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Date: Monday, December 2, 2024 1:02:49 PM



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

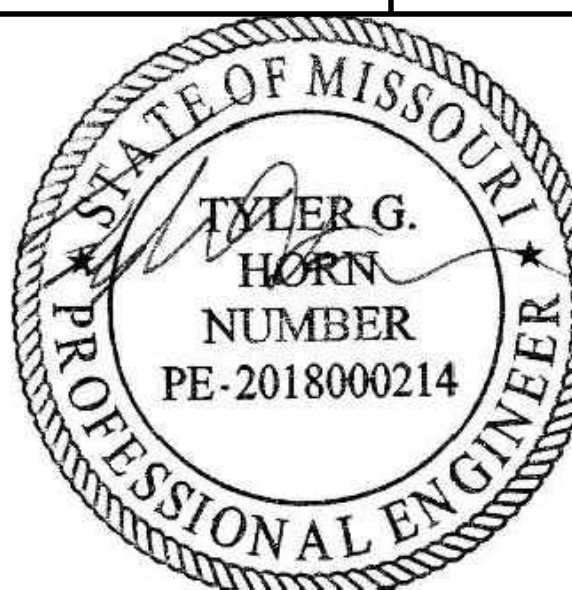


1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI
EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



SEALED DIGITALLY
JANUARY 4, 2024

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

10/13/24 REV-4
10/29/24 REV-5

MARK DATE DESCRIPTION

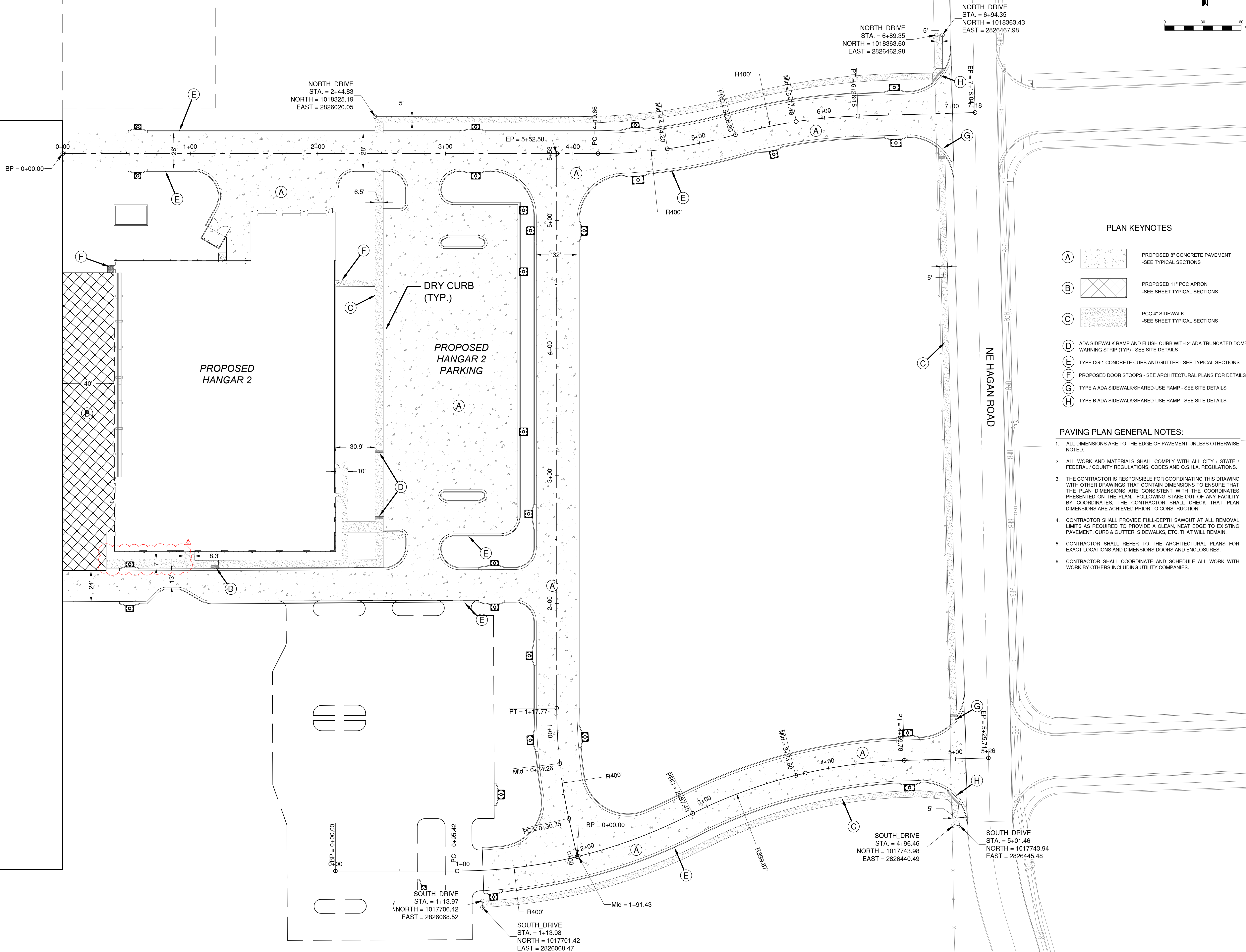
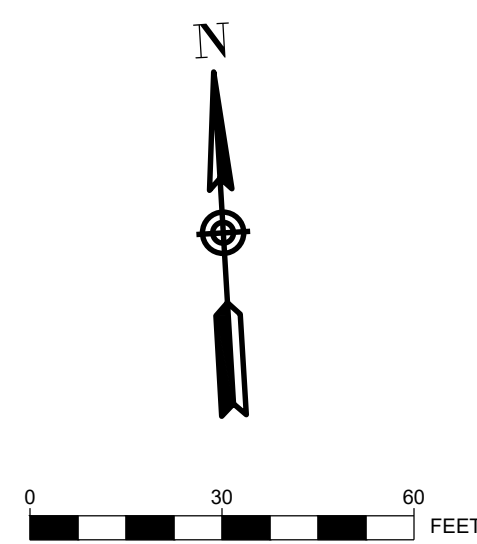
PROJECT NO.: 47732472
CAD DWG FILE: PAVING PLAN
DESIGNED BY: WLC
DRAWN BY: WLC
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SHEET TITLE

PAVING PLAN

C103

SHEET 010 OF 133

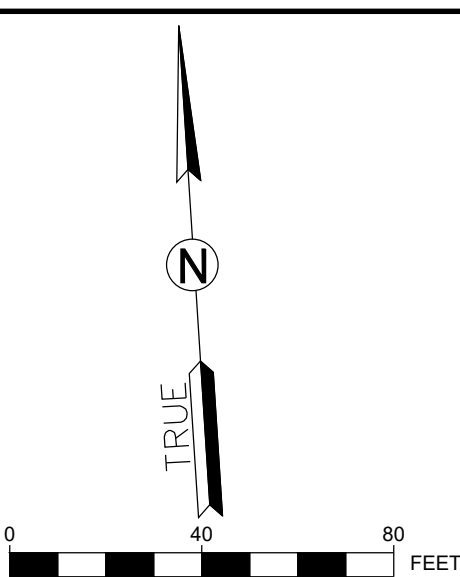
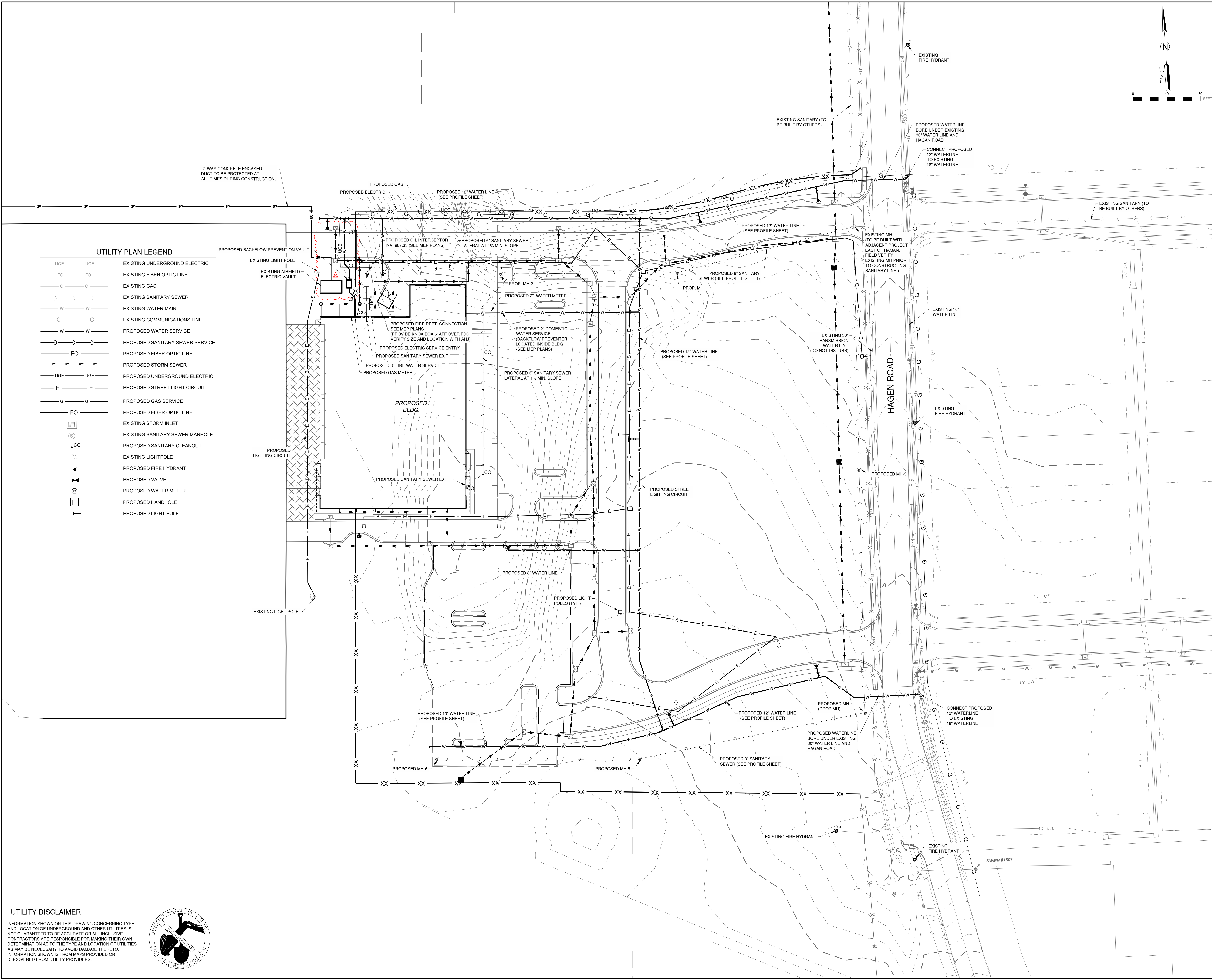


PLAN KEYNOTES

- (A) PROPOSED 8" CONCRETE PAVEMENT - SEE TYPICAL SECTIONS
- (B) PROPOSED 11" PCC APRON - SEE SHEET TYPICAL SECTIONS
- (C) PCC 4" SIDEWALK - SEE SHEET TYPICAL SECTIONS
- (D) ADA SIDEWALK RAMP AND FLUSH CURB WITH 2" ADA TRUNCATED DOME WARNING STRIP (TYP) - SEE SITE DETAILS
- (E) TYPE CG-1 CONCRETE CURB AND GUTTER - SEE TYPICAL SECTIONS
- (F) PROPOSED DOOR STOOPS - SEE ARCHITECTURAL PLANS FOR DETAILS
- (G) TYPE A ADA SIDEWALK/SHARED-USE RAMP - SEE SITE DETAILS
- (H) TYPE B ADA SIDEWALK/SHARED-USE RAMP - SEE SITE DETAILS

PAVING PLAN GENERAL NOTES:

- ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY / STATE / FEDERAL / COUNTY REGULATIONS, CODES AND O.S.H.A. REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS DRAWING WITH OTHER DRAWINGS THAT CONTAIN DIMENSIONS TO ENSURE THAT THE PLAN DIMENSIONS ARE CONSISTENT WITH THE COORDINATES PRESENTED ON THE PLAN. FOLLOWING STAKE-OUT OF ANY FACILITY BY COORDINATES, THE CONTRACTOR SHALL CHECK THAT PLAN DIMENSIONS ARE ACHIEVED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE FULL-DEPTH SAWCUT AT ALL REMOVAL LIMITS AS REQUIRED TO PROVIDE A CLEAN, NEAT EDGE TO EXISTING PAVEMENT, CURB & GUTTER, SIDEWALKS, ETC. THAT WILL REMAIN.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS DOORS AND ENCLOSURES.
- CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH WORK BY OTHERS INCLUDING UTILITY COMPANIES.



UTILITY PLAN LEGEND		
— UGE —	UGE	EXISTING UNDERGROUND ELECTRIC
— FO —	FO	EXISTING FIBER OPTIC LINE
— G —	G	EXISTING GAS
— W —	W	EXISTING SANITARY SEWER
— C —	C	EXISTING COMMUNICATIONS LINE
— W —	W	PROPOSED WATER SERVICE
— W —	W	PROPOSED SANITARY SEWER SERVICE
— FO —	FO	PROPOSED FIBER OPTIC LINE
— W —	W	PROPOSED STORM SEWER
— UGE —	UGE	PROPOSED UNDERGROUND ELECTRIC
— E —	E	PROPOSED STREET LIGHT CIRCUIT
— G —	G	PROPOSED GAS SERVICE
— FO —	FO	PROPOSED FIBER OPTIC LINE
	CO	EXISTING STORM INLET
	CO	EXISTING SANITARY SEWER MANHOLE
	CO	PROPOSED SANITARY CLEANOUT
		EXISTING LIGHTPOLE
		PROPOSED FIRE HYDRANT
		PROPOSED VALVE
		PROPOSED WATER METER
		PROPOSED HANDHOLE
		PROPOSED LIGHT POLE

UTILITY DISCLAIMER

INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTORS ARE RESPONSIBLE FOR MAKING THEIR OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. INFORMATION SHOWN IS FROM MAPS PROVIDED OR DISCOVERED FROM UTILITY PROVIDERS.



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LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI
EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO
07/10/24 REV-4
10/29/24 REV-5

MARK	DATE	DESCRIPTION
PROJECT NO.: 47732472		
CAD DWG FILE: UTILITY PLAN		
DESIGNED BY: WLC		
DRAWN BY: WLC		
CHECKED BY: JRC		
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SHEET TITLE

UTILITY PLAN

C113
SHEET 023 OF 133

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Date: Monday, December 2, 2024 11:13:21 PM

FENCING NOTES:

1. THE EXISTING CHAIN-LINK FABRIC, BARBED WIRE, POSTS AND OTHER MISCELLANEOUS COMPONENTS OF THE FENCING THAT IS REMOVED SHALL BE OFFERED TO THE AIRPORT AND THE AIRPORT SHALL HAVE THE RIGHT TO RETAIN ANY REMOVED MATERIAL AT NO ADDITIONAL COST TO THE CONTRACT. THE CONTRACTOR SHALL TAKE CARE TO PRESERVE THE INTEGRITY OF THE EXISTING FENCE TO BE REMOVED TO THE GREATEST EXTENT POSSIBLE. IN THE REMOVAL PROCESS, ANY MATERIAL DESIRED BY THE AIRPORT SHALL BE STOCKPILED BY THE CONTRACTOR IN A LOCATION AT THE AIRPORT TO BE DETERMINED BY THE ENGINEER. ANY FENCING OR FENCING COMPONENTS THAT ARE NOT DESIRED BY THE AIRPORT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF OFF AIRPORT PROPERTY IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS. STOCKPILING OF THE MATERIALS AND/OR DISPOSAL OF THE MATERIALS OFF AIRPORT PROPERTY SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE FENCE REMOVAL.
2. THE CONTRACTOR SHALL SEQUENCE THE CONSTRUCTION OF THE NEW FENCE AND THE REMOVAL OF THE OLD FENCE IN A MANNER TO MAINTAIN A SECURED AIRPORT PERIMETER AT ALL TIMES. THE NEW FENCE SHALL BE CONSTRUCTED AND TIED INTO THE EXISTING FENCE PRIOR TO REMOVAL OF THE OLD FENCE.
3. CONTRACTOR IS RESPONSIBLE FOR LOCATING UTILITIES PRIOR TO PERFORMING ANY WORK ON SITE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT THE EXPENSE OF THE CONTRACTOR.

PLAN LEGEND

- X — EXISTING CHAIN-LINK FENCE
— XX — PROPOSED CHAIN-LINK FENCE

PLAN KEYNOTES

- (A) 32' AUTOMATIC SLIDING GATE WITH GATE CONTROLLER
(B) STEEL PEDESTAL AND HOUSING WITH ACCESS CONTROL AND INTERCOM
(C) 18' AUTOMATIC SLIDING GATE WITH GATE CONTROLLER
(D) 8' TALL CHAIN LINK FENCE WITH 3 STRANDS OF BARBED WIRE - SEE FENCE DETAILS SHEET
(E) EXISTING PERIMETER FENCE
(F) REMOVAL OF EXISTING PERIMETER FENCE
(G) SINGLE AMERISTAR EXODUS PEDESTRIAN GATE
(H) AMERISTAR MONTAGE COMMERCIAL CLASSIC 8' 4-RAIL PANELS WITH CLASSIC 32' SLIDING TRANSVERSE II GATE

NEW CORNER POST
N=1018346.071
E=2825858.161
NEW GATE POST
N=1018323.815
E=2825856.942

NEW CORNER POST
N=1018328.467
E=2826162.938

NEW CORNER POST
N=1018340.843
E=2826300.472

NEW CORNER POST
N=1018356.100
E=2826449.095

BEGIN NEW FENCE
INSTALLATION, BEGIN
REMOVAL OF EXISTING
FENCE. INSTALL NEW CORNER
POST
N=1018363.541
E=2826461.324

NEW GATE POST
N=1018277.317
E=2825854.256

NEW CORNER POST AT
BUILDING
N=1018221.964
E=2825851.064

NEW CORNER POST AT
BUILDING
N=1017995.059
E=2825838.439

NEW PEDESTRIAN GATE POST
N=1017987.328
E=2825837.999

NEW GATE POST
N=1017981.784
E=2825837.652

NEW PEDESTRIAN GATE POST
N=1017982.086
E=2825841.658

NEW GATE POST
N=1017957.399
E=2825836.389

NEW PEDESTRIAN GATE POST
N=1017982.336
E=2825837.711

NEW GATE POST
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E=2825835.000

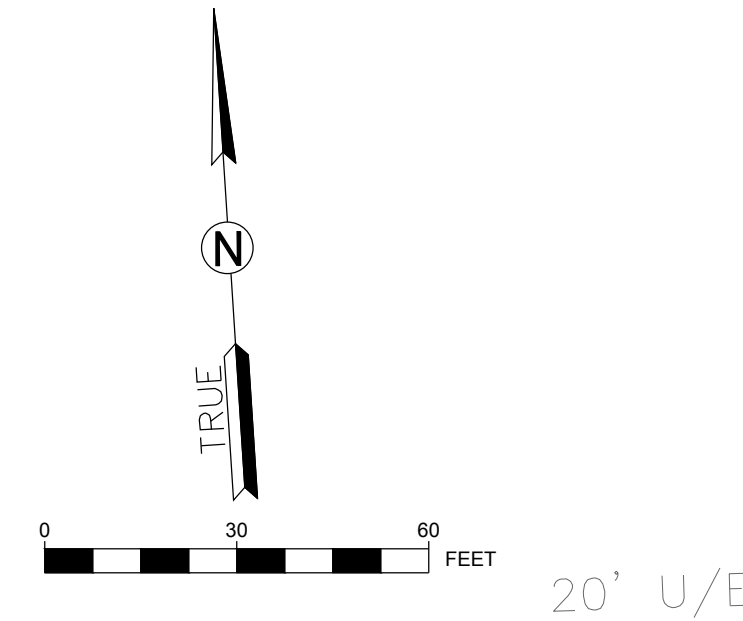
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N=1017668.246
E=2825819.667

NEW CORNER POST
N=1017663.363
E=2825909.396

NEW CORNER POST
N=1017655.333
E=2826062.408

NEW CORNER POST
N=1017644.694
E=2826061.842

END NEW FENCE
INSTALLATION, END EXISTING
FENCE REMOVAL, INSTALL
NEW CORNER POST
N=1017621.072
E=2826417.624



HAGAN ROAD



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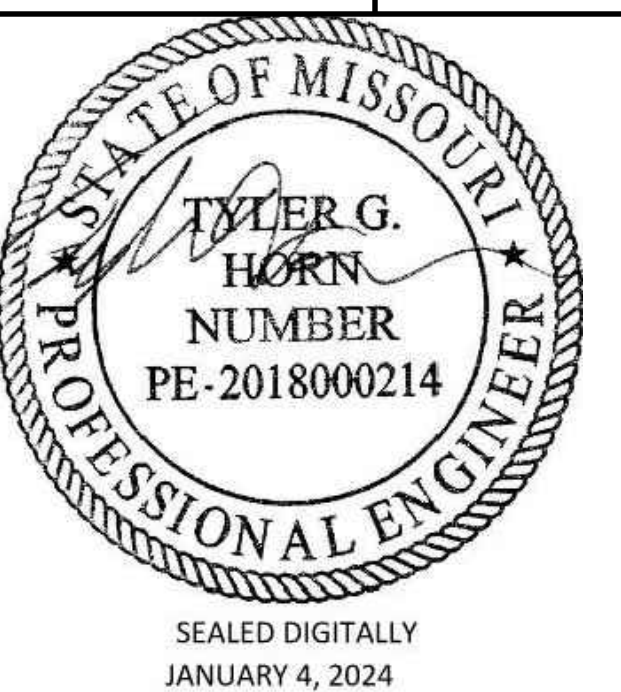


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KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

LEE'S SUMMIT MUNICIPAL AIRPORT LEE'S SUMMIT, MISSOURI EASTSIDE DEVELOPMENT CITY PROJECT NO. - 47732472



LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

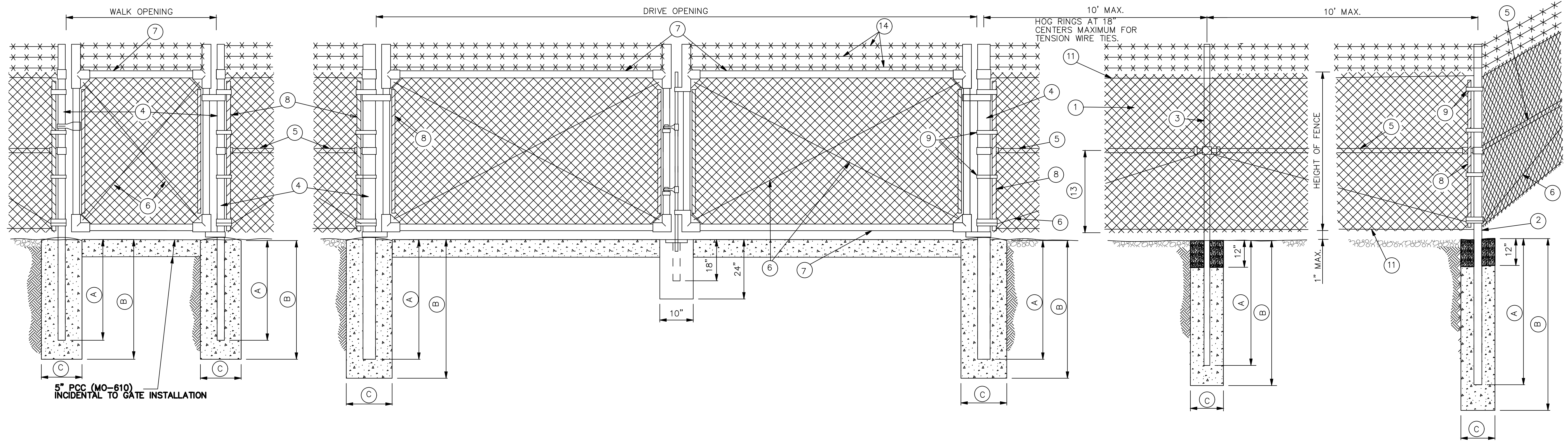
MARK	DATE	DESCRIPTION
PROJECT NO:	47732472	
CAD DWG FILE:	FENCING PLAN	
DESIGNED BY:	WLC	
DRAWN BY:	WLC	
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FENCING PLAN

C131

SHEET 044 OF 133

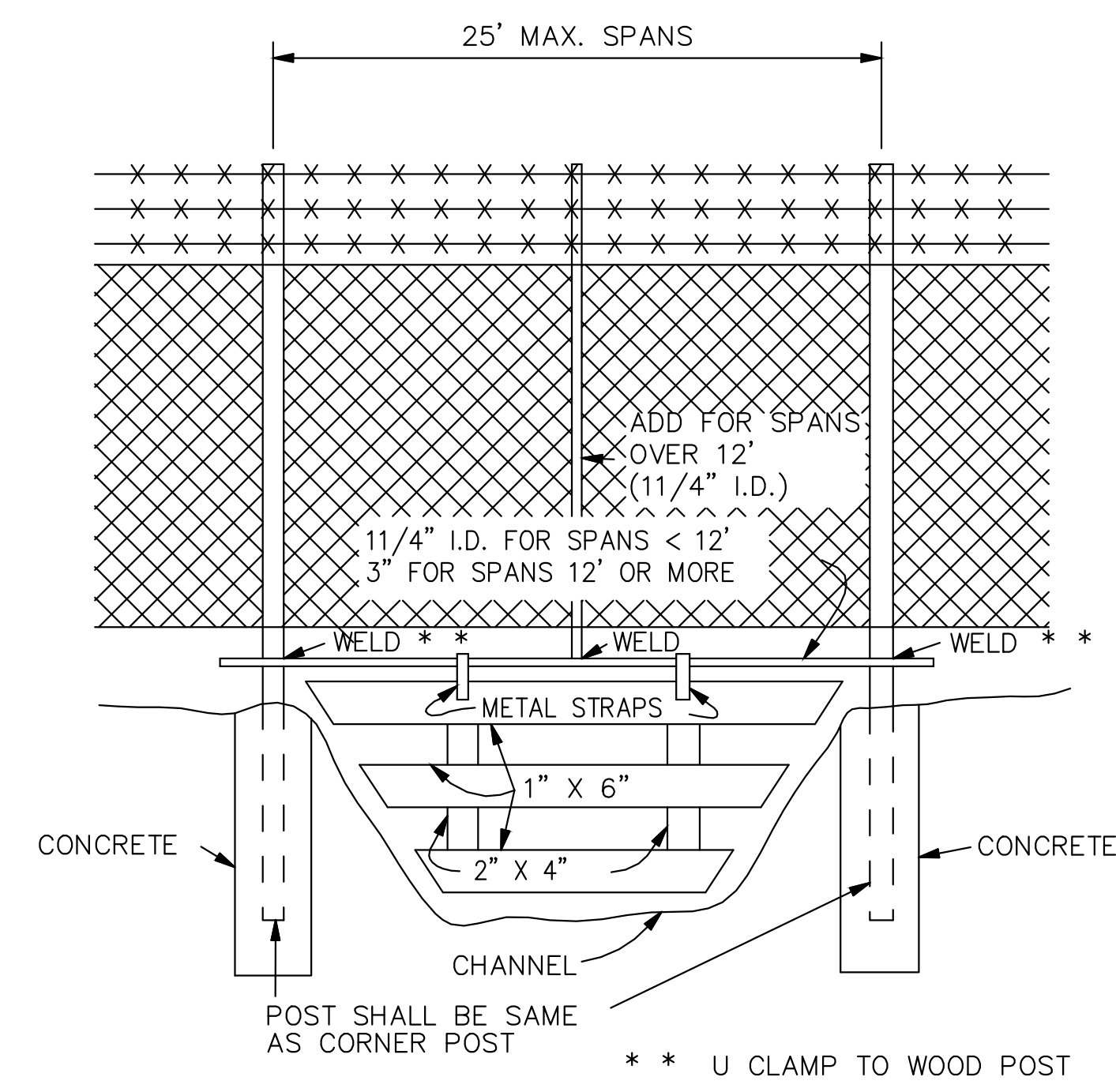


ROADWAY DITCHES OR SMALL SHALLOW CHANNELS
(SPAN WITH NORMAL LINE POST SPACING)

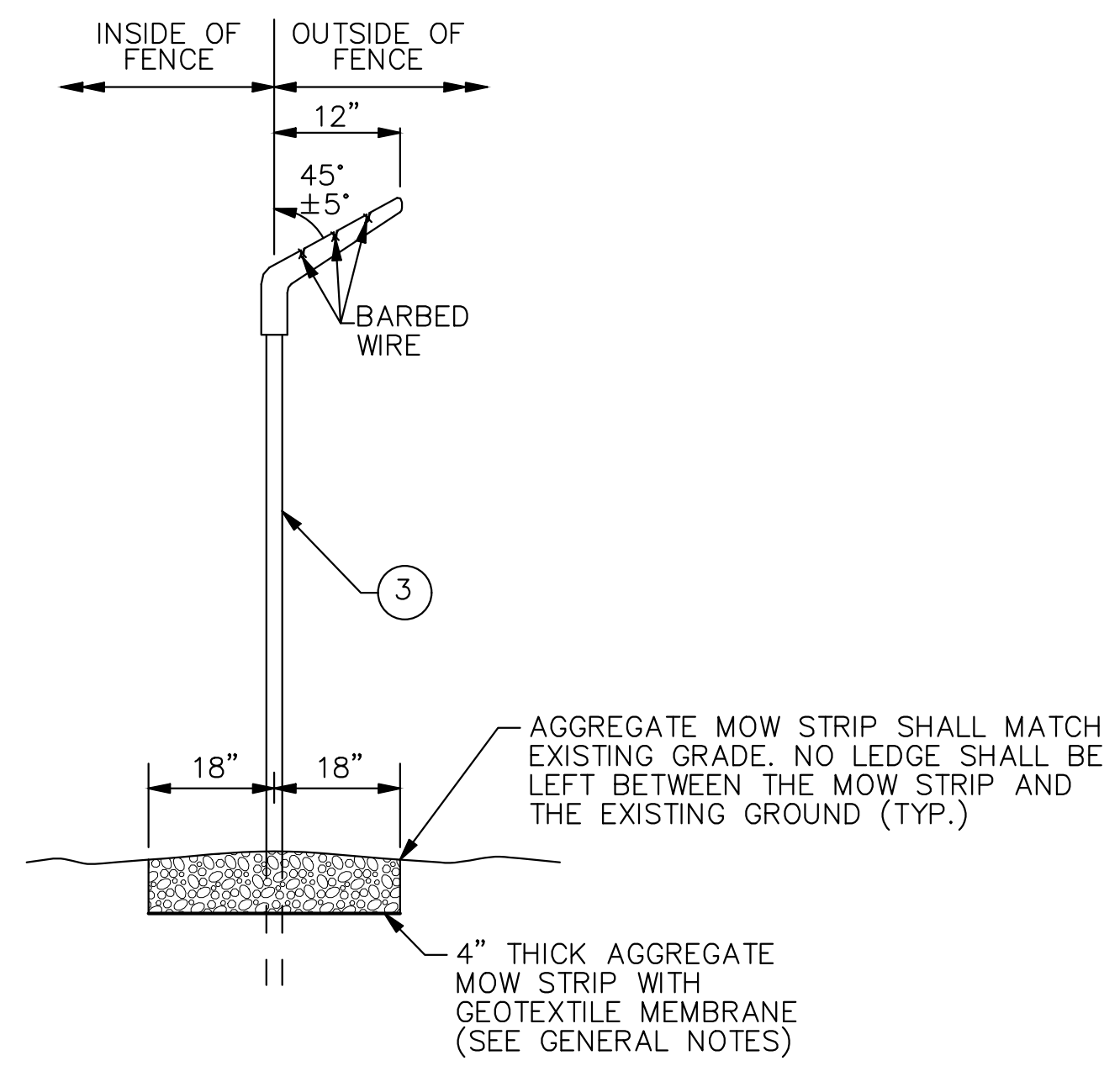
POORLY DEFINED CHANNELS (SMALL DRAINAGE AREAS)

WELL DEFINED CHANNELS (LARGE DRAINAGE AREAS)

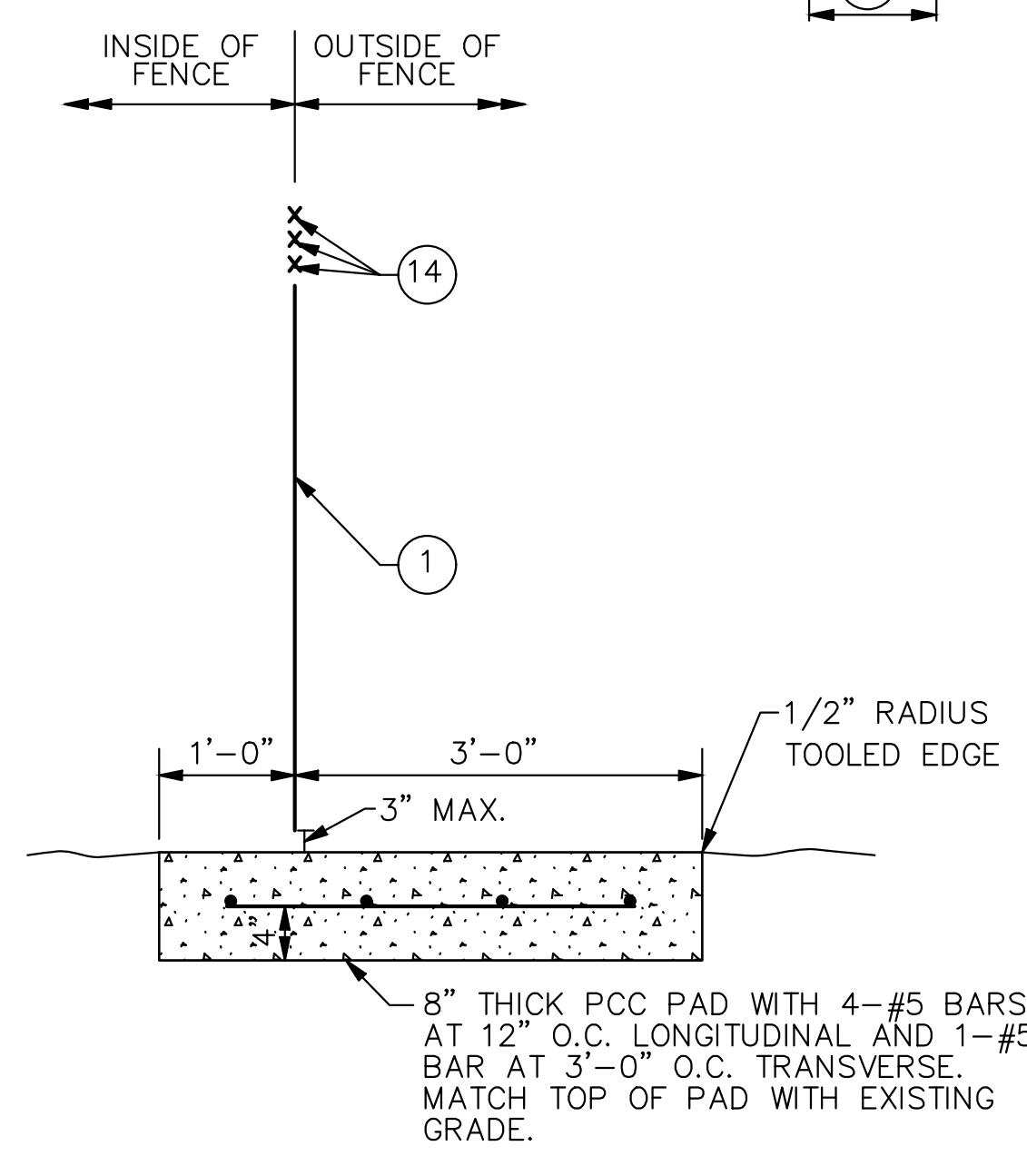
TYPICAL FENCING AT
CHANNEL CROSSING



TYPICAL
WATER CROSSING GATE



BARBED WIRE
EXTENSION BRACKET
AND MOW STRIP



CONCRETE PAD
AT GATES

NOTE:
CONCRETE PAD TO BE INSTALLED AT ALL GATE LOCATIONS
WHERE PORTLAND CEMENT CONCRETE OR BITUMINOUS
CONCRETE DOES NOT ALREADY EXIST.

MINIMUM DEPTH FOR SETTING POSTS

DESCRIPTION		HEIGHT OF FENCE			
		48"	60"	72"	96"
		SIZE (IN.)	SIZE (IN.)	SIZE (IN.)	SIZE (IN.)
② END CORNER & PULL POST	(A)	30"	36"	36"	54"
	(B)	36"	42"	42"	60"
	(C)	10"	12"	12"	14"
③ LINE POST	(A)	24"	27"	36"	48"
	(B)	30"	36"	42"	54"
	(C)	10"	12"	12"	12"
④ GATE POST	(A)	30"	36"	36"	42"
	(B)	36"	42"	42"	48"
	(C)	10"	12"	12"	14"

- GENERAL NOTES:
- WEIGHTS OF MATERIALS SHOWN IN TABLE ARE FOR ASTM F 1043, GROUP 1A. SIZES SHOWN ARE FOR STEEL AND ALUMINUM. EQUIVALENT ASTM F 1043 ALTERNATIVES MAY BE USED.
 - PULL POSTS SHALL BE USED AT SHARP BREAKS IN VERTICAL GRADE OR AT APPROXIMATE 300' CENTERS ON STRAIGHT RUNS OR AS DIRECTED BY THE ENGINEER.
 - DRILLED HOLES C IN SOLID ROCK SHALL PROVIDE A DIAMETER OF NOT LESS THAN 2" GREATER THAN THE MAXIMUM TRANSVERSE DIMENSION OF THE POST SECTION.
 - ALL POSTS SHALL HAVE PROVISIONS TO SECURELY HOLD THE TOP TENSION WIRE IN POSITION AND ALLOW FOR REMOVAL AND REPLACEMENT OF A POST WITHOUT DAMAGING THE TOP TENSION WIRE.
 - THE MESH SIZE SHALL BE 2 INCHES ± 1/8 IN. MEASURED IN EITHER DIRECTION AS THE MINIMUM CLEAR DISTANCE BETWEEN THE WIRES FORMING THE PARALLEL SIDES OF THE MESH.
 - THE AGGREGATE MOW STRIP SHALL RUN THE ENTIRE LENGTH OF THE FENCELINE AND SHALL BE SURFACED WITH 4" OF WELL-GRADED CRUSHED ROCK AGGREGATE. GEOTEXTILE MEMBRANE SHALL BE INSTALLED UNDER THE AGGREGATE. MEMBRANE SHALL BE NON-WOVEN POLYPROPYLENE FIBERS TO A MINIMUM DENSITY OF 50z PER SQ. YD. TOP OF ROCK SHALL BE BETWEEN 0" TO 1" FROM THE BOTTOM OF THE CHAIN-LINK FABRIC. THIS WORK SHALL BE INCIDENTAL TO THE FENCE PAY ITEM.
 - ALL POSTS SHALL BE ROUND AND SHALL BE SET IN CONCRETE WITH 1 FOOT OF COMPACTED SOIL ABOVE THE CONCRETE.
 - THE MAXIMUM GAP ALLOWED WHERE THE FENCE ABUTS BUILDINGS, AT GATE AND HINGE CLOSURE POSTS, AT CENTER OF DOUBLE GATES, AND AT THE BOTTOM OF GATES SHALL BE 3" OR LESS.
 - THE PCC PAD AT GATES SHALL BE INCIDENTAL TO THE GATE PAY ITEM.
 - FENCE/GATE SOUTH OF THE HANGAR SHALL BE 8' 4"-RAIL PANELS WITH THE CLASSIC SLIDING TRANSVERSE II GATE. A SINGLE EXODUS PEDESTRIAN GATE SHALL BE USED ON THE HANGAR SIDE OF THE SIDEWALK.

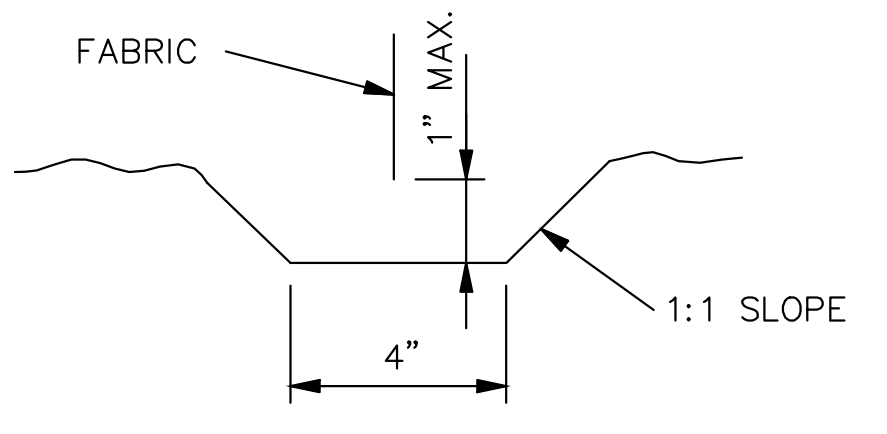
LEGEND

- ① FABRIC
- ② END, CORNER OR PULL POST
- ③ LINE POST
- ④ GATE POST
- ⑤ BRACE
- ⑥ TRUSS ROD
- ⑦ GATE FRAME
- ⑧ STRETCHER BAR 1/4" X 3/4" PLATE
- ⑨ STRETCHER BAR BAND
- ⑩ END OR CORNER CLAMP
- ⑪ TENSION WIRE
- ⑫ FABRIC TIES
- ⑬ ONE-HALF FABRIC HEIGHT OR AS RECOMMENDED BY MANUFACTURER
- ⑭ BARBED WIRE

WIRE SIZE AND HEIGHT OF FABRIC			
SPECIFIED DIAMETER			HEIGHT OF FABRIC
INCHES	MIN. GAGE	MESH INCHES	INCHES
0.120	11	2	36 - 42
0.148	9	2	48 - 96

MINIMUM SIZE FOR FENCE HARDWARE

	WIDTH	SIZE (IN.)	LBS./FT.
② END CORNER OR PULL POST	N/A	31/2 DIA.	9.10
③ LINE POST	N/A	2" DIA.	3.65
④ GATE POST (SINGLE GATE OR 1 LEAF OF DOUBLE)	1 6"	21/2 DIA.	5.79
	1 13"	31/2 DIA.	9.10
	1 18"	6 DIA.	18.97
	1 18"	8 DIA.	24.70
⑤ BRACE	N/A	11/4 DIA.	2.27
⑥ TRUSS ROD	N/A	3/8	-
⑦ GATE FRAME	N/A	11/2 DIA.	2.72



TYPICAL TRENCH
DETAILS



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KANSAS CITY, MO 64108



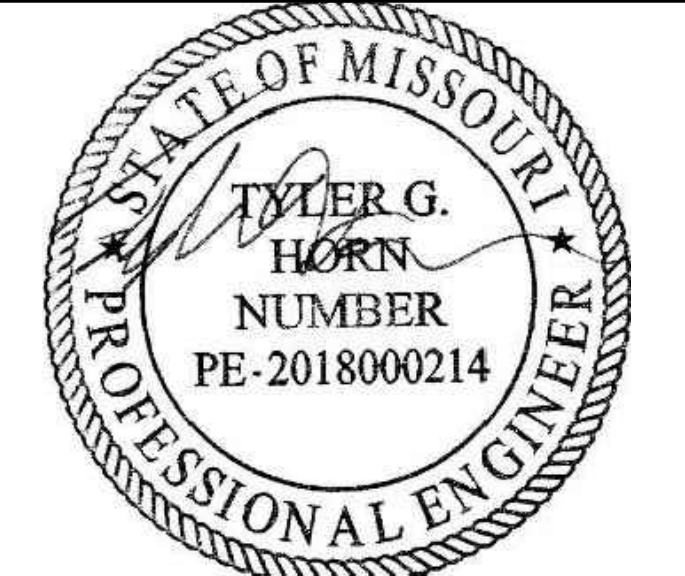
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KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



SEALED DIGITALLY
JANUARY 4, 2024

LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

10/29/24 REV-5

MARK DATE DESCRIPTION

PROJECT NO.: 47732472

CAD DWG FILE: FENCING PLAN

DESIGNED BY: WLC

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C132

SHEET 045 OF 133

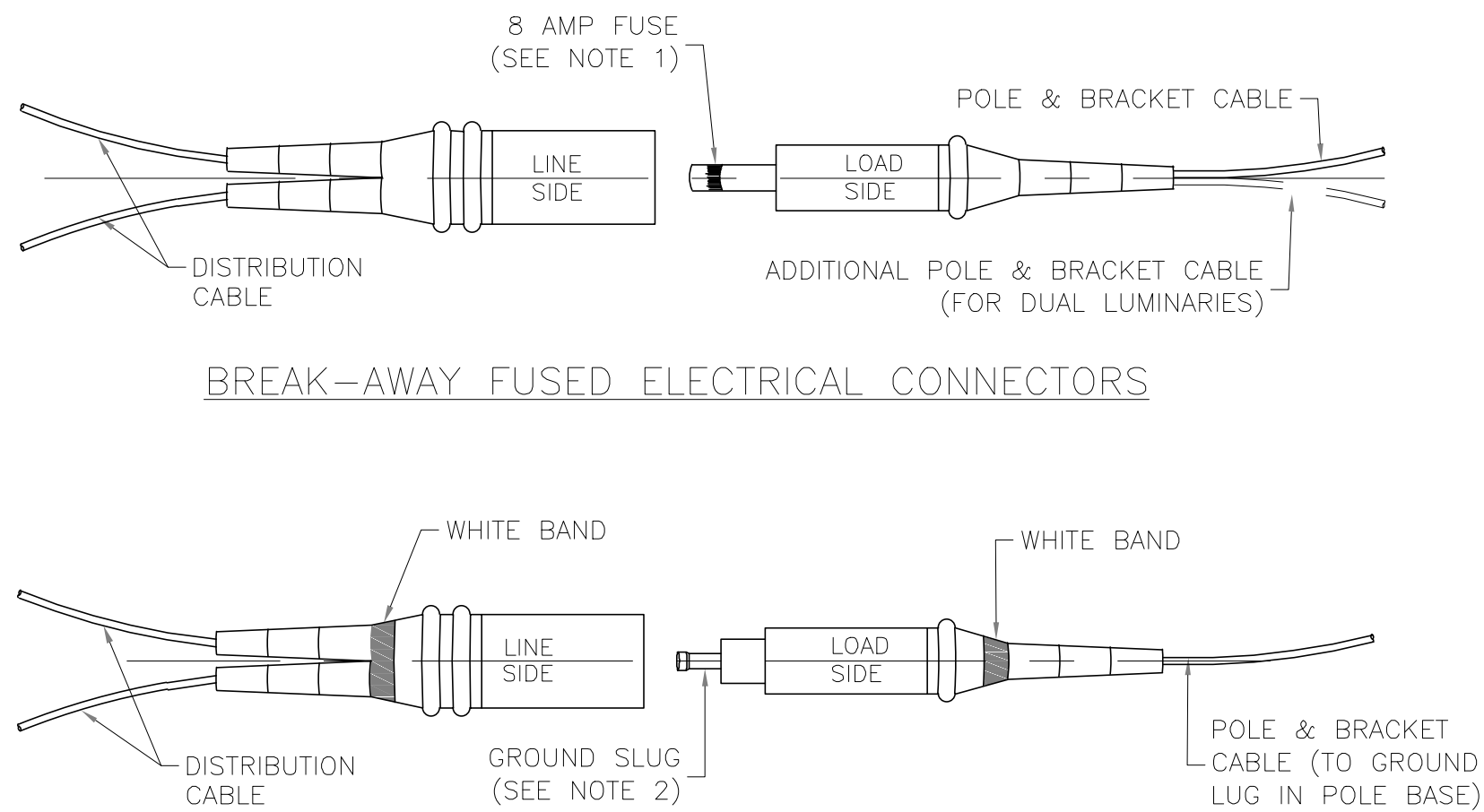
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

CHAIN-LINK FENCE

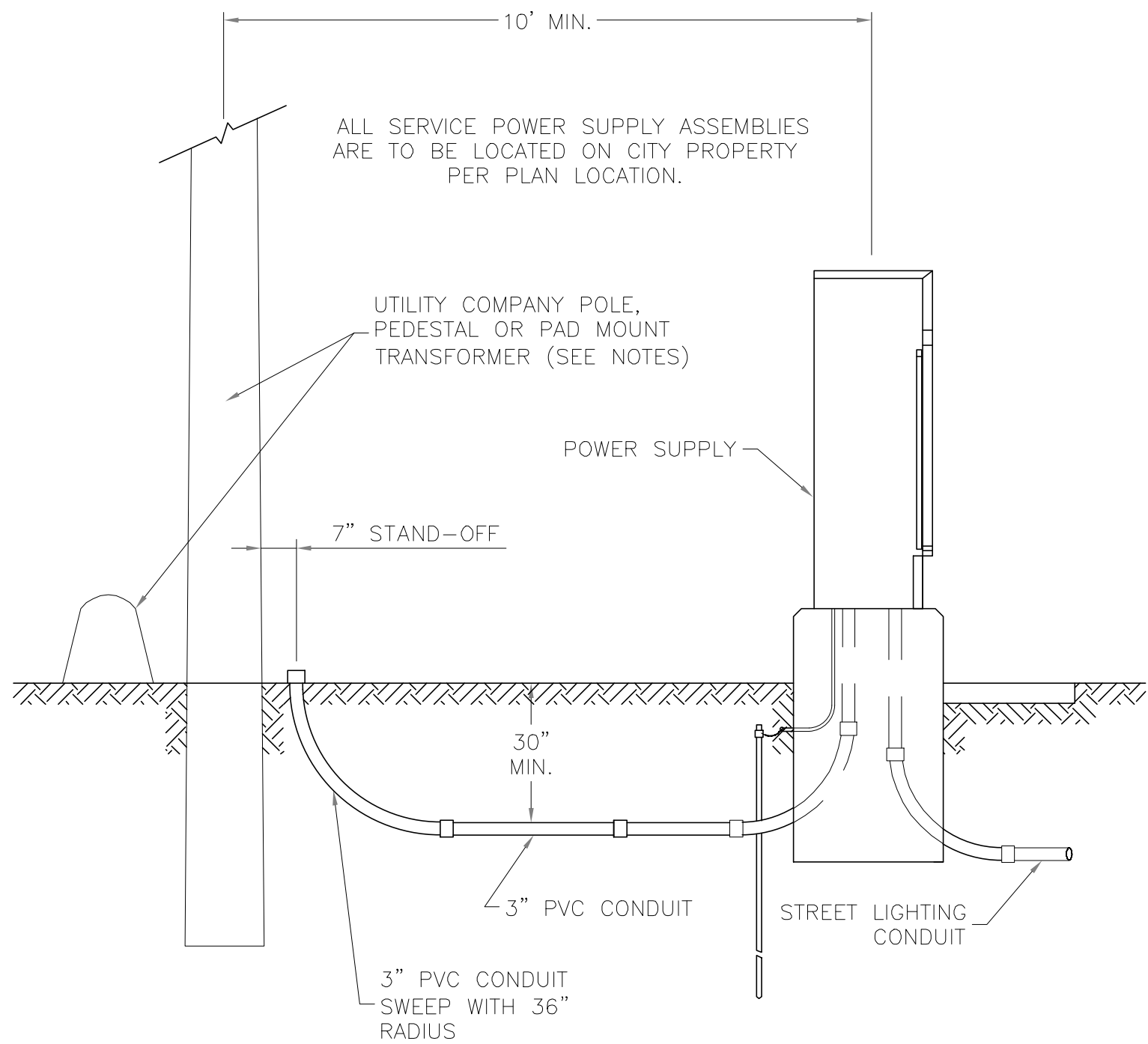
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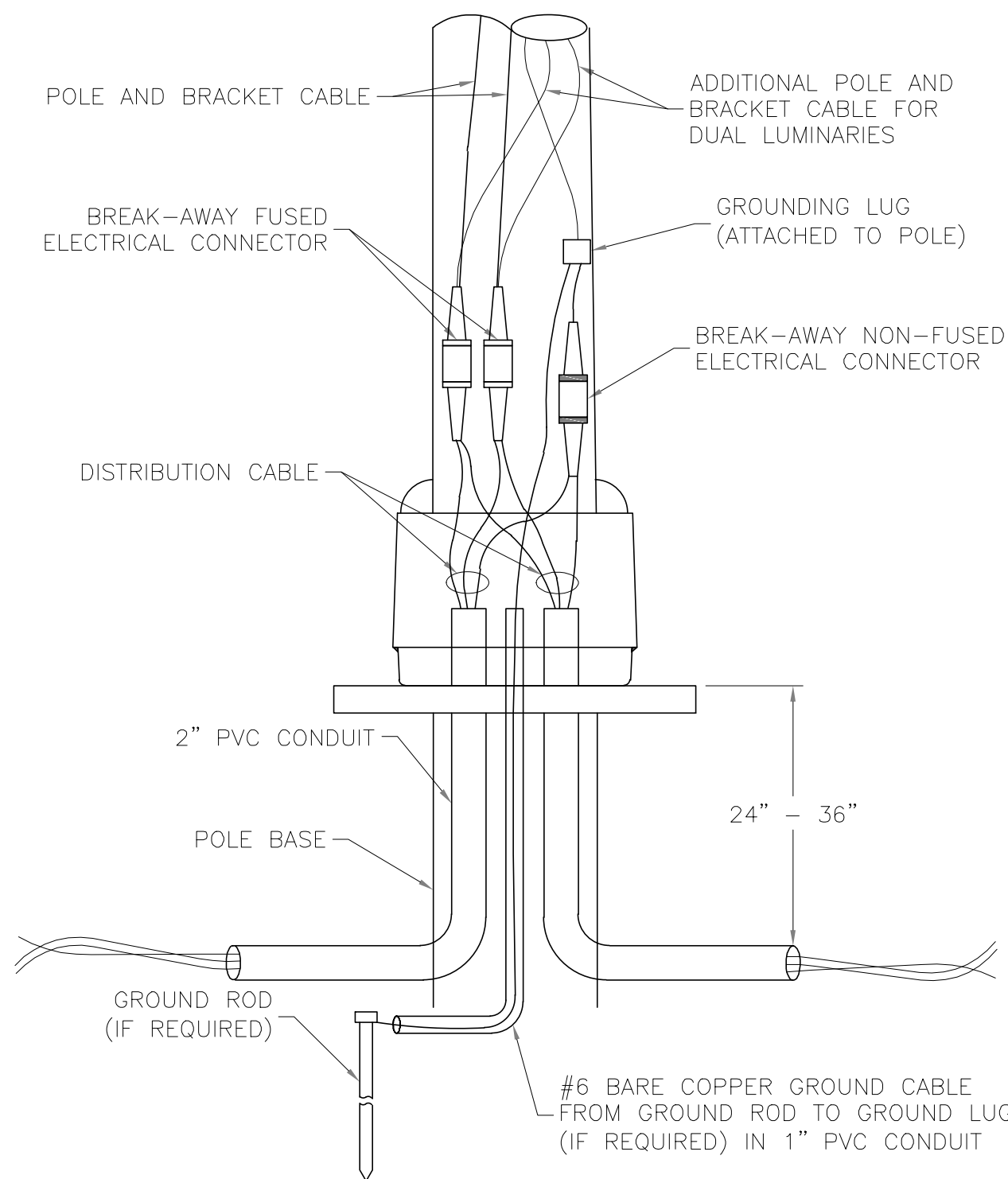


- NOTES:
1. FUSE REMAINS IN "LOAD SIDE" AFTER BREAK-AWAY.
 2. GROUND "SLUG" REMAINS IN "LOAD SIDE" AFTER BREAK-AWAY.
 3. CONNECTORS SHALL HAVE SET SCREW TYPE TERMINALS TO ATTACH CABLES.



SECONDARY SERVICE CONNECTION DETAILS

- NOTES:
1. CONTRACTOR SHALL INSTALL A CONDUIT STUB 24" TO 6" ABOVE GROUND AT UTILITY POLES. CONDUIT SHALL BE STUBBED TO THE SIDE OF THE POLE THAT WILL ALLOW A DIRECT RUN UP THE POLE TO THE TRANSFORMER WITHOUT CROSSING OTHER UTILITY LINES OR CABLES. THE END OF THE CONDUIT SHALL BE CAPPED.
 2. CONTRACTOR SHALL INSTALL CONDUIT IN A TRENCH TO WITHIN 24" OF PEDESTALS OR PAD MOUNT TRANSFORMERS AND LEAVE A 36" X 36" X 36" ACCESS HOLE IN THE GROUND. CONTRACTOR SHALL KEEP OPEN TRENCH COVERED AND PROMPTLY BACKFILL ACCESS HOLE WHEN SERVICE IS COMPLETED.



POLE WIRING DETAILS

LEE'S SUMMIT
MISSOURI

PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

Project: POLE AND LUMINAIRE DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

Sheet Name: ELECTRICAL DETAILS

Drawn By: BWC
Checked By: MP
Date: 01/2020
Proj. #:

SL-5

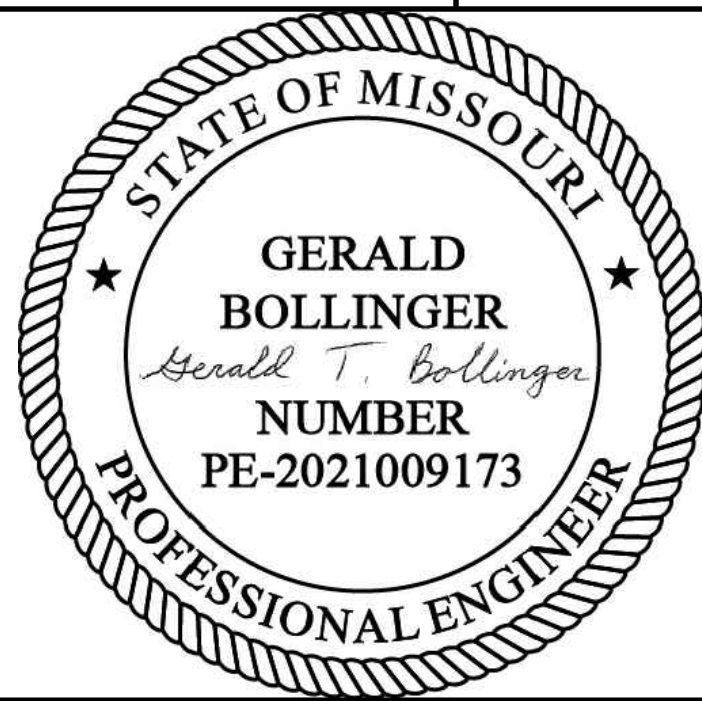


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KANSAS CITY, MO 64108

KANSAS CITY - LEE'S SUMMIT
REGIONAL AIRPORT
LEE'S SUMMIT, MISSOURI
GENERAL AVIATION TERMINAL
CITY PROJECT NO. - 17932172



LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

10/29/24 REV-5

MARK DATE DESCRIPTION

PROJECT NO.: 17932172
CAD DWG FILE: ELECTRICAL DETAILS
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ELECTRICAL DETAILS

C140

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