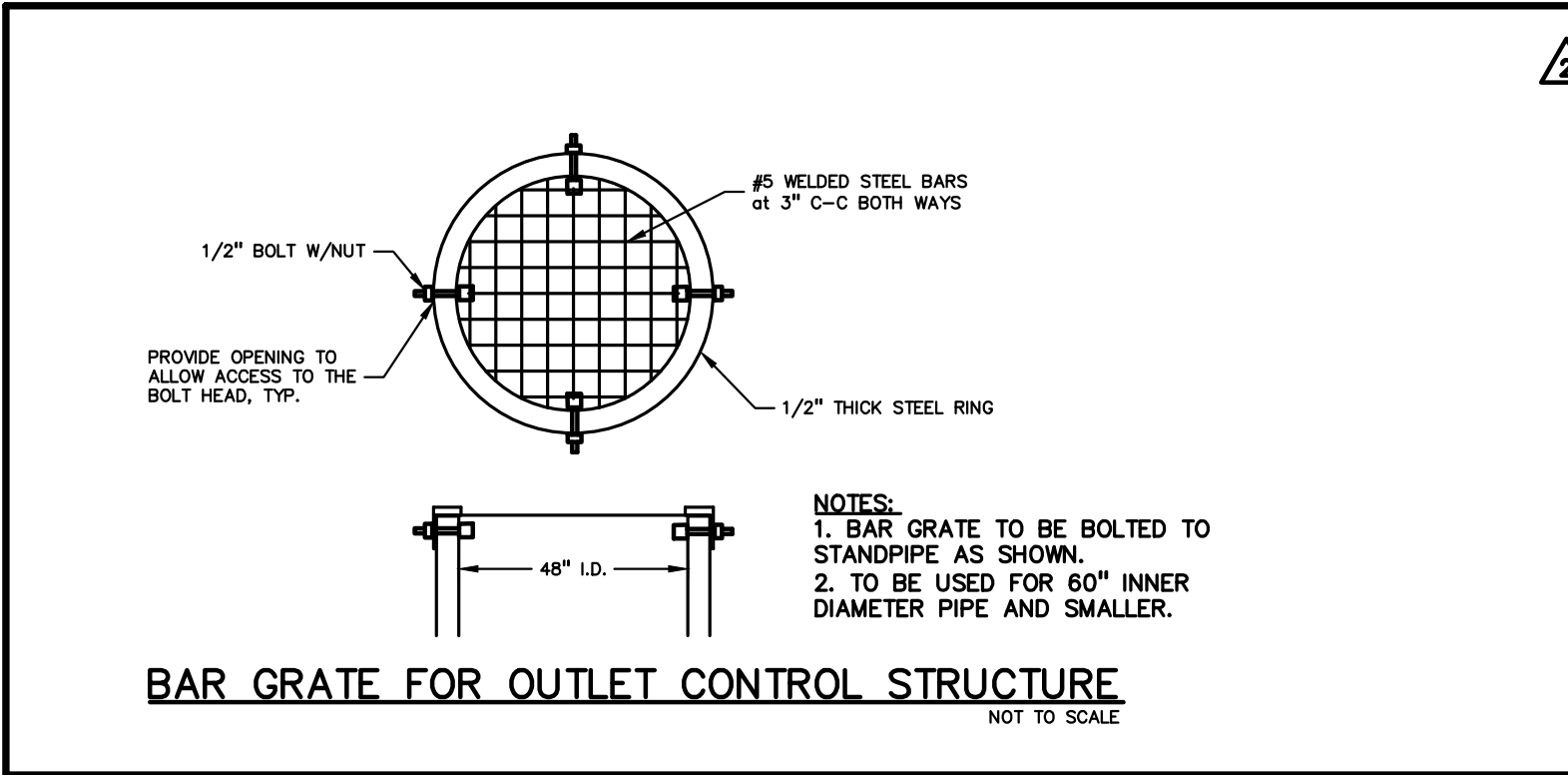
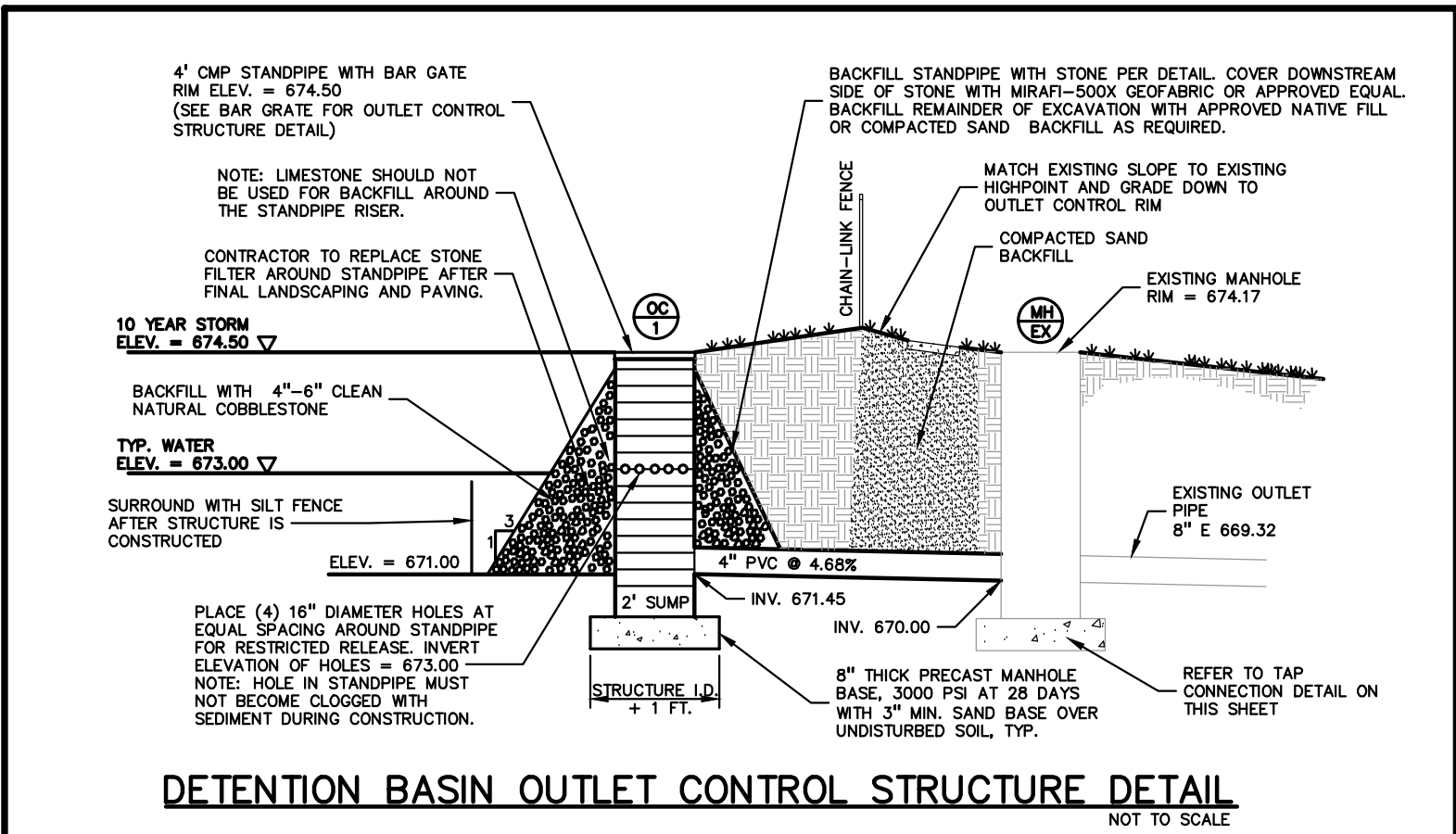
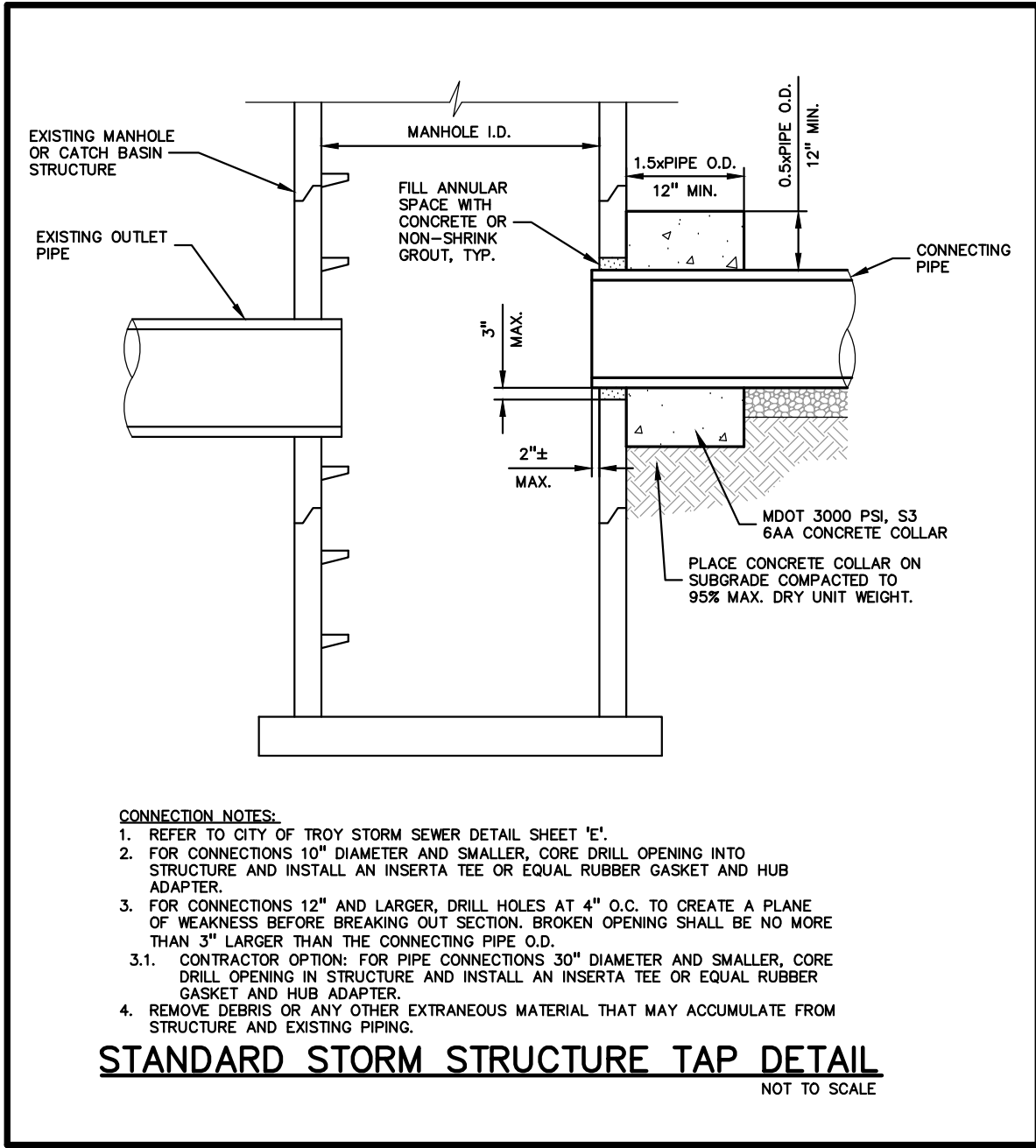
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- REFER TO SHEET D FOR TREE PROTECTION DETAILS.
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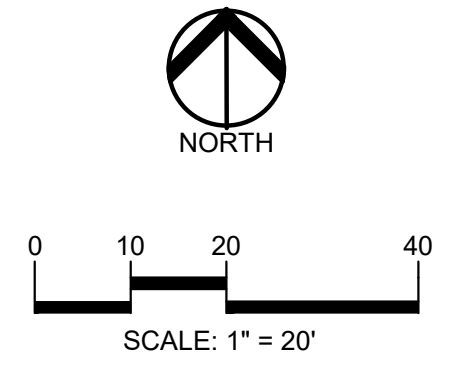
OUTLET CONTROL STRUCTURE NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:

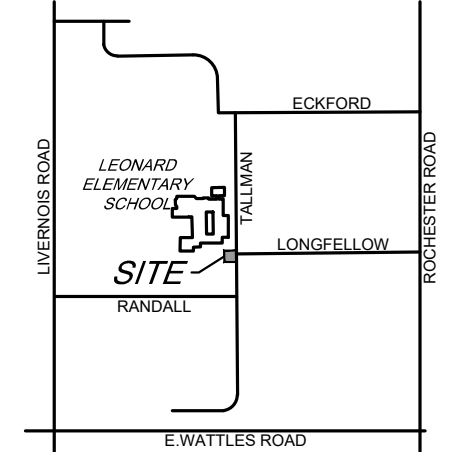
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PEA GROUP
t: 844.813.2949
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CLIENT
TROY SCHOOLS
1140 RANKIN DRIVE
TROY, MI 48063

PROJECT TITLE
LEONARD ELEMENTARY SCHOOL
4401 TALLMAN DRIVE
CITY OF TROY, OAKLAND COUNTY, MICHIGAN

REVISIONS	
ADDENDUM #1	11-3-23
ADDENDUM #1	11-14-23

ORIGINAL ISSUE DATE:
OCTOBER 31, 2023

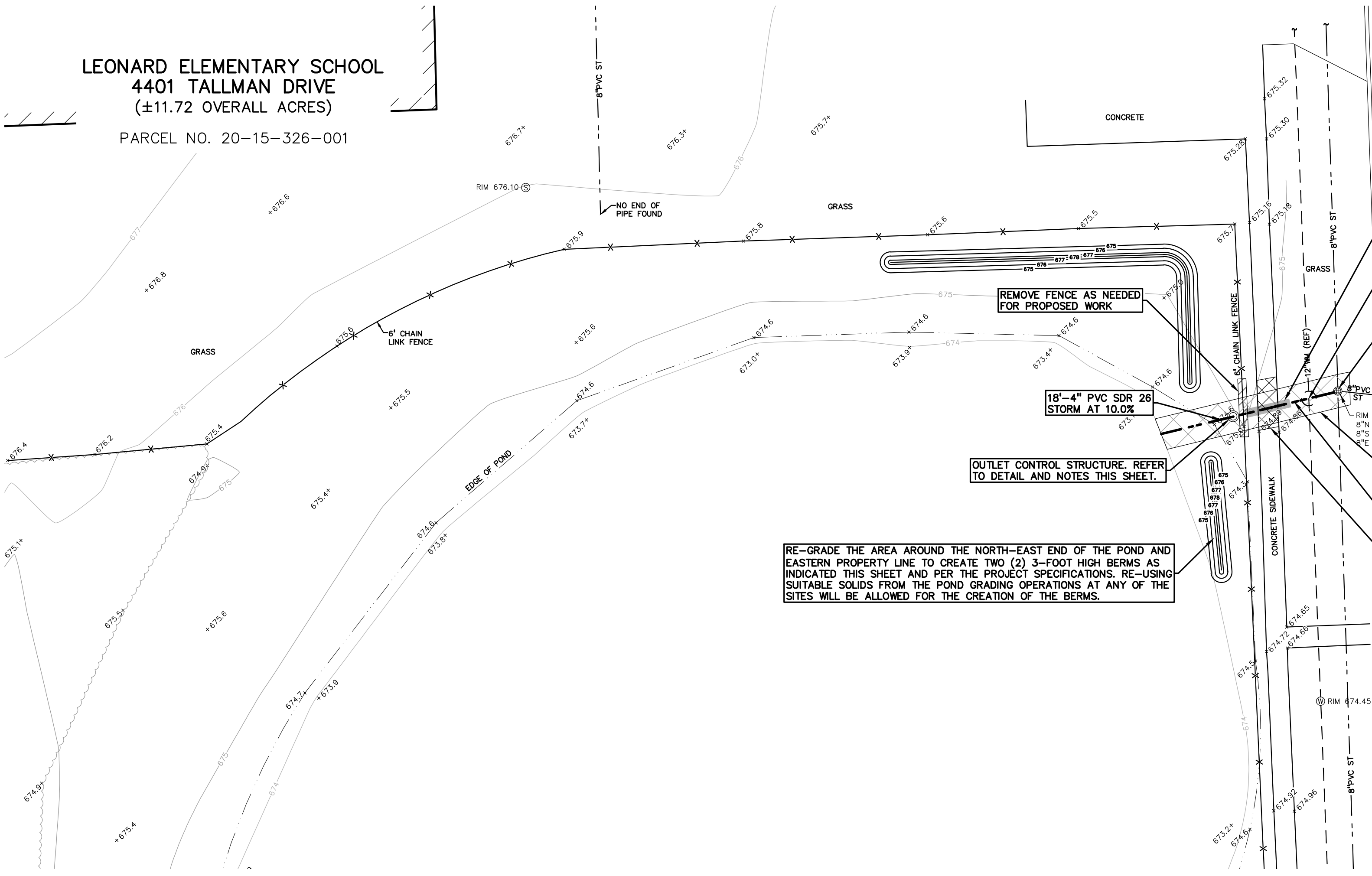
DRAWING TITLE
**BASE BID
ENGINEERING
PLAN**

PEA JOB NO. 2023-0262
P.M. RR
DN. JRW
DES. JRW
DRAWING NUMBER:

C-2.3

\\pea\proj\projects\2023\23-0262 2024 TSD SITE IMPROVEMENT PROJECTS\LAND CONSTRUCTION\DRAWING IMPROVEMENTS\LEONARD\VC-2.3A-DWG-LEONARD 23-0262.dwg

FLOODPLAIN NOTE:
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE "X", AN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN, PER FLOOD INSURANCE RATE MAP NUMBER 26125C0553G, DATED JANUARY 16, 2009.



DEMOLITION LEGEND:	
ITEM TO BE PROTECTED	
ITEM TO BE REMOVED	
CURB/FENCE REMOVAL	
CONCRETE PAVEMENT AND SIDEWALK REMOVAL	
AREA OR ITEMS TO BE REMOVED	
UTILITY REMOVAL	
ABANDON UTILITY	
ASPHALT REMOVAL	
TREE REMOVAL	

PROPOSED LEGEND:	
STORM SEWER	
BERM CONTOUR	
STORM SEWER OUTLET CONTROL	

LEGEND:	
-OH-ELEC--<	EX. OH. ELEC. POLE & GUY WIRE
-UG-CATV--	EX. U.G. CABLE TV & PEDESTAL
-UG-COMM--	EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE
-UG-ELEC--	EX. U.G. ELEC. MANHOLE, METER & HANDHOLE
- - -	EX. GAS LINE
	EX. GAS VALVE & GAS LINE MARKER
	EX. TRANSFORMER & IRRIGATION VALVE
- - -	EX. WATER MAIN
	EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE
	EX. WATER VALVE BOX & SHUTOFF
	EX. SANITARY SEWER
	EX. SANITARY CLEANOUT & MANHOLE
	EX. COMBINED SEWER MANHOLE
- - -	EX. STORM SEWER
	EX. CLEANOUT & MANHOLE
	EX. SQUARE, ROUND, & BEEHIVE CATCH BASIN
	EX. YARD DRAIN & ROOF DRAIN
	EX. UNIDENTIFIED STRUCTURE
	EX. MAILBOX, SIGN & LIGHTPOLE
- - -	EX. FENCE
	EX. GUARD RAIL
	EX. SPOT ELEVATION
	EX. CONTOUR
	EX. WETLAND
	IRON FOUND / SET
	NAIL FOUND / NAIL & CAP SET
	BRASS PLUG SET
	MONUMENT FOUND / SET
	SECTION CORNER FOUND
R M C	RECORDED / MEASURED / CALCULATED

REFERENCE DRAWINGS:
TOPOGRAPHIC SURVEY, LEONARD ELEMENTARY SCHOOL, PEA JOB NO. 20221281, DATED NOVEMBER 10, 2022
TOPOGRAPHIC SURVEY, LEONARD ELEMENTARY SCHOOL, PEA JOB NO. 2021-0584

GENERAL DEMOLITION NOTES:

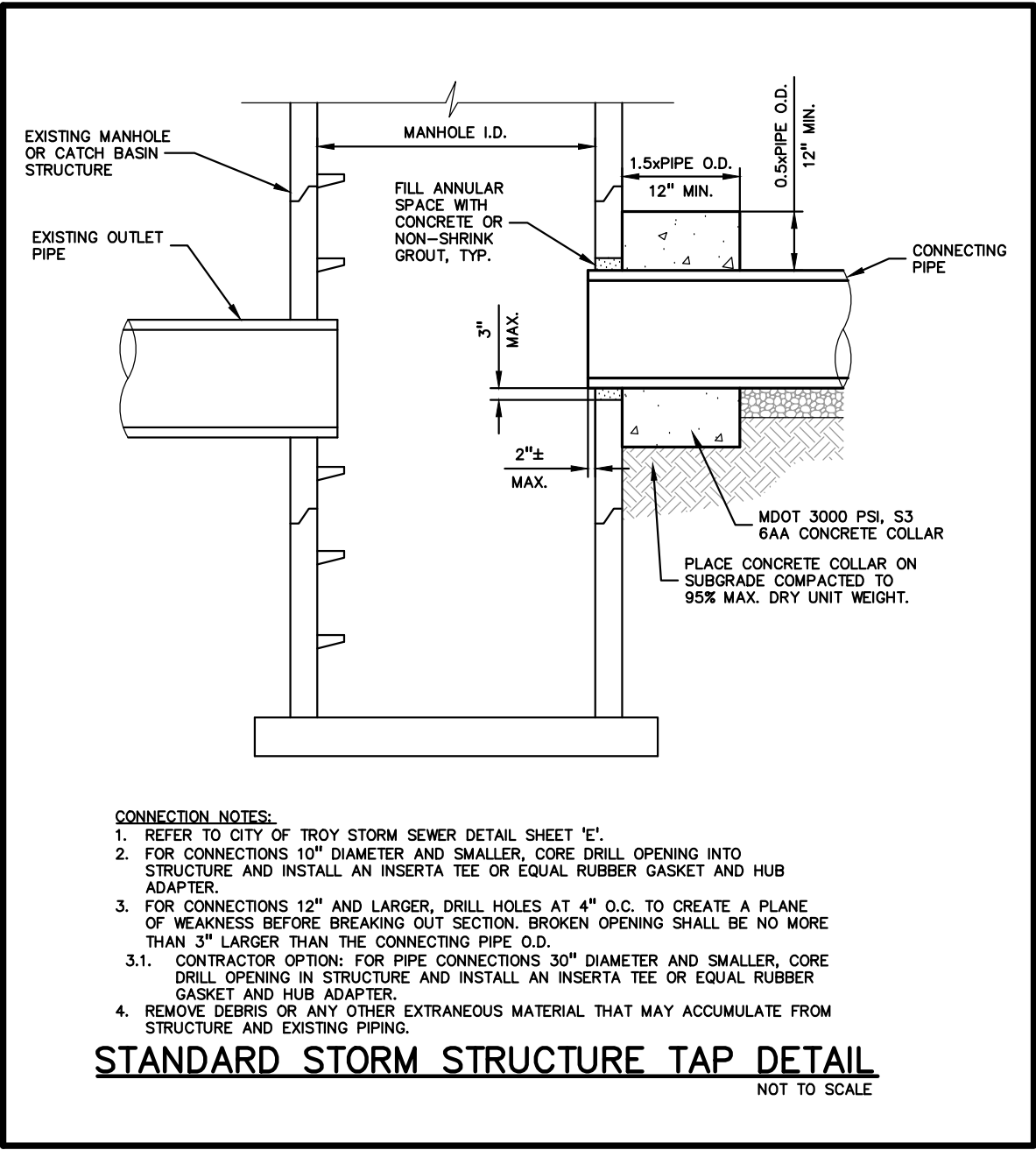
THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:

- ALL MATERIAL TO BE REMOVED, WHETHER SPECIFICALLY NOTED IN THE PLANS OR NOT, SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR AND DISPOSED OF OFF-SITE IN A LEGAL MANNER. NO ON-SITE BURY OR BURN PITS SHALL BE ALLOWED.
- ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL CODES AND ORDINANCES.
- STAGING/PHASING OF DEMOLITION AND CONSTRUCTION IS TO BE COORDINATED WITH THE OWNER AND THE CONTRACTOR PRIOR TO CONSTRUCTION.
- SPECIFIC DEMOLITION ITEMS HAVE BEEN INDICATED ON THE PLANS, AS A GUIDE TO THE GENERAL SCOPE OF THE WORK. IT IS THE INTENT THAT THESE ITEMS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR ABOVE AND BELOW GROUND, UNLESS SPECIFICALLY NOTED OTHERWISE, AND THAT DEMOLITION WILL INCLUDE BUT WILL NOT NECESSARILY BE LIMITED TO THESE ITEMS. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS AND EXTENTS OF THE DEMOLITION THAT WILL BE REQUIRED PRIOR TO SUBMITTING A BID.
- REMOVE ALL STRUCTURES DESIGNATED FOR REMOVAL ACCORDING TO THE DEMOLITION PLAN. THIS INCLUDES FOUNDATIONS, FOOTINGS, FOUNDATION WALLS, FLOOR SLABS, UNDERGROUND UTILITIES, CONCRETE, ASPHALT, TREES, ETC.
- REFER TO SHEET D FOR TREE PROTECTION DETAILS.
- THE CONTRACTOR SHALL, AS A MINIMUM, PROVIDE TREE PROTECTION FENCING AROUND EXISTING TREES TO BE SAVED THAT ARE WITHIN 15 FEET OF CONSTRUCTION ACTIVITIES AND AS INDICATED IN THE PLANS OR PER LOCAL AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP, NOISE, DUST CONTROL, STREET SWEEPING AND HOURS OF OPERATION IN ACCORDANCE WITH THE LOCAL CODES.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADES, SIGNAGE, MARKINGS, LIGHTS AND OTHER TRAFFIC CONTROL DEVICES TO PROTECT THE WORK ZONE AND SAFELY MAINTAIN TRAFFIC PER AGENCY REQUIREMENTS AND IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.)
- THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO CONFIRM THAT UTILITY LEADS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO DEMOLITION.
- ALL BUILDING GAS LEADS, METERS AND ASSOCIATED EQUIPMENT SHALL BE REMOVED AS SHOWN ON THE PLANS. COORDINATE ALL ASSOCIATED WORK WITH THE APPROPRIATE UTILITY COMPANY.
- REMOVE ALL OVERHEAD AND UNDERGROUND ELECTRICAL LINES WITHIN THE AREA OF CONSTRUCTION AS SHOWN ON THE PLANS. COORDINATE SHUTDOWNS AND REMOVALS WITH ELECTRICAL SERVICE PROVIDER OR THE APPROPRIATE UTILITY COMPANY. (NOTE: PHONE AND CABLE T.V. SERVICES MAY ALSO BE LOCATED ON OVERHEAD LINES.)
- THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF SIGNS AROUND THE WORK AREA, AS NECESSARY TO FACILITATE CONSTRUCTION. SIGNS SHALL BE PROTECTED OR STOCKPILED FOR REUSE AS SPECIFIED IN THE PLANS OR AS REQUIRED BY THE AGENCY OF JURISDICTION. THE CONTRACTOR SHALL REPLACE ANY DAMAGED SIGNS AND SUPPORTS AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE 811/ONE CALL UTILITY LOCATING CENTER, THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE, PLACE AND MAINTAIN TEMPORARY CONSTRUCTION FENCING AROUND THE WORK AREA, AS APPROVED BY THE DISTRICT, TO MAKE THE AREA SAFE DURING CONSTRUCTION.

OUTLET CONTROL STRUCTURE NOTES:

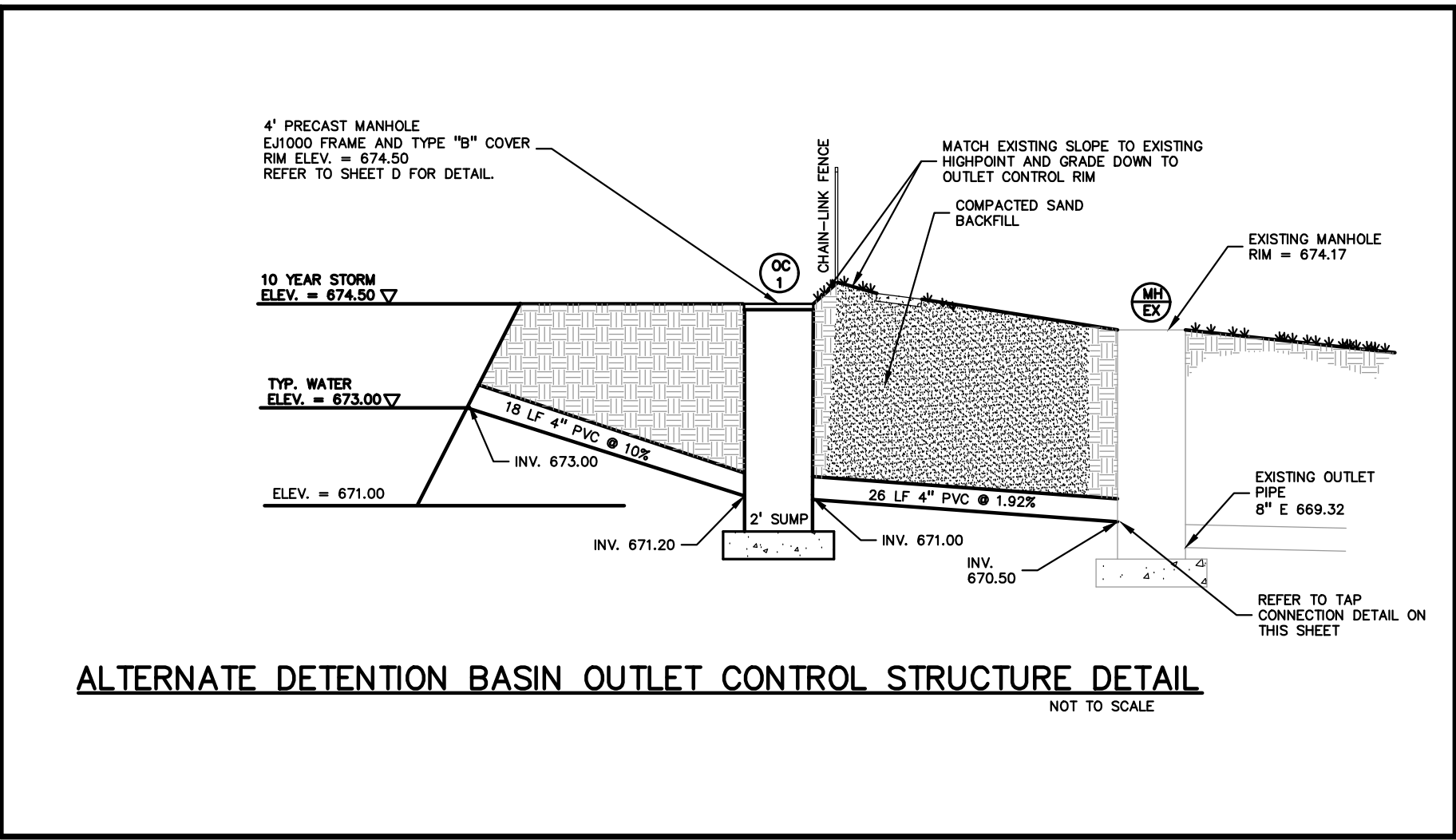
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- CONNECTION NOTES:**
- REFER TO CITY OF TROY STORM SEWER DETAIL SHEET "E".
 - FOR CONNECTIONS 10" DIAMETER AND SMALLER, CORE DRILL OPENING INTO STRUCTURE AND INSTALL AN INSERTA TEE OR EQUAL RUBBER GASKET AND HUB ADAPTER.
 - FOR CONNECTIONS 12" AND LARGER, DRILL HOLES AT 4" O.C. TO CREATE A PLANE OF WEAKNESS BEFORE BREAKING OUT SECTION. BROKEN OPENING SHALL BE NO MORE THAN 3" LARGER THAN THE CONNECTING PIPE O.D.
 - CONTRACTOR OPTION: FOR PIPE CONNECTIONS 30" DIAMETER AND SMALLER, CORE DRILL OPENING IN STRUCTURE AND INSTALL AN INSERTA TEE OR EQUAL RUBBER GASKET AND HUB ADAPTER.
 - REMOVE DEBRIS OR ANY OTHER EXTRANEOUS MATERIAL THAT MAY ACCUMULATE FROM STRUCTURE AND EXISTING PIPING.

STANDARD STORM STRUCTURE TAP DETAIL
NOT TO SCALE



ALTERNATE DETENTION BASIN OUTLET CONTROL STRUCTURE DETAIL
NOT TO SCALE

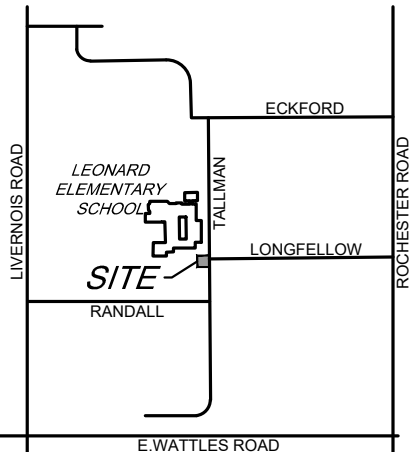
PEA GROUP
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0 10 20 40
SCALE: 1" = 20'



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TROY, MI 48063

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4401 TALLMAN DRIVE
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REVISIONS

ADDENDUM #1: 11-3-23
ADDENDUM #1: 11-14-23

ORIGINAL ISSUE DATE:
OCTOBER 31, 2023

DRAWING TITLE

ALTERNATE ENGINEERING PLAN

PEA JOB NO. 2023-0262

P.M. RR

DN. JRW

DES. JRW

DRAWING NUMBER:

C-2.3A