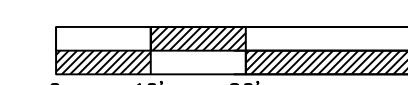
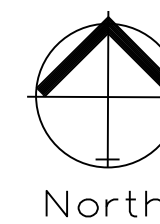


NOTE:

NIGHT WORK WILL BE REQUIRED, WITH A TOTAL SHUT-DOWN OF NO MORE THAN 8 HOURS. ALL SHUT-DOWNS OF THE WATER MAIN MUST FOLLOW THE CITY OF LEE'S SUMMIT STANDARDS IN TERMS OF CONTRACTOR NOTIFICATION OF AFFECTED PROPERTY OWNERS, MINIMUM NOTICE OF 48 HOURS, AND COORDINATION WITH THE CITY INSPECTOR FOR THE ACTUAL SHUT-DOWN.



SITE UTILITY PLAN

SCALE: 1" = 20'

BENCHMARK

EXISTING BENCHMARK NAME
WRITTEN DESCRIPTION OF BENCHMARK AND LOCATION

BENCHMARK ELEVATION = 000.00

NEW BENCHMARK NAME
WRITTEN DESCRIPTION OF BENCHMARK AND LOCATION

BENCHMARK ELEVATION = 000.00

CAUTIONARY NOTE

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS DRAWING ARE BASED ON ABOVE GROUND EVIDENCE OR INFORMATION GATHERED DURING THE FIELD SURVEY PORTION OF THIS PROJECT. AS SUCH, THIS INFORMATION IS SPECULATIVE IN NATURE. ONLY AND SHOULD NOT BE CONSTRUED AS FACT. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF THE UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF ANY AND ALL CONSTRUCTION.

UTILITY STATEMENT

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

UTILITY NOTE

ALL UTILITIES SHALL BE TIED INTO THE NEAREST LOCAL UTILITY SERVICE AVAILABLE AS APPROVED BY THE UTILITY COMPANY IN QUESTION, AND ACCORDING TO ALL LOCAL GOVERNMENTAL REQUIREMENTS AND BROUGHT INTO THE MECHANICAL ROOM.

UTILITY STATEMENT

The underground utilities shown have been located from field survey information and existing drawings. The surveyor makes no guarantee that the underground utilities comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. The surveyor has not physically located the underground utilities.

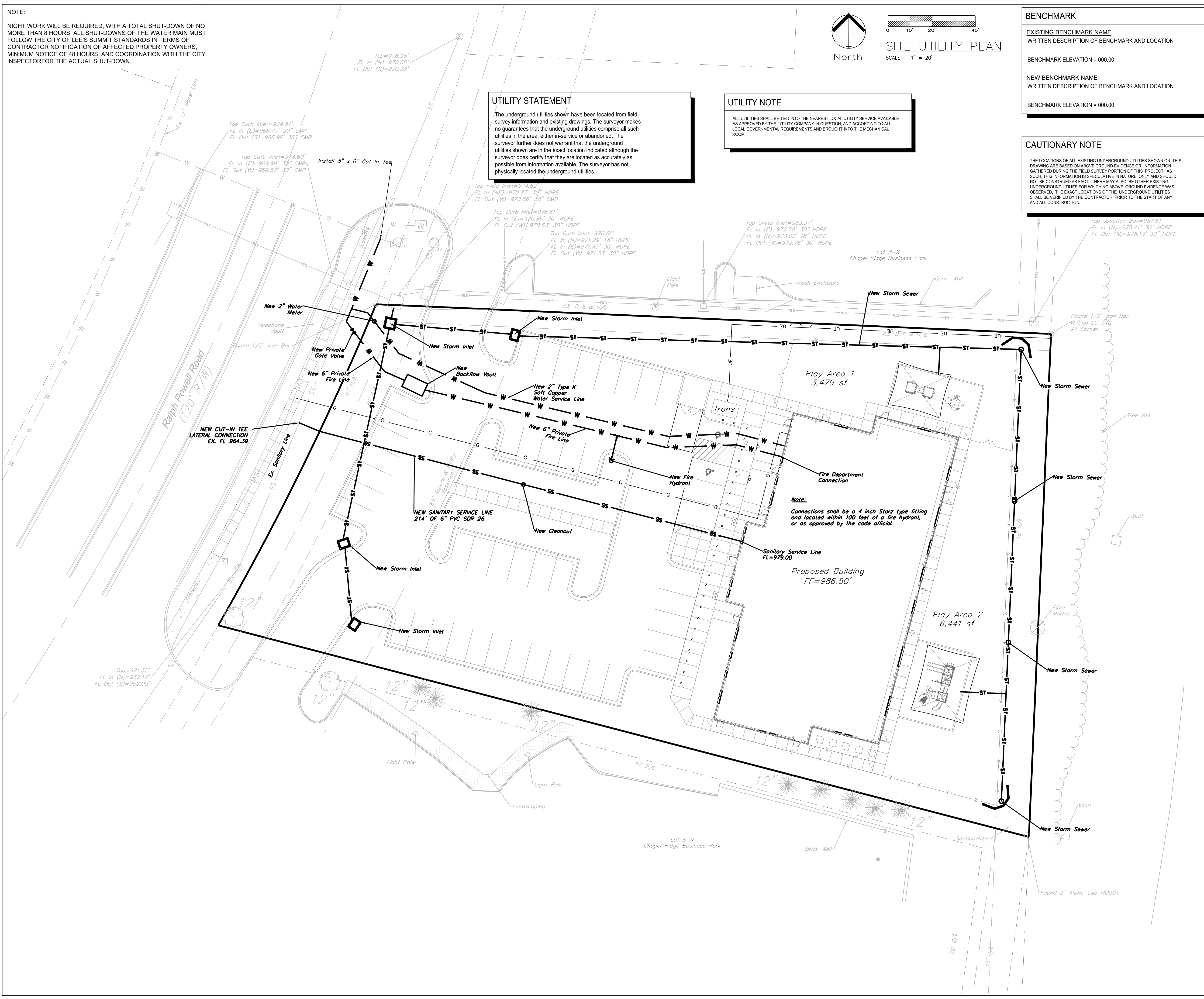
SYMBOL LEGEND

MARK	DESCRIPTION:
	EXISTING ASPHALT
	EXISTING CONCRETE
	EXISTING BRICK
	TEMPORARY BENCHMARK
	SECTION CORNER
	REBAR FOUND/REBAR SET
	RAILROAD SPIKE FOUND
	MAG NAIL FOUND
	YARD LIGHT
	POWER POLE
	GUY WIRE
	TELEPHONE PEDESTAL
	STAND PIPE
	SANITARY MANHOLE
	MAIL BOX
	DECIDUOUS TREE
	WATER VALVE
	FIRE HYDRANT
	WATER MANHOLE
	INLET (SHOULD BE LOCATED OUTSIDE PLAY YARD OR PLASTIC GRATES ARE TO BE USED)
	CURB INLET
	BEEHIVE INLET
	DRAINAGE MANHOLE
	PROPOSED ELEVATION
	STORM INLET TOP OF CASTING ELEVATION
	STORM SEWER INVERT ELEVATION
	TOP OF CURB ELEVATION
	BOTTOM OF CURB ELEVATION
	PROPOSED CONTOUR

The locations of existing underground utilities shown on this plan are based on above ground evidence only, including, but not limited to, manholes, meters, valves, and marks made by others.

UTILITY NOTES

1. THERE SHALL BE NO UTILITIES RUN UNDER PLAYGROUND AREAS.
2. THE UTILITIES INDICATED ON THESE PLANS AND ON THE SURVEY MAY NOT BE A COMPLETE INVENTORY OF ALL THE EXISTING UTILITIES PRESENT ON AND AROUND THE SITE. THE LOCATION AND SIZE OF THESE UTILITIES MAY BE APPROXIMATE. THE ENGINEER SHALL NOT BE HELD LIABLE FOR ANY INACCURATE UTILITY INFORMATION INDICATED, IMPLIED, OR NOT INDICATED ON THESE PLANS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND ORDER ALL NEW SERVICES, LOCATE AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY PIPING, WHICH CAN BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR, AT HIS EXPENSE WITH THE PERMISSION OF THE OWNER.
4. BEFORE WORKING WITH OR AROUND EXISTING UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR.
5. WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND STRUCTURES OR WHERE CONSTRUCTION IS IN THE VICINITY OF EXISTING PIPING, THE LOCATION AND ELEVATION OF THE EXISTING PIPING SHALL BE FIELD VERIFIED. NOTIFICATION SHALL BE GIVEN TO THE OWNER IF THE EXISTING PIPING IS FOUND TO BE DIFFERENT THAN THAT SHOWN ON THE DRAWINGS.
6. FOR CLARITY OF THESE DRAWINGS, PIPES MAY NOT BE DRAWN TO SCALE OR EXACTLY LOCATED.
7. NEW 6" WATER LINES SHALL BE DUCTILE IRON CONFORMING TO AWWA C151, CLASS 55. NEW 2" WATER LINES SHALL BE SEAMLESS COPPER WATER TUBING THAT SATISFIES THE REQUIREMENTS OF ASTM 1886.
8. ALL NEW WATER LINES SHALL HAVE A MINIMUM OF 54 INCHES OF COVER.
9. MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN NEW WATER AND SANITARY SEWER LINES. IF 18 INCHES OF CLEARANCE IS NOT PROVIDED THEN THE SEWER MUST BE CONSTRUCTED OF WATER WORKS GRADE DUCTILE IRON PIPE WITH MECHANICAL JOINTS OR PVC (SDR-26) PIPE WITH GASKETTED, COMPRESSION-TYPE JOINTS WITHIN TEN FEET OF THE WATER LINE.
10. NEW 6" SANITARY LATERALS SHALL BE SDR-35, SCHEDULE 80 OR SCHEDULE 40 PVC PIPE CONFORMING TO ASTM D2241, AND SHALL MEET THE DEFLECTION STANDARDS OF ASTM D-3303.
11. ALL INLET COVER GRATES LOCATED IN PLAYGROUND AREA TO BE EXTERIOR GRADE RIDGED PVC (NO CAST IRON).
12. CONTRACTOR TO PROVIDE SURFACE MOUNT EXTERIOR GRADE PHONE CABINET AND PHONE, 48" MIN. TO 60" MAX. AFF. TO PROTRUDE 4" MAX. FROM FACE OF WALL. SEE HOFFMAN ATC12124S TYPE 1 STEEL CABINET. PAINT TO MATCH ADJACENT WALL COLOR.
13. CONTRACTOR TO COORDINATE INTERNET SERVICE AND COAX INSTALL AND LOCATIONS WITH OWNER AND GSI REPRESENTATIVE.

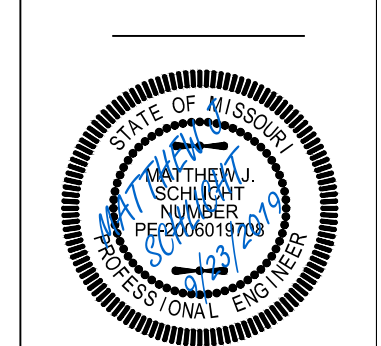


Professional Registration
Missouri
Engineering 200502188-D
Surveying 200503019-D
Kansas
Engineering E-1695
Surveying LS-218
Oklahoma
Engineering 02-24
Nebraska
Engineering CA2821

Lot 8-J, Chapel Ridge Business Park
Section 17, Township 48 North, Range 31 West
Lee's Summit, Jackson County, Missouri

Project: GODDARD SCHOOL
LOT 8 & CHAPEL RIDGE
Issue Date: February 9, 2019

UTILITY PLAN
Construction Plans for:
GODDARD SCHOOL
Lee's Summit, Jackson County, Missouri



Matthew J. Schlicht
MO PE 2006019708
KS PE 19071
OK PE 25226

REVISIONS

2/8/19 Bid Set
REV 2/12/19
REV 5/7/19
REV 5/30/19

STORM REV 9/23/19