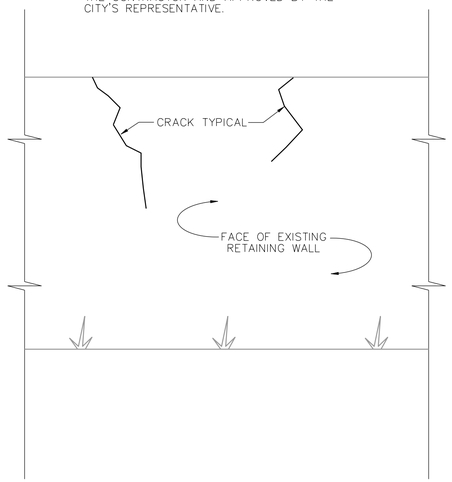
NOTE

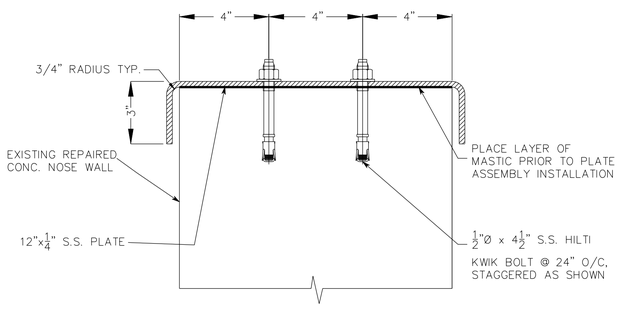
REPAIR CRACKS AS DIRECTED BY THE CITY'S REPRESENTATIVE WITH EPOXY INJECTION METHOD. ALTERNATE METHODS MAY BE AS PROPOSED BY THE CONTRACTOR AND APPROVED BY THE CITY'S REPRESENTATIVE.



CRACK REPAIR DETAIL

4' 2' 0 4'

GRAPHIC SCALE



NOTES

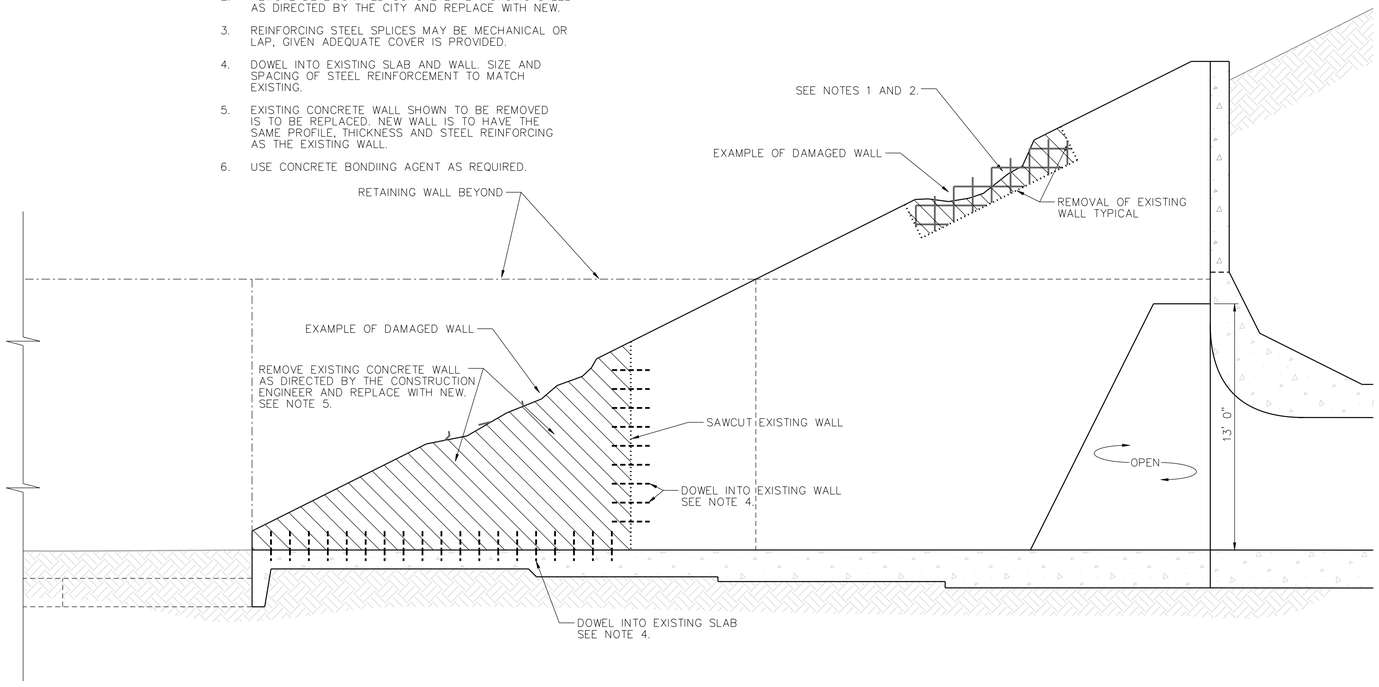
1 ALL STEEL COMPONENTS TO BE STAINLESS STEEL SUPPLIED IN ACCORDANCE WITH ASTM A304.
2 SHOP FABRICATE BENT PLATE AND SUPPLY IN MAXIMUM OF 10'-0" LENGTHS.

TYPICAL NOSE WALL ARMOR DETAIL

NOT TO SCALE

NOTES

1. REMOVE DETERIORATED CONCRETE. AS DIRECTED BY THE CITY'S REPRESENTATIVE AND REPLACE WITH NEW. REMOVAL MAY BE BY CUTTING OR IMPACT METHODS ONLY.
2. REMOVE DETERIORATED CONCRETE REINFORCING STEEL AS DIRECTED BY THE CITY AND REPLACE WITH NEW.
3. REINFORCING STEEL SPLICES MAY BE MECHANICAL OR LAP, GIVEN ADEQUATE COVER IS PROVIDED.
4. DOWEL INTO EXISTING SLAB AND WALL. SIZE AND SPACING OF STEEL REINFORCEMENT TO MATCH EXISTING.
5. EXISTING CONCRETE WALL SHOWN TO BE REMOVED IS TO BE REPLACED. NEW WALL IS TO HAVE THE SAME PROFILE, THICKNESS AND STEEL REINFORCING AS THE EXISTING WALL.
6. USE CONCRETE BONDIING AGENT AS REQUIRED.

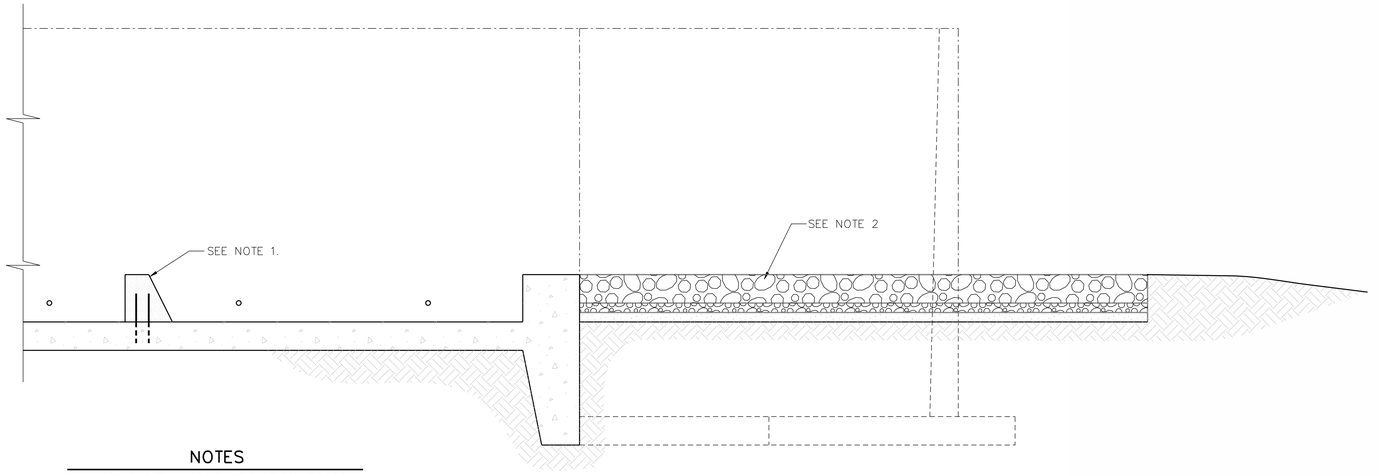


SECTION D-D

TYPICAL NOSE WALL

4' 2' 0 4'

GRAPHIC SCALE



NOTES

1. REMOVE DAMAGED ENERGY DISSAPATORS (ENTIRELY) WHERE DIRECTED BY THE CITY'S REPRESENTATIVE. REPLACE WITH NEW TO MATCH EXISTING. SEE SHEET S2.04 FOR ADDITIONAL INFORMATION.
2. REPAIR DOWNSTREAM RIPRAP AS REQUIRED.

SECTION E-E

TYPICAL ENERGY DISSIPATOR

4' 2' 0 4'

GRAPHIC SCALE

MARK	DESCRIPTION	DATE	APPR.

amec

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CITY OF WICHITA

Diversion Structure Rehabilitation Improvements For the WICHITA-VALLEY CENTER LOCAL FLOOD PROTECTION PROJECT
WICHITA, KANSAS

PREPARED FOR
THE CITY OF WICHITA, KANSAS
455 N. Main
Wichita, KS 67202

DON W. DOTSON LICENSED 19964 KANSAS PROFESSIONAL ENGINEER 1-12

DESIGNED BY: DON DOTSON, P.E.		DATE: 2012/JAN/16
DWN BY: Staff	CKD BY: CJR	APP BY: LJS
FILE NAME: 12_STRUCTURE SECTIONS AND DETAILS.dgn		

AMEC PROJ. NO. 5-6150-0001

CONTROL STRUCTURE SECTIONS AND DETAILS

S2.02

SHEET 12 OF 17