

- (A) CONSTRUCT 5" PCC CONCRETE ON 4" BASE WITH INTEGRAL ROLL BACK CURB. SEE CE6 FOR PAVEMENT DETAILS.
- (B) CONSTRUCT RETAINING WALL GRADES SHOWN ON CE 2. DESIGN BY OTHERS. INSTALL 42" MIN. FENCE/GUARDRAIL.
- CONSTRUCT ADA ACCESSIBLE RAMP AS SHOWN, REFER TO DETAIL ON CE 6.
- (D) PAINT 4" PARKING STALL STRIPES. COLOR TO BE WHITE.
- (E) INSTALL ALL COMPONENTS OF A TYPICAL HANDICAP ACCESSIBLE PARKING STALL. COMPONENTS TO INCLUDE PAINTED SYMBOL IN STALL, HANDICAP ACCESSIBLE SIGN, AND HATCHED AREA (MIN. 5' WIDE) IMMEDIATELY ADJACENT TO HANDICAP STALL. COLOR OF STALL STRIPES AND HATCHED AREA TO BE BLUE. REFER TO DETAILS ON CE 6.
- (E) INSTALL RIBBON RACK BICYCLE RACK (MODEL RB05; GALVANIZED IN-GROUND MOUNTING OR APPROVED EQUAL) WITH CONCRETE PAD.
- (G) CONSTRUCT 4" THICK, 5' WIDE PCC ADA ACCESSIBLE WALK WITH THICKENED EDGE AT BACK OF CURB AS SHOWN. MAXIMUM LONGITUDINAL SLOPE 1:20. MAXIMUM CROSS SLOPE AT 1:50. REFER TO DETAIL ON CE 6.
- (CONSTRUCT 4" THICK. PCC ADA ACCESSIBLE WALK PER PLAN DIMENSIONS. SEE SIDEWALK DETAILS ON CE 6. MAXIMUM LONGITUDINAL SLOPE 1:20. MAXIMUM CROSS SLOPE AT 1:50.
- SAW-CUT AND REMOVE EXISTING CONCRETE PAVEMENT FOR UTILITY INSTALLATION. CONCRETE PAVEMENT TO BE REPLACED PER TYPICAL CONCRETE PAVEMENT DETAIL ON CE 6.
- (J) INSTALL 1/2" EXPANSION JOINT BETWEEN SIDEWALK PAVEMENT AND BUILDING.
- (R) INSTALL 3/4" TYPE A EXPANSION JOINT BETWEEN EXISTING PAVEMENT AND NEW PAVEMENT.
- INSTALL GUARDRAIL AS SHOWN. REFER TO ARCHITECTURAL PLANS FOR RAILING STYLE.
- (M) INSTALL NEW TYPE A INLET. CONNECT TO NEW JUNCTION BOX AS SHOWN. SEE STORM SEWER PROFILES.
- (E) Existing sanitary sewer lateral to be intercepted and lowered below basement elevation. Refer to MEP Plans for elevation recoursed at basement entry. See MEP drawns for underground plumbing inside bulding. Caulton. Sewer main is approximately 30° deep in this location. Trench Rock excavation to be anticipated.
- INSTALL C-900 WATERLINE FROM WATER MAIN TO BUILDING. SEE MEP FOR ENTRY TO BUILDING AND LINE SIZE.
- (P) INSTALL TAPPING VALVE & SLEEVE WITH VALVE BOX TO SURFACE. PROVIDE MECHANICAL RESTRAINTS (MEGALUG) AS REQUIRED BY CITY OF COLUMBIA SPECIFICATIONS.
- 6° PVC SDR35 DOWNSPOUT COLLECTOR PIPE AT 1.0% MINIMUM GRADE WITH BENDS AND CLEANOUTS (100' MAX. BETWEEN) AS NECESSARY.
- (R) INSTALL STANDARD CLEANOUT.
- (S) INSTALL (2) 2" CONDUITS FOR TELEPHONE AND CABLE. ROUTE TO ELECTRICAL ROOM. SEE MEP DRAWINGS FOR BUILDING DEMARC. LOCATION.
- (T) INSTALL V8-24 MANHOLE. COORDINATE INSTALLATION WITH ELECTRIC DEPARTMENT. SEE DETAIL ON CE7
- (I) INSTALL SECONDARY CONDUITS AND PROVIDE SECONDARY WIRING AS REQUIRED BY ELECTRIC DEPARTMENT. COORDINATE INSTALLATION AND INSPECTIONS WITH ELECTRIC DEPARTMENT.
- (V) INSTALL PRIMARY CONDUITS AS REQUIRED BY ELECTRIC DEPARTMENT. COORDINATE INSTALLATION AND INSPECTIONS

OVERALL PARKING SUMMARY FOR LOT 41A OF COLLEGE PARK S	OUTH SUBDIVISION, PLAT 4-A:
REQUIRED: 109 - 2 BEDROOM UNITS AT 2 SPACES PER UNIT =	218 SPACES
12 - 3 BEDROOM UNITS AT 2.5 SPACES PER UNIT =	30 SPACES
79 - 1 BEDROOM UNITS AT 1.5 SPACES PER UNIT =	119 SPACES
VISITOR PARKING AT 1 SPACE PER 5 UNITS	200 UNITS/5 = 40 SPACES
TOTAL SPACES REQUIRED =	407 SPACES
PROPOSED: TOTAL GARAGE SPACES =	52 SPACES
TOTAL PARKING IN FRONT OF GARAGE =	52 SPACES
TOTAL LOT SPACES =	283 SPACES
BICYCLE SPACES = 29 SPACES PROVIDED	5% OF REQUIRED VEHICLE SPACES = 20 SPACES
TOTAL SPACES PROVIDED =	407 SPACES

PLANTING NOTES:				
	QUANTITY	PLANT SPECIES		
*	1	SWAMP WHITE OAK - QUERCUS BICOLOR - 2" CALIPER AT 6" ABOVE GRADE		
•	1	SARGENT CRABAPPLE - MALUS SARGENTII - 4' IN HEIGHT		

ALL PLANT MATERIALS AND FINAL LANDSCAPE PLAN SHALL BE IN ACCORDANCE WITH THE LANDSCAPING GUIDELINES AND STANDARDS OF THE CITY OF COLUMBIA.

LANDSCAPING SHALL COMPLY WITH SECTIONS 12A-49 (e) AND (f), 29-13.1 (d) (6), AND 29-25 (e) (3) AND (4) OF THE CITY OF COLUMBIA CODE OF ORDINANCES.

PARKING LOT LANDSCAPE COMPLIANCE:  TOTAL PARKING LOT & DRIVE AREA =  TREES REQUIRED @ 1 TREE/4500 SQ FT. =		2,782 SQ. FT. 1 TREES
TOTAL TREES REQUIRED = MEDIUM TO LARGE TREES REQUIRED (30%) = TOTAL TREES PROVIDED =		1 TREES 1 TREES 2 TREES
LOT COVERAGES:	ACTUAL	
NET LAND AREA:	15.59 ACRES	100%
EXISTING IMPERVIOUS SURFACE AREA:	6.76 ACRES	43%
EXISTING OPEN SPACE:	8.83 ACRES	57%
PROPOSED IMPERVIOUS SURFACE AREA:	7.03 ACRES	45%
PROPOSED OPEN SPACE:	8.56 ACRES	55%

## REVISIONS:

IO.	DATE
_ ORIGINAL	09/09/2016
CITY	10/04/2016
2 ₹ BLDG	10/13/2016



JESSE RAY STEPHENS MO LICENSE - 2010000868

BUILDING -SPRINGS -BOULDER (

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A MAJOR SUBDIVISION LOCATED IN SECTION 24, TOWNSHIP 48 NORTH, RANGE 1 COLUMBIA, BOONE COUNTY, MISSOU

DRAWING INCLUDES:

SITE PLAN

DESIGNED: JRS DRAWN. JRS PROJECT NO.: 101812

SHEET:

CE 1