#### **H&S GENERAL NOTES:**

- BOUNDARY AND TOPOGRAPHIC SURVEY BY HORNER SHIFRIN, 401 S. 18TH ST., SUITE 400,ST. LOUIS, MISSOURI 63103 AND SURDEX, 520 SPIRIT OF ST. LOUIS BLVD., CHESTEFIELD, MISSOURI 63005
- DO NOT SCALE DRAWINGS. USE DIMENSIONS SHOWN. ANY DISCREPANCY SHALL BE REPORTED IMMEDIATELY TO THE CONSTRUCTION MANAGER.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO ACCOMPLISH THIS WORK. THE COST OF THESE PERMITS SHALL BE INCLUDED IN THE CONTRACT AMOUNT.
- 4. SITE DIMENSIONS ARE TO FACE OF CURB, PROPERTY LINE OR FACE OF BUILDING UNLESS OTHERWISE NOTED. ALL DIMENSIONS AND RADII TO OR FROM CURB LINES ARE TO FACE OF CURB.
- DO NOT DISTURB ANY UTILITIES UNLESS NOTED OTHERWISE.
- USE OF EXPLOSIVES AND BURNING ON-SITE WILL NOT BE PERMITTED.
- CONSTRUCTION SIGNS, LIGHTS, AND BARRICADES SHALL BE INSTALLED AT LOCATIONS NECESSARY TO MAINTAIN A SAFE WORK SITE CONDITION AS DIRECTED/APPROVED BY THE CONSTRUCTION MANAGER, AND IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.), LATEST EDITION.
- ALL CONSTRUCTION ACTIVITIES TO COMPLY WITH APPLICABLE OSHA REGULATIONS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF O'FALLON STANDARDS.
- ALL GROUND SURFACES DISTURBED BY CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION.
- 11. FOR CONSTRUCTION STAKING PURPOSES, THE CONTRACTOR SHALL BE PROVIDED WITH A COPY OF THE ELECTRONIC DRAWINGS FOR THE SITE PLAN AND GRADING.
- 12. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING OF WATER OR ANY OTHER NECESSARY MEANS APPROVED BY THE CONSTRUCTION MANAGER.
- 13. CONTRACTOR TO WALK THE SITE WITH THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO THE REMOVAL OF ANY TREES. OWNER TO SELECT MATURE TREES TO REMAIN THROUGH LIFE OF THE PROJECT.
- 14. WORKING HOURS SHALL BE IN ACCORDANCE WITH THE CITY OF O'FALLON'S CONSTRUCTION WORKING HOURS PER CITY ORDINANCE 3429 AS SHOWN IN SECTION 500.420 OF THE MUNICIPAL CODE OF THE CITY OF O'FALLON AS FOLLOW: CONSTRUCTION WORK SHALL ONLY BE ALLOWED DURING THE FOLLOWING HOURS: A. OCTOBER 1 - MAY 31 7:00 AM TO 7:00 P.M. MONDAY - SUNDAY
- B. JUNE 1 SEPTEMBER 30 6:00 A.M. TO 8:00 P.M. MONDAY FRIDAY, 7:00 A.M. TO 8:00 P.M. SATURDAY AND SUNDAY
- CONSTRUCTION WORK DONE OUTSIDE THESE HOURS REQUIRES PRIOR WRITTEN APPROVAL FROM TEH CITY ADMINISTRATOR OR CITY ENGINEER.
- 15. ALL INSTALLATIONS AND CONSTRUCTION SHALL CONFORM TO THE APPROVED ENGINEERING DRAWINGS. HOWEVER, IF THE DEVELOPER CHOOSES TO MAKE MINOR MODIFICATIONS IN DESIGN AND/OR SPECIFICATIONS DURING CONSTRUCTION, HE/SHE SHALL MAKE SUCH CHANGES AT HIS/HER OWN RISK, WITHOUT ANY ASSURANCE THAT THE CITY ENGINEER WILL APPROVE THE COMPLETED INSTALLATION OR CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO NOTIFY THE CITY CITY ENGINEER OF ANY CHANGES FROM THE APPROVED DRAWINGS. THE DEVELOPER MAY BE REQUIRED TO CORRECT THE INSTALLED IMPROVEMENTS SO AS TO CONFORM TO THE APPROVED ENGINEERING DRAWINGS. THE DEVELOPER MAY REQUEST A LETTER FROM THE CONSTRUCTION INSPECTION DIVISION REGARDING ANY FIELD CHANGES APPROVED BY THE CITY INSPECTORS.
- 16. WELL REMOVAL SHALL BE IN ACCORDANCE WITH THE DEPARTMENT OF NATURAL RESOURCES CODE OF STATE REGULATIONS (CSR) DIVISION 23, CHAPTERS 1 AND 3.
- 17. CONTRACTOR SHALL PROVIDE SUFFICIENT TEMPORARY TOILET FACILITIES TO SERVE THE NUMBER OF WORKERS ON THE SITE.
- 18. SURVEYING AND SUBMITTING AS-BUILTS TO THE CITY OF O'FALLON OR UTILITY COMPANIES PER THEIR REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

## **H&S GRADING, SEDIMENT & EROSION CONTROL NOTES:**

- SEDIMENT AND EROSION CONTROL SHALL NOT BE LIMITED TO THE MEASURES SHOWN ON THE PLANS. THE CONTRACTOR, WITH THE APPROVAL OF THE CITY INSPECTOR, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS AND DRAINAGEWAYS.
- 2. ALL TRUCKING OPERATIONS SHALL FOLLOW THE APPROVED TRUCKING HAUL ROUTE. CONCRETE TRUCKS SHALL HAVE PROPER WASHOUTS. AS APPROVED BY THE CITY INSPECTOR. COUNTY AND STATE ROADS SHALL BE CLEANED AND KEPT CLEAR OF MUD. SEDIMENT, AND ANY OTHER DEBRIS AT ALL TIMES THROUGHOUT CONSTRUCTION.
- ALL ON-SITE TRASH, LITTER, DISCARDED BUILDING MATERIALS, OTHER CONSTRUCTION SITE WASTES AND DEBRIS, EITHER EXISTING OR FROM CONSTRUCTION, MUST BE REMOVED AND PROPERLY DISPOSED OF OFF-SITE.
- 4. CONTRACTOR SHALL PROVIDE THE CITY INSPECTOR INFORMATION CONCERNING STORAGE AND HANDLING OF ALL HAZARDOUS AND TOXIC SUBSTANCES BROUGHT ONTO THE SITE. THE CONTRACTOR WILL ADHERE TO APPLICABLE FEDERAL AND STATE REGULATIONS CONCERNING STORAGE AND DISPENSERS, SPILL PREVENTION CONTROL AND COUNTERMEASURE PLANS FOR CLEAN-UP.
- 5. SOFT SOILS IN THE BOTTOM AND BANKS OF ANY EXISTING OR FORMER POND SITES OR TRIBUTARIES OR ANY SEDIMENT BASINS, TRAPS, OR OTHER ESC MEASURES SHOULD BE REMOVED, SPREAD OUT AND PERMITTED TO DRY SUFFICIENT TO BE USED AS FILL. NONE OF THIS MATERIAL SHOULD BE PLACED IN PROPOSED PUBLIC RIGHT-OF-WAY LOCATIONS OR ON ANY STORM SEWER LOCATION. ANY OTHER WET SOILS THAT ARE OUTSIDE THE OPTIMUM MOISTURE RANGE TO OBTAIN THE PROPER COMPACTION SHALL BE AIR DRIED SUFFICIENTLY BEFORE USE AS FILL.
- 6. ALL EXCAVATIONS, GRADING, OR FILLING SHALL HAVE A FINISHED GRADE NOT TO EXCEED A 3:1 SLOPE (33%).
- 7. TEMPORARY SILTATION CONTROL MEASURES (STRUCTURAL) SHALL BE MAINTAINED UNTIL VEGETATIVE COVER IS ESTABLISHED AT A DENSITY SUFFICIENT TO PROVIDE EROSION CONTROL ON THE SITE
- 8. CONTRACTOR SHALL PROVIDE DUST CONTROL, AS DETERMINED BY THE SAINT CHARLES COUNTY INSPECTOR.
- 9. UPON COMPLETION OF STORM SEWERS, SILTATION CONTROL SHALL BE PROVIDED AROUND ALL OPEN SEWER INLETS AND SHALL REMAIN UNTIL THE DISTURBED DRAINAGE AREAS HAVE BEEN PROPERLY STABILIZED.
- 10. WHERE NATURAL VEGETATION IS REMOVED DURING GRADING, VEGETATION SHALL BE RE-ESTABLISHED IN SUCH A DENSITY AS TO PREVENT EROSION.
- 11. TOPSOIL AND/OR PLANTING SOIL STOCKPILE(S) SHALL BE FORMED AS FOLLOWS: STOCKPILE HEIGHT SHALL NOT EXCEED HIGHEST POINT OF LIFTING MECHANISM OF EQUIPMENT CREATING THE STOCKPILE (MAXIMUM HEIGHT: 72 INCHES; MAXIMUM WIDTH: 12 FEET). STOCKPILE TO BE LOCATED AND GRADED TO PREVENT WATER FROM PONDING ON OR AROUND STOCKPILE. NO EQUIPMENT SHALL BE ALLOWED ON TOP OF THE TOPSOIL STOCKPILE AND IT WILL BE CONSIDERED DEFECTIVE IF EQUIPMENT DRIVES ON OR OTHERWISE COMPACTS THE STOCKPILE. DO NOT STOCKPILE WITHIN TREE, SOIL, AND VEGETATION PROTECTION ZONES. FOR TOPSOIL STORED FOR MOT THAN TWO (2) WEEKS, STOCKPILE TO BE SEEDED WITH COVER CROP SUCH AS LACY PHACELIA, OATS, ANNUAL RYE, OR OTHER ANNUAL CROP APPROVED BY THE LANDSCAPE ARCHITECT. SEE SPECIFICATION 329113 - SOIL PREPARATION FOR ADDITIONAL REQUIREMENTS.

### **H&S GRADING NOTES:**

- CITY SHALL PROVIDE THE CONTRACTOR WITH A COPY OF THE APPROVED LAND DISTURBANCE/GENERAL PERMITS SECURED FROM MISSOURI DEPARTMENT OF NATURAL RESOURCES.
- NO GRADING OR EXCAVATION ACTIVITIES SHALL BE PERFORMED ON THE SITE UNTIL ALL NECESSARY PERMITS HAVE BEEN SECURED AND EROSION CONTROL MEASURES HAVE BEEN INSTALLED ON AND ADJACENT TO THE
- EROSION AND SEDIMENTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MAY BE REQUIRED S DIRECTED BY THE CITY ENGINEER OR HIS DESIGNATED REPRESENTATIVE.
- DAMAGE TO STREETS AND PROPERTIES DUE TO SOIL EROSION OR SILTATION SHALL BE PREVENTED BY ERECTING SILT FENCE BARRIERS, TEMPORARY BASINS OR BY UTILIZING SIMILAR DEVICES TO EFFECT SOIL STABILIZATION. SEE EROSION & SEDIMENTATION CONTROL PLAN. THE CONTRACTOR SHALL INSPECT AND MAKE ALL NECESSARY REPAIRS TO EROSION CONTROL MEASURES FOLLOWING PERIODS OF PRECIPITATION, AND / OR AS DIRECTED BY THE CITY OF O'FALLON. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR IF SO DIRECTED.
- WHEN GRADING OPERATIONS ARE COMPLETED OR SUSPENDED, VEGETATION IN SUFFICIENT DENSITY TO PROVIDE EFFECTIVE EROSION CONTROL MUST BE RE-ESTABLISHED WITHIN 30 DAYS.
- ALL TRENCHES BENEATH OR ADJACENT TO NEW PAVEMENT OR SIDEWALKS SHALL BE BACKFILLED TO SUBGRADE ELEVATION WITH COMPACTED 3/4" MINUS CRUSHED LIMESTONE. COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST.
- ELEVATIONS AND CONTOURS SHOWN ARE TO TOP OF FINISHED GROUND OR PAVED SURFACE, UNLESS OTHERWISE
- CARE SHALL BE EXERCISED IN COMPACTION OF BACKFILL MATERIALS OVER THE TOP OF STRUCTURES OR PIPES IN ORDER TO PREVENT DAMAGE TO THE WATERPROOFING MEMBRANES, JOINTS, SEALS AND/OR THE PIPES AND STRUCTURES THEMSELVES.
- CONTRACTOR SHALL PROVIDE A GRAVEL CONSTRUCTION ENTRANCE AND WASHDOWN AREA (MIN. 50' x 24') AS SHOWN ON THE PLANS. ALL TRUCKS MUST BE WASHED DOWN PRIOR TO LEAVING THE SITE.
- ALL FILLED PLACES UNDER PROPOSED STORM AND SANITARY SEWERS AND/OR PAVED AREAS SHALL BE AT A MINIMUM COMPACTED TO 90% OF MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED COMPACTION TEST AASHTO T-180 OR AS DIRECTED BY THE SOILS ENGINEER
- ALL FILL PLACED IN PROPOSED ROADS SHALL AT A MINIMUM BE COMPACTED FROM THE BOTTOM OF THE FILL UP TO 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD COMPACTION TEST AASHTO T-99 OR AS DIRECTED BY THE SOILS ENGINEER. ALL TESTS SHALL BE VERIFIED BY THE SOILS ENGINEER CONCURRENT WITH GRADING AND BACKFILLING OPERATIONS.
- 12. ALL LOW PLACES, WHETHER ON-SITE OR OFF-SITE SHOULD BE GRADED TO PROVIDE POSITIVE DRAINAGE CONTRACTOR TO PROVIDE COPIES OF TEMPORARY EASEMENT FOR WORK ON ADJACENT PROPERTIES AS
- 13. ALL MUD AND DEBRIS FROM THE CONSTRUCTION SITE SHALL BE KEPT OFF CITY MAINTAINED STREETS.
- 14. SOD SHALL BE USED IN DETENTION BASINS AND SWALES UNLESS VELOCITIES ARE EXCESSIVE (GREATER THAN 5FPS OR WHERE VELOCITIES ARE LESS THAN 2 FPS CAUSING DEPOSITION OF SOIL PARTICLES) THEN CONCRETE SWALES MAY BE USED. SOD PLACED ON SLOPES STEEPER THAN 10% SHOULD BE STAKED.
- 15. CONTRACTOR TO PROVIDE ALL AS-BUILTS REQUIRED BY CITY AND OWNER.
- GRADING EARTHWORK QUANTITIES MUST BE VERIFIED BY CONTRACTOR AND SHOULD NOT BE ASSUMED TO BALANCE.
- 17. NO GRADED AREAS ARE TO REMAIN BARE FOR OVER 14 DAYS WITHOUT BEING SEEDED AND MULCHED.
- ALL FILL FOR STRUCTURES SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT

# SITE INFORMATION

SITE COVERAGE:

**TOTAL SITE AREA:** 57.46 ACRES

8963 HWY DD - 2.50 ACRES; HWY DD (PARK) - 54.96 ACRES

0.37 ACRES (0.6%) ROOF/BUILDING 5.90 ACRES (10.3%) PAVEMENT

51.19 ACRES (89.1%) GRASS/WOODED/PRAIRIE

OWNER/DEVELOPER: CITY OF O'FALLON

100 N. MAIN STREET O'FALLON, MO 63366

ZONING: GOVERNMENT (EX)

PARK; ACTIVITY & CONFERENCE CENTER; PLAYGROUND; PAVILIONS; PROPOSED USE: CAMPGROUND; MAINTENANCE & SALT STORAGE FACILITY

UTILITIES PROVIDED: SANITARY SEWER; WATER/FIRE; ELECTRIC; GAS

FEMA MAP PANEL 29183C0410G, EFFECTVE JANUARY 20, 2016 AS SHOWN FLOODPLAIN: ON PLANS

PANEL NUMBER: 410 FLOOD ZONE:

PARKING REQUIRED PARKING: BANQUET FACILITY - 87 SPACES (1 SPACE / 100 S.F. CALCULATIONS: FLOOR AREA) CAMPING/PLAYGROUND/PAVILIONS - 57 SPACES (1 SPACE / 3 PERSONS AT MAX.) PROVIDED PARKING: 289 SPACES (INCLUDES 8

ACCESSIBLE SPACES)

LANDSCAPING 10.91% SITE COVERAGE (SEE LANDSCAPING PLANS FOR DETAILS)

TREE PRESERVATION CALCULATION:

TOTAL WOODED AREA EXISTING = 1,354,981 SQ. FT. (31.1 ACRES) WOODED AREA REMOVED = 100,555 SQ. FT. (2.3 ACRES) 7.4%

PARKING AREA LANDSCAPE **ACTIVITY CENTER PARKING** TOTAL AREA = 60,611 SQ. FT. LANDSCAPE AREA = 4,192 SQ. FT. (6.9%)

PLAYGROUND PARKING TOTAL AREA = 42.478 SQ. FT. LANDSCAPE AREA = 10,706 SQ. FT. (25%)

OTHER APPLICABLE CODES:

CALCULATIONS:

CITY OF O'FALLON GOVERNMENT CODE, CHAPTER 405: SUBDIVISION AND LAND DEVELOPMENT, ARTICLE V: DEVELOPMENT STANDARDS

#### **GENERAL UTILITY NOTES:**

THE CONTRACTOR SHALL COORDINATE WITH THE APPROPRIATE AGENCY PRIOR TO THE COMMENCEMENT OF ANY WORK WHICH WILL AFFECT ANY EXISTING UTILITY.

COMMUNICATIONS / CABLE TV / DATA:

CENTRURYLINK CHARTER COMMUNICATIONS1151 CENTURYTEL DR. MARCIA GAY

815 CHARTER COMMONS WENTZVILLE, MO 63385 TOWN & COUNTRY, MO 63014

636-332-7261 636-387-6633

ELECTRIC:

CUIVRE RIVER ELECTRIC COOPERATIVE

CENTRAL ELECTRIC POWER COOPERATIVE STAN WINKLE **ANDY ADRIAN** 

573-761-2860

MICHAEL LANGAN MICHAEL COBB SPIRE ENERGY PHILLIPS 66 PIPELINE, LLC 1999 TRADE CENTER DR. EAST 174 CLARKSON RD. ST. PETERS, MO 63371 ST. LOUIS, MO 63011

MIKE MERKT PUBLIC WATER SUPPLY DISTRICT 2/ALLIANCE WATER RESOURCES MATT JASPERING DUCKETT CREEK SANITARY DISTRICT 3550 HIGHWAY K 100 WATER DR.

636-527-8461

O'FALLON, MO 63368 O'FALLON, MO 63368 636-561-3737, EXT. 102 636-441-1244

UTILITY LOCATES:

314-575-4831

MIKE MERKT MISSOURI ONE-CALL **DUCKETT CREEK SANITARY DISTRICT** 1-800-344-7483

THE CITY OF O'FALLON SHALL ALSO BE CONTACTED FOR UTILITY LOCATES UNDER ITS MAINTENANCE RESPONSIBILITY. FOR WATER MAIN, SANITARY SEWER AND STORM SEWER LOCATES, CONTACT 363-281-2858, FOR TRAFFIC LOCATES, CONTACT 636-379-5602. CONTACT THE ENGINEERING DIVISION AT 636-379-5556 AND THE CONSTRUCTION INSPECTION DIVISION AT 636-379-5596.

- 2. UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF THE LOCATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THIS WORK SHALL BE COMPLETED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS. IT WILL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT ALL SUCH UNDERGROUND UTILITIES DURING ALL PHASES OF WORK.
- 3. LOCATE EXISTING UNDERGROUND UTILITIES AND SEWERS IN THE AREAS OF WORK BEFORE STARTING OPERATIONS. WHEN UTILITIES OR SEWERS ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF PROTECTION DURING OPERATIONS. SHOULD UNCHARTED, OR INCORRECTLY CHARTED, PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE CONSTRUCTION MANAGER AND UTILITY OWNER IMMEDIATELY FOR DIRECTIONS. COOPERATE WITH THE SERVICES AND FACILITIES IN OPERATION. REPAIR DAMAGED UTILITIES TO THE SATISFACTION OF THE UTILITY OWNER. REMOVALS OR RELOCATIONS BY UTILITY COMPANIES ARE TO BE INITIATED AND COORDINATED BY THE CONTRACTOR.
- WHERE SEWER, WATER LINES OR OTHER UTILITY LINES CROSS OVER OR UNDER EACH OTHER, PROVIDE CONCRETE ENCASEMENT OF THE TOP PIPE IF THE CLEARANCE IS LESS THAN 24 INCHES. ENCASEMENT SHALL EXTEND TO A MINIMUM DISTANCE OF 5 FEET ON BOTH SIDES OF THE CROSSING. WATER MAINS SHALL NOT BE INCASED IN CONCRETE. A MINIMUM OF 18 INCHES OF CLEARANCE SHALL BE MAINTAINED AROUND WATER DISTRICT UTILITIES.
- ALL EXISTING UTILITY ACCESS COVERS SUCH AS MANHOLES. VALVE BOXES. VAULT COVERS. METER COVERS AND OTHER SURFACE APPURTENANCES SHALL BE ADJUSTED TO THE PROPER FINISH GRADE ELEVATION IN ACCORDANCE WITH THE REQUIREMENTS OF THE AFFECTED UTILITY COMPANY OR SERVICE PROVIDER.
- 6. DESIGN OF SHORING FOR UTILITY AND SEWER TRENCHES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- WATER TIGHT A-LOK STRUCTURE CONNECTIONS SHALL BE USED FOR ALL STORM AND SANITARY SEWER CONNECTIONS.
- FOR SEWERS WITH A DESIGN GRADE OF LESS THAN ONE PERCENT (1%), FIELD VERIFICATION OF THE STORMSEWER GRADE WILL BE REQUIRED FOR EACH INSTALLED REACH OF SEWER, PRIOR TO ANY SURFACE RESTORATION OR INSTALLATION OF ANY SURFACE IMPROVEMENTS.
- ALL STORM SEWER LIDS SHALL HAVE THE CITY LOGO PER CITY REQUIREMENTS. LIDS SHALL BE PROVIDED BY THE
- 10. WHEN GAS MAIN IS UNDER NEW PARKING OR DRIVE LANE/ROADWAY PAVEMENT CONTRACTOR SHALL PROVIDE GRANULAR BACKFILL MATERIAL TO LACLEDE GAS (SPIRE) FOR THEIR USE IN CONSTRUCTION OF THE NEW GAS LINE.



CITY OF O'FALLON 100 North main Street O'Fallon Missouri, 63366

O'DAY PARK & **ACTIVITY CENTER** 

Landscape Architect:

St. Louis, MO 63119

t. 314.644.5700



Consultant Role: ARCHITECTURE, MEPFP ENGINEERING **ROSS & BARUZZINI** 

6 SOUTH OLD ORCHARD

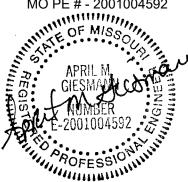
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314.918.8383

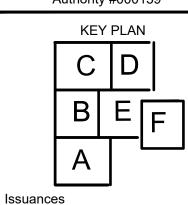
Consultant Role: CIVIL & STRUCTURAL ENGINEERING **HORNER & SHIFRIN** 401 SOUTH 18TH #400 ST. LOUIS, MO 63103 314.531.4321

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April Giesmann - Civil Engineer MO PE # - 2001004592



11/03/2017 Horner & Shifrin, Inc. Missouri State Certificate of Authority #000159



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\_02 PRELIM P&Z

03 P&Z RESUBMIT

04 100% DD SET 06/09/17 07/14/17 05 50% CD SET 08/01/17 06 90% CD SET 07 PERMIT SET 08/18/17 08 PERMIT SET 09/22/17 FIRE DEPT. 09 PERMIT SET 10/04/17 REVISIONS 11/03/17 10 PERMIT SET Revisions No. Description

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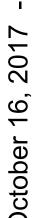
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