Indian River County Purchasing Division
purchasing@indianriver.gov

ADDENDUM NO. 2

Issue Date: March 3, 2024

Project Name: Fairgrounds AG Pavilion Roof Coating

ITB Number: 2024040

ITB Opening Date: **March 22, 2024.**

This addendum is being released to answer questions received to date. Duplicate questions may not be responded to. The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the Bid form, or the bid may be declared non-responsive.**

Questions and Answers

1.	Can you please release a specification for any product(s) that will provide a 15-year warranty?
	The County has no specification to release.
2.	Is there an engineer's estimate for this project?
	Estimate is $85,875
3.	Will you consider other products and procedures before, and, or after time of award?
	See response to question 19.
4.	What is the base / ground of the pavilion? (dirt, gravel, concrete?)
	Dirt
5.	Will you provide a specification for the waterproofing of the fasteners?
	#9400 Eterna-Sil Premium Silicone Mastic or similar
6.	Can you provide a specification for the fasteners?
	No specification is available.
7.	Can you provide a specification for the coating that is already on the roof?
	Metal panels are only coated with the factory paint
8.	Will you provide drawings of the overhead lighting replacement?

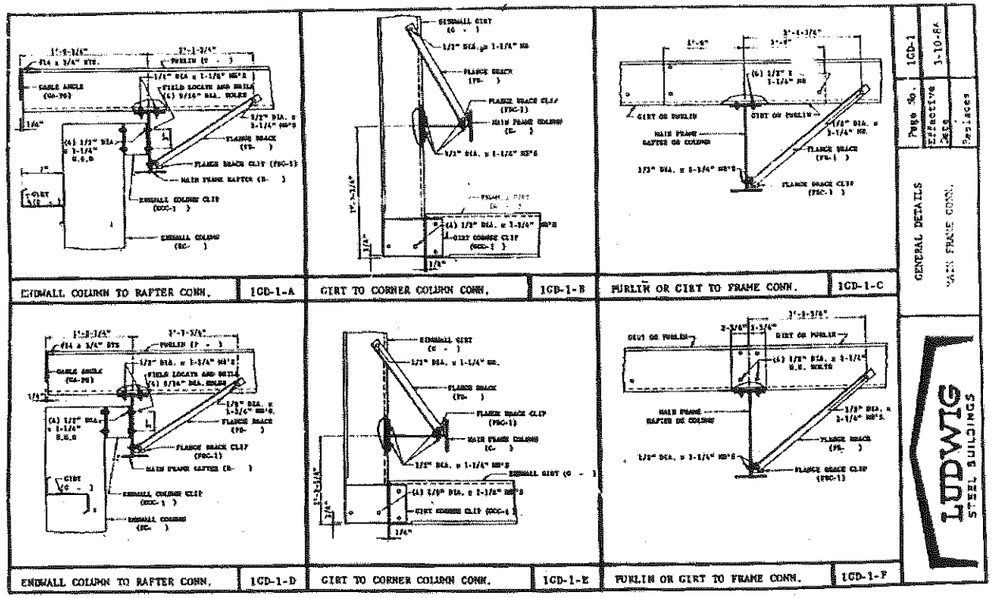
	For Skylight replacement see attached roof deck plan.
9.	When was this pavilion built?
	This pre-engineered metal structure was originally constructed in 1986, with some modifications completed in 1991.
10.	When were the coatings previously applied?
	Roof was replaced in 2014 and has original paint.
11.	What type of coatings are currently on the roof?
	Metal panels are only coated with the factory paint
12.	Who was the manufacturer of the building?... pg. 12 says pressure clean the building to the manufacture's specifications.
	Ludwig Building Systems, Inc.
13.	Can you release the manufactures specifications of the building?
	See attached plans.
14.	Will you allow storage of equipment on site?
	Yes.
15.	Will you allow utilization of electricity / potable water on site?
	Yes.
16.	Will there be a dumpster on site that can be utilized for daily minimal garbage and debris?
	Yes, but not for construction debris.
17.	Is there a previously completed job similar to scope you will release to compare previously submitted pricing?
	There is no previously completed job for this building to compare this project to.
18.	Are there any local preference clauses in this solicitation?
	Per page 6 of the Bid documents "*Local Preference*: County has no local ordinance or preferences, as set for in Florida Statues section 255.0991(2) in place, therefore no preference prohibited by that section will be considered in the acceptance, review or award of this bid."
19.	Will you accept a different warranty / terms with other manufactures and applicators?
	Different terms with other manufacturers and applicators may be considered at the sole discretion of the County.
20.	Would you be interested in rescinding this solicitation and utilizing a sqft dollar figure that was publicly solicitated, won, and piggy backable?
	We are not interested in rescinding this solicitation.

Addendum 2

Attachments

Ag Pavilion Plans
Roof Deck Plan

90-961



SINCE 1923

LUDWIG

BUILDING SYSTEMS

STANDARD DETAILS

LUDWIG BUILDING SYSTEMS INC.
521 TIMESAVER AVENUE
P.O. BOX 23134
(504) 733-6280
HARAHAN, LOUISIANA 70183

EAVE BRACE TO COLUMN CONN. 1GD-2-A | EAVE BRACE TO COLUMN CONN. 1GD-2-B | EAVE BRACE TO COLUMN CONN. 1GD-2-C

PURLIN STRUT TIE ROD CONN. 1GD-2-D | STRUT TIE ROD CONN. AT RIDGE 1GD-2-E | SAG ANGLE CONN. DETAIL 1GD-2-F

GENERAL DETAILS
EAVE BRACE
FLANGE BRACE AND
STRUT DETAILS

Page No. 1GD-2
Effective Date 3-10-86
Revisions

LUDWIG STEEL BUILDINGS

PURLIN TO ENDWALL RAFTER CONN. 2GD-1-A | GIRT TO CORNER COLUMN CONN. 2GD-1-B | GIRT TO ENDWALL COLUMN CONN. 2GD-1-C

WELDED PEAK RAFTER 2GD-1-D | GIRT TO ENDWALL COLUMN CONN. 2GD-1-E

CORNER COLUMN DETAIL AT EAVE 2GD-1-F | RAFTER TO ENDWALL COLUMN CONN. 2GD-1-G | RAFTER TO CENTER COLUMN CONN. 2GD-1-H

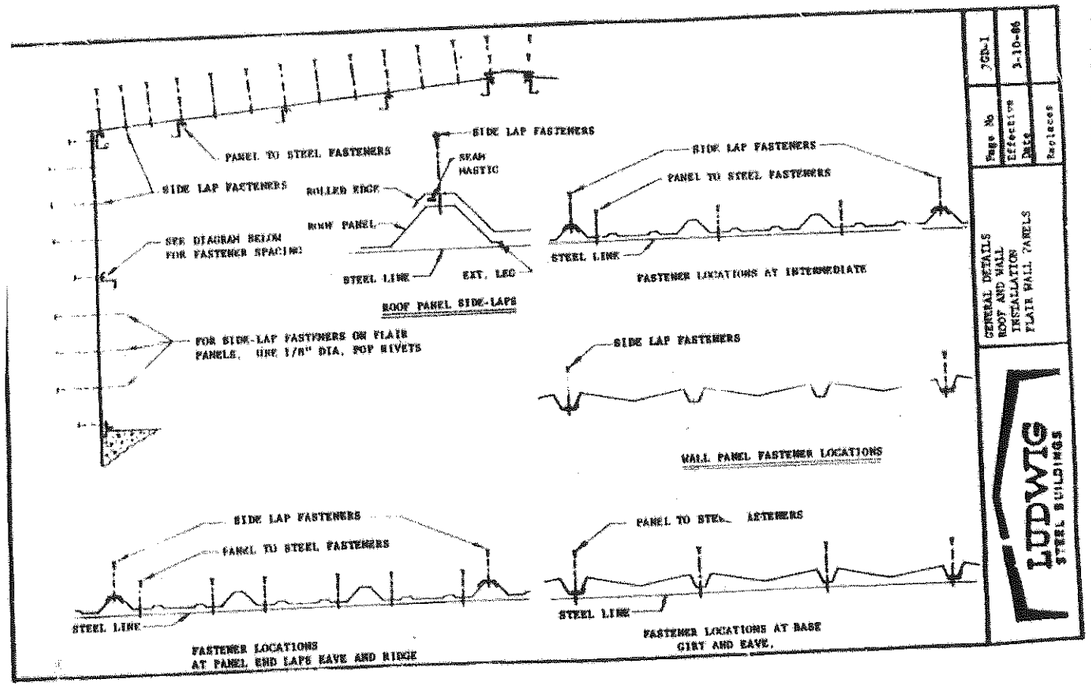
GENERAL DETAILS
PRESS METAL END FRAME
SIT-PASS GIRTS

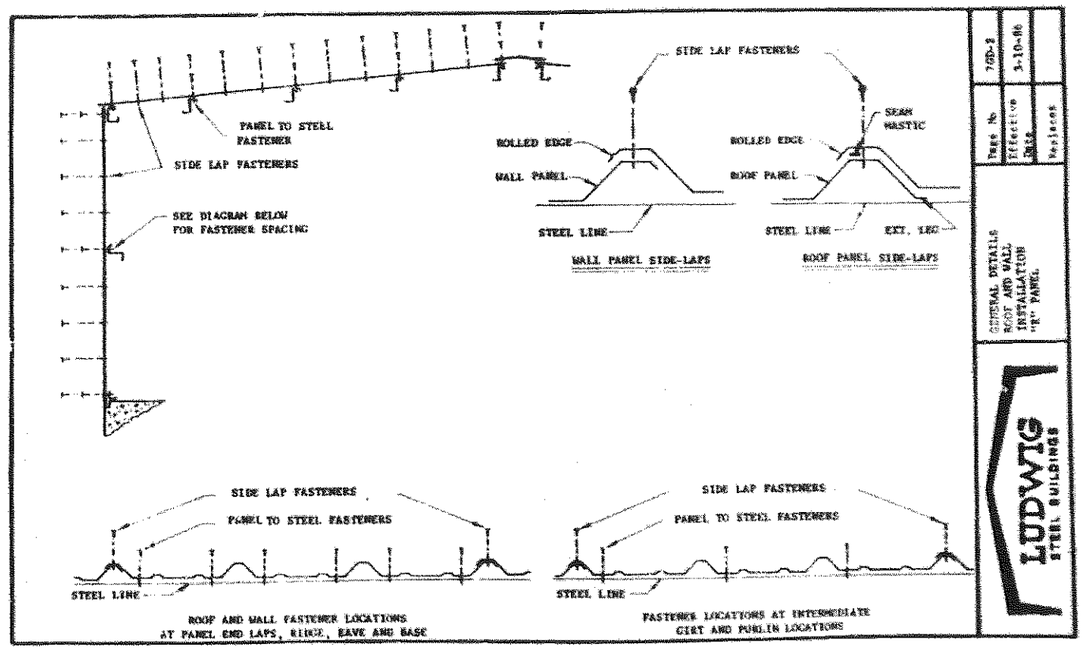
Page No. 2GD-1
Effective Date 3-10-86
Revisions

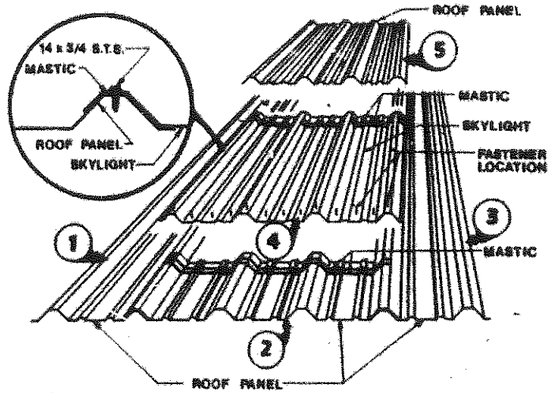
LUDWIG STEEL BUILDINGS

PURLIN TO ENDWALL RAFTER CONN. 2GD-2-A
GIRT TO CORNER COLUMN CONN. 2GD-2-B
GIRT TO END COLUMN CONN. 2GD-2-C
WELDED PEAK RAFTER 2GD-2-D
RAFTER TO CENTER COLUMN CONN. 2GD-2-E
CORNER COLUMN DETAIL AT EAVE 2GD-2-F
RAFTER TO END COLUMN CONN. 2GD-2-G
2GD-2
3-10-86
Page No.
Effective Date
Replaces
GENERAL DETAILS
PRESS METAL END FRAME
FLUSH GIRTS
LUDWIG
STEEL BUILDINGS

PURLIN TO ENDWALL RAFTER CONN. 2GD-3-A
GIRT TO CORNER COLUMN CONN. 2GD-3-B
GIRT TO ENDWALL COLUMN CONN. 2GD-3-C
TYPICAL RAFTER SPLICE 2GD-3-D
ENDWALL RAFTER CONN. 2GD-3-E
CORNER COLUMN DETAIL AT EAVE 2GD-3-F
RAFTER TO ENDWALL COLUMN CONN. 2GD-3-G
RAFTER TO CENTER COLUMN CONN. 2GD-3-H
2GD-3
3-10-86
Page No.
Effective Date
Replaces
GENERAL DETAILS
BUILT-UP END FRAME
SI-PASS GIRTS
LUDWIG
STEEL BUILDINGS


PANEL TO STEEL FASTENERS
SIDE LAP FASTENERS
SEE DIAGRAM BELOW FOR FASTENER SPACING
FOR SIDE-LAP FASTENERS ON FLAIR PANELS, USE 1/8" DIA. POP RIVETS
SIDE LAP FASTENERS
SEAM MASTIC
ROLLED EDGE
ROOF PANEL
STEEL LINE
EXT. LEG
ROOF PANEL SIDE-LAPS
SIDE LAP FASTENERS
PANEL TO STEEL FASTENERS
STEEL LINE
FASTENER LOCATIONS AT INTERMEDIATE
SIDE LAP FASTENERS
WALL PANEL FASTENER LOCATIONS
SIDE LAP FASTENERS
PANEL TO STEEL FASTENERS
STEEL LINE
FASTENER LOCATIONS AT PANEL END LAPS EAVE AND RIDGE
PANEL TO STEEL FASTENERS
STEEL LINE
FASTENER LOCATIONS AT BASE GIRT AND EAVE.
7GD-1
3-10-86
Page No
Effective Date
Replaces
GENERAL DETAILS ROOF AND WALL INSTALLATION FLAIR WALL PANELS
LUDWIG STEEL BUILDINGS


PANEL TO STEEL FASTENER
SIDE LAP FASTENERS
SEE DIAGRAM BELOW FOR FASTENER SPACING
SIDE LAP FASTENERS
ROLLED EDGE
WALL PANEL
STEEL LINE
WALL PANEL SIDE-LAPS
SIDE LAP FASTENERS
SEAM MASTIC
ROLLED EDGE
ROOF PANEL
STEEL LINE
EXT. LEG
ROOF PANEL SIDE-LAPS
SIDE LAP FASTENERS
PANEL TO STEEL FASTENERS
STEEL LINE
ROOF AND WALL FASTENER LOCATIONS AT PANEL END LAPS, RIDGE, EAVE AND BASE
SIDE LAP FASTENERS
PANEL TO STEEL FASTENERS
STEEL LINE
FASTENER LOCATIONS AT INTERMEDIATE GIRT AND PURLIN LOCATIONS
7GD-2
3-10-86
Page No
Effective Date
Replaces
GENERAL DETAILS ROOF AND WALL INSTALLATION "R" PANEL
LUDWIG STEEL BUILDINGS



INSTALLATION SEQUENCE

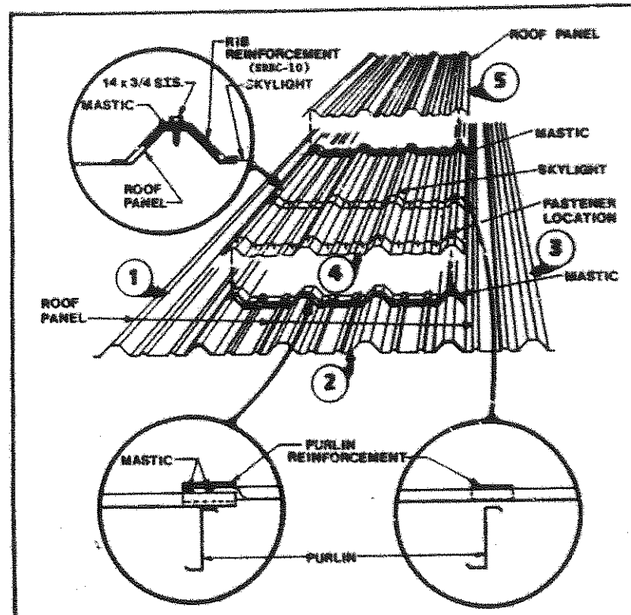
INSTALL SKYLIGHT IN ROOF PANELS IN SEQUENCE AS SHOWN

NOTE: SKYLIGHTS SHALL BE INSTALLED AS ROOF IS SHEETED, AND PROTECTIVE MEASURES TAKEN TO PREVENT PERSONNEL FROM FALLING THRU SKYLIGHT.

Page No.	7GD-1
Effective Date	3-10-86
Replaces	

GENERAL DETAILS
SKYLIGHT INSTALLATION

LUDWIG STEEL BUILDINGS



INSTALLATION SEQUENCE

(INSTALL SKYLIGHT IN ROOF PANELS IN SEQUENCE AS SHOWN)

NOTE: SKYLIGHTS SHALL BE INSTALLED AS ROOF IS SHEETED, AND PROTECTIVE MEASURES TAKEN TO PREVENT PERSONNEL FROM FALLING THRU SKYLIGHT.

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Effective Date	3-10-86
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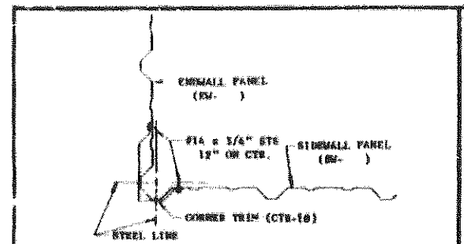
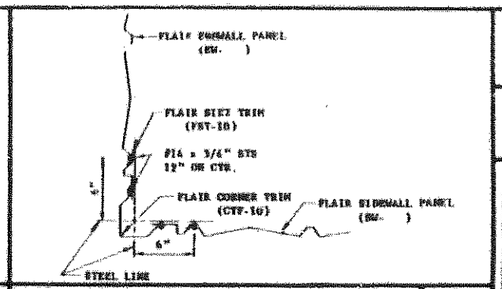
GENERAL DETAILS
GL-90 SKYLIGHT INSTALLATION

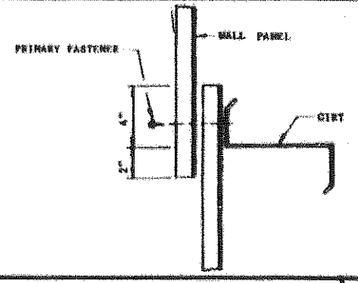
LUDWIG STEEL BUILDINGS



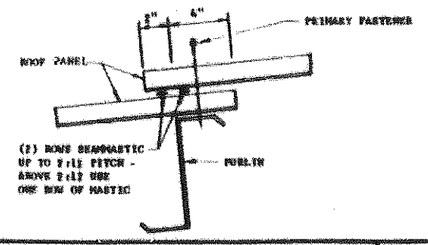
"R" PANEL CORNER TRIM INSTALLATION BGD-2-A



FLAIR PANEL CORNER TRIM INSTALLATION BGD-2-B



WALL PANEL END-LAP DETAIL BGD-2-C



"R" PANEL ROOF PANEL END-LAP DETAIL BGD-2-D

GENERAL DETAILS
CORNER TRIM AND SHEET END-LAP DETAILS

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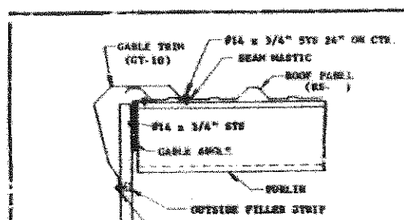
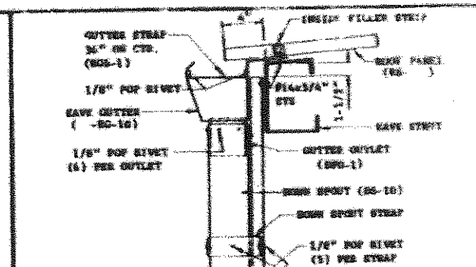
Effective Date 3-10-86
Replaces

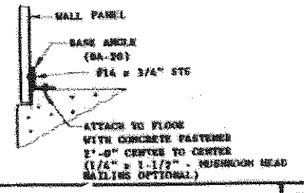
LUDWIG STEEL BUILDINGS



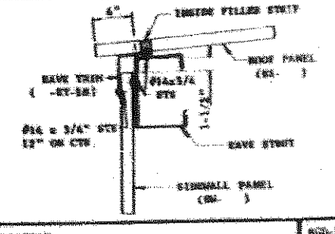
GABLE TRIM INSTALLATION BGD-1-A



EAVE GUTTER INSTALLATION BGD-1-B



BASE ANGLE INSTALLATION BGD-1-C



EAVE TRIM INSTALLATION BGD-1-D

GENERAL DETAILS
TRIM AND EAVE ANGLE DETAILS

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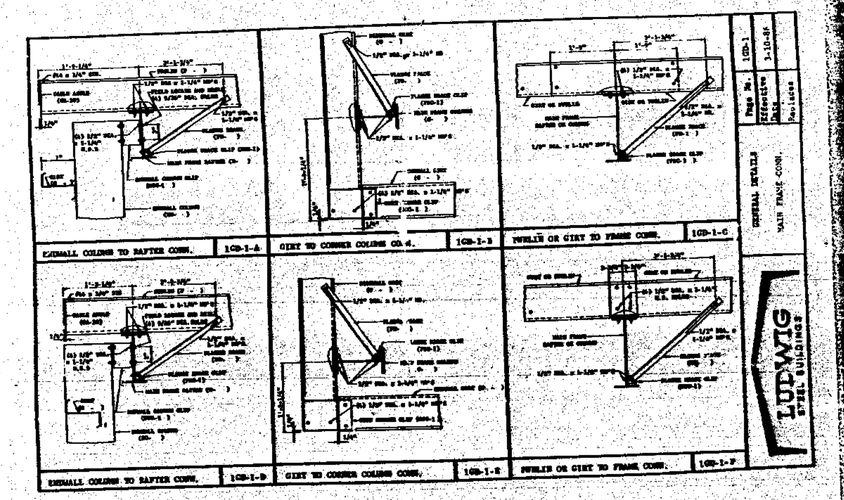
Replaces

LUDWIG STEEL BUILDINGS

182'-0" OUT TO OUT CONCRETE
107'-0" O. TO O. OF A-BOLTS
155'-0" OUT TO OUT CONCRETE
ANCHOR BOLT SETTING PLAN N.T.S.
FRAME ELEVATION AT LINES 1 THRU 9
REVISIONS
NO. DATE DRAWN BY CHECKED BY
NOTES:
LUDWIG BUILDING SYSTEMS
TERRITORY: ATLANTIC
JOB LOCATION: VERO BEACH, FLA.
DRAWING: ANCHOR BOLT PLAN
JOB NO. 8715 SHEET NO. S-1

TYPICAL FOOTING 'A'
TOP VIEW SCALE 1/2" SIDE VIEW
NOTE: #8 REBARS TO RUN 12" ON CENTER BOTH WAYS HORIZONTALLY AND 6 #8 REBARS TO RUN VERTICALLY IN 2'X2'X3' PART OF FOOTING.
TYPICAL FOOTING 'B'
TOP VIEW SCALE 3/4" = 1' SIDE VIEW
NOTE: #5 REBARS TO RUN 12" ON CENTER BOTH WAYS HORIZONTALLY AND 6 #5 REBARS TO RUN VERTICALLY IN 2'X2'X3' PART OF FOOTING.
TYPICAL PERIMETER FOOTING CONNECTION INTO FOOTINGS 'A' AND 'B' SIDE VIEW
SCALE 3/4" = 1'
#5 REBARS
TYPICAL PERIMETER FOOTING CONNECTION INTO FOOTINGS 'A' AND 'B' TOP VIEW
NOTE: PERIMETER FOOTING TO BE 1'12" AND TO HAVE 2 #5 REBARS CONTINUOUS CONNECTING TO VERTICAL REBARS IN FOOTING'S 'A' & 'B'.
SCALE 3/4" = 1'
PROJECT
VERO BEACH FARM BUREAU RIDING ARENA
VERO BEACH FL
GEN CONTRACTOR:
BILL THOMPSON CONSTRUCTION
OKEECHOBEE FL
S.S.C.
10 AND VARIES
GENERAL NOTATIONS
1. DESIGN LOADS 40 PSF SHOP DWGS BY A.E.O.R.
2. CONCRETE TO BE 3000 P.S.I. AT 28 DAYS
3. REBAR TO BE GRADE 60 P.S.I. YIELD.
SCALE 1/4" = 1'



90-961

SINCE 1922

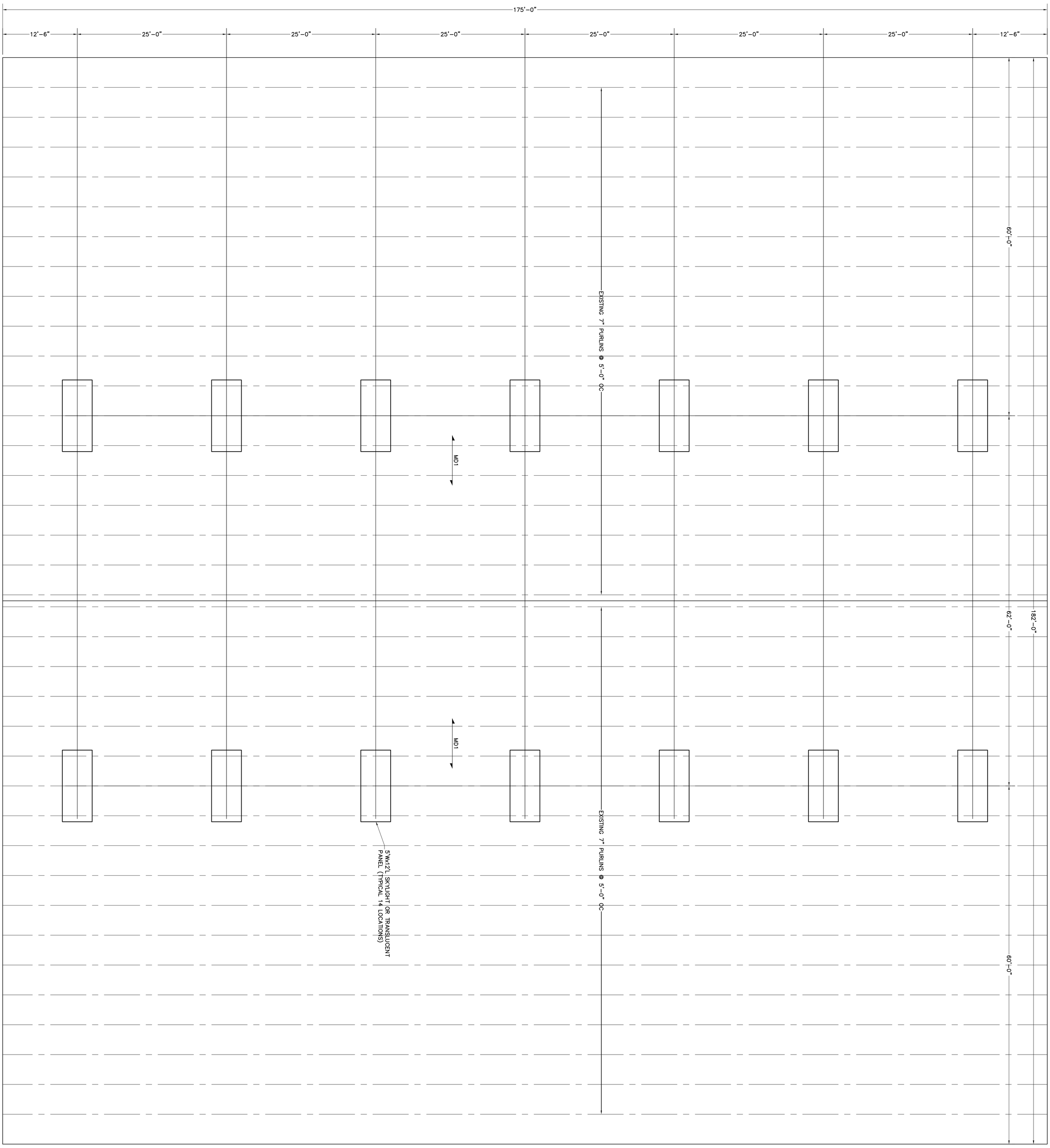
LUDWIG

BUILDING SYSTEMS

STANDARD DETAILS

BUILDERS
(504) 733
6260
CHIP BOYETT
Y-511
COUNTY
567-5000
WITH JIM DAVIS
OFFICE

LUDWIG BUILDING SYSTEMS INC.
[illegible]
P.O. BOX [illegible]
HARAHAN, LOUISIANA [illegible]



ROOF DECKING NOTE:

1. MD1 -DENOTES METAL DECK TO REPLACE EXISTING METAL DECK. CONTRACTOR TO SELECT PRODUCT WHICH HAS A FLORIDA BUILDING PRODUCT APPROVAL, MIAMI-DADE NOTICE OF ACCEPTANCE OR SIGNED AND SEALED ENGINEERING CALCULATIONS BY A REGISTERED FLORIDA ENGINEER, MINIMUM REQUIRED COMPONENT AND CLADDING DESIGN PRESSURES (ULTIMATE AND ALLOWABLE) FOR THE METAL DECKING INCLUDE PRESSURE APPLIED TO TOP AND BOTTOM SURFACES OF DECKING. FINISH IN COLOR OF METAL DECKING SHALL BE REVIEWED AND APPROVED BY INDIAN RIVER COUNTY. CONTRACTOR SHALL SUBMIT MINIMUM OF (3) COPIES OF SHOP DRAWINGS SHOWING THE LAYOUT OF THE METAL DECKING PANELS AND FASTENING FOR ZONES 1, 2 AND 3.
2. CONTRACTOR TO SUPPLY ALL DETAILS FOR MISCELLANEOUS FLASHINGS, DRIP CAPS, TOP CAP INCLUDING FASTENING REQUIREMENTS FOR REVIEW AND APPROVAL BY ENGINEER AND INDIAN RIVER COUNTY.

PROJECT NO. 12-195

SHEET S2.0

DATE:

ENGINEER CERTIFICATION
☐ JOSEPH W. SCHULKE FL. REG. NO. 47048
☐ JODAH B. BITTLE FL. REG. NO. 57396
☐ WILLIAM P. STODDARD FL. REG. NO. 57605

PROPOSED ROOF DECKING FOR:

LIVESTOCK PAVILLION

INDIAN RIVER FAIRGROUNDS
VERO BEACH, FLORIDA

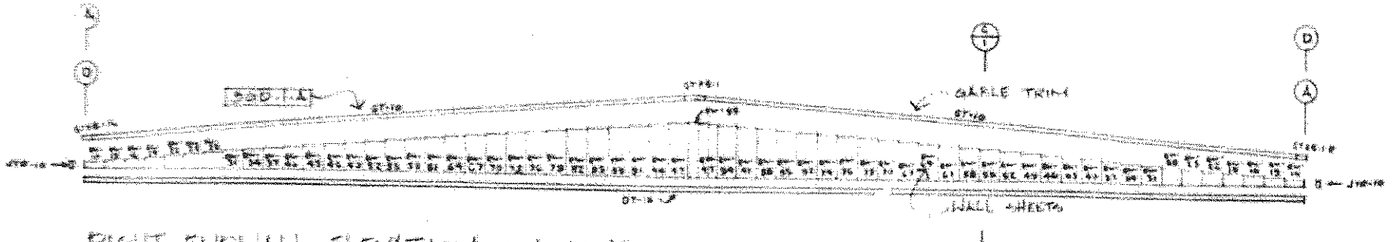
ROOF DECK PLAN

SCHULKE, BITTLE & STODDARD, L.L.C.
CIVIL & STRUCTURAL ENGINEERING · LAND PLANNING · ENVIRONMENTAL PERMITTING
CERTIFICATION OF AUTHORIZATION NO.: 00008668
1717 INDIAN RIVER BLVD., SUITE 201 VERO BEACH, FLORIDA 32960
TEL 772 / 770-9622 FAX 772 / 770-9496 EMAIL info@sbsengineers.com

THE DRAWINGS ARE THE PROPERTY OF THE ENGINEER. WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. COPY OR USE FOR OTHER PROJECTS IS PERMITTED ONLY BY WRITTEN CONTRACT WITH THE ENGINEER. UNAUTHORIZED USE WILL BE PROSECUTED PURSUANT TO THE COPYRIGHT LAWS.

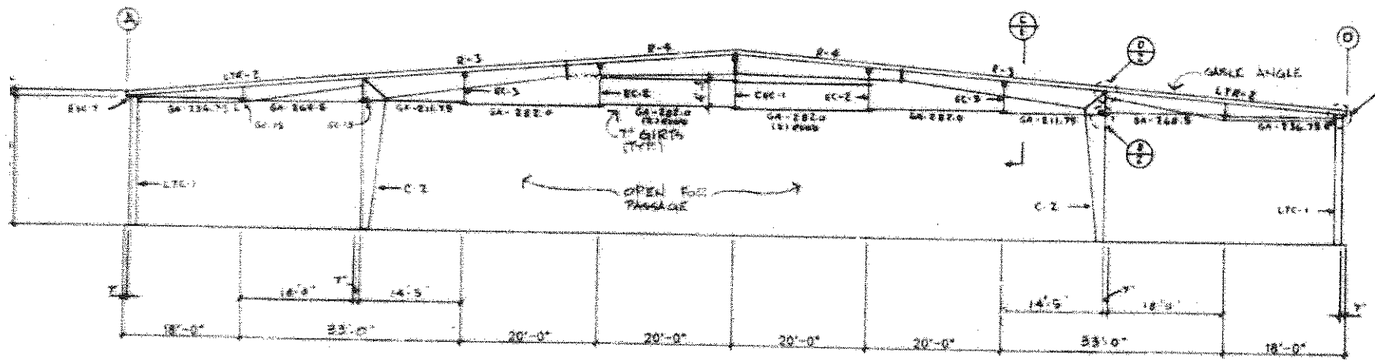
DRAWING	12195-PLAN
DESIGNED	W.P.S.
DRAWN	A.A.C.
CHECKED	W.P.S.
SCALE	1/8"=1'-0"
DATE	2/21/13

MARK	REVISION	DATE

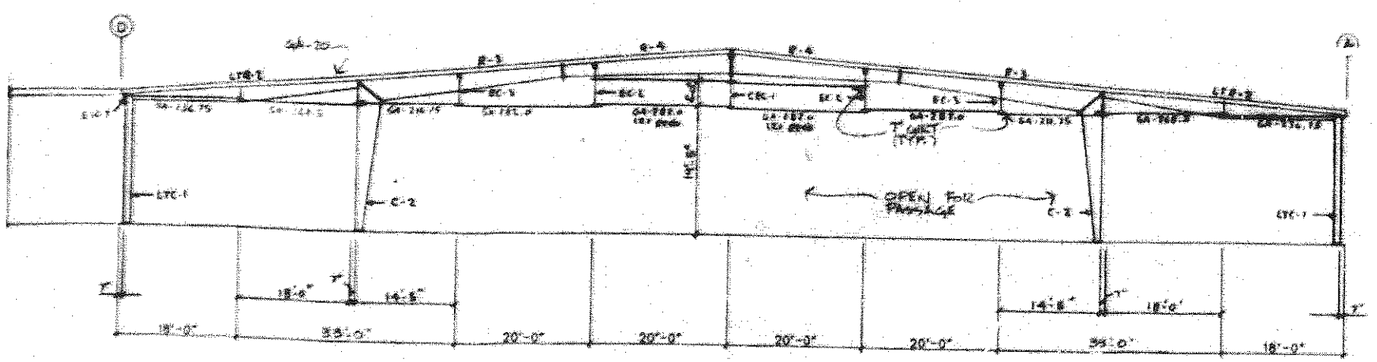


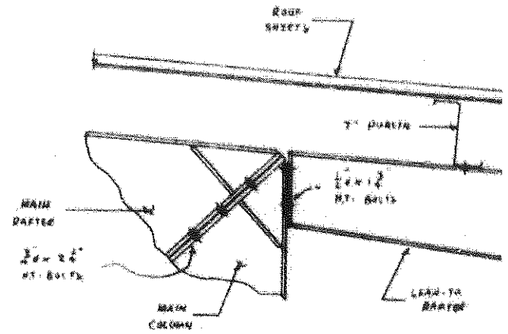
RIGHT ENDWALL ELEVATION @ LINE "B"

LEFT ENDWALL ELEVATION @ LINE "1"

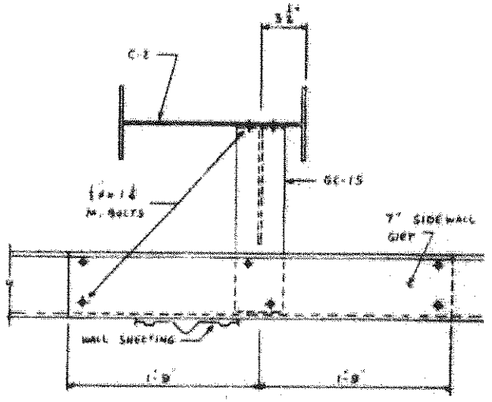


RIGHT ENDWALL ELEVATION @ LINE "B"

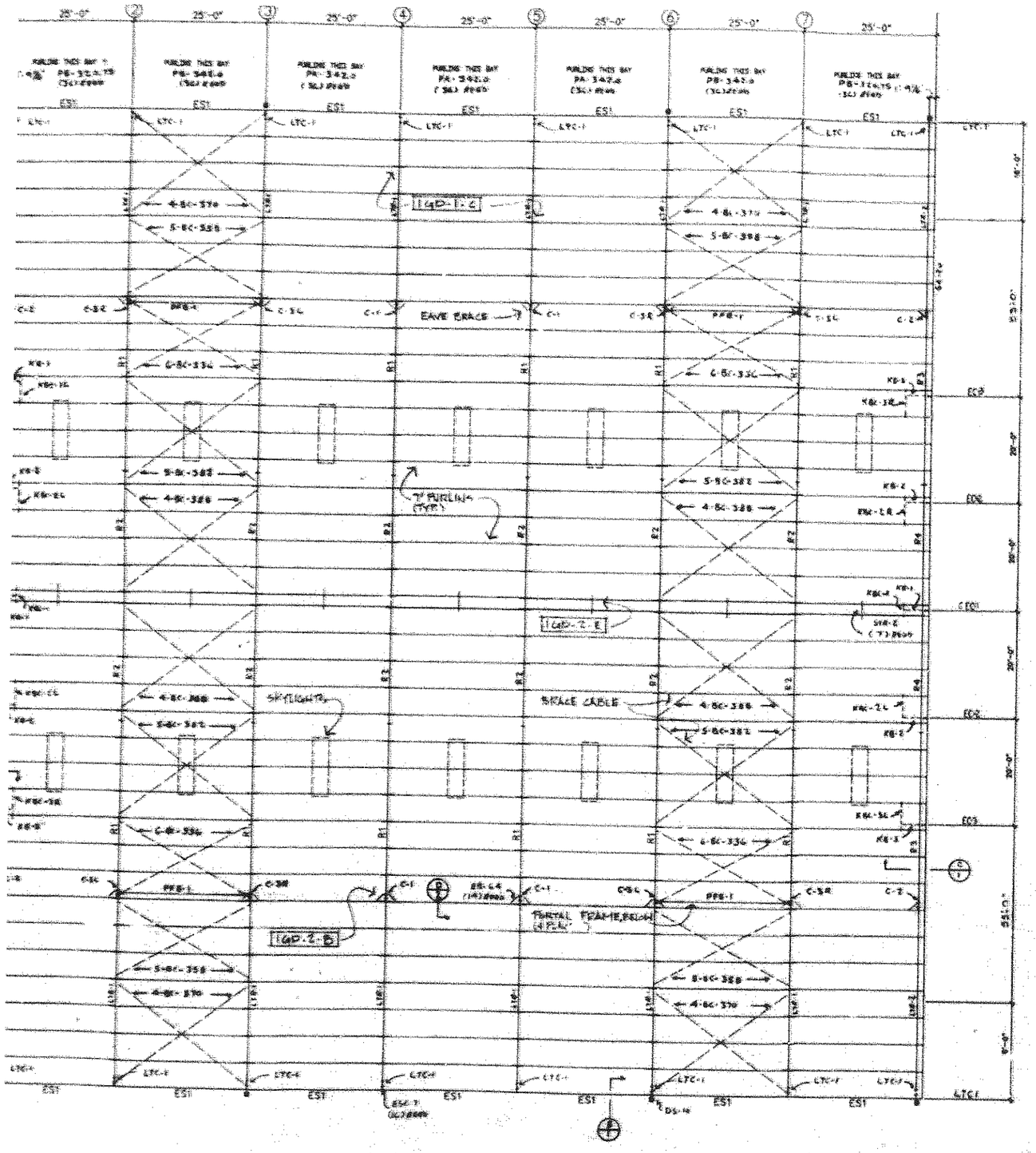




SECTION D/2



SECTION E/2


25'-0"
PURLINS THIS BAY
EST
LTC-1
4-BC-370
5-BC-388
6-BC-334
5-BC-382
4-BC-388
EAVE BRACE
7" PURLINS (TYP.)
BRACE CABLE
SKYLIGHTS
PORTAL FRAME BELOW
GD-2-E
GD-2-D
EC1
EC2
EC3
EC4
EC5
EC6
EC7
EC8
EC9
EC10
EC11
EC12
EC13
EC14
EC15
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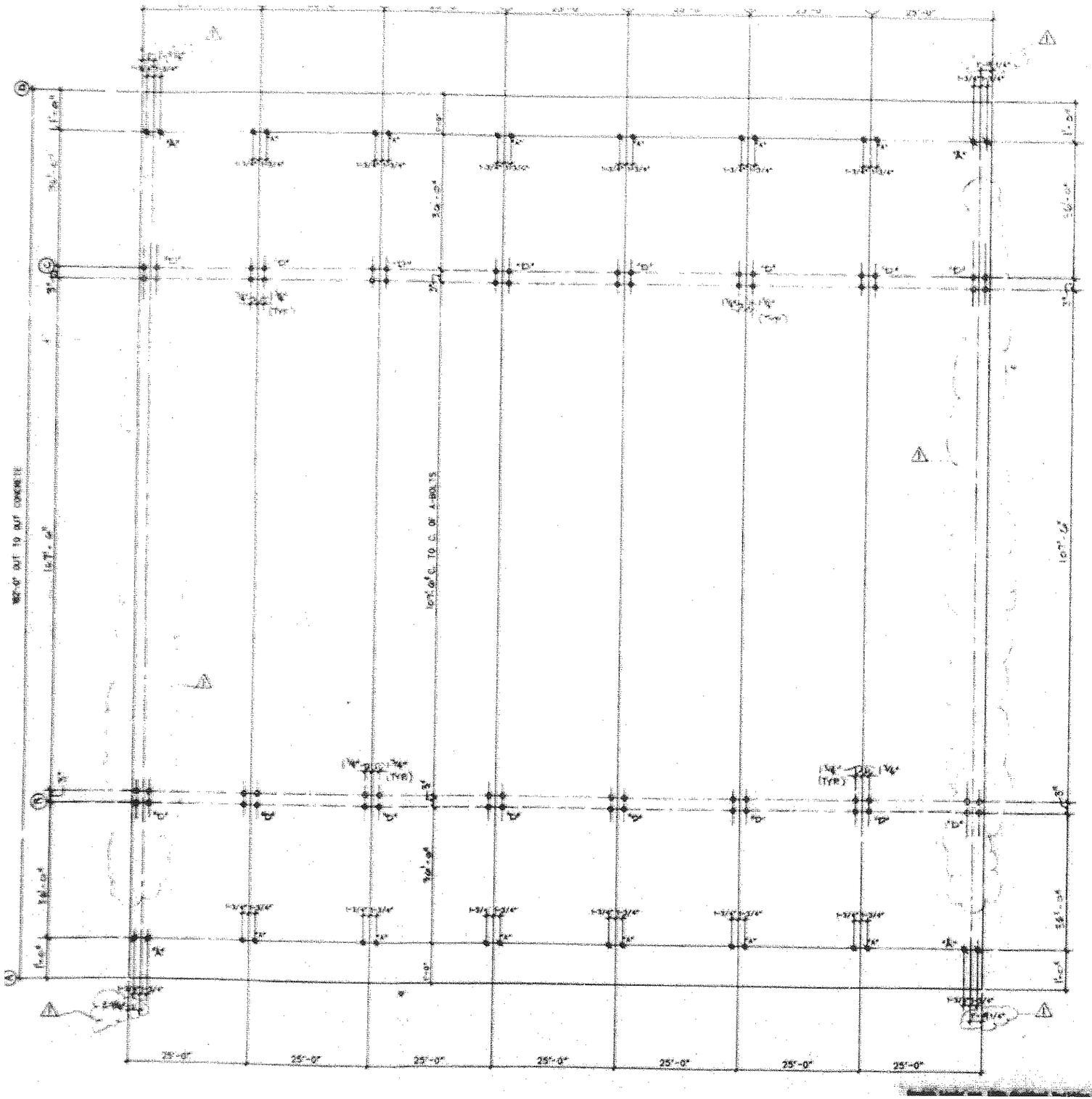
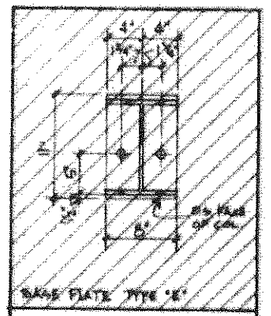
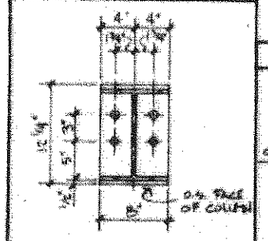
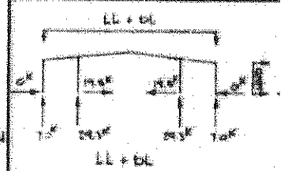
EC38
EC39
EC40

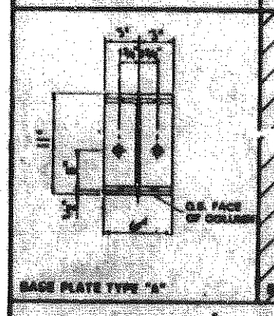


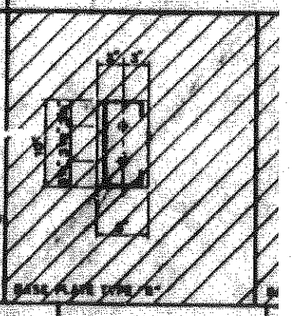


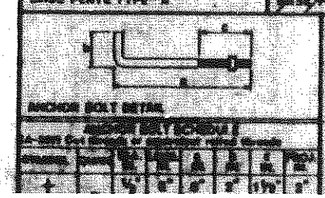


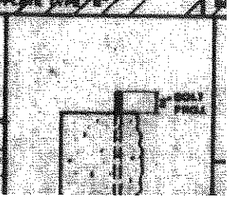
FRAME REACTIONS AT LINES

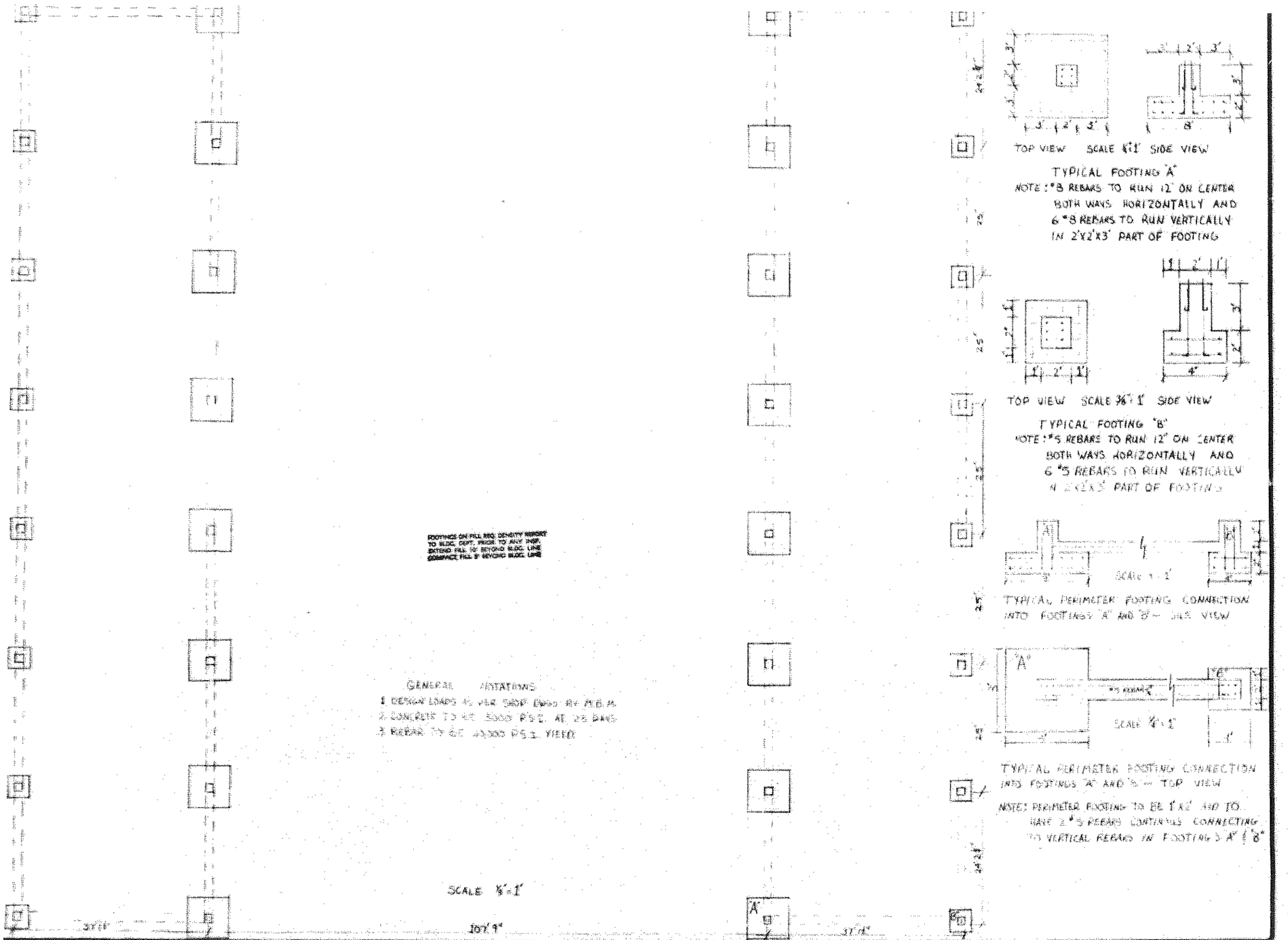












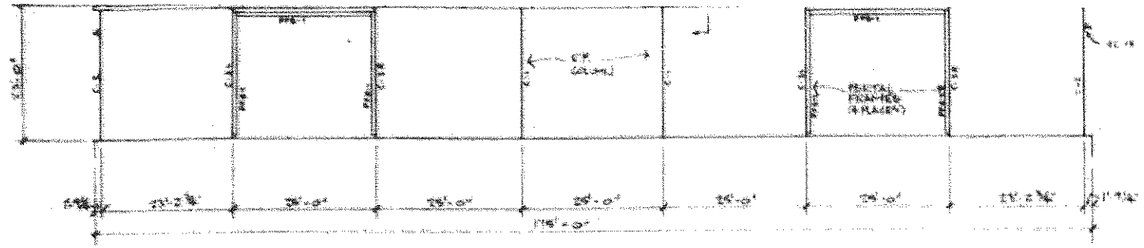
HOTEL

VERO BEACH
FARM BUREAU
RIDING ARENA
VERO BEACH FL

GEN
CONTRACTOR

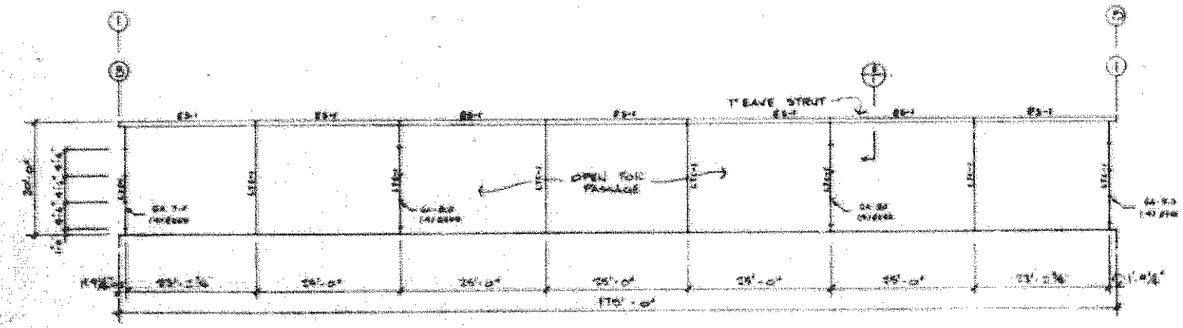
BILL TUMMINGS
CONSTRUCTION
UNLIMITED
FL

DRAWN
CHECKED
DATE
10-19-90
SCALE
VARIES
JOB NO.
SHEET
OF SHEETS



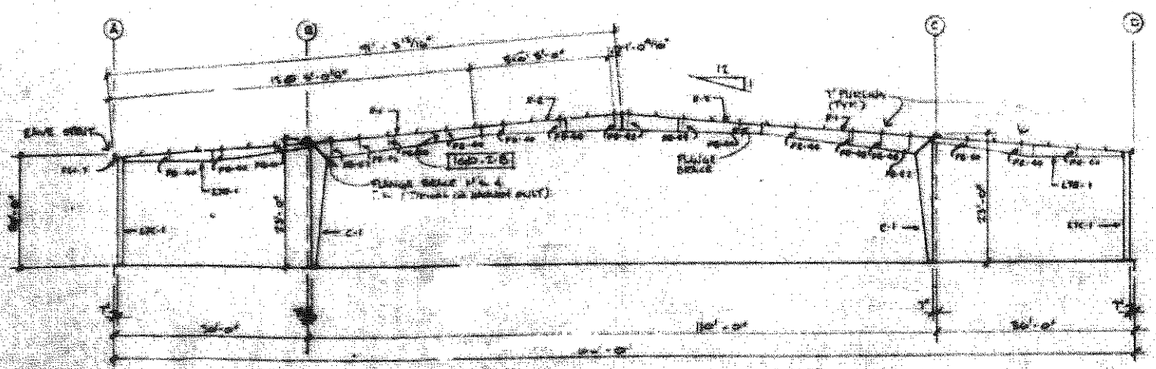
NEAR SIDEWALL ELEVATION @ LINE 'C'

FAR SIDEWALL ELEVATION @ LINE 'K'



NEAR SIDEWALL ELEVATION @ LINE 'A'

FAR SIDEWALL ELEVATION @ LINE 'K'



TYPICAL CROSS