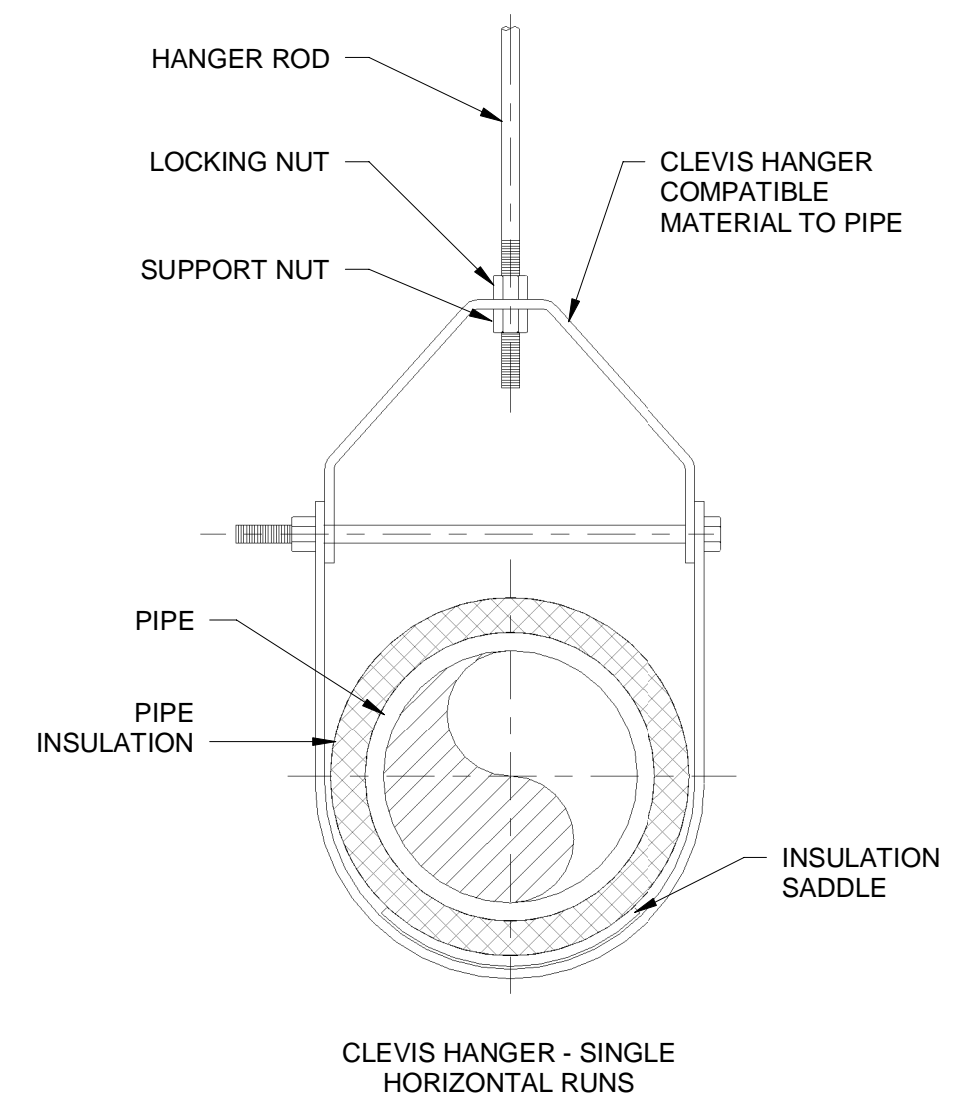


- NOTES:
- ALL EXISTING DIMENSIONS ARE ± AND MUST BE SITE VERIFIED BY CONTRACTOR.
  - EXISTING CONCRETE DECK TO BE REVIEWED BY CONTRACT ADMINISTRATOR PRIOR TO NEW WORKS COMMENCING. ANY AREA OF THE CONCRETE DECK NEEDING REPAIR MUST BE REVIEWED AND REMEDIATION SOLUTIONS PROVIDED BY CONTRACT ADMINISTRATOR PRIOR TO NEW WORK.
  - RD-1 IS A NEW ROOF DRAIN INSTALLED INTO EXISTING ROOF PIPE. RD-2 IS A NEW ROOF DRAIN INSTALLED INTO A NEW HOLE CORED IN EXISTING CONCRETE DECK. LOCATION TO BE SITE VERIFIED. SEE DETAIL ON A104.
  - NEW ROOF DRAIN (RD-2) RWL TO TIE INTO EXISTING VENT STACK. ROUTE NEW RWL AT AN APPROPRIATE ELEVATION TO NOT ABSTRACT OPERATION OF THE EXISTING BRIDGE CRANE.

**NEW UPPER ROOF ASSEMBLY**  
 2 PLY MODIFIED BITUMEN ROOFING  
 13mm OVERLAY BOARD  
 MIN. 25mm ROOFING INSULATION SLOPED TO ROOF DRAINS (MIN. RSI= 0.88)  
 VAPOUR RETARDER  
 13mm DECK BOARD  
 EXISTING CONCRETE DECK

**NEW LOWER ROOF ASSEMBLY**  
 2 PLY MODIFIED BITUMEN ROOFING  
 13mm OVERLAY BOARD  
 MIN. 38mm ROOF INSULATION SLOPE TO EAVES TROUGH (MIN. RSI=1.32)  
 VAPOUR RETARDER  
 13mm DECK BOARD  
 EXISTING CONCRETE DECK

EL. "0" IS TOP OF ROOFING WITH MIN. 25mm ROOFING INSULATION



REVIEW LOCATION OF CLEVIS HANGER ANCHORAGE WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION

**1 NEW ROOFING PLAN**  
 A103 SCALE: 1 : 50

ROOF DRAIN SCHEDULE			
MARK	SIZE	REMARKS	DESCRIPTION
RD-1	Ø76mm	NEW ROOF DRAIN, REPLACING EXISTING ROOF DRAIN. PLUMB INTO EXISTING ROOF DRAIN PIPE	EPOXY COATED CAST IRON ROOF DRAIN WITH FLASHING CLAMP WITH INTEGRAL GRAVEL STOP, SELF-LOCKING POLYETHYLENE DOME AND NO HUB.
RD-2	Ø76mm	NEW ROOF DRAIN INTO NEW CORED HOLE. PLUMB INTO NEW Ø76mm GALV. PIPE ROUTED TO EXISTING COMBINED SEWER.	EPOXY COATED CAST IRON ROOF DRAIN WITH FLASHING CLAMP WITH INTEGRAL GRAVEL STOP, SELF-LOCKING POLYETHYLENE DOME AND NO HUB.

**2 PIPE CLEVIS HANGER**  
 SCALE: 1 : 25

**LOCATION APPROVED**  
 UNDERGROUND STRUCTURES

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 LOCATION ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	DATE	BY
2	ISSUED FOR TENDER	19.06.20	KK
1	95% CLIENT REVIEW	19.06.14	KK
0	90% CLIENT REVIEW	19.05.16	KK

**AECOM**

DESIGNED BY: KK  
 CHECKED BY: JDI  
 DRAWN BY: KK  
 APPROVED BY: NK

SCALE: As indicated  
 DATE: Issue Date

RELEASED FOR CONSTRUCTION  
 DATE: 04/01/19

PROFESSIONAL'S SEAL  
 PROVINCE OF MANITOBA  
 JOHN D'IGNAZIO  
 REGISTERED ARCHITECT  
 CONSULTANT PROJECT NUMBER: 60602875

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

TACHE BOOSTER PUMPING STATION  
 MAIN BUILDING  
 RE-ROOFING

ARCHITECTURAL  
 ROOF PLAN

CITY DRAWING NUMBER: 1-0660M-80002-001  
 SHEET 4 OF 6  
 CONSULTANT DRAWING NUMBER: A102

BID OPPORTUNITY NO. 555-2019