

NOTES:  
 - HOT DIPPED GALVANIZED STEEL FRAME  
 (PRODUCT No. 785, BY FIX-ALL IRON).

(D7) GUARD RAIL  
 (2/3) NOT TO SCALE

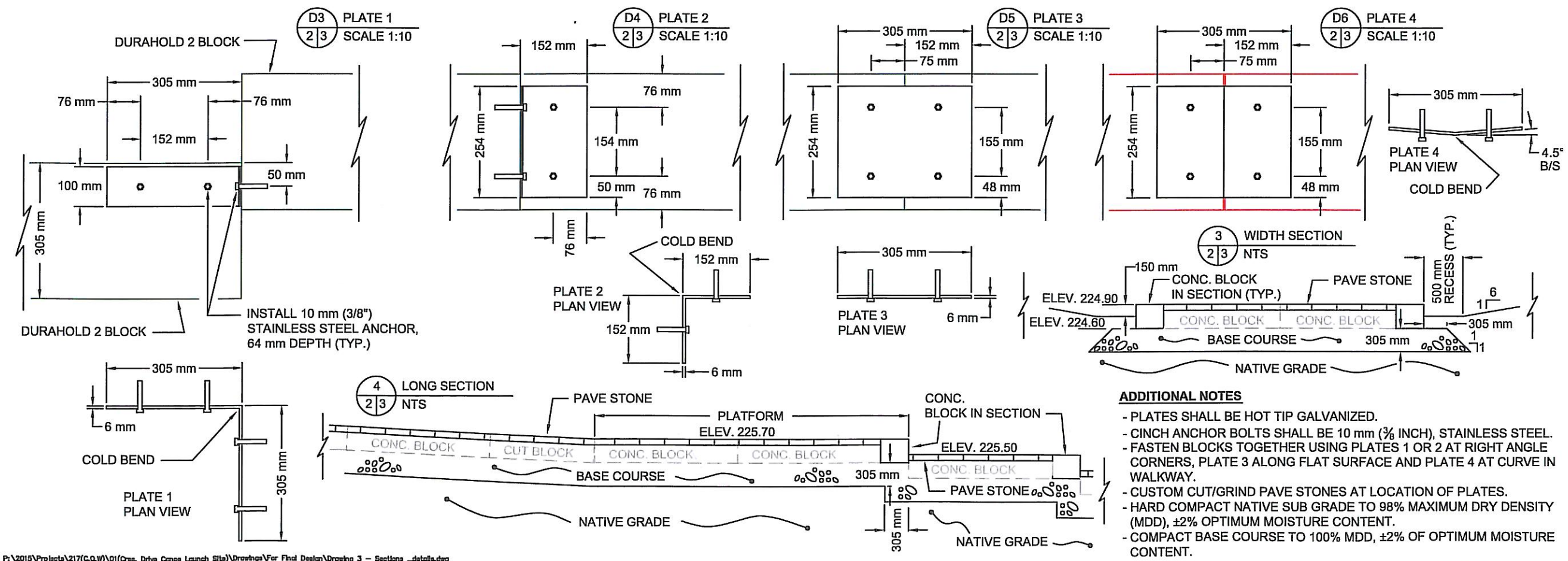
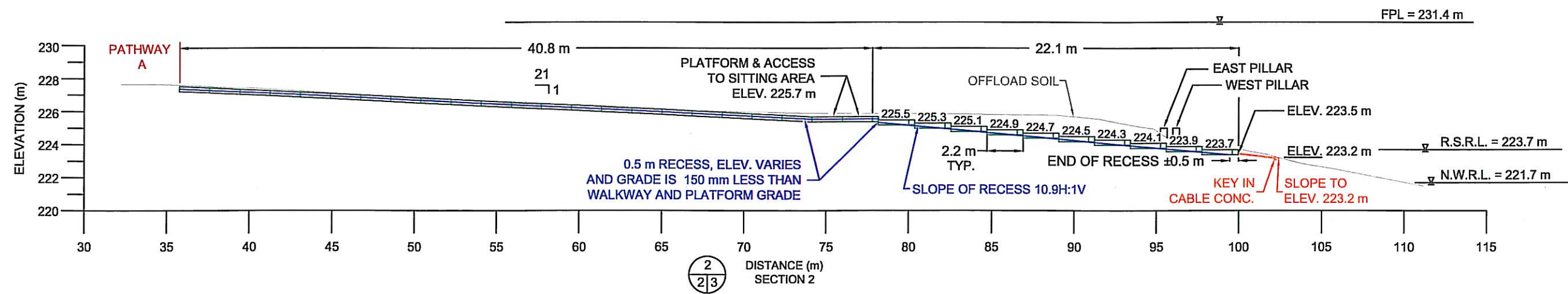
**LEGEND**

SECTION/DETAIL No.  
 SECTION / DETAIL PAGE LOCATION  
 SECTION / DETAIL PAGE REFERENCE

DURA HOLD II (LxWxH)  
 (1.83m x 0.355m x 0.305m)

**NOTES**

- ALL ELEVATIONS AND DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
- PILLARS IN CROSS SECTION ARE PROJECTED.
- CONCRETE IS ABBREVIATED CONC.
- SLOPE ANALYSIS COMPLETED USING GROUND WATER LEVEL EQUAL TO 223.6 m AND A RIVER LEVEL EQUAL TO 221.7 m.
- FIRST FACTOR OF SAFETY (FS) VALUE INDICATES EXISTING CONDITIONS AND SECOND VALUE INDICATES AFTER OFFLOADING.
- MOST RECENT VERSION OF CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS SHALL BE USED.
- BASE COURSE SHALL MEET SPECIFICATIONS FOR CRUSHED LIMESTONE CW 3110.



**ADDITIONAL NOTES**

- PLATES SHALL BE HOT TIP GALVANIZED.
- CINCH ANCHOR BOLTS SHALL BE 10 mm (3/8 INCH), STAINLESS STEEL.
- FASTEN BLOCKS TOGETHER USING PLATES 1 OR 2 AT RIGHT ANGLE CORNERS, PLATE 3 ALONG FLAT SURFACE AND PLATE 4 AT CURVE IN WALKWAY.
- CUSTOM CUT/GRIND PAVE STONES AT LOCATION OF PLATES.
- HARD COMPACT NATIVE SUB GRADE TO 98% MAXIMUM DRY DENSITY (MDD), ±2% OPTIMUM MOISTURE CONTENT.
- COMPACT BASE COURSE TO 100% MDD, ±2% OF OPTIMUM MOISTURE CONTENT.

No.	DATE	ISSUE /REVISION
0	Sept 2015	Tender/ Construction

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**ENG-TECH**  
 CONSULTING LIMITED

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 C.D. HRYHORUK  
 PROFESSIONAL ENGINEER

**APECM**  
 Certificate of Authorization  
 No. 2475 Expiry: April 30, 2016

CLIENT:  
 CITY OF WINNIPEG

PROJECT:  
 CRESCENT DRIVE,  
 PROPOSED CANOE LAUNCH SITE,  
 WINNIPEG, MANITOBA

DWG DESCRIPTION:  
 CROSS SECTION AND DETAILS

SCALE:  
 AS SHOWN

DRAWN BY:  
 ERM

DATE:  
 SEPTEMBER 2015

FILE No.:  
 15-217-01

CLIENT DWG/FIG. No.:

ENG-TECH DWG/FIG. No.:  
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