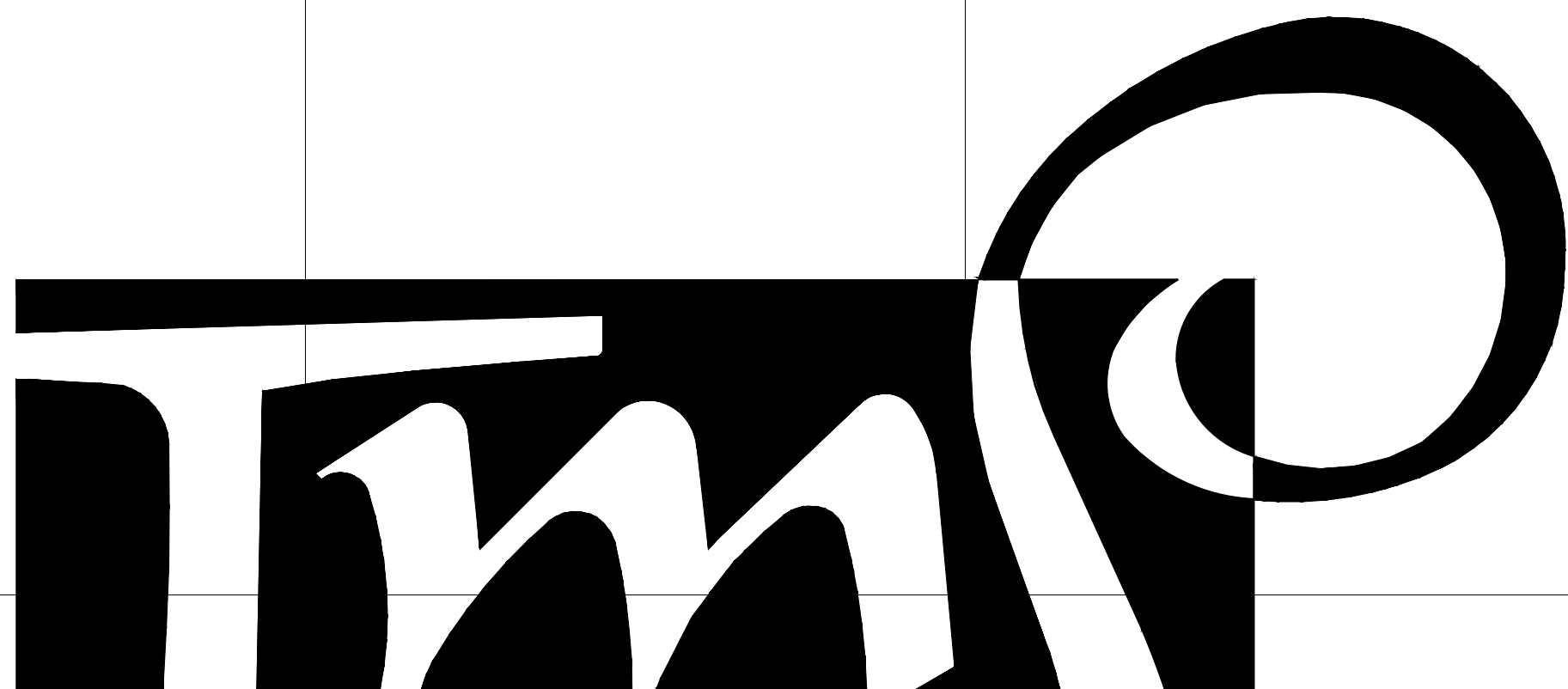


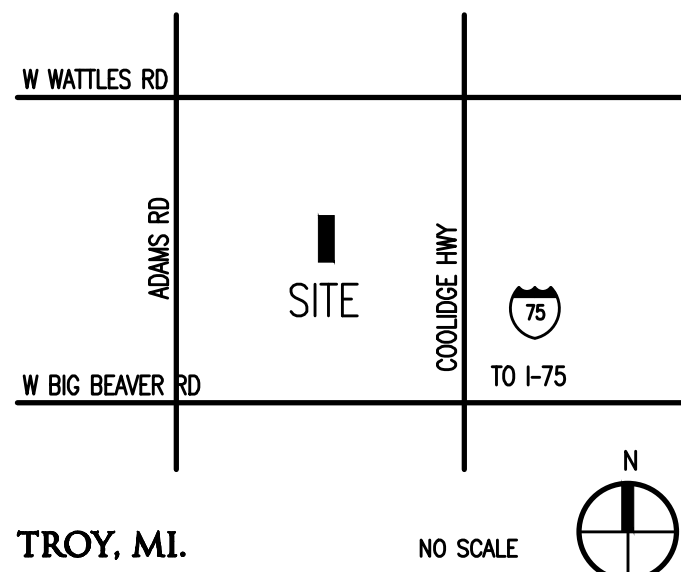

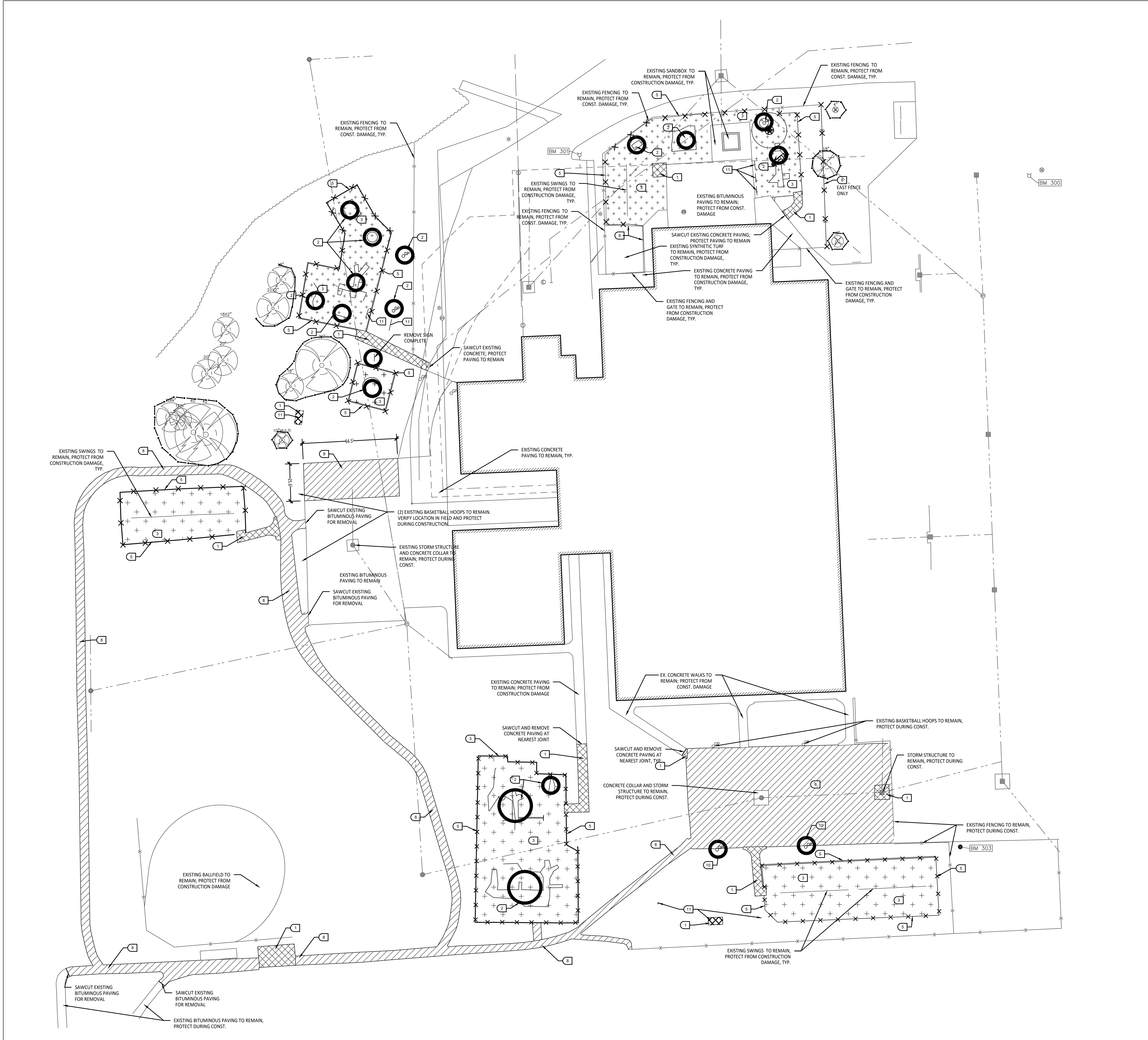
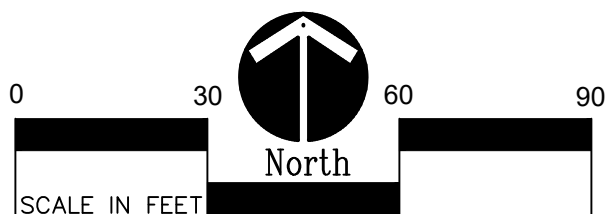


			<div><p>ARCHITECTURE</p><p>T M P ARCHITECTURE I N C</p><p>1191 WEST SQUARE LAKE ROAD · BLOOMFIELD HILLS · MICHIGAN · 48302</p><p>PH · 248.338.4561 FX · 248.338.0223 EM · INFO @TMP-ARCHITECTURE.COM</p></div>					<div><p>PROFESSIONAL ENGINEERING ASSOCIATES</p><p>2430 Rochester Ct, Suite 100 Troy, MI 48063-1872 Phone: (248) 689-9090 Fax: (248) 689-1044 website: www.peainc.com</p></div> <div><p>141 E. Michigan Ave, Suite 500 Kalamazoo, Michigan 49007 Phone (269) 381-3357 Fax (269) 381-2944</p></div>
<div>SCHROEDER ELEMENTARY SCHOOL PLAYGROUND</div> <div>TROY SCHOOL DISTRICT – TROY, MICHIGAN</div>								
<div>2022 BOND PROGRAM – BID PACKAGE NO 01B</div> <div>PROJECT NUMBER 22094B</div> <div>CONSTRUCTION DOCUMENTS</div>								
<div>CONSULTANTS:</div> <div>CIVIL ENGINEER</div> <div><div>PEA GROUP</div><div>CONSULTING ENGINEERS</div><div>1849 POND RUN</div><div>AUBURN HILLS, MICHIGAN 48326</div><div>PHONE: (248) 689-9090</div></div> <div>PLAYGROUND CONSULTANT</div> <div><div>OCBA LANDSCAPE ARCHITECTS</div><div>CONSULTING ENGINEERS</div><div>141 E. MICHIGAN AVE., SUITE 500</div><div>KALAMAZOO, MICHIGAN 49007</div><div>PHONE: (269) 381-3357</div></div>		<div>LIST OF DRAWINGS</div> <div>GENERAL INFORMATION</div> <div>TS.1 COVER SHEET</div> <div>TG.1 GENERAL INFORMATION (NOT ISSUED)</div>	<div>CIVIL</div> <div>C1.0 DEMOLITION PLAN</div> <div>C2.0 OVERALL PLAYGROUND LAYOUT PLAN</div> <div>C2.1 PLAYGROUND LAYOUT ENLARGEMENT PLANS</div> <div>C2.2 PLAYGROUND LAYOUT ENLARGEMENT PLANS</div> <div>C2.3 PLAYGROUND LAYOUT ENLARGEMENT PLANS</div> <div>C3.0 OVERALL PLAYGROUND DRAINAGE PLAN</div> <div>C3.1 PLAYGROUND DRAINAGE ENLARGEMENT PLAN</div> <div>C3.2 PLAYGROUND DRAINAGE ENLARGEMENT PLAN</div> <div>C4.0 DETAILS</div>	<div>CIVIL</div> <div>CE-4.1.0 TOPOGRAPHIC SURVEY</div> <div>CE-4.2.0 DIMENSION & PAVING PLAN</div> <div>CE-4.3.0 GRADING, UTILITY & SOIL EROSION CONTROL PLAN</div> <div>CE-4.4.0 NOTES & DETAILS</div>	<div>LANDSCAPE</div> <div>L1.0 SITE LANDSCAPE PLAN</div>		<div>PROJECT DATA:</div> <div>LOCATION MAP</div> <div></div> <div>TROY, MI.</div> <div>NO SCALE</div> <div></div>	<div>BUILDING:</div> <div>BUILDING AREA(S) = NOT APPLICABLE</div> <div>CODE:</div> <div>GOVERNING CODES:</div> <div>- 2016 SCHOOL FIRE SAFETY RULES</div> <div>- (2012 Life Safety Code, plus amendments)</div> <div>- 2015 MICHIGAN BUILDING CODE</div> <div>- 2015 MICHIGAN REHABILITATION CODE FOR EXISTING BUILDINGS</div> <div>- 2018 MICHIGAN PLUMBING CODE</div> <div>- 2015 MICHIGAN MECHANICAL CODE</div> <div>- 2015 MICHIGAN UNIFORM ENERGY CODE</div> <div>(ANSI/ASHRAE/IES Standard 90.1-2013)</div> <div>- 2017 MICHIGAN ELECTRICAL CODE (2017 NEC, plus Part 8 Rules)</div> <div>- 2010 MICHIGAN ELEVATOR RULES</div> <div>(ASME A17.1-2010, ASME A18.1-2011)</div> <div>- MICHIGAN BARRIER FREE CODE</div> <div>(Michigan Building Code 2015 and ICC A117.1-2009)</div> <div>- 2013 MICHIGAN BOILER CODE RULES</div> <div>(ASME Boiler and Pressure Vessel Code, 2019 edition)</div> <div>(National Board Inspection Code [NBIC], 2019 edition)</div> <div>CONSTRUCTION CLASSIFICATION: II-B(MBC)/11(000)NFPA</div> <div>USE GROUP CLASSIFICATION: E-EDUCATION</div> <div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div> <div>10-03-2024</div> <div>CONSTRUCTION DOCUMENTS</div> <div>DATE</div> <div>ISSUED FOR:</div>
<div>LICENSEE'S STATEMENT:</div> <div>This Document has been prepared under the supervision of the Architect, as the person in Responsible Charge with the firm of TMP ARCHITECTURE, INC. An original embossed or rubber stamp seal and original signature of the Architect is required and shall be affixed to any copy of this Document submitted to a governmental agency for approval or record. This is in conformance with the State of Michigan's PA 299, Article 20 and the General Rules of the Board of Architects.</div> <div>The Architect's seal provided hereon does not take responsibility for certain portions of the Documentation or project requiring the services of a licensed Professional Engineer or other design professional. An original embossed or rubber stamp seal and original signature of the Professional Engineer is required and shall be affixed to any copy of this or other Document submitted to a governmental agency for approval or record. The engineering firms associated with this document are listed above as Consultants.</div>		<div>REGISTRATION SEALS</div>					<div>COPYRIGHT</div> <div>© The "architectural work" displayed on these documents is owned exclusively by TMP Architecture, Inc. and may not be used for any purpose without their involvement or express written consent.</div>	<div>PROJECT TITLE</div> <div>Schroeder Elementary School</div> <div>PROJECT NO.</div> <div>22094B</div> <div>DRAWING NO.</div> <div>TS.1</div>



1 Overall Demolition Plan
SCALE: 1" = 30'-0"



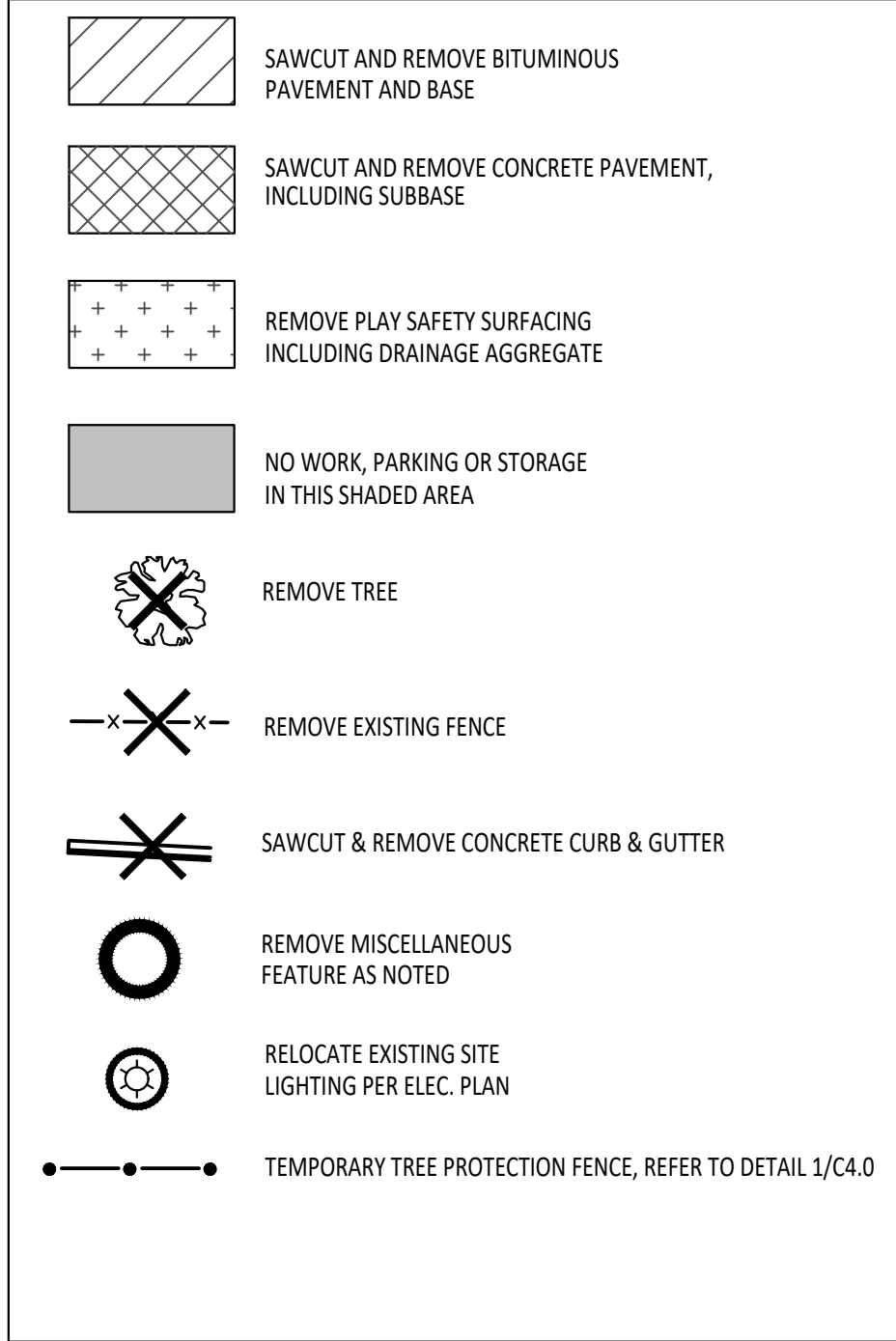
DEMOLITION NOTES:

1. SURVEY OF EXISTING CONDITIONS PROVIDED BY PEA GROUP, 1849 POND RUN, AUBURN HILLS, MI, 48326. 248-689-9090.
2. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171.
3. PROTECT ALL TREES & EXISTING FEATURES TO REMAIN AS SPECIFIED.
4. REFER TO LAYOUT PLAN FOR LIMITS OF WORK.
5. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
6. ALL TOPSOIL AND EXCESS FILL MATERIAL SHALL BE STOCKPILED ON SITE SEPARATELY FOR LATER RE-USE. LOCATE STOCKPILES IN AREAS AS DIRECTED BY CONSTRUCTION MANAGER AND PROTECT FROM EFFECTS OF EROSION.
7. ALL PAVEMENT DEMOLITION TO BE SAWCUT AND REMOVED COMPLETELY, INCLUDING BASE/SUBBASE MATERIALS.
8. ALL EXISTING PLAYGROUND EQUIPMENT TO BE REMOVED **MUST BE DESTROYED COMPLETELY** SO THAT IT CANNOT BE RE-ASSEMBLED. THE CONTRACTOR IS NOT ALLOWED TO RE-USE, DONATE, OR SELL ANY EXISTING PLAYGROUND EQUIPMENT SCHEDULED TO BE DEMOLISHED.
9. IN LOCATIONS WHERE PROPOSED PAVING WILL BE INSTALLED WHERE EXISTING PAVING WAS REMOVED, THE BASE MATERIAL MAY BE LEFT IN PLACE PROVIDED IT IS TESTED TO BE ADEQUATE IN BOTH DEPTH AND GRADATION. IF EITHER OF THESE IS INADEQUATE, THE BASE MATERIAL SHOULD BE REMOVED AND REPLACED.

SITE DEMOLITION KEY

- 1 SAWCUT AND REMOVE EXISTING CONCRETE PAVING INCLUDING SUB-BASE.
- 2 REMOVE EXISTING PLAY EQUIPMENT INCLUDING ALL CONCRETE FOOTINGS. DESTROY ALL PLAY EQUIPMENT COMPLETELY SO THAT IT CANNOT BE RE-ASSEMBLED.
- 3 REMOVE EXISTING PLAY SAFETY SURFACING, INCLUDING DRAINAGE AGGREGATE.
- 4 N/A
- 5 REMOVE EXISTING PLAY EDGING COMPLETELY.
- 6 REMOVE EXISTING FENCING COMPLETELY (INCLUDING FOUNDATIONS)
- 7 N/A
- 8 SAWCUT AND REMOVE EXISTING BITUMINOUS PAVEMENT INCLUDING SUB-BASE.
- 9 OWNER TO CONFIRM POWER DISCONNECTION FROM LIGHT FIXTURE. SITE CONTRACTOR TO CUT WIRE AT A MINIMUM OF 24" BELOW FINISHED GRADE.
- 10 SALVAGE EXISTING PLAY EQUIPMENT, PLAYGROUND CONTRACTOR TO REINSTALL ON SITE.
- 11 SALVAGE EXISTING SITE FURNISHINGS AND REINSTALL AT LOCATION TO BE DETERMINED.
- 12 N/A

DEMOLITION LEGEND:



TREE PROTECTION NOTES:

- PROVIDE AND MAINTAIN TEMPORARY TREE PROTECTION FENCING IN ALL LOCATIONS MARKED BY THE FOLLOWING NOTES AND THE SPECIFICATIONS FOR TREE PROTECTION REQUIREMENTS.
1. NO CONSTRUCTION OPERATIONS, EQUIPMENT, MATERIALS OR TOPSOIL SHALL BE ALLOWED WITHIN THE TREE PROTECTION AREAS.
 2. EXISTING GROUND COVER AND TOPSOIL SHALL NOT BE REMOVED FROM TREE PROTECTION AREAS DURING EARTHWORK PHASE.
 3. VEHICULAR TRAFFIC, PARKING, EQUIPMENT OR MATERIAL STORAGE MAY NOT OCCUR WITHIN THE TREE PROTECTION AREAS AT ANY TIME.
 4. NO EXCAVATION SHALL BE MADE WITHIN THE TREE PROTECTION AREAS EXCEPT AS NOTED OTHERWISE.



TMP ARCHITECTURE INC
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REGISTRATION SEAL

CONSULTANT



141 E. Michigan Avenue, Suite 500
Kalamazoo Michigan 49007
Phone (269) 381-3357
Fax (269) 381-2944

Landscape Architecture
Urban Planning
Parks & Recreation
Campus & Institutional Planning
Camp Planning & Design

PROJECT TITLE

**Schroeder
Elementary School
Playground Remodel
Bld Package No.01B**

**Troy School District
Troy, Michigan**

DRAWING TITLE
Demolition Plan

ISSUE DATES

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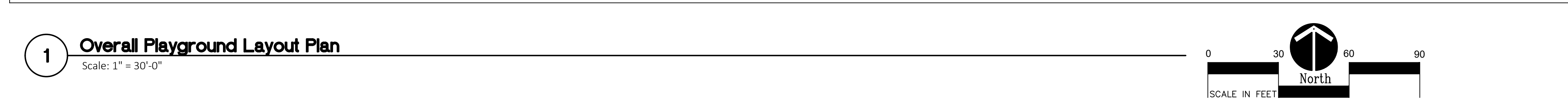
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PROJECT NO.

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DRAWING NO.

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SITE CONTRACTOR AND PLAYGROUND CONTRACTOR ARE REQUIRED TO COORDINATE BOTH WITH EACH OTHER AND WITH CONSTRUCTION MANAGER. THE INSTALLATION PROCESS FOR THE PLAYGROUND SAFETY SURFACING SHOULD BE AS FOLLOWS:

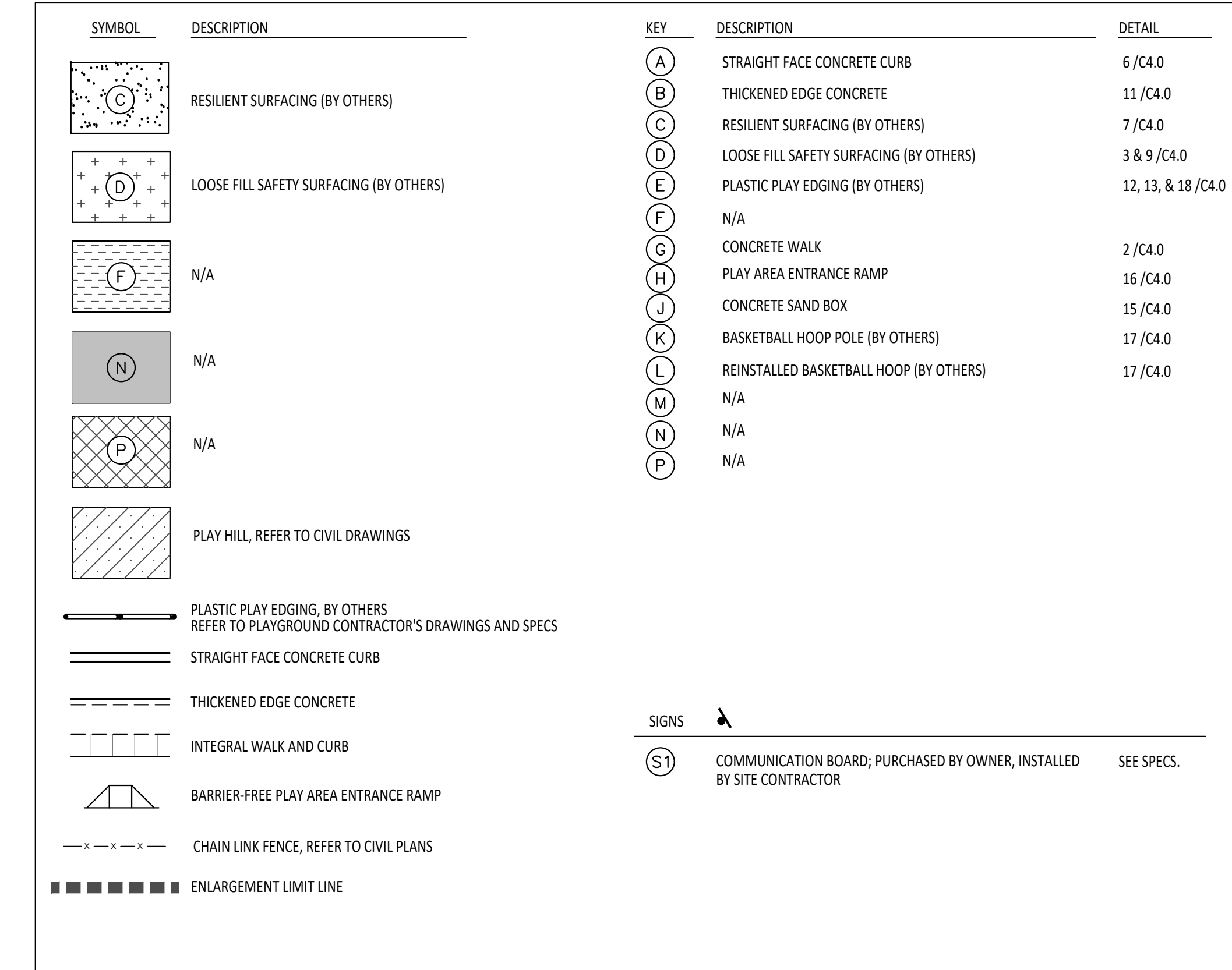
- 1. SITE CONTRACTOR TO EXCAVATE AREA AS SHOWN ON CONSTRUCTION DOCUMENTS.
- 2. SITE CONTRACTOR TO INSTALL UNDERDRAINS AS SHOWN ON CONSTRUCTION DOCUMENTS. SITE CONTRACTOR TO USE LAYOUT SERVICES FROM CADD FILES FOR INSTALLATION TO ENSURE THAT THE UNDERDRAINS ARE INSTALLED IN THE CORRECT LOCATION.
- 3. THE PLAYGROUND CONTRACTOR WILL THEN INSTALL THE POSTS AND FOOTINGS FOR ALL EQUIPMENT.
- 4. THE SITE CONTRACTOR WILL THEN INSTALL THE DRAINAGE AGGREGATE, TAKING CARE NOT TO DAMAGE THE POSTS OR EQUIPMENT. THE PLAY CONTRACTOR WILL THEN INSTALL THE AGGREGATE TO THE ADJUSTED DEPTH OF THE ENGINEERED FILL FOR THE RESILIENT SURFACING AREA. THE SITE CONTRACTOR MUST COORDINATE THE DEPTHS WITH THE PLAYGROUND CONTRACTOR PRIOR TO INSTALLATION AS THE DEPTHS VARY BETWEEN PLAYGROUND CONTRACTORS.
- 5. THE PLAYGROUND CONTRACTOR WILL INSTALL THE GEOTEXTILE FABRIC, PLAYGROUND EQUIPMENT, AND SAFETY SURFACING.

BARRIER-FREE PARKING AND ACCESSIBLE ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND MICHIGAN BARRIER-FREE CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

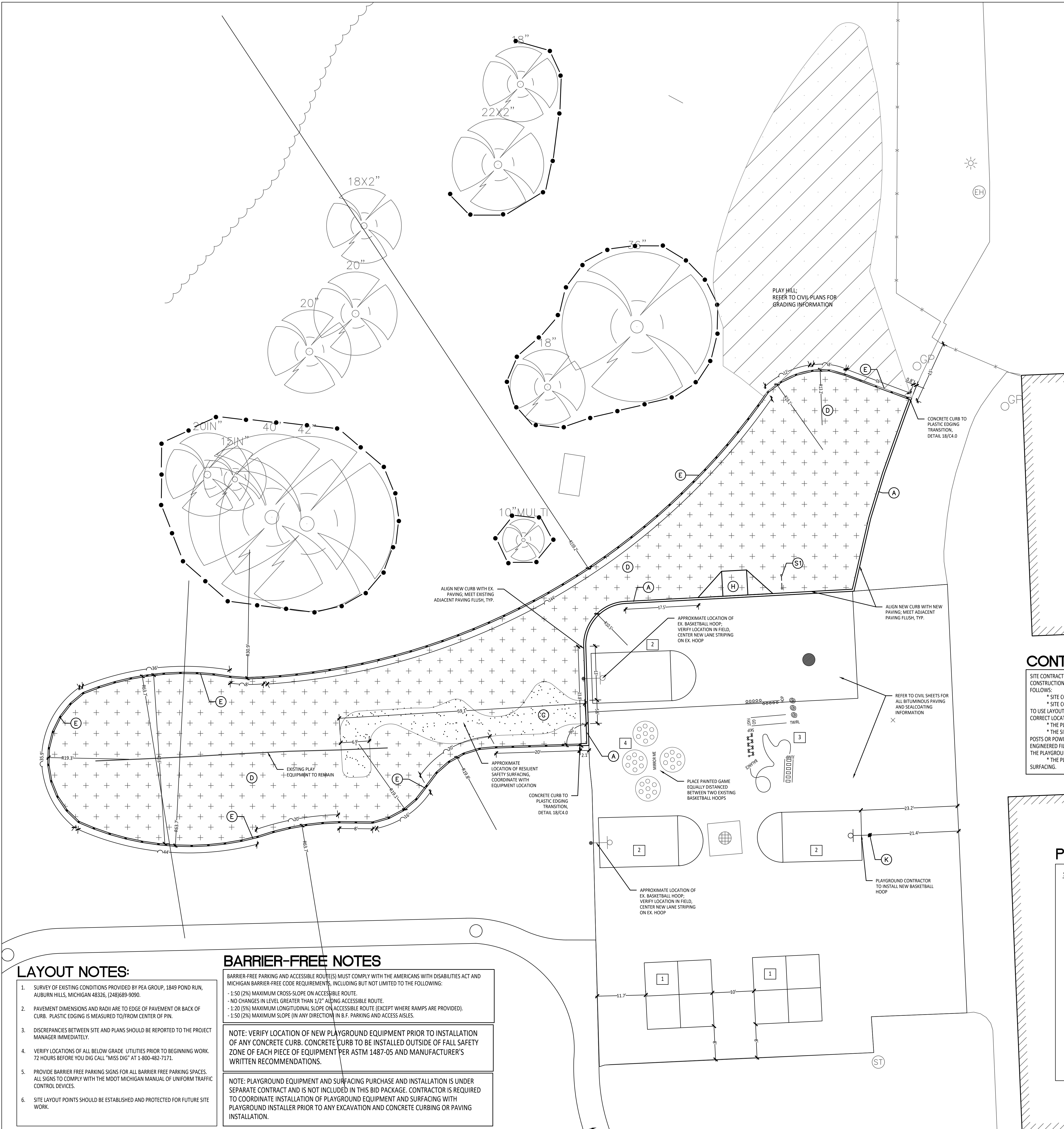
- 1:50 (2%) MAXIMUM CROSS-SLOPE ON ACCESSIBLE ROUTE.
- NO CHANGES IN LEVEL GREATER THAN 1/2" ALONG ACCESSIBLE ROUTE.
- 1:20 (5%) MAXIMUM LONGITUDINAL SLOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED).
- 1:50 (2%) MAXIMUM SLOPE (IN ANY DIRECTION) IN B.F. PARKING AND ACCESS AISLES.

NOTE: VERIFY LOCATION OF NEW PLAYGROUND EQUIPMENT PRIOR TO INSTALLATION OF ANY CONCRETE CURB. CONCRETE CURB TO BE INSTALLED OUTSIDE OF FALL SAFETY ZONE OF EACH PIECE OF EQUIPMENT PER ASTM 1487-05 AND MANUFACTURER'S WRITTEN RECOMMENDATIONS.

1. SURVEY OF EXISTING CONDITIONS PROVIDED BY FEA GROUP, 1849 POND RUN, AUBURN HILLS, MICHIGAN 48326, (248)698-9090.
2. PAVEMENT DIMENSIONS AND RADII ARE TO EDGE OF PAVEMENT OR BACK OF CURB. PLASTIC ELEVATION IS MEASURED TO FROM CENTER OF PIN.
3. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
4. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171.
5. PROVIDE BARRIER FREE PARKING SIGNS FOR ALL BARRIER FREE PARKING SPACES. ALL SIGNS TO COMPLY WITH THE MDOOT MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
6. SITE YALOW POINTS SHOULD BE ESTABLISHED AND PROTECTED FOR FUTURE SITE WORK.



C2.1



PROPOSED FEATURES LEGEND:

SYMBOL	DESCRIPTION
	RESILIENT SURFACING (BY OTHERS)
	LOOSE FILL SAFETY SURFACING (BY OTHERS)
	SYNTHETIC TURF (BY OTHERS)
	N/A
	N/A
	PLAY HILL, REFER TO CIVIL DRAWINGS
	PLASTIC PLAY EDGING, BY OTHERS REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS
	STRAIGHT FACE CONCRETE CURB
	THICKENED EDGE CONCRETE
	INTEGRAL WALK AND CURB
	BARrier-FREE PLAY AREA ENTRANCE RAMP
	CHAIN LINK FENCE, REFER TO CIVIL PLANS
	ENLARGEMENT LIMIT LINE

KEY	DESCRIPTION	DETAIL
(A)	STRAIGHT FACE CONCRETE CURB	6 / C4.0
(B)	THICKENED EDGE CONCRETE	11 / C4.0
(C)	RESILIENT SURFACING (BY OTHERS)	7 / C4.0
(D)	LOOSE FILL SAFETY SURFACING (BY OTHERS)	3 & 9 / C4.0
(E)	PLASTIC PLAY EDGING (BY OTHERS)	12, 13, & 18 / C4.0
(F)	N/A	
(G)	CONCRETE WALK	2 / C4.0
(H)	PLAY AREA ENTRANCE RAMP	16 / C4.0
(J)	N/A	
(K)	BASKETBALL HOOP POLE (BY OTHERS)	17 / C4.0
(L)	REINSTALLED BASKETBALL HOOP (BY OTHERS)	17 / C4.0
(M)	N/A	
(N)	N/A	
(P)	N/A	

SIGNS	DESCRIPTION	DETAIL
(S)	COMMUNICATION BOARD; PURCHASED BY OWNER, INSTALLED BY SITE CONTRACTOR	10 / C4.0

CONTRACTOR COORDINATION NOTES:

SITE CONTRACTOR AND PLAYGROUND CONTRACTOR ARE REQUIRED TO COORDINATE BOTH WITH EACH OTHER AND WITH CONSTRUCTION MANAGER. THE INSTALLATION PROCESS FOR THE PLAYGROUND SAFETY SURFACING SHOULD BE AS FOLLOWS:

- * SITE CONTRACTOR TO EXCAVATE AREA AS SHOWN ON CONSTRUCTION DOCUMENTS.
- * SITE CONTRACTOR TO INSTALL UNDERDRAINS AS SHOWN ON CONSTRUCTION DOCUMENTS. SITE CONTRACTOR TO USE LAYOUT SERVICES FROM CADD FILES FOR INSTALLATION TO ENSURE THAT THE UNDERDRAINS ARE INSTALLED IN THE CORRECT LOCATIONS.
- * THE PLAYGROUND CONTRACTOR WILL THEN INSTALL THE POSTS AND FOOTINGS FOR ALL EQUIPMENT.
- * THE SITE CONTRACTOR WILL THEN INSTALL THE DRAINAGE AGGREGATE, TAKING CARE TO NOT DAMAGE THE POSTS OR POWDERCOATING OF THE PLAY EQUIPMENT. THE SITE CONTRACTOR WILL ALSO INSTALL THE ADDITIONAL ENGINEERED FILL FOR THE RESILIENT SURFACING AREAS. THE SITE CONTRACTOR MUST COORDINATE THE DEPTHS WITH THE PLAYGROUND CONTRACTOR PRIOR TO INSTALLATION AS THE DEPTHS VARY BETWEEN PLAYGROUND CONTRACTORS.
- * THE PLAYGROUND CONTRACTOR WILL INSTALL THE GEOTEXTILE FABRIC, PLAYGROUND EQUIPMENT, AND SAFETY SURFACING.

PAINTED GAMES SCHEDULE:

SYMBOL	DESCRIPTION	DETAIL
1	FOUR SQUARE	3 / C2.1
2	BASKETBALL LANE LAYOUT	2 / C2.0
3	SILLY TRACK	3 / C2.0
4	MIRROR ME	2 / C2.1
5	N/A	
6	FITNESS AGILITY LADDER	4 / C2.1
7	N/A	
8	N/A	
9	N/A	
10	N/A	
11	N/A	

LAYOUT NOTES:

1. SURVEY OF EXISTING CONDITIONS PROVIDED BY PEA GROUP, 1849 POND RUN, AUBURN HILLS, MICHIGAN 48326, (248)689-9090.
2. PAVEMENT DIMENSIONS AND RADII ARE TO EDGE OF PAVEMENT OR BACK OF CURB. PLASTIC EDGING IS MEASURED TO/ FROM CENTER OF PIN.
3. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
4. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171.
5. PROVIDE BARRIER FREE PARKING SIGNS FOR ALL BARRIER FREE PARKING SPACES. ALL SIGNS TO COMPLY WITH THE MDOOT MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
6. SITE LAYOUT POINTS SHOULD BE ESTABLISHED AND PROTECTED FOR FUTURE SITE WORK.

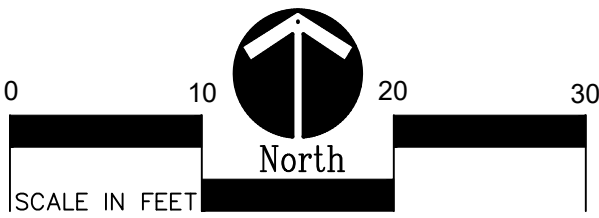
BARrier-FREE NOTES

BARrier-FREE PARKING AND ACCESSIBLE ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND MICHIGAN BARrier-FREE CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- 1:50 (2%) MAXIMUM CROSS-SLOPE ON ACCESSIBLE ROUTE.
- NO CHANGES IN LEVEL GREATER THAN 1/2" ALONG ACCESSIBLE ROUTE.
- 1:20 (5%) MAXIMUM LONGITUDINAL SLOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED).
- 1:50 (2%) MAXIMUM SLOPE (IN ANY DIRECTION) IN B.F. PARKING AND ACCESS AISLES.

NOTE: VERIFY LOCATION OF NEW PLAYGROUND EQUIPMENT PRIOR TO INSTALLATION OF ANY CONCRETE CURB. CONCRETE CURB TO BE INSTALLED OUTSIDE OF FALL SAFETY ZONE OF EACH PIECE OF EQUIPMENT PER ASTM 1487-05 AND MANUFACTURER'S WRITTEN RECOMMENDATIONS.

NOTE: PLAYGROUND EQUIPMENT AND SURFACING PURCHASE AND INSTALLATION IS UNDER SEPARATE CONTRACT AND IS NOT INCLUDED IN THIS BID PACKAGE. CONTRACTOR IS REQUIRED TO COORDINATE INSTALLATION OF PLAYGROUND EQUIPMENT AND SURFACING WITH PLAYGROUND INSTALLER PRIOR TO ANY EXCAVATION AND CONCRETE CURBING OR PAVING INSTALLATION.



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REGISTRATION SEAL

CONSULTANT



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Landscape Architecture
Urban Planning
Parks & Recreation
Campus & Institutional Planning
Camp Planning & Design

PROJECT TITLE

**Schroeder
Elementary School
Playground Remodel
Bld Package No.01B**

**Troy School District
Troy, Michigan**

DRAWING TITLE

**Playground Layout
Enlargement Plans**

ISSUE DATES

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10-03-2024	CONSTRUCTION DOCUMENTS

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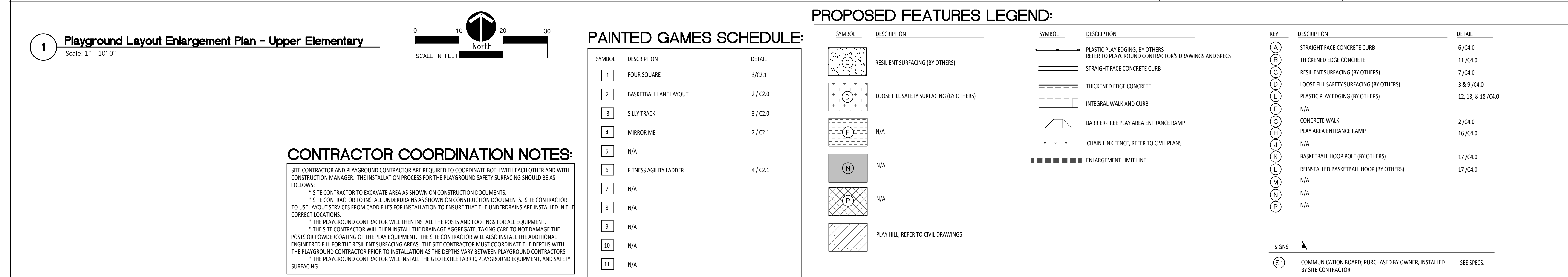
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PROJECT NO.

22094B

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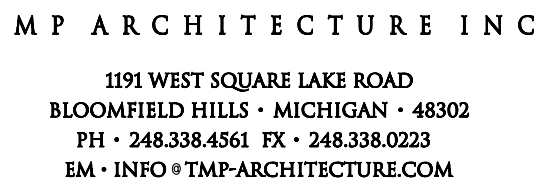
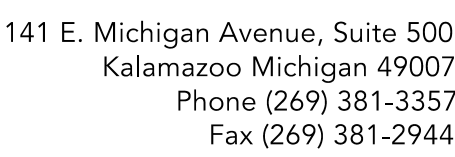
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**REGISTRATION SEAL**

Landscape Architecture
Urban Planning
Parks & Recreation
Campus & Institutional Planning
Camp Planning & Design

PROJECT TITLE

Schroeder Elementary School Playground Remodel Bld Package No.01B

Troy School District
Troy, Michigan

DRAWING TITLE
Playground Layout
Enlargement Plans

ISSUE DATES

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DATE: ISSUED FOR:

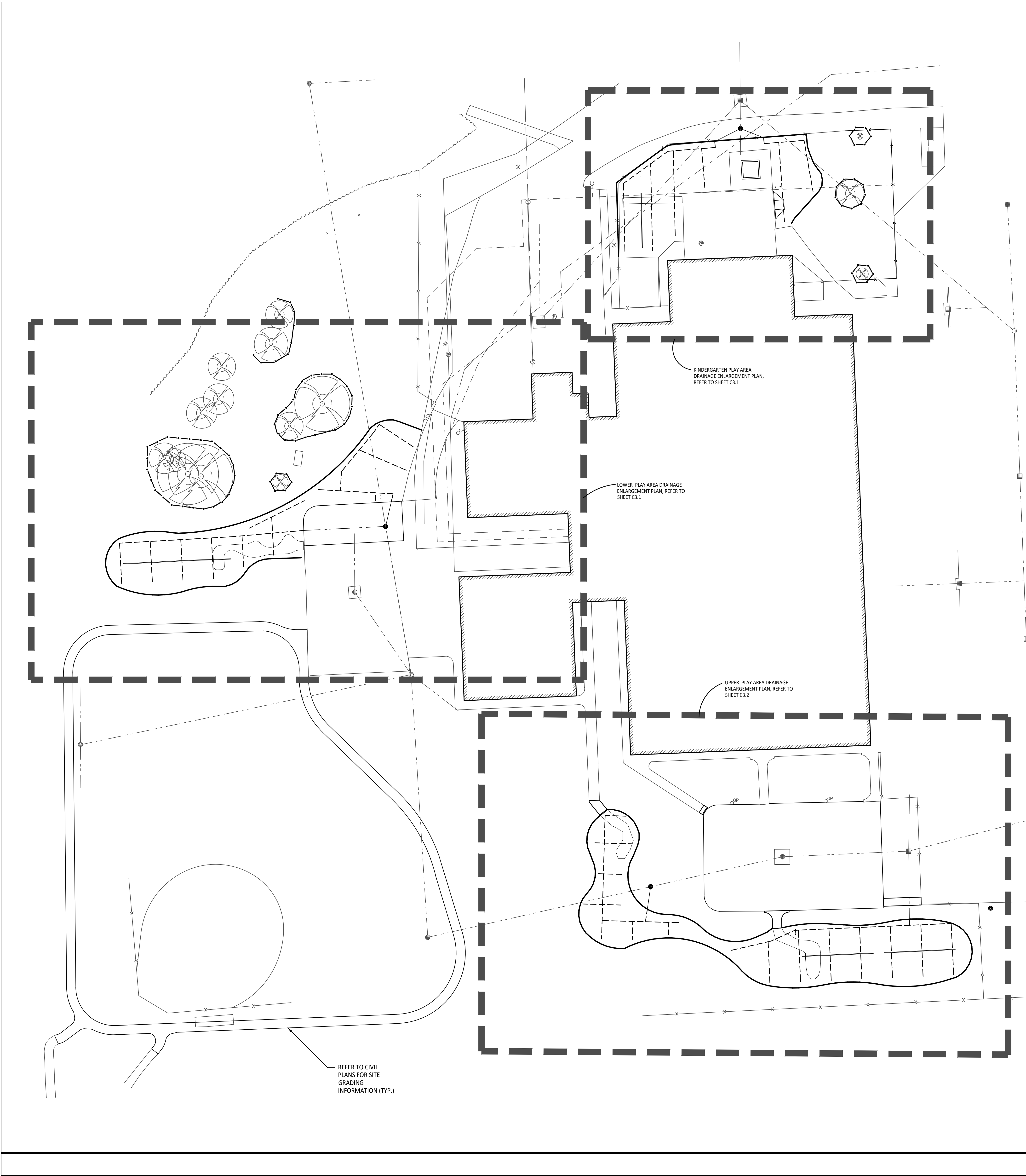
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PROJECT NO.

22094B

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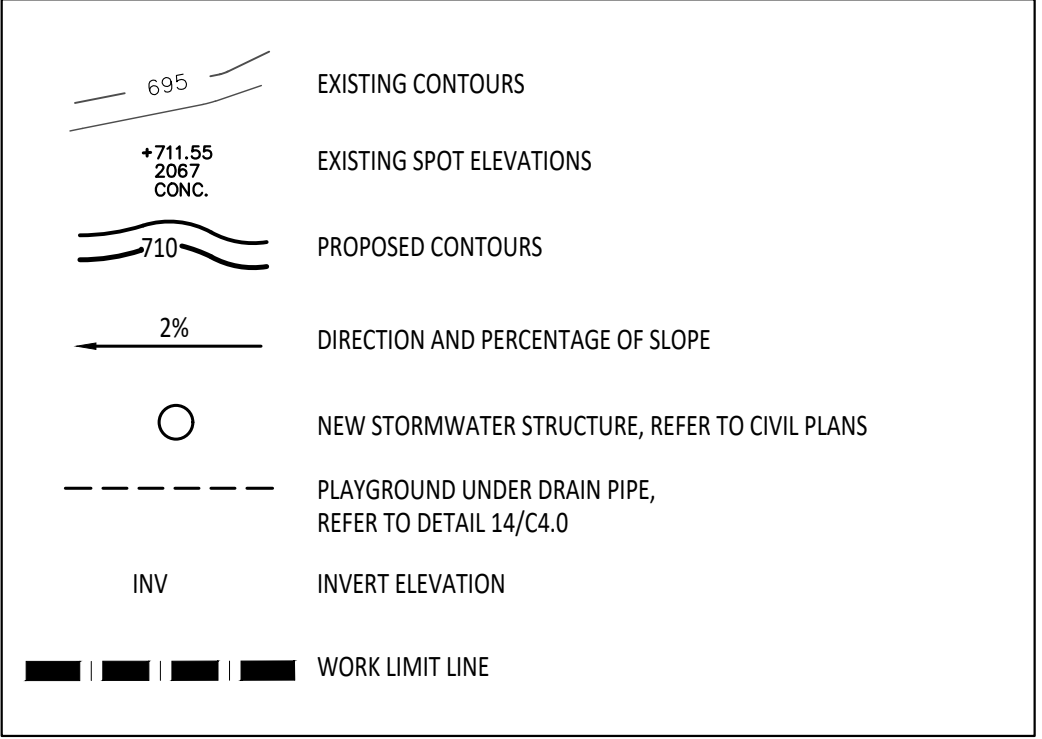
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GRADING NOTES:

1. SURVEY OF EXISTING CONDITIONS PROVIDED BY PEA GROUP, 1849 POND RUN, AUBURN HILLS, MICHIGAN, 48326, (248)689-9090.
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4. ALL NEW PAVEMENT ELEVATIONS AT EXTERIOR DOORS SHALL MATCH EXISTING FINISH FLOOR ELEVATIONS, TYPICAL.
5. ADJUST TOP OF EXISTING MANHOLES, CATCH BASINS, VAULT COVERS, ETC. TO NEW FINISH GRADE AS REQUIRED.
6. SEE SITE CIVIL PLANS FOR ALL ADDITIONAL SITE UTILITY DEMOLITION AND CONSTRUCTION.
7. ALL TOPSOIL AND EXCESS FILL MATERIAL SHALL BE STOCKPILED ON SITE SEPARATELY FOR LATER RE-USE. LOCATE STOCKPILES IN AREAS AS DIRECTED BY CONSTRUCTION MANAGER AND PROTECT FROM EFFECTS OF EROSION.

PROPOSED FEATURES LEGEND:



IMPORTANT NOTE

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TMP ARCHITECTURE INC
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BLOOMFIELD HILLS • MICHIGAN • 48302
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EM • INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT



141 E. Michigan Avenue, Suite 500
Kalamazoo Michigan 49007
Phone (269) 381-3357
Fax (269) 381-2944

Landscape Architecture
Urban Planning
Parks & Recreation
Campus & Institutional Planning
Camp Planning & Design

PROJECT TITLE

**Schroeder
Elementary School
Playground Remodel
Bld Package No.01B**

**Troy School District
Troy, Michigan**

DRAWING TITLE

**Overall Playground
Drainage Plan**

ISSUE DATES

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10-03-2024 CONSTRUCTION DOCUMENTS

DATE: ISSUED FOR:

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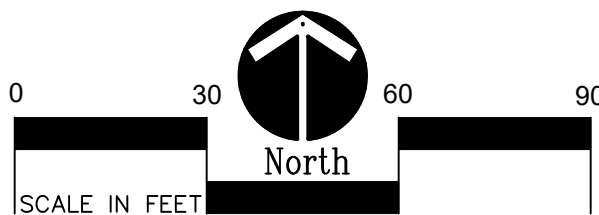
APPROVED DID

PROJECT NO.

22094B

DRAWING NO.

C3.0

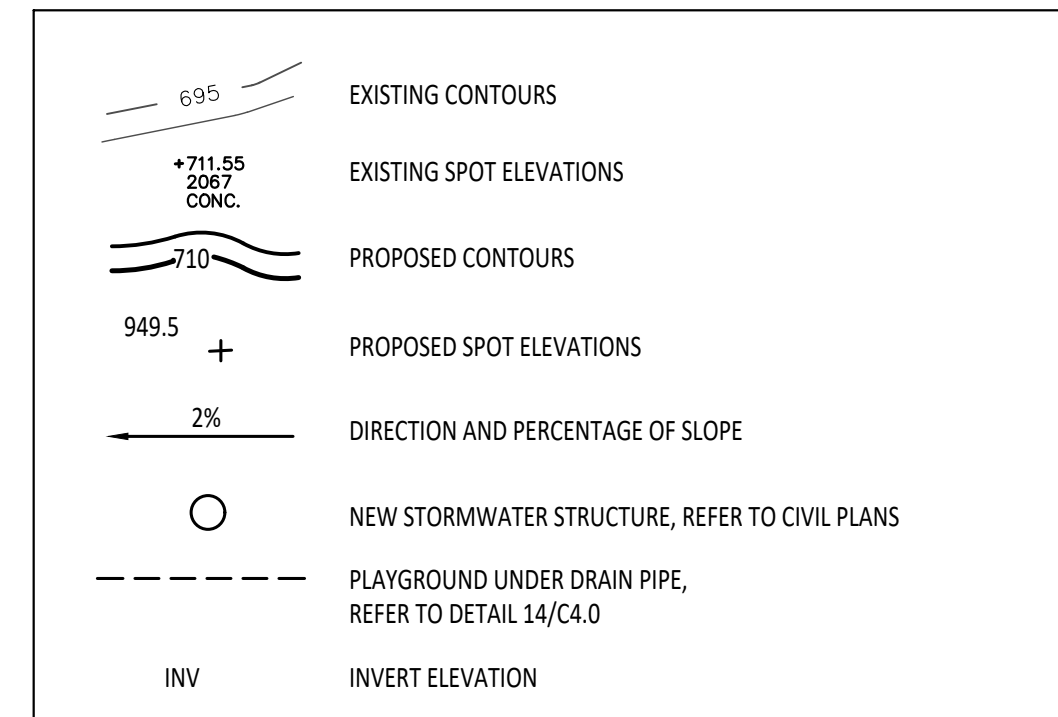




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PROPOSED FEATURES LEGEND:



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Landscape Architecture
Urban Planning
Parks & Recreation
Campus & Institutional Planning
Camp Planning & Design

PROJECT TITLE

Schroeder Elementary School Playground Remodel Bld Package No.01B

Troy School District
Troy, Michigan

DRAWING TITLE
Playground Drainage
Enlargement Plan

ISSUE DATES

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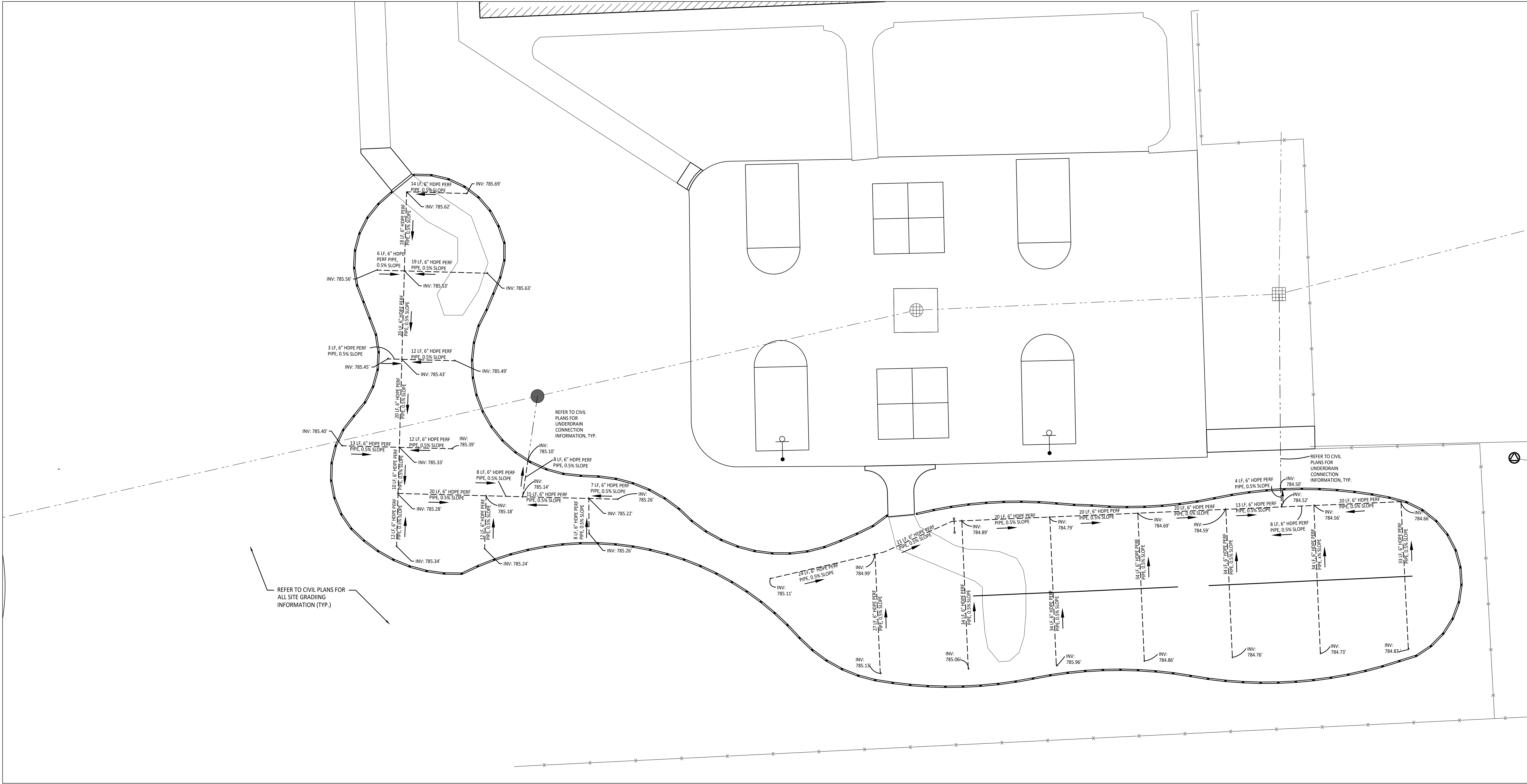
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PROJECT NO.

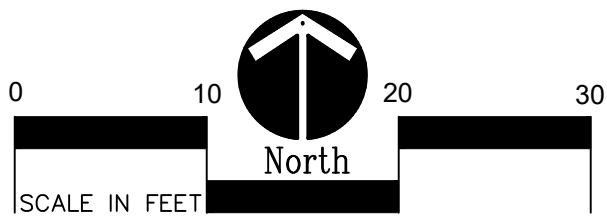
22094B

DRAWING NO.

C3.1



1 Playground Drainage Enlargement Plan - Upper Elementary Play Area
1" = 10'-0"



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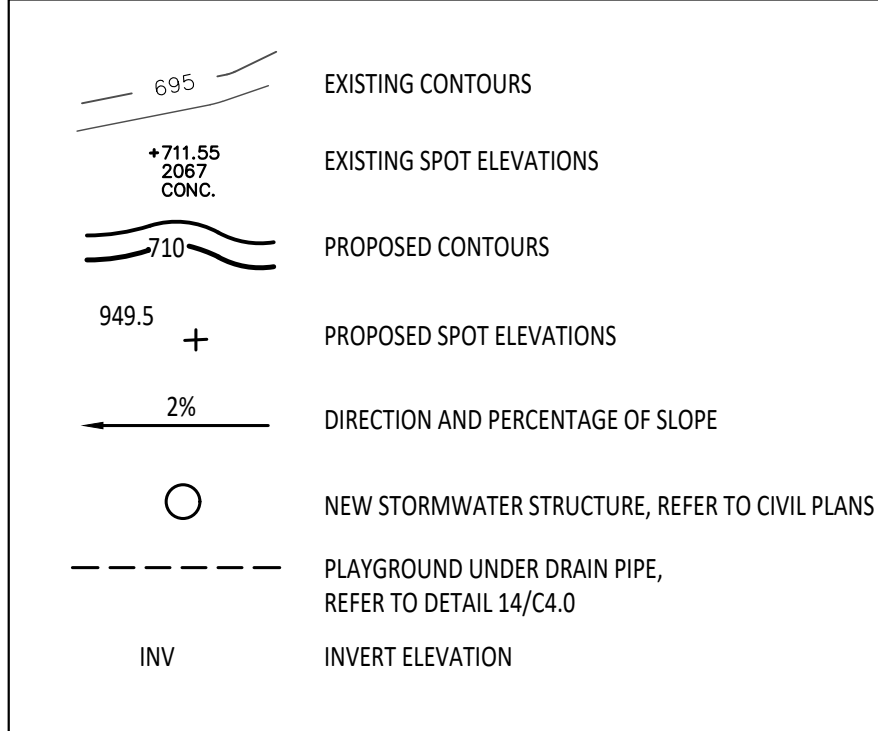
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Landscape Architecture
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Parks & Recreation
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Camp Planning & Design

PROJECT TITLE
**Schroeder
Elementary School
Playground Remodel
Bld Package No.01B**

**Troy School District
Troy, Michigan**

DRAWING TITLE
**Playground Drainage
Enlargement Plan**

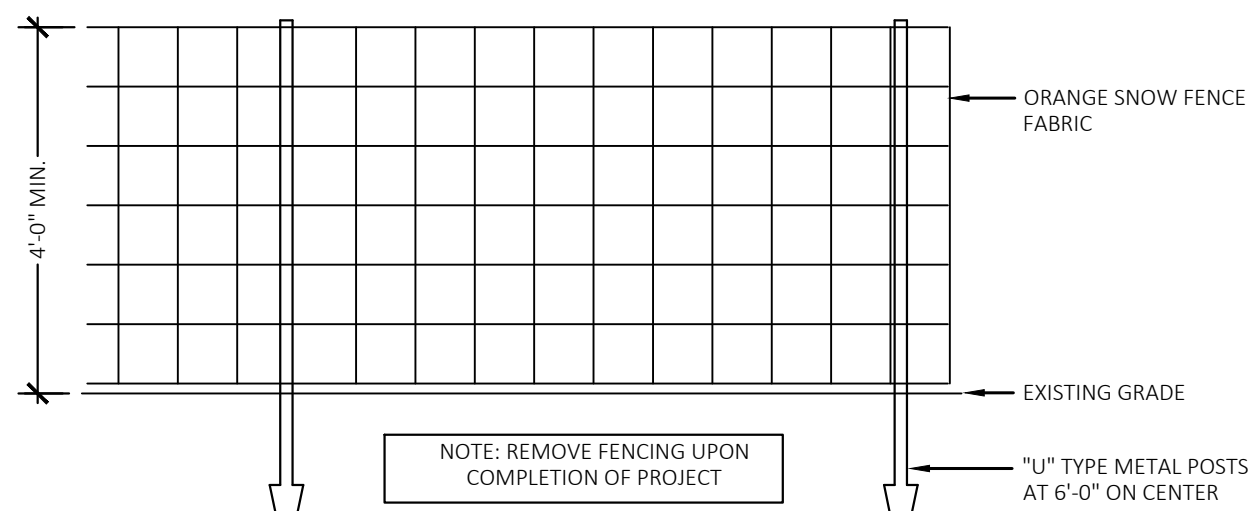
ISSUE DATES

10-03-2024	CONSTRUCTION DOCUMENTS

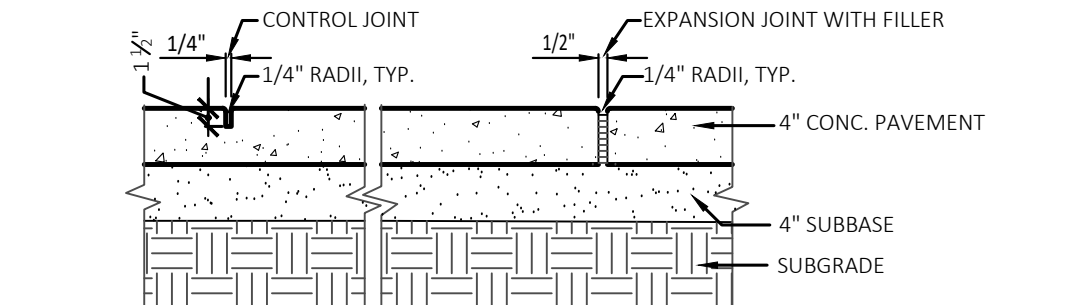
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PROJECT NO.
22094B

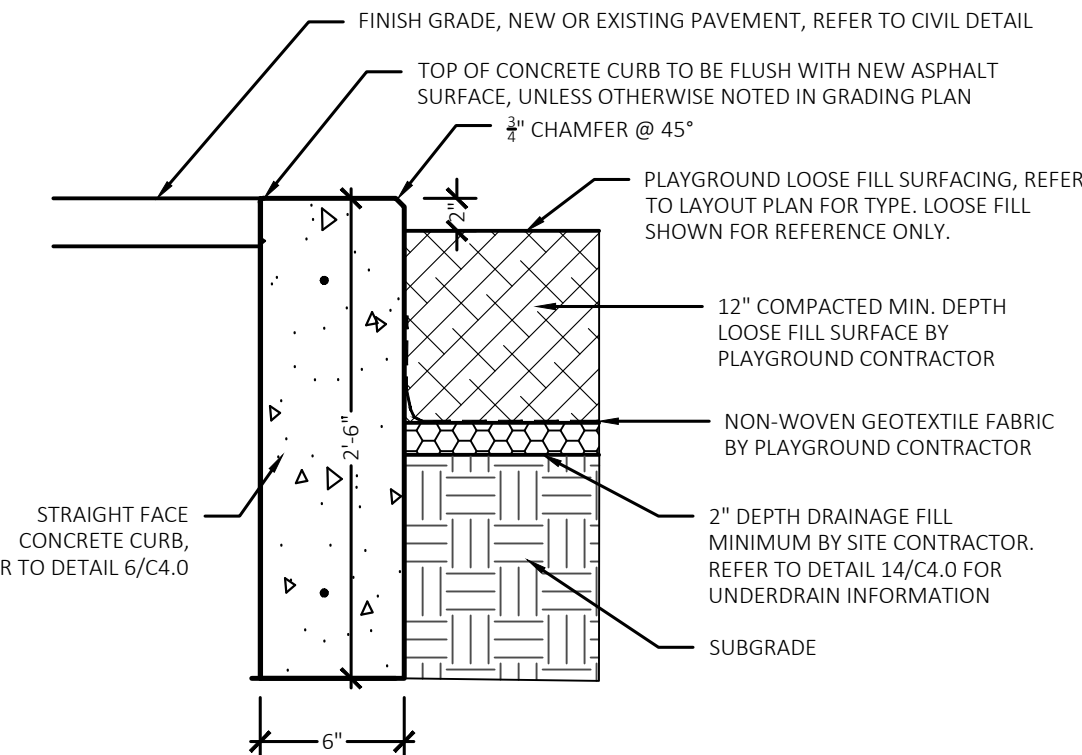
DRAWING NO.
C3.2



1 Tree Protection Fencing Detail
NOT TO SCALE



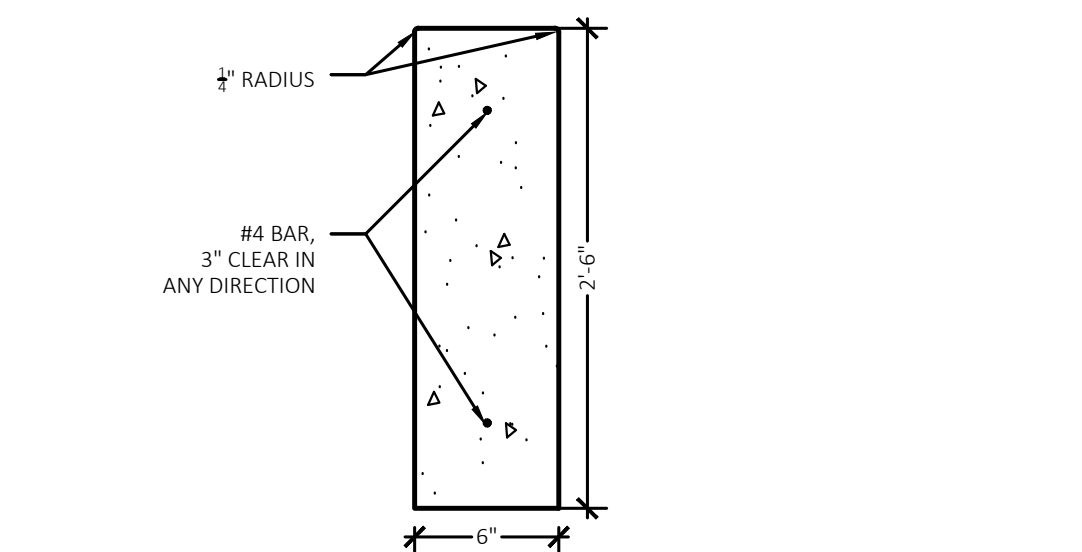
2 Section-Conc. Paving + Jointing
NOT TO SCALE



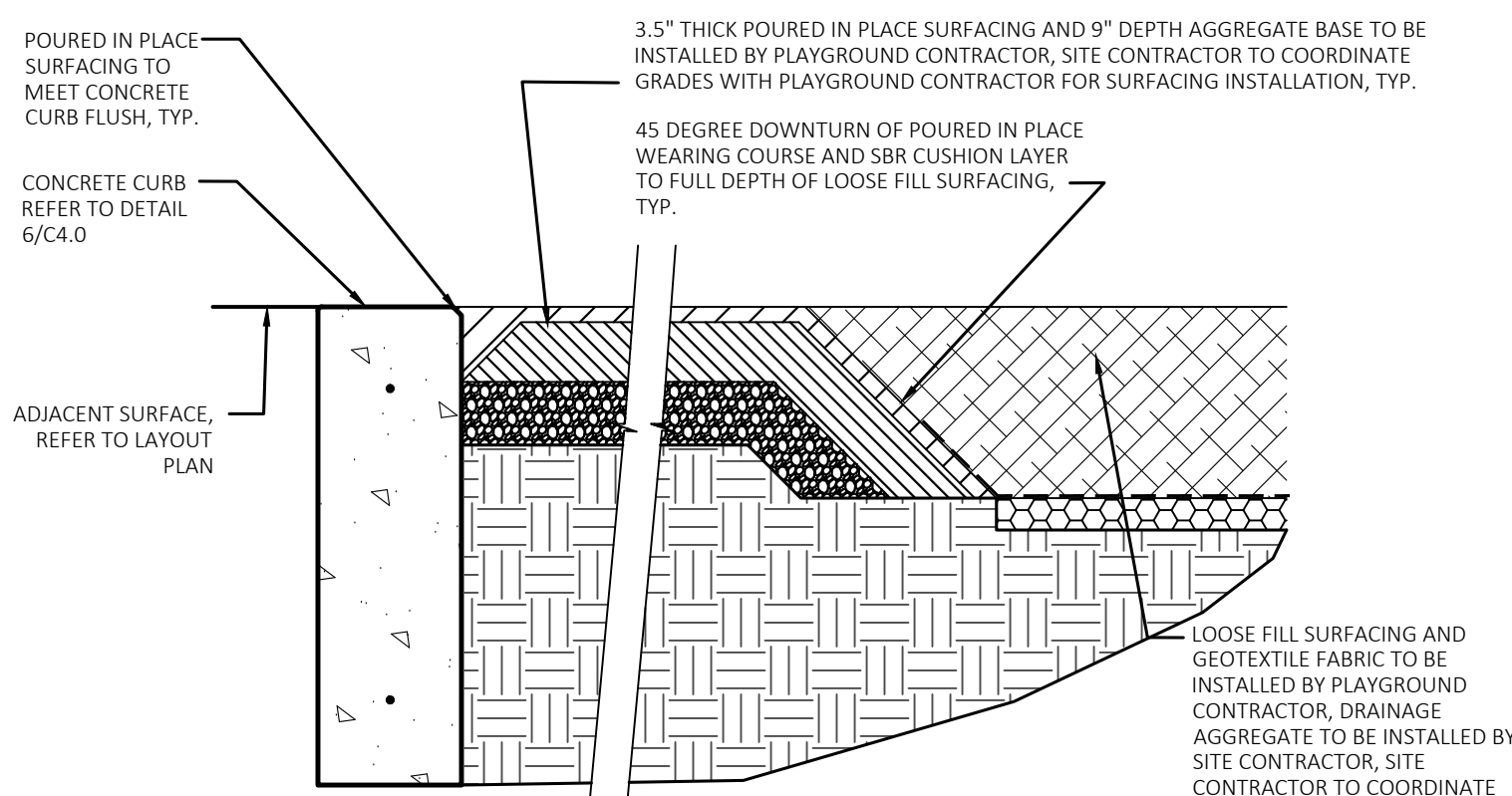
3 New Concrete Curb to Paving Loose Fill Play Surfacing Detail
Not to Scale

4 N/A
Not to Scale

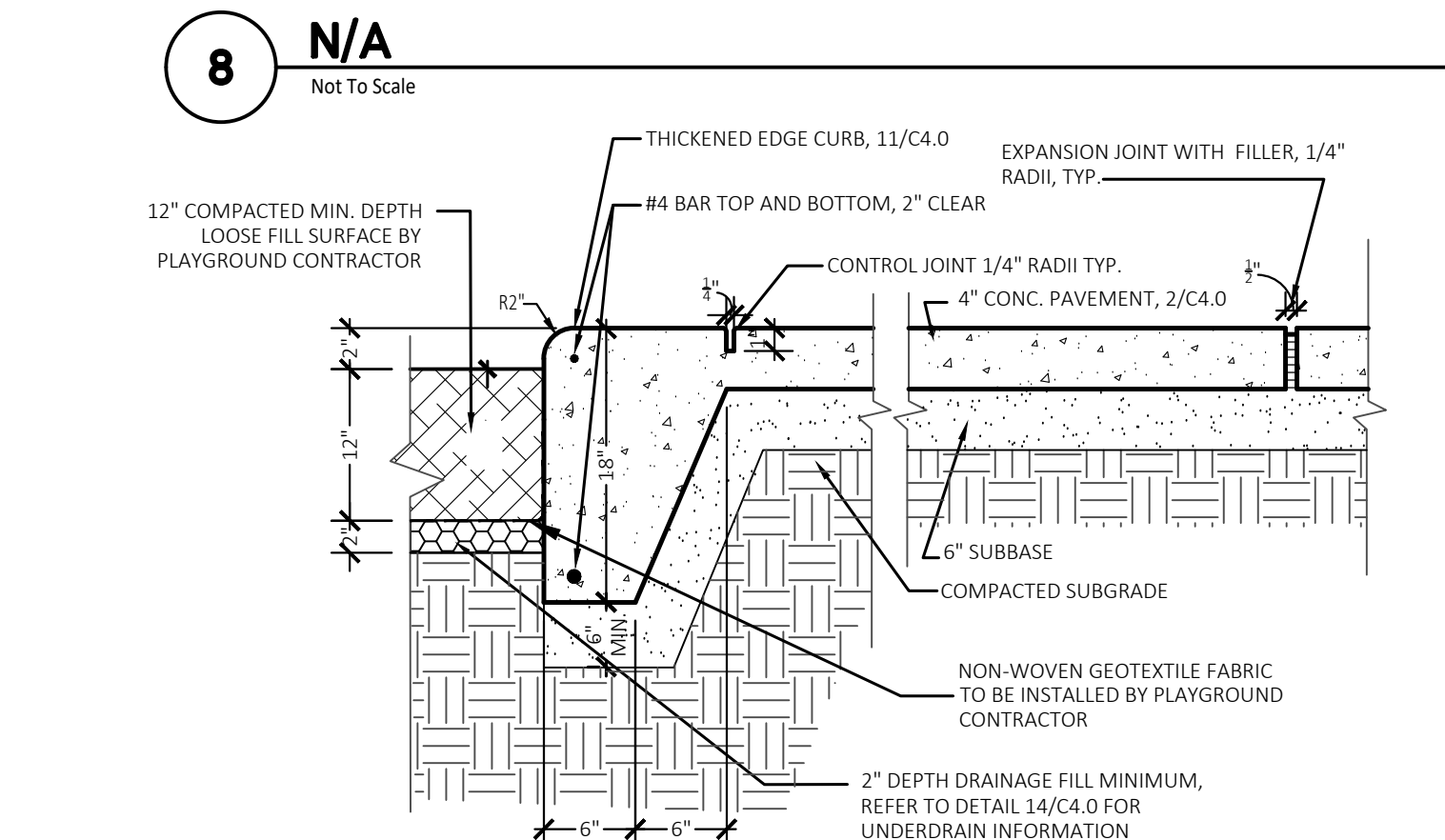
5 N/A



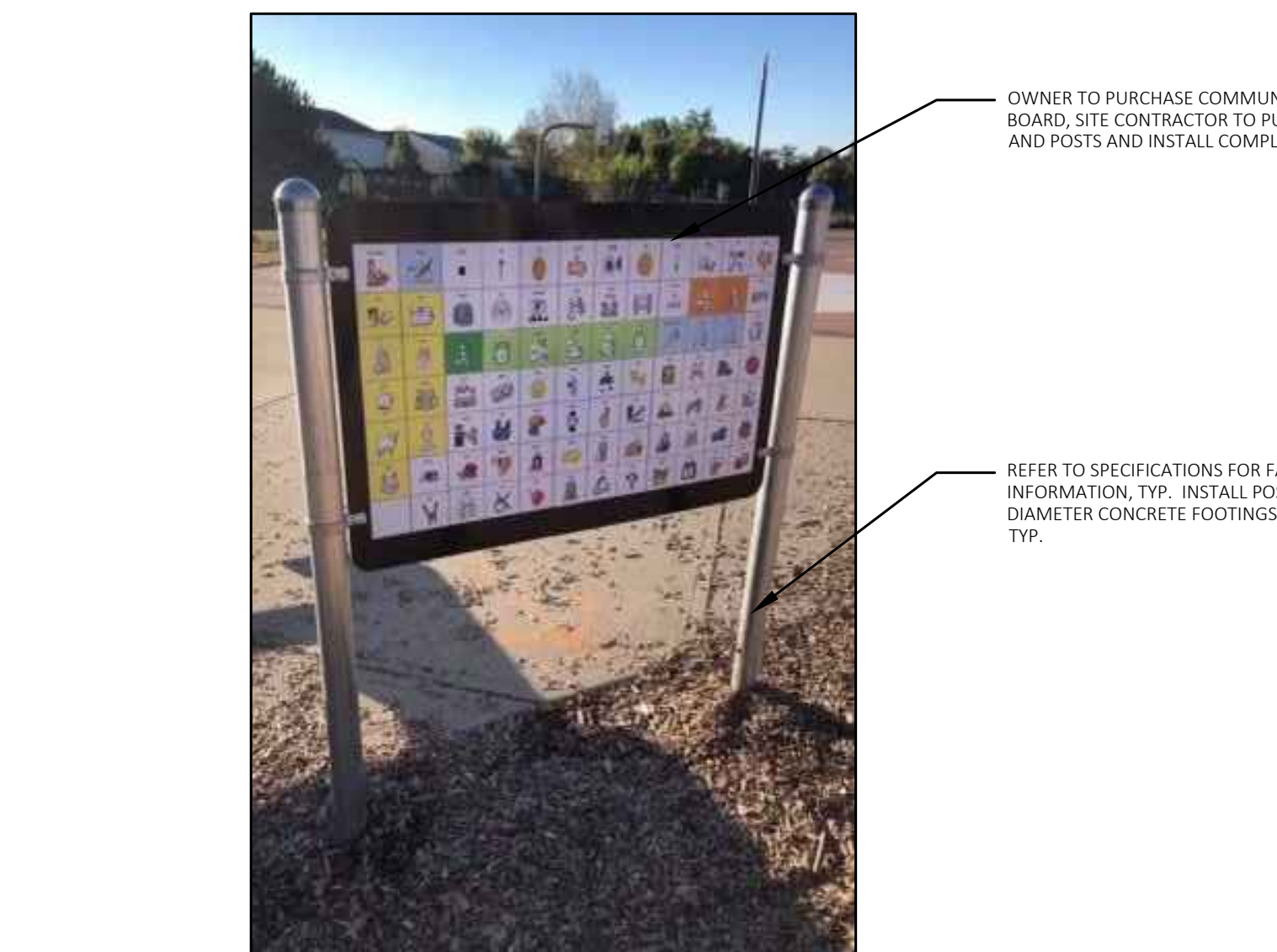
6 Straight Face Concrete Curb Detail
NOT TO SCALE



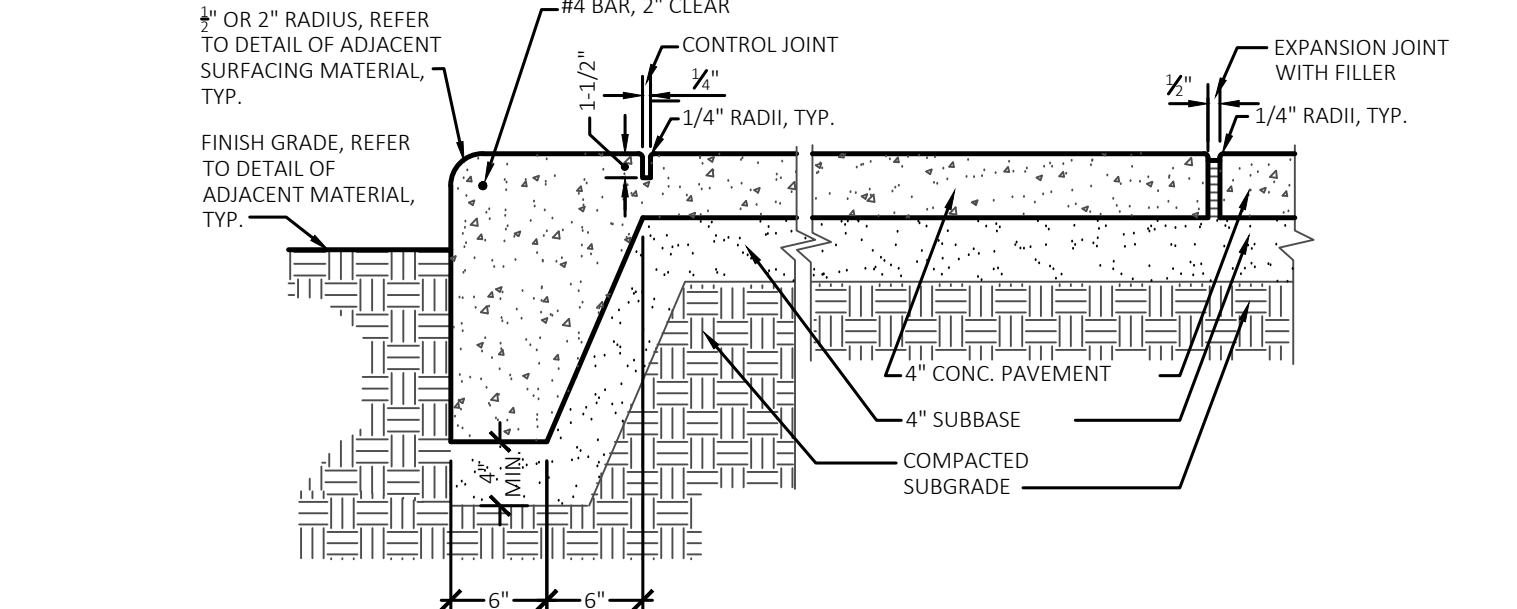
7 Poured in Place Surfacing Transition to Loose Fill Surfacing and Concrete Curb Detail
NOT TO SCALE



8 N/A
Not to Scale

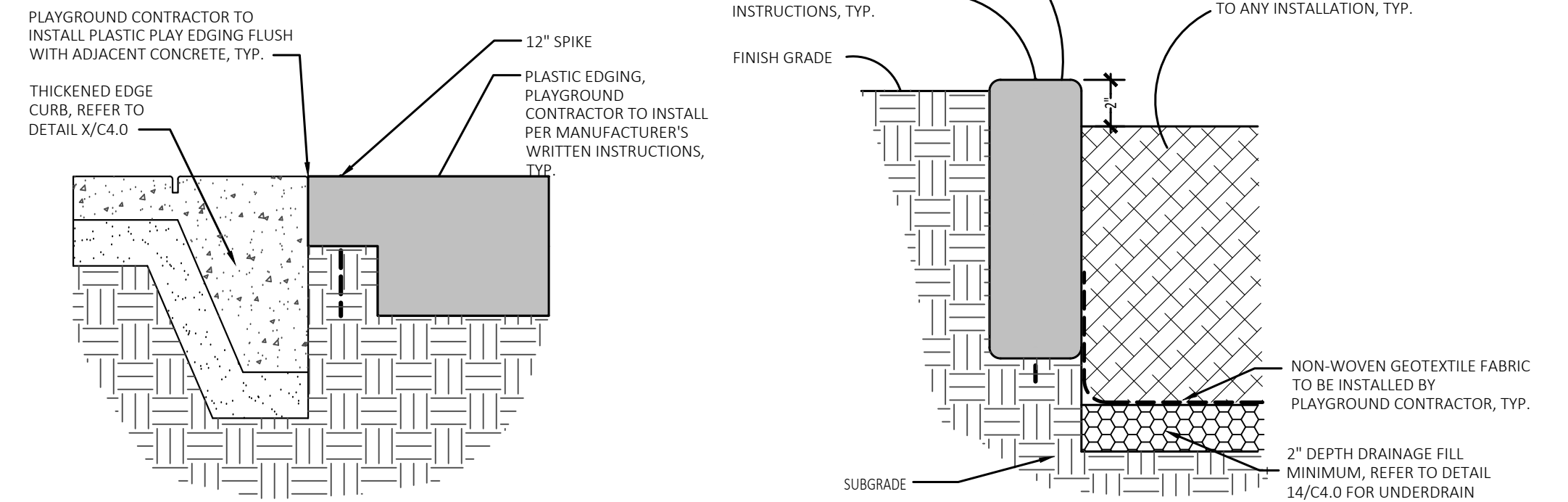


9 N/A
Not to Scale

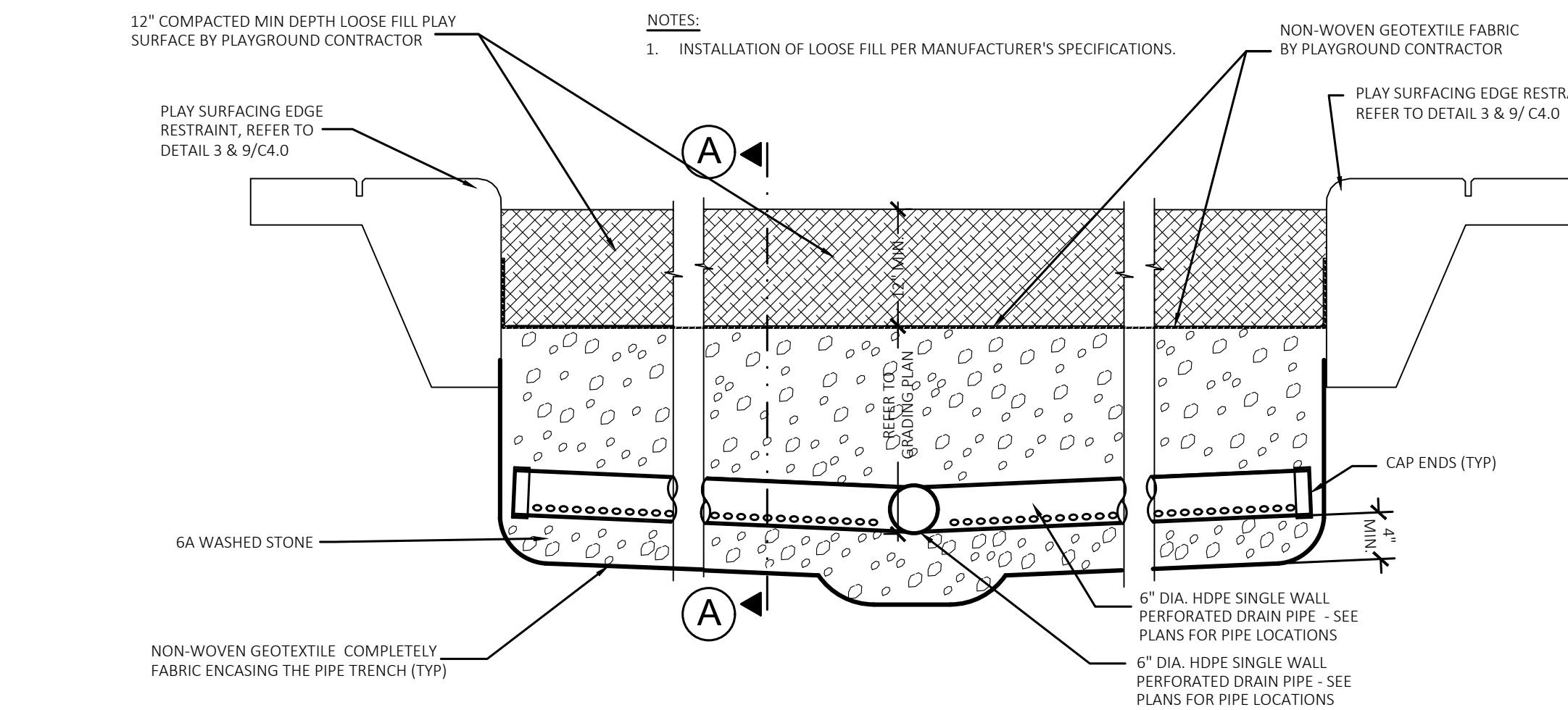


10 Communication Board Detail
Not to Scale

11 Thickened Edge Curb Detail
Not to Scale



12 Thickened Edge Curb to Plastic Edging Transition Detail
Not to Scale



13 Playground Drainage Detail
NOT TO SCALE

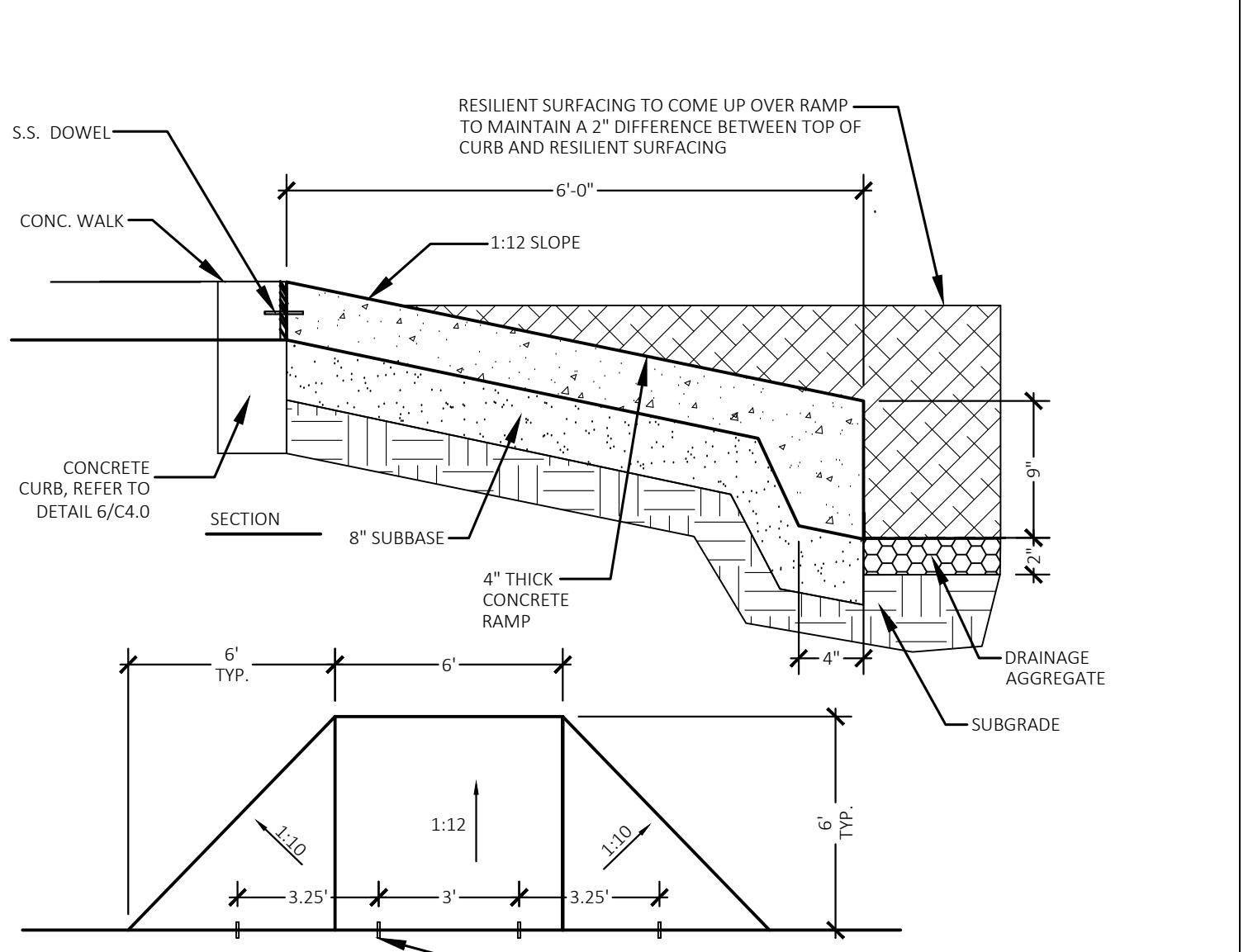


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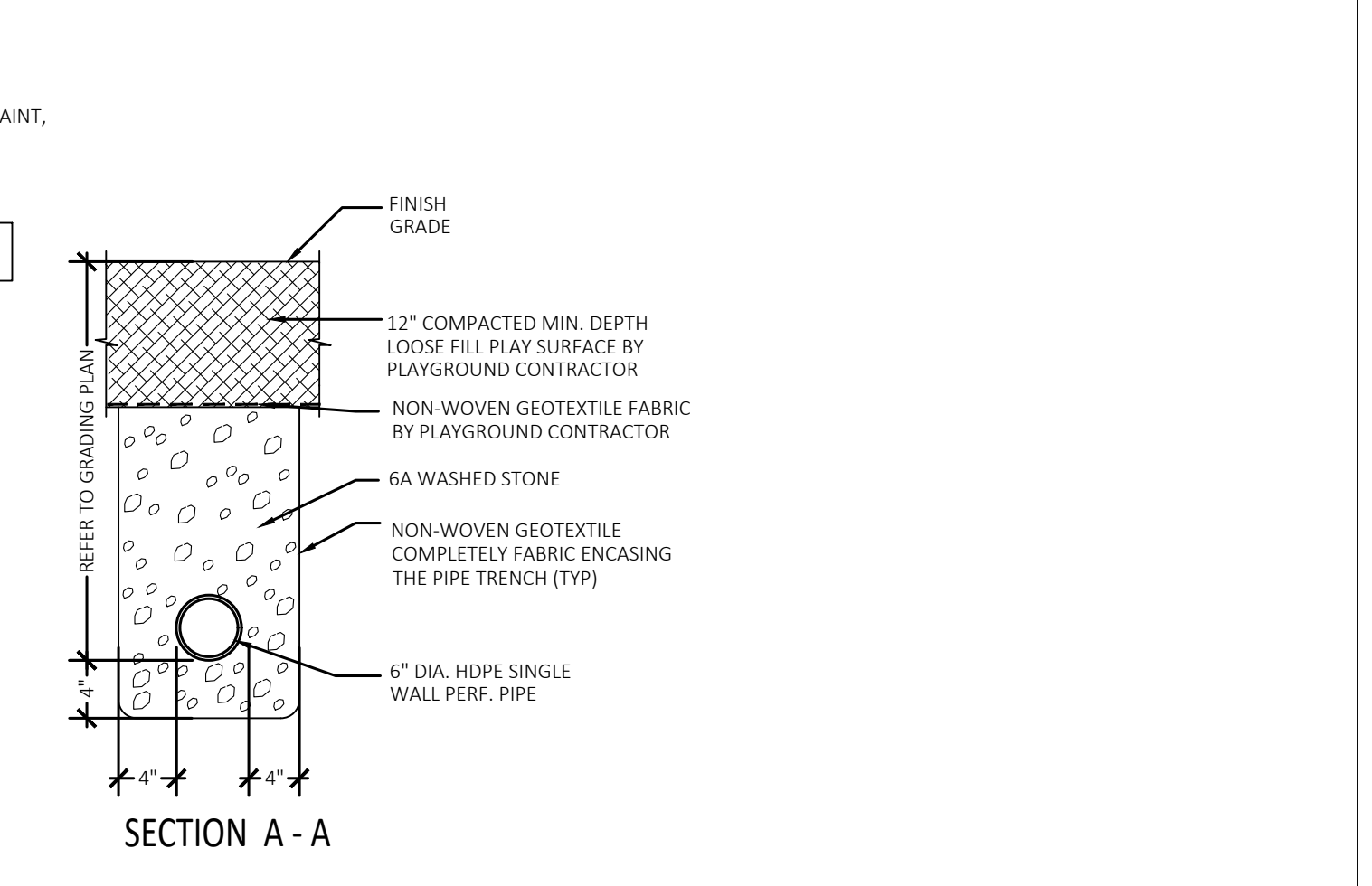


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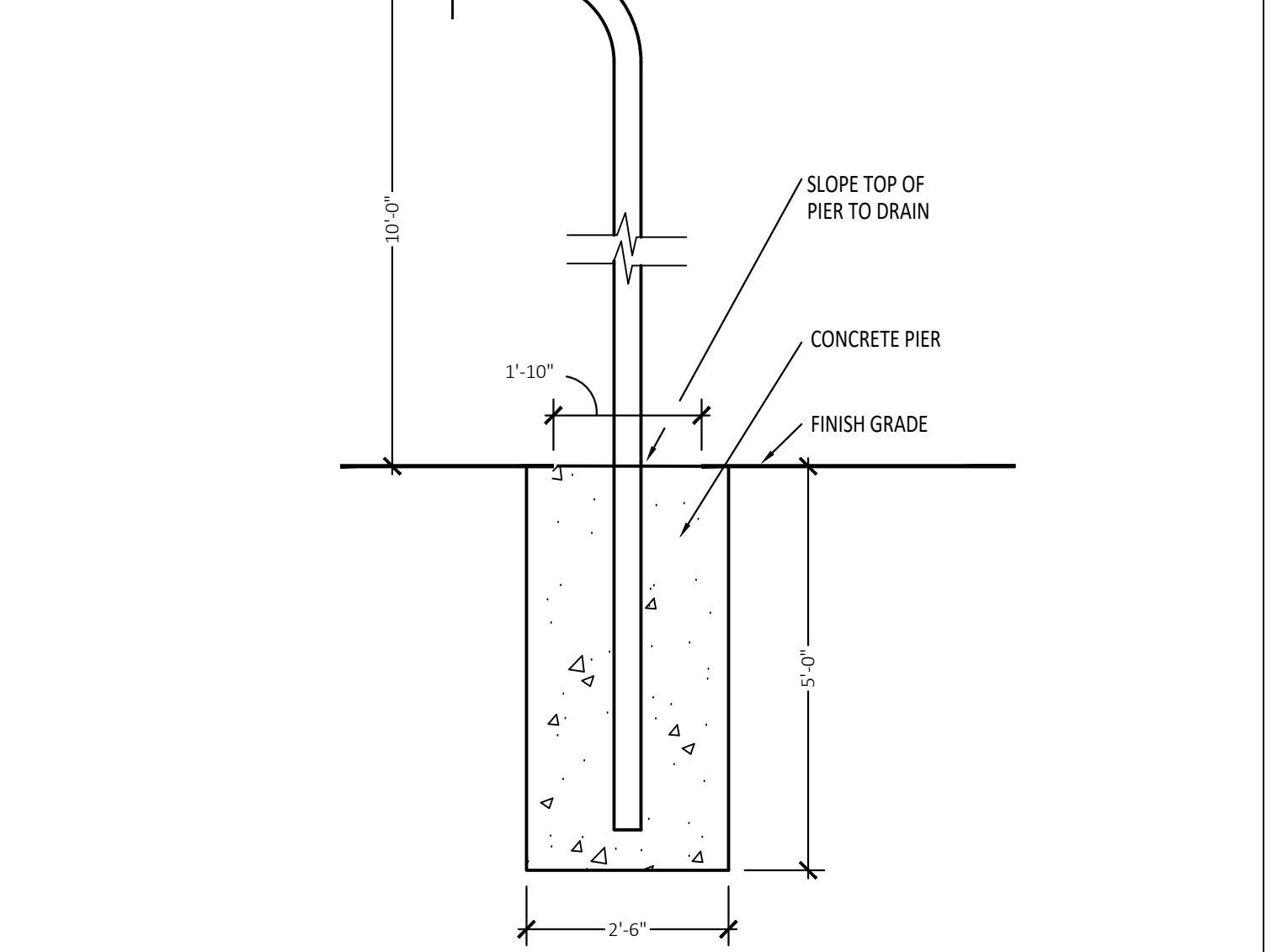
16 N/A
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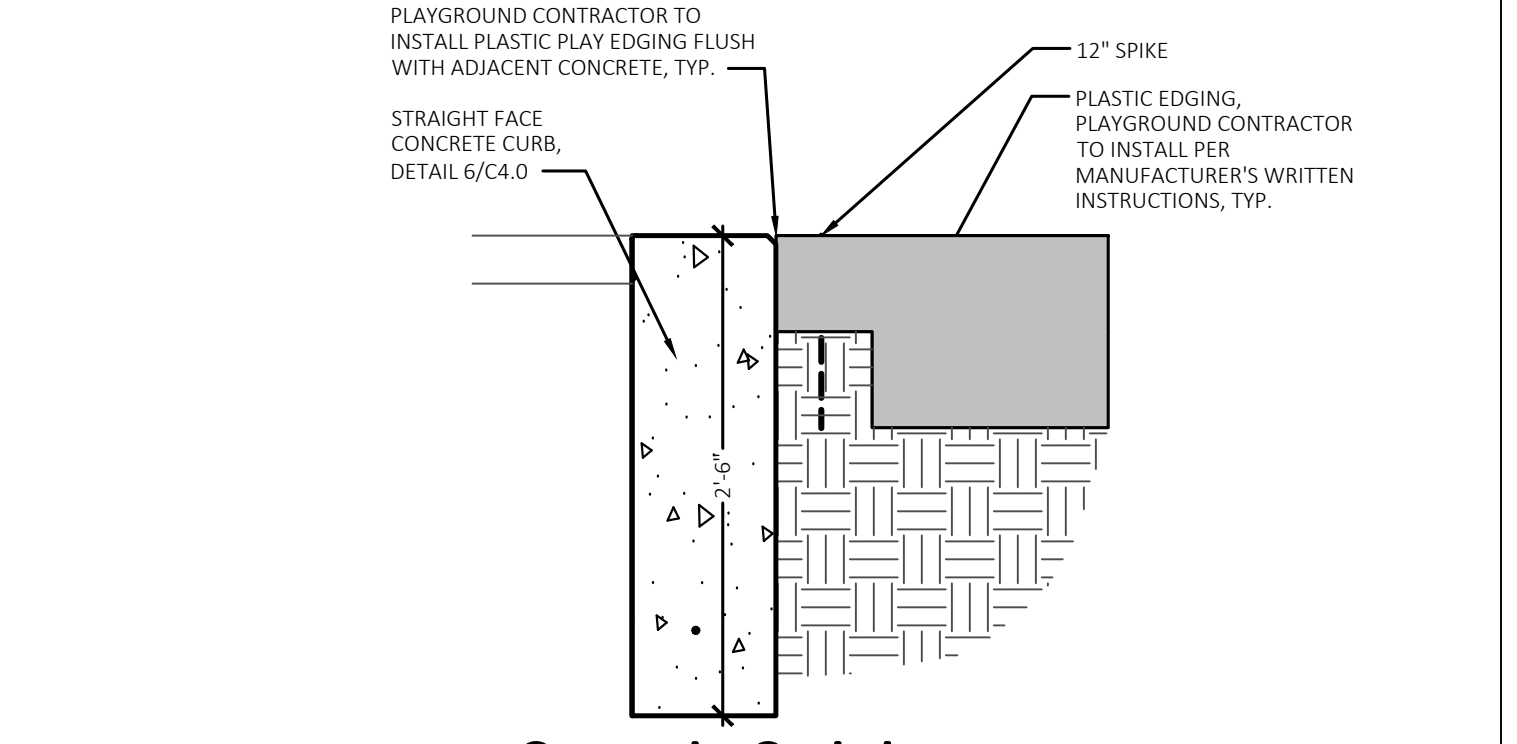
17 Access Ramp to Play Areas Detail
NOT TO SCALE



18 N/A
Not to Scale

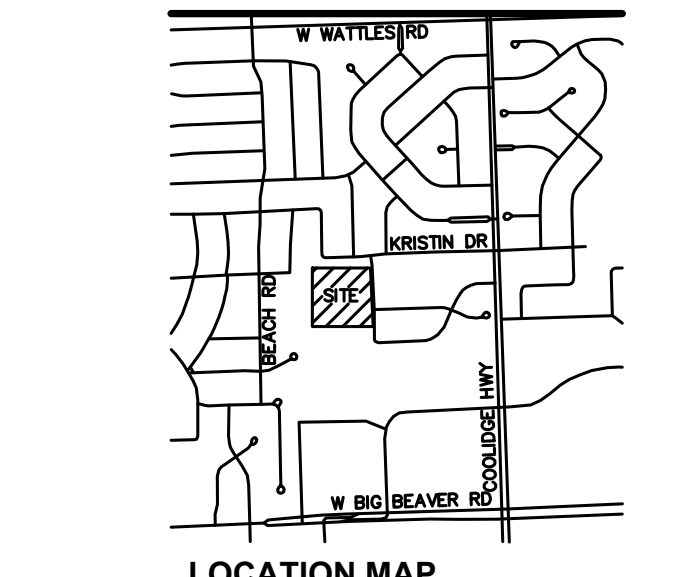
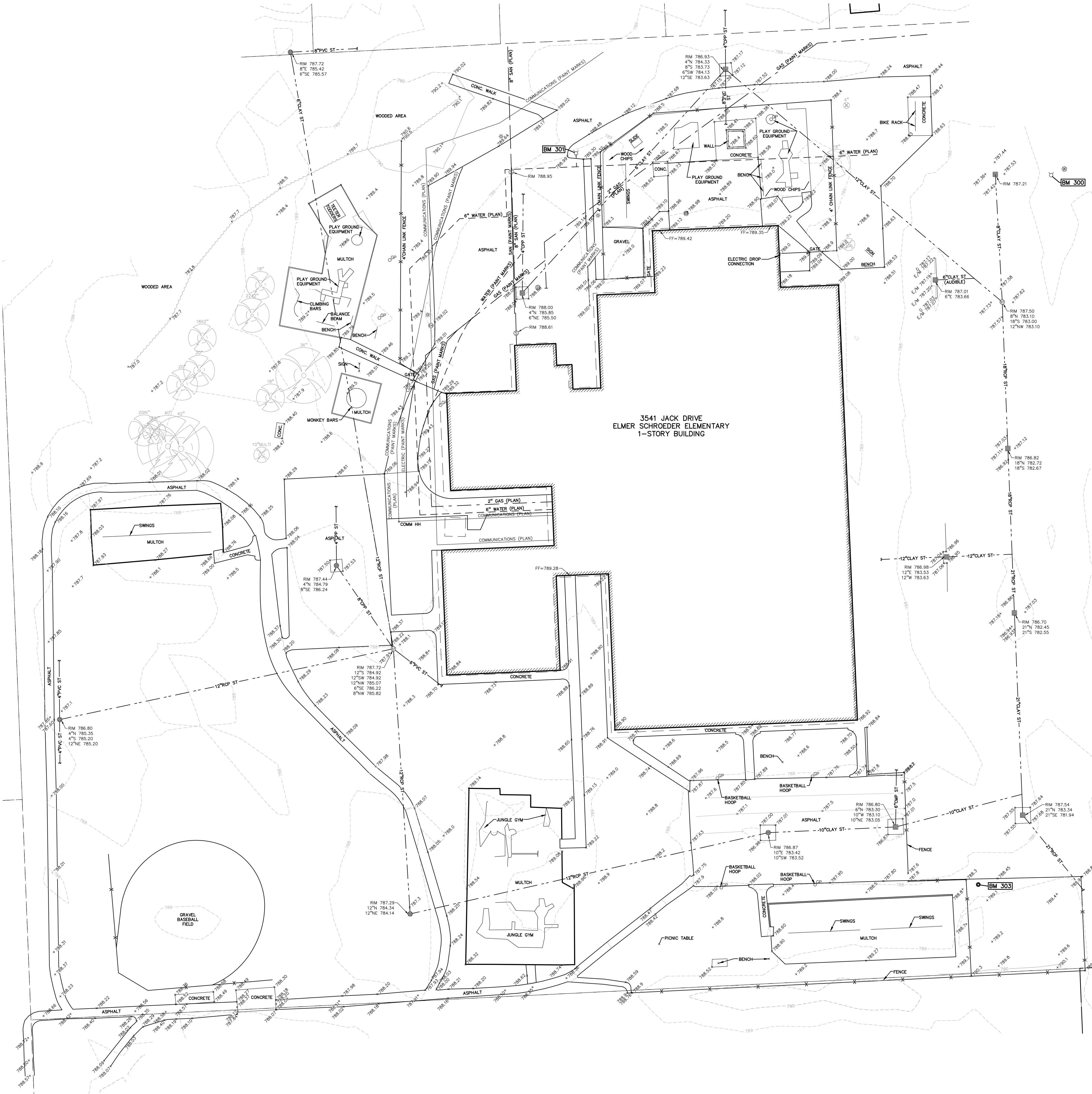


19 For Reference Basketball Post Footing Detail
Not to Scale

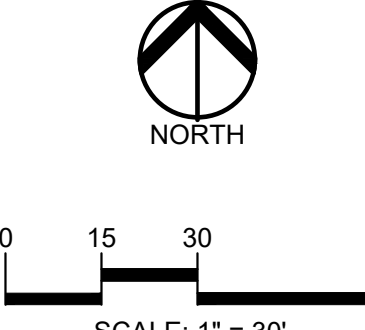


20 Concrete Curb to Plastic Edging Transition Detail
Not to Scale

ISSUE DATES	
10-03-2024	CONSTRUCTION DOCUMENTS
DATE	ISSUED FOR
DRAWN	DID
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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
28125C0529F, DATED SEPTEMBER 29, 2008.



- LEGEND:**
- | | |
|--|---|
| | OH, ELEC, POLE & GUY WIRE |
| | U.G. CABLE TV & PEDESTAL |
| | U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE |
| | U.G. ELEC. MANHOLE, METER & HANDHOLE |
| | GAS LINE |
| | GAS VALVE & GAS LINE MARKER |
| | TRANSFORMER & IRRIGATION VALVE |
| | WATER MAIN |
| | HYDRANT, GATE VALVE & POST INDICATOR VALVE |
| | WATER VALVE, BOX & SHUTOFF |
| | SANITARY SEWER |
| | SANITARY CLEAUNOT & MANHOLE |
| | EX. COMBINED SEWER MANHOLE |
| | STORM SEWER |
| | CLEAUNOT & MANHOLE |
| | SQUARE, ROUND, & BEEHIVE CATCH BASIN |
| | YARD DRAIN & ROOF DRAIN |
| | UNDESIGNATED STRUCTURE |
| | MAILBOX, SIGN & LIGHTPOLE |
| | EX. FENCE |
| | GUARD RAIL |
| | EX. SPOT ELEVATION |
| | EX. CONTOUR |
| | EX. WETLAND |
| | IRON FOUNUD / SET |
| | NAIL FOUNUD / NAIL & CAP SET |
| | BRASS PLUG SET |
| | MONUMENT FOUNUD / SET |
| | SECTION CORNER FOUNUD |
| | REINFORCING CLASER & REINFORCING CLASER |

ILITY INFORMATION
CABLE - COMCAST
CABLE - WIDE OPEN WEST CABLE TV
ELECTRIC - DTE ENERGY
FIBER OPTICS - 123.NET INC.
FIBER OPTICS - COMCAST
FIBER OPTICS - WIDE OPEN WEST FIBER OPTIC
GAS - CONSUMERS ENERGY
HOSPITALITY - CITY OF TROY
HORM - CITY OF TROY
TELEPHONE - AT&T TELEPHONE
WATER - CITY OF TROY

REFERENCE DRAWINGS:	
COMMUNICATIONS	AT&T, DATED 4-14-23
COMMUNICATIONS	TROY SCHOOL DISTRICT FIBER OPTICS MISS DIG TICKET NO 2023032303485, DATED 3-23-23
COMMUNICATIONS	WOW, DATED 6-23-22
GAS	CONSUMERS ENERGY, DATED 3-2-23
GASTORY	CITY OF TROY GIS ONLINE, DATED 4-11-23
STORM	CITY OF TROY GIS ONLINE, DATED 4-11-23
WATER MAIN	CITY OF TROY GIS ONLINE, DATED 4-11-23

REMARKS:
GPS DERIVED - NAVD88)

M 300
BROW ON FIRE HYDRANT $\pm 179'$ FROM NE BLDG. CORNER
ELEVATION - 790.29

M 301
BROW ON FIRE HYDRANT $\pm 70'$ FROM NW BLDG. CORNER
ELEVATION - 791.44

M 303
FLAG NAIL IN LIGHT POLE BASE $\pm 132'$ FROM SE BLDG. CORNER
ELEVATION - 791.41



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REGISTRATION SEAL

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PEA
GROUP

t: 844.813.2949
www.peagroup.com

PROJECT TITLE

**Schroeder
Elementary School**
3541 JACK DRIVE

Playground Remodel Bid Package No.01B

Troy School District
Troy, Michigan

DRAWING TITLE
Topographic Survey

ISSUE DATES

10-03-2024	CONSTRUCTION DOCUMENTS
09-10-2024	OWNER REVIEW
08-21-2024	INTERNAL COORDINATION
07-24-2024	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

DRAWN

CHECKED _____

APPROVED

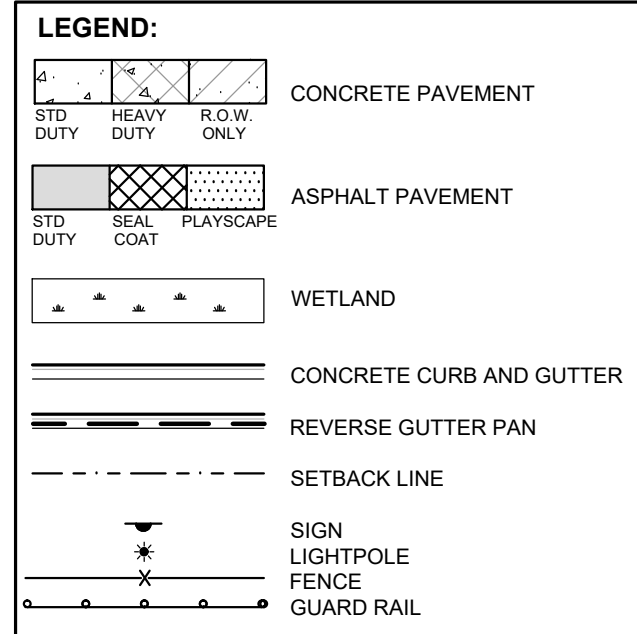
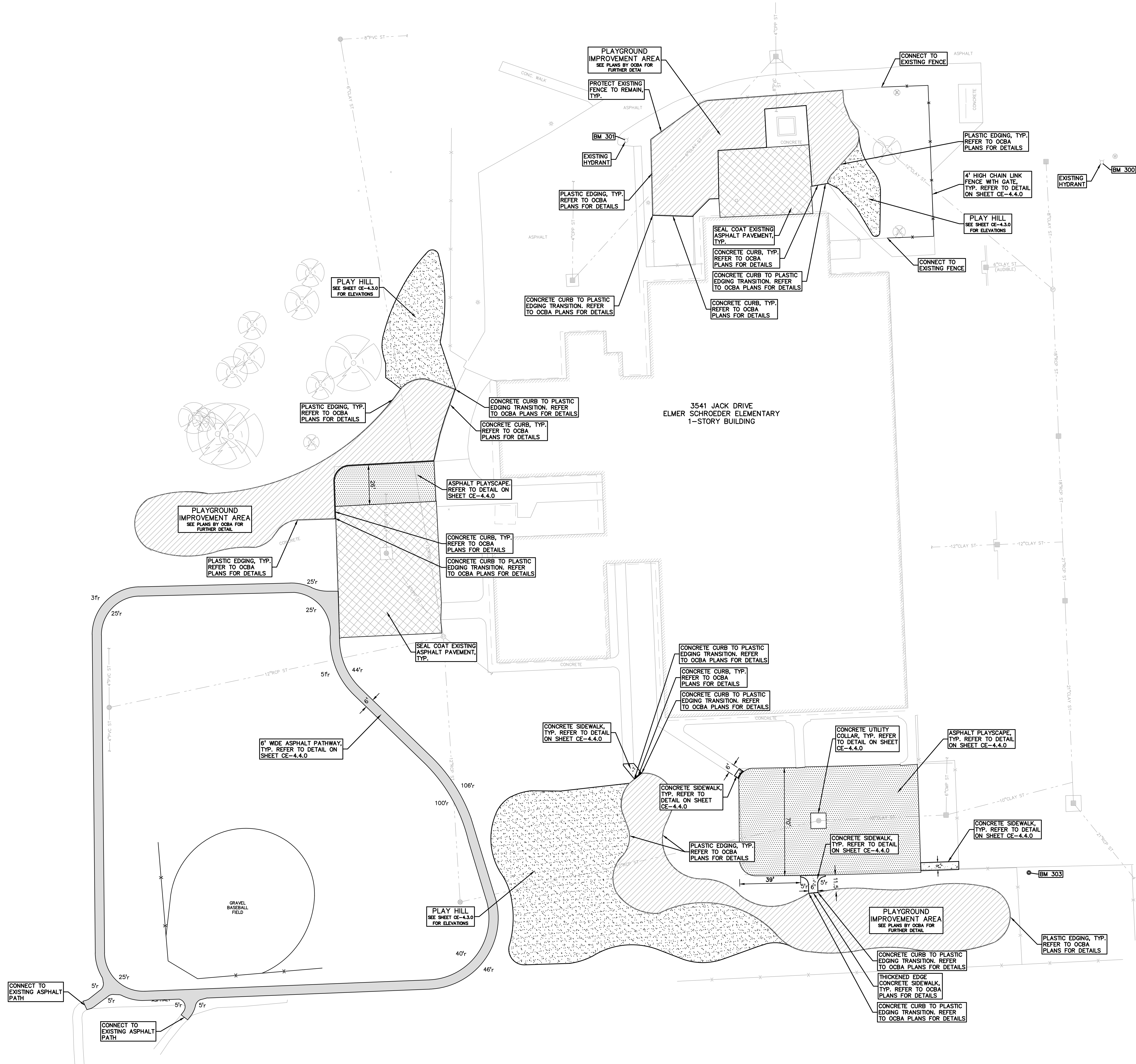
PROJECT NO.

22094B

DRAWING NO.

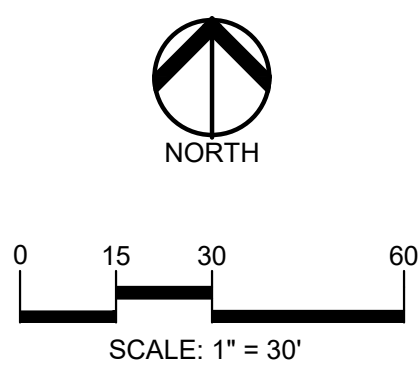
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Drawing Title: 22094B, PROJECT: 2023.03.13-03.01, TROY SCHOOLS, 2022, BROADWAY, L. CONSTRUCTION, V. A. BROADWAY, PH. 7. SCHROEDER, (C-4.2), LAYOUT, SCHROEDER, 2.1-03.01, 4.0g, 0.01, 0.01, 2024, 14.3, 0.01



- 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.
 - ALL DIMENSIONS SHOWN ARE TO BACK OF CURB, FACE OF SIDEWALK, CENTER OF MANHOLE/CATCH BASIN UNLESS OTHERWISE NOTED.
 - DOWEL INTO EXISTING CURB AND GUTTER 9" WITH EPOXY COATED #4 BAR CONTINUOUS BETWEEN EXISTING AND PROPOSED CURBING.
 - REFER TO NOTES AND DETAILS SHEET FOR PAVING DETAILS.
 - CONTRACTOR TO FIELD VERIFY ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION INCLUDING BUT NOT LIMITED TO: SITE LIGHTING, FIBER LINES, ETC.
 - 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 OWNER.
 - 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.

- 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 BECOME UNSTABLE UNDER REPEATED LOADING OF CONSTRUCTION TRAFFIC; THEREFORE, CONSTRUCTION EQUIPMENT SHOULD BE LIMITED ON THE EXPOSED SUBGRADE.
 - 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 VOLUME OF COMPACTED IN PLACE STONE PER THE UNIT PRICE PROVIDED IN THE BID PACKAGE.
 - 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 MOISTURE CONTENT. FROZEN MATERIAL SHALL NOT BE USED AS FILL, NOR SHOULD FILL BE PLACED ON A FROZEN SUBGRADE.
 - SUBGRADE UNDERCUT DRAIN TILE SHALL BE EVALUATED BY A QUALIFIED ENGINEERING TECHNICIAN TO DETERMINE IF SUBGRADE STABILIZATION IS NECESSARY. DRAIN TILE SHALL 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 CREATING 'BATHTUBS' IN THE COHESIVE SOILS.
 - 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.



REGISTRATION SEAL

CONSULTANT



PROJECT TITLE
Schroeder Elementary School
3541 JACK DRIVE

Playground Remodel
Bid Package No.01B

Troy School District
Troy, Michigan

DRAWING TITLE
Dimension & Paving Plan

ISSUE DATES

10-03-2024	CONSTRUCTION DOCUMENTS
09-10-2024	OWNER REVIEW
08-21-2024	INTERNAL COORDINATION
07-24-2024	DESIGN DEVELOPMENT

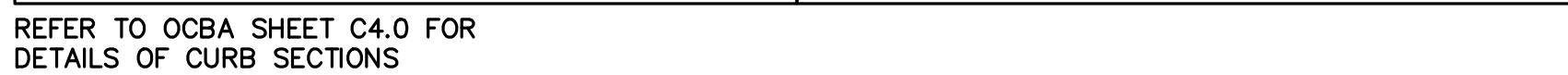
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PROJECT NO.

22094B

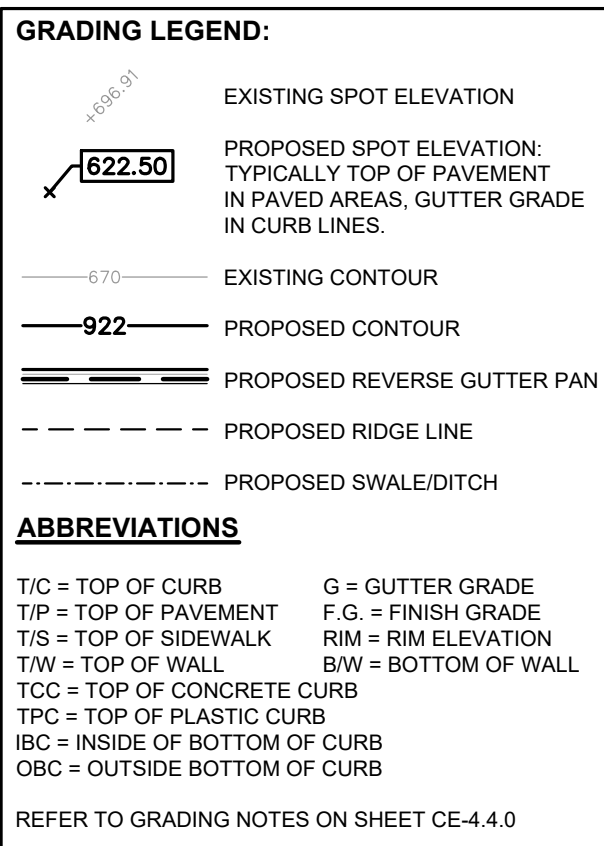
DRAWING NO.

CE-4.2.0



- GENERAL SITE CONDITIONS:**
1. ACCORDING TO THE USDA NRCS WEB SOIL SURVEY, THE SITE CONSISTS OF THE FOLLOWING SOIL TYPES:
- 15B SPINKS LOAMY SAND, 0 TO 6 PERCENT SLOPES
33 LENAWEE SILTY CLAY LOAM, 0 TO 1 PERCENT SLOPES
41B LAQUENTS, SANDY LOAM, UNFLATULING
56A URBAN LAND--BLOUNT--LENAWEE COMPLEX, 0 TO 3 PERCENT SLOPES
62B URBAN LAND--SPINKS COMPLEX, 0 TO 8 PERCENT SLOPES
2. TOTAL DISTURBED AREA = ±21.3 ACRES

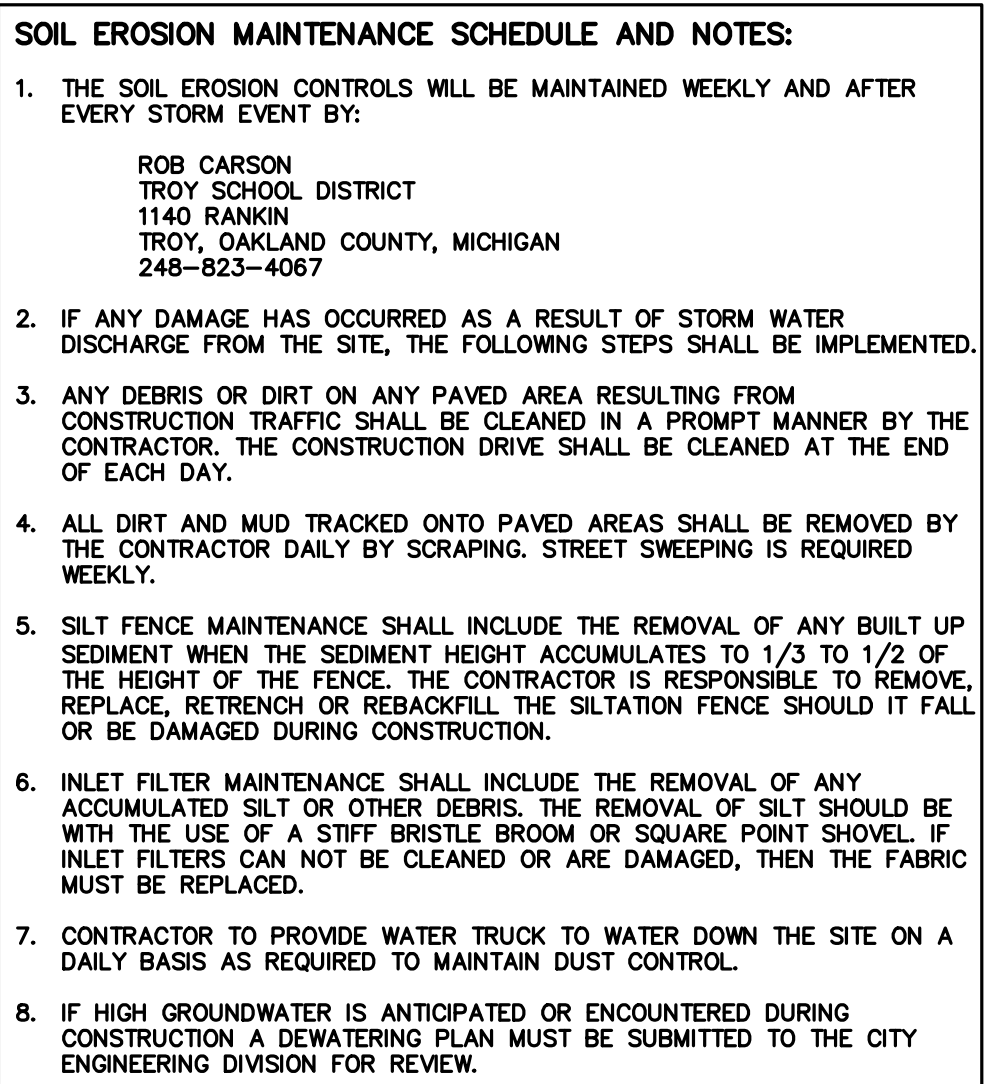
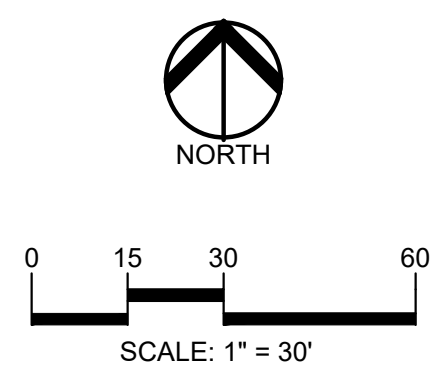
- BENCHMARKS:**
(GPS DERIVED - NAVD88)
- BM 300
ARROW ON FIRE HYDRANT $\pm 179'$ FROM NE BLDG. CORNER
ELEVATION - 790.29
- BM 301
ARROW ON FIRE HYDRANT $\pm 70'$ FROM NW BLDG. CORNER
ELEVATION - 791.44
- BM 303
MAG NAIL IN LIGHT POLE BASE $\pm 132'$ FROM SE BLDG. CORNER
ELEVATION - 791.41



- ### UTILITY LEGEND:
- | | |
|-----|--|
| — | EX. OH. LEG. POLE & GUY WIRE |
| —○— | EX. UG. CABLE TV & PEDESTAL |
| —○— | EX. UG. COMMUNICATION LINE, PEDESTAL & MANHOLE |
| —○— | EX. UG. EX. GAS, 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 |
| — | PROPOSED WATER MAIN |
| — | PROPOSED HYDRANT AND GATE VALVE |
| — | PROPOSED TAPPING SLEEVE, VALVE & WELL |
| — | PROPOSED POST INDICATOR VALVE |
| — | PROPOSED SANITARY SEWER |
| — | PROPOSED SANITARY CLEANOUT & MANHOLE |
| — | PROPOSED STORM SEWER |
| — | PROPOSED STORM SEWER CLEANOUT & MANHOLE |
| — | PROPOSED CATCH BASIN, INLET & YARD DRAIN |

EARTHWORK BALANCING NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING OR EXPORTING ALL MATERIALS AS REQUIRED TO PROPERLY GRADE THIS PROJECT TO THE FINISHED ELEVATIONS SHOWN ON THE APPROVED PLANS. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF CUT AND FILL QUANTITIES AND ALLOW FOR REMOVAL OF EXCESS OR IMPORTATION OF ADDITIONAL MATERIAL AT NO ADDITIONAL COST TO THE OWNER.



SOIL EROSION AND SEDIMENTATION CONTROL SEQUENCE OF CONSTRUCTION

1. SEE OAKLAND COUNTY W.R.C. SOIL EROSION AND SEDIMENTATION CONTROL DETAILS SHEET FOR ALL SOIL EROSION CONTROL RELATED DETAILS.
2. PLACE SILT FENCE & INSTALL INLET FILTERS ON EXISTING STORM SEWER STRUCTURES, ACCORDING TO PLANS.
3. INSTALL TEMPORARY CRUSHED CONCRETE ACCESS DRIVE AT ALL CONSTRUCTION ENTRANCES. (80"x24"x8" MINIMUM OF 1"-3" CRUSHED CONCRETE - NO FINES)
4. REMOVE CURB, PAVEMENT, TREES, ETC. AS DIRECTED ON THE DEMOLITION PLAN.
5. STRIP AND STOCKPILE TOPSOIL FOR RESTORATION REQUIREMENTS.
6. DISPOSE OF ALL EXCESS, UNSUITABLE MATERIALS OFF SITE IN A LEGAL MANNER. NO BURN OR BURY PITS ALLOWED.
7. UNSUITABLE MATERIALS CONSIST OF, BUT ARE NOT NECESSARILY LIMITED TO THE FOLLOWING: CONCRETE, ASPHALT, TREES, BRUSH, STUMPS, ROOTS, OR OTHER MISCELLANEOUS DEBRIS OR TRASH.
8. MASS GRADE THE SITE IN ACCORDANCE WITH THE PLANS.
9. INSTALL HYDROSEED AS SHOWN ON THE PLAN WITHIN 5 DAYS OF COMPLETION OF MASS GRADING OR WHENEVER DISTURBED AREA WILL REMAIN UNCOVERED FOR 30 DAYS OR GREATER. MINIMUM 3"-4" TOPSOIL WILL BE USED WHERE VEGETATION IS REQUIRED.
10. COMPLETE ROUGH GRADING OF SITE. PLACE INLET FILTERS AT ALL INLETS AND CATCH BASINS, AS SHOWN.
11. FINISH GRADE AND PAVE SITE AS PROPOSED TO DRAIN TO STORM SEWER SYSTEM. REPAIR INLET FILTERS AS REQUIRED.
12. APPLY TOPSOIL, HYDROSEED TO ALL DISTURBED AREAS UPON COMPLETION OF GRADING AND PAVING. ALL STAGE CONSTRUCTION ACTIVITIES IN ORDER TO MINIMIZE THE EXPOSURE OF UNSUITABILIZED AREAS.
13. CLEAN PAVEMENT AND STORM SEWERS. REMOVE SILT FENCE AND TREE PROTECTION FENCE, AND INLET FILTERS ONCE VEGETATION HAS BEEN ESTABLISHED.
14. ALL DIRT AND MUD TRAPPED ON PUBLIC ROADS SHALL BE REMOVED DAILY.
15. STREET CATCH BASINS TO BE PERIODICALLY CLEANED AND FILTER CLOTH CHANGED AND MAINTAINED.



REGISTRATION SEAL

CONSULTANT

t: 844.813.2949
www.peagroup.com

PROJECT TITLE
**Schroeder
Elementary School**
3541 JACK DRIVE

Playground Remodel Bid Package No.01B

Troy School District
Troy, Michigan

DRAWING TITLE
**Grading, Utility & Soil
Erosion Control Plan**

ISSUE DATES

10-03-2024	CONSTRUCTION DOCUMENTS
09-10-2024	OWNER REVIEW
08-21-2024	INTERNAL COORDINATION
07-24-2024	DESIGN DEVELOPMENT

DATE: ISSUED FOR:

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APPROVED _____

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PROJECT NO.

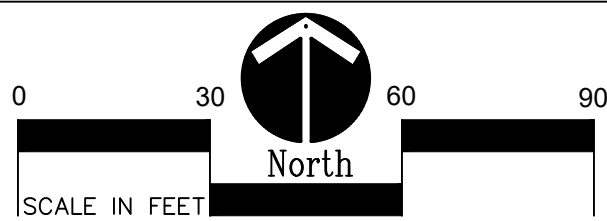
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DRAWING NO.

CE-4.3.0



1 Site Landscape Plan
1" = 30'-0"



PROPOSED FEATURES LEGEND:

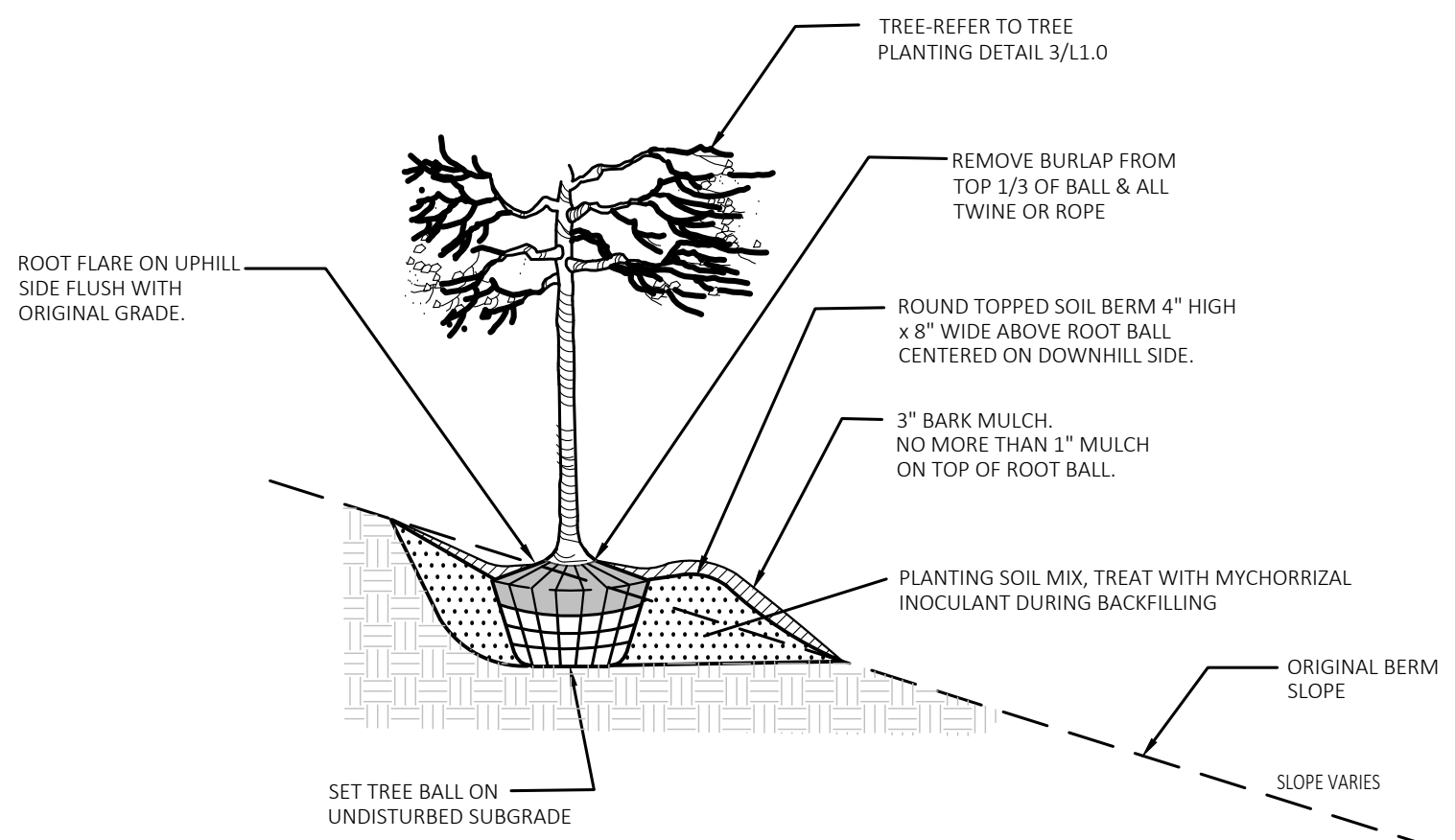
SYMBOL	DESCRIPTION	DETAIL
	DECIDUOUS TREE	2 & 3/L1.0
	PLANT TAG- REFERS TO TYPE AND NUMBER OF PLANTINGS TO BE PROVIDED AND MAINTAINED BY CONTRACTOR.	

LANDSCAPE NOTES:

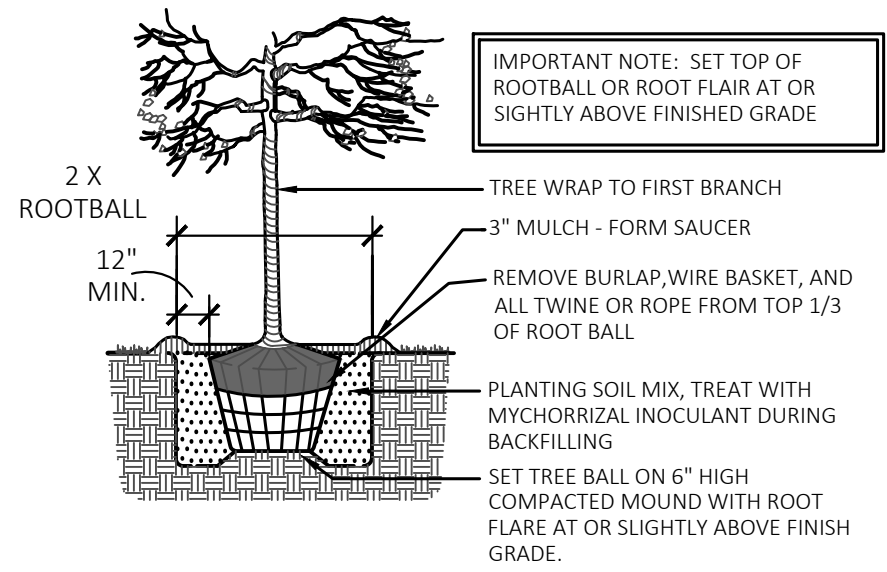
1. SURVEY OF EXISTING CONDITIONS PROVIDED BY PEA GROUP, 1849 POND RUN, AUBURN HILLS, MICHIGAN, 48326, (248)689-9090.
2. CALL "MISS DIG" AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171. ANY UTILITIES DISTURBED BY CONSTRUCTION SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
3. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHOULD BE REPORTED TO THE CONSTRUCTION MANAGER IMMEDIATELY FOR RESOLUTION.
4. IN AREAS OF NEW TURF PLACE 4" MINIMUM TOPSOIL, FINE GRADE & ESTABLISH TURF WITHIN SEED LIMIT LINES.
5. PLACE SHEDDED HARDWOOD MULCH TO A 3" DEPTH IN ALL TREE & SHRUB BEDS & TO A 2" DEPTH IN ALL GROUND COVER BEDS.
6. UNLESS OTHERWISE NOTED, TOPSOIL, FINE GRADE AND SEED ALL DISTURBED AREAS WITHIN THE SEEDING LIMIT SHOWN AND AREAS DISTURBED BY CONSTRUCTION.
7. REPAIR AND RESTORE ANY DAMAGE OUTSIDE OF LIMIT OF WORK LINE TO ORIGINAL CONDITION.
8. PROTECT ALL TREES AND EXISTING FEATURES TO REMAIN AS SPECIFIED.
9. ALL TOPSOIL AND EXCESS FILL MATERIAL SHALL BE STOCKPILED ON SITE SEPARATELY FOR LATER RE-USE. LOCATE STOCKPILES IN AREAS AS DIRECTED BY CONSTRUCTION MANAGER AND PROTECT FROM EFFECTS OF EROSION.
10. ALL NURSERY STOCK SHALL BE TRUE TO TYPE AND NAME. ALL STOCK SHALL BE FIRST CLASS QUALITY WITH WELL DEVELOPED BRANCH SYSTEMS AND VIGOROUS HEALTHY ROOT SYSTEMS. ALL STOCK SHALL BE WELL FORMED AND THE TRUNKS OF TREES SHALL BE UNIFORM AND STRAIGHT.
11. CONTRACTOR RESPONSIBLE TO LOCATE SITE LIGHTING SERVICES. CONTRACTOR RESPONSIBLE TO NOTIFY CONSTRUCTION MANAGER IF DAMAGE TO LIGHTING ELECTRICAL DISTRIBUTION OCCURS.
12. ALL AREAS OF TREE CLEARING SHALL BE STAKED FOR ARCHITECTS APPROVAL PRIOR TO CLEARING.
13. UNLESS OTHERWISE SPECIFIED, ALL PERENNIALS, GRASSES AND GROUNDCOVERS SHALL BE GROWN IN THEIR CONTAINER FOR ONE YEAR PRIOR TO INSTALLATION.

PLANT LIST:

	SYM.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	STATUS
TREES	AF	Acer x freemantii 'Marmo'	Marmo Freeman Maple	2" CAL.	B&B	PER PLANS	NATIVE
	AS	Acer saccharum 'Commemoration'	Commemoration Sugar Maple	2" CAL.	B&B	PER PLANS	NATIVE
	CC	Carpinus caroliniana	Hornbeam	2" CAL.	B&B	PER PLANS	NATIVE
	GB	Ginkgo biloba 'Autumn Gold'	Autumn Gold Ginkgo Tree (no female)	2" CAL.	B&B	PER PLANS	NON-NATIVE
	OV	Cotuya virginiana	Hophornbeam	2" CAL.	B&B	PER PLANS	NATIVE



2 Tree On Berm Detail 1/4 Slope or Greater
NOT TO SCALE



3 Tree Planting Detail
NOT TO SCALE



T M P ARCHITECTURE I N C

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS - MICHIGAN - 48302
PH - 248.338.4541 TX - 248.338.0023
EM - INFO@TMP-ARCHITECTURE.COM

REGISTRATION SEAL

CONSULTANT



141 E. Michigan Avenue, Suite 500
Kalamazoo Michigan 49007
Phone (269) 381-3357
Fax (269) 381-2944

Landscape Architecture
Urban Planning
Parks & Recreation
Campus & Institutional Planning
Camp Planning & Design

PROJECT TITLE

**Schroeder
Elementary School
Playground Remodel
Bld Package No.01B**

**Troy School District
Troy, Michigan**

DRAWING TITLE

Site Landscape Plan

ISSUE DATES

10-03-2024	CONSTRUCTION DOCUMENTS
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DATE: ISSUED FOR:

DRAWN	DID
CHECKED	DID
APPROVED	DID

PROJECT NO.

22094B

DRAWING NO.

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