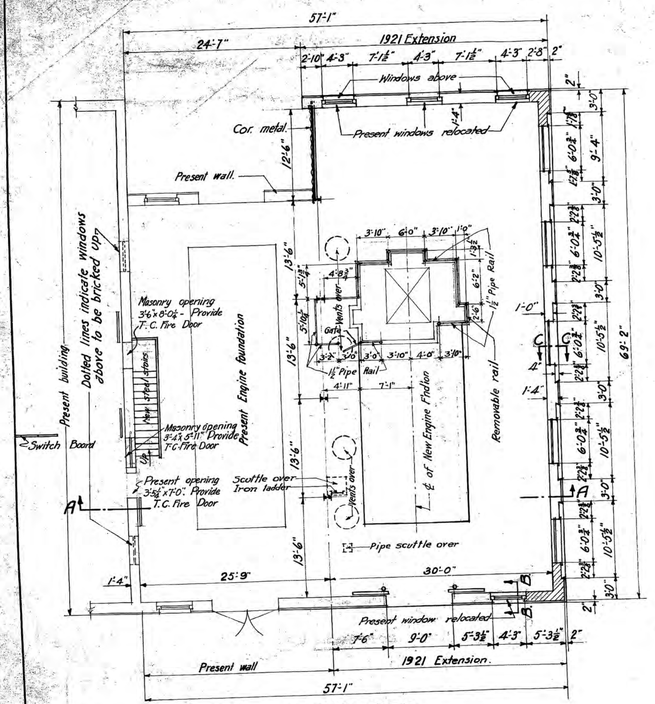
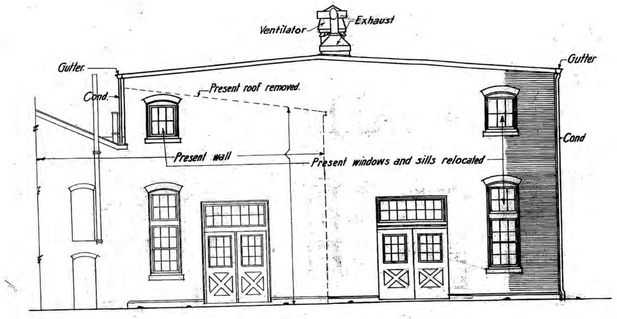
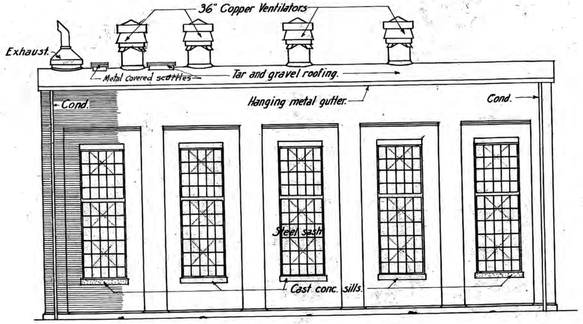


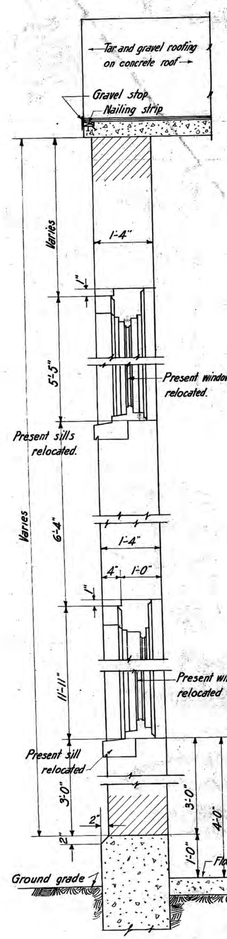
FLOOR PLAN
Scale - 1/8" = 1'-0"



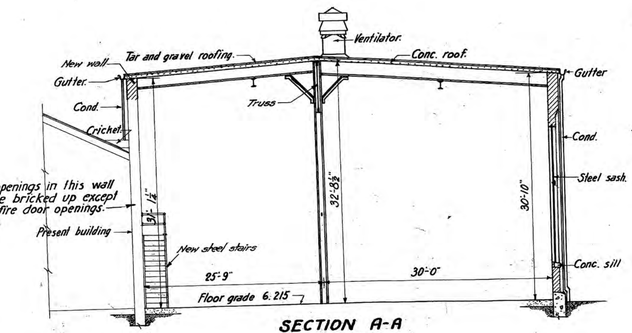
EAST ELEVATION
Scale 1/8" = 1'-0"



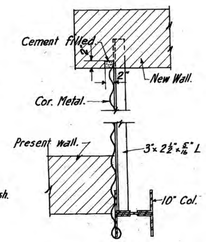
NORTH ELEVATION
Scale 1/8" = 1'-0"



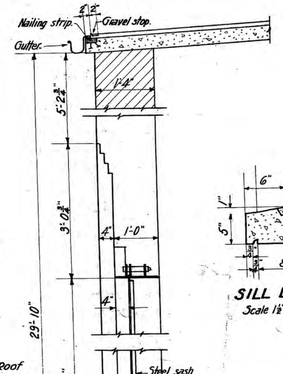
B-B
Scale - 3/4" = 1'-0"



SECTION A-A
Scale 1/8" = 1'-0"

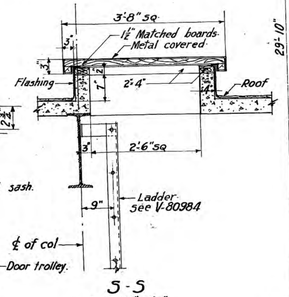


TEMPORARY END DETAIL
Scale 3/4" = 1'-0"



C-C
Scale - 3/4" = 1'-0"

SILL DETAIL
Scale 1½" = 1'-0"



5-5
Scale 3/4" = 1'-0"

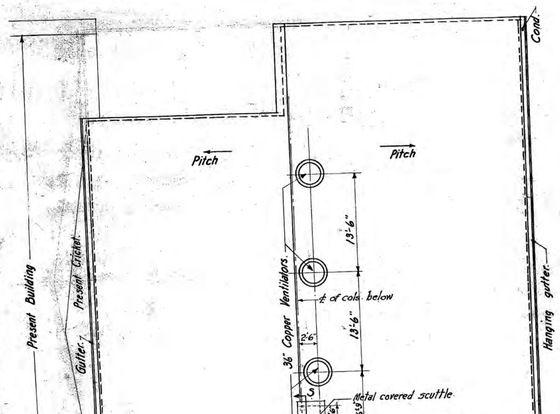
ELEVATION OF DOOR
Scale - 3/8" = 1'-0"

D-D
Scale 1" = 1'-0"

DETAIL OF STAIR TREADS
Scale - 1½" = 1'-0"

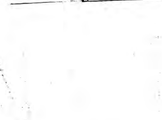
EXHAUST HOOD & FLASHING
Scale 1" = 1'-0"

VENTILATOR FLASHING
Scale - 3/4" = 1'-0"



ROOF PLAN
Scale - 1/8" = 1'-0"

PLAN OF STAIRS
Scale 1/4" = 1'-0"



E-E
Scale 1/4" = 1'-0"

DATES OF SIGNATURES						
(4)	Steel Piles & Pipe Rails added, Ventilators Relocated	11/4/21	7/27/21	7-30-21	7-30-21	
	DATES OF SIGNATURES.	H.A.B.	W.K.S.	D.T.	J.M.C.	
(3)	STAIRS & DIMENSIONS CHANGED-NOTES ADDED.	11/1/21	8/31/21	8/31/21		
		H.A.B.	W.K.S.	D.T.	J.M.C.	
	Date of Signatures	11/1/21	8/25/21	8/25/21		
(2)	EXHAUST HOOD & FLASHING DETAIL ADDED	H.A.B.	W.K.S.	D.T.	J.M.C.	
	Date of Signatures	11/1/21	8/24/21	8/24/21		
(1)	GENERAL REVISION	H.A.B.	W.K.S.	D.T.	J.M.C.	
NO.	DESCRIPTION	CHKD.	INSP.	COR.	APPR.	

TABLE OF ADDITIONS AND CHANGES
USE ONLY PRINTS OF LATEST DATE

DATES OF SIGNATURES						
(7)	T.C. FIRE DOOR SYMBOL ADDED	H.A.B.	W.K.S.	D.T.	J.M.C.	
(6)	MUFFLER ADDED, DIMENSIONS CHGD. FIELD CHANGES	H.A.B.	W.K.S.	D.T.	J.M.C.	
	DATES OF SIGNATURES	10/26/21	10/26/21	10/26/21	10/26/21	
(5)	DOOR CHANGED WITCH SILL CHANGED	H.A.B.	W.K.S.	D.T.	J.M.C.	

PLANS, ELEVATIONS, SECTIONS, & DETAI
SUPERSTRUCTURE - 1921 ADD. - POWER STATI
THE KEY WEST ELECTRIC CO.

STONE & WEBSTER
INCORPORATED
DIVISION OF CONSTRUCTION AND ENGINEERING
BOSTON

SCALE GIVEN
AUG. 5, 1921
J. O. NO. 3602

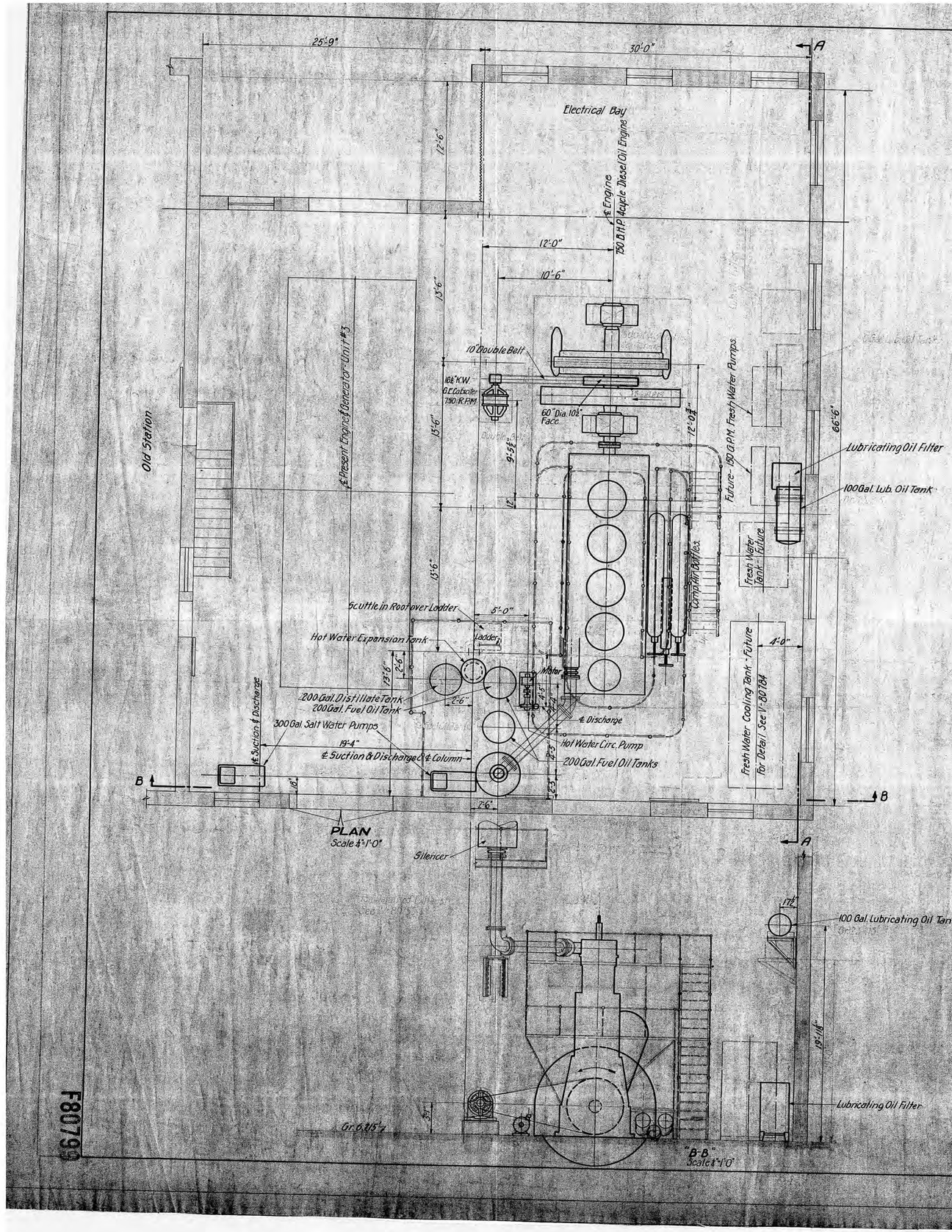
CHKD.	INSP.	COR.	APP'R.
9-12-21	8/18/21	8/18/21	8/19/21
9-23-21	8-24-21	9-24-21	
H.A.B.	J.M.C.		

F80

F80690

(7) Chkd. 12-23-21 (6) Chkd. 11-18-21 (5) Chkd. by Hanchett Chkd. 10-12-21 (4) Chkd. 9-27-21 (3) Chkd. 8-31-21 (2) Chkd. 8-23-21 (1) Chkd. 8-23-21

Traced by W.C. Dupree
Tracked by



NO	DESCRIPTION	CHKD.	INSP.	COR.	APPR.
	Date of Signature	8-11-21			
1	GENERAL REVISIONS MADE FROM WELLS ART PRINTS AS SENT CORRECTED FROM F.W.T.				

TABLE OF ADDITIONS AND CHANGES
USE ONLY PRINTS OF LATEST DATE

GENERAL ARRANGEMENT

MECHANICAL EQUIP. - 1921 ADD. - POWER STATION
THE KEY WEST ELECTRIC CO.

STONE & WEBSTER
INCORPORATED
DIVISION OF CONSTRUCTION AND ENGINEERING
BOSTON

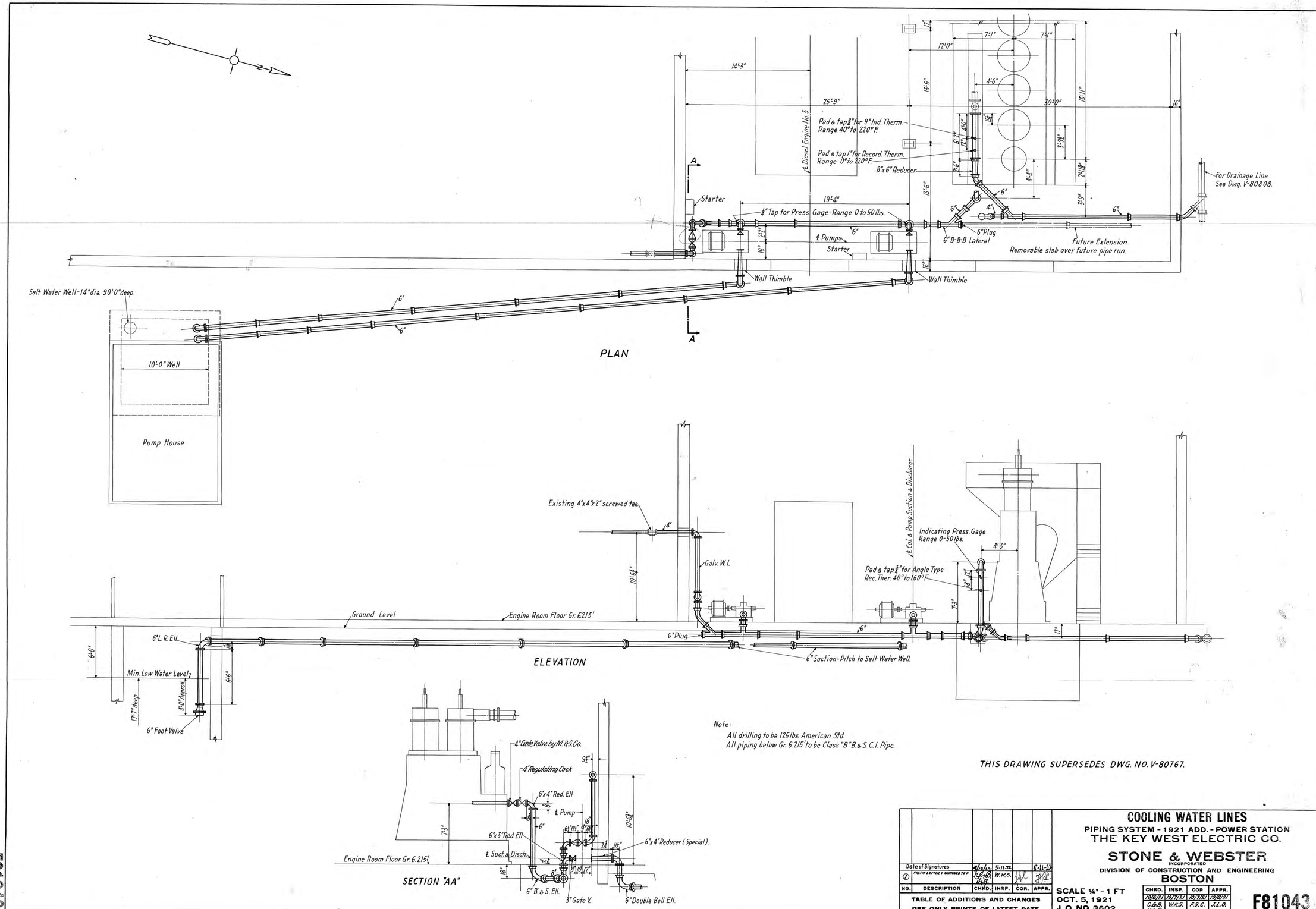
SCALE 1¼" - 1 FT
AUG. 26, 1921
J. O. NO. 3602

CHKD.	INSP.	COR	APPR.
8-27-21	8-27-21	8-28-21	8-29-21
O.G.B. H.L.B.	M.W.C.	F.D.C.	F.R.C.

F80799

F80799

Traced by [illegible] Checked by [illegible]
Drawn by [illegible]



Note:
All drilling to be 125 lbs. American Std.
All piping below Gr. 6.215' to be Class "B" B. & S. C.I. Pipe.

THIS DRAWING SUPERSEDES DWG. NO. V-80767.

NO.	DESCRIPTION	CHKD.	INSP.	COR.	APPR.
	Date of Signatures	9/18/22	5-11-22		6-11-22
1	PREFIX LETTER V CHANGED TO F	[illegible]	W.K.S.	[illegible]	[illegible]

TABLE OF ADDITIONS AND CHANGES
USE ONLY PRINTS OF LATEST DATE

COOLING WATER LINES
PIPING SYSTEM - 1921 ADD. - POWER STATION
THE KEY WEST ELECTRIC CO.

STONE & WEBSTER
INCORPORATED
DIVISION OF CONSTRUCTION AND ENGINEERING
BOSTON

SCALE 1/4" = 1 FT
OCT. 5, 1921
J. O. NO. 3602

CHKD.	INSP.	COR	APPR.
10/6/21	10/7/21	10/7/21	10/8/21
C.G.B. H.L.B.	W.K.S.	F.S.C.	J.L.O.

F81043

R.C. 2961

F81043

F.H.P. 10-6-21. L.H.M. 10-6-21.
H.P.F. 10-6-21. L.P. 10-6-21.

Traced by John E. Kanz.
Tr. Checked by R. Grammer, L. C. Westphalen
Drawn by A. Allen.
Checked by F. W. Greene

This panel is to be temporarily installed at Pensacola. Space is to be left in framing for its future installation at Key West.

16" 16" 16" 16" 2'-0" 2'-0" 2'-0" 16" 2'-0" 2'-0" 2'-0"

0-175 Type E Illuminated Dial Voltmeter

0-750 Type E Illuminated Dial Voltmeter

Westinghouse Type C 750 Volt 400 Amp C.B.

Westinghouse Type C 750 Volt 400 Amp C.B.

Westinghouse Type C 750 Volt 400 Amp C.B.

0-600 Type D Ammeter

0-400 Type D Ammeter

0-400 Type D Ammeter

0-200 Type D Ammeter

0-150 Type F Ammeter

0-250 Type F Ammeter

0-300 Type F Ammeter

0-150 Type F Voltmeter

Type B. Synchroscope

Field Rheo.

Potential Receptacle

100 Amps. 600 Volts Carbon break Field disch.

Field Rheo.

Potential Receptacle

100 Amp. 600 Volts Carbon break Field disch.

Exciter Fld. Rheo.

Potential Receptacle

200 Amp Form 3 T. Ille. Sw. Type S or Above

Synchronizing Receptacle

Exciter & Gen. Field Rheostats

Potential Receptacle

0-300-600 Volt Type F polyphase indicating Watt-Meter

Synchronizing Receptacle

Exciter & Gen. Field Rheostats

Potential Receptacle

0-300-600 Volt Type F polyphase indicating Watt-Meter

Synchronizing Receptacles

Exciter & Gen. Field Rheostats

Potential Receptacle

0-300-600 Volt Type F polyphase indicating Watt-Meter

12"

600 V. 600 A. S.P. S.T. D.B.

16"

3'-10"

2'-6"

600 Amp. SP-ST-DB. 600 Volt. Switch

400 Amp. SP-ST-DB. 600 Volt. Switch

400 Amp. SP-ST-DB. 600 Volts Switch

200 Amp Type D Westinghouse Non-Automatic Oil Switch 4 pole S.T.

200 Amp. D.P.-D.T. Field Disch. Switch

100 Amp Type C Westinghouse Non-Automatic Oil Switch 4 Pole S.T.

100 Amp. D.P.-D.T. Field Disch. Switch

100 Amp Type D Westinghouse Non-Automatic Oil Switch 4 Pole S.T.

100 Amp. D.P.-D.T. Field Disch. Switch

100 Amp Type D Westinghouse Non-Automatic Oil Switch 4. Pole S.T.

300 K.W. Westinghouse Type C Round Pattern poly phase Integrating Watt meter

100 Amp Type F Westinghouse Automatic Oil Circuit Breaker 4 pole S.T.

50 Amp. Type F Westinghouse Automatic Oil circuit Breaker D.P.-S.T.

50 Amp Type F Westinghouse Automatic Oil circuit Breaker D.P.-S.T.

50 Amp Type F Westinghouse Automatic Oil Circuit Breaker D.P.-S.T.

50 Amp Type F Westinghouse Automatic Oil Circuit Breaker D.P.-S.T.

50 Amp Type F Westinghouse Automatic Oil circuit Breaker D.P.-S.T.

50 Amp Type F Westinghouse Automatic Oil Circuit Breaker D.P.-S.T.

7'-6"

5'-5"

5'-7½"

2'-1"

Railway Feeder Panel 300 K.W. 550 Volts

Railway Generator panel 165 K.W. 550 Volts

Railway Generator panel 165 K.W. 550 Volts

Induction Motor and exciter panel Gen. 15 K.W. 125 Volts

Two phase Gen panel 165 K.W. 2200 Volts

Two Phase Gen panel 165 K.W. 2200 Volts

Two Phase Gen Panel 165 K.W. 2200 Volts

Two Phase power panel 200 K.W. 2200 Volts

Single phase two circuit Feeder panel 50 Amp 2300 Volts

Single phase two circuit Feeder panel 50 Amp. 2300 Volts

Single phase two circuit Feeder panel 50 Amp 2300 Volts

New generator panel inserted

Blue Vermont Marble

Note. All instruments are Westinghouse make

SUPERSEDES DRAWING B 5289

SWITCHBOARD FRONT VIEW

POWER STATION

THE KEY WEST ELECTRIC CO.

STONE & WEESTER ENGINEERING CORP. BOSTON

Scale 1"=1'-0"

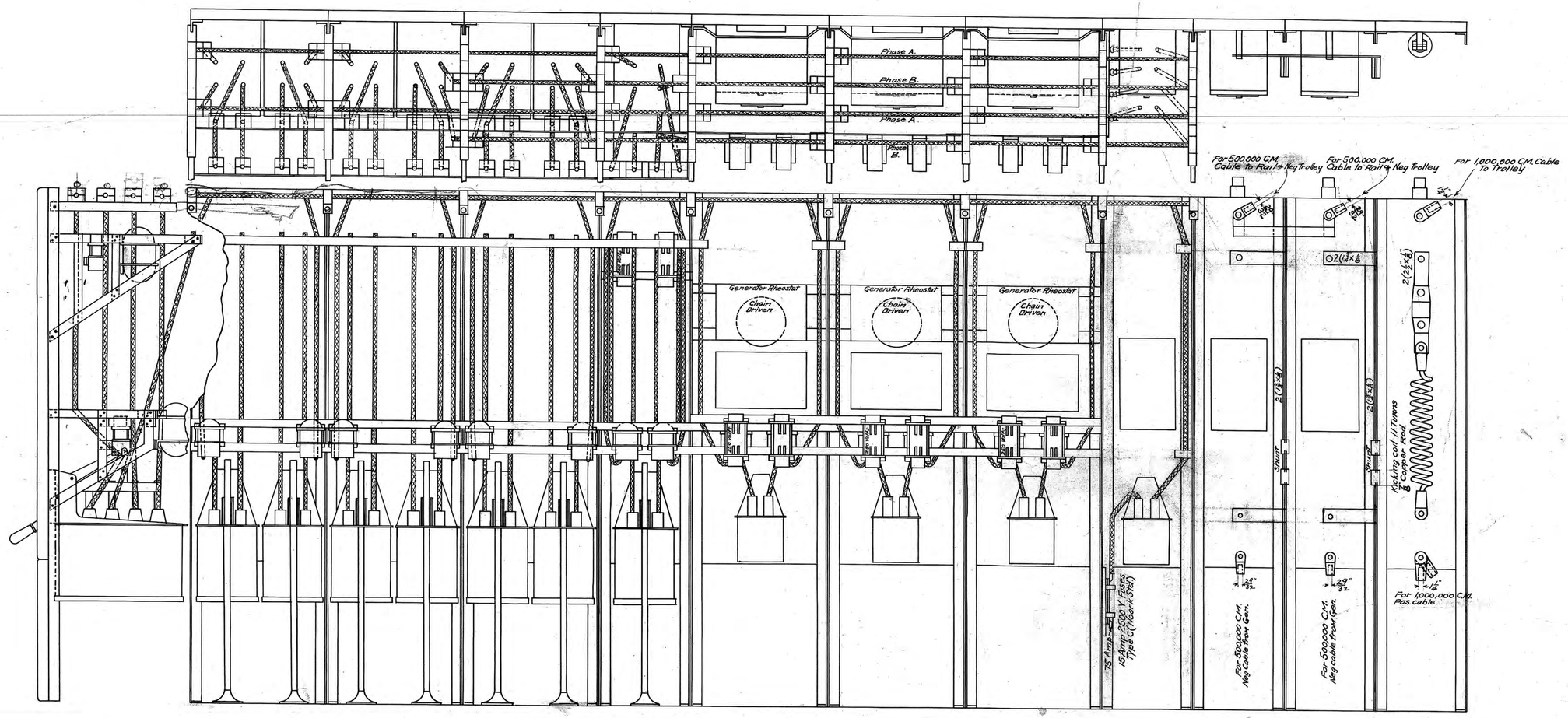
Nov 14 1906

Eng Job Order 246

F 10138

No.	DATE	DESCRIPTION	CHECKED	APPROVED
1		generator panel 165 K.W. 2200 Volts Gen. panel added		
		TABLE OF CHANGES	USE ONLY FOR ADDITIONS & COST CHANGE	

DRAWN H.L.C. TRACED W.V.P.



SUPERSEDES DRAWING B5314

DATE	DESCRIPTION	CHECKED	INSPECTED	APPROVED
TABLE OF CHANGES		USE ONLY PRINTS SHOWING LATEST CHANGE		

SWITCHBOARD REAR VIEW
POWER STATION
THE KEY WEST ELECTRIC CO.
STONE & WEBSTER ENGINEERING CORP.
BOSTON

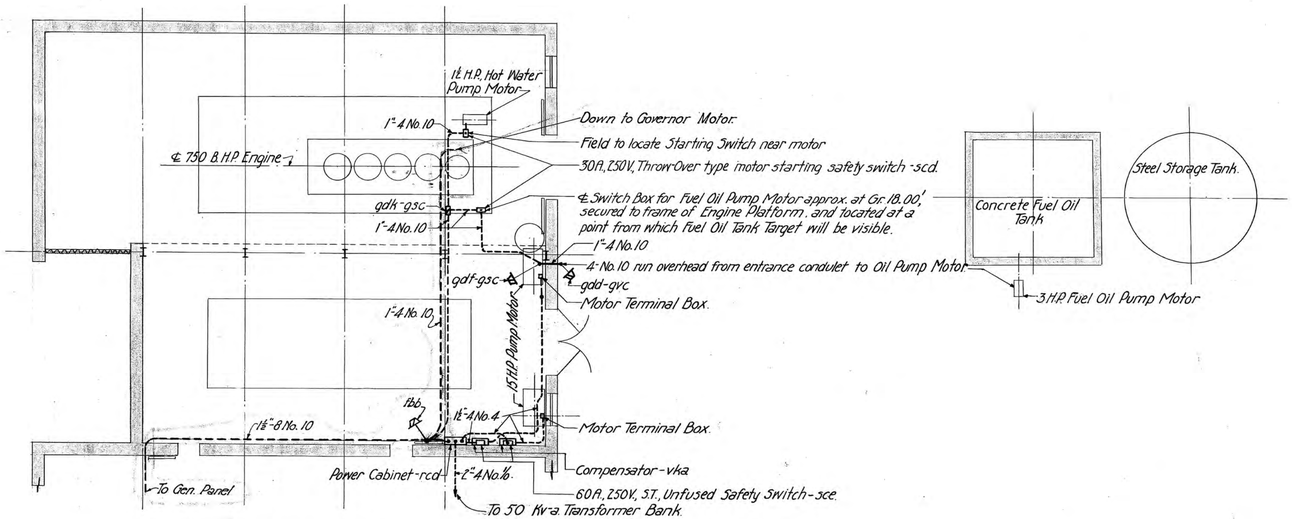
Scale 1½" = 1'-0"
Nov. 12 1906
Eng Job Order 246

CHECKED 11-12-06 | INSPECTED 11-12-06 | APPROVED 11-12-06

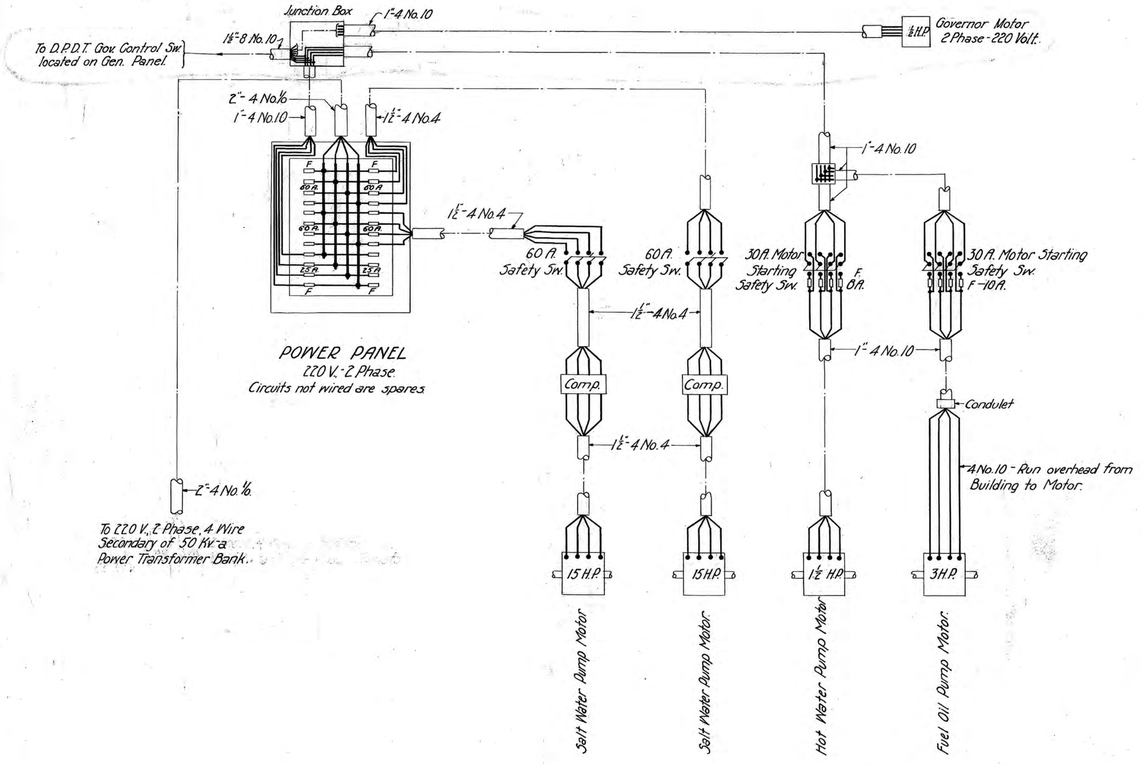
F10131

10

PEG 11/12/06



PLAN - GR. 6.215'
Scale ⅛"=1'-0"



POWER PANEL
220 V.-2 Phase
Circuits not wired are spares.

WIRING DIAGRAM

Legend :-
A. Amperes.
Comp. Compensator.
F. Fuse.
Kv-a. Kilovolt-amperes.
V. Volts.

Symbols :-
- Junction Box - Wall.
- Junction Box - Ceiling opening down.
- ------ Conduit run exposed.
- ° Conduit turning up.
- • Conduit turning down.
- 1"-4 No.4 Indicates 4-No.4 wires in 1" conduit.

Notes :-
1. For Bill of Material see Dwg. M80913-5.
2. Exact location of conduit to be determined in field.

NO.	DESCRIPTION	CHKD.	INSP.	COR.	APPR.
	Date of Signatures	11/4/21	11-22-21	11-24-21	11-25-21
1	MARKED CONDUIT & CONNECTIONS FOR GOV. MOTOR.	J.H.	CAC	NDH	JRC

TABLE OF ADDITIONS AND CHANGES
USE ONLY PRINTS OF LATEST DATE

POWER CONDUIT PLAN
ELECTRICAL EQUIP. - 1921 ADD. - POWER STATION
THE KEY WEST ELECTRIC CO.

STONE & WEBSTER INCORPORATED
DIVISION OF CONSTRUCTION AND ENGINEERING
BOSTON

SCALE GIVEN
OCT. 29, 1921
J. O. NO. 3602

CHKD.	INSP.	COR.	APPR.
11/4/21	11-4-21	11-4-21	11-25-21
J.H.	CAC	NDH	JRC

F81144

R.C. 29269

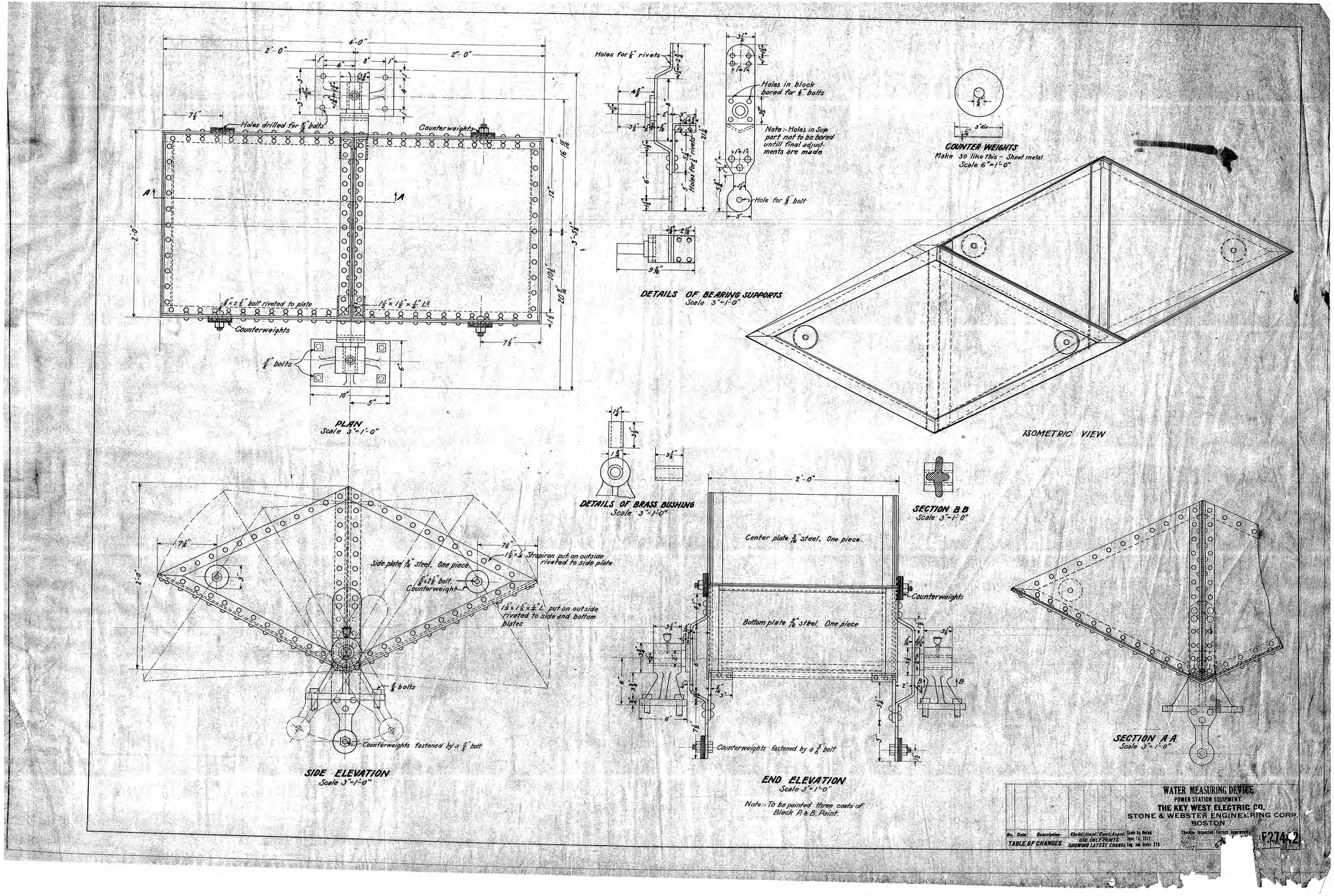
F81144

1 J.H. Blank 11/25/21.

W. H. M. 11/24/21
Elec'l's 11-24-21

Traced by R. Budd.
Tr. Chkd. by J.H. Blank.

Drawn by I. Bergstein
Checked by J.H. Blank.



PLAN
Scale 3"=1'-0"
Holes drilled for 5/8" bolts
Counterweights
5/8"×2 1/2" bolt riveted to plate
1 1/2"×1 1/2"×1/4" Ls
5/8" bolts
DETAILS OF BEARING SUPPORTS
Scale 3"=1'-0"
Holes for 1/2" rivets
Holes in block bored for 1/2" bolts
Note:- Holes in Support not to be bored untill final adjustments are made
Hole for 5/8" bolt
COUNTER WEIGHTS
Make 30 like this - Sheet metal
Scale 6"=1'-0"
ISOMETRIC VIEW
DETAILS OF BRASS BUSHING
Scale 3"=1'-0"
SECTION B B
Scale 3"=1'-0"
SIDE ELEVATION
Scale 3"=1'-0"
Side plate 3/16" steel, One piece
1 1/2"×1/4" Strapiron put on outside riveted to side plate
5/8"×2 1/2" bolt
Counterweight
1 1/2"×1 1/2"×1/4" L put on outside riveted to side and bottom plates
5/8" bolts
Counterweights fastened by a 5/8" bolt
END ELEVATION
Scale 3"=1'-0"
Center plate 3/16" steel, One piece
Bottom plate 3/16" steel, One piece
Counterweights
Counterweights fastened by a 5/8" bolt
SECTION A A
Scale 3"=1'-0"
Note:- To be painted three coats of Black P. & B. Paint.
WATER MEASURING DEVICE
POWER STATION EQUIPMENT
THE KEY WEST ELECTRIC CO.
STONE & WEBSTER ENGINEERING CORP.
BOSTON
No. Date Description Checkd. Inspd. Corrct. Apprd.
TABLE OF CHANGES
USE ONLY PRINTS SHOWING LATEST CHANGE
Scale As Noted
June 11, 1912
Eng. Job Order 378
Checked Inspected Correct Approved
F27442