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PROJECT THE WORLD TRADE CENTER | TITLE DETAIL FOR SHEAR HEAD REPAIR K35/5 | DATE 12-23-71

Revisions
- 15-72
- 6-30-72
- 5-4-73

4"℄ (2 per row) - ¾"ϕ cinch Anchors with 3-unit threaded ring wedges to be installed before grouting.

LOOKING WEST

K-35 / 5

Remove this portion of shearhead

El. 294

New cut from 18C58

New PL 15"x1"

Steel wedges drive fit weld to maintain position.

Existing pipe to remain slot web 1" larger than exist pipe

Remove grout

Grout

Add PL 8"x3/8" each side

Remove shims

Add PL 3½"x¾"x1'-0" each side

Add PL 3½"x¾" each side

New PL 1"

New PL 14"x1"

(Similar)

2'-7"±

1'-9"±

2'-3"±

2'-1"±

3'-5"

C.P.T

Steel wedges drive fit weld to maintain position.

Ea. flange

8"ϕ hole in top PL for future pipe

1'-6"

4'-0"

Existing pipe to remain. Trim flang & web to clear by ½

Section a-a

Section b-b

Existing pipe to remain

Notes:
1. All material to be fabricated from field measured dimensions.
2. All new steel to be Fy36
3. All electrodes to be E70XX.
4. Grout to achieve 100% contact between plates and existing drop panel. Grout to be premixed Embeco grout mixed to flowable consistency and placed in conformance with manufactures written directions
5. Provide erection aides as required

K35/5

19-K-1053.1