

CITY OF NEWTON, MASSACHUSETTS  
PURCHASING DEPARTMENT  
[purchasing@newtonma.gov](mailto:purchasing@newtonma.gov)  
Fax (617) 796-1227

November 6, 2024

**ADDENDUM #1**  
INVITATION FOR BID #25-29

**IMPROVEMENTS TO ALBEMARLE PLAYGROUND PHASE I**

THIS ADDENDUM IS TO AMEND PROJECT SPECIFICATIONS PER THE ATTACHED.

All other terms and conditions of the IFB remain unchanged.

**PLEASE ENSURE THAT YOU ACKNOWLEDGE ALL ADDENDA ON YOUR  
BID FORM. FAILURE TO ACKNOWLEDGE ALL ADDENDA COULD  
RESULT IN REJECTION OF YOUR BID AS NONRESPONSIVE.**

Thank you.



Nicholas Read  
*Chief Procurement Officer*

**ADDENDUM NO. 1**



TO

**CONTRACT DOCUMENTS**

**IMPROVEMENT TO ALBEMARLE PLAYGROUND, PHASE 1  
NEWTON, MA**

**IFB #25-29**

November 6, 2024

**NOTICE TO BIDDERS**

The attention of all bidders submitting proposals for “Improvements to Albemarle Playground North and Multi-Use Path, Phase 1” is called to the following Addenda to the specifications and plans. The items set forth herein, whether of omission, addition or substitution are to be included in, and form part of the specifications and plans of the above-named project for bids to be received as advertised.

**PLEASE BE SURE TO ACKNOWLEDGE  
THIS ADDENDUM ON BID PRICING PAGE**

The following clarifications, modifications, deletions, and additions are hereby incorporated into and become part of the Contract Documents.

**PART 1 - GENERAL CLARIFICATIONS**

1. The sign-in sheet for the October 31<sup>st</sup>, 2024 Prebid meeting has been included as an attachment to this addendum.
2. The curbing at the mitigation area along Cheesecake Brook shall be removed from the project scope aside from approximately 36 LF, which shall be furnished by Owner and installed by the Contractor. See the revised sheets L205 and L305 in the attachments to this addendum.
3. The baseball infield shifted 15’ closer to the backstop, placing home plate exactly 25’ from the backstop fencing. This shift ensures the center outfield is approximately 330’ from home plate. See the revised sheets L302, L402, L501 and L502 in the attachments to this addendum.
4. All chain link fence gate latches shall be 42” from finished grade.
5. The baseball field and turf field double scoreboard shall be solar powered. See the revised electrical sheet E302 in the attachments to this addendum.

6. The electrical wall penetration at the existing building has been clarified with an added detail. See detail 6 on the revised sheet E900 in the attachments to this addendum.
7. Detail 1 on sheet L705 has been revised and included along with cut sheets on the dugout shelter with (and without) the storage unit as an attachment to this addendum.
8. Groundwater test results have been included as an attachment to this addendum.

**PART 2 - WRITTEN CHANGES AND CLARIFICATIONS TO SPECIFICATIONS**

2.1 Specification Section 00 31 43 – PERMITS, 1.03, GENERAL REQUIREMENTS, Permits by Owner

**DELETE:**

<u>Permits by Owner</u>	<u>Status</u>
Building Permit	*
Conservation Commission Order of Conditions and Certificate of Understanding – DEP #239-980 (Ch. 131, s. 40)	(Appendix C)
Conservation Commission Order of Conditions and Certificate of Understanding – DEP #239-985 (Ch. 131, s. 40)	(Appendix C)
Trench Permit (520 CMR 14.00)(eff. date 3/1/09)	*

\*Contractor shall prepare permit application and obtain the permit after contract is awarded, bearing all expenses. Owner will pay for and/or waive the permit application fee, if applicable.

**REPLACE:**

<u>Permits by Owner</u>	<u>Status</u>
Building Permit	*
Conservation Commission Order of Conditions and Certificate of Understanding – DEP #239-980 (Ch. 131, s. 40)	(Appendix C)
Conservation Commission Order of Conditions and Certificate of Understanding – DEP #239-985 (Ch. 131, s. 40)	(Appendix C)
Trench Permit (520 CMR 14.00)(eff. date 3/1/09)	*
Stormwater pollution Prevention Plan (SWPPP)	**
NPDES Construction General Permit	**

\*Contractor shall prepare permit application and obtain the permit after contract is awarded, bearing all expenses. Owner will pay for and/or waive the permit application fee, if applicable.

\*\* Owner’s Representative shall submit the above permits at least 14 days prior to mobilization. Contractor shall notify Owner’s Representative on mobilization schedule and shall sign

applications as needed. Throughout the duration of construction, Contractor shall provide a qualified individual to inspect the erosion controls and complete the necessary inspection forms. In general, inspections will occur once every seven (7) calendar days and within 24 hours of the occurrence of a storm event that produces 0.25 inches or more of rain within a 24-hour period, or within 24 hours of a snowmelt discharge from a storm event that produces 3.25 inches or more of snow within a 24-hour period.

2.2 Specification Section 11 68 33 – ATHLETIC FIELD EQUIPMENT, 2.01, J

**DELETE: DOUBLE-SIDED PANEL SCOREBOARD**

1. Model No. BA-624 and SC-2013 Outdoor LED scoreboards solar panel by Daktronics, or approved equal.
2. All systems to be provided with approved anchoring. All components are to be Code compliant and to be approved by the Owner and Owner’s Representative.
3. Control Console shall be portable and wireless.
4. Dimensions shall be 6’H X 16’ W X 8” D. Digit color shall be amber, paint color and striping colors shall be approved by Owner or Owner’s representative.
5. Contactor shall be responsible for purchasing, assembly and complete installation of the equipment.
  - i. Installation per manufacturer’s instructions unless otherwise indicate in drawings.
  - ii. Height shall be 15’ from ground level. To be verified with Owner and Owner’s Representative before installation.
  - iii. Submit complete and detailed shop drawings indicating entire scoreboard, installation, foundation and all accessories.
  - iv. Shall include Solar Panel by manufacturer.

Both scoreboards shall include a 2’ x 16’ ID panel with ‘Newton’ text (as shown on the image below)

**REPLACE: DOUBLE-SIDED PANEL SCOREBOARD**

1. Model No. BA-1518 and MS-2918 Outdoor LED scoreboards with border stripe and solar panel by Daktronics, or approved equal.
2. All I beams shall be painted black.
3. All systems to be provided with approved anchoring. All components are to be Code compliant and to be approved by the Owner and Owner’s Representative.

4. Control Console shall be portable Allsports 5000 wireless control console with battery packs and MX-1 by Daktronics, or approved equal.
  - i. Contractor shall provide 1 controller per scoreboard.
5. Dimensions shall be 8’H X 16’ W X 8” D. Digit color shall be red, paint color and striping colors shall be approved by Owner or Owner’s representative.
6. Contactor shall be responsible for purchasing, assembly and complete installation of the equipment.
  - i. Installation per manufacturer’s instructions unless otherwise indicate in drawings.
  - ii. Height shall be 11’ from grade to the bottom of the scoreboard. To be verified with Owner and Owner’s Representative before installation.
  - iii. Submit complete and detailed shop drawings indicating entire scoreboard, installation, foundation and all accessories.
  - iv. Shall include Solar Panel by manufacturer.
7. Both scoreboards shall include a 2’ x 16’ ID Panel with ‘Newton’ text (as shown on the image below).

### **PART 3 - CHANGES AND CLARIFICATIONS TO THE CONTRACT DRAWINGS**

3.1 **DELETE:** SHEETS L205, L302, L305, L402, L501, L502, L701, L705

**REPLACE:** SHEETS L205, L302, L30, L402, L501, L502, L701, L705 PER ATTACHMENTS

3.2 **DELETE:** SHEETS E302, E900

**REPLACE:** SHEETS E302, E900, PER ATTACHMENTS

### **PART 4 - ATTACHMENTS:**

Pre-bid Conference Attendance Sheet  
Drawing Sheet L205 – Site Preparation and Demolition Plan  
Drawing Sheet L302 – Materials Plan  
Drawing Sheet L305 – Materials Plan  
Drawing Sheet L402 – Layout Plan  
Drawing Sheet L501 – Grading Plan  
Drawing Sheet L502 – Grading plan  
Drawing Sheet L701 – Construction Details  
Drawing Sheet L705 – Construction Details  
Drawing Sheet E302 – Electrical Lighting and Power Plan B  
Drawing Sheet E900 – Electrical Details  
Dugout Shelter Cutsheets  
Groundwater Test Results

**END OF ADDENDUM NO. 1**

**CITY OF NEWTON  
Pre-Bid Meeting  
ATTENDANCE FORM**

Place: On-site  
TIME: 9:00AM  
DATE: 10/31/2024  
ROOM: \_\_\_\_\_

PROJECT: Improvements to Albemarle Playground Phase I  
DEPT: P,R&C

# 25-29

PERSONS NAME COMPANY TELEPHONE # EMAIL ADDRESS

Luis Perez Demorizi	City of Newton	617-796-1571	LPDemorizi@newtonma
Peter Salem	Argus Const	781-275-7417	peter@argusconstructioncorp.com
Brett Hanewich	RAD Sports	941-350-4205	bah@radsports.com
Chris Cunha	Green Acres	508-823-6699	ccunha@greenacreslandscape.net
Nick Salem	Argus Const.	781-275-7417	nick@argusconstructioncorp.com
John Belko	Belko landscaping	603-458-1421	info@belkolandscaping.com
Cory Lopes	Green Acres	508-823-6699	clopes@greenacreslandscape.net
Amanda Gaal	WAS	508 380 5883	gaala@waseinc.com
Mark Masella	Quirk Construc	617 212 4670	Mark@Quirkcorp.com
Nicholas Reed	Newton	617-796-1222	nreed@newtonma.gov



Peter T. Salem, President

5 Shawsheen Avenue, Unit #2 • Bedford Massachusetts 01730  
Phone (781) 275-7417 • Fax (781) 275-1514  
peter@argusconstructioncorp.com

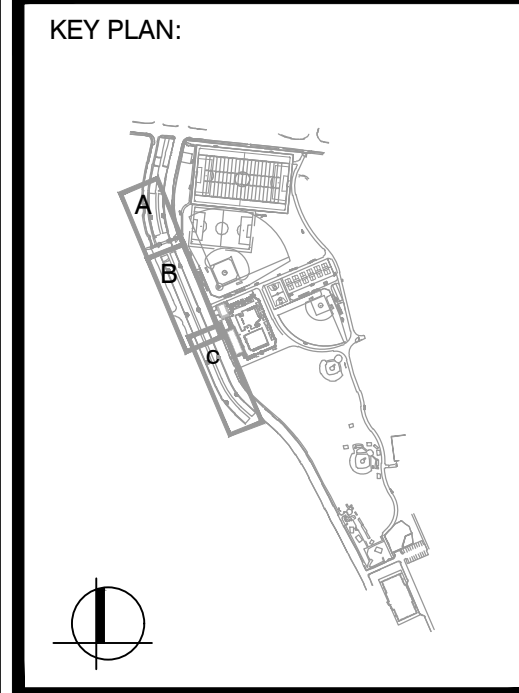


Chris Cunha

508-823-6699

401-413-7706 Cell

21 Malbone Street  
Lakeville, MA 02347



Revisions:

No.	Date	Description
1	11.06.24	ADDENDUM #1

COA:

Seal:

Issued For:

**BID DOCUMENTS**

Scale: 1"=20'

Date: 10/24/2024  
 Drawn By: AG, JCF, TF  
 Reviewed By: JM, CB  
 Approved By: CB

W&S Project No.: ENG22-0315  
 City Proj. No.: IFB #25-29

Drawing Title:

**SITE PREPARATION AND DEMOLITION PLAN**

Sheet Number:

**L205**

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**LEGEND**

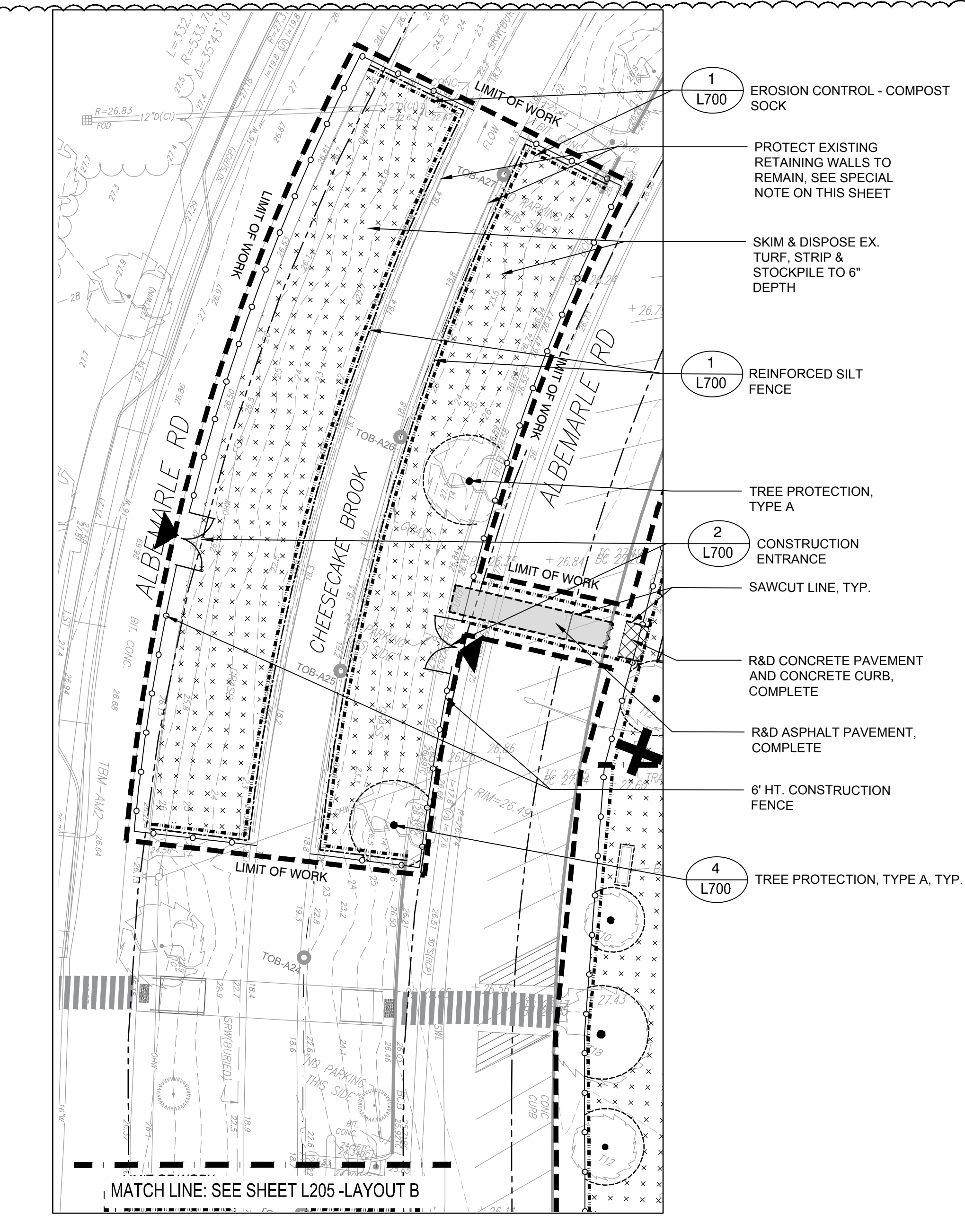
- LIMIT OF WORK
- PROPERTY LINE
- 100 FT. BUFFER ZONE
- 200 FT. RIVERFRONT AREA
- FEMA FLOODPLAIN 27.7 NAVD88
- REINFORCED SILT FENCE
- COMPOST SOCK
- MATCH LINE
- 6' HT. CONSTRUCTION FENCE
- R&D ASPHALT CURB, COMPLETE
- R&D FENCE, COMPLETE
- R&D OVERHEAD WIRE
- SAWCUT
- R&D CONCRETE PAVEMENT, FULL DEPTH, COMPLETE
- SKIM & DISPOSE EX. TURF, STRIP & STOCKPILE TO 6" DEPTH FROM EX. FINISHED GRADE
- R&D GRAVEL SURFACING
- CONSTRUCTION ENTRANCE PAD
- TEMPORARY ACCESS PATH FOR THE F.A. DAY SCHOOL
- CONSTRUCTION ENTRANCE
- R&D UTILITIES
- R&D SPORTS LIGHT FIXTURE, POLE, AND FOOTING, COMPLETE
- PROTECT SITE ELEMENT TO REMAIN
- R&D BENCH
- R&D/R&S SITE ELEMENT, COMPLETE
- R&D TREE, COMPLETE
- R&D REMOVE & DISPOSE
- R&S REMOVE & SALVAGE
- R&R REMOVE & RESET
- TYP TYPICAL

**NOTES:**

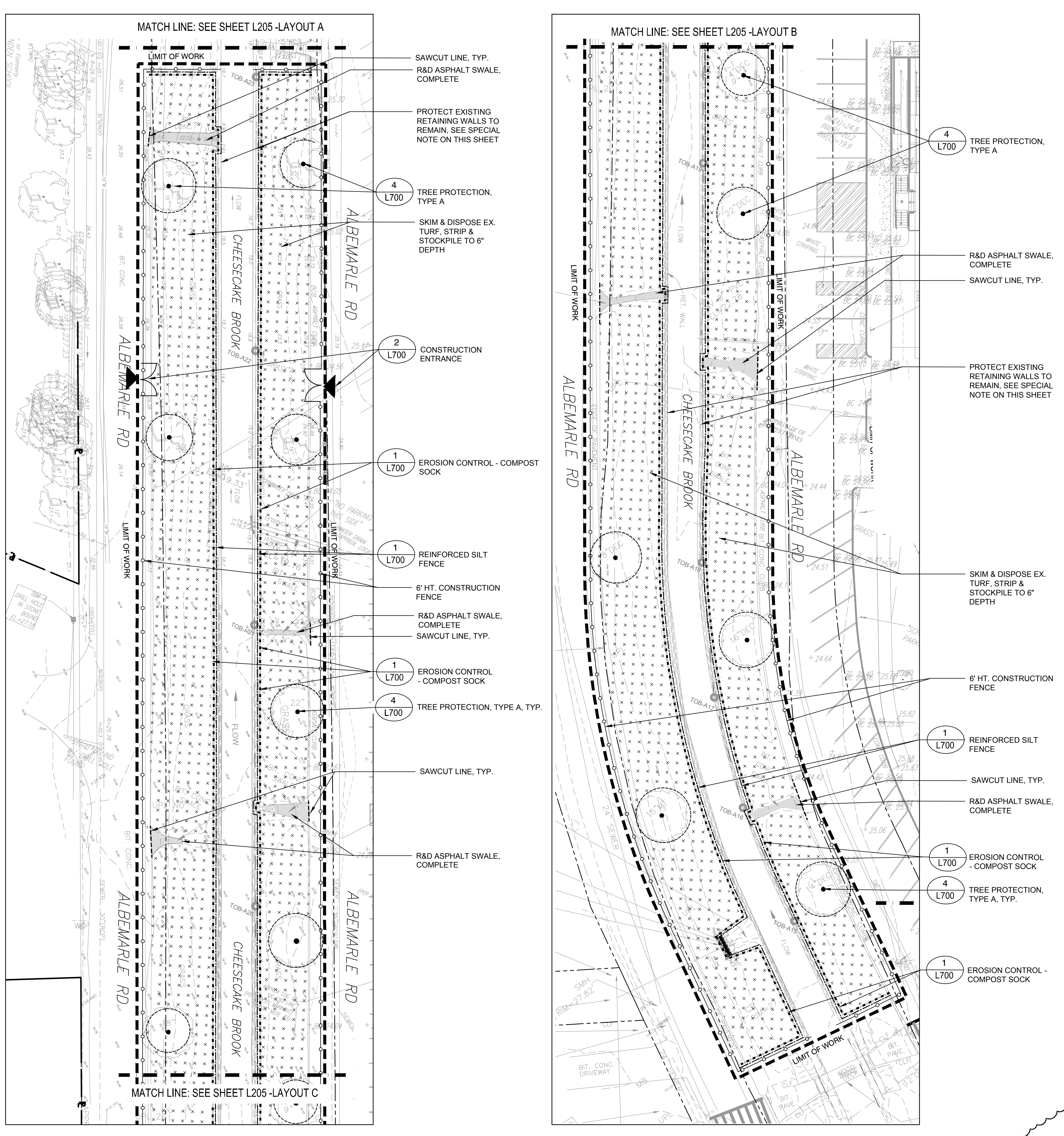
- SEE SHEET L200 FOR SITE PREPARATION AND DEMOLITION NOTES.

**SPECIAL NOTES:**

- CONTRACTOR SHALL TAKE EXTREME CARE IN WORKING AROUND THE EXISTING BROOK'S RETAINING WALLS TO REMAIN. NO HEAVY MACHINERY SHALL BE PLACED ON TOP OF THESE WALLS DURING CONSTRUCTION. ANY IMPACTS TO THE WALL SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL TAKE EXTREME CARE WHEN WORKING IN CLOSE PROXIMITY TO ALL EXISTING WALLS TO REMAIN. HAND DIGGING ONLY WITHIN 5' OF EXISTING WALLS.
- ALL STRIP AND STOCKPILE OF EXISTING TOPSOIL TO OCCUR A MINIMUM OF 3' OFFSET OF ALL EXISTING WALLS AT MITIGATION AREA.



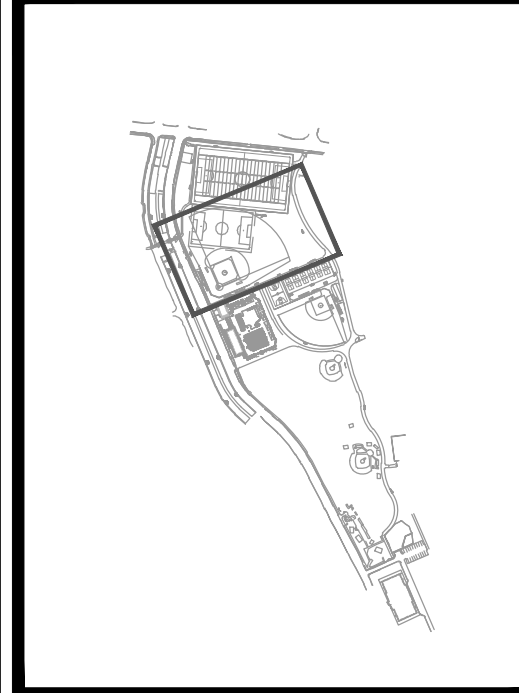
**A** SITE PREPARATION AND DEMOLITION PLAN A  
SCALE: 1"=20'-0"



**B** SITE PREPARATION AND DEMOLITION PLAN B  
SCALE: 1"=20'-0"

**C** SITE PREPARATION AND DEMOLITION PLAN C  
SCALE: 1"=20'-0"

SCALE: 1"=20'-0"



No.	Date	Description
1	11.06.24	ADDENDUM #1

COA:

Seal:

Issued For:

**BID DOCUMENTS**

Scale: 1"=20'

Date: 10/24/2024  
 Drawn By: AG, JCF, TF  
 Reviewed By: JM, CB  
 Approved By: CB

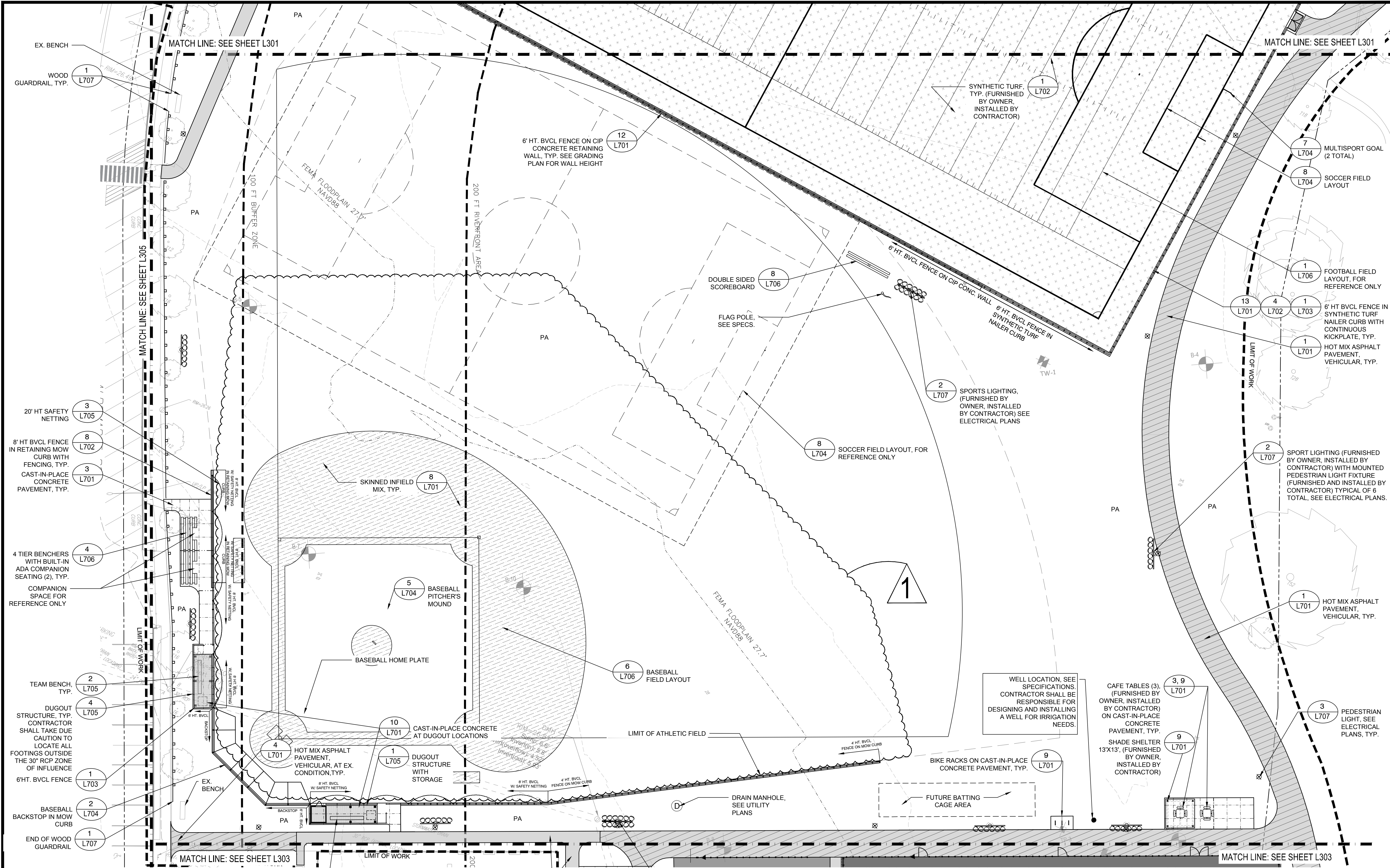
W&S Project No.: ENG22-0315  
 City Proj. No.: IFB #25-29

Drawing Title:

**MATERIALS PLAN**

Sheet Number:

**L302**



### LEGEND

- LIMIT OF WORK
- PROPERTY LINE
- MATCH LINE
- WETLAND FLAGS
- 100' & 200' RIVERFRONT AREA
- FEMA FLOODPLAIN 27.7' NAVD88
- BVCL FENCE, VARYING HEIGHTS
- BVCL FENCE IN CIP CONCRETE RETAINING WALL
- BVCL FENCE IN RETAINING MOW CURB
- HOT MIX ASPHALT PAVEMENT, PEDESTRIAN
- HOT MIX ASPHALT PAVEMENT, VEHICULAR
- CAST-IN-PLACE CONCRETE PAVEMENT
- SYNTHETIC TURF (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR)
- SKINNED INFIELD MIX
- DUGOUT STRUCTURE
- BLEACHERS WITH COMPANION SEATING
- BENCHES (2), (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR) AND COMPANION SPACE ON CONCRETE PAD, TYP.
- BIKE RACK CAST-IN-PLACE CONCRETE PAD
- BIGBELLIES AND DOG WASTE RECEPTACLES
- ADA CAFE TABLE, AND 4 SEAT CAFE TABLE (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR)
- CAST-IN-PLACE CONCRETE STAIRS WITH HANDRAIL
- RIP RAP APRRON, TYP.
- BACKSTOP
- 12' WD. VEHICULAR GATE
- SPORTS LIGHTING, (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR), SEE ELECTRICAL PLAN
- PEDESTRIAN LIGHTING, SEE ELECTRICAL PLANS
- FOUR-SIDED WAY FINDING SIGN ON 6" CEDAR POST
- ADA ACCESSIBILITY SIGN "NOT ACCESSIBLE ROUTE"
- PUSH-ON LIGHTING SIGN
- DRAIN MANHOLE, SEE CIVIL PLANS
- EX. TYP. CONC. SPECS.
- BVCL PA
- CIP WGR
- PAVE WD
- EXISTING TYPICAL CONCRETE SPECIFICATIONS
- BLACK VINYL CHAIN LINK PLANTING AREA
- CAST IN PLACE WOOD GUARDRAIL PAVEMENT WIDTH

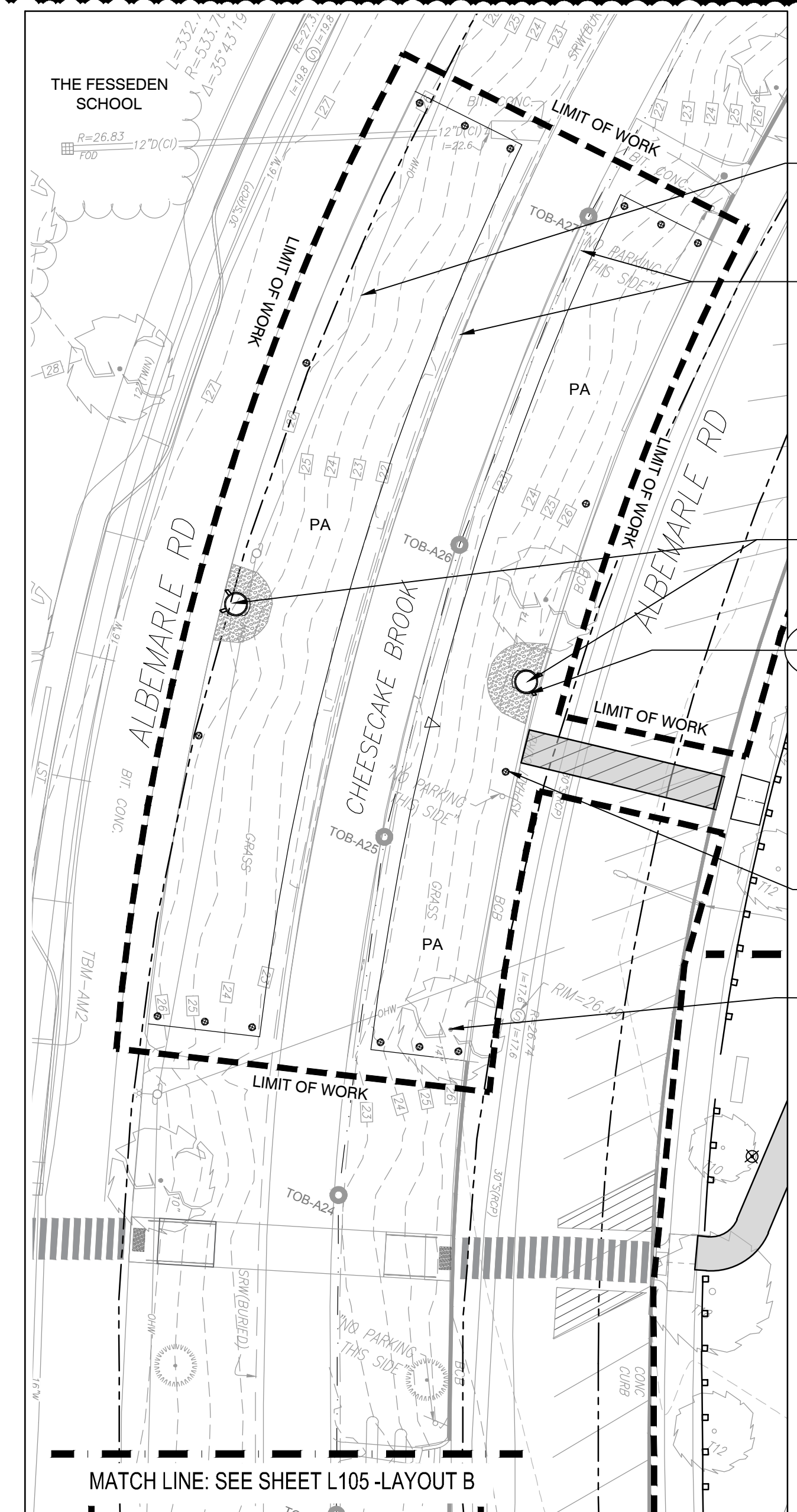
### MATERIALS NOTES

- SEE SHEET L301 FOR MATERIALS NOTES.

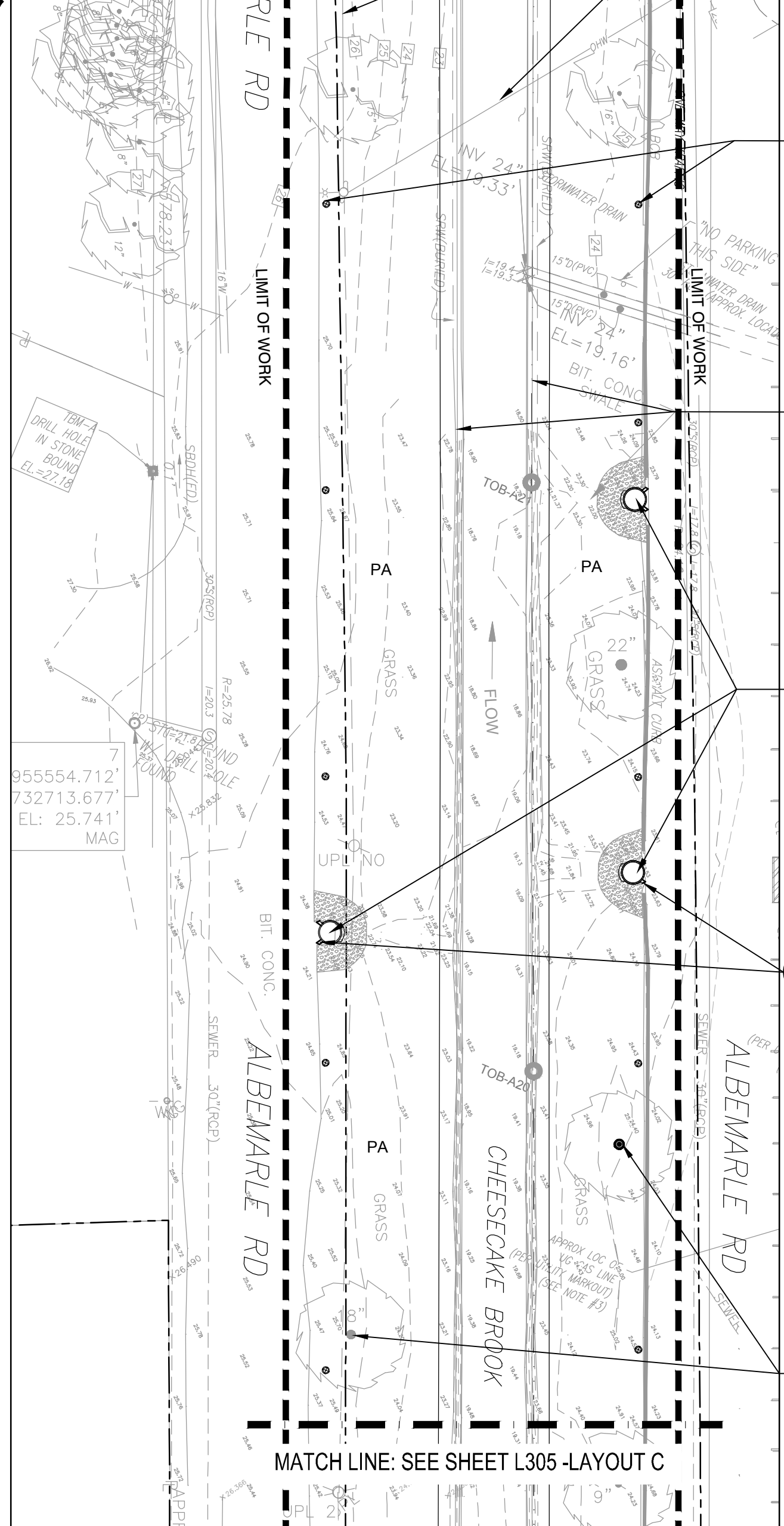


**LEGEND**

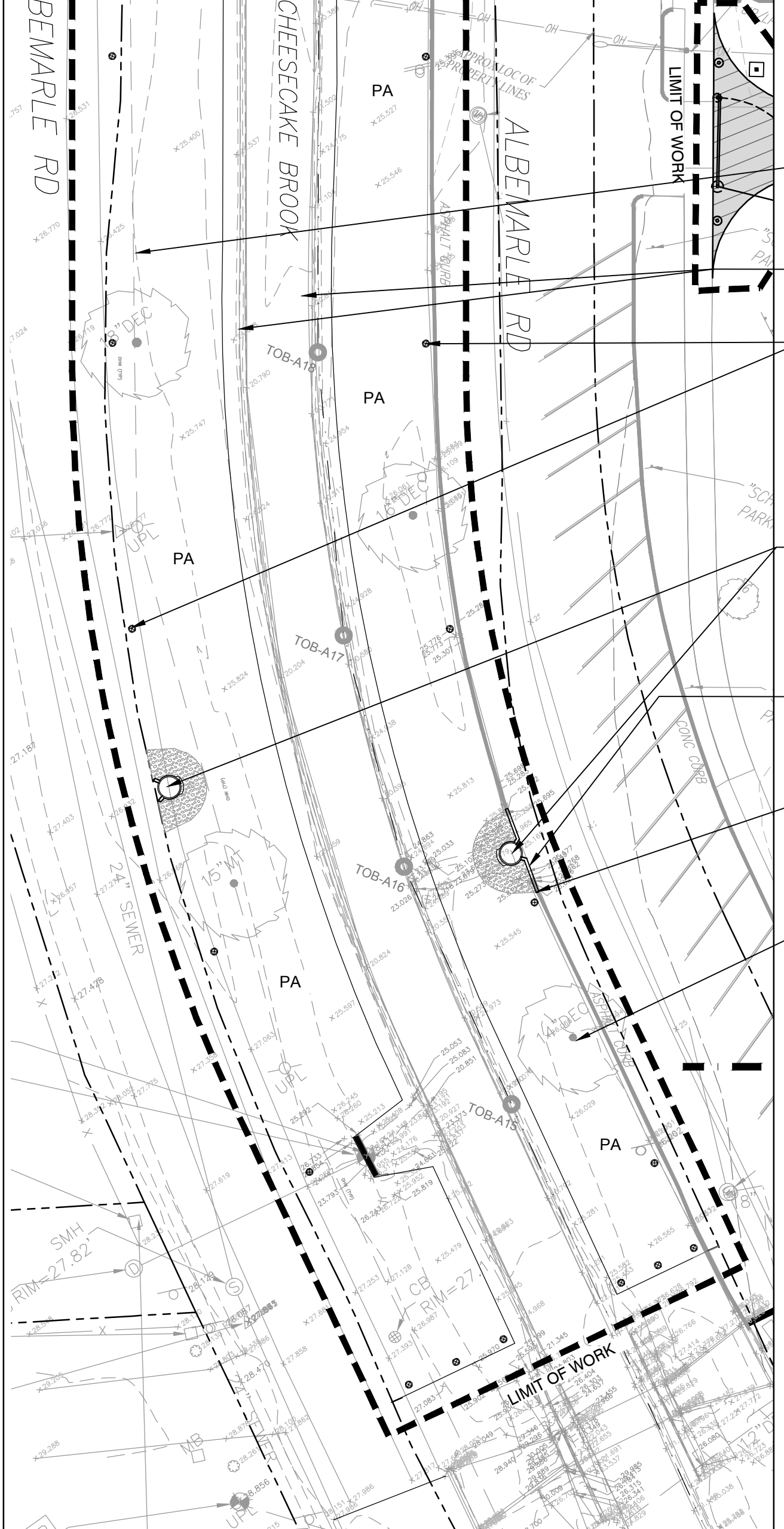
	LIMIT OF WORK		SYNTHETIC TURF (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR)		12' WD. VEHICULAR GATE
	PROPERTY LINE		SKINNED INFIELD MIX		SPORTS LIGHTING, (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR), SEE ELECTRICAL PLAN
	WETLAND FLAGS		DUGOUT STRUCTURE		PEDESTRIAN LIGHTING, SEE ELECTRICAL PLANS
	100' & 200' RIVERFRONT AREA		BLEACHERS WITH COMPANION SEATING		FOUR-SIDED WAY FINDING SIGN ON 6" CEDAR POST
	FEMA FLOODPLAIN 27.7' NAVD88		BENCHES (2), (FURNISHED BY CONTRACTOR) AND COMPANION SPACE ON CONCRETE PAD, TYP.		ADA ACCESSIBILITY SIGN "NOT ACCESSIBLE ROUTE" PUSH-ON LIGHTING SIGN
	BYCL FENCE, VARYING HEIGHTS		BIKE RACK CAST-IN-PLACE CONCRETE PAD		DRAIN MANHOLE, SEE CIVIL PLANS
	BYCL FENCE IN CIP CONC RETAINING WALL		BIGBELLIES AND DOG WASTE RECEPTACLES		EXISTING TYPICAL CONCRETE SPECIFICATIONS
	BYCL FENCE IN RETAINING MOW CURB		ADA CAFE TABLE, AND 4 SEAT CAFE TABLE (FURNISHED BY OWNER, INSTALLED BY CONTRACTOR)		BLACK VINYL CHAIN LINK PLANTING AREA CAST IN PLACE
	20' HT. BALL NETTING AT BYCL FENCE		CAST-IN-PLACE CONCRETE STAIRS WITH HANDRAIL		WOOD GUARDRAIL PAVEMENT WIDTH
	WOOD GUARDRAIL SCORE JOINT		BACKSTOP		
	EXPANSION JOINT				
	LIMIT OF ATHLETIC FIELD				
	SEED MIX & ROOT ZONE MIX				
	GRANITE CURB				
	HOT MIX ASPHALT PAVEMENT, PEDESTRIAN, WITH COLOR SEAL COAT, COLORS 1 & 2				
	HOT MIX ASPHALT PAVEMENT, PEDESTRIAN				
	HOT MIX ASPHALT PAVEMENT, VEHICULAR				
	CAST-IN-PLACE CONCRETE PAVEMENT				



**A** MATERIALS PLAN A  
SCALE: 1"=20'-0"



**B** MATERIALS PLAN B  
SCALE: 1"=20'-0"

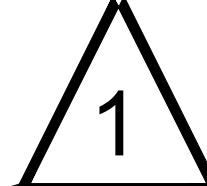


**C** MATERIALS PLAN C  
SCALE: 1"=20'-0"

**SIGN SCHEDULE**

SYMBOL	TYPE	QTY	NOTES
	MITIGATION SIGN (SPACED 50' O.C. PER PLAN)	56	SEE NOTE 1,3

- NOTES:
1. SELECTED SIGNS TO BE FIELD LOCATED BY OWNER'S REPRESENTATIVE.
  2. ALL SIGN LOCATIONS SHALL BE VERIFIED IN FIELD BY OWNER OR OWNER'S REPRESENTATIVE.
  3. SEE SPECIFICATIONS FOR SIGNS REQUIREMENTS.



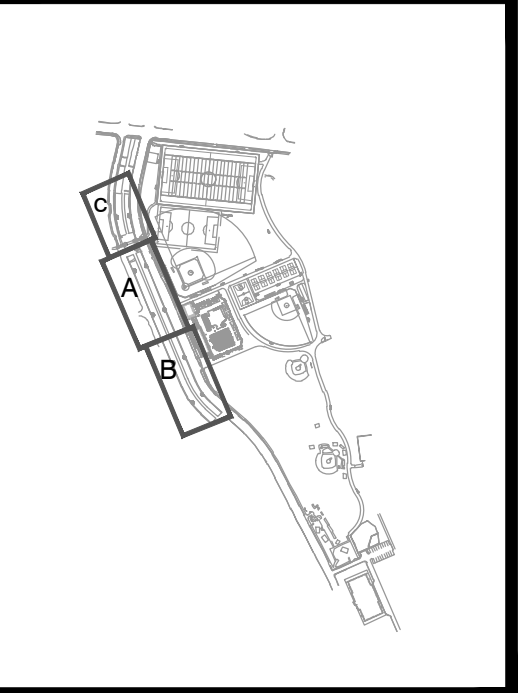
SCALE: 1"=20'-0"

IMPROVEMENTS TO ALBEMARLE PLAYGROUND NORTH AND MULTI-USE PATH, PHASE 1

250 ALBEMARLE RD  
NEWTON, MA 02460

**Weston & Sampson**

Weston & Sampson Engineers, Inc.  
100 Foxborough Boulevard, Suite 250  
Foxborough, MA 02035  
978.532.1900 800.SAMPSON  
www.westonandsampson.com



Revisions:

No.	Date	Description
1	11.06.24	ADDENDUM #1

COA:

Seal:

Issued For:

**BID DOCUMENTS**

Scale: 1"=20'

Date: 10/24/2024  
 Drawn By: AG, JCF, TF  
 Reviewed By: JM, CB  
 Approved By: CB  
 W&S Project No.: ENG22-0315  
 City Proj. No.: IFB #25-29

Drawing Title:

**MATERIALS PLAN**

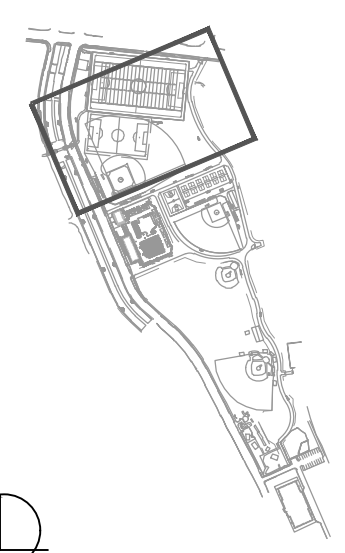
Sheet Number:

**L305**

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KEY PLAN:



Revisions:		
No.	Date	Description
1	11/6/2024	ADD. #1 - BB INFIELD SHIFT

COA:

Seal:

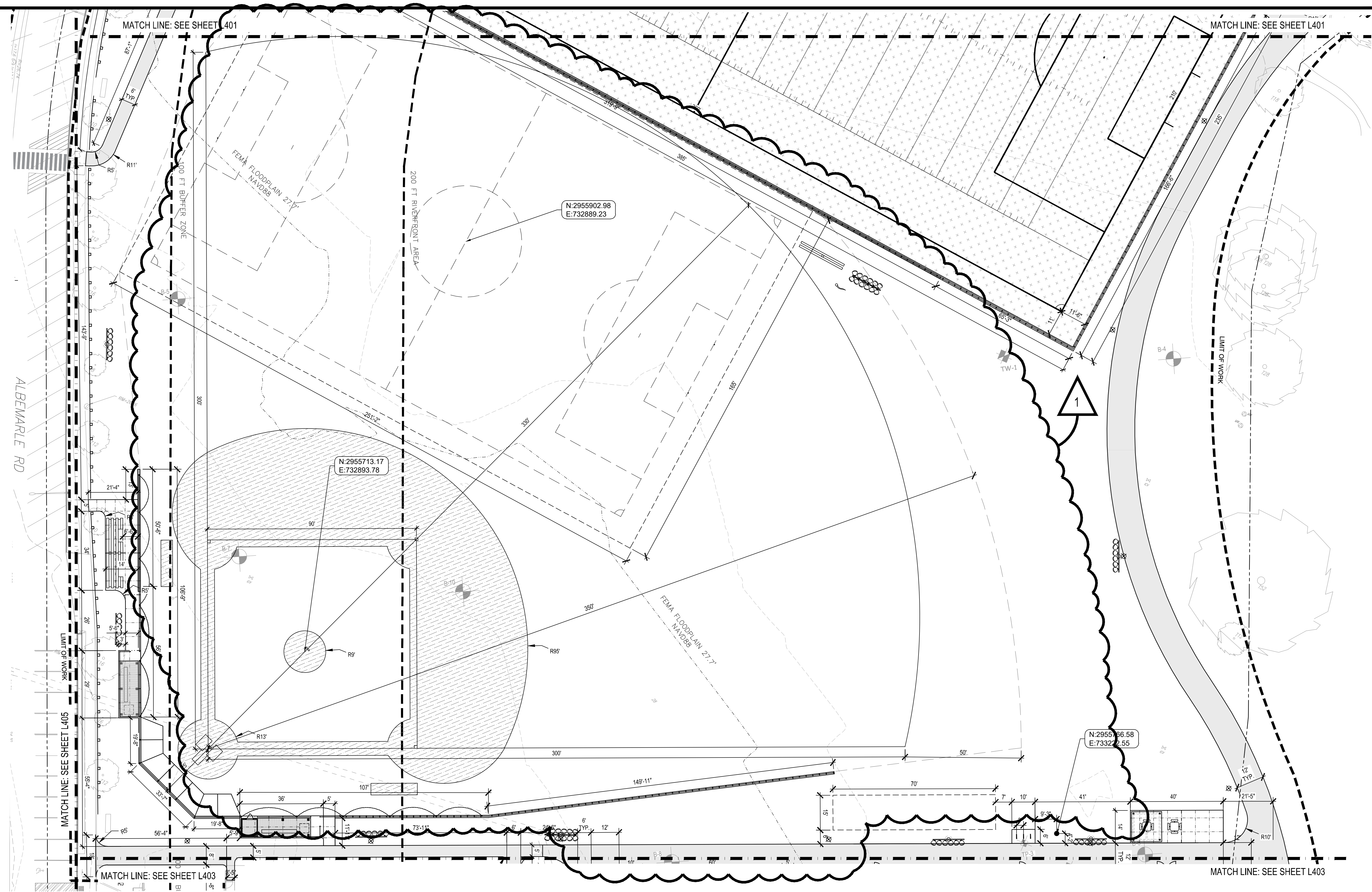
Issued For:  
**BID DOCUMENTS**

Scale: 1"=20'-0"

Date: 10/24/2024  
Drawn By: AG, JCF, TF  
Reviewed By: JM, CB  
Approved By: CB  
W&S Project No.: ENG22-0315  
City Proj. No.: IFB #25-29

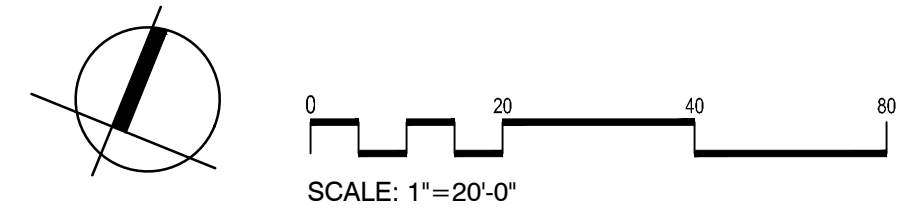
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**LAYOUT PLAN**

Sheet Number:  
**L402**

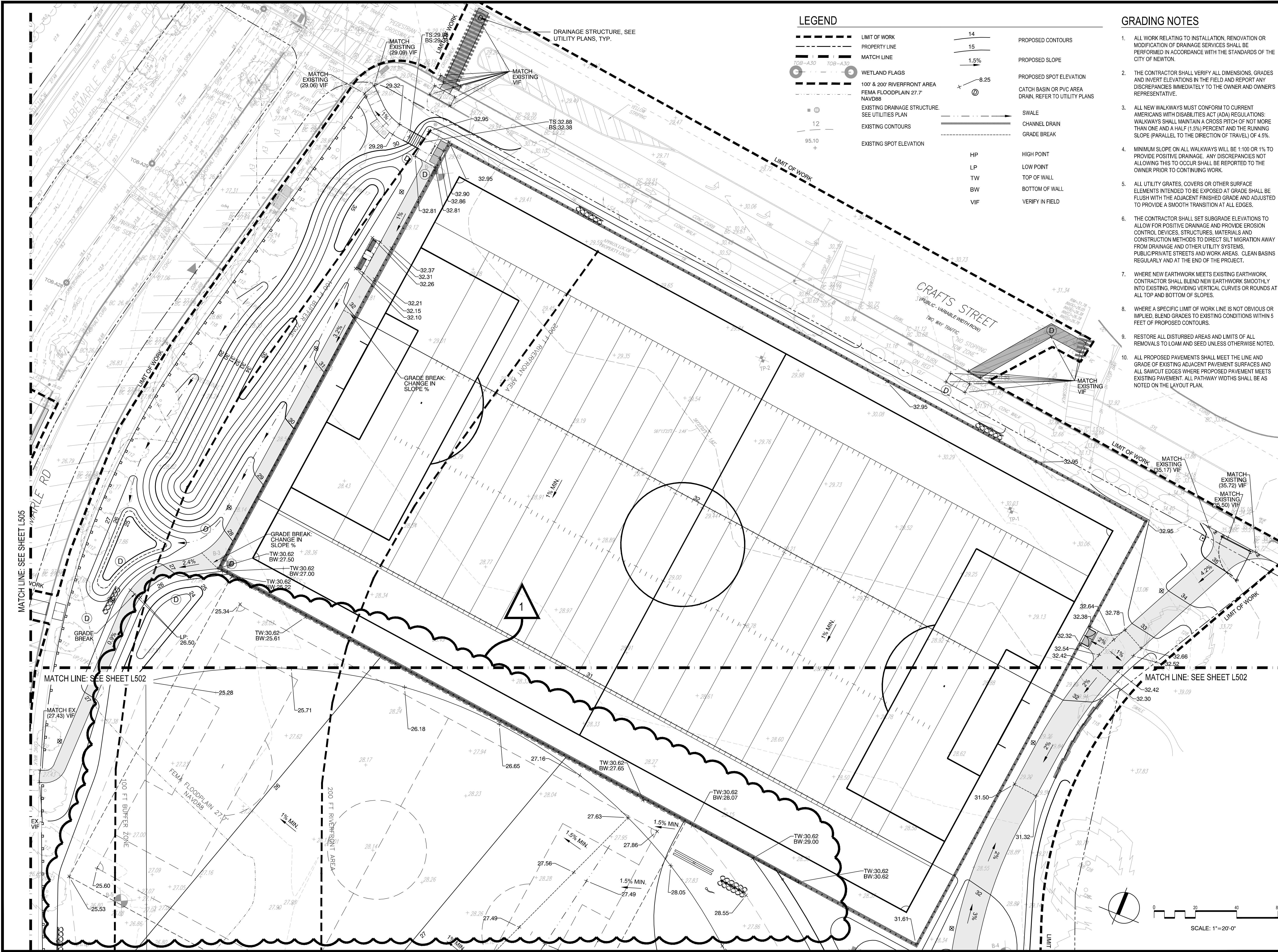


**LEGEND**

LIMIT OF WORK	TYP. ANGLE DIMENSION	CENTER LINE	POINT OF TANGENCY
PROPERTY LINE	TYP. DIMENSION	CENTER POINT	POINT OF REVERSE CURVE
TYP. DIMENSION	TYP. RADIUS DIMENSION	EQUAL	POINT OF CURVE
TYP. ARC DIMENSION		VERIFY IN FIELD	POINT OF INTERSECTION
		BASE POINT	EDGE OF PAVEMENT / END POINT
		MIDDLE	
		POINT OF COMPOUND CURVE	



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**LEGEND**

- LIMIT OF WORK
- PROPERTY LINE
- MATCH LINE
- WETLAND FLAGS
- 100' & 200' RIVERFRONT AREA
- FEMA FLOODPLAIN 27.7' NAVD88
- EXISTING DRAINAGE STRUCTURE. SEE UTILITIES PLAN
- EXISTING CONTOURS
- EXISTING SPOT ELEVATION
- 14
- 15
- 1.5%
- 8.25
- SWALE
- CHANNEL DRAIN
- GRADE BREAK
- HP
- LP
- TW
- BW
- VIF
- PROPOSED CONTOURS
- PROPOSED SLOPE
- PROPOSED SPOT ELEVATION
- CATCH BASIN OR PVC AREA DRAIN, REFER TO UTILITIES PLANS
- HIGH POINT
- LOW POINT
- TOP OF WALL
- BOTTOM OF WALL
- VERIFY IN FIELD

**GRADING NOTES**

1. ALL WORK RELATING TO INSTALLATION, RENOVATION OR MODIFICATION OF DRAINAGE SERVICES SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS OF THE CITY OF NEWTON.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, GRADES AND INVERT ELEVATIONS IN THE FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER AND OWNER'S REPRESENTATIVE.
3. ALL NEW WALKWAYS MUST CONFORM TO CURRENT AMERICANS WITH DISABILITIES ACT (ADA) REGULATIONS. WALKWAYS SHALL MAINTAIN A CROSS PITCH OF NOT MORE THAN ONE AND A HALF (1.5%) PERCENT AND THE RUNNING SLOPE (PARALLEL TO THE DIRECTION OF TRAVEL) OF 4.5%.
4. MINIMUM SLOPE ON ALL WALKWAYS WILL BE 1:100 OR 1% TO PROVIDE POSITIVE DRAINAGE. ANY DISCREPANCIES NOT ALLOWING THIS TO OCCUR SHALL BE REPORTED TO THE OWNER PRIOR TO CONTINUING WORK.
5. ALL UTILITY GRATES, COVERS OR OTHER SURFACE ELEMENTS INTENDED TO BE EXPOSED AT GRADE SHALL BE FLUSH WITH THE ADJACENT FINISHED GRADE AND ADJUSTED TO PROVIDE A SMOOTH TRANSITION AT ALL EDGES.
6. THE CONTRACTOR SHALL SET SUBGRADE ELEVATIONS TO ALLOW FOR POSITIVE DRAINAGE AND PROVIDE EROSION CONTROL DEVICES, STRUCTURES, MATERIALS AND CONSTRUCTION METHODS TO DIRECT SILT MIGRATION AWAY FROM DRAINAGE AND OTHER UTILITY SYSTEMS. PUBLIC/PRIVATE STREETS AND WORK AREAS. CLEAN BASINS REGULARLY AND AT THE END OF THE PROJECT.
7. WHERE NEW EARTHWORK MEETS EXISTING EARTHWORK, CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING, PROVIDING VERTICAL CURVES OR ROUNDS AT ALL TOP AND BOTTOM OF SLOPES.
8. WHERE A SPECIFIC LIMIT OF WORK LINE IS NOT OBVIOUS OR IMPLIED, BLEND GRADES TO EXISTING CONDITIONS WITHIN 5 FEET OF PROPOSED CONTOURS.
9. RESTORE ALL DISTURBED AREAS AND LIMITS OF ALL REMOVALS TO LOAM AND SEED UNLESS OTHERWISE NOTED.
10. ALL PROPOSED PAVEMENTS SHALL MEET THE LINE AND GRADE OF EXISTING ADJACENT PAVEMENT SURFACES AND ALL SAWCUT EDGES WHERE PROPOSED PAVEMENT MEETS EXISTING PAVEMENT. ALL PATHWAY WIDTHS SHALL BE AS NOTED ON THE LAYOUT PLAN.

IMPROVEMENTS TO ALBEMARLE PLAYGROUND NORTH AND MULTI-USE PATH, PHASE 1

250 ALBEMARLE RD  
NEWTON, MA 02460

**Weston & Sampson**

Weston & Sampson Engineers, Inc.  
100 Foxborough Boulevard, Suite 250  
Foxborough, MA 02035  
978.532.1900 800.SAMPSON  
www.westonandsampson.com

**KEY PLAN:**

Revisions:

No.	Date	Description
1	11/6/2024	ADD #1 - BB INFIELD SHIFT

COA:

Seal:

Issued For:

**BID DOCUMENTS**

Scale: 1"=20'-0"

Date: 10/24/2024

Drawn By: AG, JCF, TF

Reviewed By: JM, CB

Approved By: CB

W&S Project No.: ENG22-0315

City Proj. No.: IFB #25-29

Drawing Title:

**GRADING PLAN**

Sheet Number:

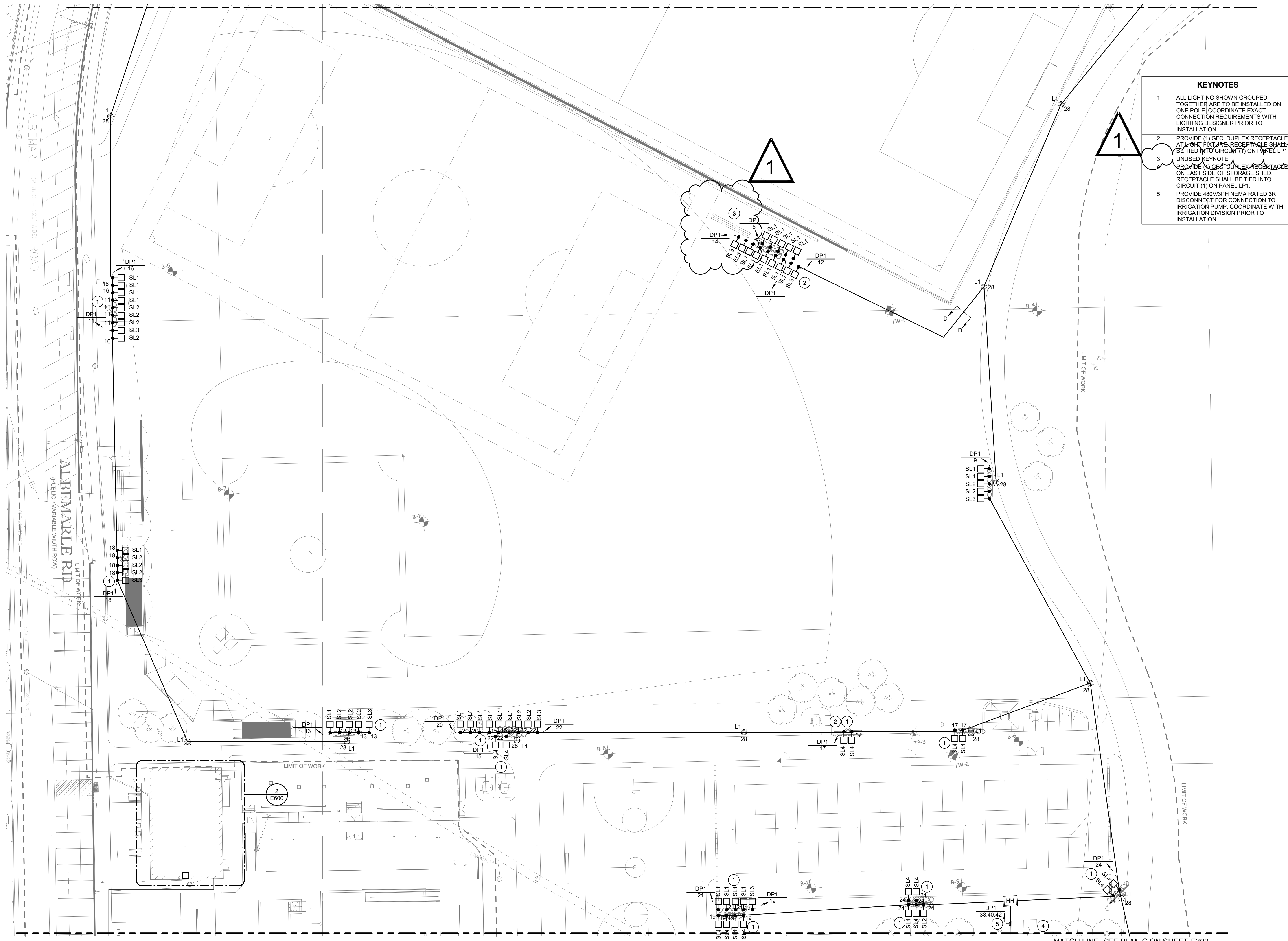
**L501**

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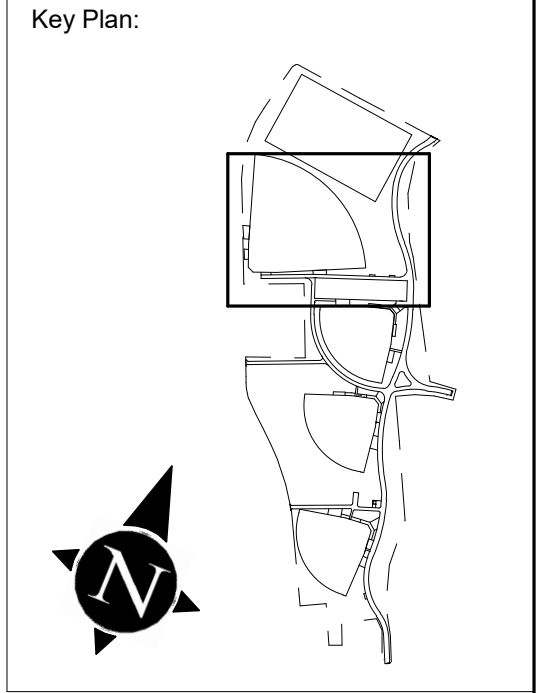




KEYNOTES	
1	ALL LIGHTING SHOWN GROUPED TOGETHER ARE TO BE INSTALLED ON ONE POLE. COORDINATE EXACT CONNECTION REQUIREMENTS WITH LIGHTING DESIGNER PRIOR TO INSTALLATION.
2	PROVIDE (1) GFCI DUPLEX RECEPTACLE AT LIGHT FIXTURE RECEPTACLE SHALL BE TIED INTO CIRCUIT (1) ON PANEL LP1.
3	UNUSED KEYNOTE PROVIDE (1) GFCI DUPLEX RECEPTACLE ON EAST SIDE OF STORAGE SHED. RECEPTACLE SHALL BE TIED INTO CIRCUIT (1) ON PANEL LP1.
5	PROVIDE 480V/3PH NEMA RATED 3R DISCONNECT FOR CONNECTION TO IRRIGATION PUMP. COORDINATE WITH IRRIGATION DIVISION PRIOR TO INSTALLATION.

Project:  
**IMPROVEMENTS TO**  
  
**NEWTON**  
 Parks, Recreation & Culture  
 250 ALBEMARLE RD  
 NEWTON, MA 024

**Weston & Sampson**  
 Weston & Sampson Engineers, Inc.  
 100 Foxborough Boulevard, Suite 250  
 Foxborough, MA 02035  
 978.532.1900 800.SAMPSON  
 www.westonandsampson.com



Revisions:

No.	Date	Description
1	11/6/2024	ADDENDUM 1

  
**FITZMEYER & TOCCI**  
 CONSULTANTS  
 300 Uncom Park Drive, 5th Floor  
 Woburn, MA 01887  
 (P) 781-481-0210 (F) 781-481-0203

Seal:

Issued For:  
**FINAL REVIEW PACKAGE**

Scale: **AS NOTED**

Date: 10/23/2024  
 Drawn By: SN  
 Checked By: TXP  
 Approved By: TXP  
 W&S Project No: ENG22-0315  
 W&SFile No: XXX

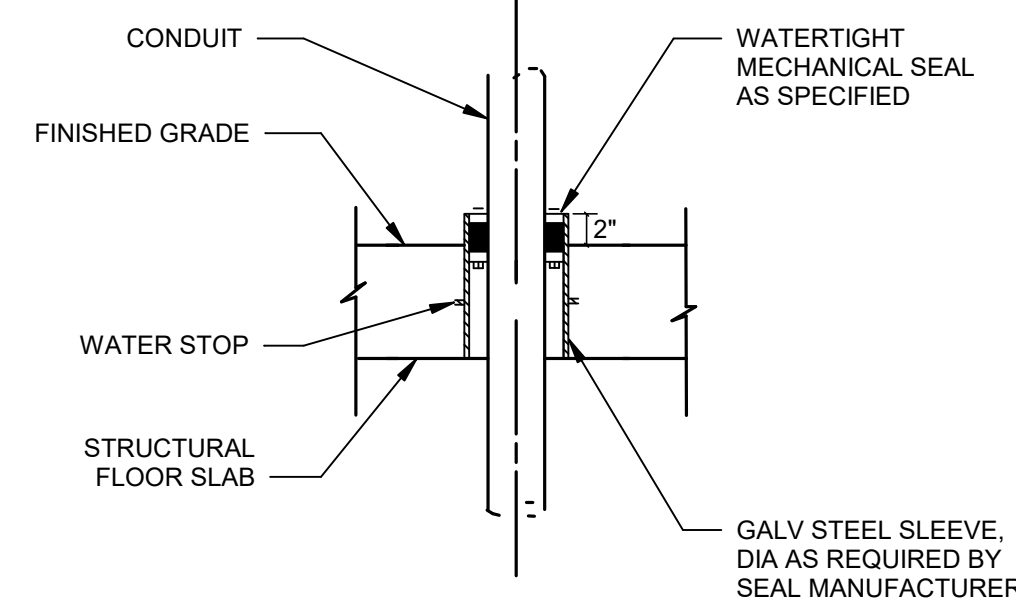
Drawing Title:  
**ELECTRICAL LIGHTING AND POWER PLAN B**

Sheet Number:  
**E302**

**B**  
 E302 ELECTRICAL LIGHTING AND POWER PLAN B  
 3/64" = 1'-0"

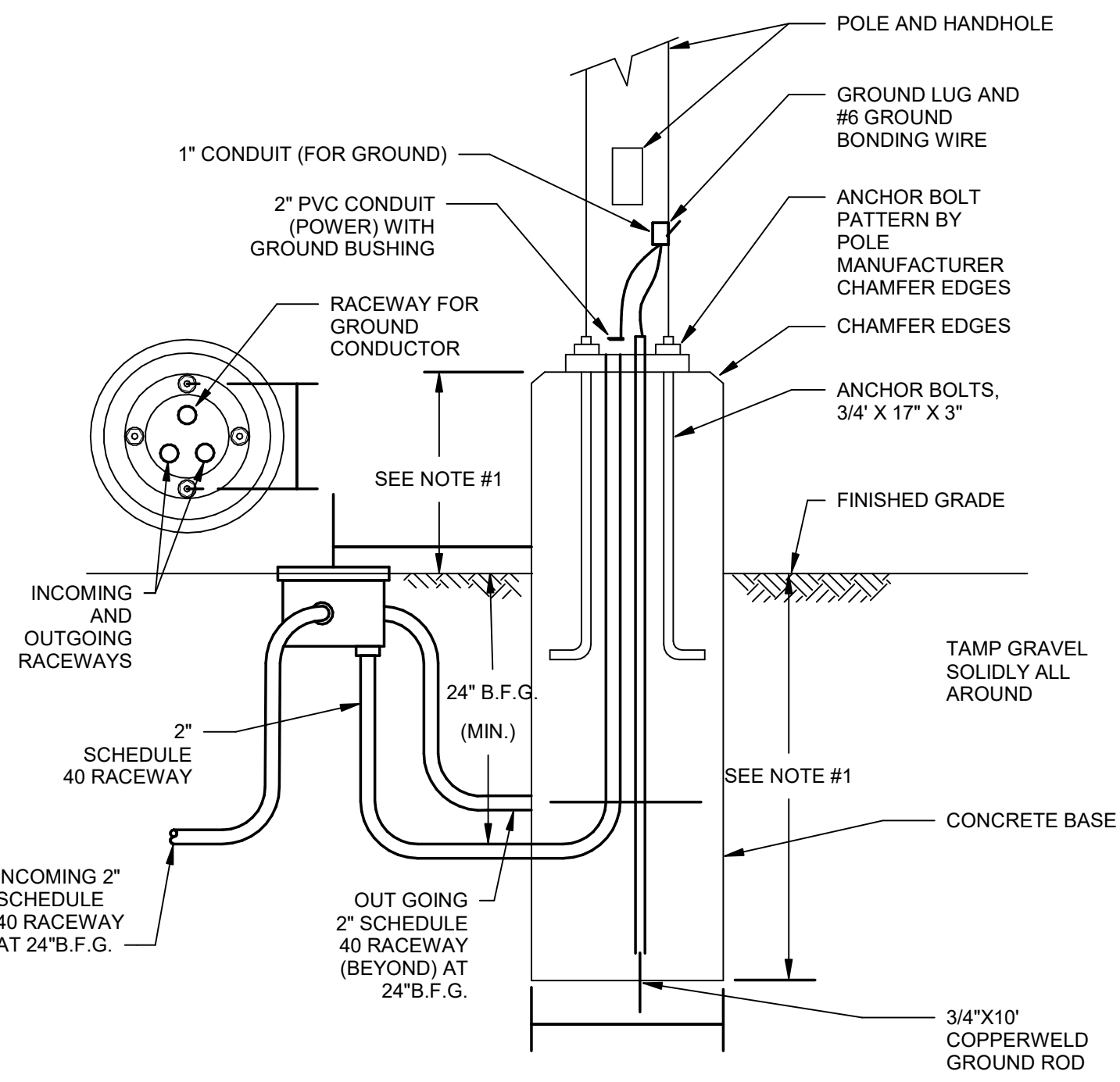
MATCH LINE, SEE PLAN C ON SHEET E303  
 16' 8' 0" 32' 48' 64'

1



**CONDUIT PENETRATION**

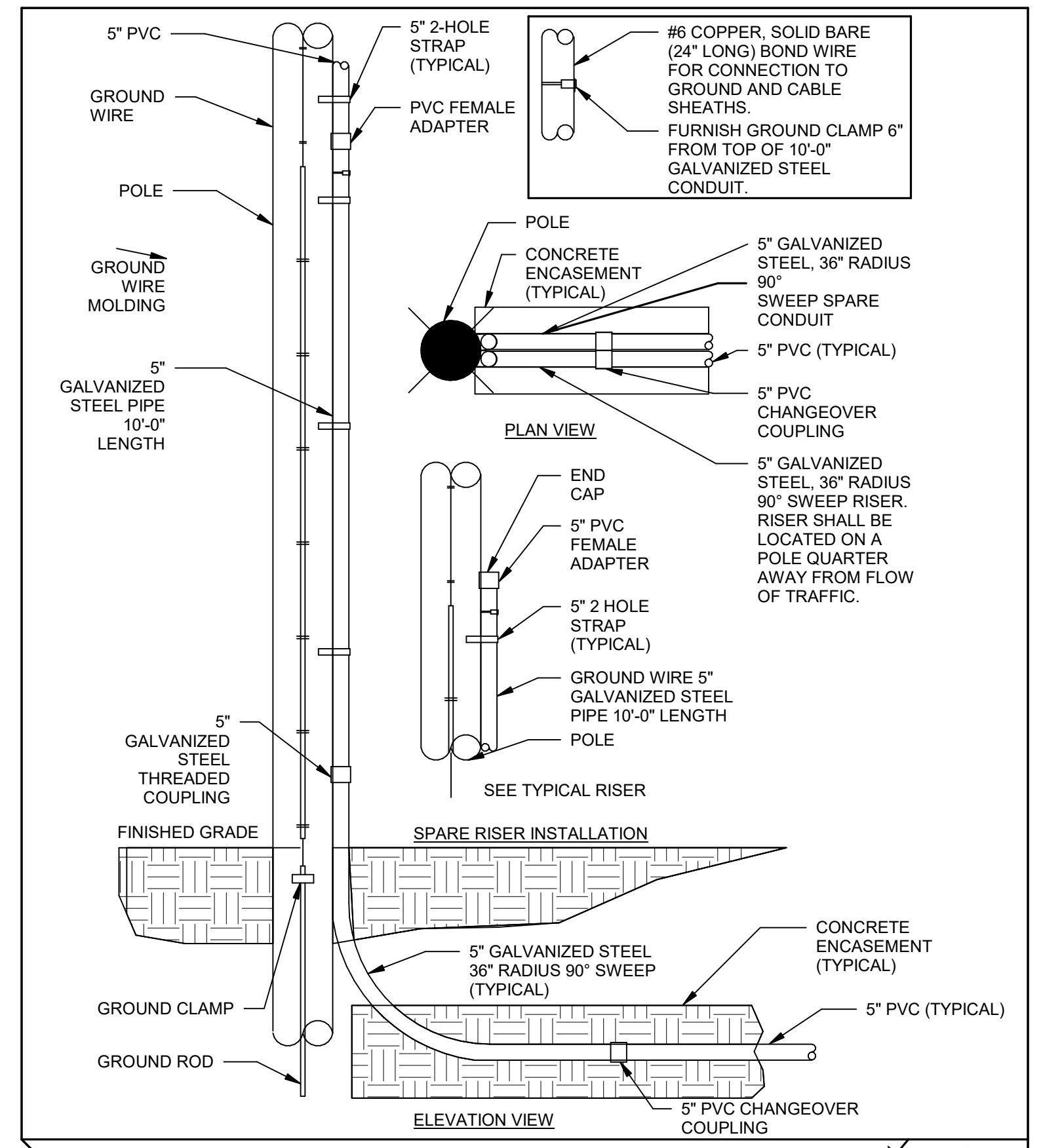
SCALE: NTS  
FITZMEYER & TOCCI



- NOTES:**
- HEIGHT SHALL BE 12" FOR TYPES MOUNTED IN NON-VEHICULAR AREAS. HEIGHT SHALL BE 36" FOR TYPES MOUNTED IN VEHICULAR AREAS.
  - COORDINATE WITH ARCHITECT, CIVIL ENGINEER, AND STRUCTURAL ENGINEER FOR ALL REQUIREMENTS.

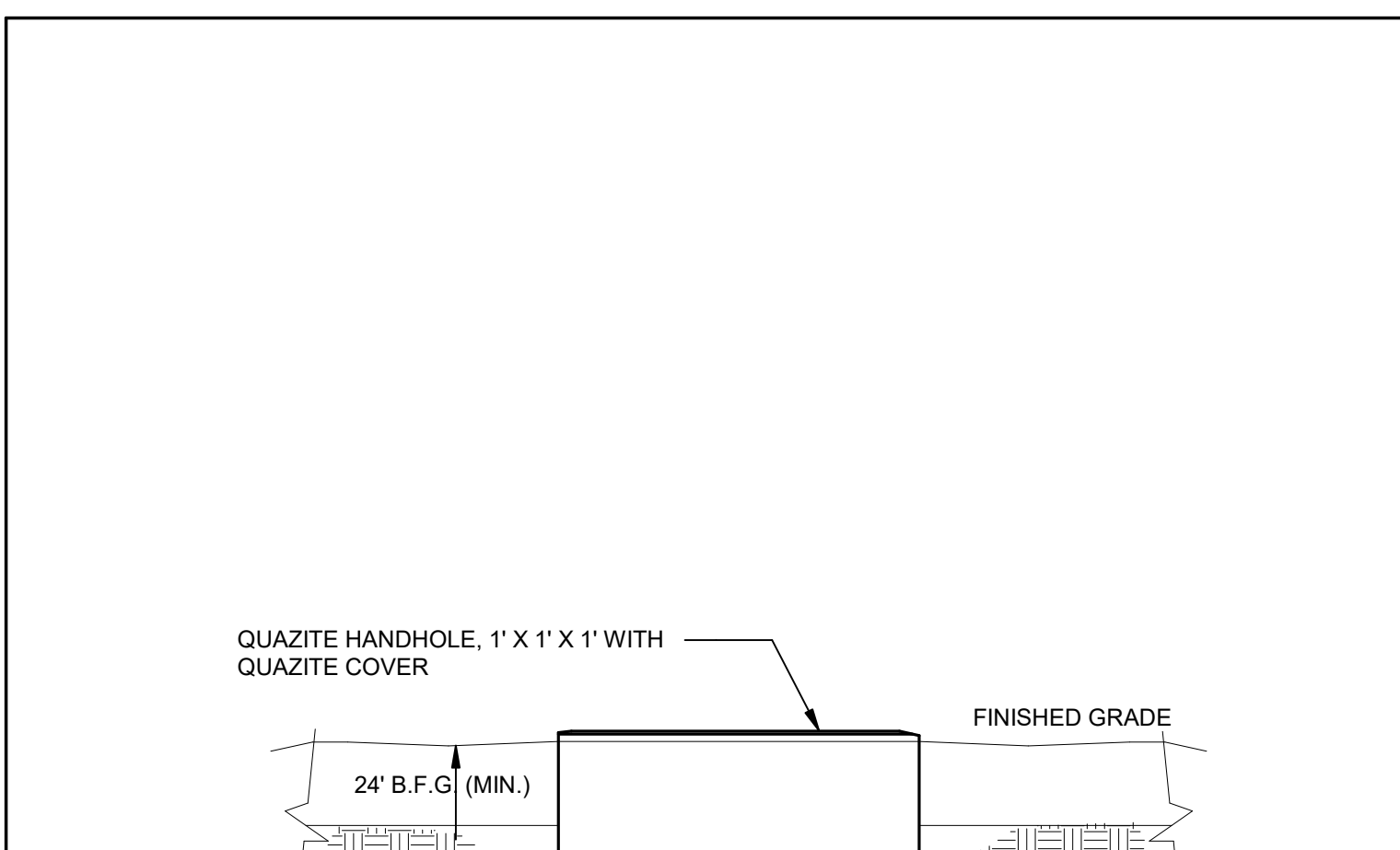
**POLE BASE DETAIL WITH HANDHOLE**

SCALE: NTS  
FITZMEYER & TOCCI



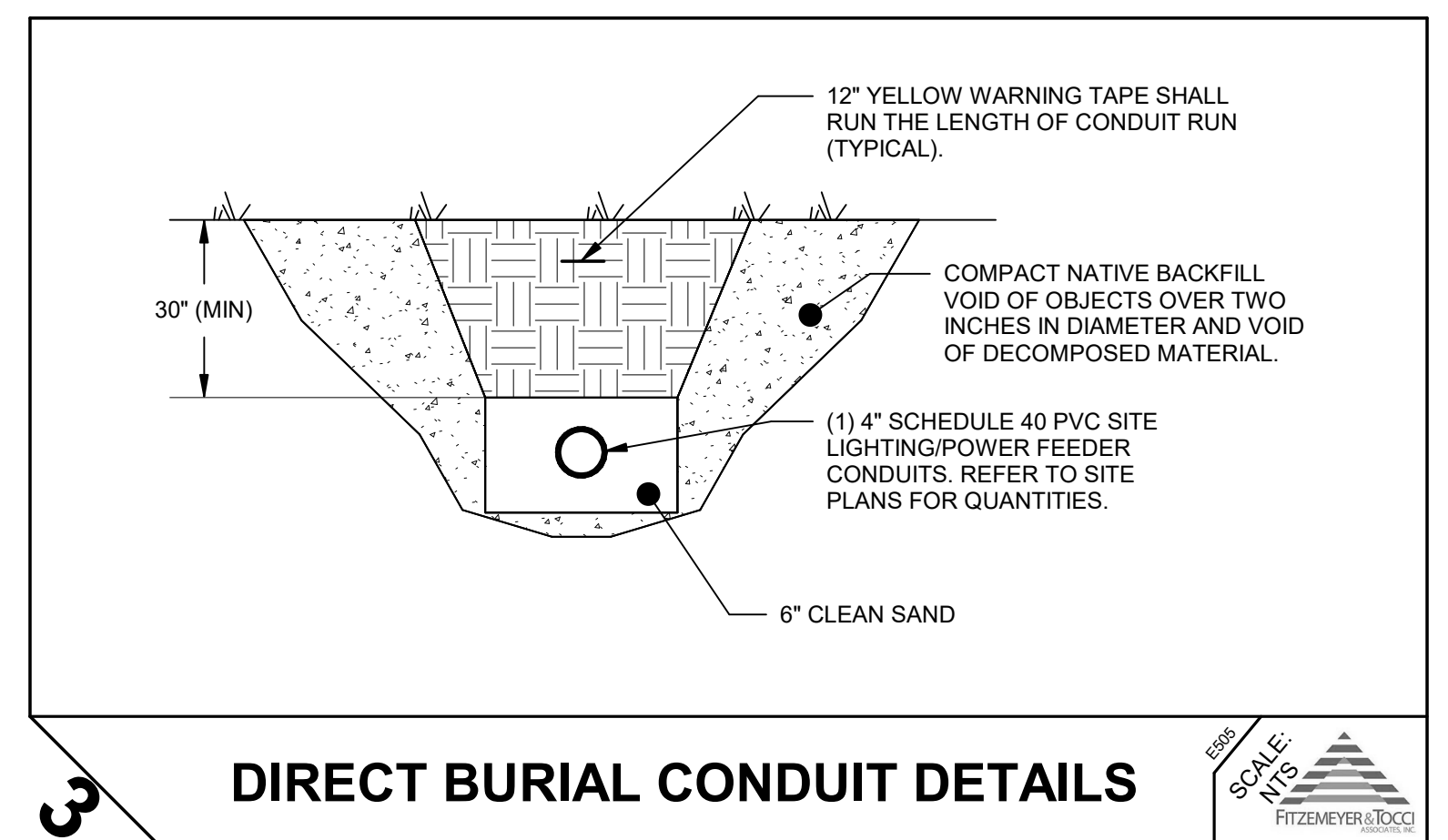
**TYPICAL PRIMARY POLE RISER DETAIL**

SCALE: NTS  
FITZMEYER & TOCCI



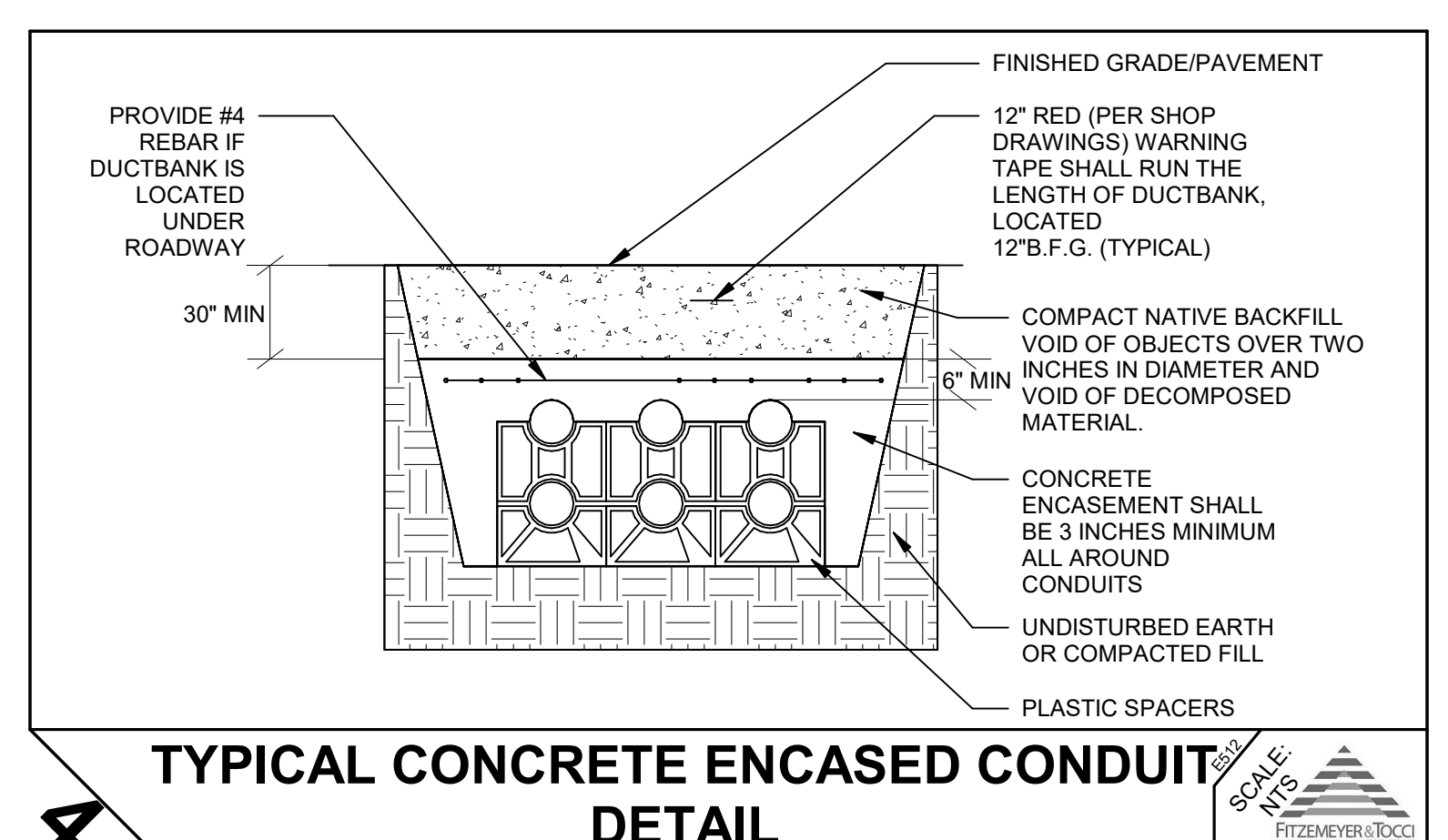
**HANDHOLE DETAIL**

SCALE: NTS  
FITZMEYER & TOCCI



**DIRECT BURIAL CONDUIT DETAILS**

SCALE: NTS  
FITZMEYER & TOCCI

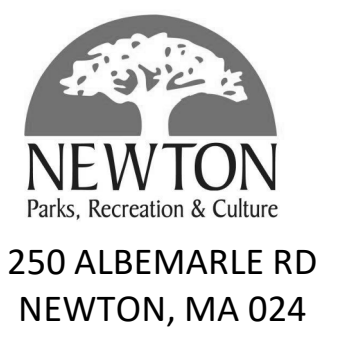


**TYPICAL CONCRETE ENCASED CONDUIT DETAIL**

SCALE: NTS  
FITZMEYER & TOCCI

Project:

IMPROVEMENTS TO



250 ALBEMARLE RD  
NEWTON, MA 024

Weston & Sampson

Weston & Sampson Engineers, Inc.  
100 Foxborough Boulevard, Suite 250  
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978.532.1900 800.SAMPSON  
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Key Plan:

Revisions:

No.	Date	Description
1	11/6/2024	ADDENDUM 1



Seal:

Issued For:

FINAL REVIEW PACKAGE

Scale: NTS

Date: 10/23/2024

Drawn By: SN

Checked By: TXP

Approved By: TXP

W&S Project No: ENG22-0315

W&S File No: XXX

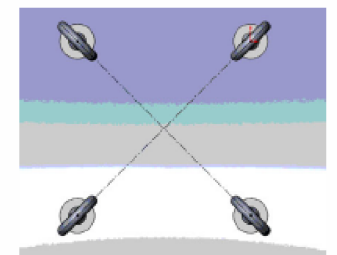
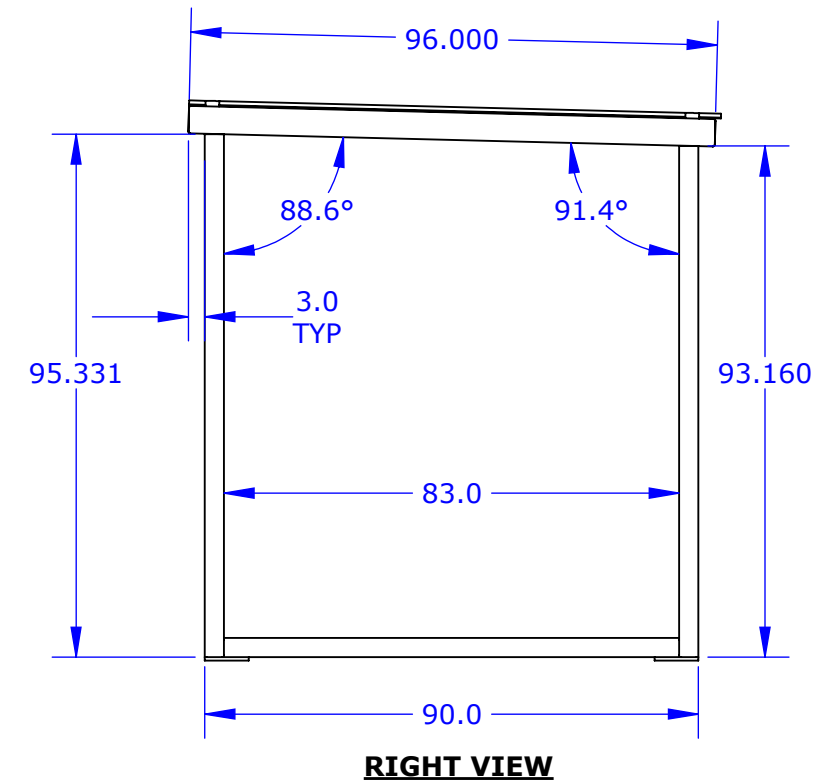
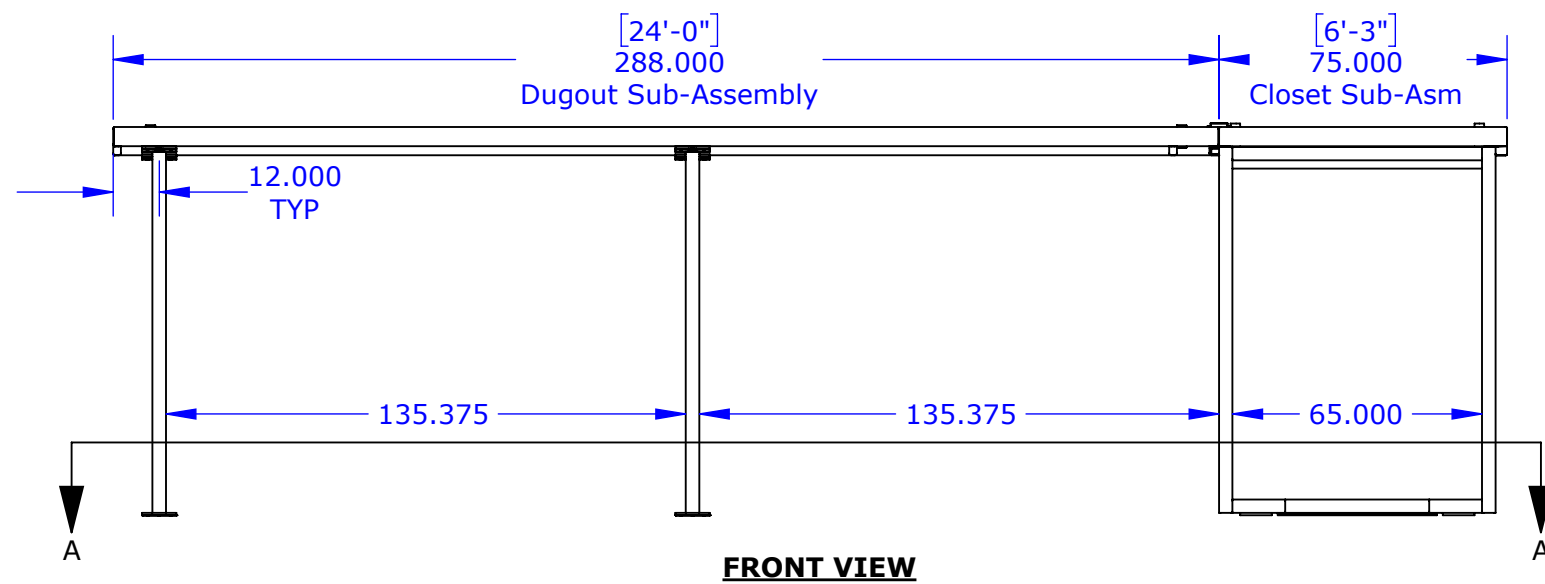
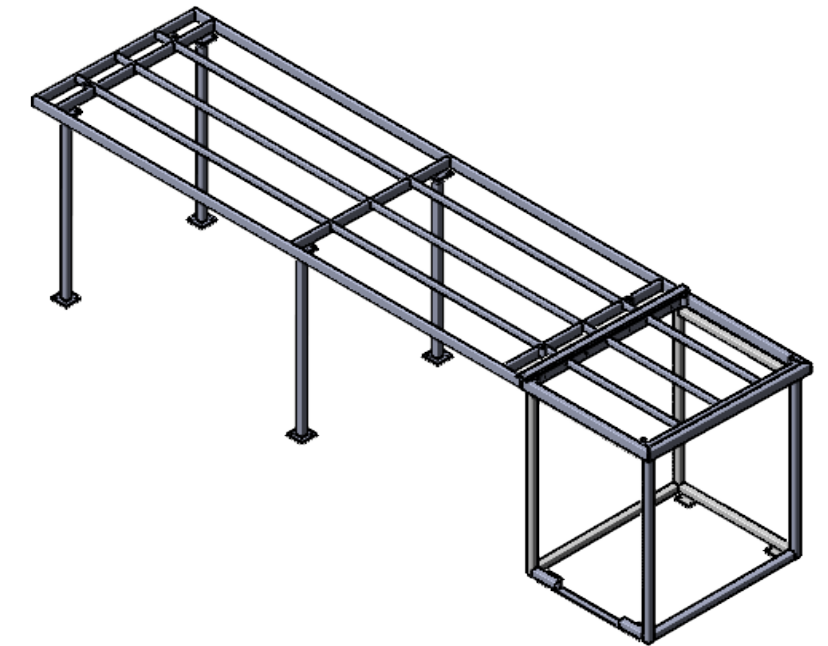
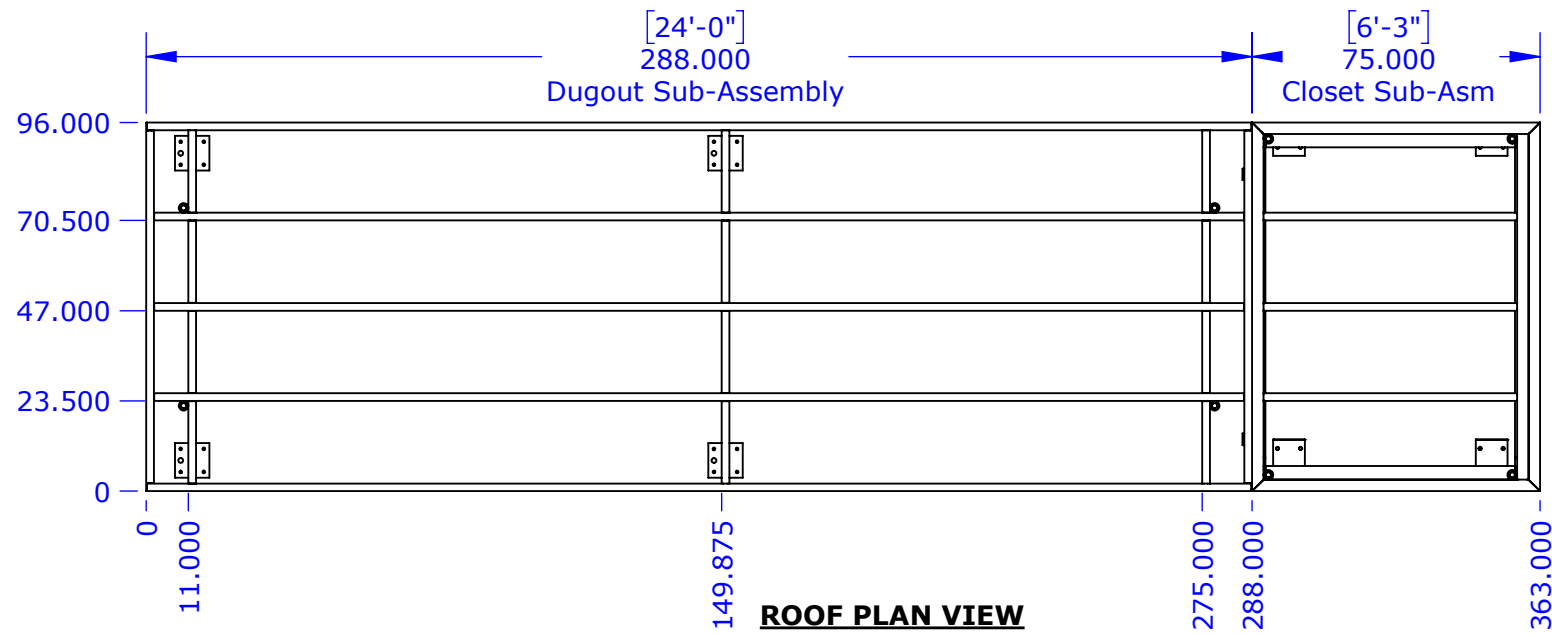
Drawing Title:

ELECTRICAL DETAILS

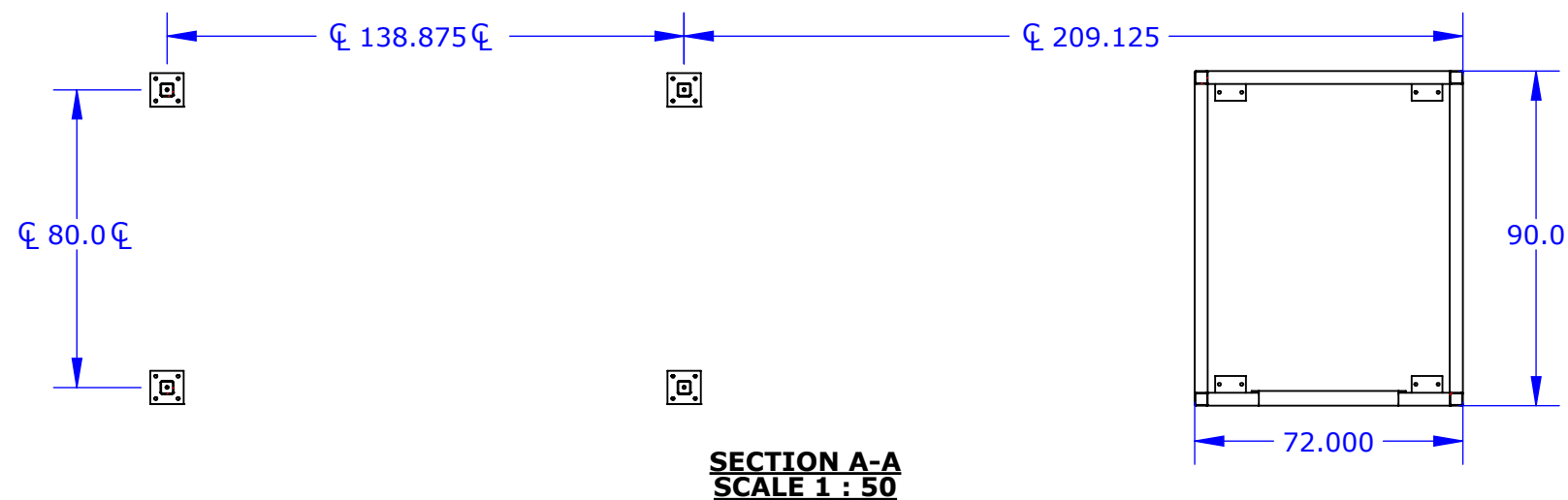
Sheet Number:

E900

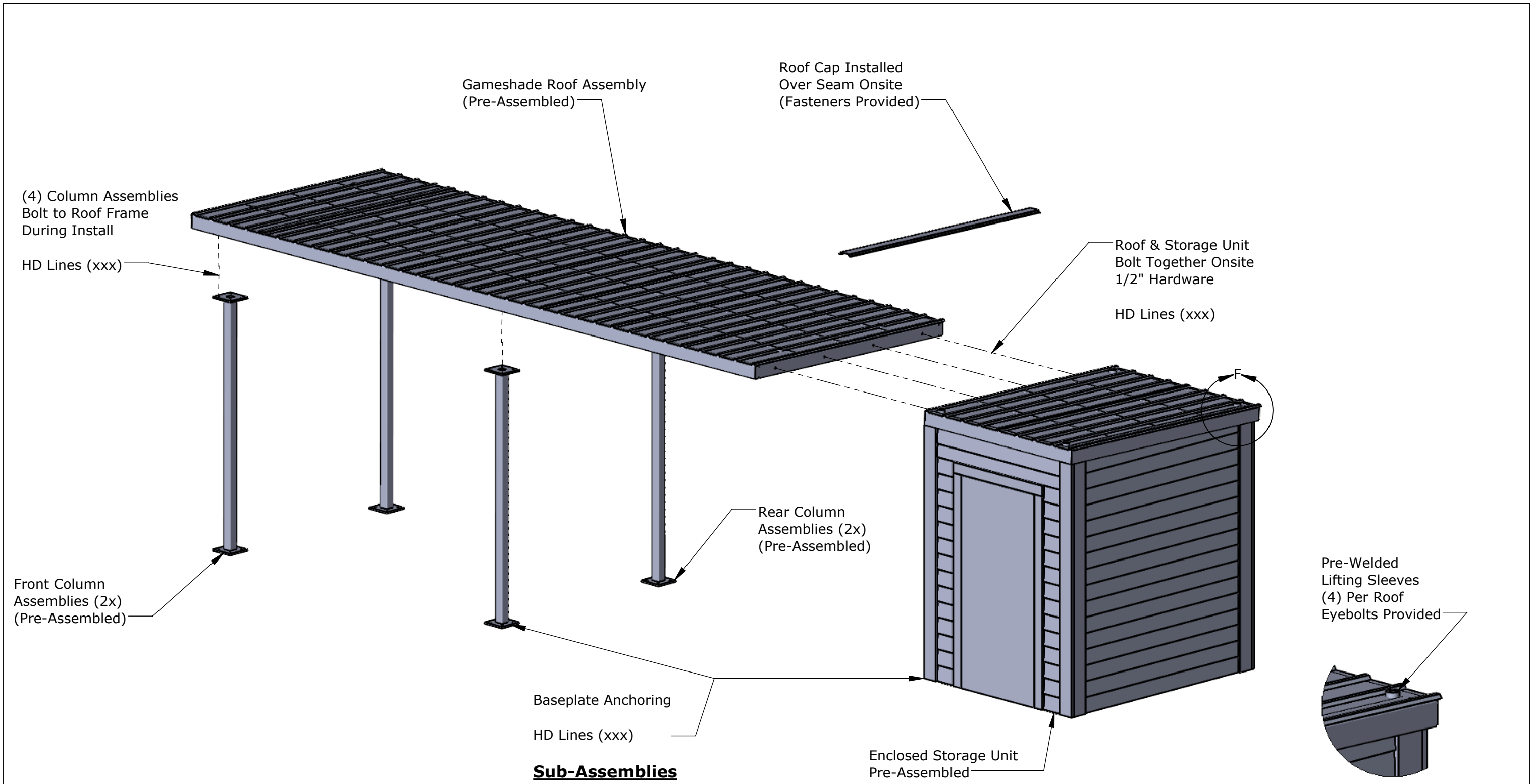




**LIFTING EYEBOLT ORIENTATION**



FINISH:			<b>ERP Part #: GD-CUSTOM</b>		
DRAWN BY			TITLE: Custom Gameshade With Closet		
REVISED BY			SIZE	DWG. NO.	REV
SPORTSFIELD SPECIALTIES INC.			<b>B</b>	<b>121974</b>	<b>A</b>
SCALE: 1:64			DO NOT SCALE DRAWING	WEIGHT: 1367.283	SHEET 1 OF 7

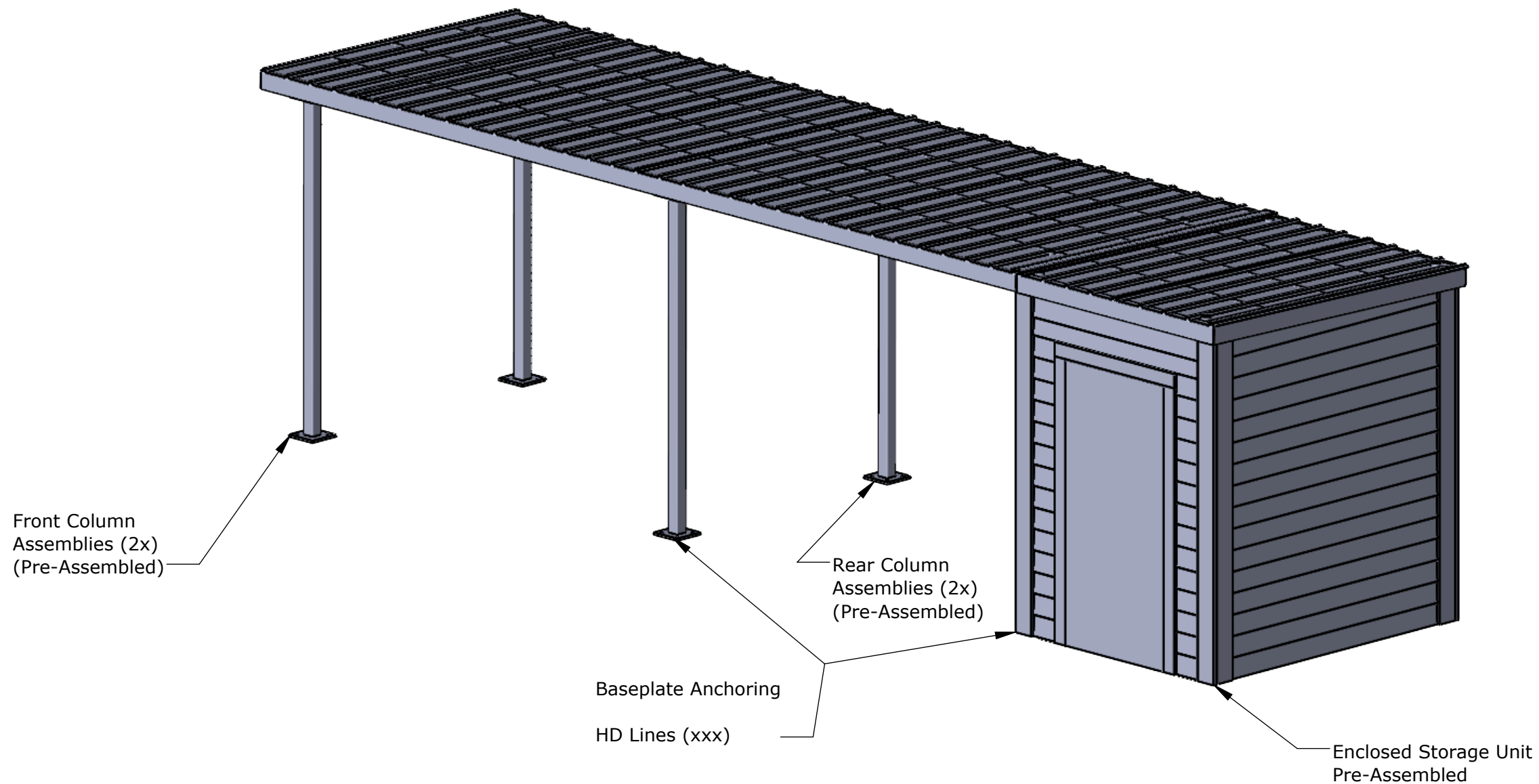


Pre-Welded Lifting Sleeves (4) Per Roof Eyebolts Provided

DETAIL F  
SCALE 2 : 35

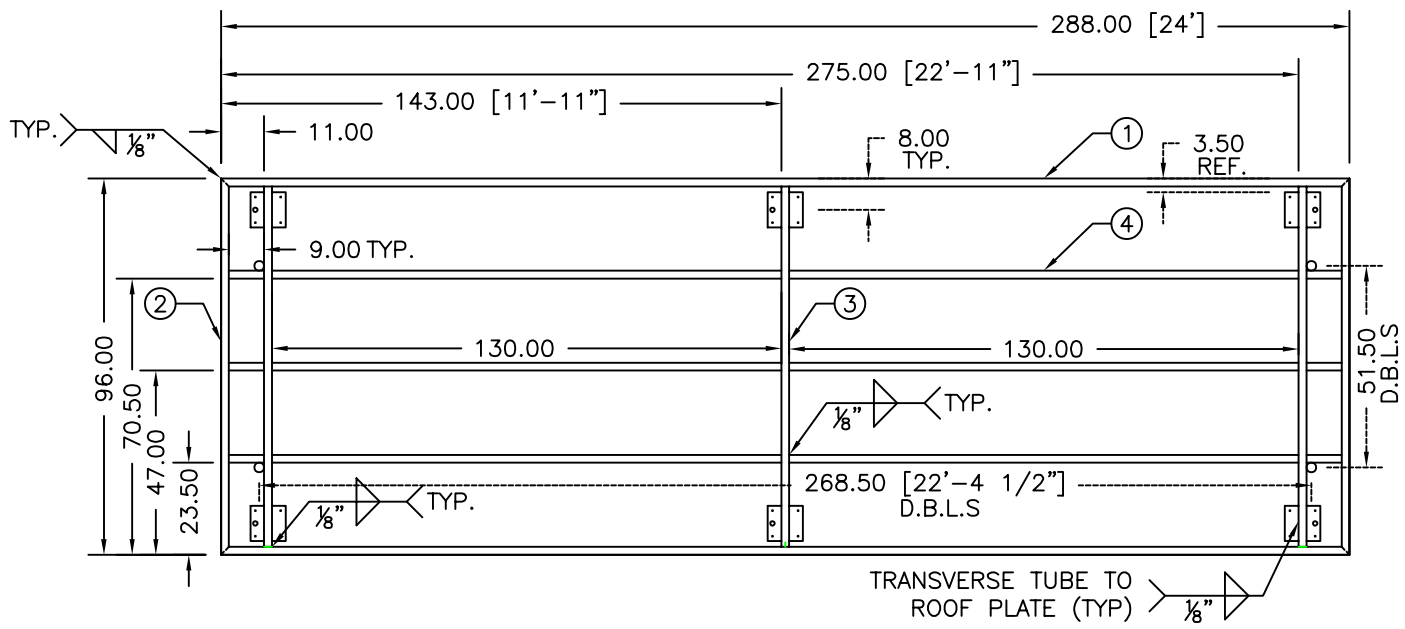
**Sub-Assemblies**

(Qty per )						MATERIAL:			ERP Part #: <b>GD-CUSTOM</b>			TITLE:
1/32 .0313	7/32 .2188	13/32 .4063	19/32 .5938	25/32 .7183	FINISH:			Custom Gameshade With Closet			REV	
1/16 .0625	<b>1/4 .250</b>	7/16 .4375	<b>5/8 .625</b>	13/16 .8125	NAME			DATE			A	
3/32 .0938	9/32 .2813	15/32 .4688	21/32 .6563	27/32 .8438	DRAWN BY			10/23/2024			SCALE: 1:64	
<b>1/8 .125</b>	5/16 .3125	<b>1/2 .500</b>	11/16 .6875	<b>7/8 .875</b>	REVISED BY			ND 10/24/2024			DO NOT SCALE DRAWING	
5/32 .1563	11/32 .3438	17/32 .5313	23/32 .7188	29/32 .9063	SPORTSFIELD SPECIALTIES INC.			DWG. NO. <b>B 121974</b>			WEIGHT: 1367.283	
3/16 .1875	<b>3/8 .375</b>	9/16 .5625	<b>3/4 .750</b>	15/16 .9375							SHEET 5 OF 7	
				31/32 .9688								

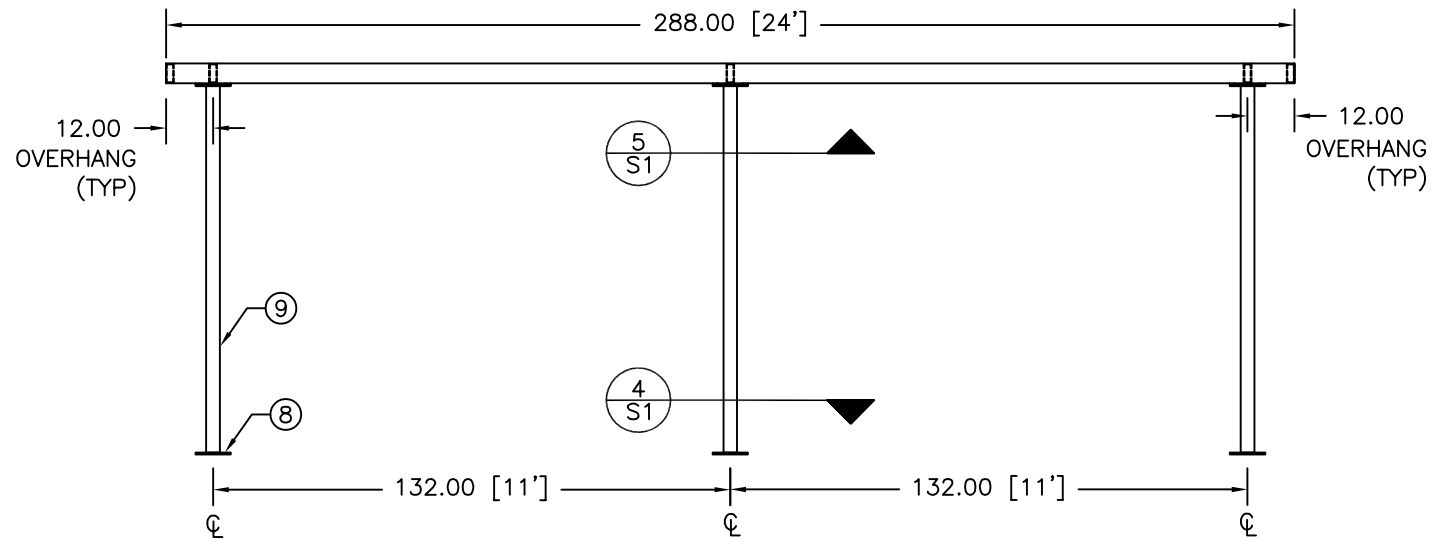


**Fully Assembled**

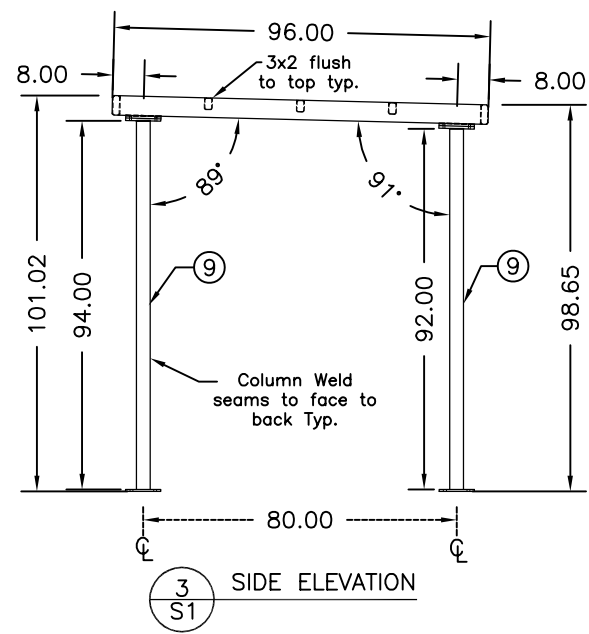
(Qty per )						MATERIAL:			ERP Part #: <b>GD-CUSTOM</b>			
									TITLE:			
									Custom Gameshade With Closet			
1/32 .0313	7/32 .2188	13/32 .4063	19/32 .5938	25/32 .7183	FINISH:							
1/16 .0625	<b>1/4 .250</b>	7/16 .4375	<b>5/8 .625</b>	13/16 .8125								
3/32 .0938	9/32 .2813	15/32 .4688	21/32 .6563	27/32 .8438								
<b>1/8 .125</b>	5/16 .3125	<b>1/2 .500</b>	11/16 .6875	<b>7/8 .875</b>	DRAWN BY			10/23/2024			REV	
5/32 .1563	11/32 .3438	17/32 .5313	23/32 .7188	29/32 .9063	REVISED BY			ND 10/24/2024			<b>A</b>	
3/16 .1875	<b>3/8 .375</b>	9/16 .5625	<b>3/4 .750</b>	15/16 .9375	SPORTSFIELD SPECIALTIES INC.			SCALE: 1:64 DO NOT SCALE DRAWING WEIGHT: 1367.283 SHEET 6 OF 7				
				31/32 .9688								



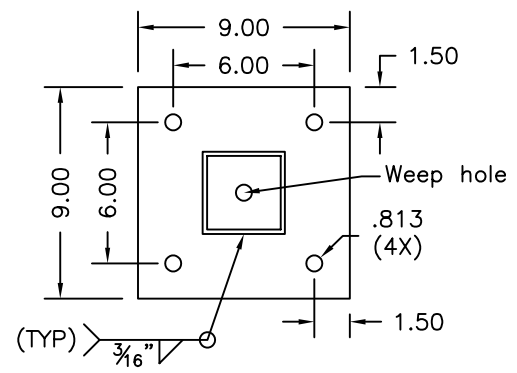
1 PLAN VIEW  
S1



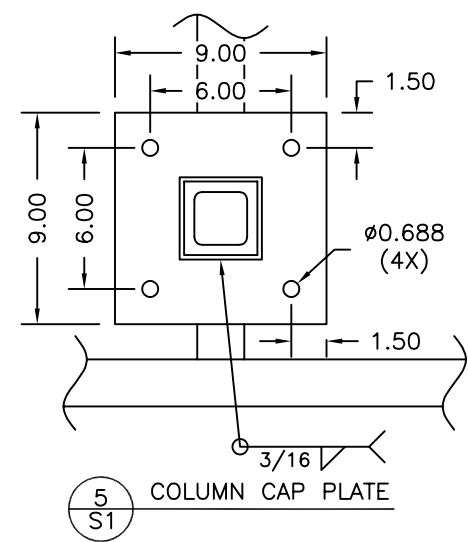
2 PLAN VIEW  
S1



3 SIDE ELEVATION  
S1

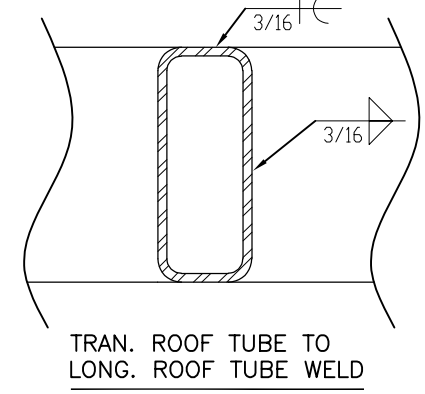


4 COLUMN BASE PLATE  
S1

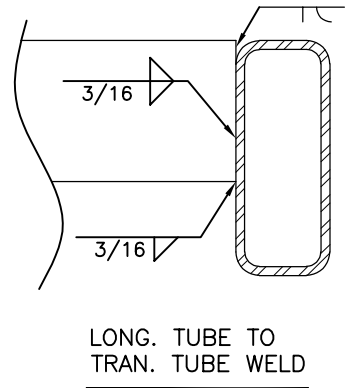


5 COLUMN CAP PLATE  
S1

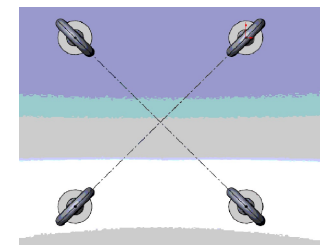
ITEM NO.	DESCRIPTION	COMMENTS
1	HSS 5x2x3/16	LONGITUDINAL ROOF PERIMETER TUBE
2	HSS 5x2x3/16	TRANSVERSE ROOF PERIMETER TUBE
3	HSS 5x2x3/16	TRANSVERSE ROOF TUBE
4	HSS 3x2x11 ga.	LONGITUDINAL ROOF TUBE
5	HSS 3x2x11 ga.	LONGITUDINAL ROOF TUBE
7	9x9x5/8 A36 PLATE	ROOF PLATES
8	9x9x5/8 A36 PLATE	BASE PLATES
9	HSS 3-1/2x3-1/2x3/16	COLUMN ASSEMBLY
10	2.5\" TAPPED STEEL ROUNDSTOCK	LIFTING EYEBOLT SLEEVE
11	11 ga. Steel	LIFTING SLEEVE END CAP



TRAN. ROOF TUBE TO LONG. ROOF TUBE WELD

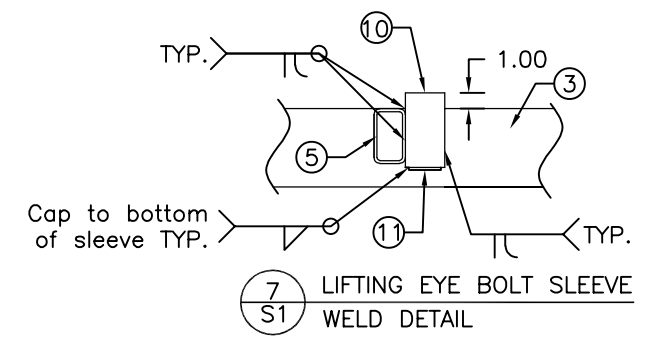


LONG. TUBE TO TRAN. TUBE WELD



SEE NOTE #6

6 LIFTING EYE BOLT ORIENTATION  
S1



7 LIFTING EYE BOLT SLEEVE WELD DETAIL  
S1

NOTES:

- THE 29 GA ROOF DECKING IS NOT SHOWN FOR CLARITY.
- COLUMNS ARE TO BE CENTERED ON THE BASE AND CAP PLATES.
- USE (4)  $\phi 5/8$ " A307 BOLTS TO BOLT THE COLUMN CAP PLATES TO THE ROOF PLATES.
- SEE FOUNDATION DRAWINGS FOR ANCHORAGE REQUIREMENTS.
- THE LIFTING EYE BOLT SLEEVES SHALL BE WELDED SUCH THAT THE TOP IS 1" ABOVE THE TOP OF THE ROOF FRAME IN ORDER TO CLEAR THE 3/4" METAL ROOF SHEET'S HIGH RIB.
- BEFORE WELDING THE SLEEVES INTO PLACE, THE EYE BOLTS MUST BE THREADED INTO THE SLEEVES TO ACHIEVE THE ORIENTATION SHOWN IN DETAIL "6"

PROPRIETARY AND CONFIDENTIAL  
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	NAME	DATE
DRAWN	ND	10/30/23
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:	Preliminary NOT FOR CONSTRUCTION	

SPORTSFIELD SPECIALTIES, INC.			GD8X24 SUBMITTAL		
					SIZE: B
SCALE: DNS	WEIGHT:	DATE: 10/30/23			

TABLE 3  
GROUNDWATER RESULTS  
ALBEMARLE ROAD  
NEWTON, MASSACHUSETTS

Parameter	Units	Reportable Concentrations GW2	MW-2T		MW-5.5R		MW-6T		MW-9R	
			10/01/2024		10/01/2024		10/01/2024		10/01/2024	
			Result	Flag	Result	Flag	Result	Flag	Result	Flag
<b>Extractable Petroleum Hydrocarbons (EPH)</b>										
C11-C22 Aromatics	µg/L	5,000	100	U	100	U	100	U	100	U
C19-C36 Aliphatics	µg/L	50,000	100	U	100	U	100	U	100	U
C9-C18 Aliphatics	µg/L	5,000	100	U	100	U	100	U	100	U
Total EPH Fractions	µg/L		ND	U, Y	ND	U, Y	ND	U, Y	ND	U, Y
<b>Total Metals</b>										
Antimony	µg/L	8,000	4	U	4	U	4	U	4	U
Arsenic	µg/L	900	5	U	5	U	<b>5.9</b>		<b>7.3</b>	
Barium	µg/L	50,000	<b>51.3</b>		<b>52.9</b>		<b>240</b>		<b>122</b>	
Beryllium	µg/L	200	0.5	U	0.5	U	0.5	U	0.5	U
Cadmium	µg/L	8	4	U	4	U	4	U	4	U
Chromium	µg/L	300	10	U	10	U	10	U	10	U
Lead	µg/L		10	U	10	U	10	U	10	U
Mercury	µg/L	20	0.2	U	0.2	U	0.2	U	0.2	U
Nickel	µg/L	200	25	U	25	U	25	U	25	U
Selenium	µg/L	50	10	U	10	U	10	U	10	U
Silver	µg/L	7	7	U	7	U	7	U	7	U
Thallium	µg/L	3,000	1	U	1	U	1	U	1	U
Vanadium	µg/L	4,000	10	U	10	U	10	U	10	U
Zinc	µg/L	900	50	U	50	U	50	U	50	U
<b>Semi-Volatile Organic Compounds (SVOCs)</b>										
Naphthalene	µg/L	700	0.1	U	0.1	U	0.1	U	0.1	U
2-Methylnaphthalene	µg/L	2,000	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthene	µg/L	10,000	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthylene	µg/L	40	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	µg/L	30	0.1	U	0.1	U	0.1	U	0.1	U
Benz(a)anthracene	µg/L	1,000	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)pyrene	µg/L	500	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	µg/L	400	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(g,h,i)perylene	µg/L	20	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	µg/L	100	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	µg/L	70	0.1	U	0.1	U	0.1	U	0.1	U
Dibenz(a,h)anthracene	µg/L	40	0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	µg/L	200	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	µg/L	40	0.1	U	0.1	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	µg/L	100	0.1	U	0.1	U	0.1	U	0.1	U
Phenanthrene	µg/L	10,000	0.1	U	0.1	U	0.1	U	0.1	U
Pyrene	µg/L	20	0.1	U	0.1	U	0.1	U	0.1	U
<b>Volatile Petroleum Hydrocarbons (VPH)</b>										
C5-C8 Aliphatics	µg/L	3,000	100	U	100	U	100	U	100	U
C9-C10 Aromatics	µg/L	4,000	100	U	100	U	100	U	100	U
C9-C12 Aliphatics	µg/L	5,000	100	U	100	U	100	U	100	U

QC by MDM 11/1/24

**Notes:**

- MCP Massachusetts Contingency Plan, 310 CMR 40.0000
- mg/l milligrams per liter (parts per million)
- ug/L micrograms per liter (parts per billion)
- ng/l nanograms per liter (parts per trillion)
- U not detected above laboratory reporting limit
- Y calculated value
- J estimated value less than the reporting limit, but greater than the method detection limit
- NA Not Analyzed
- Bold** Detected above laboratory reporting limit
- Bold** Detected above MCP Method 1 Cleanup Standards