

LEE'S SUMMIT NORTH HIGH SCHOOL

SITE PLAN

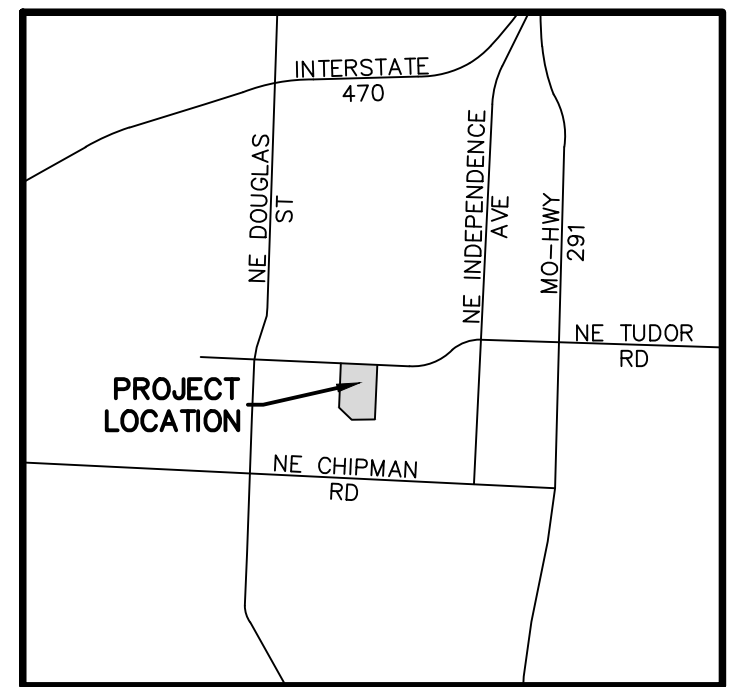
901 NE DOUGLAS ST, LEE'S SUMMIT, MO 64086
SECTION 31 - TOWNSHIP 48 N - RANGE 31 W

PREPARED FOR:

LEE'S SUMMIT SCHOOL DISTRICT
302 SE TRANSPORT RD,
LEE'S SUMMIT, MO 64081
PHONE: (816) 986-2421
CONTACT: KYLE GORRELL
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PREPARED BY:

KAW VALLEY ENGINEERING, INC.
14700 W 114TH TERR.
LENEXA, KANSAS 66215
PHONE: (913) 894-5150
CONTACT: DAVID WOOD
EMAIL: wood@kveng.com



DETAILS — SEE DETAIL SHEET N-C900 FOR THE FOLLOWING DETAILS:

- 001 CONCRETE CURB
- 055 CONCRETE SIDEWALK
- 056 CONCRETE SIDEWALK RAMP

NOTES:

- DISTURBED AREA SHALL BE FERTILIZED, MULCHED AND SEEDED WITH A THREE WAY BLEND OF TALL TURF TYPE FESCUE. (REFER TO SEEDING REQUIREMENTS ON SHEET N-C900). ALL SEEDED AREAS WITHIN 10' OF SIDEWALKS AND BUILDING, WITHIN 5' OF STORM OUTFALLS AND ON SLOPES STEEPER THAN 4:1 SHALL BE PROTECTED WITH A TYPE 2 EROSION CONTROL BLANKET (NORTH AMERICAN GREEN 575BN OR APPROVED EQUAL.)
- CONCRETE STOOP (REFERENCE STRUCTURAL PLANS.)
- PROPOSED FENCING. (REFERENCE ARCHITECTURAL PLANS FOR HEIGHTS, MATERIALS AND DETAILS.)
- RELOCATED TURNSTILE (REFERENCE ARCHITECTURAL PLANS FOR DETAILS.)
- FILL VOID UNDER SOUTHWEST CORNER OF BLEACHERS WITH FLOWABLE FILL.
- ACCESS GATE. (REFERENCE ARCHITECTURAL PLANS FOR DIMENSIONS, HEIGHTS, MATERIALS AND DETAILS.)
- PROPOSED OR MODIFIED STORM SEWER STRUCTURE (SEE SHEET N-C500.)
- SANITARY SEWER STRUCTURE (SEE SHEET N-C500.)

HORIZONTAL AND VERTICAL DATUM:

THE COORDINATES SHOWN HEREON ARE GROUND COORDINATES BASED ON THE MISSOURI STATE PLANE WEST ZONE (NAD 1983) (NAVD 1988) CAF: 0.9999999
1 METER = 3.28083333 U.S. SURVEY FEET
GROUND COORDINATES X COMBINED ADJUSTMENT FACTOR (CAF) = GRID COORDINATES
SCALED AROUND 0.0

JA-142 (PID: 095142)
NORTHING: 302106.953 (METERS) (GRID)
EASTING: 85860.058 (METERS) (GRID)
ELEVATION: 318.0 (METERS)

PROJECT CONTROL:

CP #201
1/2" REBAR FOUND "CAPPED CONTROL POINT"
NORTHING: 1005747.89
EASTING: 2824897.78
ELEV = 1029.48

CP #202
1/2" REBAR FOUND "CAPPED CONTROL POINT"
NORTHING: 1006282.63
EASTING: 2824855.59
ELEV = 1016.25

CP #204
SET 1/2" REBAR WITH CONTROL POINT CAP
NORTHING: 1005472.64
EASTING: 2825043.87
ELEV = 1022.57

SITE BENCHMARKS:

BM-60
CHISELED SQUARE ON EAST SIDE OF CONCRETE LIGHT POLE BASE AT SOUTHEAST CORNER OF PARKING LOT WEST OF STADIUM. (POLE # E-24)
ELEVATION= 1023.88

BM-64
CHISELED SQUARE ON NORTH SIDE OF CONCRETE LIGHT POLE BASE AT SOUTHWEST CORNER OF MAINTENANCE BUILDING AT SOUTH END OF TRACK. (POLE # E-26)
ELEVATION= 1023.18

SITE DATA:

PROJECT AREA/AREA OF DISTURBANCE
TOTAL: 16,999 SF (0.39 AC.)

IMPERVIOUS COVERAGE WITHIN PROJECT AREA

EXISTING: 9,965 S.F. — 0.23 AC.
PROPOSED: 12,158 S.F. — 0.28 AC.
INCREASE: 2,193 S.F. — 0.05 AC.

STORMWATER MANAGEMENT:

NO ADDITIONAL STORM WATER MANAGEMENT CONTROLS ARE PROPOSED AS PART OF THIS PROJECT.

LEGEND:

- SECTION CORNER
- CONTROL POINT
- BENCHMARK
- MONUMENT FOUND ORIGIN UNCERTAIN UNLESS OTHERWISE NOTED
- OVERHEAD UTILITY LINE (# OF LINES)
- LIGHT POLE
- UTILITY POLE
- ELECTRIC METER
- AIR CONDITIONER
- GAS METER
- WATER METER
- WATER LINE GATE VALVE
- FIRE HYDRANT
- WATER SPIGOT
- SPRINKLER VALVE
- BREAKER BOX
- ELECTRIC OUTLET
- DOOR ELEVATION (AT THRESHOLD)
- FINISH FLOOR ELEVATION
- BUSH
- BASKETBALL GOAL
- SPLICE BOX
- UTILITY VAULT
- SANITARY SEWER MANHOLE
- LIMITS OF DISTURBANCE
- STORM SEWER MANHOLE
- SANITARY SEWER CLEAN OUT
- DOWN SPOUT
- GRATE INLET
- FLARED END SECTION
- STREET/TRAFFIC SIGN
- TRAFFIC SIGNAL LIGHT POLE
- HANDICAP SYMBOL
- PARKING STALL COUNT
- HANDICAP SIGN
- DECIDUOUS TREE
- CONIFEROUS TREE
- TREE LINE
- TURN LANE DIRECTION
- CONCRETE PAVEMENT (055)
- AREA TO BE SEEDED. SEE NOTE 6.
- CONCRETE CURB AND GUTTER
- CONCRETE CURB AND GUTTER WITH REVERSE FLOW
- LANDING
- RAMP
- TRANSITION

- NOTE:**
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF ENTRANCE, SLOPED PAVING, EXIT PORCHES, RAMPS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
 - THESE PLANS HAVE NOT BEEN VERIFIED WITH FINAL ARCHITECTURAL CONTRACT DRAWINGS. CONTRACTOR SHALL VERIFY AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. CONTRACTOR IS FULLY RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND CONTRACTOR DOCUMENTS.

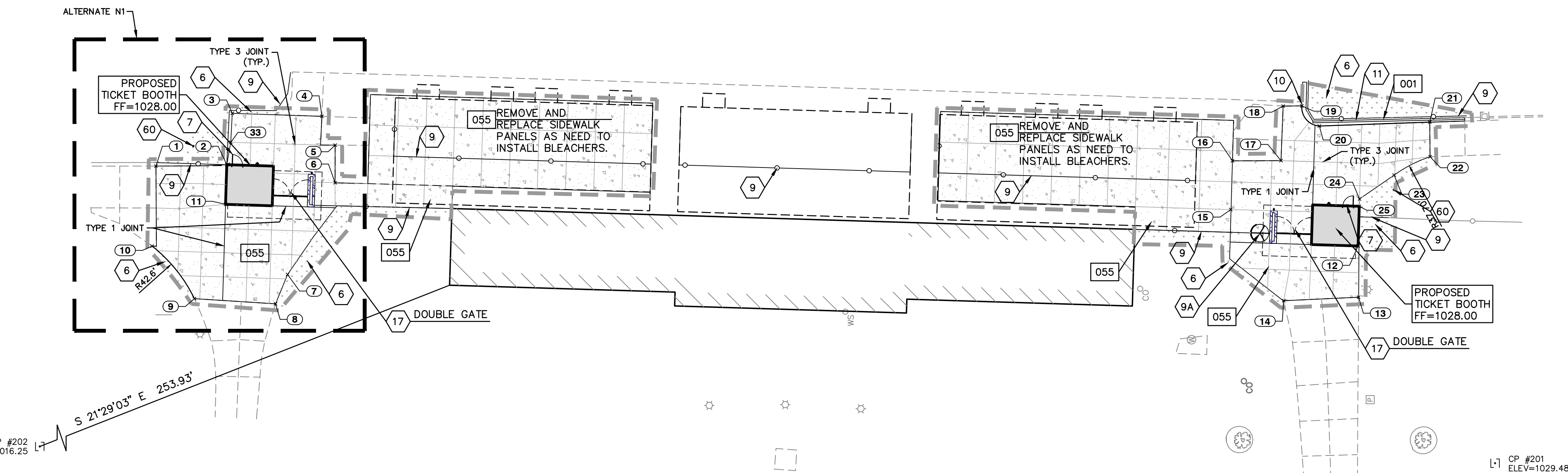
CONSTRUCTION NOTES:

- COORDINATE START-UP AND ALL CONSTRUCTION ACTIVITIES WITH THE ARCHITECT.
- CONSTRUCTION METHODS AND MATERIALS NOT SPECIFIED IN THESE PLANS ARE TO MEET OR EXCEED THE KANSAS CITY METROPOLITAN CHAPTER OF APWA STANDARD SPECIFICATIONS AS ADOPTED AND AMENDED BY THE CITY OF LEE'S SUMMIT.
- ALL CONSTRUCTION WORK AND UTILITY WORK SHALL BE PERFORMED IN COOPERATION WITH AND IN ACCORDANCE WITH REGULATIONS OF THE AUTHORITIES CONCERNED.

Point Table				
Point #	Northing	Easting	Elevation	Description
1	1006130.16	2824982.59	0.00	SW
2	1006109.93	2824982.99	0.00	OBC
3	1006108.36	2824997.64	0.00	SW
4	1006082.79	2824996.78	0.00	SW
5	1006079.01	2824988.57	0.00	SW
6	1006079.01	2824977.83	0.00	SW
7	1006092.58	2824951.64	0.00	SW
8	1006096.02	2824943.27	0.00	SW
9	1006119.19	2824944.76	0.00	SW
10	1006131.27	2824959.75	0.00	SW
11	1006110.28	2824971.66	0.00	OBC

Point Table				
Point #	Northing	Easting	Elevation	Description
12	1005786.99	2824959.78	0.00	OBC
13	1005786.83	2824945.16	0.00	SW
14	1005808.23	2824944.16	0.00	SW
15	1005823.34	2824970.18	0.00	SW
16	1005822.86	2824984.08	0.00	SW
17	1005809.00	2824984.14	0.00	SW
18	1005808.39	2824999.71	0.00	SW
19	1005803.04	2824999.77	0.00	SW
20	1005798.06	2824994.02	0.00	SW
21	1005766.53	2824995.14	0.00	SW
22	1005766.45	2824985.26	0.00	SW

Point Table				
Point #	Northing	Easting	Elevation	Description
23	1005776.69	2824980.01	0.00	SW
24	1005786.58	2824973.21	0.00	SW
25	1005786.65	2824971.11	0.00	OBC
26	1005576.70	2825288.09	0.00	OBC
27	1005552.05	2825287.30	0.00	OBC
28	1005504.43	2825245.67	0.00	SW
29	1005504.69	2825237.69	0.00	SW
30	1005584.63	2825230.55	0.00	SW
31	1005593.85	2825241.44	0.00	SW
32	1005589.92	2825250.75	0.00	SW



WARRANTY / DISCLAIMER

THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER KAW VALLEY ENGINEERING, INC NOR ITS PERSONNEL CAN OR DO WARRANTY THESE DESIGNS OR PLANS AS CONSTRUCTED, EXCEPT IN THE SPECIFIC CASES WHERE KAW VALLEY ENGINEERING PERSONNEL INSPECT AND CONTROL THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.

CAUTION — NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT LOCATIONS OF POSSIBLE CONFLICTS PRIOR TO ANY CONSTRUCTION.

SAFETY NOTICE TO CONTRACTOR

IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.



PROJ. NO. C20_0691 DSN: DDW ENGINEER
CFN: 0691SP-LSN.DWG DWN: NUN MO # 201037427
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KV KAW VALLEY ENGINEERING

KAW VALLEY ENGINEERING, INC. IS AUTHORIZED TO OFFER ENGINEERING SERVICES BY MISSOURI STATE CERTIFICATE OF AUTHORITY # 000842. EXPIRES 12/31/21



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Lee's Summit R7 District Athletics Facilities

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Lee's Summit, MO 64086

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Lee's Summit, MO 64086

architect:

Gould Evans
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Kansas City, MO 64111
816.931.6655 voice
www.gould-evans.com

structural engineer:

Bob D. Campbell & Company, Inc.
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816.531.4144

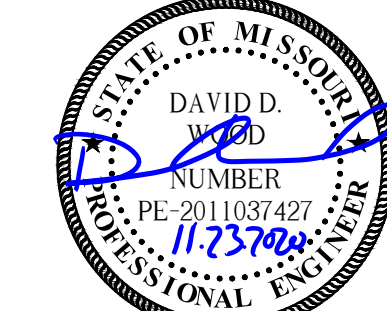
civil engineer:

Kaw Valley Engineering
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Lenexa, KS 66215
913.485.0318

mechanical/electrical engineer:

Henderson Engineers
1801 Main St
Kansas City, MO 64108
816.663.5700

UNLESS A PROFESSIONAL SEAL WITH SIGNATURE AND DATE IS AFFIXED, THIS DOCUMENT IS PRELIMINARY AND IS NOT INTENDED FOR CONSTRUCTION, RECORDING PURPOSES OR IMPLEMENTATION



Kaw Valley Engineering, Inc.
Missouri Certificate of Authority: 000842
David Wood Date: 11/23/2020
Engineer License No. PE-2011037427

REVISIONS

Number	DESCRIPTION	DATE
1	Final Development Plan Comments	11-23-2020

PROJECT NO: 0119-0100
DATE: SEPTEMBER 28, 2020

SITE AND DIMENSION PLAN

N-C100

BID SET