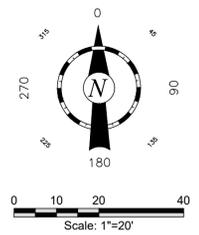


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- GENERAL SITE NOTES**
- STRIPING & SIGNAGE DIMENSIONS ARE FROM FACE OF CURB.
 - ALL FIRE LANES, PARKING STRIPING, HANDICAP PARKING STRIPING & SIGNAGE ARE TO BE IN ACCORDANCE WITH CITY OF UNIVERSITY PARK REQUIREMENTS, TYP.
 - PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE PLANS INCLUDING ALL NOTES, THE CITY OF UNIVERSITY PARK SPECIFICATIONS AND ANY OTHER APPLICABLE STANDARDS OR SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFIED. FAILURE ON THE PART OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL STANDARDS OR SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
 - CONTRACTOR SHALL HAVE IN HIS POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, LICENSES, ETC. CONTRACTOR SHALL HAVE AT LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
 - ALL WORK SHALL CONFORM TO THE CITY OF UNIVERSITY PARK SPECIFICATIONS, STANDARDS, AND DETAILS.
 - IF UNFORESEEN PROBLEMS OR CONFLICTS ARE ENCOUNTERED IN THE CONSTRUCTION, FOR WHICH AN IMMEDIATE SOLUTION IS NOT APPARENT, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY.
 - IT WILL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO PROTECT ALL EXISTING PUBLIC AND PRIVATE UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS, PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL ASSUME FULL LIABILITY TO THOSE COMPANIES FOR ANY DAMAGES CAUSED TO THEIR FACILITIES.
 - CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD LOCATING EXISTING UTILITIES AND IMPROVEMENTS PRIOR TO CONSTRUCTION.
 - TRENCH SAFETY DESIGN WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. CONTRACTOR SHALL SUBMIT DESIGN TO THE CITY OF UNIVERSITY PARK ENGINEERING DEPARTMENT FOR REVIEW.
 - MARK FIRE LANES TO THE CITY OF UNIVERSITY PARK SPECIFICATION: "NO PARKING FIRE LANE" EVERY 25' WHITE 4" LETTERS ON A 6" RED STRIPED BACKGROUND.

GLENN ENGINEERING
 TEXAS REGISTRATION NUMBER: F-303
 PHONE 972-717-5151 FAX 972-717-2176
 4550 FULLER DRIVE, SUITE 220
 IRVING, TEXAS 75038



- GENERAL NOTES**
- PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS, THE PLANS INCLUDING ALL NOTES, THE CITY OF ARLINGTON SPECIFICATIONS AND ANY OTHER APPLICABLE STANDARDS OR SPECIFICATIONS RELEVANT TO THE PROPER COMPLETION OF THE WORK SPECIFIED. FAILURE ON THE PART OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL STANDARDS OR SPECIFICATIONS PERTAINING TO THIS WORK SHALL IN NO WAY RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PERFORMING THE WORK IN ACCORDANCE WITH ALL SUCH APPLICABLE STANDARDS AND SPECIFICATIONS.
 - CONTRACTOR SHALL HAVE IN HIS POSSESSION, PRIOR TO CONSTRUCTION, ALL NECESSARY PERMITS, LICENSES, ETC. CONTRACTOR SHALL HAVE AT LEAST ONE SET OF APPROVED ENGINEERING PLANS AND SPECIFICATIONS ON-SITE AT ALL TIMES.
 - ALL WORK SHALL CONFORM TO THE CITY OF ARLINGTON SPECIFICATIONS, STANDARDS AND DETAILS.
 - IF UNFORESEEN PROBLEMS OR CONFLICTS ARE ENCOUNTERED IN THE CONSTRUCTION, FOR WHICH AN IMMEDIATE SOLUTION IS NOT APPARENT, THE ENGINEER AND OWNER SHALL BE NOTIFIED IMMEDIATELY.
 - IT WILL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO PROTECT ALL EXISTING PUBLIC AND PRIVATE UTILITIES THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LINE LOCATIONS, PRIOR TO COMMENCEMENT OF CONSTRUCTION AND SHALL ASSUME FULL LIABILITY TO THOSE COMPANIES FOR ANY DAMAGES CAUSED TO THEIR FACILITIES.
 - CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD LOCATING EXISTING UTILITIES AND IMPROVEMENTS PRIOR TO CONSTRUCTION.
 - TRENCH SAFETY DESIGN WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR. CONTRACTOR SHALL SUBMIT DESIGN TO THE CITY OF UNIVERSITY PARK ENGINEERING DEPARTMENT FOR REVIEW.
 - STRIPING AND SIGNAGE DIMENSIONS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.
 - ALL FIRE LANES, PARKING STRIPING, HANDICAP PARKING STRIPING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH CITY OF ARLINGTON AND TAS REQUIREMENTS, TYP.
 - THE ENTIRE PARKING SHALL BE STRIPED OR RESTRIPTED, INCLUDING ALL HC SPACES AND SYMBOLS.
 - THE SANITATION CONTAINER SCREENING WALLS, GATE AND PAD SITE SHALL BE IN PROPER WORKING ORDER.
 - THE PROPOSED LIGHTING FOR THE SUBJECT PROPERTY SHALL BE IN CONFORMANCE WITH THE LIGHTING AND CLARE REGULATIONS AS SPECIFIED BY THE CITY OF UNIVERSITY PARK CODE OF ORDINANCES.
 - THE SITE SHALL CONFORM TO THE CITY OF ARLINGTON STORM WATER MANAGEMENT ORDINANCE.
 - ANY PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR TO MEET OR EXCEED EXISTING CONDITIONS.
 - ALL OTHER RADII UNLESS OTHERWISE NOTED ARE 3 FOOT.

DETAILED SITE PLAN
 HIGHLAND PARK ISD
 SOFTBALL BATTING CAGE AND STORAGE
 BUILDING PROJECT
 CITY OF UNIVERSITY PARK, TEXAS



HIGHLAND PARK ISD - ADMIN
 7015 WESTCHESTER DRIVE
 DALLAS, TEXAS 75205
 ATTN: SCOTT DRILLETTTE
 TITLE: EXECUTION SERVICES
 CONSTRUCTION SERVICES
 PROJECT ADDRESS:
 HIGHLAND PARK SOFTBALL FIELD
 330 WESTCHESTER DRIVE
 DALLAS, TEXAS 75205

Revisions:	

Issue Dates:
 Proposal: 12-15-2025
 Permit: 12-15-2025

Scale: As Shown
 Drawn By: R.A.H.
 Checked By: C.M.G.
 Contract No. 000-000

Sheet
C3.01

NOTE: THE CITY OF UNIVERSITY PARK CONSTRUCTION STANDARDS APPLY, WHETHER INDICATED ON THESE PLANS OR NOT.

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WESTCHESTER DRIVE
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)

DRUID LANE
(A 45.0 FOOT WIDTH RIGHT-OF-WAY)

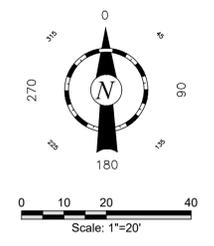
15' UTILITY EASEMENT
Vol. 2000051 Pg. 00001

8" UTILITY EASEMENT
Vol. 2000051 Pg. 00001

WESTCHESTER DRIVE
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)

PROPOSED STORAGE AND BATTING CAGE BUILDING
FF 556.00
2,970 SQUARE FEET
NON SPRINKLED BUILDING
ONE STORY

ZONING PD-25



- GENERAL GRADING AND DRAINAGE NOTES**
- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARDS AND SPECIFICATIONS.
 - PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
 - IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY'S SPECIFICATIONS, THE CITY ENGINEER'S DECISION SHALL APPLY.
 - BARRICADING, TRAFFIC CONTROL, AND PROJECT SIGNS SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADING AND CONSTRUCTION STANDARDS".
 - THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF ANY CONSTRUCTION. IN THE EVENT OF ANY CONFLICT AND PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, IMMEDIATELY NOTIFY ENGINEER. MINOR ADJUSTMENTS OF FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE ARE ACCEPTABLE. IF NECESSARY, UPON PRIOR APPROVAL OF ENGINEER, PAVING INSTALLED SHALL FLUSH OUT AT ANY JUNCTURE WITH EXISTING PAVING.
 - THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION.
 - CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
 - ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.

BENCHMARKS:

"X" CUT IN PAVING IN NE CORNER OF THE EXISTING PARKING IN WESTCHESTER DRIVE.
ELEV. = 555.75

FINISH FLOOR OF EXISTING BUILDING AND FRONT ENTRY AND REAR ENTRY DOORS.
ELEV. = 554.50

- LEGEND**
- FF = 624.50 - PROPOSED FINISH FLOOR**
- 575.80 TW = PROPOSED TOP OF WALK
 - 575.80 TP = PROPOSED TOP OF PAVEMENT
 - 575.80 TC = PROPOSED TOP OF CURB
 - 575.80 G = PROPOSED GUTTER
 - 575.80 TI = PROPOSED TOP OF INLET
 - 575.80 GR = PROPOSED GROUND
 - 575.80XC = EXISTING TOP OF CURB
 - 575.80XG = EXISTING GUTTER
 - 575--- = EXISTING CONTOUR
 - 575--- = PROPOSED CONTOUR
 - = DIRECTION OF FLOW
 - = PROPOSED CURB INLET
 - ⊙ = PROPOSED FIRE HYDRANT
 - ⊙ = EXISTING LIGHT POLE

GLENN ENGINEERING

TEXAS REGISTRATION NUMBER: F-3003

PHONE: 972.717.2105 FAX: 972.717.2108

4530 FULLER DRIVE, SUITE 220 IRVING, TEXAS 75038



GRADING PLAN

HIGHLAND PARK ISD
SOFTBALL BATTING CAGE AND STORAGE
BUILDING PROJECT
CITY OF UNIVERSITY PARK, TEXAS



HIGHLAND PARK ISD - ADMIN
OFFICE
7015 WESTCHESTER DRIVE
DALLAS, TEXAS 75205
TITLE: EXECUTIVE DIRECTOR OF
CONSTRUCTION SERVICES

PROJECT ADDRESS:
HIGHLAND PARK SOFTBALL FIELD
330 WESTCHESTER DRIVE
DALLAS, TEXAS 75205

Revisions:

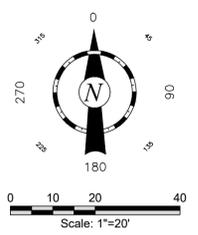
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Drawn By: R.A.H.
Checked By: C.M.G.
Contract No. 000-000

Sheet
C04.00



- GENERAL STORM SEWER NOTES**
1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH THESE PLANS AND CITY STANDARDS AND SPECIFICATIONS.
 2. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL MAKE CERTAIN THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES.
 3. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY.
 4. IN THE EVENT AN ITEM IS NOT COVERED IN THE CITY'S SPECIFICATIONS, THE CITY ENGINEER'S DECISION SHALL APPLY.
 5. BARRICADING, TRAFFIC CONTROL, AND PROJECT SIGNS SHALL CONFORM TO "STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION BARRICADING AND CONSTRUCTION STANDARDS".
 6. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL VERIFY THE SUITABILITY OF ALL EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE COMMENCEMENT OF ANY CONSTRUCTION. IN THE EVENT OF ANY CONFLICT AND PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, IMMEDIATELY NOTIFY ENGINEER. MINOR ADJUSTMENTS OF FINISH GRADE TO ACCOMPLISH SPOT DRAINAGE ARE ACCEPTABLE, IF NECESSARY, UPON PRIOR APPROVAL OF ENGINEER. PAVING INSTALLED SHALL FLUSH OUT AT ANY JUNCTURE WITH EXISTING PAVING.
 7. THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD SURVEYS AND LOCAL UTILITY COMPANY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR UTILITIES PRIOR TO STARTING CONSTRUCTION.
 8. CONTRACTOR SHALL VERIFY ALL EXISTING INVERTS, RIM ELEVATIONS AND SIZES PRIOR TO CONSTRUCTION.
 9. ALL PVC PIPE SHALL BE ADS N-12, SCH 40 PVC OR APPROVED EQUAL.
 10. ALL DOWNSPOUTS SHALL BE JETTED CLEAN FREE OF DIRT AND DEBRIS.

GLENN ENGINEERING
 TEXAS REGISTRATION NUMBER: F-303
 PHONE 972-717-5151
 4550 FULLER DRIVE, SUITE 220
 IRVING, TEXAS 75038



STORM SEWER PLAN
 HIGHLAND PARK ISD
 SOFTBALL BATTING CAGE AND STORAGE BUILDING PROJECT
 CITY OF UNIVERSITY PARK, TEXAS



HIGHLAND PARK ISD - ADMIN
 OFFICE
 7015 WESTCHESTER DRIVE
 DALLAS, TEXAS 75205
 ATTN: SCOTT DRILLETTTE
 TITLE: EXECUTIVE DIRECTOR OF CONSTRUCTION SERVICES
 PROJECT ADDRESS:
 HIGHLAND PARK SOFTBALL FIELD
 330 WESTCHESTER DRIVE
 DALLAS, TEXAS 75205

Revisions:

#	DESCRIPTION

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 Contract No. 000-000

Sheet
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NOTE: THE CITY OF UNIVERSITY PARK CONSTRUCTION STANDARDS APPLY, WHETHER INDICATED ON THESE PLANS OR NOT.

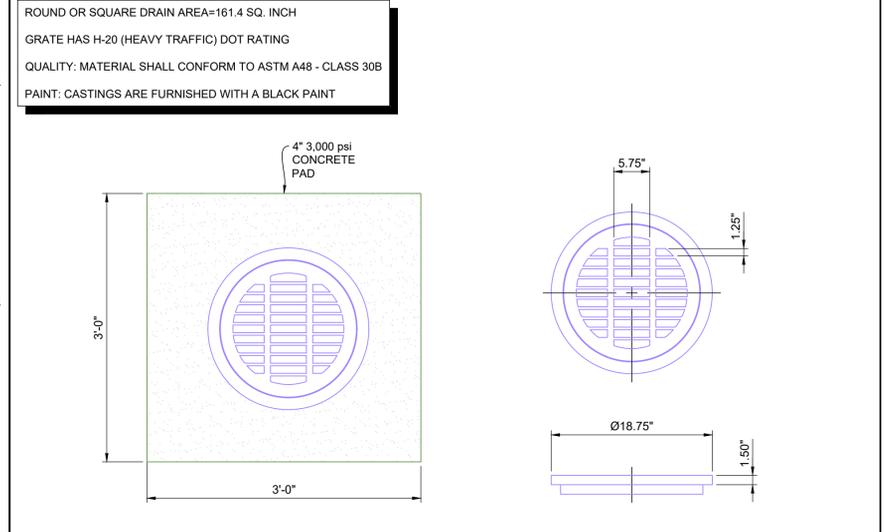
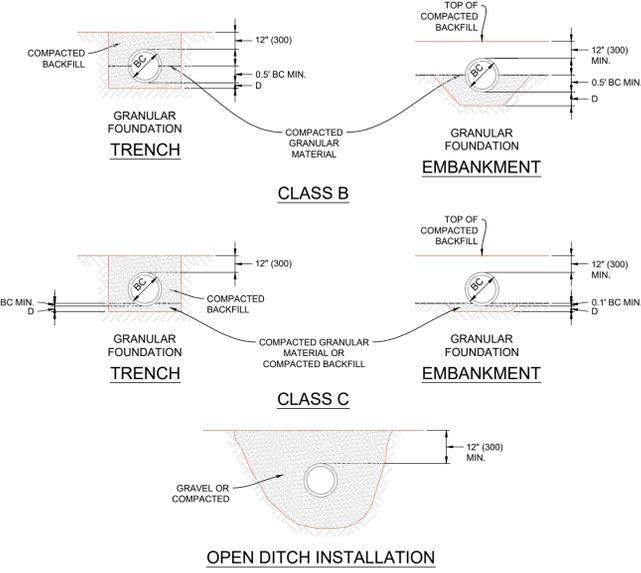
Public: Dec 16, 2025, 11:24 PM by user: rober... Saved: 12/16/2025 by user: rober... Highland Park High School Softball Site Plan.dwg

RECOMMENDATIONS FOR INSTALLATION AND USE OF SOILS AND AGGREGATES FOR FOUNDATION, EMBEDMENT AND BACKFILL

	CLASS IA	CLASS IB	CLASS II	CLASS III
GENERAL RECOMMENDATIONS AND RESTRICTIONS	DO NOT USE WHERE CONDITIONS MAY CAUSE MIGRATION OF FINES FROM ADJACENT SOIL AND LOSS OF PIPE SUPPORT. SUITABLE FOR USE AS A DRAINAGE BLANKET AND UNDER DRAIN IN ROCK CUTS WHERE ADJACENT MATERIAL IS SUITABLY GRADED.	PROCESS MATERIAL AS REQUIRED TO OBTAIN GRADATION WHICH WILL MINIMIZE MIGRATION OF ADJACENT MATERIALS SUITABLE FOR USE AS DRAINAGE BLANKET AND UNDER DRAIN.	WHERE HYDRAULIC GRADIENT EXISTS CHECK GRADATION TO MINIMIZE MIGRATION. "CLEAN" GROUPS SUITABLE FOR USE AS DRAINAGE BLANKET AND UNDER DRAIN.	DO NOT USE WHERE WATER CONDITIONS IN TRENCH MAY CAUSE INSTABILITY.
FOUNDATION	SUITABLE AS FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM AS RESTRICTED ABOVE. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS.	SUITABLE AS FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM AS RESTRICTED ABOVE. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS.	SUITABLE AS FOUNDATION AND FOR REPLACING OVER-EXCAVATED AND UNSTABLE TRENCH BOTTOM AS RESTRICTED ABOVE. DO NOT USE IN THICKNESS GREATER THAN 12 IN. TOTAL. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS.	SUITABLE AS FOUNDATION AND FOR REPLACING OVER-EXCAVATED TRENCH BOTTOM AS RESTRICTED ABOVE. DO NOT USE IN THICKNESS GREATER THAN 12 IN. TOTAL. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS.
BEDDING	SUITABLE AS RESTRICTED ABOVE. INSTALL IN 6-IN. MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 IN. (6 IN. IN ROCK CUTS).	INSTALL AND COMPACT IN 6-MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 IN. (6 IN. IN ROCK CUTS).	SUITABLE AS RESTRICTED ABOVE. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 IN. (6 IN. IN ROCK CUTS).	SUITABLE ONLY IN DRY TRENCH CONDITIONS. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 IN. (6 IN. IN ROCK CUTS).
HAUNCHING	SUITABLE AS RESTRICTED ABOVE. INSTALL IN 6-IN. MAXIMUM LAYERS. WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.	INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS WORK IN AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.	SUITABLE AS RESTRICTED ABOVE. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS. LEVEL FINAL GRADE BY HAND. MINIMUM DEPTH 4 IN. (6 IN. IN ROCK CUTS).	SUITABLE AS RESTRICTED ABOVE. INSTALL AND COMPACT IN 6-IN. MAXIMUM LAYERS. WORK AROUND PIPE BY HAND TO PROVIDE UNIFORM SUPPORT.
INITIAL BACKFILL	SUITABLE AS RESTRICTED ABOVE. INSTALL TO A MINIMUM OF 6 IN. ABOVE PIPE CROWN.	INSTALL AND COMPACT TO A MINIMUM OF 6 IN. ABOVE PIPE CROWN.	SUITABLE AS RESTRICTED ABOVE. INSTALL AND COMPACT TO A MINIMUM OF 6 IN. ABOVE PIPE CROWN.	SUITABLE AS RESTRICTED ABOVE. INSTALL AND COMPACT TO A MINIMUM OF 6 IN. ABOVE PIPE CROWN.
EMBEDMENT COMPACTION	PLACE AND WORK BY HAND TO INSURE ALL EXCAVATED VOIDS AND HAUNCH AREAS ARE FILLED. FOR HIGH DENSITIES USE VIBRATORY COMPACTORS.	MINIMUM DENSITY 85% STD. PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.	MINIMUM DENSITY 85% STD. PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS.	MINIMUM DENSITY 90% STD. PROCTOR. USE HAND TAMPERS OR VIBRATORY COMPACTORS. MAINTAIN MOISTURE CONTENT NEAR OPTIMUM TO MINIMIZE COMPACTION EFFORT.
FINAL BACKFILL	COMPACT AS REQUIRED BY THE ENGINEER.	COMPACT AS REQUIRED BY THE ENGINEER.	COMPACT AS REQUIRED BY THE ENGINEER.	COMPACT AS REQUIRED BY THE ENGINEER.

^a WHEN USING MECHANICAL COMPACTORS AVOID CONTACT WITH PIPE. WHEN COMPACTING OVER PIPE CROWN MAINTAIN A MINIMUM OF 6 IN. COVER. WHEN USING SMALL MECHANICAL COMPACTORS, WHEN USING LARGER COMPACTORS MAINTAIN MINIMUM CLEARANCES AS REQUIRED BY THE ENGINEER.
^c THE MINIMUM DENSITIES GIVEN IN THE TABLE ARE INTENDED AS THE COMPACTION REQUIREMENTS FOR OBTAINING SATISFACTORY EMBEDMENT STIFFNESS IN MOST INSTALLATION CONDITIONS.

GENERAL NOTES:
 1. MATERIALS, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR HEREIN, CORRUGATED POLYETHYLENE PIPE SHALL CONFORM TO AASHTO M-294, LATEST EDITION, STANDARD SPECIFICATION FOR CORRUGATED POLYETHYLENE PIPE.
 2. RESINS CORRUGATED POLYETHYLENE PIPE SHALL BE MANUFACTURED FROM HIGH DENSITY POLYETHYLENE VIRGIN COMPOUNDS, AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM D-3550 FOR THE CELL CLASSIFICATION 324420C.
 3. COUPLING BANDS, EXCEPT AS OTHERWISE REQUIRED HEREIN, COUPLING BANDS AND OTHER HARDWARE FOR CORRUGATED POLYETHYLENE PIPE SHALL DEMONSTRATE THAT THEY MEET THE SOIL TIGHTNESS REQUIREMENTS OF AASHTO SECTION 26.4.2.4 "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES".
 COUPLING BANDS SHALL LAP EQUALLY ON EACH OF THE PIPES BEING CONNECTED TO FORM A TIGHTLY CLOSED JOINT AFTER INSTALLATION.
 THE CORRUGATIONS IN THE BAND SHALL INDEX THE CORRUGATIONS IN THE PIPE ENDS TO ENGAGE THE FIRST OR SECOND CORRUGATION FROM THE END OF EACH PIPE.
 WHEN INFILTRATION OF EXFILTRATION IS A CONCERN, THE COUPLING MAY BE REQUIRED TO HAVE GASKETS. THE GASKET MATERIAL SHALL BE CLOSED-CELL EXPANDED RUBBER OR NEOPRENE.
 4. DESIGNATION OF TYPE: THE TYPES OF PIPE WILL BE INDICATED BY THE FOLLOWING DESCRIPTIONS:
 TYPE C: THIS PIPE WILL HAVE A FULL CIRCULAR CROSS-SECTION, WITH A CORRUGATED SURFACE BOTH INSIDE AND OUTSIDE.
 TYPE S: THIS PIPE WILL HAVE A FULL CIRCULAR CROSS-SECTION, WITH AN OUTER CORRUGATED PIPE WALL AND A SMOOTH INNER LINER.
 TYPE D: THIS PIPE SHALL CONSIST OF AN ESSENTIALLY SMOOTH WATERWAY BRACED CIRCUMFERENTIALLY WITH CIRCULAR RIBS WHICH ARE FORMED SIMULTANEOUSLY WITH A SMOOTH OUTER WALL.
 5. INSTALLATION: CORRUGATED POLYETHYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D-2321, LATEST EDITION, "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY FLOW APPLICATIONS".



A3 18" CAST IRON GRATE

- AT ALL LOCATIONS OF CANOPY SUPPORTS WITH DRAINS A 6" PVC PIPE IS TO BE INSTALLED TO THE 12" PVC ROOF DRAIN LINE PER THIS DETAIL.
- RE: ARCH. PLAN FOR THE CONNECTION DETAIL.

TRENCH WIDTH BASED ON OUTSIDE DIAMETER

PIPE (INSIDE) DIAMETER IN. (MM)	TRENCH WIDTH FT. (M)
15 (375)	3.0 (1)
18 (450)	3.2 (1)
24 (600)	3.9 (1.2)
30 (750)	4.8 (1.5)
36 (900)	5.4 (1.7)
42 (1050)	6.9 (2.1)
48 (1200)	7.4 (2.3)

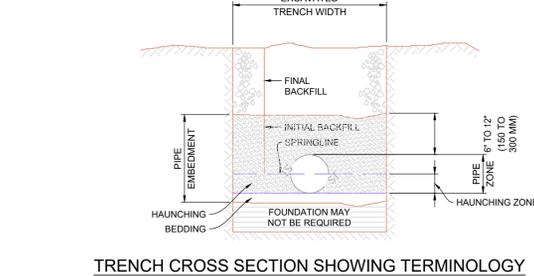
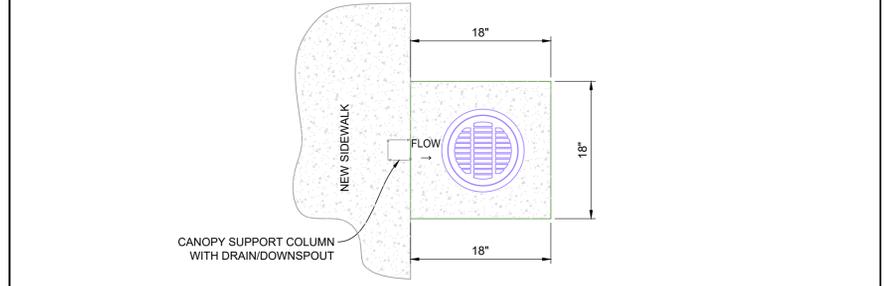
MULTIPLE INSTALLATION OF POLYETHYLENE PIPES

DIAMETER OF PIPE IN. (MM)	CLEAR DISTANCES BETWEEN PIPES FT. (M)
18 (450)	1'2" (0.36)
24 (600)	1'5" (0.44)
30 (750)	1'8" (0.52)
36 (900)	1'11" (0.60)
42 (1050)	2'2" (0.68)
48 (1200)	2'5" (0.76)

CLASSES OF EMBEDMENT AND BACKFILL MATERIALS

CLASS	TYPE	SOIL GROUP SYMBOL D 2467	DESCRIPTION	PERCENTAGE PASSING SIEVE SIZES		
				NO. 10 (2.0 MM)	NO. 40 (4.75 MM)	NO. 200 (0.075 MM)
IA	MANUFACTURED AGGREGATES OPEN GRADED, CLEAN	NONE	ANGULAR, CRUSHED STONE OR ROCK, CRUSHED GRAVEL, BROKEN CONG. CRUSHED SLAG, CRACKLE OR SHELLS, LARGE VOID CONTENT, CONTAIN LITTLE OR NO FINES.	100%	≤ 10%	< 5%
				100%	≤ 5%	< 5%
I	COARSE-GRADED SOILS, CLEAN	GW	WELL-SORTED GRAVELS AND GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.	100%	≤ 5%	< 5%
				100%	≤ 5%	< 5%
	GP	POORLY-SORTED GRAVELS AND GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.	100%	≤ 5%	< 5%	
			100%	≤ 5%	< 5%	
II	COARSE-GRADED SOILS, BORDERLINE CLEAN TO WITH FINES	E.G. GW-SG, SP-SM	SANDS AND GRAVELS WHICH ARE BORDERLINE BETWEEN CLEAN AND WITH FINES.	100%	VARIES	5% TO 12%
				100%	≤ 5%	12% TO 50%
III	COARSE-GRADED SOILS, WITH FINES	GW	SILTY GRAVELS, GRAVEL-SAND SILT MIXTURES.	100%	≤ 5%	< 5%
				100%	≤ 5%	< 5%
	GC	CLAYEY GRAVELS, GRAVEL-SAND-MIXTURES	100%	≤ 5%	< 5%	
			100%	≤ 5%	< 5%	
SM	SILTY SANDS, SAND-SILT MIXTURES	100%	≤ 5%	< 5%		
		100%	≤ 5%	< 5%		
SC	CLAYEY SANDS, SAND-CLAY MIXTURES	100%	≤ 5%	< 5%		
		100%	≤ 5%	< 5%		

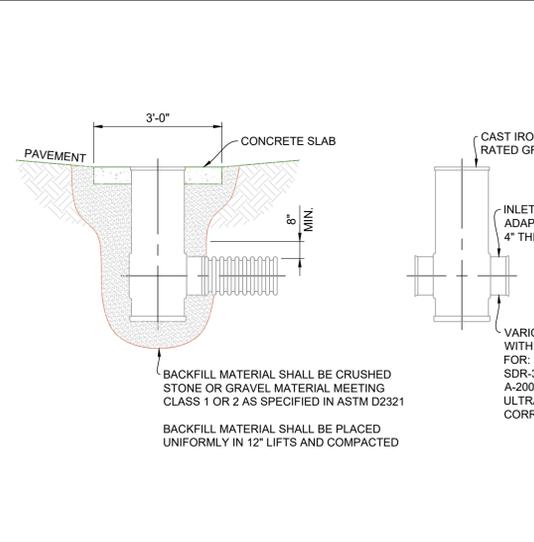
ADS OR HANCOCK PIPE INSTALLATION DETAILS FOR STORM DRAIN LINES



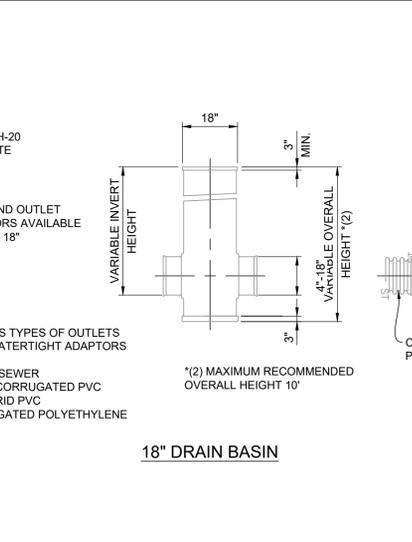
HIGH DENSITY CORRUGATED POLYETHYLENE PIPE HEIGHT OF COVER H-20 AND E-80 LIVE LOADS

NOMINAL DIAMETER IN. (MM)	MINIMUM COVER IN. (MM)		MAXIMUM COVER FT. (M)
	H-20	E-80	
12 (300)	12 (300)	24 (600)	58 (18)
15 (375)	12 (300)	24 (600)	59 (18)
18 (450)	12 (300)	24 (600)	62 (19)
24 (600)	12 (300)	24 (600)	61 (19)
30 (750)	12 (300)	24 (600)	61 (19)
36 (900)	12 (300)	24 (600)	61 (19)
42 (1050)	12 (300)	24 (600)	61 (19)
48 (1200)	12 (300)	24 (600)	61 (19)

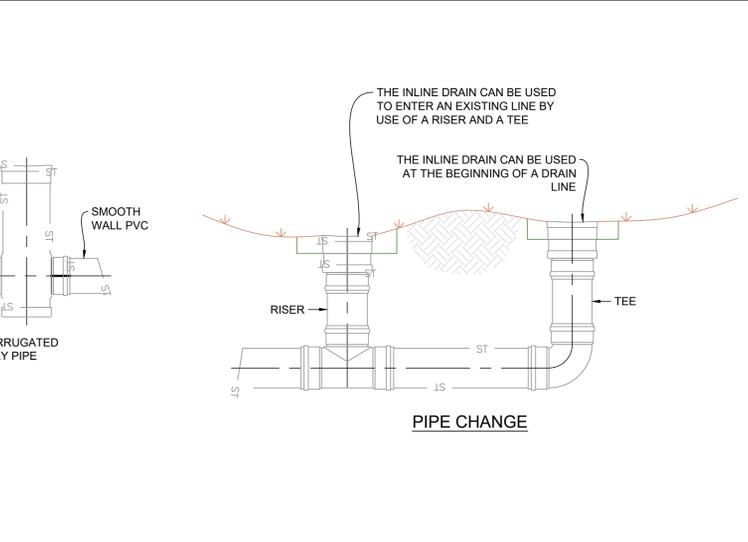
B1 AREA DRAIN DETAILS



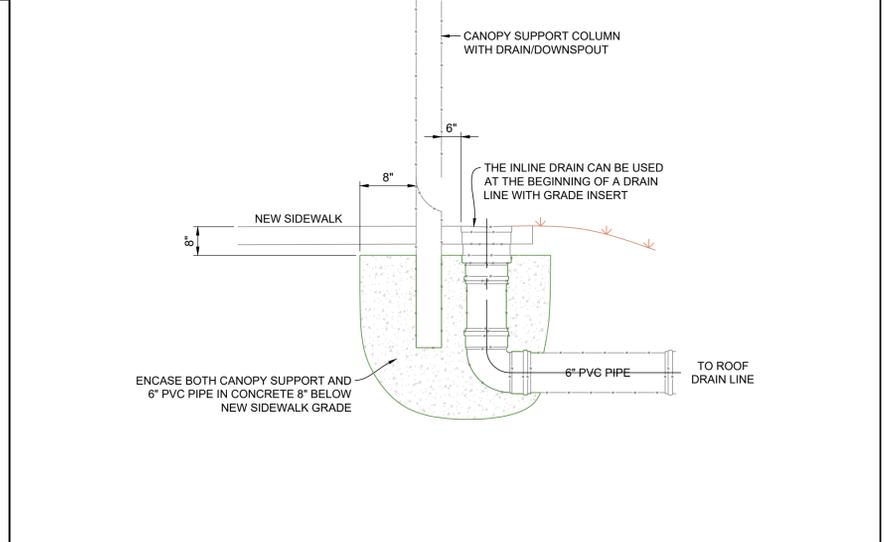
18" DRAIN BASIN



PIPE CHANGE



CANOPY DOWNSPOUT CONNECTION DETAIL



C1 INSTALLATION DETAILS FOR ROOF DRAIN LINES



C3 CANOPY DOWNSPOUT CONNECTION DETAIL



GLENN ENGINEERING
 TEXAS REGISTRATION NUMBER: F-303
 PHONE 972-717-5151
 4550 FULLER DRIVE, SUITE 220
 IRVING, TEXAS 75038

Professional Engineer
 M. K. GLENN
 No. 35508
 State of Texas
 Mechanical Engineering
 License No. 15,205

ROOF DRAIN DETAILS
 HIGHLAND PARK ISD
 SOFTBALL BATTING CAGE AND STORAGE BUILDING PROJECT
 CITY OF UNIVERSITY PARK, TEXAS

HP

HIGHLAND PARK ISD - ADMIN OFFICE
 7015 WESTCHESTER DRIVE
 DALLAS, TEXAS 75205
 ATTN: SCOTT DRILLETT
 TITLE: EXECUTIVE DIRECTOR OF CONSTRUCTION SERVICES
 PROJECT ADDRESS:
 HIGHLAND PARK SOFTBALL FIELD
 330 WENDCHESTER DRIVE
 DALLAS, TEXAS 75205

Revisions:

1	
---	--

Issue Dates:

Proposal:	12-15-2025
Permit:	12-15-2025

Scale: As Shown
 Drawn By: R.A.H.
 Checked By: C.M.G.
 Contract No: 000-000

Sheet
C05.01

Ridge Covering

- Peak Sheets
- Ridge Roll

Eave Condition

Front Sidewall

- Gutter & Downspouts
- Eave Trim

Back Sidewall

- Gutter & Downspouts
- Eave Trim

Accessories

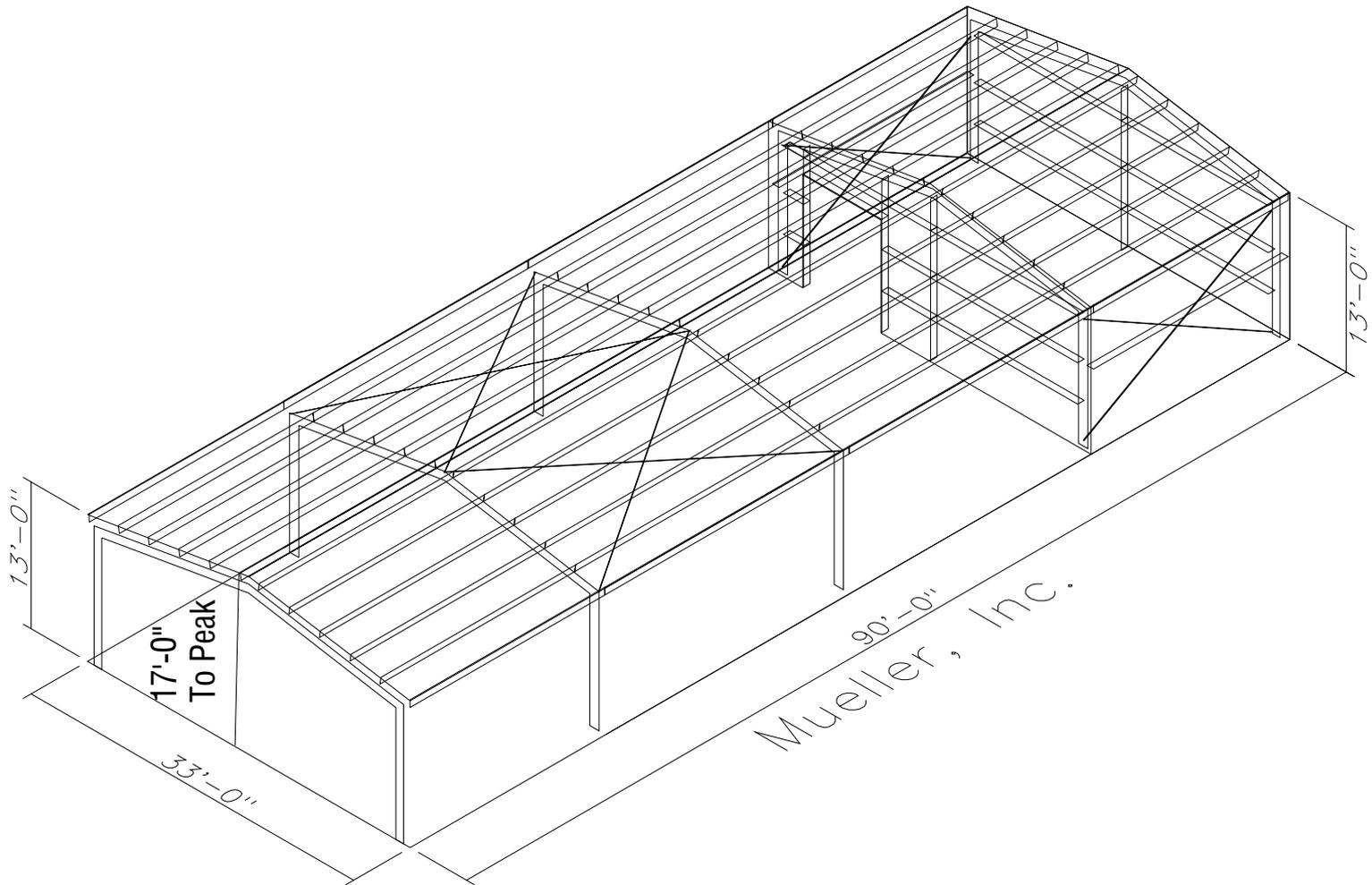
**** All accessories need to be applied to the base price as shown on the pricing page. ****

	<u>Item Description</u>	<u>Quantity</u>
Alt 1:	Mue Rud: Mue 8' X 10' C200 Bwh Stock	1
Alt 2:	Standard Lockset	1
Alt 3:	Wd: 3x7 Door Wht W/lks Cutout	1
Alt 4:	Wd: 8 1/4" X 3'x 7' Wht Kerf Frame	1

Weight of Building: **15,022 lbs.**
 (Subject to change after the building is Engineered and Detailed)

Special Requirements:

Notes: Anchor Bolts are not included with this Quotation.



GENERAL NOTES

THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM, REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED.

THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND REQUIREMENTS OF THE FOLLOWING ORGANIZATIONS AND CODES AS APPLICABLE:
 1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION, SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS
 2. AMERICAN IRON AND STEEL INSTITUTE, SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS
 3. AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE AWS D11
 4. METAL BUILDING MANUFACTURER'S ASSOCIATION, LOW RISE BUILDING SYSTEMS MANUAL
 5. INTERNATIONAL CODE COUNCIL: INTERNATIONAL BUILDING CODE
 ALL WELDING ELECTRODES SHALL BE A531 CLASS E-70 SERIES. MINIMUM WELDS ON PRIMARY STRUCTURAL MEMBERS SHALL BE 3/16 FILLET WELDS UNLESS SHOWN OTHERWISE ON SHOP FABRICATION DRAWINGS.
 ALL STRUCTURAL STEEL SHALL BE SHOP FABRICATED UNLESS NOTED.

MATERIAL PROPERTIES OF STEEL PLATE AND SHEET USED IN THE FABRICATION OF PRIMARY RIGID FRAMES AND ALL PRIMARY STRUCTURAL FRAMING MEMBERS (OTHER THAN COLD-FORMED SECTIONS) CONFORM TO THE CHEMISTRY REQUIREMENTS OF ASTM-A36 WITH MINIMUM YIELD POINT OF 50,000 P.S.I. OR 36,000 P.S.I. AS REQUIRED BY DESIGN. MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-570, GRADE 55, WITH A MINIMUM YIELD POINT OF 57,000 P.S.I.

ALL PIPE SHALL BE MINIMUM SCHEDULE 40 AND 36,000 P.S.I. UNLESS OTHERWISE NOTED.
 CABLE BRACING TO BE "BRACE GRIP" SYSTEM AS MANUFACTURED BY FLORIDA WIRE AND CABLE COMPANY. EHS CABLE OR EQUAL BRACING IN FLUSH GIRT SIDEWALL / ENDWALL BAYS MAY REQUIRE THE FIELD CUTTING OF SLOTS SO THAT CABLE IS INSTALLED WITHIN GIRTS.

STRUCTURAL JOINTS WITH A.S.T.M. A-325 HIGH STRENGTH BOLTS, WHERE INDICATED ON THE DRAWINGS, SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH "SNUG-TIGHT" METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING A.S.T.M. A-325 OR A-490 BOLTS (JUNE 30, 2004 EDITION), UNLESS OTHERWISE NOTED. ALL JOINTS WILL BE ASSEMBLED WITHOUT WASHERS UNLESS OTHERWISE NOTED.
 ALL STEEL MEMBERS EXCEPT BOLTS AND FASTENERS SHALL RECEIVE ONE SHOP COAT OF IRON OXIDE CORROSION INHIBITIVE PRIMER.

SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 UNLESS OTHERWISE NOTED, ALL SCREWED-DOWN ROOF AND WALL PANELS ARE TO BE INSTALLED USING A MINIMUM OF ONE SCREW PER FOOT AT EACH PURLIN / GIRT AND ONE STITCH SCREW EVERY 24 INCH ALONG THE PANEL LAPS AND ENDS AS DESCRIBED IN THE INSTALLATION MANUAL. SINCE BEARING FRAME ENDS WALLS DEPEND ON DIAPHRAGM STRENGTH TO PROVIDE LATERAL SUPPORT, THE NUMBER AND SIZE OF FIELD INSTALLED OPENINGS IN THESE WALLS MAY BE LIMITED. SEE THE APPLICABLE WALL DRAWING OR CONTACT YOUR SALES REPRESENTATIVE FOR MORE INFORMATION.

BUILDING DESCRIPTION

BLDG	WIDTH	LENGTH	HEIGHT	ROOF PITCH	BACK	FRONT
1	33	x 90	x 13	13	2.0:12	2.0:12
2	x	x	x			

WARRANTY NOTE

ENGINEERING CALCULATIONS AND DESIGN ARE BASED ON PRE-FABRICATED METAL BUILDINGS AS SHOWN IN THESE DRAWINGS AND SUPPLIED BY MUELLER, INC. AND ANY FIELD FABRICATION AND/OR MODIFICATION OF SAID BUILDINGS IS THE SOLE RESPONSIBILITY OF THE CUSTOMER AND MAY VOID ALL ENGINEERING AND WARRANTY.

PRODUCT CERTIFICATIONS

THIS IS TO CERTIFY THE ABOVE REFERENCED BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH A.I.S.C. AND A.I.S.I. DESIGN PROCEDURES AND GOOD ENGINEERING PRACTICE AND FOR THE FOLLOWING LOADS. ALL WELDING IS PER THE A.I.S.C. D11 & D13 CODES. LOADS ARE APPLIED IN ACCORDANCE WITH THE M.B.I.A. LOW RISE BUILDING SYSTEMS MANUAL, AND THE DESIGN SATISFIES THE REQUIREMENTS OF IBC 21

DEAD LOAD: METAL BLDG. STRUCTURE ONLY AS FURNISHED BY MUELLER, INC.
 LIVE LOAD (ROOF): 20.00PSF GROUND SNOW LOAD: 5,0000 PSF
 LIVE LOAD REDUCED PER CODE? Yes P1 = 3.5000 Ce = 1.0000 Is = 1.0000
 WIND EXPOSURE: C WIND LOAD: V_{nat} = 107 MPH
 RISK CATEGORY: II - Normal V₅₀ = 82.88 MPH

SEISMIC LOADS

I_s = 1.00 SEISMIC DESIGN CATEGORY: B
 S_s = 0.0992 S_{1s} = 0.1056 SITE CLASS: d
 S₁ = 0.0544 S₀₁ = 0.0864 ANALYSIS PROCEDURE: Equivalent Lateral Force Method

BUILDING-SPECIFIC LOADING INFORMATION

BLDG	COLLATERAL			SNOW		WIND		SEISMIC	
	Load (psf)	Ct	Cs	P ₃ (psf)	Enclosure	GC _{II}	R	Cs	V (kips)
1	1.00	1.00	1.0000	5.00	Partially Enclos	55	3	0.035	0.69
2									

THIS LETTER OF CERTIFICATION APPLIES SOLELY TO THIS BUILDING AND ITS COMPONENT PARTS AS FURNISHED AND/OR FABRICATED BY MUELLER, INC. AND SPECIFICALLY EXCLUDES FOUNDATION, MASONRY OR GENERAL CONTRACT WORK INCLUDING ERECTION CERTIFICATION. THE DESIGN AND CERTIFICATION FOR THIS PROJECT IS IN ACCORDANCE WITH THE PROVISIONS AND LOADS SPECIFIED ON THE CONTRACT DOCUMENTS. THE CUSTOMER IS TO INSURE ALL LOADS ARE IN COMPLIANCE WITH LOCAL REGULATORY AUTHORITIES. ALL COMPONENTS AND PARTS MUST WITHSTAND THE WIND LOAD AND DESIGN SPECIFICATIONS MENTIONED ABOVE.

PANEL ACCESSORY INFORMATION

	PANEL TYPE	PANEL COLOR	TRIM COLOR
WALL SHEETS	PR 26	LST Lt Stone	BRN Cocoa Brown
ROOF SHEETS	PR 26	GP Galvalume Plus	BRN Cocoa Brown

WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONTACT WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING INTO GALVALUME SHOULD BE AVOIDED.

Legend

PART MARK = Part001

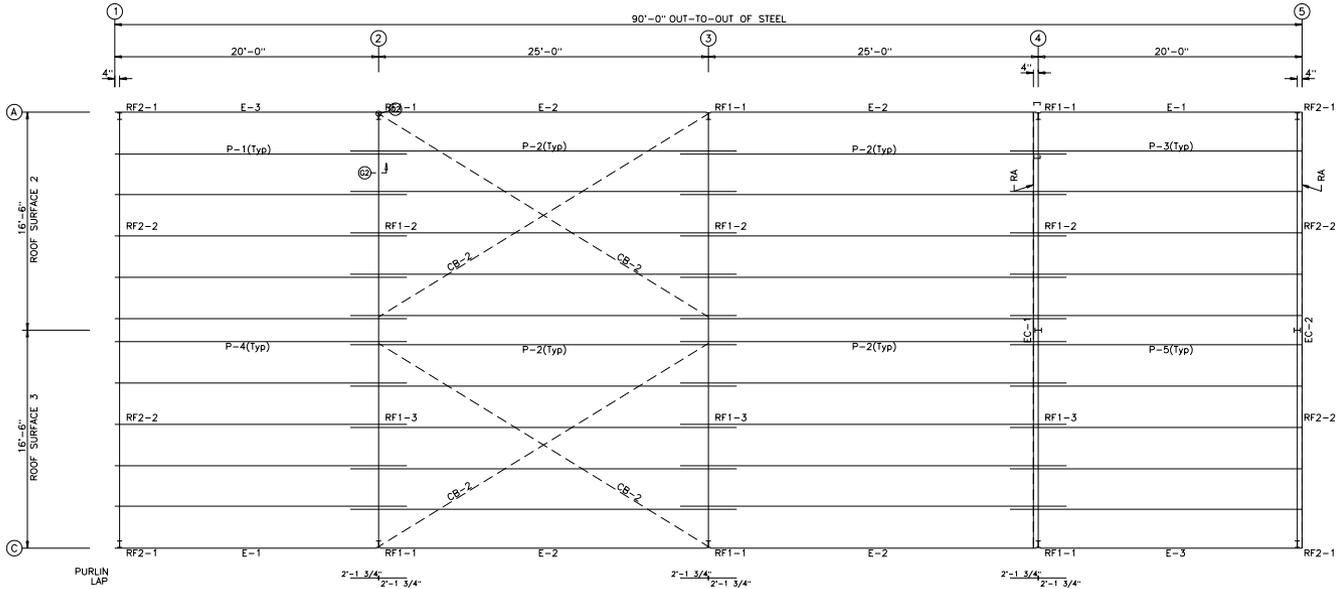
DRAWING INDEX

REV.	PAGE	DESCRIPTION
@R1	@TOC_PAGE1	@TOC_DESCRIPTION1
@R2	@TOC_PAGE2	@TOC_DESCRIPTION2
@R3	@TOC_PAGE3	@TOC_DESCRIPTION3
@R4	@TOC_PAGE4	@TOC_DESCRIPTION4
@R5	@TOC_PAGE5	@TOC_DESCRIPTION5
@R6	@TOC_PAGE6	@TOC_DESCRIPTION6
@R7	@TOC_PAGE7	@TOC_DESCRIPTION7
@R8	@TOC_PAGE8	@TOC_DESCRIPTION8
@R9	@TOC_PAGE9	@TOC_DESCRIPTION9
@R10	@TOC_PAGE10	@TOC_DESCRIPTION10
@R11	@TOC_PAGE11	@TOC_DESCRIPTION11
@R12	@TOC_PAGE12	@TOC_DESCRIPTION12
@R13	@TOC_PAGE13	@TOC_DESCRIPTION13
@R14	@TOC_PAGE14	@TOC_DESCRIPTION14
@R15	@TOC_PAGE15	@TOC_DESCRIPTION15
@R16	@TOC_PAGE16	@TOC_DESCRIPTION16
@R17	@TOC_PAGE17	@TOC_DESCRIPTION17
@R18	@TOC_PAGE18	@TOC_DESCRIPTION18
@R19	@TOC_PAGE19	@TOC_DESCRIPTION19
@R20	@TOC_PAGE20	@TOC_DESCRIPTION20
@R21	@TOC_PAGE21	@TOC_DESCRIPTION21
@R22	@TOC_PAGE22	@TOC_DESCRIPTION22
@R23	@TOC_PAGE23	@TOC_DESCRIPTION23
@R24	@TOC_PAGE24	@TOC_DESCRIPTION24
@R25	@TOC_PAGE25	@TOC_DESCRIPTION25

1	01/01/2014	For Construction
0	01/01/2014	For Approval
REV	DATE	DESCRIPTION
		
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hillside Drive, Balinger, TX 76821 (800) 527-1087		
DRAWING DESCRIPTION:		BUILDING DESCRIPTION:
SHEETS:		NOOF SLOPE:
Division: Cummings		2.0:12
Required:		None
Checked:		Project Address: 2
Date: 3/7/25		Doc #
Detailer:		highlandporckover

NOTE: THE UNDERSIGNED ENGINEER IS NOT THE "REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE" NOR "ENGINEER OF RECORD" FOR THE OVERALL PROJECT.

TRIM TABLE	
ROOF PLAN	
010 PART	DETAIL
1 #1322	Peak Sheet



ROOF FRAMING PLAN

16'-6 1/2" (30)



16'-6 1/2" (30)

ROOF SHEETING
 PANELS: 26 Ga. PBR
 GP Galvalume Plus



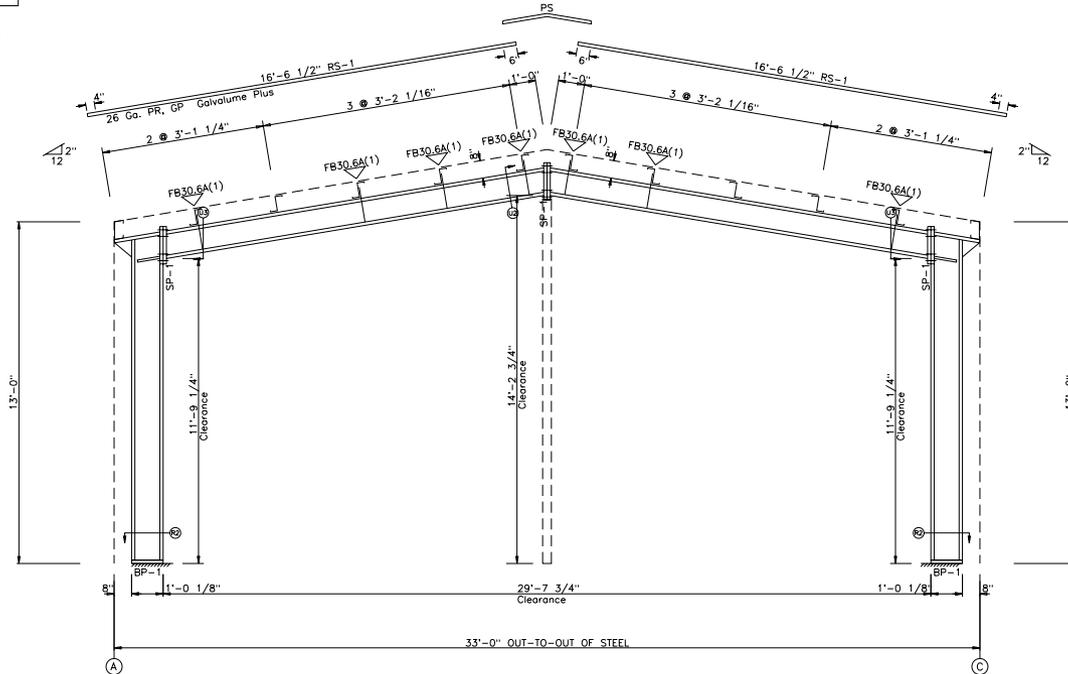
MUELLER, INC.
 STEEL BUILDING SYSTEMS & COMPONENTS
 1913 Hutchins Ave. Ballinger, TX 76821
 (800) 527-1087 (325) 365-8103 (Fax)

DESCRIPTION		ROOF FRAMING		#file	
SIZE	33'-0" x 90'-0" x 13'-0"			ROOF SLOPE	2.0:12
CUSTOMER Required					
LOCATION Project Address 2					
DRN. BY	CKD BY	DATE	SCALE	SALESMAN	JOB NO.
Detailer		3/ 4/25	NONE	Dalton Cummings	Highlandpark
				SHEET NO.	REV.
				1	OR

SPLICE PLATE & BOLT TABLE										
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.50	6"	1/2"	1'-4"	

BASE PLATE TABLE			
Col	Plate Size		
Mark	Width	Thick	Length
BP-1	6"	1/2"	1'-0 1/2"

▽ FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - FB2X2X12

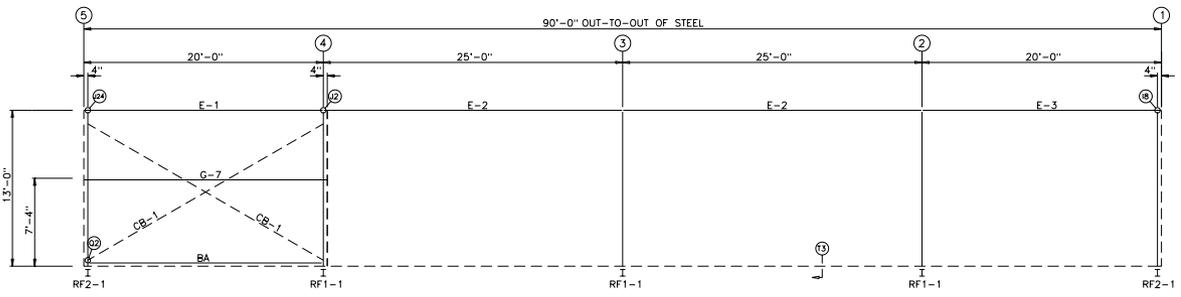


RIGID FRAME ELEVATION: FRAME LINE 2 3 4

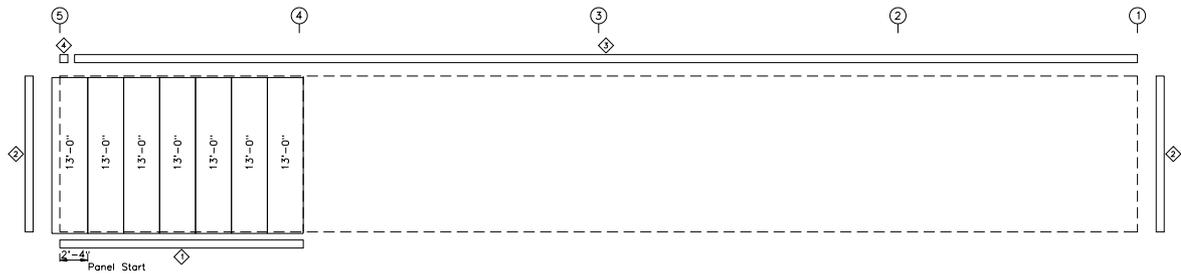
**** THIS ENDWALL FRAME IS NOT EXPANDABLE ****
 (Will be verified during renumbering)

MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION RIGID FRAME ELEVATION #File SIZE 33'-0" x 90'-0" x 13'-0" ROOF SLOPE 2:0.12 CUSTOMER Required							
LOCATION Project Address 2							
DRW BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcyver	000000	01

TRIM TABLE		
FRAME LINE A		
ID	PART	DETAIL
1	#0330	Roof
2	#0160	Corner
3	#0800	Eave
4	#1140	RakeEndCap



SIDEWALL FRAMING: FRAME LINE A



SIDEWALL SHEETING & TRIM: FRAME LINE A
 PANELS: 26 Ga. PR - LST L1 Stone

GENERAL NOTES:

****CAUTION****

UP TO @BDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE SIDEWALL PANELS.

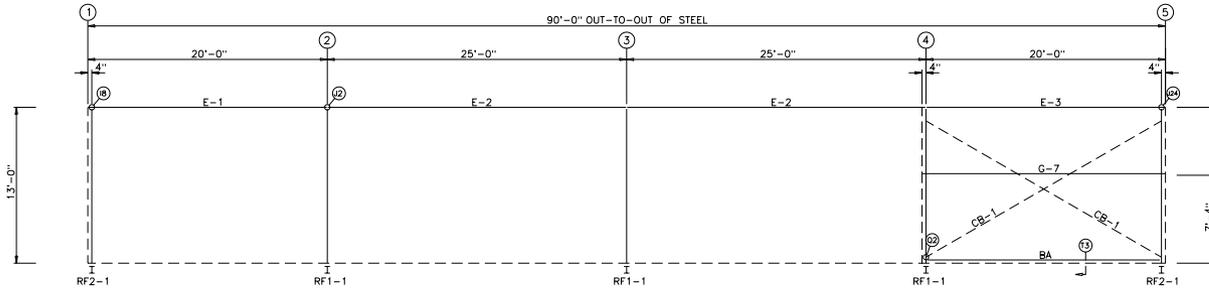
MUELLER, INC.
 STEEL BUILDING SYSTEMS & COMPONENTS

1913 Hutchins Ave. Ballinger, TX 76821
 (800) 527-1087 (325) 365-8103 (Fax)

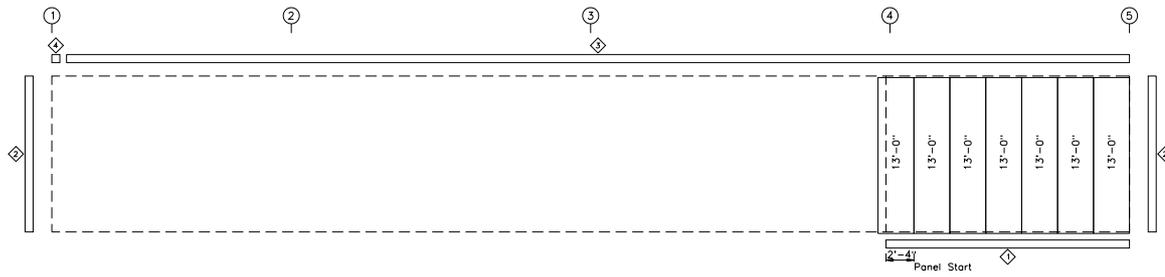


DESCRIPTION		SIDEWALL FRAMING		#File
SIZE		33'-0" x 90'-0" x 13'-0"		ROOF SLOPE 2.0:12
CUSTOMER Required				
LOCATION Project Address 2				
DRG. BY	OK'D BY	DATE	SCALE	SALESMAN
Detailer		3/ 4/25	NONE	Dalton Cummings
JOB NO.		SHEET NO.		REV.
highlandparkcyer		000000		0R

TRIM TABLE		FRAME LINE C
ID	PART	DETAIL
1	#0330	Base
2	#0160	Corner
3	#0800	Eave
4	#1140	RakeEndCap



SIDEWALL FRAMING: FRAME LINE C



SIDEWALL SHEETING & TRIM: FRAME LINE C
 PANELS: 26 Ga. PR - LST L1 Stone

GENERAL NOTES:

****CAUTION****

UP TO @FDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE SIDEWALL PANELS.

MUELLER, INC.
 STEEL BUILDING SYSTEMS & COMPONENTS

1913 Hutchins Ave. Ballinger, TX 76821
 (800) 527-1087 (325) 365-8103 (Fax)

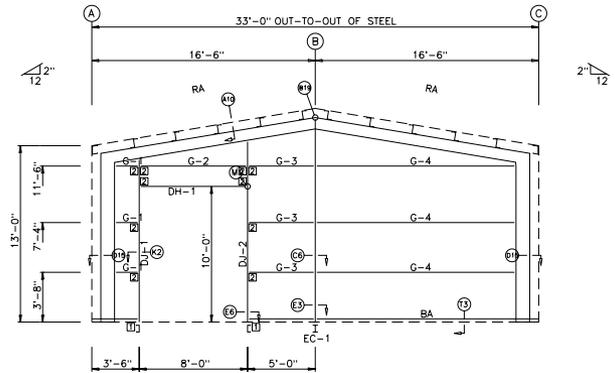


DESCRIPTION		SIDEWALL FRAMING	#File
SIZE		33'-0" x 90'-0" x 13'-0"	ROOF SLOPE 2.0:12
CUSTOMER Required			
LOCATION Project Address 2			
DRW BY	DATE	SCALE	SALESMAN
Detailer	3/ 4/25	NONE	Dalton Cummings
JOB NO.		SHEET NO.	REV.
highlandparkcyver		000000	0R

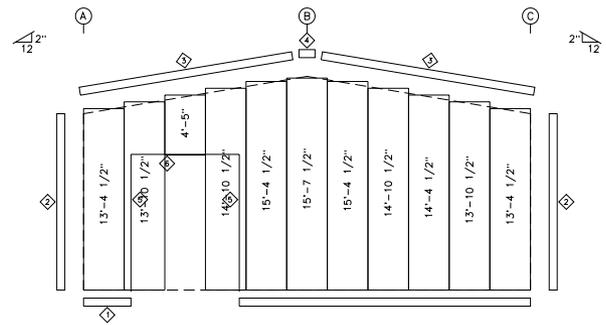
BOLT TABLE FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	3/4"	2 1/2"
Jamb	2	A325	5/8"	2"

TRIM TABLE FRAME LINE 4		
ID	PART	DETAIL
1	#0350	Base
2	#0160	Corner
3	#1500	Transition
4	#0940	Peak Box
5	#0350	Jamb End
6	#0300	Header

CONNECTION PLATES FRAME LINE 4	
ID	MARK/PART
1	MC5
2	MC1



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 Ga. PR - LST Lt Stone

GENERAL NOTES:

ROOF SLOPES GREATER THAN 1:12 REQUIRE ENDWALL PANELS BE FIELD CUT TO MATCH ROOF SLOPE.

****CAUTION****

UP TO @LDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE ENDWALL PANELS.

ALL ENDWALL COLUMNS AND JAMBS ARE DESIGNED AS "POSTS" AS DEFINED BY OSHA AND ARE NOT INTENDED TO BE CLIMBED ON UNTIL FULLY BRACED.

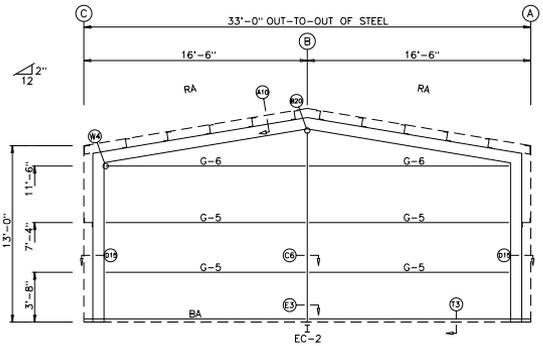
MUELLER, INC.
STEEL BUILDING SYSTEMS & COMPONENTS

1913 Hutchins Ave. Ballinger, TX 76821
(800) 527-1087 (325) 365-8103 (Fax)

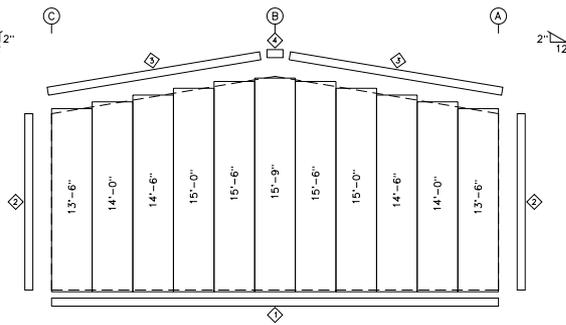
DESCRIPTION	ENDWALL FRAMING	#File
SIZE	33'-0" x 90'-0" x 13'-0"	ROOF SLOPE 2.0:12
CUSTOMER	Required	
LOCATION	Project Address 2	
DATE	3/ 4/25	SCALE NONE
SALESMAN	Dalton Cummings	JOB NO. highlandparkcyver000000
SHEET NO.	000000	REV. BR

BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	2"

TRIM TABLE		
FRAME LINE 5		
ID	PART	DETAIL
1	#0330	Base
2	#0160	Corner
3	#1440	Rake
4	#0940	Peak Box



ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5

PANELS: 26 Ga. PR - LST Lt Stone

GENERAL NOTES:

ROOF SLOPES GREATER THAN 1:12 REQUIRE ENDWALL PANELS BE FIELD CUT TO MATCH ROOF SLOPE.

****CAUTION****

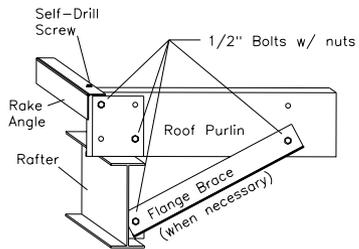
UP TO @RDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE ENDWALL PANELS.

ALL ENDWALL COLUMNS AND JAMBS ARE DESIGNED AS "POSTS" AS DEFINED BY OSHA AND ARE NOT INTENDED TO BE CLIMBED ON UNTIL FULLY BRACED.

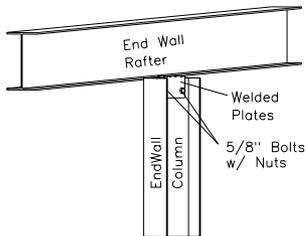
MUELLER, INC.
 STEEL BUILDING SYSTEMS & COMPONENTS

1913 Hutchins Ave. Ballinger, TX 76821
 (800) 527-1087 (325) 365-8103 (Fax)

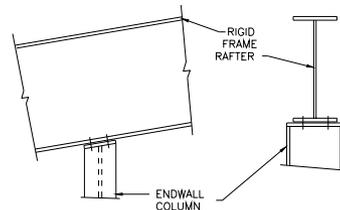
DESCRIPTION		ENDWALL FRAMING		#File
SIZE	33'-0" x 90'-0" x 13'-0"			ROOF SLOPE 2:0:12
CUSTOMER Required				
LOCATION Project Address 2				
DRW. BY	DATE	SCALE	SALESMAN	JOB NO.
Detailer	3/ 4/25	NONE	Dalton Cummings	highlandparkcyver000000
				SHEET NO. 2:0:12
				REV. BR



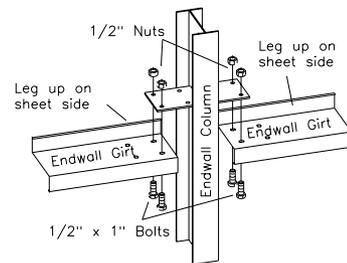
A10 SECTION THRU RIGID FRAME RAFTER



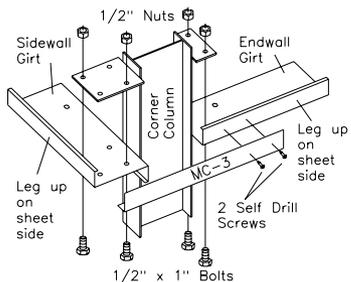
B19 ENDWALL RAFTER TO COLUMN



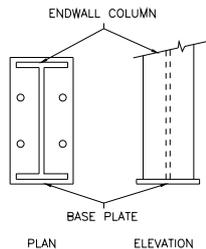
B20 RIGID FRAME RAFTER TO ENDWALL COLUMN



C6 ENDWALL COLUMN TO WALL GIRT

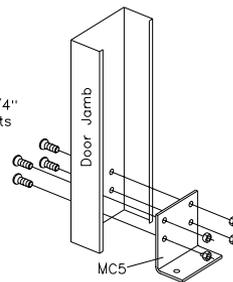


D15 CORNER COLUMN TO WALL GIRT



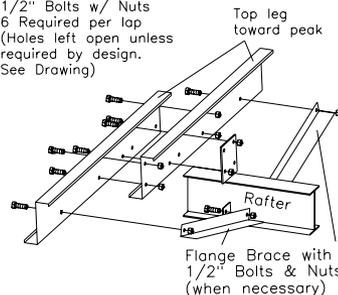
E3 BASE PLATE FOR ENDWALL COLUMN

(4) A307
1/2" x 1 1/4"
Fin Head Bolts
w/ Nuts



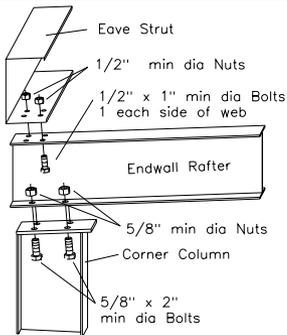
E6 BASE PLATE FOR DOOR JAMB

1/2" Bolts w/ Nuts
6 Required per lap
(Holes left open unless
required by design.
See Drawing)

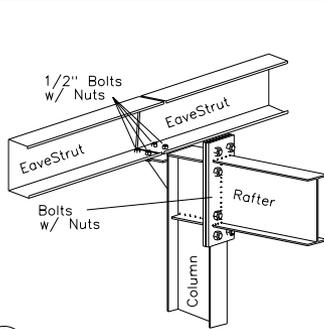


G2 ROOF PURLIN TO INTERIOR FRAME RAFTER

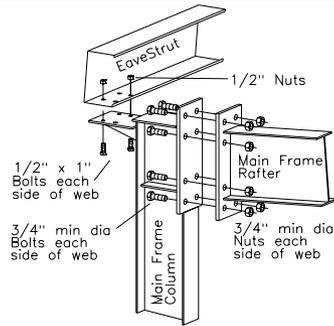
<p>MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)</p>				
				DESCRIPTION
SIZE	33'-0" x 90'-0" x 13'-0"		ROOF SLOPE	2.0:12
CUSTOMER	Required			
LOCATION	Project Address 2			
DRW. BY	OK'D BY	DATE	SCALE	SALESMAN
Detailer		3/ 4/25	NONE	Dalton Cummings
				highlandparkcyver00000000
				JOB NO. SHEET NO. REV.



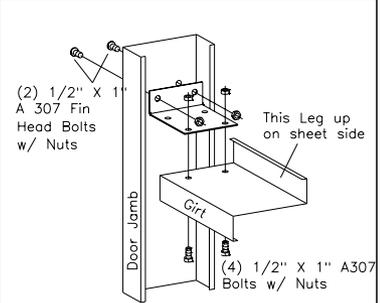
18 EAVE STRUT TO ENDWALL RAFTER



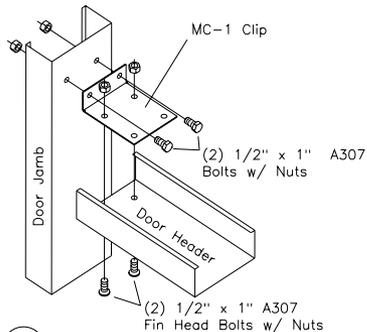
J2 EAVE STRUT TO RIGID FRAME



J24 EAVE STRUT TO CORNER MAIN COLUMN

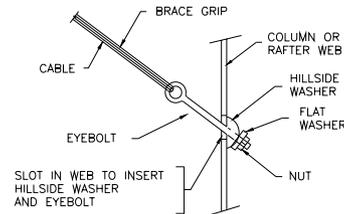


K2 ENDWALL COLUMN TO WALL GIRT

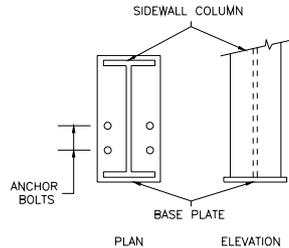


M1 DOOR HEADER TO DOOR JAMB

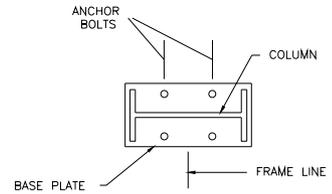
NOTE: FLUSH SIDEWALL GIRTS HAVE TO BE FIELD SLOTTED TO INSTALL CABLE.



Q2 DIAGONAL CABLE, EYEBOLT END



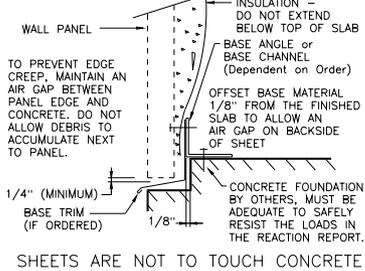
R2 ANCHOR BOLTS AT SIDEWALL COLUMN



S2 INTERIOR COLUMN ANCHOR BOLTS

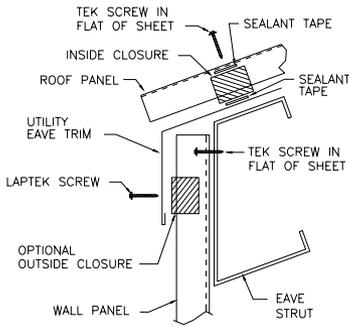
MUELLER, INC.						
STEEL BUILDING SYSTEMS & COMPONENTS						
1913 Hutchins Ave.			Bollinger, TX 76821			
(800) 527-1087			(325) 365-8103 (Fax)			
DESCRIPTION	DETAIL DRAWINGS				#File	
SIZE	33'-0" x 90'-0" x 13'-0"				ROOF SLOPE 2.0:12	
CUSTOMER	Required					
LOCATION	Project Address 2		SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer	OK'D BY	DATE	SCALE	Dalton Cummings	highlandparkcyver	000000 0R
		3/ 4/25	NONE			

REQUIRED TO PREVENT
EDGE CREEP/WICKING

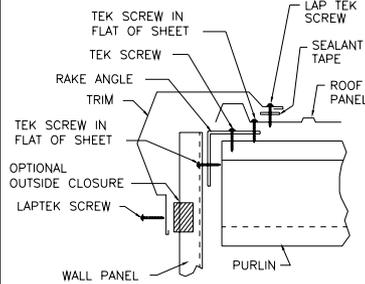


SHEETS ARE NOT TO TOUCH CONCRETE

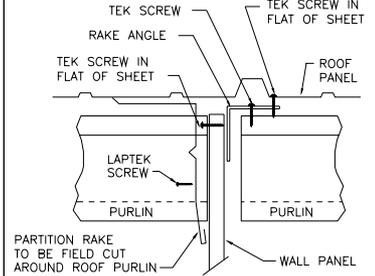
T3 SECTION THRU WALL PANEL
AND CONCRETE FOUNDATION



Eave



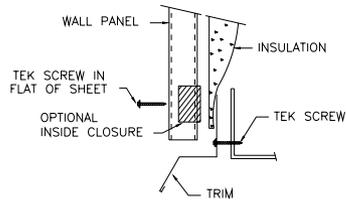
Rake



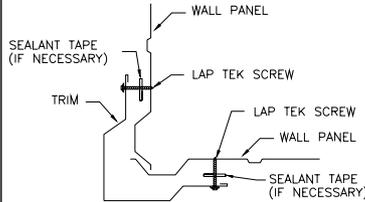
Partition Rake

NOTE:

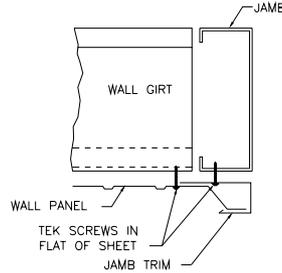
- If insulation is used, do not extend below bottom of Base Material.
- If insulation is used, Closures and Sealant are not used.



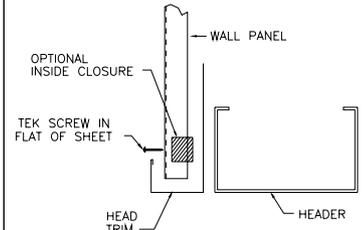
Base



Outside Corner

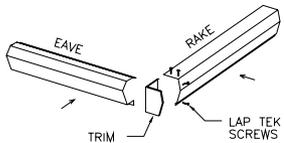


Jamb

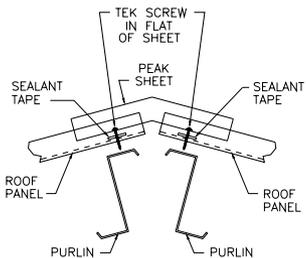


Head - Door

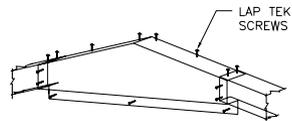
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION	DETAIL DRAWINGS				#File		
SIZE	33'-0" x 90'-0" x 13'-0"				ROOF SLOPE	2.0:12	
CUSTOMER	Required						
LOCATION	Project Address 2						
DRW. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcyber	000000	BR



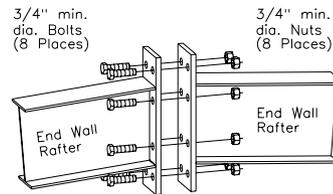
Rake End Cap



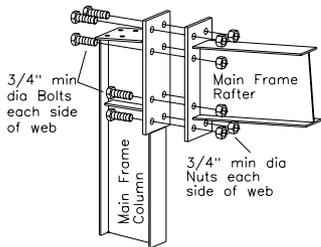
Peak Sheet



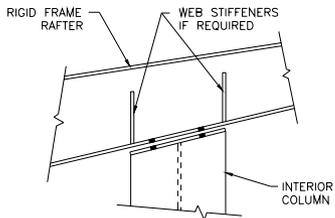
Peak Box



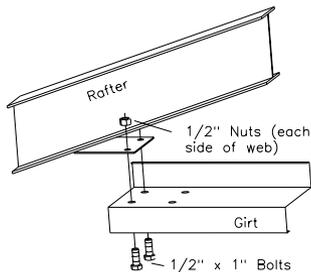
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



U3 BOLTS FOR RAFTER TO COLUMN CONNECTION

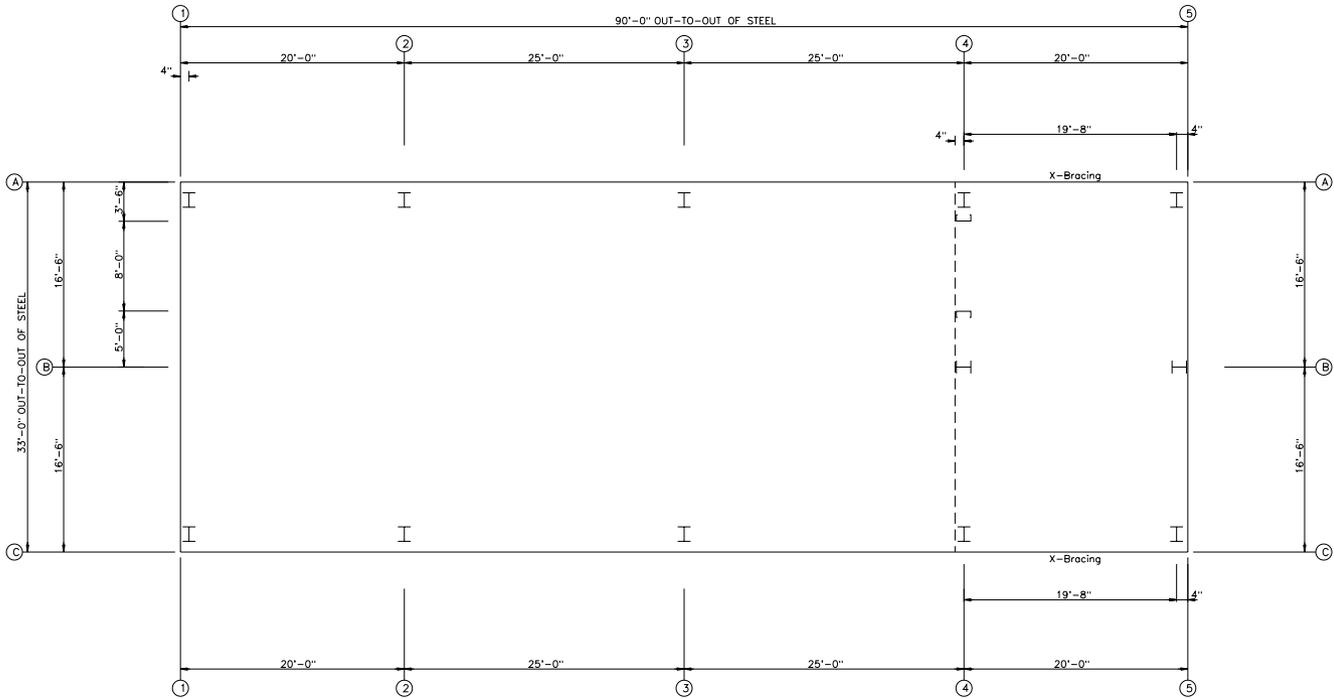


V2 INTERIOR COLUMN TO RAFTER



W4 SECTION OF ENDWALL GIRTS TO RAFTER

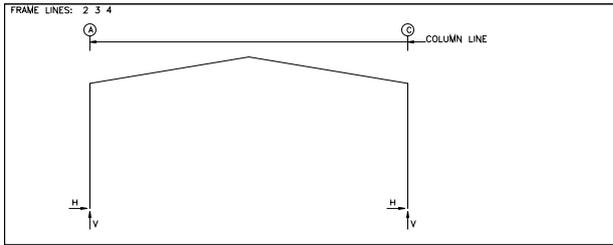
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION	DETAIL DRAWINGS				#File		
SIZE	33'-0" x 90'-0" x 13'-0"				ROOF SLOPE 2.0:12		
CUSTOMER	Required						
LOCATION	Project Address 2						
DRW. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dutton Cummings	highlandparkcyver000000	000000	0R



FLOOR PLAN

Preliminary
Not for Construction

MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION FLOOR PLAN #File							
SIZE 33'-0" x 90'-0" x 13'-0" ROOF SLOPE 2:0:12							
CUSTOMER Required							
LOCATION Project Address 2							
DRAWN BY	CHK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	000000	01



RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead	Collateral	Live	Snow	Wind_Left1	Wind_Right1
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	0.4	1.5	0.1	0.4	1.7	4.9
2*	A	-0.4	1.5	-0.1	0.4	-1.7	4.9
2*	C	-0.4	1.5	-0.1	0.4	-1.7	4.9

Frame Line	Column Line	Wind_Left2	Wind_Right2	Wind_Long1	Wind_Long2	Seismic_Left	Seismic_Right
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	-5.3	-1.7	0.5	1.8	0.6	0.1
2*	A	5.3	1.7	-0.5	-1.8	-0.6	-0.1
2*	C	-0.5	1.8	0.5	-1.7	-0.6	0.1

Frame Line	Column Line	Seismic_Long	MIN_SNOW	F1UNB_SL_L	F1UNB_SL_R
Line	Line	Horz	Vert	Horz	Vert
2*	A	0.0	-0.6	0.7	2.1
2*	A	0.0	-0.6	0.7	2.1
2*	C	0.0	-0.6	0.7	2.1

Frame Line	Column Line	Dead	Collateral	Live	Snow	Wind_Left1	Wind_Right1
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	0.0	0.4	0.0	0.1	0.1	1.4
1*	A	0.0	0.4	0.0	0.1	0.1	1.4
1*	C	0.0	0.4	0.0	0.1	0.1	1.4

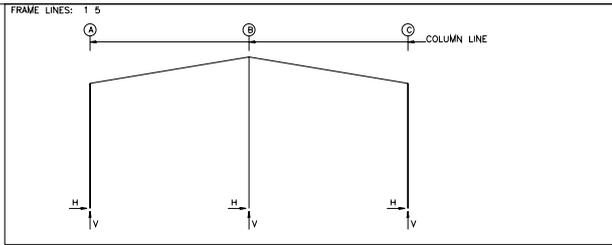
Frame Line	Column Line	Wind_Left2	Wind_Right2	Wind_Long1	Wind_Long2	Seismic_Left	Seismic_Right
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	-2.0	-0.4	0.4	1.1	1.0	-3.6
1*	A	2.0	0.4	-0.4	-1.1	-1.0	3.6
1*	C	-0.4	1.1	2.0	-0.4	-0.8	-3.1

Frame Line	Column Line	Seismic_Long	MIN_SNOW	F2PAT_LL_1	F2PAT_LL_2	F2UNB_SL_L	F2UNB_SL_R
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	0.0	-0.6	0.0	0.4	0.1	1.5
1*	A	0.0	-0.6	0.0	0.4	0.1	1.5
1*	C	0.0	-0.6	0.0	0.4	0.1	1.5

2* Frame lines: 2 3 4
1* Frame lines: 1 5

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Total Len (in)	Proj (in)
○ 4	Jamb	5/8"	12.0	2.00
○ 4	Endwall	5/8"	12.0	2.00
○ 4	Endwall	3/4"	15.0	2.00
○ 40	Frame	3/4"	15.0	2.00



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load	Hmax	V	Load Hmin	Vmin	Bolt(n)	Base_Plate(n)	Grout (n)
Line	Line	Id	Id	Id	Id	Id	Qty	Width	Length
1*	A	3	1.0	-0.4	10	-1.2	0.0	4	0.750
1*	A	7	0.3	2.0	12	0.6	-1.9	6.000	10.50
1*	C	11	1.2	0.0	2	-1.0	-0.4	4	0.750
1*	C	6	-0.3	2.0	13	-0.6	-1.9	6.000	10.50
1*	B	9	0.0	-1.5	9	0.0	-1.5	4	0.750
1*	B	1	0.0	4.2				6.000	8.000

1* Frame lines: 1 5

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load	Hmax	V	Load Hmin	Vmin	Bolt(n)	Base_Plate(n)	Grout (n)
Line	Line	Id	Id	Id	Id	Id	Qty	Width	Length
2*	A	5	2.6	2.2	10	-2.9	-0.2	4	0.750
2*	A	1	2.2	6.8	8	-2.1	-5.8	6.000	12.50
2*	C	11	2.9	-0.2	4	2.6	2.2	4	0.750
2*	C	1	2.2	6.8	9	2.1	-5.8	6.000	12.50

2* Frame lines: 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frm Line	Col Line	Dead	Wind	Wind	Seis
Line	Line	Vert	Horz	Horz	Vert
4*	B	0.1	-3.0	3.3	0.0

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Load	Hmax	V	Load Hmin	Vmin	Bolt(n)	Base_Plate(n)	Grout (n)
Line	Line	Id	Id	Id	Id	Id	Qty	Width	Length
4*	B	14	2.0	0.1	15	0.1	15	1.8	0.0
4*	B	16	2.0	0.1				8.000	300

1913 - MATCHING AVE. - SPRINGFIELD, TX - 76821
(800) 527-1087 (325) 365-8103 (Fax)

- LOAD COMBINATIONS**
- 1 Dead+Collateral+Live
 - 2 Dead+Collateral+Live+0.6Wind_Left1
 - 3 Dead+Collateral+Live+0.6Wind_Right1
 - 4 Dead+Collateral+Live+0.75Live+0.45Wind_Left1
 - 5 Dead+Collateral+Live+0.75Live+0.45Wind_Right1
 - 6 Dead+Collateral+0.75Live+0.45Wind_Left2
 - 7 Dead+Collateral+0.75Live+0.45Wind_Right2
 - 8 0.6Dead+0.6Wind_Left1
 - 9 0.6Dead+0.6Wind_Right1
 - 10 0.6Dead+0.6Wind_Left2
 - 11 0.6Dead+0.6Wind_Right2
 - 12 0.6Dead+0.6Wind_Long1L
 - 13 0.6Dead+0.6Wind_Long2L
 - 14 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 15 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
 - 16 Dead+0.6Wind_Right2+0.6Wind_Suction
 - 17 0.6Dead+0.6Wind_Right1+0.6Wind_Suction

ANCHOR BOLT REACTIONS

DESCRIPTION	ANCHOR BOLT REACTIONS	#/ft
SIZE	35'-0" x 90'-0" x 15'-0"	ROOF SLOPE 2.0:12
CUSTOMER	Required	
LOCATION	Project Address 2	
DATE BY	DATE SCALE SALESMAN	JOB NO. SHEET NO. REV.
3/5/20	NONE Dalton Cummings	highlandparkco-000000 08

BUILDING BRACING REACTIONS

Wall	Col	Wind	Seismic	Panel Shear	Note	
Loc	Line	Horz	Vert	(lb/ft)		
L-EW	1				(h)	
F-SW	C	4.5	1.9	1.1	1.0	0.6
R-EW	5					(h)
B-SW	A	5.4	1.9	1.1	1.0	0.6

(h)Rigid frame at endwall
Reactions for seismic represent shear force, E

(877) 268-3553



Building Quotation

Steel Building Systems & Components

Salesperson: Dalton Cummings Date: 3/5/2025 Quote #: highlandparkcover

Submittals

- Mueller Supplied Components Designed to meet TX Windstorm Criteria
- See Additional Architectural Drawings
- Request for Pre-Express
- Request for Pre-Approved Custom

Customer Data

Customer:	<u>Required</u>	End User:	_____
Cust. No:	_____	Name:	_____
Mail Address:	<u>Client Address 1</u>	Jobsite Address:	_____
City, State, Zip:	<u>, 77459</u>	City, State, Zip:	<u>Dallas, TX 75205</u>
Contact:	<u>Contact</u>	County:	<u>Dallas</u>
Day Phone:	<u>-</u>	General Contr:	_____
Home Phone:	<u>-</u>	Address:	_____
Cell Phone:	<u>-</u>	City, State, Zip:	_____
Fax:	<u>-</u>	Customer Type:	_____
Email:	<u>troy@kmisportsconstruction.com</u>		

Building Details

Building Type: ● RF ○ SS ○ LT

Width: 33.000' Peak Offset: 16.500' Front Side: Eave Ht 13.000' Roof Slope: 2.000 in 12 Girt Type: ByPass

Length: 90.000' Back Side: 13.000' Roof Slope: 2.000 in 12 Girt Type: ByPass

Sidewall Bay Spacing 1 @ 20.0000', 2 @ 25.0000', 1 @ 20.0000'

Frame ID	Frame Type*	Col Type*	Rafter Type*	Frame Line	# Int Col's
<u>1</u>	<u>Rigid Frame</u>	<u>Wide-Flange</u>	<u>Wide-Flange</u>	<u>2 3 4</u>	<u>-</u>
<u>2</u>	<u>Rigid Frame</u>	<u>Wide-Flange</u>	<u>Wide-Flange</u>	<u>1 5</u>	<u>1</u>

* May change due to engineering requirements

Building Code (Provided by customer): Building Loads:

Design Code:	<u>IBC'21</u>	Dead Load:	<u>2.50 psf</u>
Closed/Open:	<u>P</u>	Live Load:	<u>20.00 psf</u>
Exposure:	<u>C</u>	Load Reduction:	<u>Yes</u>
Importance - Wind:	<u>1.00</u>	Ground Snow:	<u>5.00 psf</u>
Site Class:	<u>D</u>	Collateral:	<u>1.00 psf</u>
Importance -Seismic:	<u>1.00</u>	Wind Load:	<u>107.00 mph</u>
Seismic Coefficient:	<u>0.16</u>		
Importance - Snow:	<u>1.00</u>		

Other Loads:

Crane Load? ○ Yes ● No

Floor Load? ○ Yes ● No

Parapet / Mansard? ○ Yes ● No

(Attach Separate Data Sheet)

Stepped elevations or structures within 20 feet? ○ Yes ● No

Building Use Classification: **Standard Building**
Description of building use: **covered storage**

Frame Coating

Main Columns & Rafters	Purlins, Girts, Eave Struts	Door Framing	Base Angle
● Red oxide	● Red oxide	● Red oxide	● Red oxide
○ Hot-Dipped Galv'd	○ Pre-Galvanized	○ Pre-Galvanized	○ Pre-Galvanized
	○ Hot-Dipped Galv'd	○ Hot-Dipped Galv'd	○ Hot-Dipped Galv'd

End Frames

	Left	Right
Expandable	<input type="radio"/>	<input type="radio"/>
Non-Exp RF	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Std. Endwall	<input type="radio"/>	<input type="radio"/>
CF Endwall	<input type="radio"/>	<input type="radio"/>

Base Condition

- Angle
- Trim
- Channel
- Girt
- GZ Base Fixtrue

Wall Bracing

- Roof:
- Left Endwall:
- Front Sidewall:
- Right Endwall:
- Back Sidewall:

Bracing Details

Diagonal Bracing
Rigid Frame
Diagonal Bracing
Rigid Frame
Diagonal Bracing

Framed Openings

Note: Bolted Clips

Wall	Bay	Open Width	Header Ht	Sill Ht	Offset
Left Endwall	1	8.000'	10.000'	0.000'	3.500'

*Note on framed openings: Mueller, Inc will supply the necessary reinforcement to brace framed openings against necessary loadings. If the size of the framed openings are specified by the customer, Mueller, Inc will not be responsible for adaptability of fit-up of items installed in these framed openings other than stock overhead doors supplied by Mueller, Inc

Purlin Extensions

Wall	Surface	Length	Soffit
None			

Eave Extensions and Canopies

Wall	Bay St	Bay End	Height	Width	Slope	Soffit
None						

Open walls:

*Note: All open walls will contain necessary columns unless otherwise noted.

Left Endwall:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	Right Endwall:	<input type="radio"/> Yes	<input checked="" type="radio"/> No
Front Sidewall:	<input type="radio"/> Yes	<input checked="" type="radio"/> No	Back Sidewall:	<input type="radio"/> Yes	<input checked="" type="radio"/> No

Partial Walls and Wainscot:

Wall	Wainscot	Bay Start	Bay End	Open Height	Base	Full Load
None						

Liner Panel

Location	Start	End	Height
None			

Sheets & Trim

Location	Color	Panel	Gauge	Quality	Trim
Roof	Galvalume Plus	PBR	26	20 Yr.	Gable: Cocoa Brown
Walls	Lt Stone	PBR	26	30 Yr.	Eave: Cocoa Brown
Soffit	---				Corner: Cocoa Brown
Roof Liner	---				Jamb: Cocoa Brown
Wall Liner	---				Liner: ---
Wainscot	---				Wainscot: ---

* see specific details at www.muellerinc.com.

Fasteners

	Roof	Walls	Soffit
Panel:	TEK1.25	TEK1.25	--
Lap:	LAPTEK	LAPTEK	--
Type:	Painted	Painted	--

Ridge Covering

- Peak Sheets
- Ridge Roll

Eave Condition

Front Sidewall

- Gutter & Downspouts
- Eave Trim

Back Sidewall

- Gutter & Downspouts
- Eave Trim

Accessories

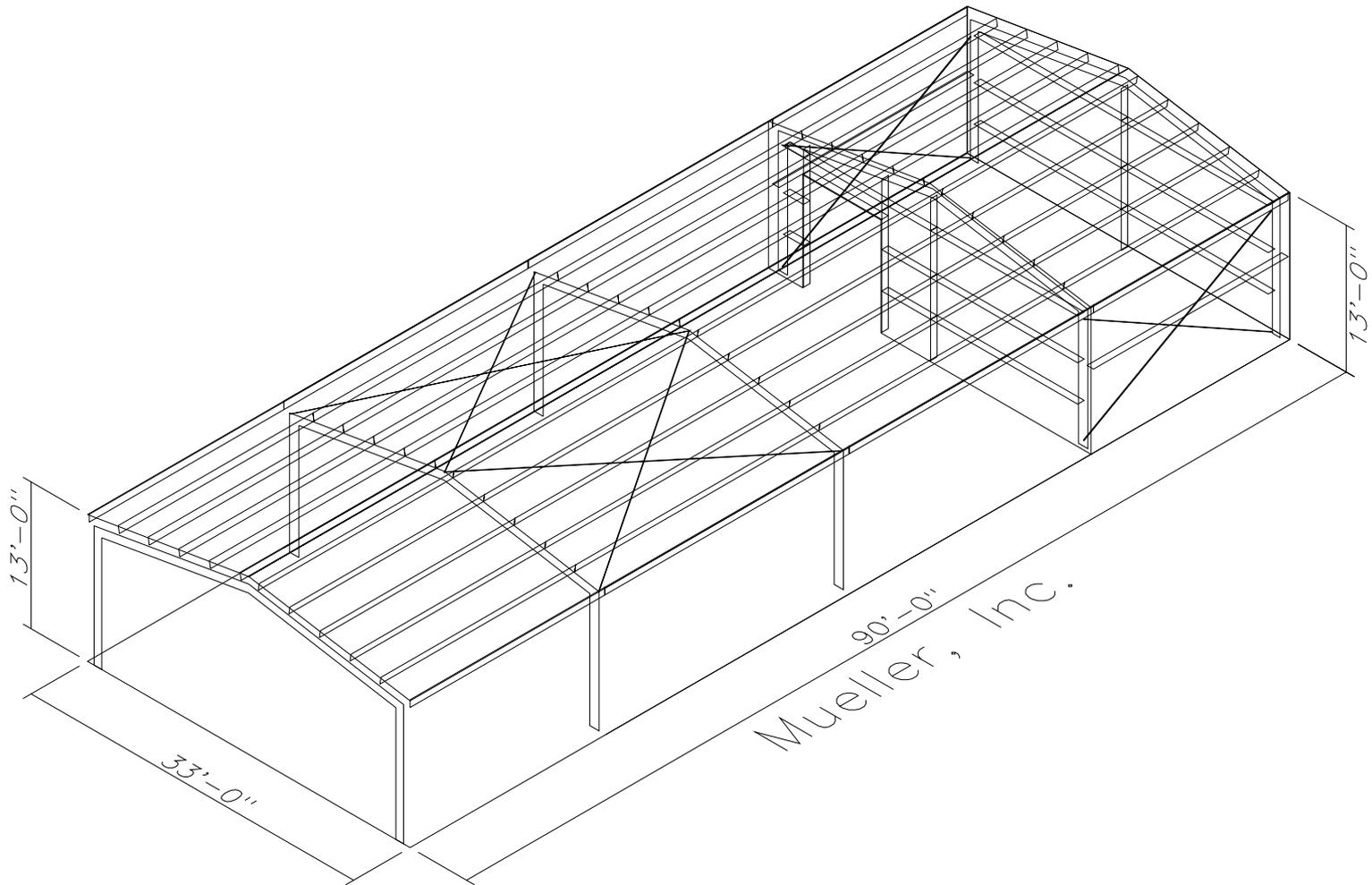
**** All accessories need to be applied to the base price as shown on the pricing page. ****

	<u>Item Description</u>	<u>Quantity</u>
Alt 1:	Mue Rud: Mue 8' X 10' C200 Bwh Stock	1
Alt 2:	Standard Lockset	1
Alt 3:	Wd: 3x7 Door Wht W/lks Cutout	1
Alt 4:	Wd: 8 1/4" X 3'x 7' Wht Kerf Frame	1

Weight of Building: **15,022 lbs.**
 (Subject to change after the building is Engineered and Detailed)

Special Requirements:

Notes: Anchor Bolts are not included with this Quotation.



GENERAL NOTES

THE STRUCTURE UNDER THIS CONTRACT HAS BEEN DESIGNED AND DETAILED FOR THE LOADS AND CONDITIONS STIPULATED IN THE CONTRACT AND SHOWN ON THESE DRAWINGS. ANY ALTERATIONS TO THE STRUCTURAL SYSTEM, REMOVAL OF ANY COMPONENT PARTS, OR THE ADDITION OF OTHER CONSTRUCTION MATERIALS OR LOADS MUST BE DONE UNDER THE ADVICE AND DIRECTION OF A REGISTERED ARCHITECT, CIVIL OR STRUCTURAL ENGINEER. THE BUILDING MANUFACTURER WILL ASSUME NO RESPONSIBILITY FOR ANY LOADS NOT INDICATED.

THIS METAL BUILDING IS DESIGNED WITH THE BUILDING MANUFACTURER'S STANDARD PRACTICES WHICH ARE BASED ON PERTINENT PROCEDURES AND REQUIREMENTS OF THE FOLLOWING ORGANIZATIONS AND CODES AS APPLICABLE:
 1. AMERICAN INSTITUTE OF STEEL CONSTRUCTION, SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS
 2. AMERICAN IRON AND STEEL INSTITUTE, SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS
 3. AMERICAN WELDING SOCIETY, STRUCTURAL WELDING CODE AWS D11
 4. METAL BUILDING MANUFACTURER'S ASSOCIATION, LOW RISE BUILDING SYSTEMS MANUAL
 5. INTERNATIONAL CODE COUNCIL: INTERNATIONAL BUILDING CODE

ALL WELDING ELECTRODES SHALL BE A531 CLASS E-70 SERIES. MINIMUM WELDS ON PRIMARY STRUCTURAL MEMBERS SHALL BE 3/16 FILLET WELDS UNLESS SHOWN OTHERWISE ON SHOP FABRICATION DRAWINGS.
 ALL STRUCTURAL STEEL SHALL BE SHOP FABRICATED UNLESS NOTED.

MATERIAL PROPERTIES OF STEEL PLATE AND SHEET USED IN THE FABRICATION OF PRIMARY RIGID FRAMES AND ALL PRIMARY STRUCTURAL FRAMING MEMBERS (OTHER THAN COLD-FORMED SECTIONS) CONFORM TO THE CHEMISTRY REQUIREMENTS OF ASTM-A36 WITH MINIMUM YIELD POINT OF 50,000 P.S.I. OR 36,000 P.S.I. AS REQUIRED BY DESIGN. MATERIAL PROPERTIES OF COLD FORMED LIGHT GAGE STEEL MEMBERS CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-570, GRADE 55, WITH A MINIMUM YIELD POINT OF 57,000 P.S.I.

ALL PIPE SHALL BE MINIMUM SCHEDULE 40 AND 36,000 P.S.I. UNLESS OTHERWISE NOTED.
 CABLE BRACING TO BE "BRACE GRIP" SYSTEM AS MANUFACTURED BY FLORIDA WIRE AND CABLE COMPANY. EHS CABLE OR EQUAL BRACING IN FLUSH GIRT SIDEWALL / ENDWALL BAYS MAY REQUIRE THE FIELD CUTTING OF SLOTS SO THAT CABLE IS INSTALLED WITHIN GIRTS.

STRUCTURAL JOINTS WITH A.S.T.M. A-325 HIGH STRENGTH BOLTS, WHERE INDICATED ON THE DRAWINGS, SHALL BE ASSEMBLED AND THE FASTENERS TIGHTENED IN ACCORDANCE WITH "SNUG-TIGHT" METHOD AS DESCRIBED IN THE SPECIFICATION FOR STRUCTURAL JOINTS USING A.S.T.M. A-325 OR A-490 BOLTS (JUNE 30, 2004 EDITION), UNLESS OTHERWISE NOTED. ALL JOINTS WILL BE ASSEMBLED WITHOUT WASHERS UNLESS OTHERWISE NOTED.
 ALL STEEL MEMBERS EXCEPT BOLTS AND FASTENERS SHALL RECEIVE ONE SHOP COAT OF IRON OXIDE CORROSION INHIBITIVE PRIMER.

SHOP AND FIELD INSPECTIONS AND ASSOCIATED FEES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 UNLESS OTHERWISE NOTED, ALL SCREWED-DOWN ROOF AND WALL PANELS ARE TO BE INSTALLED USING A MINIMUM OF ONE SCREW PER FOOT AT EACH PURLIN / GIRT AND ONE STITCH SCREW EVERY 24 INCH ALONG THE PANEL LAPS AND ENDS AS DESCRIBED IN THE INSTALLATION MANUAL. SINCE BEARING FRAME ENDWALLS DEPEND ON DIAPHRAGM STRENGTH TO PROVIDE LATERAL SUPPORT, THE NUMBER AND SIZE OF FIELD INSTALLED OPENINGS IN THESE WALLS MAY BE LIMITED. SEE THE APPLICABLE WALL DRAWING OR CONTACT YOUR SALES REPRESENTATIVE FOR MORE INFORMATION.

BUILDING DESCRIPTION

BLDG	WIDTH	LENGTH	HEIGHT	ROOF PITCH	BACK	FRONT
1	33	x 90	x 13	13	2.0:12	2.0:12
2	x	x	x			

WARRANTY NOTE

ENGINEERING CALCULATIONS AND DESIGN ARE BASED ON PRE-FABRICATED METAL BUILDINGS AS SHOWN IN THESE DRAWINGS AND SUPPLIED BY MUELLER, INC. AND ANY FIELD FABRICATION AND/OR MODIFICATION OF SAID BUILDINGS IS THE SOLE RESPONSIBILITY OF THE CUSTOMER AND MAY VOID ALL ENGINEERING AND WARRANTY.

PRODUCT CERTIFICATIONS

THIS IS TO CERTIFY THE ABOVE REFERENCED BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH A.I.S.C. AND A.I.S.I. DESIGN PROCEDURES AND GOOD ENGINEERING PRACTICE AND FOR THE FOLLOWING LOADS. ALL WELDING IS PER THE A.I.S.C. D11 & D13 CODES. LOADS ARE APPLIED IN ACCORDANCE WITH THE M.B.A.A. LOW RISE BUILDING SYSTEMS MANUAL, AND THE DESIGN SATISFIES THE REQUIREMENTS OF IBC 21

DEAD LOAD: METAL BLDG. STRUCTURE ONLY AS FURNISHED BY MUELLER, INC.
 LIVE LOAD (ROOF): 20.00PSF GROUND SNOW LOAD: 5,0000 PSF
 LIVE LOAD REDUCED PER CODE? Yes $P_1 = 3.5000$ $C_e = 1.0000$ $s = 1.0000$
 WIND EXPOSURE: C WIND LOAD: $V_{at} = 107$ MPH
 RISK CATEGORY: II - Normal $V_{50} = 82.88$ MPH

SEISMIC LOADS

$I_s = 1.00$ SEISMIC DESIGN CATEGORY: B
 $S_s = 0.0992$ $S_{vs} = 0.1056$ SITE CLASS: d
 $S_1 = 0.0544$ $S_{v1} = 0.0864$ ANALYSIS PROCEDURE: Equivalent Lateral Force Method

BUILDING-SPECIFIC LOADING INFORMATION

BLDG	COLLATERAL			SNOW			WIND			SEISMIC		
	Load (psf)	Ct	Cs	P3 (psf)	Enclosure	GCN	R	Cs	V (kips)	Cs	V (kips)	
1	1.00	1.00	1.0000	5.00	Partially Enclos	55	3	0.035	0.69			
2												

THIS LETTER OF CERTIFICATION APPLIES SOLELY TO THIS BUILDING AND ITS COMPONENT PARTS AS FURNISHED AND/OR FABRICATED BY MUELLER, INC. AND SPECIFICALLY EXCLUDES FOUNDATION, MASONRY OR GENERAL CONTRACT WORK INCLUDING ERECTION CERTIFICATION. THE DESIGN AND CERTIFICATION FOR THIS PROJECT IS IN ACCORDANCE WITH THE PROVISIONS AND LOADS SPECIFIED ON THE CONTRACT DOCUMENTS. THE CUSTOMER IS TO INSURE ALL LOADS ARE IN COMPLIANCE WITH LOCAL REGULATORY AUTHORITIES. ALL COMPONENTS AND PARTS MUST WITHSTAND THE WIND LOAD AND DESIGN SPECIFICATIONS MENTIONED ABOVE.

PANEL ACCESSORY INFORMATION

	PANEL TYPE	PANEL COLOR	TRIM COLOR
WALL SHEETS	PR 26	LST Lt Stone	BRN Cocoa Brown
ROOF SHEETS	PR 26	GP Galvalume Plus	BRN Cocoa Brown

WARNING: IN NO CASE SHOULD GALVALUME STEEL PANELS BE USED IN CONTACT WITH LEAD OR COPPER. BOTH LEAD AND COPPER HAVE HARMFUL CORROSION EFFECTS ON THE ALUMINUM ZINC ALLOY COATING WHEN THEY ARE USED IN CONTACT WITH GALVALUME STEEL PANELS. EVEN RUN-OFF FROM COPPER FLASHING, WIRING, OR TUBING INTO GALVALUME SHOULD BE AVOIDED.

Legend

PART MARK = Part001

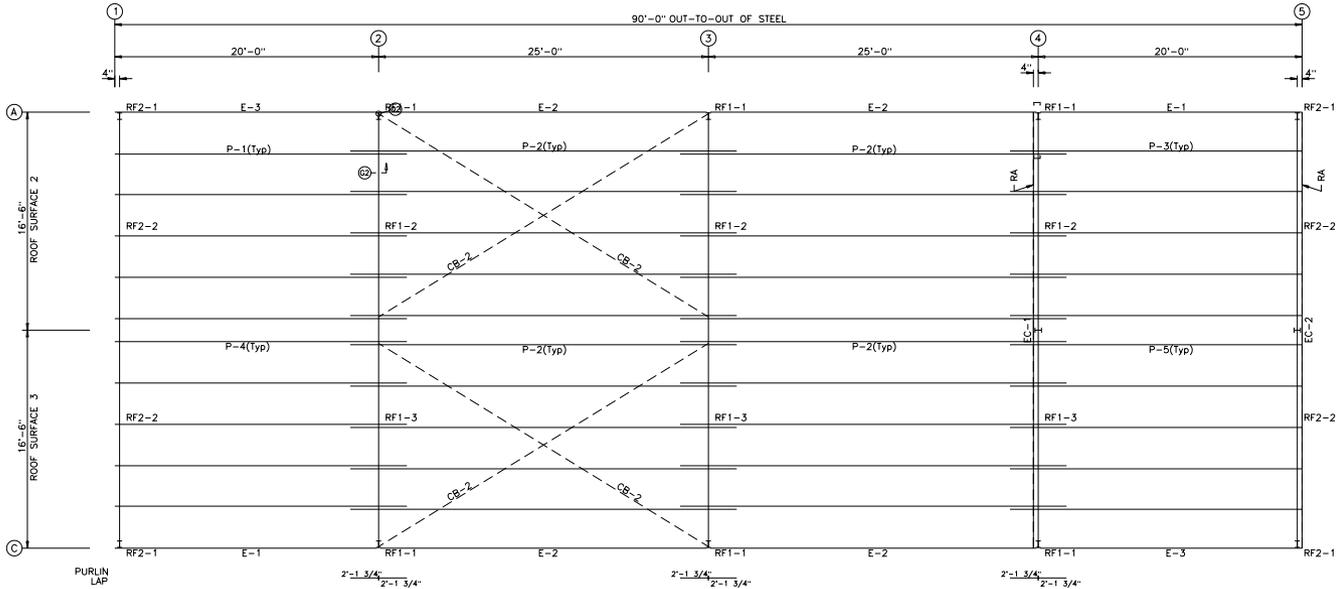
DRAWING INDEX

REV.	PAGE	DESCRIPTION
@R1	@TOC_PAGE1	@TOC_DESCRIPTION1
@R2	@TOC_PAGE2	@TOC_DESCRIPTION2
@R3	@TOC_PAGE3	@TOC_DESCRIPTION3
@R4	@TOC_PAGE4	@TOC_DESCRIPTION4
@R5	@TOC_PAGE5	@TOC_DESCRIPTION5
@R6	@TOC_PAGE6	@TOC_DESCRIPTION6
@R7	@TOC_PAGE7	@TOC_DESCRIPTION7
@R8	@TOC_PAGE8	@TOC_DESCRIPTION8
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1	01/01/2014	For Construction
0	01/01/2014	For Approval
REV	DATE	DESCRIPTION
		
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hillside Drive, Balinger, TX 76821 (800) 527-1087		
DRAWING DESCRIPTION:		BUILDING DESCRIPTION:
SHEETS:		NOOF SLOPE:
Division: Cummings		2.0:12
Required:		None
Checked:	DATE:	Project Address: 2
Detailer:	3/7/25	highlandparkcove

NOTE: THE UNDERSIGNED ENGINEER IS NOT THE "REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE" NOR "ENGINEER OF RECORD" FOR THE OVERALL PROJECT.

TRIM TABLE	
ROOF PLAN	
010 PART	DETAIL
1 #1322	Peak Sheet



ROOF FRAMING PLAN

16'-6 1/2" (30)

16'-6 1/2" (30)



ROOF SHEETING
 PANELS: 26 Ga. PBR
 GP Galvalume Plus



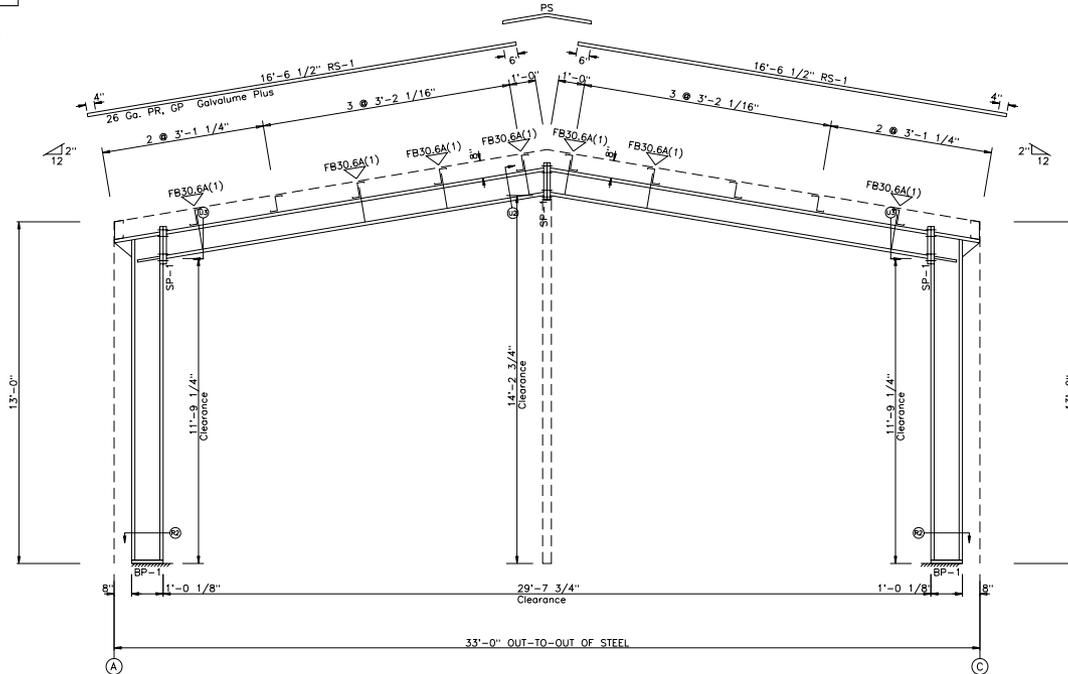
MUELLER, INC.
 STEEL BUILDING SYSTEMS & COMPONENTS
 1913 Hutchins Ave. Ballinger, TX 76821
 (800) 527-1087 (325) 365-8103 (Fax)

DESCRIPTION		ROOF FRAMING		#file	
SIZE	33'-0" x 90'-0" x 13'-0"			ROOF SLOPE	2.0:12
CUSTOMER Required					
LOCATION Project Address 2					
DRN. BY	CKD BY	DATE	SCALE	SALESMAN	JOB NO.
Detailer		3/ 4/25	NONE	Dalton Cummings	Highlandpark
				SHEET NO.	REV.
				1	OR

SPLICE PLATE & BOLT TABLE										
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length
SP-1	4	4	0	A325	0.750	2.50	6"	1/2"	1'-4"	

BASE PLATE TABLE			
Col	Plate Size		
Mark	Width	Thick	Length
BP-1	6"	1/2"	1'-0 1/2"

▽ FLANGE BRACES: FBxx (1 or 2)
 xx=length(in)
 (1) One Side; (2) Two Sides
 A - FB2X2X12

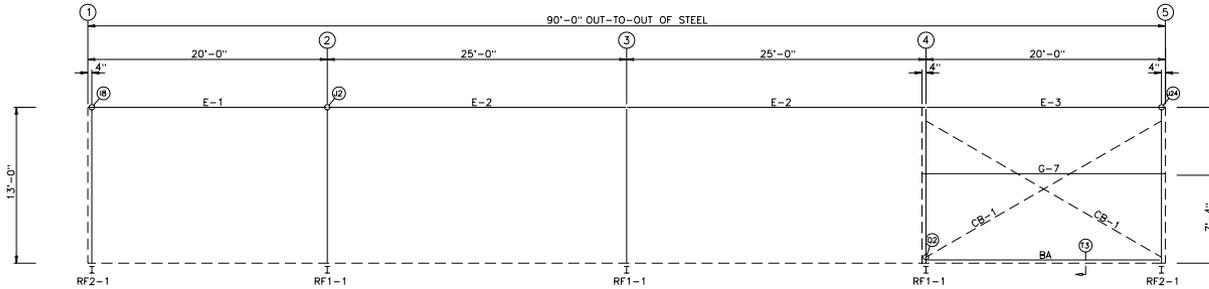


RIGID FRAME ELEVATION: FRAME LINE 2 3 4

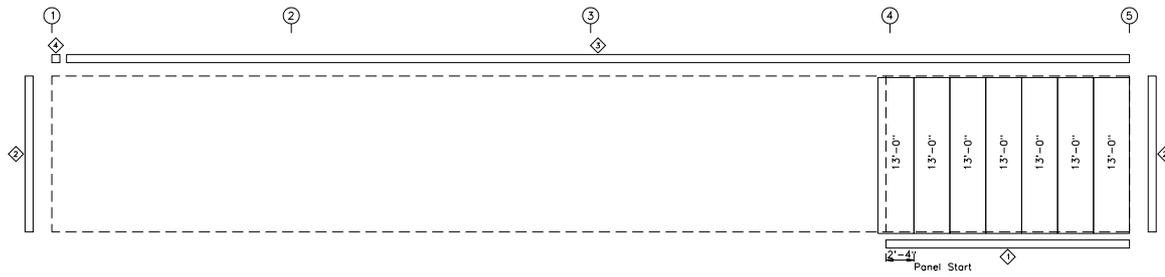
**** THIS ENDWALL FRAME IS NOT EXPANDABLE ****
 (Will be verified during renumbering)

MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION RIGID FRAME ELEVATION #File SIZE 33'-0" x 90'-0" x 13'-0" ROOF SLOPE 2:0.12 CUSTOMER Required							
LOCATION Project Address 2							
DRW BY	CK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcyver	000000	01

TRIM TABLE		FRAME LINE C
ID	PART	DETAIL
1	#0330	Base
2	#0160	Corner
3	#0800	Eave
4	#1140	RakeEndCap



SIDEWALL FRAMING: FRAME LINE C



SIDEWALL SHEETING & TRIM: FRAME LINE C
 PANELS: 26 Ga. PR - LST L1 Stone

GENERAL NOTES:

****CAUTION****

UP TO @FDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE SIDEWALL PANELS.

MUELLER, INC.
 STEEL BUILDING SYSTEMS & COMPONENTS

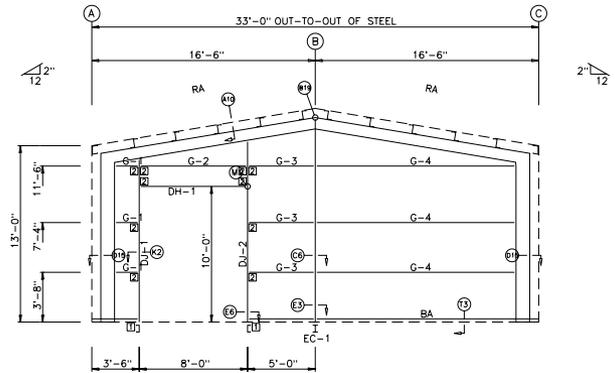
1913 Hutchins Ave. Ballinger, TX 76821
 (800) 527-1087 (325) 365-8103 (Fax)

DESCRIPTION		SIDEWALL FRAMING		#File
SIZE		33'-0" x 90'-0" x 13'-0"		ROOF SLOPE 2.0:12
CUSTOMER Required				
LOCATION Project Address 2				
DRW BY	DATE	SCALE	SALESMAN	JOB NO.
Detailer	3/ 4/25	NONE	Dalton Cummings	highlandparkcyver0000000
			SHEET NO.	REV.

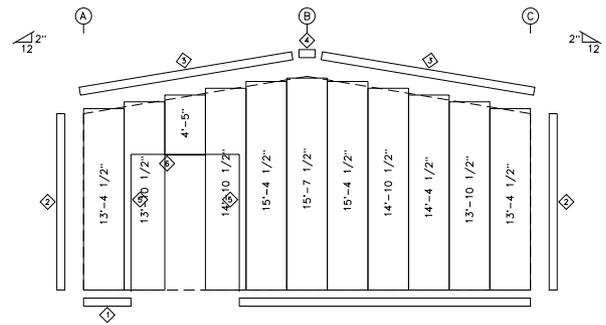
BOLT TABLE FRAME LINE 4				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	2	A325	3/4"	2 1/2"
Jamb	2	A325	5/8"	2"

TRIM TABLE FRAME LINE 4		
ID	PART	DETAIL
1	#0350	Base
2	#0160	Corner
3	#1500	Transition
4	#0940	Peak Box
5	#0350	Jamb End
6	#0300	Header

CONNECTION PLATES FRAME LINE 4	
ID	MARK/PART
1	MC5
2	MC1



ENDWALL FRAMING: FRAME LINE 4



ENDWALL SHEETING & TRIM: FRAME LINE 4

PANELS: 26 Ga. PR - LST Lt Stone

GENERAL NOTES:

ROOF SLOPES GREATER THAN 1:12 REQUIRE ENDWALL PANELS BE FIELD CUT TO MATCH ROOF SLOPE.

****CAUTION****

UP TO @LDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE ENDWALL PANELS.

ALL ENDWALL COLUMNS AND JAMBS ARE DESIGNED AS "POSTS" AS DEFINED BY OSHA AND ARE NOT INTENDED TO BE CLIMBED ON UNTIL FULLY BRACED.

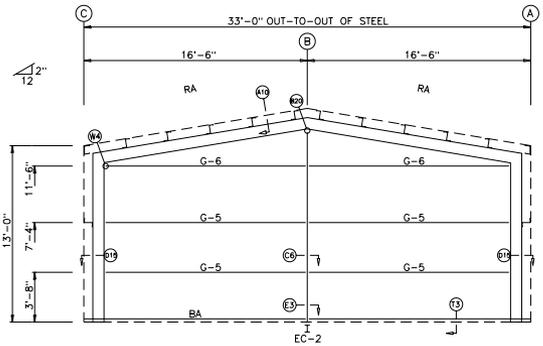
MUELLER, INC.
STEEL BUILDING SYSTEMS & COMPONENTS

1913 Hutchins Ave. Ballinger, TX 76821
(800) 527-1087 (325) 365-8103 (Fax)

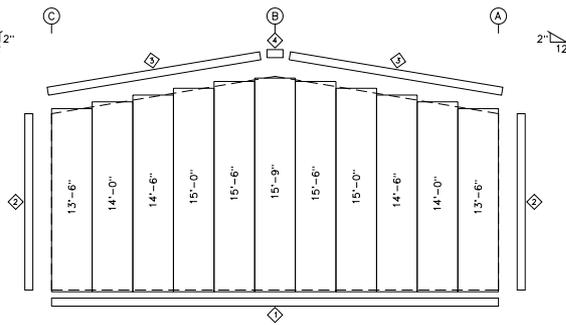
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LOCATION	Project Address 2	
DATE	3/ 4/25	SCALE NONE
SALESMAN	Dalton Cummings	JOB NO. highlandparkcyver000000
SHEET NO.	000000	REV. BR

BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	2"

TRIM TABLE		
FRAME LINE 5		
ID	PART	DETAIL
1	#0330	Base
2	#0160	Corner
3	#1440	Roek
4	#0940	Peak Box



ENDWALL FRAMING: FRAME LINE 5



ENDWALL SHEETING & TRIM: FRAME LINE 5

PANELS: 26 Ga. PR - LST Lt Stone

GENERAL NOTES:

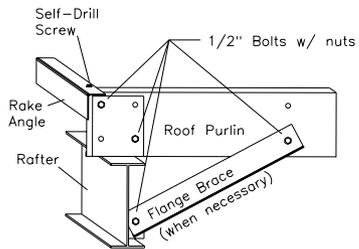
ROOF SLOPES GREATER THAN 1:12 REQUIRE ENDWALL PANELS BE FIELD CUT TO MATCH ROOF SLOPE.

****CAUTION****

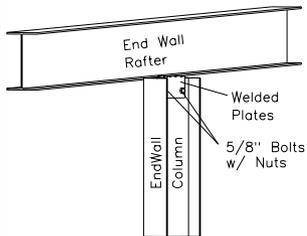
UP TO @RDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE ENDWALL PANELS.

ALL ENDWALL COLUMNS AND JAMBS ARE DESIGNED AS "POSTS" AS DEFINED BY OSHA AND ARE NOT INTENDED TO BE CLIMBED ON UNTIL FULLY BRACED.

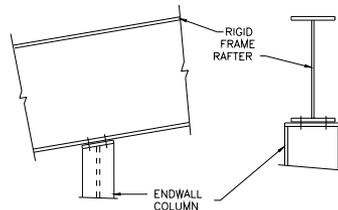
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)						
DESCRIPTION ENDWALL FRAMING #File						
SIZE 33'-0" x 90'-0" x 13'-0" ROOF SLOPE 2:0:12						
CUSTOMER Required						
LOCATION Project Address 2						
DRW. BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer	3/ 4/25	NONE	Dalton Cummings	highlandparkcyver	000000	01



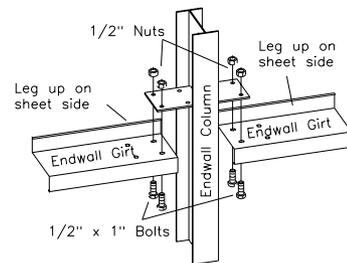
A10 SECTION THRU RIGID FRAME RAFTER



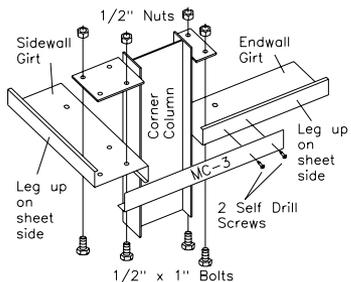
B19 ENDWALL RAFTER TO COLUMN



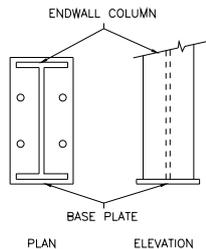
B20 RIGID FRAME RAFTER TO ENDWALL COLUMN



C6 ENDWALL COLUMN TO WALL GIRT

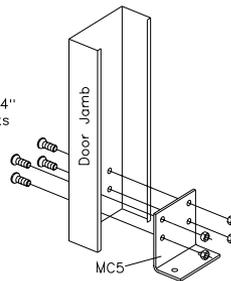


D15 CORNER COLUMN TO WALL GIRT

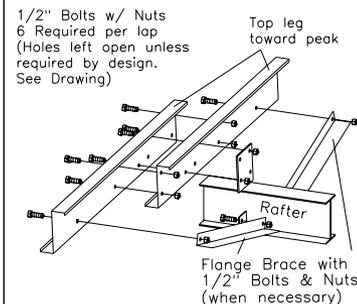


E3 BASE PLATE FOR ENDWALL COLUMN

(4) A307
1/2" x 1 1/4"
Fin Head Bolts
w/ Nuts



E6 BASE PLATE FOR DOOR JAMB

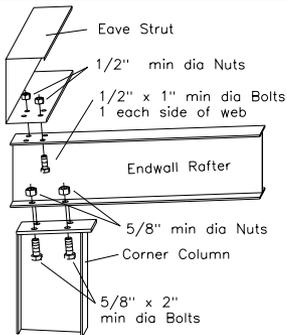


G2 ROOF PURLIN TO INTERIOR FRAME RAFTER

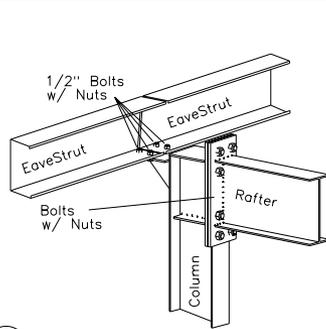
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SIZE	33'-0" x 90'-0" x 13'-0"			ROOF SLOPE 2.0:12
CUSTOMER	Required			
LOCATION	Project Address 2		SALESMAN	JOB NO.
DRW. BY	OK'D BY	DATE	SCALE	SHEET NO.
Detailer		3/ 4/25	NONE	Dalton Cummings
				highlandparkcyver00000000

MUELLER, INC.
STEEL BUILDING SYSTEMS & COMPONENTS
1913 Hutchins Ave. Ballinger, TX 76821
(800) 527-1087 (325) 365-8103 (Fax)

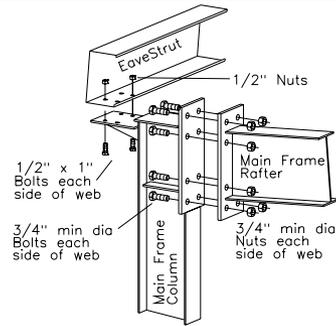




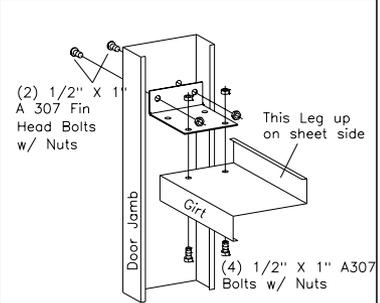
J18 EAVE STRUT TO ENDWALL RAFTER



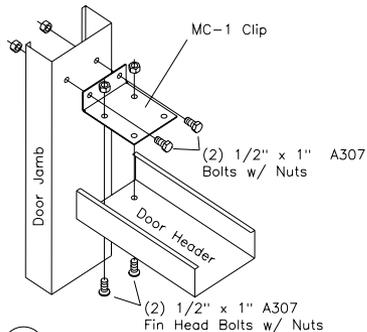
J2 EAVE STRUT TO RIGID FRAME



J24 EAVE STRUT TO CORNER MAIN COLUMN

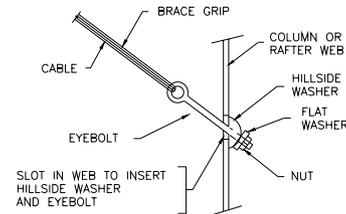


K2 ENDWALL COLUMN TO WALL GIRT

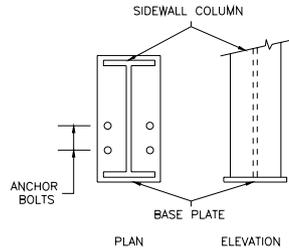


M1 DOOR HEADER TO DOOR JAMB

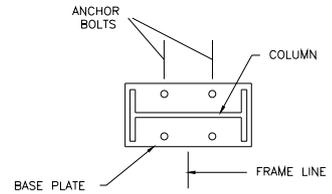
NOTE: FLUSH SIDEWALL GIRTS HAVE TO BE FIELD SLOTTED TO INSTALL CABLE.



Q2 DIAGONAL CABLE, EYEBOLT END



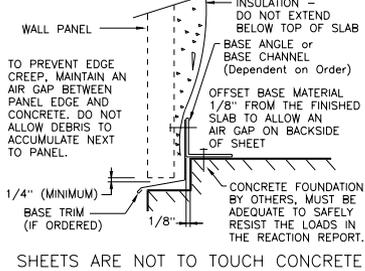
R2 ANCHOR BOLTS AT SIDEWALL COLUMN



S2 INTERIOR COLUMN ANCHOR BOLTS

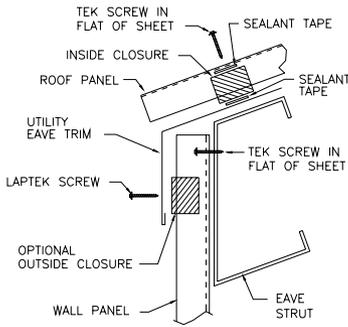
MUELLER, INC.						
STEEL BUILDING SYSTEMS & COMPONENTS						
1913 Hutchins Ave.			Bollinger, TX 76821			
(800) 527-1087			(325) 365-8103 (Fax)			
DESCRIPTION	DETAIL DRAWINGS				#File	
SIZE	33'-0" x 90'-0" x 13'-0"				ROOF SLOPE 2.0:12	
CUSTOMER	Required					
LOCATION	Project Address 2					
DRW. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO. REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcyver	000000 0R

REQUIRED TO PREVENT
EDGE CREEP/WICKING

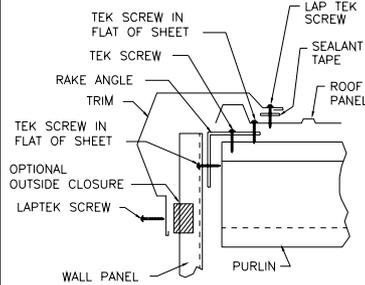


SHEETS ARE NOT TO TOUCH CONCRETE

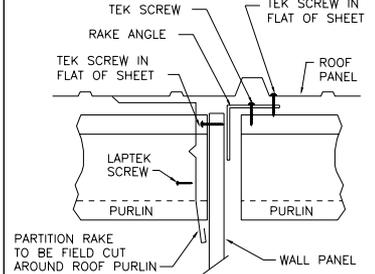
T3 SECTION THRU WALL PANEL
AND CONCRETE FOUNDATION



Eave



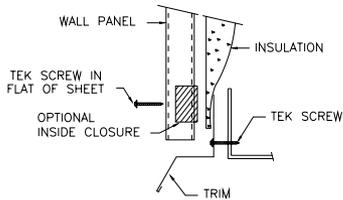
Rake



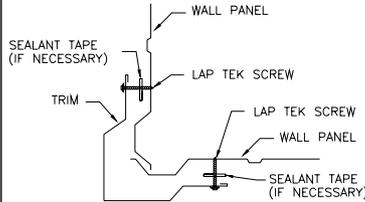
Partition Rake

NOTE:

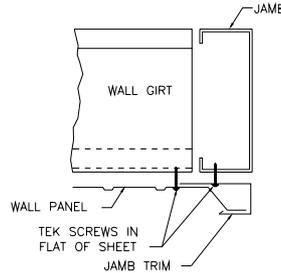
- If insulation is used, do not extend below bottom of Base Material.
- If insulation is used, Closures and Sealant are not used.



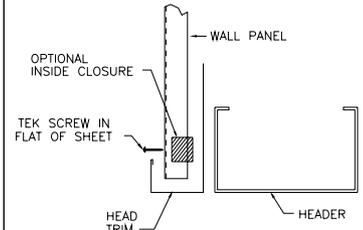
Base



Outside Corner



Jamb

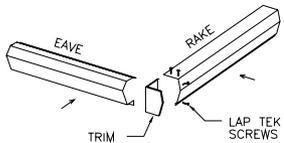


Head - Door

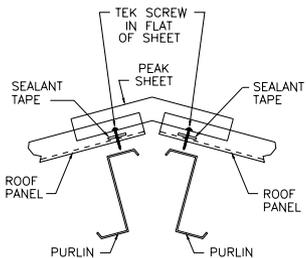
MUELLER, INC.
STEEL BUILDING SYSTEMS & COMPONENTS
1913 Hutchins Ave. Ballinger, TX 76821
(800) 527-1087 (325) 365-8103 (Fax)



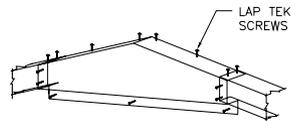
DESCRIPTION	DETAIL DRAWINGS			#File
SIZE	33'-0" x 90'-0" x 13'-0"			ROOF SLOPE 2.0:12
CUSTOMER	Required			
LOCATION	Project Address 2			
DRW. BY	OK'D BY	DATE	SCALE	SALESMAN
Detailer		3/ 4/25	NONE	Dalton Cummings
				highlandparkcyber000000 BR



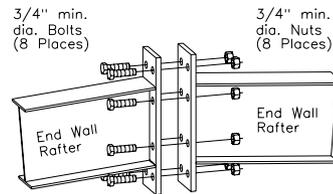
Rake End Cap



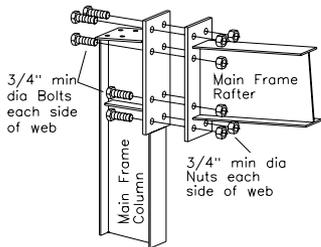
Peak Sheet



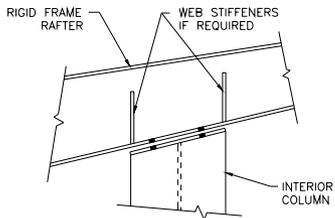
Peak Box



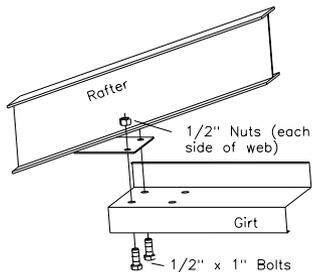
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



U3 BOLTS FOR RAFTER TO COLUMN CONNECTION

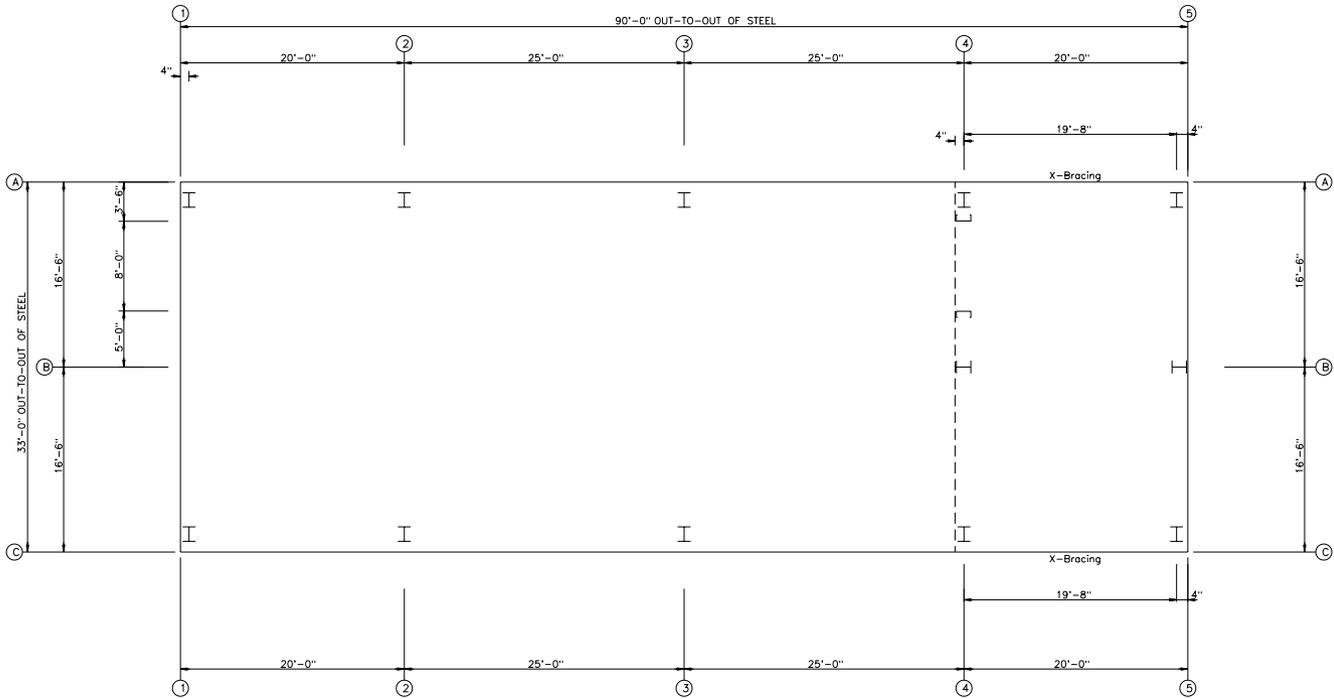


V2 INTERIOR COLUMN TO RAFTER



W4 SECTION OF ENDWALL GIRTS TO RAFTER

MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION	DETAIL DRAWINGS				#File		
SIZE	33'-0" x 90'-0" x 13'-0"				ROOF SLOPE 2.0:12		
CUSTOMER	Required						
LOCATION	Project Address 2						
DRW. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dutton Cummings	highlandparkcyver	000000	BR



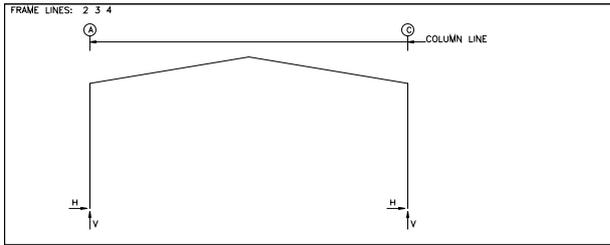
FLOOR PLAN

Preliminary
Not for Construction

MUELLER, INC.
STEEL BUILDING SYSTEMS & COMPONENTS
1913 Hutchins Ave. Ballinger, TX 76821
(800) 527-1087 (325) 365-8103 (Fax)



DESCRIPTION	FLOOR PLAN	#File	
SIZE	33'-0" x 90'-0" x 13'-0"	ROOF SLOPE	2.0:12
CUSTOMER	Required		
LOCATION	Project Address 2		
DATE	3/ 4/25	SCALE	NONE
DRW BY	Detailer	SALESMAN	Dalton Cummings
JOB NO.	highlandparkcyver	SHEET NO.	000000
REV.			0R



RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead	Collateral	Live	Snow	Wind_Left1	Wind_Right1
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	0.4	1.5	0.1	0.4	1.7	4.9
2*	A	-0.4	1.5	-0.1	0.4	-1.7	4.9
3*	C	0.0	0.0	0.0	0.0	0.0	0.0
4*	C	-0.5	1.8	-0.1	0.4	-1.7	4.9

Frame Line	Column Line	Wind_Left2	Wind_Right2	Wind_Long1	Wind_Long2	Seismic_Left	Seismic_Right
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
2*	A	-5.3	-1.7	0.5	1.8	0.6	0.1
2*	A	5.3	1.7	-0.5	-1.8	-0.6	-0.1
3*	C	-0.5	1.8	-0.1	0.4	-1.7	4.9
4*	C	-0.5	1.8	-0.1	0.4	-1.7	4.9

Frame Line	Column Line	Seismic_Long	MIN_SNOW	F1UNB_SL_L	F1UNB_SL_R
Line	Line	Horz	Vert	Horz	Vert
2*	A	0.0	-0.6	0.7	2.1
2*	A	0.0	-0.6	0.7	2.1
3*	C	0.0	0.0	0.0	0.0
4*	C	0.0	-0.6	0.7	2.1

Frame Line	Column Line	Dead	Collateral	Live	Snow	Wind_Left1	Wind_Right1
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	0.0	0.4	0.0	0.1	0.1	1.4
1*	A	0.0	0.4	0.0	0.1	0.1	1.4
1*	C	0.0	0.0	0.0	0.0	0.0	0.0
1*	B	0.0	0.9	0.0	0.2	0.0	0.9

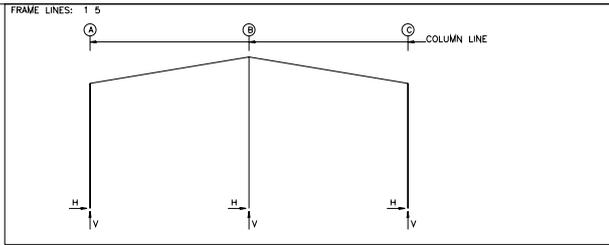
Frame Line	Column Line	Wind_Left2	Wind_Right2	Wind_Long1	Wind_Long2	Seismic_Left	Seismic_Right
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	-2.0	-0.4	0.4	1.1	1.0	-3.6
1*	A	2.0	0.4	-0.4	-1.1	-1.0	3.6
1*	C	-0.4	1.1	2.0	-0.4	-0.8	-3.1
1*	B	0.0	-0.6	0.0	-0.6	0.0	-3.0

Frame Line	Column Line	Seismic_Long	MIN_SNOW	F2PAT_LL_1	F2PAT_LL_2	F2UNB_SL_L	F2UNB_SL_R
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert
1*	A	0.0	-0.6	0.0	0.4	0.1	1.5
1*	A	0.0	-0.6	0.0	0.4	0.1	1.5
1*	C	0.0	-0.6	0.0	0.4	-0.1	-0.1
1*	B	0.0	0.0	0.0	0.9	0.0	1.5

2* Frame lines: 2 3 4
1* Frame lines: 1 5

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Total Len (in)	Proj (in)
○ 4	Jamb	5/8"	12.0	2.00
○ 4	Endwall	5/8"	12.0	2.00
○ 4	Endwall	3/4"	15.0	2.00
○ 40	Frame	3/4"	15.0	2.00



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frame Line	Col Line	Load Id	Hmax	V	Load Hmin	Vmin	Bolt Qty	Dia	Base_Plate Width	Length	Thick	Grout (in)	
1*	A	3	1.0	-0.4	10	-1.2	0.0	4	0.750	6.000	10.50	0.500	0.0
1*	C	7	0.3	2.0	12	0.6	-1.9	4	0.750	6.000	10.50	0.500	0.0
1*	B	9	0.0	-1.5	9	0.0	-1.5	4	0.750	6.000	8.000	0.500	0.0

1* Frame lines: 1 5

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frame Line	Col Line	Load Id	Hmax	V	Load Hmin	Vmin	Bolt Qty	Dia	Base_Plate Width	Length	Thick	Grout (in)	
2*	A	5	2.6	2.2	10	-2.9	-0.2	4	0.750	6.000	12.50	0.500	0.0
2*	C	11	2.2	6.8	8	-2.1	-5.8	4	0.750	6.000	12.50	0.500	0.0
2*	B	1	2.9	-0.2	4	2.6	2.2	4	0.750	6.000	8.000	0.500	0.0

2* Frame lines: 2 3 4

ENDWALL COLUMN: BASIC COLUMN REACTIONS (k)

Frame Line	Col Line	Dead	Wind	Wind	Seis
Line	Line	Vert	Horz	Horz	Vert
4*	B	0.1	-3.0	3.3	0.0

ENDWALL COLUMN: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frame Line	Col Line	Load Id	Hmax	V	Load Hmin	Vmin	Bolt Qty	Dia	Base_Plate Width	Length	Thick	Grout (in)
4*	B	14	2.0	0.1	15	0.1	15	1	1.8	0.0	0.0	0.0
4*	B	16	2.0	0.1	15	0.1	15	1	1.8	0.0	0.0	0.0

1913 - MATCHING - See Steel Building Systems & Components
(800) 527-1087 (325) 365-8103 (Fax)

- LOAD COMBINATIONS**
- 1 Dead+Collateral+Live
 - 2 Dead+Collateral+Live+0.6Wind_Left1
 - 3 Dead+Collateral+Live+0.6Wind_Right1
 - 4 Dead+Collateral+Live+0.75Live+0.45Wind_Left1
 - 5 Dead+Collateral+Live+0.75Live+0.45Wind_Right1
 - 6 Dead+Collateral+0.75Live+0.45Wind_Left2
 - 7 Dead+Collateral+0.75Live+0.45Wind_Right2
 - 8 0.6Dead+0.6Wind_Left1
 - 9 0.6Dead+0.6Wind_Right1
 - 10 0.6Dead+0.6Wind_Left2
 - 11 0.6Dead+0.6Wind_Right2
 - 12 0.6Dead+0.6Wind_Long1L
 - 13 0.6Dead+0.6Wind_Long2L
 - 14 0.6Dead+0.6Wind_Right2+0.6Wind_Suction
 - 15 0.6Dead+0.6Wind_Pressure+0.6Wind_Long2L
 - 16 Dead+0.6Wind_Right2+0.6Wind_Suction
 - 17 0.6Dead+0.6Wind_Right1+0.6Wind_Suction

DESCRIPTION	ANCHOR BOLT REACTIONS	#/ft
SIZE	35'-0" x 90'-0" x 15'-0"	ROOF SLOPE 2.0:12
CUSTOMER	Project Address 2	
LOCATION	DATE BY SCALE SALESMAN JOB NO. SHEET NO. REV.	
Detailer	DATE BY SCALE SALESMAN JOB NO. SHEET NO. REV.	

BUILDING BRACING REACTIONS

Wall Loc	Col Line	Wind Horz	Seismic Vert	Panel Shear (lb/ft)	Note
L-E-W	1	4.5	1.9	1.1	0.6 (h)
F-S-W	C	4.5	1.9	1.1	0.6 (h)
R-E-W	5	4.5	1.9	1.1	0.6 (h)
B-S-W	A	5.4	1.9	1.1	0.6 (h)

(h)Rigid frame at endwall
Reactions for seismic represent shear force, E