

# GENERAL CONTRACTOR AND LANDSCAPE CONTRACTOR RESPONSIBILITIES

GENERAL CONTRACTOR SHALL BACKFILL BEHIND BACK OF CURB UP TO TWO (2) INCHES BELOW TOP OF CURB ELEVATION. FILL SHALL BE CLEAN FILL MATERIAL FREE OF ORGANIC MATERIALS AND CONSTRUCTION DEBRIS. GENERAL CONTRACTOR SHALL GRADE AREAS TO DRAIN PER THE APPROVED GRADING PLAN AT A GRADE TWO (2) INCHES BELOW FINAL GRADE. LANDSCAPE CONTRACTOR WILL PROVIDE THE ADDITIONAL TWO (2) INCHES OF MATERIAL PER THE LANDSCAPE PLAN.

# STANDARD ACCESSIBILITY REQUIREMENTS

### A PARKING:

ACCESSIBLE PARKING SPACES SHALL BE AS NOTED TO A MIN. 96" WIDE OR A MIN. 132" WIDE FOR VAN DESIGNATED SPACES WITH A MAXIMUM SLOPE OF 2% (IN ALL DIRECTIONS). ALL BUILDINGS SHALL HAVE AT LEAST ONE VAN ACCESSIBLE SPACE.

EACH ACCESSIBLE PARKING SPACE SHALL HAVE A VERTICALLY MOUNTED (OR SUSPENDED) SIGN SHOWING THE SYMBOL OF ACCESSIBILITY. AT LEAST ONE SPACE MUST INCORPORATE "VAN-ACCESSIBLE" BELOW THE SYMBOL OF ACCESSIBILITY. SIGN SHALL BE LOCATED AS NOTED TO 80" (MIN.) ABOVE THE ADJACENT PAVED SURFACE TO BOTTOM OF TEXT.

ALL ACCESS AISLES SERVING ACCESSIBLE PARKING SPACES SHALL BE AS NOTED TO A 60" WIDE MINIMUM.

#### B RAMPS:

RAMPS EXCEEDING 6" IN RISE (EXCLUDING CURB RAMPS) SHALL HAVE APPROPRIATE EDGE PROTECTION WITH HANDRAILS ON EACH SIDE AT BETWEEN 34" AND 38", AND EXTEND 12" BEYOND THE TOP AND BOTTOM OF RAMP. HANDRAIL SHALL NOT DIMINISH THE CLEAR AREA REQUIRED FOR TOP AND BOTTOM LANDINGS SERVING THE RAMPS.

IF REQUIRED BY LOCAL OR STATE JURISDICTION, RAMPS SHALL CONTAIN A TRUNCATED DOME SURFACE ARRANGED SO THAT WATER WILL NOT ACCUMULATE. COLOR OF RAMP FINISH MATERIAL (INCLUDING CONCRETE) SHALL HAVE A LIGHT AND REFLECTIVE VALUE AND MUST CONTRAST SIGNIFICANTLY TO DISTINGUISH IT FROM ADJACENT SURFACES - (OR PAINT STRIPE).

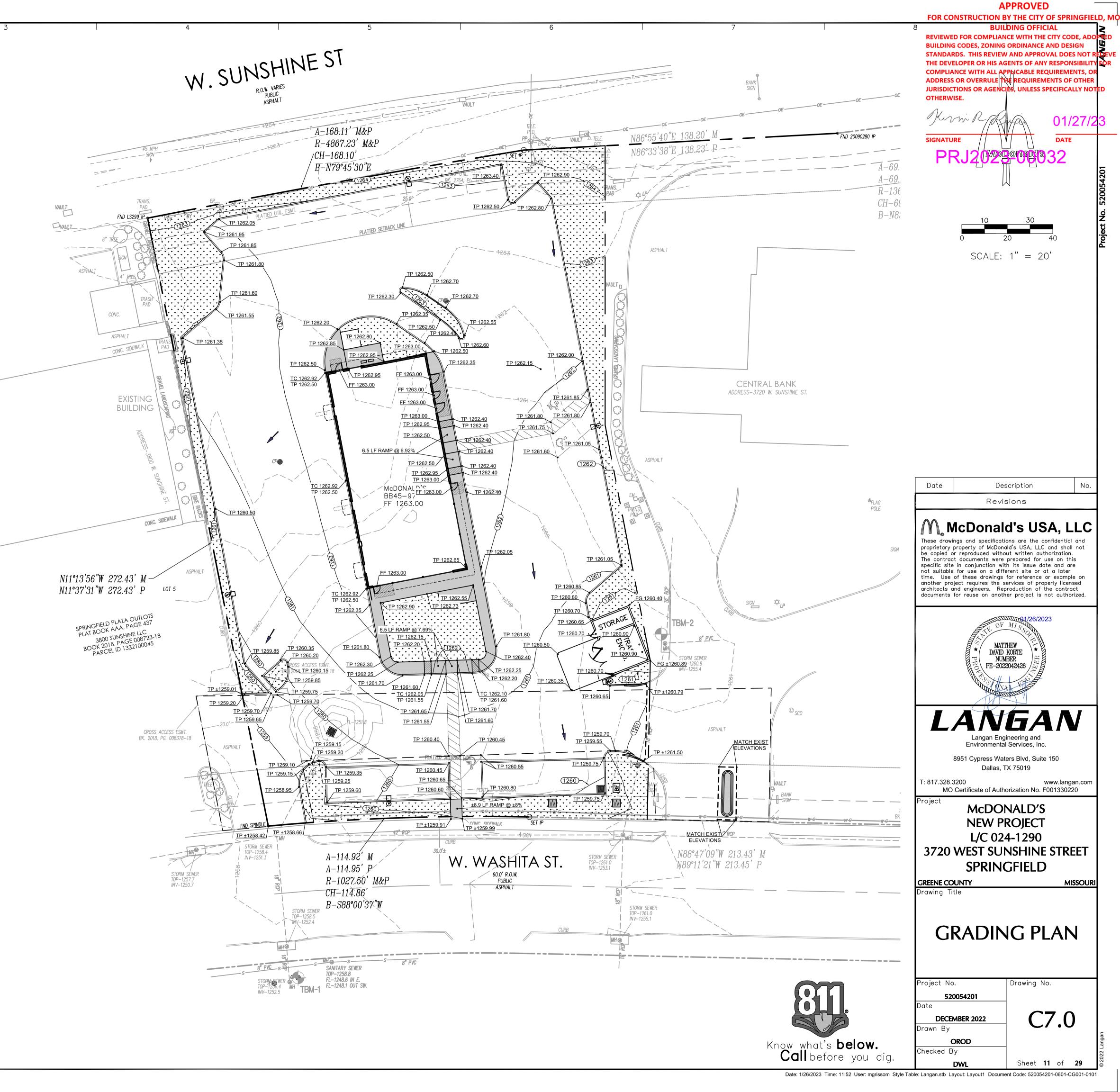
LANDINGS FOR RAMPS SHALL BE AS WIDE AS THE RAMP AND 60" LONG MINIMUM (36" MINIMUM FOR CURB RAMPS).

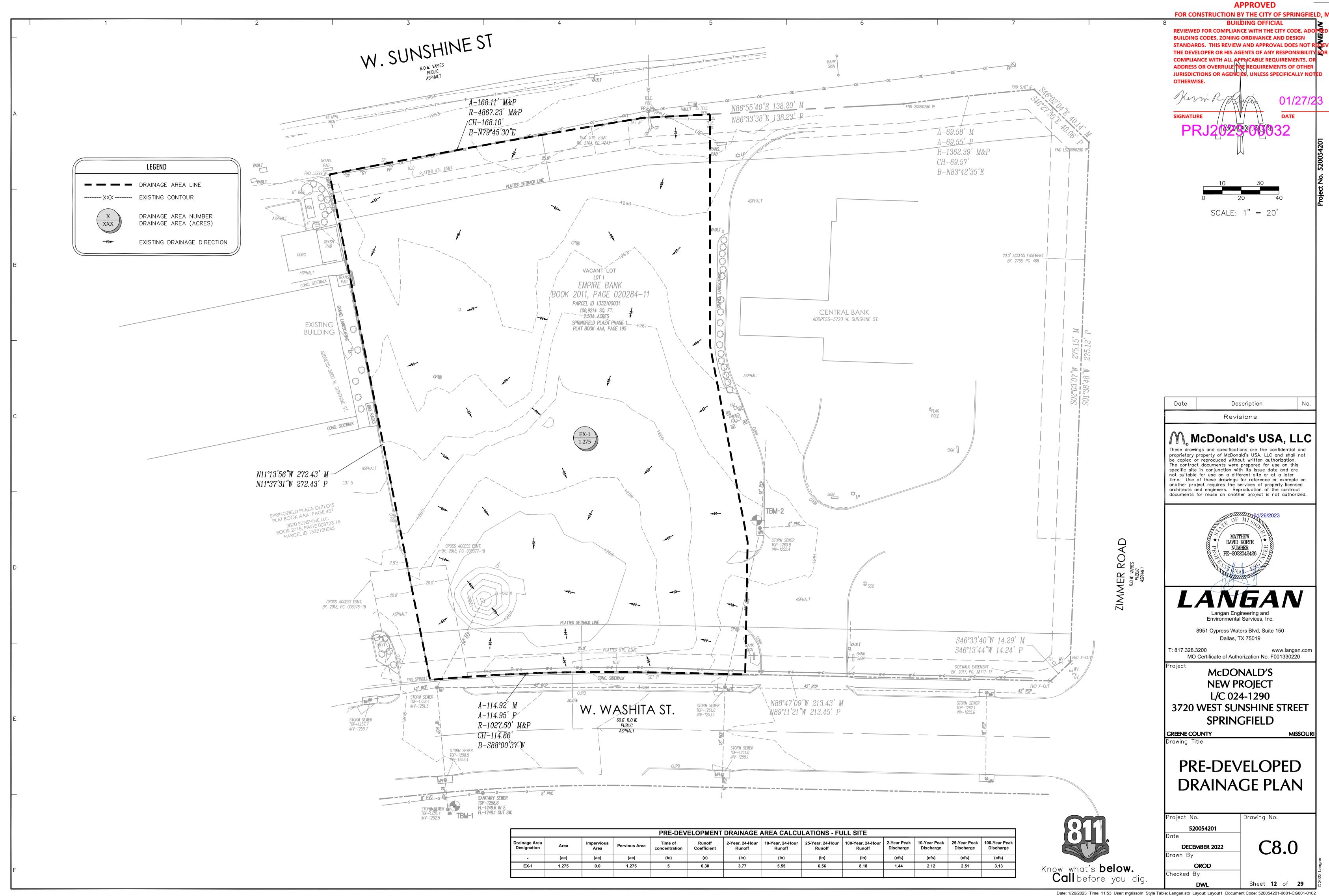
RAMPS SHALL NOT EXCEED A 1:12 RUNNING SLOPE OR 30" VERTICAL RISE.

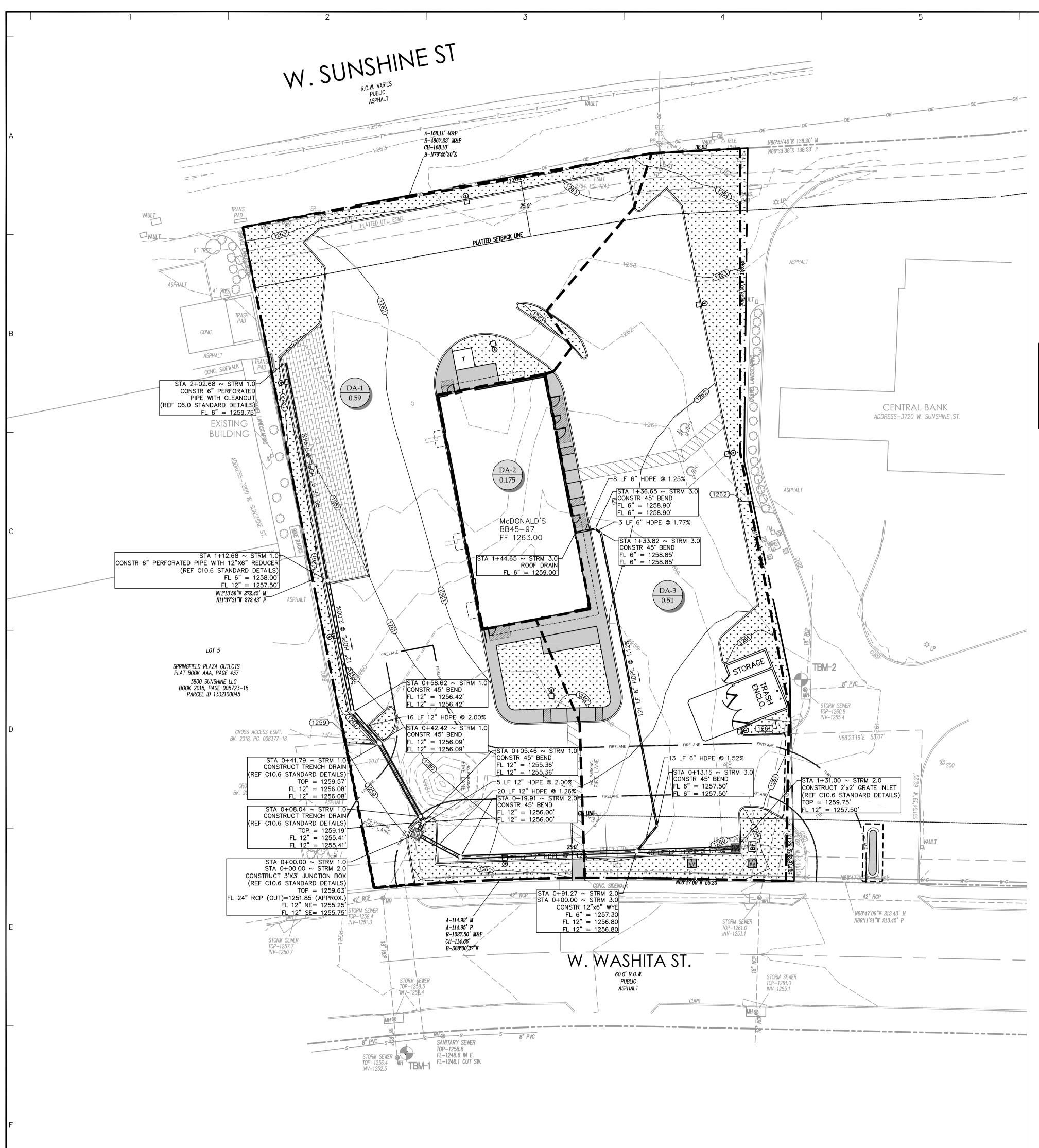
# RAMPS AND LANDING SHALL NOT EXCEED 1:48 (2% CROSS SLOPE).

) \_\_\_\_\_

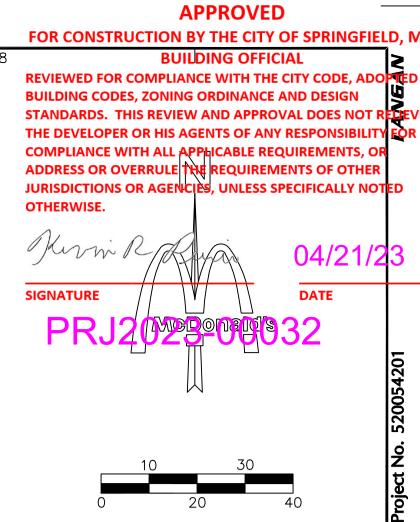
SIDEWALKS MUST BE AT LEAST 36" WIDE WITH A CROSS SLOPE THAT SHALL NOT EXCEED 1:48 (2%). LONGITUDINAL SLOPE OF ANY SIDEWALK (ACCESSIBLE ROUTE) SHALL NOT EXCEED 1:20 (5%).







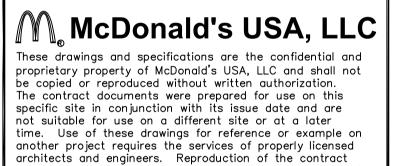
POST-DEVELOPMENT DRAINAGE AREA CALCULATIONS - FULL SITE													
Drainage Area Designation	Area	Impervious Area	Pervious Area	Time of concentration	Runoff Coefficient	2-Year, 24-Hour Runoff	10-Year, 24-Hour Runoff	25-Year, 24-Hour Runoff	100-Year, 24-Hour Runoff	2-Year Peak Discharge	10-Year Peak Discharge	25-Year Peak Discharge	100-Year Peak Discharge
-	(ac)	(ac)	(ac)	(tc)	(c)	(in)	(in)	(in)	(in)	(cfs)	(cfs)	(cfs)	(cfs)
DA-1	0.59	0.48	0.11	5	0.90	3.77	5.55	6.56	8.18	2.00	2.94	3.48	4.34
DA-2	0.175	0.175	0.0	5	0.90	3.77	5.55	6.56	8.18	0.59	0.87	1.03	1.29
DA-3	0.51	0.41	0.10	5	0.90	3.77	5.55	6.56	8.18	1.73	2.54	3.01	3.75



SCALE: 1'' = 20'

Date	Description	No.

Revisions





8951 Cypress Waters Blvd, Suite 150 Dallas, TX 75019

T: 817.328.3200 www.langan.com MO Certificate of Authorization No. F001330220



GREENE COUNTY Drawing Title

# **POST-DEVELOPED DRAINAGE PLAN**

Project No. 520054201 Date

DECEMBER 2022 Drawn By OROD

Checked By

Date: 4/14/2023 Time: 11:01 User: mgrissom Style Table: Langan.stb Layout: Layout1 Document Code: 520054201-0601-CG001-0103

**C8.1** 

Sheet **14** of **30** 

Drawing No.

$\left( \right)$		LEGEND	)
		DRAINAGE AREA LINE	
	XXX	EXISTING CONTOUR	
	XXX)	PROPOSED CONTOUR	
	X XXX	DRAINAGE AREA NUMBER DRAINAGE AREA (ACRES)	
		PERVIOUS AREA	
		PERMEABLE BRICK PAVERS	
	·····		
	No. 07		

Know what's **below. Call** before you dig.

der and the second s

## WATER PIPE MATERIAL SPECIFICATIONS 3/4", 1.5", 2" - TYPE "K" COPPER

6", 8" - C900 DR 18 PVC ALL WATER LINES MUST BE INSTALLED 48" BELOW FINISH GRADE.

WATER LINES SHALL BE INSTALLED ABOVE SEWER LINES WHEN POSSIBLE.

WATER LINES SHALL HAVE 2' VERTICAL CLEARANCE AT SANITARY SEWER CROSSINGS.

SANITARY SEWERLINE MATERIAL SPECIFICATIONS

ALL SANITARY SEWER PIPE TO BE SDR-35

# UTILITY CONTACTS

CITY OF SPRINGFIELD CONTACT: MATT TAYLOR PHONE: (417) 864–1000 CITY UTILITIES (WATER, GAS, ELECTRIC) CONTACT: JOSH CAREY PHONE: (417) 831–8816

AT&T (TELEPHONE) CONTACT: CINDY JEFFERS PHONE: (417) 836–7383

	UTILITY LEGEND								
MARK	MARK DESCRIPTION								
1	<ul> <li>(1) 2" PVC CONDUIT (FOR CAT6 DATA CABLES FROM BUILDING) AND</li> <li>(1) 3/4" PVC CONDUIT FROM PANEL CP TO MENU BOARD #1</li> </ul>								
2	(1) 1-1/4" PVC CONDUIT (FOR CAT6 DATA CABLES FROM BUILDING) AND (1) 3/4" PVC CONDUIT FROM MENU BOARD #1 TO MENU BOARD #2								
3	(1) 1" PVC CONDUIT (FOR CAT 6 DATA CABLES FROM BUILDING) AND (1) 3/4" PVC CONDUIT FROM MENU BOARD #1 TO PRE-BROWSE BOARD #1								
4	(1) 1" PVC CONDUIT (FOR CATE DATA CABLES FROM BUILDING) AND (1) 3/4" PVC CONDUIT FROM MENU BOARD #2 TO PRE-BROWSE BOARD #2								
5	(2) $1-1/2$ " PVC CONDUITS (ONE EACH FOR COD1 DATA AND LOOP DETECTOR), ANI (1) $1/2$ " STEEL CONDUIT (FROM PANEL CP AND PANEL LP TO COD1) (2) $1-1/2$ " PVC CONDUITS (ONE EACH FOR COD2 DATA AND LOOP DETECTOR), AN								
7	(1) $1/2$ " STEEL CONDUIT (FROM PANEL CP AND PANEL LP TO COD2) 1- $\frac{1}{2}$ " SLEEVE FOR VEHICLE LOOP DETECTOR								
8	1" CONDUIT WITH WIRE TO/FROM SITE LIGHTING								
9	ダ 2 CONDUIT WITH WIRE TO DIRECTIONAL SIGN								
10	- 34" CONDUIT WITH WIRE TO TRASH ENCLOSURE / STORAGE BUILDING								
11	¾" CONDUIT WITH WIRE TO ROAD SIGN								
12	UNDERGROUND ELECTRICAL SERVICE TO BUILDING (GC TO VERIFY ROUTE, NUMBER & SIZE OF CONDUITS W/ POWER CO.)								
13	PROPOSED PAD MOUNTED TRANSFORMER LOCATION								
14	UNDERGROUND TELEPHONE/INTERNET SERVICE TO SITE - (2) 4" CONDUITS (GC TO VERIFY ROUTE, NUMBER & SIZE OF CONDUITS W/ TELE. CO.)								
15	INSTALL 8" X 2" TAPPING SLEEVE AND VALVE ASSEMBLY FOR DOMESTIC SERVICE LINE TO BUILDING								
16	2" DOMESTIC WATER LINE TO BUILDING								
17	2" DOMESTIC WATER METER (PER LOCAL CODES)								
18	2" DOMESTIC BACKFLOW PREVENTION DEVICE IN BUILDING (PER LOCAL CODES)								
19	INSTALL 8" X 2" TEE WITH 2" VALVE FOR IRRIGATION SERVICE TO SITE								
20	1½" IRRIGATION METER (PER LOCAL CODES)								
21	IRRIGATION BACKFLOW PREVENTION DEVICE (PER LOCAL CODES)								
22	34" WATER SERVICE TO TRASH ENCLOSURE FOR HOSE BIB								
23	CONTRACTOR TO MAINTAIN 2' VERTICAL CLEARANCE BETWEEN WATER AND SANITARY SEWER LINE CROSSINGS								
24	TWO-WAY SANITARY SEWER CLEANOUT WITH CAST IRON COVER (H-20 RATED WHEN IN PAVED AREAS)								
25	SINGLE SANITARY SEWER CLEANOUT WITH CAST IRON COVER (H-20RATED WHEN IN PAVED AREAS)								
26	1,500 GALLON GREASE TRAP (PER LOCAL CODES)								
27	PROPOSED GAS METER (VERIFY USAGE W/ ACM) (GC TO VERIFY LOCATION W/ GAS COMPANY								
28	GAS SERVICE LINE TO BUILDING (VERIFY USAGE W/ ACM) (GC TO VERIFY ROUTE & SIZE W/ GAS COMPANY)								

