PRELIMINARY DESIGN CHECK VANDIVER ROAD SIDEWALK TAP 2101514

EXISTING SURVEY LEGEND

LINEWORK			
ss	SANITARY SEWER	— — 949 — —	INTERMEDIATE CONTOUR
	SANITARY SEWER FORCE MAIN	— — 950 — —	INDEX CONTOUR
ST	STORM SEWER	——— PL ———	PROPERTY LINE
	WATER	ROW	RIGHT OF WAY
Ε	UNDERGROUND ELECTRIC		SECTION LINE
	OVERHEAD ELECTRIC	ESMT	EASEMENT
c	UNDERGROUND COMMUNICATIONS	0 0 0	GUARD RAIL
ОНС	OVERHEAD COMMUNICATIONS	x	FIELD FENCE
т	UNDERGROUND TELEPHONE	0	CHAIN LINK FENCE
ОНТ	OVERHEAD TELEPHONE		WOODEN FENCE
	UNDERGROUND FIBER OPTIC	+	SILT FENCE
	OVERHEAD FIBER OPTIC	AG	AGRICULTURE LINE
TV	UNDERGROUND TV/CABLE	.~~~~	EDGE OF TREES
онту	OVERHEAD TV/CABLE	LIMIT	LIMITS OF DISTURBANCE
G	GAS		ROAD CENTERLINE
TRF	TRAFFIC		WATERWAY FLOWLINE
UTILITY QUALIT	Y I EVELS:		
CHEILI GOALII	I LL VLLO.		

UTILITY QUALITY LEVELS ARE BASED ON THE CI/ASCE 38-02 STANDARD.

PRECISE HORIZONTAL AND VERTICAL LOCATION OF UTILITIES OBTAINED BY THE ACTUAL EXPOSURE (OR VERIFICATION OF PREVIOUSLY EXPOSED AND SURVEYED UTILITIES) AND SUBSEQUENT MEASUREMENT OF SUBSURFACE UTILITIES

INFORMATION OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE

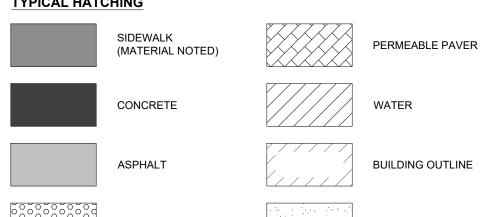
INFORMATION OBTAINED BY SURVEYING AND PLOTTING VISIBLE ABOVE-GROUND UTILITY FEATURES AND BY USING PROFESSIONAL JUDGEMENT IN CORRELATING THIS INFORMATION TO QUALITY LEVEL D

INFORMATION DERIVED FROM EXISTING RECORDS OR ORAL RECOLLECTIONS.

ADDITIONALLY IN THE CASE OF MULTIPLE OWNERS OF THE SAME UTILITY TYPE SAID UTILITIES WILL BE ABBREVIATED WITH AN OWNER NUMBER (1, 2, 3, ETC) AND REFERENCED IN THE IOWA ONE CALL UTILITY INFORMATION SECTION.

UNDERGROUND COMMUNICATIONS-OWNER 1 UNDERGROUND COMMUNICATIONS-OWNER 2

TYPICAL HATCHING



ABBREVIATIONS

CONTROL POINT BENCHMARK RIGHT-OF-WAY CENTERLINE CONCRETE FLOWLINE ELEVATION AT RIM **TYPICAL** FOUND FINISHED FLOOR

CAST IRON PIPE DUCTILE IRON PIPE CORRUGATED METAL PIPE HIGH-DENSITY POLYETHYLENE PIPE VITRIFIED CLAY PIPE POLYVINYL CHLORIDE PIPE REINFORCED CONCRETE PIPE UNKNOWN DRILL HOLE REBAR W/ PLASTIC CAP IRON PIPE W/ PLASTIC CAP MONUMENT

PK NAIL

LANDSCAPING

ONE CALL UTILITY INFORMATION: LOCATE TICKET #'S: 240440288, 240440288



ELECTRIC	STORM SEWER	
A/C AIR CONDITIONING UNIT	BEEHIVE INLET	
BB BREAKER BOX	DOUBLE CURB INLET	
(E) ELECTRIC MANHOLE	SINGLE CURB INLET	

EM ELECTRIC METER AREA DRAINAGE INLET E ELECTRIC PEDESTAL FLARED END SECTION HP HEAT PUMP (ST) STORM MANHOLE

(SP) STAND PIPE GAS MARKER © STORM SEWER CLEANOUT SIDE OPENING AREA INLET GM GAS METER

GAS VALVE **TELECOMMUNICATIONS** TH COMPOSITE HANDHOLE

GENERAL SITE FEATURES B BOLLARD FIBER OPTIC MARKER Ö**∽** FLAGPOLE SATELLITE DISH FLOOD LIGHT TELEPHONE MANHOLE

— GUY WIRE TELEPHONE PEDESTAL MB MAILBOX CB TV/CABLE BOX SIGN- DOUBLE POST TV/CABLE MANHOLE

sign- single post

TRAFFIC SOILBORE PEDESTRIAL SIGNAL STREET LIGHT TRAFFIC BOX UTILITY POLE W/STREET LIGHT ☑ TRAFFIC HANDHOLE

(?) UNKNOWN MANHOLE TRAFFIC SIGNAL MONUMENTS

BENCHMARK TRAFFIC SIGNAL W/STREET LIGHT

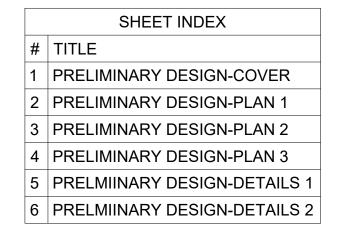
BENCHMARK (TEMPORARY) CONTROL POINT CONIFEROUS TREE CUT X FOUND (o) DECIDUOUS TREE SHRUB CUT X SET MONUMENT FOUND (FIRST TYPE) TREE STUMP

MONUMENT FOUND (SECOND TYPE) *O CURB STOP MONUMENT SET (FIRST TYPE) MONUMENT SET (SECOND TYPE) C FIRE HYDRANT ▲ SECTION CORNER FOUND IRRIGATION VALVE MONITORING WELL ▲ SECTION CORNER SET T POST Control Post Indicator Valve → WOODEN POST SB SPRINKLER BOX

W WATER MANHOLE RAILROAD WATER MARKER MAINLINE MILE MARKER WM WATER METER POINT OF SWITCH WATER SPIGOT RR RAILROAD SIGNAL WATER VALVE **SANITARY SEWER** WATER VALVE MANHOLE © SANITARY SEWER CLEANOUT [™] YARD HYDRANT S SANITARY SEWER MANHOLE

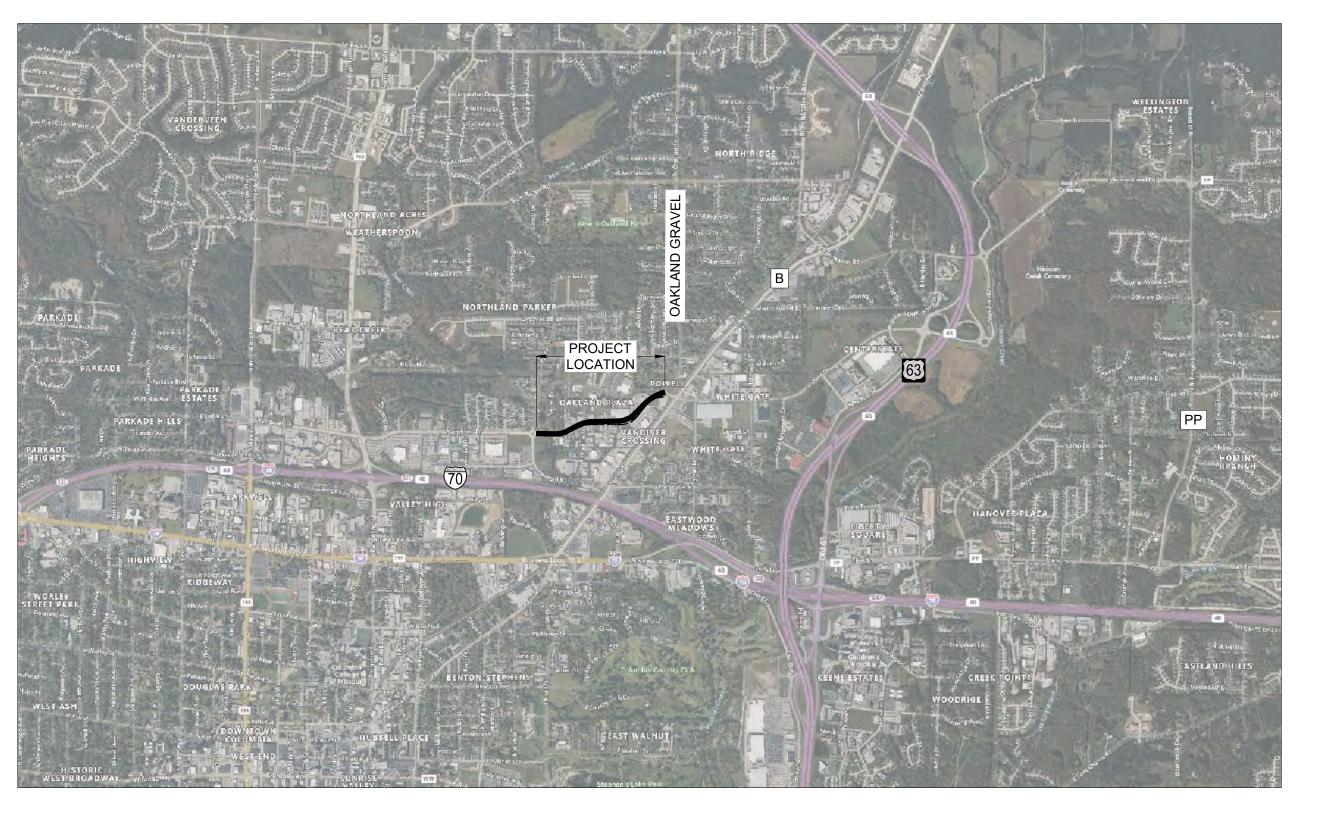
SPT SEPTIC TANK LID DEMOLITION REMOVE TREE

THE UTILITIES DEPICTED ON THIS DOCUMENT HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND/OR RECORDS OBTAINED. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES OR SUBSURFACE FEATURES SHOWN COMPRISE ALL SUCH ITEMS IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES OR SUBSURFACE FEATURES SHOWN ARE IN THE EXACT LOCATION INDICATED EXCEPT WHERE NOTED AS QUALITY LEVEL A.



ELECTRIC	NATURAL GAS	
CITY OF COLUMBIA, WATER & LIGHT	AMEREN MISSOURI	
701 E. BROADWAY	2001 MAGUIRE BLVD.	
COLUMBIA, MISSOURI 65201	COLUMBIA, MISSOURI 65201	
573-874-2489	573-876-3028	
ELECTRIC	SEWER	
BOONE ELECTRIC COOPERATIVE	CITY OF COLUMBIA, SEWER UTILITY	
1413 RANGELINE STREET	701 E. BROADWAY	
COLUMBIA, MO 65201	COLUMBIA, MISSOURI 65201	
573-449-4181	573-874-2489	
WATER	TELECOMMUNICATION	
CITY OF COLUMBIA, WATER & LIGHT	CITY OF COLUMBIA, WATER & LIGHT	
701 E. BROADWAY	701 E. BROADWAY	
COLUMBIA, MISSOURI 65201	COLUMBIA, MISSOURI 65201	
573-874-2489	573-874-2489	
WATER	TELECOMMUNICATION	
PUBLIC WATER SUPPLY DISTRICT #9	SOCKET TELECOM	
391 E. BROADWAY	2703 CLARK LANE	
COLUMBIA, MISSOURI 65201	COLUMBIA, MISSOURI 65202	
573-474-9521	573-817-0000	
TELECOMMUNICATION	TELECOMMUNICATION	
AT&T TRANSMISSION	BRIGHTSPEED	
800-252-1113	833-363-2360	

UTILITY CONTACTS





ALL CONSTRUCTION TO BE IN ACCORDANCE WITH "CITY OF COLUMBIA STREET, STORM DRAIN AND SANITARY SEWER SPECIFICATIONS AND STANDARDS" (CURRENT EDITION).

KNOWN UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS. OTHER UTILITIES MAY EXIST.

- ALL EXCAVATION TO BE IN ACCORDANCE WITH SECTIONS 319.010-319.050, REVISED STATUTES OF THE STATE OF MISSOURI. SUCH COMPLIANCE SHALL NOT, HOWEVER, EXCUSE ANY PERSON MAKING ANY EXCAVATION FROM DOING SO IN A CAREFUL AND PRUDENT MANNER, NOR SHALL IT EXCUSE SUCH PERSON FROM LIABILITY FOR ANY DAMAGE OR INJURY TO UNDERGROUND UTILITIES RESULTING FROM THE EXCAVATION.
- 4. ALL DISTURBED EARTH AREAS SHALL BE RESTORED AS PER TS.__ SEEDING AND TS.__ EROSION CONTROL.

OVERNIGHT. TEMPORARY PATCHING SHALL BE CONSIDERED INCIDENTAL TO THE WORK.

Shane Steven Creech Registered Professional PE-2007011061

- REMOVE ALL PAVEMENT SURFACES, INLETS, PIPES AND SIDEWALKS WITHIN THE CONSTRUCTION LIMITS AS PER TS-__, EXCEPT THOSE NOTED TO REMAIN. THE FIELD INSPECTOR SHALL VERIFY REMOVALS. REMOVAL OF TREES AND BUSHES SHALL BE VERIFIED BY FIELD INSPECTORS. EXERCISE CAUTION WHEN WORKING
- NEAR THE CONSTRUCTION LIMITS TO MINIMIZE DISTURBANCE TO ADJACENT TREES AND SHRUBS THAT ARE NOT BEING NO OPEN TRENCHES WILL BE ALLOWED OVERNIGHT. ASPHALTIC "COLD MIX" SHALL BE USED AS A TEMPORARY PATCH
- ALL BARRICADES, SIGNS, OTHER TRAFFIC CONTROL DEVICES AND PLACEMENT THEREOF SHALL CONFORM TO THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). SIGNING SHOWN AS MINIMUM REQUIREMENTS FOR ADJACENT ROADWAYS SHALL BE INSTALLED PRIOR TO IMPROVEMENTS. CONTRACTOR RESPONSIBLE FOR ADDITIONAL SIGNING, MARKING, OR DELINEATORS FOR SITE SPECIFIC CONSTRUCTION PHASING TO COMPLY WITH MUTCD GUIDELINES.



Mission Provide safe, sustainable Infrastructure that promote positive communities.

701 East Broadway P.O. Box 6015 Columbia, MO 65205 (573) 875-2489

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Fort Dodge, IA | Sioux City, IA

Columbia,MO | Macon,MO North Kansas City,MO | Springfield,MO

Lenexa, KS

Portsmouth, NH

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surveyors' guidance with respect to any alleged errors, omissions, inconsistences, ambiguities, or conflicts contained within

the Plans and Specifications.

MISSOURI CERTIFICATE OF AUTHORITY NO. E-2006023253

EXPIRES: DECEMBER 31, 2024

MO PE-2016001250

November 5, 2024

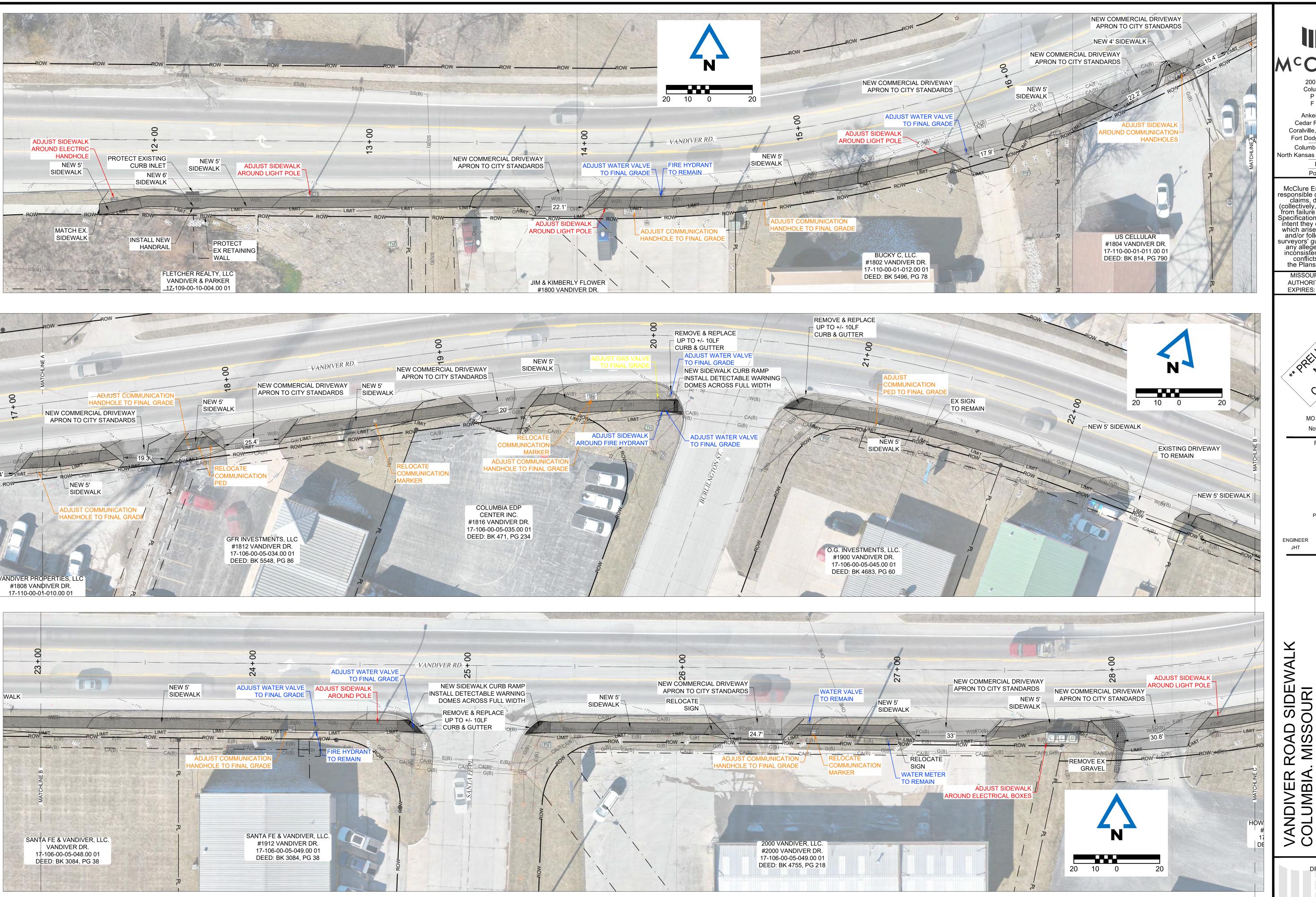
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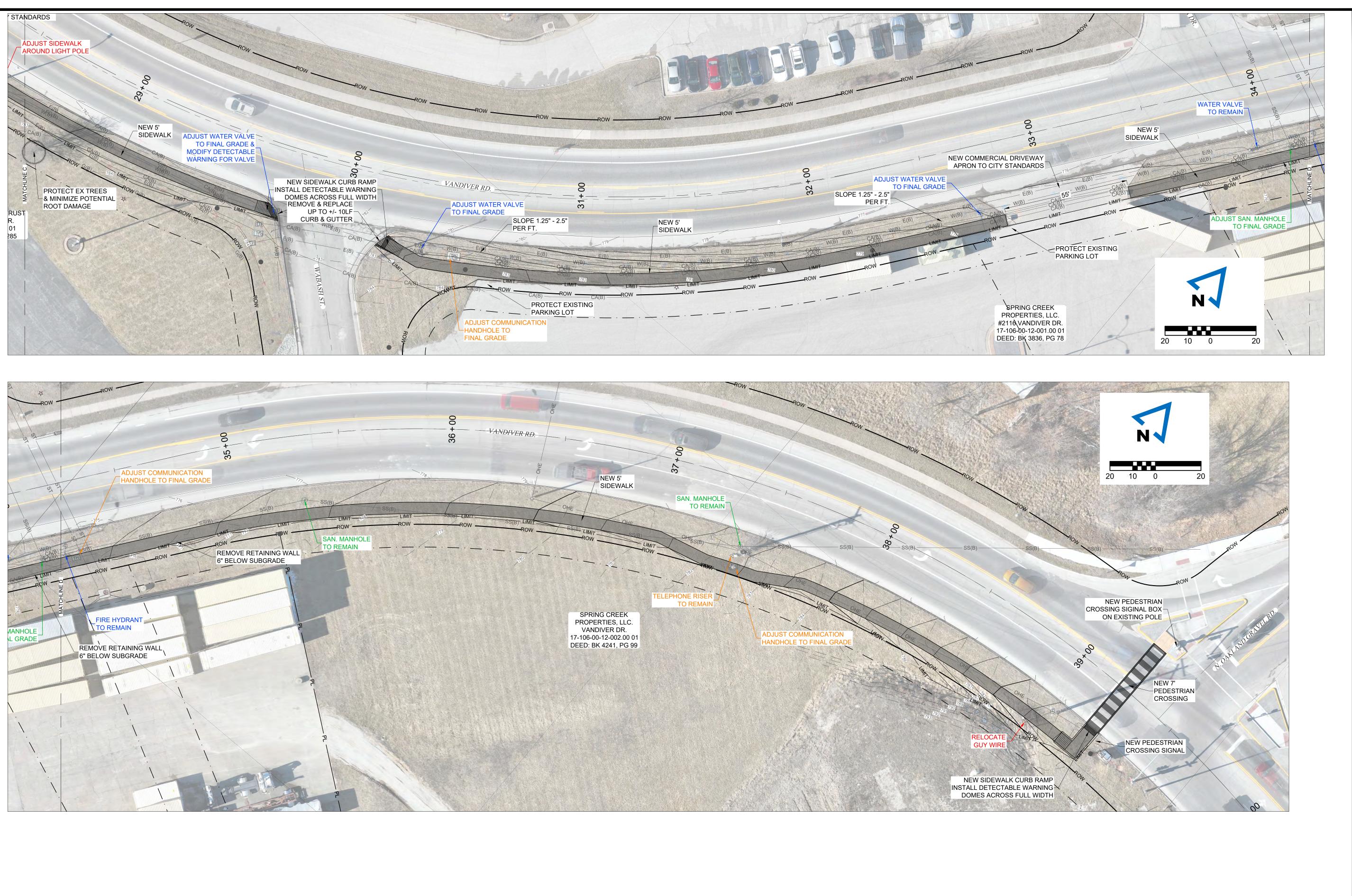
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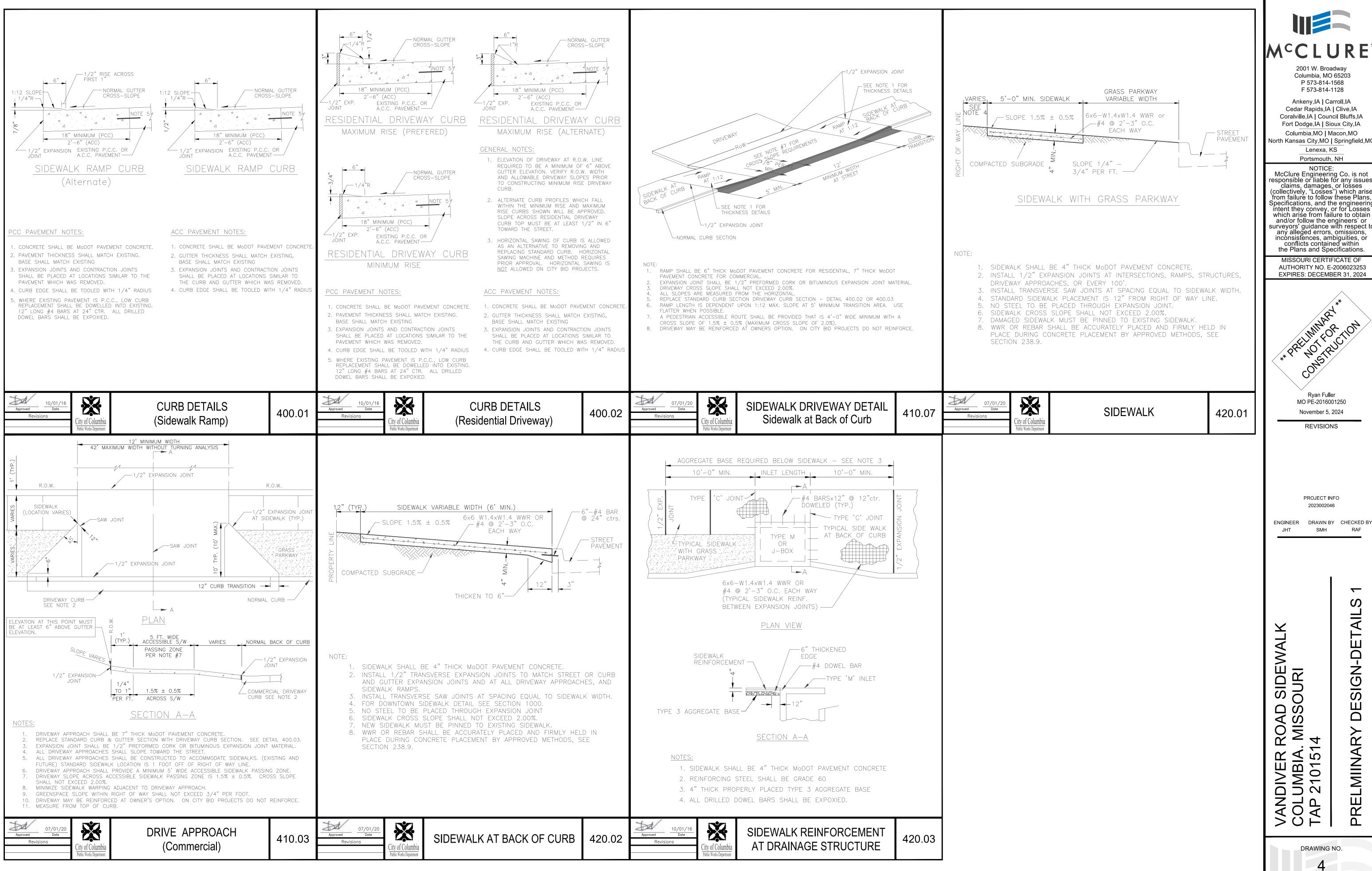
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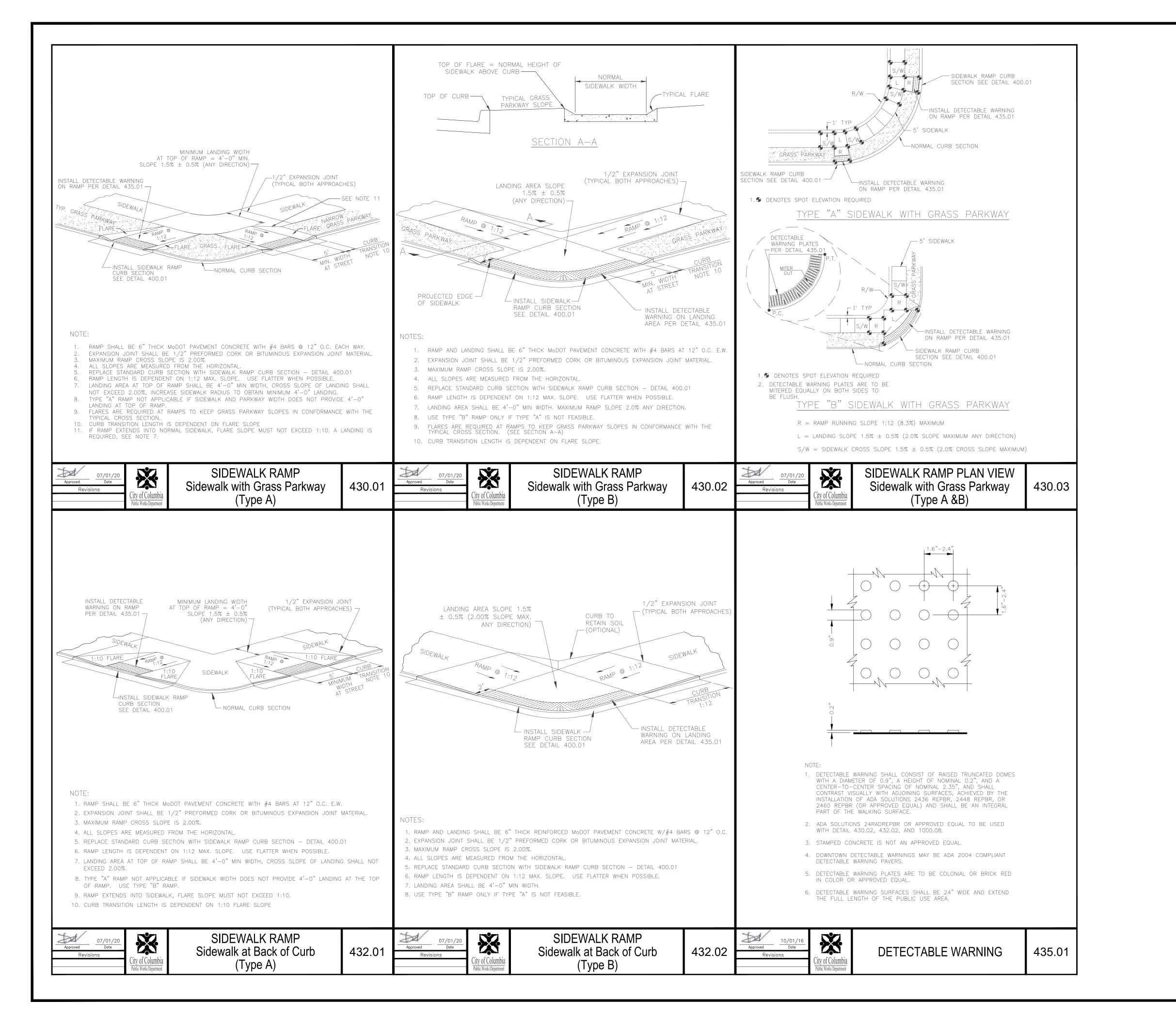
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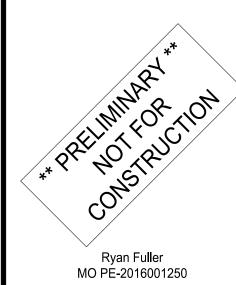
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