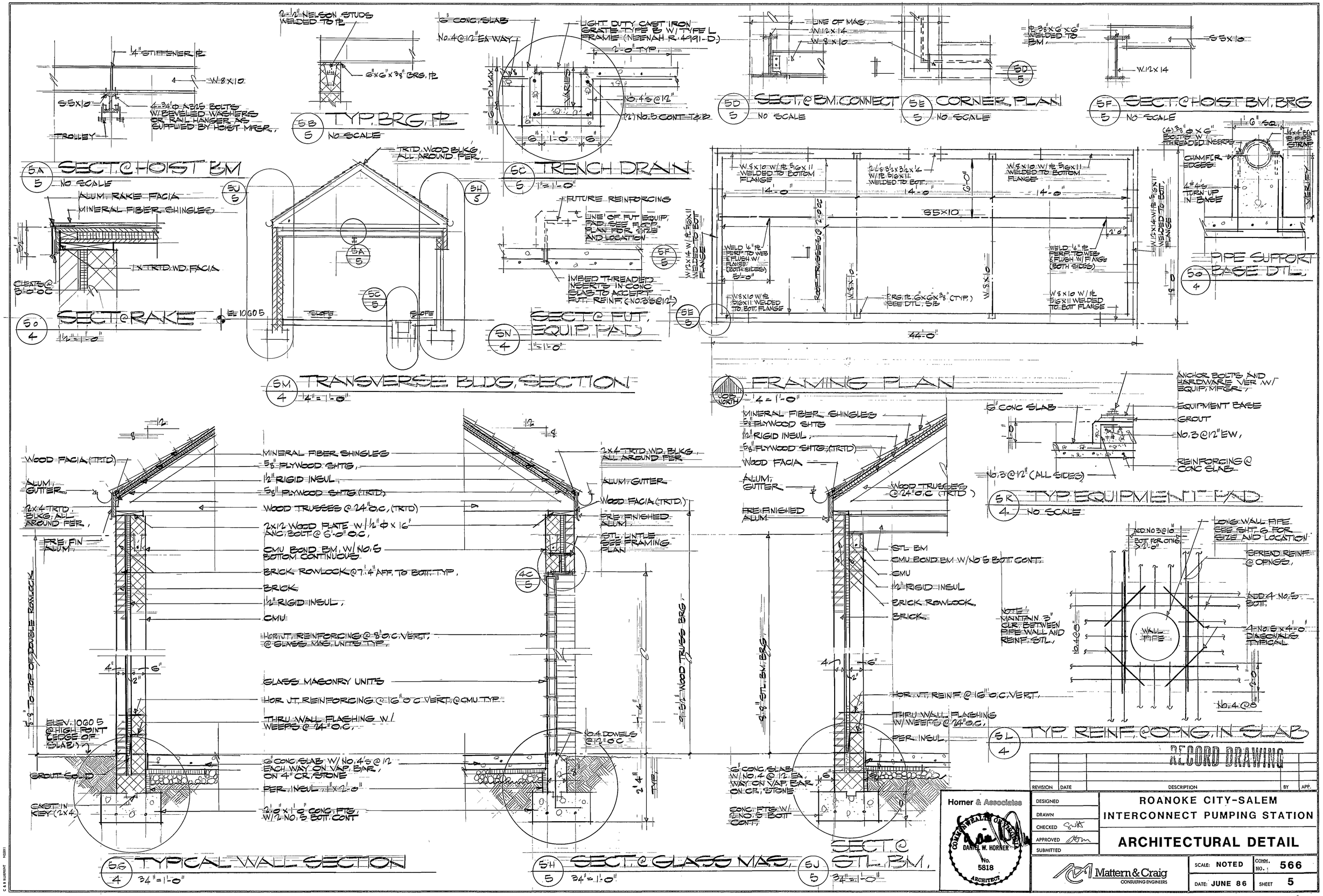
SECT. @ HOIST BM
5A 5 NO SCALE
4" STIFFENER PL
W8x10
S5x10
4-3/4" Φ A325 BOLTS W/ BEVELED WASHERS OR RAIL HANGER, AS SUPPLIED BY HOIST MFGR.
TROLLEY
TYP. BRG. PL
5B 5 NO SCALE
2-1/2" NELSON STUDS WELDED TO PL
6"x6"x3/8" BRG. PL
TRENCH DRAIN
5C 5 1"=1'-0"
6" CONC. SLAB
No.4@12" EA WAY
LIGHT DUTY CAST IRON GRATE TYPE B W/ TYPE L FRAME (NEENAH R-4991-D)
1'-0" TYP.
VARIES
No.4's @12"
(2) No.5 CONT. T&B
SECT. @ BM. CONNECT
5D 5 NO SCALE
LINE OF MAS.
W12x14
W8x10
CORNER PLAN
5E 5 NO SCALE
PL 3/8"x6"x6" WELDED TO BM
S5x10
W12x14
SECT. @ HOIST BM. BRG
5F 5 NO SCALE
(4) 3/4" Φ x 6" BOLTS W/ THREADED INSERTS
1/4"x4" PLT BENT TO FORM STRAP
CHAMFER EDGES
4#4's TURN UP IN BASE
VERTICAL
PIPE SUPPORT BASE DTL.
5G 4 1"=1'-0"
SECT. @ RAKE
5O 4 1"=1'-0"
ALUM. RAKE FACIA
MINERAL FIBER SHINGLES
1x TRTD. WD. FACIA
CLEATS @ 24"OC
ELEV. 1000.5
TRTD. WOOD BLKG, ALL AROUND PER.
5J 5
5H 5
SLOPE
SLOPE
TRANSVERSE BLDG. SECTION
5M 4 1/4"=1'-0"
SECT. @ FUT. EQUIP. PAD
5N 4 1"=1'-0"
FUTURE REINFORCING
LINE OF FUT. EQUIP. PAD, SEE FLOOR PLAN FOR SIZE AND LOCATION
5F 5
IMBED THREADED INSERTS IN CONC SLAB TO ACCEPT FUT. REINF. (NO.3's @12")
FRAMING PLAN
5E 5
W8x10 W/ PL 5/16x11 WELDED TO BOTTOM FLANGE
2-L's 3x3x1/4 W/ PL 5/16x11 WELDED TO BOTT.
W12x14 W/ PL 5/16x11 WELDED TO BOTT. FLANGE
14'-0"
14'-0"
14'-0"
6'-0"
S5x10
WELD 1/4" PL PERP. TO WEB & FLUSH W/ FLANGE (BOTH SIDES)
5'-0"
ROOF TRUSSES @ 24" OC
W8x10
BRG. PL 6"x6"x3/8" (TYP.) SEE DTL. 5B
W8x10 W/ PL 5/16x11 WELDED TO BOTT FLANGE
W12x14 W/ PL 5/16x11 WELDED TO BOTT. FLANGE
44'-0"
JOB NORTH
1/4"=1'-0"
TYP. EQUIPMENT FND.
5K 4 NO SCALE
6" CONC SLAB
ANCHOR BOLTS AND HARDWARE VER. W/ EQUIP. MFGR.
EQUIPMENT BASE
GROUT
No.3@12" EW.
REINFORCING @ CONC SLAB
No.3@12" (ALL SIDES)
TYP. REINF. @ CONC. IN SLAB
5L 4
ADD No.3@16" BOTT. FOR OTHG. 3'-0"
LONG WALL PIPE SEE SHT. 6 FOR SIZE AND LOCATION
SPREAD REINF. @ OPNGS.
ADD 4 No.5 BOTT.
4 No.5 x 4'-0" DIAGONALS TYPICAL.
WALL PIPE
No.4@8
NOTE: MAINTAIN 3" CLR. BETWEEN PIPE WALL AND REINF. STL.
TYPICAL WALL SECTION
5G 4 3/4"=1'-0"
WOOD FACIA (TRTD)
ALUM. GUTTER
2x4 TRTD. BLKG. ALL AROUND PER.
PRE FIN ALUM.
MINERAL FIBER SHINGLES
5/8" PLYWOOD SHTG.
1/2" RIGID INSUL.
5/8" PLYWOOD SHTG. (TRTD)
WOOD TRUSSES @ 24" O.C. (TRTD)
2x12 WOOD PLATE W/ 1/2" Φ x 16" ANC. BOLT @ 6'-0" O.C.
CMU BOND BM. W/ NO.5 BOTTOM CONTINUOUS
BRICK ROWLOCK @ 7'-4" AFF. TO BOTT. TYP.
BRICK
1/2" RIGID INSUL.
CMU
HORIZ. REINFORCING @ 8" O.C. VERT. @ GLASS MAS. UNITS TYP.
GLASS MASONRY UNITS
HOR. JT. REINFORCING @ 16" O.C. VERT. @ CMU TYP.
THRU-WALL FLASHING W/ WEEPS @ 24" O.C.
7'-8" TO TOP OF DOUBLE ROWLOCK
ELEV. 1000.5 @ HIGH POINT (EDGE OF SLAB)
GROUT SOLID
CAST IN KEY (2x4)
6" CONC. SLAB W/ NO.4's @ 12 EACH WAY ON VAP. BAR, ON 4" CR. STONE
PER. INSUL. 1'x1'-0"
2'-0"x1'-0" CONC. FTG. W/ 2 NO.5 BOTT. CONT.
SECT. @ GLASS MAS.
5H 5 3/4"=1'-0"
2x4 TRTD. WD. BLKG. ALL AROUND PER.
ALUM. GUTTER
WOOD FACIA (TRTD.)
PRE FINISHED ALUM.
STL. LINTLE SEE FRAMING PLAN
4C 5
WOOD TRUSS BRG.
5'-5" TO WOOD TRUSS BRG.
2'-4"
TYP.
No.4 DOWELS @12" O.C.
SECT. @ STL. BM.
5J 5 3/4"=1'-0"
WOOD FACIA
PRE FINISHED ALUM.
WOOD TRUSSES @ 24" O.C. (TRTD)
STL. BM.
CMU BOND BM. W/ No.5 BOTT. CONT.
CMU
1/2" RIGID INSUL.
BRICK ROWLOCK
BRICK
5'-8" TO STL. BM. BRG.
HOR. JT. REINF. @ 16" O.C. VERT.
THRU-WALL FLASHING W/ WEEPS @ 24" O.C.
PER. INSUL.
6" CONC. SLAB W/ NO.4 @ 12 EA. WAY ON VAP. BAR ON CR. STONE
CONC. FTG. W/ 2 NO.5 BOTT. CONT.
RECORD DRAWING
REVISION | DATE | DESCRIPTION | BY | APP.
Horner & Associates
COMMONWEALTH OF KENTUCKY
DANIEL W. HORNER
No. 5818
ARCHITECT
DESIGNED
DRAWN
CHECKED
APPROVED
SUBMITTED
ROANOKE CITY-SALEM
INTERCONNECT PUMPING STATION
ARCHITECTURAL DETAIL
Mattern & Craig
CONSULTING ENGINEERS
SCALE: NOTED
DATE: JUNE 86
CONN. NO.: 566
SHEET 5
85-14