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PACKAGE 3 - BUILDING & SITE
- ISSUE FOR PERMIT
10/08/20
REVISIONS

S0.2

001 SE BAILEY ROAD
EE'S SUMMIT, MO 64081

TABLE 1726.8 REQUIRED VERIFICATION AND INSPECTION OF SOIL		
VERIFICATION AND INSPECTION TASK CONTINUOUS DURING TASK LISTED PERIODICALLY DURING TASK LISTED		
1. Verify materials used are suitable for application of design bearing capacity	-	X
2. Verify excavations are extended to proper depth and have reached proper material	-	X
3. Perform classification and testing of compacted materials	-	X
4. Verify use of proper materials, placement and fill thickness during placement and completion of construction	X	-
5. Prior to placement of compacted fill, observe subgrade and verify that site has been prepared properly	-	X

of moisture during the test (see test temperature below 40°F (4 °C) or not water temperature above 90°F (32 °C))			1.10 (1)
8. Application and measurement of prestressing force			ACI 3.08.3C
9. Placement of grout and prestressing grout the tendon tendons is in compliance			ACI 3.08.3B
10. Placement of AAC, masonry units and construction of the test bed	X(1)	X(2)	1.17 (1) 1.4B.2a, 1.4B.2b, 1.4B.2c, 1.4B.4
11. Positive preparation or proven behavior, mortar specimens, and/or pieces			1.4B.4

(1) Frequency refers to the frequency of inspection, which may be continuous during the test itself or periodically during the test task, as defined in the test task.

(2) Required for the first 5000 square feet (469 square meters) of AAC masonry.

(3) Required after the first 5000 square feet (469 square meters) of AAC masonry.

ASD 101 TABLE 2		
Variables: ASD 101B Review		
Exposure Levels/Action Levels		OK OK
Control of dust during work activities		
Welding		
Exposure control		
No welding over cracked tank walls		
Environmental conditions		
Wind speed less than 10 mph		
Temperature and humidity		
WPS followed		
Safety on welding equipment		
Torch used		
Selected welding materials		
Shielding gas type/flow rate		
Preheat applied		
Interpass temperature maintained (if applicable)		
Proper position (i.e., 1G, 2G, 3G)		
Welding methods		
Processes and heat treating		
Elast pads under tanks		
Anti-rust joints applied		
Personal protection of crew (respirators and clothes)		P P
Personal protection of crew (respirators and clothes)		
P - PPE from State for ASD used prior to exposure		

OSC Table 6.0.3.0 Inspection Table 6.0.3.0			
	QC	QA	
Inspection Table 6.0.3.0			
Soil strength and location of wells	P	P	
Bedrock visual confirmation criteria			
Crack probability			
Crack location			
Crack width			
Crack depth			
Crack orientation			
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ASCE 360 TABLE M5.6.3 Inspection Tasks After Bolting		
Inspection Tasks After Bolting	QC	QA
Document acceptance or rejection of bolted connections	P	P

Q- Observe these items on a random basis. Operations need not be delayed pending these inspections.
 P- Perform these tasks for each welded joint or member.

TYPE	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. Installation of open-web steel joists and joint girders		
a. End Connections - welded or bolted	-	X
b. Bridging - Horizontal or diagonal	-	
2. Standard bridging	-	
3. Bridging that differs from the S.B. specifications listed in Section 2207	-	X

S0.2

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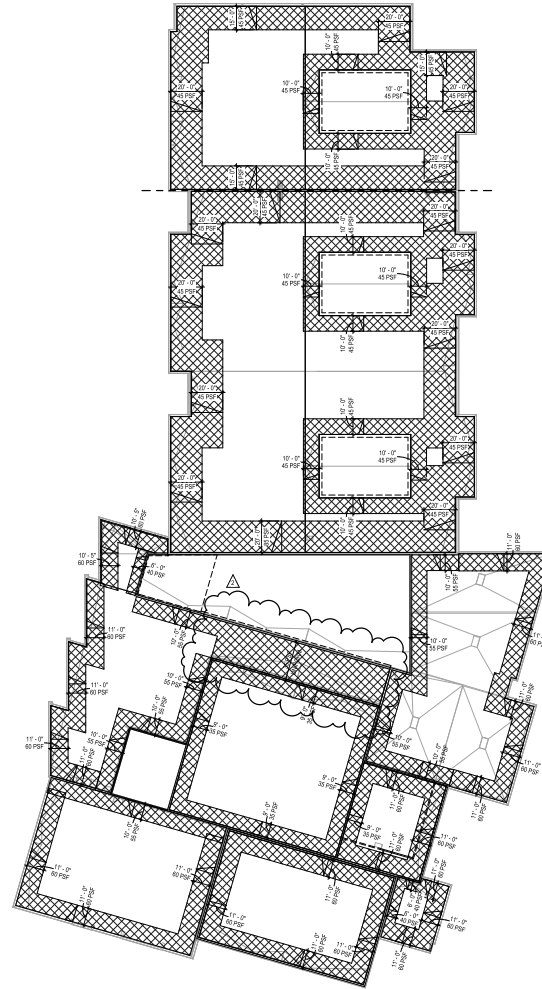


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LEE'S SUMMIT, MO 64081

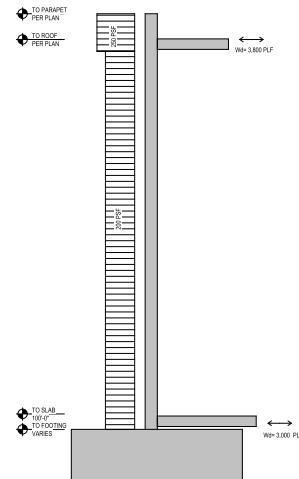
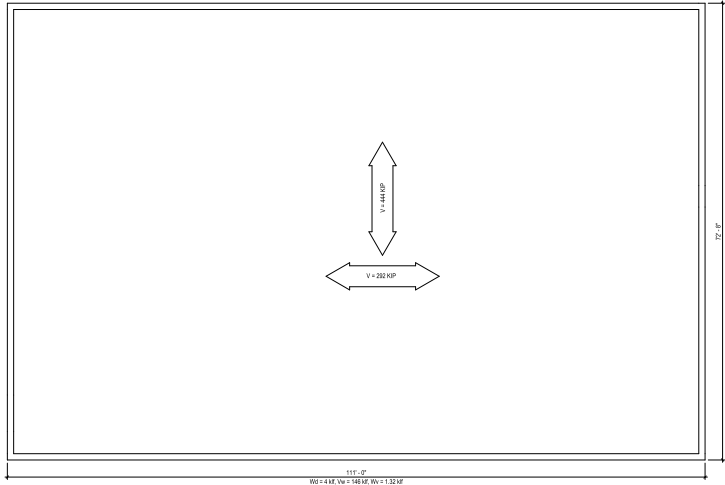
APPENDIX 082 10/19/20

NOW DRIFT
LAN

 SNOW DRIFT PLAN
SCALE: 1/32" = 1'-0"



SHELTER ROOF PLAN (MWFRS)
SCALE: 1/8" = 1'-0"



SHELTER WINDWARD WALL SECTION (MWFRS)
SCALE: 1/8" = 1'-0"

RELEASE FOR CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

GENERAL STORM SHELTER NOTES:
1. THE PORTION OF STRUCTURE SHOWN ON THIS SHEET IS BASED ON STRUCTURAL RECOMMENDATIONS LISTED IN ICC 501.301H "CONSISTENT STANDARDS FOR THE DESIGN AND CONSTRUCTION OF STORM SHELTERS". SHELTER HAS NOT BEEN CONSTRUCTED WITHIN AN AREA OF RISK OF TORNADOES.
2. ALL COMPONENTS THAT MAKE UP THE STORM SHELTER SHALL BE DESIGNED IN STRICT ACCORDANCE WITH ICC 501 STANDARDS. CALCULATIONS SHALL BE PROVIDED AT EACH CONNECTION FOR VERIFICATION OF LOAD PATH.
3. STORM SHELTER WALL AND SLAB ASSEMBLIES HAVE BEEN SELECTED BASED ON ICC 501 AND FEMA 361 RECOMMENDATIONS. NO ADDITIONAL TESTING OR ANALYSIS HAS BEEN PERFORMED TO ESTIMATE THE CHANCE RISK OF COLLAPSE DURING THE ACTUAL TORNADO EVENT.
4. REFER TO ARCHITECTURAL, CIVIL, MEP DRAWINGS FOR STORM SHELTERS, DOORS, WINDOWS AND ATTACHMENT OF THESE COMPONENTS TO THE BUILDING STRUCTURE.
5. DIAPHRAGM SHEARS HAVE BEEN DISTRIBUTED BASED ON A RIGID DIAPHRAGM ASSUMPTION AND ARE SHOWN AS STRENGTH ULTIMATE LEVEL WIND FORCES.
6. LOWER LEVEL SLAB ON GRADE IS USED AS A STRUCTURAL DIAPHRAGM DISTRIBUTING FORCES TO THE FOUNDATIONS. CONTRACTOR SHALL SUBMIT A POOR PLAN FOR REVIEW SHOWING PLANNED LOCATIONS FOR CONSTRUCTION JOINTS.

SHELTER TYPE:
COMMUNITY TORNADO
WIND LOADS:
IN ACCORDANCE WITH ASCE 7-10, CHAPTER 26 AND 27 DIRECTIONAL PROCEDURE
BASIC WIND SPEED: V = 200 MPH
WIND DIRECTION: 11/24/2020
PARTIALLY ENCLOSED, EXPOSURE CATEGORY = "C"
Kz1 = 1.0
Kz2 = 1.0
Kz3 = 1.0
Cd = 0.55
LINE LOAD:
ROOF: 180 PSF
COLLAPSE OF UPPER STRUCTURES WAS CONSIDERED IN THE DESIGN OF THE STORM SHELTERS.

LOAD COMBINATIONS:
1. ALL WIND LOADS SHOWN ON THIS SHEET ARE STRENGTH (ULTIMATE) LEVEL LOADS AND SHALL BE APPLIED WITH THE FOLLOWING LOAD COMBINATIONS IN ADDITION TO THE STANDARD LOAD COMBINATIONS OF ASCE 7-10 CHAPTER 2. COMBINATIONS INDICATED AS NA ARE SEISMIC LOAD CONDITIONS THAT WILL NOT GOVERN IN THE DESIGN.

WIND	WIND
1. 1.2D + 1.6W + 0.5S + 0.5L	1.2D + 1.6W
2. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND	2. 1.2D + 1.6W + 0.5S + 0.5L
3. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND	3. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND
4. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND	4. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND
5. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND	5. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND
6. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND	6. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND
7. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND	7. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND
8. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND	8. 1.2D + 1.6W + 0.5S + 0.5L + 0.5WIND

ALL LOAD CONDITION DESIGNATIONS ARE PER ASCE 7-10 EXCEPT THE FOLLOWING:
WIND = EXTREME WIND EVENT WIND LOAD

TORNADO MISSILE IMPACT CRITERIA:
1. MANUFACTURERS SHALL PROVIDE DATA INDICATING THAT ALL STRUCTURAL PRODUCTS MEET THE IMPACT CRITERIA TEST REQUIRED BY ICC-500 INCLUDING THE IMPACT FROM THE END OF A 10LB 24 IN THE FOLLOWING VELOCITY:
a. VERTICAL SURFACES = 100 MPH
b. HORIZONTAL SURFACES = 67 MPH
2. ALL COMPONENTS OF THE STORM SHELTER ENVELOPE SHALL BE TESTED IN ACCORDANCE WITH ICC-500, SECTION 26 (PRESSURE) AND STORM SHELTER 265 (IMPACT).
QUALITY ASSURANCE, SPECIAL INSPECTION AND STRUCTURAL OBSERVATIONS FOR STORM SHELTER ICC 501.201H:
THE FOLLOWING SPECIAL INSPECTION REQUIREMENTS SHALL BE PERFORMED ON ALL STORM SHELTER COMPONENTS IN ADDITION TO SPECIAL INSPECTION REQUIREMENTS AS STATED IN 2015 BC ON SHEET B0.2.

1. QUALITY ASSURANCE FOR WIND REQUIREMENTS PLAN SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 170 FOR ALL COMPONENTS MAKING UP THE STRUCTURAL SYSTEM OF THE STORM SHELTER AS FOLLOWS:
a. THE MAIN WIND-FORCE-RESISTING SYSTEM THAT IS SUBJECT TO QUALITY ASSURANCE ARE THE:
1. CAST-IN-PLACE CONCRETE ROOF DIAPHRAGM INCLUDING REINFORCEMENT, CHAIRS, COLLECTORS, AND CONNECTIONS TO BEAR WALLS.
2. PRECAST CONCRETE ROOF STRUCTURE.
3. PRECAST CONCRETE SHEAR WALLS INCLUDING CONNECTION TO DIAPHRAGMS, WALL PANEL, TO PANEL CONNECTIONS AND PANEL TO FOOTING CONNECTIONS.
4. CONCRETE FOUNDATIONS.
5. FABRICATION AND INSTALLATION OF COMPONENTS AND ASSEMBLIES AT SHELTER ENVELOPE REQUIRED TO MEET MISSILE IMPACT TESTING OF ICC 501 INCLUDING DOORS, WINDOWS, AND OPENING PROTECTION DEVICES.
b. THE SPECIAL INSPECTIONS REQUIRED ARE INDICATED UNDER SPECIAL INSPECTION ON SHEET B0.2 AND THE ADDITIONAL REQUIREMENTS OF SECTION 170 OF THE IBC. MATERIALS TESTING REQUIRED IS INDICATED UNDER THE SPECIFICATION FOR EACH MATERIAL.
c. STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY A REGISTERED DESIGN PROFESSIONAL EMPLOYED BY THE OWNER TO CONDUCT VISUAL OBSERVATIONS OF THE CONSTRUCTION OF THE STRUCTURAL SYSTEM FOR GENERAL CONFORMANCE TO THE APPROVED CONSTRUCTION DOCUMENTS AT SUBSTANT CONSTRUCTION STAGES AND AT COMPLETION OF THE CONSTRUCTION OF THE STRUCTURAL SYSTEM.

DISTRIBUTION OF OBSERVATION, TESTING AND SPECIAL INSPECTION REPORTS SHALL BE WITHIN TWENTY-FOUR (24) HOURS AFTER EACH SPECIAL INSPECTION. SUBMIT TWO (2) COPIES OF INSPECTION REPORTS TO THE CONTRACTOR, ARCHITECT AND BUILDING OFFICIAL.
2. CONTRACTOR RESPONSIBILITY: EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN-FORCE-RESISTING SYSTEM, OR A WIND-RESISTING COMPONENT LISTED IN THE QUALITY ASSURANCE PLAN, SHALL SUBMIT A WRITTEN CONTRACTORS STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND TO THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENTS. THE CONTRACTORS STATEMENT OF RESPONSIBILITY SHALL INCLUDE THE FOLLOWING:
a. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE QUALITY ASSURANCE PLAN.
b. ACKNOWLEDGE THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITHIN THE CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL.
c. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTORS ORGANIZATION THE METHOD AND FREQUENCY OF REPORTING, AND DISTRIBUTION OF THE REPORTS.
d. IDENTIFICATION AND QUALIFICATIONS OF THE PERSONS EXERCISING SUCH CONTROL AND THEIR POSITION IN THE ORGANIZATION.

COMPONENT AND CLADDING WIND LOADS:
ALL LOADS SHALL BE CONSIDERED AS POSITIVE OR NEGATIVE.
1. WALLS: Wn = 240 PSF (ZONE 4, TYPE 1)
Wn = 240 PSF (ZONE 3, WITHIN 8'-0" OF CORNERS)
2. PARAPETS: Wn = 500 PSF (CASE A, ZONE 2)
Wn = 100 PSF (CASE B, ZONE 3)
Wn = 310 PSF (CASE B, INTERIOR)
Wn = 200 PSF (CASE B, CORNER)
3. ROOFS: Wn = 240 PSF (UP-UP, ZONE 1)
Wn = 240 PSF (UP-UP, ZONE 1)
Wn = 480 PSF (UP-UP, ZONE 2)
Wn = 480 PSF (UP-UP, ZONE 3)
Wn = 140 PSF (POSITIVE ZONE 4 & 1)
Wn = 240 PSF (POSITIVE ZONE 2 & 3)

MAIN WIND-FORCE-RESISTING SYSTEM LOADS (MWFRS):
Wn = 240 PSF (WINDWARD)
Wn = 180 PSF (LEEWARD)
Wn = 180 PSF (SIDE WALL)
USE 200 PSF AGAINST WALL EACH ORTHOGONAL DIRECTION
Wn = 210 PSF (ROOF UP-UP PRESSURE)
Wn = 210 PSF (WINDWARD NET PARAPET PRESSURE)
Wn = 170 PSF (LEEWARD NET PARAPET PRESSURE)

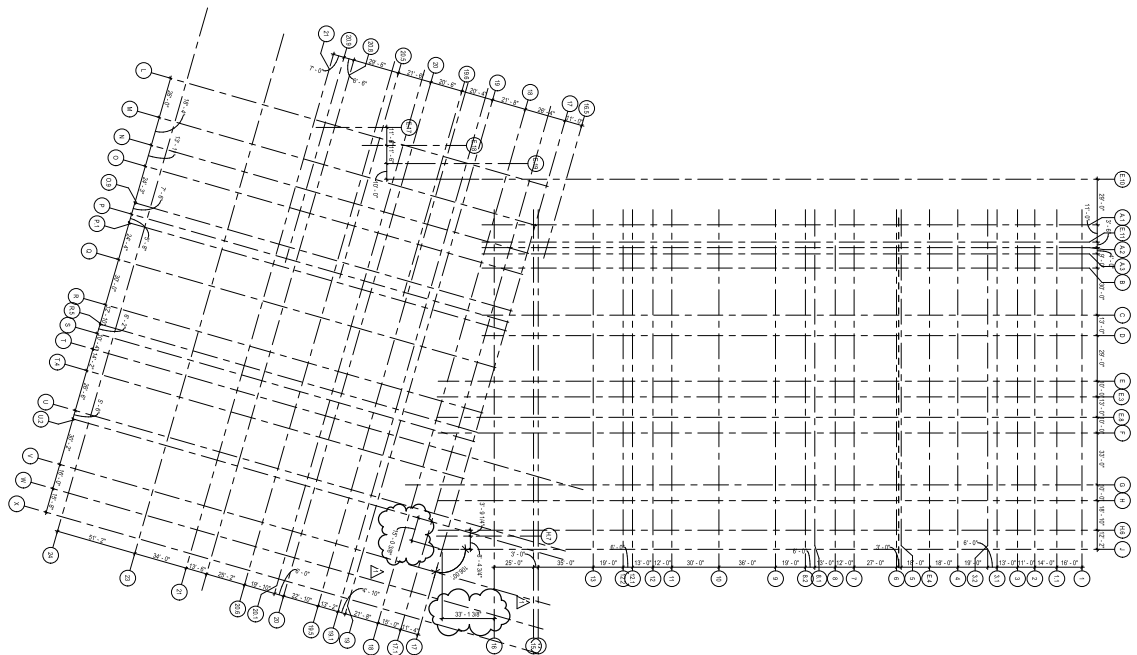
NOTES:
1. TOTAL DIAPHRAGM SHEAR DUE TO EXTREME WIND EVENT IN DIRECTION INDICATED.
Wn = UNIFORMLY DISTRIBUTED LOAD APPLIED TO ROOF DIAPHRAGM (PERPENDICULAR TO WALL).
Wn = TOTAL SHEAR LOAD RESISTED BY THE ENTIRE LENGTH OF SHEAR WALL FROM DIAPHRAGM FORCE DISTRIBUTION.
Wn = DIAPHRAGM SHEAR WALL FORCE OVER THE LENGTH OF THE WALL (PARALLEL TO WALL).



**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

11/24/2020


GRID GEOMETRY



11-20102-00
**GRID GEOMETRY
PLAN**

S0.5

LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

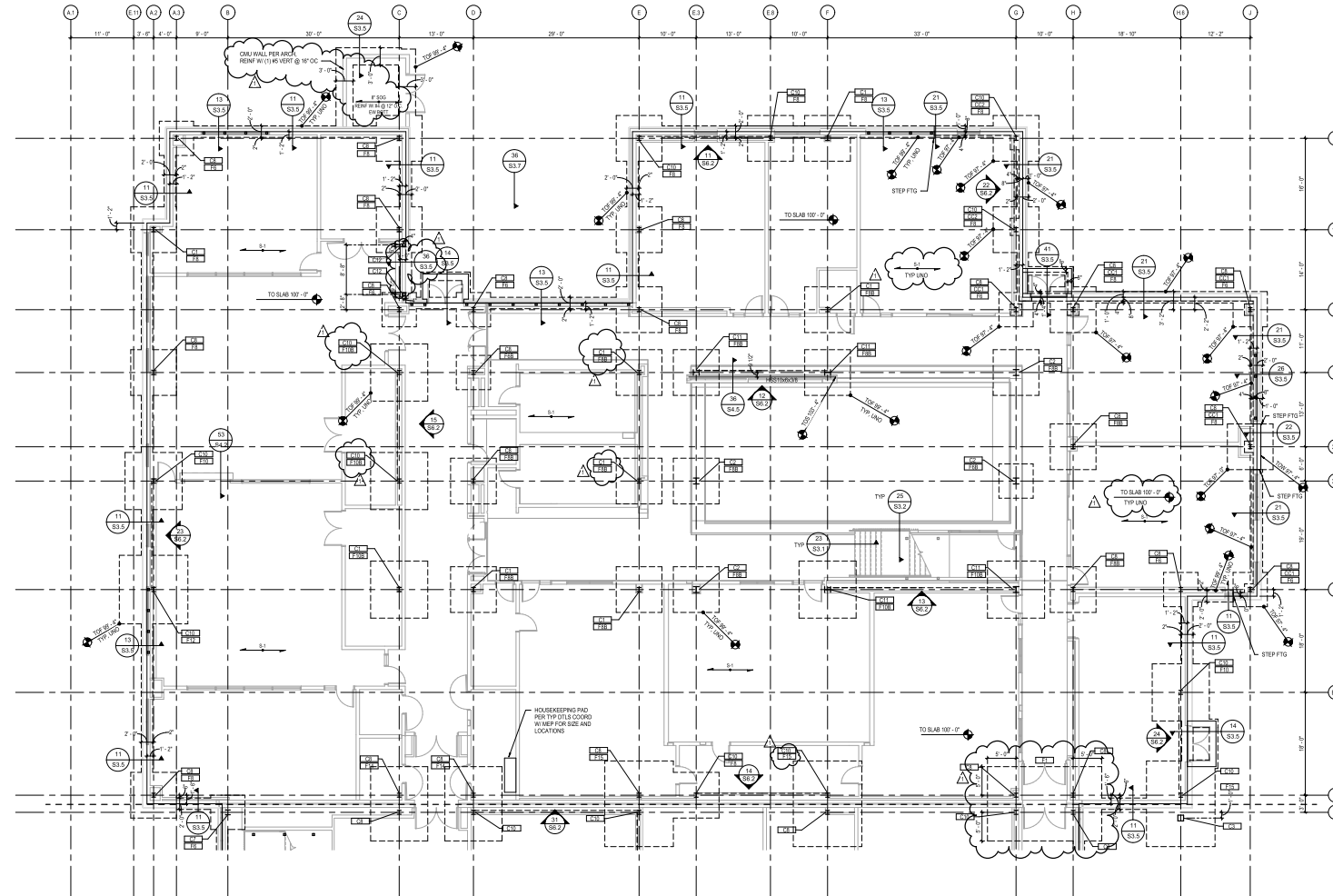
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LEE'S SUMMIT, MO 64081

PROJECT: 1. BUILDING & SITE
DESIGN
DATE: 11/24/2020
SCALE: FOR PERMIT
DRAWN BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]



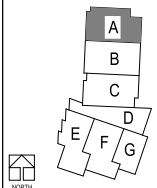
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11/24/2020

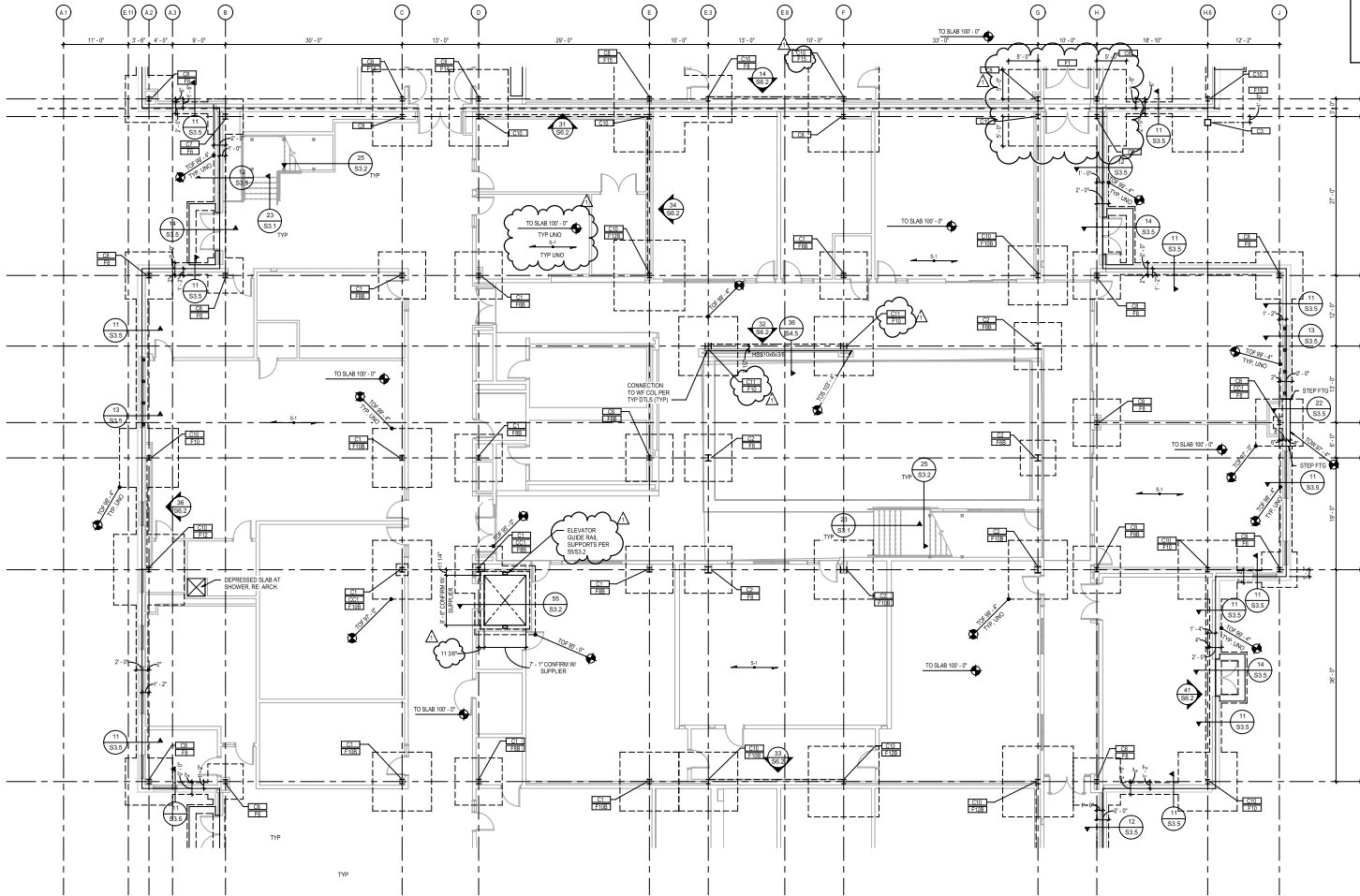


FOUNDATION PLAN - AREA A
SCALE: 1/8" = 1'-0"

KEY PLAN

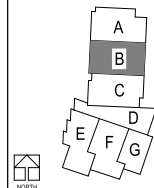


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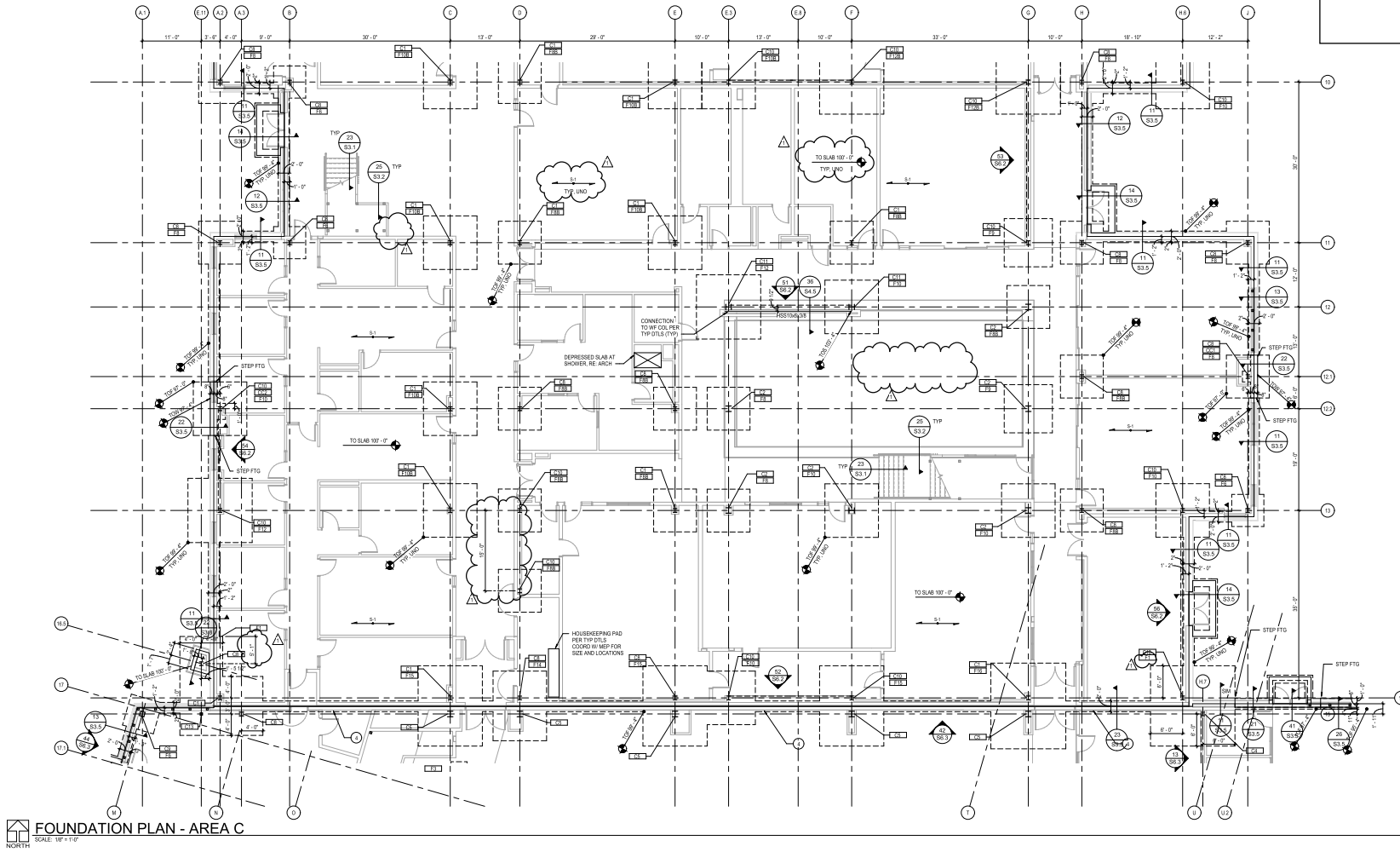


FOUNDATION PLAN - AREA B
SCALE: 1/8" = 1'-0"
NORTH

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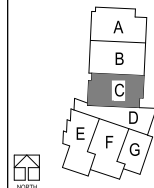


11/24/2020



FOUNDATION PLAN - AREA C
SCALE: 1/8" = 1'-0"
NORTH

KEY PLAN



11/24/2020



LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

100808-001
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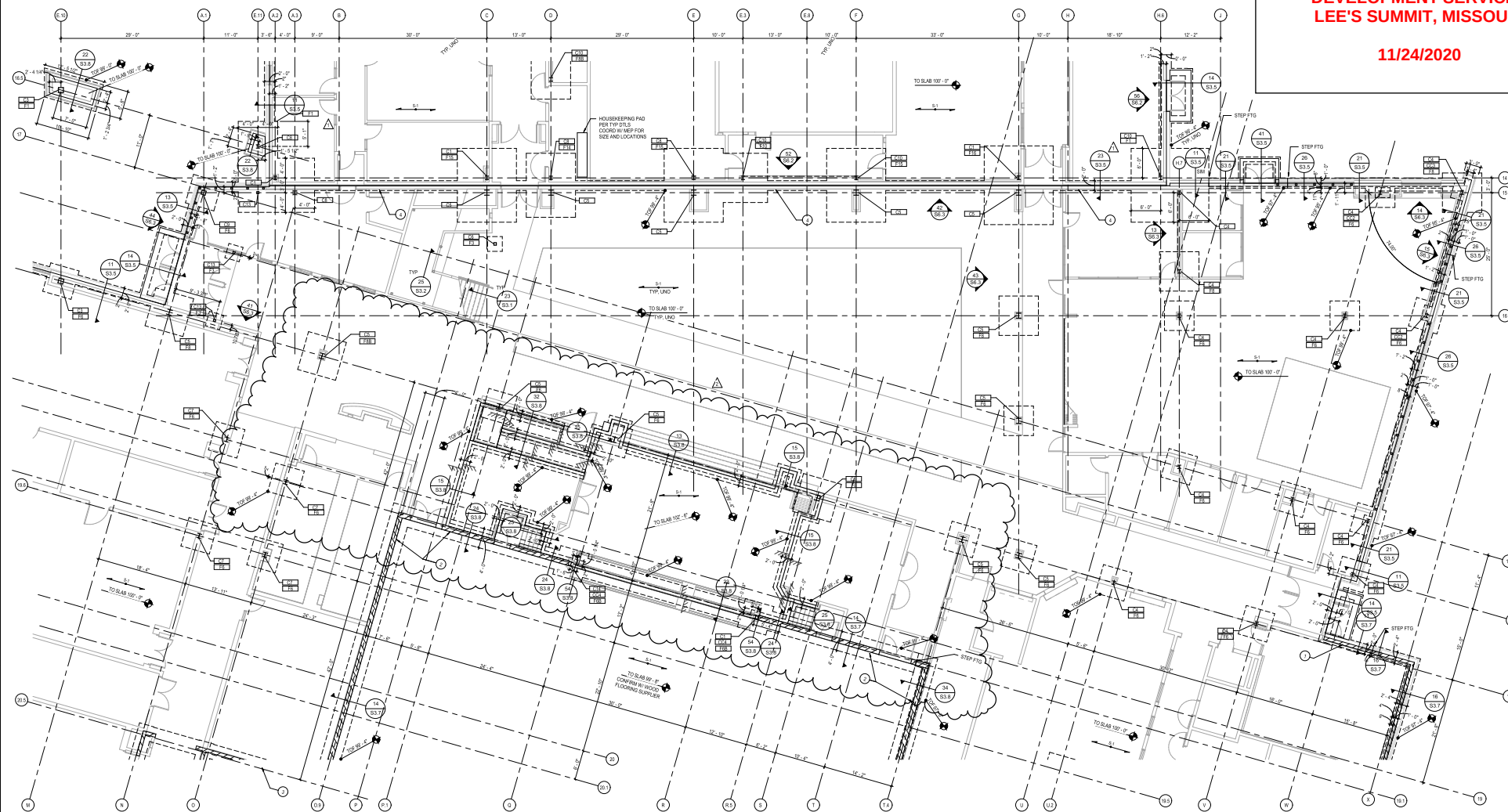
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11/11/2020

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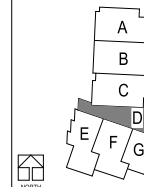
FOUNDATION
PLAN - AREA D

S1.1D

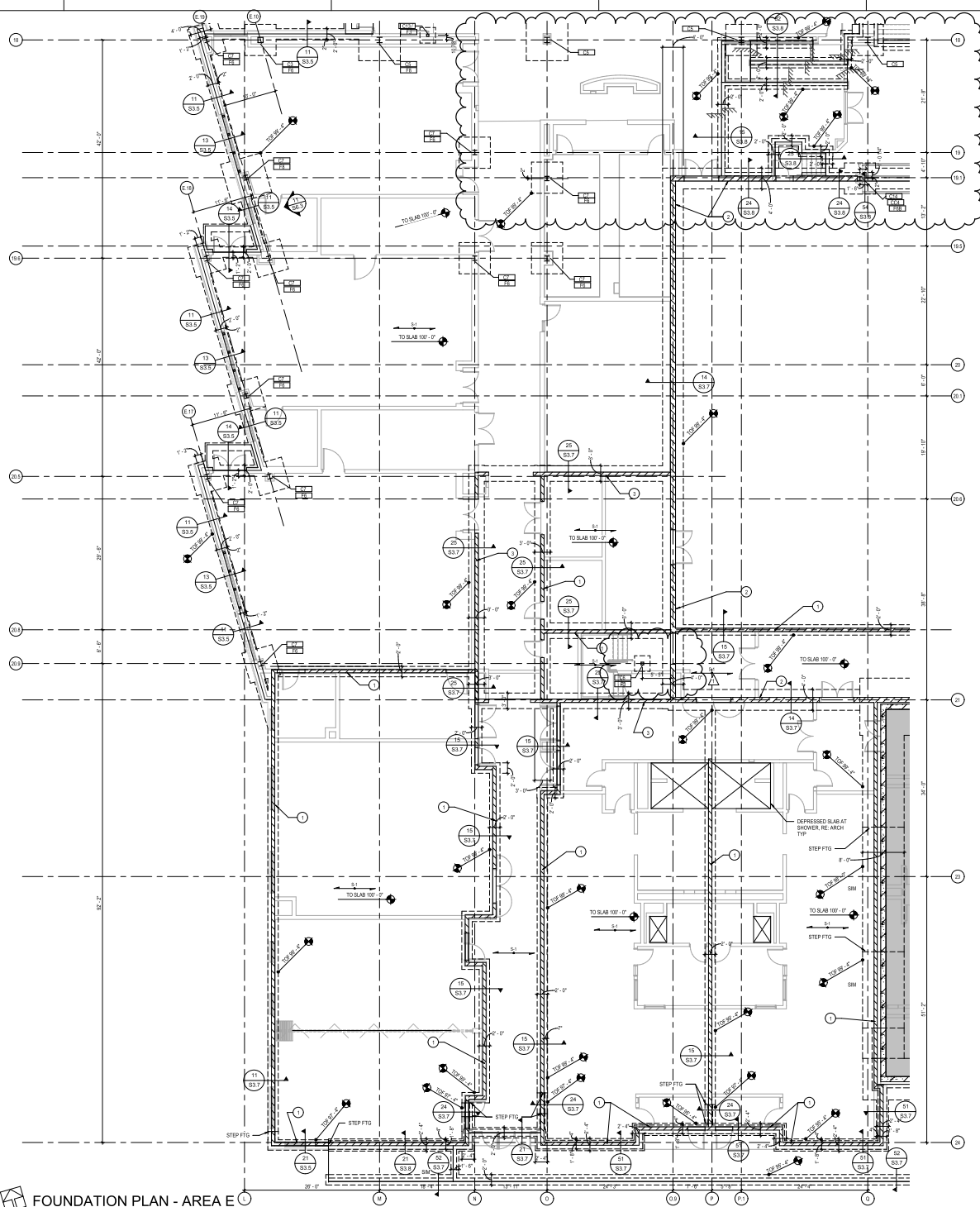


FOUNDATION PLAN - AREA D
SCALE: 1/8"=1'-0"
NORTH

KEY PLAN

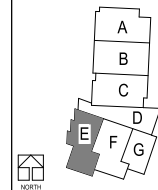


- 1" ONLY LOAD-BEARING WALL, REINFORCE PER GENERAL NOTES
- 2" ONLY LOAD-BEARING WALL, REINFORCE PER GENERAL NOTES
- 3" ONLY LOAD-BEARING WALL, REINFORCE WITH (1) #5 VERTICAL @ 10" OC
- 4" ONLY LOAD-BEARING WALL, REINFORCE WITH (2) #5 VERTICAL @ 8" OC



 **FOUNDATION PLAN - AREA E**
SCALE: 1/8" = 1'-0"

KEY PLAN



S1.1E

1 8" CMU LOAD-BEARING WALL, REINFORCE PER GENERAL NOTES.
2 8" CMU LOAD-BEARING WALL, REINFORCE PER GENERAL NOTES.
3 8" CMU LOAD-BEARING WALL, REINFORCE WITH (1) #5 VERTICAL
@ 16" OC.
4 8" CMU LOAD-BEARING WALL, REINFORCE WITH (2) #5 VERTICAL
@ 8" OC.

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LEE'S SUMMIT R-7 SCHOOL DISTRICT

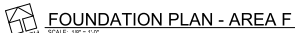
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S1.1F

S1.1F

A map of a city divided into seven blocks labeled A through G. Block F is shaded gray. A compass rose indicates North is towards the top-left.

S1.1F



10/19/2020 11:11:41 AM
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11/24/2020



LEE'S SUMMIT MIDDLE SCHOOL #4

LEE'S SUMMIT R7 SCHOOL DISTRICT

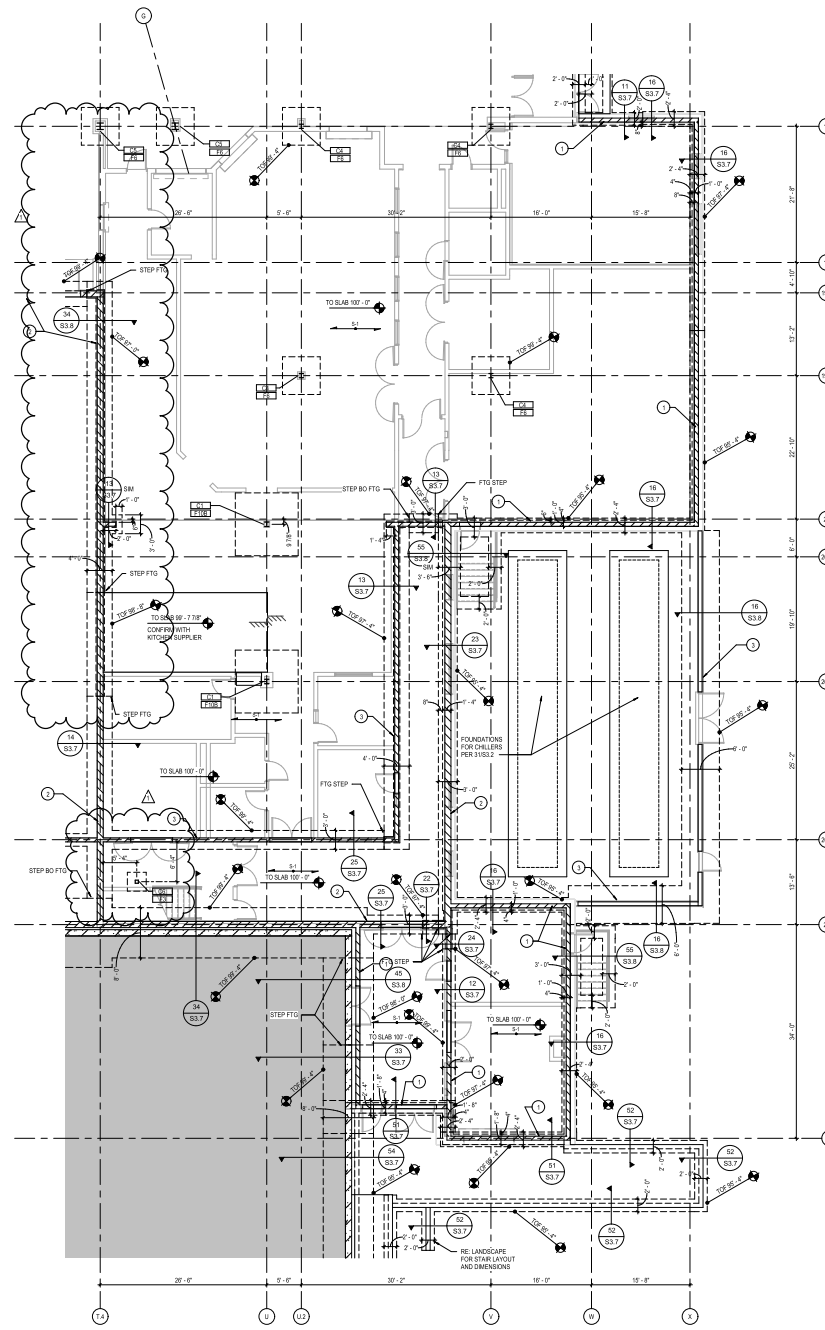
1001 SE BAKER ROAD
LEE'S SUMMIT, MISSOURI 64086

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
10/19/20
REVISIONS
1 ADDRESS/ISSUE 10/19/20

13-20102-00

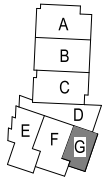
FOUNDATION
PLAN - AREA G

S1.1G



FOUNDATION PLAN - AREA G
SCALE: 1/8"=1'-0"

KEY PLAN



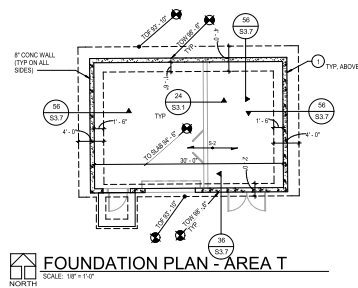
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13-20102-00

S1.1S



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Missouri State Certificate of Authority MO0003

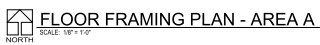
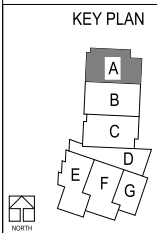


1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

AG-01 11/06/20

FLOOR FRAMING
PLAN - AREA A

S2.1A



07/20/20 4:22:50 PM
 ILM 360.013-20102-00 Lees Summit Middle School 4/13-20102-00_Lee's Summit Middle School 4_ST_2020.rpt

2 ROOF HATCH PER ARCHITECTURAL DRAWINGS.
PROVIDE 2255.1.

3 MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED,
11/24/2020
4 CONFIRM WEIGHT AND DETAILS WITH ACTUAL
EQUIPMENT SELECTED. CONNECTIONS TO ROOF
STRUCTURE IS BY THE GYM EQUIPMENT SUPPLIER.

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

S2.1B



10/7/2020 4:23:10 PM
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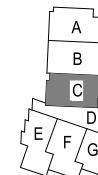
56/54.2 AND 51/55.1
2 ROOF HATCH PER ARCHITECTURAL DRAWINGS.
PROVIDE 2/55.1.
3 MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED
11/24/2020
4 GYM EQUIPMENT ALLOWANCE OF WEIGHT INDICATED
CONFIRM WEIGHT AND DETAILS WITH ACTUAL
EQUIPMENT SELECTED. CONNECTIONS TO ROOF
STRUCTURE IS BY THE GYM EQUIPMENT SUPPLIER.

MISSOURI
JOSEPH H. SMITH
NUMBER
FE-200701252
17-2-20

1001 SE BAILEY ROAD

13-20102-00

S2.1C



360.0113-20102-00 Lees Summit Middle School 4/13-20102-00_Lee's Summit Middle School 4_ST_2020.rvt

11/24/2020



LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R7 SCHOOL DISTRICT

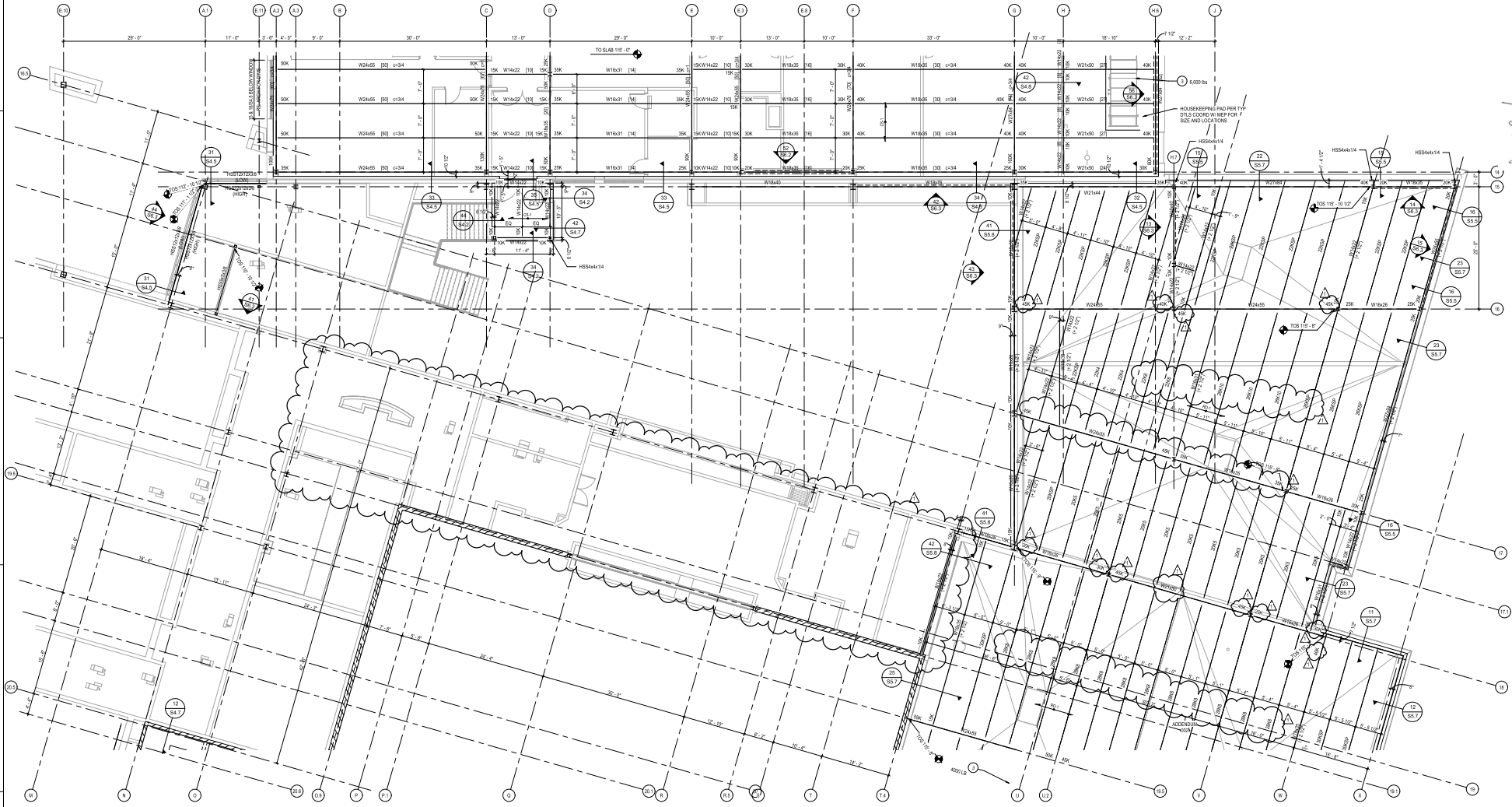
100902
10/09/20
10/09/20

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
10/09/20
10/09/20
10/09/20

12-00102-00

LOW ROOF
FRAMING PLAN -
AREA D

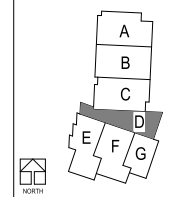
S2.1D

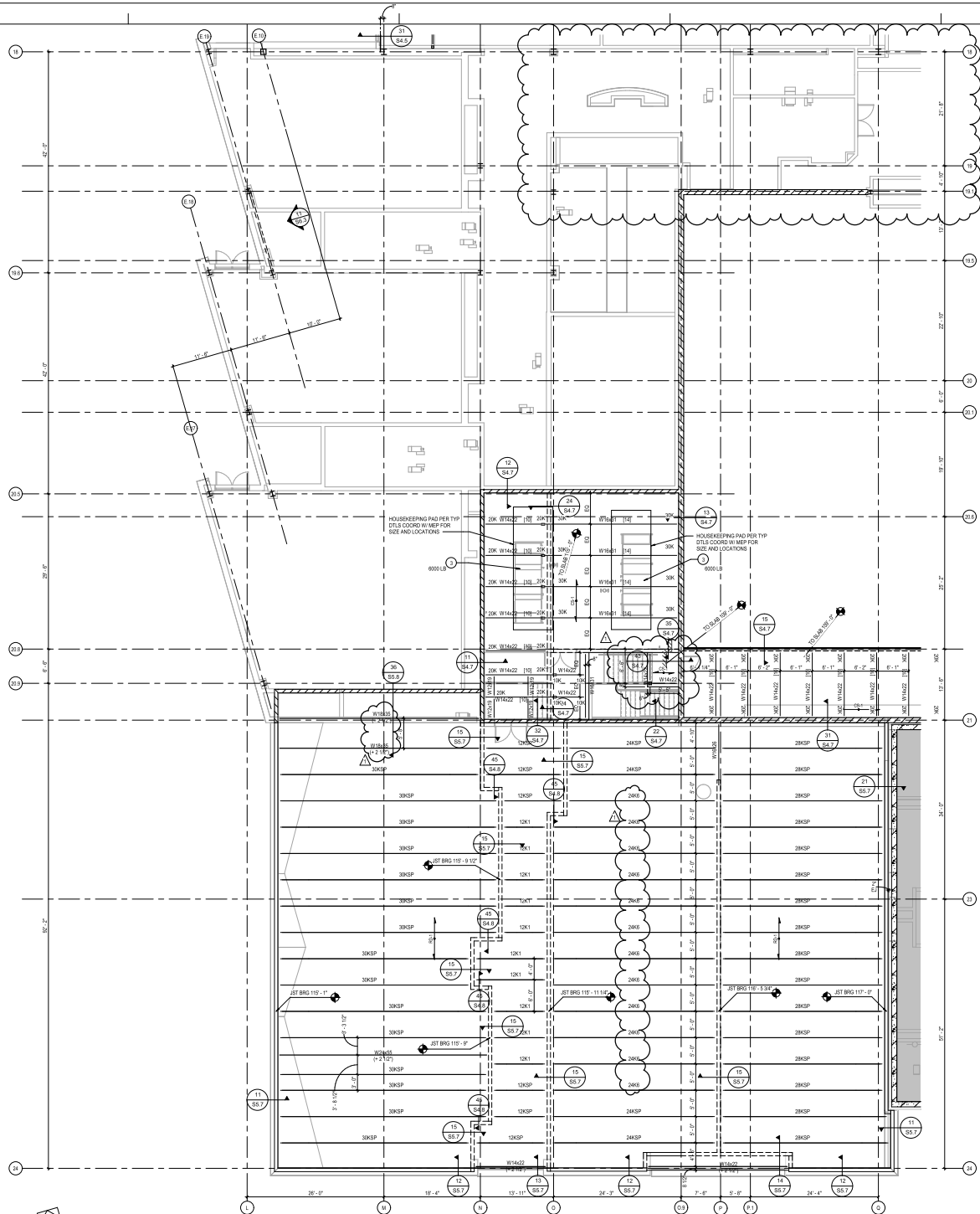


FLOOR FRAMING PLAN - AREA D
SCALE: 1/8" = 1'-0"

1. BOTTOM FLANGE BRACE PER TYPICAL DETAIL PER 1009.2 AND 1009.1
2. ROOF HATCH PER ARCHITECTURAL DRAWINGS. PROVIDE 2X12S.
3. MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED. CONFIRM WITH MECHANICAL SUPPLIER.
4. OWN EQUIPMENT ALLOWANCE OF WEIGHT INDICATED. CONFIRM WEIGHT AND DETAILS WITH ACTUAL EQUIPMENT SELECTED. CONNECTIONS TO ROOF STRUCTURE IS BY THE OWN EQUIPMENT SUPPLIER.

KEY PLAN





FLOOR FRAMING PLAN - AREA E
SCALE: 1/8" = 1'-0"

**RELEASE FOR
CONSTRUCTION**
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI

1. BOTTOM FLANGE BRACE PER TYPICAL DETAIL PER 5054.2 AND 5155.1
2. ROOF HATCH PER ARCHITECTURAL DRAWINGS. PROVIDE LIES.
3. 11/24/2020
4. GYM EQUIPMENT ALLOWANCE OF WEIGHT INDICATED. CONFORM WEIGHT AND DETAILS WITH ACTUAL EQUIPMENT SELECTED. CONNECT DOWNS TO ROOF STRUCTURE USING THE GYM EQUIPMENT SUPPLIER.

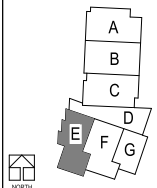


LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R7 SCHOOL DISTRICT

100% USE BASED DESIGN
LEE'S SUMMIT, MISSOURI

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
10/19/20
REVISIONS
1. ADDRESS/DATE: 10/19/20

KEY PLAN



15-20103-00
FLOOR AND LOW
ROOF FRAMING
PLAN - AREA E

S2.1E

2 ROOF HATCH PER ARCHITECTURAL DRAWINGS,
PROVIDE 22SS.1.

3 MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED,
CONFIRM WEIGHT AND DETAILS WITH ACTUAL
EQUIPMENT SELECTED. CONNECTIONS TO ROOF
STRUCTURE IS BY THE GYM EQUIPMENT SUPPLIER.

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

12-20102-00

S2.1F



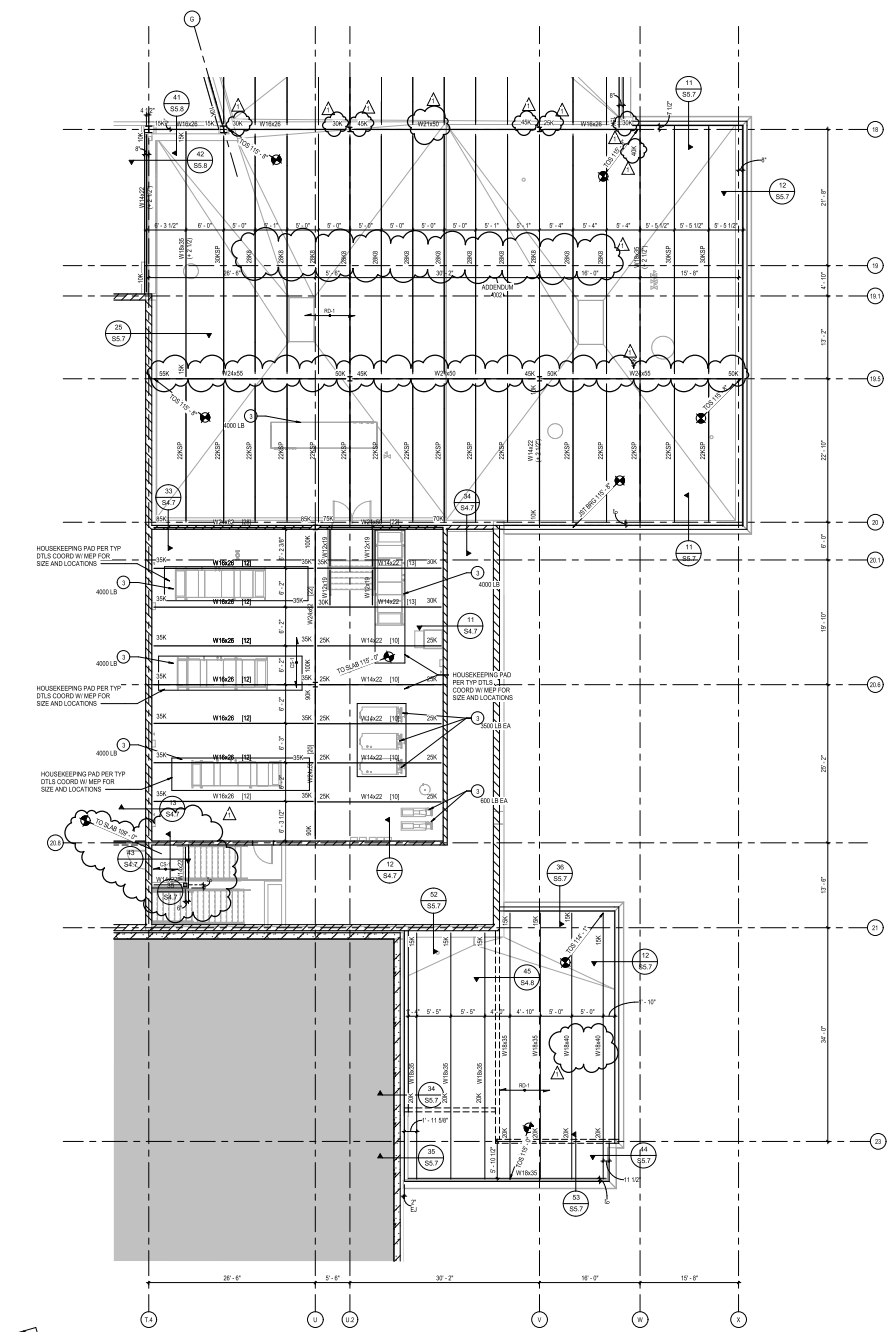
FLOOR FRAMING PLAN - AREA F

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

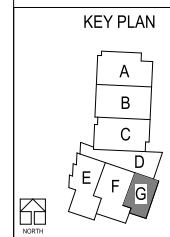
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**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

11/24/2020



FLOOR FRAMING PLAN - AREA G
NORTH ARROW



LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
10/19/20
REVISIONS
1 ADDENDUM 10/19/20

13-20103-00
FLOOR AND LOW
ROOF FRAMING
PLAN - AREA G
S2.1G

**RELEASE FOR
CONSTRUCTION**
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
11/24/2020

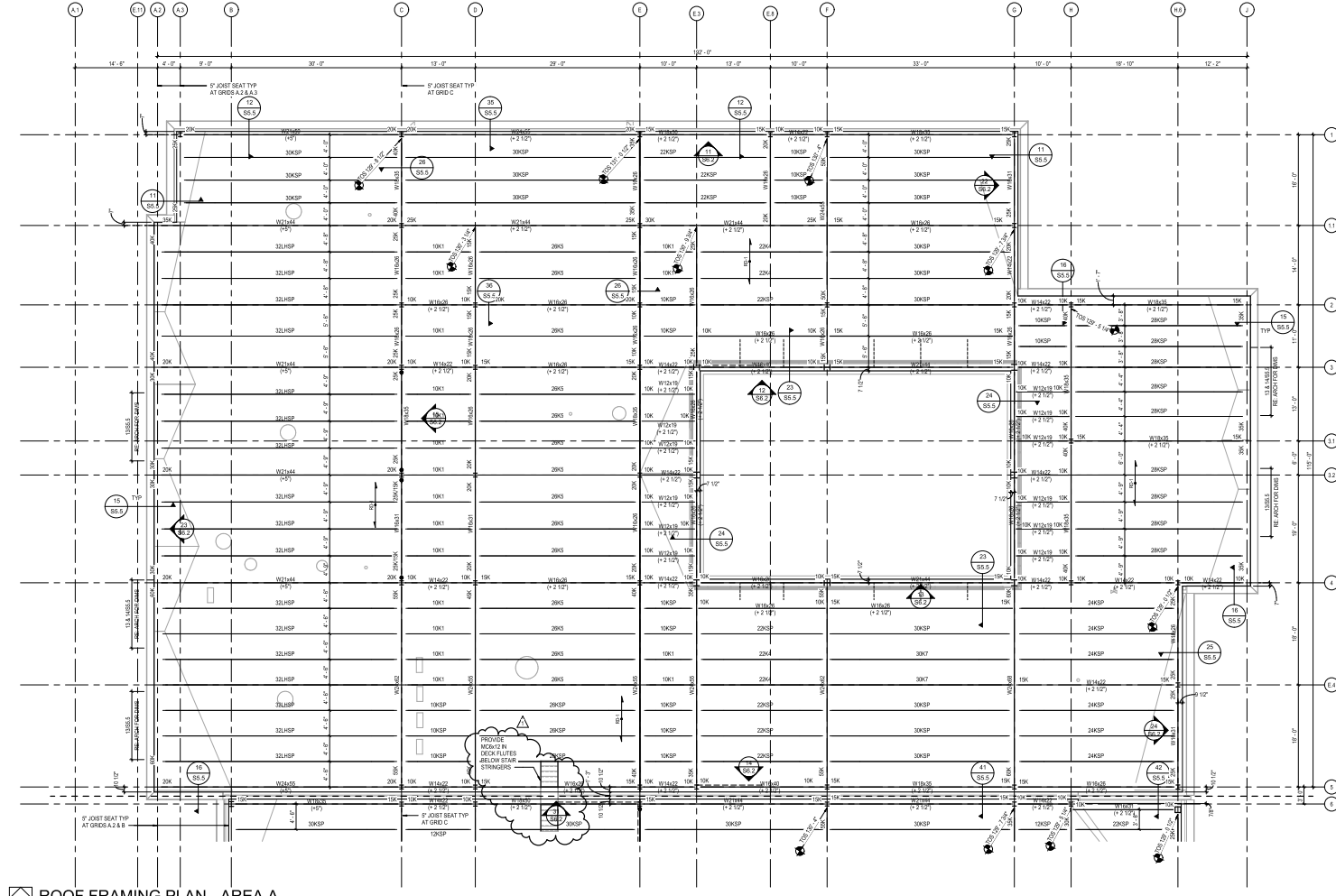


LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

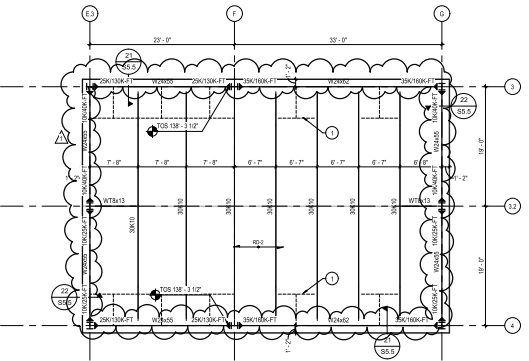
PACKAGE 2 -
STRUCTURAL & SITE UTILITIES
ISSUE FOR PERMIT

15-09103-00
ROOF FRAMING
PLAN - AREA A

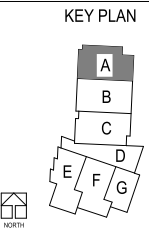
S2.2A



ROOF FRAMING PLAN - AREA A
SCALE: 1/8" = 1'-0"

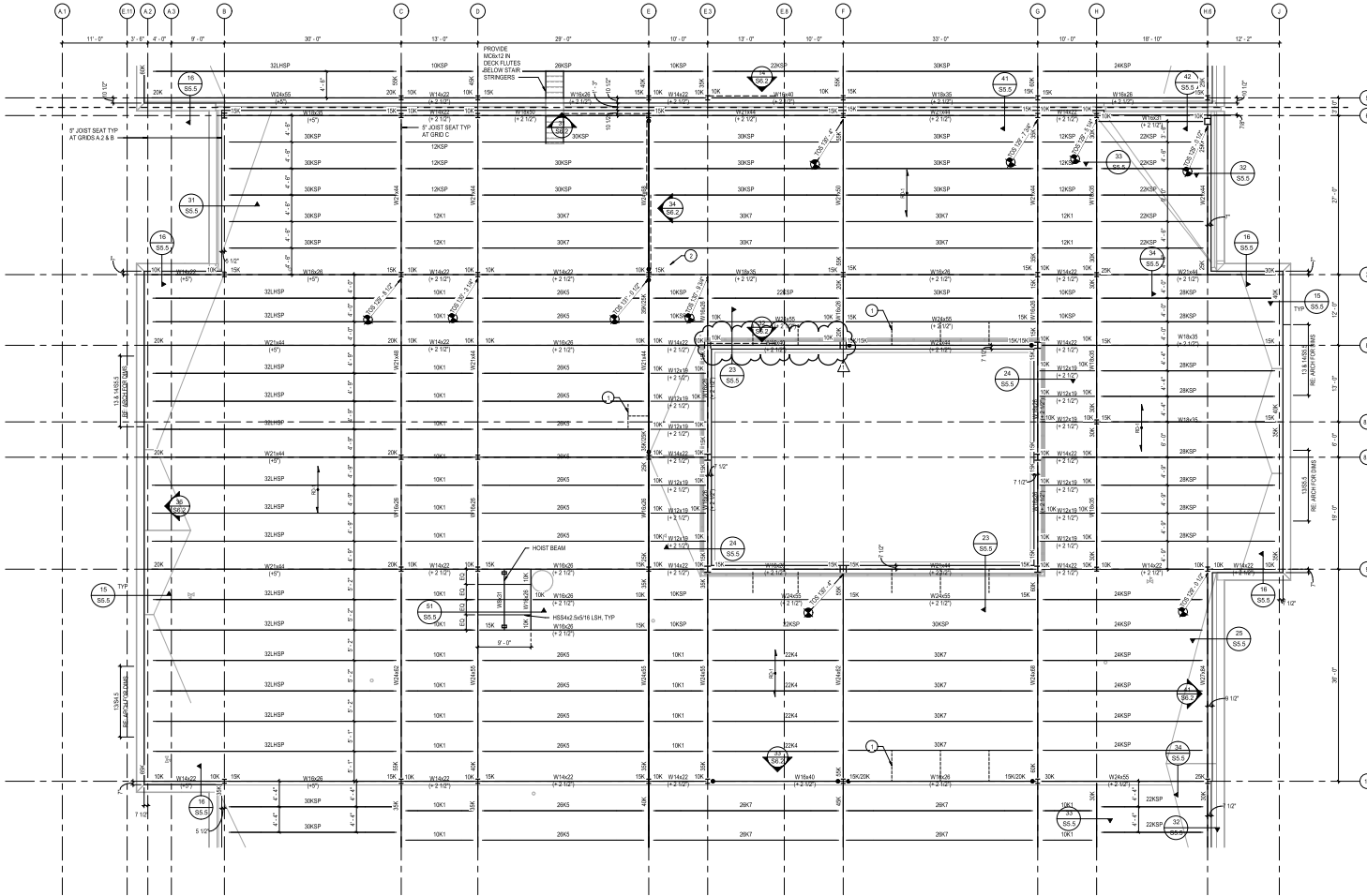
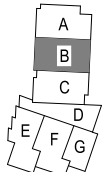


CLERESTORY ROOF FRAMING PLAN - AREA A
SCALE: 1/8" = 1'-0"

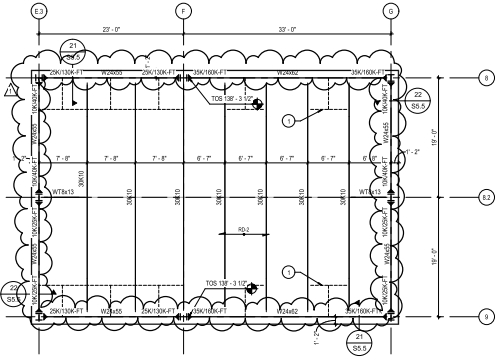




KEY PLAN

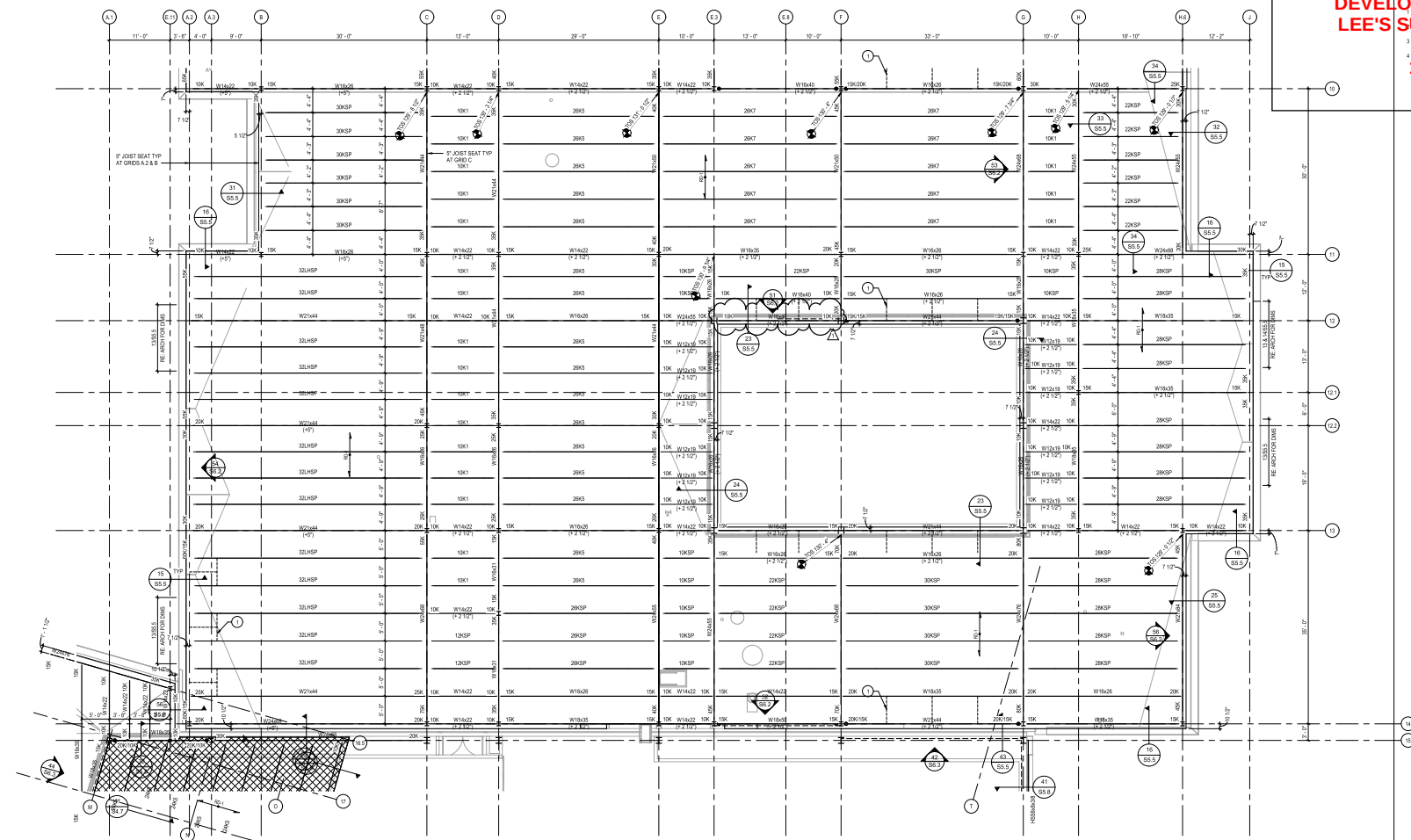
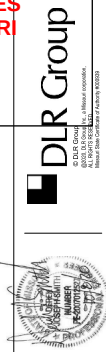


ROOF FRAMING PLAN - AREA B
SCALE: 1/8" = 1'-0"

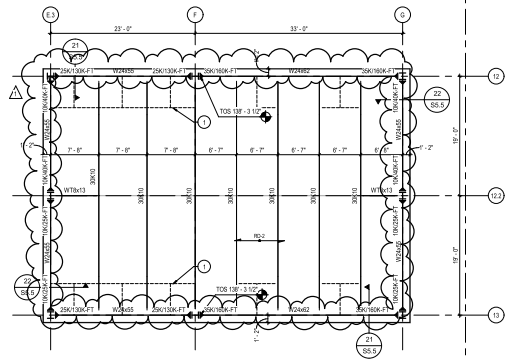


CLERESTOREY ROOF FRAMING PLAN - AREA B
SCALE: 1/8" = 1'-0"

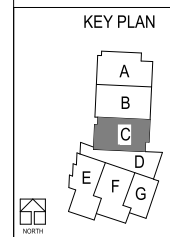
**RELEASE FOR
CONSTRUCTION**
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI
11/24/2020



ROOF FRAMING PLAN - AREA C
SCALE: 1/8" = 1'-0"



CLERESTOREY ROOF FRAMING PLAN - AREA C
SCALE: 1/8" = 1'-0"



LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R7 SCHOOL DISTRICT

PACKAGE 2 -
STRUCTURAL & SITE UTILITIES
ISSUE FOR PERMIT
REVISIONS
1 AB-01 10/03/20

11-20103-00
ROOF FRAMING
PLAN - AREA C
S2.2C

11/24/2020



LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

101902-00
11/24/2020

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
101902-00
REVISIONS
1. ADDRESS ONLY 101902

11-201902-00

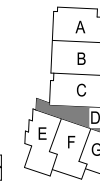
ROOF FRAMING
PLAN - AREA D

S2.2D

ROOF FRAMING PLAN - AREA D
SCALE: 1/8" = 1'-0"

NORTH

KEY PLAN



1. BOTTOM FLANGE BRACE PER TYPICAL DETAIL PER 1059.2 AND 1059.1
2. ROOF HATCH PER ARCHITECTURAL DRAWINGS. PROVIDE 2055.1
3. MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED. CONFORM WITH MECHANICAL SUPPLIER.
4. OVM EQUIPMENT ALLOWANCE OF HEIGHT INDICATED. CONFORM HEIGHT AND DETAILS WITH ACTUAL EQUIPMENT SELECTED. CONNECTIONS TO ROOF STRUCTURE IS BY THE OVM EQUIPMENT SUPPLIER.

 **DLR Group**
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1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

13-20102-00

ROOF FRAMING
PLAN - AREA E

S2.2E



2 ROOF HATCH PER ARCHITECTURAL DRAWINGS.
PROVIDE 22ISS.1.

3 MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED.
CONFIRM WEIGHT AND DETAILS WITH ACTUAL
EQUIPMENT SELECTED. CONNECTIONS TO ROOF
STRUCTURE IS BY THE GYM EQUIPMENT SUPPLIER.

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

-20102-00

S2.2F



ROOF FRAMING PLAN - AREA F

ESM 360113-20102-00 Lees Summit Middle School 4/13/2012:00 Lee's Summit Middle School 4_ST_2020.rpt
10/19/2020 11:13:51 AM

1. SUBMIT PLANS AND PRICE PER-TYPICAL DETAIL PER SECTION 05110.00-1.

2. ROOF MATCH PER ARCHITECTURAL DRAWINGS. PROVIDE 22/5S.1.

3. MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED, CONFIRM WITH MECHANICAL SUPPLIER.

4. UNIT WEIGHT PER SQUARE FOOT OF WEIGHT INDICATED, CONFIRM WITH MECHANICAL SUPPLIER. WITH ACTUAL EQUIPMENT SELECTED, CONNECTIONS TO ROOF STRUCTURE IS BY THE GYM EQUIPMENT SUPPLIER.

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

12-20102-00

S2.2G

A diagram of a building layout. It consists of several rooms labeled A through G. Rooms A, B, and C are in a vertical column at the top. Room D is to the right of C. Rooms E, F, and G are at the bottom, with G being a small room shaded grey, located between F and D. A small icon of a building with two windows is at the bottom left.

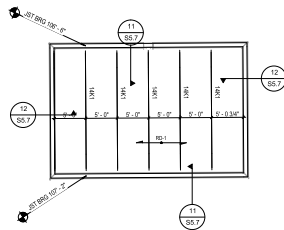
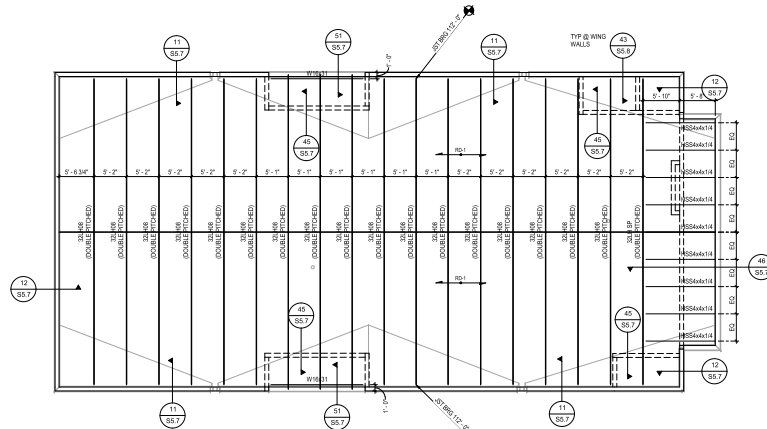


2 ROOF HATCH PER ARCHITECTURAL DRAWINGS.
3 PROVIDE 2255.1.
4 MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED,
5 CONFIRM WEIGHT AND DETAILS WITH ACTUAL
6 EQUIPMENT SELECTED. CONNECTIONS TO ROOF
7 STRUCTURE IS BY THE GYM EQUIPMENT SUPPLIER.

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

13-20102-00

S2.2S



11/24/2020



1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

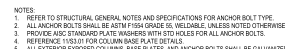
13-20102-00

S2.3D

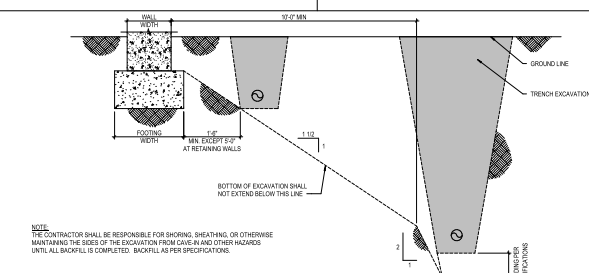


- 1 BOTTOM FLANGE BRACE PER TYPICAL DETAIL PER
SEISA 2 AND S155.1
- 2 ROOF HATCH PER ARCHITECTURAL DRAWINGS.
PROVIDE Z255.1
- 3 MECHANICAL UNIT OF MAXIMUM WEIGHT INDICATED,
CONFIRM WITH MECHANICAL SUPPLIER.
- 4 GYM EQUIPMENT ALLOWANCE OF WEIGHT INDICATED,
CONFIRM WEIGHT AND DETAILS WITH ACTUAL
EQUIPMENT SELECTED. CONNECTIONS TO ROOF
STRUCTURE IS BY THE GYM EQUIPMENT SUPPLIER.

S3.1

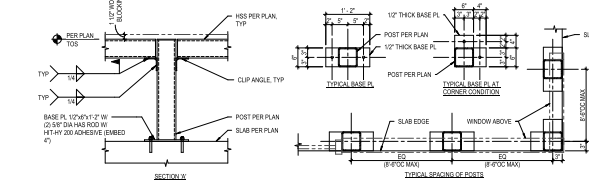


11/24/2020



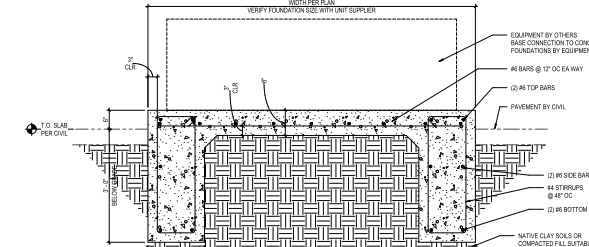
TYP INSTALLATION OF PIPES

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



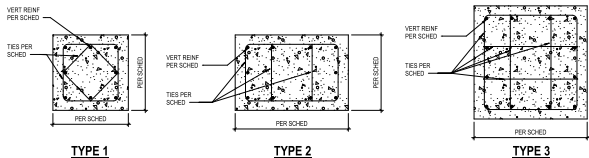
TYP WINDOW OR LOUVER FRAMING SUPPORTS

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



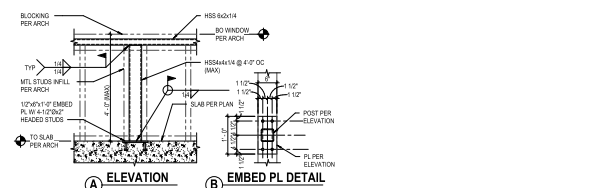
TYPICAL MECHANICAL EQUIPMENT FOUNDATION

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



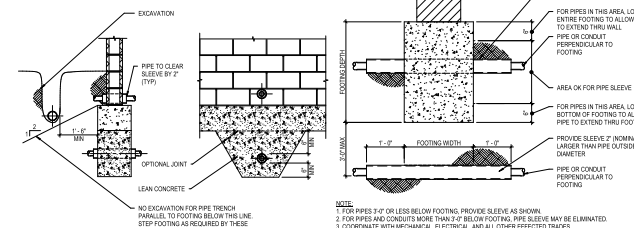
CONCRETE COLUMN SCHEDULE & REINF DETAILS

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



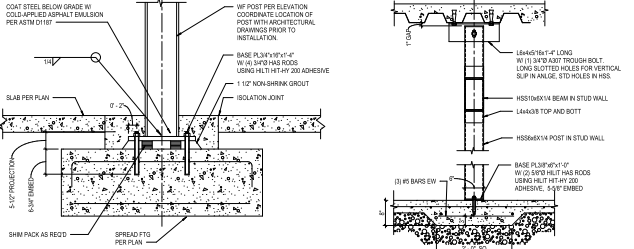
TYPICAL DETAIL

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



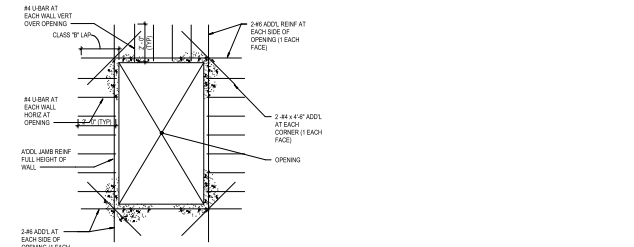
TYP FTG PENETRATION DETAIL

SCALE: 1/2" = 1'-0"



TYPICAL WF POST CONNECTION DETAIL

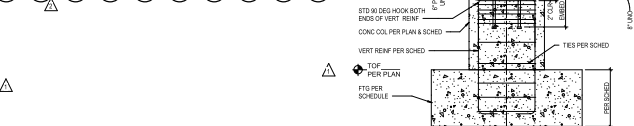
SCALE: 1" = 1'-0"



TYP REINFORCED WALL OPENING DETAIL

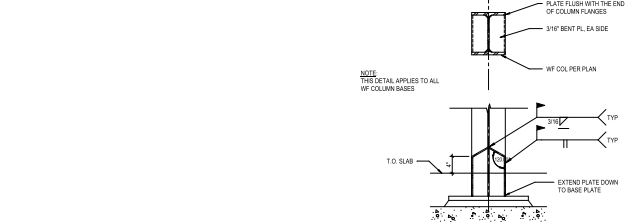
SCALE: 3/4" = 1'-0"

MARK	SIZE	VERTICAL REINFORCEMENT	YES	TYPE
101	24x24	(8) #6 VERT	ALL TIES REINFORCED	TIE
102	24x24	(8) #6 VERT	ALL TIES REINFORCED	TIE
103	24x24	(8) #6 VERT	ALL TIES REINFORCED	TIE
104	24x24	(8) #6 VERT	ALL TIES REINFORCED	TIE



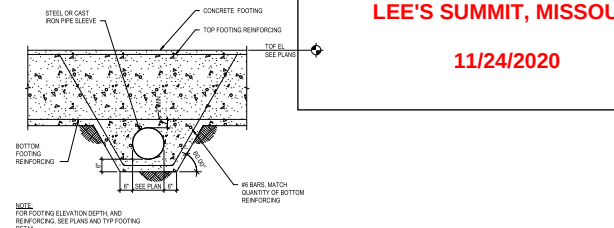
TYP COLUMN BASE ON CONC COLUMN DETAIL

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



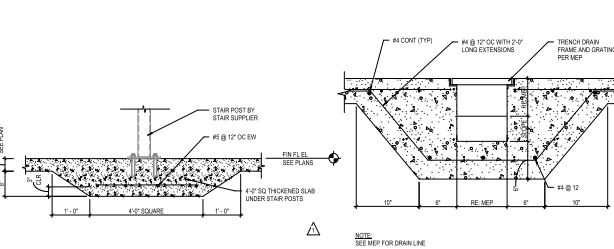
TYP WF BASE CLOSURE PLATE DETAIL

SCALE: 1" = 1'-0"



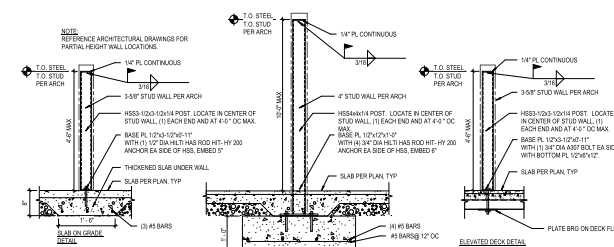
TYP PIPE SLEEVE DETAIL

SCALE: 1/2" = 1'-0"



TYP STAIR POST BASE DETAIL

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



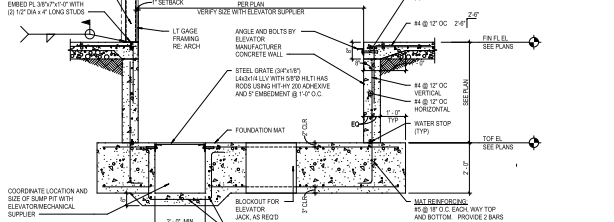
TYP TRENCH DRAIN & UTILITY TRENCH DETAIL

SCALE: 1 1/2" = 1'-0"



TYP PARTIAL HEIGHT WALL SUPPORT DETAIL

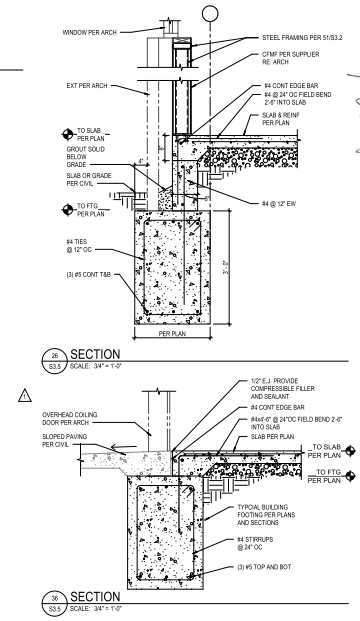
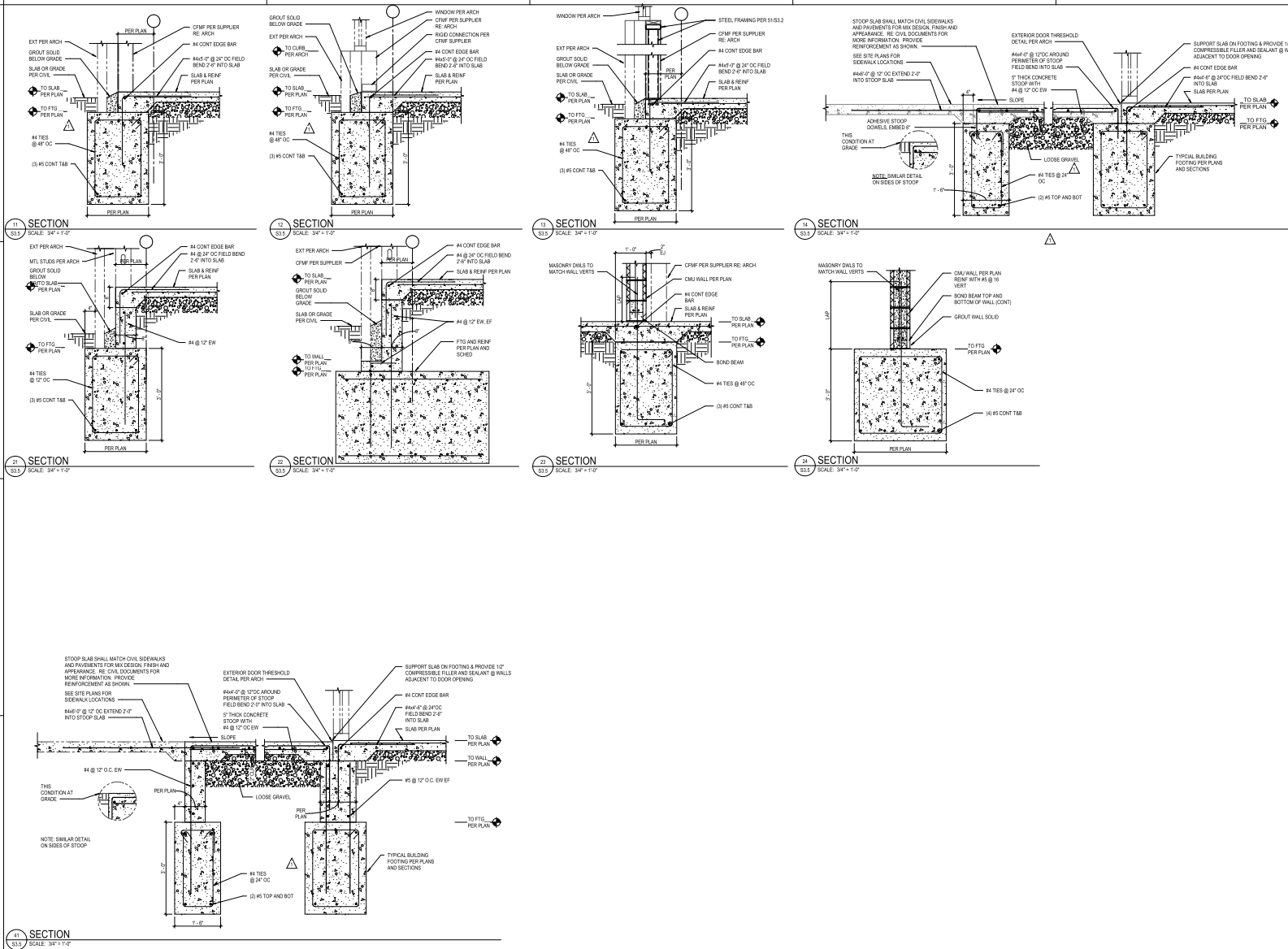
SCALE: 3/4" = 1'-0"



TYP ELEVATOR PIT DETAIL

SCALE: 1/2" = 1'-0"

11/24/2020



11/24/2020 4:27 PM
BAA 3620113-201010-00 Lee's Summit Middle School #4 15-29102-00 Lee's Summit Middle School #4_S3_20201011

**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

11/24/2020

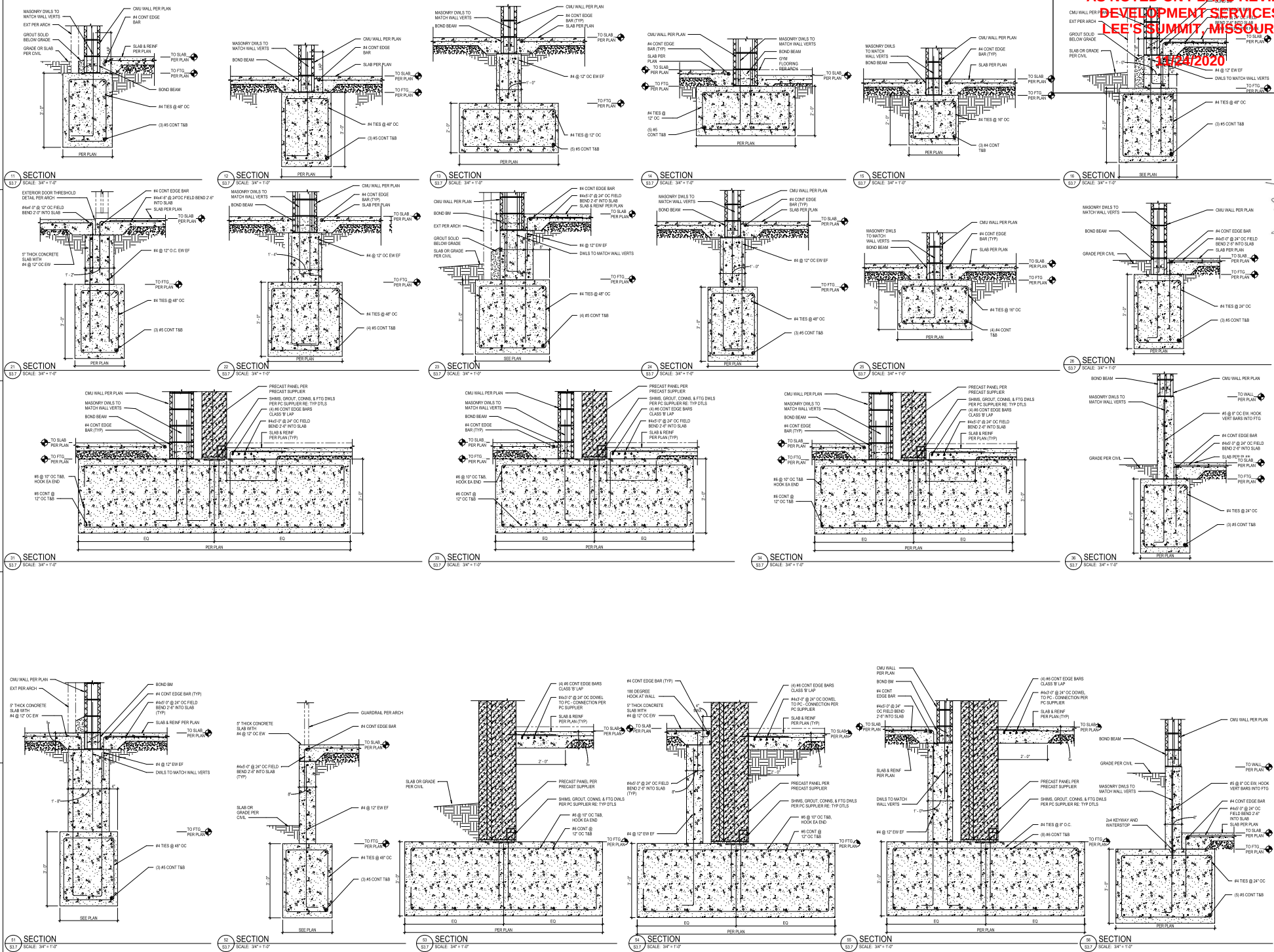


LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
10/19/20
REVISIONS

13-20102-00
FOUNDATION SECTIONS

S3.7



Bldg 302013-13-20102-00, Lee's Summit Middle School #4, 10/19/20, Lee's Summit Middle School #4, S3.7, 2020/11/24

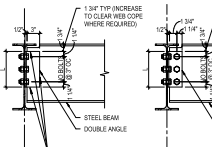


11/24/2020



CONNECTION SCHEDULE			
BM SIZE	MIN NO OF BOLTS	L-ANGLE LENGTH	
W6, W10	2	5'10"	
W12, W14	3	8'10"	
W16, W18	4	11'10"	
W21	5	14'10"	
W24	6	17'10"	
W27	7	20'10"	
W30, W33	8	23'10"	
W36	9	26'10"	

NOTES:
1. USE SIMILAR CONNECTION AT WIDE FLANGE COLUMN FLANGE OR WEB.
2. STEEL SUPPLIER TO DESIGN CONNECTIONS FOR LRFD REACTIONS PER PLAN W/ MIN NUMBER OF BOLTS PER THIS SCHEDULE.
3. IF NO REACTIONS ARE PROVIDED, DESIGN CONNECTIONS TO RESIST 10 THE MAXIMUM TOTAL UNIFORM LRFD LOAD BASED ON SPAN LISTED IN TABLE 3.4 OF THE AISC STEEL CONNECTION MANUAL.

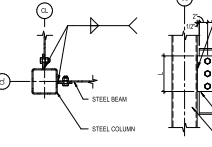


WELDED CONN

TYP WF BEAM CONNECTION DETAIL
SCALE: 1" = 1'-0"

CONNECTION SCHEDULE			
BM SIZE	MIN NO OF BOLTS	L-ANGLE LENGTH	
W6, W10	2	5'10"	
W12, W14	3	8'10"	
W16, W18	4	11'10"	
W21	5	14'10"	
W24	6	17'10"	
W27	7	20'10"	
W30, W33	8	23'10"	
W36	9	26'10"	

NOTES:
1. USE SIMILAR CONNECTION AT WIDE FLANGE COLUMN FLANGE OR WEB.
2. STEEL SUPPLIER TO DESIGN CONNECTIONS FOR LRFD REACTIONS PER PLAN W/ MIN NUMBER OF BOLTS PER THIS SCHEDULE.
3. IF NO REACTIONS ARE PROVIDED, DESIGN CONNECTIONS TO RESIST 10 THE MAXIMUM TOTAL UNIFORM LRFD LOAD BASED ON SPAN LISTED IN TABLE 3.4 OF THE AISC STEEL CONNECTION MANUAL.

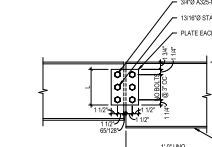


BOLTED CONN

TYP STEEL BEAM CONNECTION DETAIL
SCALE: 1" = 1'-0"

CONNECTION SCHEDULE			
BM SIZE	MIN NO OF BOLTS	L-ANGLE LENGTH	
W6, W10	2	5'10"	
W12, W14	3	8'10"	
W16, W18	4	11'10"	
W21	5	14'10"	
W24	6	17'10"	
W27	7	20'10"	
W30, W33	8	23'10"	
W36	9	26'10"	

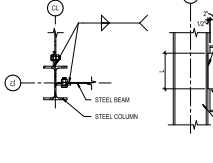
NOTES:
1. STEEL SUPPLIER TO DESIGN CONNECTIONS FOR LRFD REACTIONS PER PLAN W/ MIN NUMBER OF BOLTS PER THIS SCHEDULE.
2. IF NO REACTIONS ARE PROVIDED, DESIGN CONNECTIONS TO RESIST 10 THE MAXIMUM TOTAL UNIFORM LRFD LOAD BASED ON SPAN LISTED IN TABLE 3.4 OF THE AISC STEEL CONNECTION MANUAL.



TYP STEEL BEAM CONNECTION DETAIL
SCALE: 1" = 1'-0"

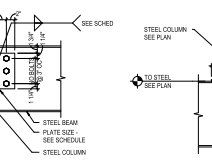
CONNECTION SCHEDULE			
BM SIZE	MIN NO OF BOLTS	L-ANGLE LENGTH	
W6, W10	2	5'10"	
W12, W14	3	8'10"	
W16, W18	4	11'10"	
W21	5	14'10"	
W24	6	17'10"	
W27	7	20'10"	
W30, W33	8	23'10"	
W36	9	26'10"	

NOTES:
1. USE SIMILAR CONNECTION AT WIDE FLANGE COLUMN FLANGE OR WEB.
2. STEEL SUPPLIER TO DESIGN CONNECTIONS FOR LRFD REACTIONS PER PLAN W/ MIN NUMBER OF BOLTS PER THIS SCHEDULE.
3. IF NO REACTIONS ARE PROVIDED, DESIGN CONNECTIONS TO RESIST 10 THE MAXIMUM TOTAL UNIFORM LRFD LOAD BASED ON SPAN LISTED IN TABLE 3.4 OF THE AISC STEEL CONNECTION MANUAL.



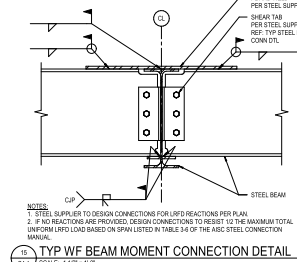
PLAN

TYP STEEL BEAM CONNECTION DETAIL
SCALE: 1" = 1'-0"

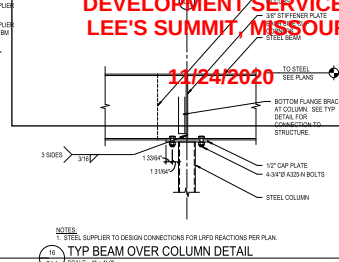


BOLTED CONN

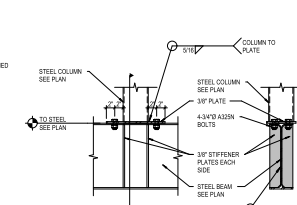
TYP STEEL BEAM CONNECTION DETAIL
SCALE: 1" = 1'-0"



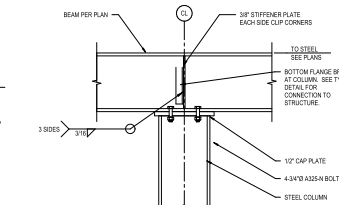
TYP WF BEAM MOMENT CONNECTION DETAIL
SCALE: 1" = 1'-0"



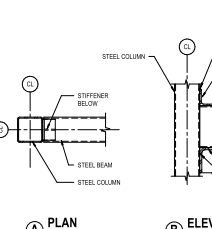
TYP BEAM OVER COLUMN DETAIL
SCALE: 1" = 1'-0"



COLUMN / BEAM CONNECTION DETAIL
SCALE: 1" = 1'-0"

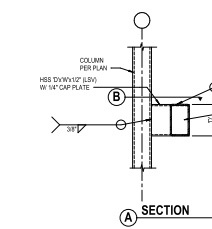


TYP BEAM OVER COLUMN DETAIL
SCALE: 1" = 1'-0"



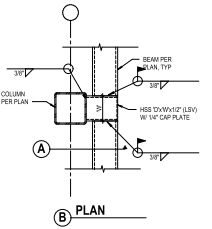
PLAN

TYP HSS BEAM TO HSS COL CONN
SCALE: 1" = 1'-0"



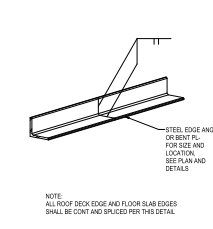
SECTION

TYP HSS BM TO HSS COL CONN DETAIL
SCALE: 3/4" = 1'-0"

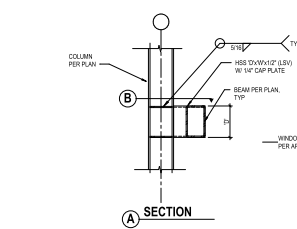


PLAN

TYP HSS BM TO HSS COL CONN DETAIL
SCALE: 3/4" = 1'-0"

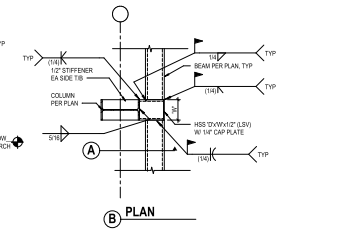


TYP CONT BENT PL SPLICE DET
SCALE: 3/4" = 1'-0"



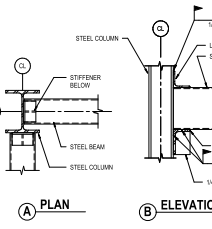
SECTION

TYP HSS BM TO WF COL CONN DETAIL
SCALE: 3/4" = 1'-0"



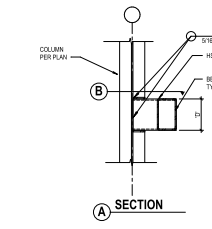
PLAN

TYP HSS BM TO WF COL CONN DETAIL
SCALE: 3/4" = 1'-0"



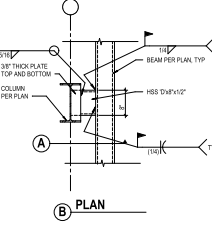
PLAN

TYP HSS BEAM TO WF COL CONN
SCALE: 1" = 1'-0"



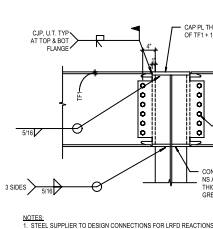
SECTION

TYP HSS BM TO WF COL CONN DETAIL
SCALE: 3/4" = 1'-0"

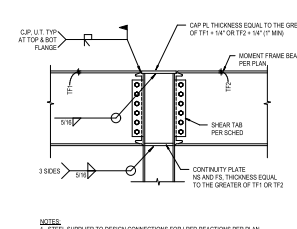


PLAN

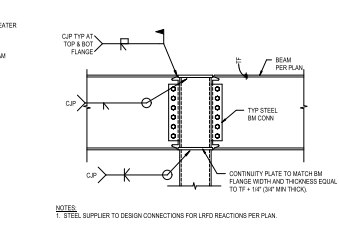
TYP HSS BM TO WF COL CONN DETAIL
SCALE: 3/4" = 1'-0"



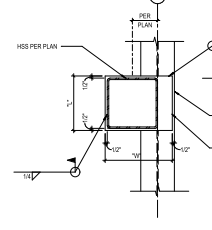
TYP WF BEAM TO WF COL WEB MOMENT CONN DTL
SCALE: 3/4" = 1'-0"



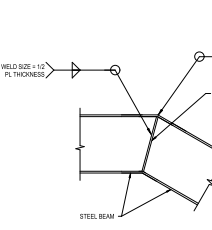
TYP WF BEAM TO WF COL FLANGE MOMENT CONN DTL
SCALE: 3/4" = 1'-0"



TYP WF BEAM TO HSS COL MOMENT CONN DETAIL
SCALE: 3/4" = 1'-0"



TYP OFFSET HSS TO WF COL CONN DTL
SCALE: 1" = 1'-0"



BEAM MITER OR SPLICE DETAIL
SCALE: 1" = 1'-0"

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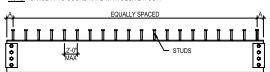


A. BEAM

1. THE NUMBER SHOWN THIS AND FOLLOWING THE BEAM SIZE INDICATES THE NUMBER OF 3/4" HEADED STUDS TO BE PLACED ON THE BEAM. ALL BEAMS (AND GIRDERS) SHALL HAVE HEADED STUDS ATTACHED TO THE TOP FLANGE. IF NO SPECIFIC STUD QUANTITY IS NOTED ON PLANS, THE MAXIMUM STUD SPACING SHALL BE 2'-0". DECK VALLEYS WITHOUT STUDS SHALL BE WELDED.

2. STUD PLACEMENT SHALL BE AS FOLLOWS:
A. NUMBER OF STUDS IS LESS THAN THE NUMBER OF DECK VALLEYS.
B. NUMBER OF STUDS IS GREATER THAN THE NUMBER OF DECK VALLEYS.
C. PLACE ONE STUD IN EACH VALLEY STARTING FROM THE END OF THE BEAM. WHEN TWO STUDS ARE REQUIRED, PLACE STUDS 1'-0" EACH SIDE OF THE BEAM WEB.

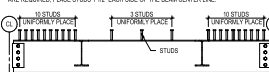
NOTE: SPACE 'A' TO COORDINATE WITH SLAB LAYOUT.



B. GIRDER

1. THE SERIES OF NUMBERS SHOWN THIS AND FOLLOWING THE GIRDER SIZE WHEN ADDED TOGETHER REPRESENT THE TOTAL NUMBER OF STUDS TO BE PLACED ON THE GIRDER. FOR EXAMPLE, (10-3-10) REPRESENTS THE TOTAL OF 23 STUDS TO BE PLACED ON THE GIRDER. THE FIRST AND LAST NUMBER REPRESENTS THE NUMBER OF STUDS TO BE PLACED BETWEEN THE END OF THE GIRDER AND THE FIRST (OR LAST) INTERSECTING BEAM. THE MIDDLE NUMBER REPRESENTS THE NUMBER OF STUDS TO BE PLACED BETWEEN THE TWO INTERSECTING BEAMS.

2. PLACE STUDS UNIFORMLY ALONG THE BEAM OR PORTION OF BEAM INDICATED. CENTER THE STUDS OVER THE WEB AND PROVIDE A MAXIMUM SPACING OF 2'-0" AND A MINIMUM SPACING OF 4'-0". IF THE REQUIRED NUMBER OF STUDS EXCEEDS WHAT CAN BE PLACED AT 4'-0", PLACE A SECOND ROW OF STUDS SPACED AT 4'-0" CENTERS STARTING AT THE END OF THE BEAM UNTIL THE REQUIRED NUMBER OF STUDS IS REACHED. WHEN TWO ROWS OF STUDS ARE REQUIRED, PLACE STUDS 1'-0" EACH SIDE OF THE BEAM CENTER LINE.

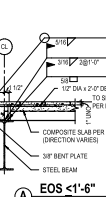


A. AT COMP BEAM

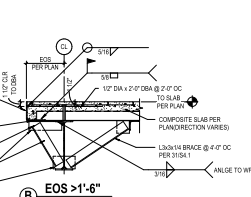
B. AT COMP GIRDER

13. TYP COMPOSITE BM & GIRDER DETAIL

SCALE: 1" = 1'-0"



A. EOS < 1'-6"



B. EOS > 1'-6"

14. TYP SLAB EDGE DETAIL

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

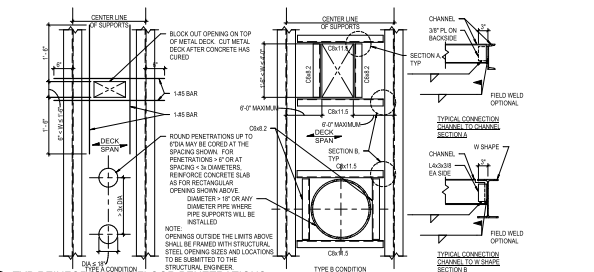
EXAMPLE LAYOUT

11. TYP STUD PLACEMENT DETAIL

SCALE: 1/2" = 1'-0"

EXAMPLE LAYOUT

EXAMPLE: (10-3-10)



19. TYP REINFORCING AT FLOOR PENETRATIONS

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

20. TYP WINDOW AT FLOOR SLAB DETAIL

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

24. TYP CONC PAD DETAIL

SCALE: 1/2" = 1'-0"

25. TYP STEEL DECK FRAMING

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

26. TYP SLAB REINFRANT CORNER DETAIL

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

GRADE (6 BAR (X/10))	BAR SIZE	WELD SIZE	MIN PLATE THICKNESS (IN)
3	1/4	5/16	5/16
4	5/16	5/16	5/16
5	3/8	5/16	5/16
6	3/8	5/16	5/16
7	1/2	1/2	1/2
8	5/8	5/8	5/8
9	5/8	5/8	5/8
10	1 1/8	5/8	5/8
11	3/4	5/8	5/8

NOTE:
THIS DETAIL APPLIES TO ALL
WF COLUMNS AT COMPOSITE FLOOR

27. BAR TO PLATE WELD SCHEDULE

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

28. WELD PARALLEL TO BAR SCHED

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

29. TYP WF BASE CLOSURE PLATE DETAIL

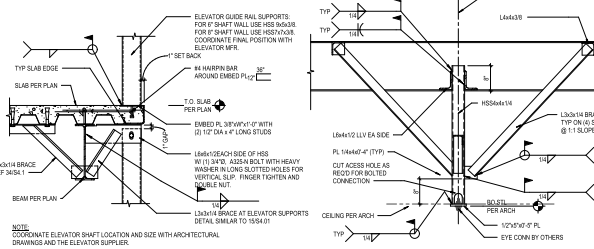
SCALE: 3/4" = 1'-0"

30. TYP STAIR CONN TO FLOOR SLAB DETAIL

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

31. TYP OPERABLE PARTITION SUPPORT DETAIL

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



32. TYP ELEVATOR SHAFT DETAIL

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

33. TYP SWING SUPPORT DETAIL

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

34. TYP OVERHEAD DOOR SUPPORT DETAIL

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

35. COMPOSITE FLOOR SLAB SCHEDULE

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

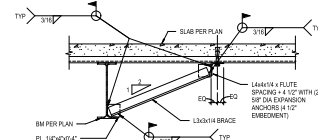


36. TYP BOTTOM FLANGE BRACE DETAIL

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

MARK	DESCRIPTION
CS-1	4-1/2" SLAB ON 2" DEEP 1" DIA GALV ANODIZED COMPOSITE METAL DECK (5-1/2" TOTAL THICKNESS) REINFORCED SLAB WITH 10# WELDED WIRE MESH

NOTES:
1. REFER TO FLOOR TYPICAL DETAILS FOR ADDITIONAL REINFORCEMENT AT COMPOSITE BEAMS.
2. ALL REINFORCEMENT INCLUDING WWR SHALL BE PROPERLY CHAINED BY THE CONTRACTOR.
3. REFERENCE GENERAL NOTES AND SPECIFICATIONS FOR FURTHER INFORMATION.



A. BEAM PARALLEL TO DECK SPAN



B. BEAM PERPENDICULAR TO DECK SPAN

NOTES:
1. FIELD WELDING OF CONNECTION PLATES SHALL BE AT FABRICATORS OPTION.
2. SEE PLANS AND DETAILS FOR LOCATIONS OF BRACES.
3. CLIP CONNECTION PLATES TO CLEAR BEAM AND ANGLE FLUETS.



NOTE:



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



S4.5 SCALE: 3/4" = 1'-0"



S4.5 SCALE: 3/4" =



S4.5 SCALE: 3/4" = 1'



S4.5 SCALE: 3/4" = 1'-0"



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



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



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



SCALE: 34" =



54.5 SCALE: 3/4" = 1'



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



043



1000000



34/3 SCALE: 34 = 10



54.0



(94/3) G.L.B. 87 = 1



31.9



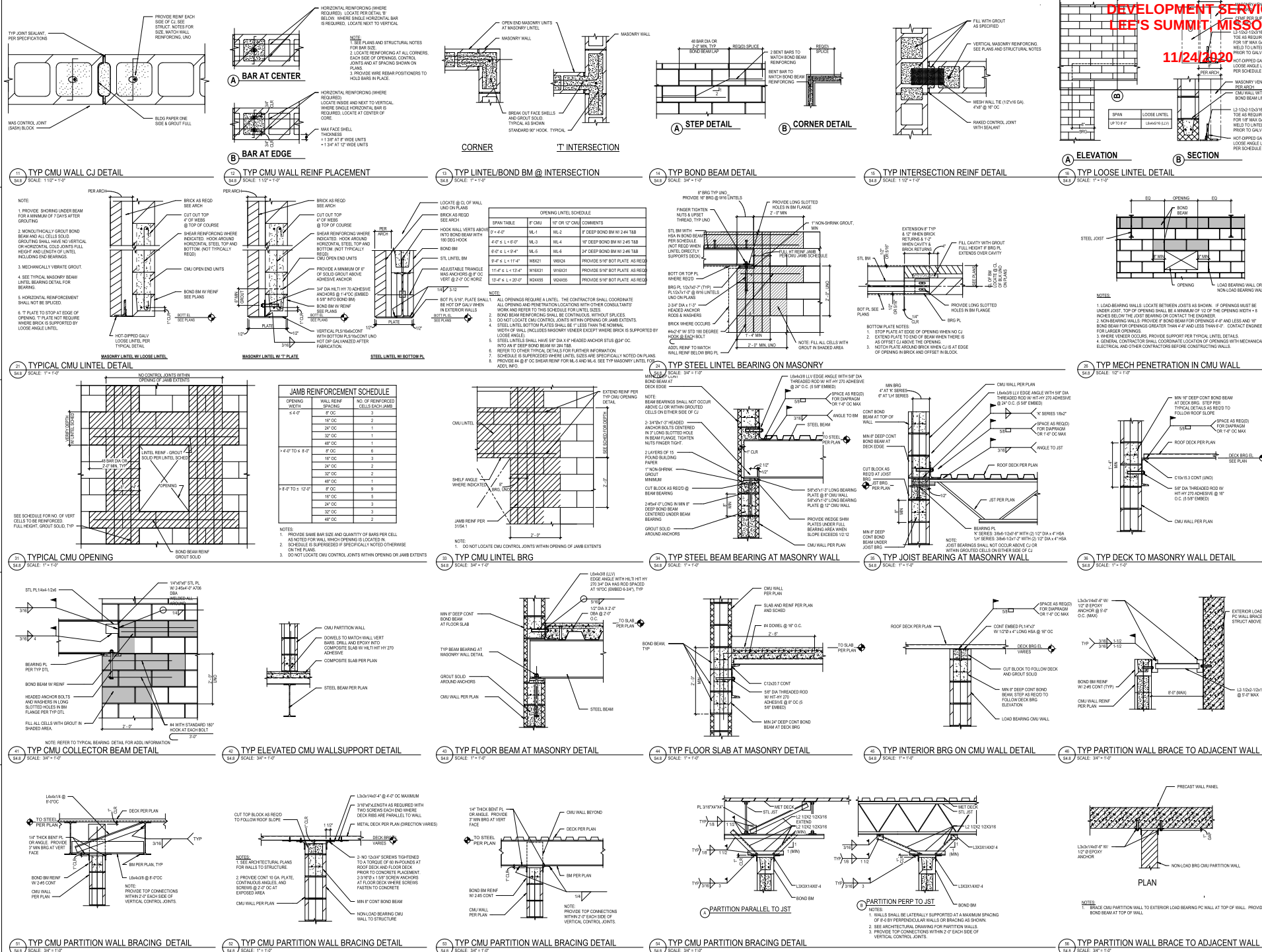
○



○

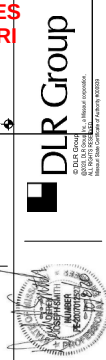


11/24/2020



**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

11/24/2020

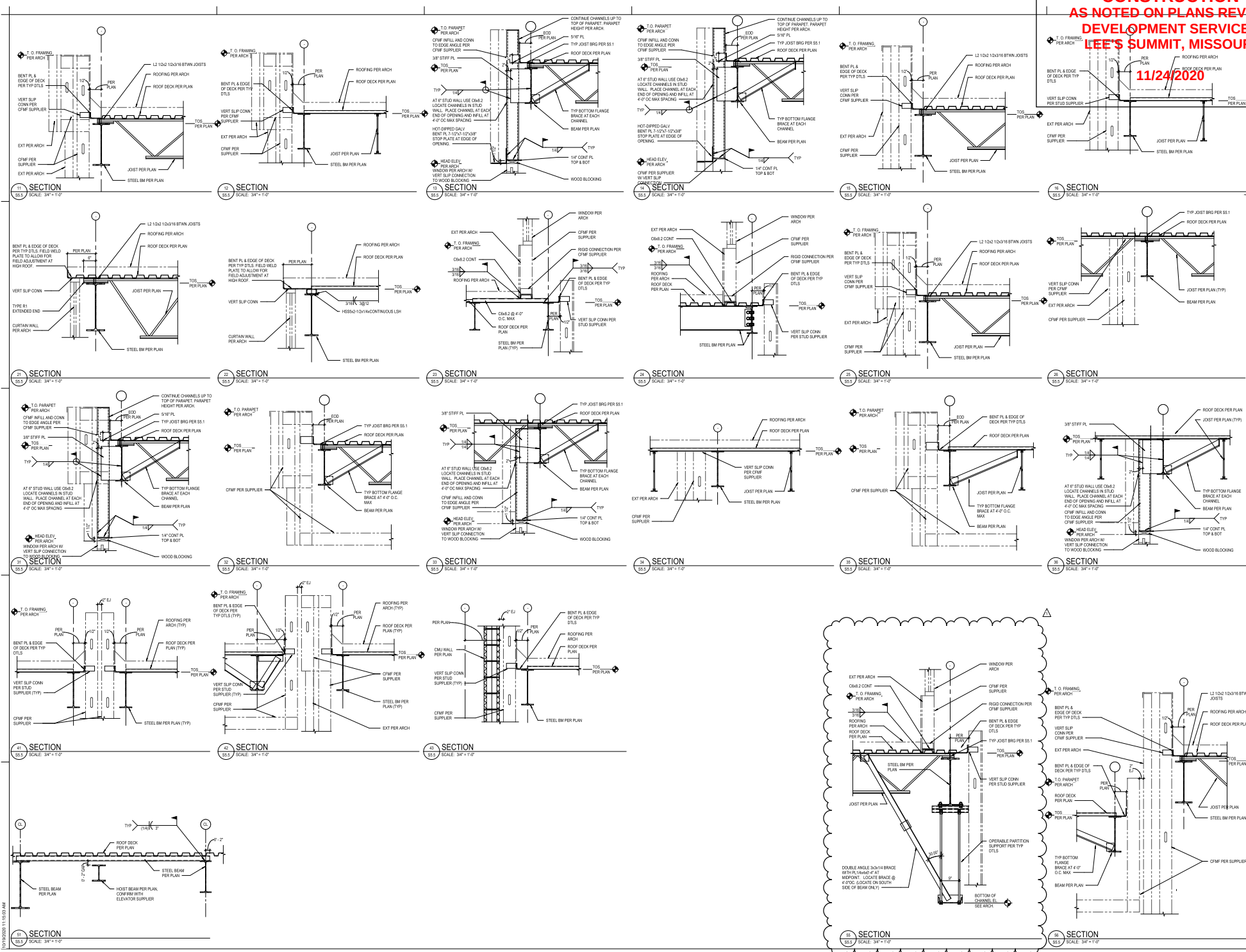


LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
10/19/20
REVISIONS
1. 10/20/2019 10/19/20

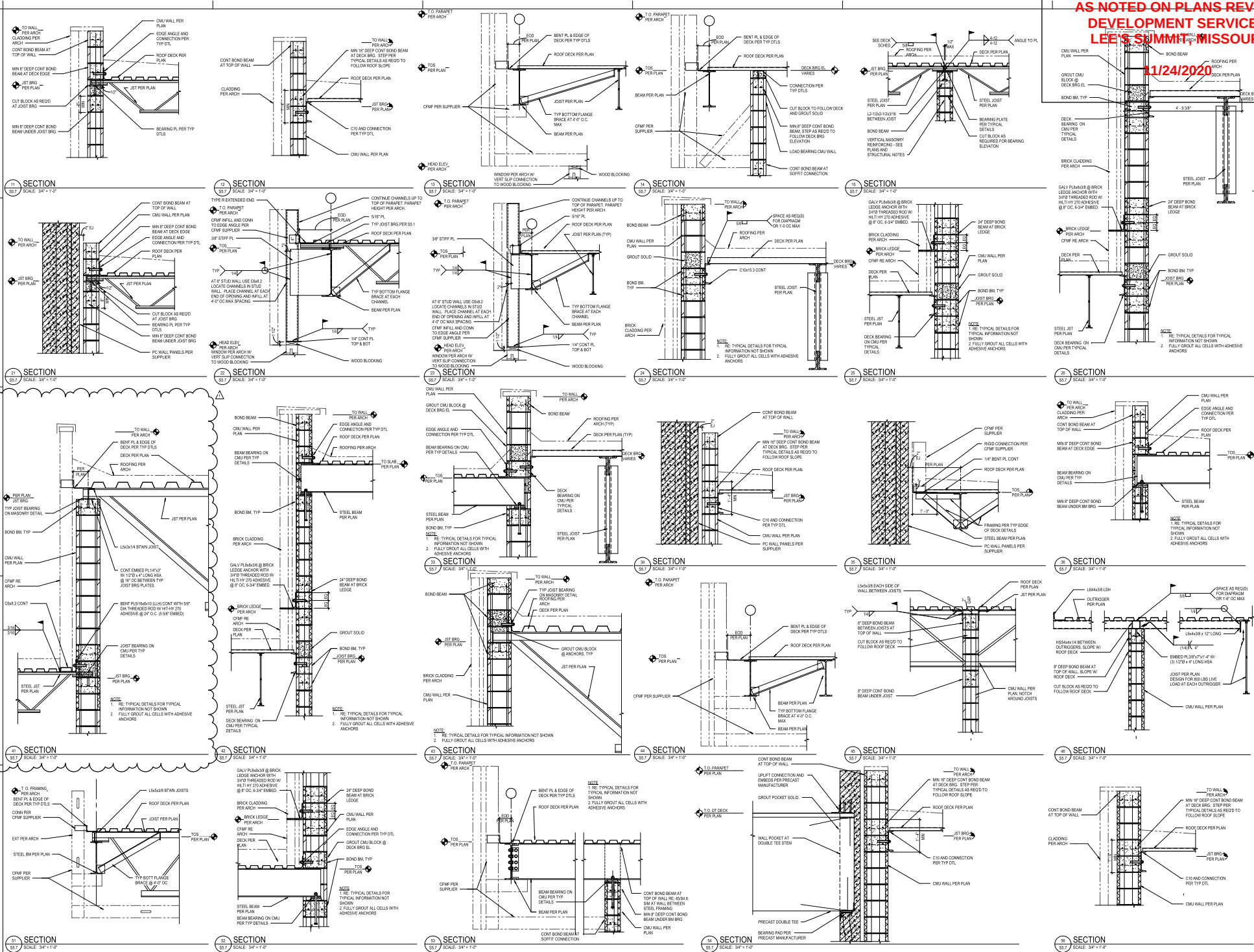
11-201012-00
ROOF FRAMING
SECTIONS

S5.5



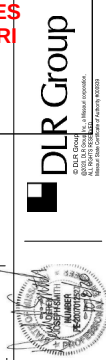
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11/24/2020 11:24:44

11/24/2020



**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

11/24/2020

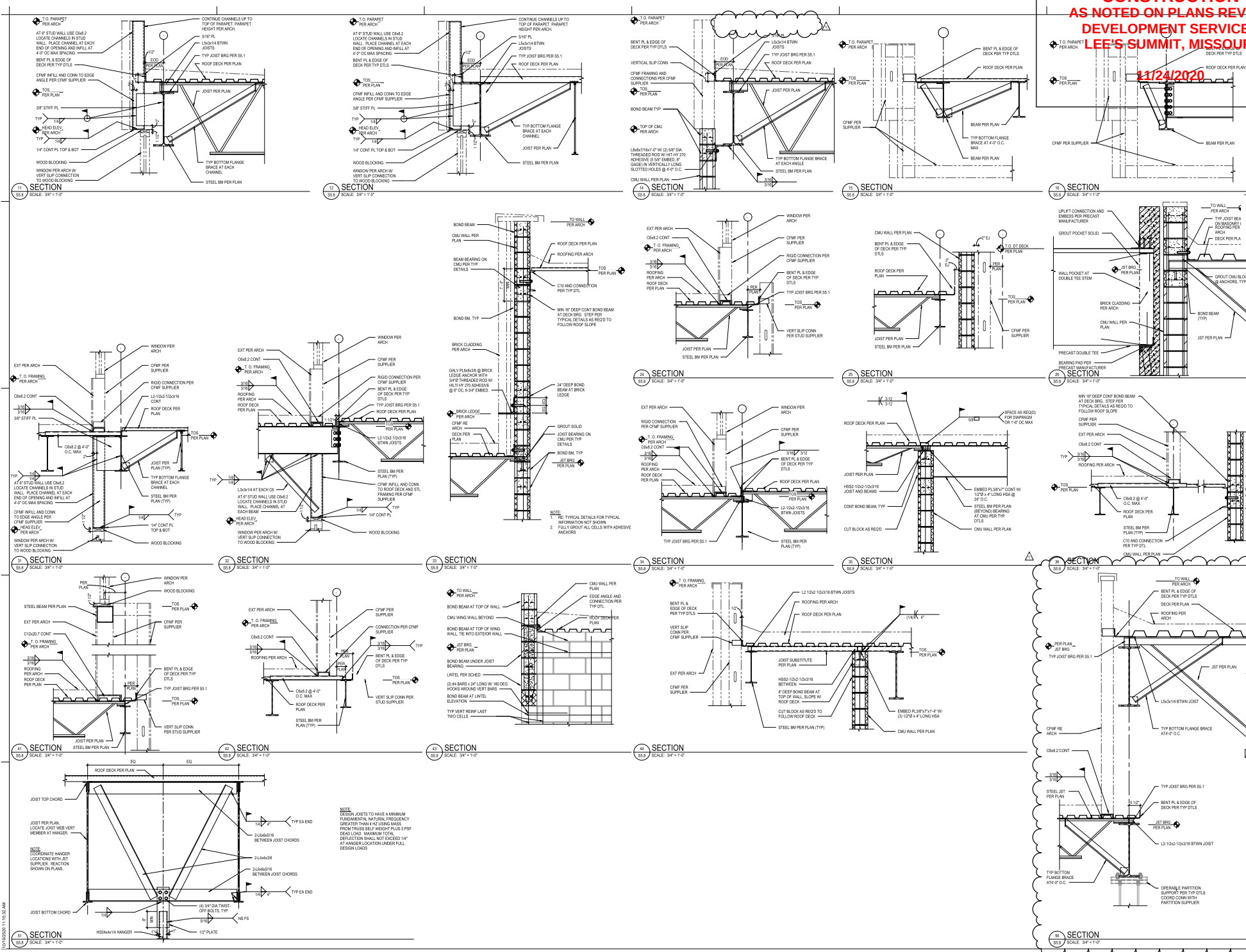


LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT
1000 S. BARRY ROAD
LEE'S SUMMIT, MISSOURI 64063

PACKAGE 3 - BUILDING & SITE
ISSUE FOR PERMIT
REVISIONS
ADDRESS: 10000

©2010-2020
ROOF FRAMING
SECTIONS

S5.8



B:\2020\11-2020\00 Lee's Summit Middle School #4\11-2020-00 Lee's Summit Middle School #4_S5_2020.rvt
DATE: 11/24/2020
TIME: 11:32 AM

11/24/2020

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

13-20102-00

S6.1

S6.1

2. REFER TO PLANS FOR ADDITIONAL SHEAR AND AXIAL REACTIONS NOT SHOWN.
3. ALL CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AISC LOAD AND RESISTANCE FACTOR DESIGN (LRFD) TO RESIST FACTORED REACTIONS PROVIDED FOR AMR +3 SYSTEM.
4. THE WORKPOINT SHALL BE DEFINED AS THE INTERSECTION OF ALL MEMBER CENTROIDS FRAMING INTO THE JOINT. STEEL SUPPLIER SHALL DESIGN THE CONNECTIONS TO TRANSFER ALL FORCES TO THE WORKPOINT.

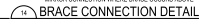
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58.1 SCALE: 3/4" = 1'-0"

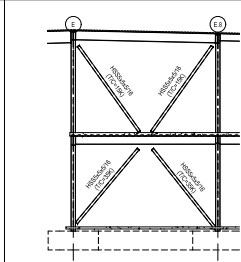


96.1 SCALE: 1" = 1'-0"

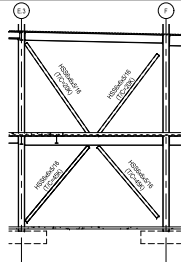


98.1 SCALE: 1" = 1'-0"

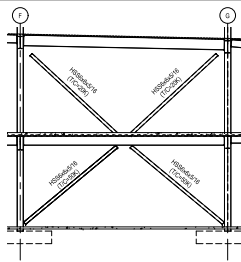
11/24/2020



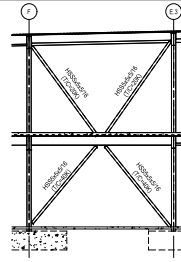
11 ELEVATION
SCALE: 1/8" = 1'-0"



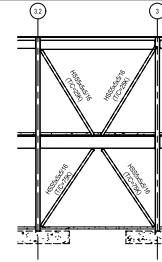
12 ELEVATION
SCALE: 1/8" = 1'-0"



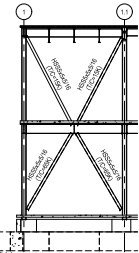
13 ELEVATION
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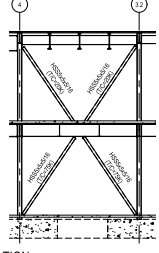
14 ELEVATION
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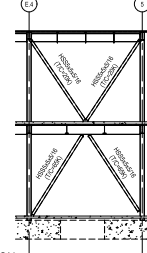
15 ELEVATION
SCALE: 1/8" = 1'-0"



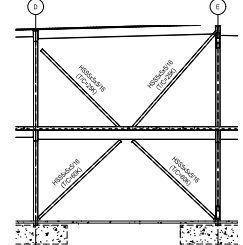
22 ELEVATION
SCALE: 1/8" = 1'-0"



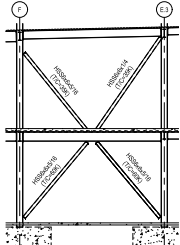
23 ELEVATION
SCALE: 1/8" = 1'-0"



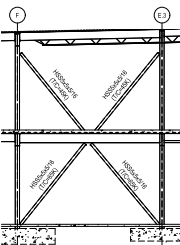
24 ELEVATION
SCALE: 1/8" = 1'-0"



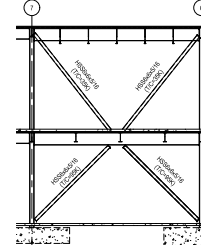
31 ELEVATION
SCALE: 1/8" = 1'-0"



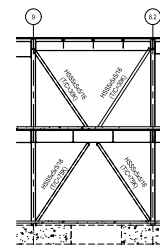
32 ELEVATION
SCALE: 1/8" = 1'-0"



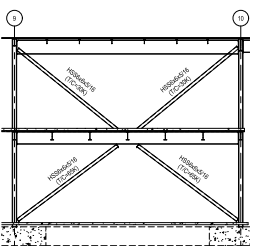
33 ELEVATION
SCALE: 1/8" = 1'-0"



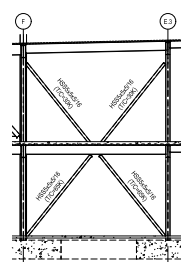
34 ELEVATION
SCALE: 1/8" = 1'-0"



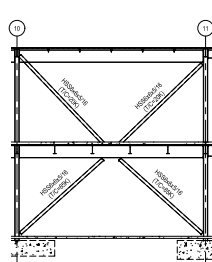
35 ELEVATION
SCALE: 1/8" = 1'-0"



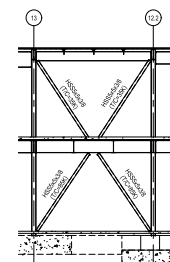
41 ELEVATION
SCALE: 1/8" = 1'-0"



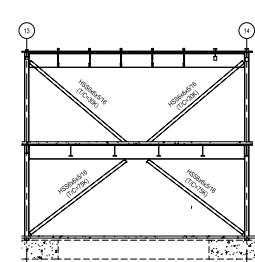
42 ELEVATION
SCALE: 1/8" = 1'-0"



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



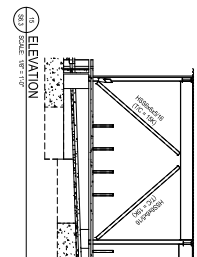
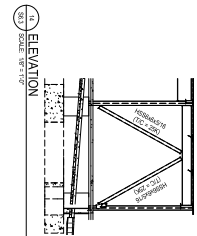
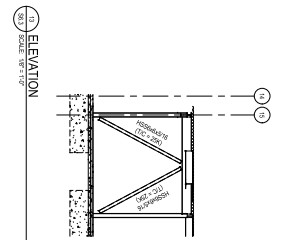
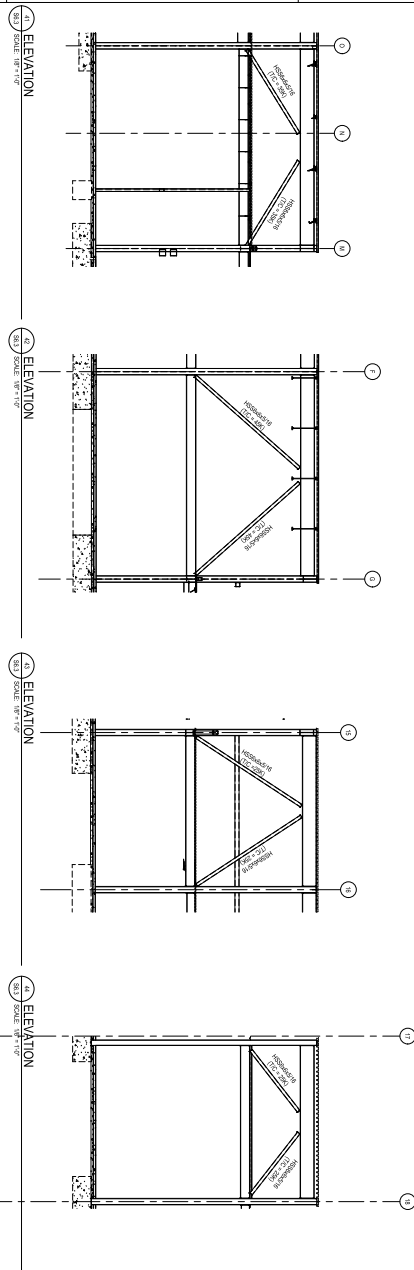
44 ELEVATION
SCALE: 1/8" = 1'-0"



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

**RELEASE FOR
CONSTRUCTION
AS NOTED ON PLANS REVIEW
DEVELOPMENT SERVICES
LEE'S SUMMIT, MISSOURI**

11/24/2020



LEE'S SUMMIT MIDDLE SCHOOL #4
LEE'S SUMMIT R-7 SCHOOL DISTRICT

1001 SE BAILEY ROAD
LEE'S SUMMIT, MO 64081

PACKAGE 1: BUILDING & SITE
WORKING
DRAWINGS
NO RECORDS

13-09102-00
BRACED FRAME
ELEVATIONS



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Missouri State Certificate of Authority #000000