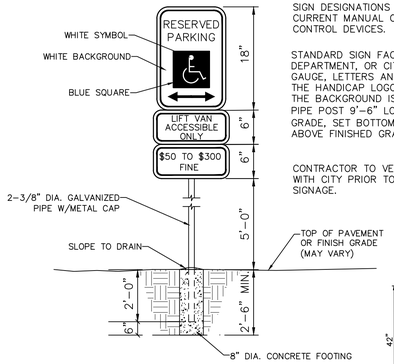


SIGN DESIGNATIONS ARE FROM THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

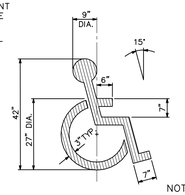
STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT, OR CITY STREET DEPARTMENT GAUGE, LETTERS AND BORDERS ARE GREEN, THE HANDICAP LOGO SQUARE IS BLUE AND THE BACKGROUND IS WHITE, GALVANIZED PIPE POST 9'-6" LONG, SET 2'-0" INTO GRADE, SET BOTTOM OF "FINE" SIGN 5'-0" ABOVE FINISHED GRADE.

CONTRACTOR TO VERIFY ALL SIGNAGE WITH CITY PRIOR TO ORDERING ALL SIGNAGE.

SIGN TO BE CENTERED ON THE SPACE

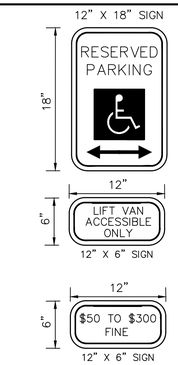
ACCESSIBLE VAN PARKING SIGN

NOT TO SCALE



PAINTED HANDICAPPED PARKING SYMBOL

NOT TO SCALE



SIGN DESIGNATIONS ARE FROM THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT, OR CITY STREET DEPARTMENT GAUGE, LETTERS AND BORDERS ARE GREEN, THE HANDICAP LOGO SQUARE IS BLUE AND THE BACKGROUND IS WHITE.

CONTRACTOR TO VERIFY ALL SIGNAGE WITH CITY PRIOR TO ORDERING ALL SIGNAGE.

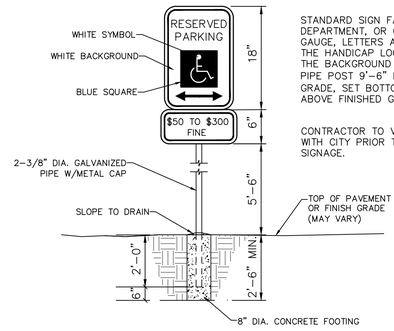
SIGN TO BE CENTERED ON THE SPACE

ACCESSIBLE VAN PARKING SIGN

NOT TO SCALE

NOTE: ALL TRAFFIC SIGNALS, STREET SIGNS, SIGN POST, BACKS AND BRACKET ARMS SHALL BE PAINTED BLACK USING CARBOLINE 133 HB PAINT (OR EQUIVALENT AS APPROVED BY CITY OF O'FALLON AND MODOT).

NOTE: ALL ADA STRIPING FOR PARKING STALLS SHOULD BE PAINTED BLUE.



SIGN DESIGNATIONS ARE FROM THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

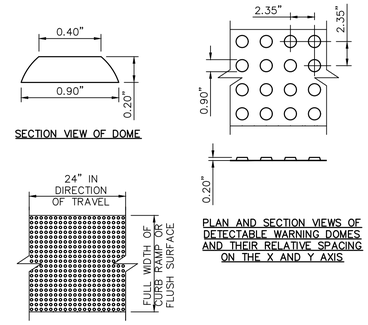
STANDARD SIGN FACE, STANDARD HIGHWAY DEPARTMENT, OR CITY STREET DEPARTMENT GAUGE, LETTERS AND BORDERS ARE GREEN, THE HANDICAP LOGO SQUARE IS BLUE AND THE BACKGROUND IS WHITE, GALVANIZED PIPE POST 9'-6" LONG, SET 2'-0" INTO GRADE, SET BOTTOM OF "FINE" SIGN 5'-6" ABOVE FINISHED GRADE.

CONTRACTOR TO VERIFY ALL SIGNAGE WITH CITY PRIOR TO ORDERING ALL SIGNAGE.

SIGN TO BE CENTERED ON THE SPACE

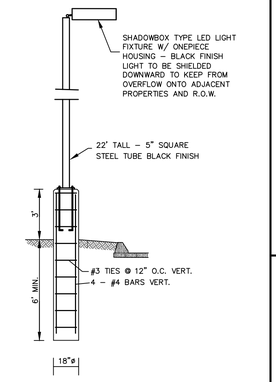
ACCESSIBLE CAR PARKING SIGN

NOT TO SCALE



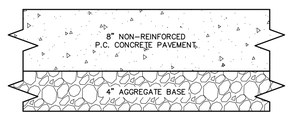
TYPICAL DETAIL OF DETECTABLE WARNING SURFACE

NOT TO SCALE



LIGHT POLE & BASE

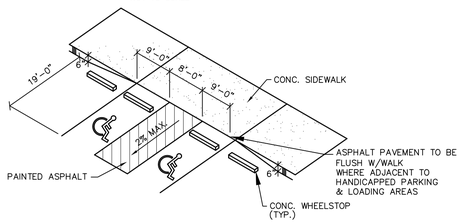
NOT TO SCALE



TRASH ENCLOSURE CONCRETE DETAIL

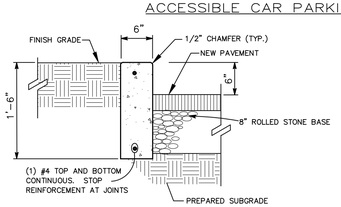
NOT TO SCALE

* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEXT AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS



FLUSH PAVEMENT DETAIL

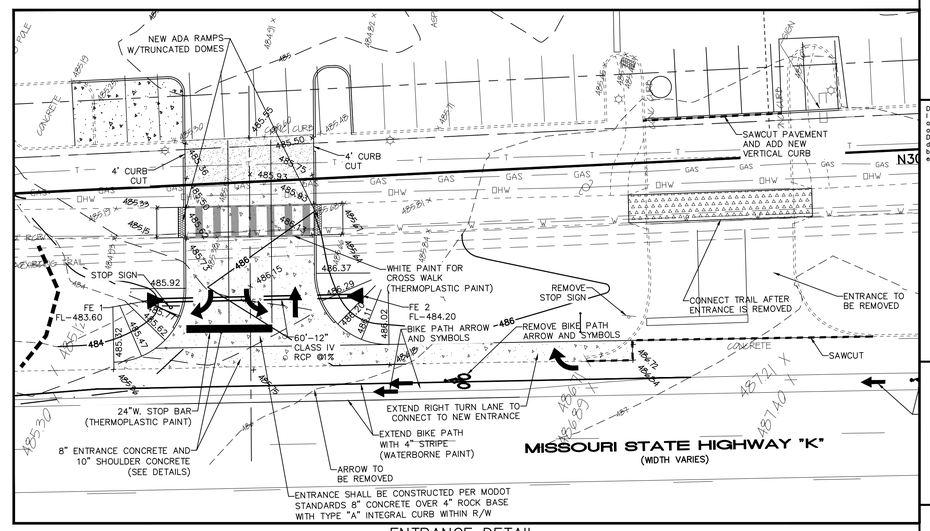
NOT TO SCALE



CONCRETE CURB DETAIL

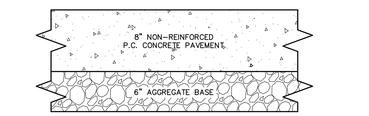
NOT TO SCALE

* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEXT AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS



ENTRANCE DETAIL

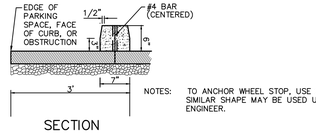
NOTE: ALL PAVEMENT REMOVED IS TO BE TO THE NEAREST JOINT.



CONCRETE PAVEMENT DETAIL

NOT TO SCALE

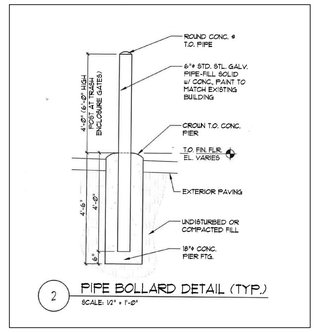
* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEXT AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS



NOTES: TO ANCHOR WHEEL STOP, USE 2 – #4 BARS 24" LONG SIMILAR SHAPE MAY BE USED UPON APPROVAL OF THE ENGINEER.

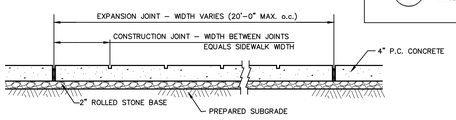
SECTION

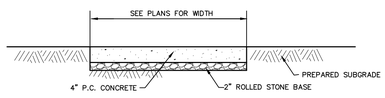
PRECAST CONCRETE WHEELSTOP



2 PIPE BOLLARD DETAIL (TYP.)

SCALE: 1/2" = 1'-0"

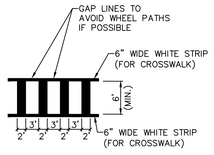




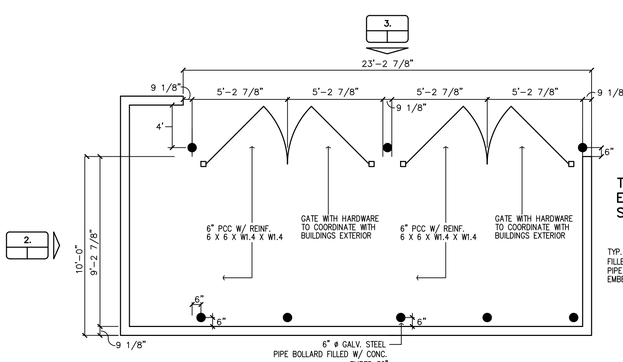
* ALL GRANULAR ROLLED STONE BASE UNDER PROPOSED CONCRETE MUST BE COMPACTED TO 100% OF THE MAXIMUM DENSITY AS DETERMINED BY THE STANDARD PROCTOR TEST AASHTO T-99. CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSI IN 28 DAYS.

CONCRETE SIDEWALK DETAIL

NOT TO SCALE

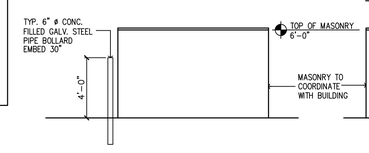


24" WIDE WHITE LOGITUDINAL CROSSWALK STRIPE



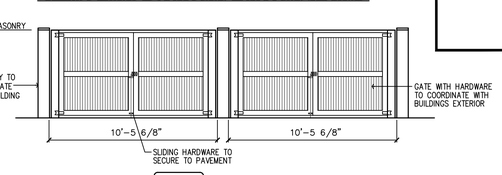
1. TRASH ENCLOSURE PLAN

NOT TO SCALE



2. ELEVATION

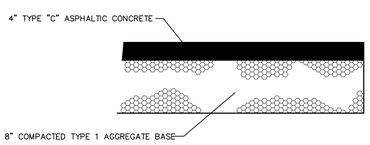
NOT TO SCALE



3. ELEVATION

NOT TO SCALE

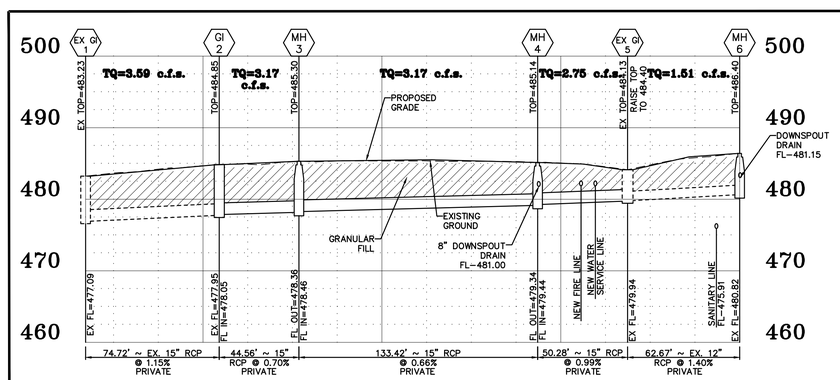
THIS DETAIL HAS BEEN PROVIDED FOR CONCEPTUAL APPROVAL ONLY. EXACT DETAIL OF MATERIAL AND CONSTRUCTION METHODS SHALL BE SHOWN WITH ARCHITECTURAL PLANS.



ASPHALT PAVEMENT DETAIL

NOT TO SCALE

* THE ASPHALT SURFACE SHALL BE COMPACTED TO 98% MAXIMUM DENSITY.



STORM SEWER PROFILE

SCALE: 1" = 40'

St Charles County Government
Hydraulic Review Output Data
\\VAULTSERVER\FileFolders\13000\13706F - Lou Fusz O'Fallon, Hwy K\Engineering\Hydraulics\13706F.txt
1/18/2024
Calculations Under Full Flow

	Upp Str	Low Str	PL	S	Upp FL LN	Low FL LN	PS	Upp ST EL	Depth HY GR	Upp HY EL	Low HY EL	Hydr Grade	FR Head	VEL	VEL Head	Junc Loss	Turn Loss	Curve Loss	STR Grade	Inl Cap	DR Area	P.I.	Q	TQ	Pipe Cap	Remarks
1	MH6	EXGI5	63	12	480.82	479.94	1.40	486.40	5.17	481.23*	480.94	0.00180	0.11	1.92	0.06	0.06	0.00	0.00	2		0.00			1.51	4.22	
2	EXGI5	MH4	50	15	479.94	479.44	1.00	484.13	3.33	480.80	480.69	0.00180	0.09	2.24	0.08	0.00	0.02	0.00	2		6.00			2.75	6.46	
3	MH4	MH3	133	15	479.34	478.46	0.66	485.14	5.07	480.07	479.71	0.00240	0.32	2.58	0.10	0.00	0.04	0.00	2		0.00			3.17	5.25	
4	MH3	GI2	45	15	478.36	478.05	0.69	485.30	5.83	479.47	479.30	0.00240	0.11	2.58	0.10	0.00	0.06	0.00	2		0.00			3.17	5.37	
5	GI2	EXGI1	74	15	477.95	477.09	1.16	484.85	6.16	478.69	478.40	0.00310	0.23	2.83	0.13	0.00	0.06	0.00	2		6.00			3.59	6.96	
6	EXGI1	EXMH	119	21	477.09	475.74	1.13	483.23	4.83	478.40	477.49	0.00750	0.89	5.69	0.50	0.00	0.02	0.00	2		6.00			13.69	16.84	

PROJECT TITLE:
Lou Fusz Building Additions
Highway K
O'Fallon, MO

Bax Project # 06-13706F | Issue Date: 10/25/2023

ENGINEERING
PLANNING
SURVEYING
221 Point West Blvd.
St. Charles, MO 63301
636-928-5552
FAX 928-1718

DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authenticated by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other Drawings, Specifications, Estimates, Reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project of

STATE OF MISSOURI
LARRY DAVID WALKER
NUMBER PE-2007020343
PROFESSIONAL ENGINEER
02/08/24
LARRY WALKER
CIVIL ENGINEER
2007020343

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Authority No. 000655
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REVISIONS

01/18/2024	CITY/UTILITY REVIEW
02/08/2024	CITY COMMENTS

Developer / Owner:
Lou Fusz Properties, LLC
1 Athletic Dr.
Earth City, MO 63045

DETAILS

P+Z No. #23-007755

Approval Date: 08/03/2023

City No. CSP23-000048

Page No.

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