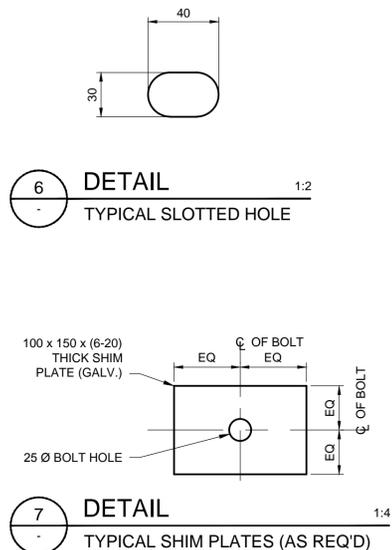
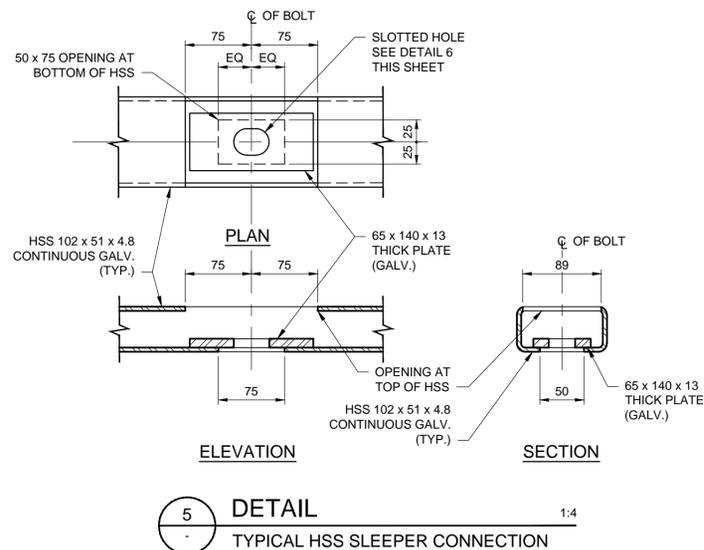
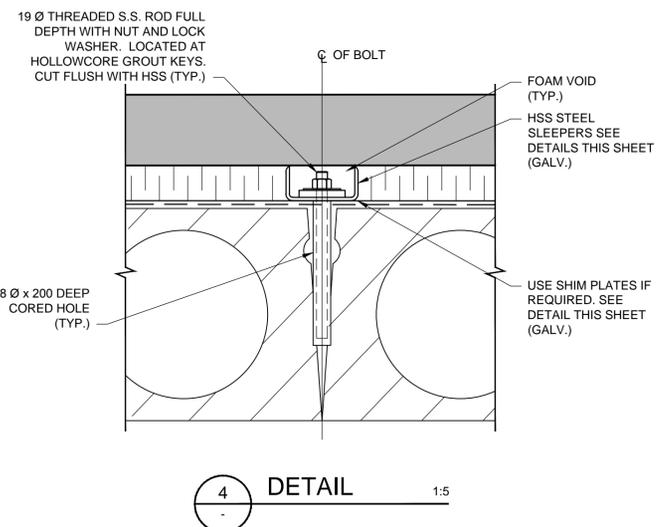
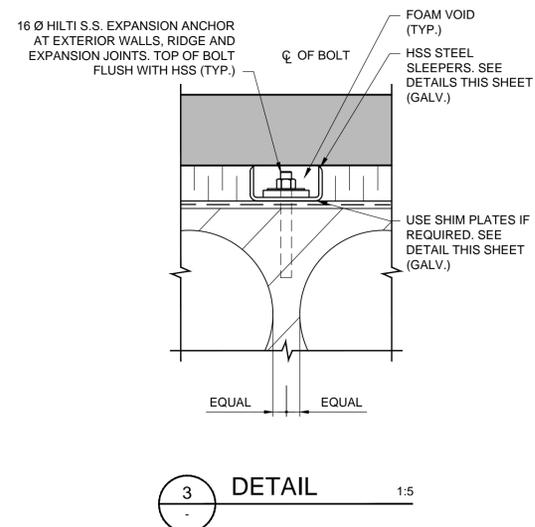
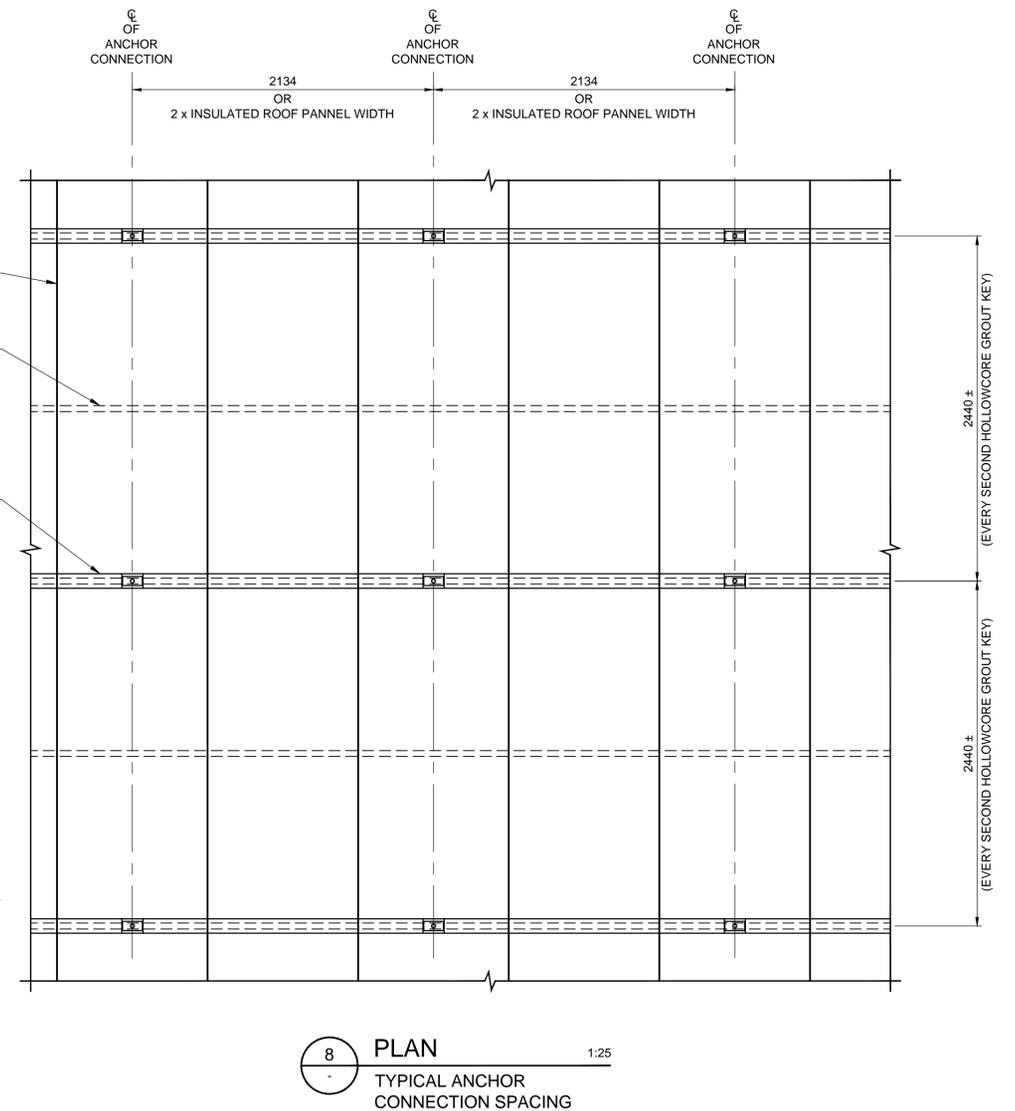


- NOTE:
1. SURVEY ACCESS POINTS SHALL BE LOCATED AT OR NEAR EACH COLUMN LOCATION.
 2. ALL SURVEY ACCESS CONDUITS SHALL BE WATERTIGHT AND THE TOP SHALL BE REMOVABLE TO ALLOW ACCESS TO SURVEY THE TOP OF THE ROOF STRUCTURE.
 3. SURVEY ACCESS POINTS SHALL NOT BE LOCATED AT A PANEL SEAM OR AT THE PANEL SUPPORTS.
 4. ALL ROOF PANEL SEAMS SHALL BE CONTINUOUS.
 5. CONTRACTOR SHALL NOT DAMAGE THE EPDM BONDED MEMBRANE WHEN INSTALLING THE SURVEY ACCESS POINTS.



- NOTES:
1. ANCHOR CONNECTIONS FOR STEEL SLEEPERS SHALL BE SPACED AT A MAXIMUM DISTANCE OF 2134 mm OR TWO TIMES THE ROOF PANEL WIDTH WHICH EVER IS LESS.
 2. MAXIMUM SLEEPER LENGTH SHALL BE 6096 mm AND SHALL TERMINATE AT AN ANCHOR CONNECTION LOCATION. ALLOW A 3 mm GAP AT THE ENDS OF ADJACENT SLEEPERS.



METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



LOCATION APPROVED UNDERGROUND STRUCTURES		B.M. ELEV.
N/A		CONSTRUCTION COMPLETION DATE:
SUPV. U/G STRUCTURES COMMITTEE	DATE	
NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		

CHECKED BY	FAK
APPROVED BY	SSR
DESIGNED BY	NC
DRAWN BY	TLK
SCALE:	AS NOTED
HORIZONTAL	AS NOTED
VERTICAL	AS NOTED
1 ISSUED FOR TENDER	2015 11 20
NO.	REVISIONS
DATE	BY
DATE	DATE

RELEASED FOR CONSTRUCTION	DATE
CONSULTANT DRAWING NUMBER	14-1411-B-107
SHEET	44 OF 47
CITY DRAWING NUMBER	1-0650R-B0005-003



ENGINEER'S SEAL	
DATE	2015 11 20

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WILKES RESERVOIR NORTH CELL REHABILITATION
ROOF AND WALL ENVELOPE
SECTIONS AND DETAILS
SHEET 3 OF 3