

CONSTRUCTION DOCUMENTS

LONGVIEW PICKLEBALL COMPLEX

LEE'S SUMMIT, MISSOURI

APPLICANT: LEE'S SUMMIT PARKS & RECREATION
CONTACT: STEVE CASEY
ADDRESS: 220 SE GREEN ST, LEE'S SUMMIT, MO 64063
PHONE: 816.969.1507
PROJECT NUMBER: 94932784

LANDSCAPE ARCHITECT:

olsson

1814 Main Street
Kansas City, MO 64108
TEL 816.842.8844
www.olsson.com

CIVIL ENGINEER:

olsson

1301 Burlington Street
North Kansas City, MO 64116
TEL 816.361.1177
FAX 816.361.1888
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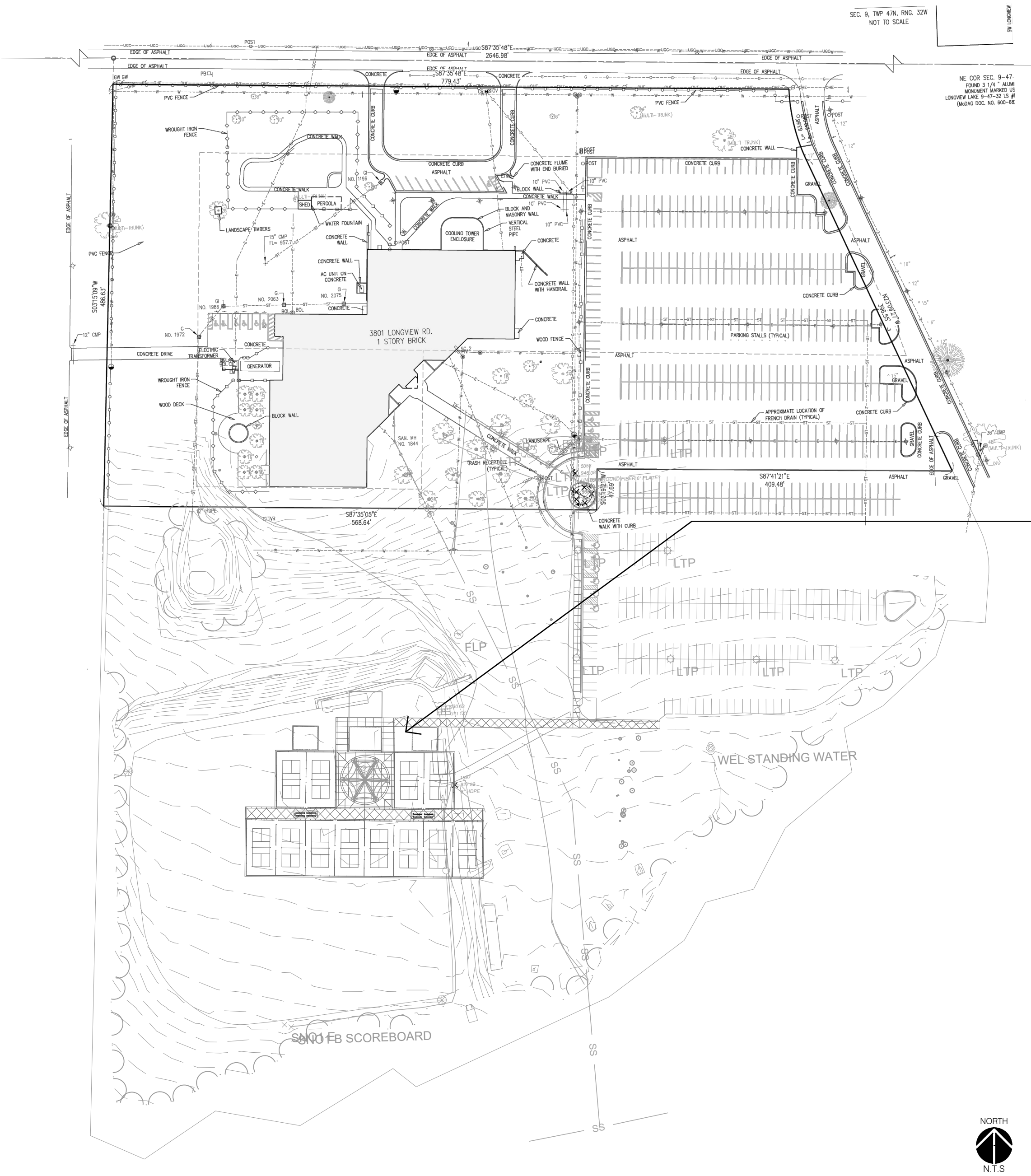
UTILITIES:

evergy

AT&T

**LEE'S SUMMIT
PARKS
& RECREATION**

Project Activity Number for Parks/City: 94932784

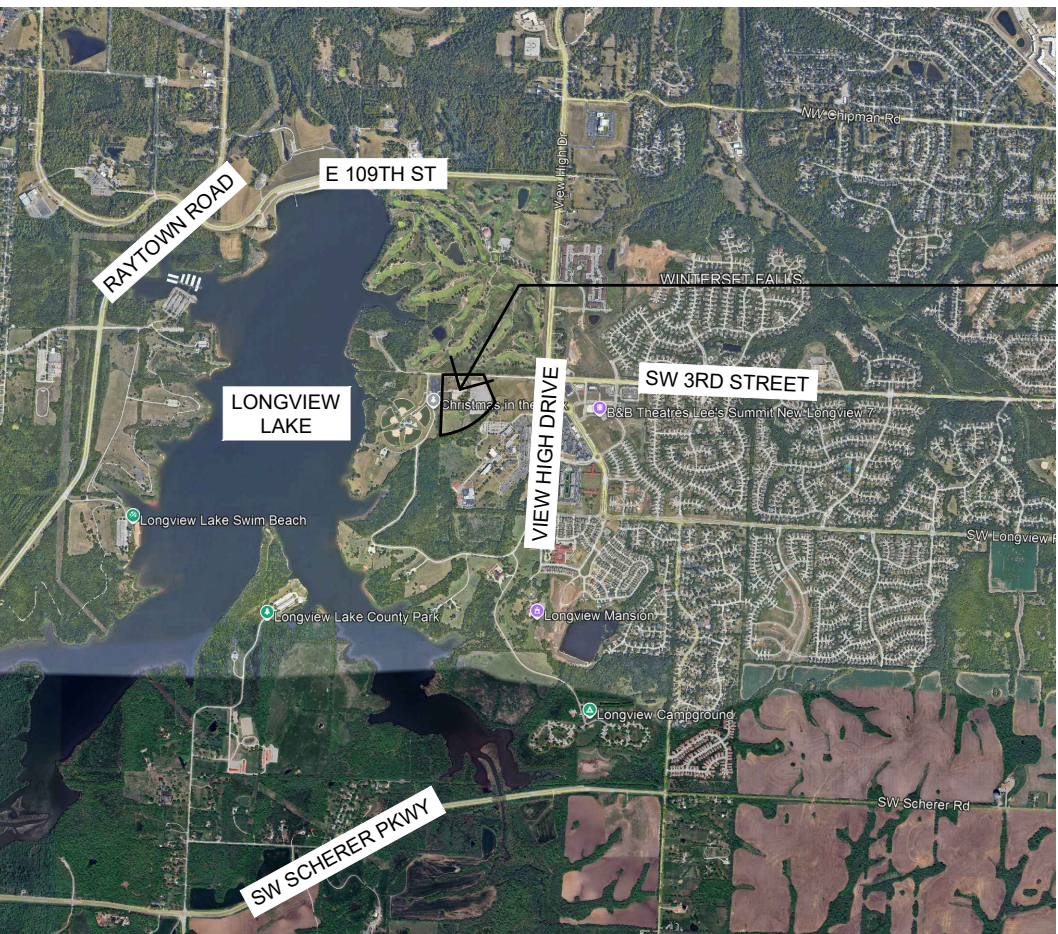


GENERAL SITE INFORMATION

ACREAGE: 22.4 AC.
EXISTING ZONING: R-1

MISSOURI ONE CALL:

THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES AND STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS AND TO THE BEST OF OUR KNOWLEDGE CONSTITUTES ALL KNOWN FACILITIES. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING UTILITIES OR STRUCTURES LOCATED AT THE WORK SITE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT MISSOURI ONE CALL SYSTEMS, INC. AT 1-800-344-7483 IN ADVANCE OF ANY EXCAVATION FOR THE MARK-OUT OF THE LOCATION OF UTILITIES AND NOTIFICATION OF COMMENCEMENT OF WORK.



PROJECT SITE

VICINITY MAP
NOT TO SCALE



SHEET INDEX

COVER	
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C300	SITE GRADING PLAN
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C401	SITE EROSION CONTROL DETAILS
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L100	SITE LAYOUT PLAN
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L191	ENLARGED HARDSCAPE AND COURT PLAN
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L590	LANDSCAPE DETAILS
L600	IRRIGATION PLAN
E000	ELECTRICAL SYMBOLS AND GENERAL NOTES
E100	SITE POWER PLAN
E101	ENLARGED SITE LIGHTING PLAN
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L700	NORTH ALTA SURVEY - INFORMATION ONLY
L701	SOUTH ALTA SURVEY - INFORMATION ONLY
L702	SPORTS LIGHTING LAYOUT AND PHOTOMETRICS
L703	HEXAGONAL SHADE CANOPY
L704	T CANTILEVER SHADE CANOPY

DRAWING DATE

04/01/2025 90% CONSTRUCTION DOCUMENTS

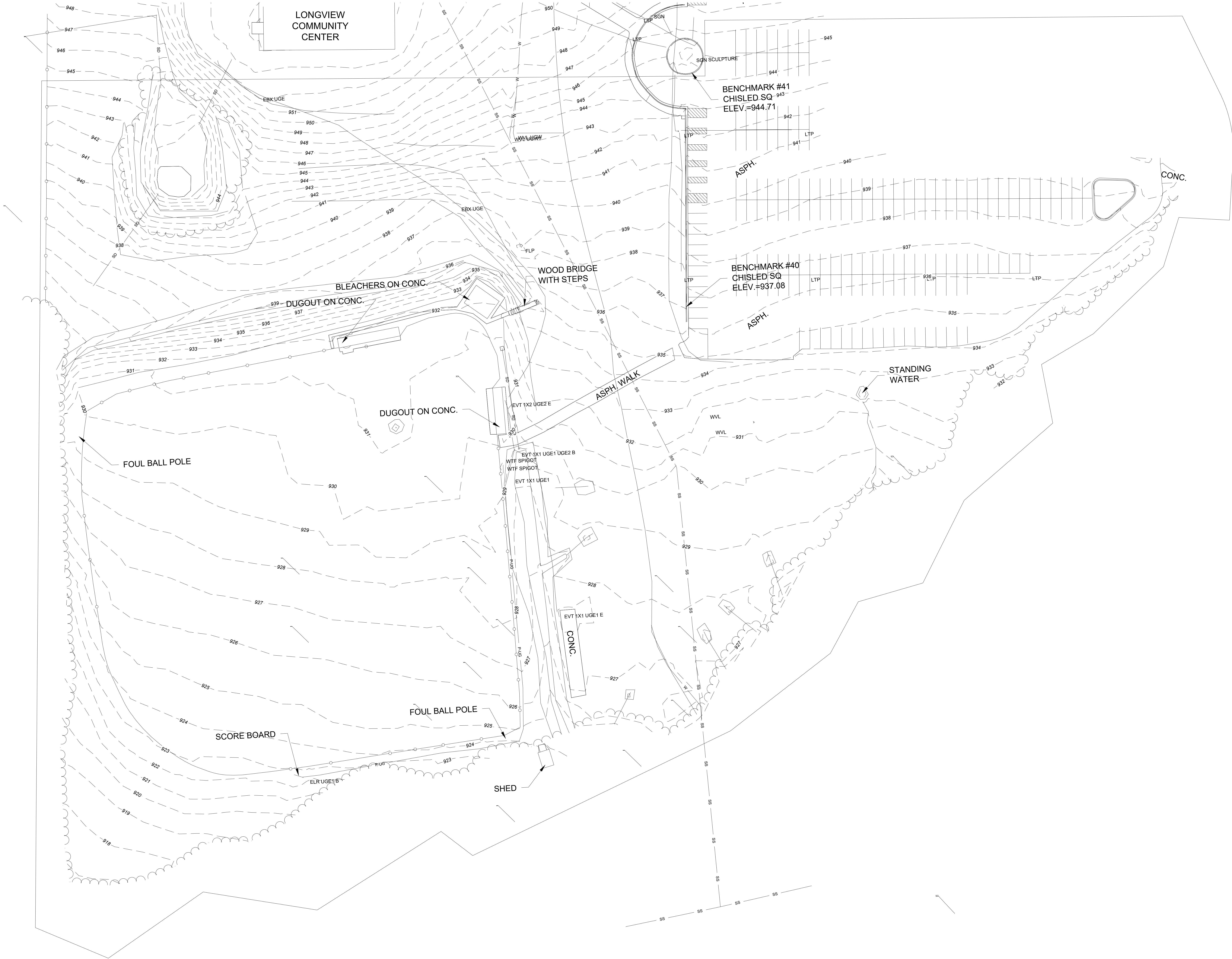
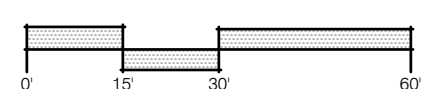
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PROJECT NO: A24-02856

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SITE SURVEY



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BY

DESCRIPTION

DATE

REV. NO.

SITE SURVEY

LONGVIEW PARK PICKLEBALL COMPLEX

LEE'S SUMMIT, MISSOURI

REVISIONS

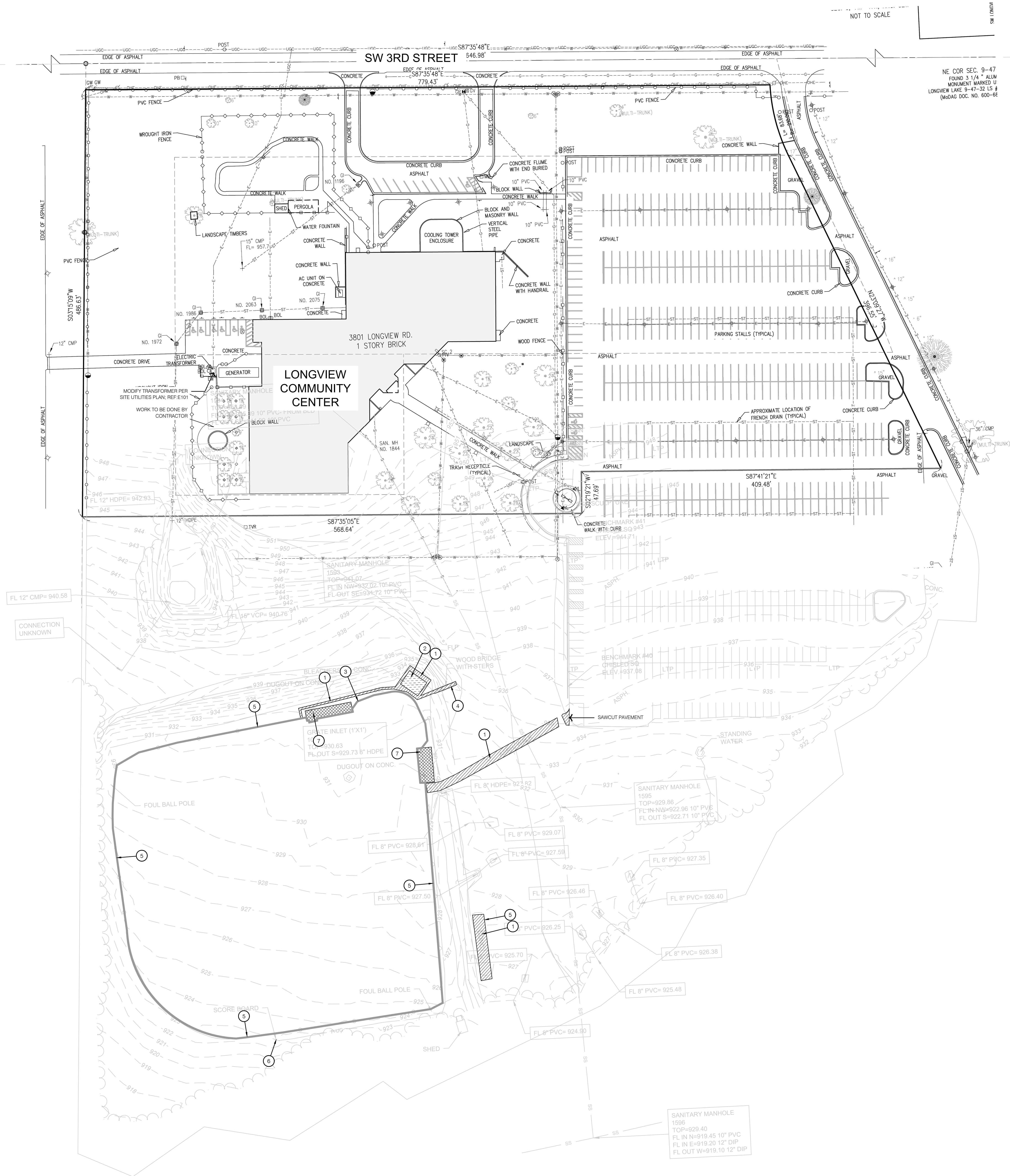
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date: 04.01.2025

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1 SITE DEMOLITION PLAN



NOTE TO BIDDERS:

- OWNER SELF PERFORMING ALL DEMOLITION, EXCEPT WHERE NOTED

DEMOLITION PLAN NOTES:

- DEMOLISH AND REMOVE SIDEWALK TO LIMITS AS THUS ON PLAN
- DEMOLISH AND REMOVE PRESS BOX AND FOUNDATION TO LIMITS AS THUS ON PLAN
- REMOVE BACKSTOP, POSTS, FITTINGS, AND FOOTINGS
- REMOVE STAIR
- REMOVE FENCING, FENCE POST, FABRIC, FITTINGS, AND FOOTINGS
- REMOVE SCOREBOARD, STRUCTURE, AND FOOTINGS
- DEMOLISH AND REMOVE ENTIRE DUGOUT INCLUDING STRUCTURE, ROOF, FOOTING, AND SLAB INDICATED AS THUS ON PLAN

SITE DEMOLITION PLAN

LONGVIEW PARK PICKLEBALL COMPLEX

LEE'S SUMMIT, MISSOURI

REVISIONS

2025

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C200

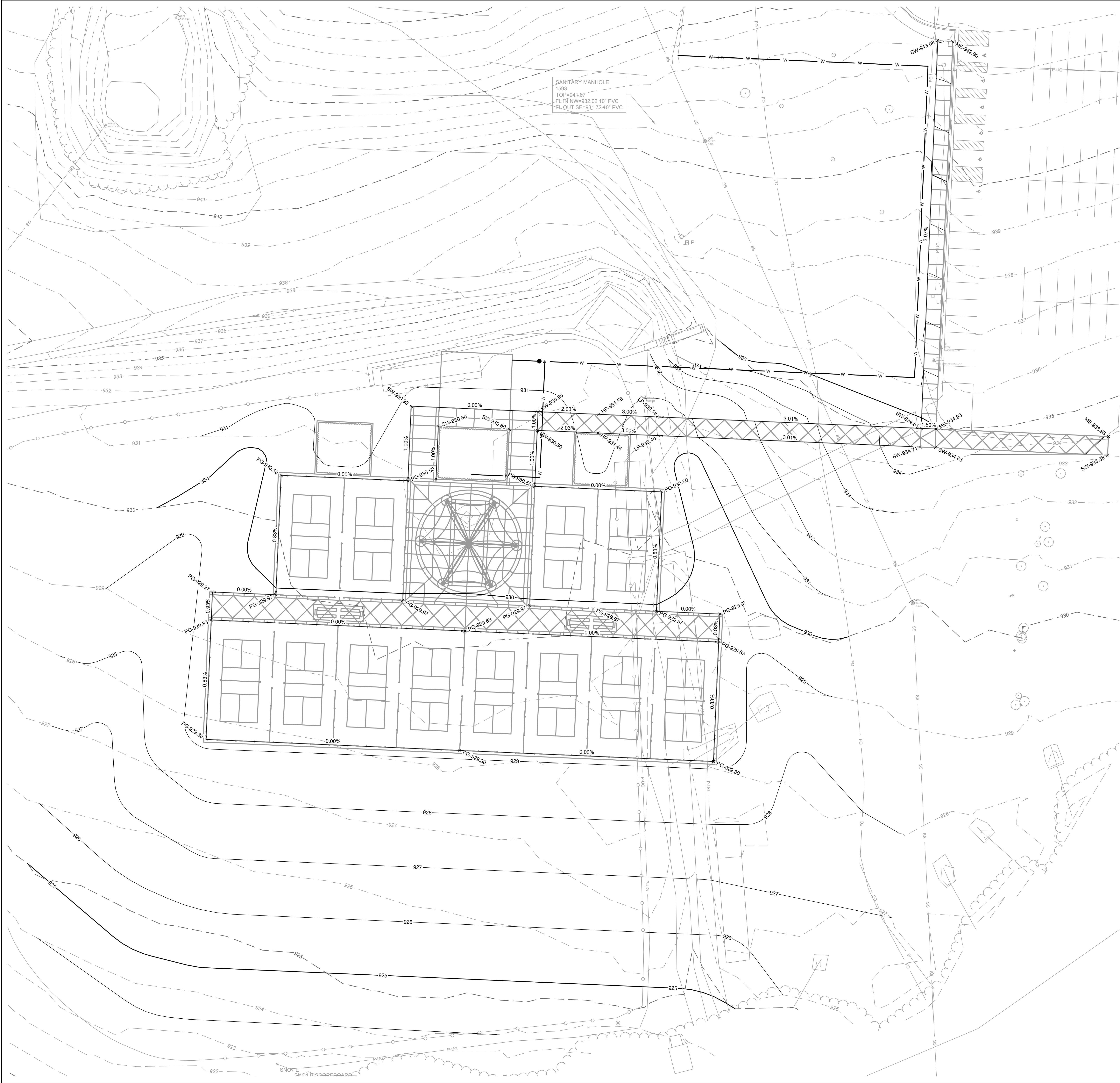
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EARTHWORK QUANTITIES		
LOCATION	CUT (C.Y.)	FILL (C.Y.)
SITE	1029	1754

EARTHWORK QUANTITIES NOTES:
1. EARTHWORK QUANTITIES BASED ON FINISHED GRADE SURFACE AND DO NOT INCLUDE ADJUSTMENTS FOR TOPSOIL AND SHRINKAGE.
2. EARTHWORK QUANTITIES DO NOT TAKE INTO CONSIDERATION EXCAVATION, REMOVAL AND DISPOSAL OF MATERIAL DEEMED UNSUITABLE BY A GEOTECHNICAL ENGINEER. THE EARTHWORK CONTRACTOR IS RESPONSIBLE FOR EXCAVATION, REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL AND FOR REPLACING IT WITH SUITABLE MATERIAL.

SPOT ELEVATION LEGEND
ALL SPOT ELEVATIONS ARE TO EDGE OF PAVEMENT, LIP OF CURB, AND/OR FINISHED GRADE UNLESS OTHERWISE SPECIFIED AS BELOW. SPOT ELEVATIONS AT FACE OF STRUCTURES INDICATE FEATURES ADJACENT TO STRUCTURE, NOT THE STRUCTURE ITSELF.
HP HIGH POINT
LP LOW POINT
PG PROPOSED GRADE
ME MATCH EXISTING
SW SIDEWALK

GRADING PLAN LEGEND
-999- FINISHED GRADE MAJOR CONTOUR
-999- FINISHED GRADE MINOR CONTOUR
-999- EXISTING GRADE MAJOR CONTOUR
-999- EXISTING GRADE MINOR CONTOUR

GRADING PLAN NOTES
1. ACTUAL FINISHED CONDITIONS MAY VARY FROM DESIGNED CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR ANY ASSUMPTIONS MADE REGARDING EARTHWORK AND RELATED COSTS.
2. THE FINISHED GRADE CONTOUR LINES, SPOT ELEVATIONS AND BUILDING FLOOR ELEVATIONS SHOWN ARE TO SURFACE OF PAVEMENT, FINISHED GRADE EXCLUDING LANDSCAPE MATERIALS, GRADES ADJACENT TO STRUCTURES ETC. REFER TO TYPICAL SECTIONS FOR PAVING, SLAB AND AGGREGATE BASE THICKNESS TO DEDUCT PAVEMENT DEPTH FROM ELEVATIONS SHOWN.
3. THE CONTRACTOR SHALL FINISH GRADE SLOPES AS SHOWN NO STEEPER THAN 1 FOOT VERTICAL IN 3 FEET HORIZONTAL.
4. THE CONTRACTOR SHALL GRADE LANDSCAPED AREAS TO PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING AND SIDEWALKS WHEN FINISH LANDSCAPE MATERIALS ARE IN PLACE. THE CONTRACTOR SHALL CONTACT THE ENGINEER REGARDING ANY LOCATIONS WHERE THIS MAY NOT BE FEASIBLE.

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STATE OF MISSOURI
JAN ROMANOV
NUMBER
PE-20201034
04/03/2025
PROFESSIONAL ENGINEER

BY
DESCRIPTION
REV. NO.
DATE

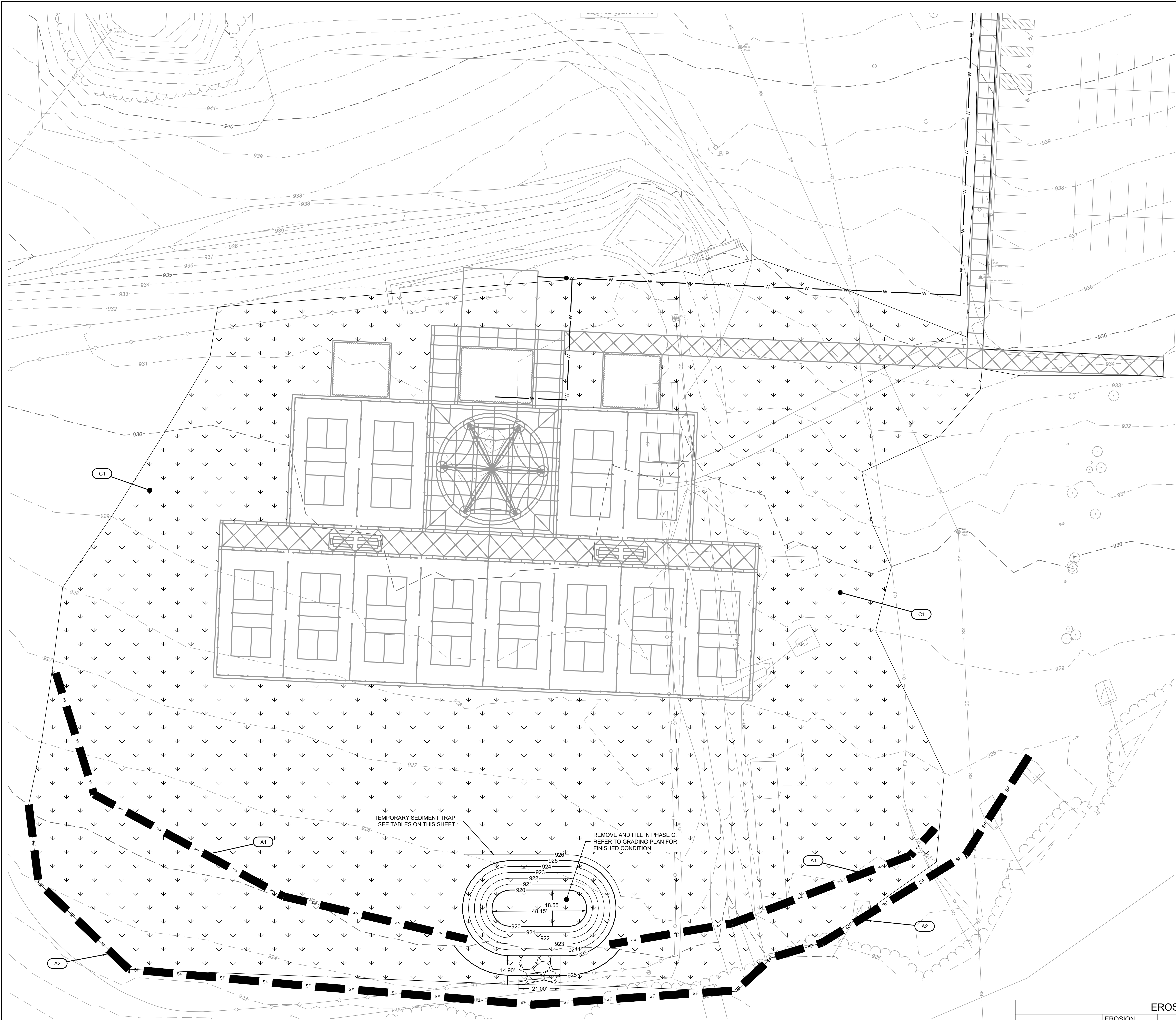
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SITE GRADING PLAN
LONGVIEW PARK PICKLEBALL COMPLEX
LEE'S SUMMIT, MISSOURI

drawn by: SJM
designed by:
project no.: A24-02856
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SHEET
C300

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LEGEND	
	DIVERSION BERM
	SILT FENCE
	SEED STABILIZATION

NOTE:
1. THE SITE DISTURBANCE PLANS INDICATES THE FINAL PLACEMENT OF EROSION CONTROL DEVICES. THE CONTRACTOR(S) MAY PROCEED WITH THE CONSTRUCTION PRIOR TO THE FINAL PLACEMENT OF THESE DEVICES BY PROVIDING ADDITIONAL DEVICES TO CONTROL EROSION ON THEIR ITEMS OF WORK. THESE DEVICES SHALL BE MAINTAINED UNTIL THE FINAL DEVICES ARE IN PLACE.

GRADING LEGEND	
	999 FINISHED GRADE MAJOR CONTOUR
	999 FINISHED GRADE MINOR CONTOUR
	999 EXISTING GRADE MAJOR CONTOUR
	999 EXISTING GRADE MINOR CONTOUR

Trap Volumes A1 + A2 +					
ELEVATION (FT)	AREA (SF)	(A1+A2+) (SF)	VOL (CF)	VOL SUM (CF)	VOL SUM (AC-FT)
920	823.00	0.00	0.00	0.00	0.00
921	1,205.00	3,023.85	1,007.95	1,007.95	0.02
922	1,644.00	4,256.49	1,418.83	2,426.78	0.06
923	2,139.00	5,658.24	1,886.08	4,312.86	0.10
924	2,891.00	7,229.18	2,409.73	6,722.58	0.15

TRAP	TRIBUTARY AREA (AC)	REQUIRED VOLUME (C.F.)	BERM HEIGHT "H" (FT.)	SPILLWAY HEIGHT "H _s " (FT.)	STORAGE VOLUME (C.F.)	BERM TOP WIDTH "W" (FT.)	BOTTOM ELEVATION (FT.)	RIPRAP ELEVATION (FT.)	TOP OF BERM ELEVATION (FT.)	SPILLWAY LENGTH (FT.)	EXCAVATED DEPTH (FT.)	EXCAVATED VOLUME (C.F.)	SEDIMENT CLEANOUT VOLUME (C.F.)	SEDIMENT CLEANOUT ELEVATION (FT.)
1	3.41	6138.00	2	1	4312.86	2	920	924	925	21	2	1418.83	862.57	920.86

EROSION CONTROL STAGING CHART				
PROJECT STAGE	EROSION CONTROL BMP REFERENCE NO.	BMP DESCRIPTION	REMOVE AFTER STAGE	NOTES:
A - PRE-GRADING	A1	DIVERSION BERM	C	INSTALL PER APWA DETAIL ESC-05
	A2	SILT FENCE	C	INSTALL PER APWA DETAIL ESC-03
B - INTERIM				
UPON REMOVAL CONTRACTOR TO OVER-EXCAVATE SEDIMENT TRAPS, FULLY REMOVING ALL SILT, AND FILLING IN CONTROLLED LIFTS TO PREVENT VOIDS OR EXCESSIVE SETTLING THAT COULD IMPACT BUILDING FOUNDATIONS.				
C - DISTURBED AREA STABILIZATION	C1	ESTABLISH SEEDING AND STABILIZATION		SITE STABILIZATION PER LOCAL CODES AND ORDINANCES. AT A MINIMUM STABILIZATION SHALL CONFIRM WITH APWA SECTION 2400. COORDINATE ALL STABILIZATION WITH EROSION CONTROL MEASURES INDICATED IN SITE DEVELOPMENT PLANS.

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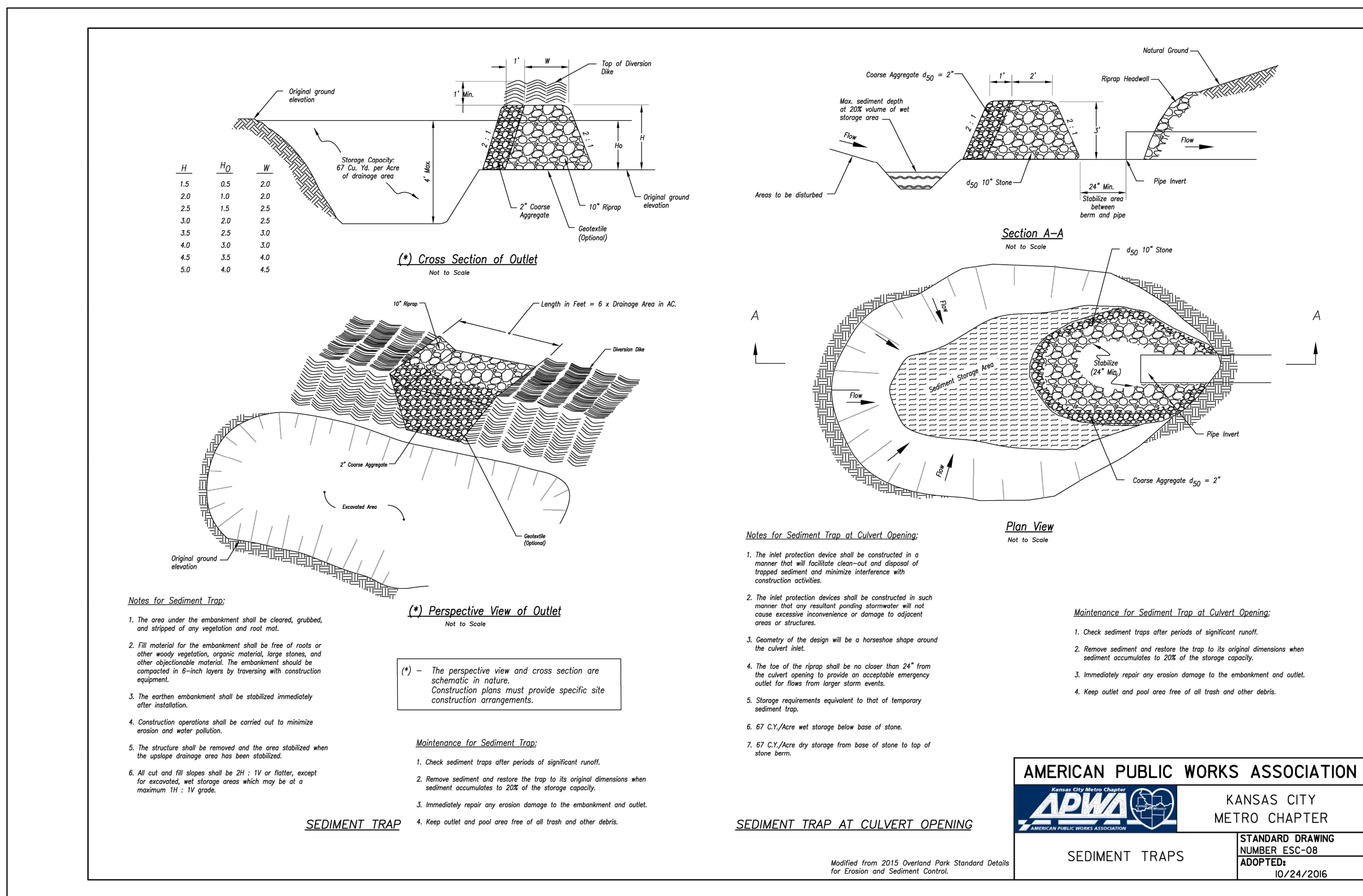
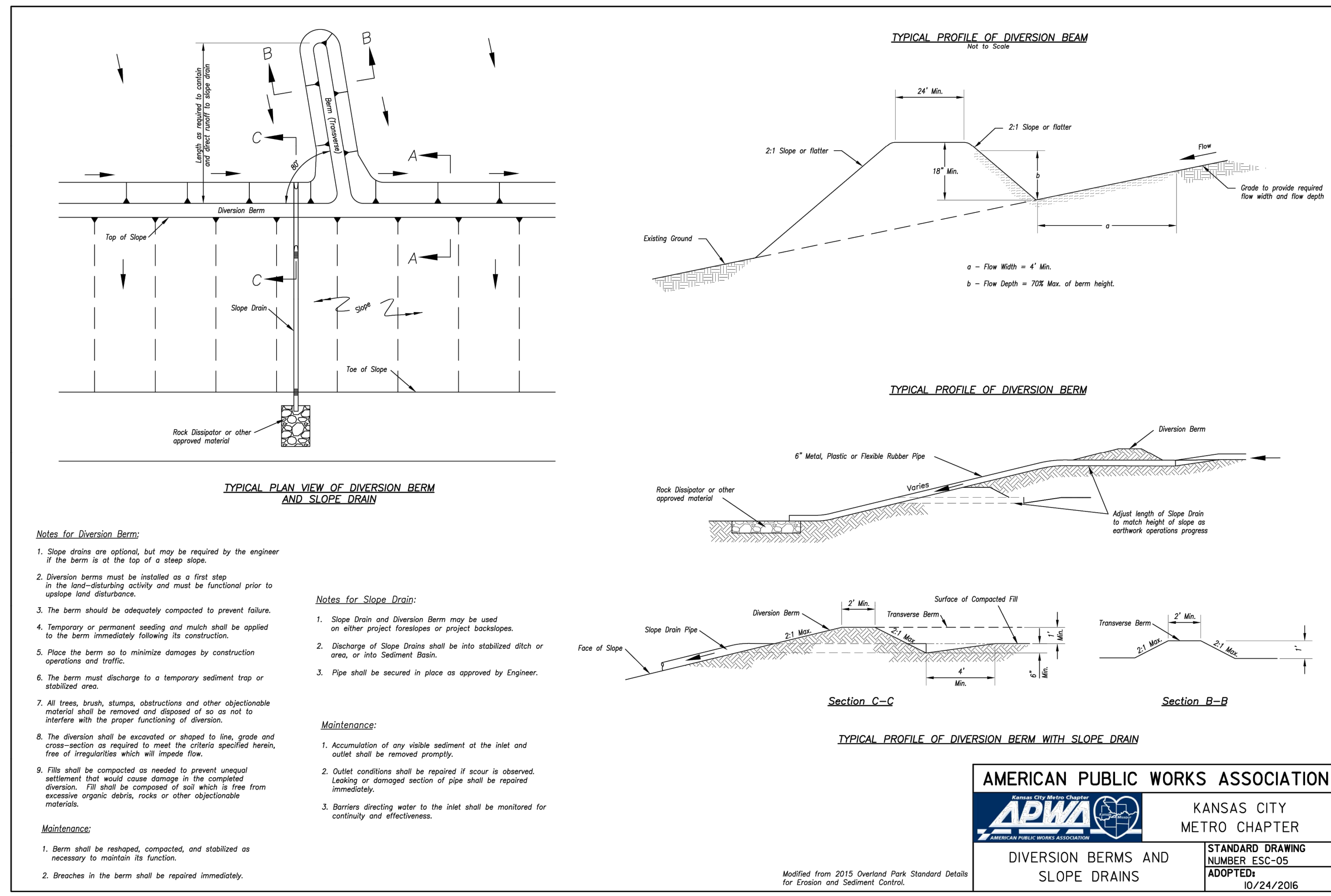
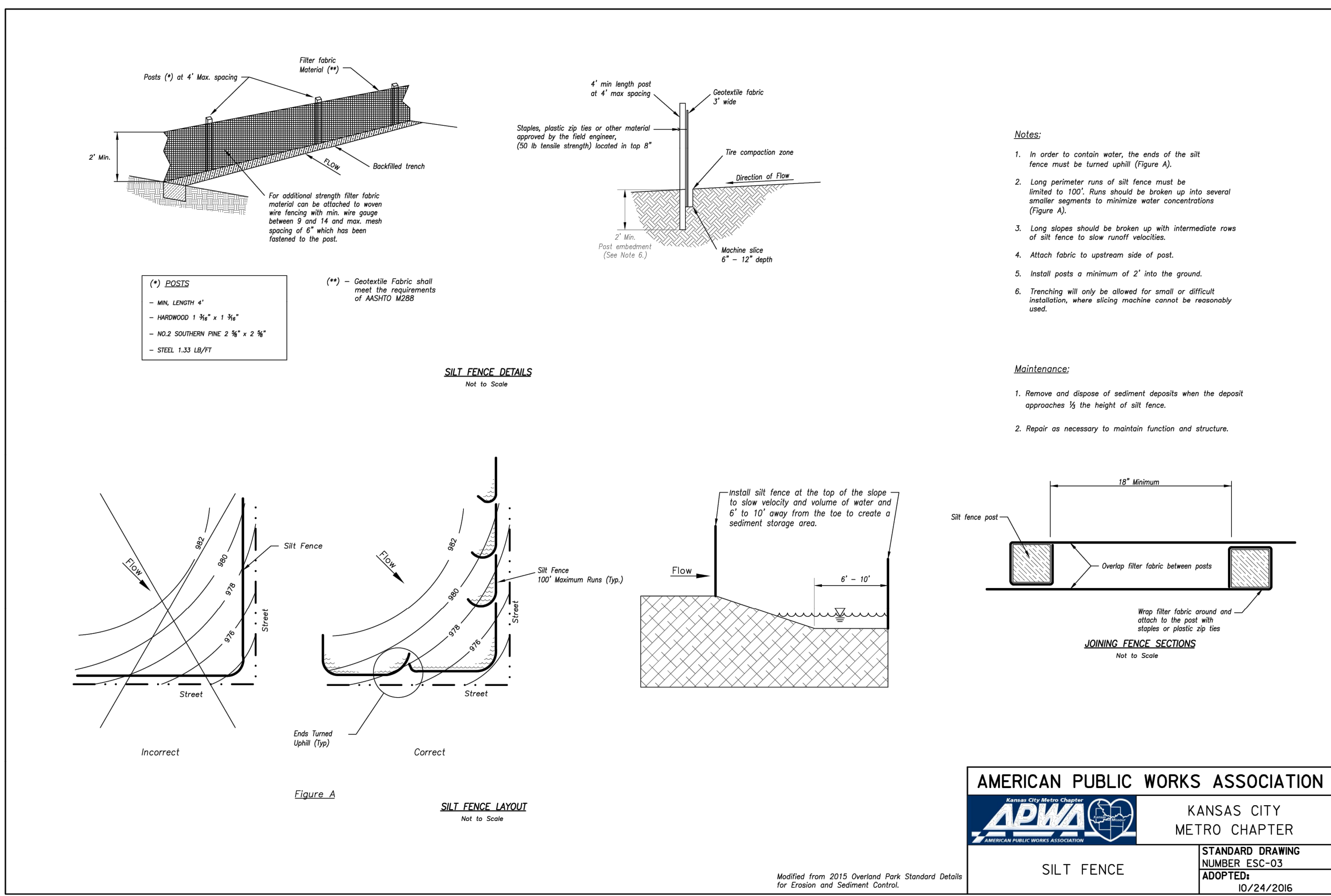
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DESCRIPTION: _____
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SITE EROSION CONTROL PLAN
LONGVIEW PARK PICKLEBALL COMPLEX
LEE'S SUMMIT, MISSOURI

drawn by: _____
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project no.: A24-02856
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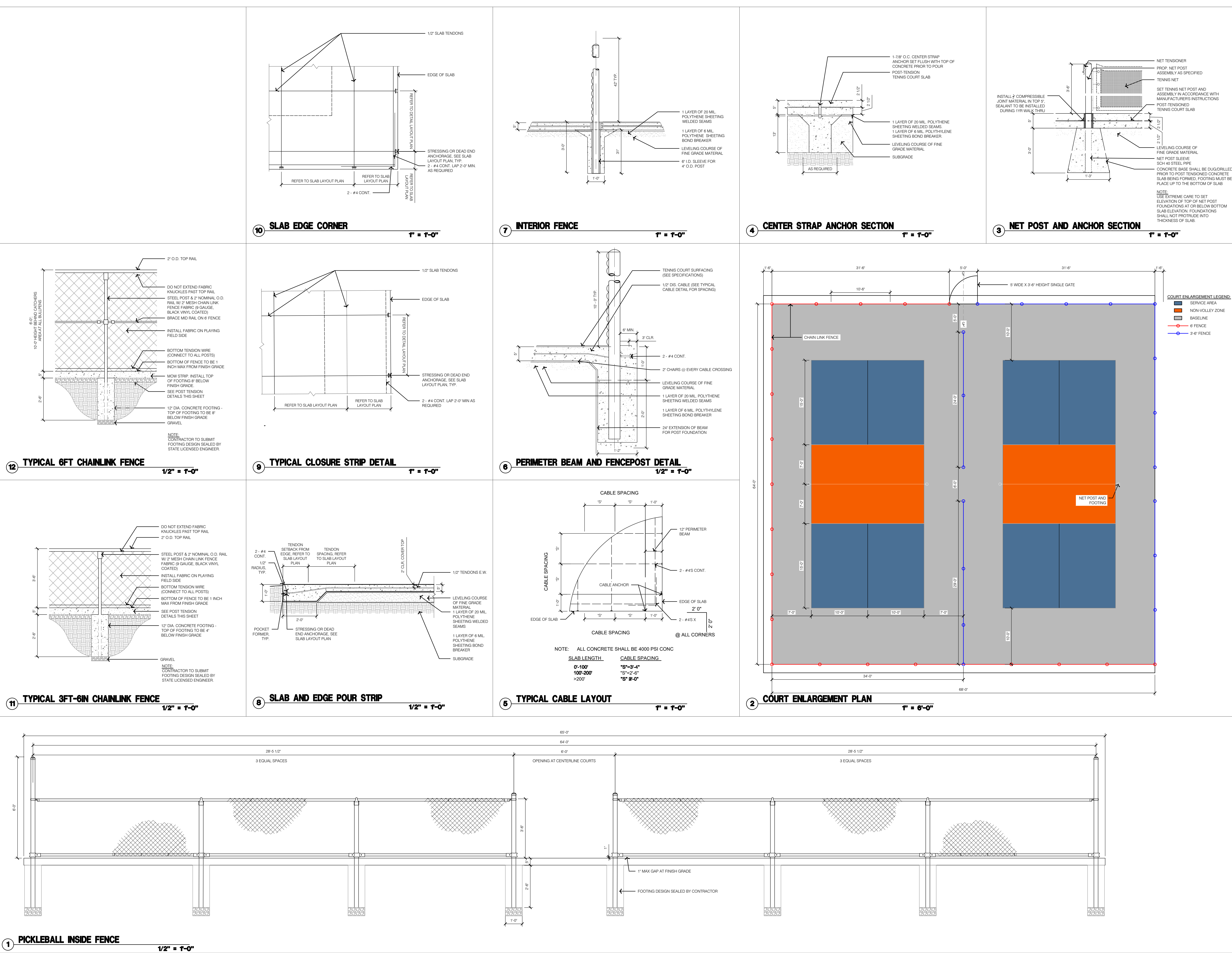




- 1 EXISTING SIDEWALK
- 2 EXISTING SIGN
- 3 EXISTING CONCRETE CURB
- 4 EXISTING ASPHALT PARKING LOT PAVING
- 5 CONSTRUCT CONCRETE SIDEWALK WITH CURB; REF: 3/L191
- 6 CONSTRUCT CONCRETE SIDEWALK; REF: 2/L191
- 7 INSTALL LIGHT POLE; REF: LIGHTING PLANS
- 8 INSTALL EXPANSION JOINT; REF: 4/L191
- 9 INSTALL CONTROL JOINT; REF: 4/L191
- 10 INSTALL PLANTING BED; REF: LANDSCAPE PLANS
- 11 INSTALL OVERHEAD SHADE CANOPY AND FOOTINGS; REF: SHEET L703
- 12 INSTALL SHADE CANOPY AND FOOTINGS. BENCHES NOT IN CONTRACT; REF: SHEET L704
- 13 3'-6" HEIGHT FENCE; REF: 1/L1190
- 14 6' HEIGHT FENCE; REF: 12/L190
- 15 5' WIDTH X 3'-6" HEIGHT SINGLE GATE

SHEET
L100

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SPORT DETAILS

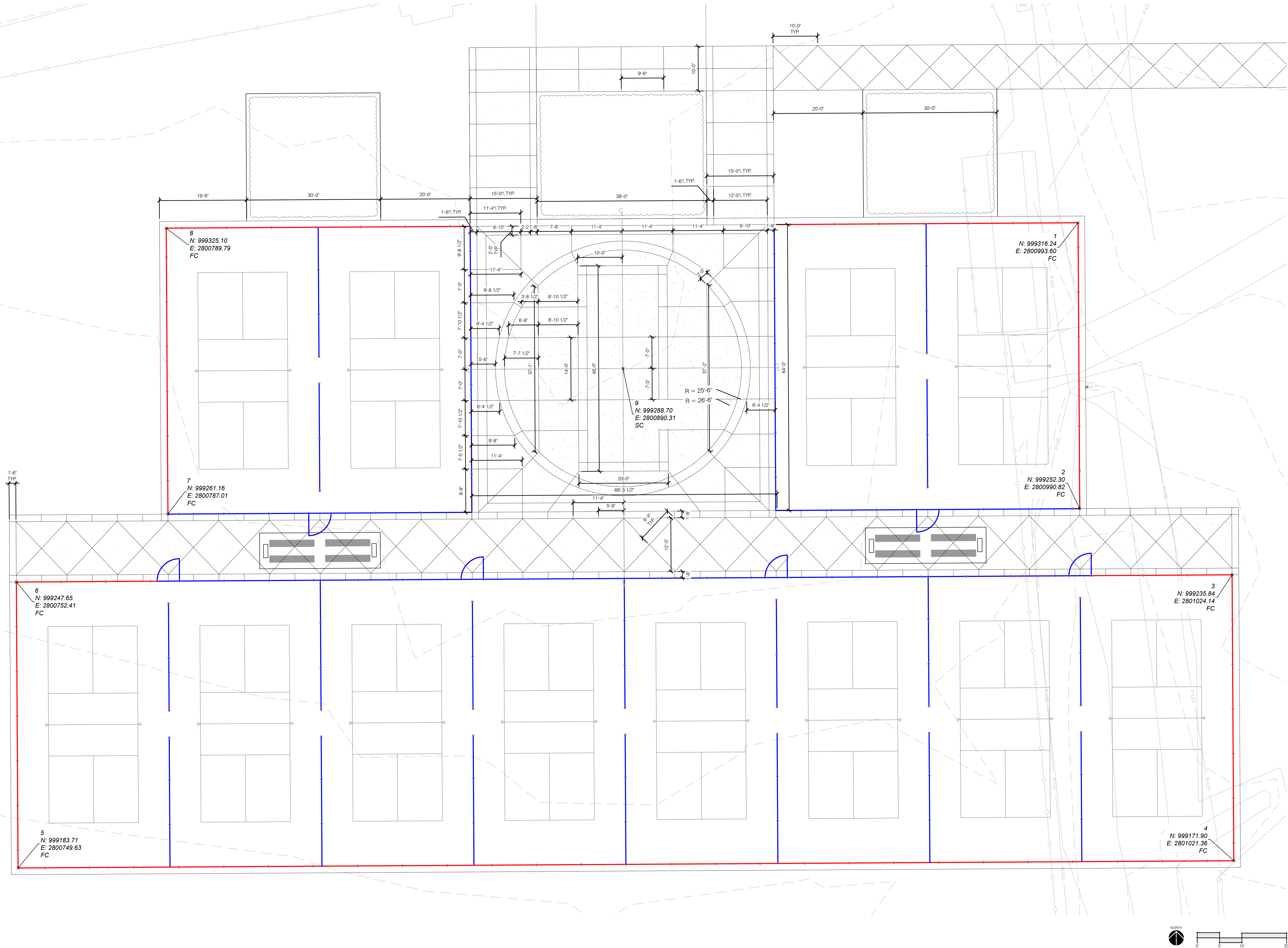
LONGVIEW PARK PICKLEBALL COMPLEX

LEE'S SUMMIT, MISSOURI

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HARDSCAPE LEGEND:

- ENLARGEMENT PLAN BOUNDARY
- CONCRETE PAVING
- 6' FENCE
- 3'-6" FENCE

POINT TABLE				
POINT #	NORTHING	EASTING	FULL DESCRIPTION	RAW DESCRIPTION
1	2800993.60	2800993.6017	FENCE CORNER POST	FC
2	2800990.82	2800990.8216	FENCE CORNER POST	FC
3	2801024.14	2801024.1379	FENCE CORNER POST	FC
4	2801021.36	2801021.3577	FENCE CORNER POST	FC
5	2800749.63	2800749.6314	FENCE CORNER POST	FC
6	2800752.41	2800752.4116	FENCE CORNER POST	FC
7	2800787.01	2800787.0141	FENCE CORNER POST	FC
8	2800789.79	2800789.7943	FENCE CORNER POST	FC
9	2800890.31	2800890.3079	SHADE CENTER	SC

4 TYPICAL CONCRETE JOINTS

3 TYPICAL GRAY CONCRETE SIDEWALK WITH CURB

2 TYPICAL GRAY CONCRETE SIDEWALK

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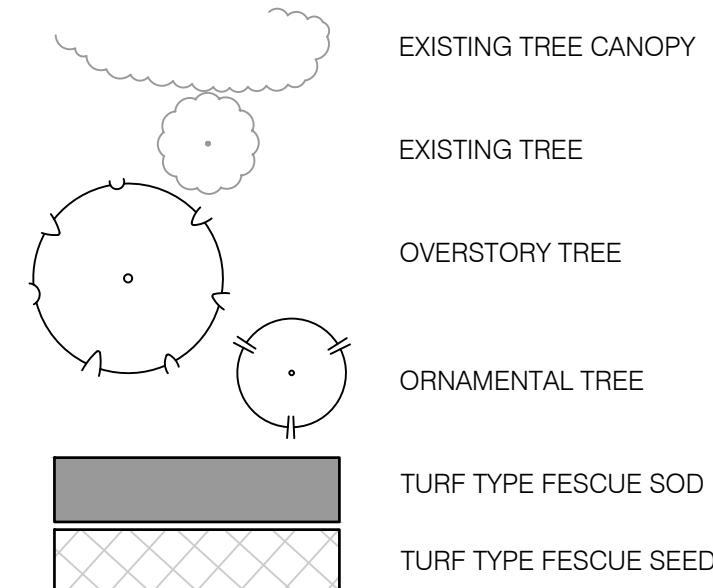
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drawn by: _____ designed by: _____ project no. 454-02856 date: 04.01.2025		ENLARGED HARDSCAPE AND COURT PLAN		REV	DATE	DESCRIPTION	BY
		LONGVIEW PARK PICKLEBALL COMPLEX					
LEE'S SUMMIT, MISSOURI							



1. THE CONSTRUCTION COVERED BY THESE PLANS SHALL CONFORM TO ALL APPLICABLE STANDARDS AND SPECIFICATIONS OF THE CITY OF LEE'S SUMMIT, MISSOURI IN CURRENT USAGE. ALL STANDARDS NOT COVERED BY THE CITY SHALL BE APCA STANDARDS IN CURRENT USAGE UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES, DRAIN LINES AND IRRIGATION PIPING PRIOR TO COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTORS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITY, DRAIN LINES AND IRRIGATION PIPING.
3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL FINAL GRADES WITH LANDSCAPE ARCHITECT PRIOR TO COMPLETION.
4. DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE AND SHALL BE REMOVED AT FREQUENT INTERVALS. AT COMPLETION OF WORK IN EACH AREA, THE CONTRACTOR SHALL GATHER AND REMOVE ALL DEBRIS, EQUIPMENT, AND EXCESS MATERIAL FROM THAT AREA. AT FINAL COMPLETION OF ALL WORK HE SHALL REMOVE ALL SUCH ITEMS FROM THE PREMISES.
5. LOCATION AND PLACEMENT OF ALL PLANT MATERIAL SHALL BE COORDINATED WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
6. THE LANDSCAPE PLANTING PLAN GRAPHICALLY ILLUSTRATES OVERALL PLANT MASSINGS. EACH PLANT SPECIES SHALL BE PLACED IN THE FIELD TO UTILIZE THE GREATEST COVERAGE OF THE GROUND PLANE. THE FOLLOWING APPLIES FOR INDIVIDUAL PLANTINGS:
 - ALL EVERGREEN SHRUBS AND CREEPING GROUNDCOVERS SHALL BE MINIMUM OF 2' FROM ANY PAVING EDGE.
 - ALL PLANTS OF THE SAME SPECIES SHALL BE EQUALLY SPACED AND SITED FOR THE BEST AESTHETIC VIEWING.
 - ALL TREES, EVERGREEN OR DECIDUOUS, SHALL BE A MINIMUM OF 4' FROM ANY PAVING EDGE.
7. ANY SUBSTITUTION OF SPECIFIED PLANT MATERIAL WILL NOT BE ALLOWED WITHOUT WRITTEN AUTHORIZATION FROM LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
8. MUCH ALL PLANTING AREAS TO A DEPTH OF 3' DEPTH ACCORDING TO PLANS AND SPECIFICATIONS. SAMPLES SHALL BE APPROVED BY LANDSCAPE ARCHITECT.
9. ALL PLANT MATERIAL WILL BE HEALTHY, VIGOROUS AND FREE OF DISEASE AND INSECTS PER ANR STANDARDS. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY INFERIOR OR OTHERWISE UNSUITABLE PLANT MATERIAL PROPOSED FOR USE ON THE PROJECT.
10. ALL PLANTING BEDS NOT FULLY CONTAINED BY CONCRETE CURBS OR WALKS SHALL BE EDGED ACCORDING TO PLANS AND SPECIFICATIONS.
11. PLANTS AND LANDSCAPE MATERIALS SHALL BE INSTALLED AS DETAILED ON PLANS.
12. PLANT BACKFILL FOR TREES AND SHRUBS SHALL BE PER SPECIFICATIONS.
13. ALL PLANTING BEDS SHALL BE TREATED WITH DACTHAL PRE-EMERGENT HERBICIDE AT MANUFACTURER RECOMMENDED RATES AND SHALL BE COVERED WITH SPECIFIED MULCH APPLICATION. APPLY LIGHTER APPLICATION OF DACTHAL HERBICIDE TO TOP OF MULCH LAYER.
14. ALL AREAS DISTURBED DURING CONSTRUCTION THAT ARE NOT DESIGNATED AS PLANTING BEDS OR PAVEMENT AREAS SHALL BE SEEDDED WITH A TURF TYPE TALL FESCUE PER SPECIFICATIONS.
15. ALL PLANT MATERIAL SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER OWNERS FINAL ACCEPTANCE OF FINISHED JOB. ALL DEAD AND DAMAGED PLANT MATERIAL SHALL BE REPLACED BY LANDSCAPE CONTRACTOR AT THEIR EXPENSE. LANDSCAPE CONTRACTOR SHALL MAINTAIN PLANT MATERIAL UNTIL FINAL ACCEPTANCE.
16. ALL LANDSCAPE BEDS SHALL BE MOUNDDED AS SHOWN ON PLANS AND DETAILS.
17. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ACTUAL PLANT QUANTITIES REQUIRED TO COMPLETE THE PROJECT AS SHOWN ON THE PLANS, AND BASE THEIR BID ACCORDINGLY.
18. PLANT KEY DESCRIPTION.



LANDSCAPE PLAN NOTES:

- 1 PLANTING BED WITH HARDWOOD MULCH; REF: LANDSCAPE GENERAL NOTES AND LANDSCAPE DETAILS
- 2 AREA TO BE SODDED WITH TURF TYPE FESCUE SOD
- 3 AREA TO BE SEEDED WITH TURF TYPE FESCUE SOD
- 4 METAL BED EDGE; REF: §/L590
- 5 AREA TO HAVE SPRAY IRRIGATION INSTALLED
- 6 AREA TO HAVE DRIP IRRIGATION INSTALLED

PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY	
ORNAMENTAL TREES					
CE	CECILIA CAMPHOR	EASTERN REDWOOD MILLET-HIKUK	2" CAL	13	
SL	SYRINGA RETICULATA 'VORY SLIK'	UDYU SLIK JAPANESE TREE lilac	2" CAL	12	
SHADE TREES					
AP	ACER RUBRUM 'FRANK IR'	REDPOINTED MAPLE	2" CAL	9	
GP	GINKGO BILoba 'PN 272'	PRICE 'ON CENTURY MADENHAINR TREE	2" CAL	2	
CODE	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
GROUND COVERS					
PT	PACHYSTANDRA TERMINALIS	JAPANESE PACHYSTANDRA	PLUG	12" o.c.	2,592

NOTE TO BIDDERS:

1. OWNER WILL SELF PERFORM INSTALLATION OF ALL PLANTING MATERIALS, PLANTING BED SOIL MIXES AND AMENDMENTS, AND SEEDING FOR ALL DISTURBED AREAS.
2. CONTRACTOR TO ESTABLISH FINISH GRADE FOR ALL AREAS OF DISTURBANCE.
3. CONTRACTOR RESPONSIBLE FOR RETURNING TOP SOIL AND FINISH GRADING.

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BY

DESCRIPTION

ATE

REV
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LANDSCAPE PLANNING

LONGVIEW PARK PICKLEBALL COMPLEX

REVISIONS

2025

LEE'S SUMMIT, MISSOURI

drawn by: _____
 designed by: _____
 project no.: A24-02856
 date: 04.01.2025

SHEET
L500

CIRCUITRY	
— P-UG — EXISTING, NEW, OR DEMO POWER FEEDER BELOW GRADE — — — — — ITEM BELOW GRADE (NEW WORK) OR TO BE DEMOLISHED (DEMO)	— — — — — BRANCH CIRCUIT, 2#12 AND 1#12G IN 3"4" CONDUIT UNLESS NOTED OTHERWISE

X	SHEET NOTE TAG, LABEL INDICATES NOTE NUMBER
XX	FEEDER TAG
*	ABOVE COUNTER
A	AMPERE
AD	AUTOMATIC DAMPER
AF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AH	AIR HANDLING UNIT
AFCI	ARC FAULT CIRCUIT INTERRUPTER
ATS	AUTOMATIC TRANSFER SWITCH
C	CONDUIT
CB	CIRCUIT BREAKER
CIR	CIRCUIT
CUH	CABINET UNIT HEATER
E	EXISTING DEVICES TO REMAIN
EF	EXHAUST FAN
EMT	ELECTRIC METALLIC TUBING
EN	NEW LOCATION OF EXISTING RELOCATED
EW	ELECTRIC WATER COOLER
EWB	ELECTRIC WATER HEATER
FA	FIRE ALARM
FB	FLOOR BOX
FMC	FLEXIBLE METALLIC TUBING
GI	GROUND FAULT INTERRUPTER
HD	HAND DRIVER
IG	ISOLATED GROUND
MAU	MAKE-UP AIR UNIT
M	MOTORIZED DAMPER
NF	NON-FUSED
NL	NIGHT LIGHT
NR	NEW TO REPLACE EXISTING
P	POLE
PE	PRIMARY ELECTRIC SERVICE
PTD	ELECTRIC PAPER TOWEL DISPENSER
PVC	POLYVINYL CHLORIDE CONDUIT
RE	REMOVE EXISTING
REF	ROOF EXHAUST FAN
RL	RELOCATE EXISTING
RM	RIGID METALLIC CONDUIT
RR	REMOVE AND REPLACE ON NEW SURFACE
RTU	ROOFTOP UNIT
SD	SMOKE DAMPER
SE	SECONDARY ELECTRIC SERVICE
SAP	SPACE AND PROVISION
T	TELEPHONE SERVICE
TP	TEMPERATURE CONTROL PANEL
TP	TAMPER PROOF
TV	TELEVISION
UGE	UNDERGROUND ELECTRICAL
VFC	VARIABLE FREQUENCY CONTROLLER
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
WW	WIRE GUARD
WP	WEATHER-PROOF
XFORM	TRANSFORMER

- A. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE ADOPTED ELECTRICAL CODE.
- B. ELECTRICAL DESIGN HAS BEEN BASED ON THE INSTALLATION OF 90-DEGREE CONDUITS CONNECTED TO TERMINAL LUGS AND EQUIPMENT UL LISTED FOR A MINIMUM OF 75-DEGREES. CONDUCTORS TERMINATED WITH EQUIPMENT WITH A LOWER RATING OR NO RATING SHALL HAVE CONDUIT SIZE INCREASED TO CONFORM TO THE ADOPTED ELECTRICAL CODE.
- C. INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO TYPE AND LOCATION OF SAME AS WELL AS BE NECESSARY TO AVOID DAMAGE THERE OF.
- D. FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING WORK. ANY INTERFERENCE SHALL BE BROUGHT TO ATTENTION OF THE ARCHITECT AND ENGINEER FOR DIRECTION.
- E. PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED.
- F. COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS.
- G. GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY THE CONTRACTOR FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
- H. ALL WIRING SHALL BE INSTALLED IN CONDUIT.
- I. ALL BRANCH CIRCUITS SHALL CONSIST OF (2) #12 AND (1) #12 EQUIPMENT GROUND IN "1" EMT CONDUIT, UNLESS OTHERWISE NOTED.
- J. ALL ELECTRICAL RACEWAYS SHALL HAVE AN EQUIPMENT GROUND CONDUIT SIZED PER THE ADOPTED ELECTRICAL CODE.
- K. MINIMUM CONDUIT SIZE SHALL BE 1/2" ABOVE GRADE AND 3/4" BELOW GRADE.
- L. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A PULLSTRING.
- M. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- N. INDICATE ON THE DRAWINGS THAT ALL EXPOSED METAL PARTS OF THE PROPOSED LIGHT POLES ARE EFFECTIVELY CONNECTED TOGETHER AND TIED TO ELECTRICAL SUPPLY IN A MANNER THAT CREATES A LOW-IMPEDANCE PATH FOR GROUND FAULT CURRENT THAT FACILITATES THE OPERATION OF THE CIRCUIT OVERCURRENT PROTECTION DEVICE, PER NEC 250.4 (A) (5) AND NEC-410.30(B)(5).

O. DEFINITIONS:

- O.1. FURNISH - CONTRACTOR SHALL FURNISH AND INSTALL.
- O.2. FURNISH - CONTRACTOR SHALL OBTAIN FOR OTHERS TO INSTALL.
- O.3. INSTALL - CONTRACTOR IS RESPONSIBLE FOR ALL LABOR AND MATERIALS NECESSARY TO GET THE PROJECT TO THE POINT OF CONNECT, CALIBRATE.

[illegible]

drawn by: SH
 designed by: SH
 project no.: 024-02856-A
 date: 04.18.2025



1. EXISTING PAD MOUNTED UTILITY TRANSFORMER. ROUTE SECONDARY FEEDER BELOW GRADE AND STUB UP INTO PANELBOARD. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION. ROUTING SHOWN IS TO AVOID FUTURE DEVELOPMENT.
2. UNISTRUT MOUNTED PANELBOARD AND LIGHTING CONTROL PANEL(S). REFER TO ENLARGED PLANS FOR ADDITIONAL INFORMATION.

[illegible]

SITE POWER PLAN	
LONGVIEW COMMUNITY CENTER PICKLEBALL COURTS	
LEE SUMMIT, MO	2025

Drawn by: SH
Designed by: SH
Project no.: 024-02856-A
Date: 04.18.2025



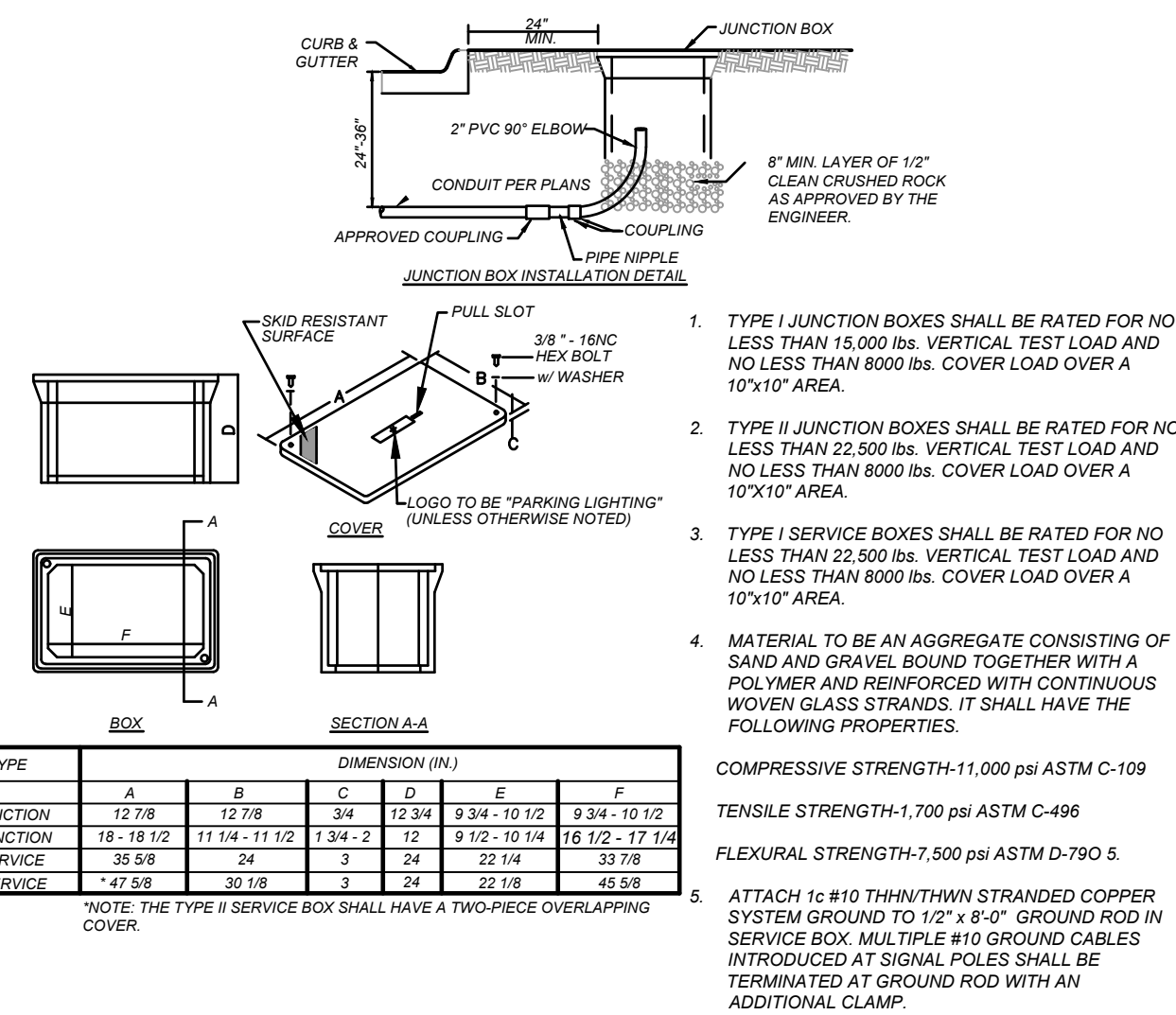
1. (2)-#10 AND (1)-#10 GROUND IN 1" CONDUIT.
2. (3)- 1" EMPTY CONDUITS WITH PULL STRINGS.
3. (2)-#10 and (1)-#10 GROUND IN 1" CONDUIT AND (1)-1" EMPTY CONDUIT WITH PULL STRINGS.

PANEL SCHEDULE															
PANEL DESIGNATION			SERVICE:	PANEL SIZE			LOCATION								
HP1			277480V-3PH/4W FED FROM: UTILITY XFMR	MAIN BUS: 200 AMPS W / 200 AMP MAIN CKT BREAKER			PANEL OPTIONS: GND BUS								
REV NO.	NOTE NO.	CIRC NO.	LOAD DESCRIPTION	CIRC BRKR	POLES	LOAD (VA)	PHASE LOADS (VA)			LOAD (VA)	POLES	CIRC BRKR			
							A	B	C						
		1	PANEL SUPPLY XFMR TF	50	3	9320	9320								
		3	-	-	-	8940		8940							
		5	-	-	-	8600			8600						
		7	SPORTS LIGHTING COURT 1-2	20	1	2592	2592								
		9	SPORTS LIGHTING COURT 3-4	20	1	2592		2592							
		11	SPORTS LIGHTING COURT 5-6	15	1	2592			2592						
		13	SPORTS LIGHTING COURT 9-10	15	1	2592	2592								
		15	SPORTS LIGHTING COURT 11-12	15	1	2592		2592							
		17	SPORTS LIGHTING COURTS 7-8	20	1	2592			2592						
		19	PEDESTRIAN WALKWAY LIGHTING	20	1	234	234								
		21	CANOPY LIGHTING	20	1	120		120							
		23	TIME CLOCK						0						
		25	SPARE			0									
		27	SPARE				0								
		29	SPARE					0							
		31	SPARE			0									
		33	SPARE				0								
		35	SPARE					0							
		37	SPARE			0									
		39	SPARE						0						
		41	SPARE							0					
TOTAL CONNECTED PER PHASE (VA)							14738	14244	13784	Diversity Factor calculated based on NEC, section 220					
PHASE AMPERAGE (A)							53	51	50	NOTES:					
PANEL CONNECTED LOAD (VA)							42766.00								
DIVERSIFIED CONNECTED LOAD							38692.50								
MINIMUM PANEL/FEEDER SIZE (AMPS)							96%								
							47								

[illegible]

SYMBOL	TYPE	DESCRIPTION	MANUFACTURER AND MODEL	LAMPS	LUMENS	COLOR TEMP / CRI	DRIVER	VOLTAGE / WATTAGE
	A	LED AREA LIGHT FIXTURES ON 22FT POLE WITH BASE PER MANUFACTURER.	LSI LIGHTING CORP# ZNL-78L-CT-UNV-50-BLK POLE: 4SQ-S11G-22-S-BLK	LED	77,488	4000K / 80	0-10V DIMMING	277V / 648
	B	DOUBLE HEAD LED AREA LIGHT FIXTURES ON 22FT POLE WITH BASE PER MANUFACTURER.	LSI LIGHTING CORP# ZNL-78L-CT-UNV-50-BLK POLE: 4SQ-S11G-22-D180-BLK	LED	77,488	4000K / 80	0-10V DIMMING	277V / 1296
	C	COMPACT LANDSCAPE FLOOD LUMINAIRE . SEE NOTE #2 BELOW	LUMENPULSE LIGHTING# LBS-27-40K-FL-BK-DIM-CN-3FT	LED	1,419	4000K / 80	0-10V DIMMING	277V / 14
	D	DECORATIVE POST TOP FIXTURE WITH INTEGRAL PHOTSENSOR ON 12FT POLE WITH BASE PER MANUFACTURER.	LSI LIGHTING CORP# ENM4-PT-2-LED-10L-40-UNV-BLK-MSBT1L POLE: 4RP-B-SOTG-12-S-BLK	LED	10,000	4000K	0-10V DIMMING	277V / 78

NOTES:
 1. REFER TO MANUFACTURER DETAILS FOR BASE DETAIL AND ALL REQUIREMENTS TO MAKE A COMPLETE ASSEMBLY.
 2. PROVIDE JUNCTION BOX MOUNTING ON 8" DIAMETER POLE. COORDINATE DRILLING WITH POLE PROVIDER.



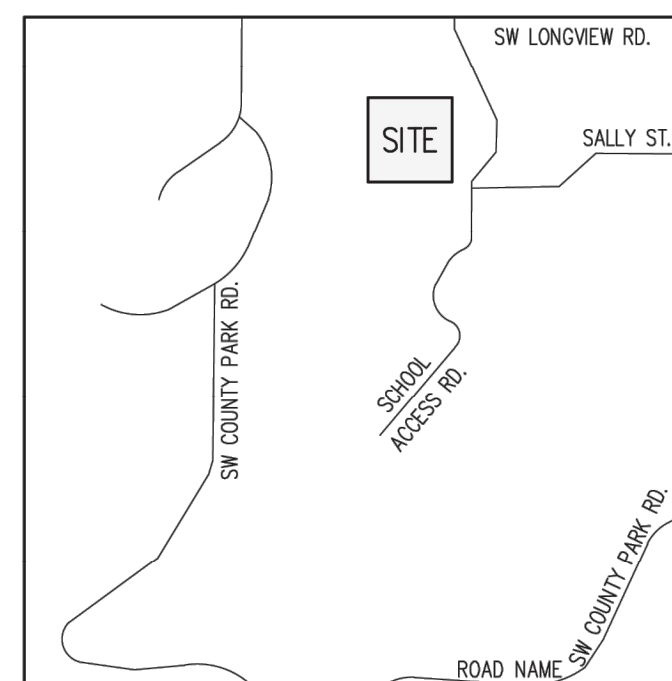
TAG ID	OCPD	FEEDER						
		SETS	PHASE	NEUTRAL	GROUND	CONDUIT	MATERIAL	REMARKS
200-3S	200A	1	3 - #250 MCM	1 - #250 MCM	-	3"	COPPER	VOLTAGE DROP
100-4	100A	1	3 - #3	1 - #3	1 - #8	1-1/4"	COPPER	-
50-3	50A	1	3 - #6	-	1 - #10	1"	COPPER	-
200-G	200A	1	-	-	1 - #2	-	COPPER	-
20-1	20A	1	3 - #12	-	1 - #12	1/2"	COPPER	-

1. CONDUCTOR SIZING BELOW 100A IS SIZED PER 60°C TEMPERATURE RATING. ALL CONDUCTORS 100A AND HIGHER ARE SIZED PER 75°C TEMPERATURE RATING.
2. CONDUIT INSTALLED BELOW SLAB SHALL BE RIGID STEEL, IMC, PVC OR HDPE, MINIMUM 3/4". IF PVC OR HDPE IS USED, TRANSITION TO RIGID STEEL BEFORE TURNING UP AND PENETRATING FLOOR SLAB.
3. ALL CONDUCTORS SHALL HAVE AN INSULATION RATING OF 90°C.
4. REFERENCE SPECIFICATIONS FOR CONDUIT MATERIALS AT DIFFERENT LOCATIONS.

SHEET
E300

CERTIFICATE OF SURVEY

NE 1/4 SEC. 09 TWP. 47, RNG. 32
KANSAS CITY, JACKSON COUNTY, MISSOURI



VICINITY MAP
SEC. 9, TWP. 47N, RNG. 32W
NOT TO SCALE

PROPERTY DESCRIPTION:

SURVEY DESCRIPTION:

ALL THAT PART OF THE NORTHEAST QUARTER OF SECTION 9, TOWNSHIP 47 NORTH, RANGE 32 WEST, LEE'S SUMMIT, JACKSON COUNTY, MISSOURI, DESCRIBED AS FOLLOWS: COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 9, THENCE N87°35'48"W ALONG THE NORTHERLY LINE OF SAID SECTION 9, 2100.11 FEET (DEED=2100.00 FEET), TO THE WEST LINE OF TRACT 1 DESCRIBED IN DOCUMENT NO. 2014E0081914 IN THE JACKSON COUNTY RECORDER OF DEEDS OFFICE; THENCE S03°15'09"W ALONG SAID WEST LINE AND THE WEST LINE OF A SURVEY BY TALIAFERRO & BROWNE INC. RECORDED AS DOCUMENT NO. 2018E0076617 IN THE JACKSON COUNTY RECORDER OF DEEDS (THROUGH A 3 1/4" ALUMINUM MONUMENT MARKED USACE BEING 0.10 FEET SOUTH OF SAID NORTHERLY LINE) 516.63 FEET TO THE SOUTHWEST CORNER OF SAID SURVEY, BEING THE POINT OF BEGINNING OF THE TRACT HEREIN DESCRIBED; THENCE S87°35'05"E ALONG THE SOUTH LINE OF SAID SURVEY, 568.64 FEET; THENCE S02°53'59"W, 54.60 FEET; THENCE N84°04'01"W, 43.47 FEET TO THE CENTER OF A CREEK; THENCE ALONG THE CENTER OF SAID CREEK THE FOLLOWING 15 COURSES: S20°08'43"W, 44.22 FEET; THENCE S49°05'51"W, 83.23 FEET; THENCE S62°14'47"W, 51.62 FEET; THENCE S08°07'38"E, 51.18 FEET; THENCE S51°47'36"W, 100.65 FEET; THENCE S28°23'02"W, 79.26 FEET; THENCE S76°37'45"W, 57.67 FEET; THENCE S31°13'53"W, 50.16 FEET; THENCE S50°00'25"W, 108.45 FEET; THENCE S67°00'00"W, 245.40 FEET; THENCE N49°53'52"W, 34.11 FEET; THENCE S60°26'29"W, 125.74 FEET; THENCE N78°10'21"W, 98.88 FEET; THENCE S57°54'50"W, 99.18 FEET; THENCE N64°25'12"W, 67.80 FEET TO THE WEST LINE OF SAID TRACT 1; THENCE N03°15'09"E ALONG SAID WEST LINE, 725.63 FEET, TO THE POINT OF BEGINNING, CONTAINING 12.97 ACRES MORE OR LESS AND BEING SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY OR RESTRICTIONS OF RECORD.

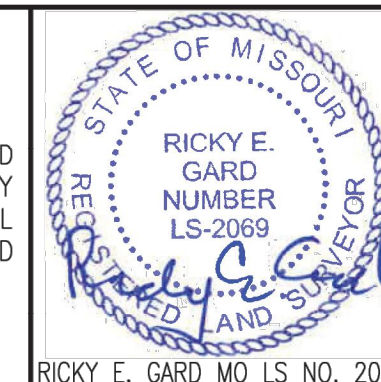
SURVEYOR'S NOTES:

- THIS IS A PARTIAL BOUNDARY SURVEY OF TRACT 1 DESCRIBED IN DOCUMENT NO. 2014-E-0081914.
- SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
- BEARINGS SHOWN HEREON ARE GRID BEARINGS BASED ON THE MISSOURI COORDINATE SYSTEM OF 1983, WEST ZONE, AS DEVELOPED FROM GPS OBSERVATIONS.
- ACCURACY STANDARD: TYPE URBAN
- PREPARED FOR:
METROPOLITAN COMMUNITY COLLEGE
c/o HARDWICK LAW FIRM
2405 GRAND BLVD., SUITE 800
KANSAS CITY, MISSOURI 64108

SURVEYOR'S CERTIFICATION:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE CURRENT STANDARDS FOR PROPERTY BOUNDARY SURVEYS AS ESTABLISHED BY THE MISSOURI BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, PROFESSIONAL LAND SURVEYORS AND LANDSCAPE ARCHITECTS. THE FIELD WORK WAS COMPLETED ON JUNE 26, 2023.

DATE: June 27, 2023



T & B PROJECT NO.

04-4690-001

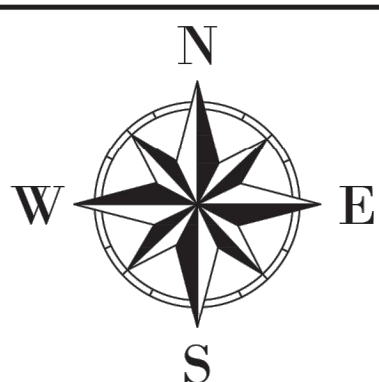
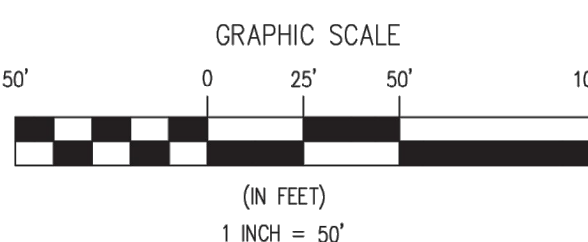
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04-4690V-BS01.DWG

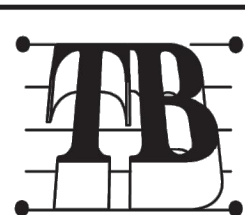
Sheet 1 of 1

LEGEND

- CONC. CURB INLET
- CONC. DEED
- EM ELECTRIC METER
- GR GRATE INLET
- GM GAS METER
- GR GAS REGULATOR
- GV GAS VALVE
- GW GUY WIRE ANCHOR
- M MEASURED
- MH MANHOLE
- PVC POLYVINYL CHLORIDE
- RCP REINFORCED CONC. PIPE
- R/W RIGHT-OF-WAY
- SAN SANITARY
- STM STORM
- TR TELEPHONE RISER
- UNK UNKNOWN
- UNDERGROUND ELECTRIC
- FIBER OPTICS
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- SANITARY SEWER
- STORM SEWER
- UNDERGROUND COMMUNICATION
- WATER
- WATER METER
- UTILITY POLE
- LIGHT POLE
- FIRE HYDRANT
- WATER VALVE
- MONUMENT EXISTING
- MONUMENT SET



DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP
DRAWN: DLJ	DATE: 6.27.2023	CHECKED: REG	DATE: 6.27.2023		
APPROVED: REG	DATE: 6.27.2023	P.C.: NP	SCALE: 1" = XX'		



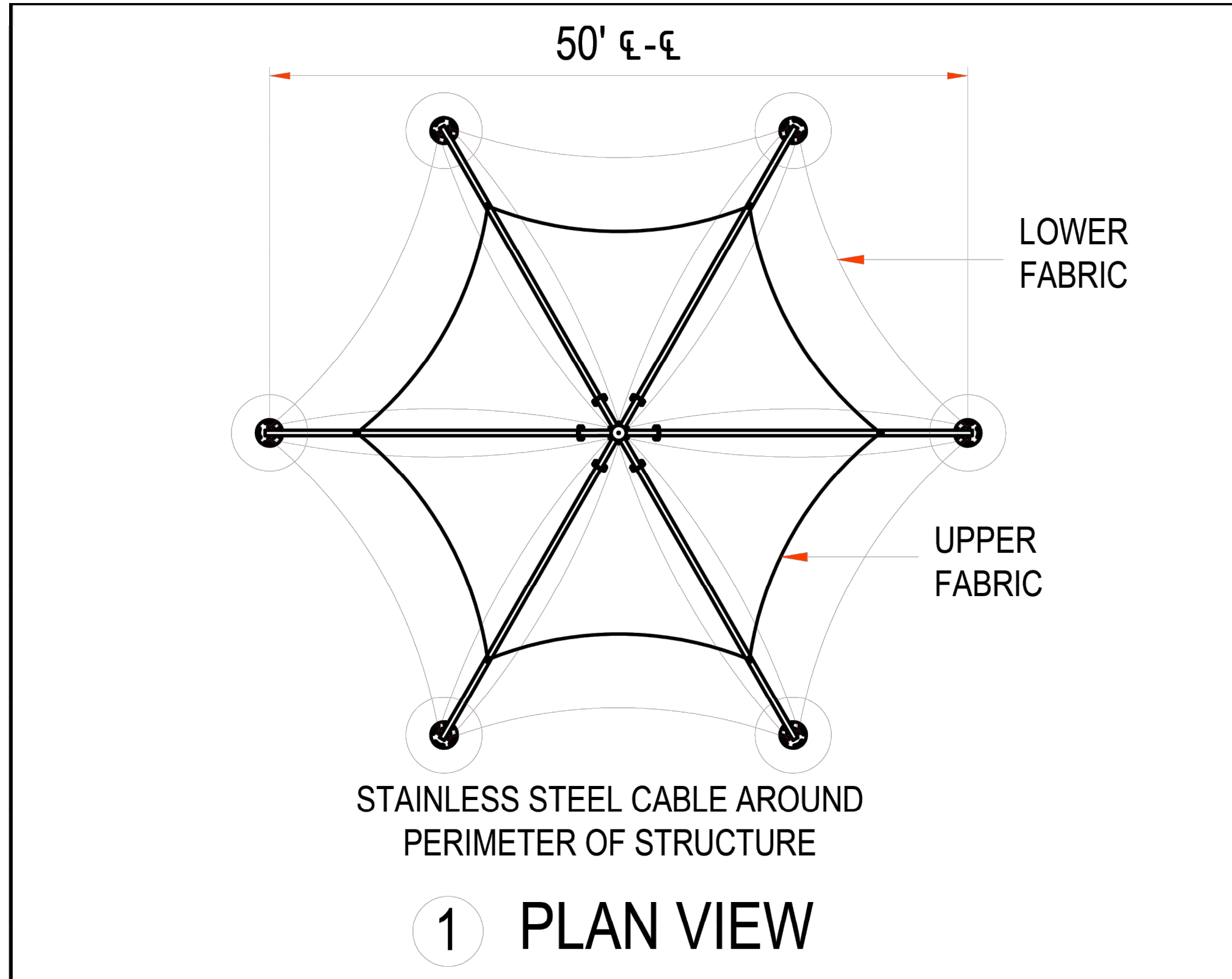
TALIAFERRO & BROWNE, INC.
CONSULTING ENGINEERS-SURVEYORS
1020 EAST 8TH ST., KANSAS CITY, MO, 64106
PH: (816) 283-3458 FAX: (816) 283-0841

PROFESSIONAL ENGINEERING CORPORATION
MISSOURI LICENSE NO. 000466 KANSAS LICENSE NO. E-1481
PROFESSIONAL SURVEYING CORPORATION
MISSOURI LICENSE NO. 000094 KANSAS LICENSE NO. LS-196

FOR: METROPOLITAN COMMUNITY COLLEGE

MCC Longview to Lee's Summit Parks & Recreation Department

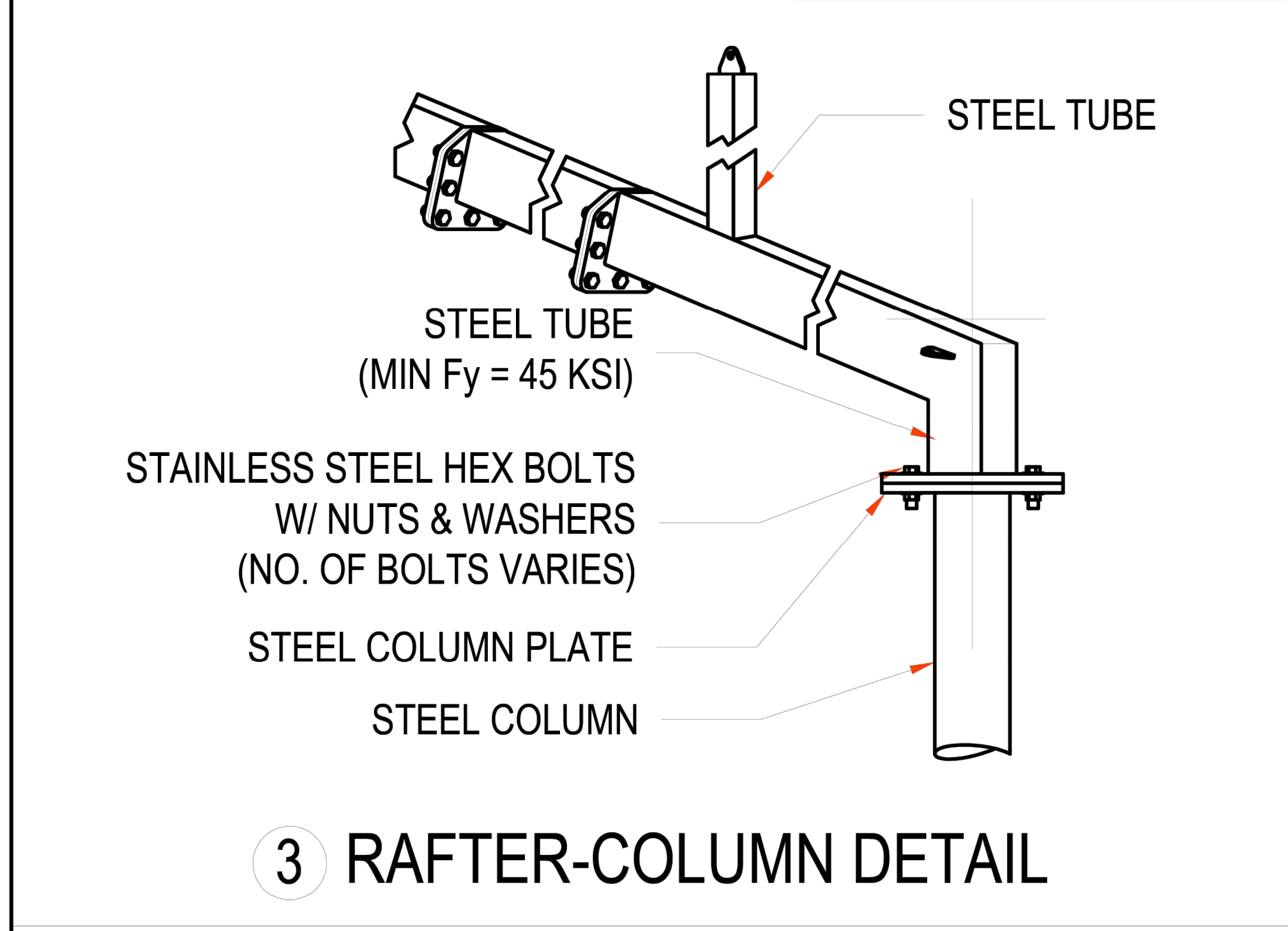
CERTIFICATE OF SURVEY



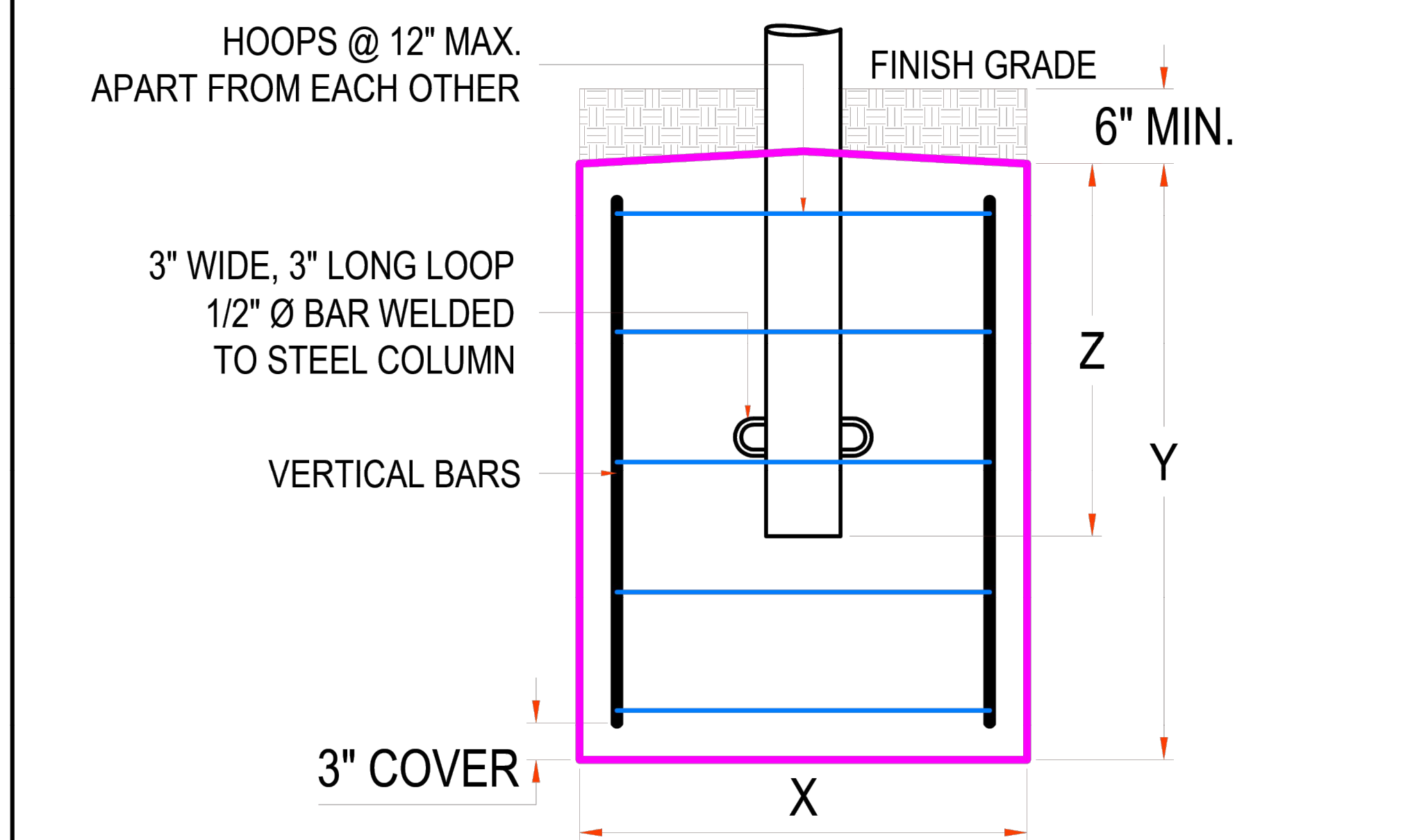
1 PLAN VIEW

ALL WELDS TO BE 3/16" FULL PERIMETER FILLET UNLESS NOTED OTHERWISE

ALL CONNECTION COMPONENTS ARE FACTORY WELDED



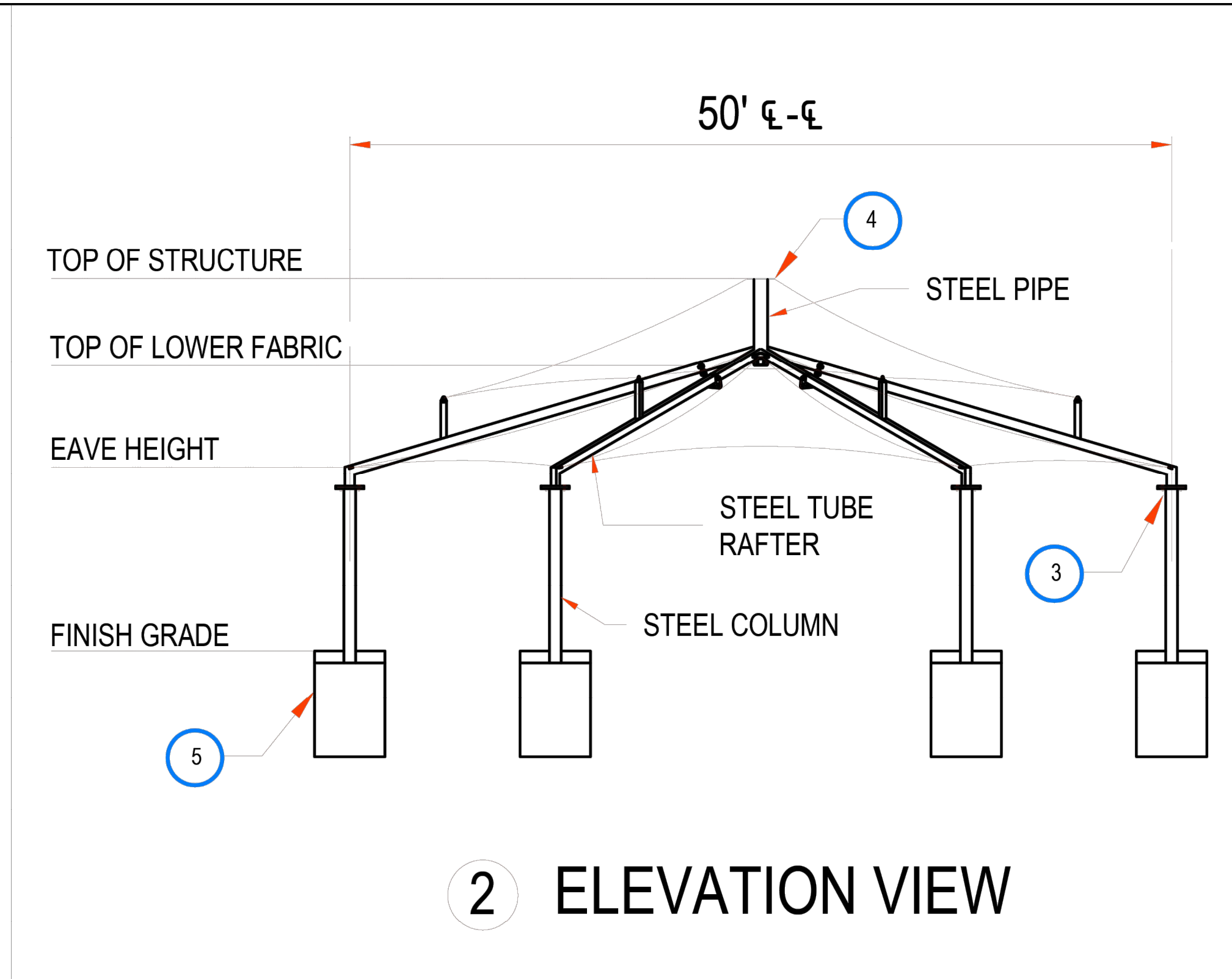
3 RAFTER-COLUMN DETAIL



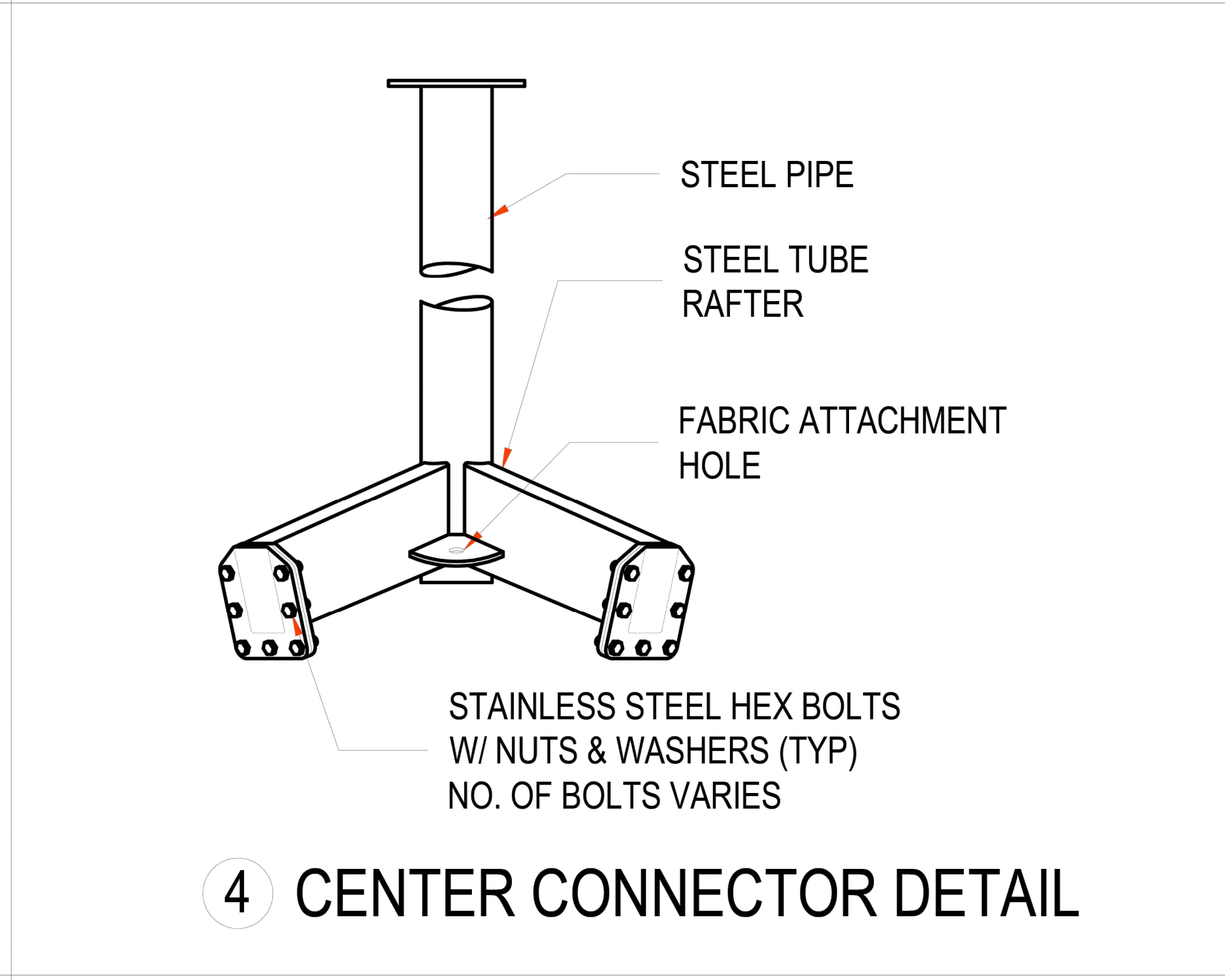
5 STANDARD FOOTING DETAIL

IN-GROUND BURY

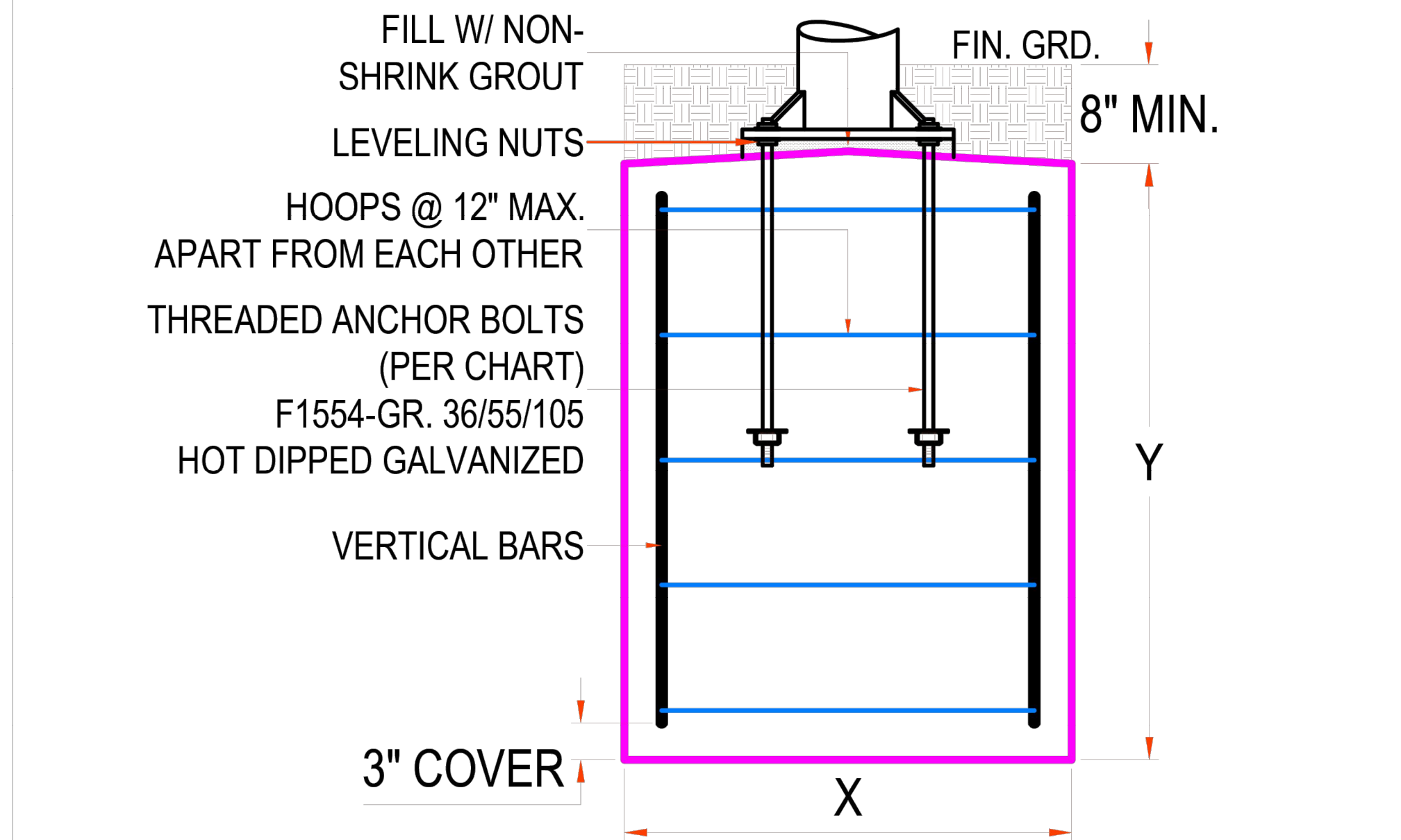
NOTE: HOOPS & REBARS NOT SUPPLIED BY FACTORY



2 ELEVATION VIEW



4 CENTER CONNECTOR DETAIL



6 ALTERNATIVE FOOTING DETAIL

PIER MOUNT

NOTE: GROUT, HOOPS, REBARS & ANCHOR BOLTS NOT SUPPLIED BY FACTORY

NOTES:

Shade systems
INC.
4150 S.W. 19 Street
Ocala, FL 34474
Tel.: 1-800-609-6066
EMAIL: info@shadesystemsinc.com

GENERAL NOTES

1- THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.

2- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

3- THE SHADE SYSTEMS, INC.™ STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE (IBC) INTERNATIONAL BUILDING CODE

4- DO NOT SCALE DRAWING.

5- ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

6- SHADE SYSTEMS, INC. MANUFACTURERS CUSTOM FABRIC TENSIONED SHADE STRUCTURES OF ALL MAKES, MODELS, AND SIZES. IF YOU NEED ASSISTANCE WITH CUSTOM PRODUCT PLEASE REACH JEREMY PURKIS AT 800-609-6066, OR EMAIL: JEREMY@SHADESYSTEMSINC.COM

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Model Name: MULTI LEVEL HEXAGONAL SHADE SYSTEMS STRUCTURE															
Model Number: ML50--															
8'-0" EAVE HEIGHT															
COLUMN SIZE = 8" DIA.															
STANDARD FOOTER								SPREAD FOOTER							
INGROUND				PIER MOUNT				INGROUND				PIER MOUNT			
X	Y	Z	NO. OF VERTICAL BARS	X	Y	ANCHOR BOLT SIZE/ LENGTH	NO. OF VERTICAL BARS	SQ.	DEPTH	NUMBER OF HORIZONTAL REBARS EACH WAY	SQ.	DEPTH	ANCHOR BOLT SIZE/ LENGTH	NUMBER OF HORIZONTAL REBARS EACH WAY	
42"	54"	36"	16	42"	54"	Ø3/4" 36"	16	60" X 60"	42"	5	60" X 60"	42"	Ø3/4" 24"	5	
10'-0" EAVE HEIGHT															
COLUMN SIZE = 8" DIA.															
STANDARD FOOTER								SPREAD FOOTER							
INGROUND				PIER MOUNT				INGROUND				PIER MOUNT			
X	Y	Z	NO. OF VERTICAL BARS	X	Y	ANCHOR BOLT SIZE/ LENGTH	NO. OF VERTICAL BARS	SQ.	DEPTH	NUMBER OF HORIZONTAL REBARS EACH WAY	SQ.	DEPTH	ANCHOR BOLT SIZE/ LENGTH	NUMBER OF HORIZONTAL REBARS EACH WAY	
42"	60"	40"	16	42"	60"	Ø3/4" 36"	16	63" X 63"	42"	6	63" X 63"	42"	Ø3/4" 24"	6	
12'-0" EAVE HEIGHT															
COLUMN SIZE = 8" DIA.															
STANDARD FOOTER								SPREAD FOOTER							
INGROUND				PIER MOUNT				INGROUND				PIER MOUNT			
X	Y	Z	NO. OF VERTICAL BARS	X	Y	ANCHOR BOLT SIZE/ LENGTH	NO. OF VERTICAL BARS	SQ.	DEPTH	NUMBER OF HORIZONTAL REBARS EACH WAY	SQ.	DEPTH	ANCHOR BOLT SIZE/ LENGTH	NUMBER OF HORIZONTAL REBARS EACH WAY	
48"	66"	44"	21	48"	66"	Ø3/4" 36"	21	66" X 66"	42"	6	66" X 66"	42"	Ø3/4" 24"	6	
14'-0" EAVE HEIGHT															
COLUMN SIZE = 8" DIA.															
STANDARD FOOTER								SPREAD FOOTER							
INGROUND				PIER MOUNT				INGROUND				PIER MOUNT			
X	Y	Z	NO. OF VERTICAL BARS	X	Y	ANCHOR BOLT SIZE/ LENGTH	NO. OF VERTICAL BARS	SQ.	DEPTH	NUMBER OF HORIZONTAL REBARS EACH WAY	SQ.	DEPTH	ANCHOR BOLT SIZE/ LENGTH	NUMBER OF HORIZONTAL REBARS EACH WAY	
48"	72"	48"	21	48"	72"	Ø3/4" 36"	21	69" X 69"	42"	6	69" X 69"	42"	Ø3/4" 24"	6	

BASIS OF DESIGN
FOR INFORMATION ONLY
EQUIVALENT PRODUCTS / DESIGN TO BE SUBMITTED WITH BID

olsson

1814 Main Street
Kansas City, MO 64108
olsson.com
TEL 816.842.8844
Olsson - Landscape Architecture
Missouri COA #2005000285

BY

DESCRIPTION

DATE

REV. NO.

REVISIONS

2025

MULTI-LEVEL HEXAGONAL SHADE CANOPY

LONGVIEW PARK PICKLEBALL COMPLEX

LEE'S SUMMIT, MISSOURI

drawn by:
designed by:
project no.: A24-02856
date: 04.01.2025

SHEET
L703



INGROUND				PIER MOUNT			INGROUND				PIER MOUNT			
X	Y	Z	NO. OF VERTICAL BARS	X	Y	ANCHOR BOLT SIZE LENGTH	NO. OF VERTICAL BARS	SQ.	DEPTH	NUMBER OF HORIZONTAL REBARS EACH WAY	SQ.	DEPTH	ANCHOR BOLT SIZE LENGTH	NUMBER OF HORIZONTAL REBARS EACH WAY
36"	72"	48"	12	36"	72"	Ø3/4" 36"	12	52" X 52"	42"	5	52" X 52"	42"	Ø3/4" 24"	5