

Plotted: Dec 16, 2025, 11:37 PM by user: robert.D\Public\ba3a Projects\HIGHLAND PARK\HIGHLAND PARK HIGH SCHOOL\DISSETHPS SOFTBALL SITE PLAN.dwg

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

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

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

PRESTON ROAD
(A 65.0 FOOT WIDTH RIGHT-OF-WAY)

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

EXISTING 20' ALLEY

EXISTING 15' ALLEY

ZONING PD-25

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

**EXISTING DUG OUT
AND STORAGE.**

EXISTING PARKING GARAGE
FF 563.50
SPRINKLED BUILDING
FOUR LEVELS

EXISTING PARKING GARAGE
FF 563.50
SPRINKLED BUILDING
TWO STORY

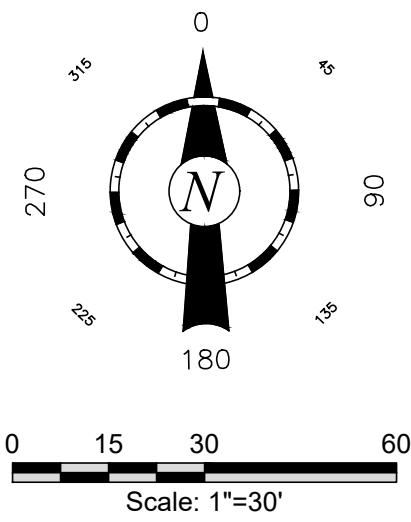
EXISTING TENNIS COURTS

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 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 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. CONTACT 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 DALLAS ENGINEERING DEPARTMENT FOR REVIEW.
- 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 GLARE REGULATIONS AS SPECIFIED BY THE CITY OF UNIVERSITY PARK CODE OF ORDINANCES.
- THE SITE SHALL CONFORM TO THE CITY OF UNIVERSITY PARK STORM WATER MANAGEMENT ORDINANCE.
- ANY PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR TO MEET OR EXCEED EXISTING CONDITIONS.

UTILITY NOTE:

UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE MAPS AND RECORDS AND THEREFORE, THEIR LOCATIONS ARE APPROXIMATE ONLY. ELEVATIONS SHOWN ARE BASED ON FIELD MEASUREMENTS. THERE MAY BE OTHER UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN TO THE UNDERSIGNED. SIZE AND LOCATION OF ALL UNDERGROUND UTILITIES MUST BE VERIFIED PRIOR TO ANY CONSTRUCTION.



OVERALL SITE PLAN

HIGHLAND PARK ISD
SOFTBALL BATTING CAGE AD 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
530 WESTCHESTER DRIVE
DALLAS, TEXAS 75205

Revisions:	
1	

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

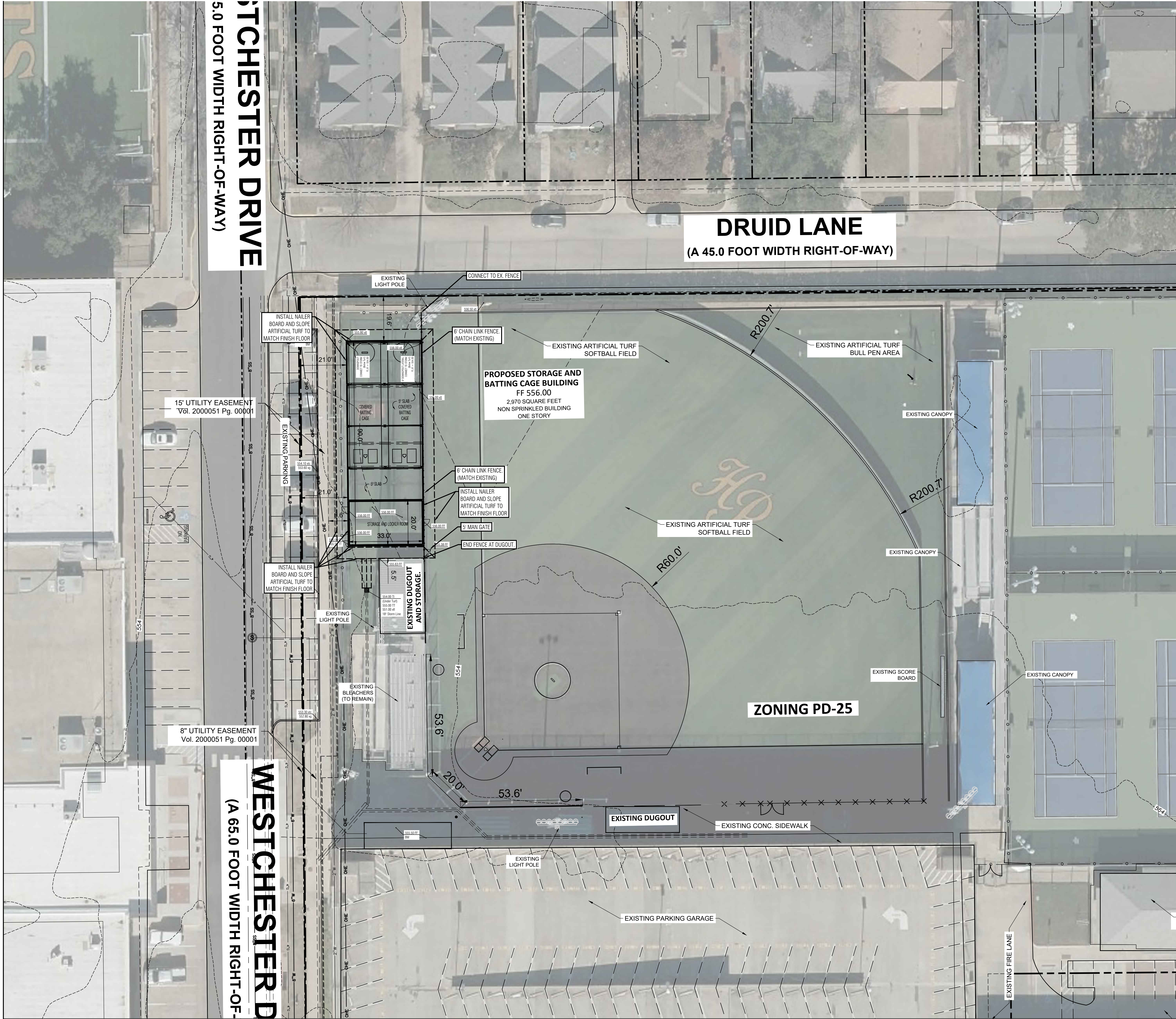
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Drawn By:	R.A.H.
Checked By:	C.M.G.
Contract No.	000-000

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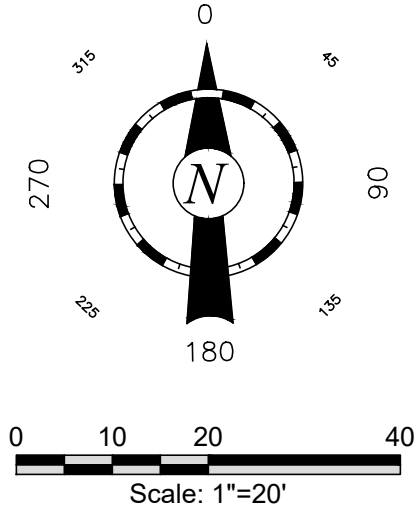


**GLENN
ENGINEERING**
TEXAS REGISTRATION NUMBER: F-303
PHONE 972-775-1515
4350 FULLER DRIVE, SUITE 220
IRVING, TEXAS 75038
FAX 972-717-2178

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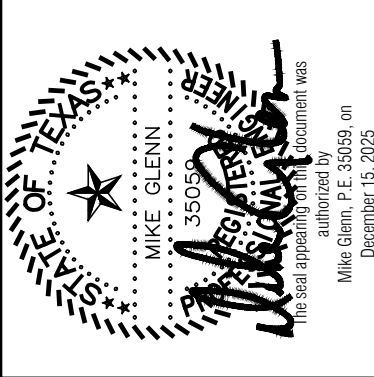


- GENERAL SITE NOTES**
1. STRIPING & SIGNAGE DIMENSIONS ARE FROM FACE OF CURB.
 2. ALL FIRE LANES, PARKING STRIPING, HANDICAP PARKING STRIPING & SIGNAGE ARE TO BE IN ACCORDANCE WITH CITY OF UNIVERSITY PARK REQUIREMENTS, TYP.
 3. PRIOR TO ANY CONSTRUCTION THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH 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.
 4. 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.
 5. ALL WORK SHALL CONFORM TO THE CITY OF UNIVERSITY PARK SPECIFICATIONS, STANDARDS, AND DETAILS.
 6. 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.
 7. 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.
 8. CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD LOCATING EXISTING UTILITIES AND IMPROVEMENTS PRIOR TO CONSTRUCTION.
 9. 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.
 10. 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.



- GENERAL NOTES**
1. 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.
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 7. 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.
 8. STRIPING AND SIGNAGE DIMENSIONS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.
 9. ALL FIRE LANES, PARKING STRIPING, HANDICAP PARKING STRIPING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH CITY OF ARLINGTON AND TAS REQUIREMENTS, TYP.
 10. THE ENTIRE PARKING SHALL BE STRIPED OR RESTRIPE, INCLUDING ALL HC SPACES AND SYMBOLS.
 11. THE SANITATION CONTAINER SCREENING WALLS, GATE AND PAD SITE SHALL BE IN PROPER WORKING ORDER.
 12. THE PROPOSED LIGHTING FOR THE SUBJECT PROPERTY SHALL BE IN CONFORMANCE WITH THE LIGHTING AND GLARE REGULATIONS AS SPECIFIED BY THE CITY OF UNIVERSITY PARK CODE OF ORDINANCES.
 13. THE SITE SHALL CONFORM TO THE CITY OF ARLINGTON STORM WATER MANAGEMENT ORDINANCE.
 14. ANY PAVEMENT DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY CONTRACTOR TO MEET OR EXCEED EXISTING CONDITIONS.
 15. ALL OTHER RADII UNLESS OTHERWISE NOTED ARE 3 FOOT.

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



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: EXECUTIVE DIRECTOR OF
CONSTRUCTION SERVICES
PROJECT ADDRESS:
HIGHLAND PARK SOFTBALL FIELD
330 WESTCHESTER DRIVE
DALLAS, TEXAS 75205

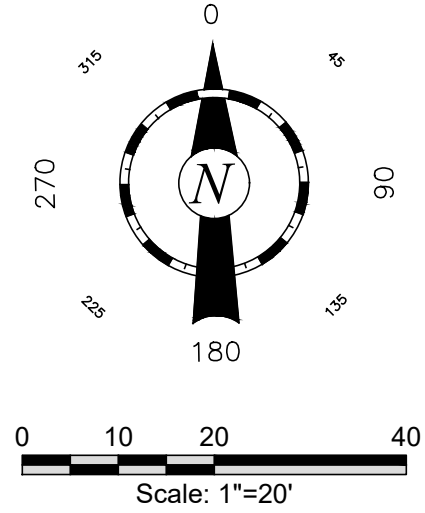
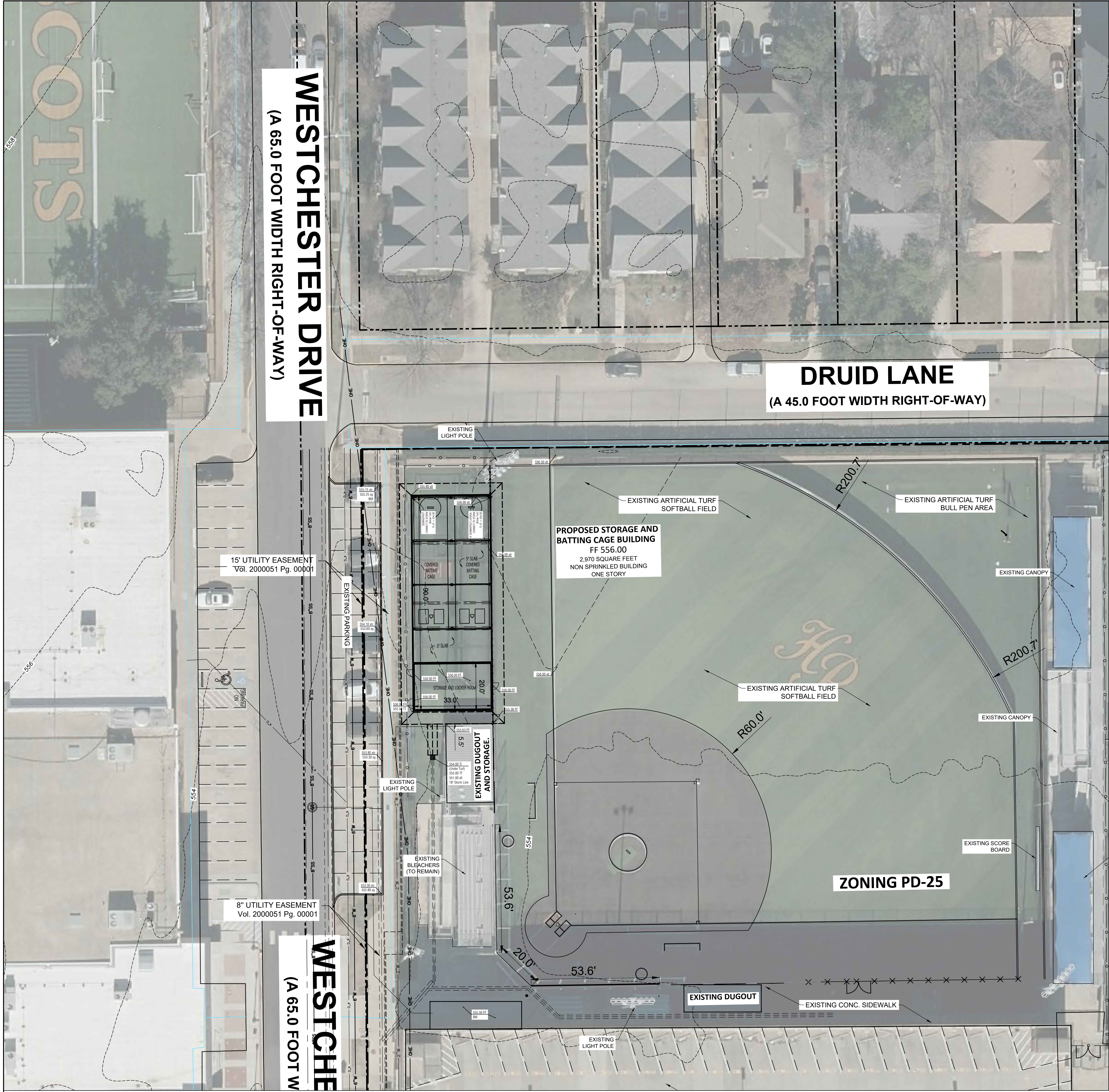
Revisions:	
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Issue Dates:	
Proposal:	12-15-2025
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Drawn By:	R.A.H.
Checked By:	C.M.G.
Contract No.	000-000

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



GENERAL GRADING AND DRAINAGE 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 AND RIM ELEVATIONS PRIOR TO CONSTRUCTION.
9. ALL PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADIENT ARE TO BE USED IN THE EVENT OF ANY DISCREPANCIES.

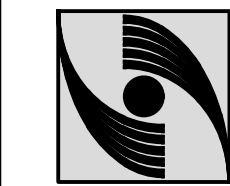
BENCHMARKS:

* X " CUT IN PAVING IN NE CORNER OF THE EXISTING PARKING IN WESTCHESER 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
- 575.80XTC = 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-303
PHONE 972-775-1515
4350 FULLER DRIVE, SUITE 220
IRVING, TEXAS 75068
FAX 972-717-2178



GRADING PLAN

HIGHLAND PARK ISD
SOFTBALL BATTLING CAGE AD STORAGE
BUILDING PROJECT
CITY OF UNIVERSITY PARK, TEXAS



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

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

Revisions:	
1	

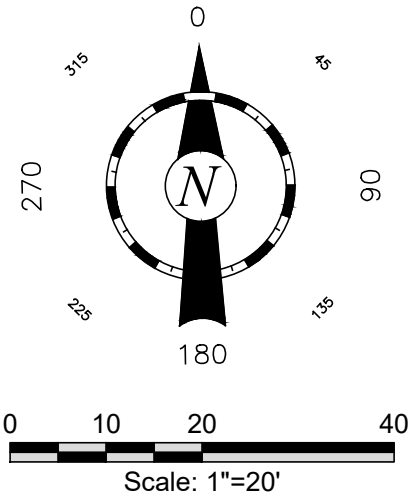
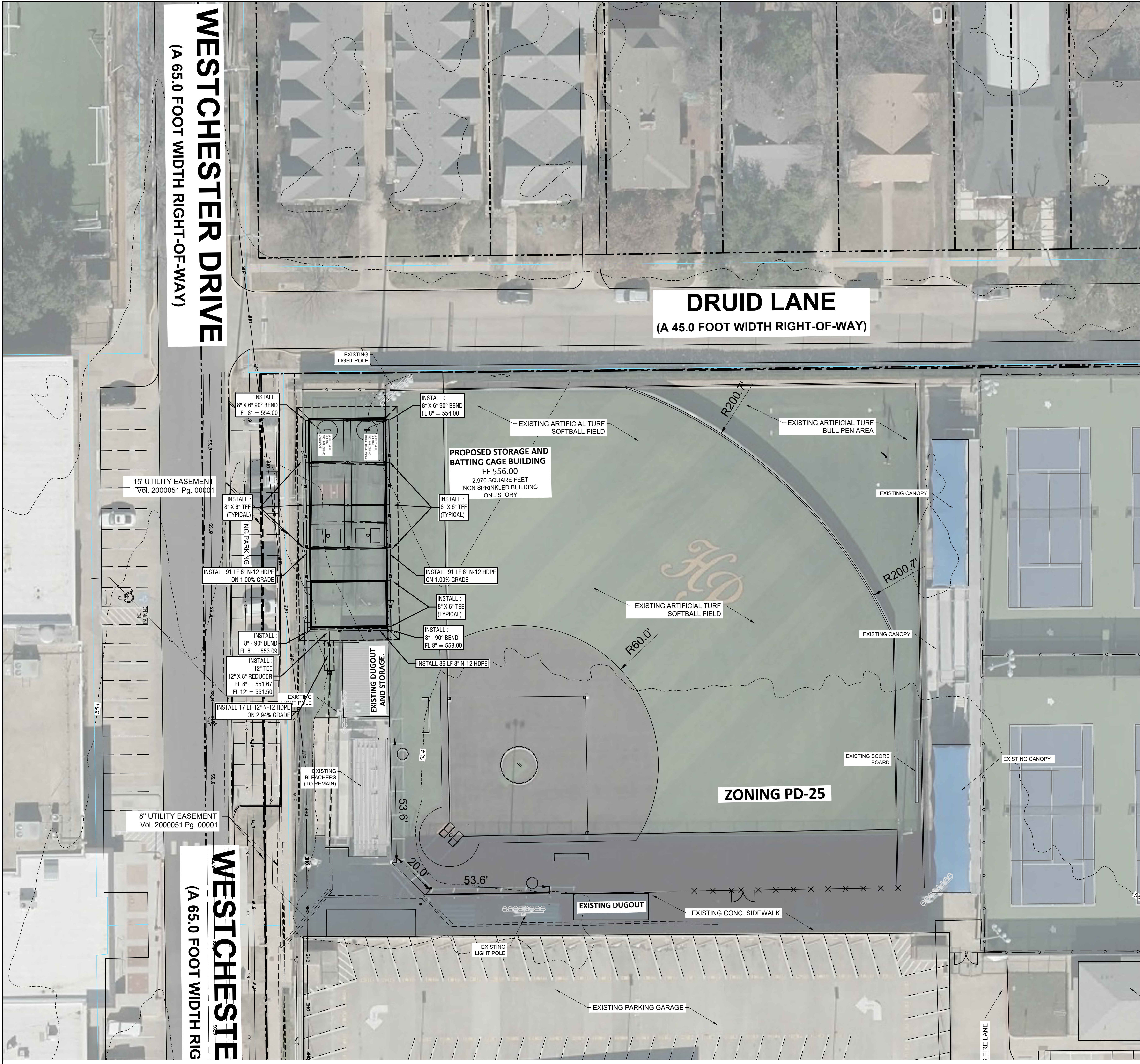
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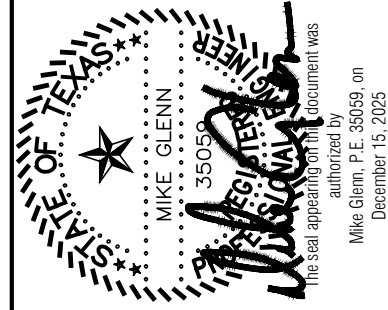
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GENERAL STORM SEWER NOTES

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.



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 DRILLETT
TITLE: EXECUTIVE DIRECTOR OF
CONSTRUCTION SERVICES
PROJECT ADDRESS:
HIGHLAND PARK SOFTBALL FIELD
330 WESTCHESTER DRIVE
DALLAS, TEXAS 75205

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C05.00

SOIL CLASS				
	CLASS IA	CLASS IB	CLASS II	CLASS III
GENERAL RECOMMENDATIONS AND RESTRICTIONS	DO NOTE USE WHERE CONDITIONS MAY CAUSE MIGRATION OF FINES FROM ADJACENT SOIL, AND LOSS OF PIPE SUPPORT. SUIT-ABLE 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. 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 TRENCH BOTTOM AS RESTRICTED ABOVE. DO NOT USE IN THICKNESS GREATER THAN 12 IN. TOTAL. IN-STALL 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. IN-STALL 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. ³ USE HAND TAMPER OR VIBRATORY COMPACTORS.	MINIMUM DENSITY 85 % STD. PROCTOR. ³ USE HAND TAMPER OR VIBRATORY COMPACTORS.	MINIMUM DENSITY 90 % STD. PROCTOR. ³ USE HAND TAMPER 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.

^c THE MINIMUM DENSITIES GIVEN IN THE TABLE ARE INTENDED AS THE COMPACTION REQUIREMENTS FOR OBTAINING SATISFACTORY EMBEDMENT STIFFNESS IN MOST INSTALLATION CONDITIONS

NOMINAL DIAMETER IN. (MM)	MINIMUM COVER IN. (MM)		MAXIMUM FT. (M)
	H-20	E-80	
12 (300)	12 (300)	24 (600)	58 (17.7)
15 (375)	12 (300)	24 (600)	59 (18.0)
18 (450)	12 (300)	24 (600)	62 (18.9)
24 (600)	12 (300)	24 (600)	61 (18.6)
30 (750)	12 (300)	24 (600)	61 (18.6)
36 (900)	12 (300)	24 (600)	61 (18.6)
42 (1050)	12 (300)	24 (600)	61 (18.6)
48 (1200)	12 (300)	24 (600)	61 (18.6)

NTS

NTS



C1

C



CLASS	TYPE	SOIL GROUP SYMBOL D 2487	DESCRIPTION	PERCENTAGE PASSING SIEVE SIZES		
				NO. 10 (# 425)	NO. 40 (# 475)	NO. 200 (# 0.075)
I A	MANUFACTURED AGGREGATES OPEN GRADED, CLEAN	NONE	ANGULAR, CRUSHED STONE OR ROUND, CRUSHED GRAVEL OR OTHER CLASS A MATERIALS, CRUSHED SLAG, CRINDERS OR SHELLS, LARGE W/OUT CONTAIN LITTLE OR NO FINES.	100%	≤ 10%	< 5%
I B	MANUFACTURED, PROCESSED AGGREGATES, DENSE-GRADED, CLEAN	NONE	ANGULAR, CRUSHED STONE (OR OTHER CLASS A MATERIALS) AND STONE/SLAG MIXTURES WITH GRADUATES SELECTED TO MINIMIZE MONOTON OF ADJACENT POLY CONTAIN LITTLE OR NO FINES (SEE X1.A.).	100%	≤ 50%	< 5%
II	COARSE-GRADED SOILS, CLEAN	GW	WELL-GRADED GRAVELS AND GRVEL-SAND MIXTURES, LITTLE OR NO FINES.	100%	< 50% "COARSE FRACTION"	< 5%
		GP	POORLY-GRADED GRAVELS AND GRVEL-SAND MIXTURES, LITTLE OR NO FINES.			
		SW	WELL-GRADED SANDS AND GRVEL-SILT SANDS, LITTLE OR NO FINES.		> 50% "COARSE FRACTION"	
		SP	POORLY-GRADED SANDS AND GRVEL-SANDS, LITTLE OR NO FINES.			
		GM	SANDS AND GRAVELS WHICH ARE BORDERLINE BETWEEN CLEAN AND WITH FINES.	100%	VARIES	5% TO 15%
III	COARSE-GRADED SOILS, BORDERLINE CLEAN TO WITH FINES	GM	SILT GRAVELS, GRAVEL-SAND SILT MIXTURES.	100%	< 50% "COARSE FRACTION"	15% TO 50%
		GC	CLAYEY GRAVELS, GRAVEL-SAND-MIXTURES			
		SM	SILT SANDS, SAND-SILT MIXTURES		> 50% "COARSE FRACTION"	
		SC	CLAYEY SANDS, SAND-CLAY MIXTURES.			
		SO	CLAYEY SANDS, SAND-CLAY MIXTURES.			

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)

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)

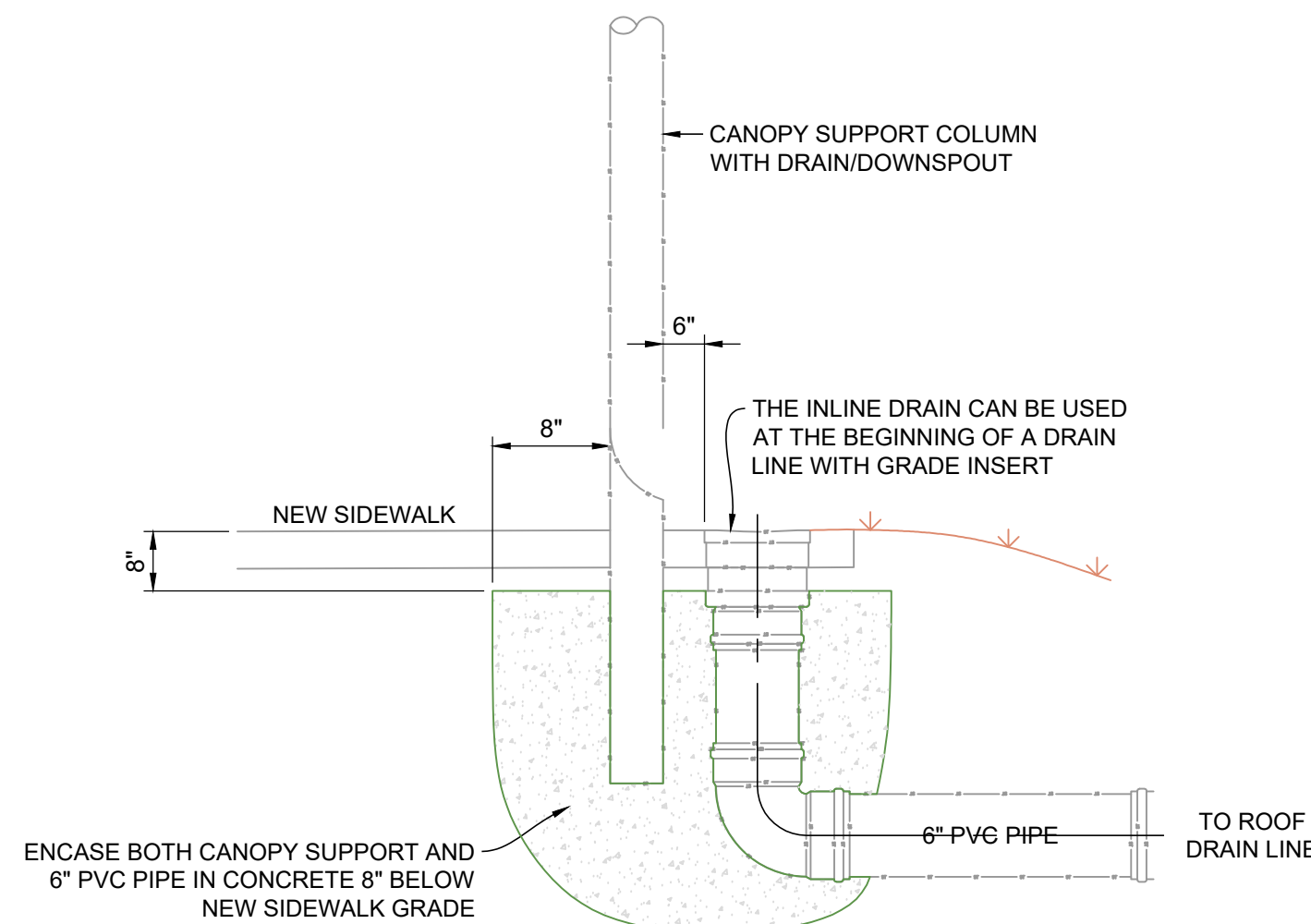


A diagram of a circular concrete pad. The pad is represented by a large circle with a light blue fill and a dark blue outline. Inside this circle is a smaller circle with a light blue fill and a dark blue outline. Within the smaller circle is a central circular feature with a light blue fill and a dark blue outline. This central feature is divided into several horizontal segments by dark blue lines. The overall shape is a circle with a diameter of 3'-0" (3 feet 0 inches), as indicated by the dimension line on the left. The central feature has a diameter of 3'-0" (3 feet 0 inches), as indicated by the dimension line at the bottom.

NTS

NTS

-
- Diagram illustrating the dimensions and components of the canopy support column with a drain/downspout:
- The column is square, measuring 18" wide by 18" high.
 - A circular drain is centered on the front face of the column.
 - The drain is labeled "FLOW" with an arrow indicating the direction of water flow.
 - The column is labeled "CANOPY SUPPORT COLUMN WITH DRAIN/DOWNSPOUT".
 - The area to the left of the column is labeled "NEW SIDEWALK".



C3

00

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



HIGHLAND PARK (SD) - ADMIN
OFFICE
707015 WESTCHESTER DRIVE
DALLAS, TEXAS 75205
ATTN: SCOTT DRILLETT
TITLE: EXECUTIVE DIRECTOR OF
CONSTRUCTION SERVICES

PROJECT ADDRESS:
HIGHLAND PARK SOFTBALL FIELD
3330 WENDCHESTER DRIVE
DALLAS, TEXAS 75205

[illegible]

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

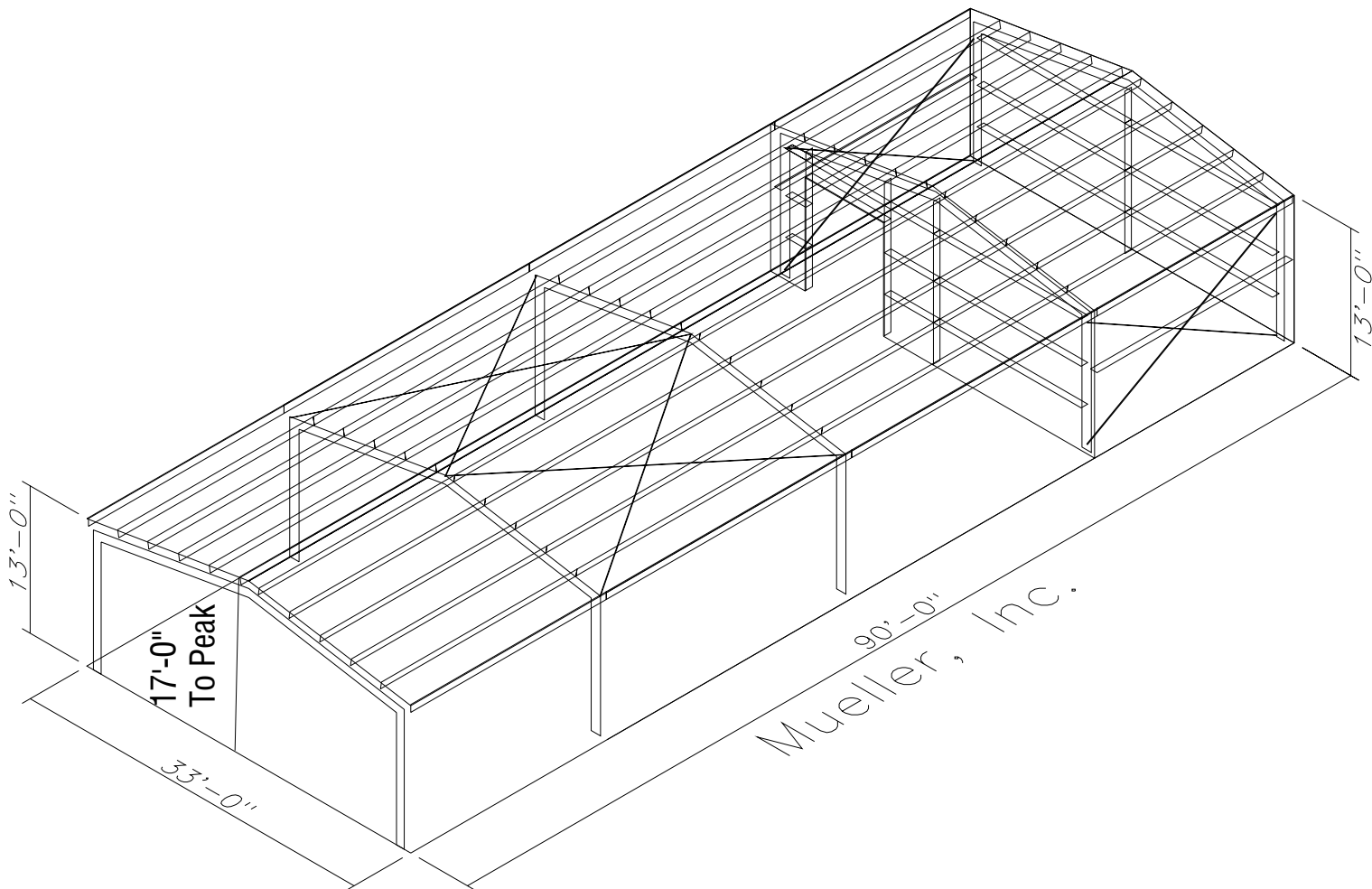
**** All accessories need to be applied to the base price as shown on the pricing page. ****

	<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. NO 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 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 D1.1
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 FILLER 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 ENJEANINGS 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	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 ON 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. D1.1 & D1.3 CODES. LOADS ARE APPLIED IN ACCORDANCE WITH THE M.B.M.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: 5,000 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

$V_{ac} = 82.88$ MPH

SEISMIC LOADS

$I_s = 1.00$

SEISMIC DESIGN CATEGORY: B

$S_s = 0.0992$ $S_{ms} = 0.1056$

SITE CLASS: d

$S_1 = 0.0544$ $S_{m1} = 0.0864$

ANALYSIS PROCEDURE: Equivalent Lateral Force Method

BUILDING-SPECIFIC LOADING INFORMATION

BLDG	Collateral Load (psf)	SNOW C_t	C_s	P_3 (psf)	WIND Enclosure	GCN	R	SEISMIC C_s	V (kips)
1	1.00	1.00	1.0000	5.00	Partially Enclosed	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 CONJUNCTION 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
0R1	0TOC PAGE1	0TOC DESCRIPTION1
0R2	0TOC PAGE2	0TOC DESCRIPTION2
0R3	0TOC PAGE3	0TOC DESCRIPTION3
0R4	0TOC PAGE4	0TOC DESCRIPTION4
0R5	0TOC PAGE5	0TOC DESCRIPTION5
0R6	0TOC PAGE6	0TOC DESCRIPTION6
0R7	0TOC PAGE7	0TOC DESCRIPTION7
0R8	0TOC PAGE8	0TOC DESCRIPTION8
0R9	0TOC PAGE9	0TOC DESCRIPTION9
0R10	0TOC PAGE10	0TOC DESCRIPTION10
0R11	0TOC PAGE11	0TOC DESCRIPTION11
0R12	0TOC PAGE12	0TOC DESCRIPTION12
0R13	0TOC PAGE13	0TOC DESCRIPTION13
0R14	0TOC PAGE14	0TOC DESCRIPTION14
0R15	0TOC PAGE15	0TOC DESCRIPTION15
0R16	0TOC PAGE16	0TOC DESCRIPTION16
0R17	0TOC PAGE17	0TOC DESCRIPTION17
0R18	0TOC PAGE18	0TOC DESCRIPTION18
0R19	0TOC PAGE19	0TOC DESCRIPTION19
0R20	0TOC PAGE20	0TOC DESCRIPTION20
0R21	0TOC PAGE21	0TOC DESCRIPTION21
0R22	0TOC PAGE22	0TOC DESCRIPTION22
0R23	0TOC PAGE23	0TOC DESCRIPTION23
0R24	0TOC PAGE24	0TOC DESCRIPTION24
0R25	0TOC PAGE25	0TOC DESCRIPTION25

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

1 01/01/2014 For Construction
0 01/01/2014 For Approval

REV DATE DESCRIPTION

MUELLER, INC.
STEEL BUILDING SYSTEMS & COMPONENTS
1913 Highlands Ave., Bullinger, TX 78621
(800) 527-1087

DRAWING DESCRIPTION: 1913 Highlands Ave., Bullinger, TX 78621
SHEET: 1913 Highlands Ave., Bullinger, TX 78621
PROJECT: 1913 Highlands Ave., Bullinger, TX 78621
DATE: 3/7/25

ROOF SLOPE: 2.0:12
WIND: 107 MPH
PROJECT ADDRESS: 2
highlandparkcover

16'-6 1/2"
(30)



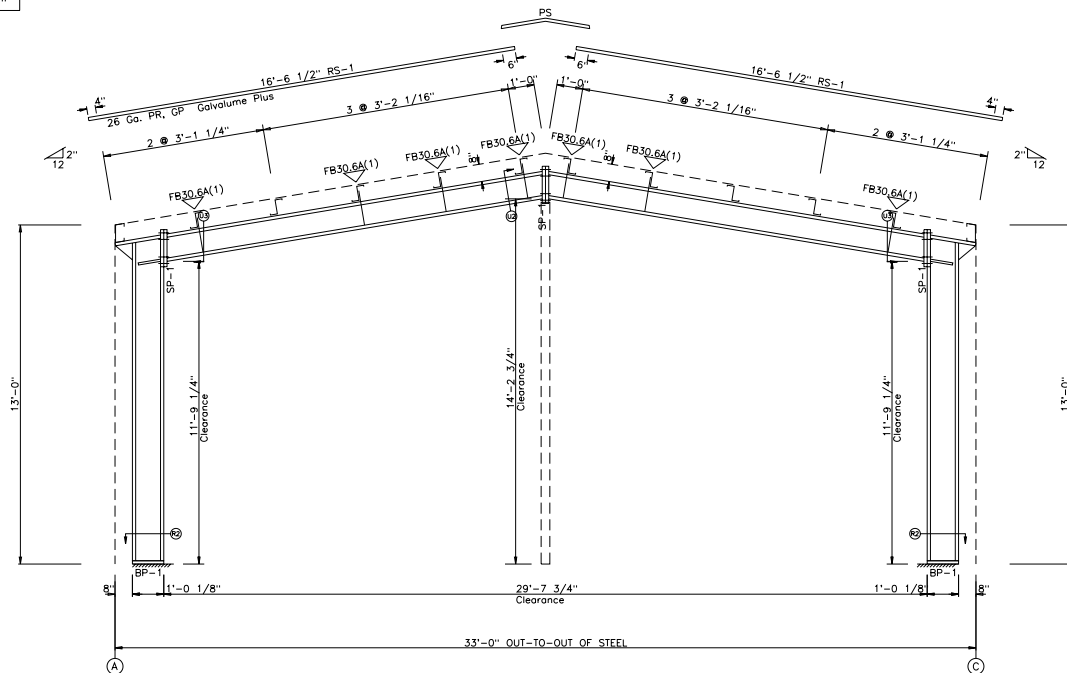
ROOF SHEETING
PANELS: 26 Ga. PBR
GP Galvalume Plus

 MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS			
1913 Hutchins Ave. Boltinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)			
DESCRIPTION	ROOF FRAMING	#File	
SIZE	33'-0" x 90'-0" x 13'-0"	ROOF SLOPE 2:12	
Required			
LOCATION	Project Address 2		
DRN BY Detailer	CKD BY 3/4/25	DATE 5/1/25	SCALE NONE
SALESMAN Dalton Cummings		JOB NO. highlandparkc	
SHEET NO.		SHEET NO. 2 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 9	

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)

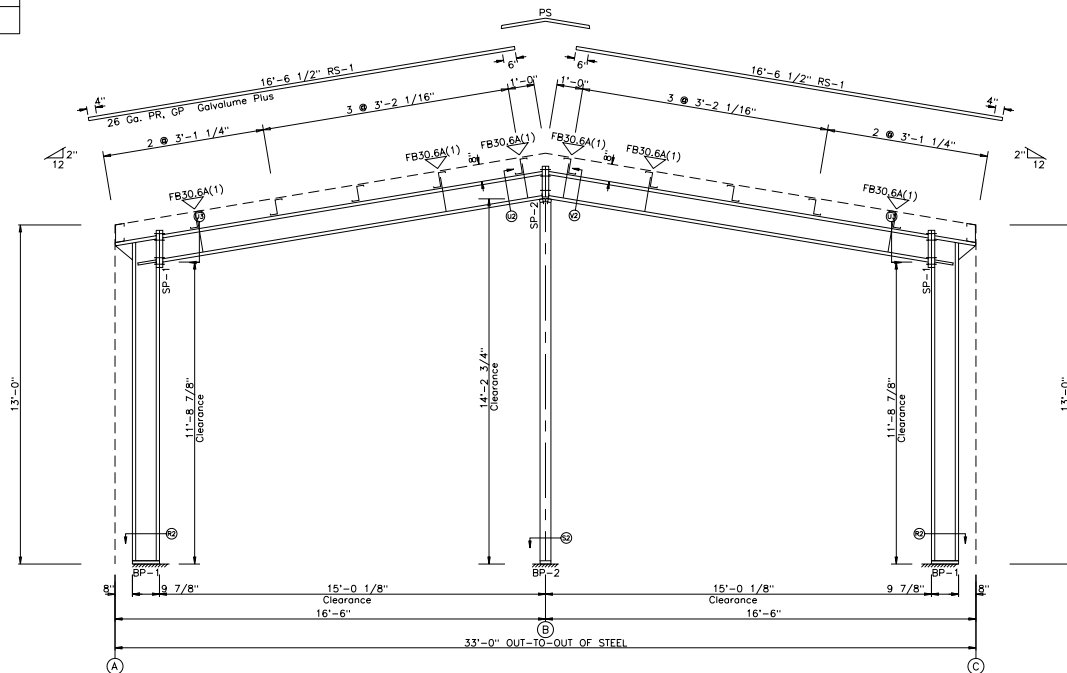
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION RIGID FRAME ELEVATION #File							
SIZE 33'-0" x 90'-0" x 13'-0" ROOF SLOPE 2:0.12							
CUSTOMER Required							
LOCATION Project Address 2							
DWG. BY	CHK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	00000000	0R

SPlice PLATE & BOLT TABLE											CAP PLATE BOLTS				
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	0	A325	0.750	2.50	6"	1/2"	1'-4"					
SP-2	4	2	0	0	A325	0.750	2.50	6"	1/2"	1'-1"		4	A325	0.625	2.00

BASE PLATE TABLE

Col	Plate Size		
Mark	Width	Thick	Length
BP-1	6"	1/2"	10 1/2"
BP-2	6"	1/2"	8"

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

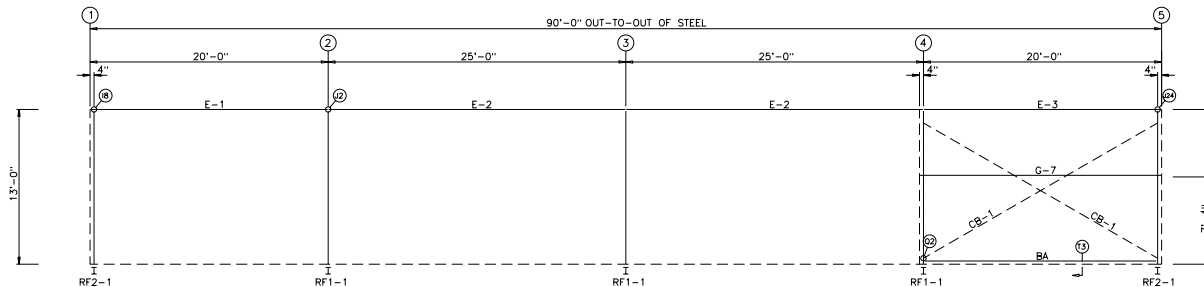


RIGID FRAME ELEVATION: FRAME LINE 1 5

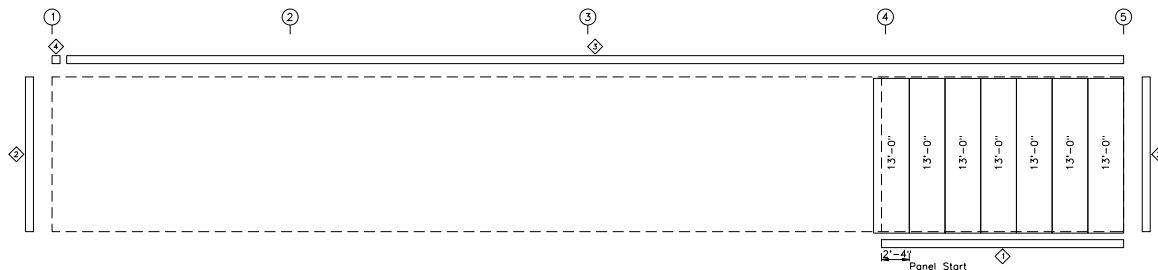
** THIS ENDWALL FRAME IS NOT EXPANDABLE **
 (Will be verified during renumbering)

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			
DRN BY		OK'D BY		DATE		SCALE		SALESMAN	
Detailer				3/ 4/25		NONE		Dolton Cummings	
JOB NO.						highlandparkcy		SHEET NO. 00000000	
REV.						0R			

TRIM TABLE		
FRAME LINE C		
ID	PART	DETAIL
1	#0330	Rose
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****

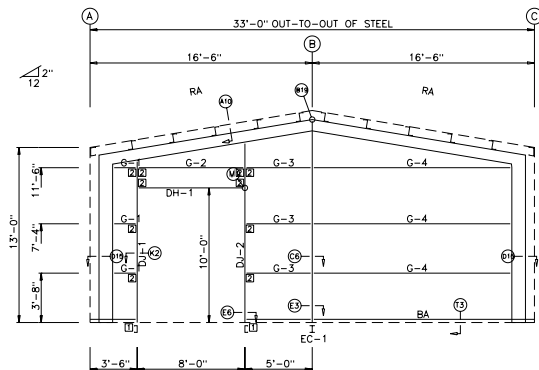
UP TO 6 FDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE SIDEWALL PANELS.

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					
DRN. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcyber	0000000	0R

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

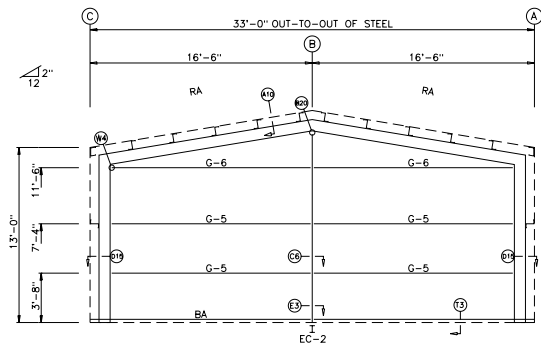
TRIM TABLE		
FRAME LINE 4		
ID	PART	DETAIL
1	#0350	Base
2	#0160	Corner
3	#1500	Transition
4	#0940	Peak Box
5	#0350	Jamb End
6	#0300	Header

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

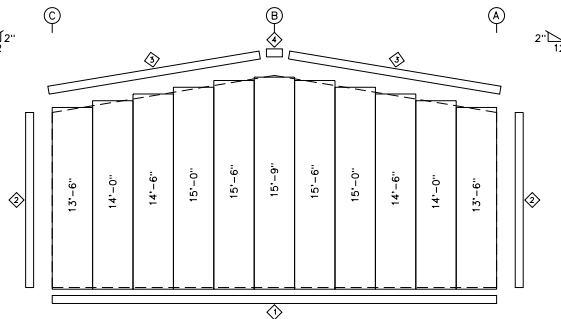


BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	2'

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:

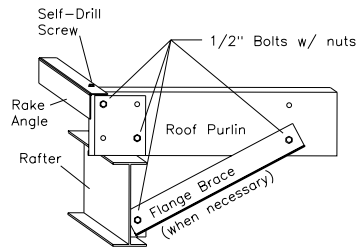
ROOF SLOPES GREATER THAN 1:12 REQUIRE ENDWALL PANELS BE FIELD CUT TO MATCH ROOF SLOPE.

****CAUTION****

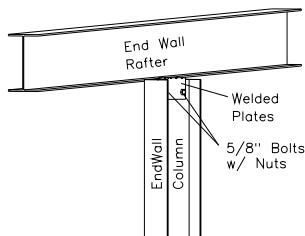
UP TO 60% ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE ENDWALL PANELS.

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

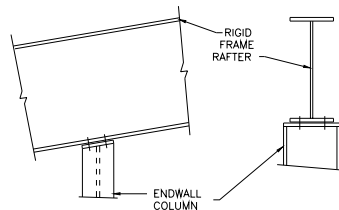
MUELLER, INC.					
STEEL BUILDING SYSTEMS & COMPONENTS					
1913 Hutchins Ave.		Ballinger, TX 76821			
(800) 527-1087		(325) 365-8103 (Fax)			
DESCRIPTION				#File	
ENDWALL FRAMING					
SIZE		33'-0" x 90'-0" x 13'-0"		ROOF SLOPE 2.0:12	
CUSTOMER		Required			
LOCATION		Project Address 2			
DWG. BY	OK'D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



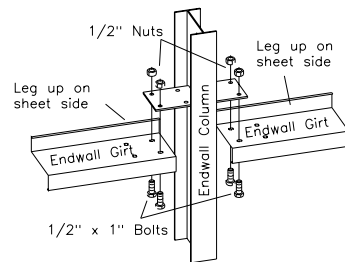
(A10) SECTION THRU RIGID FRAME RAFTER



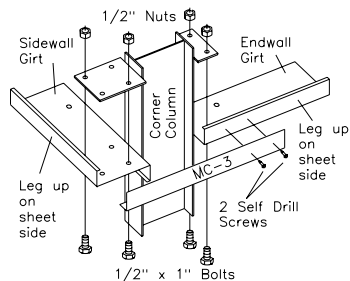
(B19) ENDWALL RAFTER TO COLUMN



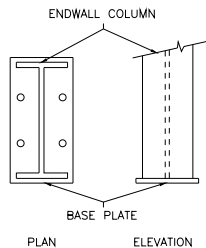
(B20) RIGID FRAME RAFTER TO ENDWALL COLUMN



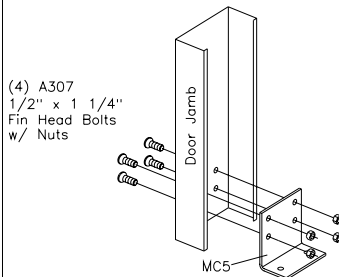
(C6) ENDWALL COLUMN TO WALL GIRT



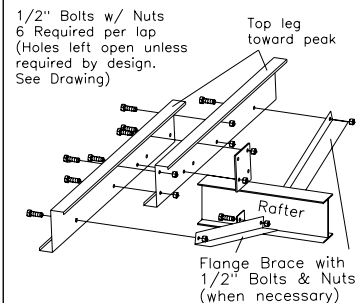
(D15) CORNER COLUMN TO WALL GIRT



(E3) BASE PLATE FOR ENDWALL COLUMN

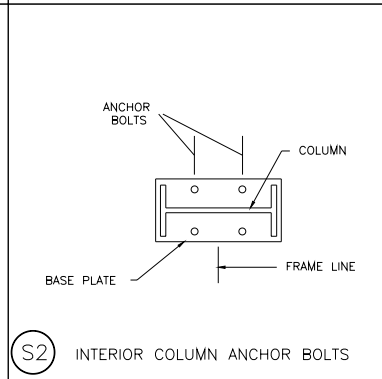
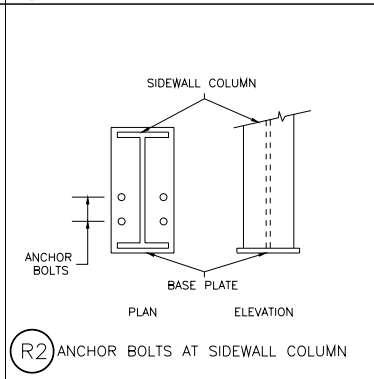
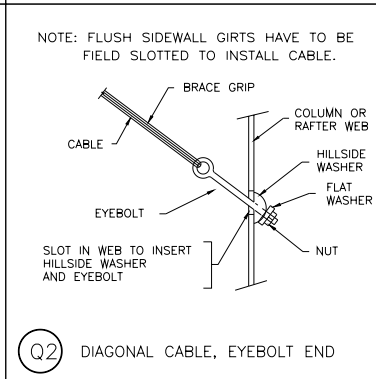
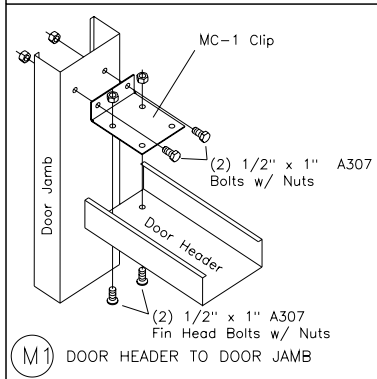
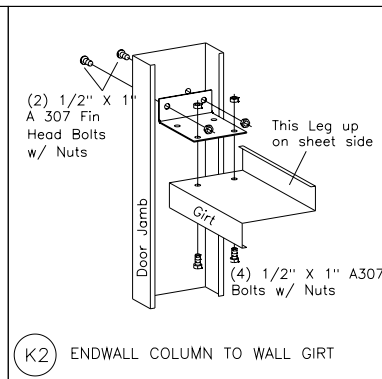
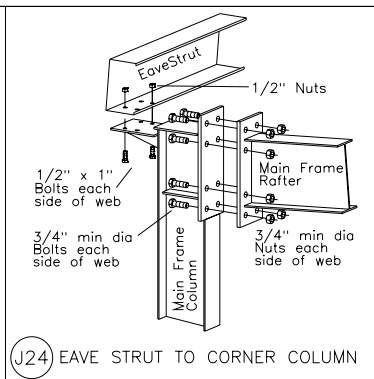
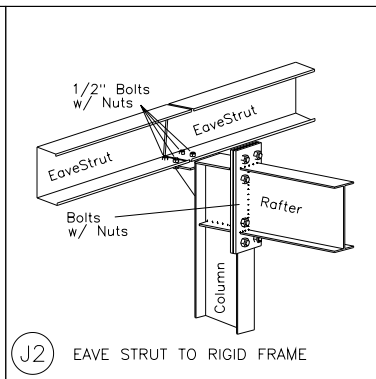
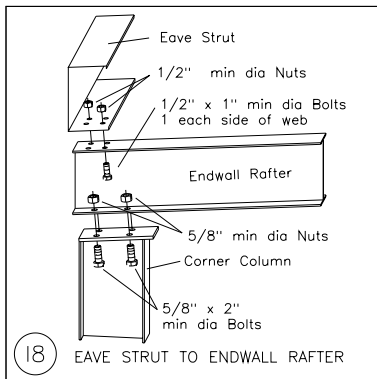


(E6) BASE PLATE FOR DOOR JAMB



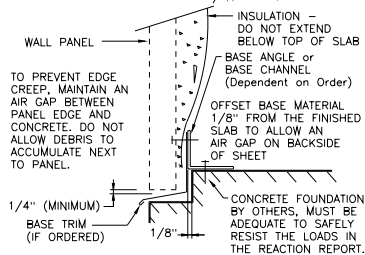
(G2) ROOF PURLIN TO INTERIOR FRAME RAFTER

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					
DWG. BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.	
Detailer	3/ 4/25	NONE	Dalton Cummings	highlandparkcyver	000000	0R	



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							
DWG. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.		
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	000000	0R		

REQUIRED TO PREVENT EDGE CREEP/WICKING

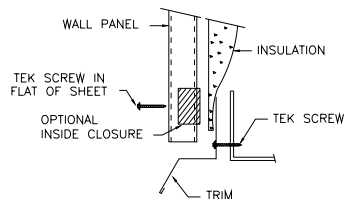


SHEETS ARE NOT TO TOUCH CONCRETE

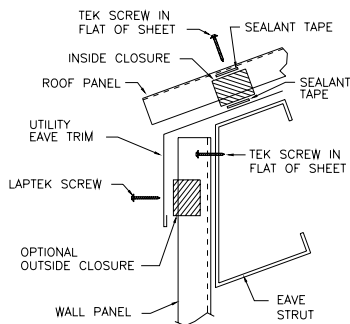
T3 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION

NOTE:

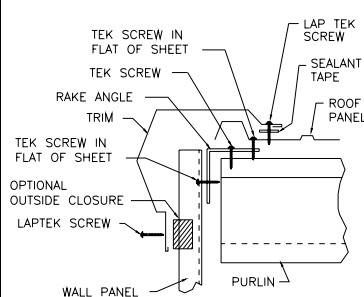
- If insulation is used, do not extend below bottom of Base Material.
- If insulation is used, Closures and Sealant are not used.



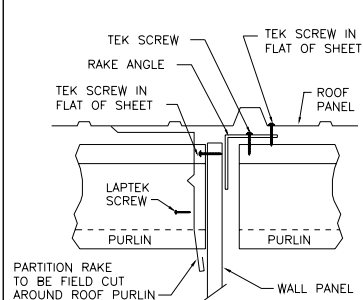
Base



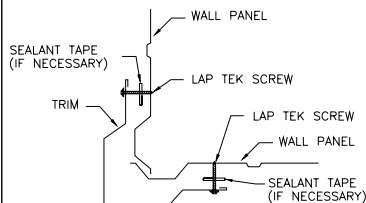
Eave



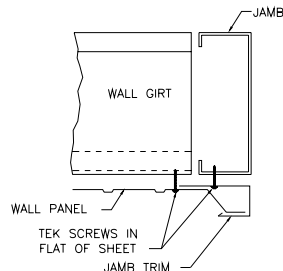
Rake



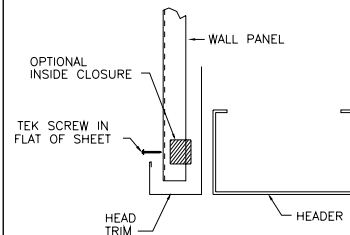
Partition Rake



Outside Corner



Jamb



Head - Door

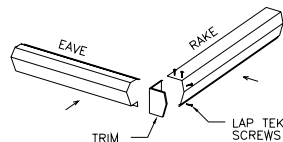
MUELLER, INC.

STEEL BUILDING SYSTEMS & COMPONENTS

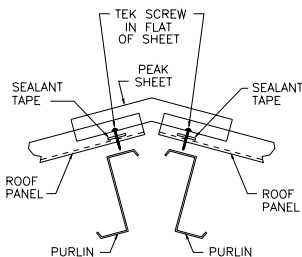
1913 Hutchins Ave. Ballinger, TX 76821
(800) 527-1087 (325) 365-8103 (Fax)



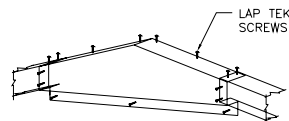
DESCRIPTION	DETAIL DRAWINGS	#File
SIZE	33'-0" x 90'-0" x 13'-0"	ROOF SLOPE 2.0:12
CUSTOMER	Required	
LOCATION	Project Address 2	
DWG. BY	DATE	SCALE
Detailer	3/ 4/25	NONE
SALESMAN	Job NO.	SHEET NO.
Dalton Cummings	highlandparkcy	00000000
REV.		0R



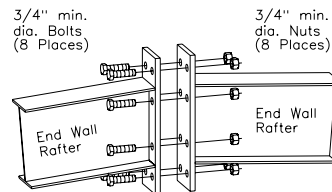
Rake End Cap



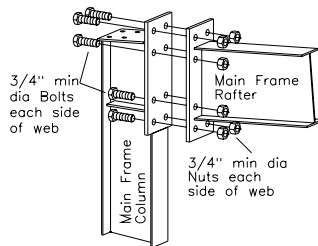
Peak Sheet



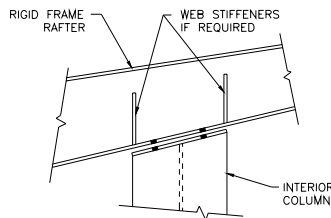
Peak Box



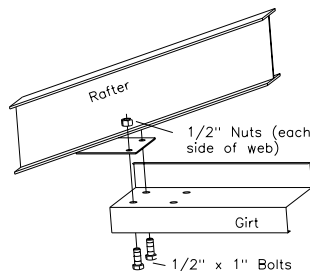
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



U3 BOLTS FOR RAFTER TO COLUMN CONNECTION

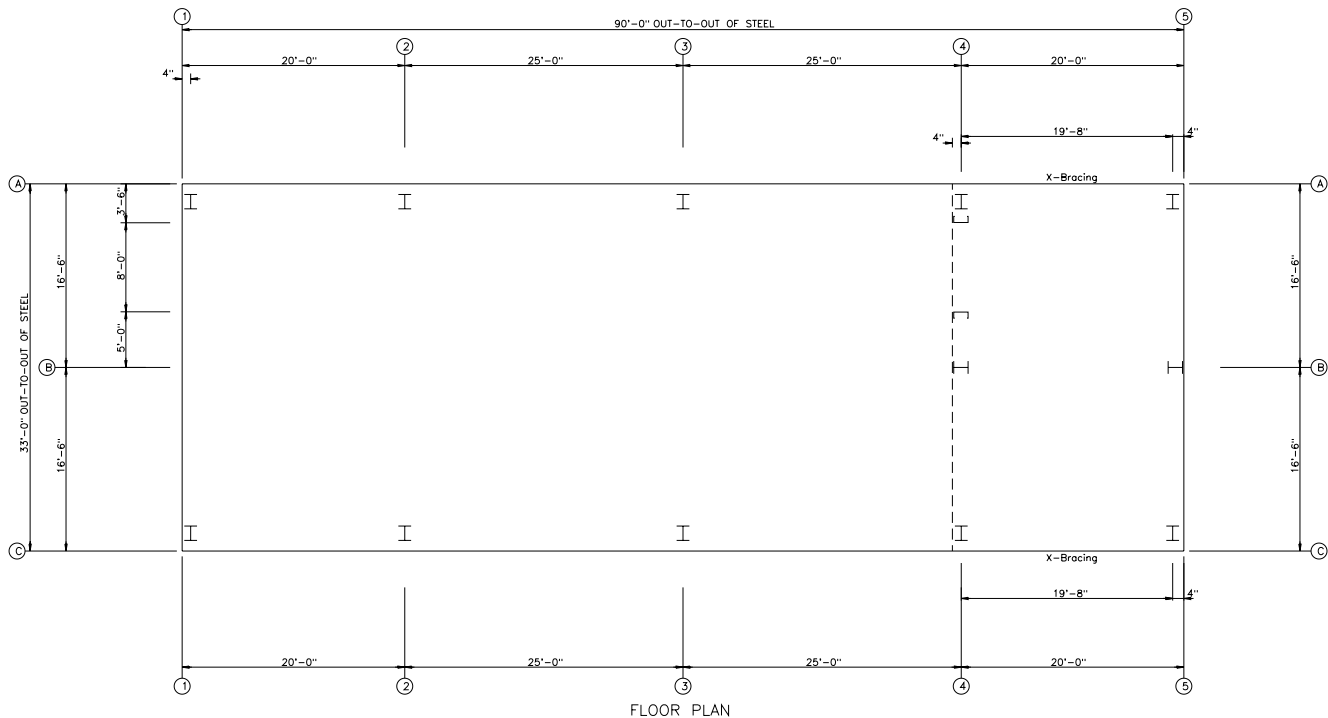


V2 INTERIOR COLUMN TO RAFTER



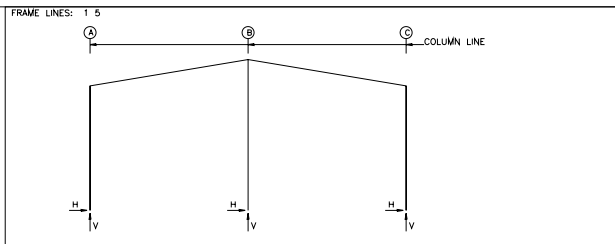
W4 SECTION OF ENDWALL GIRTS TO RAFTER

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					
DWG. BY	CHKD BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	0000000	0R



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							
DWN BY Detailer	OK'D BY	DATE 3/ 4/25	SCALE NONE	SALESMAN Dalton Cummings	JOB NO. highlandparkover	SHEET NO. 000000	REV. 0R



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES												
Frm Line	Col	Load H	Column Reactions (k)				V _{max}	Base Plate (in) Width	Base Plate (in) Length	Thick	Gout (in)	
			Load V _{max}	Load H _{min}	Load V _{min}	Load H _{max}						
1*	A	3	1.0	-0.4	1.0	-1.2	4	0.750	6.000	10.50	0.500	
1*	C	6	0.3	2.0	1.2	0.6	-1.9	4	0.750	6.000	10.50	0.500
1*	B	9	0.0	1.2	0.0	-1.9	-1.9	4	0.750	6.000	8.000	0.500
1		1	0.0	-1.2	9	0.0	-1.5	4	0.750	6.000	8.000	0.500
1* Frame lines: 1 5												

ENDWALL COLUMN:			BASIC COLUMN REACTIONS (k)		
Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Vert
4	R	0.1	-3.0	3.3	0.0

LOAD COMBINATIONS

DESCRIPTION		ANCHOR BOLT REACTIONS		#File	
SIZE		33'-0" x 90'-0" x 13'-0"		ROOF SLOPE 2.0:12	
CUSTOMER		Required			
LOCATION		Project Address 2			
DRAWN BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.
Detolter		3 / 4/25	NONE	Dalton Cummins	hishondorkovec
					SHEET NO. 00000000
					REV. 0R

BUILDING BRACING REACTIONS									
Loc	Wall Line	Col Line	Reactions(k)				Panel Shear (lb/ft)		Notes
			Horz	Vert	Seismic Horz	Seismic Vert	Wind	Seis	
LEW	1								(h)
F.S.W	C	4,5	1.9	1.1	1.0	0.6			(h)
R.E.W	5								
B.S.W	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: Required
Cust. No: _____
Mail Address: Client Address 1
City, State, Zip: , 77459
Contact: Contact
Day Phone: -
Home Phone: -
Cell Phone: -
Fax: -
Email: troy@kmisportsconstruction.com

End User: _____
Name: _____
Jobsite Address: _____
City, State, Zip: Dallas, TX 75205
County: Dallas
General Contr: _____
Address: _____
City, State, Zip: _____
Customer Type: _____

Building Details

Building Type: ☒ RF ☐ SS ☐ LT
Width: 33.000' Peak Offset: 16.500' Eave Ht: _____
Length: 90.000' Front Side: 13.000' Roof Slope: 2.000 in 12 Girt Type: ByPass
Back Side: 13.000' 2.000 in 12 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: IBC'21
Closed/Open: P
Exposure: C
Importance - Wind: 1.00
Site Class: D
Importance - Seismic: 1.00
Seismic Coefficient: 0.16
Importance - Snow: 1.00

Dead Load: 2.50 psf
Live Load: 20.00 psf
Load Reduction: Yes
Ground Snow: 5.00 psf
Collateral: 1.00 psf
Wind Load: 107.00 mph

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

- ☒ Red oxide
- ☐ Hot-Dipped Galv'd

Purlins, Girts, Eave Struts

- ☒ Red oxide
- ☐ Pre-Galvanized
- ☐ Hot-Dipped Galv'd

Door Framing

- ☒ Red oxide
- ☐ Pre-Galvanized
- ☐ Hot-Dipped Galv'd

Base Angle

- ☒ Red oxide
- ☐ Pre-Galvanized
- ☐ Hot-Dipped Galv'd

End Frames

	Left	Right
Expandable	☐	☐
Non-Exp RF	☒	☒
Std. Endwall	☐	☐
CF Endwall	☐	☐

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

<u>Wall</u>	<u>Bay</u>	<u>Open Width</u>	<u>Header Ht</u>	<u>Sill Ht</u>	<u>Offset</u>
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

<u>Wall</u>	<u>Surface</u>	<u>Length</u>	<u>Soffit</u>
None			

Eave Extensions and Canopies

<u>Wall</u>	<u>Bay St</u>	<u>Bay End</u>	<u>Height</u>	<u>Width</u>	<u>Slope</u>	<u>Soffit</u>
None						

Open walls:

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

Left Endwall:	☐ Yes	☒ No	Right Endwall:	☐ Yes	☒ No
Front Sidewall:	☐ Yes	☒ No	Back Sidewall:	☐ Yes	☒ No

Partial Walls and Wainscot:

<u>Wall</u>	<u>Wainscot</u>	<u>Bay Start</u>	<u>Bay End</u>	<u>Open Height</u>	<u>Base</u>	<u>Full Load</u>
None						

Liner Panel

<u>Location</u>	<u>Start</u>	<u>End</u>	<u>Height</u>
None			

Sheets & Trim

<u>Location</u>	<u>Color</u>	<u>Panel</u>	<u>Gauge</u>	<u>Quality</u>	<u>Trim</u>
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**

<u>Roof</u>	<u>Walls</u>	<u>Soffit</u>
Panel: TEK1.25	Panel: TEK1.25	Panel: --
Lap: LAPTEK	Lap: LAPTEK	Lap: --
Type: Painted	Type: Painted	Type: --

Ridge Covering

- Peak Sheets
- Ridge Roll

Eave Condition

- Front Sidewall

 - Gutter & Downspouts
 - Eave Trim
- Back Sidewall

 - Gutter & Downspouts
 - Eave Trim

Accessories

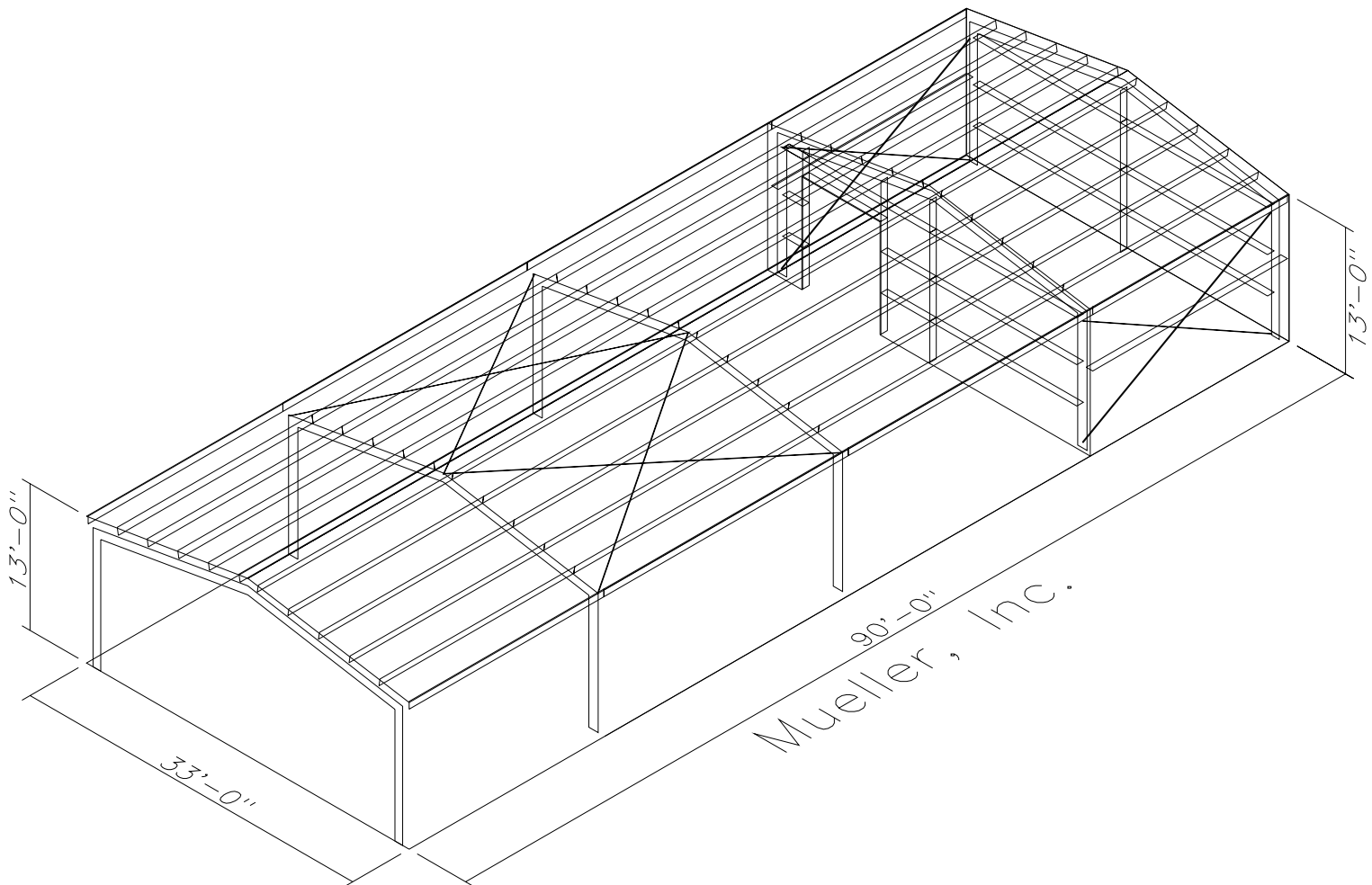
**** All accessories need to be applied to the base price as shown on the pricing page. ****

	<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 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 D1.1
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 FILLER 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 ENJEANINGS 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	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 ON 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. D1.1 & D1.3 CODES. LOADS ARE APPLIED IN ACCORDANCE WITH THE M.B.M.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: 5,000 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

$V_{ac} = 82.88$ MPH

SEISMIC LOADS

$I_s = 1.00$

SEISMIC DESIGN CATEGORY: B

$S_s = 0.0992$ $S_{ms} = 0.1056$

SITE CLASS: d

$S_1 = 0.0544$ $S_{m1} = 0.0864$

ANALYSIS PROCEDURE: Equivalent Lateral Force Method

BUILDING-SPECIFIC LOADING INFORMATION

BLDG	Collateral Load (psf)	SNOW C_t	C_s	P_3 (psf)	WIND Enclosure	GCN	R	SEISMIC C_s	V (kips)
1	1.00	1.00	1.0000	5.00	Partially Enclosed	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 CONJUNCTION 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
0R1	0TOC PAGE1	0TOC DESCRIPTION1
0R2	0TOC PAGE2	0TOC DESCRIPTION2
0R3	0TOC PAGE3	0TOC DESCRIPTION3
0R4	0TOC PAGE4	0TOC DESCRIPTION4
0R5	0TOC PAGE5	0TOC DESCRIPTION5
0R6	0TOC PAGE6	0TOC DESCRIPTION6
0R7	0TOC PAGE7	0TOC DESCRIPTION7
0R8	0TOC PAGE8	0TOC DESCRIPTION8
0R9	0TOC PAGE9	0TOC DESCRIPTION9
0R10	0TOC PAGE10	0TOC DESCRIPTION10
0R11	0TOC PAGE11	0TOC DESCRIPTION11
0R12	0TOC PAGE12	0TOC DESCRIPTION12
0R13	0TOC PAGE13	0TOC DESCRIPTION13
0R14	0TOC PAGE14	0TOC DESCRIPTION14
0R15	0TOC PAGE15	0TOC DESCRIPTION15
0R16	0TOC PAGE16	0TOC DESCRIPTION16
0R17	0TOC PAGE17	0TOC DESCRIPTION17
0R18	0TOC PAGE18	0TOC DESCRIPTION18
0R19	0TOC PAGE19	0TOC DESCRIPTION19
0R20	0TOC PAGE20	0TOC DESCRIPTION20
0R21	0TOC PAGE21	0TOC DESCRIPTION21
0R22	0TOC PAGE22	0TOC DESCRIPTION22
0R23	0TOC PAGE23	0TOC DESCRIPTION23
0R24	0TOC PAGE24	0TOC DESCRIPTION24
0R25	0TOC PAGE25	0TOC DESCRIPTION25

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

1	01/01/2014	For Construction
0	01/01/2014	For Approval

REV DATE DESCRIPTION

MUELLER, INC.
STEEL BUILDING SYSTEMS & COMPONENTS
1913 Highlands Ave., Bullinger, TX 76821
(800) 527-1087

DRAWING DESCRIPTION: Roof Sheeting
SHEET: 20:12
CUSTOMER: Highland Park Cover
Required: 3/4/25
CHECKED: 3/4/25
DATE: 3/4/25
DETAILER: 3/4/25

BUILDING DESCRIPTION: Roof Sheeting
SHEET: 20:12
CUSTOMER: Highland Park Cover
Required: 3/4/25
CHECKED: 3/4/25
DATE: 3/4/25
DETAILER: 3/4/25



1913 Highlands Ave., Bullinger, TX 76821

16'-6 1/2"
(30)



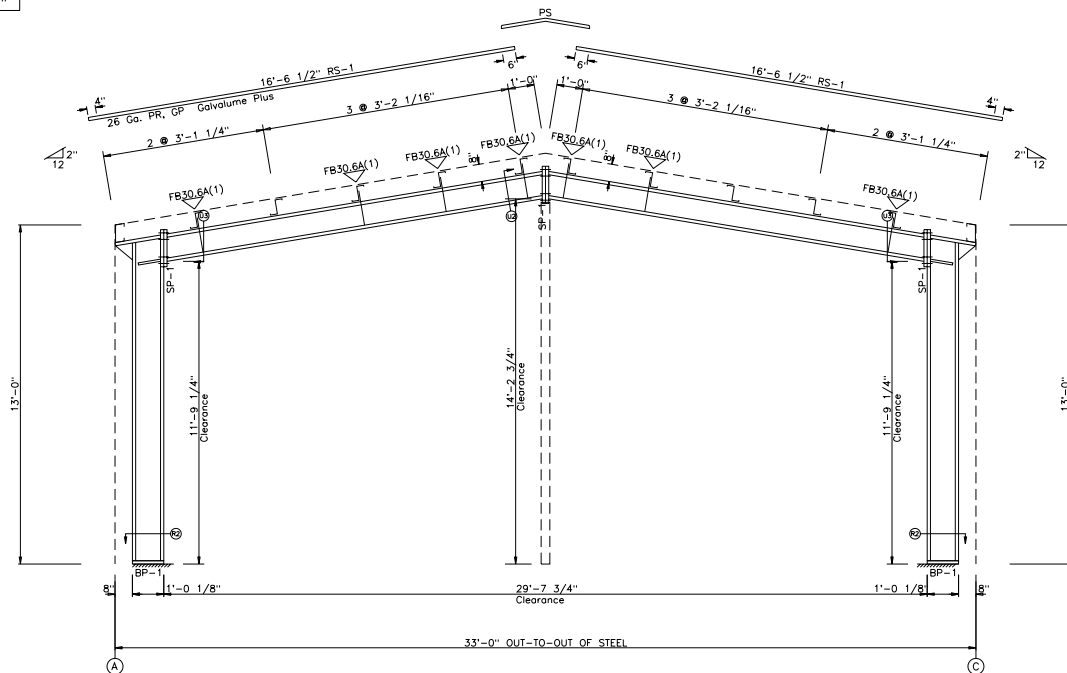
ROOF SHEETING
PANELS: 26 Ga. PBR
GP Galvalume Plus

 MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS			
1913 Hutchins Ave. Boltinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)			
DESCRIPTION	ROOF FRAMING	#File	
SIZE	33'-0" x 90'-0" x 13'-0"	ROOF SLOPE 2:12	
REQUIRED	Customer		
LOCATION	Project Address 2		
DRN BY Detailer	CKD BY 3/4/25	DATE 5/1/25	SCALE NONE
SALESMAN Dalton Cummings		JOB NO. highlandparkc	SHEET NO. 000000
		R	

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)

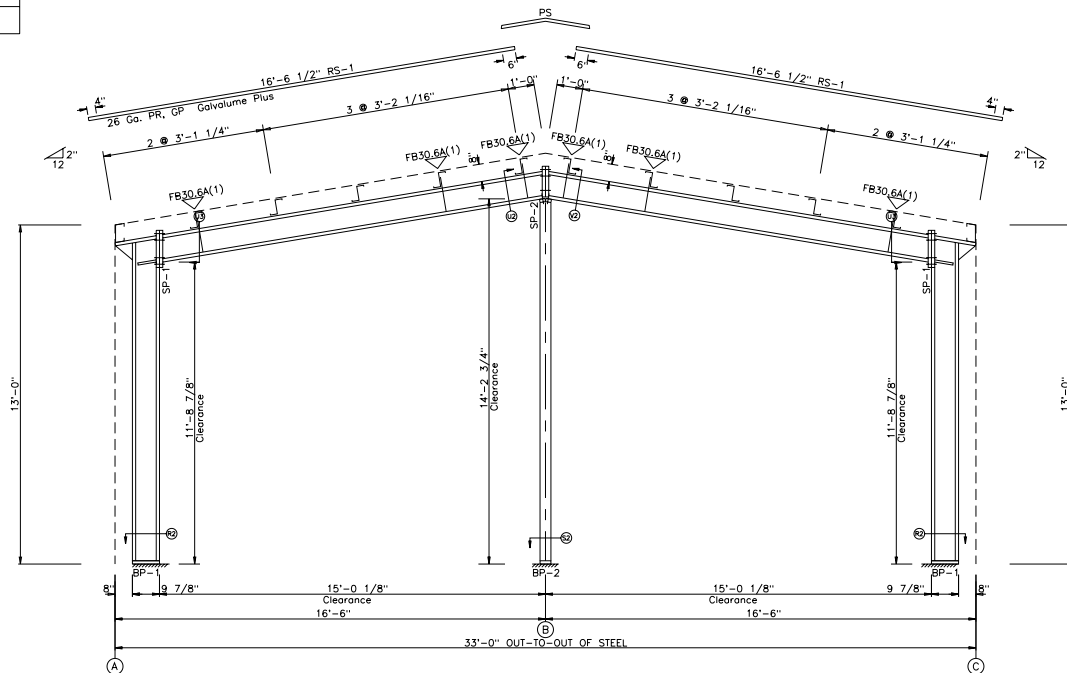
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)							
DESCRIPTION RIGID FRAME ELEVATION #File SIZE 33'-0" x 90'-0" x 13'-0" ROOF SLOPE 2:0.12 CUSTOMER Required LOCATION Project Address 2							
DRN BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	00000000	0R

SPlice PLATE & BOLT TABLE											CAP PLATE BOLTS				
Mark	Qty	Top	Bot	Int	Type	Dia	Length	Width	Thick	Length	Mark	Qty	Type	Dia	Length
SP-1	4	4	0	0	A325	0.750	2.50	6"	1/2"	1'-4"					
SP-2	4	2	0	0	A325	0.750	2.50	6"	1/2"	1'-1"		4	A325	0.625	2.00

BASE PLATE TABLE

Col	Plate Size		
Mark	Width	Thick	Length
BP-1	6"	1/2"	10 1/2"
BP-2	6"	1/2"	8"

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

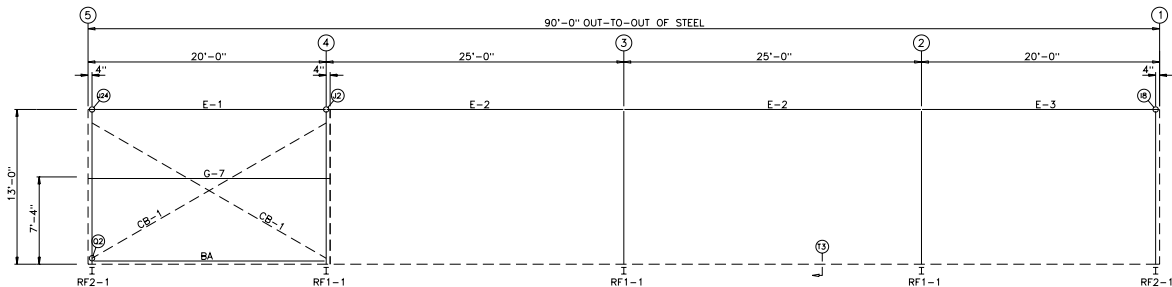


RIGID FRAME ELEVATION: FRAME LINE 1 5

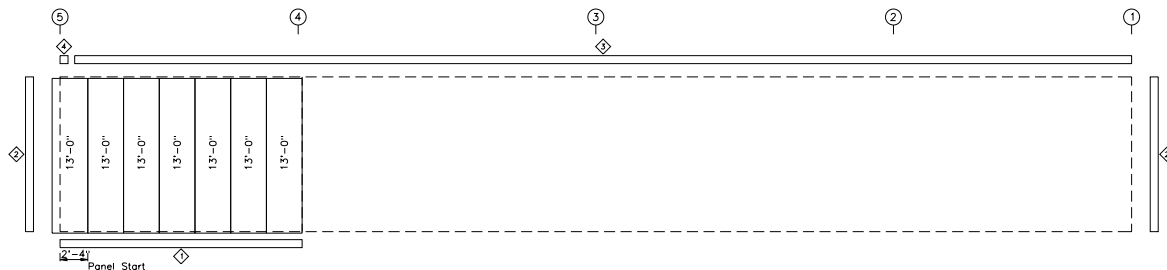
** THIS ENDWALL FRAME IS NOT EXPANDABLE **
 (Will be verified during renumbering)

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		
DWG. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.	
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	00000000	0R	

TRIM TABLE		
FRAME LINE A		
ID	PART	DETAIL
1	#0330	Rose
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

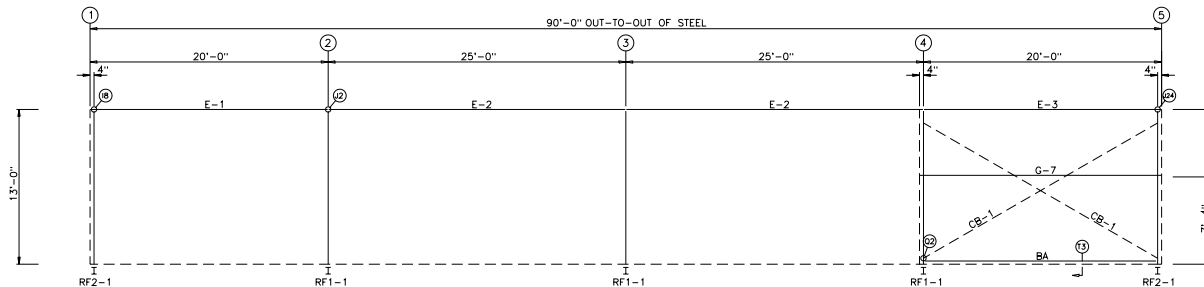
GENERAL NOTES:

****CAUTION****

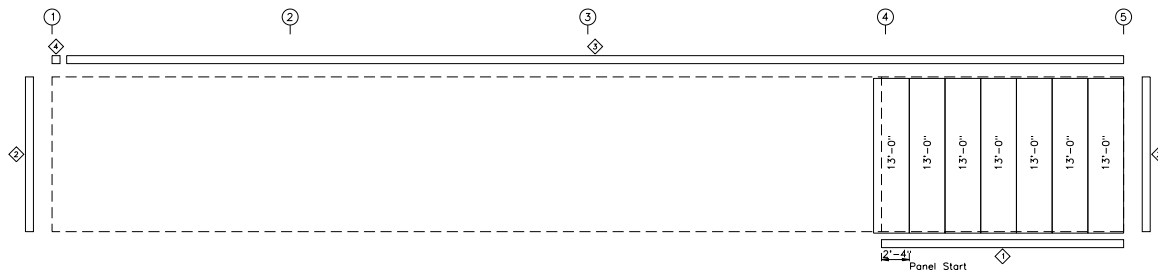
UP TO 8BDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE SIDEWALL PANELS.

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		
DWG. BY	OK'D BY	DATE	SCALE
Detailer		3/ 4/25	NONE
SALESMAN	JOB NO.	SHEET NO.	REV.
Dalton Cummings	highlandparkcyber	00000000	0R

TRIM TABLE		
FRAME LINE C		DETAIL
1	#0330	Rose
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****

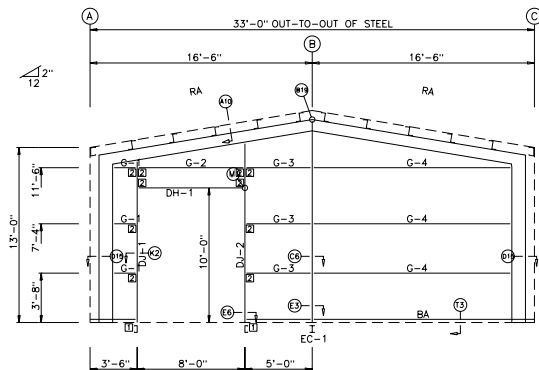
UP TO 6 FDS ADDITIONAL LINEAR FEET (MEASURED HORIZONTALLY) OF PANELS MAY BE REMOVED FOR FIELD LOCATED FRAMED OPENINGS WITHOUT AFFECTING THE DIAPHRAGM STRENGTH OF THE SIDEWALL PANELS.

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					
DRN. BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	0000000	0R

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

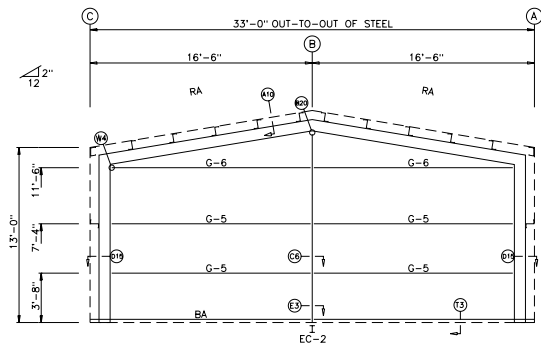
TRIM TABLE		
FRAME LINE 4		
ID	PART	DETAIL
1	#0350	Base
2	#0160	Corner
3	#1500	Transition
4	#0940	Peak Box
5	#0350	Jamb End
6	#0300	Header

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

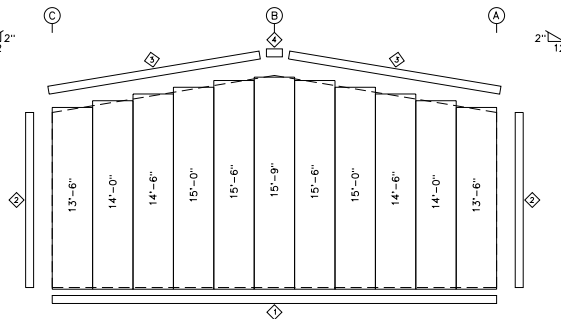


BOLT TABLE				
FRAME LINE 5				
LOCATION	QUAN	TYPE	DIA	LENGTH
Columns/Raf	4	A325	5/8"	2'

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 60% 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.

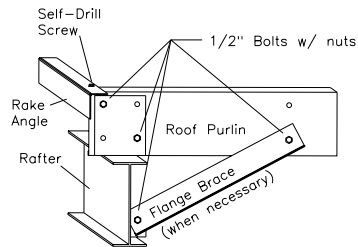
MUELLER, INC.

STEEL BUILDING SYSTEMS & COMPONENTS

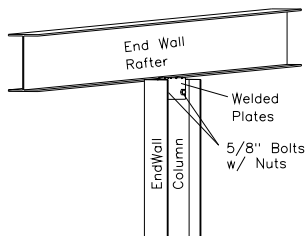
1913 Hutchins Ave. Ballinger, TX 76821
(800) 527-1087 (325) 365-8103 (Fax)



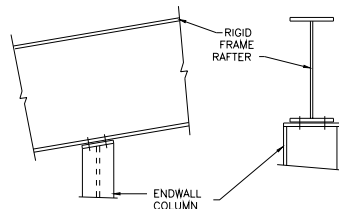
DESCRIPTION		ENDWALL FRAMING		#File
SIZE	33'-0" x 90'-0" x 13'-0"			ROOF SLOPE 2.0:12
CUSTOMER	Required			
LOCATION	Project Address 2			
DWG. BY	OK'D BY	DATE	SCALE	SALESMAN
Detailer		3/ 4/25	NONE	Dalton Cummings
JOB NO.	SHEET NO.	REV.		
highlandparkcy	0000000	0R		



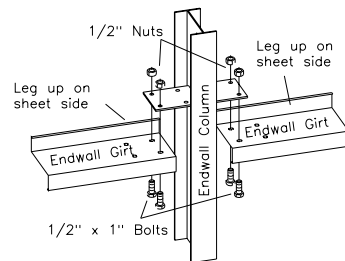
(A10) SECTION THRU RIGID FRAME RAFTER



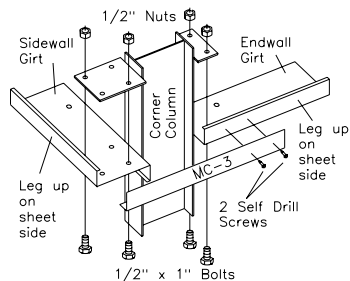
(B19) ENDWALL RAFTER TO COLUMN



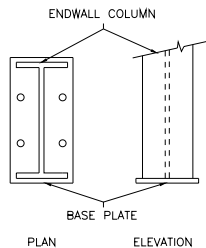
(B20) RIGID FRAME RAFTER TO ENDWALL COLUMN



(C6) ENDWALL COLUMN TO WALL GIRT

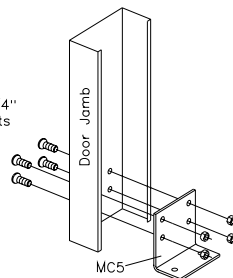


(D15) CORNER COLUMN TO WALL GIRT

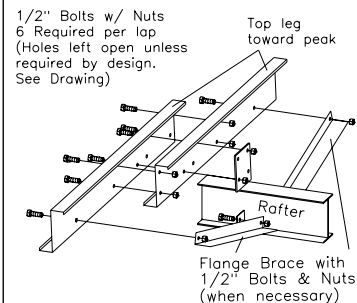


(E3) BASE PLATE FOR ENDWALL COLUMN

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

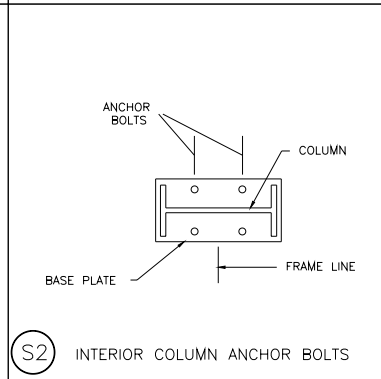
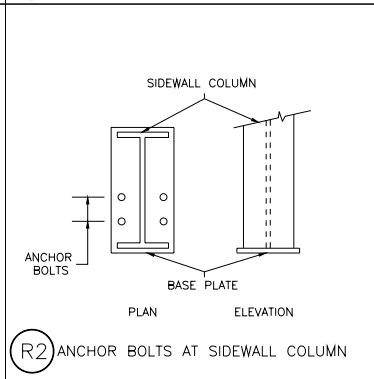
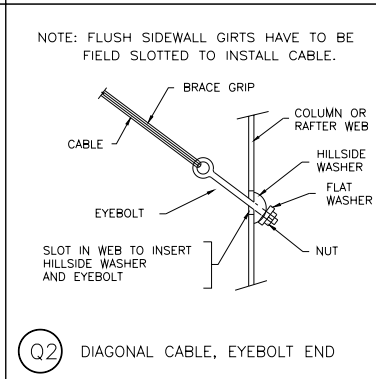
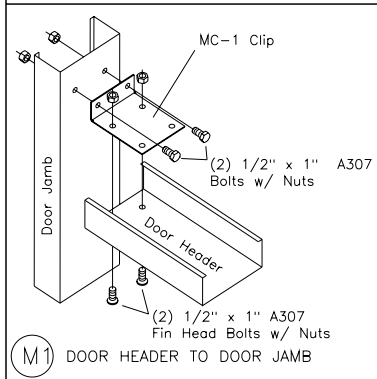
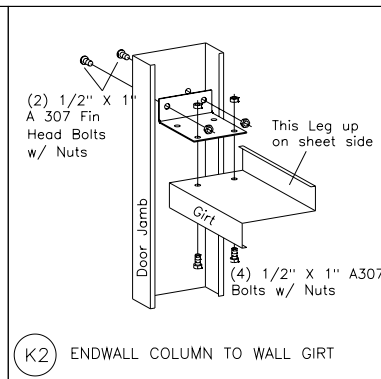
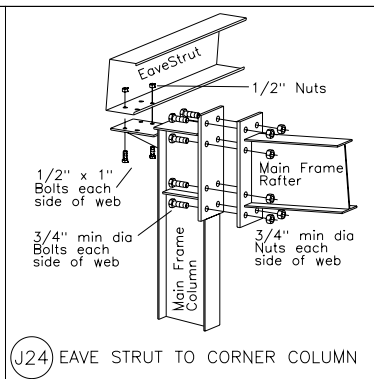
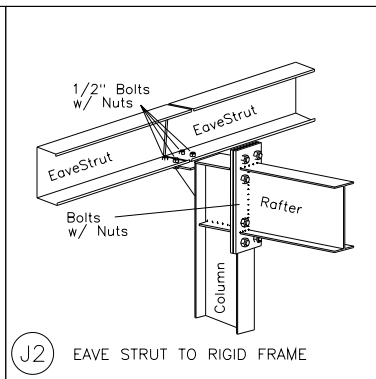
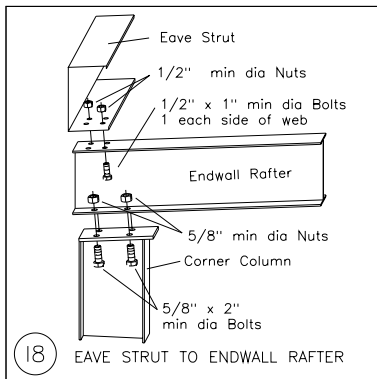


(E6) BASE PLATE FOR DOOR JAMB



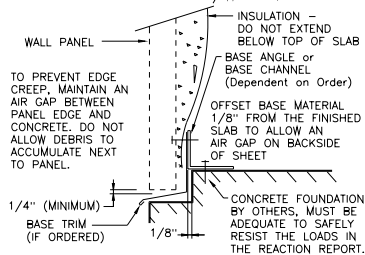
(G2) ROOF PURLIN TO INTERIOR FRAME RAFTER

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					
DWG. BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.	
Detailer	3/ 4/25	NONE	Dalton Cummings	highlandparkcyver	000000	0R	



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					
DWG. BY	CHKD BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	000000	0R

REQUIRED TO PREVENT EDGE CREEP/WICKING

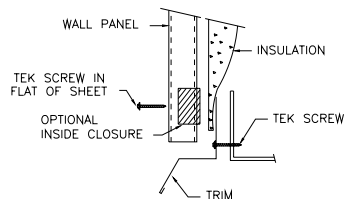


SHEETS ARE NOT TO TOUCH CONCRETE

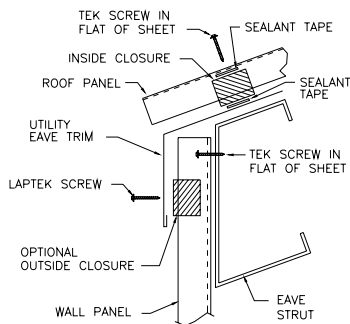
T3 SECTION THRU WALL PANEL AND CONCRETE FOUNDATION

NOTE:

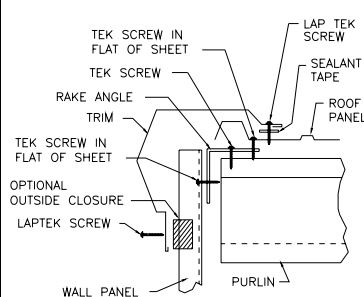
- If insulation is used, do not extend below bottom of Base Material.
- If insulation is used, Closures and Sealant are not used.



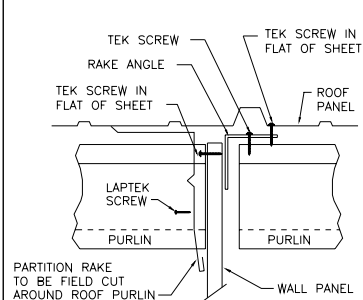
Base



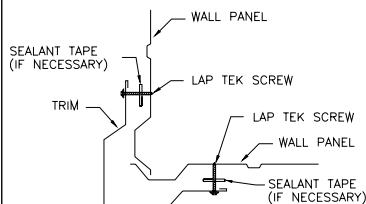
Eave



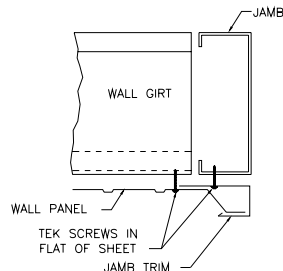
Rake



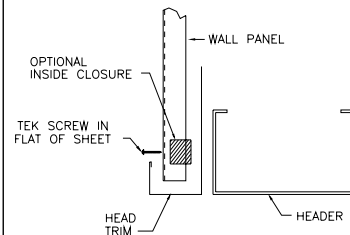
Partition Rake



Outside Corner

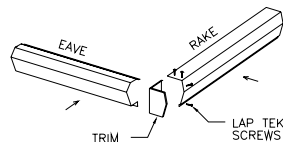


Jamb

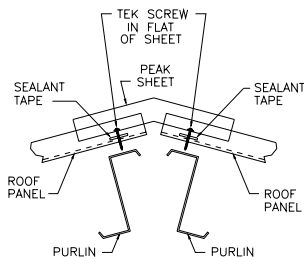


Head - Door

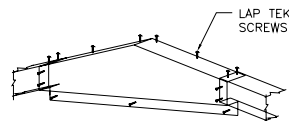
MUELLER, INC. STEEL BUILDING SYSTEMS & COMPONENTS 1913 Hutchins Ave. Ballinger, TX 76821 (800) 527-1087 (325) 365-8103 (Fax)											
DESCRIPTION		DETAIL DRAWINGS						#File			
SIZE		33'-0" x 90'-0" x 13'-0"						ROOF SLOPE 2.0:12			
CUSTOMER		Required									
LOCATION		Project Address 2									
DRN BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.				
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	0000000	0R				



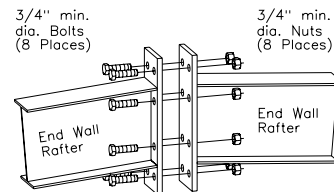
Rake End Cap



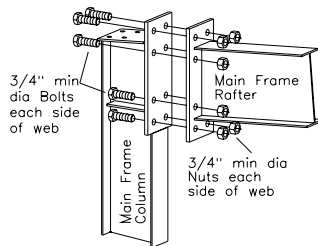
Peak Sheet



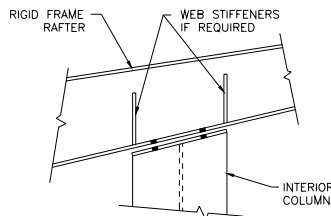
Peak Box



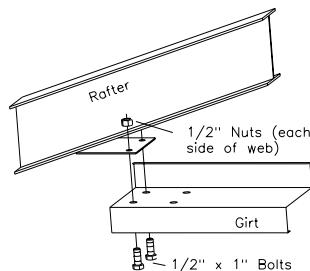
U2 BOLTED END PLATE CONNECTION AT BUILDING PEAK



U3 BOLTS FOR RAFTER TO COLUMN CONNECTION

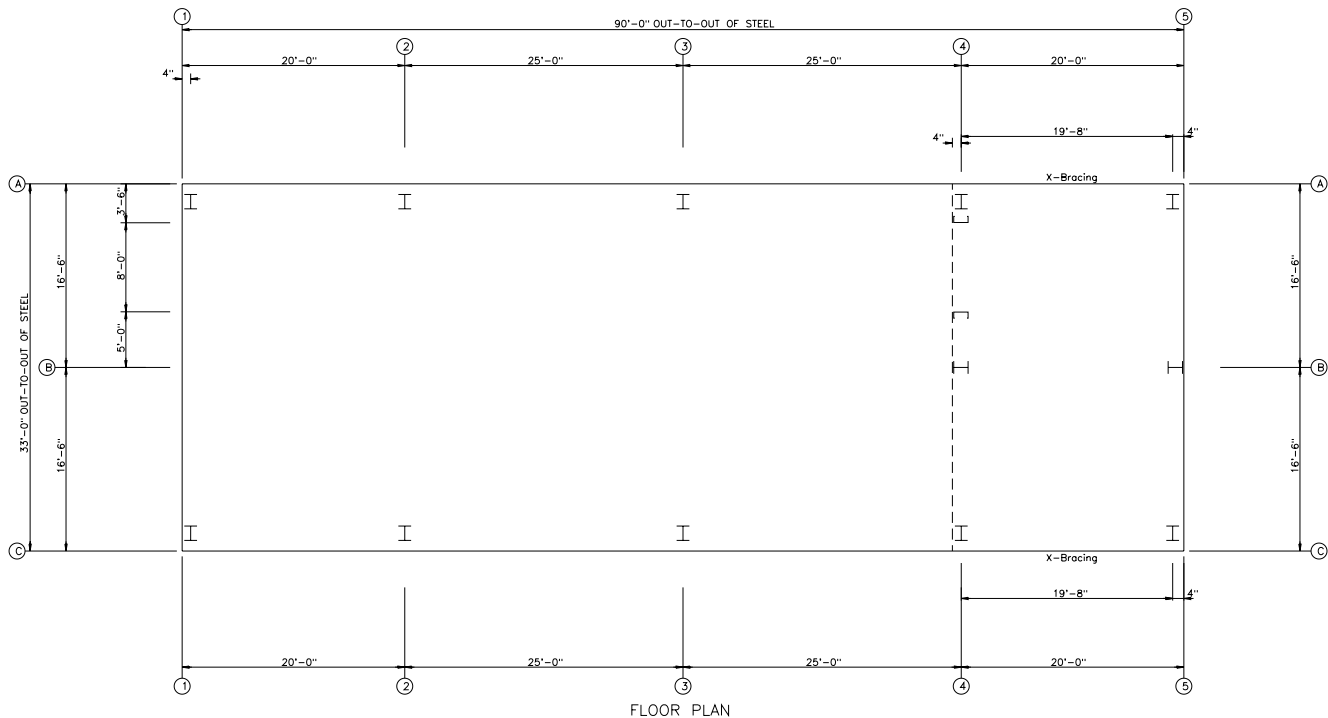


V2 INTERIOR COLUMN TO RAFTER



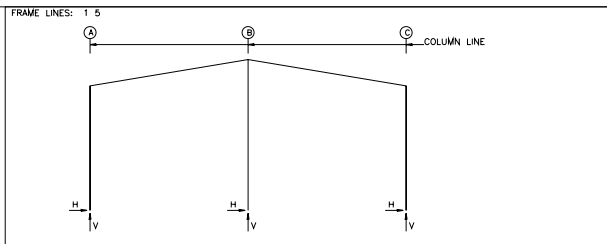
W4 SECTION OF ENDWALL GIRTS TO RAFTER

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					
DWG. BY	CHKD BY	DATE	SCALE	SALESMAN	JOB NO.	SHEET NO.	REV.
Detailer		3/ 4/25	NONE	Dalton Cummings	highlandparkcy	0000000	0R



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							
DWN BY Detailer	OK'D BY	DATE 3/ 4/25	SCALE NONE	SALESMAN Dalton Cummings	JOB NO. highlandparkover	SHEET NO. 0000000	REV. 0R



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES												
Firm	Col	Load	Column Reactions(k)						V	Bolt(s)	Base Plate(n)	Gross
Line			H _{max}	V _{max}	M _{max}	M _{min}		V _{min}	Qty	Width	Length	(in)
1*	A	7	1.0	-0.4	10	-1.2	0	4	7.50	6.00	10.50	0.500
		7	0.3	2.0	12	-0.6	-1.9	4	7.50	6.00	10.50	0.500
1*	C	11	1.1	-0.4	10	-1.2	0	4	7.50	6.00	10.50	0.500
		6	-0.3	2.0	13	-0.6	-0.4	4	7.50	6.00	10.50	0.500
1*	B	9	0	-0.2	9	0.0	-1.5	4	7.50	6.00	8.00	0.500
		1	0	4.5	0	0.0	-1.5	4	7.50	6.00	8.00	0.500

1* Frame lines: 1, 5

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES													
Frm Line	Col Line	MAXIMUM REACTIONS (ANCHOR BOLTS)						Bolt(In) Dia	Base_Plate Length	(in) Thick	Groat (in)		
		Load Hmax	Load Hmin	Load Vmax	Load Vmin	Load Hmax	Load Hmin						
2*	A	1	2.2	6.2	10	-2.9	-0.2	4	0.750	6.000	12.50	0.500	0.0
2*	C	1	2.2	6.8	8	-2.1	-5.8	4	0.750	6.000	12.50	0.500	0.0
		2	-2.2	6.8	9	-2.1	-5.8						
2* Frame lines: 2 3 4													

ENDWALL COLUMN:	BASIC COLUMN REACTIONS (k)
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Frm Line	Col Line	Dead Vert	Wind Press Horz	Wind Suct Horz	Seis Long Vert
4	R	0.1	-3.0	3.3	0.0

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

Frm Line	Col Line	Column_Reactions(k)						Bolt(in) Qty	Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
4	B	14	2.0	0.1	15	-1.8	0.1	4	1/2	600	8.00	3.00	0.0
		16	2.0	0.1						600	8.00	3.00	

LOAD COMBINATIONS

ID	Description
1	Dead+Collateral+Live
2	Dead+0.6Wind_Left1
3	Dead+0.6Wind_Right1
4	Dead+Collateral+0.75Live+0.45Wind_Left1
5	Dead+Collateral+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_LongL1
13	0.6Dead+0.6Wind_LongL2
14	0.6Dead+0.6Wind_RightL2+0.6Wind_Suction
15	0.6Dead+0.6Wind_Pressure+0.6Wind_LongL2
16	0.6Dead+0.6Wind_RightL1+0.6Wind_Suction
17	0.6Dead+0.6Wind_RightL1+0.6Wind_LongL1

(800) 527-1087		(525) 565-8103 (Fax)			
ANCHOR BOLT REACTIONS				#File	
SIZE		33'-0" x 90'-0" x 13'-0"		ROOF SLOPE 2.0:1.2	
CUSTOMER		Required			
LOCATION		Project Address 2			
DRAW BY	OK'D BY	DATE	SCALE	SALESMAN	JOB NO.
Detailer		3 / 4/25	NONE	Dalton Cummings	highlandarkc
					SHEET NO.

					REVISION

BUILDING BRACING REACTIONS

Loc	Wall Line	Col Line	± Reactions(k)				Panel Shear (lb/ft)		Notes
			Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Wind	Seis	
LEW	1								(h)
F_SW	C	4,5	1.9	1.1	1.0	0.6			
R_LEW	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