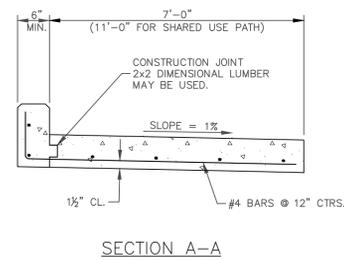
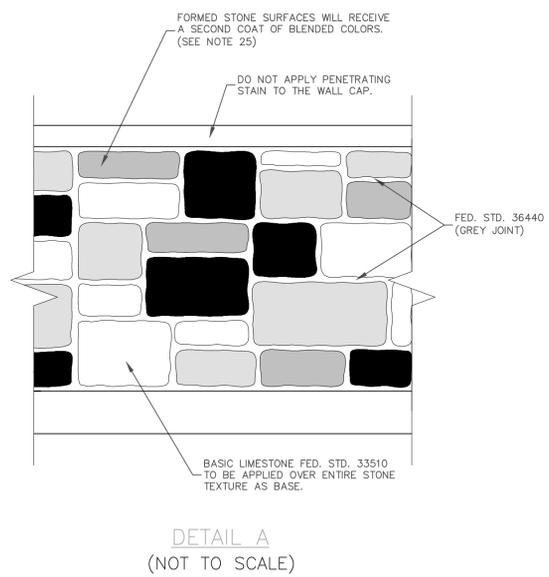
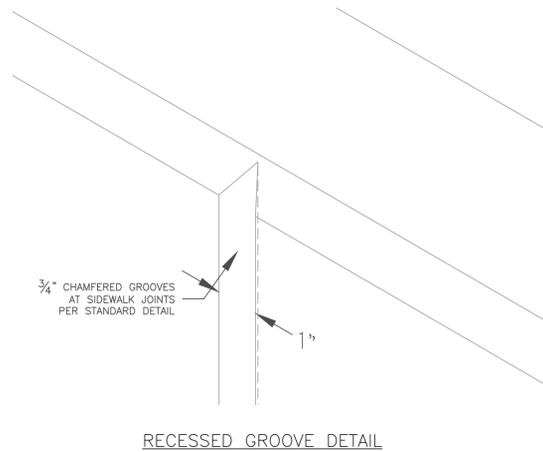
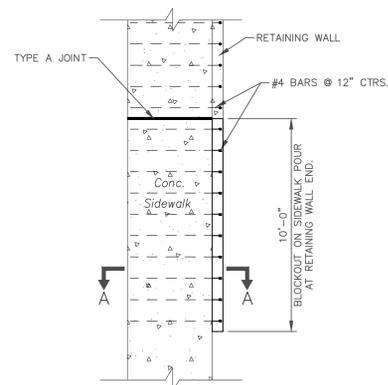


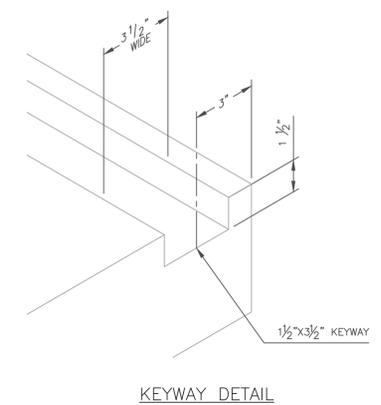
**JOINT DETAILS**  
(NOT TO SCALE)



**END OF SIDEWALK RETAINING WALL BLOCKOUT DETAIL**  
(NOT TO SCALE)



**RECESSED GROOVE DETAIL**



**KEYWAY DETAIL**

**INTEGRAL SIDEWALK AND RETAINING WALL**

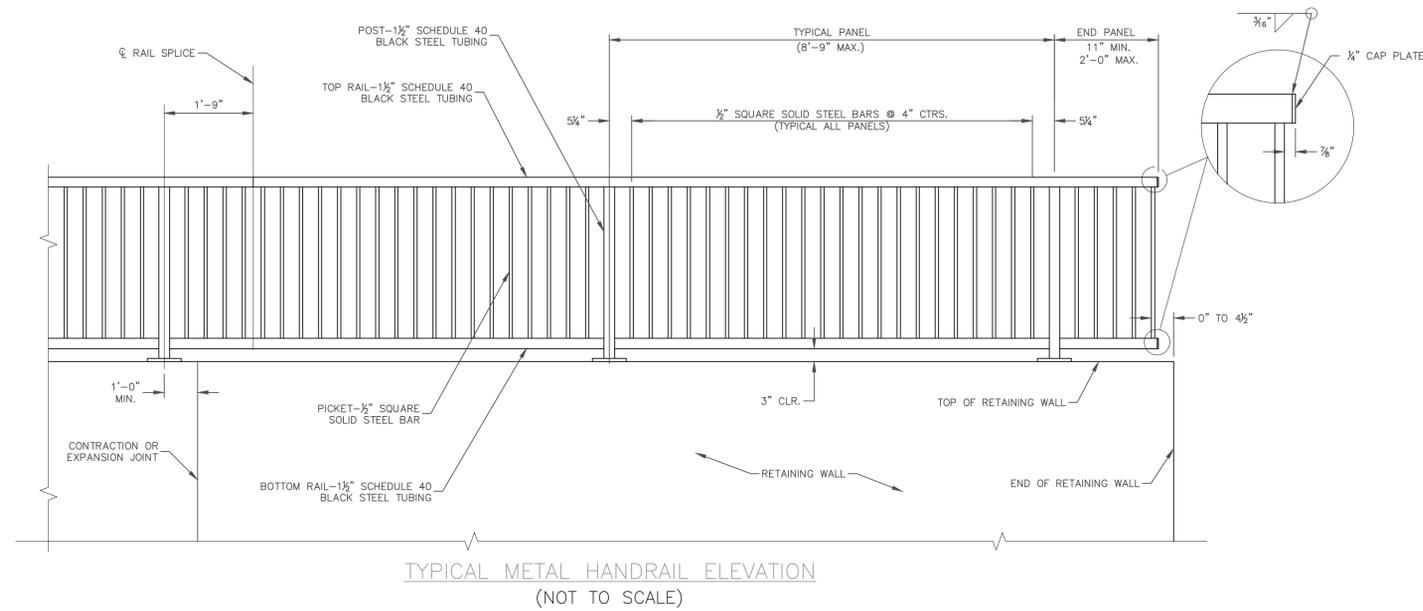
2026 EDITION SHEET \_\_\_\_ OF \_\_\_\_

DATE	BY	REVISION
04-01-26	LJM	REPLACES ALL PREVIOUS VERSIONS OF INTEGRAL SIDEWALK RETAINING WALL
04-01-28	LJM	NEW DETAIL

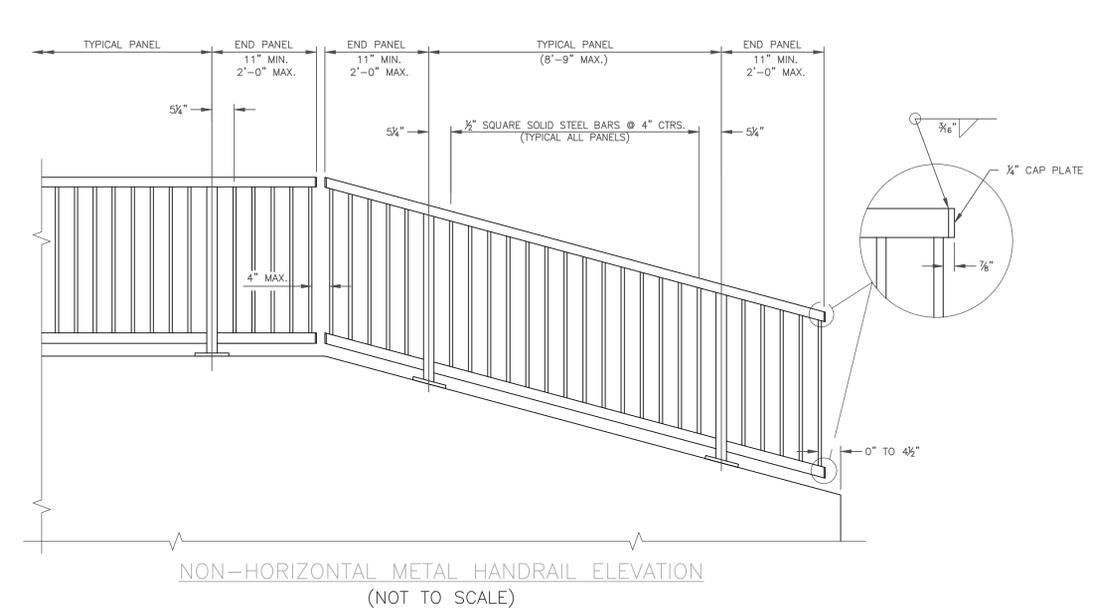


STANDARD DETAILS FOR  
INTEGRAL SIDEWALK RETAINING WALL

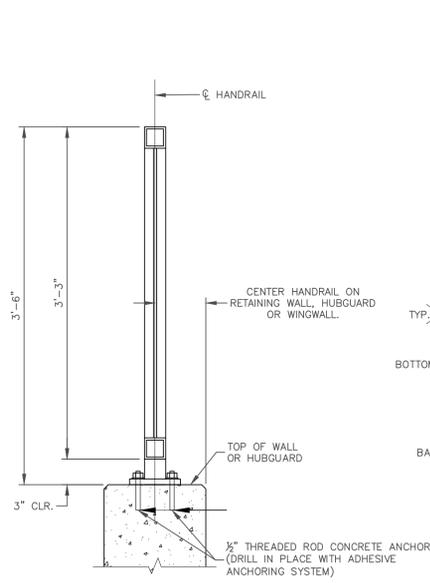
DAVID P. CRONIN CITY ENGINEER CRAIG S. OWENS CITY MANAGER



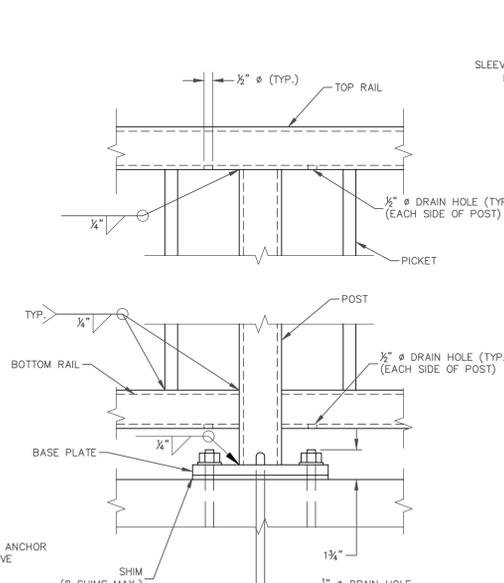
TYPICAL METAL HANDRAIL ELEVATION  
(NOT TO SCALE)



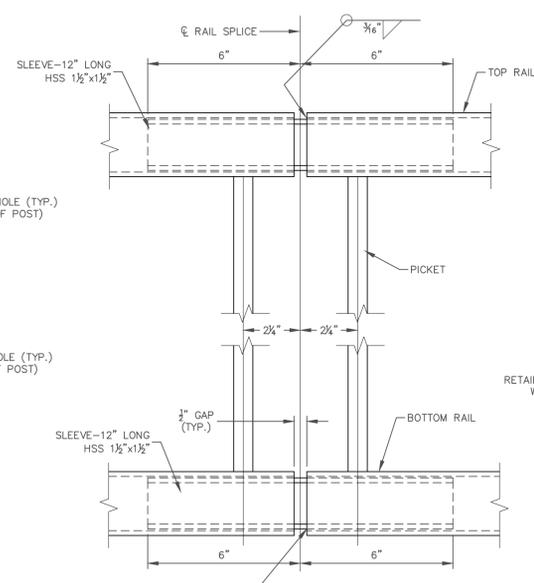
NON-HORIZONTAL METAL HANDRAIL ELEVATION  
(NOT TO SCALE)



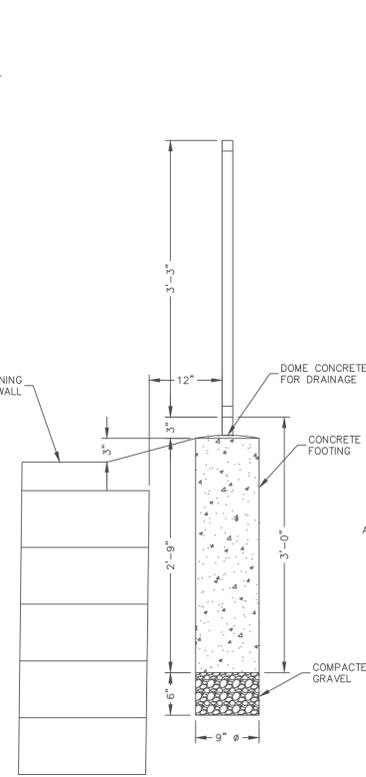
SECTION THRU RAIL



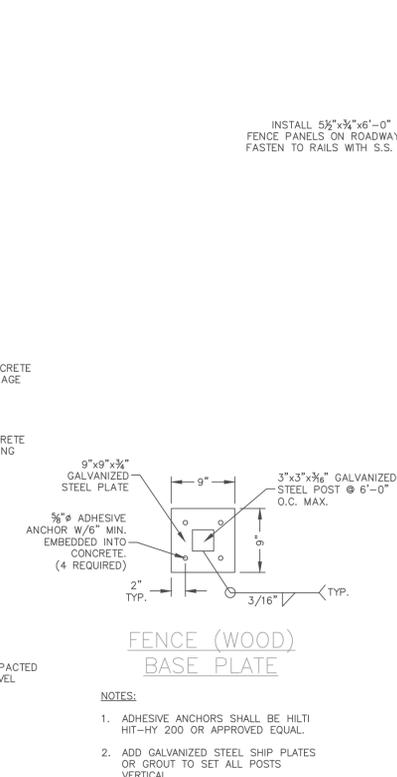
POST DETAIL



RAIL SPLICE DETAIL  
(NOT TO SCALE)



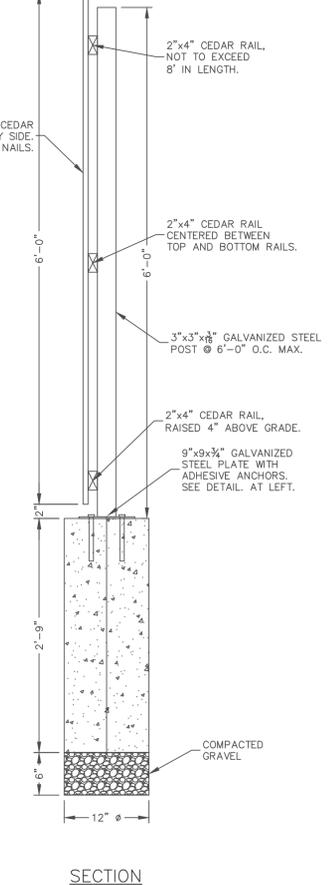
FOR PLACEMENT BEHIND  
MODULAR BLOCK WALL



FENCE (WOOD)  
BASE PLATE

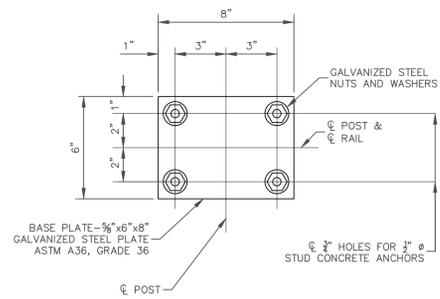
NOTES:

- ADHESIVE ANCHORS SHALL BE HILTI HIT-HY 200 OR APPROVED EQUAL.
- ADD GALVANIZED STEEL SHIP PLATES OR GROUT TO SET ALL POSTS VERTICAL.

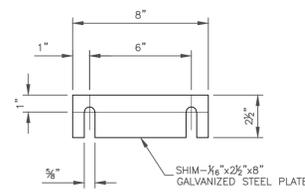


SECTION

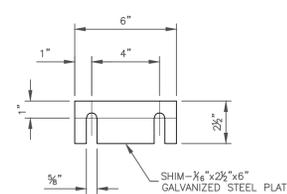
- HANDRAIL GENERAL NOTES:
- LAWRENCE, KANSAS MUNICIPAL CODE AND DESIGN CRITERIA ARE INCORPORATED, EXCEPT AS OTHERWISE NOTED.
  - GALVANIZE ALL RAIL, RAIL SPLICES, POSTS, PICKETS, SHIMS AND BASE PLATES AFTER FABRICATION IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A123. NO FIELD GALVANIZING WILL BE ALLOWED. HANDRAILS SHALL BE PROTECTED FROM ANY DAMAGE TO THE GALVANIZED SURFACES. HANDRAILS DELIVERED TO THE JOB SITE WITH DAMAGED GALVANIZING SHALL BE RETURNED TO THE MANUFACTURER TO BE RE-GALVANIZED.
  - SET RAILS PARALLEL TO THE TOP OF THE WALL. SET POSTS AND PICKETS VERTICAL IN BOTH PLANES OF THE HANDRAIL. TOP OF HANDRAIL ELEVATIONS TO MATCH AT HUBGUARD-WINGWALL INTERFACE. SHIMS MAY BE USED BETWEEN CONCRETE AND BASE PLATE OF STEEL POST (1/2\"/>



BASE PLATE DETAIL



8" SHIM DETAIL



6" SHIM DETAIL

WOOD PRIVACY FENCE DETAILS

2026 EDITION SHEET \_\_\_\_ OF \_\_\_\_

DATE	BY	REVISION
04-01-26	LJM	REPLACES ALL PREVIOUS VERSIONS OF METAL HANDRAILS AND WOOD FENCE
04-01-28	LJM	NEW DETAIL



STANDARD DETAILS FOR  
METAL HANDRAILS AND WOOD FENCE

3 OF 3

DAVID P. CRONIN CITY ENGINEER CRAIG S. OWENS CITY MANAGER