

GENERAL NOTES

- A. CONCRETE SHALL BE LABORATORY DESIGNED TO DEVELOP MINIMUM 28-DAY COMPRESSIVE STRENGTHS AS LISTED IN SPECIFICATIONS. REFER TO SPECIFICATIONS FOR AGGREGATES, CEMENT, ADMIXTURES, ETC.
- B. CONTRACTOR SHALL PROVIDE NECESSARY CONSTRUCTION JOINTS IN MONOLITHIC CONCRETE FORMING SO THAT NOT MORE THAN 400 CUBIC YARDS IS POURED IN ONE DAY. LOCATION OF CONSTRUCTION JOINTS MUST HAVE PRIOR APPROVAL OF STRUCTURAL ENGINEER OF RECORD AND SHALL GENERALLY BE LOCATED AT OR NEAR MID-POINTS OF SPANS OF SLAB, BEAMS AND WALLS. ALL CONTINUOUS REINFORCING SHALL BE CARRIED THROUGH THE JOINT. SEE DETAILS FOR CONTINUOUS KEY BETWEEN ADJACENT POURS.
- C. SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATION AND SIZES OF ALL SLAB OPENINGS AND SLEEVES, INSERTS, ANCHORS AND BOLTS REQUIRED BY ABOVE.
- D. 6" CONCRETE SLAB REINFORCED W/ #4 @ 12" O.C. EACH WAY IN TOP. SUPPORT AT 4'-0" O.C. EACH WAY WITH CONCRETE BLOCKS OR BRICKS. SUPPORT BOTTOM BEAM REINFORCEMENT AT 4'-0" INTERVALS.
- E. WIDE FLANGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, FY=50 KSI. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B, FY=35. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, FY=46 KSI. ALL OTHERS SHALL CONFORM TO ASTM A583, FY=36 KSI. CONNECTIONS SHALL CONFORM TO REQUIREMENTS OF AISC.
- F. ROOF DECK IS 1-1/2" 22 GAUGE TYPE B RIB DECK COMPLYING WITH STEEL DECK INSTITUTE. WITH MINIMUM I=183 IN. 4FT. SN=182 IN. 3FT. ATTACH TO SUPPORTING MEMBERS BY PLUG WELDING DIRECTLY THROUGH BOTTOM OF THE RIBS AT EVERY SUPPORT. WELD EACH SHEET AT BOTH SIDES AND AT OTHER RIBS SO THAT SPACING BETWEEN WELDS ACROSS THE WIDTH OF EACH SHEET DOES NOT EXCEED 18" IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.
- G. STRUCTURAL FRAMING CONNECTIONS SHALL BE SEATED COLUMN CAPS, CLIP ANGLES OR WEB PLATES AS INDICATED ON DETAILS. USE A325 HIGH STRENGTH BOLTS OR WELDS SUFFICIENT TO DEVELOP REACTION CAPACITY ALLOWABLE UNIFORM LOAD/SPAN DIVIDED BY TWO AS SHOWN IN AISC MANUAL SECTION 3 (15th EDITION).
- H. DECK STOP ANGLES, FASCIA ANGLES, HANGERS, CLIPS AND OTHER STRUCTURAL AND MISCELLANEOUS MEMBERS SHALL BE CONNECTED OR JOINED USING 3/16" OR LARGER PILLET OR GROOVE WELDS AS REQUIRED FOR ADEQUATE CONNECTION.

KEYNOTES

KEYNOTE	DESCRIPTION
03 31 00	STRUCTURAL CONCRETE, REFER TO ASSOCIATED PLANS, DETAILS, BLOWUP SECTIONS AND SCHEDULES FOR SIZES AND REINFORCING. REFER TO PART V SHEET S-001 FOR ADDITIONAL INFORMATION.
03 31 00.A1	GROUT BELOW PRECAST PANEL, REFER PART IV ITEM C, SHEET S-001
03 31 00.I3A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
03 31 00.J6	6" SLAB ON GRADE, REINF. WITH #4 @ 12" O.C. IN TOP, REFER PART III, V AND VI, SHEET S-002, DETAIL/NOTES 1/S-620
05 12 00.A33	L6x6x3/8
05 12 00.A104A	DECK STOP ANGLE L3x3x1/4XCONT.
05 12 00.B22	C6x8.2 X CONT.
05 12 00.L49	HSS5x5x3/8
05 12 00.L51	HSS5x5x1/4
05 12 00.M107	W16x31
05 12 00.M117	W18x35
05 31 00.C13	1.5 WR 22 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002
05 40 00.C9	EVE STRUT 600T250-54, 50KSI X CONT.
05 41 00.A1	COLD FORMED METAL FRAMING TRUSSES, PREFAB AND DESIGNED PER PART XII AND SUBMITTED PER PART XIII ITEM B. REFER TO SHEET S-710 AND FOR GENERAL CONFIGURATION
05 41 00.A2	600S265-68 OUTLOOKERS AT 4'-0" O.C.
05 42 00.A8	1400S350-88 @ 1'-4" O.C.
05 42 00.A9	SIMPSON STRONG-TIE 3-1/2" x 14" 18-Gauge G90 GALVANIZED TOP MOUNT JOIST HANGER OR EQUAL REF DETAIL 5/S-511
06 16 00.D11	3/4" PLYWOOD
07 21 00.B4	2" RIGID INSULATION BELOW SLAB, REFER ARCH DWGS/SPECS
07 21 00.B5	VERTICAL RIGID INSULATION AGAINST EXTERIOR WALL FOOTING, REFER ARCH DWGS/SPECS
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.
07 71 00.B	PRE-FINISHED PRE-MANUFACTURED ROOF METAL COPING REFER ARCH DWGS
09 22 00	EXTERIOR WALL SYSTEM, REF ARCH DWGS
09 51 00	CEILING REFER ARCH DWGS
31 23 00.B2	8" COMPACTED GRAVEL SUB-BASE

CONTRACT DOCUMENTS SUBMISSION FULLY SPRINKLERED

Project Title	CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION	Project Number	437-316
Location	2101 ELM STREET, FARGO, ND 58102	Building Number	52
Issue Date	05/26/2023	Drawing Number	S-321
Checked	SJF	Drawn	JH
			DWG 46 of 188

0	100% BID DOCUMENTS	05/26/2023
Number:	Revisions:	Date:

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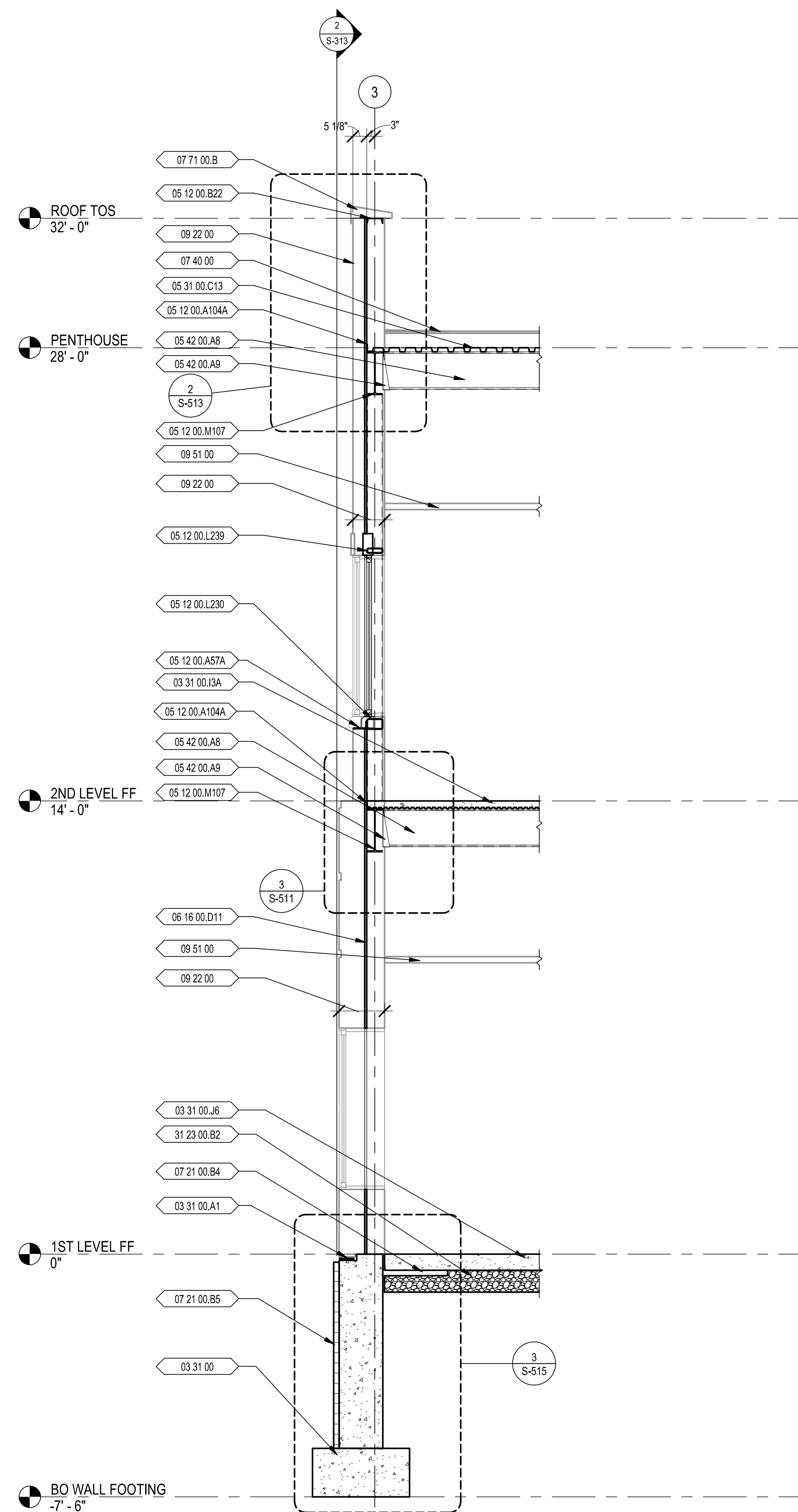
SHAWN J. FRANK
82639
05/24/2023

U.S. Department
of Veterans Affairs

Drawing Title
BUILDING SECTIONS

Approved: Project Director

Phase
100% BID DOCUMENTS



Project Title CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION			Project Number 437-316	
Location 2101 ELM STREET, FARGO, ND 58102			Drawing Number 52	
Issue Date 05/26/2023	Checked SJF	Drawn JH	S-322 DWG 47 of 188	

GENERAL NOTES

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B. CONTRACTOR SHALL PROVIDE NECESSARY CONSTRUCTION JOINTS IN MONOLITHIC CONCRETE FORMING SO THAT NOT MORE THAN 400 CUBIC YARDS IS POURED IN ONE DAY. LOCATION OF CONSTRUCTION JOINTS MUST HAVE PRIOR APPROVAL OF STRUCTURAL ENGINEER OF RECORD AND SHALL GENERALLY BE LOCATED AT OR NEAR MID-POINTS OF SPANS OF SLAB, BEAMS AND WALLS. ALL CONTINUOUS REINFORCING SHALL BE CARRIED THROUGH THE JOINT. SEE DETAILS FOR CONTINUOUS KEY BETWEEN ADJACENT POURS.

C. SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATION AND SIZES OF ALL SLAB OPENINGS AND SLEEVES, INSERTS, ANCHORS AND BOLTS REQUIRED BY ABOVE.

D. 6" CONCRETE SLAB REINFORCED W/ #4 @ 12"o.c. EACH WAY IN TOP. SUPPORT AT 4'-0"o.c. EACH WAY WITH CONCRETE BLOCKS OR BRICKS. SUPPORT BOTTOM BEAM REINFORCEMENT AT 4'-0" INTERVALS.

E. WIDE FLANGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, FY=50 KSI. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B, FY=35. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, FY=46 KSI. ALL OTHERS SHALL CONFORM TO ASTM A36, FY=36 KSI. CONNECTIONS SHALL CONFORM TO REQUIREMENTS OF AISC.

F. ROOF DECK IS 1-1/2"-22 GAUGE TYPE B RIB DECK COMPLYING WITH STEEL DECK INSTITUTE; WITH MINIMUM I=183 IN. 4/FT., SN=192 IN. 3/FT. ATTACH TO SUPPORTING MEMBERS BY PLUG WELDING DIRECTLY THROUGH BOTTOM OF THE RIBS AT EVERY SUPPORT. WELD EACH SHEET AT BOTH SIDES AND AT OTHER RIBS SO THAT SPACING BETWEEN WELDS ACROSS THE WIDTH OF EACH SHEET DOES NOT EXCEED 18", IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.

G. STRUCTURAL FRAMING CONNECTIONS SHALL BE SEATED COLUMN CAPS, CLIP ANGLES OR WEB PLATES AS INDICATED ON DETAILS. USE A325 HIGH STRENGTH BOLTS OR WELDS SUFFICIENT TO DEVELOP REACTION CAPACITY ALLOWABLE UNIFORM LOAD/SPAN DIVIDED BY TWO AS SHOWN IN AISI MANUAL SECTION 3 (15th EDITION).

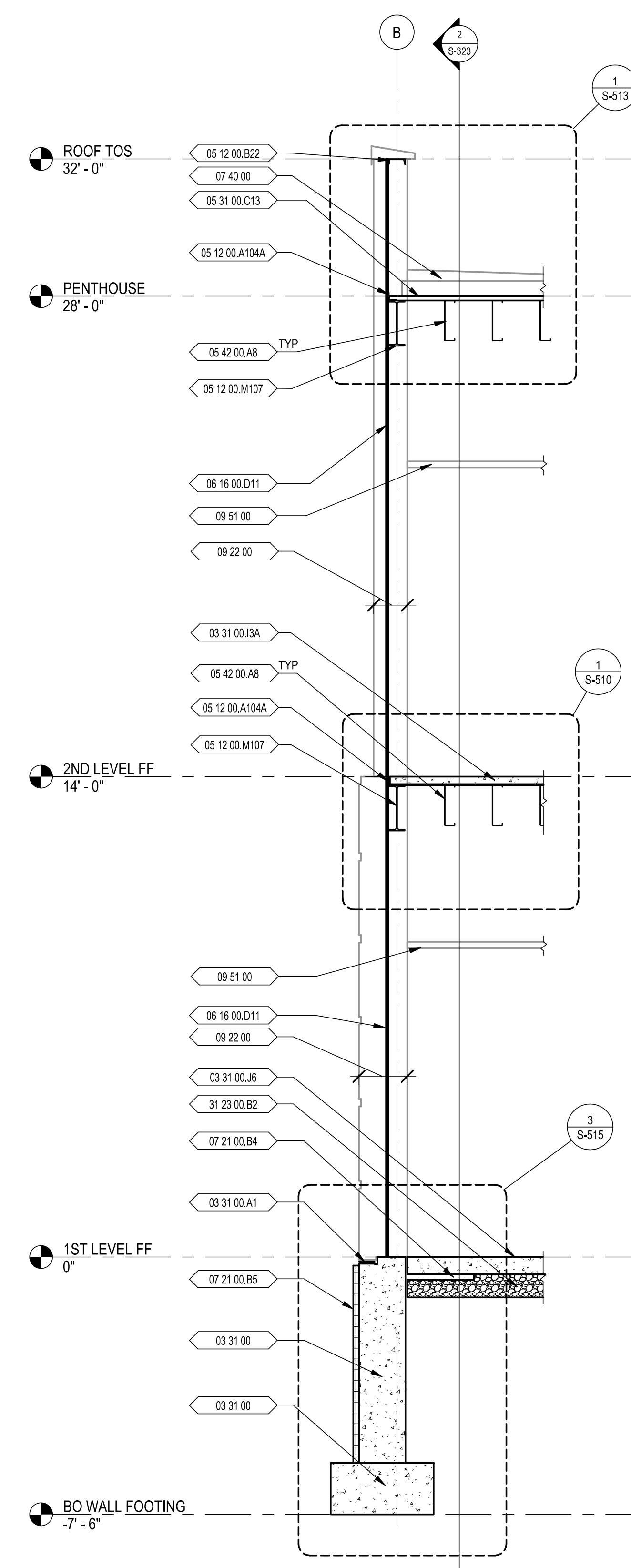
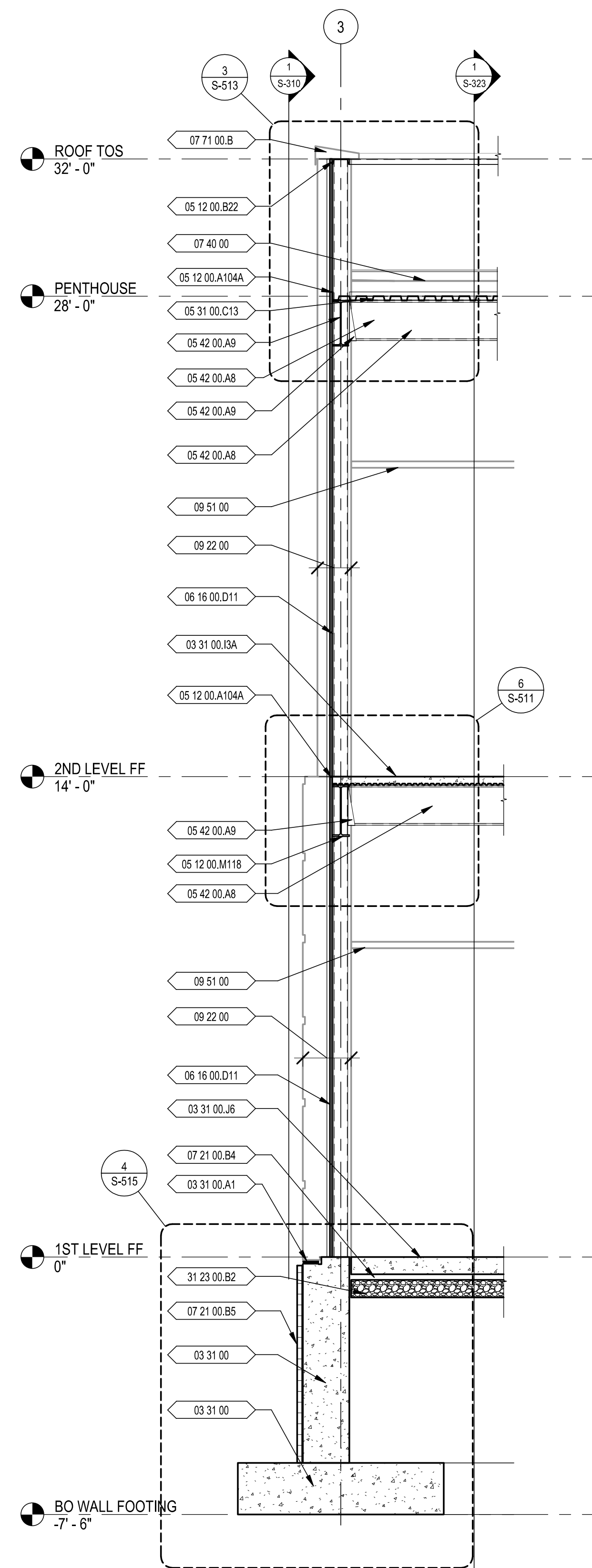
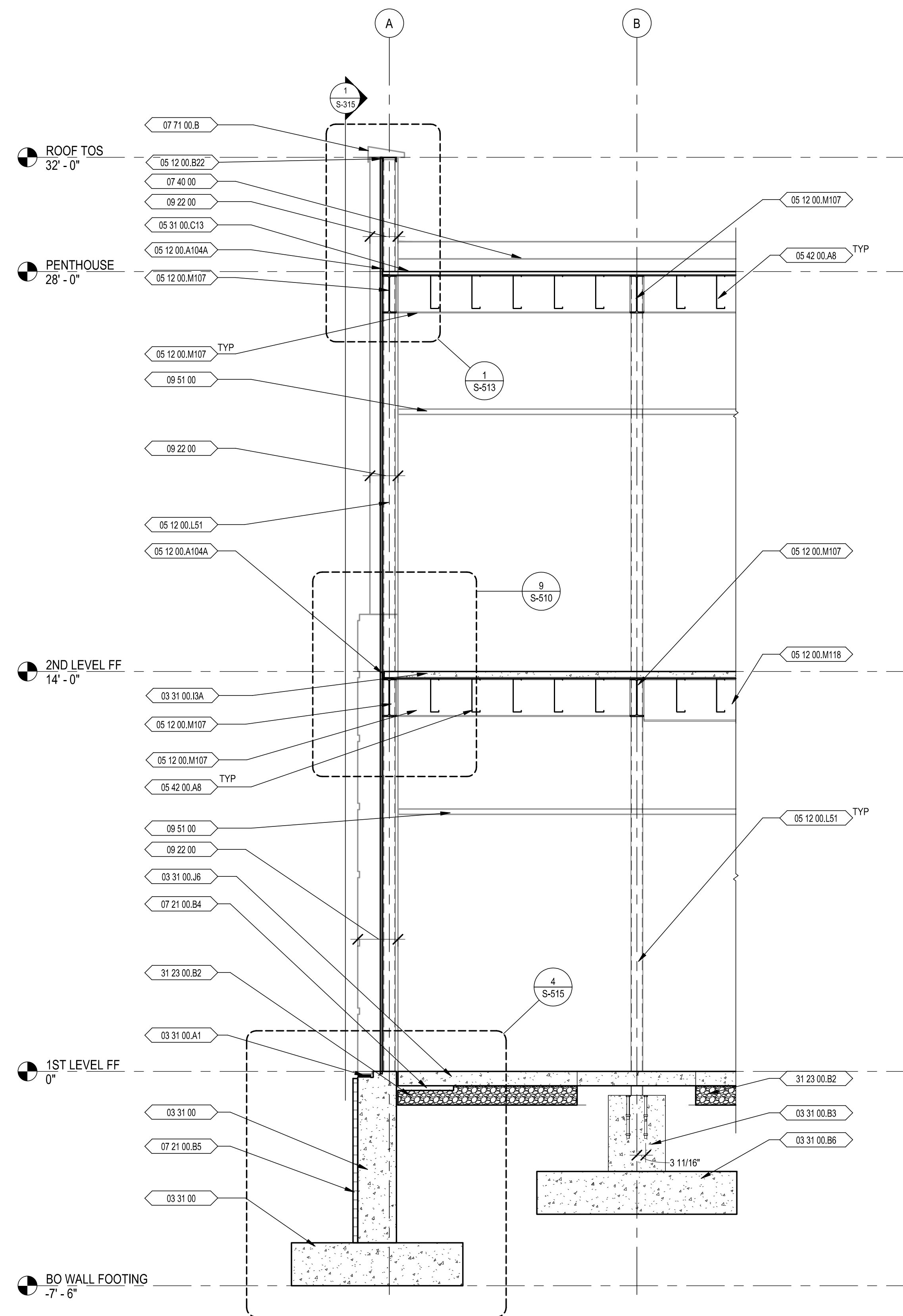
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03 31 00.B3	CONCRETE PLINTH. REFER SCHEDULE AND DETAILS ON SHEET S-610
03 31 00.B6	CONCRETE FOOTING REFER SCHEDULE AND DETAILS ON SHEET S-610
03 31 00.I3A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
03 31 00.J6	6" SLAB ON GRADE. REINF. WITH #4 @ 12" O.C. IN TOP. REFER PART III, V AND VI, SHEET S-002. DETAIL NOTES 1/5-6/20
05 12 00.A104A	DECK STOP ANGLE L3x3x1/4XCONT.
05 12 00.B22	C6x8, 2 X CONT.
05 12 00.511	HSS5x5x1/4
05 12 00.M107	W16x31
05 12 00.M118	W16x40
05 31 00.C13	1.5 WR 22 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002
05 42 00.A8	140QSS30-68 @ 1'-4" O.C.
05 42 00.A9	SIMFSON STRONG-TIE 3-1/2" x 14" 18-Gauge G90 GALVANAIZED TOP MOUNT JOIST HANGER OR EQUIV. REF DETAIL 5/S-511
06 16 00.D11	3/4" PLYWOOD
07 21 00.B4	2" RIGID INSULATION BELOW SLAB, REFER ARCH DWGS/SPECS
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07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.
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CONTRACT DOCUMENTS SUBMISSION
FULLY SPRINKLERED

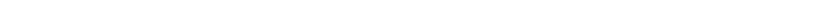
Project Title CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION			Project Number 437-316	
Location 2101 ELM STREET, FARGO, ND 58102			Drawing Number 52	
Issue Date 05/26/2023	Checked SJF	Drawn JH	S-323 DWG 48 of 188	



3 SECTION
3/8" = 1'-0"

0' 9" 1'-6" 3' 6' 12'

2 SECTION
3/8" = 1'-0"



0' 9" 1'-6" 3' 6' 12'

1 SECTION
3/8" = 1'-0"

0	100% BID DOCUMENTS	05/26/2023
Number:	Revisions:	Date:

CONSULTANTS:



ARCHITECT/ENGINEERS:



VEG 21.05

STAMP:



U.S. Department
of Veterans Affairs

	Drawing Title
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BUILDING SECTIONS

Approved: Project Director

Phase

100% BID DOCUMENTS

Project Title
CONSTRUCT MENTAL HEALTH
OUTPATIENT BLDG 52 ADDITION

Location
2101 ELM STREET, FARGO, ND 58102

Issue Date	
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Checked

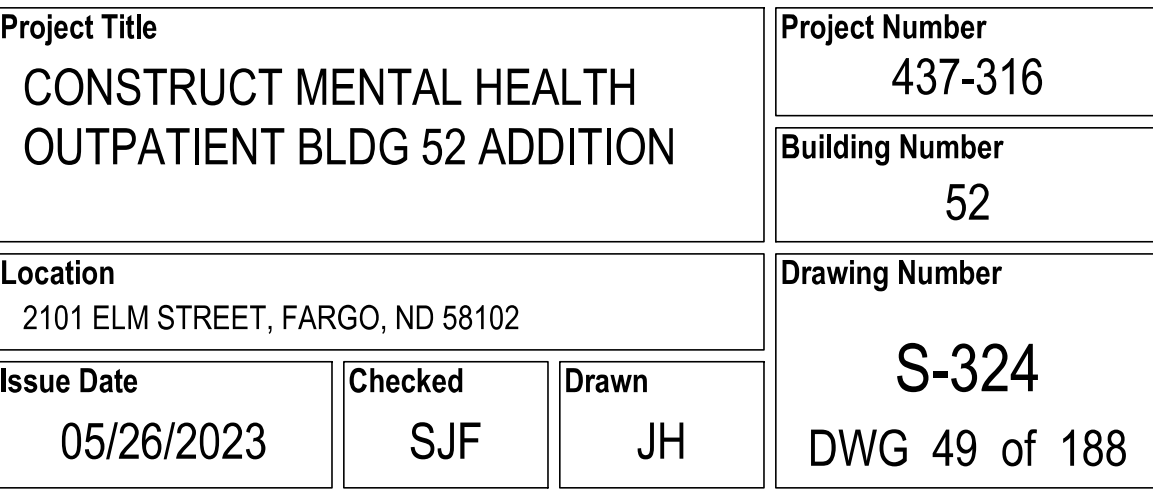
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Project Number	437-316
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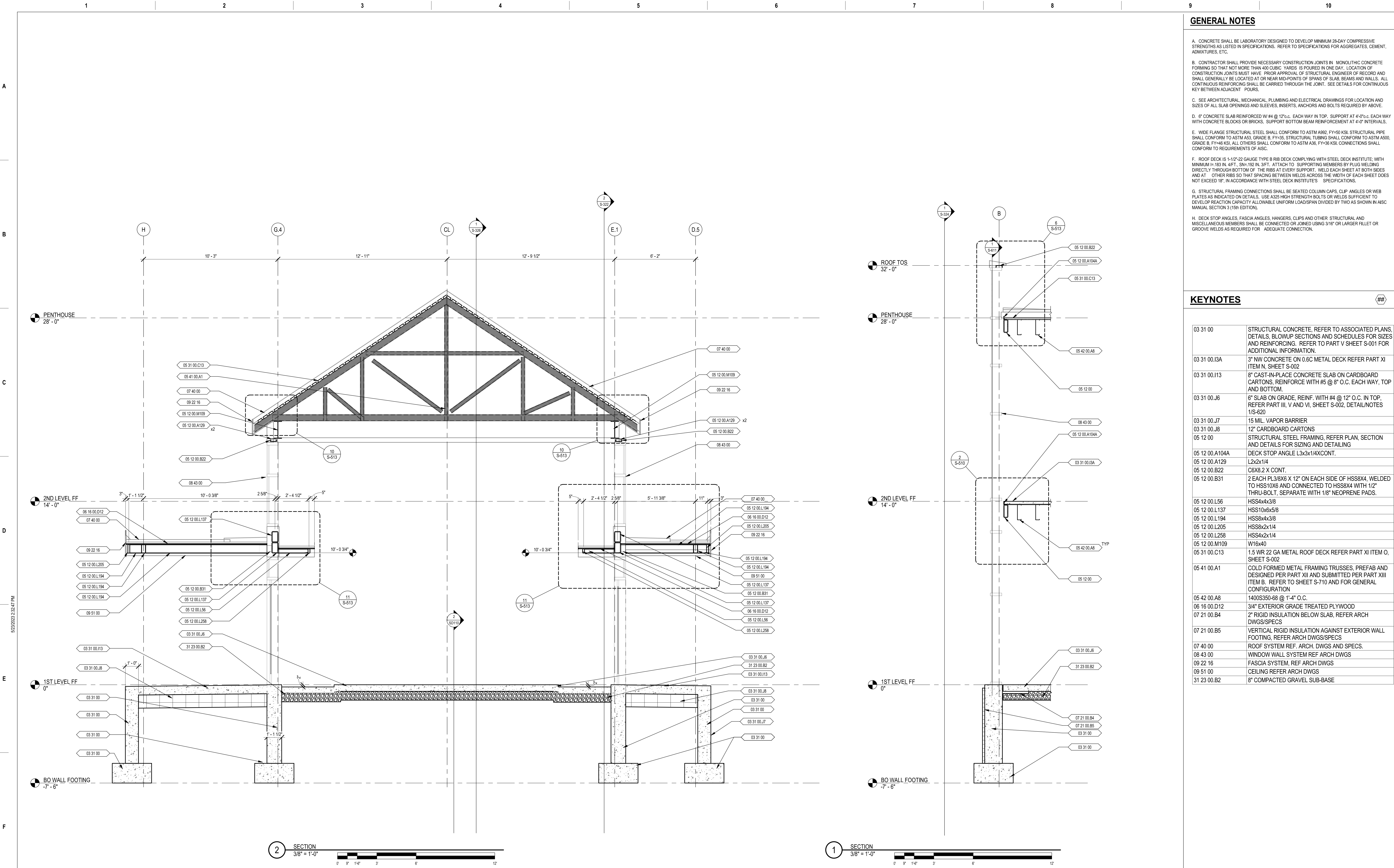
Building Number	52
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	Drawing Number

S-323



Project Title CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION			Project Number 437-316	
			Building Number 52	
Location 2101 ELM STREET, FARGO, ND 58102			Drawing Number S-324	
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KEYNOTES

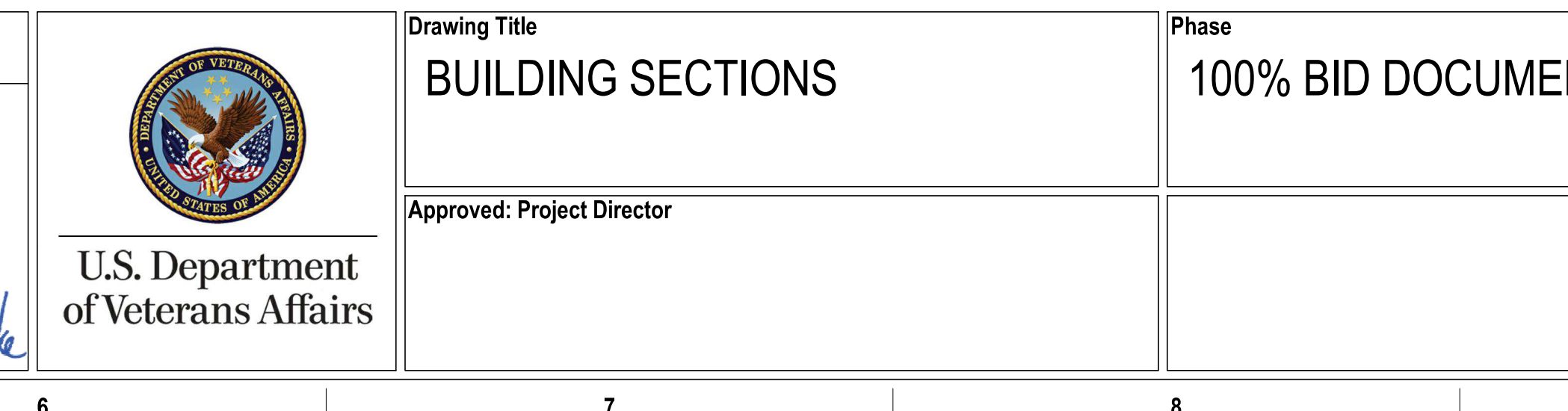
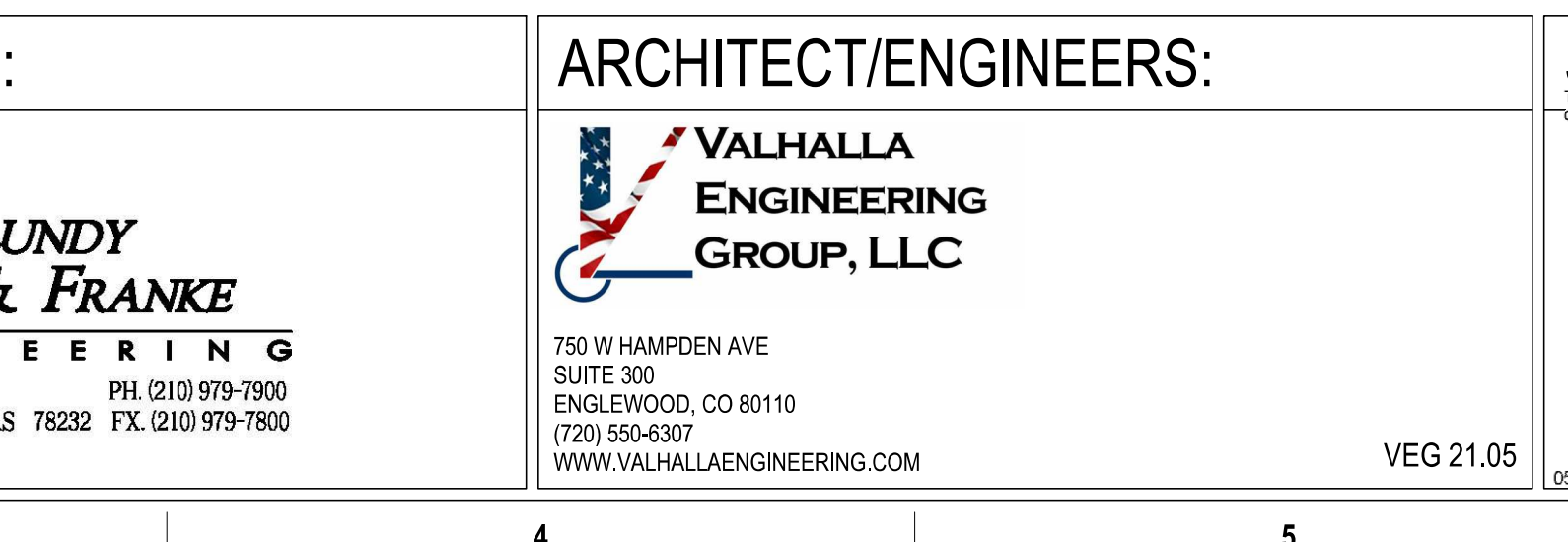
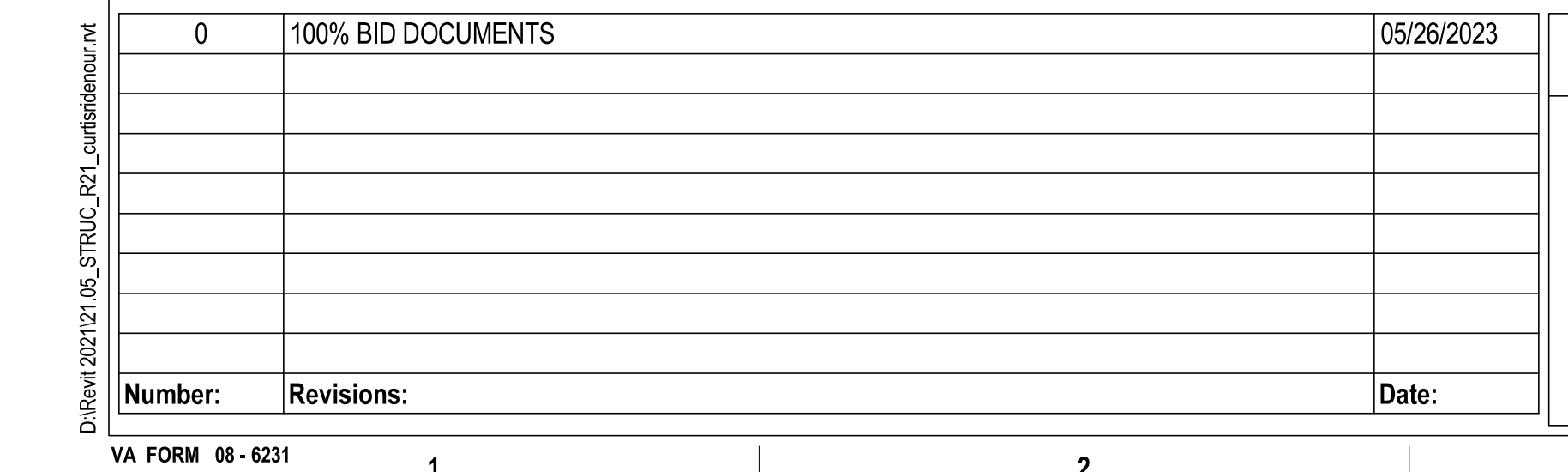
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03 31 00.13A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
03 31 00.113	8" CAST-IN-PLACE CONCRETE SLAB ON CARDBOARD CARTONS, REINFORCE WITH #5 @ 8" O.C. EACH WAY, TOP AND BOTTOM.
03 31 00.J6	6" SLAB ON GRADE, REINF. WITH #4 @ 12" O.C. IN TOP. REFER PART III, V AND VI, SHEET S-002, DETAIL/NOTES 1/S-620
03 31 00.J7	15 MIL. VAPOR BARRIER
03 31 00.J8	12" CARDBOARD CARTONS
05 12 00	STRUCTURAL STEEL FRAMING, REFER PLAN, SECTION AND DETAILS FOR SIZING AND DETAILING
05 12 00.A104A	DECK STOP ANGLE L3x3x1/4XCONT.
05 12 00.A129	L2x2x1/4
05 12 00.B22	60x8.2 X CONT.
05 12 00.B31	2 EACH PL3/8X6 X 12" ON EACH SIDE OF HSS8X4, WELDED TO HSS10X6 AND CONNECTED TO HSS8X4 WITH 1/2" THRU-BOLT, SEPARATE WITH 1/8" NEOPRENE PADS.
05 12 00.L56	HSS4x4x3/8
05 12 00.L137	HSS10x6x5/8
05 12 00.L194	HSS6x4x3/8
05 12 00.L205	HSS8x2x1/4
05 12 00.L258	HSS4x2x1/4
05 12 00.M109	W16x40
05 31 00.C13	1.5 WR 22 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002
05 41 00.A1	COLD FORMED METAL FRAMING TRUSSES, PREFAB AND DESIGNED PER PART XII AND SUBMITTED PER PART XIII ITEM B. REFER TO SHEET S-710 AND FOR GENERAL CONFIGURATION
05 42 00.A8	1400S350-68 @ 1'-4" O.C.
06 16 00.D12	3/4" EXTERIOR GRADE TREATED PLYWOOD
07 21 00.B4	2" RIGID INSULATION BELOW SLAB, REFER ARCH DWGS/SPECS
07 21 00.B5	VERTICAL RIGID INSULATION AGAINST EXTERIOR WALL FOOTING, REFER ARCH DWGS/SPECS
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.
08 43 00	WINDOW WALL SYSTEM REF ARCH DWGS
09 22 16	FASCIA SYSTEM, REF ARCH DWGS
09 51 00	CEILING REFER ARCH DWGS
31 23 00.B2	8" COMPACTED GRAVEL SUB-BASE

CONTRACT DOCUMENTS SUBMISSION FULLY SPRINKLERED

0	100% BID DOCUMENTS	05/26/2023	CONSULTANTS:	ARCHITECT/ENGINEERS:	STAMP:	Drawing Title	Phase	Project Title	Project Number
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						Approved: Project Director		Location	Building Number
								2101 ELM STREET, FARGO, ND 58102	52
								Issue Date	Drawing Number
								05/26/2023	S-325
								Checked	DWG 50 of 188
								SJF	
								Drawn	
								JH	

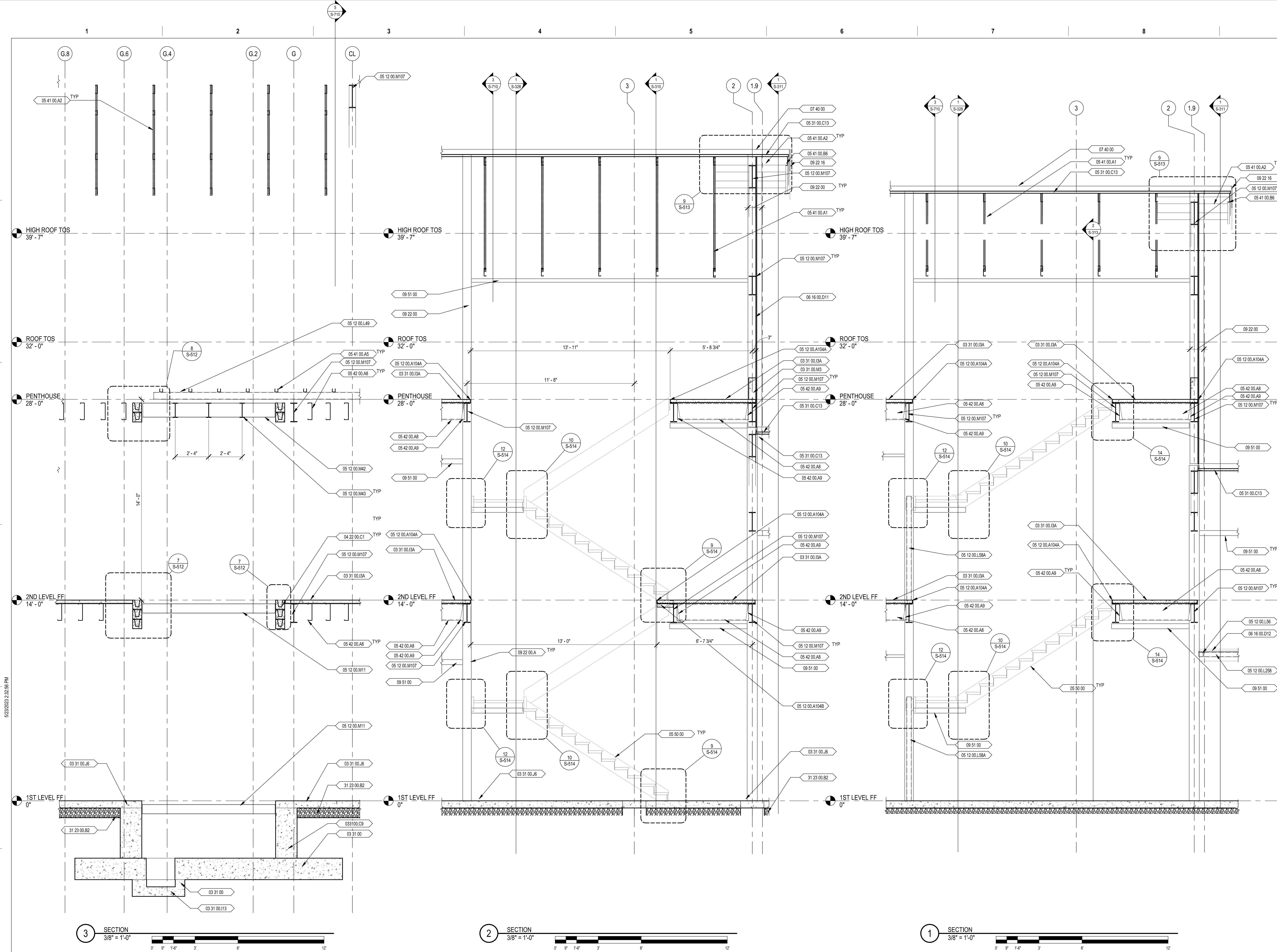
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VA FORM 08 - 6231



- | KEYNOTES | | |
|----------------|---|--|
| 02 40 00 | EXISTING BUILDING | |
| 02 41 00.C44 | DEMOLISHED WALL REF. 1/SD-110 | |
| 02 41 00.C45 | EXISTING 8" CONC. WALL TO REMAIN | |
| 03 21 00.A17 | 6-#5 X CONC. FROM WALL FOOTING | |
| 03 21 00.A20 | #5 X 2'-0" DOWELS @ 16" o.c. SET IN HLTI HY-200 OR EQUIV. EMBED = 8" | |
| 03 21 00.A21 | #6 X 2'-0" DOWELS @ 1/3 PTS OF WALL HEIGHT AND @ 16" o.c. DOWN LENGTH OF WALL | |
| 03 31 00 | STRUCTURAL CONCRETE, REFER TO ASSOCIATED PLANS, DETAILS, BLOWUP SECTIONS AND SCHEDULES FOR SIZES AND REINFORCING. REFER TO PART V SHEET S-001 FOR ADDITIONAL INFORMATION. | |
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| 03 31 00.M3 | CONCRETE CURB 6" X 8" - 6" REINF. W/ #4 VERTICALS @ 12" O.C. AND 3/4" HORIZONTALS X CONT. | |
| 05 12 00.A104A | DECK STOP ANGLE L3x3x1/4XCONT. | |
| 05 12 00.B26 | C4x5.4 | |
| 05 12 00.L49 | HSS5x5x3/8 | |
| 05 12 00.L51 | HSS5x5x1/4 | |
| 05 12 00.L117 | HSS12dx3/8 | |
| 05 12 00.L230 | HSS6dx3/8 WINDOW SILL FOR CAST STONE AND BLAST SUPPORT | |
| 05 12 00.L239 | HSS6dx3/8 WINDOW HEADER FOR BLAST SUPPORT | |
| 05 12 00.M107 | W16x31 | |
| 05 12 00.M117 | W18x35 | |
| 05 12 00.M118 | W18x40 | |
| 05 31 00.C13 | 1.5 WR 22 4 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002 | |
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| 05 41 00.A2 | P600S265-88 OUTLOOKERS AT 4'-0" O.C. | |
| 05 41 00.A5 | P-1000 UNISTRUT OR EQUAL @ 2'-0" O.C. ATTACH TO HSS BY WELDING 1/4" FILLET WELD EACH SIDE | |
| 05 41 00.B6 | 600T-250-54, 50KSI X CLOSURE CHANNEL | |
| 05 42 00.A8 | 1400S350-68 @ 1'-4" O.C. | |
| 05 42 00.A9 | SIMPSON STRONG-TIE 3-1/2" x 14" 18-Gauge G90 GALVANIZED TOP MOUNT JOIST HANGER OR EQUAL REF DETAIL 5/S-511 | |
| 05 42 00.A10 | SIMPSON STRONG-TIE 3-1/2" x 12.5" 18-Gauge G90 GALVANIZED TOP MOUNT JOIST HANGER OR EQUAL REF DETAIL 5/S-511 | |
| 06 16 00.D11 | 3/4" PLYWOOD | |
| 07 21 00.B4 | 2" RIGID INSULATION BELOW SLAB, REFER ARCH DWGS/SPECS | |
| 07 21 00.B5 | VERTICAL RIGID INSULATION AGAINST EXTERIOR WALL FOOTING, REFER ARCH DWGS/SPECS | |
| 07 40 00 | ROOF SYSTEM REF. ARCH. DWGS AND SPECS. | |
| 07 42 00 | EXTERIOR WALL SYSTEM, REFER ARCH DWGS | |
| 09 22 00.A | INTERIOR WALL SYSTEM, REFER ARCH DWGS | |
| 09 22 16 | FASCIA SYSTEM, REFER ARCH DWGS | |
| 09 51 00 | CEILING REFER ARCH DWGS | |
| 09 52 00.B2 | 8" COMPACTED GRAVEL SUB-BASE | |

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			Building Number 52
Location 2101 ELM STREET, FARGO, ND 58102			Drawing Number S-326
Issue Date 05/26/2023	Checked SJF	Drawn JH	DWG 51 of 188



- GENERAL NOTES**
- A. CONCRETE SHALL BE LABORATORY DESIGNED TO DEVELOP MINIMUM 28-DAY COMPRESSIVE STRENGTHS AS LISTED IN SPECIFICATIONS. REFER TO SPECIFICATIONS FOR AGGREGATES, CEMENT, ADMIXTURES, ETC.
- B. CONTRACTOR SHALL PROVIDE NECESSARY CONSTRUCTION JOINTS IN MONOLITHIC CONCRETE FORMING SO THAT NOT MORE THAN 400 CUBIC YARDS IS POURED IN ONE DAY. LOCATION OF CONSTRUCTION JOINTS MUST HAVE PRIOR APPROVAL OF STRUCTURAL ENGINEER OF RECORD AND SHALL GENERALLY BE LOCATED AT OR NEAR MID-POINTS OF SPANS OF SLAB, BEAMS AND WALLS. ALL CONTINUOUS REINFORCING SHALL BE CARRIED THROUGH THE JOINT. SEE DETAILS FOR CONTINUOUS KEY BETWEEN ADJACENT POURS.
- C. SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATION AND SIZES OF ALL SLAB OPENINGS AND SLEEVES, INSERTS, ANCHORS AND BOLTS REQUIRED BY ABOVE.
- D. 6" CONCRETE SLAB REINFORCED W/ #4 @ 12" O.C. EACH WAY IN TOP. SUPPORT AT 4'-0" O.C. INTERVALS.
- E. WIDE FLANGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, Fy=50 KSI. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B, Fy=35. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, Fy=46 KSI. ALL OTHERS SHALL CONFORM TO ASTM A56, Fy=36 KSI. CONNECTIONS SHALL CONFORM TO REQUIREMENTS OF AISC.
- F. ROOF DECK IS 1-1/2" 22 GAUGE TYPE B RIB DECK COMPLYING WITH STEEL DECK INSTITUTE. WITH MINIMUM I=183 IN. 4FT. SN=182 IN. 3FT. ATTACH TO SUPPORTING MEMBERS BY PLUG WELDING DIRECTLY THROUGH BOTTOM OF THE RIBS AT EVERY SUPPORT. WELD EACH SHEET AT BOTH SIDES AND AT OTHER RIBS SO THAT SPACING BETWEEN WELDS ACROSS THE WIDTH OF EACH SHEET DOES NOT EXCEED 18" IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.
- G. STRUCTURAL FRAMING CONNECTIONS SHALL BE SEATED COLUMN CAPS, CLIP ANGLES OR WEB PLATES AS INDICATED ON DETAILS. USE A325 HIGH STRENGTH BOLTS OR WELDS SUFFICIENT TO DEVELOP REACTION CAPACITY ALLOWABLE UNIFORM LOAD/SPAN DIVIDED BY TWO AS SHOWN IN AISC MANUAL SECTION 3 (15th EDITION).
- H. DECK STOP ANGLES, FASCIA ANGLES, HANGERS, CLIPS AND OTHER STRUCTURAL AND MISCELLANEOUS MEMBERS SHALL BE CONNECTED OR JOINED USING 3/16" OR LARGER FILLET OR GROOVE WELDS AS REQUIRED FOR ADEQUATE CONNECTION.

KEYNOTES

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03 31 00	STRUCTURAL CONCRETE, REFER TO ASSOCIATED PLANS, DETAILS, BLOWUP SECTIONS AND SCHEDULES FOR SIZES AND REINFORCING. REFER TO PART V SHEET S-001 FOR ADDITIONAL INFORMATION.
03 31 00.13A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
03 31 00.113	8" CAST-IN-PLACE CONCRETE SLAB ON CARDBOARD CARTONS. REINFORCE WITH #5 @ 8" O.C. EACH WAY, TOP AND BOTTOM.
03 31 00.J6	6" SLAB ON GRADE, REINF. WITH #4 @ 12" O.C. IN TOP. REFER PART III, V AND VI, SHEET S-002, DETAILS/NOTES 1/S-620
03 31 00.M3	CONCRETE CURB 6" X 1'-6" REINF. W/ #4 VERTICALS @ 12" O.C. AND 3 #4 HORIZONTALS X CONT.
04 22 00.C1	8" x 8" BOND BEAM, REFER MN-3 OF MASONRY NOTES, SHEET S-610
05 12 00.A104A	DECK STOP ANGLE L3x3x1/4XCONT.
05 12 00.A104B	L3x3x1/4 OUTLOOKER AT 12" O.C.
05 12 00.L49	HSS5x5x3/8
05 12 00.L56	HSS4x4x3/8
05 12 00.L58A	HSS4x4x1/4 STAIR SUPPORT REFER PART XII DEFERRED SUBMITTAL, PARAGRAPH B.2
05 12 00.L258	HSS4x2x1/4
05 12 00.M11	W8x13
05 12 00.M42	W12x16
05 12 00.M43	W12x19
05 12 00.M107	W16x31
05 31 00.C13	1.5 WR 22 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002
05 41 00.A1	COLD FORMED METAL FRAMING TRUSSES, PREFAB AND DESIGNED PER PART XII AND SUBMITTED PER PART XIII ITEM B. REFER TO SHEET S-710 AND FOR GENERAL CONFIGURATION
05 41 00.A2	600S285-68 OUTLOOKERS AT 4'-0" O.C.
05 41 00.A5	P-1000 UNISTRUT OR EQUAL @ 2'-0" O.C. ATTACH TO HSS BY WELDING 1/4" FILLET WELD EACH SIDE
05 41 00.B6	1400S350-54, 50KSI X CLOSURE CHANNEL
05 42 00.A8	1400S350-68 @ 1'-4" O.C.
05 42 00.A9	SIMPSON STRONG-TIE 3-1/2" x 14" 18-Gauge G90 GALVANIZED TOP MOUNT JOIST HANGER OR EQUAL REF DETAIL 5/S-511
05 50 00	METAL STAIRS, REFER TO ARCH
06 16 00.D11	3/4" PLYWOOD
06 16 00.D12	3/4" EXTERIOR GRADE TREATED PLYWOOD
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.
09 22 00	EXTERIOR WALL SYSTEM, REF ARCH DWGS
09 22 00.A	INTERIOR WALL SYSTEM, REF ARCH DWGS
09 22 16	FASCIA SYSTEM, REF ARCH DWGS
09 51 00	CEILING REFER ARCH DWGS
31 23 00.B2	8" COMPACTED GRAVEL SUB-BASE
033100.C9	

**CONTRACT DOCUMENTS SUBMISSION
FULLY SPRINKLERED**

0	100% BID DOCUMENTS	05/26/2023
Number: Revisions: Date:		
CONSULTANTS: LUNDY & FRANKE ENGINEERING 540 HEIMEN ROAD SAN ANTONIO, TEXAS 78232 TX FIRM REG. #3888		
ARCHITECT/ENGINEERS: VALHALLA ENGINEERING GROUP, LLC 750 W HAMPTON AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-6307 WWW.VALHALLAENGINEERING.COM		
STAMP: This digital signature was authorized on 05/26/2023 by SHAWN J. FRANKE B26359 VEG 21.05		
U.S. Department of Veterans Affairs		
Drawing Title BUILDING SECTIONS		
Approved: Project Director		
Phase 100% BID DOCUMENTS		
Project Title CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION		
Location 2101 ELM STREET, FARGO, ND 58102		
Issue Date 05/26/2023		
Checked SJF		
Drawn JH		
Project Number 437-316		
Building Number 52		
Drawing Number S-327 DWG 52 of 188		

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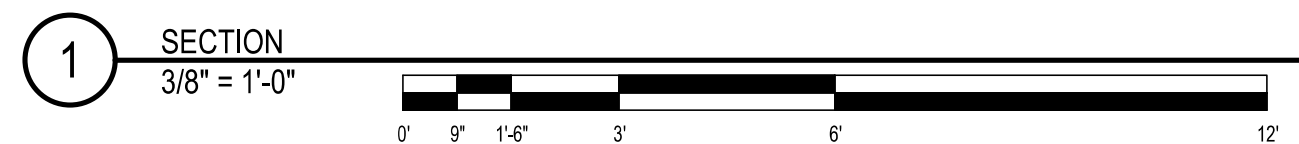
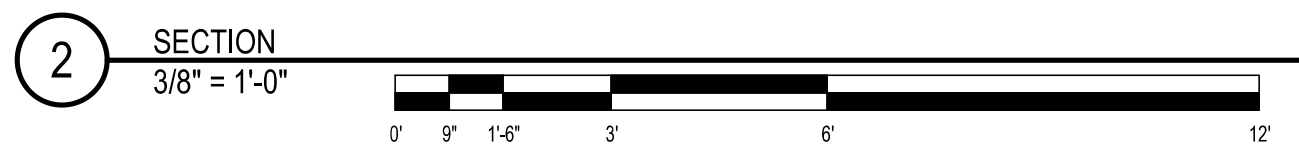
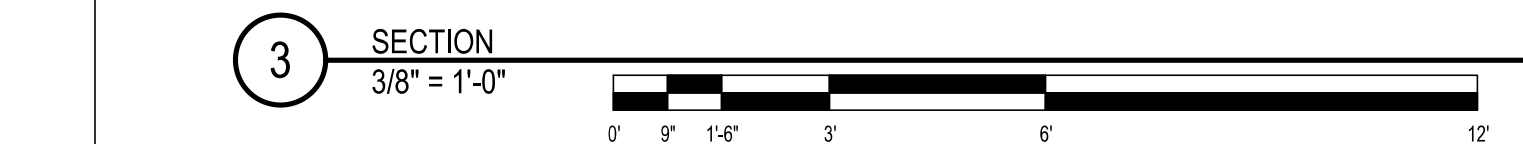
GENERAL NOTES

- A. CONCRETE SHALL BE LABORATORY DESIGNED TO DEVELOP MINIMUM 28-DAY COMPRESSIVE STRENGTHS AS LISTED IN SPECIFICATIONS. REFER TO SPECIFICATIONS FOR AGGREGATES, CEMENT, ADMIXTURES, ETC.
- B. CONTRACTOR SHALL PROVIDE NECESSARY CONSTRUCTION JOINTS IN MONOLITHIC CONCRETE FORMING SO THAT NOT MORE THAN 400 CUBIC YARDS IS POURED IN ONE DAY. LOCATION OF CONSTRUCTION JOINTS MUST HAVE PRIOR APPROVAL OF STRUCTURAL ENGINEER OF RECORD AND SHALL GENERALLY BE LOCATED AT OR NEAR MID-POINTS OF SPANS OF SLAB, BEAMS AND WALLS. ALL CONTINUOUS REINFORCING SHALL BE CARRIED THROUGH THE JOINT. SEE DETAILS FOR CONTINUOUS KEY BETWEEN ADJACENT POURS.
- C. SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATION AND SIZES OF ALL SLAB OPENINGS AND SLEEVES, INSERTS, ANCHORS AND BOLTS REQUIRED BY ABOVE.
- D. 8" CONCRETE SLAB REINFORCED W/ #4 @ 12" O.C. EACH WAY IN TOP. SUPPORT AT 4'-0" O.C. EACH WAY WITH CONCRETE BLOCKS OR BRICKS. SUPPORT BOTTOM BEAM REINFORCEMENT AT 4'-0" INTERVALS.
- E. WIDE FLANGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A502, FY=50 KSI. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B, FY=36. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, FY=46 KSI. ALL OTHERS SHALL CONFORM TO ASTM A36, FY=36 KSI. CONNECTIONS SHALL CONFORM TO REQUIREMENTS OF AISC.
- F. ROOF DECK IS 1-1/2" X 22 GAUGE TYPE B RIB DECK COMPLYING WITH STEEL DECK INSTITUTE; WITH MINIMUM 1-1/8 IN. 4FT. SN=162 IN. 3FT. ATTACH TO SUPPORTING MEMBERS BY PLUG WELDING DIRECTLY THROUGH BOTTOM OF THE RIBS AT EVERY SUPPORT. WELD EACH SHEET AT BOTH SIDES AND AT OTHER RIBS SO THAT SPACING BETWEEN WELDS ACROSS THE WIDTH OF EACH SHEET DOES NOT EXCEED 18" IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.
- G. STRUCTURAL FRAMING CONNECTIONS SHALL BE SEATED COLUMN CAPS, CLIP ANGLES OR WEB PLATES AS INDICATED ON DETAILS. USE A325 HIGH STRENGTH BOLTS OR WELDS SUFFICIENT TO DEVELOP REACTION CAPACITY ALLOWABLE UNIFORM LOAD SPAN DIVIDED BY TWO AS SHOWN IN AISC MANUAL SECTION 3 (19th EDITION).
- H. DECK STOP ANGLES, FASCIA ANGLES, HANGERS, CLIPS AND OTHER STRUCTURAL AND MISCELLANEOUS MEMBERS SHALL BE CONNECTED OR JOINED USING 3/16" OR LARGER FILLET OR GROOVE WELDS AS REQUIRED FOR ADEQUATE CONNECTION.

KEYNOTES

03 31 00	STRUCTURAL CONCRETE, REFER TO ASSOCIATED PLANS, DETAILS, BLOWUP SECTIONS AND SCHEDULES FOR SIZES AND REINFORCING. REFER TO PART V SHEET S-001 FOR ADDITIONAL INFORMATION.
03 31 00.A1	GROUT BELOW PRECAST PANEL, REFER PART IV ITEM C, SHEET S-001
03 31 00.I3A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
03 31 00.I13	8" CAST-IN-PLACE CONCRETE SLAB ON CARDBOARD CARTONS, REINFORCE WITH #5 @ 8" O.C. EACH WAY, TOP AND BOTTOM.
03 31 00.J6	6" SLAB ON GRADE. REINF. WITH #4 @ 12" O.C. IN TOP. REFER PART III, V AND VI, SHEET S-002, DETAIL/NOTES 1/S-620
03 31 00.J8	12" CARDBOARD CARTONS
03 31 00.M3	CONCRETE CURB 8" X 1' - 6" REINF. W/ #4 VERTICALS @ 12" O.C. AND 3 #4 HORIZONTALS X CONT.
05 12 00.A104A	DECK STOP ANGLE L3x3x1/4XCONT.
05 12 00.B6	C12x20.7
05 12 00.L51	HSS5x5x1/4
05 12 00.M45	W12x26
05 12 00.M107	W16x31
05 31 00.C13	1.5 WR 22 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002
05 41 00.A1	COLD FORMED METAL FRAMING TRUSSES, PREFAB AND DESIGNED PER PART XII AND SUBMITTED PER PART XIII ITEM B. REFER TO SHEET S-710 AND FOR GENERAL CONFIGURATION
05 42 00.A8	1400S350-68 @ 1'-4" O.C.
05 50 00	METAL STAIRS, REFER TO ARCH
06 16 00.D11	3/4" PLYWOOD
06 16 00.D12	3/4" EXTERIOR GRADE TREATED PLYWOOD
07 21 00.B5	VERTICAL RIGID INSULATION AGAINST EXTERIOR WALL FOOTING, REFER ARCH DWGS/SPECS
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.
09 22 00	EXTERIOR WALL SYSTEM, REF ARCH DWGS
09 22 16	FASCIA SYSTEM, REF ARCH DWGS
09 51 00	CEILING REFER ARCH DWGS
31 23 00.B2	8" COMPACTED GRAVEL SUB-BASE

CONTRACT DOCUMENTS SUBMISSION
FULLY SPRINKLERED



0	100% BID DOCUMENTS	05/26/2023
Number:	Revisions:	Date:

CONSULTANTS:

LUNDY & FRANKE
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TX FIRM REG. #3888

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VEG 21.05

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SHAWN J. FRANKE
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LICENSED PROFESSIONAL ENGINEER

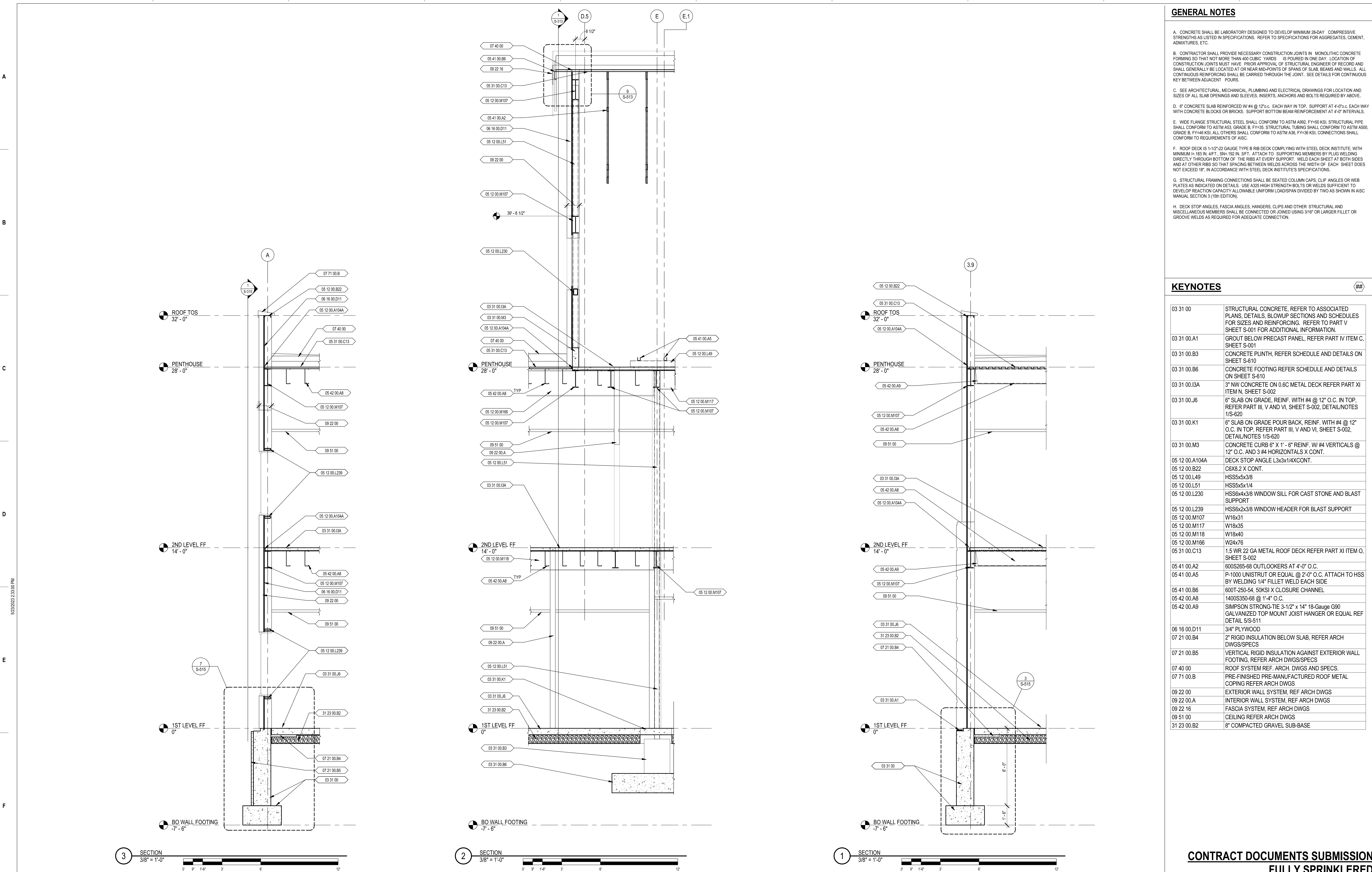
U.S. Department of Veterans Affairs

Drawing Title
BUILDING SECTIONS

Approved: Project Director

Phase
100% BID DOCUMENTS

Project Title CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION	Project Number 437-316
Location 2101 ELM STREET, FARGO, ND 58102	Building Number 52
Issue Date 05/26/2023	Drawing Number S-328 DWG 53 of 188
Checked SJF	Drawn JH



GENERAL NOTES

A. CONCRETE SHALL BE LABORATORY DESIGNED TO DEVELOP MINIMUM 28-DAY COMPRESSIVE STRENGTHS AS LISTED IN SPECIFICATIONS. REFER TO SPECIFICATIONS FOR AGGREGATES, CEMENT, ADMIXTURES, ETC.

B. CONTRACTOR SHALL PROVIDE NECESSARY CONSTRUCTION JOINTS IN MONOLITHIC CONCRETE FORMING SO THAT NOT MORE THAN 400 CUBIC YARDS IS POURED IN ONE DAY. LOCATION OF CONSTRUCTION JOINTS MUST HAVE PRIOR APPROVAL OF STRUCTURAL ENGINEER OF RECORD AND SHALL GENERALLY BE LOCATED AT OR NEAR MID-POINTS OF SPANS OF SLAB, BEAMS AND WALLS. ALL CONTINUOUS REINFORCING SHALL BE CARRIED THROUGH THE JOINT. SEE DETAILS FOR CONTINUOUS KEY BETWEEN ADJACENT POURS.

C. SEE ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR LOCATION AND SIZES OF ALL SLAB OPENINGS AND SLEEVES, INSERTS, ANCHORS AND BOLTS REQUIRED BY ABOVE.

D. 6" CONCRETE SLAB REINFORCED W/ #4 @ 12" o.c. EACH WAY IN TOP. SUPPORT AT 4'-0" o.c. EACH WAY WITH CONCRETE BLOCKS OR BRICKS. SUPPORT BOTTOM BEAM REINFORCEMENT AT 4'-0" INTERVALS.

E. WIDE FLANGE STRUCTURAL STEEL SHALL CONFORM TO ASTM A992, Fy=50 KSI. STRUCTURAL PIPE SHALL CONFORM TO ASTM A53, GRADE B, Fy=35. STRUCTURAL TUBING SHALL CONFORM TO ASTM A500, GRADE B, Fy=46 KSI. ALL OTHERS SHALL CONFORM TO ASTM A583, Fy=36 KSI. CONNECTIONS SHALL CONFORM TO REQUIREMENTS OF AISC.

F. ROOF DECK IS 1-1/2" 22-GAUGE TYPE B RIB DECK COMPLYING WITH STEEL DECK INSTITUTE, WITH MINIMUM I=183 IN. 4FT, SN=182 IN. 3FT. ATTACH TO SUPPORTING MEMBERS BY PLUG WELDING DIRECTLY THROUGH BOTTOM OF THE RIBS AT EVERY SUPPORT. WELD EACH SHEET AT BOTH SIDES AND AT OTHER RIBS SO THAT SPACING BETWEEN WELDS ACROSS THE WIDTH OF EACH SHEET DOES NOT EXCEED 18" IN ACCORDANCE WITH STEEL DECK INSTITUTE'S SPECIFICATIONS.

G. STRUCTURAL FRAMING CONNECTIONS SHALL BE SEATED COLUMN CAPS, CLIP ANGLES OR WEB PLATES AS INDICATED ON DETAILS. USE A325 HIGH STRENGTH BOLTS OR WELDS SUFFICIENT TO DEVELOP REACTION CAPACITY ALLOWABLE UNIFORM LOAD/SPAN DIVIDED BY TWO AS SHOWN IN AISC MANUAL SECTION 3 (15th EDITION).

H. DECK STOP ANGLES, FASCIA ANGLES, HANGERS, CLIPS AND OTHER STRUCTURAL AND MISCELLANEOUS MEMBERS SHALL BE CONNECTED OR JOINED USING 3/16" OR LARGER FILLET OR GROOVE WELDS AS REQUIRED FOR ADEQUATE CONNECTION.

KEYNOTES

03 31 00	STRUCTURAL CONCRETE, REFER TO ASSOCIATED PLANS, DETAILS, BLOWUP SECTIONS AND SCHEDULES FOR SIZES AND REINFORCING. REFER TO PART V SHEET S-001 FOR ADDITIONAL INFORMATION.
03 31 00.A1	GROUT BELOW PRECAST PANEL, REFER PART IV ITEM C, SHEET S-001
03 31 00.B3	CONCRETE PLINTH, REFER SCHEDULE AND DETAILS ON SHEET S-610
03 31 00.B6	CONCRETE FOOTING REFER SCHEDULE AND DETAILS ON SHEET S-610
03 31 00.13A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
03 31 00.J6	8" SLAB ON GRADE, REINF. WITH #4 @ 12" O.C. IN TOP, REFER PART III, V AND VI, SHEET S-002, DETAIL/NOTES 1/S-620
03 31 00.K1	8" SLAB ON GRADE POUR BACK, REINF. WITH #4 @ 12" O.C. IN TOP, REFER PART III, V AND VI, SHEET S-002, DETAIL/NOTES 1/S-620
03 31 00.M3	CONCRETE CURB 6" X 1' - 6" REINF. W/ #4 VERTICALS @ 12" O.C. AND 3 #4 HORIZONTALS X CONT.
05 12 00.A104A	DECK STOP ANGLE L3x3x1/4XCONT.
05 12 00.B22	C6X8.2 X CONT.
05 12 00.L49	HSS5x5x3/8
05 12 00.L51	HSS5x5x1/4
05 12 00.L230	HSS6x4x3/8 WINDOW SILL FOR CAST STONE AND BLAST SUPPORT
05 12 00.L239	HSS6x2x3/8 WINDOW HEADER FOR BLAST SUPPORT
05 12 00.M107	W16x31
05 12 00.M117	W18x35
05 12 00.M118	W18x40
05 12 00.M166	W24x76
05 31 00.C13	1.5 WR 22 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002
05 41 00.A2	600S265-68 OUTLOOKERS AT 4'-0" O.C.
05 41 00.A5	P-1000 UNISTRUT OR EQUAL @ 2'-0" O.C. ATTACH TO HSS BY WELDING 1/4" FILLET WELD EACH SIDE
05 41 00.B6	600T-250-54, 50KSI X CLOSURE CHANNEL
05 42 00.A8	1400S350-68 @ 1'-4" O.C.
05 42 00.A9	SIMPSON STRONG-TIE 3-1/2" x 14" 18-Gauge G90 GALVANIZED TOP MOUNT JOIST HANGER OR EQUAL REF DETAIL 5/S-511
06 16 00.D11	3/4" PLYWOOD
07 21 00.B4	2" RIGID INSULATION BELOW SLAB, REFER ARCH DWGS/SPECS
07 21 00.B5	VERTICAL RIGID INSULATION AGAINST EXTERIOR WALL FOOTING, REFER ARCH DWGS/SPECS
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.
07 71 00.B	PRE-FINISHED PRE-MANUFACTURED ROOF METAL COPING REFER ARCH DWGS
09 22 00	EXTERIOR WALL SYSTEM, REF ARCH DWGS
09 22 00.A	INTERIOR WALL SYSTEM, REF ARCH DWGS
09 22 16	FASCIA SYSTEM, REF ARCH DWGS
09 51 00	CEILING REFER ARCH DWGS
31 23 00.B2	8" COMPACTED GRAVEL SUB-BASE

CONTRACT DOCUMENTS SUBMISSION FULLY SPRINKLERED

Project Title	CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION	Project Number	437-316
Location	2101 ELM STREET, FARGO, ND 58102	Building Number	52
Issue Date	05/26/2023	Drawing Number	S-329
Checked	SJF	DWNG	54 of 188
Drawn	JH		

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0	100% BID DOCUMENTS	05/26/2023
Number:	Revisions:	Date:

CONSULTANTS:

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This digital signature was authorized on May 26, 2023 by Shawn J. Franke

SHAWN J. FRANKE
82639
LICENSED PROFESSIONAL ENGINEER

5/26/2023

U.S. Department of Veterans Affairs

Drawing Title

BUILDING SECTIONS

Approved: Project Director

Phase

100% BID DOCUMENTS

Project Title	CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION	Project Number	437-316
Location	2101 ELM STREET, FARGO, ND 58102	Building Number	52
Issue Date	05/26/2023	Drawing Number	S-330
Checked	SJF	Drawn	JH
		DWG	55 of 188

GENERAL NOTES

- A. UNLESS NOTED OTHERWISE, ALL WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. SPECIFICATIONS SHALL TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS.
- B. PRIOR TO STARTING THE WORK, THE CONTRACTOR SHALL COMPARE THE INITIAL CONDITIONS SHOWN ON THE DRAWINGS WITH THE EXISTING SITE CONDITIONS. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS SHALL BE REPORTED TO THE VHA COR AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
- C. IN CASE OF CONFLICT BETWEEN REQUIREMENTS, FOLLOW THE MOST STRINGENT REQUIREMENT INDICATED OR AS DIRECTED BY THE VHA CO WITHOUT ADDITIONAL COST TO THE OWNER.
- D. THE CONTRACTOR SHALL COORDINATE & VERIFY ALL DIMENSIONS & ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS WITH THE DIMENSIONS AND ELEVATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS. DISCREPANCIES SHALL BE REPORTED TO THE VHA COR AND RESOLVED PRIOR TO STARTING ANY RELATED WORK.
- E. DETAILS, SECTIONS, & NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL & SHALL APPLY TO SIMILAR SITUATIONS WHERE APPROPRIATE UNLESS NOTED OR OTHERWISE INDICATED. DETAILS MAY NOT BE DRAWN TO SCALE OR DIMENSIONS INDICATED ON TYPICAL DETAILS AND SECTIONS MAY REQUIRE ADJUSTMENT TO SUIT SPECIFIC CONDITIONS.
- F. MEANS AND METHODS AS WELL AS MAINTAINING SITE SAFETY ARE THE RESPONSIBILITY OF THE CONTRACTOR.
1. SHORING AND BRACING REQUIREMENTS: WALLS ABOVE GRADE SHALL BE BRACED AND/OR SHORED UNTIL THE STRUCTURAL SYSTEM IS COMPLETE. WALLS ARE NOT SELF-SUPPORTING.
2. FLOOR AND ROOF STRUCTURES: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE METHOD AND SEQUENCE OF ALL STRUCTURAL ERECTION. PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED TO PROVIDE ADEQUATE INTERIM VERTICAL & LATERAL SUPPORT. SHORING AND BRACING SHALL REMAIN IN PLACE UNTIL ALL PERMANENT MEMBERS ARE IN PLACE AND ALL FINAL CONNECTIONS ARE COMPLETE. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL ROOF AND FLOOR CONNECTIONS. THE BUILDING SHALL BE ADEQUATELY SHORED AND BRACED UNTIL ALL STRUCTURAL COMPONENTS ARE COMPLETE AND CONNECTED AS INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS.
- G. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE THE WORK WITH ALL TRADES & ALL ITEMS TO BE INTEGRATED INTO STRUCTURAL SYSTEM. OPENINGS OR PENETRATIONS THROUGH OR ATTACHMENTS TO THE STRUCTURAL SYSTEM THAT ARE NOT INDICATED ON DRAWINGS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR & SHALL BE COORDINATED WITH THE CO. THE ORDER OF CONSTRUCTION IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. IT IS THE CONTRACTOR'S OBLIGATION TO PROVIDE ITEMS NECESSARY FOR THE SELECTED CONSTRUCTION PROCEDURE.
- H. OBSERVATION VISITS TO THE SITE BY ARCHITECT/ENGINEER'S REPRESENTATIVES SHALL NOT BE CONSTRUED AS INSPECTIONS OR APPROVALS OF CONSTRUCTION.

KEYNOTES

03 31 00	STRUCTURAL CONCRETE, REFER TO ASSOCIATED PLANS, DETAILS, BLOWUP SECTIONS AND SCHEDULES FOR SIZES AND REINFORCING. REFER TO PART V SHEET S-001 FOR ADDITIONAL INFORMATION.
03 31 00.B3	CONCRETE PLINTH, REFER SCHEDULE AND DETAILS ON SHEET S-610
03 31 00.I3A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
03 31 00.I13	8" CAST-IN-PLACE CONCRETE SLAB ON CARDBOARD CARTONS, REINFORCE WITH #5 @ 8" O.C. EACH WAY, TOP AND BOTTOM.
03 31 00.J6	6" SLAB ON GRADE, REINF. WITH #4 @ 12" O.C. IN TOP, REFER PART III, V AND VI, SHEET S-002, DETAIL NOTES 1/S-620
03 31 00.J8	12" CARDBOARD CARTONS
05 12 00.A57A	L5x3 1/2 x3/8 CASTSTONE SILL SUPPORT
05 12 00.A104A	DECK STOP ANGLE L3x3x1/4XCONT.
05 12 00.B22	C6X8.2 X CONT.
05 12 00.B26	C4x5.4
05 12 00.L51	HSS5x5x1/4
05 12 00.L194	HSS8x4x3/8
05 12 00.L230	HSS6x4x3/8 WINDOW SILL FOR CAST STONE AND BLAST SUPPORT
05 12 00.L239	HSS6x2x3/8 WINDOW HEADER FOR BLAST SUPPORT
05 12 00.M107	W16x31
05 31 00.C13	1.5 WR 22 GA METAL ROOF DECK REFER PART XI ITEM O, SHEET S-002
05 42 00.A8	1400S350-68 @ 1'-4" O.C.
05 50 00	METAL STAIRS, REFER TO ARCH
06 16 00.D11	3/4" PLYWOOD
07 21 00.B4	2" RIGID INSULATION BELOW SLAB, REFER ARCH DWGS/SPECS
09 22 00	EXTERIOR WALL SYSTEM, REF ARCH DWGS
09 22 00.A	INTERIOR WALL SYSTEM, REF ARCH DWGS
09 51 00	CEILING REFER ARCH DWGS
31 23 00.B2	8" COMPACTED GRAVEL SUB-BASE

CONTRACT DOCUMENTS SUBMISSION
FULLY SPRINKLERED