

NOTE TO CONTACTOR/OWNER

REQUIRED MEANS OF EGRESS AND FIRE PROTECTION SYSTEMS SHALL BE MAINTAINED DURING CONSTRUCTION AND DEMOLITION, REMODELING OR ALTERATIONS. FIRE PREVENTION BUREAU STAFF SHALL APPROVE REVIEW OF ANY EXITING ALTERATIONS. AS PER IFC SECTION 3311.2

CONTRACTOR IS TO ABIDE BY UTAH STATE RULES:

- R307-309 FOR DUST CONTROL (<http://www.rules.utah.gov/publicat/codes/r307/r307-309.htm#T6>)
 - R307-801 FOR ABESTOS CONTROL (<http://www.rules.utah.gov/publicat/codes/r307/r307-801.htm>)
 - R307-840 FOR LEAD CONTROL (<http://www.rules.utah.gov/publicat/codes/r307/r307-840.htm>)
- AND/OR TO CONTACT UTAH DIVISION OF AIR QUALITY (801) 536-4000

D1 NOTES TO CONTRACTOR
NOT TO SCALE

CODE ANALYSIS

PROJECT NAME: CCN Holdings/600 West (Core & Shell) Project
ADDRESS: 2041 NORTH 600 WEST, LOGAN, UTAH 84321
PROPOSED USE: WAREHOUSE
OWNER/CONTACT PERSON: CODIE NELSON, KENT MERRILL 435-994-0190

JURISDICTION: LOGAN UTAH
CODE:

2021 INTERNATIONAL BUILDING CODE	2021 INTERNATIONAL MECHANICAL CODE
2021 INTERNATIONAL PLUMBING CODE	2020 NATIONAL ELECTRICAL CODE
2021 INTERNATIONAL FIRE CODE	2021 NATIONAL FUEL GAS CODE
2021 INTERNATIONAL ENERGY CODE COUNCIL	AMERICANS W/ DISABILITIES ACT ACCESSIBILITY GUIDELINES
A117.1 AMERICANS NATIONAL STANDARDS INSTITUTE	A17.1 AMERICAN SOCIETY OF MECHANICAL ENGINEERS

GENERAL:

OCCUPANCY	F-2
REQUIRED FIRE SEPARATION	NA

FIRE RESISTIVE REQUIREMENTS (TABLE 601):

CONSTRUCTION TYPE	IBB	0 HR	RATING
STRUCTURAL FRAME			
BEARING WALLS			
EXTERIOR	0 HR		RATING
INTERIOR	0 HR		RATING
NON BEARING WALLS	0 HR		RATING
FLOOR CONSTRUCTION	0 HR		RATING
ROOF CONSTRUCTION	0 HR		RATING

ALLOWABLE HEIGHT (TABLE 504.3):

F-2 OCCUPANCY	TYPE VB	NS	55 FEET
ACTUAL HEIGHT = 25'-0"			

ALLOWABLE NUMBER OF STORIES (TABLE 504.4):

F-2 OCCUPANCY	TYPE IIB	NS	3 STORIES
ACTUAL NUMBER OF STORIES = 1			

ALLOWABLE AREA (TABLE 506.2):

F-2 OCCUPANCY	TYPE IIB	NS	23,000 S.F.
ACTUAL AREA = 19,320 S.F.			

BUILDING AREA:

PROPOSED BUILDING AREA	19,320 S.F.
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FIRE PROTECTION SYSTEMS:

FIRE EXTINGUISHING SYSTEM:	Y
STANDPIPE SYSTEM:	N
FIRE ALARM:	Y

OCCUPANT LOAD CALCULATION (TABLE 1004.1.1):

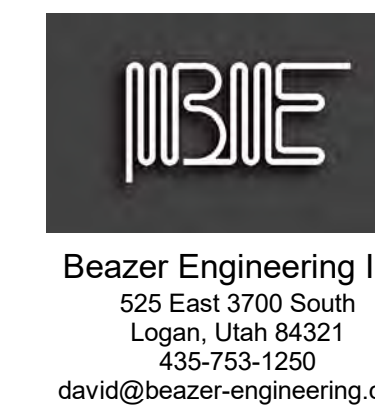
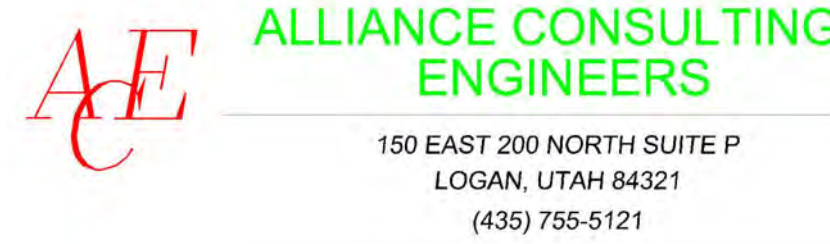
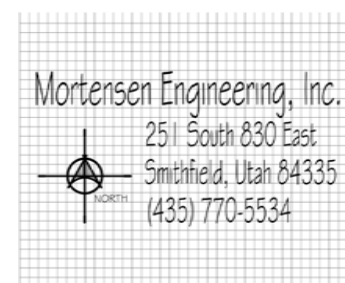
OCCUPANT CLASS	Unit 5 (500 sq.ft. per person) = 2880 SQ. FT. = 6 PEOPLE
TOTAL = 6 PEOPLE	

EGRESS WIDTH (TABLE 1005.1):

CORRIDORS	OCCUPANT < OR = 30	36" MIN
	OCCUPANT > OR = 30	44" MIN
CORRIDOR DOORS	1.5 INCHES PER OCCUPANT	

CCN HOLDINGS /600 West (Core & Shell) Building

2041 North 600 West
Logan, Utah 84321



ABBREVIATIONS

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
ACC STA	ACCESSIBLE STATION	MECH	MECHANICAL
AC	ACOUSTIC, ACOUSTICAL	MTL	METAL
ADJ	ADJUSTABLE	MIN	MINIMUM
ALT	ALTERNATE	MISC	MISCELLANEOUS
ALUM	ALUMINUM	MT	MOUNT
AB	ANCHOR BOLT	(N)	NEW
ANG	ANGLE	NIC	NOT IN CONTRACT
ASPH	ASPHALT	NTS	NOT TO SCALE
BASMT	BASEMENT	O/C	ON CENTER
BRG	BEARING	OPNG	OPENING
BM	BENCH MARK	OPP	OPPOSITE
BLKG	BLOCKING	OD	OUTSIDE DIAMETER
BD	BOARD	OH	OVERHEAD
B.O.	BOTTOM OF	OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
BLDGB	BUILDING	OF/OI	OWNER FURNISHED/ OWNER INSTALLED
B.U.R.	BUILT UP ROOF	PARTN	PARTITION
CLG	CEILING	P-LAM	PLASTIC LAMINATE
CL	CENTER LINE	PL	PLATE
CT	CERAMIC TILE	PLY	PLYWOOD
CB	CHALK BOARD	PREFAB	PREFABRICATED
C	CHANNEL	PROJ	PROJECTION
CO	CLEAN OUT	QT	QUARRY TILE
COL	COLUMN	RAD	RADIUS
CONC	CONCRETE	REF	REFRIGERATOR
CONN	CONNECTION	REINF	REINFORCED
CONT	CONTINUOUS	REV	REVISION
CONTR	CONTRACTOR	RD	ROUND
DIM	DIMENSION	SCHED	SCHEDULE
DWG	DRAWING	SM	SIMILAR
EA	EACH	SHT	SHEET
ELECT	ELECTRICAL	SPEC	SPECIFICATION
EWC	ELECTRIC WATER COOLER	SQ	SQUARE
ELEV	ELEVATION	SS	STAINLESS STEEL
EQ	EQUAL	STD	STANDARD
EQUIP	EQUIPMENT	STL	STEEL
EXIST	EXISTING	STOR	STORAGE
(E)	EXISTING	STRUCT	STRUCTURAL
EXP	EXPANSION	SUSP	SUSPENDED, SUSPENSION
EXT	EXTERIOR	SYS	SYSTEM
FIN	FINISH	TB	TACKBOARD
FEC	FIRE EXTINGUISHER CABINET	TEL	TELEPHONE
FLR	FLOOR	TV	TELEVISION
FD	FLOOR DRAIN	TEMP	TEMPORARY
GALV	GALVANIZED	T.S.	TUBE STEEL
GI	GALVANIZED IRON	THRES	THRESHOLD
GA	GAUGE	TOIL	TOILET
GYP BD	GYP SUM BOARD	T.O.	TOP OF
HDWD	HARD WOOD	T & B	TOP AND BOTTOM
HT	HEIGHT	TYP	TYPICAL
HM	HOLLOW METAL	VERT	VERTICAL
HORIZ	HORIZONTAL	UN.O.	UNLESS NOTED OTHERWISE
ID	INSIDE DIAMETER	WC	WATER CLOSET
INSUL	INSULATION	WM	WATER METER
INT	INTERIOR	WWF	WELDED WIRE FABRIC
JOINT	JOINT	W.FL	WIDE FLANGE
MFR	MANUFACTURER	WDO	WINDOW
MB	MARKER BOARD	W/	WITH
MAX	MAXIMUM	W/O	WITHOUT
		WD	WOOD

SYMBOL LEGEND

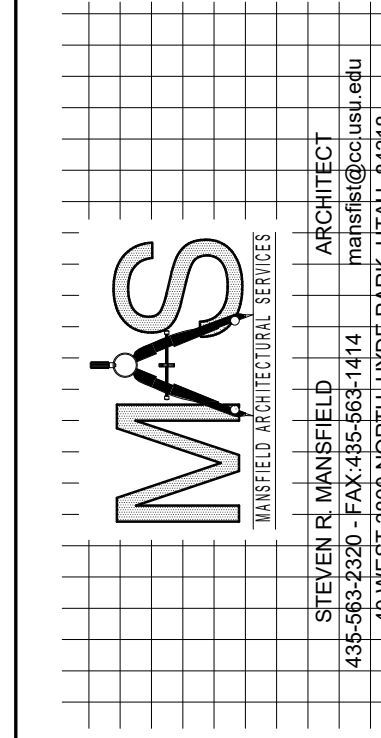
SYMBOL	DESCRIPTION
	BUILDING SECTION
	SECTION CUT
	DETAIL BUBBLE
	INTERIOR ELEVATION
	EXTERIOR ELEVATION
	REVISIONS
	ELEVATION
	DOOR NUMBER
	WINDOW TYPES
	WALL TYPE
	ROOM TAGS
	SLOPE
	GRID BUBBLE
	KEY NOTES

MATERIALS LEGEND

SYMBOL	DESCRIPTION
	EARTH
	COMPACTED GRANULAR FILL
	FINISHED WOOD
	EXISTING STRUCTURE TO REMAIN
	GYPSUM BOARD
	CONCRETE
	PLYWOOD/OSB
	SHINGLES
	WOOD STUD WALL
	RIDGED INSULATION
	BATT INSULATION
	BRICK/MASONRY
	CONCRETE MASONRY UNIT (CMU)
	PARTICLE BOARD
	CONTINUOUS WOOD
	STEEL

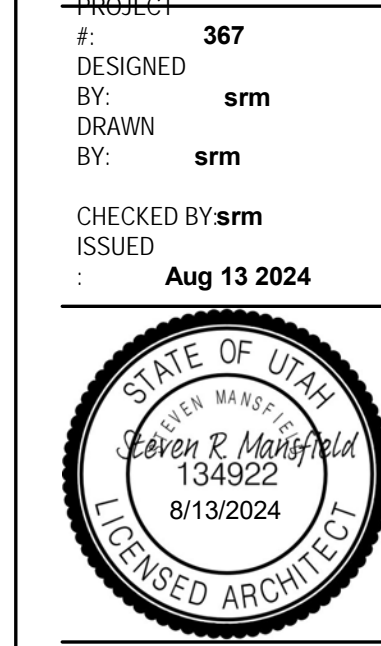
SHEET INDEX

Index of Drawings - Architectural		Index of Drawings Electrical	
Sheet Number	Sheet Name	E1.1	Electrical Plan
G100	Cover Sheet	E1.2	Electrical Diagrams & Schedules
G101	Parcel Map	ESP1.1	Electrical Site Plan
G102	Exit/Fire Extinguisher Plans & Code Analysis	ESP1.1	Electrical Specifications
A100	Site Plan	ESP1.2	Electrical Specifications
A101	Plans	Index of Drawings Plumbing	
A102	Footing & Foundation Plan	P0	Plumbing Notes & Specifications
A200	Elevations	P1	Plumbing Plan
A201	Renderings	P2	Plumbing Details & Schedules
A202	Building Sections		
A203	3d View		
A204	Wall Sections		
A205	Door & Window Schedules w/ Details		
Index of Drawings Civil			
C1	Civil Cover Sheet		
C2	Existing/Demo Plan		
C3	Site/Utility Plan		
C4	Drainage/Grading Plan		
L1	Landscape Plan		
Index of Drawings Structural			
S1	Structural Specifications		
S2	Footing & Foundation Plan		
S3	Footing & Foundation Details		
S4	Footing & Foundation Details		

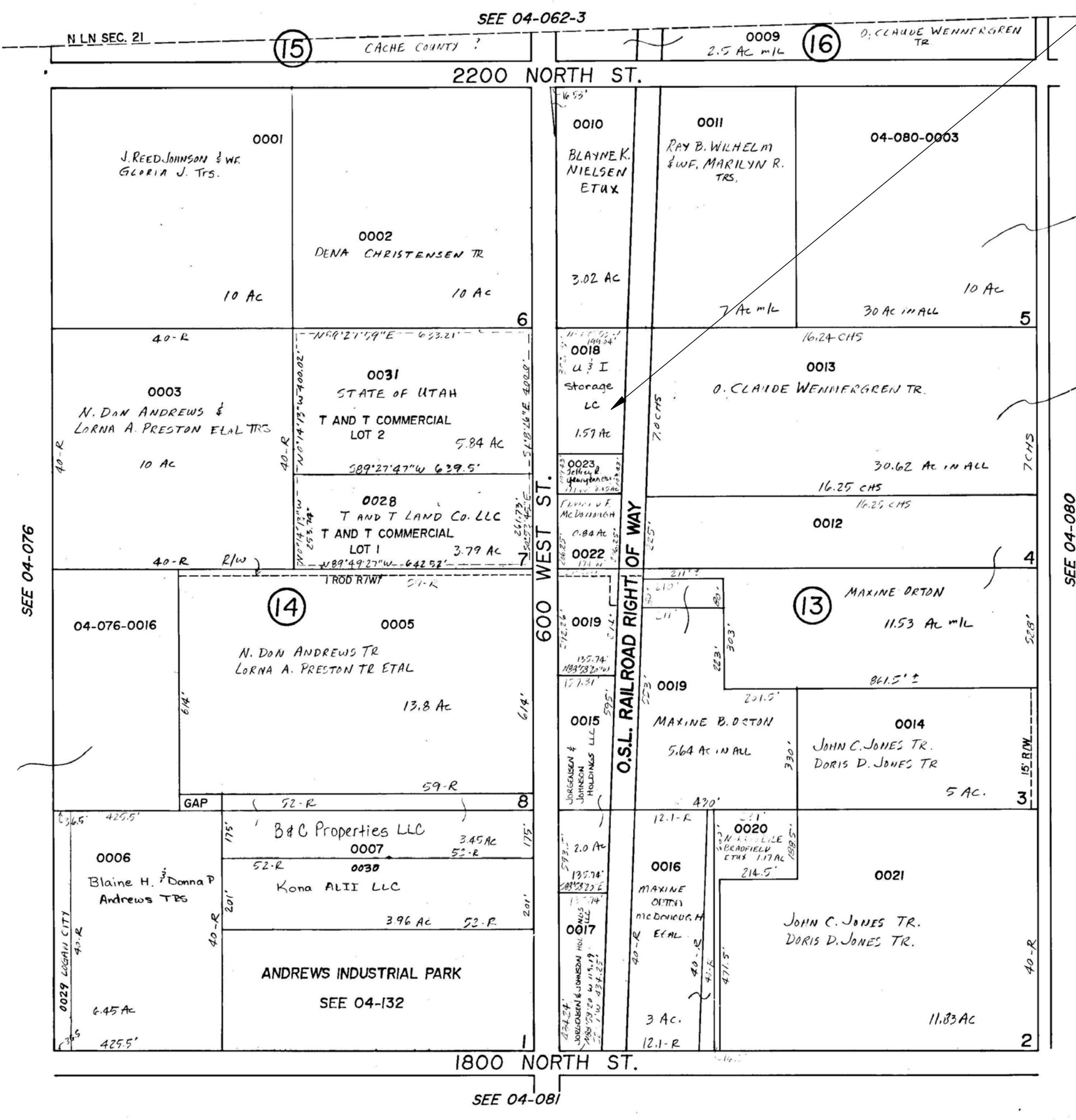


CCN Holdings/600 West (Core & Shell)

MARK:	DATE:	DESCRIPTION:
1	Date 1	Revision 1



NW⁴Section 21 Township 12 North Range 1 East 04-079
 Scale 1 Inch = 200 Feet TAX UNIT 27
 PLAT "D" LOGAN FARM SURVEY



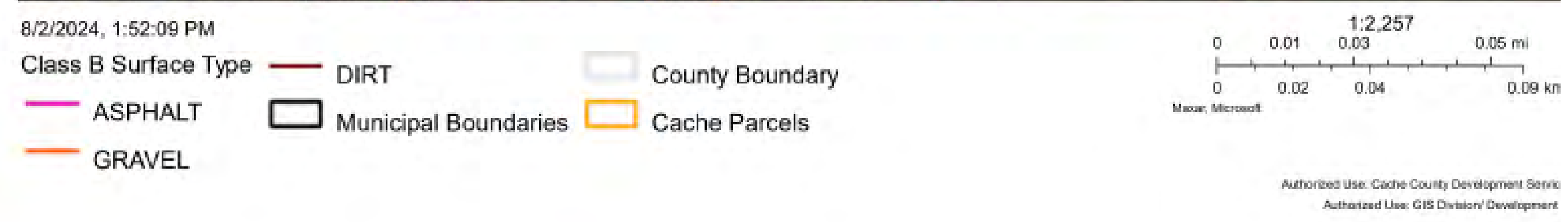
2 Plat Map
G101

Proposed Site



Parcel Map

Proposed Site



1 Parcel Map
G101

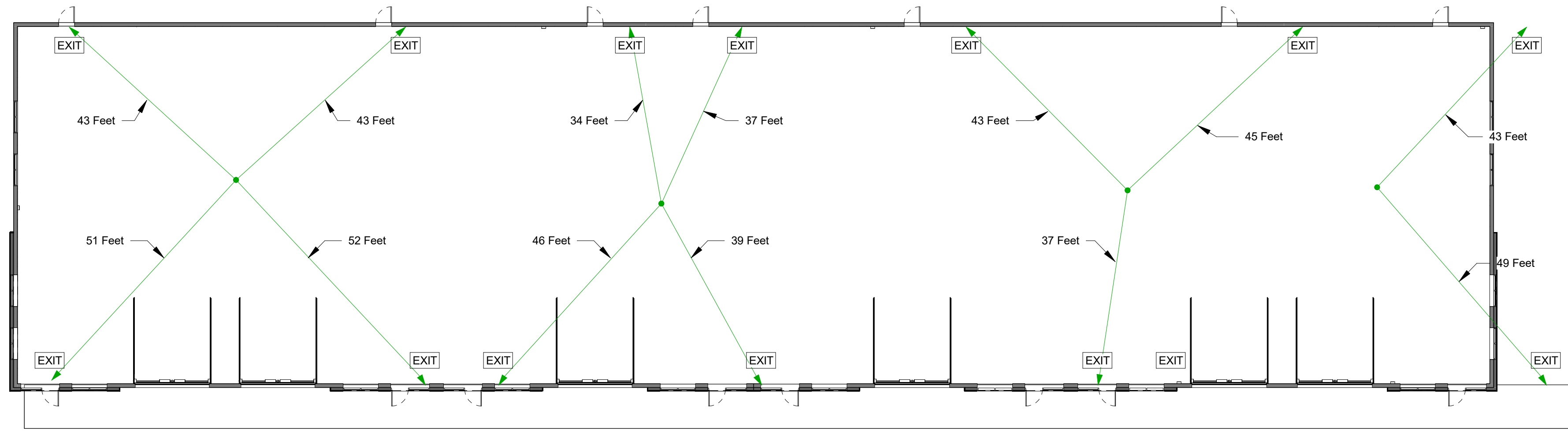
CCN Holdings/600 West (Core & Shell)

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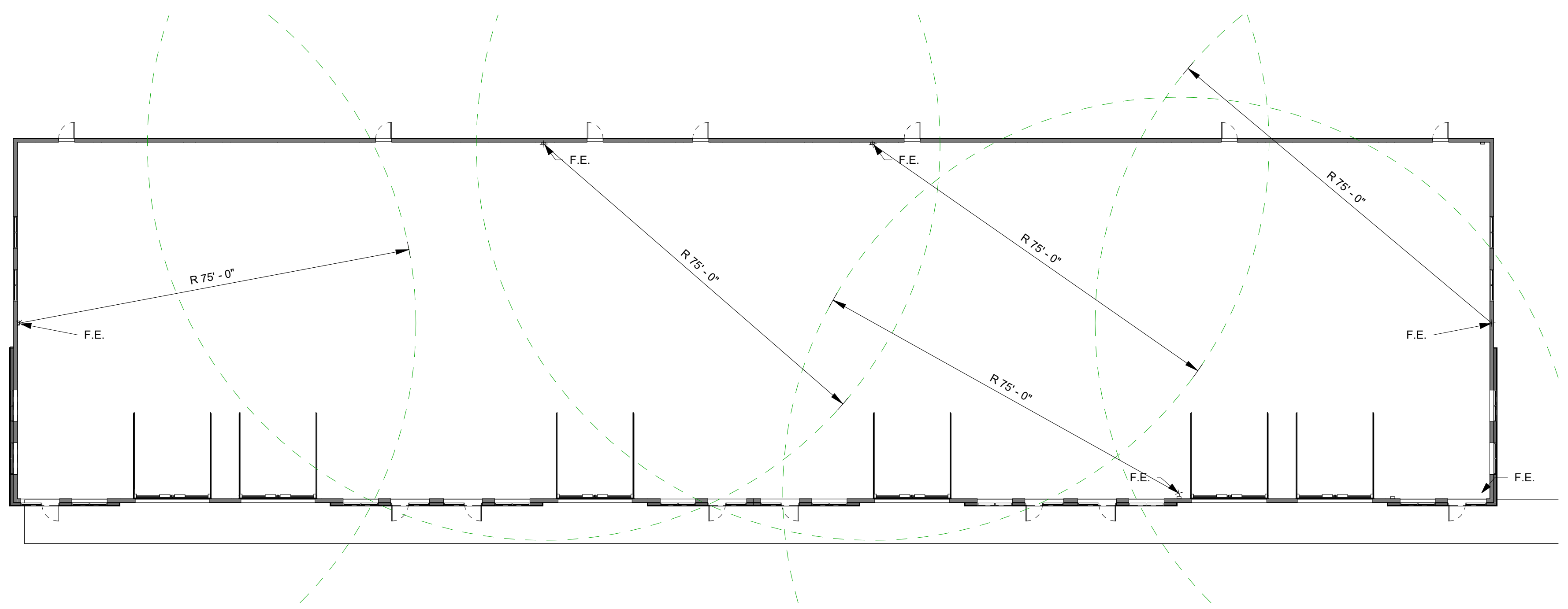
PROJECT #: 367
 DESIGNED BY: srm
 DRAWN BY: srm
 CHECKED BY: srm
 ISSUED: Aug 13 2024



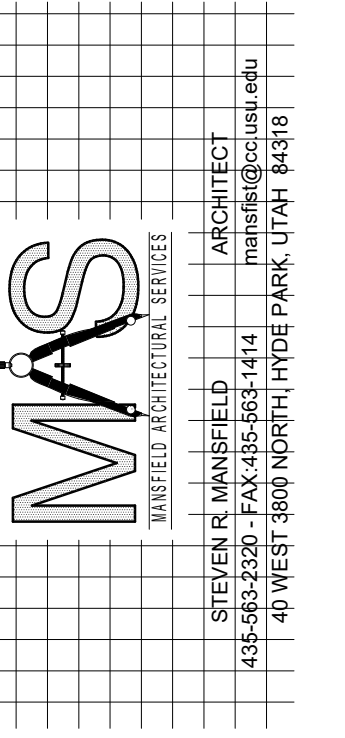
General Note:
For Door & Window Sizes refer to 1/ A202



2 Exit Sign Locations and Travel Distance Plan
G102 1/16" = 1'-0"



1 Fire Extinguisher Plan
G102 1/16" = 1'-0"

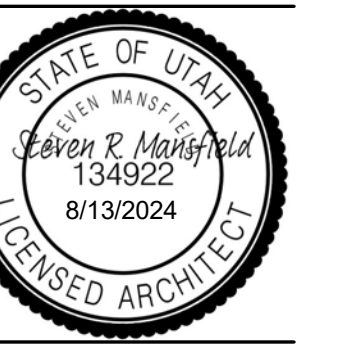


CCN Holdings/600 West (Core & Shell)

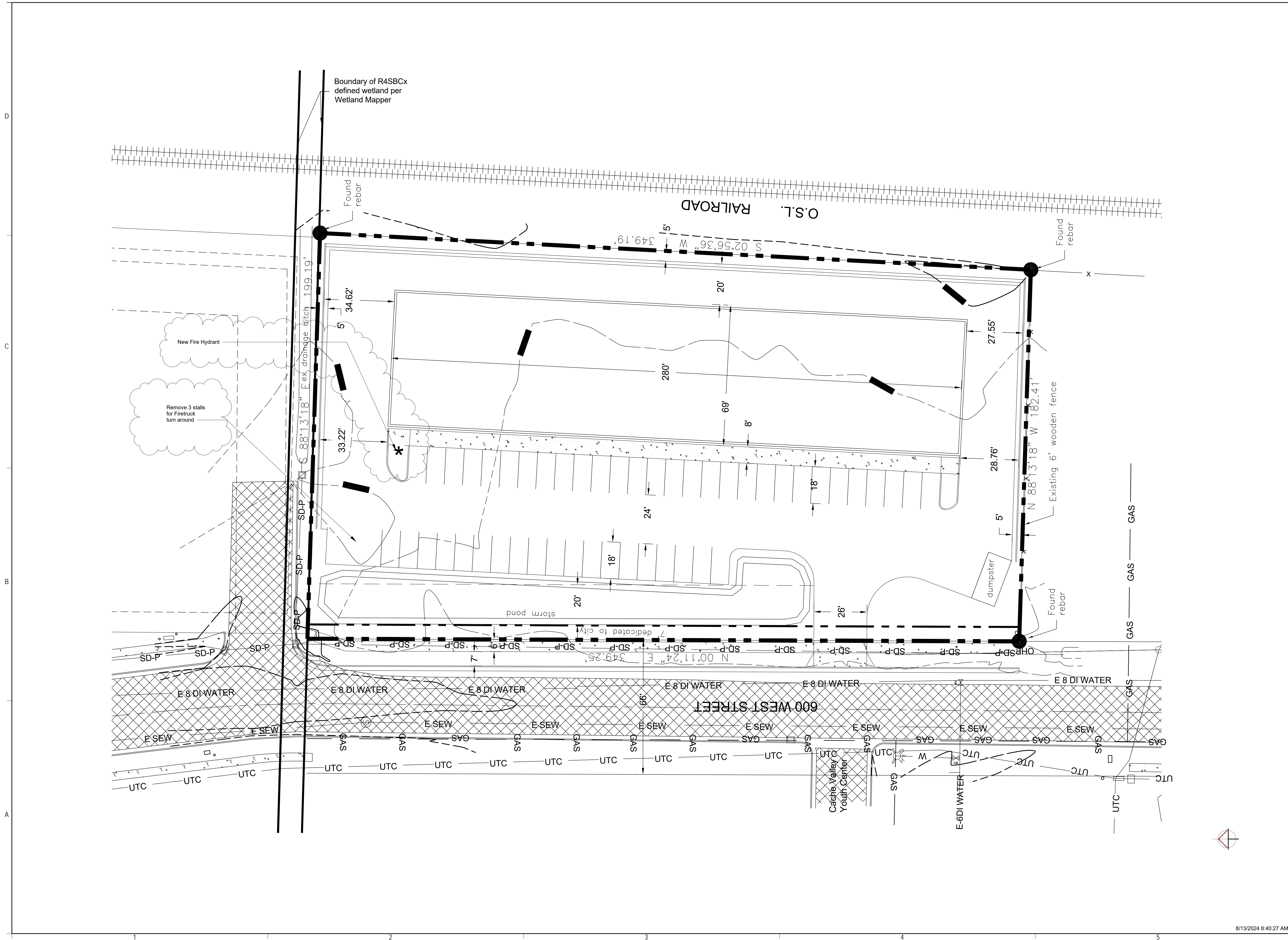
OWNERS NAME Kent Merrill/Codie Nelson
PROJECT ADDRESS 701 South 100 West
2041 North 600 West
Salt Lake City, Utah

MARK:	DATE:	DESCRIPTION:

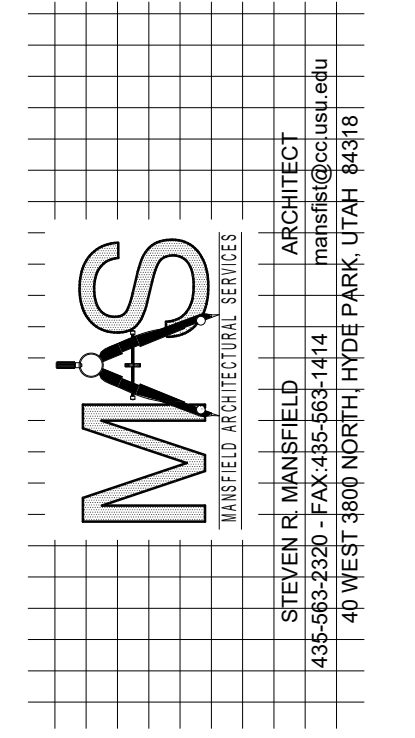
PROJECT # 367
DESIGNED BY srm
DRAWN BY srm
CHECKED BY srm
ISSUED : Aug 13 2024



Exit/Fire Extinguisher Plans & Code Analysis



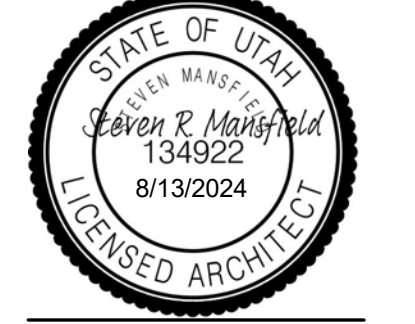
CCN Holdings/600 West (Core & Shell)

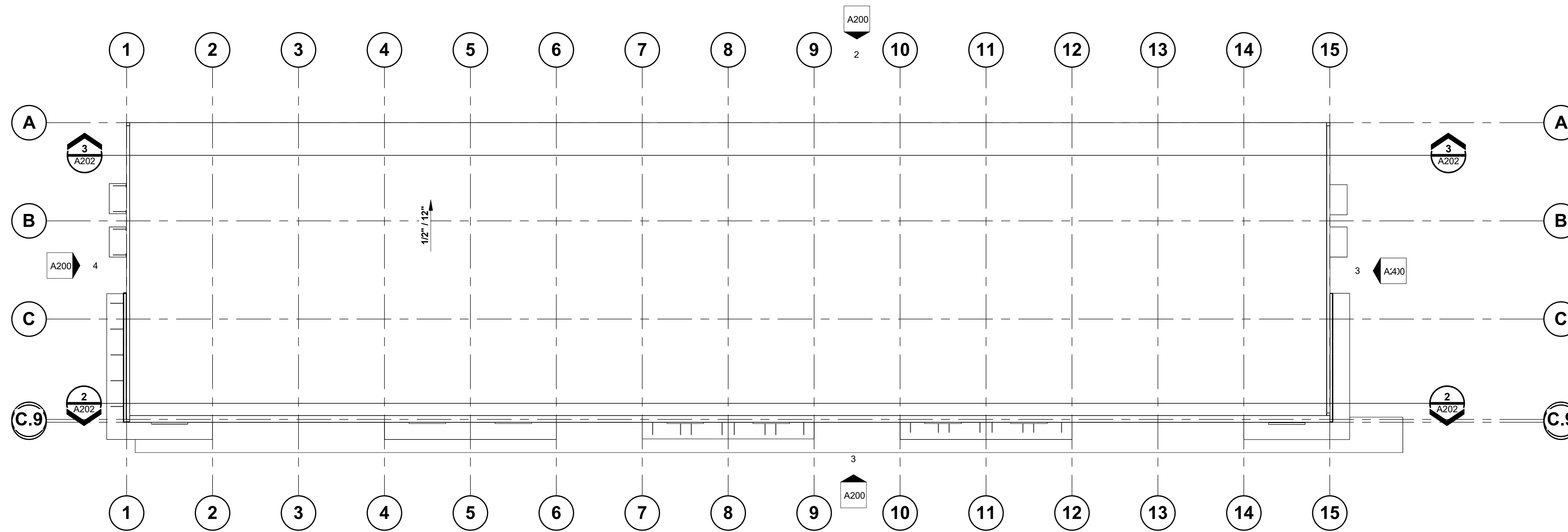


OWNERS NAME: **Kent Merrill/Codie Nelson**
PROJECT ADDRESS: **791 South 100 West
Spaulding, Utah
2041 North 600 West**

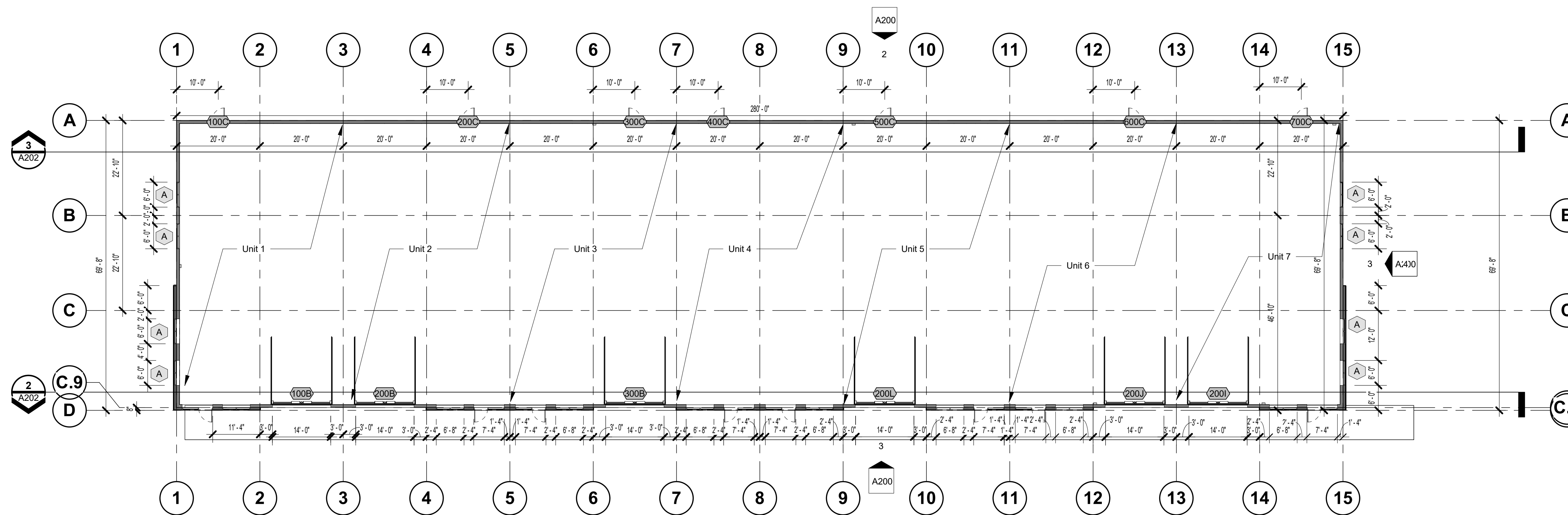
MARK	DATE	DESCRIPTION
1	Date 1	Revision 1

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DESIGNED BY: **srm**
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ISSUED: **Aug 13 2024**

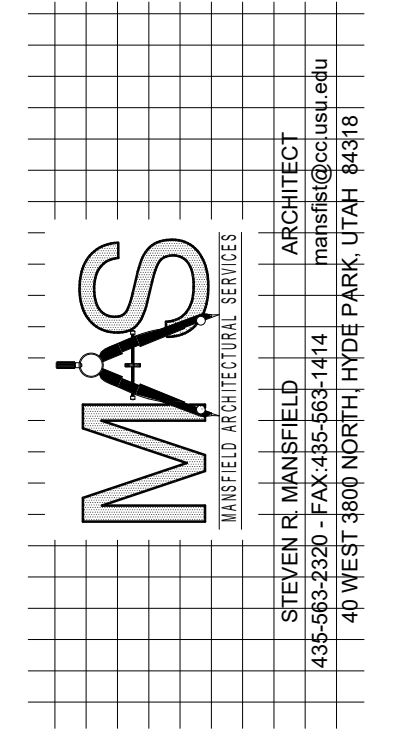




2 Roof Plan
A101 1/16" = 1'-0"



1 First Floor Plan
A101 1/16" = 1'-0"

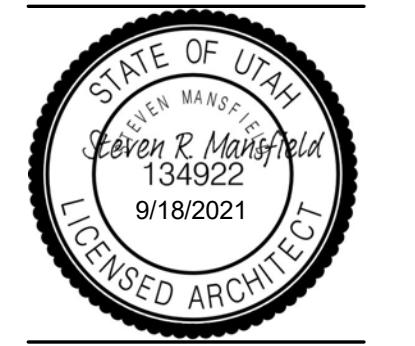


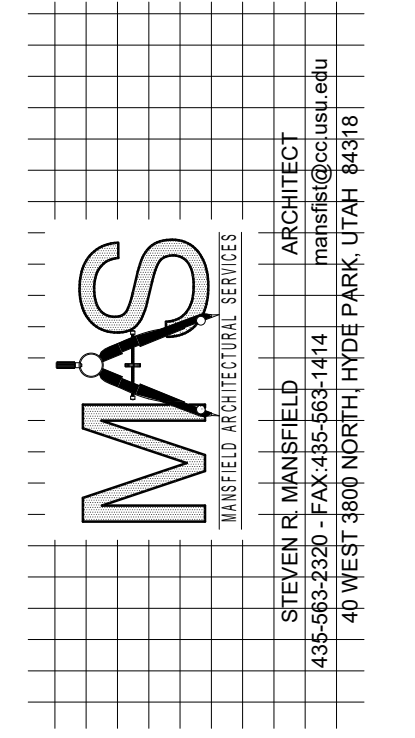
CCN Holdings/600 West (Core & Shell)

OWNERS NAME: Kent Merrill/Codie Nelson
PROJECT ADDRESS: 2041 North 600 West

MARK:	DATE:	DESCRIPTION:

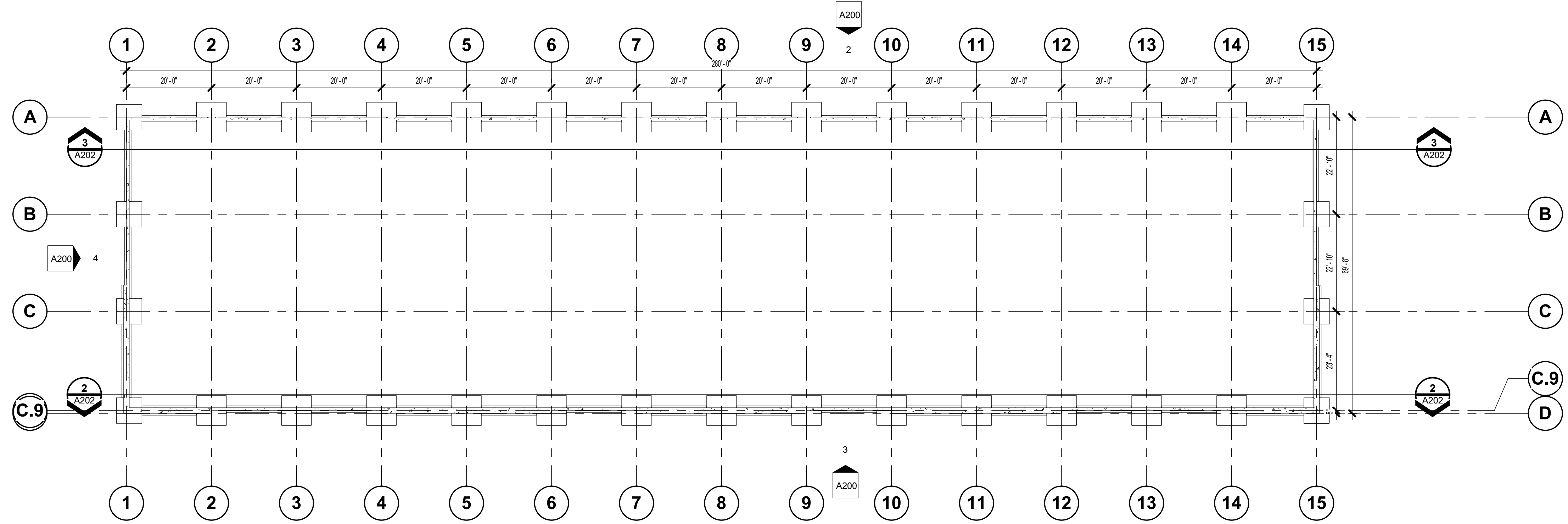
PROJECT #: 367
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED: Aug 13 2024





CCN Holdings/600 West (Core & Shell)

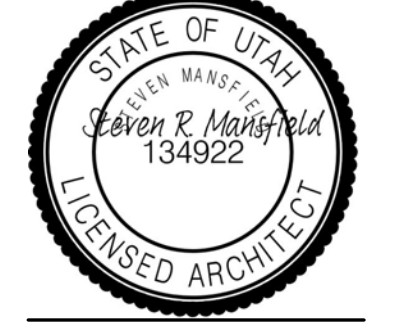
OWNERS NAME: Kent Merrill/Codie Nelson
 PROJECT ADDRESS: 2041 North 600 West



1 Footing & Foundation Plan
 A102 1/16" = 1'-0"

MARK:	DATE:	DESCRIPTION:

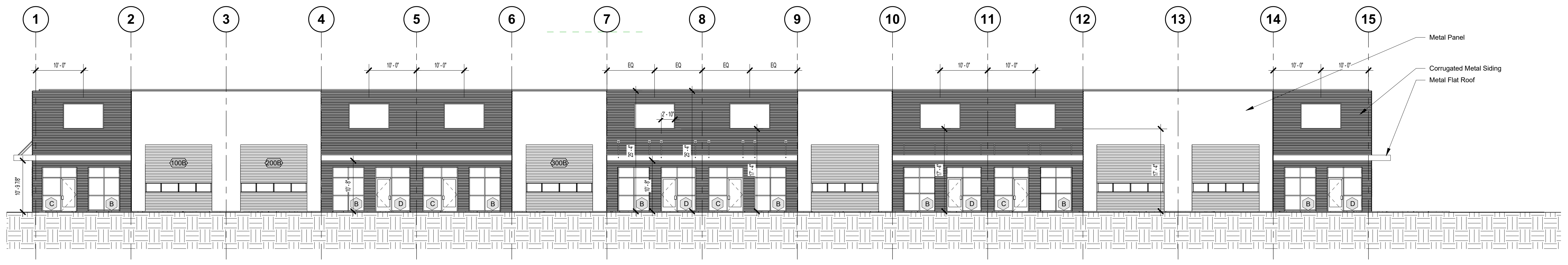
PROJECT #: 367
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 ISSUED : Aug 13 2024



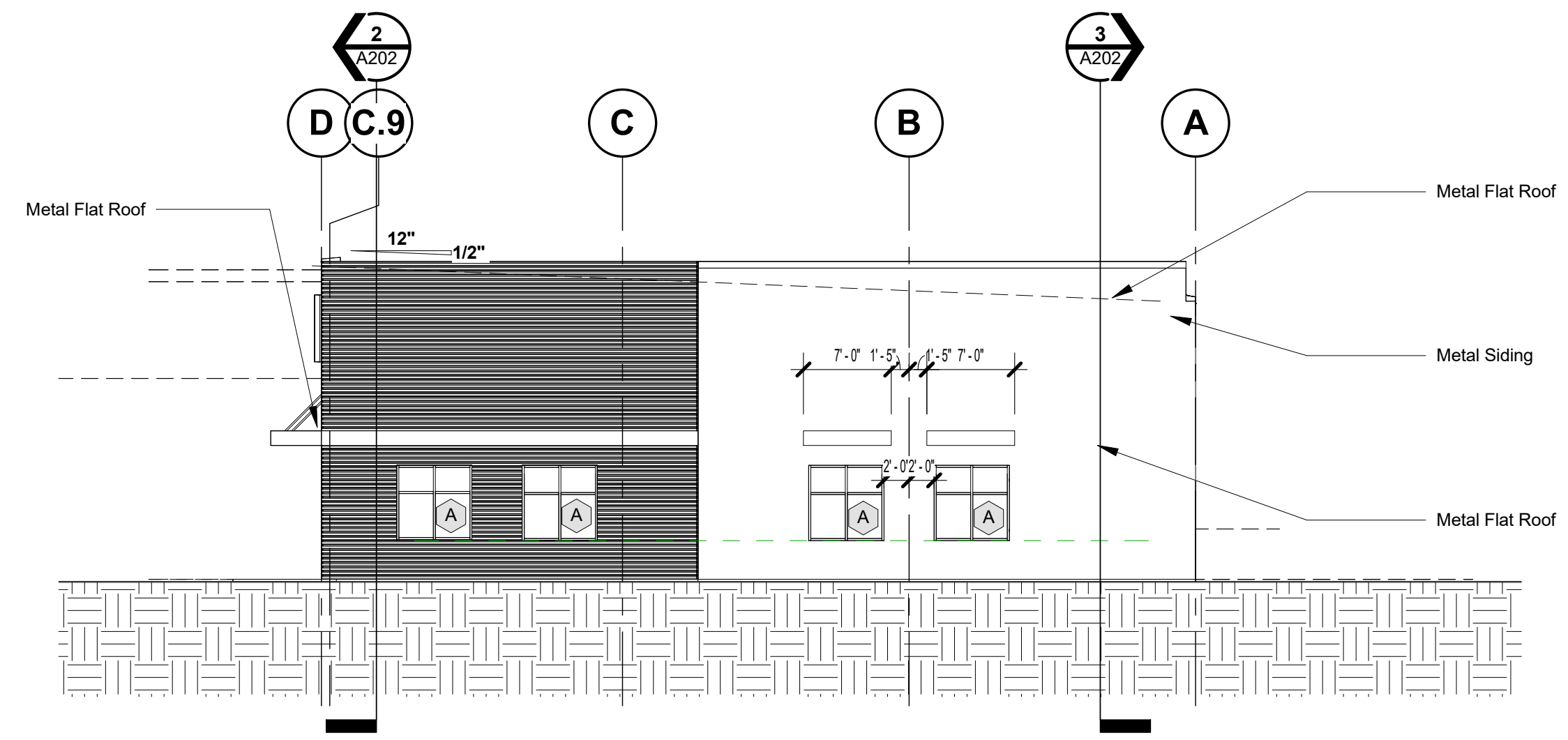
Footing & Foundation Plan

A102

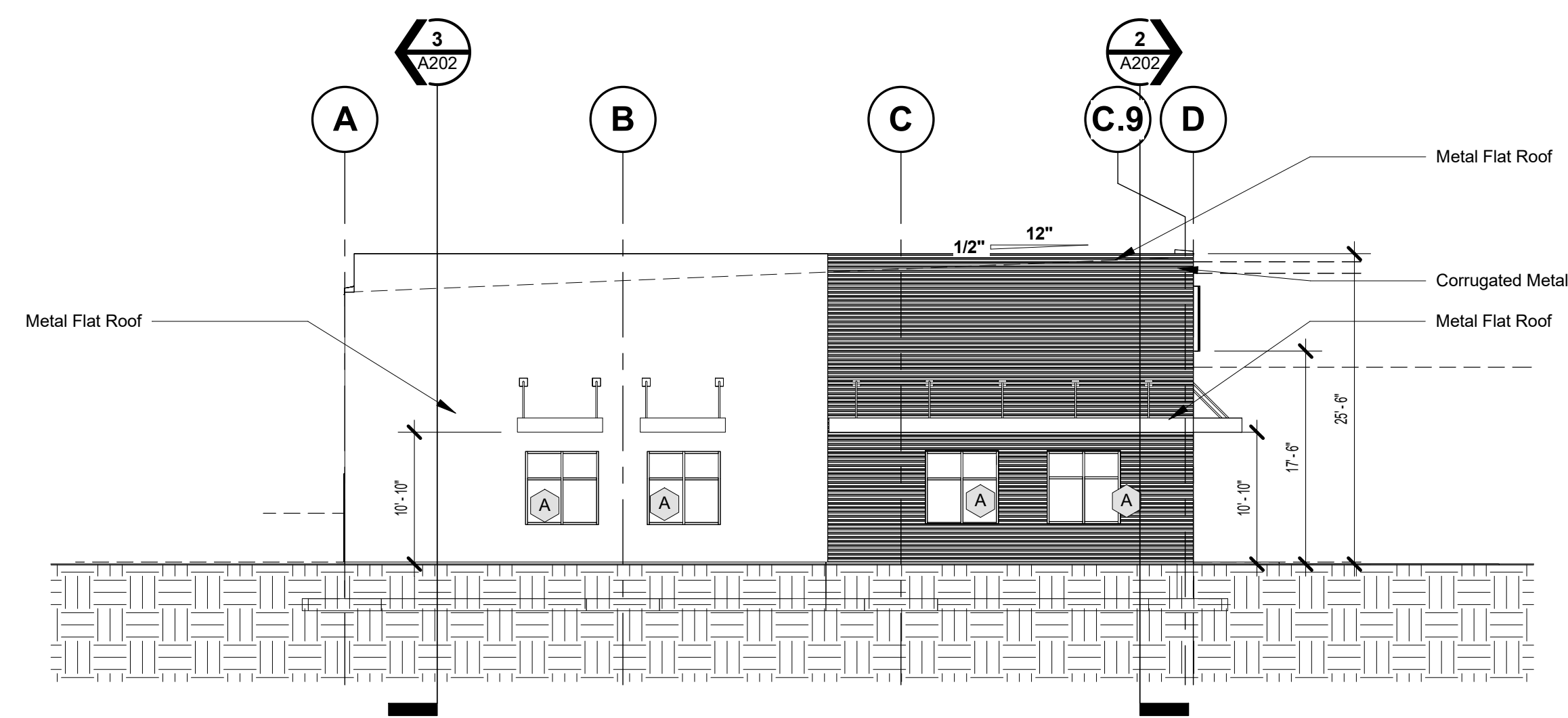
General Note:
For Door & Window Sizes refer to 1/ A202



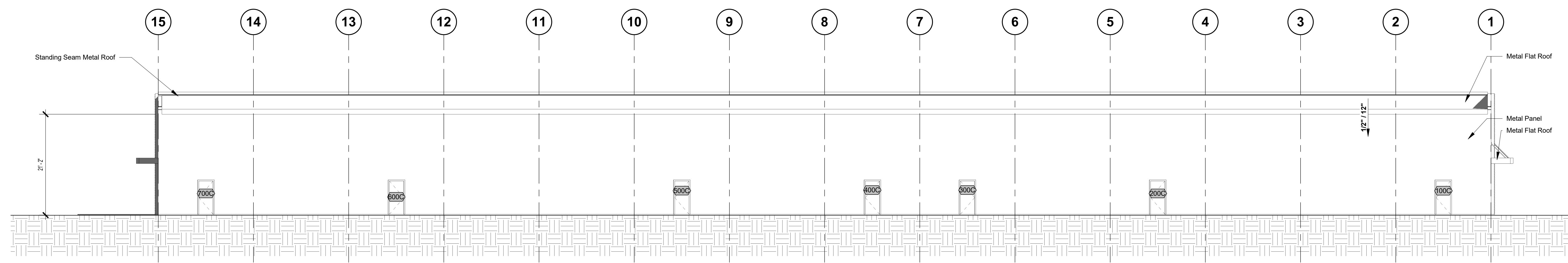
3 West
A200 3/32" = 1'-0"



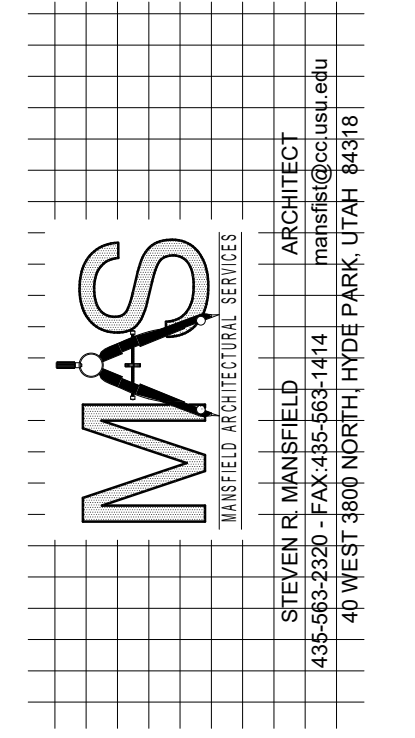
4 North
A200 3/32" = 1'-0"



1 South
A200 3/32" = 1'-0"



2 East
A200 3/32" = 1'-0"

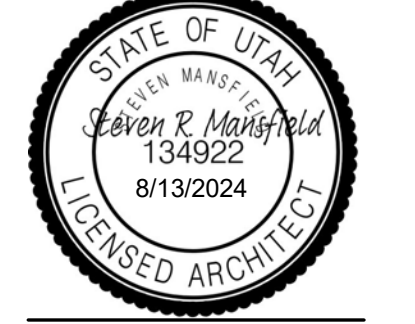


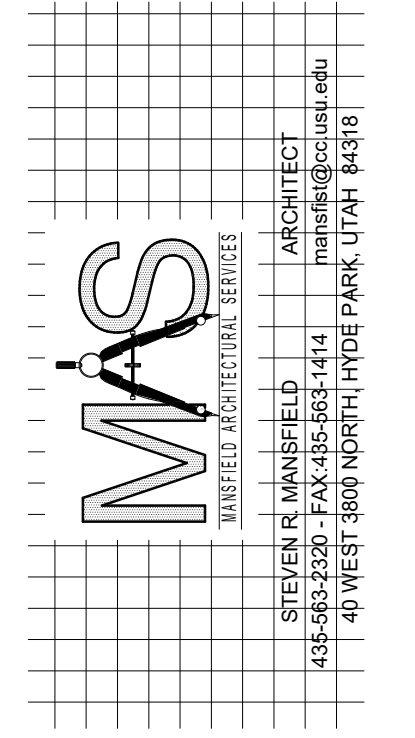
CCN Holdings/600 West (Core & Shell)

OWNERS NAME Kent Merrill/Codie Nelson
PROJECT ADDRESS 701 South 100 West
Sandyfield, Utah
2041 North 600 West

MARK:	DATE:	DESCRIPTION:

PROJECT # 367
DESIGNED BY srm
DRAWN BY srm
CHECKED BY srm
ISSUED
Aug 13 2024



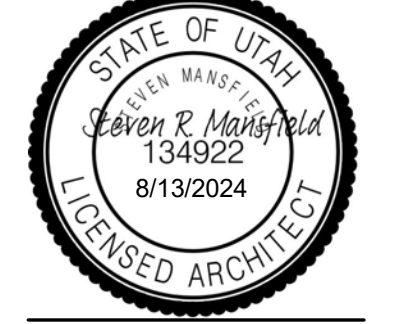


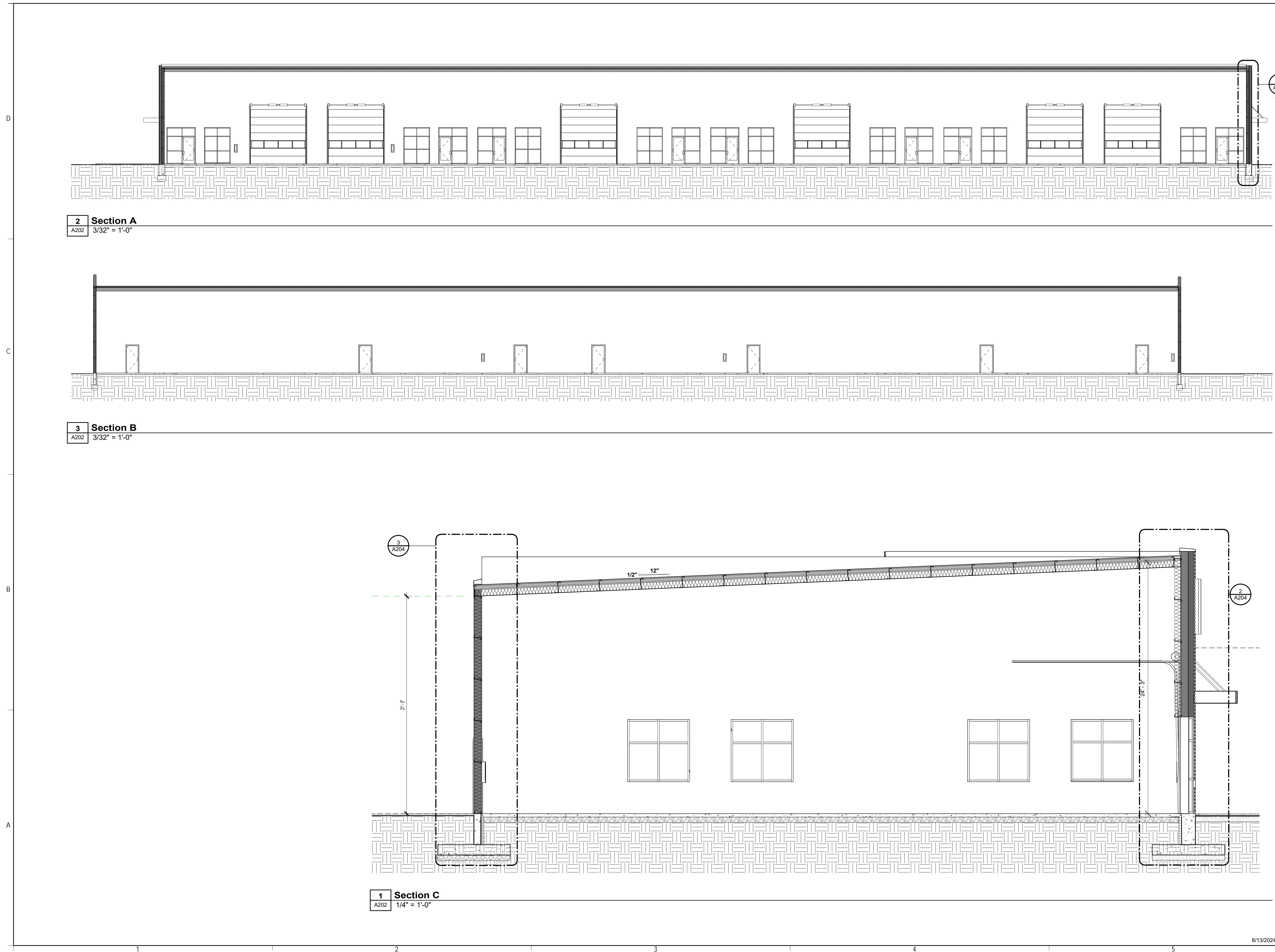
CCN Holdings/600 West (Core & Shell)

OWNERS NAME: Kent Merrill/Codie Nelson
PROJECT ADDRESS: 701 South 100 West, Springfield, Utah
2041 North 600 West

MARK:	DATE:	DESCRIPTION:

PROJECT #: 367
DESIGNED BY: srm
DRAWN BY: srm
CHECKED BY: srm
ISSUED : Aug 13 2024

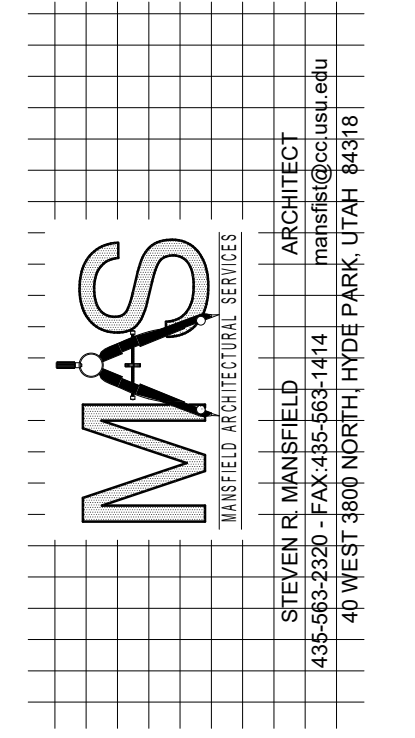




2 Section A
A202 3/32" = 1'-0"

3 Section B
A202 3/32" = 1'-0"

1 Section C
A202 1/4" = 1'-0"

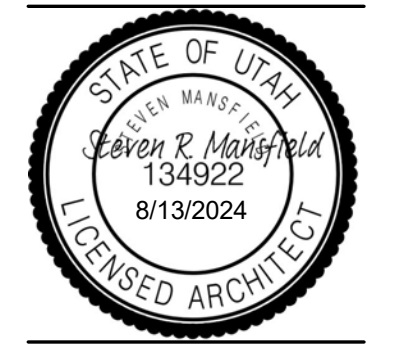


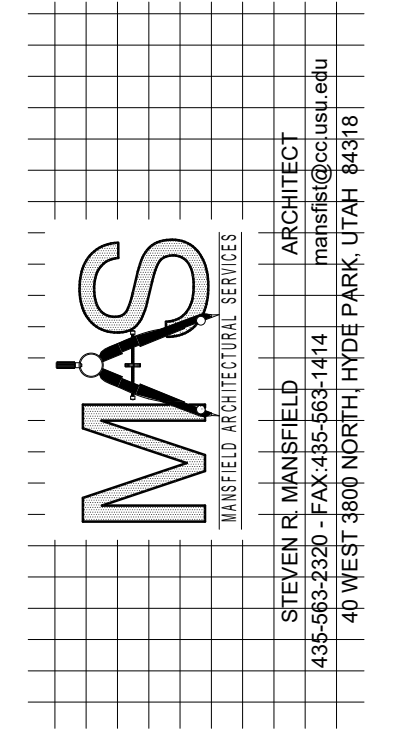
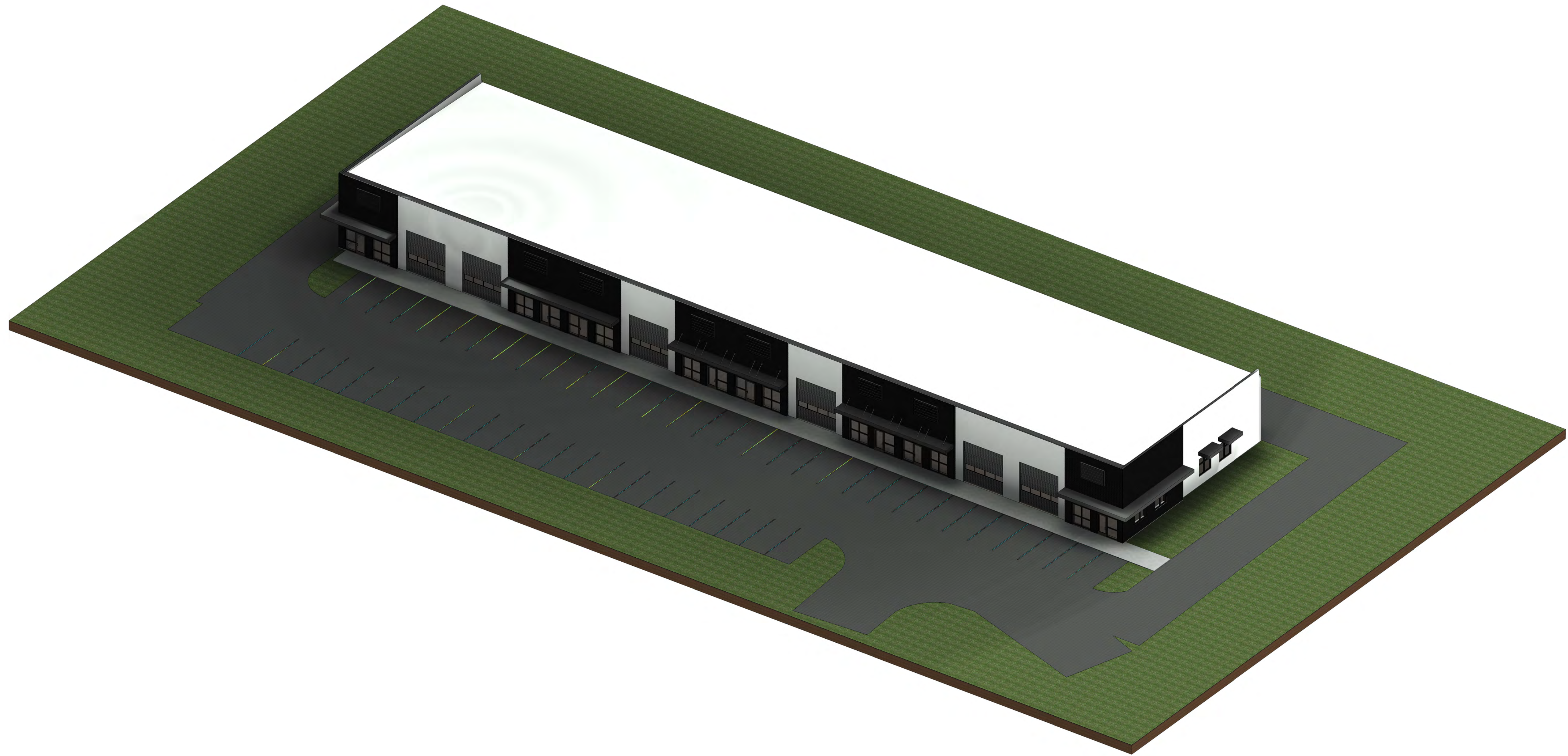
CCN Holdings/600 West (Core & Shell)

OWNERS NAME: Kent Merrill/Codie Nelson
PROJECT ADDRESS: 701 South 100 West, Springfield, Utah
2041 North 600 West

MARK:	DATE:	DESCRIPTION:

PROJECT #: 367
DESIGNED BY: srm
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ISSUED: Aug 13 2024



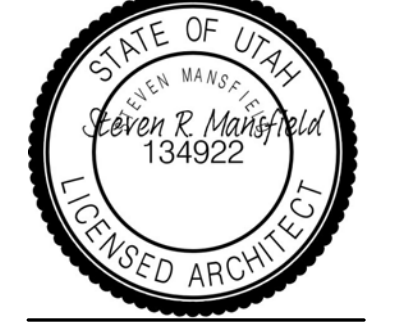


CCN Holdings/600 West (Core & Shell)

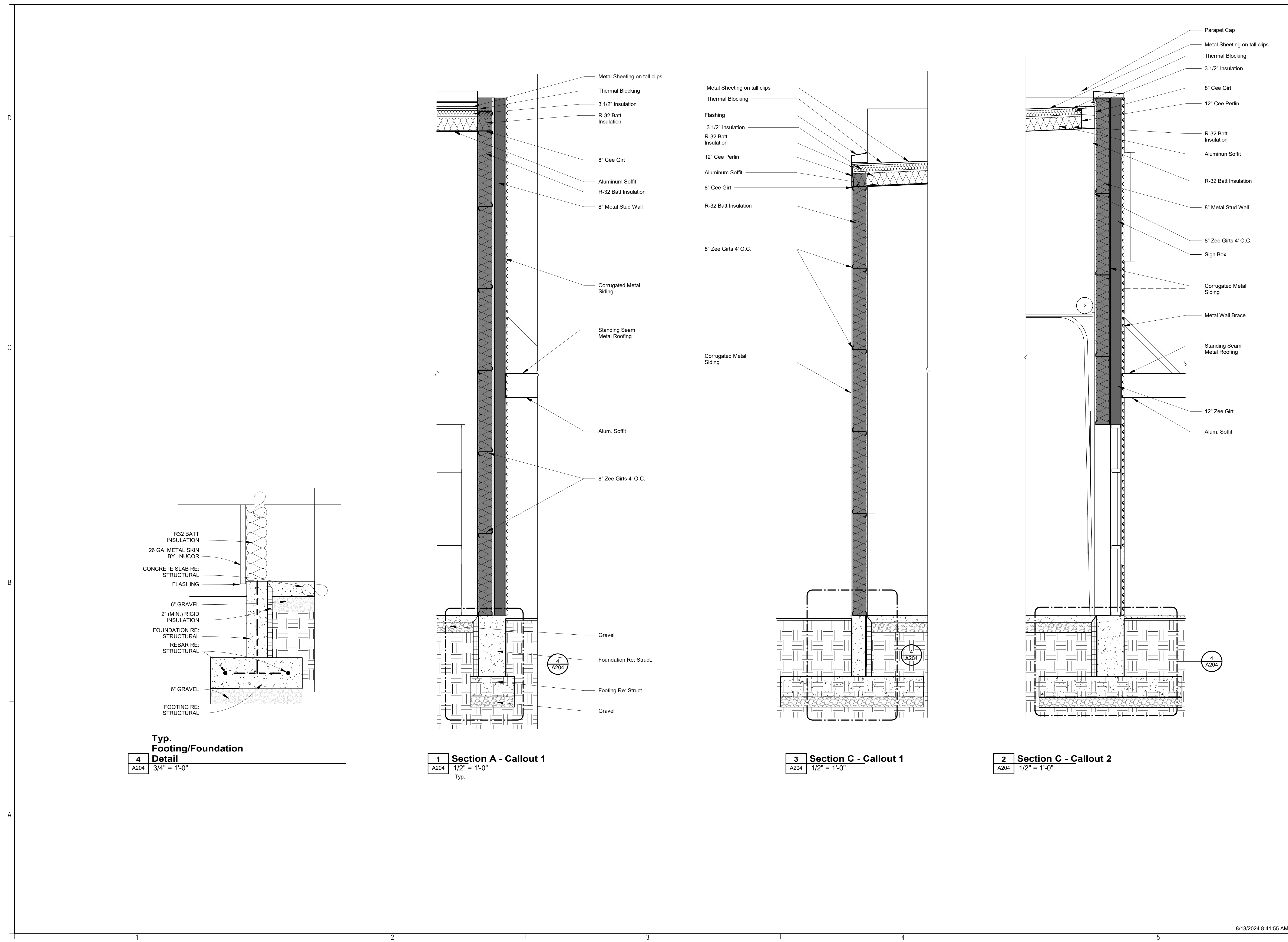
OWNERS NAME: Kent Merrill/Codie Nelson
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3d View
 A203



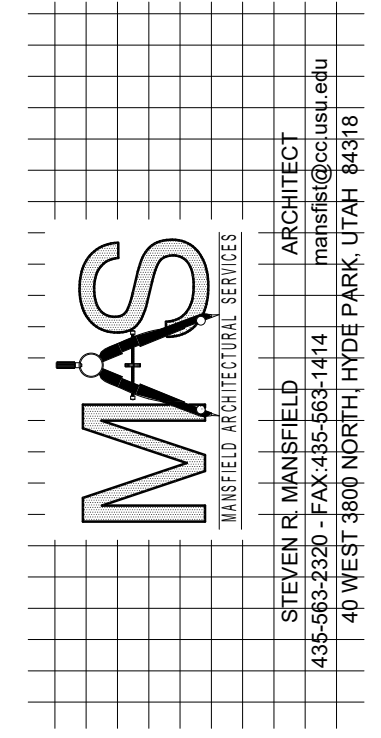
4
A204
Typ. Footing/Foundation Detail
3/4" = 1'-0"

1
A204
Section A - Callout 1
1/2" = 1'-0"
Typ.

3
A204
Section C - Callout 1
1/2" = 1'-0"

2
A204
Section C - Callout 2
1/2" = 1'-0"

CCN Holdings/600 West (Core & Shell)

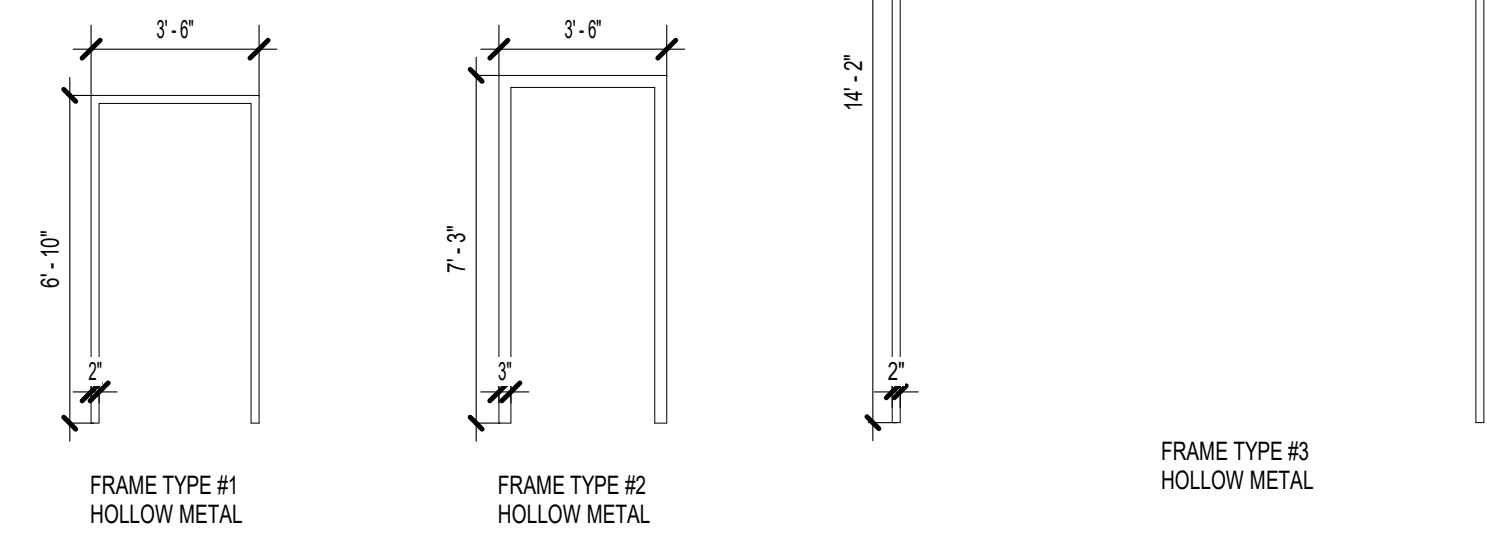
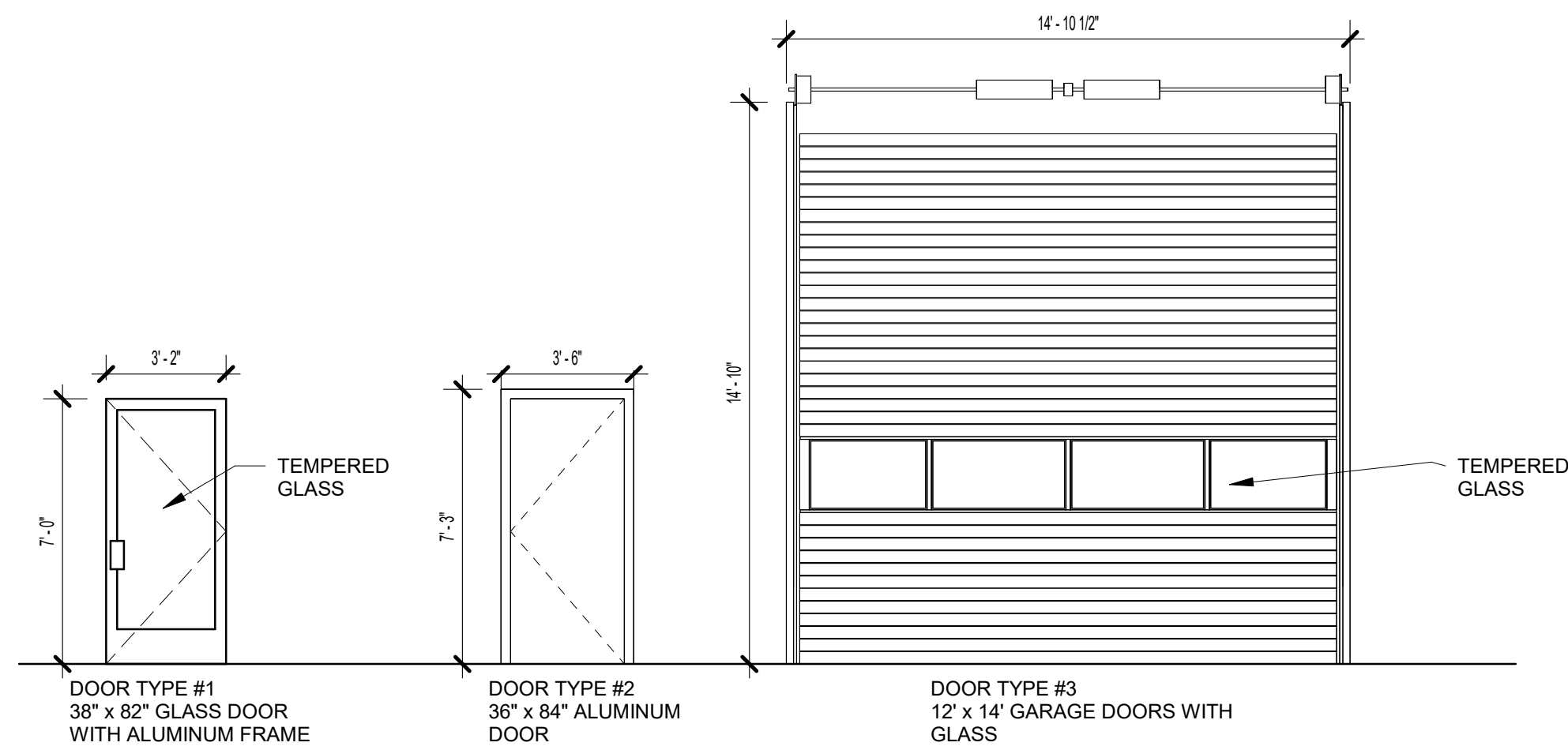


OWNERS NAME: **Kent Merrill/Codie Nelson**
PROJECT ADDRESS: **701 South 100 West, Springfield, Utah**
2041 North 600 West

MARK:	DATE:	DESCRIPTION:

PROJECT #: **367**
DESIGNED BY: **srm**
DRAWN BY: **srm**
CHECKED BY: **srm**
ISSUED : **Aug 13 2024**

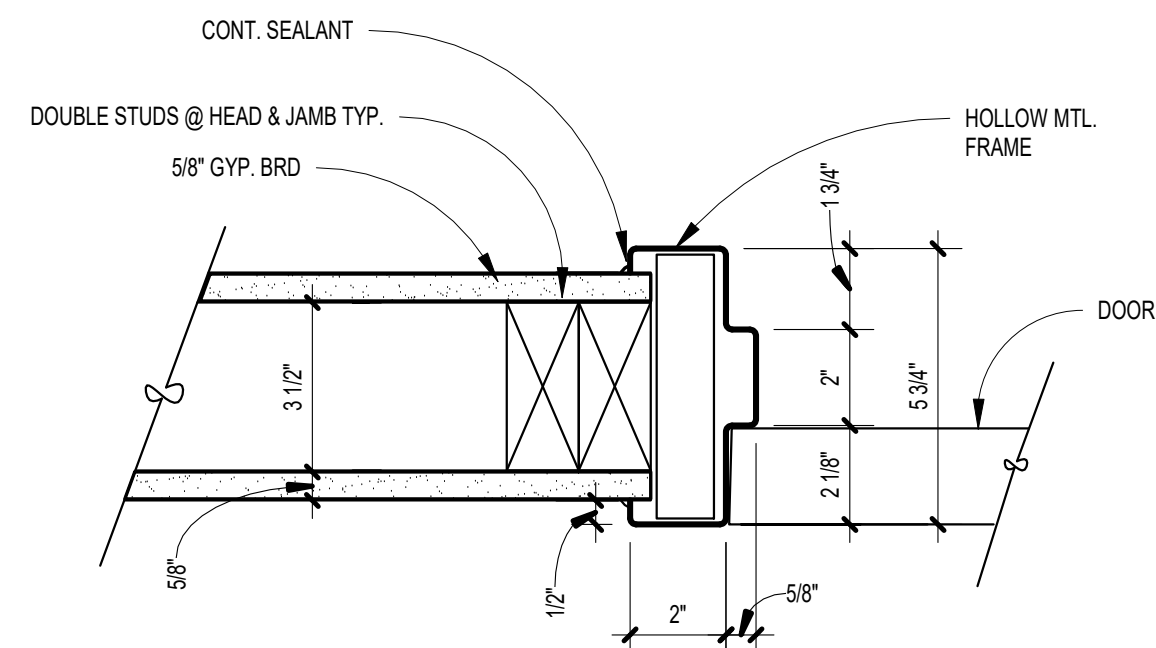




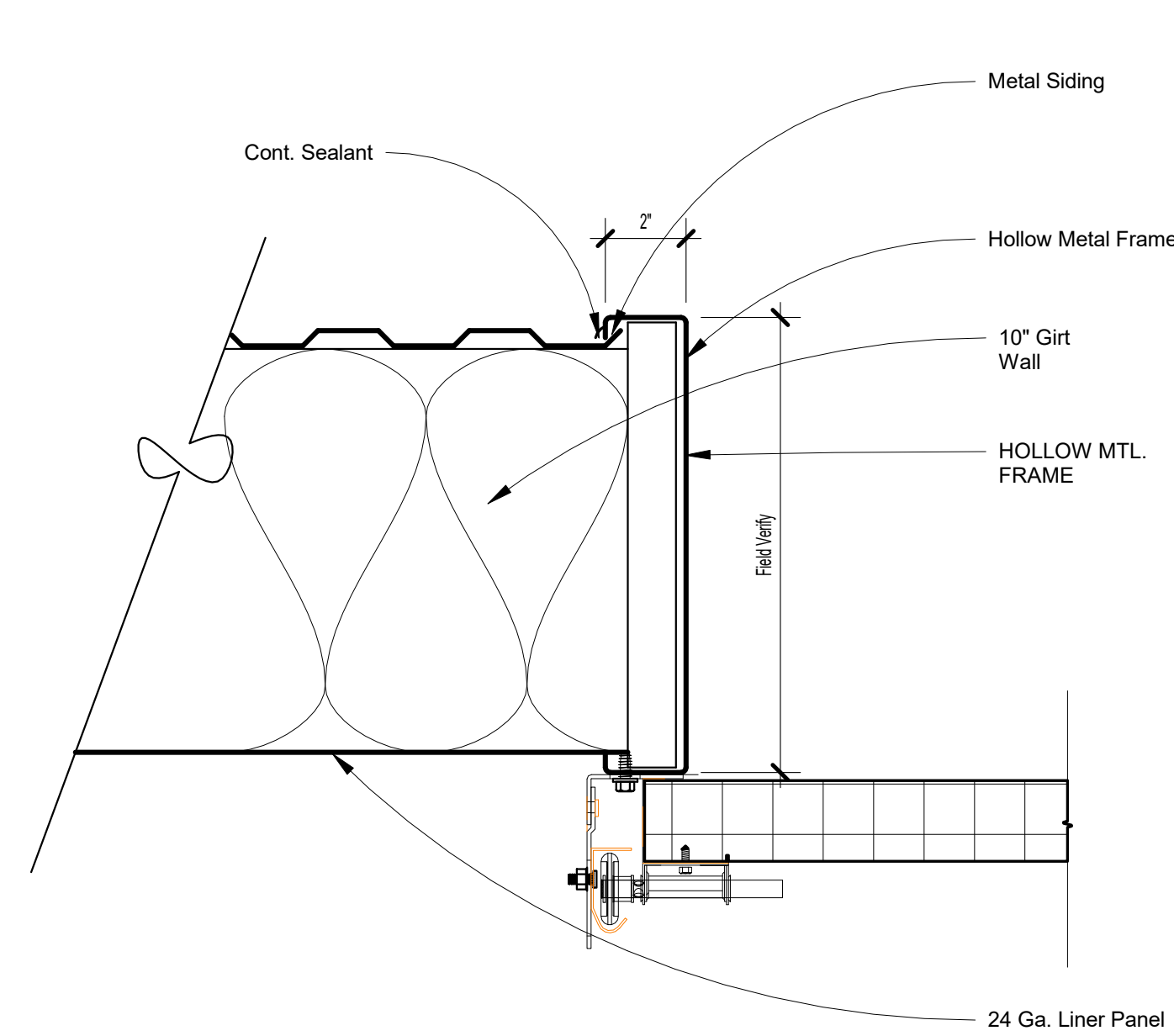
Door Schedule				
Num	Height	Width	Door Type	Comments
100B	14' - 0"	14' - 0"	Type #3	
100C	7' - 0"	3' - 0"	Type #2	
200B	14' - 0"	14' - 0"	Type #3	
200C	7' - 0"	3' - 0"	Type #2	
200G	7' - 0"	3' - 2"	Type #1	
200I	14' - 0"	14' - 0"	Type #3	
200J	14' - 0"	14' - 0"	Type #3	
200L	14' - 0"	14' - 0"	Type #3	
300B	14' - 0"	14' - 0"	Type #3	
300C	7' - 0"	3' - 0"	Type #2	
400C	7' - 0"	3' - 0"	Type #2	
500C	7' - 0"	3' - 0"	Type #2	
600C	7' - 0"	3' - 0"	Type #2	
600H	7' - 0"	3' - 2"	Type #1	
600I	7' - 0"	3' - 2"	Type #1	
600K	7' - 0"	3' - 2"	Type #1	
600M	7' - 0"	3' - 2"	Type #1	
600N	7' - 0"	3' - 2"	Type #1	
600O	7' - 0"	3' - 2"	Type #1	
600Q	7' - 0"	3' - 2"	Type #1	
700C	7' - 0"	3' - 0"	Type #2	

Door Types
1/4" = 1'-0"

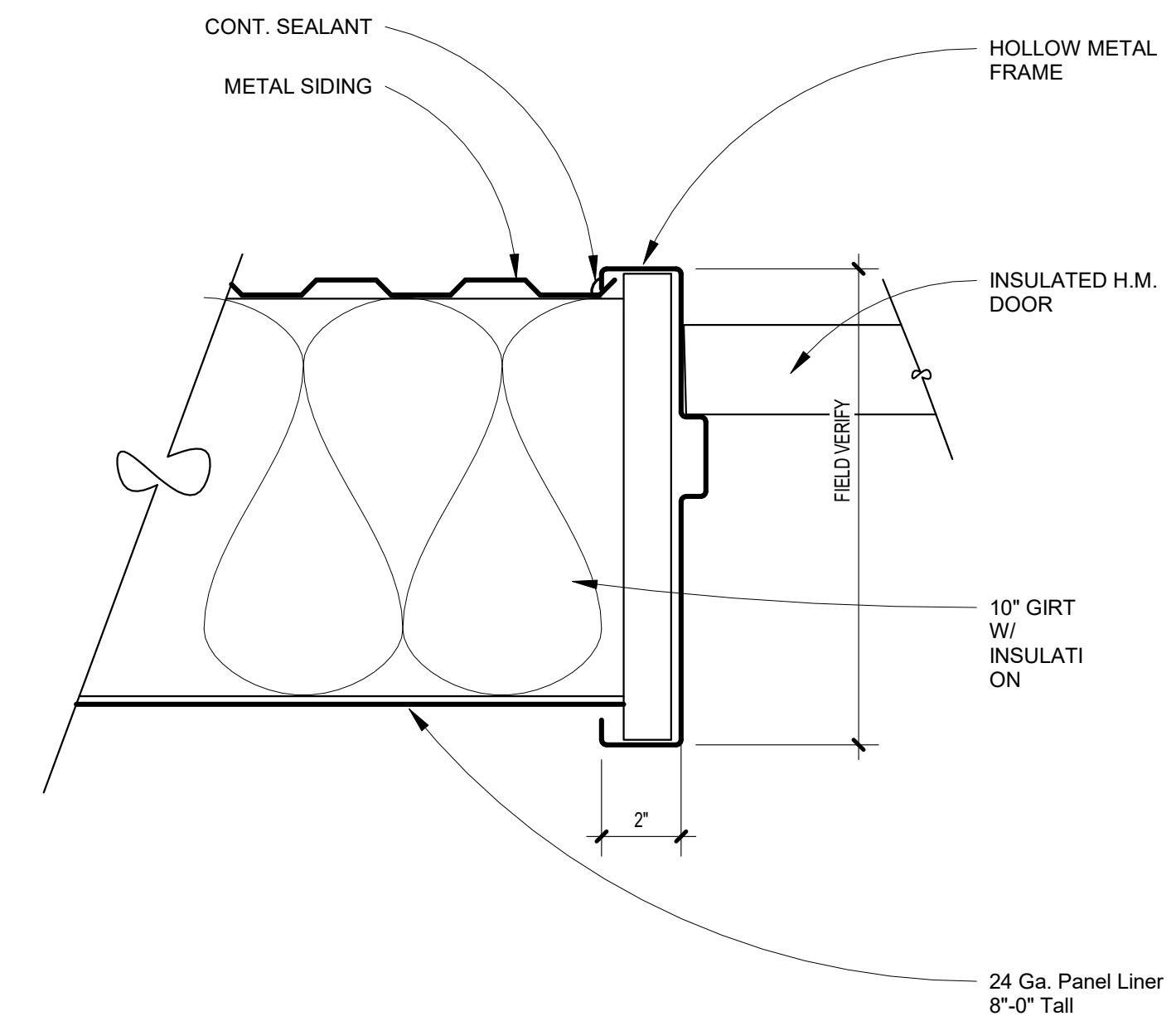
Door Frame Types
1/4" = 1'-0"



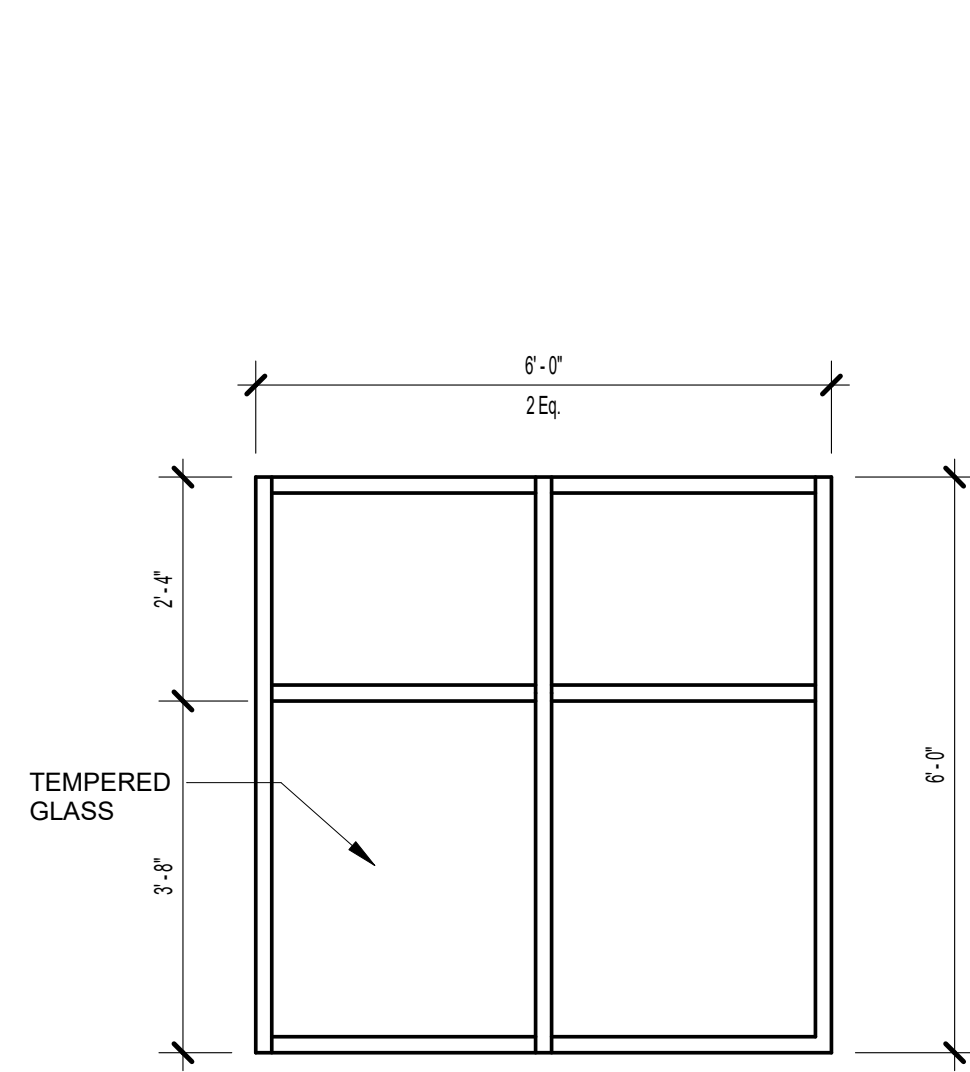
1 Door Jamb Detail
A205 3" = 1'-0"



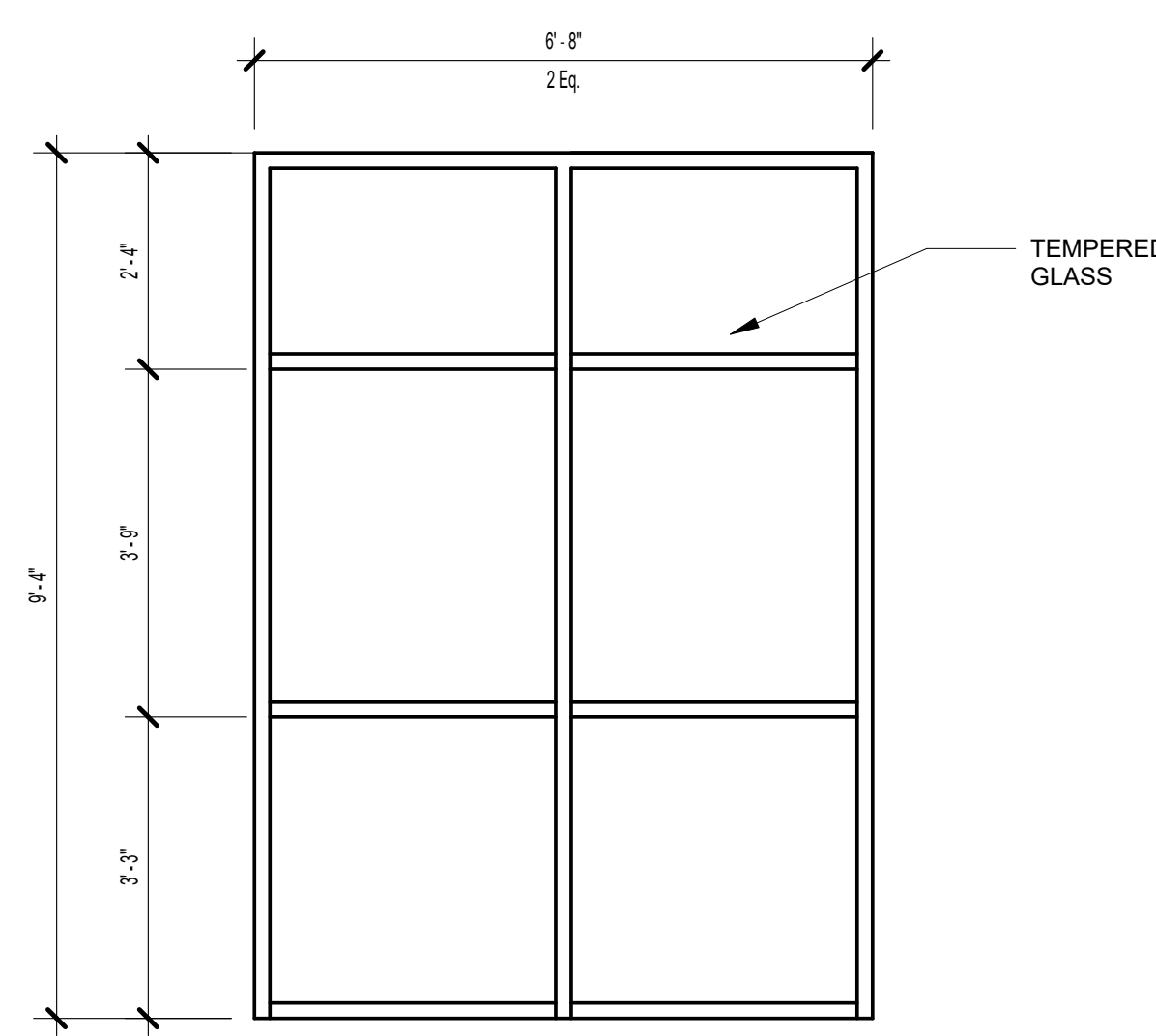
2 Exterior Garage Door Jamb
A205 3" = 1'-0"



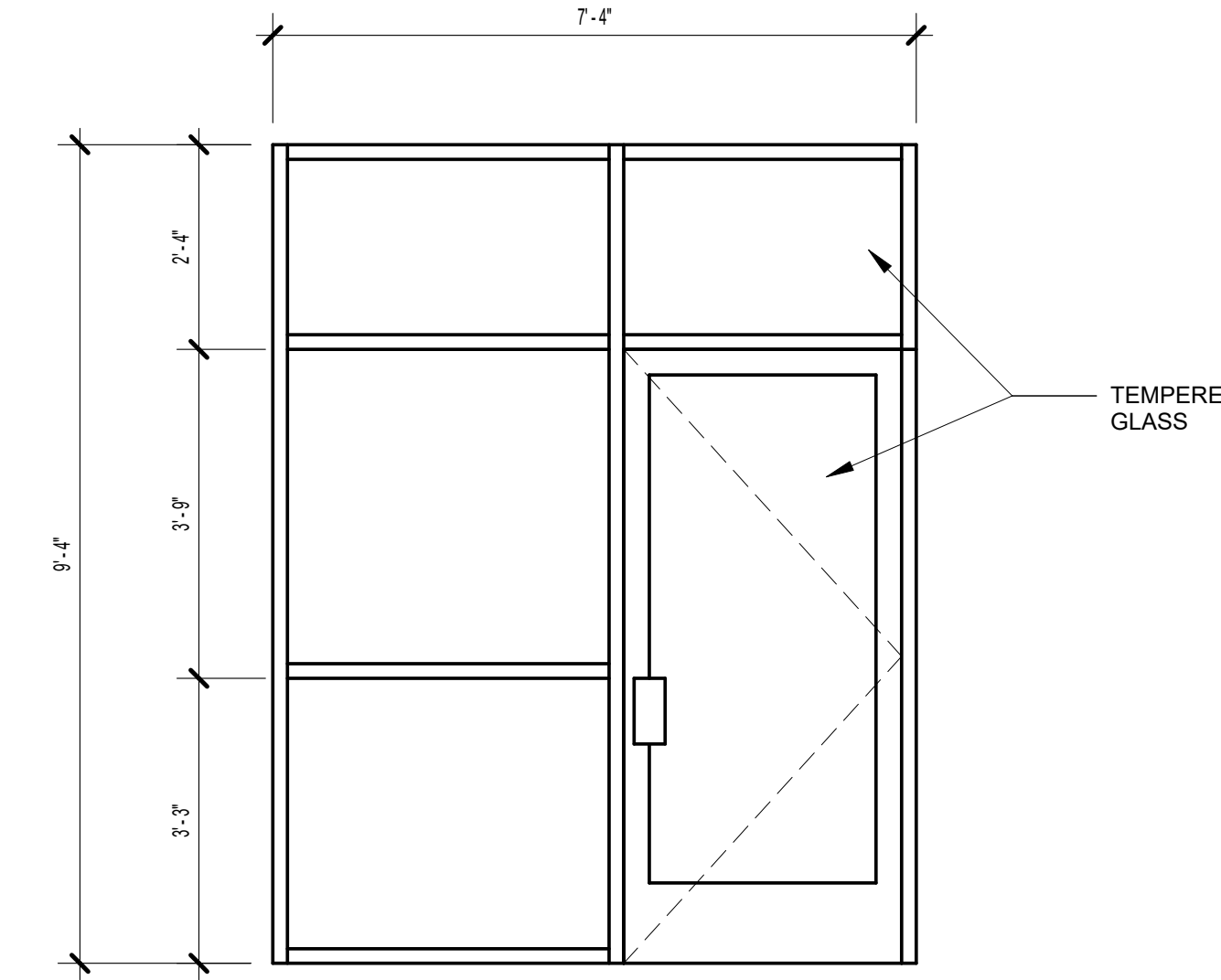
3 Exterior Door Jamb
A205 3" = 1'-0"



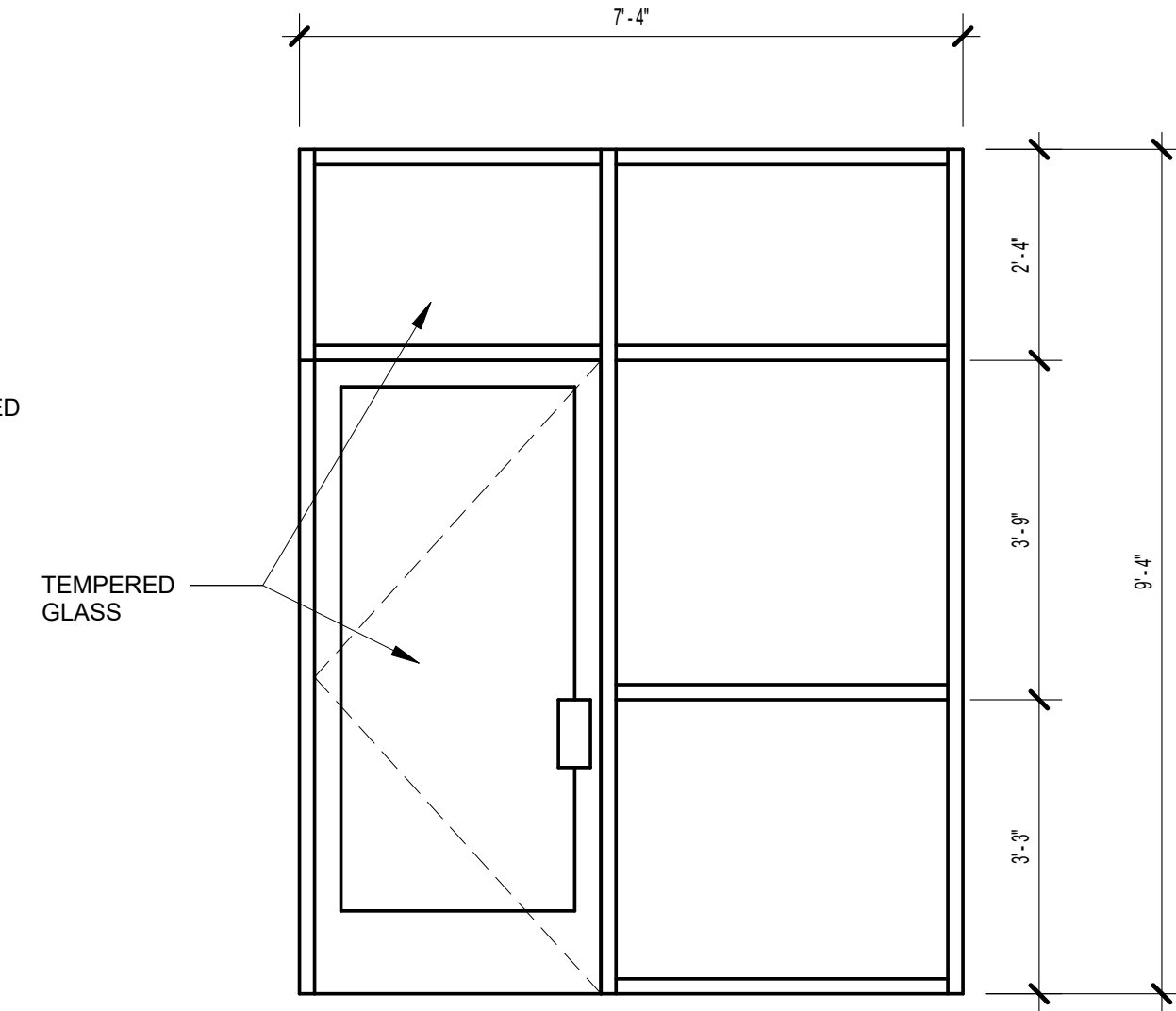
4 Window A
A205 1/2" = 1'-0"



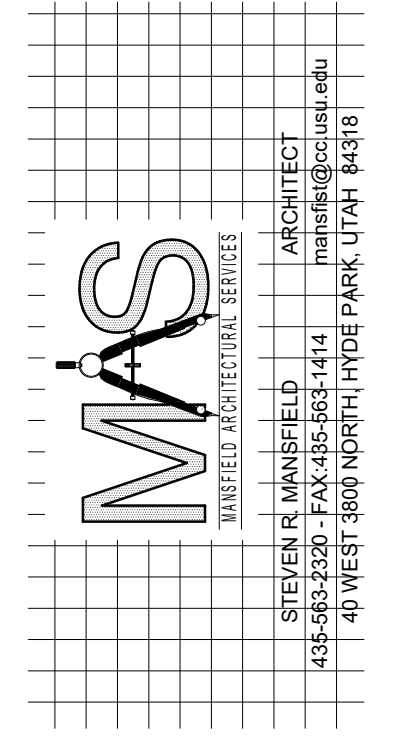
5 Window B
A205 1/2" = 1'-0"



6 Window C
A205 1/2" = 1'-0"



7 Window D
A205 1/2" = 1'-0"

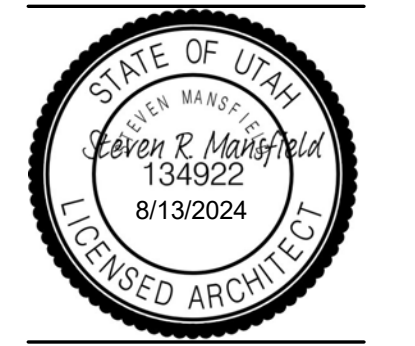


CCN Holdings/600 West (Core & Shell)

OWNERS NAME: Kent Merrill/Codie Nelson
 PROJECT ADDRESS: 2041 North 600 West
 701 South 100 West, Springfield, Utah

MARK:	DATE:	DESCRIPTION:

PROJECT #: 367
 DESIGNED BY: srm
 DRAWN BY: srm
 CHECKED BY: srm
 ISSUED: Aug 13 2024



Door & Window Schedules w/ Details

MERRILL/NELSON COMMERCIAL

PART OF THE NORTHWEST QUARTER OF SECTION 21,
TOWNSHIP 12 NORTH, RANGE 1 EAST,
2041 NORTH, 600 WEST, LOGAN
CACHE COUNTY, UTAH, SLB&M

INDEX SHEET

PROJECT LOCATION



CITY OF LOGAN
CACHE COUNTY, UT

OWNER/DEVELOPER
KENT MERRILL

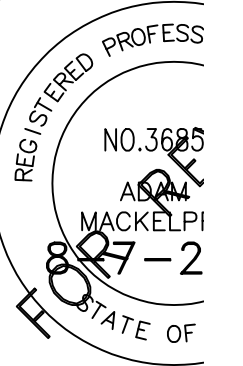
CIVIL ENGINEER
ALLIANCE CONSULTING
ENGINEERS, INC.
150 EAST 200 NORTH SUITE P
LOGAN, UTAH 84321
435-755-5121

SHEET INDEX

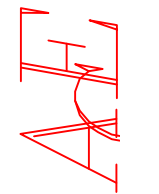
SHEET NO.	SHEET DESCRIPTION
1	INDEX SHEET
2	EXIST/DEMO PLAN
3	SITE/UTILITY PLAN
4	DRAINAGE/GRADING PLAN

GENERAL NOTES (APPLICABLE TO ALL CIVIL SHEETS):

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, CITY OF LOGAN STANDARDS, STATE OF UTAH AND ANY OTHER APPLICABLE STANDARDS ISSUED BY THE CONTROLLING AGENCY.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE CONSTRUCTION. ANY DISCREPANCIES BETWEEN CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER. ANY WORK COMPLETED WITHOUT DOING SUCH IS DONE SO AT THE CONTRACTORS EXPENSE.
- CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY AREAS AND/OR MATERIALS DAMAGED DURING CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN ALL ADJACENT PROPERTY (PUBLIC & PRIVATE) FROM ALL CONSTRUCTION DEBRIS.
- CONTRACTOR SHALL PROVIDE SMOOTH TRANSITION FROM ALL NEW CONSTRUCTION TO EXISTING CONDITIONS.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY AUTOMOBILE AND PEDESTRIAN TRAFFIC CONTROL DEVICES REQUIRED BY LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
- CONTRACTOR SHALL REPLACE SURVEY MONUMENTS DAMAGED DURING CONSTRUCTION. SURVEY MONUMENTS TO BE REPLACED BY A REGISTERED, LICENSED LAND SURVEYOR.
- CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, INCLUDING FIBER OPTIC. ANY DAMAGES TO EXISTING UTILITIES WILL BE REPAIRED AT CONTRACTORS EXPENSE.
- DIMENSIONS SHOWN ARE TO THE CENTER OF THE PIPELINE UNLESS OTHERWISE NOTED.
- DISTANCES SHOWN ALONG PIPELINES ARE HORIZONTAL DISTANCES AND NOT ACTUAL PIPE LENGTHS. MORE PIPE MAY BE REQUIRED TO COMPLETE CONSTRUCTION THAN IS DIMENSIONED IN THE PLANS.
- JOINT RESTRAINTS SHALL BE USED TO PROVIDE RESTRAINT TO ALL WATER LINE FITTINGS. IN ADDITION, A THRUST BLOCK WITH 1.5-2.0 SQUARE FEET OF SOIL BEARING SHALL BE PROVIDED AT ALL FITTINGS.
- CONTRACTOR IS REQUIRED TO HAVE A SET OF PLANS ON THE SITE AT ALL TIMES. ANY WORK COMPLETED WITHOUT A SET PRESENT IS DONE SO AT THE CONTRACTORS RISK AND EXPENSE IF ERRORS OCCUR.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING WATER NECESSARY FOR DUST ABATEMENT, COMPACTION, ETC.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING SOURCES FOR GRANULAR MATERIALS, WATER, WASTE SITES, AND ANY OTHER MATERIALS SOURCES AS REQUIRED FOR PROJECT COMPLETION.
- ANY WORK DONE WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE APPROPRIATE TRANSPORTATION AGENCY AND SHALL MEET THE REQUIREMENTS OF THAT AGENCY AND THE REQUIREMENTS OF ANY RIGHT-OF-WAY OR SPECIAL USE PERMITS.
- THE CONTRACTOR SHALL COORDINATE ALL LIVE TAPS AND ANY OTHER WORK OR MANIPULATION OF THE EXISTING WATER SYSTEM WITH THE CITY.
- ON SLOPING AREAS THE CONTRACTOR SHALL TAKE PRECAUTIONS TO MITIGATE ANY POSSIBLE EROSION PROBLEMS IN THE TRENCHES DUE TO STORM WATER THAT MIGHT OCCUR DURING OR AFTER CONSTRUCTION AS DIRECTED OR APPROVED BY ENGINEER.
- THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL EROSION CONTROL MEASURES AS DETAILED IN THE PROJECT PLANS UNTIL FINAL ACCEPTANCE OF THIS PROJECT.
- THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONS NECESSARY TO INSURE THAT NO STORM WATER/SEDIMENT AND/OR CONSTRUCTION DEBRIS ARE RELEASED FROM THE SITE. ANY RELEASES SHALL BE CLEANED AND MITIGATED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION ACCESS AND RELATED TRAFFIC CONTROL WITH THE COUNTY, CITY, AND STATE ROADWAY DEPARTMENTS. THE ENGINEER SHALL REVIEW ALL TRAFFIC CONTROL PLANS.
- ALL GATE VALVES SHALL BE LOCATED NEAR TO TEES OR CROSSES AND THEIR ASSOCIATED REDUCERS AS SHOWN ON THE PROJECT PLANS.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS, HARDWARE, LABOR, ETC. TO CONSTRUCT VERTICAL AND HORIZONTAL BENDS IN PIPE AS NEEDED TO MEET THE REQUIRED GRADES, ALIGNMENTS AND COVER REQUIREMENTS.
- ALL AIR RELEASE VALVES SHALL BE INSTALLED AT THE CREST OF THE VERTICAL CURVATURE OF THE WATER LINE. CONTRACTOR SHALL RECORD ACTUAL LOCATION OF VALVES ON FIELD RECORD DRAWINGS.
- THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF LOGAN FOR ALL UTILITY INSPECTIONS PRIOR TO BACKFILLING.
- ALL WATER SYSTEM COMPONENTS SHALL BE INSTALLED, PRESSURE TESTED, AND CHLORINATED PRIOR TO COMPLETING ANY ROADWAY CONSTRUCTION.



ALLIANCE CONSULTING
ENGINEERS



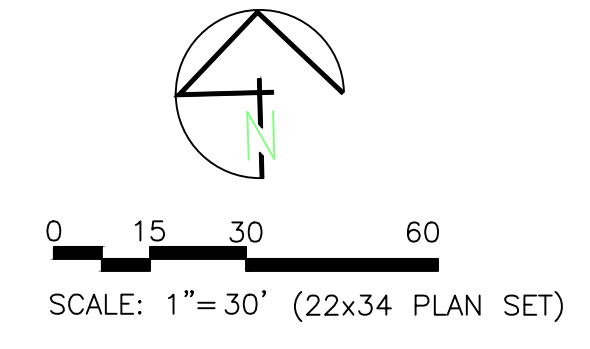
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NO.	REVISIONS/ SUBMISSIONS	DATE

PROJECT TITLE
MERRILL/NELSON COMMERCIAL
PART OF THE NORTHWEST QUARTER OF SECTION 21,
TOWNSHIP 12 NORTH, RANGE 1 EAST.

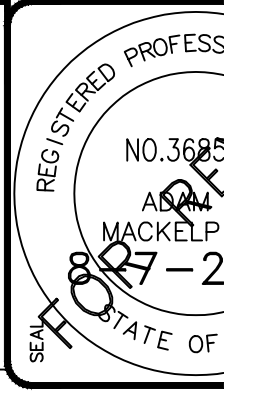
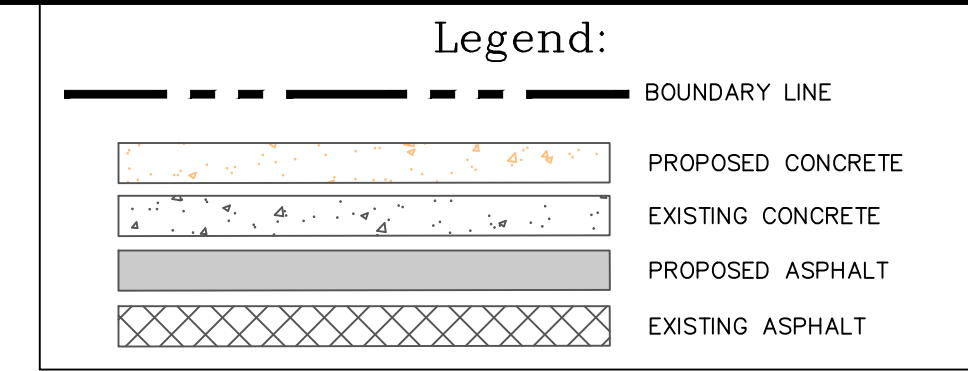
DATE : AUG,2024
DRAWING No. 1

CCN HOLDINGS LLC COMMERCIAL BUILDING SITE PLAN



SITE REFERENCE NOTES

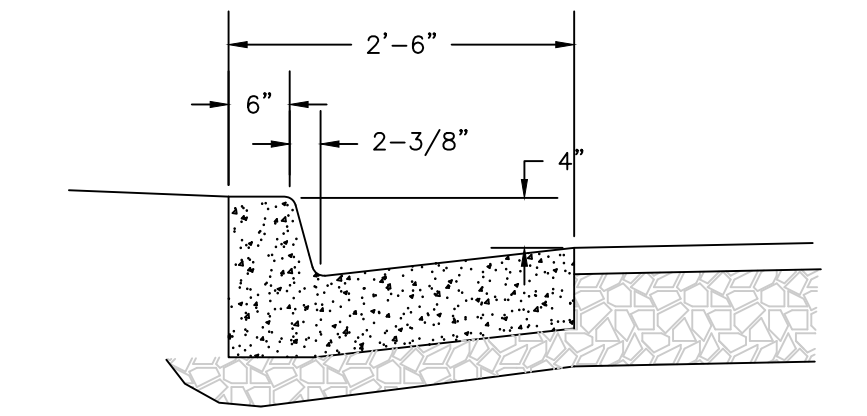
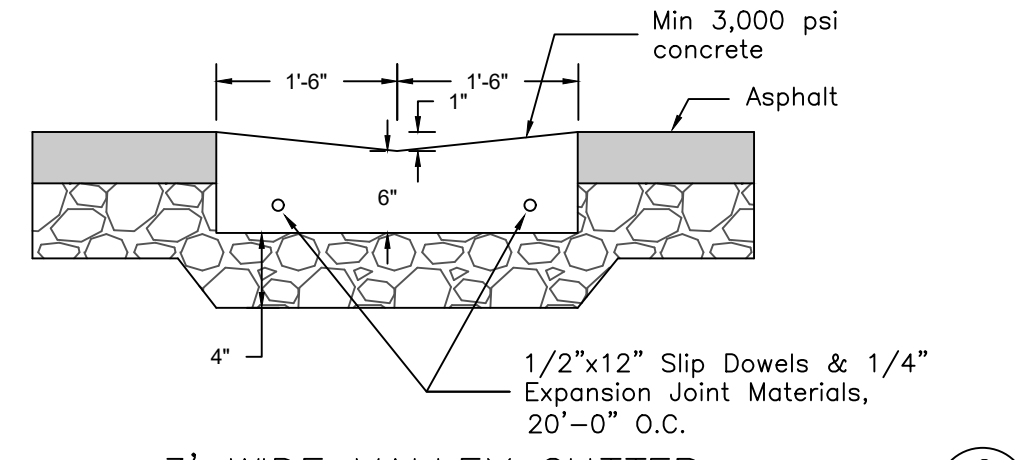
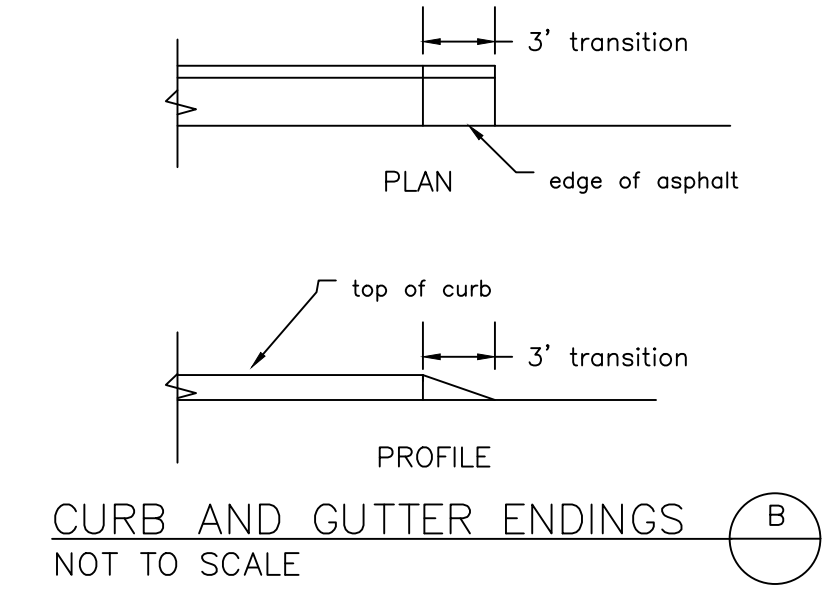
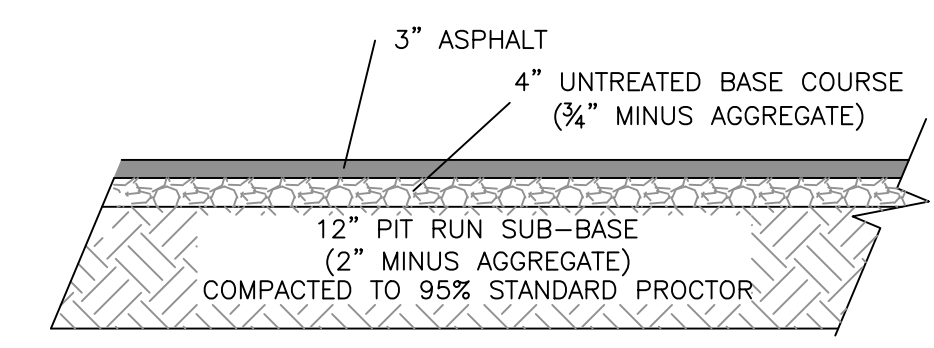
- ① 3" ASPHALT OVER PROPERLY PREPARED BASE COURSE. DRAIN AS PER GRADING/DRAINAGE PLAN. (SEE DETAIL A)
- ② 4" CONCRETE SIDEWALK w/ 4" GRAVEL BASE PER CITY STANDARD
- ③ PAINTED PARKING LOT STRIPING.
- ④ 12'x24' DUMPSTER ENCLOSURE w/ (2) BOLLARD IN BACK OVER 8" THICK CONCRETE PAD
- ⑤ LANDSCAPING
- ⑥ CURB AND GUTTER ENDINGS (SEE DETAIL B)
- ⑦ DRIVE APPROACH (SEE APWA PLAN 221)--8" OF UTBC REQUIRED AT ALL NONRESIDENTIAL DRIVEWAYS
- ⑧ 3' WIDE VALLEY GUTTER (SEE DETAIL C)
- ⑨ 6" HIGH BACK CURB (APWA TYPE P)
- ⑩ 30" INFLOW CURB AND GUTTER (SEE DETAIL D)
- ⑪ 12" RIBBON CURB (SEE DETAIL E)



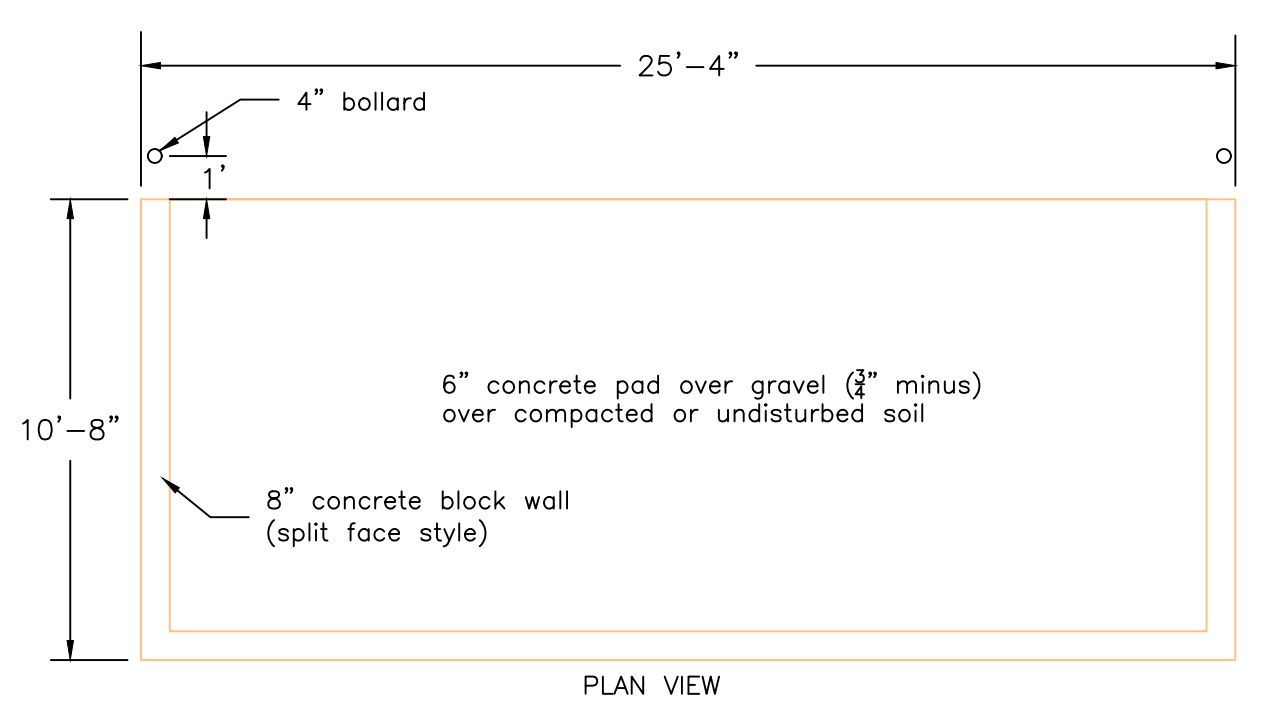
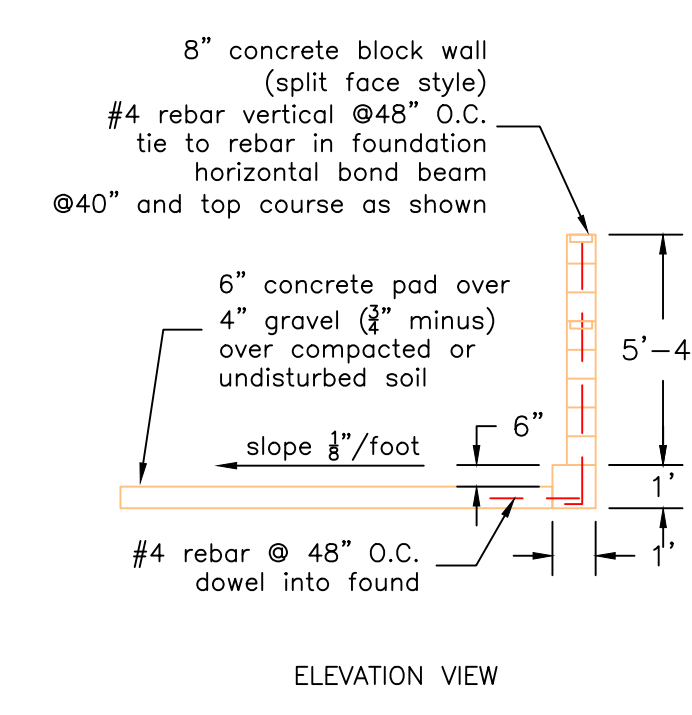
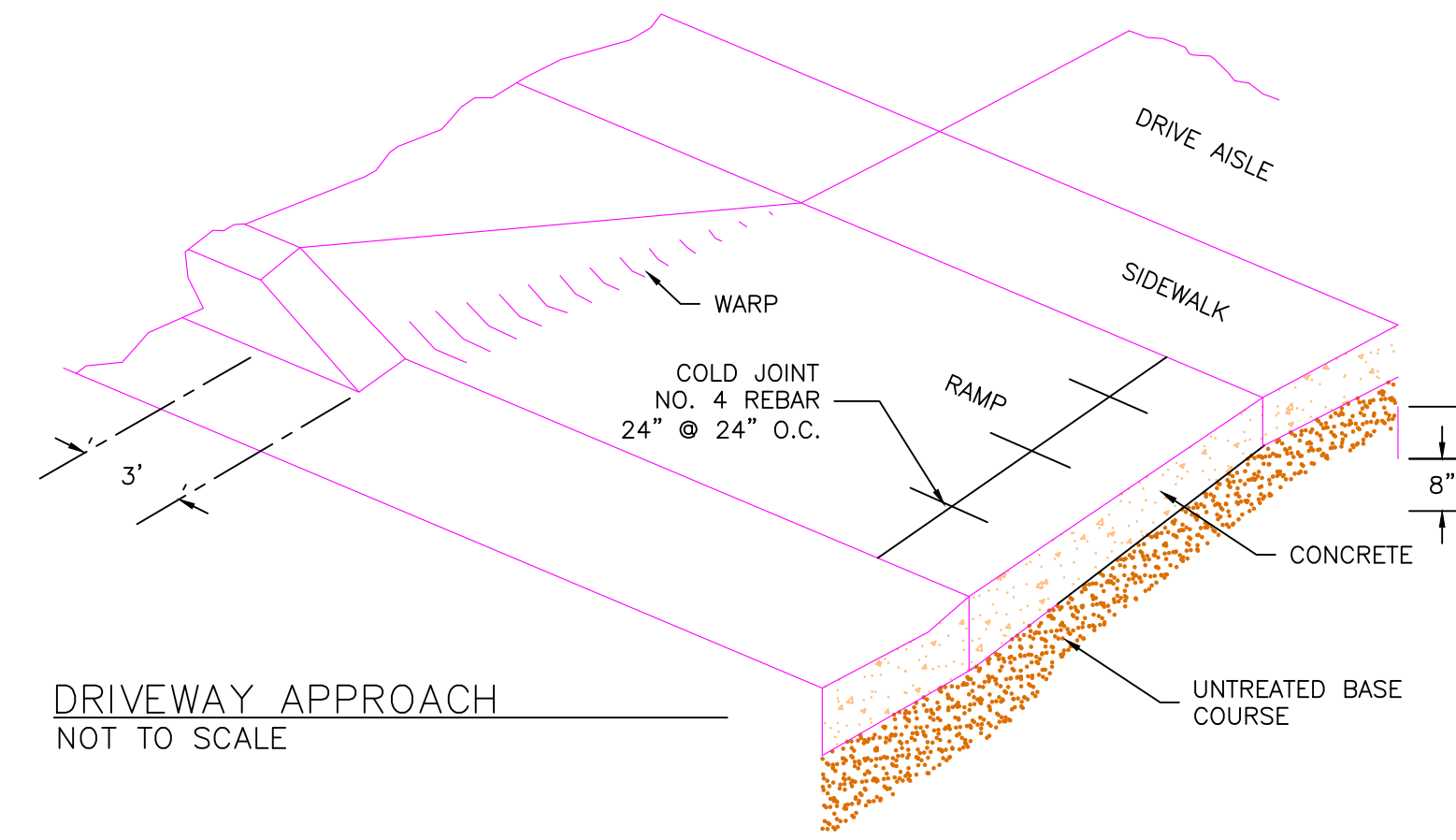
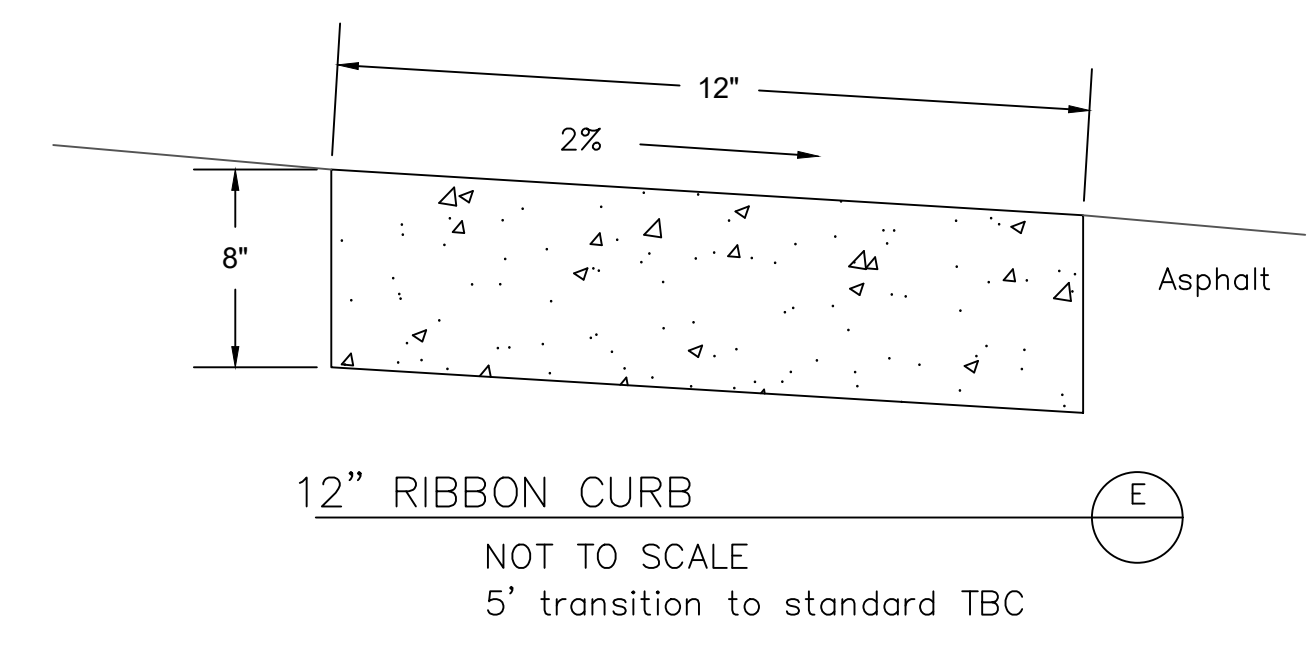
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PROJECT TITLE	CCN HOLDINGS LLC COMMERCIAL BUILDING PART OF THE NORTHWEST QUARTER OF SECTION 21, TOWNSHIP 12 NORTH, RANGE 1 EAST.
DATE	AUG, 2024
REVISIONS / SUBMISSIONS	
NO.	

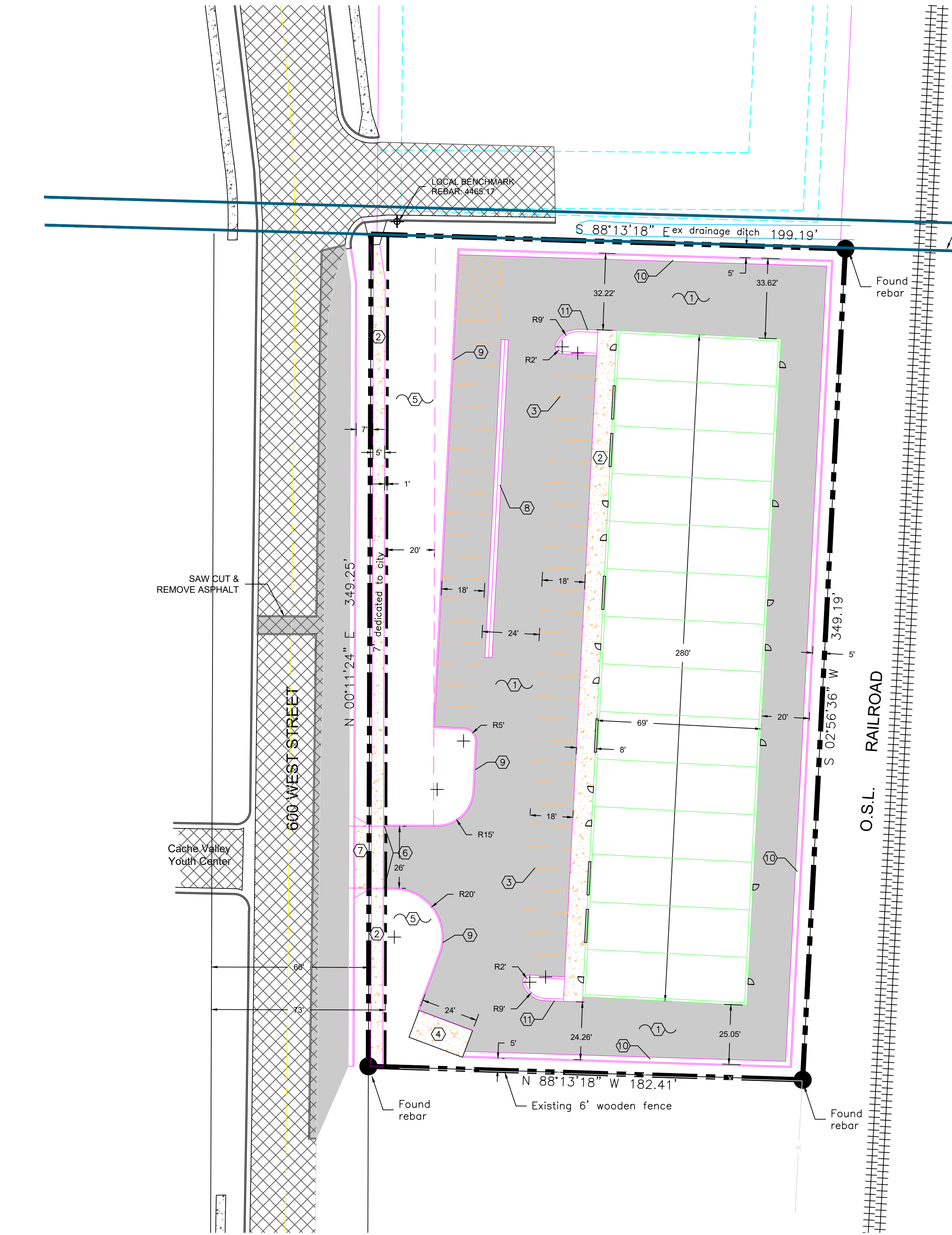


- NOTES:
1. Contraction joints 10 feet on center to a depth of 1/4 the curb.
 2. Expansion joints with preformed filler 150 feet on center.
 3. Exposed concrete surface to have a light broom finish.

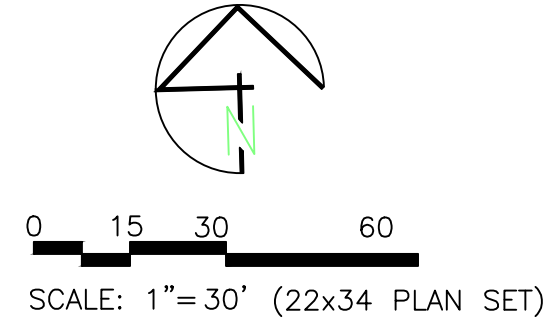


TRASH ENCLOSURE PLAN
NOT TO SCALE

DATE: AUG, 2024
DRAWING No. 2

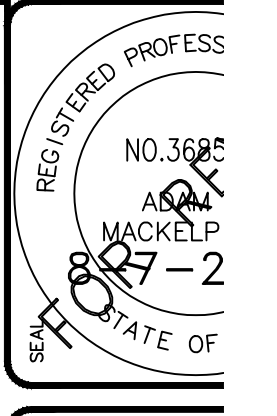


CCN HOLDINGS LLC COMMERCIAL BUILDING UTILITY PLAN



Legend:

	BOUNDARY LINE
	EXISTING FENCE
	OVERHEAD POWERLINES
	EXISTING GAS LINE
	EXISTING SANITARY SEWER
	PROPOSED 8" SEWER MAINS
	EXISTING WATERLINE
	PROPOSED 2" SERVICE AND METER
	EXISTING STORM LINE
	PROPOSED STORM AS NOTED
	PROPOSED CONCRETE
	EXISTING CONCRETE
	PROPOSED ASPHALT
	EXISTING ASPHALT



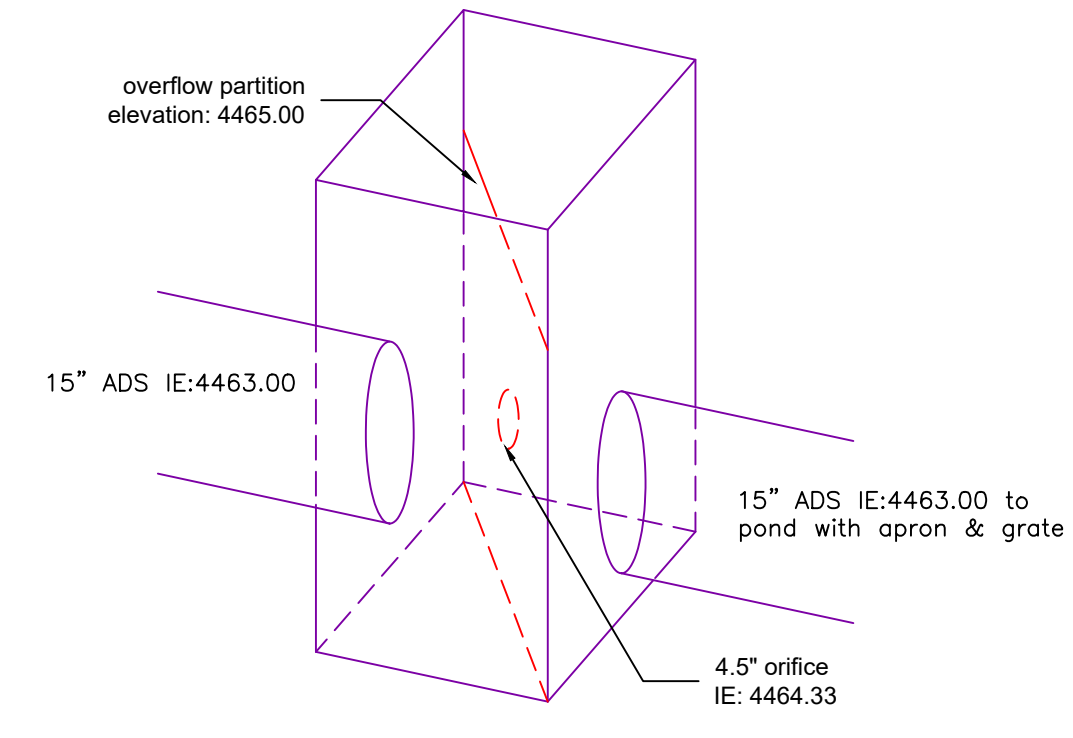
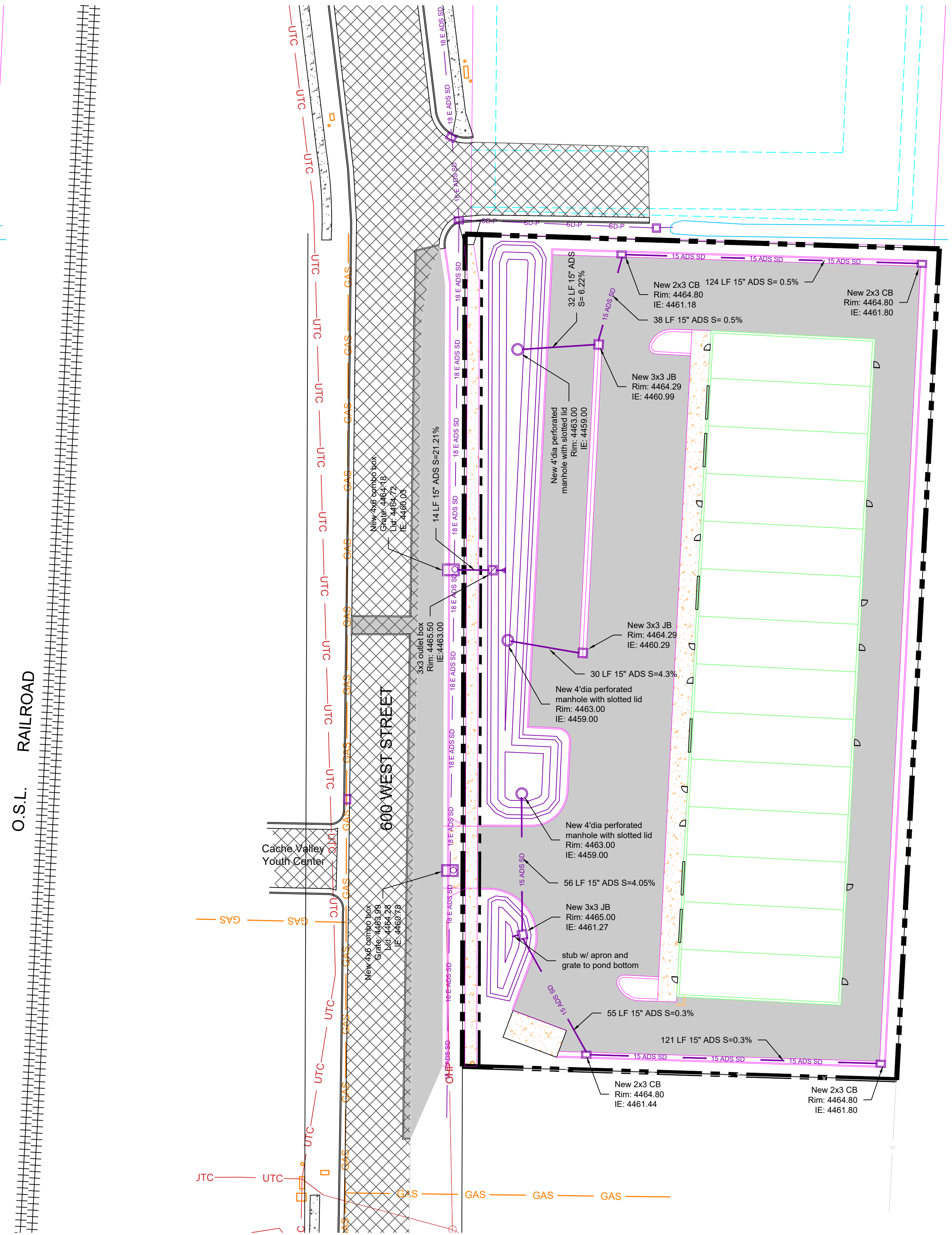
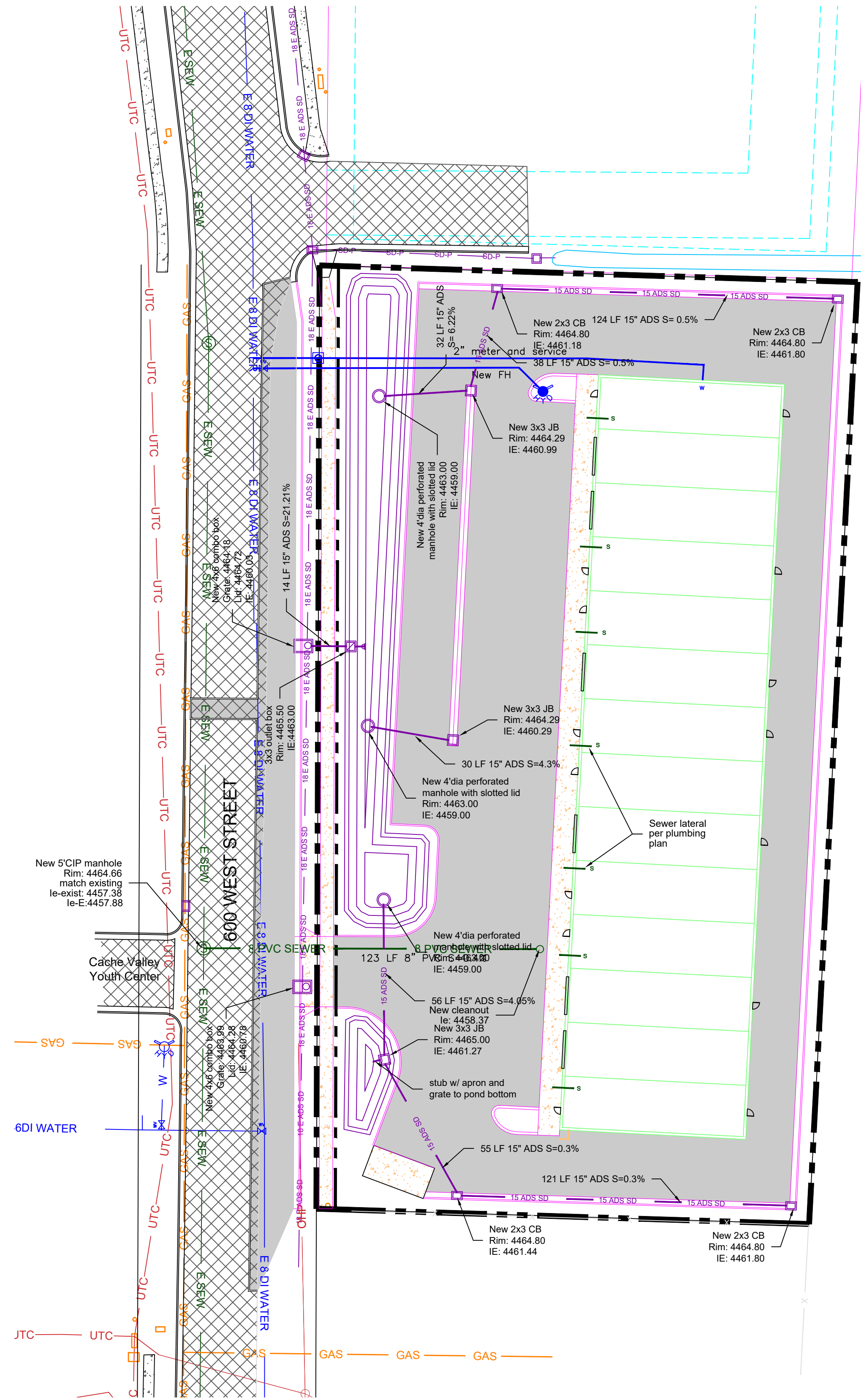
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CCN HOLDINGS LLC
COMMERCIAL BUILDING

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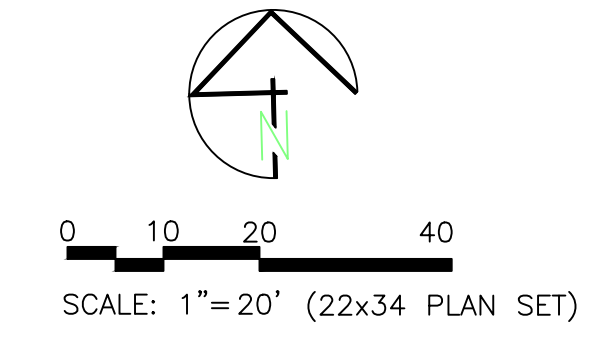
PROJECT TITLE: CCN HOLDINGS LLC
COMMERCIAL BUILDING
PART OF THE NORTHWEST QUARTER OF SECTION 21,
TOWNSHIP 12 NORTH, RANGE 1 EAST.

DATE: AUG, 2024
DRAWING NO.



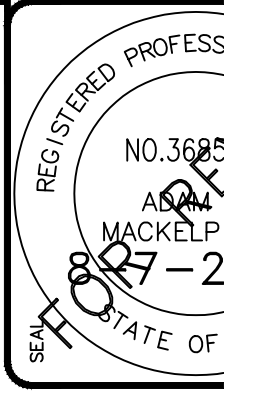
OVERFLOW BOX DETAIL

CCN HOLDINGS LLC COMMERCIAL BUILDING GRADING PLAN

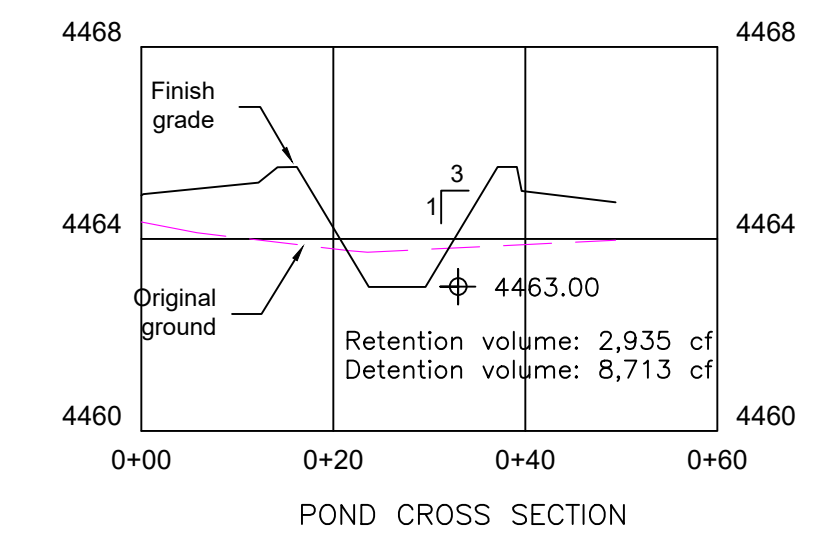
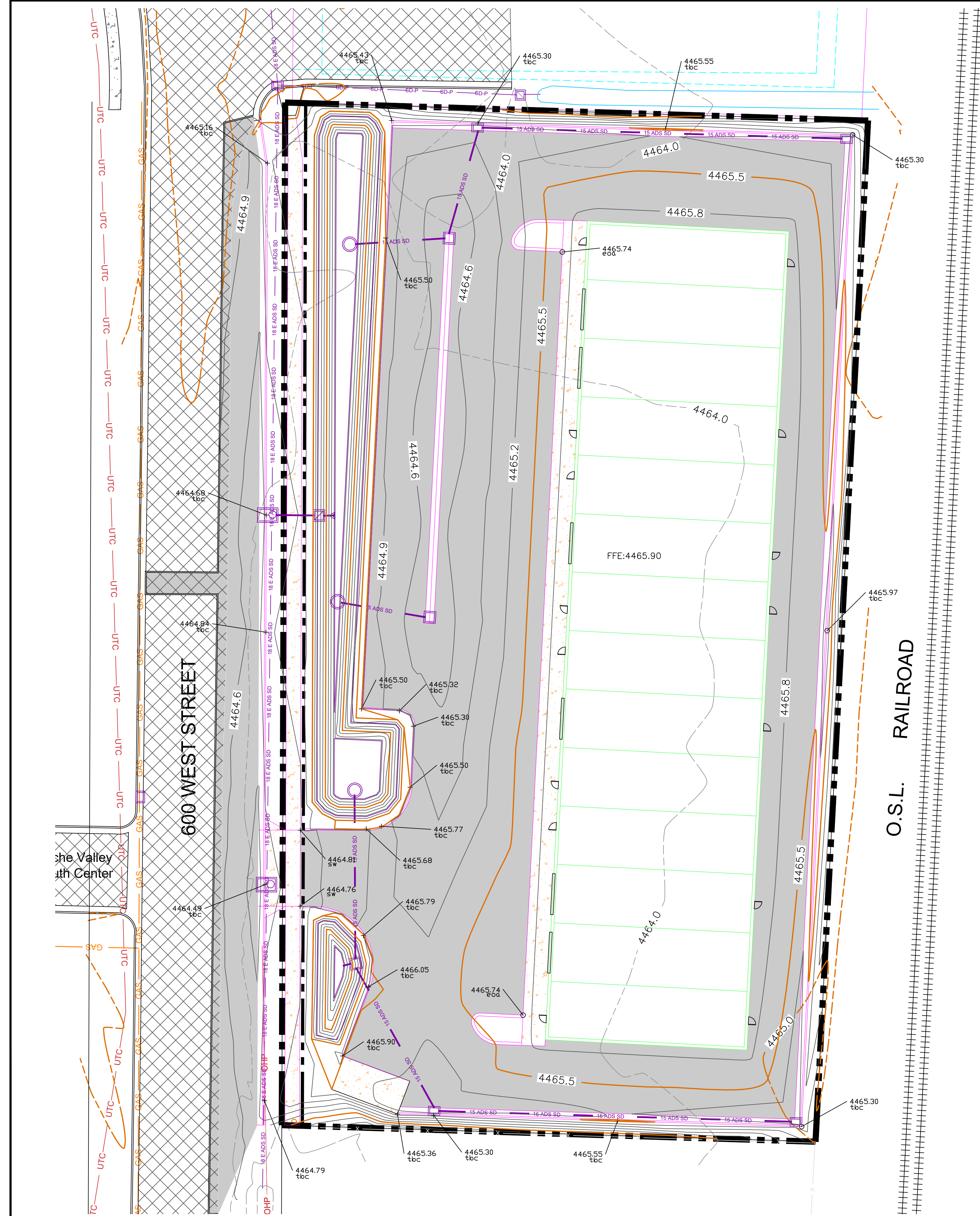


Legend:

--- x ---	BOUNDARY LINE
---	EXISTING FENCE
---	EXISTING STORM LINE
---	PROPOSED STORM AS NOTED
---	MAJOR CONTOUR EXISTING (5')
---	MINOR CONTOUR EXISTING (1')
---	MAJOR CONTOUR PROPOSED (1.5')
---	MINOR CONTOUR PROPOSED (0.3')
---	PROPOSED CONCRETE
---	EXISTING CONCRETE
---	PROPOSED ASPHALT
---	EXISTING ASPHALT



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A/E



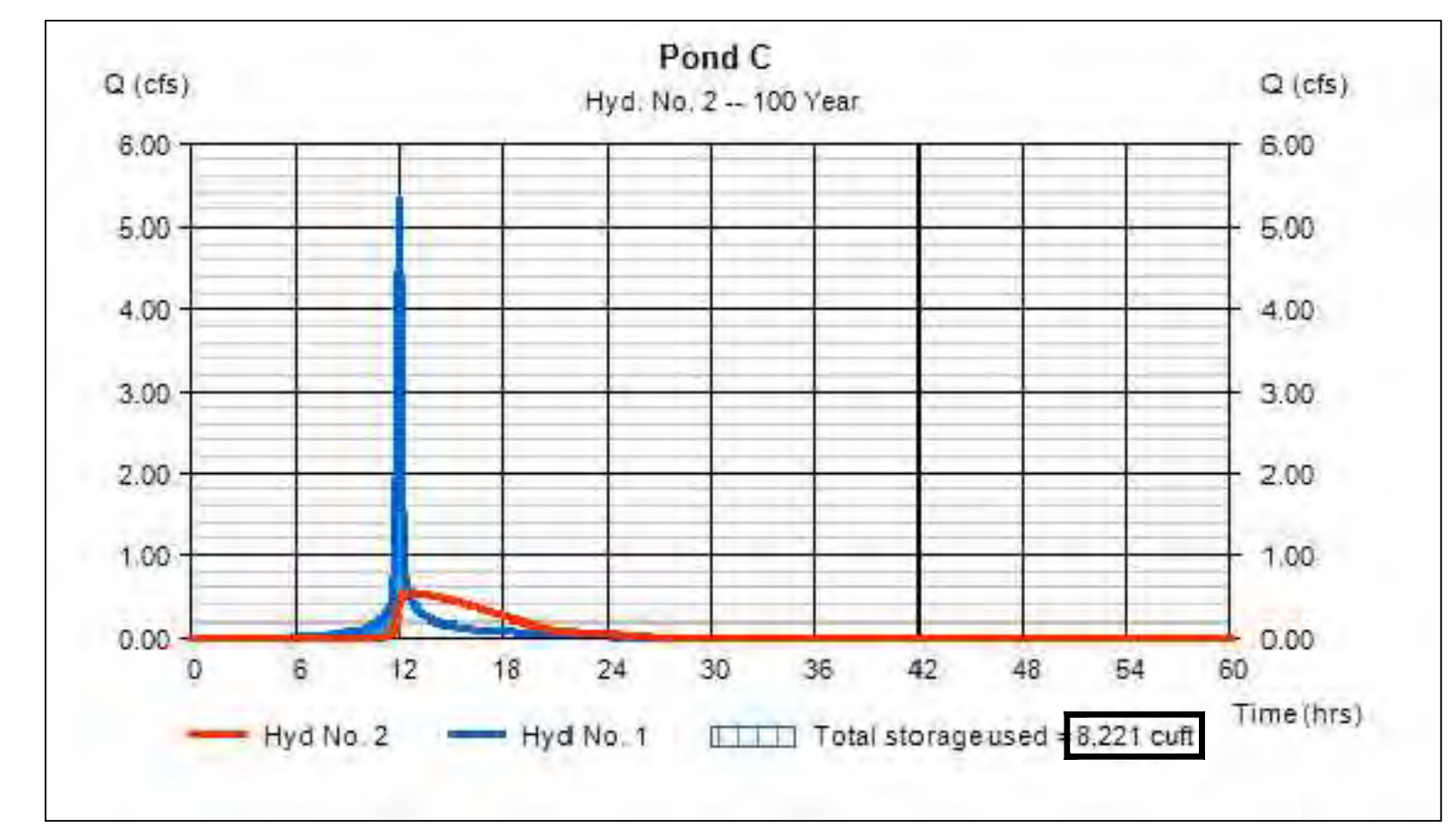
Basin Calculations

Description	Area (sq ft)	Area (ac)	CN	Area*CN
Impervious Area	55973	1.284963	98	125.9264004
Commercial		0.00	92	0
Open Space	14133	0.324449	80	25.9592287
Residential	0	0.00	75	0
Mixed Use/Institutional	0	0	95	0
Pre Development	70106	1.609412	84	135.1906336
Average CN		1.61	94.4	

Initial Abstraction	0.12 inches
for pre dev	0.38 inches
Watershed Storage	0.60 inches
for pre dev	1.90 inches
Precipitation (10 Yr)	24 hour storm 2.04 inches precipitation
Precipitation (25 Yr)	24 hour storm 2.42 inches
Precipitation (100 Yr)	24 hour storm 3.03 inches
Direct Runoff (10 Yr)	24 hour storm 1.47 total runoff depth
for pre dev (10 Yr)	24 hour storm 0.77 total runoff depth
Direct Runoff (25 Yr)	24 hour storm 1.83 total runoff depth
for pre dev (25 Yr)	24 hour storm 1.05 total runoff depth
Direct Runoff (100 Yr)	24 hour storm 2.42 total runoff depth
for pre dev (100 Yr)	24 hour storm 1.54 total runoff depth

Post Development		
10-Year Direct Runoff	0.20 acre-ft	8562.260352 ft ³
25-Year Direct Runoff	0.25 acre-ft	10673.98746 ft ³
100-Year Direct Runoff	0.32 acre-ft	14112.93787 ft ³
Pre Development		
10-Year Direct Runoff	0.10 acre-ft	4512.083848 ft ³
25-Year Direct Runoff	0.14 acre-ft	6159.03607 ft ³
100-Year Direct Runoff	0.21 acre-ft	9002.820928 ft ³
Required Storage		
10-Year Direct Runoff		4050.176504 ft ³
25-Year Direct Runoff		4514.951387 ft ³
100-Year Direct Runoff		5110.116944 ft ³
Required Detention	0.42 inches	2453.71 ft ³

STORAGE REQUIRED PER PRE VERSUS POST



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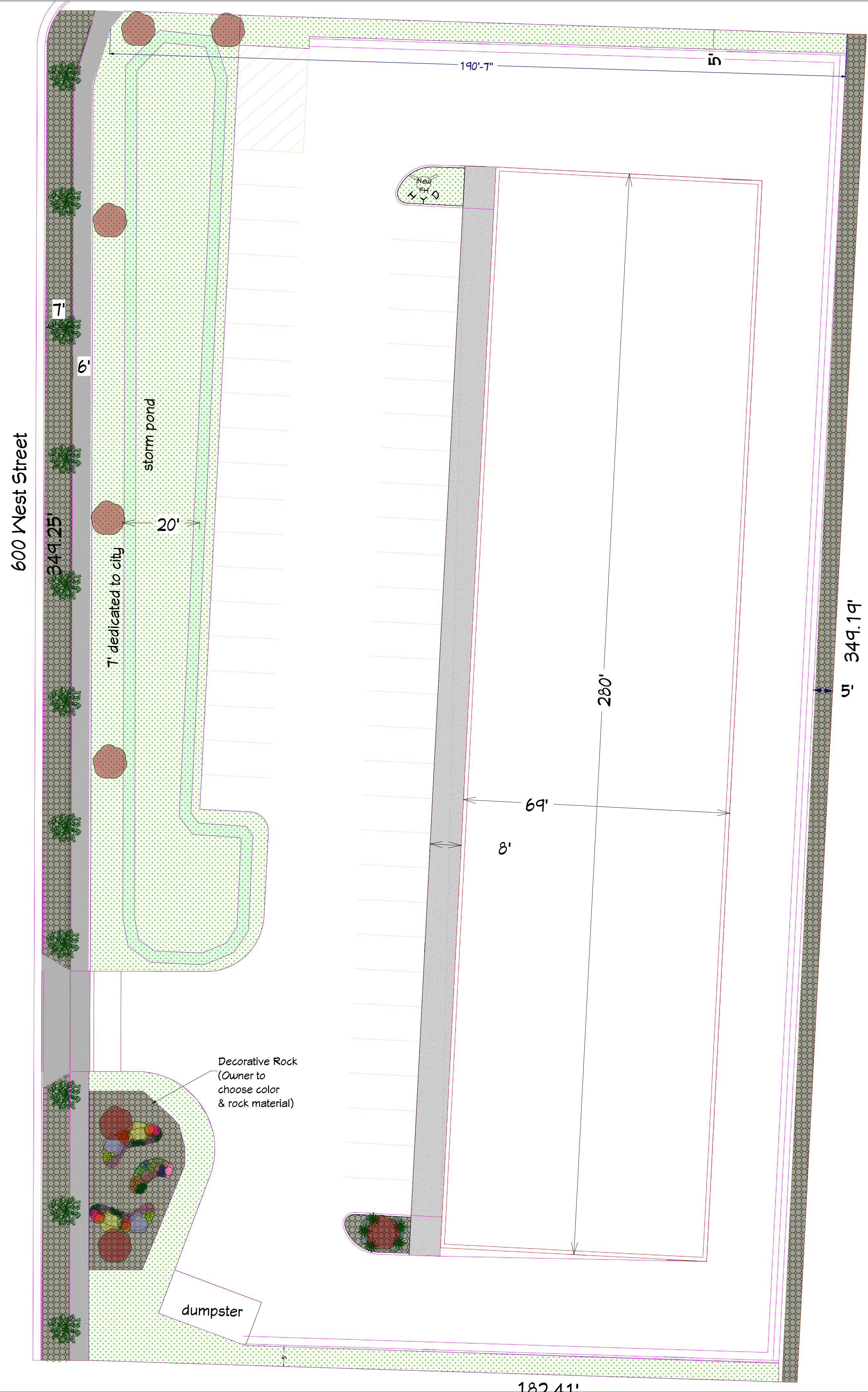
REVISIONS/ SUBMISSIONS	DATE

PROJECT TITLE: CCN HOLDINGS LLC
COMMERCIAL BUILDING
PART OF THE NORTHWEST QUARTER OF SECTION 21,
TOWNSHIP 12 NORTH, RANGE 1 EAST.

DATE: AUG, 2024
DRAWING No. 4

PLANT SCHEDULE		
2D SYMBOL	QTY	COMMON NAMES
	11	COCKSPEAR HAWTHORN
	5	HEAVENLY BLUE, BLUEBEARD
	6	JAPANESE MAPLE
	5	FOUNTAIN GRASS
	APPROX. 5 TONS	DECORATIVE LANDSCAPE ROCK (APPROX. 4,831 SQ. FT.)
	4	RHODODENDRON
	18	TULIPS
	50	PANSY
	22	LILY LEEK GOLDEN GARLIC
	16	MEALYCUP SAGE
	8	ROSE
	4	CREEPING PHLOX
	5	ASTILBE FALSE SPIREA
	5	AUTUMN JOY SEDUM STONE CROP
	26	CATMINT
	4	HOLLYHOCK MALLOW
	6	SHASTA DAISY
	25.5 PALLETS SOD	KENTUCKY BLUE GRASS (APPROX. 11,400 SQ. FT.)

* DECORATIVE ROCK WAS CALCULATED BY USING A GNEISS ROCK AT A 3" DEPTH WITH A DENSITY OF 6LB/CU FT.



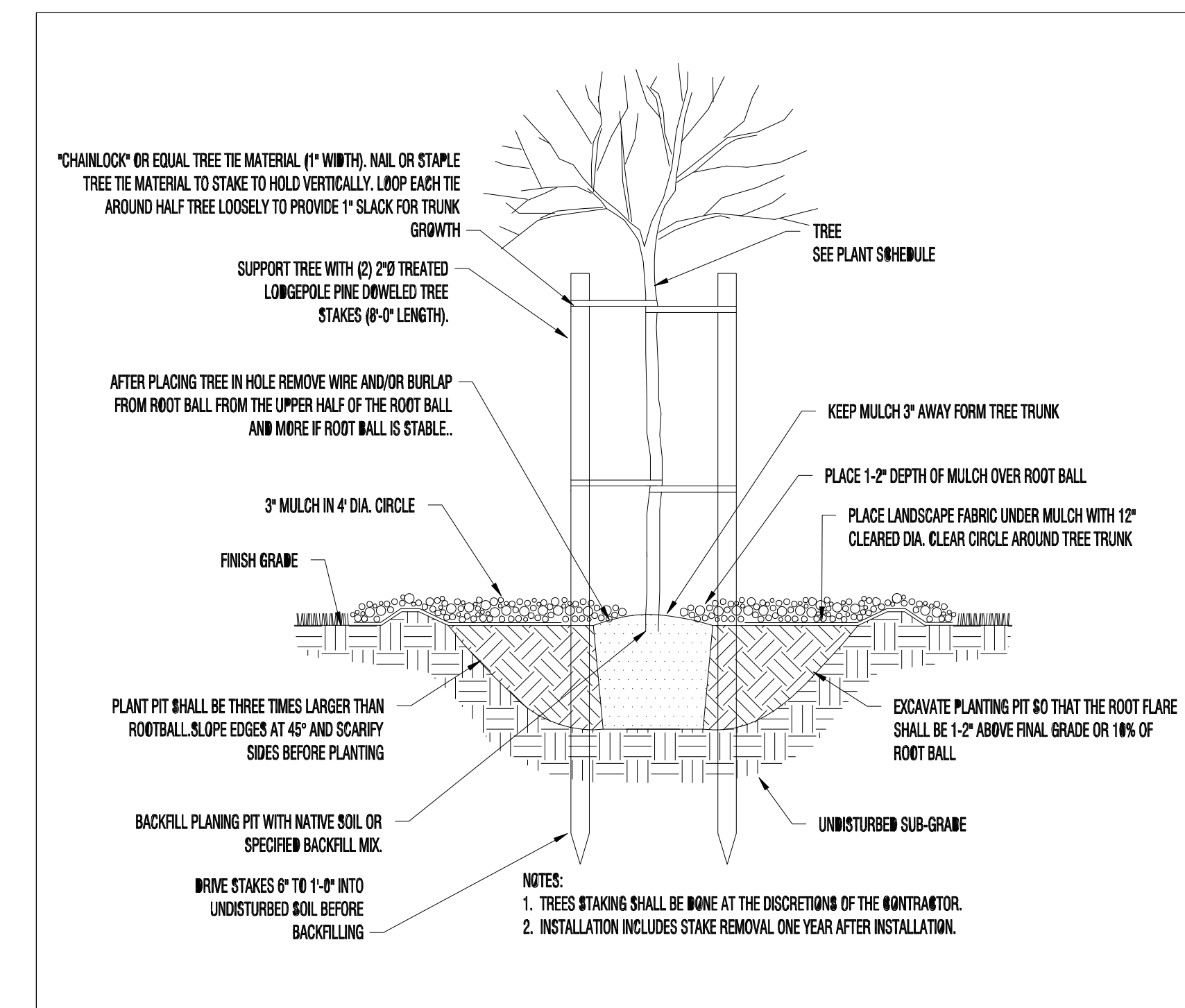
TREES



HAWTHORN



MAPLE



PLANTS



REVISION TABLE	
NUMBER	DATE / REVISION BY / DESCRIPTION

LANDSCAPE PLAN



DATE:

8/6/2024

SCALE:

1/2" = 8'

SHEET:

P-1

STRUCTURAL SPECIFICATIONS

BASIS OF DESIGN

- 1. GOVERNING BUILDING CODE: 2021 IBC
2. GRAVITY LOADING
A. GENERAL ROOF... 40 PSF SNOW LOAD (ROOF)
20 PSF DEAD LOAD
B. FLOOR.... 50 PSF LIVE LOAD (OFFICE)
125 PSF LIVE LOAD (LIGHT MANUFACTURING)
3. EARTHQUAKE
SEE STEEL BUILDING PLANS
4. WIND
SEE STEEL BUILDING PLANS
5. FOOTING AND FOUNDATION
A. ALLOWABLE SOIL BEARING PRESSURE, 1500 PSF (OVER AT LEAST 6" OF PIT RUN OVER WOVEN FABRIC PER GEOTECH REPORT).
B. FROST DEPTH =30"
C. SEE SOIL AND FOUNDATION REPORT FOR NEW COMMERCIAL BUILDING 2060 N 600 W, LOGAN UTAH BY CACHE LANDMARK DATED NOVEMBER 25, 2019.

MISCELLANEOUS

- 1. ELEVATIONS REFERENCE MAIN FLOOR ELEVATION 100'-0" = (SEE SITE PLAN) ABOVE SEA LEVEL.
2. COORDINATE OPENINGS AND EMBEDDED ITEMS NOTED ON ALL CONSTRUCTION DOCUMENTS WITH APPROPRIATE TRADES.
3. BEFORE FABRICATION, HAVE SHOP DRAWINGS REVIEWED BY ARCHITECT AND/OR ENGINEER.
4. TEMPORARILY BRACE THE STRUCTURE TO RESIST ALL LOADS OR COMBINATIONS OF LOADS UNTIL ALL PERMANENT ELEMENTS ARE IN PLACE AND ALL CONNECTIONS ARE COMPLETE.
H. ABBREVIATIONS LIST - THIS IS A STANDARD LIST. SOME OF THE LISTED ABBREVIATIONS MAY NOT APPEAR IN THE DRAWINGS FOR THIS PROJECT.

- ADH ADHESIVE SPA SPACE/SPACES
ANC ANCHOR STD STANDARD
ARCH ARCHITECTURE STIFF STIFFENER
ALT ALTERNATE T&G TONGUE AND GROOVE
BLDG BUILDING TOC TOP OF CONCRETE
BM BEAM TOS TOP OF STEEL BEAM
BOT BOTTOM TRANS TRANSVERSE
BRG BEARING VERT VERTICAL
BTWN BETWEEN W/ WITHR
CL CENTERLINE W/O WITHOUT
CLR CLEAR
CMU CONCRETE MASONRY UNIT
COL COLUMN
CONC CONCRETE
CONN CONNECTION/CONNECTOR
CONSTR JT CONSTRUCTION JOINT
CONT CONTINUE/CONTINUOUS
CONTR JT CONTRACTION JOINT
DBA DEFORMED BAR ANCHOR
DBL DOUBLE
EA EACH
ELE ELEVATION
EW EACH WAY
EXIST EXISTING
EXP EXPANSION FDN FOUNDATION
FTG FOOTING
GLB GLULAM BEAM
HCA HEADED CONCRETE ANCHOR
HDR HEADER
HORZ HORIZONTAL
ISOL JT ISOLATION JOINT
LONG LONGITUDINAL
LSL LAMINATED STRAND LUMBER
LVL LAMINATED VENER LUMBER
NFS NON-FROST SUSCEPTIBLE
NIC NOT IN CONTRACT
OC ON CENTER
OSB ORIENTED STRAND BOARD
PAR PARALLEL
PERP PERPENDICULAR
PSL PARALLEL STRAND LUMBER
PT PRESSURE TREATED
REINF REINFORCEMENT/REINFORCING
REQ REQUIRED
SPA SPACE/SPACES

CONCRETE AND REINFORCING

- 1. ALL CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRESS AS FOLLOWS:
A. FOOTING AND FOUNDATIONS... 3000 PSI
B. INTERIOR AND EXTERIOR SLABS... 4000 PSI
2. CONCRETE SHALL CONTAIN ENTRAINED AIR (6% +/- 1.5%) FOR EXTERIOR SLABS AND FOOTINGS.
3. PROTECT CONCRETE IN HOT WEATHER AS PER ACI 306 AND COLD WEATHER AS PER ACI 305.
4. SLABS: LARGE AREAS OF SLAB ON GRADE SHALL BE PLACED IN CHECKERBOARD FASHION AND SIZE SHALL NOT EXCEED 30 FEET IN ANY DIRECTION. CONSTRUCTION JOINTS NOT SHOWN ON THE PLANS SHALL BE MADE IN SUCH A WAY THAT THE APPEARANCE AND STRENGTH OF THE SLAB IS NOT IMPAIRED. JOINTS IN THE SLABS MAY BE TOOL-MADE, SAW-CUT, OR ZIP-STRIP TYPES. JOINTS SHALL BE EVENLY SPACED, NOT FURTHER APART THAN 12 FEET FOR 4" SLABS, AND 15 FEET FOR 5 AND 6" SLABS.
5. SLABS ON GRADE: REINFORCING STEEL SHALL BE ADEQUATELY SUPPORTED ON PRECAST CONCRETE UNITS, TO KEEP THE REINFORCING THE MINIMUM HEIGHT SPECIFIED ABOVE THE GRADE. LIFTING THE REINFORCING OFF THE GRADE DURING PLACEMENT OF THE CONCRETE WILL NOT BE PERMITTED. CRACK CONTROL BARS (2#4 X 5' LONG, TYPICALLY) SHALL BE PLACED IN THE SLAB AT ANY INTRUSION OR OPENING WHICH MAY ENCOURAGE CRACKING. 6 MIL VAPOR BARRIER IS DESIRABLE UNDER THE INTERIOR FLOOR SLABS.
6. ALL SLEEVES NOT SPECIFICALLY SHOWN ON THE DRAWING SHALL BE LOCATED BY THE TRADES INVOLVED AND SHALL BE APPROVED BY THE ARCHITECT.
7. ALL CONCRETE SHALL BE PROPERLY VIBRATED IN PLACE.
8. FORMS: FORMS OR SHORING SHALL NOT BE REMOVED UNTIL CONCRETE HAS ACQUIRED SUFFICIENT STRENGTH TO SUPPORT SAFELY ITS OWN WEIGHT AND ANY LOAD TO WHICH IT MAY BE SUBJECTED BUT IN NO CASE SHALL THEY BE REMOVED SOONER THAN 24 HOURS AFTER THE CONCRETE IS PLACED.
9. REINFORCING SHALL HAVE A MINIMUM CONCRETE COVERAGE AS FOLLOWS:
A. CAST AGAINST AND PERMANENTLY EXPOSED TO THE EARTH... 3"
B. EXPOSED TO EARTH OR WEATHER 6# AND LARGER... 2"
5# AND SMALLER... 1-1/2"
C. NOT EXPOSED TO EARTH OR WEATHER SLABS, JOISTS, WALLS, #11 AND SMALLER... 3/4"
COLUMNS, BEAMS: MAIN REINFORCING OR TIES... 1-1/2"
D. SLABS ON GRADE PLACE REINFORCING AT THE CENTER OF SLAB.
10. UNLESS OTHERWISE NOTED ON THE DRAWINGS, WALL REINFORCING SHALL BE AS FOLLOWS:
WALL THICKNESS HORIZONTAL REINF VERTICAL REINF.
SEE CONCRETE WALL SCHEDULE
REINFORCING SHALL BE PLACED AT THE CENTER OF THE WALLS. (EXCEPT FOR WALLS THICKER THAN 10" AND WHERE SHOWN OTHERWISE.) WALLS THICKER THAN 10" SHALL HAVE TWO CURTAINS OF REINFORCING PLACED NEAR EACH FACE OF THE WALL.
11. ALL REINFORCING STEEL SHALL BE OF NEW STOCK DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 60 UNLESS OTHERWISE NOTED.
12. PLACEMENT OF REINFORCING SHALL BE IN ACCORDANCE WITH ACI 315 AND ACI 318.
13. UNLESS OTHERWISE NOTED ALL REINFORCING SHOWN CONTINUOUS SHALL BE LAPPED 48 BAR DIAMETERS. ALL REBAR SPLICES SHALL BE MADE AWAY FROM LOCATIONS OF MAXIMUM STRESS.
14. ALL VERTICAL REINFORCING SHALL BE DOWELED TO FOOTINGS OR TO THE STRUCTURE BELOW. DOWELS SHALL BE THE SAME SIZE AND AT THE SAME SPACING AS THE VERTICAL SPACING AS THE VERTICAL REINFORCING SCHEDULED FOR THE ELEMENT ABOVE. LAP SPLICE LENGTHS SHALL BE AS NOTED ABOVE OR AS SHOWN ON THE DRAWINGS. DOWELS ENDING INTO THE FOOTINGS SHALL TERMINATE WITH A STANDARD 90 DEGREE ACI HOOK AND SHALL EXTEND TO WITHIN 4" OF THE BOTTOM OF THE FOOTING.
15. FIELD BENDING: REINFORCING STEEL SHALL NOT BE BENT OR STRAIGHTENED IN A MANNER WHICH WILL BE INJURIOUS TO THE CONCRETE OR REINFORCING STEEL.
16. DO NOT WELD REINFORCING UNLESS NOTED ON THE PLANS. WHERE WELDING REINFORCING IS CALLED OUT ON THE PLAN, USE ASTM A-706 REINFORCING BARS OR REFER TO UBC STANDARD 19-2.
17. ALL DOWELS FROM FOOTINGS SHALL HAVE AT LEAST 48 BAR DIAMETER EMBEDMENT INTO THE WALL IT IS SUPPORTING.
18. PROVIDE CORNER BARS AT ALL INTERSECTING CORNERS. USE SAME SIZE BAR AND SPACING AS HORIZONTAL WALL REINFORCING.
19. ADD 2 - #5 BARS AROUND ALL OPENINGS (UNLESS OTHERWISE NOTED) AND EXTEND 24" BEYOND CORNER OF OPENINGS.
20. PROVIDE 2 #5 X 4'-0" DIAGONAL BARS AT THE CORNER OF ALL OPENINGS. DIAGONAL BARS SHALL BE CENTERED ON THE CORNER OF THE OPENING.
21. GROUT UNDER STEEL BASE PLATES SHALL BE NON-SHRINK NON METALLIC WITH A COMPRESSIVE STRENGTH (f'c) OF 4000 PSI AT 28 DAYS. GROUT SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATIONS.

SPECIAL INSPECTIONS AS REQUIRED BY IBC SECTION 1704

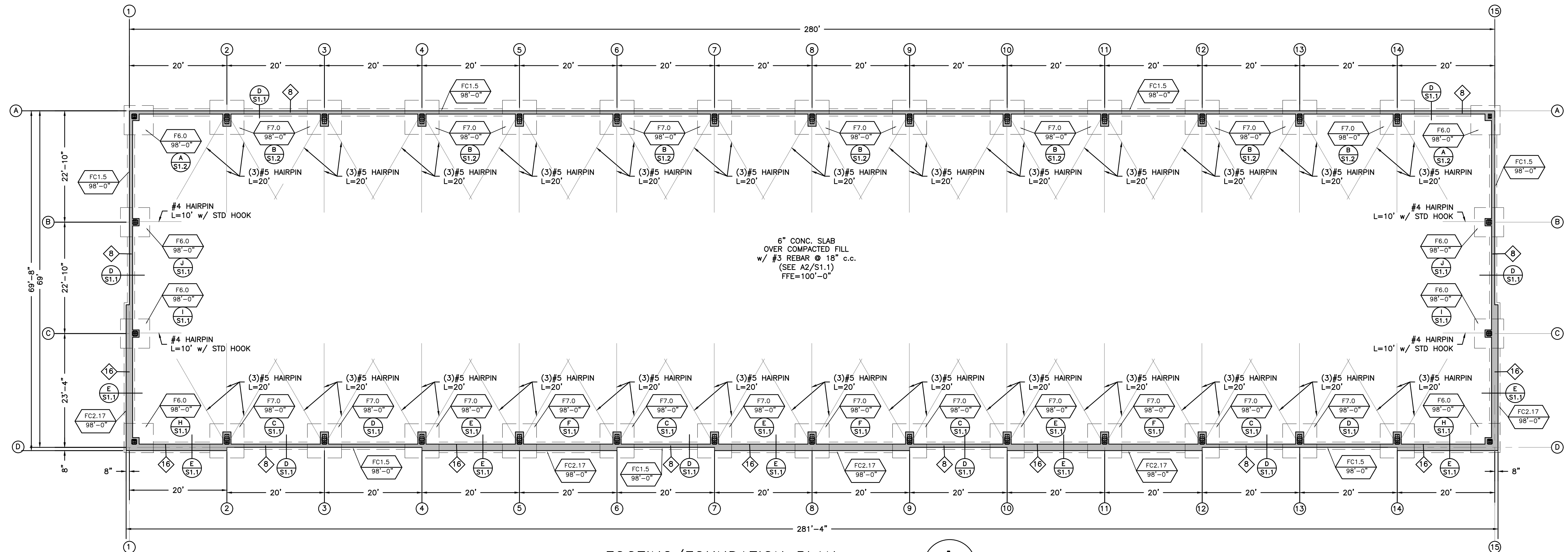
- 1. Special inspections and structural testing shall be provided by an independent agency employed by the Owner for the items identified in this section and in other areas of the approved construction plans and specifications, unless waived by the Building Official (see IBC Chapter 17).
2. The names and credentials of the Special Inspectors to be used shall be submitted to the Building Official for approval.
3. Duties of the Special Inspector:
a. The Special Inspector shall review all work listed below for conformance with the approved construction plans and specifications and the 2021 IBC.
b. The Special Inspector shall furnish special inspection reports to the EOR, Contractor, Owner and Building Official on a weekly basis, or more frequently as required by the Building Official. All items not in compliance shall be brought to the immediate attention of the Contractor for correction, and if uncorrected, to the EOR and the Building Official.
c. Once corrections have been made by the Contractor, the Special Inspector shall submit a final signed report to the Building Official stating that the work requiring special inspection was, to the best of the Special Inspector's knowledge, in conformance with the approved construction plans and specifications as well as the applicable workmanship provisions of the 2021 IBC.
4. Duties and responsibilities of the Contractor:
a. The Contractor shall submit a written statement of responsibility to the Owner and the Building Official prior to the commencement of work. In accordance with IBC 1704.4, the statement of responsibility shall contain acknowledgement of the special inspection requirements contained within this "Statement of Special Inspections".
b. The Contractor shall notify the responsible Special Inspector that work is ready for inspection at least one working day (24 hours minimum) before such inspection is required.
c. All work requiring special inspection shall remain accessible and exposed until it has been observed by the Special Inspector.
5. Please see the "Special Inspection Schedule" for the types, extents and frequency of specific items requiring special inspections and structural tests as part of this project.

SPECIAL INSPECTION SCHEDULE

Table with 4 columns: ITEMS REQUIRING SPECIAL INSPECTION, CONTINUOUS, PERIODIC, COMMENTS. Rows include FABRICATORS (IBC 1704.2.5), SOILS (IBC 1705.6), and CONCRETE CONSTRUCTION (IBC 1705.3).

STRUCTURAL SPECIFICATIONS

Project title: CCN HOLDINGS/600 WEST BUILDING LOGAN, UTAH. Alliance Consulting Engineers logo and contact info. Professional Engineer seal for Brian G. Lyon, No. 275617, dated 8/13/24. Date: AUG, 2024. Drawing No. S0.1.



FOOTING/FOUNDATION PLAN
SCALE: 3/32"=1'

A
S1.0

CONCRETE WALL SCHEDULE					
MARK	THICK	MATERIALS	REINFORCING		SPECIAL INSPECTION
			VERTICAL	HORIZONTAL	
Ⓟ	8"	CONCRETE	#4 @ 16" c.c.	#4 @ 10" c.c.	NO
Ⓛ	16"	CONCRETE	#4 @ 16" c.c. (2 LAYERS)	#4 @ 10" c.c. (2 LAYERS)	NO

CONCRETE FOOTING SCHEDULE												
MARK	DIMENSION		CROSS-WISE REINFORCING				LENGTH-WISE REINFORCING				COMMENTS	
	WIDTH	LENGTH	THICK	NO.	SIZE	LENGTH	SPACE	NO.	SIZE	LENGTH		SPACE
FC1.5	18"	CONT	12"	-	-	-	-	2	#4	CONT	EQUAL	
FC2.17	26"	CONT	12"	-	-	-	-	3	#4	CONT	EQUAL	
F6.0	72"	72"	12"	6	#5	66"	EQUAL	6	#5	66"	EQUAL	
F7.0	84"	84"	12"	6	#5	78"	EQUAL	6	#5	78"	EQUAL	

LAP SPLICE SCHEDULE							
LOCATION	#3	#4	#5	#6	#7	#8	
CONCRETE							
FOUNDATION WALL REINFORCEMENT	-	18"	22"	27"			
FOOTING REINFORCEMENT	-	18"	22"	27"			
SLAB ON GRADE REINFORCEMENT	-	14"	-	-			
MASONRY							
WALL REINFORCEMENT		22"	27"	32"			

FOOTING/FOUNDATION PLAN NOTES

- FOOTINGS ARE TO BE CENTERED UNDER WALLS & COLUMNS UNLESS NOTED OTHERWISE.
- FOOTING AND FOUNDATIONS ARE TO BE PLACED ON NATIVE UNDISTURBED SOILS OR COMPACTED FILL.
- EXTERIOR FOOTINGS ARE TO BE PLACED 30" MIN. BELOW FINISHED GRADE FOR FROST PROTECTION.
- SEE STEEL BUILDING ANCHOR BOLT PLAN FOR BOLT PLACEMENT, NUMBER AND DIAMETER.
- ALL STEEL BUILDING COLUMNS SHALL HAVE ANCHOR BOLTS WITH A MIN. EMBEDMENT OF 12" c.c. AND A F1554 GRADE 55 J-BOLT UNLESS NOTED OTHERWISE.
- THE SLAB ON GRADE IS DESIGNED AS A STRUCTURAL DIAPHRAGM. SPECIAL INSPECTION IS REQUIRED ON THE SLAB ON GRADE.
- ALL FOOTINGS SHOULD BEAR ON AT LEAST 6" OF PIT RUN OVER WOVEN FABRIC. (SEE GEOTECHNICAL REPORT)
- FOOTINGS WERE DESIGNED FROM PRELIMINARY REACTIONS FROM THE STEEL BUILDING MANUFACTURER. CONTRACTOR TO SUPPLY STRUCTURAL ENGINEER WITH FINAL STEEL BUILDING PLANS AND REACTIONS PRIOR TO CONSTRUCTION FOR ANY REVISIONS REQUIRED.

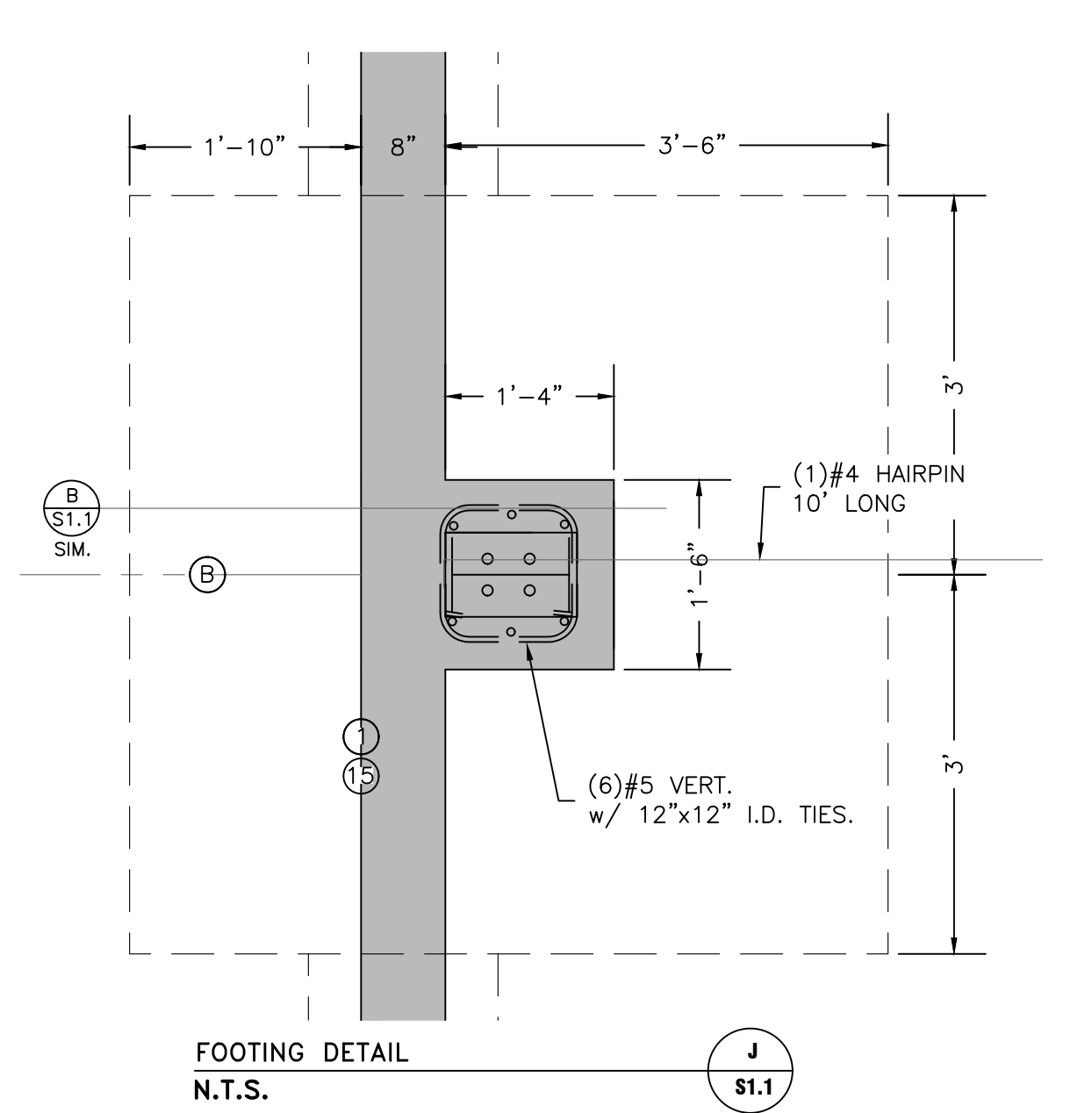
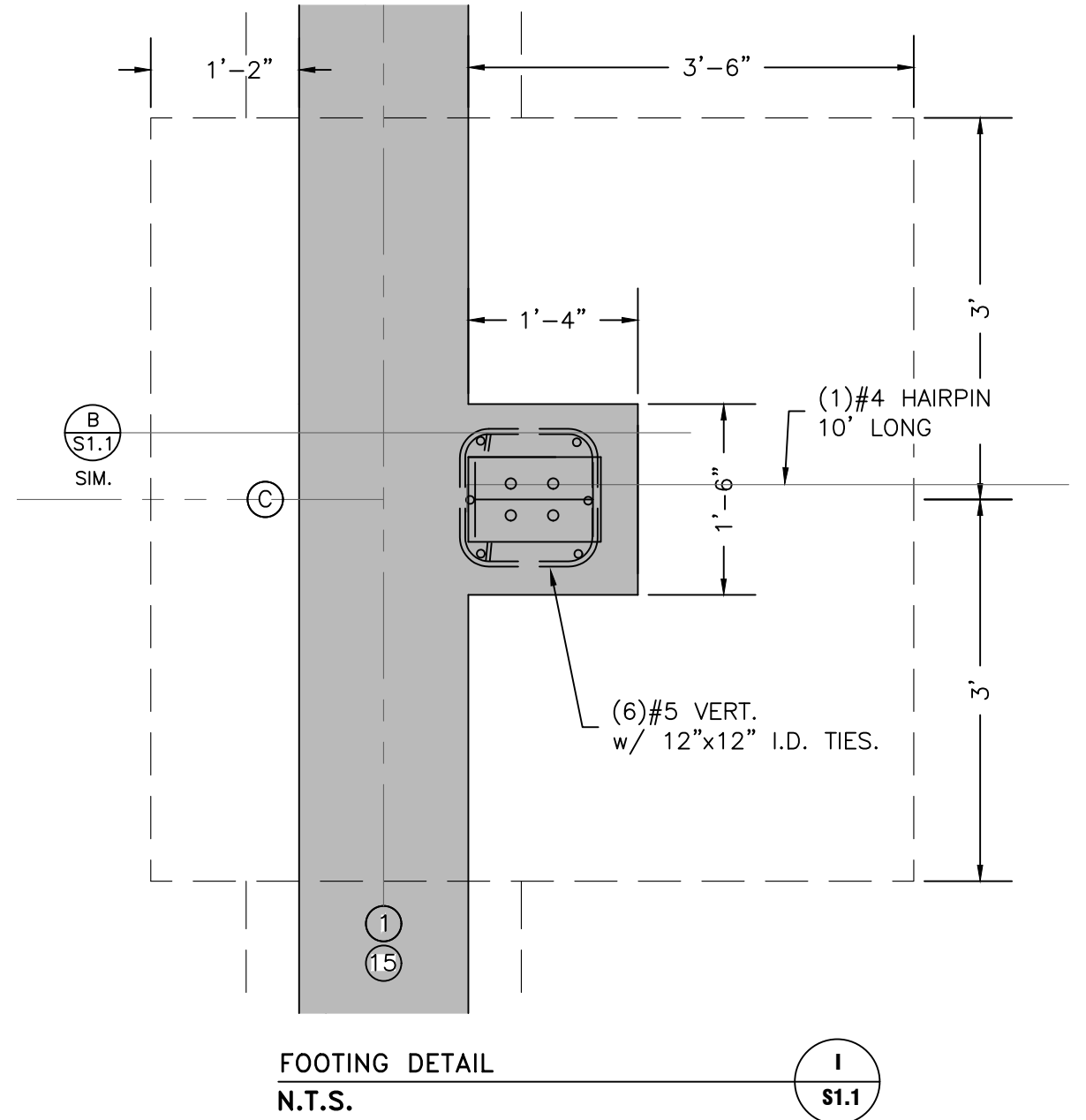
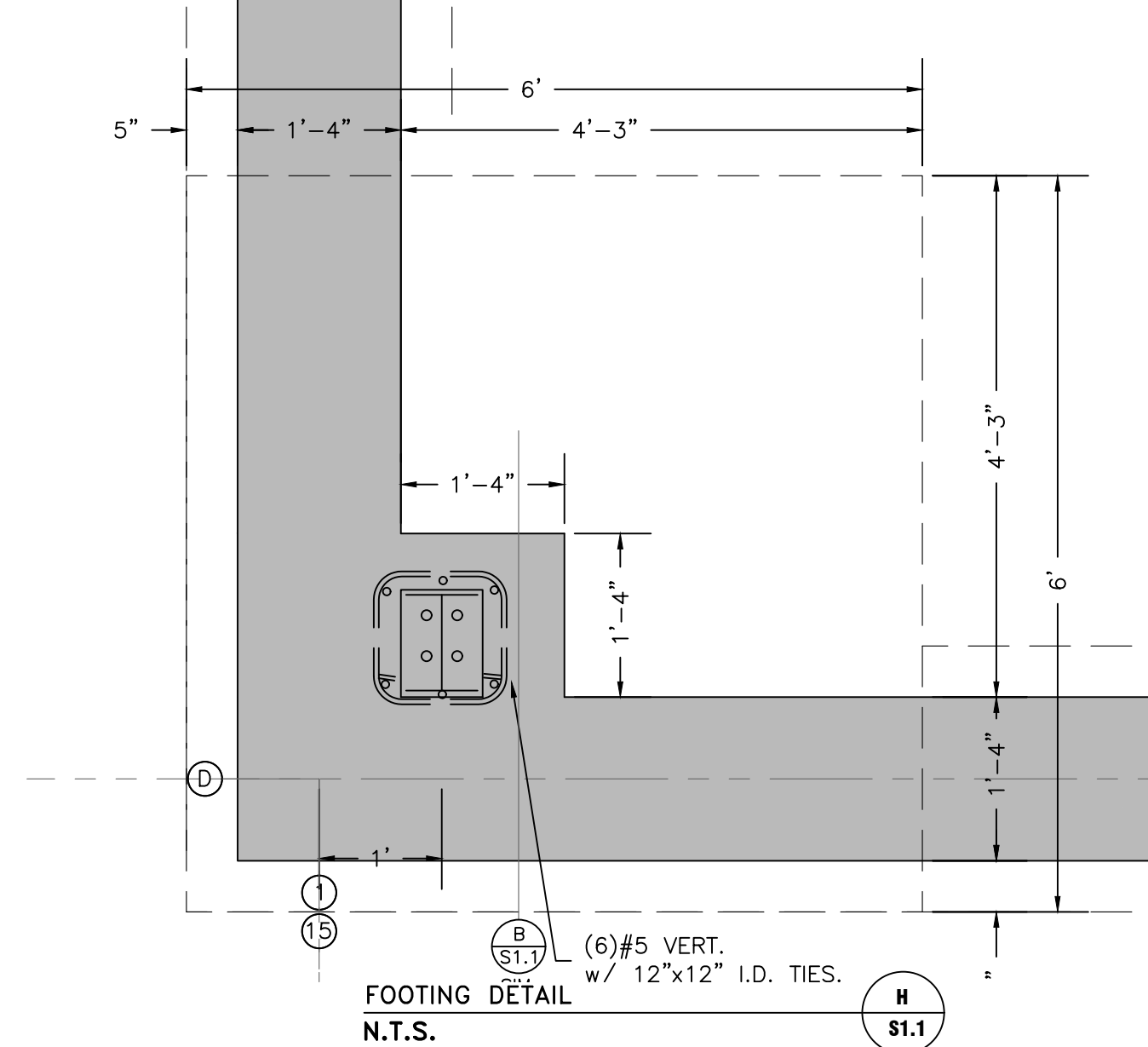
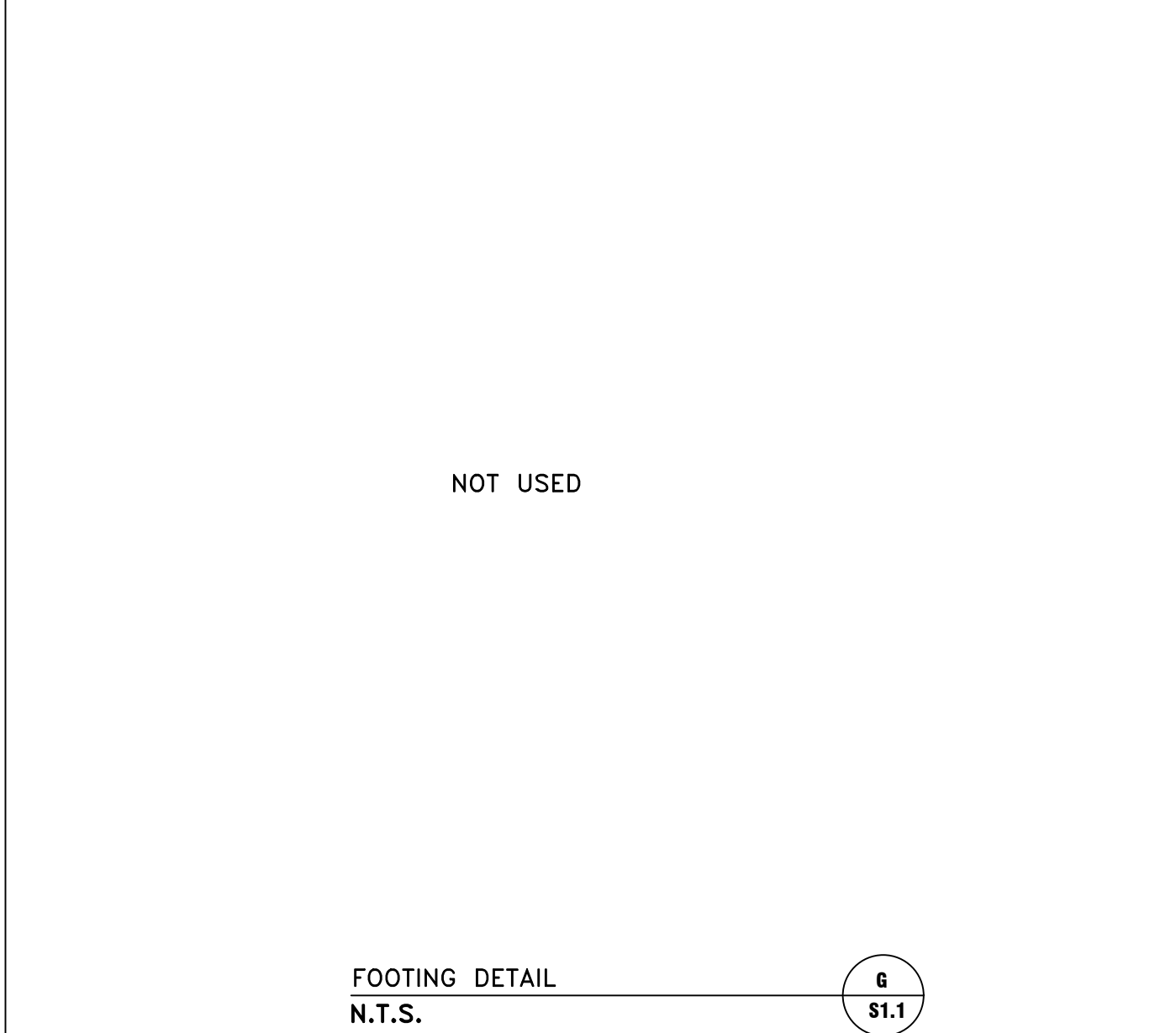
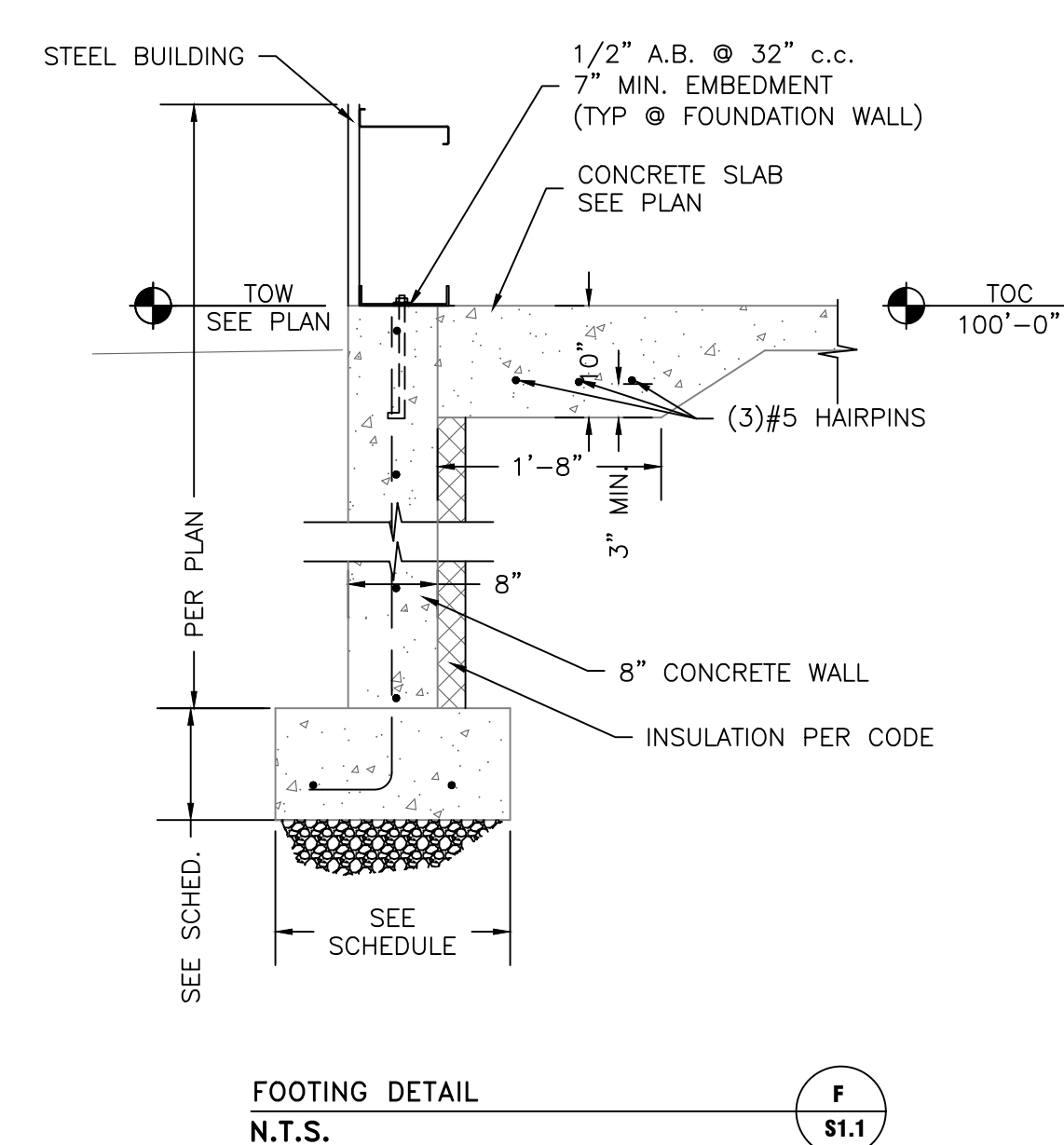
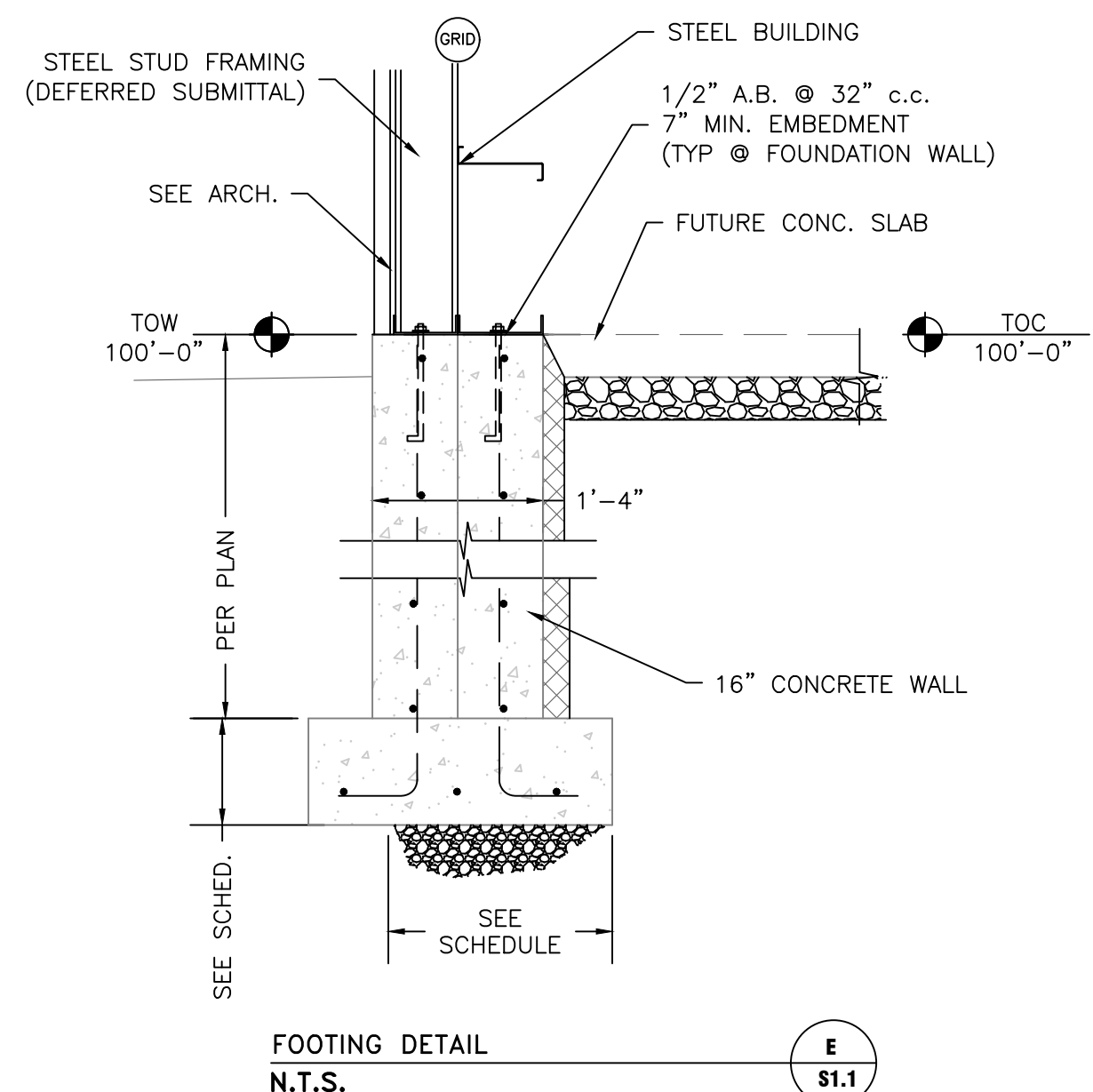
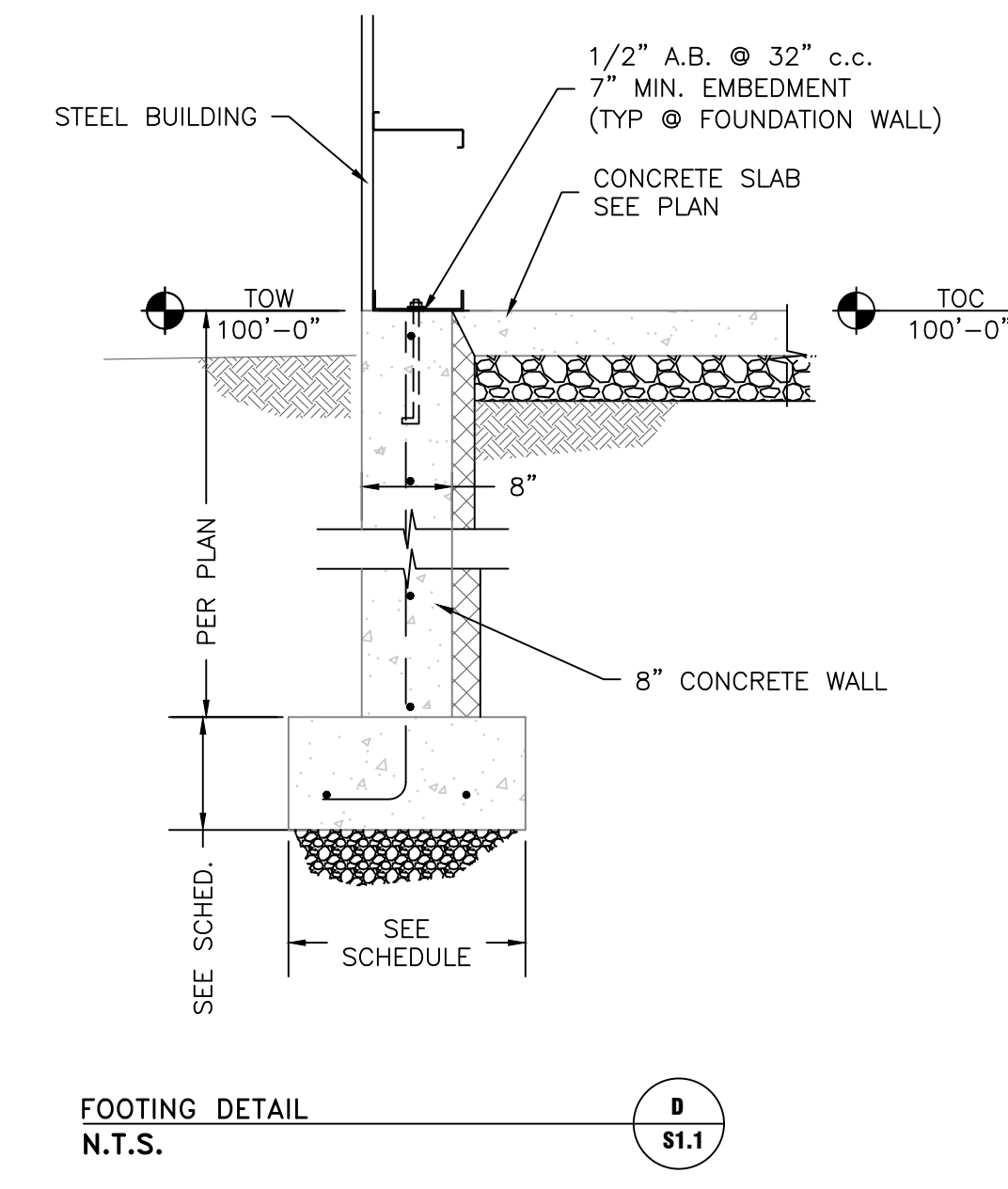
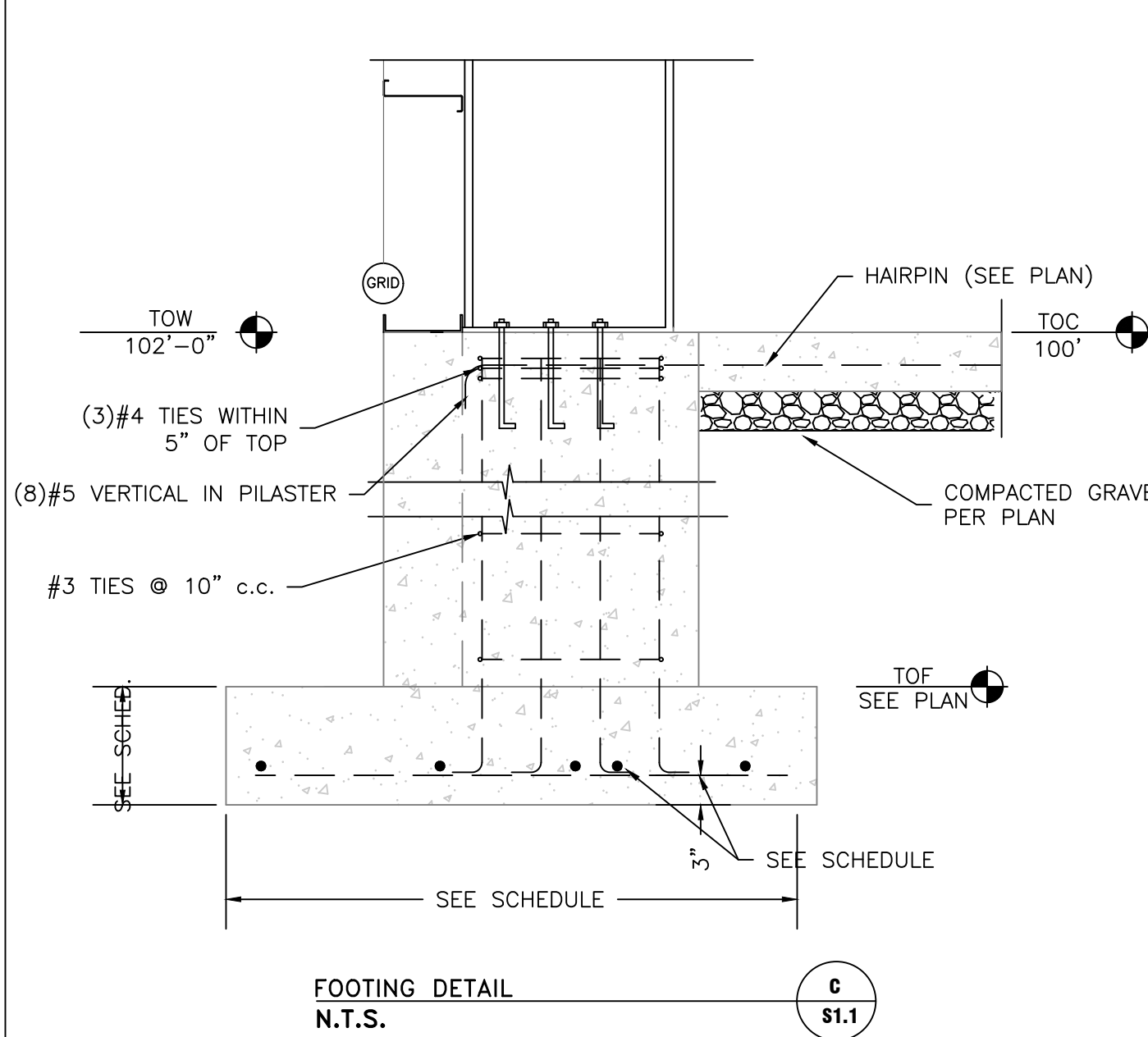
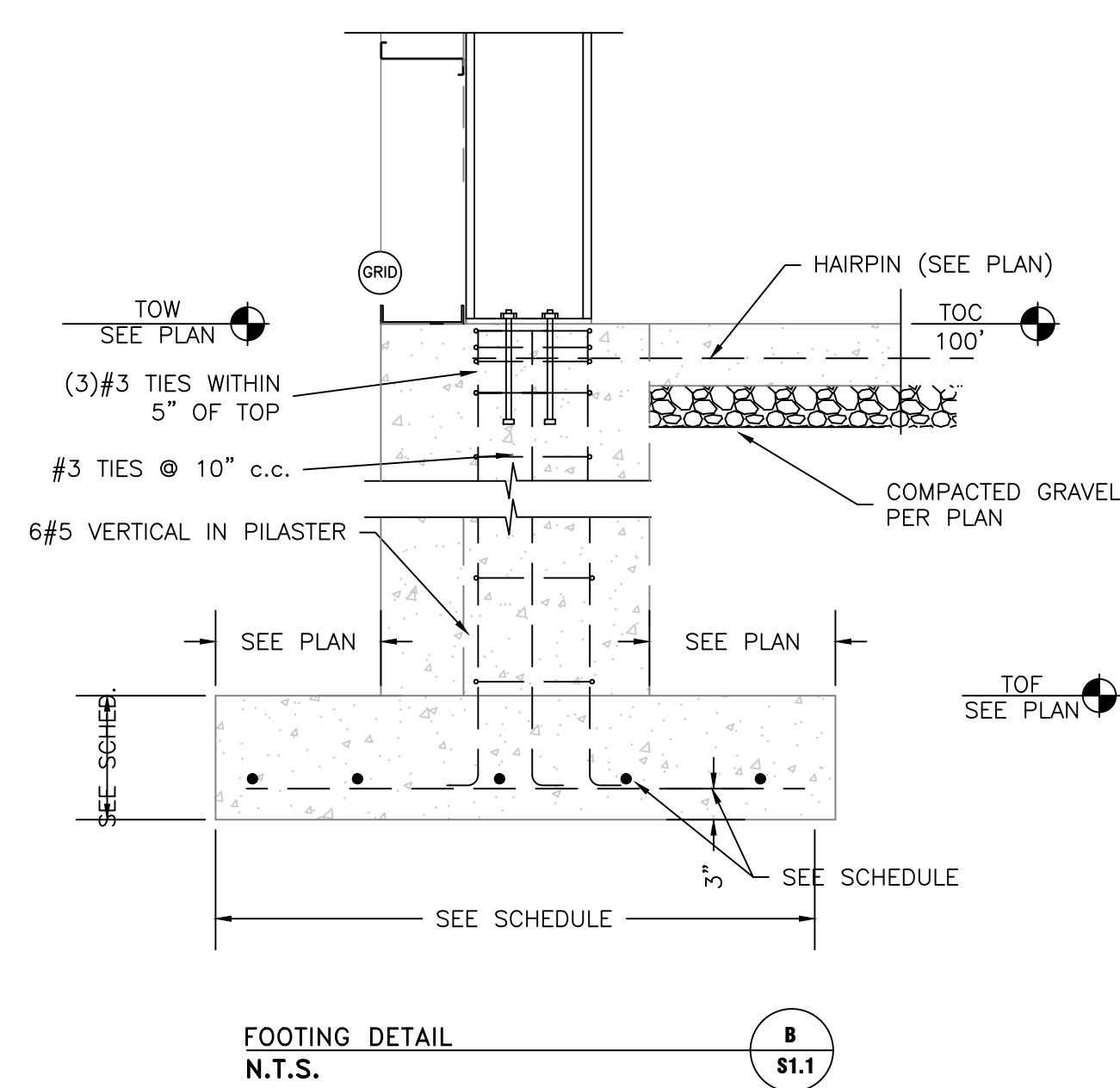
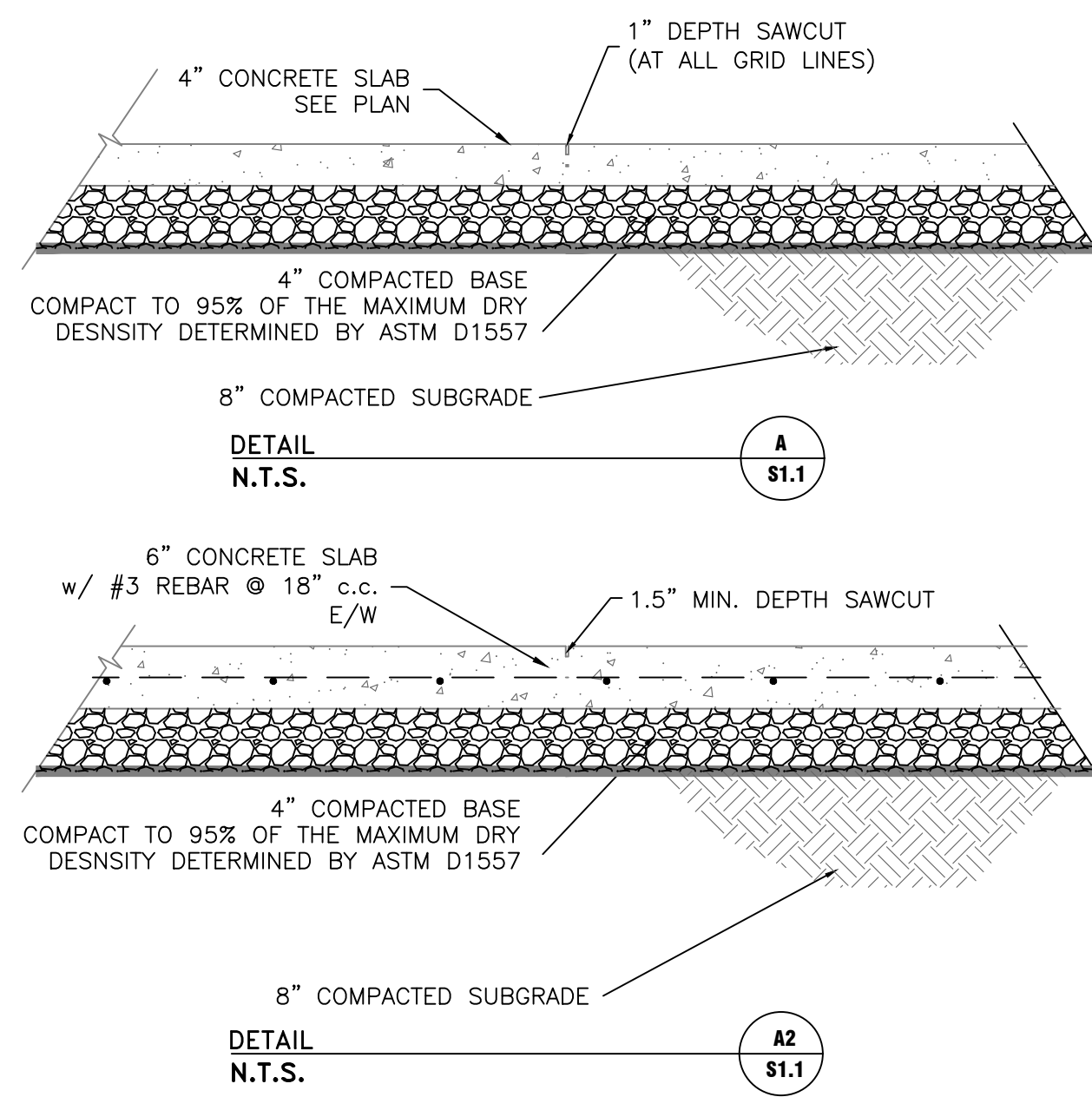
PROJECT TITLE
CCN HOLDINGS/600 WEST BUILDING LOGAN, UTAH

DRAWING TITLE
FOOTING/FOUNDATION PLAN

ALLIANCE CONSULTING ENGINEERS
150 EAST 200 NORTH SUITE P LOGAN, UTAH 84321 (435)755-5121 alliancelogan@yahoo.com

REGISTERED PROFESSIONAL ENGINEER
NO. 275617
BRIAN G. LYON
8/13/24
STATE OF UTAH

DATE: AUG, 2024
DRAWING No.
S1.0



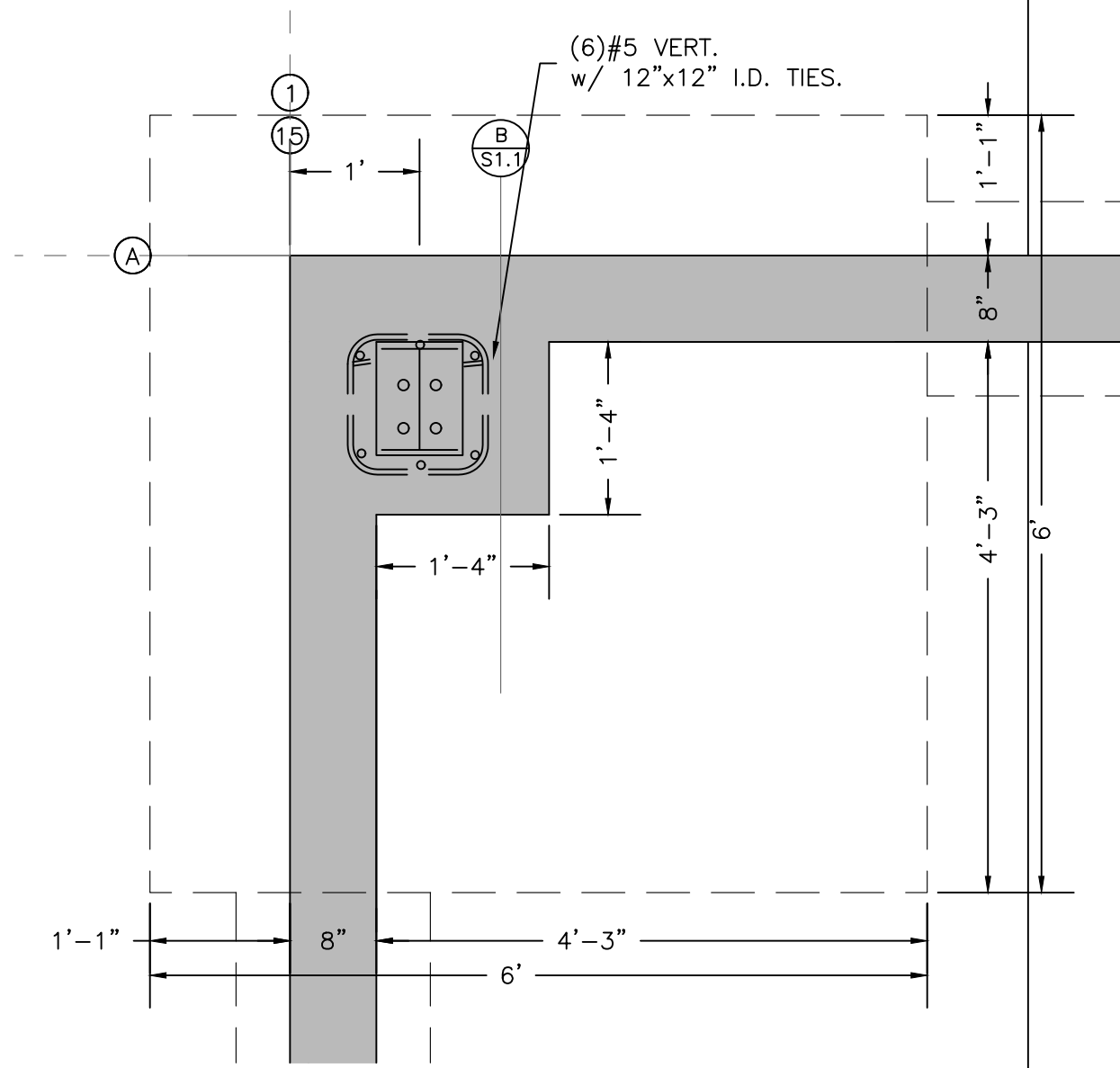
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CCN HOLDINGS/600 WEST BUILDING LOGAN, UTAH

DRAWING TITLE
FOOTING/FOUNDATION DETAILS

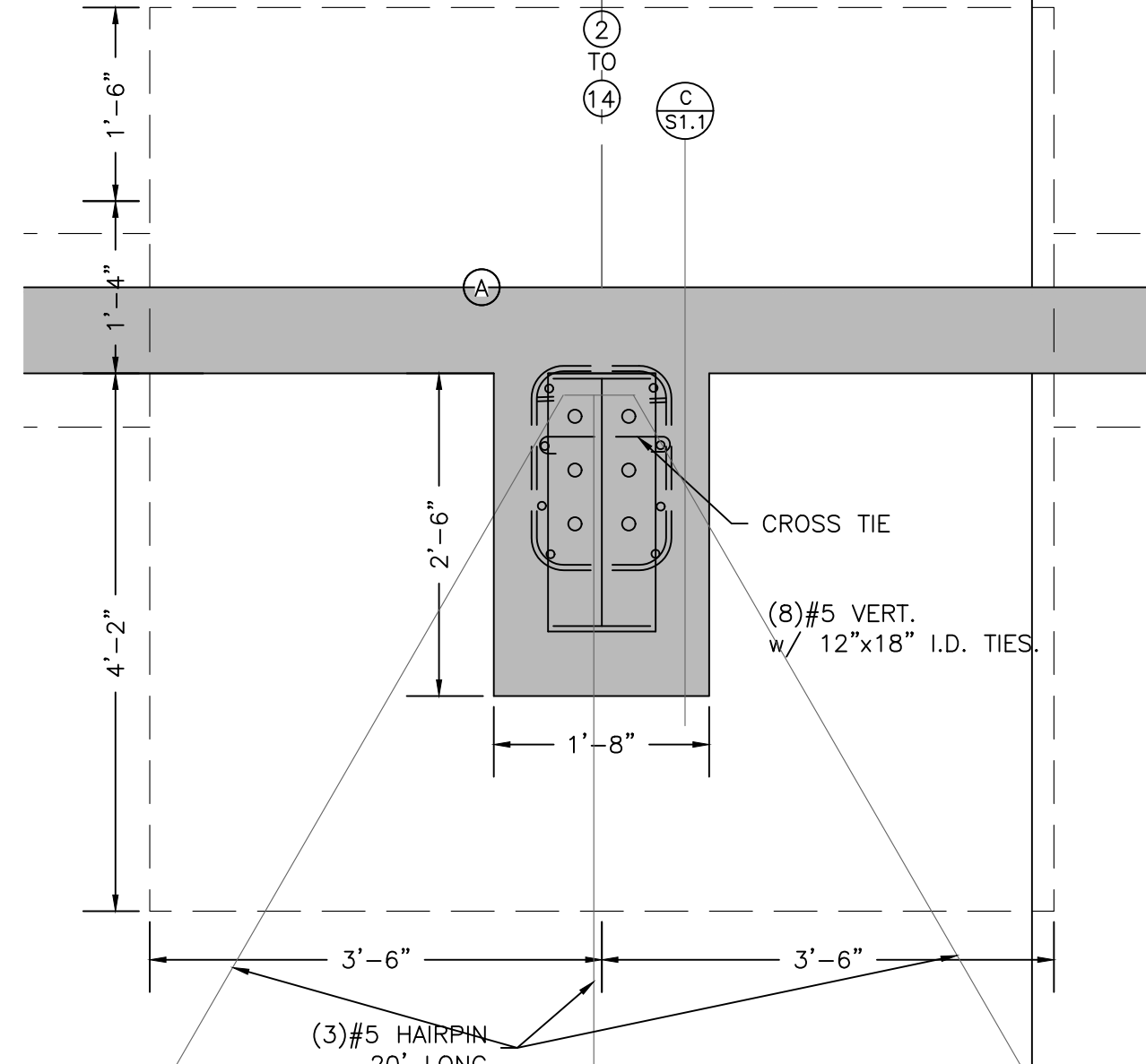
ACE ALLIANCE CONSULTING ENGINEERS
150 EAST 200 NORTH SUITE P LOGAN, UTAH 84321
(435)755-5121
alliancelogan@yahoo.com

SEAL
REGISTERED PROFESSIONAL ENGINEER
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8/13/24
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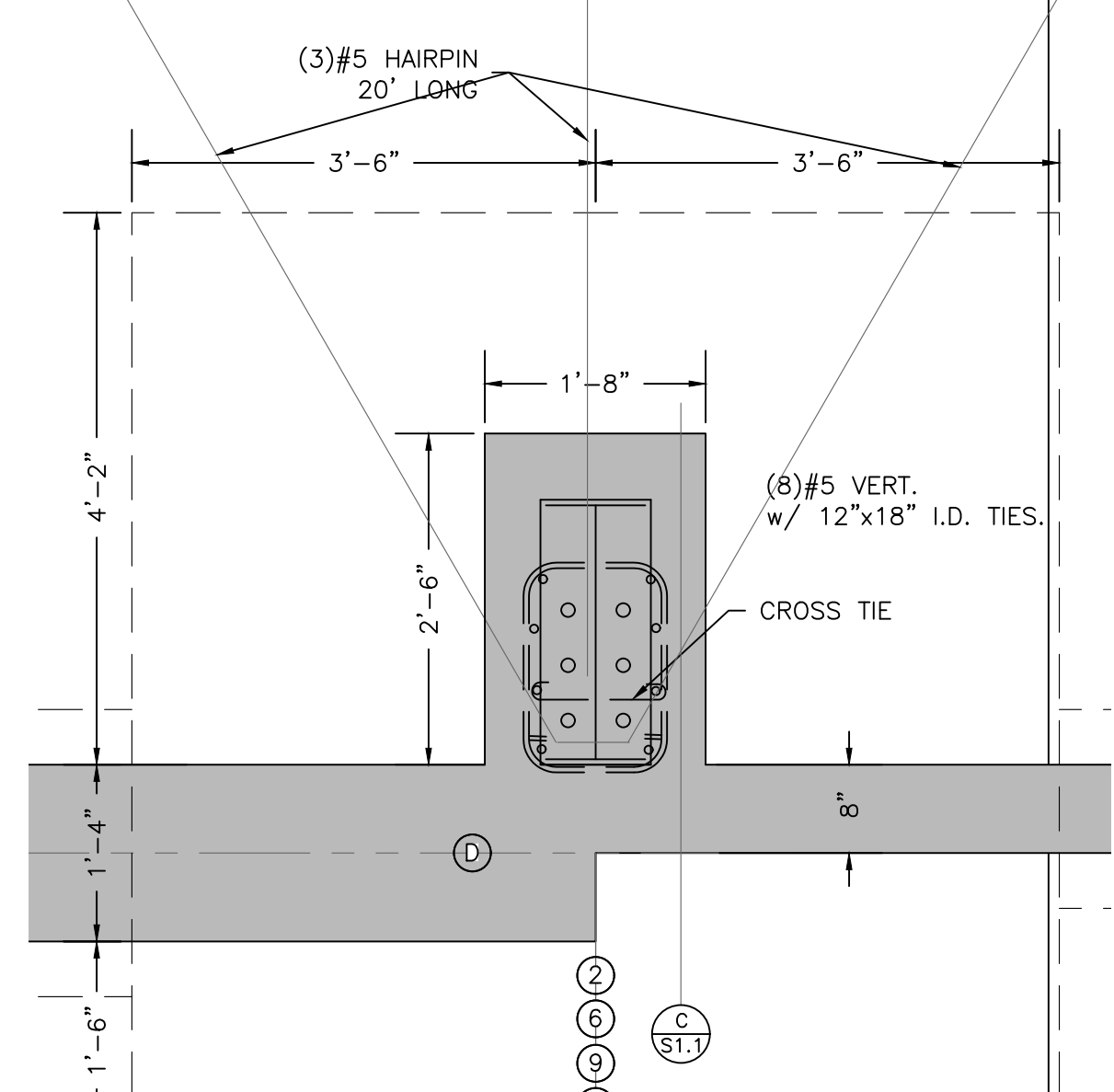
DATE: AUG, 2024
DRAWING No.
S1.1



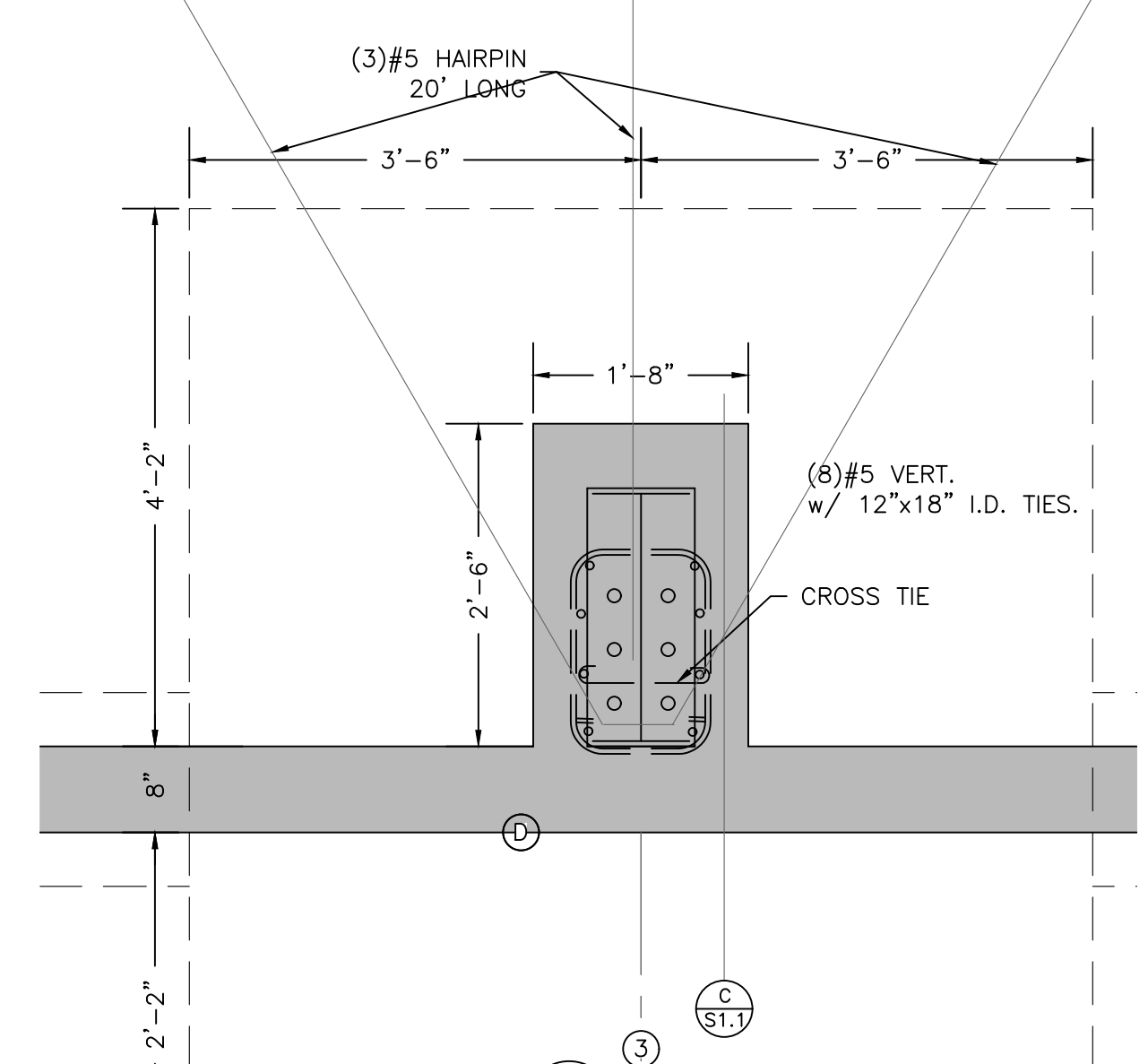
DETAIL
N.T.S. **A**
S1.2



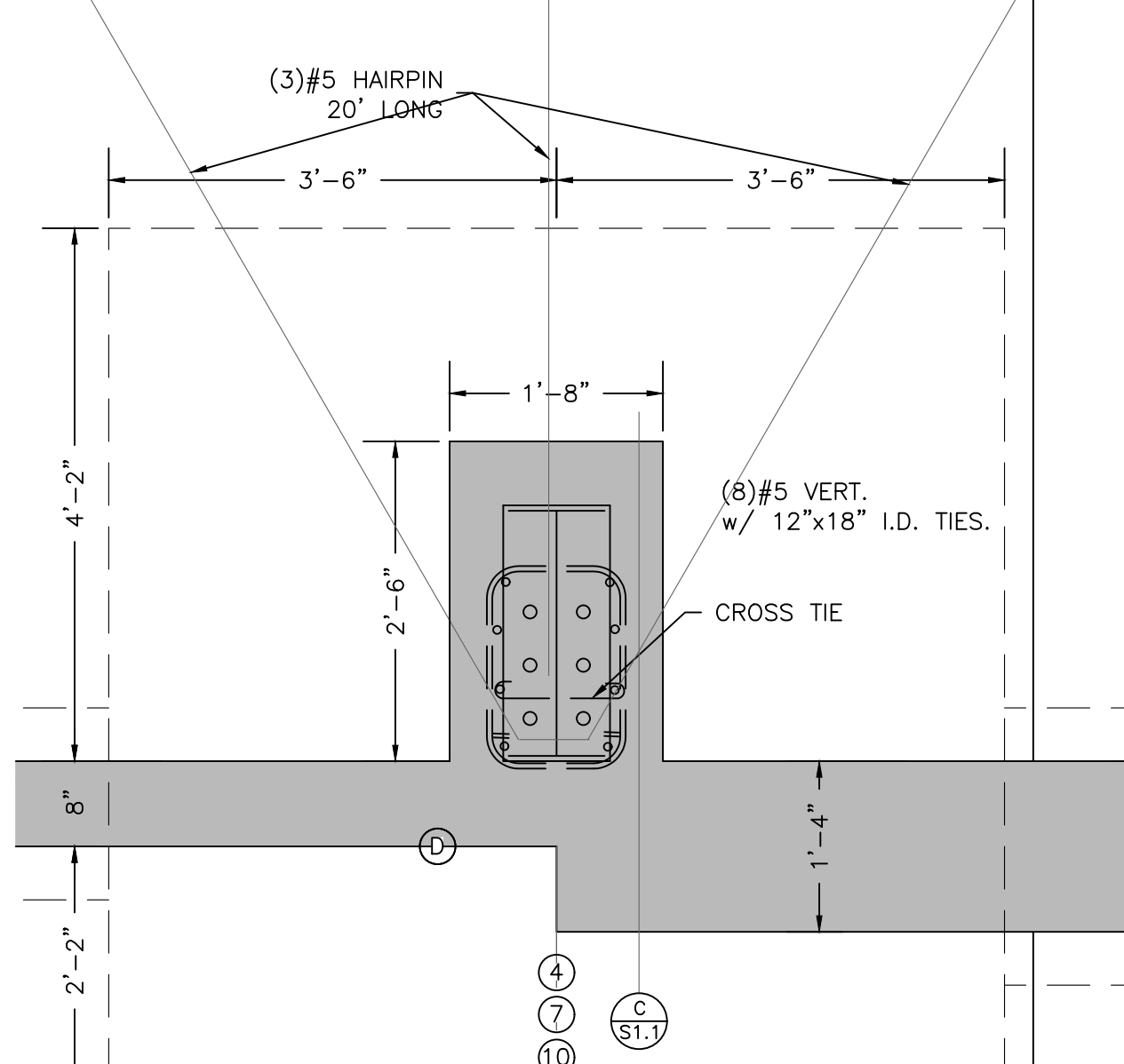
FOOTING DETAIL
N.T.S. **B**
S1.2



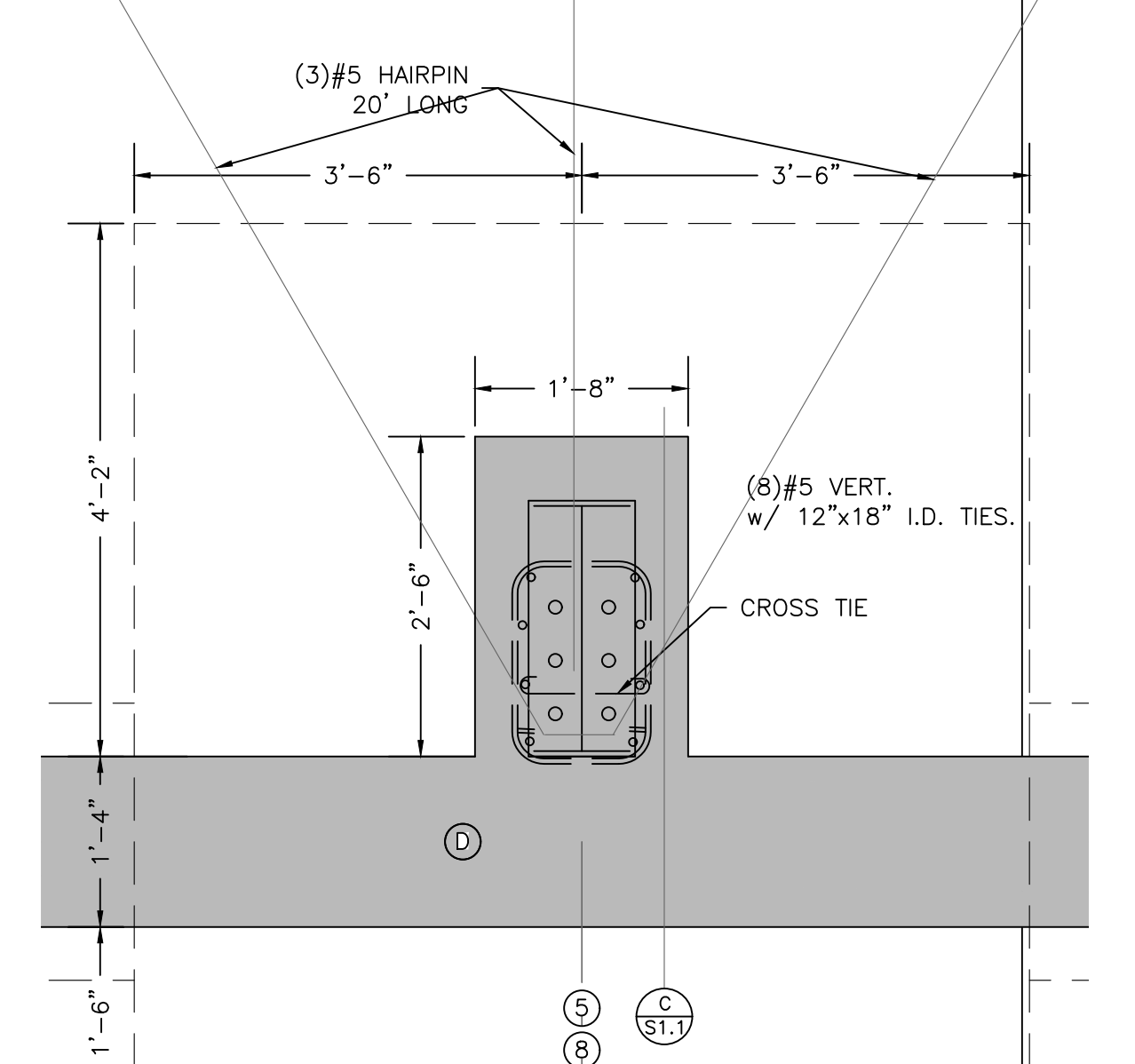
FOOTING DETAIL
N.T.S. **C**
S1.2



FOOTING DETAIL
N.T.S. **D**
S1.2



FOOTING DETAIL
N.T.S. **E**
S1.2

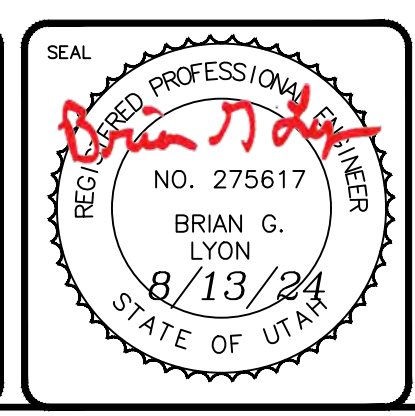


FOOTING DETAIL
N.T.S. **F**
S1.2

PROJECT TITLE
CCN HOLDINGS/600 WEST
BUILDING
LOGAN, UTAH

DRAWING TITLE
FOOTING/FOUNDATION DETAILS

ACE ALLIANCE CONSULTING
ENGINEERS
150 EAST 200 NORTH SUITE P
LOGAN, UTAH 84321
(435)755-5121
allianceclogan@yahoo.com

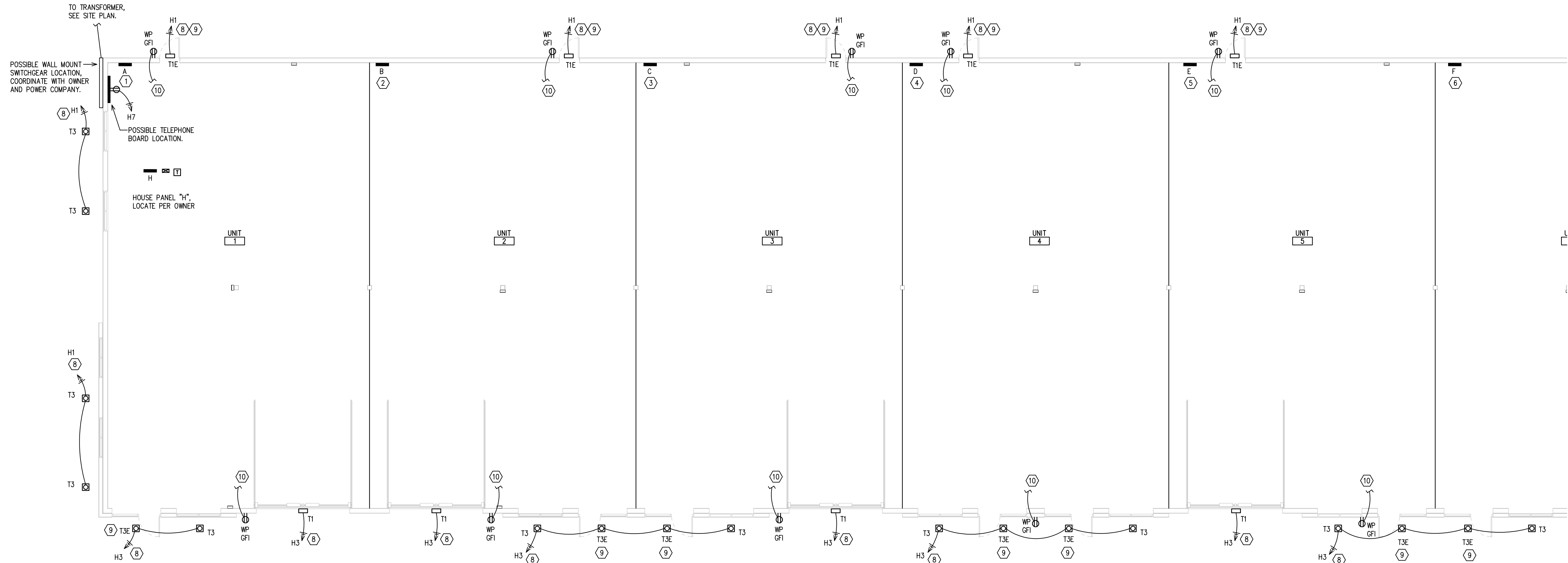
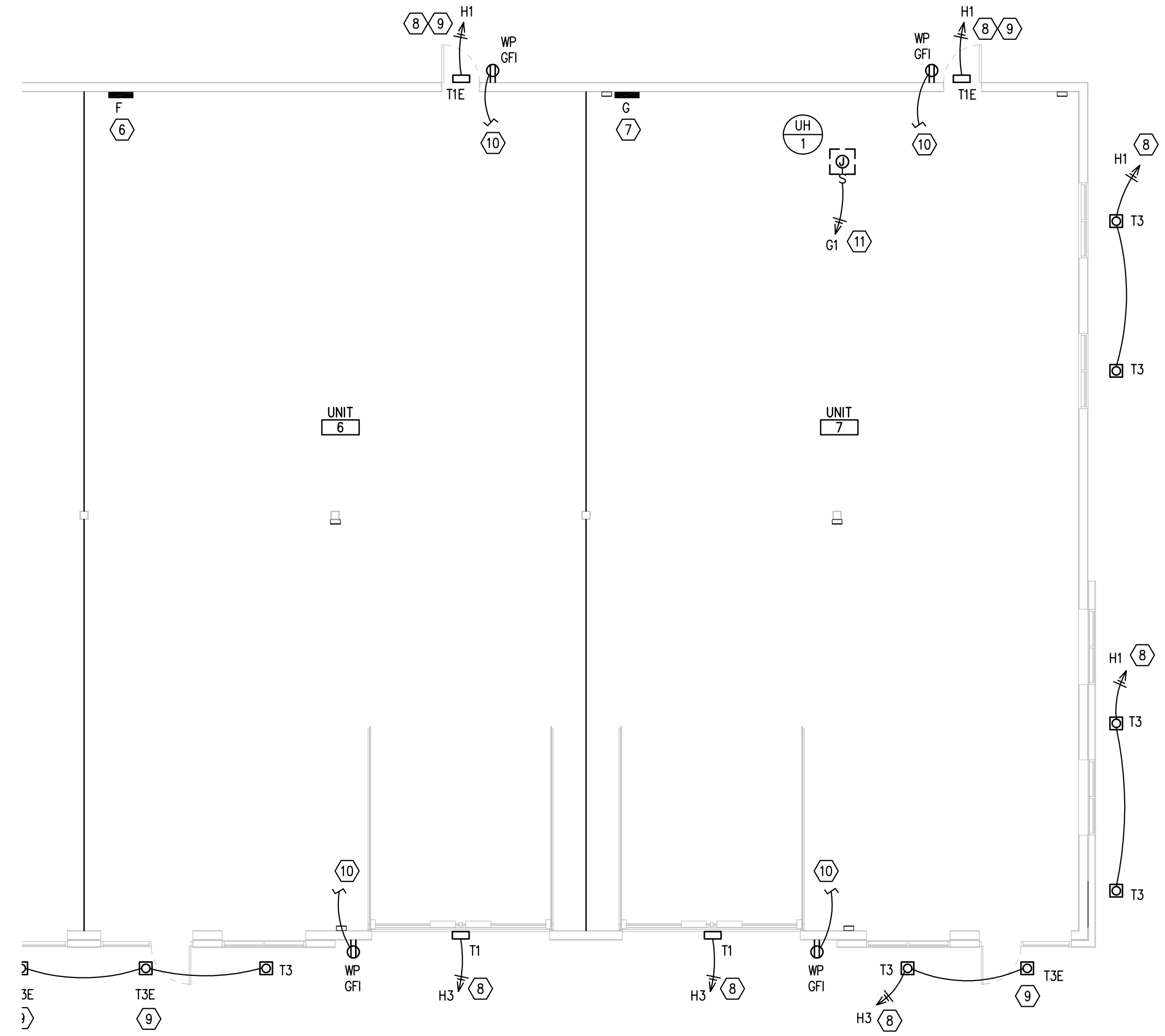


DATE : AUG, 2024
DRAWING No.
S1.2

LIGHT FIXTURE SCHEDULE			
TYPE	MANUFACTURER/CATALOG NO.	MOUNTING	LAMPS
T1	FULL CUTOFF WALLPACK, ~2000 LUMEN	WALL ABOVE DOOR	LED (20W)
T1E	SAME AS T1 WITH 1000 LUMEN REMOTE, INTERIOR, MOUNT EMERGENCY BATTERY PACK	SAME HEIGHT AS T1	LED (20W)
T2	LITHONIA DSX1 LED P3 35K 80CRI T4M MVOLT SPA CBA 20FT. SQUARE HINGE BASED POLE, GOOD FOR 100MPH WINDS PLUS GUSTS	POLE, POLE BASE	LED (102W)
T3	SHALLOW RECESSED LIGHT, ~1500 LUMEN	RECESS	LED (15W)
T3E	SAME AS T3 WITH 1000 LUMEN REMOTE, INTERIOR, MOUNT EMERGENCY BATTERY PACK	RECESS	LED (15W)

KEYED NOTES (F)

- PANEL "A", 200A, 120/208V, 3Ø 4W, 42000AIC, 42 CIRCUIT PANEL.
- PANEL "B", 200A, 120/208V, 3Ø 4W, 22000AIC, 42 CIRCUIT PANEL.
- PANEL "C", 200A, 120/208V, 3Ø 4W, 22000AIC, 42 CIRCUIT PANEL.
- PANEL "D", 200A, 120/208V, 3Ø 4W, 10000AIC, 42 CIRCUIT PANEL.
- PANEL "E", 200A, 120/208V, 3Ø 4W, 22000AIC, 42 CIRCUIT PANEL.
- PANEL "F", 200A, 120/208V, 3Ø 4W, 10000AIC, 42 CIRCUIT PANEL.
- PANEL "G", 200A, 120/208V, 3Ø 4W, 10000AIC, 42 CIRCUIT PANEL.
- RUN OUTDOOR LIGHT CIRCUIT THROUGH SQUARE D CLASS 8903 TYPE LG40 NEMA 1 CONTACTOR ADJACENT TO PANEL. CONTROL THE CONTACTOR BY PHOTOCELL "ON" AND TIME CLOCK "OFF". USE TORK DGLCT00A-NC TIME CLOCK ADJACENT TO CONTACTOR. LOCATE TORK EPC-A PHOTOCELL OUTSIDE OF BUILDING AWAY FROM ANY LIGHT SOURCE OR DIRECT SUNLIGHT. INSTALL MANUAL OVERRIDE TOGGLE 6HR TIME SWITCH ADJACENT TO CONTACTOR. TIME CLOCK MUST RETAIN TIME AND PROGRAM SETTINGS ON LOSS OF POWER FOR AT LEAST 10 HOURS.
- THIS FIXTURE TO HAVE REMOTE, INTERIOR MOUNT, EMERGENCY BATTERY PACK. PULL EXTRA HOT AS REQUIRED.
- STUB 3/4" CONDUIT INSIDE FOR FUTURE CONNECTION TO UNIT PANEL.
- RUN 2#12 CU WIRE PLUS #12 CU GROUND IN MC CABLE TO NEW 20A 1P BREAKER G IN NEW PANEL G. IF RUN TO A DIFFERENT PANEL IT WILL REQUIRE ENGINEERING OF WIRE SIZE FOR VOLTAGE DROP.



BEAZER ENGINEERING INC.
P.O. BOX 652
MILLVILLE, UTAH 84326
C 435.770.8999
david@beazer-engineering.com

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DATE
Aug 5, 2024

PROJECT TITLE
**Kent Merrill / Codie Nelson
6th West Core and Shell
2041 North 600 West
Logan, Utah**

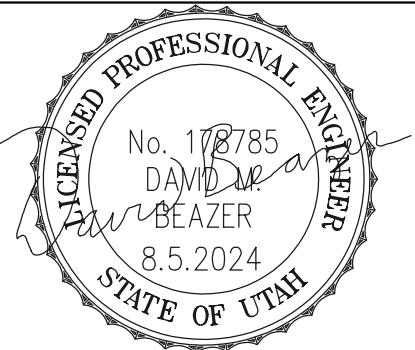
SHEET TITLE
ELECTRICAL PLANS
SCALE: 1/8"=1'-0"

PROJECT NUMBER

REVISIONS

SHEET NUMBER

E1.1



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P.O. BOX 652
MILLVILLE, UTAH 84326
C 435.770.8999
david@beazer-engineering.com

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PROJECT TITLE
Kent Merrill / Codie Nelson
6th West Core and Shell
2041 North 600 West
Logan, Utah

SHEET TITLE
DIAGRAMS AND SCHEDULES
SCALE: NA

PROJECT NUMBER

REVISIONS

SHEET NUMBER

E1.2

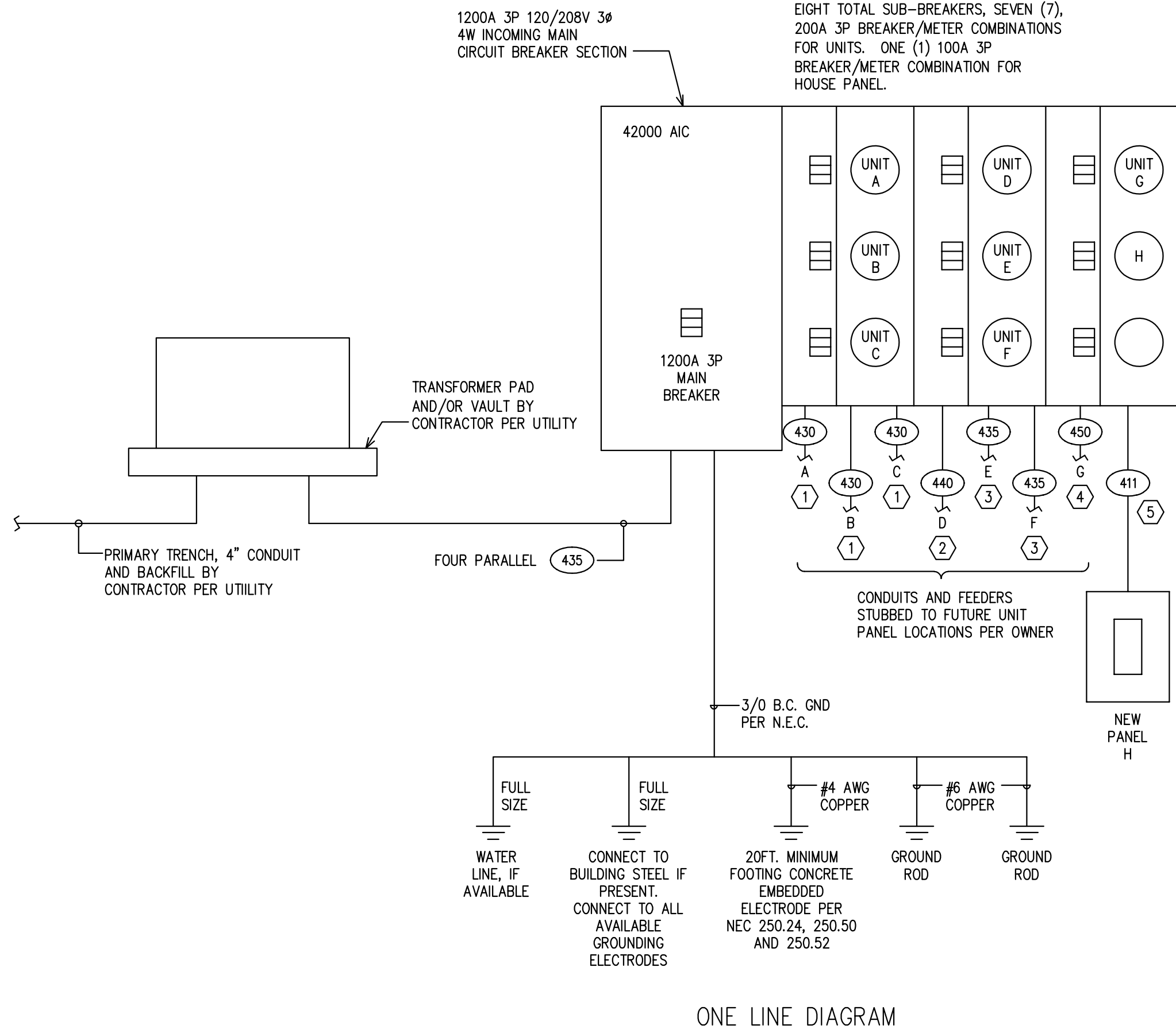
SERVICE ENTRANCE & FEEDER CONDUIT-CONDUCTOR SCHEDULE FOR COPPER CONDUCTORS					
TYPE	CONDUCTOR QUAN.	CONDUCTOR SIZE	COND SIZE	AMP	INSULATION
20	2	10	3/4	30	THHN, THWN, XHHW
30	3				
40	4				
28	2	8		40	
38	3		1		
48	4				
26	2	6		55	
36	3				
46	4		1 1/4		
34	3	4		70	
44	4				
33	3	3		85	
43	4				
31	3	1	1 1/2	110	
41	4		2		
30	3	1/0		150	
40	4				
32	3	2/0		175	
42	4				
33	3	3/0		200	
43	4		2 1/2		
34	3	4/0		230	
44	4				
32	3	250		255	
42	4		3		
33	3	350		310	
43	4				
35	3	500	3 1/2	380	
45	4				

PROVIDE GROUND IN ALL CONDUITS PER N.E.C. SIZE ACCORDING TO SERVICE OR EQUIPMENT GROUNDING TABLES, DEPENDING ON USE. EACH PARALLEL CONDUIT TO INCLUDED FULL SIZE GROUND. ALL CONDUCTOR SIZES ARE FOR COPPER.

KEYED NOTES

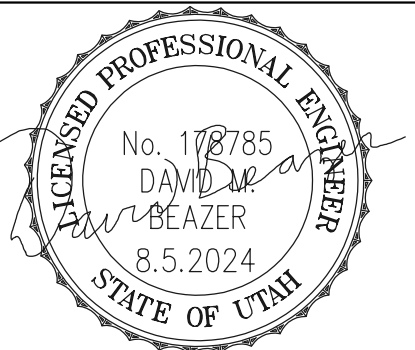
- #6 CU GROUND PER NEC.
- #4 CU UPSIZED GROUND PER NEC 250.122B.
- #2 CU UPSIZED GROUND PER NEC 250.122B.
- #1 CU UPSIZED GROUND PER NEC 250.122B.
- #8 CU GROUND PER NEC.

PANEL H		NEW		TYPE NQOD		3 Ø 4 WIRE 120/208 VOLTS		LOCATION		MOUNTING													
		EXISTING		REMARKS						flush <input type="checkbox"/> surface <input checked="" type="checkbox"/>													
										100 amp. main <input type="checkbox"/>													
										lugs <input checked="" type="checkbox"/> breaker <input type="checkbox"/>													
No.	BRKR	A	P	CIRCUIT DESCRIPTION	L	O	M	Wire	CIRC. LOAD	PHASE	A	B	C	CIRC. LOAD	Wire	L	O	M	CIRCUIT DESCRIPTION	BRKR	A	P	No.
1	20	1		OUTSIDE WALL LIGHTS	X			10	350		350								SPARE	20	1	2	14
3				OUTSIDE WALL LIGHTS	X			10	500			500							SPARE	20	1	4	16
5				PARKING LIGHTS				3	10	390				390					SPARE	20	1	6	18
7	V	V		TELEPHONE BOARD			1	12	180										SPARE				20
9				SPACE																			10
11																							12
13																							14
15																							16
17																							18
19																							20
21																							22
23																							24
TOTALS									530	500	390							AIC 22000					
FEEDER 411									AMPS/PHASE 4 4 3			parallel runs 1											



MECHANICAL EQUIPMENT SCHEDULE									
SYM	DESCRIPTION	LOAD	VOLTS	PHASE	FIRE ALARM SHUTDOWN	CONTROL CIRCUIT BY	* STARTER BY	SAFETY DISCONNECT BY	REMARKS
UH/1	UNIT HEATER	0.5HP	120	1	NA	MECH	MECH	ELECT	

FINAL BREAKER OR FUSE SIZE PER MANUFACTURER.
* ELECTRICAL CONTRACTOR VERIFY SINGLE SPEED OR TWO SPEED STARTERS WITH MECHANICAL DRAWINGS.



MBE
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 MILLVILLE, UTAH 84326
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 Kent Merrill / Codie Nelson
 6th West Core and Shell
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 Logan, Utah

SHEET TITLE
 ELECTRICAL
 SITE PLAN
 SCALE: 1"=20'-0"

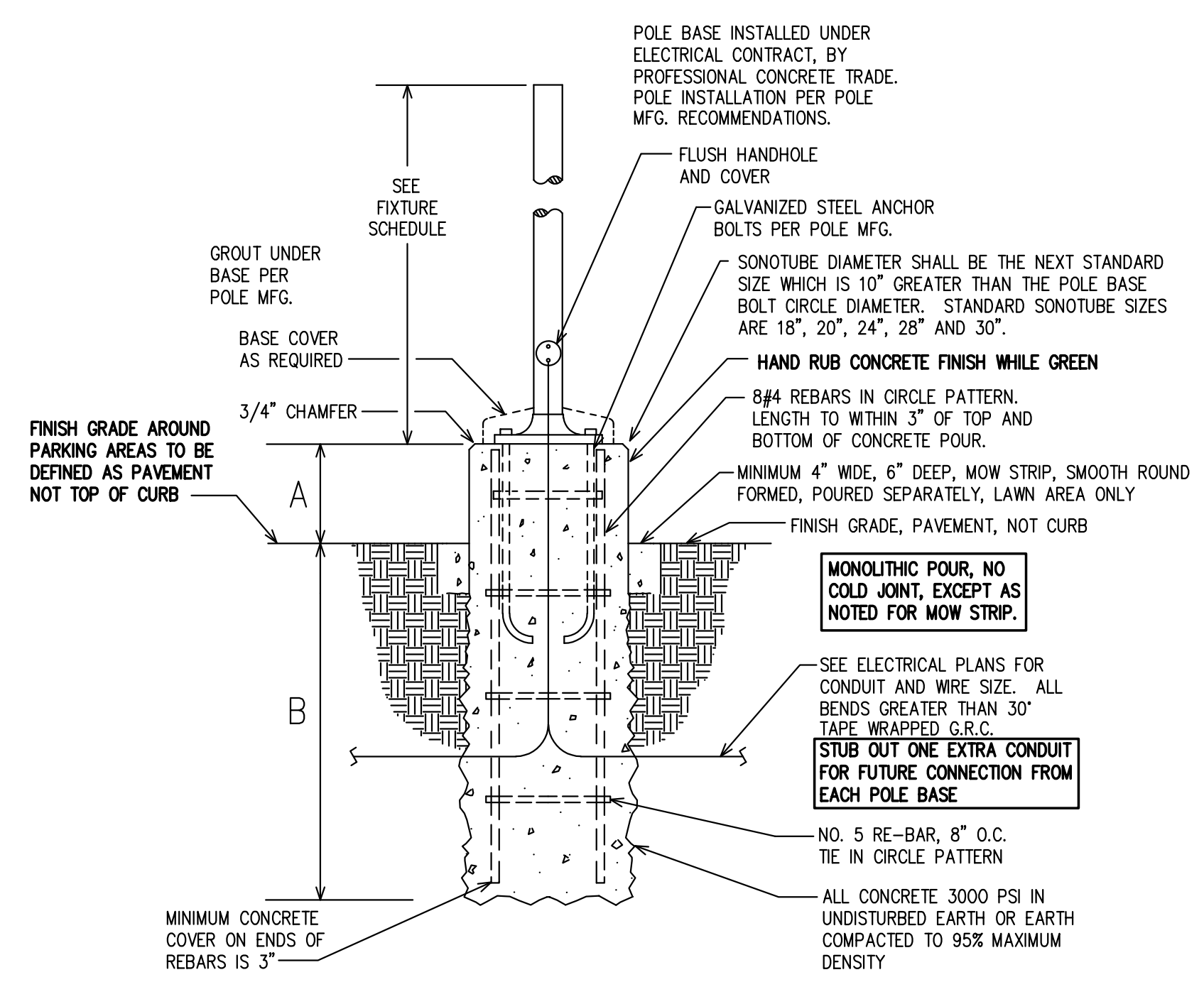
PROJECT NUMBER

REVISIONS

SHEET NUMBER

ES1.1

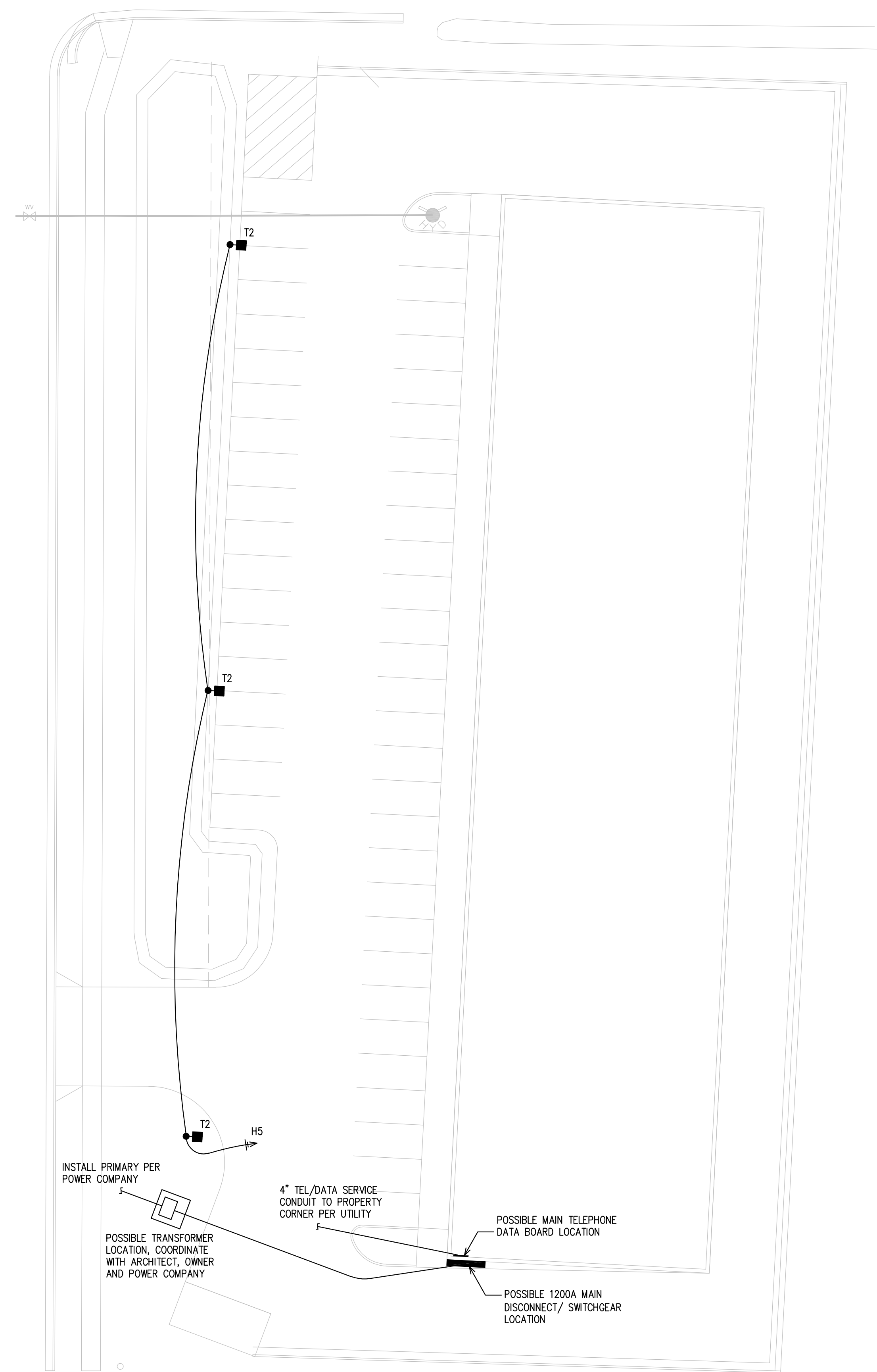
USE PLASTIC SEAMLESS SONOTUBE FOR ALL BASES WITH DIMENSION "A" GREATER THAN 12"

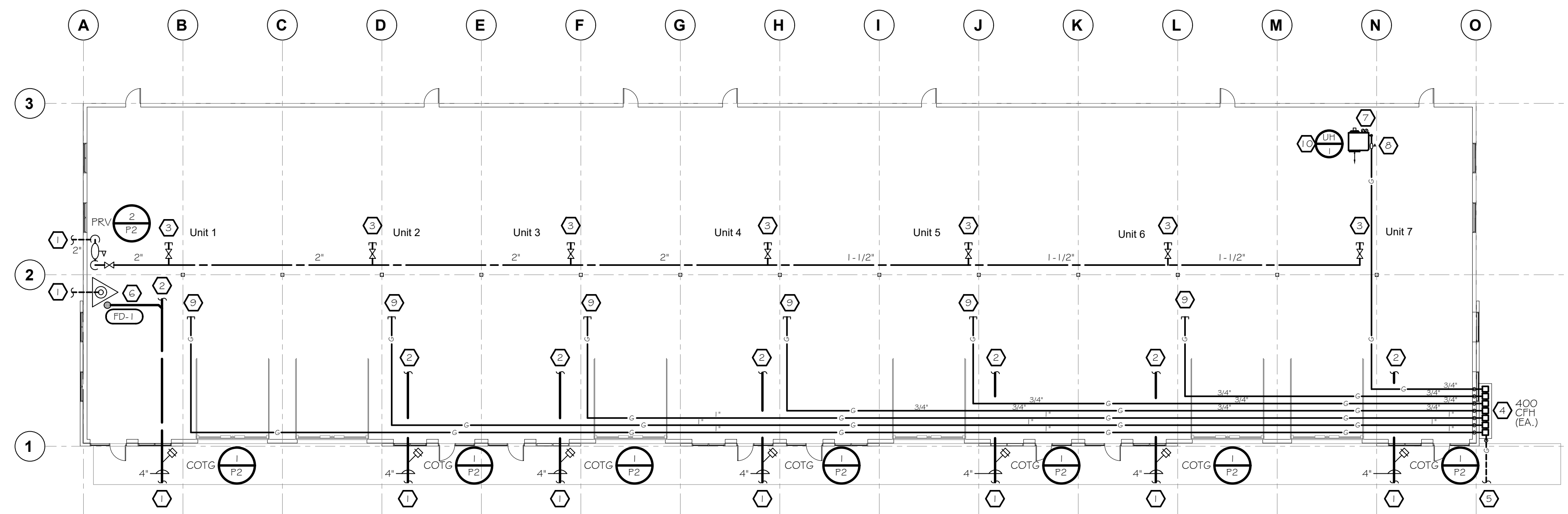


DIMENSIONS:
 A=30" B=60" WHERE SUBJECT TO VEHICLE TRAFFIC OR NEAR CURBS
 A=6" B=60" IN LANDSCAPED AREAS

POLE BASE DETAIL
 NO SCALE

Cache Valley Youth Center





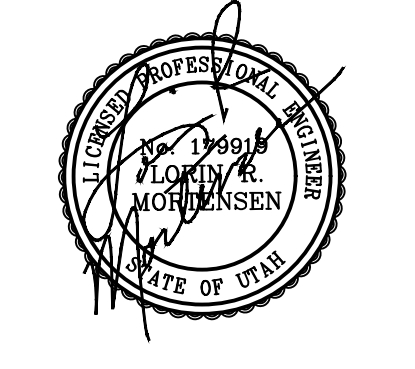
- REFERENCE NOTES**
- 1 SEE SITE UTILITIES PLAN FOR CONTINUATION.
 - 2 EXTEND WASTE LINE FOR FUTURE CONNECTION.
 - 3 CAP WATER LINE FOR FUTURE CONNECTION.
 - 4 2 PSI GAS METERS BY GAS COMPANY.
 - 5 GAS YARD LINE BY GAS COMPANY.
 - 6 FIRE SPRINKLER RISER BY OTHERS.
 - 7 VENT UNIT HEATER AS PER MGFRS. INSTRUCTIONS.
 - 8 2 PSI - TO - 4 OZ. GAS PRESSURE REGULATOR.
 - 9 CAP GAS LINE FOR FUTURE CONNECTION.
 - 10 INSTALL GAS-FIRED UNIT HEATER IN SPACES TO BE UNOCCUPIED DURING WINTER MONTHS. COORDINATE WITH OWNER.

GENERAL NOTE:
 VERIFY ALL UTILITY CONNECTIONS WITH SITE UTILITY PLAN

PLUMBING PLAN
 SCALE: 1/16" = 1' - 0"

Mortensen Engineering, Inc.
 251 South 830 East
 Smithfield, Utah 84335
 (435) 770-5534

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DATE
 August 3, 2024

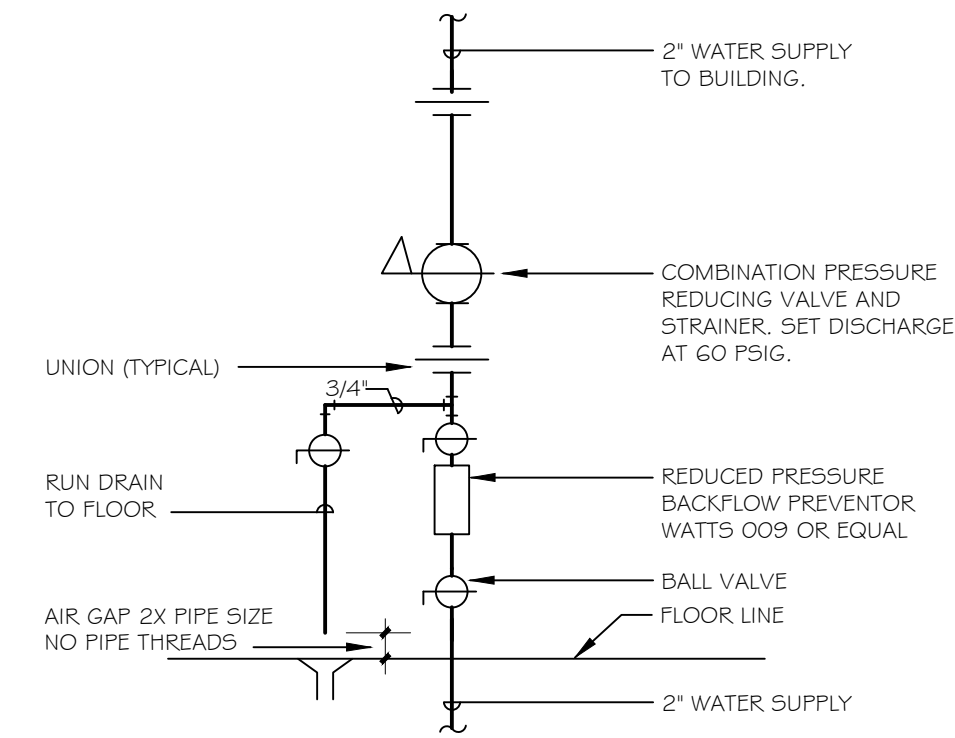
PROJECT TITLE
 CEN HOLDINGS / 600 WEST BUILDING
 SHELL BUILDING
 Logan, Utah 84321

SHEET TITLE
 PLUMBING PLAN

PROJECT NUMBER

REVISIONS

SHEET NUMBER
P1



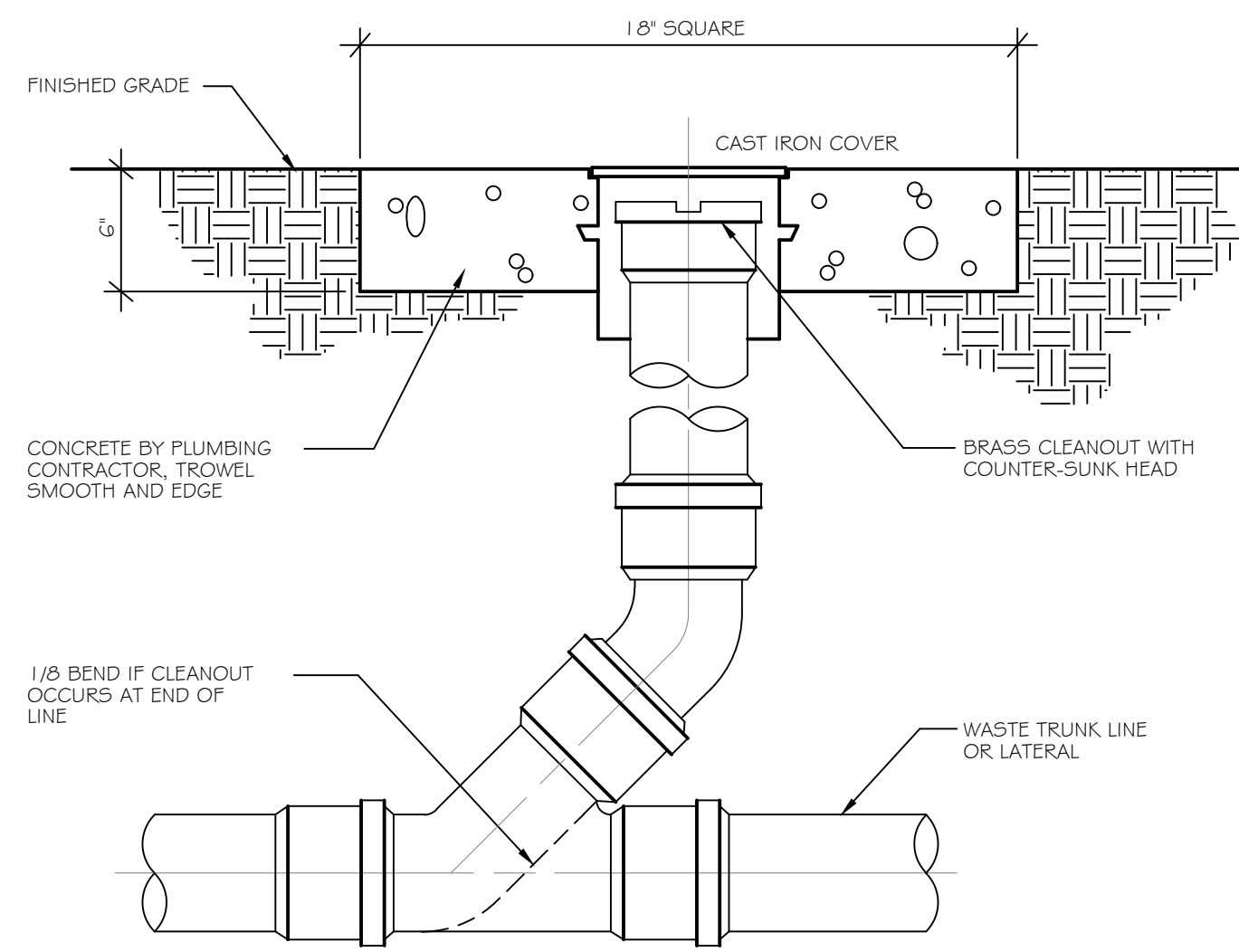
VERTICAL WATER PRESSURE REDUCING STATION DETAIL
NOT TO SCALE

2
P2

PLUMBING FIXTURE SCHEDULE								
FIX. NO.	FIXTURE	TYPE	DESCRIPTION	WASTE	TRAP	VENT	HW	CW
FD-1	FLOOR DRAIN	CUSTODIAL MECHANICAL	SMITH FIGURE 201 O-AP CAST IRON BODY AND FLASHING COLLAR WITH PROTECTIVE CAP AND ROUND NICKEL BRONZE ADJUSTABLE STRAINER HEAD WITH SECURED SQUARE HOLE GRATE, DEEP SEAL TRAP.	3"	3"	1 1/2"	-	-

UNIT HEATER SCHEDULE (GAS-FIRED)									
SYMBOL	MANUFACTURER & MODEL	FUEL	INPUT BTU/HR.	(3) OUTPUT BTU/HR.	FLUE SIZE	AIR DELIVERY	MOTOR H.P.	VOLTS/ PHASE/ CYCLES	COMMENTS
UH-1	REZNOR UDAP 300	NAT. GAS	300,000	249,000 207,000	6"	3483	1/2	115/1/60	(1)(2)

- (1) CONDITIONS AT 4600 FT. ELEVATION.
- (2) COMPLETE WITH THERMOSTAT AND ALL CONTROLS.
- (3) SEA LEVEL/DERATED OUTPUT BTUH

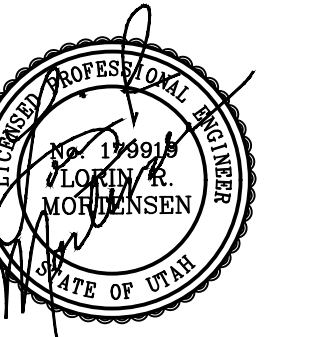


CLEAN OUT TO GRADE DETAIL
NOT TO SCALE

1
P2

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25 South 830 East
Smithfield, Utah 84305
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SHELL BUILDING
Logan, Utah 84321

SHEET TITLE
PLUMBING DETAILS
& SCHEDULES

PROJECT NUMBER

REVISIONS

SHEET NUMBER

P2