

SEE ADDITIONAL NOTES ON COVER SHEET

GRADING / EARTHWORK NOTES:

PAVEMENT SUBBASE, BASE, AND SURFACE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO THE NEXT PHASE OF WORK. PROOF ROLLING AND NUCLEAR DENSITY TESTING SHALL BE UTILIZED.

COMPACTION OF EXISTING GROUND PRIOR TO PLACEMENT OF FILL AND OF FILL IN ALL BUILDING AND PAVEMENT AREAS SHALL BE 95% STANDARD PROCTOR. COMPACTION OF EXISTING GROUND PRIOR TO PLACEMENT OF FILL AND OF FILL IN ALL LAWN AREAS SHALL BE 90% STANDARD PROCTOR.

BRING ALL AREAS TO GRADE AS SHOWN ON DRAWINGS. GRADED AREAS SHALL BE REASONABLY SMOOTH, COMPACTED AS SPECIFIED ABOVE AND FREE FROM IRREGULAR SURFACE CHANGES. PROVIDE SMOOTH GRADED SURFACES IN DITCHES AND SWALES WHERE SHOWN. GRADE SO THAT WATER DRAINS AWAY FROM BUILDING PERIMETER AND OFF OF PAVEMENTS.

GRADES SHOWN ON THE GRADING PLAN REPRESENT THE FINAL SURFACE. PAVEMENT THICKNESSES SHALL BE SUBTRACTED FROM CONTOURS SHOWN FOR SUBGRADE ELEVATIONS.

FINAL GRADES IN ALL PAVEMENT AREAS SHALL BE ±0.1' FROM PLAN GRADE. FINAL GRADES IN ALL LAWN AREAS SHALL BE ±0.25' FROM PLAN GRADE.

POSITIVE DRAINAGE SHALL BE PROVIDED IN ALL AREAS.

SILTATION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ADDITIONAL SILTATION CONTROL MAY BE REQUIRED AS DIRECTED BY THE CITY OF O'FALLON.

ALL MUD AND DEBRIS FROM CONSTRUCTION SITE TO BE KEPT OFF OF PUBLICLY MAINTAINED STREETS.

SIDE SLOPES GREATER THAN 4:1 SHALL BE SODDED OR STABILIZED WITH NORTH AMERICAN GREEN S-75 EROSION CONTROL BLANKET OR APPROVED EQUAL.

SLOPES SHALL NOT EXCEED 3:1 SLOPE WITHOUT SUBMITTAL AND APPROVAL OF GEOGRID OR OTHER APPROVED SLOPE REINFORCEMENT.

PAVING NOTES:

ALL PAVING TO BE IN ACCORDANCE WITH ST. CHARLES COUNTY STANDARDS AND SPECIFICATIONS EXCEPT AS MODIFIED BY THE CITY OF O'FALLON ORDINANCE.

PROVIDE POSITIVE DRAINAGE IN ALL AREAS. PAVING CONTRACTOR SHALL TEST INSTALLED BINDER COURSE FOR ANY BIRDBATH CONDITIONS AND CORRECT PRIOR TO THE INSTALLATION OF SURFACE COURSE.

A SMOOTH TRANSITION SHALL BE PROVIDED FROM PROPOSED WORK IN THIS CONTRACT TO ALL ADJACENT EXISTING FEATURES AS NECESSARY.

IN ALL AREAS WHERE EXISTING ASPHALT PAVEMENT MEETS PROPOSED ASPHALT PAVEMENT, THE EXISTING ASPHALT EDGE SHALL BE PROPERLY SEALED WITH TACK COAT PRIOR TO PROPOSED PAVING.

ALL REFERENCES TO PORTLAND CEMENT CONCRETE (PCC) SHALL COMPLY WITH ALL CORRESPONDING ST. CHARLES COUNTY SPECIFICATIONS FOR CONCRETE.

T/C SHALL INDICATE THE ELEVATION THAT WATER WOULD ENTER A STRUCTURE WHEN STRUCTURE IS NOT A CURB INLET. T/C SHALL INDICATE TOP OF CURB WHEN STRUCTURE IS A CURB INLET.

PAVEMENT SUBBASE, BASE, AND SURFACE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO THE NEXT PHASE OF WORK. PROOF ROLLING AND NUCLEAR DENSITY TESTING SHALL BE UTILIZED. PROOF-ROLL SHALL NOT EXCEED 1/2" DEFLECTION IN BUILDING OR PAVEMENT AREA.

CONTOURS AND SPOT ELEVATIONS SHOWN REPRESENT FINAL CONSTRUCTED SURFACE. PAVEMENT AND OTHER IMPROVEMENTS MUST BE TAKEN INTO ACCOUNT WHEN PERFORMING GRADING.

SIDEWALKS, CURB RAMPS, RAMPS AND ACCESSIBLE PARKING SPACES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CURRENT "AMERICAN WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES" (ADAAG) AS IT PERTAINS TO THE REQUIRED GRADES, CONSTRUCTION MATERIALS, SPECIFICATIONS AND SIGNAGE. IF ANY CONFLICT OCCURS BETWEEN THE ABOVE INFORMATION AND THE PLANS, THE ADAAG GUIDELINES SHALL TAKE PRECEDENCE AND THE CONTRACTOR PRIOR TO ANY CONSTRUCTION SHALL NOTIFY THE PROJECT ENGINEER.

ALL HANDICAPPED PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS.

UTILITY NOTES:

THE CONTRACTOR SHALL COORDINATE ALL UTILITY INSTALLATION AND SCHEDULING WITH THE RESPECTIVE UTILITY PROVIDER. ALL UTILITY INSTALLATION SHALL COMPLY WITH ALL APPLICABLE ORDINANCES, REGULATIONS, CODES, AND THE RESPECTIVE UTILITY REQUIREMENTS.

CONTRACTOR SHALL VERIFY THE CONNECTION POINTS OF ALL UTILITY LINES (WATER, STORM, SANITARY, TELEPHONE, ELECTRIC, AND GAS) PRIOR TO INSTALLATION OF THOSE LINES TO DETERMINE IF THE CONNECTION CAN BE MADE AS PER THE PLANS. CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE PROPOSED UTILITY CONNECTION CANNOT BE MADE PER THE PLANS.

UTILITIES AND APPURTENANCES TO REMAIN IN THEIR PRESENT LOCATION SHALL BE ADJUSTED TO GRADE WHERE NECESSARY.

ALL STORM AND SANITARY PIPING QUANTITIES SHOWN IN THESE PLANS ARE CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPING LENGTHS INCLUDE END SECTIONS WHEN APPLICABLE.

ALL CONSTRUCTION SHALL BE INSPECTED BY THE ENGINEER OR REPRESENTATIVE, ALL TRENCHES, SEWERS, AND TAPS SHALL BE LEFT OPEN AND FENCED UNTIL INSPECTED AND APPROVED BY THE RESPECTIVE UTILITY.

THE CONTRACTOR SHALL PROVIDE A LIST OF SEWER AND WATER SERVICE MEASUREMENTS TO THE OWNER AND TO THE PROJECT ENGINEER AT THE CONCLUSION OF THE JOB.

ALL UTILITY TRENCHES BENEATH PROPOSED OR EXISTING UTILITIES, PROPOSED OR EXISTING PAVEMENT, DRIVEWAYS, SIDEWALKS AND FOR A DISTANCE OF THE THREE FEET ON EITHER SIDE OF SAME, AND/OR WHEREVER ELSE SHOWN ON THE CONSTRUCTION PLAN SHALL BE BACKFILLED WITH GRANULAR BACKFILL AND THOROUGHLY COMPACTED IN ACCORDANCE WITH GEOTECHNICAL RECOMMENDATIONS AND/OR STANDARD SPECIFICATIONS.

STORM SEWER NOTES:

ALL STORM SEWER MATERIALS AND CONSTRUCTION SHALL CONFORM TO CITY OF O'FALLON REQUIREMENTS.

TRENCH DRAIN CONSTRUCTION SHALL CONFORM TO THE MANUFACTURER'S SPECIFICATIONS.

STORM SEWER PIPE LABELED AS RCP SHALL BE REINFORCED CONCRETE PIPE WITH A MINIMUM CLASS III RATING AND O-RING TYPE RUBBER GASKETED JOINTS, AND CONFORMING TO ASTM C76.

STORM SEWER PIPE LABELED AS PVC SHALL BE SDR 35 PVC, UNLESS OTHERWISE NOTED.

FIELD TILE ENCOUNTERED SHALL BE REPLACED AND/OR CONNECTED TO THE STORM SEWER SYSTEM.

STORM SEWER CONTRACTOR SHALL PROVIDE BLOCKOUTS FOR ROOF DRAIN PIPES IN ALL REQUIRED STRUCTURES.

ALL AREAS OF FILL, INCLUDING TRENCH BACKFILL, UNDER BUILDINGS, PROPOSED STORM AND SANITARY SEWER LINES AND/OR PAVED AREAS SHALL BE COMPACTED TO AT LEAST 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR AASHTO T-180/ASTM D1557 COMPACTION TEST, UNLESS OTHERWISE REQUIRED IN THE GEOTECHNICAL REPORT FOR THIS PROJECT.

THE CONTRACTOR SHALL PROVIDE "AS-BUILT" PLANS INCLUDING TOP AN INVERT ELEVATION OF INLETS AND MANHOLES, LENGTH, SIZE, AND SLOPE OF ALL STORM SEWERS, AND GROUND ELEVATIONS OF DETENTION BASINS.

ALL ROOF DOWNSPOUTS SHALL BE CONNECTED TO THE PROPOSED STORM SEWER SYSTEM AS SHOWN IN THE PLANS.

A CITY OF O'FALLON APPROVED EPOXY ADHESIVE MARKING BY ACP INTERNATIONAL (www.acpinternational.com - CRYSTAL CAP, SD-W-CC) OR DAS MANUFACTURING, INC. (www.dasmanufacturing.com - STANDARD, #SDS) SHALL BE PROVIDED AT ALL STORM SEWER INLETS. PEEL AND STICK ADHESIVE PADS WILL NOT BE ALLOWED.

ISSUE	REMARKS/DATE
Δ	REVISION 2 (8/15/2017)

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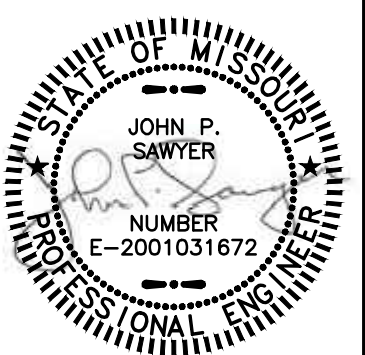
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NOTES

The Professional Engineer's seal and signature placed on this sheet apply only to the material and items shown on the sheet. All drawings, instruments or other documents not containing the seal and signature shall not be considered prepared by the engineer, and the engineer hereby disclaims any and all responsibility for such plans, drawings or documents not containing the seal and signature.



Date: 8/15/2017
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Civil Engineer

Job Number	2016-130
Date	8/15/2017
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