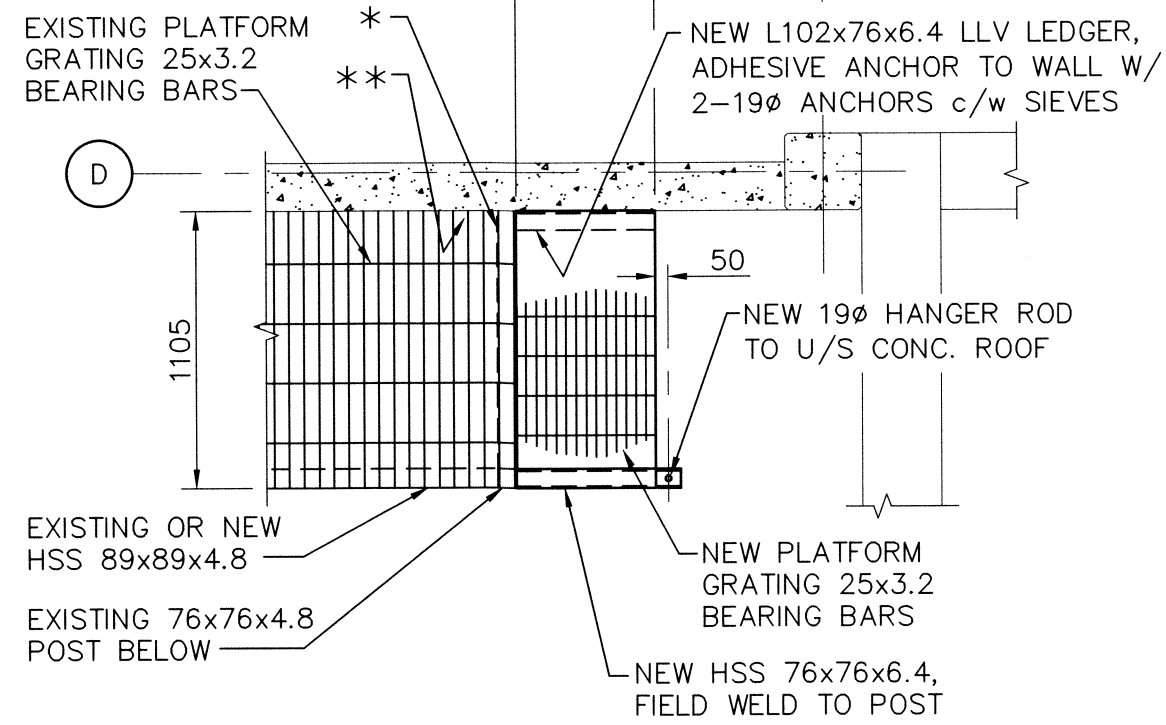


* ADD NEW HSS 76x76x6.4, BEAM UNDER EXISTING END OF PLATFORM. FIELD WELD TO POST AND FASTEN OPPOSITE END TO WALL W/ 2-19Ø ADHESIVE ANCHORS. ENSURE SOLID BEARING TO EXISTING PLATFORM MEMBER.

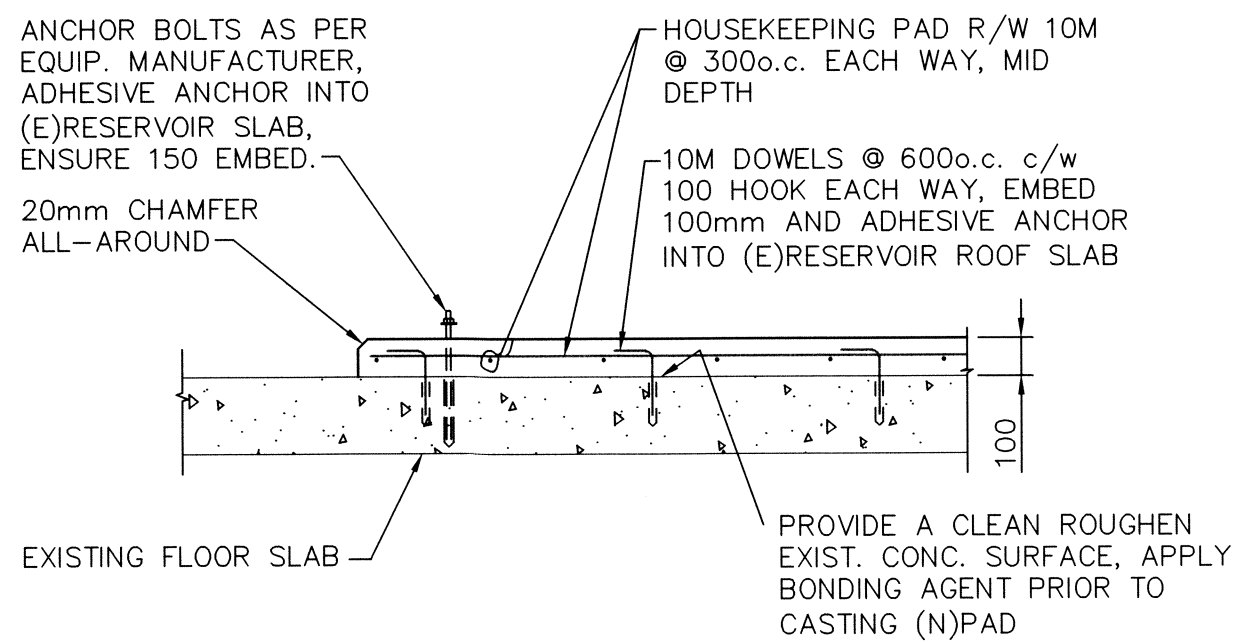
** FIELD CONFIRM EXISTING LEDGER ANGLE IS ADHESIVE ANCHORED TO WALL WITH ANCHORS AT 400c.c.



HX-1 PLATFORM SUPPORT

SCALE: 1:30

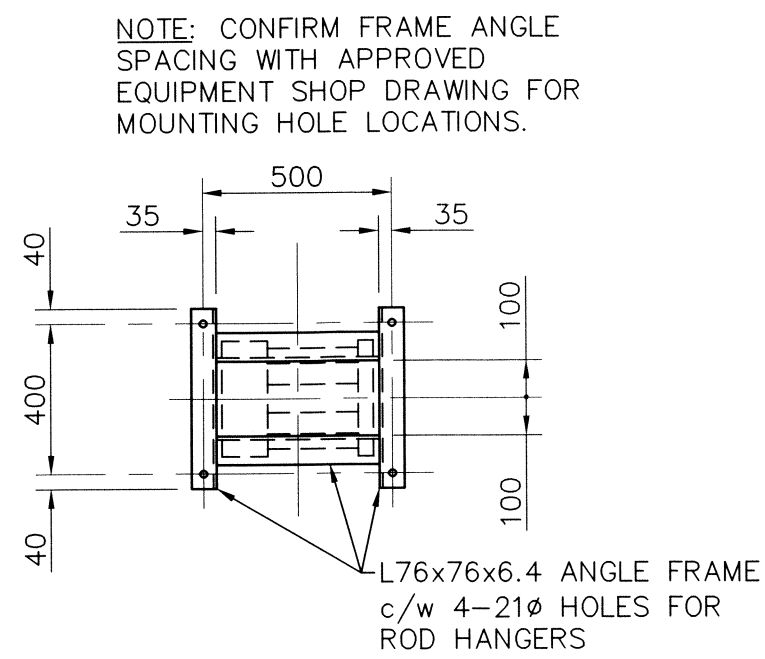
NOTE: SEE HOUSEKEEPING PAD SCHEDULE FOR SIZES. CONFIRM SIZES WITH APPROVED MECHANICAL EQUIPMENT SHOP DRAWINGS.



TYPICAL HOUSEKEEPING PAD

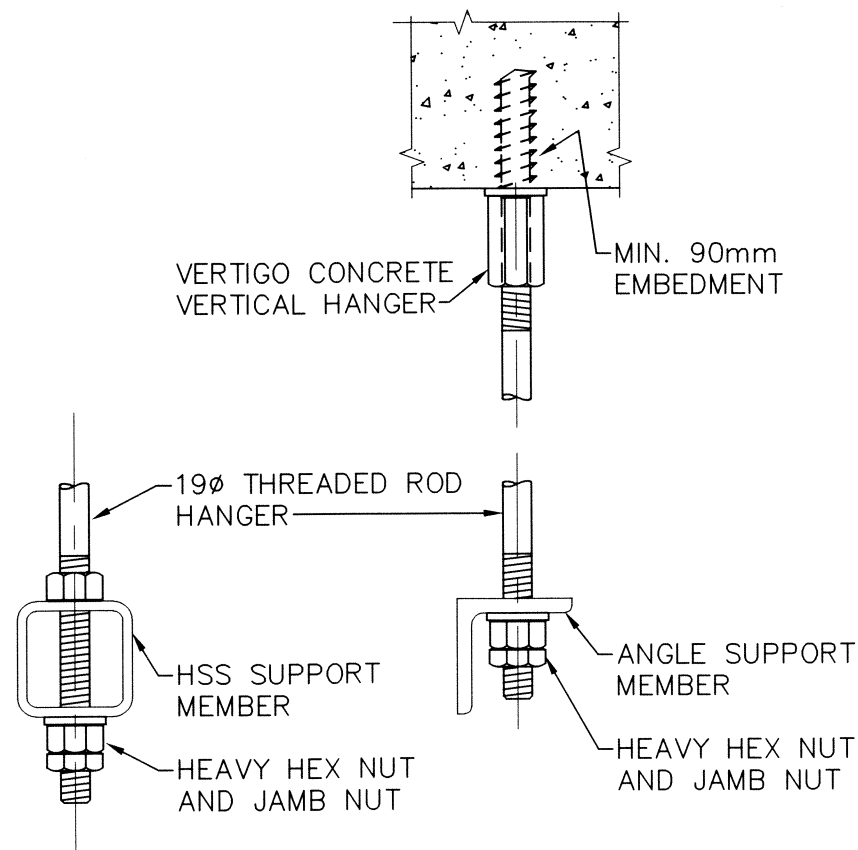
SCALE: 1:20

HOUSEKEEPING PAD SCHEDULE	
EQUIPMENT	PAD SIZE (mmxmm)
HX-2	500x800
B-3/B-4	1550x1650 (ONE PAD REQ'D)
SP-1	300x300
SP-2	300x300
P-101A	250x400
P-101B	250x400
NOTE: SEE TYPICAL DETAIL FOR REINFORCING. SEE DRAWING M101 FOR EQUIPMENT LOCATIONS	



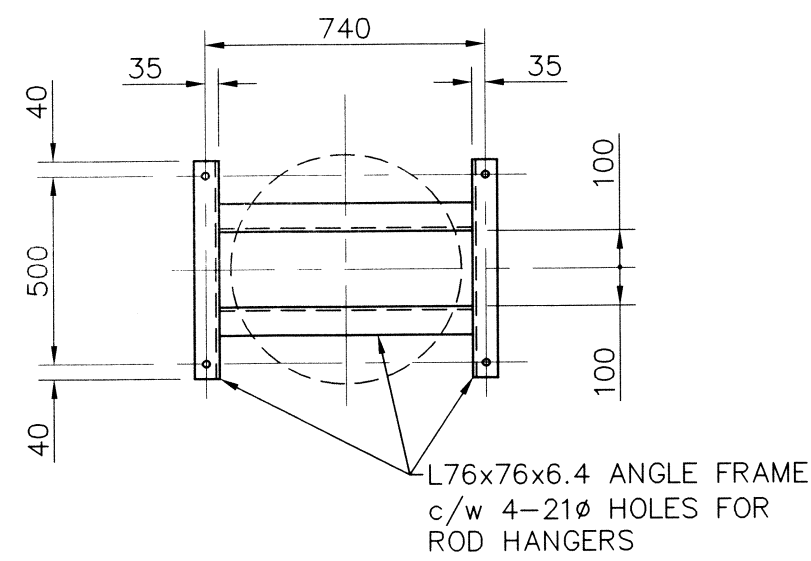
HX-3 SUPPORT FRAME

SCALE: 1:20



TYP. HANGER DETAILS

SCALE: 1:5



ET-2 SUPPORT FRAME

SCALE: 1:20

GENERAL NOTES:

1. THE CONTRACTOR SHALL REVIEW ALL PROJECT DRAWINGS SUFFICIENTLY AND COMPARE WITH STRUCTURAL DRAWINGS PRIOR TO ANY CONSTRUCTION ON SITE. ANY DISCREPANCIES, MISSING DIMENSIONS AND/OR REQUIRED DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE CONSULTANT BEFORE ANY WORK AFFECTED IS COMMENCED. FAILURE TO OBTAIN THE REQUIRED INFORMATION PRIOR TO STARTING WORK THAT MAY BE AFFECTED BY THIS LACK OF INFORMATION IS THE CONTRACTOR'S RESPONSIBILITY.
2. ALL WORK TO COMPLY WITH THE REQUIREMENTS OF NBC 2015.
3. THE CONTRACTOR IS TO VERIFY ON SITE ALL DIMENSIONS AND CONDITIONS. ANY DISCREPANCIES SHALL BE REPORTED TO THE CONSULTANT.
4. SUBMIT SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION FOR ALL REBAR AND STRUCTURAL STEEL.
5. DO NOT CORE, DRILL, CUT, OR NOTCH HOLES ETC. INTO STRUCTURAL MEMBERS WITHOUT WRITTEN PERMISSION FROM THE FABRICATOR AND THE CONSULTANT.
6. ALL UNITS ARE IN MM UNLESS NOTED OTHERWISE.

CONCRETE:

1. ALL CONCRETE CONSTRUCTION AND TESTING TO CONFORM TO CSA A23.1 AND A23.2-14.
2. CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 30 MPA. - CEMENT SHALL BE PORTLAND TYPE GU.
3. ALL REINFORCING BARS TO CONFORM TO CSA G30.18-M09 (R2014) GRADE 400.
4. CONCRETE COVER TO CONFORM TO CSA A23.3 OR AS SPECIFIED.
5. ALL ADHESIVE ANCHORS TO BE "DEWALT AC208+" OR "HILTI-HY200" SYSTEM. ROUGHEN SURFACE AND APPLY BONDING AGENT PRIOR TO CASTING NEW SLABS OVER EXISTING CONCRETE.
6. PAINT EXISTING FLOOR SLABS IN SOUTH WING MECHANICAL ROOM AND LOWER NORTH WING MECHANICAL ROOM, COLOR GREY. PAINT TO BE SUITABLE FOR COMMERCIAL BUILDINGS AND APPLIED AS PER MANUFACTURERS INSTRUCTIONS. PAINT TO BE APPLIED IN ALL ACCESSIBLE AREAS. PAINT VERTICAL FACES OF HOUSEKEEPING PADS AND 75mm OF TOP PERIMETER COLOR SAFETY YELLOW. PAINT EXISTING CONCRETE CURBS SAFETY YELLOW.

STRUCTURAL STEEL:

1. STRUCTURAL STEEL SHALL CONFORM TO ANGLE, CHANNEL, PLATE - CSA G40.21-300W W, WT, HSS.
2. STRUCTURAL STEEL BOLTS CONFORMING TO ASTM A325 STANDARD, 19mmØ THREADS EXCLUDED FROM SHEAR PLANE.
3. STEEL GRATING TO BE 19-4 SERIES TYPE, BEARING BAR DEPTH TO MATCH EXISTING. PAINT TO MATCH EXISTING.
4. STRUCTURAL STEEL DETAILING, FABRICATION AND ERECTION TO CONFORM TO CAN/CSA S16.
5. FASTEN STRUCTURAL STEEL MEMBERS WITH FULL DEPTH BOLTED CONNECTIONS WHERE POSSIBLE. MINIMUM 2 ROWS OF BOLTS PER CONNECTION. MINIMUM 32mm EDGE AND END DISTANCE.
6. STEEL FABRICATOR TO BE CERTIFIED IN DIVISION 1 OR 2 BY THE CANADIAN WELDING BUREAU IN ACCORDANCE WITH CSA W47.1. ALL WELDERS TO BE CWB CERTIFIED FOR MATERIALS AND POSITIONS UTILIZED.
7. FIELD WELDING BY COMPANIES CERTIFIED BY THE CWB AS PER W47.1 DIVISIONS 1, 2 OR 3.
8. WELDING ELECTRODES SHALL BE LOW-HYDROGEN (BASIC).
9. ALL AREAS TO RECEIVE WELDING TO BE CLEANED OF GREASE AND PAINT.
10. WELDING SHALL NOT BE DONE WHEN AMBIENT TEMPERATURE IS LOWER THAN -18°C (0°F).
11. ALL WELDS TO BE 6mm FILLET UNLESS NOTED OTHERWISE.
12. REMOVE ALL WELDING SLAG BEFORE PAINTING.
13. FINISH PAINT ALL NEW SUPPORT STEEL AS TO MATCH EXISTING.
14. TOUCH UP PAINT ALL DAMAGED OR FIELD WORKED AREAS.

