GENERAL NOTES

BUILDING CODE

BUILDING CODE USED ..... IBC 2018

DESIGN LIVE LOADS

ROOF ..... 20 P.S.F.
COLLATERAL LOAD ..... 10 P.S.F.

WIND SPEED (3 SEC GUST, EXP. C, CAT. III) ..... 136 M.P.H. (IBC 2018 ASD Nominal)
WIND PRESSURES - MWFRS TRANSVERSE DIRECTION
INTERIOR ZONES ..... WALLS ..... 17.9 P.S.F.
ROOF ..... -5.3 P.S.F.
END ZONE ..... WALL ..... 27.0 P.S.F.
ROOF ..... -9.3 P.S.F.
WIND PRESSURES - MWFRS LONGITUDINAL DIRECTION
INTERIOR ZONE ..... WALL ..... 14.5 P.S.F.
END ZONE ..... WALL ..... 21.9 P.S.F.
COMPONENTS AND CLADDING
ZONE 1 ..... -14.3 P.S.F.
ZONE 1 OVERHANG ..... 31.6 P.S.F.
ZONE 2e ..... 14.3 P.S.F.
ZONE 2e OVERHANG ..... 31.6 P.S.F.
ZONE 2r ..... 36.8 P.S.F.
ZONE 2n OVERHANG ..... 51.1 P.S.F.
ZONE 2r ..... 36.8 P.S.F.
ZONE 2r OVERHANG ..... 51.1 P.S.F.
ZONE 3e ..... -36.8 P.S.F.
ZONE 3e OVERHANG ..... 47.1 P.S.F.
ZONE 3r ..... 41.7 P.S.F.
ZONE 3r OVERHANG ..... 48.4 P.S.F.
ZONE 4 ..... 26.9 P.S.F.
ZONE 5 ..... 33.3 P.S.F.

CONCRETE

CONCRETE FOR FOOTINGS SHALL NOT CONTAIN MORE THAN 20% FLY ASH. ALL OTHER CONCRETE SHOWN AND CALLED FOR ON S SHEETS SHALL NOT CONTAIN FLY ASH. CONCRETE FOR SLAB SHALL NOT CONTAIN ENTRAINED AIR. COMPRESSIVE STRENGTH OF CONCRETE TESTED AT 28 DAYS SHALL BE AS FOLLOWS:

FOOTINGS ..... 3000 PSI (W/C = 0.50 MAX)
SLAB ON GRADE ..... 3500 PSI (W/C = 0.45 MAX)
ALL OTHER CONCRETE ..... 3000 PSI (W/C = 0.50 MAX)
SECOND FLOOR/ELEVATED SLABS ..... 3500 PSI (W/C = 0.45 MAX, AGGREGATE SIZE ¾" MAX)

THERE SHALL BE NO HORIZONTAL CONSTRUCTION JOINTS IN CONCRETE POURS. ALL CONSTRUCTION JOINTS SHALL BE MADE IN THE CENTER OF SPANS WITH VERTICAL BULKHEADS. THE LOCATION OF CONSTRUCTION JOINTS SHALL BE REVIEWED BY THE ARCHITECT/ENGINEER. ADDITIONAL REINFORCING AT CONSTRUCTION JOINTS REQUIRED. SEE TYPICAL DETAIL.

REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE GRADE 60 (#2 AND #3 BARS AND ALL STIRRUPS AND TIES SHALL BE GRADE 40) AND SHALL CONFORM TO THE ASTM SPECIFICATIONS A615. DETAILING OF REINFORCING STEEL SHALL CONFORM TO THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL. PROVIDE 1-#6 X 4'-0" ($\frac{+}{-}L_2$) TOP AND BOTTOM IN EXTERIOR FACE OF GRADE BEAMS AT CORNERS.

PROVIDE STANDARD PLASTIC BAR CHAIRS WITH ROUND FEET AT 4'-0" MAXIMUM CENTERS EACH WAY FOR ALL TOP REINFORCING FOR SLABS ON GRADE. DEPTH OF CHAIRS SHALL PROVIDE FOR 1" TOP COVER TO REINFORCING.

LAP CONTINUOUS UNSCHEDULED REINFORCING BARS AS FOLLOWS: BOTTOM BARS IN MEMBERS SUPPORTED BY COLUMNS OR FOOTINGS - 12" AT SUPPORTS ONLY; ALL OTHERS - 50 BAR DIAMETERS.

REINFORCING STEEL COVERAGE SHALL BE AS FOLLOWS:

GRADE BEAMS ..... 1 1/2" TOP, 3" BOTTOM, 2" SIDES (OUTSIDE FACE SHALL BE FULLY BOARD FORMED; 3" COVER SHALL BE PROVIDED ON SIDES POURED AGAINST AND IN CONTACT WITH EARTH)

MISCELLANEOUS

FOOTINGS SHALL BE POURED IMMEDIATELY AFTER EXCAVATION.

PRINCIPAL OPENINGS THROUGH THE FRAMING ARE SHOWN ON THESE DRAWINGS. THE CONTRACTOR SHALL EXAMINE THE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR REQUIRED OPENINGS AS HE SHALL PROVIDE FOR ALL OPENINGS WHETHER SHOWN ON THESE DRAWINGS OR NOT, AND SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH MECHANICAL DRAWINGS. NOMINAL PIPE SLEEVES THROUGH THE DECK WILL NOT REQUIRE FRAMING UNLESS THE OPENING EXCEEDS 10" IN DIAMETER.

SEE ARCHITECTURAL DRAWINGS FOR FLOOR ELEVATIONS, SLOPES, AND THE LOCATION OF DEPRESSED FLOOR AREAS.

THE CONTRACTOR SHALL COMPARE STRUCTURAL SECTIONS WITH ARCHITECTURAL SECTIONS AND REPORT ANY DISCREPANCY TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLING STRUCTURAL MEMBERS.

PRE-ENGINEERED BUILDING

SEE PREFABRICATED BUILDING MANUFACTURER'S DRAWINGS FOR STEEL FRAMING. THE GENERAL CONTRACTOR SHALL PROVIDE AND SET ANCHOR BOLTS AS PER THE PREFABRICATED BUILDING MANUFACTURER'S DRAWINGS. THE PREFABRICATED BUILDING SHALL BE DESIGNED FOR LOADS PREVIOUSLY LISTED.

THE MAXIMUM DRIFT AND LATERAL DEFLECTION DUE TO WIND LOADS SHALL NOT EXCEED L/400 OF THE BUILDING HEIGHT.

THE PRE-ENGINEERED BUILDING MANUFACTURER SHALL DESIGN ANCHOR BOLTS AND SHALL PROVIDE AN ANCHOR BOLT SETTING PLAN. THE GENERAL CONTRACTOR SHALL PURCHASE AND SET ANCHOR BOLTS AS PER PRE-ENGINEERING BUILDING MANUFACTURER'S DRAWINGS.

ALL PRE-ENGINEERED BUILDING SHOP DRAWINGS SHALL BEAR THE SEAL OF AN ENGINEER CURRENTLY REGISTERED IN THE STATE OF TEXAS.

DESIGN CALCULATIONS SHALL BE SUPPLIED. THE CALCULATIONS SHALL BE SEALED AND SIGNED BY THE ENGINEER OF RECORD AND SHALL BE INDEXED AND TABBED FOR EASY REVIEW.

SUBGRADE / FILL / SITE PREPARATION

THE BUILDING AREA SHALL BE STRIPPED OF ALL VEGETATION, TOPSOIL, CONCRETE AND UNDERLYING POOR-QUALITY FILL TO A DEPTH OF 36-INCHES. ANY ROOTS LARGER THAN ONE-HALF INCH IN DIAMETER SHALL BE GRUBBED. ALL SOFT SPOTS IN THE SUBGRADE SHALL BE EXCAVATED TO FIRM SOIL. THE EXPOSED SUBGRADE SHALL BE SCARIFIED AND MOISTURE CONDITIONED TO NOT LESS THAN THE OPTIMUM MOISTURE CONTENT. THE SUBGRADE SHALL BE COMPACTED TO 95 PERCENT OF THE MAXIMUM STANDARD PROCTOR DENSITY AS DETERMINED BY ASTM D 698.

A MINIMUM OF 36-INCHES (ACTUAL FILL MAY VARY BASED ON FINISH FLOOR ELEVATION) OF COMPACTED SELECT FILL SHALL BE PLACED BELOW THE FLOOR SLAB FROM THE PREPARED SUBGRADE TO THE BOTTOM OF THE SLAB. SELECT FILL MATERIAL SHALL BE EXTENDED 5 FEET BEYOND THE BUILDING PERIMETER. SELECT FILL SHALL BE COMPOSED OF A CLEAN, INACTIVE CLAY SOIL (NOT A SILT) WITH A PLASTICITY INDEX BETWEEN 10 AND 20. THE FILL SHALL BE PLACED IN THIN LIFTS NOT EXCEEDING EIGHT INCHES LOOSE MEASURE, MOISTURE CONDITIONED TO ABOVE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM STANDARD PROCTOR DENSITY. TOTAL FILL THICKNESS MIGHT EXCEED THE MINIMUM AMOUNT OF FILL DEPENDING ON FINISH FLOOR ELEVATION AND EXISTING GRADES. REFER TO SITE SURVEY AND SITE DRAWINGS.

SHAPE THE SITE AROUND THE STRUCTURE TO INSURE THAT WATER WILL NOT POND AROUND THE BUILDING DURING AND AFTER CONSTRUCTION.

SOIL BEARING PRESSURE

A SOIL BEARING PRESSURE OF 4200 P.S.F. FOR DEAD LOAD PLUS TOTAL LIVE LOAD AND 2800 P.S.F. FOR DEAD LOAD PLUS 1/2 LIVE LOAD WAS USED TO SIZE FOOTINGS.

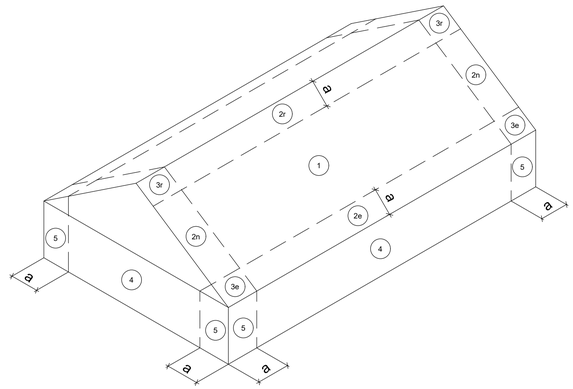
THE SITE PREPARATION AND SOIL BEARING PRESSURE RECOMMENDATIONS FOR FOUNDATION DESIGN ARE IN ACCORDANCE WITH SCIENCE ENGINEERING LTD'S GEOTECHNICAL ENGINEERING REPORT PROJECT NO. 21243 DATED DECEMBER 2021.

INSURANCE CERTIFICATES

CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING WINDSTORM INSURANCE CERTIFICATE FROM THE STATE BOARD OF INSURANCE AND SHALL COORDINATE WITH THE ENGINEER OF RECORD IN PERFORMING THE REQUIRED WINDSTORM FIELD INSPECTIONS. CONTRACTOR SHALL PAY TO THE ENGINEER OF RECORD A FEE SET BY THE ENGINEER OF RECORD FOR THE WINDSTORM INSPECTIONS AND CERTIFICATE.

REPRODUCTION NOTE

THE USE OF THESE CONTRACT DRAWINGS IN LIEU OF PREPARATION OF SHOP DRAWINGS CONSTITUTES ACCEPTANCE THAT ALL INFORMATION SHOWN HEREON IS CORRECT, AND CONSTITUTES ACCEPTANCE OF ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO THEIR USE. SHOP DRAWINGS MAY NOT BE PRODUCED BY USING REPRODUCTIONS OF THESE CONTRACT DRAWINGS. ANY SHOP DRAWINGS SUBMITTED FOR APPROVAL, WHICH WERE PRODUCED IN THIS MANNER, WILL BE REJECTED.



LOCATION OF WIND PRESSURE ZONES

SCALE: N.T.S.

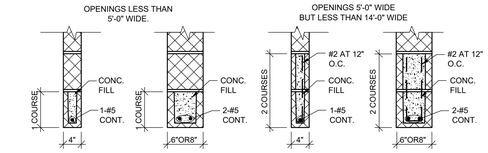
(COMPONENTS & CLADDING)
(OTHER TWO PHASES HAVE SAME ZONES)
a = 6.7'

LOOSE LINTEL SCHEDULE

NOTE:
PROVIDE 8" MINIMUM BEARING EACH END FOR STEEL GALVANIZED LOOSE LINTELS. ONE ANGLE SHALL BE PROVIDED FOR EACH WYTHE OF BRICK. SEE ARCHITECTURAL DRAWINGS FOR LOCATION.

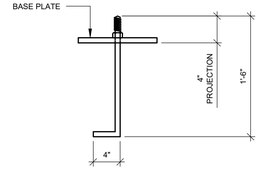
MASONRY OPENING	SIZE	DETAIL
LESS THAN 6'-0"	L3 1/2 X 3 1/2 X 1/4	L
6'-0" BUT LESS THAN 7'-0"	L4 X 3 1/2 X 1/4	L
7'-0" BUT LESS THAN 8'-0"	L5 X 3 1/2 X 1/4	L
8'-0" BUT LESS THAN 11'-0"	L6 X 3 1/2 X 5/16 ✳	L

✳ PROVIDE TEMPORARY SUPPORT AT MID SPAN UNTILL MASONRY IS SET



NOTE:
PROVIDE BLOCK LINTELS FOR ALL OPENINGS IN INTERIOR BLOCK PARTITIONS AND IN EXTERIOR BLOCK WALLS FOR WHICH STEEL LINTELS ARE NOT SCHEDULED. SEE ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATIONS OF OPENINGS. PROVIDE 8" MINIMUM BEARING AT EACH END.

TYPICAL BLOCK LINTEL DETAILS



TYPICAL ANCHOR BOLT

SCALE: N.T.S.
NOTE:
1. ANCHOR BOLT SHALL BE AS SHOWN

STATE OF TEXAS
DANIEL A. DOTSON
109833
LICENSED PROFESSIONAL ENGINEER

Apr 18, 2022

FILE # 21130_SE_DET PROJECT # 21130

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ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 1/26/2021
DESIGN DEVELOPMENT
DATE:
BIDS & CONSTRUCTION [X]
DATE: 4/18/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
GENERAL NOTES AND TYPICAL DETAILS

SHEET NUMBER
S1

21021
PROJECT NUMBER

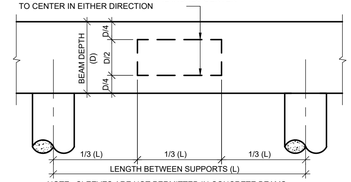
SAVED: OWNER
PLOT: ANDREW LEBOEUF
PLOT DATE: 4/18/2022 10:37 AM
SHEET SIZE: ----

GRADE BEAM SCHEDULE

BEAM		MAIN REINFORCING							STIRRUPS				REMARKS
MARK	SIZE	No	Sz	Length	Placing		Sketch		No	Sz	Typ	End-Spacing	
GB1	14 W 36 D	2 3	7 7		TOP BTM				10 13	3 3	S1 S1	LE-1@5.5@10.4@24 RE-1@5.12@10	
GB2	14 W 36 D	2 2	5 5		TOP BTM				9 6	3 3	S1 S1	LE-1@5.4@10.4@24 RE-1@12.5@24	
GB3	14 W 36 D	2 2	5 7		TOP BTM				5 7	3 3	S1 S1	LE-1@12.4@24 RE-1@12.6@24	
GB4	14 W 36 D	2 2	5 7		TOP BTM				6 6	3 3	S1 S1	LE-1@12.5@24 RE-1@12.5@24	
GB5	14 W 36 D	2 2	5 5		TOP BTM				6 9	3 3	S1 S1	LE-1@12.5@24 RE-1@5.3@10.5@24	
GB6	14 W 36 D	2 3	5 7		TOP BTM				10 5	3 3	S1 S1	LE-1@5.4@10.5@24 RE-1@12.4@24	
GB7	14 W 36 D	2 3	5 7		TOP BTM				5 10	3 3	S1 S1	LE-1@12.4@24 RE-1@5.4@10.5@24	
GB8	14 W 36 D	2 2	5 5		TOP BTM				6 7	3 3	S1 S1	LE-1@12.5@24 RE-1@12.6@24	
GB9	14 W 36 D	2 3	5 7		TOP BTM				10 5	3 3	S1 S1	LE-1@5.4@10.5@24 RE-1@12.4@24	
GB10	14 W 36 D	2 3	5 7		TOP BTM				8 7	3 3	S1 S1	LE-1@5.2@10.5@24 RE-1@5.6@10	
GB12	14 W 36 D	2 3	5 5		TOP BTM				4 6	3 3	S1 S1	LE-1@12.3@24 RE-1@12.5@24	
GB13	14 W 36 D	2 2	5 5		TOP BTM				4 5	3 3	S1 S1	LE-1@12.3@24 RE-1@12.4@24	
GB14	14 W 36 D	2 2	5 5		TOP BTM				6 6	3 3	S1 S1	LE-1@12.5@24 RE-1@12.5@24	
GB15	14 W 36 D	2 2	5 5		TOP BTM				4 2	3 3	S1 S1	LE-1@12.3@24 RE-1@12.1@24	
GB18	14 W 36 D	2 3	5 5		TOP BTM				8 6	3 3	S1 S1	LE-1@5.2@10.5@24 RE-1@12.5@24	
GB19	14 W 36 D	2 2	5 5		TOP BTM				6 6	3 3	S1 S1	LE-1@12.5@24 RE-1@12.5@24	
GB20	14 W 36 D	2 2	5 5		TOP BTM				6 6	3 3	S1 S1	LE-1@12.5@24 RE-1@12.5@24	
GB21	14 W 36 D	2 3	5 5		TOP BTM				6 6	3 3	S1 S1	LE-1@12.5@24 RE-1@12.5@24	
GB22	14 W 36 D	2 3	5 5		TOP BTM				6 7	3 3	S1 S1	LE-1@12.5@24 RE-1@12.6@24	
GB23	14 W 36 D	2 2	5 7		TOP BTM				8 6	3 3	S1 S1	LE-1@5.2@10.5@24 RE-1@12.5@24	
GB27	14 W 36 D	2 3	5 5		TOP BTM				3 8	3 3	S1 S1	LE-1@12.2@24 RE-1@5.3@10.4@24	
GB28	14 W 36 D	2 3	5 7		TOP BTM				7 8	3 3	S1 S1	LE-1@5.6@10 RE-1@5.3@10.4@24	
GB29	14 W 36 D	2 3	5 5		TOP BTM				4 4	3 3	S1 S1	LE-1@12.3@24 RE-1@12.3@24	
GB30	14 W 36 D	2 3	5 5		TOP BTM				4 4	3 3	S1 S1	LE-1@12.3@24 RE-1@12.3@24	
GB31	14 W 36 D	2 3	5 7		TOP BTM				6 6	3 3	S1 S1	LE-1@12.5@24 RE-1@12.5@24	
GB32	14 W 36 D	2 2	5 5		TOP BTM				4 4	3 3	S1 S1	LE-1@12.3@24 RE-1@12.3@24	
GB33	14 W 36 D	2 3	5 5		TOP BTM				4 6	3 3	S1 S1	LE-1@12.3@24 RE-1@5.3@10.2@24	
GB34	14 W 36 D	2 3	5 5		TOP BTM				5 7	3 3	S1 S1	LE-1@12.4@24 RE-1@5.5@10.1@24	
GB35	14 W 36 D	2 3	5 5		TOP BTM				7 7	3 3	S1 S1	LE-1@5.5@10.1@24 RE-1@5.4@10.2@24	
GB36	14 W 36 D	2 3	5 5		TOP BTM				7 4	3 3	S1 S1	LE-1@5.4@10.2@24 RE-1@12.3@24	
GB37	14 W 36 D	2 3	5 7		TOP BTM				4 6	3 3	S1 S1	LE-1@12.3@24 RE-1@5.3@10.2@24	
GB38	14 W 36 D	2 3	5 7		TOP BTM				5 7	3 3	S1 S1	LE-1@12.4@24 RE-1@5.5@10.1@24	
GB39	14 W 36 D	2 3	5 7		TOP BTM				5 8	3 3	S1 S1	LE-1@5.3@10.1@24 RE-1@5.4@10.3@24	
GB40	14 W 36 D	2 3	5 7		TOP BTM				6 5	3 3	S1 S1	LE-1@5.4@10.1@24 RE-1@12.4@24	
GB42	14 W 36 D	2 2	5 5		TOP BTM				2 4	3 3	S1 S1	LE-1@12.1@24 RE-1@12.3@24	
GB43	14 W 36 D	2 2	5 5		TOP BTM				3 4	3 3	S1 S1	LE-1@12.2@24 RE-1@12.3@24	
GB44	14 W 36 D	2 2	5 5		TOP BTM				3 4	3 3	S1 S1	LE-1@12.2@24 RE-1@12.3@24	
GB45	14 W 36 D	2 2	5 5		TOP BTM				3 4	3 3	S1 S1	LE-1@12.2@24 RE-1@12.3@24	
GB46	14 W 36 D	2 2	5 5		TOP BTM				4 2	3 3	S1 S1	LE-1@12.3@24 RE-1@12.1@24	

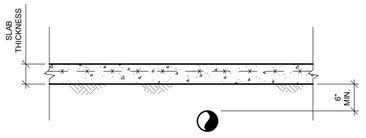
Notes :
1 - Beam Size is in Inches.
2 - Stirrup Spacing starts 12" from outside face of concrete at discontinuous ends and 6" from centerline of support where beams are continuous on each side of support. (LE - Left End, RE - Right End, LCANT - Cantilever to left of Span, RCANT - Cantilever to right of Span.)
3 - Stirrup Types : S1 ( )

DASHED LINE INDICATES THE EXTENT IN WHICH THE MECHANICAL SLEEVES MAY PENETRATE THE CONCRETE GRADE BEAMS WITHOUT THE WRITTEN CONSENT OF THE STRUCTURAL ENGINEER. IN THIS AREA, THE MAXIMUM SIZE SLEEVE ALLOWED WILL BE 8 INCHES DIAMETER AND WILL BE PLACED NO CLOSER THAN 12 INCHES CENTER TO CENTER IN EITHER DIRECTION

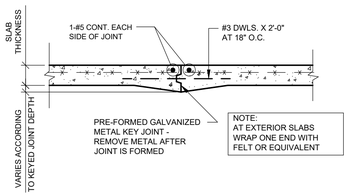


NOTE: SLEEVES ARE NOT PERMITTED IN CONCRETE BEAMS WITH CONCENTRATED LOADS BETWEEN SUPPORTS WITHOUT WRITTEN CONSENT OF THE STRUCTURAL ENGINEER

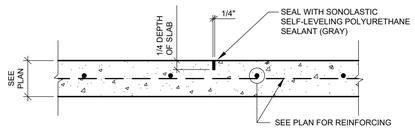
TYPICAL MECHANICAL SLEEVE THRU GRADE BEAM



TYPICAL CONDUIT/PIPE LOCATION DETAIL

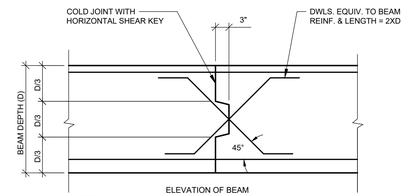


TYPICAL CONSTRUCTION JOINT DETAIL SLAB ON GRADE



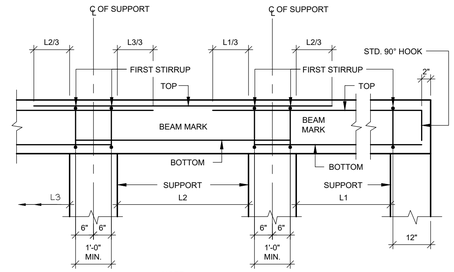
SAWED CONTROL JOINT

NOTE:
1. CONTROL JOINTS SHALL BE SAWED WITHIN 24 HOURS OF CONCRETE PLACEMENT. VERIFY LOCATIONS WITH ARCHITECT/ENGINEER PRIOR TO CONCRETE PLACEMENT.



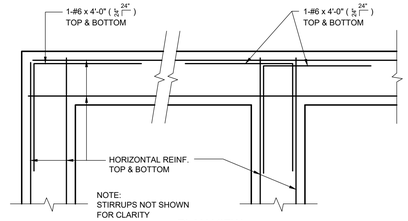
NOTE:
CONTRACTOR SHOULD SUBMIT HIS DESIRED CONSTRUCTION JOINT LOCATIONS TO THE ARCHITECT/ENGINEER FOR APPROVAL. CONSTRUCTION JOINTS SHOULD BE IN THE MIDDLE 1/3 SPAN AND NOT NEAR ANY CONCENTRATED LOADS

TYPICAL CONSTRUCTION JOINT DETAIL GRADE BEAM



NOTE:
LEFT SUPPORT IS THE BEAM SUPPORT TO THE LEFT OF THE BEAM MARK ON THE FOUNDATION PLAN.

BAR PLACEMENT DIAGRAMS



PLAN VIEW

TYPICAL CORNER BAR DETAIL CONCRETE BEAM OR WALL

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Beaumont, TX 77706
Beaumont Independent School District

ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 1/26/2021
DESIGN DEVELOPMENT
DATE:
BIDS & CONSTRUCTION [X]
DATE: 4/18/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DANIEL A DOTSON
109833
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS
Apr 18, 2022

DRAWINGS SHEET TITLE
GRADE BEAM SCHEDULE AND TYPICAL DETAILS

SHEET NUMBER
S2

21021
PROJECT NUMBER

FILE # 21130_SE_DET PROJECT # 21130

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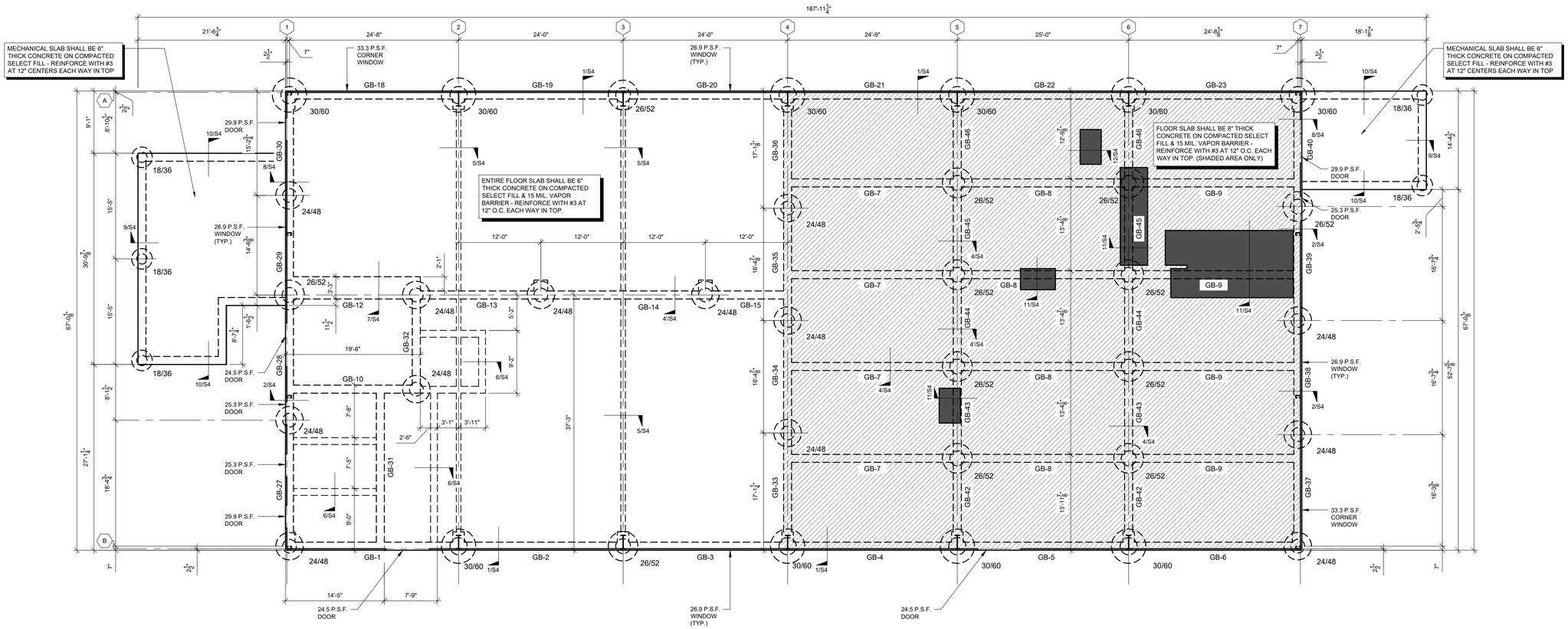
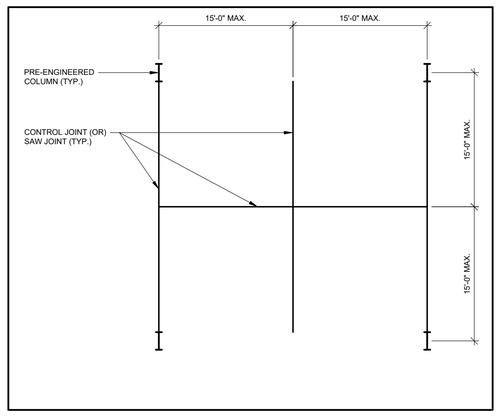
T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186

SAVED: OWNER
PLOT: ANDREW LEROEUF
PLOT DATE: 4/18/2022 10:37 AM
SHEET SIZE: ----





TYPICAL CONTROL JOINT/ SAW CUT PLAN

SCALE: N.T.S.

NOTES:

1. JOINT AT EVERY COLUMN LINE AND SPACED NO MORE THAN 15'-0" O.C. EACH WAY ENTIRE SLAB.

FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

NOTES:

1. XX/XX ON PLAN INDICATES PLINTH DIAMETER IN INCHES / FOOTING DIAMETER IN INCHES. SEE S4 FOR FOOTING REINFORCEMENT.
2. GB-XX INDICATED SCHEDULE GRADE BEAM MARK - SEE GRADE BEAM SCHEDULE ON SHEET S2.
3. MAXIMUM SLAB SLOPE TO FLOOR DRAIN SHALL NOT EXCEED 1/4" PER FOOT.
4. SEE ARCHITECTURAL & MEP DRAWINGS FOR FLOOR DRAINS NOT SHOWN.
5. FOOTINGS ARE CENTERED UNDER COLUMNS, WHERE THERE ARE NO COLUMNS THEN FOOTINGS ARE CENTERED UNDER GRADE BEAM UNLESS OTHERWISE NOTED.
6. VERIFY ALL SLAB RECESS LOCATIONS & SIZES WITH ARCHITECTURAL DRAWINGS.
7. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
8. SEE ARCHITECTURAL AND CIVIL DRAWINGS FOR PROPER ORIENTATION OF BUILDING. VERIFY "NORTH" ORIENTATION PRIOR TO CONSTRUCTION.
9. ALL INTERIOR MASONRY CMU WALLS ARE NOT SUBJECT TO WIND LOADS BUT SHALL BE SECURED WHERE NOTED ON ARCHITECTURAL DRAWINGS WITH DIAGONAL ANGLE BRACING.
10. CMU BOND BEAMS WITH CONTINOUS REINFORCING STEEL ARE REQUIRED AT THE TOP OF EACH CMU WALL AND AT OTHER LOCATIONS WHERE CMU WALL IS BRACED TO STRUCTURAL STEEL BEAMS. SEE ARCH. DWGS FOR ADDITIONAL BOND BEAM REQUIREMENTS.
11. AT CONTRACTORS OPTION, FLOOR SLAB JOINTS MAY BE EITHER CONTROL JOINTS OR CONSTRUCTION JOINTS.
12. ▬ ON PLAN INDICATES 2" FLOOR RECESS.
13. VERIFY METAL SIDING LEDGE DIMENSION WITH ARCHITECT AND PRE-ENGINEERED METAL BUILDING SUPPLIER PRIOR TO FORM AND POUR.
14. ▨ ON PLAN INDICATES 8" FLOOR SLAB.

NOTE:
PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS WITH ALL DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS. CONTRACTOR SHALL TIMELY REPORT ANY DISCREPANCIES TO ARCHITECT.

NOTE:
WHERE A DRILLED FOOTING IS SHOWN ON THE PLAN CLOSER THAN 8'-0" FROM ANOTHER FOOTING, DRILL ONE FOOTING, FILL WITH CONCRETE AND LET CURE 48 HOURS PRIOR TO DRILLING THE ADJACENT FOOTING. 8'-0" DIMENSION IS MEASURED BETWEEN EDGE OF BELL FOOTING, NOT CENTER TO CENTER.

STATE OF TEXAS
DANIEL A. DOTSON
109833
LICENSED PROFESSIONAL ENGINEER
Apr 18, 2022

FILE # 21130_SE_FDN PROJECT # 21130

Fittz & Shipman INC.
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WEST BROOK AUXILIARY FIELD HOUSE
Beaumont Independent School District
8750 Phelan Blvd
Beaumont, TX 77706

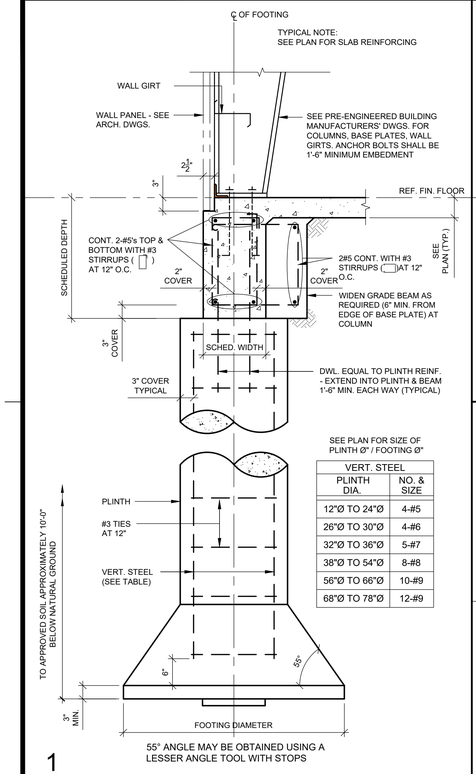
ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 1/26/2021
DESIGN DEVELOPMENT
DATE:
BIDS & CONSTRUCTION [X]
DATE: 4/18/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
FOUNDATION PLAN

SHEET NUMBER
S3

21021
PROJECT NUMBER

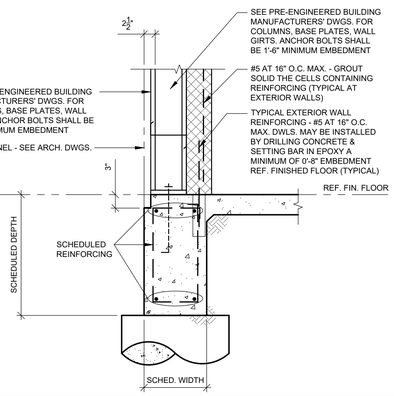
SAVED: OWNER
PLOT: ANDREW.LEBOEUF
PLOT DATE: 4/18/2022 10:41 AM
SHEET SIZE: ----



VERT. STEEL	
PLINTH DIA.	NO. & SIZE
12"Ø TO 24"Ø	4-#5
26"Ø TO 30"Ø	4-#6
32"Ø TO 36"Ø	5-#7
38"Ø TO 54"Ø	8-#8
56"Ø TO 66"Ø	10-#9
68"Ø TO 78"Ø	12-#9

1

TYPICAL NOTE:
SCALE: ¾" = 1'-0"



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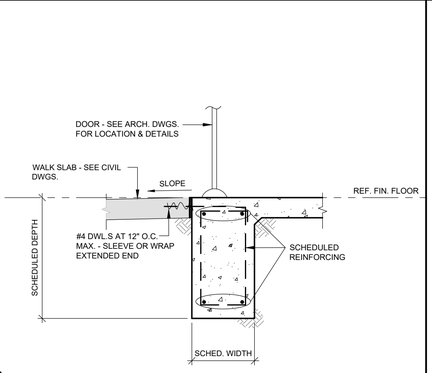

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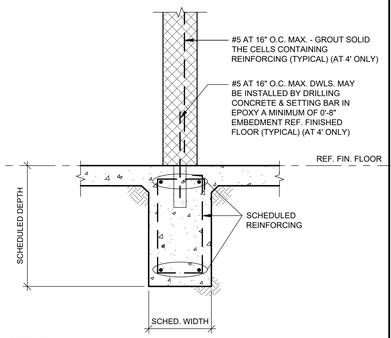

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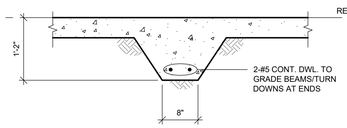
4' NOTED



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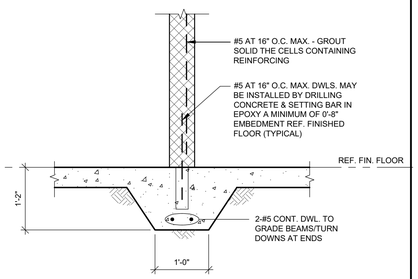

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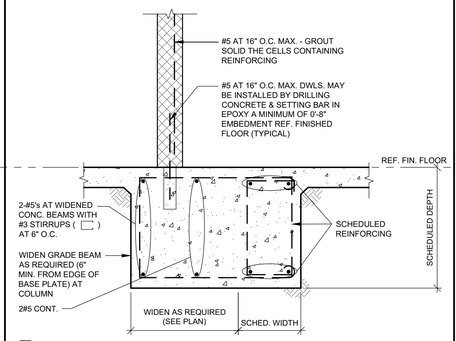

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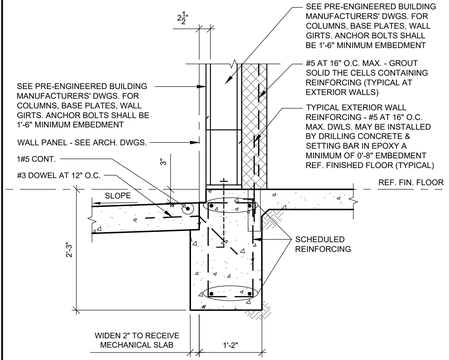

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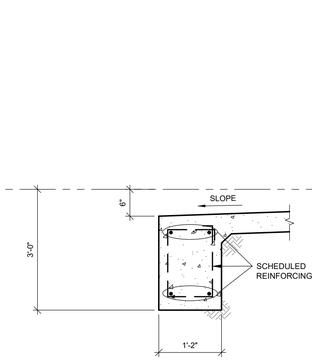

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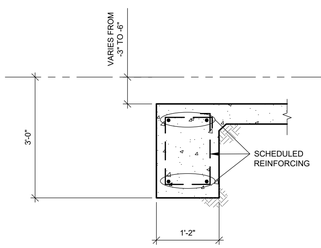

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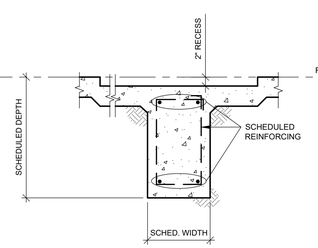

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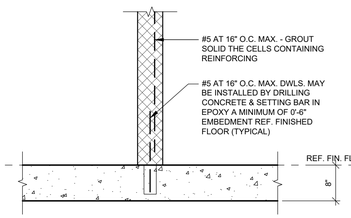
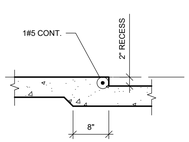


TYPICAL CMU WALL AT 8" THICK SLAB



TYPICAL RECESS DETAIL

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WEST BROOK AUXILIARY FIELD HOUSE

Beaumont Independent School District

8750 Phelan Blvd

Beaumont, TX 77706

ISSUED FOR
SCHEMATIC DESIGN [X]
DATE: 1/26/2021
DESIGN DEVELOPMENT
DATE:
BIDS & CONSTRUCTION [X]
DATE: 4/18/2022
REVISION:
DATE:
REVISION:
DATE:
REVISION:
DATE:

DRAWINGS SHEET TITLE
FOUNDATION DETAILS

SHEET NUMBER
S4

21021
PROJECT NUMBER

STATE OF TEXAS
DANIEL A. DOTSON
109833
LICENSED PROFESSIONAL ENGINEER
Apr 18, 2022

FILE # 21130_SE_DET PROJECT # 21130

Fittz & Shipman INC.
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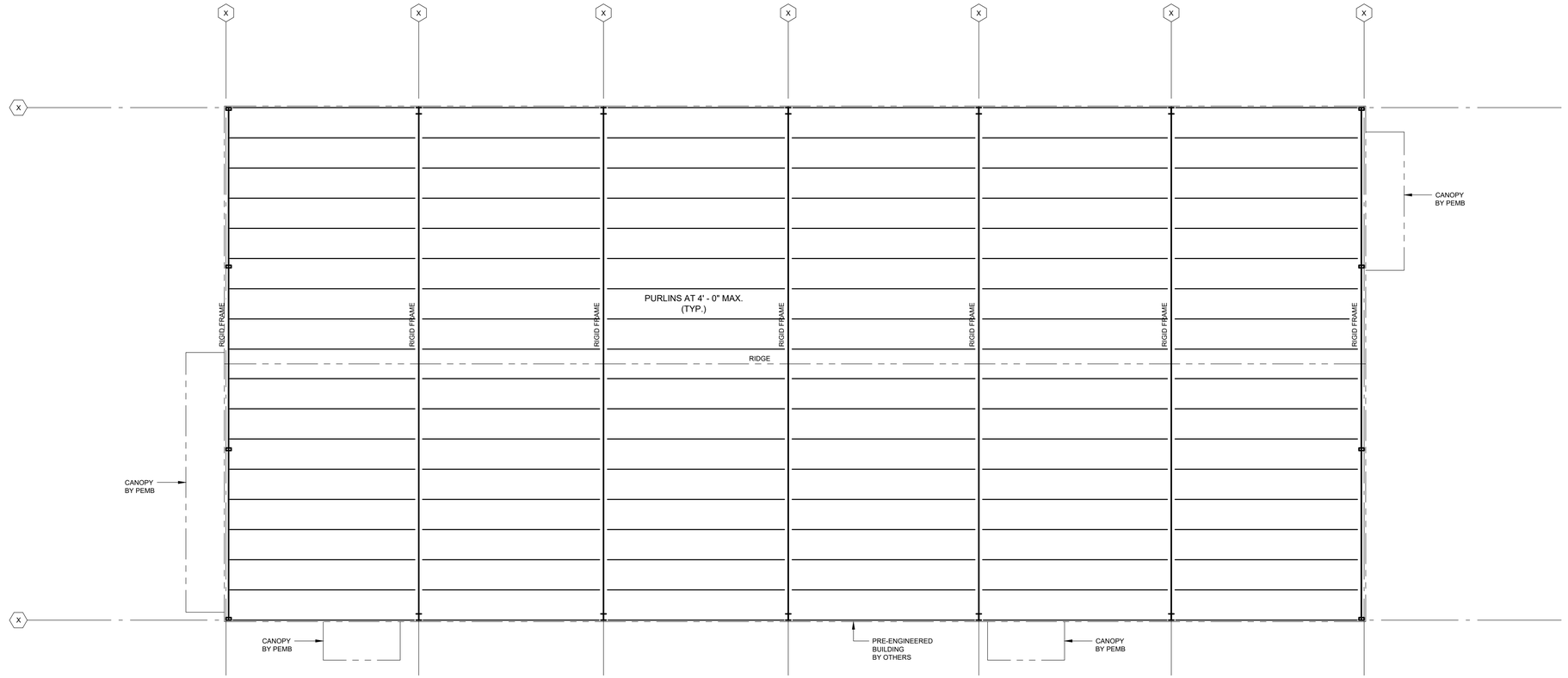
1405 CORNERSTONE COURT BEAUMONT, TEXAS
(409)832-7238 FAX (409)832-7303
T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186

SAVED: OWNER
PLOT: ANDREW.LEBOEUF
PLOT DATE: 4/18/2022 10:37 AM
SHEET SIZE: ----



SCHEMATIC ROOF FRAMING PLAN

SCALE: N.T.S.

NOTES:

1. FRAMING SHALL BE DESIGNED FOR THE LOADS LISTED IN THE GENERAL NOTES.
2. CONTACT FITTZ & SHIPMAN IF CHANGES ARE MADE TO THE FRAMING CONCEPT.
3. LATERAL DRIFT SHALL BE LIMITED AS STATED IN THE GENERAL NOTES.
4. MAXIMUM SPACING OF ROOF PURLINS SHALL BE 4'-0" ON SLOPE. NUMBER OF PURLINS MIGHT VARY FROM WHAT IS SHOWN IN ROOF FRAMING SCHEMATIC.
5. PRE-ENGINEERED BUILDING MANUFACTURER TO PROVIDE WIND BRACING AS REQUIRED.
6. SEE ARCHITECTURAL DRAWINGS FOR DETAILS AND DIMENSIONS NOT SHOWN.
7. SEE GENERAL NOTES SHEET S1 FOR WIND LOAD REQUIREMENTS.

NOTE:
INCREASE THE QUANTITY OF ROOF PURLINS AS NECESSARY TO CERTIFY THAT THIS BUILDING IS CLASSIFIED AS WIND RESISTIVE IN ACCORDANCE WITH THE SUPERIOR CONSTRUCTION WORKSHEET FOR CLASS RATED BUILDINGS (TYPICAL)

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Historic Pine Tree
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WEST BROOK AUXILIARY FIELD HOUSE

Beaumont Independent School District

8750 Phelan Blvd

Beaumont, TX 77706

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DATE:

DRAWINGS SHEET TITLE
SCHEMATIC ROOF FRAMING PLAN

SHEET NUMBER
S5

21021
PROJECT NUMBER

STATE OF TEXAS
DANIEL A. DOTSON
109833
LICENSED
PROFESSIONAL ENGINEER

Apr 18, 2022

FILE # 21130_SE_FRM PROJECT # 21130

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T.B.P.E. FIRM #1160 T.X.L.S. FIRM #100186

SAVED: OWNER
PLOT: ANDREW LEBOEUF
PLOT DATE: 4/18/2022 10:38 AM
SHEET SIZE: ----