

MCC AUTOMOTIVE INSTITUTE

METROPOLITAN COMMUNITY COLLEGE - LONGVIEW

500 SW LONGVIEW RD.
LEE'S SUMMIT, MO, 64081

FINAL DEVELOPMENT PLAN

INDEX OF DRAWINGS

June 27th, 2024



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INDEX OF DRAWINGS

GENERAL	
G0-1	COVER SHEET
CIVIL	
C0-10	OVERALL SITE PLAN
C1-01	SITE SURVEY
C1-10	OVERALL DEMOLITION PLAN
C2-10	OVERALL SITE PLAN
C2-11	SITE LAYOUT PLAN
C2-12	SITE PAVING, STRIPING, AND SIGNAGE PLAN
C3-10	OVERALL GRADING PLAN
C3-21	SITE DISTURBANCE NOTES, QUANTITIES, AND SCHEDULE
C3-22	EROSION CONTROL PLAN PHASE I
C3-23	EROSION CONTROL PLAN PHASE II
C3-24	EROSION CONTROL PLAN PHASE III
C4-10	OVERALL UTILITY PLAN
C4-21	STORM SEWER PLAN
C4-22	STORM WATER DETENTION DETAILS
C4-31	SANITARY SEWER PLAN
C4-41	WATER MAIN AND SERVICE PLAN
LANDSCAPE	
L1-0	OVERALL LAYOUT PLAN
L1-1	ENLARGED LAYOUT PLAN
L1-2	ENLARGED LAYOUT PLAN
L2-0	OVERALL LANDSCAPE PLAN
L4-0	LANDSCAPE DETAILS
ARCHITECTURAL FDP	
A1-1	LEVEL 01 - OVERALL FLOOR PLAN
A1-2	LEVEL 02 - OVERALL FLOOR PLAN
A4-1	EXTERIOR ELEVATIONS
A4-2	EXTERIOR ELEVATIONS
ELECTRICAL DP	
E1	SITE PHOTOMETRIC PLAN
E2	PHOTOMETRIC DETAILS & SCHEDULES
E3	PHOTOMETRIC DETAILS & SCHEDULES

PROJECT TEAM

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PROJECT
STORM SEWER PLAN
STORM WATER DETENTION DETAILS

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CONTACT: BRAD LEWIS

DESIGN RENDERING (FOR REFERENCE ONLY)



VICINITY MAP



PROPERTY LEGAL DESCRIPTION

SEC-9 TWP-47 RING-32 -- PT NE 1/4 DAF. BEG NE COR SD 1/4 TH W ALG N L1 SEC 9 2094.87 TH S 03 DEG 15 MIN 09 SEC W 515.17 TO TRU POB. TH CONT S 03 DEG E 301.35 TH S 88 DEG 13 MIN 46 SEC E 1486.29 TH N 3 DEG 23 MIN 20 SEC E 322' S 87 DEG 50 MIN 38 SEC E 269.77 TH N 3 DEG 14 MIN 53 SEC E 2118.34 TH N 87 DEG 38 MIN 41 SEC W 1215.76 TH S 23 DEG 59 MIN 27 SEC E 310.25 TH N 87 DEG 41 MIN 21 SEC E 409.48 TH S 2 DEG 19 MIN 21 SEC W 47.69 N 87 DEG 41 MIN 21 SEC E 583.35 TO TRU POB.

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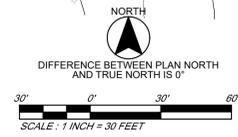
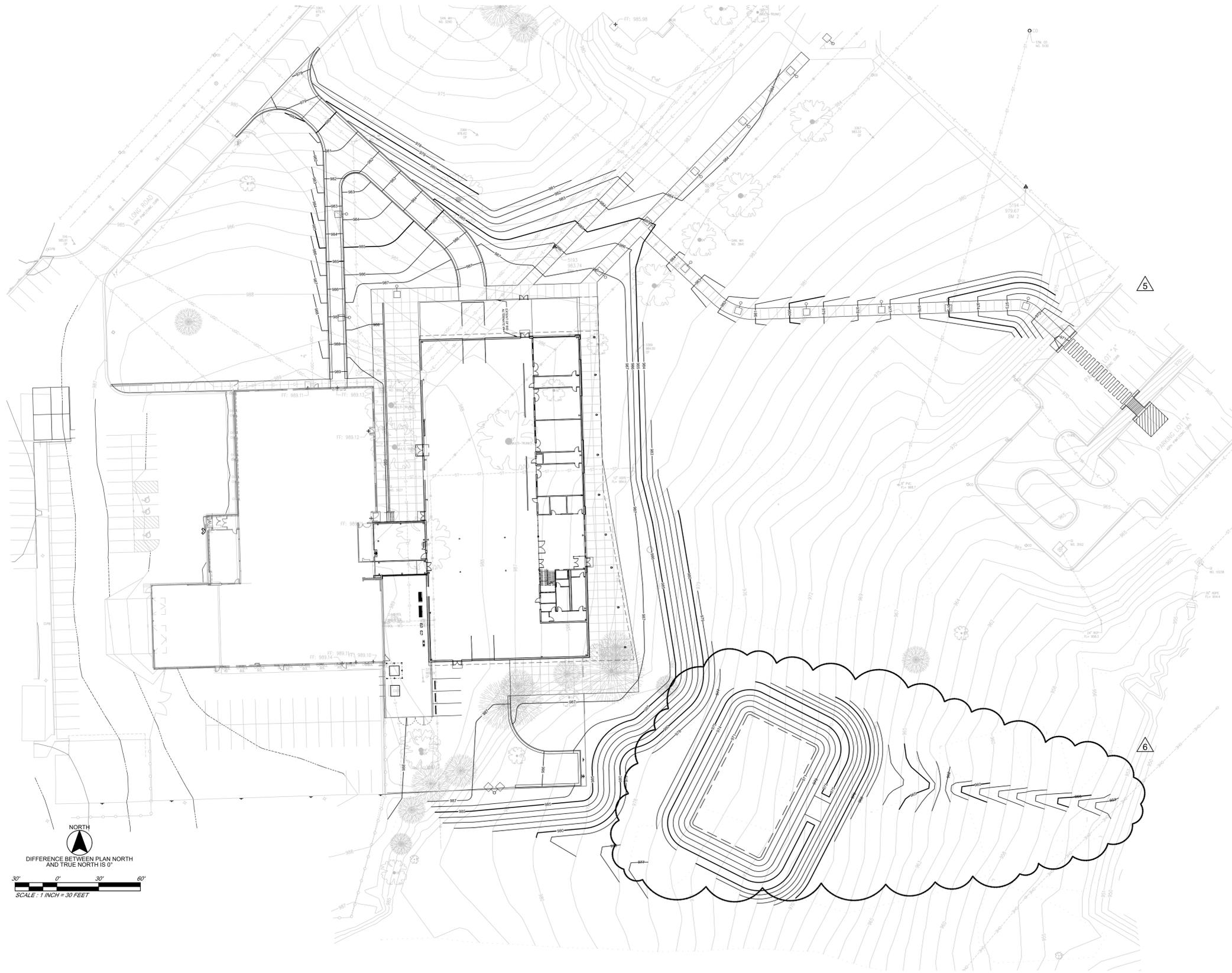
FINAL DEVELOPMENT PLAN
June 27th, 2024
REVISIONS

13-23128-00
COVER SHEET

G-0

A B C D E F

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PROJECT LOCATION

VICINITY MAP
NOT TO SCALE



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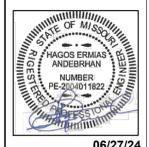
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CONTACT: BOB GREGOR

LEGAL DESCRIPTION
SEC-9 TWP-47 RNG-32 --- PT NE 1/4 DAF: BEG NE COR SD 1/4 TH W ALG N LI SEC 9 2094.87' TH S 03 DEG 15 MIN 09 SEC W 515.17' TO TRU POB. TH CONT S 03 DEG 15 MIN 09 SEC W 2353.78' TH N 57 DEG 19 MIN 13 SEC E 391.38' TH S 88 DEG 13 MIN 40 SEC E 1486.29' TH N 3 DEG 23 MIN 20 SEC E 322' S 87 DEG 50 MIN 38 SEC E 269.77' TH N 3 DEG 14 MIN 53 SEC E 2118.34' TH N 87 DEG 38 MIN 41 SEC W 1215.76' TH S 23 DEG 09 MIN 27 SEC E 310.25' TH N 87 DEG 41 MIN 21 SEC E 409.45' TH S 2 DEG 19 MIN 21 SEC W 47.69' N 87 DEG 41 MIN 21 SEC E 583.30' TO TRU POB.

TOTAL LAND AREA = 108.91 AC (APPROX. 4,744,120 SF)
THE SUBJECT PROPERTY IS NOT IN A FLOODPLAIN
NO NEW LOTS WILL BE CREATED AS A PART OF THIS DEVELOPMENT

PER THE MISSOURI DEPARTMENT OF NATURAL RESOURCES GIS DATA, THERE ARE NO OIL OR GAS WELLS LOCATED ON THE PROPOSED SITE.

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100% CONSTRUCTION DOCUMENTS
04.30.24

REVISIONS
CITY COMMENTS 03.29.24 4
FINAL DEV. PLAN 06.04.24 5
FDP RESPONSES 06.27.24 6

13-23128-00
OVERALL SITE PLAN

C0.10

PLAN PREPARATION DATE: 22 MARCH 2024
REVISION: 27 JUNE 2024

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- LEGEND**
- ASPH. ASPHALT
 - BOL. BOLLARD
 - CI. CURB INLET
 - COMM. COMMUNICATION
 - CO. CLEAN OUT
 - CONC. CONCRETE
 - EM. ELECTRIC METER
 - FF. FINISH FLOOR
 - FL. FLOW LINE
 - GI. GRATE INLET
 - GM. GAS METER
 - GR. GAS REGULATOR
 - GV. GAS VALVE
 - GW. GUY WIRE ANCHOR
 - HDE. HIGH DENSITY POLYETHYLENE
 - MH. MANHOLE
 - P/L. PROPERTY LINE
 - P.I.V. POST INDICATOR VALVE
 - PVC. POLYVINYL CHLORIDE
 - PMNT. PAVEMENT
 - RSP. REINFORCED CONC. PIPE
 - R/W. RIGHT-OF-WAY
 - SAN. SANITARY
 - STLM. STORM
 - TR. TELEPHONE RISER
 - UNK. UNKNOWN
 - VCP. VENTRIED CLAY PIPE
 - UND. UNDERGROUND
 - UND. UNDERGROUND ELECTRIC
 - UND. UNDERGROUND GAS
 - UND. UNDERGROUND OVERHEAD ELECTRIC
 - UND. UNDERGROUND OVERHEAD TELEPHONE
 - UND. UNDERGROUND CABLE TV
 - UND. UNDERGROUND UTILITIES
 - UND. UNDERGROUND PROPERTY LINE
 - UND. UNDERGROUND RIGHT-OF-WAY LINE
 - UND. UNDERGROUND SANITARY SEWER
 - UND. UNDERGROUND STORM SEWER
 - UND. UNDERGROUND COMMUNICATION
 - UND. UNDERGROUND WATER
 - UND. UNDERGROUND WATER SERVICE
 - UND. UNDERGROUND ELECTRIC MANHOLE
 - UND. UNDERGROUND WATER METER
 - UND. UNDERGROUND UTILITY POLE
 - UND. UNDERGROUND LIGHT POLE
 - UND. UNDERGROUND FIRE HYDRANT
 - UND. UNDERGROUND WATER VALVE
 - UND. UNKNOWN CONNECTION

SANITARY AND STORM SEWER STRUCTURE TABLE

KCMO NO.	T&B NO.	TOP ELEV.	FLOWLINE - IN		FLOWLINE - OUT		PIPE SIZE	PIPE MAT.	NOTES
			DIR.	DEPTH ELEV.	DIR.	DEPTH ELEV.			
MH NO. 3146	989.14	989.14	SW	5.85 973.33	NW	12.43 976.71	16"	PVC	4" DIA. CONC. BOX HOODING LIQUID, HAS E-W WEIR WALL
MH NO. 3283	979.55	979.55	S	5.80 973.75	NE	8.10 977.45	24"	PVC	4" DIA. CONC. LID ECCENTRIC TO WEST
MH NO. 3290	971.67	971.67	SW	5.40 966.92	NE	5.50 966.06	6"	PVC	4" DIA. CONC. LID ECCENTRIC TO WEST
GI NO. 3552	983.72	983.72	SE	4.85 966.77	NE	5.50 966.06	6"	PVC	4" DIA. CONC. LID ECCENTRIC TO WEST
MH NO. 3841	983.77	983.77	NE	6.05 977.74	NW	6.08 977.71	6"	PVC	4" DIA. CONC. LID ECCENTRIC TO SOUTHEAST
GI NO. 3856	988.18	988.18	N	3.00 985.38	S	2.30 985.86	12"	PVC	4" DIA. CONC. LID ECCENTRIC TO SOUTHEAST
GI NO. 3927	988.38	988.38	N	3.00 985.38	E	3.10 985.28	12"	PVC	4" DIA. CONC. LID ECCENTRIC TO SOUTHEAST
MH NO. 5057	964.07	964.07	SW	5.10 958.97	N	5.10 958.97	6"	PVC	4" DIA. CONC. LID ECCENTRIC TO SOUTHEAST
CO NO. 5130	986.72	986.72	SW	5.00 987.72	NE	5.00 987.72	6"	PVC	4" VERTICAL PVC SANITARY
CO NO. 5137	987.22	987.22	SW	4.60 987.67	NE	4.60 987.67	6"	PVC	4" VERTICAL PVC STORM
GI NO. 10238	958.31	958.31	NE	1.80 954.50	SW	3.85 954.47	24"	HDPE	4" DIA. CONC. LID ECCENTRIC TO WEST
GI NO. 10247	973.33	973.33	NW	3.75 970.58	SW	4.00 969.33	12"	HDPE	4" DIA. CONC. LID ECCENTRIC TO WEST

HORIZONTAL CONTROL

PROJECT COORDINATES SHOWN HEREON ARE BASED ON THE MISSOURI COORDINATE SYSTEM OF 1983, WEST ZONE, NAD83 2011 ADJUSTMENT, AS DETERMINED FROM GPS OBSERVATIONS USING THE MISSOURI DEPARTMENT OF TRANSPORTATION COMMISSION GLOBAL NAVIGATION SATELLITE REAL-TIME NETWORK AND TIED TO CONTROL MONUMENT JA-96 OF THE JACKSON COUNTY GEOGRAPHIC REFERENCE SYSTEM. PROJECT CONTROL IS BASED ON MISSOURI COORDINATE SYSTEM COORDINATE VALUES FOR CONTROL PT. NO. 201 AND USED AS THE BASE POINT FOR SCALING. A GRID FACTOR OF 0.9998997 WAS USED.

PROJECT CONTROL

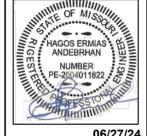
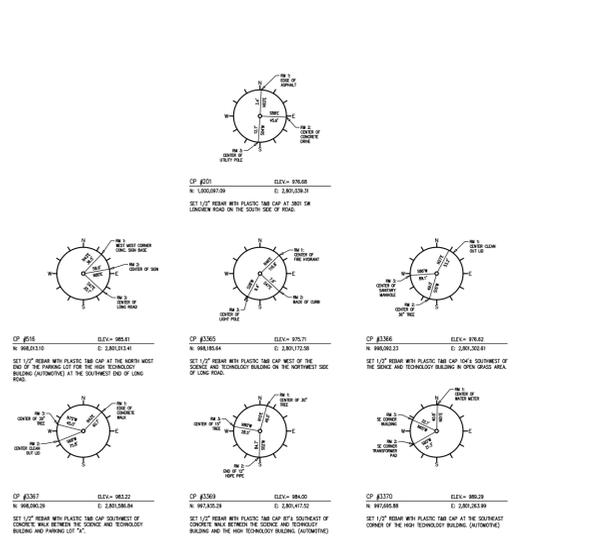
NAME	GRID COORDINATES		PROJECT COORDINATES	
	NORTHING (usFT)	EASTING (usFT)	NORTHING (usFT)	EASTING (usFT)
CP #201 (BASE PT. FOR SCALING)	1,000,097.09	2,801,039.31	1,000,097.09	2,801,039.31
JA-96	1,000,821.54	2,794,091.51	1,000,821.62	2,794,090.81

PROJECT BENCHMARK

KCMO INDEX RECORD 4374: JACKSON COUNTY GEOGRAPHIC REFERENCE MONUMENT JA-96 LOCATED 172.5± EAST OF THE CENTERLINE OF RAYTOWN ROAD AND 204± SOUTH OF THE CENTERLINE OF LONGVIEW ROAD. ELEV. = 963.52

VERTICAL CONTROL

- BM #1 (CONTROL POINT #000)**
SET A CUT SQUARE 258± SOUTH OF SCIENCE AND TECHNOLOGY BUILDING ENTRANCE ON THE NORTHWEST EDGE OF A CONCRETE WALK SOUTHEAST OF A LIGHT POLE. ELEV. = 983.74
- BM #2**
SET A CUT SQUARE ON THE TOP WEST SIDE OF A LIGHT POLE BASE ON THE NORTHEAST SIDE OF A CONCRETE WALK RUNNING BETWEEN A PARKING LOT "A" AND THE SCIENCE AND TECHNOLOGY BUILDING ENTRANCE, 97± NORTHWEST OF NORTHWEST PARKING LOT CURB ALSO THE SECOND POLE NORTHWEST OF LOT. ELEV. = 979.67



06/27/24

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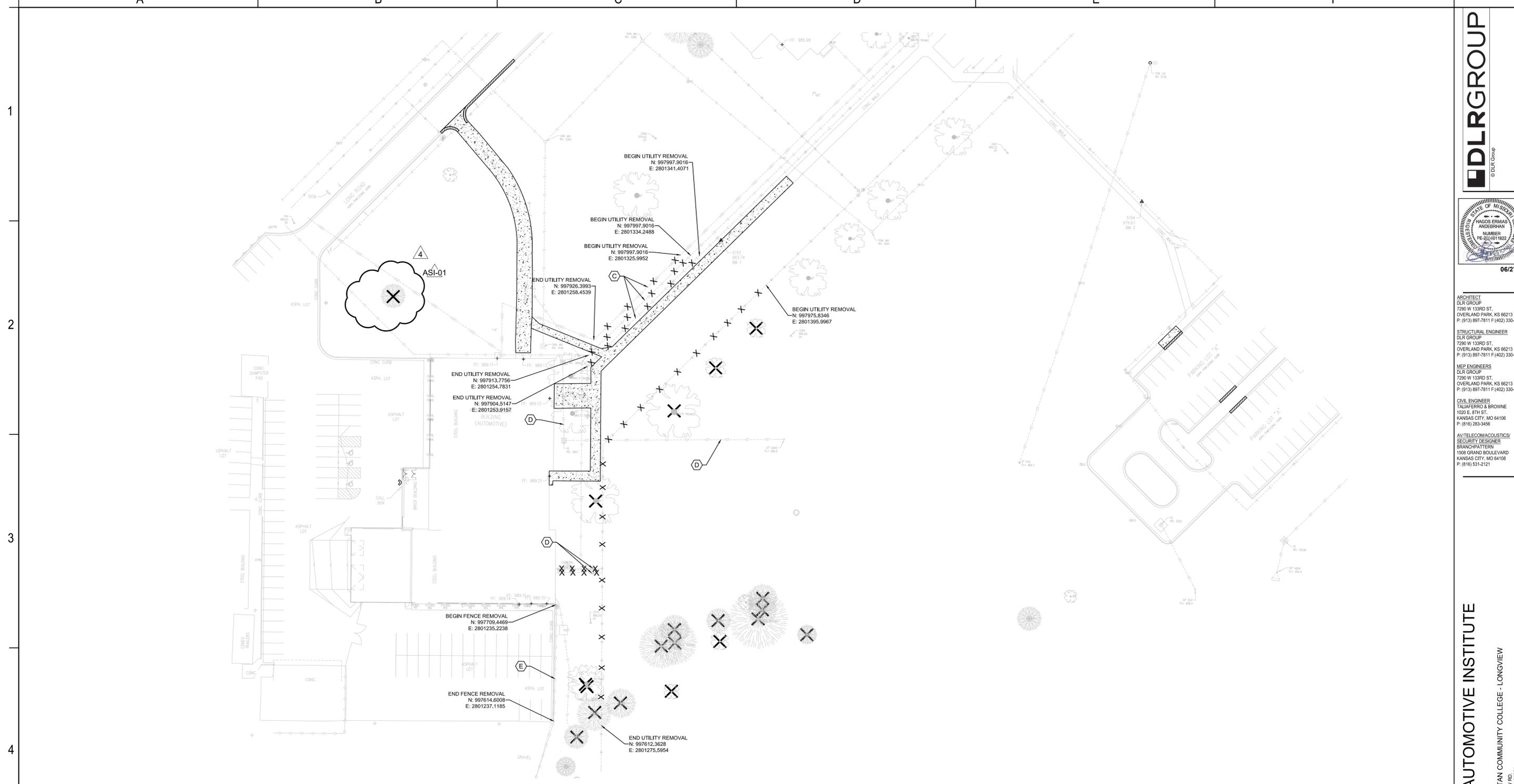
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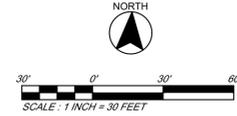
REVISIONS

13-23128-00
SITE SURVEY



DEMOLITION NOTES - GENERAL

- ALL DEMOLITION SHALL CONFORM TO LEE'S SUMMIT, MISSOURI BUILDING CODES. CODES ARE AVAILABLE AT THE PUBLIC WORKS DEPARTMENT, CITY HALL, LEE'S SUMMIT, MO.
- THE DEMOLITION CONTRACTOR SHALL BE LICENSED IN LEE'S SUMMIT, MO.
- THE REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE IN ACCORDANCE WITH ALL REGULATIONS AND ORDINANCES OF LEE'S SUMMIT, MO.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES, DRAINAGE STRUCTURES, PAVING, TREES TO REMAIN, AND TREES ADJACENT TO PROJECT LIMITS. DAMAGE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- WHERE EXISTING ASPHALT OR CONCRETE SURFACE IS TO BE REMOVED AND ADJACENT ASPHALT OR CONCRETE SURFACE IS TO REMAIN, THE EXISTING SURFACE SHALL BE CUT ALONG NEAT LINES (FULL DEPTH SAW CUT).
- WHERE EXISTING STRUCTURES, PAVING OR ROADWAYS ARE TO BE REMOVED WHICH ARE ADJACENT TO WALLS OR STRUCTURES TO REMAIN, THE CONTRACTOR SHALL PROVIDE SHORING AS NECESSARY TO PROTECT AND NOT DAMAGE STRUCTURES OR ROADWAY TO REMAIN.
- FOR CURB AND SIDEWALKS, SAWCUT TO NEAREST CONSTRUCTION OR EXPANSION JOINT, REMOVE CONCRETE CURB AND SIDEWALK FOR NEW CONSTRUCTION.
- DIMENSIONS GIVEN ARE APPROXIMATE AND MAY REQUIRE ADJUSTMENT TO ACCOMMODATE ACTUAL CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR NEW CONSTRUCTION.
- UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS FROM THE BEST AVAILABLE RECORDS. THE EXACT LOCATIONS AND ELEVATIONS OF THESE UTILITIES OR THE COMPLETENESS OF THE INFORMATION IS NOT GUARANTEED. NOTE THAT SERVICE LINES MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL SURFACE UTILITIES WITHIN THE PROJECT AREA DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY AND COORDINATE WITH UTILITY COMPANIES PRIOR TO COMMENCING REQUIRED WORK IN THE VICINITY OF SUCH UTILITIES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTROL STORM WATER, SILT, AND EROSION DURING CONSTRUCTION.
- PIPES TO BE ABANDONED IN PLACE SHALL BE FILLED WITH NON-SHRINKABLE GROUT OR FLY ASH AND PLUGGED AT THE ENDS WITH CONCRETE.
- EXISTING OVERHEAD AND UNDERGROUND ELECTRIC LINES, TELEPHONE LINES, CABLE TV LINES, ETC., AND APPURTENANCES TO BE REMOVED / RELOCATED BY OTHERS.
- THE CONTRACTOR SHALL CLEAR THE ENTIRE AREA WITHIN THE LIMITS OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL ADJUST AS NECESSARY, ALL MANHOLE LIDS, VALVE BOXES, ETC. TO REMAIN.
- THE CONTRACTOR SHALL REMOVE ADDITIONAL ITEMS, AS NECESSARY, TO COMPLETE CONSTRUCTION OF PROPOSED WORK. CONTRACTOR SHALL OBTAIN APPROVAL FOR REMOVAL OF SUCH ITEMS FROM THE ARCHITECT OR ENGINEER. REMOVAL OF SUCH ITEMS SHALL BE AT NO ADDITIONAL COST.
- PRIOR TO BEGINNING DEMOLITION WORK OR SERVICE OUTAGES, THE CONTRACTOR SHALL PROVIDE, AT A MINIMUM, SEVENTY-TWO (72) HOURS ADVANCE NOTICE TO THE OWNER'S REPRESENTATIVE FOR PURPOSE OF VERIFYING UTILITY LOCATIONS INCLUDING, BUT NOT LIMITED TO, GAS, CABLE, TELECOMMUNICATIONS, ELECTRIC, WATER, STEAM, AND SEWER. THE CONTRACTOR SHALL MINIMIZE THE NUMBER OF OUTAGES AND RELATED WORK SHALL BE CONTINUOUS UNTIL THE UTILITY IS RESTORED.
- CONTRACTOR SHALL REMOVE EXISTING STORM SEWER STRUCTURES AND ASSOCIATED PIPING WITHIN THE SITE WHERE SHOWN. CONTRACTOR SHALL ENSURE THAT ANY STORM SEWER PIPING THAT ORIGINATES OUTSIDE THE LIMITS OF CONSTRUCTION AND CARRIES FLOWS THROUGH THE SITE REMAINS UNDISTURBED. ALL PIPING THAT ORIGINATES ON SITE SHALL BE REMOVED / ABANDONED AS NECESSARY AND CAPPED AT THE PROPERTY LINE.



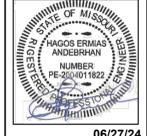
SITE DEMOLITION NOTES:

- (A) EXISTING SIGN & POST TO BE REMOVED IN ITS ENTIRETY.
- (B) EXISTING WATER METER TO BE RELOCATED
- (C) EXISTING UTILITY TO BE RELOCATED AROUND NEW BUILDING
- (D) EXISTING STORM LINE TO BE REMOVED IN ITS ENTIRETY
- (E) EXISTING FENCE TO BE REMOVED

LEGEND:

- EXISTING CONCRETE SURFACE TO BE REMOVED IN ITS ENTIRETY
- EXISTING CURB TO BE REMOVED.
- EXISTING TREE / STUMP TO BE REMOVED.
- EXISTING UTILITY TO BE REMOVED

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06/27/24

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CONSTRUCTION
DOCUMENTS
04.26.24

REVISIONS
CITY COMMENTS 03.29.24 4
ASI-01 04.26.24

13-23128-00
**OVERALL
DEMOLITION
PLAN**

1

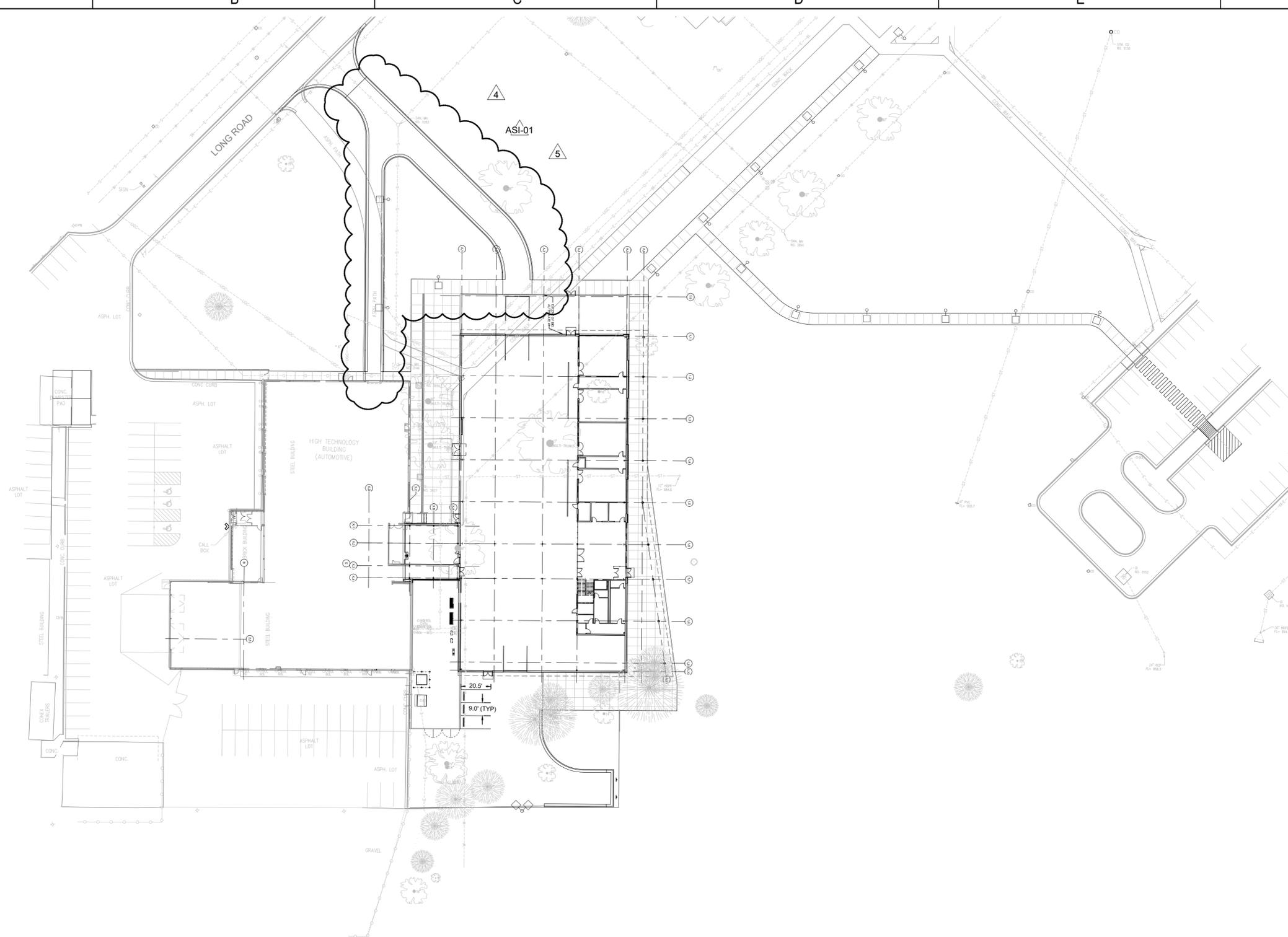
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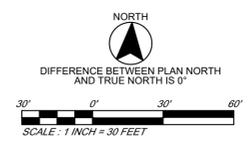
GENERAL NOTES:

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS, DESIGN CRITERIA, AND STANDARD DRAWINGS OF THE CITY OF LEE'S SUMMIT, MO. THE FOLLOWING SPECIFICATIONS.
2. UTILITY LOCATIONS ARE TAKEN FROM UTILITY COMPANY RECORDS. THEY ARE APPROXIMATE ONLY AND DO NOT CONSTITUTE ACTUAL FIELD LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION AND SHALL COORDINATE ALL WORK WITH THE APPROPRIATE UTILITY COMPANIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING FACILITIES DESIGNATED TO REMAIN SUCH AS CURBING, PAVEMENT, SEWERS AND UTILITIES. ANY DAMAGE DONE TO THE ABOVE FACILITIES BY THE CONTRACTOR'S PERSONNEL OR EQUIPMENT SHALL BE REPAIRED TO ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
4. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EXISTING SEWERS, UTILITIES AND ACCESS ROADWAYS DURING ALL PHASES OF CONSTRUCTION.
5. REMOVE ALL EXISTING STREET SIGNS WITHIN THE CONSTRUCTION LIMITS AND DELIVER TO THE CITY OF LEE'S SUMMIT, MISSOURI, PUBLIC WORKS DEPARTMENT.
6. PROTECT EXISTING UTILITIES THAT ARE TO REMAIN AT ALL TIMES. FOR COORDINATION REFER TO "UTILITY SITE PLANS" AND "SPECIFICATIONS", THIS CONTRACT.
7. SAVE AND PROTECT ALL EXISTING TREES THAT ARE DESIGNATED TO REMAIN ("S") DURING ALL PHASES OF THE CONSTRUCTION.
8. REMOVAL AND DISPOSAL OF EXISTING TREES SHALL COMPLY WITH ALL REGULATIONS OF THE CITY OF LEE'S SUMMIT, MISSOURI.
9. THE CONTRACTOR SHALL INFORM THE PUBLIC WORKS DEPARTMENT STREET AND TRAFFIC DIVISION, CITY HALL, LEE'S SUMMIT, MISSOURI AT LEAST ONE WEEK PRIOR TO ANY STREET CLOSURE.
10. THE CONTRACTOR SHALL ESTABLISH ALL HORIZONTAL AND VERTICAL CONTROL IN CONFORMANCE WITH THE PLANS. VARIATIONS WILL REQUIRE ADVANCE APPROVAL IN WRITING FROM THE ENGINEER.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING FEES AND OBTAINING ALL NECESSARY PERMITS IN ACCORDANCE WITH THE ORDINANCES OF THE CITY OF LEE'S SUMMIT, MISSOURI.
12. ALL WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE WATER SERVICES DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI.
13. PRIOR TO ORDERING PRECAST STRUCTURES, SHOP DRAWINGS SHALL BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL. THE DESIGN ENGINEER SHALL INDICATE APPROVAL OF THE SHOP DRAWINGS AND THEN SUBMIT THEM TO WATER SERVICES DEPARTMENT.
14. ALL STREET CUT RESTORATION SHALL BE IN CONFORMANCE WITH THE CITY OF LEE'S SUMMIT, MO. STANDARDS AND ENGINEER'S APPROVAL.
15. AT NO TIME SHALL ANY ACCESS TO OCCUPIED LOCAL BUSINESSES OR RESIDENCES BE CLOSED WITHOUT WRITTEN STATEMENTS FROM THE OWNER(S) AND THE ENGINEER'S APPROVAL.
16. THE CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND MAINTENANCE (MARKING, SIGNS & DEVICES FOR DETOURS & LOCAL TRAFFIC CONTROLS) IN ACCORDANCE WITH AND APPROVAL OF THE STREETS AND TRAFFIC DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN A CITY APPROVED TRAFFIC (DETOUR) CONTROL PLAN PRIOR TO BEGINNING CONSTRUCTION.
17. THE CONTRACTOR MUST REMOVE, AT THEIR COST, ANY UNSUITABLE SUBSURFACE SOIL WHICH WOULD NOT BE ABLE TO SUPPORT ANY PROPOSED PUBLIC IMPROVEMENT. BACKFILL SHALL BE ACCOMPLISHED IN ACCORDANCE WITH LEE'S SUMMIT, MO STANDARDS AND GUIDELINES.
18. ALL WORK OCCURRING INSIDE STATE (MODOT) RIGHT-OF-WAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH MODOT REQUIREMENTS.
19. PROVIDE EXPANSION JOINT AT ALL PC & PT OF CURB AND GUTTER.
20. PROVIDE CURB CONTRACTION JOINTS AT 10' MAXIMUM CENTERS.

COLUMN GRID LAYOUT

GRID INTERSECTION	NORTHING	EASTING	NOTES
A.1 / 1.0	997969.82	2801261.46	1,2
A.5 / 1.10	997714.23	2801382.12	1,2

- NOTES:**
1. EXACT BUILDING LAYOUT AND DIMENSIONS SHALL BE COORDINATED WITH AND BASED ON ARCHITECTURAL AND STRUCTURAL DRAWINGS.
 2. COLUMN GRID AS SHOWN PROVIDED BY DLR GROUP



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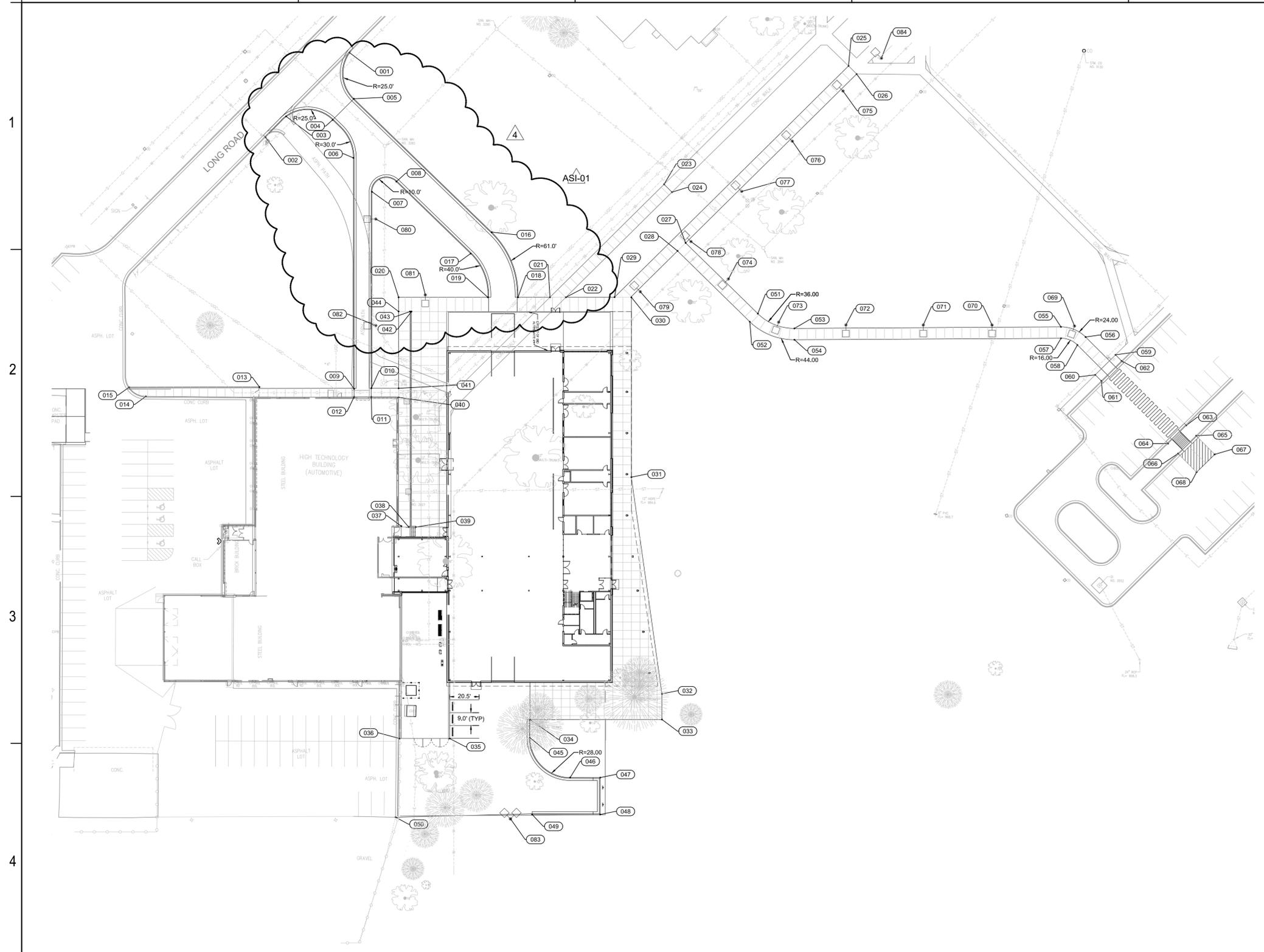
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REVISIONS	CITY COMMENTS	DATE
1	RESPONSE	04.26.24
2	RESPONSE	04.26.24
3	RESPONSE	04.26.24
4	RESPONSE	04.26.24
5	RESPONSE	04.26.24

13-23128-00
OVERALL SITE PLAN

C2.10



4
ASI-01

Point Table		
Point #	Northing	Easting
001	998151.45	2801187.03
002	998090.21	2801130.22
003	998105.26	2801144.18
004	998103.70	2801176.74
005	998119.00	2801191.12
006	998077.35	2801192.00
007	998053.89	2801205.68
008	998061.53	2801222.46
009	997914.77	2801197.23
010	997915.48	2801209.22
011	997909.50	2801209.39
012	997909.15	2801197.40
013	997914.09	2801131.17
014	997905.17	2801052.11
015	997911.31	2801040.20
016	998027.81	2801289.99
017	998012.37	2801275.75
018	997982.54	2801309.67
019	997981.92	2801288.68
020	997980.11	2801226.41
021	997983.19	2801331.95
022	997983.51	2801343.06
023	998065.08	2801409.24
024	998059.72	2801414.93
025	998152.17	2801535.51
026	998146.67	2801541.32
027	998024.24	2801425.53
028	998018.43	2801420.03
029	997984.60	2801377.03
030	997984.84	2801388.76
031	997858.16	2801392.45
032	997706.21	2801418.23
033	997688.16	2801418.76
034	997685.48	2801326.75
035	997670.41	2801271.09
036	997669.42	2801236.20
037	997819.02	2801232.98
038	997818.52	2801238.15
039	997818.67	2801243.15
040	997909.85	2801228.41
041	997916.06	2801228.27
042	997970.38	2801235.69
043	997970.35	2801234.70
044	997970.11	2801228.70
045	997672.60	2801327.11
046	997645.41	2801355.89
047	997646.00	2801376.88
048	997620.01	2801377.62
049	997618.66	2801330.14
050	997613.96	2801234.95
051	997975.92	2801477.33
052	997970.07	2801471.87
053	997966.26	2801503.13
054	997958.27	2801503.41
055	997972.71	2801689.05
056	997966.12	2801706.42
057	997964.72	2801689.33
058	997960.32	2801700.91
059	997954.17	2801727.70
060	997939.66	2801713.93
061	997935.50	2801718.30
062	997950.00	2801732.08
063	997905.93	2801778.50
064	997892.79	2801766.16
065	997898.86	2801785.60
066	997885.92	2801773.30
067	997886.11	2801798.95
068	997873.17	2801786.66
069	997973.58	2801698.51
070	997972.62	2801640.95
071	997971.22	2801592.97
072	997969.64	2801538.99
073	997970.30	2801492.04
074	997999.70	2801456.10
075	998134.44	2801532.12
076	998098.07	2801497.81
077	998061.63	2801463.57
078	998025.33	2801429.19
079	997988.96	2801394.88
080	998034.73	2801208.86
081	997982.32	2801244.96
082	997959.76	2801211.04
083	997615.10	2801315.15
084	998158.25	2801558.28



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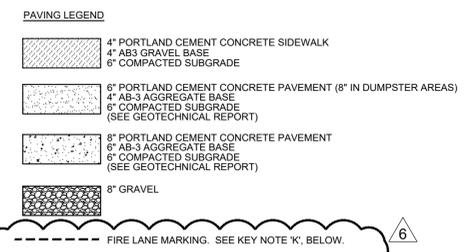
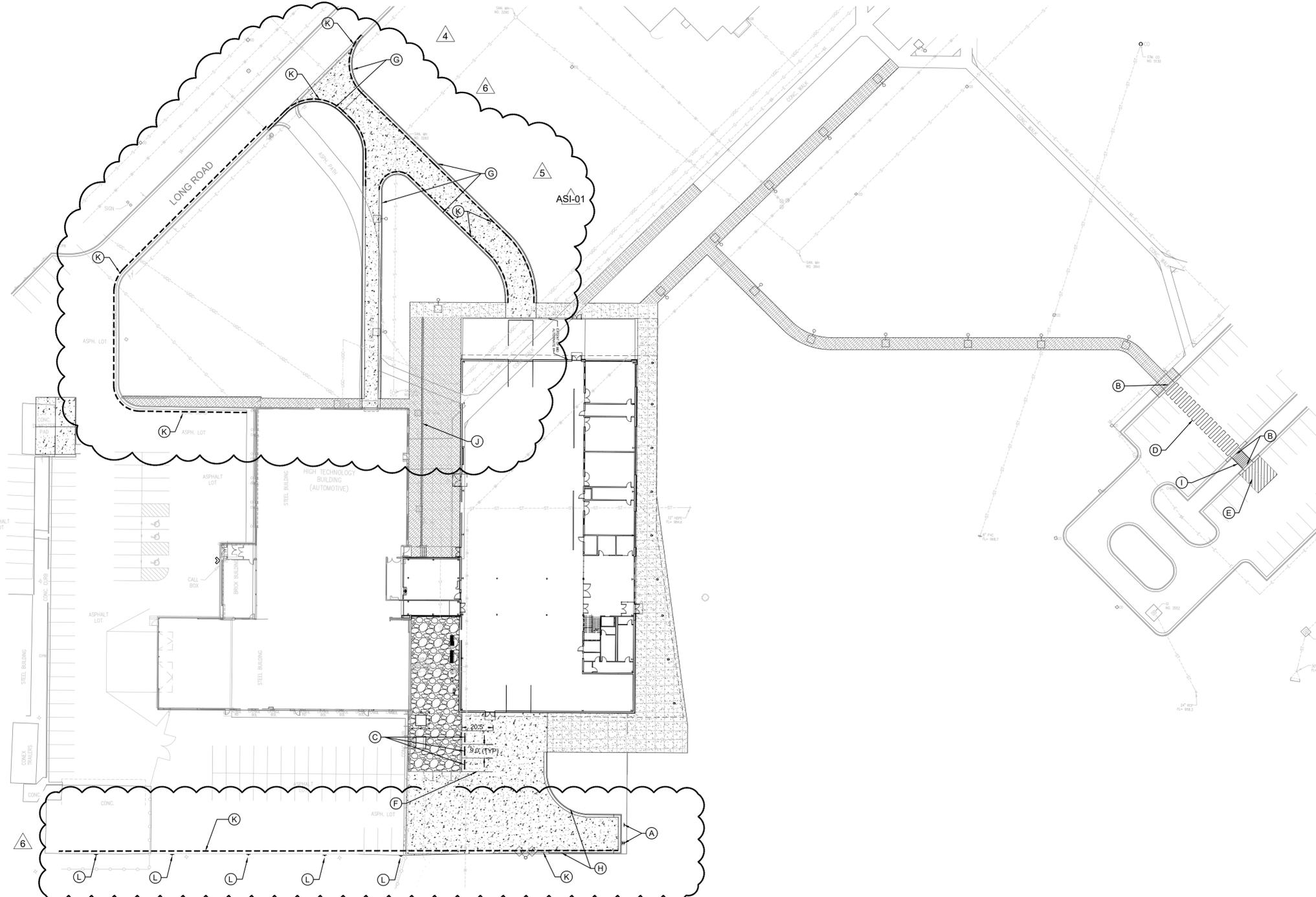
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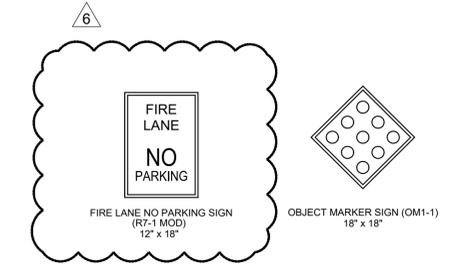
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04.26.24

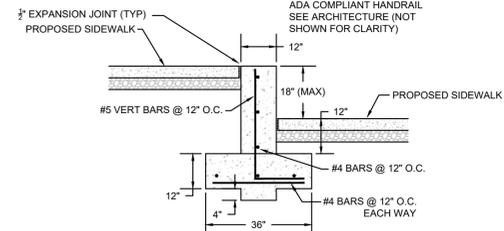
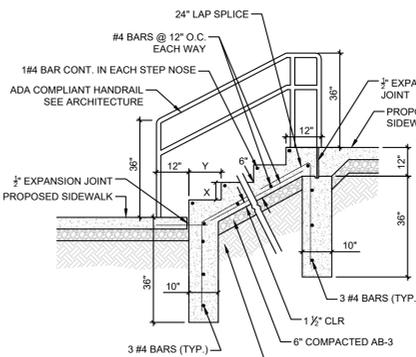
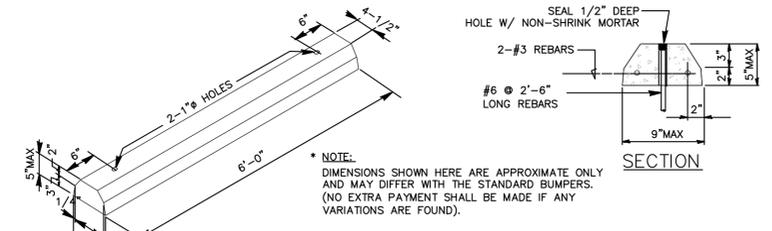
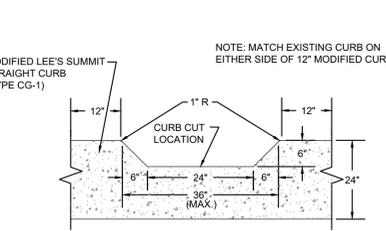
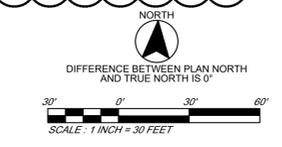
REVISIONS
CITY COMMENTS 03.29.24 4
ASI-01 04.26.24



- KEY NOTES:**
- (A) OBJECT MARKER SIGN - (OM-1) 18" x 18"
 - (B) CURB OPENING (SEE DETAIL 1 THIS SHEET)
 - (C) PARKING WHEELSTOP (SEE DETAIL 2 THIS SHEET)
 - (D) NEW CROSSWALK STRIPING (WHITE). CROSSWALK BARS SHALL BE 24" WIDE AND 10' LONG WITH 2' BETWEEN BARS. ALIGN NEW CROSSWALK WITH RAMPS.
 - (E) ALL STRIPING TO BE 4" WIDE WITH 2' BETWEEN DIAGONAL STRIPES.
 - (F) 4" SOLID WHITE (TYP)
 - (G) LEE'S SUMMIT TYPE CG-1 CURB
 - (H) LEE'S SUMMIT TYPE CG-1 DRY CURB
 - (I) CONCRETE STAIR AND HANDRAIL (SEE DETAIL 3 THIS SHEET)
 - (J) COURTYARD WALL AND SIDEWALKS (SEE DETAIL 4 THIS SHEET)
 - (K) ALL CURBS AND CURB ENDS SHALL BE PAINTED RED WITH FOUR INCH (4") WHITE LETTERING STATING "FIRE LANE—NO PARKING". WORDING SHALL NOT BE SPACED MORE THAN FIFTEEN FEET (15') APART. WHERE NO CURB EXISTS OR A ROLLED CURB IS INSTALLED, A 6-INCH (6") WIDER PAINTED RED STRIPE APPLIED TO THE CONCRETE OR ASPHALT WITH FOUR INCH (4") WHITE LETTERING STATING "FIRE LANE—NO PARKING".
 - (L) A SIGN TWELVE (12") WIDE AND EIGHTEEN INCHES (18") IN HEIGHT SHALL BE MOUNTED ON A METAL POST SET IN CONCRETE AT A MINIMUM DEPTH OF EIGHTEEN INCHES (18") SET BACK ONE FOOT (1') IN FROM THE EDGE OF THE ROADWAY WITH THE BOTTOM OF THE SIGN BEING SEVEN FEET (7') FROM FINISHED GRADE. SIGNS SHALL FACE ONCOMING TRAFFIC. SPACING BETWEEN SIGNS SHALL NOT EXCEED FIFTY FEET (50') BETWEEN SIGNS. SIGNS SHALL BE REFLECTIVE MATERIAL WITH A WHITE COLOR BACKGROUND WITH SYMBOLS, LETTERS AND BORDER IN RED COLOR. "FIRE LANE—NO PARKING".



- GENERAL SIGNAGE NOTES:**
- ALL SIGNS AND PAVEMENT MARKINGS SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
 - ALL SIGNS AND PAVEMENT MARKINGS SHALL BE LOCATED AS SHOWN ON THE PLANS. FINAL LOCATIONS WILL BE DETERMINED BY THE ENGINEER OR CITY INSPECTOR AS NECESSARY.
 - ALL SIGNS SHALL BE MOUNTED WITH THE BOTTOM SEVEN (7) FEET ABOVE THE ADJACENT TOP OF CURB.
 - SIGNS PLACED ON THE SIDE OF THE ROAD SHALL TYPICALLY BE PLACED TWO (2) FEET FROM THE BACK OF CURB.
 - ALL POSTS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION TO COMPLY WITH THE REQUIREMENTS OF ASTM A-123 AND POWDER COATED WITH GREEN COLOR.
 - ALL STANDARD SIGN STEEL POSTS SHALL HAVE A UNIFORM CROSS SECTION AND THE FLANGES AT THE OPEN END OF THE "U" SHALL BE FLAT AND IN THE SAME PLANE. THE BACK OF THE POST SHALL BE FLAT AND PARALLEL TO THE PLANE OF THE FLANGES. ROUND HOLES 3/8 INCH DIAMETER SHALL BE PUNCHED OR DRILLED ON CENTERLINE AT ONE (1) INCH SPACING STARTING ONE (1) INCH FROM THE TOP OF THE POST.
 - WHERE SIGNS ARE TO BE INSTALLED IN SIDEWALK, THE CONTRACTOR SHALL INSTALL A 6 INCH LONG SECTION OF 4 INCH DIAMETER SCHEDULE 40 PVC CONDUIT PRIOR TO PAVING. THE CONDUIT SHALL BE BACKFILLED WITH A GRANULAR MATERIAL AND THE TOP OF CONDUIT SHALL BE FLUSH WITH THE PAVED SURFACE. REFER TO PLANS FOR LOCATION OF SIGN IN THE SURFACE.
 - SIGNS REMOVED SHALL BE SALVAGED AND RETURNED TO OWNER.
 - THE EXACT LOCATIONS OF SIGNS CAN BE DETERMINED DURING CONSTRUCTION PER THE ENGINEER'S DIRECTION.



1 CURB OPENING IN LEE'S SUMMIT TYPE CG-1 CURB
NOT TO SCALE

2 PRECAST PARKING BUMPER (WHEELSTOP)
NOT TO SCALE

3 CONCRETE STAIR AND HANDRAIL
NOT TO SCALE

4 COURTYARD WALL AND SIDEWALKS
NOT TO SCALE



06/27/24

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REVISIONS

CITY COMMENTS	03.29.24	4
POP RESPONSE	04.09.24	5
ASI-01	04.30.24	5
FDP COMMENTS	06.27.24	6

13-23128-00

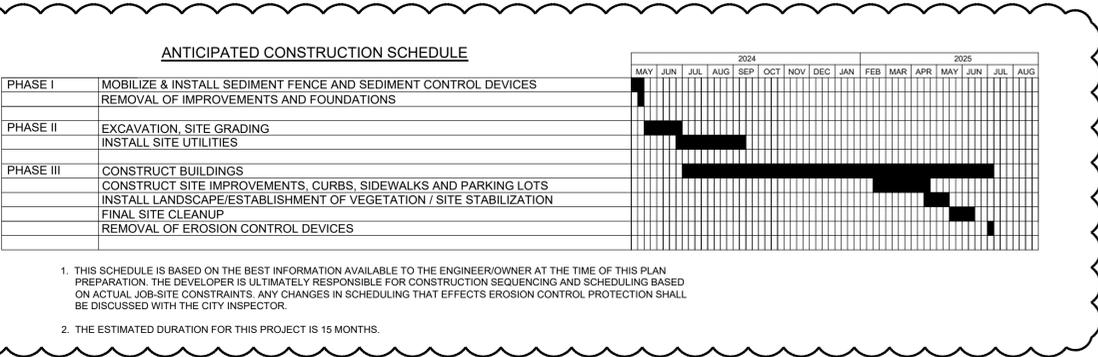
SITE PAVING, STRIPING, AND SIGNAGE PLAN

PROPERTY DESCRIPTION (PER JACKSON COUNTY PARCEL VIEWER)

SEC-9 TWP-47 RING-32 --- PT NE 1/4 DAF: BEG NE COR SD 1/4 TH W ALG N LI SEC 9 2094.87 TH S 03 DEG 15 MIN 09 SEC W 515.17 TO TRU POB. TH CONT S 03 DEG 15 MIN 09 SEC W 2353.78 TH N 57 DEG 19 MIN 13. SEC E 391.38 TH S 88 DEG 13 MIN 46 SEC E 1486.29 TH N 3 DEG 23 MIN 20 SEC E 322.57 DEG 50 MIN 36 SEC E 269.77 TH N 3 DEG 14 MIN 53 SEC E 2116.34 TH N 87 DEG 38 MIN 41 SEC W 1215.78 TH S 23 DEG 09 MIN 27 SEC E 310.25 TH N 87 DEG 41 MIN 21 SEC E 408.48 TH S 2 DEG 19 MIN 21 SEC W 47.69 N 87 DEG 41 MIN 21 SEC E 583.30 TO TRU POB.

THE PROJECT IS LOCATED IN THE MOUSE CREEK WATERSHED

EROSION CONTROL QUANTITIES			
ITEM NO.	PHASE	DESCRIPTION	QUANTITIES
1	I	ESC-01 TEMPORARY CONSTRUCTION ENTRANCE	1 EA.
2	I	ESC-03 SILT FENCE	2,200 L.F.
3	I	ESC-07 AREA INLET PROTECTION	2 EA.
4	I	CONCRETE WASHOUT AREA	100 S.F.
5	II	ESC-01 TEMPORARY CONSTRUCTION ENTRANCE	1 EA.
6	II	ESC-03 SILT FENCE	2,200 L.F.
7	II	ESC-07 AREA INLET PROTECTION	2 EA.
8	II	ESC-14 OUTLET PROTECTION	2 EA.
9	II	CONCRETE WASHOUT AREA	100 S.F.
10	III	ESC-01 TEMPORARY CONSTRUCTION ENTRANCE	1 EA.
11	III	ESC-03 SILT FENCE	2,200 L.F.
12	III	ESC-07 AREA INLET PROTECTION	2 EA.
13	III	ESC-14 OUTLET PROTECTION	2 EA.
14	III	CONCRETE WASHOUT AREA	100 S.F.



GENERAL NOTES - EROSION CONTROL:

- EROSION CONTROL MEASURES SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE STANDARD DETAILS PRESENTED IN THE LATEST EDITION OF AMERICAN PUBLIC WORKS ASSOCIATION (APWA), KANSAS CITY METROPOLITAN CHAPTER, SECTION 5100 AS REFERENCED ON THE PLAN DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL EROSION CONTROL MEASURES AS NEEDED IN THE EVENT THAT UNFORESEEN EROSION PROBLEMS ARISE OR IF CONSTRUCTION DEVIATES FROM THESE PLANS.
- CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE LEE'S SUMMIT, MISSOURI "EROSION AND SEDIMENTATION CONTROL SPECIFICATIONS" AS CURRENTLY ADOPTED BY THE CITY.
- THE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING EROSION CONTROL DEVICES AND REMOVING SEDIMENT UNTIL TEMPORARY VEGETATION HAS BECOME ESTABLISHED.
- AREAS DISTURBED BY CONSTRUCTION SHALL BE SEEDED, FERTILIZED AND MULCHED IN ACCORDANCE WITH SECTION 2400 OF THE "STANDARD SPECIFICATIONS AND DESIGN CRITERIA" AS PREPARED BY THE AMERICAN PUBLIC WORKS ASSOCIATION AND AS ADOPTED BY THE CITY OF LEE'S SUMMIT, MISSOURI. TEMPORARY SEEDING AND FERTILIZING SHALL BE AT THE FOLLOWING RATES:
SEEDING ANNUAL RYE GRASS @ 120 LBS./ACRE.
FERTILIZING 10-10-10 FERTILIZER @ 850 LBS./ACRE.
- EXPOSED SLOPES 3:1 AND STEEPER SHALL BE MULCHED WITH WHEAT OR OAT STRAW.
- TEMPORARY SEEDING AND MULCHING SHALL CLOSELY FOLLOW GRADING OPERATIONS AND UNDER NO CIRCUMSTANCE SHALL MORE THAN THIRTY (30) CALENDAR DAYS ELAPSE BETWEEN GRADING AND SEEDING ACTIVITIES. WINTER WHEAT SEEDING MAY BE USED DURING COLD WEATHER.
- THE CONTRACTOR SHALL MAINTAIN SEEDED AND MULCHED AREAS UNTIL THE TEMPORARY VEGETATION BECOMES ESTABLISHED.
- EROSION CONTROL DEVICES WHICH ARE REMOVED TO PERMIT CONTRACTOR ACCESS SHALL BE REPLACED AT THE END OF THE DAY.
- TOTAL DISTURBED AREA IS APPROXIMATELY 3.21 ACRES.
- SOILS IN THE PROJECT AREA ARE CLASSIFIED AS SOIL GROUP 30080 - GREENTON SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES AND URBAN LAND - HARVESTER COMPLEX, 2 TO 9 PERCENT SLOPES



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LEE'S SUMMIT, MO. 64081

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REVISIONS
CITY COMMENTS 03.29.24 4
ASI-01 04.26.24

13-23128-00

SITE DISTURBANCE NOTES, QUANTITIES, AND SCHEDULE

C3.21

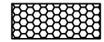
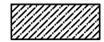
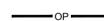


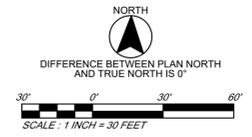
EROSION CONTROL NOTES:
1. FOR GENERAL NOTES AND SCHEDULE, SEE SHEET C3.21/.

PHASE I DESCRIPTION OF WORK

- MOBILIZE & INSTALL SEDIMENT FENCE AND SEDIMENT CONTROL DEVICES
- REMOVAL OF IMPROVEMENTS AND FOUNDATIONS

LEGEND:

	20'X50' TEMPORARY CONSTRUCTION ENTRANCE	ESC-01
	SILT FENCE	ESC-03
	10'X10' CONSTRUCTION WASHOUT AREA	ESC-03
	OUTLET PROTECTION	ESC-14
	AREA INLET PROTECTION	ESC-07



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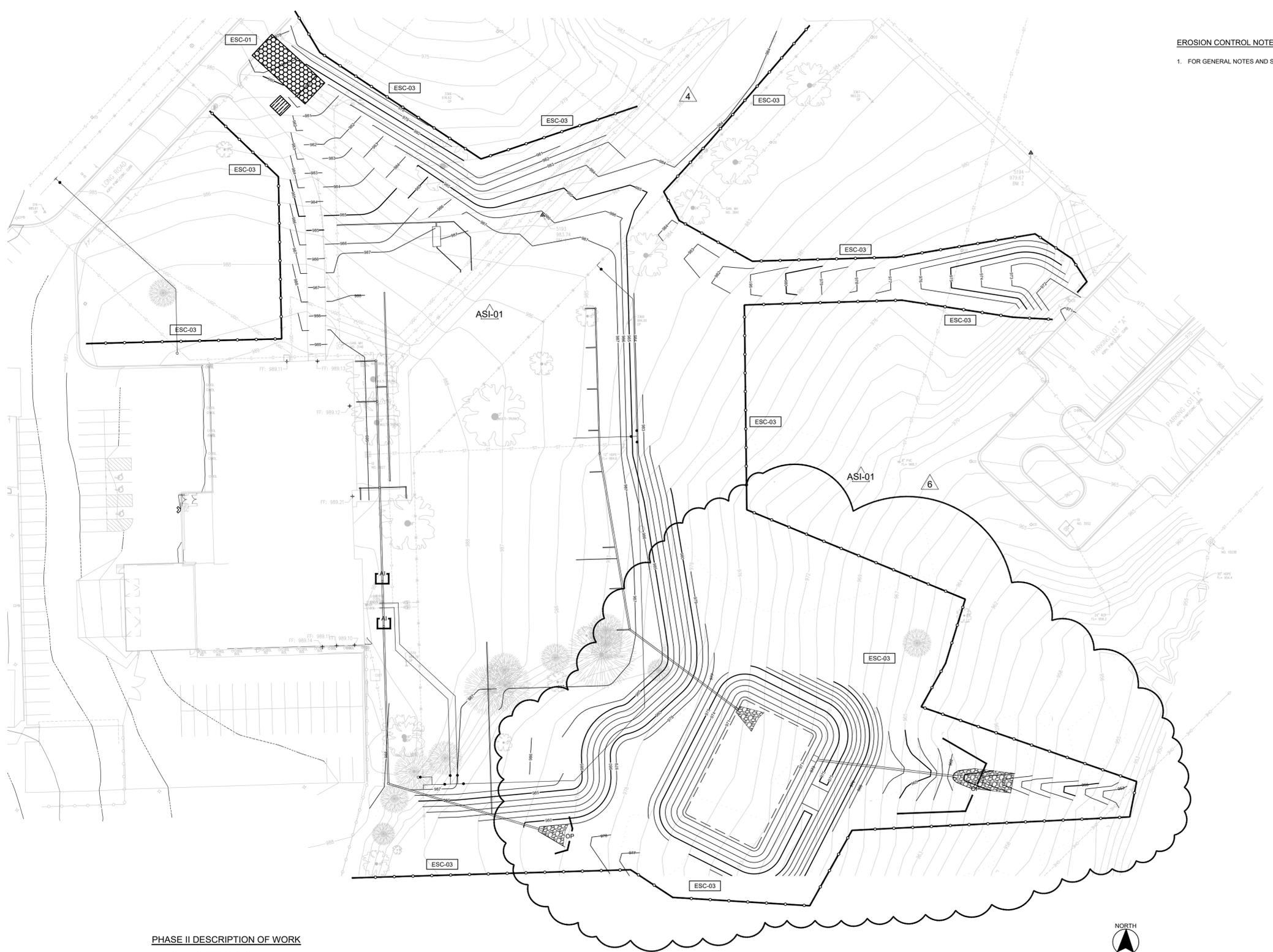
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04.26.24

REVISIONS
CITY COMMENTS 03.29.24 4
ASI-01 04.26.24

13-23128-00
EROSION CONTROL PLAN
PHASE I

C3.22



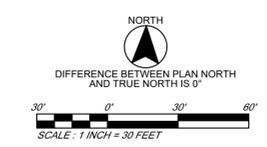
EROSION CONTROL NOTES:
1. FOR GENERAL NOTES AND SCHEDULE, SEE SHEET C3.21/.

PHASE II DESCRIPTION OF WORK

- EXCAVATION, SITE GRADING
- INSTALL SITE UTILITIES

LEGEND:

	20'x50' TEMPORARY CONSTRUCTION ENTRANCE	ESC-01
	SILT FENCE	ESC-03
	10'x10' CONSTRUCTION WASHOUT AREA	
	OUTLET PROTECTION	ESC-14
	AREA INLET PROTECTION	ESC-07



Autodesk Docu/15-2125-00 MCC Automotive Inst/15-2125-00_MCC Automotive Center_AR_2022.rvt
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LEES SUMMIT, MO 64081

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REVISIONS

CITY COMMENTS	03.29.24	4
ASI-01	04.30.24	4
FDP COMMENTS	06.27.24	5

13-23128-00
EROSION CONTROL PLAN
PHASE II

C3.23

A

B

C

D

E

F

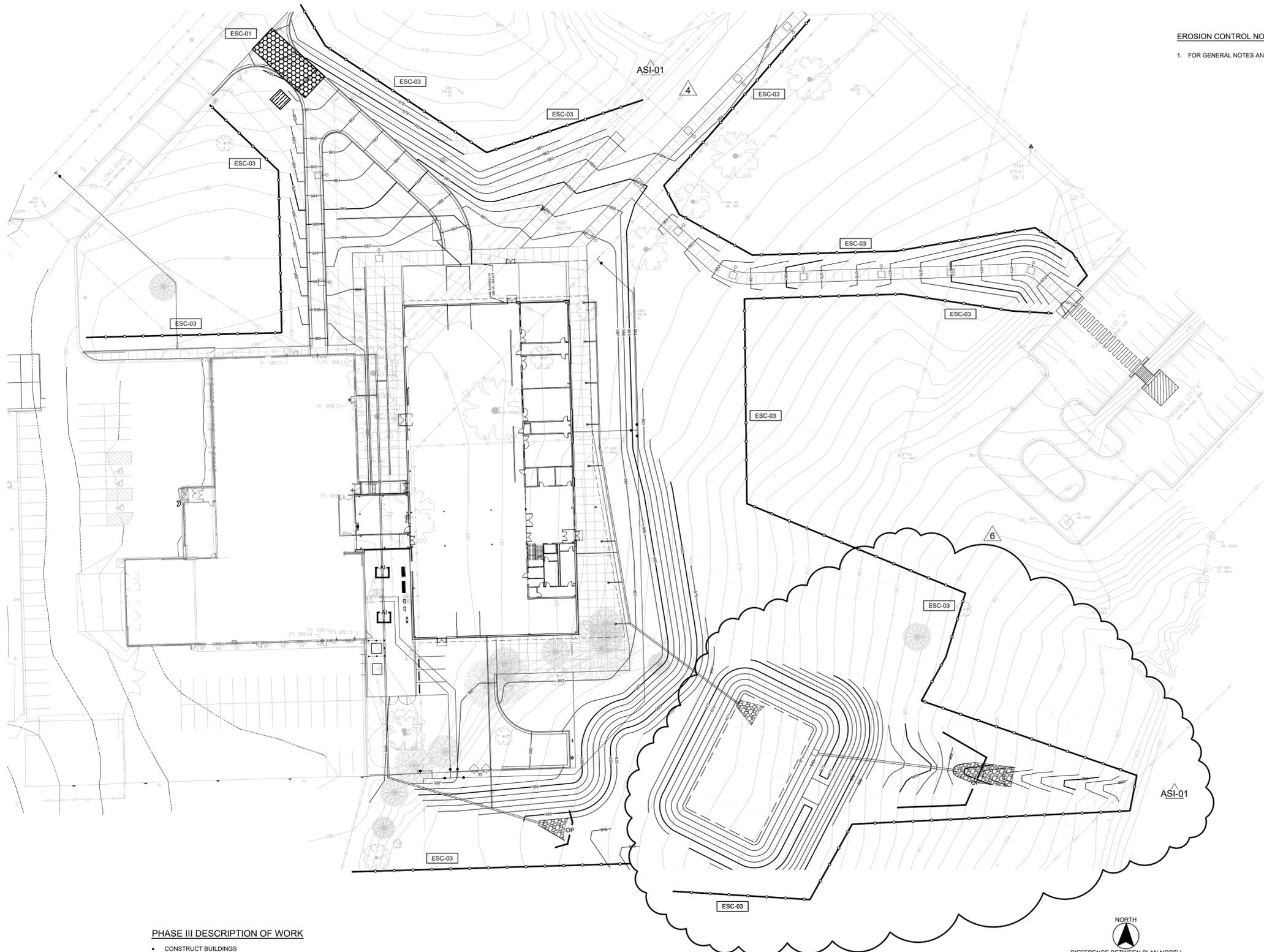
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EROSION CONTROL NOTES:

- 1. FOR GENERAL NOTES AND SCHEDULE, SEE SHEET C3.21/.

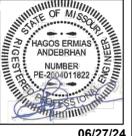
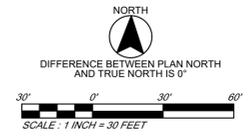
PHASE III DESCRIPTION OF WORK

- CONSTRUCT BUILDINGS
- CONSTRUCT SITE IMPROVEMENTS, CURBS, SIDEWALKS AND PARKING LOTS
- INSTALL LANDSCAPE/ESTABLISHMENT OF VEGETATION / SITE STABILIZATION
- FINAL SITE CLEANUP
- REMOVAL OF EROSION CONTROL DEVICES

LEGEND:

- 20'x50' TEMPORARY CONSTRUCTION ENTRANCE (ESC-01)
- SILT FENCE (ESC-03)
- 10'x10' CONSTRUCTION WASHOUT AREA (ESC-14)
- OUTLET PROTECTION (ESC-14)
- AREA INLET PROTECTION (ESC-07)

ALL DISTURBED AREAS SHALL BE PREPARED FOR SEEDING/SODDING PER LEE'S SUMMIT/APWA 2400. APPLICATION OF SEED/SOD SHALL BE DONE IN ACCORDANCE WITH LEE'S SUMMIT/APWA 2400. THE SITE DISTURBANCE PERMIT SHALL BE MAINTAINED IN AN "OPEN" STATUS UNTIL FINAL ACCEPTANCE.



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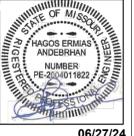
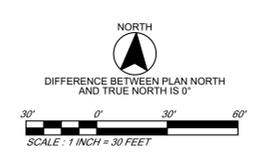
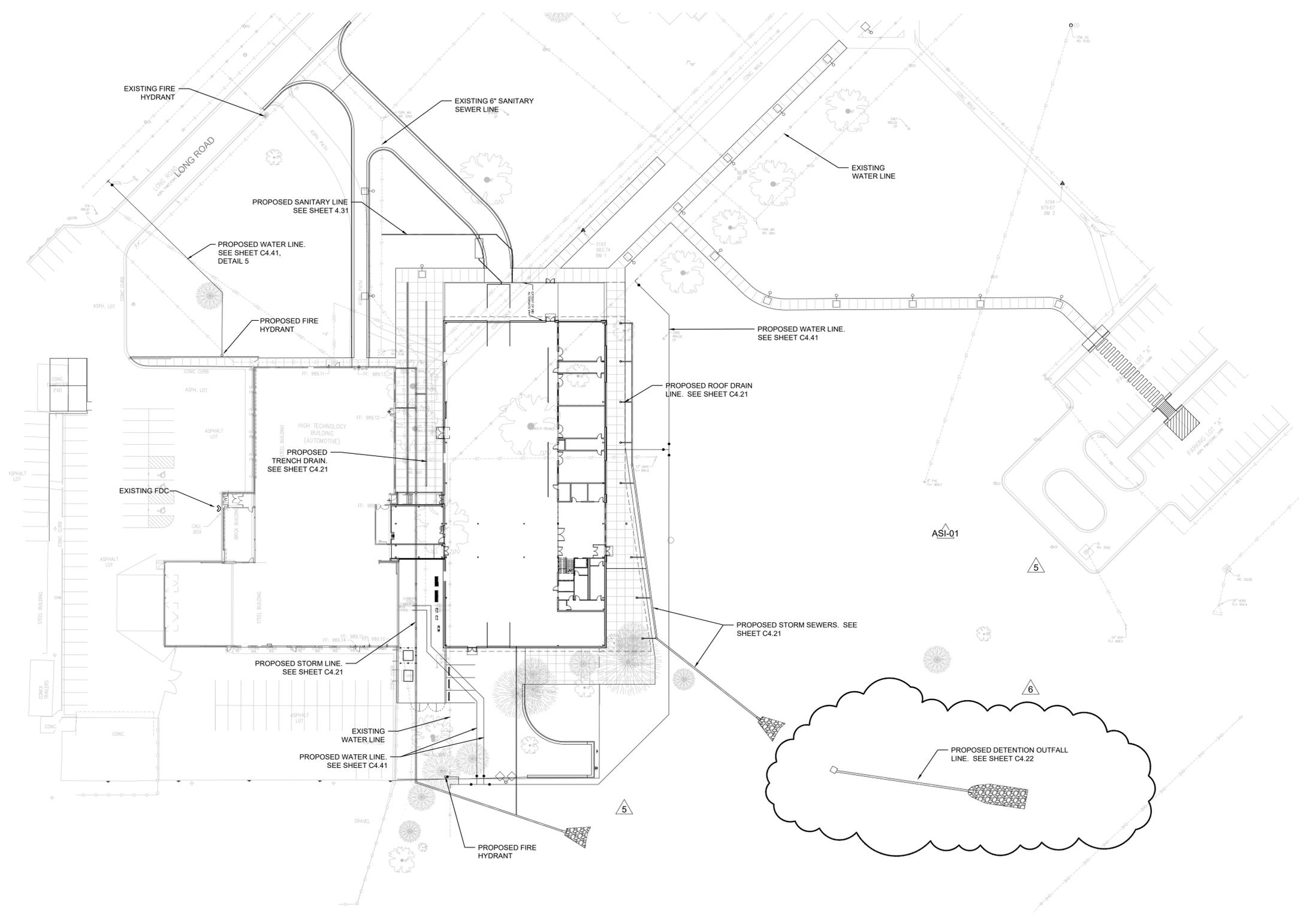
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REVISIONS
CITY COMMENTS 03.29.24 4
ASI-01 04.30.24
FDP COMMENTS 06.27.24 5

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EROSION CONTROL PLAN
PHASE III



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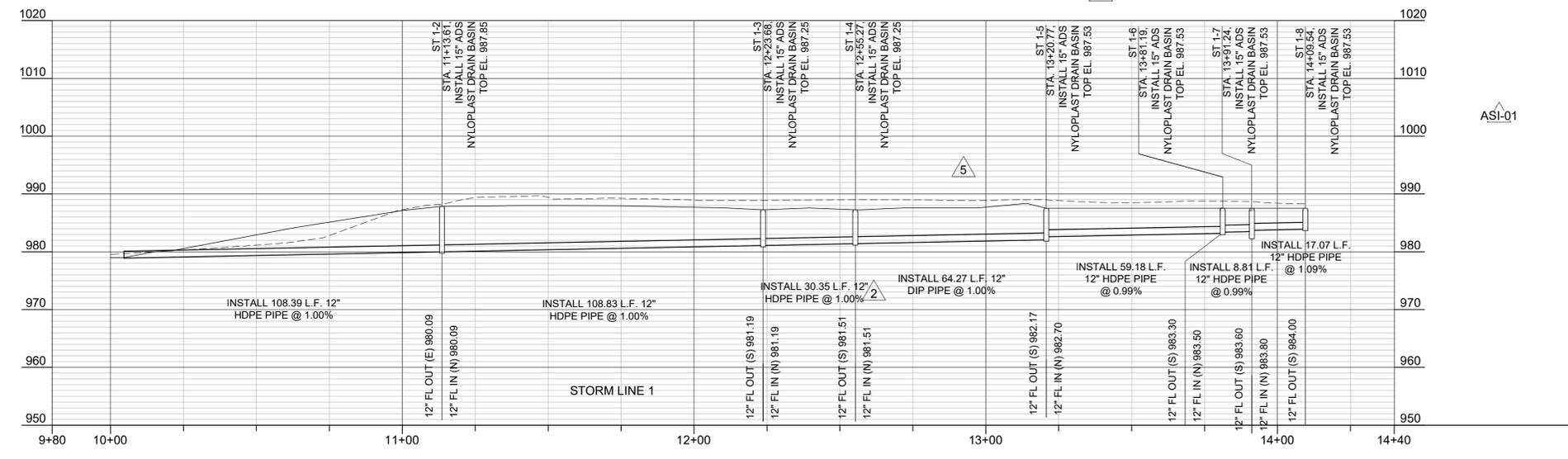
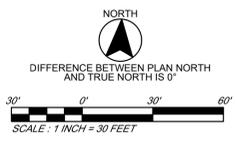
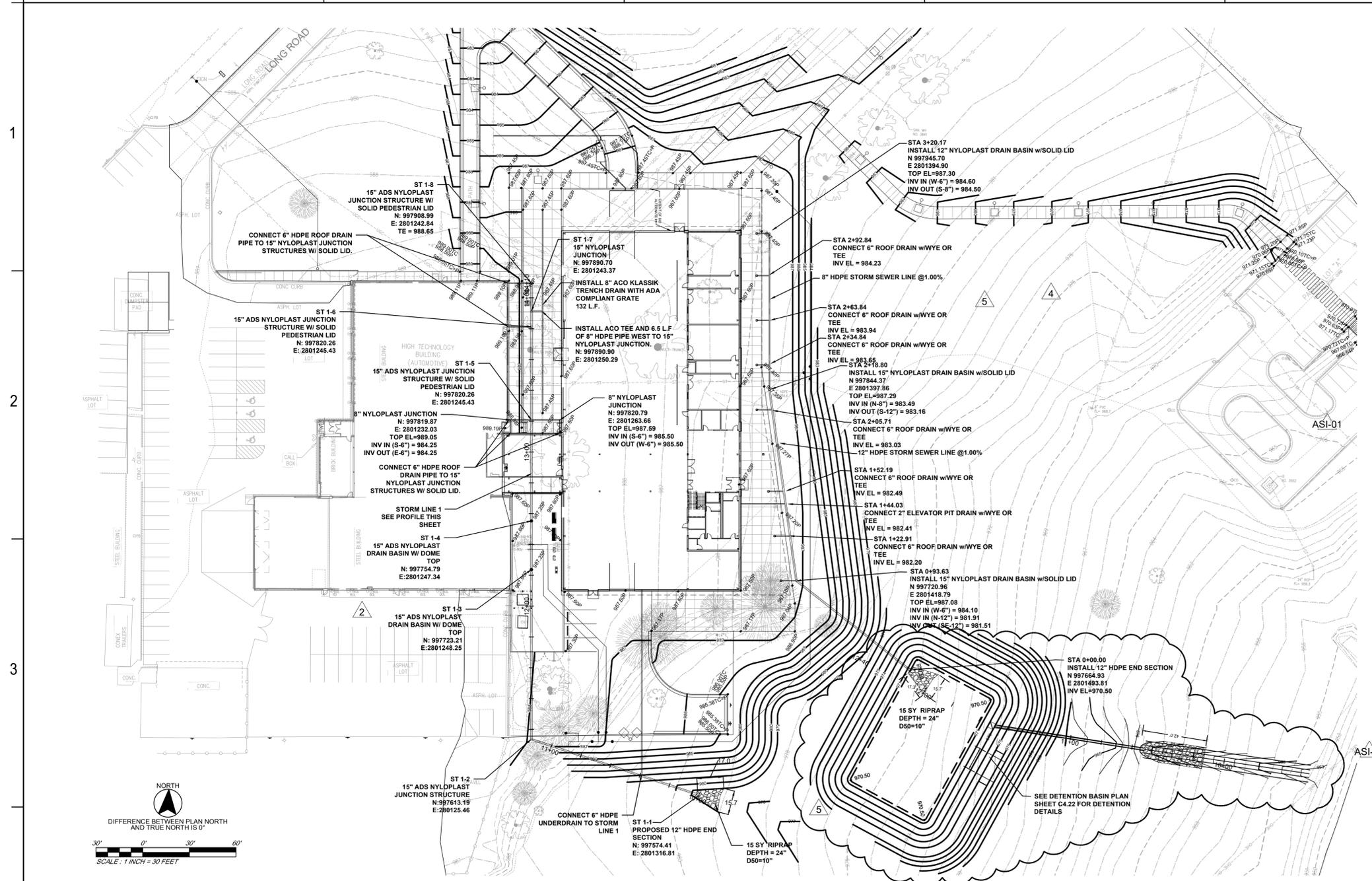
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CITY COMMENTS	03.29.24	4
PDP RESPONSE	04.09.24	5
ASI-01	04.30.24	5
FDP RESPONSE	06.27.24	6

Project Number
**OVERALL
UTILITY PLAN**



- STORM SEWER SERVICE GENERAL NOTES**
1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LEE'S SUMMIT, MO SPECIFICATIONS AND THE PROJECT SPECIFIC SPECIFICATIONS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NECESSARY FOR CONSTRUCTION ACTIVITIES.
 3. THE SIZE, LOCATION AND NATURE OF EXISTING UTILITIES AS SHOWN ON THESE DRAWINGS HAS BEEN OBTAINED FROM INFORMATION PROVIDED BY THE UTILITY OWNER/OPERATORS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ACTIVITIES WITH THE APPLICABLE UTILITIES, AND FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
 4. CONTRACTOR SHALL ESTABLISH ALL HORIZONTAL AND VERTICAL CONTROL IN CONFORMANCE WITH THE PLANS. VARIATIONS WILL REQUIRE ADVANCE APPROVAL IN WRITING FROM THE ARCHITECT OR ENGINEER.
 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND INSTALL ALL FITTINGS SPECIFIED OR UNSPECIFIED, TO OBTAIN PROPER HORIZONTAL OR VERTICAL ALIGNMENT AND CONNECTION TO EXISTING SEWER SYSTEMS.
 6. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES WHICH HAVE FACILITIES IN THE VICINITY OF THE CONSTRUCTION TO BE PERFORMED.
 7. DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE PERFORMED BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
 8. THE CONTRACTOR SHALL NOT DAMAGE ANY PRIVATE PROPERTY. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING TO FINISHED GRADE, ANY MANHOLE TOPS, VALVE COVERS, METER COVERS AND ANY OTHER SURFACE PROJECTIONS TO REMAIN.
 10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE VISUAL INSPECTION OF THE PROJECT AREA SO AS TO FAMILIARIZE HIMSELF WITH THE SCOPE OF THE WORK AND THE REQUIREMENTS FOR COMPLETING THE WORK.
 11. ALL CONCRETE FLATWORK OR ASPHALTIC CONCRETE PAVEMENT TO BE REMOVED WHICH IS ADJACENT TO CONCRETE OR ASPHALTIC CONCRETE PAVEMENT TO REMAIN, SHALL BE FIRST CUT FULL DEPTH WITH A CONCRETE SAW SO AS TO FORM A NEAT EDGE AGAINST EXISTING PAVEMENT. THE JOINT BETWEEN EXISTING AND NEW CONCRETE SURFACES SHALL BE AN EXPANSION JOINT FILLED WITH 1/2 INCH THICK CELLULOSE FIBER. THE TOP 1/2 INCH OF THE JOINT SHALL BE CAULKED.
 12. DEWATERING SYSTEMS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. GROUNDWATER SURFACES MUST BE MAINTAINED TWO FEET BELOW THE BOTTOM OF ANY OPEN EXCAVATION AT ALL TIMES. SLUMP PUMPING WILL NOT BE ALLOWED UNDER ANY CIRCUMSTANCES. A DEWATERING PLAN SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL.
 13. THE CONTRACTOR SHALL MAINTAIN AT THE PROJECT SITE SUFFICIENT SOIL MATERIALS AND EQUIPMENT TO BACKFILL ANY OPEN EXCAVATION WITHIN A 24 HOUR TIME PERIOD.

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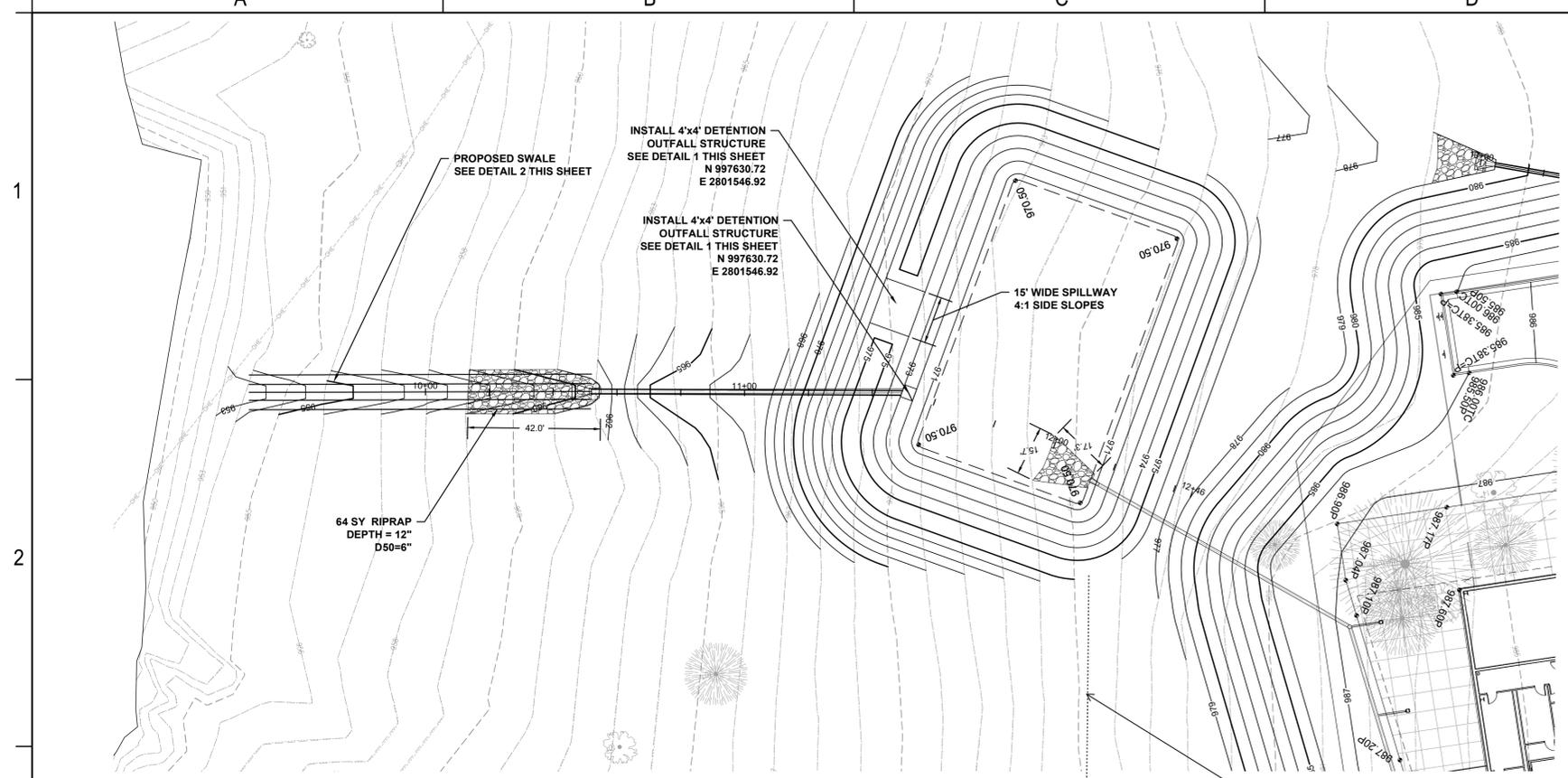
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04.30.24

REVISIONS

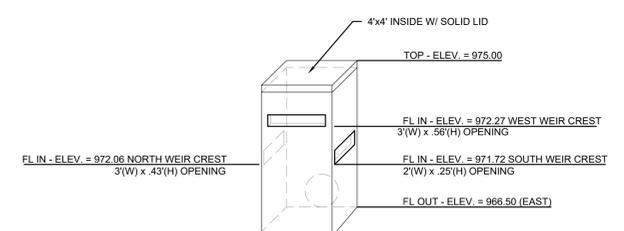
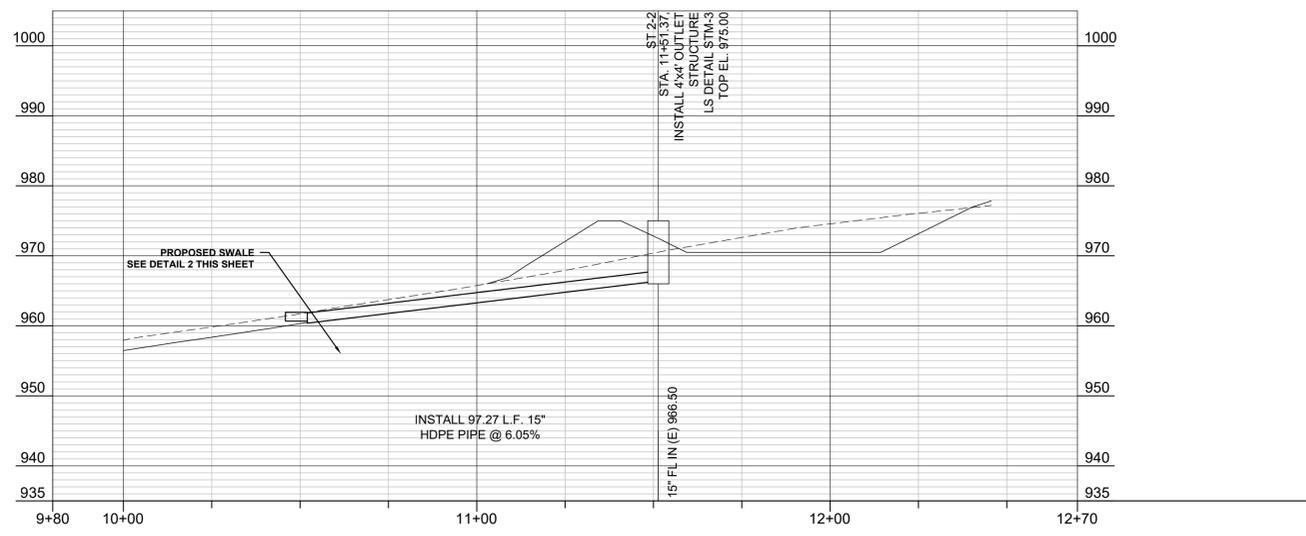
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CITY COMMENTS	03.29.24	4
ASI-01	04.30.24	4
FDP COMMENTS	06.27.24	6

13-23128-00
STORM SEWER
PLAN



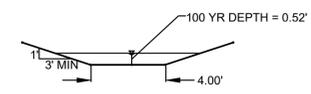
PROJECT IS IN THE MIDDLE OF CAMPUS AND GREATER THAN 20' TO THE NEAREST SETBACK OR PROPERTY LINE

NOTE: DETENTION BASIN TO BE CONSTRUCTED ALONG WITH EROSION AND SEDIMENT CONTROL DEVICES AND PRIOR TO BUILDING AND PARKING LOT. AN AS-BUILT DRAWING SHALL BE SUBMITTED TO THE CITY FOR REVIEW AND ACCEPTANCE PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY



1 DETENTION BASIN OUTFALL STRUCTURE
NOT TO SCALE

NOTE: SEE DRAWING NUMBER STM-3 OF LEE'S SUMMIT STANDARD DETAILS FOR CONSTRUCTION DETAILS.



2 SWALE SECTION
NOT TO SCALE



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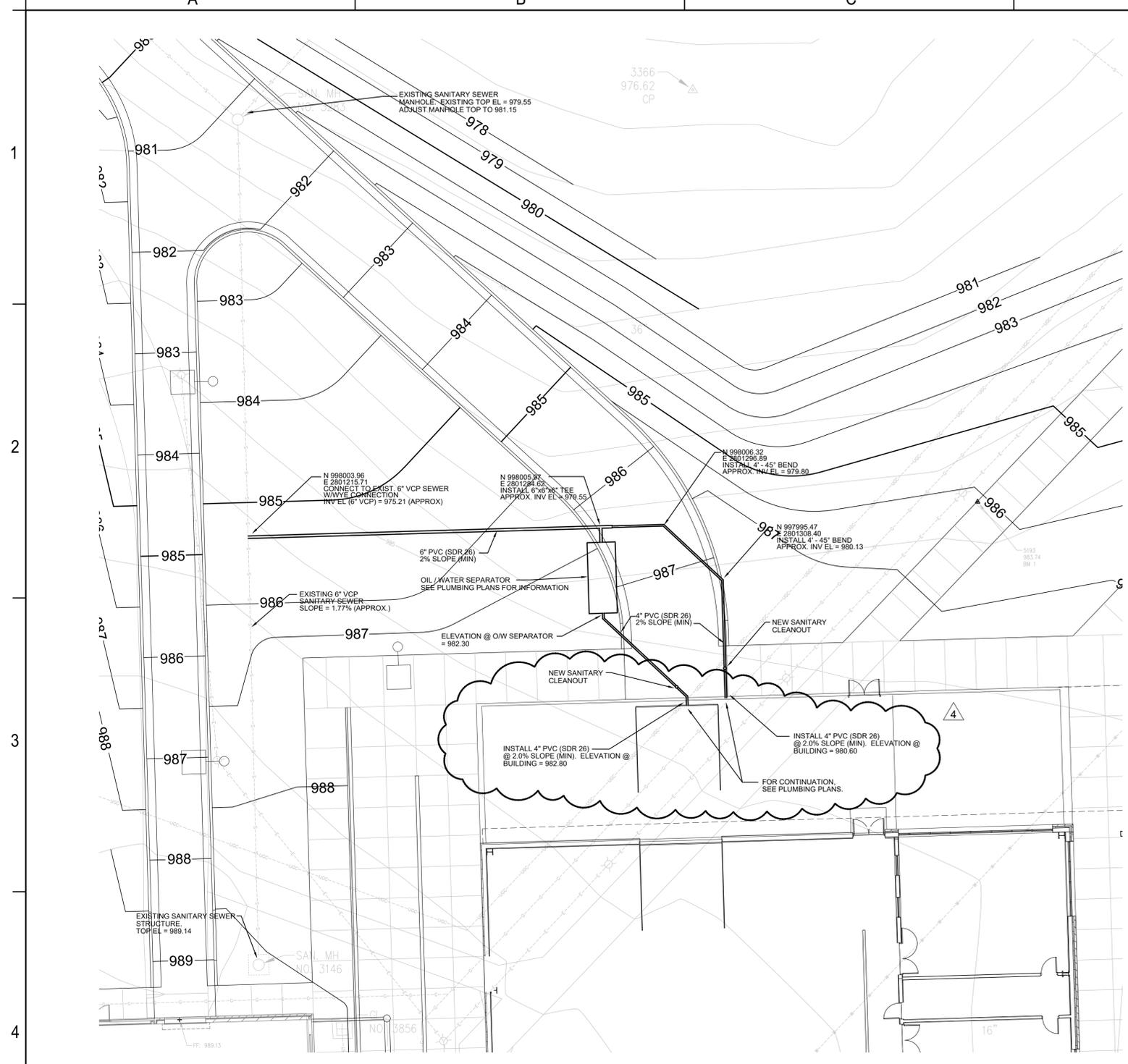
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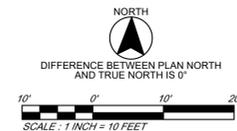
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REVISIONS
ADD 02 02.23.24 2
PDF RESPONSE 04.09.24 5
FDP COMMENTS 06.27.24 6



SANITARY SEWER SERVICE GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF LEE'S SUMMIT, MO SPECIFICATIONS
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS NECESSARY FOR CONSTRUCTION ACTIVITIES.
3. THE SIZE, LOCATION AND NATURE OF EXISTING UTILITIES AS SHOWN ON THESE DRAWINGS HAS BEEN OBTAINED FROM INFORMATION PROVIDED BY THE UTILITY OWNER/OPERATORS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ACTIVITIES WITH THE APPLICABLE UTILITIES, AND FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. UTILITIES DAMAGED AS A RESULT OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
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5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND INSTALL ALL FITTINGS SPECIFIED OR UNSPECIFIED, TO OBTAIN PROPER HORIZONTAL OR VERTICAL ALIGNMENT AND CONNECTION TO EXISTING SEWER SYSTEMS.
6. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES WHICH HAVE FACILITIES IN THE VICINITY OF THE CONSTRUCTION TO BE PERFORMED.
7. DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE PERFORMED BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
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9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING TO FINISHED GRADE. ANY MANHOLE TOPS, VALVE COVERS, METER COVERS AND ANY OTHER SURFACE PROJECTIONS TO REMAIN.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE VISUAL INSPECTION OF THE PROJECT AREA SO AS TO FAMILIARIZE HIMSELF WITH THE SCOPE OF THE WORK AND THE REQUIREMENTS FOR COMPLETING THE WORK.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL AS-BUILT FIELD NOTES AND PLANS (REPRODUCIBLE) IN ACCORDANCE WITH THE CITY OF LEE'S SUMMIT, MISSOURI REQUIREMENTS.
12. ALL SANITARY SEWER WORKMANSHIP AND MATERIALS SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE WATER POLLUTION CONTROL DEPARTMENT OF THE CITY OF LEE'S SUMMIT, MISSOURI, FOR ALL WORK ASSOCIATED WITH CONNECTING TO THE EXISTING PUBLIC SEWER MAIN.
13. ALL CONCRETE FLATWORK OR ASPHALTIC CONCRETE PAVEMENT TO BE REMOVED WHICH IS ADJACENT TO CONCRETE OR ASPHALTIC CONCRETE PAVEMENT TO REMAIN, SHALL BE FIRST CUT FULL DEPTH WITH A CONCRETE SAW SO AS TO FORM A NEAT EDGE AGAINST EXISTING PAVEMENT. THE JOINT BETWEEN EXISTING AND NEW CONCRETE SURFACES SHALL BE AN EXPANSION JOINT FILLED WITH 1/2 INCH THICK CELLULOSE FIBER. THE TOP 1/2 INCH OF THE JOINT SHALL BE CAULKED.
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15. THE CONTRACTOR SHALL MAINTAIN AT THE PROJECT SITE SUFFICIENT SOIL MATERIALS AND EQUIPMENT TO BACKFILL ANY OPEN EXCAVATION WITHIN A 24 HOUR TIME PERIOD.
16. THE CONTRACTOR SHALL PERFORM ALL TRENCHING AND BACKFILLING OPERATIONS IN A MANNER WHICH SEGREGATES THE EXCAVATED MATERIALS BY SOIL TYPE. EXCAVATED MATERIALS SHALL BE PLACED AS BACKFILL AT THE SAME LOCATIONS WHERE THEY WERE ORIGINALLY EXCAVATED AND COMPACTED TO MATCH THE SURROUNDING SOILS.



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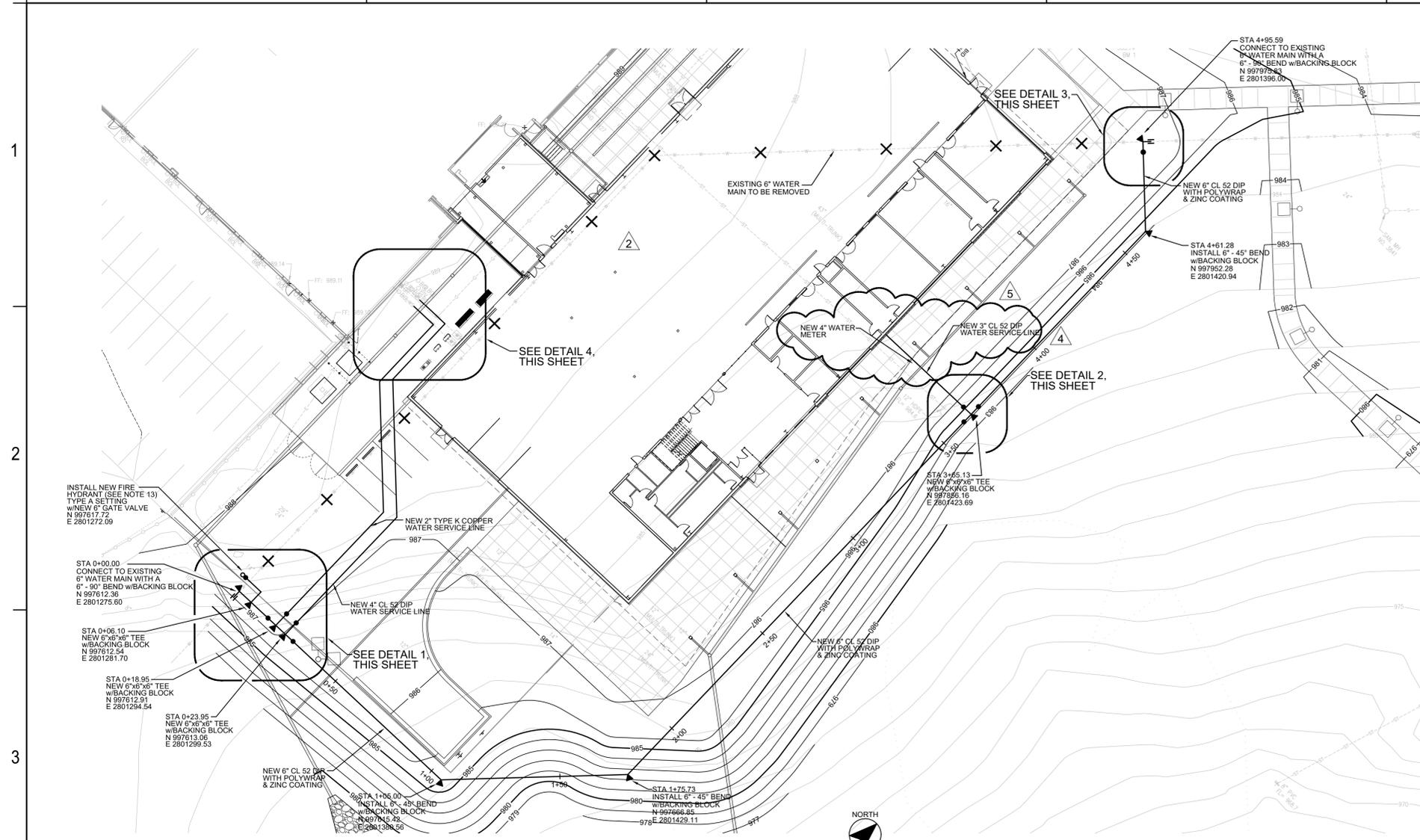
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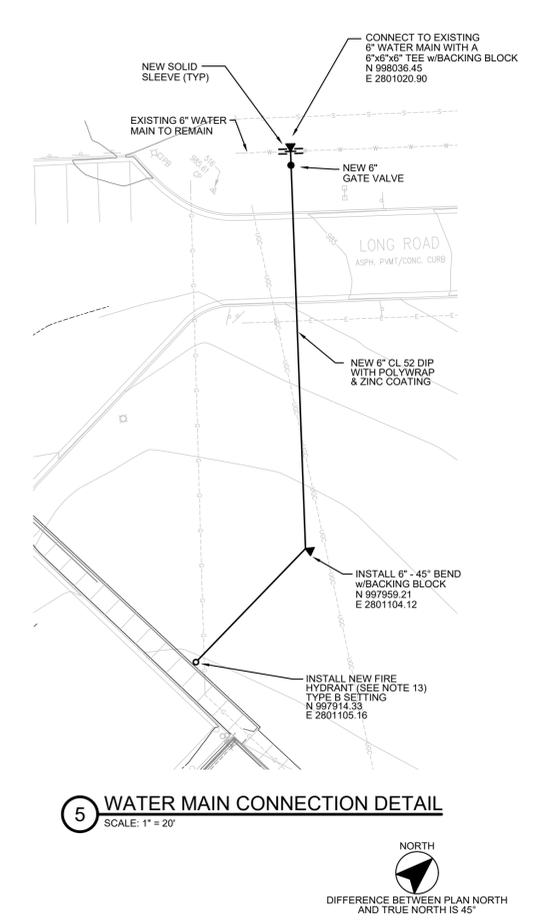
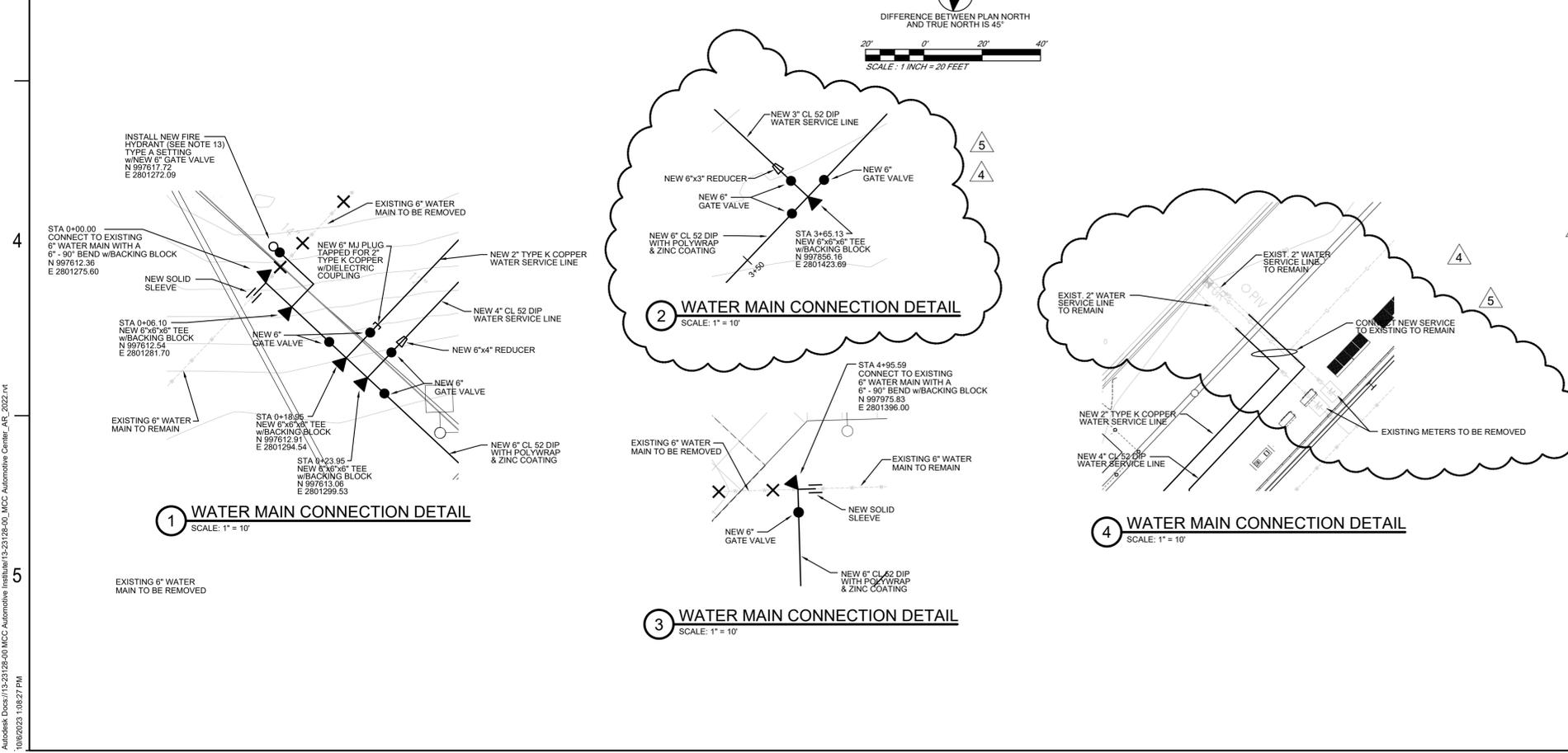
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04.26.24

REVISIONS
CITY COMMENTS 03.29.24 4
AS/01 04.26.24

Project Number
SANITARY SEWER PLAN



- WATER SERVICE GENERAL NOTES**
- CONTRACTOR SHALL ESTABLISH ALL HORIZONTAL AND VERTICAL CONTROL IN CONFORMANCE WITH THE PLANS. VARIATIONS WILL REQUIRE ADVANCE APPROVAL IN WRITING FROM THE ARCHITECT OR ENGINEER.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE AND INSTALL ALL FITTINGS, SPECIFIED OR UNSPECIFIED, TO OBTAIN PROPER HORIZONTAL OR VERTICAL ALIGNMENT AND CONNECTION TO EXISTING UTILITIES.
 - THE UTILITY LOCATIONS SHOWN ON THESE PLANS ARE TAKEN FROM UTILITY COMPANY RECORDS OR FROM FIELD SURVEY OF SURFACE PROJECTIONS. THESE LOCATIONS ARE APPROXIMATE ONLY. THEY DO NOT CONSTITUTE ACTUAL FIELD LOCATIONS. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR MAY ALSO UTILIZE THE FOLLOWING TOLL FREE PHONE NUMBER PROVIDED BY "MISSOURI ONE CALL SYSTEM, INC": 1-800-DIG-RITE.
 - PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL NOTIFY ALL THOSE COMPANIES WHICH HAVE FACILITIES IN THE VICINITY OF THE CONSTRUCTION TO BE PERFORMED.
 - DISPOSAL OF ALL DEBRIS THEREFROM SHALL BE PERFORMED BY THE CONTRACTOR IN STRICT ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.
 - THE CONTRACTOR SHALL NOT DAMAGE ANY PRIVATE PROPERTY. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING TO FINISHED GRADE, ANY MANHOLE TOPS, VALVE COVERS, METER COVERS AND ANY OTHER SURFACE PROJECTIONS TO REMAIN.
 - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE VISUAL INSPECTION OF THE PROJECT AREA SO AS TO FAMILIARIZE HIMSELF WITH THE SCOPE OF THE WORK AND THE REQUIREMENTS FOR COMPLETING THE WORK.
 - ALL WORK SHALL BE IN ACCORDANCE WITH THE MOST RECENT VERSION OF THE STANDARDS AND SPECIFICATIONS OF THE LEE'S SUMMIT, MISSOURI WATER SERVICES DEPARTMENT.
 - SERVICE LINES SHALL HAVE A COVER OF NOT LESS THAN FOUR (4) FEET NOR MORE THAN FIVE (5) FEET UNLESS OBSTRUCTIONS REQUIRE DEEPER EXCAVATIONS FOR CLEARANCE.
 - ALL WATER SERVICE INSTALLATIONS INCLUDING BACKFLOW DEVICES ARE SUBJECT TO FIELD VERIFICATION AND APPROVAL BY THE WATER DEPARTMENT INSPECTOR.
 - NEW FIRE HYDRANT (MATERIAL AND INSTALLATION) SHALL BE PER SECTION 3900 OF THE LEE'S SUMMIT, MISSOURI STANDARD SPECIFICATIONS.



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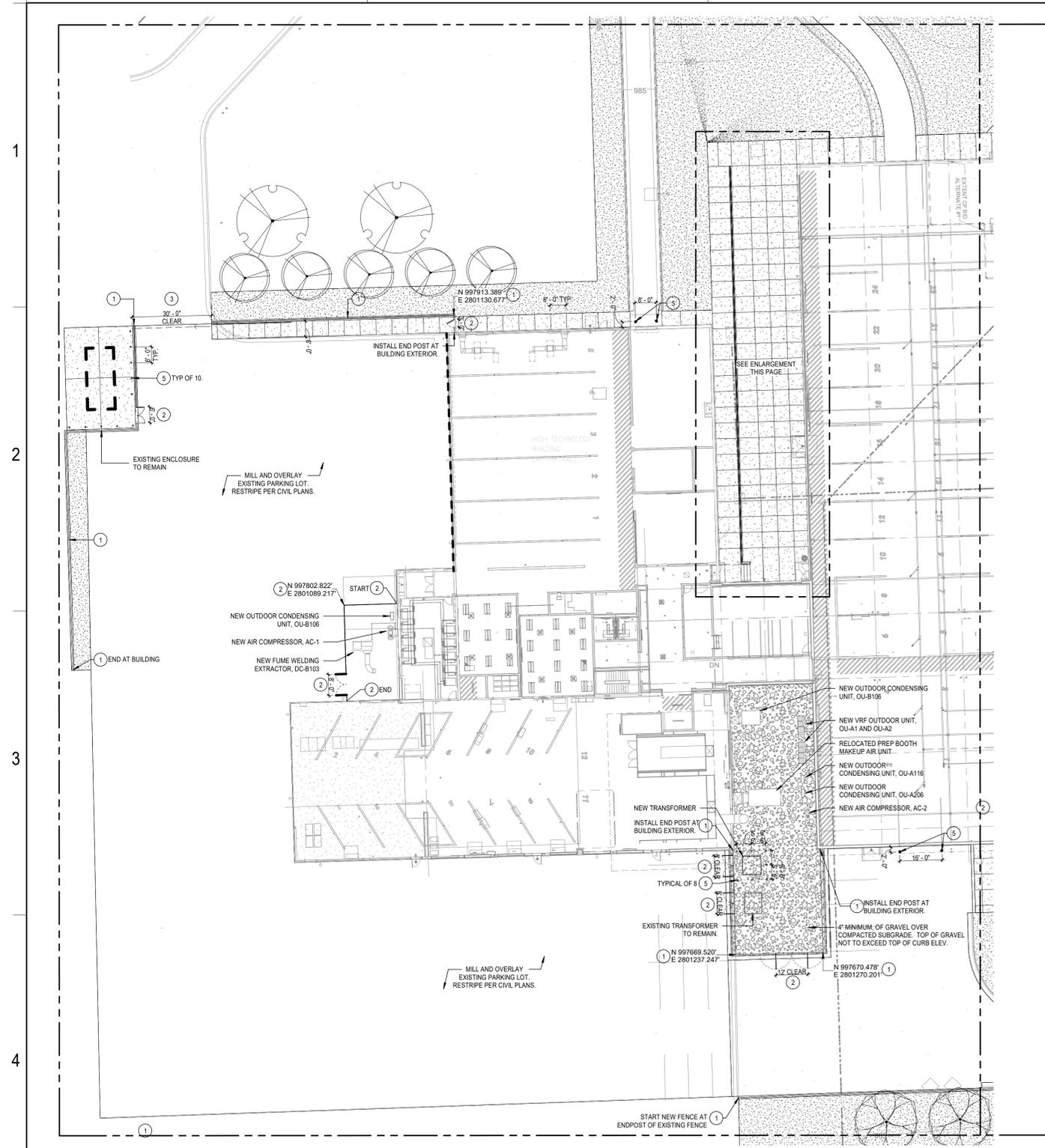
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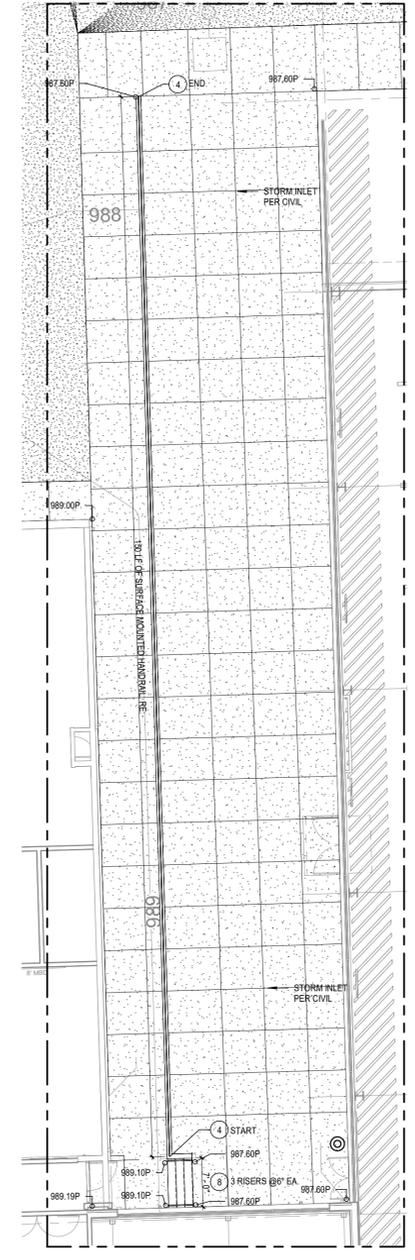
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REVISIONS	DATE	BY
ADD 02	02.23.24	2
CITY COMMENTS	03.29.24	4
ASB:01	04.30.24	4
FDP COMMENTS	06.27.24	5

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OVERALL SITE PLAN
SCALE: 1" = 20'-0"



OVERALL SITE PLAN
SCALE: 1" = 10'-0"

LAYOUT NOTES:

1. THE CONTRACTOR WILL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND STRUCTURES BEFORE COMMENCING WORK. THE CONTRACTOR WILL CONDUCT HIS WORK SO AS TO PREVENT INTERRUPTION OF SERVICE OR DAMAGE TO THEM. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES AND STRUCTURES.
2. ALL CURBS RAMPS TO BE BUILT IN COMPLIANCE WITH FEDERAL ACCESSIBILITY STANDARDS.
3. PAVING DIMENSIONS ARE TO BACK OF CURB UNLESS OTHERWISE NOTED.
4. ALL WORK WILL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS. NOTHING INDICATED ON THESE DRAWINGS SHALL RELIEVE THE CONTRACTOR FROM COMPLYING WITH ANY APPROPRIATE SAFETY REGULATIONS.
5. VERIFY LAYOUT COORDINATES PRIOR TO CONSTRUCTION.
6. CONTRACTOR TO SUPPLY AND INSTALL ALL REQUIRED SLEEVES UNDER PAVING AND WALKS.
7. PLACE DOWELED EXPANSION JOINTS AT VERTICAL ELEMENTS BUILDING COLUMNS, WALLS, BACK OF CURBS, ETC., AND STAIRS AND RAMPS AND APPROXIMATELY EVERY 50 LINEAR FEET. -E: CIVIL DRAWINGS.
8. WHERE NEW PAVEMENTS ARE CALLED FOR, PROVIDE AN EXPANSION JOINT AROUND ALL EXISTING UTILITIES, MANHOLES, POLES, LIGHTS, ETC.
9. SAWCUT JOINTS BETWEEN CRITICAL POINTS ARE TO BE EQUALLY SPACED, OR AS SHOWN ON DRAWINGS.
10. CONTRACTOR TO CONFIRM HORIZONTAL CONTROL POINTS IN THE FIELD. CONTRACTOR TO VERIFY HORIZONTAL CONTROL POINTS WITH HORIZONTAL COORDINATE POINTS.
11. ALL EXPOSED CONCRETE WALLS WILL HAVE A CONSISTENT RUBBED FINISH. CONTRACTOR TO PROVIDE MINIMUM 4 SQUARE FEET MOCK-UP FOR REVIEW AND APPROVAL.
12. CONTRACTOR TO PROVIDE MOCK-UP (4'X4') OF ALL DECORATIVE AND TYPICAL CONCRETE WALKS FOR REVIEW AND APPROVAL. ALL CONCRETE SIDEWALKS TO HAVE MEDIUM BROOM FINISH TRANSVERSE TO PEDESTRIAN TRAFFIC, UNLESS OTHERWISE INDICATED. MOCK-UP TO REMAIN ON SITE THROUGHOUT CONSTRUCTION.
13. ALL EXTERIOR GROUND OR BUILDING MOUNTED EQUIPMENT, INCLUDING BUT NOT LIMITED TO MECHANICAL EQUIPMENT, UTILITY METER BANKS AND COOLERS, SHALL BE SCREENED FROM PUBLIC VIEW WITH LANDSCAPING OR AN ARCHITECTURAL TREATMENT COMPATIBLE WITH THE BUILDING ARCHITECTURE.
14. ALL ON-SITE WIRING AND CABLES SHALL BE PLACED UNDERGROUND. RE: CIVIL.

SHEET NOTES *

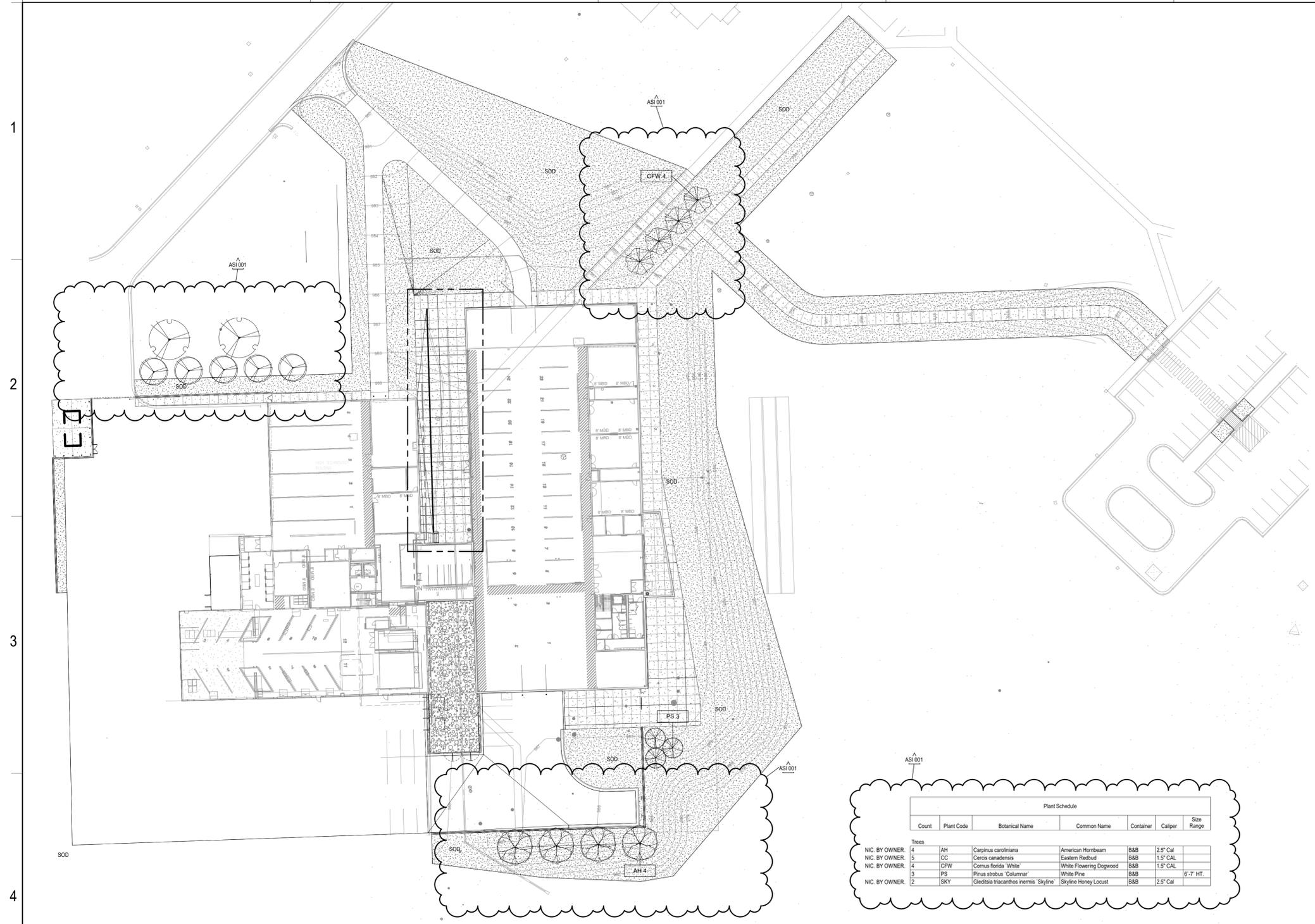
- 1 8' HT. CHAINLINK FENCE WITH MOWSTRIP. RE: 11/L4.0
- 2 8' HT. CHAINLINK SWING GATE. SIM TO: 11/L4.0
- 3 8' HT. CHAINLINK MANUAL SLIDE GATE W/ KNOX PADLOCK. RE: 12/L4.0
- 4 SURFACE MOUNTED HANDRAIL. RE: 6/L4.0
- 5 PIPE BOLLARD. RE: 5/L4.0
- 6 NOT USED
- 7 NOT USED
- 8 STAIRS WITH HANDRAILS. RE: 13/L4.0
- 9 8' HT. PVC COATED CHAINLINK FENCE WITH MOWSTRIP. SIM TO: 11/L4.0
- 10 8' HT. PVC COATED CHAINLINK GATE. RE: 11B/L4.0



FINAL DEVELOPMENT PLAN

REVISIONS	DATE
ADD 01	02.16.24
CITY	03.29.24
COMME	
NTS	
ASB-011	04.26.24
FDP	05.27.24
COMME	
NTS	

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Plant Schedule

Count	Plant Code	Botanical Name	Common Name	Container	Caliper	Size Range
Trees						
NIC. BY OWNER	4	AH	<i>Carpinus caroliniana</i>	American Hornbeam	B&B	2.5" Cal
NIC. BY OWNER	5	CC	<i>Cercis canadensis</i>	Eastern Redbud	B&B	1.5" CAL
NIC. BY OWNER	4	CFW	<i>Cornus florida</i> 'White'	White Flowering Dogwood	B&B	1.5" CAL
	3	PS	<i>Pinus strobus</i> 'Columnar'	White Pine	B&B	6-7 HT.
NIC. BY OWNER	2	SKY	<i>Gleditsia triacanthos</i> 'Skyline'	Skyline Honey Locust	B&B	2.5" Cal

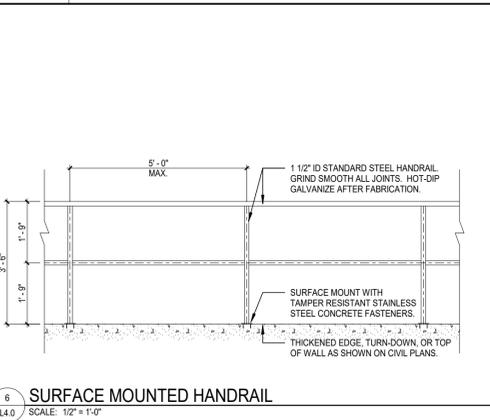
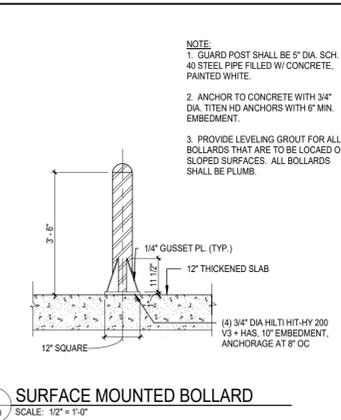
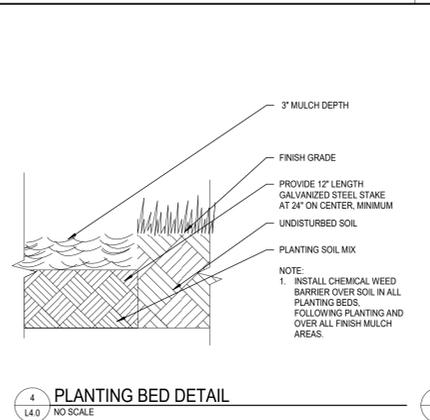
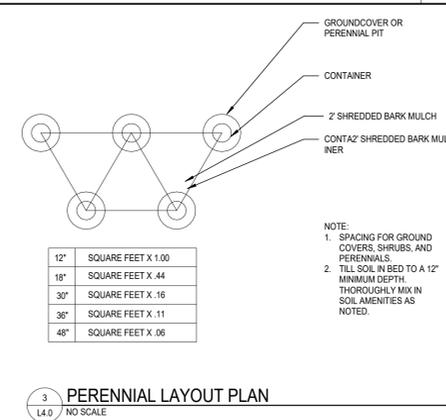
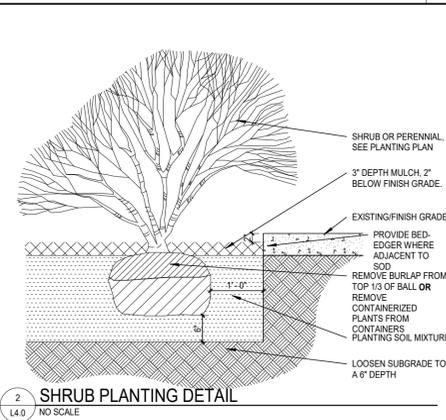
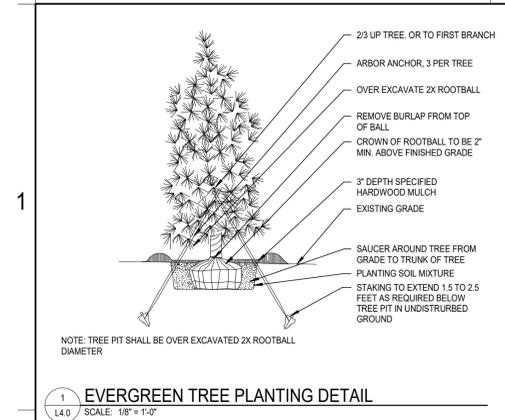
OVERALL SITE PLAN
SCALE: 1" = 30'-0"

LANDSCAPE NOTES:

- THE CONTRACTOR WILL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND STRUCTURES BEFORE COMMENCING WORK. THE CONTRACTOR WILL CONDUCT HIS WORK SO AS TO PREVENT INTERRUPTION OF SERVICE OR DAMAGE TO THEM. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO LOCATE AND PRESERVE ANY AND ALL EXISTING UTILITIES AND STRUCTURES.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES BEFORE STARTING ANY WORK.
- EXISTING UNDERGROUND (UG) UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO NOTIFY THE UTILITY COMPANIES TO LOCATE UTILITIES BEFORE ACTUAL CONSTRUCTION.
- THE CONTRACTOR WILL SHOW PROOF OF PROCUREMENT, SOURCES, QUANTITIES AND VARIETIES FOR ALL SHRUBS, PERENNIALS, ORNAMENTAL GRASSES, AND ANNUALS.
- SUBSTITUTIONS WILL BE ALLOWED ONCE THE CONTRACTOR HAS EXHAUSTED ALL SOURCES FOR THE SPECIFIED MATERIAL, AND HAS PROVEN THAT THE SPECIFIED MATERIAL IS NOT AVAILABLE. THE CONTRACTOR MUST PROVIDE NAME AND VARIETY OF SUBSTITUTION IN THE SUBSTITUTION REQUEST FORM TO THE LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO TAGGING OR PLANTING. SUBSTITUTIONS WILL BE NEAREST EQUIVALENT SIZE OF VARIETY OF PLANT HAVING SAME ESSENTIAL CHARACTERISTICS.
- SIZE AND QUALITY OF PLANT MATERIAL WILL CONFORM TO AMERICAN STANDARDS FOR NURSERY STOCK, ANSI 280-1992, OR MOST RECENT EDITION.
- ALL PLANT MATERIAL WILL BE NURSERY GROWN, SOUND, HEALTHY, VIGOROUS AND FREE FROM INSECTS, DISEASE AND INJURIES, WITH HABIT OF GROWTH THAT IS NORMAL FOR THE SPECIES. SIZES WILL BE EQUAL TO OR EXCEEDING SIZES INDICATED ON THE PLANT LIST. THE CONTRACTOR WILL SUPPLY PLANTS IN QUANTITY AS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ENSURING POSITIVE SURFACE DRAINAGE IS PROVIDED IN ALL PLANTING AND TURF AREAS. ALL GRADE SURFACES WILL BE FINISHED TO UNIFORM GRADES AND SLOPED IN SUCH A MANNER TO BE FREE OF DEPRESSIONS THAT CAUSE AREAS OF STANDING WATER. THE CONTRACTOR WILL REPORT ANY CONFLICTS WITH THIS REQUIREMENT TO THE LANDSCAPE ARCHITECT/OWNER FOR RESOLUTION PRIOR TO FINAL OPERATIONS.
- THE CONTRACTOR WILL REPORT SUB-SURFACE SOIL OR DRAINAGE ISSUES TO THE LANDSCAPE ARCHITECT.
- CONTRACTOR SHALL STAKE PLANT LOCATIONS IN THE FIELD AND HAVE APPROVAL BY THE LANDSCAPE ARCHITECT BEFORE PLANT PITS ARE EXCAVATED AND BEFORE PROCEEDING WITH INSTALLATION.
- TREES, SHRUBS & GROUND COVERS SHALL BE LAID OUT IN A UNIFORM AND CONSISTENT PATTERN.
- CONTRACTOR TO PLACE MULCH AROUND ALL TREES AND IN ALL PLANTING BEDS UNLESS OTHERWISE NOTED, TO A DEPTH OF 3" OR AS DESCRIBED IN THE SPECIFICATIONS. ALL PLANTING BEDS TO BE SEPARATED FROM LAWN AREAS WITH SPECIFIED EDGING OR CONCRETE CURB EDGE PER DRAWINGS.
- ELEVATION OF TOP OF MULCH SHALL BE 1/2" MIN. BELOW ANY ADJACENT PAVEMENT OR 2" MIN. BELOW FINISHED FLOOR ELEVATION.
- ALL SHRUB BEDS SHALL BE MULCHED WITH SPECIFIED ORGANIC OR DECORATIVE AGGREGATE MULCH AND SEPARATED FROM LAWN AREAS WITH SPECIFIED EDGING OR CONCRETE CURB EDGE PER DRAWINGS.
- CONTRACTOR SHALL FINE GRADE AND SEED ALL AREAS DISTURBED DURING CONSTRUCTION AND ESTABLISH NEW LAWN AREA, NOT DESIGNATED FOR SOD, NATIVE MEADOW, OR PLANTING BEDS. CONTRACTOR TO SEED ALL AREAS WITHIN CONTRACT LIMITS NOT COVERED BY PAVING, BUILDINGS, OR PLANTING BEDS UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CALCULATING ACTUAL AREAS OF SEED AND QUANTITIES REQUIRED FOR COVERAGE.
- ALL PLANT MATERIALS DELIVERED TO THE SITE FOR APPROVAL AND INSTALLATION SHALL BE IDENTIFIED AND TAGGED, TO ENSURE THE PLANTS PROVIDED ARE AS SPECIFIED. PLANTS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- ALL TREES SHALL BE CALLIPERED AND UNDERSIZED TREES SHALL BE REJECTED.
- PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR CONVENIENCE ONLY. PROVIDE AND INSTALL ALL PLANTS SHOWN ON THE PLANTING PLANS.
- SPACING OF ALL PLANTINGS TO BE AS SHOWN ON PLANS.
- ALL LANDSCAPE AREAS AND PLAYING FIELD AREAS TO HAVE A MINIMUM OF 6" TOPSOIL.

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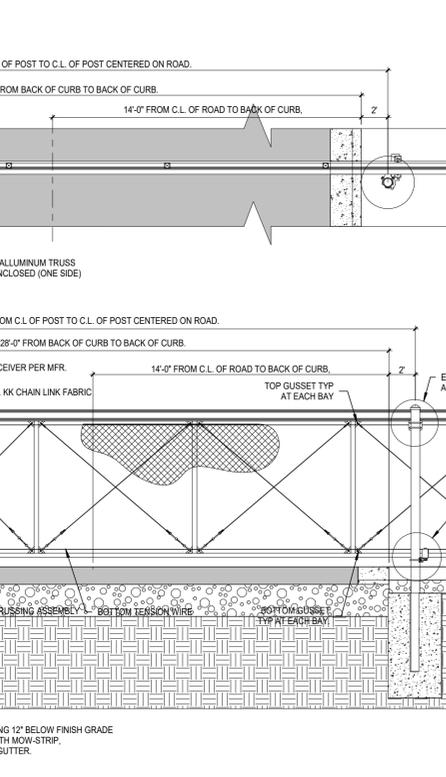
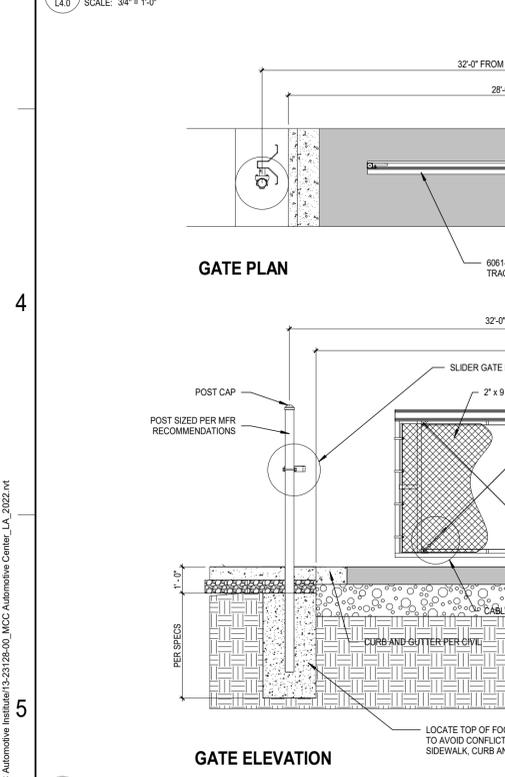
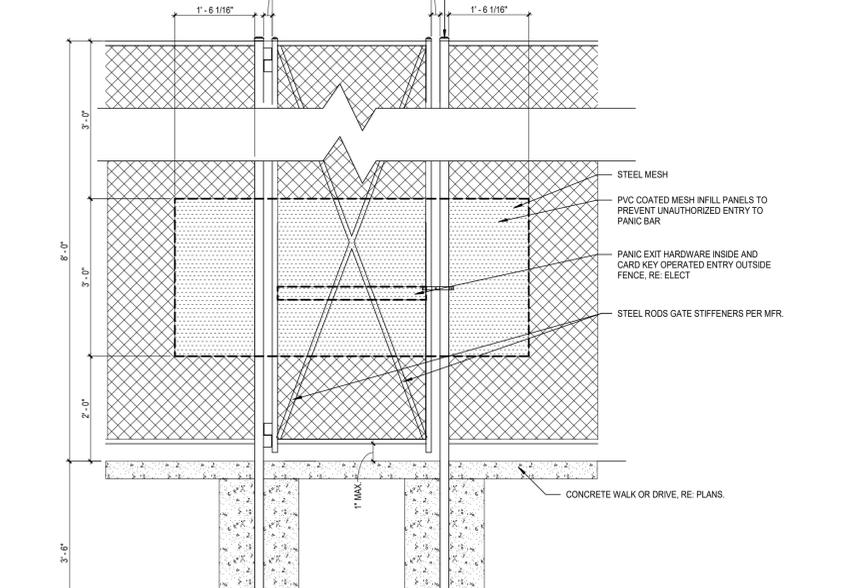
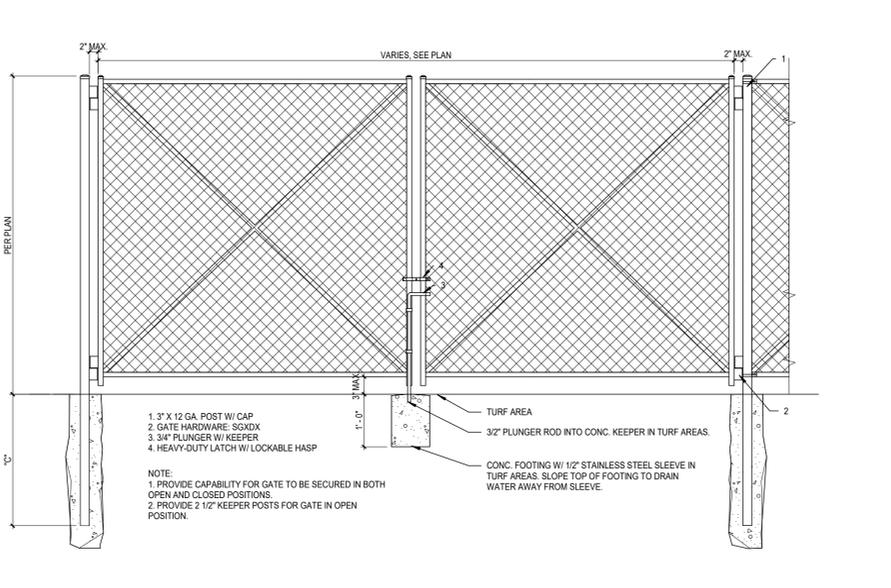
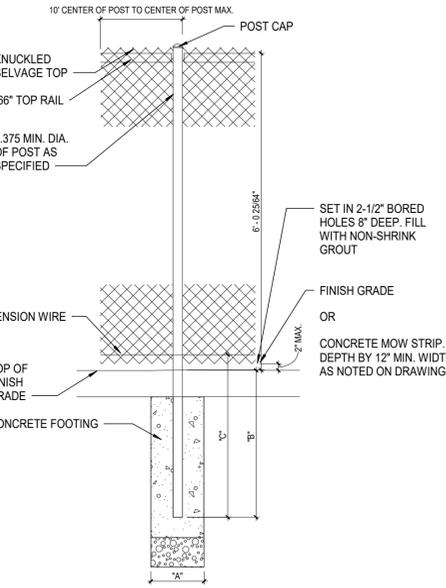
GATE POST

GATE LEAF WIDTH	GATE POST (OD)	FABRIC HEIGHT	"A" DIAM.	"B" DEPTH	"C" POST EMBED.
3' TO 6'	2.875"	3' TO 5'	12"	42"	40"
		6' TO 9'	14"	42"	44"
		10' TO 12'	16"	46"	48"
7' TO 12'	4.000"	3' TO 5'	14"	42"	40"
		6' TO 9'	16"	42"	44"
		10' TO 12'	18"	46"	48"

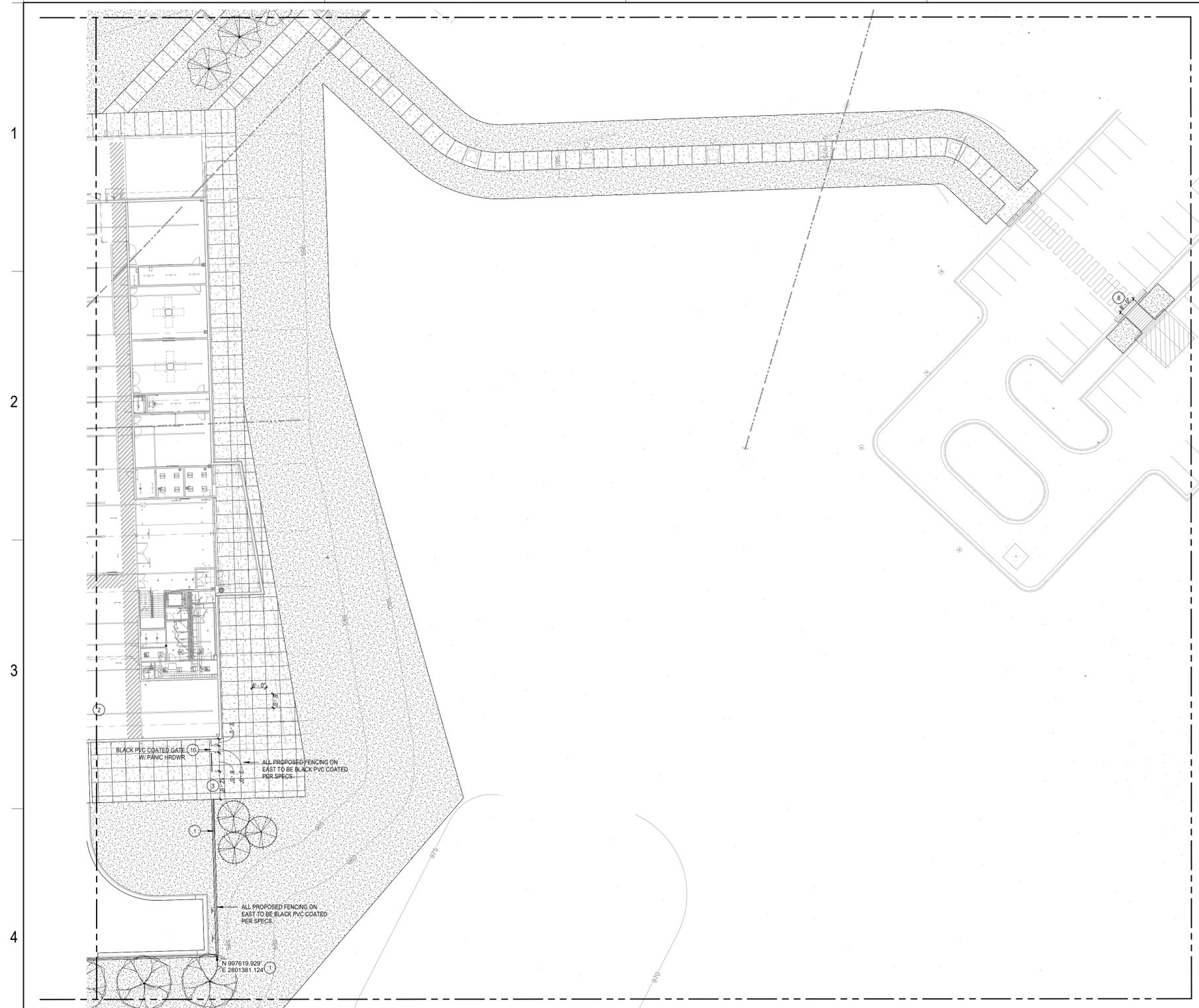
LINE AND TERMINAL POSTS

FABRIC HEIGHT	TYPE POST	"A" DIAM.	"B" POST DEPTH	"C" MIN. FOOTING DEPTH
3'-0" TO 4'-0"	LINE	12"	36"	38"
	TERMINAL	12"	36"	38"
5'-0"	LINE	12"	36"	38"
	TERMINAL	12"	36"	38"
6'-0" TO 9'-0"	LINE	12"	36"	38"
	TERMINAL	12"	36"	38"
10'-0" TO 12'-0"	LINE	18"	36"	38"
	TERMINAL	18"	48"	52"

NOTE: TERMINAL POSTS INCLUDE END, CORNER AND PULL POSTS



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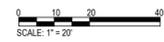
SHEET NOTES *

- 1 8' HT. CHAINLINK FENCE WITH MOWSTRIP. RE: 11L4.0
- 2 8' HT. CHAINLINK SWING GATE. SM TO: 11L4.0
- 3 8' HT. CHAINLINK MANUAL SLIDE GATE W/ KNOX PADLOCK. RE: 12L4.0
- 4 SURFACE MOUNTED HANDRAIL. RE: 6L4.0
- 5 PIPE BOLLARD. RE: 5L4.0
- 6 NOT USED
- 7 NOT USED
- 8 STAIRS WITH HANDRAILS. RE: 13L4.0
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- 10 8' HT. PVC COATED CHAINLINK GATE. RE: 11BL4.0

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OVERALL SITE PLAN
SCALE: 1" = 20'-0"



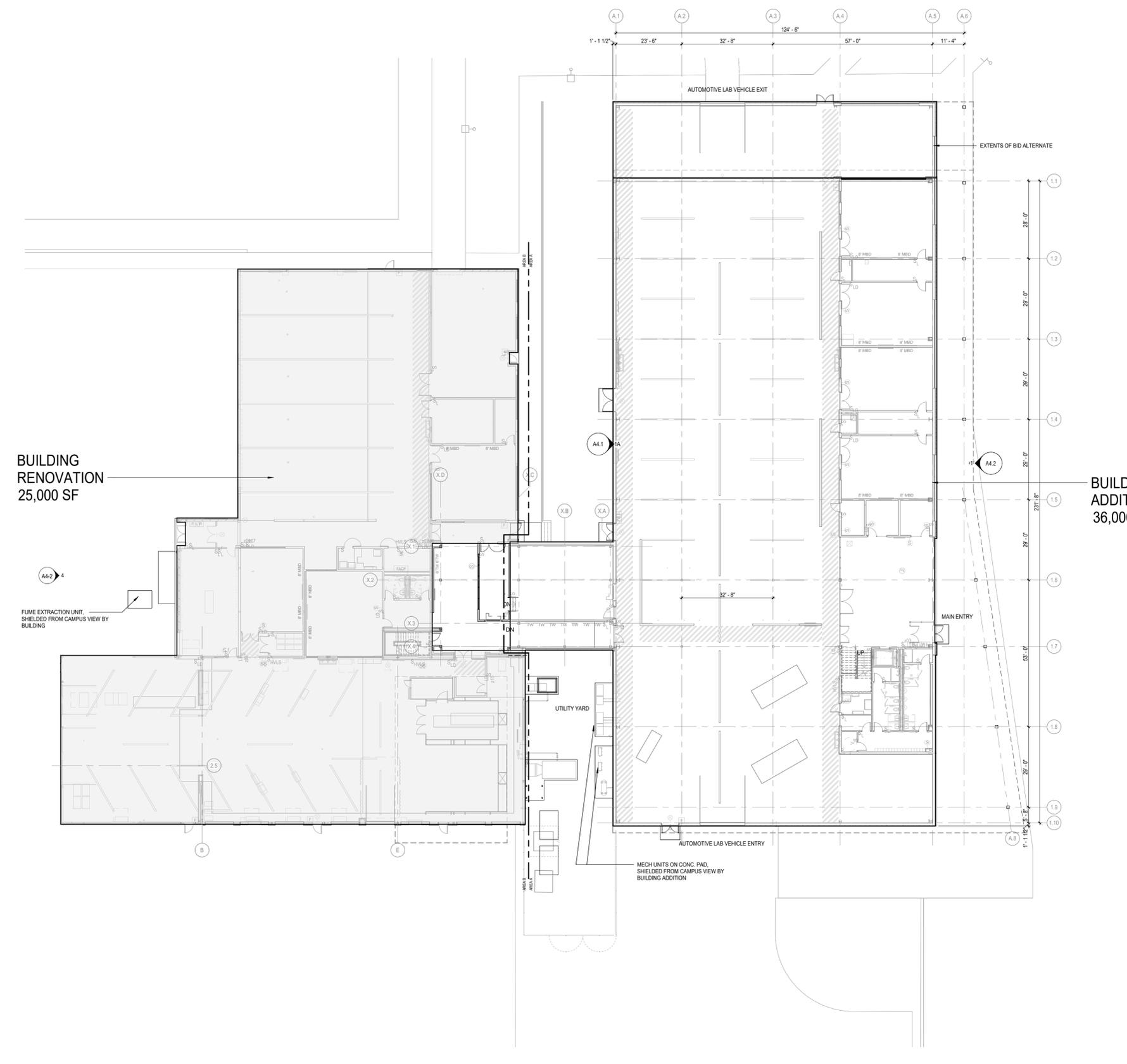
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METROPOLITAN COMMUNITY COLLEGE - LONGVIEW
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FINAL DEVELOPMENT PLAN
02.16.24
REVISIONS
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ENLARGED LAYOUT PLAN

L1.2

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OVERALL FLOOR PLAN, LEVEL 1
 SCALE: 1/16" = 1'-0"

 SCALE: 1/16" = 1'-0"



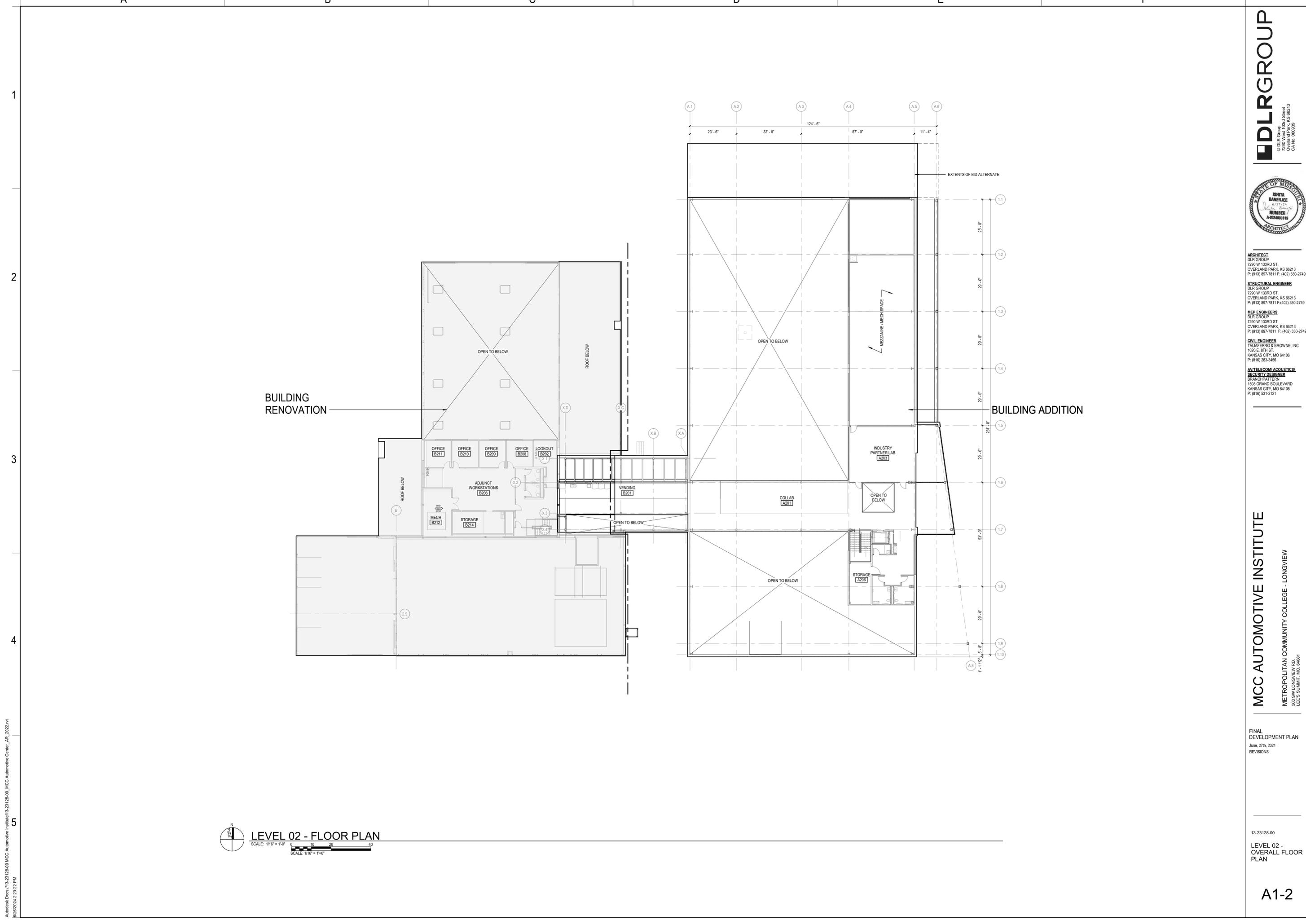
ARCHITECT
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STRUCTURAL ENGINEER
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MEP ENGINEERS
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AUTITELECOM/ACOUSTICS/SECURITY DESIGNER
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 1508 GRAND BOULEVARD
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LEVEL 02 - FLOOR PLAN
 SCALE: 1/16" = 1'-0"
 SCALE: 1/16" = 1'-0"

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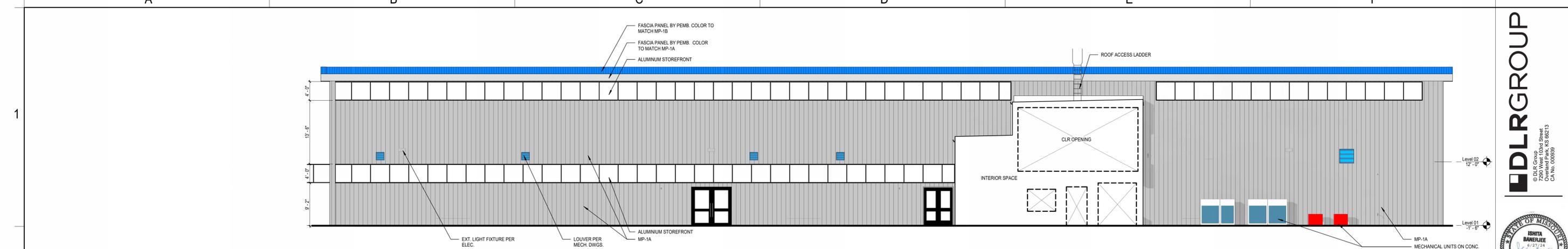
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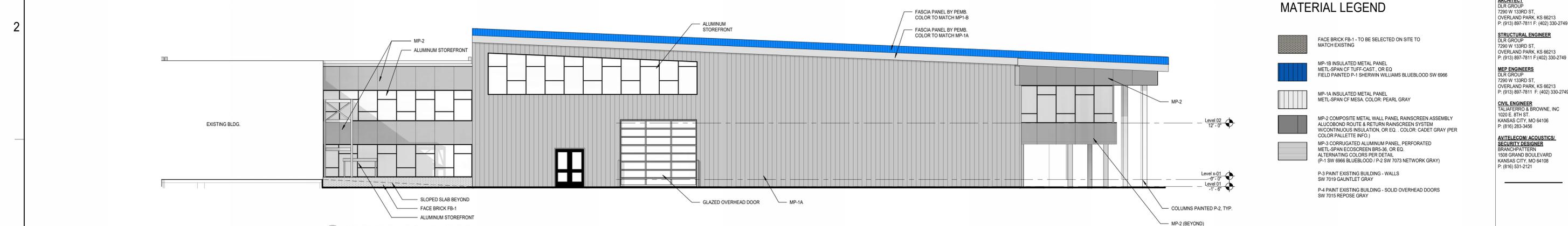
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FINAL DEVELOPMENT PLAN
 June 27th, 2024
 REVISIONS

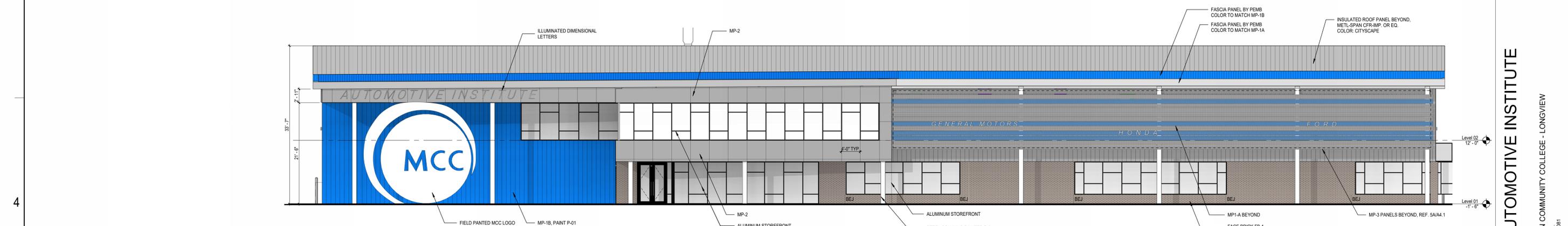
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 LEVEL 02 - OVERALL FLOOR PLAN



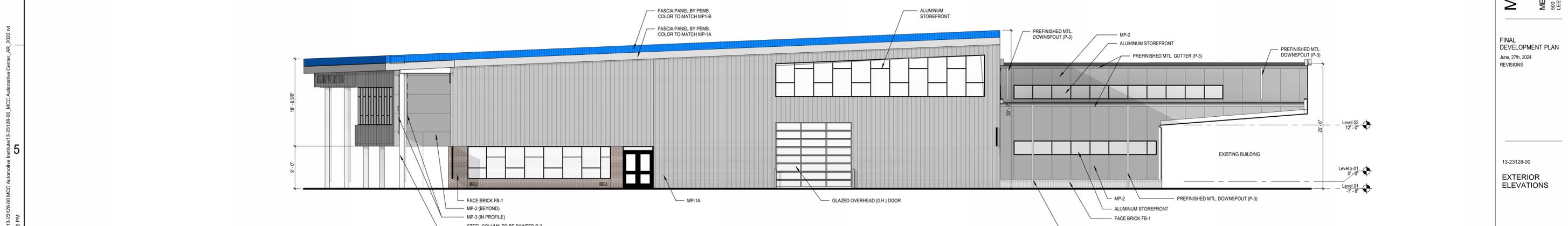
1B WEST ELEVATION - BASE BID
 AA-1 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"



2B SOUTH ELEVATION - BASE BID
 AA-1 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"



4A EAST ELEVATION - BASE BID
 AA-1 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"



5A NORTH ELEVATION - BASE BID (BID ALTERNATE SIM.)
 AA-1 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"

MATERIAL LEGEND

- FACE BRICK FB-1 - TO BE SELECTED ON SITE TO MATCH EXISTING
- MP-1B INSULATED METAL PANEL
METL-SPAN OF TUFF-CAST, OR EQ.
FIELD PAINTED P-1 SHERWIN WILLIAMS BLUEBLOOD SW 6966
- MP-1A INSULATED METAL PANEL
METL-SPAN OF MESA, COLOR: PEARL GRAY
- MP-2 COMPOSITE METAL WALL PANEL RAINSCREEN ASSEMBLY
ALUOBOND ROUTE & RETURN RAINSCREEN SYSTEM
W/CONTINUOUS INSULATION, OR EQ. COLOR: CADET GRAY (PER COLOR PALETTE INFO)
- MP-3 CORRUGATED ALUMINUM PANEL, PERFORATED
METL-SPAN ECOSCREEN BR5-36, OR EQ.
ALTERNATING COLORS PER DETAIL
(P-1 SW 6966 BLUEBLOOD / P-2 SW 7073 NETWORK GRAY)
- P-3 PAINT EXISTING BUILDING - WALLS
SW 7015 GAINLET GRAY
- P-4 PAINT EXISTING BUILDING - SOLID OVERHEAD DOORS
SW 7015 REPOSE GRAY



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FINAL DEVELOPMENT PLAN
 June, 27th, 2024
 REVISIONS

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 EXTERIOR ELEVATIONS

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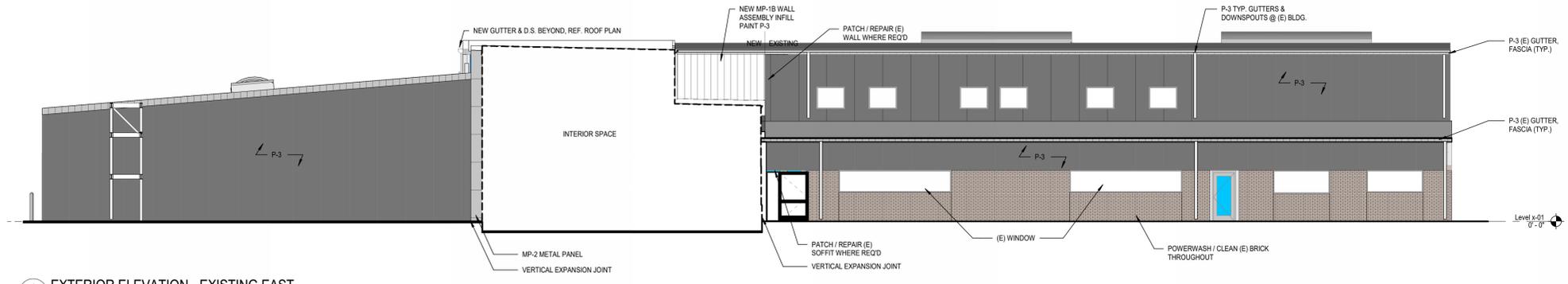
MEP ENGINEERS
 DLR GROUP
 7290 W 133RD ST
 OVERLAND PARK, KS 66213
 P: (913) 897-7811 F: (402) 330-2749

CIVIL ENGINEER
 TALIAFERRO & BROWNE, INC
 1020 E 8TH ST
 KANSAS CITY, MO 64108
 P: (816) 283-3466

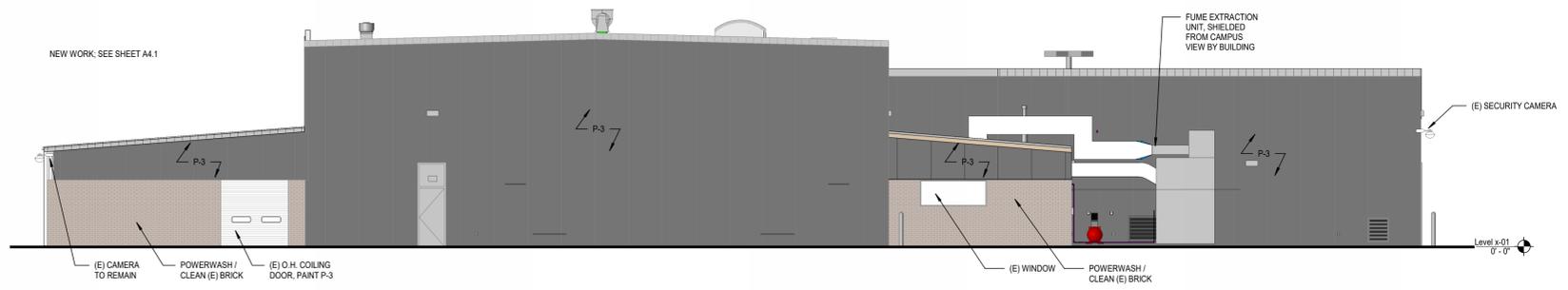
AVTELECOM ACOUSTICS / SECURITY DESIGNER
 BRANCHPATTERN
 1508 GRAND BOULEVARD
 KANSAS CITY, MO 64108
 P: (816) 531-2121

FINAL DEVELOPMENT PLAN
 June 27th, 2024
 REVISIONS
 ASI 01 04.30.24
 ASI 03 TBD

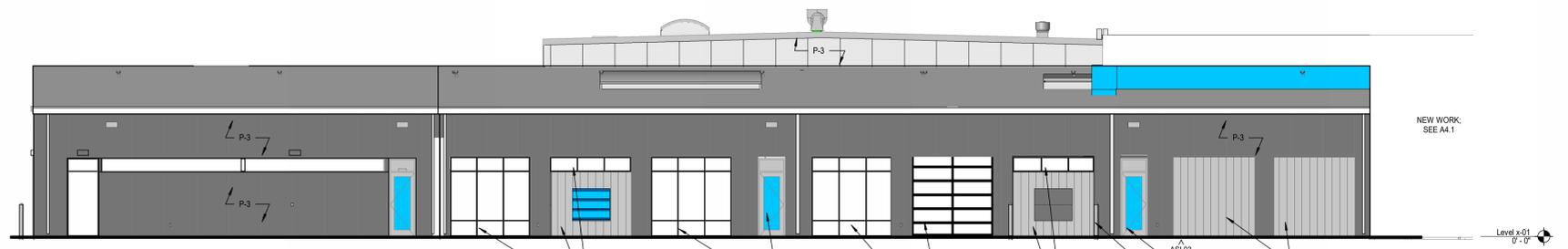
13-23128-00
EXTERIOR ELEVATIONS



1 EXTERIOR ELEVATION - EXISTING EAST
 A4-2 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"



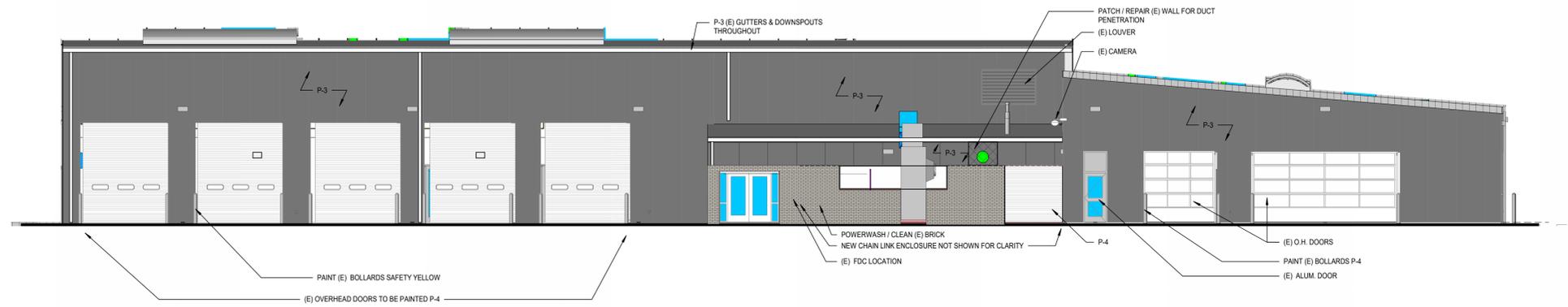
2 EXTERIOR ELEVATION - EXISTING NORTH
 A4-2 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"



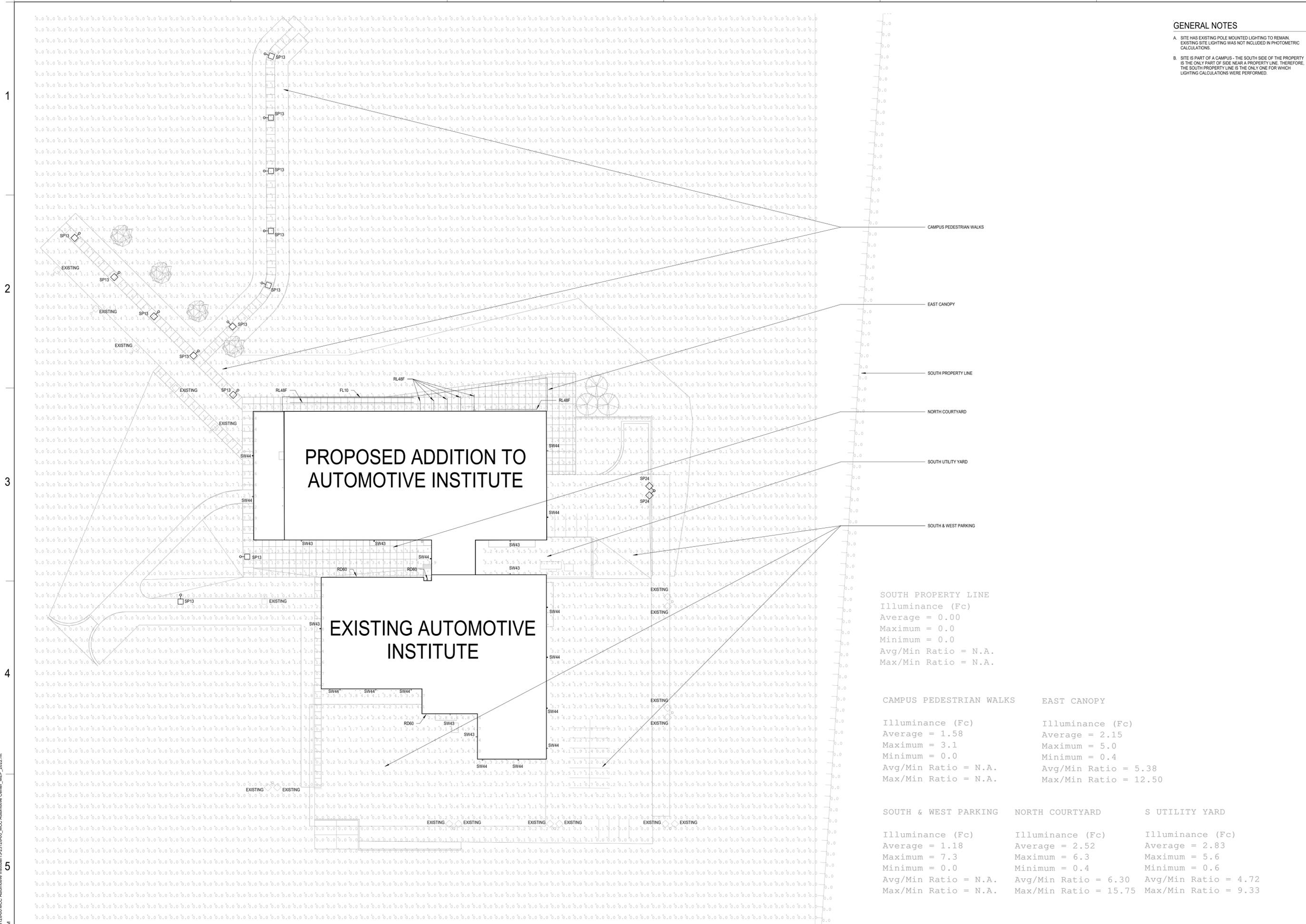
3 EXTERIOR ELEVATION - EXISTING SOUTH
 A4-2 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"

MATERIAL LEGEND

- FACE BRICK FB-1 - TO BE SELECTED ON SITE TO MATCH EXISTING
- MP-1B INSULATED METAL PANEL METL SPAN CF TUFF-CAST, OR EQ. FIELD PAINTED P-1 SHERWIN WILLIAMS BLUEBLOOD SW 6966
- MP-1A INSULATED METAL PANEL METL SPAN OF MESA. COLOR: PEARL GRAY
- MP-3 COMPOSITE METAL WALL PANEL RAINSCREEN ASSEMBLY ALUCOBOND ROUTE & RETURN RAINSCREEN SYSTEM W/CONTINUOUS INSULATION, OR EQ. COLOR: CADET GRAY (PER COLOR PALLETTE INFO)
- MP-3 CORRUGATED ALUMINUM PANEL, PERFORATED METL SPAN ECOSCREEN BR5-36, OR EQ. ALTERNATING COLORS PER DETAIL (P-1 SW 6966 BLUEBLOOD / P-2 SW 7073 NETWORK GRAY)
- P-3 PAINT EXISTING BUILDING - WALLS SW 7019 GAUNTLET GRAY
- P-4 PAINT EXISTING BUILDING - SOLID OVERHEAD DOORS SW 7015 REPOSE GRAY



4 EXTERIOR ELEVATION - EXISTING WEST
 A4-2 SCALE: 1/8" = 1'-0"
 SCALE: 1/8" = 1'-0"



GENERAL NOTES

A. SITE HAS EXISTING POLE MOUNTED LIGHTING TO REMAIN. EXISTING SITE LIGHTING WAS NOT INCLUDED IN PHOTOMETRIC CALCULATIONS.

B. SITE IS PART OF A CAMPUS - THE SOUTH SIDE OF THE PROPERTY IS THE ONLY PART OF SITE NEAR A PROPERTY LINE. THEREFORE, THE SOUTH PROPERTY LINE IS THE ONLY ONE FOR WHICH LIGHTING CALCULATIONS WERE PERFORMED.

CAMPUS PEDESTRIAN WALKS

EAST CANOPY

SOUTH PROPERTY LINE

NORTH COURTYARD

SOUTH UTILITY YARD

SOUTH & WEST PARKING

SOUTH PROPERTY LINE
 Illuminance (Fc)
 Average = 0.00
 Maximum = 0.0
 Minimum = 0.0
 Avg/Min Ratio = N.A.
 Max/Min Ratio = N.A.

CAMPUS PEDESTRIAN WALKS
 Illuminance (Fc)
 Average = 1.58
 Maximum = 3.1
 Minimum = 0.0
 Avg/Min Ratio = N.A.
 Max/Min Ratio = N.A.

EAST CANOPY
 Illuminance (Fc)
 Average = 2.15
 Maximum = 5.0
 Minimum = 0.4
 Avg/Min Ratio = 5.38
 Max/Min Ratio = 12.50

SOUTH & WEST PARKING
 Illuminance (Fc)
 Average = 1.18
 Maximum = 7.3
 Minimum = 0.0
 Avg/Min Ratio = N.A.
 Max/Min Ratio = N.A.

NORTH COURTYARD
 Illuminance (Fc)
 Average = 2.52
 Maximum = 6.3
 Minimum = 0.4
 Avg/Min Ratio = 6.30
 Max/Min Ratio = 15.75

S UTILITY YARD
 Illuminance (Fc)
 Average = 2.83
 Maximum = 5.6
 Minimum = 0.6
 Avg/Min Ratio = 4.72
 Max/Min Ratio = 9.33

**PROPOSED ADDITION TO
 AUTOMOTIVE INSTITUTE**

**EXISTING AUTOMOTIVE
 INSTITUTE**



Luminaire Type:
Catalog Number:

General Illumination Round Downlight 6"

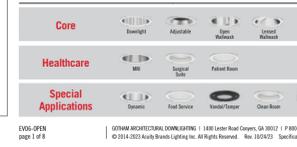
- Feature Set**
- Blending Ring™ optical design
 - Limited optics mechanically attach the light engine to the base reflector to complete optical alignment
 - 45° cutoff to source and source image
 - Fully recessed and adjustable round LED light engine
 - 20% linear maintenance at 60,000 hours
 - 2.5 MacAdam Ellipse, 85 CRI typical, 90 CRI optional
 - Reflector and lens coating available
- Distribution**
- Available with 10% dimming, 1% dimming, or dim to dark
- Blending Ring™ optical design
- Limited optics mechanically attach the light engine to the base reflector to complete optical alignment
- 45° cutoff to source and source image
- Fully recessed and adjustable round LED light engine
- 20% linear maintenance at 60,000 hours
- 2.5 MacAdam Ellipse, 85 CRI typical, 90 CRI optional
- Reflector and lens coating available



3000K - 15,000 lumens

Items marked with a **design select** icon are available for design select program and ship in 15 days or less. To learn more about design select, visit www.gothamlighting.com/designselect

Coordinate Apertures | Multiple Layers of Light



ECOSENSE LIGHTING INC. 837 NORTH SPRING STREET SUITE 103 LOS ANGELES, CA 90002



Luminaire Type:
Catalog Number:

General Illumination Round Downlight 6"

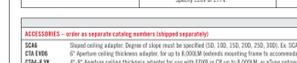
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Coordinate Apertures | Multiple Layers of Light



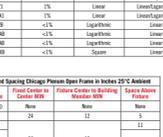
ECOSENSE LIGHTING INC. 837 NORTH SPRING STREET SUITE 103 LOS ANGELES, CA 90002



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General Illumination Round Downlight 6"

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Coordinate Apertures | Multiple Layers of Light



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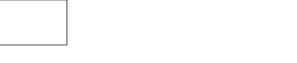
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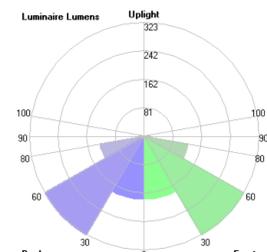
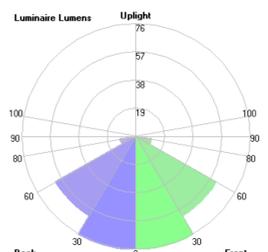
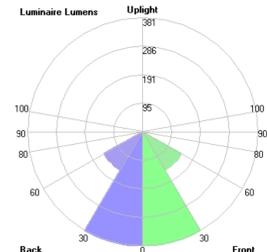
3000K - 15,000 lumens

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Coordinate Apertures | Multiple Layers of Light



ECOSENSE LIGHTING INC. 837 NORTH SPRING STREET SUITE 103 LOS ANGELES, CA 90002



DOWNLIGHT CUTSHEET - TYPE RD60

3A NO SCALE



DOWNLIGHT CUTSHEET - TYPE RD60

3A NO SCALE



DOWNLIGHT CUTSHEET - TYPE RD60

3A NO SCALE



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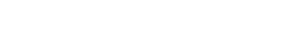
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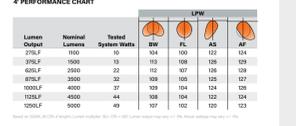
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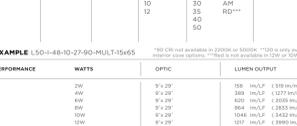
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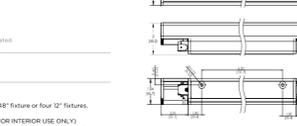
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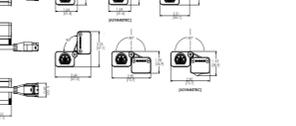
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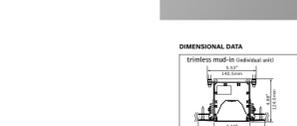
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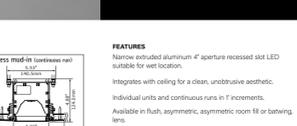
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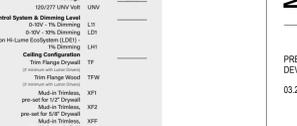
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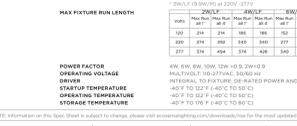
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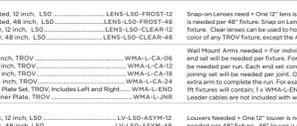
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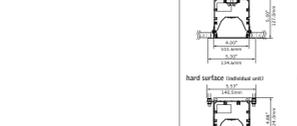
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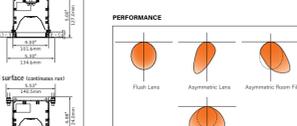
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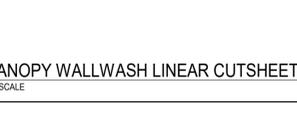
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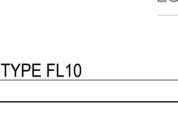
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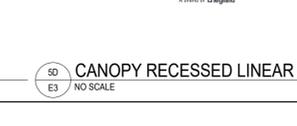
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3A NO SCALE



DOWNLIGHT CUTSHEET - TYPE RD60

3A NO SCALE



CANOPY WALLWASH LINEAR CUTSHEET - TYPE FL10

5A NO SCALE



CANOPY WALLWASH LINEAR CUTSHEET - TYPE FL10

5A NO SCALE



CANOPY WALLWASH LINEAR CUTSHEET - TYPE FL10

5A NO SCALE



CANOPY WALLWASH LINEAR CUTSHEET - TYPE FL10

5A NO SCALE



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5A NO SCALE

CANOPY WALLWASH LINEAR CUTSHEET - TYPE FL10

5A NO SCALE



DATE: 02/12/24
ELECTRICAL: JOSHUA WETZIG
PE #2021012060

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P: (816) 283-3466

AVTELECOM/Acoustics/
SCHEIDT & BROWN, INC
BRANCH PATERN
1558 GRAND BOULEVARD
KANSAS CITY, MO 64108
P: (816) 283-3466

MCC AUTOMOTIVE INSTITUTE
ADDITION AND REMODELS
METROPOLITAN COMMUNITY COLLEGE - LONGVIEW
500 S.W. LONGVIEW RD.
LEES SUMMIT, MO 66041

PRELIMINARY DEVELOPMENT PLAN
03.22.24

PHOTOMETRIC DETAILS & SCHEDULES

E3