

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

CONSULTANTS:

LUNDY & FRANKE
ENGINEERING
540 HEIMERS ROAD
SAN ANTONIO, TEXAS 78232
TEL: (210) 979-7900
TX FIRM REG. #3888

ARCHITECT/ENGINEERS:

VALHALLA
ENGINEERING
GROUP, LLC
750 W HAMPODEN AVE
SUITE 300
ENGLEWOOD, CO 80110
(720) 550-6307
WWW.VALHALLAENGINEERING.COM

VEG 21.05

STAMP:

SHAWN J. FRANKIE
82639
05-24-2023

U.S. Department
of Veterans Affairs

Drawing Title
**SECOND LEVEL BEAM LOADING
PLAN**

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

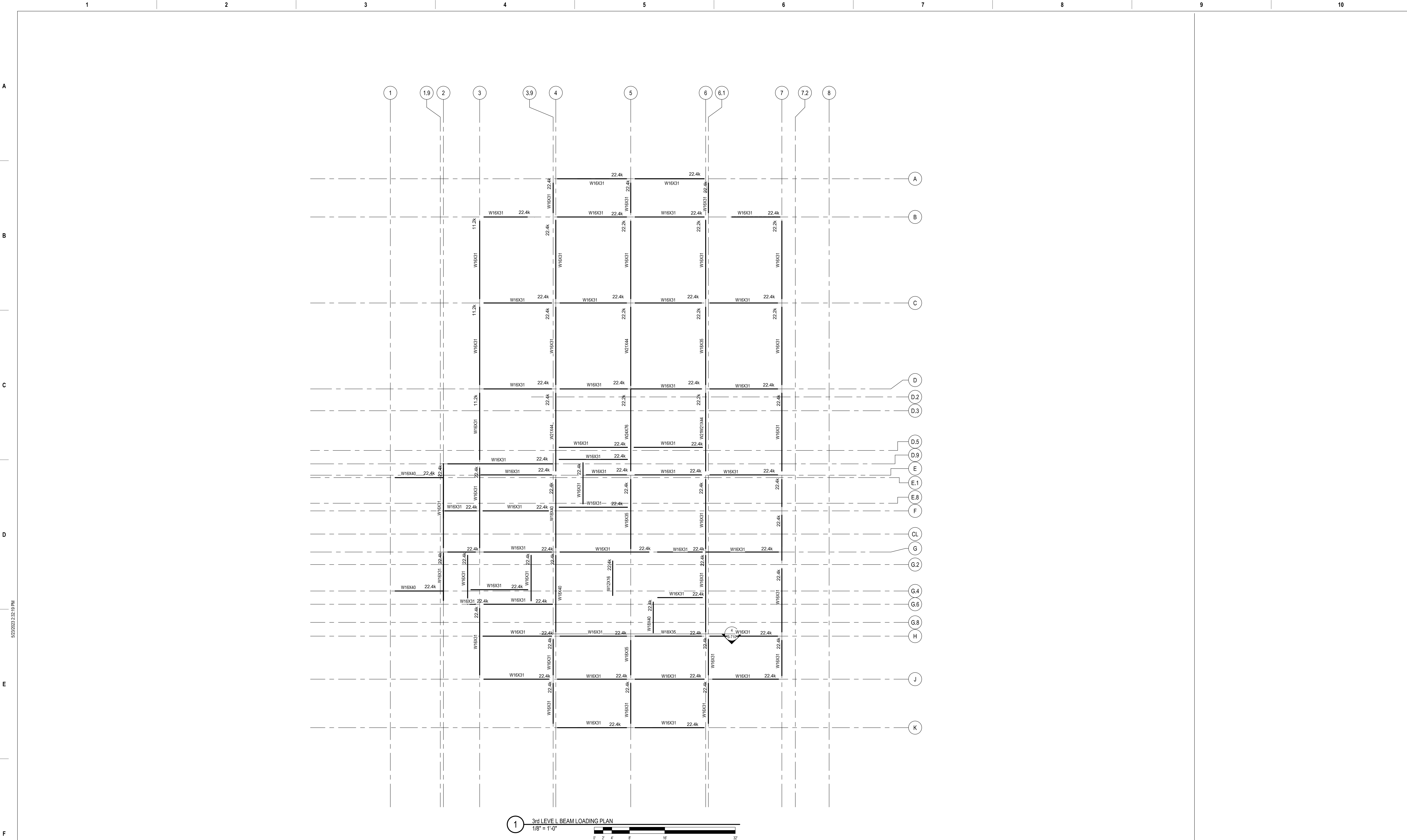
Checked
SJF



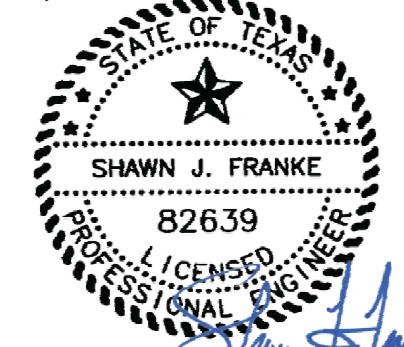
Drawn
JH

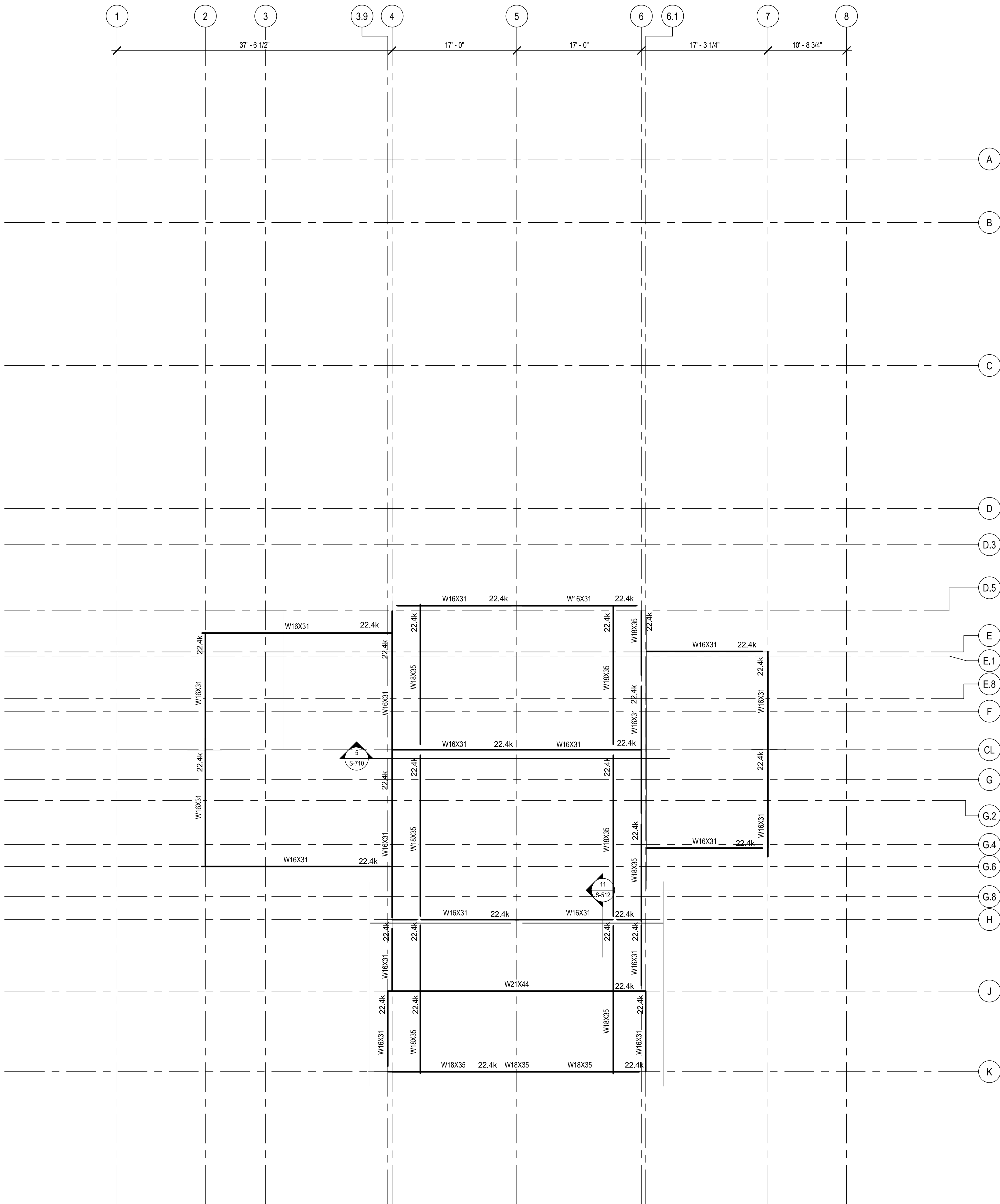
Project Number
437-316

Building Number
52

Drawing Number
S-220
DWG 36 of 188



0		100% BID DOCUMENTS		05/26/2023	
Number:		Revisions:		Date:	
CONSULTANTS:		ARCHITECT/ENGINEERS:		STAMP:	
					
540 HEIMER ROAD SAN ANTONIO, TEXAS 78232 TEL: (210) 579-7900 TX FIRM REG. #3888		750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-6307 WWW.VALHALLAENGINEERING.COM		U.S. Department of Veterans Affairs	
VEG 01.05		VEG 01.05		VEG 01.05	
Drawing Title		THIRD LEVEL BEAM LOADING PLAN		Phase	
Approved: Project Director		100% BID DOCUMENTS		Project Title	
2101 ELM STREET, FARGO, ND 58102		CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION		Project Number	
Issue Date		05/26/2023		Building Number	
Checked		SJF		Drawing Number	
Drawn		JH		S-221	
DWG 37 of 188					



1 ROOF BEAM LOADING PLAN
1/8" = 1'-0"

GENERAL NOTES

KEYNOTES

CONTRACT DOCUMENTS SUBMISSION
FULLY SPRINKLERED

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

CONSULTANTS:

LUNDY & FRANKE
ENGINEERING
540 HEIMER ROAD
SAN ANTONIO, TEXAS 78232
TX FIRM REG. #3888

ARCHITECT/ENGINEERS:

VALHALLA
ENGINEERING
GROUP, LLC
750 W HAMPODEN AVE
SUITE 300
ENGLEWOOD, CO 80110
(720) 550-6307
WWW.VALHALLAENGINEERING.COM

STAMP:

SHAWN J. FRANKIE
82639
LICENSED PROFESSIONAL ENGINEER
05-24-2023

U.S. Department
of Veterans Affairs

Drawing Title
HIGH ROOF BEAM LOADING PLAN

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

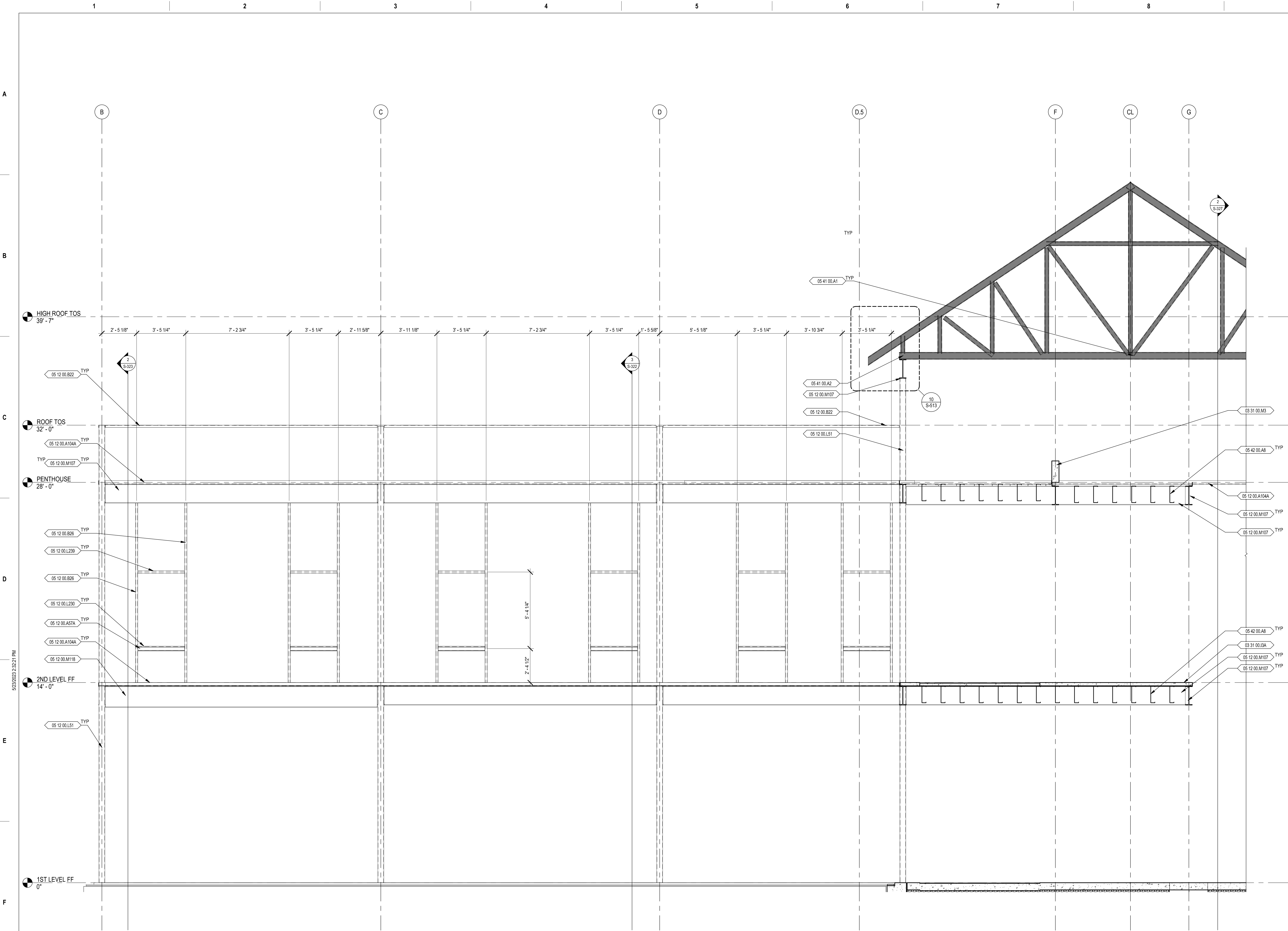
Checked
SJF

Drawn
JH

Project Number
437-316

Building Number
52

Drawing Number
S-222
DWG 38 of 188





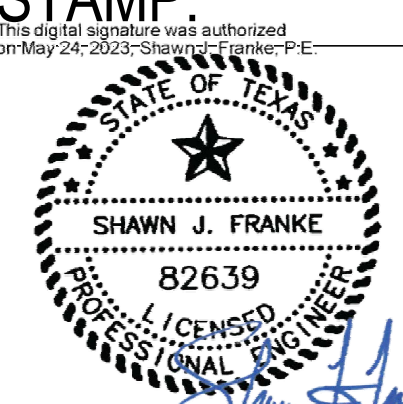

GENERAL NOTES

- 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. 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 1-1/8" IN. 4 FT. SN=152 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 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.

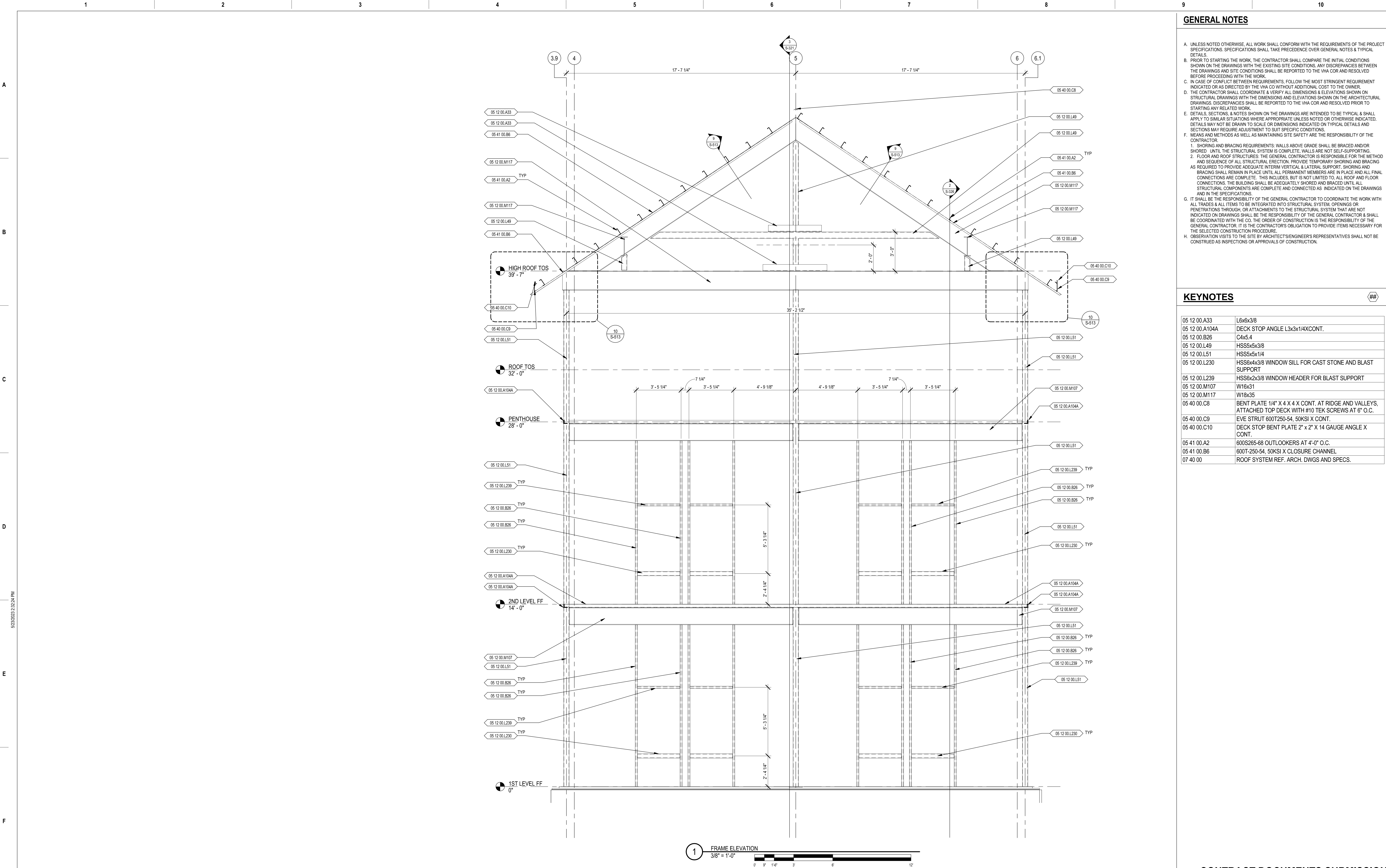
KEYNOTES

03 31 00.13A	3" NW CONCRETE ON 0.6C METAL DECK REFER PART XI ITEM N, SHEET S-002
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.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.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.M118	W18x40
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	1400S350-68 @ 1'-4" O.C.

CONTRACT DOCUMENTS SUBMISSION FULLY SPRINKLERED

0	100% BID DOCUMENTS	05/26/2023	CONSULTANTS:	ARCHITECT/ENGINEERS:	STAMP:	Drawing Title	Phase	Project Title	Project Number
						FRAME ELEVATIONS	100% BID DOCUMENTS	CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION	437-316
			750 W HAMPODEN AVE SUITE 300 ENGLEWOOD, CO 80110 (720) 550-6307 WWW.VALHALLAENGINEERING.COM			Approved: Project Director		Location 2101 ELM STREET, FARGO, ND 58102	Building Number 52
Number:	Revisions:	Date:						Issue Date 05/26/2023	Drawing Number S-310
								Checked SJF	DWG 39 of 188
								Drawn JH	

D:\Rev 2023\2101_05_27\100_02_1\unfiled\unfiled.rvt
5/26/2023 2:52:21 PM





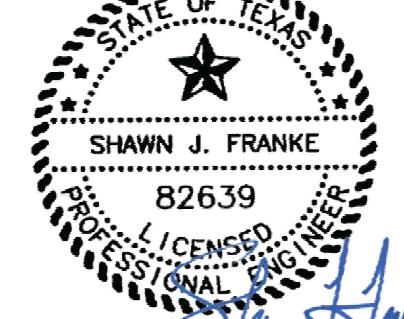

GENERAL NOTES

- 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'S/ENGINEER'S REPRESENTATIVES SHALL NOT BE CONSTRUED AS INSPECTIONS OR APPROVALS OF CONSTRUCTION.

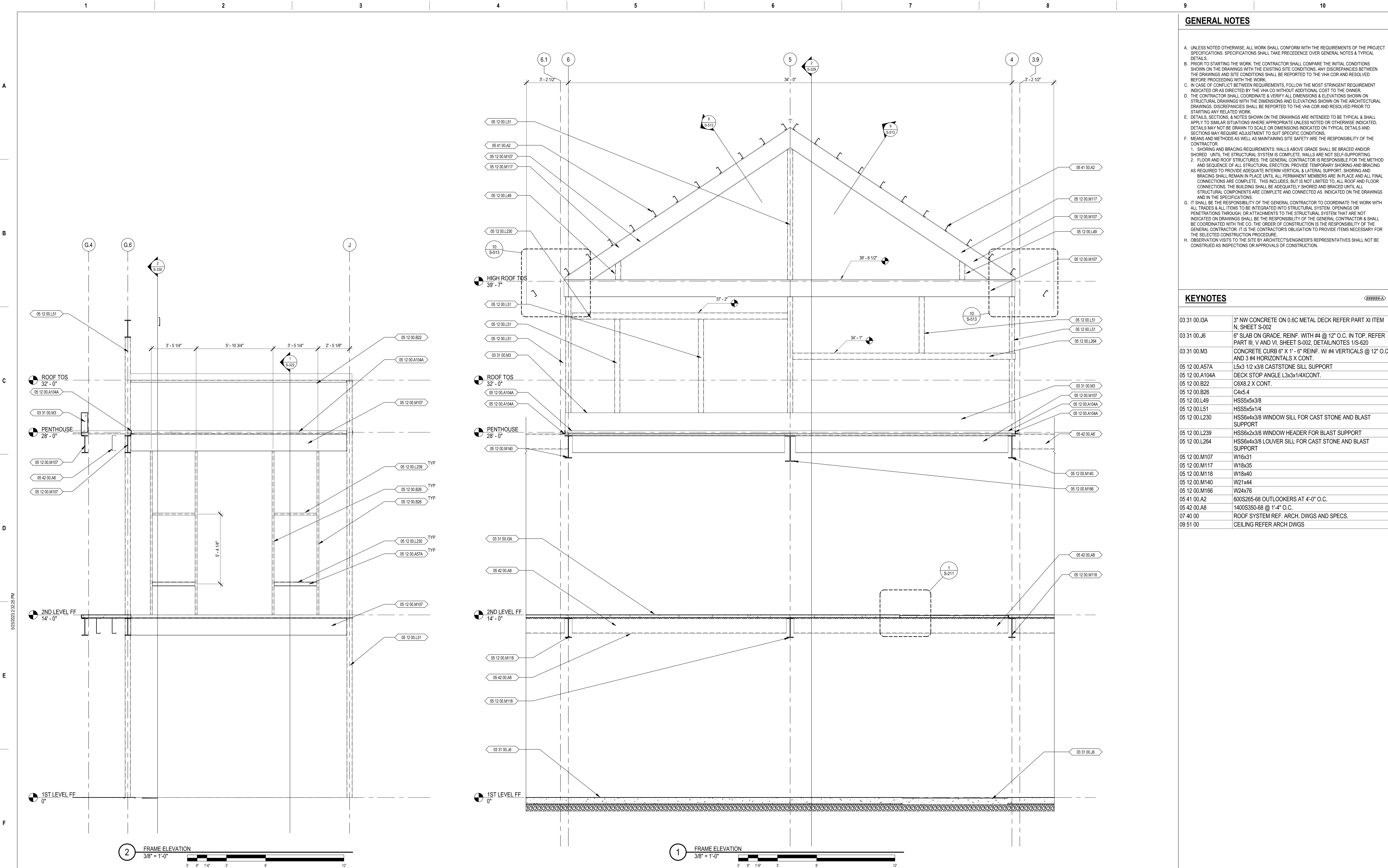
KEYNOTES

05 12 00.A33	L6x6x3/8
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.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 40 00.C8	BENT PLATE 1/4" X 4 X 4 X CONT. AT RIDGE AND VALLEYS, ATTACHED TOP DECK WITH #10 TEK SCREWS AT 6" O.C.
05 40 00.C9	EVE STRUT 6007250-54, 50KSI X CONT.
05 40 00.C10	DECK STOP BENT PLATE 2" X 2" X 1/4 GAUGE ANGLE X CONT.
05 41 00.A2	600S265-68 OUTLOOKERS AT 4'-0" O.C.
05 41 00.B6	600T-250-54, 50KSI X CLOSURE CHANNEL
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.

CONTRACT DOCUMENTS SUBMISSION FULLY SPRINKLERED

0	100% BID DOCUMENTS	05/26/2023	CONSULTANTS:	ARCHITECT/ENGINEERS:	STAMP:	Drawing Title	Phase	Project Title	Project Number
						FRAME ELEVATIONS	100% BID DOCUMENTS	CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION	437-316
						Approved: Project Director		Location	Building Number
								2101 ELM STREET, FARGO, ND 58102	52
								Issue Date	Drawing Number
								05/26/2023	S-312
								Checked	DWG 41 of 188
								SJF	
								Drawn	
								JH	

D:\Rev 2023\105_57RUC_021_unfiled\document



GENERAL NOTES

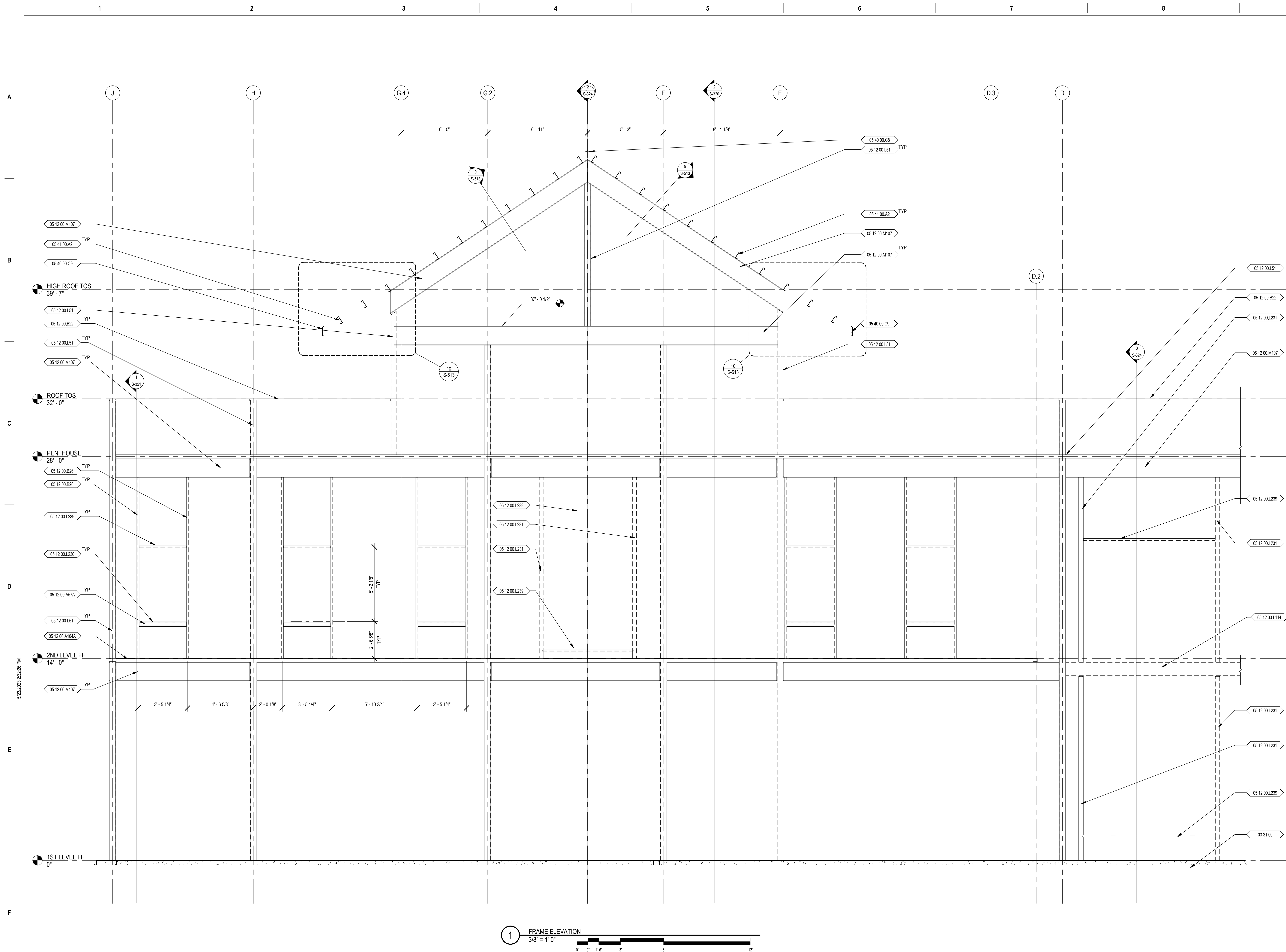
- UNLESS NOTED OTHERWISE, ALL WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. SPECIFICATIONS SHALL TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS.
- PRIOR TO STARTING THE WORK, THE CONTRACTOR SHALL COMPARE THE INITIAL CONDITIONS SHOWN ON THE DRAWINGS WITH THE EXISTING SITE CONDITIONS. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS SHALL BE REPORTED TO THE VHA COR AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
- 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.
- 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.
- 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.
- MEANS AND METHODS AS WELL AS MAINTAINING SITE SAFETY ARE THE RESPONSIBILITY OF THE CONTRACTOR.
 - SHORING AND BRACING REQUIREMENTS: WALLS ABOVE GRADE SHALL BE BRACED AND/OR SHORED UNTIL THE STRUCTURAL SYSTEM IS COMPLETE. WALLS ARE NOT SELF-SUPPORTING.
 - 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.
- 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.
- OBSERVATION VISITS TO THE SITE BY ARCHITECT'S/ENGINEER'S REPRESENTATIVES SHALL NOT BE CONSTRUED AS INSPECTIONS OR APPROVALS OF CONSTRUCTION.

KEYNOTES

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-B20
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.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.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.L264	HSS6x4x3/8 LOUVER SILL FOR CAST STONE AND BLAST SUPPORT
05 12 00.M107	W16x31
05 12 00.M117	W18x35
05 12 00.M118	W18x40
05 12 00.M140	W21x44
05 12 00.M166	W24x76
05 41 00.A2	600S265-68 OUTLOOKERS AT 4'-0" O.C.
05 42 00.A8	1400S350-68 @ 1'-4" O.C.
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.
09 51 00	CEILING REFER ARCH DWGS

CONTRACT DOCUMENTS SUBMISSION FULLY SPRINKLERED

0 100% BID DOCUMENTS		05/26/2023	CONSULTANTS:		ARCHITECT/ENGINEERS:		STAMP:		Drawing Title		Phase		Project Title		Project Number	
									FRAME ELEVATIONS		100% BID DOCUMENTS		CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION		437-316	
									Approved: Project Director				Location		Building Number	
													2101 ELM STREET, FARGO, ND 58102		52	
													Issue Date		Drawing Number	
													05/26/2023		S-313	
													Checked		DWG 42 of 188	
													SJF			
													JH			



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 VMA CORP AND RESOLVED BEFORE PROCEEDING WITH THE WORK.

C. IN CASE OF CONFLICT BETWEEN REQUIREMENTS, FOLLOW THE MOST STRINGENT REQUIREMENT AND THE MOST RECENTLY DATED DRAWING SHALL TAKE PRECEDENCE OVER THE OTHERS.

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 VMA CORP AND RESOLVED PRIOR TO STARTING THE 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 THAT ARE NOT DRAWN TO SCALE SHALL BE CONSIDERED AS TYPICAL DETAILS. 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. FLOOR SLABS SHALL BE BRACED AND/OR SHORED. THE CONTRACTOR SHALL PROVIDE THE BRACING AND SEQUENCE OF ALL STRUCTURAL ERECTION, PROVIDE TEMPORARY SHORING AND BRACING AS REQUIRED TO PROVIDE ADEQUATE INTERMEDIATE VERTICAL & LATERAL SUPPORT. SHORING AND BRACING SHALL BE REMOVED AFTER THE STRUCTURE IS COMPLETE AND BEFORE THE 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 TYPICAL WALLS, PARTITIONS, AND FLOORS ARE COMPLETE AND COMPLETED 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 OTHERS TO PREVENT INTERFERENCE WITH THE WORK. THIS INCLUDES, BUT IS NOT LIMITED TO, PENETRATIONS THROUGH, OR ATTACHMENTS TO THE STRUCTURAL SYSTEM THAT ARE NOT INDICATED ON DRAWINGS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR & SHALL BE NOTED ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION WITH THE GENERAL CONTRACTOR. IT IS THE CONTRACTOR'S OBLIGATION TO PROVIDE ITEMS NECESSARY FOR THE INSPECTED CONSTRUCTION PROCEDURE.

H. THE CONTRACTOR MUST HAVE A QUALIFIED PROJECT ENGINEER'S REPRESENTATIVES SHALL NOT BE CONSTRUCTED AS SECTIONS 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.
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.L114	HSS12x6x5/8
05 12 00.L230	HSB6x4x3/8 WINDOW SILL FOR CAST STONE AND BLAST SUPPORT
05 12 00.L231	HSB6x4x3/8 WINDOW JAMBS FOR BLAST SUPPORT
05 12 00.L239	HSB6x2x3/8 WINDOW HEADER FOR BLAST SUPPORT
05 12 00.M107	W16x31
05 40 00.C8	BENT PLATE 1/4" X 4 X 4 X CONT. AT RIDGE AND VALLEYS, ATTACHED TOP DECK WITH #10 TEK SCREWS AT 6" O.C.
05 40 00.C9	EVE STRUT 600T250-54. 50KSI X CONT.
05 41 00.AA2	600S265-68 OUTLOOKER AT 4'-0" O.C.
07 40 00	ROOF SYSTEM REF. ARCH. DWGS AND SPECS.

CONTRACT DOCUMENTS SUBMISSION
FULLY SPRINKLERED

Project Title			Project Number	
CONSTRUCT MENTAL HEALTH OUTPATIENT BLDG 52 ADDITION			437-316	
Location			Building Number	
2101 ELM STREET, FARGO, ND 58102			52	
Issue Date		Checked	Drawn	S-314 DWG 43 of 188
05/26/2023		SJF	JH	

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

FRAME ELEVATIONS

Approved: Project Director

Phase

100% BID DOCUMENTS

Project Title	
---------------	--

CONSTRUCT MENTAL HEALTH
OUTPATIENT BLDG 52 ADDITION

Location

Issue Date 05/09/2000

GO, ND 58

Checked

Drawn

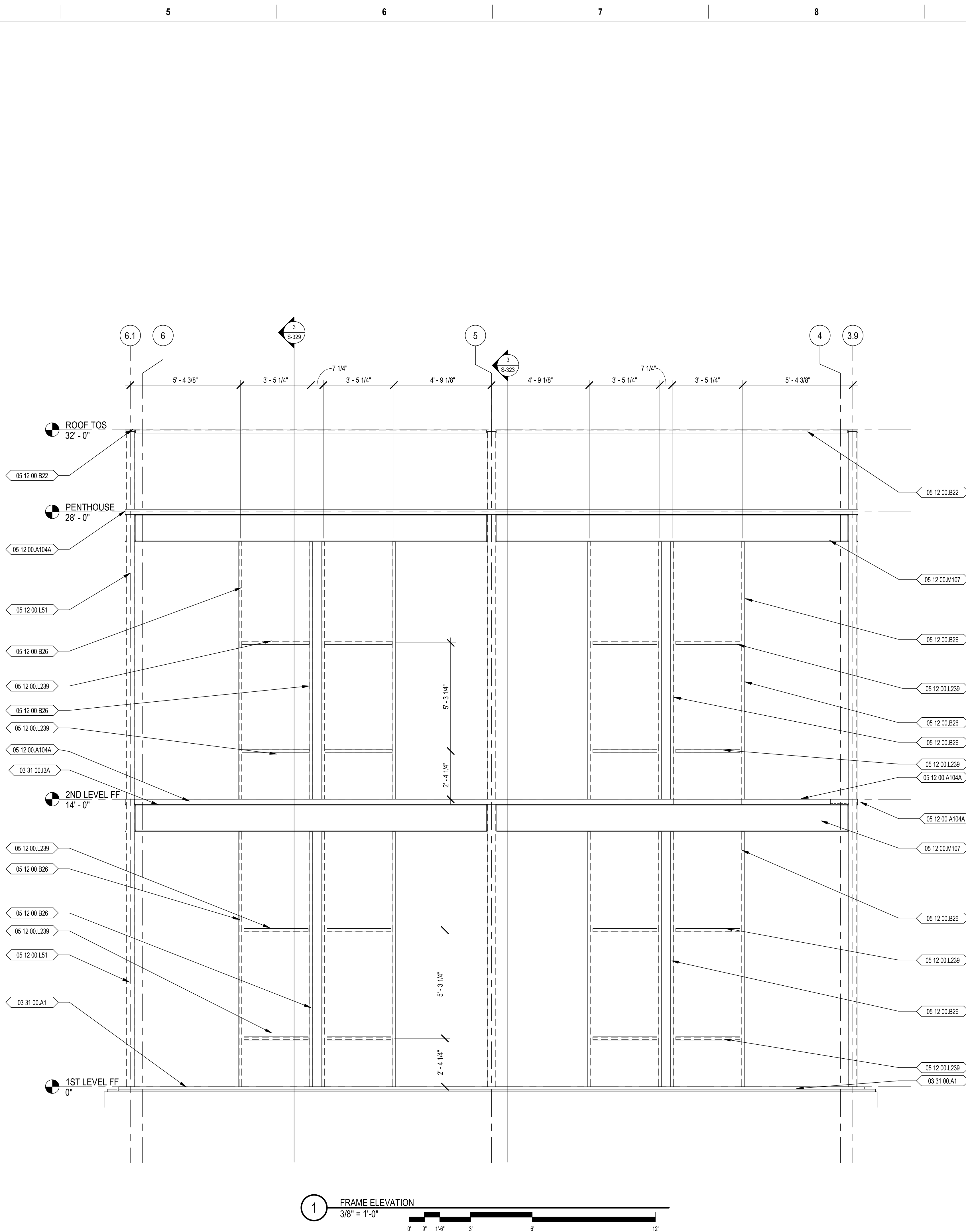
Project Number

437-316

Building Number
52

Drawing Number

S-314



CONTRACT DOCUMENTS SUBMISSION
FULLY SPRINKLERED

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-315	
Issue Date 05/26/2023	Checked SJF	Drawn JH	DWG 44 of 188	

[illegible]

CONSULTANTS:

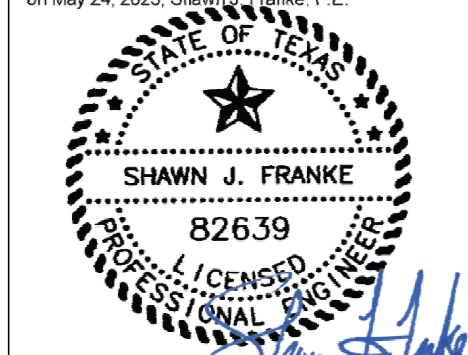


ARCHITECT/ENGINEERS:



VEG 21.05

STAMP:

U.S. Department
of Veterans Affairs

	Drawing Title
--	---------------

FRAME ELEVATIONS

Approved: Project Director

	Phase
1	Phase 1
2	Phase 2
3	Phase 3
4	Phase 4
5	Phase 5
6	Phase 6
7	Phase 7
8	Phase 8
9	Phase 9
10	Phase 10
11	Phase 11
12	Phase 12
13	Phase 13
14	Phase 14
15	Phase 15
16	Phase 16
17	Phase 17
18	Phase 18
19	Phase 19
20	Phase 20
21	Phase 21
22	Phase 22
23	Phase 23
24	Phase 24
25	Phase 25
26	Phase 26
27	Phase 27
28	Phase 28
29	Phase 29
30	Phase 30
31	Phase 31
32	Phase 32
33	Phase 33
34	Phase 34
35	Phase 35
36	Phase 36
37	Phase 37
38	Phase 38
39	Phase 39
40	Phase 40
41	Phase 41
42	Phase 42
43	Phase 43
44	Phase 44
45	Phase 45
46	Phase 46
47	Phase 47
48	Phase 48
49	Phase 49
50	Phase 50
51	Phase 51
52	Phase 52
53	Phase 53
54	Phase 54
55	Phase 55
56	Phase 56
57	Phase 57
58	Phase 58
59	Phase 59
60	Phase 60
61	Phase 61
62	Phase 62
63	Phase 63
64	Phase 64
65	Phase 65
66	Phase 66
67	Phase 67
68	Phase 68
69	Phase 69
70	Phase 70
71	Phase 71
72	Phase 72
73	Phase 73
74	Phase 74
75	Phase 75
76	Phase 76
77	Phase 77
78	Phase 78
79	Phase 79
80	Phase 80
81	Phase 81
82	Phase 82
83	Phase 83
84	Phase 84
85	Phase 85
86	Phase 86
87	Phase 87
88	Phase 88
89	Phase 89
90	Phase 90
91	Phase 91
92	Phase 92
93	Phase 93
94	Phase 94
95	Phase 95
96	Phase 96
97	Phase 97
98	Phase 98
99	Phase 99
100	Phase 100

100% BID DOCUMENTS

Location	2101 ELM STREET, FARGO, ND 58102
-----------------	----------------------------------

Issue Date 05/09/2000

Checked	0.15
---------	------

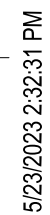
Drawn	11
-------	----

Project Number	437-316
----------------	---------

Building Number	52
-----------------	----

	Drawing Number

S-315



A

CEVA FORM 08-6231

**LUNDY
& FRANKE**
ENGINEERING

549 HEIMER ROAD PH. (210) 979-7900
SAN ANTONIO, TEXAS 78232 FX. (210) 979-7800
TX FIRM REG. #3388



**VALHALLA
ENGINEERING
GROUP, LLC**

750 W HAMPDEN AVE
SUITE 300
ENGLEWOOD, CO 80110
(720) 550-6307
WWW.VALHALLAENGINEERING.COM

VEG 21.05

05-24-2023



Approved: Project Director

100% BID DOCUMENTS

Location	2101 ELM STREET, FARGO, ND 58102
-----------------	----------------------------------

Issue Date	05/26/2023
------------	------------

Checked	S I E
---------	-------

Drawn	11
-------	----

Building Number
52

Drawing Number

S-320