

2751 NORTHEAST DOUGLAS STREET
LEE'S SUMMIT, MISSOURI 64064

CONSTRUCTION PLANS
FOR
LEE'S SUMMIT
MUNICIPAL AIRPORT

CITY PROJECT NO. 47732472

LXT HANGAR 2 AND EASTSIDE DEVELOPMENT

ISSUED-FOR-BID PLAN SET

JANUARY 04, 2024

CALL MISSOURI ONE-CALL SYSTEMS
BEFORE EXCAVATING
1-800-DIG-RITE

DESIGN AIRCRAFT - GEOMETRY
CANADAIR CL-600
AIRCRAFT APPROACH CATEGORY C
AIRPLANE DESIGN GROUP II
DESIGN AIRCRAFT - STRUCTURE
GRUMMAN GULFSTREAM IV
GROSS WEIGHT - 71,800 LBS
EQUIVALENT ANNUAL DEPARTURES - 651

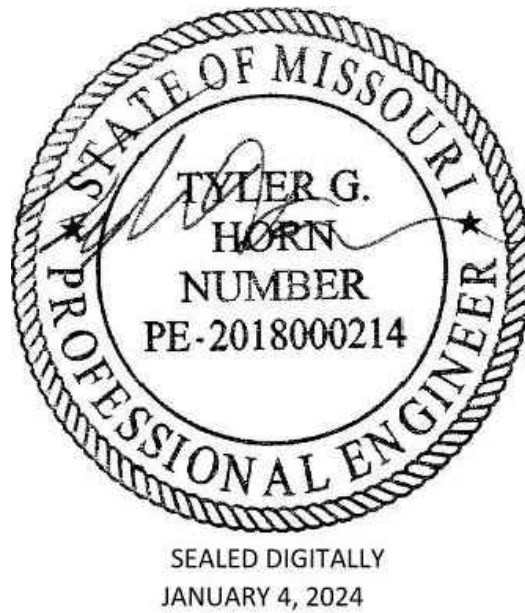
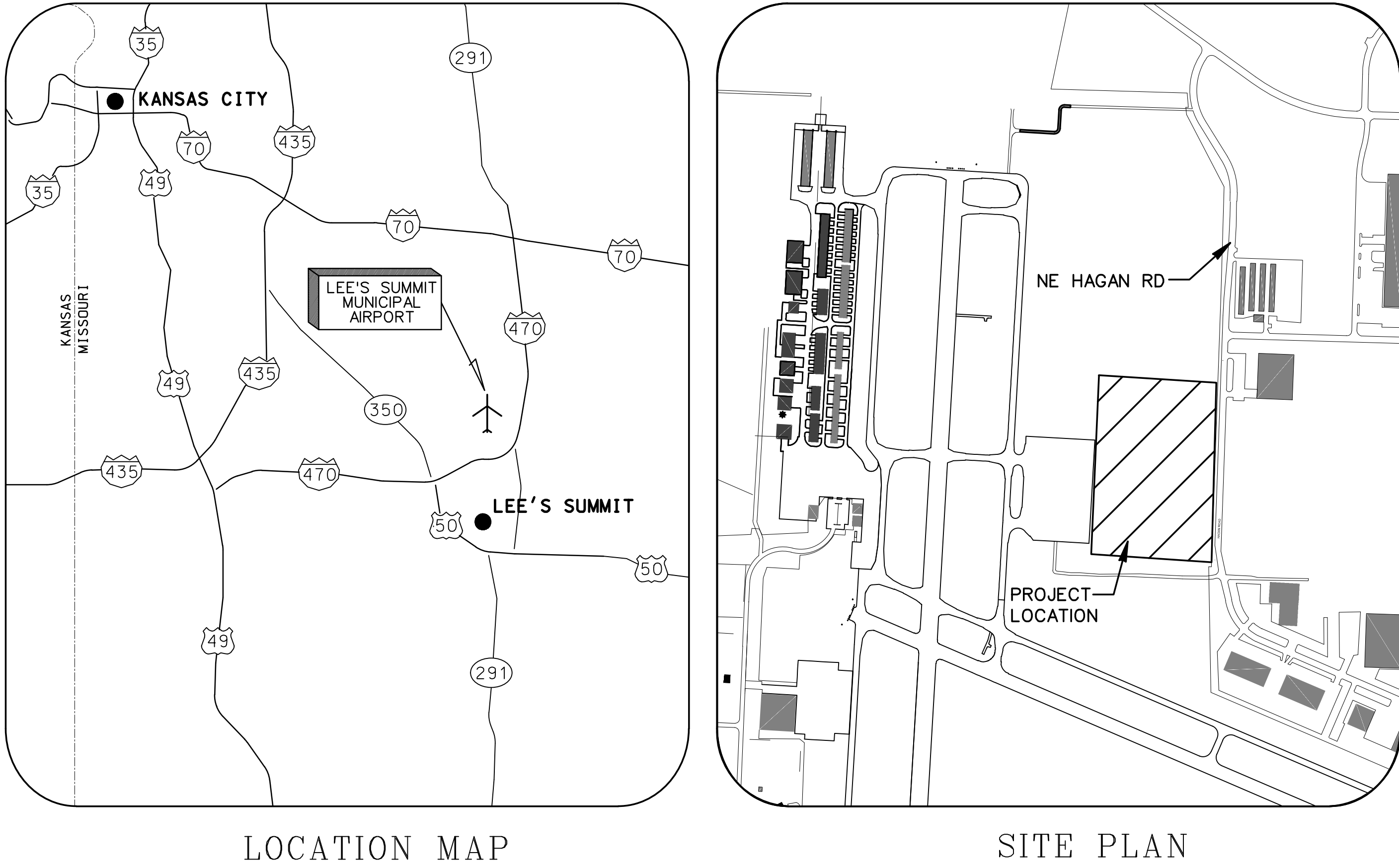
MAXIMUM EQUIPMENT HEIGHT: 100'

UNICOM/CTAF FREQUENCY - 122.80



22001238

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PROFESSIONAL ENGINEERING - 000631
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■ KANSAS CITY, MO ■ LA BELLE, FL ■ MOLINE, IA
SUBMITTED BY TYLER HORN, PE
DATE JANUARY 04, 2024



Path: K:\leessummitmo2201238-00\Draw\Sheets\INDEX TO SHEETS AND SOO.dwg
Date: Wednesday, January 3, 2024 11:26:23

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1627 MAIN STREET, SUITE 600
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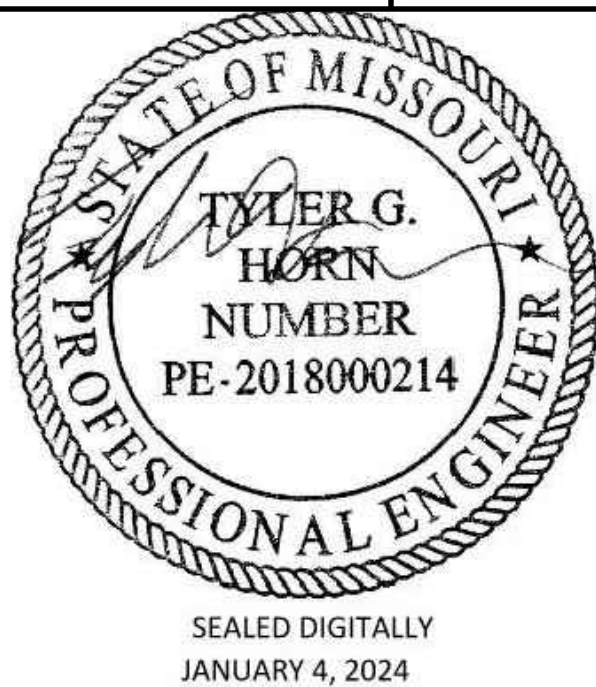
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK	DATE	DESCRIPTION
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PROJECT NO:	47732472
CAD DWG FILE:	INDEX TO SHEETS AND SOO
DESIGNED BY:	WLC
DRAWN BY:	WLC
CHECKED BY:	JRC
APPROVED BY:	TGH
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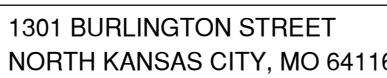
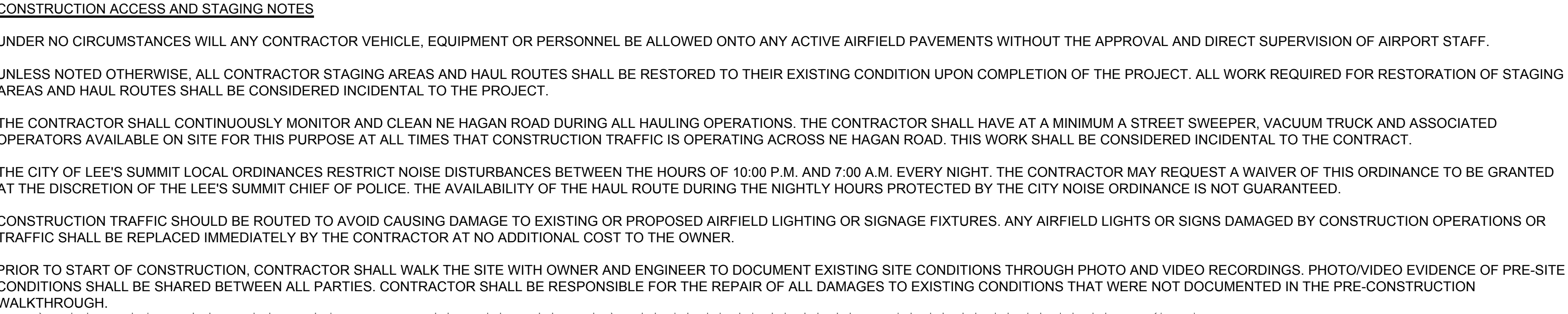
SHEET TITLE

INDEX TO SHEETS

G001

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RELEASED FOR CONSTRUCTION
As Noted on Plan Review
Development Services Department
Lee's Summit, Missouri
03/14/2024

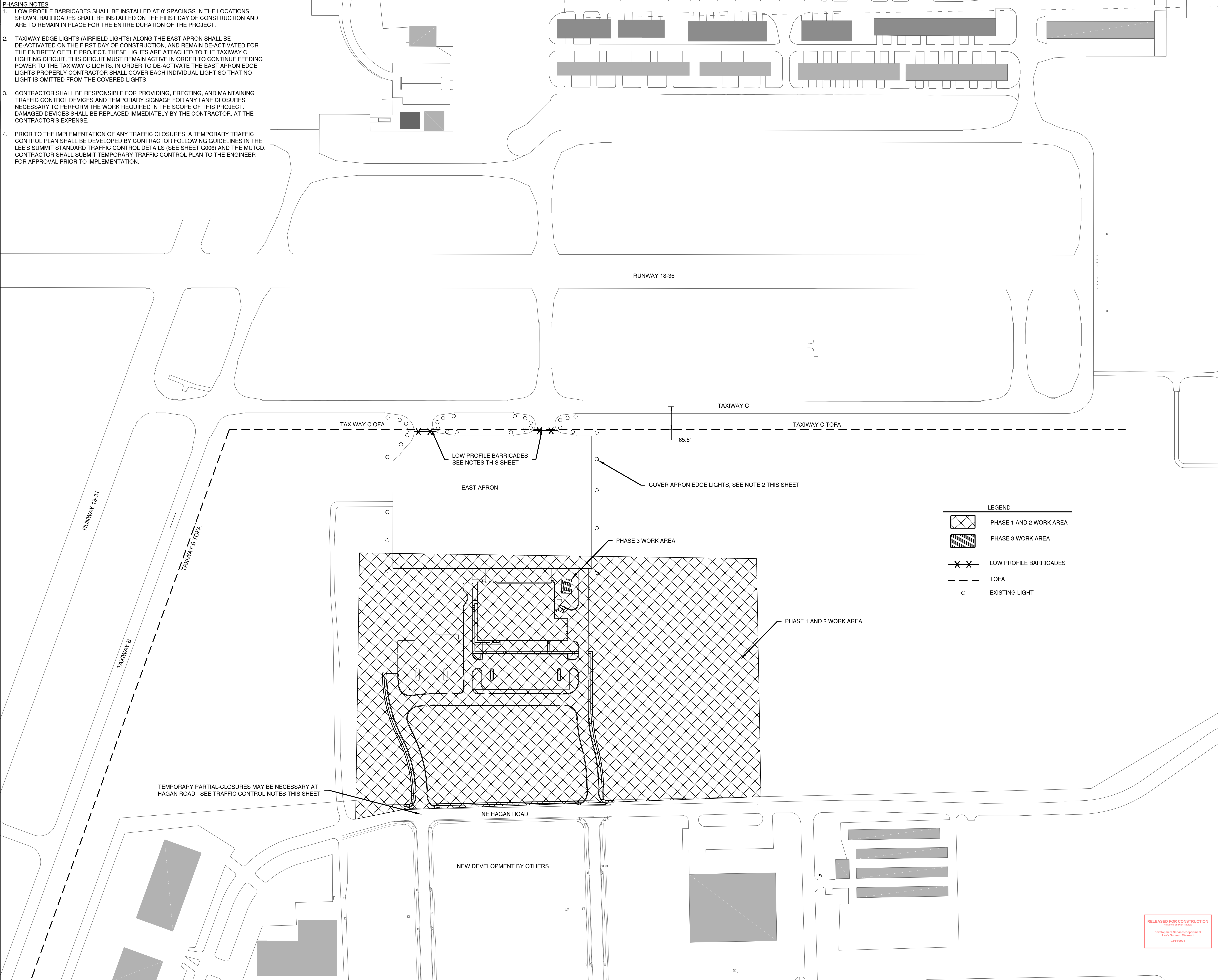


SHEET TITLE

SHEET 003 OF 131

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Date: Wednesday, January 3, 2024 17:02:41

- PHASING NOTES
1. LOW PROFILE BARRICADES SHALL BE INSTALLED AT 0' SPACINGS IN THE LOCATIONS SHOWN. BARRICADES SHALL BE INSTALLED ON THE FIRST DAY OF CONSTRUCTION AND ARE TO REMAIN IN PLACE FOR THE ENTIRE DURATION OF THE PROJECT.
 2. TAXIWAY EDGE LIGHTS (AIRFIELD LIGHTS) ALONG THE EAST APRON SHALL BE DE-ACTIVATED ON THE FIRST DAY OF CONSTRUCTION, AND REMAIN DE-ACTIVATED FOR THE ENTIRETY OF THE PROJECT. THESE LIGHTS ARE ATTACHED TO THE TAXIWAY C LIGHTING CIRCUIT. THIS CIRCUIT MUST REMAIN ACTIVE IN ORDER TO CONTINUE FEEDING POWER TO THE TAXIWAY C LIGHTS. IN ORDER TO DE-ACTIVATE THE EAST APRON EDGE LIGHTS PROPERLY CONTRACTOR SHALL COVER EACH INDIVIDUAL LIGHT SO THAT NO LIGHT IS OMITTED FROM THE COVERED LIGHTS.
 3. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, ERECTING, AND MAINTAINING TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNAGE FOR ANY LANE CLOSURES NECESSARY TO PERFORM THE WORK REQUIRED IN THE SCOPE OF THIS PROJECT. DAMAGED DEVICES SHALL BE REPLACED IMMEDIATELY BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE.
 4. PRIOR TO THE IMPLEMENTATION OF ANY TRAFFIC CLOSURES, A TEMPORARY TRAFFIC CONTROL PLAN SHALL BE DEVELOPED BY CONTRACTOR FOLLOWING GUIDELINES IN THE LEE'S SUMMIT STANDARD TRAFFIC CONTROL DETAILS (SEE SHEET G006) AND THE MUTCD. CONTRACTOR SHALL SUBMIT TEMPORARY TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTATION.



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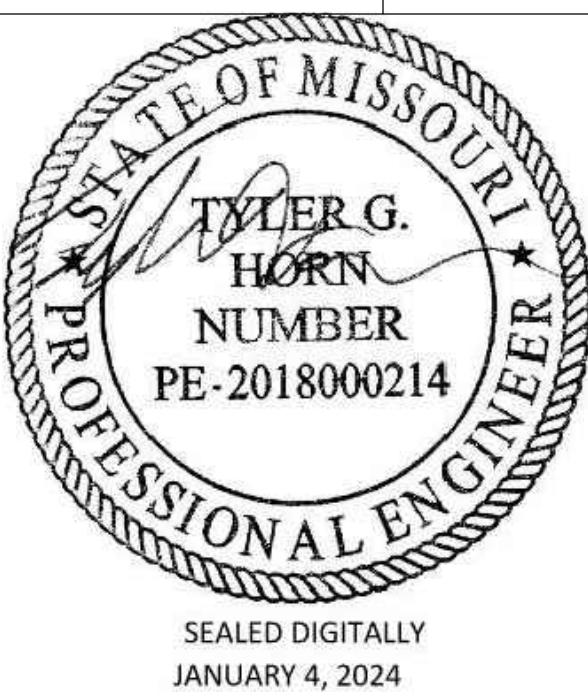


1627 MAIN STREET, #100
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1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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: CAP NOTES
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DRAWN BY: WLC
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SHEET TITLE

CONSTRUCTION
ACTIVITY PLAN

G003

SHEET 004 OF 131

RELEASED FOR CONSTRUCTION
No Work on Plan Permitted
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Date: Wednesday, January 3, 2024 17:26:23

CRITICAL ELEVATION POINTS EASTSIDE DEVELOPMENT LEE'S SUMMIT MUNICIPAL AIRPORT					
NEW PCC APRON CRITICAL POINTS					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
A-1.1	NEW PCC APRON	993.15	1093.15	3895197.6990'	1975836.2174'
A-1.2	NEW PCC APRON	992.07	1092.07	3895225.0609'	1975602.4250'
A-1.3	NEW PCC APRON	992.65	1092.65	3895231.8597'	1975840.1059'
A-1.4	NEW PCC APRON	992.5	1092.50	3895235.4162'	1975809.8043'
A-1.5	NEW PCC APRON	992.5	1092.50	3895241.2694'	1975810.4913'
A-1.6	NEW PCC APRON	991.7	1091.70	3895264.9717'	1975607.0755'
NEW HANGAR 2 BUILDING					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
B-1.1	HANGAR 2	992.6	1092.60	3895239.6411'	1975825.4447'
B-1.2	HANGAR 2	991.7	1091.70	3895266.2132'	1975597.1525'
B-1.3	HANGAR 2	1000.5	1100.50	3895412.0130'	1975845.9181'
B-1.4	HANGAR 2	989.1	1089.10	3895438.8480'	1975617.5309'
B-1.5	HANGAR 2	986.9	1086.90	3895376.4210'	1975573.9185'
B-1.6	HANGAR 2	985.3	1085.30	3895443.0613'	1975581.6141'
EXISTING APRON CORNERS					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
EA-1.2	EXISTING APRON CORNER	992.6	1092.60	3895239.0915'	1975485.3858'
EA-1.1	EXISTING APRON CORNER	991.22	1091.22	3895170.5224'	1976068.6364'
PHASE 1 LOW PROFILE BARRICADES					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
BA-1.1	LOW-PROFILE BARRICADES	995	1095.00	3894780.9189'	1975297.1567'
BA-1.2	LOW-PROFILE BARRICADES	995	1095.00	3894818.6910'	1975574.6147'
CONTRACTOR STAGING AREA 1					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
CS-1.1	CONTRACTOR STAGING AREA 1	993.00	1093.00	3895667.0684'	1976473.9207'
CS-1.2	CONTRACTOR STAGING AREA 1	989.00	1089.00	3895683.6663'	1976301.0807'
CS-1.3	CONTRACTOR STAGING AREA 1	990.20	1090.20	3895808.2523'	1976487.3898'
CS-1.4	CONTRACTOR STAGING AREA 1	986.20	1086.20	3895824.9587'	1976312.2733'
CONTRACTOR STAGING AREA 2					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
CS-2.1	CONTRACTOR STAGING AREA 2	991.16	1091.16	3895026.7387'	1975651.2420'
CS-2.2	CONTRACTOR STAGING AREA 2	990.56	1090.56	3895043.5627'	1975476.0480'
CS-2.3	CONTRACTOR STAGING AREA 2	992.16	1092.16	3895167.9226'	1975664.7112'
CS-2.4	CONTRACTOR STAGING AREA 2	991.53	1091.53	3895184.6290'	1975489.5946'
CONSTRUCTION HAUL ROUTE					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
HR-1.1	HAUL ROUTE	984.50	1084.50	3895916.0873'	1976293.0927'
HR-1.2	HAUL ROUTE	979.60	1079.60	3895920.5640'	1975958.5945'
HR-1.3	HAUL ROUTE	976.80	1076.80	3895973.6711'	1975371.9616'
LIGHT POLES					
POINT	DESCRIPTION	GROUND ELEVATION	MAX* ELEVATION	NORTHING	EASTING
LP-1.1	LIGHT POLE	992.70	1092.70	3895289.8052'	1975843.3242'
LP-1.2	LIGHT POLE	989.80	1089.80	3895449.1546'	1975860.7262'
LP-1.3	LIGHT POLE	1000.40	1100.40	3895318.6532'	1975535.9543'
LP-1.4	DOUBLE LIGHT POLE	996.80	1096.80	3895515.7584'	1975814.8711'
LP-1.5	DOUBLE LIGHT POLE	986.50	1086.50	3895538.9955'	1975616.7976'
LP-1.6	LIGHT POLE	979.40	1079.40	3895536.3247'	1975562.8928'
LP-1.7	LIGHT POLE	987.00	1087.00	3895576.5091'	1975758.8022'
LP-1.8	LIGHT POLE	987.50	1087.50	3895576.0414'	1975712.0700'
LP-1.9	LIGHT POLE	990.50	1090.50	3895572.4994'	1976125.9413'
LP-1.10	LIGHT POLE	988.30	1088.30	3895591.9298'	1975962.2827'
LP-1.11	LIGHT POLE	986.60	1086.60	3895747.8781'	1976042.7741'
LP-1.12	LIGHT POLE	977.60	1077.60	3895722.6696'	1975580.5369'
LP-1.13	LIGHT POLE	982.50	1082.50	3895872.8469'	1976036.2884'
LP-1.14	LIGHT POLE	981.00	1081.00	3895895.0099'	1975921.2974'
LP-1.15	LIGHT POLE	976.80	1076.80	3895907.6764'	1975786.7647'
LP-1.16	LIGHT POLE	975.20	1075.20	3895920.5243'	1975648.3518'
LP-1.17	LIGHT POLE	976.60	1076.60	3895897.0204'	1975577.2174'
LP-1.18	LIGHT POLE	998.80	1098.80	3895457.7191'	1975697.9933'
CONSTRUCTION ACTIVITY MAXIMUM HEIGHT: 100' FROM GROUND					

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As noted on drawings
Development Services Department
Lee's Summit, Missouri
03141004



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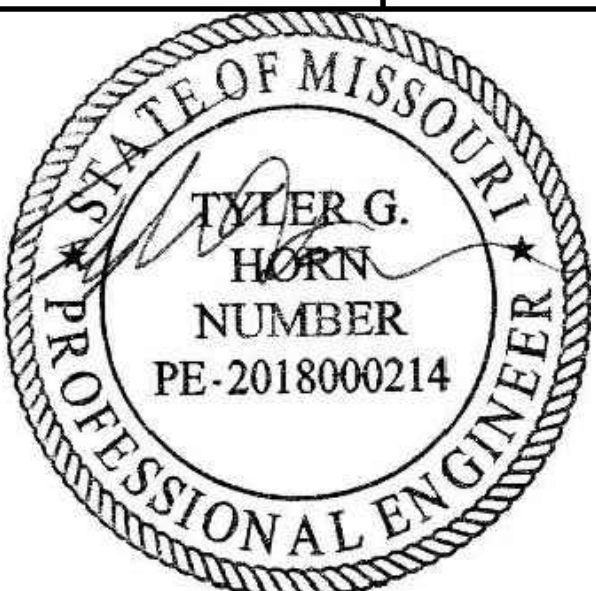
1627 MAIN STREET, #100
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1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

MARK	DATE	DESCRIPTION
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PROJECT NO: 47732472
CAD DWG FILE: CRITICAL POINTS
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SHEET TITLE

CRITICAL POINTS

G004

SHEET 005 OF 131

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Date: Wednesday, January 3, 2024 17:03:03

GENERAL

- THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW THE REQUIREMENTS OF THE AIRPORT'S APPROVED CONSTRUCTION SAFETY AND PHASING PLAN (CSPP), FAA AC 150/5370-2G, AND ALL AIRPORT SAFETY AND SECURITY REQUIREMENTS.
- PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CITY FOR APPROVAL A SAFETY PLAN COMPLIANCE DOCUMENT (SPCD) IN ACCORDANCE WITH FAA AC 150/5370-2G. NO CONSTRUCTION ACTIVITY SHALL BEGIN UNTIL THE CITY HAS APPROVED THE SPCD.
- THE CSPP COVERS OPERATIONAL SAFETY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INDIVIDUAL SAFETY OF HIS/HER PERSONNEL AND MEETING OSHA REQUIREMENTS.
- A MINIMUM OF 10 DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING THE CONTRACTOR SHALL PROVIDE A LIST OF SUBCONTRACTORS AND MATERIAL SUPPLIERS.
- THE CONTRACTOR SHALL EXERCISE BEST MANAGEMENT PRACTICES IN ACCORDANCE WITH STORM WATER POLLUTION PREVENTION AND PROJECT SPECIFICATION C-102 EROSION AND SEDIMENT CONTROL THROUGHOUT THE LIFE OF THE PROJECT TO CONTROL WATER POLLUTION.
- ALL CONTRACTOR COSTS ASSOCIATED WITH THE REQUIREMENTS LISTED ON THIS SHEET SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT UNLESS A SPECIFIC PAY ITEM IS PROVIDED.
- THE EXISTING FEATURES SHOWN ON THESE PLANS ARE THOSE NOTED IN THE FIELD AND THOSE TAKEN FROM RECORD DRAWINGS. THIS DOES NOT GUARANTEE THAT ALL FEATURES ARE SHOWN ON THE PLANS. THERE WILL BE NO ADDITIONAL PAYMENT TO THE CONTRACTOR DUE TO VARIATIONS IN SIZE, QUANTITY OR LOCATION OF EXISTING FEATURES.
- CRAWLER TYPE EQUIPMENT SHALL NOT BE ALLOWED ON ANY PAVED SURFACE ON THE AIRPORT. ONLY RUBBER-TIRED VEHICLES, WHICH WILL NOT CAUSE DAMAGE TO THE PAVEMENTS, SHALL BE ALLOWED WITHOUT PROVIDING SOME TYPE OF PROTECTION.
- THE CONTRACTOR SHALL HAVE PROPER IDENTIFICATION ON ALL EQUIPMENT AND VEHICLES ON THE AIRPORT.
- NO EDGE DROP GREATER THAN 3 INCHES WILL BE ALLOWED AT ANY ACTIVE RUNWAY PAVEMENT EDGE OR SAFETY AREA. IF NECESSARY, THE CONTRACTOR SHALL PLACE TEMPORARY MATERIAL TO ELIMINATE VERTICAL DROPS GREATER THAN 3 INCHES OR SLOPES GREATER THAN 5% IN THESE AREAS. THIS WORK SHALL BE SUBSIDIARY TO OTHER ITEMS IN THE PROJECT.
- THE CONTRACTOR SHALL CONSTRUCT HAUL ROADS FOR ALL PHASES OF CONSTRUCTION. THE HAUL ROADS SHALL BE CONSTRUCTED OF MATERIALS THAT ALLOW ACCESS TO THE SITE DURING POOR CONDITIONS. THE HAUL ROADS SHALL BE REMOVED AFTER CONSTRUCTION OF EACH PHASE IS COMPLETE. THE AREAS WHERE HAUL ROADS WERE CONSTRUCTED SHALL BE RESTORED BACK TO THEIR ORIGINAL CONDITION. CONSTRUCTION OF THE HAUL ROADS, REMOVAL OF THE HAUL ROADS AND RESTORING THE AREAS BACK TO THEIR ORIGINAL CONDITION SHALL BE INCIDENTAL TO THE PROJECT.

1. COORDINATION

- PRIOR TO THE START OF CONSTRUCTION THE CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE AIRPORT AND THE ENGINEER. THE COST OF PREPARING FOR AND ATTENDING THE PRECONSTRUCTION CONFERENCE SHALL BE INCIDENTAL TO THE CONTRACT.
- ON OR BEFORE THE PRECONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL SUBMIT A PROPOSED SCHEDULE FOR THE PROJECT. THE SCHEDULE SHALL INCLUDE A START AND COMPLETION DATE FOR EACH ITEM OF WORK. THE SCHEDULE SHALL BE UPDATED ON A WEEKLY BASIS. ALL COSTS ASSOCIATED WITH THE SCHEDULE SHALL BE INCIDENTAL TO THE CONTRACT.
- DURING CONSTRUCTION THE CONTRACTOR SHALL ATTEND A WEEKLY COORDINATION MEETING WITH THE RESIDENT ENGINEER/OBSERVER. ALL COSTS ASSOCIATED WITH ATTENDING THE WEEKLY MEETING SHALL BE INCIDENTAL TO THE CONTRACT.
- CHANGES MADE TO THE SCOPE OR DURATION OF THE PROJECT MAY NECESSITATE REVISIONS TO THE CSPP AND SHALL REQUIRE REVIEW AND APPROVAL BY THE ENGINEER AND AIRPORT OPERATOR.

2. PHASING

- THIS PROJECT INCLUDES THREE PHASES:
PHASE 1: FACILITY DEVELOPMENT
PHASE 2: SITE WORK
PHASE 3: ELECTRICAL VAULT WORK.
- THE CONTRACTOR SHALL HAVE A DEFINED LIMIT OF CALENDAR DAYS TO COMPLETE ALL WORK IN THIS PROJECT AS DETAILED IN THE PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL PAY LIQUIDATED DAMAGES AS DEFINED IN THE PROJECT SPECIFICATIONS FOR EACH DAY THAT THE WORK EXTENDS BEYOND THE ALLOWABLE CALENDAR DAYS.
- PHASING IS AS DESCRIBED BELOW AND AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET

PHASE 1 NOTES

- PHASE 1 SHALL CONSIST OF THE CONSTRUCTION OF THE BUILDING AND ALL OTHER WORK ITEMS NOT SPECIFICALLY INCLUDED IN PHASE 2. PHASE 1 ITEMS SHALL REQUIRE PART TIME INSPECTION FROM THE CONSTRUCTION MANAGEMENT TEAM.
- ALL PHASE 1 WORK SHALL BE COMPLETED WITHIN THE OVERALL CALENDAR DAY ALLOTMENT FOR THIS PROJECT.
- NO WORK SHALL COMMENCE FOR THIS PHASE UNTIL THE EAST APRON IS CLOSED TO AIRCRAFT TRAFFIC PER THE SPECIFIC LAYOUT AND INSTRUCTIONS PROVIDED IN THE CONSTRUCTION ACTIVITY PLAN SHEET.

- PHASE 1 MAY BE PERFORMED CONCURRENTLY WITH PHASE 2 AND PHASE 3.
- PHASE 2 NOTES

- PHASE 2 SHALL CONSIST OF ALL ITEMS OF WORK THAT REQUIRE FULL TIME INSPECTION FROM THE CONSTRUCTION MANAGEMENT TEAM. THIS WORK INCLUDES:

A. EARTHWORK AND GRADING OPERATIONS
B. BUILDING FOOTINGS AND FOUNDATION CONSTRUCTION
C. INSTALLATION OF ALL UNDERGROUND UTILITIES, INCLUDING STORM SEWERS AND INLETS
D. ALL SUBGRADE TREATMENT, BASE ROCK INSTALLATION, CONCRETE AND ASPHALT PAVING
- PHASE 2 MAY BE PERFORMED CONCURRENTLY WITH PHASE 1 AND PHASE 3
- THE CONTRACTOR SHALL HAVE A DEFINED LIMIT OF CALENDAR DAYS TO COMPLETE ALL WORK IN THIS PHASE AS DETAILED IN THE PROJECT SPECIFICATIONS. THE PHASE 2 CALENDAR DAYS SHALL BE COUNTED CONCURRENTLY WITH THE OVERALL CALENDAR DAYS. ALL PHASE 2 WORK SHALL BE COMPLETED WITHIN THE OVERALL CALENDAR DAY ALOTMENT FOR THIS PROJECT.
- THE CONTRACTOR SHALL HAVE THE FLEXIBILITY TO DETERMINE THE PERIOD WITHIN THE OVERALL CALENDAR DAYS THAT THE PHASE 2 WORK ITEMS SHALL BE ACCOMPLISHED. THE CONTRACTOR MAY REQUEST THE SUSPENSION OF THE PHASE 2 CALENDAR DAYS BETWEEN DIFFERENT WORK ITEMS. HOWEVER, ONCE CALENDAR DAYS ARE INITIATED FOR A SPECIFIC WORK ITEM IN A SPECIFIC AREA - THEY MAY NOT BE SUSPENDED UNTIL THAT SPECIFIC WORK ITEM IS COMPLETED.
- THE CONTRACTOR SHALL PAY LIQUIDATED DAMAGES AS DEFINED IN THE PROJECT SPECIFICATIONS FOR EACH DAY THAT THE PHASE 2 WORK EXCEEDS THE PHASE 2 CALENDAR DAY LIMIT.
- THE CONTRACTOR SHALL PROVIDE THE CONSTRUCTION MANAGEMENT TEAM A MINIMUM OF 72 HOURS NOTICE PRIOR TO STARTING WORK ON ANY SPECIFIC PHASE 2 ITEM.

2. PHASING (CONT.)

PHASE 3 NOTES

- PHASE 3 SCOPE OF WORK SHALL CONSIST OF ANY WORK THAT WILL REQUIRE A TEMPORARY SHUTDOWN TO AIRFIELD POWER, TO COMPLETE THE ELECTRICAL SERVICE TIE-IN TO THE AIRFIELD ELECTRICAL VAULT. THE VAULT SERVES AS THE ONLY POWER SOURCE TO THE AIRFIELD LIGHTING SYSTEM.
- PHASE 3 WORK MAY ONLY BE ACCOMPLISHED DURING DAYLIGHT HOURS (8AM-5PM) ON DAYS SCHEDULED IN ADVANCE WITH THE AIRPORT. THIS WORK SHALL BE COMPLETED IN THE CALENDAR DAYS ALLOTTED FOR THIS PHASE AS DEFINED IN THE PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL PAY LIQUIDATED DAMAGES AS DEFINED IN THE PROJECT SPECIFICATIONS FOR EACH DAY THAT THE AIRFIELD LIGHTING REMAINS INACTIVE FOLLOWING THE CALENDAR DAY ALOTMENT.
- CONTRACTOR SHALL REQUEST TEMPORARY VAULT SHUTDOWNS WITH AT LEAST 48-HOURS NOTICE TO THE AIRPORT. AIRPORT HAS THE RIGHT TO APPROVE OR REJECT ANY DAYS. AIRFIELD LIGHTING IS A CRITICAL SAFETY COMPONENT ON DAYS WITH INCLEMENT WEATHER - THE AIRPORT HAS THE RIGHT TO CANCEL THE TEMPORARY VAULT SHUTDOWN AT ANY TIME IF NECESSARY DUE TO WEATHER.

3. CONSTRUCTION ACTIVITY

- THE EAST APRON SHALL BE CLOSED FOR THE DURATION OF THE PROJECT
- NO CONSTRUCTION TRAFFIC SHALL CROSS INTO ANY OPEN AIRFIELD PAVEMENT OR AIRFIELD OBJECT FREE AREAS FOR ANY REASON WHATSOEVER. SHALL ACCESS BE NECESSARY FOR ANY REASON, CONTRACTOR SHALL COORDINATE WITH THE AIRPORT WHO SHALL PROVIDE ESCORT.
- UNAUTHORIZED ENTRY BY ANY PERSONNEL, VEHICLE OR EQUIPMENT WOULD BE A MAJOR INFRACTION OF AIRPORT SAFETY. THE PERSONNEL RESPONSIBLE FOR THE INCURSION SHALL BE SUSPENDED FROM ACCESS ONTO AIRPORT PROPERTY AND WILL NOT BE ALLOWED RE-ENTRY WITHOUT THE CONSENT OF THE AIRPORT. IF MULTIPLE INCURSIONS OCCUR, THE AIRPORT RESERVES THE RIGHT TO SUSPEND ALL ACCESS ONTO AIRPORT PROPERTY UNTIL ALL KEY CONTRACTOR STAFF ARE RETRAINED IN AIRPORT SAFETY. PROJECT CALENDAR DAYS WILL CONTINUE TO BE COUNTED DURING THE WORK SUSPENSION.

4. PROTECTION OF NAVIGATION AIDS (NAVAIDS)

- THE CONTRACTOR SHALL REMAIN CLEAR OF THE PAI SYSTEMS, WIND CONE, BEACON, AWOS AND OTHER NAVAIDS FACILITIES AT ALL TIMES, UNLESS SPECIFICALLY NOTED OTHERWISE.
- THE CONTRACTOR SHALL LOCATE FAA UTILITIES WITH FAA TECHNICAL OPERATIONS PRIOR TO START OF ALL CONSTRUCTION.

5. CONTRACTOR ACCESS

- CONTRACTOR ACCESS SHALL BE AS NOTED BELOW AND AS SHOWN ON THE SITE PLAN AND CONSTRUCTION ACTIVITY PLAN SHEETS.
- THE CONTRACTOR SHALL DESIGNATE AT LEAST ONE PERSON TO MONITOR THE AIRPORT UNICOM FREQUENCY OF 122.80. THE PERSON DESIGNATED SHALL HAVE THE ABILITY TO EASILY COMMUNICATE WITH OTHER CONTRACTOR PERSONNEL WORKING ON THE JOBSITE. THE CONTRACTOR SHALL PROVIDE THEIR OWN WORKING RADIO(S).
- THE STORAGE AND STAGING AREAS SHALL BE AS SHOWN ON THE SITE PLAN.
- THE CONTRACTOR SHALL KEEP A RECORD OF THE NAMES OF ALL EMPLOYEES ENTERING THE JOB SITE ON A DAILY BASIS AND BE RESPONSIBLE FOR MAINTAINING THE SECURITY OF THE ACCESS GATES BY KEEPING THE GATES LOCKED AND GUARDED AT ALL TIMES. A RECORD OF EACH SUBCONTRACTOR ENTERING THE JOB SITE SHALL ALSO BE KEPT BY THE CONTRACTOR.
- WHEN THE CONTRACTOR IS NOT WORKING, EQUIPMENT SHALL BE STORED AT THE STAGING AREA OR WITHIN THE WORK AREA LIMITS
- THE CONTRACTOR SHALL STORE EQUIPMENT AND MATERIALS ONLY AT THE LOCATIONS SHOWN. PARKED EQUIPMENT AND MATERIAL STOCKPILES SHALL NOT PENETRATE SURFACES DEFINED BY F.A.R. TITLE 14 PART 77 - OBJECTS AFFECTING NAVIGABLE AIRSPACE.
- ALL CONSTRUCTION TRAFFIC OPERATING WITHIN AN ACTIVE RUNWAY OR TAXIWAY SAFETY AREA OR ON AN ACTIVE APRON SHALL BE UNDER CONTROL BY A FLAGMAN OR ESCORT WHO IS MONITORING THE AIRPORT UNICOM FREQUENCY. THE CONTRACTOR SHALL PROVIDE HIS/HER OWN FLAGMEN.
- THE CONTRACTOR SHALL THOROUGHLY AND CONTINUOUSLY CLEAN ALL CONSTRUCTION AREAS AND HAUL ROUTES WHICH WILL BE OPENED TO AIR TRAFFIC TO THE SATISFACTION OF THE ENGINEER. A POWER BROOM AND OPERATOR SHALL BE ON SITE AT ALL TIMES WHEN ACTIVE PAVEMENTS ARE UTILIZED FOR CONSTRUCTION TRAFFIC.
- ALL PAVEMENTS, DRIVES OR ANY OTHER AREAS UTILIZED BY THE CONTRACTOR FOR HAUL ROADS OR STORAGE AREAS SHALL BE MAINTAINED AND REPAIRED TO THE SAME CONDITION OR BETTER THAN THEY WERE PRIOR TO BEGINNING CONSTRUCTION. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR THIS WORK.
- ALL VEHICLE AND EQUIPMENT OPERATORS USED BY THE CONTRACTOR SHALL BE PROPERLY TRAINED BY THE CONTRACTOR. VEHICLE OPERATORS HAVING ACCESS TO THE MOVEMENT AREA SHALL BE FAMILIAR WITH AIRPORT PROCEDURES FOR THE OPERATION OF GROUND VEHICLES AND THE CONSEQUENCES OF NONCOMPLIANCE OR BE ESCORTED BY SOMEONE WHO IS.
- THE CONTRACTOR SHALL NOTIFY THE LOCAL FIRE DEPARTMENT IF CONSTRUCTION ACTIVITY WILL REQUIRE THE BLOCKAGE OF EMERGENCY ACCESS TO THE AIRPORT.

6. TEMPORARY FENCING AND PROJECT ACCESS NOTES

- SEE FENCING PLAN FOR LAYOUT OF PROPOSED FENCE AND FOR LAYOUT OF FENCE REMOVALS
- ALL PROPOSED FENCING SHALL BE INSTALLED PRIOR TO REMOVAL OF EXISTING. ANY GAPS IN FENCING SHALL ONLY BE ALLOWED TEMPORARILY AND UNDER DIRECT SUPERVISION OF CONTRACTOR PERSONNEL.

7. WILDLIFE MANAGEMENT

- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR AIRPORT MANAGER IF ANY WILDLIFE IS SEEN ENTERING THE AIRPORT.
- THE CONTRACTOR SHALL DISPOSE OF ALL TRASH INCLUDING FOOD SCRAPS IN APPROVED CONTRACTOR PROVIDED CONTAINERS.

8. FOREIGN OBJECT DEBRIS (FOD) MANAGEMENT

- THE CONTRACTOR SHALL PICK UP ANY FOREIGN OBJECT DEBRIS (FOD) SEEN ON THE AIRFIELD PAVEMENTS.
- THE CONTRACTOR SHALL SECURE ALL LOOSE ITEMS FROM VEHICLES PRIOR TO DRIVING ON AIRFIELD PAVEMENTS.

9. HAZARDOUS MATERIALS (HAZMAT) MANAGEMENT

- THE CONTRACTOR SHALL DEVELOP A HAZMAT MANAGEMENT PLAN AND KEEP COPIES ON THE JOBSITE OF MATERIAL SAFETY DATA SHEETS (SDS) FOR ALL MATERIALS HANDLED ON THE JOBSITE.

10. NOTIFICATION OF CONSTRUCTION ACTIVITIES

- THE CONTRACTOR SHALL PROVIDE A 24 HOUR EMERGENCY CONTACT PERSON AND PHONE NUMBER.
- THE CONTRACTOR SHALL GIVE A MINIMUM OF 72 HOURS NOTICE TO THE AIRPORT PRIOR TO CLOSING ANY PAVEMENTS SO THAT PROPER NOTAMS MAY BE ISSUED BY THE AIRPORT AND TO ALLOW FOR COORDINATION WITH THE AIRPORT TENANTS BY THE AIRPORT.
- FOR ANY EQUIPMENT USED BY THE CONTRACTOR WITH A HEIGHT GREATER THAN 100', THE CONTRACTOR SHALL SUBMIT FA FORM 7460-1 TO THE FAA FOR AN AIRSPACE STUDY. NO EQUIPMENT WITH A HEIGHT GREATER THAN 100' SHALL BE USED UNTIL A DETERMINATION FROM FAA IS RECEIVED.
- IN THE EVENT OF AN EMERGENCY, THE CONTRACTOR SHALL CALL 911.
- CONTACTS FOR THIS PROJECT ARE AS LISTED BELOW.

CITY (OWNER)	MIKE ANDERSON - DEPUTY DIRECTOR OF LSPW	(816) 969-1800
AIRPORT	JOEL ARRINGTON - AIRPORT MANAGER	(816) 969-1181
	AIRPORT FRONT DESK	(816) 969-1186
ENGINEER	TYLER HORN, P.E. - PROJECT MANAGER	(816) 853-2894
WATER UTILITIES		(816) 989-1900
FIRE DEPARTMENT		(816) 969-1300
POLICE DEPARTMENT		(816) 969-1700
FAA TECHNICAL OPERATIONS	BRIAN CHITTUM	(816) 329-2828
EMERGENCY		911

11. INSPECTION REQUIREMENTS

- THE CONTRACTOR SHALL INSPECT THE JOBSITE DAILY TO ENSURE COMPLIANCE WITH THE CSPP. THE CHECKLIST FOUND IN APPENDIX 3 OF FAA AC 150/5370-2G MAY BE USED TO AID IN THE INSPECTIONS.
- THE CONTRACTOR SHALL ATTEND A FINAL INSPECTION OF EACH PHASE WORK AREA PRIOR TO OPENING THE AREA TO AIRPORT OPERATIONS.

12. UNDERGROUND UTILITIES

- THE CONTRACTOR SHALL MAKE HIS OWN FIELD INVESTIGATION TO DETERMINE THE EXACT LOCATION OF THE UNDERGROUND UTILITIES AT CRITICAL POINTS. THE LOCATION OF UNDERGROUND UTILITIES AS INDICATED ON THE PLANS HAS BEEN OBTAINED FROM EXISTING RECORDS. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY IN RESPECT TO THE ACCURACY, COMPLETENESS OR SUFFICIENCY OF THE INFORMATION.
- BEFORE INITIATING ANY DIGGING, DRILLING OR EXCAVATING ON THE AIRPORT PROPERTY, THE CONTRACTOR SHALL CALL 1-800-DIG-RITE AND FAA TECHNICAL OPERATIONS TO ARRANGE FOR UTILITY LOCATES.

13. PENALTIES

- NONCOMPLIANCE BY THE CONTRACTOR WITH AIRPORT RULES AND REGULATIONS OR FAILURE TO COMPLY WITH THE AIRPORT'S APPROVED CSPP AND THE CONTRACTOR'S APPROVED SPCD MAY RESULT IN FINES AS ALLOWED BY LAW OR APPLICABLE REGULATION.

14. RUNWAY AND TAXIWAY VISUAL AIDS

- AIRPORT PAVEMENT SHALL BE CLOSED DURING THIS PROJECT. THE CONTRACTOR SHALL USE MARKING, LIGHTING AND SIGNS THAT FOLLOW THE REQUIREMENTS OF FAA AC 150/5370-2G.
- BARRICADES SHALL BE USED AND MAINTAINED AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEETS.

15. TRAFFIC CONTROL AND SIGNAGE NOTES

- PRIOR TO BEGINNING PROJECT CONSTRUCTION, A CONSTRUCTION TRAFFIC CONTROL PLAN SHALL BE DEVELOPED BY THE CONTRACTOR FOLLOWING GUIDELINES AS DESCRIBED IN THE CITY OF LEE'S SUMMIT TRAFFIC CONTROL PLAN ON SHEET G008 TRAFFIC CONTROL DETAILS. CONTRACTOR SHALL SUBMIT THE TRAFFIC CONTROL PLAN TO THE ENGINEER FOR APPROVAL PRIOR TO IMPLEMENTATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING, ERECTING, AND MAINTAINING TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNAGE FOR SURROUNDING ROADWAYS AS IDENTIFIED ON THE SUBMITTED TRAFFIC CONTROL PLAN. DAMAGED DEVICES SHALL BE REPLACED IMMEDIATELY BY THE CONTRACTOR, AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL INSTALL 'AUTHORIZED PERSONNEL ONLY' SIGN AT ACCESS ROAD ENTRANCE FOR PROJECT DURATION.

16. EROSION CONTROL NOTES

- PRIOR TO COMMENCING ANY SITE GRADING OR DEMOLITION, CONTRACTOR MUST INSTALL EROSION CONTROL MEASURES PER THE REQUIRED MINIMUM PERMANENT STORMWATER MANAGEMENT PRACTICES TO SATISFY STORMWATER PLANS, LOCAL PERMITTING REQUIREMENTS, AND THE EROSION CONTROL DEVICES AS DESIGNATED PER THESE PROJECT PLANS.
- ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AS EARLY AS PRACTICAL. ALL CONTROLS SHALL BE MONITORED REGULARLY, MAINTAINED, AND MODIFIED TO MAINTAIN EFFECTIVENESS.

17. HAZARD MARKING AND LIGHTING

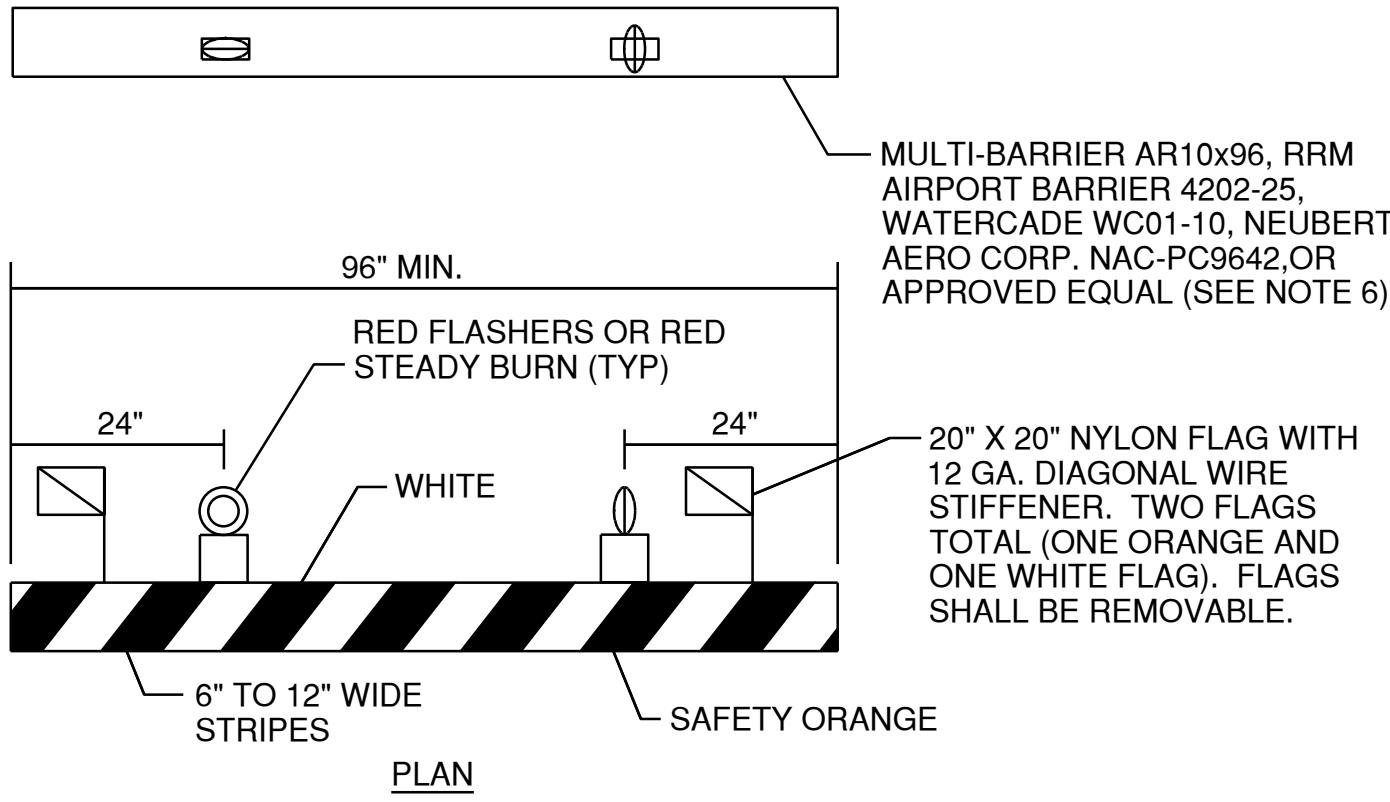
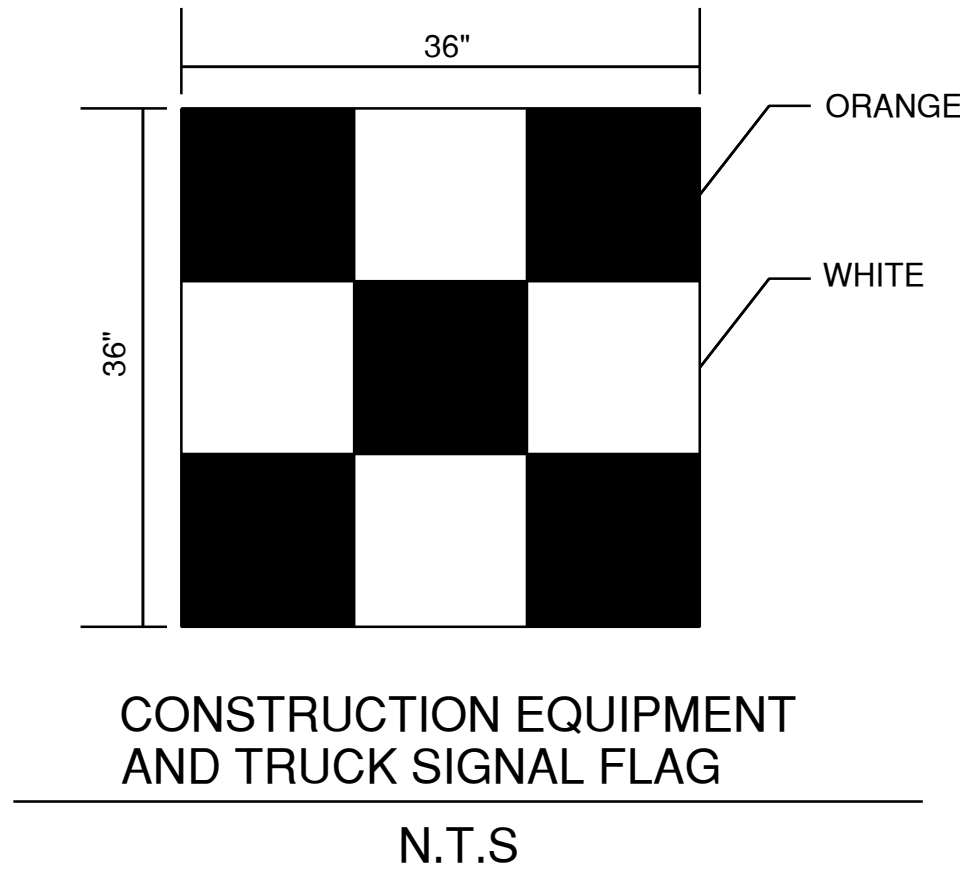
- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED LIGHTING OF OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCKPILES, AND HIS/HER CONSTRUCTION EQUIPMENT.
- ALL CONSTRUCTION EQUIPMENT SHALL BE FLAGGED AND/OR LIGHTED IN ACCORDANCE WITH FAA ADVISORY CIRCULAR 150/5370-2G AND 150/5210-5D AT ALL TIMES WHILE OPERATING ON AIRPORT PROPERTY.
- BARRICADES SHALL BE PLACED AT THE LOCATIONS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEET OR AS DIRECTED BY THE AIRPORT.
- THE CONTRACTOR SHALL INSPECT THE BARRICADES ONCE DURING EACH WORK DAY TO ENSURE PROPER PLACEMENT AND PROPER OPERATION OF THE RED LIGHTS.

18. PROTECTION

- THE CONTRACTOR SHALL NOT OPERATE ON ANY ACTIVE AIRFIELD PAVEMENTS.
- IF THE CONTRACTOR DAMAGES OR DIRTIES ANY ACTIVE PAVEMENTS THEY SHALL BE FIXED/CLEANED IMMEDIATELY.
- THE CONTRACTOR SHALL STAY CLEAR OF ALL TAXIWAY OBJECT FREE AREAS AND RUNWAY OBJECT FREE AREAS. THESE LIMITS CAN BE FOUND ON THE CONSTRUCTION ACTIVITY PLAN.
- THE RUNWAY APPROACH/DEPARTURE SURFACE IS A PROTECTED AIRSPACE SURFACE BEGINNING 200 FEET BEYOND ALL RUNWAY ENDS AND EXTENDS OUTWARD FROM THE RUNWAY AT A SLOPE OF 34:1 FOR 1,000 FEET. ALL CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL NOT BE PERMITTED TO PENETRATE THIS SURFACE.

19. OTHER LIMITATIONS ON CONSTRUCTION

- IF, DURING CONSTRUCTION, AN EMERGENCY IS DECLARED BY THE AIRPORT, THE CONTRACTOR SHALL IMMEDIATELY CLEAR THE PAVEMENT OF ALL VEHICLES, PERSONNEL AND EQUIPMENT.
- BROKEN CONCRETE, BROKEN ASPHALT, UNUSED PAINT, UNUSED SEALANT AND OTHER MISCELLANEOUS DEBRIS SHALL BE DISPOSED OF OFF AIRPORT PROPERTY IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS, UNLESS OTHERWISE SPECIFIED.
- PER AC 150/5370-2G, SECTION 2.22.2, EQUIPMENT MUST BE REMOVED FROM THE ROFA WHEN NOT IN USE.



BARRICADE NOTES:

- FLASHER OR STEADY BURN LIGHTS SHALL BE BATTERY OR SOLAR POWER OPERATED AND SHALL BE SECURED FIRMLY TO THE BARRICADES, AS APPROVED BY THE RESIDENT ENGINEER. LENS SHALL BE RED AND BE ABLE TO ROTATE 90°.
- FACING OF BARRICADE SHALL BE COVERED WITH REFLECTIVE TAPE OR PAINT.
- BARRICADES TO BE PLACED AT SPACINGS AS INDICATED ON THE CAP SHEETS. BARRICADES WILL EITHER BE PLACED WITH MAXIMUM 4' GAPS FROM EACH OTHER, OR 0' GAPS (OR INTERLOCKING BARRICADES) PER FAA AC 150/5370-2F. IN THE LOCATIONS AS SHOWN ON THE CONSTRUCTION ACTIVITY PLAN SHEETS.
- BARRICADES SHALL BE OF LOW MASS, EASILY COLLAPSIBLE UPON CONTACT WITH AN AIRCRAFT OR ANY OF IT COMPONENTS, AND WEIGHTED OR STURDILY ATTACHED TO THE SURFACE. IF AFFIXED TO THE SURFACE, THE BARRICADE MUST BE FRANGIBLE AT GRADE LEVEL OR LOW AS POSSIBLE, BUT NOT TO EXCEED 3 INCHES ABOVE THE GROUND.
- BARRICADES SHALL BE OF A COMMERCIAL DESIGN AND SHALL MEET CURRENT FAA REQUIREMENTS.
- THE COST OF FURNISHING AND MAINTAINING BARRICADES THROUGHOUT THE LIFE OF THE PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ALL BARRICADES ON RUNWAY, TAXIWAY OR APRONS SHALL BE LOW PROFILE BARRICADES.

LOW PROFILE LIGHTED BARRICADE
N.T.S.

RELEASED FOR CONSTRUCTION
As noted on Plan Sheets

Development Services Department
Lee's Summit, MO
03/16/2024



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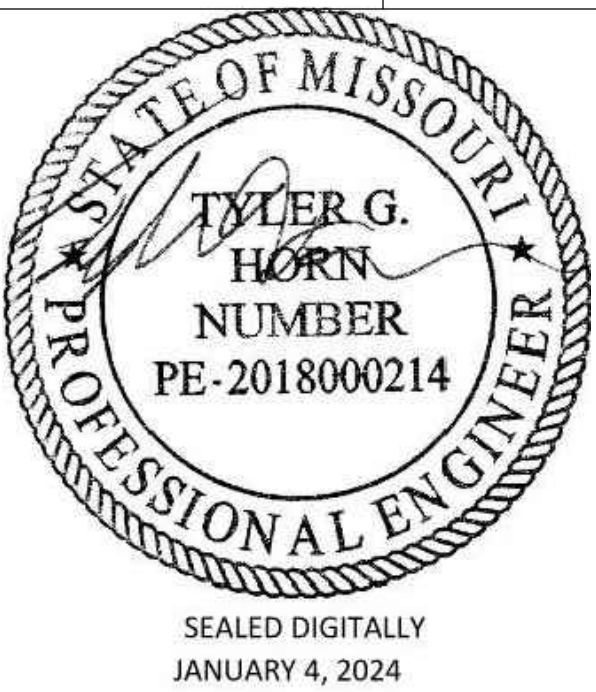
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64146

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: CAP NOTES
DESIGNED BY: WLC
DRAWN BY: WLC
CHECKED BY: JRC
APPROVED BY: TGH
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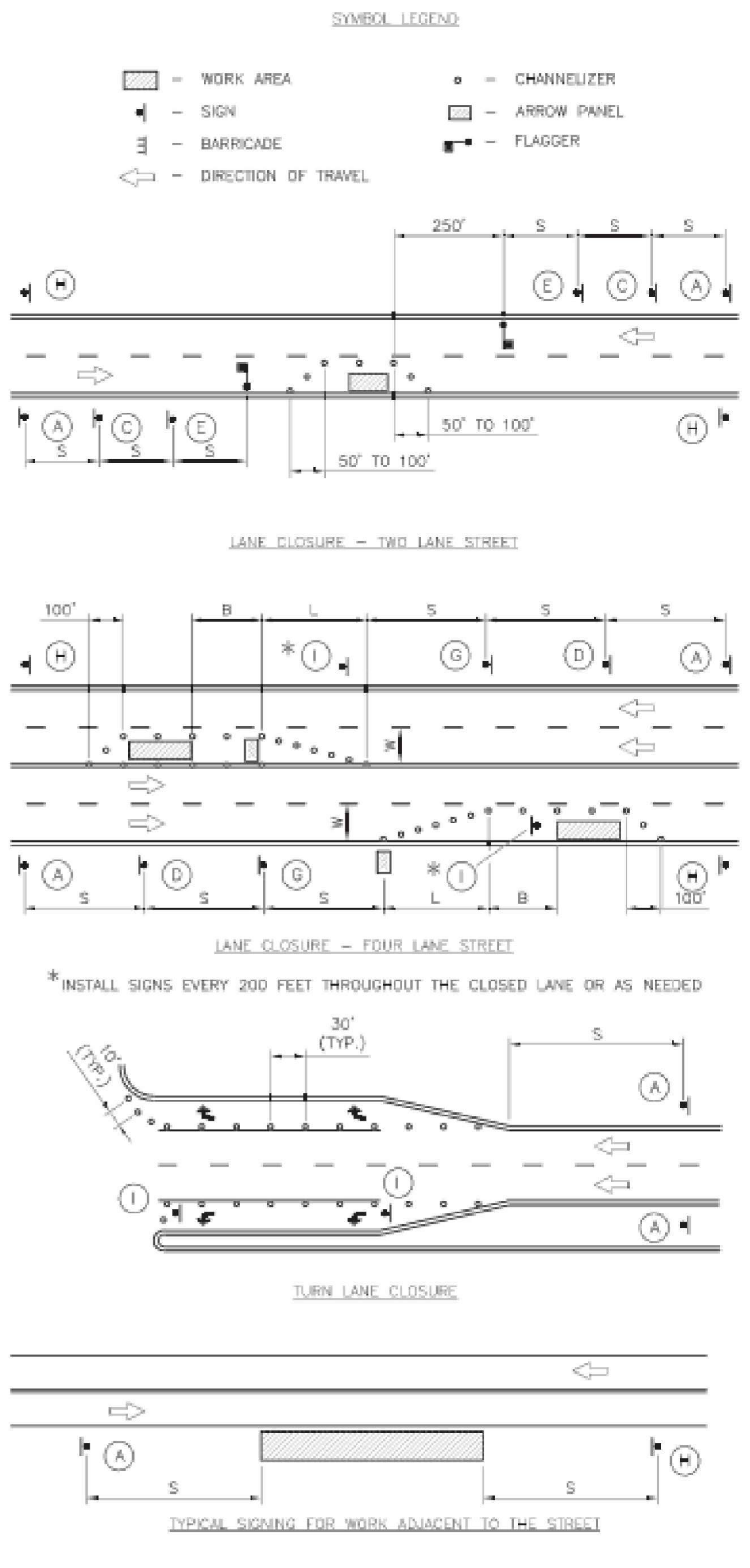
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SHEET 006 OF 131

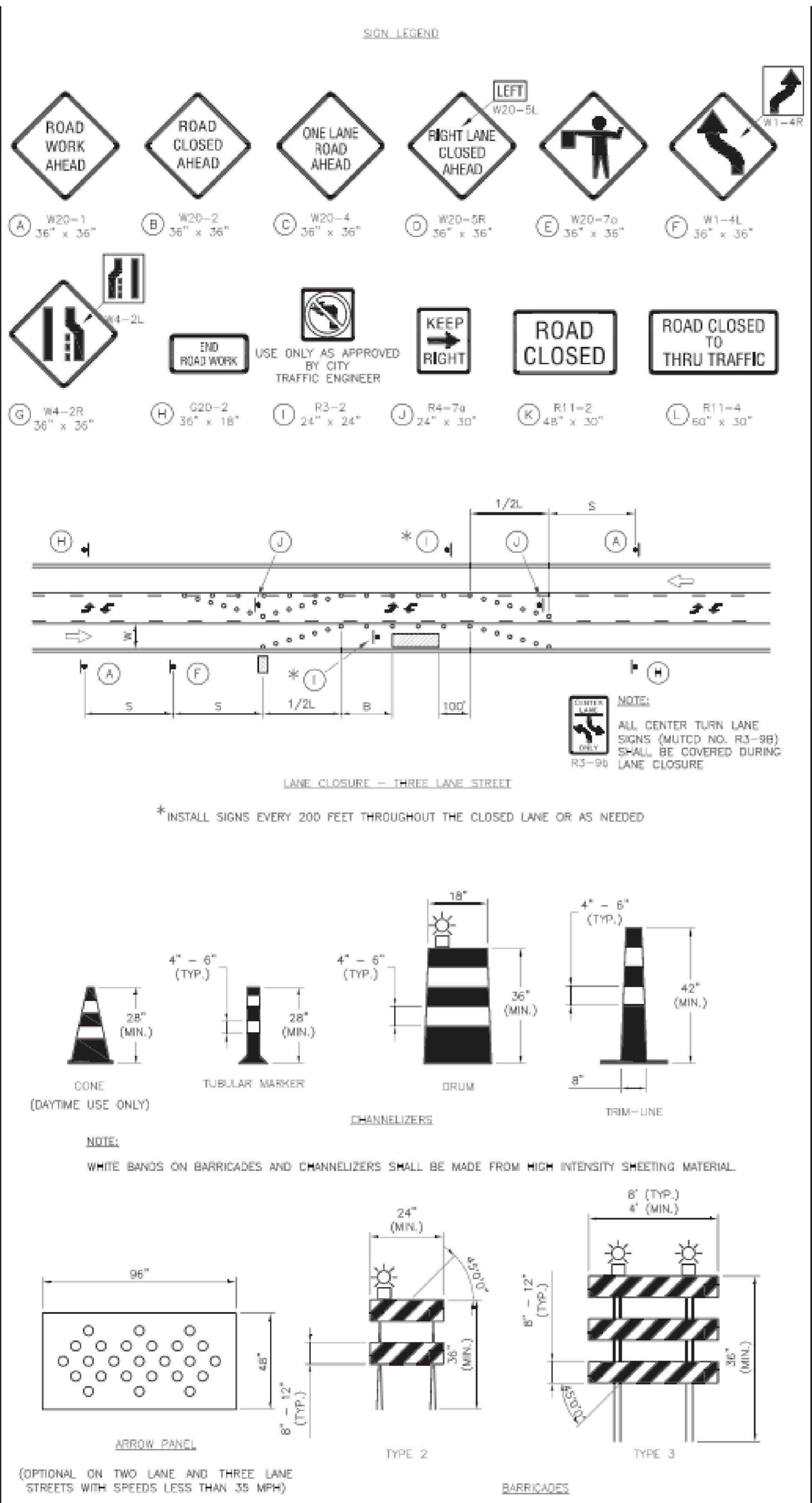
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GUIDELINES FOR LENGTH OF LONGITUDINAL BUFFER SPACE "b"		MAXIMUM CHANNELIZER SPACING		
SPEED LIMIT (MPH)	LENGTH (FEET)	SPEED LIMIT (MPH)	WITHIN TAPER (FEET)	OUTSIDE TAPER (FEET)
25	35	25	25	50
30	55	30	30	60
35	85	35	35	70
40	120	40	40	80
45	170	45	45	90

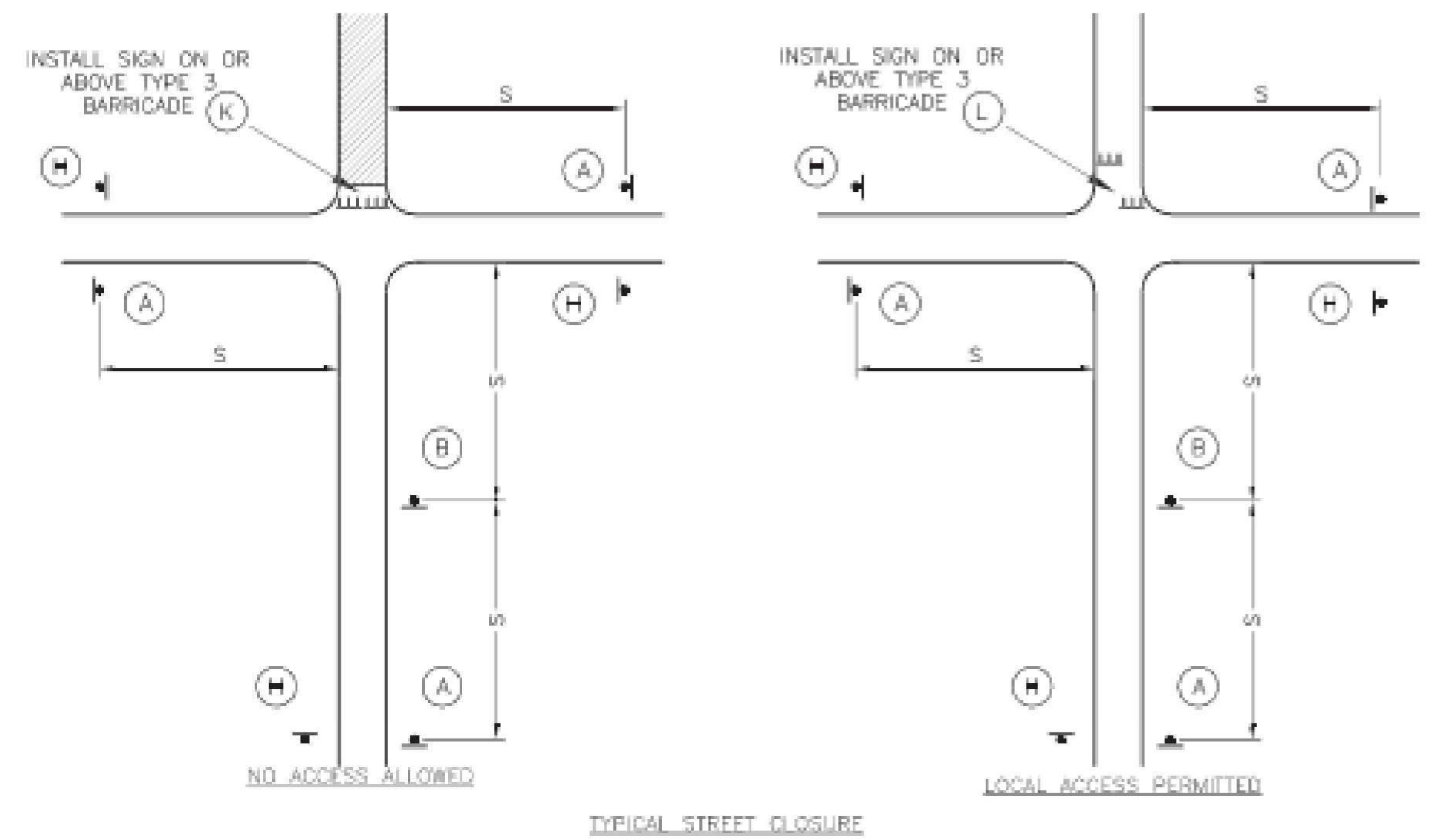
TAPER DIMENSIONS (FEET)				SIGN SPACING "S"	
SPEED LIMIT (MPH)	MINIMUM TAPER LENGTH "L", PER LANE WIDTH "W"			SPEED LIMIT (MPH)	SPACING (FEET)
	10	11	12		
25	105	115	125	6	
30	150	165	180	7	
35	205	225	245	8	
40	270	295	320	9	
45	450	495	540	13	

SIGN SPACING "S"	
SPEED LIMIT (MPH)	SPACING (FEET)
25	100
30-35	250
40-45	350



GENERAL NOTES:

- ALL SIGNS, BARRICADES, CHANNELIZERS, MARKINGS AND OTHER TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL TRAFFIC CONTROL DEVICES SHALL BE STANDARD IN SIZE, SHAPE, COLOR, AND MESSAGE, IN GOOD CONDITION, AND RETRO-REFLECTORIZED. ALL SIGNS SHALL BE SECURELY MOUNTED WITH HEIGHT AND LATERAL LOCATION AS DESCRIBED IN THE MUTCD.
- WARNING LIGHTS SHALL BE USED ON BARRICADES IN PLACE AT NIGHT AND ON WARNING SIGNS WHICH ALERT DRIVERS ABOUT A CHANGE IN ALIGNMENT, TRAFFIC CONTROL, LANE CLOSURE, OR ROAD CLOSURE.
- FLAGGERS SHALL BE USED WHERE INDICATED ON THE PLANS, WHERE CONSTRUCTION VEHICLES INTERACT WITH NORMAL TRAFFIC, OR WHERE CONSTRUCTION ACTIVITIES IMPOSE A RESTRICTION ON TRAFFIC, AS DIRECTED BY THE CITY TRAFFIC ENGINEER. WHERE FLAGGERS ARE USED, ADVANCE SIGNING SHALL BE ERECTED AS SHOWN IN THE DETAILS OR AS SPECIFIED IN THE MUTCD. FLAGGERS SHALL MEET THE REQUIREMENTS IN THE MUTCD IN REGARD TO CHARACTER, TRAINING, ATTIRE, AND BEHAVIOR.
- TRIM-LINES ARE THE CITY'S PREFERRED CHANNELIZING DEVICE. CONES MAY NOT BE USED AT NIGHTTIME.
- TRAFFIC CONTROL DEVICES NOT IN USE OR NOT APPLICABLE SHALL BE EITHER COVERED OR REMOVED FROM THE WORK AREA.
- THE CONTRACTOR SHALL USE BARRICADES, STREET PLATES, OR FENCING AS NEEDED TO EFFECTIVELY SHIELD PEDESTRIAN AND VEHICULAR TRAFFIC FROM EXPOSED OBJECTS, EXCAVATIONS, AND CONSTRUCTION ACTIVITIES.
- ACCESS SHALL BE MAINTAINED TO ALL DRIVEWAYS AND SIDE STREETS UNLESS NOTED OTHERWISE ON THE PLANS.
- NO STREET SHALL BE CLOSED WITHOUT THE APPROVAL OF THE CITY TRAFFIC ENGINEER. THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEER AT LEAST 7 DAYS IN ADVANCE OF ANY STREET CLOSURE. IF A DETOUR ROUTE AROUND THE CLOSURE IS TO BE PROVIDED, ALL DETOUR SIGNING SHALL BE AS SHOWN ON A PLAN APPROVED BY THE CITY TRAFFIC ENGINEER.
- CONSTRUCTION VEHICLES PARKED ALONG STREETS SHALL BE LOCATED WITHIN THE WORK AREA (TRAFFIC CONTROL) OR WHERE OTHERWISE NORMALLY PERMITTED. CONSTRUCTION MATERIALS, INCLUDING TRAFFIC CONTROL AND VEHICLES SHALL NOT RESTRICT SIGHT DISTANCE FOR VEHICLES EXITING AT STREETS OR DRIVES.
- CONSTRUCTION MATERIALS SHALL BE KEPT OFF OF SIDEWALKS, CONSOLIDATED IN ONE LOCATION WITHIN CITY RIGHT-OF-WAY, AND REMOVED DAILY UNLESS OTHERWISE APPROVED BY THE INSPECTOR. DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS ON STREETS AND SIDEWALKS SHALL BE REMOVED IMMEDIATELY.
- THE CONTRACTOR SHALL NOT PERFORM ANY WORK THAT WILL RESTRICT VEHICULAR TRAFFIC IN ANY WAY BETWEEN THE HOURS OF 7:00 A.M. AND 9:00 A.M. OR 4:00 P.M. AND 6:00 P.M. MONDAY THROUGH FRIDAY UNLESS OTHERWISE INDICATED IN THE SPECIFICATIONS.
- ALL TRAVEL LANES SHOULD BE AT LEAST 11 FEET WIDE UNLESS OTHERWISE AUTHORIZED BY THE CITY TRAFFIC ENGINEER. A "NARROW LANES" SIGN SHALL BE INSTALLED IN ADVANCE OF A LANE WIDTH REDUCTION TO LESS THAN 11 FEET.
- ALL EDGE DROP-OFFS OF MORE THAN 2 INCHES AND LESS THAN 4 INCHES SHOULD BE PROTECTED BY A WEDGE OR BARRIER AND ALL EDGE DROP-OFFS GREATER THAN 4 INCHES SHALL HAVE EDGE PROTECTION (SEE TRAFFIC CONTROL SPECIFICATIONS FOR EDGE TREATMENT REQUIREMENTS).
- THE "WORKERS" SYMBOLIC SIGN (MUTCD NO. W21-1A) MAY BE USED INSTEAD OF THE "ROAD WORK AHEAD" SIGN FOR WORK WITH A DURATION OF 12 HOURS OR LESS. THE "END ROAD WORK" SIGN IS NOT REQUIRED TO BE INSTALLED AFTER THE "WORKERS" SIGN.
- NO TRAFFIC SIGNAL SHALL BE ALTERED OR MODIFIED IN ANY WAY WITHOUT A PLAN APPROVED BY THE CITY TRAFFIC ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TRAFFIC CONTROL DEVICES ON AN AROUND-THE-CLOCK BASIS, WHETHER OR NOT WORK IS ACTIVELY BEING PURSUED AND ANY DEFICIENCIES NOTED SHALL BE CORRECTED IMMEDIATELY.
- THE TRAFFIC CONTROL REQUIREMENTS SHOWN ON THESE PLANS ARE MINIMUM REQUIREMENTS ONLY AND DO NOT ATTEMPT TO ADDRESS IN DEPTH THE VARIETY OF SITUATIONS THAT MAY OCCUR ONCE CONSTRUCTION HAS STARTED. IN NO WAY DO THE REQUIREMENTS SHOWN ON THESE PLANS RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR SELECTING THE PROPER TRAFFIC CONTROL DEVICES AND IMPLEMENTATION PROCEDURES THAT WILL ASSURE THE SAFETY OF DRIVERS, PEDESTRIANS, AND WORKERS AT ALL TIMES.
- SHOULD THE CONTRACTOR FAIL TO ENFORCE THE TRAFFIC CONTROL PLAN OR FAIL TO CLEAN, REPLACE OR OTHERWISE MAINTAIN THE TRAFFIC CONTROL DEVICES WHEN DIRECTED TO DO SO BY THE CITY TRAFFIC ENGINEER OR REPRESENTATIVE, THE CITY MAY TAKE ONE OR MORE OF THE FOLLOWING ACTIONS:
 - EMPLOY ANOTHER AGENCY TO CORRECT DEFICIENCIES IN TRAFFIC CONTROL DEVICES AND DEDUCT THE COST FROM THE CONTRACTOR'S PAY ESTIMATE.
 - STOP THE WORK UNTIL DEFICIENCIES ARE CORRECTED.
 - SUSPEND ALL PAY ESTIMATES UNTIL DEFICIENCIES ARE CORRECTED, OR
 - PLACE THE CONTRACTOR IN DEFAULT.



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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

MARK	DATE	DESCRIPTION
PROJECT NO.	47732472	
CAD DWG FILE:	CAP NOTES	
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DRAWN BY:	WLC	
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TRAFFIC CONTROL DETAILS

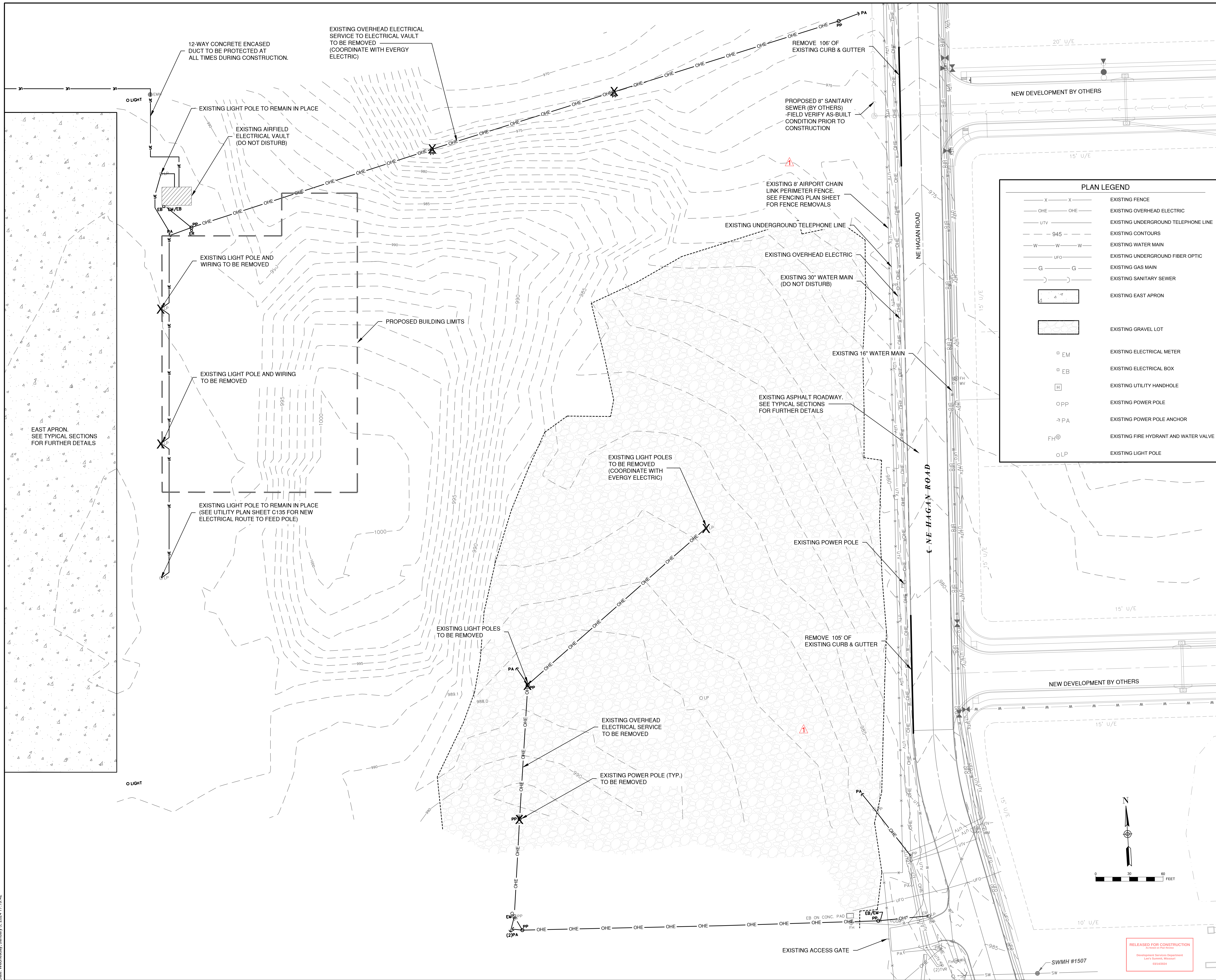
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Development Services Department
Lee's Summit, Missouri
03162004

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Date: Wednesday, January 3, 2024 11:19:42



PLAN LEGEND	
X X	EXISTING FENCE
OHE OHE	EXISTING OVERHEAD ELECTRIC
UTV	EXISTING UNDERGROUND TELEPHONE LINE
945	EXISTING CONTOURS
W W	EXISTING WATER MAIN
UFO	EXISTING UNDERGROUND FIBER OPTIC
G G	EXISTING GAS MAIN
	EXISTING SANITARY SEWER
	EXISTING EAST APRON
	EXISTING GRAVEL LOT
EM	EXISTING ELECTRICAL METER
EB	EXISTING ELECTRICAL BOX
H	EXISTING UTILITY HANDHOLE
OPP	EXISTING POWER POLE
PA	EXISTING POWER POLE ANCHOR
FH	EXISTING FIRE HYDRANT AND WATER VALVE
LP	EXISTING LIGHT POLE

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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: EXISTING CONDITIONS		
DESIGNED BY: WLC		
DRAWN BY: WLC		
CHECKED BY: JRC		
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SHEET TITLE
EXISTING CONDITIONS
AND DEMOLITION
SHEET
C101
SHEET 008 OF 131

SITE DATA TABLE		
PARKING SPACES SUMMARY	REQUIRED	STANDARD: 55 ADA: 3
	PROVIDED	STANDARD: 63 ADA: 4
	TOTAL: 67 SPACES	
TOTAL PROJECT AREA SIZE	676,500 SF	
	15.53 ACRES	
IMPERVIOUS AREA	155,697 SF	
BUILDING AREA SUMMARY	TOTAL FOOTPRINT	42,298 SF
	1ST FLOOR	42,298 SF
	2ND FLOOR	6,729 SF

INTERSECTION SIGHT DISTANCE NOTES:

1. PER AASHTO, INTERSECTION SIGHT DISTANCE (ISD) = 1.47(V/Tg)
- 1.1. V=55MPG (DESIGN FOR 40MPH)
- 1.2. Tg=11.5 FOR COMBINATION TRUCK LEFT TURN
- 1.3. Tg=10.5 FOR COMBINATION TRUCK RIGHT TURN
- 1.4. ISD (LEFT TURN)=680'
- 1.5. ISD (RIGHT TURN)=620'

SITE PLAN GENERAL NOTES:

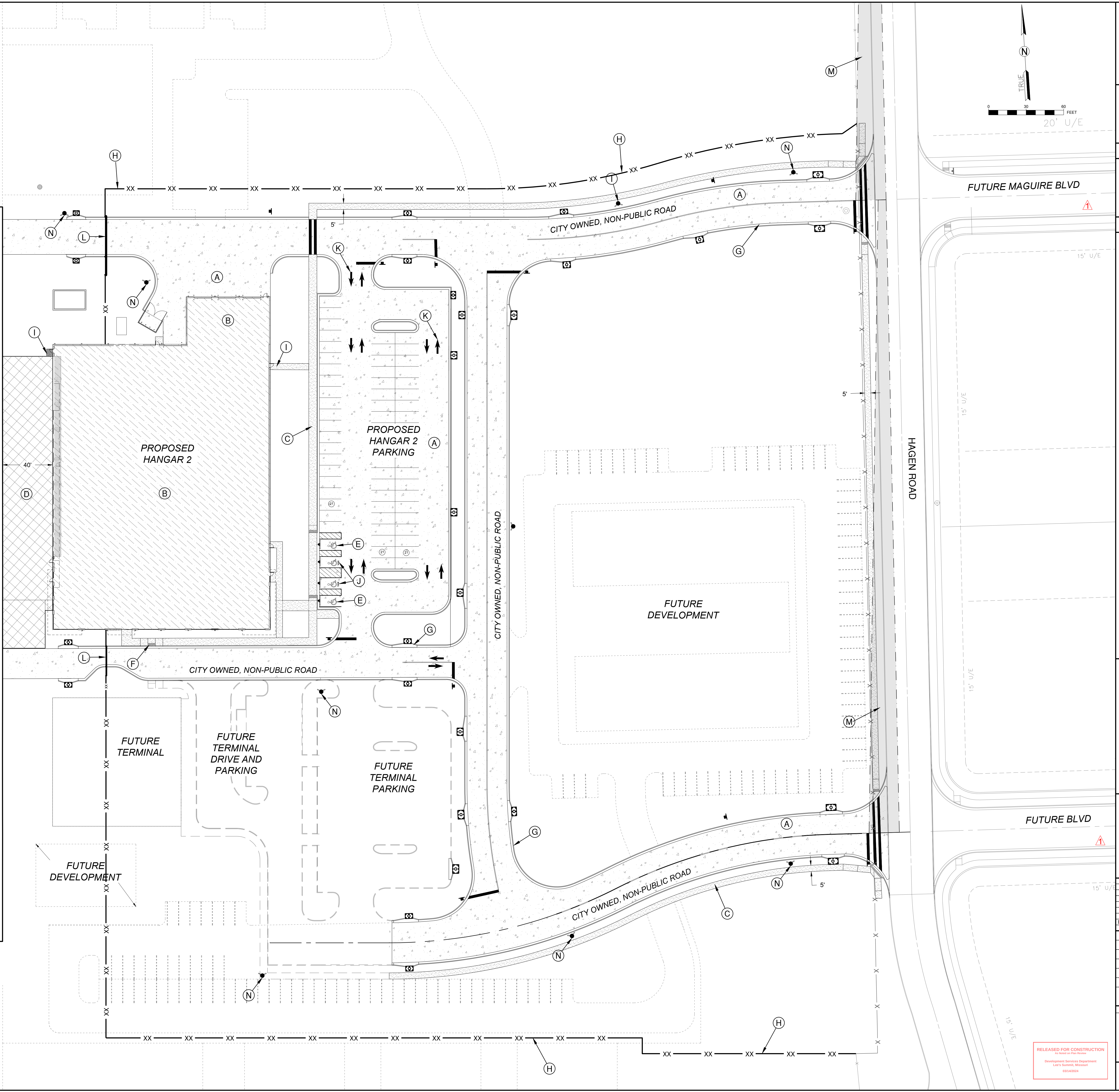
1. ALL DIMENSIONS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
2. ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY / STATE / FEDERAL / COUNTY REGULATIONS, CODES AND O.S.H.A. REGULATIONS.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THIS DRAWING WITH OTHER DRAWINGS THAT CONTAIN DIMENSIONS 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.
4. 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.
5. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS DOORS AND ENCLOSURES.
6. CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH WORK BY OTHERS INCLUDING UTILITY COMPANIES.

PARKING SUMMARY

STANDARD SPACES	63 SPACES
ADA SPACES	4 SPACES
TOTAL SPACES	67 SPACES

PLAN KEYNOTES

- (A) PROPOSED VEHICLE CONCRETE PAVEMENT -SEE PAVING PLAN
- (B) PROPOSED BUILDING
- (C) PCC SIDEWALK -SEE PAVING PLAN
- (D) PROPOSED AIRFIELD CONCRETE PAVEMENT
- (E) ADA STALL AND BOLLARD MOUNTED SIGNAGE - SEE MARKING AND SIGNAGE DETAIL
- (F) ADA SIDEWALK RAMP AND FLUSH CURB WITH 2'x6" ADA TRUNCATED DOME WARNING STRIP (TYP) - SEE SITE DETAILS
- (G) CONCRETE CURB AND GUTTER - SEE TYPICAL SECTIONS
- (H) 8" TALL CHAIN LINK FENCE WITH 3 STRANDS OF BARBED WIRE -SEE FENCING DETAILS
- (I) PROPOSED DOOR STOOP - SEE ARCHITECTURAL PLANS FOR DETAILS
- (J) ADA VAN STALL AND BOLLARD MOUNTED SIGNAGE - SEE MARKING AND SIGNAGE DETAIL
- (K) PAINTED TRAFFIC FLOW ARROW
- (L) AUTOMATIC SLIDING GATE - SEE FENCING PLAN
- (M) INTERSECTION SIGHT TRIANGLES
- (N) PROPOSED FIRE HYDRANT



0 30 60 FEET
20' U/E

FUTURE MAGUIRE BLVD

15' U/E

HAGEN ROAD

FUTURE BLVD

15' U/E



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



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ARCHITECTS, INC

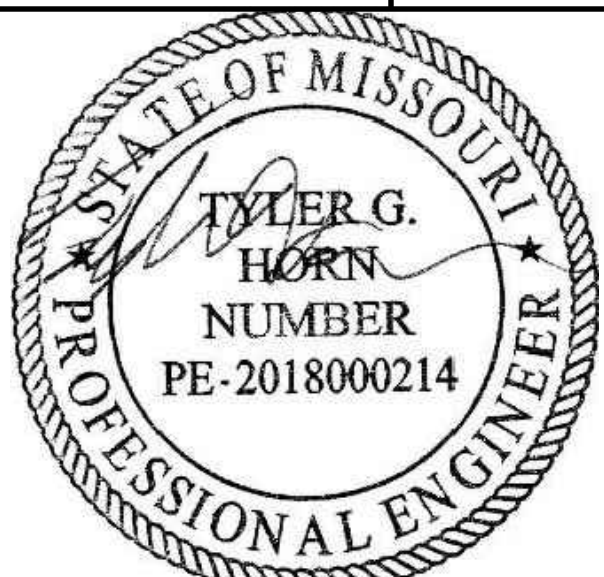
1627 MAIN STREET, #100
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1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

MARK DATE DESCRIPTION

PROJECT NO: 47732472

CAD DWG FILE: SITE PLAN

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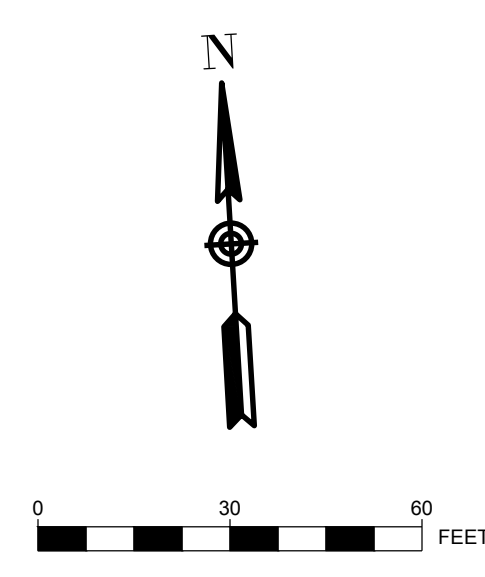
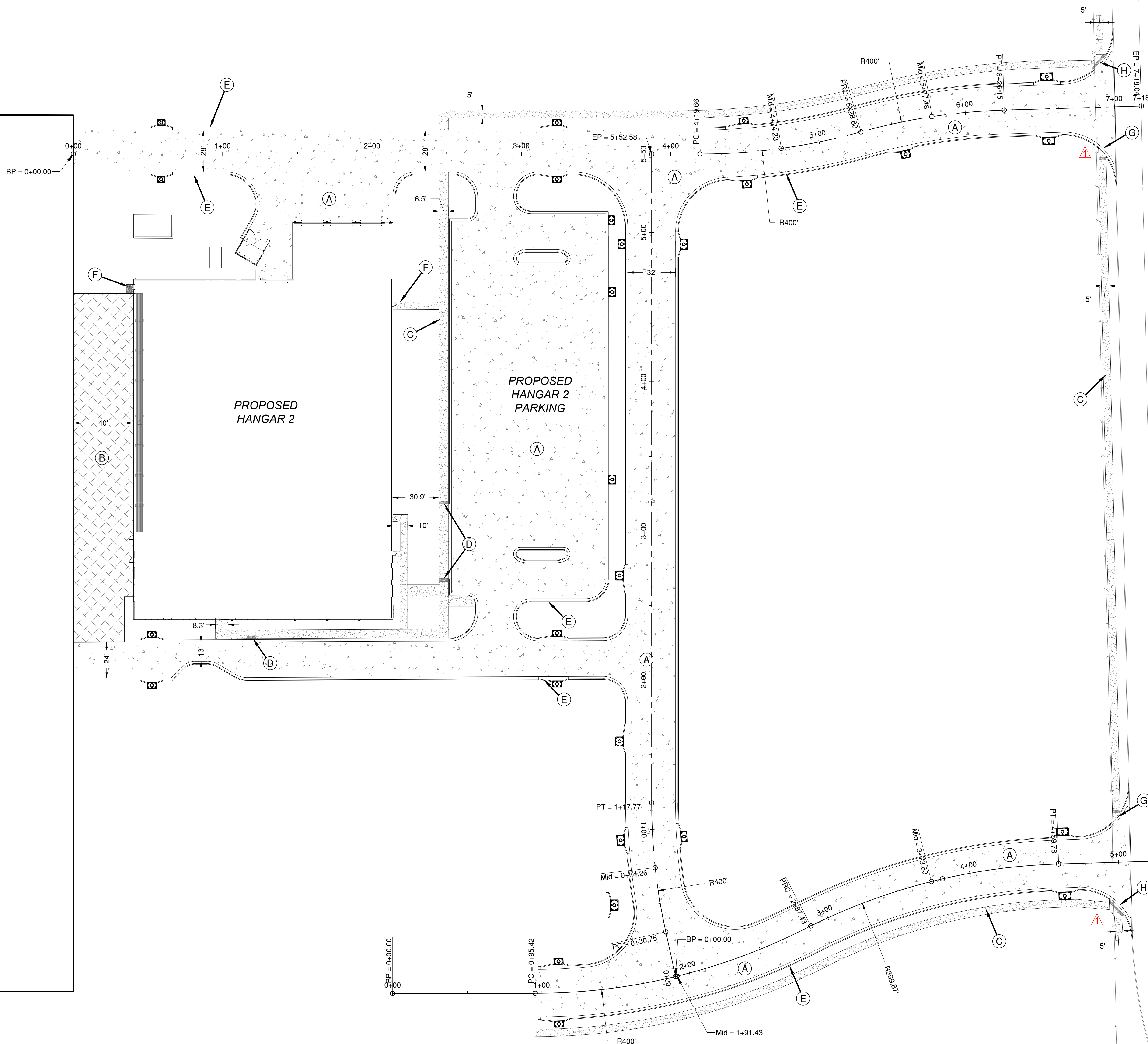
SITE PLAN

C102

SHEET 009 OF 131

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Development Services Department
Lee's Summit, Missouri
03/16/2024

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Date: Wednesday, January 3, 2024 11:20:05



- 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.
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 - CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL WORK WITH WORK BY OTHERS INCLUDING UTILITY COMPANIES.

CMT
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KANSAS CITY, MO 64108

olsson
1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

**EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472**

STATE OF MISSOURI
TYLER G. HORN
NUMBER
PE-2018000214
PROFESSIONAL ENGINEER
SEALED DIGITALLY
JANUARY 4, 2024

LEE'S SUMMIT MUNICIPAL AIRPORT LEE'S SUMMIT, MO		
MARK	DATE	DESCRIPTION
PROJECT NO.: 47732472		
CAD DWG FILE: PAVING PLAN		
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PAVING PLAN		
C103		
SHEET 010 OF 131		

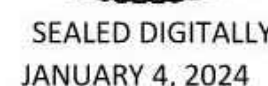
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Development Services Department
Lee's Summit, Missouri
03142024



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EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

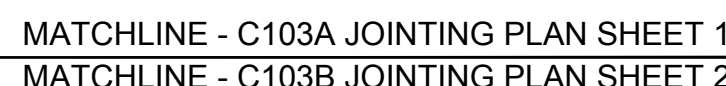


MARK	DATE	DESCRIPTION
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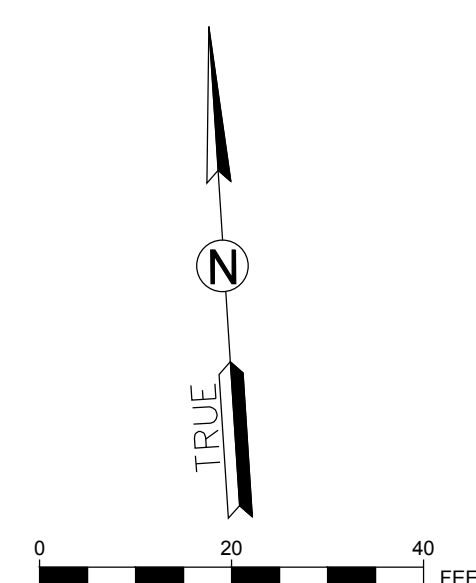
C103A

SHEET 014 OF 131



1. DRILL AND BOND DOWEL BARS INTO EXISTING PAVEMENT PRIOR TO PLACEMENT OF NEW PCC. MATCH EXISTING JOINTING.
2. ALL CONSTRUCTION JOINTS OR COLD JOINTS SHALL REQUIRE DRILL AND DOWELLED JOINTS
3. JOINTS ARE PRESENTED BASED ON AN EXPECTED PAVING PLAN FOR THIS PROJECT. CONTRACTOR MAY ELECT TO PAVE THE SITE DIFFERENTLY. HOWEVER, CONTRACTOR MUST PREPARE AND SUBMIT PAVING PLAN WITH AN ALTERNATIVE JOINTING PLAN TO ENGINEER FOR REVIEW. PAVING PLAN AND ALTERNATIVE JOINTING PLAN SHALL BE SUBMITTED AT LEAST 10 CALENDAR DAYS IN ADVANCE OF ANY SCHEDULED PAVES. NO ADDITIONAL COSTS TO THE CONTRACT SHALL BE INCURRED BY THE OWNER FOR THE PREPARATION OF AN ALTERNATIVE JOINTING PLAN. NO ADDITIONAL COSTS TO THE CONTRACT SHALL BE INCURRED BY THE OWNER IF AN ALTERNATIVE JOINTING PLAN IS ACCEPTED.
4. SEE SHEET C138 FOR JOINTING DETAILS

	ISOLATION JOINT - TYPE A
	DOWELED CONSTRUCTION JOINT - TYPE E
	DOWELED CONTRACTION JOINT - TYPE C
	EXISTING JOINT
	PANEL WITH THICKENED EDGE
R	ODD-SHAPED PANEL WITH MESH REINFORCEMENT



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031413604



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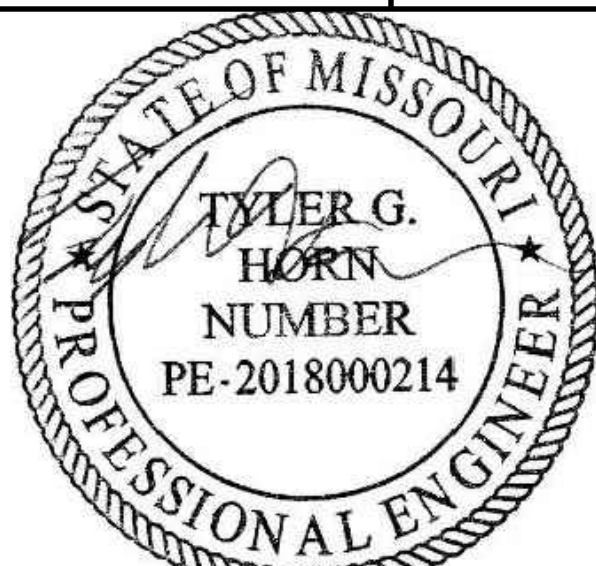
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KANSAS CITY, MO 64108



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NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: JOINTING PLAN 2.0
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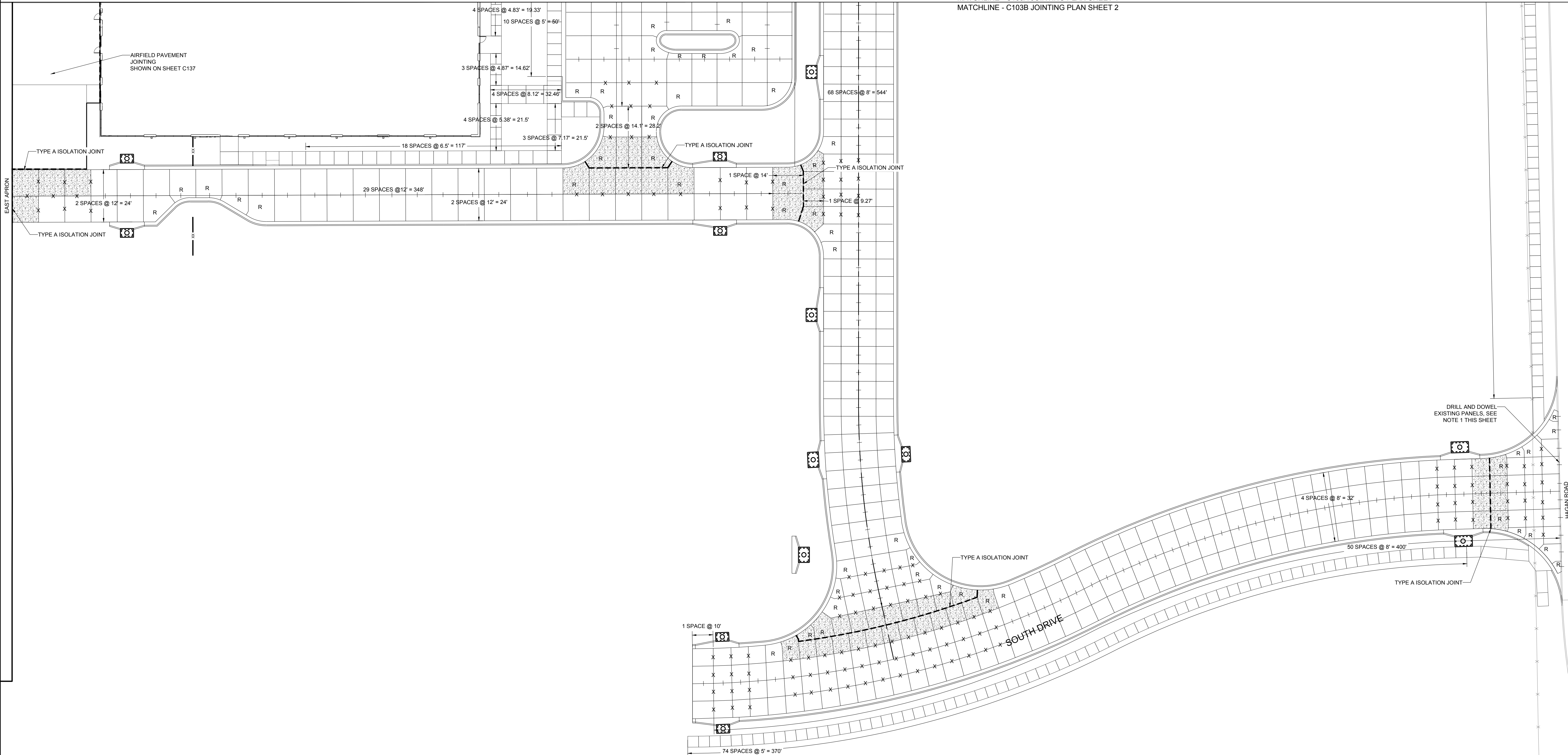
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JOINTING PLAN
SHEET 2

C103B

SHEET 015 OF 131

MATCHLINE - C103A JOINTING PLAN SHEET 1
MATCHLINE - C103B JOINTING PLAN SHEET 2

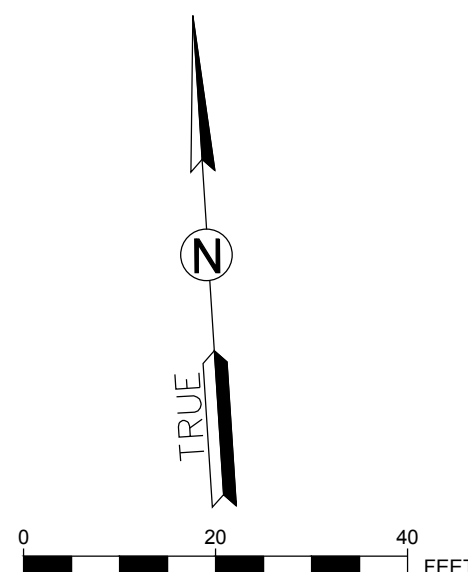


JOINTING NOTES

1. DRILL AND BOND DOWEL BARS INTO EXISTING PAVEMENT PRIOR TO PLACEMENT OF NEW PCC. MATCH EXISTING JOINTING.
2. ALL CONSTRUCTION JOINTS OR COLD JOINTS SHALL REQUIRE DRILL AND DOWELLED JOINTS
3. JOINTS ARE PRESENTED BASED ON AN EXPECTED PAVING PLAN FOR THIS PROJECT. CONTRACTOR MAY ELECT TO PAVE THE SITE DIFFERENTLY, HOWEVER, CONTRACTOR MUST PREPARE AND SUBMIT PAVING PLAN WITH AN ALTERNATIVE JOINTING PLAN TO ENGINEER FOR REVIEW. PAVING PLAN AND ALTERNATIVE JOINTING PLAN SHALL BE SUBMITTED AT LEAST 10 CALENDAR DAYS IN ADVANCE OF ANY SCHEDULED PAVES. NO ADDITIONAL COSTS TO THE CONTRACT SHALL BE INCURRED BY THE OWNER FOR THE PREPARATION OF AN ALTERNATIVE JOINTING PLAN. NO ADDITIONAL COSTS TO THE CONTRACT SHALL BE INCURRED BY THE OWNER IF AN ALTERNATIVE JOINTING PLAN IS ACCEPTED.
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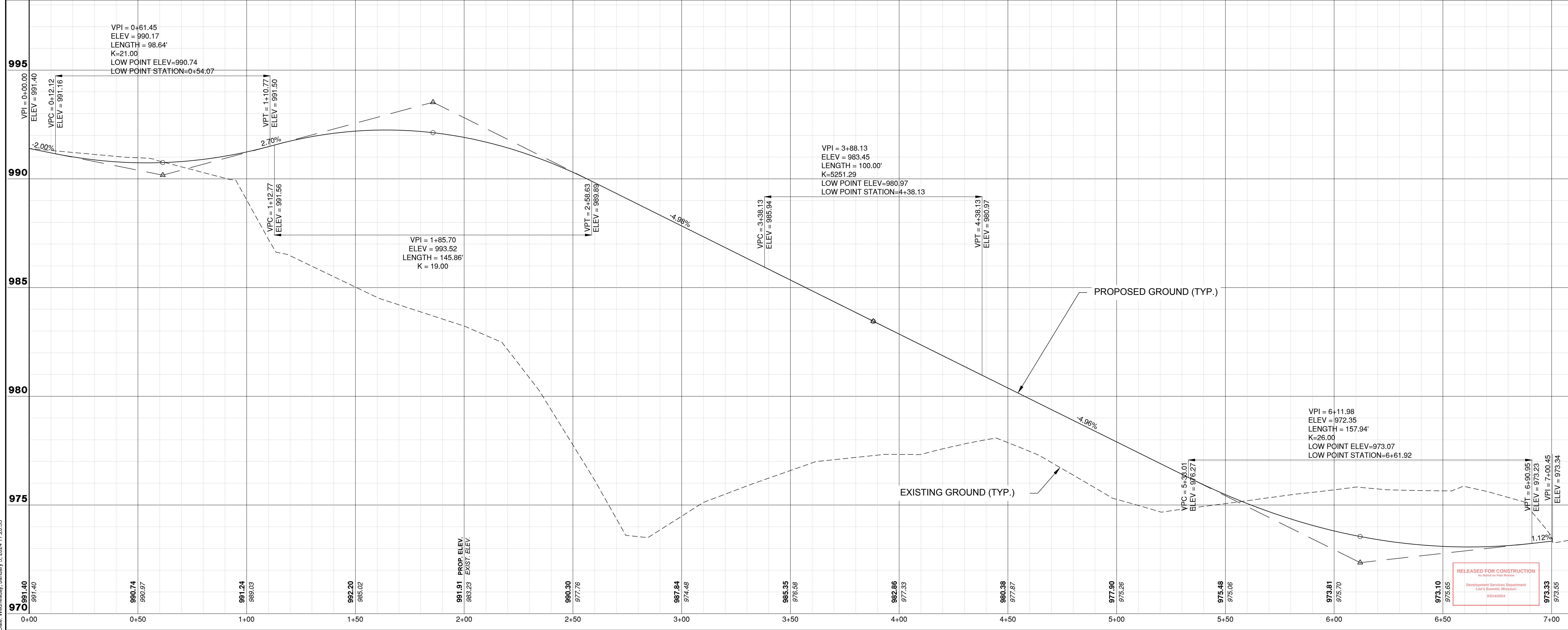
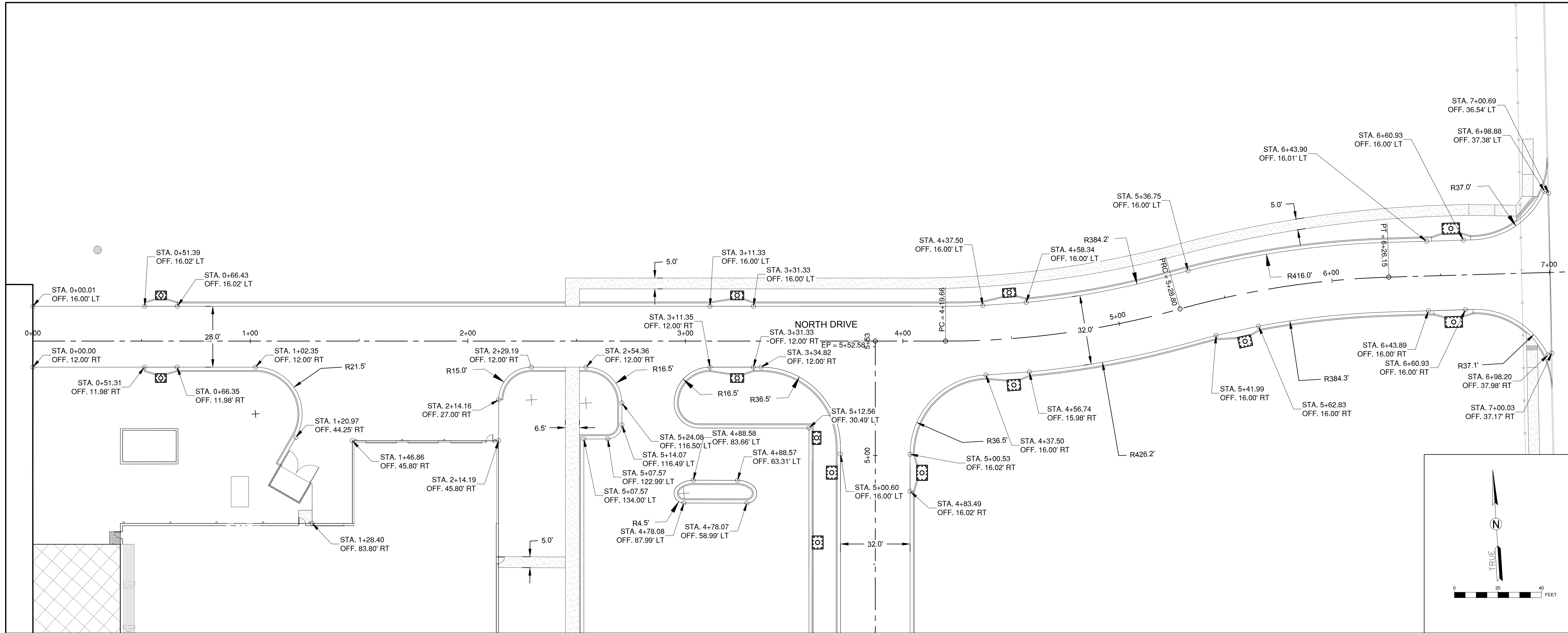
LEGEND

- ISOLATION JOINT - TYPE A
- DOWELED CONSTRUCTION JOINT - TYPE E
- DOWELED CONTRACTION JOINT - TYPE C
- EXISTING JOINT
- PANEL WITH THICKENED EDGE
- ODD-SHAPED PANEL WITH MESH REINFORCEMENT



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Development Services Department
Lee's Summit, Missouri
02/04/2024

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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



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: SOUTH DRIVE PLAN & PROFILE
DESIGNED BY: WLC
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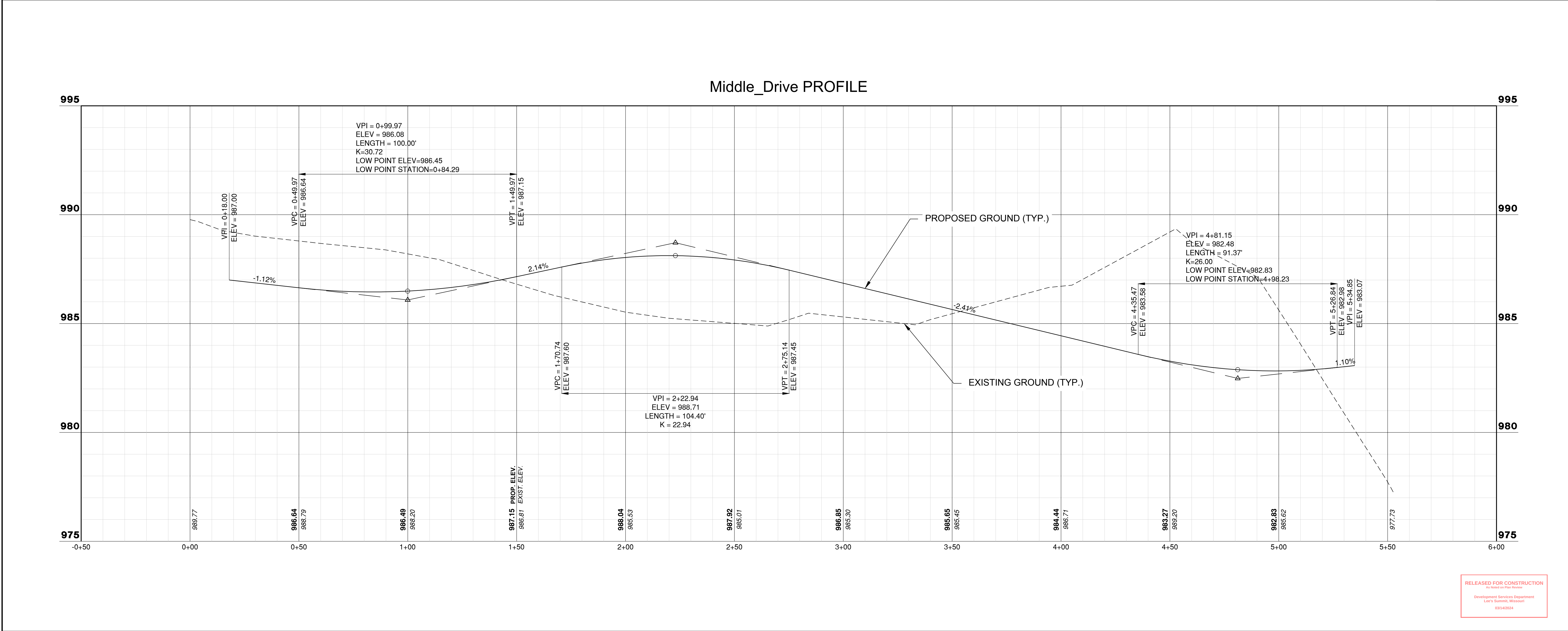
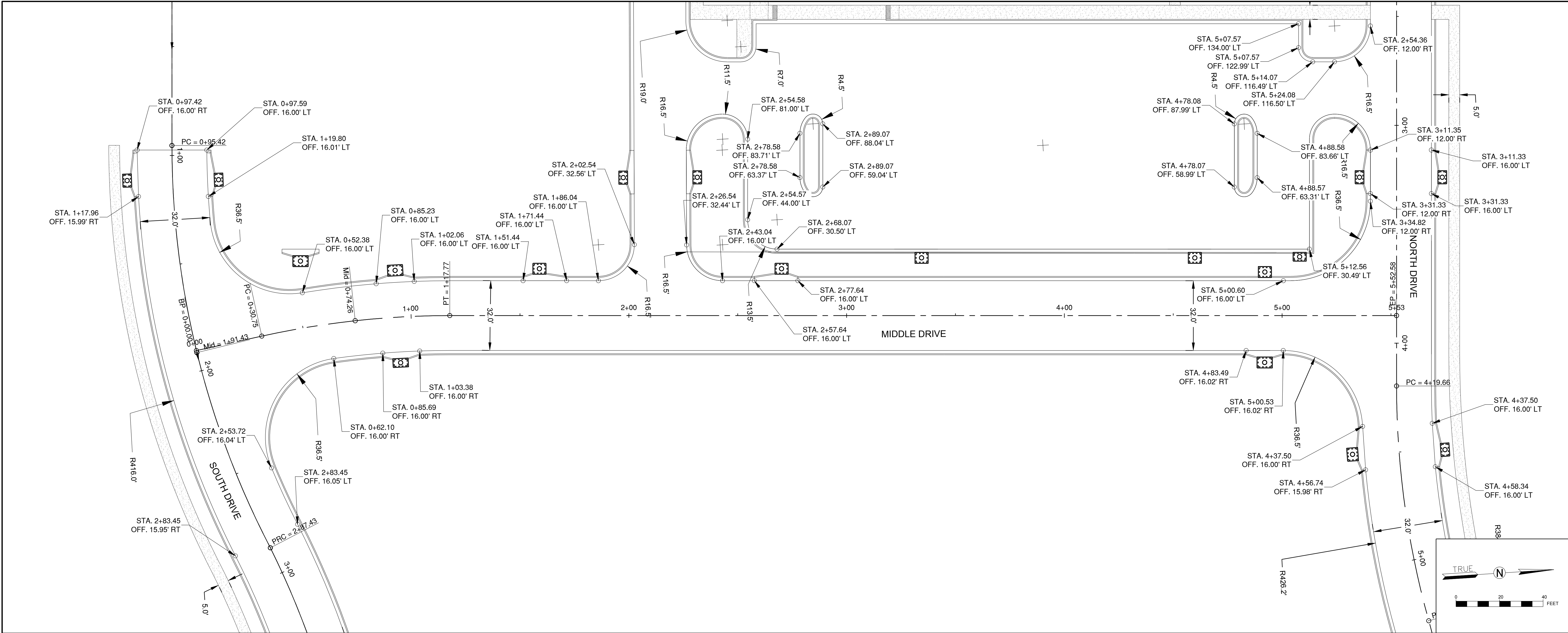
SHEET TITLE

NORTH DRIVE PLAN &
PROFILE

C104

SHEET 013 OF 131

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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

MARK	DATE	DESCRIPTION
PROJECT NO:	47732472	
CAD DWG FILE:	SOUTH DRIVE PLAN & PROFILE	
DESIGNED BY:	WLC	
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SHEET TITLE

MIDDLE DRIVE PLAN & PROFILE

C105

SHEET 014 OF 131

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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

MARK	DATE	DESCRIPTION
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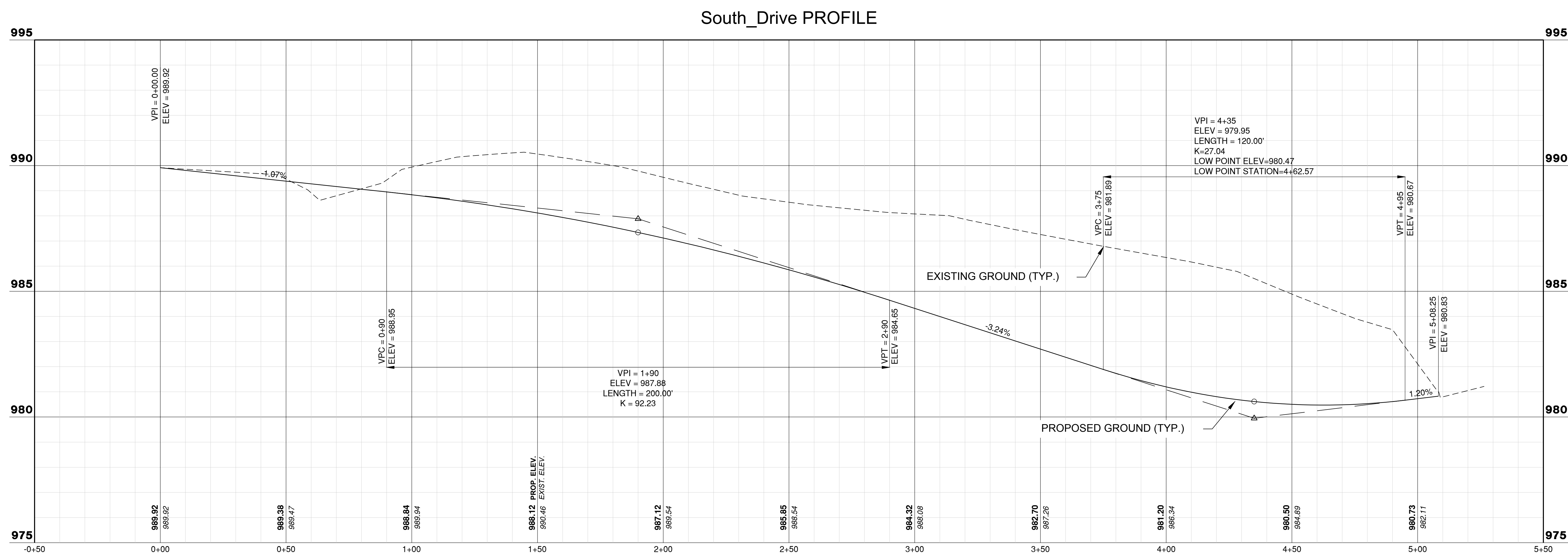
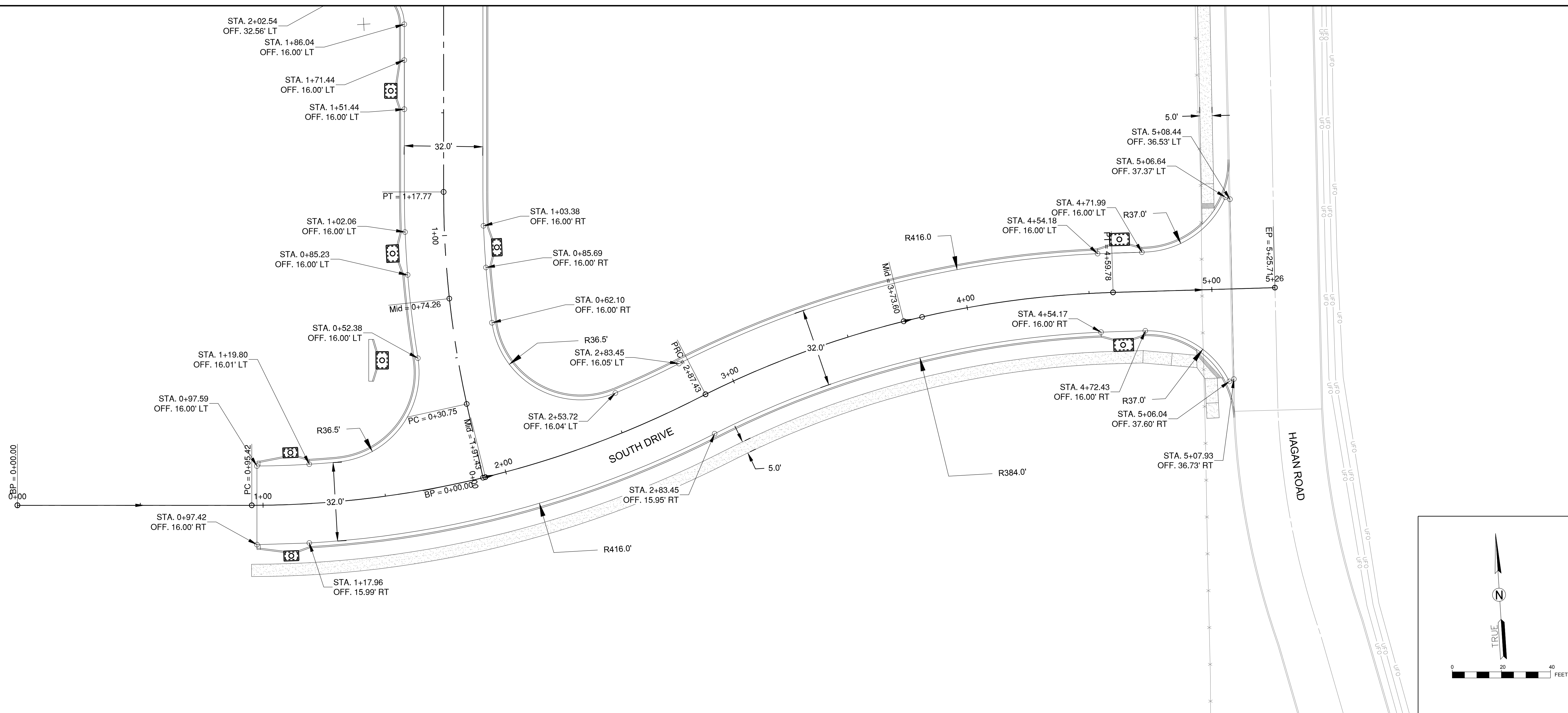
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SHEET TITLE

SOUTH DRIVE PLAN & PROFILE

C106

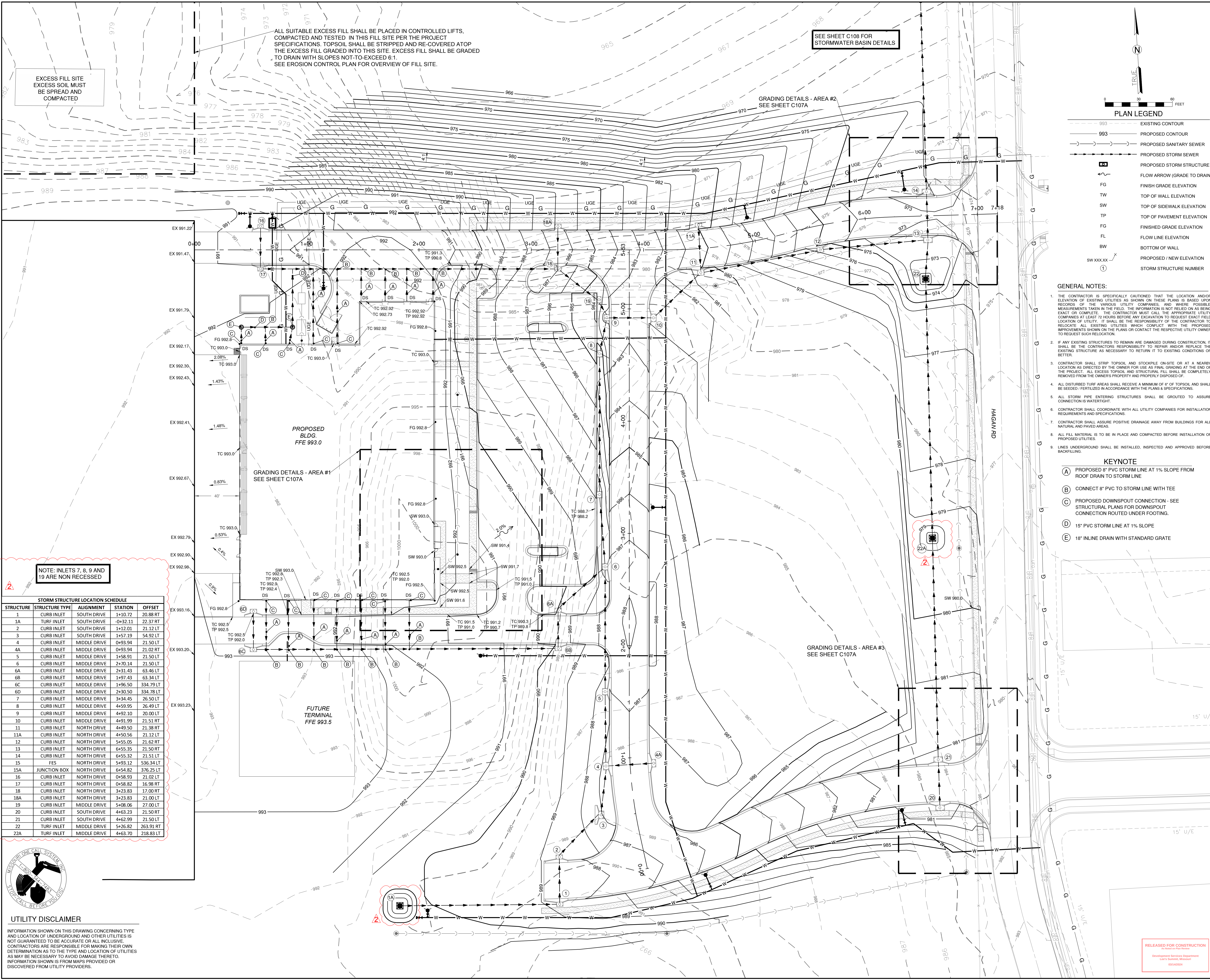
SHEET 015 OF 131



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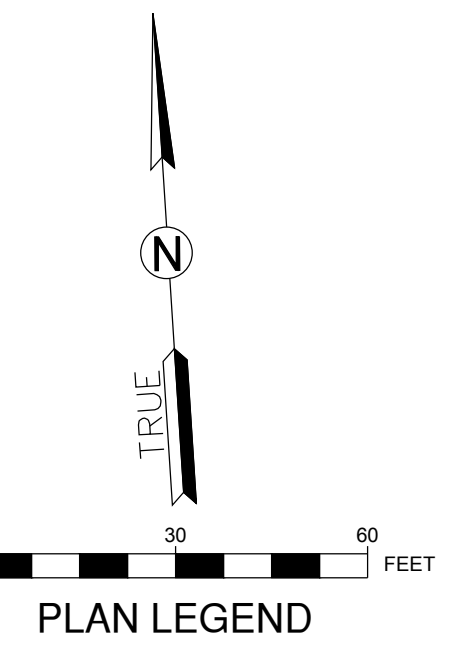
02/14/2024



EXCESS FILL SITE
EXCESS SOIL MUST
BE SPREAD AND
COMPACTED

ALL SUITABLE EXCESS FILL SHALL BE PLACED IN CONTROLLED LIFTS,
COMPACTED AND TESTED IN THIS FILL SITE PER THE PROJECT
SPECIFICATIONS. TOPSOIL SHALL BE STRIPPED AND RE-COVERED ATOP
THE EXCESS FILL GRADED INTO THIS SITE. EXCESS FILL SHALL BE GRADED
TO DRAIN WITH SLOPES NOT-TO-EXCEED 6:1.
SEE EROSION CONTROL PLAN FOR OVERVIEW OF FILL SITE.

SEE SHEET C108 FOR
STORMWATER BASIN DETAILS



- PLAN LEGEND**
- EXISTING CONTOUR
 - PROPOSED CONTOUR
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED STORM STRUCTURE
 - FLOW ARROW (GRADE TO DRAIN)
 - FG
 - TW
 - SW
 - TP
 - FL
 - BW
 - PROPOSED / NEW ELEVATION
 - STORM STRUCTURE NUMBER

- GENERAL NOTES:**
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED UPON RECORDS OF THE VARIOUS UTILITY COMPANIES. AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS OR CONTACT THE RESPECTIVE UTILITY OWNER TO REQUEST SUCH RELOCATION.
 - IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
 - CONTRACTOR SHALL STRIP TOPSOIL AND STOCKPILE ON-SITE OR AT A NEARBY LOCATION AS DIRECTED BY THE OWNER FOR USE AS FINAL GRADING AT THE END OF THE PROJECT. ALL EXCESS TOPSOIL AND STRUCTURAL FILL SHALL BE COMPLETELY REMOVED FROM THE OWNERS PROPERTY AND PROPERLY DISPOSED OF.
 - ALL DISTURBED TURF AREAS SHALL RECEIVE A MINIMUM OF 6" OF TOPSOIL AND SHALL BE SEEDS / FERTILIZED IN ACCORDANCE WITH THE PLANS & SPECIFICATIONS.
 - ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUDED TO ASSURE CONNECTION IS WATER TIGHT.
 - CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
 - CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
 - ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
 - ALL LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.

- KEYNOTE**
- (A) PROPOSED 8" PVC STORM LINE AT 1% SLOPE FROM ROOF DRAIN TO STORM LINE
 - (B) CONNECT 8" PVC TO STORM LINE WITH TEE
 - (C) PROPOSED DOWNSPOUT CONNECTION - SEE STRUCTURAL PLANS FOR DOWNSPOUT CONNECTION ROUTED UNDER FOOTING.
 - (D) 15" PVC STORM LINE AT 1% SLOPE
 - (E) 18" INLINE DRAIN WITH STANDARD GRATE

NOTE: INLETS 7, 8, 9 AND 19 ARE NON RECESSED

STORM STRUCTURE LOCATION SCHEDULE				
STRUCTURE	STRUCTURE TYPE	ALIGNMENT	STATION	OFFSET
1	CURB INLET	SOUTH DRIVE	1+10.72	20.88 RT
1A	TURF INLET	SOUTH DRIVE	0+32.11	22.37 RT
2	CURB INLET	SOUTH DRIVE	1+42.01	21.12 LT
3	CURB INLET	SOUTH DRIVE	1+57.19	54.92 LT
4	CURB INLET	MIDDLE DRIVE	0+93.94	21.50 LT
4A	CURB INLET	MIDDLE DRIVE	0+93.94	21.02 RT
5	CURB INLET	MIDDLE DRIVE	1+58.91	21.50 LT
6	CURB INLET	MIDDLE DRIVE	2+70.14	21.50 LT
6A	CURB INLET	MIDDLE DRIVE	2+31.43	63.46 LT
6B	CURB INLET	MIDDLE DRIVE	1+97.43	63.34 LT
6C	CURB INLET	MIDDLE DRIVE	1+96.50	334.79 LT
6D	CURB INLET	MIDDLE DRIVE	2+30.50	334.78 LT
7	CURB INLET	MIDDLE DRIVE	3+34.45	26.50 LT
8	CURB INLET	MIDDLE DRIVE	4+59.95	26.49 LT
9	CURB INLET	MIDDLE DRIVE	4+92.10	20.00 LT
10	CURB INLET	MIDDLE DRIVE	4+91.99	21.51 RT
11	CURB INLET	NORTH DRIVE	4+49.50	21.38 RT
11A	CURB INLET	NORTH DRIVE	4+50.56	21.12 LT
12	CURB INLET	NORTH DRIVE	5+55.05	21.62 RT
13	CURB INLET	NORTH DRIVE	6+55.35	21.50 RT
14	CURB INLET	NORTH DRIVE	6+55.32	21.51 LT
15	FES	NORTH DRIVE	5+93.12	536.34 LT
15A	JUNCTION BOX	NORTH DRIVE	6+54.82	376.25 LT
16	CURB INLET	NORTH DRIVE	0+58.93	21.02 LT
17	CURB INLET	NORTH DRIVE	0+58.82	16.98 RT
18	CURB INLET	NORTH DRIVE	3+23.83	17.00 RT
18A	CURB INLET	NORTH DRIVE	3+23.83	21.00 LT
19	CURB INLET	MIDDLE DRIVE	5+08.06	27.00 LT
20	CURB INLET	SOUTH DRIVE	4+63.23	21.50 RT
21	CURB INLET	SOUTH DRIVE	4+62.99	21.50 LT
22	TURF INLET	MIDDLE DRIVE	5+26.82	263.91 RT
22A	TURF INLET	MIDDLE DRIVE	4+63.70	218.83 LT



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.

1627 MAIN STREET, SUITE 600
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LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI
EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

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JANUARY 4, 2024

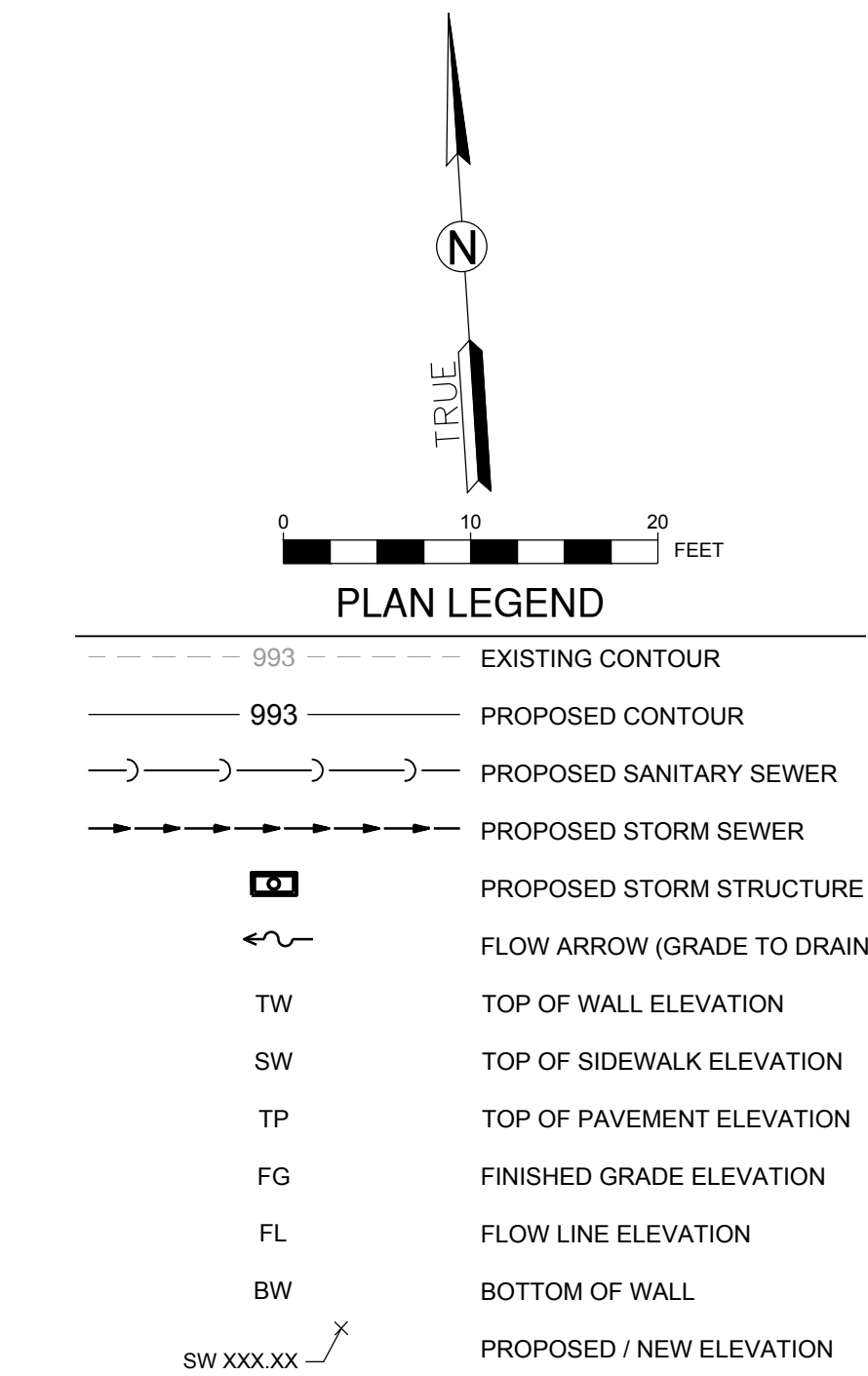
LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

MARK	DATE	DESCRIPTION
PROJECT NO.	47732472	
CAD DWG FILE:	GRADING PLAN	
DESIGNED BY:	WLC	
DRAWN BY:	WLC	
CHECKED BY:	JRC	
APPROVED BY:	TGH	
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GRADING PLAN

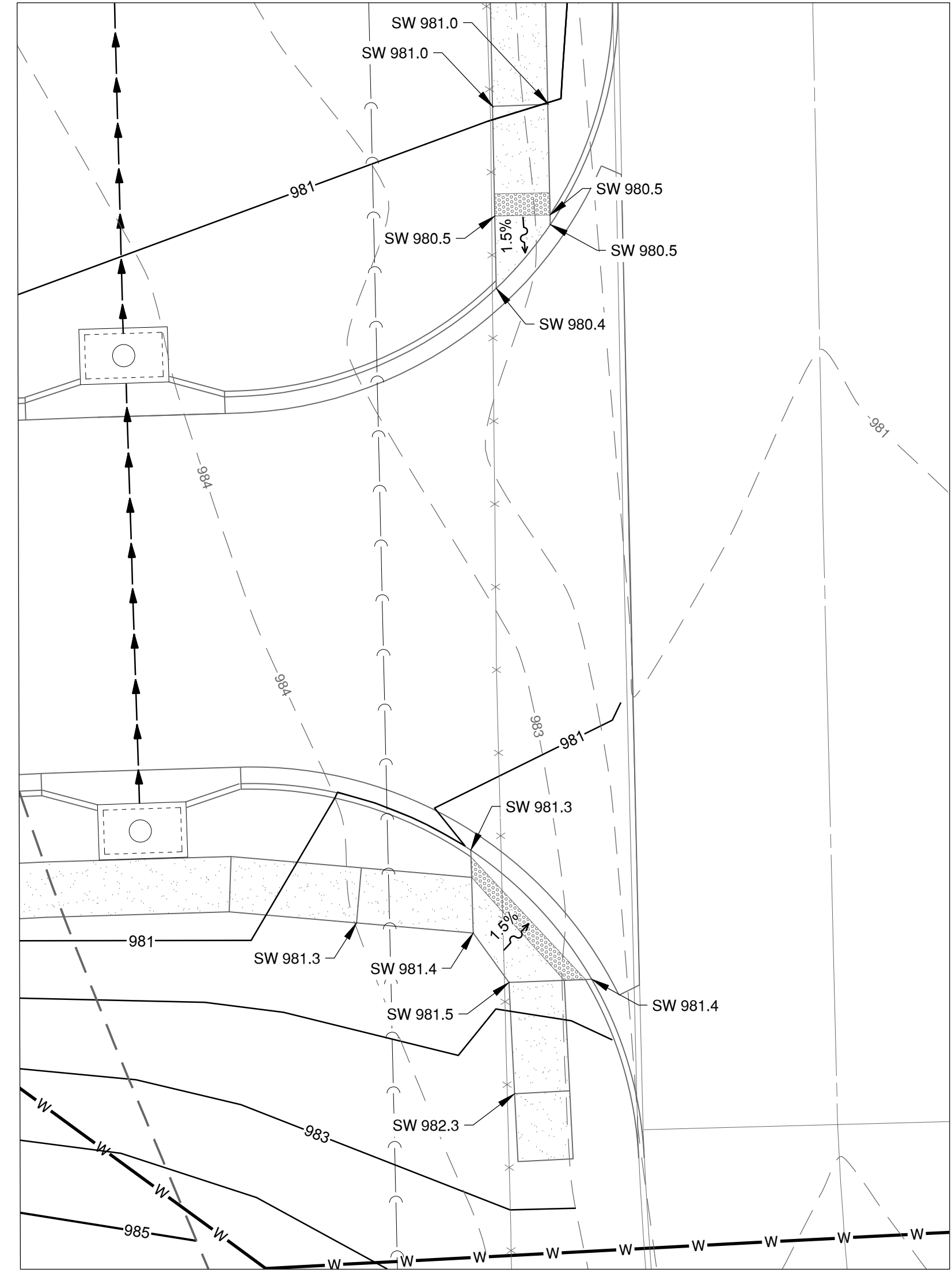
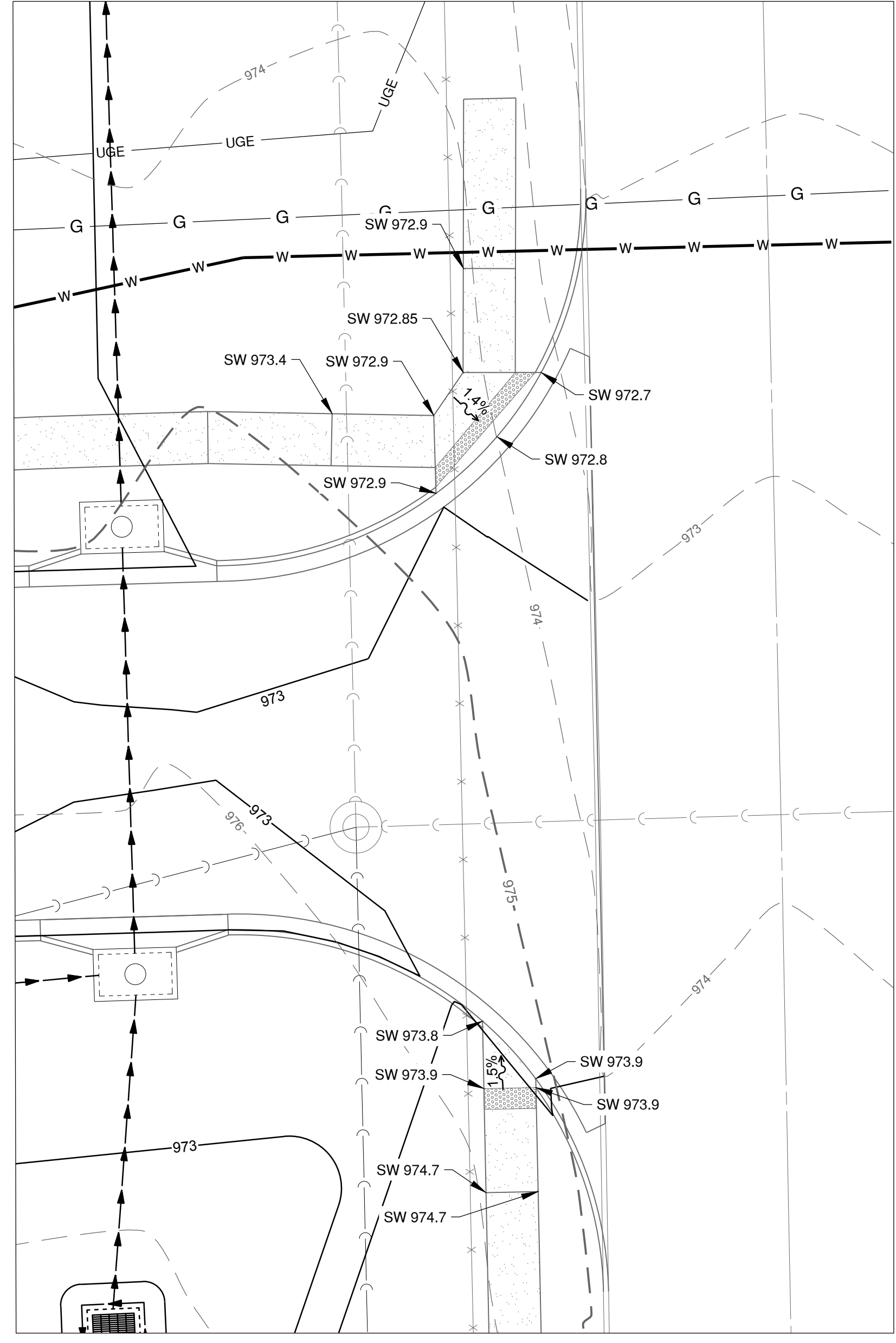
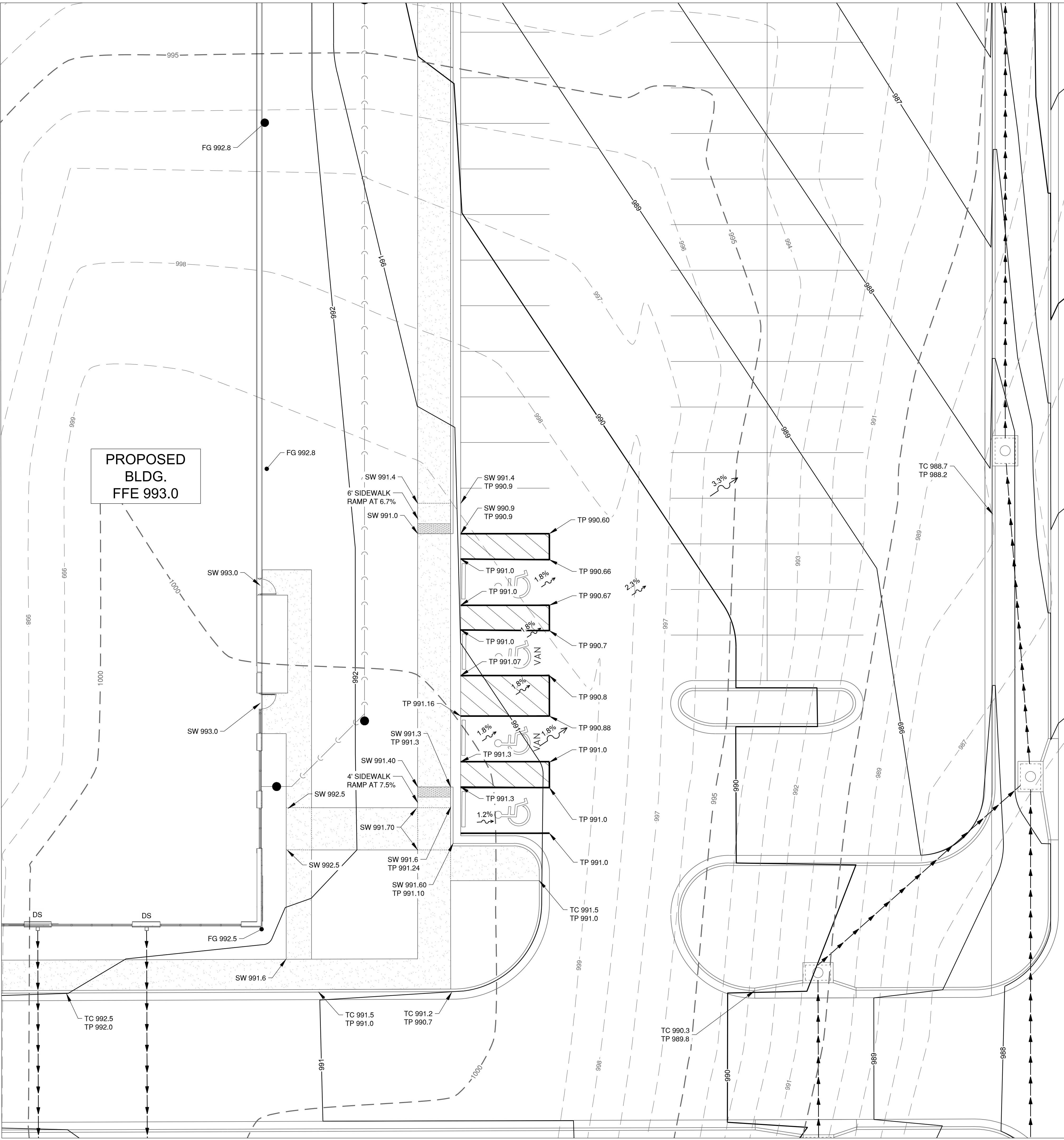
C107

SHEET 016 OF 131



GENERAL NOTES:

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED UPON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS OR CONTACT THE RESPECTIVE UTILITY OWNER TO REQUEST SUCH RELOCATION.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- CONTRACTOR SHALL STRIP TOPSOIL AND STOCKPILE ON-SITE OR AT A NEARBY LOCATION AS DIRECTED BY THE OWNER FOR USE AS FINAL GRADING AT THE END OF THE PROJECT. ALL EXCESS TOPSOIL AND STRUCTURAL FILL SHALL BE COMPLETELY REMOVED FROM THE OWNER'S PROPERTY AND PROPERLY DISPOSED OF.
- ALL DISTURBED TURF AREAS SHALL RECEIVE A MINIMUM OF 1" OF TOPSOIL AND SHALL BE SEEDS/ FERTILIZED IN ACCORDANCE WITH THE PLANS & SPECIFICATIONS.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION IS WATERTIGHT.
- CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- ALL UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.



CMT

1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

WELLNER ARCHITECTS, INC

1627 MAIN STREET, #100
KANSAS CITY, MO 64108

olsson

1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

STATE OF MISSOURI
TYLER G. HORN
NUMBER
PE-2018000214
PROFESSIONAL ENGINEER
SEALED DIGITALLY
JANUARY 4, 2024

LEE'S SUMMIT MUNICIPAL AIRPORT LEE'S SUMMIT, MO		
MARK	DATE	DESCRIPTION
PROJECT NO.: 47732472		
CAD DWG FILE: GRADING PLAN DETAIL		
DESIGNED BY: WLC		
DRAWN BY: WLC		
CHECKED BY: JRC		
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GRADING DETAILS

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SHEET 017 OF 131

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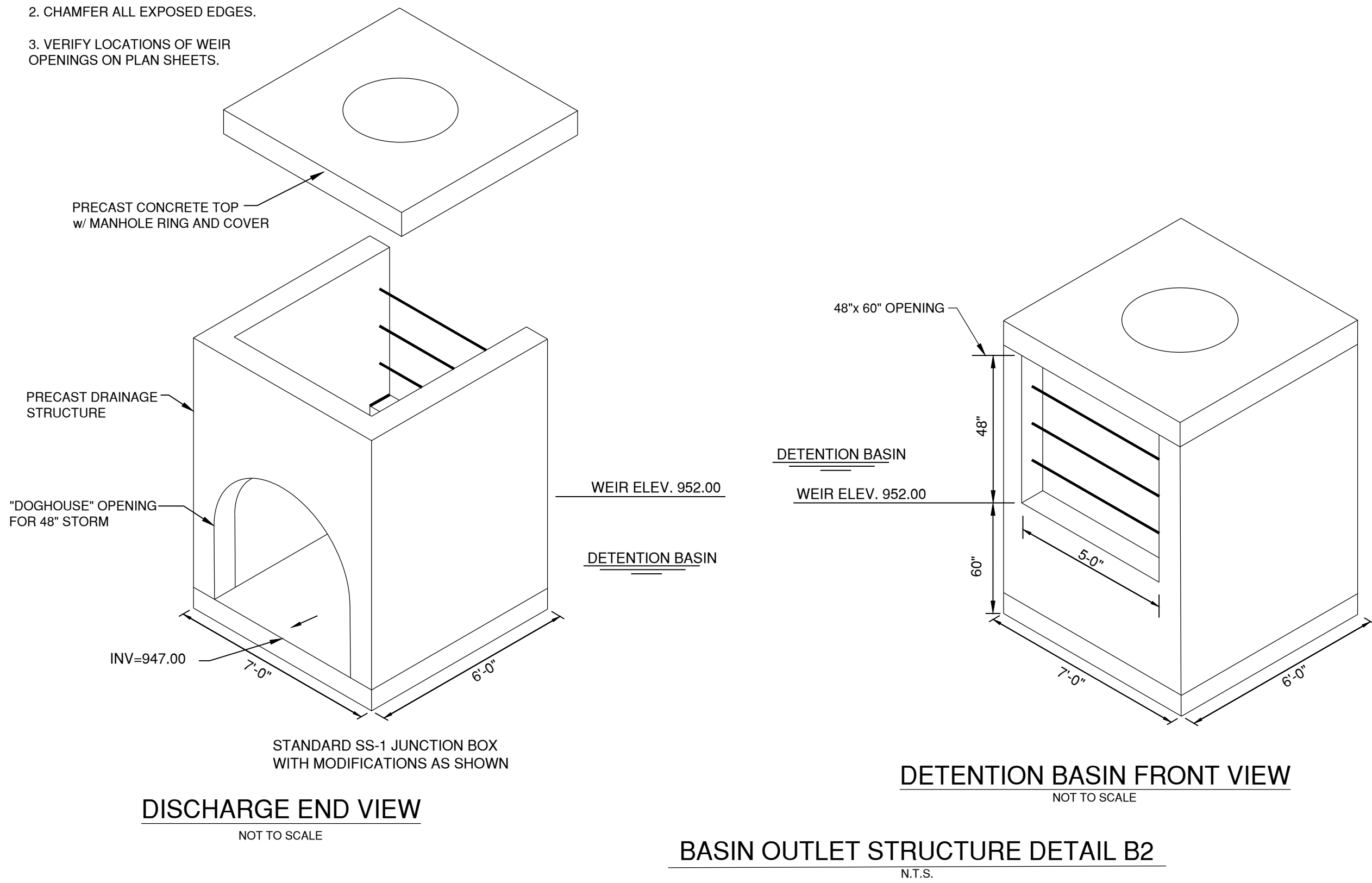
UTILITY DISCLAIMER

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.

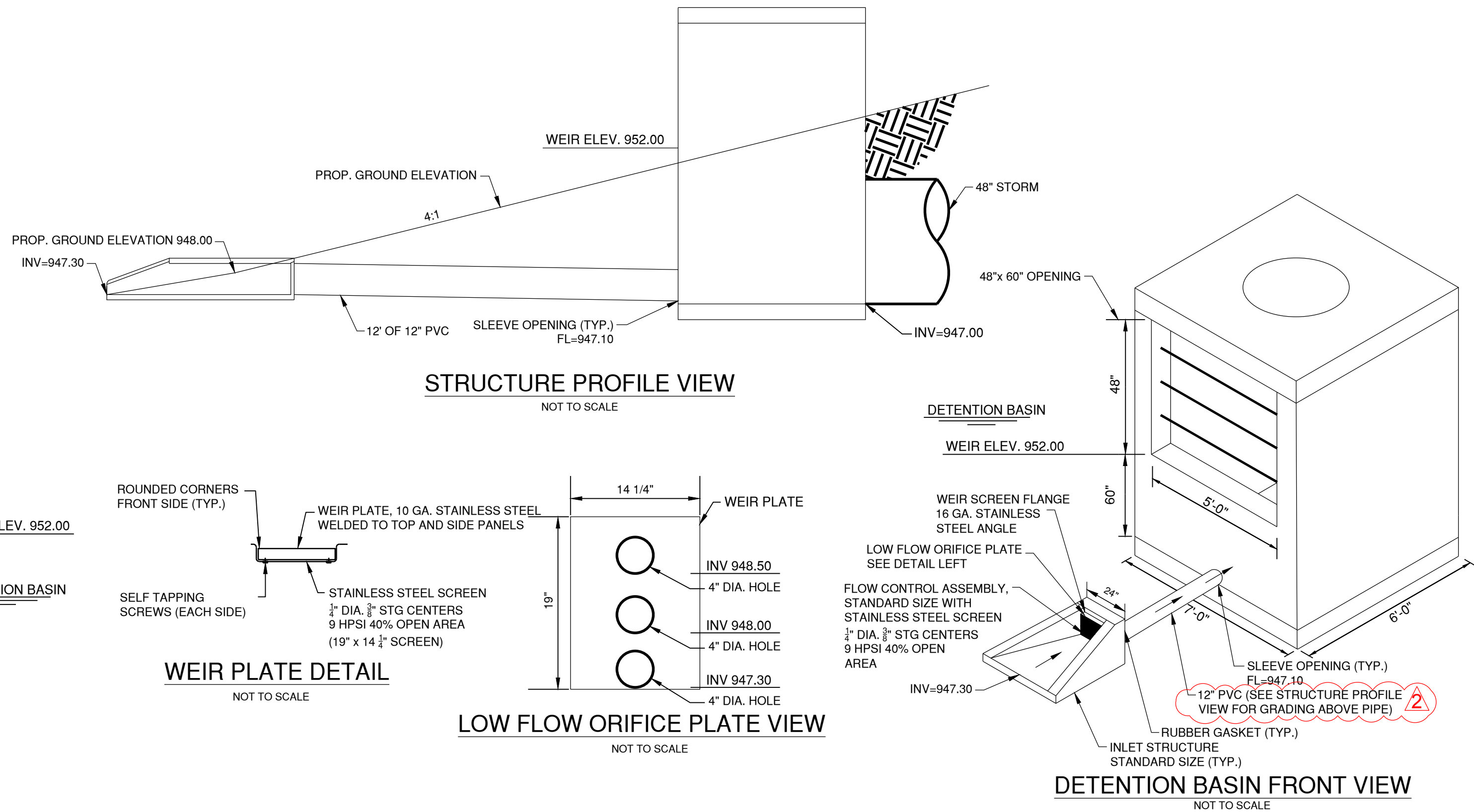
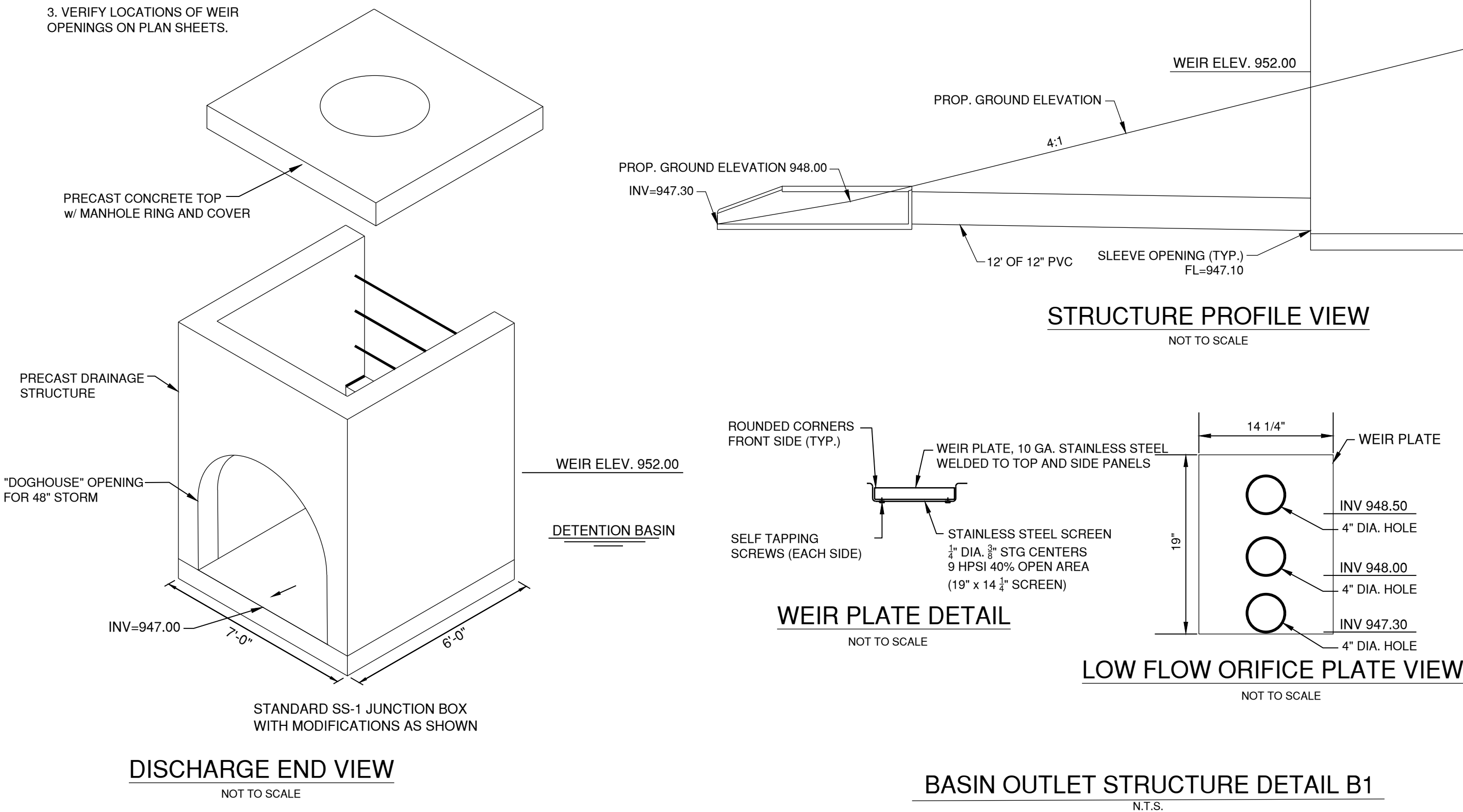
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Development Services Department
Lee's Summit, Missouri
05140504

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Date: Wednesday, January 3, 2024 11:23:00

- NOTES:
1. ANCHOR LID TO BOX, DRILL, DOWEL & GROUT OR APPROVED EQUAL.
 2. CHAMFER ALL EXPOSED EDGES.
 3. VERIFY LOCATIONS OF WEIR OPENINGS ON PLAN SHEETS.



- NOTES:
1. ANCHOR LID TO BOX, DRILL, DOWEL & GROUT OR APPROVED EQUAL.
 2. CHAMFER ALL EXPOSED EDGES.
 3. VERIFY LOCATIONS OF WEIR OPENINGS ON PLAN SHEETS.



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



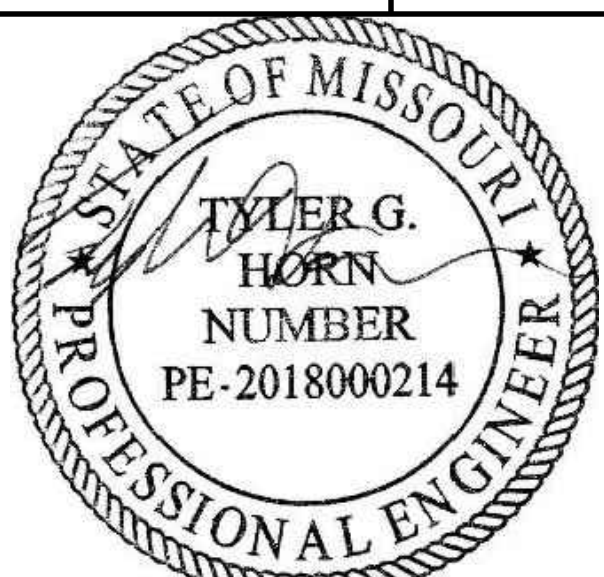
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



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

MARK DATE DESCRIPTION

PROJECT NO.: 47732472
CAD DWG FILE: BASIN DETAIL
DESIGNED BY: WLC
DRAWN BY: WLC
CHECKED BY: JRC
APPROVED BY: TGH
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SHEET TITLE

BASIN DETAIL

C108

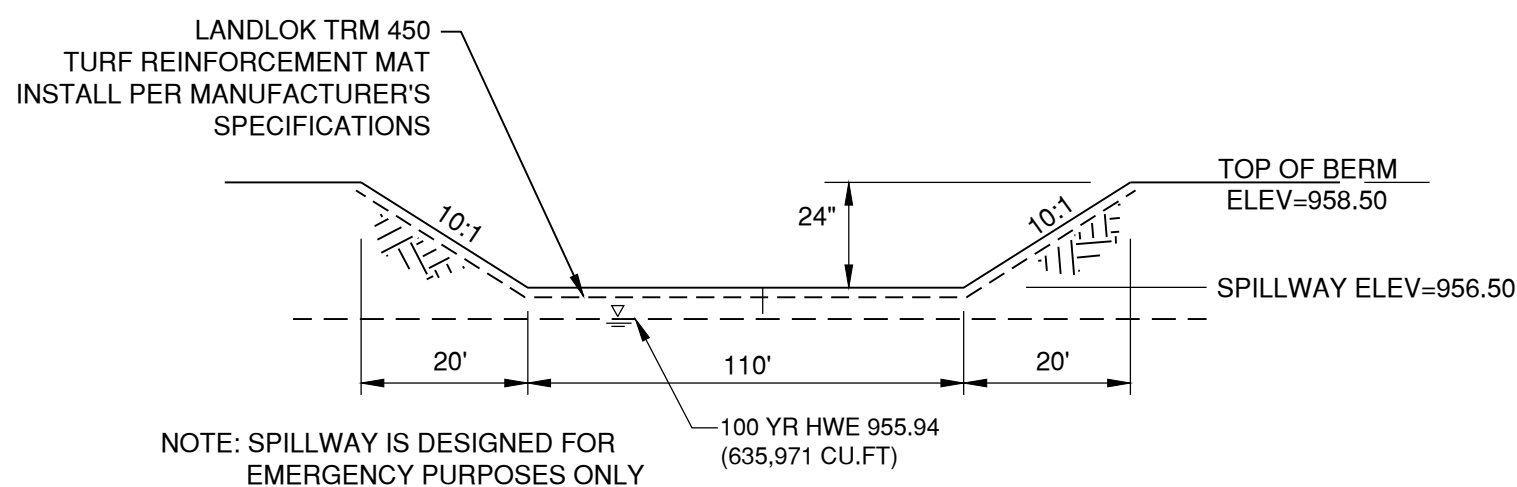
SHEET 018 OF 131

DETENTION BASIN STAGE-STORAGE-DISCHARGE

STAGE (FT)	ELEVATION (FT)	TOTAL STORAGE (CU.FT.)	DISCHARGE (CFS)
0.0	947.3	0	0.00
1.7	948.0	944	0.31
2.7	949.0	16,166	1.14
3.7	950.0	63,243	1.71
4.7	951.0	138,779	2.12
5.7	952.0	227,466	2.46
6.7	953.0	322,827	32.56
7.7	954.0	423,804	87.29
8.7	955.0	530,496	158.13
9.7	956.0	643,543	241.96

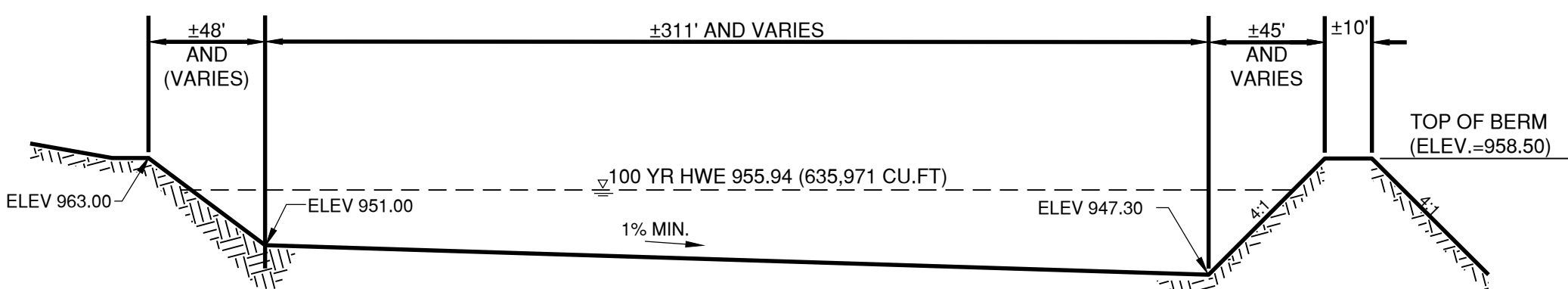
DETENTION BASIN VOLUME

STAGE (FT)	ELEVATION (FT)	CONTOUR AREA (SQ.FT.)	TOTAL STORAGE (CU.FT.)
0.0	947.3	0	0
1.7	948.0	4,260	944
2.7	949.0	29,960	16,166
3.7	950.0	66,600	63,243
4.7	951.0	84,840	138,779
5.7	952.0	92,590	227,466
6.7	953.0	98,160	322,827
7.7	954.0	103,620	423,804
8.7	955.0	109,590	530,496
9.7	956.0	117,612	643,543



EMERGENCY SPILLWAY SECTION

N.T.S.



BASIN SECTION A-A

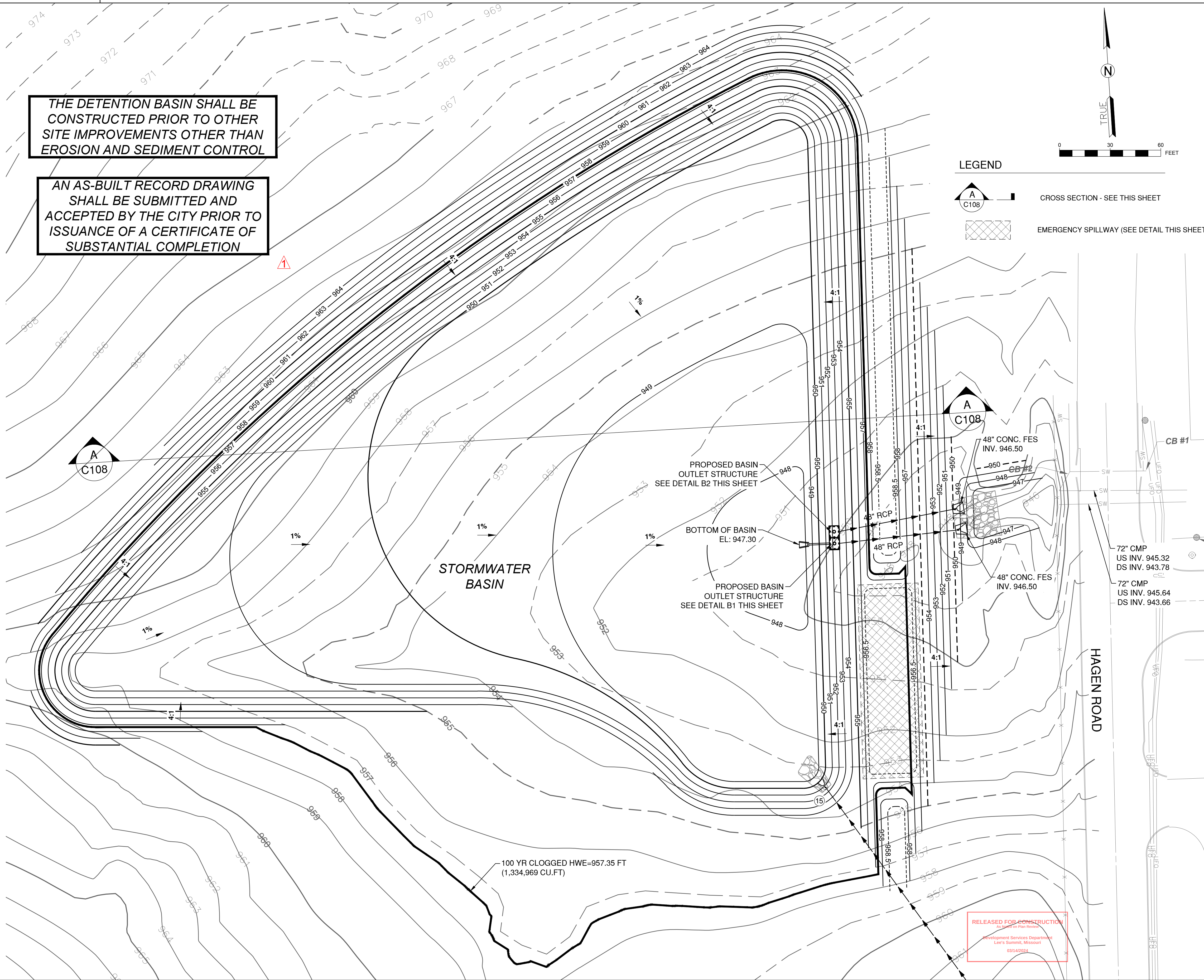
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GRADING PLAN GENERAL NOTES:

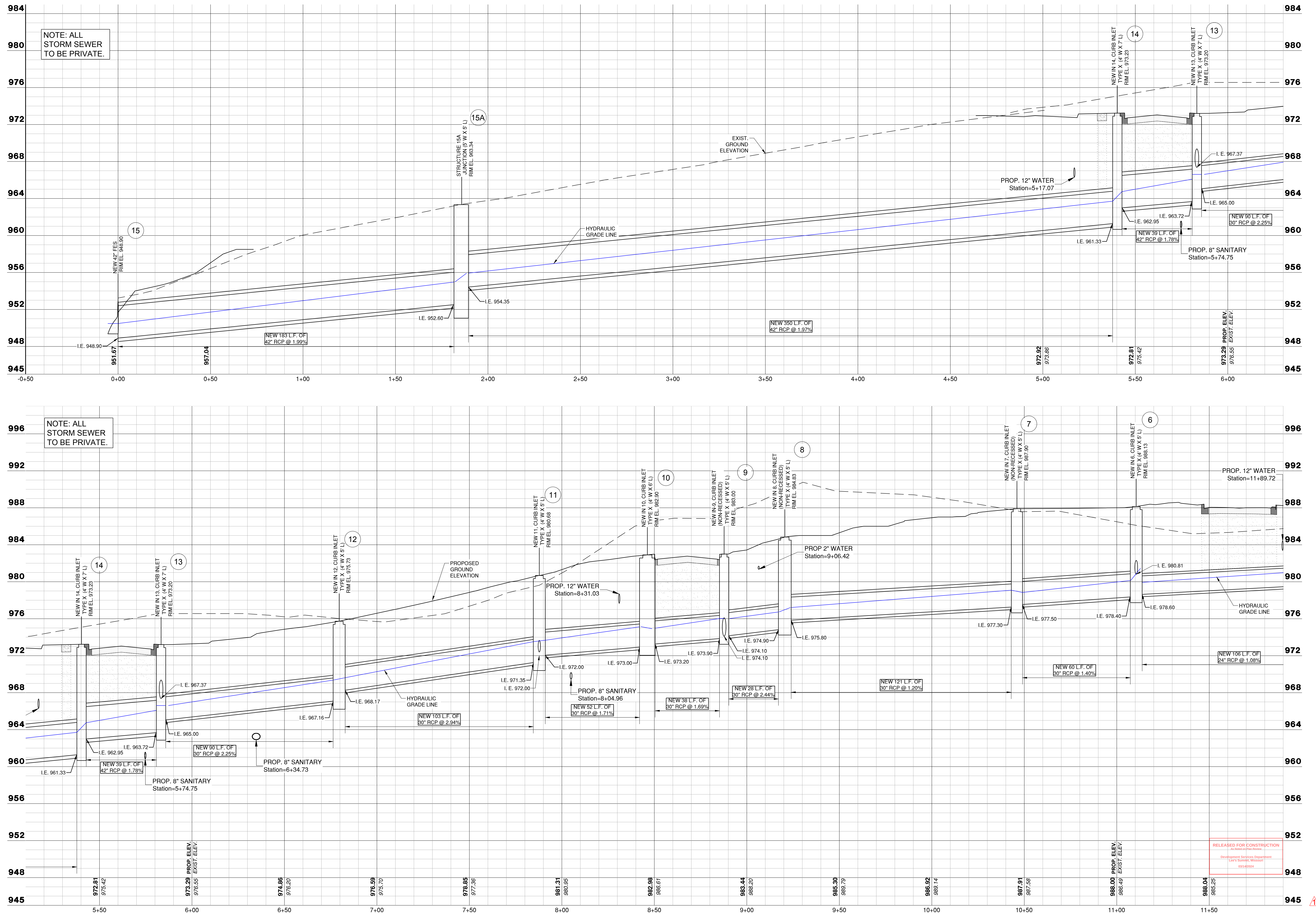
1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED UPON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS OR CONTACT THE RESPECTIVE UTILITY OWNER TO REQUEST SUCH RELOCATION.
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3. CONTRACTOR SHALL STRIP TOPSOIL AND STOCKPILE ON-SITE OR AT A NEARBY LOCATION AS DIRECTED BY THE OWNER FOR USE AS FINAL GRADING AT THE END OF THE PROJECT. ALL EXCESS TOPSOIL AND STRUCTURAL FILL SHALL BE COMPLETELY REMOVED FROM THE OWNERS PROPERTY AND PROPERLY DISPOSED OF.
4. ALL EXISTING AND PROPOSED GRADE CONTOURS SHOWN AT 1 FOOT INTERVALS.
5. THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
6. SLOPES SHALL BE A MAXIMUM OF 4:1 OR FLATTER UNLESS OTHERWISE INDICATED ON THE PLANS.

THE DETENTION BASIN SHALL BE
CONSTRUCTED PRIOR TO OTHER
SITE IMPROVEMENTS OTHER THAN
EROSION AND SEDIMENT CONTROL

AN AS-BUILT RECORD DRAWING
SHALL BE SUBMITTED AND
ACCEPTED BY THE CITY PRIOR TO
ISSUANCE OF A CERTIFICATE OF
SUBSTANTIAL COMPLETION



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Date: Wednesday, January 3, 2024 11:23:21



LEGEND

- NEW SIDEWALK
- NEW PAVEMENT
- NEW TRENCH BACKFILL
- NEW CURB AND GUTTER
- EXISTING GROUND ELEVATION
- PROPOSED GROUND ELEVATION
- 25 YEAR HYDRAULIC GRADE LINE



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

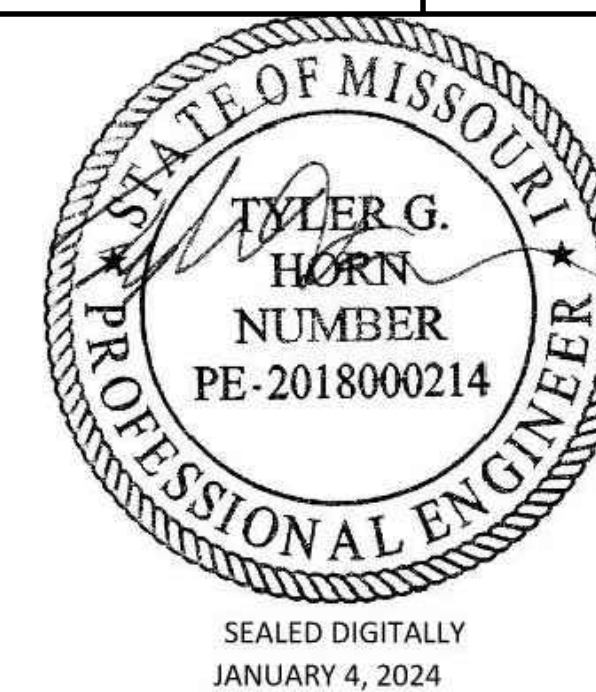


1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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



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

MARK	DATE	DESCRIPTION
PROJECT NO:	47732472	
CAD DWG FILE:	STORM PROFILE - SHEET 3	
DESIGNED BY:	WLC	
DRAWN BY:	WLC	
CHECKED BY:	JRC	
APPROVED BY:	TGH	
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SHEET TITLE

STORM PROFILE -
SHEET 1

C109

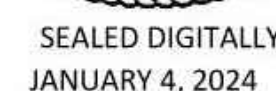
SHEET 019 OF 131



1627 MAIN STREET, #100
KANSAS CITY, MO 64108

1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 4773247



MARK	DATE	DESCRIPTION
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SHEET TITLE

C110

SHEET 020 OF 131



NEW SIDEWALK K

NEW PAVEMENT

NEW TRENCH BACKFILL

NEW CURB AND GUTTER

— — — — — EXISTING GROUND ELEVATION

PROPOSED GROUND ELEVATION

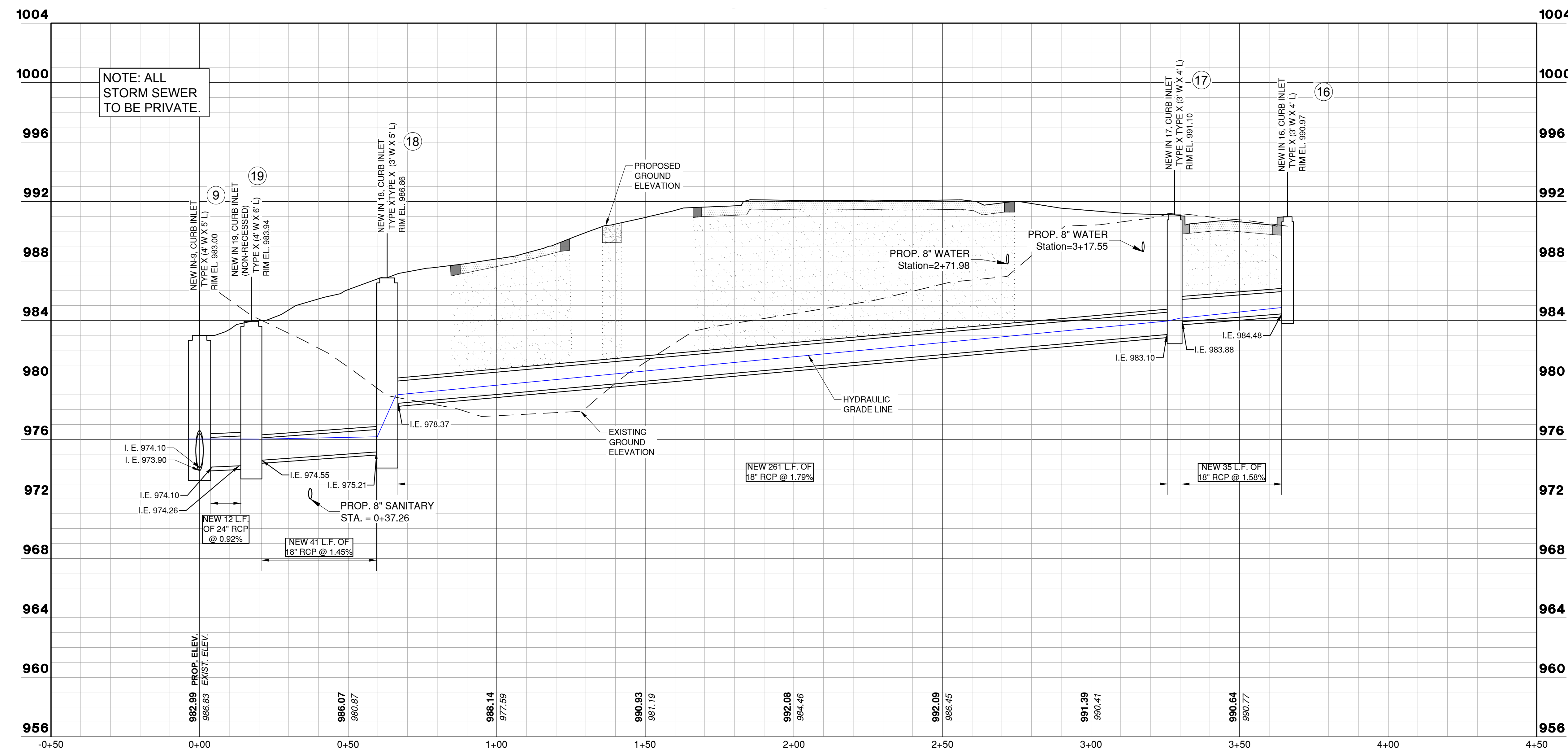
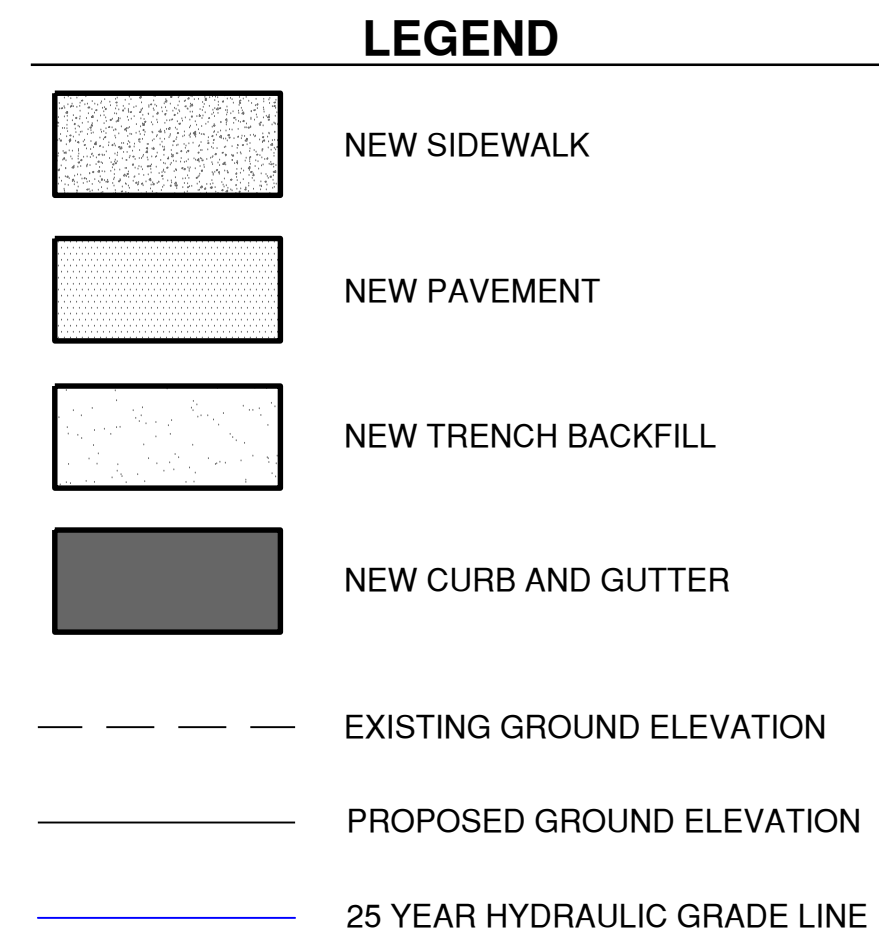
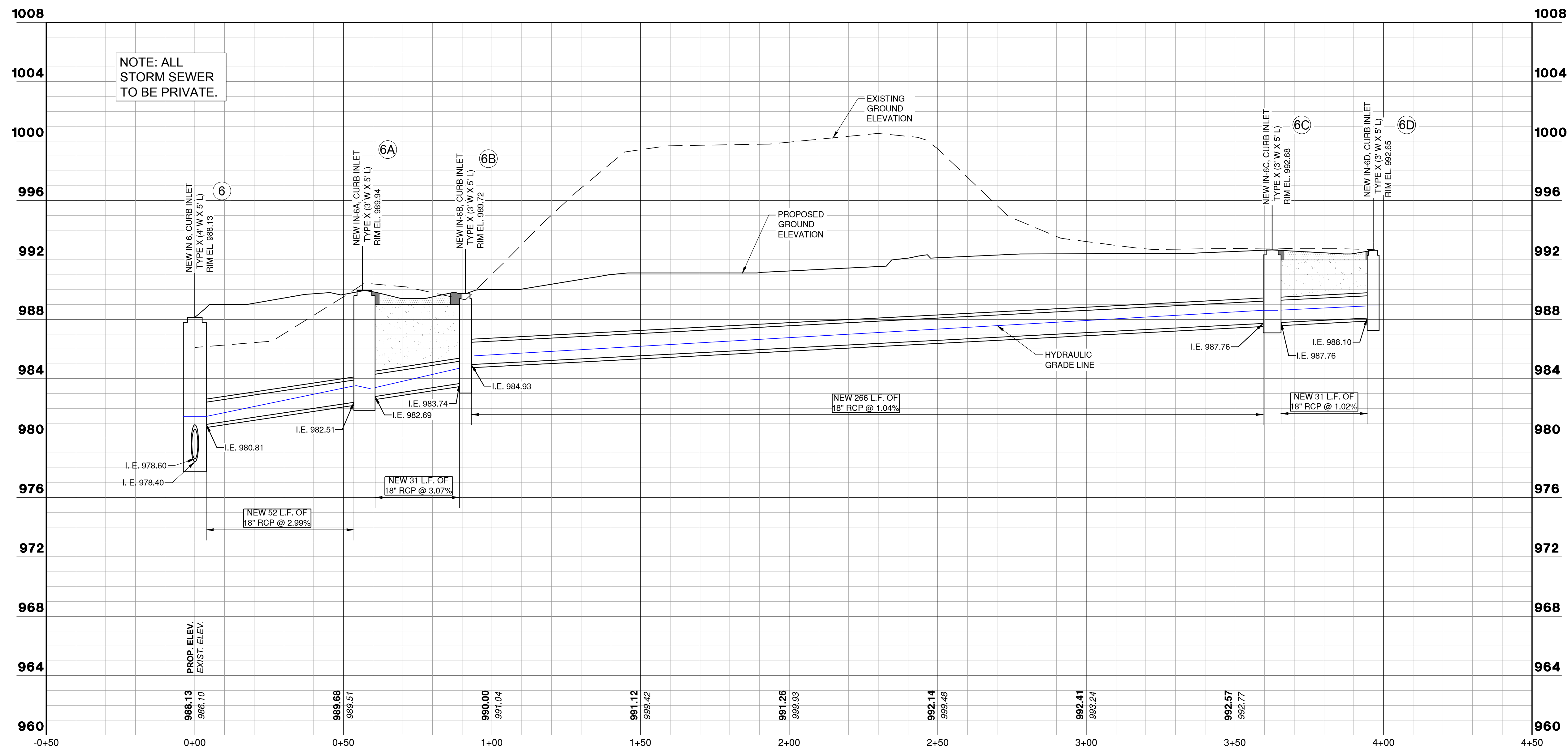
25 YEAR HYDRAULIC GRADE LINE

NOTE: ALL
STORM SEWER
TO BE PRIVATE

RELEASED FOR CONSTRUCTION

Development Services Department
Lee's Summit, Missouri
03/14/2024

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Date: Wednesday, January 3, 2024 11:23:27



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Development Services Department
Lee's Summit, Missouri
03142024



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

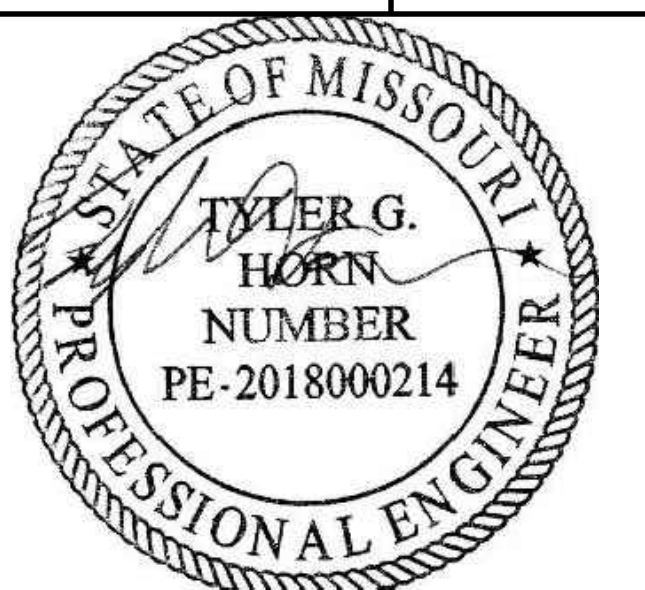


1627 MAIN STREET, #100
KANSAS CITY, MO 64108



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

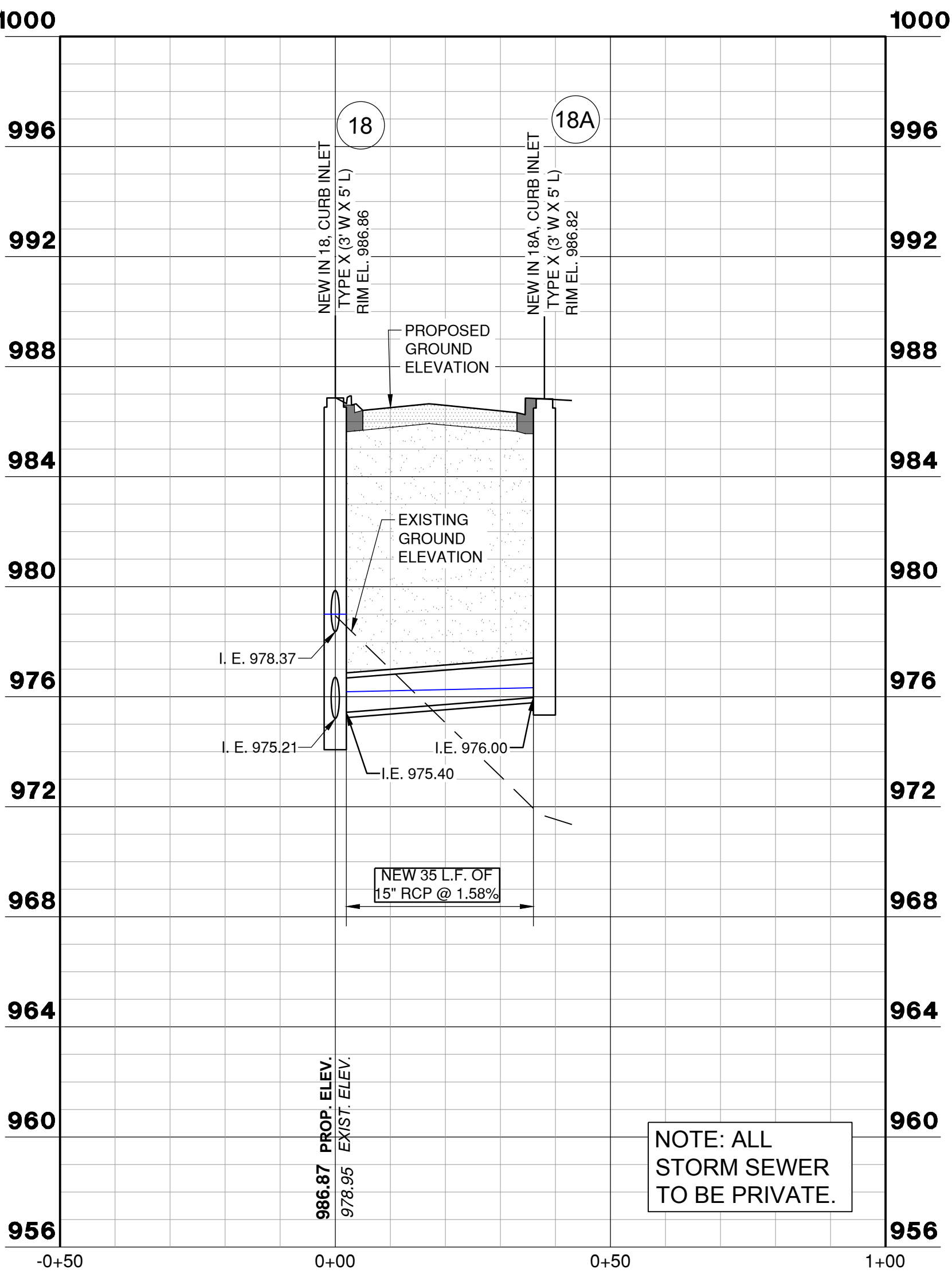
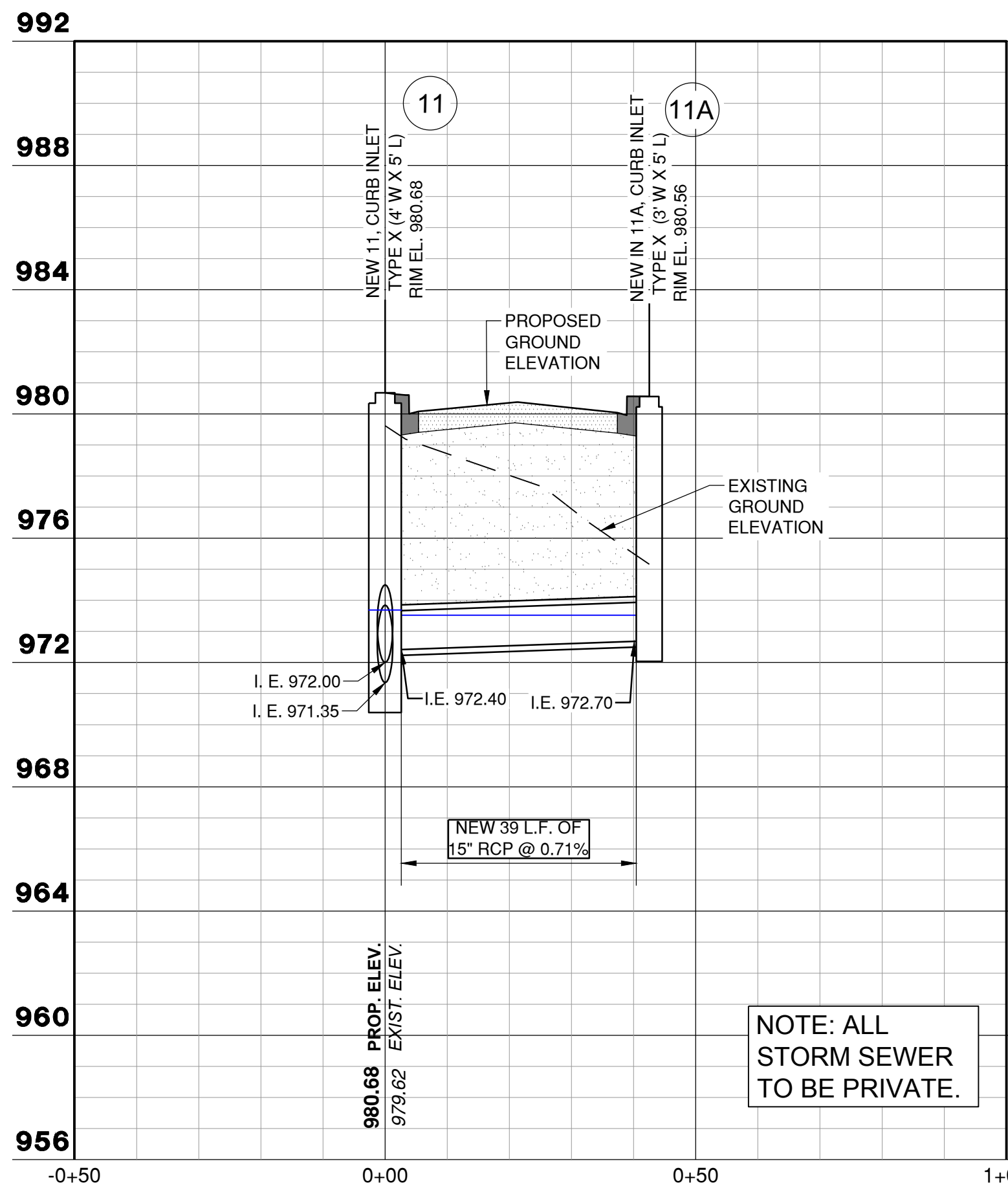
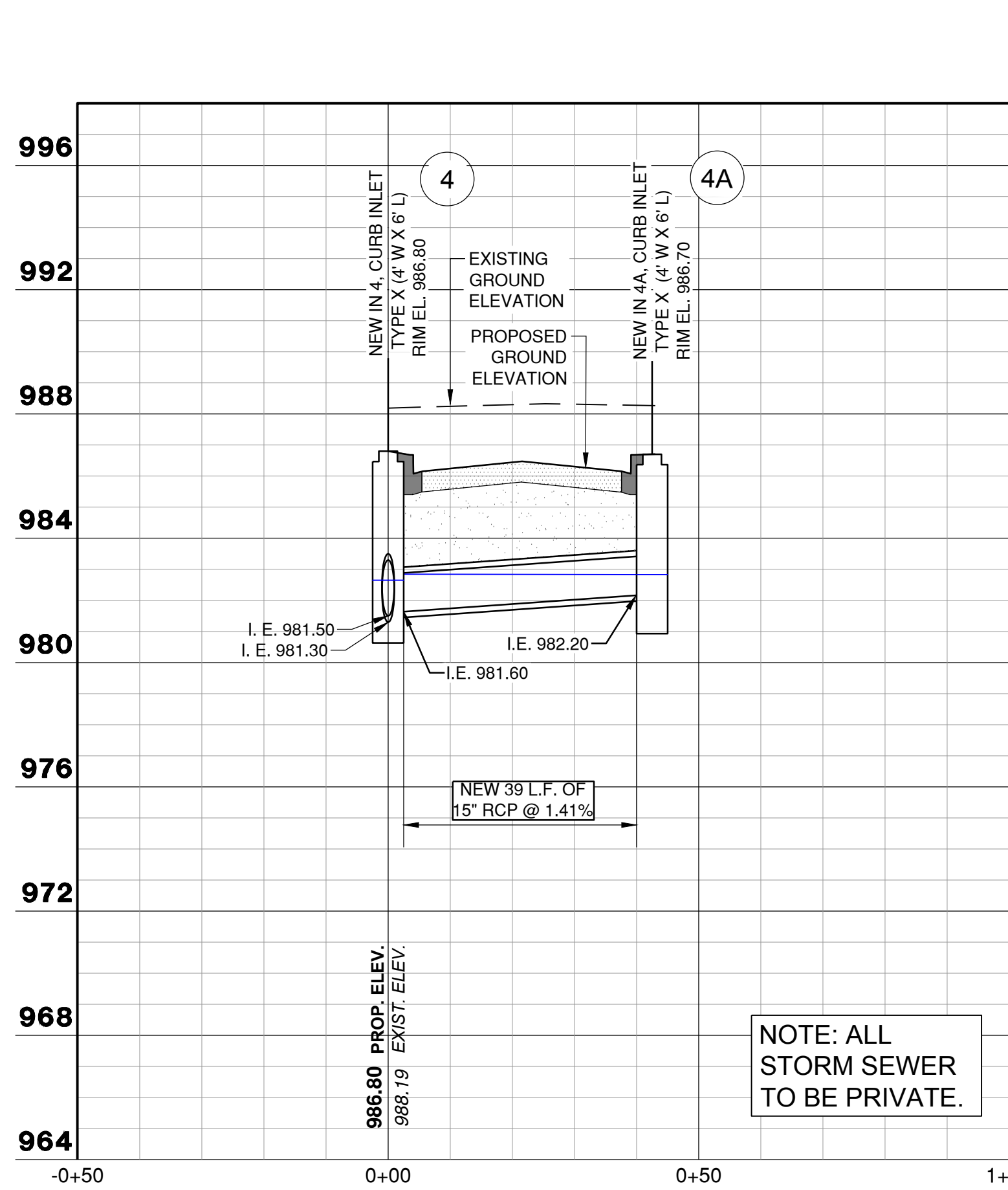
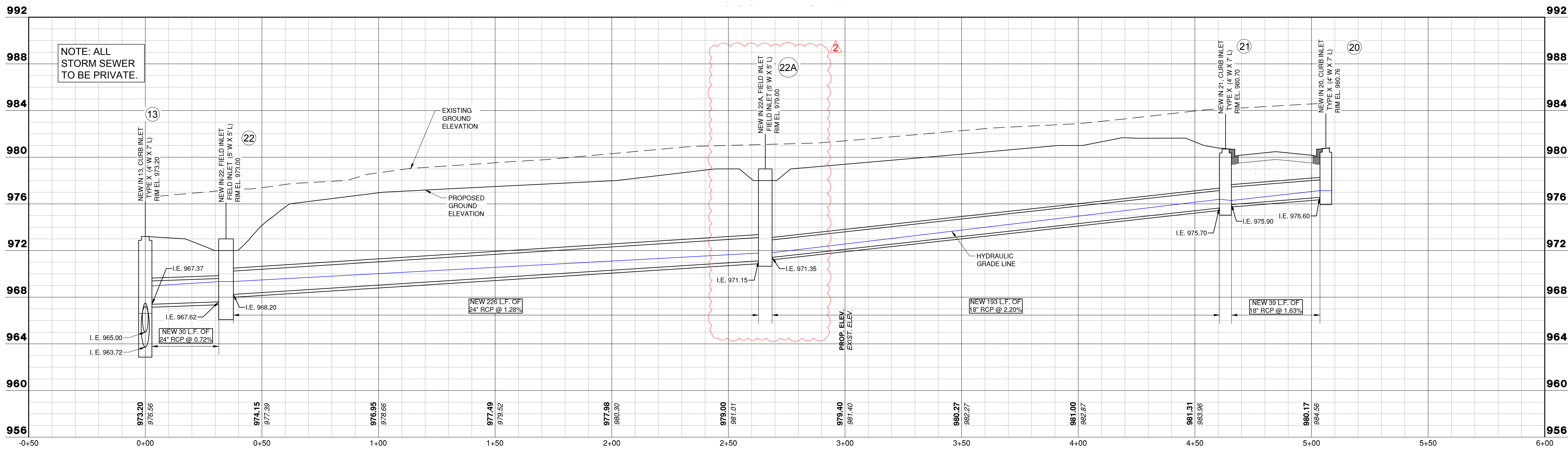
MARK	DATE	DESCRIPTION
PROJECT NO:	47732472	
CAD DWG FILE:	STORM PROFILE - SHEET 3	
DESIGNED BY:	WLC	
DRAWN BY:	WLC	
CHECKED BY:	JRC	
APPROVED BY:	TGH	
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SHEET TITLE

STORM PROFILE -
SHEET 3

C111

SHEET 021 OF 131



- LEGEND**
- NEW SIDEWALK
 - NEW PAVEMENT
 - NEW TRENCH BACKFILL
 - NEW CURB AND GUTTER
 - EXISTING GROUND ELEVATION
 - PROPOSED GROUND ELEVATION
 - 25 YEAR HYDRAULIC GRADE LINE



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



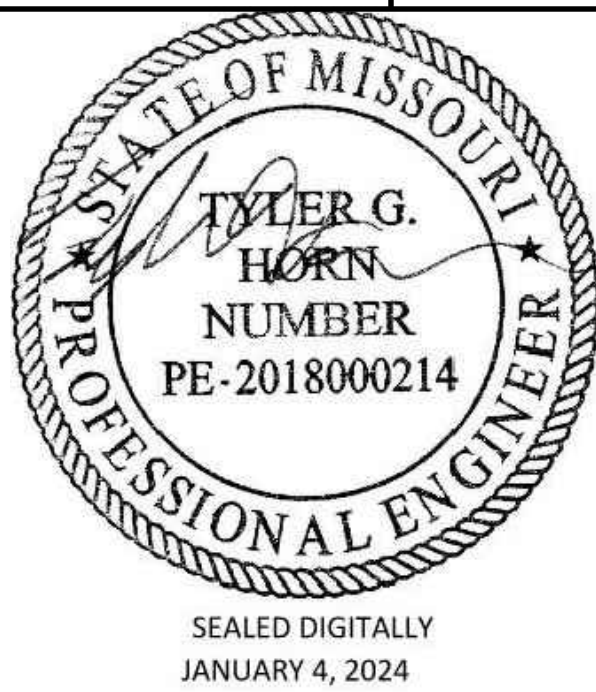
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: STORM PROFILE - SHEET 3
DESIGNED BY: WLC
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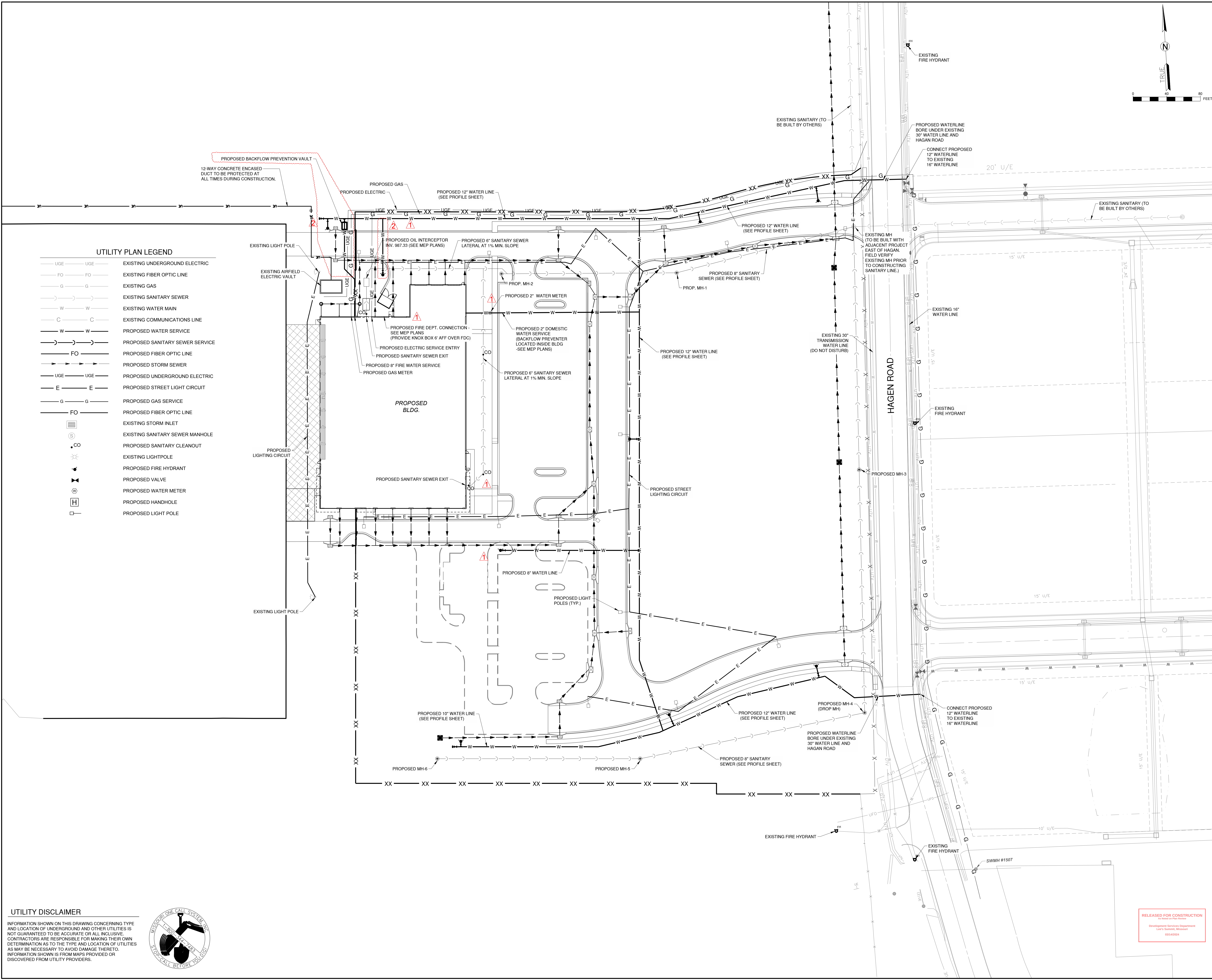
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STORM PROFILE -
SHEET 4

C112

SHEET 022 OF 131

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Lee's Summit, Missouri
03/04/2024



1627 MAIN STREET, SUITE 600
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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:	UTILITY PLAN	
DESIGNED BY:	WLC	
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UTILITY PLAN

C113
SHEET 023 OF 131

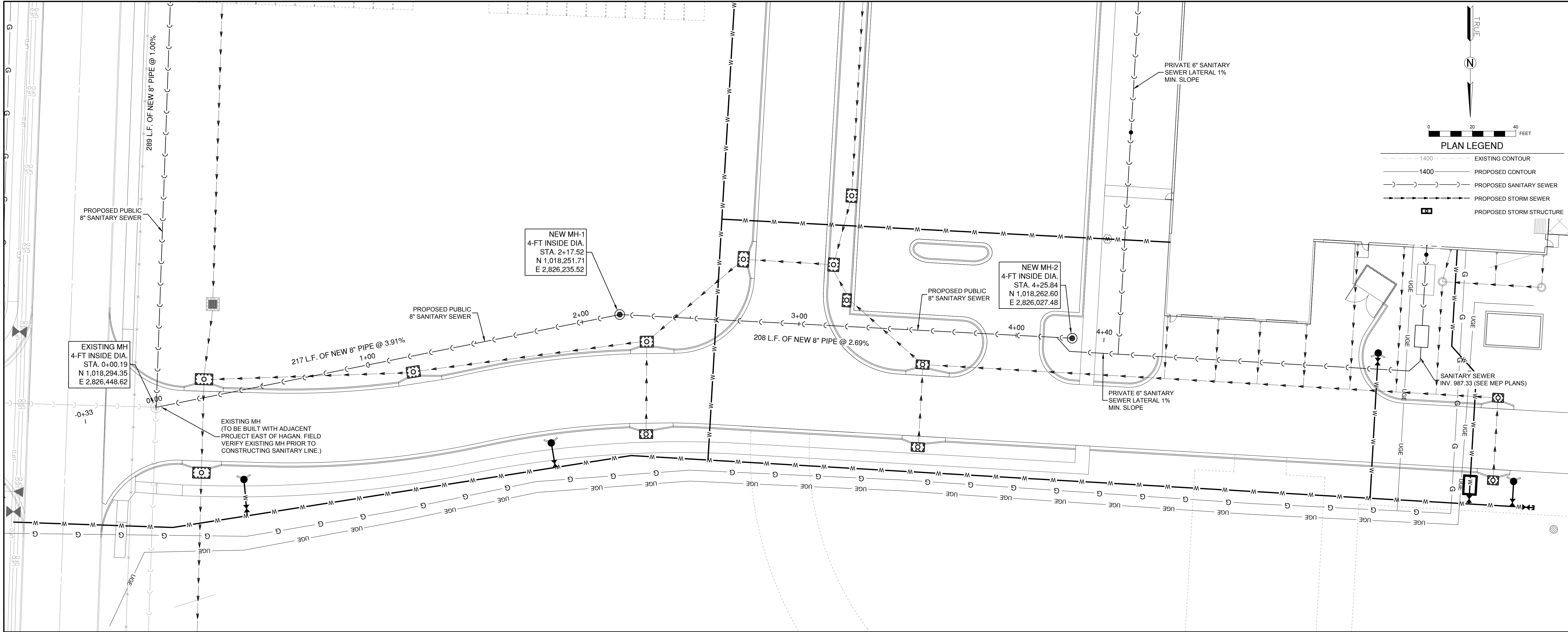
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UTILITY DISCLAIMER

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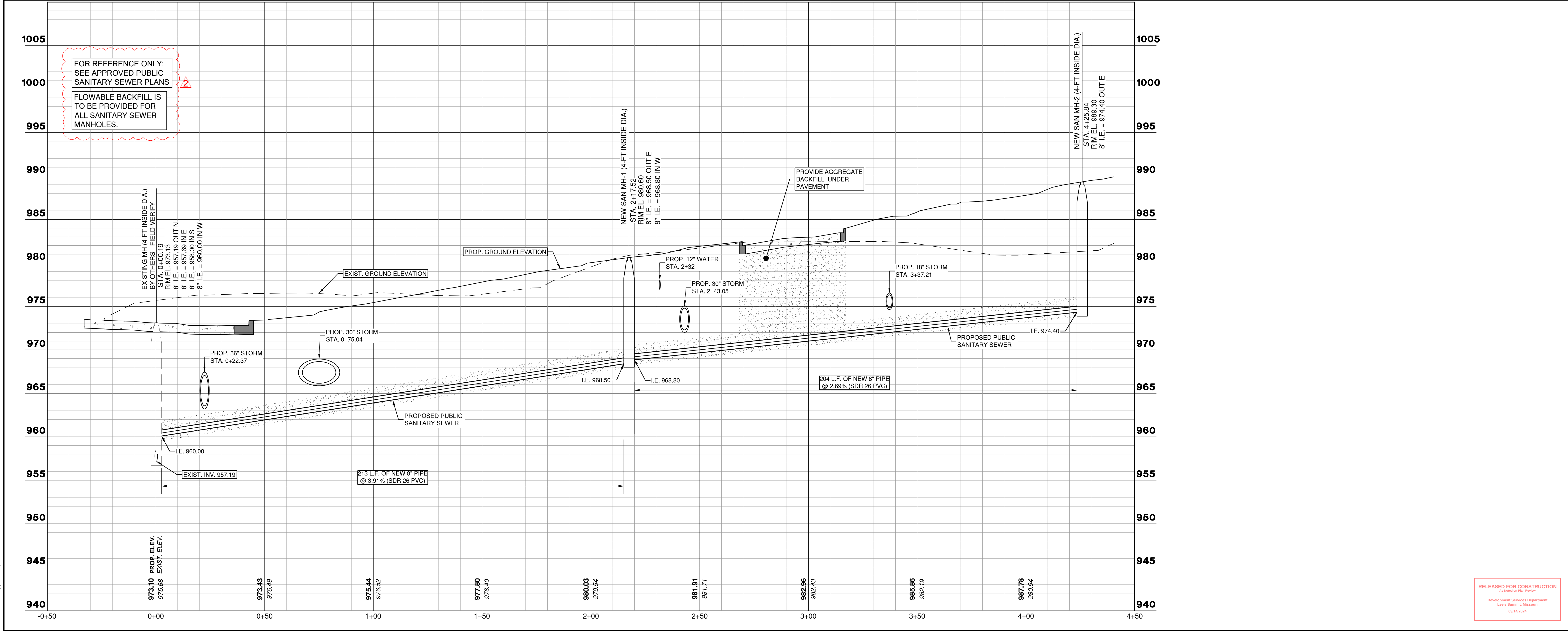
1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

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



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

MARK	DATE	DESCRIPTION
PROJECT NO.: 47732472		
CAD DWG FILE: SANITARY PLAN & PROFILE - SHEET 2		
DESIGNED BY: WLC		
DRAWN BY: WLC		
CHECKED BY: JRC		
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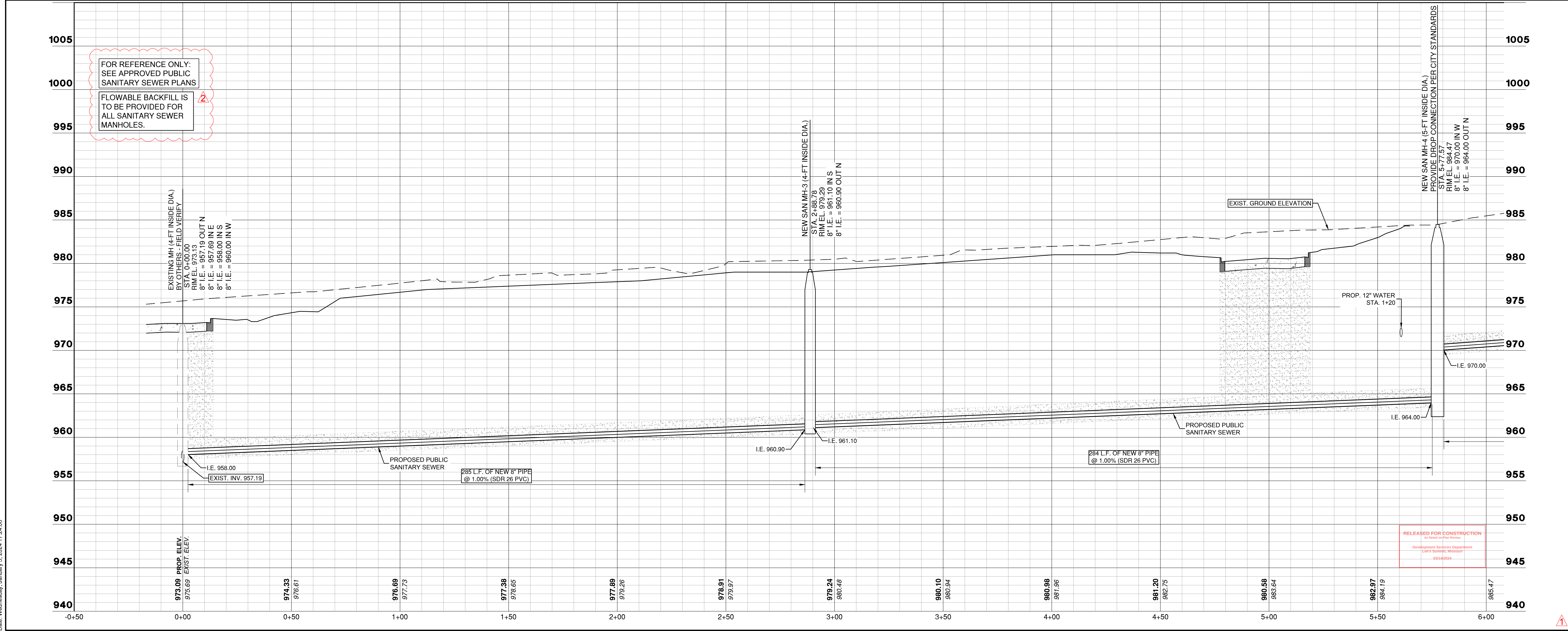
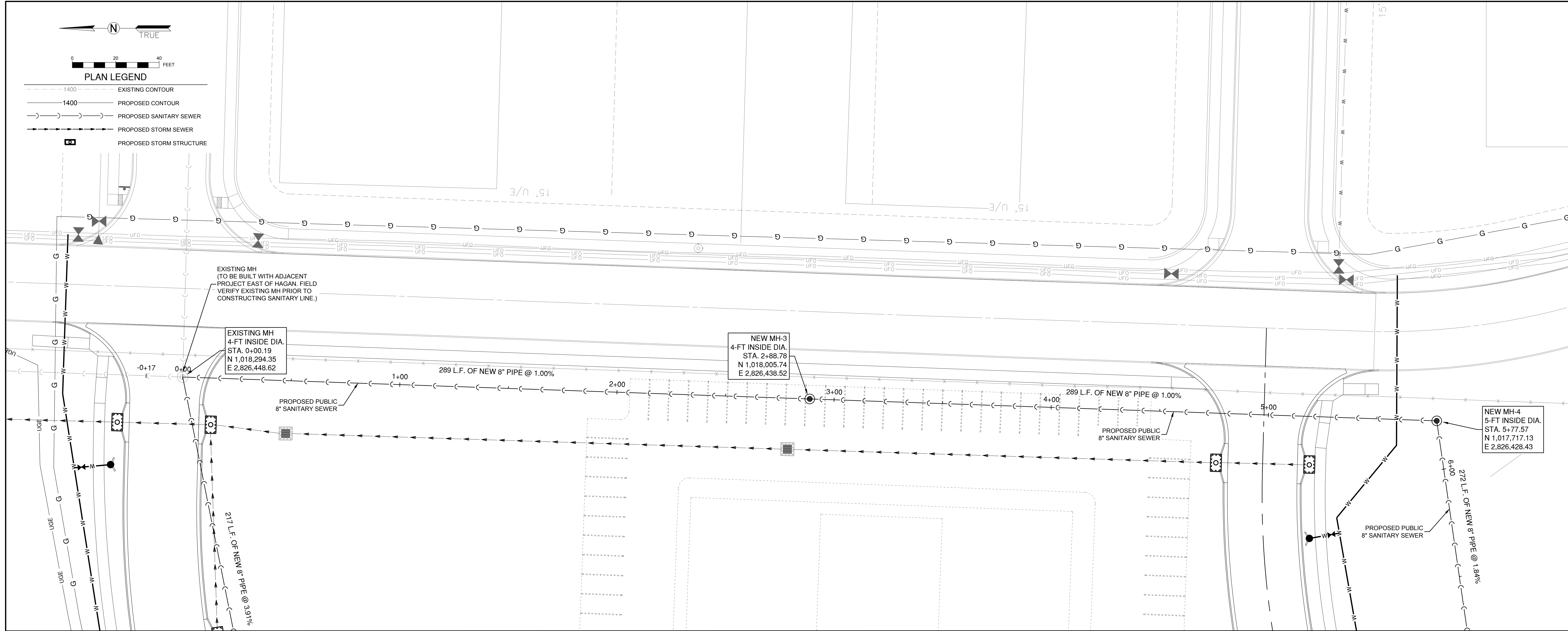
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SANITARY PLAN &
PROFILE - SHEET 1

C114

SHEET 024 OF 131

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Lee's Summit, Missouri
01/04/2024



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



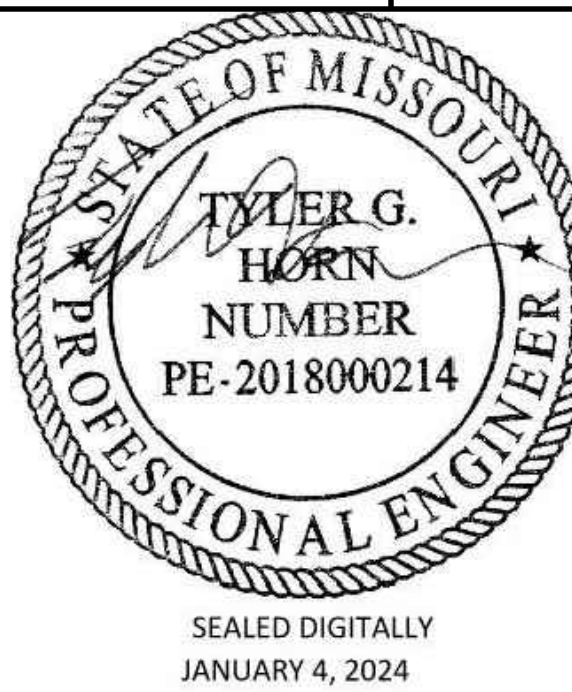
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK DATE DESCRIPTION

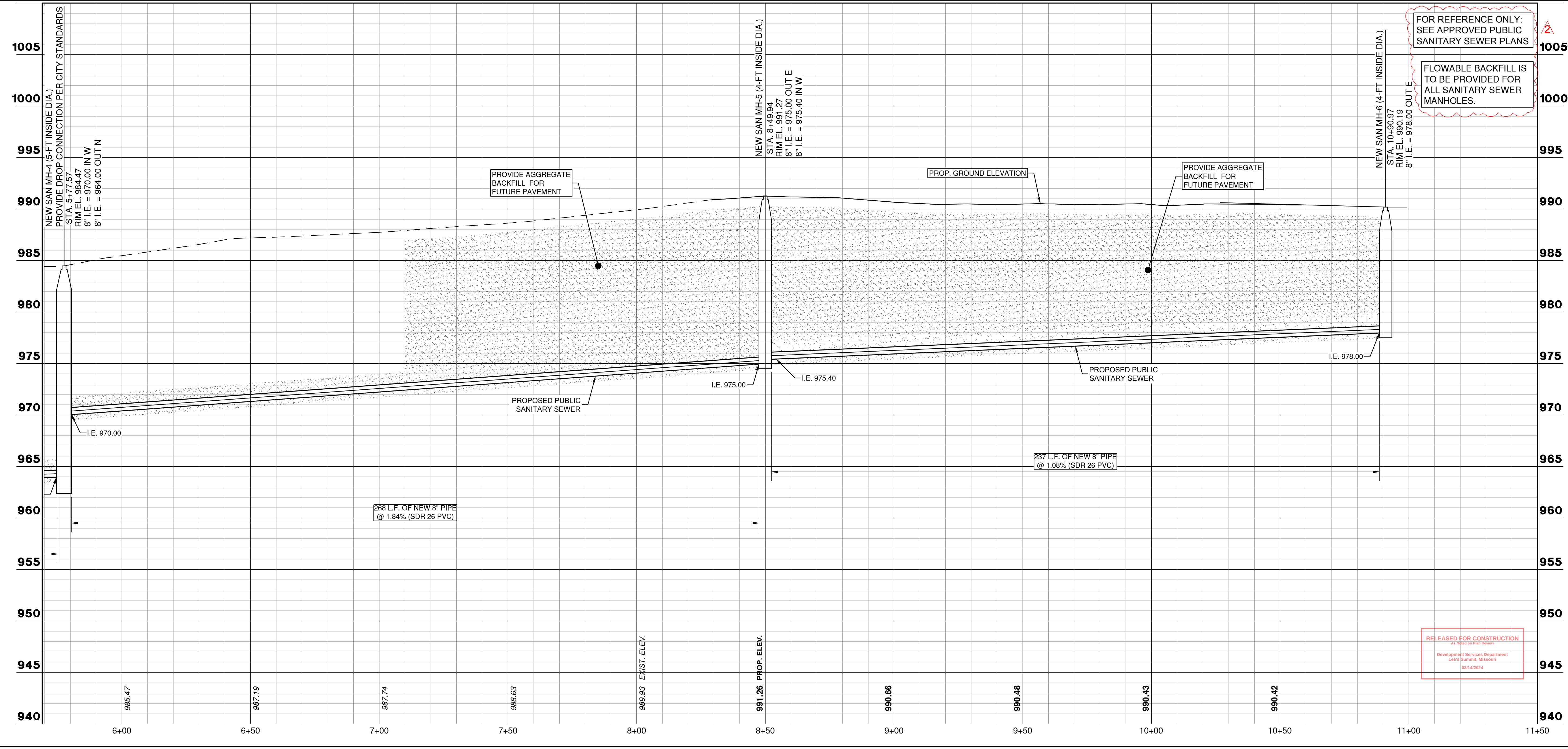
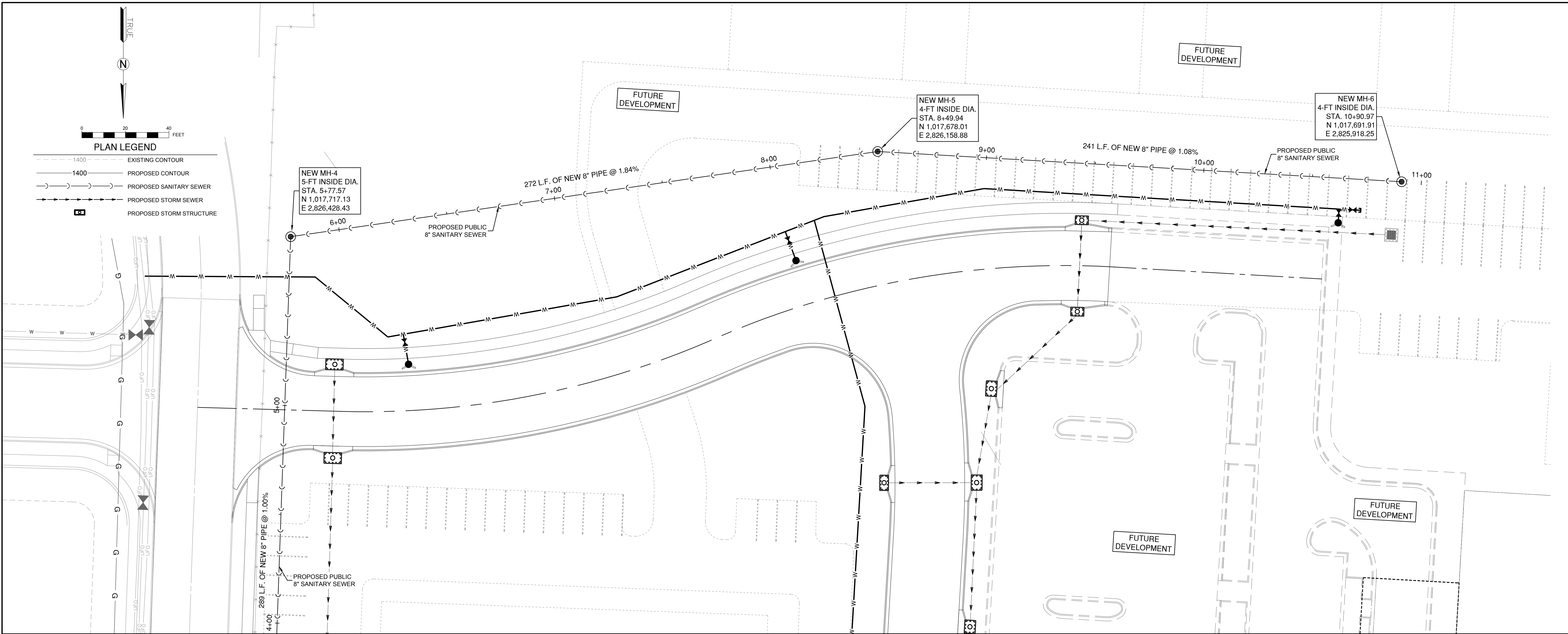
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DESIGNED BY: WLC
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SHEET TITLE

SANITARY PLAN &
PROFILE - SHEET 2

C114A

SHEET 025 OF 131



1627 MAIN STREET, SUITE 600
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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

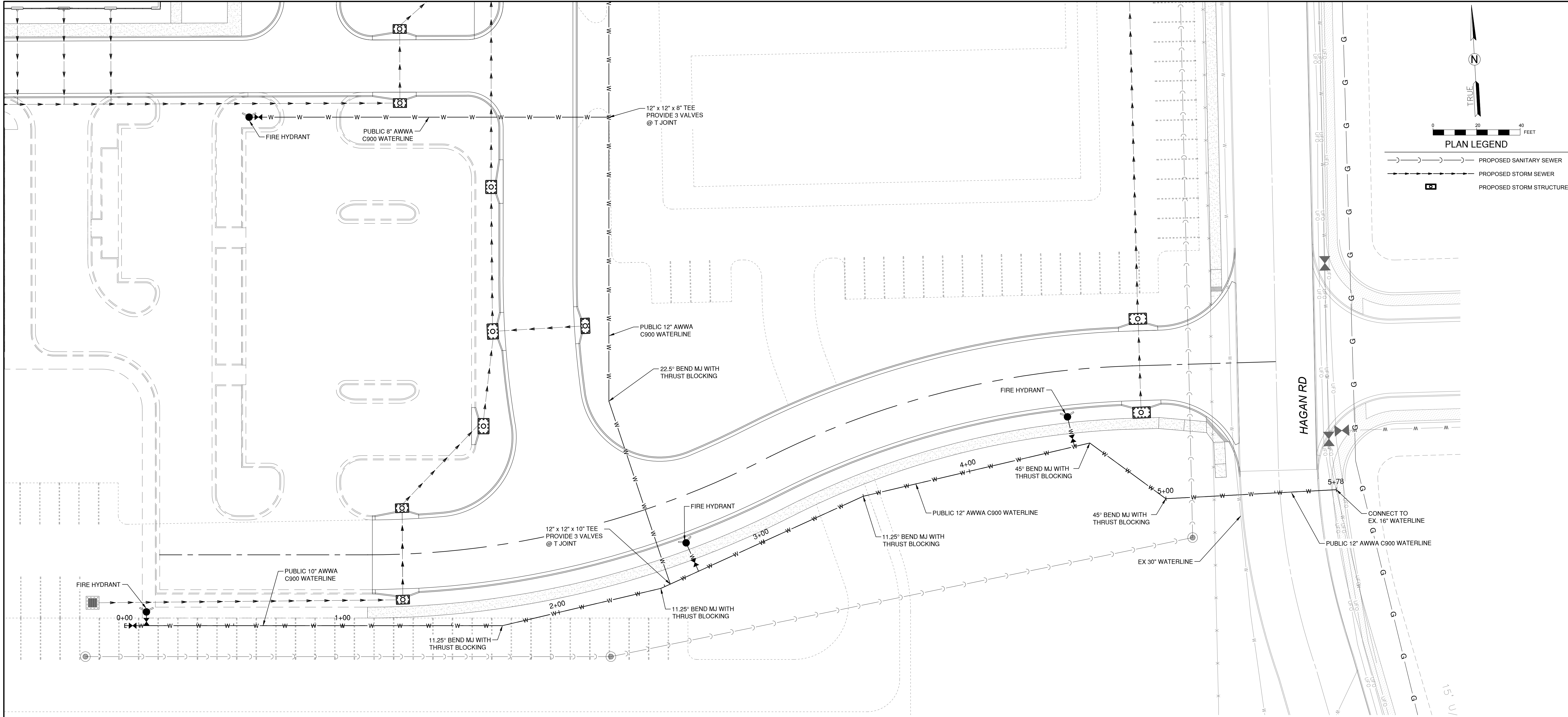
EASTSIDE DEVELOPMENT

CITY PROJECT NO. - 47732472

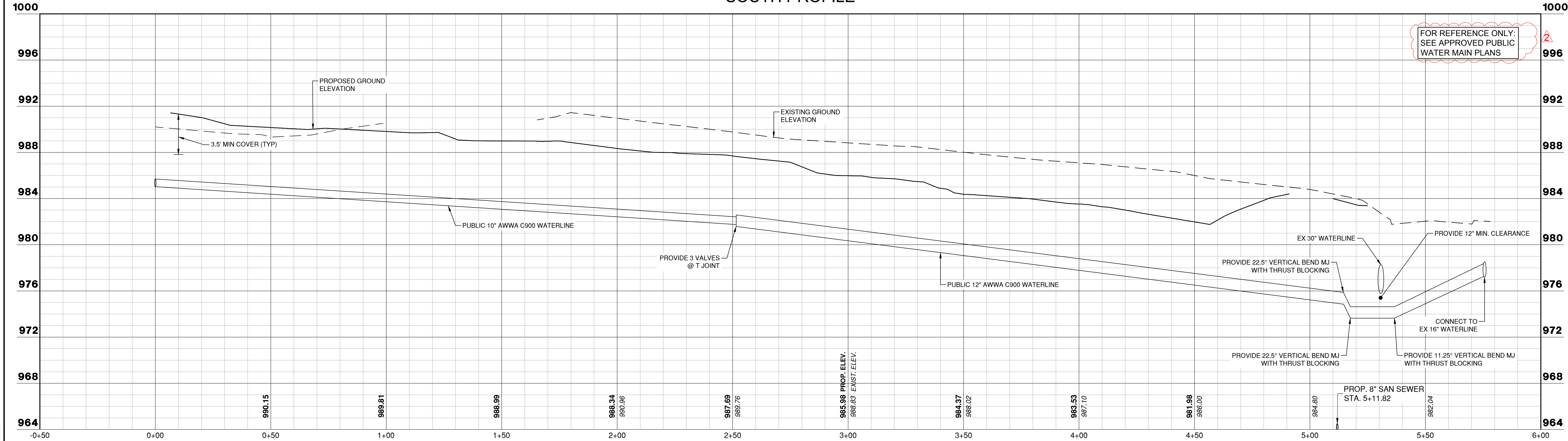
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JANUARY 4, 2024

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CAD DWG FILE: SANITARY PLAN & PROFILE - SHEET 2		
DESIGNED BY: WLC		
DRAWN BY: WLC		
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SANITARY PLAN & PROFILE - SHEET 3		
C115		
SHEET 026 OF 131		

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SOUTH PROFILE



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



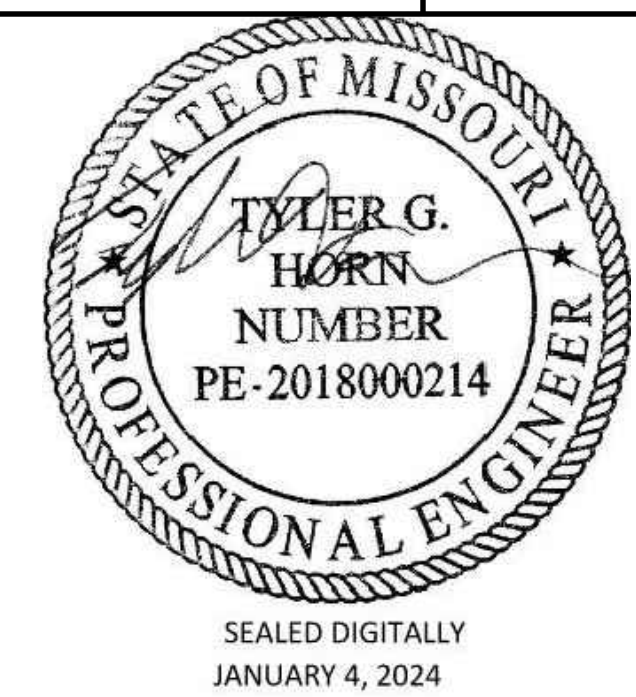
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: WATER LINE PLAN & PROFILE - SHEET 3
DESIGNED BY: WLC
DRAWN BY: WLC
CHECKED BY: JRC
APPROVED BY: TGH
COPYRIGHT

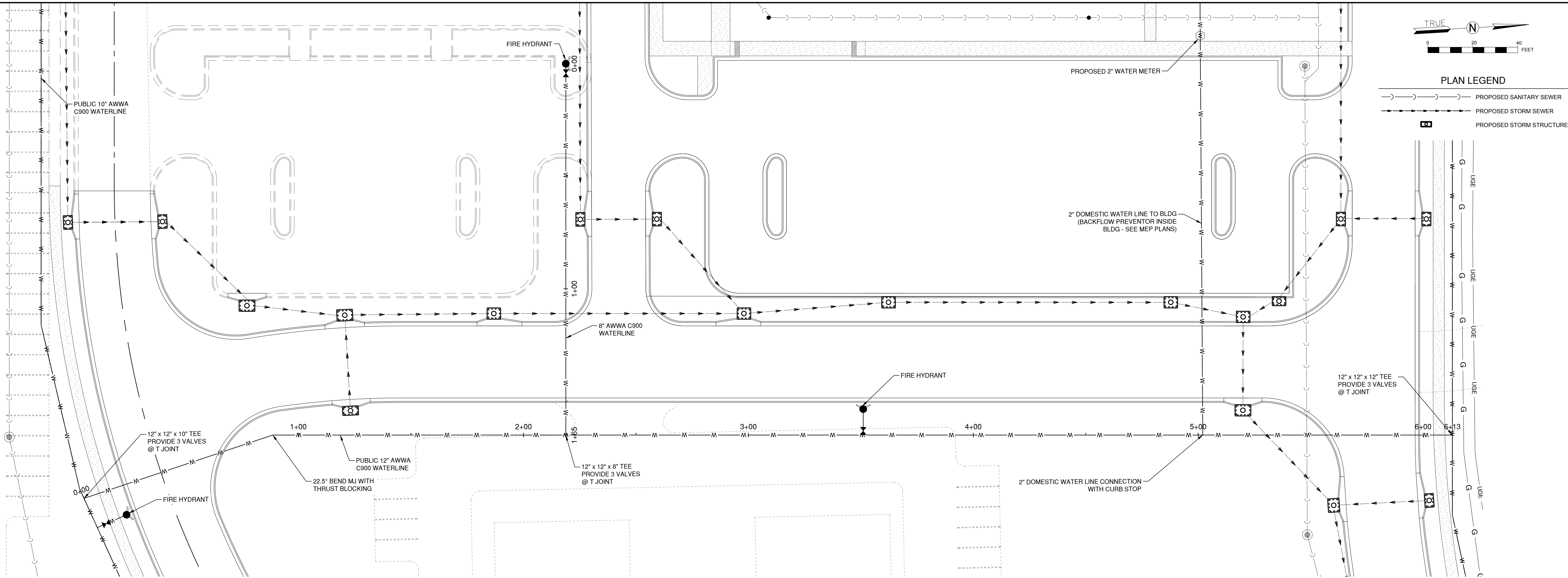
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WATER LINE PLAN &
PROFILE - SHEET 1

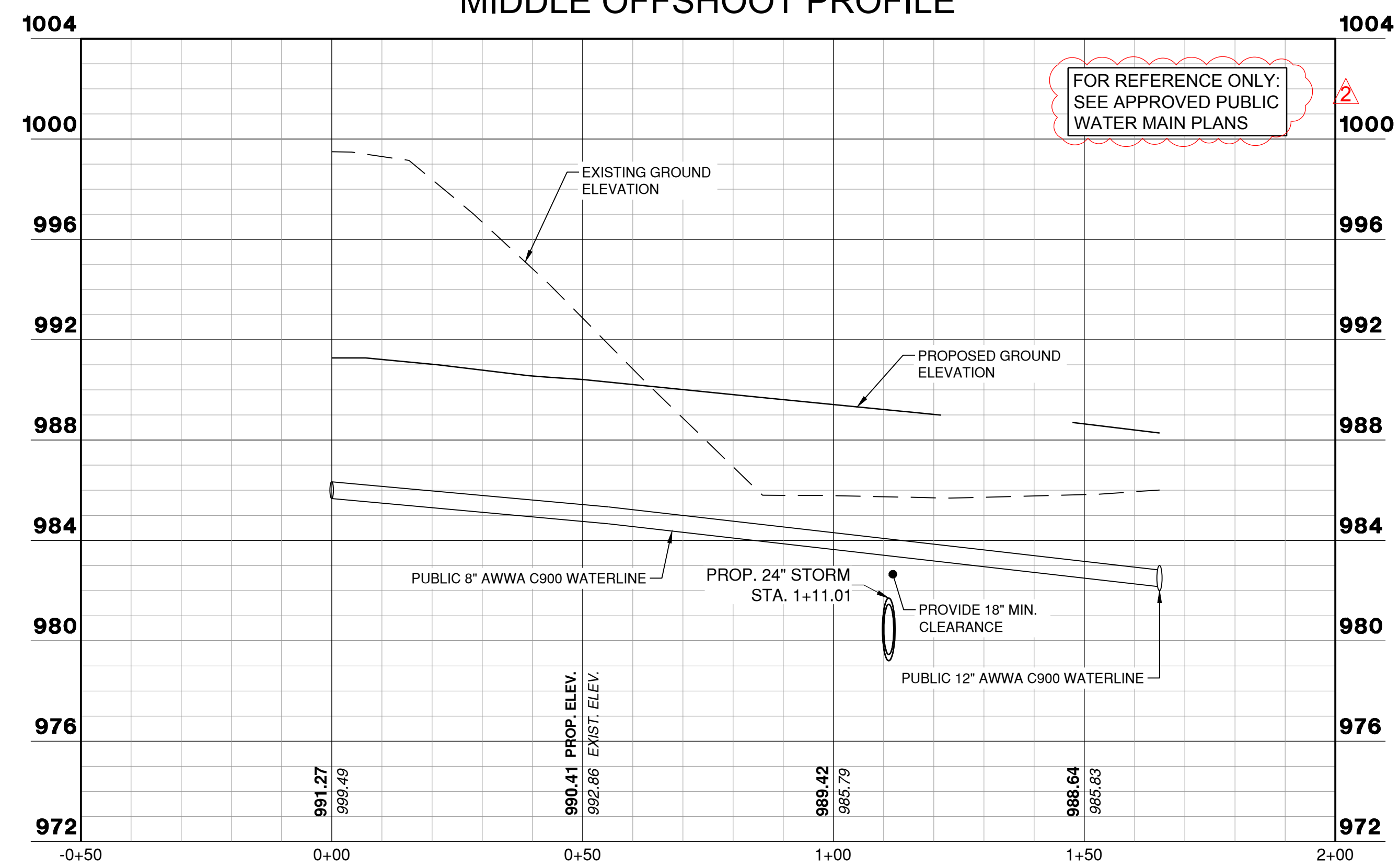
C116

SHEET 027 OF 131

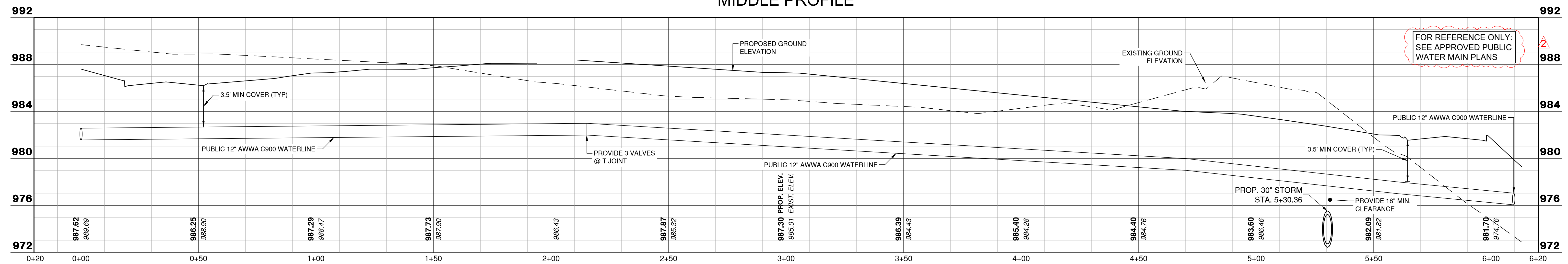
RELEASED FOR CONSTRUCTION
As Noted on Plan Review
Development Services Department
Lee's Summit, Missouri
05162024



MIDDLE OFFSHOOT PROFILE



MIDDLE PROFILE



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



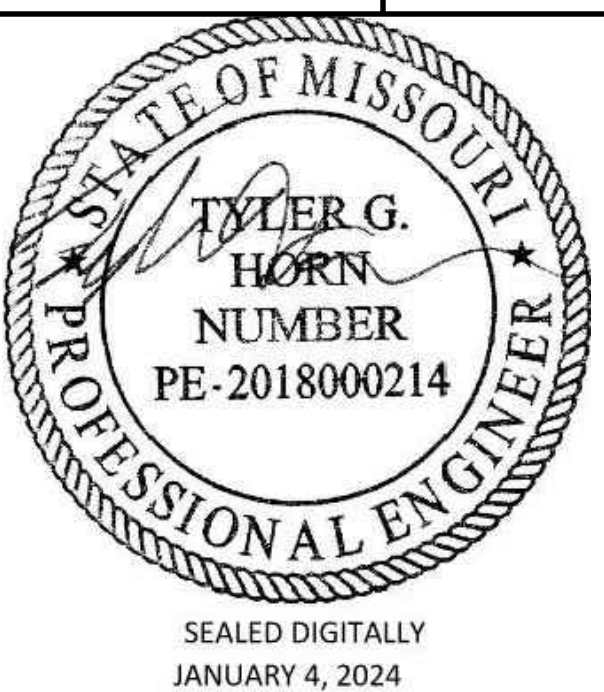
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: WATER LINE PLAN & PROFILE - SHEET 3
DESIGNED BY: WLC
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CHECKED BY: JRC
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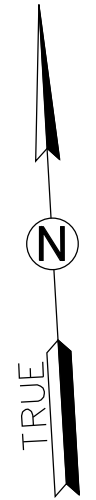
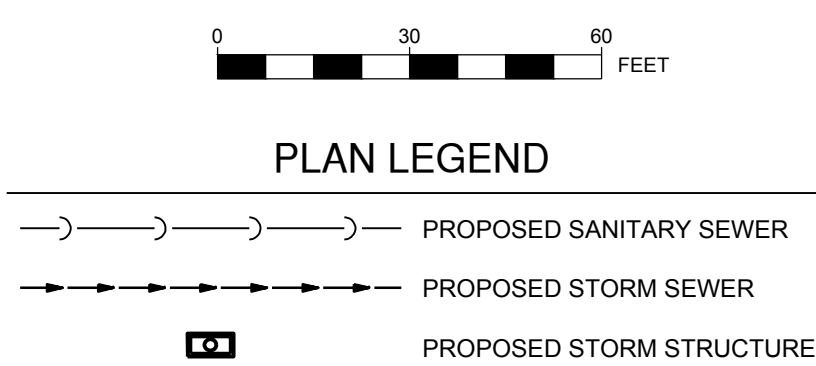
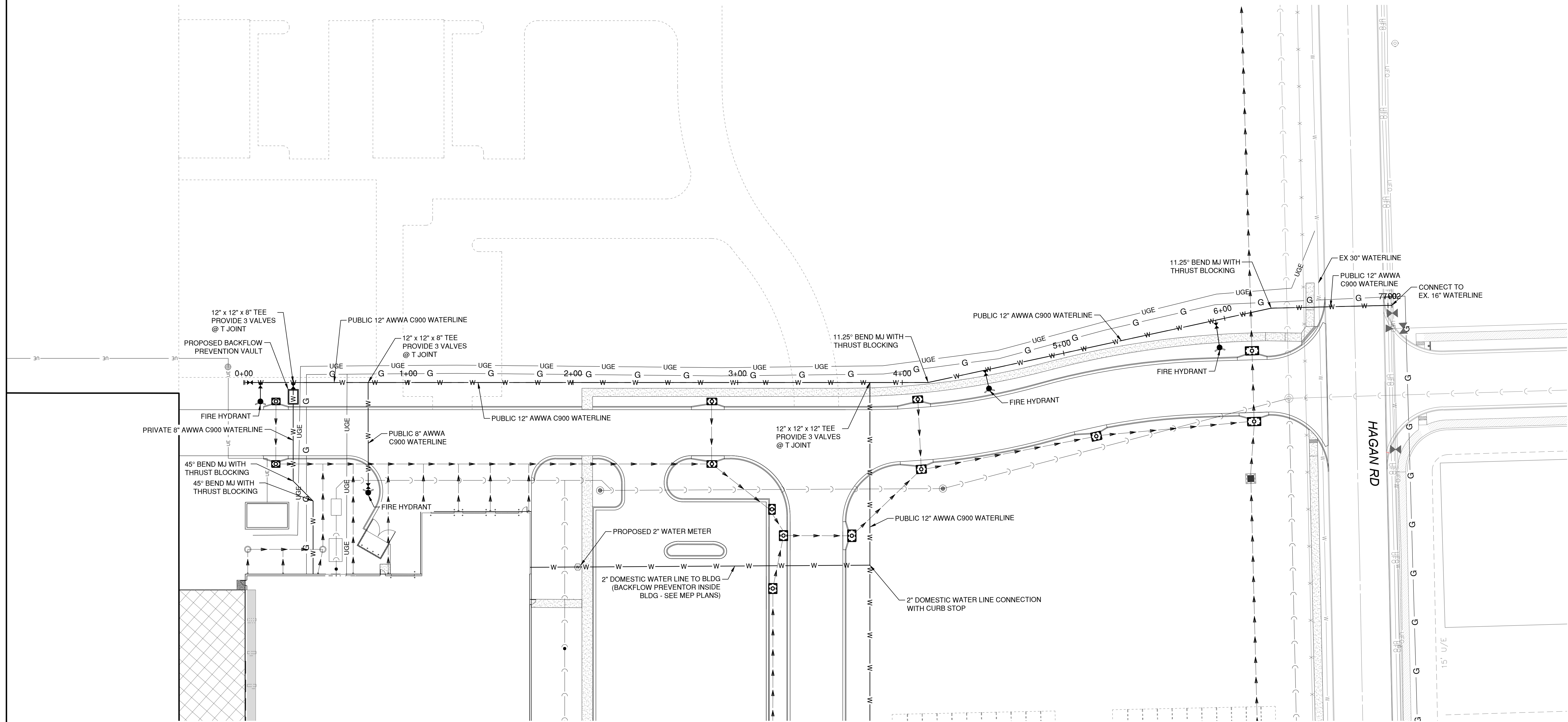
SHEET TITLE

WATER LINE PLAN &
PROFILE - SHEET 2

C117

SHEET 028 OF 131

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1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



1627 MAIN STREET, #100
KANSAS CITY, MO 64108

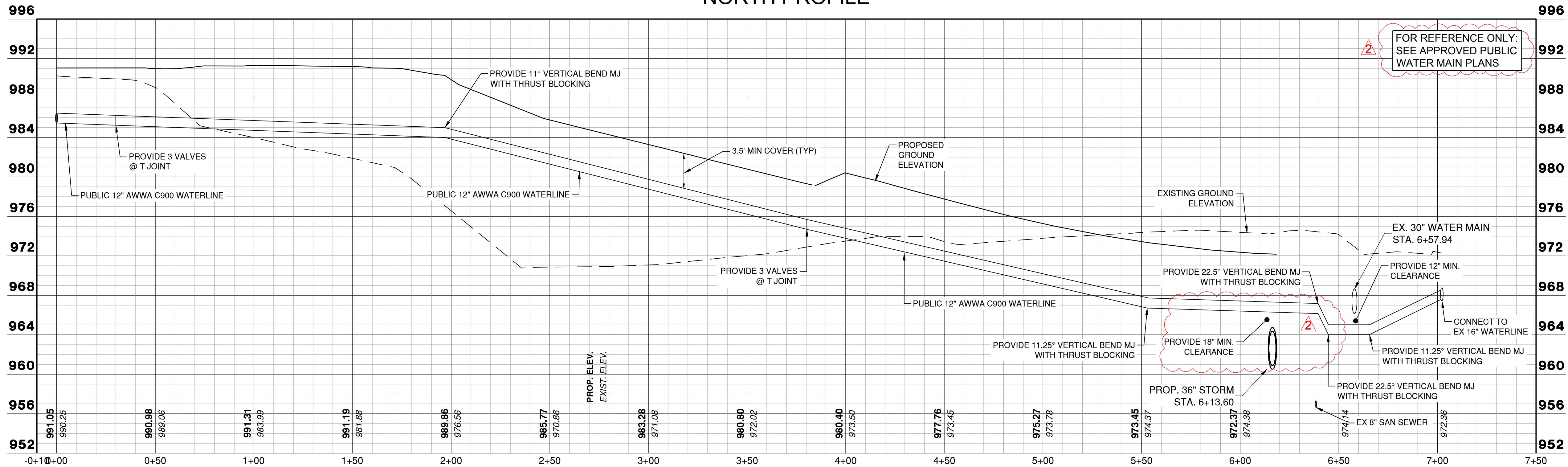


1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

NORTH PROFILE



FOR REFERENCE ONLY:
SEE APPROVED PUBLIC
WATER MAIN PLANS



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

MARK	DATE	DESCRIPTION
PROJECT NO:	47732472	
CAD DWG FILE:	WATER LINE PLAN & PROFILE - SHEET 3	
DESIGNED BY:	WLC	
DRAWN BY:	WLC	
CHECKED BY:	JRC	
APPROVED BY:	TGH	
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SHEET TITLE

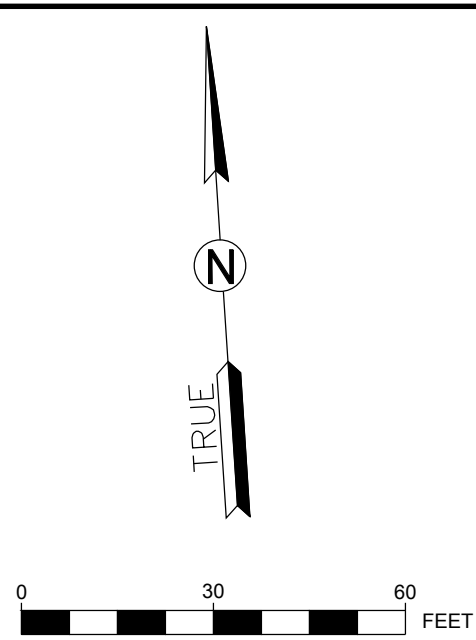
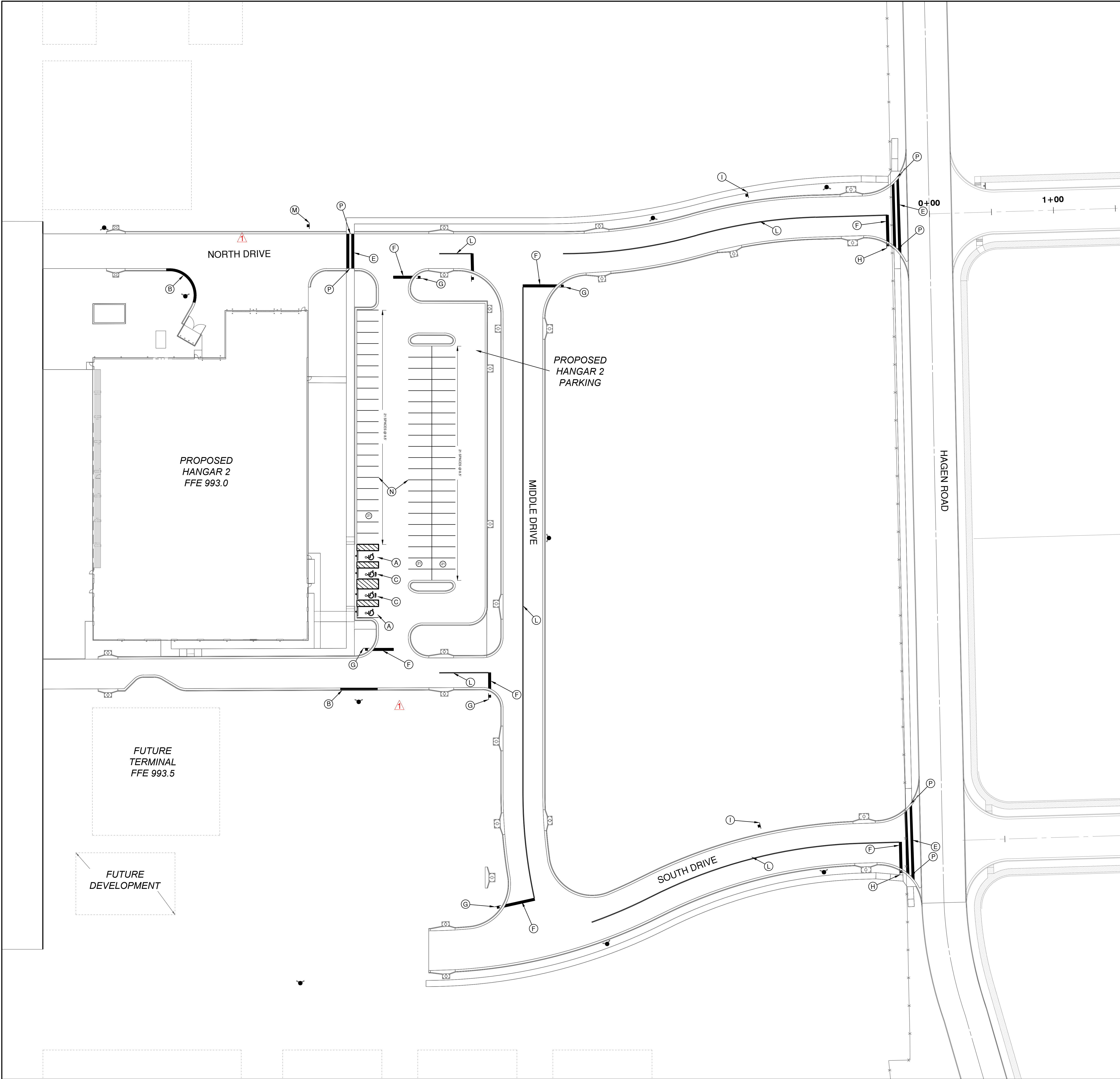
WATER LINE PLAN &
PROFILE - SHEET 3

C118

SHEET 029 OF 131

RELEASED FOR CONSTRUCTION
Development Services Department
Lee's Summit, Missouri
03182024

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Date: Wednesday, January 3, 2024 11:24:47



PLAN KEYNOTES

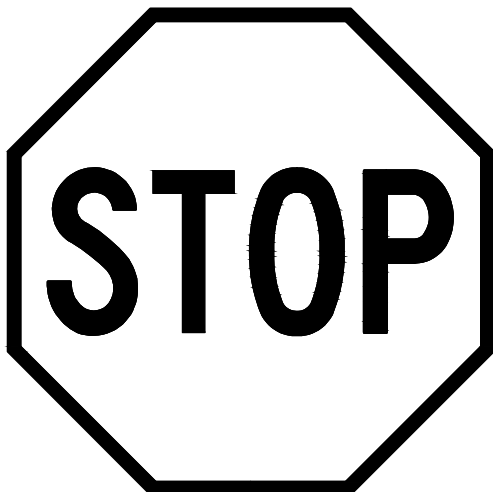
- (A) ADA STALL AND BOLLARD MOUNTED SIGNAGE
- (B) FIRE LANE PAVEMENT MARKING
- (C) ADA VAN STALL AND BOLLARD MOUNTED SIGNAGE
- (D) TRAFFIC FLOW ARROWS
- (E) 24" WHITE CROSSWALK LINES PAINTED PERPENDICULAR TO TRAFFIC 24" APART
- (F) 2' WIDE WHITE STOP BAR MARKING
- (G) STOP SIGN
- (H) STOP SIGN WITH STREET NAME SIGNS
- (I) SPEED LIMIT SIGN
- (J) YIELD SIGN
- (K) CONCRETE WHEEL STOP
- (L) DOUBLE YELLOW CENTERLINE PAVEMENT MARKINGS
- (M) AIRPORT AUTHORIZED PERSONNEL ONLY SIGN
- (N) 4" THICK YELLOW PARKING STALL MARKING
- (O) WHITE YIELD PAVEMENT MARKINGS
- (P) ADA RAMP



R5-1 DO NOT ENTER SIGN
SIZE: 30 x 30



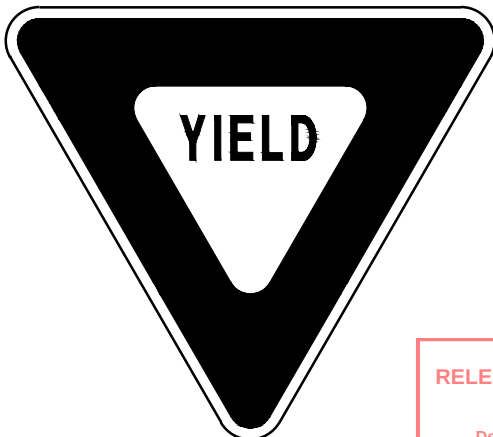
R2-1 SPEED LIMIT SIGN
SIZE: 24 x 30 (SINGLE LANE)
SPEED: 25MPH



R1-1 STOP SIGN
SIZE: 30 x 30



D3-1 STREET NAME SIGN
HEIGHT: 8"
LETTERING: 4"
1" THICK BORDER
GREEN BACKGROUND



R1-2 YIELD SIGN
SIZE: 36 x 36 x 36

RELEASED FOR CONSTRUCTION
BY: [Signature]
Development Services Department
Lee's Summit, Missouri
09142024



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



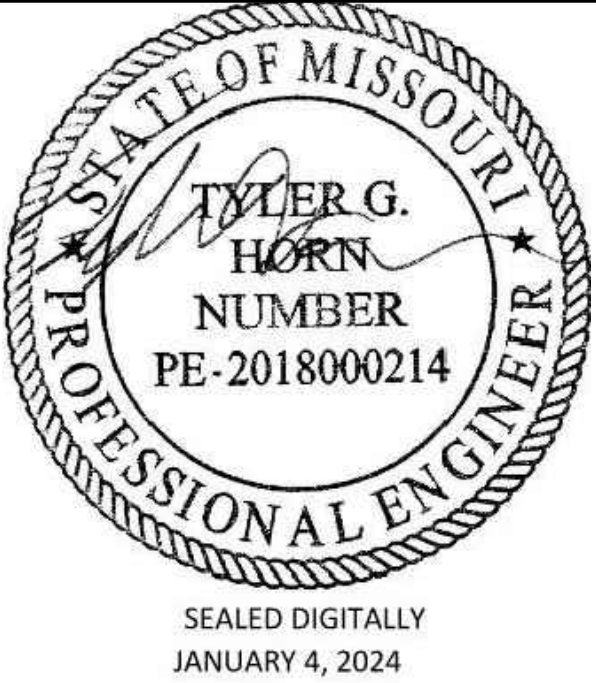
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK	DATE	DESCRIPTION
PROJECT NO:	47732472	
CAD DWG FILE:	MARKING AND SIGNAGE DETAIL SHEET	
DESIGNED BY:	WLC	
DRAWN BY:	WLC	
CHECKED BY:	JRC	
APPROVED BY:	TGH	
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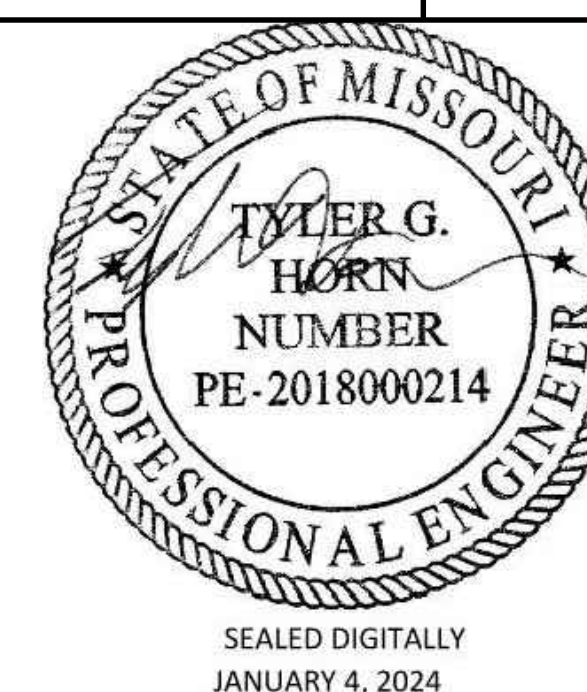
MARKING AND
SIGNAGE

C119

SHEET 030 OF 131

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



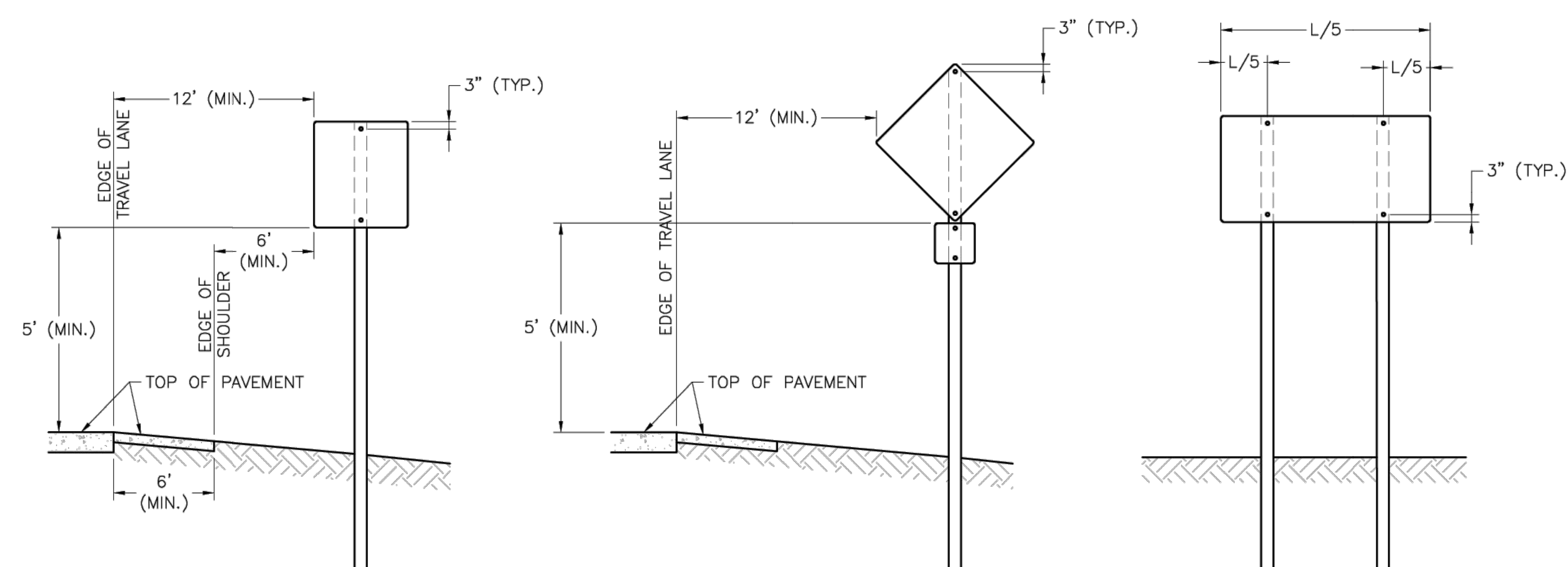
LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

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MARKING AND
SIGNAGE DETAIL -
SHEET 1

C120

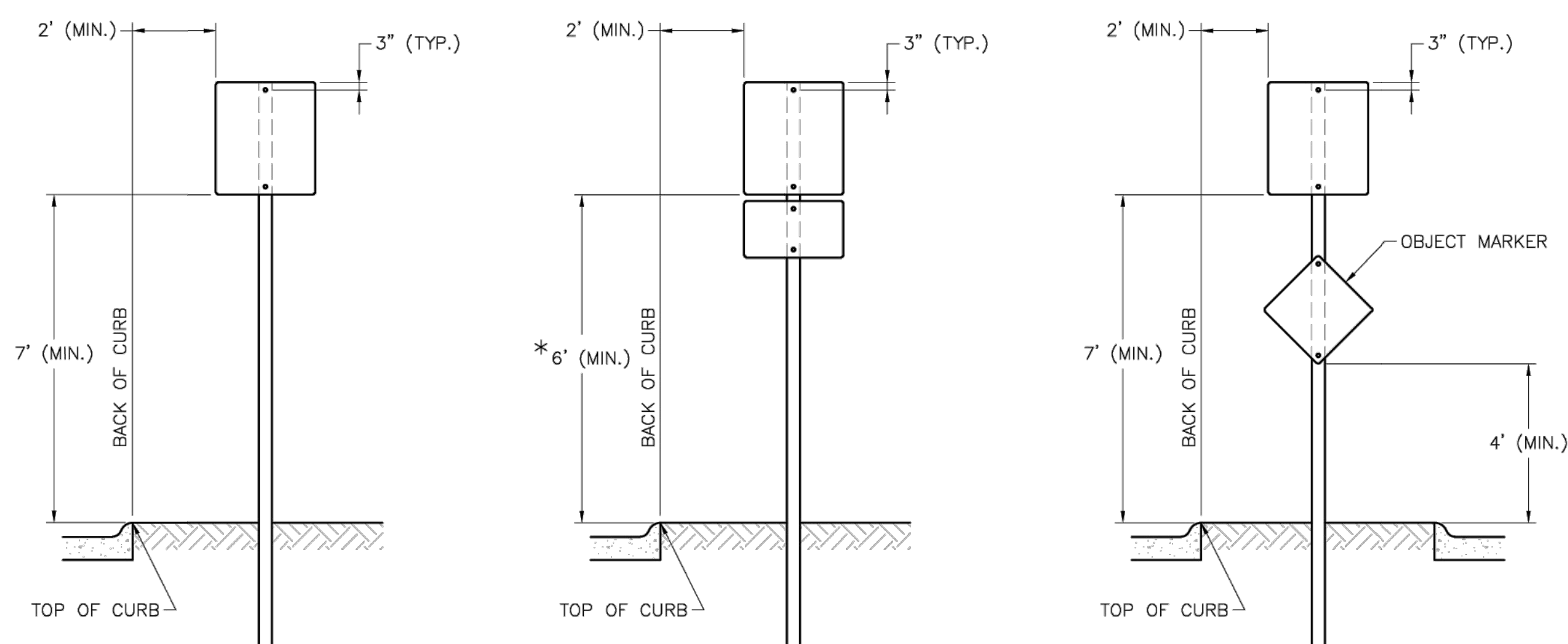
SHEET 031 OF 131



SIGN INSTALLATION FOR NON-CURBED STREET

SIGN INSTALLATION WITH AUXILIARY
SIGN FOR NON-CURBED STREET

SIGN INSTALLATION WITH TWO SIGN POSTS



SIGN INSTALLATION FOR
CURBED STREET

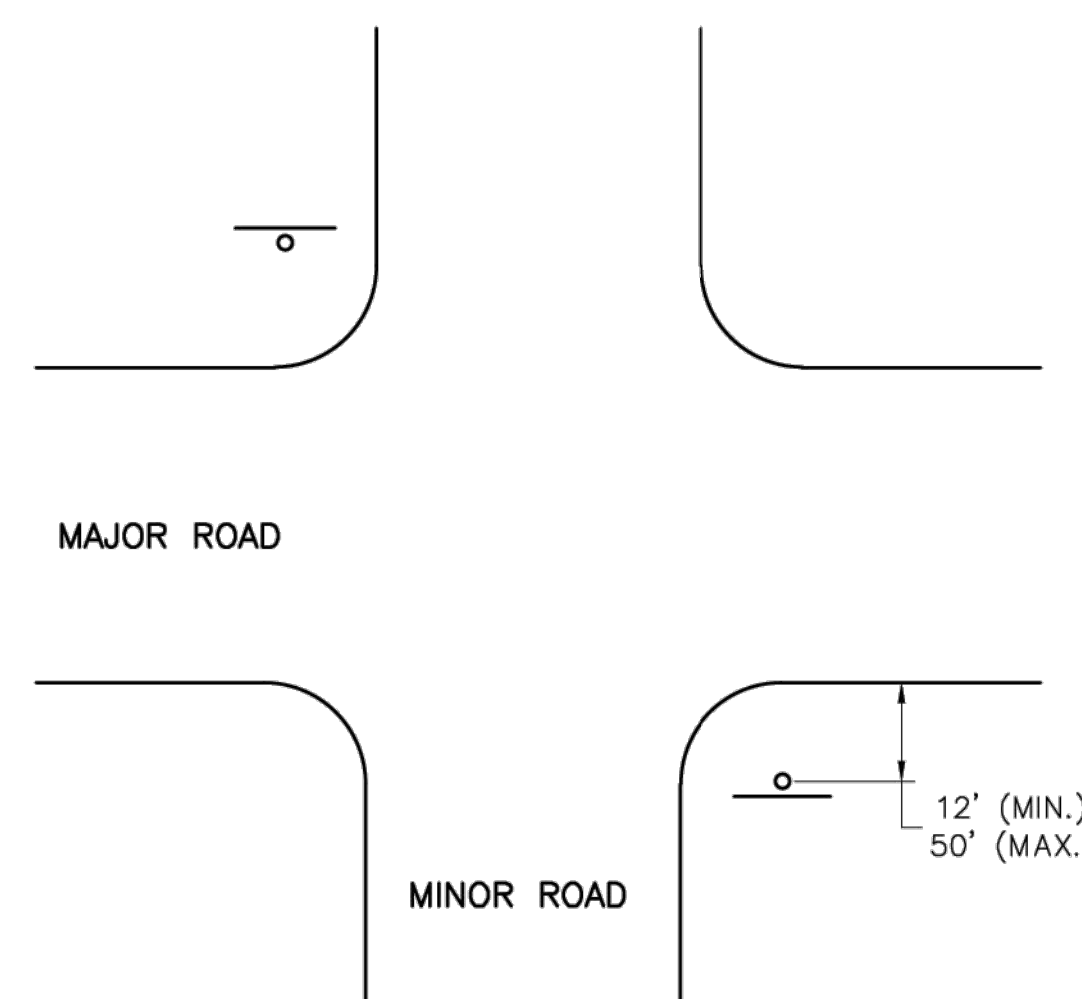
SIGN INSTALLATION WITH AUXILIARY
SIGN FOR CURBED STREET

SIGN INSTALLATION FOR RAISED MEDIANS

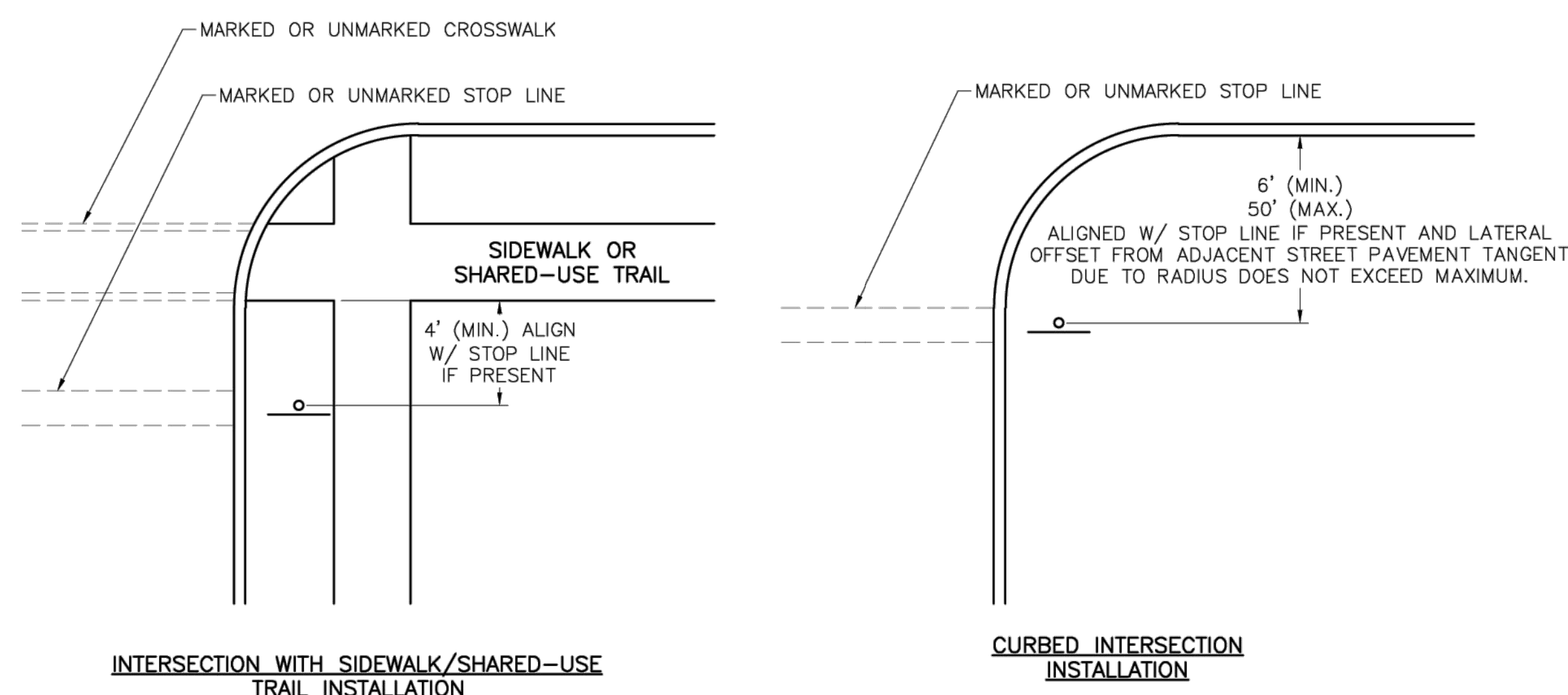
SIGN MOUNTING DETAILS

NOTES:

1. GENERALLY, THE SIGN MOUNTING HEIGHT SHOULD NOT BE MORE THAN 1' GREATER THAN THE MINIMUM MOUNTING HEIGHT.
2. *THE HEIGHT TO THE BOTTOM OF A SIGN WHEN IT IS LOCATED IN A PEDESTRIAN WALKWAY OR EXTENDS INTO A WALKWAY SHALL BE A MINIMUM OF 80 INCHES ABOVE THE WALKWAY.



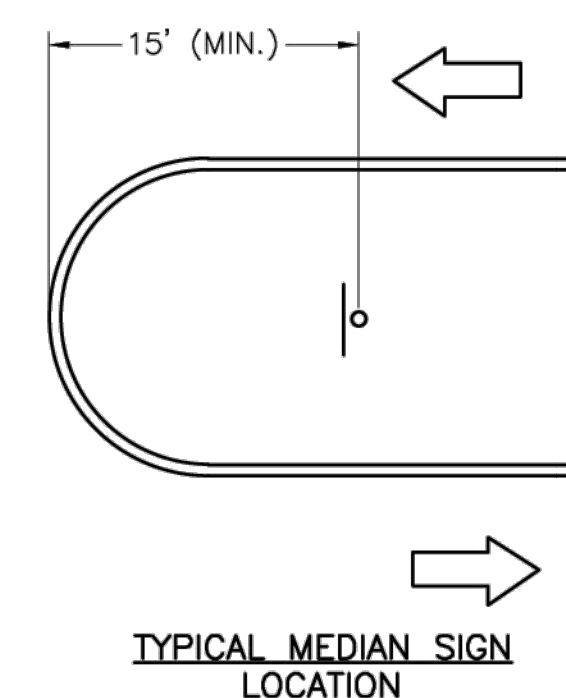
NON-CURBED INTERSECTION INSTALLATION



INTERSECTION WITH SIDEWALK/SHARED-USE TRAIL INSTALLATION

CURBED INTERSECTION INSTALLATION

CONTROL	SIGN	LOCATION
1	0	1
1	0	2
1	0	3
1	0	4
1	0	5
1	0	6
1	0	7
1	0	8
1	0	9
1	0	10
1	0	11
1	0	12
1	0	13
1	0	14
1	0	15
1	0	16
1	0	17
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1	0	129
1	0	130
1	0	131
1	0	132
1	0	133
1	0	134
1	0	135
1	0	136
1	0	137
1	0	138
1	0	1



TYPICAL MEDIAN SIGN
LOCATION

MEDIAN SIGN LOCATION

NOTES:

1. A 4" P.V.C. SLEEVE SHALL BE INSTALLED IN NEW CONCRETE MEDIANS AT EACH LOCATION WHERE A SIGN IS TO BE INSTALLED.
2. FOR EXISTING CONCRETE MEDIANS, A 4" HOLE SHALL BE CORED INTO THE CONCRETE.

LS
LEE'S SUMMIT
MISSOURI

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

Standard Details
City of Lee's Summit, MO
Lee's Summit, Jackson County, MO

Name: _____

SIGN MOUNTING DETAILS

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

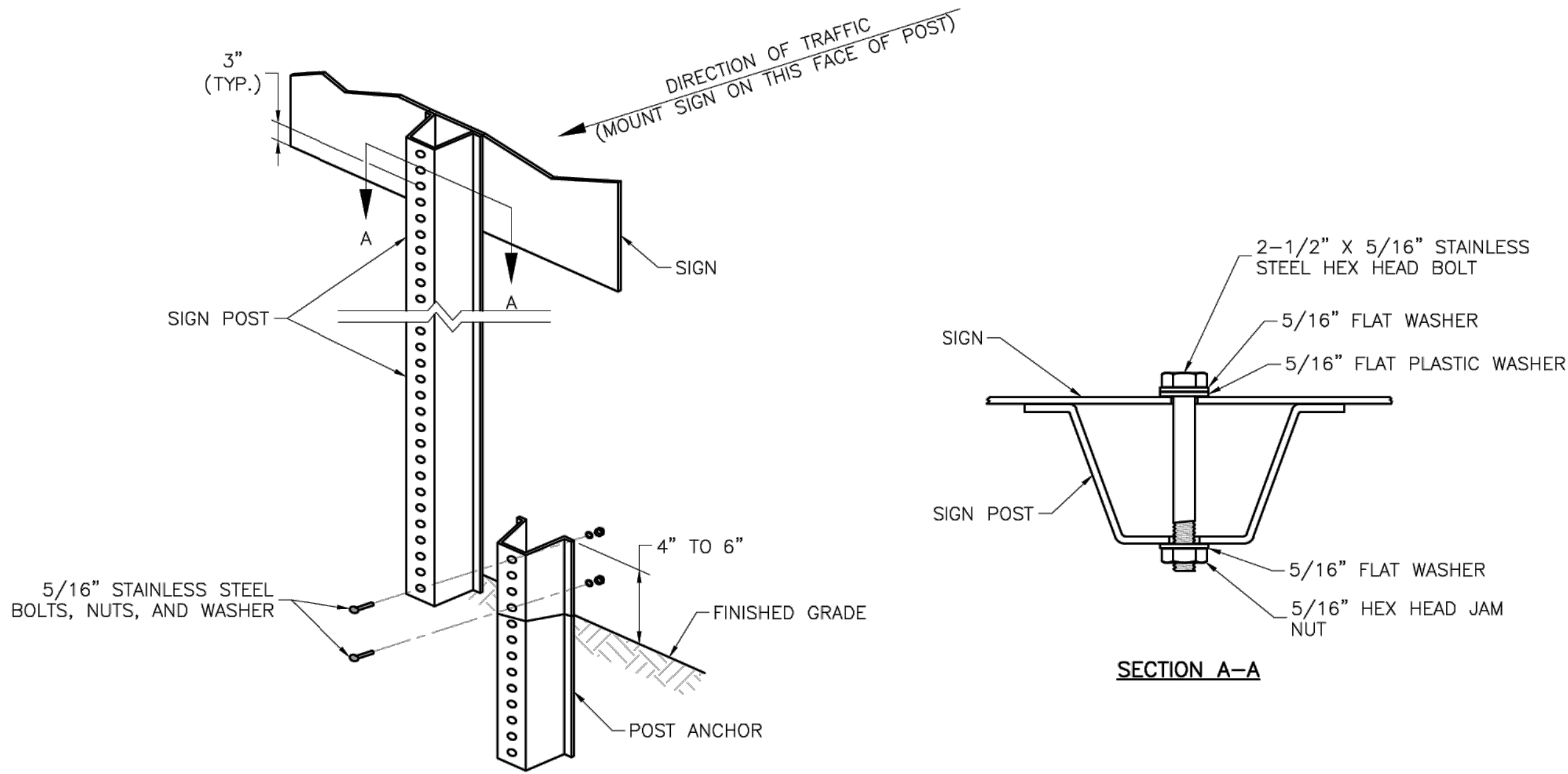
SN-1

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As Noted on Plan Review

Development Services Department
Lee's Summit, Missouri

03/14/2024

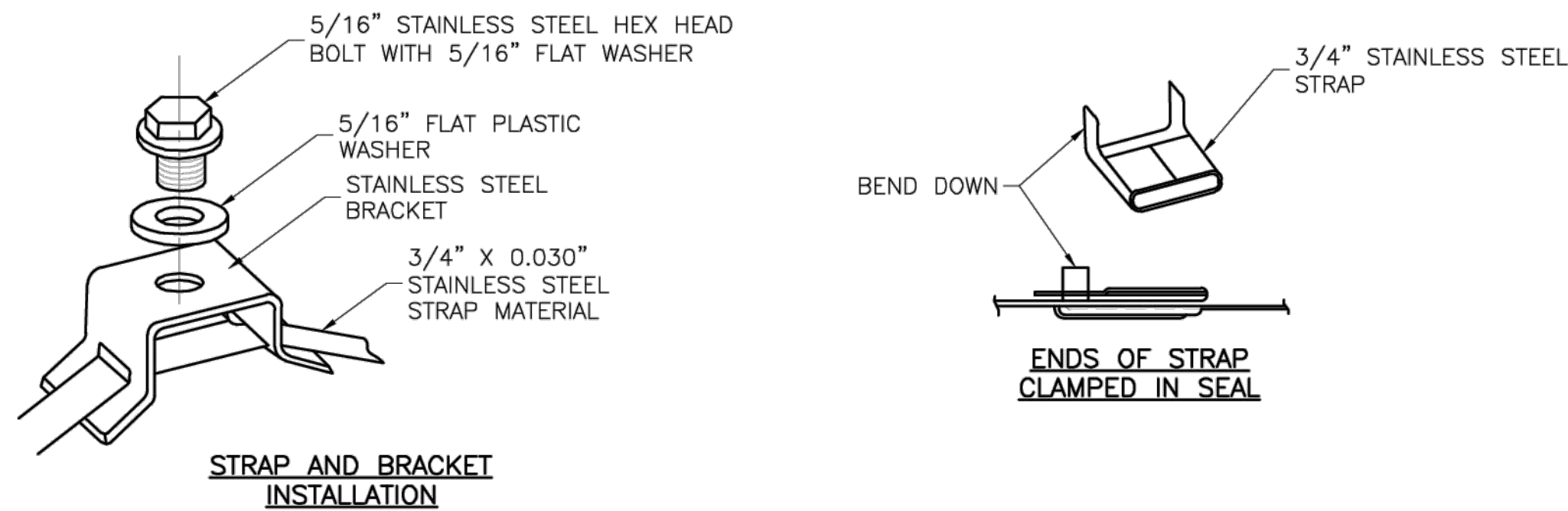
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Date: Wednesday, January 3, 2024 17:24:30



U-STEEL POST DETAILS

NOTES:

1. SPLICE SHALL BE POSITIONED ENTIRELY BETWEEN FINISHED GRADE LINE AND 18" ABOVE FINISHED GRADE LINE. ONLY ONE SPLICE WILL BE ALLOWED PER POST.
2. U-STEEL POST SHALL BE 3 LB./FT., GALVANIZED ACCORDING TO ASTM A123.
3. U-STEEL POST CAN BE USED FOR INSTALLATION OF SIGNS WITH AN AREA OF LESS THAN 2.5 SQUARE FEET.
4. ALL POSTS SHALL BE EMBEDDED A MINIMUM OF 3 FEET.



STRAP TYPE SIGN SUPPORT DETAILS

NOTES:

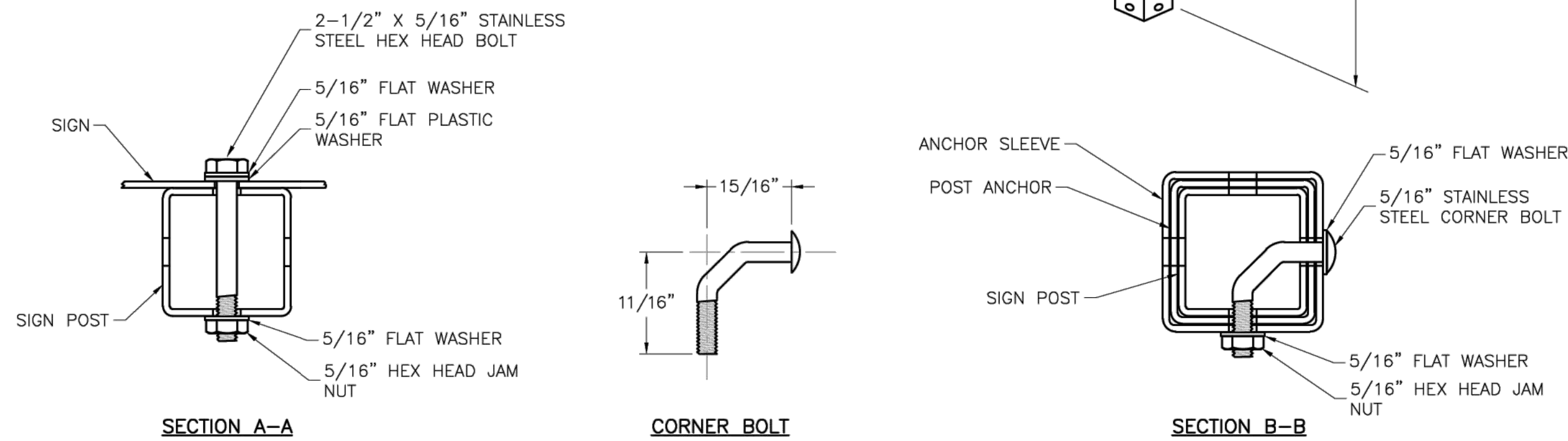
1. SIGNS ON METAL POLES SHALL BE ATTACHED WITH TWO BRACKETS AND STAINLESS STEEL BANDS.
2. HOLES IN SIGN FOR ATTACHMENT TO THE MOUNTING BRACKETS SHALL BE OFFSET A MINIMUM OF 2 INCHES FROM THE EDGE OF THE SIGN.
3. HOLES IN SIGN SHALL BE LOCATED SUCH THAT THE SIGN IS LEVEL.
4. ALL STRAP, BRACKET, AND SEAL MATERIALS SHOULD BE TYPE 201 STAINLESS STEEL.

PERMANENT SIGNING GENERAL NOTES:

1. ALL SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. THE CONTRACTOR IS RESPONSIBLE FOR AVOIDING ANY AND ALL UTILITIES WHEN INSTALLING SIGN POSTS, WHETHER THE UTILITY IS INDICATED ON THE PLANS OR NOT.
3. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE PUBLIC WORKS DEPARTMENT OF THE CITY OF LEE'S SUMMIT.
4. THE CONTRACTOR SHALL STAKE THE LOCATION OF ALL SIGN POSTS TO BE INSTALLED. THE CITY INSPECTOR SHALL INSPECT THE STAKING PRIOR TO INSTALLATION. MINOR RELOCATION TO AVOID CONFLICTS MAY BE ALLOWED WITH THE APPROVAL OF THE CITY TRAFFIC ENGINEER.
5. SIGNS SHOWN TO BE INSTALLED ON THE SIDE OF METAL POLES SHALL BE MOUNTED WITH STAINLESS STEEL STRAPS OR WING BRACKETS AS DETAILED. NO SIGNS ARE TO BE INSTALLED ON WOOD POLES. SEE TRAFFIC SIGNAL STANDARD DRAWINGS FOR THE INSTALLATION OF SIGNS ON MAST ARMS.
6. ALL POST MOUNTED SIGNS SHALL BE INSTALLED WITH BREAKAWAY ANCHORS ACCORDING TO THE STANDARD DRAWINGS.
7. ALL EXISTING SIGNS WILL BE USED IN PLACE DURING CONSTRUCTION AND PROTECTED FROM DAMAGE UNLESS OTHERWISE INDICATED IN THE PLANS. IF THE CONTRACTOR DAMAGES ANY EXISTING SIGN OR POSTS DURING CONSTRUCTION, THE CONTRACTOR WILL BE REQUIRED TO REPLACE THE DAMAGED MATERIALS WITH NEW SIGNS OR POSTS AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND STORING ANY SIGNS THAT ARE TO BE REINSTALLED ON THE PROJECT. ALL EQUIPMENT SHALL BE REINSTALLED IN GOOD CONDITION.
8. EXISTING PERMANENT SIGNS AND POSTS REMOVED BY THE CONTRACTOR FOR CONSTRUCTION PURPOSES WHICH ARE NOT TO BE REINSTALLED SHALL BE DELIVERED TO THE CITY'S PUBLIC WORKS MAINTENANCE FACILITY (1971 SE HAMBLÉN ROAD). THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND STORING EQUIPMENT IN GOOD CONDITION AND IS FULLY RESPONSIBLE FOR THE EQUIPMENT UNTIL IT IS DELIVERED.
9. ALL STOP, YIELD, OR STREET NAME SIGNS SHALL BE MAINTAINED IN A CONSPICUOUS LOCATION FOR THE DRIVING PUBLIC. ALL STOP AND YIELD SIGNS REMOVED FOR CONSTRUCTION PURPOSES CAN BE TEMPORARILY ERECTED IN REFLECTORIZED DRUMS (NO LESS THAN 7 FEET ABOVE THE PAVEMENT SURFACE) UNTIL THEY CAN BE REINSTALLED. ANY TEMPORARY STOP OR YIELD SIGN INSTALLATION TO BE LEFT IN PLACE OVERNIGHT WILL REQUIRE PRIOR APPROVAL FROM THE CITY INSPECTOR.

SQUARE STEEL POST INSTALLATION SEQUENCE:

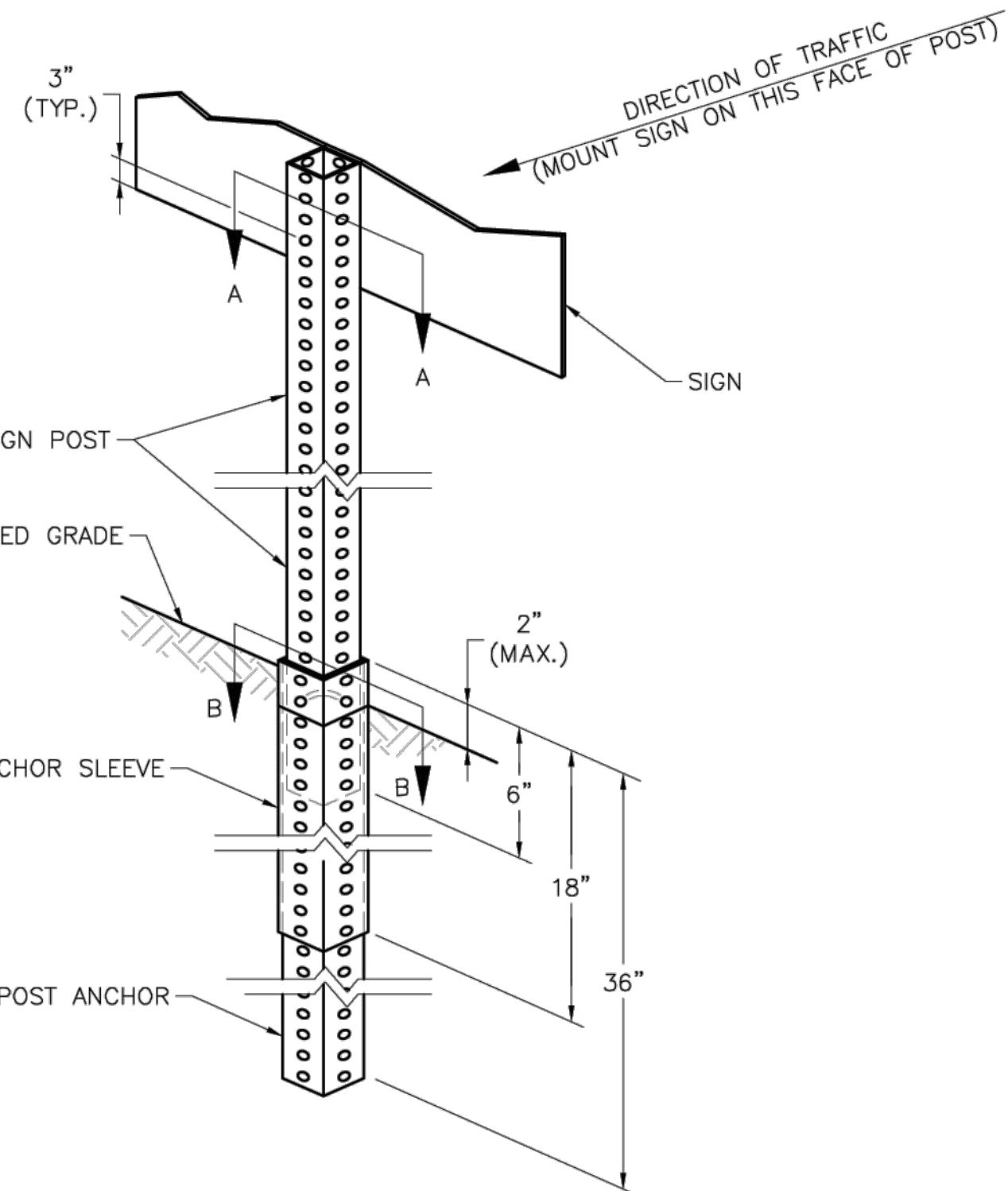
1. SIGN POST ANCHOR DRIVEN PARTIALLY INTO THE GROUND USING A DRIVE CAP WITH A SLEDGE OR POWER EQUIPMENT.
2. ANCHOR SLEEVE SLIPPED OVER ANCHOR AND DRIVE INTO THE GROUND TOGETHER WITH THE SIGN POST ANCHOR.
3. INSERT SIGN POST INTO THE POST ANCHOR AND BOLT IN PLACE.



SQUARE STEEL POST DETAILS

NOTES:

1. SQUARE STEEL SIGN POSTS AND BREAK-AWAY ANCHOR SHALL CONSIST OF THE FOLLOWING MATERIALS:
SIGN POST - 14 GA. 2" X 2" SQUARE STEEL POST
POST ANCHOR - 12 GA. 2 1/4" X 2 1/4" X 36" SQUARE STEEL POST
ANCHOR SLEEVE - 12 GA. 2 1/2" X 2 1/2" X 18" SQUARE STEEL POST
2. 14 GA. POSTS MUST MEET A CERTIFIED MINIMUM YIELD STRENGTH OF 60,000 PSI.
3. IN ALL INSTALLATIONS THE FIRST HOLE ABOVE THE FINISHED GRADE LINE ON THE SIGN POST, ANCHOR, AND ANCHOR SLEEVE MUST BE IN LINE FOR THE INSERTION OF THE CORNER BOLT.
4. THE MAXIMUM AREA FOR ONE SIGN POST IS 9.0 SQUARE FEET. A SIGN OR COMBINATION OF SIGNS WITH AN AREA GREATER THAN 9.0 SQUARE FEET WILL REQUIRE TWO POSTS. ALSO, SIGNS WITH A WIDTH GREATER THAN OR EQUAL TO 48" (NOT INCLUDING 36" X 36" DIAMOND SHAPED SIGNS) WILL REQUIRE TWO POSTS.



LEE'S SUMMIT
MISSOURI

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

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

POST DETAILS

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

SN-2

RELEASED FOR CONSTRUCTION
Development Services Department
Lee's Summit, Missouri
03/04/2024



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



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: MARKING AND SIGNAGE DETAIL SHEET
DESIGNED BY: WLC
DRAWN BY: WLC
CHECKED BY: JRC
APPROVED BY: TGH
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SHEET TITLE

MARKING AND
SIGNAGE DETAIL -
SHEET 2

C121

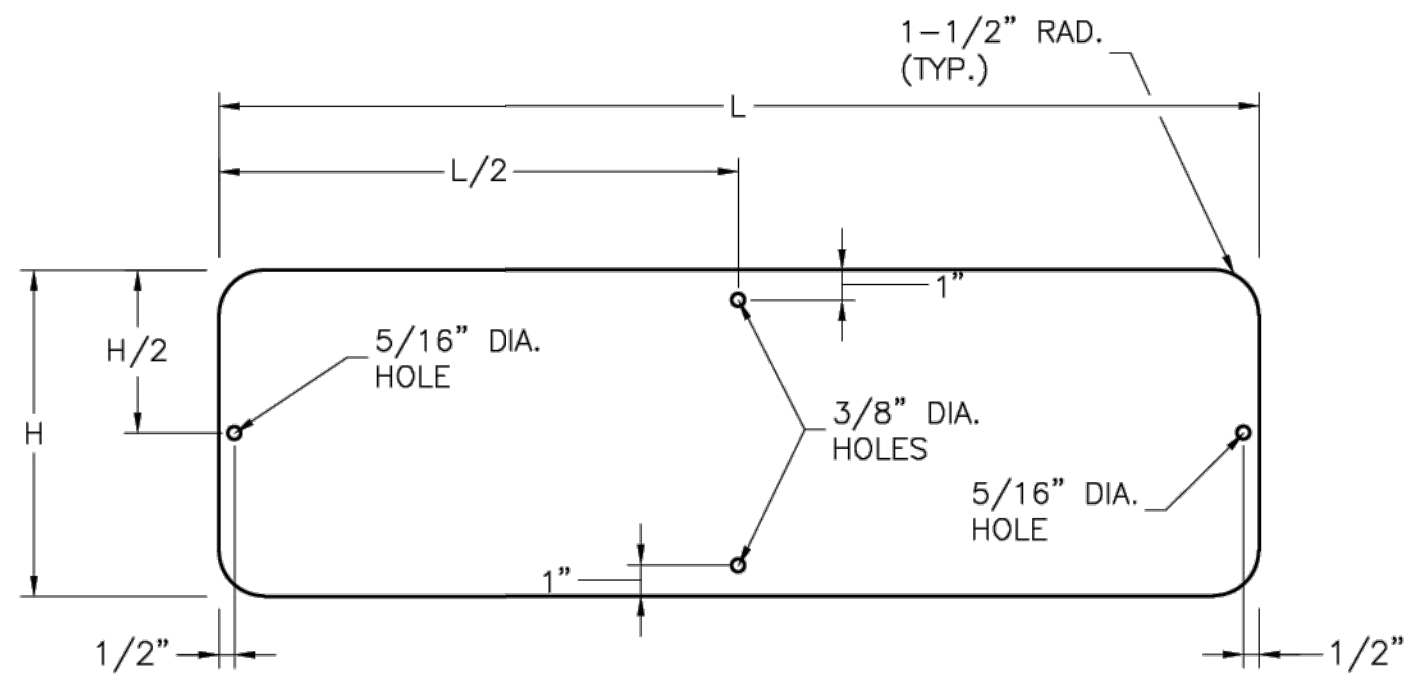
SHEET 032 OF 131

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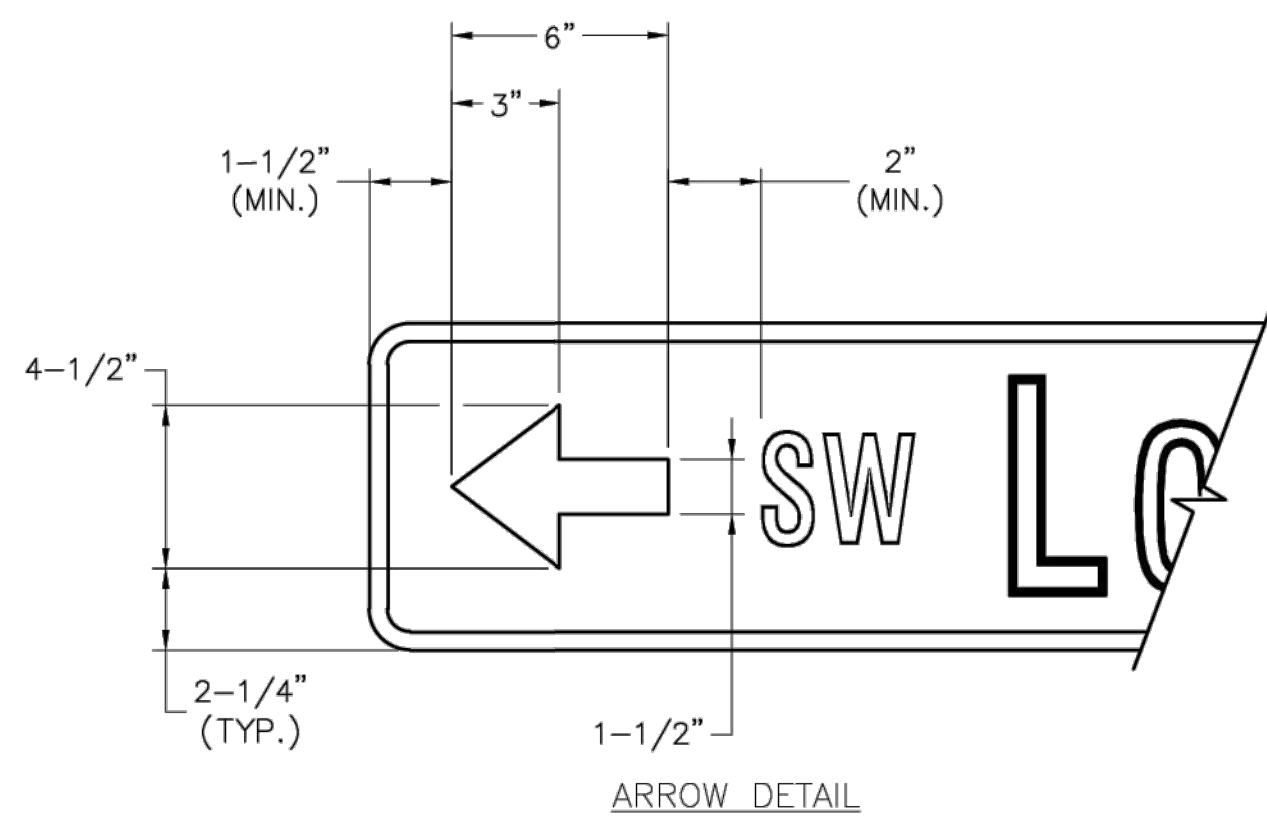
STANDARD ABBREVIATION LISTS

NAMED STREETS	
AVENUE	Ave
BOULEVARD	Blvd
CIRCLE	Cir
COURT	Ct
CROSSING	Xing
DRIVE	Dr
HIGHWAY	Hwy
LANE	Ln
PARKWAY	Pkwy
PLACE	Pl
ROAD	Rd
STREET	St
TERRACE	Ter
TRAIL	Trl
WAY	Way

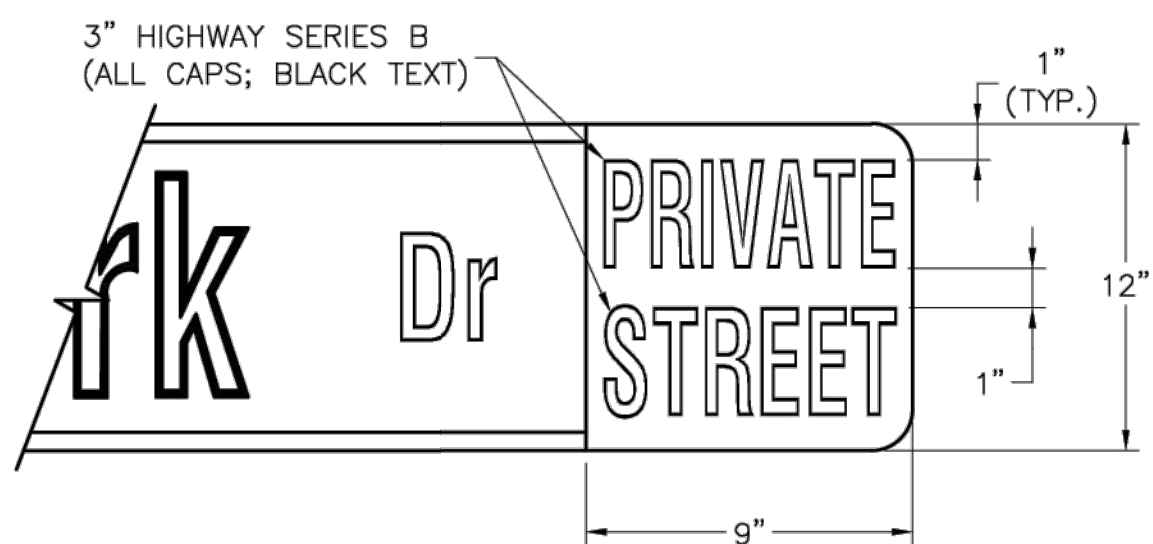
NUMBERED STREETS	
FIRST	ST
SECOND	ND
THIRD	RD
FOURTH TO TENTH	TH



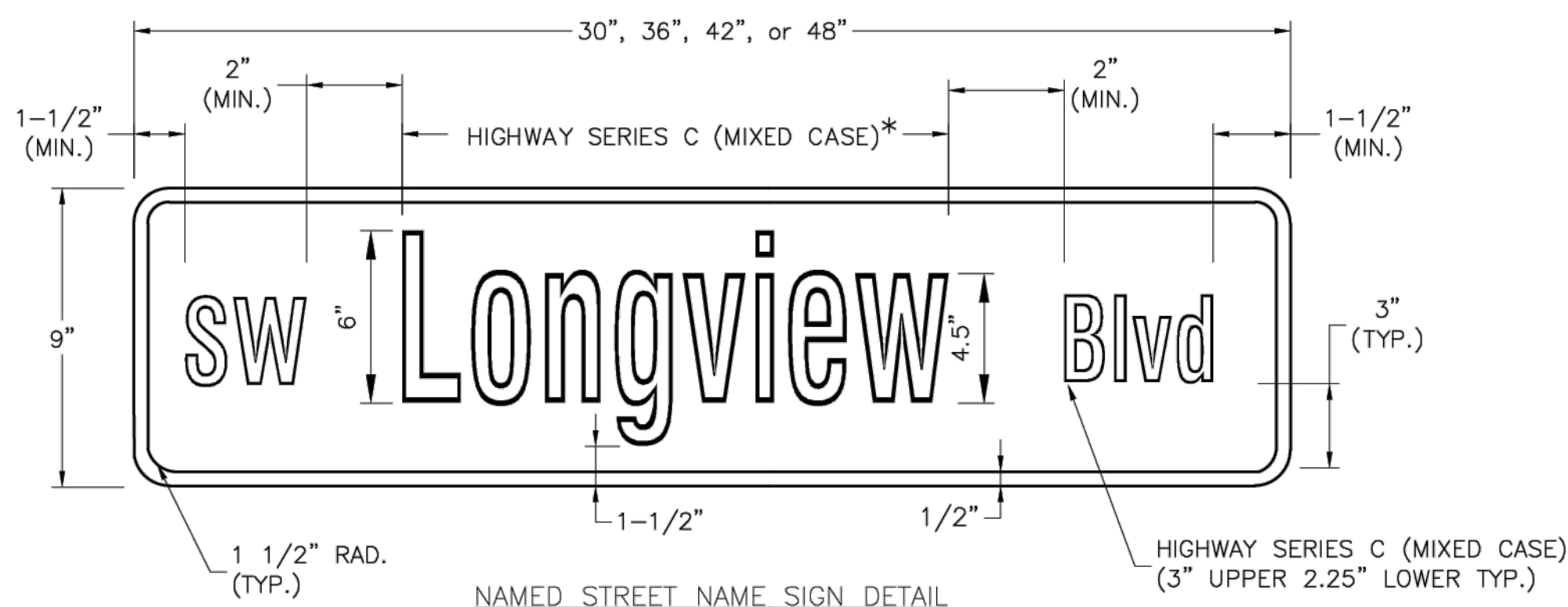
STREET NAME SIGN BLANK DETAILS
FOR MOUNTING ON SQUARE STEEL POSTS



ARROW DETAIL



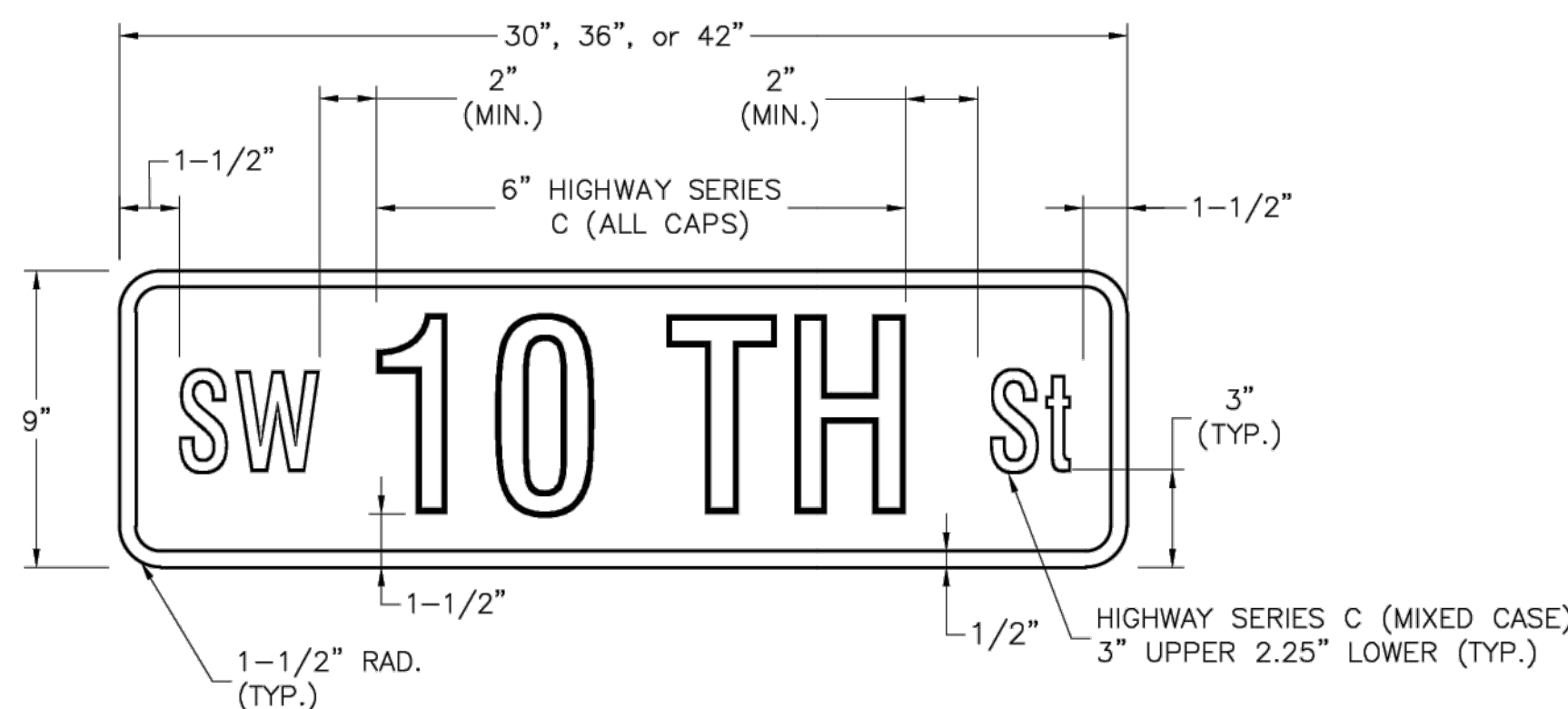
PRIVATE STREET TAG DETAIL



NAMED STREET NAME SIGN DETAIL
* USE HIGHWAY SERIES B (MIXED CASE) IN LIEU OF SERIES C IF NECESSARY TO FIT TEXT ON A 36" SIGN BLANK.

STREET NAME SIGN FACE DETAILS

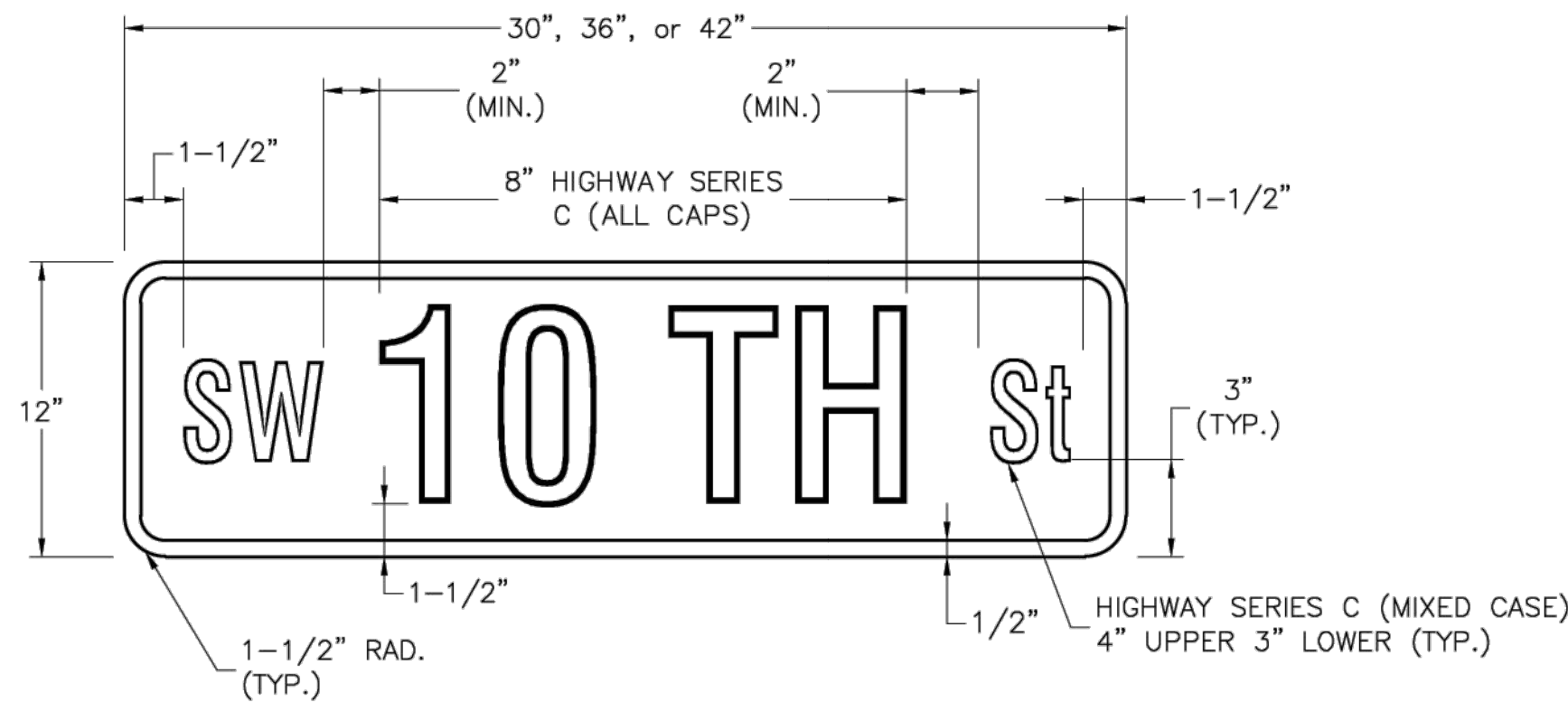
POST MOUNTED 2-LANE ALL SPEEDS AND MULTI-LANE UNDER 40 MPH



NUMBERED STREET NAME SIGN DETAIL

STREET NAME SIGN FACE DETAILS

POST MOUNTED 2-LANE ALL SPEEDS AND MULTI-LANE UNDER 40 MPH



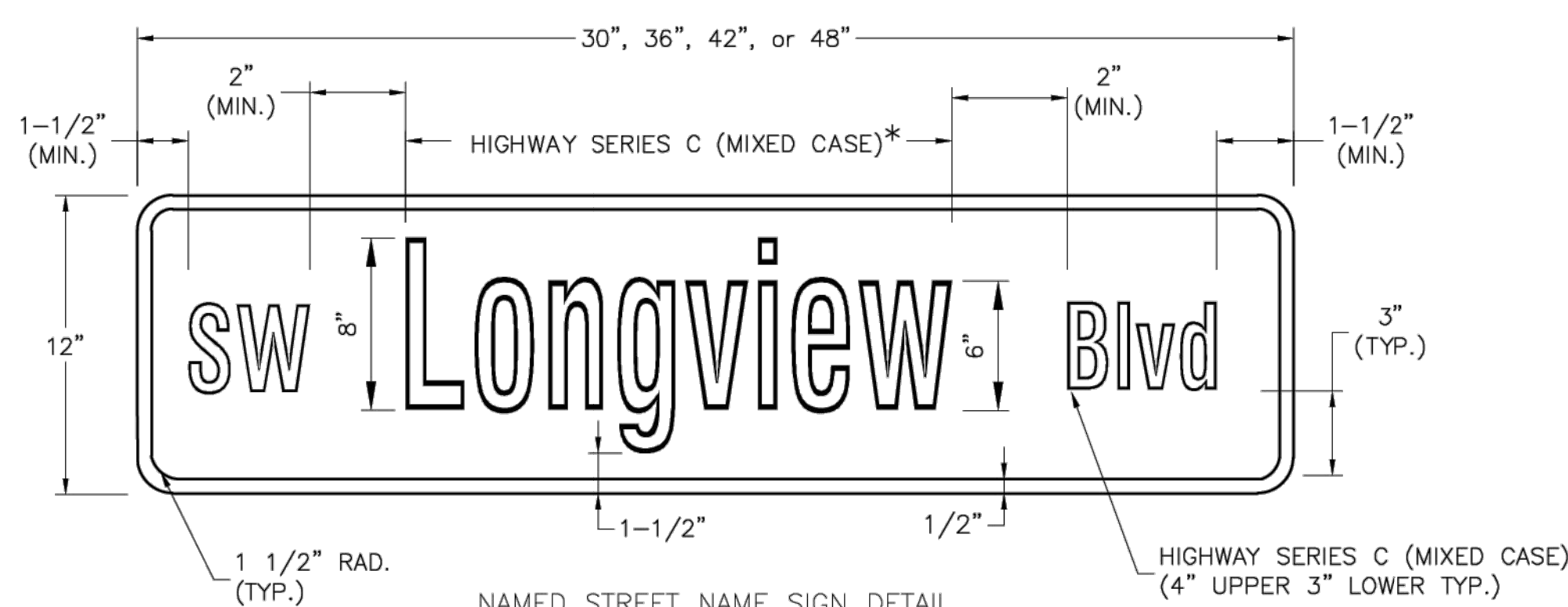
NUMBERED STREET NAME SIGN DETAIL

STREET NAME SIGN FACE DETAILS

POST MOUNTED MULTI-LANE GREATER THAN 40 MPH

NOTES:

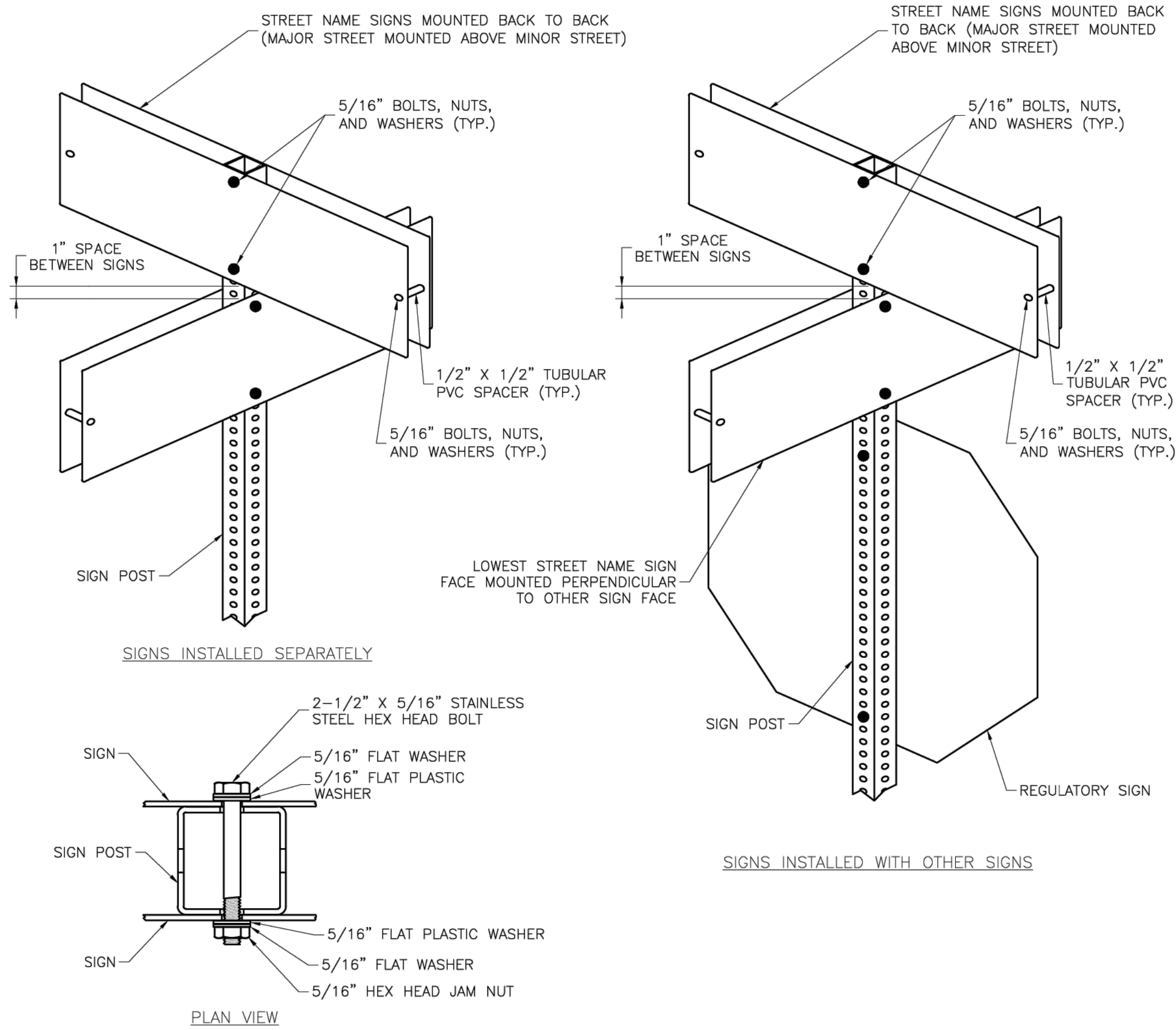
- FOR ALL STREET NAME SIGNS, THE LEGEND SHALL BE WHITE AND THE BACKGROUND SHALL BE GREEN.
- ARROWS SHALL BE ADDED TO STREET NAME SIGNS WHERE THE NAME OF A STREET CHANGES AT AN INTERSECTION. STREET NAME SIGNS WITH ARROWS ARE TO BE INSTALLED ON EACH SIDE OF THE INTERSECTION TO INDICATE THE CHANGE IN NAMES. ARROWS SHALL BE WHITE.
- THE "PRIVATE STREET" TAG SHOULD BE ADDED TO THE END OF STREET NAME SIGNS TO INDICATE WHERE A STREET THAT IS OUTSIDE THE RIGHT-OF-WAY INTERSECTS A PUBLIC STREET. THE BACKGROUND FOR THE "PRIVATE STREET" TAG SHALL BE YELLOW.
- MULTI-LANE IS DEFINED AS HAVING 2 LANES OR MORE IN EACH DIRECTION, EXCLUDING TURN LANES.
- OVERHEAD SIGN DETAILS MAY BE FOUND ON THE SIGNAL HEAD MOUNTING DETAIL.



NAMED STREET NAME SIGN DETAIL
* USE HIGHWAY SERIES B (MIXED CASE) IN LIEU OF SERIES C IF NECESSARY TO FIT TEXT ON A 36" SIGN BLANK.

STREET NAME SIGN FACE DETAILS

POST MOUNTED MULTI-LANE GREATER THAN 40 MPH



SQUARE STEEL POST MOUNTING DETAILS

LS LEE'S SUMMIT
MISSOURI

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO
Sheet Name: STREET NAME SIGN DETAILS

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

SN-3

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



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



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: MARKING AND SIGNAGE DETAIL SHEET
DESIGNED BY: WLC
DRAWN BY: WLC
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SHEET TITLE

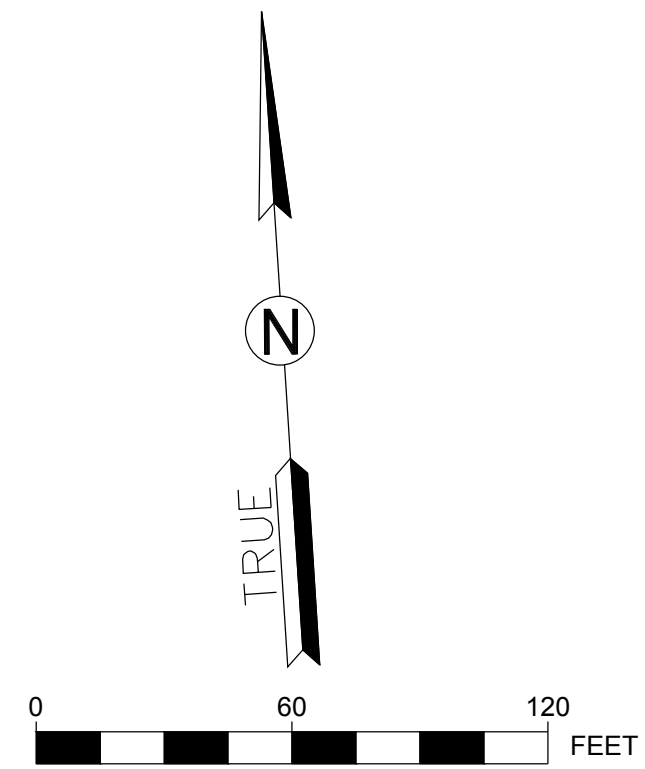
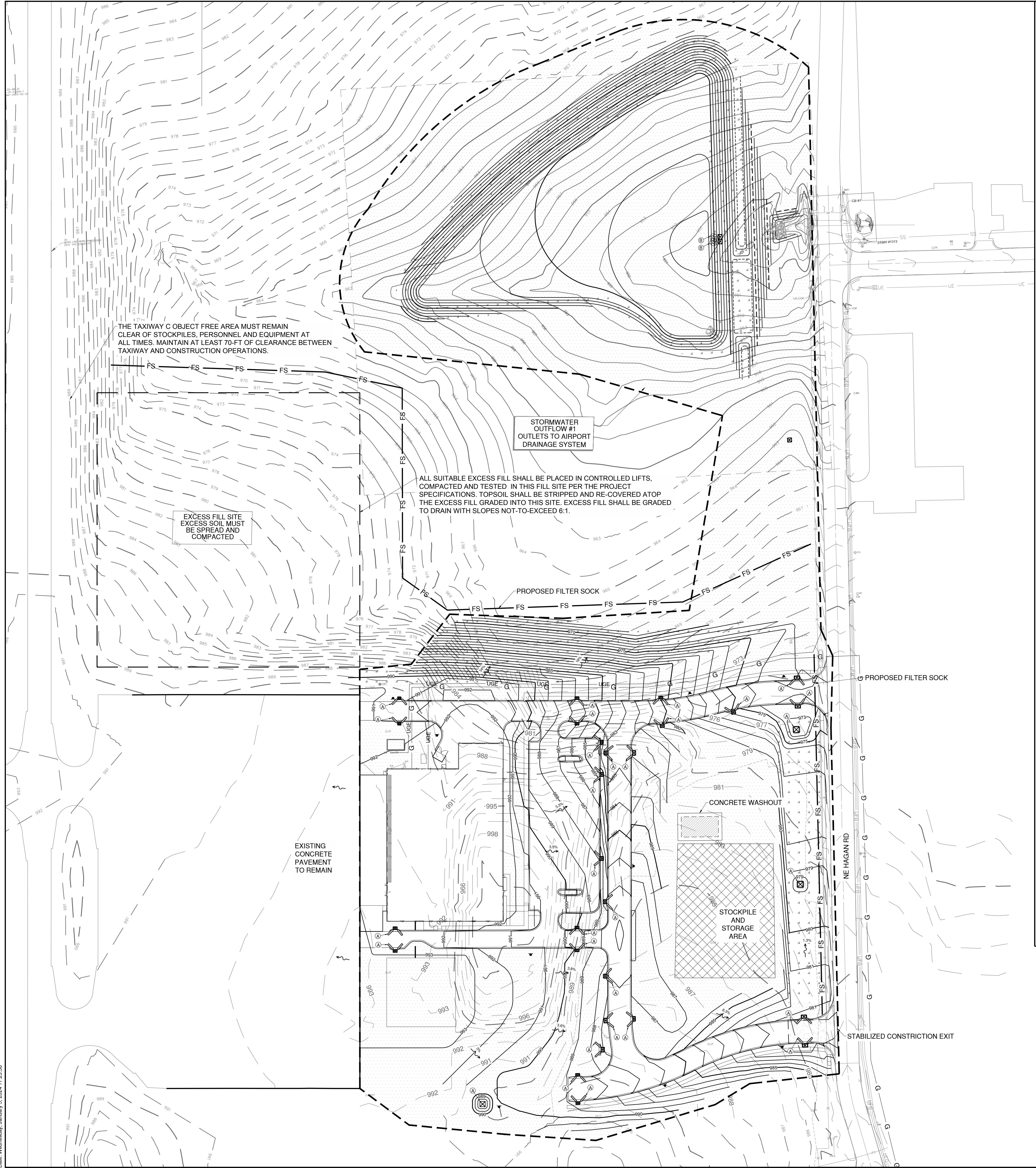
MARKING AND
SIGNAGE DETAIL -
SHEET 3

C122

SHEET 033 OF 131

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Development Services Department
Lee's Summit, Missouri
03140204

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Date: Wednesday, January 3, 2024 17:23:36



LEGEND

- AREA TO RECEIVE SEEDING / FERTILIZING PER SPECIFICATIONS AND NORTH AMERICAN GREEN EriNet SC150 EROSION CONTROL BLANKET SEE EROSION CONTROL DETAILS
- AREA TO BE SEEDED
- RIP-RAP AT END SECTION SEE EROSION CONTROL DETAILS
- STABILIZED CONSTRUCTION ENTRANCE (COORDINATE LOCATION WITH OWNER) SEE EROSION CONTROL DETAILS
- STOCKPILE AND STORAGE AREA
- LIMITS OF DISTURBANCE
- EXISTING CONTOUR
- PROPOSED CONTOURS
- PROPOSED FILTER SOCK
- FLOW ARROW
- INLET PROTECTION
- BASIN OUTFALL PROTECTION
- TEMPORARY CONCRETE WASHOUT AS REQUIRED FOR PCC CONSTRUCTION

SEQUENCE OF CONSTRUCTION:

- CONTRACTOR MUST INSTALL PERIMETER FILTER SOCK CONTROLS PRIOR TO GRADING OPERATIONS.
- WHEN NEW INLETS ARE INSTALLED, CONTRACTOR TO PUT IN PLACE INLET PROTECTION ON NEW INLETS AS SOON AS POSSIBLE AS INDICATED ON THE PLANS.
- AFTER GRADING OF DITCHES, DITCH CHECKS TO BE PUT IT PLACE AS SOON AS POSSIBLE.
- ALL INLET PROTECTION, SILT SOCKS, AND DITCH CHECKS TO REMAIN IN PLACE AND BE MAINTAINED THROUGHOUT CONSTRUCTION AS REQUIRED UNTIL FULL VEGETATION IS ESTABLISHED. CONTRACTOR TO USE SEEDING AND EROSION CONTROL BLANKETS ACCORDING TO REQUIREMENTS OF THIS SHEET AND LANDSCAPE PLANS.

KEYNOTE

- (A) INLET PROTECTION
- (B) BASIN OUTFALL PROTECTION

ACREAGE SUMMARY

DISTURBED AREA = 13.71 AC
IMPERVIOUS AREA = 5.17 AC
PERVIOUS AREA = 8.54 AC

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Lee's Summit, Missouri
01/03/2024



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



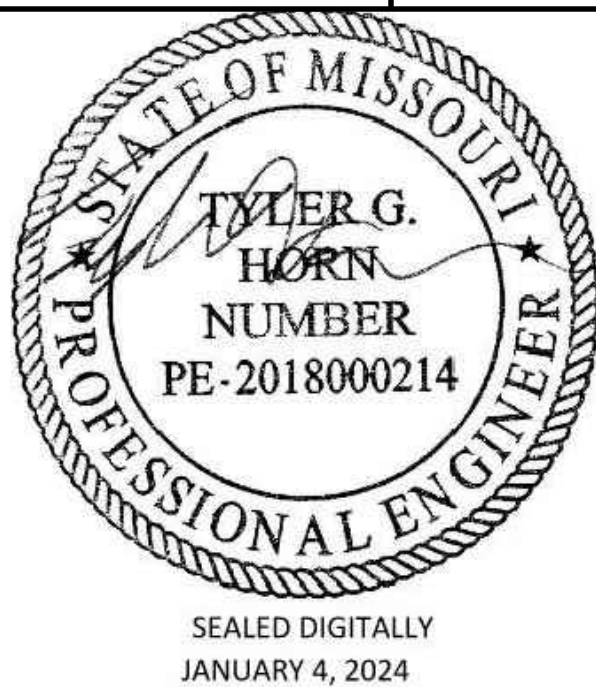
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



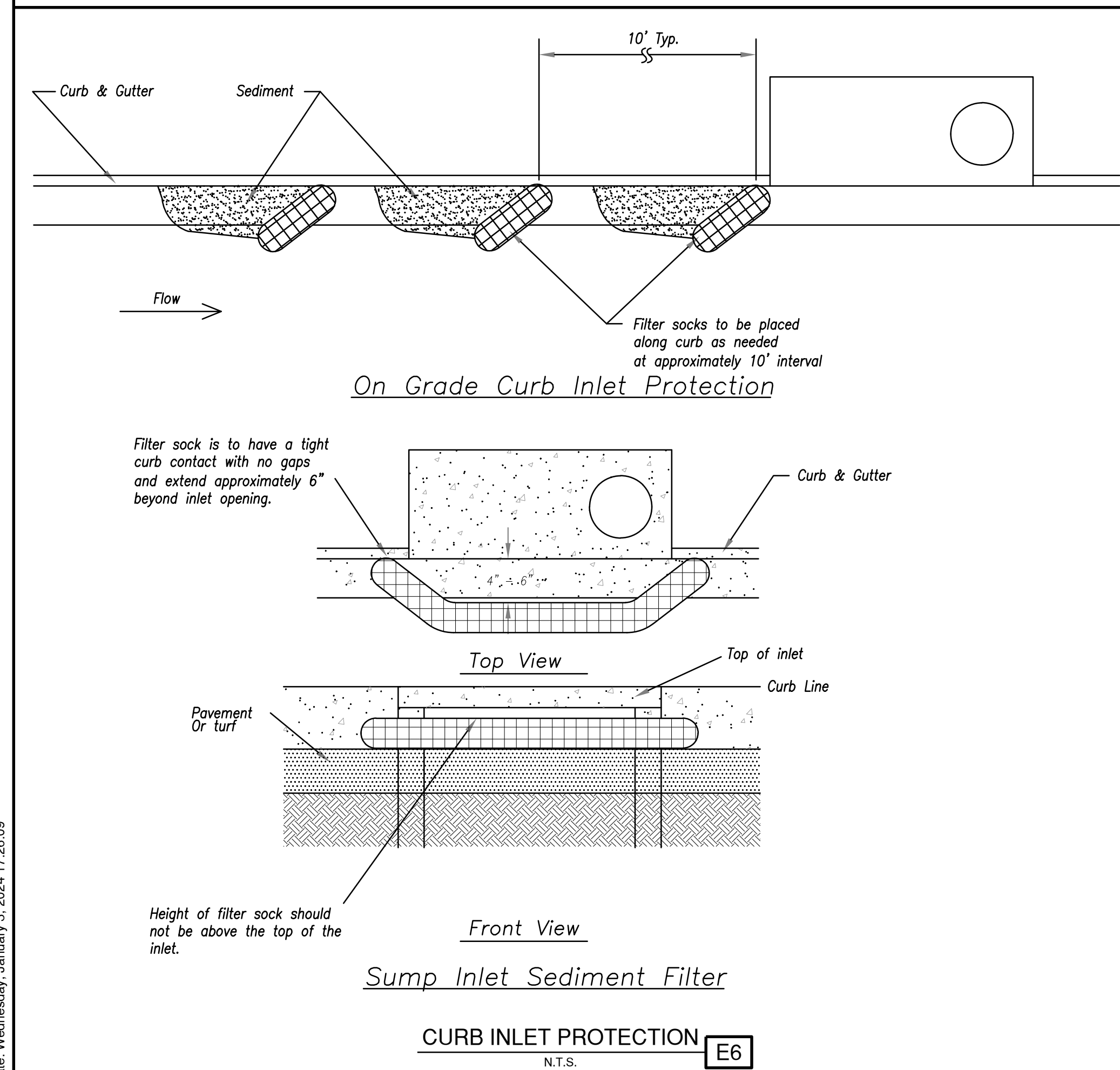
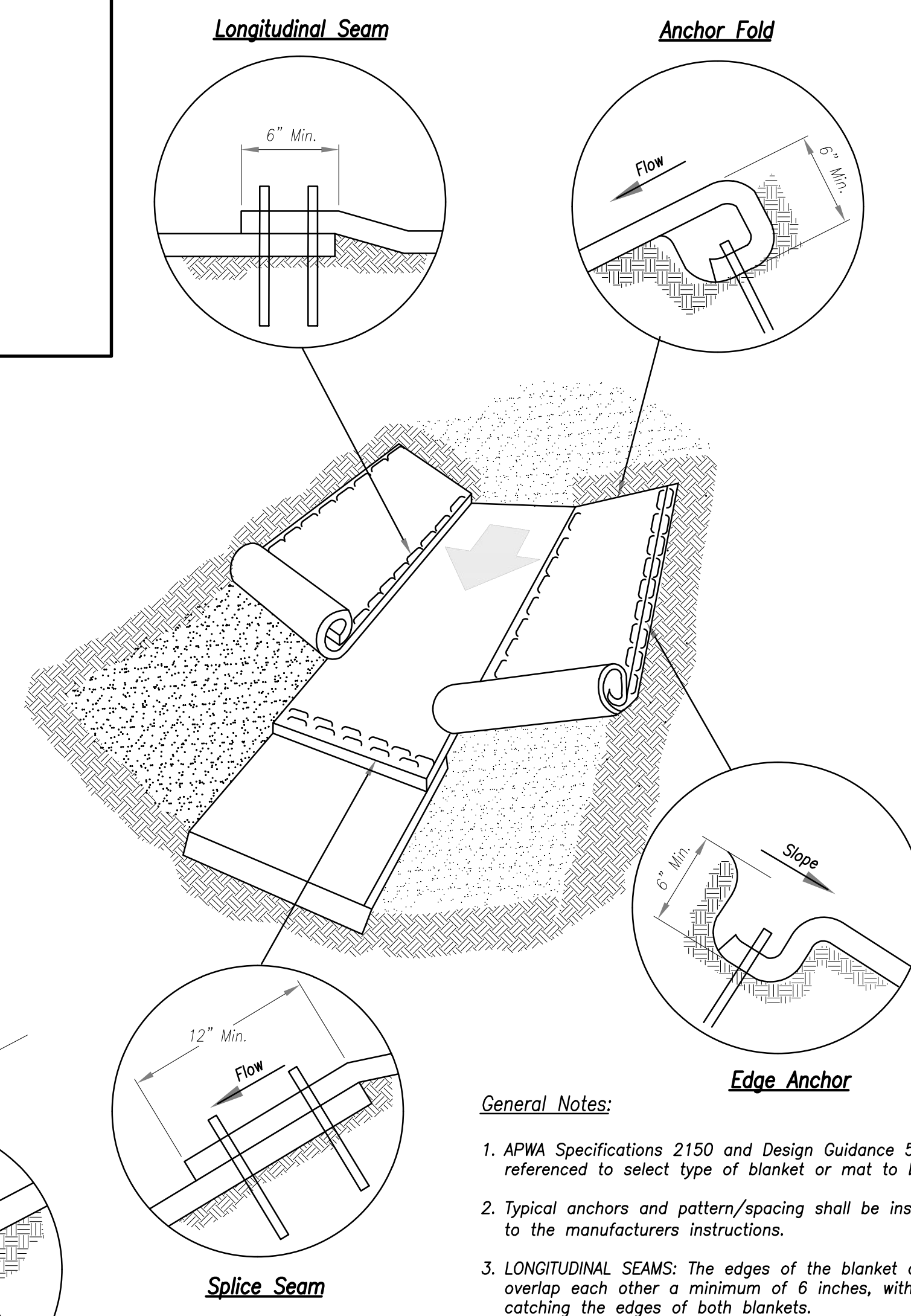
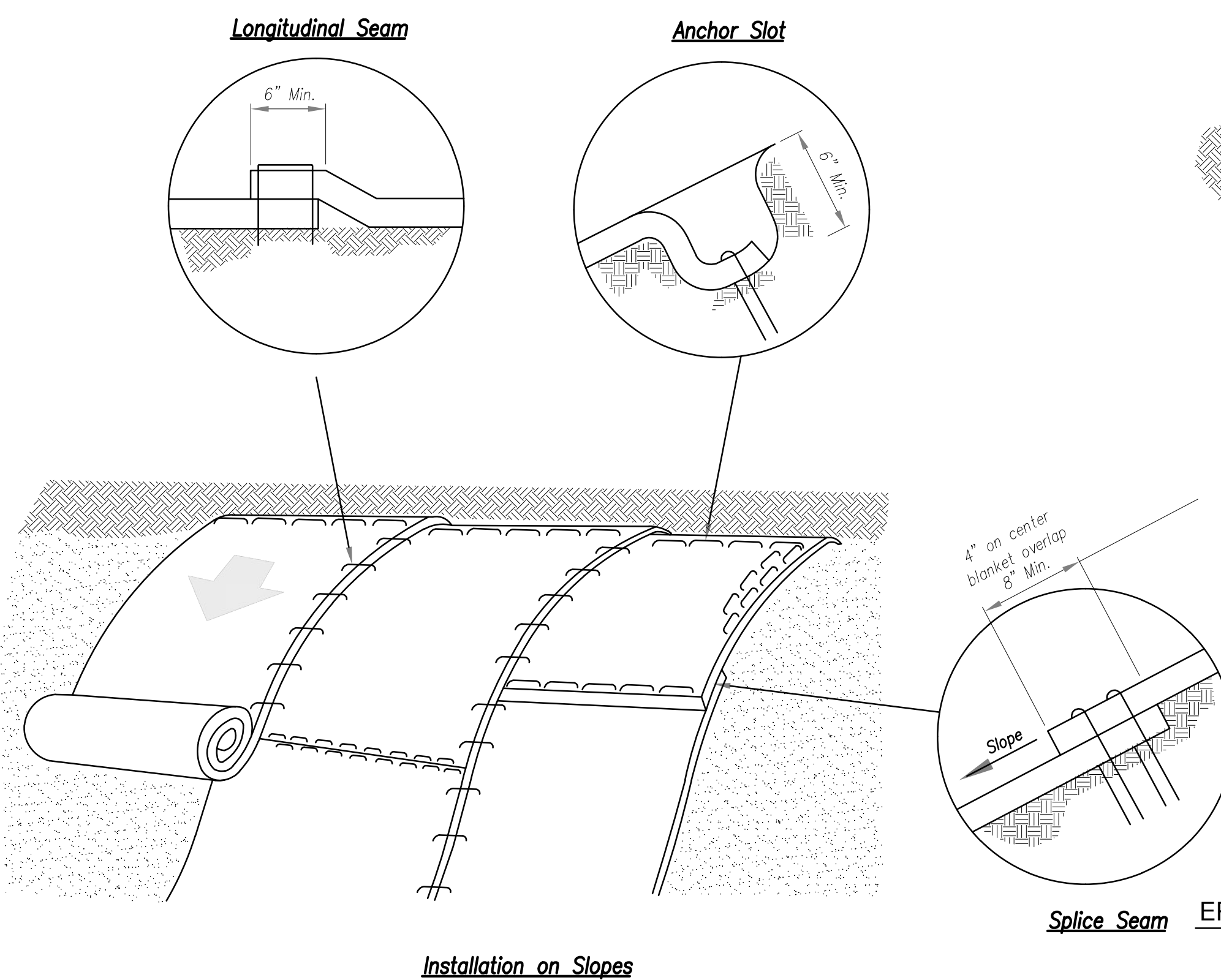
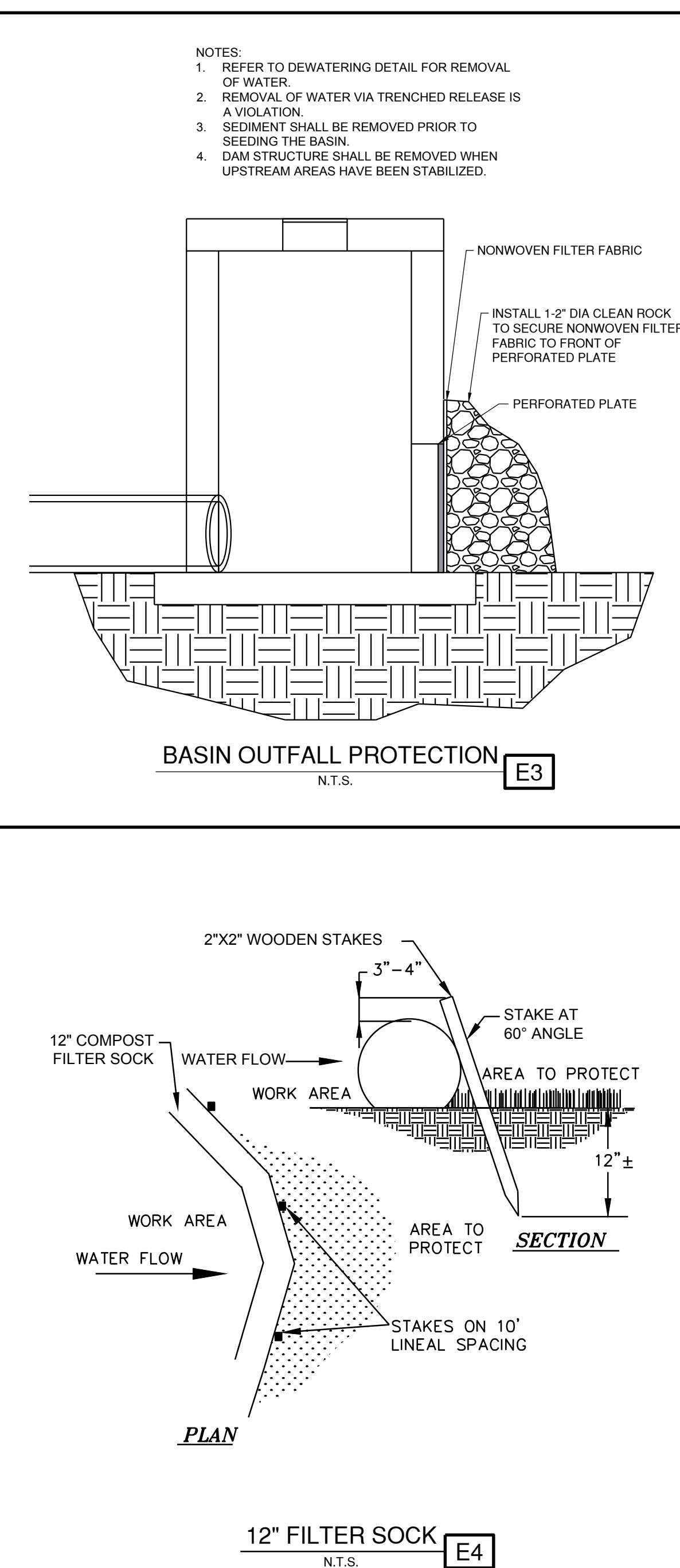
LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

MARK	DATE	DESCRIPTION
PROJECT NO: 47732472		
CAD DWG FILE: EROSION CONTROL PLAN-PHASE 2		
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EROSION CONTROL
PLAN-PHASE 2

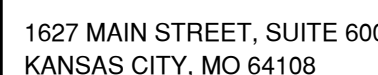
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SHEET 035 OF 131

[illegible]

Installation in Channels

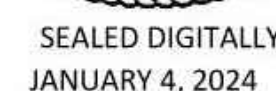
1. Torn or degraded product shall be repaired or replaced, unless such degradation is within the functional longevity specified by the manufacturer.
2. Edges or seams that are loose or frayed shall be secured.



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EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK	DATE	DESCRIPTION
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PROJECT NO: 47732472
CAD DWG FILE: TYPICAL SECTIONS PLAN VIEW
DESIGNED BY: WLC
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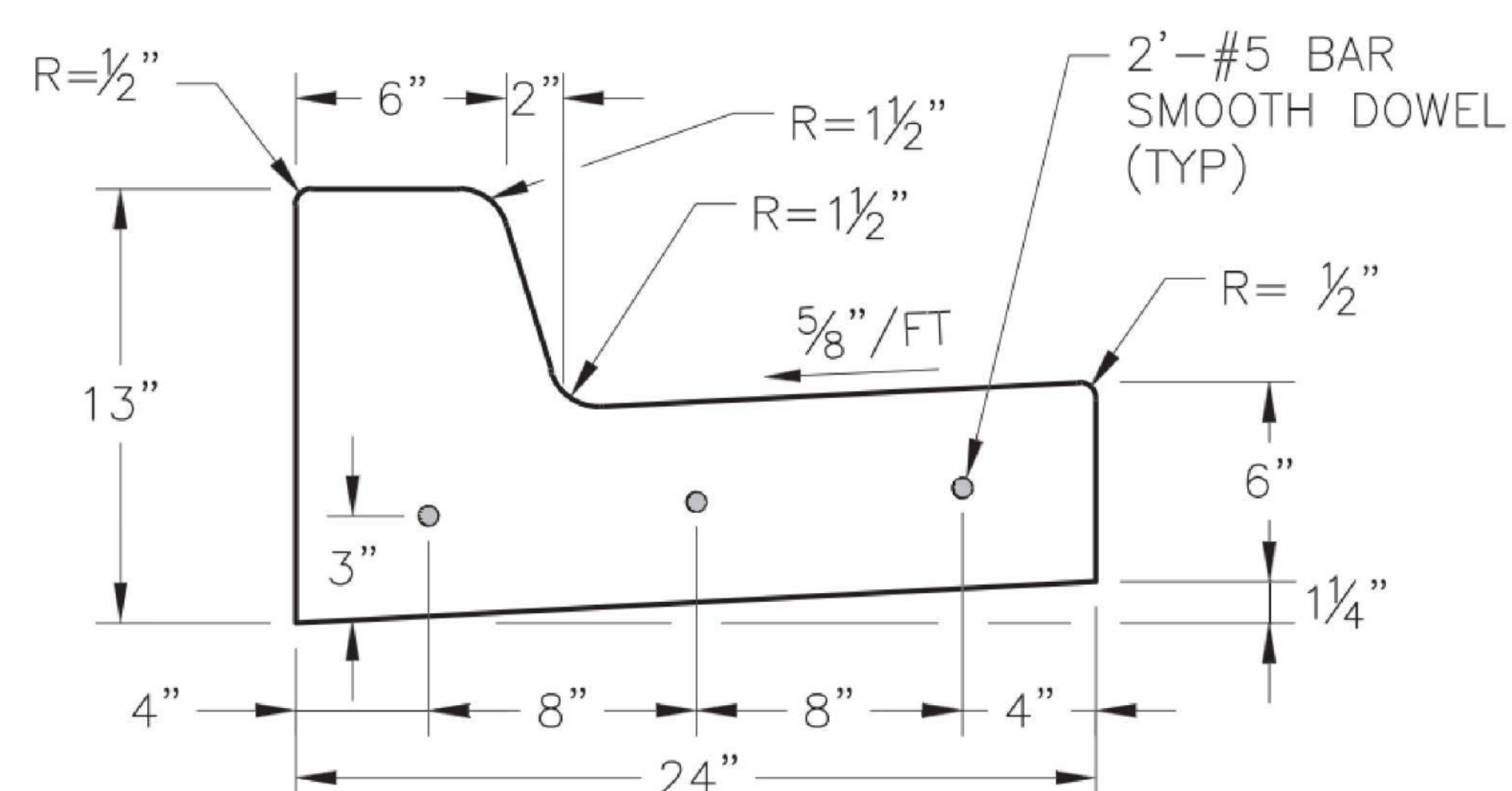
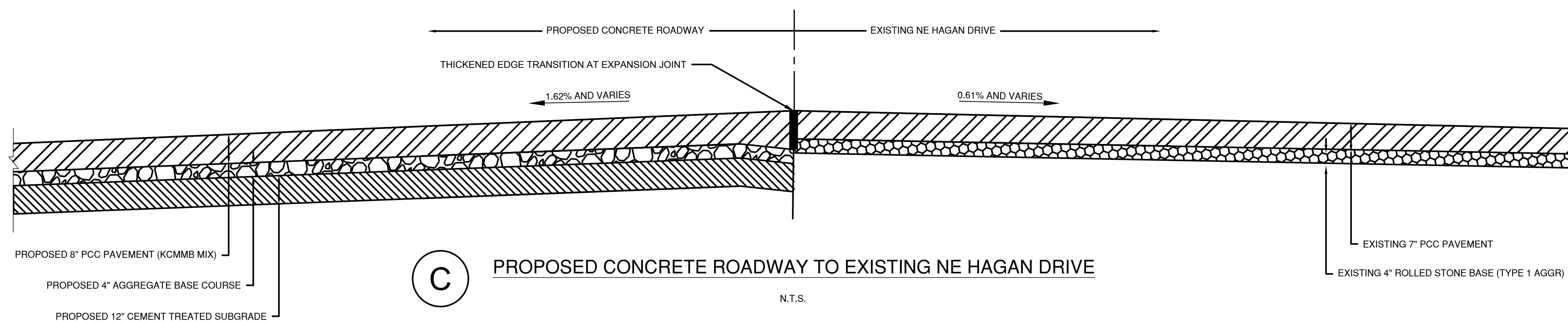
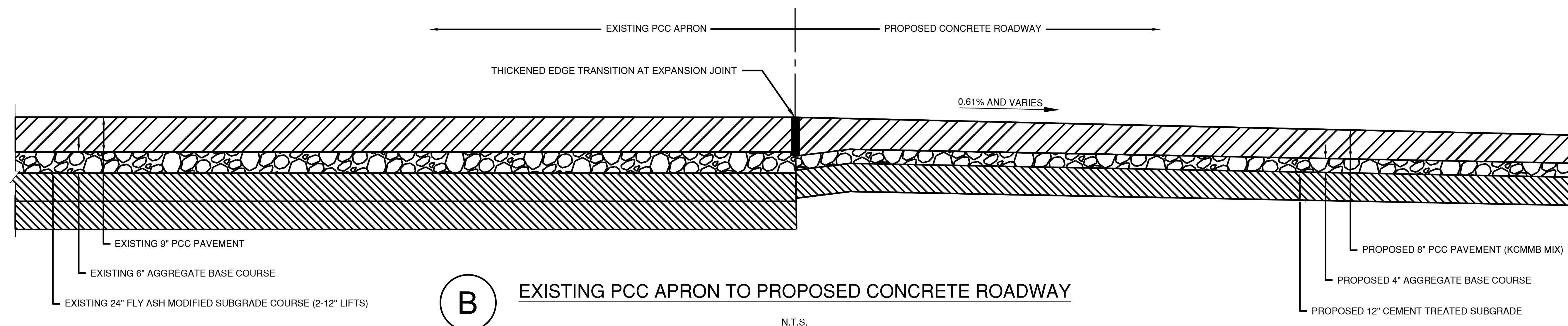
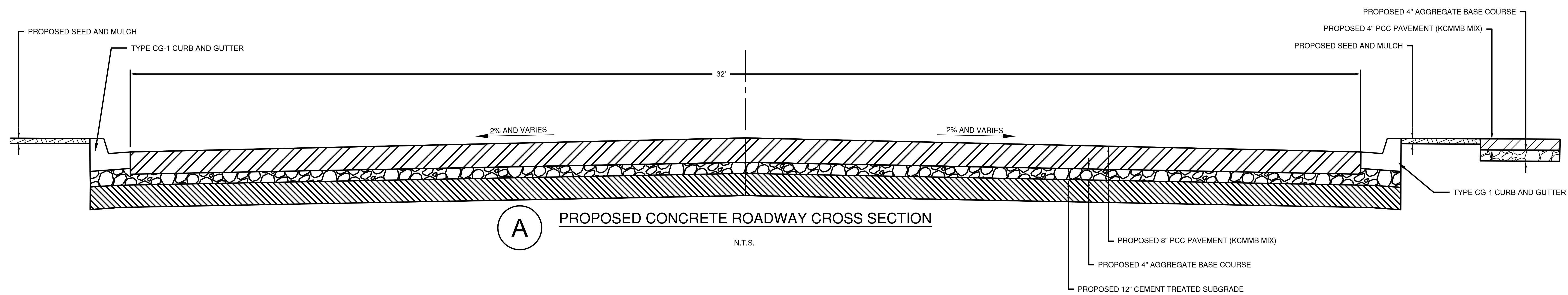
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C126

SHEET 037 OF 131

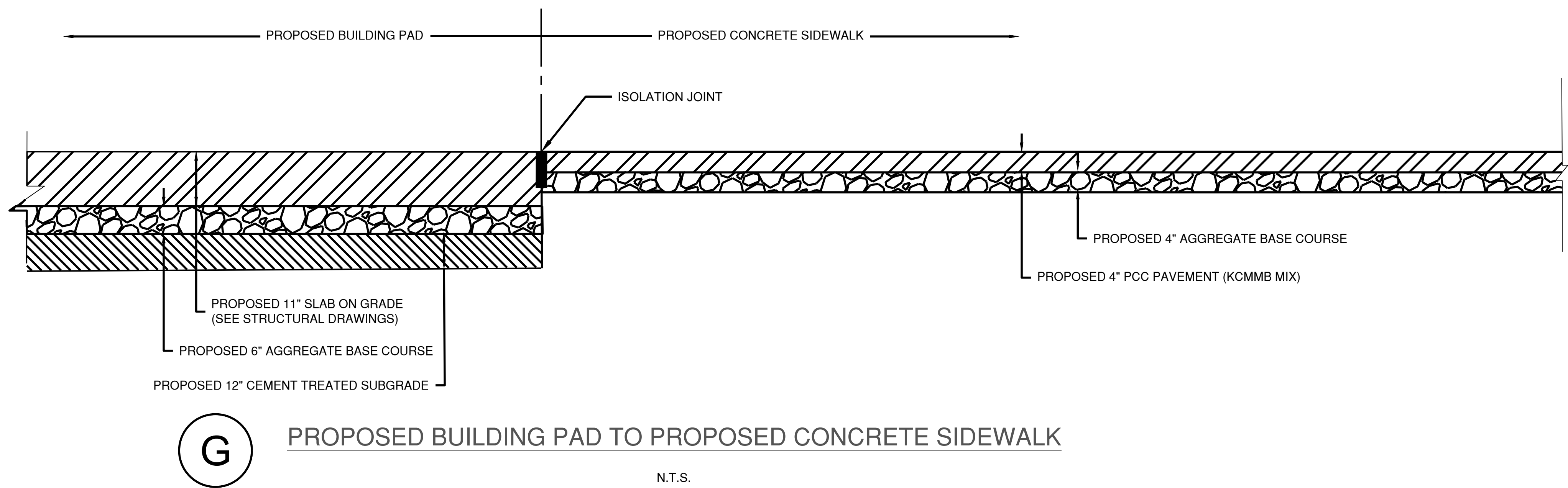
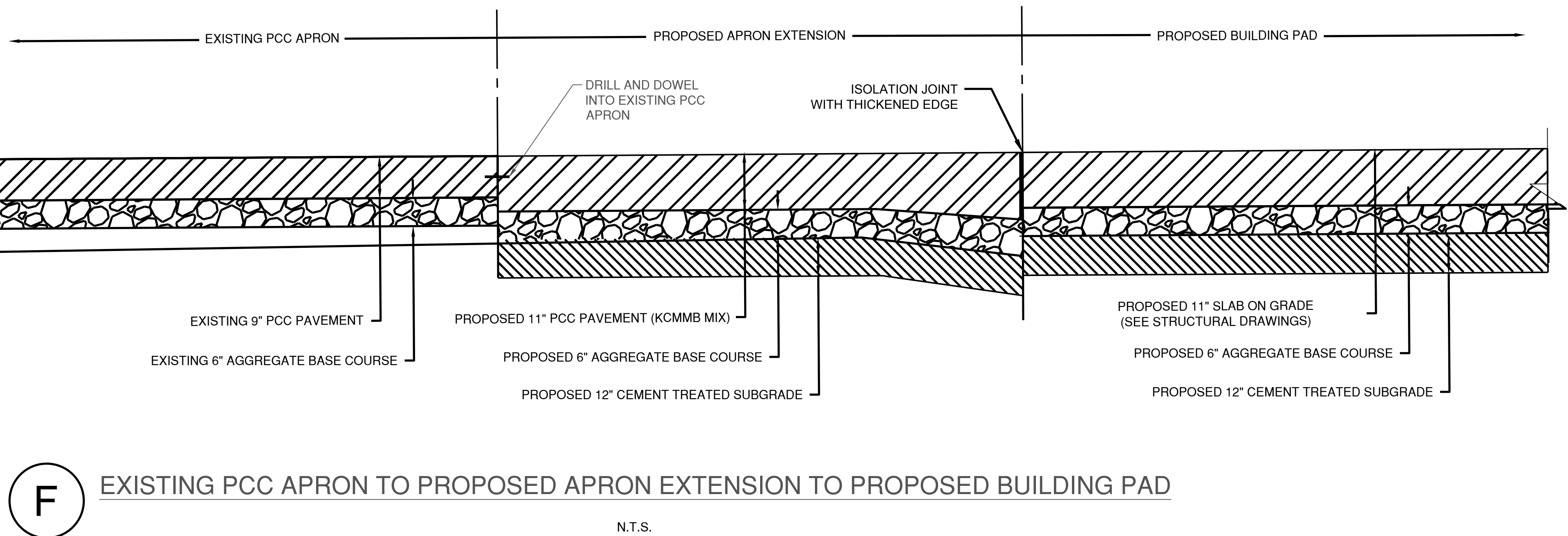
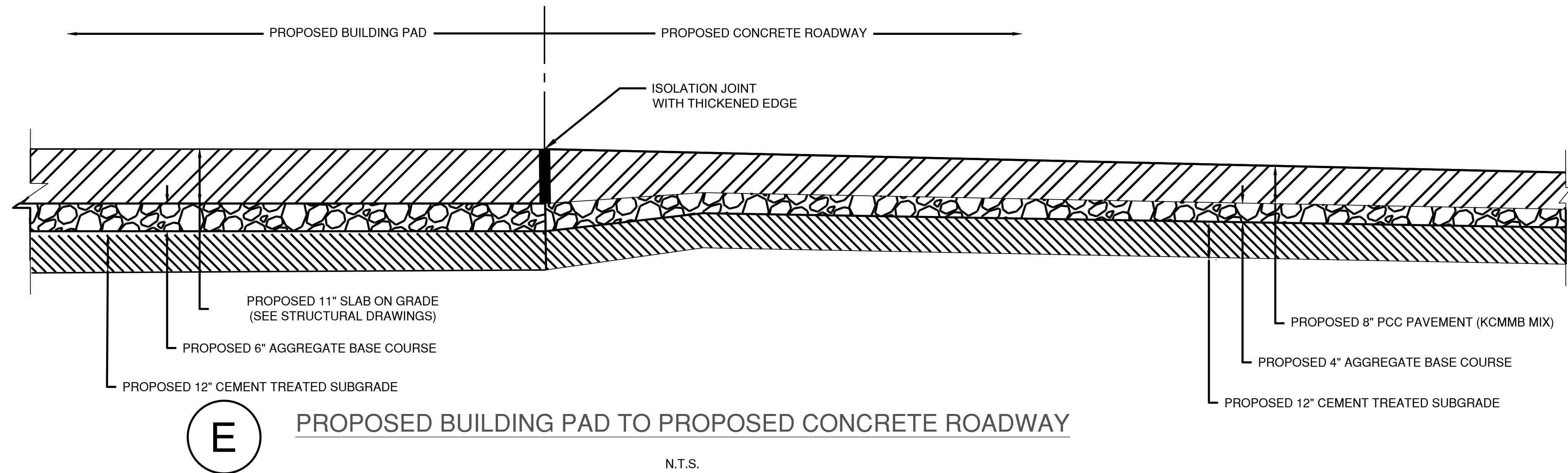


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- NOTES:
1. $\frac{1}{2}$ " EXPANSION JOINTS WITH 2" DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWELS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
 2. 1" DEEP CONTRACTION JOINTS SHALL BE INSTALLED TO MATCH TRANSVERSE JOINTS OF THE ADJACENT PAVEMENT. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
 3. FIX DOWELS WITH BAR SUPPORTS
 4. CONCRETE SHALL CONFORM TO MCIB NO WA6401-I-4 UNLESS OTHERWISE SPECIFIED IN THE PLANS AND PROJECT MANUAL. SEE SECTION 02290 - CURBING.
 5. AT CENTER MARKS - USE $\frac{1}{8}$ " $\emptyset$ X 2" SMOOTH DOWELS AT LOCATIONS SHOWN ON EACH TYPICAL SECTION.
 6. DEPTH OF CURB SHALL BE MINIMUM OF 8" THRU THE HANDICAP ACCESS RAMP.

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Date: Wednesday, January 3, 2024 17:28:34



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



1627 MAIN STREET, #100
KANSAS CITY, MO 64108



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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
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PROJECT NO:	47732472
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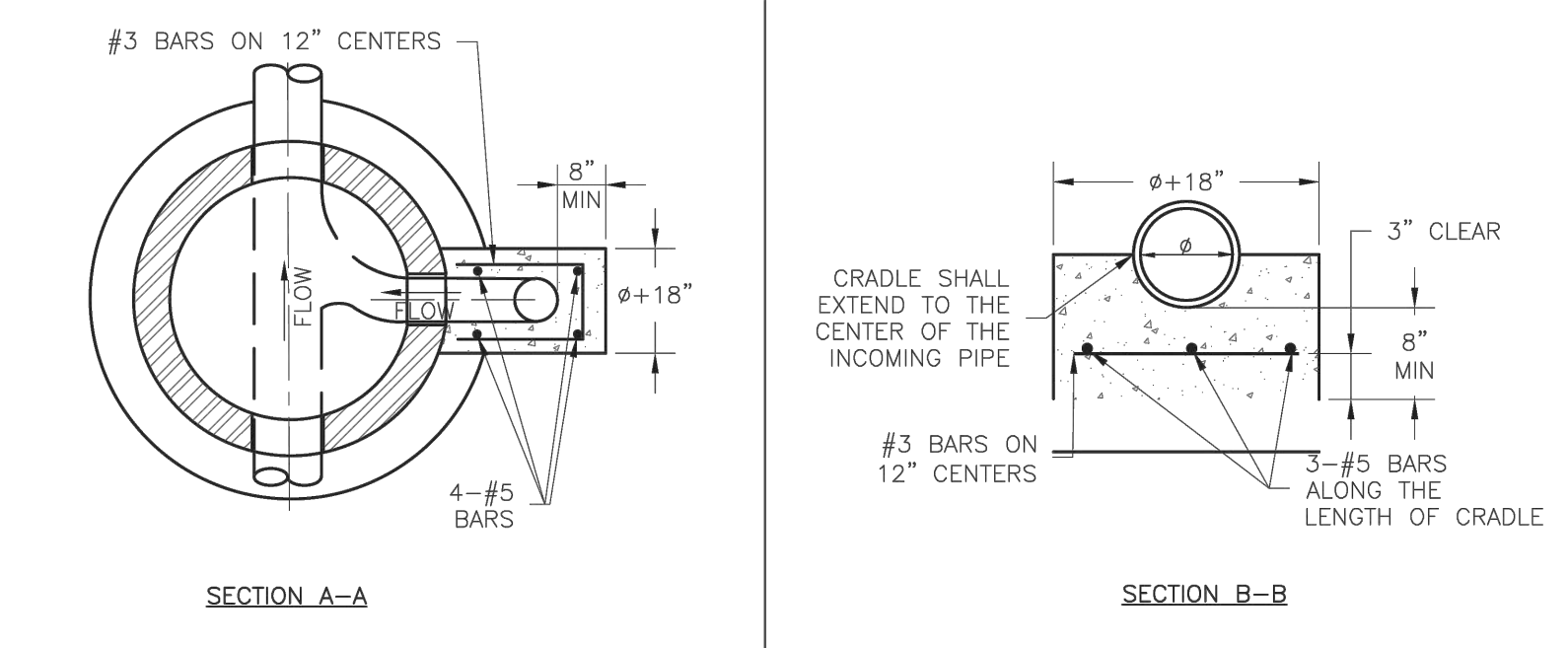
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C128

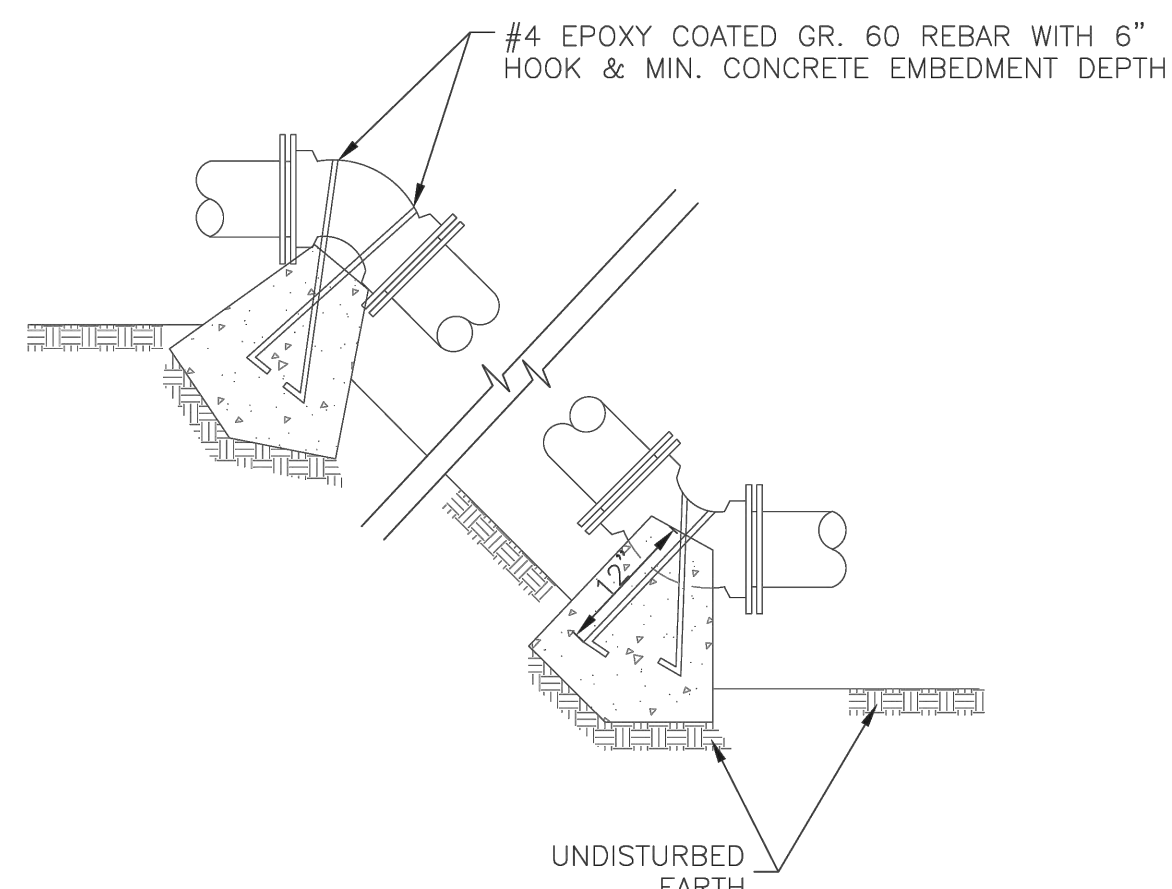
SHEET 039 OF 131

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City of Lee's Summit
Development Services Department
Lee's Summit, Missouri
00140024

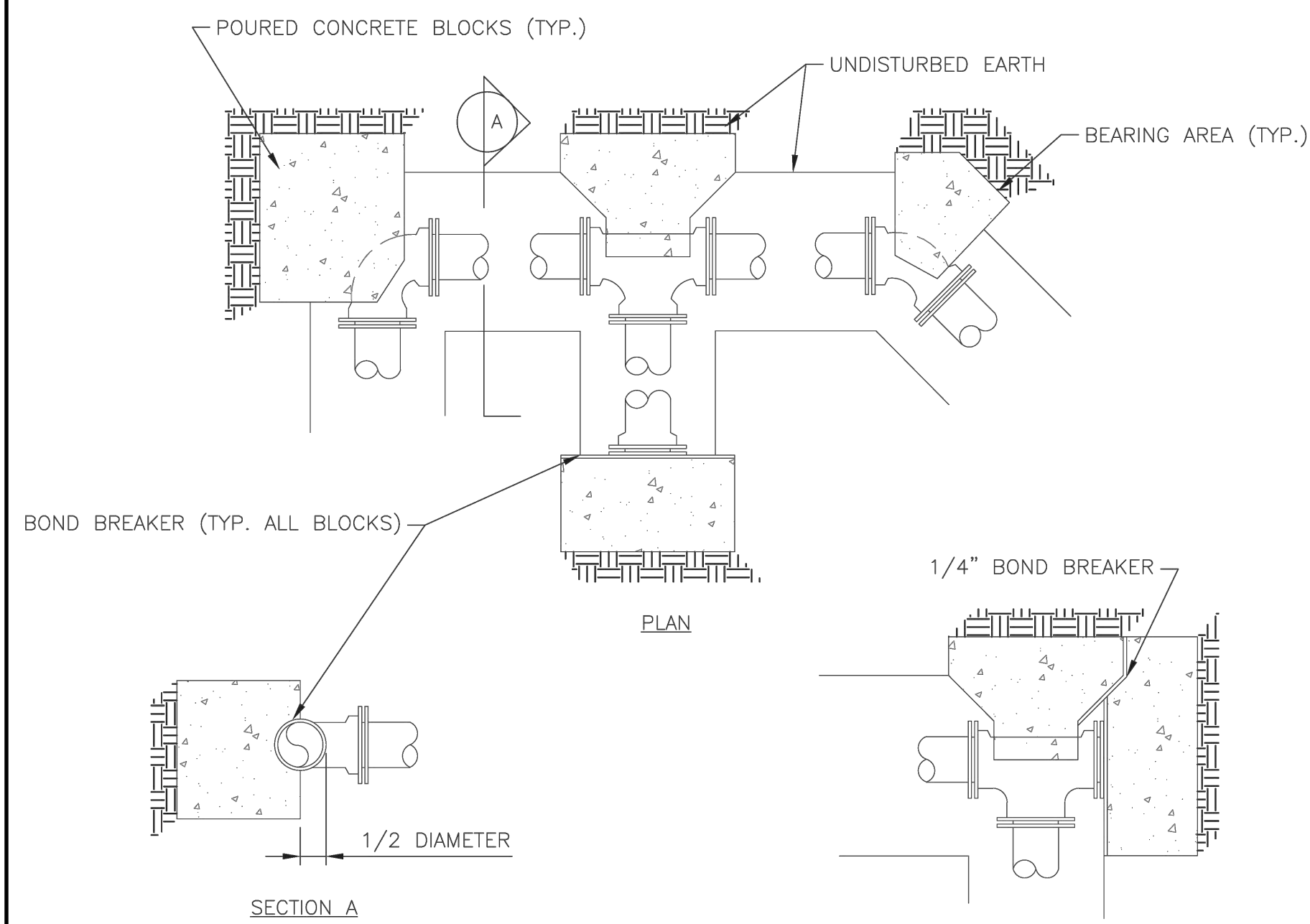
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STANDARD OUTSIDE DROP MANHOLE D1
N.T.S.



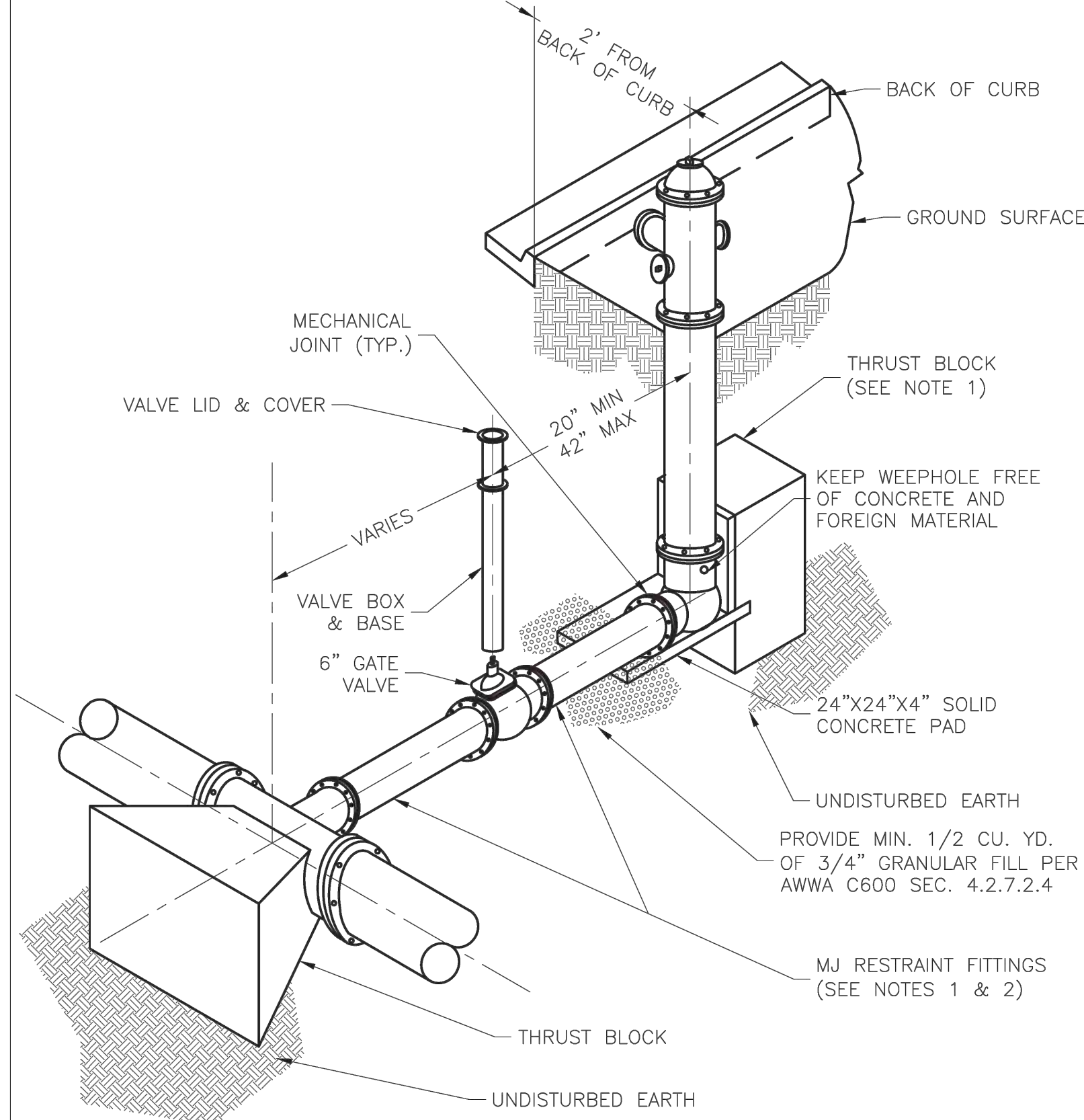
VERTICAL THRUST BLOCK D3
N.T.S.



REQUIRED CONCRETE BEARING AREA (SQUARE FEET - SF)					
NOM. DIA. (INCHES)	180 TEE, PLUG	90 BEND	45 BEND	22.5 BEND	11.25 BEND
6	4.7	6.7	4.0	4.0	4.0
8	8.4	11.8	6.4	4.0	4.0
10	13.1	18.5	10.0	5.1	4.0
12	18.8	26.7	14.4	7.4	4.0
14	25.7	36.3	19.6	10.0	5.0
16	33.5	47.4	25.6	13.1	6.6
18	42.4	59.1	32.5	16.5	8.3
20	REST. JT.	REST. JT.	40.1	20.4	10.3
24	REST. JT.	REST. JT.	REST. JT.	29.4	14.8

- NOTES:
1. ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT.
 2. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.
 3. BEARING AREA MUST BE AGAINST UNDISTURBED SOIL.
 4. DO NOT COVER JOINTS OR BOLTS (WHERE APPLICABLE) WITH CONCRETE.

HORIZONTAL THRUST BLOCK D5
N.T.S.



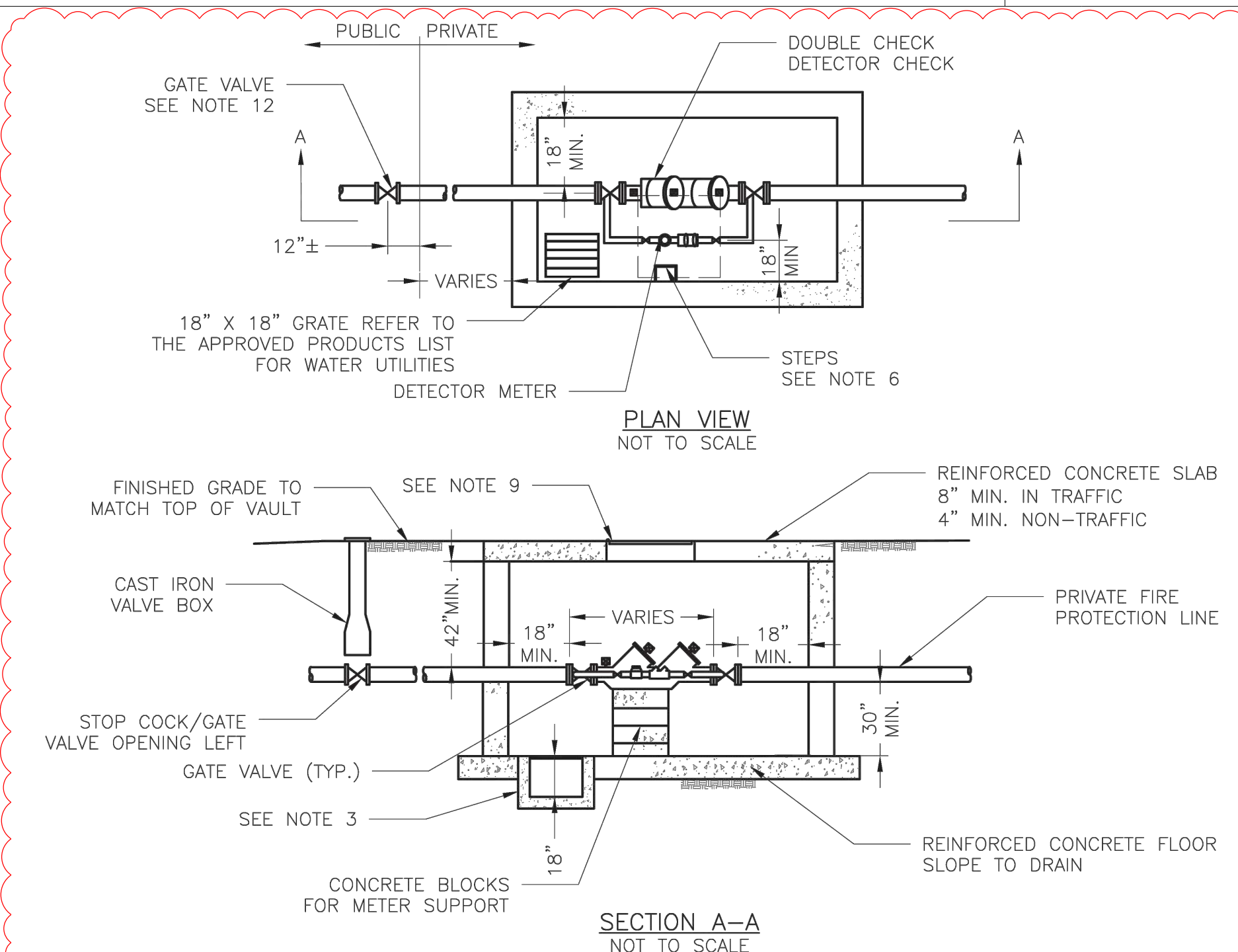
- NOTES:
1. WHEN RETAINER GLANDS ARE USED IN LIEU OF MECHANICAL JOINT (MJ) RESTRAINT FITTINGS, HORIZONTAL THRUST BLOCKS ARE REQUIRED.
 2. GATE VALVE MAY BE BOLTED DIRECTLY TO MJ RESTRAINT TEE.
 3. SEE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR FIRE HYDRANT, VALVES, VALVE BOX LID, AND COVER.
 4. BOTTOM HYDRANT FLANGE SHALL BE 2" TO 6" ABOVE FINISHED GRADE.
 5. FOR STREETS WITHOUT CURBS FIRE HYDRANTS SHALL BE PLACED WITHIN 1 FOOT OF THE R/W LINE, BUT NOT MORE THAN 10' FROM EDGE OF PAVEMENT. FIRE HYDRANT SHALL NOT BE PLACED IN BOTTOM OF DITCH.
 6. HYDRANT SHALL BE ROTATED AS DIRECTED BY INSPECTOR.

FIRE HYDRANT ASSEMBLY DETAIL D2
N.T.S.

REQUIRED CONCRETE VOLUME (CUBIC FEET - CF)					
NOM. DIA. (INCHES)	180 TEE, PLUG	90 BEND	45 BEND	22.5 BEND	11.25 BEND
6	50.5	71.4	38.6	19.7	9.9
8	89.8	126.9	68.7	35.0	17.6
10	140.2	198.3	107.3	54.7	27.5
12	202.0	284.8	154.8	78.8	39.6
14	REST. JT.	REST. JT.	210.4	107.3	53.9
16	REST. JT.	REST. JT.	REST. JT.	140.1	70.4
18	REST. JT.	REST. JT.	REST. JT.	177.3	89.1
20	REST. JT.	REST. JT.	REST. JT.	REST. JT.	110.0
24	REST. JT.	REST. JT.	REST. JT.	REST. JT.	158.4

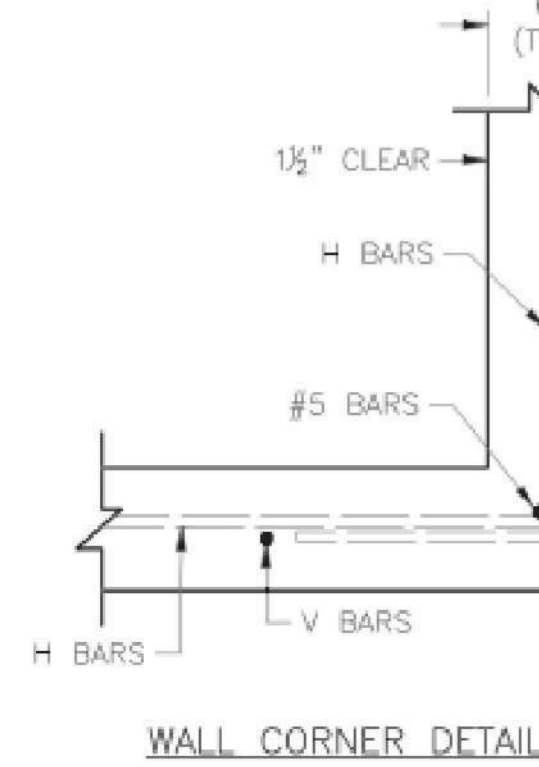
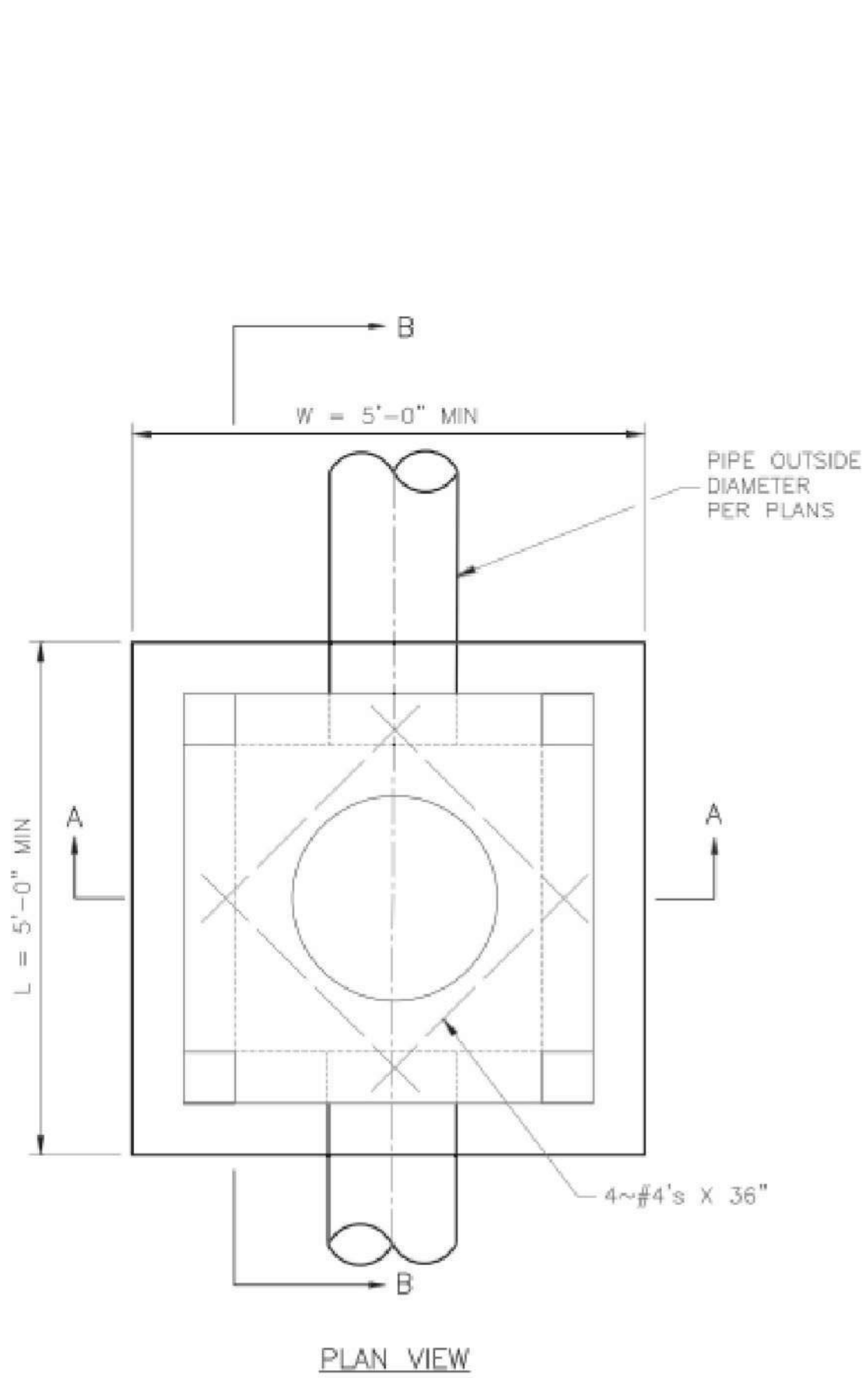
- NOTES:
1. ALL BENDS WITHOUT RESTRAINED JOINTS SHALL HAVE CONCRETE THRUST BLOCKS INSTALLED FOR RESTRAINT.
 2. MEGA LUGS MAY BE USED ONLY IN CONJUNCTION WITH CONCRETE THRUST BLOCKING.
 3. BEARING MUST BE AGAINST UNDISTURBED SOIL.
 4. DO NOT COVER JOINTS OR BOLTS (WHERE APPLICABLE) WITH CONCRETE.

VERTICAL THRUST BLOCK D3
N.T.S.

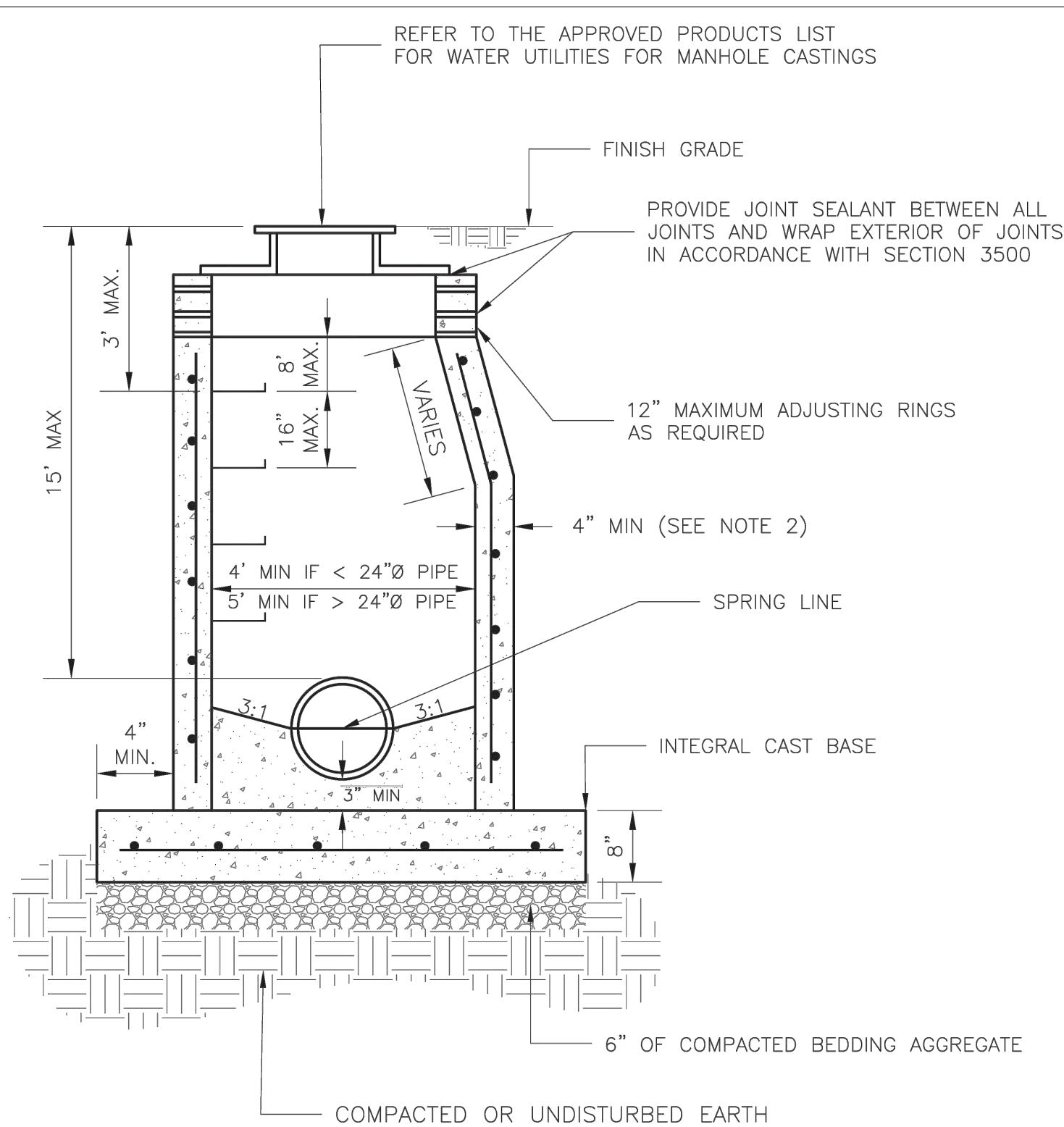


- GENERAL NOTES:
1. METER VAULT WALLS TO BE POURED OR PRECAST CONCRETE.
 2. METER VAULT ROOF TO BE REINFORCED CONCRETE OPENING CENTERED OVER DETECTOR METER.
 3. METER VAULT TO BE LOCATED, WHEN POSSIBLE, OUTSIDE TRAFFIC AREA WHERE SURFACE WATER WILL NOT DRAIN INTO IT. VAULT MUST BE KEPT FREE OF WATER. PROVIDE CONCRETE SUMP AS A MINIMUM, WHERE PRACTICAL, PROVIDE A 2" PIPE DRAIN WITH AN ABOVE-GROUND DISCHARGE POINT. PROJECT OWNER MAY DESIRE A PERMANENTLY INSTALLED SUMP PUMP.
 4. ALL PIPE SHALL BE DUCTILE IRON CLASS 50. ALL PIPE FITTINGS FROM THE CITY WATER MAIN THROUGH THE VAULT SHALL BE PROVIDED WITH RESTRAINED JOINT FITTINGS.
 5. ALL FITTINGS TO BE BRASS.
 6. STEPS SHALL BE IN ACCORDANCE WITH THE APPROVED PRODUCTS LIST FOR WATER UTILITIES AND SHALL BE ON 16" CENTERS.
 7. A DEPARTMENT OF NATURAL RESOURCES APPROVED DOUBLE CHECK DETECTOR CHECK BACKFLOW PREVENTER MUST BE USED. FOR A COPY OF THE MISSOURI DEPARTMENT OF NATURAL RESOURCES APPROVED BACKFLOW PREVENTION ASSEMBLIES, CONTACT THE WATER UTILITIES OPERATIONS DIVISION AT 816-969-1940. AS OF JANUARY 1, 1987, THE DNR REQUIRES FIRE SPRINKLER SYSTEMS USING CHEMICALS TO HAVE A DNR APPROVED PRESSURE BACKFLOW PREVENTER INSTALLED, PRIOR TO THE MIXING POINT.
 8. ALL VALVES SHALL HAVE RISING STEMS.
 9. FOR MANHOLE COVERS, SELECT A MANHOLE FOUND ON THE APPROVED PRODUCTS LIST FOR WATER UTILITIES SUITABLE FOR EITHER TRAFFIC OR NON-TRAFFIC CONDITIONS.
 10. A MINIMUM OF 18" CLEARANCE SHALL BE PROVIDED AROUND ALL PIPING, VALVES, APPURTENANCES, ETC.
 11. METER SHALL BE OWNED AND MAINTAINED BY THE WATER UTILITIES DEPARTMENT.
 12. IF PUBLIC WATER IS LOCATED ON THE OPPOSITE SIDE OF THE STREET, THEN THE PUBLIC WATER MAIN RESPONSIBILITY OF THE WATER UTILITIES DEPARTMENT ENDS AT THE GATE VALVE NEAREST THE VAULT.

BACKFLOW PREVENTION VAULT D15
N.T.S.

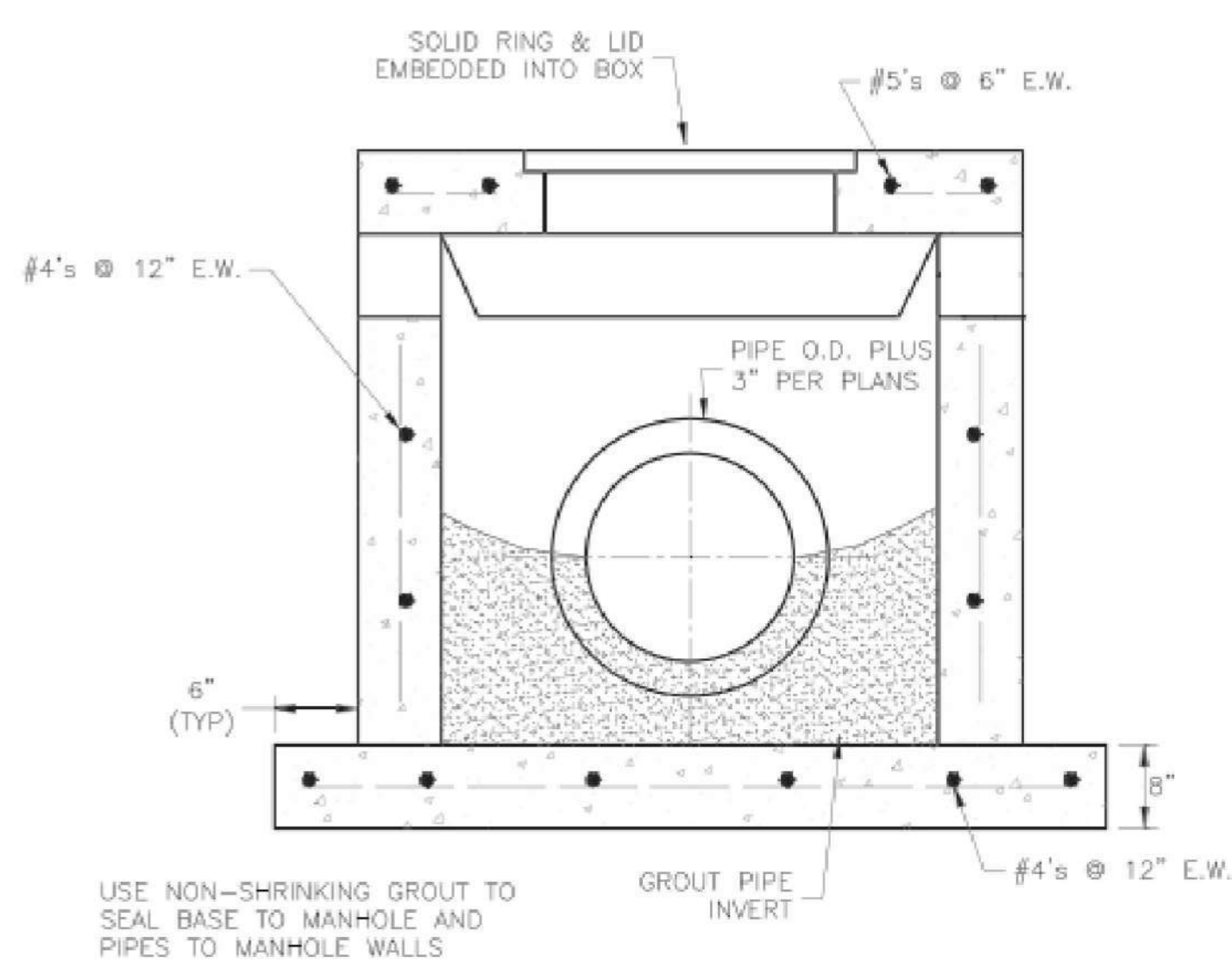
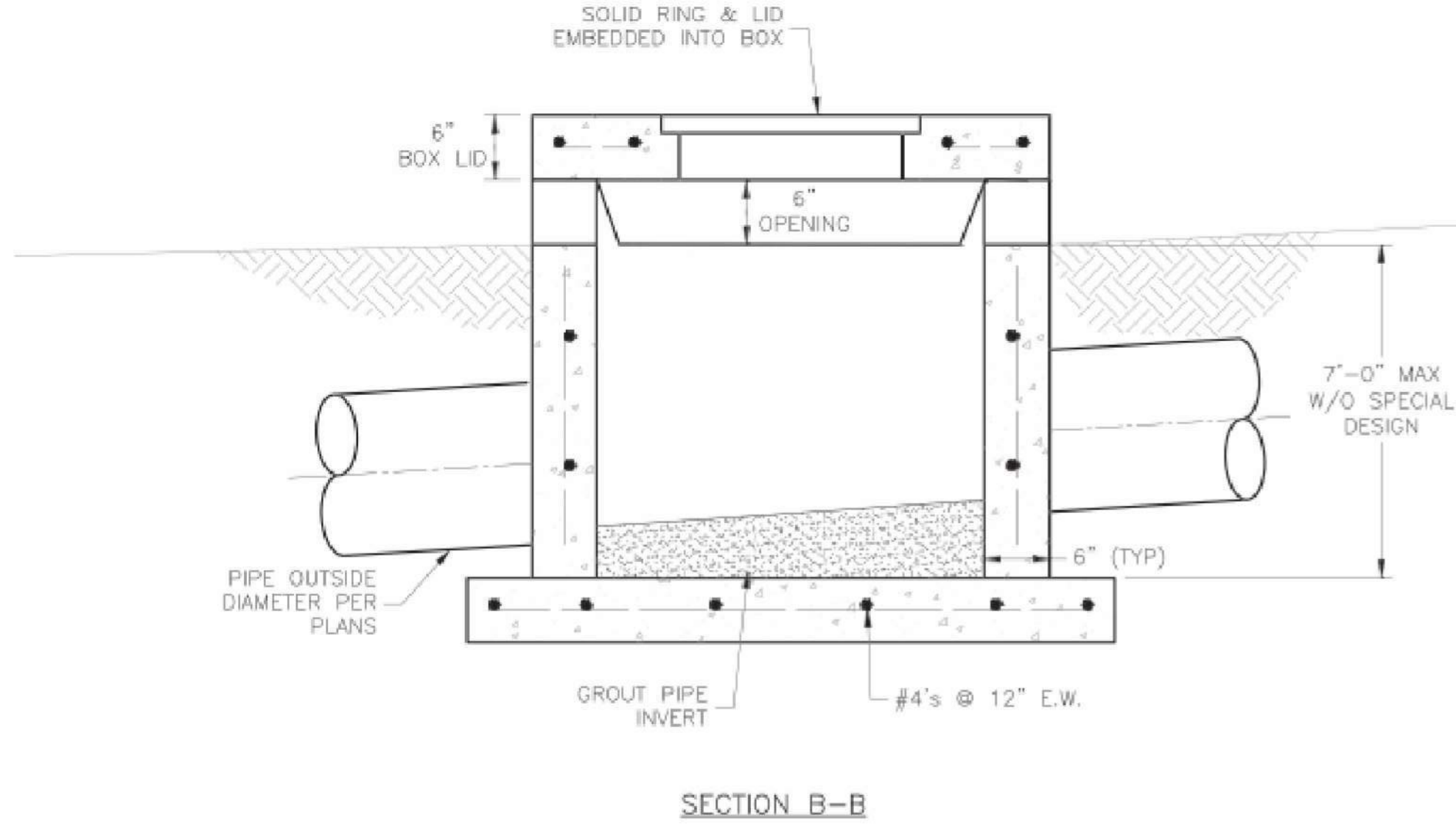


WALL CORNER DETAIL



- NOTES:
1. PRECAST CONCRETE MANHOLES SHALL CONFORM TO ASTM C478 EXCEPT AS MODIFIED BY THE SPECIFICATIONS.
 2. A WALL THICKNESS NOT LESS THAN ONE-TWELFTH (1/12) OF THE INSIDE DIAMETER OR 4", WHICHEVER IS GREATER, SHALL BE USED WHEN THE MANHOLE DEPTH IS LESS THAN 15'.
 3. WATERPROOFING SHALL BE REQUIRED ON THE OUTSIDE OF MANHOLES. THE WATERPROOFING SHALL CONSIST OF A TOTAL DRY FILM THICKNESS OF NOT LESS THAN 14 MILS OF BITUMINOUS COATING.
 4. ONLY ECCENTRIC MANHOLE CONES WILL BE ALLOWED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
 5. THE FILL CONCRETE FLOW CHANNEL FOR SIDE BRANCHES SHALL BE PLACED TO PROVIDE A SMOOTH TRANSITION INTO THE FLOW LINE.
 6. REFER TO THE APPROVED PRODUCTS LIST FOR WATER UTILITIES FOR APPROVED MANHOLE GASKET MODELS.
 7. REFER TO THE APPROVED PRODUCTS LIST FOR APPROVED STEPS.

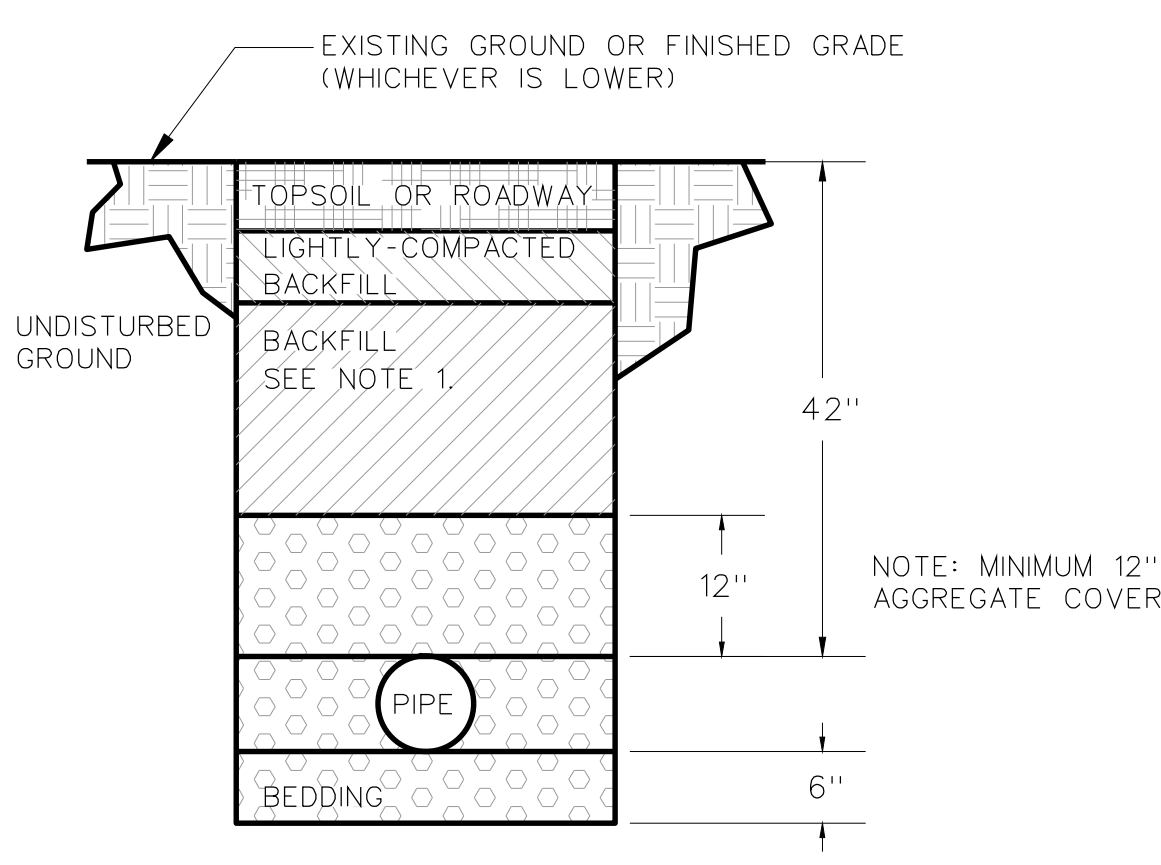
STANDARD SANITARY PRECAST MANHOLE D6
N.T.S.



SECTION A-A

STANDARD STORM SEWER INLET DETAIL D4
N.T.S.

- GENERAL NOTES:
1. LOCATE RING AND COVER OVER OUTLET ON BLANK WALL.
 2. USE 3/4" CHAMFER ON ALL EXPOSED CONCRETE CORNERS.
 3. FLOOR OF INLET GROUTED AND SHAPED TO MATCH PIPE INVERT TO PROVIDE SMOOTH FLOW.
 4. STEPS REQUIRED AT 16" O.C. WHEN DEPTH FROM TOP OF CASTING TO INVERT EXCEEDS 3' ON BLANK WALL IF POSSIBLE.
 5. BOXOUTS WILL NOT BE ALLOWED TO PROJECT THROUGH THE CORNERS OF THE STRUCTURE.
 6. THE MINIMUM REINFORCING SHALL BE 1 H-BAR OVER A CAST-IN-PLACE PIPE AND 2 H-BARS OVER A PRECAST BOXOUT.
 7. SHOW FIELD INLET ORIENTATION ON PLANS PLUS NUMBER AND SIDE OF OPENINGS.
 8. PRECAST LIDS SHALL BE PINNED, SEALED WITH NON-SHRINKABLE GROUT AND REMOVABLE FOR FUTURE MAINTENANCE.
 9. FOR RING AND COVER SEE THE STORMWATER APPROVED PRODUCT LIST.



- NOTES:
1. BACKFILL OF ALL PIPES UNDER ROADWAYS, CURB AND GUTTER AND ALL OTHER PAVED AREAS WITHIN THE RIGHT-OF-WAY SHALL CONSIST OF FLOWABLE BACKFILL AS SPECIFIED IN SECTION 2602.2.H MIX DESIGN TYPE: A. THE FLOWABLE FILL SHALL EXTEND TO 2 FEET FROM BACK OF CURB TO 2 FEET BACK OF CURB, UP TO 18 INCHES BELOW FINISHED GRADE. FOR EXISTING ROADWAYS FLOWABLE SHALL BE EXTEND UP TO THE BASE OF PAVEMENT.

TRENCHING AND BACKFILL DETAIL D7
N.T.S.

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Lee's Summit, Missouri
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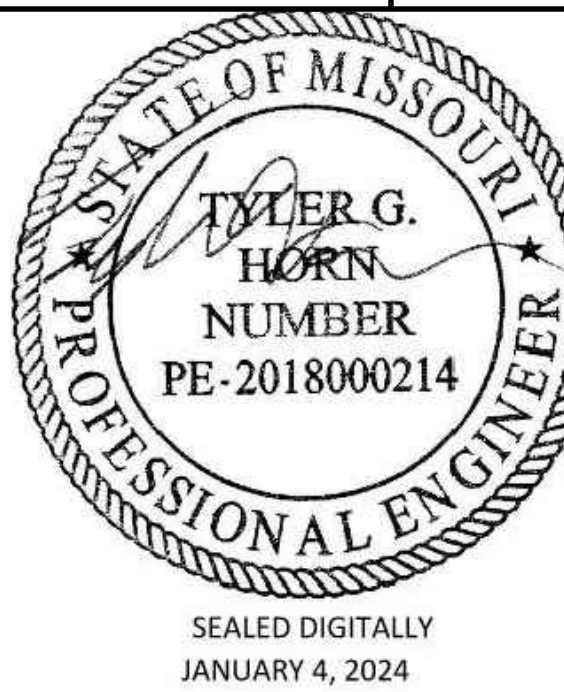


1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
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SHEET TITLE

SITE DETAILS -
SHEET 1

C129

SHEET 040 OF 131

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Date: Wednesday, January 3, 2024 11:22:36

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 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

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

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=1017993.923
E=2825838.519

NEW GATE POST
N=1017980.648
E=2825837.732

NEW GATE POST
N=1017957.399
E=2825836.389

NEW CORNER POST
N=1017668.244
E=2825819.708

NEW CORNER POST
N=1017630.926
E=2826247.028

NEW CORNER POST
N=1017643.520
E=2826247.755

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

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

NEW CORNER POST
N=1018340.843
E=2826300.472

NEW CORNER POST
N=1018356.100
E=2826449.095



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



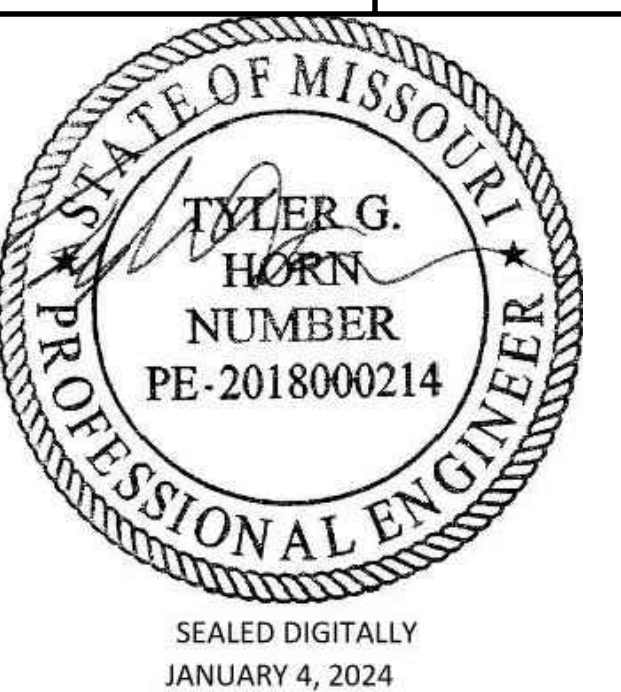
1627 MAIN STREET, #100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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

MARK	DATE	DESCRIPTION
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PROJECT NO:	47732472
CAD DWG FILE:	FENCING PLAN
DESIGNED BY:	WLC
DRAWN BY:	WLC
CHECKED BY:	JRC
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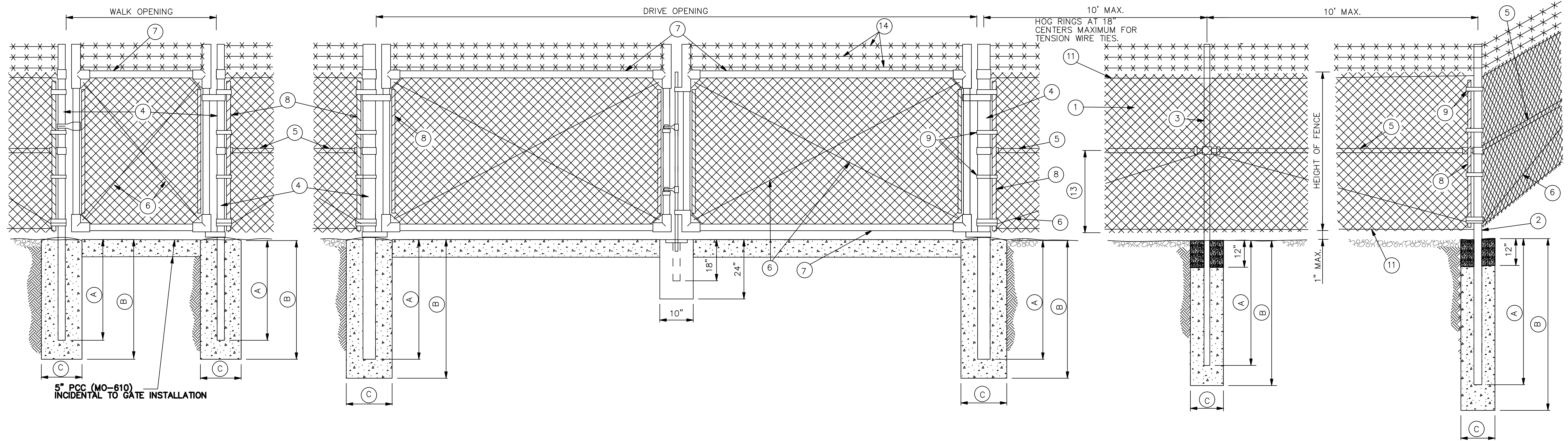
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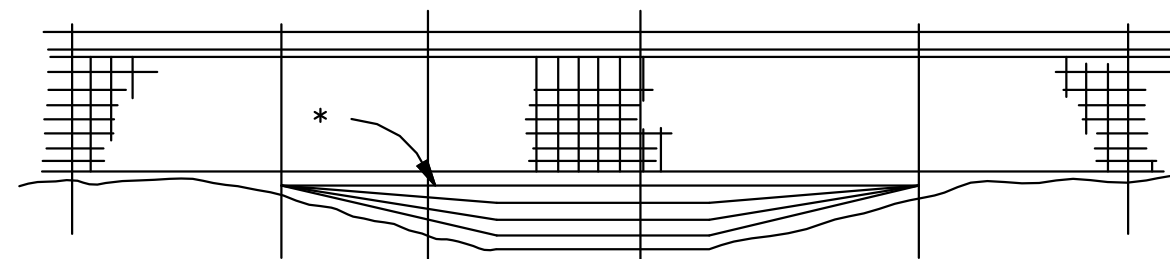
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SHEET 042 OF 131

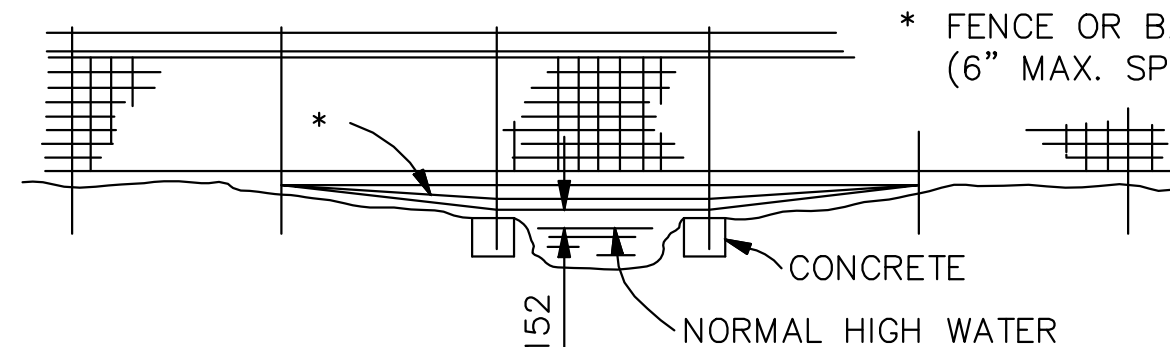
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Lee's Summit, Missouri
03/14/2024



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

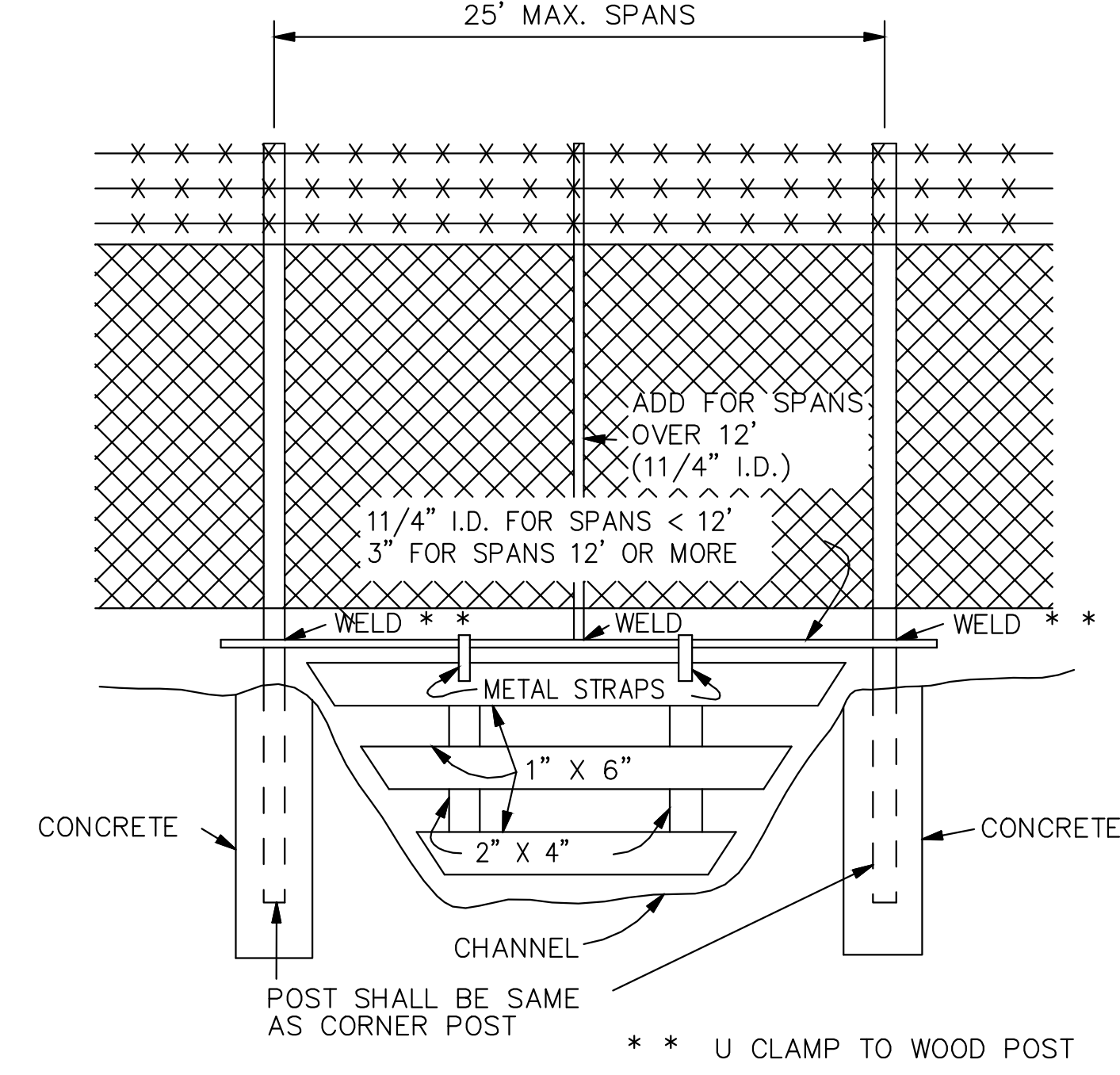


POORLY DEFINED CHANNELS (SMALL DRAINAGE AREAS)

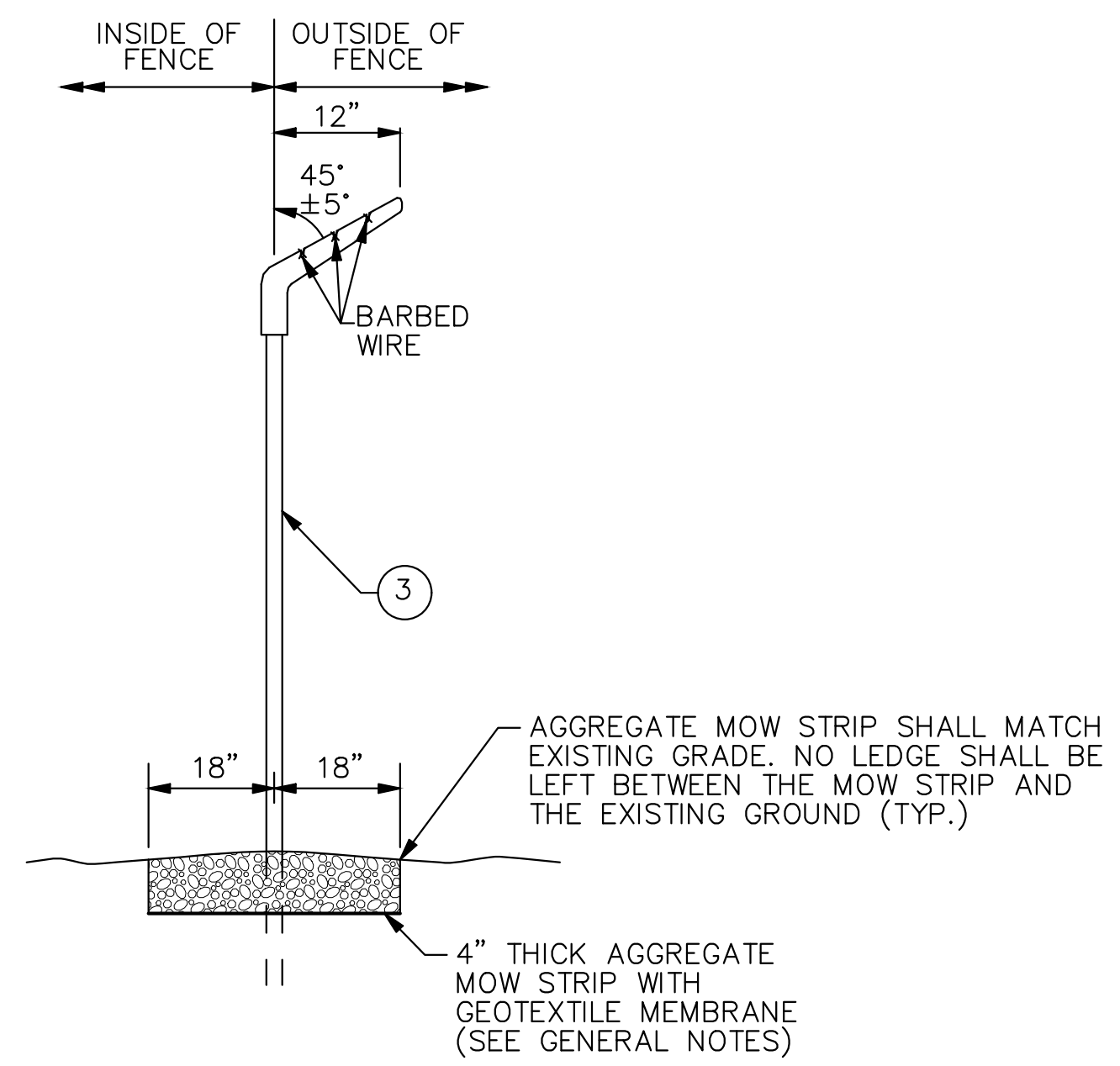


WELL DEFINED CHANNELS (LARGE DRAINAGE AREAS)

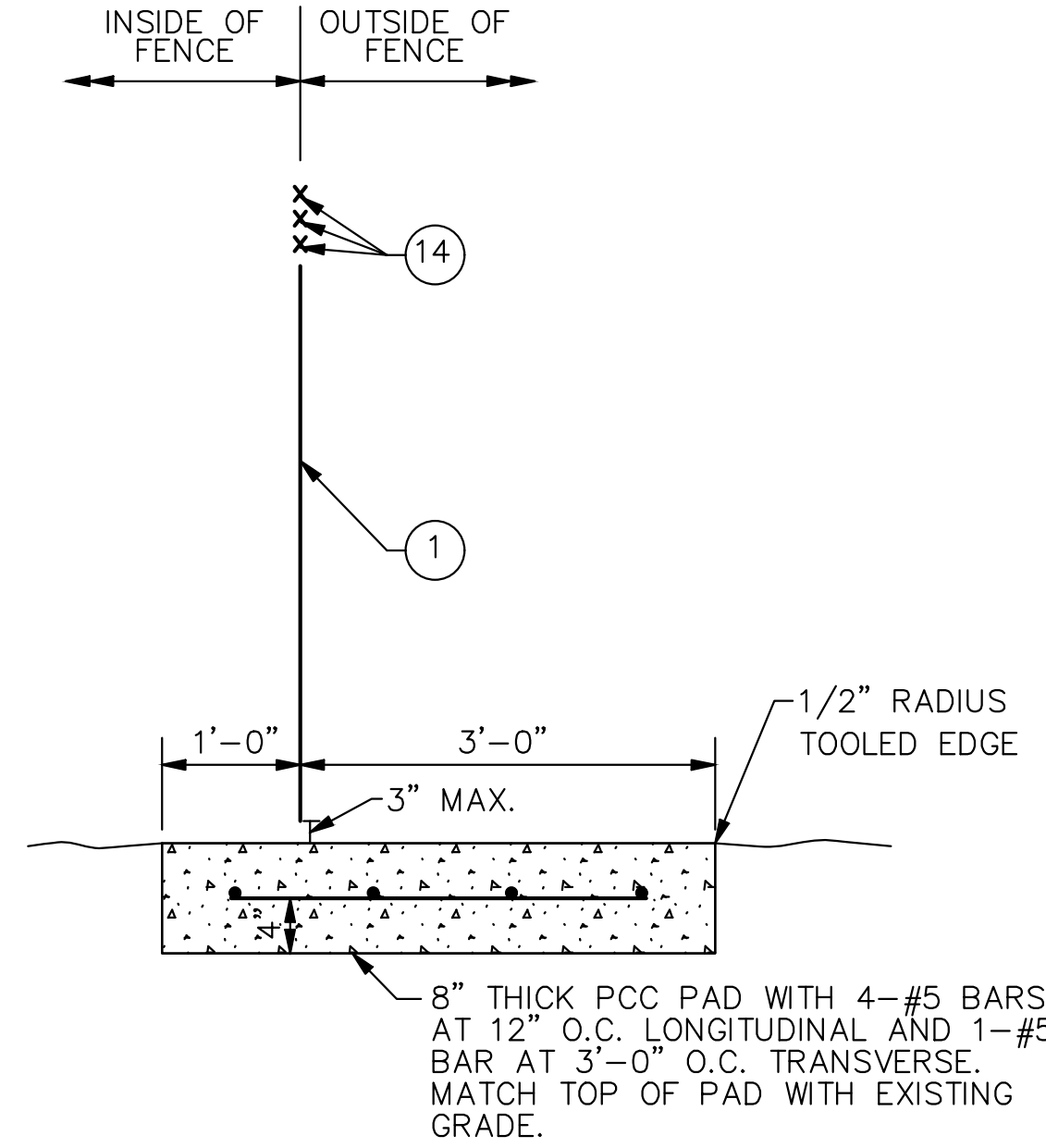
TYPICAL FENCING AT
CHANNEL CROSSING



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

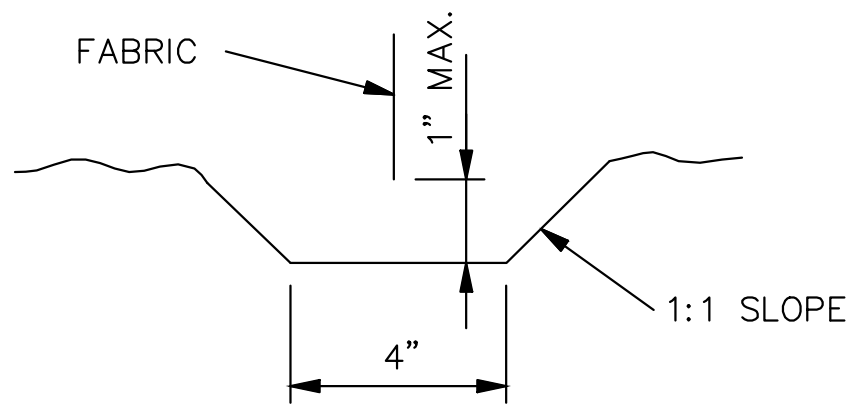
DESCRIPTION		HEIGHT OF FENCE			
		48"	60"	72"	96"
		SIZE (IN.)	SIZE (IN.)	SIZE (IN.)	SIZE (IN.)
② END CORNER & PULL POST	(A)	30"	36"	36"	54"
	(B)	36"	42"	42"	60"
	(C)	10"	12"	12"	14"
③ LINE POST	(A)	24"	27"	36"	48"
	(B)	30"	36"	42"	54"
	(C)	10"	12"	12"	12"
④ GATE POST	(A)	30"	36"	36"	42"
	(B)	36"	42"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

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

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

- 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 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 8oz PER SY. 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.



TYPICAL TRENCH
DETAILS

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
⑤ BRACE	1 18"	8 DIA.	24.70
	N/A	11/4 DIA.	2.27
	N/A	3/8	-
⑥ TRUSS ROD	N/A	11/2 DIA.	2.72
⑦ GATE FRAME	N/A	11/2 DIA.	2.72

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

CHAIN-LINK FENCE

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Lee's Summit, Missouri
03162024

REVISED BY CMT:	DATE: 03-27-2015	EFFECTIVE: 02-01-2007	607.10V	1/1
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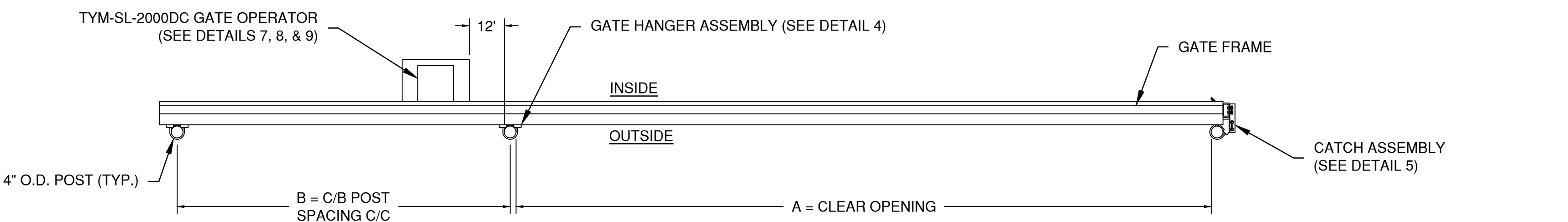
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LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI
EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472

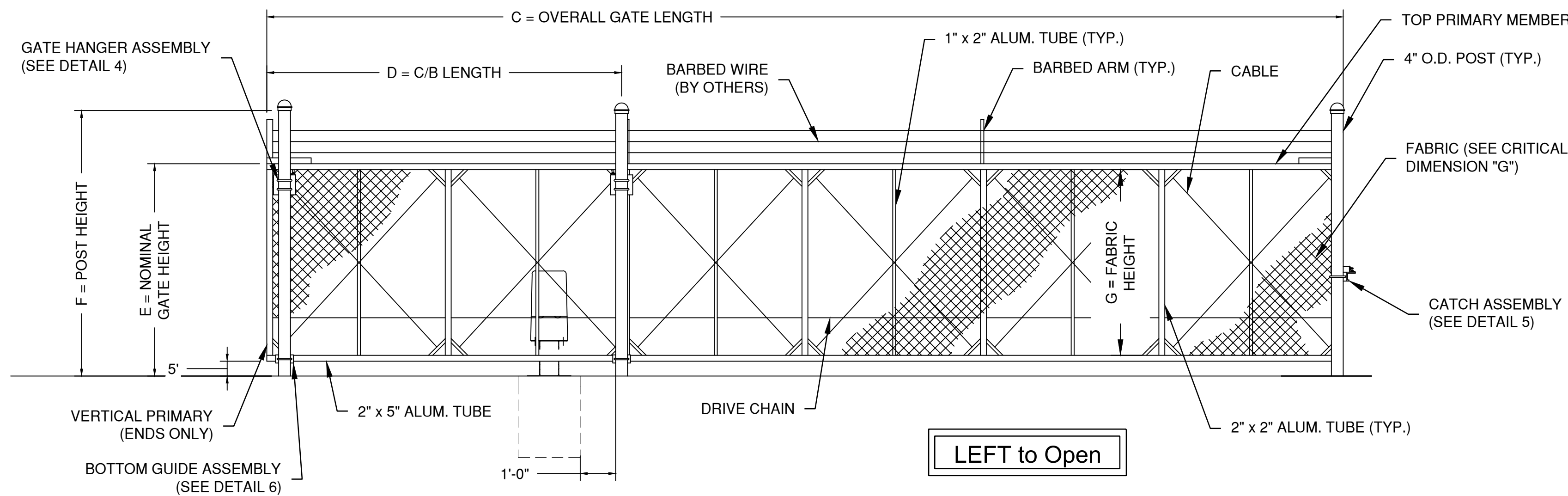
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JANUARY 4, 2024

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Date: Wednesday, January 3, 2024 11:27:37



DETAIL 1: PLAN VIEW
NTS

LEFT to Open



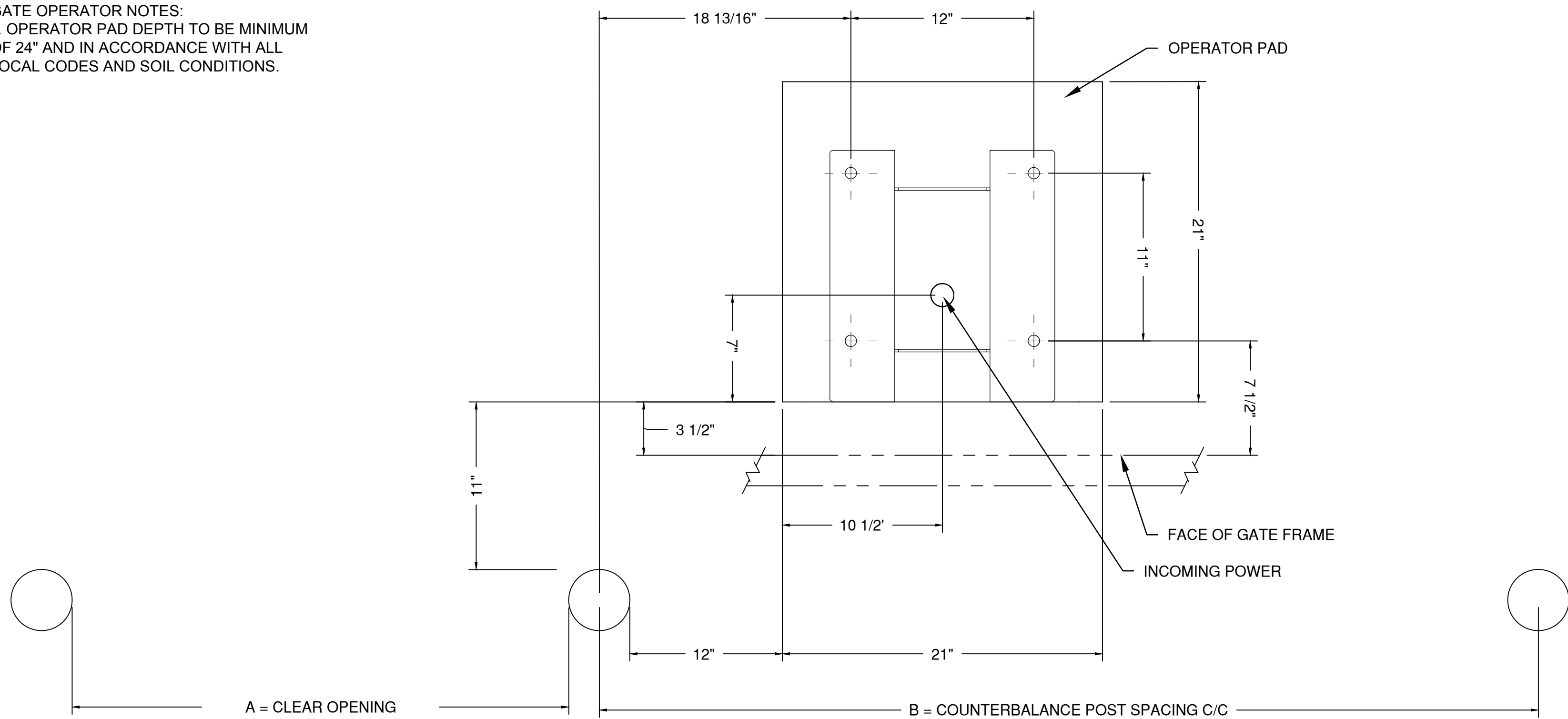
DETAIL 2: ELEVATION VIEW
NTS

LEFT to Open

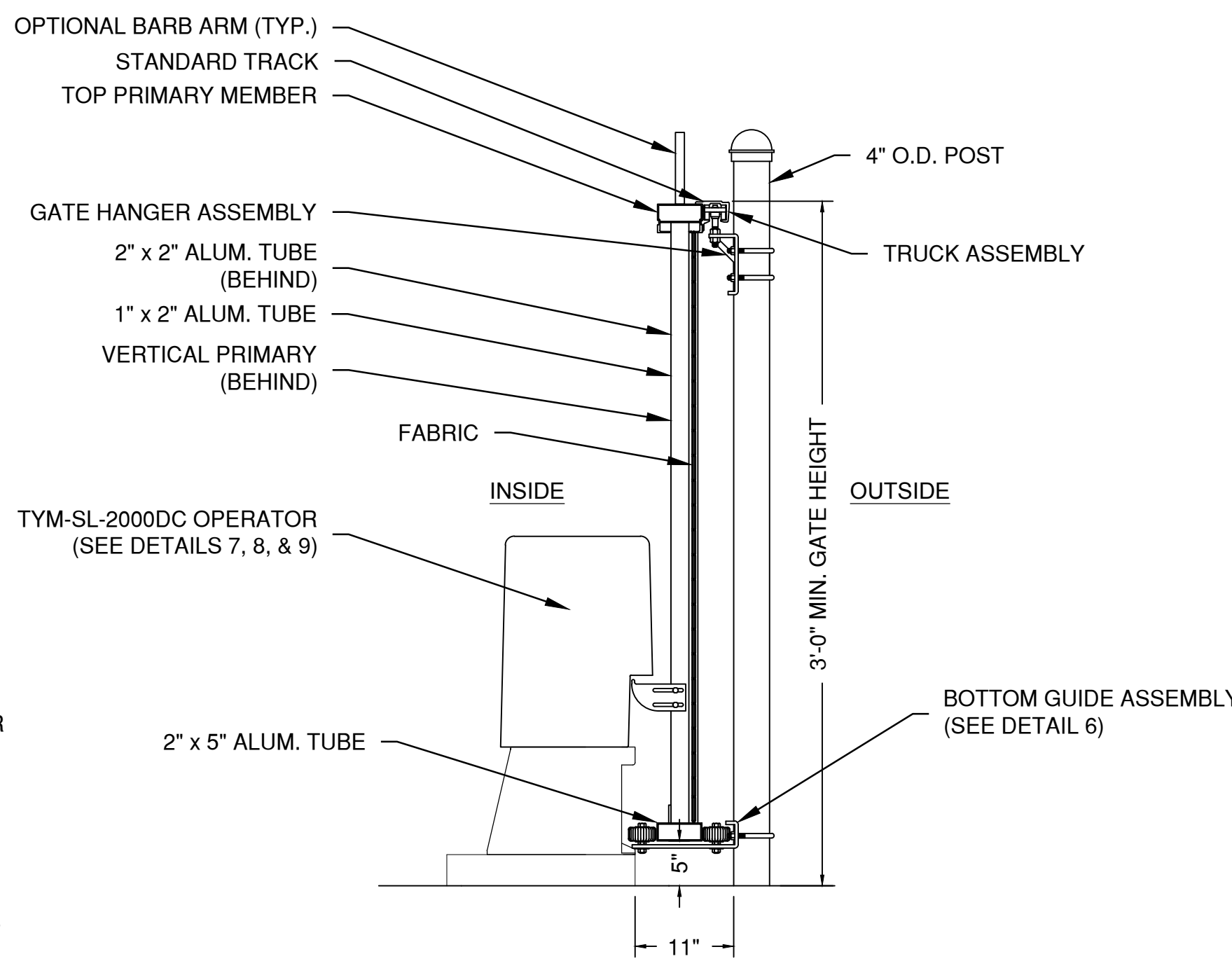
NOMINAL GATE SIZE		
18'W x 8'+1'h		
CRITICAL DIMENSION CHART		
A	CLEAR OPENING	18'-0"
B	COUNTERBALANCE POST SPACING C/C	8'-1"
C	OVERALL GATE LENGTH	27'-0"
D	COUNTERBALANCE LENGTH	9'-0"
E	NOMINAL GATE HEIGHT	8'-0"
F	POST HEIGHT	9'-6"
G	FABRIC HEIGHT	7'-0"

- NOTES:
1. ALL FITTINGS PROVIDED FOR 4" O.D. POSTS. OTHER SIZES ARE AVAILABLE UPON REQUEST.
 2. GATE ELEVATION IS VIEWED FROM OUTSIDE OF THE SECURE AREA LOOKING IN.
 3. BARB ARMS ARE OPTIONAL.
 4. THIS GENERIC DRAWING SHOWS A TYPICAL GATE. GATE MANUFACTURED MAY NOT BE EXACTLY AS SHOWN.
 5. GATE TO HAVE MILL FINISH.
 6. FOR GATES THAT REQUIRE TWO PIECE FABRICATION, A 5" ALUMINUM CHANNEL WILL BE SUBSTITUTED FOR THE 2" x 5" ALUMINUM TUBE.
 7. KNOX BOX TO BE INSTALLED AT ALL OPERABLE GATES, COORDINATE SIZE AND LOCATION WITH AHJ AND OWNER

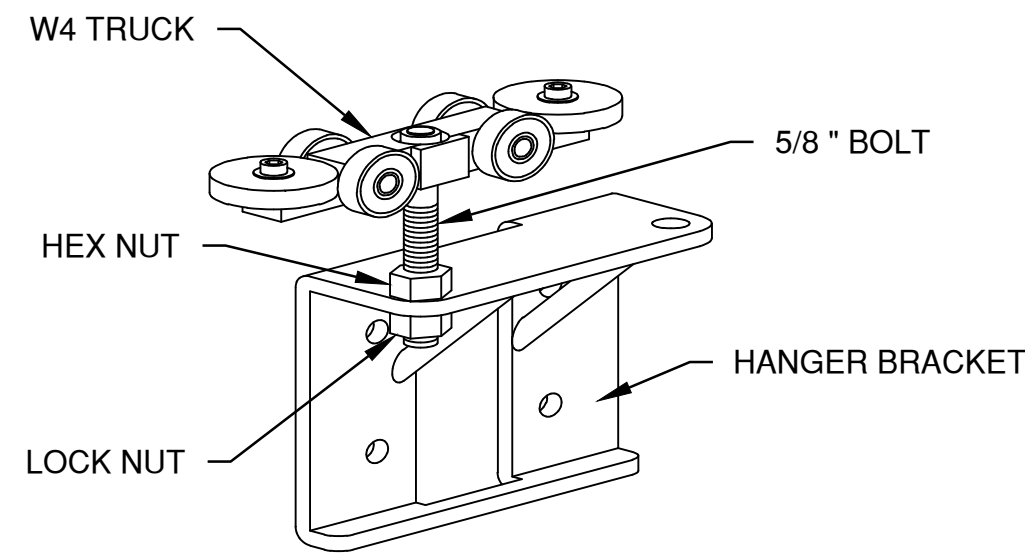
- GATE OPERATOR NOTES:
1. OPERATOR PAD DEPTH TO BE MINIMUM OF 24" AND IN ACCORDANCE WITH ALL LOCAL CODES AND SOIL CONDITIONS.



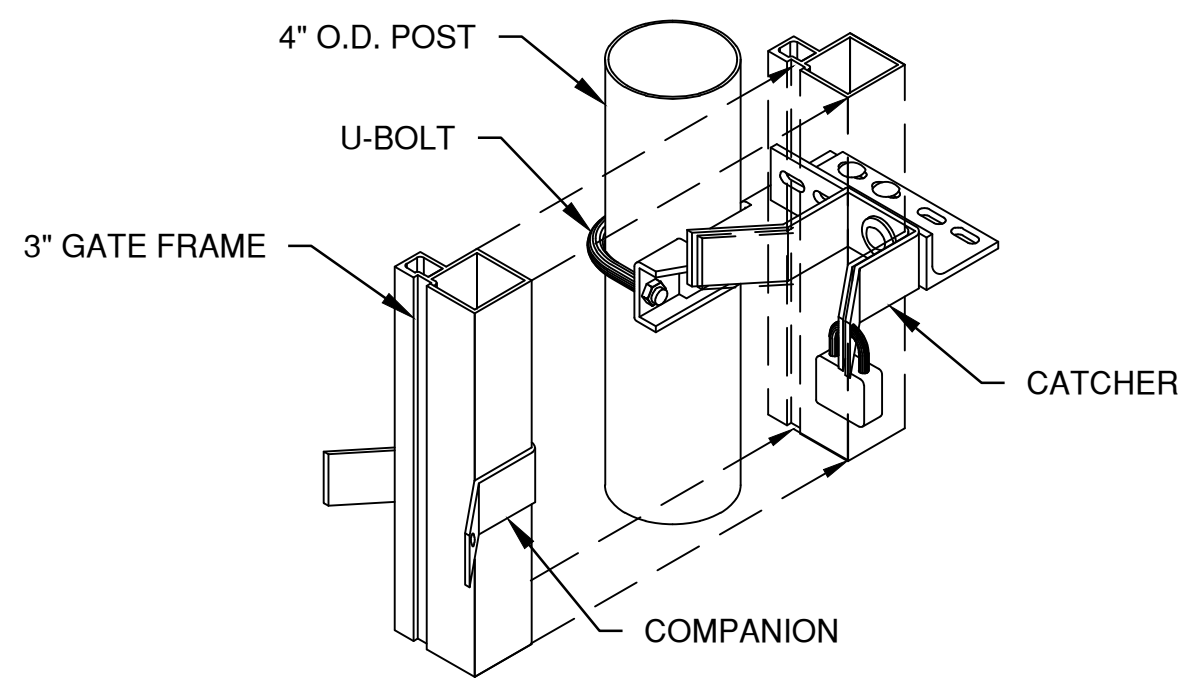
DETAIL 7: OPERATOR PAD LAYOUT PLAN
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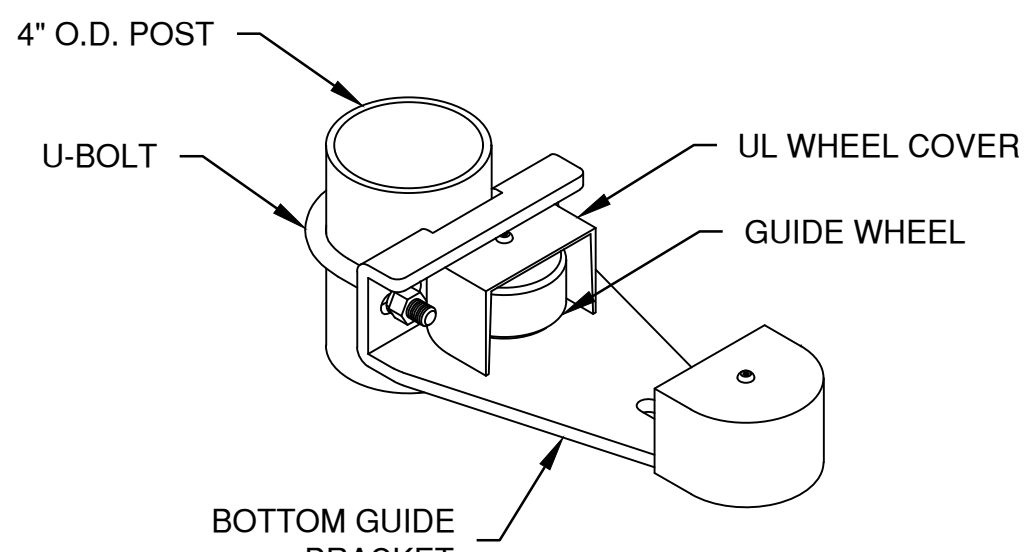
DETAIL 3: ASSEMBLY SECTION
NTS



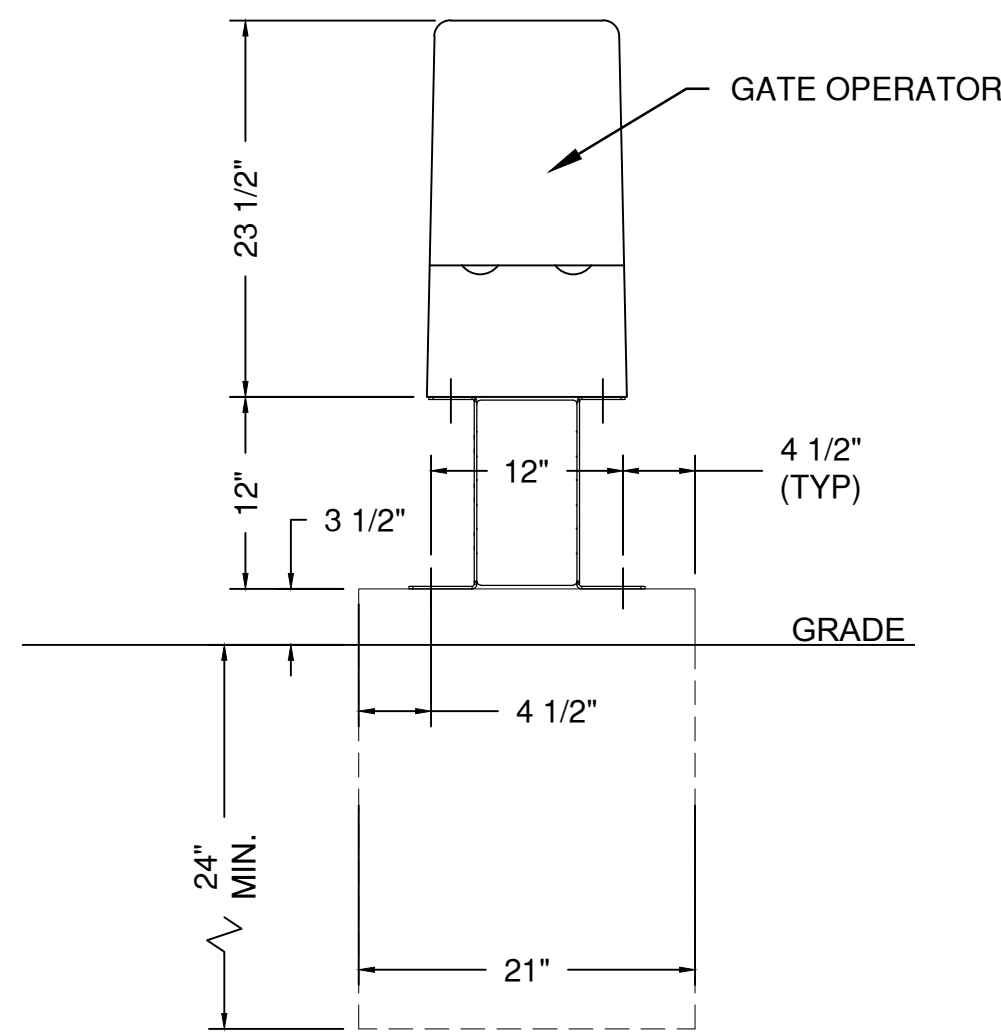
DETAIL 4: GATE HANGER
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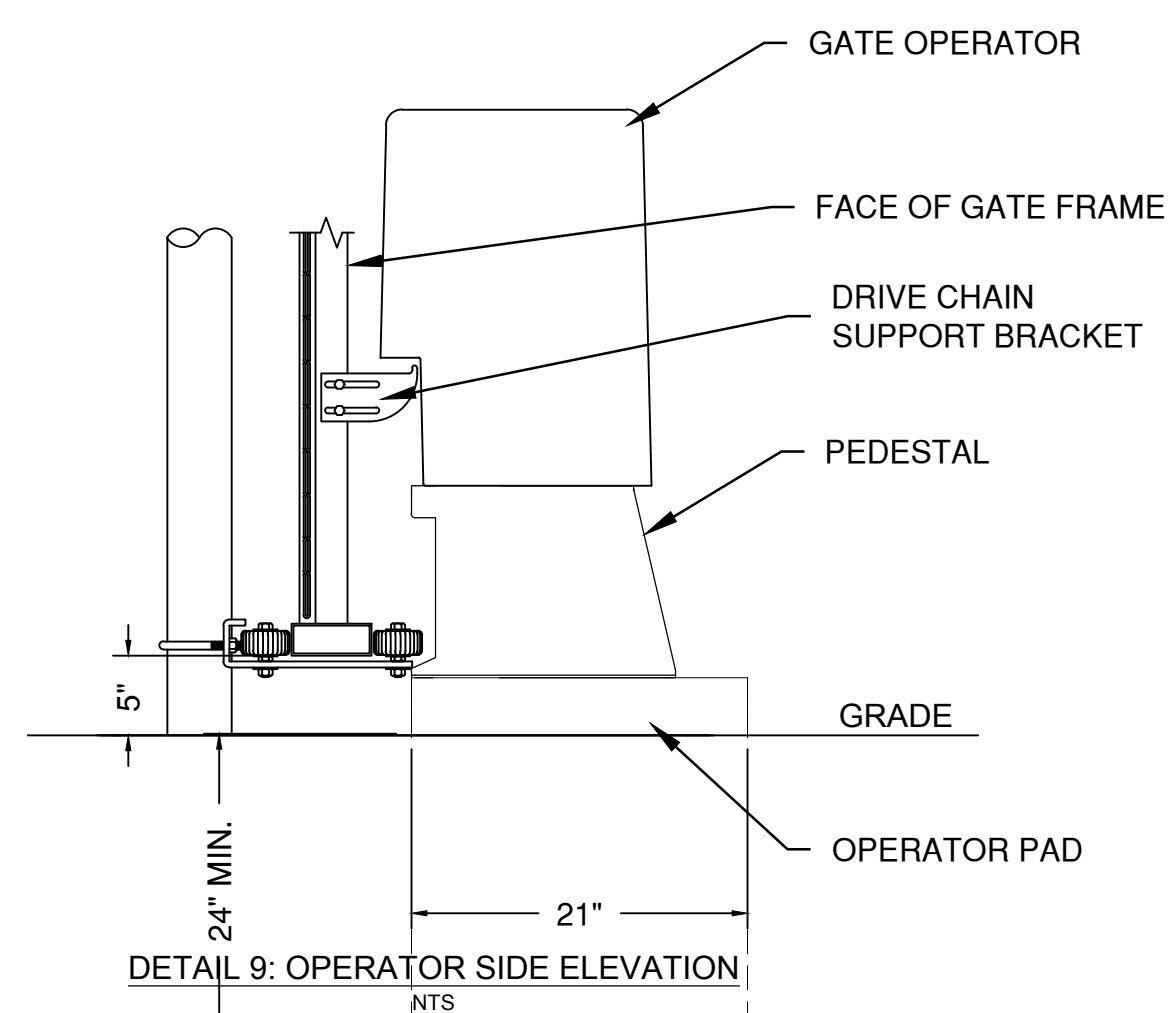
DETAIL 5: CATCH ASSEMBLY
NTS



DETAIL 6: BOTTOM GUIDE
NTS



DETAIL 8: OPERATOR FRONT ELEVATION
NTS



DETAIL 9: OPERATOR SIDE ELEVATION
NTS

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Lee's Summit, Missouri
03/24/2024



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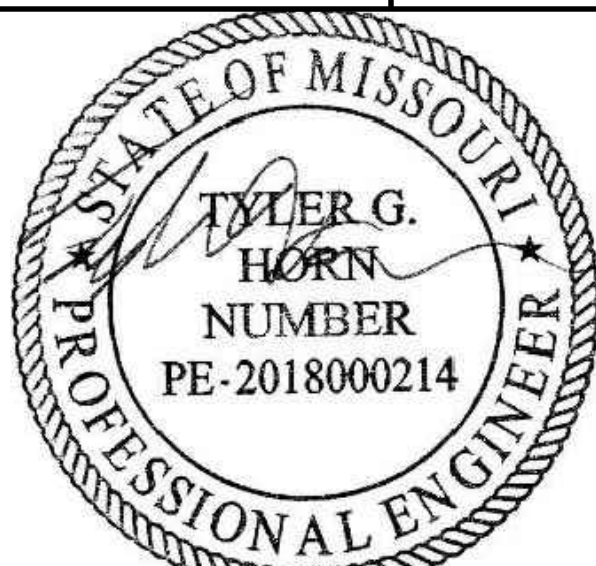
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LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



SEALED DIGITALLY
JANUARY 4, 2024

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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: FENCING PLAN
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DRAWN BY: WLC
CHECKED BY: JRC
APPROVED BY: TGH
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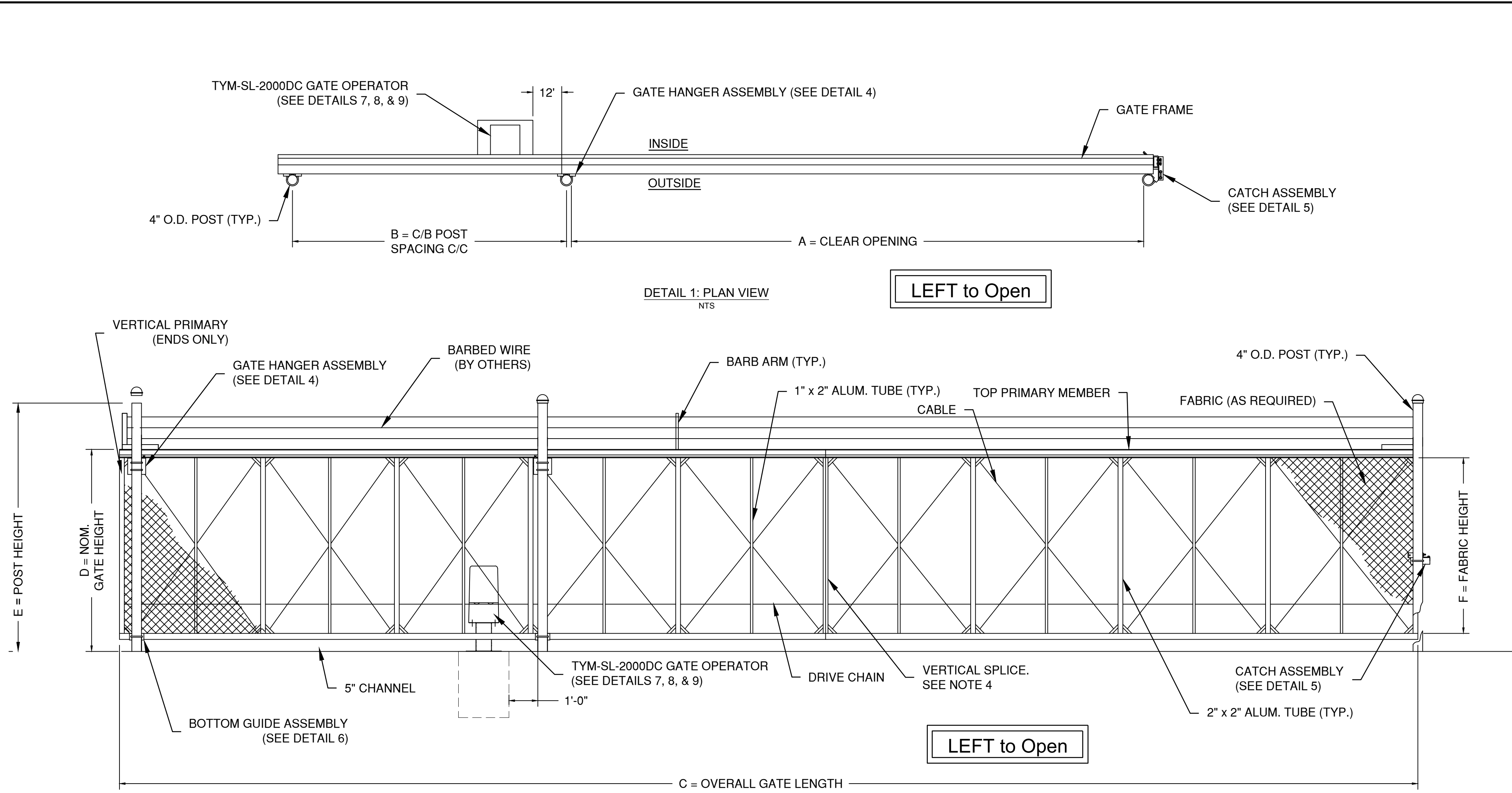
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SLIDING GATE DETAILS
SHEET 1

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SHEET 044 OF 131

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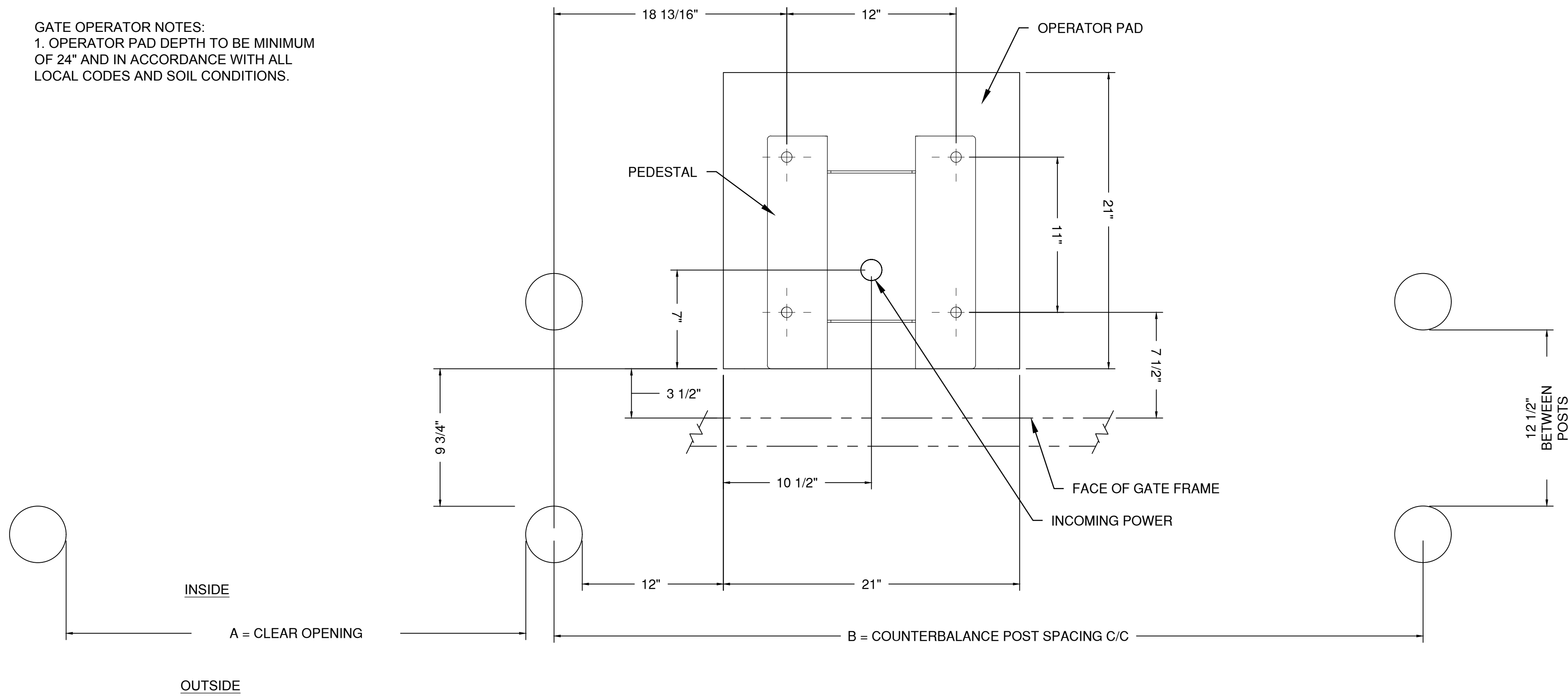
NOTES:
1. ALL FITTINGS PROVIDED FOR 4" O.D. POSTS.
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2. BARB ARMS ARE OPTIONAL.
3. GATE TO HAVE MILL FINISH.
4. FOR GATES THAT REQUIRE TWO PIECE
FABRICATION, A 5" ALUMINUM CHANNEL WILL BE
SUBSTITUTED FOR THE 2" x 5" ALUMINUM TUBE, AND
A VERTICAL SPLICE WILL BE ADDED.

5. KNOX BOX TO BE INSTALLED AT ALL OPERABLE
GATES. COORDINATE SIZE AND LOCATION WITH AHJ
AND OWNER

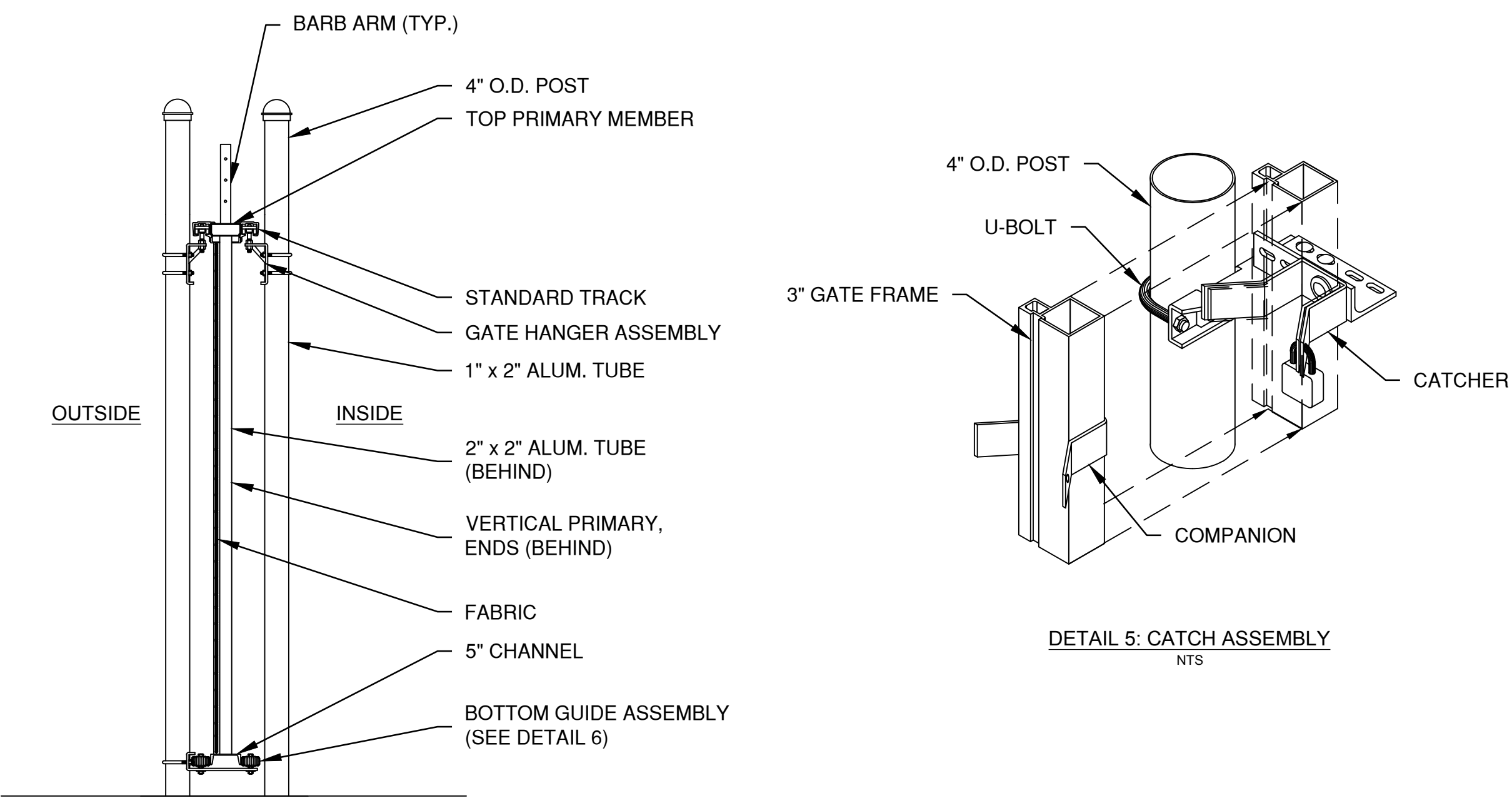
DETAIL 2: ELEVATION VIEW
NTS

NOMINAL GATE SIZE		
32'W x 8'+1'h		
CRITICAL DIMENSION CHART		
A	CLEAR OPENING	32'-0"
B	POST SPACING C/C	15'-1"
C	OVERALL GATE LENGTH	48'-0"
D	NOMINAL GATE HEIGHT	8'-0"
E	POST HEIGHT	9'-6"
F	FABRIC HEIGHT	7'-0"

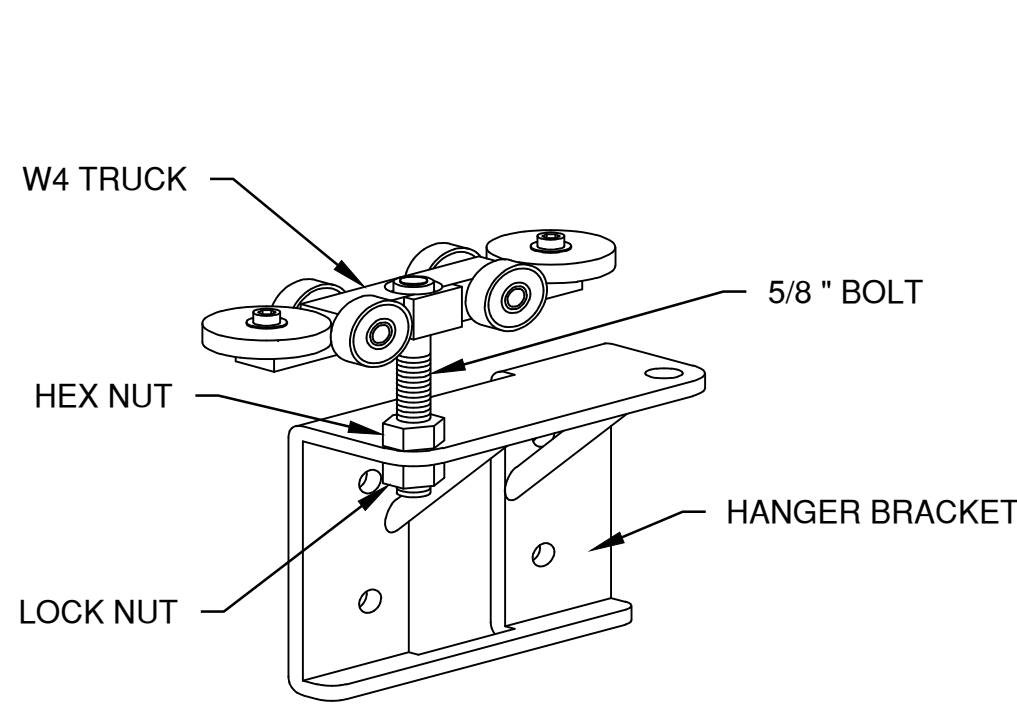
GATE OPERATOR NOTES:
1. OPERATOR PAD DEPTH TO BE MINIMUM
OF 24" AND IN ACCORDANCE WITH ALL
LOCAL CODES AND SOIL CONDITIONS.



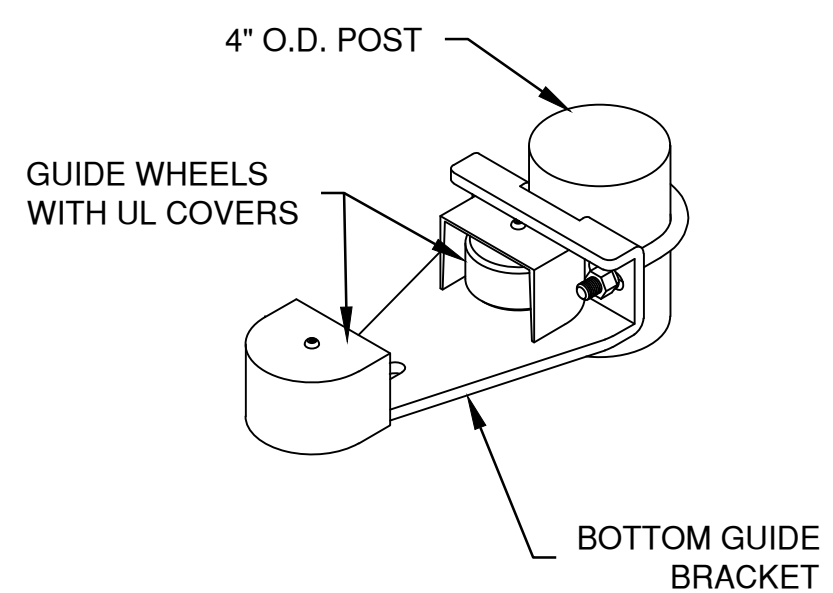
DETAIL 7: OPERATOR PAD LAYOUT PLAN
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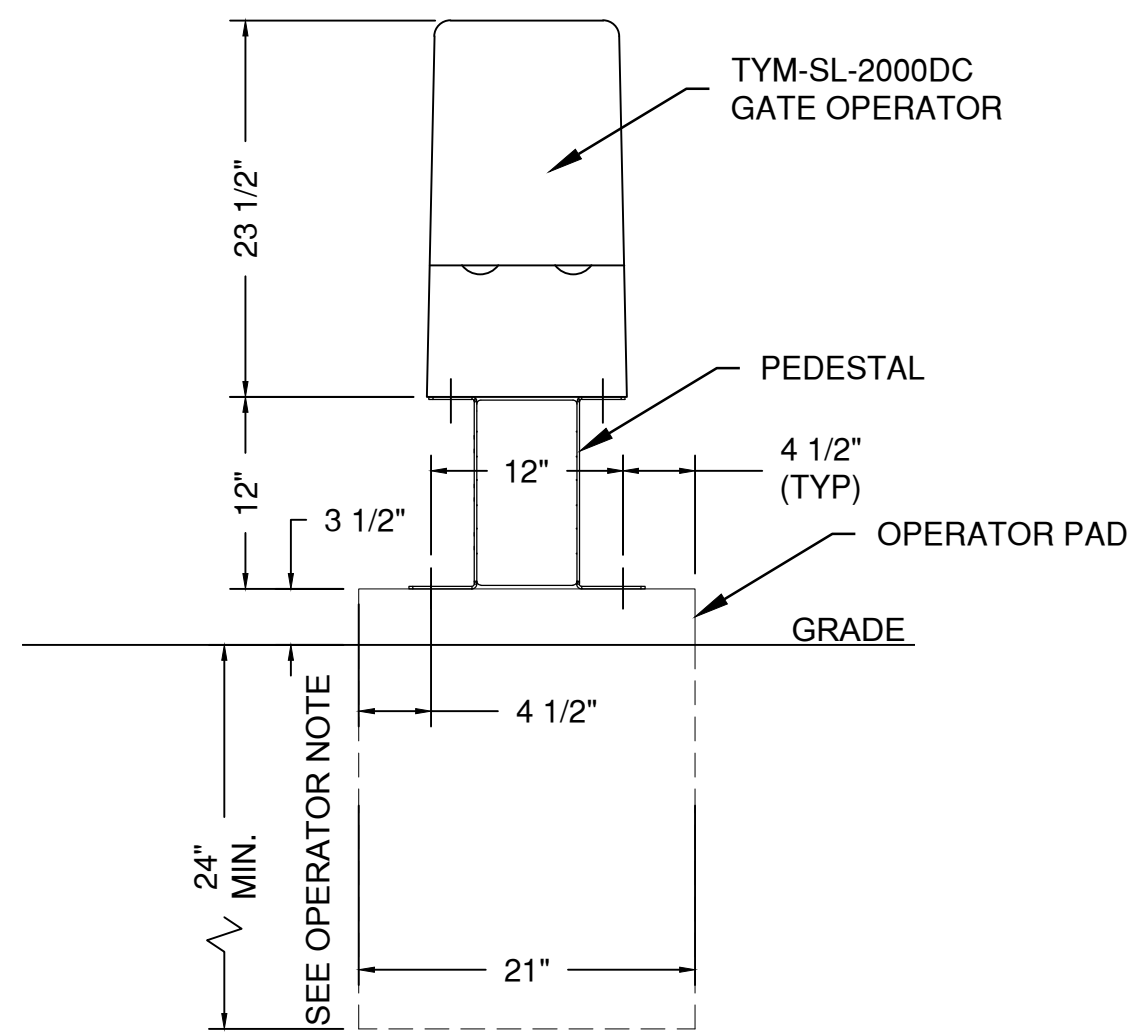
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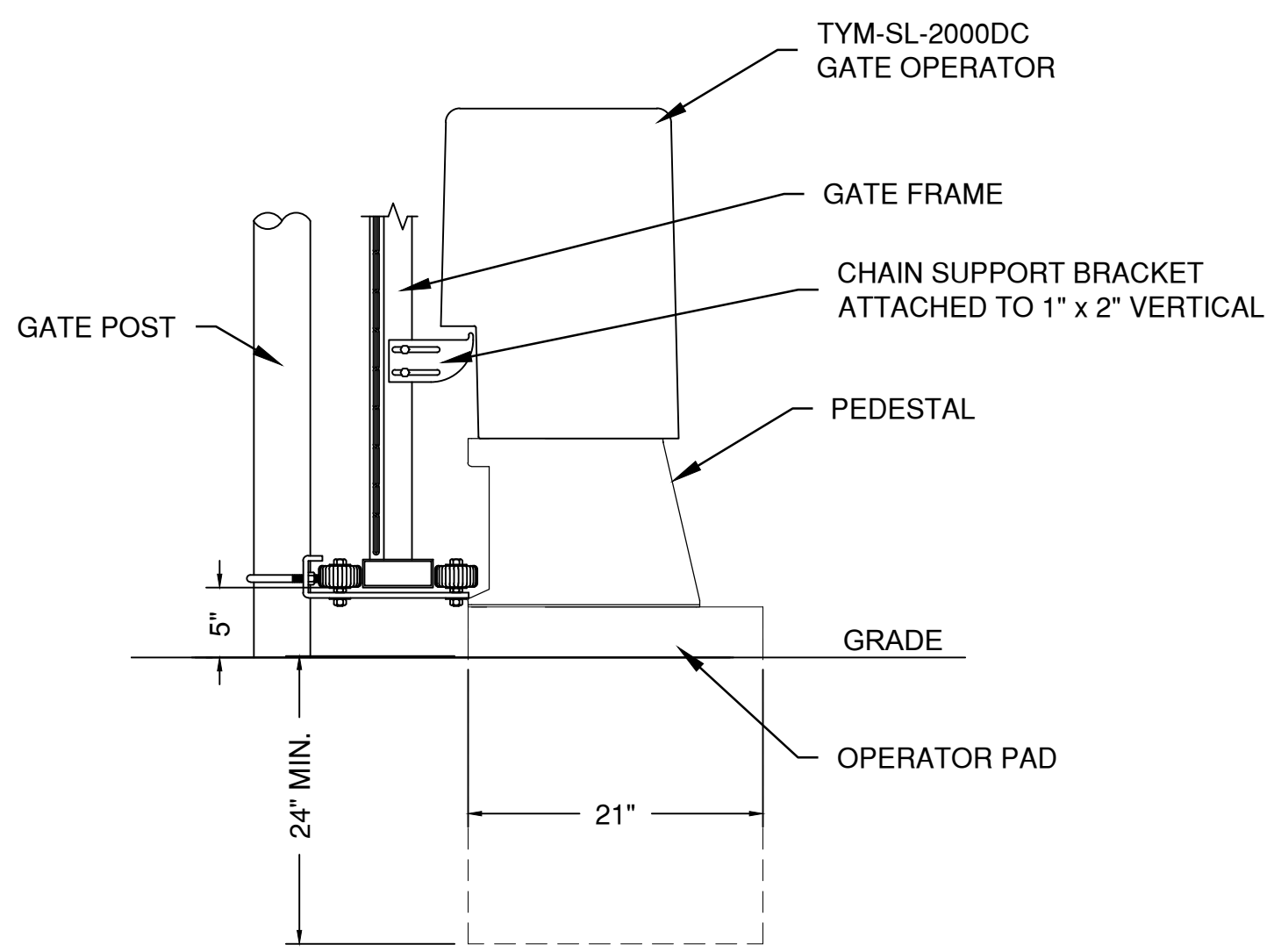
DETAIL 4: GATE HANGER
NTS



DETAIL 6: BOTTOM GUIDE
NTS



DETAIL 8: OPERATOR FRONT ELEVATION
NTS



DETAIL 9: OPERATOR SIDE ELEVATION
NTS

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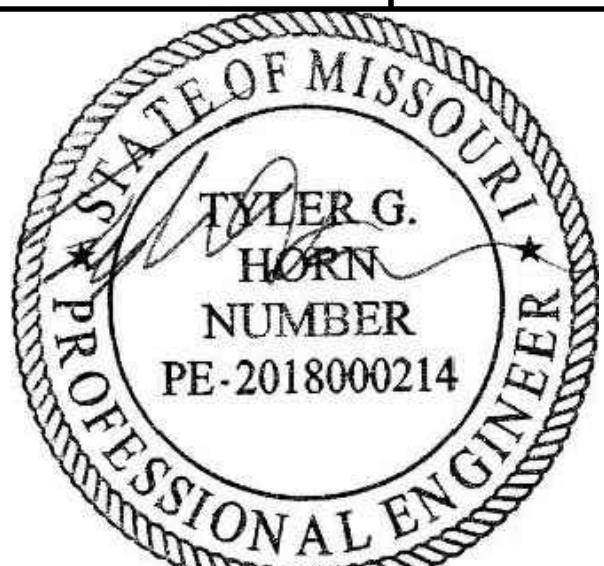
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LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MISSOURI

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



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JANUARY 4, 2024

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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
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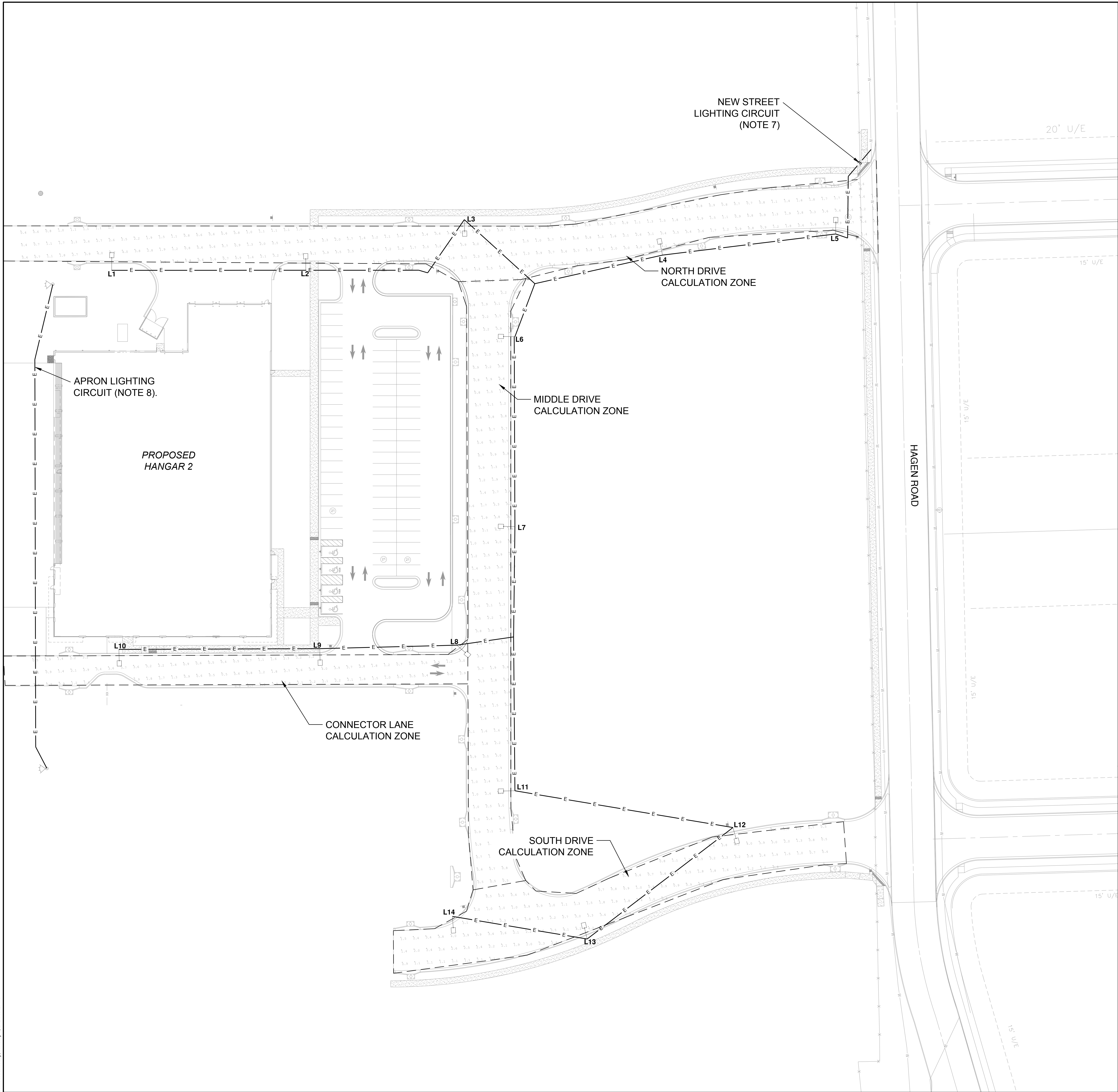
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SLIDING GATE DETAILS
SHEET 2

C134

SHEET 045 OF 131

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Date: Wednesday, January 3, 2024 11:27:35



ELECTRICAL LEGEND

- NEW LUMINAIRE WITH 3' MAST ARM ON 25' LIGHT POLE
- PHOTOMETRIC CALCULATION ZONE BOUNDARY
- NEW ELECTRICAL STREET LIGHTING CIRCUIT
- EXISTING APRON LIGHT POLE

LIGHTING NOTES

Acceptable Luminaire Manufacturers:
Manufacturer Model No. Distribution
Cooper Lighting VERD-M-CA3-150-722-U-T2 Type II

- LED LUMINAIRES SHALL BE OF THE MANUFACTURER AND TYPE DENOTED ABOVE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, AND WIRING NEW LIGHT POLES. THE LIGHT POLES SHALL MEET THE FOLLOWING CRITERIA:
 - 25' LIGHT MOUNTING HEIGHT
 - 3' MAST ARMS. MAST ARMS SHALL ALLOW PROPER CONNECTION AND MOUNTING OF LIGHT FIXTURES. THOSE FIXTURES SHALL BE ACUTY BRANDS AUTOBAHN FIXTURES AS INDICATED IN THE ACCEPTABLE LUMINAIRE MANUFACTURERS TABLE.
 - COLOR: BLACK
 - CONTRACTOR SHALL PROVIDE SUBMITTAL SUBJECT TO APPROVAL BY ENGINEER.
 - LIGHT POLE SHALL BE INSTALLED ON A CONCRETE BASE AS SHOWN ON THE ELECTRICAL DETAILS PLAN SHEET.
- LIGHT LEVELS FOR EACH PORTION OF THE PROJECT AREA SHALL BE IN ACCORDANCE WITH THE FOLLOWING FIXTURE ILLUMINANCE TABLE.

PROPOSED LIGHT EMITTING DIODE (LED) FIXTURE ILLUMINANCE (Fc) WITH 0.7 LLF					
CALCULATION ZONE	AVERAGE	MAXIMUM	MINIMUM	AVG/MIN	MAX/MIN
North Drive	1.75	4.2	0.4	4.38	10.5
Middle Drive	1.9	4.1	0.5	3.8	8.2
South Drive	1.88	4.2	0.4	4.7	10.5
Connector Lane	1.65	4	0.4	4.13	10

ELECTRICAL NOTES

- TO FEDERAL, STATE, AND LOCAL STATUTES. NOTIFY MISSOURI ONE-CALL SYSTEM, INC. AT LEAST 48 HOURS PRIOR TO ANY DIGGING, TRENCHING, EXCAVATION, ETC.
- 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 DETERMINATION OF TYPE AND LOCATION OF ALL UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.
- FIELD VERIFY LOCATION OF ALL UTILITIES PRIOR TO BEGINNING WORK. ANY INTERFERENCE SHALL BE BROUGHT TO ATTENTION OF THE ARCHITECT AND ENGINEER FOR DIRECTION.
- PROVIDE EQUIPMENT GROUNDING CONDUCTOR THROUGHOUT EACH BRANCH CIRCUIT. CONDUCTOR MAY NOT BE INDICATED GRAPHICALLY.
- ALL STREET LIGHTING FIXTURES AND INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE CITY OF LEE'S SUMMIT DESIGN AND CONSTRUCTION MANUAL SECTION 5800.
- STREET LIGHTING CIRCUITS SHALL BE FED FROM EXISTING EVERYGY UTILITY SOURCE.
- STREET LIGHTING CIRCUITS SHALL BE 2 X #6 XLP-USE, #12 GND IN 1" CONDUIT.
- EXTEND APRON LIGHTING CIRCUIT FROM NORTHERN APRON LIGHT TO POWER SOUTHERN APRON LIGHT. APRON LIGHTING CIRCUIT SHALL BE 2 X #4 XLP-USE, 1 X #6 GROUND IN UNIT DUCT. CONTRACTOR SHALL CONNECT NEW CIRCUIT GROUND CONDUCTOR TO EXISTING POLE GROUND LUG.
- ALL STREET LIGHT POLES MUST BE INSTALLED A MINIMUM OF 3' FROM THE CURB, WHERE APPLICABLE.



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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

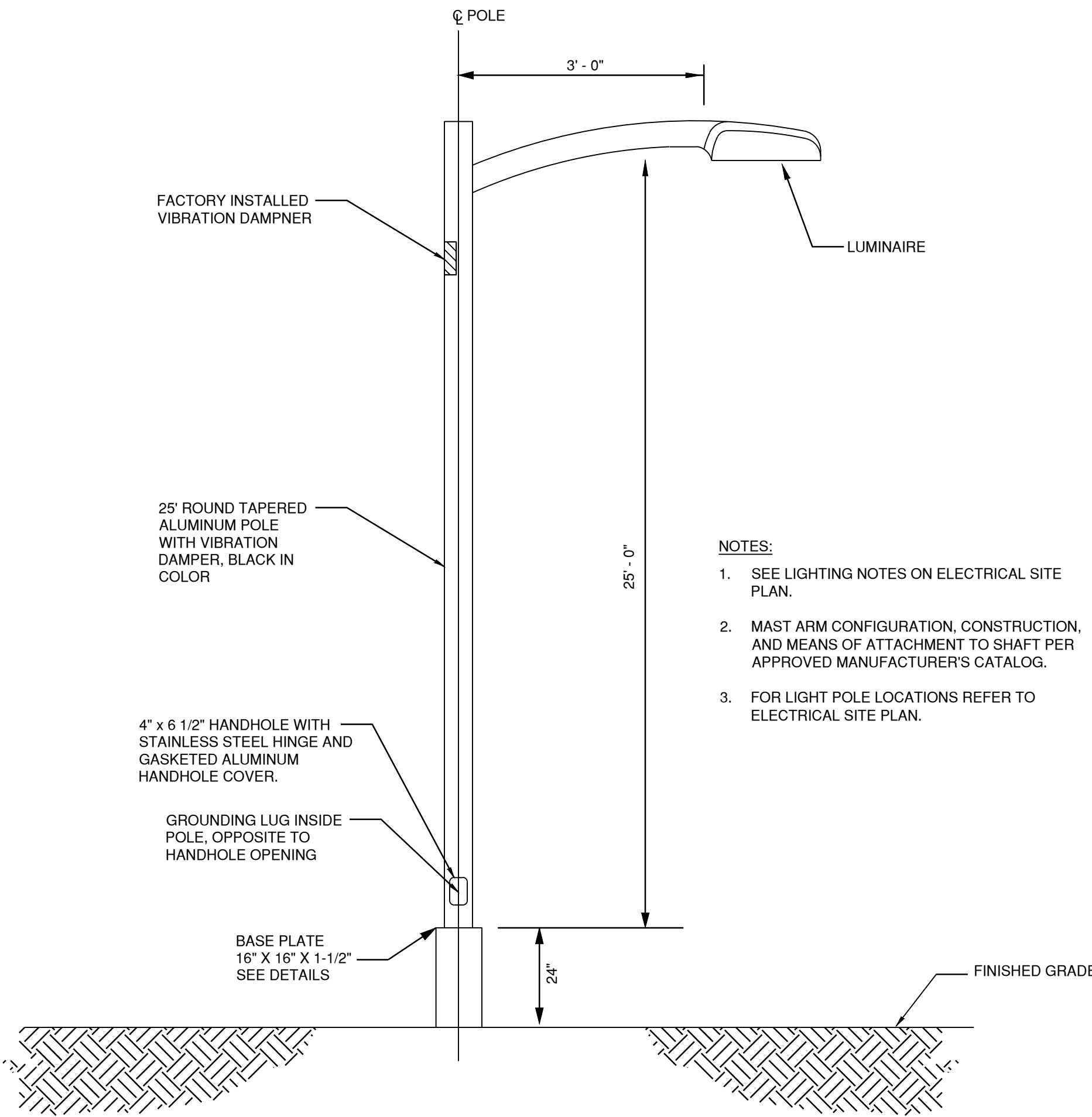
PROJECT NO: 47732472
CAD DWG FILE: LIGHTING SITE PLAN
DESIGNED BY: WLC
DRAWN BY: WLC
CHECKED BY: JRC
APPROVED BY: TGH
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SHEET TITLE

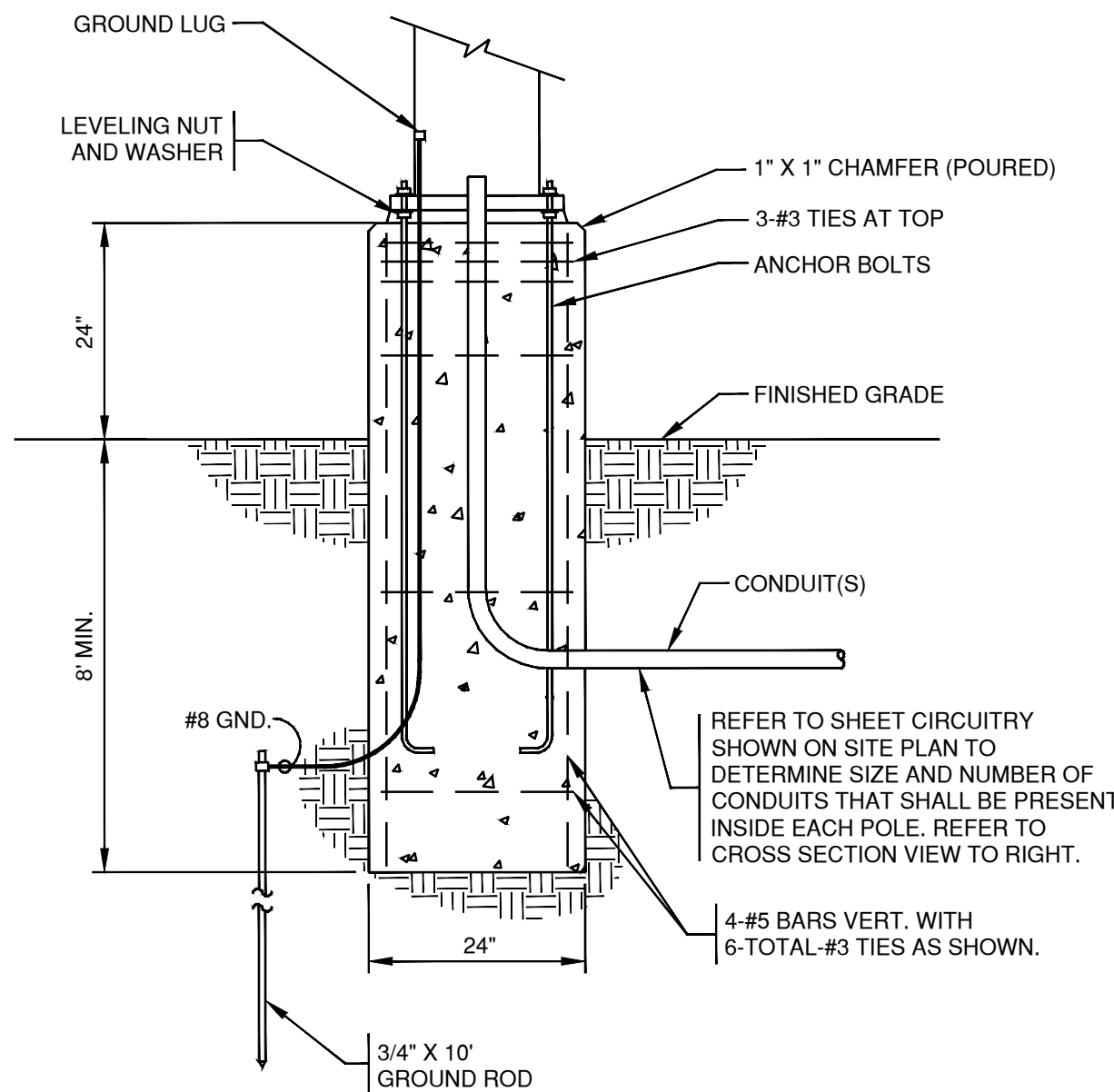
LIGHTING SITE PLAN

C135

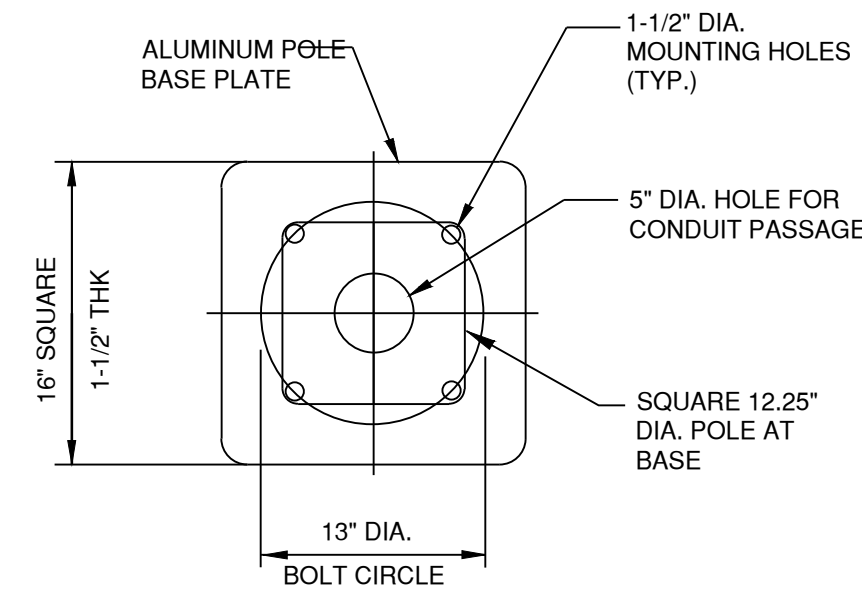
SHEET 046 OF 131



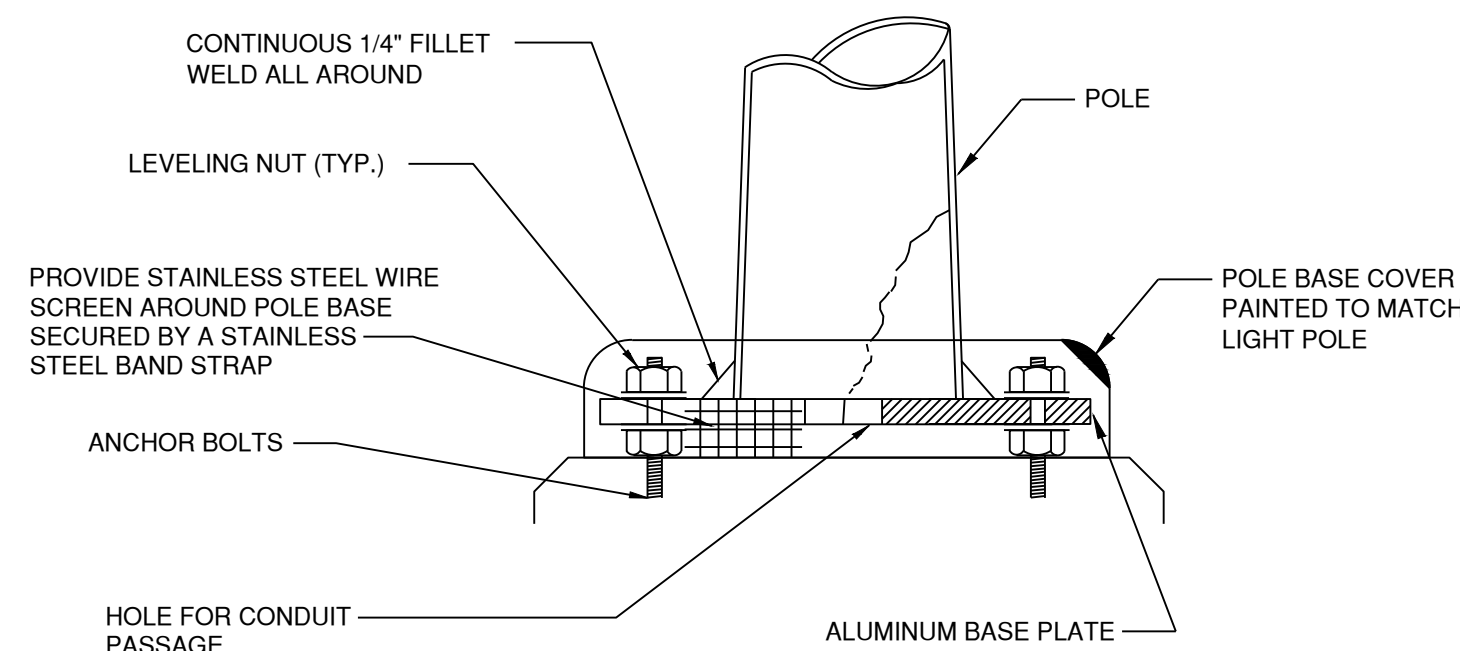
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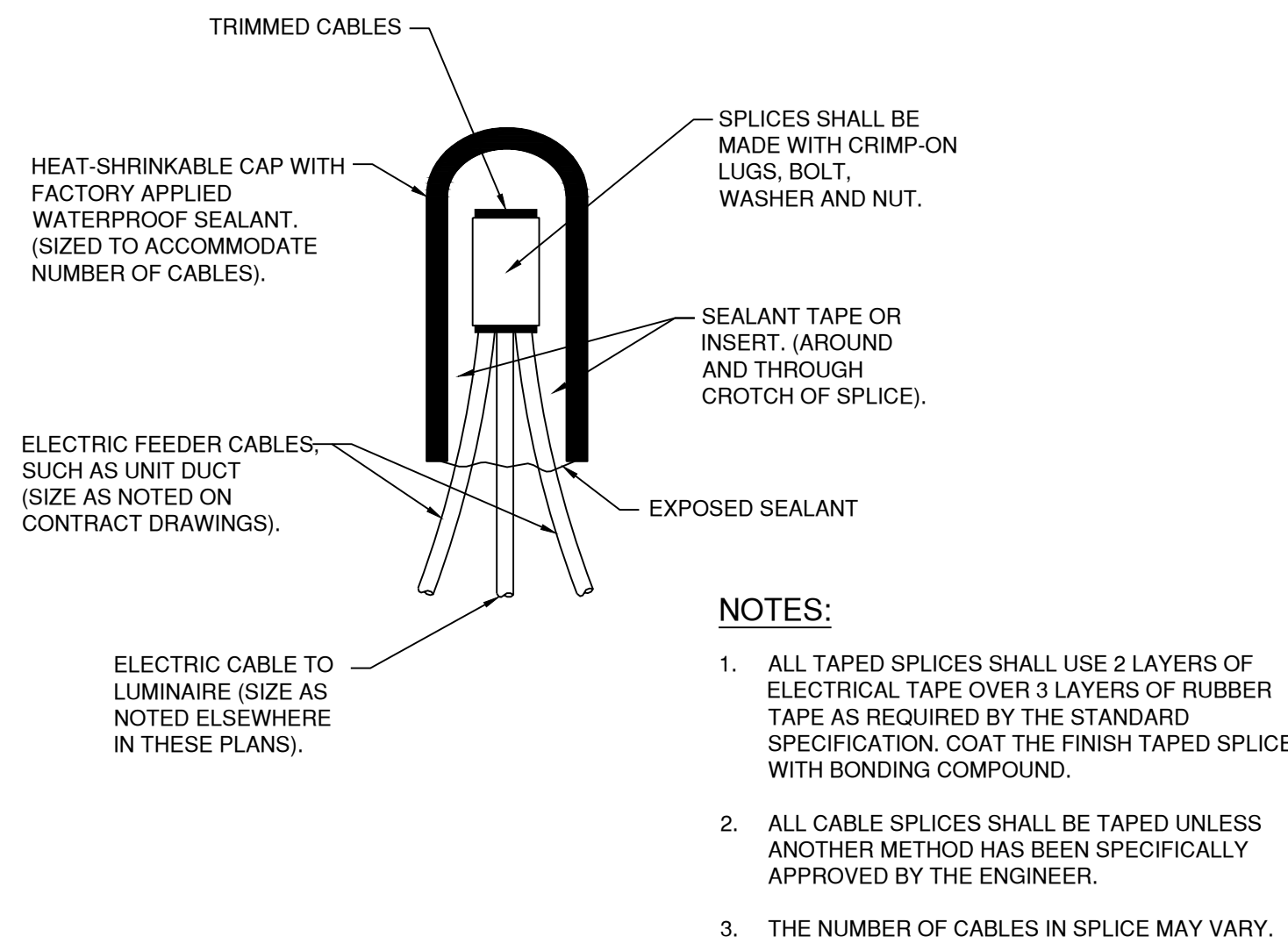
2 LIGHT POLE FOUNDATION DETAIL
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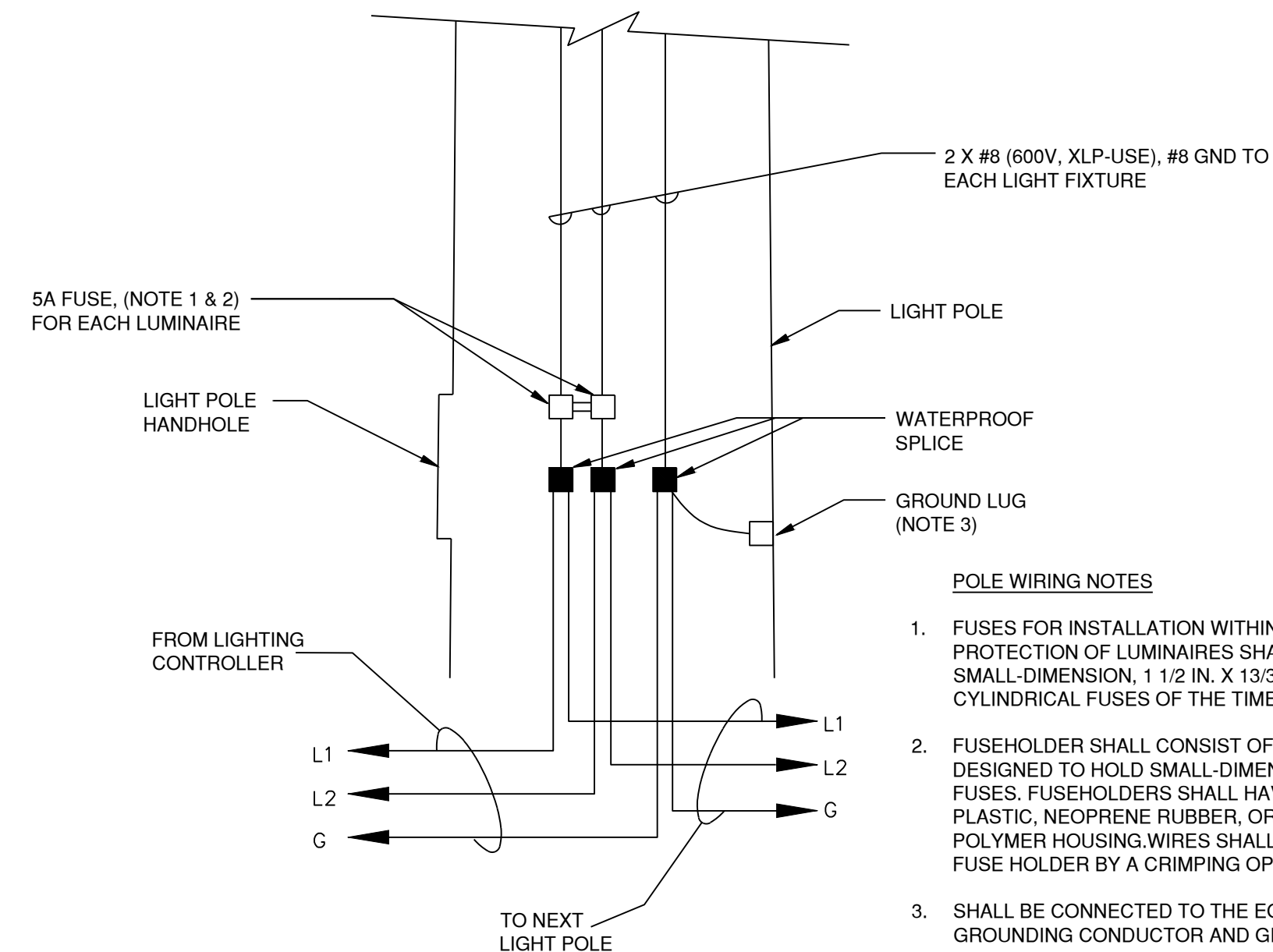
3 LIGHT POLE BASE DETAIL (PLAN)
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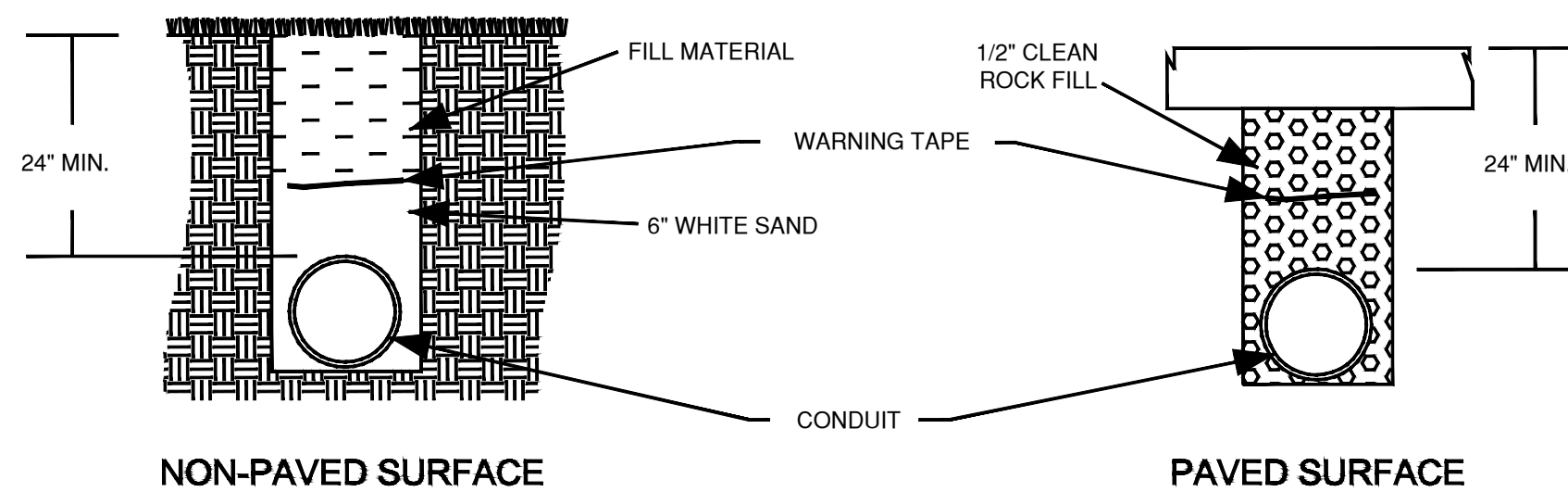
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NOT TO SCALE



5 TYPICAL CABLE SPlice DETAIL
NOT TO SCALE



6 TYPICAL POLE WIRING DETAIL
NOT TO SCALE



7 TRENCH AND CONDUIT DETAIL
NOT TO SCALE



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



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

MARK DATE DESCRIPTION

PROJECT NO: 47732472
CAD DWG FILE: LIGHTING SITE PLAN
DESIGNED BY: WLC
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SHEET TITLE

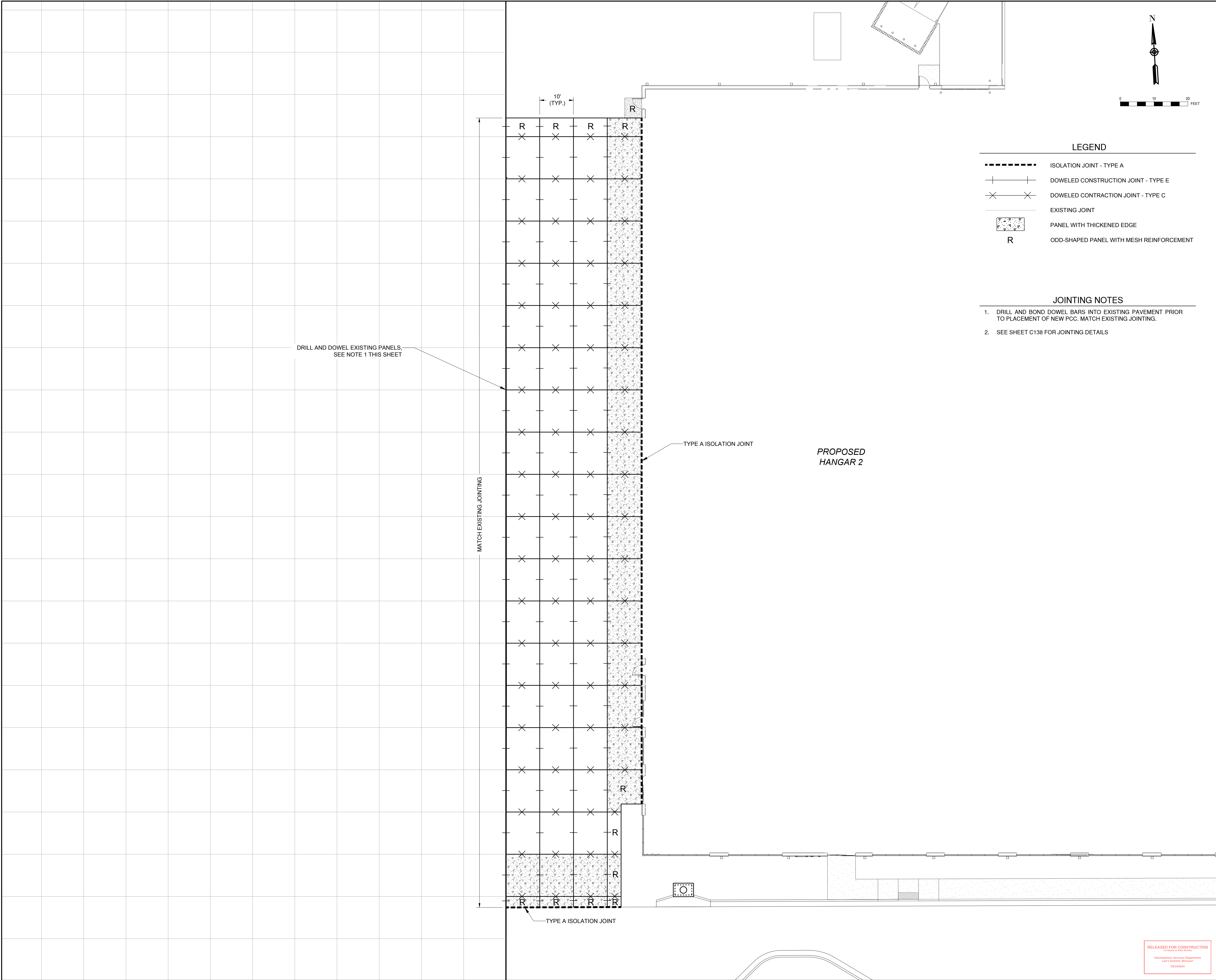
SITE LIGHTING DETAILS

C136

SHEET 047 OF 131

RELEASED FOR CONSTRUCTION
As based on Plan Review
Development Services Department
Lee's Summit, Missouri
03142024

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Date: Wednesday, January 3, 2024 11:28:07



LEGEND

- ISOLATION JOINT - TYPE A
- DOWELED CONSTRUCTION JOINT - TYPE E
- DOWELED CONTRACTION JOINT - TYPE C
- EXISTING JOINT
- PANEL WITH THICKENED EDGE
- ODD-SHAPED PANEL WITH MESH REINFORCEMENT

JOINTING NOTES

- DRILL AND BOND DOWEL BARS INTO EXISTING PAVEMENT PRIOR TO PLACEMENT OF NEW PCC. MATCH EXISTING JOINTING.
- SEE SHEET C138 FOR JOINTING DETAILS

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

SEALING DIGITALLY
JANUARY 4, 2024

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

MARK	DATE	DESCRIPTION
PROJECT NO: 47732472		
CAD DWG FILE: JOINTING PLAN		
DESIGNED BY: WLC		
DRAWN BY: WLC		
CHECKED BY: JRC		
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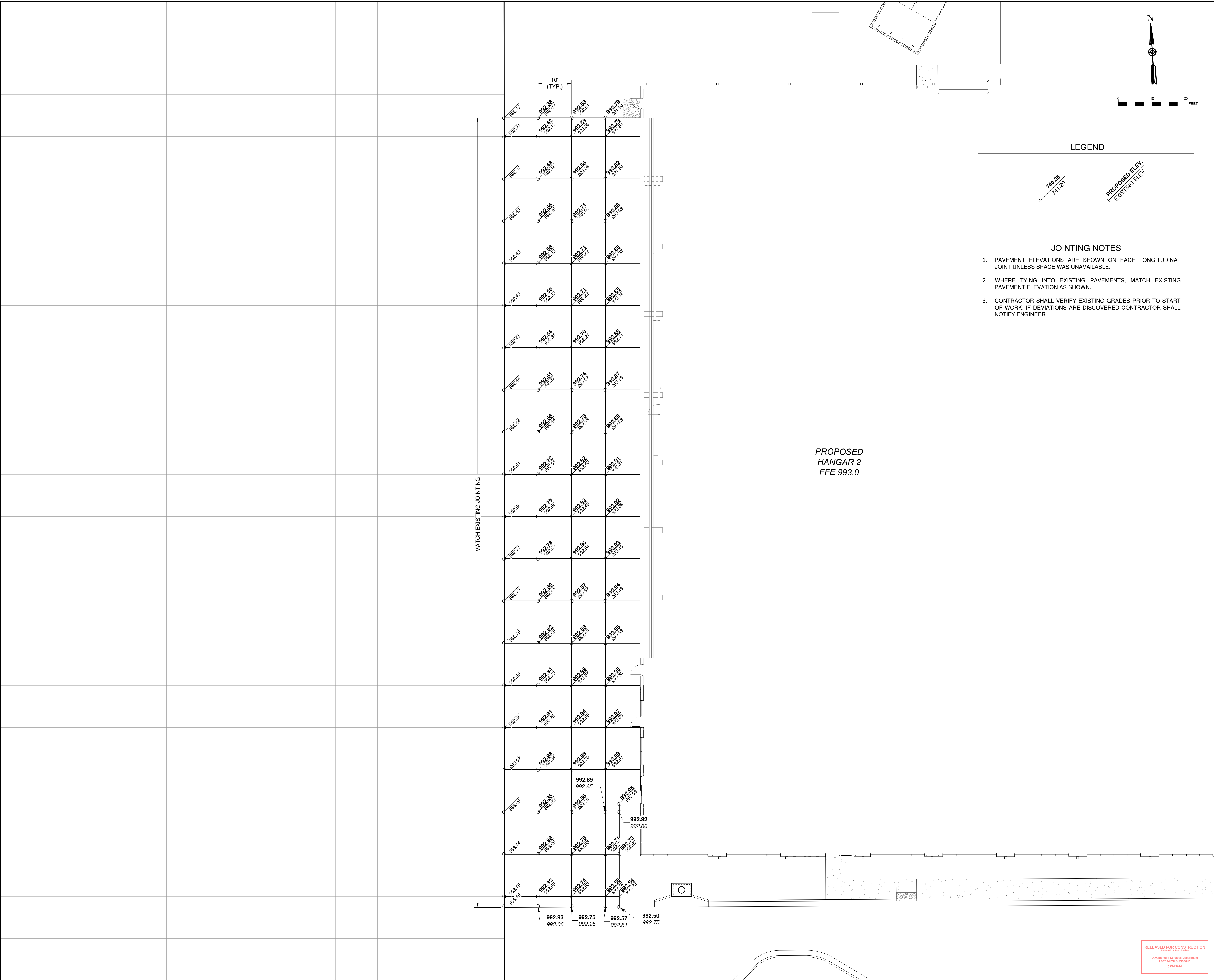
AIRFIELD PAVEMENT JOINTING PLAN

C137

SHEET 048 OF 131

RELEASED FOR CONSTRUCTION
As Noted on the Plans
Development Services Department
Lee's Summit, Missouri
03/14/2024

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Date: Wednesday, January 3, 2024 11:28:27





1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



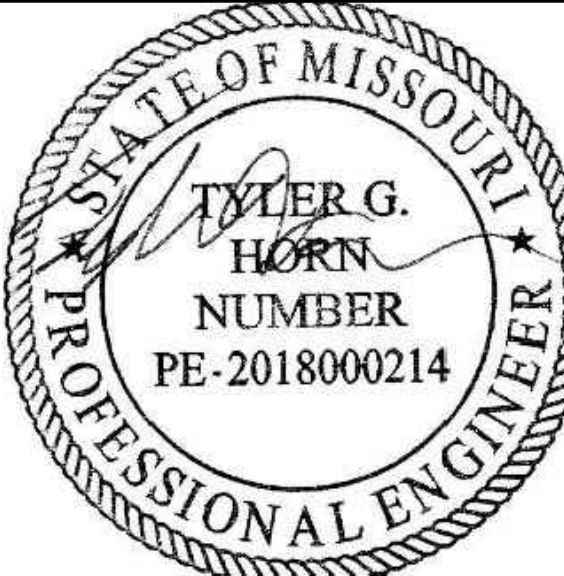
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KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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

EASTSIDE DEVELOPMENT
CITY PROJECT NO. - 47732472



SEALING DIGITALLY
JANUARY 4, 2024

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

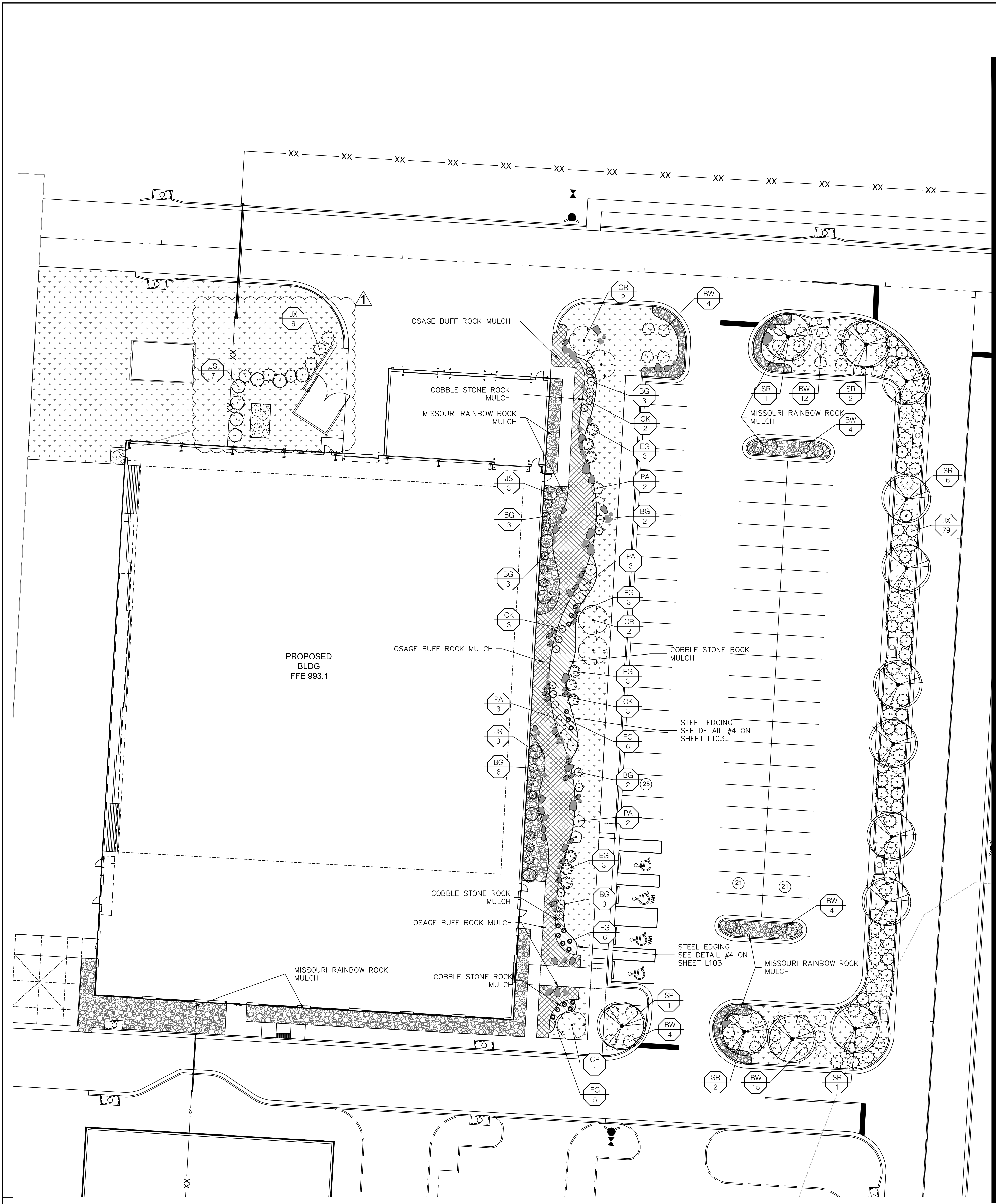
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PROJECT NO:	47732472	
CAD DWG FILE:	STAKING PLAN	
DESIGNED BY:	WLC	
DRAWN BY:	WLC	
CHECKED BY:	JRC	
APPROVED BY:	TGH	
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AIRFIELD PAVEMENT
STAKING PLAN

C139

SHEET 050 OF 131

RELEASED FOR CONSTRUCTION
Development Services Department
Lee's Summit, Missouri
05/04/2024



LEE'S SUMMIT MUNICIPAL AIRPORT - LANDSCAPE CALCULATIONS												
BUILDING COVERAGE (SF)	PARKING SPACES	LANDSCAPE ISLANDS (SF)	PARKING LOT AREA (SF)	PARKING AREA LANDSCAPE ISLAND % (6% MIN.)	R/W LENGTH (LF)		(1) LANDSCAPE STRIP BETWEEN PARKING/LOADING AREA AND R/W	(1) STREET FRONTAGE TREES	(2) STREET FRONTAGE SHRUBS	(3) OPEN YARD AREA PROVIDED (SF)	(3A) OPEN YARD AREA TREES	(3B) OPEN YARD AREA SHRUBS
42,400	42	6,015	31,845	18.89%	N/A	REQUIRE PROVIDE	N/A	N/A	N/A	18,432	4	7
							N/A	N/A	N/A		5	63

LANDSCAPE REQUIREMENTS DESCRIPTIONS												
(1) ANY PARKING OR LOADING AREA VISIBLE FROM A STREET SHALL BE SEPARATED FROM THE STREET RIGHT-OF-WAY WITH A LANDSCAPE STRIP AT LEAST 20' WIDE, PLANTED WITH 1 TREE PER 30 LF OF STREET												
(2) ANY PARKING OR LOADING AREA LANDSCAPE STRIP SHALL BE PLANTED WITH ONE (1) SHRUB FOR EVERY 20 LF OF STREET FRONTAGE												
(3A) IN ADDITION TO STREET FRONTAGE TREES, ONE (1) TREE SHALL BE PROVIDED FOR EVERY 5,000 SF OF OPEN YARD AREA												
(3B) OPEN YARD AREAS SHALL BE LANDSCAPED WITH TWO (2) SHRUBS PER 5,000 SF OF TOTAL LOT AREA												
(4) A 20' WIDE BUFFER SCREEN SHALL BE PROVIDED PER PLAN, IN THE FORM OF (4A) 1 SHADE TREE PER 1,000 SF, 1 ORNAMENTAL TREE PER 500 SF, 1 EVERGREEN TREE PER 500, AND (4B) 1 SHRUB PER 500 SF												
(5) A HEDGE CONSISTING OF AT LEAST 12 SHRUBS PER 40 LINEAR FEET												

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	CR	5	COTINUS COGGYGRIA 'ROYAL PURPLE' / ROYAL PURPLE SMOKE TREE	3" CAL
	JS	13	JUNIPERUS CHINENSIS 'SPARTAN' / SPARTAN JUNIPER	8' HT
	SR	13	SYRINGA RETICULATA / JAPANESE TREE LILAC	3" CAL

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	BW	43	BUXUS MICROPHYLLA JAPONICA 'WINTER GEM' / WINTER GEM JAPANESE BOXWOOD	3 GAL
	BG	22	BUXUS X 'GREEN VELVET' / GREEN VELVET BOXWOOD	3 GAL
	EG	9	EUONYMUS FORTUNEI 'EMERALD GAIETY' / EMERALD GAIETY WINTERCREEPER	3 GAL
	JX	85	JUNIPERUS X 'GREY OWL' / GREY OWL JUNIPER	3 GAL

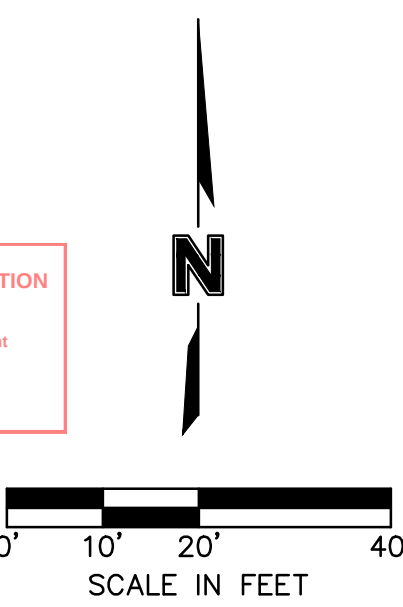
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
	CK	8	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER' / KARL FOERSTER FEATHER REED GRASS	2 GAL
	FG	17	FESTUCA GLAUCA / BLUE FESCUE	2 GAL
	PA	10	PENNISETUM ALOPECUROIDES / FOUNTAIN GRASS	2 GAL

GROUNDCOVERS

	3-6" MISSOURI RAINBOW ROCK	4,522 SF
	TURF SOD DROUGHT TOLERANT BLEND	18,134 SF
	1-3" OSAGE BUFF	4,784 SF
	4-8" COBBLESTONE ROCK	1,811 SF
	COBBLESTONE BOULDERS	VARY

- NOTES:
1. ALL DISTURBED AREA NOT OTHERWISE SPECIFIED WITH GROUNDCOVER SHALL BE PLANTED WITH TURF SEED – DROUGHT TOLERANT DWARF FESCUE BLEND.
 2. PLANTING BEDS AND TREE PLANTING AREAS SHALL RECEIVE MISSOURI RAINBOW ROCK AT A DEPTH OF 3" WITH SHOVEL-CUT EDGE OR STEEL EDGING AS CALLED OUT ON PLAN.
 3. COMPLETE COVERAGE IRRIGATION SHALL BE PROVIDED BY CONTRACTOR FOR ALL TURF AND MULCHED PLANTING AREAS, REFER TO HATCHING IN SCHEDULE. IRRIGATION PLANS SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION.
 4. AREAS OF TURF SEED PLANTED ON SLOPES EXCEEDING 4:1 (SEE GRADING PLANS) SHALL BE INSTALLED WITH AN EROSION CONTROL MEASURES PER MANUFACTURER'S SPECIFICATIONS.
 5. QUANTITIES LISTED IN THE PLANT LIST SCHEDULE ARE FOR ESTIMATES ONLY. TREES, SHRUBS, AND GROUND COVER OF CONTRACT QUANTITIES SHALL BE THE NUMBER OF ITEMS SHOWN ON THE DRAWINGS.
 6. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK. ANY DIFFERENCE IN QUANTITIES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION.
 7. CONTRACTOR SHALL REFER TO ENGINEERING DRAWINGS FOR ANY AND ALL EXISTING AND/OR PROPOSED UTILITIES. IF THERE ARE ANY DISCREPANCIES, CONFLICTS AND/OR DEVIATIONS BETWEEN THE LANDSCAPE DRAWINGS AND THE EXISTING OR PROPOSED CONDITIONS, THE CONTRACTOR IS TO CONTACT THE LANDSCAPE ARCHITECT IMMEDIATELY.
 8. ALL UNDERGROUND UTILITIES ARE TO BE FIELD-VERIFIED PRIOR TO COMMENCEMENT OF WORK.
 9. LANDSCAPE CONTRACTOR SHALL SUBMIT SPECIFICATIONS OF SEED, SOIL, AND MULCH, AND REPRESENTATIVE PHOTOS OF TREES AND SHRUBS, TO LANDSCAPE ARCHITECT FOR REVIEW AND ACCEPTANCE PRIOR TO COMMENCEMENT OF WORK. SUBSTITUTIONS MUST BE APPROVED BY LANDSCAPE ARCHITECT.
 10. INSTALLATION OF LANDSCAPING SHALL TAKE PLACE DURING EITHER THE SPRING (MARCH 15 – JUNE 15) OR FALL (SEPTEMBER 15–OCTOBER 15) PLANTING SEASON AND WITH WATER AVAILABLE FOR IRRIGATION PURPOSES.
 11. IF UNDERGROUND OBSTRUCTIONS ARE ENCOUNTERED IN EXCAVATION FOR PLANTING OF TREES OR SHRUBS, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY. NEW LOCATIONS MAY BE SELECTED BY LANDSCAPE ARCHITECT OR INSTRUCTIONS MAY BE ISSUED TO DIRECT REMOVAL OF OBSTRUCTIONS. PROCEED WITH WORK ONLY AFTER APPROVAL OF LANDSCAPE ARCHITECT.
 12. LANDSCAPE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS AND MATERIALS INJURIOUS TO PLANT GROWTH FROM PLANTING PITS AND BEDS PRIOR TO BACKFILLING WITH PLANTING MIX.
 13. A PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANTING BEDS PRIOR TO THE INSTALLATION OF ANY PLANT MATERIAL.
 14. BACKFILL ALL PLANTING BEDS TO A MINIMUM 12-INCH DEPTH WITH PLANTING SOIL MIX. PLANTING SOIL MIX SHALL CONSIST OF ONE (1) PART PERLITE, ONE (1) PART PEAT MOSS, AND TWO (2) PARTS CLEAN LOAM TOPSOIL. THOROUGHLY MIX PLANTING SOIL COMPONENTS PRIOR TO PLACEMENT. ALL LANDSCAPE AREAS SHALL BE UNIFORMLY GRADED SO THAT FINISHED SURFACES CONFORM TO THE TYPICAL SECTIONS AND PROPOSED GRADES SHOWN. FINISHED SURFACES SHALL BE REASONABLY SMOOTH, COMPACTED AND FREE FROM IRREGULAR SURFACE DRAINAGE. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING THE FINISH GRADE AND SHALL BEAR FINAL RESPONSIBILITY FOR PROPER SURFACE DRAINAGE OF PLANTED AREAS.
 15. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR WATERING AND GENERAL HEALTH OF ALL PLANT MATERIALS UNTIL FINAL ACCEPTANCE. ANY MATERIAL WHICH DIES PRIOR TO ACCEPTANCE OF WORK SHALL BE PROMPTLY REMOVED AND REPLACED.
 16. LANDSCAPE BEDS SHALL BE FREE OF WEEDS AND VOLUNTEER PLANT MATERIAL.
 17. LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL WORK FOR A PERIOD OF ONE YEAR BEGINNING AT THE DATE OF ACCEPTANCE. CONTRACTOR WILL MAKE ALL REPLACEMENTS PROMPTLY UNDER THIS GUARANTEE (AS PER DIRECTION OF OWNER).

RELEASED FOR CONSTRUCTION
As Issued on Plan Number
Development Services Department
Lee's Summit, Missouri
03162024



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108



1627 MAIN STREET, SUITE 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



09-29-2023

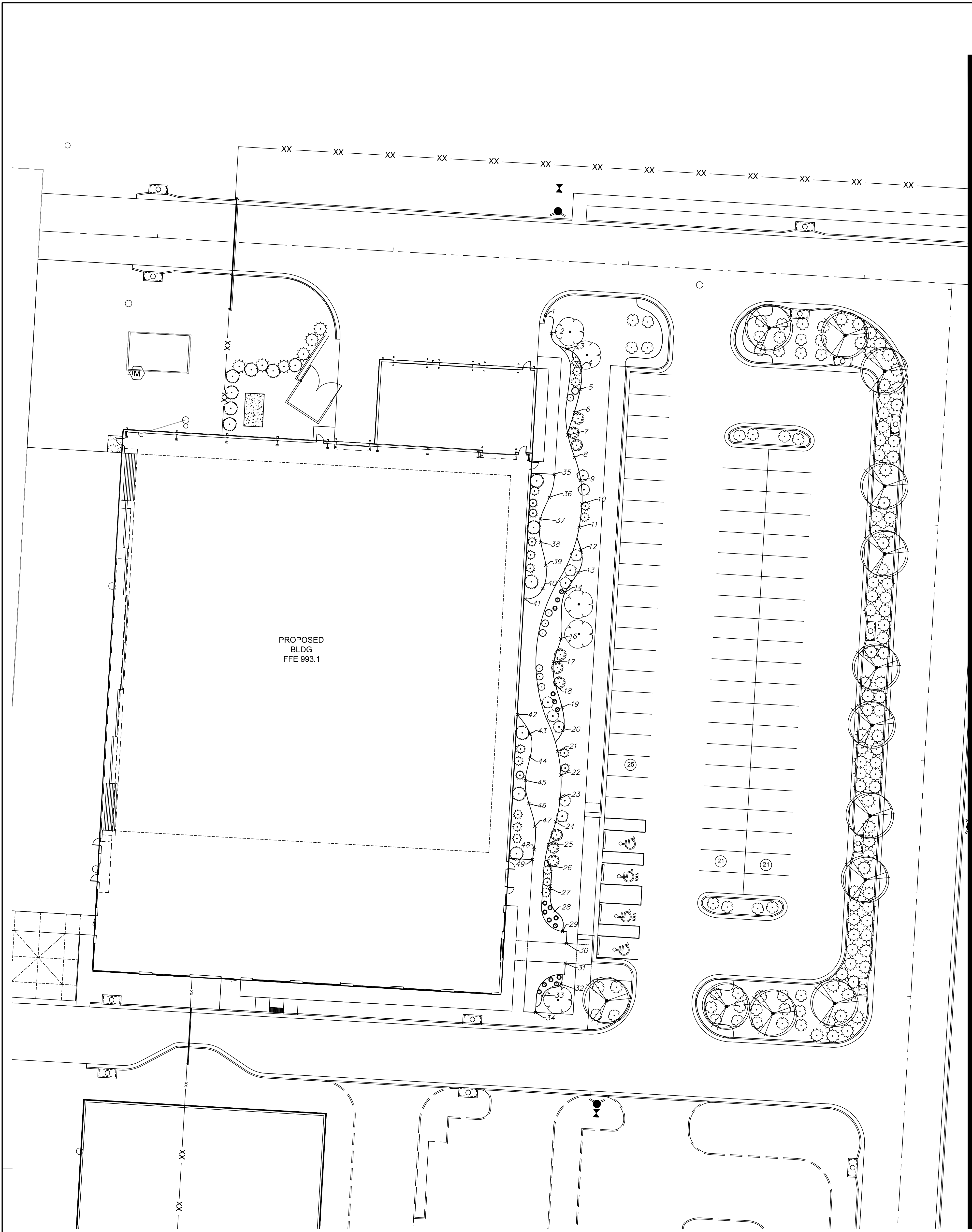
LEE'S SUMMIT MUNICIPAL AIRPORT
LEE'S SUMMIT, MO

MARK	DATE	DESCRIPTION
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PROJECT NO: 022-04268		
CAD DWG FILE: Lee's Summit - Hangar 2.DWG		
DESIGNED BY: JIH		
DRAWN BY: OEM		
CHECKED BY: JIH		
APPROVED BY: JIH		
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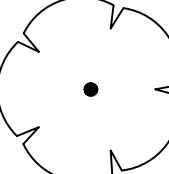
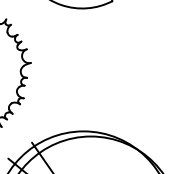
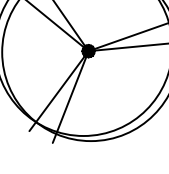
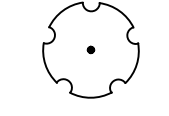
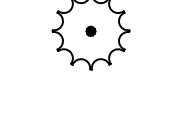
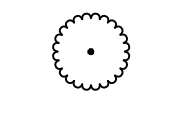
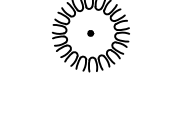
SHEET TITLE
OVERALL
LANDSCAPE PLAN

L100

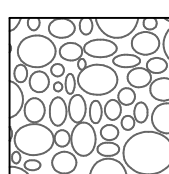
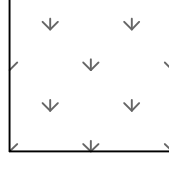
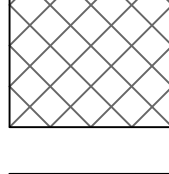
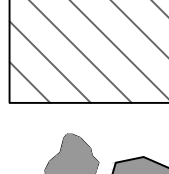
SHEET 129 OF 131



PLANT SCHEDULE

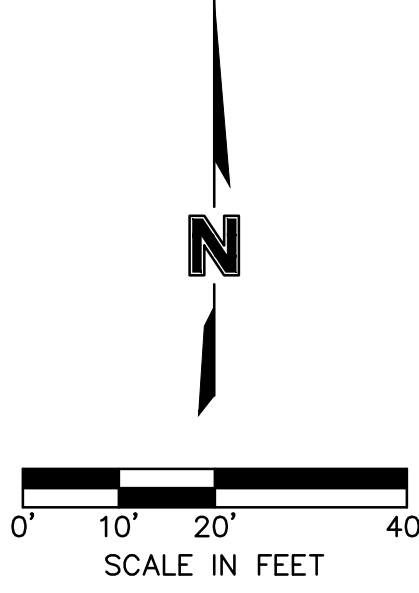
TREES	CODE	QTY	BOTANICAL / COMMON NAME	SIZE
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GROUNDCOVERS

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	TURF SOD DROUGHT TOLERANT BLEND	18,134 SF
	1-3" OSAGE BUFF	4,784 SF
	4-8" COBBLESTONE ROCK	1,811 SF
	COBBLESTONE BOULDERS	VARY

POINT TABLE			POINT TABLE			POINT TABLE		
POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING	POINT #	NORTHING	EASTING
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3	1018260.3359	2825997.3710	23	1018069.7860	2825994.5620	43	1018097.1620	2825981.8336
4	1018253.0186	2826003.4178	24	1018059.9789	2825992.6644	44	1018087.3351	2825981.8131
5	1018243.0910	2826003.0136	25	1018050.4784	2825989.5601	45	1018077.5618	2825979.7793
6	1018233.4166	2826000.5044	26	1018041.5864	2825989.8944	46	1018067.7438	2825981.3139
7	1018223.8840	2825997.8283	27	1018031.7376	2825990.4086	47	1018058.0894	2825983.8642
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9	1018204.6670	2826003.2436	29	1018013.5224	2825995.4743	49	1018043.9005	2825982.8070
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RELEASED FOR CONSTRUCTION
Development Services Department
Lee's Summit, Missouri
03/15/2024



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

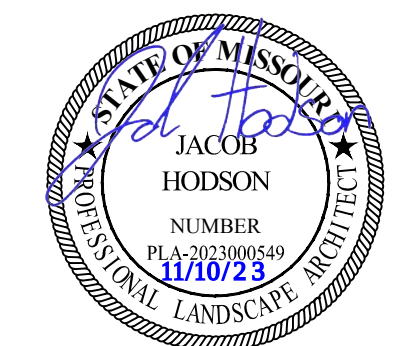


1627 MAIN STREET, SUITE 100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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



09-29-2023

LEES SUMMIT MUNICIPAL AIRPORT
LEES SUMMIT, MO

11/10/23 PER CITY COMMENTS
MARK DATE DESCRIPTION

PROJECT NO: 022-04268
CAD DWG FILE: Lee's Summit - Hangar 2.DWG

DESIGNED BY: JIH

DRAWN BY: OEM

CHECKED BY: JIH

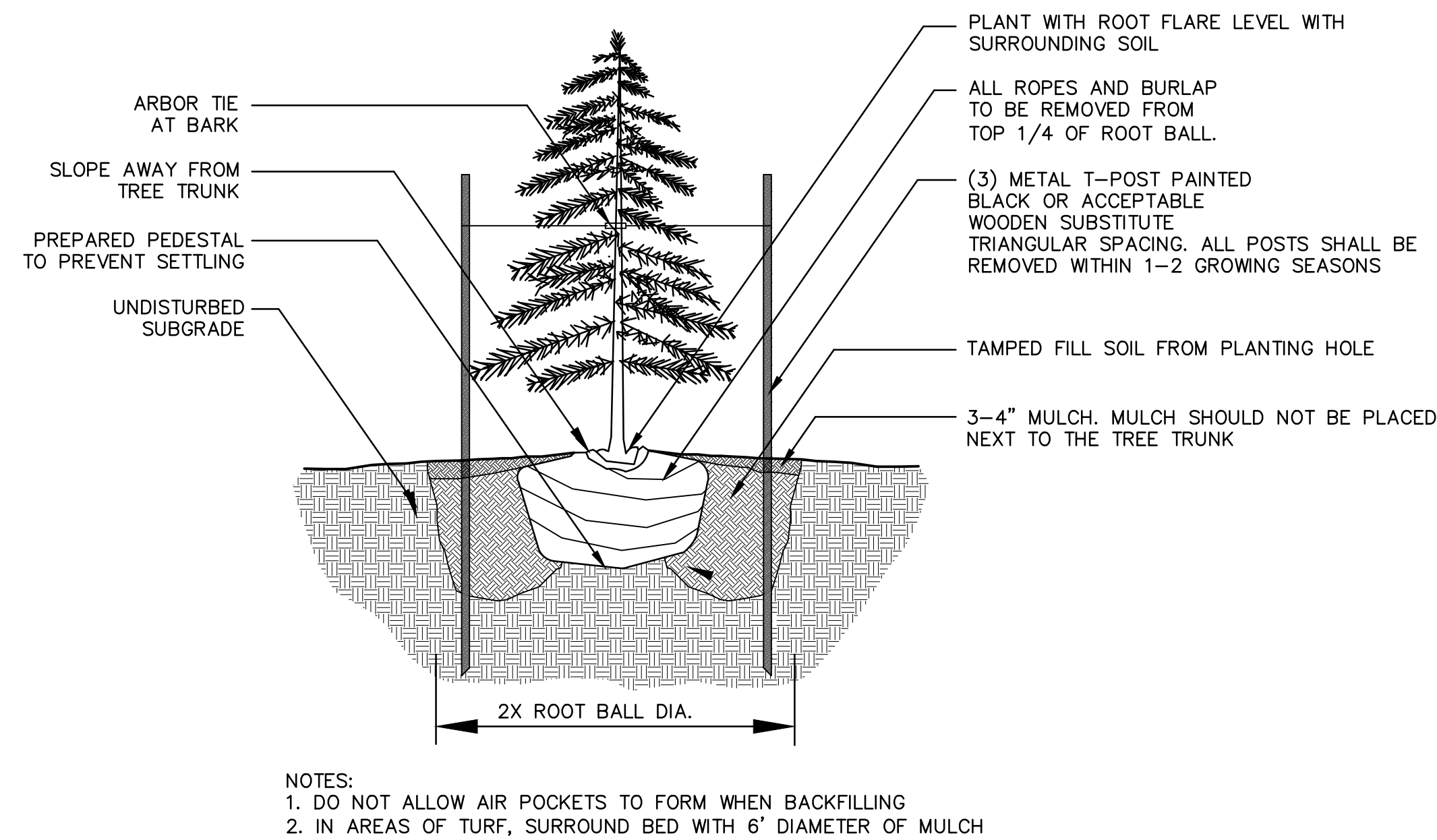
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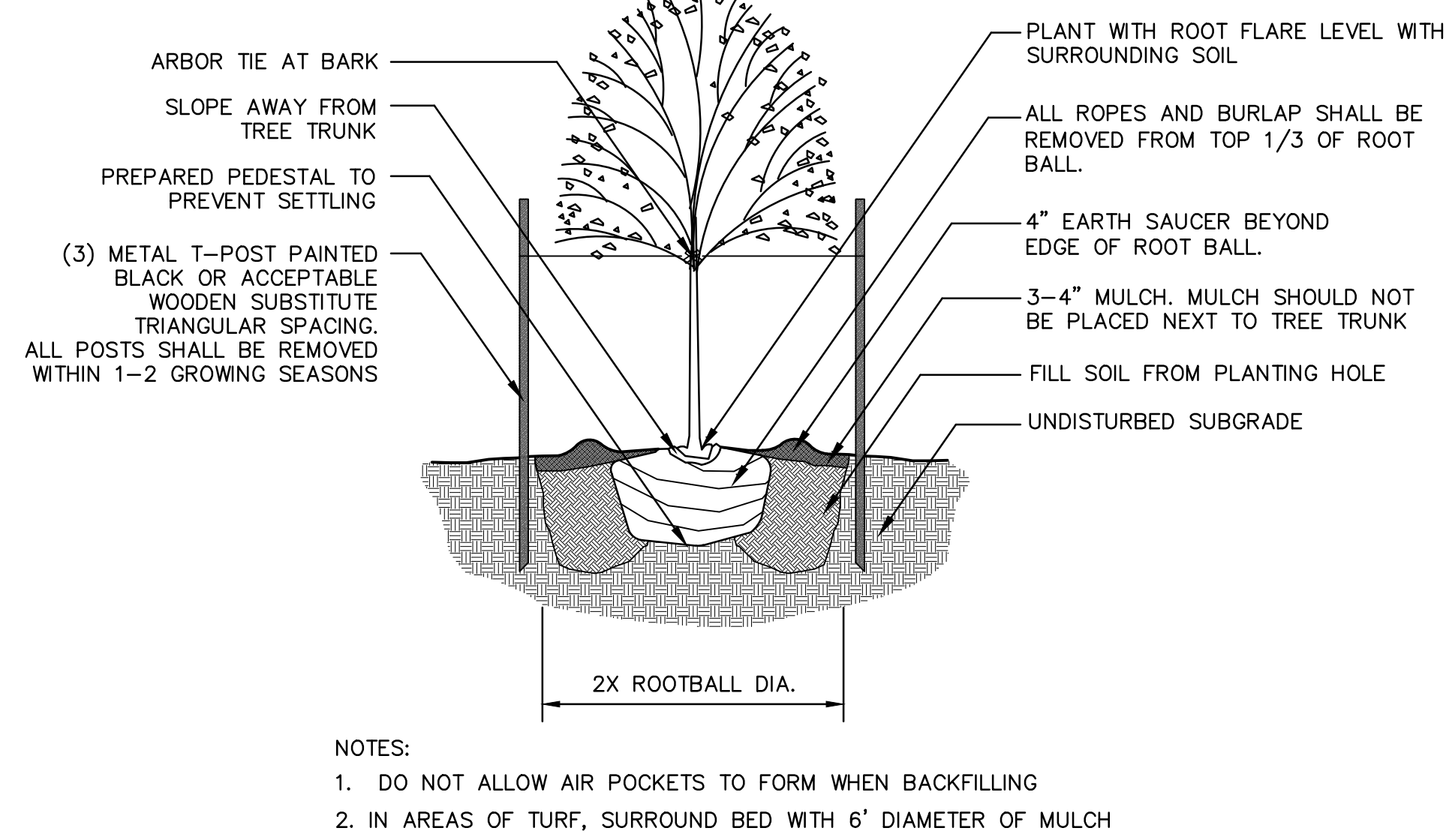
SHEET TITLE
LANDSCAPE LAYOUT
PLAN

L101

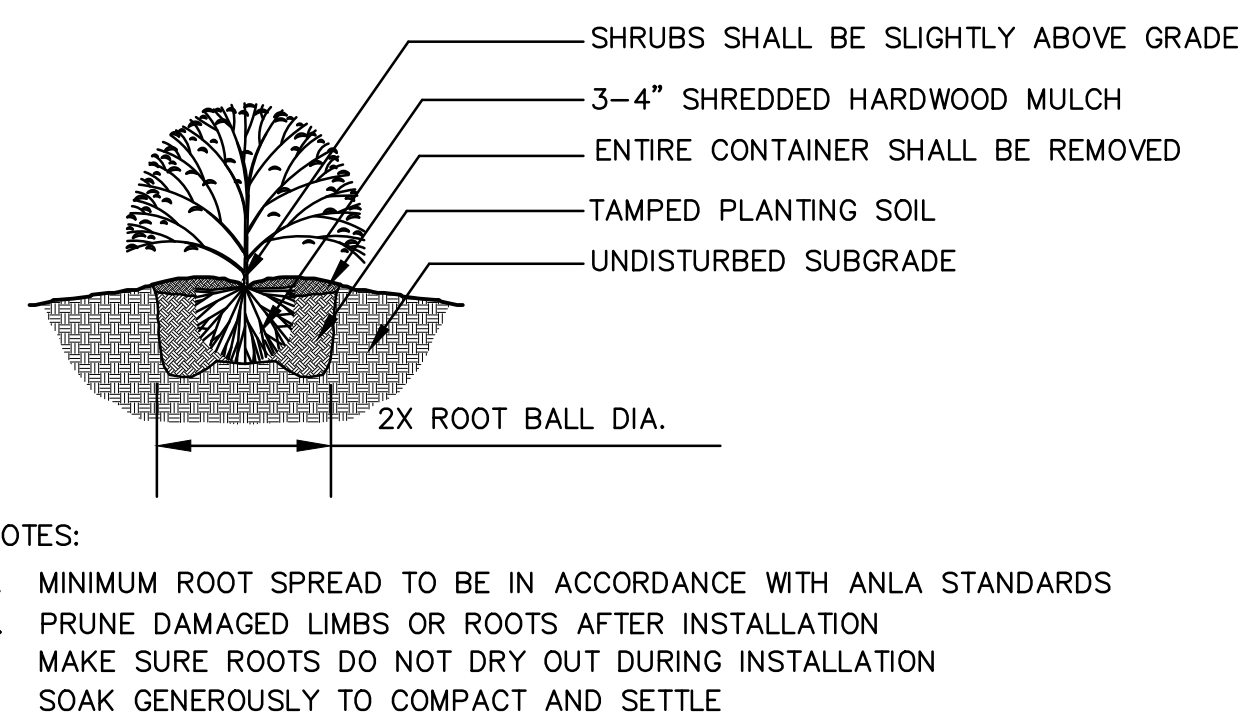
SHEET 130 OF 131



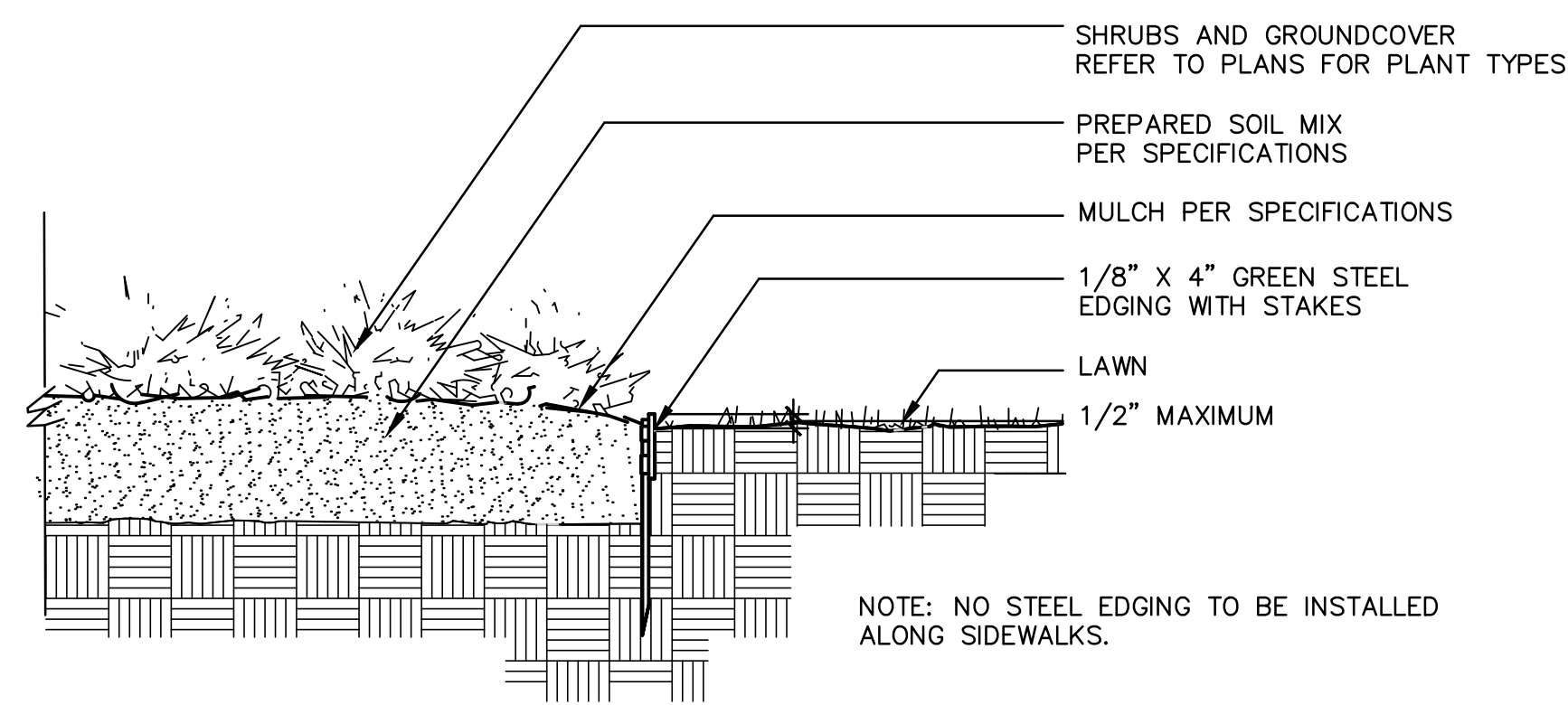
1 Evergreen Tree Planting Detail
not to scale



2 Deciduous Tree Planting Detail
not to scale



3 Shrub Planting Detail
not to scale



4 Steel Edging Detail
not to scale



1627 MAIN STREET, SUITE 600
KANSAS CITY, MO 64108

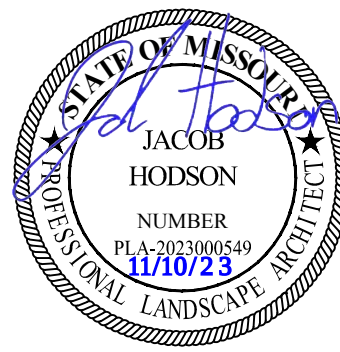


1627 MAIN STREET, SUITE 100
KANSAS CITY, MO 64108



1301 BURLINGTON STREET
NORTH KANSAS CITY, MO 64116

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



09-29-2023

LEES SUMMIT MUNICIPAL AIRPORT
LEES SUMMIT, MO

MARK	DATE	DESCRIPTION
	11/10/23	PER CITY COMMENTS

PROJECT NO:	022-04268
CAD DWG FILE:	Lee's Summit - Hangar 2.DWG
DESIGNED BY:	JIH
DRAWN BY:	GEM
CHECKED BY:	JIH
APPROVED BY:	JIH
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SHEET TITLE
LANDSCAPE DETAILS

L102

SHEET 131 OF 131

RELEASED FOR CONSTRUCTION
As noted on the drawings
Development Services Department
Lee's Summit, Missouri
6/15/2024