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Architect's Supplemental Instructions

CONTRACT INFORMATION: ASI INFORMATION: PROJECT: (name and address) ASI Number: Bid Pack 04 - ASI 05 Contract For: General Construction 17-13 OSU College of Med. at Hastings Date: 08/08/19 Date: 04/22/19 Tahlequah, OK **ARCHITECT:** (name and address) **CONTRACTOR:** (name and address) **OWNER:** (name and address) **Childers Architect** Cooper / Flintco **Cherokee Nation Business** 45 South 4th Street 777 West Cherokee St Fort Smith, AR 72901 Catoosa, OK 74015

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.)

See attached sheet index for included structural revisions.

ISSUED BY THE ARCHITECT:

Childers Architect ARCHITECT (Firm name)

SIGNATURE Blake Mahar PRINTED NAME AND TITLE

08/08/19 DATE

1

Bid Package 04- ASI 05 – OSU College of Osteopathic Medicine At The Cherokee Nation

Chavez-Grieves would like to incorporate the following revisions into the drawings for the above referenced project.

<u>Sheet</u>	Description
S1.21	Add sheet keynote 22 to identify structural members supporting exit
	stairs. Keynote 22 added to structural members supporting exit stairs.
S1.22	Add sheet keynote 21 to identify elevator guiderail support.
S1.22	Add sheet keynote 22 to identify structural members supporting exit
	stairs. Keynote 22 added to structural members supporting exit stairs.
S1.22	Elevator shaft framing (near Grid E1) dimensions adjusted to
	accommodate elevator shaft clearance requirements.
S1.31	Add sheet keynote 22 to identify structural members supporting exit
	stairs. Keynote 22 added to structural members supporting exit stairs.
S1.32	Add sheet keynote 21 to identify elevator guiderail support.
S1.32	Add sheet keynote 22 to identify structural members supporting exit
	stairs. Keynote 22 added to structural members supporting exit stairs.
S1.32	Elevator shaft framing (near Grid E1) dimensions adjusted to
	accommodate elevator shaft clearance requirements.
S1.41	Section near Grid A1 updated to D1/S3.21.
S1.41	Beam spacing between Grids A and B, 2 and 3 updated.
S1.42	Add sheet keynote 19 to identify elevator guiderail support.
S1.42	Add sheet keynote 21 to identify additional framing for elevated stair
	landing at roof level.
S1.42	Add sheet keynote 22 to identify additional framing for elevated stair
	landing at roof level.
S1.42	Add sheet keynote 23 to identify structural members supporting exit
	stairs. Keynote 23 added to structural members supporting exit stairs.
S1.42	Elevator shaft framing (near Grid E1) dimensions adjusted to
	accommodate elevator shaft clearance requirements.
S1.51	Add sheet keynote 20 to identify outrigger beam and kicker supports.
	Keynote 20 added on plan where required, near Grid A2.
S1.51	Beam added near Grid A2 to support additional roof framing.
S1.51	Dimensions locating mechanical screen-wall supports added.
S1.52	Details C1 and D1 on Sheet S5.52 added for clarification near Grid H3.6.
S1.52	Dimensions locating mechanical screen-wall supports added.
S3.23	Add sections A2, A3, A4, C4, and D4.
S5.51	Modify detail B2.
S5.52	Replace detail C4.
S5.52	Add details C1 and D1.
S5.53	Modify details A2, B2, B3, and C2.
S5.53	Add details C1 and D1.

S5.54	Add details A1, A2, B1, C1, C2, and D2.
S5.62	Modify detail A4.
S5.62	Add details B1, C1, and D1.

	INDEX OF DRAWINGS - BID PACKAGE 04						
			101	102	103	104	L
			ASI	ASI	ASI	ASI	
		4	4	4	4	4	
		Ш	Щ	Щ	Щ	щ	ļ
		8 S	10 S	80	8 S	8 8	
		Ŋ	ŏ	ð	ð	Š	Ō
		PA	PA	P P	d d	PA A	
		- 6	- 6	- 6	- 6	- 6	
		5-16	4-19	7-19	5-16	9-16	
		10	2-2	5-1-1	7-2:	7-29	
Sheet Number	SHEET NAME	ö	ö	ő	6	ö	l
GENERAL							
G0.04	COVER / INDEX						
CIVIL					-		
C4-101	UTILITY PLAN						
C6-201	STORM SEWER PLAN AND PROFILE						
C6-202	STORM SEWER PLAN AND PROFILE						
C6-203	STORM SEWER PLAN AND PROFILE						
C6-204	FOOTER DRAIN PLAN AND PROFILE						
C6-205	FOOTER DRAIN PLAN AND PROFILE						
C6-501	STORM SEWER DETAILS						ſ
C6-502	STORM SEWER DETAILS						
C6-503	STORM SEWER DETAILS						
C6-504	STORM SEWER DETAILS						Ĺ
C6-505	STORM SEWER DETAILS						ſ
C6-801	EXISTING HYDROLOGY						
C6-802	PROPOSED HYDROLOGY				L		
C8-201	SEWER PLAN AND PROFILE						Ĺ
C8-501	LIFT STATION DETAILS						
TRUCTURAL							
S1.20	SECOND FLOOR FRAMING PLAN - OVERALL PLAN						
S1.21	SECOND FLOOR FRAMING PLAN - SECTOR 1						
S1.22	SECOND FLOOR FRAMING PLAN - SECTOR 2						
S1.30	THIRD FLOOR FRAMING PLAN - OVERALL PLAN						
S1.31	THIRD FLOOR FRAMING PLAN - SECTOR 1						
S1.32	THIRD FLOOR FRAMING PLAN - SECTOR 2						
S1.40	ROOF FRAMING PLAN -OVERALL PLAN						
S1.41	ROOF FRAMING PLAN - SECTOR 1						
S1.42	ROOF FRAMING PLAN - SECTOR 2						
S1.50	HIGH ROOF FRAMING PLAN - OVERALL PLAN						
S1.51	HIGH ROOF FRAMING PLAN - SECTOR 1						
S1.52	HIGH ROOF FRAMING PLAN - SECTOR 2						
S3.21	FRAMING SECTIONS						
S3.22	FRAMING SECTIONS						
S3.23	FRAMING SECTIONS						
S5.51	STEEL DETAILS						
S5.52	STEEL DETAILS						
S5.53	STEEL DETAILS						
S5.54	STEEL DETAILS						
S5.62	TYPICAL VERTICAL CIRCULATION FRAMING DETAILS						
S7.31	TYPICAL COLD-FORMED DETAILS						
S7.41	TYPICAL STEEL DETAILS						
S8.01							
	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES						
S8.02	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D						
\$8.02 \$8.03	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D						
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S8.02 S8.03 S8.04 S8.05	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS						
S8.02 S8.03 S8.04 S8.05 S8.06	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS						
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S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES						
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S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND FOOTING COORDINATION UNDERGROUND BASEMENT PLUMBING PLAN						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03 P0.04	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND FOOTING COORDINATION UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND PLUMBING VENT/DRAIN ISOMETRIC BASEMENT						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03 P0.04 P0.05	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND FOOTING COORDINATION UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND PLUMBING VENT/DRAIN ISOMETRIC BASEMENT UNDERGROUND LEVEL 01 - OVERALL PLAN						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03 P0.04 P0.05 P0.06	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND PLUMBING COORDINATION UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND DETAILS OVERTIC BASEMENT UNDERGROUND LEVEL 01 - OVERALL PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03 P0.04 P0.05 P0.07	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND PLUMBING VOTES UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND DETAILS OVERALL PLAN UNDERGROUND LEVEL 01 - OVERALL PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND PLUMBING VENT/DRAIN ISOMETRIC LEVEL 01						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03 P0.04 P0.05 P0.06 P0.07 IECHANICAL	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND PLUMBING COORDINATION UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND LEVEL 01 - OVERALL PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03 P0.04 P0.05 P0.06 P0.07 IECHANICAL M0.00	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND PLUMBING NOTES UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND LEVEL 01 - OVERALL PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND MECHANICAL PLAN						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 LUMBING P0.00 P0.01 P0.02 P0.03 P0.04 P0.05 P0.06 P0.07 IECHANICAL M0.00 M0.01	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND PLUMBING NOTES UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND LEVEL 01 - OVERALL PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND MECHANICAL PLAN UNDERGROUND MECHANICAL PLAN						
S8.02 S8.03 S8.04 S8.05 S8.06 S8.07 S8.08 'LUMBING P0.00 P0.01 P0.02 P0.03 P0.04 P0.05 P0.06 P0.07 IECHANICAL M0.00 M0.01 ILECTRICAL	SIDEPLATE GENERAL NOTES AND CONSTRUCTION GUIDELINES SIDEPLATE COLUMN DETAILS, A TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, B TYPE NO PLATE D SIDEPLATE COLUMN DETAILS, A TYPE SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS SIDEPLATE BEAM DETAILS, NARROW SIDEPLATE FIELD ERECTION DETAILS SIDEPLATE MISC DETAILS AND COORDINATION ITEMS PLUMBING DETAILS, LEGNEDS, NOTES AND SCHEDULES UNDERGROUND PLUMBING NOTES UNDERGROUND FOOTING COORDINATION UNDERGROUND FOOTING COORDINATION UNDERGROUND BASEMENT PLUMBING PLAN UNDERGROUND LEVEL 01 - OVERALL PLAN UNDERGROUND LEVEL 01 - OVERALL PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND LEVEL 01 PLUMBING PLAN UNDERGROUND MECHANICAL PLAN						
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BID PACKAGE 04 (UNDERGROUND UTILITIES / STEEL)



CHAVEZ-GRIEVES 4700 LINCOLN ROAD NE, SUITE 102 ALBUQUERQUE, NM 87109 (505) 344-4080

STRUCTURAL ENGINEER



HP ENGINEERING, INC. 1836 SOUTH BALTIMORE AVE. TULSA, OK 74119 (539) 664-4618

MECHANICAL & ELECTRICAL ENGINEER



EQUIPMENT PLANNER

Osteopathic Medicine



HKS 1000 MACON ST, SUITE 150 FORT WORTH, TX 76102 (817) 348-0330

ARCHITECTURAL HEALTHCARE PLANNING



FIRE PROTECTION / LIFE SAFETY









- DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS, SHEETS S8.01 - S8.08.
- 12. DIMENSIONS SHOWN ON PLAN AS FOLLOWS ARE CONCRETE PILASTER DIMENSIONS IN INCHES: 38x36, 50x36, ETC. DIMENSIONS ARE "PLAN WIDTH" x "PLAN HEIGHT". COORDINATE PILASTER REQUIREMENTS WITH SHEET S2.03



SHEET KEYNOTE

- HSS6x4x1/2 ELEVATOR RAIL SUPPORT POST, COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE B4 / S5.62, C4 / S5.62, D4 / S5.62
- OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A5 / S5.52 FOR SUPPORT.
- . BEAM SPLICE LOCATION. SEE B4 / S5.52 FOR SPLICE DETAIL. . HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE A4 / S5.62, B4 / S5.62 , C4 / S5.62 , D4 / S5.62 , AND C3 / S5.62
- 5. W8x31 OUTRIGGER.
- . TOTAL NUMBER OF CHORD REINFORCEMENT BARS AT EXTENTS SHOWN. CHORD REINFORCEMENT SHALL BE LOCATED AS INDICATED ON PLAN. PROVIDE 130% LAP SPLICES WHEN REQUIRED.
- 3-#7 SLAB REINFORCING BARS. EXTEND BARS 130% OF A LAP SPLICE LENGTH BEYOND OPENING, OR PROVIDE STD 90 DEGREE HOOK WHERE REQUIRED.
- BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE. SEE B1 / S5.52
- . BOTTOM FLANGE BRACING SPACED AT 10' 0" ON CENTER MAXIMUM, UNLESS NOTED OTHERWISE. SEE A1 / S5.52
- 10. BACKFILL PLACED AGAINST WALL SHALL BE DONE IN EQUAL LIFTS, ALTERNATING EACH SIDE OF WALL TO PREVENT UNINTENDED RETAINAGE OF SOIL.
- 11. SITE WALL. COORDINATE EXACT SIZE, EXTENT, AND RADIAL DIMENSIONS WITH ARCHITECTURAL AND CIVIL DRAWINGS. SEE B4 / S3.11
- 12. PROVIDE STEMWALL FOR SUPPORT OF EXTERIOR STUDS AND VENEER, SEE D1 / S3.11
- 13. PODIUM FRAMING, COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL DRAWINGS.
- 14. CONTRACTOR TO COORDINATE EXACT EXTENT OF SECTION FOR WALL FRAMING REQUIREMENTS WITH ARCHITECTURAL ELEVATIONS.
- 15. COVER PLATE BEAM AT EXTENTS SHOWN. DIMENSIONS GIVEN ARE TO FACE/EDGE OF FLANGE. SEE D5 / S3.23 FOR FRAMING DETAIL.
- 16. OUTRIGGER BEAM (STUB). SEE D5 / S3.23 17. CONTRACTOR TO COORDINATE FLOOR OPENING WITH
- ARCHITECTURAL AND MECHANICAL. 18. FLOOR DRAIN / MOP SINK, SLOPE SLAB TO DRAIN 1/8" PER FOOT. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- 19. BOTTOM FLANGE CROSS BRACING AT EQUAL SPACING UNLESS NOTED OTHERWISE. NO CONNECTION AT BRACE INTERSECTION. SEE B1 / S5.52
- 20. BEAM SHALL BE CENTERED BETWEEN ELEVATOR GUIDERAIL SUPPORTS. CONTRACTOR TO COORDINATE BEAM LOCATION WITH SELECTED ELEVATOR. ᠂ᡝ᠇ᠬ᠇᠇᠇᠇᠇᠇᠇᠇
- I. HSS4x4x1/4 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE C4 / S5.62 AND D4 / S5.62
- 22. STRUCTURAL MEMBER SUPPORTING EXIT STAIRS. SEE LIFE 🖌 SAFETY DRAWINGS FOR FIREPROOFING REQUIREMENTS. 2 Yuuuuuuuu



SECOND FLOOR FRAMING PLAN -

SECTOR 1

S1.21



- NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF STANDARD PRACTICES. DIMENSIONS ARE TO THE FACE OF CONCRETE OR STUDS UNLESS NOTED OTHERWISE. . SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN. BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTED OTHERWISE. STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS. SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS. 8. SEE SHEET S6.01 FOR SCHEDULES. . ALL MOMENT FRAMES LABELED ON PLAN UTILIZE SIDEPLATE PROPRIETARY MOMENT CONNECTIONS. SEE SHEETS S8.01 -S8.08.
- DENOTES MOMENT CONNECTION PER TYPICAL DETAILS. _____ DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE

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"PLAN WIDTH"-

DRAWINGS, SHEETS S8.01 - S8.08. 12. DIMENSIONS SHOWN ON PLAN AS FOLLOWS ARE CONCRETE PILASTER DIMENSIONS IN INCHES: 38x36, 50x36, ETC. DIMENSIONS ARE "PLAN WIDTH" x "PLAN HEIGHT". COORDINATE PILASTER REQUIREMENTS WITH SHEET S2.03

SHEET KEYNOTE

- HSS6x4x1/2 ELEVATOR RAIL SUPPORT POST, COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE B4 / S5.62, C4 / S5.62, D4 / S5.62
- OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A5 / S5.52 FOR SUPPORT.
- BEAM SPLICE LOCATION. SEE B4 / S5.52 FOR SPLICE DETAIL.
- 4. HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE A4 / S5.62, B4 / S5.62 , C4 / S5.62 , D4 / S5.62 , AND C3 / S5.62
- 5. W8x31 OUTRIGGER.
- 5. TOTAL NUMBER OF CHORD REINFORCEMENT BARS AT EXTENTS SHOWN. CHORD REINFORCEMENT SHALL BE LOCATED AS INDICATED ON PLAN. PROVIDE 130% LAP SPLICES WHEN REQUIRED.
- 3-#7 SLAB REINFORCING BARS. EXTEND BARS 130% OF A LAP SPLICE LENGTH BEYOND OPENING, OR PROVIDE STD 90 DEGREE HOOK WHERE REQUIRED.
- BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE. SEE B1 / S5.52
- BOTTOM FLANGE BRACING SPACED AT 10' 0" ON CENTER MAXIMUM, UNLESS NOTED OTHERWISE. SEE A1 / S5.52
- 10. BACKFILL PLACED AGAINST WALL SHALL BE DONE IN EQUAL LIFTS, ALTERNATING EACH SIDE OF WALL TO PREVENT UNINTENDED RETAINAGE OF SOIL.
- 11. SITE WALL. COORDINATE EXACT SIZE, EXTENT, AND RADIAL DIMENSIONS WITH ARCHITECTURAL AND CIVIL DRAWINGS. SEE B4 / S3.11
- 12. PROVIDE STEMWALL FOR SUPPORT OF EXTERIOR STUDS AND VENEER, SEE D1 / S3.11
- 13. PODIUM FRAMING, COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL DRAWINGS.
- 14. CONTRACTOR TO COORDINATE EXACT EXTENT OF SECTION FOR WALL FRAMING REQUIREMENTS WITH ARCHITECTURAL ELEVATIONS.
- 15. COVER PLATE BEAM AT EXTENTS SHOWN. DIMENSIONS GIVEN ARE TO FACE/EDGE OF FLANGE. SEE D5 / S3.23 FOR FRAMING DETAIL.
- 16. OUTRIGGER BEAM (STUB). SEE D5 / S3.23 17. CONTRACTOR TO COORDINATE FLOOR OPENING WITH
- ARCHITECTURAL AND MECHANICAL. 18. FLOOR DRAIN / MOP SINK, SLOPE SLAB TO DRAIN 1/8" PER FOOT. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- 19. BOTTOM FLANGE CROSS BRACING AT EQUAL SPACING UNLESS NOTED OTHERWISE. NO CONNECTION AT BRACE INTERSECTION. SEE B1 / S5.52
- 20. BEAM SHALL BE CENTERED BETWEEN ELEVATOR GUIDERAIL SUPPORTS. CONTRACTOR TO COORDINATE BEAM LOCATION WITH SELECTED ELEVATOR. \cdots
- 21. HSS4x4x1/4 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE C4 / S5.62 AND D4 / S5.62
- 22. STRUCTURAL MEMBER SUPPORTING EXIT STAIRS. SEE LIFE SAFETY DRAWINGS FOR FIREPROOFING REQUIREMENTS. Kunnun

SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET.



PROJECT PHASE:

BID PACKAGE 04

		RE	VISIONS			
#	DATE		DESCRIPTION			
2	5/24/19	BID F	ACKAGE 03 ASI 02			
1	6/17/19	BID F	ACKAGE 04 ASI 02			
2	8/8/19	BID F	ACKAGE 04 ASI 05			
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DATE	Ξ:		JOB NUMBER:			
0	5-10-1	9	17-13			
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		C	1 00			
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	SEC	101				
FRAMING PLAN -						

SECTOR 2



DATE JOB NUMBER 05-10-19 17-13 SHEET NUMBER: S1.31

THIRD FLOOR FRAMING PLAN - SECTOR 1

- SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET. NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING
- THE AISC CODE OF STANDARD PRACTICES. DIMENSIONS ARE TO THE FACE OF CONCRETE OR STUDS UNLESS NOTED OTHERWISE.
- . SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN.
- BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTEI OTHERWISE.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS.
- 8. SEE SHEET S6.01 FOR SCHEDULES. 9. ALL MOMENT FRAMES LABELED ON PLAN UTILIZE SIDEPLATE PROPRIETARY MOMENT CONNECTIONS. SEE SHEETS S8.01 -
- S8.08. 10. DENOTES MOMENT CONNECTION PER TYPICAL DETAILS.
- . DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS, SHEETS S8.01 - S8.08.
- 12. DIMENSIONS SHOWN ON PLAN AS FOLLOWS ARE CONCRETE PILASTER DIMENSIONS IN INCHES: 38x36, 50x36, ETC. DIMENSIONS ARE "PLAN WIDTH" x "PLAN HEIGHT". COORDINATE PILASTER REQUIREMENTS WITH SHEET S2.03

SHEET KEYNOTE

- HSS6x4x1/2 ELEVATOR RAIL SUPPORT POST, COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER. SEE B4 / S5.62, C4 / S5.62, D4 / S5.62
- OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A5 / S5.52 FOR SUPPORT.
- BEAM SPLICE LOCATION. SEE B4 / S5.52 FOR SPLICE DETAIL.
- 4. HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, D4 / S5.62, AND C3 / S5.62
- 5. W8x31 OUTRIGGER.
- 6. TOTAL NUMBER OF CHORD REINFORCEMENT BARS AT EXTENTS SHOWN. CHORD REINFORCEMENT SHALL BE LOCATED AS INDICATED ON PLAN. PROVIDE 130% LAP SPLICES WHEN REQUIRED.
- 3-#7 SLAB REINFORCING BARS. EXTEND BARS 130% OF A LAP SPLICE LENGTH BEYOND OPENING, OR PROVIDE STD 90 DEGREE HOOK WHERE REQUIRED.
- BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE. SEE B1 / S5.52
- BOTTOM FLANGE BRACING SPACED AT 10' 0" ON CENTER MAXIMUM, UNLESS NOTED OTHERWISE. SEE A1 / S5.52
- 10. BACKFILL PLACED AGAINST WALL SHALL BE DONE IN EQUAL LIFTS, ALTERNATING EACH SIDE OF WALL TO PREVENT UNINTENDED RETAINAGE OF SOIL.
- 11. SITE WALL. COORDINATE EXACT SIZE, EXTENT, AND RADIAL DIMENSIONS WITH ARCHITECTURAL AND CIVIL DRAWINGS. SEE B4 / S3.11
- 12. PROVIDE STEMWALL FOR SUPPORT OF EXTERIOR STUDS AND VENEER, SEE D1 / S3.11
- 13. PODIUM FRAMING, COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL DRAWINGS.
- 14. CONTRACTOR TO COORDINATE EXACT EXTENT OF SECTION FOR WALL FRAMING REQUIREMENTS WITH ARCHITECTURAL ELEVATIONS.
- 15. COVER PLATE BEAM AT EXTENTS SHOWN. DIMENSIONS GIVEN ARE TO FACE/EDGE OF FLANGE. SEE D5 / S3.23 FOR FRAMING DETAIL.
- 16. OUTRIGGER BEAM (STUB). SEE D5 / S3.23
- 17. CONTRACTOR TO COORDINATE FLOOR OPENING WITH ARCHITECTURAL AND MECHANICAL.
- 18. FLOOR DRAIN / MOP SINK, SLOPE SLAB TO DRAIN 1/8" PER FOOT. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
- 19. BOTTOM FLANGE CROSS BRACING AT EQUAL SPACING UNLESS NOTED OTHERWISE. NO CONNECTION AT BRACE INTERSECTION. SEE B1 / S5.52
- 20. BEAM SHALL BE CENTERED BETWEEN ELEVATOR GUIDERAIL
- SUPPORTS. CONTRACTOR TO COORDINATE BEAM LOCATION WITH SELECTED ELEVATOR. ᠬᠬᠯᠯᠯᠯᠯᠯᠯᠯᠯᠬ᠇ᠬ᠇ᠬ 1. HSS4x4x1/4 ELEVATOR RAIL SUPPORT POST. COORDINATE
- LOCATION WITH ELEVATOR MANUFACTURER, SEE C4 / S5.62 AND D4 / S5.62
- 22. STRUCTURAL MEMBER SUPPORTING EXIT STAIRS. SEE LIFE SAFETY DRAWINGS FOR FIREPROOFING REQUIREMENTS. hunnun

OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF

PROJECT PHASE:

BID PACKAGE 04

		RE	VISIONS			
#	DATE		DESCRIPTION			
1	6/17/19	BID F	ACKAGE 04 ASI 02			
2	8/8/19	BID F	ACKAGE 04 ASI 05			
DATE	E:		JOB NUMBER:			
05_10_10			17_13			
00-10-13		9	17-15			
SHEE	SHEET NUMBER:					

S1.32

THIRD FLOOR FRAMING PLAN - SECTOR 2

- NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF
- DIMENSIONS ARE TO THE FACE OF CONCRETE OR STUDS UNLESS NOTED OTHERWISE.

STANDARD PRACTICES.

- . SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS NOT SHOWN.
- BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTED OTHERWISE.
- STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- . SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS. 8. SEE SHEET S6.01 FOR SCHEDULES.
-). DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS.

SHEET KEYNOTE

- MECHANICAL UNIT, COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS. MECHANICAL OPENING. COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS. SEE B2 / S7.41 AND C2 / S7.41 FOR TYPICAL FRAMING. HSS6x4x3/16 EXTERIOR CLADDING SUPPORT. OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A4 / S5.62, B4 / S5.62 , C4 / S5.62 , AND D4 / S5.62 FOR SUPPORT. HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE A4 / S5.62, B4 / S5.62 , C4 / S5.62 , AND D4 / S5.62 6. HSS4x4x1/4 WEB VERTICAL BRACE, SEE C3 / S5.53 . W12x26. BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE ON PLAN. SEE B1 / S5.52 9. BOTTOM FLANGE BRACING AT EACH BEAM, UNLESS NOTED OTHERWISE ON PLAN A1 / S5.52 10. HSS4x4x1/4 FLANGE VERTICAL BRACE, SEE D3 / S5.53 11. HSS4x4x1/4 BRACE BELOW. 12. SEE B5 / S5.52 FOR BENT DBL HSS GIRT DETAIL 13. HSS3x3x1/4 OUTRIGGER. SEE A4 / S5.52 14. CONTRACTOR TO COORDINATE EXACT EXTENT OF SECTION WITH ARCHITECTURAL ELEVATIONS. 15. HSS VERTICAL BRACE, SEE A2 / S5.53 16. COVER PLATE BEAM AT EXTENTS SHOWN. DIMENSIONS GIVEN ARE TO FACE/EDGE OF FLANGE. SEE D5 / S3.23 FOR FRAMING DETAIL. 17. OUTRIGGER BEAM (STUB). SEE D5 / S3.23 18. W8x31 ELEVATOR HOIST BEAM. BEAM SIZE CONTINGENT UPON DESIGN BASIS ELEVATOR. CONTRACTOR TO COORDINATE. 19. HSS4x4x1/4 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE C4 / S5.62 AND D4 / S5.62 20. W14x22 OUTRIGGER BEAM WITH L4x4x1/4 KNEE BRACE ATTACHMENT BELOW. SEE A2 / S5.54 21. HSS8x4x1/4 SPANNING PERPENDICULAR TO FRAMING BELOW. 22. RIPPED WT9x17.5 TO LEVEL STAIR LANDING AND MATCH SLOPE OF ROOF. 23. STRUCTURAL MEMBER SUPPORTING EXIT STAIRS. SEE LIFE SAFETY DRAWINGS FOR FIREPROOFING REQUIREMENTS. 24. WT4x33.5 CENTERED ON BOTTOM FLANGE OF NOTED BEAM. EXTENT OF WT: 7'-6" FROM GRID 3 AND STOPS 5'-0" FROM GRID 4. SEE A4 / S3.23 FOR ADDITIONAL INFORMATION. mmmmmm

. SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET.

DENOTES MOMENT CONNECTION PER TYPICAL DETAILS.

KEY	PLAN:	
		1
	02	01

PROJECT PHASE:

BID PACKAGE 04

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05-10-19			17-15			
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SI.41						
KOUF FRAMING PLAN -						

SECTOR 1

KEY PLAN: 02

PROJECT PHASE:

BID PACKAGE 04

01

	REVISIONS					
#	DATE		DESCRIPTION			
2	8/8/19	BID F	BID PACKAGE 04 ASI 05			
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R	ROOF FRAMING PLAN -					
	SECTOR 2					
SECTOR 2						

- SOME SHEET KEYNOTES MAY NOT APPLY TO THIS SHEET. NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE CONCRETE WALLS AND MOMENT FRAMES. THE ERECTOR SHALL PROVIDE
- STANDARD PRACTICES. DIMENSIONS ARE TO THE FACE OF CONCRETE OR STUDS
- UNLESS NOTED OTHERWISE. 4. SEE ARCHITECTURAL DRAWINGS FOR MASONRY DIMENSIONS
- NOT SHOWN. BEAMS ARE SPACED EQUALLY BETWEEN GRIDS UNLESS NOTED OTHERWISE.
- 6. STRUCTURAL COLD FORMED METAL STUDS SHALL BE 8" WIDE UNLESS NOTED OTHERWISE. STUD THICKNESS AND SPACING BY OTHERS.
- 7. SEE S7.00 SERIES SHEETS FOR TYPICAL DETAILS. 8. SEE SHEET S6.01 FOR SCHEDULES.
- DENOTES MOMENT CONNECTION PER TYPICAL DETAILS.
- . DENOTES SIDEPLATE MOMENT CONNECTION. SEE SIDEPLATE DRAWINGS.

SHEET KEYNOTE

MECHANICAL UNIT, COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS. MECHANICAL OPENING. COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL DRAWINGS. SEE B2 / S7.41 AND C2 / S7.41 FOR TYPICAL FRAMING. HSS6x4x3/16 EXTERIOR CLADDING SUPPORT 4. OPERABLE PARTITION BELOW. COORDINATE EXACT LOCATION WITH ARCHITECTURAL DRAWINGS. SEE A4 / S5.62, B4 / S5.62 , C4 / S5.62 , AND D4 / S5.62 FOR SUPPORT. HSS6x6x3/8 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE A4 / S5.62, B4 / S5.62, C4 / S5.62, AND D4 / S5.62 6. HSS4x4x1/4 WEB VERTICAL BRACE, SEE C3 / S5.53 W12x26. BOTTOM FLANGE BRACING AT EQUAL SPACING, UNLESS NOTED OTHERWISE ON PLAN. SEE B1 / S5.52 9. BOTTOM FLANGE BRACING AT EACH BEAM, UNLESS NOTED OTHERWISE ON PLAN A1 / S5.52 10. HSS4x4x1/4 FLANGE VERTICAL BRACE, SEE D3 / S5.53 11. HSS4x4x1/4 BRACE BELOW. 12. SEE B5 / S5.52 FOR BENT DBL HSS GIRT DETAIL 13. HSS3x3x1/4 OUTRIGGER. SEE A4 / S5.52 14. CONTRACTOR TO COORDINATE EXACT EXTENT OF SECTION WITH ARCHITECTURAL ELEVATIONS. 15. HSS VERTICAL BRACE, SEE A2 / S5.53 16. COVER PLATE BEAM AT EXTENTS SHOWN. DIMENSIONS GIVEN ARE TO FACE/EDGE OF FLANGE. SEE D5 / S3.23 FOR FRAMING DETAIL. 17. OUTRIGGER BEAM (STUB). SEE D5 / S3.23 18. W8x31 ELEVATOR HOIST BEAM. BEAM SIZE CONTINGENT UPON DESIGN BASIS ELEVATOR. CONTRACTOR TO COORDINATE. ᠂ᡝᠬ᠇ᠬ᠇᠇᠇᠇᠇᠇᠇ 19. HSS4x4x1/4 ELEVATOR RAIL SUPPORT POST. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER, SEE C4 / S5.62 AND D4 / S5.62 20. W14x22 OUTRIGGER BEAM WITH L4x4x1/4 KNEE BRACE ATTACHMENT BELOW. SEE A2 / S5.54 21. HSS8x4x1/4 SPANNING PERPENDICULAR TO FRAMING BELOW 22. RIPPED WT9x17.5 TO LEVEL STAIR LANDING AND MATCH SLOPE. OF ROOF. 23. STRUCTURAL MEMBER SUPPORTING EXIT STAIRS. SEE LIFE SAFETY DRAWINGS FOR FIREPROOFING REQUIREMENTS. 24. WT4x33.5 CENTERED ON BOTTOM FLANGE OF NOTED BEAM. EXTENT OF WT: 7'-6" FROM GRID 3 AND STOPS 5'-0" FROM GRID 4. SEE A4 / S3.23 FOR ADDITIONAL INFORMATION. y.....

TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC CODE OF

PROJECT PHASE:

BID PACKAGE 04

	REVISIONS					
#	DATE	DESCRIPTION				
1	6/17/19	BID PACKAGE 04 ASI 02				
2	8/8/19	BID PACKAGE 04 ASI 05				
DATE: JOB NUMBER:						

17-13 05-10-19 SHEET NUMBER: S1.51

HIGH ROOF FRAMING PLAN - SECTOR 1

EY PLAN:	
02	01

PROJECT PHASE:

BID PACKAGE 04

	REVISIONS						
#	DATE		DESCRIPTION				
1	6/17/19	BID F	ACKAGE 04 ASI 02				
2	8/8/19	BID F	PACKAGE 04 ASI 05				
DATE:			JOB NUMBER:				
05-10-19			17-13				
SHEET NUMBER:							

S1.52

HIGH ROOF FRAMING PLAN - SECTOR 2

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GRIND	
2@12 SMOOTH TOP & BOT	
@ STUB BEAM	
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SCALE: 3/4" = 1'-0"

1. PROVIDE 1/4" CAP PLATE AT THE TOP OF ALL HOLLOW STRUCTURAL STEEL (HSS) COLUMNS UNLESS NOTED OTHERWISE.

- 2. PROVIDE 1/4" CAP PLATE AT THE TOP OF ALL PIPE COLUMNS UNLESS NOTED OTHERWISE.
- 3. PROVIDE 1/2" CAP PLATE AT THE TOP OF ALL WIDE FLANGE COLUMNS UNLESS NOTED OTHERWISE.
- 4. PROVIDE 1/4" END PLATE AT ALL EXPOSED HSS MEMBERS UNLESS NOTED OTHERWISE.
- 5. ALL CONNECTION SHEAR TABS SHALL BE PL 3/8" UNLESS NOTED OTHERWISE PROVIDE 5/16" FILLET WELD EACH SIDE OF SHEAR TAB TO SUPPORTING MEMBER.
- 6. ALL BOLTS SHALL BE 3/4 " DIAMETER A325N IN SHORT SLOTS AS FOLLOWS UNLESS NOTED OTHERWISE:
 - 2 @ W8, W10 3 @ W12 4 @ W14, W16
 - 5 @ W18, W21 6 @ W24 7 @ W27
 - 8 @ W30 9 @ W33
 - 10 @ W36 11 @ W40 12@ W44

A5 TYPICAL SCALE: 3/4" = 1'-0" **TYPICAL STEEL CONN NOTES**

STEEL DETAILS

JOINT AS REQD TO MEET PLAN GEOMETRY TYP

