

RIDGEGATE - SECTION 15 FILING NO. 3
PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R

DEVELOPMENT CONTACTS

PROJECT LEAD

SOUTH SUBURBAN PARK AND RECREATION DISTRICT
 4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 (303) 483-7025
 WBarringer@ssprd.org
 CONTACT: MR. WILL BARRINGER

CIVIL ENGINEER

STERLING DESIGN ASSOCIATES, LLC
 2009 W. LITTLETON BLVD., #300
 LITTLETON, CO 80120
 (303) 794-4727
 ryan@sterlingdesignassociates.com
 CONTACT: MR. RYAN LOFTUS, PE

LANDSCAPE ARCHITECT

STERLING DESIGN ASSOCIATES, LLC
 2009 W. LITTLETON BLVD., #300
 LITTLETON, CO 80120
 (303) 794-4727
 joe@sterlingdesignassociates.com
 CONTACT: MR. JOE WILSON, PLA, CID, QWEL

SURVEYOR

AZTEC CONSULTANTS, INC.
 300 EAST MINERAL AVE., SUITE 1
 LITTLETON, CO 80122
 (303) 713-1698

ELECTRICAL ENGINEER

ACKERMAN ENGINEERING, INC.
 3000 YOUNGFIELD ST, SUITE 264
 WHEAT RIDGE, CO 80215
 (303) 278-7297
 hreschl@aeiconsulting.com
 CONTACT: HELEN RESCHL, MIES, LEED AP

STRUCTURAL ENGINEER

KWS ENGINEERING
 (303) 728-9929
 kwsengineering@gmail.com
 CONTACT: MR. KEN SCHMIDT

BENCHMARK

AS DESCRIBED ON THE TOPOGRAPHIC SURVEY FOR LONE TREE RECREATIONAL CENTER PICKLE BALL COURTS, PREPARED BY AZTEC CONSULTANTS, INC. ON 06/08/2021.

DOUGLAS COUNTY GIS MONUMENT NUMBER 2.100020 BEING A 3-1/4" ALUMINUM ALLOY CAP IN NORTHEAST CORNER OF INLET BOX LOCATED SOUTH OF THE NORTHBOUND I-25 ONRAMP AND NORTH SIDE LINCOLN AVE AND THE EAST END OF BRIDGE OVER I-25.

NAVD88 ELEV=5988.517

PROJECT COORDINATES

AS DESCRIBED ON THE TOPOGRAPHIC SURVEY FOR LONE TREE RECREATIONAL CENTER PICKLE BALL COURTS, PREPARED BY AZTEC CONSULTANTS, INC. ON 06/08/2021.

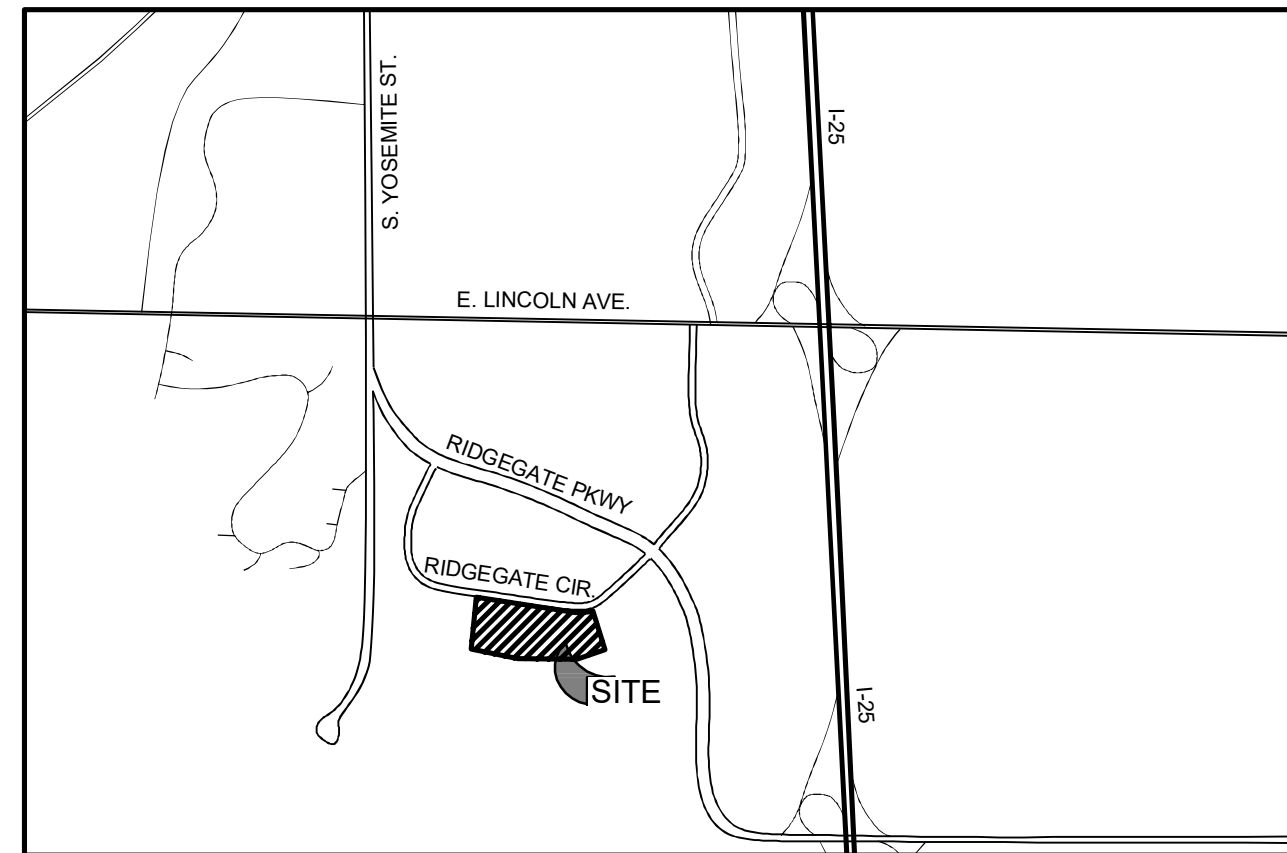
PROJECT COORDINATES ARE MODIFIED COLORADO STATE PLANE CENTRAL ZONE 83(2011) COORDINATES. PROJECT COORDINATES ARE DERIVED FROM STATE PLANE COORDINATES USING THE FOLLOWING FORMULAS:

PROJECT NORTHING = (STATE PLANE NORTHING * 1.000000000) - 1,000,000.00

PROJECT EASTING = (STATE PLANE EASTING * 1.000000000) - 3,000,000.00

CITY OF LONE TREE GENERAL NOTES

- THE CITY OF LONE TREE ENGINEER'S SIGNATURE AFFIXED TO THIS DOCUMENT INDICATES THE ENGINEERING DIVISION HAS REVIEWED THE DOCUMENT AND FOUND IT IN GENERAL CONFORMANCE WITH THE CITY OF LONE TREE SUBDIVISION RESOLUTION OR APPROVED VARIANCES TO THOSE REGULATIONS. THE CITY OF LONE TREE ENGINEER, THROUGH ACCEPTANCE OF THIS DOCUMENT, ASSUMES NO RESPONSIBILITY, OTHER THAN STATED ABOVE, FOR THE COMPLETENESS AND/OR ACCURACY OF THESE DOCUMENTS. THE OWNER AND ENGINEER UNDERSTAND THAT THE RESPONSIBILITY FOR THE ENGINEERING ADEQUACY OF THE FACILITIES DEPICTED IN THIS DOCUMENT LIES SOLELY WITH THE REGISTERED PROFESSION ENGINEER WHOSE STAMP AND SIGNATURE IS AFFIXED TO THIS DOCUMENT.
- ALL ROADWAY CONSTRUCTION SHALL CONFORM TO CURRENT DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS.
- ALL MATERIALS AND WORKMANSHIP SHALL BE SUBJECT TO INSPECTION BY THE CITY OF LONE TREE ENGINEERING DIVISION. THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT ANY SUCH MATERIALS AND WORKMANSHIP THAT DOES NOT CONFORM TO ITS STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE PUBLIC WORKS, INSPECTION SECTION, (303) 662-8112, A MINIMUM OF 48 HOURS AND A MAXIMUM OF 96 HOURS PRIOR TO STARTING CONSTRUCTION, AND/OR BEFORE RESTARTING CONSTRUCTION AFTER A SHUTDOWN OF MORE THAN 10 DAYS.
- LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ACTUAL CONSTRUCTION. FOR INFORMATION, CONTACT: UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT (800) 922-1987 OR 811.
- THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY (SIGNED BY BOTH DESIGN ENGINEER AND CITY OF LONE TREE) OF THE CONSTRUCTION PLANS AND GESC REPORT AND PLAN, AND ONE (1) COPY OF THE DOUGLAS COUNTY ROADWAY DESIGN AND CONSTRUCTION STANDARDS AT THE JOB SITE AT ALL TIMES.
- A ROW/CONSTRUCTION PERMIT MUST BE OBTAINED BEFORE ANY WORK WITHIN EXISTING OR PROPOSED PUBLIC ROW. THE PERMIT APPLICATION MUST BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR REVIEW/PROCESSING A MINIMUM OF 7 DAYS PRIOR TO REQUESTED START FOR THE WORK IN THE ROW.
- A PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE SUBMITTED TO THE CITY OF LONE TREE ENGINEER FOR ACCEPTANCE WITH THE PERMIT APPLICATION. AN EXCAVATION OR PUBLIC IMPROVEMENTS CONSTRUCTION PERMIT WILL NOT BE ISSUED WITHOUT AN APPROVED TRAFFIC CONTROL PLAN FOR TRAFFIC CONTROL DURING CONSTRUCTION.
- THE CONSTRUCTION PLANS SHALL BE CONSIDERED VALID FOR TWO (2) YEARS FROM THE DATE OF CITY OF LONE TREE ACCEPTANCE/APPROVAL. IF APPLICABLE CONSTRUCTION PERMITS HAVE NOT BEEN OBTAINED, AND CONSTRUCTION STARTED WITHIN THAT TIME, THESE PLANS SHALL BE VOID AND WILL BE SUBJECT TO RE-REVIEW AND RE-ACCEPTANCE BY THE CITY OF LONE TREE.
- CONTRACTOR SHALL NOTIFY THE CITY OF LONE TREE ENGINEER INSPECTOR WHEN WORKING OUTSIDE OF THE PUBLIC RIGHT-OF-WAY ON ANY FACILITY WHICH WILL BE CONVEYED TO THE CITY, URBAN DRAINAGE AND FLOOD CONTROL DISTRICT, OR OTHER SPECIAL DISTRICT FOR MAINTENANCE (STORM SEWER, ENERGY DISSIPATORS, DETENTION OUTLET STRUCTURES, OR OTHER DRAINAGE INFRASTRUCTURES). FAILURE TO NOTIFY ENGINEERING INSPECTOR TO ALLOW THEM TO INSPECT THE CONSTRUCTION MAY RESULT IN NON-ACCEPTANCE OF THE FACILITIES/INFRASTRUCTURE BY CITY AND/OR URBAN DRAINAGE.



APPROXIMATE SCALE: 1" = 2000'

SHEET INDEX

01 OF 13	COVER SHEET
02 OF 13	SITE PLAN
03 OF 13	GRADING PLAN
04 OF 13	UTILITY PLAN
05 OF 13	SITE DETAILS
06 OF 13	SITE DETAILS
07 OF 13	SHELTER DETAILS
08 OF 13	LANDSCAPE PLAN
09 OF 13	LANDSCAPE NOTES & DETAILS
10 OF 13	IRRIGATION PLAN
11 OF 13	IRRIGATION NOTES & DETAILS
12 OF 13	SITE PHOTOMETRIC PLAN
13 OF 13	LIGHTING CUT SHEETS

SIGNATURE BLOCK

APPROVAL CERTIFICATE

THIS SIP HAS BEEN REVIEWED AND FOUND TO BE COMPLETE AND IN ACCORD WITH CITY REGULATIONS, AS APPROVED BY THE CITY ON _____ (DATE)

By: _____
 Name: _____
 Title: Planning Manager
 Date: _____

By: _____
 Name: _____
 Director of Public Works or his/her designated representative
 Date: _____

The owner(s) of the lands described herein, hereby agree(s) (1) to develop and maintain the property described hereon in accordance with this approved Site Improvement Plan and in compliance with Chapter 16 of the Lone Tree Municipal Code and that (2) the heirs, successors and assigns of the owner(s) shall also be bound. The signatures of the owner(s)' representative(s) below indicate that any required authorizations to enter this agreement, including any corporate authorizations, have been obtained.

 (Name of Owner)

 (Signature of Owner)

 (Printed Name & Title)

State of _____)
 County of _____) SS

Subscribed and sworn to before me this _____ day of _____, 20____, by _____.

Witness my hand and official seal.

My commission expires: _____

 Notary Public

Approval by the City of Lone Tree does not signify that the requirements of the Americans with Disabilities Act (ADA) have been satisfied. The applicant is responsible to ensure that said ADA requirements have been met.



PREPARED UNDER THE DIRECT SUPERVISION OF
 RYAN J. LOFTUS, PE
 COLORADO REGISTRATION NO. 48224
 FOR & ON BEHALF OF STERLING DESIGN ASSOCIATES, LLC



STERLING DESIGN ASSOCIATES, LLC		
ISSUES & REVISIONS	NO:	DATE:
NO: 1	DATE: 04/29/2022	BY: JLW
DESCRIPTION: 1ST SIP REVISION PER CITY COMMENTS		
NO: 2	DATE: -	BY: -
DESCRIPTION: -		
NO: 3	DATE: -	BY: -
DESCRIPTION: -		
NO: 4	DATE: -	BY: -
DESCRIPTION: -		
NO: 5	DATE: -	BY: -
DESCRIPTION: -		
NO: 6	DATE: -	BY: -
DESCRIPTION: -		
DATE: 03/28/2022	SCALE: -	
PROJECT MANAGER: JLW	PROJECT NO: -	
DRAWN BY: RJL	DRAWING FILE: -	

PROJECT:
LONE TREE RECREATION CENTER PICKLE BALL COURTS
 10249 RIDGEGATE CIRCLE
 LONE TREE, CO 80124



CLIENT:
 4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 TEL: (303) 798-5131

SHEET TITLE:
COVER SHEET

SHEET NUMBER:
01 OF 13

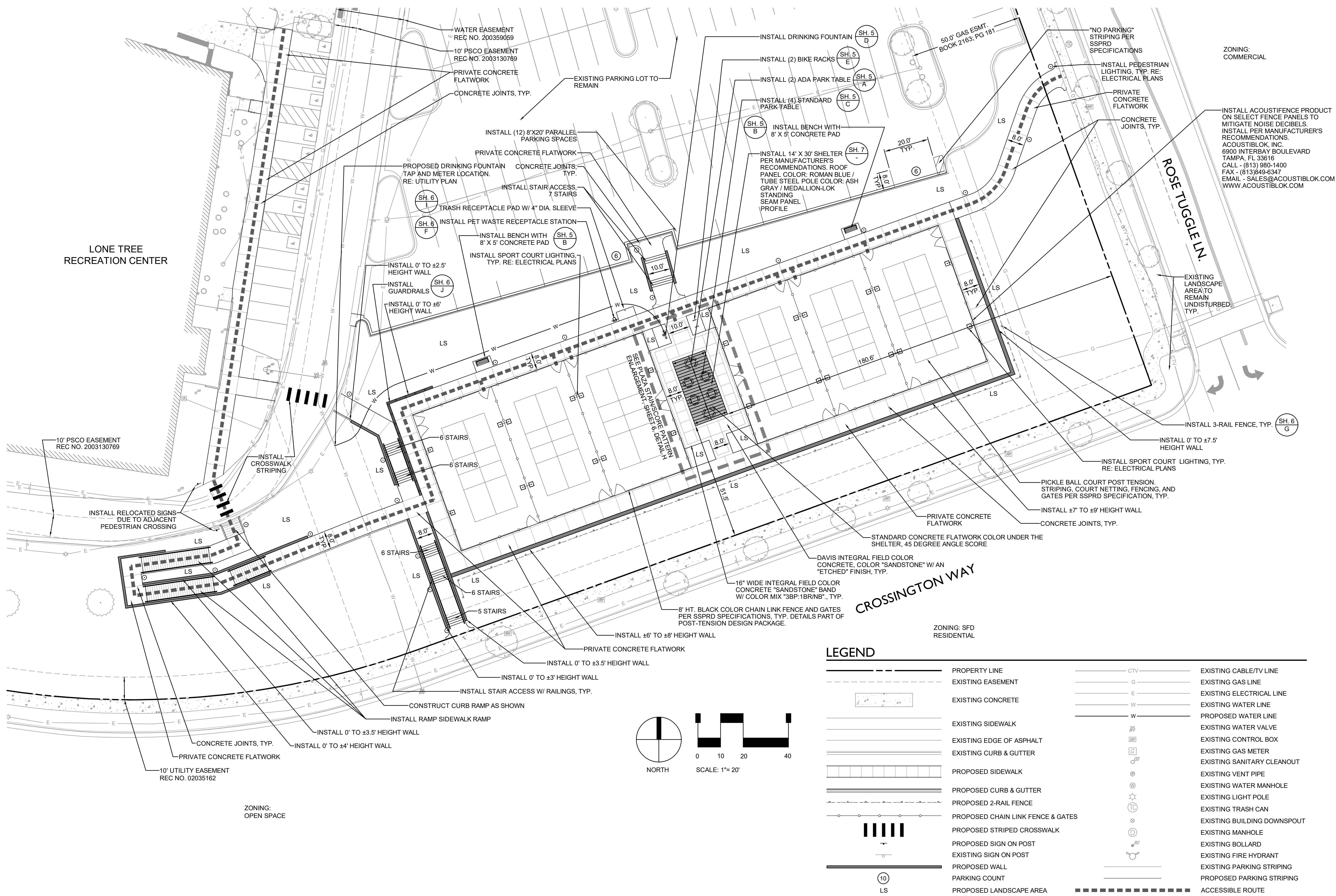
 CITY OF LONE TREE

 DATE

THESE CONSTRUCTION PLANS HAVE BEEN REVIEWED BY THE CITY OF LONE TREE FOR GRADING AND EROSION CONTROL ONLY.

ENGINEERING DIVISION ACCEPTANCE BLOCK

RIDGEGATE - SECTION 15 FILING NO. 3
 PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R



LONE TREE RECREATION CENTER

ZONING: COMMERCIAL

ZONING: OPEN SPACE

ROSE TUGGLE LN.

CROSSINGTON WAY



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PRELIMINARY
 NOT FOR CONSTRUCTION

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DESCRIPTION: -		

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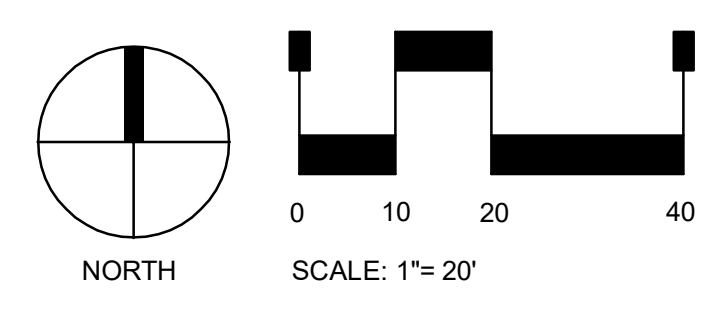
4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 TEL: (303) 798-5131

SHEET TITLE:
SITE PLAN

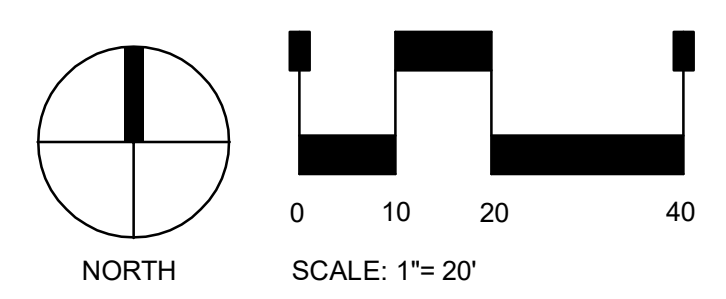
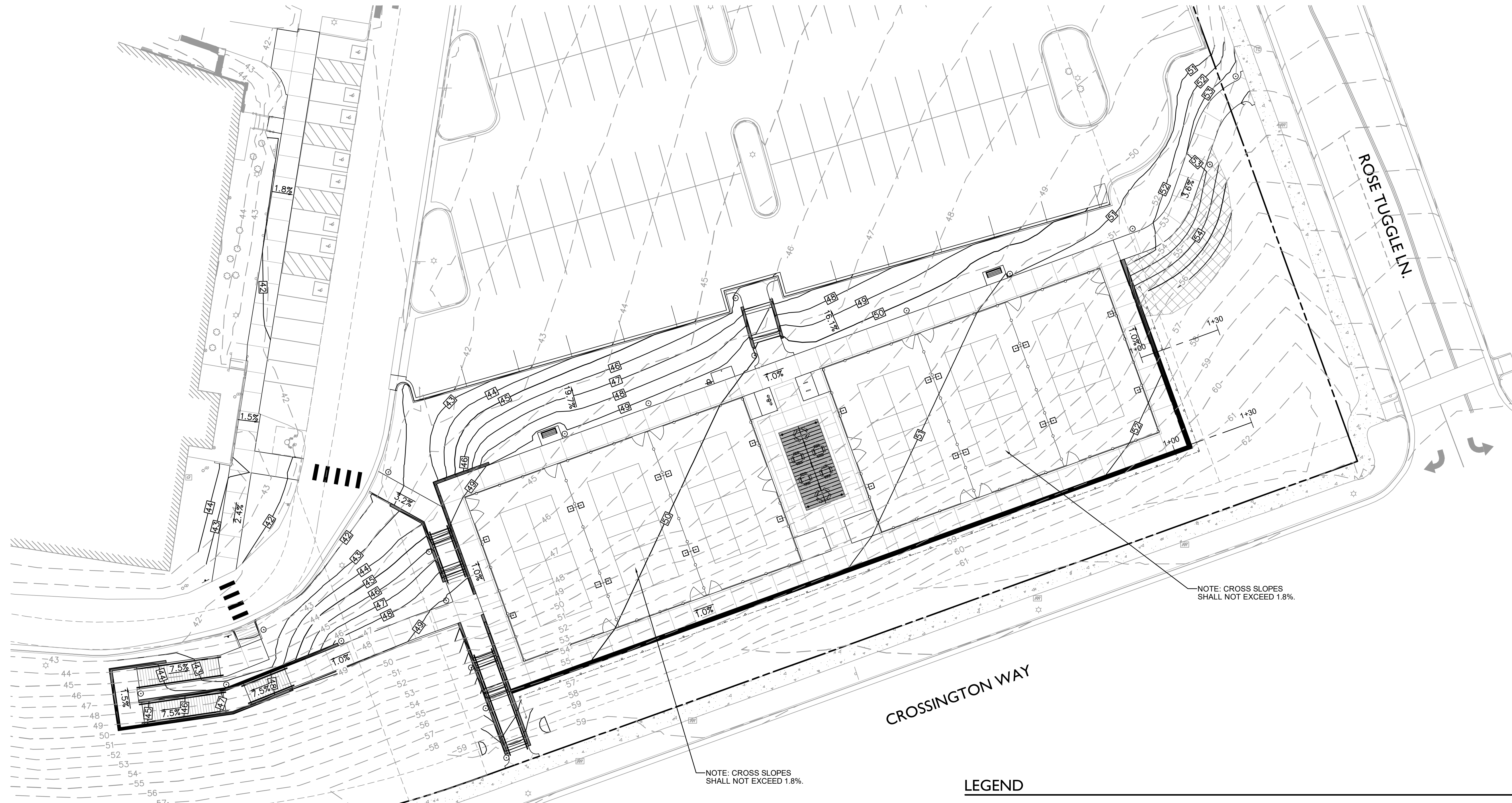
SHEET NUMBER:
02 OF 13

LEGEND

	PROPERTY LINE		EXISTING CABLE/TV LINE
	EXISTING EASEMENT		EXISTING GAS LINE
	EXISTING CONCRETE		EXISTING ELECTRICAL LINE
	EXISTING SIDEWALK		EXISTING WATER LINE
	EXISTING EDGE OF ASPHALT		PROPOSED WATER LINE
	EXISTING CURB & GUTTER		EXISTING WATER VALVE
	PROPOSED SIDEWALK		EXISTING CONTROL BOX
	PROPOSED CURB & GUTTER		EXISTING GAS METER
	PROPOSED 2-RAIL FENCE		EXISTING SANITARY CLEANOUT
	PROPOSED CHAIN LINK FENCE & GATES		EXISTING VENT PIPE
	PROPOSED STRIPED CROSSWALK		EXISTING WATER MANHOLE
	PROPOSED SIGN ON POST		EXISTING LIGHT POLE
	EXISTING SIGN ON POST		EXISTING TRASH CAN
	PROPOSED WALL		EXISTING BUILDING DOWNSPOUT
	PROPOSED PARKING		EXISTING MANHOLE
	PROPOSED LANDSCAPE AREA		EXISTING BOLLARD
	PROPOSED ACCESSIBLE ROUTE		EXISTING FIRE HYDRANT
			EXISTING PARKING STRIPING
			PROPOSED PARKING STRIPING
			ACCESSIBLE ROUTE



RIDGEGATE - SECTION 15 FILING NO. 3
 PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R



LEGEND

	PROPERTY LINE		PROPOSED CHAIN LINK FENCE & GATES
	ADJACENT LOT LINE		PROPOSED 2-RAIL FENCE
	EXISTING EASEMENT		PROPOSED WALL
	EXISTING CONCRETE		EXISTING WATER VALVE
	EXISTING SIDEWALK		EXISTING CONTROL BOX
	EXISTING EDGE OF ASPHALT		EXISTING GAS METER
	EXISTING CURB & GUTTER		EXISTING SANITARY CLEANOUT
	PROPOSED SIDEWALK		EXISTING VENT PIPE
	PROPOSED CURB & GUTTER		EXISTING WATER MANHOLE
	EXISTING MAJOR CONTOUR		EXISTING LIGHT POLE
	EXISTING MINOR CONTOUR		EXISTING TRASH CAN
	PROPOSED MAJOR CONTOUR		EXISTING BUILDING DOWNSPOUT
	PROPOSED MINOR CONTOUR		EXISTING MANHOLE
	PROPOSED GRADES ≥ 25% NATIVE SEED AREAS		EXISTING BOLLARD
	PROPOSED SLOPE		EXISTING FIRE HYDRANT
			PROPOSED LIGHT POLE

STERLING DESIGN ASSOCIATES
 Civil Engineers | Landscape Architects
 2009 W. Littleton Blvd. #300 Littleton, CO 80120
 303.794.4727 | www.SterlingDesignAssociates.com

PRELIMINARY
 NOT FOR CONSTRUCTION

STERLING DESIGN ASSOCIATES, LLC

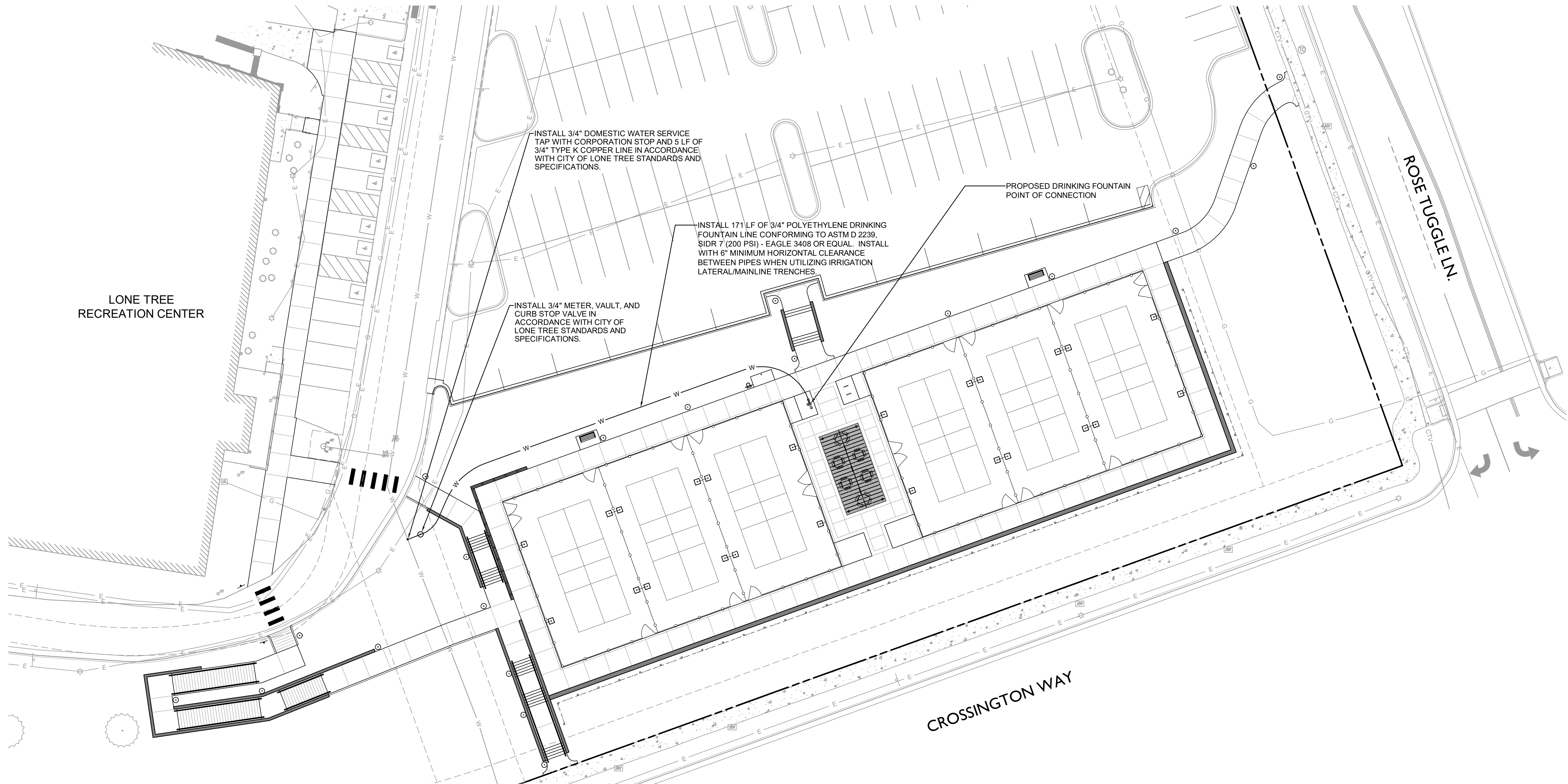
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LONE TREE RECREATION CENTER PICKLE BALL COURTS
 10249 RIDGEGATE CIRCLE
 LONE TREE, CO 80124

SOUTH SUBURBAN PARKS & RECREATION

CLIENT:
 4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 TEL: (303) 798-5131

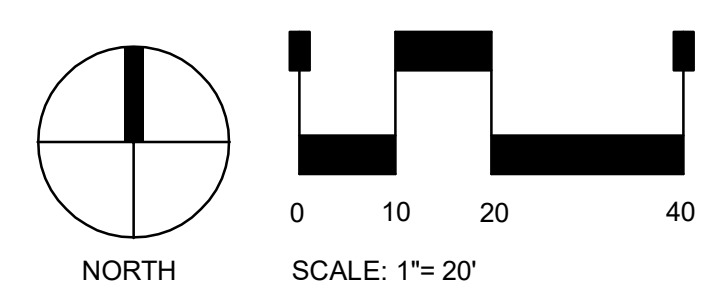
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SIP #SP22-33R



LONE TREE RECREATION CENTER

ROSE TUGGLE LN.

CROSSINGTON WAY



LEGEND

	PROPERTY LINE		EXISTING EASEMENT		EXISTING CABLE/TV LINE
	EXISTING CONCRETE		EXISTING SIDEWALK		EXISTING GAS LINE
	EXISTING EDGE OF ASPHALT		EXISTING CURB & GUTTER		EXISTING ELECTRICAL LINE
	PROPOSED SIDEWALK		PROPOSED CURB & GUTTER		EXISTING WATER LINE
	PROPOSED 2-RAIL FENCE		PROPOSED CHAIN LINK FENCE & GATES		PROPOSED WATER LINE
	PROPOSED STRIPED CROSSWALK		PROPOSED SIGN ON POST		EXISTING WATER VALVE
	PROPOSED WALL		PROPOSED PARKING STRIPING		EXISTING CONTROL BOX
					EXISTING GAS METER
					EXISTING SANITARY CLEANOUT
					EXISTING VENT PIPE
					EXISTING WATER MANHOLE
					EXISTING LIGHT POLE
					EXISTING TRASH CAN
					EXISTING BUILDING DOWNSPOUT
					EXISTING MANHOLE
					EXISTING BOLLARD
					EXISTING FIRE HYDRANT
					EXISTING PARKING STRIPING
					PROPOSED LIGHT POLE

STERLING DESIGN ASSOCIATES
 Civil Engineers | Landscape Architects
 2009 W. Littleton Blvd. #300 Littleton, CO 80120
 303.794.4727 | www.SterlingDesignAssociates.com

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STERLING DESIGN ASSOCIATES, LLC

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DESCRIPTION: -		

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03/28/2022	1" = 20'
PROJECT MANAGER:	PROJECT NO.:
JLW	-
DRAWN BY:	DRAWING FILE:
RJL	-

PROJECT:
LONE TREE RECREATION CENTER PICKLE BALL COURTS
 10249 RIDGEGATE CIRCLE
 LONE TREE, CO 80124

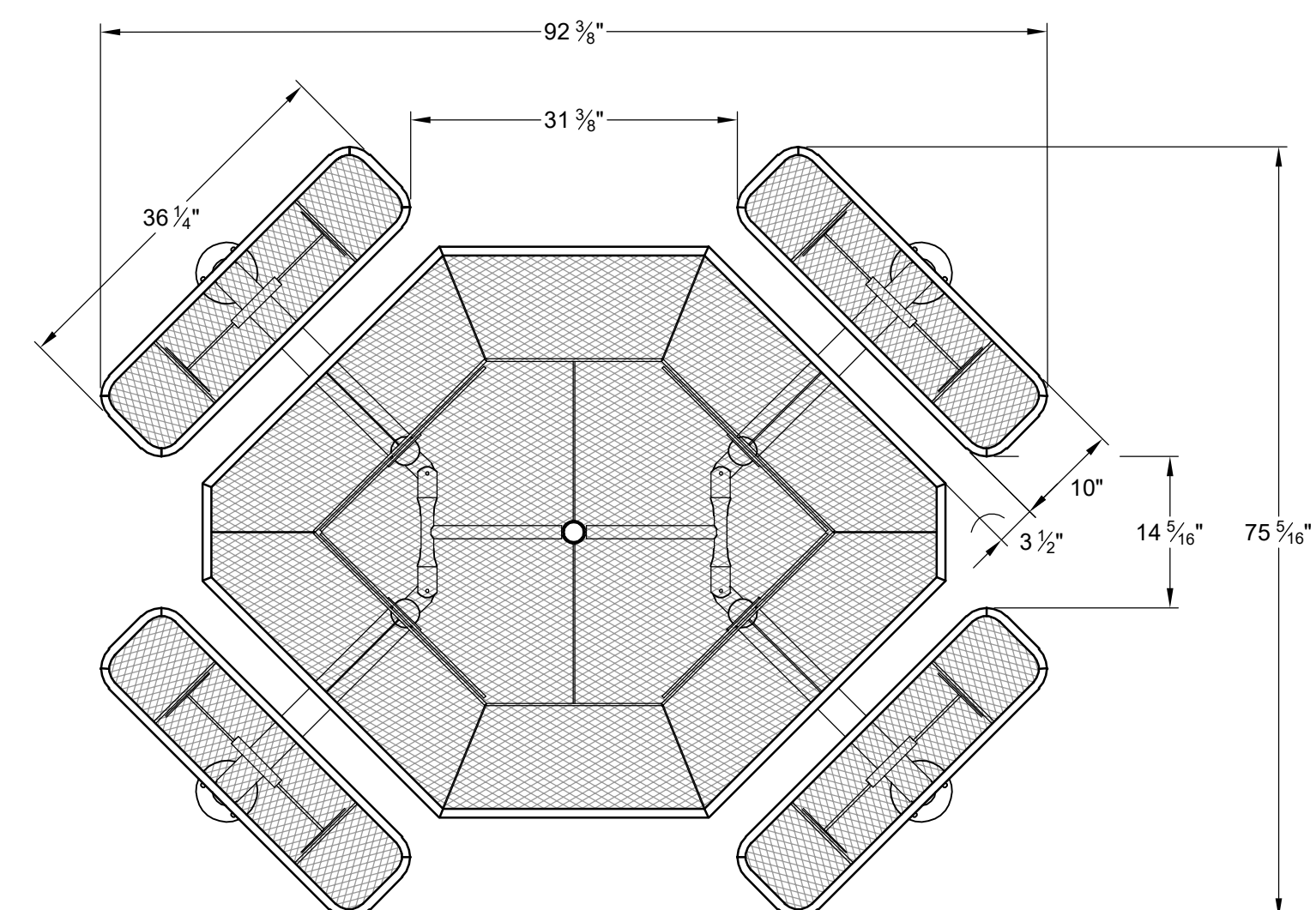
CLIENT:
 4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 TEL: (303) 798-5131

SHEET TITLE:
UTILITY PLAN

SHEET NUMBER:
04 OF 13

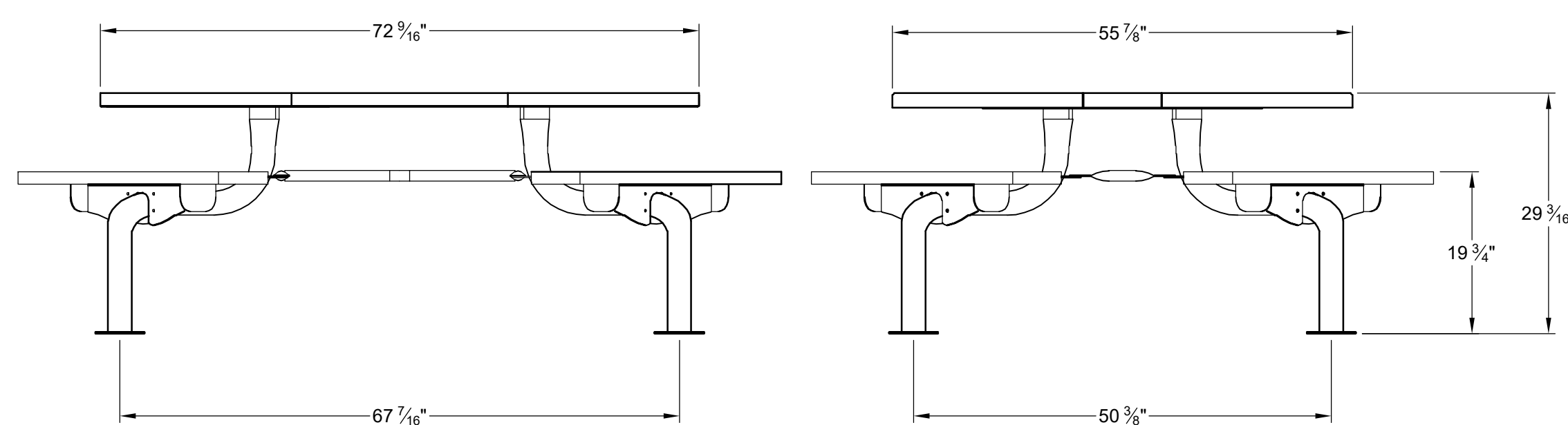
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MAJOR AMENDMENT SITE IMPROVEMENT PLANS
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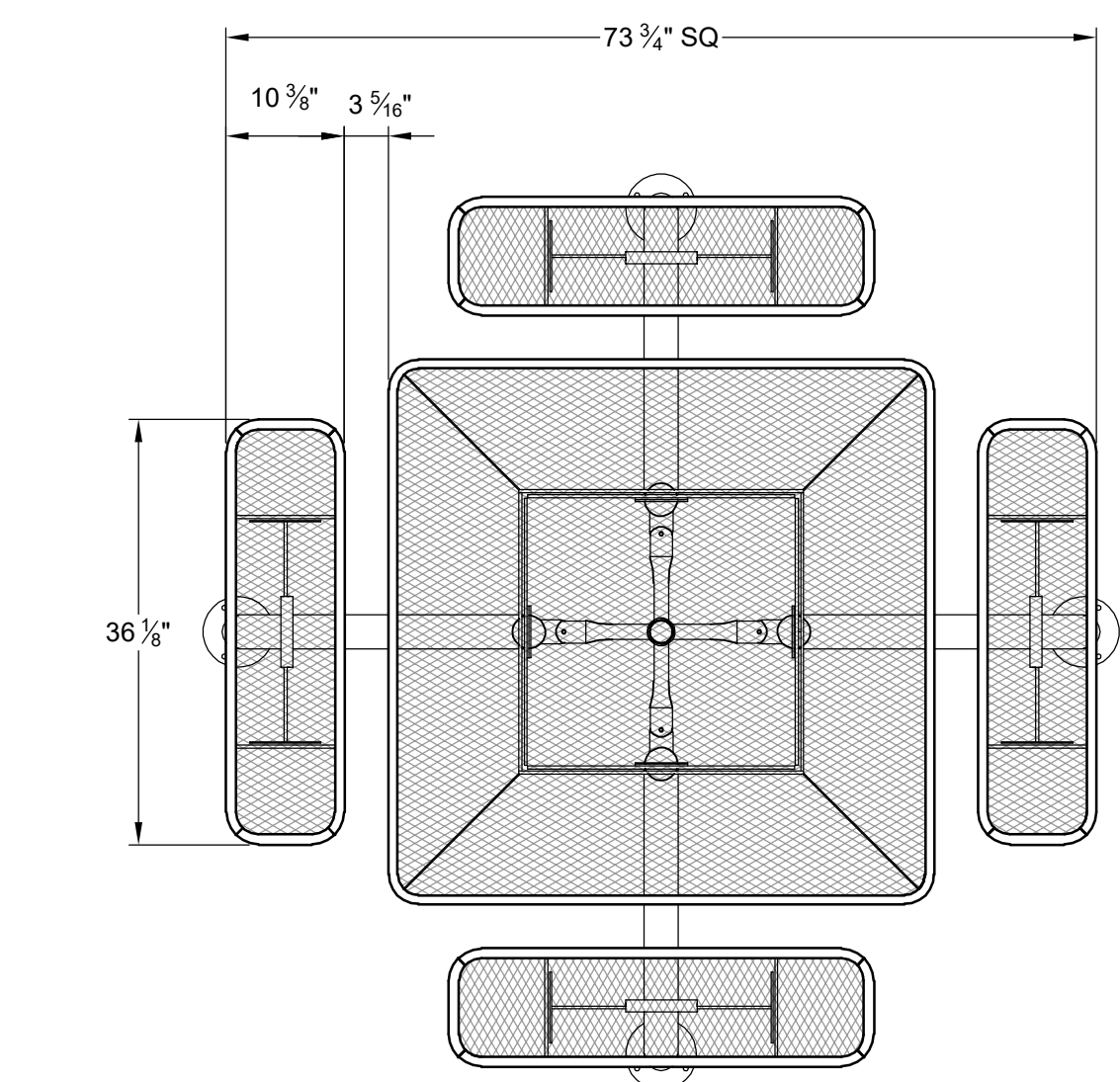


WABASH VALLEY
505 EAST MAIN ST
SILVER LAKE, IN 46982
TOLL FREE: 1-800-253-8619
PHONE: (260) 352-2102
www.wabashvalley.com

- NOTES:**
1. WABASH VALLEY SY126D ADA 46" OCTAGON DIAMOND PATTERN PICNIC TABLE WITH MOUNTING PLATE COVERS, COLOR: BLACK, QTY (2).
 2. SURFACE MOUNTED TO CONCRETE PAD, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3. EXPOSED NUTS, BOLTS, AND FASTENERS SHALL BE STAINLESS STEEL AND PAINTED BLACK TO MATCH TABLE.

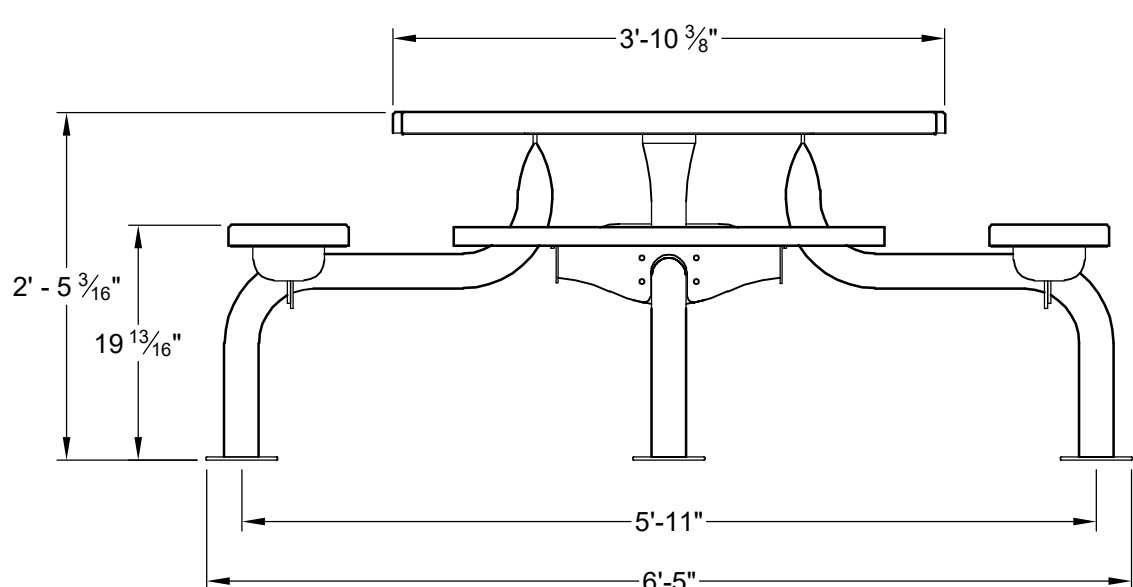


46" OCTAGON TABLE - ADA (A)
NOT TO SCALE

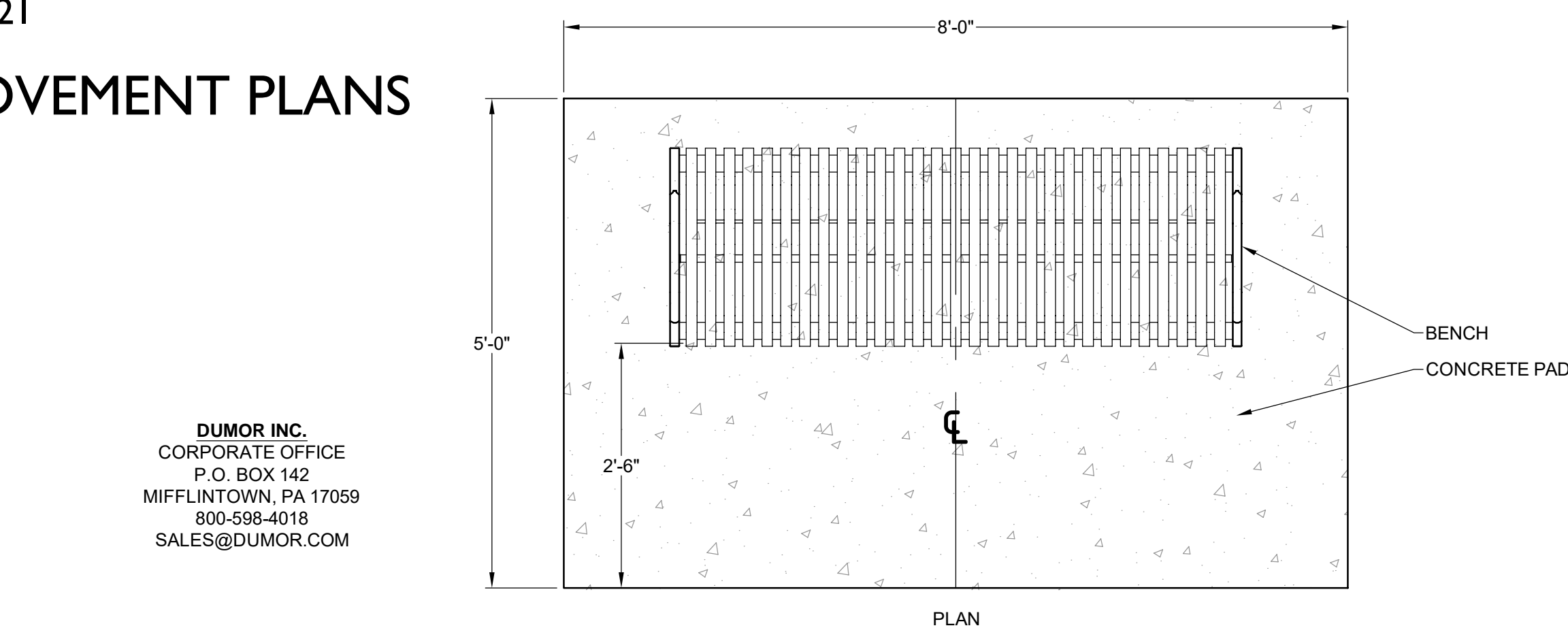


WABASH VALLEY
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SILVER LAKE, IN 46982
TOLL FREE: 1-800-253-8619
PHONE: (260) 352-2102
www.wabashvalley.com

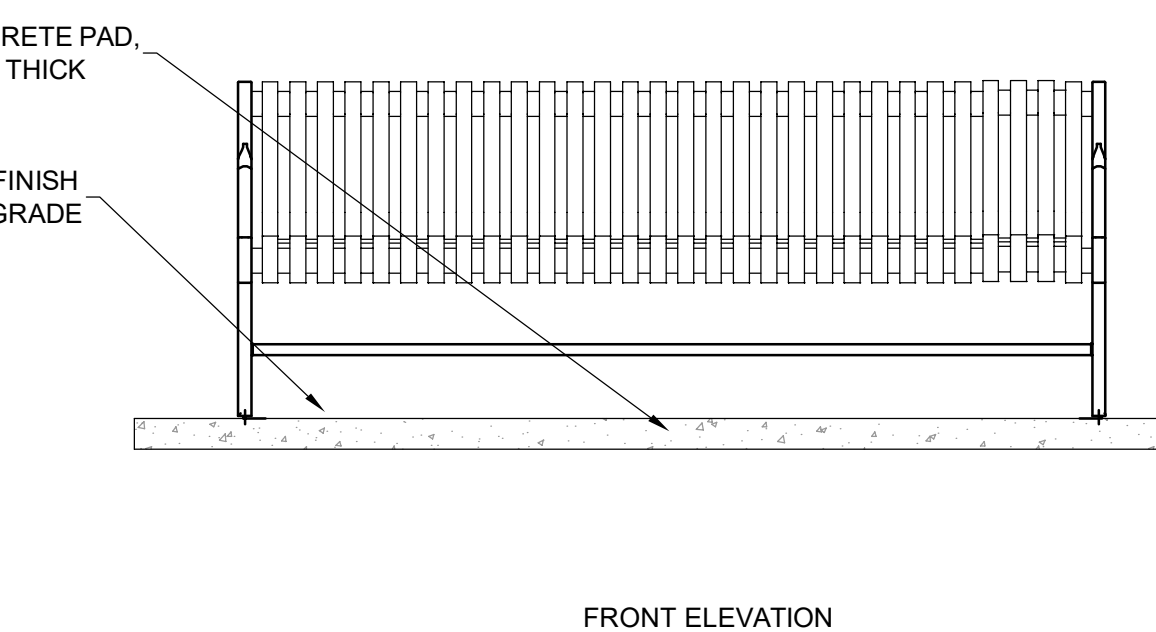
- NOTES:**
1. WABASH VALLEY SY120D 46" SQUARE PICNIC TABLE WITH DIAMOND PATTERN AND MOUNTING PLATE COVERS, COLOR: BLACK, QTY (2).
 2. SURFACE MOUNTED TO CONCRETE PAD, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 3. EXPOSED NUTS, BOLTS, AND FASTENERS SHALL BE STAINLESS STEEL AND PAINTED BLACK TO MATCH TABLE.



46" SQUARE TABLE (C)
NOT TO SCALE

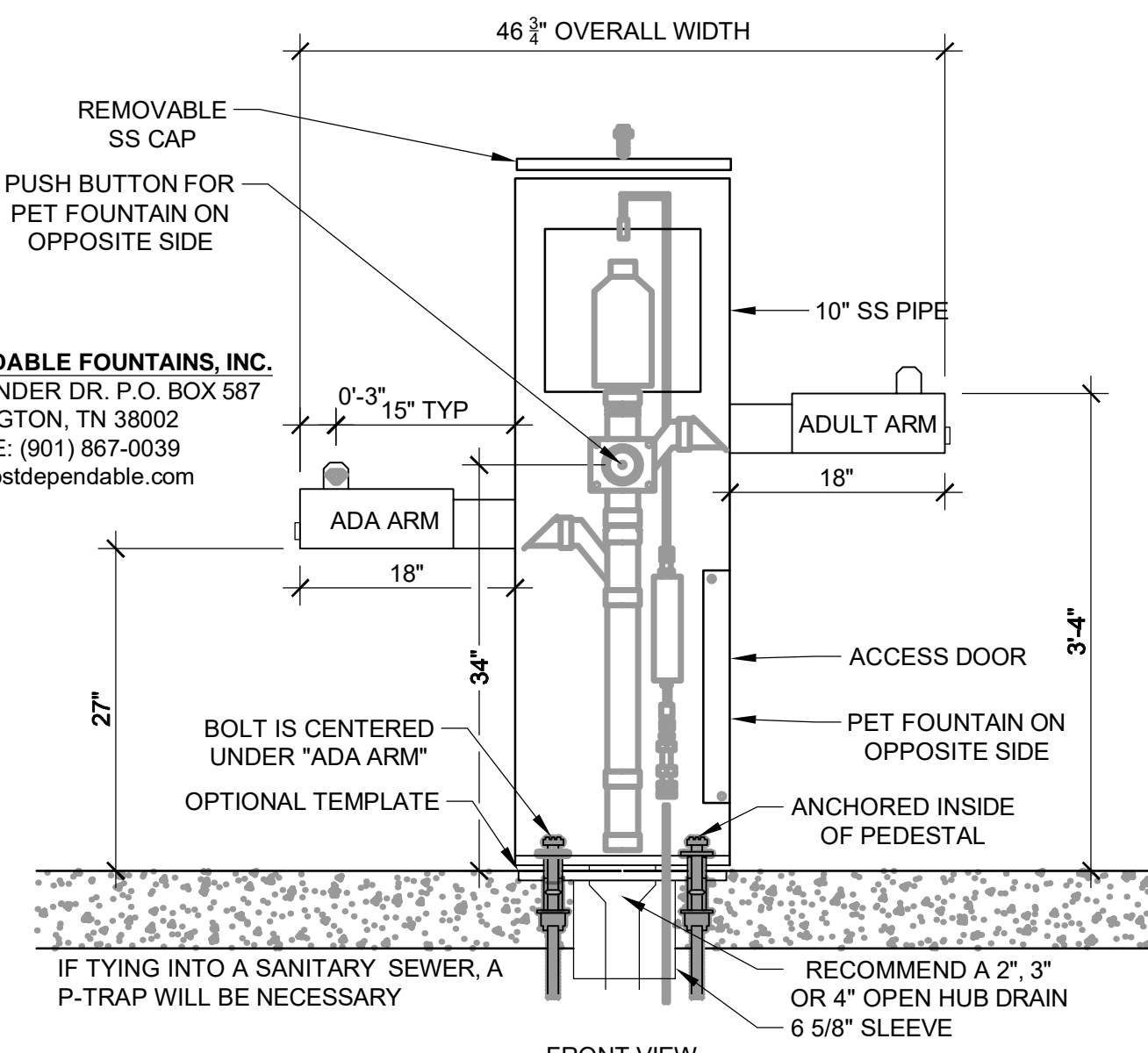


DUMOR INC.
CORPORATE OFFICE
P.O. BOX 142
MIFFLINTOWN, PA 17059
800-598-4818
SALES@DUMOR.COM

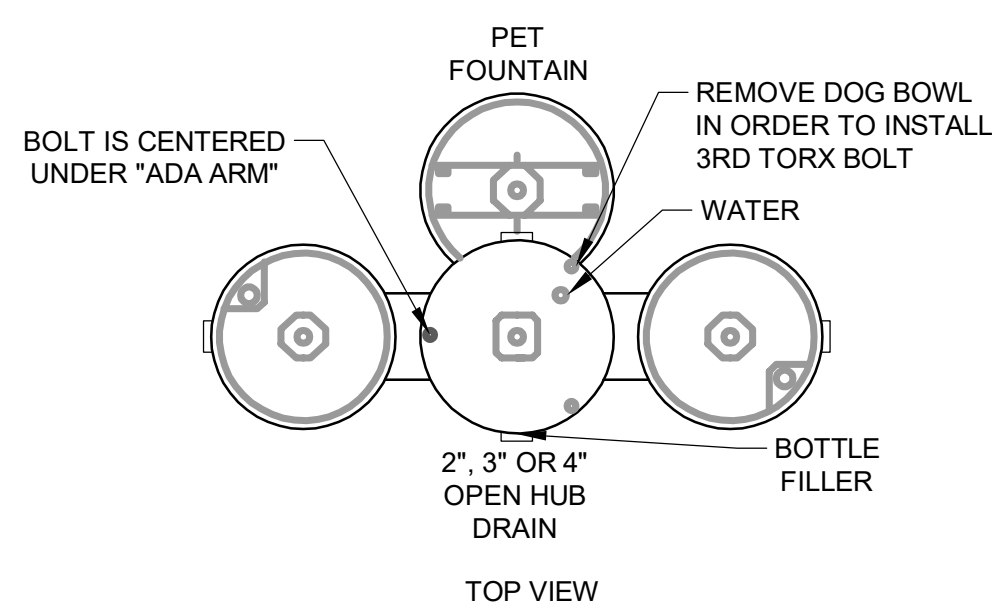


- NOTES:**
1. DUMOR, INC. BENCH 58 SERIES, 6" BENCH PRODUCT NO.: 58-60, RIB MATERIAL.
 2. COLOR SHALL BE STANDARD BLACK; EXPOSED NUTS, BOLTS, AND FASTENERS SHALL BE STAINLESS STEEL AND PAINTED BLACK TO MATCH PROPOSED FRAME COLOR.
 3. SURFACE MOUNTED TO CONCRETE PAD, INSTALL PER MANUFACTURER'S RECOMMENDATIONS.

BENCH (B)
NOT TO SCALE

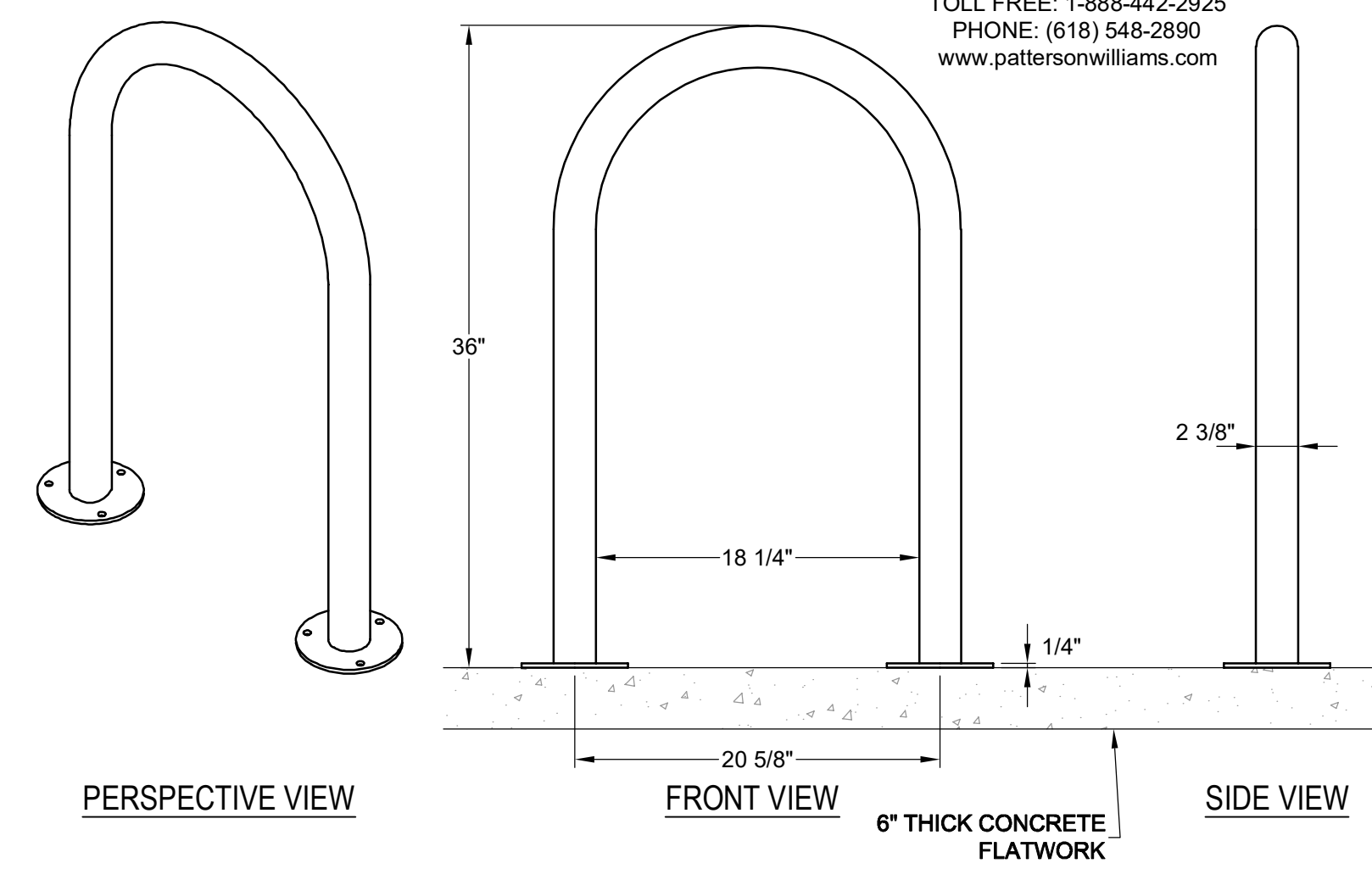


MOST DEPENDABLE FOUNTAINS, INC.
5705 COMMANDER DR. P.O. BOX 587
ARLINGTON, TN 38002
PHONE: (901) 867-0039
www.mostdependable.com



- NOTES:**
1. MODEL NO. 10145 SMSS ADA DRINKING FOUNTAIN WITH BOTTLE FILLER AND DOG BOWL. INCLUDES CARRIER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 2. PAD & DRINKING FOUNTAIN HEIGHT MUST MEET ADA STANDARDS.
 3. ALL CONNECTIONS MUST BE DOUBLE CLAMPED.
 4. COLOR TO BE DETERMINED BY PROJECT REPRESENTATIVE.

DRINKING FOUNTAIN (D)
NOT TO SCALE



PATTERSON - WILLIAMS
PO BOX 1290
SALEM, IL 62881
TOLL FREE: 1-888-442-2925
PHONE: (618) 548-2890
www.pattersonwilliams.com

- NOTES:**
1. BIKE RACK (1608-01 w/ 3M ROUND SURFACE MOUNT & COVER) SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 2. COORDINATE WITH OWNER ON EXACT LOCATION.
 3. COLOR: POWDER COATED BLACK.

'U' BIKE RACK SURFACE MOUNT (E)
NOT TO SCALE

STERLING DESIGN ASSOCIATES
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PREPARED UNDER THE DIRECT SUPERVISION OF
JOSEPH L. WILSON, C.D., P.L.A.
COLORADO REGISTRATION LA-304
FOR & ON BEHALF OF STERLING DESIGN ASSOCIATES, LLC

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NO: 6	DATE: -	BY: -
DESCRIPTION: -		

DATE:	SCALE:
03/28/2022	-
PROJECT MANAGER:	PROJECT NO.:
JLW	-
DRAWN BY:	DRAWING FILE:
JLW	-

PROJECT:
**LONE TREE RECREATION
CENTER PICKLE BALL COURTS**
10249 RIDGEGATE CIRCLE
LONE TREE, CO 80124

SOUTH SUBURBAN
PARKS & RECREATION
CLIENT:

4810 E. COUNTY LINE RD.
LITTLETON, CO 80126
TEL: (303) 798-5131

SHEET TITLE:
SITE DETAILS

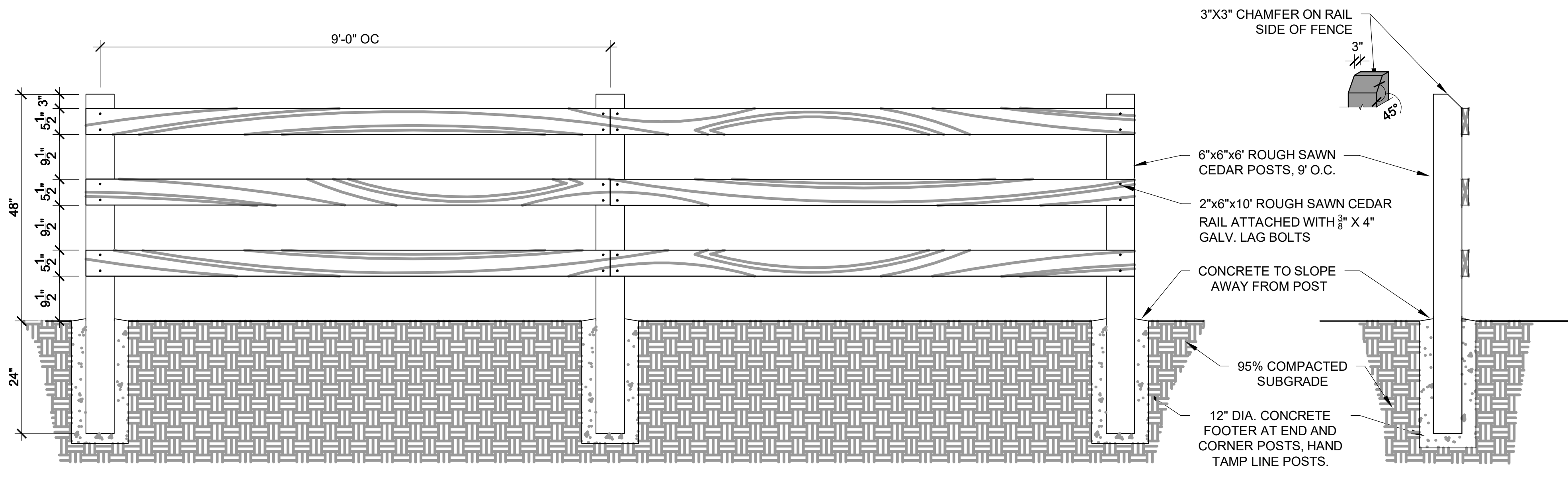
SHEET NUMBER:
05 OF 13

RIDGEGATE - SECTION 15 FILING NO. 3
 PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R

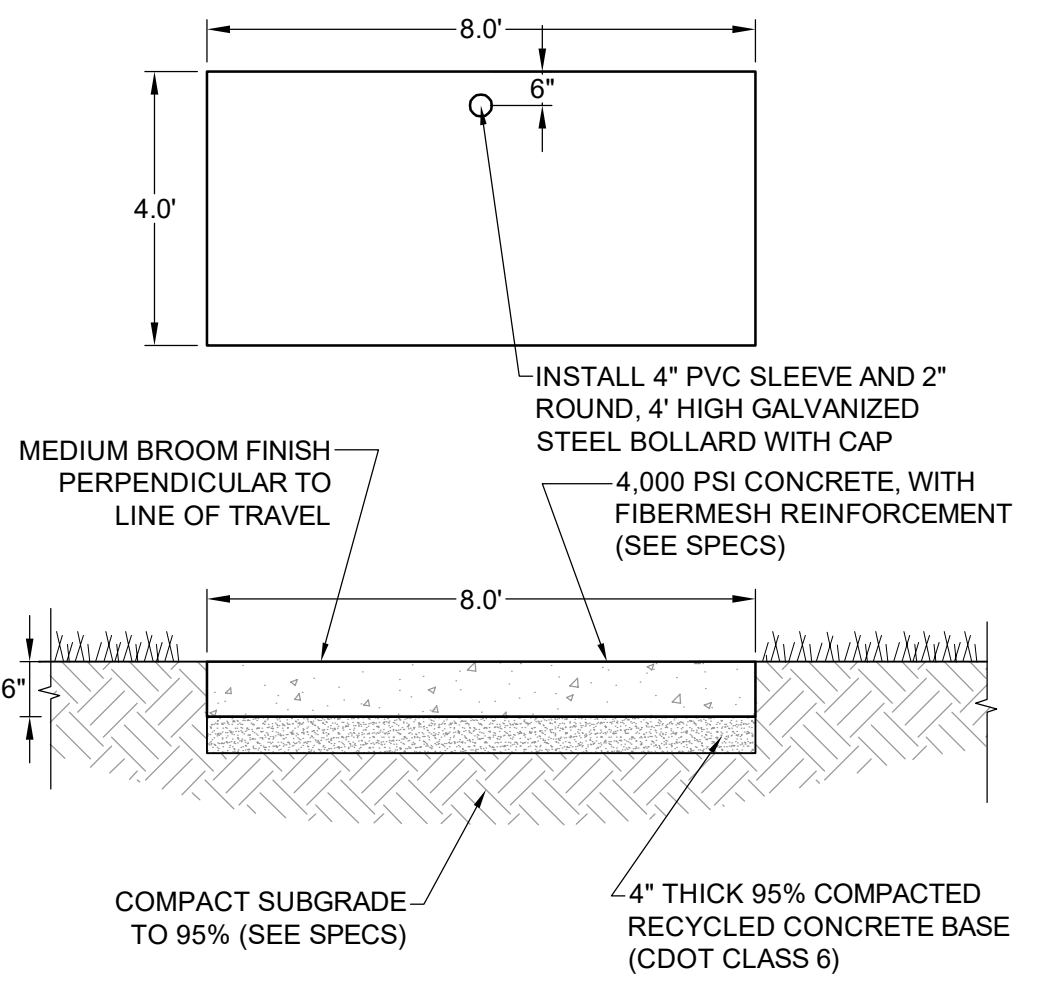
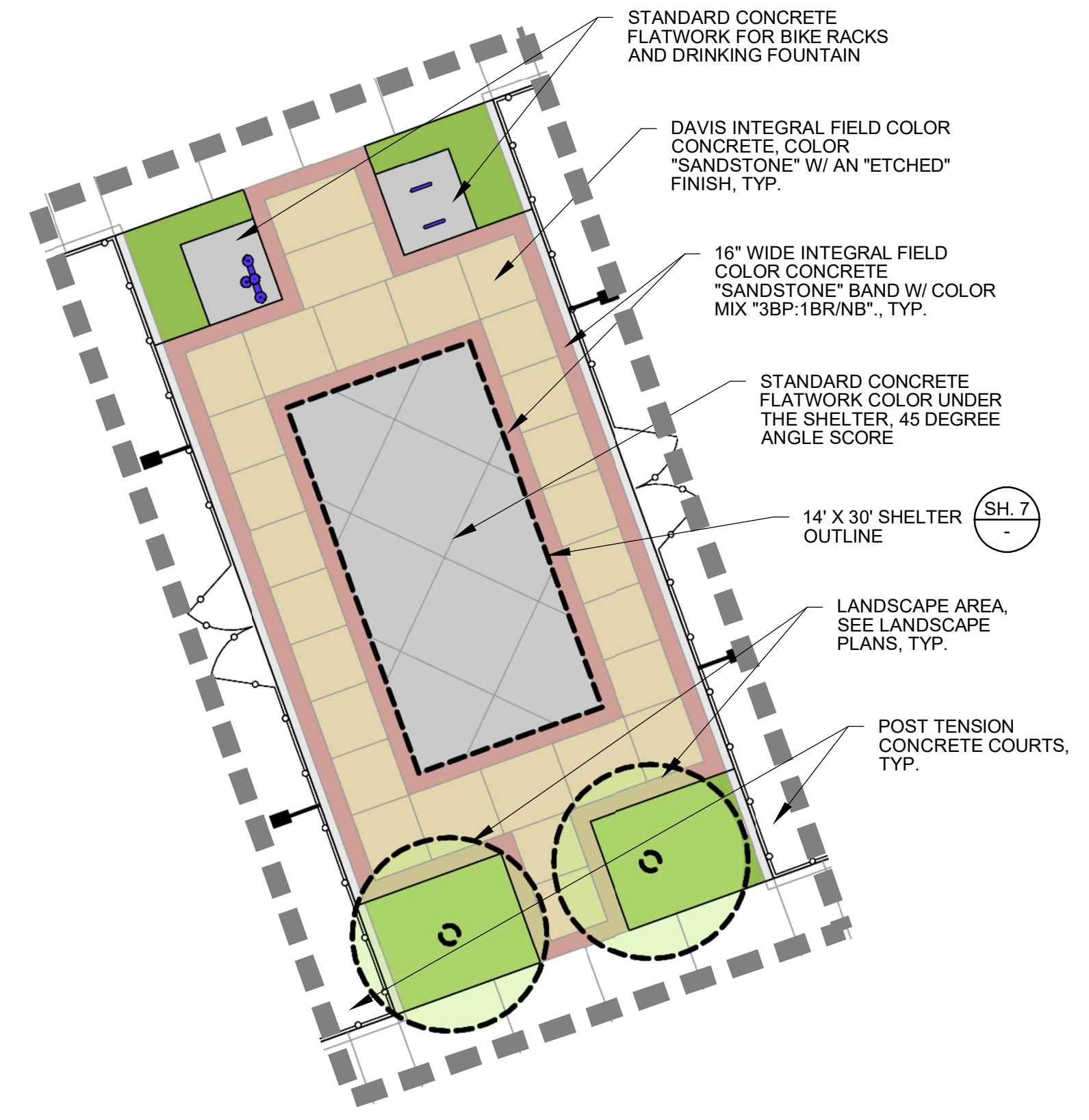


NOTES:
 1. MODEL NO. MINI DOG WASTE STATION DEPOT-007/023/405. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
 2. COLOR TO BE DETERMINED BY PROJECT REPRESENTATIVE.

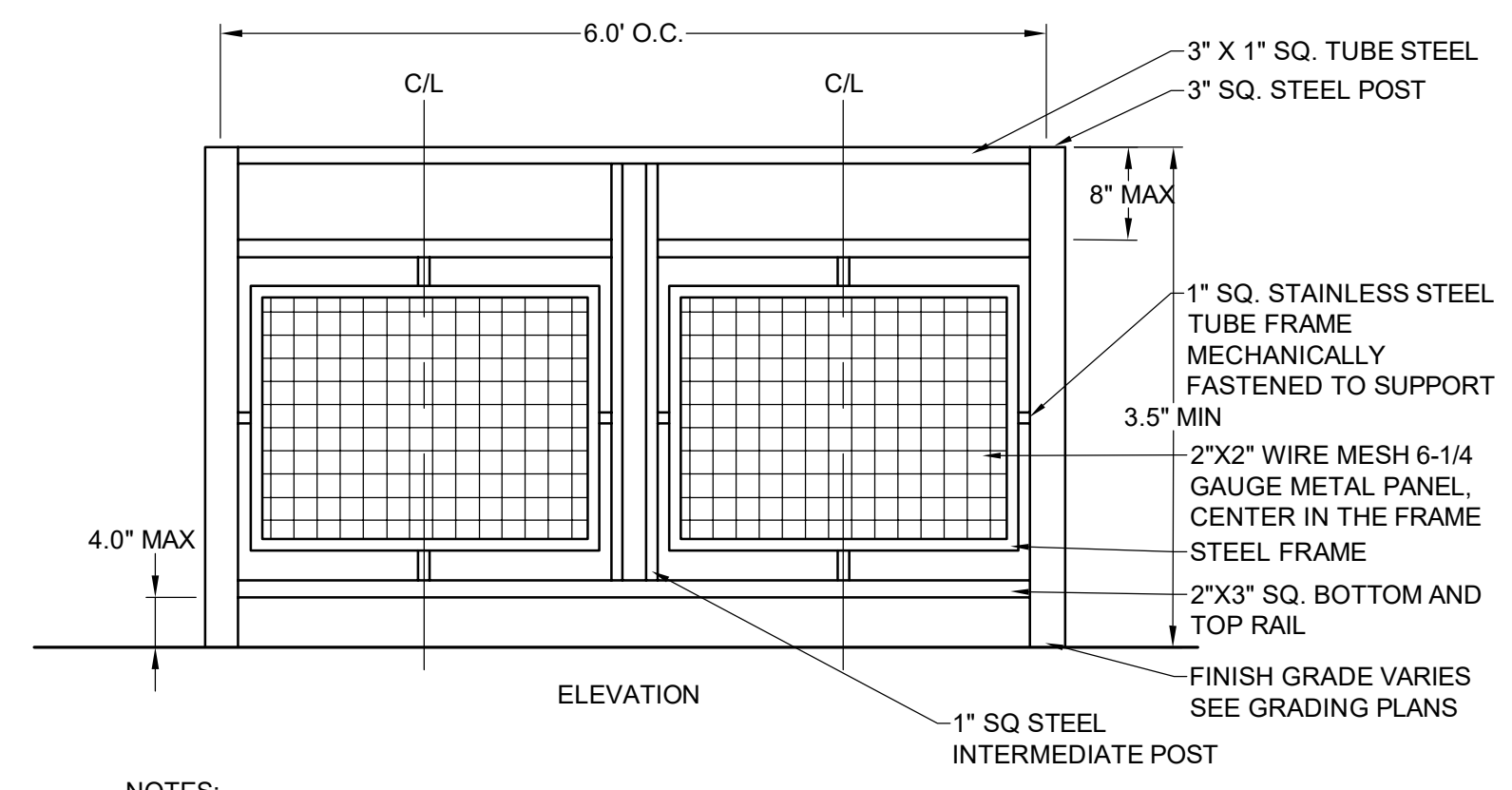
PET WASTE STATION (F)
 NOT TO SCALE



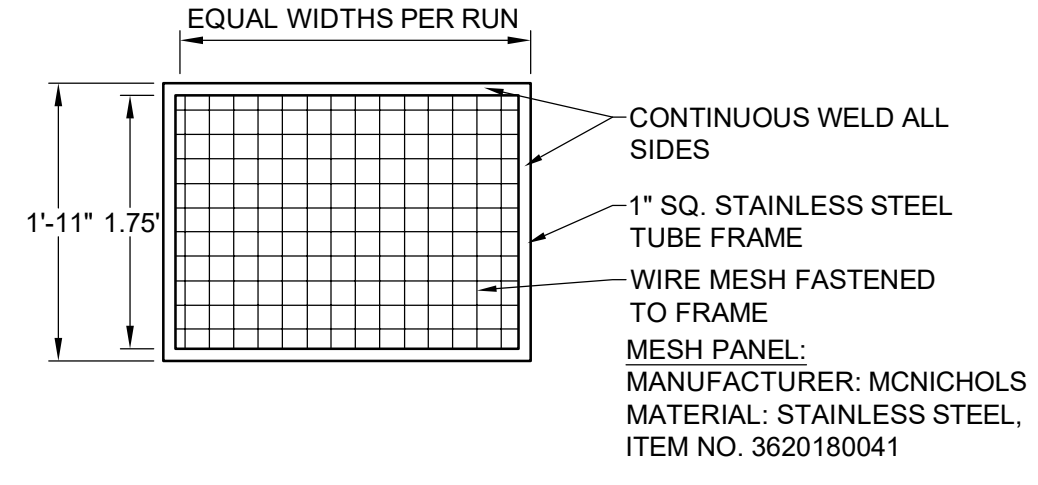
FRONT ELEVATION
THREE-RAIL ROUGH SAWN CEDAR FENCE (G)
SIDE ELEVATION



NOTES:
 1. INSTALL CONTROL JOINTS AND EXPANSION JOINTS PER SPECIFICATIONS AND PLANS. SEE JOINT DETAIL.
 2. CROSS SLOPE TO DRAIN AT 2% OR AS SHOWN ON PLANS.



NOTES:
 1. SLOPE GUARDRAIL PER PLAN.
 2. GALVANIZED PIPE AND TUBE RAILING. FINISH WITH HIGH PERFORMANCE COATINGS. COLOR AS SELECTED BY SSPRD.
 3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF FULL ELEVATIONS AND DETAILS FOR ALL SAFETY RAIL FABRICATION WORK FOR APPROVAL. SHOP DRAWINGS TO BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER. SUBMIT MATERIALS SAMPLES, COLOR SAMPLES, AND WELDING SAMPLES FOR APPROVAL.
 4. PROVIDE PRELIMINARY MOCK-UP OF ONE PANEL FOR APPROVAL. UPON FINAL APPROVAL RAIL PANEL MAY BE USED AS PART OF THE FINAL PRODUCT.
 5. ALL WELDS SHALL BE GROUND SMOOTH WITHOUT COMPROMISING THE STRUCTURAL STRENGTH OF THE WELD.
 6. ALL METAL SHALL BE STAINLESS STEEL, INCLUDING MESH INFILL PANELS.



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 Civil Engineers | Landscape Architects
 2009 W. Littleton Blvd. #300 Littleton, CO 80120
 303.794.4727 | www.SterlingDesignAssociates.com
 PREPARED UNDER THE DIRECT SUPERVISION OF JOSEPH L. WILSON, C.E.P., P.E., COLORADO REGISTRATION LA-304 FOR & ON BEHALF OF STERLING DESIGN ASSOCIATES, LLC

PRELIMINARY
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STERLING DESIGN ASSOCIATES, LLC		
ISSUES & REVISIONS	DATE	BY
NO. 1	04/29/2022	JLW
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NO. 2	-	-
DESCRIPTION: -		
NO. 3	-	-
DESCRIPTION: -		
NO. 4	-	-
DESCRIPTION: -		
NO. 5	-	-
DESCRIPTION: -		
NO. 6	-	-
DESCRIPTION: -		

DATE: 03/28/2022
 PROJECT MANAGER: JLW
 DRAWN BY: JLW

PROJECT:
LONE TREE RECREATION CENTER PICKLE BALL COURTS
 10249 RIDGEGATE CIRCLE
 LONE TREE, CO 80124

SOUTH SUBURBAN PARKS & RECREATION
 CLIENT:

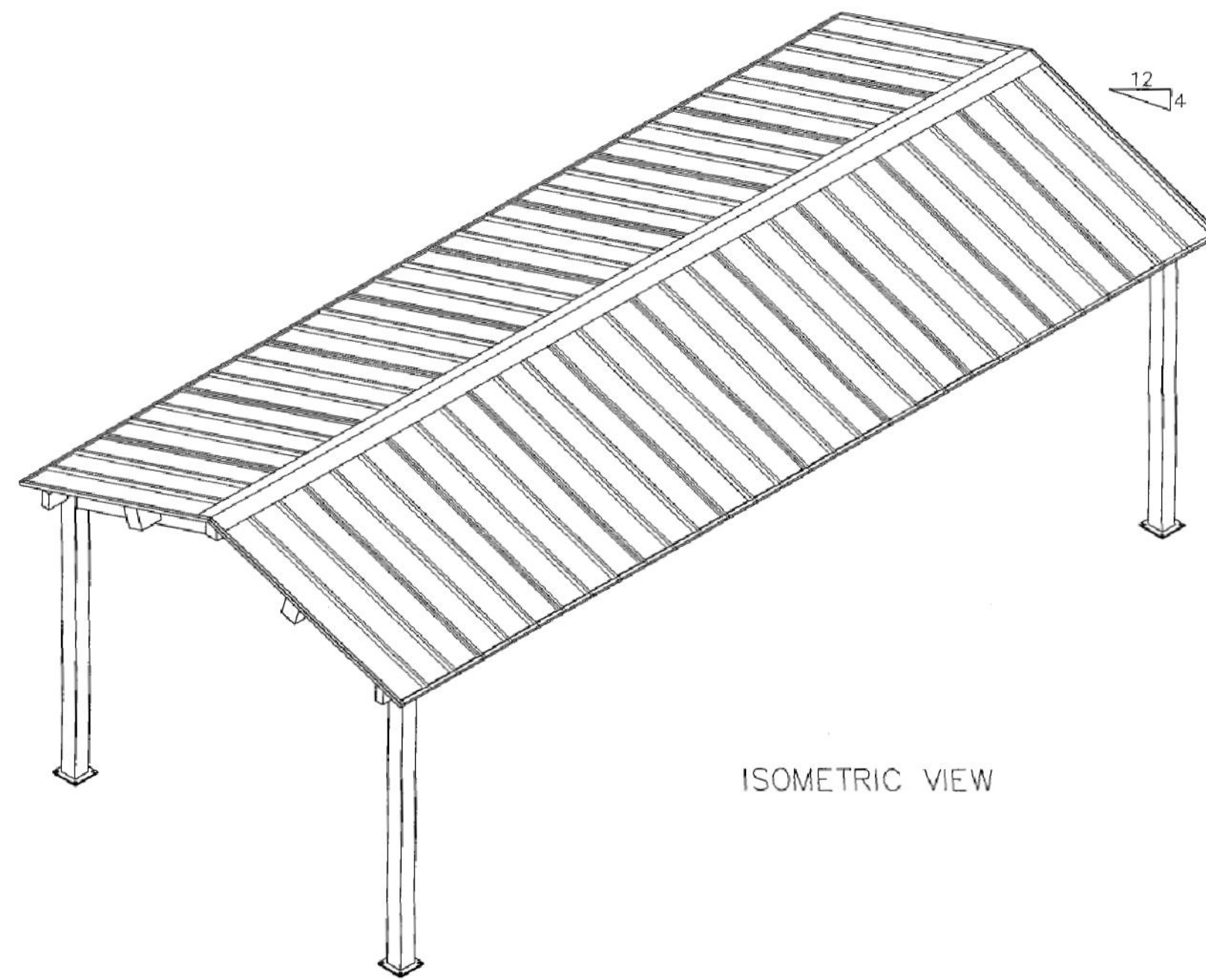
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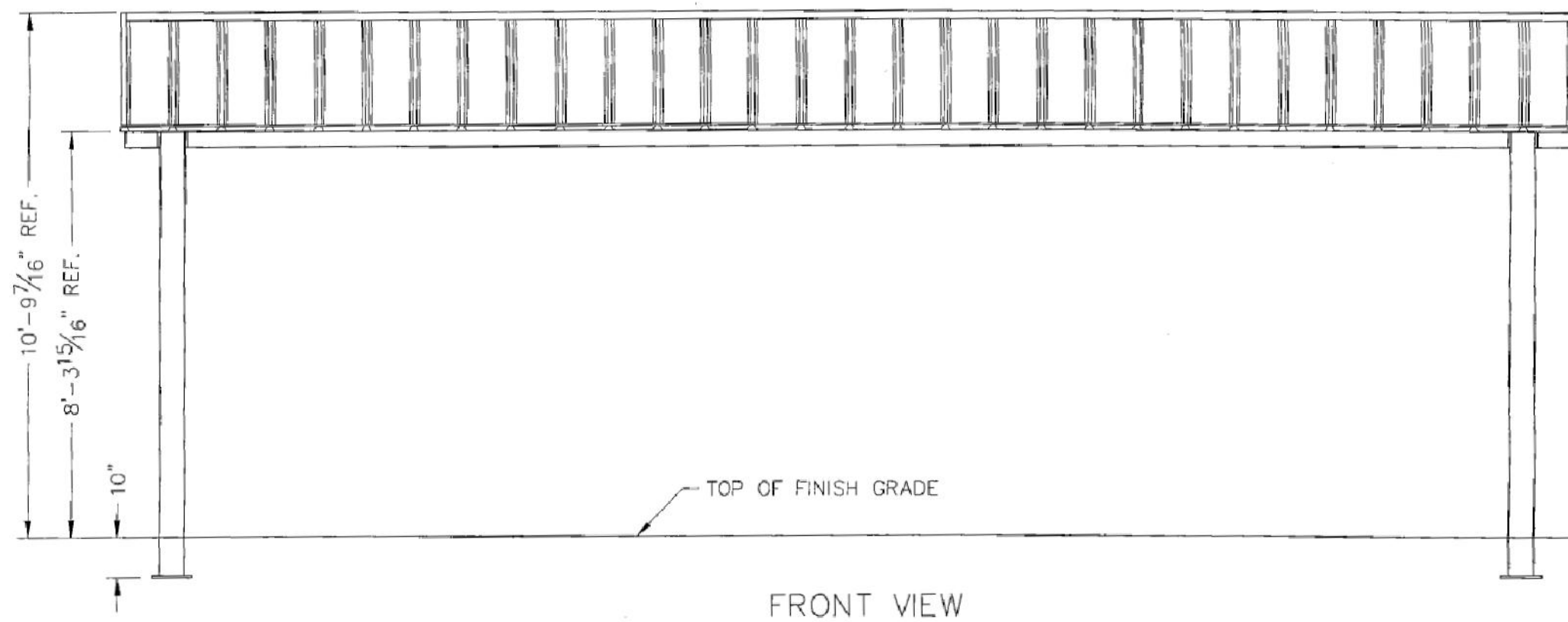
RIDGEGATE - SECTION 15 FILING NO. 3
 PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R

ICON SHELTER
BUILDING TYPE:
RG14X30M-P4
 CONTRACTOR TO INSTALL PER
 MANUFACTURER'S
 RECOMMENDATIONS -
 SEPARATE DOCUMENT
 PROVIDED BY SSPRD

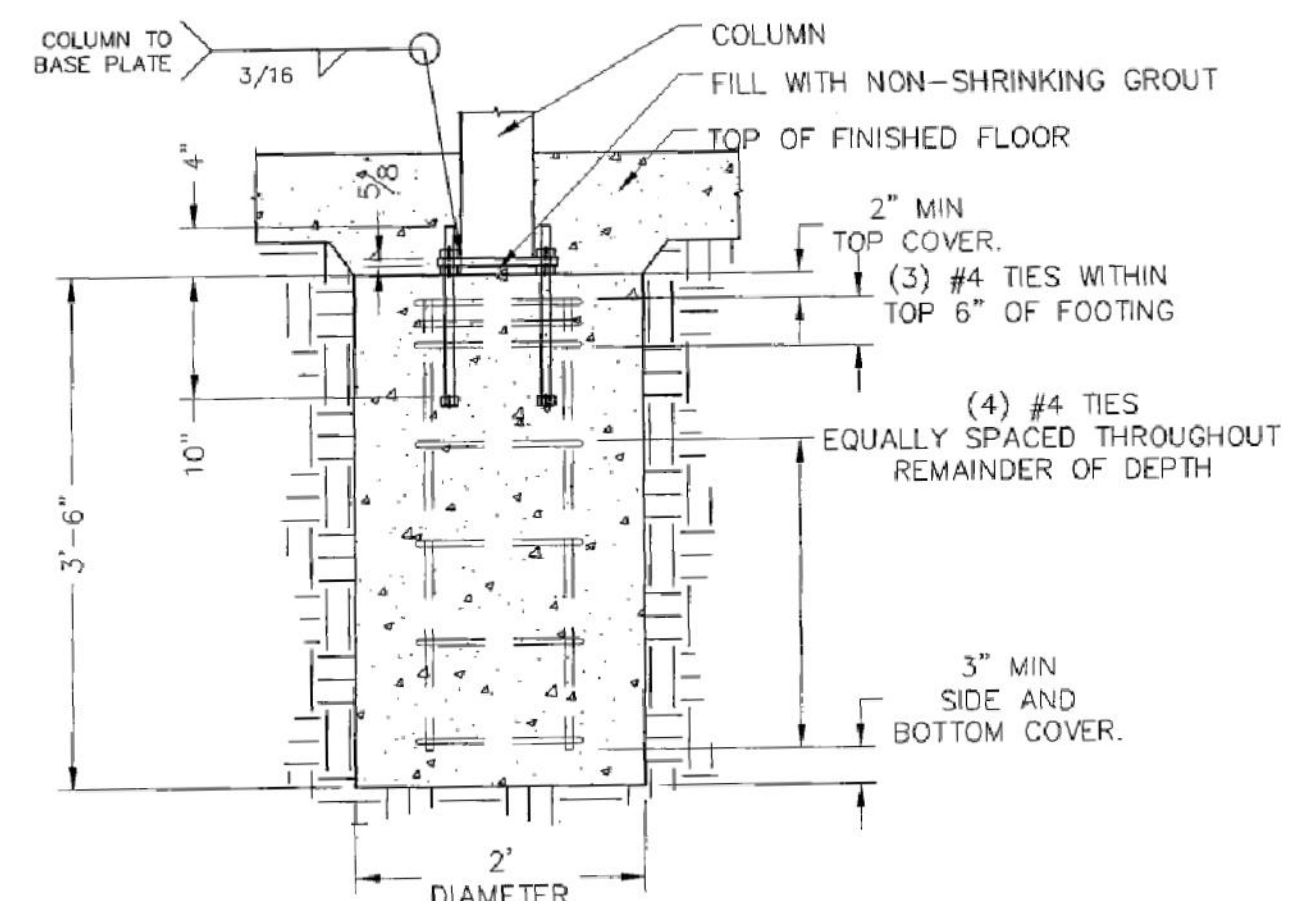
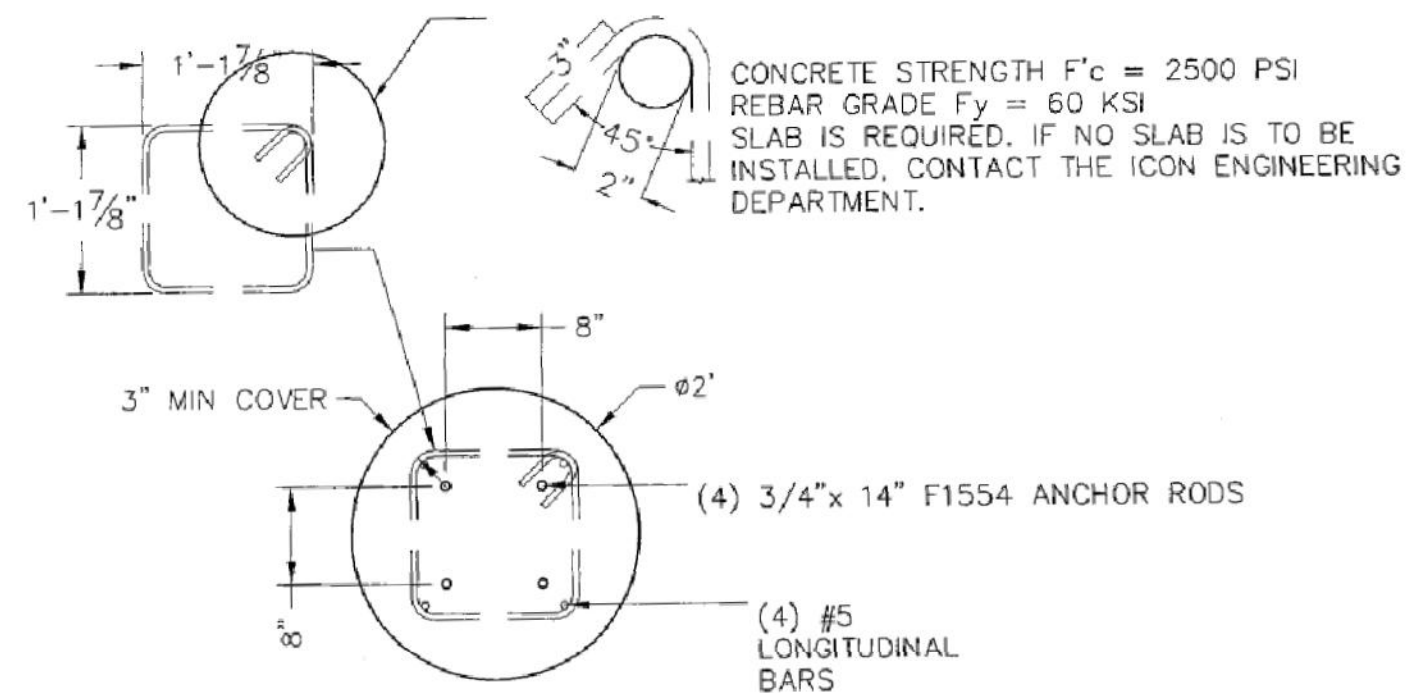


14' X 30' SHELTER
 NOT TO SCALE

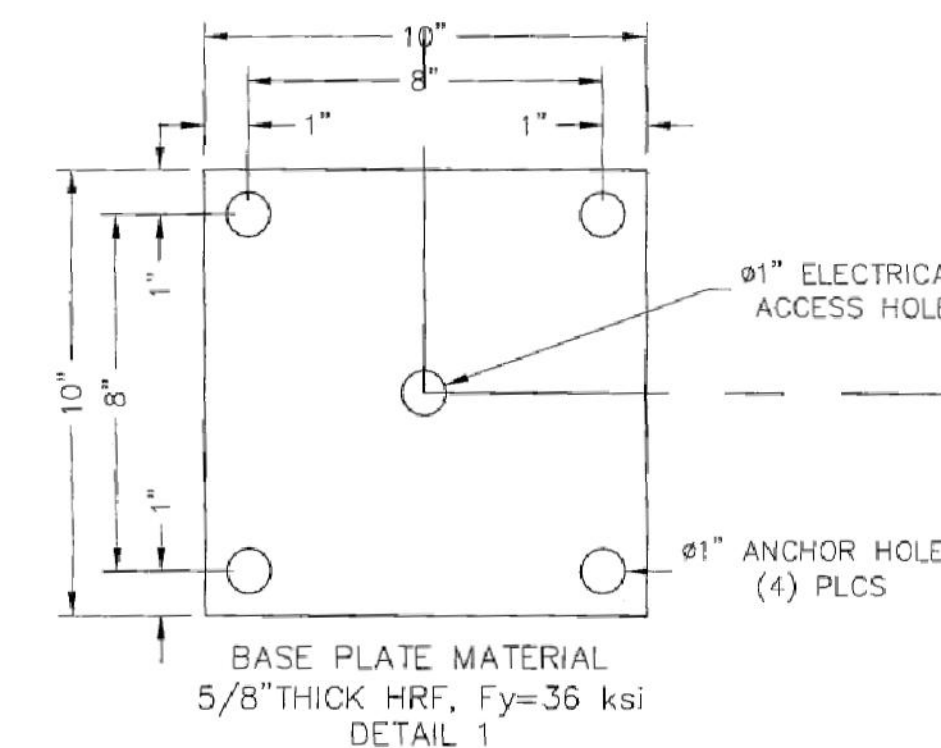
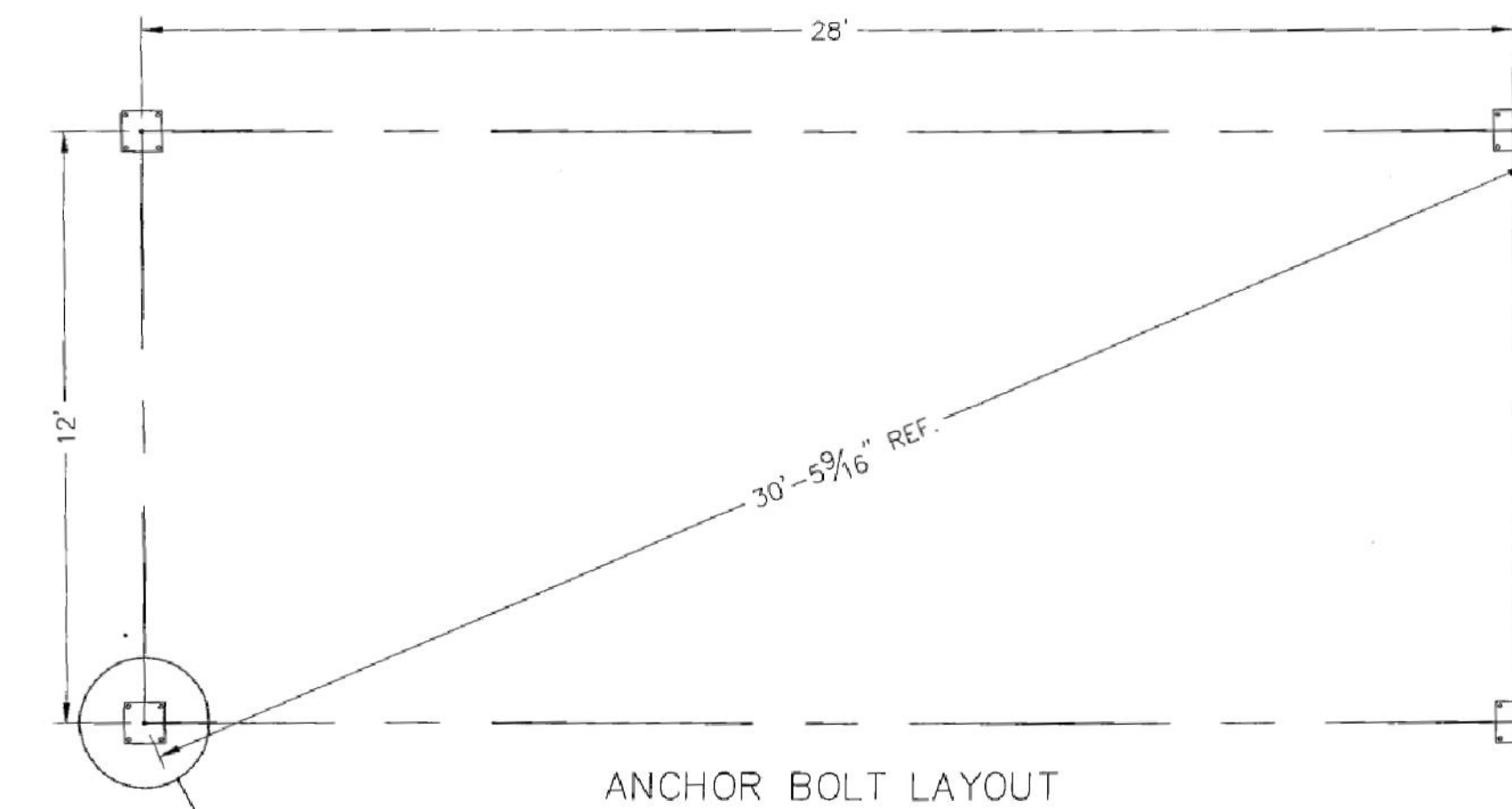
ICON
 Shelter Systems Inc
DISTINCTIVE STEEL SHELTERS
WWW.ICONSHelters.COM
 COPYRIGHT 2004, ICON SHELTER
 SYSTEMS, INC.
 1455 LINCOLN AVE.
 HOLLAND MI, 49423
 616.396.0919
 800.748.0985
 616.396.0944 FX



ELEVATIONS
 NOT TO SCALE



ANCHOR BOLT LAYOUT
 NOT TO SCALE



NOTES

MATERIALS	(ASTM DESIGNATION)
TUBE STEEL (HSS HOLLOW STRUCTURAL SECTION)	A-500 GRADE B
WIDE FLANGE SECTIONS	A-992
STRUCTURAL STEEL PLATE	A-36
ROOF PANELS (STEEL)	A-446
ANCHOR BOLTS	F1554 GRADE 36
CONNECTION BOLTS	A-325

ALL WELDING CONFORMS TO THE LATEST EDITION OF AWS D1.1 OR D1.3 AS REQUIRED. ALL WELDING IS PERFORMED BY AWS CERTIFIED WELDERS.

IF THESE DRAWINGS ARE SEALED, THE SEAL APPLIES ONLY TO THE MATERIALS SUPPLIED BY ICON SHELTER SYSTEMS INC. AND IS NOT INTENDED AS THE SEAL OF THE ENGINEER OF RECORD FOR THE ENTIRE PROJECT.

DUE TO STANDARDIZED FABRICATION PARTS SHOWN MAY BE UPGRADED. REFER TO THE SHIPPING BILL OF MATERIALS FOR POSSIBLE SUBSTITUTIONS.

ICON SHELTER SYSTEMS INC. RECOMMENDS THAT THE PRIMARY FRAMING INSTALLER AND THE ROOF INSTALLER HAVE A MINIMUM OF FIVE (5) YEARS OF DOCUMENTED EXPERIENCE INSTALLING THIS TYPE OF PRODUCT.

HIGH STRENGTH BOLTING
 ALL HIGH STRENGTH BOLTS ARE A-325 BOLTS WITH HEAVY HEX NUTS. THE BOLTS ARE TO BE INSTALLED UTILIZING THE "SPECIFICATION FOR STRUCTURAL JOINTS ASTM A325 OR A490 BOLTS" (6/30/2004) AS PREPARED BY RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) FOR THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). THE BOLTS SHALL BE INSTALLED AS **SNUG TIGHTENED**, WHICH IS DEFINED AS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE PLIES INTO FIRM CONTACT, WHICH IS THE CONDITION WHEN THE PLANES OF CONTACT BETWEEN TWO PLIES ARE SOLIDLY SEATED AGAINST EACH OTHER, BUT NOT NECESSARILY IN CONTINUOUS CONTACT WITH UTILIZATION OF THE SNUG TIGHTENING METHOD. NO WASHERS ARE REQUIRED.
 ALL CONNECTIONS ARE BEARING TYPE CONNECTIONS UNLESS NOTED OTHERWISE.

IT IS THE RESPONSIBILITY OF THE INSTALLER TO INSURE PROPER TIGHTNESS.

PROPER ERECTION OF THE FRAMING MEMBERS REQUIRES THE MAIN COLUMNS TO BE PLUMB & SQUARE. COLUMNS, RAFTER, AND TIE BEAM CONNECTIONS MUST BE TIGHTENED BEFORE INSTALLING THE PURLINS. PURLINS MUST BE PARALLEL TO THE TIE BEAMS AND EAVE BEAMS.

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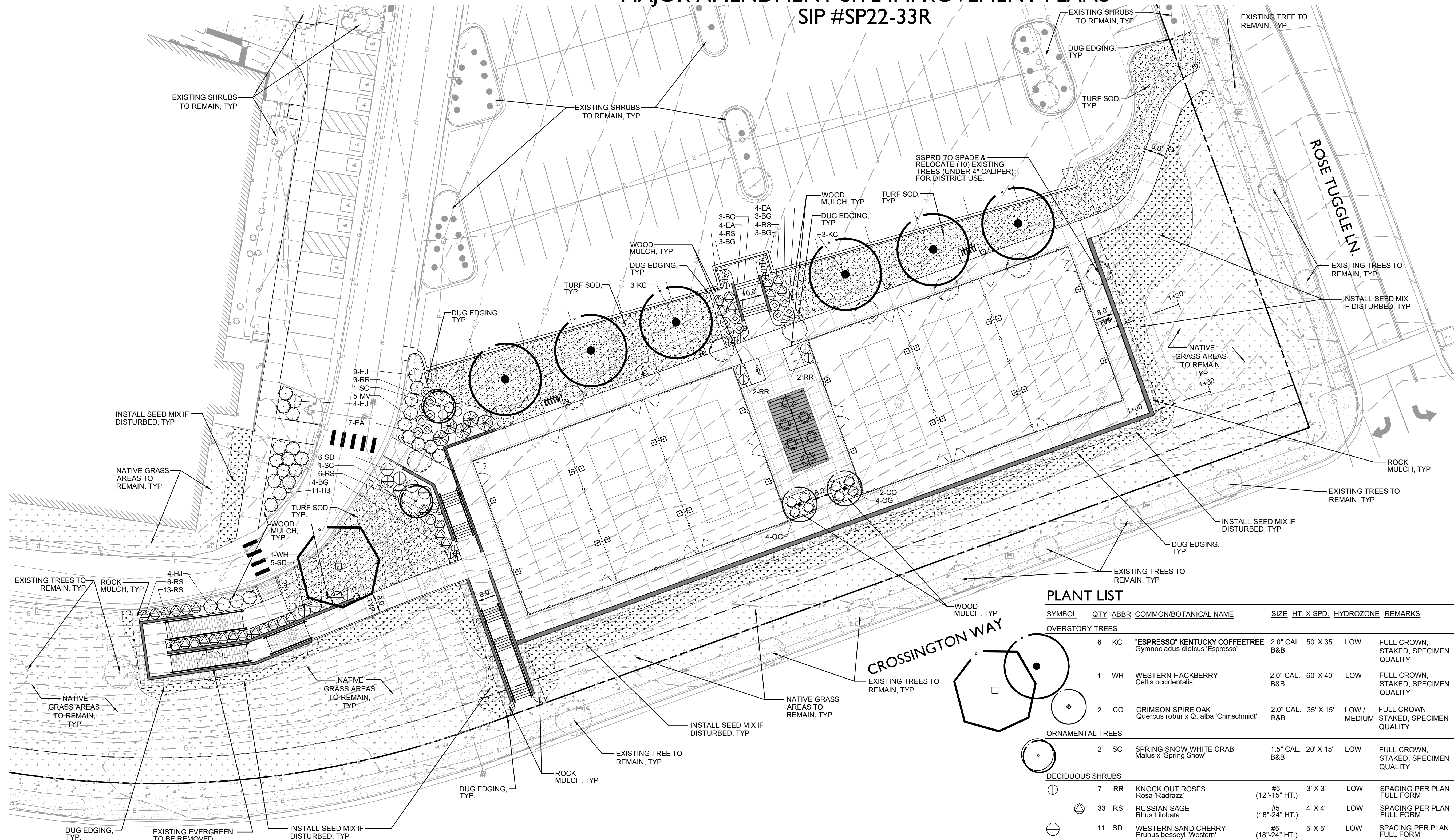
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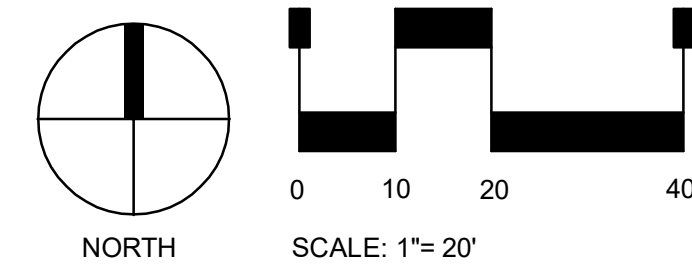
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PLANNING AREA OS NO. 21

MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R



PLANT LIST

SYMBOL	QTY	ABBR	COMMON/BOTANICAL NAME	SIZE	HT. X SPD.	HYDROZONE	REMARKS
OVERSTORY TREES							
6 KC			"ESPRESSO" KENTUCKY COFFEETREE <i>Gymnocladus dioica</i> 'Espresso'	2.0" CAL. B&B	50' X 35'	LOW	FULL CROWN, STAKED, SPECIMEN QUALITY
1 WH			WESTERN HACKBERRY <i>Celtis occidentalis</i>	2.0" CAL. B&B	60' X 40'	LOW	FULL CROWN, STAKED, SPECIMEN QUALITY
2 CO			CRIMSON SPIRE OAK <i>Quercus robur</i> x <i>Q. alba</i> 'Crimschmid'	2.0" CAL. B&B	35' X 15'	LOW / MEDIUM	FULL CROWN, STAKED, SPECIMEN QUALITY
ORNAMENTAL TREES							
2 SC			SPRING SNOW WHITE CRAB <i>Malus</i> x 'Spring Snow'	1.5" CAL. B&B	20' X 15'	LOW	FULL CROWN, STAKED, SPECIMEN QUALITY
DECIDUOUS SHRUBS							
7 RR			KNOCK OUT ROSES <i>Rosa</i> 'Radrazz'	#5 (12"-15" HT.)	3' X 3'	LOW	SPACING PER PLAN FULL FORM
33 RS			RUSSIAN SAGE <i>Rhus trilobata</i>	#5 (18"-24" HT.)	4' X 4'	LOW	SPACING PER PLAN FULL FORM
11 SD			WESTERN SAND CHERRY <i>Prunus besseyi</i> 'Western'	#5 (18"-24" HT.)	5' X 5'	LOW	SPACING PER PLAN FULL FORM
5 MV			MOHICAN VIBURNUM <i>Viburnum lantana</i> 'Mohican'	#5 (18"-24" HT.)	10' X 10'	LOW	SPACING PER PLAN FULL FORM
15 EA			DWARF BURNING BUSH <i>Euonymus alatus</i> 'Compactus'	#5 (18"-24" HT.)	5' X 4'	LOW	SPACING PER PLAN FULL FORM
EVERGREEN SHRUBS							
28 HJ			HUGHES JUNIPER <i>Juniperus horizontalis</i> 'Hughes'	#5 (8"-12" SPD.)	1' X 5'	LOW	SPACING PER PLAN FULL FORM
8 OG			COMPACT OREGON GRAPE HOLLY <i>Mahonia aquifolium compacta</i>	#5 (12"-15" HT.)	3' X 5'	LOW	SPACING PER PLAN FULL FORM
ORNAMENTAL GRASSES							
16 BG			BLUE AVENA GRASS <i>Helictotrichon sempervirens</i>	#1 (ESTABLISHED)	1.75' X 2.5'	LOW	SPACING PER PLAN FULL FORM
TURF SOD / NATIVE SEED							
7,392 SF			KENT. BLUEGRASS SOD TO MATCH EXISTING		GRASS SOD		SEE LANDSCAPE NOTES, SHEET 9
4,462 SF			NATIVE SEED MIX		GRASS SEED		SEE SEED NOTES, SHEET 9
MULCH							
3,105 SF			COLOR/MATERIAL: -WOOD MULCH				
			TYPE: -2" THICK NATURAL WOOD MULCH, SEE SPECS.				
1,570 SF			COLOR/MATERIAL: -ROCK MULCH				
			TYPE: -1"-3" MULTI-COLOR RIVER ROCK MULCH.				
							700 LF DUG EDGE, PER NOTES



LEGEND

	PROPERTY LINE		EXISTING SIDEWALK		PROPOSED SIGN ON POST		EXISTING WATER VALVE
	PROPOSED WALL		EXISTING EDGE OF ASPHALT		EXISTING SIGN ON POST		EXISTING CONTROL BOX
	EXISTING EASEMENT		PROPOSED CURB & GUTTER		EXISTING CABLE/TV LINE		EXISTING GAS METER
	EXISTING CONCRETE		PROPOSED FENCE & GATES		EXISTING GAS LINE		EXISTING SANITARY CLEANOUT
	PROPOSED FLATWORK		EXISTING MAJOR CONTOUR		EXISTING ELECTRICAL LINE		EXISTING VENT PIPE
	EXISTING CURB & GUTTER		EXISTING MINOR CONTOUR		EXISTING WATER LINE		EXISTING WATER MANHOLE
	PROPOSED LIGHT POLE		PROPOSED CONTOUR		PROPOSED WATER LINE		EXISTING LIGHT POLE
			EXISTING BUILDING DOWNSPOUT		EXISTING MANHOLE		EXISTING TRASH CAN
					EXISTING FIRE HYDRANT		EXISTING BOLLARD

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DATE: 03/28/2022	SCALE: 1" = 20'
PROJECT MANAGER: JLW	PROJECT NO.:
DRAWN BY: JLW	DRAWING FILE:

PROJECT:
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10249 RIDGEGATE CIRCLE
LONE TREE, CO 80124

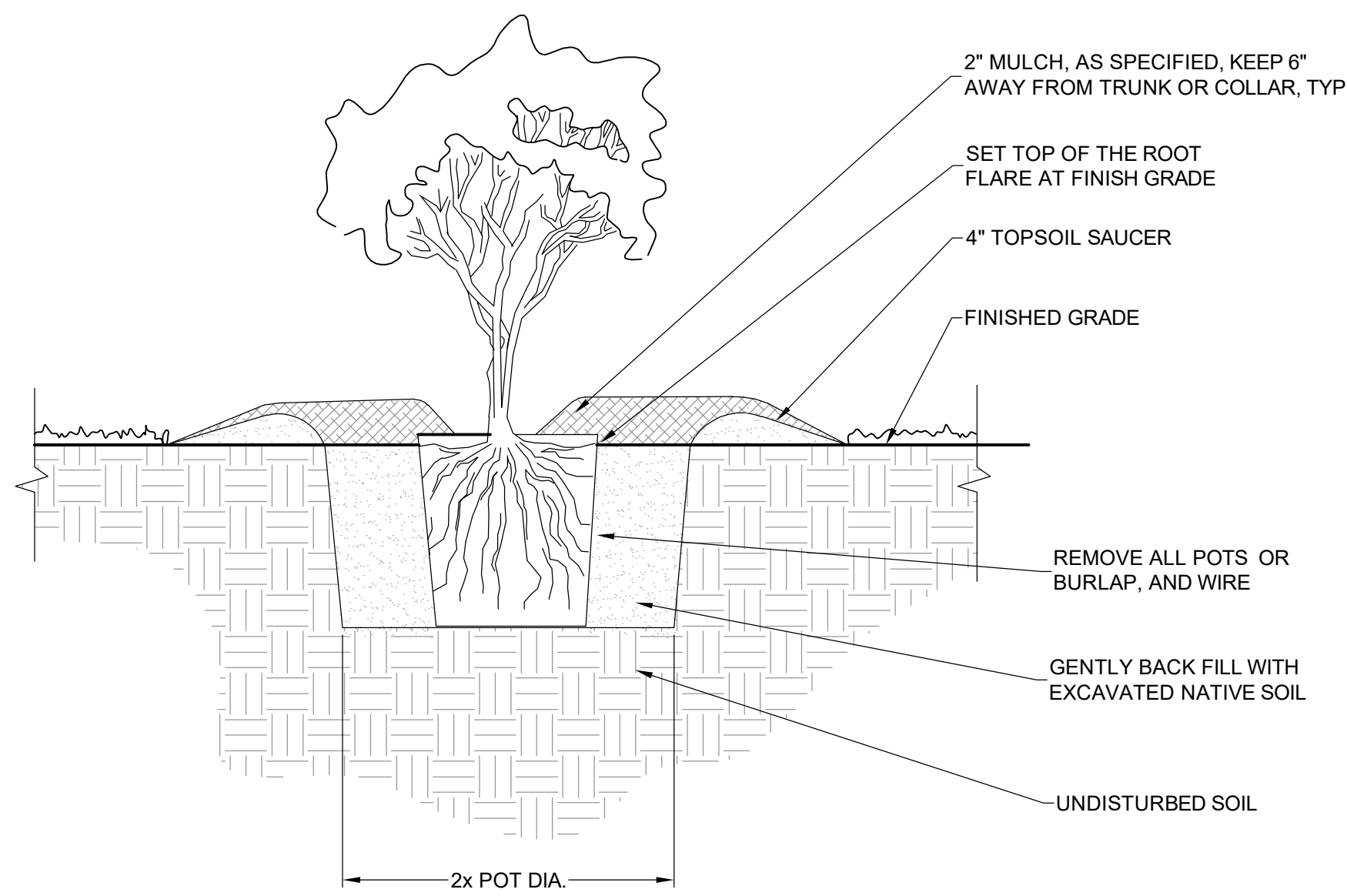
SOUTH SUBURBAN PARKS & RECREATION

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SHEET TITLE:
LANDSCAPE PLAN

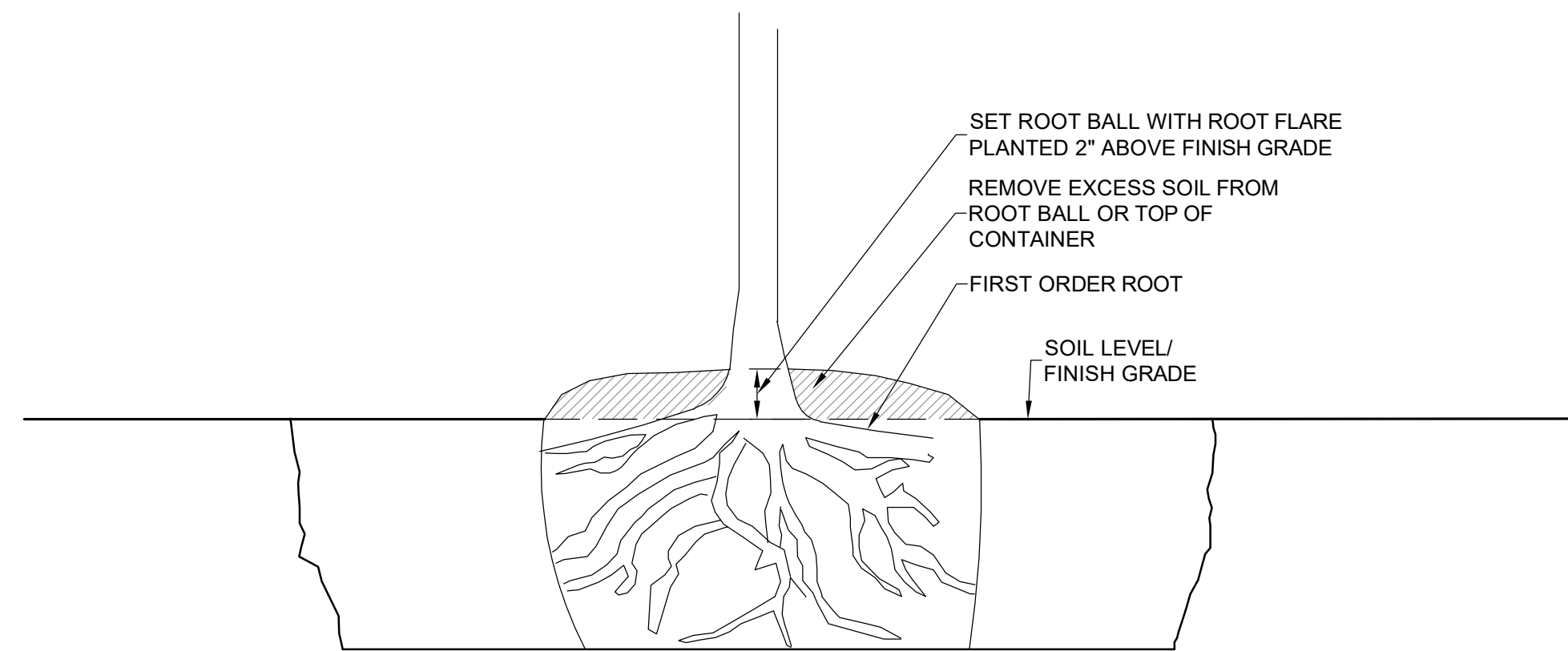
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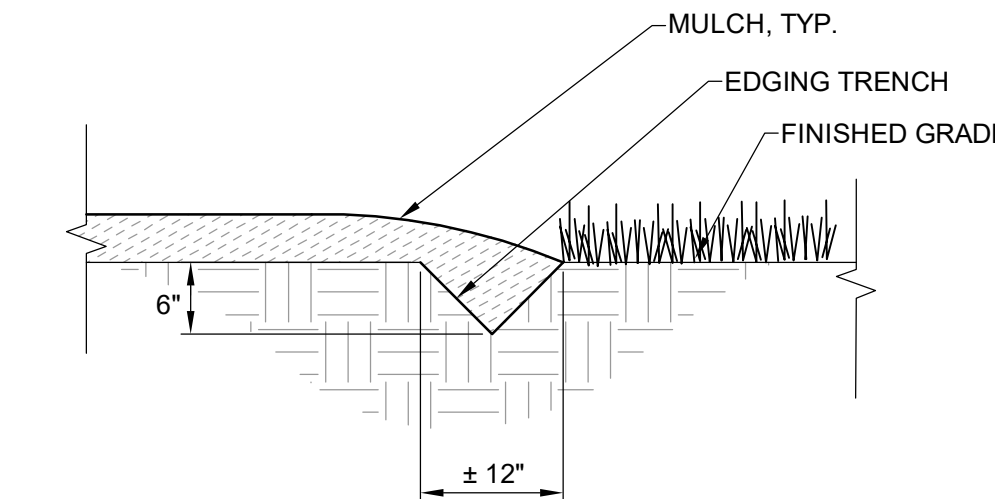
- NOTES:
1. PRUNE ALL BROKEN, DISEASED OR CROSSING LIMBS.
 2. CLEANLY PRUNE ALL DAMAGED ROOT ENDS.
 3. DO NOT ALLOW ROOTS TO DRY OUT DURING INSTALLATION PROCESS.
 4. DEEP WATER AFTER PLANTING.
 5. MULCH TO BE 'NATURAL WOOD MULCH' FROM A-1 ORGANICS.

SHRUB PLANTING (A)
NOT TO SCALE



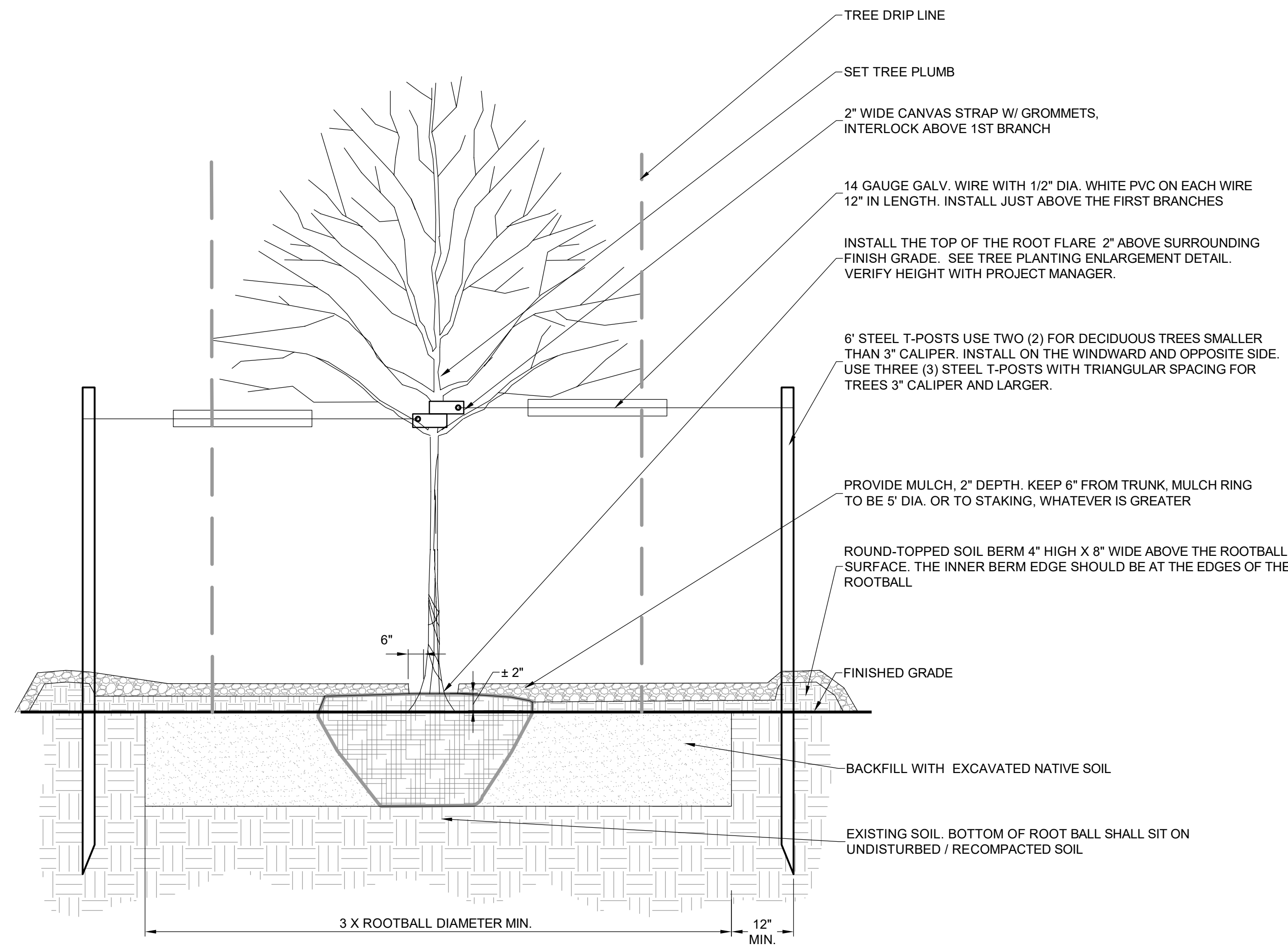
- NOTES:
1. PROBE ROOTBALL TO FIND THE FIRST MAIN ORDER ROOT TO DETERMINE THE DEPTH OF THE ROOT FLARE IN THE ROOTBALL. THE ROOT FLARE MAY BE 2\"/>
 - 2. VERIFY PLANTING HEIGHT WITH PROJECT MANAGER BEFORE PLANTING THE TREE.

TREE PLANTING ENLARGEMENT (C)
NOT TO SCALE



- NOTES:
1. CUT A 'V' SHAPED TRENCH. SIDES SHOULD BE CUT AT APPROX. 45° ANGLE.
 2. REMOVE SOD AND SOIL FROM TRENCH AND CLEAN SIDES FOR SMOOTH TRENCH LINE.
 3. FILL TRENCH WITH MULCH TO MATCH ADJACENT LANDSCAPE BED.
 4. MULCH TO BE 'NATURAL WOOD MULCH' FROM A-1 ORGANICS.

TRENCH EDGING (D)
NOT TO SCALE



- NOTES:
1. PRUNE ALL BROKEN, DISEASED OR CROSSING LIMBS.
 2. CLEANLY PRUNE ALL DAMAGED ROOT ENDS.
 3. DO NOT ALLOW ROOTS TO DRY OUT DURING INSTALLATION PROCESS.
 4. DEEP WATER AFTER PLANTING. DO NOT ALLOW AIR POCKETS TO FORM WHEN BACKFILLING.
 5. WRAP DECIDUOUS TREES PER SPECIFICATIONS.
 6. (EXCLUDES COTTONWOOD TREES). MULCH TO BE 'NATURAL WOOD MULCH' FROM A-1 ORGANICS.
 7. FOR 8&8 TREES COMPLETELY REMOVE ALL WIRE BASKET, ALL TWINE AND ALL BURLAP FROM THE TREE'S ROOT BALL AT PLANTING. REMOVE ALL TWINE, PROTECTIVE SLEEVES, BAMBOO STAKES, HORTICULTURAL TAPE, FLAGGING AND/OR OTHER MATERIAL USED DURING TRANSPORT OR AT THE NURSERY.
 8. THE TREE IDENTIFICATION TAG W/ TREE SPECIES INFORMATION SHALL BE LEFT ON THE TREE FOR FORESTRY OR HORTICULTURE STAFF TO REMOVE.
 9. STEEL T-POSTS AND GUY WIRES TO BE REMOVED AT END OF WARRANTY PERIOD.

DECIDUOUS TREE PLANTING (B)
NOT TO SCALE

LANDSCAPE AND PLANTING NOTES:

1. PROVIDE AND INSTALL 2" DEPTH MINIMUM MULCH ON ALL PLANTING BEDS. SEE SPECS. FOR CORRESPONDING TYPES OF MULCH. SUBMIT MATERIAL SAMPLES TO LANDSCAPE ARCHITECT FOR APPROVAL.
2. SOD SHALL HAVE A MINIMUM THICKNESS OF 5/8" SOIL ADHERING TO THE ROOT SYSTEM. EXCESSIVELY WET OR DRY SOD WILL BE REJECTED. LAY SOD WITHIN TWENTY-FOUR HOURS FROM TIME OF CUTTING. SEE SPECS FOR TYPE OF SOD. A MINIMUM OF FOUR (4) CUBIC YARDS OF COMPOST PER EACH ONE THOUSAND (1,000) SQUARE FEET OF SOIL SHOULD BE INCORPORATED TO A DEPTH OF AT LEAST FOUR (4) TO SIX (6) INCHES BY ROTOTILLING OR OTHER SUITABLE MEASURE FOR SOD AREAS.
3. IN THE EVENT THERE IS ARE DISCREPANCIES BETWEEN THE PLANT SCHEDULE AND THE LANDSCAPE PLANS, THE LANDSCAPE PLANS SHALL TAKE PRECEDENCE.
4. FOR TREE PLANTING WITHIN SOD AREAS, CONTRACTOR SHALL HOLD SOD BACK 18" (3' DIA.) AND INSTALL WOOD MULCH OVER BALL.
5. ALL TREES SHALL BE LOCATED 10' EITHER SIDE OF EXISTING GAS LINE.
6. ALL PLANT MATERIAL SHALL BE APPROVED BY OWNER'S REPRESENTATIVE BEFORE UNLOADING FROM TRUCK. CALL 48 HOURS IN ADVANCE MINIMUM (303)795-6531.
7. PLANT BED MOWSTRIP/EDGING LAYOUT SHOWN IS DIAGRAMMATIC ONLY. CONTRACTOR SHALL FIELD FIT EDGER USING THIS DRAWING AS A BASIS FOR LAYOUT. CONTACT THE OWNER'S REPRESENTATIVE FOR FINAL APPROVAL BEFORE EDGER INSTALLATION. SEE SPECS FOR MATERIALS.
8. TREE AND SHRUB LOCATIONS SHALL BE STAKED FOR APPROVAL PRIOR TO INSTALLATION AND MODIFICATIONS MADE AS DIRECTED BY OWNER'S REPRESENTATIVE.
9. ALL PLANT BED AREAS SHALL BE AMENDED AS NECESSARY TO ALLOW FOR PLANT GROWTH-SEE SPECS. ALL SOD AREAS TO RECEIVE 4" TOPSOIL.
10. THE EXISTING IRRIGATION SYSTEM SHALL BE RETROFITTED TO ACCOMMODATE THE PICKLE BALL COURT AREA, SHELTER, FOUNTAIN, AND ASSOCIATED WALKWAYS. ALL IRRIGATION SHALL MEET SSPRD SPECIFICATIONS. ALL NON-TURF PLANTED AREAS WILL BE BUBBLER IRRIGATED. SODDED/SEEDED AREAS SHALL BE IRRIGATED WITH SPRAY OR ROTOR HEADS AT 100% HEAD-TO-HEAD COVERAGE. AN EXISTING IRRIGATION BACKFLOW AND PUMP SYSTEM IS CURRENTLY IN OPERATION MEETING LOCAL, STATE, AND FEDERAL CODES.

SEED NOTES

'SSPRD TYPICAL GRASS SEED MIX SPEC'
SEEDING RATE: 2 LBS/1000 SQ.FT.

BY WEIGHT	SPECIES
30%	STREAMBANK WHEATGRASS
30%	WESTERN WHEATGRASS 'ARRIBA' OR 'BARTON'
20%	SIDEOATS GRAMA
15%	BLUE GRAMA
5%	BUFFALO GRASS (TREATED)

SEED ESTABLISHMENT NOTES

1. INSTALL PER SOUTH SUBURBAN PARKS AND RECREATION DISTRICT'S TYPICAL SEED SPECIFICATIONS.
2. THE LANDSCAPE CONTRACTOR SHALL SEED ALL NATIVE SEED AREAS AS SOON AS POSSIBLE AFTER COMPLETION OF GRADING OPERATIONS. SOIL PREPARATION MEASURES IN AREAS TO BE SEEDDED SHALL BE COMPLETED PRIOR TO SEEDING.
3. FOR PROPER ESTABLISHMENT, SEED SHALL BE INSTALLED WHEN AT LEAST THREE MONTHS REMAIN IN THE GROWING SEASON. IF LESS THAN THREE MONTHS REMAIN IN THE GROWING SEASON AT THE TIME OF SEEDING, THE LANDSCAPE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT AND OWNER.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ADDITIONAL CORRECTIVE MEASURES, AT HIS OWN COST, TO SATISFY ESTABLISHMENT REQUIREMENTS AND ENSURE TIMELY CLOSEOUT. THESE MEASURES MAY INCLUDE, AT THE OWNER'S OPTION, RESEEDING OF SPARSELY GERMINATED AREAS AND/OR OTHER MEASURES PER SOUTH SUBURBAN PARKS AND RECREATION DISTRICT'S DIRECTION.



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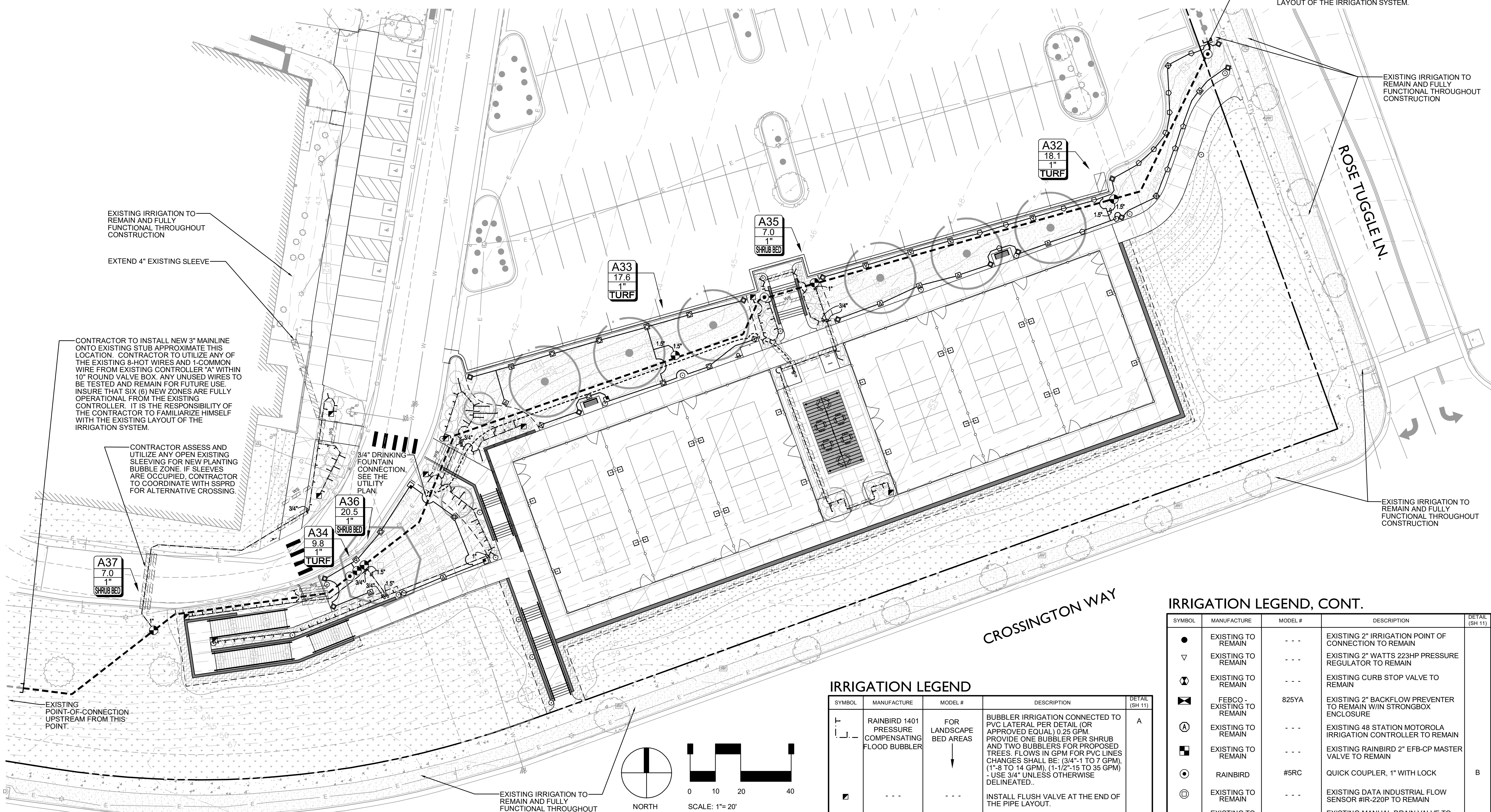


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MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R



CONTRACTOR TO INSTALL NEW 3" MAINLINE ONTO EXISTING STUB APPROXIMATE THIS LOCATION. CONTRACTOR TO UTILIZE ANY OF THE EXISTING 8-HOT WIRES AND 1-COMMON WIRE FROM EXISTING CONTROLLER "A" WITHIN 10' ROUND VALVE BOX. ANY UNUSED WIRES TO BE TESTED AND REMAIN FOR FUTURE USE. INSURE THAT SIX (6) NEW ZONES ARE FULLY OPERATIONAL FROM THE EXISTING CONTROLLER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE EXISTING LAYOUT OF THE IRRIGATION SYSTEM.

EXISTING IRRIGATION TO REMAIN AND FULLY FUNCTIONAL THROUGHOUT CONSTRUCTION

EXISTING IRRIGATION TO REMAIN AND FULLY FUNCTIONAL THROUGHOUT CONSTRUCTION

EXTEND 4" EXISTING SLEEVE

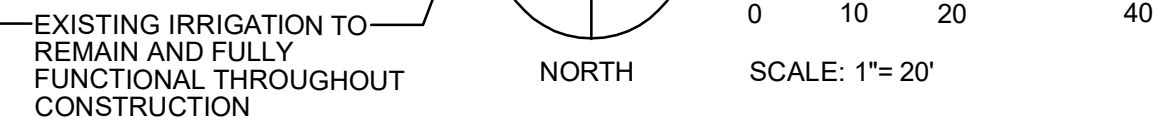
CONTRACTOR TO INSTALL NEW 3" MAINLINE ONTO EXISTING STUB APPROXIMATE THIS LOCATION. CONTRACTOR TO UTILIZE ANY OF THE EXISTING 8-HOT WIRES AND 1-COMMON WIRE FROM EXISTING CONTROLLER "A" WITHIN 10' ROUND VALVE BOX. ANY UNUSED WIRES TO BE TESTED AND REMAIN FOR FUTURE USE. INSURE THAT SIX (6) NEW ZONES ARE FULLY OPERATIONAL FROM THE EXISTING CONTROLLER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH THE EXISTING LAYOUT OF THE IRRIGATION SYSTEM.

CONTRACTOR ASSESS AND UTILIZE ANY OPEN EXISTING SLEEVING FOR NEW PLANTING BUBBLE ZONE. IF SLEEVES ARE OCCUPIED, CONTRACTOR TO COORDINATE WITH SSPRD FOR ALTERNATIVE CROSSING.

3/4" DRINKING FOUNTAIN CONNECTION. SEE THE UTILITY PLAN.

EXISTING IRRIGATION TO REMAIN AND FULLY FUNCTIONAL THROUGHOUT CONSTRUCTION

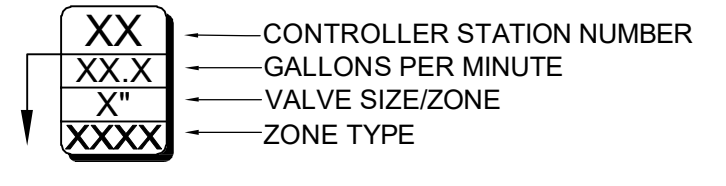
EXISTING POINT-OF-CONNECTION UPSTREAM FROM THIS POINT.



LEGEND

	PROPERTY LINE		EXISTING MAJOR CONTOUR		EXISTING WATER VALVE
	PROPOSED WALL		EXISTING MINOR CONTOUR		EXISTING CONTROL BOX
	EXISTING EASEMENT		PROPOSED CONTOUR		EXISTING GAS METER
	EXISTING CONCRETE		EXISTING BUILDING DOWNSPOUT		EXISTING SANITARY CLEANOUT
	PROPOSED FLATWORK		PROPOSED SIGN ON POST		EXISTING VENT PIPE
	EXISTING CURB & GUTTER		EXISTING SIGN ON POST		EXISTING WATER MANHOLE
	PROPOSED 2-RAIL FENCE		EXISTING CABLE/TV LINE		EXISTING LIGHT POLE
	EXISTING SIDEWALK		EXISTING GAS LINE		EXISTING TRASH CAN
	EXISTING EDGE OF ASPHALT		EXISTING ELECTRICAL LINE		
	PROPOSED CURB & GUTTER		EXISTING WATER LINE		
	PROPOSED FENCE & GATES		EXISTING MANHOLE		
			EXISTING FIRE HYDRANT		
			EXISTING BOLLARD		
			PROPOSED LIGHT POLE		

VALVE KEY DIAGRAM



IRRIGATION LEGEND

SYMBOL	MANUFACTURE	MODEL #	DESCRIPTION	DETAIL (SH 11)
	RAINBIRD 1401	FOR LANDSCAPE BED AREAS	BUBBLER IRRIGATION CONNECTED TO PVC LATERAL PER DETAIL (OR APPROVED EQUAL) @ 0.25 GPM. PROVIDE ONE BUBBLER PER SHRUB AND TWO BUBBLERS FOR PROPOSED TREES. FLOWS IN GPM FOR PVC LINES CHANGES SHALL BE: (3/4"-1 TO 7 GPM), (1"-8 TO 14 GPM), (1-1/2"-15 TO 35 GPM) - USE 3/4" UNLESS OTHERWISE DELINEATED.	A
	---	---	INSTALL FLUSH VALVE AT THE END OF THE PIPE LAYOUT.	
	RAINBIRD 1806	1806 SAM-PRS / HUNTER MP ROTATORS	NOZZLE Q-90° MAROON 14.0°-90° 0.21 40 PSI H-180° MAROON 14.0°-180° 0.42 40 PSI Q-90° BLACK 19.0°-90° 0.43 40 PSI T-135° BLACK 19.0°-135° 0.60 40 PSI H-180° BLACK 19.0°-180° 0.77 40 PSI Q-90° BLUE 30.0°-90° 0.86 40 PSI T-135° BLUE 30.0°-135° 1.34 40 PSI H-180° BLUE 30.0°-180° 1.82 40 PSI	G

NOTES:
 1. USE RADIUS REDUCTION SCREWS ON NOZZLES AS NECESSARY TO ACHIEVE APPROPRIATE RADII COVERAGES.
 2. INSTALL IRRIGATION COMPONENTS PER MANUFACTURER'S RECOMMENDATIONS.
 3. SEE SHEET 11 FOR DETAILS AND NOTES.

IRRIGATION LEGEND, CONT.

SYMBOL	MANUFACTURE	MODEL #	DESCRIPTION	DETAIL (SH 11)
	EXISTING TO REMAIN	---	EXISTING 2" IRRIGATION POINT OF CONNECTION TO REMAIN	
	EXISTING TO REMAIN	---	EXISTING 2" WATTS 223HP PRESSURE REGULATOR TO REMAIN	
	EXISTING TO REMAIN	---	EXISTING CURB STOP VALVE TO REMAIN	
	FEBCO - EXISTING TO REMAIN	825YA	EXISTING 2" BACKFLOW PREVENTER TO REMAIN W/IN STRONGBOX ENCLOSURE	
	EXISTING TO REMAIN	---	EXISTING 48 STATION MOTOROLA IRRIGATION CONTROLLER TO REMAIN	
	EXISTING TO REMAIN	---	EXISTING RAINBIRD 2" EFB-CP MASTER VALVE TO REMAIN	
	RAINBIRD	#5RC	QUICK COUPLER, 1" WITH LOCK	B
	EXISTING TO REMAIN	---	EXISTING DATA INDUSTRIAL FLOW SENSOR #IR-220P TO REMAIN	
	EXISTING TO REMAIN	---	EXISTING MANUAL DRAIN VALVE TO REMAIN	
	WEATHERMATIC	BLACK BULLET MAX SERIES	REMOTE CONTROL VALVE (24 VAC-60HZ) SIZE PER PLAN	C
	ANY APPROVED	ANY APPROVED	EXISTING CLASS 200 SOLVENT PVC MAINLINE PIPE TO REMAIN - 3" UNLESS OTHERWISE DELINEATED	E
	---	---	PROPOSED 3/4" POLYETHYLENE DRINKING FOUNTAIN PIPE, SEE UTILITY PLAN	E
	ANY APPROVED	ANY APPROVED	CLASS 200 SOLVENT PVC LATERAL PIPE - USE 1" UNLESS OTHERWISE DELINEATED. PIPE OVER 1" CL. 200 PVC. PIPE 1" AND UNDER USE CL. 315 PVC.	E
	ANY APPROVED	ANY APPROVED	IRRIGATION SLEEVE, SCH. 40 PVC. TWICE SIZE OF PIPE TO BE INSERTED, ONE SLEEVE PER PIPE	F
	ANY APPROVED	ANY APPROVED	CONTROL WIRING SLEEVE, 2" SCH. 40 PVC. WIRE SLEEVES SHALL CONTAIN NO MORE THAN 25 WIRES.	F

STERLING DESIGN ASSOCIATES
 Civil Engineers | Landscape Architects
 2009 W. Littleton Blvd. #300 Littleton, CO 80120
 303.794.4727 | www.SterlingDesignAssociates.com

PREPARED UNDER THE DIRECT SUPERVISION OF
 JOSEPH L. WILSON, C.D., P.L.A.
 COLORADO REGISTRATION LA-304
 FOR & ON BEHALF OF STERLING DESIGN ASSOCIATES, LLC

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STERLING DESIGN ASSOCIATES, LLC

ISSUES & REVISIONS	NO.	DATE	DESCRIPTION	BY
	1	04/29/2022	1ST SIP REVISION PER CITY COMMENTS	JLW
	2			
	3			
	4			
	5			
	6			

DATE: 03/28/2022	SCALE: 1" = 20'
PROJECT MANAGER: JLW	PROJECT NO.:
DRAWN BY: JLW	DRAWING FILE:

PROJECT:
LONE TREE RECREATION CENTER PICKLE BALL COURTS
 10249 RIDGEGATE CIRCLE
 LONE TREE, CO 80124

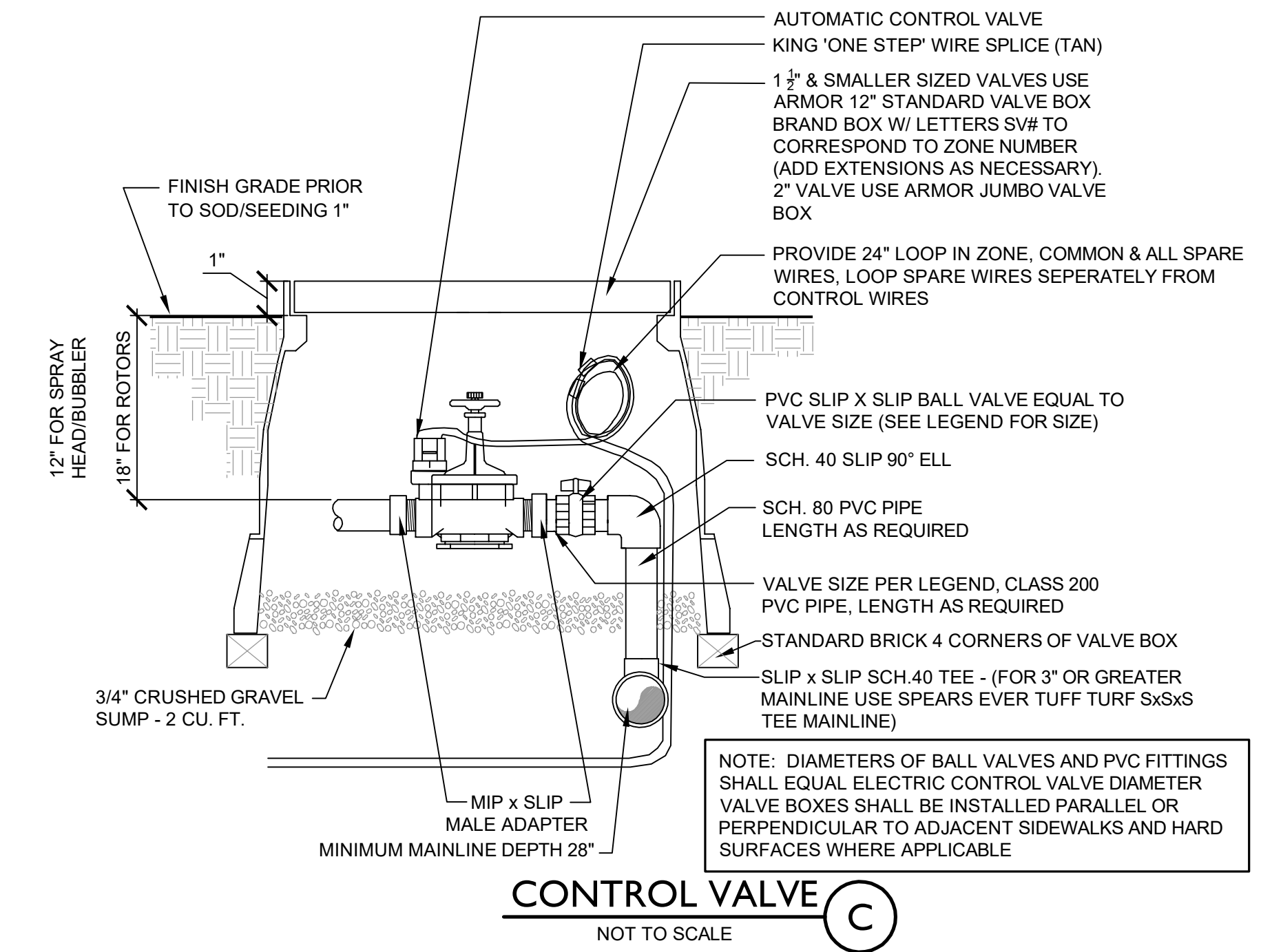
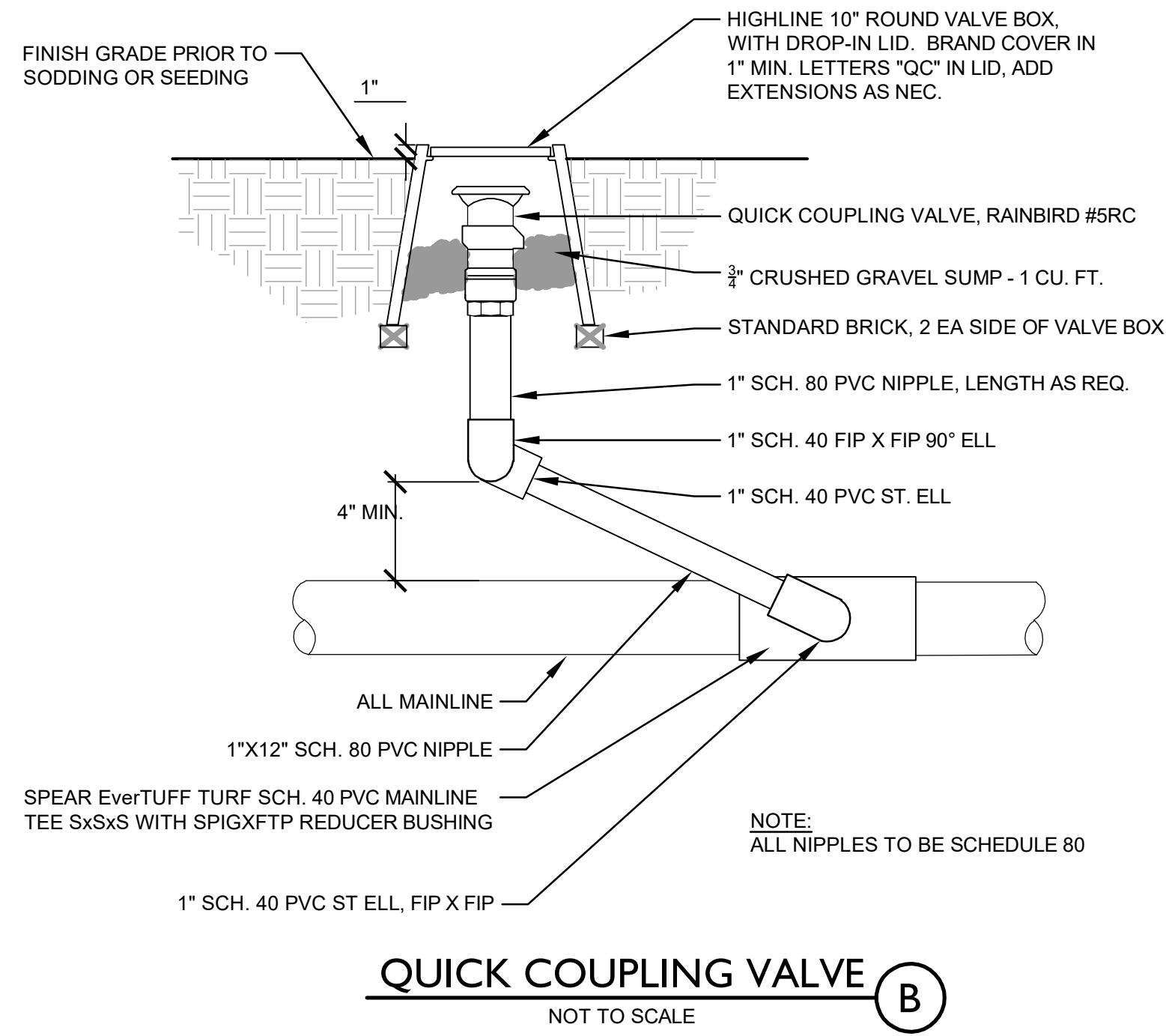
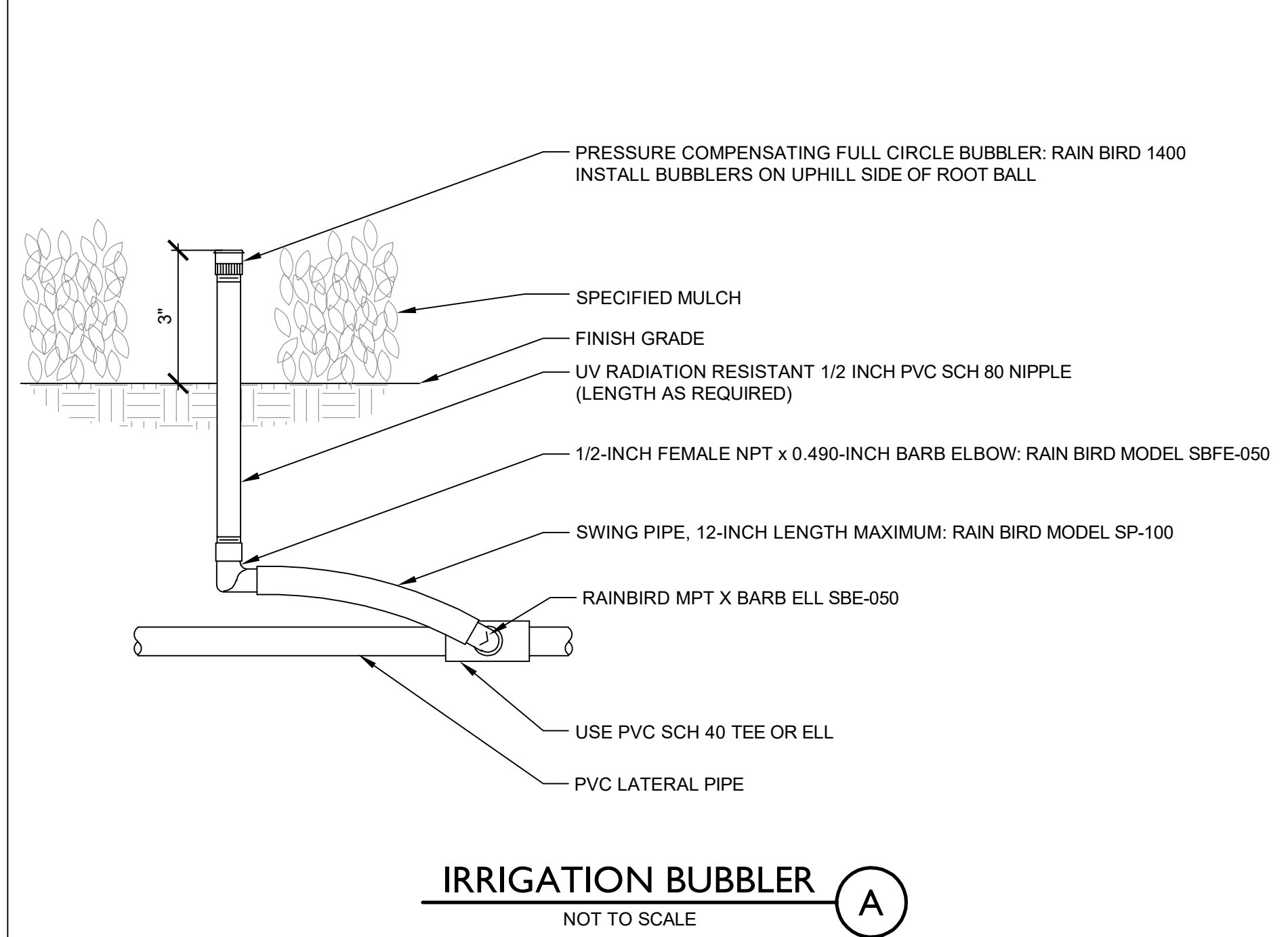
SOUTH SUBURBAN PARKS & RECREATION

CLIENT:
 4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 TEL: (303) 798-5131

SHEET TITLE:
IRRIGATION PLAN

SHEET NUMBER:
10 OF 13

RIDGEGATE - SECTION 15 FILING NO. 3
PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-33R



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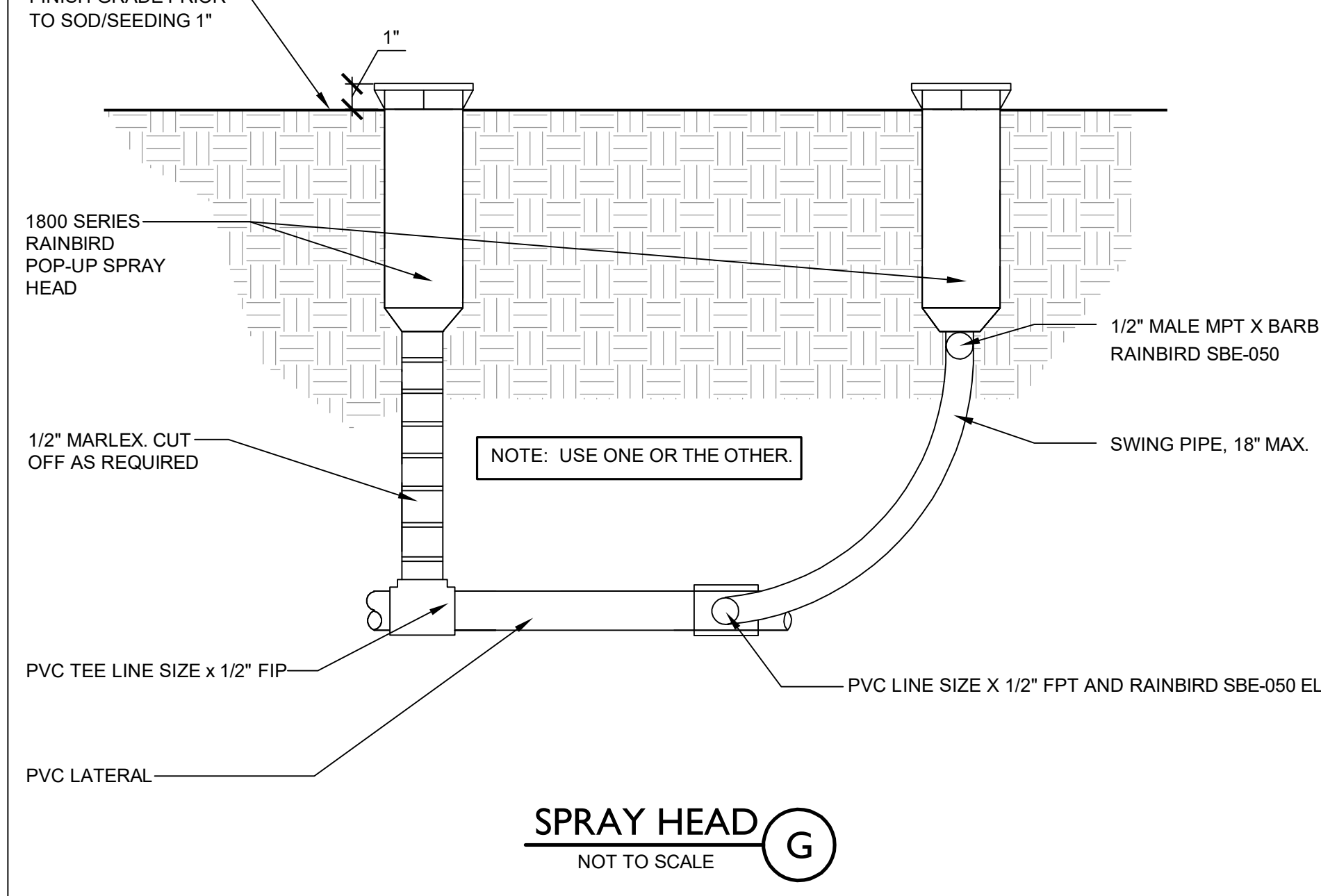
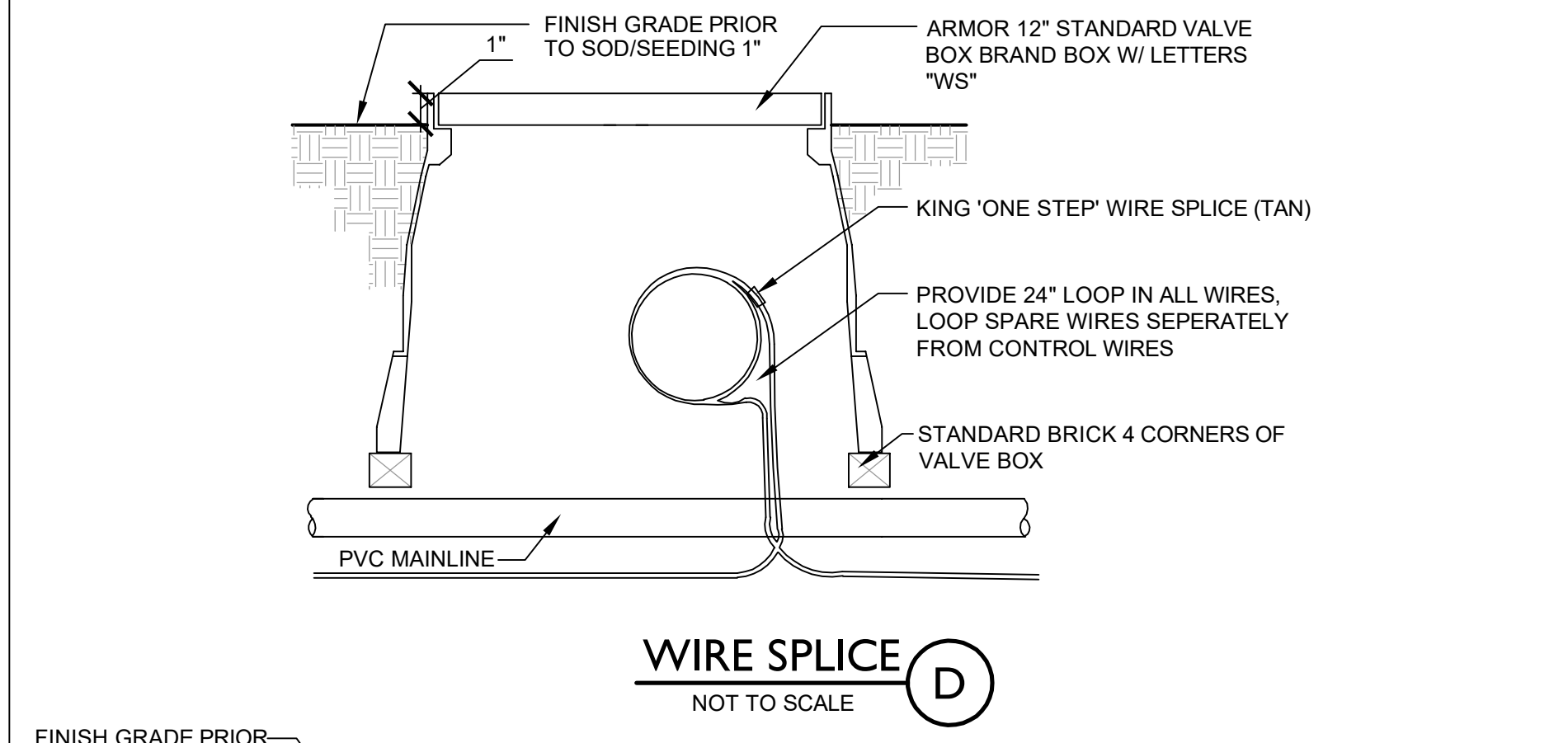
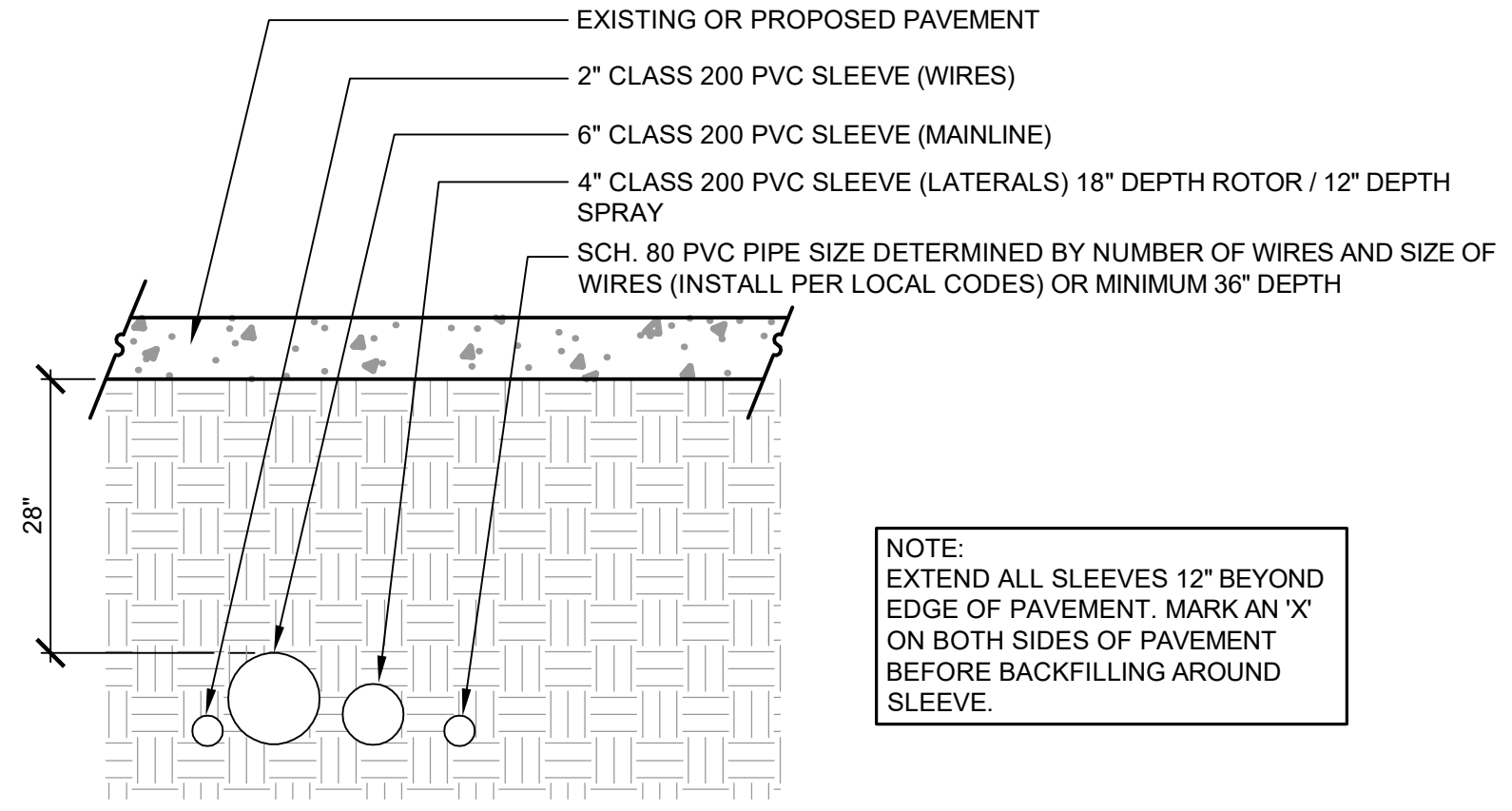
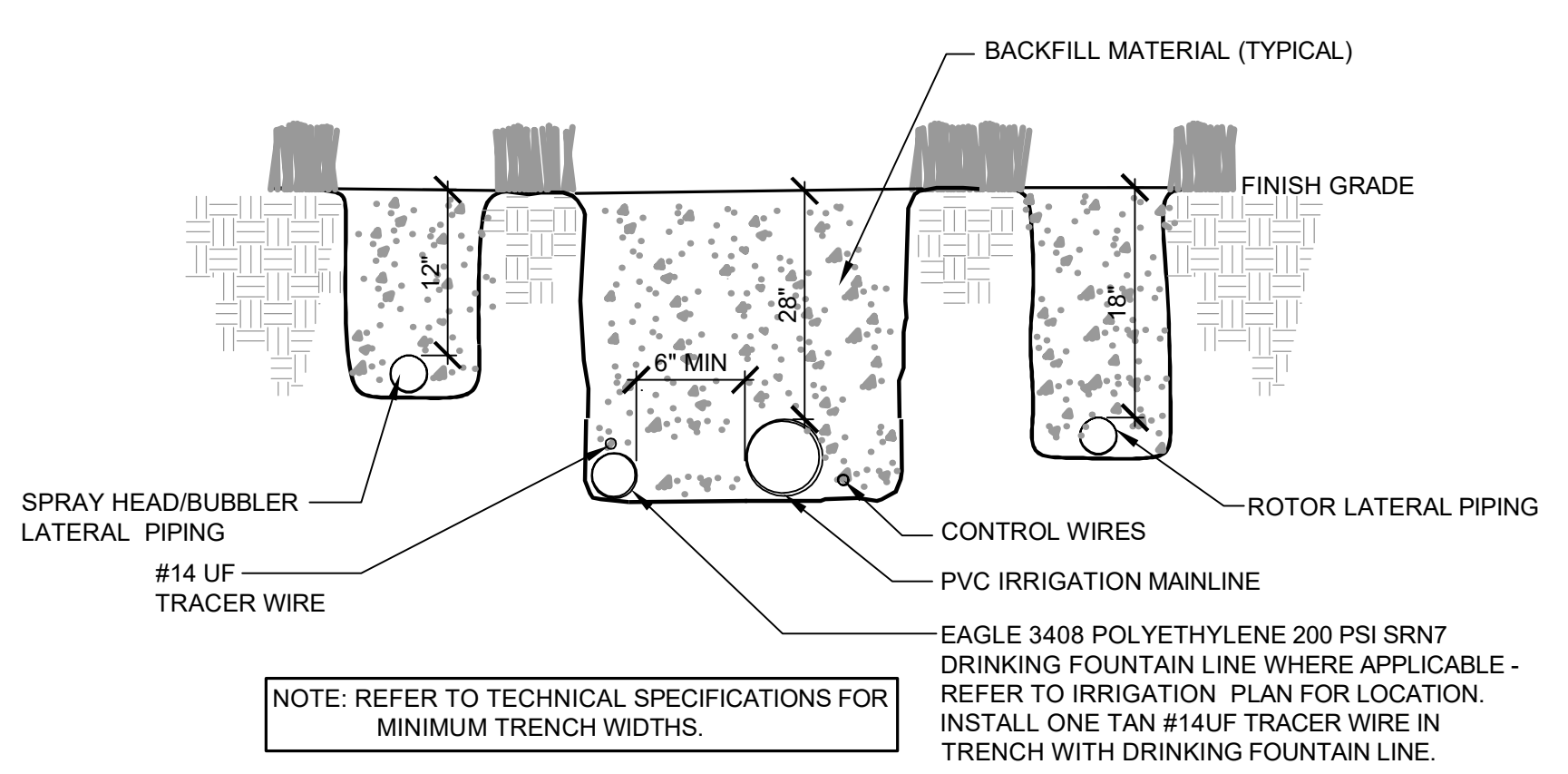
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ISSUES & REVISIONS	NO.	DATE	BY
DESCRIPTION: 1ST SIP REVISION PER CITY COMMENTS	1	04/29/2022	JLW
DESCRIPTION: -	2	-	-
DESCRIPTION: -	3	-	-
DESCRIPTION: -	4	-	-
DESCRIPTION: -	5	-	-
DESCRIPTION: -	6	-	-

DATE	SCALE
03/28/2022	1" = 20'
PROJECT MANAGER: JLW	PROJECT NO.:
DRAWN BY: JLW	DRAWING FILE:

PROJECT:
LONE TREE RECREATION CENTER PICKLE BALL COURTS
10249 RIDGEGATE CIRCLE
LONE TREE, CO 80124

SOUTH SUBURBAN PARKS & RECREATION

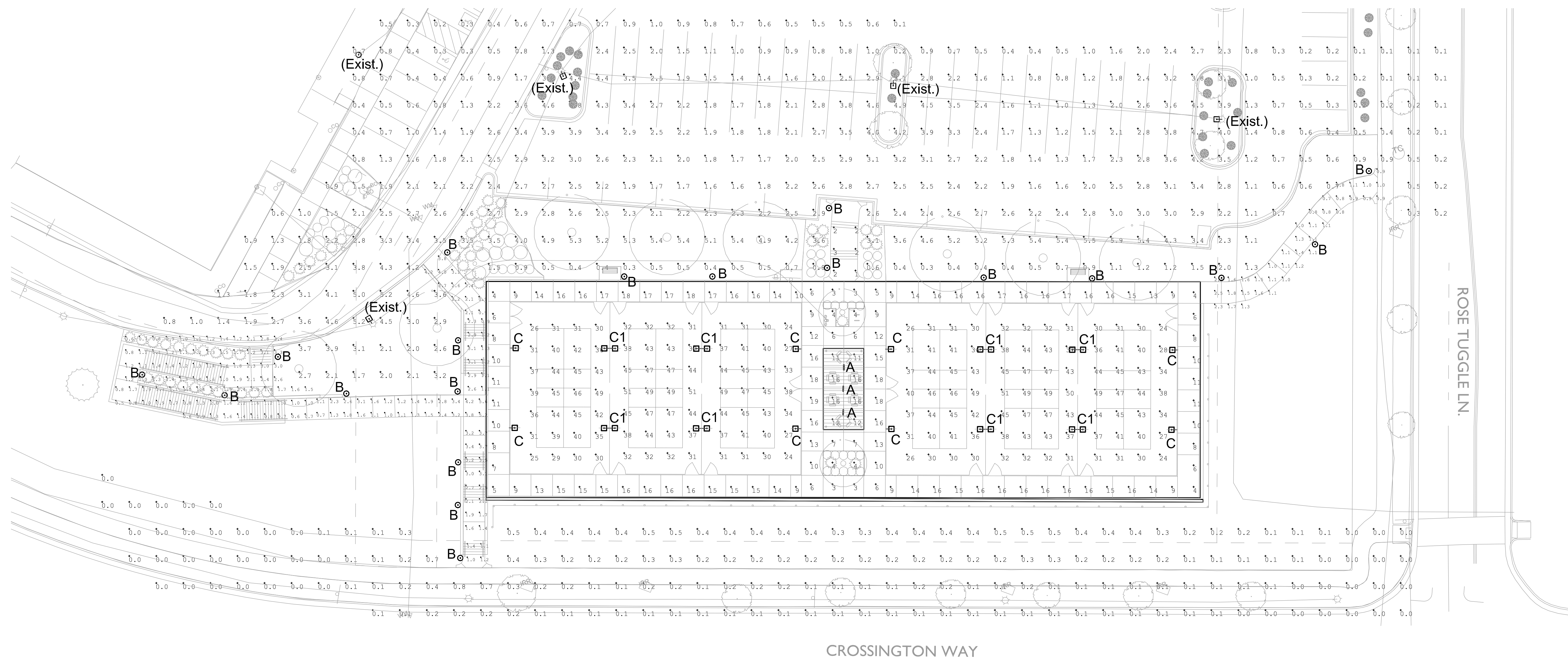
CLIENT:
 4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 TEL: (303) 798-5131



- SSPRD - IRRIGATION NOTES:**
- EXISTING IRRIGATION MAINLINES, HEADS, AND VALVE LOCATIONS ARE APPROXIMATE.
 - EXISTING IRRIGATION SYSTEM HAS ONE (1) 2" COPPER SUPPLY LINE.
 - SYSTEM DESIGNED FOR A STATIC PRESSURE OF 100 PSI. CONTRACTOR SHALL VERIFY PRESSURE AT BACKFLOW LOCATION PRIOR TO STARTING ANY WORK. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY DIFFERENCE IN STATED STATIC PRESSURE.
 - REMOVE AND RETAIN EXISTING IRRIGATION ROTOR HEADS AND TURN OVER ANY EXCESS TO OWNER.
 - REMOVE EXISTING SPRAY HEADS AND TURN OVER TO OWNER.
 - ALL ELECTRICAL CONNECTIONS TO MEET STATE AND LOCAL CODES.
 - CONTRACTOR TO INSTALL 3/4" DRAIN VALVES AT ALL LOW POINTS AND AT THE END OF THE MAINLINE. DRAIN VALVE LOCATIONS TO BE DETERMINED IN THE FIELD BY CONTRACTOR.
 - CONTRACTOR SHALL COORDINATE INSTALLATION OF SLEEVING WITH NEW FLATWORK. ALL SLEEVING IS BY CONTRACTOR. CHISEL AN "X" INTO THE CONCRETE ABOVE SLEEVE LOCATIONS. INSTALL SLEEVING AT 2 TIMES THE PIPE DIAMETER SIZE.
 - CONTRACTOR IS RESPONSIBLE TO FIND EXISTING SLEEVING FOR USE IN NEW IRRIGATION DESIGN.
 - INSTALL LATERAL PIPE SIZE AS ON PLAN. ANY UNMARKED LATERAL PIPE SHALL BE MINIMUM 1" CL. 200 PVC-BE PIPE.
 - INSTALL BUBBLERS ON SWING PIPE OUTSIDE DRIPLINE OF EXISTING TREES. DO NOT TRENCH IN DRIPLINE OF EXISTING TREES.
 - INSTALL 4 ORANGE AND 1 YELLOW WIRE ALONG MAINLINE IN BOTH DIRECTIONS FROM THE CONTROLLER AS EXTRA SPARE WIRES FOR FUTURE VALVES. USE WHITE FOR COMMON WIRES AND RED FOR CONTROL WIRES.
 - ALL ELECTRIC CONTROL VALVES TO BE INSTALLED IN A MIN. 12" STANDARD RECTANGULAR VALVE BOX. INSTALL A 2 CU.FT. MIN. 3/4" ROCK SUMP UNDER EACH VALVE.
 - CONTRACTOR IS RESPONSIBLE TO PROVIDE 100% IRRIGATION COVERAGE FOR ALL PLANT MATERIALS.
 - CONTRACTOR IS RESPONSIBLE TO RESOD ALL AREAS DISTURBED BY CONSTRUCTION.
 - EACH LENGTH OF SLEEVED PIPED SHOWN SHALL BE ROUTED THROUGH A SEPARATE SLEEVE.
 - ALL PIPING TO BE MARKED AND APPROVED BY SSPRD STAFF PRIOR TO ANY TRENCHING. ANY UNAUTHORIZED TRENCHING OR TRENCHING WITHIN THE ROOT AREA OF THE TREES WILL RESULT IN A \$100 PER FOOT FINE TO THE CONTRACTOR.
 - THIS IRRIGATION PLAN IS BASED ON THE AS BUILT INFORMATION DATED 12/13/2002.
 - TRENCHING WITHIN THE DRIPLINE OF LARGE EXISTING TREES SHALL BE PERFORMED BY HAND, AND WITH EXTREME CARE NOT TO SEVER ROOTS 1-1/2" IN DIAMETER AND LARGER. WHERE ROOTS 1-1/2" IN DIAMETER AND LARGER ARE ENCOUNTERED, THE CONTRACTOR SHALL TUNNEL UNDER SAID ROOTS. EXPOSED ROOTS THAT HAVE BEEN TUNNELED UNDER SHALL BE WRAPPED IN WET BURLAP AND KEPT MOIST WHILE THE TRENCH IS OPEN.

RIDGEGATE - SECTION 15 FILING NO. 3
PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-XX

Lone Tree Pickleball - Luminaire Schedule											
Key	Wattage, LED Color	Delivered Lumens	Driver & Dimming	Description	Finish	Mount	Manufacturer	Specification Catalog Number	Volt	Max Input Wattage	Notes
A	21 4000K	2304	INTEGRAL DRIVER	26.1" X 4.3" X 2.7" TALL LED WITH INTEGRAL DRIVER AND LIFETIME VANDAL RESISTANT WARRANTY OPAL LENS	TO BE DETERMINED	SURFACE	LUMINAIRE LED	VPF4-2FT-MIN10-20W-40K-120-OP-XX	120	21	
B	21 5100K	1228	INTEGRAL DRIVER	POST TOP LED WITH STRAIGHT HOOD, TYPE 5 DISTRIBUTION AND MOUNTED ON 12' TALL STEEL POLE	MATCH EXISTING	POLE ON CONCRETE BASE	ARCHITECTURAL AREA LIGHTING	SP2-LED-GLA-STR-18LED-BW 12' ROUND STEEL POLE	208	21	
C	176W 5000K	26,393	INTEGRAL DRIVER	31.3" X 13.5" COURT SINGLE HEAD LED COURT LIGHTING LUMINAIRE AND 22 FT TALL STEEL POLE	TO BE DETERMINED	POLE ON CONCRETE BASE	LSI	(1) ZNM-24L-CT-UNV-50-XX 22 FT ROUND STEEL POLE	208	176	
C1	(2) AT 176W 5000K	(2) AT 26,393	INTEGRAL DRIVER	31.3" X 13.5" COURT DOUBLE HEAD LED COURT LIGHTING LUMINAIRE AND 22 FT TALL STEEL POLE	TO BE DETERMINED	POLE ON CONCRETE BASE	LSI	(2) ZNM-24L-CT-UNV-50-XX 22 FT ROUND STEEL POLE	208	352	



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CENTER COURT PLAZA	Illuminance	Fc	10.28	19	3	3.43	6.33
COURT 1	Illuminance	Fc	37.18	49	25	1.49	1.96
COURT 2	Illuminance	Fc	40.82	51	31	1.32	1.65
COURT 3	Illuminance	Fc	36.86	49	24	1.54	2.04
COURT 4	Illuminance	Fc	37.46	49	26	1.44	1.88
COURT 5	Illuminance	Fc	40.71	51	31	1.31	1.65
COURT 6	Illuminance	Fc	36.62	49	24	1.53	2.04
EAST COURT SIDEWALKS	Illuminance	Fc	12.84	17	4	3.21	4.25
EAST SIDEWALK	Illuminance	Fc	1.23	2.5	0.7	1.76	3.57
LOWER WEST RAMP	Illuminance	Fc	1.61	3.4	0.6	2.68	5.67
MID SOUTH STAIRS	Illuminance	Fc	2.00	2.7	1.4	1.43	1.93
MIDDLE WEST RAMP	Illuminance	Fc	1.30	2.4	0.5	2.60	4.80
NORTH CENTRAL STAIRS	Illuminance	Fc	2.00	3	1	2.00	3.00
NORTH SITE AREA	Illuminance	Fc	2.05	5.9	0.1	20.50	59.00
NORTH SOUTH STAIRS	Illuminance	Fc	3.35	3.7	3.0	1.12	1.23
NORTH WEST STAIRS	Illuminance	Fc	1.98	3.1	0.9	2.20	3.44
SOUTH SITE AREA	Illuminance	Fc	0.16	0.8	0.0	N.A.	N.A.
UPPER SOUTH STAIRS	Illuminance	Fc	1.18	1.4	1.0	1.18	1.40
UPPER WEST RAMP	Illuminance	Fc	2.25	5.6	0.7	3.21	8.00
WEST COURT SIDEWALK	Illuminance	Fc	13.00	18	4	3.25	4.50
WEST STAIR ENTRY	Illuminance	Fc	2.67	4.2	0.9	2.97	4.67

CROSSINGTON WAY

SITE PHOTOMETRIC PLAN

SCALE: 1" = 20'

1

E1.0

NORTH

ackerman engineering, inc
 3000 Youngfield St, Suite 264, Wheat Ridge, Colorado 80215
 P 303-278-7297 / F 303-278-9009 / www.aecconsulting.com

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 Civil Engineers | Landscape Architects
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DESCRIPTION: -		

DATE: **03/28/2022** SCALE: **1" = 20'**
 PROJECT MANAGER: **HR** PROJECT NO.: -
 DRAWN BY: **MR** DRAWING FILE: -

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LONE TREE, CO 80124

SOUTH SUBURBAN PARKS & RECREATION
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SHEET TITLE:
PHOTOMETRICS PLAN

SHEET NUMBER:
12 OF 13

RIDGEGATE - SECTION 15 FILING NO. 3
PLANNING AREA OS NO. 21
MAJOR AMENDMENT SITE IMPROVEMENT PLANS
SIP #SP22-XX



SPECIFICATIONS

Description The Vision VPF4 series features an all aluminum, ligature resistant construction which allows it to be used in nearly any environmental condition. Designed in conjunction with an ophthalmologist, the polycarbonate lens provides complete control of glare and LED image while maintaining the high efficiency of clear optical material. The Vision VPF4 series can be row mounted to any length. Natarium finish is standard for all versions of this fixture.

Housing Marine grade heat treated extruded aluminum. Finished with Super Durable Corrosion Resistant powder coat (SDCR) that meets AAMA 2605 high performance specification, providing superior UV durability and corrosion resistance. Salt spray test: 4,000 hours.

Lens Extruded UV stabilized polycarbonate with integral prisms. Maximum wall thickness 0.160". Secured to housing with die cast aluminum clamps and stainless steel TORX® head screws.

End Caps Die cast marine grade aluminum with conduit knockouts that are visible from interior of end cap.

Drivers Dimming to 1%, 10% or Programmable Lumen Output driver options. Non-Dimming Driver is also available.

LED Samsung LM561B+ series @ 2700K, 3000K, 3500K, 4000K, or 5000K and 82 CRI wired in parallel-series. L₉₀ projected life of over 130,000 hours at 50 °C.

UL Listing U.L., C.U.L. Damp Location Listing standard, Wet Location Listing optional.

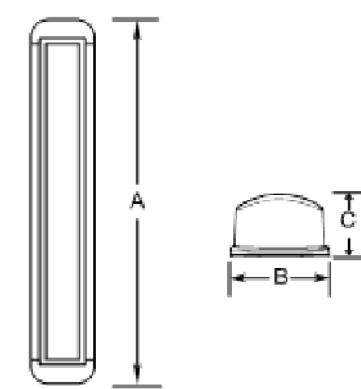
Buy American Luminaire LED, LLC products are assembled in the USA. Our products meet the Buy American government procurement requirements under FAR, DFARS, and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty Lifetime warranty against vandalism. Luminaire LED will repair or replace any fixture damaged due to vandalism for the lifetime of the installation. 10-year warranty on LED boards against operational defects. Tested in accordance with LM-80.

Note Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

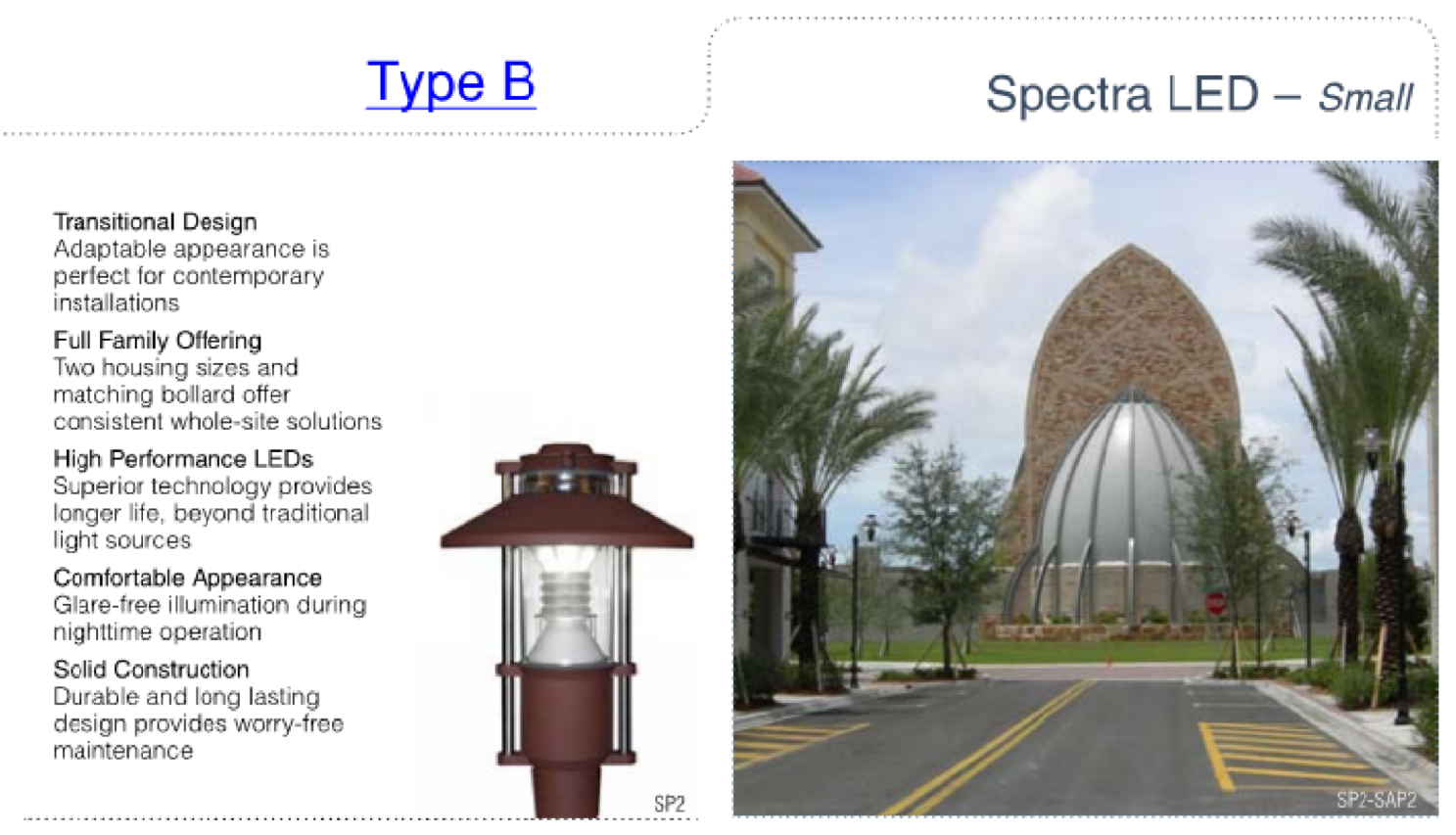
DIMENSIONAL DATA

	A	B	C
VPF4 1FT	15.50	4.35	2.70
VPF4 2FT	28.10	4.35	2.70
VPF4 3FT	37.88	4.35	2.70
VPF4 4FT	49.69	4.35	2.70



One Ultronix Way, Corvallis, GA 30612 | 1.800.705.5274 (7378) | www.luminaireled.net
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LUMINAIRE-LED-VISION-VPF4-LED
 Rev: 07/01/21
 Page 1 of 4



ORDERING INFORMATION

1. LUMINAIRE SP2 Spectra LED - Small Scale Housing	2. HOOD ANG - Angled Hood FLR - Flare Hood STR - Straight Hood DBL - Double Hood
3. LENS ELEMENT GLA - Frosted glass diffuser	4. LED/DRIVER 18LED-BW 18 LED array. (20.9 total input watts). Bright white (5100K). 120 thru 277 volt. Symmetric distribution. 18LED-WW 18 LED array. (20.9 total input watts). Warm white (3500K). 120 thru 277 volt. Symmetric distribution. 9LED-BW 9 LED array. (12.2 total input watts). Bright white (5100K). 120 thru 277 volt. Asymmetric distribution. 9LED-WW 9 LED array. (12.2 total input watts). Warm white (3500K). 120 thru 277 volt. Asymmetric distribution.
5. HOOD FINISH (OPTIONAL) STS - Stainless steel COP - Natural copper Hood underside is painted white	6. COLOR All 13 standard and 4 premium AAL colors available. For custom colors, please submit a 4-digit RAL number.
8. MOUNTING AWM2 - Wall mounted arm for SP2 SAP2 - Arm mount for SP2. Designed to slip over a 47100mm O.D. pole. TAP2 - Twin arm mount for SP2. Designed to slip over a 47100mm O.D. pole.	7. OPTIONS AD4 - SP2 installs over a 3775mm O.D. pole. This adaptor installs between the fixture and a 47100mm O.D. pole. LDL - Lightly diffused lens

Ordering Information Example

1. LUMINAIRE	2. HOOD	3. LENS	4. LED/DRIVER	5. HOOD FINISH	6. COLOR	7. OPTIONS	8. MOUNTING
SP2	ANG	GLA	18LED-BW	COP	BLK	-	SAP2

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 ARCHITECTURAL AREA LIGHTING
 16555 East Gale Ave. | City of Industry | CA 91745
 P 626.968.5666 | F 626.369.2695 | www.aal.net

Catalog #: _____ Project: _____
 Prepared By: _____ Date: _____ Type: _____

ZONE™ Medium (ZNM)
 Outdoor Sports Light



IP66 IK08 Type C & C1

OVERVIEW

Lumen Output	24,000 - 48,000
Wattage	176 - 401
Efficacy Range (LPW)	122 - 150
Weight lbs (kg)	30 (13.6)

QUICK LINKS

- Ordering Guide
- Performance
- Photometrics
- Dimensions

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 37 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, SW, FT, FTA and AM.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 95%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377.
- Minimum CRI of 70
- Integral louver (L) and house-side shield (H) options available for improved backlight control without sacrificing street side performance. See page 3 for more details.

Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L90 Calculated Life: >100k Hours (See Lumen Maintenance on Page 3)
- Total harmonic distortion: <20%
- Operating temperature: 24L to 36L: -40°C to +50°C (-40°F to +122°F). 42L and 48L: -40°C to +40°C (-40°F to +104°F)
- Power factor: >90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7. (see page 8 for more details).

Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block (accepts up to 12 ga. wires) and 5' dimming and power leads extended to the housing exterior.
- Utilizes LSI's B3 drill pattern for easy fastening of LSI products.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsiindustries.com/resources/terms-and-warranty.aspx> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1
- 3G rated for ANSI C136.3 high vibration applications applications are qualified.
- IK08 rated luminaire per IEC 60622 mechanical impact code.
- DesignLights Consortium™ (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/CPL to confirm which versions are qualified.
- Patented Silicone Optics (US Patent NO. 10,816,165 B2)

ackerman engineering, inc
 3000 Youngfield St, Suite 264, Wheat Ridge, Colorado 80215
 P 303-278-7297 / F 303-278-9009 / www.aecconsulting.com

STERLING DESIGN ASSOCIATES
 Civil Engineers | Landscape Architects
 2009 W. Littleton Blvd. #300 Littleton, CO 80120
 303.794.4727 | www.SterlingDesignAssociates.com

PRELIMINARY
NOT FOR CONSTRUCTION

STERLING DESIGN ASSOCIATES, LLC

ISSUES & REVISIONS

NO.	DATE	DESCRIPTION	BY
NO: 1	DATE: -	DESCRIPTION: -	BY: -
NO: 2	DATE: -	DESCRIPTION: -	BY: -
NO: 3	DATE: -	DESCRIPTION: -	BY: -
NO: 4	DATE: -	DESCRIPTION: -	BY: -
NO: 5	DATE: -	DESCRIPTION: -	BY: -
NO: 6	DATE: -	DESCRIPTION: -	BY: -

DATE: 03/28/2022	SCALE: 1" = 20'
PROJECT MANAGER: HFR	PROJECT NO: -
DRAWN BY: MR	DRAWING FILE: -

PROJECT:
LONE TREE RECREATION CENTER PICKLE BALL COURTS
 10249 RIDGEGATE CIRCLE
 LONE TREE, CO 80124



4810 E. COUNTY LINE RD.
 LITTLETON, CO 80126
 TEL: (303) 798-5131

SHEET TITLE:
LIGHTING CUTSHEETS

SHEET NUMBER:
13 OF 13

LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 • www.lsi-industries.com
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 SPEC.1062.A.8020



LEDGESTONE BLOCK FACADE



LEDGESTONE SERIES BLOCKS

5084 (Orange)

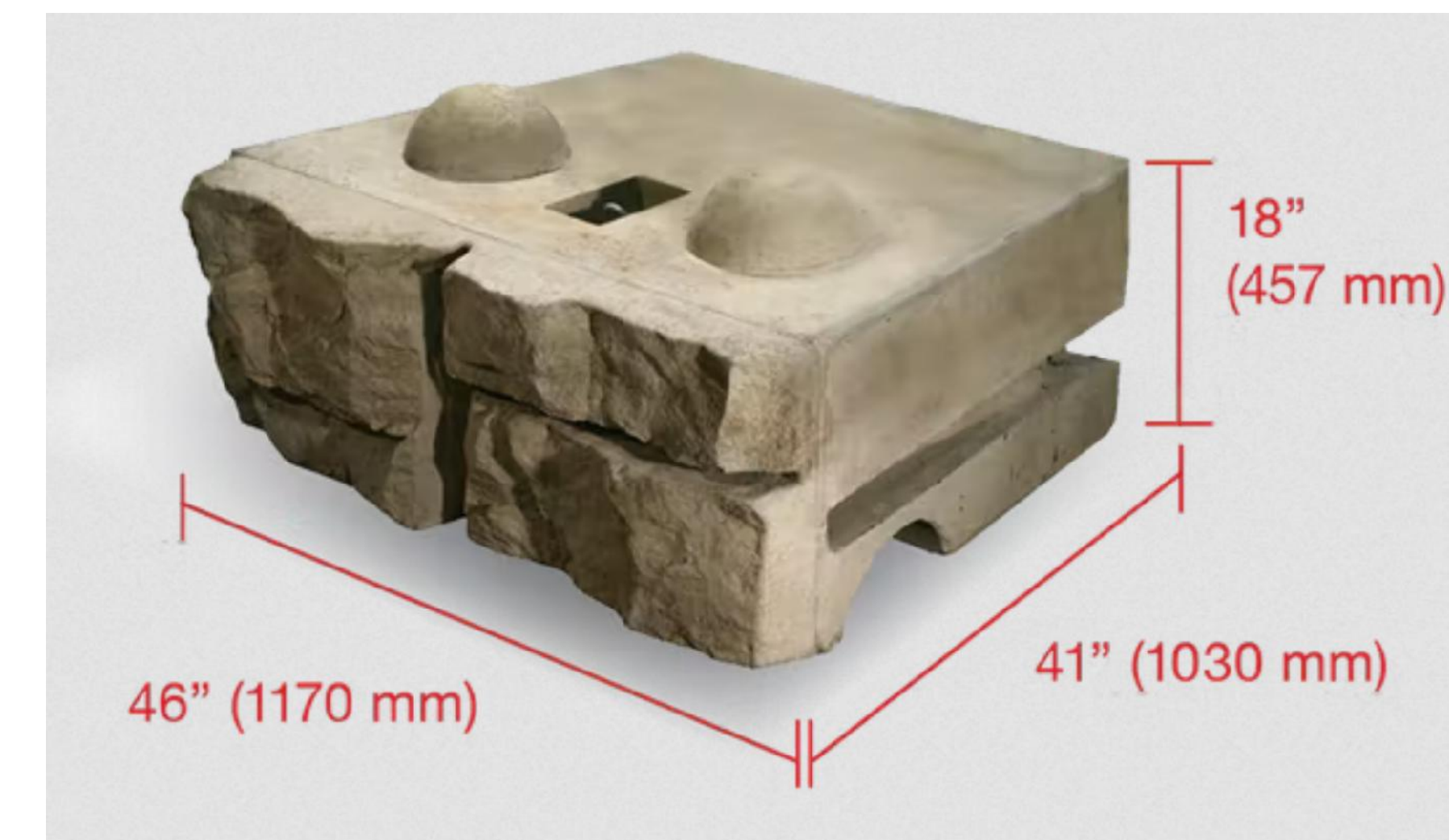


LEDGESTONE COLOR SELECTION

NOTE: REDI-ROCK COLORS ARE FORMULATED BASED UPON LOCAL REGION. SSPRD ANTICIPATE WORKING WITH CITY OF LONE TREE TO MATCH DISTRICT COLOR SPECIFICATION AS WELL AS CITY, LOCAL, AND ADJACENT ARCHITECTURE.

**REDI-ROCK
LEDGESTONE SERIES**

2940 PARKVIEW DRIVE
PETOSKEY, MI 49770
PHONE: +1 (866) 222-8400
EMAIL: INFO@REDI-ROCK.COM



LEDGESTONE STANDARD BLOCK SIZE

LONE TREE RECREATION CENTER - PICKLE BALL COURTS
RETAINING WALL MATERIAL BOARD



46" SQUARE PICNIC TABLE (A)
PRE-FABRICATED / DIAMOND PATTERN / BLACK COLOR



ADA 46" OCTAGON PICNIC TABLE (B)
PRE-FABRICATED / DIAMOND PATTERN / BLACK COLOR



6' BENCH W/ BACK (C)
PRE-FABRICATED / RIB MATERIAL / BLACK COLOR



'U' BIKE RACK SURFACE MOUNT (D)
PRE-FABRICATED / 3M ROUND SURFACE MOUNT / BLACK COLOR



TRASH/RECYCLE PAD (E)
GREEN/BLUE CAN COLOR CHAINED TO A 2" ROUND, 4' HIGH GALVANIZED STEEL BOLLARD WITH CAP



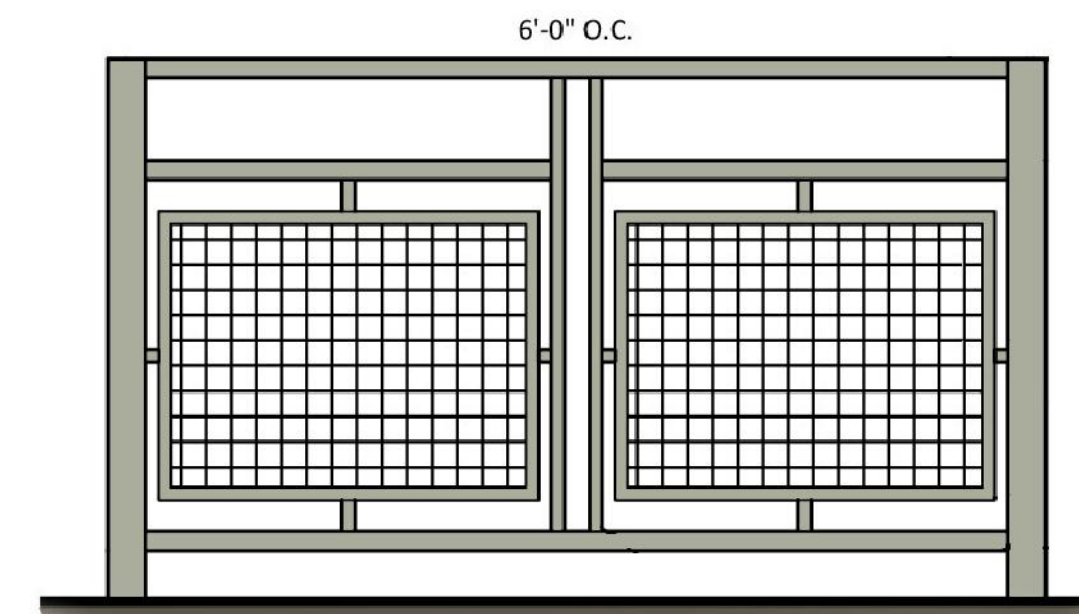
DRINKING FOUNTAIN (F)
PRE-FABRICATED / WITH BOTTLE FILLER AND DOG BOWL / BLACK COLOR



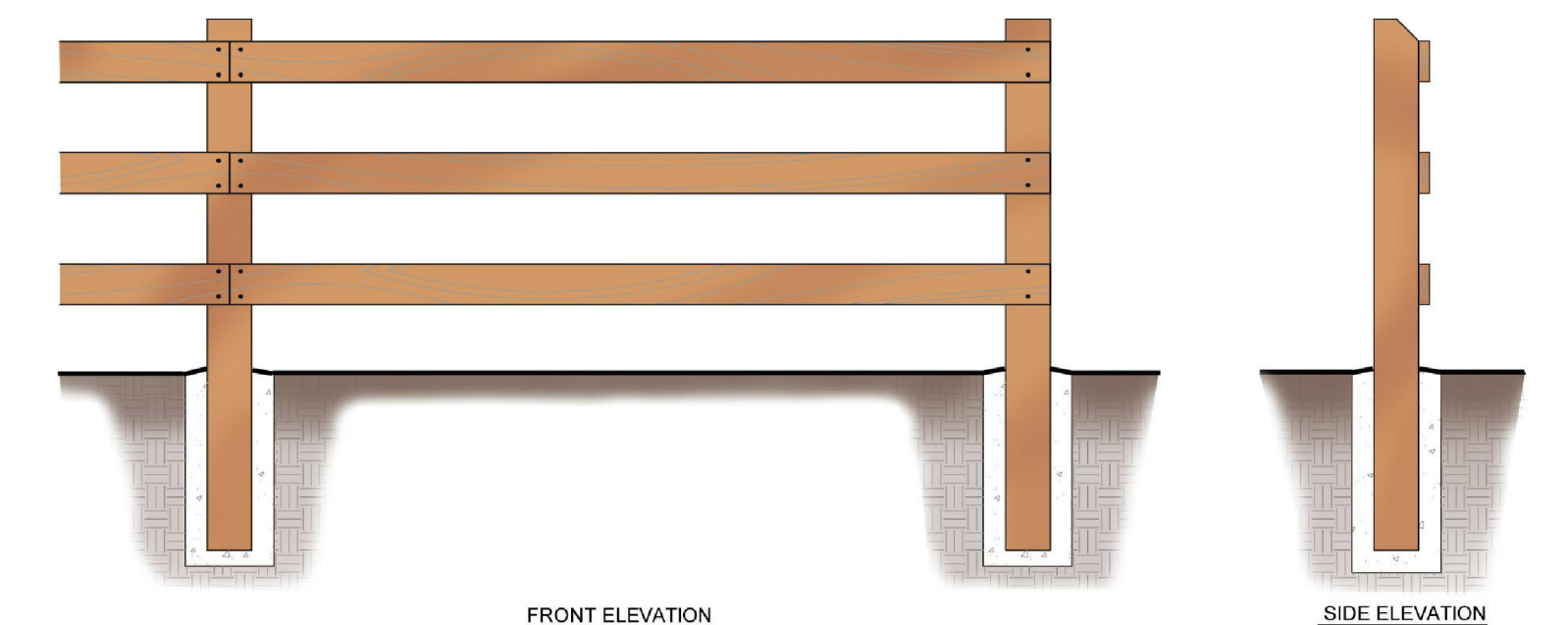
ACOUSTIFENCE (G)
SOUND BARRIER INSULATION / GREEN COLOR



COURT CHAIN LINK FENCE (H)
CHAIN LINK / BLACK COLOR COAT



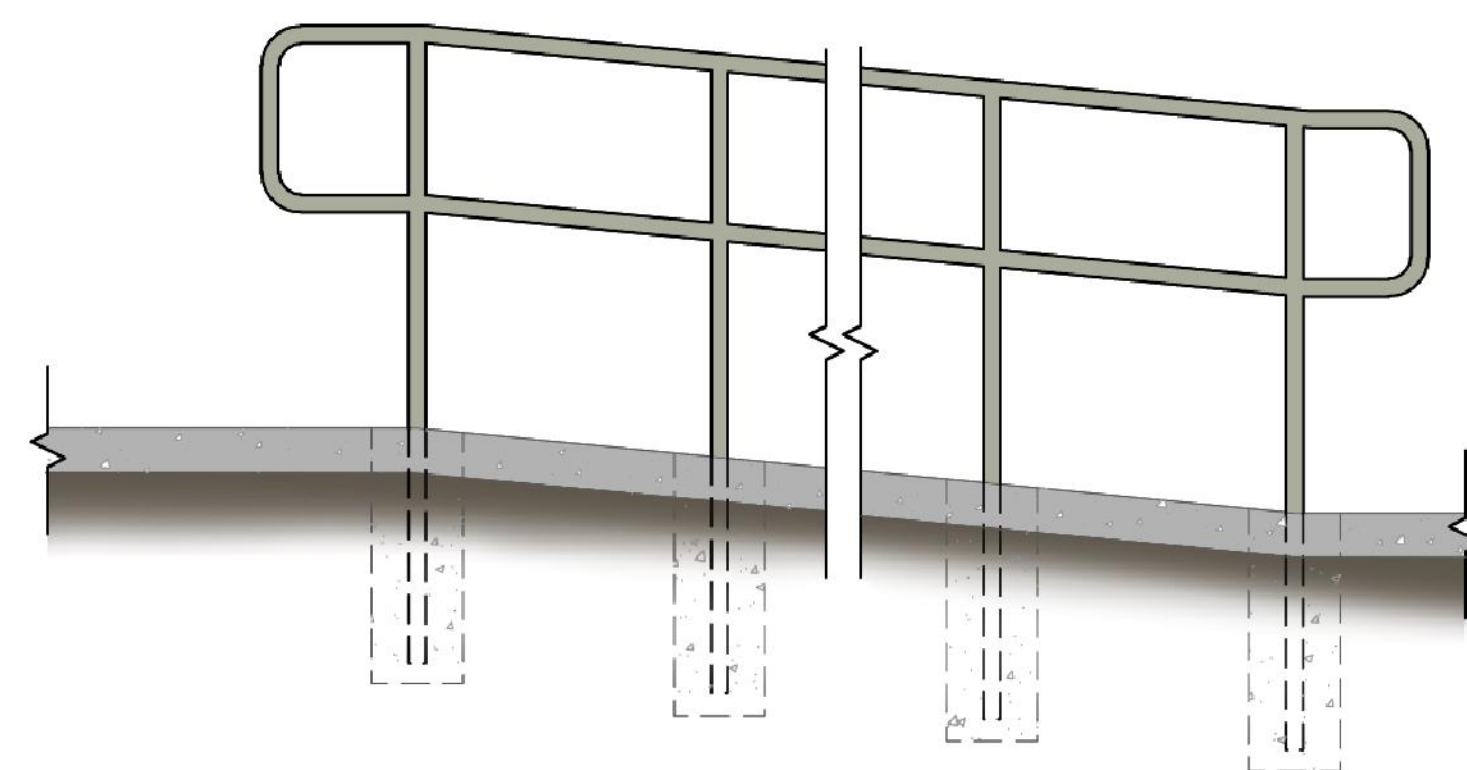
42" TYPICAL GUARDRAIL (I)
CUSTOM GALVANIZED TUBE RAILING / GREEN MOSS COLOR TO MATCH EXISTING ARCHITECTURE



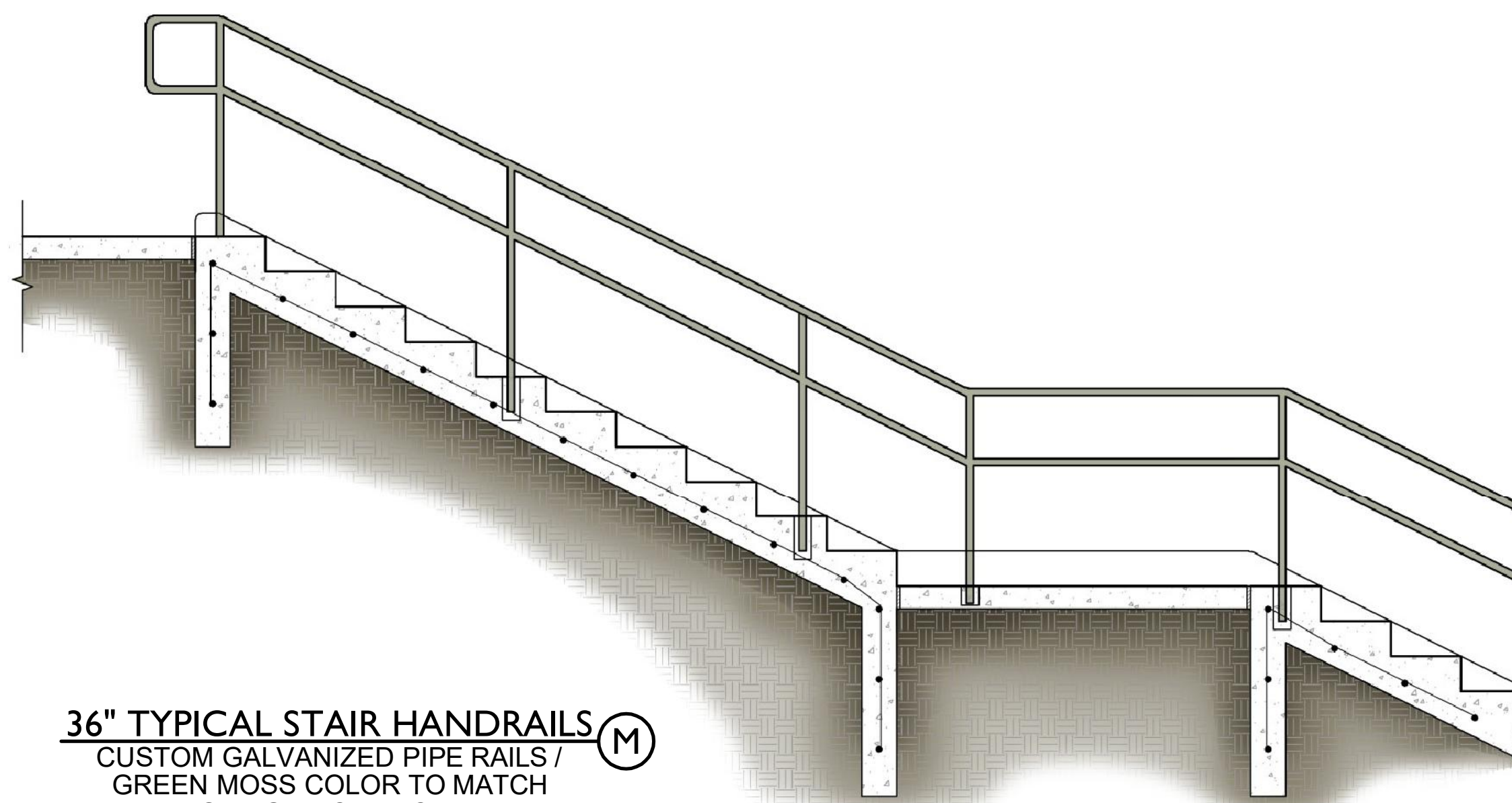
48" THREE-RAIL CEDAR FENCE (J)
ROUGH SAWN CEDAR FENCE / NATURAL CEDAR COLOR



PET WASTE STATION (K)
MINI STATION / GREEN COLOR



36" TYPICAL RAMP HANDRAILS (L)
CUSTOM GALVANIZED PIPE RAILS / GREEN MOSS COLOR TO MATCH EXISTING ARCHITECTURE



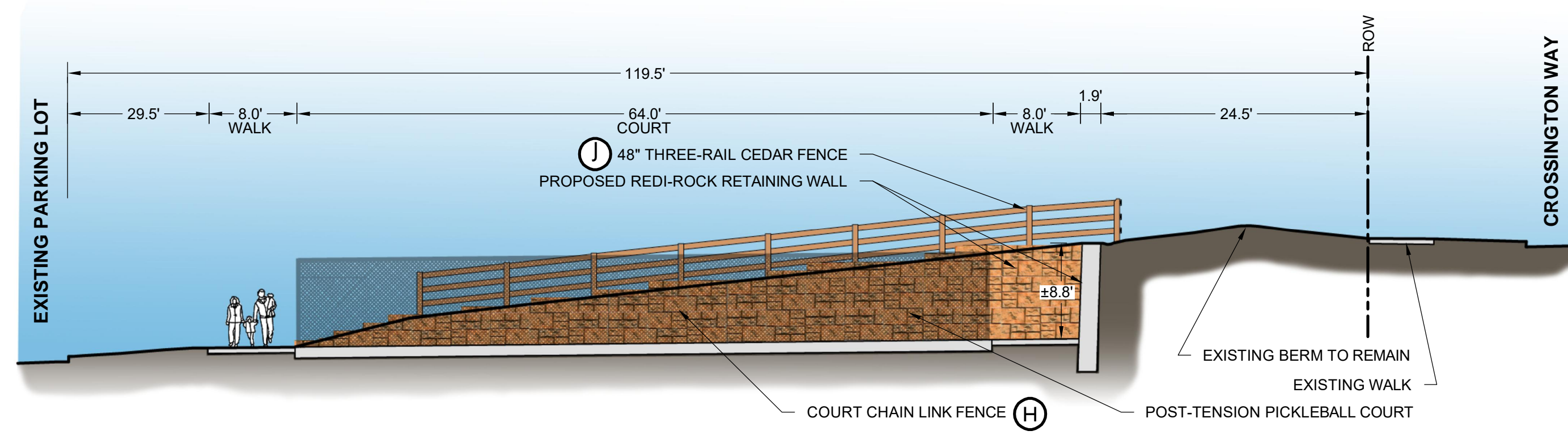
36" TYPICAL STAIR HANDRAILS (M)
CUSTOM GALVANIZED PIPE RAILS / GREEN MOSS COLOR TO MATCH EXISTING ARCHITECTURE



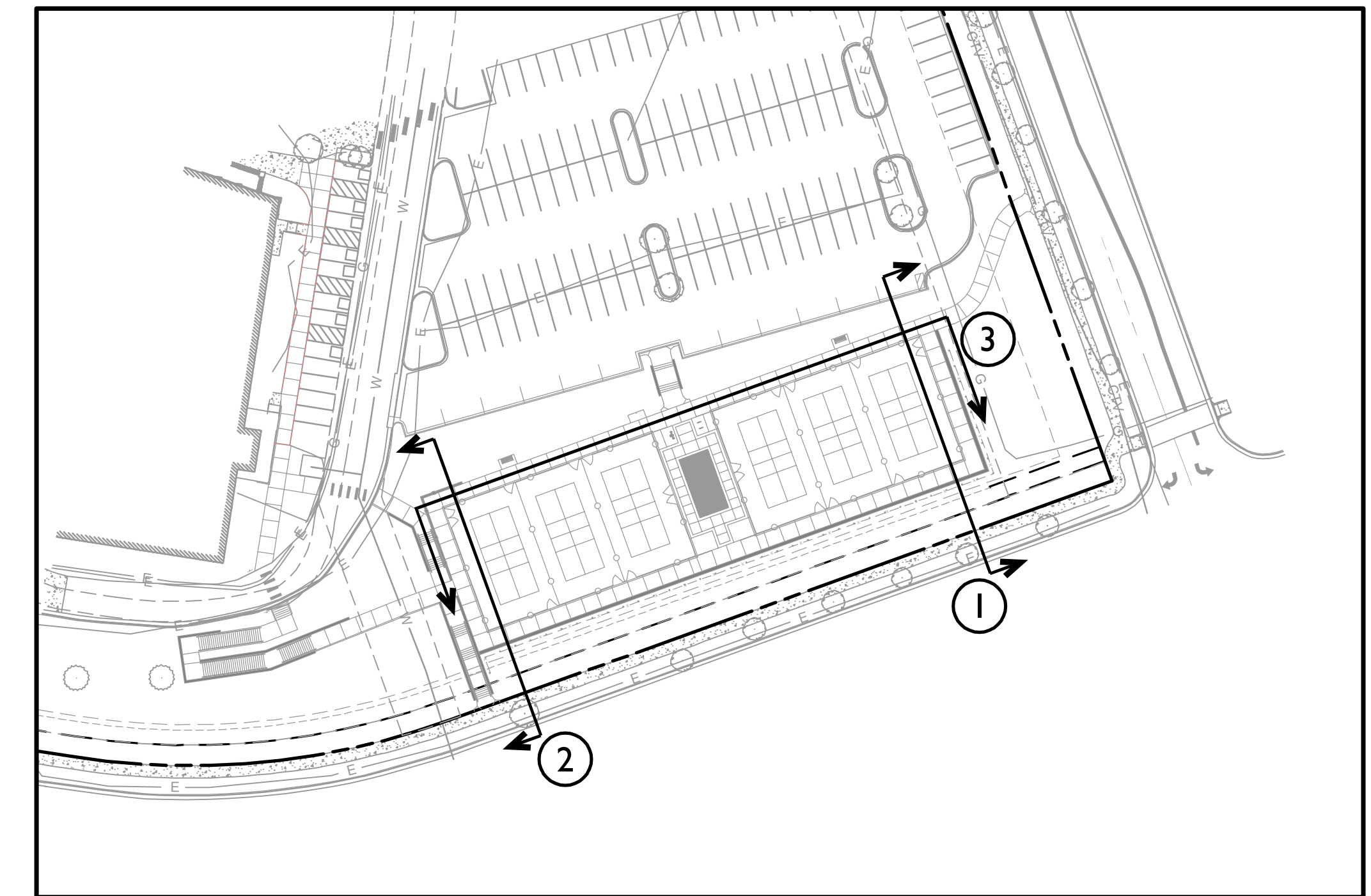
14' X 30' ICON SHELTER (N)
PRE-FABRICATED / SURFACE MOUNT / ROOF PANEL COLOR: ROMAN BLUE / TUBE STEEL POLE COLOR: ASH GRAY / MEDALLION-LOK STANDING SEAM PANEL PROFILE TO MATCH EXISTING ARCHITECTURE

LONE TREE RECREATION CENTER - PICKLE BALL COURTS

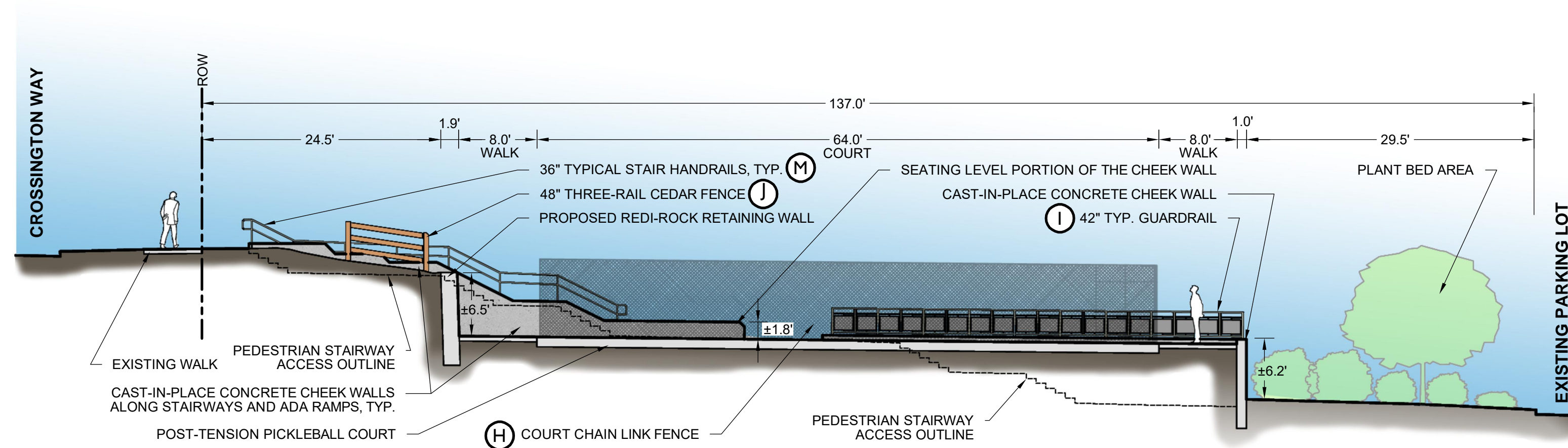
SITE AMENITIES MATERIALS BOARD



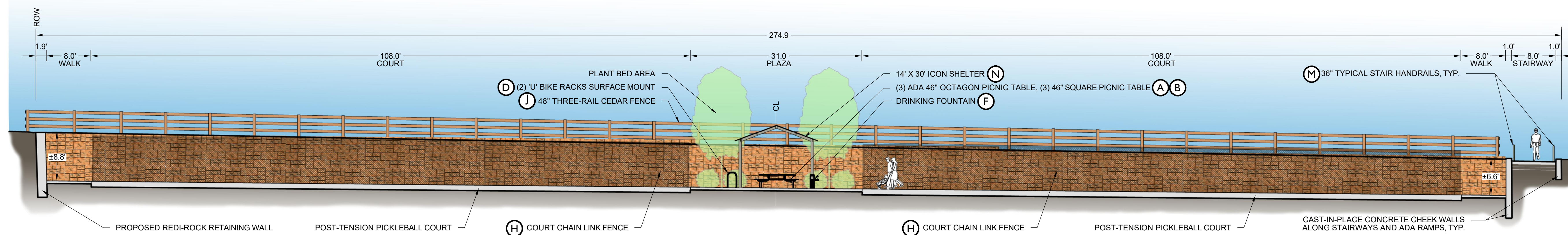
EASTERN RETAINING WALL ELEVATION ①
SCALE: 1' = 10'



RETAINING WALL ELEVATION KEY MAP
SCALE: 1' = 60'



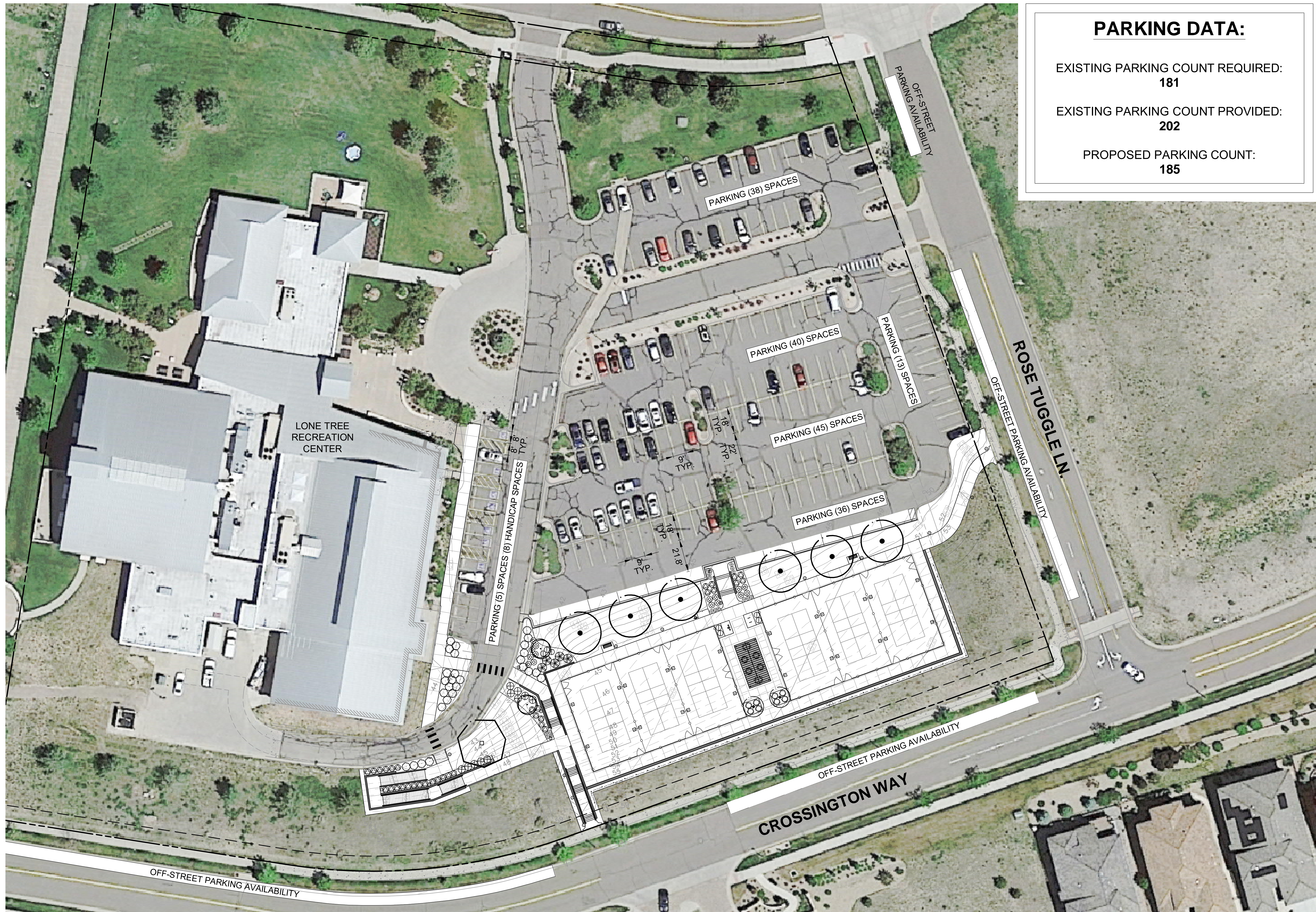
WESTERN CHEEK WALLS ELEVATION ②
SCALE: 1' = 10'



SOUTHERN RETAINING WALL ELEVATION ③
SCALE: 1' = 10'

LONE TREE RECREATION CENTER - PICKLE BALL COURTS

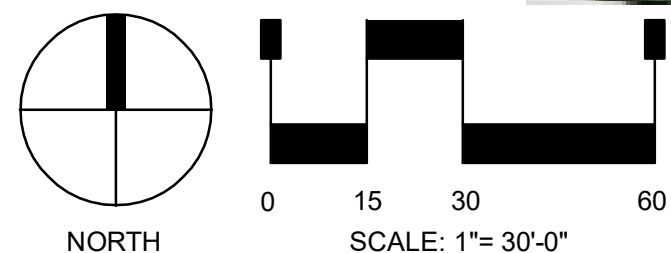
RETAINING WALL ELEVATIONS

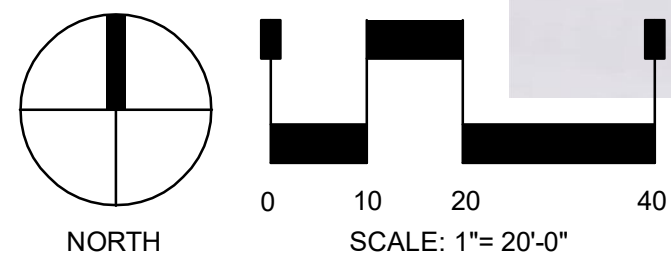
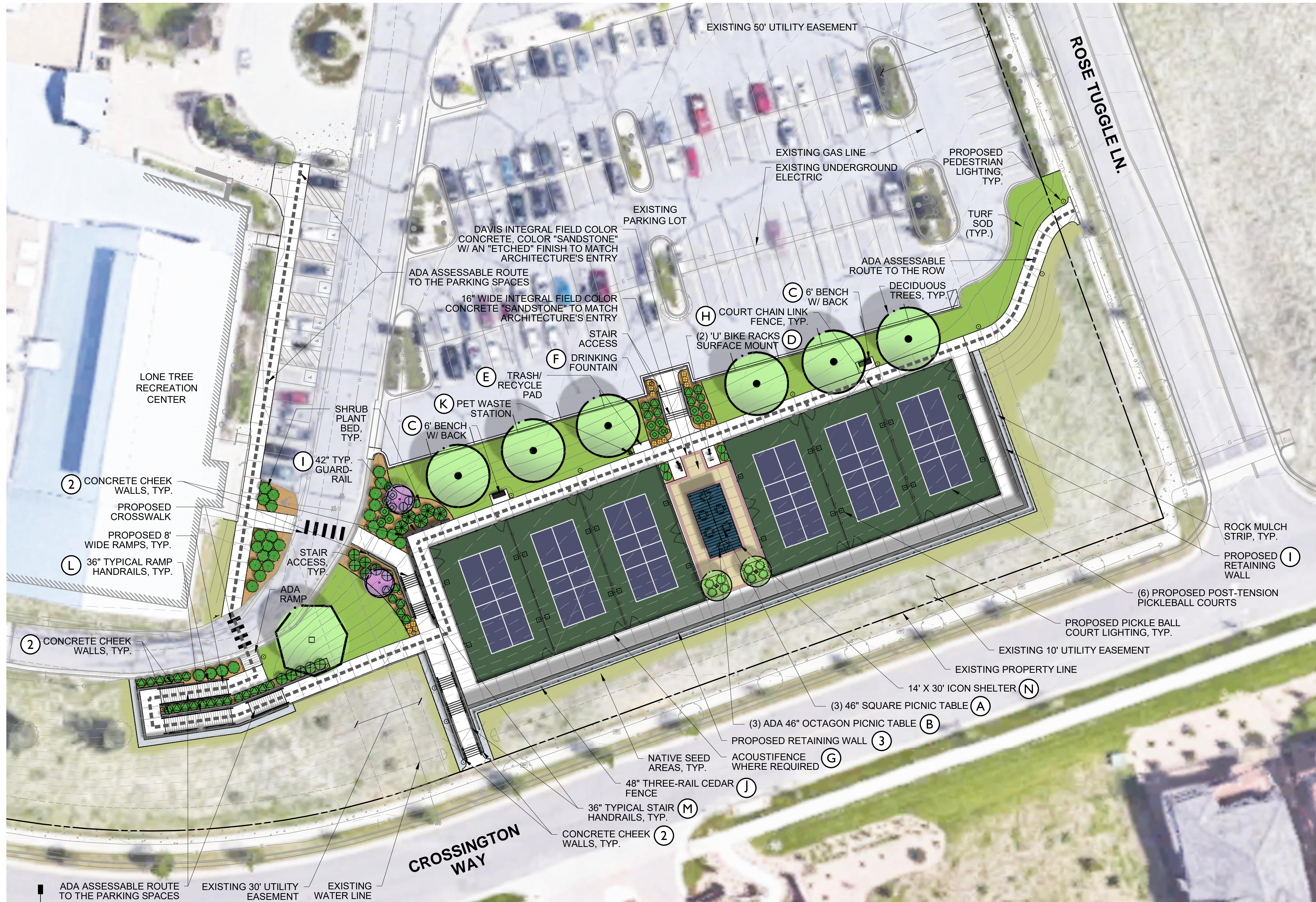


PARKING DATA:	
EXISTING PARKING COUNT REQUIRED:	181
EXISTING PARKING COUNT PROVIDED:	202
PROPOSED PARKING COUNT:	185

LONE TREE RECREATION CENTER - PICKLE BALL COURTS

PARKING PLAN





LONE TREE RECREATION CENTER - PICKLE BALL COURTS

SITE PLAN RENDERING