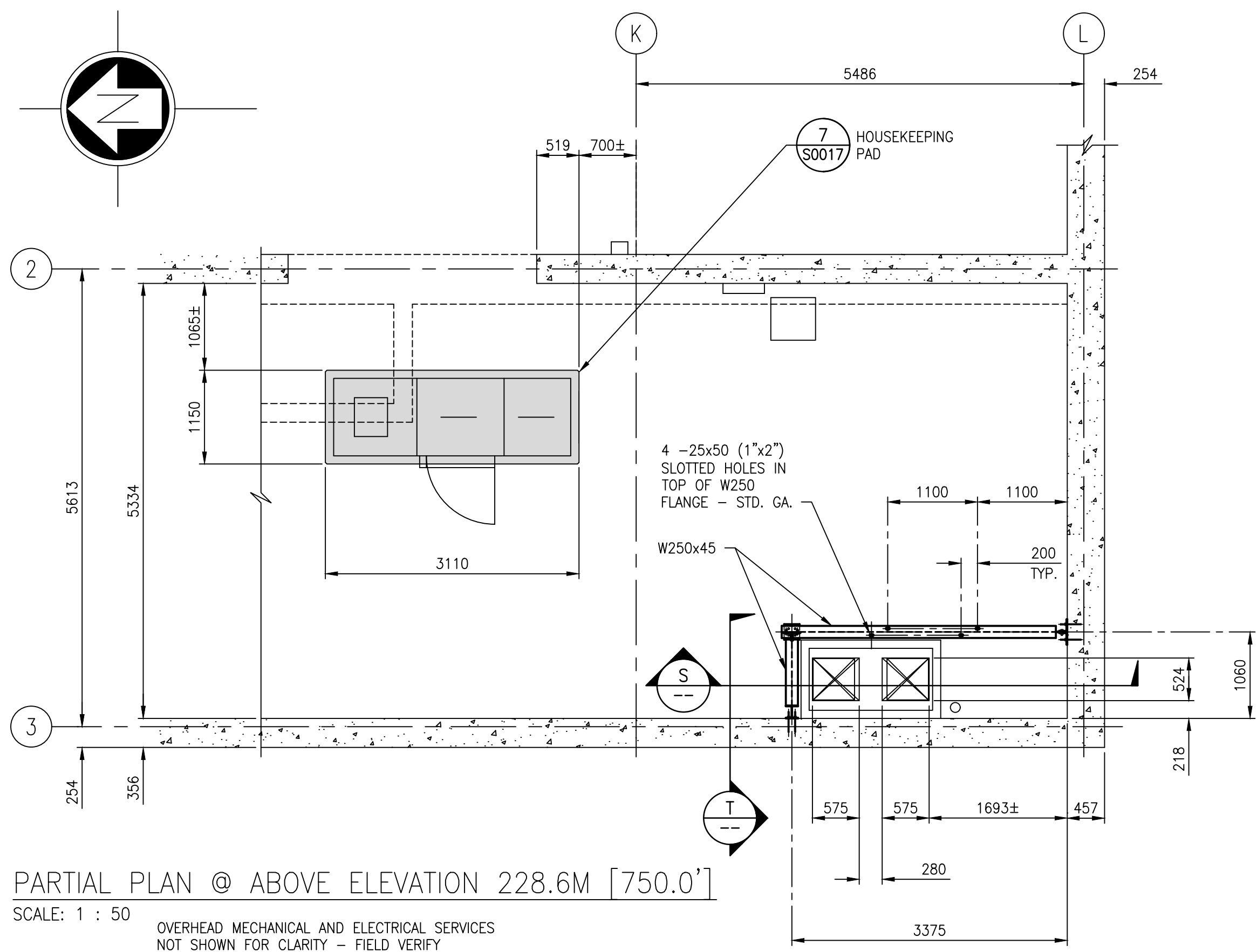


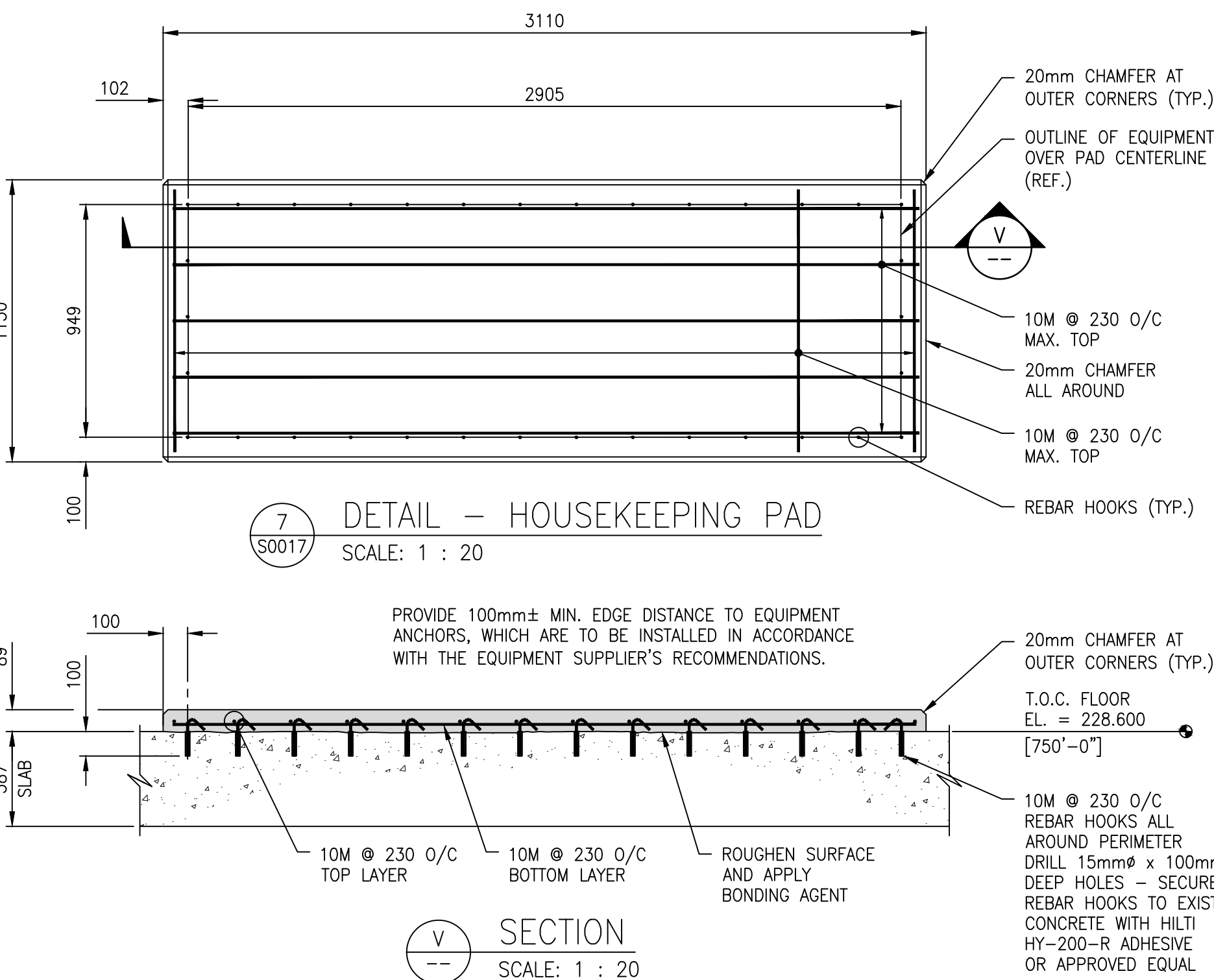
A1 SIZE - 594mm x 841mm



PARTIAL PLAN @ ABOVE ELEVATION 228.6M [750.0']

SCALE: 1 : 50

OVERHEAD MECHANICAL AND ELECTRICAL SERVICES
NOT SHOWN FOR CLARITY - FIELD VERIFY



DETAIL - HOUSEKEEPING PAD

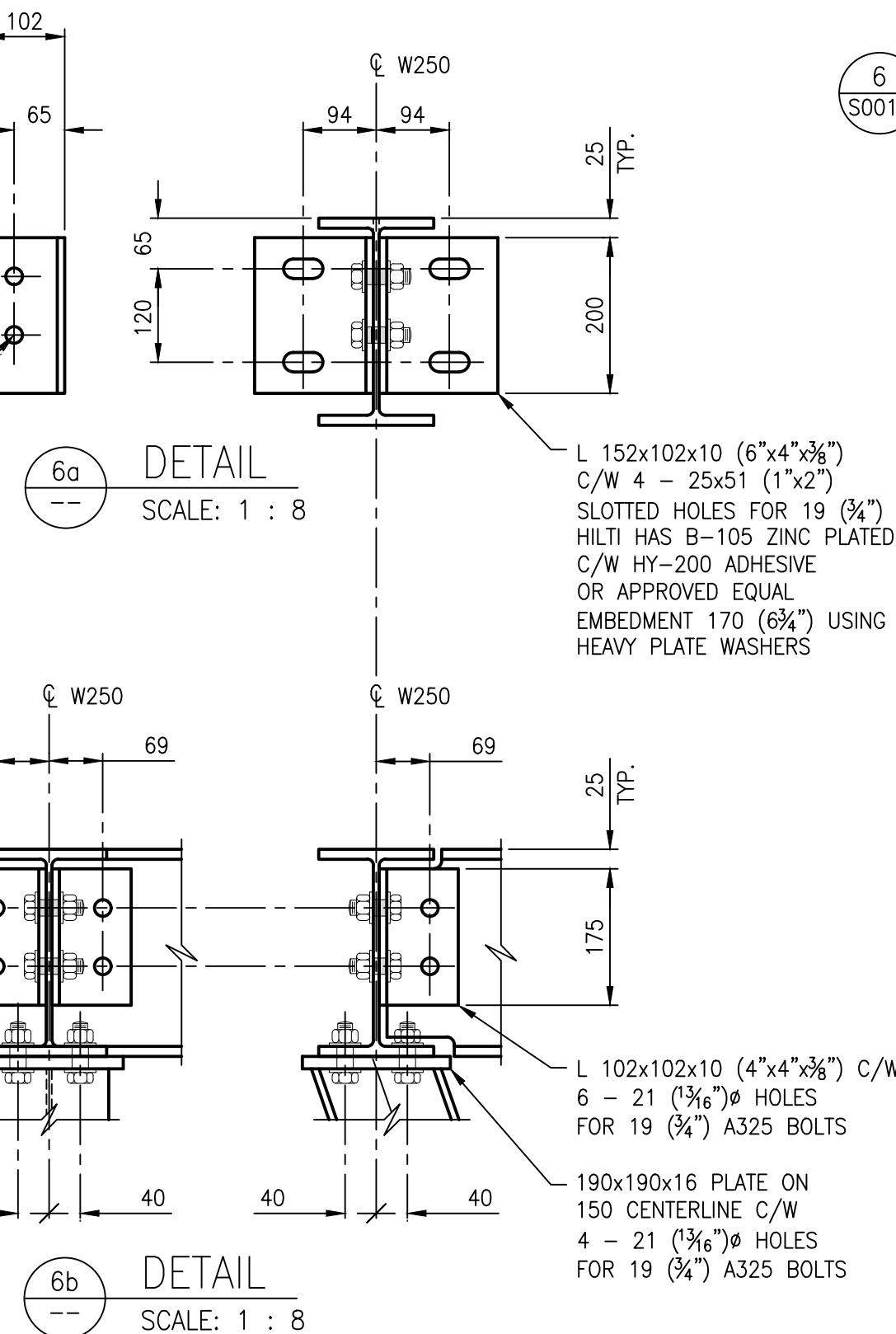
SCALE: 1 : 20

SECTION
SCALE: 1 : 20

SECTION
SCALE: 1 : 30

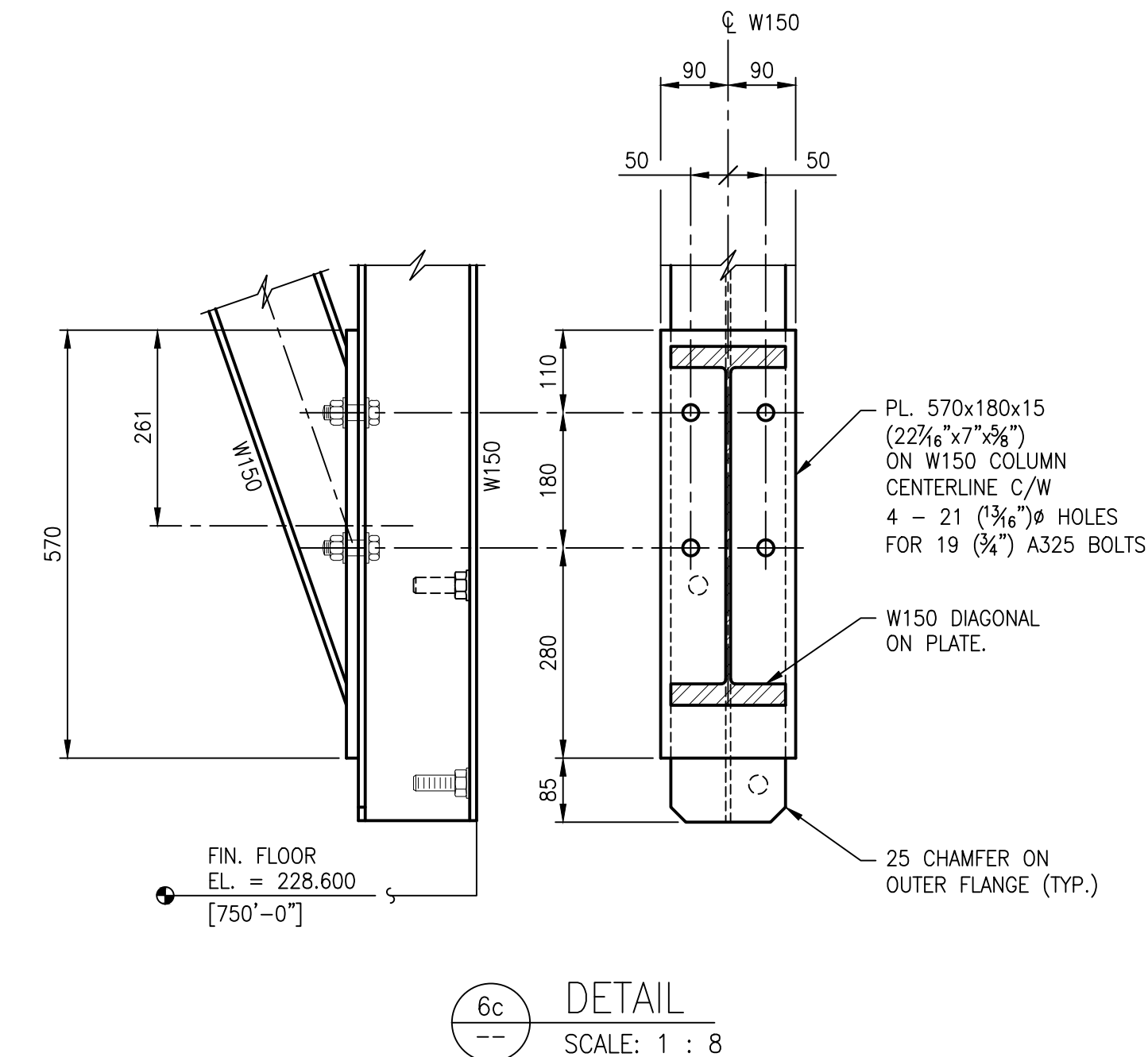
SECTION
SCALE: 1 : 30

SECTION
SCALE: 1 : 30

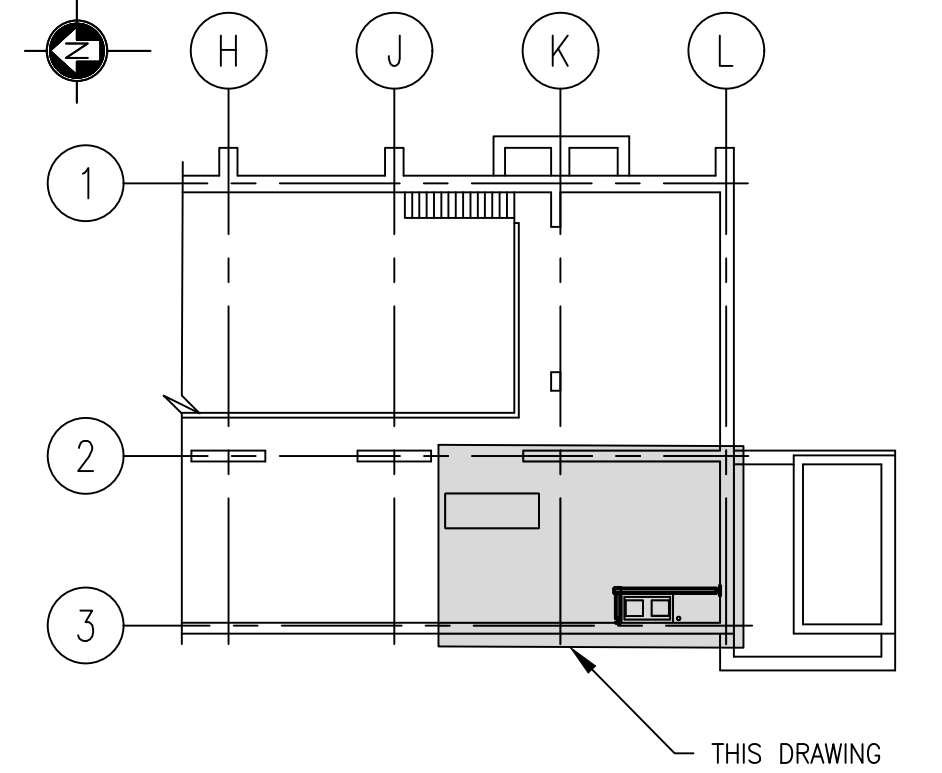


DETAIL - FLOOR OPENING FRAMING

SCALE: 1 : 50



DETAIL
SCALE: 1 : 8



PARTIAL KEY PLAN @
ABOVE ELEVATION 228.6M [750.0']
SCALE: 1 : 250

REF. DRAWING ME-11 & ME-12

NOTES:

- SEE DRAWING 1-0630M-S0010-001 & 1-0630M-S0010-002 FOR GENERAL NOTES.

HOUSE KEEPING PAD NOTES:

DESIGN LOAD:

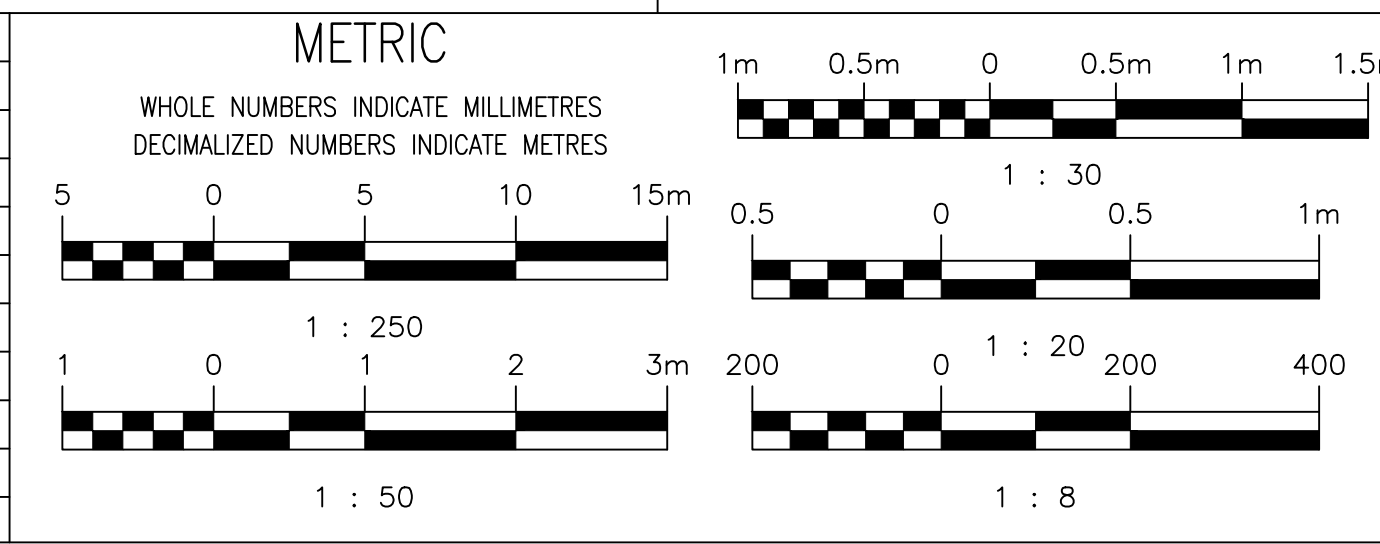
- THE HOUSEKEEPING PAD SHOWN IS NOT STRUCTURAL. THE SUPPORTING STRUCTURE UPON WHICH THE HOUSEKEEPING PAD IS INSTALLED SHALL BE CAPABLE OF SUPPORTING ALL LOADS AND DYNAMIC EFFECTS.
- THE HOUSEKEEPING PAD HAS NOT BEEN DESIGNED FOR CORROSIVE ENVIRONMENTS.

CONCRETE:

- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO CSA STANDARD CSA A23.1 AND CSA A23.2 INCLUDING HEATING/HOARDING AND REQUIREMENTS FOR COLD WEATHER CONCRETING.
- CONCRETE SHALL BE READY MIXED, CONFORMING TO CSA A23.1 (ALTERNATIVE 1), AND AS NOTED HEREIN:
CEMENT TYPE: GU
CONCRETE COMPRESSIVE STRENGTH @ 28 DAYS: 30 MPa
MAXIMUM AGGREGATE SIZE: 20mm
MAXIMUM SLUMP: 100mm
AIR CONTENT: 0% TO 3%
W/C RATIO: 0.45 MAXIMUM
- REINFORCING STEEL SHALL BE NEW BILLET GRADE STEEL MEETING THE REQUIREMENT OF CSA G30.18, GRADE 400.
- SUPPORT REINFORCING STEEL ON SUFFICIENT SUPPORT CHAIRS TO MAINTAIN CONCRETE COVER OF 50mm.
- REMOVE ALL LOOSE AND DELETERIOUS MATERIAL FROM REINFORCING STEEL.
- TOLERANCES SHALL BE AS STIPULATED IN ACI 315.
- SATURATE THE CONCRETE SURFACE FOR ONE HOUR PRIOR TO APPLYING THE BONDED CONCRETE TOPPING. PROVIDE A SATURATED SURFACE DRY CONDITION.
- APPLY LATEX BONDING AGENT IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS. BONDING AGENT TO BE DARAWELD 'C'.
- PROVIDE A WET 'BURLAP' CURE FOR 7 DAYS MIN.
- EXPOSED CONCRETE SHALL BE SEALED WITH MEADOWS SEALTIGHT CS-309.
- ALL WORK TO BE EXECUTED IN A NEAT WORKMANLIKE MANNER.

LAST SAVE: 2025/04/29 - 12:53pm
PATH: C:\Users\jickab\pdfs\1-0630M-S0017-001-00.dwg

DRAWING NUMBER	REFERENCE DRAWINGS
ME-26	PUMPING STATION MECHANICAL - SECTIONS
ME-24	PLANS ABOVE ELEVATION 222.5 [730.00'], 228.6 [750.00'] & 228.6 [750.00']
ME-19	PLANS ABOVE ELEVATION 225.5 [740.00'] & 228.6 [750.00']
ME-12	PLAN ABOVE ELEVATION 228.6 [750.00'] SHEET 2
ME-11	PLAN ABOVE ELEVATION 228.6 [750.00'] SHEET 1



**ENGINEERS
GEO-SCIENTISTS
MANITOBA**
Certificate of Authorization
AtkinsRéalis Canada Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER AND CONSTRUCTION	2025/04/30	KK	FM

AtkinsRéalis 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7	
DESIGNED BY: K. KOTYK	CHECKED BY: F. MARSHALL
DRAWN BY: B. DICKSON	APPROVED BY: V. ELIMBAN
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION BY: M. SKINNER
DATE: 2023-04-24	DATE: 2025/04/30
CONSULTANT NO.: 694715	

ENGINEER'S SEAL

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT			
MACLEAN PUMPING STATION CHLORINE SYSTEM UPGRADE STRUCTURAL EQUIPMENT PAD AND FLOOR OPENING PLAN, SECTIONS, DETAILS AND NOTES			
CITY DRAWING NUMBER 1-0630M-S0017	SHEET 001	REV. 00	SIZE A1

1-0630M-S0017-001-00.dwg