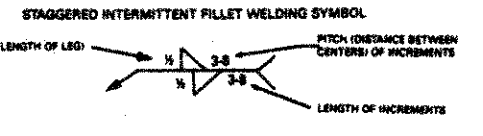
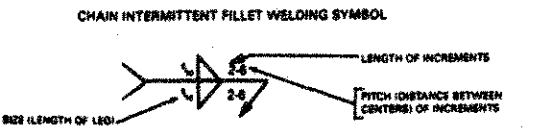
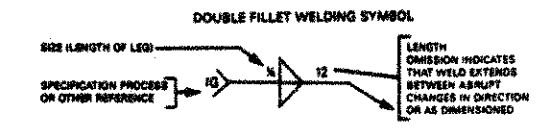
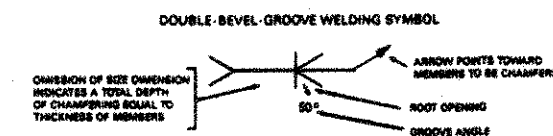
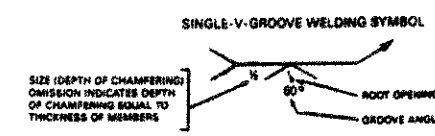
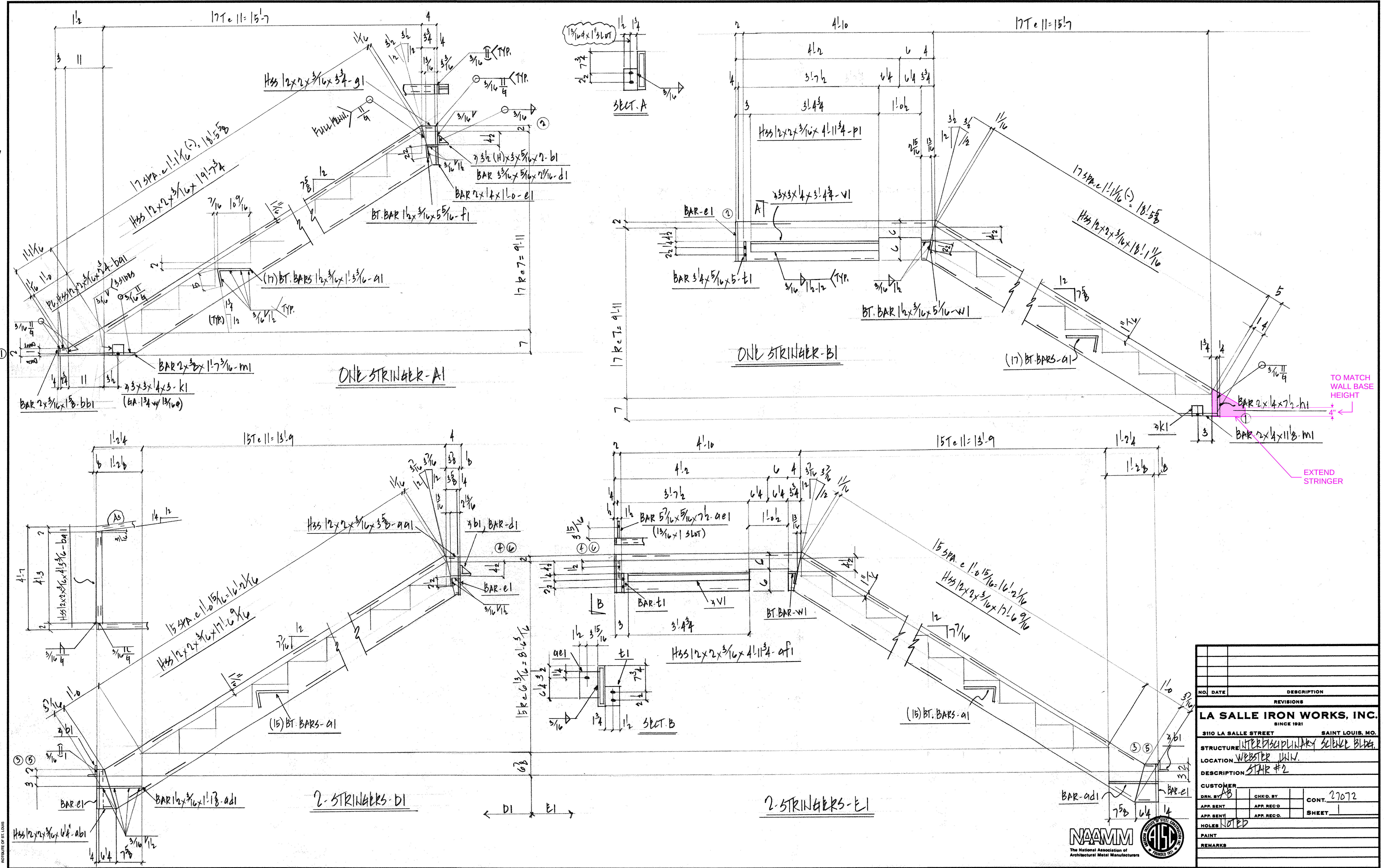


WELDING SYMBOLS



NOTE: ON DOUBLE MEMBERS WHERE F.A. MEMBER IS NOT SHOWN WELD NAME AS F.A. MEMBER NOTED.

A
B
C
D
E
F
G
H
K
M
N
P
T
V
W

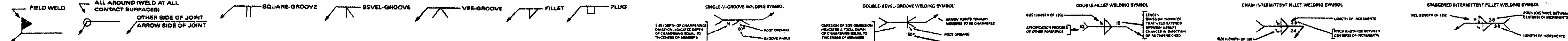


TO MATCH WALL BASE HEIGHT
4"
EXTEND STRINGER

NO. DATE		DESCRIPTION	
REVISIONS			
LA SALLE IRON WORKS, INC.			
3110 LA SALLE STREET SAINT LOUIS, MO.			
STRUCTURE INTERDISCIPLINARY SCIENCE BLDG.			
LOCATION WEBSTER UNIV.			
DESCRIPTION STAR #2			
CUSTOMER			
DRN. BY	CHKD. BY	CONT. 27072	
APP. SENT	APP. REC'D	SHEET	
APP. SENT	APP. REC'D	Holes NOTED	
PAINT			
REMARKS			

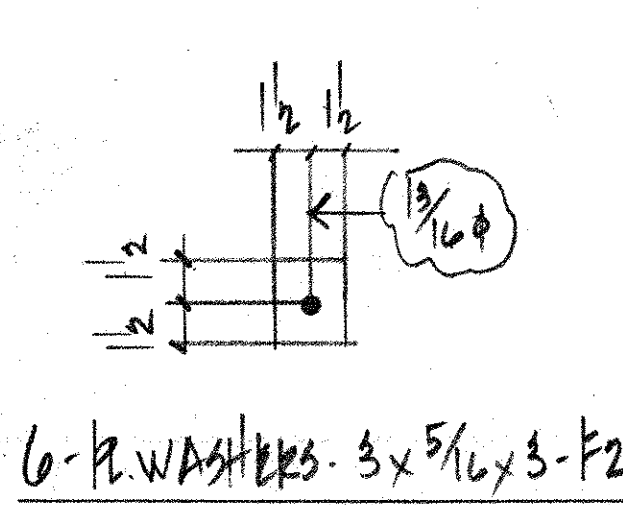
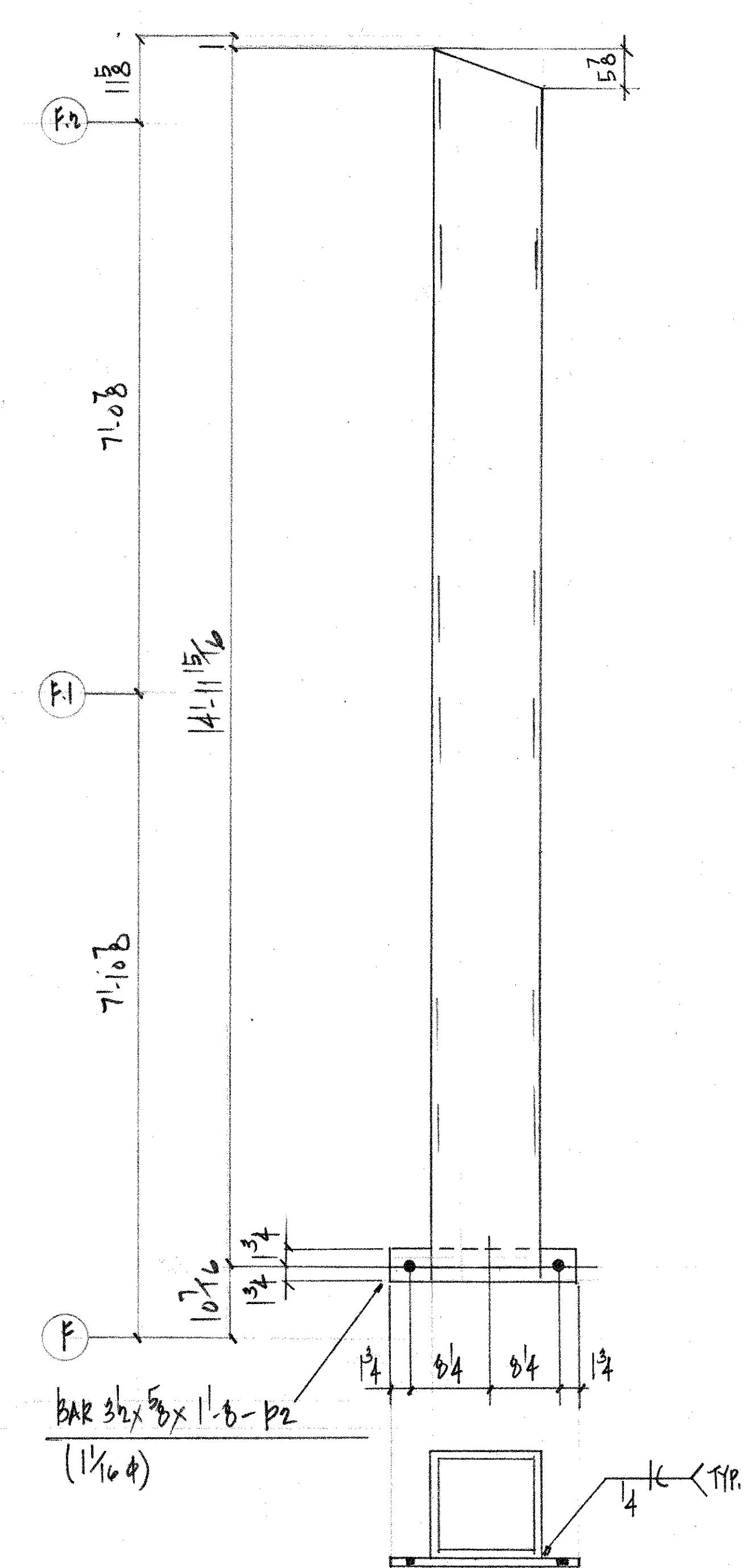
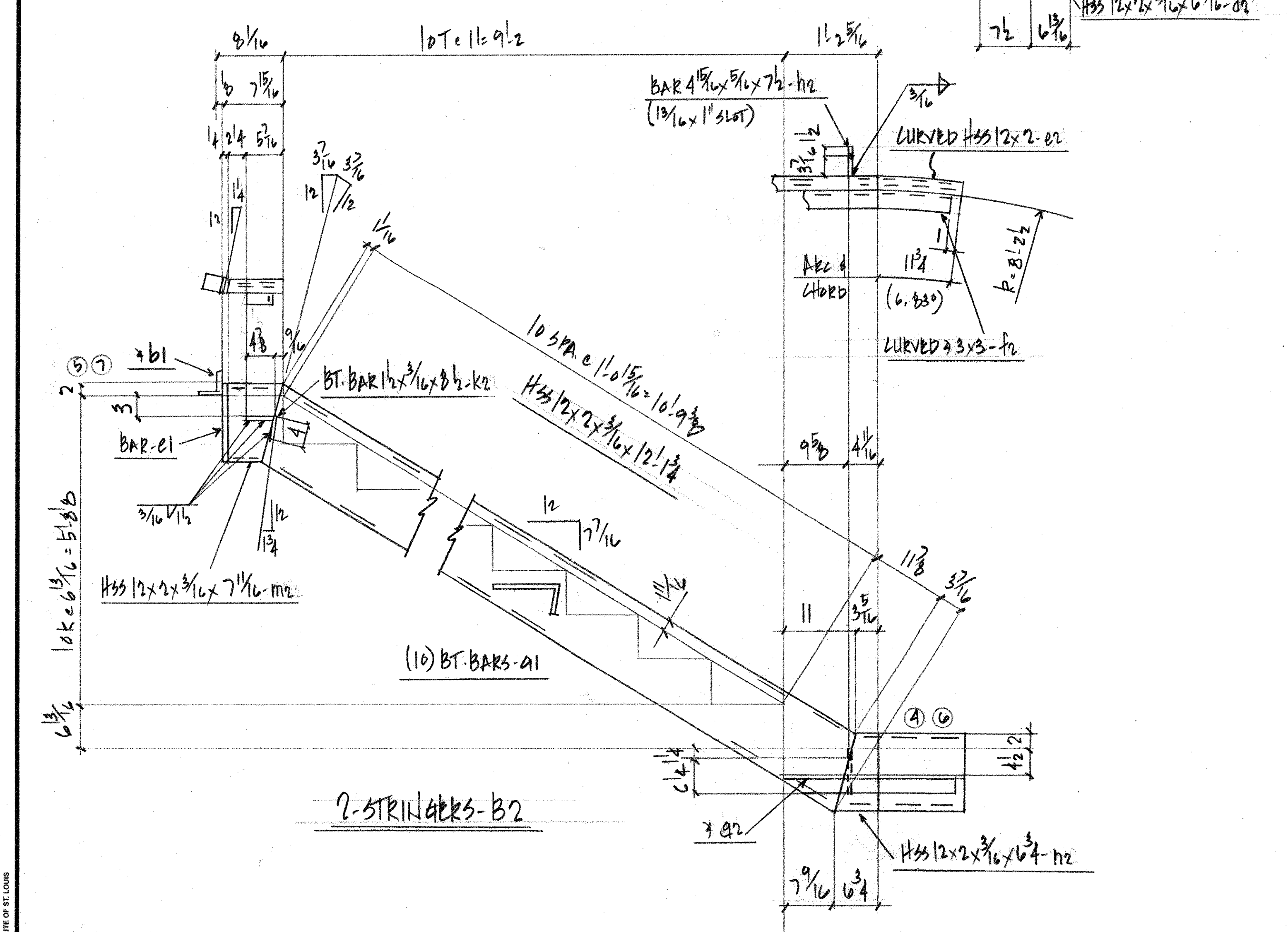
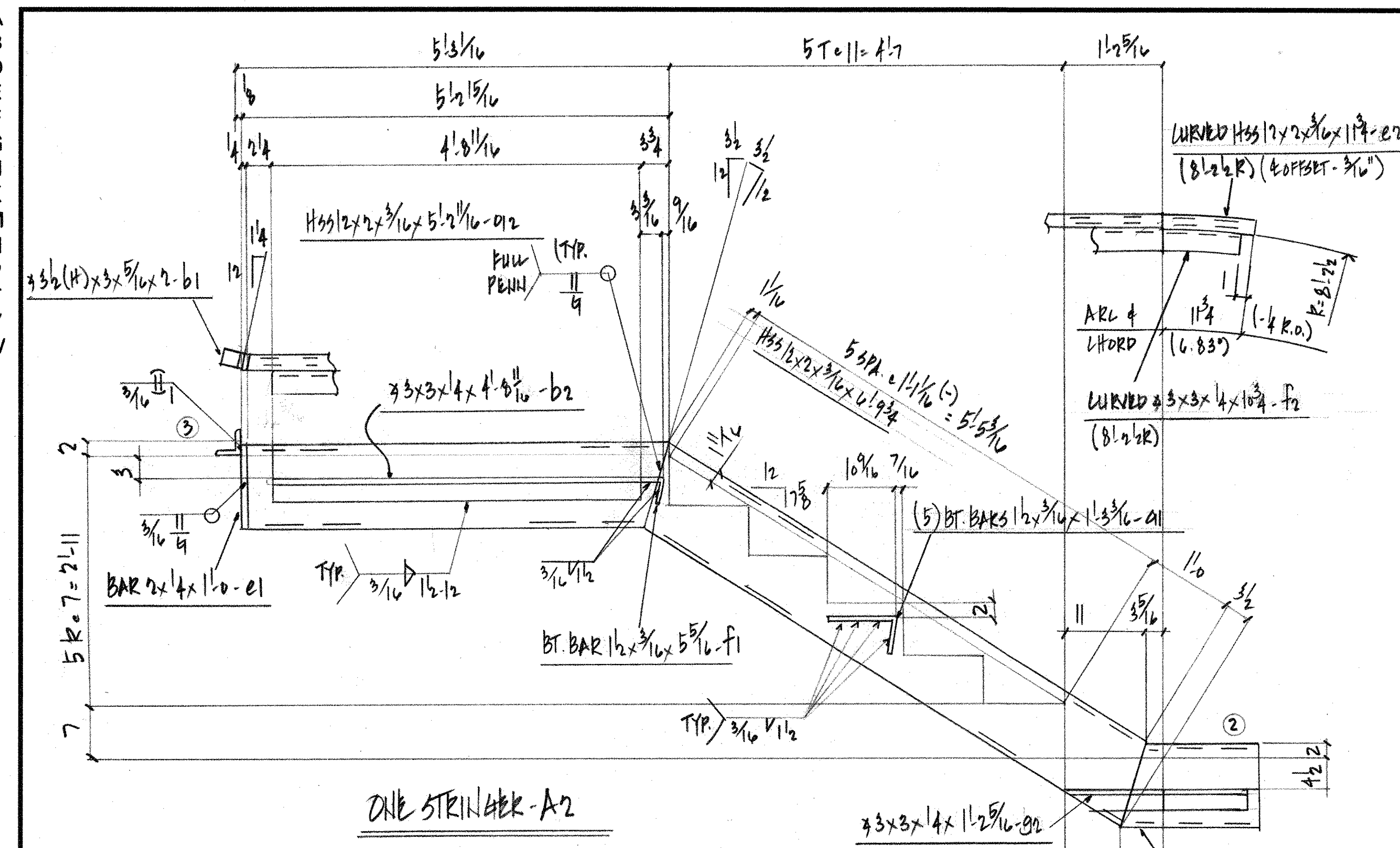


WELDING SYMBOLS

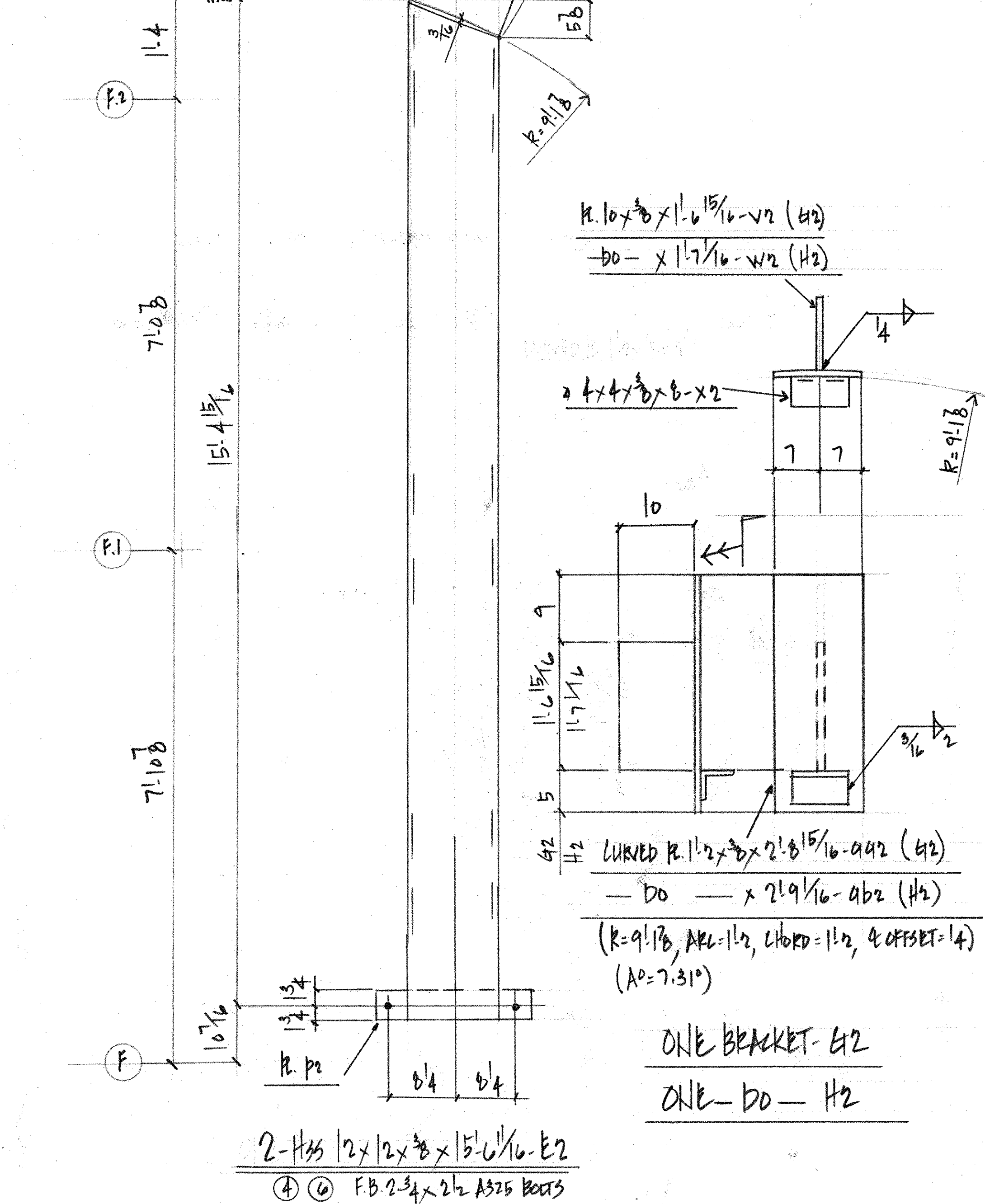


NOTE: ON DOUBLE MEMBERS WHERE F.B. MEMBER IS NOT SHOWN WELD SAME AS F.B. MEMBER NOTED.

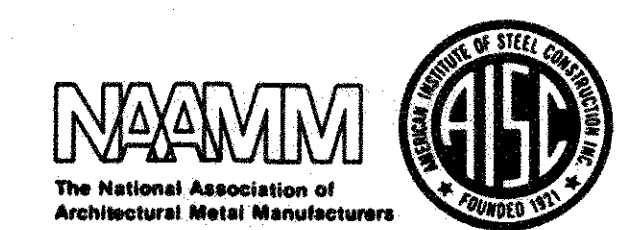
A
B
C
D
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V
W



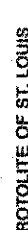
6-R. WASHERS-3x5/16x3-F2



NO. DATE		DESCRIPTION
REVISIONS		
LA SALLE IRON WORKS, INC.		
SINCE 1921		
3110 LA SALLE STREET SAINT LOUIS, MO.		
STRUCTURE INTERDISCIPLINARY SCIENCE BLDG.		
LOCATION WEBSTER UNIV.		
DESCRIPTION STAIR #2		
CUSTOMER ATLAS IRON WORKS		
DRN. BY AB	CHKD. BY	CONT. 27672
APP. SENT	APP. REC'D	SHEET 2
APP. SENT	APP. REC'D	
HOLES NOTED		
PAINT SHOP PRIME		
REMARKS BELVID. ONLY		



REQUIRE OF ST. LOUIS



MAIN MATERIAL

5-2) 2x2x1/4x4 534-M4 (LAM/E3)

6-BARS 3x1/4x1 1/4-M4 (PP/E3)

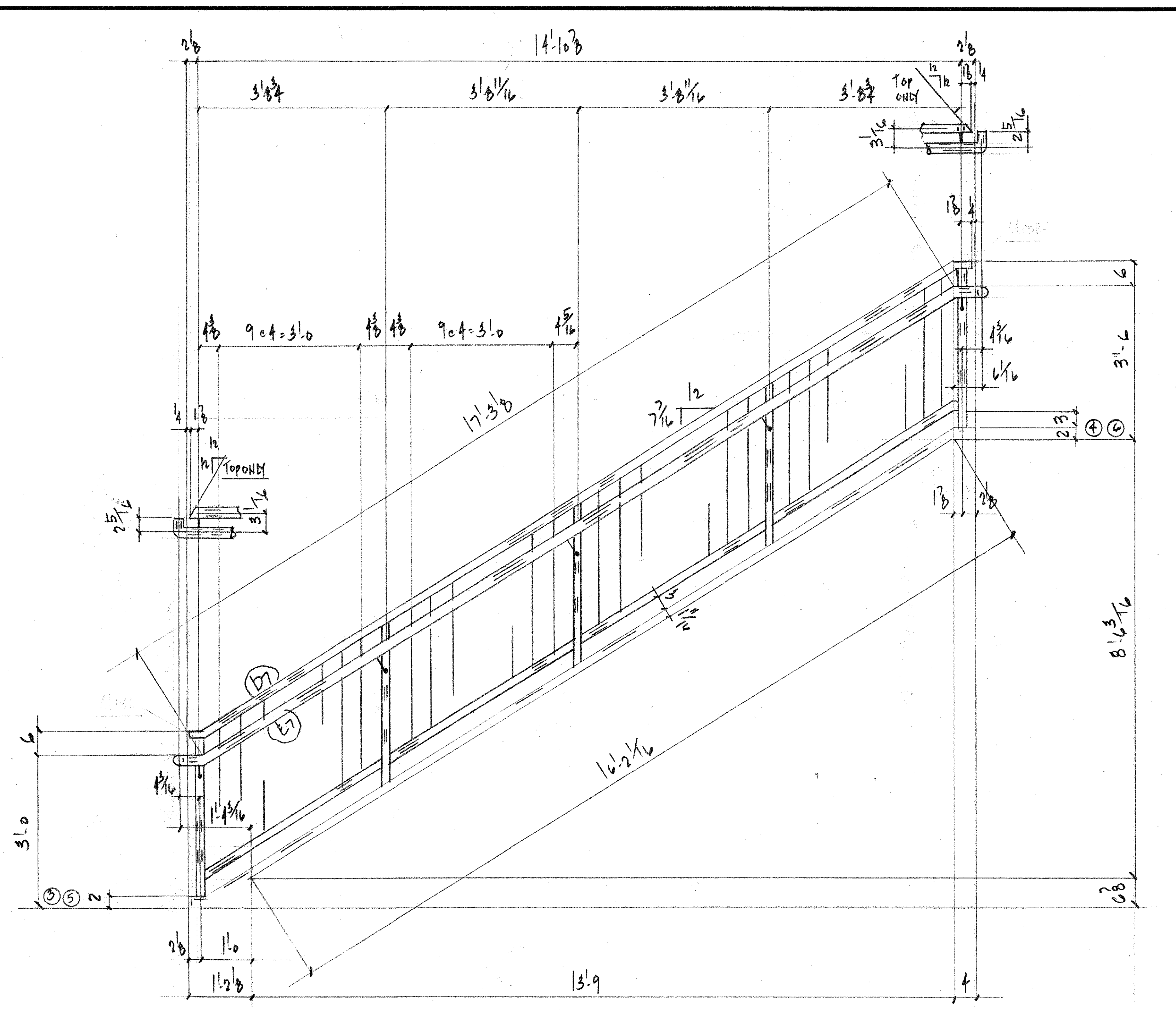
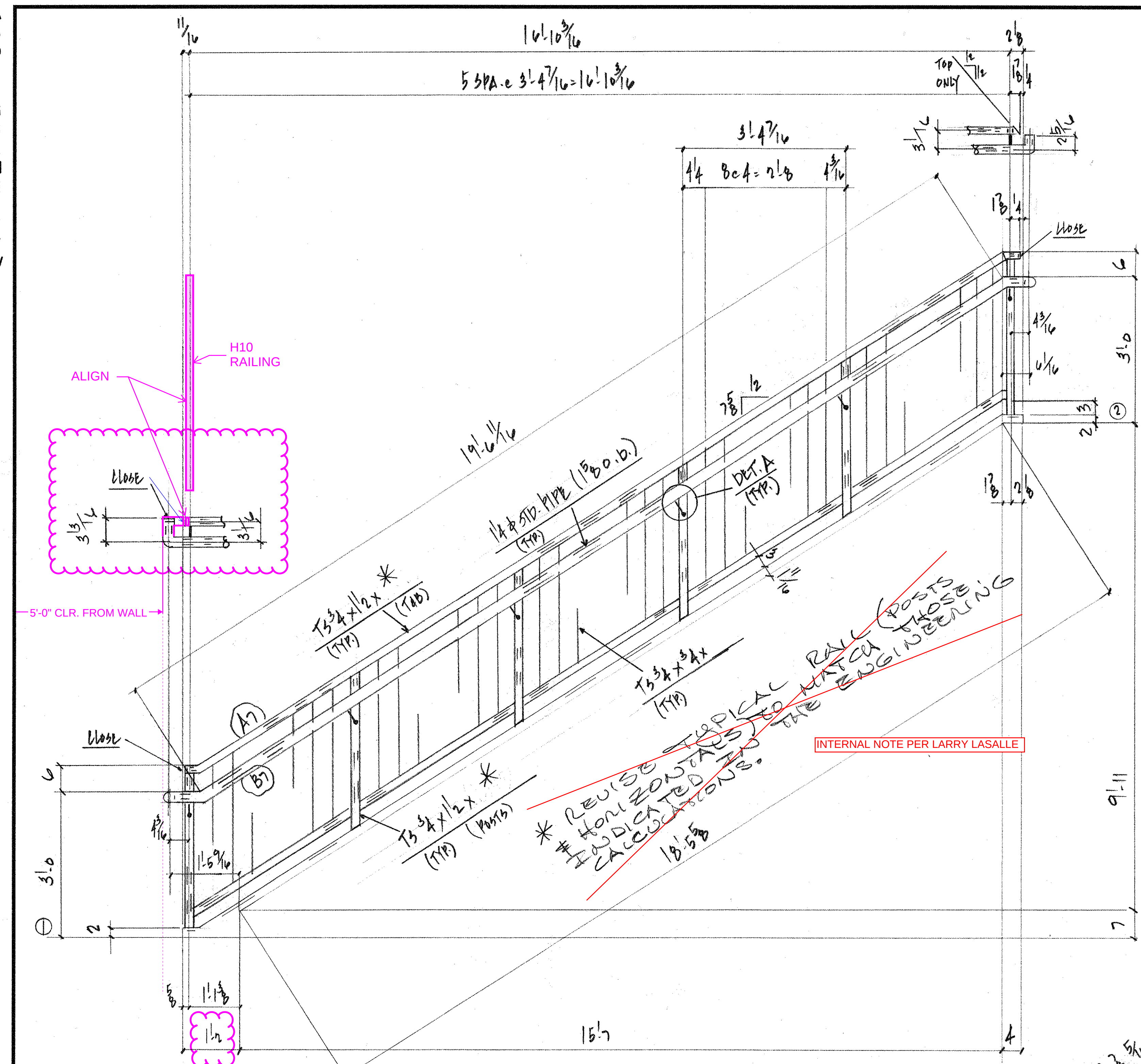
39-124x5" HD. STUDS-T4 (H/E2)

WELDING SYMBOLS



NOTE: ON DOUBLE MEMBERS WHERE F.B. MEMBER IS NOT SHOWN WELD SHALL BE AS N.B. MEMBER NOTED.

A
B
C
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M
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P
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W



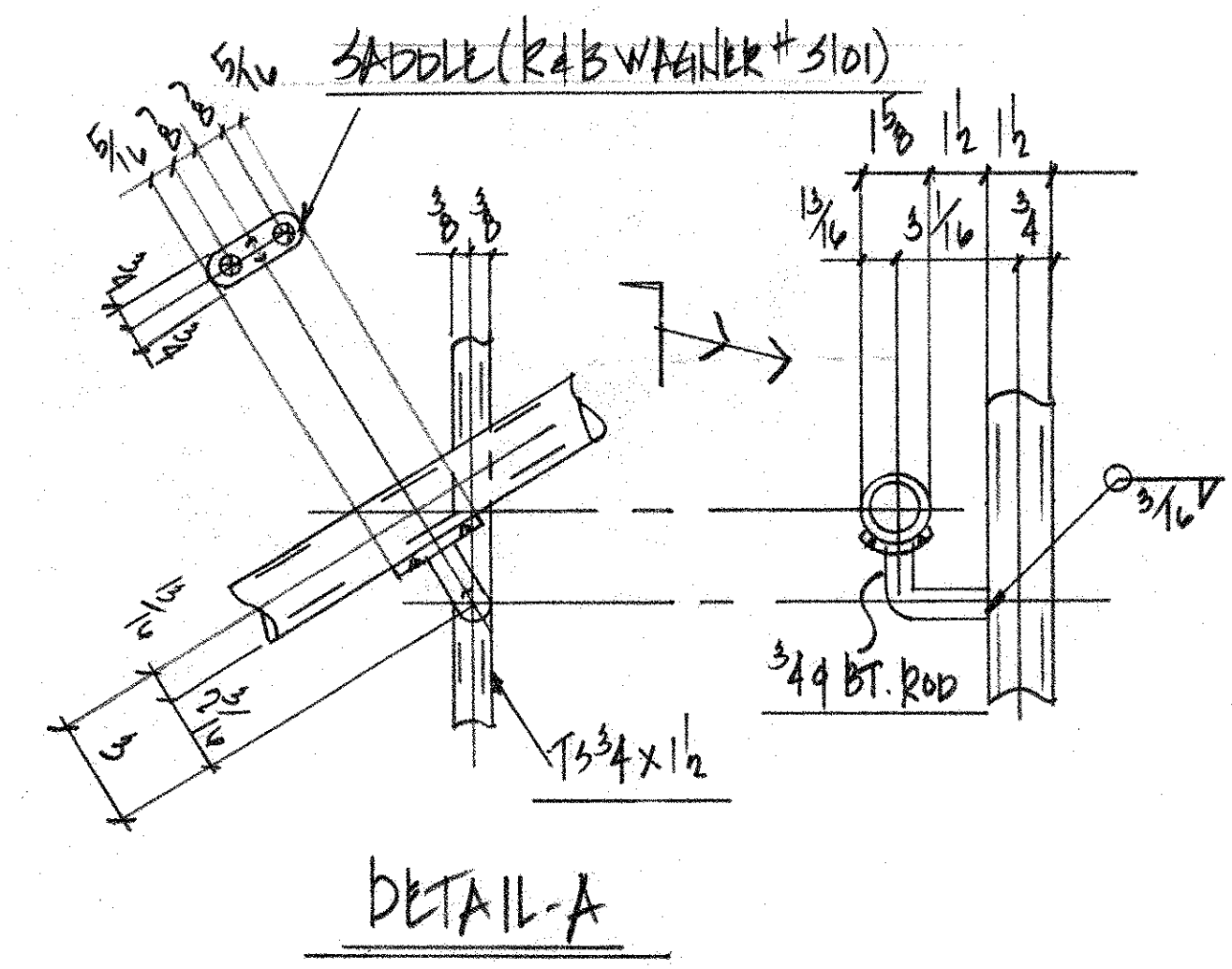
ADJUST AS NEEDED. MIN. 1'-0"

ONE GUARD RAIL-A7

ONE HAND RAIL-B7

2-GUARD RAILS-B7

2-HAND RAILS-E7



NO.	DATE	DESCRIPTION
REVISIONS		
LA SALLE IRON WORKS, INC.		
3110 LA SALLE STREET SAINT LOUIS, MO.		
STRUCTURE INTERDISCIPLINARY SCIENCE BLDG.		
LOCATION WEBSTER UNIV.		
DESCRIPTION STAIR #2		
CUSTOMER ATLAS IRON WORKS		
DRN. BY	CHKD. BY	CONT. 27072
APP. SENT	APP. REC'D	SHEET 7
APP. SENT	APP. REC'D	
HOLES NONE		
PAINT SHOP PRIME		
REMARKS DELIV. ONLY		



WELDING SYMBOLS

FIELD WELD

ALL AROUND WELD AT ALL CONTACT SURFACES OTHER SIDE OF JOINT

SQUARE-GROOVE

BEVEL-GROOVE

VEE-GROOVE

FILLET

PLUG

SINGLE V-GROOVE WELDING SYMBOL

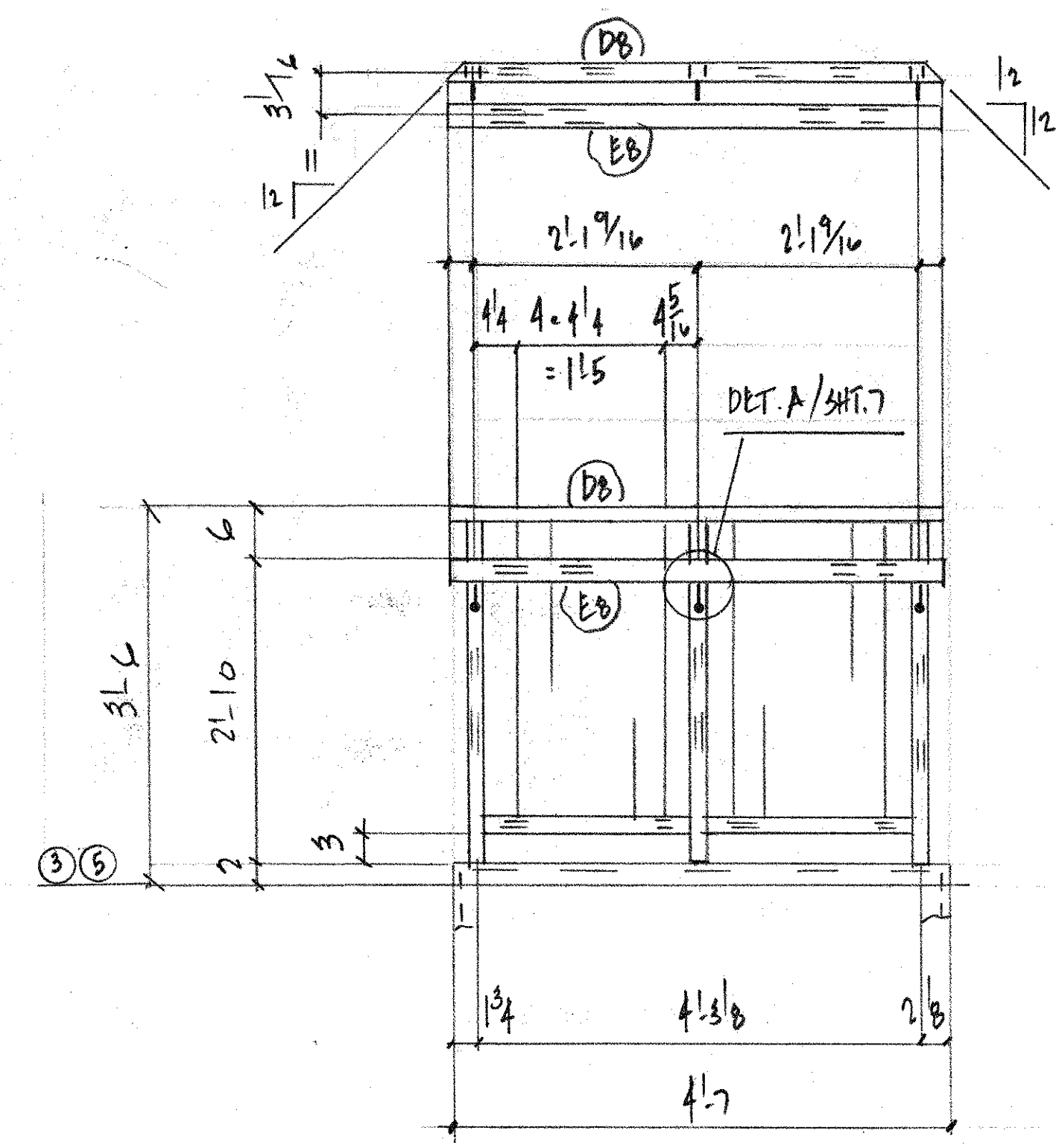
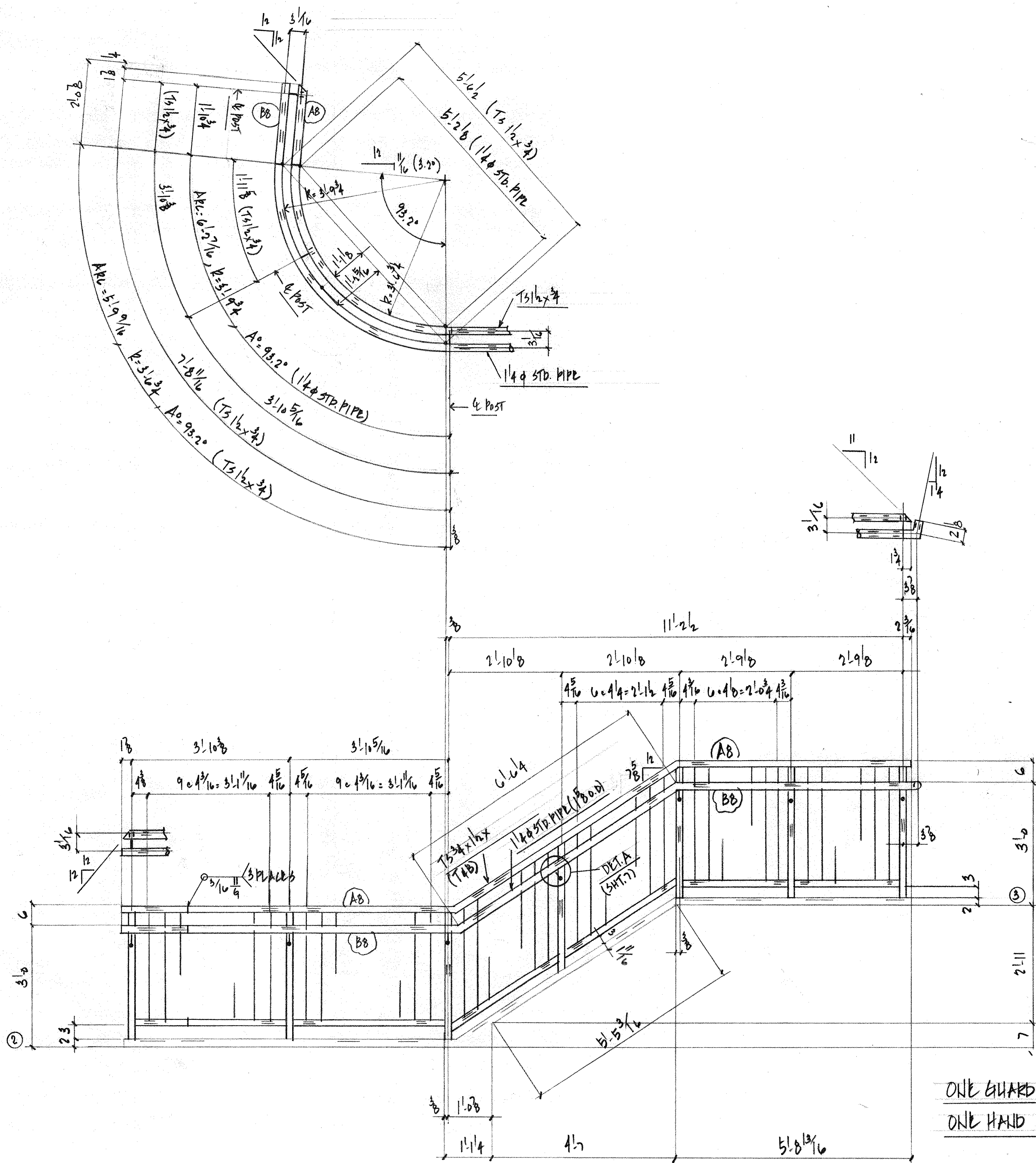
DOUBLE V-GROOVE WELDING SYMBOL

DOUBLE FILLET WELDING SYMBOL

CHAIN INTERMITTENT FILLET WELDING SYMBOL

STAGGERED INTERMITTENT FILLET WELDING SYMBOL

NOTE: ON DOUBLE MEMBERS WHERE F.B. MEMBER IS NOT SHOWN WELD SAME AS N.B. MEMBER NOTED.



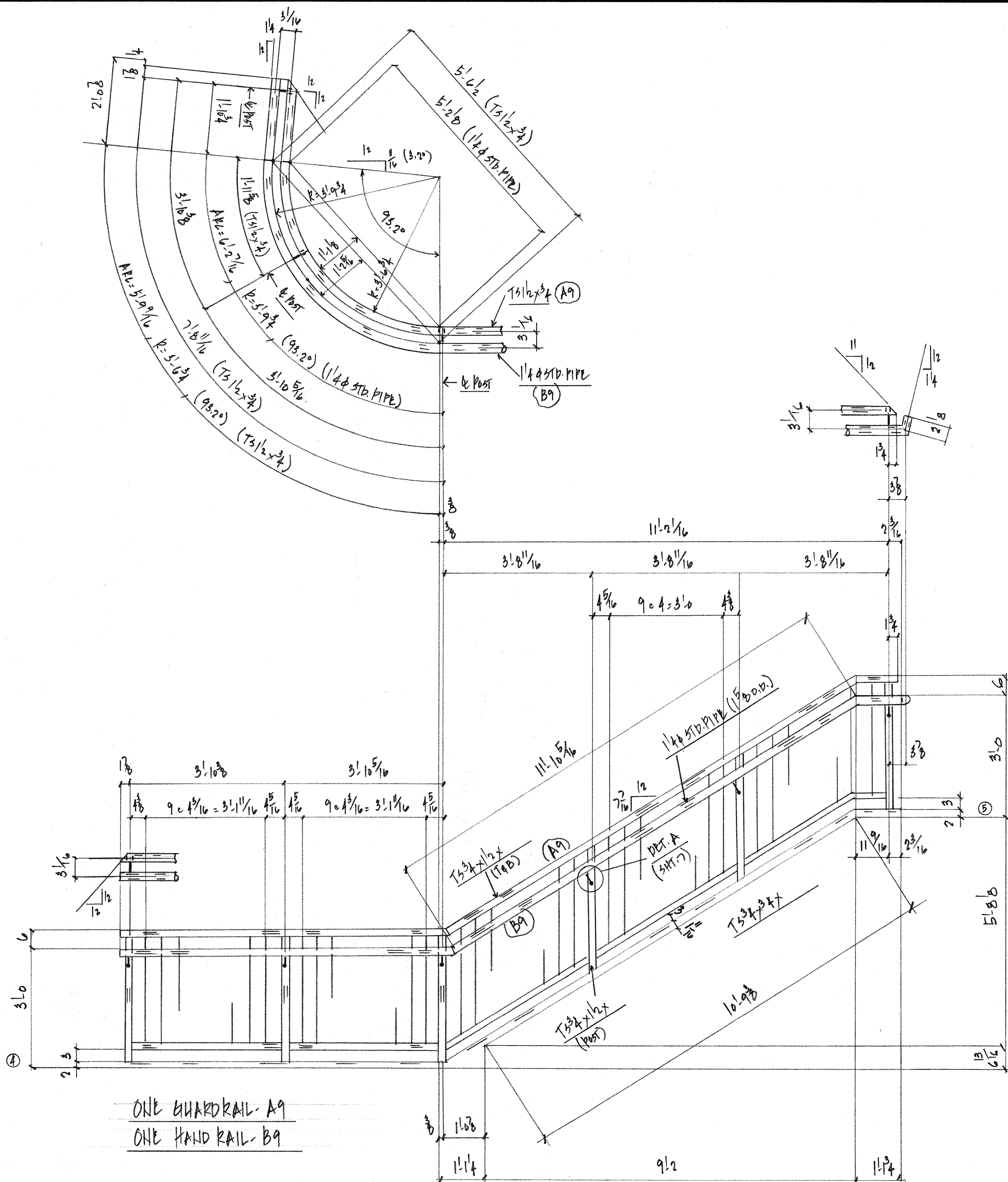
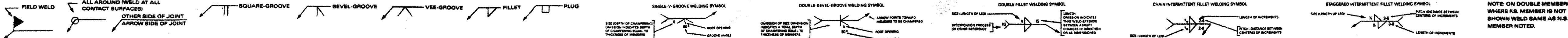
2- GUARD RAILS- DB
2- HANDRAILS- EB

ONE GUARD RAIL- AB
ONE HAND RAIL- BB

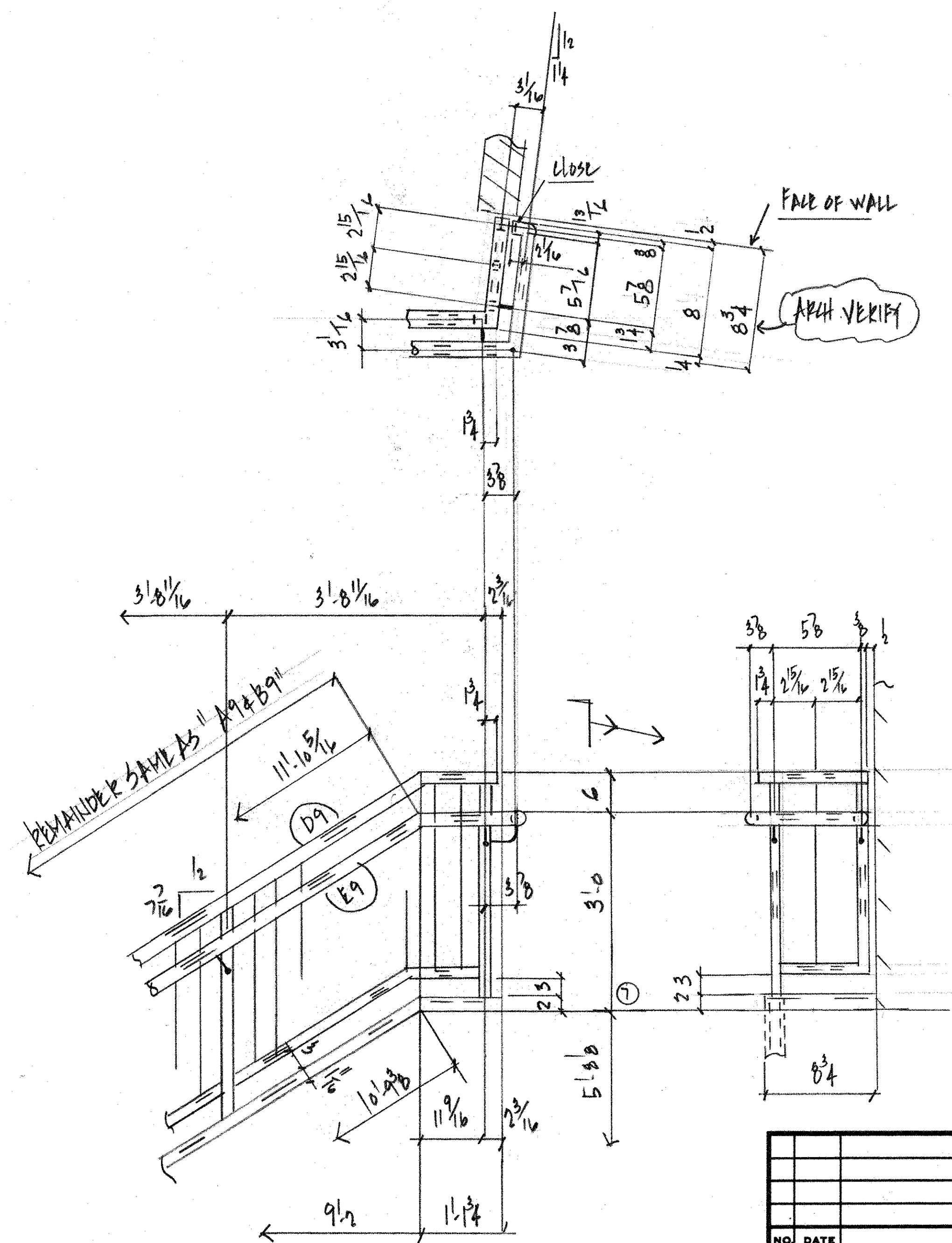
NO.		DATE		DESCRIPTION	
REVISIONS					
LA SALLE IRON WORKS, INC.					
3110 LA SALLE STREET SAINT LOUIS, MO.					
STRUCTURE INTERDISCIPLINARY SCIENCE BLDG.					
LOCATION WEBSTER UNIV.					
DESCRIPTION STAIR #2					
CUSTOMER ATLAS IRON WORKS					
DRN. BY	AB	CHKD. BY		CONT.	27072
APP. SENT		APP. REC'D		SHEET	8
APP. SENT		APP. REC'D			
HOLES NONE					
PAINT SHOP PRIME					
REMARKS BELND. ONLY					



WELDING SYMBOLS



ONE GUARDRAIL-A9
ONE HAND RAIL-B9



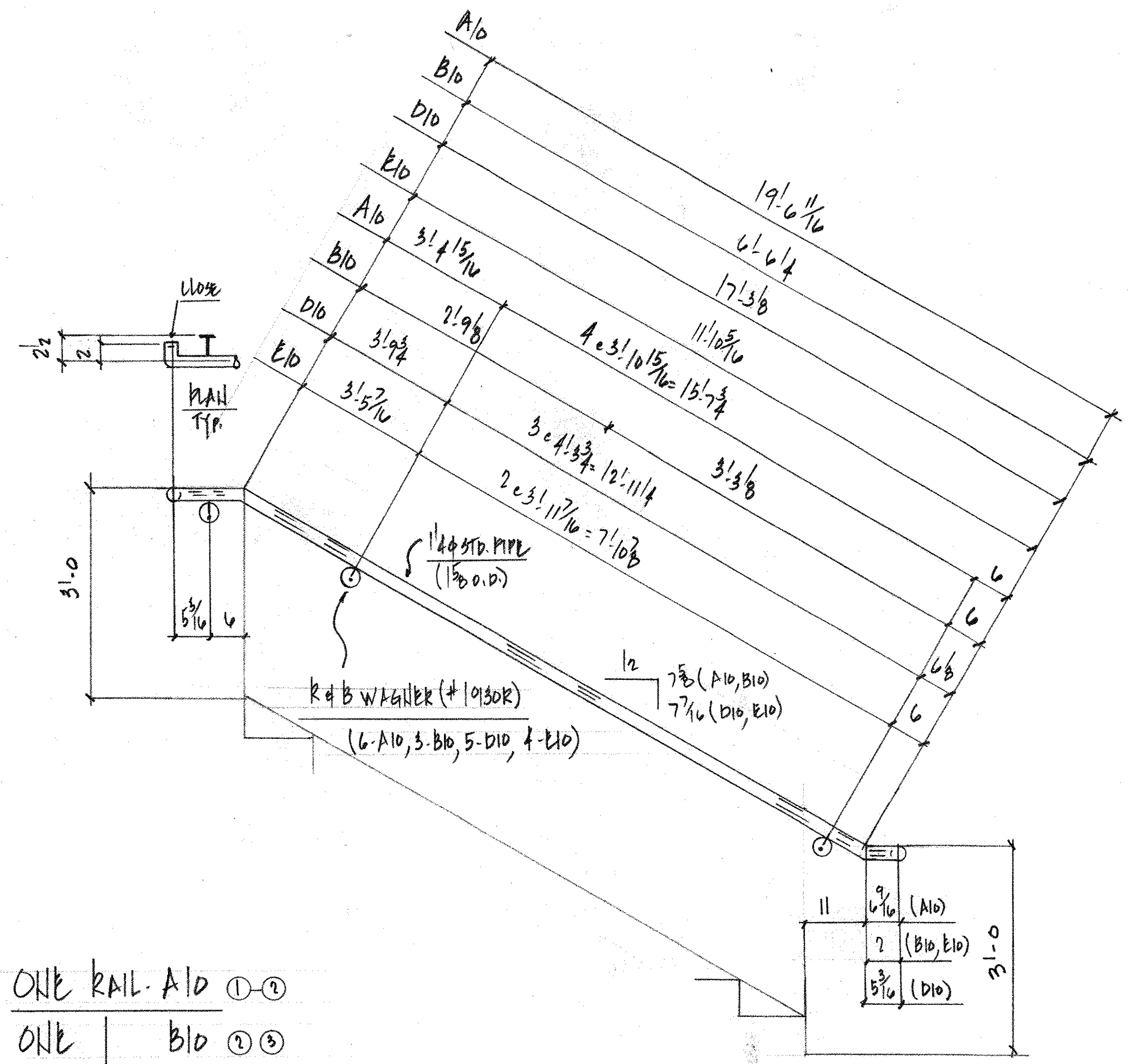
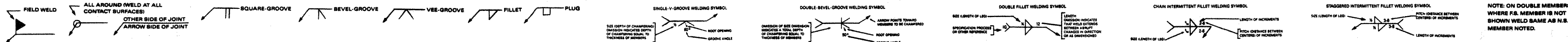
ONE GUARDRAIL-B9
ONE HANDRAIL-E9

NO. DATE		DESCRIPTION	
REVISIONS			
LA SALLE IRON WORKS, INC.			
SINCE 1921			
3110 LA SALLE STREET		SAINT LOUIS, MO.	
STRUCTURE INTERDISCIPLINARY SCIENCE BLDG.			
LOCATION WEBSTER UNIV.			
DESCRIPTION STAIR #2			
CUSTOMER ATLAS IRON WORKS			
DRN. BY AB	CHKD. BY	CONT. 22072	
APP. SENT	APP. REC'D	SHEET 9	
APP. SENT	APP. REC'D		
HOLES NONE			
PAINT SHOP PRIME			
REMARKS DELIV. ONLY			



A B C D E F G H K M N P T V W

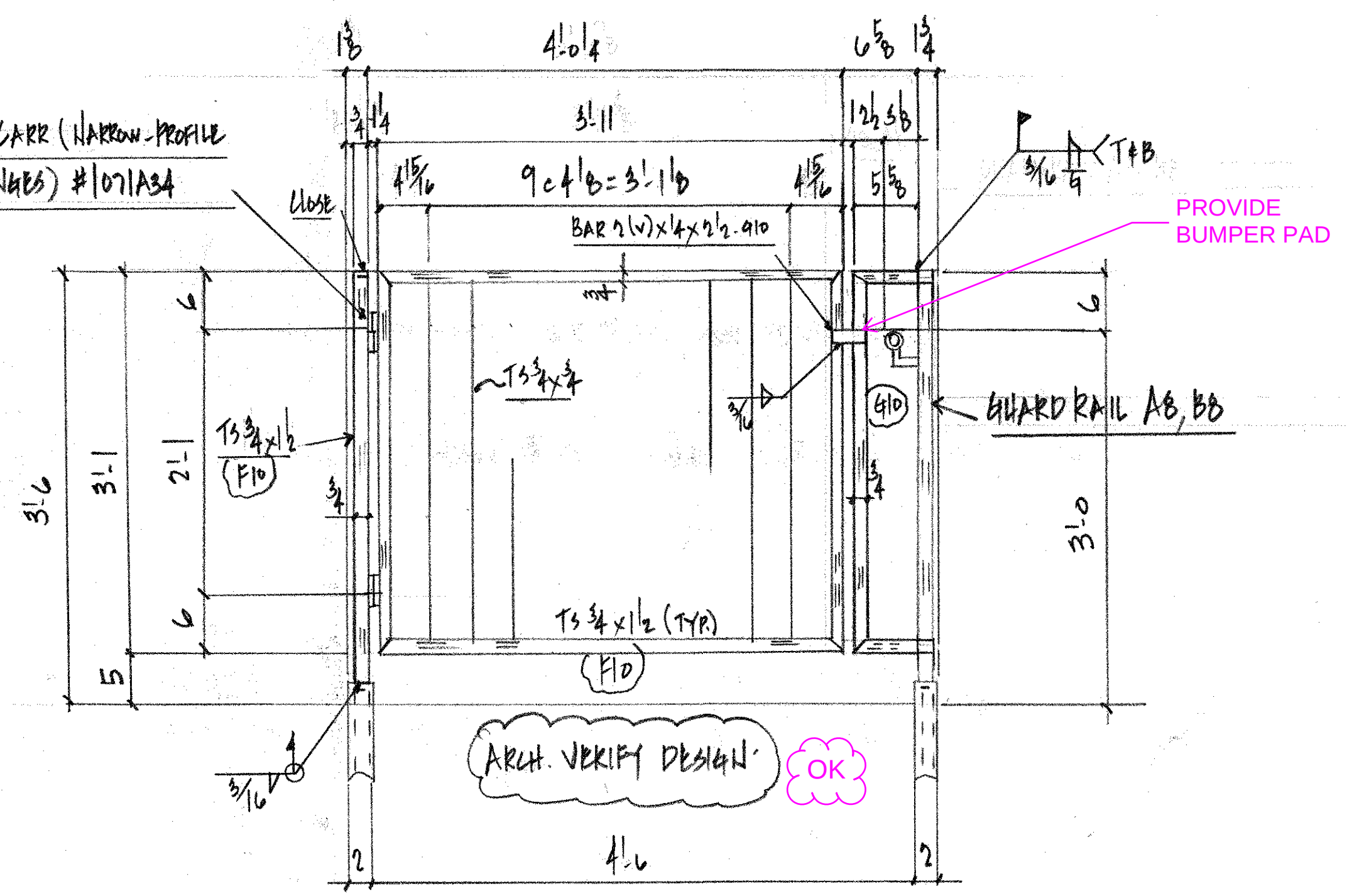
WELDING SYMBOLS



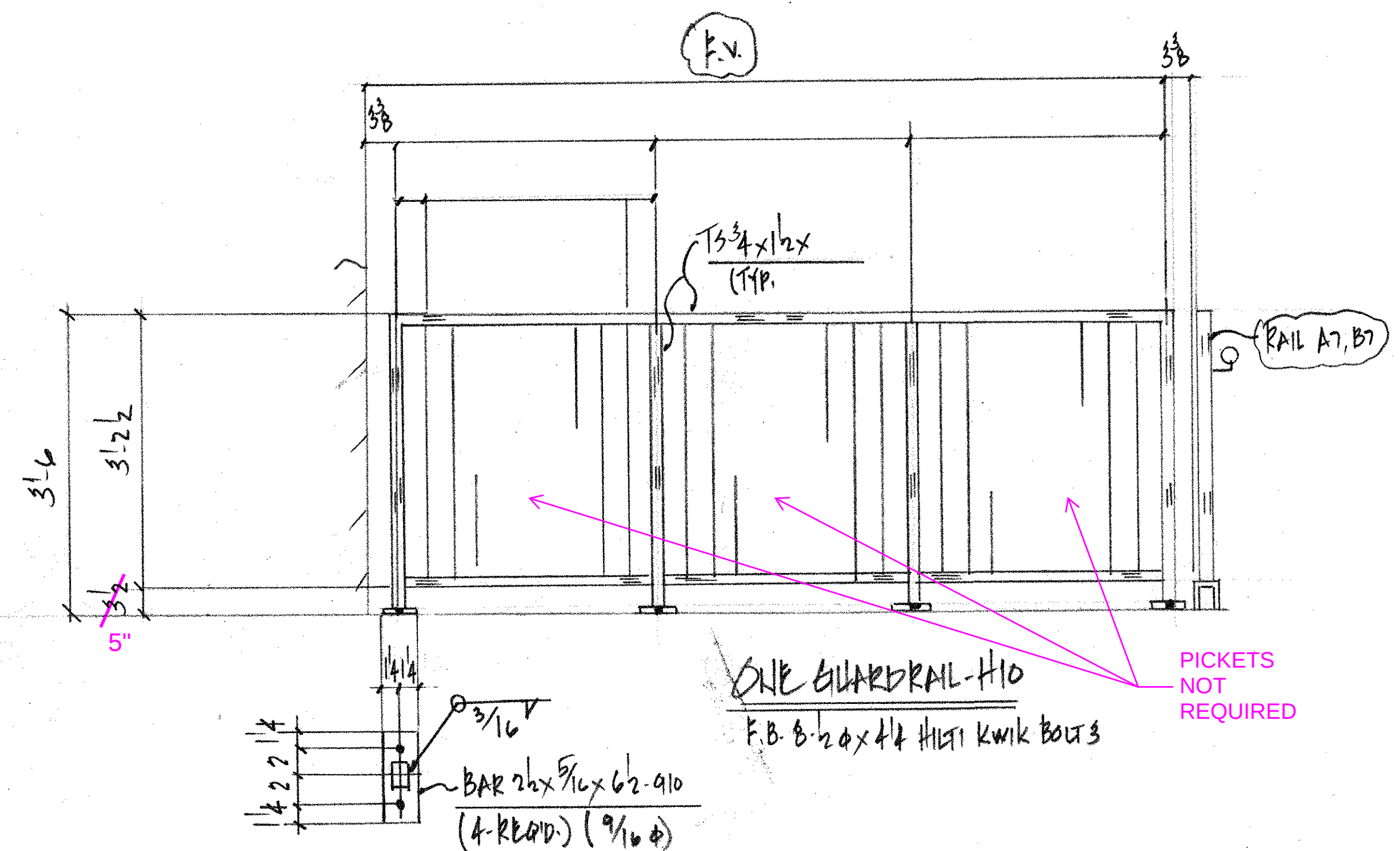
ONE RAIL A10	①-②
ONE B10	②-③
2 D10	③-④, ⑤-⑥
2 E10	④-⑤, ⑥-⑦

SOFT CLOSING SPRING HINGES

MASTER-CARR (NARROW-PROFILE WELD-ON HINGES) #1071A34



ONE GATE w/ POST-F10
ONE SIDE FRAME-610



PICKETS NOT REQUIRED

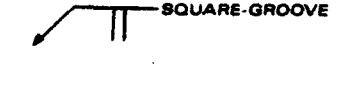
NO.	DATE	DESCRIPTION
REVISIONS		
LA SALLE IRON WORKS, INC.		
3110 LA SALLE STREET SAINT LOUIS, MO.		
STRUCTURE INTERDISCIPLINARY SCIENCE Bldg.		
LOCATION WEBSTER UNIV.		
DESCRIPTION STAIR #2		
CUSTOMER ATLAS IRON WORKS		
DRN. BY	CHKD. BY	CONT. 27072
APP. SENT	APP. REC'D	SHEET 10
APP. SENT	APP. REC'D	
HOLES NOTED		
PAINT STOP PRIME		
REMARKS WELD. ONLY		



WELDING SYMBOLS



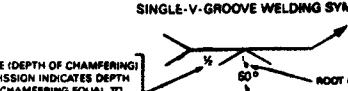
ALL AROUND WELD AT ALL CONTACT SURFACES OTHER SIDE OF JOINT ARROW SIDE OF JOINT



SINGLE V-GROOVE WELDING SYMBOL



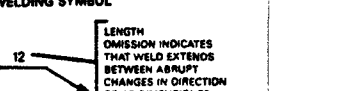
DOUBLE V-GROOVE WELDING SYMBOL



CHAIN INTERMITTENT FILLET WELDING SYMBOL



STAGGERED INTERMITTENT FILLET WELDING SYMBOL



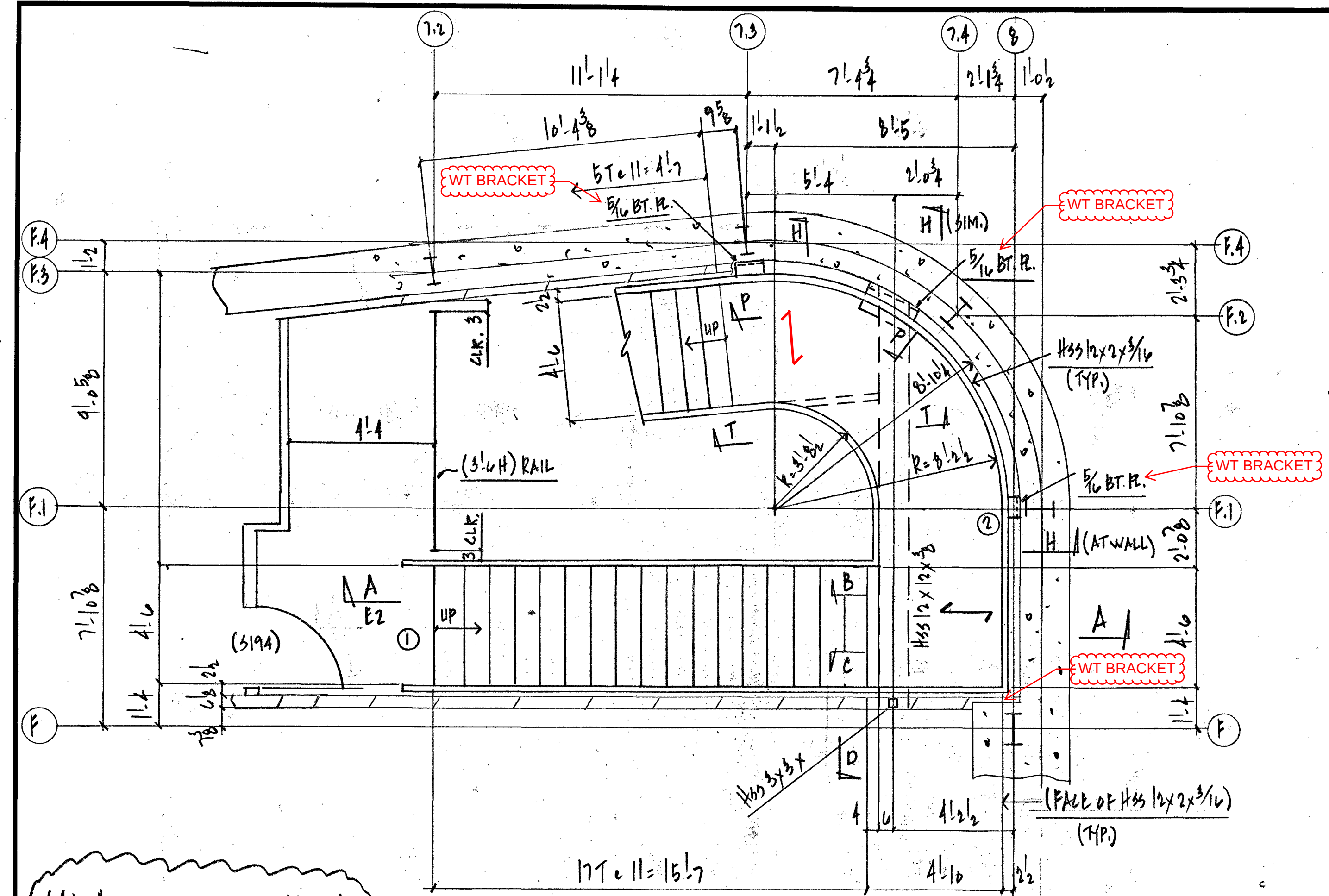
STAGGERED INTERMITTENT FILLET WELDING SYMBOL WITH REINFORCEMENT



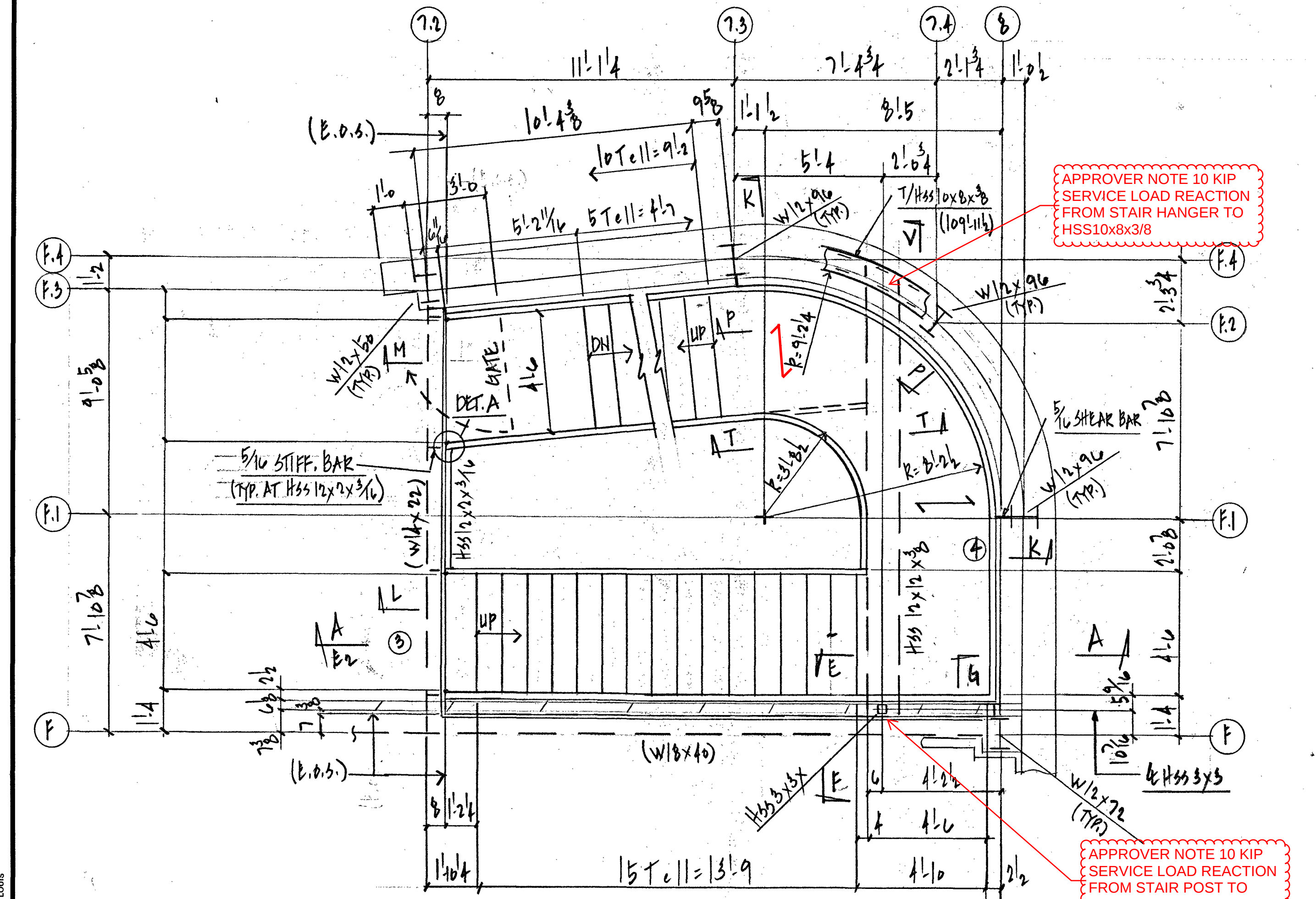
STAGGERED INTERMITTENT FILLET WELDING SYMBOL WITH REINFORCEMENT AND REINFORCEMENT

NOTE: ON DOUBLE MEMBERS WHERE F.B. MEMBER IS NOT SHOWN WELD SAME AS F.B. MEMBER NOTED.

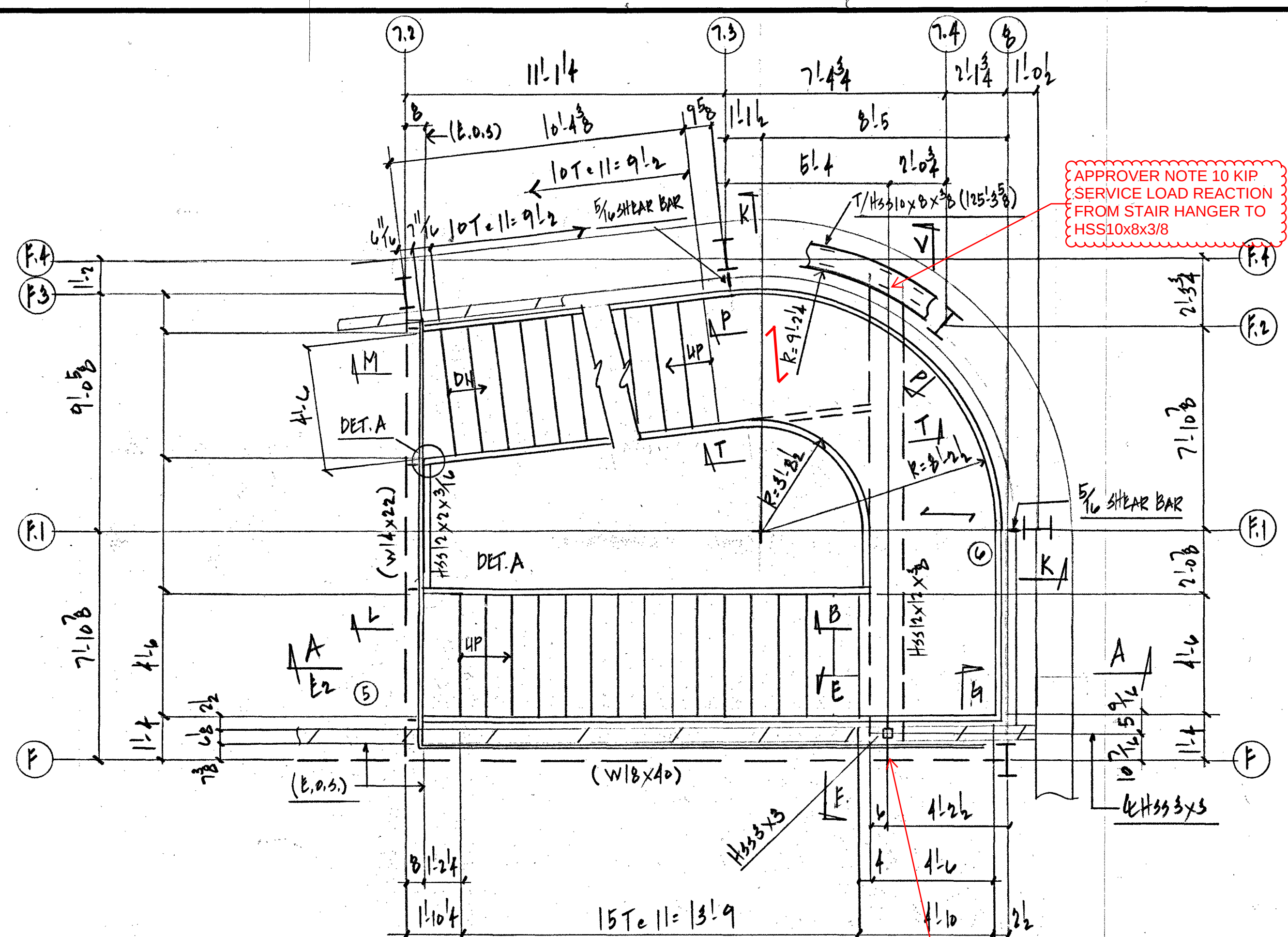
ABCDEFGHIJKLMNPQVW



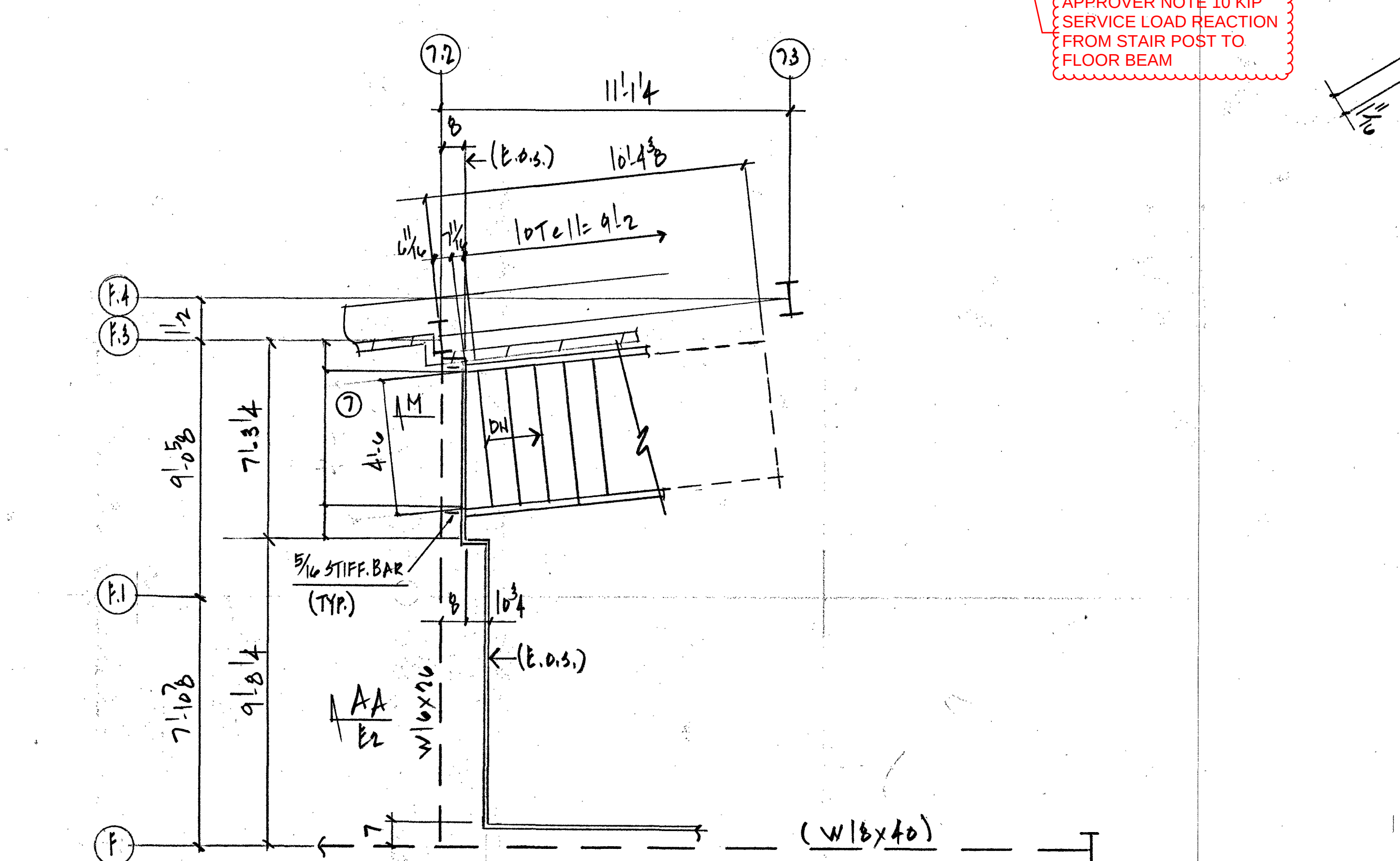
PLAN AT STAIR #2 (LEVEL 1)
(1/A0502)



PLAN AT LEVEL 2 (2/A0502)



PLAN AT LEVEL 3
(3/A0502)

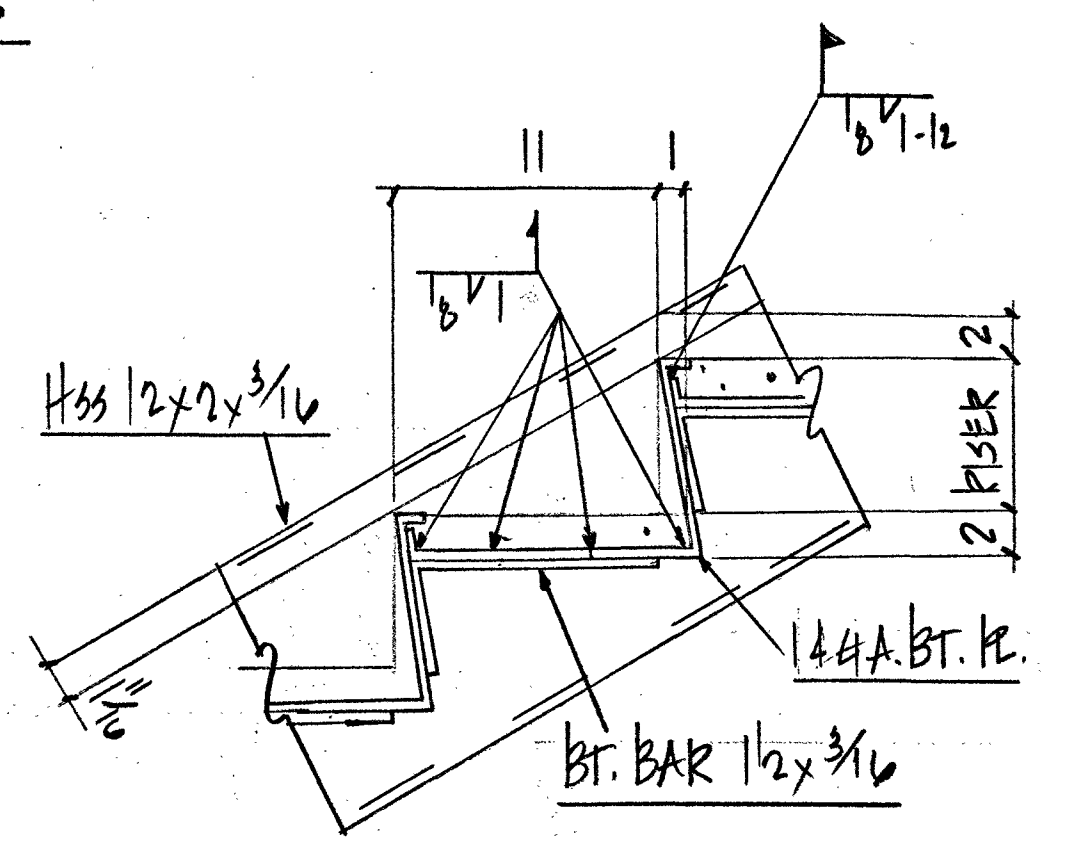


PLAN AT LEVEL 4
(4/A0502)

E1 W/ ENGINEER MARKUPS, INCLUDED PER LARRY LASALLE

APPROVER NOTE 10 KIP SERVICE LOAD REACTION FROM STAIR HANGER TO HSS10x8x3/8

APPROVER NOTE 10 KIP SERVICE LOAD REACTION FROM STAIR POST TO FLOOR BEAM

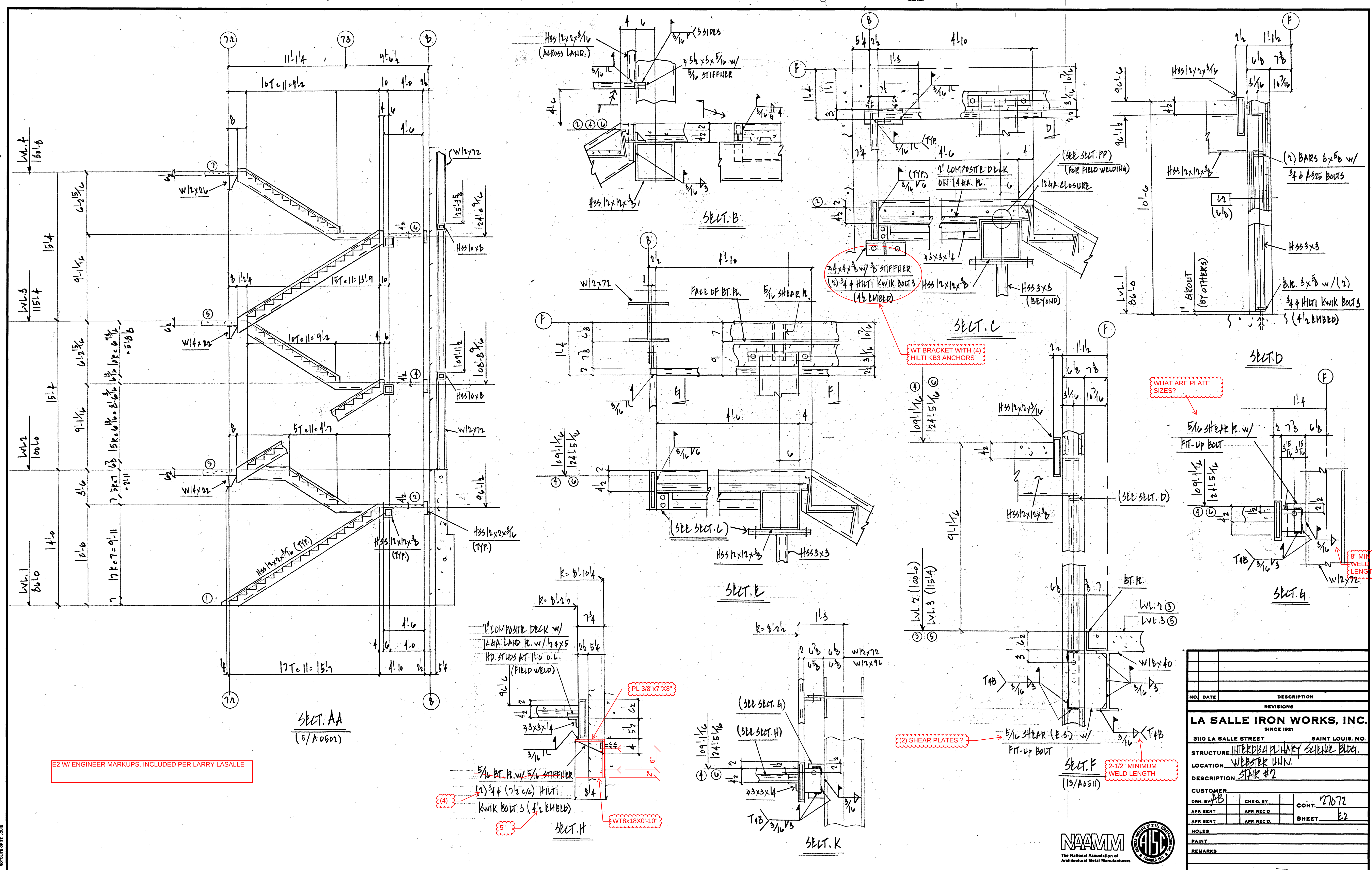


TYP. TREAD DETAIL

SECT'S. & DETAILS ARE SHOWN ON "E2 & E3"

NO.	DATE	DESCRIPTION			
REVISIONS					
LA SALLE IRON WORKS, INC.					
SINCE 1921					
3110 LA SALLE STREET			SAINT LOUIS, MO.		
STRUCTURE		INTERDISCIPLINARY SCIENCE BLDG.			
LOCATION		WEBSTER UNIV.			
DESCRIPTION		STAIR #2			
CUSTOMER					
DRN. BY AB		CHKD. BY		CONT. 27072	
APP. SENT		APP. REC'D			
APP. SENT		APP. REC'D		SHEET E1	
HOLES					
PAINT					
REMARKS					





E2 W/ ENGINEER MARKUPS, INCLUDED PER LARRY LASALLE

SECT. AA
(5/A0502)

2" COMPOSITE DECK w/
14 GA. LAND. PL. w/ 1/2" x 1"
HD. STUDS AT 16" O.C.

~~5/16 BT B.W/ 5/16 STIFFEN~~
(2) 3/4 (7 1/2 c/c) HILT
KWIK BOLT 3 (1 1/2 EMBL)

DL 2/8"x7"

8x18X0'-10" }

{ (2) SHEAR PLATES ? }

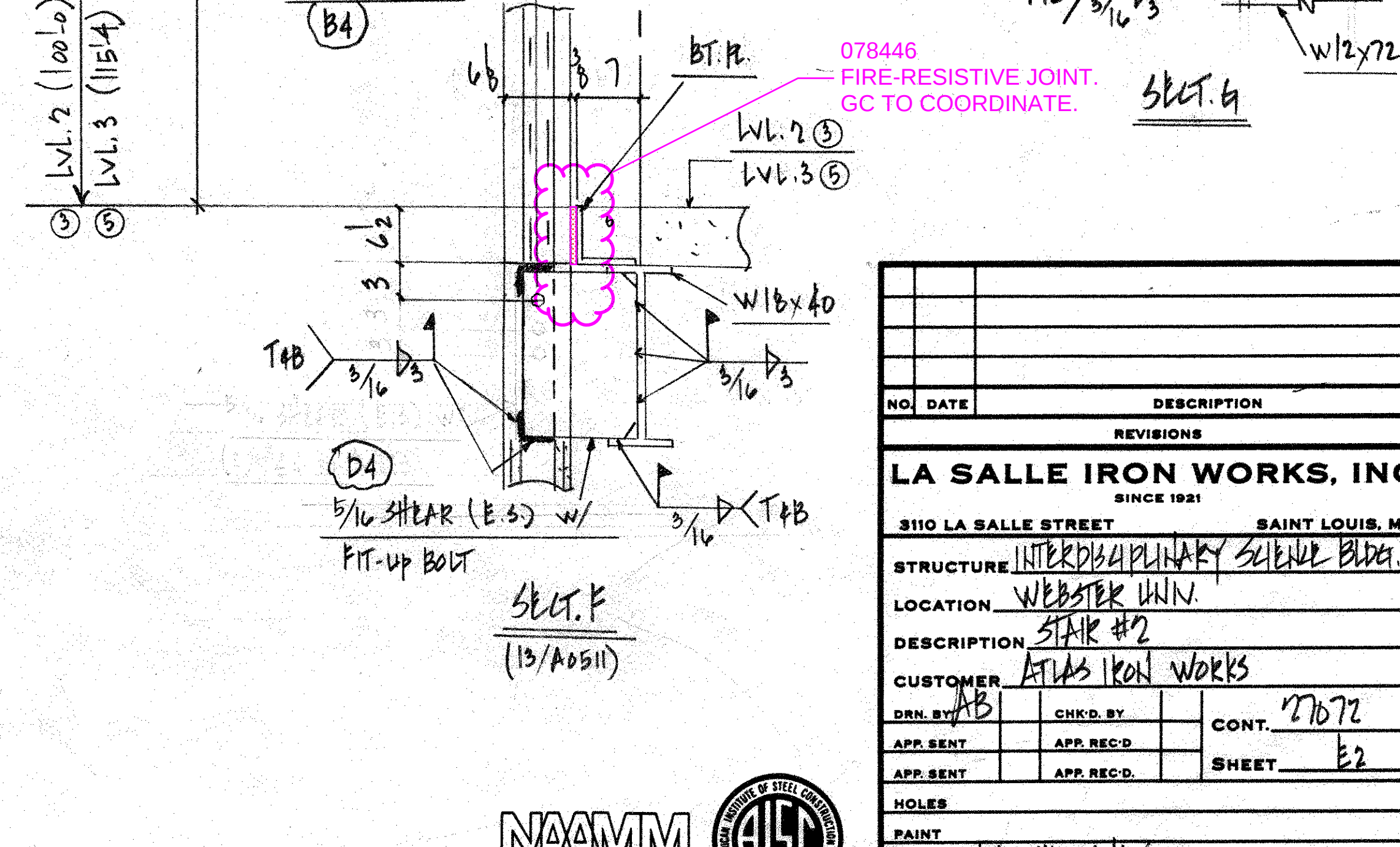
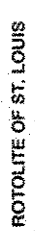
2-1/2" MINIMUM
WELD LENGTH

NAAMM
The National Association of
Architectural Metal Manufacturers



NO.	DATE	DESCRIPTION			
REVISIONS					
LA SALLE IRON WORKS, INC.					
SINCE 1921					
3110 LA SALLE STREET			SAINT LOUIS, MO.		
STRUCTURE	INTERDISCIPLINARY SCIENCE BLDG.				
LOCATION	WEBSTER UNIV.				
DESCRIPTION	STAIR #2				
CUSTOMER	AB1				
DRN. BY	CHKD. BY		CONT. 77072		
APP. SENT	APP. REC'D				
APP. SENT	APP. REC'D		SHEET E2		
HOLDS					
PAINT					
REMARKS					





SELT. K

NO.		DATE		DESCRIPTION					
REVISIONS									
LA SALLE IRON WORKS, INC.									
3110 LA SALLE STREET				SAINT LOUIS, MO.					
STRUCTURE				<i>INTERDISCIPLINARY SCIENCE BLDG.</i>					
LOCATION				<i>WEBSTER UMN.</i>					
DESCRIPTION				<i>STAIR #2</i>					
CUSTOMER				<i>ATLAS IRON WORKS</i>					
DRN. BY		CHK'D. BY		CONT.					
<i>AB</i>				<i>77672</i>					
APP. SENT		APP. REC'D		SHEET					
				<i>E2</i>					
HOLES									
PAINT									
REMARKS <i>DELVID ONLY</i>									

