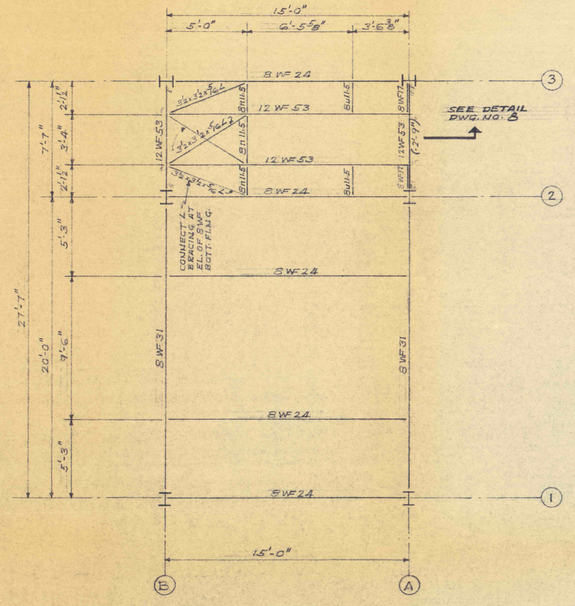
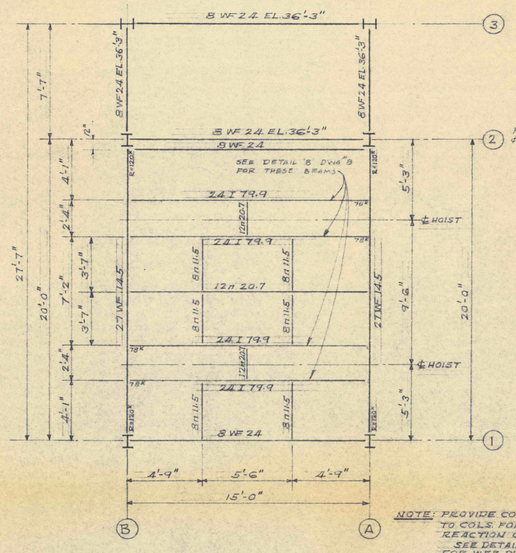


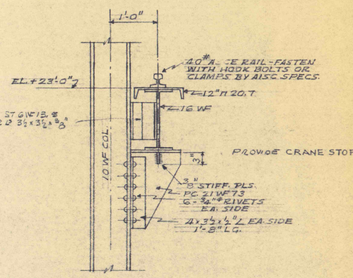
FRAMING PLAN AT EL. +49'-6"

SCALE: ½"=1'-0"

EL. TOP OF STEEL +49'-6" UNLESS NOTED OTHERWISE

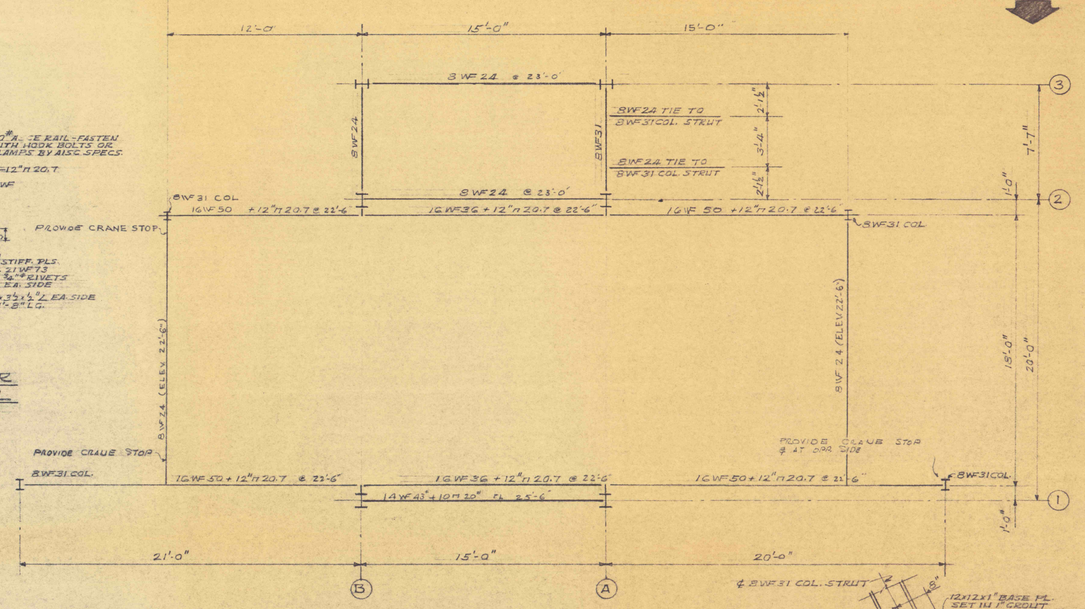


NOTE: PROVIDE CONNECTIONS FOR 27 WF TO COLS. FOR A MINIMUM REACTION OF 120 KIPS. SEE DETAIL OF 24 I BEAMS DWG. 8 FOR WEB PLATES



CRANE GIRDER BRACKET DETAIL

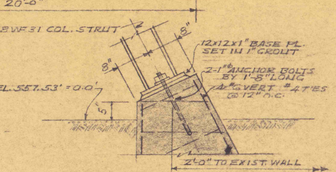
SCALE: ¾"=1'-0"



FRAMING PLAN AT EL. +23'-0"

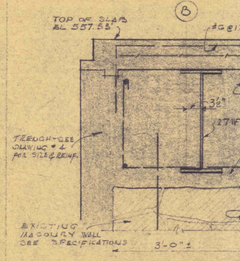
SCALE: ½"=1'-0"

EL. TOP OF STEEL +23'-0" UNLESS OTHERWISE NOTED



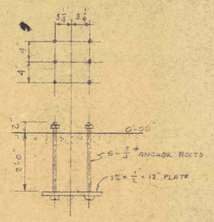
PIER DETAIL for 8 WF 31 COL. STRUTS

SCALE: ½"=1'-0"

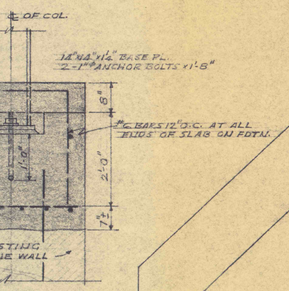


SECTION "B-B"

SCALE ½"=1'-0"



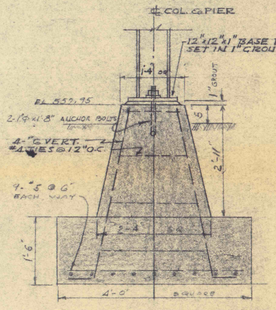
DETAIL FLOOR SHEAVE ANCHOR



SECTION "A-A"

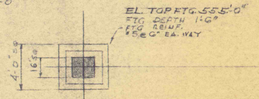
BASE DETAIL COLS. 3A & 3B

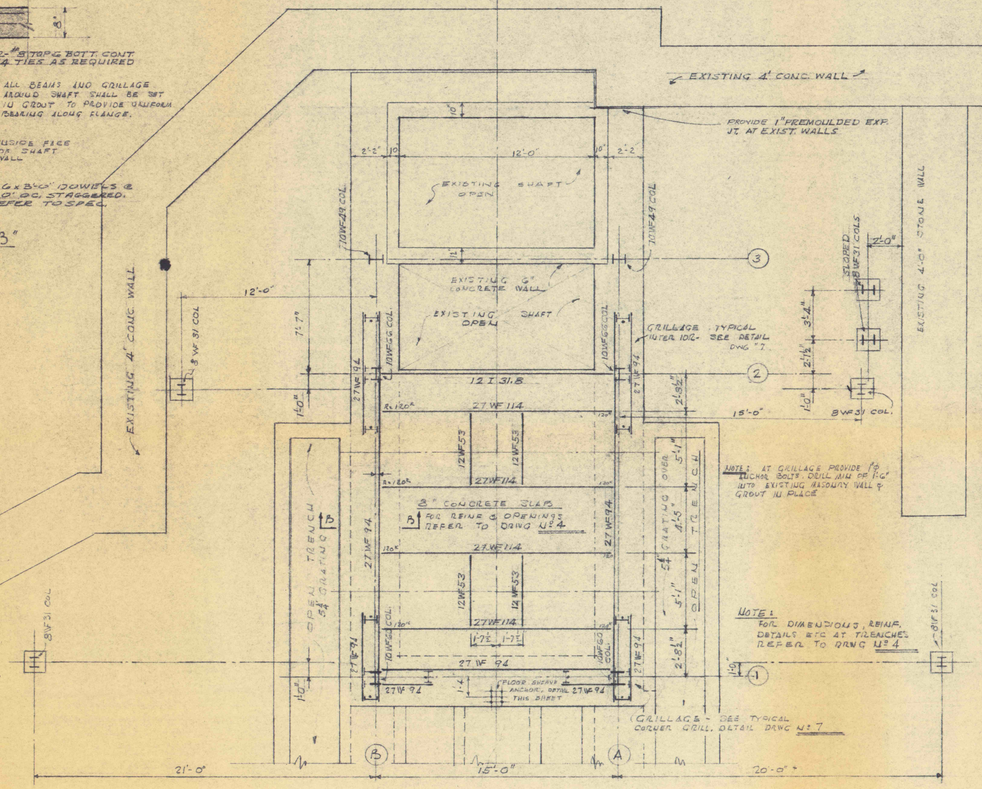
SCALE: ¾"=1'-0"



TYPICAL 8 WF COL. BASE

SCALE: ¾"=1'-0"





NOTE: AT GRILLAGE PROVIDE ⅞" ANCHOR BOLTS DRILL AND FILL WITH GROUT IN PLACE

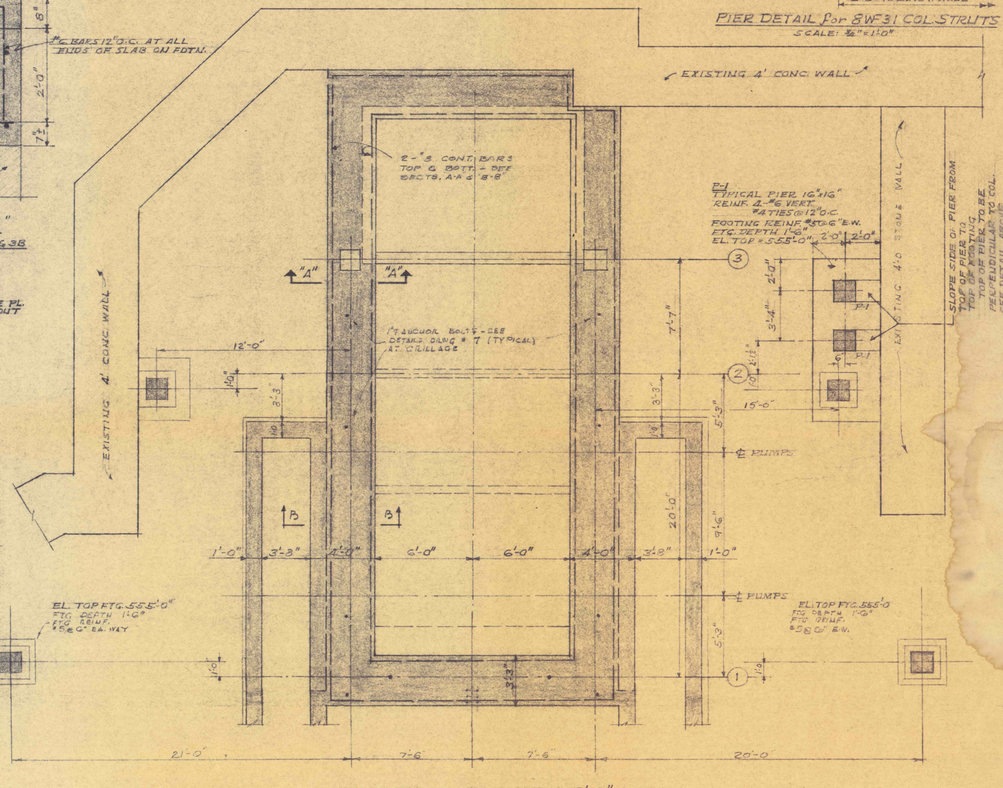
NOTE: FOR DIMENSIONS, REINF. DETAILS ETC AT TRENCHES REFER TO DRWG #4

(GRILLAGE - SEE TYPICAL CORNER GRIL. DETAIL DRWG #7

FLOOR FRAMING PLAN - EL. 557.53'=0.0'

SCALE: ¼"=1'-0"

NOTE: ALL BEAMS THIS PLAN ARE (-8") BELOW BASE ELEVATION EL. 557.53' UNLESS OTHERWISE NOTED.



FOUNDATION PLAN - EL. -0'-3" EL. TOP OF SHADED AREAS (-0'-8")

SCALE: ¼"=1'-0"

GENERAL NOTES:

CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN FIELD FOR PROPER LOCATION & FIT.
ALL EXPOSED BEAM & GIRDER CONNECTIONS TO COLUMNS SHALL BE WIDE FLANGE CONNECTIONS.
USE STANDARD "H" SERIES CONNECTIONS FOR 24"& 27" BEAMS.
ALL BEAM & GIRDER CONNECTIONS TO COLUMNS SHALL BE MADE WITH HIGH STRENGTH BOLTS
NO FIELD WELDING SHALL BE PERMITTED - USE OF BURNING OR WELDING EQUIPMENT IF NECESSARY SHALL REQUIRE WRITTEN APPROVAL AND SHALL BE SUBJECT TO MINE SAFETY REGULATIONS.
PROVIDE DOWELS TO FTGS. TO MATCH PIER REINFORCING.

RAY E. ROUSHEY — REGISTERED PROFESSIONAL ENGINEER No. 5909 — COMMONWEALTH OF PENNSYLVANIA

DONALD BRUCE SMITH — REGISTERED PROFESSIONAL ENGINEER — COMMONWEALTH OF PENNSYLVANIA

CONCRETE AND STEEL PLANS

REVISIONS
REVISED MAY 20, 1958
REVISED JUNE 25, 1958

FLOOD CONTROL PROJECT No 4 - PHASE 'B'

PA. DEPT. of MINES AND MINERAL INDUSTRIES

PENNSYLVANIA COAL COMPANY

EWEN COLLIERY HOIST SHAFT

DUNCAN AND SMITH

NONE — 6225

5-1-58 — V5

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