

**NOTES:**

- REMOVE EXIST STEEL GUARDRAIL FROM WALKWAYS AND REPLACE WITH ALUMINUM GUARDRAIL TYPICAL AT EXISTING AND NEW WALKWAYS AND AT NEW PLATFORMS, STAIRS AND SHIP LADDERS. SEE DETAIL S306. PROVIDE DIELECTRIC BREAK BETWEEN ALUMINUM & STEEL STRUCTURE.
- INDICATES REPAIR REQ'D AT COLUMN BASE. SEE DETAIL J/FS-7.  
INDICATES LOCATION OF EXISTING STEEL ANGLE COLUMN PROVIDING WALKWAY SUPPORT
- REMOVE EXISTING GRATING AT ALL FILTER PIPE GALLERY WALKWAYS. SANDBLAST TO STEEL STRUCTURES PAINTING COUNCIL (SSPC) SPECIFICATION SP-10. PRIME AND PAINT AS SPECIFIED FOR NON-SUBMERGED, NON-GALVANIZED FERROUS METALS IN SPECIFICATION SECTIONS 09901 & 09902. REINSTALL GRATING USING TYPE 316 STAINLESS STEEL SADDLE CLIPS AND FASTENERS.

- REPAIR EXISTING WALKWAY SUPPORTS AS INDICATED. WHILE GRATING IS REMOVED, SANDBLAST WALKWAY SUPPORT FRAMING TO SPECIFICATION SP-10. PRIME AND PAINT AS SPECIFIED FOR NON-SUBMERGED, NON-GALVANIZED FERROUS METALS IN SPECIFICATION SECTIONS 09901 & 09902.
- FOR PLATFORMS AT ELEVATION 104.25±: LAY OUT BEAMS AS INDICATED. EXACT LOCATIONS MAY BE FIELD ADJUSTED TO CLEAR EXISTING OBSTRUCTIONS PROVIDED GRATING CLEAR SPAN IS MAINTAINED LESS THAN 5'-0".
- INSTALL ALL GRATING SUPPORT BEAMS AND FIELD MEASURE ACTUAL GRATING SPANS BEFORE FABRICATING GRATING SECTIONS.
- GRATING EXTENTS: PROVIDE GRATING OVER FULL AREA BETWEEN FILTER WALL AND WALL OF WASH-WATER SEWER OR EDGE OF EXISTING WALKWAY. CUT GRATING AROUND COLUMNS & PIPE SUPPORT PEDESTALS. USE DETAIL S210 TO PROVIDE GRATING SUPPORT AT COLUMN OR WALL FACES.

**MATERIALS**

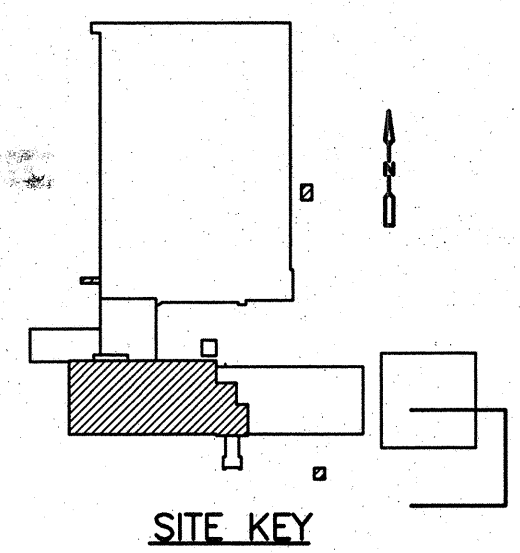
- "TS6x3" DENOTES TS6x3x3/16
- "C7" DENOTES C7x9.8
- SEE SECTIONS AND DETAILS FOR TOP OF STEEL ELEVATIONS
- NEW GRATING SHALL BE 1 1/4" DEEP GALVANIZED STEEL AS SPECIFIED

- REMOVE CRACKED & LOOSE CEMENT PLASTER FINISH ON FACE OF WALL. PREPARE SURFACE & RECOAT WITH CEMENT PLASTER.
- REMOVE EXISTING SUMP PUMP AND SUPPORT PLATE AT WALKWAY. PROVIDE NEW GRATING TO REPLACE PLATE.

PLAN AT EL 116.00  
SCALE: 1/8" = 1'-0"

- AT FAN ACCESS PLATFORMS (WEST END OF FILTER PIPE GALLERY) PROVIDE A SINGLE TS6x3 BEAM & TS3x3 COLUMN AS SHOWN IN DETAIL B/FS-6 TO SUPPORT EAST END OF GALV STEEL GRATING. SUPPORT GRATING AT WEST WALL PER DETAIL S210.
- STAIRS TO UPPER PLATFORM AT FILTERS 1-6 DELETED BY C.O. (SEE FS-4)

**FOR REFERENCE ONLY**  
**RECORD DRAWING**



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CITY OF WICHITA, KANSAS  
WATER TREATMENT PLANT IMPROVEMENTS  
PHASE IIB

FILTER PIPE GALLERY  
LOWER PLATFORM MODIFICATIONS PLAN

PROJECT NO. 2395-118-DNF
SHEET NO. FS-3
SHEET 241 OF 293