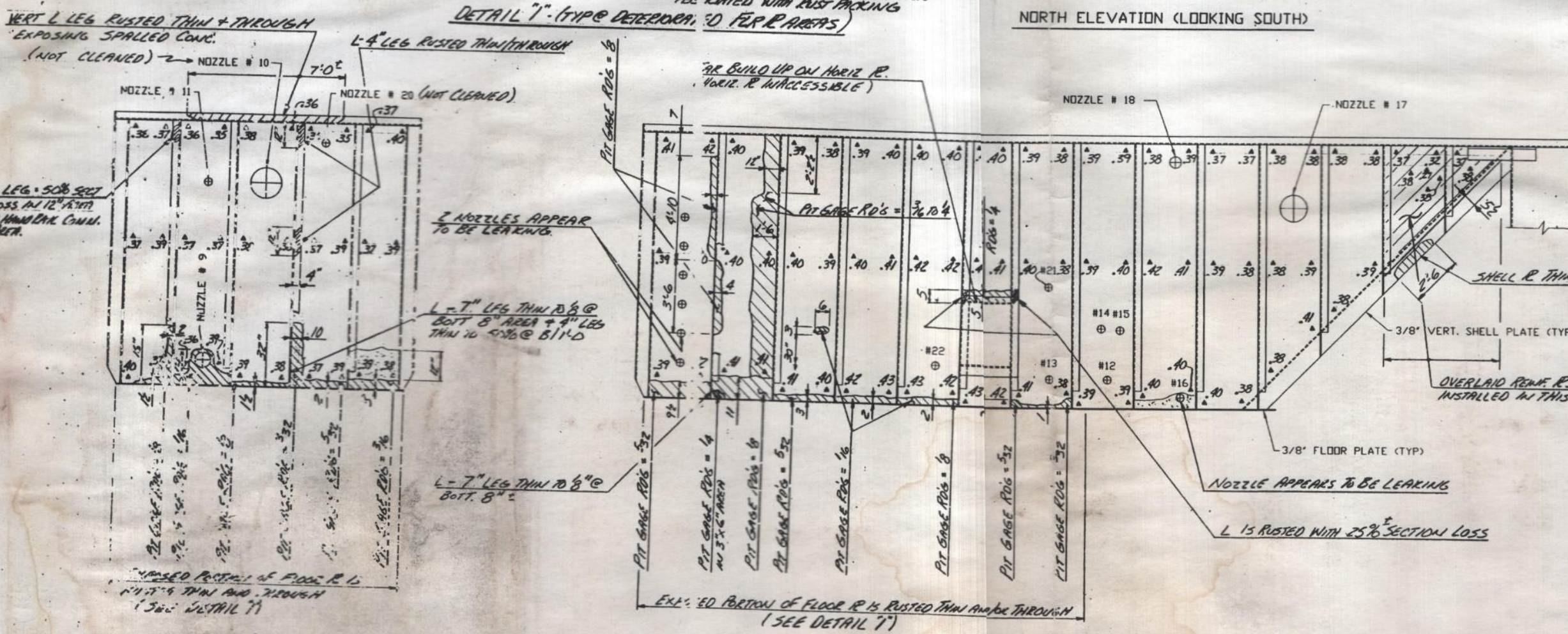


EAST ELEVATION (LOOKING WEST)
SLUDGE CHUTE NOT SHOWN

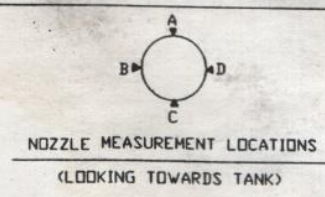
DETAIL 7 - (TYPE DEGRADATION OF FLR R AREAS)



WEST ELEVATION (LOOKING EAST)

SOUTH ELEVATION (LOOKING NORTH)

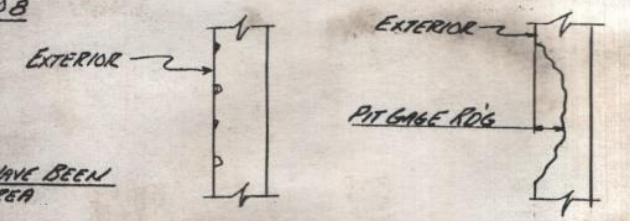
NORTH ELEVATION (LOOKING SOUTH)



NOZZLE THICKNESS MEASUREMENTS					
MEASUREMENT LOCATION					
NOZZLE NO	DIA.	A	B	C	D
1	14	37	38	38	NA
2	8	30	34	32	33
3	8	36	37	36	33
4	8	32	32	33	33
5	8	32	33	33	32
6	8	33	33	38	34
7	8	34	44	37	32
8	8	31	34	38	32
9	8	45	47	42	41
10	16	NA	NA	38	NA
11	4	34	33	32	30
12	2	23	20	21	20
13	2	15	16	16	16
14	2	16	16	16	16
15	2	27	28	30	26
16	2	40	46	NA	42
17	14	36	37	36	36
18	6	NA	NA	33	NA
19	10	32	33	34	33
20	4	NA	NA	NA	NA
21	2	NA	NA	NA	NA
22	2	NA	NA	NA	NA

LEGEND

- ▲ DENOTES THICKNESS MEASUREMENT LOCATIONS
- ▨ DENOTES AREAS OF SHELL R THAT ARE RUST BOUSED (TYP UNLESS NOTED OTHERWISE)
- ⊙ DENOTES AREAS OF SHELL R THAT ARE RUST FITTED (.52 TO .76)



SURFACE PROFILE OF RUST FITTED AREAS SURFACE PROFILE OF RUST BOUSED AREAS

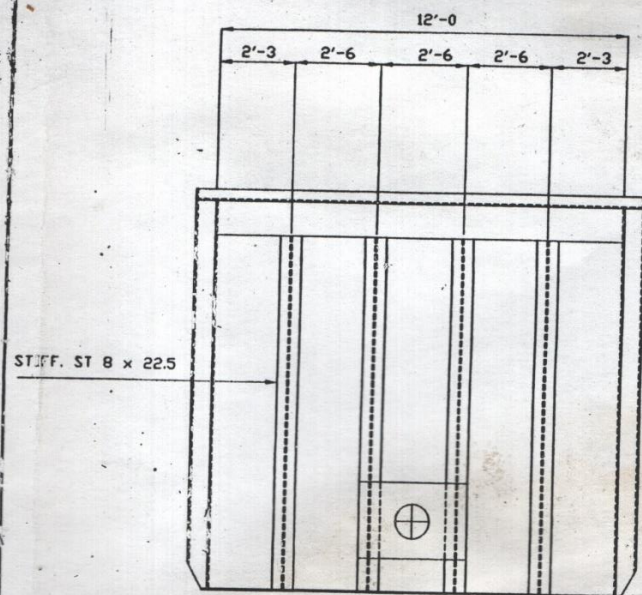
REV	BY	DATE	DESCRIPTION
0			

ENSPECT, INC.
Engineering and Inspection Services
8896 Louisiana Street, Merrillville, IN 46410
Phone (219) 736-6002 Fax (219) 736-6003

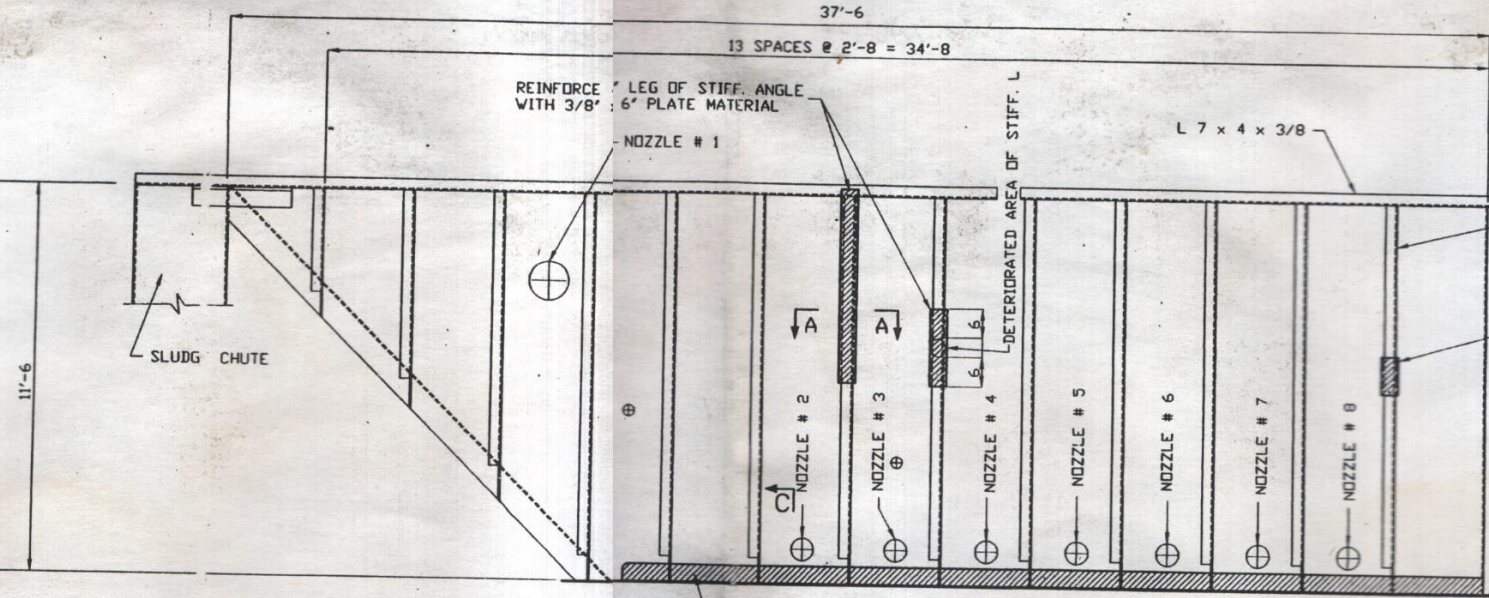
ACME STEEL COMPANY
CHICAGO COKE PLANT
BY-PRODUCTS DEPARTMENT
No. 1 FLUSHING LIQUOR DECANTER TANK
STRUCTURAL INSPECTION

NOTE: THIS DRAWING IS INTENDED TO ILLUSTRATE THE LOCATION OF THE FINDINGS ENCOUNTERED BY THE INSPECTION. FOR THE ACTUAL CONFIGURATION OF THE SUBJECT STRUCTURE REFER TO ACME DWG # 37530.

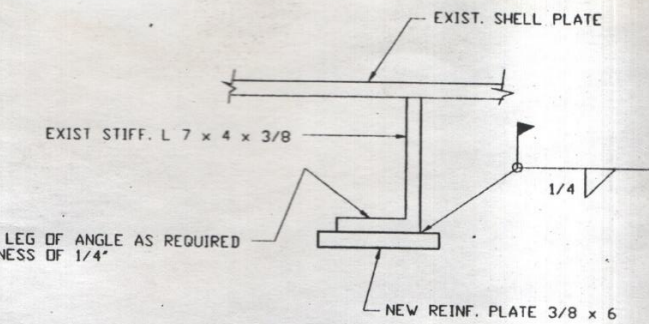
DRWN BY	DATE	CHK'D BY	DATE	SCALE	PROJECT NO.	DRAWING
MFM	9/6			NTS	00-149	



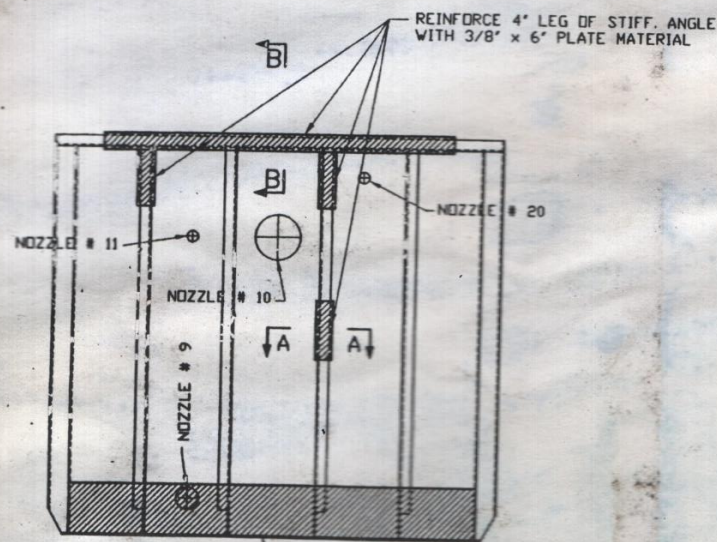
EAST ELEVATION (LOOKING WEST)
SLUDGE CHUTE NOT SHOWN



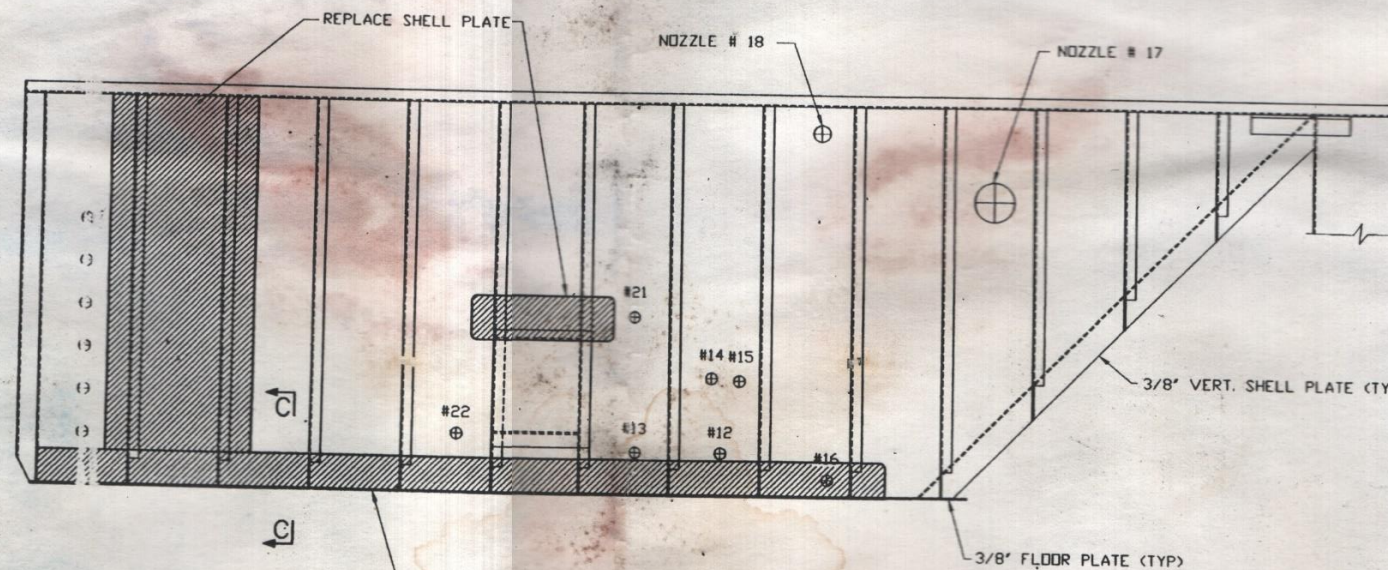
NORTH ELEVATION (LOOKING SOUTH)



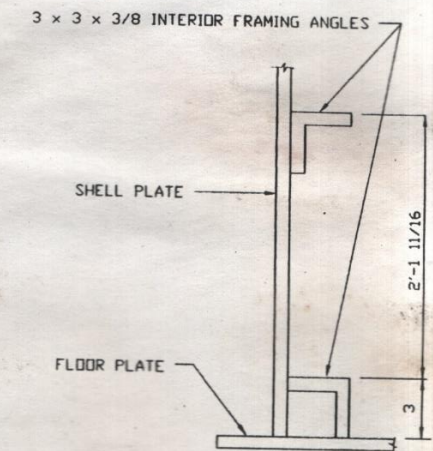
SECTION A-A (SHOWN)
SECTION B-B (SIMILAR)



WEST ELEVATION (LOOKING EAST)



SOUTH ELEVATION (LOOKING NORTH)



SECTION C-C
SHOWING INTERIOR FRAMING ANGLES

CONCEPTUAL REPAIRS ONLY
NOT FOR CONSTRUCTION

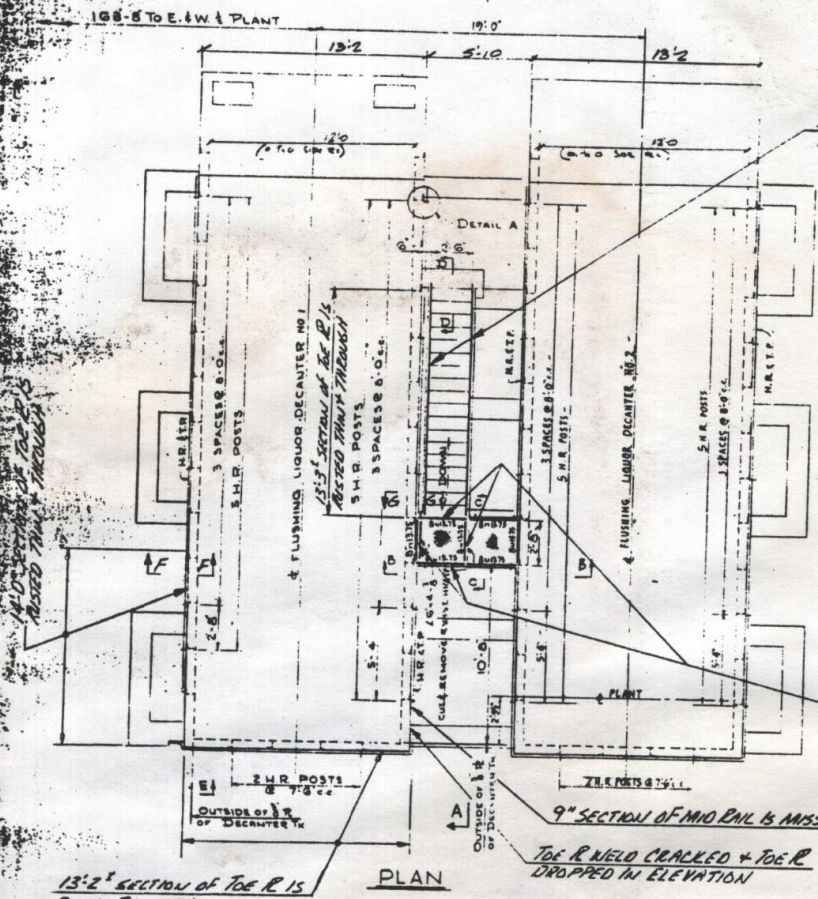
NOTE - THIS DRAWING IS INTENDED TO ILLUSTRATE THE LOCATION OF THE FINDINGS ENCOUNTERED BY THE INSPECTION FOR THE ACTUAL CONFIGURATION OF THE SUBJECT STRUCTURE REFER TO ACME DWG # 37530.

REV.	BY	DATE	DESCRIPTION
0			

ENSPECT, INC.
 Engineering and Inspection Services
 8896 Louisiana Street, Merrillville, IN 46410
 Phone (219) 736-6002 Fax (219) 736-6003

ACME STEEL COMPANY
 CHICAGO COKE PLANT
 BY-PRODUCTS DEPARTMENT
 No. 1 FLUSHING LIQUOR DECANTER TANK
 CONCEPTUAL REPAIRS

DRWN BY	DATE	CHK'D BY	DATE	SCALE	PROJECT NO.	DRAWING NUMBER
HFM	9/76			NTS	00-149	3

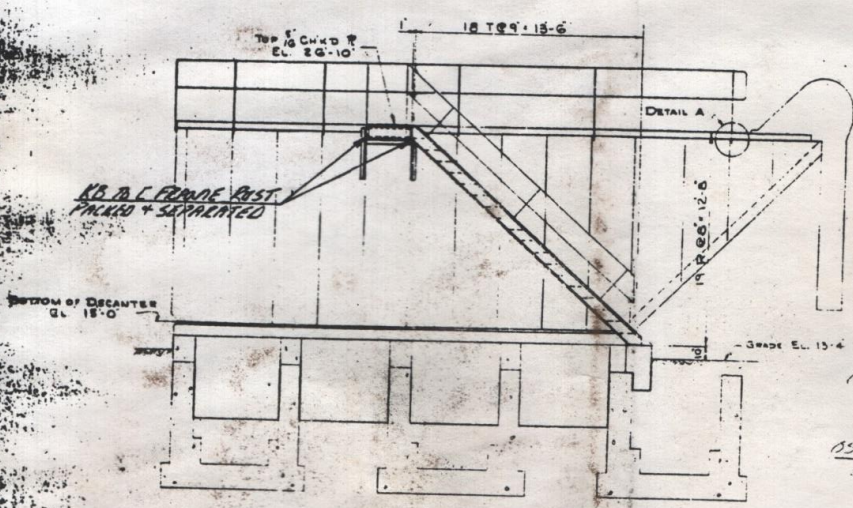


STRINGER WEBS ARE RUSTED THIN THROUGH @ TREAD CORN. (TIP)

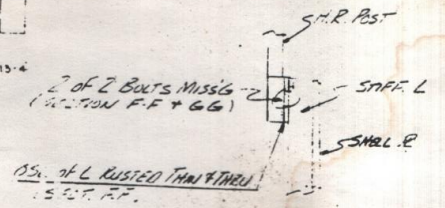
THE WELDED FLG AREA IS RUST THICKENED & SEPARATED

13'-2" SECTION OF TOE R IS RUSTED THIN THROUGH

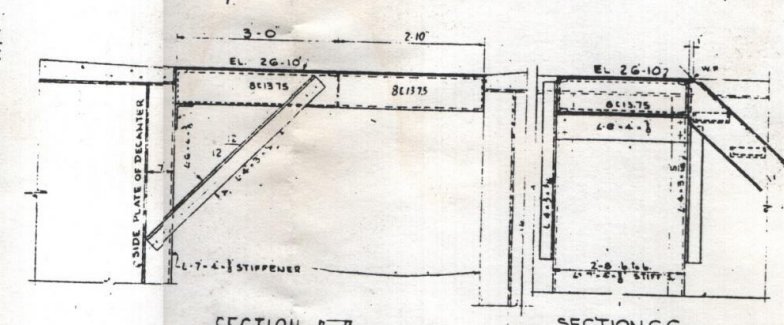
9" SECTION OF MID ENL IS MISSING TOE R WELD CRACKLED & TOE R DROPPED IN ELEVATION



WELDED FLG AREA RUST THICKENED & SEPARATED

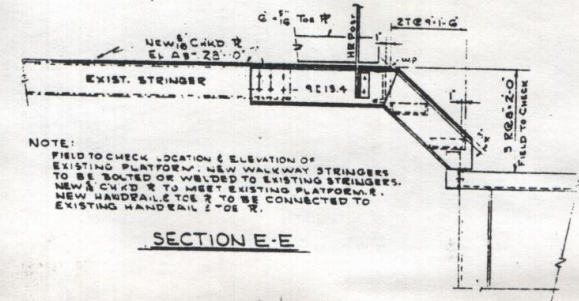


SECTION F-F
SECTION G-G



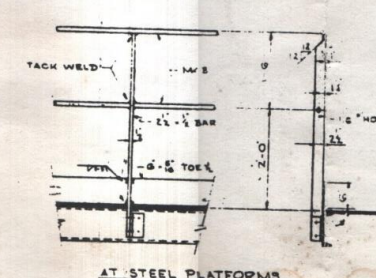
SECTION B-B

SECTION C-C

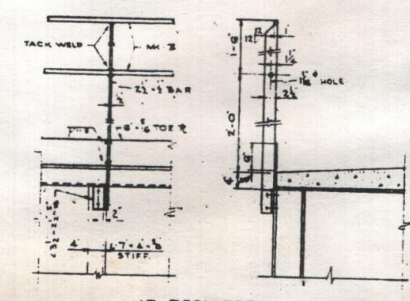


NOTE: FIELD TO CHECK LOCATION & ELEVATION OF EXISTING PLATFORM. NEW WALKWAY STRINGERS TO BE BOLTED OR WELDED TO EXISTING STRINGERS. NEW CHORD TO MEET EXISTING PLATFORM. NEW HANDRAIL TOE R TO BE CONNECTED TO EXISTING HANDRAIL 2'-0\"/>

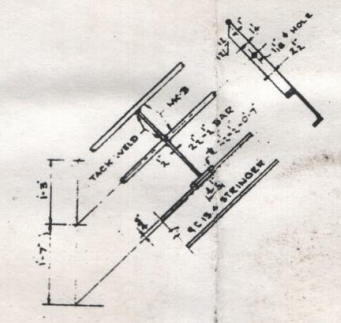
SECTION D-D



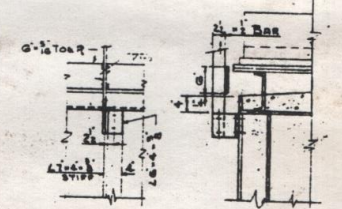
AT STEEL PLATFORMS



AT DECANTERS



AT STAIRWAYS



DETAIL A

HANDRAIL TOE PLATE AND POST DETAILS

BILL OF MATERIAL			
MARK	QTY	DESCRIPTION	UNIT
37542 A		STRUCTURAL STEEL COMP. ETS AS SHOWN INCLUDING WELDED PLATE, HANDRAIL POSTS, BUT NOT INCLUDING TREADS FOR HANDRAILING	STEEL
37542 B 165		LIN. FT. OF 1" FLAT ROUND WOOD STAKE IN RANDOM LENGTHS	WOOD

GENERAL NOTES:
AISC SPECIFICATIONS, REVISED JUNE 1949.
RIVETS AND BOLTS 1/2" HOLES UNLESS NOTED.
SHOP WORK TO BE RIVETED OR WELDED.
WELDS TO BE FILLET WELDS BY THE SHIELDED ARC PROCESS. CHECKERED PLATE TO BE WELDED TO SUPPORTING BEAMS PAINT ONE SHOP COAT.

REFERENCE DRAWINGS:
FLUSHING LIQUOR DECANTER TANK 37530
FLUSHING LIQ. & TAPPING AT FLTK & PUMP HOUSE 37512
FLUSHING LIQUOR DECANTER - FOUNDATION 37542

SEE DETAILS FOR DECANTER NO. 1
NEW: S. SAMP CO. CONTR. 10/1/42

DWG NO 2

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<p>DATE: 10/1/42 DRAWN: E.W.S. CHECKED: J.F.S. APPROVED: J.F.S.</p>	<p>PROJECT: FLUSHING LIQ. DECANTER PLATFORMS & STAIRS SCALE: AS SHOWN</p>	<p>37542</p>