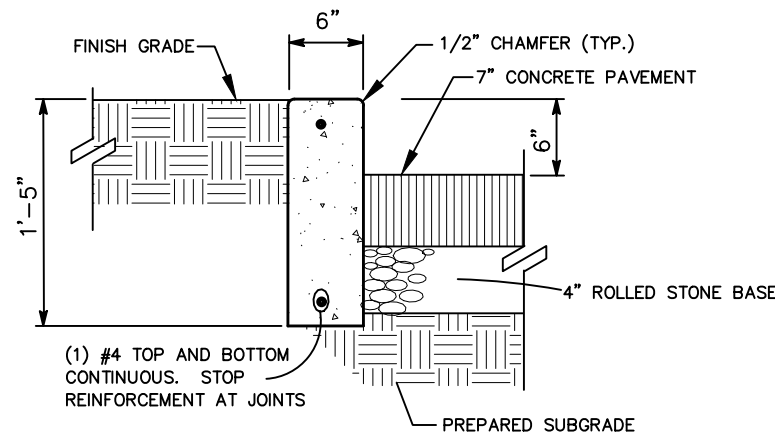


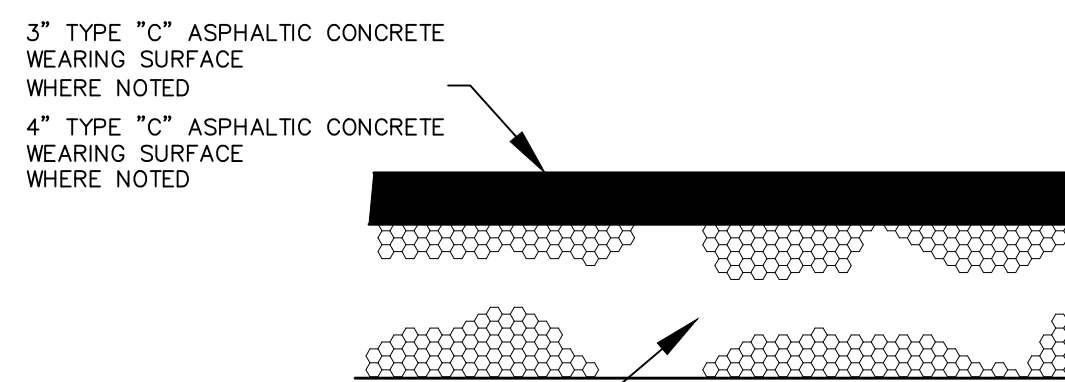
P.C. CONCRETE PAVEMENT TYPICAL SECTION AT HVAC UNIT
NOT TO SCALE

CONCRETE TO HAVE A 4,000 PSI RATING AT 28 DAYS



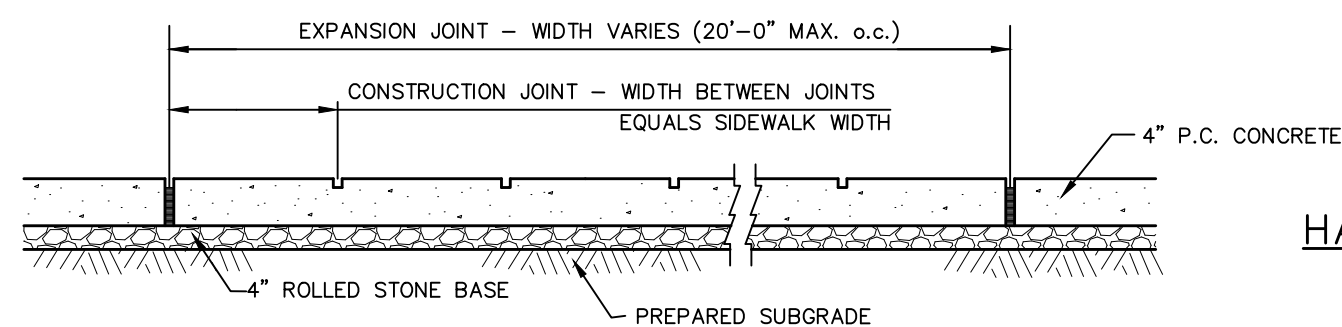
CONCRETE CURB DETAIL
NOT TO SCALE

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



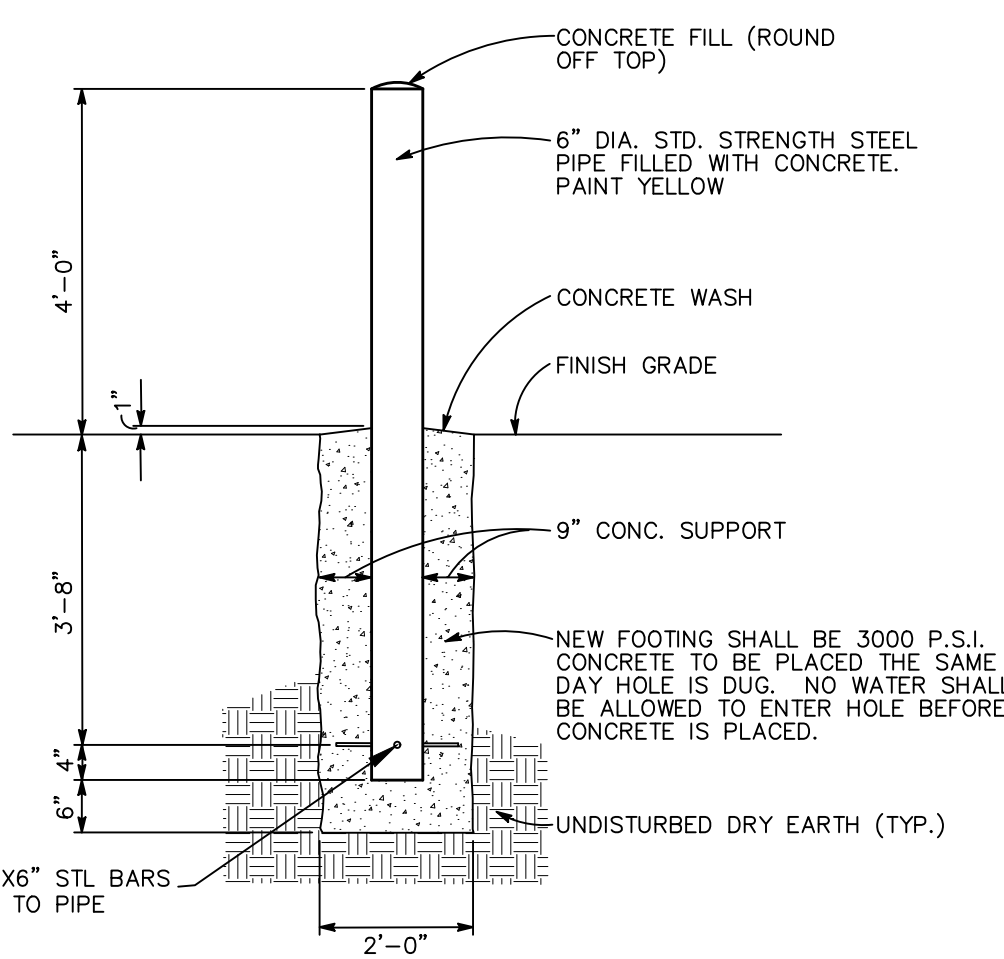
ASPHALT PAVEMENT DETAIL
NOT TO SCALE

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

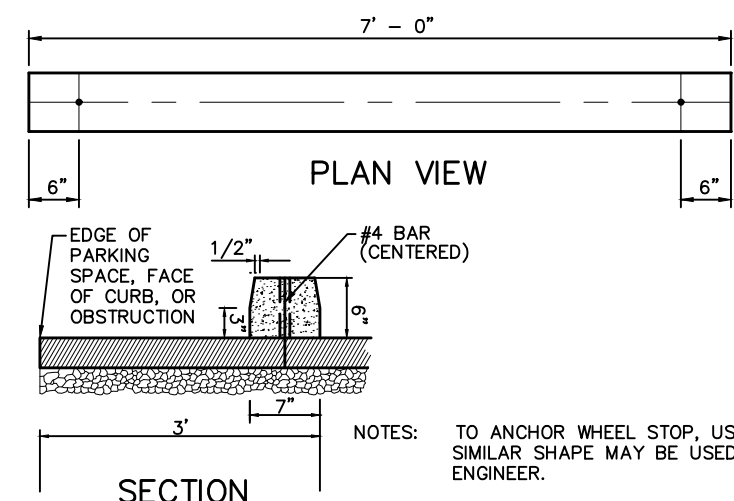


CONCRETE SIDEWALK DETAIL
NOT TO SCALE

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

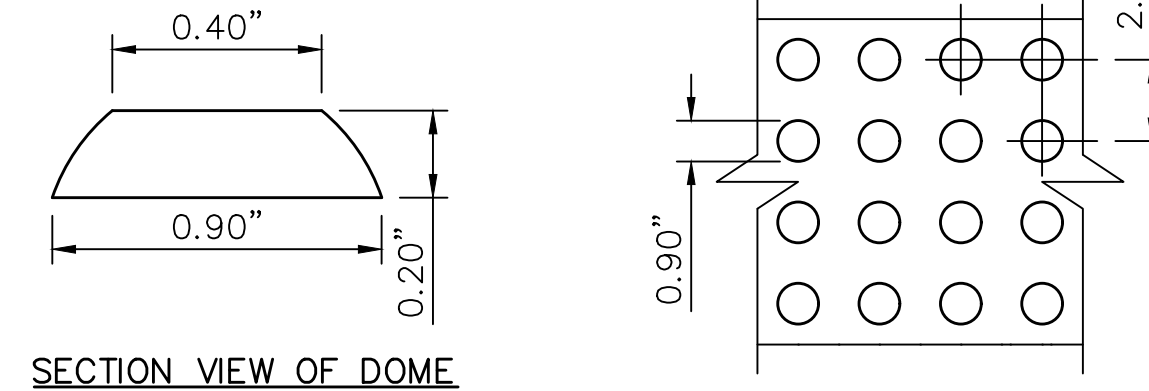


PIPE BOLLARD DETAIL
NOT TO SCALE

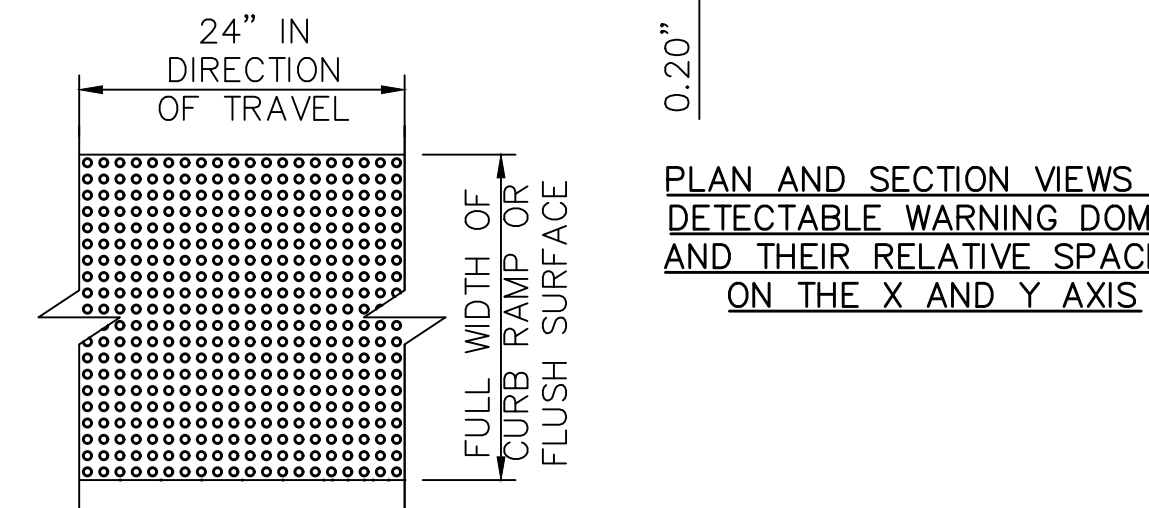


PRECAST CONCRETE WHEELSTOP

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



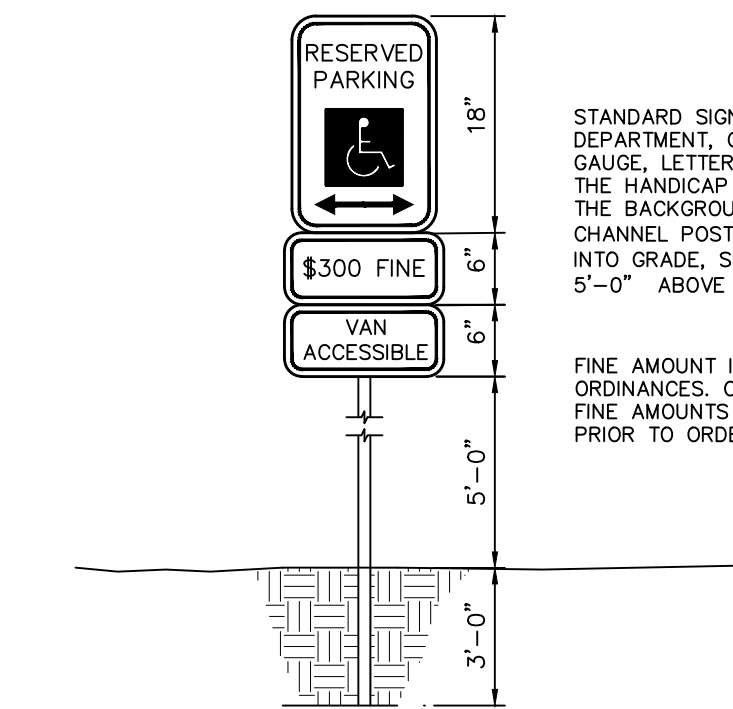
SECTION VIEW OF DOME



PLAN VIEW OF A DETECTABLE WARNING SURFACE SHOWING DOMES ALIGNED IN ROWS, NOT SKEWED DIAGONALLY.

TYPICAL DETAIL OF DETECTABLE WARNING SURFACE
NOT TO SCALE

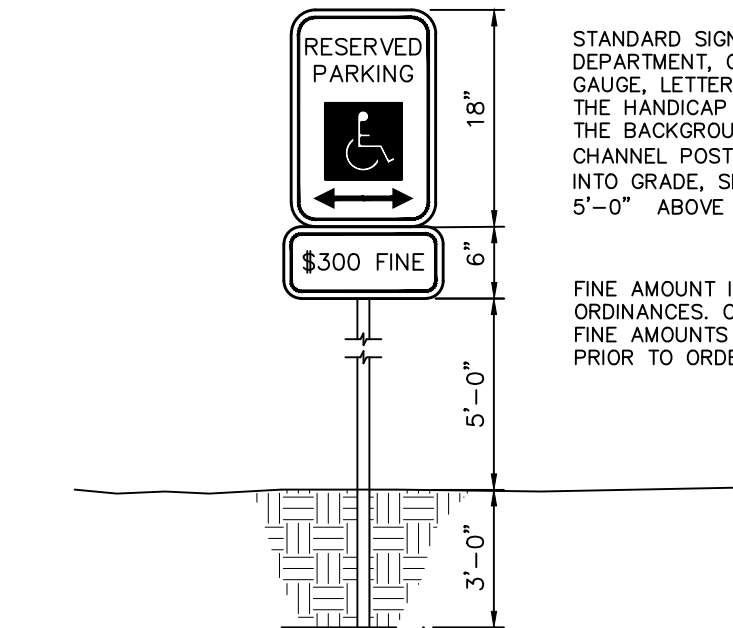
PAINTED HANDICAPPED PARKING SYMBOL
NOT TO SCALE



HANDICAP VAN PARKING SIGN
NOT TO SCALE

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 U CHANNEL POST 10'-0" LONG, SET 3'-0" INTO GRADE, SET BOTTOM OF "FINE" SIGN 5'-0" ABOVE FINISHED GRADE.

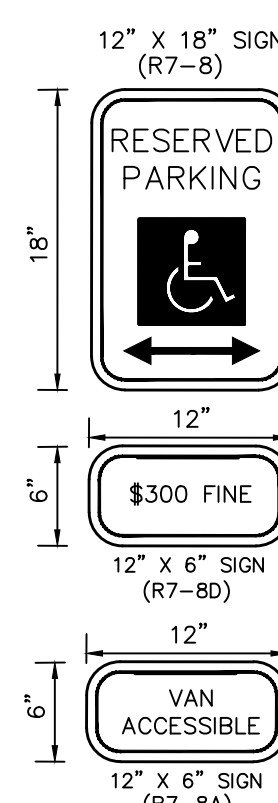
FINE AMOUNT IS SET BY LOCAL ORDINANCES. CONTRACTOR TO VERIFY FINE AMOUNTS WITH CITY OR COUNTY PRIOR TO ORDERING FINE SIGNAGE.



HANDICAP CAR PARKING SIGN
NOT TO SCALE

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.

FINE AMOUNT IS SET BY LOCAL ORDINANCES. CONTRACTOR TO VERIFY FINE AMOUNTS WITH CITY OR COUNTY PRIOR TO ORDERING FINE SIGNAGE.



VAN ACCESSIBLE HANDICAP PARKING SIGN

SPECIFICATIONS

- 4" FPT inlet/outlet with 4" plain end adapters, single inlet and triple outlet.
- Unit weight - w/ cast iron covers: 376 lbs. (For wet weight add 2,310 lbs.)
- Maximum operating temperature: 150° F continuous
- Capacities - Liquid: 277 gal.; Grease: 1,895 lbs. (250 gal.) @ 100GPM Grease: 1,196 lbs. (164 gal.) @ 200GPM Solids: 69 gal.
- This unit does not require flow control for 100 GPM applications. Built-in flow control is provided for 200 GPM applications. For series installations, only install flow control on the first unit in the series if necessary.
- For gravity drainage applications only.
- Do not use for pressure applications.
- Cover placement allows full access to tank for proper maintenance.
- Vent not required unless per local code.
- Engineered inlet and outlet diffusers with inspection ports are removable to inspect / clean piping.
- Integral air relief / Anti-siphon / Sumping access.
- Adjustable cover adapters provide up to 4" of additional height.
- Designed for below-grade, above-grade, indoor or outdoor installations.
- Safety Start® access restrictor built into each cover adapter, prevents accidental entry to tanks (450 lb rating).

ENGINEER SPECIFICATION GUIDE

Schier Great Basin™ grease interceptor model # GB-250 shall be lifetime guaranteed and made in USA of seamless, rotationally-molded polyethylene with minimum 3/8" uniform wall thickness. Interceptor shall be furnished for above or below-grade installation with adjustable cover adapters, Safety Start® access restrictor built into each cover adapter, built-in flow control (for 200 GPM only) and three outlet options. Interceptor shall be certified to ASME A112.14.3 (Type D for 100 GPM, type C for 200 GPM) and CSA 849.1. Interceptor flow rate shall be 100 GPM or 200 GPM. Interceptor grease capacity shall be 1,895 lbs. @ 100 GPM or 1,196 lbs. @ 200 GPM. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

CERTIFIED PERFORMANCE

Great Basin™ hydromechanical grease interceptors are third party performance-tested and listed by AP/MSO to ASME #A112.14.3 and CSA 849.1 grease interceptor standards and greatly exceed requirements for grease separation and storage. They are compliant to the Uniform Plumbing Code and the International Plumbing Code.

Type D certification does not require a flow control

SPECIFICATION SHEET

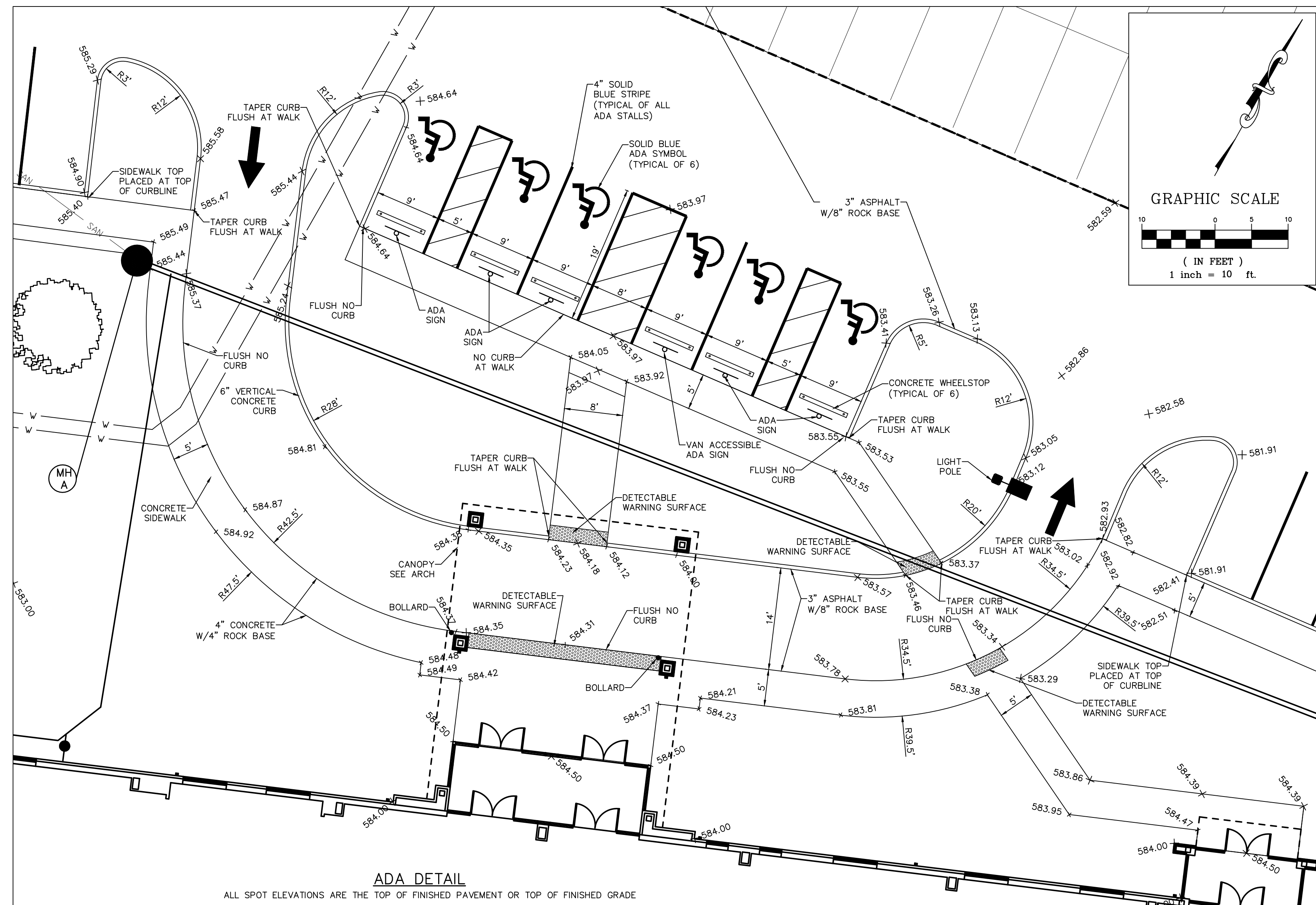
MODEL NUMBER: **GB-250**

PART NUMBER: 4055-007-02

DESCRIPTION: GB-250 GREASE INTERCEPTOR 100 GPM / 200 GPM, 4" INLET/OUTLET, H-20 RATED CAST IRON COVERS

UPC

SCHIER
6455 Woodland Dr
Shawnee, KS 66218
Tel: 913-951-3300
Fax: 913-951-3399
schierproducts.com

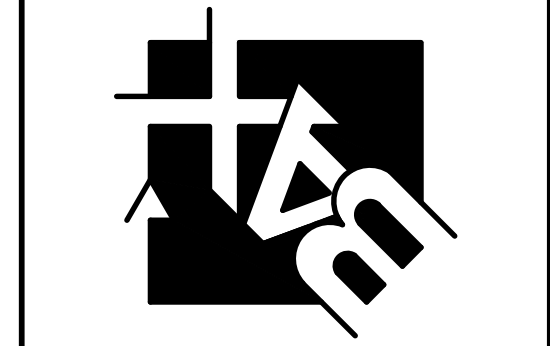


ADA DETAIL

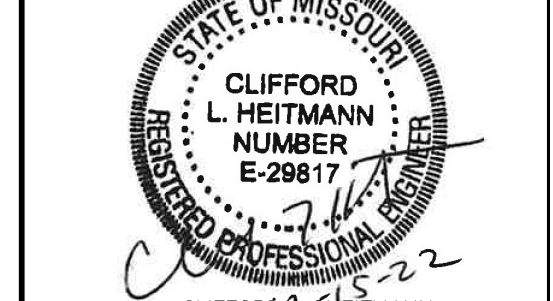
ALL SPOT ELEVATIONS ARE THE TOP OF FINISHED PAVEMENT OR TOP OF FINISHED GRADE

PROJECT TITLE:
CONSTRUCTION PLANS FOR:
First Baptist Church of O'Fallon
8750 Veterans Memorial Pkwy
O'Fallon, MO 63366

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



DISCLAIMER OF RESPONSIBILITY
I hereby certify 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 referring to or intended to be used for any part or parts of the architectural or engineering project or survey.



Copyright 2022
Box Engineering Company, Inc.
Authority No. 000855
All Rights Reserved

REVISIONS

NO.	DATE	DESCRIPTION
11-7-22		CITY COMMENTS
11-29-22		CITY COMMENTS
12-9-22		BLDG. UTILITIES
12-15-22		BID SET

Developer / Owner:
First Baptist Church of O'Fallon
8750 Veterans Memorial Pkwy
O'Fallon, MO 63366
Phone #

P+Z No. 22-005714
Approved: 07-07-22
City No. 22-010520

Page No. 15 of 16

CONSTRUCTION DETAILS

Box Project # 63-4007D Issue Date: XX/XX/2022