



ADDENDUM NO. 2

DATE: May 24, 2021

OWNER: City of Ozark
205 N. 1st Street
Ozark, MO 65721

SUBJECT: Addendum No. 2 – Downtown Street and Sidewalk Improvements
Cochran Project No. SW20-285

This Addendum forms a part of the Bidding and Contract Documents and modifies the original Bidding Documents.
FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDUM MAY SUBJECT BIDDER TO DISQUALIFICATION.

ITEM:

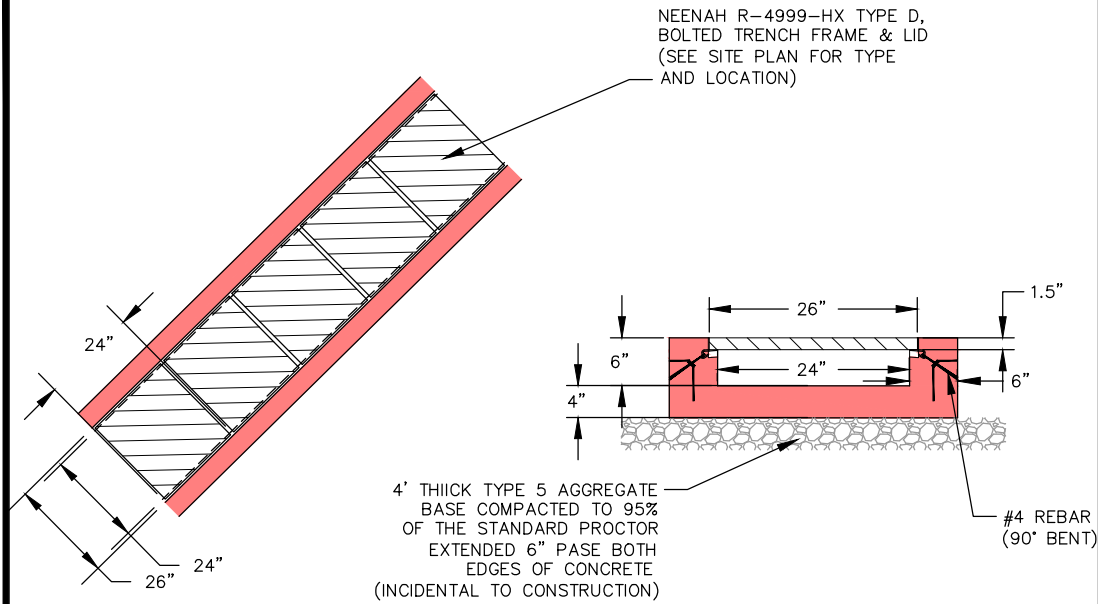
GENERAL

1. Contractor Question: On the traffic control plans for the above project it is showing a sign for either a flagger or street light sign. Do they need temporary traffic lights on this or will flaggers be needed for this project?
All work should be contained on City streets classified as commercial with complete sections closed at a time. If the contractor wants to only close a portion of the road and keep one lane open on a street with traffic in both directions, flaggers would be necessary. However, if the road is closed proper signage for detours, road closure etc. is required.
2. Contractor Question: Does the owner want aluminum or steel handrail for the "Concrete Stairs with Handrails"? Plans show aluminum but the specifications (3200 Misc. Metals) are designed around steel. If aluminum is the desired option, is there a specific "premanufactured" brand of aluminum handrail the owner desires or is this just to clarify that no "field welding" will be allowed. Can the owner provide a more detailed handrail design? Baluster size/weight, rail size/weight, post size/weight, square or round tubing?
Clarification to specification 3200 Misc. Metals. Handrails listed in the specification do not apply to "Concrete Stairs with Handrails Detail" on Plan Sheet D-11 – Details. The Concrete Stairs with Handrails detail has been updated to provide the additional requested information. See attached Revised Plan Sheet D-11.

ATTACHMENTS

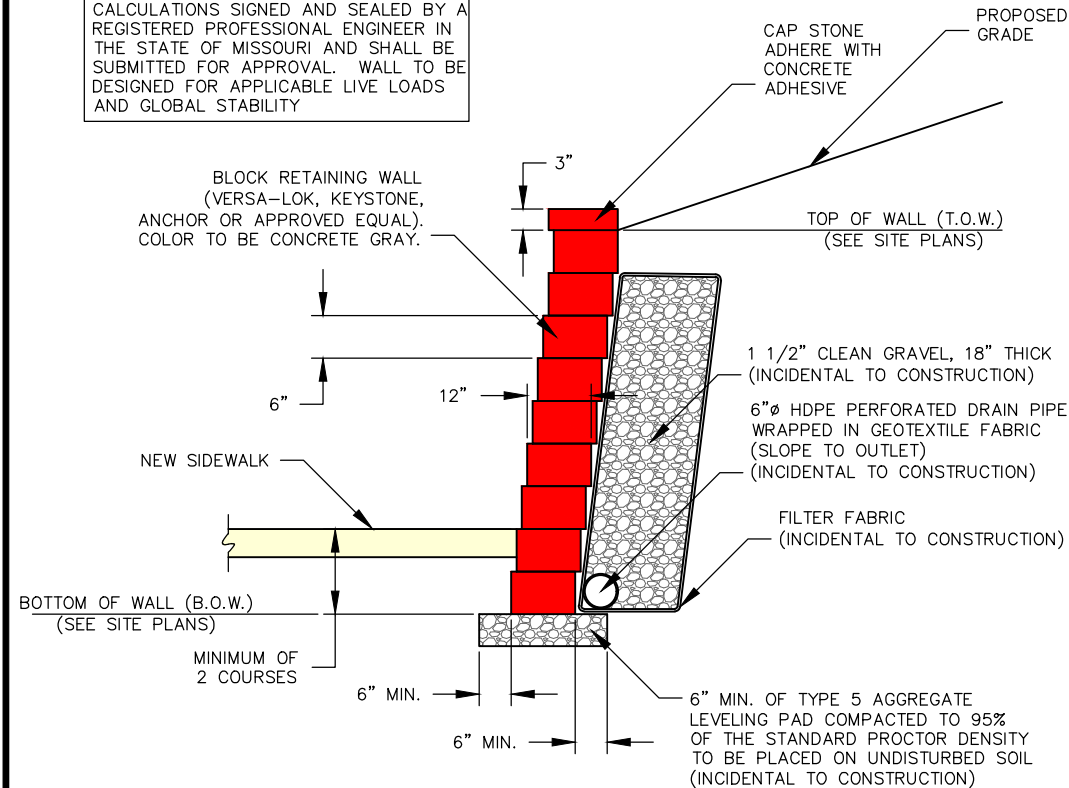
Revised Plan Sheet D-11 - Details

END OF ADDENDUM NO. 2



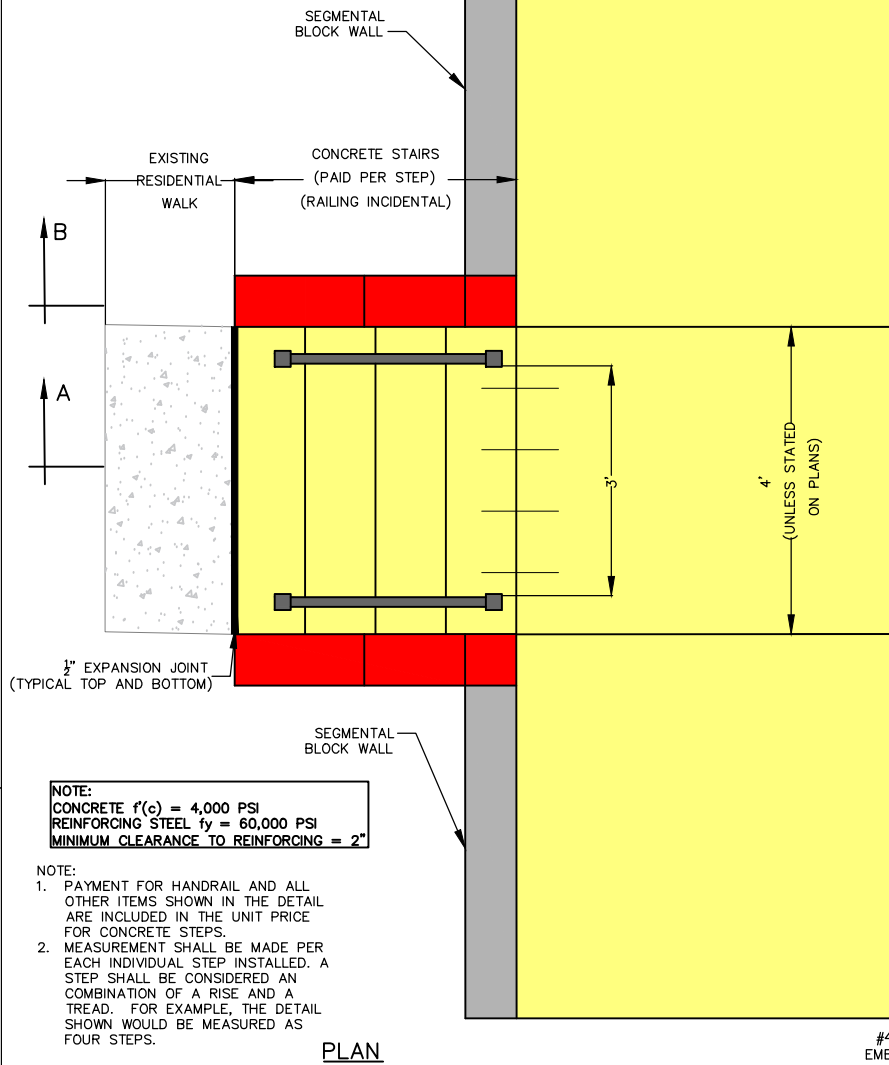
CONCRETE CHANNEL WITH LID
NO SCALE

SHOP DRAWINGS AND DESIGN CALCULATIONS SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF MISSOURI AND SHALL BE SUBMITTED FOR APPROVAL. WALL TO BE DESIGNED FOR APPLICABLE LIVE LOADS AND GLOBAL STABILITY



- NOTES:
1. RETAINING WALL SHALL BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
 2. ALL BACKFILL SHALL BE COMPACTED TO 95% OF THE STANDARD PROCTOR DENSITY.
 3. NO DIRECT PAYMENT WILL BE MADE FOR FILTER FABRIC, GRAVEL BACKFILL, DRAIN PIPE, GEOGRID OR ANY EXCAVATION (INCLUDING ROCK) REQUIRED BEHIND THE PROPOSED WALL AS THEY ARE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE WALL AND SHOULD BE INCLUDED IN THE UNIT PRICE FOR RETAINING WALL.

BLOCK RETAINING WALL
NO SCALE

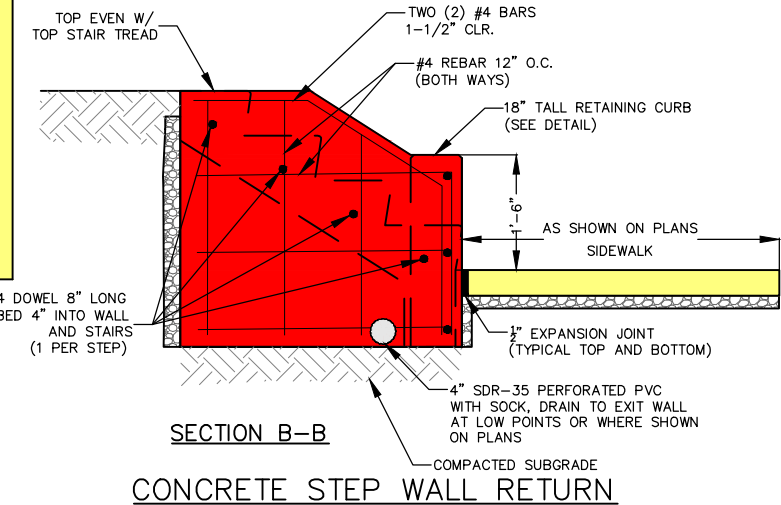
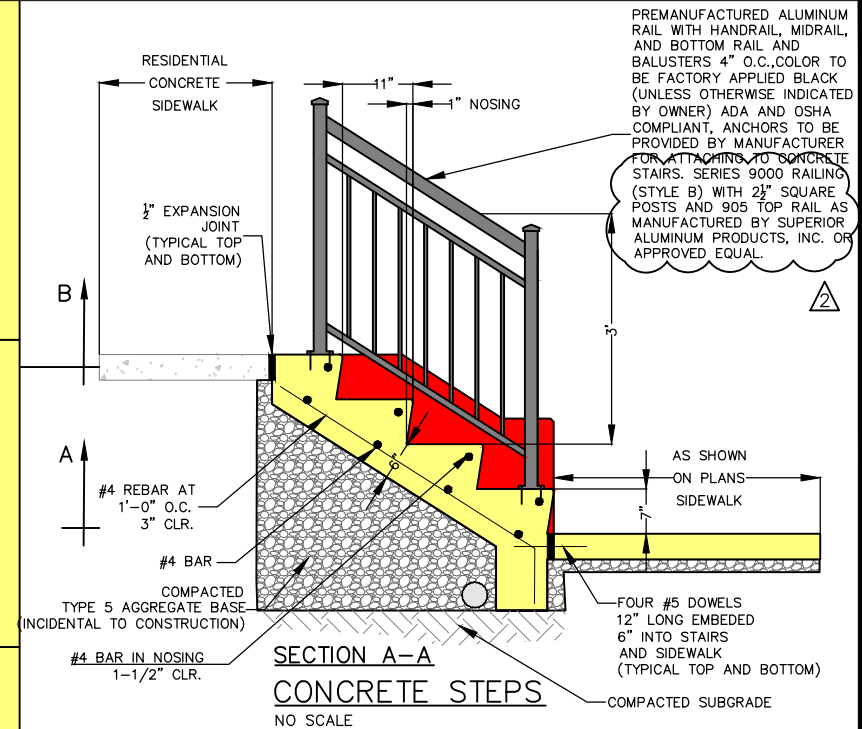


NOTE:
CONCRETE $f'(c) = 4,000$ PSI
REINFORCING STEEL $f_y = 60,000$ PSI
MINIMUM CLEARANCE TO REINFORCING = 2"

- NOTE:
1. PAYMENT FOR HANDRAIL AND ALL OTHER ITEMS SHOWN IN THE DETAIL ARE INCLUDED IN THE UNIT PRICE FOR CONCRETE STAIRS.
 2. MEASUREMENT SHALL BE MADE PER EACH INDIVIDUAL STEP INSTALLED. A STEP SHALL BE CONSIDERED AN COMBINATION OF A RISE AND A TREAD. FOR EXAMPLE, THE DETAIL SHOWN WOULD BE MEASURED AS FOUR STEPS.

PLAN

CONCRETE STAIRS WITH HANDRAILS
NO SCALE



PREMANUFACTURED ALUMINUM RAIL WITH HANDRAIL, MIDRAIL, AND BOTTOM RAIL AND BALUSTERS 4" O.C. COLOR TO BE FACTORY APPLIED BLACK (UNLESS OTHERWISE INDICATED BY OWNER) ADA AND OSHA COMPLIANT, ANCHORS TO BE PROVIDED BY MANUFACTURER FOR ATTACHING TO CONCRETE STAIRS. SERIES 9000 RAILING (STYLE B) WITH 2 1/2" SQUARE POSTS AND 905 TOP RAIL AS MANUFACTURED BY SUPERIOR ALUMINUM PRODUCTS, INC. OR APPROVED EQUAL.

417-595-4108 (tel.)
417-595-4109 (fax)
malleochraneng.com

COCHRAN

2804 North Baglio Street
Ozark, Missouri 65721

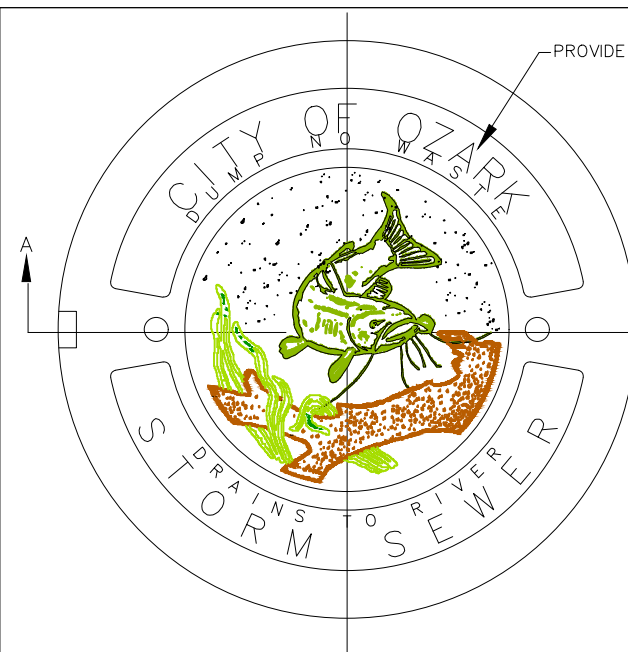
Missouri State Certificate of Authority Numbers:
Engineering : 2017032025

• Civil Engineering
• Land Surveying
• Architecture
• Site Development
• General Consulting
• Master Planning

Three working days prior to the start of any recordation or to the start of construction call 1-800-DIG-RITE for utility location information.

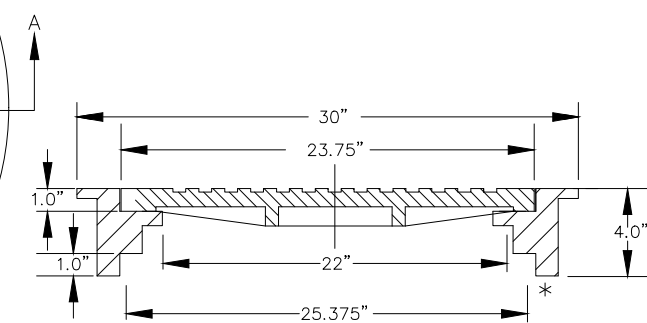
All OSHA rules & regulations established for the type of construction required by these plans shall be strictly followed (i.e. trenching, blasting, etc.).

DOWNTOWN STREET & SIDEWALK IMPROVEMENTS
CITY OF OZARK



PROVIDE LETTERING & SYMBOL

- NOTES:
1. DEETER 1157 MANHOLE RING AND SOLID COVER OR APPROVED EQUAL.
 2. COVERS WITH A SIMILIAR SYMBOL MAY BE SUBMITTED FOR APPROVAL
 3. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED .



*MANHOLE RING IS REVERSIBLE

RING AND COVER FOR STORM INLET,
STORM MANHOLE & JUNCTION BOX

DATE
12-19-2016

STM-10
REVISION
2

DATE	BY	REVISION
05-19-21	ADDENDUM NO. 2	
DATE	APPROVED BY	
APRIL 22, 2021	MJB	MHB
SCALE		
NO SCALE		
PROJ. NO.		
SW20-285		
DWG. NO.		

D-11