AIA® Document G710™ – 2017

Architect's Supplemental Instructions

PROJECT: *(name and address)* Highland Township Fire Stations 1 PIA 18-122A	**CONTRACT INFORMATION:** Contract For: General Construction Date:	**ASI INFORMATION:** ASI Number: 002 Date: July 20, 2020
OWNER: *(name and address)* Highland Township 250 W. Livingston Road Highland, MI 48357	**ARCHITECT:** *(name and address)* PARTNERS in Architecture, PLC 65 Market Street Mount Clemens, MI 48043	**CONTRACTOR:** *(name and address)* Axiom Construction Services Group, LLC 7789 E. M-36 Whitmore Lake, MI 48189

The Contractor shall carry out the Work in accordance with the following supplemental instructions without change in Contract Sum or Contract Time. Proceeding with the Work in accordance with these instructions indicates your acknowledgment that there will be no change in the Contract Sum or Contract Time.
(Insert a detailed description of the Architect's supplemental instructions and, if applicable, attach or reference specific exhibits.)

Refer to Exhibit 'A' for description of work.

A3-02 - Revised Mechanical Room (119) dimension, and updated control joint detail
A3-03 - Revised and added dimensions. Control Point removed from this plan.
S3-01, S3-02, and S3-03 - Removed dimensions and added note: "See Arch. Drawings Sheets A3-02 and A3-03 for dimensions"

ISSUED BY THE ARCHITECT:

PARTNERS in Architecture, PLC
ARCHITECT *(Firm name)*

Andrew Markle
SIGNATURE

Andrew Markle
PRINTED NAME AND TITLE

7/20/2020
DATE

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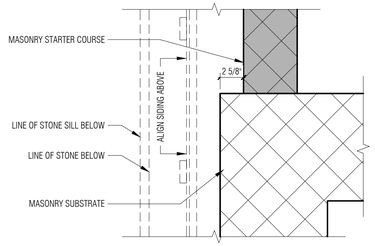
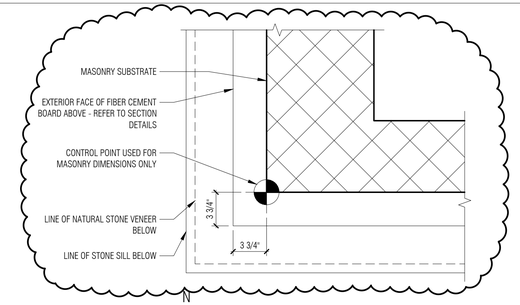
User Notes:
(3B9ADA52)

EXHIBIT A



N

3 / A3-02 Plan Detail
1-1/2" = 1'-0"



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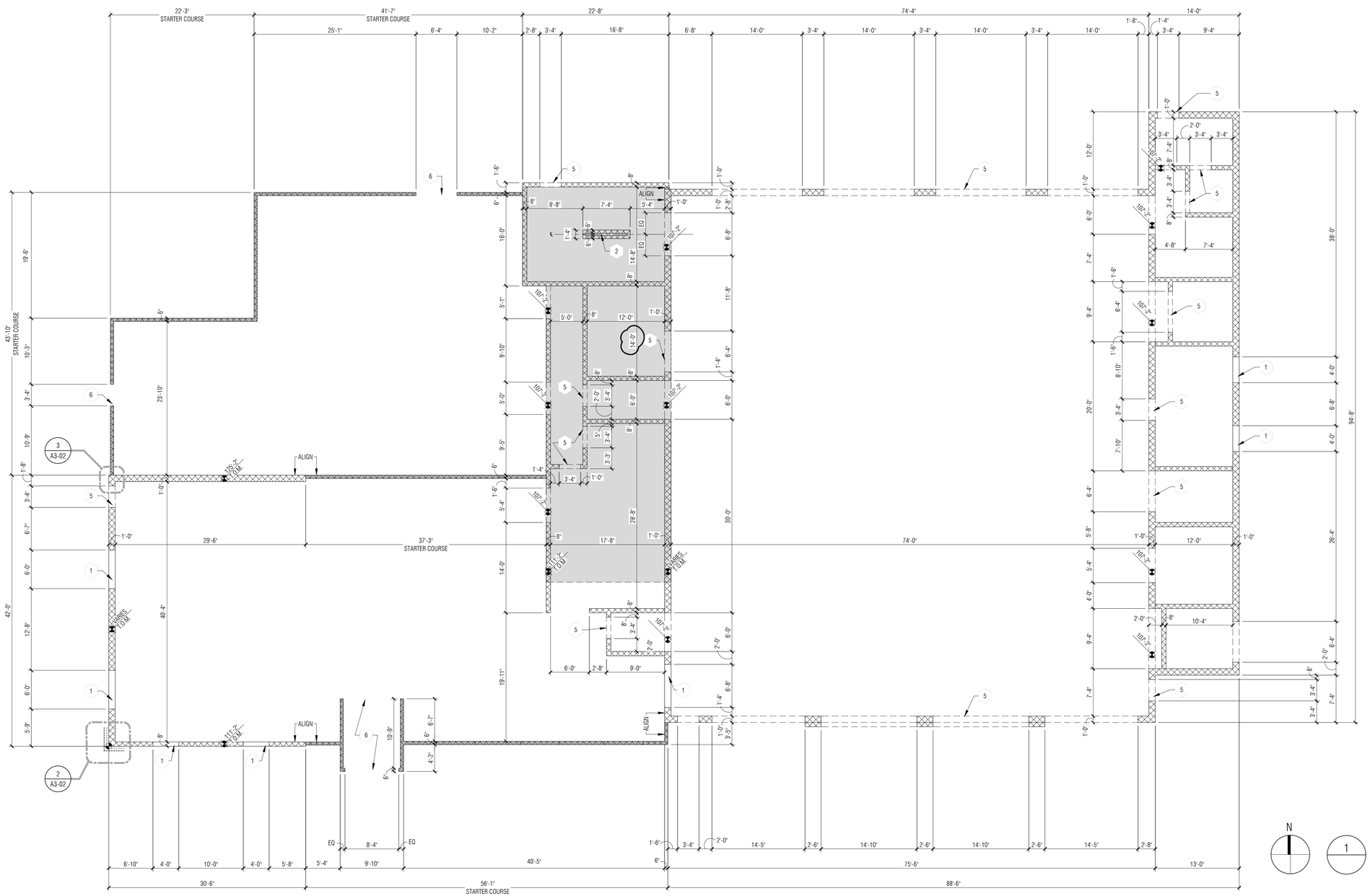
2 / A3-02 Control Point Plan Detail
1-1/2" = 1'-0"



N

1 Masonry Dimension Plan
1/8" = 1'-0"

MASONRY DIMENSION PLAN GENERAL NOTES:

A. ALL DIMENSIONS ARE TO FACE OF MASONRY WALL - WALL THICKNESS IS SHOWN AS NOMINAL.

B. COORDINATE SIZE AND LOCATION OF ALL DUCT, SHAFT AND LOUVER OPENINGS IN WALLS AND FLOORS WITH MECHANICAL AND ELECTRICAL. PROVIDE ALL REQUIRED LINTELS FOR OPENINGS.

C. DO NOT SCALE DRAWINGS. USE DIMENSIONS PROVIDED. IF A CONFLICT IS ENCOUNTERED OR A REQUIRED DIMENSION IS NOT PROVIDED, REQUEST A CLARIFICATION FROM THE ARCHITECT.

MASONRY DIMENSION PLAN KEY NOTES:

1. MASONRY OPENING FOR WINDOW - REFER TO SECTIONS FOR SILL HEIGHT
2. MASONRY HALF WALL REFER TO SECTION _____
3. SHADED AREAS [ ] DENOTE AREAS OF STARTER COURSE ONLY, MTL. STUD WALL ABOVE.
4. SHADED AREA [ ] DENOTE AREA OF MEZZANINE.
5. MASONRY OPENING FOR DOOR - REFER TO DOOR SCHEDULE.
6. OPENING IN MASONRY STARTER COURSE FOR DOOR - REFER TO SCHEDULE.

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PARTNERS in Architecture, PLC

65 MARKET STREET
MOUNT CLEMENS, MI 48043
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F 586.469.3607

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KEY PLAN

OWNER

Highland Township
Fire Department

PROJECT NAME

Highland Township
Fire Station No. 1

1600 W. Highland Rd.
Highland, MI 48357

PROJECT NO.

18-122A

ISSUES / REVISIONS

Bidding - Construction	03/27/20
Addendum #1	04/20/20
ASI #2	07/20/20

DRAWN BY

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LL / AM

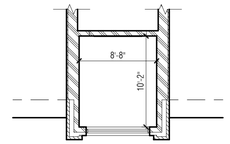
APPROVED BY
DG

SHEET NAME

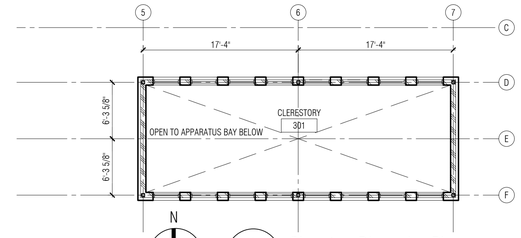
MASONRY
DIMENSION PLAN

SHEET NO.
A3-02

EXHIBIT A



4 Vestibule Clerestory Dimension Plan
1/8" = 1'-0"



3 Clerestory Dimension Plan
1/8" = 1'-0"

FLOOR PLAN GENERAL NOTES:

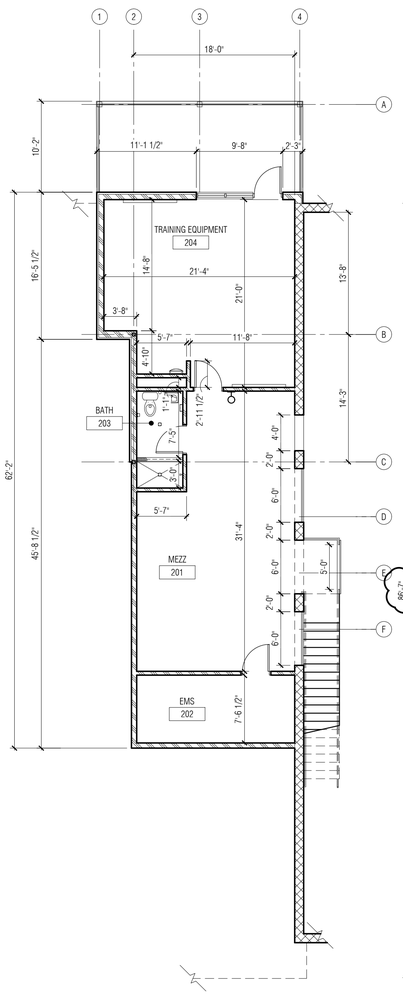
A. ALL DIMENSIONS ARE TO FINISH FACE OF WALL - WALL THICKNESS IS SHOWN AS NOMINAL. SEE WALL TYPES FOR ACTUAL THICKNESS.

B. COORDINATE SIZE AND LOCATION OF ALL DUCT, SHAFT AND LOUVER OPENINGS IN WALLS AND FLOORS WITH MECHANICAL AND ELECTRICAL. PROVIDE ALL REQUIRED LINTELS FOR OPENINGS.

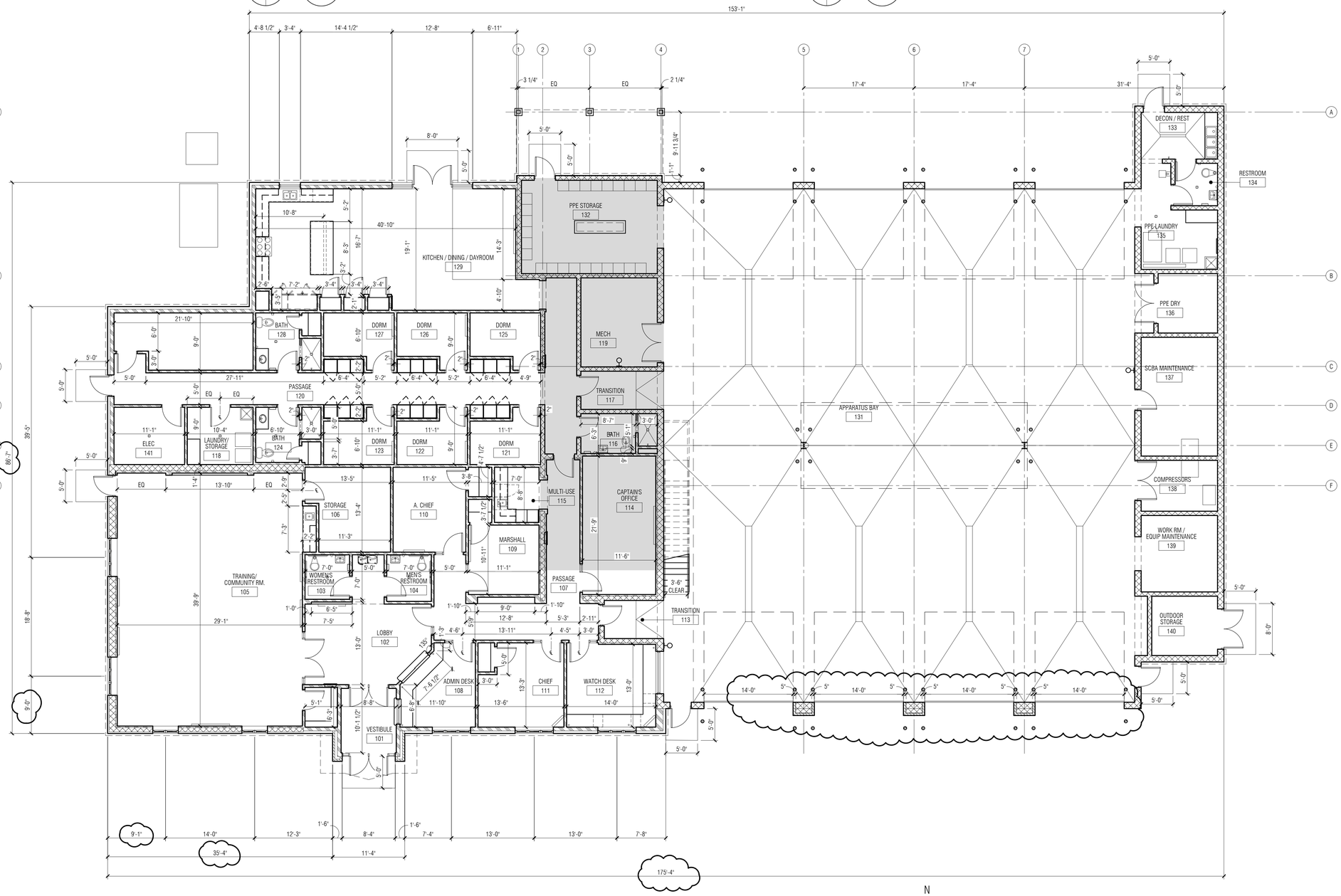
C. DO NOT SCALE DRAWINGS. USE DIMENSIONS PROVIDED. IF A CONFLICT IS ENCOUNTERED OR A REQUIRED DIMENSION IS NOT PROVIDED, REQUEST A CLARIFICATION FROM THE ARCHITECT.

D. AT ALL LOCATIONS WHERE GYPSUM BOARD WALL INTERSECTS PERPENDICULAR TO MASONRY BLOCK WALL CORNER, THE GYPSUM BOARD IS TO BE SET BACK 1" FORM BULLNOSE OF BLOCK.

E. AT FLOOR DRAIN LOCATIONS, SLOPE SLAB (-1") TO DRAIN LOCATION.



2 Mezzanine Level Dimension Plan
1/8" = 1'-0"



1 Main Level Dimension Plan
1/8" = 1'-0"

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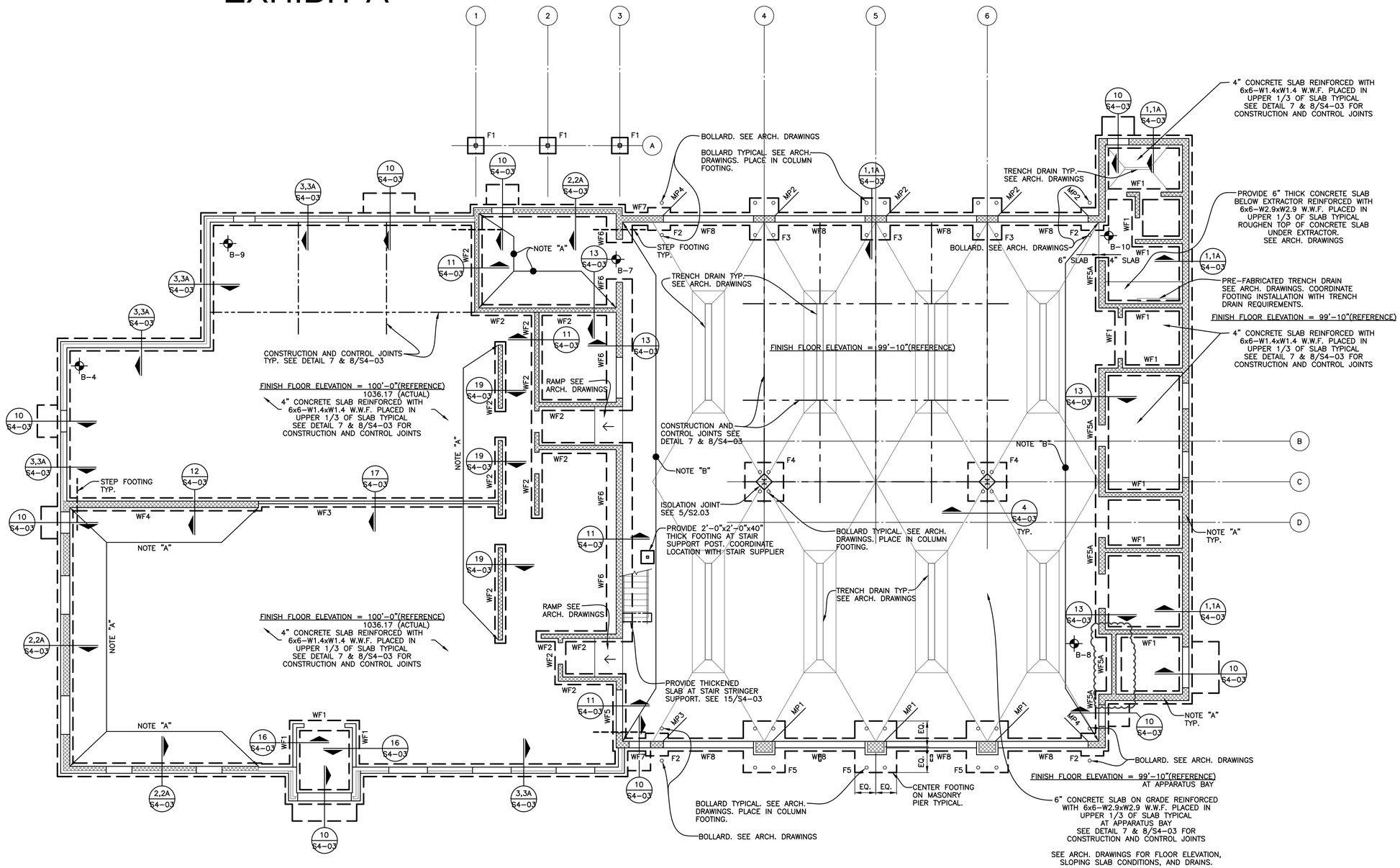
DG

SHEET NAME

MAIN LEVEL
DIMENSION PLAN

SHEET NO.
A3-03

EXHIBIT A



FOUNDATION PLAN

SCALE : 1/8" = 1'–0"

NORTH

INDICATES APPROXIMATE LOCATION OF SOIL BORING. SEE TESTING ENGINEERS & CONSULTANTS, INC TEC REPORT: 60006–1 FEBRUARY 3, 2020. SEE SOIL REPORT FOR SITE PREPARATIONS, AND FOUNDATION RECOMMENDATIONS.

BOTTOM OF EXTERIOR FOOTING ELEVATION = 96'–0" UNLESS OTHERWISE NOTED (X'–X")

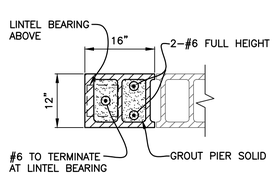
TOP OF INTERIOR FOOTING ELEVATION = 99'–2" @ APPARATUS BAY AND SIMILAR AREAS WITH F.F.=99'–10"
TOP OF INTERIOR FOOTING ELEVATION = 99'–4" @ TRAINING, DORM, OFFICES, AND SIMILAR AREAS WITH F.F.=100'–0"
COORDINATE WITH ARCH. DRAWINGS

SEE S4–02 SHEET FOR COLUMN FOOTING AND WALL FOOTING SCHEDULE

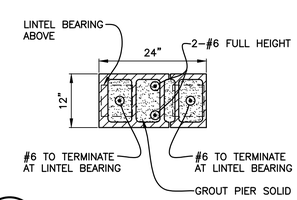
SEE ARCH. DRAWINGS SHEETS A3–02 AND A3–03 FOR DIMENSIONS

NOTE "A": REINFORCE EXTERIOR MASONRY WALLS AND INTERIOR MASONRY WALLS AS NOTED WITH #5 @ 48" O.C. FULL HEIGHT VERTICAL UNLESS OTHERWISE NOTED, GROUT REINFORCED CORES SOLID, DOWEL TO FOOTING. PLACE BARS AT CORNERS AND FACE OF OPENINGS AND EACH SIDE OF CONTROL JOINTS.SEE DETAILS 1, 2, 3, 4, 5 & 6/S4–02

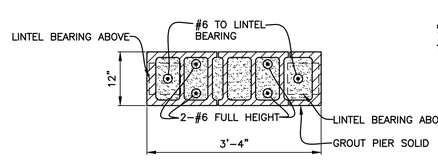
NOTE "B": REINFORCE EXTERIOR MASONRY WALLS AND INTERIOR MASONRY WALLS AS NOTED WITH #6 @ 32" O.C. FULL HEIGHT VERTICAL UNLESS OTHERWISE NOTED, GROUT REINFORCED CORES SOLID, DOWEL TO FOOTING. PLACE BARS AT CORNERS AND FACE OF OPENINGS AND EACH SIDE OF CONTROL JOINTS. SEE DETAILS 1, 2, 3, 4, 5 & 6/S4–02



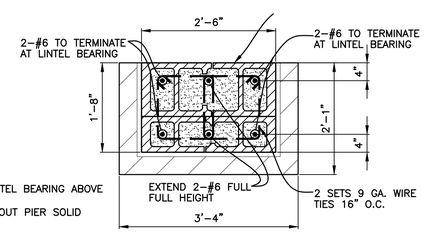
4 S3-01 MASONRY PIER DETAIL (MP4)
SCALE : 3/4" = 1'–0"



3 S3-01 MASONRY PIER DETAIL (MP3)
SCALE : 3/4" = 1'–0"



2 S3-01 MASONRY PIER DETAIL (MP2)
SCALE : 3/4" = 1'–0"



1 S3-01 MASONRY PIER DETAIL (MP1)
SCALE : 3/4" = 1'–0"

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email@sastructuralengineers.com

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Construction Set	05/04/2020
ASI 02	07/20/2020

DRAWN BY
CS

CHECKED BY
TS

APPROVED BY
TS

SHEET NAME
FOUNDATION PLAN

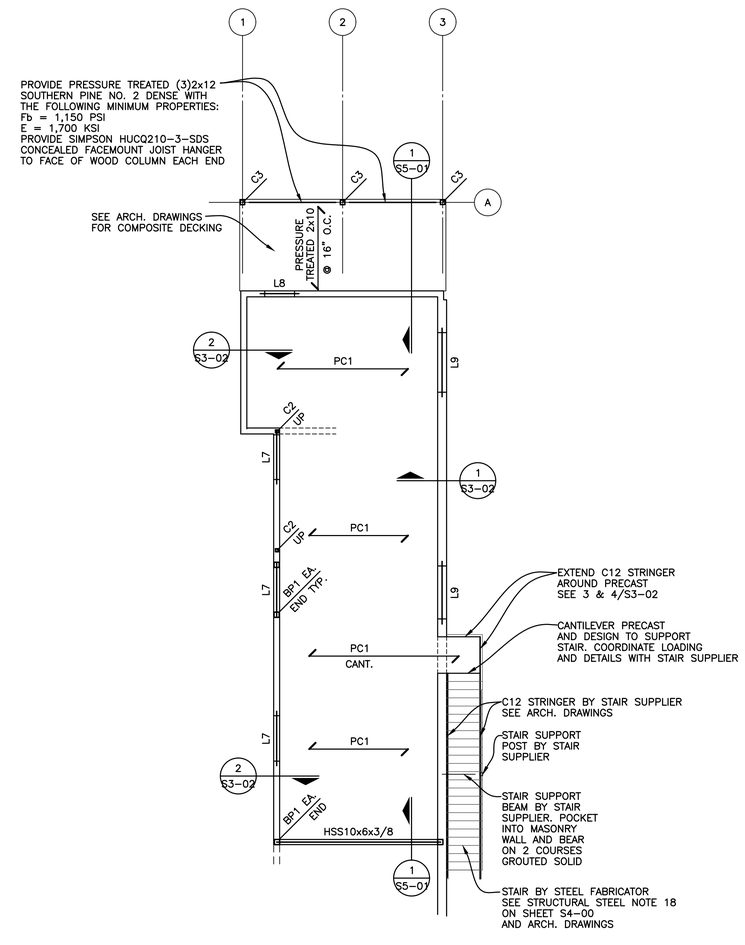
SHEET NO.
S3-01

EXHIBIT A

PRECAST PLANK SCHEDULE

NOTE: SEE ARCHITECTUAL DRAWINGS FOR ADDITIONAL SUPERIMPOSED DEAD LOADS

MARK	SIZE	LIVE LOAD	MINIMUM SUPERIMPOSED DEAD LOAD	REMARKS
PC1	8" HOLLOWCORE UNIT	125 PSF		



MEZZANINE FRAMING PLAN

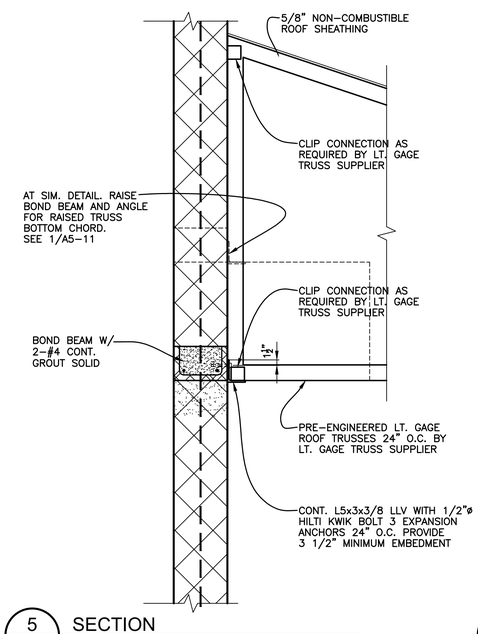
NORTH

SCALE : 1/8" = 1'-0" F.F. = 112'-0"

SEE SHEET S3-03 FOR COLUMN SCHEDULE

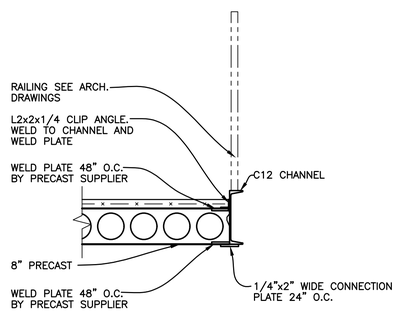
SEE SHEET S4-02 FOR LINTEL SCHEDULE

SEE ARCH. DRAWINGS SHEETS A3-02 AND A3-03 FOR DIMENSIONS



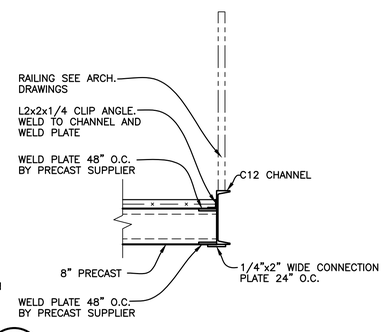
5 S3-02 SECTION

SCALE : 3/4" = 1'-0"



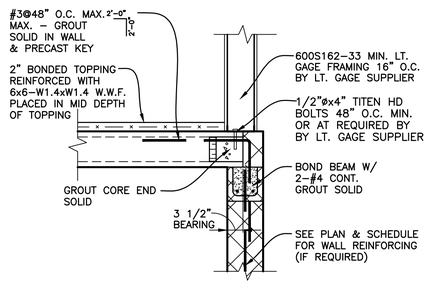
4 S3-02 SECTION

SCALE : 3/4" = 1'-0"



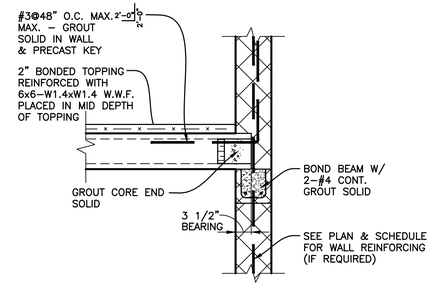
3 S3-02 SECTION

SCALE : 3/4" = 1'-0"



2 S3-02 TYPICAL PRECAST BEARING DETAIL WITH LT. GAGE WALL ABOVE

SCALE : 3/4" = 1'-0"



1 S3-02 TYPICAL PRECAST BEARING DETAIL WITH MASONRY WALL ABOVE

SCALE : 3/4" = 1'-0"

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PARTNERS in Architecture, PLC

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MOUNT CLEMENS, MI 48043
P 586.469.3600
F 586.469.3607

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STRUCTURAL ENGINEERS
33426 Five Mile Rd
Livonia, Michigan 48154
ph. 734.855.4810 fx. 734.855.4809
email@sastructuralengineers.com

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CS

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TS

APPROVED BY

TS

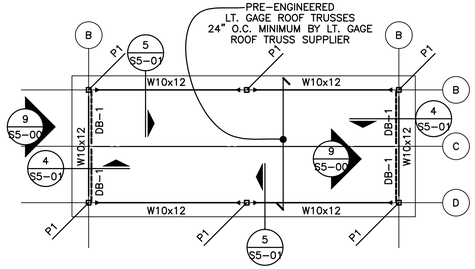
SHEET NAME

MEZZANINE FRAMING PLAN

SHEET NO.

S3-02

EXHIBIT A



HIGH ROOF FRAMING PLAN

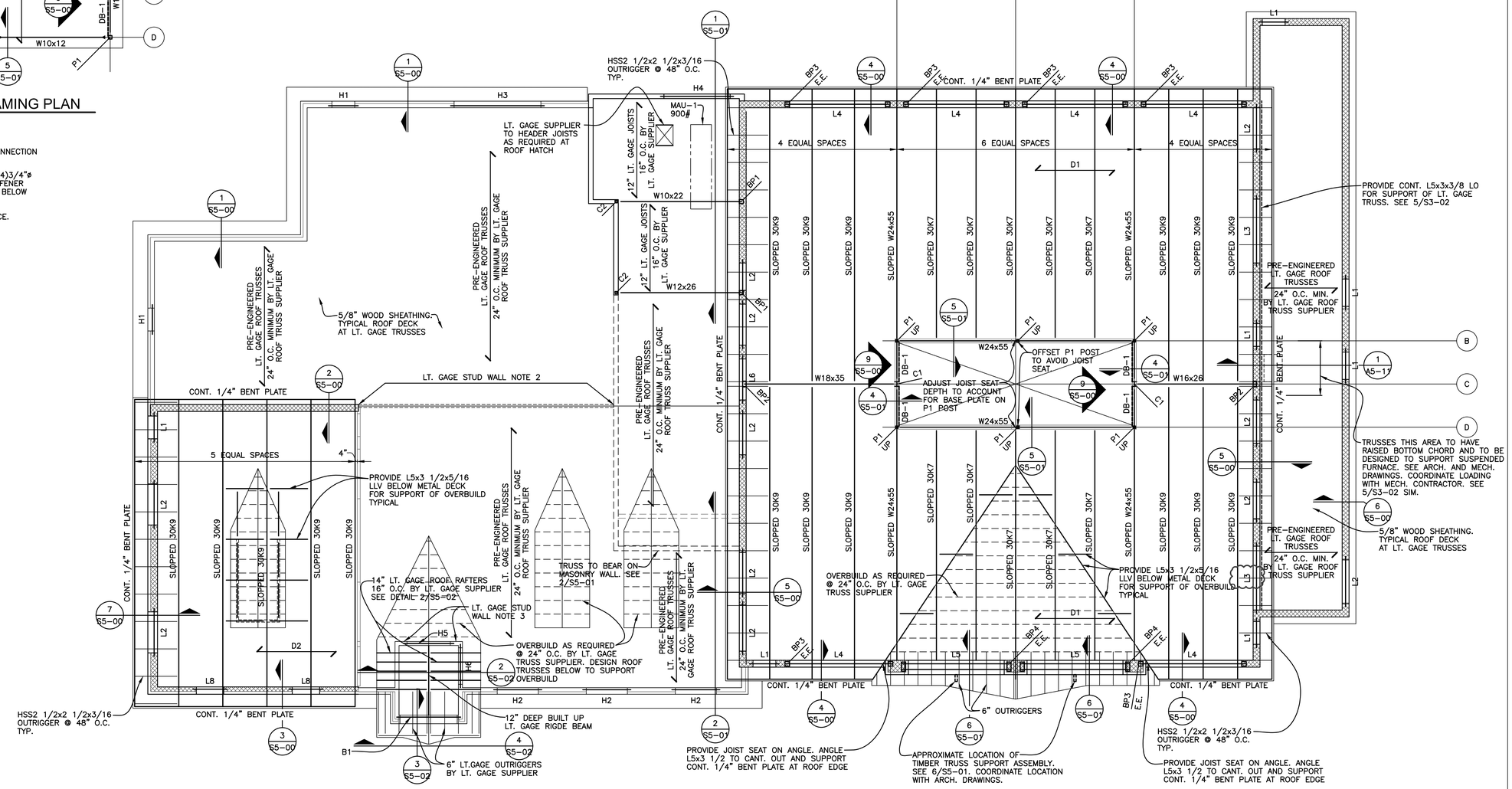
SCALE : 1/8" = 1'-0"

NORTH

INDICATES FULL MOMENT CONNECTION

P1: HSS4x4x3/8 POST COLUMN WITH 1/2" BASE PLATE & (4)3/4"ø BOLTS. PROVIDE 5/16" STIFFENER PLATE EACH SIDE OF BEAM BELOW POST.

DB-1: HSS4x4x1/4 DIAGONAL BRACE. SEE 9/S5-00



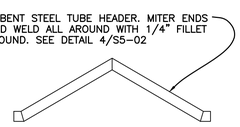
LT. GAGE FRAMING NOTES

1. ALL LIGHT GAGE METAL MEMBERS AND CONNECTIONS SHALL BE DESIGNED BY LT. GAGE SUPPLIER-SUBMIT SHOP DRAWINGS FOR APPROVAL. DETAILS AND MEMBERS SIZES SHOWN ARE MINIMUM. PROVIDE SIGNED AND SEALED SHOP DRAWINGS AND CALCULATIONS. SEE LT. GAGE NOTES 1, 2, & 3/S4-00

STUD WALL NOTES: ALL STUDS TO BE 50 KSI

1. ALL EXTERIOR BEARING WALL STUDS TO BE 600S162-54 @ 16" O.C. MINIMUM BY LT. GAGE SUPPLIER.
2. INTERIOR BEARING WALL STUDS SUPPORTING ROOF TRUSSES ARE TO BE 362S200-54 @ 16" O.C. MINIMUM BY LT. GAGE SUPPLIER. REFER TO ARCHITECTURAL DRAWINGS FOR WALL SCHEDULE.
3. INTERIOR BEARING WALL STUDS SUPPORTING ROOF TRUSSES ARE TO BE 600S162-33 @ 16" O.C. MINIMUM BY LT. GAGE SUPPLIER. REFER TO ARCHITECTURAL DRAWINGS FOR WALL SCHEDULE.

B1: HSS6x6x1/4 BENT STEEL TUBE HEADER. MITER ENDS OF TUBES AND WELD ALL AROUND WITH 1/4" FILLET WELD ALL AROUND. SEE DETAIL 4/S5-02



ROOF FRAMING PLAN

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

NORTH

D1 — 1 1/2-22 GA. GALVANIZED WIDE RIB METAL DECK (3 SPAN MINIMUM) SEE DETAIL 6/S5-00

D2 — 8" THICK TECTUM "E" COMPOSITE ROOF DECK PANELS CONSISTING ON ONE LAYER 7/16" OSB ON 6 1/2" EPS INSULATION FOAM ON 1 1/2" TECTUM SUBSTRATE. REFER TO SPEC FOR ADDITIONAL INFORMATION.

TYPICAL ROOF SHEATHING IS 5/8" NON-COMBUSTIBLE PLYWOOD. PROVIDE ROOF CLIPS TYPICAL AT PANEL EDGES BETWEEN TRUSSES. STAGGER PLYWOOD JOINTS BETWEEN ROWS OF SHEATHING (OFFSET 4'-0" EACH ROW) ATTACH WITH 8d NAILS 6" O.C. AT EDGES AND 12" O.C. IN THE FIELD

SEE SHEET S4-02 FOR HEADER SCHEDULE

SEE SHEET S4-02 FOR LINTEL AND BEARING PLATE SCHEDULES

DB-1: HSS4x4x1/4 DIAGONAL BRACE. SEE 9/S5-00

JOIST FRAMING NOTES:

1: JOIST SUPPLIER TO PROVIDE BRIDGING AS REQUIRED PER SJI

2: JOIST SUPPLIER TO DESIGN ALL ROOF JOISTS FOR A NET UPLIFT OF 15 PSF (DO NOT REDUCE BY 0.6W).

SEE ARCH. DRAWINGS SHEETS A3-02 AND A3-03 FOR DIMENSIONS

COLUMN SCHEDULE

C3	C2	C1	MARK
6x6 P.T. POST	HSS4x4x1/4	W12x58	SIZE
	6"x1/2"x10" BASE PLATE	18"x1 1/4"x1'-6"	BASE PLATE
	(2)3/4"øx1'-4" HEADED ANCHOR	(4)3/4"øx1'-4" HEADED ANCHOR	ANCHOR BOLTS
PROVIDE SIMPSON CBS66 COLUMN BASE.	PLACE ON 3 COURSES GROUTED SOLID MASONRY. PLACE COLUMN BASE PLATE 8" BELOW PRECAST BEARING		REMARKS

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email@sastructuralengineers.com

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Fire Station No. 1

1600 W. Highland Rd.
Highland, MI 48357

PROJECT NO.

18-122A

ISSUES / REVISIONS

Bidding/Construction	03/27/2020
Addendum #1	04/20/2020
Addendum #3	04/30/2020
Construction Set	05/04/2020
ASI 02	07/20/2020

DRAWN BY
CS

CHECKED BY
TS

APPROVED BY
TS

SHEET NAME

ROOF FRAMING PLAN

SHEET NO.

S3-03