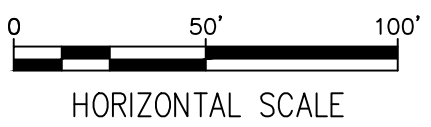


NORTH ORIENTATION FROM MISSOURI  
STATE PLANE COORDINATE SYSTEM  
EASTERN ZONE, GRID NORTH  
IN ACCORDANCE WITH THE MODOT  
VRS SYSTEM



KEYED NOTES

- PROPOSED 8" Ø C-900 PVC WATER MAIN WITH TRACER WIRE, TYP. 42 INCHES MINIMUM COVER. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS. REFER TO SHEETS C1.5 FOR DETAILS AND SHEETS C2.4 & C2.5 FOR PROFILES.
- PROPOSED FIRE HYDRANT. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS. REFER TO SHEET C1.5 FOR DETAILS.
- PROPOSED 8"x8"x8" Ø MECHANICAL JOINT TEE AND THREE (3) GATE VALVES. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS.
- PROPOSED 8" Ø GATE VALVE, FLUSH DEVICE & CAP AT END OF PROPOSED WATER MAIN. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS. REFER TO SHEET C1.5 FOR DETAILS.
- PROPOSED STREET LIGHT, AMEREN STANDARD, TYP. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS.
- PROPOSED STOP SIGN, R1-1 (MUTCD) AND STREET NAME SIGNS.
- PROPOSED A.D.A. ACCESSIBLE RAMP WITH DETECTABLE WARNING STRIP TO BE INSTALLED AT TIME OF STREET CONSTRUCTION. REFER TO CITY STANDARD DETAIL ON SHEET C1.3.
- PROPOSED 8" SDR-35 PVC SANITARY SEWER MAIN, TYP. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS. REFER TO SHEET C1.4 FOR DETAILS & SHEETS C2.1 & C2.2 FOR PROFILES.
- PROPOSED 4" Ø SCHEDULE 40 PVC SANITARY SEWER SERVICE, TYP. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS.
- PROPOSED STORM SEWER, TYP. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS & SPECIFICATIONS. REFER TO SHEET C1.4 FOR DETAILS AND SHEET C2.3 FOR PROFILES.
- TEMPORARY TURNAROUND ( 84" DIAMETER) AGGREGATE SURFACE, 7" THICK, WITHIN TEMPORARY EASEMENT (104' DIAMETER)
- PROPOSED SUBDIVISION MONUMENT SIGN
- PROPOSED NO PARKING SIGN, R7-1 (MUTCD)
- PROPOSED DEAD END SIGN, W14-1 (MUTCD)
- 5' WIDE X 4" THICK CONCRETE SIDEWALK, TYP. TO BE CONSTRUCTED BY HOME BUILDERS FOR EACH LOT DURING THE HOME CONSTRUCTION PROCESS. REFER TO SHEET C1.3 FOR DETAIL.

- GENERAL CONSTRUCTION NOTES -

- FULL TRENCH DEPTH COMPACTED GRANULAR BACKFILL IS REQUIRED AT ALL LOCATIONS WHERE PROPOSED UTILITIES CROSS UNDER PROPOSED PAVEMENT AREAS IN ACCORDANCE WITH THE OF CITY OF CAPE GIRARDEAU STANDARDS.
- MAINTAIN A MINIMUM OF 10 FEET HORIZONTAL SEPARATION BETWEEN WATER MAINS, SEWER MAINS, AND STORM DRAINS, AND BETWEEN MAINS AND STRUCTURES. MAINTAIN A MINIMUM OF 18 INCHES VERTICAL CLEARANCE BETWEEN WATER MAINS, SEWER MAINS AND STORM DRAINS.
- ALL WORK SHALL COMPLY WITH THE CITY OF CAPE GIRARDEAU STANDARD SPECIFICATIONS.
- COORDINATION WITH OTHER UNDERGROUND UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY.
- ALL 8"Ø WATERLINE INDICATED HEREON SHALL BE CLASS 900, PRESSURE CLASS 200 PVC.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 42" OF COVER FOR WATERLINE CONSTRUCTION.
- WATER MAIN TRACER WIRE SHALL BE BLUE COATED, 12 GAUGE AWG-THHN SOLID COPPER, INSULATION THICKNESS 0.030", AND BE APPROVED FOR DIRECT BURIAL.
- WIRE SHALL BE DUCT TAPED TO CENTERLINE OF PIPE AT 10' INTERVALS.
- WHEN ROCK IS ENCOUNTERED IN PIPE TRENCHES, A MINIMUM 6" CUSHION OF CRUSHED AGGREGATE IS REQUIRED.
- ALL DIMENSIONS LISTED FOR SANITARY SEWER STRUCTURES ARE THE DIMENSIONS OF THE INSIDE OF THE STRUCTURE.
- ALL SANITARY SEWER PIPE LENGTHS ARE MEASURED FROM THE INSIDE FACE OF THE STRUCTURE.
- STORM WATER INFRASTRUCTURE LOCATED WITHIN RIGHTS-OF-WAY SHALL BE PUBLICLY MAINTAINED. OWNER/SUBDIVISION TRUSTEES SHALL BE RESPONSIBLE FOR MAINTENANCE OF STORM WATER DETENTION POND AND STORM WATER INFRASTRUCTURE WITHIN THE PRIVATE STORM WATER EASEMENTS SHOWN HEREON.
- ALL STORM SEWER INLETS SHALL BE REINFORCED CONCRETE CURB INLETS IN ACCORDANCE WITH THE CITY OF CAPE GIRARDEAU STANDARDS.
- ALL STORM SEWER INVERTS SHALL BE GROUTED TO DRAIN.

- PROPOSED 4' WIDE INFILTRATION TRENCH, TYP. LENGTH INDICATED HEREON. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS AND SPECIFICATIONS.
- PROPOSED 385' LONG X 6' WIDE INFILTRATION TRENCH, TYP. INSTALL PER CITY OF CAPE GIRARDEAU STANDARD DRAWINGS AND SPECIFICATIONS.
- PROPOSED 4' CONCRETE WEIR TO BE INSTALLED IN EXISTING POND BERM. FLOWLINE ELEV: 543.00, TOP ELEV: 546.00
- PROPOSED FIRST DEFENSE HIGH CAPACITY MODEL FD-6HC WATER QUALITY UNIT WITH TREATMENT FLOW RATE OF 4.2 CFS AND PEAK FLOW RATE OF 32 CFS. SEE SHEET C0.3 FOR ADDITIONAL INFORMATION
- EXISTING SANITARY SEWER
- LIVE CONNECT (HOT TAP) TO EXISTING PUBLIC WATER MAIN WITH 12"x12"x8" TAPPING SLEEVE AND SADDLE. DIRECTIONAL BORE ACROSS LASALLE AVENUE, WITH 52 LF 18" STEEL CARRIER PIPE. SEE DETAIL ON SHEET C0.3 FOR CASING PIPE AND SPACER INFORMATION. INSTALL 8" MECHANICAL JOINT GATE VALVE WITH MEGALUGS, PER CITY OF CAPE GIRARDEAU STANDARDS AND DETAILS. COORDINATE WITH WATER UTILITY.

CITY REVIEW & APPROVAL STAMP

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INFRASTRUCTURE IMPROVEMENT PLANS  
TOUCHDOWN RIDGE 2  
LASALLE AVENUE, CAPE GIRARDEAU, MO

MEYR PROPERTIES, LP  
C/O. MR. RYLAND "DUTCH" MEYR

REV	DATE	DESCRIPTION

INFRASTRUCTURE MASTER PLAN

KELS PJCT NO.	OWNR PJCT NO.
DESIGNED BY	
DRAWN BY	SHEET NO.
CHECKED BY	
DATE	

C1.0  
7.20.2020