



PROJECT ADDENDUM

TO: Plan Holders
FROM: Stewart
RE: Rescue Squad Park
SUBJECT: **Addendum No. 3**
DATE: August 28, 2014

The following changes shall be incorporated into the plans and specifications dated May 26, 2014 and shall hereby become part of the contract documents. Original items of the project manual and information on the drawings not herein modified, amended, voided or suspended shall remain in effect.

IN CASE OF CONFLICT BETWEEN DRAWINGS, SPECIFICATIONS AND THIS ADDENDUM, THIS ADDENDUM SHALL GOVERN. THIS ADDENDUM SUPERCEDES ALL PREVIOUS DRAWINGS, SPECIFICATIONS, AND INSTRUCTIONS PERTAINING TO THESE ITEMS.

GENERAL

1. Revised Single Prime Contract General Construction Proposal.

The following revisions have been made to the proposal form;

- a. Line item #4I has been added to the form. This item includes an alternative 50' x 100' pre-engineered metal building type to be used in lieu of the "Metal Structure" (Alternate 4) detailed in the Bid Documents. The Basis of Design for this Alternate is shown in the attached drawings prepared by VP Buildings. The building shall be manufactured by VP Buildings, or an approved equal.
- b. Line item #4J has been added to the form. This item includes an alternative 50' x 100' pre-engineered wood building type to be used in lieu of the "Wood Structure" (Alternate 4A) detailed in the Bid Documents. The Basis of Design for this Alternate is Model LW-G50100-03, shown in the attached drawings prepared by RCP Shelters, Inc., or "The Raleigh Shelter", described in the attached specifications provided by EnWood Structures. The building shall be manufactured by RCP Shelters, Inc., or EnWood Structures, or an approved equal.

2. Electric Hand Dryer Substitution.

- a. Hand Dryers by Saniflow Machflow M09ACS are an acceptable substitution. See attached documentation, dated August 8, 2014

Attachments: Revised Single Prime Contract General Construction Proposal
Basis of Design for Line Item #4I
Basis of Design for Line Item #4J
Hand Dryer Substitution Documentation

END OF ADDENDUM NO. 3

Submitted By: James Baysinger
cc: Don Chamblee

**SINGLE PRIME CONTRACT
GENERAL CONSTRUCTION
PROPOSAL**

Rescue Squad Park
for Lincoln County,
North Carolina.

PREPARED BY:
STEWART
200 S. College Street, Suite 720
Charlotte, NC. 28202
704-334-7925

Date: September 5, 2014
TO: Lincoln County, North Carolina

From: _____
Name of Bidder

The undersigned Bidder hereby declares that his Proposal is made without connection with any other person, company, or parties making a similar bid or proposal, and that it is in all respect fair and in good faith, without collusion or fraud. It is the Bidder's intention & purpose to enter into a Contract with Lincoln County. The Bidder signifies that his bid is all-inclusive to perform the Work to renovate and construct the Rescue Squad Park located at Galway Road, Denver, NC, as illustrated in the Contract Documents prepared by **STEWART** and DP3 Architects, dated May 26, 2014. The Bidder has carefully examined the Contract Documents and Proposal Form and is familiar with the scope, details, intent, and conditions under which the Work, or any part of it, is to be done, and the conditions which must be fulfilled in the furnishing and/or erection or construction of any or all items of the Work. The Bidder hereby proposes to furnish all labor, materials, equipment and services necessary to perform the Work required in the Construction Documents and terms of this Proposal for the amounts listed below.

A. Base Bid less B and C below: \$ _____ LS*

B. Gravel Pavement for Parking Lot and Driveways:
Approximately 44,100 SF @ \$ _____ /SF \$ _____

C. Asphalt Pavement for Galway Road:
Approximately 11,325 SF @ \$ _____ /SF \$ _____

Total Bid: (A+B+C)* \$ _____

*Note that the Multipurpose Shelter has been changed to Alternate #4. See below.

UNIT PRICES:

Unit prices quoted and accepted shall apply throughout the life of the Contract, except as otherwise specifically noted. Unit prices shall be applied, as appropriate, to compute the total value of the changes in the scope of the Work all in accordance with the Contract Documents. The Bidder is asked to provide the following unit prices to be used to adjust the Contract up or down if the scope of the Work changes. The quantities for the unit prices for the paving may be adjusted greatly up or down to best suit the Owner's needs and this will not be a basis for claim if quantities are greatly reduced or increased. The Owner may also adjust the quantities to meet funding available and to determine the lowest bidder.

- a) DELETED
- b) DELETED
- c) 8' wide asphalt trail \$ _____ per SF
- d) DELETED
- e) DELETED
- f) DELETED
- g) DELETED
- h) Crushed Stone Walk \$ _____ per SF

ALTERNATES:

Should an Alternate be accepted, the amount written below shall be the amount either "added to" or "deducted from" the Base Bid. The Bidder shall indicate if the Alternate is an addition to or a deduction from the total bid cost by circling (A) for add, or (D) for deduct. If an Alternate is left blank, then the Alternate would not change the Base Bid if accepted. The Owner reserves the right to execute the option of adding the Alternates at any time in the first 180 days of the Contract. The Owner will add 90 days to the contract time, if alternates 1, 2, 3, 4 and/or 8 are selected. The 90 days of contract time will only be issued one time, if any, all, or a combination of the above alternates are selected after the initial contract. The 90 days will only be added for alternates 1, 2, 3, 4, and/or 8. The Bidder agrees to construct the Alternate(s) as described in the Contract Documents for the following prices within the time specified, unless noted otherwise:

- 1. Alternate 1 - Concessions Building and appurtenant utilities: (A) or (D) \$ _____ LS
- 2. Alternate 2 - Dog Park: (A) or (D) \$ _____ LS
- 3. Alternate 3 - Synthetic Turf Multi-purpose Playfield: (A) or (D) \$ _____ LS
- 4. Alternate 4 – Multipurpose Shelter – Metal Structure (A) or (D) \$ _____ LS
 - a. Alternate 4A – Multipurpose Shelter – Wood Structure (A) or (D) \$ _____ LS
 - b. Alternate 4B – Add Plumbing (A) or (D) \$ _____ LS
 - c. Alternate 4C – Add Drinking Fountain (A) or (D) \$ _____ LS
 - d. Alternate 4D – Add Utility Sink (A) or (D) \$ _____ LS

- e. Alternate 4E – Add Ceiling Fans (A) or (D) \$ _____ LS
- f. Alternate 4F – Delete two bays (A) or (D) \$ _____ LS
- g. Alternate 4G – Delete one bay (A) or (D) \$ _____ LS
- h. Alternate 4H – Add Grass Pavers (A) or (D)
 Approximately 11,325 SF @ \$ _____/SF \$ _____
- i. Alternate 4I – Use Alternative Metal Structure (A) or (D) \$ _____ LS
- j. Alternate 4J – Use Alternative Wood Structure (A) or (D) \$ _____ LS
- 5. Alternate 5 – Phase 2 Parking (A) or (D)
 Approximately 14,400 SF @ \$ _____/SF \$ _____
- 6. Alternate 6 – Natural Surface Trail and Wooden Footbridge (A) or (D)
 Approximately 6,200 SF @ \$ _____/SF \$ _____
 One (1) Wooden Footbridge @ \$ _____/EA \$ _____
Total Alternate 6 \$ _____
- 7. Alternate 7 – Walk between playfields
 - a. Alternate 7A – Gravel Walk (A) or (D)
 Approximately 3,750 SF @ \$ _____/SF \$ _____
 - b. Alternate 7B – Concrete Walk (A) or (D)
 Approximately 3,750 SF @ \$ _____/SF \$ _____
- 8. Alternate 8 – Water, Sewer, Pump Station & Forcemain (A) or (D) \$ _____ LS
- 9. Alternate 9 – Concrete Loop (A) or (D)
 Approximately 24,450 SF @ \$ _____/SF \$ _____

The Bidder acknowledges that he shall utilize the following subcontractors on this project.

		LICENSE #
Other	_____	_____
Other	_____	_____
Other	_____	_____

OTHER SUBCONTRACTORS:

List the names and licenses #s of all subcontractors not shown above which will be performing work for which the bidder is not licensed to perform.

<u>CATEGORY</u>	<u>SUBCONTRACTOR</u>	<u>LICENSE #</u>
_____	_____	_____
_____	_____	_____

The undersigned further agrees to begin the work promptly upon receipt of Notice to Proceed and to pursue the work with an adequate work force to complete the work within **240** calendar days from the Notice to Proceed. Five Hundred Dollars (\$500.00) per calendar day is hereby agreed upon as the Liquidated Damages.

Check, Cash, or Bond is attached in the amount of \$_____.

The undersigned Bidder further proposes and agrees to commence the work promptly upon notice to proceed, with adequate forces.

The Bidder acknowledges receipt of the following addenda:

Addendum No. _____	Dated _____
Addendum No. _____	Dated _____
Addendum No. _____	Dated _____

The undersigned has enclosed the following with this Proposal:

- _____ Bid Bond or Bid Deposit
- _____ Certification of Compliance with ADA
- _____ Certification of Non-Discrimination
- _____ MWBE Policy Affidavits

CONTRACTOR: _____

ADDRESS: _____

BY: _____

Print Name: _____

TITLE _____

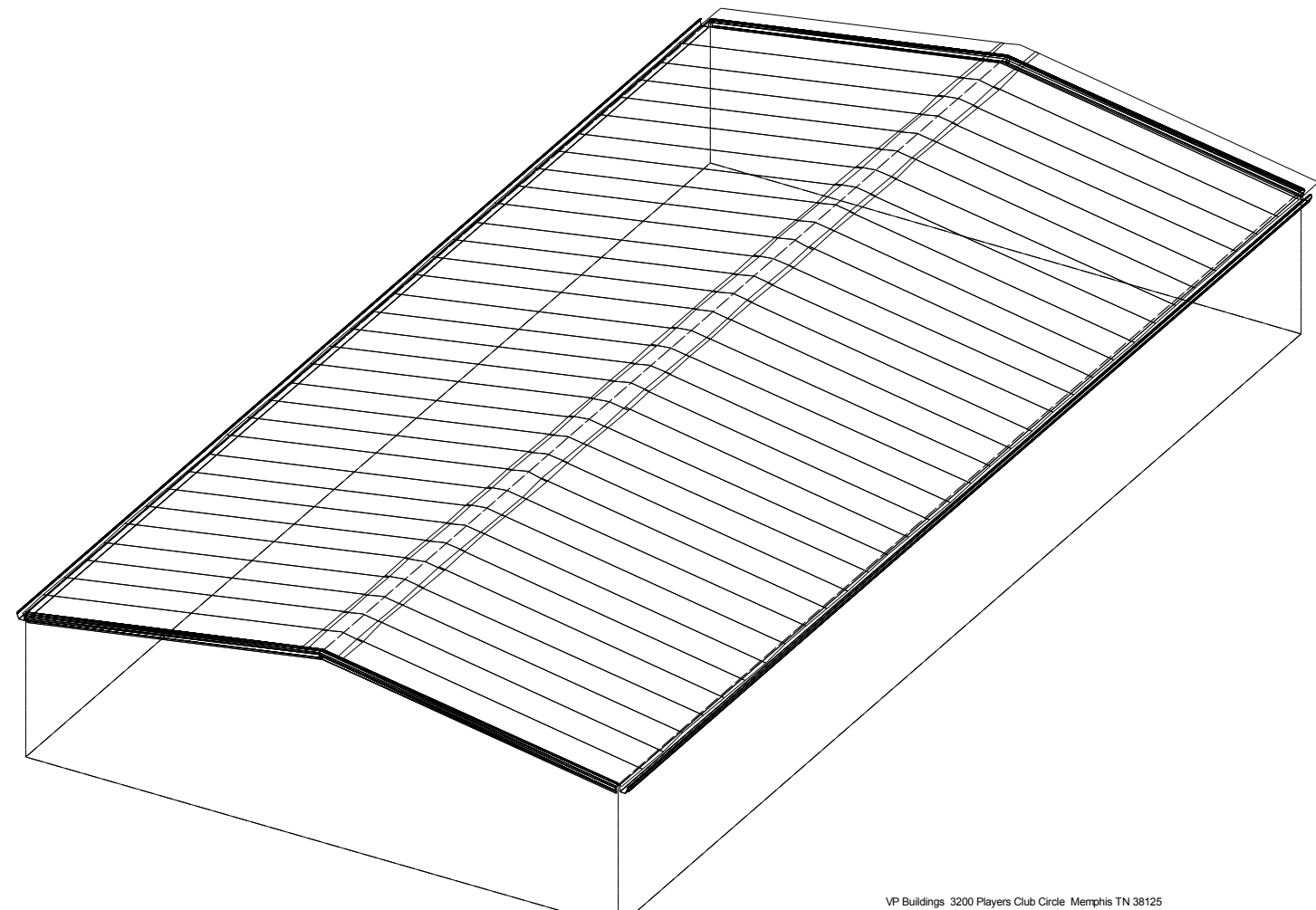
N.C. License Number: _____



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DRAWING INDEX	
DRAWING TITLE	PAGES
Cover Sheet	
Notes	
Anchor Rod Plan	
Primary Structural	
Secondary Structural	
Covering	
Special Drawings	
Standard Erection Details	
Planograph Details	

DRAWING RELEASE HISTORY		
TYPE	DATE	DESCRIPTION



VP Buildings 3200 Players Club Circle Memphis TN 38125

GENERAL NOTES

MATERIALS

3 PLATE WELDED SECTIONS
 COLD FORMED LIGHT GAGE SHAPES
 BRACE RODS
 HOT ROLLED MILL SHAPES
 HOT ROLLED ANGLES
 HOLLOW STRUCTURAL SECTION (HSS)
 CLADDING

ASTM DESIGNATION

A529, A572, A1011, A1018
 A653, A1011
 A572, A510
 A36, A529, A572, A588, A992
 A529, A572, A588, A992
 A500
 A653, A792

GRADE 55
 GRADE 60
 GRADE 50
 GRADE 36 OR 50
 GRADE 50
 GRADE B
 GRADE 50 OR GRADE 80

A325 & A490 BOLT TIGHTENING REQUIREMENTS

IT IS THE RESPONSIBILITY OF THE ERECTOR TO ENSURE PROPER BOLT TIGHTNESS IN ACCORDANCE WITH APPLICABLE REGULATIONS. SEE RCSC SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS FOR MORE INFORMATION. SEE ERECTION GUIDE FOR BOLT TIGHTENING INSTRUCTIONS. THE FOLLOWING CRITERIA MAY BE USED TO DETERMINE THE BOLT TIGHTNESS (I.E. -SNUG TIGHT OR PRE-TENSION) UNLESS REQUIRED OTHERWISE BY LOCAL JURISDICTION OR CONTACT.

ALL A490 BOLTS SHALL BE "PRE-TENSIONED". A325 BOLTS IN PRIMARY FRAMING AND BRACING CONNECTIONS MAY BE " SNUG-TIGHT" EXCEPT AS FOLLOWS:

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS A CRANE GREATER THAN 5 TON CAPACITY.

PRE-TENSION A325 BOLTS IF BUILDING SUPPORTS MACHINERY THAT CREATES VIBRATION, IMPACT, OR STRESS REVERSALS ON CONNECTIONS.

PRE-TENSION A325 BOLTS IF LOCATED IN HIGH SEISMIC AREAS. FOR IBC BASED CODES; HIGH SEISMIC IS DESIGN CATEGORY D, E OR F. SEE CODES AND LOADS SECTION BELOW FOR DETAILS.

PRE-TENSION ANY CONNECTION WITH DESIGNATION A325-SC. SLIP CRITICAL (SC) CONNECTIONS MUST BE FREE OF PAINT, OIL, OR OTHER MATERIALS THAT REDUCE FRICTION AT CONTACT SURFACES. GALVANIZED OR LIGHTLY RUSTED SURFACES ARE ACCEPTABLE.

IN CANADA ALL A325 AND A490 BOLTS SHALL BE "PRE-TENSIONED", EXCEPT FOR SECONDARY MEMBERS AND FLANGE BRACES.

SECONDARY MEMBERS AND FLANGE BRACE CONNECTIONS ARE ALWAYS "SNUG TIGHTENED" UNLESS INDICATED OTHERWISE IN ERECTION DRAWING DETAILS.

CODES AND LOADS

WHEN MULTIPLE BUILDINGS ARE INVOLVED, SPECIFIC LOAD FACTORS FOR DIFFERING OCCUPANCIES, BUILDING DIMENSIONS, HEIGHTS, FRAMING SYSTEMS, ROOF SLOPES, ETC., MAY RESULT IN DIFFERENT LOAD APPLICATION FACTORS THAN INDICATED BELOW. SEE CALCULATIONS FOR FURTHER DETAILS. WIND LOADS ARE APPLIED TO OVERALL BUILDING ENVELOPE. COMMON WALLS BETWEEN CONNECTED SHAPES ARE NOT SUBJECT TO EXTERNAL WIND LOADS.

Building Code: 2012 North Carolina Building Code
 Based on Building Code:: 2009 International Building Code
 Multipurpose: Building Use:Standard Occupancy Structure, Collateral Gravity: 1.00 psf (Not Including bldg wt)
 LIVE LOADS AND RAINFALL
 Roof Live Load 20.00 psf (Reducible)
 Rainfall: 9.00 inches per hour
 CONCRETE FOUNDATIONS Compressive Strength (Min.) - fc: 3000 psi

SNOW LOAD
 Ground Snow: 15.00 psf, Flat Roof Snow: 11.34 psf, Design Snow (Sloped): 11.34 psf
 Snow Exposure Category (Factor): 1 Fully Exposed (0.90)
 Snow Importance: 1.000 Thermal Category (Factor): Unheated (1.20)

WIND LOAD
 The 'All Heights' Method is Used - User Modified
 Wind Speed: 90.00 mph, Wind Exposure: B
 Basic Wind Pressure: 10.13,(Parts) 12.35 psf
 Wind Importance Factor: 1.000, FT= Topographic Factor: 1.0000
 Wind Enclosure: Free Roof - Clear/Obstr
 Note: All windows, doors, skylights and other covered openings must be designed for the specified above wind loads

EARTHQUAKE DESIGN DATA
 Lateral Force Resisting Systems using Equivalent Force Procedure
 Mapped Spectral Response - Ss:29.50 %g, S1:10.00 %g
 Seismic Design Category: C (See Bolt Tightening Note Above)
 Seismic Snow Load: 0.00 psf
 Seismic Importance: 1.000
 Soil Profile Type: Stiff soil (D, 4)
 Design Spectral Response - Sds: 0.3076, Sd1: 0.1600

Ordinary Steel Moment Frames
 Frame Redundancy Factor:1.0000
 Framing R-Factor: 3.0000, Frame Seismic Factor (Cs): 0.1025, Design Base Shear = 0.1025 W
 Ordinary Steel Concentric Braced Frames
 Brace Redundancy Factor:1.0000
 Bracing R-Factor: 3.0000, Brace Seismic Factor (Cs): 0.1025, Design Base Shear = 0.1025 W

THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.

THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.

THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING, DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.



COVER SHEET

BUILDER			JOB #
CUSTOMER			DATE
LOCATION	Lincolnton, North Carolina		6/15/2010
PROJECT	Rescue Squad Park		DRAWN / CHECK
BUILDERS POW		VP VERSION: 2014.1c	PAGE
			1

BUILDER/CONTRACTOR RESPONSIBILITIES

VP Buildings follows the guidelines as outlined in the AISC and MBMA Codes of Standard Practice. VP Buildings standard product specifications, design, fabrication, quality criteria shall govern all work unless stipulated otherwise in the contract documents. In case of discrepancies between VP Buildings structural plans and plans for other trades, VP Buildings structural plans shall govern.

It is the responsibility of the Builder to obtain approvals and permits from all governing agencies and jurisdictions as required. Approval of VP Buildings drawings constitutes the builders acceptance of VP interpretation of the contract purchase order. Unless specific design criteria concerning interface design and details are furnished as part of the contract, VP Buildings design assumptions shall govern.

VP engineers are not Project Engineers or Engineer of Record for the overall project. VP engineering supply sealed engineering design data and drawings for VP supplied material as part of the overall project for use by others to obtain permits, approvals, and coordinate with other trades. The builder or A/E firm are responsible for the overall project coordination, including coordination with appropriate inspection and testing agencies. All interface and/or compatibility of any materials not furnished by VP are to be considered and coordinated by the builder or A/E firm.

CONSTRUCTION & ERECTION RESPONSIBILITY

The Builder is responsible for construction in strict accordance with VP Buildings "FOR CONSTRUCTION" drawings and all applicable product installation guides. VP is not responsible for work done from any other VP drawings that are not marked "FOR CONSTRUCTION", nor any drawings prepared by others.

As erected field assemblies of members shall be as specified in 2006 MBMA Metal Building Systems Manual Sec. 6 (in Canada - CSA S16-01 Clause 29.7), which generally require L/500 tolerance of assembled members. Occasional field work including shimming, cutting, coping, and drilling for final fit-up are considered part of erection. Specified field work and field welding conditions indicated on these drawings shall also be included in the erectors scope of work. See Erection Guide for shimming procedure. For building with top riding bridge cranes see Crane Data drawing for column plumb tolerance.

The building erector shall be properly licensed and experienced in erecting metal building systems. The Builder is responsible for having knowledge of, and shall comply with, all OSHA requirements and all other governing site safety criteria. The builder is responsible for designing, supplying, locating and installing temporary supports and bracing during erection of the building. VP bracing is designed for code required loads after building completion and shall not be considered as adequate erection bracing. See Erection Guide.

EXISTING STRUCTURES

VP must be advised of any existing structure that is within 20 ft. of VP's building. Loadings of both buildings may be affected when adjacent buildings are within this distance. VP cannot be responsible for the design or loading of existing buildings.

BRACING

Tension brace rods work in pairs to balance forces caused by initial tensioning. Care must be taken while tightening brace rods so as not to cause accidental or misalignment of components. All rods must be installed loose and then tightened. Rods should not exhibit excessive sag. For long or heavy rods, or angles it may be necessary to support the rod at mid-bay by suspending it from a secondary member.

Bracing for seismic or wind loading of objects or equipment that are not a part of the VP structure must be designed by a qualified professional to deliver lateral loads to primary frames and rod bracing struts. Equipment bracing and suspension connections must not impose torsion or minor axis loads, or cause local distortion in any VP components. VP accepts no responsibility for design or installation of bracing systems not furnished by VP.

FIELD WELDING

All field welding shall be done at the direction of a design professional, and done in accordance with governing requirements (AWS in USA, CWB in Canada) by welders qualified to perform the welding as directed by the applicable welding procedure specification (WPS). A WPS shall be prepared by the contractor for each welding variation specified. The contractor is responsible for any special welding inspection as required by local jurisdiction. Filler metal shall be 70 ksi (480 MPa) tensile strength. For welds in high seismic force resisting system (Seismic Cat D, E or F), minimum Charpy V-Notch toughness shall meet AISC-341 criteria (20 ft-lbs min @ 0Deg F). Interpass temperatures shall not exceed 550Deg F (300Deg C).

DELIVERIES

It is the responsibility of the builder to have adequate equipment available at the job site to unload trucks in a safe and timely manner. The Builder will be responsible for all retention charges from carriers as a result of job site unloading delays.

Claims for damage or shorts MUST be noted on the Bill-of-Lading or delivery receipt and filed against the carrier by the consignee as per VP's Terms of Sales (F.O.B. Plant) under the Uniform Commercial Code. It is critical that damages or shorts be noted on the Bill-of-Lading or you have little recourse with the carrier. Immediately upon delivery of material, material quantities are verified by the Builder against quantities billed on the shipping document. Neither the Manufacturer nor the carrier is responsible for material shortages against quantities billed on the shipping document if such shortages are not noted on the shipping documents upon delivery of material and acknowledged by the carriers agent. For materials concealed in bundles, boxes, or crates, shortages must be reported immediately upon unpacking. Should products get wet, bundled and crated materials must be unpacked and unbundled immediately to provide drainage of trapped moisture. See Erection Guide for proper job site storage procedure.

SEALANTS

Sealants shall be applied in strict accordance with VP details or weather tightness will be compromised. Sealant must be applied in temperatures and weather conditions consistent with labeling.

INDEPENDENT MEZZANINES

Independent mezzanines must be designed by a professional engineer. The engineer must ensure that proper isolation from the VP building has been provided to avoid structural damage due to differential movements, or inadvertently apply loads to the VP structure. VP accepts no responsibility for the design of the independent mezzanine.

FIRE CODE COMPLIANCE

It is the responsibility of the project design professional and builder to comply with local fire code regulations including consideration of, but not limited to, building use and occupancy, all building construction materials, separation requirements, egress requirements, fire protection systems, etc. Builder shall advise VP of any special requirements to be furnished by VP.

FIELD MODIFICATIONS

Modifications to this building from details and instructions contained on these drawings must be approved in writing by VP Buildings engineers, or other licensed structural engineer. This includes, but is not limited to, removal of roof or wall cladding, removing or moving any flange braces or rod braces, cutting of openings for doors, windows or RTU's, correction of fabrication errors, etc. The owner shall not impose loads to this structure beyond what is specified for this building in the contract documents. VP Buildings accepts no responsibility for the consequences of any unauthorized additions, alterations, or added loads to this structure.

If the builder intends to invoice VP Buildings for modifications in excess of \$1000, The builder must notify VP Buildings immediately, and obtain a Work Authorization from VP Buildings prior to proceeding. All final claims must be submitted to VP Buildings with all supporting documentation within 30 days of the building completion. Claims submitted without work authorizations, or after 30 days will not be accepted. Correction of minor misfits, shimming and plumbing, moderate amount of reaming, drilling, chipping / cutting and minor welding are considered by Code of Standard Practice to be part of erection are not subject to claim reimbursement.

CONCRETE/MASONRY/CONVENTIONAL STUD WALLS

The engineer responsible for the design of the wall system is responsible for coordinating with, or specifying to VP Buildings, any wall to steel compatibility issues such as drift and deflection compatibility, special base details, and wall to VP steel connections. All fasteners, sealant and counter flashing of wall systems are to be provided by contractor. The engineer responsible for the wall shall design the anchorage to VP supporting elements consistent with Code required forces.

PANELS

Oil canning is an inherent characteristic of cold formed steel panels. It is the result of several factors that include induced stresses in the raw material delivered to VP, fabrication methods, installation procedures, and post installation thermal forces. Thru fastened panels will exhibit some dimpling when installed, especially when insulation is installed between panels and secondary supports. Dimpling can be minimized by careful installation, taking care not to over drive fasteners.

Roof rumble is a phenomenon that is caused by wind gusts lifting up on the roof panels and then springing back into place. All panels experience this action to some degree, especially with concealed clip Standing Seam panels. Roof rumble noise may be minimized by providing a layer of blanket insulation between the panels and any hard support surface such as steel secondary members, substrates such as plywood, steel decking, or rigid board insulation. A minimum of 3 inch thick blanket is recommended over steel secondary members, or 2 inch over substrates.

Oil canning, dimpling, and roof rumble do not affect the structural integrity or weather tightness of the panels and is not grounds for rejection of panels.

The Standing Seam joint detail is designed with an interlocking feature for ease of installation. However, it is imperative that installed Standing Seam panels be secured to the secondary structural members and properly seamed prior to departure from the job site each day.

SKYLIGHTS

Local building departments may require added fall restraint due to conditions that may affect the skylight structural integrity. It is the responsibility of the builder to determine and provide any added fall restraint under the skylight as may be required by your building department.

RAIN WATER RUNOFF

Drainage systems must be designed by the project professional to comply with code requirements. VP is not responsible for drainage designs, overflow scuppers, down piping, etc. The project professional and contractor are responsible to ensure that primary drains and overflow devices such as scuppers and auxiliary drains are provided as required for the required rain intensity at the building perimeter and at valley conditions to prevent ponding.

STEEL SHOP COAT

The purpose of VP's shop coat is to provide protection for the steel members during transportation, during temporary job site storage and during erection. Standard shop formulation is not designed to perform as a finish coat when exposed to environmental conditions. Members shall be kept free of the ground and properly drained during job site storage. It is the Builder's responsibility to ensure that if a finish coat is being applied over VP shop coat that the painting contractor verifies compatibility between his finish coat and VP's shop coat.

Fabricator Approvals

IAS FA304; IAS FA377; IAS FA378; IAS FA388; IAS FA389; IAS FA409; IAS FA432; IAS FA455; IAS FA456; Los Angeles, CA #FB00031; and CITY OF HOUSTON 767

Canadian CSA A660 Certifications

VPBMO0; VPBW19; BUTPA0; BUTNC0; and BUTCA0

Engineering Certifications of Authorization

USA--AR#576; FL#30427; ID#C-2470; IL#184-002649; KS#E-29; MS#E-0592; MO#E-2010007736; NC#F-0998; OK#CA4170PE; SD#C-1787; TX#F4828; WV#C03059-00; CAN--AB#P08900; NS#30123; and YT#PP134

ICC Evaluation Reports (www.icc-es.org)

SSR Roof System - #ER-5621

State of Florida Product Approvals (www.floridabuilding.org)

Approved Products Listed Under VP Buildings, Inc.
VP TextureClad - See Transamerican Structuroc, Inc.

Dade Co. Product Approval (www.miamidade.gov/buildingcode)

Approved Products Listed Under Varco Pruden Buildings, Inc.
VP TextureClad - See Transamerican Structuroc, Inc.

Underwriter's Laboratory Approvals




SSR Roof-UL#TGKX-113; SSR Composite Roof Class 90-UL#TGKX-113A;
SSR Roof w/Super Block; Class 90-UL#TGKX-328;
Panel Rib Roof UL Class 60-UL#TGKX-60; Panel Rib Roof UL Class 90-UL#TGKX-64;
VP SLR/AEP SL Roof Class 90-UL#TGKX-90

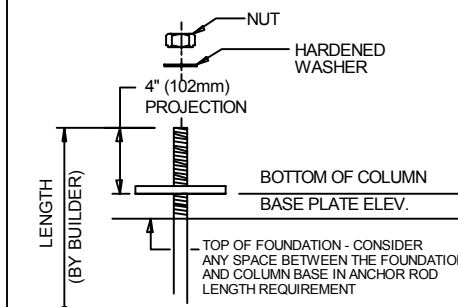
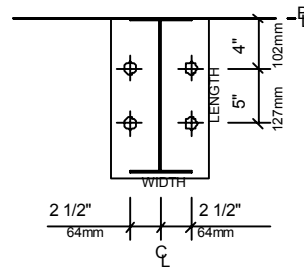
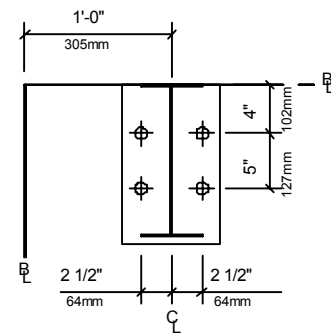
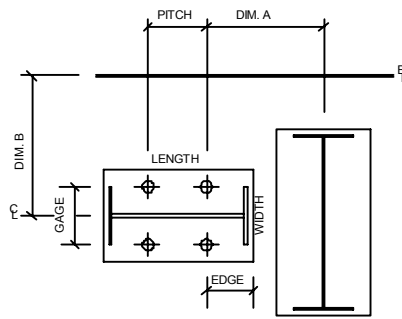
Factory Mutual Approved Assemblies (Available Only When Specified In Contact)

SSR Roof Systems are approved in various type applications and listed in FM Approval Guide.
24 Ga SSR (0.0227" Nominal), is available in Class 1-60, 1-75, 1-90. 22Ga SSR (0.0277" Nominal), is available in Class 1-75, 1-90-, 1-120.
SLR Roof Systems are approved in various type applications and listed in FM Approval Guide.
24 Ga SLR (0.0227" Nominal), is available in Class 1-75 and 1-120.

Army Corps Of Engineers

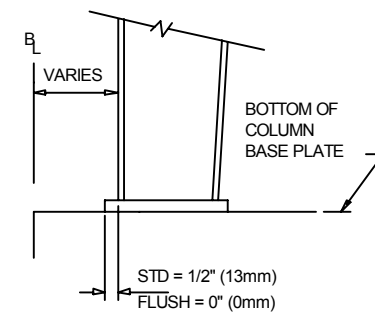
SSR Roof System - CEGS 07416
SLR Roof System - (AEP-SPAN; SPAN-LOK) - CEGS 07416

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THE 4" PROJECTION ABOVE THE BOTTOM OF THE BASE PLATE IS A SUGGESTED MINIMUM TO ENSURE ADEQUATE ANCHOR ROD LENGTH. A DIFFERENT PROJECTION MAY BE REQUIRED BY THE FOUNDATION DESIGNER.
THE ANCHOR ROD PROJECTION MAY NEED TO BE CUT OFF IF THERE IS INTERFERENCE WITH OTHER PARTS.

SUGGESTED ANCHOR ROD PROJECTION



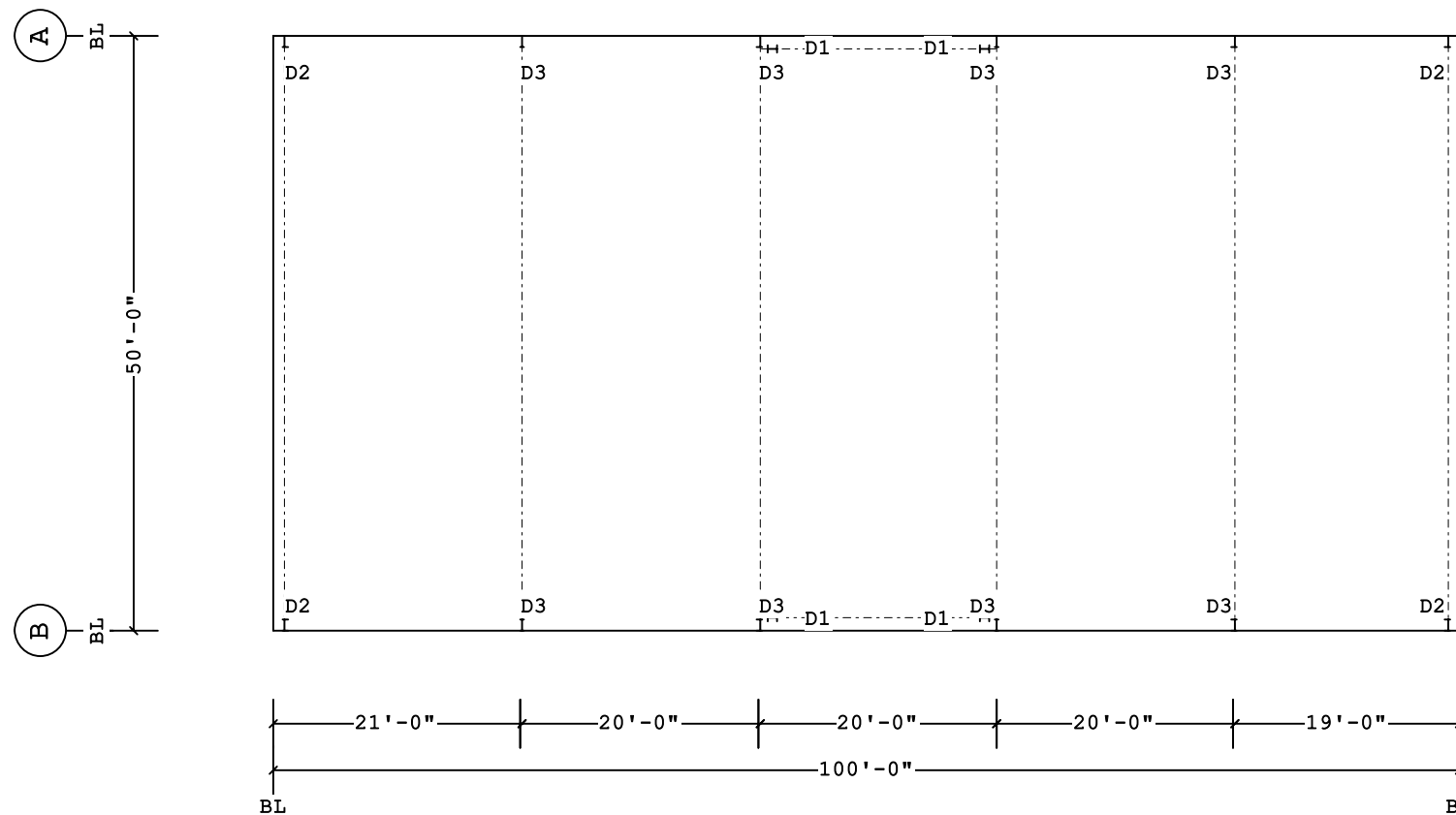
TYPICAL COLUMN BASE PLATE DETAIL

- ANCHOR RODS, NUTS, HARDENED WASHERS AND ANY OTHER EMBEDDED ITEMS ARE TO BE FURNISHED BY CONTRACTOR.
- ANCHOR ROD DIAMETERS WERE DETERMINED BY ALLOWABLE SHEAR AND TENSION PER AISC SPECIFICATIONS (FY=36KSI). (ASTM F1554 GRADE 36) ANCHOR ROD LENGTH, EFFECTS OF EMBEDDED ANCHOR ROD EDGE DIMENSIONS AND METHOD OF TRANSFERRING FORCES FROM ANCHOR RODS TO FOOTINGS ARE TO BE DETERMINED BY OTHERS.
- UNLESS OTHERWISE SPECIFIED, ANCHOR RODS ARE DESIGNED AND DETAILED AS "CAST-IN-PLACE" ANCHOR RODS WITH "SNUG TIGHT" CONNECTIONS.
- FOUNDATION MUST BE LEVEL, SQUARE AND SMOOTH. ANCHOR RODS MUST BE ACCURATELY PLACED AS SHOWN ON THIS DRAWING OR STEEL WILL NOT FIT. THE BUILDER IS RESPONSIBLE FOR ACCURATE SETTING OF ANCHOR RODS PER AISC CODE OF STANDARD PRACTICE, SEC 7.5. VARIATIONS ARE SUMMARIZED BELOW:
 - CENTERS OF ANY TWO AR'S WITHIN A COLUMN BASE GROUP: +1/8"
 - CENTERS OF ADJACENT AR GROUPS: +1/4"
 - TOPS OF AR'S: +1/2"
 - ACCUMULATED DIM BETWEEN CENTERS OF AR GROUPS ALONG COLUMN LINE: +1/4" PER 100FT., NOT TO EXCEED 1" TOTAL.
 - DIM FROM CENTER OF ANY AR GROUP FROM COLUMN LINE: +1/4"
- DESIGN LOADS AND REACTIONS ARE FURNISHED IN THE REACTIONS REPORT.

D1 (4) 3/4" Dia. GR36 A.Rods
Plate W=8" L=11"
Dim: A=11 1/2" B=1'-1"
Gage=5" Pitch=5" Edge Out=4"
Elev.=100'-0"

D2 (4) 3/4" Dia. GR36 A.Rods
Plate W=8" L=1'-1"
Elev.=100'-0"

D3 (4) 3/4" Dia. GR36 A.Rods
Plate W=8" L=1'-1"
Elev.=100'-0"



ANCHOR ROD PLAN

Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)

<-> THE BUILDING IS DESIGNED WITH BRACING DIAGONALS IN THE DESIGNATED BAYS. COLUMN BASE REACTIONS, BASE PLATES AND ANCHOR RODS ARE AFFECTED BY THIS BRACING AND DIAGONALS MAY NOT BE RELOCATED WITHOUT CONSULTING THE BUILDING SUPPLIERS ENGINEER.

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VP Buildings
3200 Players Club Circle Memphis TN 38125

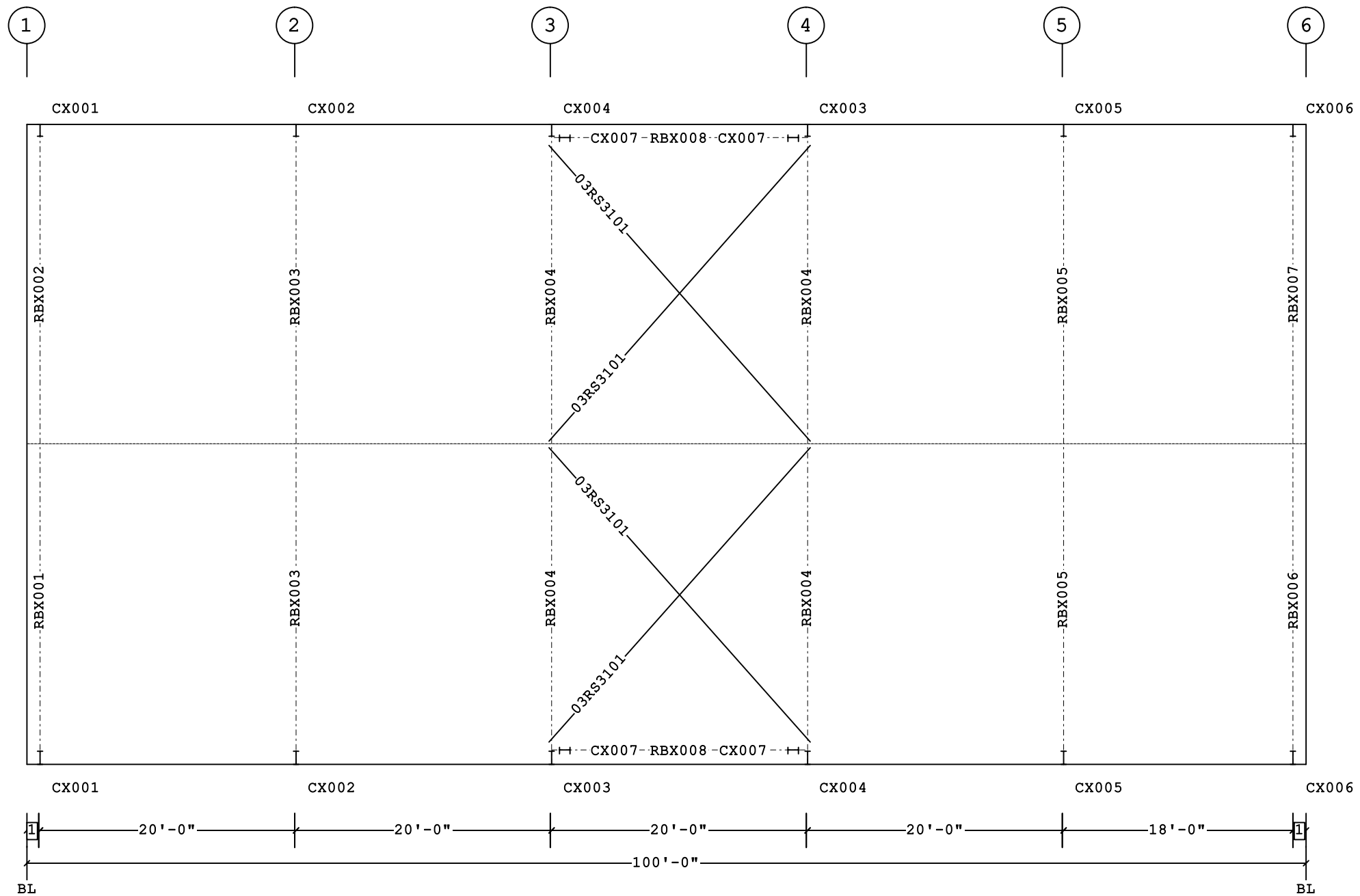
REV	DATE	BY	DESCRIPTION

ANCHOR ROD PLAN

BUILDER	
CUSTOMER	
LOCATION	Lincolnton, North Carolina
PROJECT	Rescue Squad Park
BUILDER'S P.O.#	



JOB #	
DATE	6/15/2010
DRAWN/CHECK	
PAGE	



Bracing Part Schedule

Part	Qty	Length
03RS3101	4	31'-1"

Detail
BR02H1

PRIMARY AND ROOF BRACING PLAN

1 1'-0"
Dimension Key

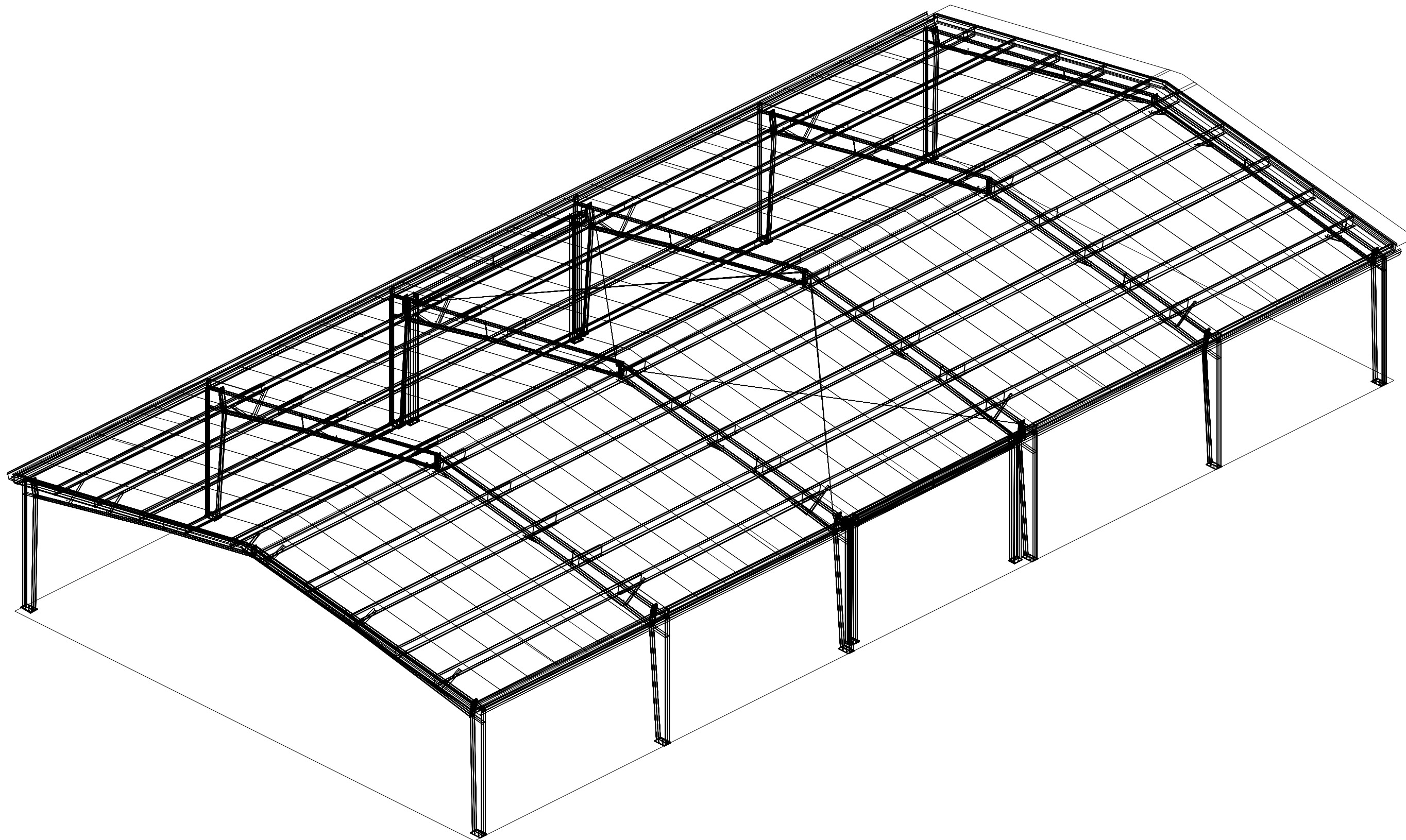
1. USE 1/2 X 1 1/2 A325-N BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE.
2. SLOT REINFORCEMENT PLATES NEED NOT BE LOCATED ON THE SAME SIDE OF THE WEB AS THE HILLSIDE WASHER.

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VP Buildings 3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

PRIMARY AND ROOF BRACING PLAN		VP BUILDINGS VP BUILDINGS	
BUILDER	CUSTOMER	LOCATION	Lincolnton, North Carolina
PROJECT	Rescue Squad Park	BUILDER'S PO#	
DATE	6/15/2010	JOB #	
DRAWN/CHECK		PAGE	
VP VERSION	2014.1c	FILENAME	DM-14102 Rescue Squad Park - 50ft. Wide (REV_01-08-2014)




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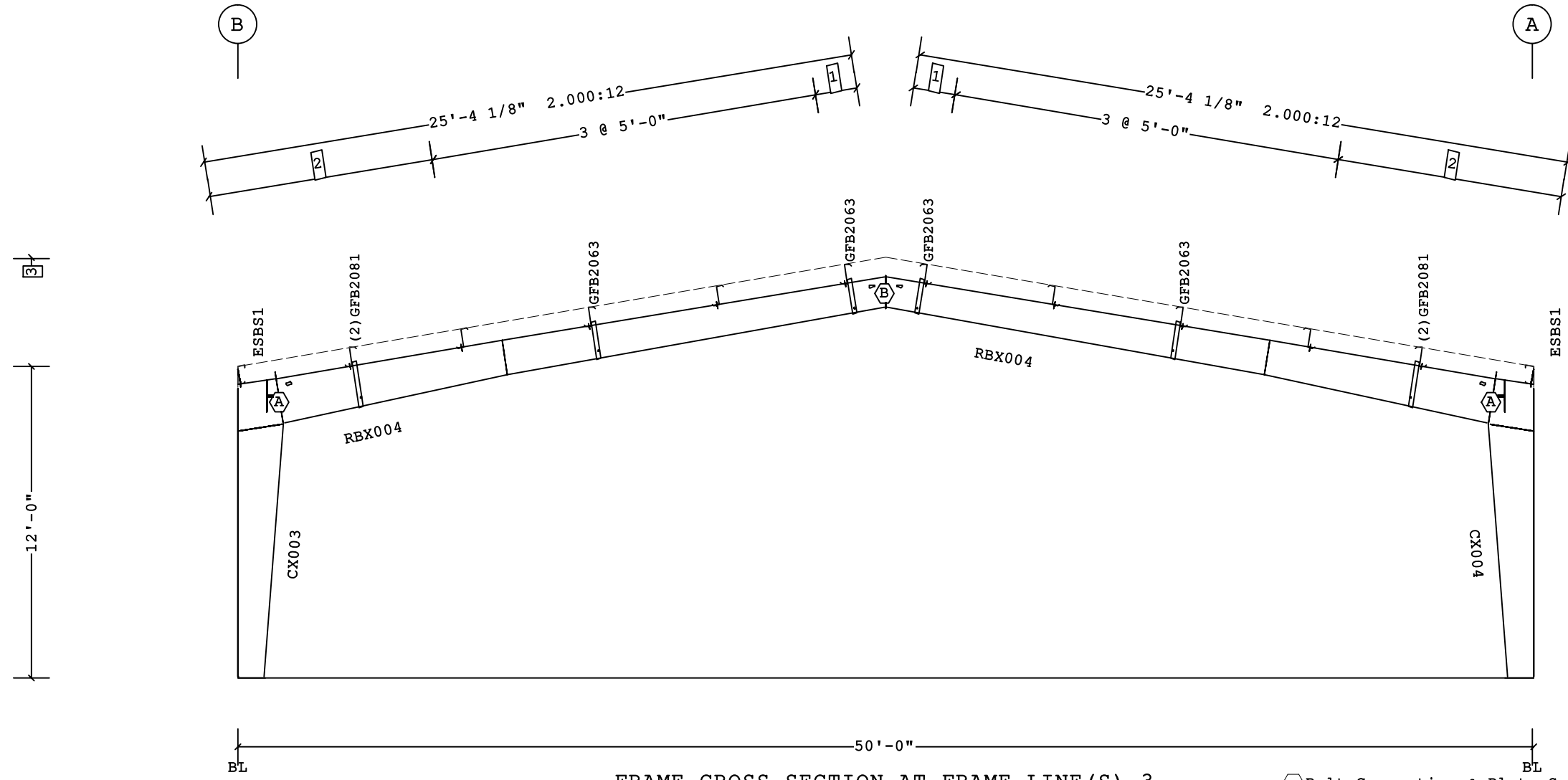
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VP Buildings 3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			
8/28/2014 9:59:56			

PERSPECTIVE FOR Multipurpose		 <small>VP BUILDINGS MEMPHIS, TN</small>	JOB #
BUILDER			DATE
CUSTOMER			6/15/2010
LOCATION			DRAWN/CHECK
PROJECT		Lincolnton, North Carolina	PAGE
BUILDER'S PO#		Rescue Squad Park	
VP VERSION		2014.1c	
FILENAME: DM-14102 Rescue Squad Park - 50ft. Wide (REV_01-08-2014)			

Part	Mem	Width	Thick	WebThk.	Depth1	Depth2	Approx.Lgth	Approx.Weight
CX003	1	5.0000	.1875	.1345	1'-0"	1'-9"	11'-6 3/16"	211#
RBX004	2	5.0000	.1875	.1345	1'-9"	1'-4"	23'-10 5/16"	345#
	3	5.0000	.1345	.1644	1'-4"	1'-2"		
RBX004	4	5.0000	.1345	.1644	1'-2"	1'-4"	23'-10 5/16"	345#
	5	5.0000	.1875	.1345	1'-4"	1'-9"		
CX004	6	5.0000	.1875	.1345	1'-0"	1'-9"	11'-6 3/16"	211#

Frame Clearances
 Horiz. Clearance between members 1(CX003) and 6(CX004): 46'-5 13/16"
 Vert. Clearance at member 1(CX003): 9'-9 1/8"
 Vert. Clearance at member 6(CX004): 9'-9 1/8"
 Finished Floor Elevation = 100'-0" (Unless Noted Otherwise)



FRAME CROSS SECTION AT FRAME LINE(S) 3

Bolt Connection & Plate Schedule									
Id	Qty	Grade	Bolt Dia.	Bolt Length	Plate Thick.	Rows Out	Rows In	PartNo	
A	8	A325	3/4"	2 1/2"	3/8"	2	2	0097284	
B	4	A325	3/4"	2 1/2"	3/8"	1	1	0097284	

- 3 16'-2" Ridge Ht.
 - 2 2 @ 4'-4 3/8"
 - 1 1'-7 7/16"
- Dimension Key

Shape Name = Multipurpose Wall 4, Frame 3

1. USE 1/2 X 1 1/2 A325-N BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS, SECONDARY CLIP CONNECTIONS, AND FLANGE BRACE CONNECTIONS, UNLESS NOTED OTHERWISE.
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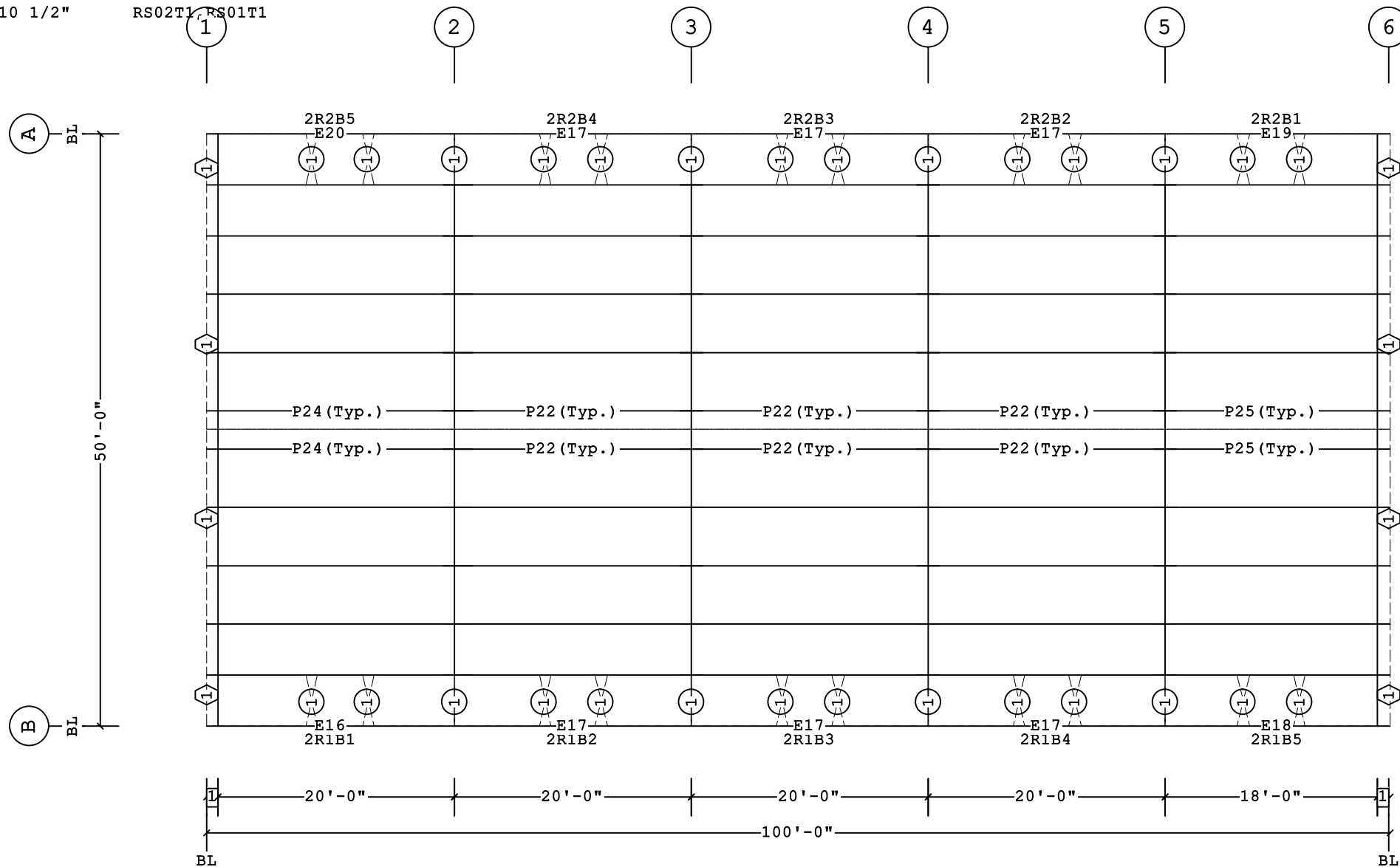
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REV	DATE	BY	DESCRIPTION

VP Buildings 3200 Players Club Circle Memphis TN 38125		FRAME CROSS SECTION AT FRAME LINE(S) 3	
BUILDER	CUSTOMER	LOCATION	Lincolnton, North Carolina
PROJECT	Rescue Squad Park		
BUILDER'S P.O.#			
VP VERSION: 2014.1c	JOB #	DATE	6/15/2010
		DRAWN/CHECK	
		PAGE	

Secondary Part Schedule

Mark	Part	Thick.	Depth	Lap	Detail
E16	00108ES2011417B02	0.0600	8 1/2"		RS12PH,RS12PA
E17	08E1911417DDB02	0.0600	8 1/2"		RS12PA
E18	00208ES1811417B02	0.0600	8 1/2"		RS12PH,RS12PA
E19	00308ES1811417B02	0.0600	8 1/2"		RS12PH,RS12PA
E20	00408ES2011417B02	0.0600	8 1/2"		RS12PH,RS12PA
P22	08Z211141711B0	0.0600	8 1/2"	10 1/2"	RS01T1
P24	08Z2205416A2B0	0.0680	8 1/2"	1'-4 1/2"	RS02T1,RS01T1
P25	08Z1911417A1B0	0.0600	8 1/2"	10 1/2"	RS02T1,RS01T1



Secondary Bracing Schedule

Id	Qty	Mark No	Spacing
1	48	PBA0408	4'-4 3/8"

See SED:
BR09K5, BR09JG, BR09RY, BR09RZ, BR09K2

Part Mark Key
1 RCHB15

1 1'-0"
Dimension Key

ROOF SECONDARY PLAN FOR Multipurpose

Shape Name = Multipurpose

- UNLESS NOTED, USE 1/2 X 1 1/2 A325-N BOLT (49080) AND NUT (47120) W/O WASHERS. SNUG TIGHTEN BOLTS FOR ALL SECONDARY CONNECTIONS.
- FLANGE BRACES ARE AN INTEGRAL PART OF THE STABILITY OF THE STRUCTURAL SYSTEM AND MUST BE PROPERLY INSTALLED PRIOR TO ERECTION OF WALL AND ROOF SHEETS.
- REMOVAL OR ALTERATION OF ANY COMPONENT IS PROHIBITED.

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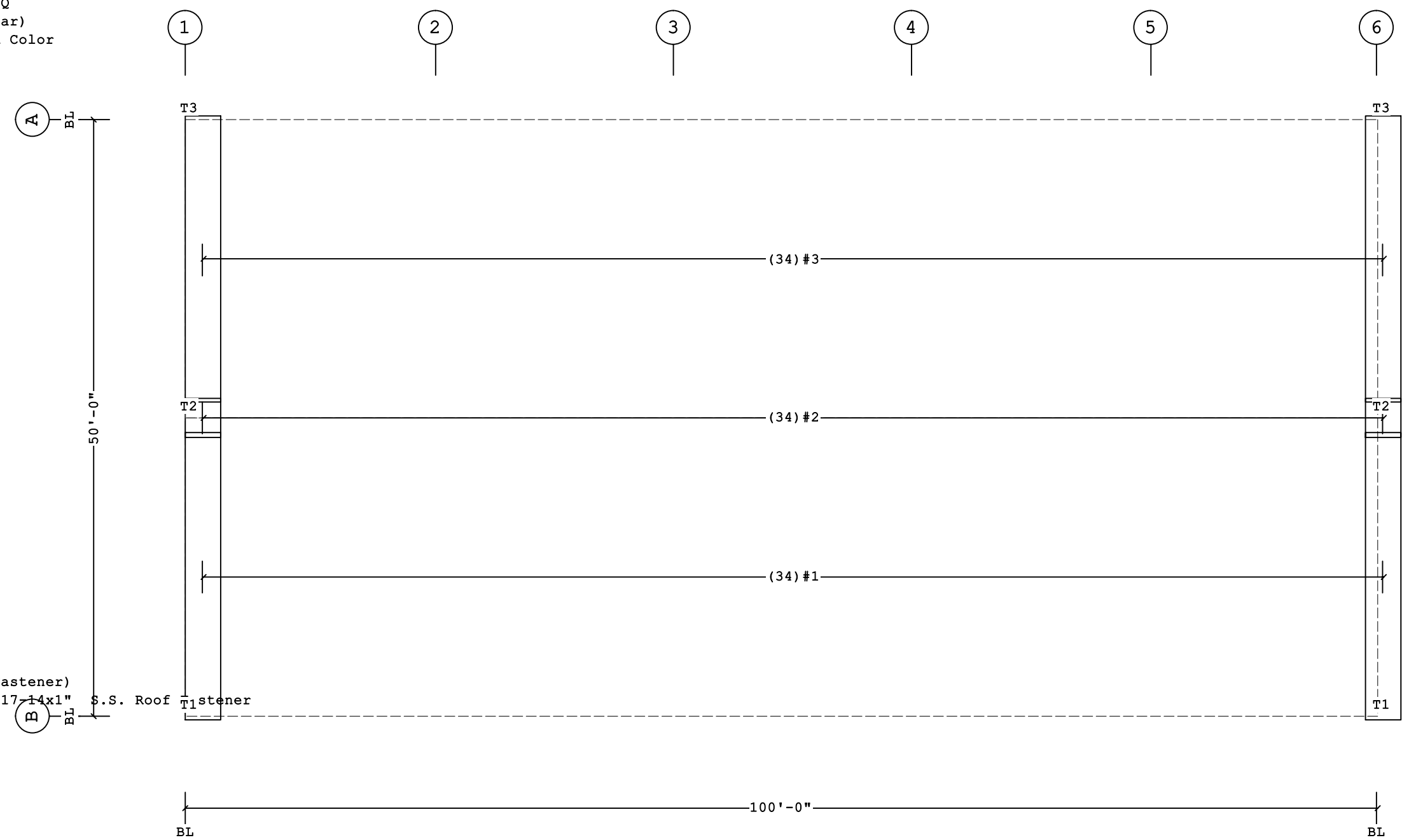
VP Buildings 3200 Players Club Circle Memphis TN 38125			
REV	DATE	BY	DESCRIPTION
NTS			

ROOF SECONDARY PLAN FOR Multipurpose		VP BUILDINGS VP BUILDINGS	
BUILDER	CUSTOMER	VP BUILDINGS	JOB #
LOCATION	PROJECT	VP BUILDINGS	DATE
Lincolnton, North Carolina	Rescue Squad Park	VP BUILDINGS	6/15/2010
BUILDER'S PO#	PAGE	VP BUILDINGS	DRAWN/CHECK
		VP BUILDINGS	

Covering Schedule
 Id Qty Length Type Gage OP Fin. Color Direction
 #1 34 24'-4 1/4" PR 24 1 K TD Left to Right
 #2 34 3'-4" PR 24 3 K TD Left to Right
 #3 34 24'-4 1/4" PR 24 1 K TD Right to Left
 Oper. Code:1=SQ,SQ
 Oper. Code:3=SQ,SQ
 Finish:K=KXL (Kynar)
 Color:TD=Standard Color

Trim Schedule
 Id Parts
 T1 BS1,FPRF1,GGC2,MCC1
 T2 RRC20,SPC20
 T3 BS1,FPRF1,GGC2,MCC1

Color Details
 Cool Dark Bronze RC38N1
 Cool Dark Bronze RC38C4
 Cool Dark Bronze RC38N1



- (Field Repair Fastener)
 (1 bags) #55308 #17-14x1" S.S. Roof Fastener
 Dimension Key

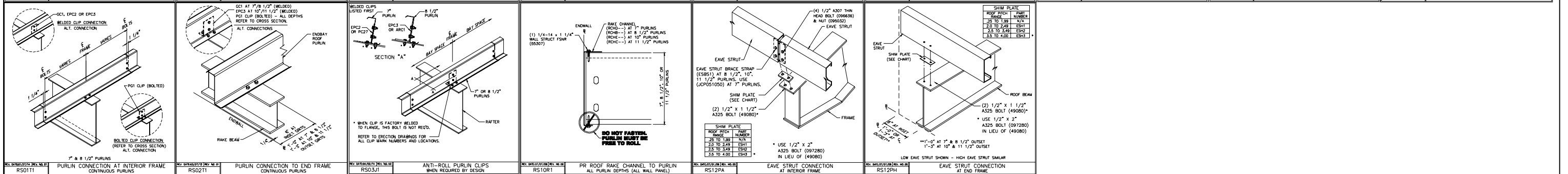
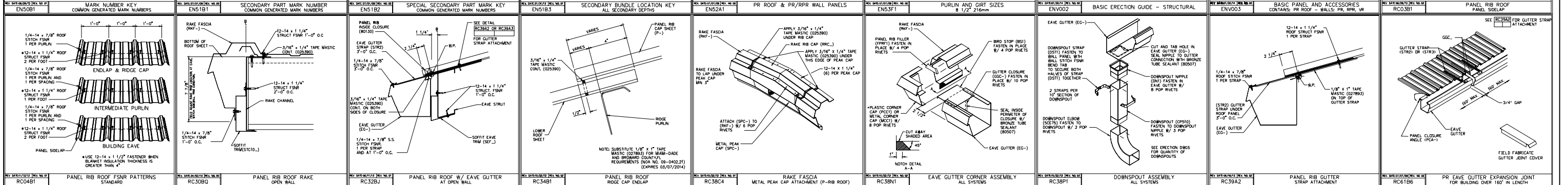
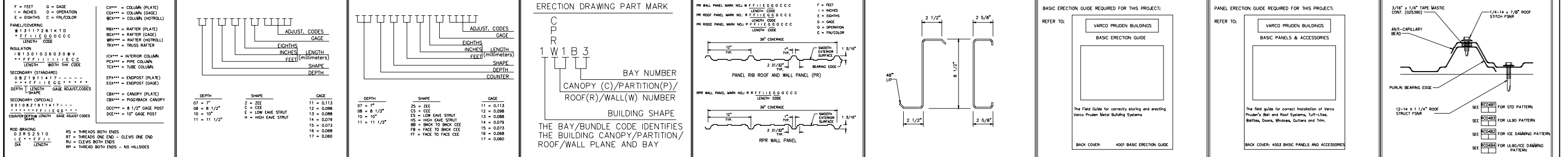
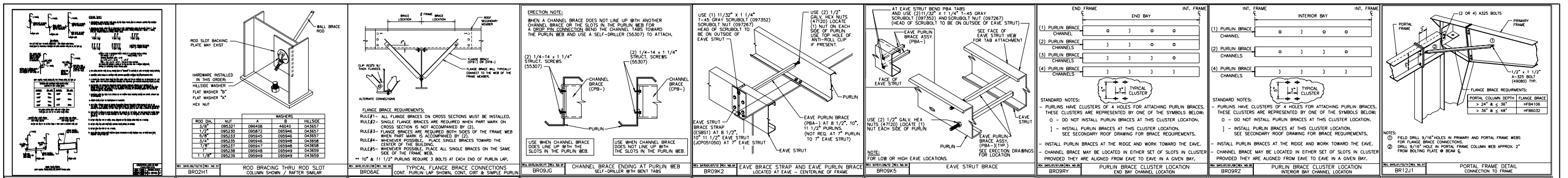
Fastener Schedule

Part	Description
Roof Struct 1 1/4 (T-2)	#12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
0097584-105 (T-2)	#12-14 x 1 1/4", 5/16" Hex Hd, SS Cap w/Washer
Roof Stitch 7/8 SS(T-1)	1/4-14 x 7/8", 5/16" Hex Hd, SS Cap w/Washer

ROOF COVERING PLAN

Shape Name = Multipurpose

<p>1. PRE-DRILLING 1/8 DIAMETER HOLES FOR STRUCTURAL FASTENERS MAY BE REQUIRED FOR HEAVY GAGE NESTED ZEE'S AND/OR FASTENERS TO STRUCTURAL BEAMS</p> <p>2. STEEL PANELS ARE AN INTEGRAL PART OF THE STRUCTURAL SYSTEM. REMOVAL OR ALTERATION WITHOUT PRIOR AUTHORIZATION IS PROHIBITED.</p> <p>3. PANELS SHOWN WITH A LENGTH LESS THAN 5 FT MAY HAVE TO BE FIELD CUT.</p> <p>4. SEE JOB DETAILS FOR COVERING AND TRIM FASTENER SPECIFICATION.</p>	<p>THE VP ENGINEER'S SEAL APPLIES ONLY TO THE WORK PRODUCT OF VP AND DESIGN AND PERFORMANCE REQUIREMENTS SPECIFIED BY VP. THE VP ENGINEER'S SEAL DOES NOT APPLY TO THE PERFORMANCE OR DESIGN OF ANY OTHER PRODUCT OR COMPONENT FURNISHED BY VP EXCEPT TO ANY DESIGN OR PERFORMANCE REQUIREMENTS SPECIFIED BY VP.</p>	<p>THIS DRAWING, INCLUDING THE INFORMATION HEREON, REMAINS THE PROPERTY OF VP BUILDINGS. IT IS PROVIDED SOLELY FOR ERECTING THE BUILDING DESCRIBED IN THE APPLICABLE PURCHASE ORDER AND SHALL NOT BE MODIFIED, REPRODUCED OR USED FOR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN APPROVAL OF VP BUILDINGS.</p> <p>THE GENERAL CONTRACTOR AND/OR ERECTOR IS SOLELY RESPONSIBLE FOR ACCURATE GOOD QUALITY WORKMANSHIP IN ERECTING THIS BUILDING IN ACCORDANCE WITH THIS DRAWING. DETAILS REFERENCED IN THIS DRAWING, ALL APPLICABLE VP BUILDINGS ERECTION GUIDES, AND INDUSTRY STANDARDS PERTAINING TO PROPER ERECTION, INCLUDING THE CORRECT USE OF TEMPORARY BRACING.</p>	<p>VP Buildings 3200 Players Club Circle Memphis TN 38125</p>		<p>ROOF COVERING PLAN</p>		<p>JOB #</p> <p>DATE 6/15/2010</p> <p>DRAWN/CHECK</p> <p>PAGE</p>		
			REV	DATE	BY	DESCRIPTION		BUILDER	CUSTOMER
									Lincolnton, North Carolina
									Rescue Squad Park
<p>NTS</p>				BUILDER'S POW		VP BUILDINGS VP BUILDINGS	VP VERSION: 2014.1c		
8/28/2014		10:00:28		FILENAME: DM-14102 Rescue Squad Park - 50ft. Wide (REV_01/08/2014)		VP BUILDINGS, Inc.			



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REV	DATE	BY	DESCRIPTION

VP Buildings
3200 Players Club Circle Memphis TN 38125

BUILDING SED'S

BUILDER: _____
 CUSTOMER: _____
 LOCATION: Lincolnton, North Carolina
 PROJECT: Rescue Squad Park
 BUILDERS POF# _____

NTS

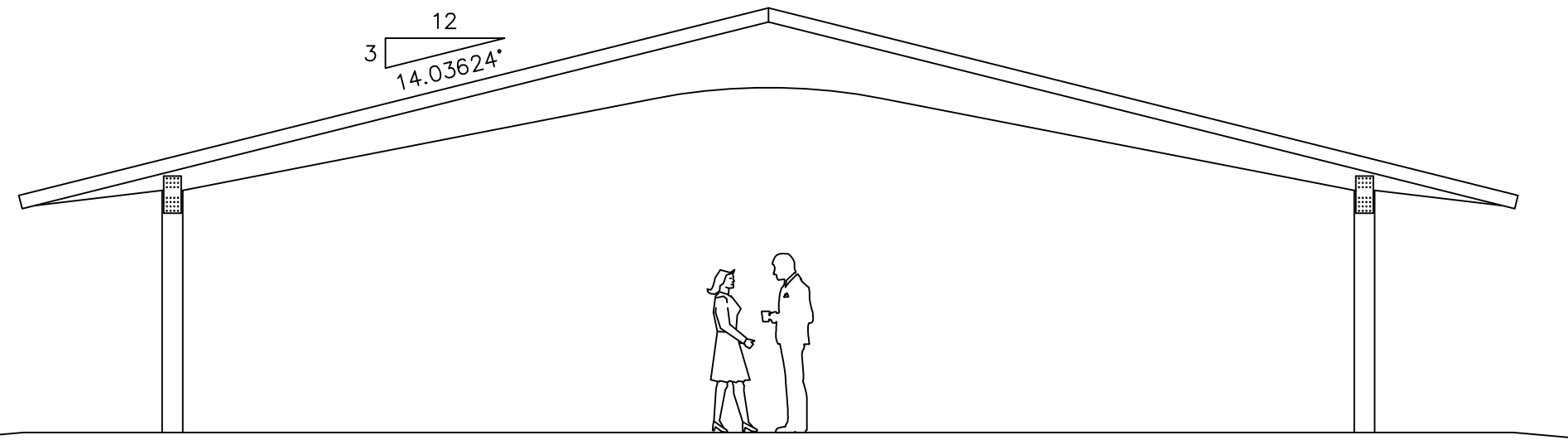
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FILENAME: DM-14102 Rescue Squad Park - 50ft. Wide (REV 01/08/2014)

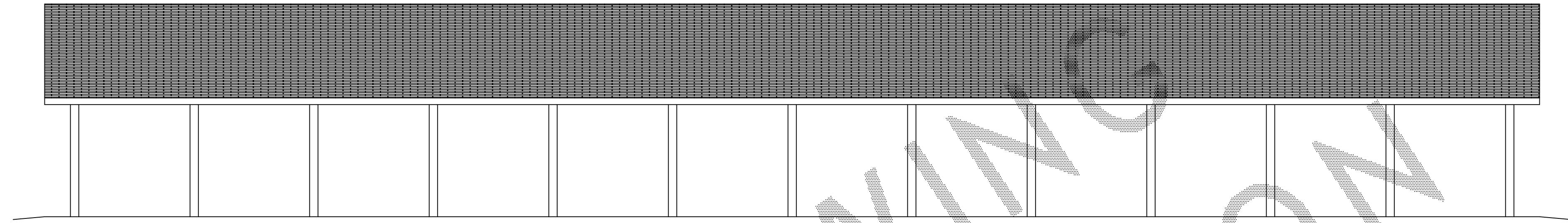
VP BUILDINGS
VP BUILDINGS
VP BUILDINGS

JOB # _____
 DATE: 6/15/2010
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 PAGE: _____

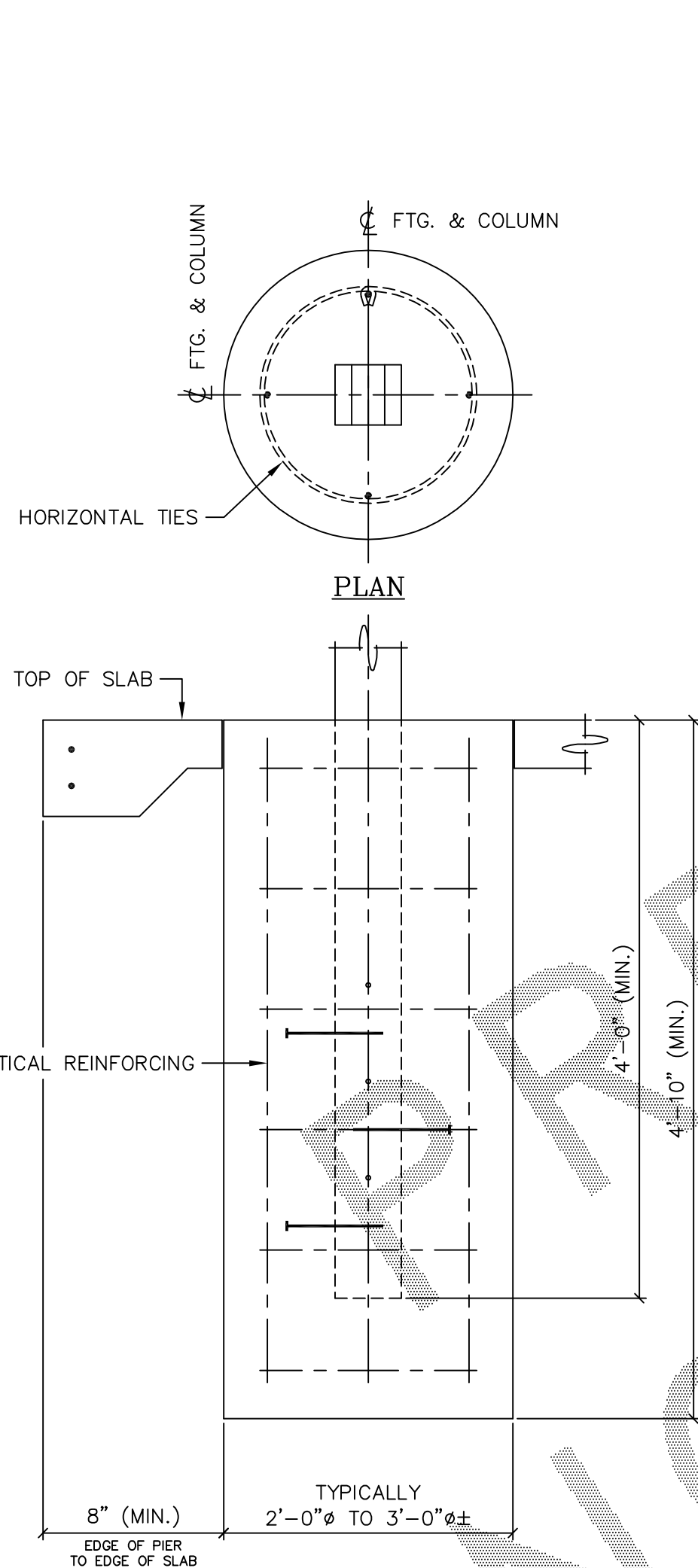
VPC VERSION: 2014.1c



END ELEVATION

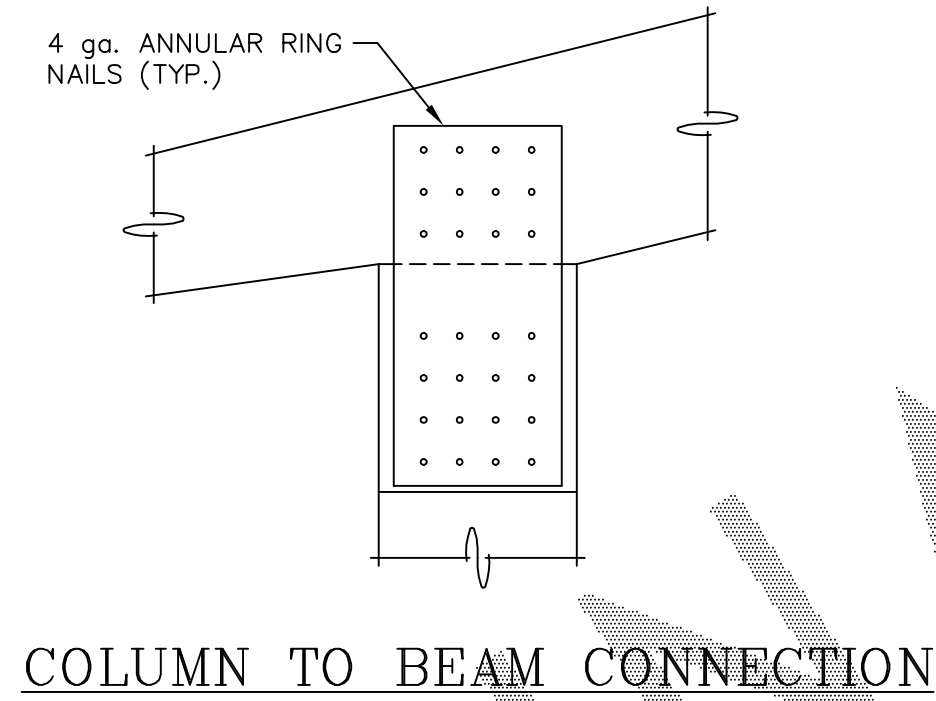


SIDE ELEVATION

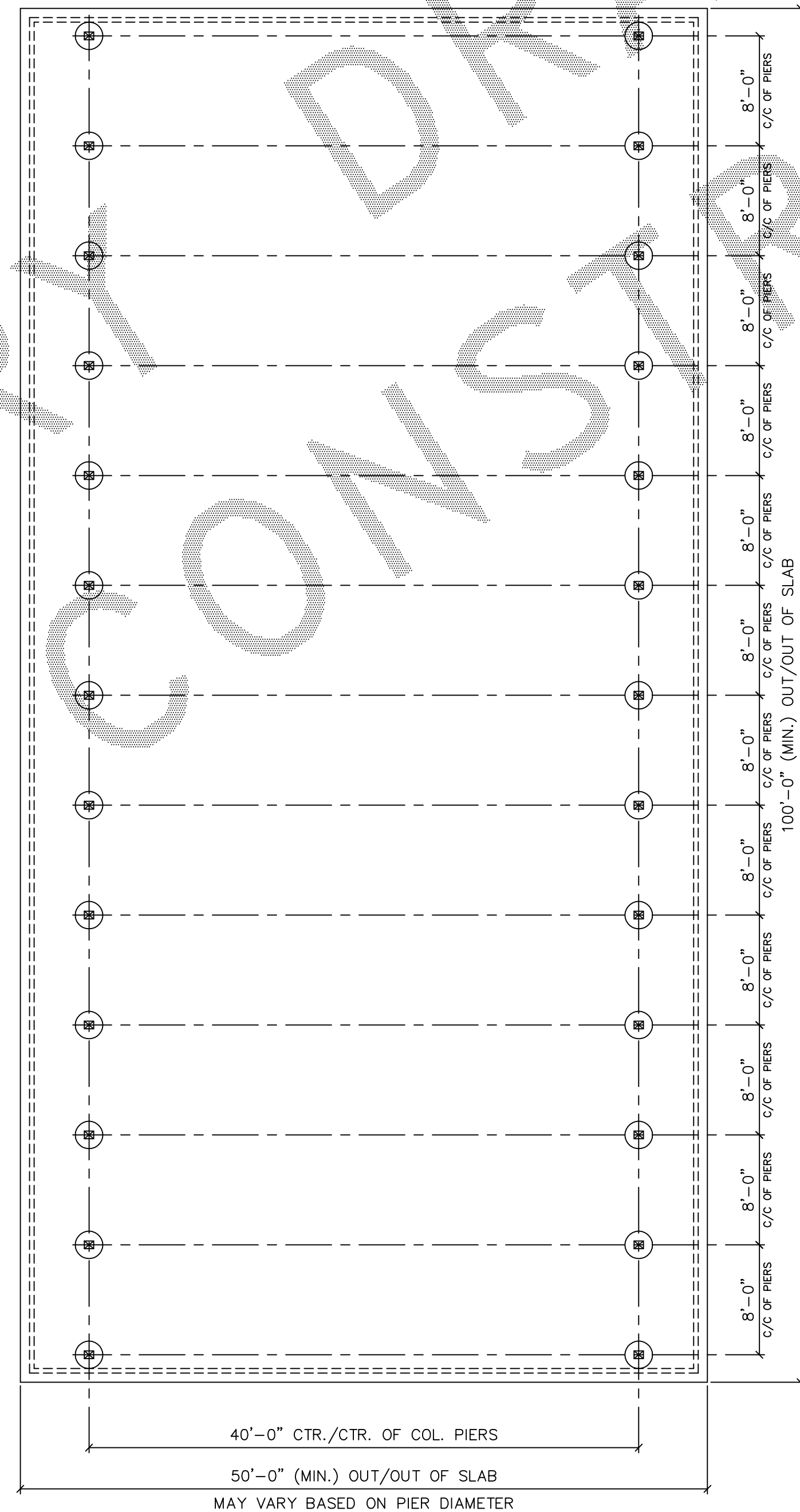


COLUMN PIER DETAIL

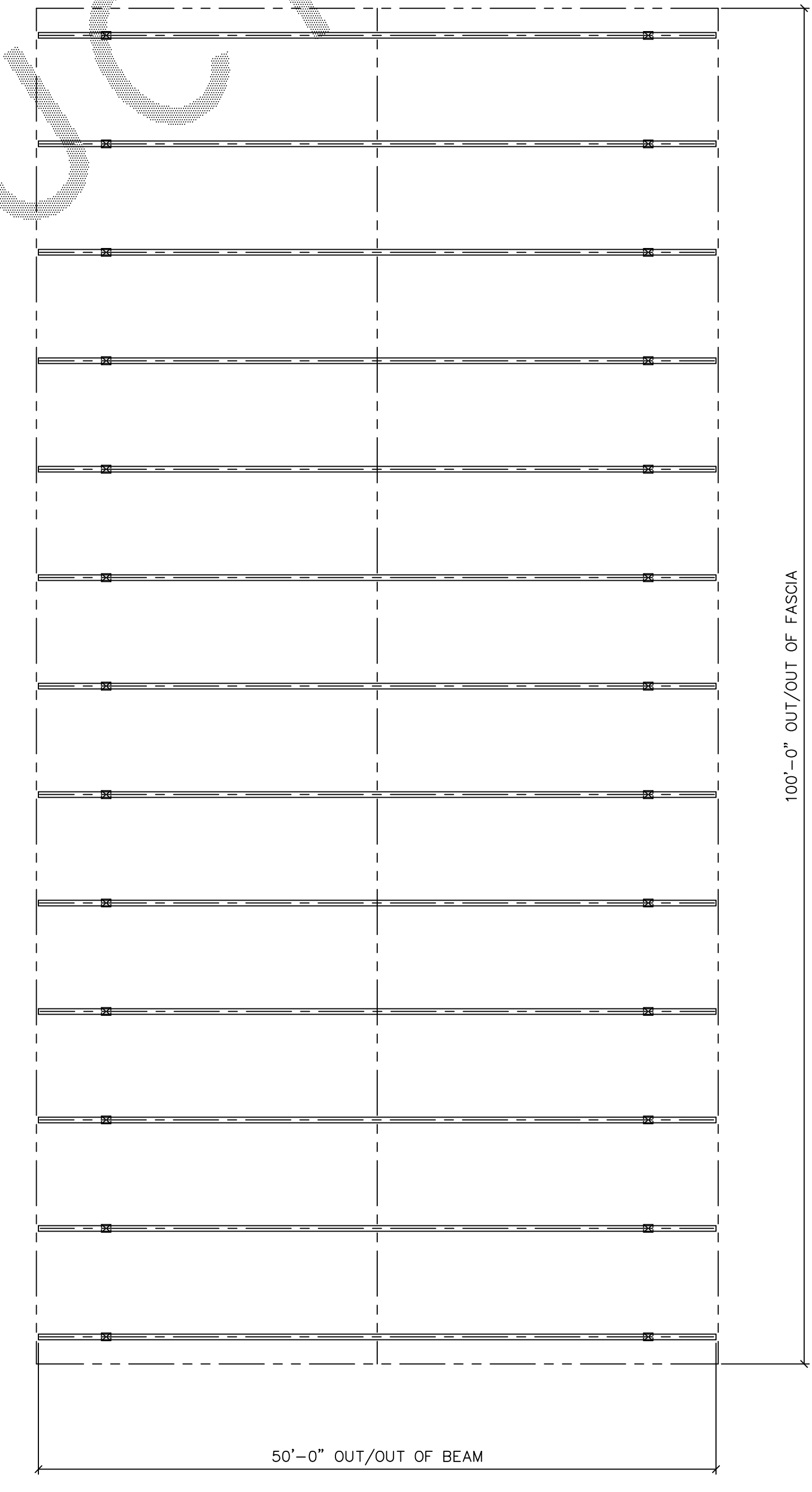
ACTUAL DESIGN WILL VARY DUE TO BUILDING CODE REQUIREMENTS AND MAY BE SUBSTANTIALLY LARGER



COLUMN TO BEAM CONNECTION



FOUNDATION PLAN



ROOF FRAMING PLAN

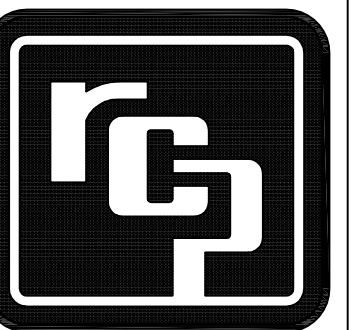
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LW-G50100-03

NUMBER OF PURLINS MAY VARY DEPENDING UPON DESIGN LOADS. SIZES AND SPACING OF PURLINS TO BE DETERMINED DURING FINAL DESIGN.

RCP SHELTERS, INC.

2100 SE RAYS WAY STUART, FL 34994 PO BOX 25 STUART, FL 34995-0025
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PROJ. NO.:	
DRAWN:	NJH 2-27-08
CHK'D:	JLD
REV 1:	
REV 2:	
REV 3:	
REV 4:	
REV 5:	
CAD NO.:	LW-G50100-03
EEC JOB NO.:	6879 R
SHEET NO.:	

1X OF 1X



10224 Durant Rd. Suite 201 Raleigh, NC 27614 919.518.0464 phone 919.518.0866 fax

THE RALEIGH SHELTER

SPECIFICATIONS

Manufacturer: Shelter shall be designed and furnished by EnWood Structures, Raleigh, NC.

Shelter Design: Shelter design system shall be THE RALEIGH

Manufacture: Manufacture of the structural glued laminated wood components shall conform to the manufacturing requirements of the American Institute of Timber Construction Standards and Standard Specifications for Glued Laminated Timber, AITC 117.

Manufacturer's and Fabricator's Certification: Shelter's manufacturer, and fabricator, shall be a member of, and hold full certification from, The American Institute of Timber Construction (AITC).

Manufacturer and Fabricator: The manufacturer and fabricator of the shelter's laminated wood components and the shelter's steel connectors shall be one in the same, to assure quality fit of all connections.

Quality Control: Quality Control shall be provided in accordance with ANSI/AITC A190.1-latest edition, American National Standard for Wood Products- Structural Glued Laminated Timber, and the American Institute of Timber Construction Inspection Manual AITC-200.

Lumber: Laminating lumber shall be #1 grade kiln-dried, with maximum 15% moisture content, Southern Yellow Pine graded to meet the requirements of Standard Specifications for Structural Glued Laminated Timber, AITC 117. Lumber combination shall be determined by the design requirements for each component and designated on the fabricator's shop drawings.

Treated Components: All treated components must be treated prior to gluing. All treated components with ground contact must be treated prior to gluing, at .6 lbs per cubic foot.

Adhesives: Adhesives shall be wet-use (waterproof) complying with ANSI/AITC A190.1-latest edition.

Columns: Standard shelters to have embedded glued laminated wood columns. Glulam columns to be pressure-treated at .6 lbs. prior to gluing, in accordance with AITC 109 Standards.

Curved-Tapered Beams: Glulam beams to be fabricated with #1 Grade, kiln-dried, with 15% moisture content, Southern Yellow Pine.

Roof Deck: Two-inch (nominal) #1 Grade, end matched, single tongue and groove with V-joint bottom face, kiln-dried, to an average of 15% moisture content, Southern Yellow Pine. Galvanized 16d nails shall be provided.

Fascia: 2" x 6" fascia, Southern Yellow Pine, #1 SPIB Grade, pressure-treated in accordance with AITC 109 Standards. Galvanized 16d nails shall be provided.

Roofing: Class A fire rated fiberglass shingles (25-Year Warranty) with one layer of #30 felt. Standard shelter to have Autumn Brown color shingles. Galvanized roofing nails for attaching felt & shingles shall be provided.

Hardware: All steel and hardware for beam and column connections shall be provided. Steel connections to be prime painted with rust inhibitor paint. Hardware to be electrostatic zinc plated.

Design: The structural systems are designed to sustain actual dead load in conjunction with 30 PSF live load or 20 PSF wind load, whichever combination is critical. The rigidity offered by embedment of the laminated columns provides overall lateral stability.

Appearance Grades: AITC Architectural grade. Exposed faces of glulam members to receive one coat of factory-applied clear penetrating sealer.

Protection: Members shall be wrapped for shipping.

Storage and Erection: The general contractor is responsible for protection of the materials after arrival at destination. If stored temporarily, members should be placed on blocks well off the ground and separated with wood strips so that air can circulate around each member. Cover top and bottom with moisture-resistant paper. Use non-marring slings when handling.

Shop Drawing: The fabricator shall furnish a complete set of shop drawings showing the necessary details.

For additional information, assistance with inquiries, specifications on CD,
or photos of completed shelter projects, please contact:

Zenecar, LLC 919.518.0464

or

www.enwood.com

8 August 2014

The Spencer Group
5721 W. Friendly Avenue
Greensboro, NC 27410

Subject: Notice of approval to bid
East Lincoln Rescue Park
Galway Road
Lincoln County, North Carolina

To Whom It May Concern:

Per the Project Manual, this letter serves as official notice that Saniflow Corporation's Machflow M09ACS Hand Dryer is an approved manufacturer in Division 10, Section 10 28 00 Hand Dryers. Project information may be obtained by contacting plan rooms.

Sincerely,



Michael T. Pry, AIA, LEED AP

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