

Addendum 1

Project: BID NO. 9953 TROY SCHOOL DISTRICT 2023 PAVING PROGRAM

Bid Due date: 11:00 AM Local Time, Thursday, January 26, 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 #1 dated January 20, 2023, issued by PEA Group.
- 3. Bid Package, page 7, General Conditions, add a sentence to the last paragraph. Your base bid shall include all overhead/profit, supervision, small tools, bond, and other incidental items for the allowances. The allowance cost shall be just the cost of materials and labor.

II. Questions and Answers.

- Q1. What kind of access do we need to leave at Larson Middle School? Does it need to be completed in 2 phases? Work is being completed on the only entrance/exit to the site. Both sides of the boulevard will need to be ripped out and the entire approach needs to be done. Does this work need to be done in halves or can it be done at one time?
- A1. Work can be completed at one time. Any District traffic will be done on the green scape on the east side. There is no need for a temporary road at this location but there must not be material stored in the location to allow access.

PEA GROUP

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1849 Pond Run Auburn Hills, MI 48326

844.813.2949 peagroup.com

PROJECT: 2023 Troy School District Site Improvements – Paving Projects

DATE: January 20, 2023

FROM: PEA Group

PEA JOB No.: 2022-1281

PURPOSE: Addendum 1

The following clarifications/changes have been made to the bid package based on questions from bidders.

1. Cover:

a. The sheet index was updated to reflect the plans sheets that were updated for this Addendum.

2. <u>Larson Middle:</u>

- a. Sheet C-2.1
 - 1. The quantities for "18" Concrete Curb and Gutter", "Heavy Duty Concrete" and "Sign and Post" were updated.
 - 2. Callouts were added to clarify that the heavy-duty concrete for the drive approach and sections of concrete south of the sidewalk are to have integral curb.
 - 3. The "Subgrade Undercutting Notes" were updated to provide additional clarification.

2. <u>Schroeder Elementary:</u>

- a. Sheet C-1.2
 - 1. The callout regarding the removal of the stoop was updated to provide clarification.
 - 2. Under "Notes", Note #11 regarding the frost slab was removed.
- b. Sheet C-2.2
 - 1. Under "Notes" the note regarding the quantity for subgrade undercutting was deleted, was moved to the "Pavement Preparation Notes" and the notes were renumbered.
 - 2. A note was added under "Notes" to clarify the placement of the proposed frost slab.
 - 3. Notes were added to "Pavement Preparation Notes" to clarify the importing and placement of additional aggregate base material in order to obtain the proposed depth of base per the proposed pavement cross section and the establishment of an allowance for this pay item. Contractors are to manually add the unit price of this pay item to the unit price sheet that is to be included with their bid.

4. The "Paving Quantities" were updated to the unit for the first slab and include the allowance related to adding aggregate base material in order to obtain the proposed depth of base per the proposed pavement cross section.

c. Sheet C-3.2

1. Areas of woodchip restoration and a quantity were added to the plan sheet for clarification.

3. Leonard Elementary:

- a. Sheet C-2.3
 - Under "Notes" the note regarding the quantity for subgrade undercutting was deleted, was moved to the "Pavement Preparation Notes" and the notes were renumbered.
 - 2. A note was added under "Notes" to clarify the placement of the concrete slab under the relocated building.
 - 3. The callout for the concrete maintenance strip along the drive approach and under "Notes" the note regarding the concrete maintenance strip along the drive approach were revised to provide clarification.
 - 4. Notes were added to "Pavement Preparation Notes" to clarify the importing and placement of additional aggregate base material in order to obtain the proposed depth of base per the proposed pavement cross section and the establishment of an allowance for this pay item. Contractors are to manually add the unit price of this pay item to the unit price sheet that is to be included with their bid.
 - 5. The "Paving Quantities" were updated to include the allowance related to adding aggregate base material in order to obtain the proposed depth of base per the proposed pavement cross section.

4. <u>Wass Elementary:</u>

- a. Sheet C-2.4
 - Under "Notes" the note regarding the quantity for subgrade undercutting was deleted, was moved to the "Subgrade Undercutting Notes" and the notes were renumbered.
 - 2. The "Subgrade Undercutting Notes" were updated to provide additional clarification.

5. <u>Transportation Center:</u>

- a. Sheet C-2.6
 - 1. The "Subgrade Undercutting Notes" were updated to provide additional clarification.

6. Barnard Elementary:

- a. Sheet C-2.7
 - 1. The "Subgrade Undercutting Notes" were updated to provide additional clarification.

7. <u>Notes and Details:</u>

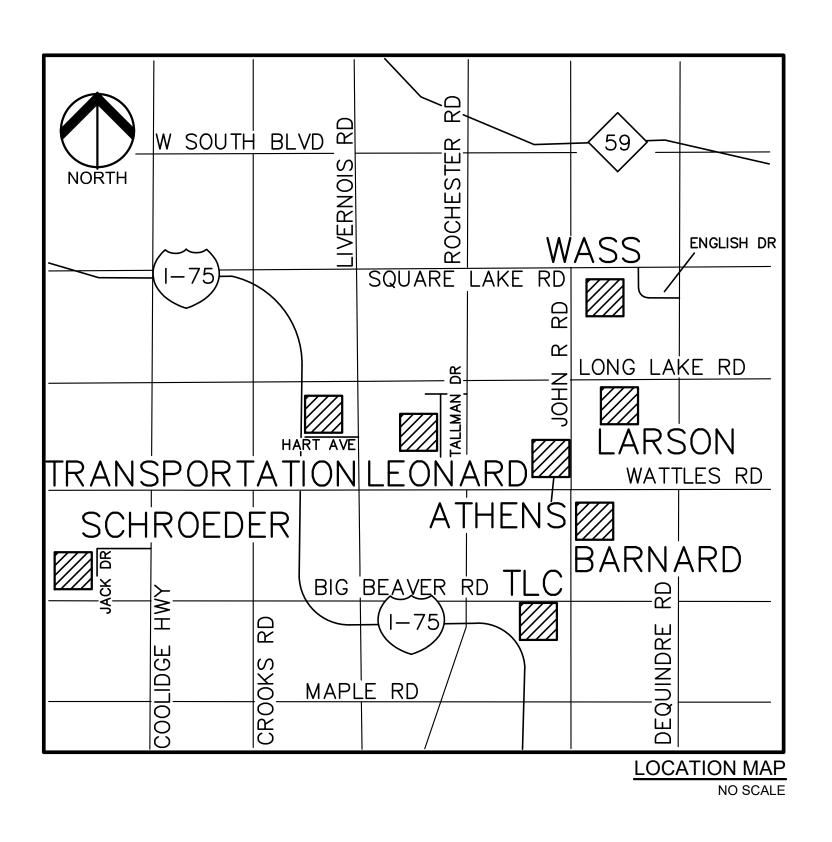
- a. Sheet C-4.1
 - 1. The detail for "Pulverized and Re-pave Pavement Detail" was removed from the sheet.
 - 2. A detail for the proposed "Heavy Duty Concrete Maintenance Strip" for Larson Middle School was added to the sheet for clarification.

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CONSTRUCTION PLANS

TSD 2023 SITE IMPROVEMENTS PAVING PROJECTS

TROY, OAKLAND COUNTY, MICHIGAN



GROUP

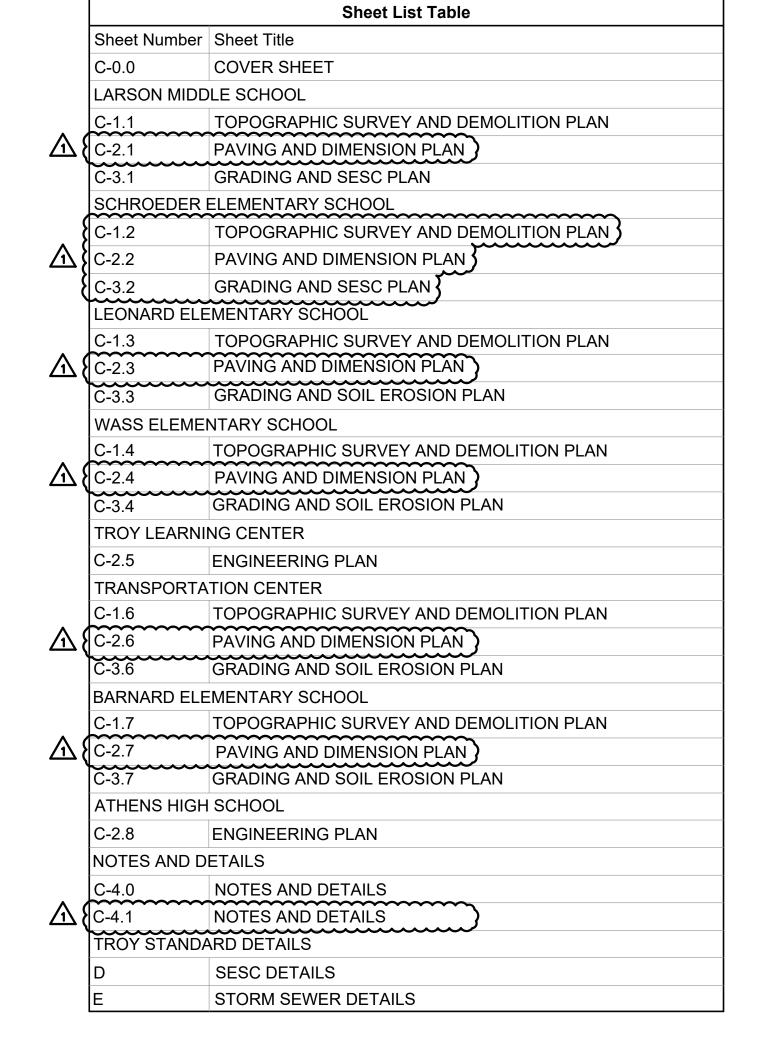
DESIGN TEAM

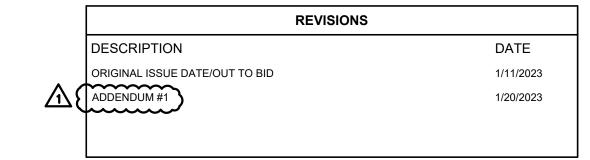
OWNER

TROY SCHOOL DISTRICT
1140 RANKIN DRIVE
TROY, MI 48083
CONTACT: ROB CARSON
PHONE: 248.823.4067
EMAIL: RCARSON@TROY.K12.MI.US

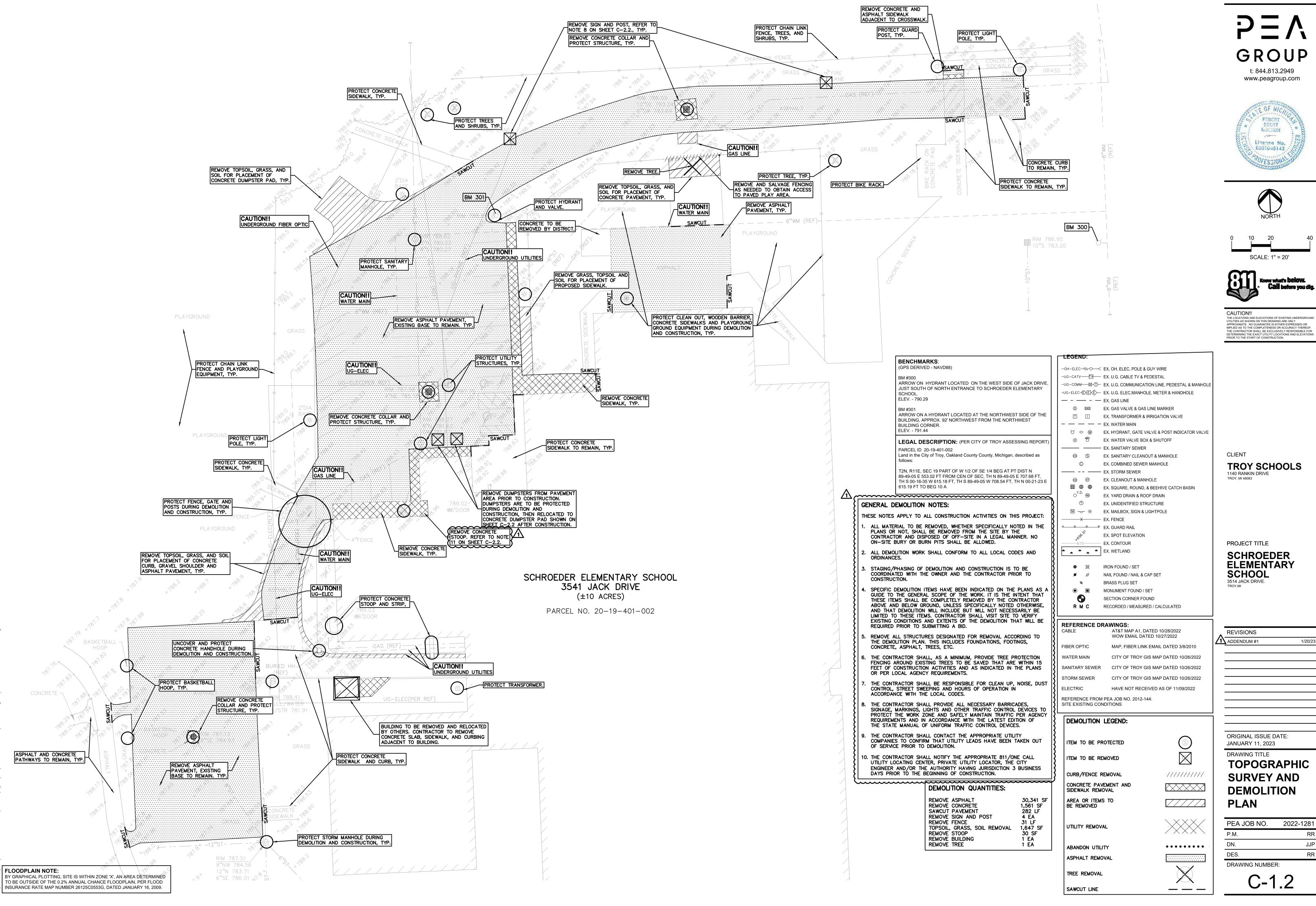
CIVIL ENGINEER

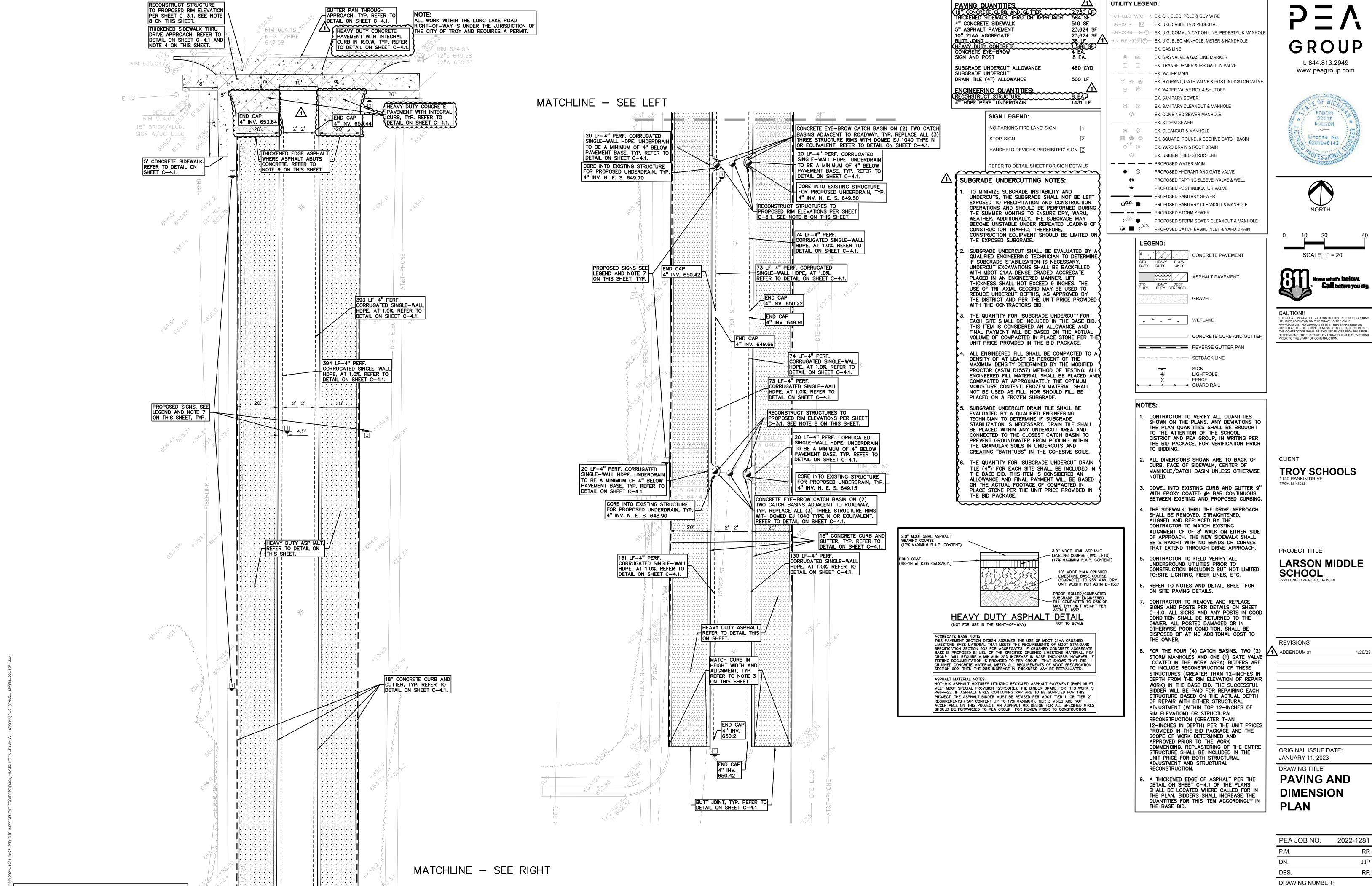
PEA GROUP
1849 POND RUN
AUBURN HILLS, MI 48326
CONTACT: ROBERT ROCHON, P.E.
PHONE: (248) 689-9090 EXT. 1161
FAX: (248) 689-1044
EMAIL: RROCHON@PEAGROUP.COM











RECONSTRUCT STRUCTURE

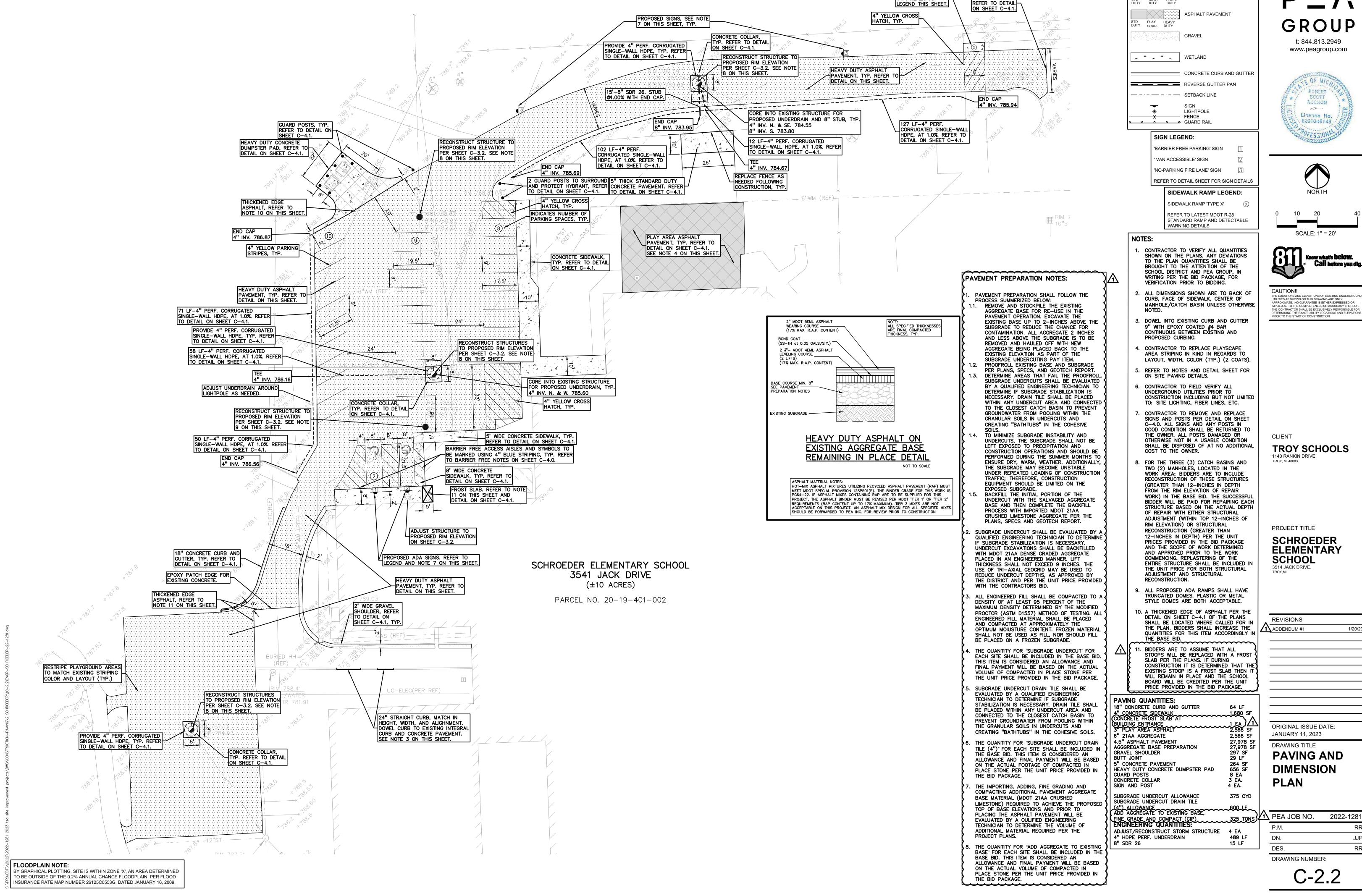
FLOODPLAIN NOTE:

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.

UTILITY LEGEND:

REVISIONS	
ADDENDUM #1	1/20/23
ORIGINAL ISSUE DATE:	
IANI IARY 11 2023	

PEA JOB NO.	2022-1281	
P.M.	RR	
DN.	JJP	
DES.	RR	



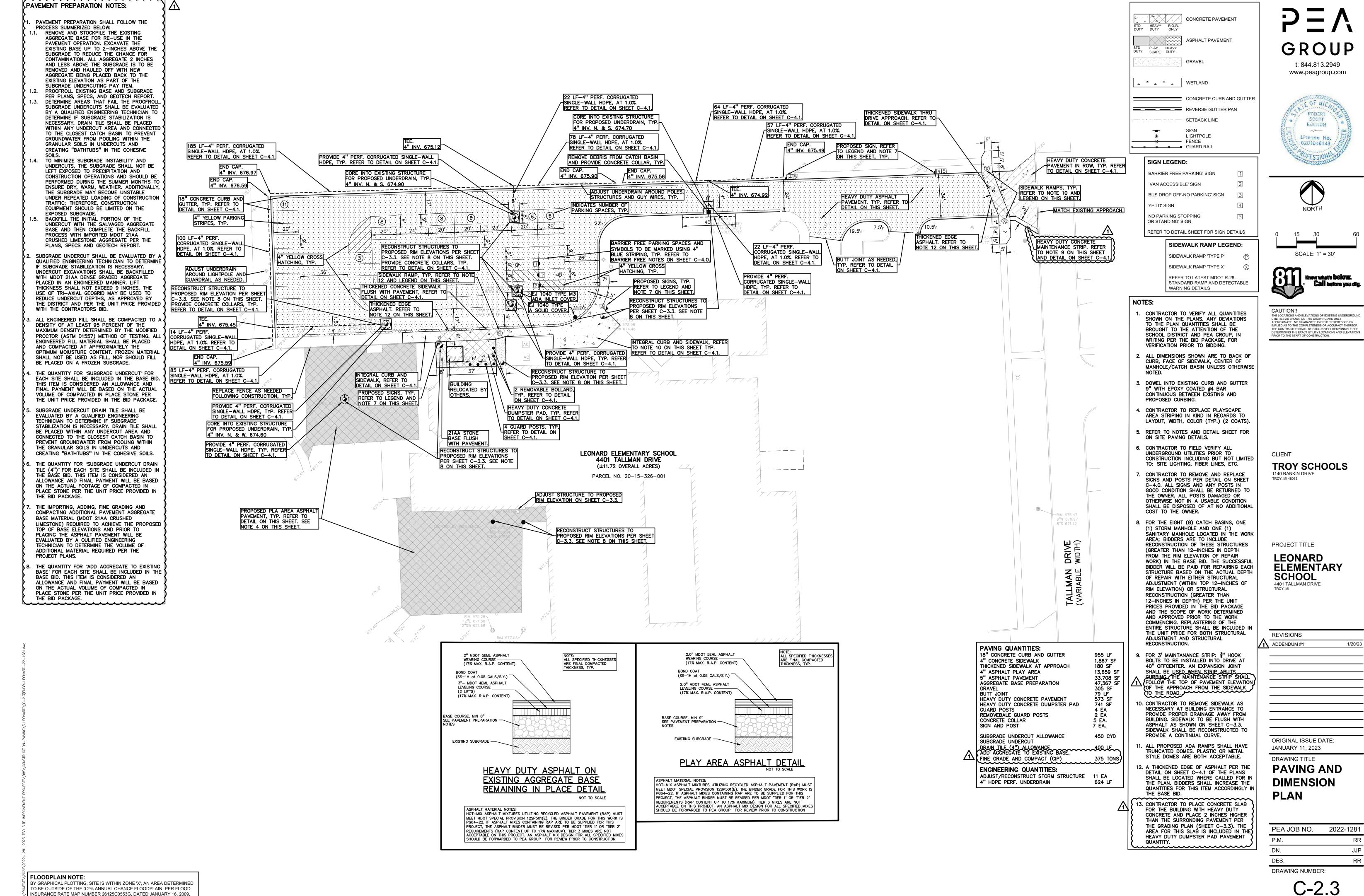
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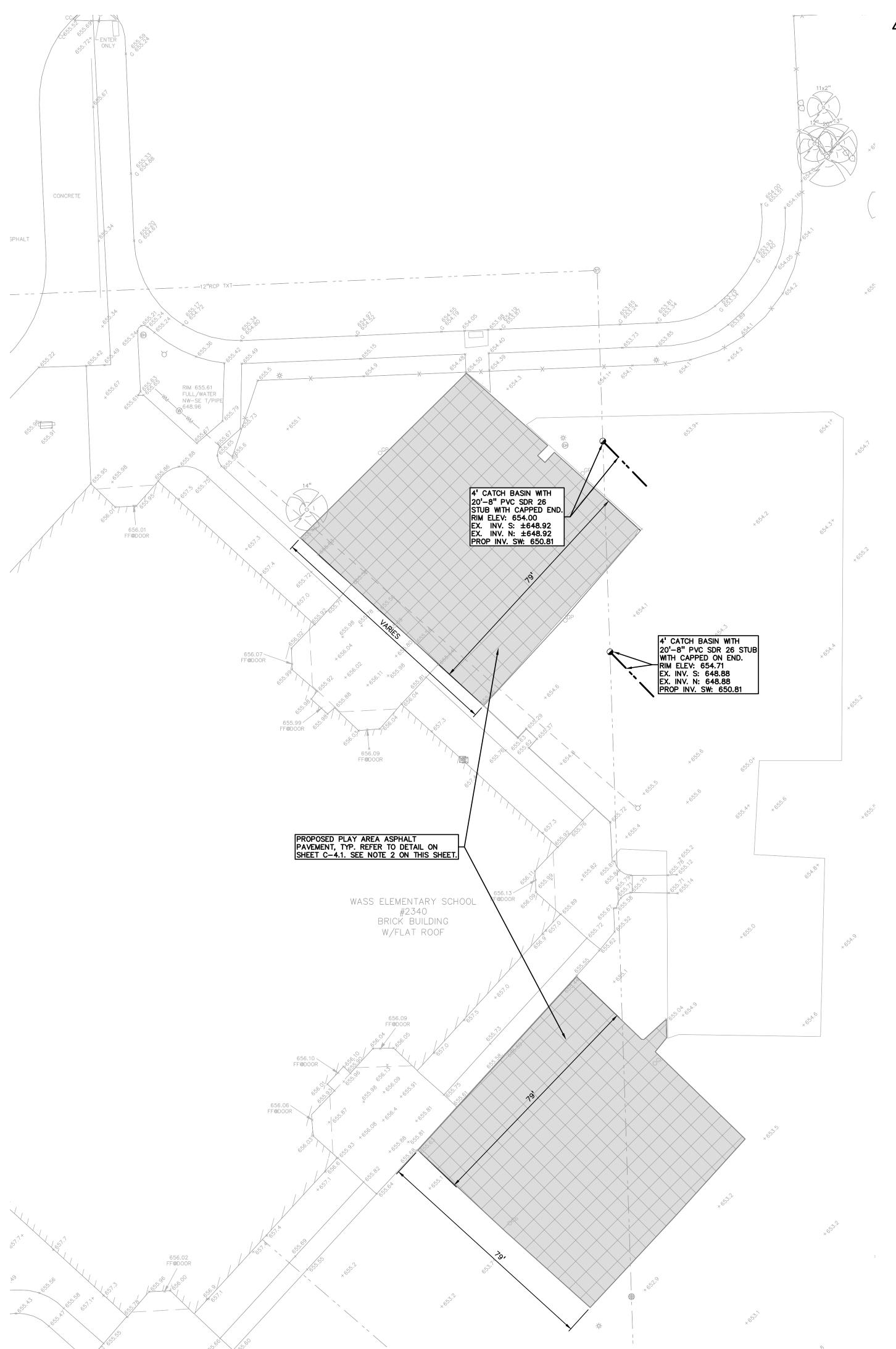
BUTT JOINT, TYP.

TYP. REFER TO

CONCRETE PAVEMENT

2022-1281 JJP RR







- TO MINIMIZE SUBGRADE INSTABILITY AND CONSTRUCTION TRAFFIC; THEREFORE,
- SUBGRADE UNDERCUT SHALL BE EVALUATED BY A QUALIFIED ENGINEERING TECHNICIAN TO DETERMINE IF SUBGRADE STABILIZATION IS NECESSARY. UNDERCUT EXCAVATIONS SHALL BE BACKFILLED WITH MDOT 21AA DENSE GRADED AGGREGATE PLACED IN AN ENGINEERED MANNER. LIFT THICKNESS SHALL NOT EXCEED 9 INCHES. THE USE OF TRI-AXIAL GEOGRID MAY BE USED TO REDUCE UNDERCUT DEPTHS, AS APPROVED BY
 THE DISTRICT AND PER THE UNIT PRICE PROVIDED
- ALL ENGINEERED FILL SHALL BE COMPACTED TO A DENSITY OF AT LEAST 95 PERCENT OF THE MAXIMUM DENSITY DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) METHOD OF TESTING. ALL ENGINEERED FILL MATERIAL SHALL BE PLACED AND COMPACTED AT APPROXIMATELY THE OPTIMUM MOIUSTURE CONTENT. FROZEN MATERIAL SHALL NOT BE USED AS FILL, NOR SHOULD FILL BE
- SUBGRADE UNDERCUT DRAIN TILE SHALL BE BE PLACED WITHIN ANY UNDERCUT AREA AND CONNECTED TO THE CLOSEST CATCH BASIN TO PREVENT GROUNDWATER FROM POOLING WITHIN THE GRANULAR SOILS IN UNDERCUTS AND
- THE QUANTITY FOR "SUBGRADE UNDERCUT DRAIN TILE (4")" FOR EACH SITE SHALL BE INCLUDED IN THE BASE BID. THIS ITEM IS CONSIDERED AN ALLOWANCE AND FINAL PAYMENT WILL BE BASED ON THE ACTUAL FOOTAGE OF COMPACTED IN PLACE STONE PER THE UNIT PRICE PROVIDED IN THE BID PACKAGE.

- UNDERCUTS, THE SUBGRADE SHALL NOT BE LEFT EXPOSED TO PRECIPITATION AND CONSTRUCTION OPERATIONS AND SHOULD BE PERFORMED DURING THE SUMMER MONTHS TO ENSURE DRY, WARM, WEATHER. ADDITIONALLY, THE SUBGRADE MAY BECOME UNSTABLE UNDER REPEATED LOADING OF CONSTRUCTION EQUIPMENT SHOULD BE LIMITED ON THE EXPOSED SUBGRADE.
- WITH THE CONTRACTORS BID.
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 THIS ITEM IS CONSIDERED AN ALLOWANCE AND FINAL PAYMENT WILL BE BASED ON THE ACTUAL VOLUME OF COMPACTED IN PLACE STONE PER THE UNIT PRICE PROVIDED IN THE BID PACKAGE.
- PLACED ON A FROZEN SUBGRADE.
- EVALUATED BY A QUALIFIED ENGINEERING TECHNICIAN TO DETERMINE IF SUBGRADE STABILIZATION IS NECESSARY. DRAIN TILE SHALL CREATING "BATHTUBS" IN THE COHESIVE SOILS.

UTILITY LEGEND:

OH-ELEC-W-O- EX. OH. ELEC, POLE & GUY WIRE UG-CATV-VEX. U.G. CABLE TV & PEDESTAL JG-COMM---⊠-Ū- EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE JG-ELEC-E-E-E-EX. U.G. ELEC,MANHOLE, METER & HANDHOLE - --- - EX. GAS LINE © GAS EX. GAS VALVE & GAS LINE MARKER — — — EX. WATER MAIN ♥ ♥ ₩ EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE EX. SANITARY SEWER © S 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 — — PROPOSED WATER MAIN ▼ ⊗ PROPOSED HYDRANT AND GATE VALVE PROPOSED TAPPING SLEEVE, VALVE & WELL

PROPOSED POST INDICATOR VALVE PROPOSED SANITARY SEWER OC.O. PROPOSED SANITARY CLEANOUT & MANHOLE PROPOSED STORM SEWER ○C.O. ■ PROPOSED STORM SEWER CLEANOUT & MANHOLE PROPOSED CATCH BASIN, INLET & YARD DRAIN

> STD HEAVY R.O.W. ONLY ASPHALT PAVEMENT STD PLAY HEAVY DUTY SCAPE DUTY GRAVEL CONCRETE CURB AND GUTTER REVERSE GUTTER PAN — - · - — - · - — SETBACK LINE LIGHTPOLE

NOTES:

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.

—————— FENCE GUARD RAIL

- 2. CONTRACTOR TO REPLACE PLAYSCAPE AREA STRIPING IN KIND IN REGARDS TO LAYOUT, WIDTH, COLOR (TYP.) (2 COATS).
- 3. CONTRACTOR TO FIELD VERIFY ALL
 UNDERGROUND UTILITIES PRIOR TO
 CONSTRUCTION INCLUDING BUT NOT LIMITED
 TO: SITE LIGHTING, FIBER LINES, ETC

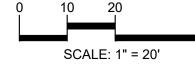
PAVING QUANTITIES:	12,686	
6" 21AA AGGREGATE	12,686	
SUBGRADE UNDERCUT ALLOWANCE SUBGRADE UNDERCUT	75 CYI	
DRAIN TILE (4") ALLOWANCE	300 LF	
ENGINEERING QUANTITIES:		
4' CATCH BASIN	2 EA	
8 PVC SUR 26	40 LF	
	3" ASPHALT PLAY AREA 6" 21AA AGGREGATE SUBGRADE UNDERCUT ALLOWANCE SUBGRADE UNDERCUT DRAIN TILE (4") ALLOWANCE ENGINEERING QUANTITIES:	



www.peagroup.com









CAUTION!! THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

TROY SCHOOLS
1140 RANKIN DRIVE
TROY, MI 48083

PROJECT TITLE

WASS ELEMENTARY SCHOOL 2340 WILLARD DRIVE, TROY, MI

•	REVISIONS	
<u> </u>	ADDENDUM #1	1/20/23

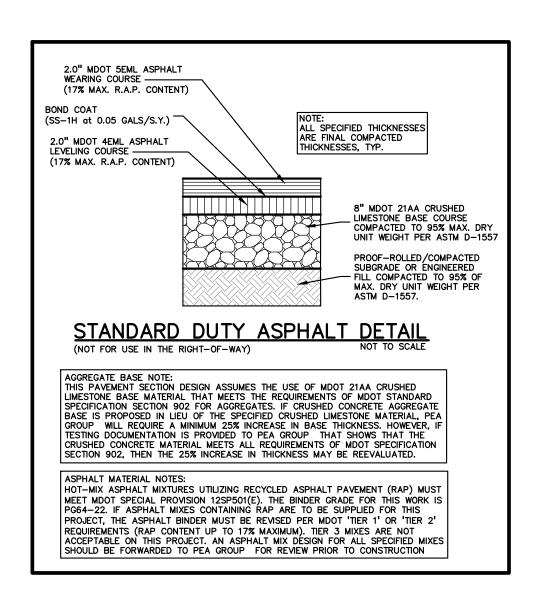
PAVING AND DIMENSION PLAN

ORIGINAL ISSUE DATE: JANUARY 11, 2023

PEA JOB NO. 2022-1281 DES. DRAWING NUMBER:

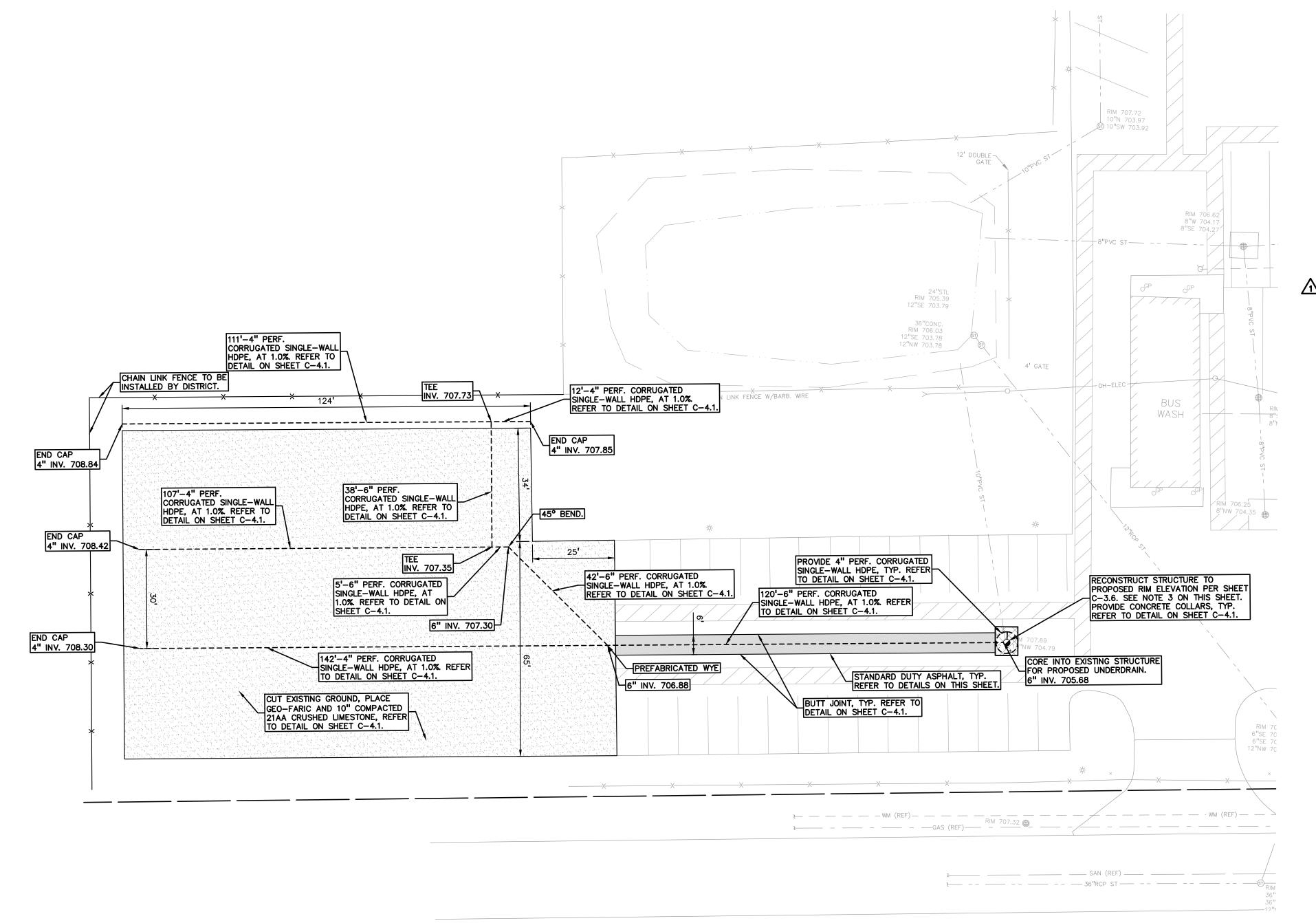
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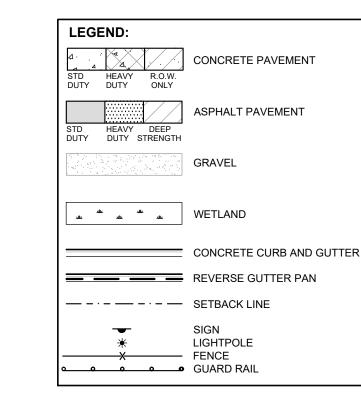
INSURANCE RATE MAP NUMBER 26125C0553G, DATED JANUARY 16, 2009.



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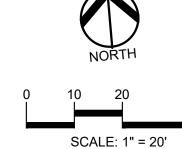


GROUP t: 844.813.2949 www.peagroup.com ROCHON 0

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.

2. CONTRACTOR TO FIELD VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION INCLUDING BUT NOT LIMITED TO: SITE LIGHTING, FIBER LINES, ETC.

3. FOR THE ONE (1) CATCH BASIN LOCATED IN THE WORK AREA; BIDDERS ARE TO INCLUDE RECONSTRUCTION OF THESE STRUCTURES (GREATER THAN 12-INCHES IN DEPTH FROM THE RIM ELEVATION OF REPAIR WORK) IN THE BASE BID. THE SUCCESSFUL BIDDER WILL BE PAID FOR REPAIRING EACH STRUCTURE BASED ON THE ACTUAL DEPTH OF REPAIR WITH EITHER STRUCTURAL ADJUSTMENT (WITHIN TOP 12-INCHES OF RIM ELEVATION) OR STRUCTURAL RECONSTRUCTION (GREATER THAN 12-INCHES IN DEPTH) PER THE UNIT PRICES PROVIDED IN THE BID PACKAGE AND THE SCOPE OF WORK DETERMINED AND APPROVED PRIOR TO THE WORK COMMENCING. REPLASTERING OF THE ENTIRE STRUCTURE SHALL BE INCLUDED IN THE UNIT PRICE FOR BOTH STRUCTURAL ADJUSTMENT AND



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GRAVEL BUTT JOINT CONCRETE COLLAR

PAVING QUANTITIES: 4" ASPHALT PAVEMENT

8" 21AA AGGREGATE

SUBGRADE UNDERCUT ALLOWANCE

STRUCTURAL RECONSTRUCTION.

ENGINEERING QUANTITIES: RECONSTRUCT STORM STRUCTURE 4" HDPE PERF. UNDERDRAIN 6" HDPE PERF. UNDERDRAIN

SUBGRADE UNDERCUTTING NOTES:

TO MINIMIZE SUBGRADE INSTABILITY AND UNDERCUTS, THE SUBGRADE SHALL NOT BE LEFT EXPOSED TO PRECIPITATION AND CONSTRUCTION OPERATIONS AND SHOULD BE PERFORMED DURING THE SUMMER MONTHS TO ENSURE DRY, WARM, WEATHER. ADDITIONALLY. THE SUBGRADE MAY COME UNSTABLE UNDER REPEATED LOADING OF CONSTRUCTION TRAFFIC; THEREFORE,
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SUBGRADE UNDERCUT SHALL BE EVALUATED BY A QUALIFIED ENGINEERING TECHNICIAN TO DETERMINE IF SUBGRADE STABILIZATION IS NECESSARY. UNDERCUT EXCAVATIONS SHALL BE BACKFILLED WITH MDOT 21AA DENSE GRADED AGGREGATE PLACED IN AN ENGINEERED MANNER. LIFT THICKNESS SHALL NOT EXCEED 9 INCHES. THE USE OF TRI-AXIAL GEOGRID MAY BE USED TO REDUCE UNDERCUT DEPTHS, AS APPROVED BY THE DISTRICT AND PER THE UNIT PRICE PROVIDED WITH THE CONTRACTORS BID.

THE QUANTITY FOR "SUBGRADE UNDERCUT" FOR EACH SITE SHALL BE INCLUDED IN THE BASE BID. THIS ITEM IS CONSIDERED AN ALLOWANCE AND FINAL PAYMENT WILL BE BASED ON THE ACTUAL FOOTAGE OF COMPACTED IN PLACE STONE PER

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CLIENT

692 SF 692 SF 13,954 S

230 LF

115 CYD

1 EA

392 LF

205 L

1 EA.

TROY SCHOOLS 1140 RANKIN DRIVE TROY, MI 48083

PROJECT TITLE

TRANSPORTATION CENTER

REVISIONS ADDENDUM #1

ORIGINAL ISSUE DATE: JANUARY 11, 2023

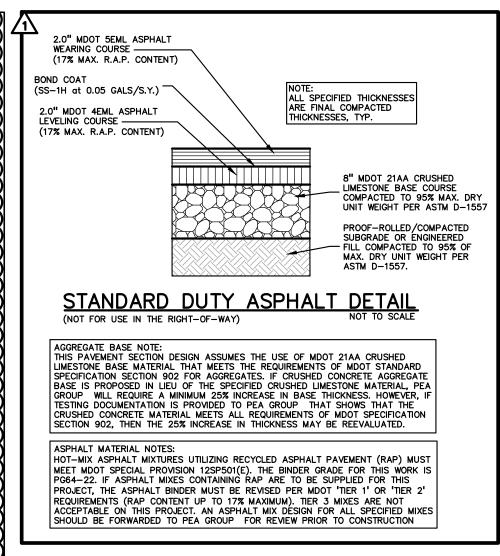
DRAWING TITLE

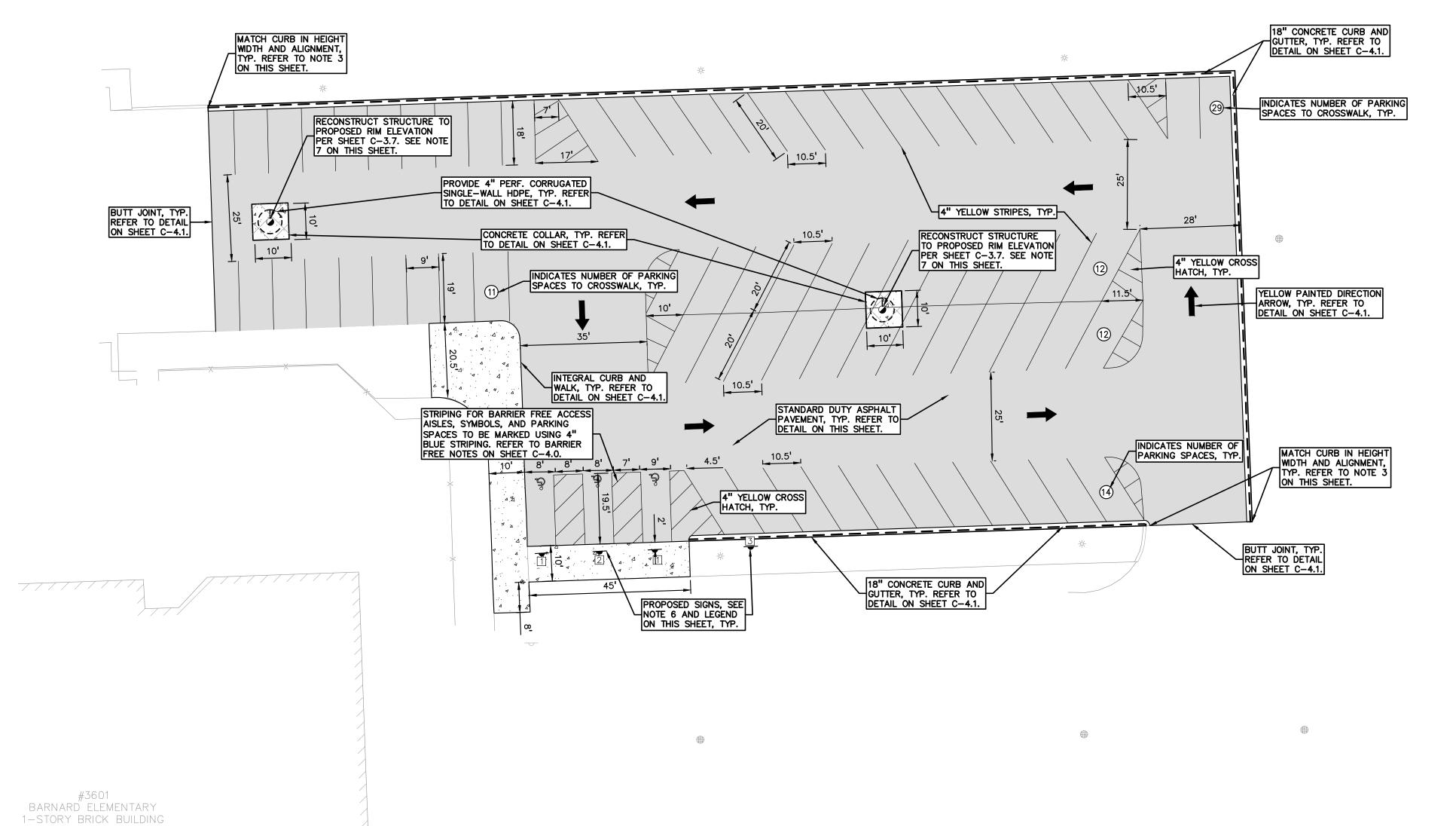
PAVING AND DIMENSION PLAN

PEA JOB NO.	2022-1281
P.M.	RR
DN.	JJP
DES.	RR
DRAWING NUMBER	₹:

______ SUBGRADE UNDERCUTTING NOTES:

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- THE QUANTITY FOR 'SUBGRADE UNDERCUT DRAIN TILE (4")" FOR EACH SITE SHALL BE INCLUDED IN THE BASE BID. THIS ITEM IS CONSIDERED AN ALLOWANCE AND FINAL PAYMENT WILL BE BASED ON THE ACTUAL FOOTAGE OF COMPACTED IN PLACE STONE PER THE UNIT PRICE PROVIDED IN THE BID PACKAGE.





FLOODPLAIN NOTE:

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LEGEND:

CONCRETE PAVEMENT

ASPHALT PAVEMENT STD HEAVY DEEP DUTY DUTY STRENGTH

GRAVEL

और और और और और

CONCRETE CURB AND GUTTER REVERSE GUTTER PAN

LIGHTPOLE ————— FENCE GUARD RAIL

— - · - — - · - — SETBACK LINE

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.
- 2. ALL DIMENSIONS SHOWN ARE TO BACK OF CURB, FACE OF SIDEWALK, CENTER OF MANHOLE/CATCH BASIN UNLESS OTHERWISE NOTED.
- 3. DOWEL INTO EXISTING CURB AND GUTTER 9" WITH EPOXY COATED #4 BAR CONTINUOUS BETWEEN EXISTING AND PROPOSED CURBING.
- 4. REFER TO NOTES AND DETAILS SHEET FOR PAVING DETAILS.
- 5. CONTRACTOR TO FIELD VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION INCLUDING BUT NOT LIMITED TO: SITE LIGHTING, FIBER LINES,
- 6. CONTRACTOR TO REMOVE AND REPLACE SIGNS AND POSTS PER DETAILS ON SHEET C-4.0. ALL SIGNS AND ANY POSTS IN GOOD CONDITION SHALL BE RETURNED TO THE OWNER. ALL POSTS DAMAGED OR OTHERWISE NOT IN USEABLE CONDITION, SHALL BE DISPOSED OF AT NO ADDITIONAL COST TO THE
- 7. FOR THE TWO (2) CATCH BASINS, LOCATED IN THE WORK AREA; BIDDERS ARE TO INCLUDE RECONSTRUCTION OF THESE STRUCTURES (GREATER THAN 12-INCHES IN DEPTH FROM THE RIM ELEVATION OF REPAIR WORK) IN THE BASE BID. THE SUCCESSFUL BIDDER WILL BE PAID FOR REPAIRING EACH STRUCTURE BASED ON THE ACTUAL DEPTH OF REPAIR WITH EITHER STRUCTURAL ADJUSTMENT (WITHIN TOP 12-INCHES OF RIM ELEVATION) OR STRUCTURAL RECONSTRUCTION (GREATER THAN 12-INCHES IN DEPTH) PER THE UNIT PRICES PROVIDED IN THE BID PACKAGE AND THE SCOPE OF WORK DETERMINED AND APPROVED PRIOR TO THE WORK COMMENCING, REPLASTERING OF THE ENTIRE STRUCTURE SHALL BE INCLUDED IN THE UNIT PRICE FOR BOTH STRUCTURAL ADJUSTMENT AND STRUCTURAL RECONSTRUCTION.

PAVING QUANTITIES: 18" CONCRETE CURB AND GUTTER 538 LF 1,499 SF 29,204 SF 4" CONCRETE SIDEWALK 4" ASPHALT PAVEMENT 8" 21AA AGGREGATE 29,204 SF BUTT JOINT 88 LF CONCRETE COLLAR 2 EA. SIGN AND POST 4 EA. SUBGRADE UNDERCUT ALLOWANCE 450 CYD SUBGRADE UNDERCUT

DRAIN TILE (4") ALLOWANCE ENGINEERING QUANTITIES: ADJUST/RECONSTRUCT STORM STRUCTURE 2 EA 4" HDPE PERF. UNDERDRAIN

46 LF SIGN LEGEND: 'BARRIER FREE PARKING' SIGN ' VAN ACCESSIBLE' SIGN 'RESERVED PARKING' SIGN

REFER TO DETAIL SHEET FOR SIGN DETAILS

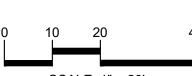
500 LF

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CAUTION THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CLIENT TROY SCHOOLS 1140 RANKIN DRIVE

PROJECT TITLE

TROY, MI 48083

BARNARD ELEMENTARY SCHOOL 3601 FORGE RD. TROY,MI

REVISIONS ADDENDUM #1

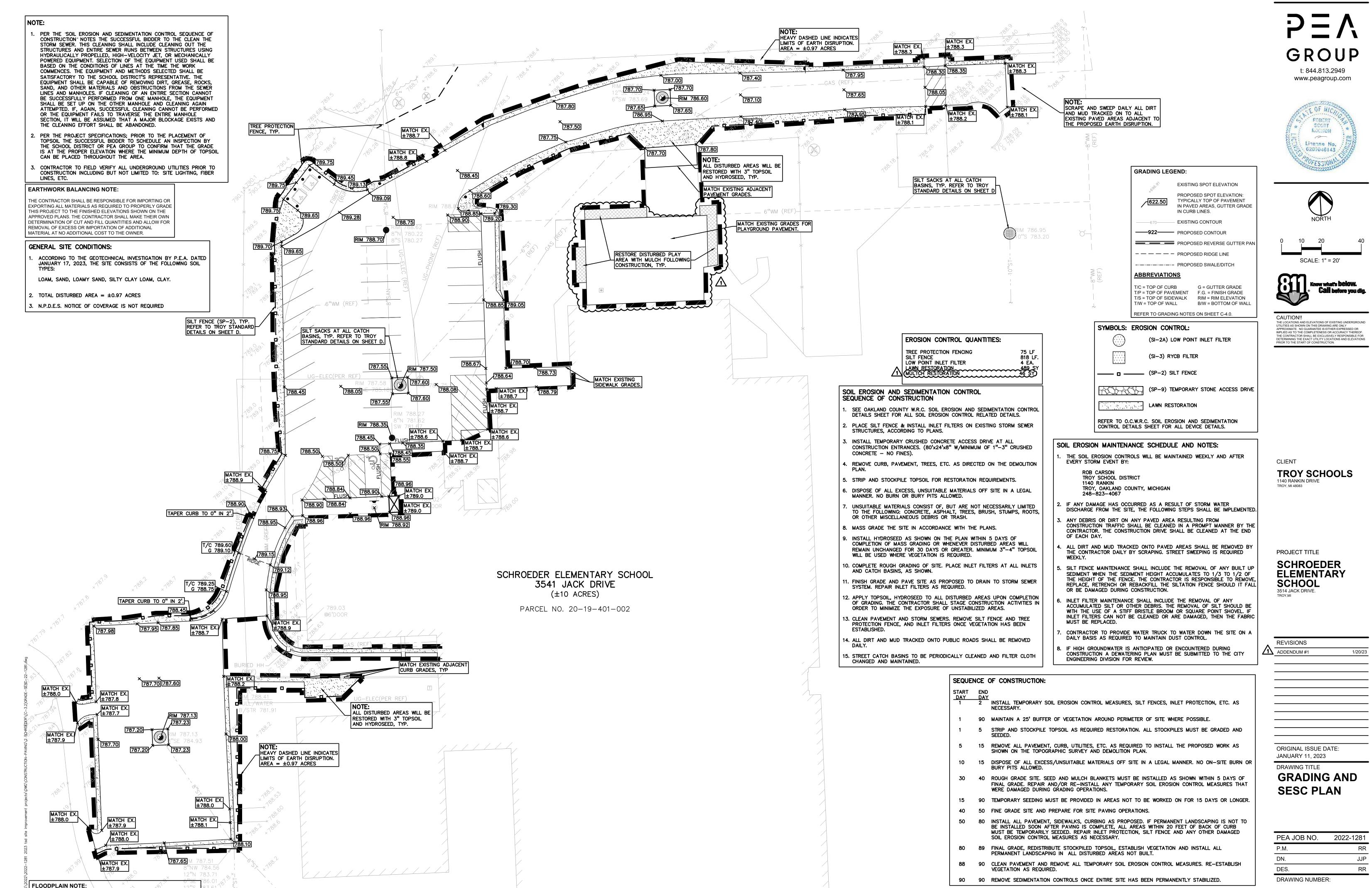
ORIGINAL ISSUE DATE:

JANUARY 11, 2023 DRAWING TITLE

PAVING AND DIMENSION PLAN

PEA JOB NO.	2022-1281	
P.M.	RR	
DN.	JJP	
DES.	RR	

DRAWING NUMBER:



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.

C-3.2

