NOTE: THIS IMAGE IS CONCEPTUAL IN NATURE AND MAY NOT ACCURATELY DEPICT THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

DRAWING INDEX - VOLUME I - OWNER'S CONSULTANTS

ITEMS IN GRAY BOX WILL BE DELIVERED IN FUTURE SUBMITTALS STARTING AT 60%. THESE ARE IN PROGRESS.

DRAWING INDEX - VOLUME II - DPS DESIGN TEAM

UPTOWN CONNECT

PROJECT TEAM

OWNER
PALINDROME COMMUNITIES
412 NW 5TH AVENUE, SUITE 200
PORTLAND, OR 97209

ARCHITECT
DEKKER PERICH SABATINI
7601 JEFFERSON NE, SUITE 100
ALBUQERQUE, NM 87109
(505) 761-9700

LANDSCAPE ARCHITECT
DEKKER PERICH SABATINI
7601 JEFFERSON NE, SUITE 100
ALBUQERQUE, NM 87109
(505) 761-9700

STRUCTURAL ENGINEER
DEKKER PERICH SABATINI
7601 JEFFERSON NE, SUITE 100
ALBUQERQUE, NM 87109
(505) 761-9700

CIVIL ENGINEER
ISAACSON & ARFMAN, INC.
128 MONROE STREET NE
ALBUQUERQUE, NM 87108
(505) 268-8828

MECHANICAL ENGINEER
DESIGN BUILD BY OWNER

ELECTRICAL ENGINEER
DESIGN BUILD BY OWNER

30% SUBMITTAL PACKAGE

DEKKER PERICH SABATINI

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SEAL/ITECT

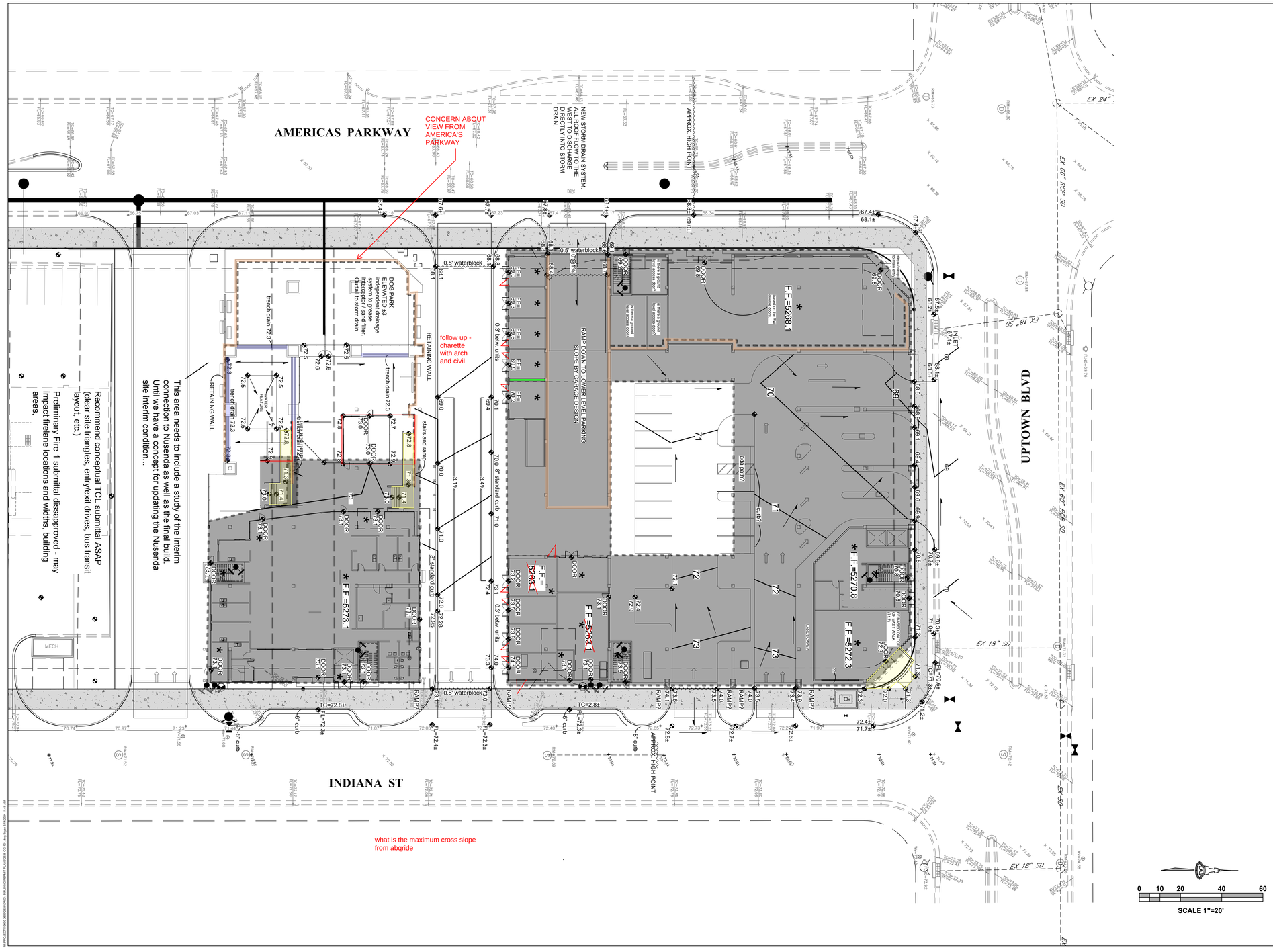
PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

DATE: 06/14/2024

PROJECT NO: 20-0010

ISSUE PURPOSE
OWNER REVIEW



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Albuquerque, NM 87108
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Engineer

UPTOWN CONNECT
MIXED USE

DESIGN	
ISSUE: DEVELOPMENT	
PROJECT NUMBER: IA 2625	
FILE:	-
DRAWN BY:	-
CHECKED BY:	-
DATE:	-

No	Date	Description

SHEET TITLE
NORTH TOWER GRADING AND DRAINAGE PLAN

SHEET NUMBER
CG101

NOT FOR CONSTRUCTION

SEAL

PROJECT

UPTOWN CONNECT
UPTOWN BLVD.
ALBUQUERQUE, NM 87123

30% SUBMITTAL PACKAGE

REVISIONS

DRAWN BY	JTS/BJB/DEC
REVIEWED BY	FCA/IMA
DATE	06/04/2024
PROJECT NO.	IA 2625 XX-XXXX

DRAWING NAME
NORTH TOWER GRADING AND DRAINAGE PLAN

SHEET NO.
CG101

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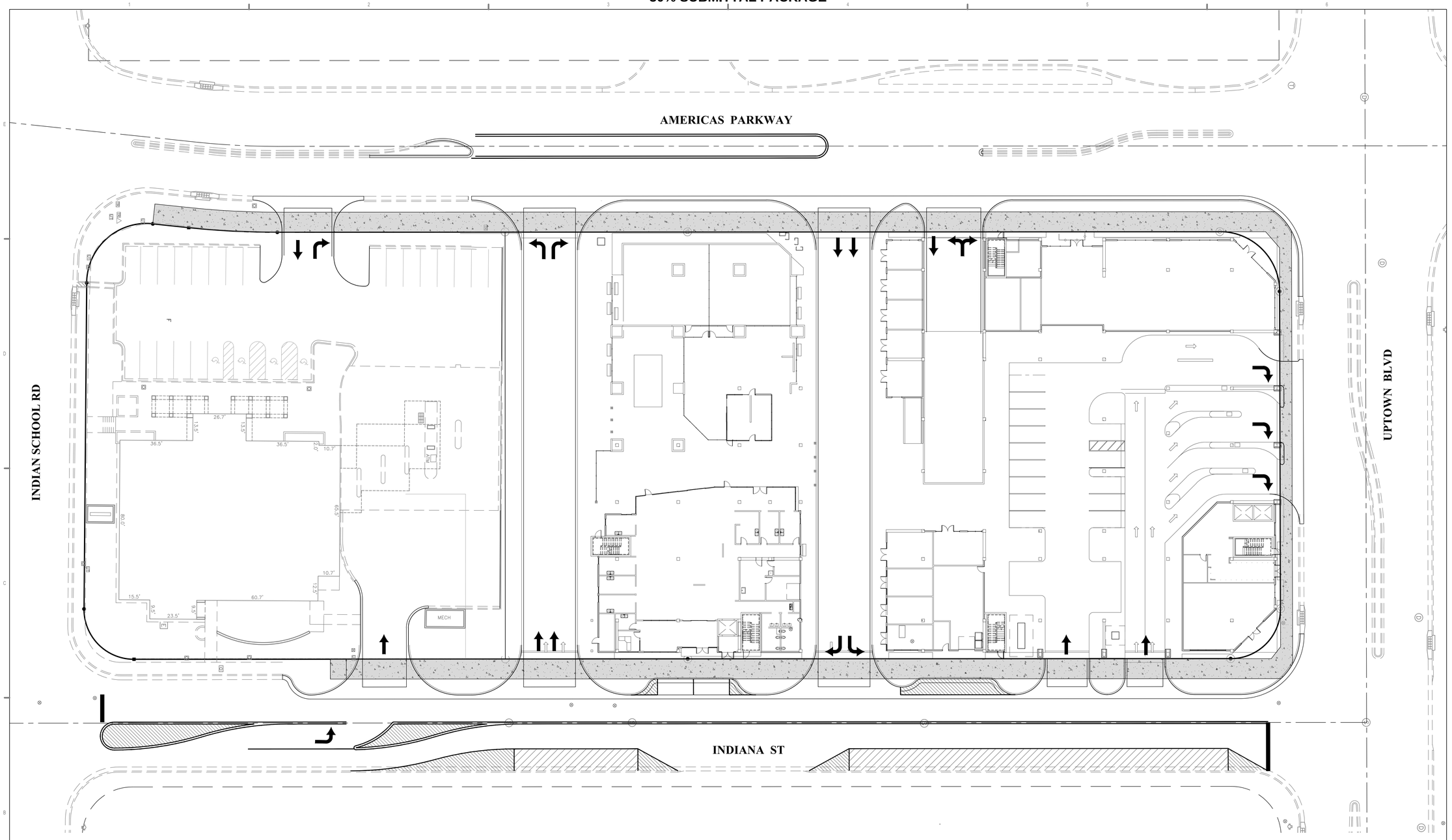

GENERAL NOTES

A. FIVE WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (505-260-1990) FOR LOCATION OF EXISTING UTILITIES.

B. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

C. ADJUST ALL UTILITY CLEANOUTS & WATER VALVES TO FINAL GRADE.

D. SEE XX & XX FOR CURB OPENINGS LOCATION.

LEGEND

- EXISTING CURB AND GUTTER
- PROPOSED CURB AND GUTTER
- LIGHT ASPHALT PAVING SECTION
- HEAVY ASPHALT PAVING SECTION
- PCC PAVING SECTION

0 10 20 40 60

SCALE 1"=20'

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REVISIONS

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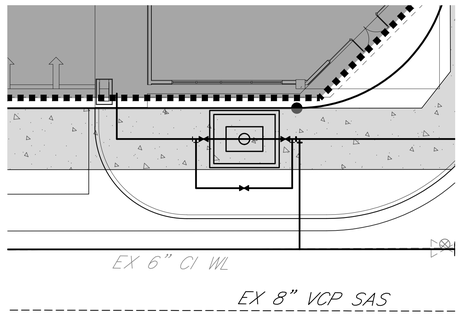
DRAWING NAME

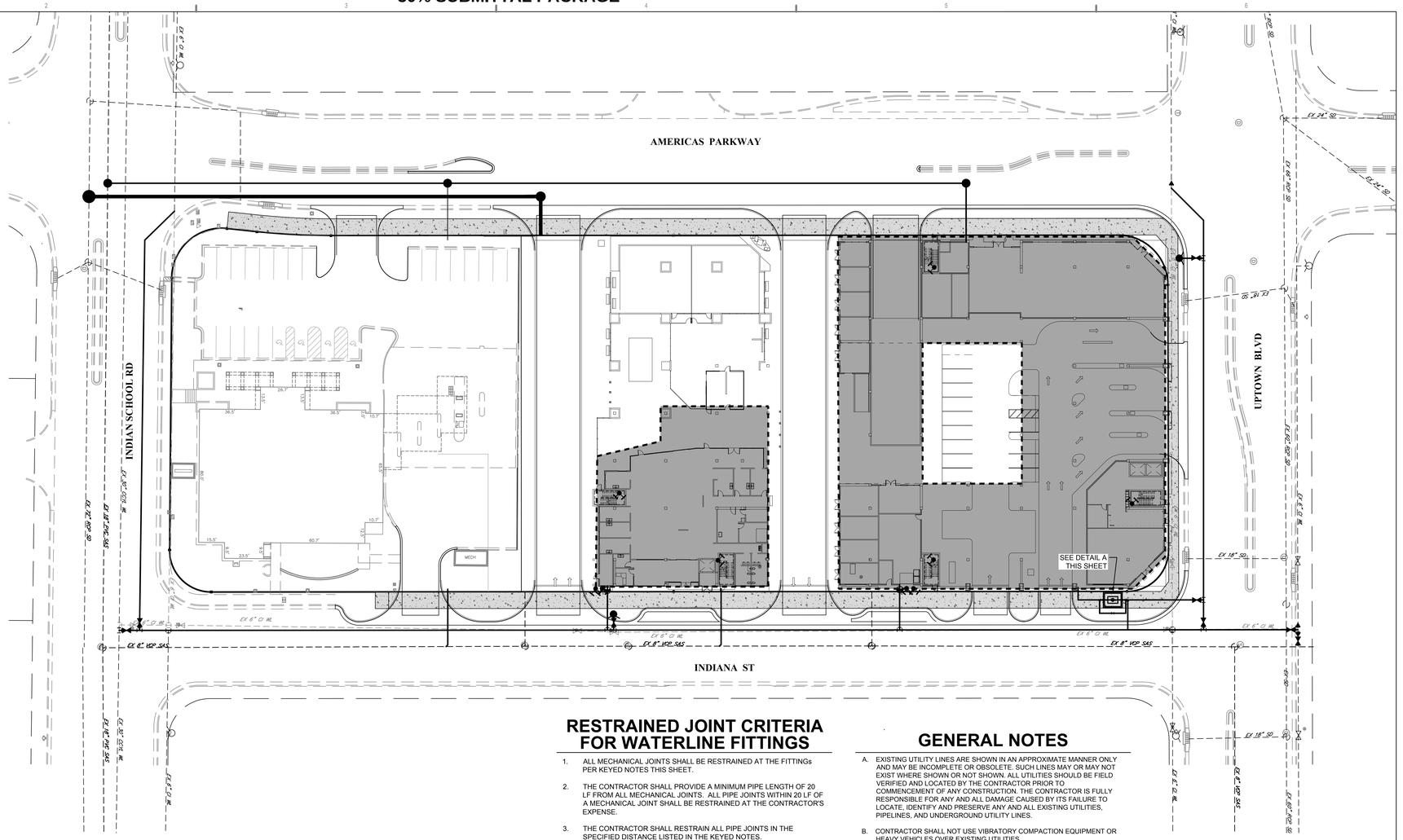
PAVING PLAN

SHEET NO.

CP101



DETAIL A



RESTRAINED JOINT CRITERIA FOR WATERLINE FITTINGS

1. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTINGs PER KEYED NOTES THIS SHEET.
2. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF A MECHANICAL JOINT SHALL BE RESTRAINED AT THE CONTRACTOR'S EXPENSE.
3. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE KEYED NOTES.
4. THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.

DEPTH OF BURY:	3.0 FT. MINIMUM
FACTOR OF SAFETY:	1.5
MATERIAL:	PVC
SOIL TYPE:	GM/SM - SILTY GRAVELS AND SILTY SANDS, GRAVEL-SAND-SILT MIXTURES.
TEST PRESSURE:	150 PSI
TRENCH TYPE 4:	PIPE BEDDED IN SAND, GRAVEL, OR CRUSHED STONE TO DEPTH OF 1/8 PIPE DIAMETER, 4 INCH MINIMUM; BACKFILL COMPACTED TO TOP OF PIPE.

DIFFERENT CRITERIA, E.G., GREATER DEPTH OF BURY, ETC., WILL REQUIRE DIFFERENT RESTRAINED LENGTHS. THESE MUST BE CALCULATED BY A QUALIFIED PROFESSIONAL ENGINEER AND APPROVED BY ABCWUA.

GENERAL NOTES

A. EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. ALL UTILITIES SHOULD BE FIELD VERIFIED AND LOCATED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.

B. CONTRACTOR SHALL NOT USE VIBRATORY COMPACTION EQUIPMENT OR HEAVY VEHICLES OVER EXISTING UTILITIES.

C. SITE STORM DRAIN, ELECTRIC LINES & TRANSFORMERS AND GAS LINES ARE SHOWN FOR GENERAL INFORMATION ONLY TO PROVIDE AN OVERVIEW OF SITE UTILITIES AND POTENTIAL CONFLICTS. SEE MECHANICAL PLANS FOR GAS LINE SIZING. SEE CG-101 FOR STORM DRAIN DESIGN.

D. ALL WATER FITTINGS SHALL HAVE JOINT RESTRAINTS (LT). SEE RESTRAINED JOINT CRITERIA NOTES THIS SHEET. (LT) LENGTH SHOWN ON KEYED NOTES.

E. ALL ABOVE GROUND UTILITY EQUIPMENT AND FITTINGS SHALL BE PAINTED IN COLORS TO MATCH BUILDING COLORS.

F. WATERLINES 4" IN DIAMETER OR LARGER SHALL BE PVC PIPE MEETING AWWA C900 DR-18 REQUIREMENTS.

G. SANITARY SEWER LINE MATERIALS SHALL BE PVC SDR-35 PIPE.

H. COORDINATION WITH WATER AUTHORITY CROSS CONNECTION SECTION WILL BE REQUIRED TO ENSURE PROPER BACKFLOW CONTAINMENT IS IN PLACE PRIOR TO RELEASE OF METER FOR THE SITE. CONTACT THE CROSS CONNECTION SECTION AT 505-289-3454.

J. COORDINATION WITH THE WATER AUTHORITY PRE-TREATMENT ENGINEER IS REQUIRED TO ENSURE THE SITE COMPLIES WITH WATER AUTHORITY SEWER USE ORDINANCE. CONTACT THE PRE-TREATMENT ENGINEER AT 505-289-3439.

KEYED NOTES

WATER KEYED NOTES

1. REMOVE EXISTING X" CAP AND CONNECT NEW X" WATER SERVICE LINE.
2. REMOVE EXISTING X" CAP AND CONNECT NEW X" FIRE LINE.
3. WALL MOUNT PIV (POST INDICATOR VALVE).
4. 3/4" ELECTRICAL CONDUIT W/ PULL STRING FROM PIV TO FIRE ROOM.
5. WALL MOUNT FDC (FIRE DEPARTMENT CONNECTION).

SEWER KEYED NOTES

20. CONNECT X" SITE SERVICE LINE TO EXISTING X" STUB
21. SEE MECHANICAL PLAN FOR CONTINUATION. (INV.=XXXX.X)

DRY UTILITY KEYED NOTES

30. PNM TRANSFORMER. OWNER / CONTRACTOR TO COMPLETE AND SUBMIT A COMMERCIAL SERVICE APPLICATION TO PNM. PNM REPRESENTATIVE TO TO PROVIDE ONSITE ELECTRICAL SERVICE LINE LOCATION.
31. NEW MEXICO GAS COMPANY GAS MAIN. OWNER / CONTRACTOR TO COMPLETE AND SUBMIT A COMMERCIAL SERVICE APPLICATION TO NMGCO.
32. GAS METER LOCATION TO BE DETERMINED BY OWNER AND NMGCO.

ABCWUA CONNECTION PERMIT ITEMS (NOT PART OF THIS PLAN)

40. 10" AND PUBLIC WATERLINE AND 8" GATE VALVES W/BOX. PART OF PRIVATE FIRE SUPPRESSION LINE CONNECTION TO 10" PUBLIC WATER LINE.
41. NEW PUBLIC X" WATER METER AND VAULT.
42. REMOVE AND DISPOSE EXISTING 6" WATER LINES.
43. 4' SANITARY SEWER MANHOLE AND NEW 8" SERVICE LINE TO ROW.

LEGEND

- EXISTING WATERLINE
- EXISTING FIRE HYDANT
- EXISTING WATER VALVE
- EXISTING SEWER LINE
- EXISTING SEWER MANHOLE
- NEW FIRE LINE
- NEW WATER VALVE
- NEW FIRE HYDANT
- NEW FDC (WALL MOUNT)
- NEW PIV (WALL MOUNT)
- NEW SEWER LINE

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REVISIONS

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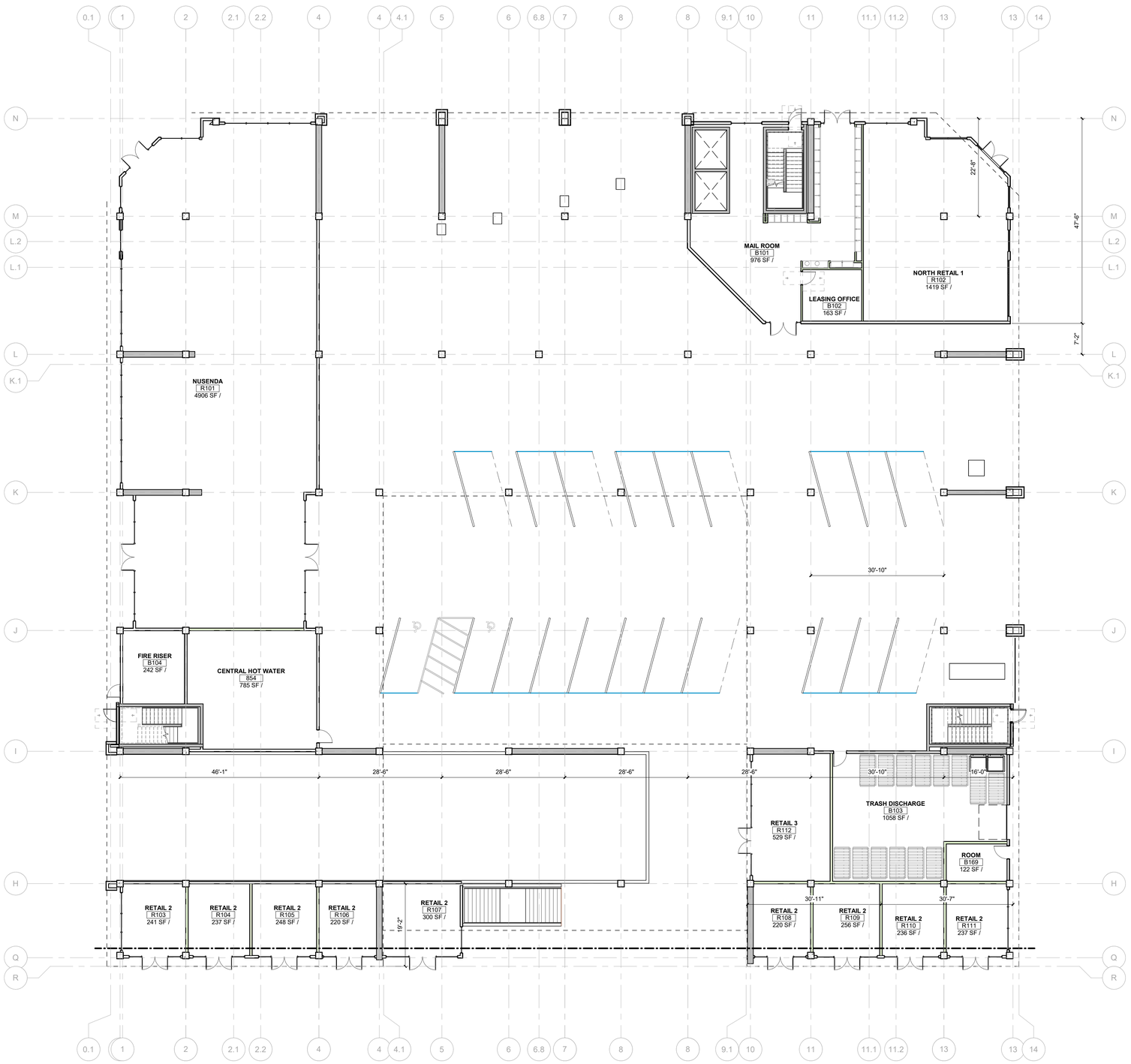
REVIEWED BY	FCA/IMA
DATE	06/04/2024
PROJECT NO.	IA 2625 XX-XXXX

DRAWING NAME

UTILITY PLAN

SHEET NO.

CU101



SHEET LEGEND

- NAME / ??? / ?? SF /?? ? OCC — ROOM NAME, ROOM NUMBER, AREA OF ROOM / OCCUPANT LOAD FACTOR, OCCUPANT LOAD OF ROOM
- XXX MAX — MAXIMUM OCCUPANT LOAD FOR DOOR
- XXX ACTUAL — ACTUAL OCCUPANT LOAD FOR DOOR
- XX.X" — WIDTH OF DOOR (IN INCHES)
- DIRECTION OF TRAVEL, NUMBER OF OCCUPANTS
- 1 HOUR RATED WALL ASSEMBLY
- 2 HOUR RATED WALL ASSEMBLY
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER WALL MOUNTED

GENERAL SHEET NOTES

A. SHOP DRAWINGS FOR AUTOMATIC SPRINKLER SYSTEM SHALL BE SUBMITTED TO FIRE MARSHAL'S OFFICE FOR REVIEW AND PERMITTING PRIOR TO INSTALLATION.
B. SHOP DRAWINGS FOR FIRE ALARM AND DETECTION SYSTEM SHALL BE SUBMITTED TO FIRE MARSHAL'S OFFICE FOR REVIEW AND PERMITTING PRIOR TO INSTALLATION.
C. LOCATIONS OF EXIT SIGNAGE AND EMERGENCY LIGHTING IS SUBJECT TO REVIEW BY FIRE MARSHAL AND CODE OFFICIAL PRIOR TO INSTALLATION
D. EXIT SIGNS WITH BATTERY BACK-UP ARE INDICATED ON ELECTRICAL SHEETS.
E. EMERGENCY LIGHTING IS INDICATED ON ELECTRICAL SHEETS.

APPLICABLE CODES

2021 INTERNATIONAL BUILDING CODE (IBC)
2021 INTERNATIONAL FIRE CODE (IFC)
2021 UNIFORM MECHANICAL CODE (UMC)
2021 UNIFORM PLUMBING CODE (UPC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2017 ICC/ANSI A117.1, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

ALL REFERENCED CODES SUBJECT TO LOCAL AND STATE AMENDMENTS

FIRE PROTECTION SYSTEMS

- BUILDING IS EQUIPPED WITH AUTOMATIC FIRE SPRINKLERS AS REQUIRED FOR **?** OCCUPANCIES (IBC 903.???)
- BUILDING IS EQUIPPED WITH AN EMERGENCY VOICE AND COMMUNICATION FIRE ALARM SYSTEM AS REQUIRED FOR **?** OCCUPANCIES (IBC 907.???)
- PORTABLE FIRE EXTINGUISHERS (IBC 906):
  - LEVEL 1: ??,????,??? = ??.??; **??** FIRE EXTINGUISHERS PROVIDED.
  - LEVEL 2: ??,????,??? = ??.??; **??** FIRE EXTINGUISHERS REQUIRED

OCCUPANCY CLASSIFICATION

OCCUPANCY GROUP:
BUILDING 1: **??????????????????????**
BUILDING 2: **??????????????????????**

MIXED USE AND OCCUPANCY (SECTION 508)
BUILDING 1: SEPARATED OCCUPANCIES (SECTION 508.4)
NO SEPARATION REQUIRED BETWEEN E AND A OCCUPANCIES PER TABLE 508.4

INCIDENTAL ACCESSORY OCCUPANCIES (SECTION 509): **LABS / SHOPS IN E OCCUPANCY SMOKE PARTITIONS PER 509.4.2**

TYPE OF CONSTRUCTION AND FIRE RESISTANCE RATINGS OF BUILDING ELEMENTS

CONSTRUCTION CLASSIFICATION (SECTION 602.2): **TYPE 2B**

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)

PRIMARY STRUCTURAL FRAME:	?-HRS
BEARING WALLS	?-HRS
NONBEARING INTERIOR WALLS:	?-HRS
FLOOR AND ROOF CONSTRUCTION:	?-HRS
NORTH - SEPARATION DISTANCE >30 =	?-HRS
SOUTH - SEPARATION DISTANCE >30 =	?-HRS
EAST - SEPARATION DISTANCE >30 =	?-HRS
WEST- SEPARATION DISTANCE >30 =	?-HRS

FIRE-RESISTANCE RATING OF EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (TABLE 602)

BUILDING HEIGHT AND AREA

BUILDING 1:
ALLOWABLE HEIGHT (IBC TABLE 504.3): ?? FT.
ACTUAL BUILDING HEIGHT: **?? FT.**

ALLOWABLE NUMBER OF STORIES (IBC TABLE 504.4): ? STORIES
ACTUAL NUMBER OF STORIES: **? STORIES**

ALLOWABLE BUILDING AREA (IBC 508.4.2):
BUILDING AREA (IBC 506.2.4): A-4: A_w = [??,??? + (?,??? x 0.60)]
A_w = ??,??? + ?,???
A_w = **??,???**

E: A_w = [??,??? + (??,??? x 0.65)]
A_w = ??,??? + ?,???
A_w = **??,???**

ACTUAL AREA: LEVEL 1: ??,??? SF
LEVEL 2: ??,??? SF

SUM OF THE RATIOS: = (??,???/??,???) + (??,???/??,???)
(?) (?)
= 0.?? + 0.??
= **0.??; LESS THAN 1**

BUILDING 2:
ALLOWABLE HEIGHT (IBC TABLE 504.3): ?? FT.
ACTUAL BUILDING HEIGHT: **?? FT.**

ALLOWABLE NUMBER OF STORIES (IBC TABLE 504.4): ? STORIES
ACTUAL NUMBER OF STORIES: **? STORIES**

ALLOWABLE BUILDING AREA (IBC 506.2.1):
ACTUAL AREA: ?,??? SF
(ACTUAL AREA LESS THAN TABULAR VALUE OF A_t OF ??,??? SF PER TABLE 506.2)

MEANS OF EGRESS

OCCUPANT LOAD CALCULATED AT THE RATE OF 1 OCCUPANT PER UNIT OF OF AREA (IBC 1004.1.2).
TOTAL OCCUPANT LOAD: **?,???**
EGRESS REQUIREMENTS:
1. MINIMUM NUMBER OF EXITS FOR A TOTAL OCCUPANT LOAD OF MORE THAN 1000 (TABLE 1006.3.1): **?**
2. TOTAL ALLOWABLE EXIT ACCESS LENGTH W/ SPRINKLER SYSTEM (IBC TABLE 1017.2): **??? FT**
4. REQUIRED FIRE RESISTANCE RATING OF CORRIDOR FOR E AND A OCCUPANCY WITH SPRINKLER SYSTEM (TABLE 1020.1): **? HOURS**
5. MINIMUM EXIT WIDTH FOR BUILDINGS EQUIPPED WITH EMERGENCY VOICE AND COMMUNICATION (EVAC) FIRE ALARM SYSTEM:
   - STAIRS: **0.?** INCHES / OCCUPANT (IBC 1005.3.1, EXC. 1)
   - DOORS: **0.?** INCHES / OCCUPANT (IBC 1009.3.2, EXC. 1)

ENERGY CONSERVATION

COUNTY, CITY, STATE
CLIMATE ZONE: ??

INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT	REQUIRED	PROVIDED
ROOF; COMPLETELY ABOVE DECK	R-?? ci	R-?? ci
MASS WALL	R-?? ci	R-?? ci
METAL FRAMED	R-?? + ?? ci	R?? + ?? ci
SLAB R-VALUE AND DEPTH	R-?? FOR ?" DEPTH	
DOOR, NON-WOOD	U-??	U-??
FENESTRATION; FIXED	U-??	U-??
FENESTRATION; OPERABLE	U-??	U-??
ENTRANCE DOOR	U-??	U-??
SHGC; PF,0.2 (SEW/N)	U-??/U-??	U-??/U-??

PLUMBING FIXTURES

OCC: EDUCATIONAL - E — **OCCUPANTS: 0** — **(0 M 0 F)**

Educational facilities, K-12	WATER CLOSET		LAVATORIES		BATH/SHWR	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE	FEMALE			
REQUIRED:	**0**	**0**	**0**	**0**		**0**	**1 Service Sink**
PROVIDED:							

*OCCUPANT LOAD USED TO DETERMINE PLUMBING FIXTURE QUANTITY REQUIREMENTS FOR THE E (EDUCATION) OCCUPANCY PORTION OF THE BUILDING EXCLUDE SPACES THAT ARE FOR USE BY THE BUILDING OCCUPANTS ONLY SUCH AS LOBBY/OPEN SEATING, STAFF LOUNGE AND WORKROOM AND LIBRARY.
**FIXTURES IN THE EDUCATION WING ARE ACCESSIBLE TO THE ASSEMBLY WING DURING EVENTS. PLUMBING FIXTURES PROVIDED ARE THE GREATER OF THE 2 OCCUPANCIES REQUIRED NUMBER.

OCC: ASSEMBLY - A-4 — **OCCUPANTS: 0** — **(0 M 0 F)**

Indoor sports	WATER CLOSET		LAVATORIES		BATH/SHWR	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE	FEMALE			
REQUIRED:	**0**	**0**	**1**	**1**		**0**	**1 Service Sink**
PROVIDED:							

*WHERE TOTAL COMBINED WATER CLOSETS IS 6 OR MORE, A FAMILY/ASSISTED USE RESTROOM IS REQUIRED.
REQUIRED FAMILY/ASSISTED USE RESTROOM CAN BE COUNTED AS A REQUIRED FIXTURE FOR MALE/FEMALE.

NORTH

A1 BUILDING 1 - LEVEL 1 - LIFE SAFETY PLAN
3/32" = 1'-0"

6/14/2024 2:43:21 PM

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PROJECT

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6501 INDIAN SCHOOL NE
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OWNER REVIEW

REVISIONS

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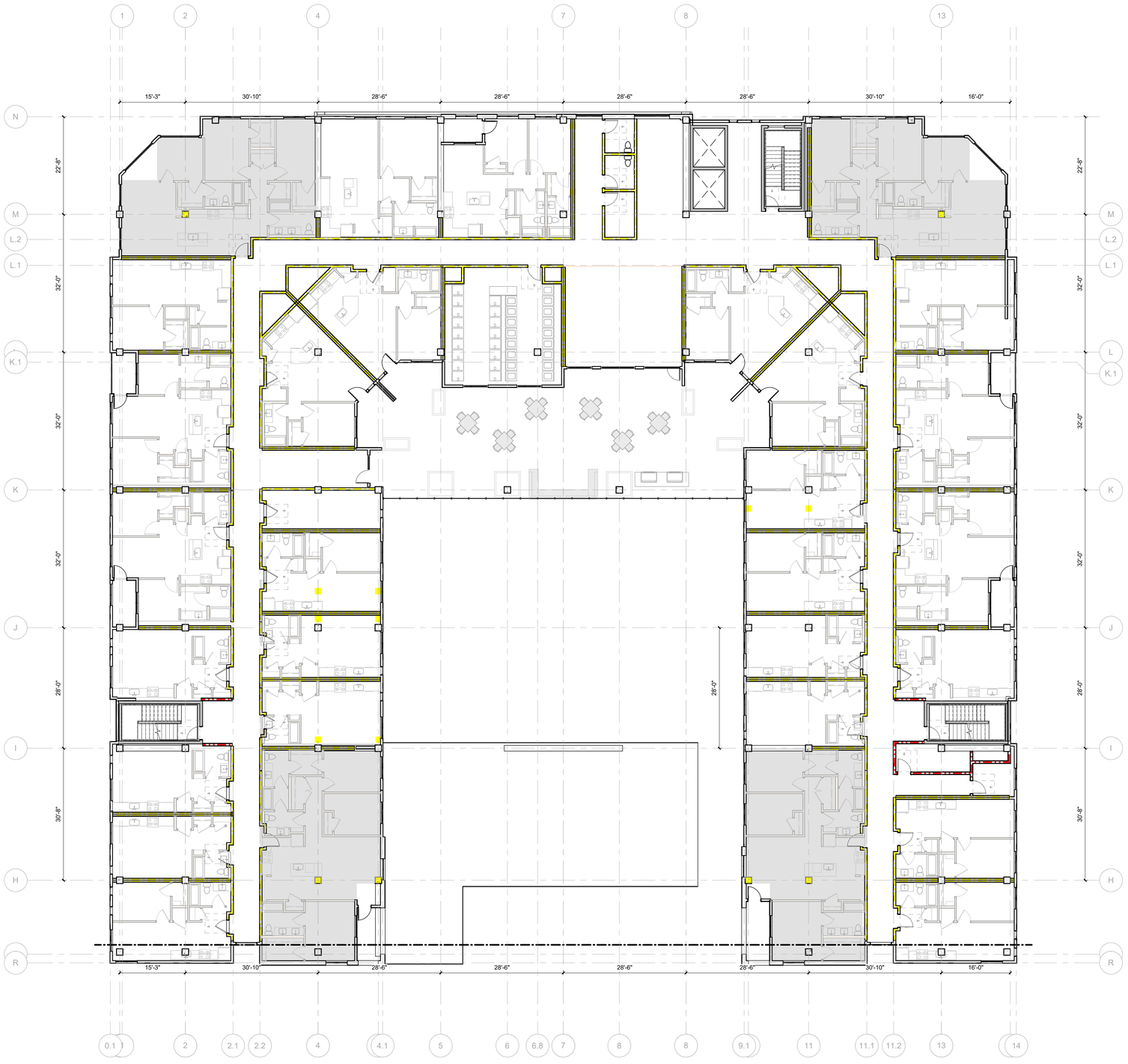
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 1 - LIFE SAFETY PLAN

SHEET NO

GI002.1.1



NORTH

A1 BUILDING 1 - LEVEL 2 - LIFE SAFETY PLAN
3/32" = 1'-0"

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REVISIONS

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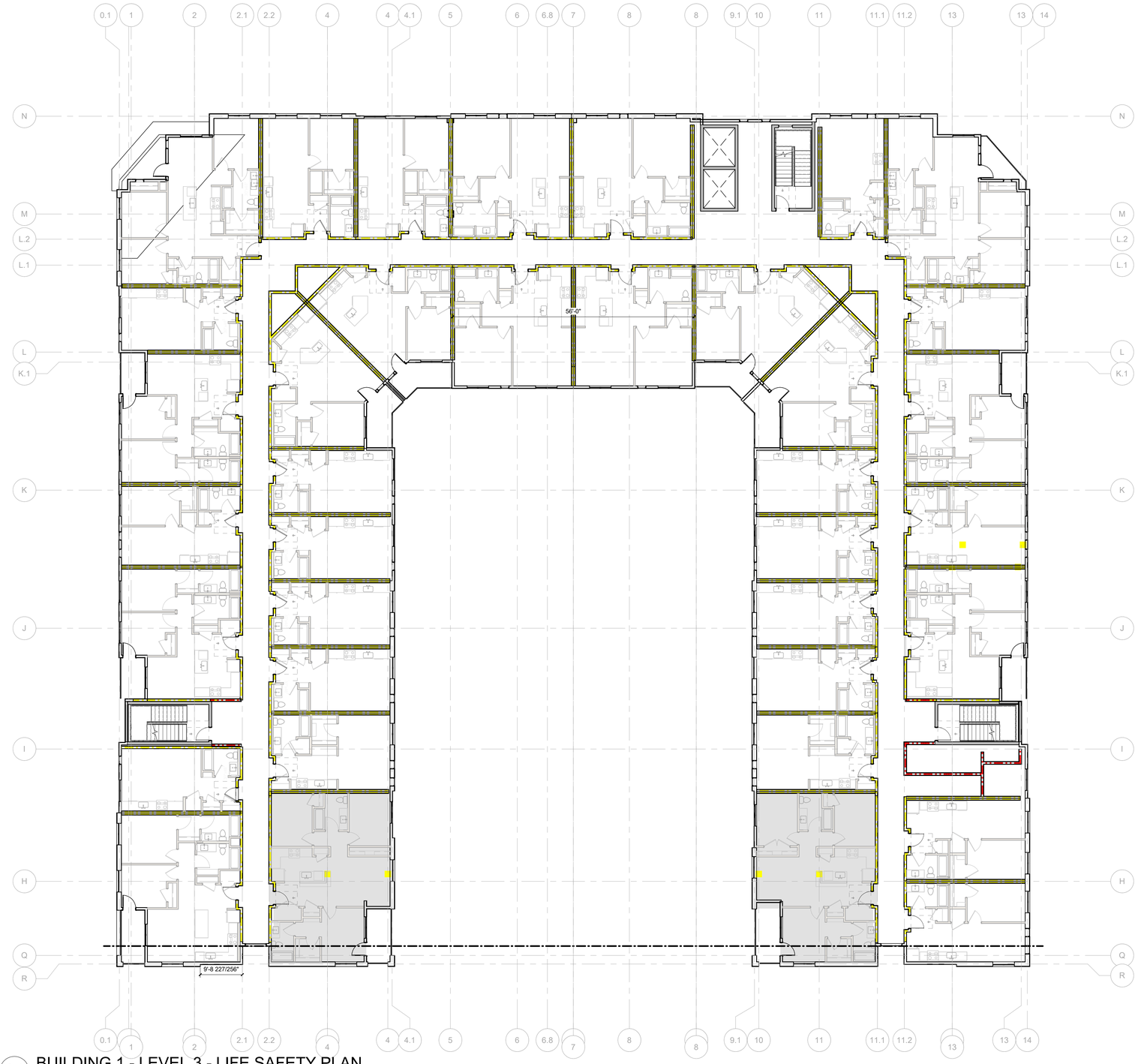
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 2 - LIFE SAFETY PLAN

SHEET NO

GI002.1.2



NORTH

A1 BUILDING 1 - LEVEL 3 - LIFE SAFETY PLAN

3/32" = 1'-0"

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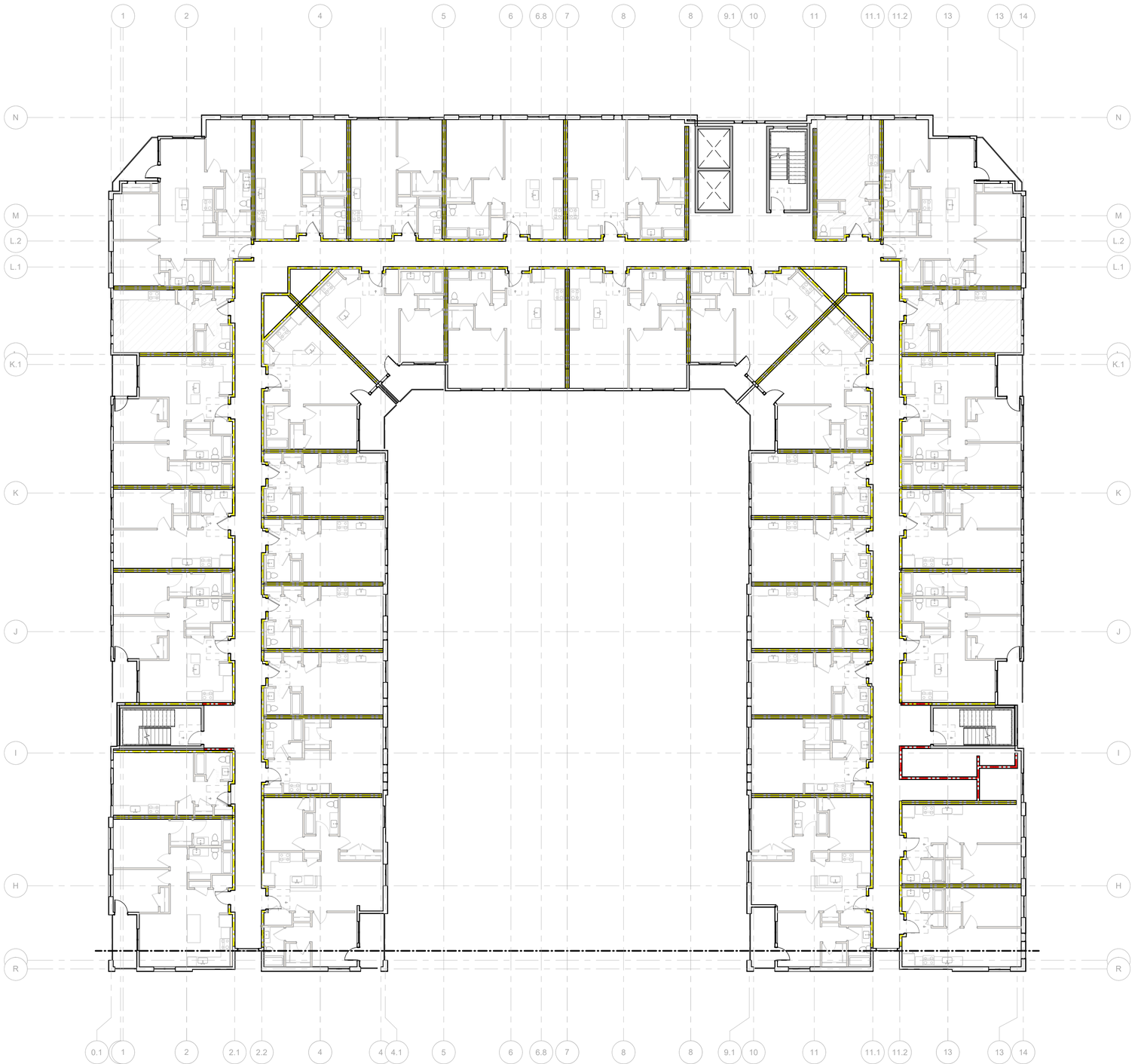
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 3 - LIFE SAFETY PLAN

SHEET NO

GI002.1.3



NORTH

A1 BUILDING 1 - LEVEL 4 - LIFE SAFETY PLAN

3/32" = 1'-0"

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DRAWING NAME

BUILDING 1 - LEVEL 4 - LIFE SAFETY PLAN

SHEET NO

GI002.1.4

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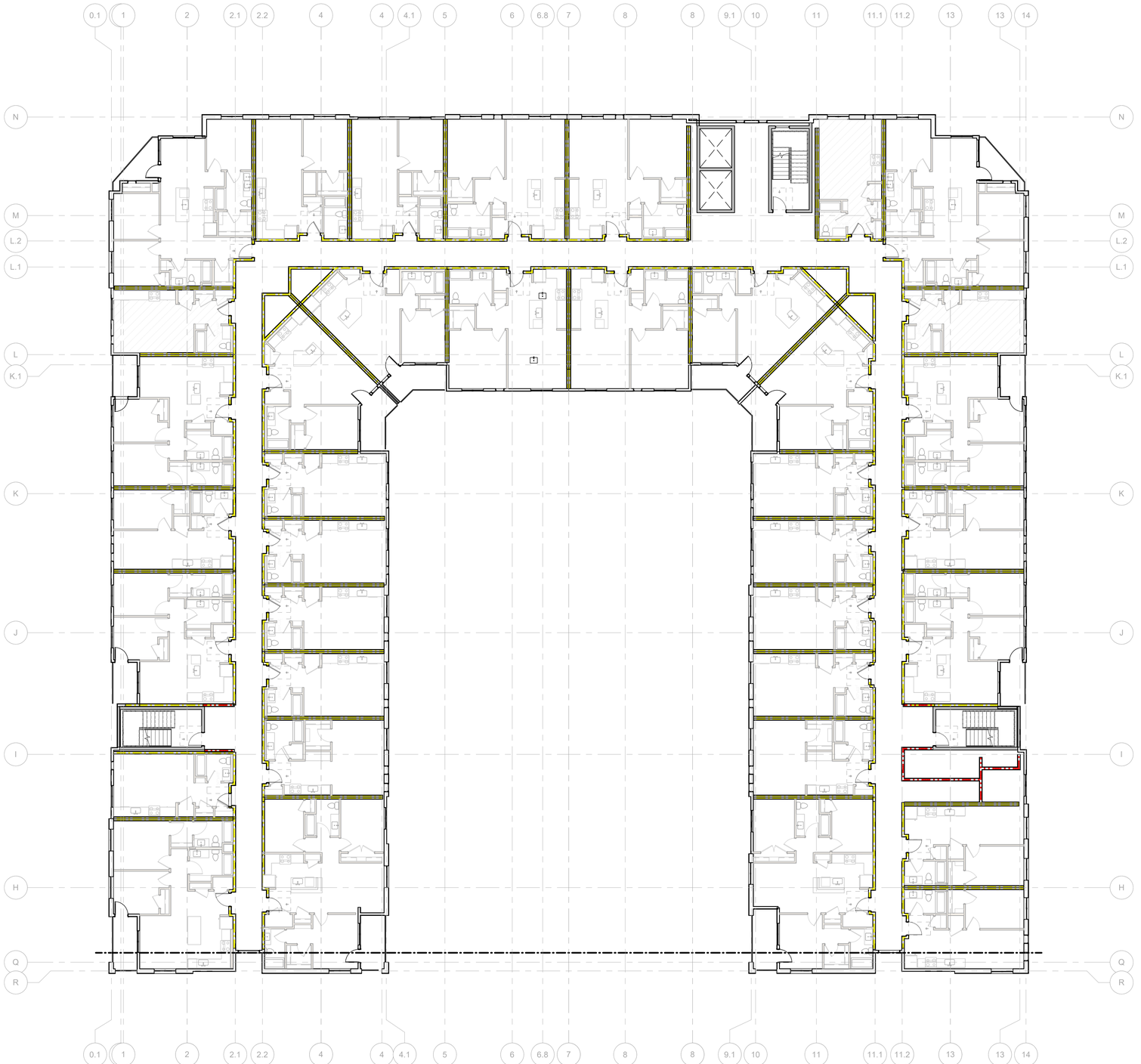

NORTH

A1 BUILDING 1 - LEVEL 5 - LIFE SAFETY PLAN

3/32" = 1'-0"

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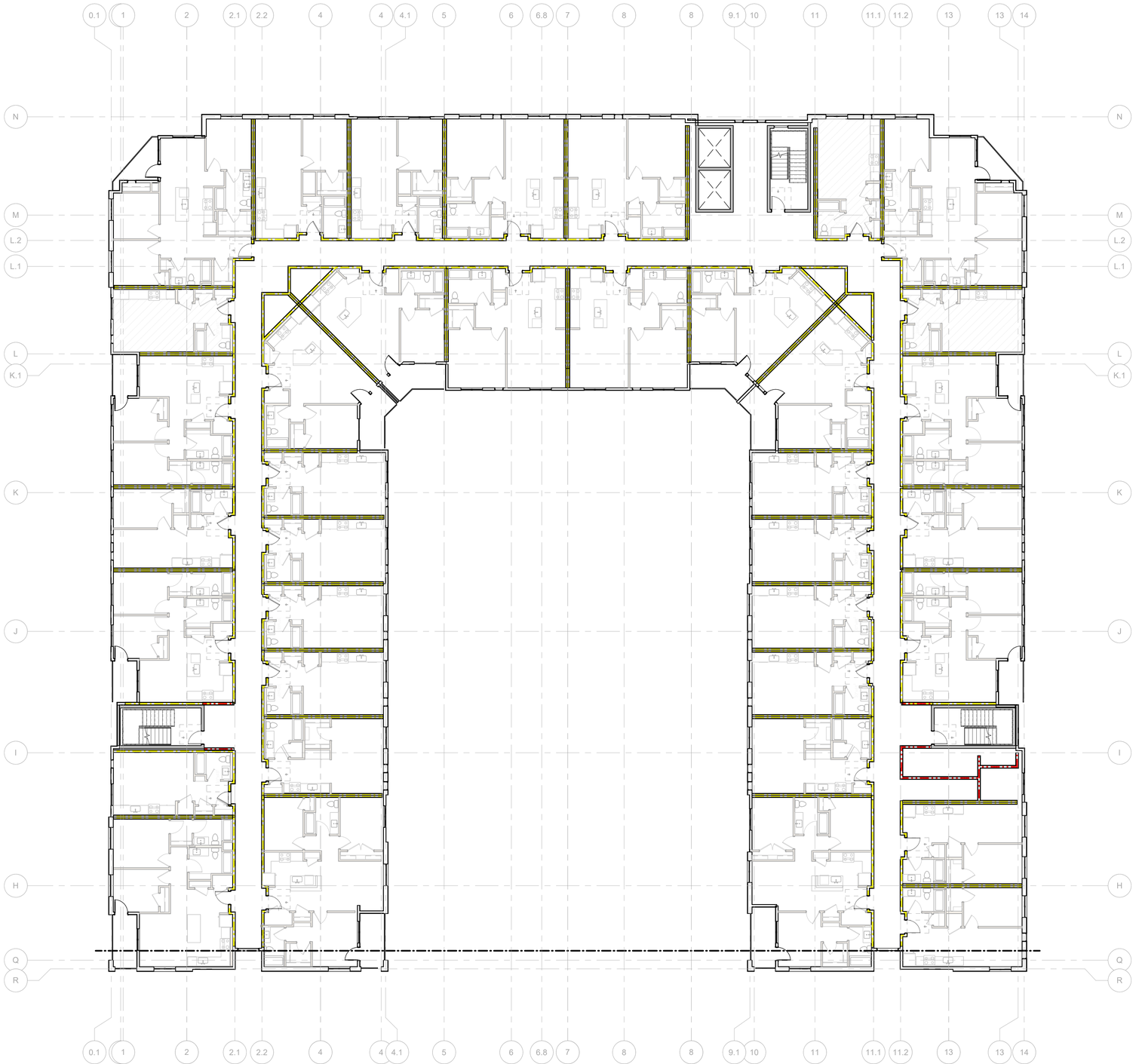
BUILDING 1 - LEVEL 5 - LIFE SAFETY PLAN

SHEET NO

GI002.1.5



NORTH

A1 BUILDING 1 - LEVEL 6 - LIFE SAFETY PLAN

3/32" = 1'-0"

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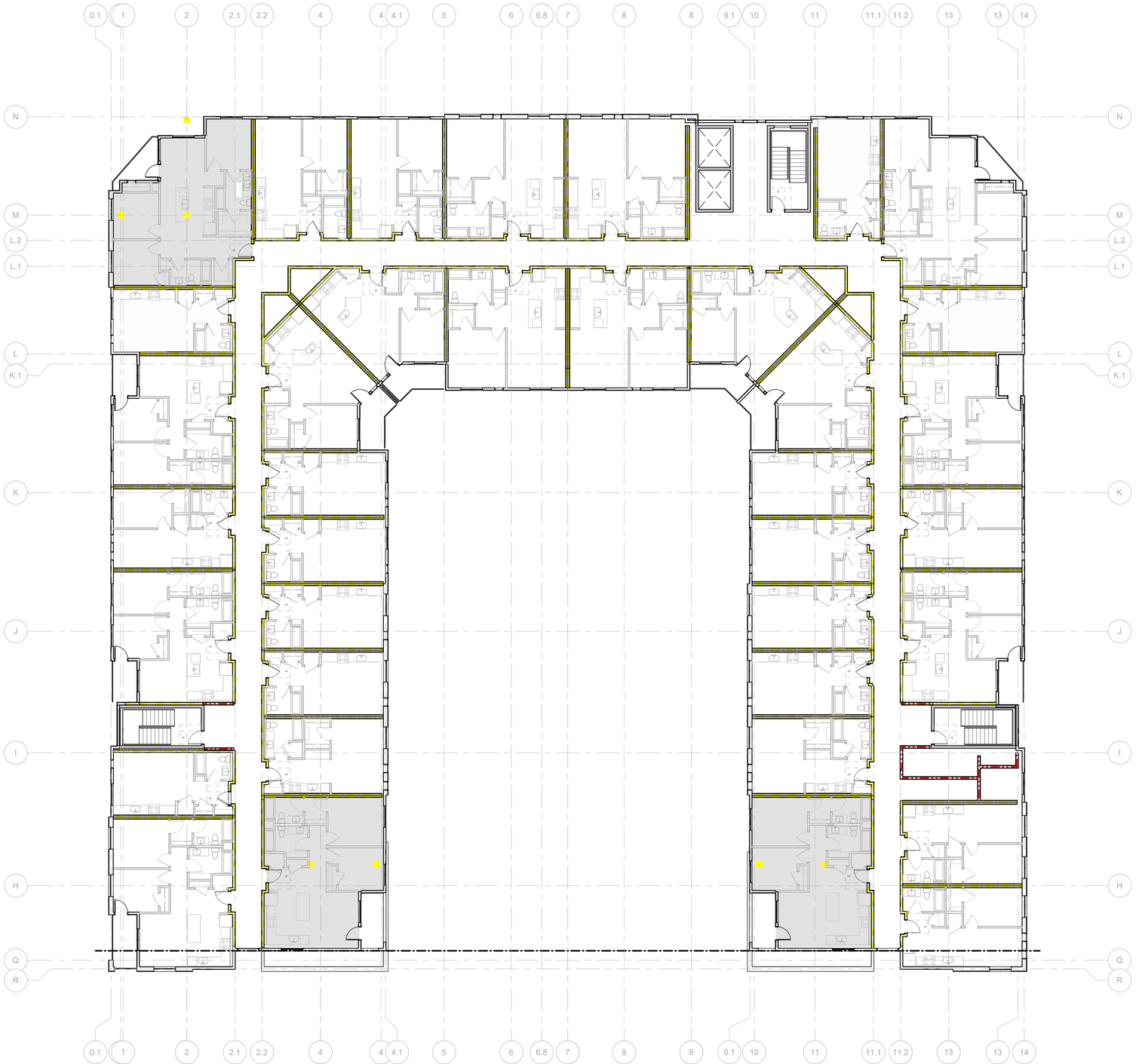
DRAWING NAME

BUILDING 1 - LEVEL 6 - LIFE SAFETY PLAN

SHEET NO

GI002.1.6



NORTH

A1 BUILDING 1 - LEVEL 7 - LIFE SAFETY PLAN
3/32" = 1'-0"

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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

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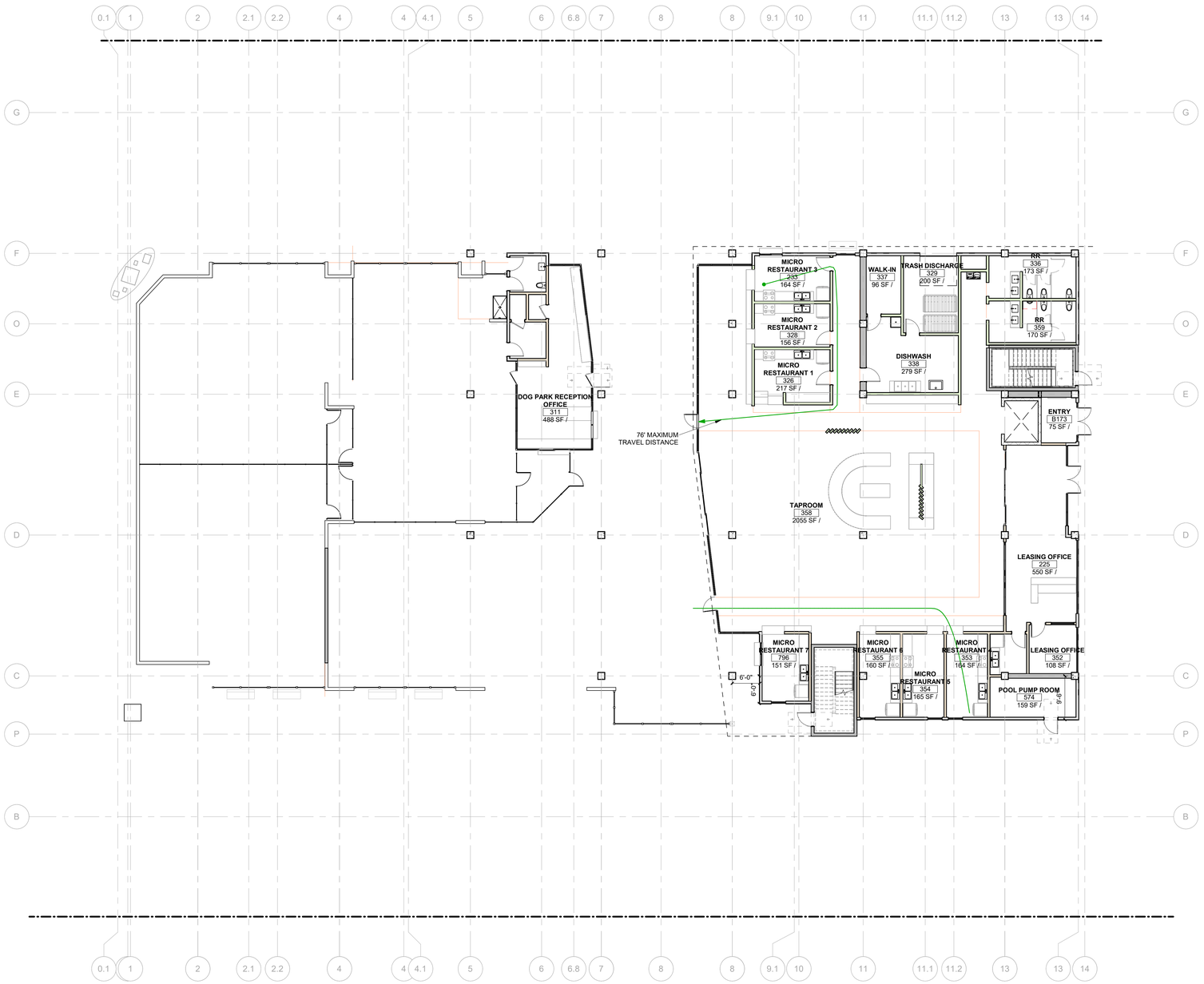
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 7 - LIFE SAFETY PLAN

SHEET NO

GI002.1.7



NORTH

A1 BUILDING 2 - LEVEL 1 - LIFE SAFETY PLAN

3/32" = 1'-0"

SHEET LEGEND

NAME
???
?? SF / ??
? OCC
ROOM NAME
ROOM NUMBER
AREA OF ROOM / OCCUPANT LOAD FACTOR
OCCUPANT LOAD OF ROOM

XXX MAX
MAXIMUM OCCUPANT LOAD FOR DOOR

XXX ACTUAL
ACTUAL OCCUPANT LOAD FOR DOOR

XX.X"
WIDTH OF DOOR (IN INCHES)

DIRECTION OF TRAVEL
NUMBER OF OCCUPANTS

1 HOUR RATED WALL ASSEMBLY

2 HOUR RATED WALL ASSEMBLY

FIRE EXTINGUISHER CABINET

FIRE EXTINGUISHER WALL MOUNTED

GENERAL SHEET NOTES

A. SHOP DRAWINGS FOR AUTOMATIC SPRINKLER SYSTEM SHALL BE SUBMITTED TO FIRE MARSHAL'S OFFICE FOR REVIEW AND PERMITTING PRIOR TO INSTALLATION.
B. SHOP DRAWINGS FOR FIRE ALARM AND DETECTION SYSTEM SHALL BE SUBMITTED TO FIRE MARSHAL'S OFFICE FOR REVIEW AND PERMITTING PRIOR TO INSTALLATION.
C. LOCATIONS OF EXIT SIGNAGE AND EMERGENCY LIGHTING IS SUBJECT TO REVIEW BY FIRE MARSHAL AND CODE OFFICIAL PRIOR TO INSTALLATION
D. EXIT SIGNS WITH BATTERY BACK-UP ARE INDICATED ON ELECTRICAL SHEETS.
E. EMERGENCY LIGHTING IS INDICATED ON ELECTRICAL SHEETS.

APPLICABLE CODES

2021 INTERNATIONAL BUILDING CODE (IBC)
2021 INTERNATIONAL FIRE CODE (IFC)
2021 UNIFORM MECHANICAL CODE (UMC)
2021 UNIFORM PLUMBING CODE (UPC)
2020 NATIONAL ELECTRICAL CODE (NEC)
2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
2017 ICC/ANSI A117.1, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

ALL REFERENCED CODES SUBJECT TO LOCAL AND STATE AMENDMENTS

FIRE PROTECTION SYSTEMS

- BUILDING IS EQUIPPED WITH AUTOMATIC FIRE SPRINKLERS AS REQUIRED FOR **?** OCCUPANCIES (IBC 903.???)
- BUILDING IS EQUIPPED WITH AN EMERGENCY VOICE AND COMMUNICATION FIRE ALARM SYSTEM AS REQUIRED FOR **?** OCCUPANCIES (IBC 907.???)
- PORTABLE FIRE EXTINGUISHERS (IBC 906):
  - LEVEL 1: ??,????,??? = ??.??; **??** FIRE EXTINGUISHERS PROVIDED.
  - LEVEL 2: ??,????,??? = ??.??; **??** FIRE EXTINGUISHERS REQUIRED

OCCUPANCY CLASSIFICATION

OCCUPANCY GROUP:
BUILDING 1: **????????????????????**
BUILDING 2: **????????????????????**

MIXED USE AND OCCUPANCY (SECTION 508)
BUILDING 1: SEPARATED OCCUPANCIES (SECTION 508.4)
NO SEPARATION REQUIRED BETWEEN E AND A OCCUPANCIES PER TABLE 508.4

INCIDENTAL ACCESSORY OCCUPANCIES (SECTION 509): **LABS / SHOPS IN E OCCUPANCY SMOKE PARTITIONS PER 509.4.2**

TYPE OF CONSTRUCTION AND FIRE RESISTANCE RATINGS OF BUILDING ELEMENTS

CONSTRUCTION CLASSIFICATION (SECTION 602.2): **TYPE 2B**

FIRE RESISTANCE RATING FOR BUILDING ELEMENTS (TABLE 601)

PRIMARY STRUCTURAL FRAME:	?-HRS
BEARING WALLS	?-HRS
NONBEARING INTERIOR WALLS:	?-HRS
FLOOR AND ROOF CONSTRUCTION:	?-HRS
NORTH - SEPARATION DISTANCE >30 =	?-HRS
SOUTH - SEPARATION DISTANCE >30 =	?-HRS
EAST - SEPARATION DISTANCE >30 =	?-HRS
WEST- SEPARATION DISTANCE >30 =	?-HRS

FIRE-RESISTANCE RATING OF EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE (TABLE 602)

BUILDING HEIGHT AND AREA

BUILDING 1:
ALLOWABLE HEIGHT (IBC TABLE 504.3): ?? FT.
ACTUAL BUILDING HEIGHT: **?? FT.**

ALLOWABLE NUMBER OF STORIES (IBC TABLE 504.4): ? STORIES
ACTUAL NUMBER OF STORIES: **? STORIES**

ALLOWABLE BUILDING AREA (IBC 508.4.2):
BUILDING AREA (IBC 506.2.4):
A-4: A_a = [??,??? + (?,??? x 0.60)]
A_a = ??,??? + ?,???
A_a = **??,???**

E: A_a = [??,??? + (??,??? x 0.65)]
A_a = ??,??? + ?,???
A_a = **??,???**

ACTUAL AREA: LEVEL 1: ??,??? SF
LEVEL 2: ??,??? SF

SUM OF THE RATIOS: = (??,???/??,???) + (??,???/??,???)
(?) (?)
= 0.?? + 0.??
= **0.??; LESS THAN 1**

BUILDING 2:
ALLOWABLE HEIGHT (IBC TABLE 504.3): ?? FT.
ACTUAL BUILDING HEIGHT: **?? FT.**

ALLOWABLE NUMBER OF STORIES (IBC TABLE 504.4): ? STORIES
ACTUAL NUMBER OF STORIES: **? STORIES**

ALLOWABLE BUILDING AREA (IBC 506.2.1):
ACTUAL AREA: ?,??? SF
(ACTUAL AREA LESS THAN TABULAR VALUE OF A; OF ??,??? SF PER TABLE 506.2)

MEANS OF EGRESS

OCCUPANT LOAD CALCULATED AT THE RATE OF 1 OCCUPANT PER UNIT OF OF AREA (IBC 1004.1.2).
TOTAL OCCUPANT LOAD: **?,???**

EGRESS REQUIREMENTS:
1. MINIMUM NUMBER OF EXITS FOR A TOTAL OCCUPANT LOAD OF MORE THAN 1000 (TABLE 1006.3.1): **?**
2. TOTAL ALLOWABLE EXIT ACCESS LENGTH W/ SPRINKLER SYSTEM (IBC TABLE 1017.2): **??? FT**
4. REQUIRED FIRE RESISTANCE RATING OF CORRIDOR FOR E AND A OCCUPANCY WITH SPRINKLER SYSTEM (TABLE 1020.1): **? HOURS**
5. MINIMUM EXIT WIDTH FOR BUILDINGS EQUIPPED WITH EMERGENCY VOICE AND COMMUNICATION (EVAC) FIRE ALARM SYSTEM:
   - STAIRS: **0.?** INCHES / OCCUPANT (IBC 1005.3.1, EXC. 1)
   - DOORS: **0.?** INCHES / OCCUPANT (IBC 1005.3.2, EXC. 1)

ENERGY CONSERVATION

COUNTY, CITY, STATE
CLIMATE ZONE: ??
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT

	REQUIRED	PROVIDED
ROOF: COMPLETELY ABOVE DECK	R-?? ci	R-?? ci
MASS WALL	R-?? ci	R-?? ci
METAL FRAMED	R-?? + ?? ci	R?? + ?? ci
SLAB R-VALUE AND DEPTH	R-?? FOR ??" DEPTH	
DOOR, NON-WOOD	U-??	U-??
FENESTRATION: FIXED	U-??	U-??
FENESTRATION; OPERABLE	U-??	U-??
ENTRANCE DOOR	U-??	U-??
SHGC; PF:0.2 (SEW/N)	U-??/U-??	U-??/U-??

PLUMBING FIXTURES

OCC: EDUCATIONAL - E | **OCCUPANTS: 0** | **(0 M 0 F)**

Educational facilities, K-12	WATER CLOSET		LAVATORIES		BATH/SHWR	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE	FEMALE			
REQUIRED:	**0**	**0**	**0**	**0**		**0**	**1 Service Sink**
PROVIDED:							

*OCCUPANT LOAD USED TO DETERMINE PLUMBING FIXTURE QUANTITY REQUIREMENTS FOR THE E (EDUCATION) OCCUPANCY PORTION OF THE BUILDING EXCLUDE SPACES THAT ARE FOR USE BY THE BUILDING OCCUPANTS ONLY SUCH AS LOBBY/OPEN SEATING, STAFF LOUNGE AND WORKROOM AND LIBRARY.
**FIXTURES IN THE EDUCATION WING ARE ACCESSIBLE TO THE ASSEMBLY WING DURING EVENTS. PLUMBING FIXTURES PROVIDED ARE THE GREATER OF THE 2 OCCUPANCIES REQUIRED NUMBER.

OCC: ASSEMBLY - A-4 | **OCCUPANTS: 0** | **(0 M 0 F)**

Indoor sports	WATER CLOSET		LAVATORIES		BATH/SHWR	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE	FEMALE			
REQUIRED:	**0**	**0**	**1**	**1**		**0**	**1 Service Sink**
PROVIDED:							

*WHERE TOTAL COMBINED WATER CLOSETS IS 6 OR MORE, A FAMILY/ASSISTED USE RESTROOM IS REQUIRED.
REQUIRED FAMILY/ASSISTED USE RESTROOM CAN BE COUNTED AS A REQUIRED FIXTURE FOR MALE/FEMALE.

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OWNER REVIEW

REVISIONS

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REVIEWED BY	Approver
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PROJECT NO	20-0010

DRAWING NAME

BUILDING 2 - LEVEL 1 - LIFE SAFETY PLAN

SHEET NO

GI002.2.1

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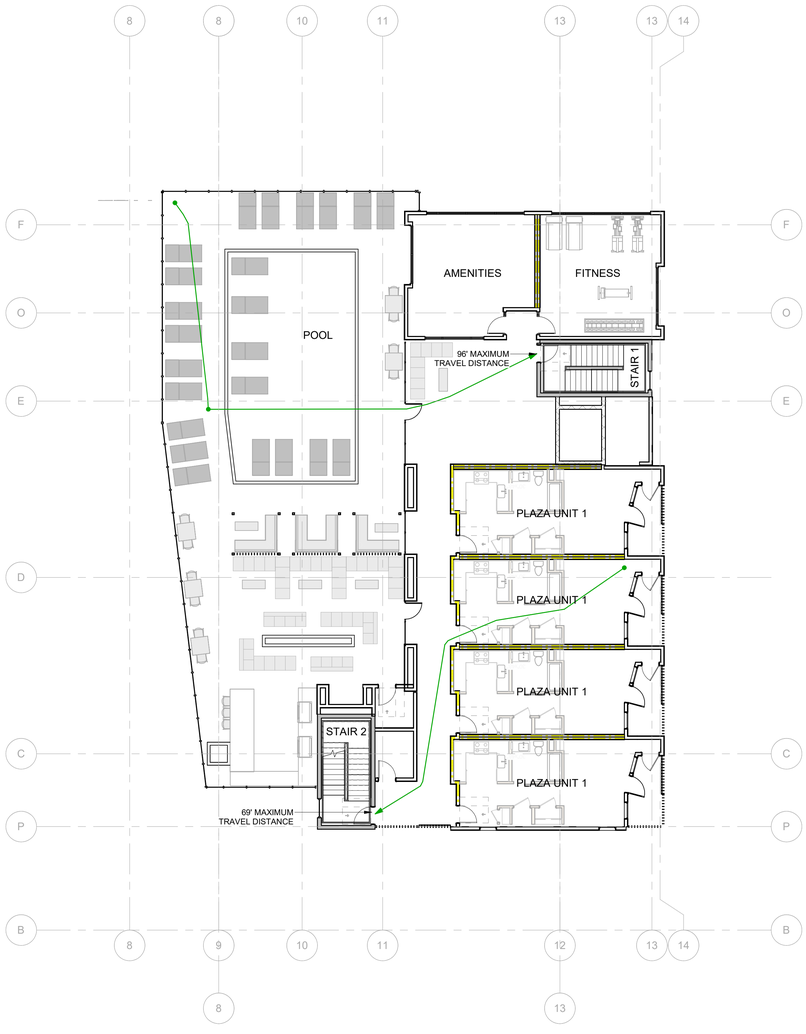
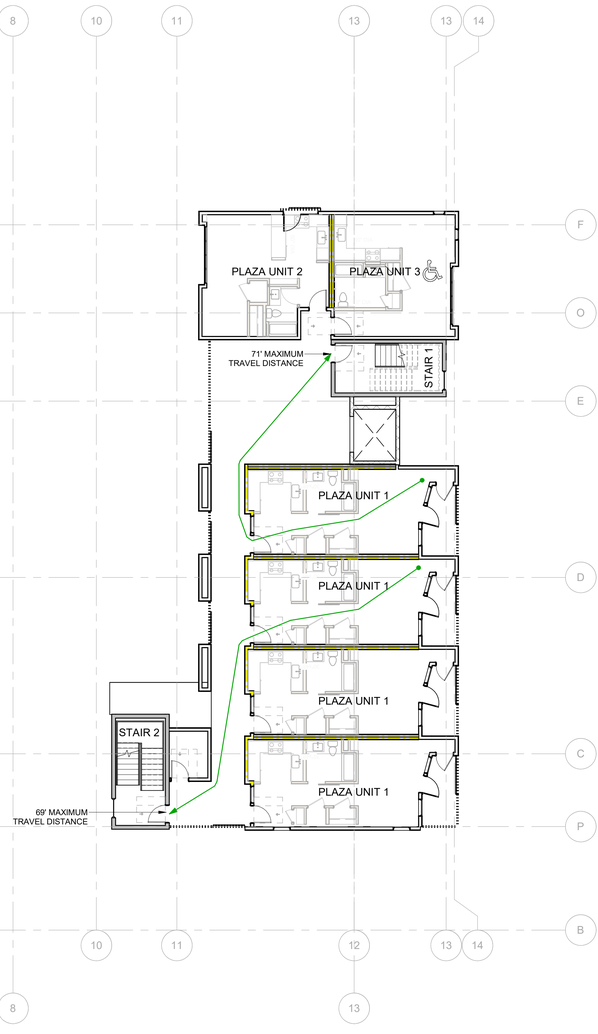


NORTH A1 BUILDING 2 - LEVEL 2 - LIFE SAFETY PLAN
3/32" = 1'-0"



NORTH A4 BUILDING 2 - LEVEL 3 - LIFE SAFETY PLAN
3/32" = 1'-0"

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DRAWING NAME

BUILDING 2 - LEVELS 2 AND 3 - LIFE SAFETY PLANS

SHEET NO

GI002.2.2

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NORTH A1 BUILDING 2 - LEVEL 4 - LIFE SAFETY PLAN
3/32" = 1'-0"

NORTH A4 BUILDING 2 - LEVEL 5 - LIFE SAFETY PLAN
3/32" = 1'-0"

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DRAWING NAME

BUILDING 2 - LEVELS 4 AND 5 - LIFE SAFETY PLANS

SHEET NO

GI002.2.3

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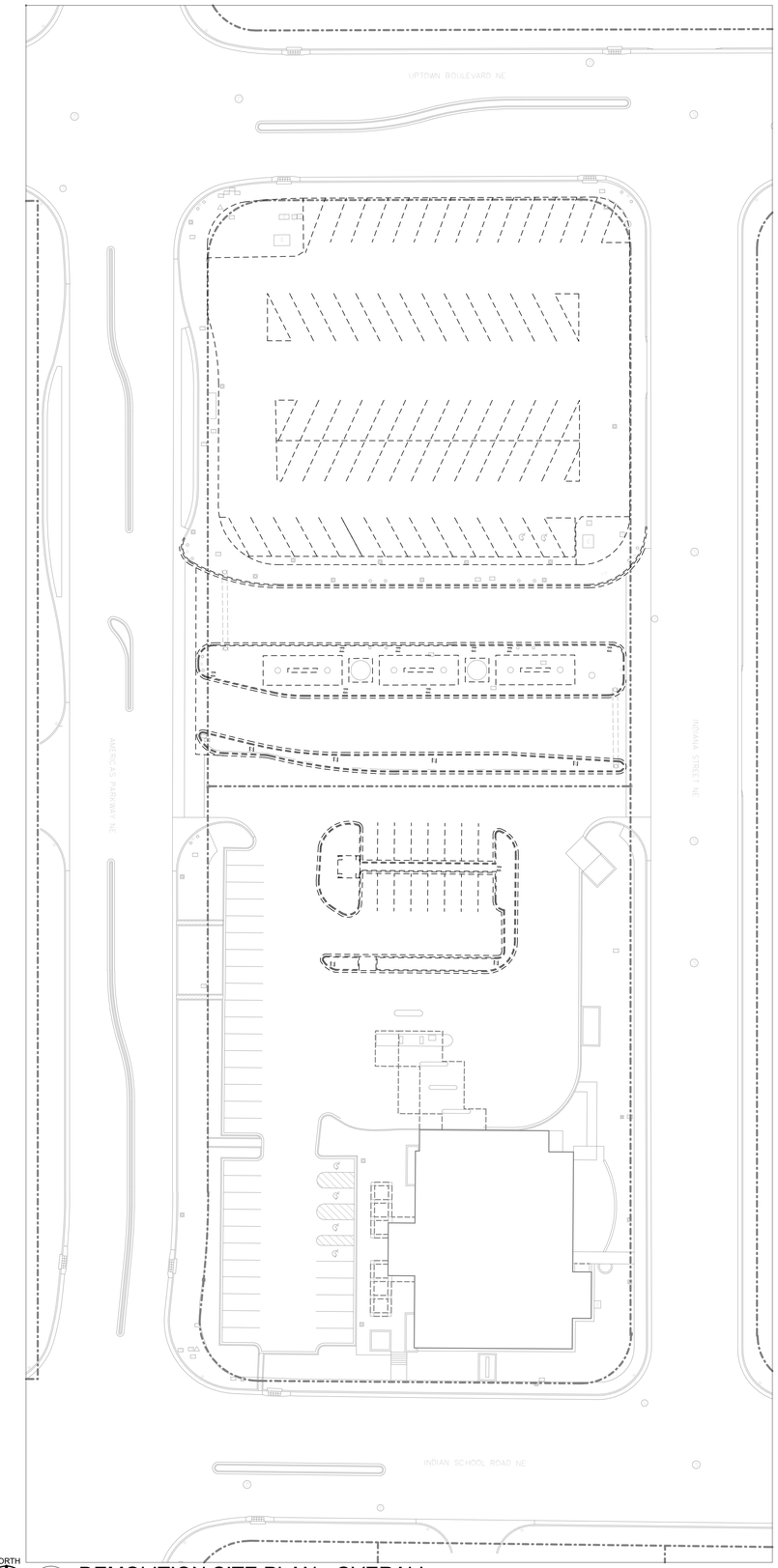


NORTH

A1 DEMOLITION SITE PLAN - OVERALL
1" = 30'-0"

GENERAL SHEET NOTES

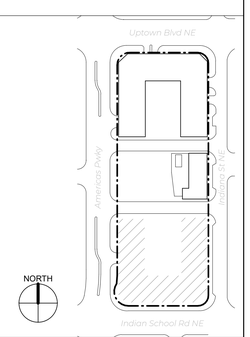
A. DEMOLITION PLANS HAVE BEEN CREATED FROM EXISTING PLANS AND FIELD OBSERVATIONS. THEY ARE NOT INTENDED TO BE EXACT AND ALL INCLUSIVE. FIELD VERIFY LOCATIONS OF EXISTING CONDITIONS PRIOR TO STARTING CONSTRUCTION.
B. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR DEVIATIONS FROM THE SCOPE OF WORK PRIOR TO PROCEEDING.
C. CAP ALL UTILITIES TO REMAIN EITHER BELOW GRADE OR WITHIN CONCEALED CONSTRUCTION.
D. "DEMOLISH" MEANS TO REMOVE ITEM AND ALL ASSOCIATED COMPONENTS AND PROPERLY DISPOSE OFF SITE. "REMOVE" MEANS TO SALVAGE ITEM AND TURN OVER TO OWNER. "SALVAGE" MEANS TO REMOVE ITEM FOR RE-USE AS DIRECTED.
E. WHERE INTERIOR BUILDING FINISHES ARE TO BE REMOVED, CLEAN AND PREP AS NECESSARY FOR INSTALLATION OF NEW FINISHES.
F. PRIOR TO COMMENCEMENT OF WORK, COORDINATE WITH THE OWNER ANY ABATEMENT REQUIREMENTS ASSOCIATED WITH WORK TO OCCUR IN EXISTING BUILDINGS.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



NORTH

DEKKER PERICH SABATINI

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UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

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PROJECT NO	20-0010

DRAWING NAME

ARCHITECTURAL DEMOLITION SITE PLAN

SHEET NO

ASD101

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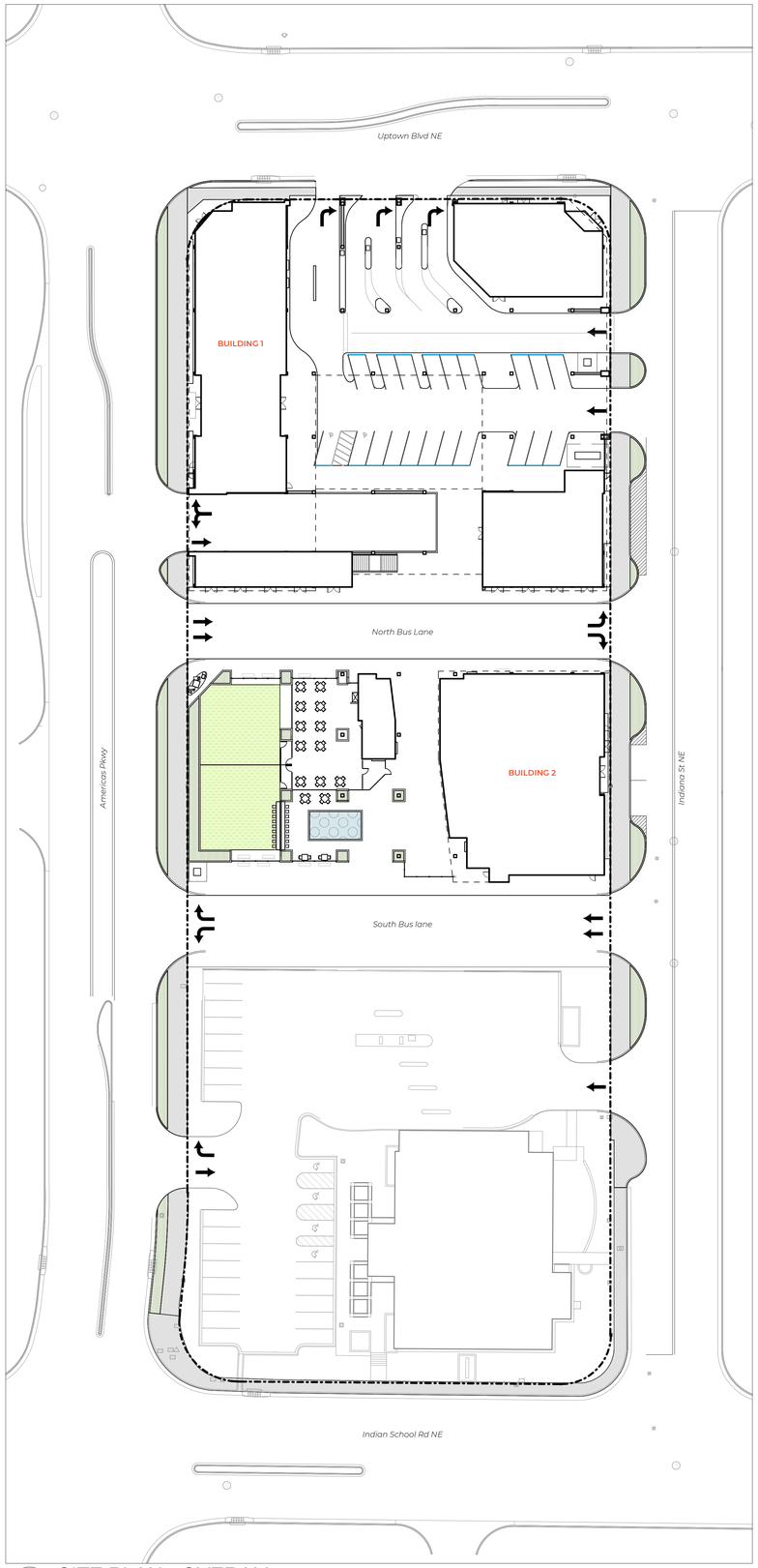
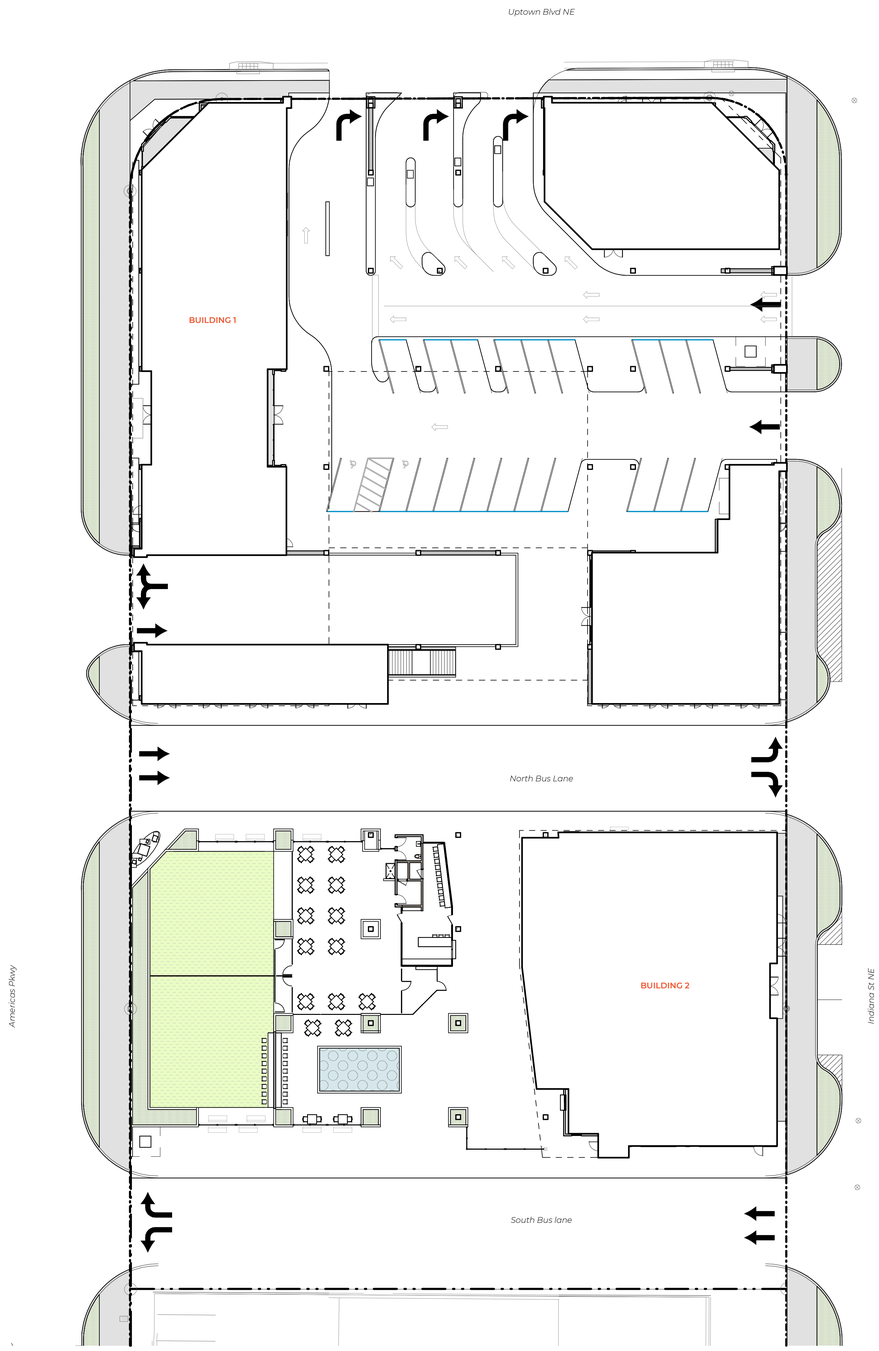


NORTH A1 SITE PLAN - OVERALL
1" = 30'-0"



NORTH A4 SITE PLAN
1" = 20'-0"

GENERAL SHEET NOTES

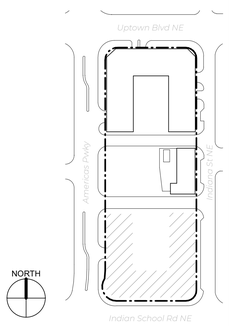
A. VERIFY ALL EXISTING UTILITY LOCATIONS BEFORE EXCAVATION.
B. SEE SITE DEMOLITION AND LANDSCAPE DRAWINGS FOR LOCATION OF EXISTING TREES TO REMAIN.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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UPTOWN CONNECT

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ALBUQUERQUE NM 87110

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PROJECT NO	20-0010

DRAWING NAME

ARCHITECTURAL SITE PLAN

SHEET NO

AS101

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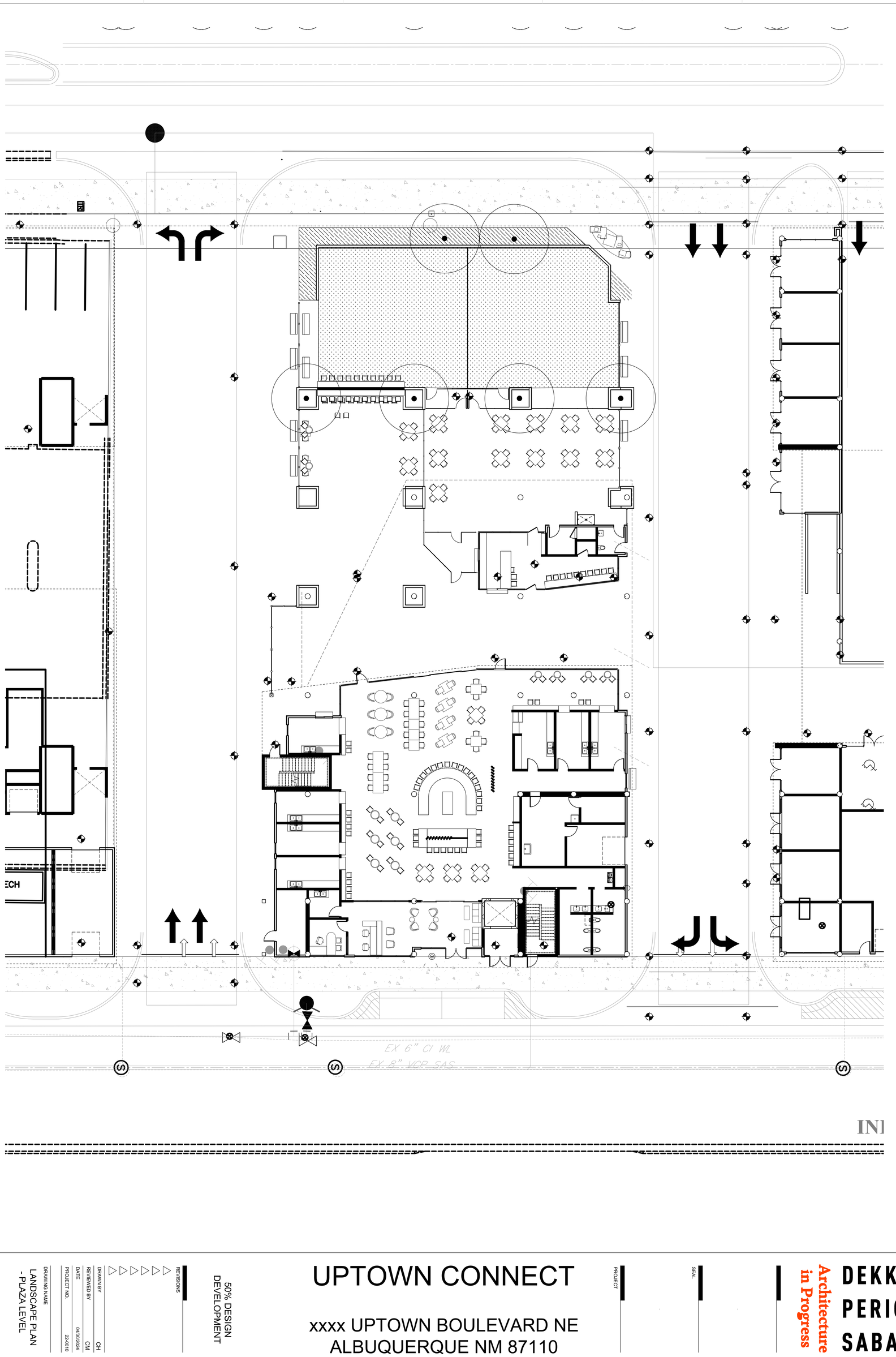

NORTH

A1 LANDSCAPE PLAN - PLAZA LEVEL

1" = 10'-0"

0 10' 20'

30% SUBMITTAL PACKAGE

UPTOWN CONNECT

xxxx UPTOWN BOULEVARD NE
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50% DESIGN DEVELOPMENT

REVISIONS

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REVIEWED BY	CM
DATE	04/30/2024
PROJECT NO.	22-0010

DRAWING NAME
LANDSCAPE PLAN - PLAZA LEVEL

SHEET NO.
LP101

GENERAL CRITERIA:

1. COORDINATION WITH OTHER DRAWINGS:

   A. SEE DRAWINGS OTHER THAN STRUCTURAL FOR KINDS OF FLOOR FINISH AND THEIR LOCATION, DEPRESSIONS IN FLOOR SLABS, OPENINGS IN WALLS AND FLOORS REQUIRED BY ARCHITECTURAL FEATURES, WALKS, RAMPS, STAIRS, CURBS, ETC.
   B. HOLES AND OPENINGS THROUGH WALLS, BEAMS, AND FLOORS FOR DUCTS, PIPING AND VENTILATION SHALL BE CHECKED BY THE CONTRACTOR, WHO SHALL VERIFY SIZES AND LOCATIONS OF SUCH HOLES OR OPENINGS WITH THE PLUMBING, HVAC, ELECTRICAL DRAWINGS AND THE SUB CONTRACTORS.
   C. SEE ARCHITECTURAL DRAWINGS FOR WALLS NOT SHOWN ON STRUCTURAL DRAWINGS.
   D. DISCREPANCIES: COORDINATE STRUCTURAL DRAWINGS WITH OTHER DRAWINGS FOR INDIVIDUAL ITEMS. DISCREPANCIES UNCOVERED, IF ANY, SHALL BE REPORTED TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.
   E. TYPICAL EDGE OF STRUCTURE / SLAB IS SHOWN ON THE STRUCTURAL DRAWINGS. CONTRACTOR TO COORDINATE LOCATIONS, DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL EXTERIOR WALL SECTIONS.
   F. TYPICAL CURB DETAILS ARE SHOWN ON STRUCTURAL DRAWINGS. CONTRACTOR TO COORDINATE LOCATIONS WITH ARCHITECTURAL DETAILS.
   G. DO NOT SCALE DRAWINGS FOR THE PURPOSE OF DETERMINING DIMENSIONS.

2. INTENT: IF CERTAIN CONDITIONS ARE NOT SPECIFICALLY CUT OR DETAILED IN THE CONTRACT DOCUMENTS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS CUT AND DETAILED ELSEWHERE IN THE CONTRACT DOCUMENTS.

3. TYPICAL DETAILS, SECTIONS, AND SCHEDULES ARE SHOWN ON SHEETS SB301 THROUGH SB601 AND SF301 THROUGH SF601 AND APPLY TO ALL CONSTRUCTION EXCEPT WHERE SHOWN DIFFERENTLY ON THE PLANS AND DETAILS.

4. FOR DETAILS, LOCATIONS AND NUMBER OF INSERTS, EMBEDDED ITEMS, EQUIPMENT SUPPORT PADS, EQUIPMENT ANCHOR RODS AND SIMILAR ITEMS, REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS.

5. NO OPENINGS, MODIFICATIONS OR REVISIONS SHALL BE MADE TO ANY MEMBERS OF THE STRUCTURAL SYSTEM WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ARCHITECT AND ENGINEER OF RECORD.

6. EXISTING CONDITIONS:

   A. NEW CONSTRUCTION MUST BE COORDINATED WITH EXISTING SITE CONDITIONS.
   B. LOCATE AND PROTECT ALL EXISTING UNDERGROUND FACILITIES AND UTILITIES.
   C. REMOVE ALL MATERIAL THAT WILL INTERFERE WITH NEW BUILDING FOUNDATIONS AS PER GEOTECHNICAL CONSULTANT'S RECOMMENDATIONS.
   D. DO NOT CUT OR DRILL THROUGH EXISTING REINFORCING OR CABLE TENDONS. X-RAY TO LOCATE REINFORCING OR CABLE TENDONS AT LOCATIONS REQUIRING CUTTING OR CORING PRIOR TO START OF CONSTRUCTION. SUBMIT REINFORCEMENT LOCATION IN CONFLICT WITH DRAWINGS TO ARCHITECT FOR REVIEW.
   E. ALL DIMENSIONS OF EXISTING CONSTRUCTION ARE APPROXIMATE; CONTRACTOR SHALL MAKE ALL NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURES, TO VERIFY DIMENSIONS SHOWN ON DRAWINGS AND TO PROVIDE DIMENSIONS NOT SHOWN, PRIOR TO FABRICATION. COSTS FOR MODIFICATIONS OF NEW CONSTRUCTION, DUE TO LACK OF CONFIRMATION OF DIMENSIONS BY FIELD MEASUREMENTS SHALL BE BORNE BY THE CONTRACTOR.
   F. CONTRACTOR'S STRUCTURAL STEEL DETAILER SHALL MAKE NECESSARY FIELD MEASUREMENTS OF EXISTING STRUCTURAL STEEL TO ENSURE NEW CONNECTION DETAILS SHOWN ARE COMPATIBLE WITH EXISTING CONNECTIONS AND ARE CONSTRUCTIBLE AS DETAILED.

7. STRUCTURAL STABILITY:

   A. THE STRUCTURE SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER FINAL, FULLY CONSTRUCTED CONDITIONS.
   B. PROVIDE SAFE AND ADEQUATE SHORING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION.
   C. WHERE BACKFILL IS PLACED AGAINST WALLS, THE WALLS SHALL BE BRACED OR OTHERWISE ADEQUATELY SHORED UNTIL PERMANENT BRACING ELEMENTS OR SLABS HAVE BEEN ERECTED AND HAVE ATTAINED DESIGN STRENGTH.

8. SUBMITTAL REQUIREMENTS:

   A. IN THE ABSENCE OF SPECIFIC REQUIREMENTS IN THESE NOTES OR THE SPECIFICATIONS, SUBMIT SHOP DRAWINGS FOR THE FOLLOWING MATERIALS:
      a. WOOD TRUSSES.

DESIGN CRITERIA:

THE FOLLOWING CRITERIA COVERS THE STRUCTURAL DESIGN OF THIS BUILDING STRUCTURE.

1. DESIGN CODE:

   A. 2021 INTERNATIONAL BUILDING CODE AND ALL APPLICABLE REFERENCES.

2. RISK CATEGORY: II

3. DESIGN LOADS:

   VERTICAL:

   A. DEAD LOADS - BUILDING IS DESIGNED FOR THE ACTUAL IN-PLACE WEIGHTS OF ALL MATERIALS SHOWN ON THE CONSTRUCTION DOCUMENTS.
   B. DESIGN LOADS:

	LIVE
FLOOR	?? PSF
CORRIDORS	?? PSF
STAIRS	?? PSF
STORAGE AREAS	?? PSF
CONCENTRATED	?? PSF
REDUCTION FACTOR, R	??%
MECHANICAL ROOMS	?? PSF
OFFICES FLOORS	?? PSF
ROOF (NON-REDUCIBLE)	?? PSF

   C. ADDITIONAL SUPERIMPOSED LOADS:

PARTITIONS	?? PSF
SUSPENDED EQUIPMENT	?? PSF

   D. ROOF SNOW LOAD:

GROUND SNOW LOAD, P_g	14 PSF
FLAT ROOF SNOW LOAD, P_f	?? PSF
SNOW EXPOSURE FACTOR, C_e	??
SNOW IMPORTANCE FACTOR, I_s	??
THERMAL FACTOR, C_t	??

   HORIZONTAL:

   A. WIND DESIGN DATA:
      ANALYSIS PROCEDURE: DIRECTIONAL PROCEDURE
      ULTIMATE DESIGN WIND SPEED (3 SEC. GUST): V_{ult} = 104 MPH
      NOMINAL DESIGN WIND SPEED: V_{asd} = 81 MPH
      WIND EXPOSURE CATEGORY: C
      INTERNAL PRESSURE COEFFICIENT: ± 0.18
      DESIGN ULTIMATE WIND PRESSURE FOR COMPONENTS AND CLADDING AT WALL ELEMENTS WITH 10 SQUARE FEET TRIBUTARY AREA:
         TYPICAL = 28 PSF
         WITHIN 20 FEET OF BUILDING CORNERS = 45 PSF
   B. EARTHQUAKE DESIGN DATA:
      ANALYSIS PROCEDURE:
         EQUIVALENT LATERAL FORCE PROCEDURE
      SOIL SITE CLASS: D
      SPECTRAL RESPONSE ACCELERATIONS: S_S = 0.408, S_1 = 0.132
      SITE COEFFICIENTS: F_a = 1.474, F_v = 2.336
      EARTHQUAKE SPECTRAL RESPONSE
         ACCELERATION PARAMETERS: S_{MS} = 0.601, S_{M1} = 0.308, S_{DS} = 0.401, S_{D1} = 0.206
      SEISMIC IMPORTANCE FACTOR: I_E = 1.000
      SEISMIC DESIGN CATEGORY: D
      SEISMIC FORCE-RESISTING SYSTEM:
      SPECIAL REINFORCED CONCRETE SHEAR WALLS
      RESPONSE MODIFICATION COEFFICIENT: R = 6
      SEISMIC RESPONSE COEFFICIENT: C_S = ??
   DESIGN BASE SHEAR:

MATERIAL CRITERIA:

1. CAST-IN-PLACE CONCRETE:

   A. ALL CONCRETE WORK SHALL CONFORM TO "SPECIFICATIONS FOR STRUCTURAL CONCRETE," ACI 301.
   B. SEE SCHEDULE ON ??/S001 FOR CONCRETE MIX DESIGN AND 28 DAY STRENGTH REQUIREMENTS.
   C. ALL CONCRETE SHALL BE REINFORCED UNLESS SPECIFICALLY NOTED "NOT REINFORCED."
   D. STEM WALLS, GRADE BEAMS, AND RETAINING WALLS SHALL NOT BE CAST AGAINST EXCAVATED VERTICAL SIDE SURFACES.
   E. CONTROL JOINTS IN SLABS ON GRADE SHALL BE PROVIDED WHERE NOTED ON PLANS, BUT SHALL NOT EXCEED 12 FOOT SPACING.
   F. LIMIT SITE AND RETAINING WALL POURS TO A MAXIMUM OF 40 FEET BETWEEN CONSTRUCTION JOINTS. CONTROL JOINT SPACING IN WALLS SHALL NOT EXCEED HALF OF THE SPACING BETWEEN CONSTRUCTION JOINTS OR 20 FEET. ONE HALF-INCH EXPANSION JOINTS IN RETAINING WALL SHALL BE PLACED AT SPACING NOT EXCEEDING 40 FEET. COORDINATE LOCATIONS OF JOINTS WITH ARCHITECTURAL PLANS.
   G. ALL CAST-IN ANCHORS FOR COLUMNS AND WALL ELEMENTS SHOWN ON THE STRUCTURAL DRAWINGS MUST BE SECURELY SUPPORTED IN POSITION PRIOR TO PLACEMENT OF CONCRETE. INSERTING THESE BOLTS INTO WET CONCRETE IS NOT ALLOWED UNLESS SPECIFICALLY NOTED ON THE DRAWINGS OR APPROVED IN WRITING.
   H. PIPE AND CONDUIT WILL NOT BE PERMITTED TO BE INSTALLED HORIZONTALLY IN SLABS WITHOUT PRIOR APPROVAL OF THE ARCHITECT. SEE ??/SB??? FOR CONDUIT TO BE RUN BENEATH SLAB-ON GRADE.
   I. AT INTERIOR SLABS-ON-GROUND OVER VAPOR RETARDER COMPLY WITH THE FOLLOWING:
      a. MOIST CURING OF SLABS ON GROUND IS REQUIRED. SEE SPECIFICATIONS FOR MORE INFORMATION.
      b. CARE SHALL BE TAKEN TO PREVENT WATER INTRUSION INTO THE SUBGRADE BOTH PRIOR TO AND AFTER SLAB POURS.
      c. TIMING OF SLAB SAWCUT JOINTS IS CRITICAL TO SLAB CURING PERFORMANCE. SAWCUT JOINTS FOR CONTROL JOINTS SHALL BE MADE AT THE EARLIEST POSSIBLE TIME THAT THE CONCRETE WILL SUPPORT THE WEIGHT OF EQUIPMENT AND OPERATORS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

2. POST-TENSIONED CONCRETE:

   MATERIAL:
   A. STRAND QUALITY: POST-TENSIONING TENDONS SHALL BE LOW-RELAXATION STRAND CONFORMING TO THE FOLLOWING:
      a. SEVEN-WIRE STRAND ASTM DESIGNATION: A416
      b. MINIMUM ULTIMATE STRENGTH 270 ksi
      c. 1/2" DIAMETER TENDON AREA 0.153in2/
      d. ONE SAMPLE OF EACH REEL OR HEAT SHALL BE TESTED BY AN APPROVED LABORATORY. MILL CERTIFICATES MAY BE SUBMITTED IN LIEU OF INDEPENDENT TESTING. TEST RESULTS OR MILL CERTIFICATES SHALL BE SUBMITTED TO THE ENGINEER BEFORE ANY TENDONS ARE INSTALLED.
      e. STRAND IS COATED WITH RUST PREVENTATIVE COATING AND ENCLOSED IN AN HDPE EXTRUDED 50 MILL PLASTIC SLIPPAGE SHEATHING.
   B. PT HARDWARE QUALITY: ALL ANCHORAGES, COUPLERS, AND MISCELLANEOUS HARDWARE SHALL BE STANDARD PRODUCTS AND APPROVED BY GOVERNING AGENCIES AND THE ENGINEER. PT SUPPLIER TO VERIFY IF AN ENCAPSULATED SYSTEM IS REQUIRED FOR THE PROJECT. ALL ANCHORING HARDWARE WILL MEET THE MINIMUM REQUIREMENTS SET FOR IN ACI STANDARD BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI-318-LATEST EDITION) AND POST-TENSIONING INSTITUTE (PTI) "SPECIFICATIONS FOR UNBANDED SINGLE TENDONS" (LATEST EDITION).
   C. SHEATHING: UNBONDED TENDONS SHALL BE ENCASED IN A SLIPPAGE SHEATHING WHICH SHALL BE MANUFACTURED BY A PROCESS THAT PROVIDES WATERTIGHT ENCASEMENT OF THE CORROSION INHIBITING COATING MATERIAL (P-T COATING) SO AS TO PREVENT THE INTERNAL MIGRATION OF ANY WATER. SHEATHING SHALL BE OF SUFFICIENT STRENGTH AND DURABILITY TO RESIST DAMAGE DURING NORMAL FABRICATION, TRANSPORTATION, INSTALLATION, AND CONCRETE PLACEMENT OPERATIONS. MINIMUM SHEATHING THICKNESS SHALL BE 0.050". TEARS IN THE SHEATHING SHALL BE REPAIRED BY REPLACING THE P-T COATING AND RESTORING THE WATER TIGHTNESS. TENDONS SHALL BE PROTECTED DURING SHIPPING AND HANDLING TO AVOID DAMAGE TO THE TENDON SHEATHING DURING TRANSPORTATION AND OFF-LOADING AT THE JOB SITE. TENDONS SHALL NOT BE EXPOSED TO DE-ICING SALTS OR ANY OTHER FORM OF CORROSIVE ELEMENT.
   D. CONCRETE: STRENGTH AND MATERIAL DATA FOR ALL CONCRETE MIXES TO BE USED ON THE PROJECT SHALL BE PROVIDED TO THE ENGINEER AT LEAST ONE WEEK PRIOR TO THEIR USE. NO ADMIXTURES SHALL BE ADDED TO THE CONCRETE MIX WITHOUT APPROVAL OF THE ENGINEER OF RECORD. ADMIXTURES OF CONCRETE CONTAINING CHLORIDES SHALL NOT BE USED IN POST-TENSIONED SLABS.

   INSTALLATION:
   1. INSTALLATION OF UNBONDED TENDONS: IF THE POST-TENSIONING SUPPLIER DOES NOT INSTALL THE POST-TENSIONING MATERIAL, DETAILED INSTRUCTIONS FOR THE INSTALLATION AND STRESSING OF THE TENDONS SHALL BE FURNISHED TO THE INSTALLER. THE CONTRACTOR RESPONSIBLE FOR HIRING THE INDEPENDENT POST-TENSIONING INSTALLER SHALL ENSURE THAT THE INSTALLATION CREW MEETS THE STANDARD SET FORTH IN THE FOLLOWING NOTES/SPECIFICATIONS. THE POST-TENSIONING MATERIAL SUPPLIER SHALL PROVIDE INITIAL JOB SITE TECHNICAL ASSISTANCE TO INSTRUCT THE INSTALLER ON ANY SPECIAL REQUIREMENTS OF THEIR SYSTEM TO ENSURE PROPER INSTALLATION, STRESSING AND FURNISHING OF ALL POST-TENSIONING MATERIAL.
   2. TENDONS: TENDONS SHALL BE SHOP-FABRICATED WITH PRE-ASSEMBLED FIXED-END ANCHORAGES. PLASTIC POCKET FORMERS SHALL BE USED AT ALL STRESSING-ENDS TO RECESS THE ANCHOR CASTINGS SO THAT THE REQUIRED COVER IS ACHIEVED.
   3. TENDON PLACEMENT: CARE SHALL BE TAKEN THAT TENDONS ARE LOCATED AND HELD IN THEIR DESIGNATED POSITIONS SHOWN ON THE PERMITTED INSTALLATION DRAWINGS. EXCEPT AS NOTED OR SPECIFIED BY THE ENGINEER, TOLERANCES FOR THE VERTICAL LOCATION OF THE PRE-STRESSING STEEL SHALL NOT BE MORE THAN +1/4" FOR SLAB THICKNESS LESS THAN 8", +3/8" FOR SLABS THICKER THEN 8". ACCESS SHALL BE PROVIDED TO STRESSING ENDS.
   4. TENDON GROUPS: TENDONS IN BEAMS SHALL BE GROUPED TO PROVIDE ADEQUATE CLEARANCE TO MILD REINFORCING AND FACILITATE CONCRETE PLACEMENT. A MAXIMUM OF (4) TENDONS IS ALLOWED PER GROUP UNLESS NOTED OTHERWISE.
   5. TENDONS OVER COLUMNS: IN TWO-WAY SLAB CONSTRUCTION, A MINIMUM OF (2) TENDONS SHALL BE PLACED DIRECTLY OVER THE SUPPORTING COLUMN (WITHIN THE COLUMN CAGE), IN EACH ORTHOGONAL DIRECTION.
   6. TENDON ADJUSTMENTS: SMALL DEVIATIONS IN THE HORIZONTAL SPACING OF THE SLAB TENDONS WILL BE PERMITTED WHEN REQUIRED TO AVOID OPENINGS, INSERTS AND DOWELS WITH SPECIFIC LOCATION REQUIREMENTS. WHERE TENDON LOCATIONS INTERFERE WITH EACH OTHER, ONE TENDON MAY BE MOVED HORIZONTALLY IN ORDER TO AVOID THE INTERFERENCE.
   7. TWISTING: TWISTING OR ENTWINING OF INDIVIDUAL TENDONS WITHIN A GROUP SHALL NOT BE PERMITTED. ENTWINING OF GROUPS WITHIN A BEAM SHALL NOT BE PERMITTED.
   8. VERTICAL PROFILES: PROFILES SHALL CONFORM TO CONTROL POINTS SHOWN ON THE DRAWINGS AND SHALL BE APPROXIMATE PARABOLIC DRAPE BETWEEN SUPPORTS UNLESS NOTED OTHERWISE. LOW POINTS SHALL BE AT MIDSPAN UNLESS NOTED OTHERWISE. HARPED TENDONS SHALL BE STRAIGHT BETWEEN HIGH AND LOW POINTS.
   9. HORIZONTAL PROFILES: IF TENDONS MUST BE CURVED HORIZONTALLY TO AVOID OPENINGS OR OTHER OBSTRUCTIONS, TENDON GROUPS SHALL BE FLARED SUCH THAT A MINIMUM OF 2" OF SEPARATION IS MAINTAINED BETWEEN EACH INDIVIDUAL TENDON. TENDONS SHALL BE FLARED AT MORE THEN 1:12, #4 HAIRPINS AT 12" OC SHALL BE USED TO TRANSFER THE HORIZONTAL RADIAL FORCE TO THE CONCRETE UNLESS NOTED OTHERWISE ON THE APPROVED PLANS, SEE D5/SF321.
   10. TENDON COVER: ALL DIMENSIONS SHOWING THE LOCATION OF PRESTRESSING TENDONS ARE TO THE CENTER OF GRAVITY OF THE TENDON (CGS) UNLESS NOTED OTHERWISE. MINIMUM TOP AND BOTTOM COVER IS 1 3/4" UNLESS NOTED OTHERWISE.
   11. MINIMUM CHAIRING FOR SLAB TENDONS: TENDONS SHALL BE SUPPORTED ON REINFORCING BARS SPACED AT A MAXIMUM 4'-0" OC AND SHALL BE SECURED TO POSITIONING DEVICES AT EACH TENDON/SUPPORT BAR INTERSECTION TO ENSURE THAT THE CORRECT VERTICAL AND HORIZONTAL LOCATION IS MAINTAINED DURING THE PLACING OF THE CONCRETE, SEE A3/SF521.
   12. SUPPORT BARS: SUPPORT BARS SHALL BE #4 BARS MINIMUM, SEE A3/SF521.
   13. ANCHORAGES: ANCHORAGE DEVICES SHALL BE RECESSED A MINIMUM OF 2". (2) #4 BACKUP BARS SHALL BE PLACED BEHIND ALL ANCHORAGES UNLESS NOTED OTHERWISE. SPLICE LENGTHS FOR THE BACKUP BARS SHALL BE 24" MINIMUM AND SHALL BE STAGGERED AT LEAST 5'-0". HAIRPIN REINFORCEMENT SHALL BE PROVIDED IN SLABS IF THERE ARE 6 OR MORE ANCHORS FOR 1/2" DIAMETER STRAND TENDONS SPACED 12" OR LESS ON CENTER.
   14. BLOCKOUTS/POCKETS: ALL BLOCKOUTS OR POCKETS REQUIRED FOR ACCESS TO ANCHORAGES IN BEAMS OR SLABS SHALL BE ADEQUATELY REINFORCED SO AS NOT TO DECREASE THE STRENGTH OF THE STRUCTURE. ALL BLOCKOUTS AND POCKETS SHALL BE SEALED IN SUCH A MANNER AS TO ELIMINATE WATER LEAKAGE THROUGH OR INTO THE BLOCKOUT POCKET. LOCATION OF ALL BLOCKOUTS AND POCKETS SHALL BE INDICATED BY THE ENGINEER.
   15. PIPES AND CONDUITS:
       a. NOT PERMITTED TO BE EMBEDDED IN POST-TENSIONED SLAB.
       b. SHALL NOT INTERRUPT OR DISPLACE THE POST-TENSIONING TENDONS OR MILD REINFORCING.
       c. PENETRATIONS SHALL NOT BE PERMITTED IN BEAMS, COLUMNS, OR SHEARWALLS UNLESS SHOWN ON THE POST-TENSIONING DRAWINGS OR TYPICAL DETAILS AND APPROVED BY THE ENGINEER.
   16. STRESSING OF TENDONS: TENDON STRESSES SHALL CONFORM TO THE FOLLOWING:
       a. MAX TENDON JACKING STRESS = 216 ksi
       b. MAX TENDON STRESS IMMEDIATELY AFTER PRESTRESS TRANSFER = 200 ksi
       c. TENDON STRESS AT ANCHORAGE IMMEDIATELY AFTER PRESTRESS
          • TRANSFER = 189 ksi
   17. MARKING OF TENDON LOCATION: THE HORIZONTAL POSITION OF THE SLAB TENDONS MUST BE MARKED ON THE BOTTOM OF THE SLAB. THIS MAY BE ACCOMPLISHED BY ATTACHING MARKERS TO THE SLAB FORM WORK OR BY SPRAY PAINTING THE FORM WORK ALONG THE TENDON PATH JUST PRIOR TO PLACEMENT OF CONCRETE. THE PAINT MARKS WILL TRANSFER TO THE CONCRETE SOFFIT TO PERMANENTLY MARK THE TENDON LOCATIONS AND CAN BE HIDDEN BY SUSPENDED CEILING SYSTEMS.
   18. POWER DRIVEN FASTENERS: POWER DRIVEN FASTENERS OR INSERTS SHALL NOT BE INSTALLED INTO POST-TENSIONED CONCRETE AFTER THE CONCRETE IS PLACED UNLESS THERE IS WRITTEN APPROVAL FROM THE ENGINEER OF RECORD. POWER DRIVEN FASTENERS WILL ONLY BE APPROVED IF THEY ARE LOCATED TO AVOID THE POST-TENSIONING TENDONS AND ANCHORAGES AND IT CAN BE SHOWN THEY WILL NOT SPALL THE CONCRETE.
   19. OPENINGS: OPENINGS, PENETRATIONS AND INSERTS SHALL BE DETERMINED TO THE FULLEST EXTENT PRIOR TO TENDON LAYOUT. NO CHANGES SHALL BE MADE IN THE FIELD WITHOUT WRITTEN DIRECTION FROM THE ENGINEER.
   20. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER OF RECORD A MINIMUM OF (3) WEEKS PRIOR TO SCHEDULED INSTALLATION OF THE TENDONS. SHOP DRAWINGS SHALL SHOW THE TENDON LAYOUT, ANCHORAGE LOCATIONS, AND TENDON SUPPORTS WITH ALL DETAILS NECESSARY TO ENSURE PROPER INSTALLATION. THE REVIEW OF THE SHOP DRAWINGS BY THE ENGINEER OF RECORD IS ONLY FOR GENERAL COMPLIANCE WITH THE STRUCTURAL DRAWINGS AND SPECIFICATIONS.
   21. THE FIELD FOREMAN RESPONSIBLE FOR THE PLACEMENT, STRESSING AND FINISHING OF ALL POST-TENSIONING MATERIAL (INCLUDING ALL MILD REINFORCING NECESSARY FOR PROPER INSTALLATION OF TENDONS) SHALL BE PTI CERTIFIED WITH A MINIMUM OF 5 YEARS EXPERIENCE IN THIS CAPACITY FOR THIS TYPE OF CONSTRUCTION.
   22. DESIGN CRITERIA: PRE-STRESSED CONCRETE SLAB DESIGNED TO MEET THE REQUIREMENTS OF A CLASS U SYSTEM PER ACI 318.

3. REINFORCING STEEL:

   A. ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318) AND THE STANDARD MANUAL (ACI 315).
   B. USE ASTM A615 GRADE 60 FOR ALL REINFORCING STEEL.
   C. USE ASTM A1064 FOR ALL WELDED WIRE FABRIC. PROVIDE IN FLAT SHEETS ONLY.
   D. LAP WIRE FABRIC TWO FULL MESH PANELS AND TIE SECURELY.
   E. ALL REINFORCEMENT SHALL BE CONTINUOUS. STAGGER SPLICES WHERE POSSIBLE. LAPS FOR SPLICES SHALL BE AS INDICATED ON SHEET SB???, UNLESS OTHERWISE SHOWN OR NOTED.
   F. BAR SUPPORTS AND SPACERS FOR REINFORCING SHALL BE PROVIDED IN ACCORDANCE WITH ACI 315. CHAIRS WITH 22 GA SAND PLATES OR PRECAST BLOCKS SHALL BE PROVIDED FOR ALL REINFORCING OF CONCRETE IN CONTACT WITH GRADE. DECK CHAIRS SHALL BE PROVIDED FOR ALL WELDED WIRE FABRIC IN SLABS OVER METAL DECK. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS.
   G. REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.
   H. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT (CLEAR DISTANCE):
      a. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
      b. CONCRETE EXPOSED TO EARTH OR WEATHER:
         2" (#6 AND LARGER)
         1 1/2" (#5 AND SMALLER)
      c. COLUMNS AND BEAMS: 1 1/2"
      d. STRUCTURAL SLABS AND WALLS: 3/4"
      e. SLABS ON METAL DECK: 1"
      f. JOISTS: 3/4"
   I. TYPICAL REINFORCEMENT UNLESS OTHERWISE SHOWN:
      a. UP TO 8" CONCRETE WALLS: #4 @ 8" OC EACH WAY AT CENTER OF WALL.
      b. OVER 8" TO 12" CONCRETE WALLS: #4 @ 12" OC EACH WAY, EACH FACE.
      c. OVER 12" THICK: #5 @ 12" OC EACH WAY, EACH FACE.
   J. ALL HORIZONTAL REINFORCING IN FOOTINGS, WALLS AND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE CORNER BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BARS AND LAP SPLICES PER SCHEDULE.
   K. ALL POST-INSTALLED REINFORCING BARS SHALL BE INSTALLED WITH PRODUCTS LISTED IN TABLE ???/S001, IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS AND ES-REPORT. THESE SHALL BE INSPECTED PER SPECIAL INSPECTION REQUIREMENTS.

4. AUGER CAST PILES:

   A. COMPLY WITH PROVISIONS OF AMERICAN CONCRETE INSTITUTE (ACI) "STANDARD SPECIFICATION FOR CONSTRUCTION OF DRILLED PIERS" (ACI 336.1).
   B. DESIGN CONCRETE MIX IN ACCORDANCE WITH CHAPTER 3 OF ACI 301 TO PRODUCE CONCRETE FOR DRILLED PILES WITH MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI.
   C. REINFORCING STEEL AND DOWELS SHALL BE FABRICATED AND ERECTED AS ONE CONTINUOUS UNIT. PLACE REINFORCEMENT ACCURATELY AND SYMMETRICALLY ABOUT AXIS OF HOLE AND HOLD SECURELY IN POSITION DURING CONCRETE PLACEMENT.
   D. EXCAVATE HOLES FOR AUGER CAST PILES TO DEPTH AS SHOWN ON DRAWINGS. AUGER CAST PILE DESIGN DIMENSIONS SHOWN ARE MINIMUMS.
   E. THE OWNER SHALL EMPLOY THE SERVICES OF A REGISTERED, LICENSED GEOTECHNICAL ENGINEER UNDER WHOSE SUPERVISION FULL-TIME INSPECTION OF THE DRILLING AND CASTING OF THE PILES WILL BE PERFORMED.
   F. THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST 24 HOURS PRIOR TO THE TIME EXCAVATIONS WILL BE DRILLED.
   G. WHERE CONCRETE IS PLACED BY PUMPING THROUGH A HOLLOW-STEM AUGER, THE AUGER SHALL BE PERMITTED TO ROTATE IN A CLOCKWISE DIRECTION DURING WITHDRAWAL. THE AUGER SHALL BE WITHDRAWN IN CONTINUOUS INCREMENTS, CONCRETE PUMPING PRESSURES SHALL BE MEASURED AND MAINTAINED HIGH ENOUGH AT ALL TIMES TO OFFSET HYDROSATIC AND LATERAL EARTH PRESSURES.
   H. STOP CONCRETE PLACEMENT AT CUT-OFF ELEVATION SHOWN, SCREED LEVEL, AND APPLY A SCOURED, ROUGH FINISH.
   I. THE GROUT INJECTION PRESSURE SHOULD BE MAINTAINED WITHIN THE LIMITS OF 160 TO 280 POUNDS PER SQUARE INCH. THE PRESSURE SHOULD BE CHECKED BY OBSERVING A PRESSURE GAUGE AT PUMP AND THE PUMPING RATE.
   J. GROUT FLOW SHOULD BE MAINTAINED IN THE RANGE OF 13 TO 17 SECONDS, AS TESTED IN GENERAL ACCORDANCE WITH THE CORPS OF ENGINEERS TEST METHOD CRD-C-79-77, PROVIDED A 3/4 INCH OPENING IS SUBSTITUTED FOR THE 1/2 INCH OPENING.
   K. A COMPARISON SHOULD BE MADE OF THE VOLUME OF GROUT ACTUALLY INJECTED AND THE THEORETICAL VOLUME OF EACH PILE. FOR ACCEPTANCE, THE INJECTED GROUT VOLUME SHOULD EXCEED THE THEORETICAL VOLUME BY AT LEAST 15 PERCENT.
   L. AUGERED CUTTINGS SHOULD BE CONTINUOUSLY EXAMINED FOR VERIFICATION OF SOIL CONDITIONS.

5. VAPOR RETARDER:

   A. PLACE VAPOR RETARDER DIRECTLY BENEATH INTERIOR SLABS-ON-GRADE, BETWEEN SLAB AND BASE.
   B. LAP AND SEAL ALL EDGES, PUNCTURES, AND PENETRATIONS.
   C. MEET THE REQUIREMENTS OF ASTM E1745 WITH A WATER VAPOR PERMEANCE LESS THAN 0.030 PERMS.
   D. BASIS OF DESIGN: STEGO WRAP, 10 MIL MINIMUM.
   E. SEE DETAIL ??/SB??? FOR TYPICAL VAPOR RETARDER SYSTEM.
   F. SEE SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS FOR ADDITIONAL REQUIREMENTS.

6. POST INSTALLED ANCHORS AND REINFORCING BARS:

   A. CONTRACTOR SHALL SUBMIT TECHNICAL LITERATURE FOR PROPOSED ANCHORING SYSTEM TO ARCHITECT FOR REVIEW PRIOR TO INSTALLATION. REFER TO SPECIFICATION DIVISION 01 FOR REQUIREMENTS.
   B. ANCHORS AND REINFORCING BARS SHALL BE INSTALLED PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) AND ICC-ES/IAPMO-UES TEST REPORTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
      a. HOLE DRILLING AND CLEANING
      b. CARTRIDGE PREPARATION AND DISPENSING (ADHESIVE ANCHORS)
      c. ANCHOR INSERTION
      d. ANCHOR CURING TIME (ADHESIVE ANCHORS)
      e. ANCHOR TORQUE (MECHANICAL ANCHORS)
   C. ADDITIONAL REQUIREMENTS FOR ADHESIVE ANCHORS AND REINFORCING BARS INSTALLED INTO CONCRETE:
      a. ANCHORS SHALL NOT BE INSTALLED INTO CONCRETE UNTIL IT REACHES THE FOLLOWING CRITERIA:
         1. MINIMUM 21 DAYS OF CURING
         2. MEETS MINIMUM DESIGN STRENGTH
      b. AT TIMES OF INSTALLATION, CONCRETE TEMPERATURE RANGE SHALL BE BETWEEN 40 AND 100 DEGREES FAHRENHEIT. REFER TO MPII FOR CONDITIONING REQUIREMENTS OF ADHESIVES AT LOW TEMPERATURES.
      c. CONCRETE SUBSTRATE SHALL BE DRY AT TIME OF ANCHOR INSTALLATION AND THROUGHOUT THE ADHESIVE CURING PROCESS (SEE MPII FOR CURE TIMES).
      d. HOLES FOR ANCHORING SHALL BE ACHIEVED WITH ROTARY HAMMER AND CARBIDE-TIPPED DRILL BIT. CORED HOLES ARE NOT ALLOWED.
      e. INSTALLATION OF ANCHORS INTO HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS SUBJECTED TO SUSTAINED TENSION LOADS ARE SUBJECT TO THE FOLLOWING:
         1. ANCHORS REQUIRE CONTINUOUS SPECIAL INSPECTION.
         2. INSTALLATION OF ANCHORS SHALL BE PERFORMED BY PERSONNEL CERTIFIED BY AN APPLICABLE CERTIFICATION PROGRAM IN ACCORDANCE WITH ACI 318.
   D. ANCHORS AND REINFORCING BARS SHALL BE INSTALLED AT NOT LESS THAN MINIMUM EDGE DISTANCES, EMBEDMENTS AND/OR SPACING AS LISTED IN THE MPII AND ICC-ES/IAPMO-UES TEST REPORTS, OR AS INDICATED, WHICHEVER IS GREATER.
   E. ANCHORS AND REINFORCING BARS SHALL BE INSTALLED IN APPROPRIATE AND PROPERLY CURED SUBSTRATES AS REQUIRED BY MPII AND ICC-ES/IAPMO-UES TEST REPORTS.
   F. ANCHOR AND REINFORCING BAR LENGTHS SHOWN IN THESE PLANS ARE THE REQUIRED MINIMUM EMBEDMENT DEPTHS. CONTRACTOR SHALL PROVIDE ANCHORS WITH SUFFICIENT PROJECTION LENGTH FOR PROPER INSTALLATION OF SUPPORTED EQUIPMENT AND/OR STRUCTURE.
   G. POST-INSTALLED ANCHORS AND REINFORCING BARS SHALL ONLY BE USED WHERE SPECIFIED ON THE STRUCTURAL DRAWINGS. CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE ARCHITECT PRIOR TO USING POST-INSTALLED ANCHORS AND REINFORCING BARS IN LIEU OF CAST-IN-PLACE ANCHORS.
   H. CARE SHALL BE GIVEN TO AVOID CONFLICTS WITH EXISTING REBAR.
   I. PRE-APPROVED POST-INSTALLED ANCHORS AND REINFORCING BARS AND SUBSTRATES ARE LISTED IN SCHEDULE ??/S001.

7. STRUCTURAL STEEL:

   A. ASTM A992 GRADE 50 FOR ALL WIDE FLANGE STEEL SHAPES.
   B. ASTM A36 FOR ALL STRUCTURAL AND MISCELLANEOUS STEEL CHANNELS, ANGLES, BARS, PLATES, AND CONNECTIONS UNLESS NOTED OTHERWISE.
   C. ASTM A500 GRADE B (Fy = 46 KSI) FOR ALL STRUCTURAL SQUARE AND RECTANGULAR HSS.
   D. ASTM A500 GRADE B (Fy = 42 KSI) FOR ALL STRUCTURAL ROUND HSS.
   E. ASTM A53, TYPE E OR S, GRADE B (Fy = 35 KSI) FOR ALL STRUCTURAL PIPE.
   F. ASTM F3125, TYPE 1, GRADE F1852 OR F2280, TWIST-OFF STYLE TENSION CONTROL BOLTS, UNLESS SPECIFICALLY NOTED OTHERWISE, WITH SIZES AND GRADE AS SHOWN ON DRAWINGS. ALL BOLTS SHALL BE TIGHTENED SO AS TO SHEAR THE SPLINE OFF THE BOLT. WHERE CLEARANCES DO NOT PERMIT THE USE OF TWIST-OFF STYLE BOLTS, USE ASTM F3125, TYPE 1, GRADE A325 OR A490 BOLTS, TIGHTENED AND INSPECTED IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS", WITH SIZES AND GRADE AS SHOWN ON DRAWINGS.
   G. ASTM F1554 GRADE 36 FOR ALL ANCHOR RODS EMBEDDED IN CONCRETE, UNLESS NOTED OTHERWISE IN DRAWINGS. PROVIDE PLATE WASHERS BETWEEN ALL NUTS AND BASEPLATES.
   H. F'c = 6000 PSI AT 28 DAYS FOR NON-SHRINK GROUT FOR PLACEMENT UNDER COLUMN BASE PLATES. GROUT TO COMPLY WITH ASTM C 1107.
   I. ALL WELDING SHALL COMPLY WITH THE LATEST EDITION OF THE AWS STRUCTURAL WELDING CODE.
   J. ALL FIELD DRILLING SHALL BE DONE WITH A MAG DRILL. FLAME CUTTING OF HOLES OR ENLARGING OF UNFAIR HOLES WILL NOT BE PERMITTED.
   K. HEADED ANCHOR STUDS AND SHEAR STUDS SHALL BE TYPE B, IN CONFORMANCE WITH AWS D1.1 STRUCTURAL WELDING CODE.
   L. STRUCTURAL STEEL TO RECEIVE SHEAR CONNECTORS SHALL BE CLEAN AND FREE OF PAINT. WELDING PREQUALIFICATION REQUIRED.
   M. STRUCTURAL STEEL TO BE FABRICATED AND ERECTED IN ACCORDANCE WITH LATEST OSHA REGULATIONS.
   N. MECHANICAL PROPERTIES OF HEADED STEEL STUDS SHALL COMPLY WITH ASTM A108 AND AWS D1.1. WELD STUDS ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. MANUAL ARC WELDING OF HEADED STEEL STUDS IS NOT ALLOWED, EXCEPT AS REQUIRED BY AWS D1.1 FOR REPAIR OF HEADED STUDS ON WHICH A FULL 360-DEGREE FLASH HAS NOT BEEN OBTAINED. THE FOLLOWING MECHANICAL PROPERTIES ARE REQUIRED:
      Fy = 51 ksi @ 0.2% OFFSET
      Fu = 65 ksi
      GEOMETRIC PROPERTIES OF HEADED STUDS SHALL COMPLY WITH NELSON STUD WELDING H4L FOR 1/2" DIAMETER STUDS AND NELSON STUD WELDING S3L FOR 3/4" DIAMETER STUDS.
   O. SPLICING OF STRUCTURAL STEEL MEMBERS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE ARCHITECT.
   P. CONFORM TO THE AISC CODE OF STANDARD PRACTICE FOR ERECTION TOLERANCES. FIELD MODIFICATION TO STRUCTURAL STEEL IS PROHIBITED WITHOUT PRIOR APPROVAL FROM THE ARCHITECT.
   Q. DEMAND CRITICAL WELDS IN SEISMIC LOAD RESISTING SYSTEMS (SLRS): (PROJECT ENGINEER - DEFINE DEMAND CRITICAL WELDS FOR SLRS SELECTED. SEE SPECIFIC LATERAL SYSTEM IN AISC 341 FOR DEMAND CRITICAL WELDS ASSOCIATED WITH SPECIFIED LATERAL SYSTEM).

8. STEEL DECK:

   A. ALL STEEL DECK SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST STEEL DECK INSTITUTE SPECIFICATIONS.
   B. SEE PLANS FOR STEEL DECK TYPE, GAGE, FINISH AND CONNECTIONS.
   C. PROVIDE 1 1/2 INCH MINIMUM BEARING AT ALL STEEL DECK SUPPORT CONDITIONS.
   D. ALL SPLICES IN ROOF DECK SHALL BE LAPPED A MINIMUM OF 2 INCHES, AND ALL SPLICES IN FLOOR DECK SHALL BE BUTTED TIGHTLY TOGETHER. ALL DECK SPLICES SHALL BE CENTERED OVER SUPPORTS.
   E. ALL STEEL DECK SHALL BE CONTINUOUS OVER THREE SPANS WHEREVER FRAMING ALLOWS.
   F. OPENINGS THROUGH STEEL DECK FLOORS AND ROOFS ON FRAMING PLANS ARE NOT COMPLETE AS TO NUMBER, SIZE AND LOCATION. FOR COMPLETE INFORMATION, REFER TO DRAWINGS OTHER THAN STRUCTURAL.
   G. PROVIDE STANDARD ACCESSORY MATERIALS, INCLUDING BUT NOT LIMITED TO, CLOSURE STRIPS; POUR STOPS, GIRDER FILLERS, ETC. ACCORDING TO SDI RECOMMENDATIONS, TO PROVIDE TIGHT FITTING CLOSURE AT OPEN ENDS AND SIDES OF DECKING.
   H. AT ENDS OF DECKS OR WHERE CHANGES OF DECK DIRECTION OCCUR FASTEN TO SUPPORTS AT EACH FLUTE. PROVIDE ADEQUATE CLOSURES AND FASTENERS TO SIDES AT 18 INCHES ON CENTER, UNLESS STRICTER REQUIREMENTS EXIST ON PLANS.
   I. MAINTAIN SPECIFIED CONCRETE THICKNESS AT COLUMN LOCATIONS. SLAB THICKNESS ELSEWHERE WILL VARY DUE TO DECK AND BEAM DEFLECTIONS, SEE ??/SF???. MAKE ALLOWANCES AND FURNISH MATERIALS TO CREATE SPECIFIED FLOOR ELEVATIONS INDICATED ON DRAWINGS AND TO CONSTRUCTION TOLERANCES APPLICABLE TO STRUCTURE USAGE.
   J. NOTHING WEIGHING MORE THAN 20 POUNDS IS TO BE SUPPORTED FROM THE METAL ROOF DECK UNLESS SPECIFICALLY DETAILED IN THESE PLANS.
   K. ITEMS WEIGHING LESS THAN 200 POUNDS ARE PEREMITTED TO BE SUPPORTED FROM METAL FLOOR DECK WITH CONCRETE FILL. HANGERS FROM SUPPORT OF SUCH ITEMS SHALL FULLY ENGAGE THE CONCRETE FLOOR ABOVE THE METAL DECK.
   L. DESIGN OF HANGERS AND THEIR ANCCHORAGES SHALL BE BY THE GENERAL CONTRACTOR. ITEMS WEIGHING MORE THAN 200 POUNDS AT FLOOR OR 20 POUNDS AT ROOF SHALL HAVE THEIR OWN SUPPORT FRAMING OR THEY SHALL BE HUNG DIRECTLY FROM THE MAIN FRAMING MEMBERS. IT SHALL BE THE RESPONSIBILITY OF EACH TRADE TO DESIGN A SUPPORT SYSTEM FOR THEIR EQUIPMENT WICH WILL CONFORM TO THIS CRITERION.

9. COLD-FORMED STEEL FRAMING (20 GAGE (33 MILS) AND HEAVIER):

   A. TYPICAL CONSTRUCTION DETAILS FOR COLD-FORMED FRAMING ARE SHOWN ON SHEET SF???. REFER TO ARCHITECTURAL DRAWINGS FOR SPECIFIC CONFIGURATION AND DIMENSIONS OF ALL COLD-FORMED STEEL FRAMING NOT SHOWN ON THE STRUCTURAL DRAWINGS.
   B. ALL COLD-FORMED STEEL FRAMING SHALL CONFORM TO AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
   C. WALLS SHALL BE PROVIDED WITH MANUFACTURER'S STANDARD BRIDGING: (EITHER WELDED 2 1/2" x 18 GA (43 MILS). STUD OR CLIPPED COLD-ROLLED CHANNEL 1 1/2" x 16 GA (54 MILS)). PROVIDE BRIDGING @ 4'-0" OC MAXIMUM.
   D. PROVIDE ALL MISCELLANEOUS ACCESSORIES AND FOLLOW ERECTION PROCEDURES PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
   E. THE PROPERTIES OF THE COLD-FORMED STEEL SHALL MEET OR EXCEED SSMA PROPERTIES.
   F. ALL TRACK SHALL BE 1 1/4" LEG, 18 GA (43 MILS) MINIMUM. TRACK SHALL BE ANCHORED TO FOUNDATION WITH 1/2" DIAMETER x 3 1/2" (MINIMUM EMBEDMENT) SCREW ANCHORS @ 4'-0" OC UNLESS SHOWN OTHERWISE ON PLANS. PROVIDE A MINIMUM OF 2 ANCHORS FOR TRACK RUNS SHORTER THAN 4'-0". PROVIDE ONE ANCHOR AT 12" MAXIMUM FROM ALL CORNERS AND ENDS OF WALLS.
   G. COLD-FORMED STUDS AND TRACK SHALL BE CONNECTED WITH EITHER WELDS OR #10 SCREWS UNLESS NOTED OTHERWISE.
   H. ALL 16 GA (54 MILS) AND HEAVIER MEMBERS SHALL BE FORMED FROM STEEL CORRESPONDING TO WHAT IS LISTED IN THE AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", WITH A MINIMUM YIELD STRENGTH OF 50 KSI UNLESS SPECIFICALLY NOTED OTHERWISE.
   I. ALL 18 GA (43 MILS) AND LIGHTER MEMBERS SHALL BE FORMED FROM STEEL CORRESPONDING TO WHAT IS LISTED IN THE AISI "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", WITH A MINIMUM YIELD STRENGTH OF 33 KSI UNLESS SPECIFICALLY NOTED OTHERWISE.

10. WOOD FRAMING:

   A. STUDS SHALL BE DOUGLAS FIR-LARCH NO. 2 OR BETTER UNLESS NOTED OTHERWISE, WITH THE FOLLOWING ALLOWABLE STRESSES:
      a. MAXIMUM FIBER STRESS IN BENDING: F_b = 900 PSI
      b. TENSION PARALLEL TO GRAIN: F_t = 575 PSI
      c. COMPRESSION PARALLEL TO GRAIN: F_c = 1350 PSI
      d. COMPRESSION PERPENDICULAR TO GRAIN: F_c = 625 PSI
      e. HORIZONTAL SHEAR: F_v = 180 PSI
      f. MODULUS OF ELASTICITY: E = 1,600,000 PSI
      g. STUDS SHALL BE PLACED AT 16" OC UNLESS NOTED OTHERWISE.
   B. SAWN LUMBER FRAMING SHALL BE DOUGLAS FIR-LARCH, NO. 2 OR BETTER UNLESS NOTED OTHERWISE, WITH THE FOLLOWING ALLOWABLE STRESSES:
      a. MAXIMUM FIBER STRESS IN BENDING: F_b = 900 PSI
      b. TENSION PARALLEL TO GRAIN: F_t = 575 PSI
      c. COMPRESSION PARALLEL TO GRAIN: F_c = 1350 PSI
      d. COMPRESSION PERPENDICULAR TO GRAIN: F_c = 625 PSI
      e. HORIZONTAL SHEAR: F_v = 180 PSI
      f. MODULUS OF ELASTICITY: E = 1,600,000 PSI
   C. EXPOSED BEAMS SHALL BE DOUG-FIR-LARCH, NO. 2 OR BETTER UNLESS NOTED OTHERWISE, WITH THE FOLLOWING ALLOWABLE STRESSES:
      a. MAXIMUM FIBER STRESS IN BENDING: F_b = 875 PSI
      b. TENSION PARALLEL TO GRAIN: F_t = 425 PSI
      c. COMPRESSION PARALLEL TO GRAIN: F_c = 600 PSI
      d. COMPRESSION PERPENDICULAR TO GRAIN: F_c = 625 PSI
      e. HORIZONTAL SHEAR: F_v = 170 PSI
      f. MODULUS OF ELASTICITY: E = 1,300,000 PSI
   D. PREFABRICATED WOOD TRUSSES:
      a. TRUSSES SHALL BE DESIGNED AND FABRICATED WITH WOOD CHORDS AND WOOD WEBS IN ACCORDANCE WITH DESIGN PREPARED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED IN THE STATE OF NEW MEXICO.
      b. DESIGN STANDARDS SHALL CONFORM WITH THE APPLICABLE PROVISION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, PUBLISHED BY THE AMERICAN FOREST & PAPER ASSOCIATION, AND THE DESIGN SPECIFICATION FOR METAL PLATE CONNECTED WOOD TRUSSES, PUBLISHED BY THE TRUSS PLATE INSTITUTE. SEE THE QUALITY CONTROL MANUAL FOR TOLERANCES AND OTHER SPECIAL REQUIREMENTS.
      c. ALL TRUSSES SHALL BE SECURELY BRACED BOTH DURING ERECTION AND AFTER PERMANENT INSTALLATION IN ACCORDANCE WITH BRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS AS PUBLISHED BY THE TRUSS PLATE INSTITUTE.
   E. PREFABRICATED WOOD JOISTS:
      a. THE JOISTS SHALL BE MANUFACTURED TO FIT THE DIMENSIONS AND CHECKED FOR THE EFFECTS OF CONCENTRATED LOADS INDICATED ON THE PLANS. THE DESIGN STRESS VALUES SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE.
   F. GLULAM CONSTRUCTION:
      a. GLUED-LAMINATED WOOD BEAMS AND GIRDERS SHALL BE OF DOUGLAS FIR-LARCH WITH ALLOWABLE STRESSES CORRESPONDING TO 24F-V8 AS LISTED IN THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.
      b. ADHESIVES SHALL MEET THE REQUIREMENTS FOR CONDITIONS OF SERVICE.
      c. UNLESS OTHERWISE NOTED, A COAT OF END SEALER SHALL BE APPLIED TO THE ENDS OF ALL MEMBERS AS SOON AS PRACTICABLE AFTER END TRIMMING. SURFACE OF MEMBERS SHALL BE FINISHED AS SPECIFIED.
      d. NOTCHING OF STRUCTURAL MEMBERS IN THE FIELD IS PROHIBITED UNLESS SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS.
   G. MICROLLAM LVL:
      a. ALL BEAMS SHALL HAVE THE FOLLOWING ALLOWABLE STRESSES:
         • FLEXURAL STRESS: F_b = 2600 PSI
         • COMPRESSION PARALLEL TO GRAIN: F_c = 2510 PSI
         • COMPRESSION PERPENDICULAR TO GRAIN: F_c = 750 PSI
         • HORIZONTAL SHEAR: F_v = 285 PSI
         • MODULUS OF ELASTICITY: E = 2,000,000 PSI
   H. PARALLAM PSL:
      a. BEAMS SHALL HAVE THE FOLLOWING ALLOWABLE STRESSES:
         • FLEXURAL STRESS: F_b =2900 PSI
         • COMPRESSION PARALLEL TO GRAIN: F_c = 2900 PSI
         • COMPRESSION PERPENDICULAR TO GRAIN: F_c = 750 PSI
         • HORIZONTAL SHEAR: F_v = 290 PSI
         • MODULUS OF ELASTICITY: E = 2,000,000 PSI
      b. COLUMNS SHALL HAVE THE FOLLOWING ALLOWABLE STRESSES:
         • FLEXURAL STRESS: F_b =2400 PSI
         • COMPRESSION PARALLEL TO GRAIN: F_c = 2500 PSI
         • COMPRESSION PERPENDICULAR TO GRAIN: F_c = 425 PSI
         • HORIZONTAL SHEAR: F_v = 190 PSI
         • MODULUS OF ELASTICITY: E = 1,800,000 PSI
   I. TIMBERSTRAND LSL:
      a. BEAMS AND COLUMNS SHALL HAVE THE FOLLOWING ALLOWABLE STRESSES:
         • FLEXURAL STRESS: F_b =1700 PSI
         • COMPRESSION PARALLEL TO GRAIN: F_c = 1835 PSI
         • COMPRESSION PERPENDICULAR TO GRAIN: F_c = 710 PSI
         • HORIZONTAL SHEAR: F_v = 425 PSI
         • MODULUS OF ELASTICITY: E = 1,300,000 PSI
   J. APA SPAN RATED SHEATHING:
      a. SEE PLANS FOR GRADE, THICKNESS, AND LOCATIONS OF SHEATHING.
      b. ROOF AND FLOOR SHEATHING SHALL BE CONTINUOUS OVER 2 SPANS MINIMUM.
   K. CONNECTIONS:
      a. NAILING SHALL BE IN ACCORDANCE WITH THE NAILING SCHEDULE UNLESS OTHERWISE NOTED. COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE STATED.
      b. LUMBER CONNECTORS SHALL BE BY SIMPSON CO. OR EQUAL WITH CONNECTIONS INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
      c. BOLTS SHALL BE ASTM A307.
      d. STEEL SIDE PLATES SHALL BE ASTM A36.
      e. MINIMUM EDGE DISTANCE AND MINIMUM FASTENER SPACING REQUIRED BY THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION SHALL BE MAINTAINED AT ALL CONNECTIONS.
   L. FRAMING:
      a. WOOD FRAMING SHALL CONFORM TO THE REQUIREMENTS OF THE IBC CHAPTER - WOOD.
      b. GRADE STAMPS SHALL BE LEGIBLE WITH A MARK INDICATING STRESS RATING AND/OR GRADE, METHOD OF GRADING, SPECIES, MOISTURE CONTENT, AND MILL IDENTIFICATION.
      c. SUPPORT WALL STUDS ON A CONTINUOUS TREATED 2x (MINIMUM) WOOD SILL PLATE, WIDTH TO MATCH WIDTH OF STUDS. SEE PLANS, SECTIONS, DETAILS, AND SHEAR PANEL SCHEDULE FOR ANCHORAGE OF SILL PLATE TO FOUNDATION. CAST-IN ANCHOR RODS SHALL BE SECURELY SUPPORTED IN POSITION PRIOR TO PLACEMENT OF CONCRETE. INSERTING THESE RODS INTO WET CONCRETE IS NOT PERMITTED.
      d. PROVIDE HEADERS AT OPENINGS PER HEADER SCHEDULE.
      e. ALL JOIST SPANS SHALL HAVE "X" BRIDGING PER MANUFACTURER'S RECOMMENDATIONS AND SOLID BLOCKING OR CONTINUOUS RIM BOARD AT EACH END OF SPAN.
      f. WHERE SPACING OF JOISTS REQUIRES CUTTING OF A JOIST TO FRAME AROUND AN OPENING FOR DUCTS OR OTHER PENETRATIONS THROUGH FRAMING, PROVIDE DOUBLE TRIMMER AND MICROLLAM HEADER FOR SUPPORTED JOISTS (HEADER JAMB NOT TO EXCEED 3'-0"). JOISTS SUPPORTED FROM HEADER WITH FRAMING ANCHORS OR JOIST HANGERS, REFER TO PLANS FOR OPENING SIZES.
      g. ROOF JOIST SPACES AND ATTIC SPACES SHALL BE PROVIDED WITH CROSS VENTILATION IN ACCORDANCE WITH IBC SEC. 1203.2 OR AS APPROVED BY THE BUILDING OFFICIAL.
      h. FLOOR SHEATHING SHALL BE GLUED TO FLOOR JOISTS WITH ONE CONTINUOUS BEAD OF AN ADHESIVE CONFORMING TO ASTM D 3498, AND IN ACCORDANCE WITH THE MANUFACTURERS DIRECTIONS.
      i. CUTTING, NOTCHING OR DRILLING OF BEAMS, TRUSSES OR JOISTS SHALL BE PERMITTED ONLY AS DETAILED OR APPROVED BY THE ENGINEER.
      j. UNLESS OTHERWISE SHOWN ON PLAN, ATTACH SHEATHING TO WALL STUDS USING SHEAR PANEL TYPE ?? NAILING IN ACCORDANCE WITH SHEAR PANEL SCHEDULE ON SHEET SF???.
   M. SHEATHING:
      a. # INDICATES REQUIRED SHEATHING AT SHEAR WALLS. EXTERIOR AND INTERIOR SHEATHING IS STILL REQUIRED WHERE THIS SYMBOL IS NOT SHOWN.

11. ELEVATOR NOTES:

   A. COORDINATE ALL ELEVATOR DETAILS WITH REQUIREMENTS OF ELEVATOR SUPPLIER'S DRAWINGS. PROVIDE ALL SEPARATOR BEAMS, MACHINE ROOM EQUIPMENT SUPPORT BEAMS, AND EMBEDDED ITEMS SHOWN ON THESE PLANS AND LOCATE IN COORDINATION WITH ELEVATOR SUPPLIER'S DRAWINGS.

FOUNDATION NOTES

1. DESIGN CRITERIA:

   A. A SUBSURFACE GEOTECHNICAL INVESTIGATION HAS BEEN PERFORMED BY ??????????????????. A REPORT OF THIS INVESTIGATION DATED ??/??/???? AND NUMBERED ???????? IS AVAILABLE.
   B. IMPORTANT ADDITIONAL INFORMATION CONCERNING SPECIFIC SOIL CONDITIONS IS CONTAINED IN THIS REPORT AND SHALL BE REVIEWED PRIOR TO START OF CONSTRUCTION.
   C. THE GEOTECHNICAL INVESTIGATION REPORT CONTAINS SPECIFIC REQUIREMENTS CONCERNING CLEARING AND GRUBBING, SITE, SUBFLOOR AND BEARING SURFACE PREPARATION, STRUCTURAL FILL REQUIREMENTS, AND COMPACTION REQUIREMENTS NOT NECESSARILY SHOWN ON THESE DRAWINGS. REFER ANY CONFLICTS BETWEEN THESE DRAWINGS AND THE REPORT TO THE ARCHITECT FOR DIRECTION PRIOR TO BEGINNING ANY WORK.

2. BASIS FOR DESIGN:

   A. ALLOWABLE SOIL BEARING PRESSURE = ???? PSF

3. FIELD OBSERVATION AND TESTING REQUIREMENTS:

   A. EMPLOY THE SERVICES OF A REGISTERED, LICENSED GEOTECHNICAL ENGINEER TO OBSERVE ALL CONTROLLED EARTHWORK. THE GEOTECHNICAL ENGINEER SHALL PROVIDE CONTINUOUS ON-SITE OBSERVATION BY EXPERIENCED PERSONNEL DURING CONSTRUCTION OF CONTROLLED EARTHWORK. NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST TWO WORKING DAYS IN ADVANCE OF ANY FIELD OPERATIONS OF THE CONTROLLED EARTHWORK. A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE PRESENT TO CONFIRM THE COMPLETE EXCAVATION OF ANY UNCONTROLLED FILL.
   B. TESTS OF MATERIALS SHALL BE MADE AT THE FOLLOWING RATES:
      a. ONE FIELD DENSITY TEST PER EACH ??? SQUARE YARDS OF COMPACTED SUBGRADE PRIOR TO PLACING STRUCTURAL FILL OR FLOOR SLAB CONSTRUCTION WITH A MINIMUM OF ? TESTS.
      b. ONE FIELD DENSITY TEST PER EACH ??? CUBIC YARDS OF STRUCTURAL FILL PLACED.
      c. [[ONE FIELD DENSITY TEST PER EACH LIFT OF STRUCTURAL FILL UP TO ??? SQUARE FEET.]]
      d. FOR SMALL AREAS, EACH AREA OF FILL SHALL BE TESTED AT EACH LIFT OF STRUCTURAL FILL.
      e. ONE MOISTURE-DENSITY CURVE FOR EACH TYPE OF MATERIAL USED, AS INDICATED BY SIEVE ANALYSIS AND PLASTICITY INDEX.
      f. FOLLOWING FINISH GRADING THE FINAL SURFACE SHALL BE TESTED.
      g. FOLLOWING FOUNDATION EXCAVATION THE FOOTING EXCAVATIONS SHALL BE TESTED.
      h. THE GEOTECHNICAL ENGINEER SHALL SUBMIT THE RESULTS OF ALL REQUIRED TESTS TO THE ARCHITECT WITHIN 2 WORKING DAYS AFTER THE TEST.

4. SPECIFIC SOIL PREPARATION REQUIREMENTS:

   A. CLEARING AND GRUBBING:
      a. REMOVE ALL BRUSH, RUBBISH, GRASS AND OTHER PLANTS, AND GRASS AND OTHER PLANT ROOTS FROM THE CONSTRUCTION AREA.
      b. REMOVE STUMPS, MATTED ROOTS AND ROOTS LARGER THAN 2 INCHES IN DIAMETER WITHIN 6 INCHES OF THE SURFACE OF AREAS ON WHICH FILL AND/OR FOOTINGS ARE TO BE CONSTRUCTED.
      c. REMOVE ALL TOPSOIL FROM THE CONSTRUCTION AREA. THIS MATERIAL SHALL NOT BE USED AS FILL MATERIAL, BUT MAY BE STOCKPILED AND LATER USED IN THE TOP 6 INCHES OF FILL OUTSIDE THE BUILDING PAD.
   B. SITE AND SUBSURFACE PREPARATION:
      a. OVEREXCAVATE ALL SOILS UNDERLYING FOOTINGS AND FLOOR SLAB AND ALL UNCONTROLLED FILL TO A MINIMUM DEPTH OF ?? FEET.
      b. SCARIFY ALL EXPOSED SUBGRADE SOILS TO A DEPTH OF ?? INCHES, MOISTEN TO OPTIMUM MOISTURE CONTENT +/-2% AND COMPACT TO THE DENSITY SPECIFIED IN THESE REQUIREMENTS.
      c. PLACE ALL STRUCTURAL FILL IN APPROXIMATELY HORIZONTAL LAYERS NOT GREATER THAN ?? INCHES IN LOOSE THICKNESS, MOISTEN TO OPTIMUM MOISTURE CONTENT +/-2% AND COMPACT TO DENSITY SPECIFIED IN THESE REQUIREMENTS.
      d. ALL EARTHWORK FOR THE BUILDING PAD SHALL EXTEND A MINIMUM OF ?? FEET BEYOND THE PERIMETER FOOTINGS.
      e. MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED.
      f. DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
      g. MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.
      h. KEEP OPEN EXCAVATIONS AND EXCAVATIONS FOR FOOTINGS AROUND AND WITHIN BUILDING PERIMETER DRY. BACKFILL AGAINST FOUNDATIONS AND GRADE BEAMS AS SOON AS PRACTICAL. PUMP WATER OUT OF OPEN EXCAVATIONS, IF FLOODED PRIOR TO BACKFILLING.
      i. ENGINEERED FILL SHALL NOT BE PLACED WHEN THE ATMOSPHERIC TEMPERATURE IS BELOW 35 DEGREES FAHRENHEIT. WHEN THE TEMPERATURE FALLS BELOW 35 DEGREES, ALL AREAS OF COMPLETED WORK SHALL BE PROTECTED AGAINST DETRIMENTAL EFFECTS OF GROUND FREEZING, AND ANY AREAS AFFECTED BY FREEZING SHALL BE RECONDITIONED AND COMPACTED IN CONFORMANCE WITH THE ABOVE REQUIREMENTS. ANY SOILS DISTURBED DUE TO WETTING, DRYING OR OTHER CAUSES SHALL ALSO BE RECONDITIONED PRIOR TO PLACEMENT OF ADDITIONAL FILL OR CONSTRUCTION OF FOUNDATIONS, FLOOR SLABS, OR OTHER STRUCTURAL ELEMENTS. RECONDITIONING SHALL INCLUDE SCARIFICATION, MOISTURE CONDITIONING, AND RECOMPACTION IN ACCORDANCE WITH THE REQUIREMENTS PRESENTED IN THESE NOTES.
   C. FOOTINGS MAY BE CAST DIRECTLY AGAINST THE VERTICAL SIDES OF THE EXCAVATIONS PROVIDED ALL OF THE FOLLOWING CRITERIA ARE SATISFIED:
      a. SIDE WALLS OF EXCAVATION SHALL BE BATTERED A MINIMUM OF ONE INCH HORIZONTAL TO TWELVE INCHES VERTICAL. THIS CUT SHALL BE ABLE TO REMAIN VERTICAL WITHOUT ANY SLOUGHAGE.
      b. BOTTOM WIDTH OF EXCAVATIONS SHALL BE ONE INCH WIDER AT EACH SIDE THAN IS SHOWN ON DRAWINGS.
      c. IF ANY SANDY OR LOOSE SOIL MATERIALS ARE ENCOUNTERED, FOOTINGS MAY NOT BE EARTH FORMED.
      d. ALL REINFORCING STEEL SHALL BE CORRECTLY ALIGNED AND MAINTAINED, AND SHALL HAVE A MINIMUM OF THREE INCHES OF CONCRETE COVER WHERE CAST AGAINST EARTH.
      e. DURING CASTING, ANY SOIL SLOUGHAGE SHALL BE REMOVED FROM THE WET CONCRETE.
      f. FOOTINGS NOT MEETING THE ABOVE CONDITIONS SHALL BE REMOVED AND RECAST.
   D. STRUCTURAL FILL REQUIREMENTS:
      a. GRADATION (PER ASTM D422):

SIEVE SIZE	PERCENT PASSING BY WEIGHT
6"	100
3"	90-100
NO. 4	50-100
NO. 200	10-50

      b. PLASTICITY INDEX (ASTM D4318): 10 MAXIMUM
      c. MATERIAL LARGER THAN 6 INCHES SHALL NOT BE PLACED IN THE STRUCTURAL FILL, AND MATERIAL LARGER THAN 4 INCHES SHALL NOT BE PLACED WITHIN TWELVE INCHES OF THE BEARING SURFACES OF SLABS OR FOUNDATIONS.
      d. NO BRUSH, SOD, FROZEN MATERIAL OR OTHER UNSUITABLE MATERIAL SHALL BE PLACED IN THE STRUCTURAL FILL. MATERIAL SHALL BE PLACED IN SUCH A MANNER AS TO RESULT IN UNIFORMLY COMPACTED FILL.
   E. GRANULAR BASE REQUIREMENTS
      a. GRADATION (CONSULT SOILS REPORT)
   F. COMPACTION REQUIREMENTS
      a. SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE COMPACTED TO THE FOLLOWING MINIMUM PERCENTAGES OF THE ASTM D1557 MAXIMUM DRY DENSITY AT +/-2% OPTIMUM MOISTURE CONTENT.

MATERIAL	PERCENT COMPACTION
STRUCTURAL FILL	95
SUBBASE FOR SLAB SUPPORT	95
SUBGRADE BELOW STRUCTURAL FILL	95
MISCELLANEOUS BACKFILL	90

DEKKER PERICH SABATINI
Architecture in Progress

SEAL

NOT FOR CONSTRUCTION

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/7/2024
PROJECT NO	20-0010

DRAWING NAME

GENERAL STRUCTURAL NOTES

SHEET NO

S001

6/13/2024 4:35:43 PM

CONCRETE MIX DESIGN CRITERIA					
INTENDED USE	f'c (28 DAY)	MAXIMUM W/C RATIO	MAXIMUM AGGREGATE SIZE	SLUMP (+/- 1")	MINIMUM ENTRAINED AIR +/- 1.5%
AUGERCAST PILE GROUT	4,000 PSI	0.50	NOTE 1	8"	NONE
DRILLED PIERS	4,000 PSI	0.50	1/2"	5"	NONE
GRADE BEAMS, TIE BEAMS, PILE CAPS	3,000 PSI	0.55	1"	4"	6.0%
FOOTINGS	3,000 PSI	0.55	1 1/2"	4"	5.5%
STEM WALLS	3,000 PSI	0.55	3/4"	5"	6.0%
BASEMENT RETAINING WALLS AND PILASTERS	4,000 PSI	0.50	3/4"	5"	6.0%
SLAB-ON-GRADE (NON-EXPOSED)	3,000 PSI	0.45 [2]	3/4"	5"	NONE
SLAB-ON-GRADE (EXPOSED/POLISHED)	4,000 PSI	0.45 [2]	3/4"	5"	NONE
SLAB-ON-DECK (NON-EXPOSED)	3,000 PSI	0.45	3/4"	5"	NONE
SLAB-ON-DECK (EXPOSED/POLISHED)	4,000 PSI	0.45	3/4"	5"	NONE
STAIR PANS [3]	3,000 PSI	0.45 [2]	3/4"	5"	NONE
EXTERIOR SITEWORK	4,000 PSI	0.50	3/4"	5"	6.0%

NOTES:
1. SEE SPECIFICATIONS FOR FINE AGGREGATE INFORMATION.
2. STRICT ADHERENCE TO THE SPECIFIED WATER/CEMENT RATIO IS REQUIRED. WATER SHALL NOT BE ADDED TO THE MIX AT TIME OF PLACEMENT. WATER-REDUCING ADMIXTURES ARE PERMITTED TO ENHANCE WORKABILITY (SEE SPECIFICATIONS).
3. SEE SPECIFICATIONS FOR REQUIREMENT TO INCLUDE TYPE "K" CEMENT OR SHRINKAGE REDUCING ADMIXTURE IN MIX DESIGN.

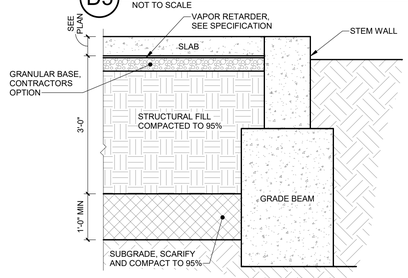
E5 CONCRETE MIX DESIGN CRITERIA
NOT TO SCALE

POST-INSTALLED ANCHOR AND REINFORCING BAR SCHEDULE					
	ANCHOR	CONCRETE	GROUTED CMU	HOLLOW CMU[2]	EVALUATION REPORT
EXPANSION ANCHORS	SIMPSON STRONG-BOLT 2	●	●	○	ICC-ES ESR-3037, IAPMO-UES 240
	HILTI KWIK BOLT TZ2	●	●	○	ICC-ES ESR-4266, ICC-ES ESR-4561
	DEWALT POWER-STUD+ SD1	●	●	○	ICC-ES ESR-2818, ICC-ES ESR-2966
SCREW ANCHORS	SIMPSON TITEN HD	●	●	○	ICC-ES ESR-2713, ICC-ES ESR-1056
	HILTI KH-EZ	●	●	○	ICC-ES ESR-3027, ICC-ES ESR-3056
	DEWALT SCREW-BOLT+	●	●	○	ICC-ES ESR-3889, ICC-ES ESR-4042
ADHESIVE ANCHORS OR BARS	SIMPSON SET-3G	●	○	○	ICC-ES ESR-4057
	SIMPSON SET-XP	○	●	●	IAPMO-UES 265
	HILTI HIT-RE 500 V3	●	○	○	ICC-ES ESR-3814
	HILTI HIT-HY 270	○	●	●	ICC-ES ESR-4144
	DEWALT PURE 110+	●	○	○	ICC-ES ESR-3298
	DEWALT AC 100+ GOLD	○	●	●	ICC-ES ESR-3200

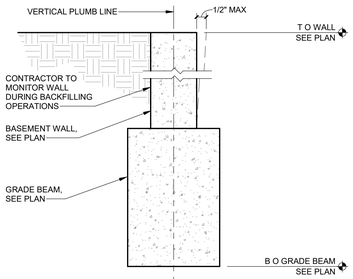
● - ANCHOR/SUBSTRATE APPROVED FOR USE.
○ - ANCHOR/SUBSTRATE NOT APPROVED FOR USE.

NOTES:
1. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE LISTED ABOVE SHALL BE SUBMITTED TO THE ARCHITECT, WITH CALCULATIONS THAT ARE PREPARED AND SEALED BY A REGISTERED ENGINEER LICENSED IN THE PROJECT JURISDICTION, SHOWING THAT THE PROPOSED PRODUCT WILL ACHIEVE AN EQUIVALENT OR GREATER CAPACITY USING THE APPROPRIATE DESIGN PROCEDURE REQUIRED BY THE PROJECT BUILDING CODE, AND SHALL BE ACCOMPANIED BY A CURRENT ICC-ES/IAPMO-UES TEST REPORT SUBSTANTIATING SUITABILITY.
2. FOR ANCHORS AND REINFORCING BARS INSTALLED IN HOLLOW CMU, CONTRACTOR SHALL PROVIDE ANCHOR SCREENS APPROVED FOR USE IN THE MANUFACTURER'S ANCHOR ICC-ES/IAPMO-UES TEST REPORT.

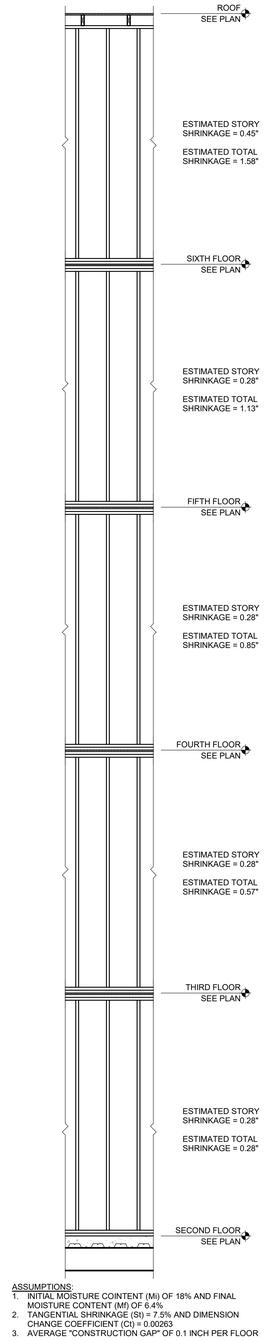
D5 POST-INSTALLED ANCHORS AND REINFORCING BARS
NOT TO SCALE



TYPICAL
OVER-EXCAVATION AUGER
CAST PILE FOUNDATION
C5 NOT TO SCALE



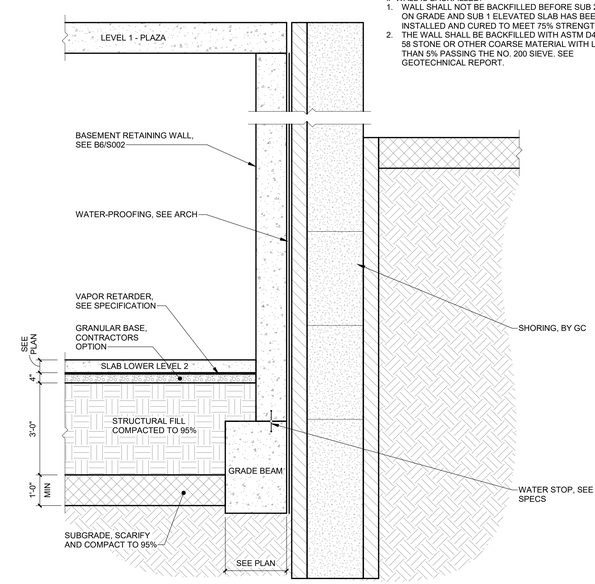
ALLOWABLE BASEMENT
WALL MOVEMENT
C6 NOT TO SCALE



ASSUMPTIONS:
1. INITIAL MOISTURE COINTENT (Mi) OF 18% AND FINAL MOISTURE CONTENT (Mf) OF 6.4%
2. TANGENTIAL SHRINKAGE (St) = 7.5% AND DIMENSION CHANGE COEFFICIENT (Ct) = 0.00263
3. AVERAGE "CONSTRUCTION GAP" OF 0.1 INCH PER FLOOR

WOOD STRUCTURE
SHRINKAGE DIAGRAM
A6 3/8" = 1'-0"

NOTES:
IF WALL IS BACKFILLED:
1. WALL SHALL NOT BE BACKFILLED BEFORE SUB 2 SLAB ON GRADE AND SUB 1 ELEVATED SLAB HAS BEEN INSTALLED AND CURED TO MEET 75% STRENGTH.
2. THE WALL SHALL BE BACKFILLED WITH ASTM D448 n. 58 STONE OR OTHER COARSE MATERIAL WITH LESS THAN 5% PASSING THE NO. 200 SIEVE. SEE GEOTECHNICAL REPORT.



TYPICAL BASEMENT OVER-EXCAVATION DETAIL
A5 NOT TO SCALE

DEKKER PERICH SABATINI

Architecture in Progress

SEAL

NOT FOR CONSTRUCTION

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

GENERAL STRUCTURAL NOTES

SHEET NO

S002

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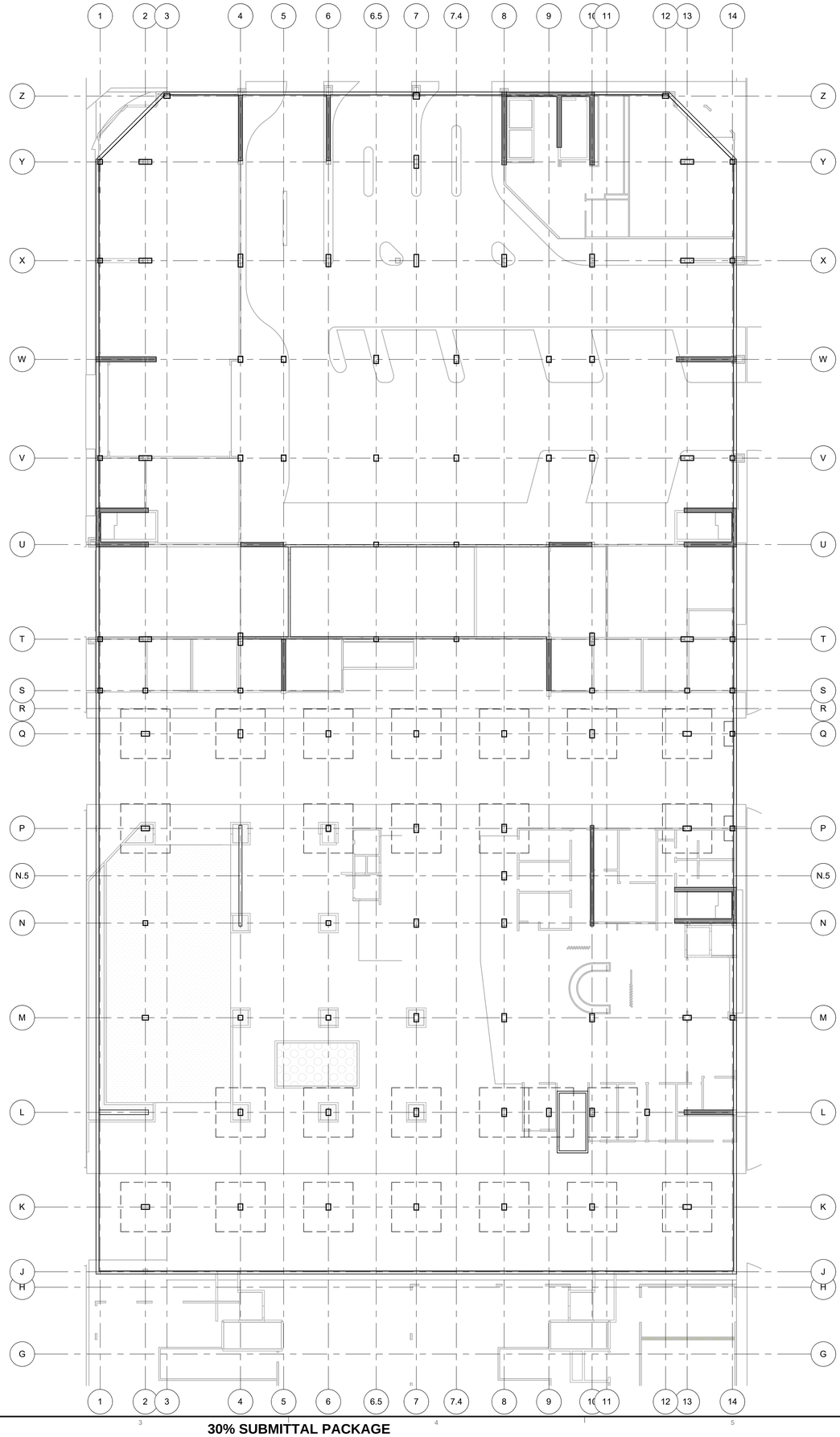

A3 LEVEL 1 PLAZA LOAD DIAGRAM
NOT TO SCALE

A. BASIC LOAD CASES:
   a. MINIMUM FLAT ROOF SNOW LOAD (p_f) ..... 5 PSF
   b. BALANCED ROOF SNOW LOAD (p_s) ..... 10 PSF
   c. LEVEL 1 PLAZA LOAD DIAGRAMS ..... PER A3/S003
   d. LEVEL 3 PODIUM LOAD DIAGRAM ..... PER A3/S004

LIVE LOAD LOADING LEGEND

NOTE: ALL WIND UPLIFT LOADS ARE SHOWN AS ULTIMATE UNFACTORED LOADS.

- INDICATES 22 PSF LOAD
- INDICATES 32 PSF LOAD
- INDICATES 39 PSF LOAD
- INDICATES 48 PSF LOAD

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REVISIONS

DRAWN BY	AM, MM
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DATE	6/14/2024
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DRAWING NAME
LEVEL 1 PLAZA LOAD DIAGRAM

SHEET NO
S003

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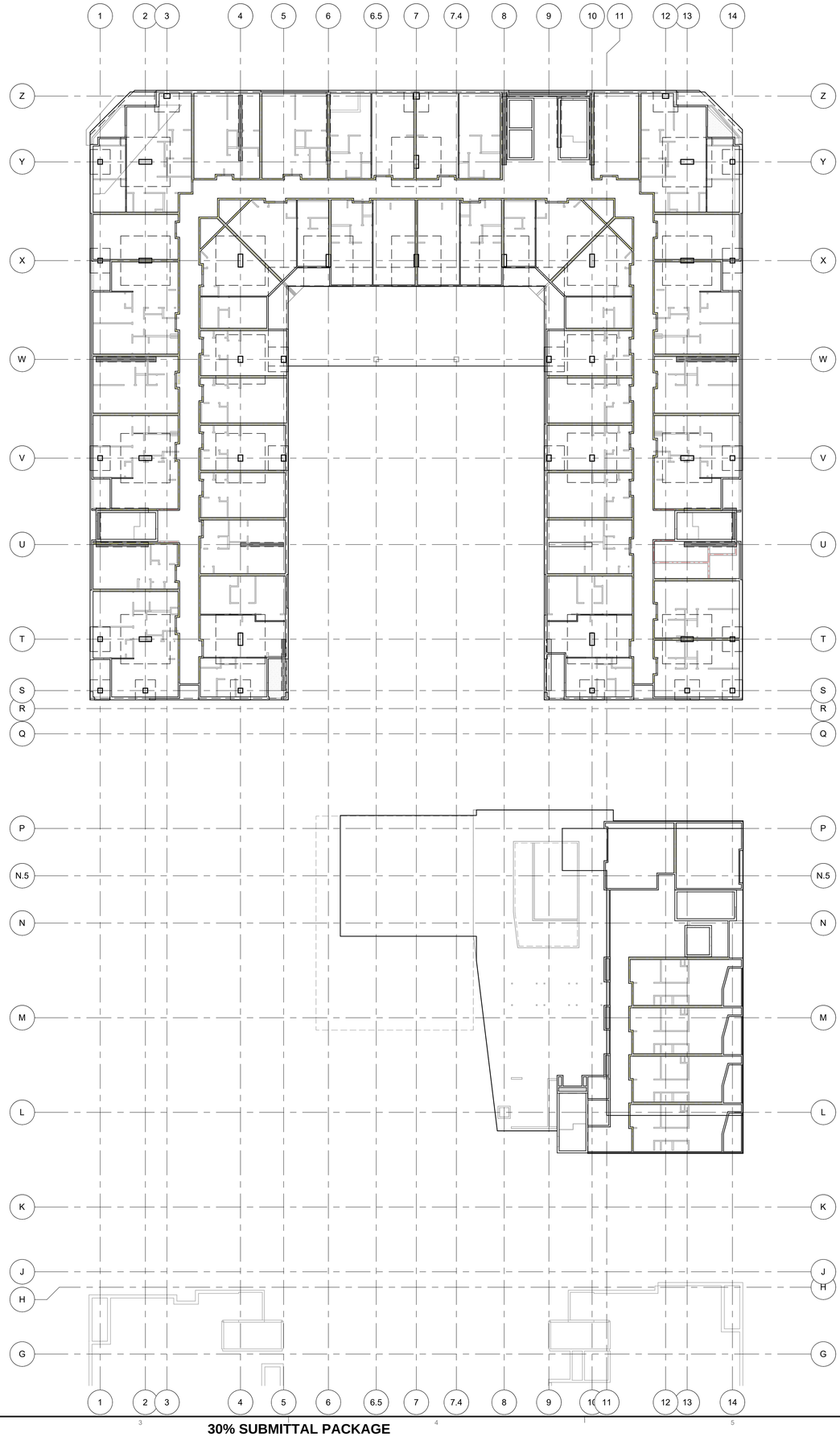

A. BASIC LOAD CASES:
   a. MINIMUM FLAT ROOF SNOW LOAD (p_f) ..... 5 PSF
   b. BALANCED ROOF SNOW LOAD (p_s) ..... 10 PSF
   c. LEVEL 1 PLAZA LOAD DIAGRAMS ..... PER A3/S003
   d. LEVEL 3 PODIUM LOAD DIAGRAM ..... PER A3/S004

LIVE LOAD LOADING LEGEND

NOTE: ALL WIND UPLIFT LOADS ARE SHOWN AS ULTIMATE UNFACTORED LOADS.

- INDICATES 22 PSF LOAD
- INDICATES 32 PSF LOAD
- INDICATES 39 PSF LOAD
- INDICATES 48 PSF LOAD

A3 LEVEL 3 PODIUM LOAD DIAGRAM
NOT TO SCALE

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30% SUBMITTAL PACKAGE

DEKKER PERICH SABATINI
Architecture in Progress

SEAL

NOT FOR CONSTRUCTION

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

LEVEL 3 PODIUM LOAD DIAGRAM

SHEET NO

S004

SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS PER IBC 2021

1. SPECIAL INSPECTIONS / TESTING - "SPECIAL STRUCTURAL INSPECTION" SHALL NOT RELIEVE THE OWNER OR THEIR AGENT FROM REQUESTING THE JURISDICTION BUILDING DEPARTMENT INSPECTIONS REQUIRED BY SECTION 110 OF THE IBC.
2. REPORTING FOR SPECIAL INSPECTION - SPECIAL INSPECTION AND TESTING REPORTS SHALL BE COMPLETED AND DISTRIBUTED AT THE COMPLETION OF EACH TASK. IF A TASK IS TO TAKE LONGER THAN (3) DAYS, PROVIDE REPORTS FOR EACH DAY. PROVIDE COPIES OF REPORTS TO: CONTRACTOR, OWNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. SPECIAL INSPECTOR TO KEEP A NON-COMPLIANCE LIST DOCUMENTING ITEMS INSPECTED NOT MEETING APPROVED CONSTRUCTION DOCUMENTS AND WHEN / HOW RESOLVED.
3. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.

IN ACCORDANCE WITH IBC CHAPTER 17, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:

SPECIAL INSPECTIONS AND TESTS OF SOILS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
Y	1.	VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	---	X	1705.6
Y	2.	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	---	X	1705.6
Y	3.	PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	---	X	1705.6
Y	4.	DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	---	1705.6
Y	5.	PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT THE SITE HAS BEEN PREPARED PROPERLY.	---	X	1705.6

SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

SPECIAL INSPECTION REQUIRED Y/N		TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE
Y	1.	INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	---	X	ACI 318 CH. 20, 25.2, 25.3, 26.6.1-26.6.3	---
	2.	REINFORCING BAR WELDING:				
N	a.	VERIFY WELDIBILITY OF REINFORCING BARS OTHER THAN ASTM A706.	---	X	AWS D1.4 ACI 318: 26.6.4	---
N	b.	INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	---	X		
N	c.	INSPECT ALL OTHER WELDS.	X	---		
Y	d.	PERFORM ALL ITEMS LISTED IN CHAPTER 9.5 OF AWS D1.4	---	---	AWD D1.4 CH. 9.5	1705.3.1
Y	3.	INSPECT ANCHORS CAST IN CONCRETE.	---	X	ACI 318: 17.8.2	---
	4.	INSPECTION OF ANCHORS AND REINFORCING BARS POST-INSTALLED IN HARDENED CONCRETE MEMBERS: (a)				
Y	a.	ADHESIVE ANCHORS AND REINFORCING BARS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	---	ACI 318: 17.8.2.4	---
Y	b.	MECHANICAL ANCHORS, REINFORCING BARS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	---	X	ACI 318: 17.8.2	---
Y	5.	VERIFY USE OF REQUIRED DESIGN MIX.	---	X	ACI 318: CH.19, 26.4.3, 26.4.4	1904.1, 1904.2
Y	6.	PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	---	ASTM C 172 ASTM C 31 ACI 318: 26.5, 26.12	---
Y	7.	INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	---	ACI 318: 26.5	---
Y	8.	VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	---	X	ACI 318: 26.5.3-26.5.5	---
	9.	INSPECT PRESTRESSED CONCRETE FOR:				
N	a.	APPLICATION OF PRESTRESSING FORCES.	X	---	ACI 318: 26.10	---
N	b.	GROUTING OF BONDED PRESTRESSING TENDONS.	X	---	ACI 318: 26.10	---
N	10.	INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	---	X	ACI 318: CH. 26.9	---
Y	11.	FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C,D,E, OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:				
	a.	INSTALLATION OF THE EMBEDDED PARTS	X	---	ACI 318: 26.13.1.3 ACI 550.5	---
	b.	COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS	X	---	ACI 318: 26.13.1.3 ACI 550.5	---
	c.	COMPLETION OF CONNECTIONS IN THE FIELD	X	---	ACI 318: 26.13.1.3 ACI 550.5	---
Y	12.	INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5	---	X	ACI 318: 26.13.1.3 ACI 550.5	---
N	13.	VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	---	X	ACI 318: 26.11.2	---
Y	14.	INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	---	X	ACI 318: 26.11.1.2(b)	---

(a) PROVIDE ADDITIONAL SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTIONS AS REQUIRED BY EACH MANUFACTURER'S SPECIFIC ICC-ES OR IAMPO REPORT

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION - WELDING

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	TYPE OF INSPECTION: QUALITY CONTROL TASK	TYPE OF INSPECTION: QUALITY ASSURANCE TASK	REFERENCED STANDARD
	1.	INSPECTION TASKS PRIOR TO WELDING:			AISC 360 TABLE N5.4-1
Y	a.	WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS.	P	O	
Y	b.	WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE.	P	P	
Y	c.	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	P	P	
Y	d.	MATERIAL IDENTIFICATION (TYPE/GRADE).	O	O	
Y	e.	WELDER IDENTIFICATION SYSTEM. (a)	O	O	
Y	f.	FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY).	O	O	
	1)	JOINT PREPARATIONS.			
	2)	DIMENSIONS (ALIGNMENT, ROOT FACE, ROOT OPENING, BEVEL)			
	3)	CLEANLINESS (CONDITION OF STEEL SURFACES)			
	4)	TACKING (TACK WELD QUALITY AND LOCATION)			
	5)	BACKING TYPE AND FIT (IF APPLICABLE)			
N	g.	FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY).	P	O	
	1)	JOINT PREPARATIONS			
	2)	DIMENSIONS (ALIGNMENT, ROOT FACE, ROOT OPENING, BEVEL)			
	3)	CLEANLINESS (CONDITION OF STEEL SURFACES)			
	4)	TACKING (TACK WELD QUALITY AND LOCATION)			
Y	h.	CONFIGURATION AND FINISH OF ACCESS HOLES.	O	O	
Y	i.	FIT-UP OF FILLET WELDS.	O	O	
	1)	DIMENSIONS (ALIGNMENT, GAPS AT ROOT)			
	2)	CLEANLINESS (CONDITION OF STEEL SURFACES)			
	3.	TACKING (TACK WELD QUALITY AND LOCATION)			
Y	j.	CHECK WELDING EQUIPMENT.	O	---	
	2.	INSPECTION TASKS DURING WELDING:			AISC 360 TABLE N5.4-2
Y	a.	CONTROL AND HANDLING OF WELDING CONSUMABLES.	O	O	
	1)	PACKAGING			
	2)	EXPOSURE CONTROL			
Y	b.	NO WELDING OVER CRACKED TACK WELDS.	O	O	
Y	c.	ENVIRONMENTAL CONDITIONS.	O	O	
	1)	WIND SPEED WITHIN LIMITS			
	2)	PRECIPITATION AND TEMPERATURE			
Y	d.	WPS FOLLOWED.	O	O	
	1)	SETTINGS ON WELDING EQUIPMENT			
	2)	TRAVEL SPEED			
	3)	SELECTED WELDING MATERIALS			
	4)	SHIELDING GAS TYPE/FLOW RATE			
	5)	PREHEAT APPLIED			
	6)	INTERPASS TEMPERATURE MAINTAINED (MIN/MAX)			
	7)	PROPER POSITION (F, V, H, OH)			
Y	e.	WELDING TECHNIQUES.	O	O	
	1)	INTERPASS AND FINAL CLEANING			
	2)	EACH PASS WITHIN PROFILE LIMITATIONS			
	3)	EACH PASS MEETS QUALITY REQUIREMENTS			
N	f.	PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS.	P	P	
	3.	INSPECTION TASKS AFTER WELDING:			AISC 360 TABLE N5.4-3
Y	a.	WELDS CLEANED.	O	O	
Y	b.	SIZE, LENGTH, AND LOCATION OF WELDS.	P	P	
Y	c.	WELDS MEET VISUAL ACCEPTANCE CRITERIA.	P	P	
	1)	CRACK PROHIBITION			
	2)	WELD/BASE-METAL FUSION			
	3)	CRATER CROSS SECTION			
	4)	WELD PROFILES			
	5)	WELD SIZE			
	6)	UNDERCUT			
	7)	POROSITY			
Y	d.	ARC STRIKES.	P	P	
Y	e.	k-AREA. (b)	P	P	
N	f.	WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILD-UP HEAVY SHAPES. (c)	P	P	
Y	g.	BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	P	P	
Y	h.	REPAIR ACTIVITIES.	P	P	
Y	i.	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.	P	P	
Y	j.	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.	O	O	

O: ITEMS NEED TO BE OBSERVED ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.

P: ITEMS NEED TO BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.

(a) THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.

(b) WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3 IN. OF THE WELD.

(c) AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION - BOLTING AND OTHER TASKS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	TYPE OF INSPECTION: QUALITY CONTROL TASK	TYPE OF INSPECTION: QUALITY ASSURANCE TASK	REFERENCED STANDARD
	1.	INSPECTION TASKS PRIOR TO BOLTING:			AISC 360 TABLE N5.6-1
Y	a.	MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS.	O	P	
Y	b.	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.	O	O	
Y	c.	CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL.	O	O	
	1)	GRADE			
	2)	TYPE			
	3)	BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE			
Y	d.	CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.	O	O	
Y	e.	CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	O	O	
Y	f.	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.	P	O	
Y	g.	PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS.	O	O	
	2.	INSPECTION TASKS DURING BOLTING:			AISC 360 TABLE N5.6-2
Y	a.	FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED.	O	O	
Y	b.	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.	O	O	
Y	c.	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	O	O	
Y	d.	FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES.	O	O	
	3.	INSPECTION TASKS AFTER BOLTING:			AISC 360 TABLE N5.6-3
Y	a.	DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	P	P	
	4.	INSPECTION OF ANCHOR ROD PLACEMENT AND PLACEMENT OF EMBEDDED ITEMS:			AISC 360 SECTION N5-8
Y	a.	DIAMETER, GRADE, TYPE, AND LENGTH OF ANCHOR ROD OR EMBEDDED ITEM.	P	P	
Y	b.	EXTENT OR DEPTH OF EMBEDMENT INTO CONCRETE.	P	P	
Y	5.	INSPECTION OF THE FABRICATED STEEL OR ERECTED STEEL FRAME TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS.	P	P	AISC 360 SECTION N5-8

O: ITEMS NEED TO BE OBSERVED ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.

P: ITEMS NEED TO BE PERFORMED FOR EACH BOLTED CONNECTION.

SPECIAL INSPECTION AND VERIFICATION OF COLD-FORMED STEEL DECK

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	TYPE OF INSPECTION: QUALITY CONTROL TASK	TYPE OF INSPECTION: QUALITY ASSURANCE TASK	REFERENCED STANDARD
	1.	INSPECTION OR EXECUTION TASKS PRIOR TO DECK PLACEMENT:			ANSI/SDI-QA/QC-2017 TABLE 1.1
Y	a.	VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE MATERIAL THICKNESS.	P	P	
Y	b.	DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES.	P	P	
	2.	INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT:			ANSI/SDI-QA/QC-2017 TABLE 1.2
Y	a.	VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.	P	P	
Y	b.	VERIFY DECK MATERIALS ARE REPRESENTED BY MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS.	---	P	
Y	c.	DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES.	P	P	
	3.	INSPECTION OR EXECUTION TASKS PRIOR TO WELDING:			ANSI/SDI-QA/QC-2017 TABLE 1.3
Y	a.	WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE.	O	O	
Y	b.	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	O	O	
Y	c.	MATERIAL IDENTIFICATION (TYPE/GRADE).	O	O	
Y	d.	CHECK WELDING EQUIPMENT.	O	O	
	4.	INSPECTION OR EXECUTION TASKS DURING WELDING:			ANSI/SDI-QA/QC-2017 TABLE 1.4
Y	a.	USE OF QUALIFIED WELDERS.	O	O	
Y	b.	CONTROL AND HANDLING OF WELDING CONSUMABLES.	O	O	
Y	c.	ENVIRONMENT CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE).	O	O	
Y	d.	WPS FOLLOWED.	O	O	
	5.	INSPECTION OR EXECUTION TASKS AFTER WELDING:			ANSI/SDI-QA/QC-2017 TABLE 1.5
Y	a.	VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	P	P	
Y	b.	WELDS MEET VISUAL ACCEPTANCE CRITERIA.	P	P	
Y	c.	VERIFY REPAIR ACTIVITIES.	P	P	
Y	d.	DOCUMENT ACCEPTANCE OR REJECTION OF WELDS.	P	P	
	6.	INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING:			ANSI/SDI-QA/QC-2017 TABLE 1.6
Y	a.	MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS.	O	O	
Y	b.	PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION.	O	O	
Y	c.	PROPER STORAGE FOR MECHANICAL FASTENERS.	O	O	
	7.	INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING:			ANSI/SDI-QA/QC-2017 TABLE 1.7
Y	a.	FASTENERS ARE POSITIONED AS REQUIRED.	O	O	
Y	b.	FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.	O	O	
	8.	INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING:			ANSI/SDI-QA/QC-2017 TABLE 1.8
Y	a.	CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS.	P	P	
Y	b.	CHECK SPACING, TYPE AND INSTALLATION OF SIDELAP FASTENERS.	P	P	
Y	c.	CHECK SPACING, TYPE AND INSTALLATION OF PERIMETER FASTENERS.	P	P	
Y	d.	VERIFY REPAIR ACTIVITIES.	P	P	
Y	e.	DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS.	P	P	

O: ITEMS NEED TO BE OBSERVED ON A INTERMITTENT BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. FREQUENCY OF OBSERVATIONS SHALL BE ADEQUATE TO CONFIRM THAT WORK WAS PERFORMED IN ACCORDANCE WITH THE APPLICABLE DOCUMENTS.

P: ITEMS NEED TO BE PERFORMED PRIOR TO FINAL ACCEPTANCE FOR EACH ITEM OR ELEMENT.

WITHIN THE LISTED TASKS, "DOCUMENT" SHALL MEAN THE INSPECTOR SHALL PREPARE, REPORTS OR OTHER APPROPRIATE WRITTEN DOCUMENTATION INDICATING THAT WORK HAS OR HAS NOT BEEN PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD
	1.	INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS:			
Y	a.	END CONNECTIONS-WELDING OR BOLTED.	---	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1
	b.	BRIDGING-HORIZONTAL OR DIAGONAL.	---	---	---
Y	1)	STANDARD BRIDGING	---	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1
Y	2)	BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1	---	X	---

SPECIAL INSPECTION AND VERIFICATION OF COLD-FORMED STEEL LIGHT FRAME CONSTRUCTION

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	TYPE OF INSPECTION: QUALITY CONTROL TASK	TYPE OF INSPECTION: BASIC FRAME INSPECTION	TYPE OF INSPECTION: QUALITY ASSURANCE TASK	REFERENCED STANDARD
	1.	MATERIAL VERIFICATION TASKS PRIOR TO ASSEMBLY OR INSTALLATION:				AISI A5.5, TABLE D6.6-1
Y	a.	VERIFY COMPLIANCE OF COLD-FORMED STEEL STRUCTURAL MEMBERS.	P	---	---	
	1)	PRODUCT IDENTIFICATION				
Y	b.	VERIFY COMPLIANCE OF CONNECTORS.	P	---	---	
Y	c.	DOCUMENT ACCEPTANCE OR REJECTION OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND CONNECTORS.	--- (1)	---	---	
	2.	MATERIAL VERIFICATION TASKS AFTER ASSEMBLY OR INSTALLATION:				AISI A5.5, TABLE D6.6-2
Y	a.	VERIFY COMPLIANCE OF COLD-FORMED STEEL STRUCTURAL MEMBERS.	P	O	---	
	1)	PRODUCT IDENTIFICATION				
Y	b.	VERIFY COMPLIANCE OF CONNECTORS.	P	O	---	
Y	c.	DOCUMENT ACCEPTANCE OR REJECTION OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND CONNECTORS.	--- (1)	P	---	
	3.	INSPECTION OR EXECUTION TASKS PRIOR TO WELDING:				AISI TABLE D6.7-1
Y	a.	WELDING PROCEDURE SPECIFICATIONS AVAILABLE.	O	---	---	
Y	b.	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	O	---	---	
Y	c.	MATERIAL IDENTIFICATION (TYPE/GRADE).	O	---	---	
Y	d.	CHECK WELDING EQUIPMENT.	O	---	---	
	4.	INSPECTION OR EXECUTION TASKS DURING WELDING:				AISI TABLE D6.7-2
Y	a.	USE OF QUALIFIED WELDERS.	O	---	O	
Y	b.	CONTROL AND HANDLING OF WELDING CONSUMABLES.	O	---	---	
Y	c.	ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE).	O	---	---	
Y	d.	WELDING PROCEDURE SPECIFICATIONS FOLLOWED.	O	---	---	
	5.	INSPECTION OF EXECUTION TASKS AFTER WELDING:				AISI TABLE D6.7-3
Y	a.	VERIFY COMPLIANCE OF WELDS.	P	O	P	
Y	b.	WELDS MEET VISUAL ACCEPTANCE CRITERIA.	P	O	P	
Y	c.	VERIFY REPAIR ACTIVITIES.	P	O	P	
Y	d.	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED CONNECTIONS.	--- (1)	P	P	
	6.	INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING:				AISI TABLE D6.8-1
Y	a.	MECHANICAL FASTENER MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS.	O	---	---	
Y	b.	PROPER TOOLS AVAILABLE FOR MECHANICAL FASTENER INSTALLATION.	O	---	---	
Y	c.	PROPER STORAGE FOR MECHANICAL FASTENERS.	O	---	---	
	7.	INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING:				AISI TABLE D6.8-2
Y	a.	MECHANICAL FASTENERS ARE POSITIONED AS REQUIRED.	O	---	---	
Y	b.	MECHANICAL FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.	O	---	---	
	8.	INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING:				AISI TABLE D6.8-3
Y	a.	VERIFY COMPLIANCE OF MECHANICAL FASTENERS.	P	O	---	
Y	b.	REPAIR ACTIVITIES.	P	O	---	
Y	c.	DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICALLY FASTENED CONNECTIONS.	--- (1)	P	---	
	9.	INSPECTION OR EXECUTION TASKS AFTER INSTALLATION OF COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION:				AISI TABLE D6.9-1
Y	a.	VERIFY COMPLIANCE OF COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION.	P	O	---	
Y	b.	DOCUMENT ACCEPTANCE OR REJECTION OF COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION.	--- (1)	P	---	
	10.	COLD-FORMED STEEL TRUSSES SPANNING 60 FEET OR GREATER:				IBC 1705.2.4
Y	a.	VERIFY THAT THE TEMPORARY INSTALLATION RESTRAINT/BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.	---	D	---	

O: ITEMS NEED TO BE OBSERVED ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.

P: ITEMS NEED TO BE PERFORMED FOR EACH WELD JOINT OR MEMBER.

D: PREPARE REPORTS OR OTHER WRITTEN DOCUMENTATION INDICATING THAT THE WORK HAS OR HAS NOT BEEN PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

(1) DOCUMENTATION TASKS FOR QUALITY CONTROL ARE AS DEFINED BY THE APPLICABLE QUALITY CONTROL PROGRAM OF THE COMPONENT MANUFACTURER OR INSTALLER.

DEKKER PERICH SABATINI

Architecture in Progress

SEAL

NOT FOR CONSTRUCTION

PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/7/2024
PROJECT NO	20-0010

DRAWING NAME

SPECIAL INSPECTION TABLES

SHEET NO

S005

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LEVEL 2 QUALITY ASSURANCE OF MASONRY (TMS 402/602-16 SPECIFICATION TABLES 3 AND 4)

SPECIAL INSPECTION REQUIRED Y/N	MINIMUM VERIFICATION				
Y	PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS				ART. 1.5
Y	PRIOR TO CONSTRUCTION, VERIFICATION OF f 'm AND f 'AAC, EXCEPT WHERE SPECIFICALLY EXEMPTED BY CODE				ART. 1.4B
N	DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE.				ART. 1.5 & 1.6.3
	MINIMUM SPECIAL INSPECTION				
	INSPECTION TASK	FREQUENCY (a)		REFERENCE FOR CRITERIA	
		CONTINUOUS	PERIODIC	TMS 402	TMS 602
	1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
Y	a. PROPORTIONS OF SITE-PREPARED MORTAR.	---	X	---	ART. 2.1, 2.6 A & 2.6 C
N	b. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	---	X	---	ART. 2.4 B, 2.4 H
Y	c. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES.	---	X	---	ART. 3.4, 3.6 A
N	d. PRESTRESSING TECHNIQUE.	---	X	---	ART. 3.6 B
Y	e. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY.	X (b)	X (c)	---	ART. 2.1 C.1
N	f. SAMPLE PANEL CONSTRUCTION.	---	X	---	ART. 1.6 D
	2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
Y	a. GROUT SPACE.	---	X	---	ART. 3.2 D,3.2 F
N	b. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES.	---	X	SEC. 10.8 & 10.9	ART. 2.4 & 3.6
Y	c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHORAGES.	---	X	SEC. 6.1, 6.3.1, 6.3.6, 6.3.7	ART. 3.2 E & 3.4
Y	d. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	---	X	---	ART. 2.6 B, 2.4 G.1.b
	3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:				
Y	a. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.	---	X		ART. 1.5
Y	b. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.	---	X		ART. 3.3 B
Y	c. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	---	X	---	ART. 3.3 F
Y	d. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	---	X	SEC.1.2.1(e), 6.2.1, & 6.3.1	---
N	e. WELDING OF REINFORCEMENT.	X	---	SEC.6.1.6.1.2	---
Y	f. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).	---	X	---	ART. 1.8 C, 1.8 D
N	g. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	X	---	---	ART. 3.6 B
Y	h. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE.	X	---	---	ART. 3.5, 3.6 C
Y	i. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS.	X (b)	X(c)	---	ART. 3.3 B.9, 3.3 F.1.b
Y	j. INSTALLATION OF POST-INSTALLED ANCHORS AND REINFORCING BARS ACCORDING TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS. VERIFY ANCHOR DIMENSIONS, ADHESIVE IDENTIFICATION AND EXPIRATION DATE, HOLE DIMENSION, EDGE DISTANCES, EMBEDMENT DEPTH, TIGHTENING TORQUE, BASE-MATERIAL TEMPERATURE.	X (d)	X (e)	---	---
Y	4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.	---	X	---	ART. 1.4B.2.a.3, 1.4 B.2.b.3, 1.4 B.2.c.3, 1.4 B.3, 1.4 B.4

(a) FREQUENCY REFERS TO THE FREQUENCY OF SPECIAL INSPECTIONS, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.

(b) REQUIRED FOR THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

(c) REQUIRED AFTER THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

(d) REQUIRED FOR THE FIRST 10% OF EACH DIFFERENT TYPE OF ANCHOR AND REINFORCING BAR AND/OR INSTALLER.

(e) REQUIRED FOR THE REMAINING 90% OF EACH DIFFERENT TYPE OF ANCHOR AND REINFORCING BAR AND/OR INSTALLER.

LEVEL 3 QUALITY ASSURANCE OF MASONRY (TMS 402/602-16 SPECIFICATION TABLES 3 AND 4)

SPECIAL INSPECTION REQUIRED Y/N	MINIMUM VERIFICATION				
Y	PRIOR TO CONSTRUCTION, VERIFICATION OF COMPLIANCE OF SUBMITTALS				ART. 1.5
Y	PRIOR TO CONSTRUCTION, VERIFICATION OF f 'm AND f 'AAC, EXCEPT WHERE SPECIFICALLY EXEMPTED BY CODE				ART. 1.4B
N	DURING CONSTRUCTION, VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI) WHEN SELF-CONSOLIDATING GROUT IS DELIVERED TO THE PROJECT SITE				ART. 1.5 & 1.6.3
Y	DURING CONSTRUCTION, VERIFICATION OF f 'm AND f 'AAC FOR EVERY 5000 SQUARE FEET (465 SQUARE METERS)				ART 1.4 B
Y	DURING CONSTRUCTION, VERIFICATION OF PROPORTIONS OF MATERIALS AS DELIVERED TO THE PROJECT SITE FOR PREMIXED OR PREBLENDED MORTAR, PRESTRESSING GROUT, AND GROUT OTHER THAN SELF-CONSOLIDATING GROUT				ART 1.4 B
	MINIMUM SPECIAL INSPECTION				
	INSPECTION TASK	FREQUENCY (a)		REFERENCE FOR CRITERIA	
		CONTINUOUS	PERIODIC	TMS 402	TMS 602
	1. AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
Y	a. PROPORTIONS OF SITE-PREPARED MORTAR.	---	X	---	ART. 2.1, 2.6 A & 2.6 C
N	b. GRADE AND SIZE OF PRESTRESSING TENDONS AND ANCHORAGES.	---	X	---	ART. 2.4 B, 2.4 H
Y	c. GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS, ANCHOR BOLTS, AND PRESTRESSING TENDONS AND ANCHORAGES.	---	X	---	ART. 3.4, 3.6 A
N	d. PRESTRESSING TECHNIQUE.	---	X	---	ART. 3.6 B
Y	e. PROPERTIES OF THIN-BED MORTAR FOR AAC MASONRY.	X	---	---	ART. 2.1 C.1
N	f. SAMPLE PANEL CONSTRUCTION.	X	---	---	ART. 1.6 D
	2. PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:				
Y	a. GROUT SPACE.	X	---	---	ART. 3.2 D,3.2 F
N	b. PLACEMENT OF PRESTRESSING TENDONS AND ANCHORAGES.	---	X	SEC. 10.8 & 10.9	ART. 2.4 & 3.6
Y	c. PLACEMENT OF REINFORCEMENT, CONNECTORS, AND ANCHORAGES.	X	---	SEC. 6.1, 6.3.1, 6.3.6, 6.3.7	ART. 3.2 E & 3.4
Y	d. PROPORTIONS OF SITE-PREPARED GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS.	---	X	---	ART. 2.6 B, 2.4 G.1.b
	3. VERIFY COMPLIANCE OF THE FOLLOWING DURING CONSTRUCTION:				
Y	a. MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS.	---	X		ART. 1.5
Y	b. PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION.	---	X		ART. 3.3 B
Y	c. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.	---	X	---	ART. 3.3 F
Y	d. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.	X	---	SEC.1.2.1(e), 6.2.1, & 6.3.1	---
N	e. WELDING OF REINFORCEMENT.	X	---	SEC.6.1.6.1.2	---
Y	f. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40°F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F).	---	X	---	ART. 1.8 C, 1.8 D
N	g. APPLICATION AND MEASUREMENT OF PRESTRESSING FORCE.	X	---	---	ART. 3.6 B
Y	h. PLACEMENT OF GROUT AND PRESTRESSING GROUT FOR BONDED TENDONS IS IN COMPLIANCE.	X	---	---	ART. 3.5, 3.6 C
Y	i. PLACEMENT OF AAC MASONRY UNITS AND CONSTRUCTION OF THIN-BED MORTAR JOINTS.	X	---	---	ART. 3.3 B.9, 3.3 F.1.b
Y	j. INSTALLATION OF POST-INSTALLED ANCHORS AND REINFORCING BARS ACCORDING TO MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS. VERIFY ANCHOR DIMENSIONS, ADHESIVE IDENTIFICATION AND EXPIRATION DATE, HOLE DIMENSION, EDGE DISTANCES, EMBEDMENT DEPTH, TIGHTENING TORQUE, BASE-MATERIAL TEMPERATURE.	X (d)	X (e)	---	---
Y	4. OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS.	X	---	---	ART. 1.4B.2.a.3, 1.4 B.2.b.3, 1.4 B.3, 1.4 B.4

(a) FREQUENCY REFERS TO THE FREQUENCY OF SPECIAL INSPECTIONS, WHICH MAY BE CONTINUOUS DURING THE TASK LISTED OR PERIODICALLY DURING THE LISTED TASK, AS DEFINED IN THE TABLE.

(b) REQUIRED FOR THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

(c) REQUIRED AFTER THE FIRST 5000 SQUARE FEET (465 SQUARE METERS) OF AAC MASONRY.

(d) REQUIRED FOR THE FIRST 10% OF EACH DIFFERENT TYPE OF ANCHOR AND REINFORCING BAR AND/OR INSTALLER.

(e) REQUIRED FOR THE REMAINING 90% OF EACH DIFFERENT TYPE OF ANCHOR AND REINFORCING BAR AND/OR INSTALLER.

SPECIAL INSPECTION AND VERIFICATION OF STEEL SEISMIC FORCE RESISTANCE SYSTEMS

WELDING INSPECTION AND NONDESTRUCTIVE TESTING, AND INSPECTION OF HIGH STRENGTH BOLTING

SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	TYPE OF INSPECTION				REFERENCED STANDARD
		QUALITY CONTROL		QUALITY ASSURANCE		
		TASK	DOCUMENT	TASK	DOCUMENT	
	1. VISUAL INSPECTION TASKS PRIOR TO WELDING:					AISC 341 TABLE J6.1
Y	a. MATERIAL IDENTIFICATION (TYPE/GRADE).	O	---	O	---	
Y	b. WELDER IDENTIFICATION SYSTEM.	O	---	O	---	
Y	c. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY).	P/O	---	O	---	
	1) JOINT PREPARATION					
	2) DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)					
	3) CLEANLINESS (CONDITION OF STEEL SURFACES)					
	4) TACKING (TACK WELD QUALITY AND LOCATION)					
	5) BACKING TYPE AND FIT (IF APPLICABLE)					
Y	d. CONFIGURATION AND FINISH OF ACCESS HOLES.	O	---	O	---	
Y	e. FIT-UP OF FILLET WELDS.	P/O	---	O	---	
	1) DIMENSIONS (ALIGNMENT, GAPS AT ROOT)					
	2) CLEANLINESS (CONDITION OF STEEL SURFACES)					
	3) TACKING (TACK WELD QUALITY AND LOCATION)					
	2. VISUAL INSPECTION TASKS DURING WELDING:					AISC 341 TABLE J6.2
Y	a. USE OF QUALIFIED WELDERS.	O	---	O	---	
Y	b. CONTROL AND HANDLING OF WELDING CONSUMABLES.	O	---	O	---	
	1) PACKAGING					
	2) EXPOSURE CONTROL					
Y	c. NO WELDING OVER CRACKED TACK WELDS.	O	---	O	---	
Y	d. ENVIRONMENTAL CONDITIONS.	O	---	O	---	
	1) WIND SPEED WITHIN LIMITS					
	2) PRECIPITATION AND TEMPERATURE					
Y	e. WELDING PROCEDURE SPECIFICATIONS (WPS) FOLLOWED.	O	---	O	---	
	1) SETTINGS ON WELDING EQUIPMENT					
	2) TRAVEL SPEED					
	3) SELECTED WELDING MATERIALS					
	4) SHIELDING GAS TYPE/FLOW RATE					
	5) PREHEAT APPLIED					
	6) INTERPASS TEMPERATURE MAINTAINED (MIN/MAX)					
	7) PROPER POSITION (F, V, H, OH)					
	8) INTERMIX OF FILLER METALS AVOIDED UNLESS APPROVED					
Y	f. WELDING TECHNIQUES.	O	---	O	---	
	1) INTERPASS AND FINAL CLEANING					
	2) EACH PASS WITHIN PROFILE LIMITATIONS					
	3) EACH PASS MEETS QUALITY REQUIREMENTS					
	3. VISUAL INSPECTION TASKS AFTER WELDING:					AISC 341 TABLE J6.3
Y	a. WELDS CLEANED.	O	---	O	---	
Y	b. SIZE, LENGTH, AND LOCATION OF WELDS.	P	---	P	---	
Y	c. WELDS MEET VISUAL ACCEPTANCE CRITERIA.	P	D	P	D	
	1) CRACK PROHIBITION					
	2) WELD/BASE-METAL FUSION					
	3) CRATER CROSS SECTION					
	4) WELD PROFILES AND SIZES					
	5) UNDERCUT					
	6) POROSITY					
Y	d. K-AREA (1).	P	D	P	D	
Y	e. PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS (IF REQUIRED).	P	D	P	D	
Y	f. BACKING REMOVED, WELD TABS REMOVED AND FINISHED, FILLET WELDS ADDED (IF REQUIRED).	P	D	P	D	
Y	g. REPAIR ACTIVITIES.	P	---	P	---	
	4. INSPECTION TASKS PRIOR TO BOLTING:					AISC 341 TABLE J7.1
Y	a. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL.	O	---	O	---	
Y	b. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL.	O	---	O	---	
Y	c. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	O	---	O	---	
Y	d. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED FOR FASTENER ASSEMBLIES AND METHODS USED.	P	D	P	D	
Y	e. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS.	O	---	O	---	
	5. INSPECTION TASKS DURING BOLTING:					AISC 341 TABLE J7.2
Y	a. FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED.	O	---	O	---	
Y	b. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.	O	---	O	---	
Y	c. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	O	---	O	---	
Y	d. BOLTS ARE PRETENSIONED, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES.	O	---	O	---	
	6. INSPECTION TASKS AFTER BOLTING:					AISC 341 TABLE J7.3
Y	a. DOCUMENT ACCEPTED OR REJECTED CONNECTIONS.	P	D	P	D	

O: ITEMS NEED TO BE OBSERVED ON A RANDOM DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.

P: ITEMS NEED TO BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.

D: THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS PER ASIC 341 J5-3.

P/O: THE ITEMS NEED TO BE PERFORMED OR OBSERVED PER AISC 341, TABLE J6-1.

(1) WHEN WELDING OF DOUBLE PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3 IN. (75MM) OF THE WELD. THE VISUAL INSPECTION SHALL BE PERFORMED NO SOONER THAN 48 HOURS FOLLOWING COMPLETION OF THE WELDING.

SPECIAL INSPECTION AND VERIFICATION OF STEEL SEISMIC FORCE RESISTANCE SYSTEMS OTHER

OTHER INSPECTION TASKS, INSPECTION OF COMPOSITE STRUCTURES, AND INSPECTION OF H-PILES

SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK	TYPE OF INSPECTION				REFERENCED STANDARD
		QUALITY CONTROL		QUALITY ASSURANCE		
		TASK	DOCUMENT	TASK	DOCUMENT	
	1. OTHER INSPECTION TASKS:					AISC 341 TABLE J8.1
Y	a. RBS REQUIREMENTS, IF APPLICABLE.	P	D	P	D	
	1) CONTOUR AND FINISH					
	2) DIMENSION TOLERANCES					
Y	b. PROTECTED ZONE - NO HOLES AND UNAPPROVED ATTACHMENTS MADE BY FABRICATION OR ERECTOR, AS APPLICABLE.	P	D	P	D	
	2. INSPECTION OF COMPOSITE STRUCTURES PRIOR TO CONCRETE PLACEMENT:					AISC 341, TABLE J9.1
Y	a. MATERIAL IDENTIFICATION OF REINFORCING STEEL (TYPE/GRADE).	O	---	O	---	
Y	b. DETERMINATION OF CARBON EQUIVALENT FOR REINFORCING STEEL OTHER THAN ASTM A706.	O	---	O	---	
Y	c. REINFORCING STEEL SIZE, SPACING, AND ORIENTATION.	O	---	O	---	
Y	d. REINFORCING STEEL HAS NOT BEEN REBENT IN FIELD.	O	---	O	---	
Y	e. REINFORCING STEEL HAS BEEN TIED AND SUPPORTED AS REQUIRED.	O	---	O	---	
Y	f. REQUIRED REINFORCING STEEL CLEARANCES HAVE BEEN PROVIDED.	O	---	O	---	
Y	g. COMPOSITE MEMBER HAS REQUIRED SIZE.	O	---	O	---	
	3. INSPECTION OF COMPOSITE STRUCTURES DURING CONCRETE PLACEMENTS:					AISC 341, TABLE J9.2
Y	a. CONCRETE: MATERIAL IDENTIFICATION (MIX DESIGN, COMPRESSIVE STRENGTH, MAXIMUM LARGE AGGREGATE SIZE, MAXIMUM SLUMP)	O	D	O	D	
Y	b. LIMITS OF WATER ADDED AT TRUCK OR PUMP.	O	D	O	D	
Y	c. PROPER PLACEMENT TECHNIQUES TO LIMIT SEGREGATION.	O	---	O	---	
	4. INSPECTION OF COMPOSITE AFTER CONCRETE PLACEMENT:					AISC 341, TABLE J9.3
Y	a. ACHIEVEMENT OF MINIMUM SPECIFIED CONCRETE COMPRESSIVE STRENGTH AT SPECIFIED AGE.	---	D	---	D	
	5. INSPECTION OF H. PILES:					AISC 341, TABLE J10.1
Y	a. PROTECTED ZONE - NO HOLES AND UNAPPROVED ATTACHMENTS MADE BY THE RESPONSIBLE CONTRACTOR, AS APPLICABLE.	P	D	P	D	

O: ITEMS NEED TO BE OBSERVED ON A RANDOM DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.

P: ITEMS NEED TO BE PERFORMED PRIOR TO THE FINAL ACCEPTANCE OF THE ITEM.

D: THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS PER ASIC 341 J5-3.

P/O: THE ITEMS NEED TO BE PERFORMED OR OBSERVED PER AISC 341, TABLE J6-1.

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/7/2024
PROJECT NO	20-0010

DRAWING NAME

SPECIAL INSPECTION TABLES

SHEET NO

S006

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SPECIAL INSPECTIONS AND TESTS OF DRIVEN DEEP FOUNDATION ELEMENTS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
Y	1.	VERIFY ELEMENT MATERIALS, SIZES AND LENGTHS COMPLY WITH THE REQUIREMENTS.	X	---	1705.7
Y	2.	DETERMINE CAPACITIES OF TEST ELEMENTS AND CONDUCT ADDITIONAL LOAD TESTS, AS REQUIRED.	X	---	1705.7
Y	3.	INSPECT DRIVING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	X	---	1705.7
Y	4.	VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM TYPE AND SIZE OF HAMMER, RECORD NUMBER OF BLOWS PER FOOT OF PENETRATION, DETERMINE REQUIRED PENETRATIONS TO ACHIEVE DESIGN CAPACITY, RECORD TIP AND BUTT ELEVATIONS AND DOCUMENT ANY DAMAGE TO FOUNDATION ELEMENT.	X	---	1705.7
Y	5.	FOR STEEL ELEMENTS, PERFORM ADDITIONAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.2.	---	---	1705.2
Y	6.	FOR CONCRETE ELEMENTS AND CONCRETE-FILLED ELEMENTS, PERFORM TESTS AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3.	---	---	1705.3
Y	7.	FOR SPECIALTY ELEMENTS, PERFORM ADDITIONAL INSPECTIONS AS DETERMINED BY THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE.	---	---	1705.7

SPECIAL INSPECTIONS AND TESTS OF CAST-IN-PLACE DEEP FOUNDATION ELEMENTS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
Y	1.	INSPECT DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT.	X	---	1705.8
Y	2.	VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM ELEMENT DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END-BEARING STRATA CAPACITY. RECORD CONCRETE OR GROUT VOLUMES.	X	---	1705.8
Y	3.	FOR CONCRETE ELEMENTS, PERFORM TEST AND ADDITIONAL SPECIAL INSPECTIONS IN ACCORDANCE WITH SECTION 1705.3.	---	---	1705.3

SPECIAL INSPECTIONS AND TESTS OF HELICAL PILE FOUNDATIONS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
Y	1.	RECORD INSTALLATION EQUIPMENT USED, PILE DIMENSIONS, TIP ELEVATIONS, FINAL DEPTH, FINAL INSTALLATION TORQUE, AND OTHER PERTINENT INSTALLATION DATA.	X	---	1705.9

SPECIAL INSPECTION AND VERIFICATION OF WOOD CONSTRUCTION

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
Y	1.	PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES IN ACCORDANCE WITH IBC SECTION 1704.2.5.	---	X	1704.2.5, 1705.5
	2.	HIGH-LOAD DIAPHRAGMS:			
Y	a.	VERIFY GRADE AND THICKNESS OF SHEATHING.	---	X	1705.5.1
Y	b.	VERIFY NOMINAL SIZE OF FRAMING MEMBERS AT ADJOINING PANEL EDGES.	---	X	1705.5.1
	c.	VERIFY:			
Y		1) NAIL OR STAPLE DIAMETER AND LENGTH	---	X	1705.5.1
Y		2) NUMBER OF FASTENER LINES	---	X	1705.5.1
Y		3) SPACING BETWEEN FASTENERS IN EACH LINE AND AT EDGE MARGINS	---	X	1705.5.1
Y	3.	FOR METAL-PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FEET OR GREATER, VERIFY TEMPORARY INSTALLATION RESTRAINT/BRACING AND THE PERMANENT INDIVIDUAL TRUSS MEMBER RESTRAINT/BRACING ARE INSTALLED IN ACCORDANCE WITH THE APPROVED TRUSS SUBMITTAL PACKAGE.	---	X	1705.5.2

SPECIAL INSPECTIONS OF MASS TIMBER CONSTRUCTION

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	
Y	1.	INSPECTION OF ANCHORAGE AND CONNECTIONS OF MASS TIMBER CONSTRUCTION TO TIMBER DEEP FOUNDATION SYSTEMS.	---	X	IBC 1705.5.3
Y	2.	INSPECT ERECTION OF MASS TIMBER CONSTRUCTION.	---	X	IBC 1705.5.3
Y	3.	INSPECTION OF CONNECTIONS WHERE INSTALLATION METHODS ARE REQUIRED TO MEET DESIGN LOADS:			
Y	a.	THREADED FASTENERS.	---	X	IBC 1705.5.3
		1) VERIFY USE OF PROPER INSTALLATION EQUIPMENT			
		2) VERIFY USE OF PRE-DRILLED HOLES WHERE REQUIRED			
		3) INSPECT SCREWS, INCLUDING DIAMETER, LENGTH, HEAD TYPE, SPACING, INSTALLATION ANGLE AND DEPTH			
	b.	ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATION ORIENTATION TO RESIST SUSTAINED TENSION LOADS.	X	---	
	c.	ADHESIVE ANCHORS NOT DEFINED IN PRECEDING CELL.	---	X	
	d.	BOLTED CONNECTIONS.	---	X	
	e.	CONCEALED CONNECTIONS.	---	X	

SPECIAL INSPECTIONS OF STORAGE RACK SYSTEMS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF TESTING		REFERENCE FOR CRITERIA	
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	REFERENCED STANDARD	IBC REFERENCE
Y	1.	MATERIALS USED, TO VERIFY COMPLIANCE WITH ONE OR MORE OF THE MATERIAL TEST REPORTS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.	---	X	---	---
Y	2.	FABRICATED STORAGE RACK ELEMENTS.	---	X	---	SECTION 1704.2.5
Y	3.	STORAGE RACK ANCHORAGE INSTALLATION.	---	X	ANSI/MH16.1 SECTION 7.3.2	---
Y	4.	COMPLETED STORAGE RACK SYSTEM, TO INDICATE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.	---	X	---	---

SPECIAL INSPECTION AND VERIFICATION OF COLD-FORMED STEEL LIGHT FRAME CONSTRUCTION - LATERAL FORCE-RESISTING SYSTEMS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	TYPE OF INSPECTION			REFERENCED STANDARD
			QUALITY CONTROL TASK	BASIC FRAME INSPECTION	QUALITY ASSURANCE TASK	AISI 240
	1.	ADDITIONAL INSPECTION OR EXECUTION TASKS PRIOR TO INSTALLATION OF COLD-FORM STEEL LATERAL FORCE RESISTING SYSTEMS:				
Y	a.	VERIFY COMPLIANCE OF SHEAR WALL AND DIAPHRAGM SHEATHING, DIAGONAL STRAP BRACING, AND HOLD-DOWNS, AS APPLICABLE.	P	---	---	TABLE D6.10-1
Y	b.	DOCUMENT ACCEPTANCE OR REJECTION OF SHEAR WALL AND DIAPHRAGM SHEATHING, DIAGONAL STRAP BRACING, AND HOLD-DOWNS, AS APPLICABLE	--- (1)	---	---	
	2.	ADDITIONAL INSPECTION OR EXECUTION TASKS PRIOR TO WELDING OF COLD-FORMED LATERAL FORCE-RESISTING SYSTEMS:				
Y	a.	WELDER IDENTIFICATION SYSTEM (2).	O	---	---	TABLE D6.10-2
Y	b.	FIT-UP OF WELDS (ALIGNMENT, GAPS, CONDITION OF STEEL SURFACES).	P/O (3)	---	---	
	3.	ADDITIONAL INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING OF COLD-FORMED STEEL LATERAL FORCE-RESISTING SYSTEMS:				
Y	a.	PROPER FASTENERS SELECTED.	O	---	---	TABLE D6.10-3
Y	b.	PROPER INSTALLATION PROCEDURE SELECTED.	O	---	---	
Y	c.	CONNECTING ELEMENTS MEET APPLICABLE REQUIREMENTS.	O	---	---	
	4.	ADDITIONAL INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING OF COLD-FORMED STEEL LATERAL FORCE-RESISTING SYSTEMS:				
Y	a.	FOR SCREW CONNECTIONS, JOINT BROUGHT TIGHT (E.G., CLAMPED) TO AVOID GAPS BETWEEN PILES.	O	---	O	TABLE D6.10-4
Y	b.	FOR SCREW CONNECTIONS, TOOL ADJUSTED TO AVOID STRIPPED AND OVERDRIVEN FASTENERS.	O	---	O	
Y	c.	FOR POST-INSTALLED CONNECTIONS TO CONCRETE, INSTALLATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.	P	---	P	
	5.	ADDITIONAL INSPECTION OR EXECUTION TASKS AFTER INSTALLATION OF COLD-FORMED STEEL LATERAL FORCE-RESISTING SYSTEMS:				
Y	a.	VERIFY COMPLIANCE OF COLD-FORMED STEEL LATERAL FORCE-RESISTING SYSTEM INSTALLATION: SCREW ATTACHMENT, BOLTING, ANCHORING AND OTHER FASTENING OF ELEMENTS OF THE LATERAL FORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, STRAP BRACED WALLS, BRACES, DIAPHRAGMS, COLLECTORS (DRAG STRUTS) AND HOLD DOWN SYSTEMS.	P	---	O	TABLE D6.10-5
Y	b.	DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF COLD-FORMED STEEL LATERAL FORCE-RESISTING SYSTEM.	--- (1)	---	P	

O: ITEMS NEED TO BE OBSERVED ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.

P: ITEMS NEED TO BE PERFORMED FOR EACH WELD JOINT OR MEMBER.

D: PREPARE REPORTS OR OTHER WRITTEN DOCUMENTATION INDICATING THAT THE WORK HAS OR HAS NOT BEEN PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.

(1) DOCUMENTATION TASKS FOR QUALITY CONTROL SHOULD BE AS DEFINED BY THE APPLICABLE QUALITY CONTROL PROGRAM OF THE COMPONENT MANUFACTURER OR INSTALLER.

(2) A SYSTEM MAINTAINED BY THE COMPONENT MANUFACTURER OR INSTALLER , AS APPLICABLE, BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED.

(3) SEE SECTION D6.10.1.

SPECIAL INSPECTIONS FOR WIND RESISTANCE

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
	1.	STRUCTURAL WOOD:			
Y	a.	FIELD GLUING OPERATIONS OF ELEMENTS OF THE MAIN-WIND-FORCE-RESISTING SYSTEM.	X	---	1705.12.1
Y	b.	NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF ELEMENTS OF THE MAIN-WIND-FORCE-RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES, AND HOLD DOWNS.	---	X	1705.12.1
	2.	COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION:			
Y	a.	WELDING OPERATIONS OF ELEMENTS OF THE MAIN-WIND-FORCE-RESISTING SYSTEM.	---	X	1705.12.2
Y	b.	SCREW ATTACHMENTS, BOLTING, ANCHORING, AND OTHER FASTENING OF ELEMENTS OF THE MAIN-WIND-FORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, BRACES, DIAPHRAGMS, COLLECTORS (DRAG STRUTS), AND HOLD DOWNS.	---	X	1705.12.2
	3.	WIND-RESISTING COMPONENTS:			
Y	a.	ROOF COVERING, ROOF DECK, AND ROOF FRAMING CONNECTIONS.	---	X	1705.12.3
Y	b.	EXTERIOR WALL COVERING AND WALL CONNECTIONS TO ROOF AND FLOOR DIAPHRAGMS AND FRAMING.	---	X	1705.12.3

SPECIAL INSPECTION OF SEISMIC FORCE RESISTING AND DESIGNATED SYSTEMS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
	1.	STRUCTURAL STEEL: (SDC B, C, D, E, OR F)			
Y	a.	SEISMIC-FORCE-RESISTING SYSTEM: SPECIAL INSPECTIONS OF STRUCTURAL STEEL IN THE SEISMIC-FORCE-RESISTING SYSTEMS OF BUILDING AND STRUCTURES SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE REQUIREMENTS OF AISC 341.	PER AISC 341	PER AISC 341	1705.13.1.1
Y	b.	STRUCTURAL STEEL ELEMENTS: SPECIAL INSPECTIONS OF STRUCTURAL STEEL ELEMENTS IN THE SEISMIC-FORCE-RESISTING SYSTEMS OF BUILDINGS AND STRUCTURES OTHER THAN THOSE COVERED ABOVE, INCLUDING STRUTS, COLLECTORS, CHORDS, AND FOUNDATION ELEMENTS SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE REQUIREMENTS OF AISC 341.	PER AISC 341	PER AISC 341	1705.13.1.2
	2.	STRUCTURAL WOOD: (SDC C, D, E, OR F)			
N	a.	FIELD GLUING OPERATIONS OF ELEMENTS IN THE SEISMIC-FORCE-RESISTING SYSTEM.	X	---	1705.13.2
N	b.	NAILING, BOLTING, ANCHORING, AND OTHER FASTENING OF ELEMENTS OF THE SEISMIC-FORCE-RESISTING SYSTEM, INCLUDING WOOD SHEAR WALLS, WOOD DIAPHRAGMS, DRAG STRUTS, BRACES, SHEAR PANELS, AND HOLD DOWNS.	---	X	1705.13.2
	3.	COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION: (SDC C, D, E, OR F)			
Y	a.	WELDING OPERATIONS OF ELEMENTS OF THE SEISMIC-FORCE-RESISTING SYSTEM.	---	X	1705.13.3
Y	b.	SCREW ATTACHMENTS, BOLTING, ANCHORING, AND OTHER FASTENING OF ELEMENTS OF THE SEISMIC-FORCE-RESISTING SYSTEM, INCLUDING SHEAR WALLS, BRACES, DIAPHRAGMS, COLLECTORS (DRAG STRUTS), AND HOLD DOWNS.	---	X	1705.13.3
	4.	ARCHITECTURAL COMPONENTS: (SDC D, E, OR F)			
N	a.	ERECTION AND FASTENING OF EXTERIOR CLADDING, INTERIOR AND EXTERIOR NONBEARING WALLS, AND INTERIOR AND EXTERIOR VENEER.	---	X	1705.13.5
N	b.	ANCHORAGE OF ACCESS FLOORS.	---	X	1705.13.5.1
	5.	COLD-FORMED STEEL SPECIAL BOLTED MOMENT FRAMES: (SDC D, E, OR F)			
N	a.	INSTALLATION OF COLD-FORMED STEEL SPECIAL BOLTED MOMENT FRAMES IN THE SEISMIC FORCE-RESISTANCE SYSTEMS OF STRUCTURES.	---	X	1705.13.9

STRUCTURAL TESTING FOR SEISMIC RESISTANCE OF SEISMIC FORCE RESISTING SYSTEMS

SPECIAL INSPECTION REQUIRED Y/N		VERIFICATION AND INSPECTION TASK	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA
			CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION
	1.	STRUCTURAL STEEL: (SDC B, C, D, E, OR F)			
Y	a.	SEISMIC-FORCE-RESISTING SYSTEM: NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL IN THE SEISMIC-FORCE-RESISTING SYSTEMS OF BUILDING AND STRUCTURES SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE REQUIREMENTS OF AISC 341.	PER AISC 341	PER AISC 341	1705.14.1.1
Y	b.	STRUCTURAL STEEL ELEMENTS: NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN THE SEISMIC-FORCE-RESISTING SYSTEMS OF BUILDINGS AND STRUCTURES OTHER THAN THOSE COVERED ABOVE, INCLUDING STRUTS, COLLECTORS, CHORDS, AND FOUNDATION ELEMENTS SHALL BE PERFORMED IN ACCORDANCE WITH THE QUALITY ASSURANCE REQUIREMENTS OF AISC 341.	PER AISC 341	PER AISC 341	1705.14.1.2
Y	2.	SEISMIC CERTIFICATION OF NON-STRUCTURAL COMPONENTS: (SDC B, C, D, E, OR F)	PER CONSTRUCTION DOCUMENTS		1705.14.2
Y	3.	DESIGNATED SEISMIC SYSTEMS (SDC C, D, E, OR F).	PER CONSTRUCTION DOCUMENTS		1705.14.3

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DATE	6/7/2024
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SPECIAL INSPECTION TABLES

SHEET NO

S007

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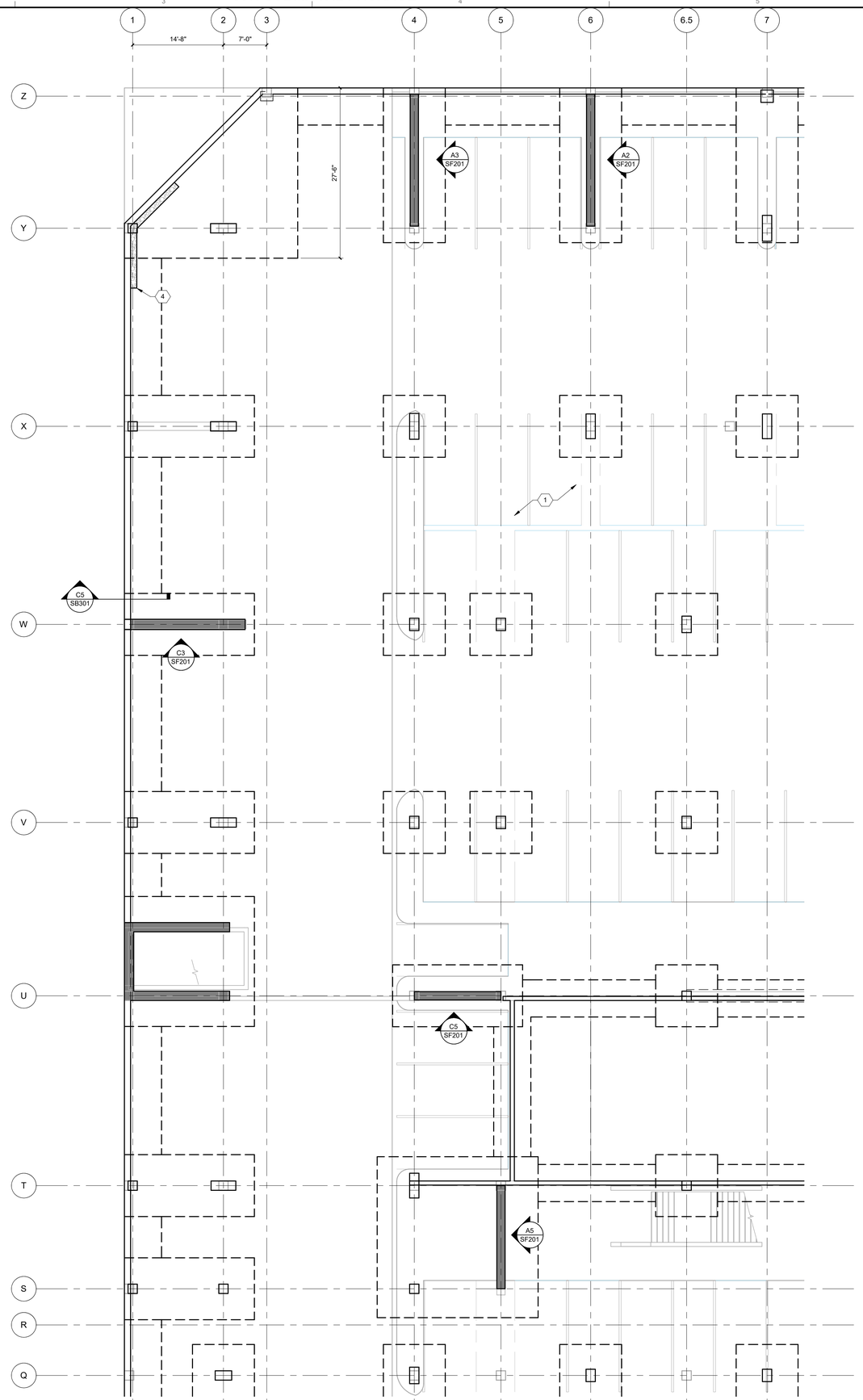


GENERAL SHEET NOTES

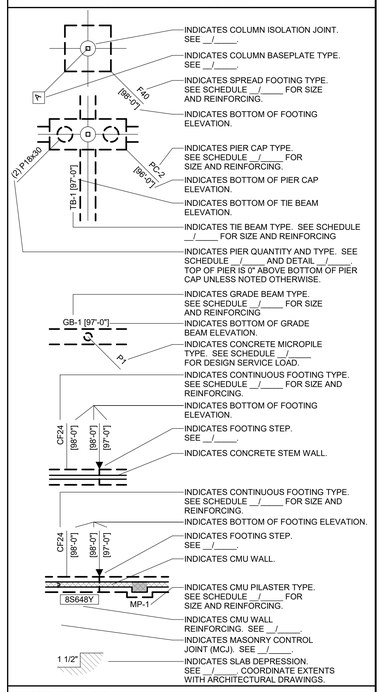
A. REFERENCE FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE, SEE CIVIL FOR MSLE.
B. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
C. SEE SHEETS SB301 THROUGH SB601 FOR FOUNDATION SECTIONS, DETAILS, AND SCHEDULES.
D. DIMENSIONS ARE TO FACE OF CONCRETE STEM WALLS UNLESS NOTED OTHERWISE.
E. FOR CONCRETE LAP SPLICE AND EMBEDMENT SCHEDULE, SEE __/_____, FOR CMU LAP SPLICE SCHEDULE, SEE __/_____.
F. SEE __/_____ FOR TYPICAL REINFORCING AT CONTINUOUS FOOTING CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT CONCRETE WALL CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT TOPS AND ENDS OF CONCRETE WALLS.
G. SEE DETAILS ON SHEET _____ FOR TYPICAL REINFORCING AT CMU WALL ENDS, CORNERS, AND INTERSECTIONS.
H. CONTRACTOR SHALL COORDINATE OPENINGS AND TOP OF STEM WALL WITH ARCHITECTURAL DRAWINGS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION.
I. SEE ARCHITECTURAL DRAWINGS FOR PERIMETER INSULATION.
J. SEE __/_____ FOR PIPES WHICH PASS UNDER CONTINUOUS FOOTINGS. UNDER NO CIRCUMSTANCES SHALL PIPES PASS THROUGH FOOTINGS, OR UNDER COLUMN SPREAD FOOTINGS. SEE __/_____ FOR REQUIREMENTS FOR PIPES WHICH RUN PARALLEL TO THE EDGE OF SPREAD FOOTINGS.
K. SEE __/_____ FOR PIPES WHICH PASS THROUGH CONCRETE STEM WALLS. SEE __/_____ FOR PIPES WHICH PASS THROUGH CMU WALLS.
L. SEE ARCHITECTURAL FOR EXACT DIMENSIONS AND LOCATIONS OF STEPS AND DEPRESSIONS IN INTERIOR SLAB-ON-GRADE. SEE __/_____.
M. LOCATIONS, SIZES, AND QUANTITIES OF FLOOR DRAINS, FLOOR SINKS, AND PLUMBING PENETRATIONS, AND SLOPED-TO-DRAIN FLOOR AREAS ARE APPROXIMATE. COORDINATE WITH PLUMBING AND ARCHITECTURAL DRAWINGS.
N. COORDINATE AND LOCATE ALL DATA, POWER, AND OTHER FLOOR BOXES WITH THEIR RESPECTIVE TRADES AND DISCIPLINES.
O. NO CONDUIT SHALL BE PERMITTED TO BE RUN HORIZONTALLY IN THE SLAB-ON-GRADE, UNLESS AUTHROIZED BY THE ARCHITECT. SEE __/_____ FOR CONDUIT TO BE RUN BELOW THE SLAB-ON-GRADE.
P. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS AND CURBS NOT SHOWN ON PLAN. SEE DETAILS __/_____ AND __/_____.
Q. CONTRACTOR SHALL VERIFY ALL ELEVATOR PIT DIMENSIONS SHOWN ON PLAN AND IN SECTION WITH ELEVATOR MANUFACTURER'S DRAWINGS PRIOR TO FORMING AND PLACING CONCRETE.
R. CONTRACTOR SHALL COORDINATE INSTALLATION OF ELEVATOR GUIDE RAIL SUPPORT POSTS TO MEET THE REQUIREMENTS OF THE ELEVATOR MANUFACTURER'S DRAWINGS.

SHEET KEYNOTES

NOTE: SOME KEYNOTES MAY NOT APPLY TO THIS SHEET.

1. 6" CONCRETE SLAB-ON-GRADE WITH #? @ ??" OC EACH WAY, SEE __/_____.
2. 10" POST TENSION CONCRETE SLAB.
3. 15" POST TENSION CONCRETE SLAB.
4. SLAB EDGE RELEASE.
5. 16" POST TENSION CONCRETE SLAB.
6. 18" CONCRETE DROP PANELS.
7. FLOOR DRAIN, SLOPE SLAB TO DRAIN 1/8" PER FOOT. MAINTAIN INDICATED MINIMUM SLAB THICKNESS THROUGHOUT SLOPED AREA. COORDINATE DRAIN LOCATION WITH PLUMBING DRAWINGS, AND EXTENTS OF SLOPED AREA WITH ARCHITECTURAL DRAWINGS.
8. FLOOR SINK, SEE PLUMBING AND ARCHITECTURAL DRAWINGS FOR LOCATION.
9. 7" HOUSEKEEPING PAD, SEE _____. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION.
10. HSS6x0x0/0 ELEVATOR GUIDERAIL SUPPORT POST, SEE __/_____ FOR CONNECTION AT BASE. LOCATE AS REQUIRED BY ELEVATOR MANUFACTURER.
11. ELEVATOR SUMP PIT, SEE __/_____. CONTRACTOR SHALL VERIFY SIZE AND LOCATION WITH ELEVATOR MANUFACTURER'S REQUIREMENTS AND WITH PLUMBING DRAWINGS PRIOR TO FORMING AND PLACING CONCRETE.

FOUNDATION LEGEND



KEYPLAN

A3 LOWER LEVEL 1 FOUNDATION PLAN - AREA A
1/8" = 1'-0"

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ALBUQUERQUE NM 87110

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REVISIONS

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REVIEWED BY	CM, BB
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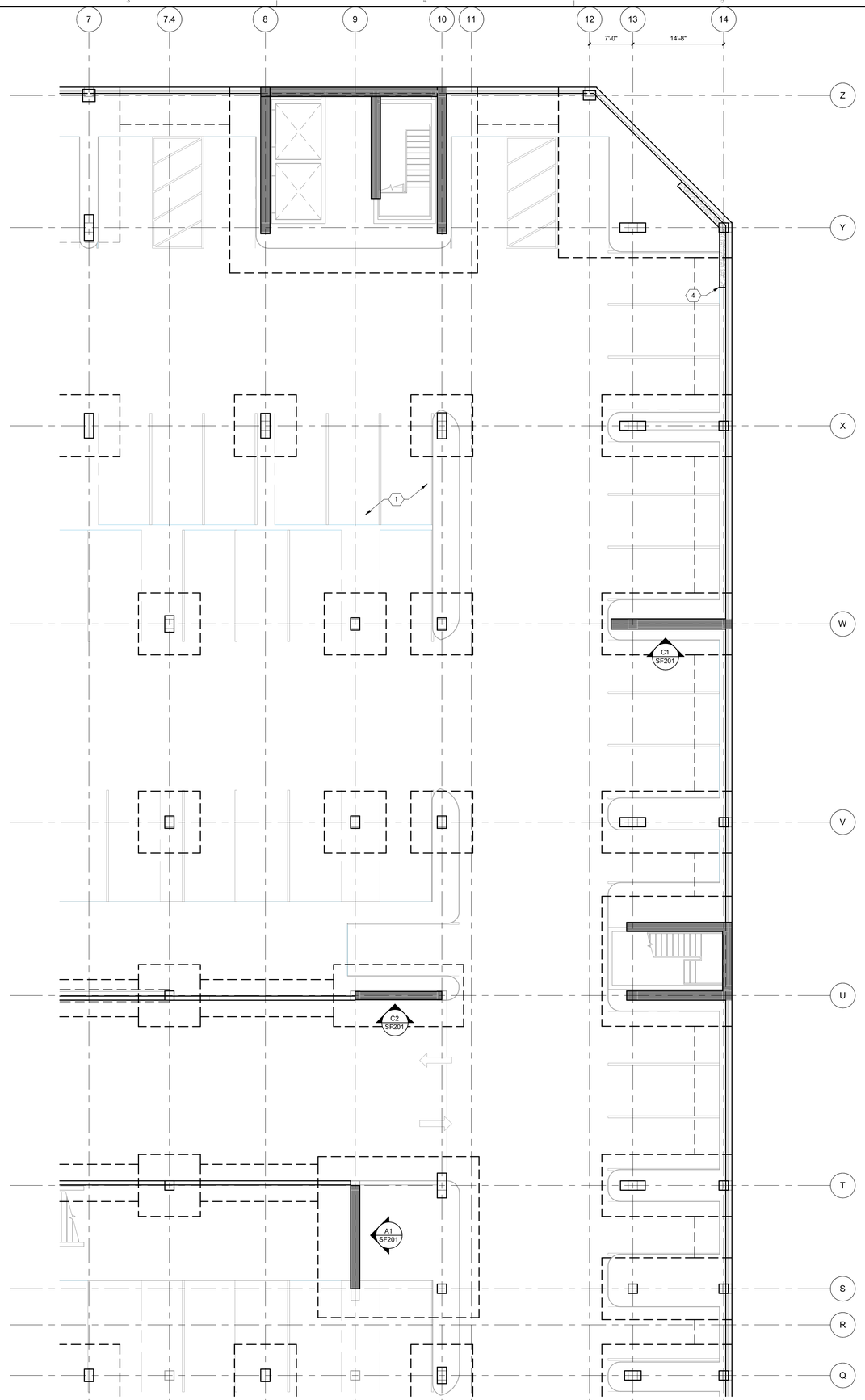
DRAWING NAME
LOWER LEVEL 1 FOUNDATION PLAN - AREA A

SHEET NO
SB100A



GENERAL SHEET NOTES

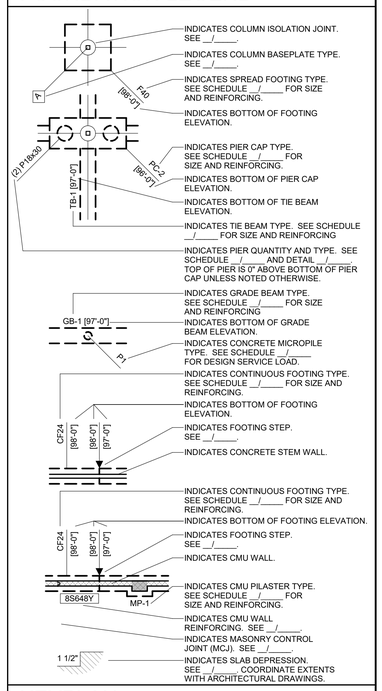
A. REFERENCE FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE, SEE CIVIL FOR MSLE.
B. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
C. SEE SHEETS SB301 THROUGH SB601 FOR FOUNDATION SECTIONS, DETAILS, AND SCHEDULES.
D. DIMENSIONS ARE TO FACE OF CONCRETE STEM WALLS UNLESS NOTED OTHERWISE.
E. FOR CONCRETE LAP SPLICE AND EMBEDMENT SCHEDULE, SEE __/_____. FOR CMU LAP SPLICE SCHEDULE, SEE __/_____.
F. SEE __/_____ FOR TYPICAL REINFORCING AT CONTINUOUS FOOTING CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT CONCRETE WALL CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT TOPS AND ENDS OF CONCRETE WALLS.
G. SEE DETAILS ON SHEET _____ FOR TYPICAL REINFORCING AT CMU WALL ENDS, CORNERS, AND INTERSECTIONS.
H. CONTRACTOR SHALL COORDINATE OPENINGS AND TOP OF STEM WALL WITH ARCHITECTURAL DRAWINGS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION.
I. SEE ARCHITECTURAL DRAWINGS FOR PERIMETER INSULATION.
J. SEE __/_____ FOR PIPES WHICH PASS UNDER CONTINUOUS FOOTINGS. UNDER NO CIRCUMSTANCES SHALL PIPES PASS THROUGH FOOTINGS, OR UNDER COLUMN SPREAD FOOTINS. SEE __/_____ FOR REQUIREMENTS FOR PIPES WHICH RUN PARALLEL TO THE EDGE OF SPREAD FOOTINGS.
K. SEE __/_____ FOR PIPES WHICH PASS THROUGH CONCRETE STEM WALLS. SEE __/_____ FOR PIPES WHICH PASS THROUGH CMU WALLS.
L. SEE ARCHITECTURAL FOR EXACT DIMENSIONS AND LOCATIONS OF STEPS AND DEPRESSIONS IN INTERIOR SLAB-ON-GRADE. SEE __/_____.
M. LOCATIONS, SIZES, AND QUANTITIES OF FLOOR DRAINS, FLOOR SINKS, AND PLUMBING PENETRATIONS, AND SLOPED-TO-DRAIN FLOOR AREAS ARE APPROXIMATE. COORDINATE WITH PLUMBING AND ARCHITECTURAL DRAWINGS.
N. COORDINATE AND LOCATE ALL DATA, POWER, AND OTHER FLOOR BOXES WITH THEIR RESPECTIVE TRADES AND DISCIPLINES.
O. NO CONDUIT SHALL BE PERMITTED TO BE RUN HORIZONTALLY IN THE SLAB-ON-GRADE, UNLESS AUTHROIZED BY THE ARCHITECT. SEE __/_____ FOR CONDUIT TO BE RUN BELOW THE SLAB-ON-GRADE.
P. REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR HOUSEKEEPING PADS AND CURBS NOT SHOWN ON PLAN. SEE DETAILS __/_____ AND __/_____.
Q. CONTRACTOR SHALL VERIFY ALL ELEVATOR PIT DIMENSIONS SHOWN ON PLAN AND IN SECTION WITH ELEVATOR MANUFACTURER'S DRAWINGS PRIOR TO FORMING AND PLACING CONCRETE.
R. CONTRACTOR SHALL COORDINATE INSTALLATION OF ELEVATOR GUIDE RAIL SUPPORT POSTS TO MEET THE REQUIREMENTS OF THE ELEVATOR MANUFACTURER'S DRAWINGS.

SHEET KEYNOTES

NOTE: SOME KEYNOTES MAY NOT APPLY TO THIS SHEET.

1. 6" CONCRETE SLAB-ON-GRADE WITH #? @ ??" OC EACH WAY, SEE __/_____.
2. 10" POST TENSION CONCRETE SLAB.
3. 15" POST TENSION CONCRETE SLAB.
4. SLAB EDGE RELEASE.
5. 16" POST TENSION CONCRETE SLAB.
6. 18" CONCRETE DROP PANELS.
7. FLOOR DRAIN. SLOPE SLAB TO DRAIN 1/8" PER FOOT. MAINTAIN INDICATED MINIMUM SLAB THICKNESS THROUGHOUT SLOPED AREA. COORDINATE DRAIN LOCATION WITH PLUMBING DRAWINGS, AND EXTENTS OF SLOPED AREA WITH ARCHITECTURAL DRAWINGS.
8. FLOOR SINK, SEE PLUMBING AND ARCHITECTURAL DRAWINGS FOR LOCATION.
9. 7" HOUSEKEEPING PAD, SEE _____. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION.
10. HSS6x0x0/0 ELEVATOR GUIDERAIL SUPPORT POST, SEE __/_____ FOR CONNECTION AT BASE. LOCATE AS REQUIRED BY ELEVATOR MANUFACTURER.
11. ELEVATOR SUMP PIT, SEE __/_____. CONTRACTOR SHALL VERIFY SIZE AND LOCATION WITH ELEVATOR MANUFACTURER'S REQUIREMENTS AND WITH PLUMBING DRAWINGS PRIOR TO FORMING AND PLACING CONCRETE.

FOUNDATION LEGEND



KEYPLAN

A3 LOWER LEVEL 1 FOUNDATION PLAN - AREA B
1/8" = 1'-0"

6/13/2024 4:35:58 PM

DEKKER PERICH SABATINI
Architecture in Progress

NOT FOR CONSTRUCTION

SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

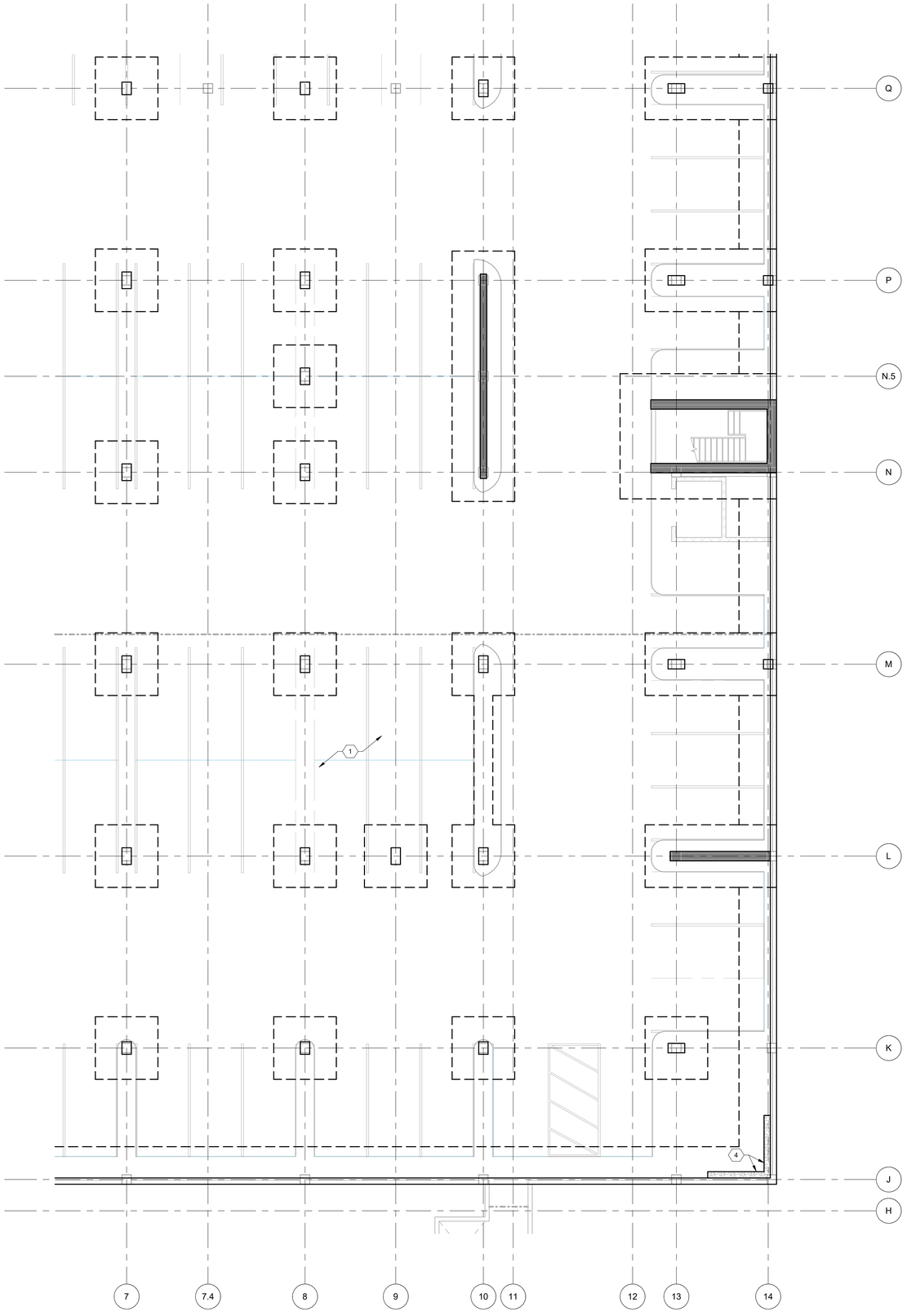
DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

LOWER LEVEL 1 FOUNDATION PLAN - AREA B

SHEET NO

SB100B



GENERAL SHEET NOTES

A. REFERENCE FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE, SEE CIVIL FOR MSLE.
B. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
C. SEE SHEETS SB301 THROUGH SB601 FOR FOUNDATION SECTIONS, DETAILS, AND SCHEDULES.
D. DIMENSIONS ARE TO FACE OF CONCRETE STEM WALLS UNLESS NOTED OTHERWISE.
E. FOR CONCRETE LAP SPLICE AND EMBEDMENT SCHEDULE, SEE __/_____.
F. SEE __/_____ FOR TYPICAL REINFORCING AT CONTINUOUS FOOTING CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT CONCRETE WALL CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT TOPS AND ENDS OF CONCRETE WALLS.
G. SEE DETAILS ON SHEET _____ FOR TYPICAL REINFORCING AT CMU WALL ENDS, CORNERS, AND INTERSECTIONS.
H. CONTRACTOR SHALL COORDINATE OPENINGS AND TOP OF STEM WALL WITH ARCHITECTURAL DRAWINGS. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION.
I. SEE ARCHITECTURAL DRAWINGS FOR PERIMETER INSULATION.
J. SEE __/_____ FOR PIPES WHICH PASS UNDER CONTINUOUS FOOTINGS. UNDER NO CIRCUMSTANCES SHALL PIPES PASS THROUGH FOOTINGS, OR UNDER COLUMN SPREAD FOOTINGS. SEE __/_____ FOR REQUIREMENTS FOR PIPES WHICH RUN PARALLEL TO THE EDGE OF SPREAD FOOTINGS.
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L. SEE ARCHITECTURAL FOR EXACT DIMENSIONS AND LOCATIONS OF STEPS AND DEPRESSIONS IN INTERIOR SLAB-ON-GRADE. SEE __/_____.
M. LOCATIONS, SIZES, AND QUANTITIES OF FLOOR DRAINS, FLOOR SINKS, AND PLUMBING PENETRATIONS, AND SLOPED-TO-DRAIN FLOOR AREAS ARE APPROXIMATE. COORDINATE WITH PLUMBING AND ARCHITECTURAL DRAWINGS.
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R. CONTRACTOR SHALL COORDINATE INSTALLATION OF ELEVATOR GUIDE RAIL SUPPORT POSTS TO MEET THE REQUIREMENTS OF THE ELEVATOR MANUFACTURER'S DRAWINGS.

SHEET KEYNOTES

NOTE: SOME KEYNOTES MAY NOT APPLY TO THIS SHEET.

1. 6" CONCRETE SLAB-ON-GRADE WITH #? @ ??" OC EACH WAY, SEE __/_____.
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8. FLOOR SINK, SEE PLUMBING AND ARCHITECTURAL DRAWINGS FOR LOCATION.
9. 7" HOUSEKEEPING PAD, SEE _____. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION.
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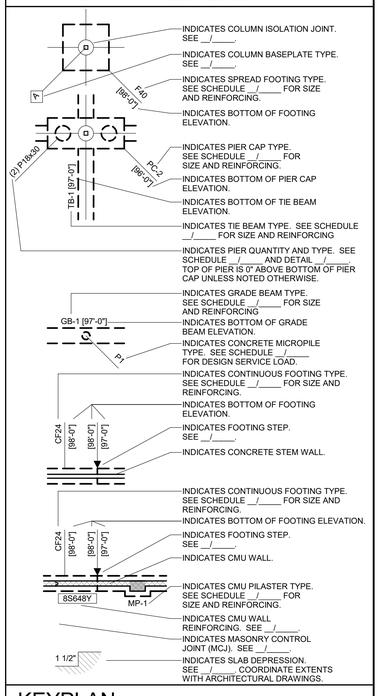
11. ELEVATOR SUMP PIT, SEE __/_____. CONTRACTOR SHALL VERIFY SIZE AND LOCATION WITH ELEVATOR MANUFACTURER'S REQUIREMENTS AND WITH PLUMBING DRAWINGS PRIOR TO FORMING AND PLACING CONCRETE.

FOUNDATION LEGEND



KEYPLAN

DEKKER PERICH SABATINI
Architecture in Progress

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SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

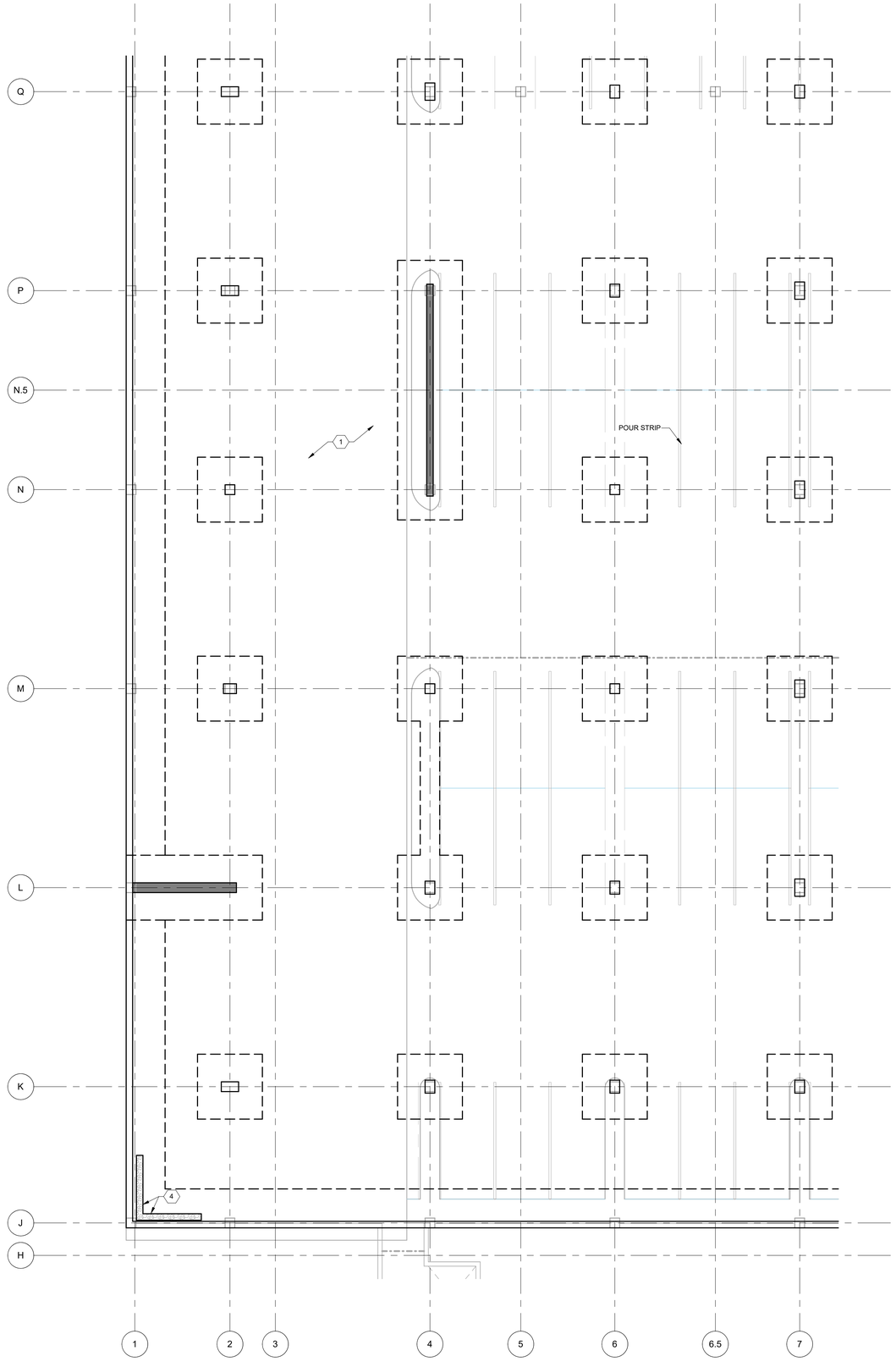
LOWER LEVEL 1 FOUNDATION PLAN - AREA C

SHEET NO

SB100C

A3 LOWER LEVEL 1 FOUNDATION PLAN - AREA C
1/8" = 1'-0"

6/13/2024 4:35:59 PM



GENERAL SHEET NOTES

A. REFERENCE FINISHED FLOOR ELEVATION = 100'-0" UNLESS NOTED OTHERWISE, SEE CIVIL FOR MSLE.
B. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
C. SEE SHEETS SB301 THROUGH SB601 FOR FOUNDATION SECTIONS, DETAILS, AND SCHEDULES.
D. DIMENSIONS ARE TO FACE OF CONCRETE STEM WALLS UNLESS NOTED OTHERWISE.
E. FOR CONCRETE LAP SPLICE AND EMBEDMENT SCHEDULE, SEE __/_____. FOR CMU LAP SPLICE SCHEDULE, SEE __/_____.
F. SEE __/_____ FOR TYPICAL REINFORCING AT CONTINUOUS FOOTING CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT CONCRETE WALL CORNERS AND INTERSECTIONS. SEE __/_____ FOR TYPICAL REINFORCING AT TOPS AND ENDS OF CONCRETE WALLS.
G. SEE DETAILS ON SHEET _____ FOR TYPICAL REINFORCING AT CMU WALL ENDS, CORNERS, AND INTERSECTIONS.
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SHEET KEYNOTES

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1. 6" CONCRETE SLAB-ON-GRADE WITH #7 @ ??" OC EACH WAY, SEE __/_____.
2. 10" POST TENSION CONCRETE SLAB.
3. 15" POST TENSION CONCRETE SLAB.
4. SLAB EDGE RELEASE.
5. 16" POST TENSION CONCRETE SLAB.
6. 18" CONCRETE DROP PANELS.
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9. 7" HOUSEKEEPING PAD, SEE _____. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING DRAWINGS FOR EXACT SIZE AND LOCATION.
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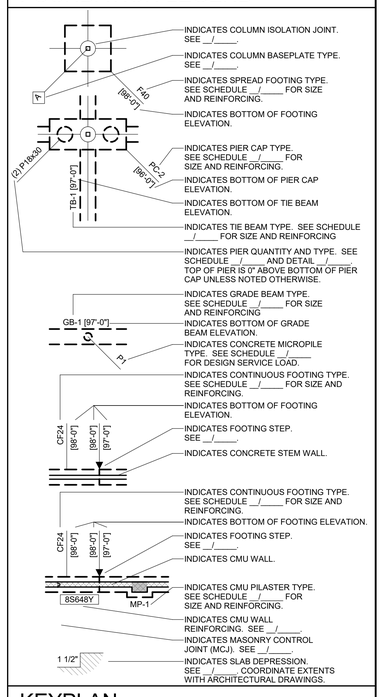
FOUNDATION LEGEND



KEYPLAN

DEKKER PERICH SABATINI
Architecture in Progress

NOT FOR CONSTRUCTION

SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

LOWER LEVEL 1 FOUNDATION PLAN - AREA D

SHEET NO

SB100D

A3 LOWER LEVEL 1 FOUNDATION PLAN - AREA D
1/8" = 1'-0"

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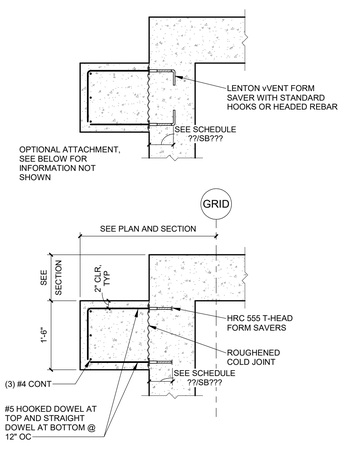
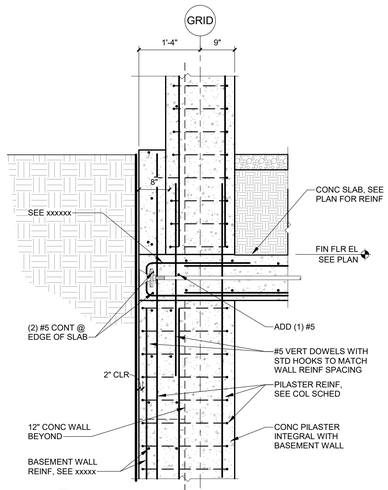
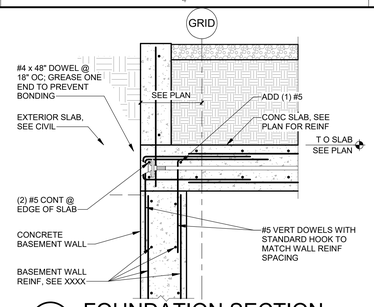


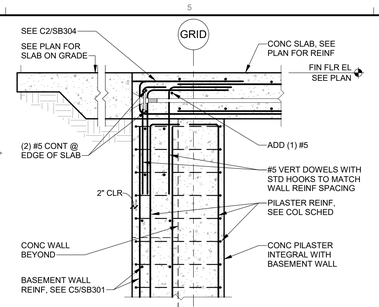
D2 FOUNDATION SECTION
3/4" = 1'-0"



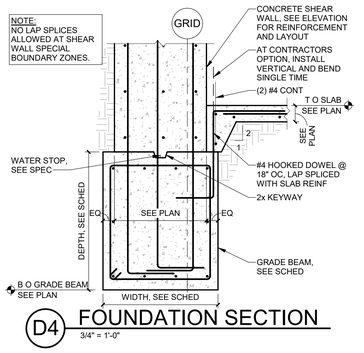
D3 BASEMENT WALL SECTION
3/4" = 1'-0"



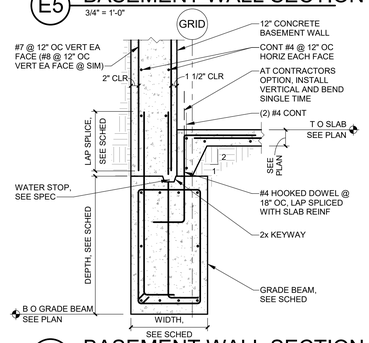
E4 FOUNDATION SECTION
3/4" = 1'-0"



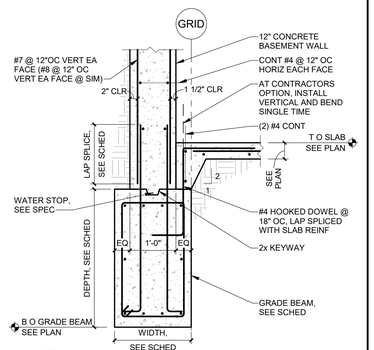
E5 BASEMENT WALL SECTION
3/4" = 1'-0"



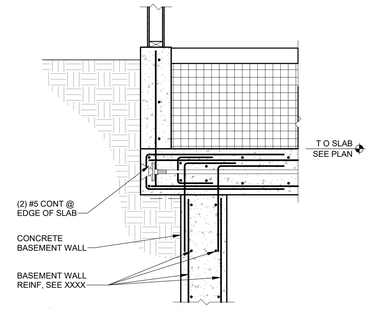
D4 FOUNDATION SECTION
3/4" = 1'-0"



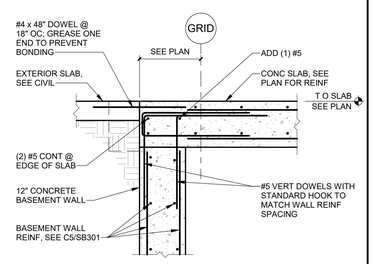
D5 BASEMENT WALL SECTION
3/4" = 1'-0"



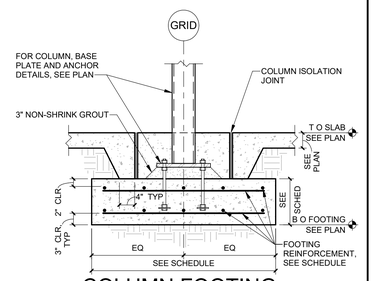
D6 BASEMENT WALL SECTION
3/4" = 1'-0"



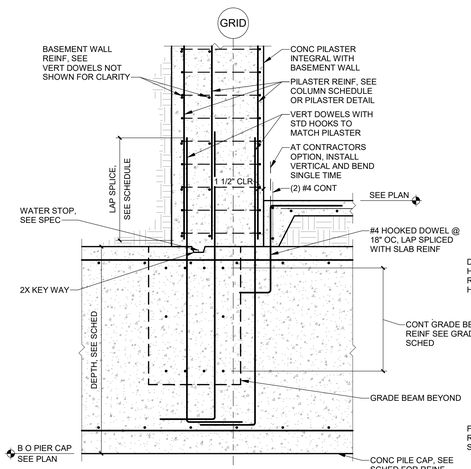
C5 FOUNDATION SECTION
3/4" = 1'-0"



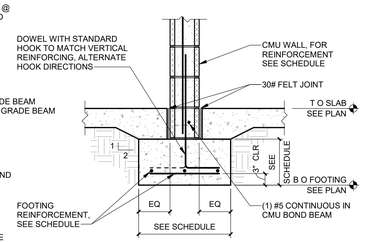
C6 FOUNDATION SECTION
3/4" = 1'-0"



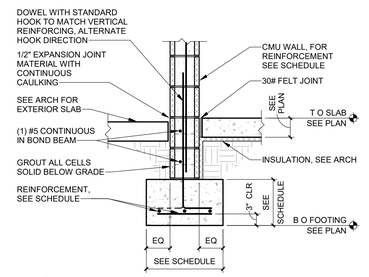
B6 COLUMN FOOTING AT INTERIOR
3/4" = 1'-0"



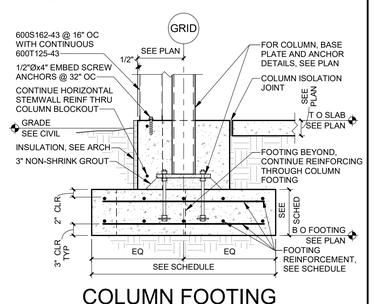
A3 BASEMENT WALL SECTION
3/4" = 1'-0"



A4 INTERIOR CMU WALL FTNG
3/4" = 1'-0"



A5 8" CMU WALL
3/4" = 1'-0"



A6 COLUMN FOOTING AT PERIMETER
3/4" = 1'-0"

DEKKER PERICH SABATINI
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SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

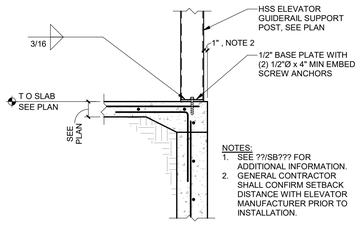
DRAWING NAME

FOUNDATION SECTIONS

SHEET NO

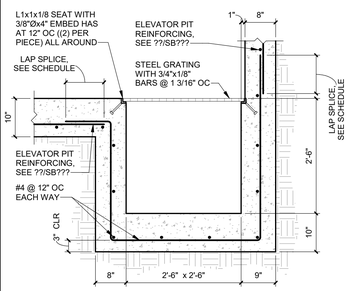
SB301

6/13/2024 4:36:01 PM

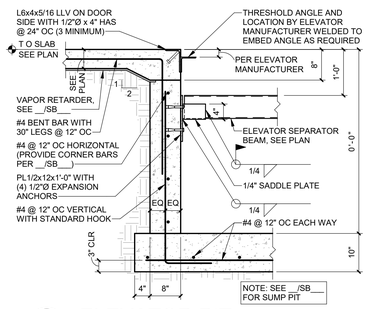


NOTES:
1. SEE ??/SB??? FOR ADDITIONAL INFORMATION.
2. GENERAL CONTRACTOR SHALL CONFIRM SETBACK DISTANCE WITH ELEVATOR MANUFACTURER PRIOR TO INSTALLATION.

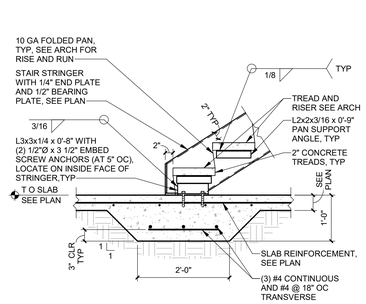
C1 GUIDE RAIL ATTACHMENT AT ELEVATOR PIT
3/4" = 1'-0"



B1 SUMP PIT SECTION
3/4" = 1'-0"



A1 ELEVATOR PIT
3/4" = 1'-0"



A2 THICKENED SLAB AT STAIR
3/4" = 1'-0"

6/13/2024 4:36:02 PM

DEKKER PERICH SABATINI

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UPTOWN CONNECT
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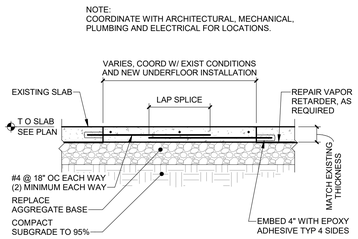
DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

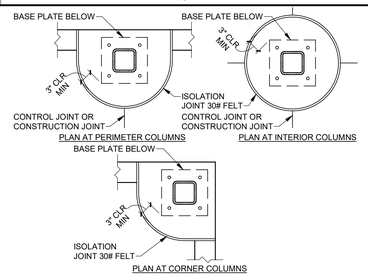
FOUNDATION SECTIONS

SHEET NO

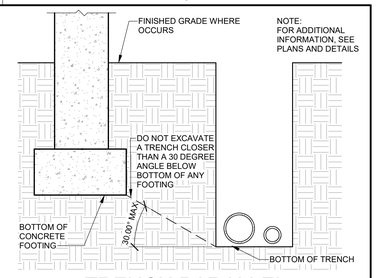
SB311



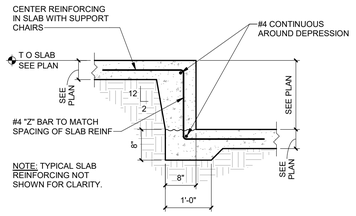
E2 TYP SLAB REPAIR DETAIL
3/4" = 1'-0"



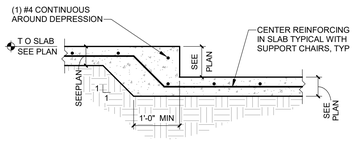
E3 TYP COLUMN ISOLATION JOINTS
3/4" = 1'-0"



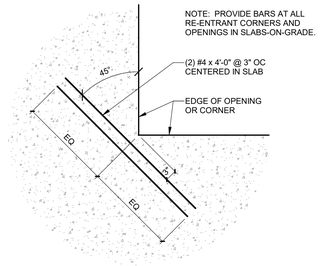
E6 TRENCH PARALLEL TO FOUNDATION
3/4" = 1'-0"



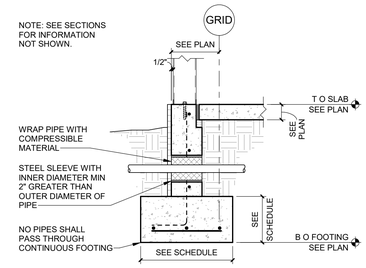
D1 TYP SLAB DEPRESSION (8 1/2" TO 24")
3/4" = 1'-0"



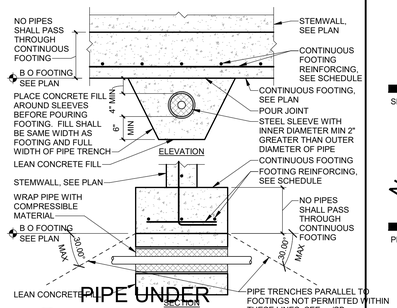
D2 TYP SLAB DEPRESSION (1" - 8")
3/4" = 1'-0"



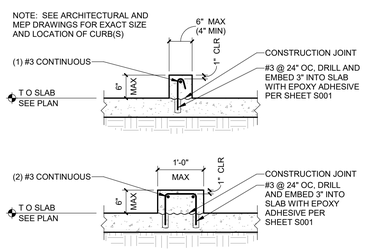
D3 TYP SLAB REINFORCING AT RE-ENTRANT CORNERS
3/4" = 1'-0"



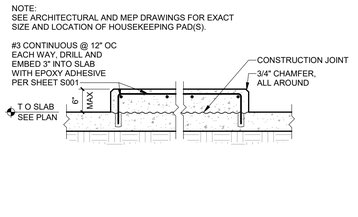
D5 PIPE THROUGH CONCRETE STEMWALL
3/4" = 1'-0"



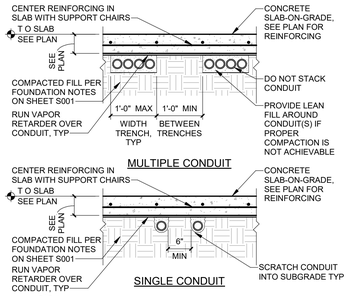
D6 PIPE UNDER CONTINUOUS FOOTING
3/4" = 1'-0"



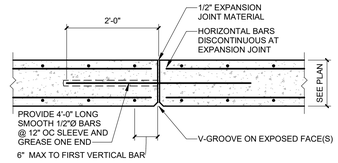
C1 TYP CURB DETAILS
3/4" = 1'-0"



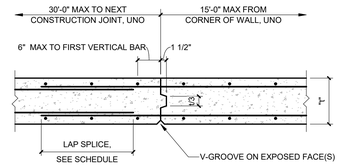
C2 TYP HOUSEKEEPING PAD
3/4" = 1'-0"



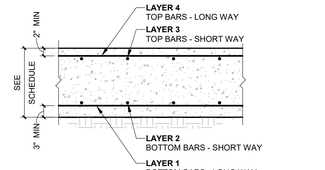
C3 TYP CONDUIT BELOW SLAB
3/4" = 1'-0"



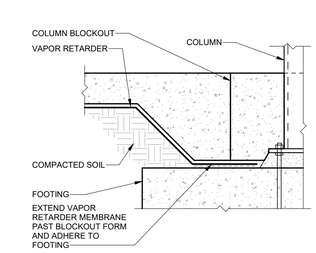
C4 SITEWALL EXPANSION JOINT
3/4" = 1'-0"



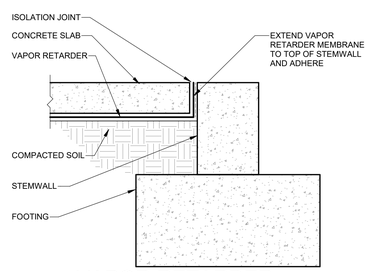
C5 VERTICAL CONSTRUCTION JOINT IN WALLS
3/4" = 1'-0"



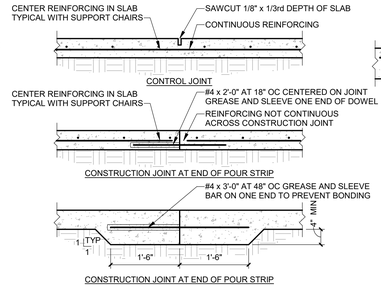
C6 TYP SPREAD/COMBINED FOOTING BAR LAYER DIAGRAM
3/4" = 1'-0"



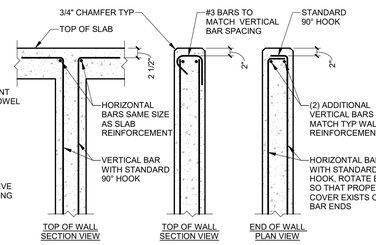
B1 VAPOR RETARDER AT BLOCKOUT
1 1/2" = 1'-0"



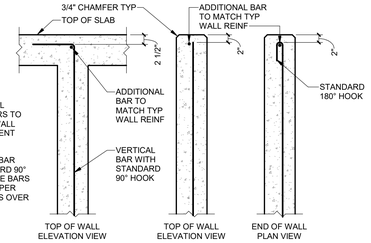
B2 VAPOR RETARDER AT STEMWALL
1 1/2" = 1'-0"



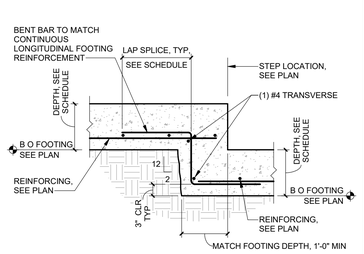
B3 TYPICAL SLAB JOINTS
3/4" = 1'-0"



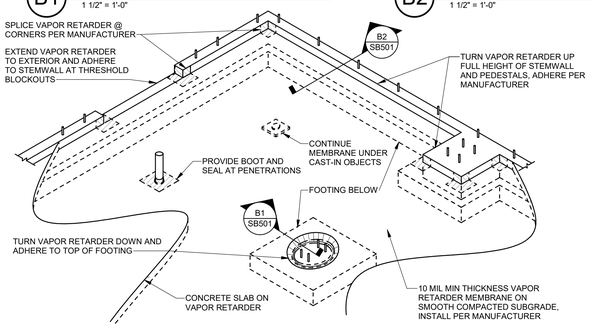
B4 TYP TOP AND END OF WALL REINFORCING - DOUBLE LAYER
3/4" = 1'-0"



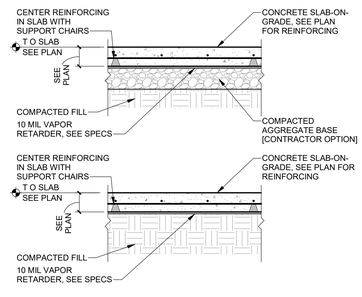
B5 TYP TOP AND END OF WALL REINFORCING - SINGLE LAYER
3/4" = 1'-0"



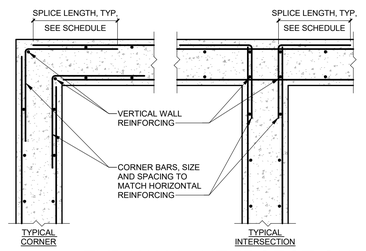
B6 STEPPED FOOTING
3/4" = 1'-0"



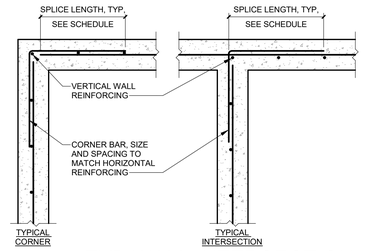
A1 VAPOR RETARDER MEMBRANE UNDER SLAB
3/16" = 1'-0"



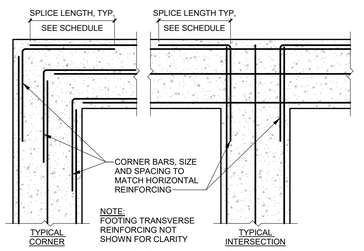
A3 TYPICAL SLAB-ON-GRADE
3/4" = 1'-0"



A4 TYP WALL INTERSECTION REINFORCING - DOUBLE LAYER
3/4" = 1'-0"



A5 TYP WALL INTERSECTION REINFORCING - SINGLE LAYER
3/4" = 1'-0"



A6 TYP CONT FOOTING INTERSECTION REINFORCING
3/4" = 1'-0"

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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

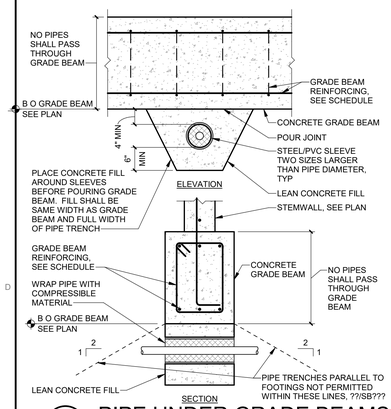
DRAWING NAME

FOUNDATION DETAILS

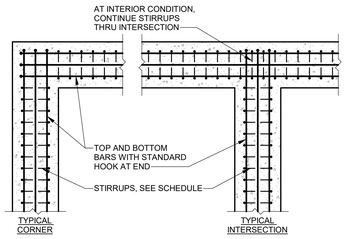
SHEET NO

SB501

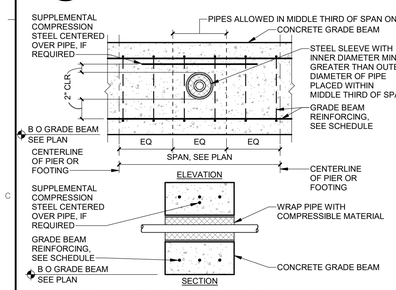
6/13/2024 4:36:05 PM



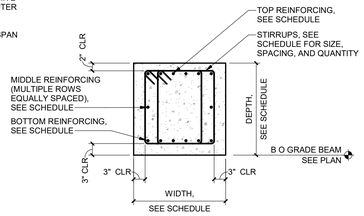
D1 PIPE UNDER GRADE BEAMS
NOT TO SCALE



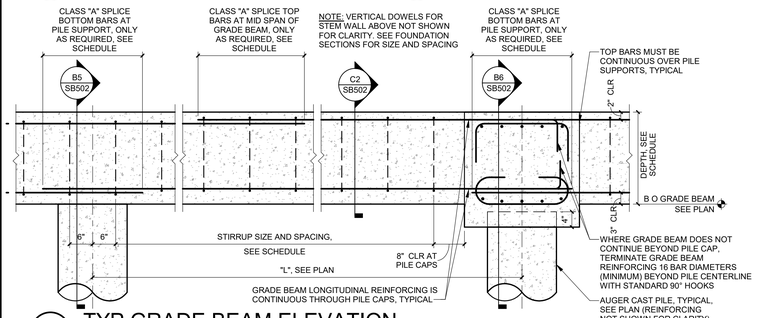
D2 TYP GRADE BEAM INTERSECTION REINF
NOT TO SCALE



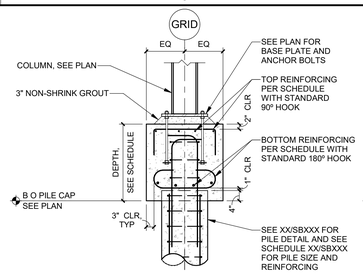
C1 PIPE THROUGH GRADE BEAM
NOT TO SCALE



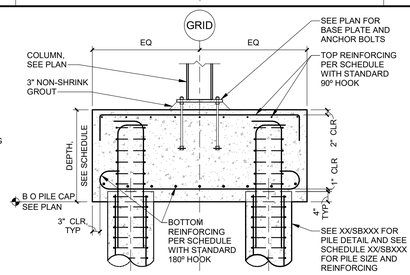
C2 TYPICAL GRADE BEAM
NOT TO SCALE



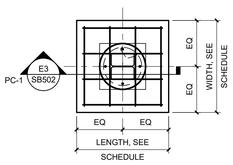
B1 TYP GRADE BEAM ELEVATION
NOT TO SCALE



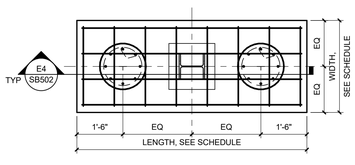
E3 PC-1 SECTION
NOT TO SCALE



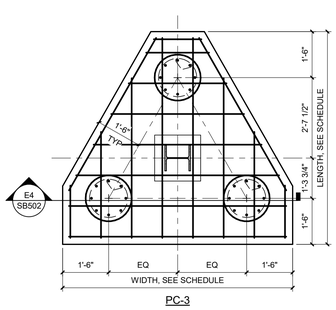
E4 PC-2, PC-3, PC-4 SECTION
NOT TO SCALE



PC-1



PC-2



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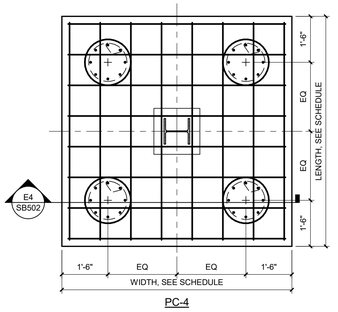

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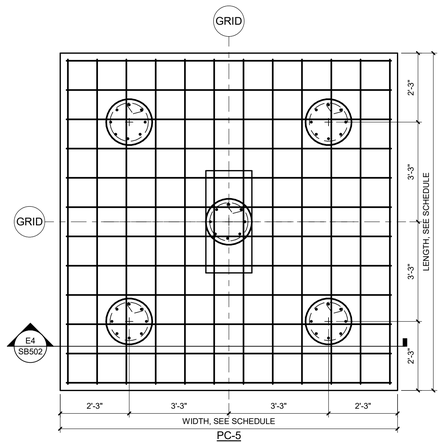


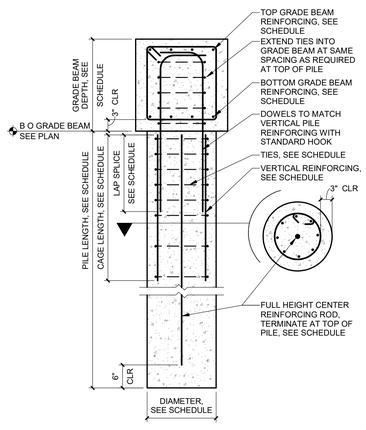
PC-5

B3 TYP PILE CAP TYPES
NOT TO SCALE

PIER CAP SCHEDULE							
TYPE	LENGTH	WIDTH	THICKNESS	BOTTOM REINFORCING		TOP REINFORCING	
				LONGITUDINAL	TRANSVERSE	LONGITUDINAL	TRANSVERSE

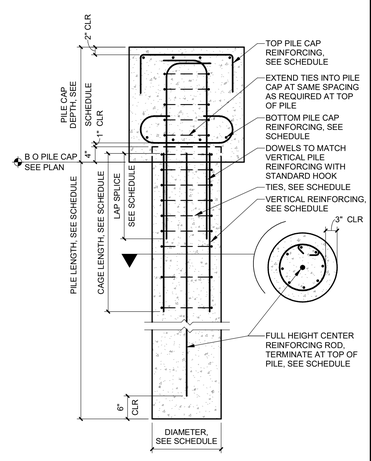
NOTES:
1. SEE ??/SB??? FOR TYPICAL PILE CAP DETAILS.
2. SEE PLAN FOR PILE CAPS WHICH REQUIRE SUPPLEMENTAL REINFORCING, AND SEE DETAILS ON SHEET SB???. SUPPLEMENTAL REINFORCING IS IN ADDITION TO THE REINFORCING REQUIRED BY THIS SCHEDULE.

A3 PILE CAP SCHEDULE
NOT TO SCALE



PILE WITH GRADE BEAM

B5 TYP AUGER CAST PILE AT GRADE BEAM
NOT TO SCALE



PILE WITH PILE CAP

B6 TYP AUGER CAST PILE AT PILE CAP
NOT TO SCALE

AUGER CAST OR DRILLED PILE SCHEDULE								
TYPE	DIAMETER	DEPTH	MINIMUM ALLOWABLE COMPRESSION	MINIMUM ALLOWABLE TENSION CAPACITY	REINFORCING			REMARKS
					VERTICAL	TIES	CENTER ROD	

NOTES:
1. SEE ??/SB??? AND ??/SB??? FOR TYPICAL AUGER CAST PILE DETAILS.
2. LENGTH IS MEASURED FROM BOTTOM OF PILE CAP, OR BOTTOM OF GRADE BEAM, SEE ??/SB???.

A5 AUGER CAST OR DRILLED PILE SCHEDULE
NOT TO SCALE

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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

FOUNDATION DETAILS

SHEET NO

SB502

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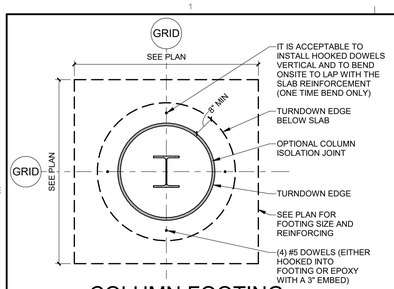
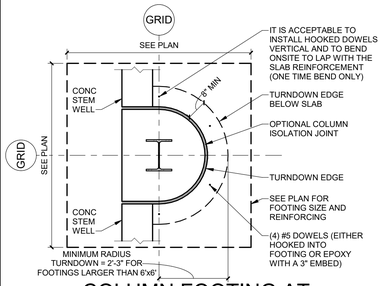
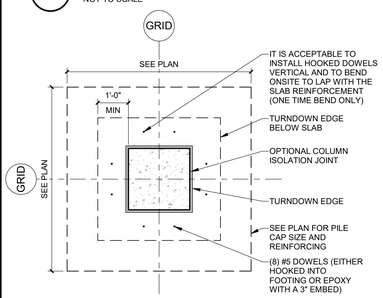


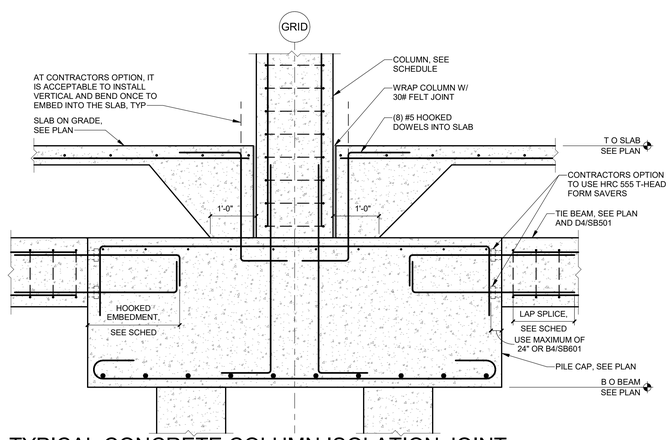
E1 COLUMN FOOTING AT INTERIOR PLAN
NOT TO SCALE



D1 COLUMN FOOTING AT EXTERIOR PLAN
NOT TO SCALE



C1 COLUMN FOOTING AT INTERIOR PLAN
NOT TO SCALE



A1 TYPICAL CONCRETE COLUMN ISOLATION JOINT
NOT TO SCALE

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UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

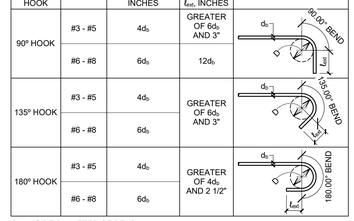
DRAWING NAME

FOUNDATION DETAILS

SHEET NO

SB503

TYPES OF STANDARD HOOK	BAR SIZE	MINIMUM INSIDE BEND DIAMETER, INCHES	STRAIGHT EXTENSION t_{ext}, INCHES	TYPE OF STANDARD HOOK
90° HOOK	#3 - #5	$4d_b$	GREATER OF $6d_b$ AND 3"	
	#6 - #8	$6d_b$	$12d_b$	
135° HOOK	#3 - #5	$4d_b$	GREATER OF $6d_b$ AND 3"	
	#6 - #8	$6d_b$		
180° HOOK	#3 - #5	$4d_b$	GREATER OF $4d_b$ AND 2 1/2"	
	#6 - #8	$6d_b$		



D = INSIDE DIAMETER OF BEND
d_b = NOMINAL DIAMETER OF BAR
NOTE: A STANDARD HOOK FOR STIRRUPS, TIES AND HOOPS INCLUDES THE SPECIFIC INSIDE BEND DIAMETER AND STRAIGHT EXTENSION LENGTH. IT SHALL BE PERMITTED TO USE A LONGER STRAIGHT EXTENSION AT THE END OF A HOOK. A LONGER EXTENSION SHALL NOT BE CONSIDERED TO INCREASE THE ANCHORAGE CAPACITY OF THE HOOK.

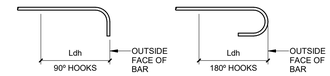
E3 STIRRUP, TIE HOOKS AND HAIRPINS
3/4" = 1'-0"

TYPES OF STANDARD HOOK	BAR SIZE	MINIMUM INSIDE BEND DIAMETER, INCHES	STRAIGHT EXTENSION t_{ext}, INCHES	TYPE OF STANDARD HOOK
90° HOOK	#3 - #8	$6d_b$	$12d_b$	POINT AT WHICH BAR IS DEVELOPED; 90.00° BEND
	#9 - #11	$8d_b$		
	#14 - #18	$10d_b$		
180° HOOK	#3 - #8	$6d_b$	GREATER OF $4d_b$ AND 2 1/2"	POINT AT WHICH BAR IS DEVELOPED; 180.00° BEND
	#9 - #11	$8d_b$		
	#14 - #18	$10d_b$		

D = INSIDE DIAMETER OF BEND
d_b = NOMINAL DIAMETER OF BAR
NOTE: A STANDARD HOOK FOR DEFORMED BARS IN TENSION INCLUDES THE SPECIFIC INSIDE BEND DIAMETER AND STRAIGHT EXTENSION LENGTH. IT SHALL BE PERMITTED TO USE A LONGER STRAIGHT EXTENSION AT THE END OF A HOOK. A LONGER EXTENSION SHALL NOT BE CONSIDERED TO INCREASE THE ANCHORAGE CAPACITY OF THE HOOK.

E4 END HOOK TYPES
3/4" = 1'-0"

DEVELOPMENT LENGTHS OF STANDARD HOOKS IN TENSION GRADE 60 REINFORCEMENT NORMAL WEIGHT CONCRETE		
BAR SIZE	F'c=3000	F'c=4000
	Ldh	Ldh
#3	8	7
#4	12	11
#5	16	15
#6	21	20
#7	27	25
#8	32	30
#9	39	36
#10	46	43
#11	54	51
#14	71	66
#18	109	102



NOTES:
1. Ldh = DEVELOPMENT LENGTH OF STANDARD HOOK (INCHES).
2. HOOKS ARE NOT CONSIDERED EFFECTIVE FOR DEVELOPING BARS IN COMPRESSION.
3. Ldh SHALL BE MULTIPLIED BY 1.2 FOR EPOXY-COATED HOOKED BARS.

E5 STD HOOK SCHEDULE
3/4" = 1'-0"

CONCRETE LAP SPLICE SCHEDULE	
BAR SIZE	SPLICE LENGTH
#3	1'-5"
#4	1'-10"
#5	2'-4"
#6	2'-9"
#7	4'-0"
#8	4'-7"
#9	5'-2"
#10	5'-10"
#11	6'-6"

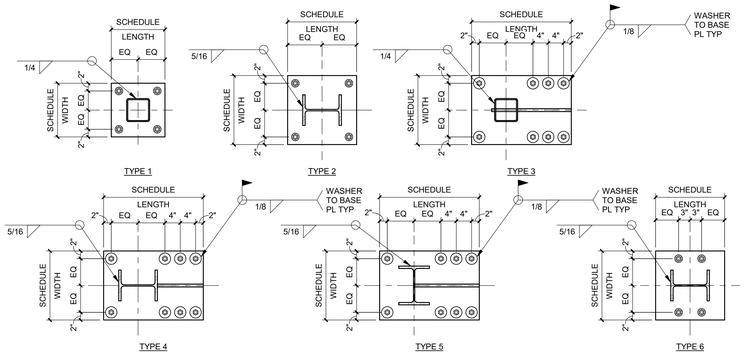
NOTES:
1. SPLICE LENGTHS ARE TYPICAL UNLESS NOTED OTHERWISE ON PLANS AND DETAILS.
2. SPLICES SHALL BE STAGGERED AT LEAST 24" AND BARS SHALL BE LAPPED ONLY WHERE INDICATED ON DRAWINGS OR AS SPECIFICALLY PERMITTED BY THE STRUCTURAL ENGINEER.
3. WELDED WIRE FABRIC SHALL LAP A MINIMUM OF 8" AT SPLICES.
4. FOR HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW THE SPLICE, LENGTHS SHALL BE 130% OF THAT SHOWN.
5. WHEN BARS OF DIFFERENT SIZE ARE LAP SPLICED, THE SPLICE LENGTH SHALL BE THE LARGER SPECIFIED SPLICE LENGTH OF THE BARS.

E6 CONCRETE LAP SPLICE SCHEDULE
3/4" = 1'-0"

GRADE BEAM SCHEDULE						
TYPE	WIDTH	THICKNESS	BOTTOM REINFORCING		TOP REINFORCING	
			LONGITUDINAL	TRANSVERSE	LONGITUDINAL	TRANSVERSE
NOT DESIGNED	3'-0"					

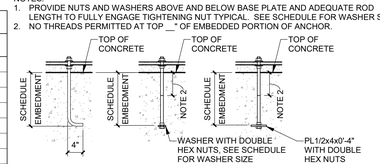
NOTES:
1. SEE ??/SB??? AND ??/SB??? FOR TYPICAL GRADE BEAM ELEVATION AND SECTION.
2. SEE ??/SB??? FOR TYPICAL REINFORCING AT GRADE BEAM INTERSECTIONS AND CORNERS.

A1 GRADE BEAM SCHEDULE
NOT TO SCALE



BASE PLATE			ANCHOR RODS		
MARK	TYPE	BASE PLATE SIZE "T"x"WIDTH"x"LENGTH"	F1554 ANCHOR RODS DIA x EMBEDMENT, GRADE	ANCHOR ROD TYPE	WASHER
A	1	3/4" x 14" x 1'-2"	3/4" x 9", GRADE 36	A	PL1/4"x2"Ø
B	1	3/4" x 14" x 1'-2"	3/4" x 9", GRADE 36	A	PL1/4"x2"Ø
C	1	3/4" x 14" x 1'-2"	1" x 9", GRADE 55	B	PL3/8"x3"Ø
D	1	3/4" x 14" x 1'-2"	1" x 9", GRADE 55	B	PL3/8"x3"Ø
E	1	3/4" x 14" x 1'-2"	1" x 9", GRADE 55	B	PL3/8"x3"Ø
F	1	3/4" x 14" x 1'-2"	1 1/4" x 9", GRADE 55	B	PL1/2"x3 1/2"Ø
G	1	3/4" x 14" x 1'-2"	1 1/4" x 9", GRADE 55	B	PL1/2"x3 1/2"Ø
H	1	3/4" x 14" x 1'-2"	1 1/4" x 9", GRADE 55	B	PL1/2"x3 1/2"Ø

NOTES:
1. PROVIDE NUTS AND WASHERS ABOVE AND BELOW BASE PLATE AND ADEQUATE ROD LENGTH TO FULLY ENGAGE TIGHTENING NUT TYPICAL. SEE SCHEDULE FOR WASHER SIZE.
2. NO THREADS PERMITTED AT TOP __" OF EMBEDDED PORTION OF ANCHOR.



A3 BASE PLATE SCHEDULE AND ANCHORAGE TYPES
3/4" = 1'-0"

SPREAD FOOTING SCHEDULE						
TYPE	WIDTH	THICKNESS	BOTTOM REINFORCING		TOP REINFORCING	
			LONGITUDINAL	TRANSVERSE	LONGITUDINAL	TRANSVERSE
F100	10'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?
F8040	4'-0"	1'-6"	(8) #?	(8) #?	-	-
F210100	10'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?
F210210	21'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?
F250100	10'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?
F250200	20'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?
F260260	26'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?
F400100	10'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?
F400300	30'-0"	2'-0"	(10) #?	(10) #?	(10) #?	(10) #?

CONTINUOUS FOOTING SCHEDULE						
TYPE	WIDTH	THICKNESS	BOTTOM REINFORCING		TOP REINFORCING	
			LONGITUDINAL	TRANSVERSE	LONGITUDINAL	TRANSVERSE
Not Designed	6'-0"	1'-0"				

NOTES:
1. SEE _/_____ FOR BAR LAYER DIAGRAM.
2. SEE SHEET_____ FOR SUPPLEMENTAL REINFORCING DIAGRAMS. SUPPLEMENTAL REINFORCING IS IN ADDITION TO THE REINFORCING REQUIRED ABOVE.

A5 SPREAD AND CONTINUOUS FOOTING SCHEDULES
3/4" = 1'-0"

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UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

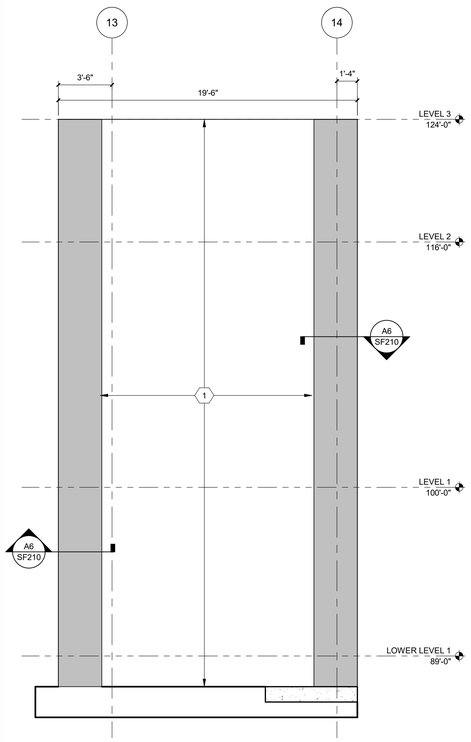
REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

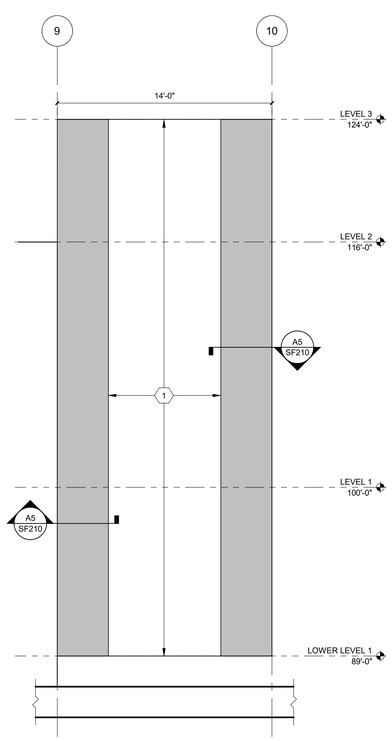
DRAWING NAME
FOUNDATION SCHEDULES

SHEET NO
SB601

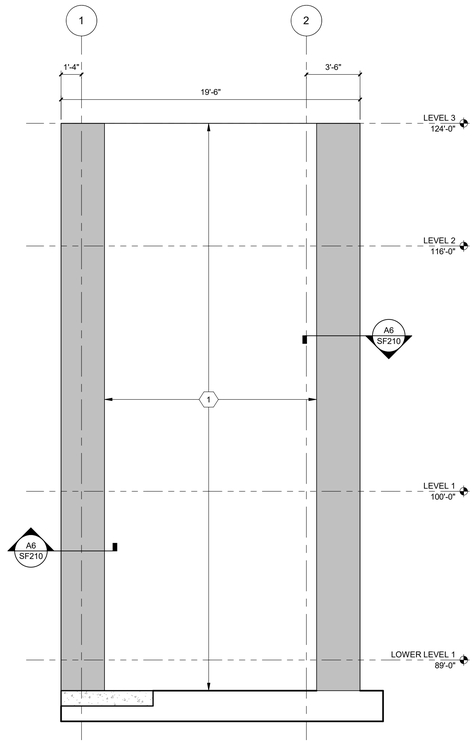
6/13/2024 4:36:11 PM



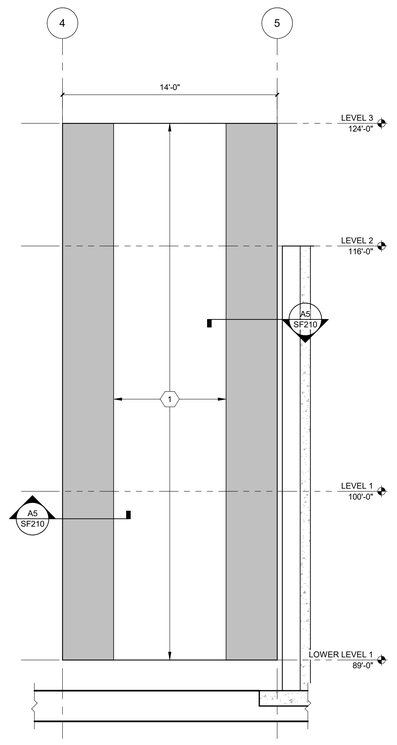
C1 SHEAR WALL ELEVATION ON GRID W
1/4" = 1'-0"



C2 SHEAR WALL ELEVATION ON GRID U
1/4" = 1'-0"



C3 SHEAR WALL ELEVATION ON GRID W
1/4" = 1'-0"



C5 SHEAR WALL ELEVATION ON GRID U
1/4" = 1'-0"

GENERAL SHEET NOTES

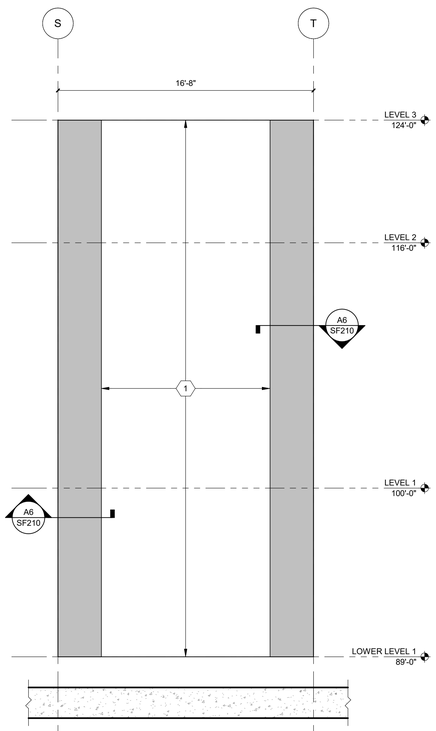
A. SEE SFXXX FOR ADDITIONAL SHEARWALL REQUIREMENTS
B. UNLESS SHOWN SPECIFICALLY ON SHEAR WALL ELEVATIONS, NO PENETRATIONS OR OPENINGS ARE PERMITTED.

SHEET KEYNOTES

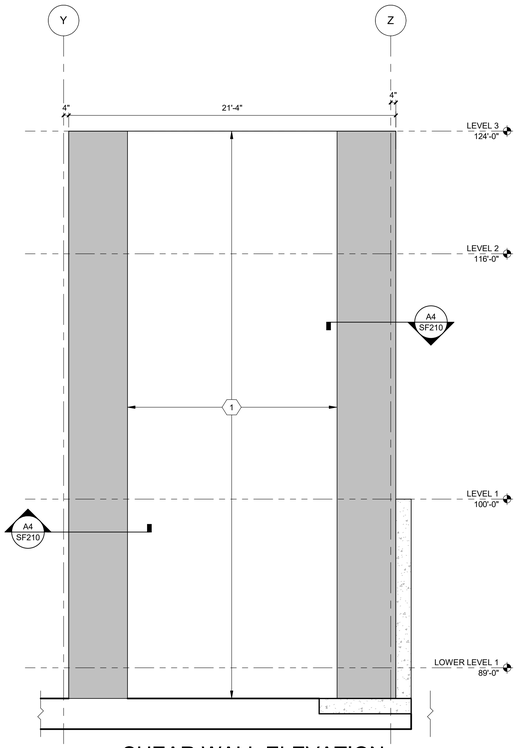
1. #8 @ 12" OC EACH WAY, EACH FACE.

SHEAR WALL LEGEND

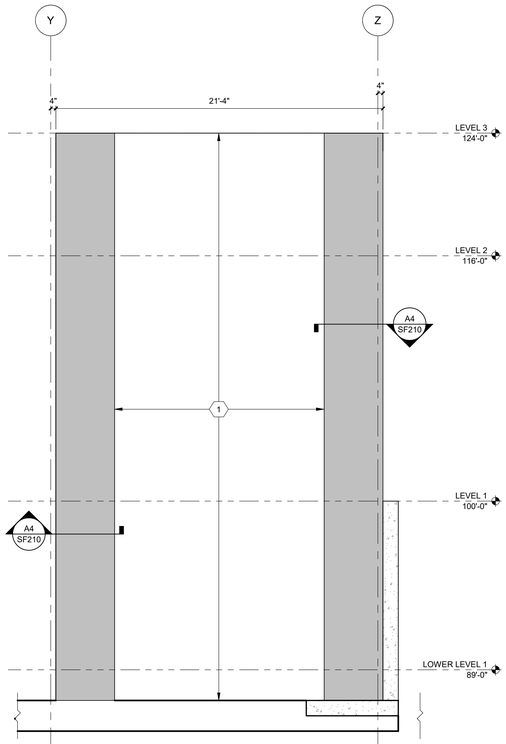
SPECIAL BOUNDARY ZONE



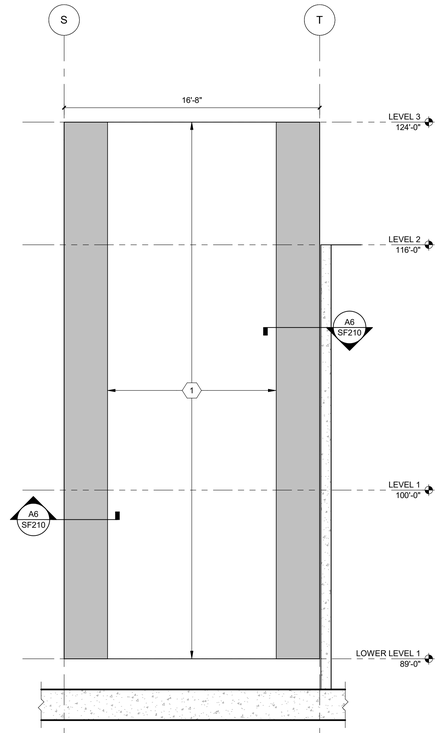
A1 SHEAR WALL ELEVATION ON GRID 9
1/4" = 1'-0"



A2 SHEAR WALL ELEVATION ON GRID 6
1/4" = 1'-0"



A3 SHEAR WALL ELEVATION ON GRID 4
1/4" = 1'-0"



A5 SHEAR WALL ELEVATION ON GRID 5
1/4" = 1'-0"

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS	
DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/7/2024
PROJECT NO	20-0010

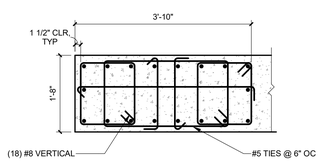
DRAWING NAME

SHEAR WALL ELEVATIONS

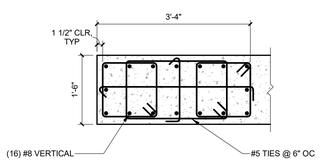
SHEET NO

SF201

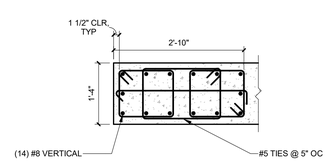
6/13/2024 4:37:07 PM



A4 SHEAR WALL SPECIAL BOUNDARY ELEMENT
3/4" = 1'-0"



A5 SHEAR WALL SPECIAL BOUNDARY ELEMENT
3/4" = 1'-0"



A6 SHEAR WALL SPECIAL BOUNDARY ELEMENT
3/4" = 1'-0"

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CONCRETE SHEAR WALL BOUNDARY ZONE PLAN DETAILS

SHEET NO

SF210

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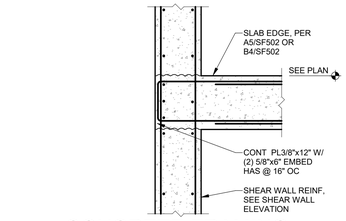
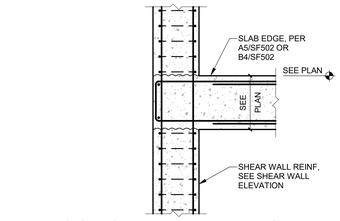
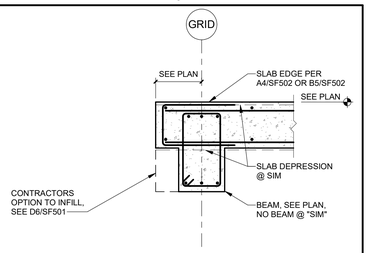


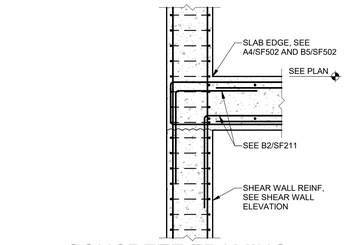
E4 CONCRETE FRAMING SECTION
3/4" = 1'-0"



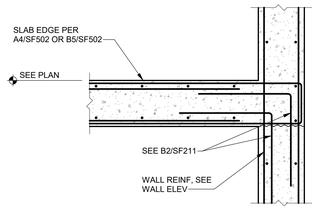
E5 CONCRETE FRAMING SECTION
3/4" = 1'-0"



E6 CONCRETE FRAMING SECTION
3/4" = 1'-0"



D4 CONCRETE FRAMING SECTION
3/4" = 1'-0"



D6 CONCRETE FRAMING SECTION
3/4" = 1'-0"

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6501 INDIAN SCHOOL NE
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OWNER REVIEW

REVISIONS

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DATE	6/14/2024
PROJECT NO	20-0010

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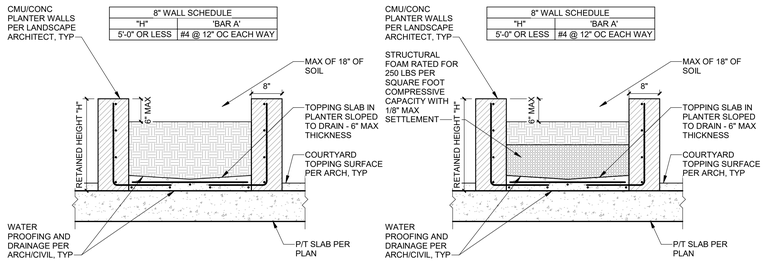
CONCRETE FRAMING SECTIONS

SHEET NO

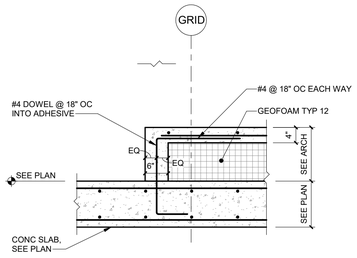
SF301

6/13/2024 4:37:08 PM

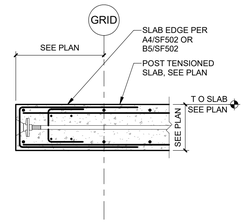


E4 PLANTER TO PODIUM SLAB DETAIL FULL SOIL
3/4" = 1'-0"

E5 TYPICAL PLANTER TO PODIUM SLAB DETAIL
3/4" = 1'-0"



D4 SECTION
3/4" = 1'-0"



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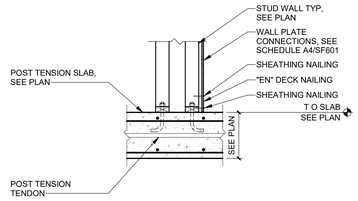
3/4" = 1'-0"



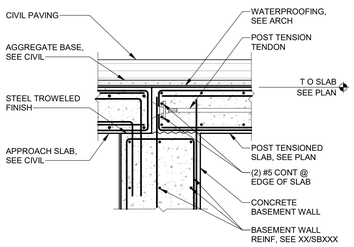
D6 FRAMING SECTION
3/4" = 1'-0"

C3 FRAMING SECTION
3/4" = 1'-0"

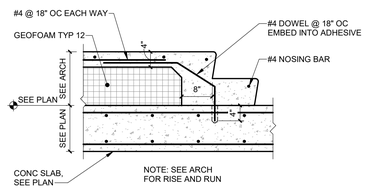
C4 SECTION
3/4" = 1'-0"

C5 FRAMING SECTION
3/4" = 1'-0"

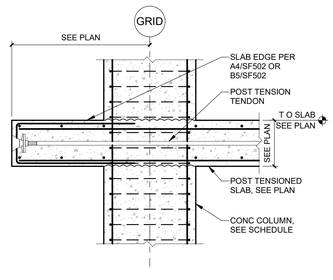
C6 FRAMING SECTION
3/4" = 1'-0"



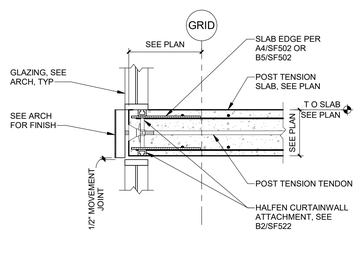
B3 FRAMING SECTION
3/4" = 1'-0"



B4 SECTION
3/4" = 1'-0"



B5 FRAMING SECTION
3/4" = 1'-0"



B6 FRAMING SECTION
3/4" = 1'-0"

A2 CONCRETE FRAMING SECTION
3/4" = 1'-0"

A5 FRAMING SECTION
3/4" = 1'-0"

A6 FRAMING SECTION
3/4" = 1'-0"

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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

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REVIEWED BY	CM, BB
DATE	6/14/2024
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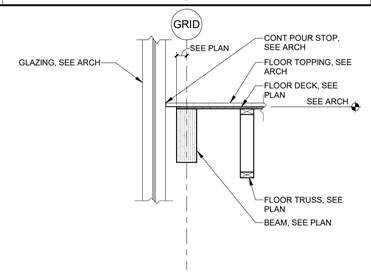
DRAWING NAME

POST TENSION FRAMING SECTIONS

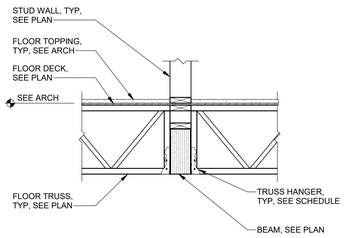
SHEET NO

SF311

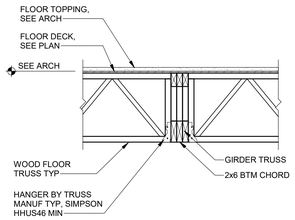
6/13/2024 4:37:10 PM



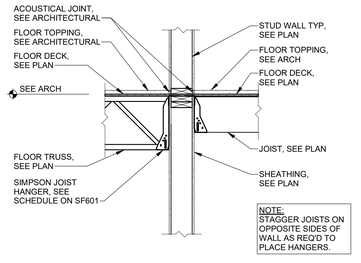
E5 FRAMING SECTION
3/4" = 1'-0"



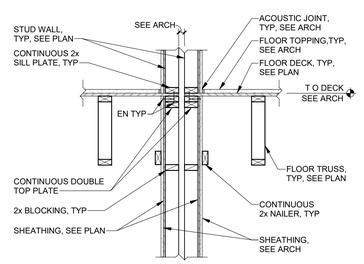
C3 FRAMING SECTION
3/4" = 1'-0"



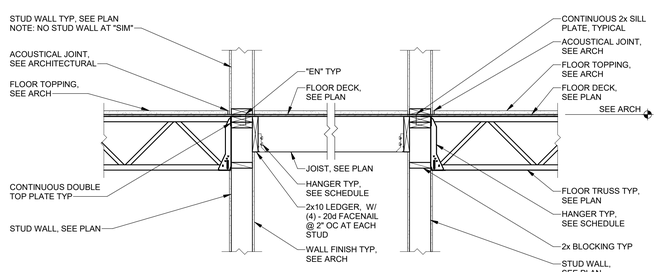
C4 FRAMING SECTION
3/4" = 1'-0"



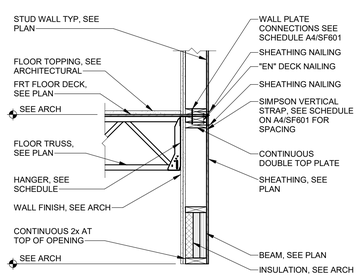
C5 FRAMING SECTION
3/4" = 1'-0"



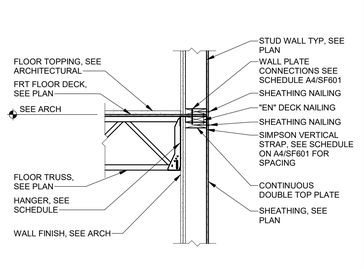
C6 FRAMING SECTION
3/4" = 1'-0"



A3 FRAMING SECTION
3/4" = 1'-0"



A5 FRAMING SECTION
3/4" = 1'-0"



A6 FRAMING SECTION
3/4" = 1'-0"

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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

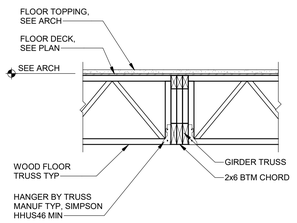
DRAWING NAME

WOOD FLOOR FRAMING SECTIONS TYPE III CONSTRUCTION

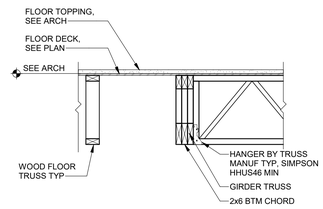
SHEET NO

SF321

6/13/2024 4:37:11 PM



D4 FRAMING SECTION
3/4" = 1'-0"



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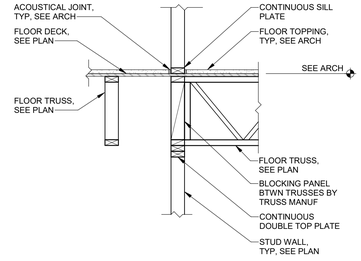
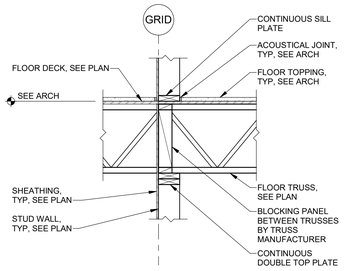
3/4" = 1'-0"



D6 FRAMING SECTION
3/4" = 1'-0"



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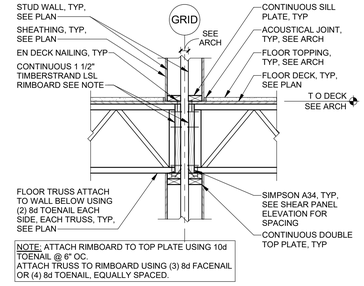
3/4" = 1'-0"



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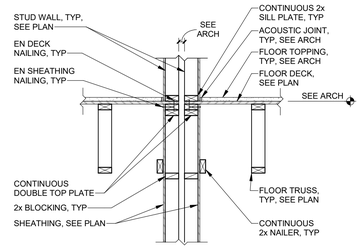
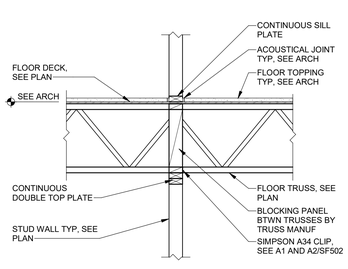
3/4" = 1'-0"



C6 FRAMING SECTION
3/4" = 1'-0"



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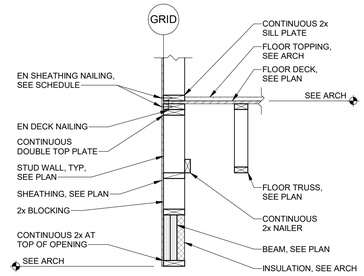
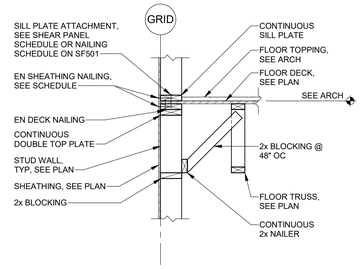
3/4" = 1'-0"



B5 FRAMING SECTION
3/4" = 1'-0"



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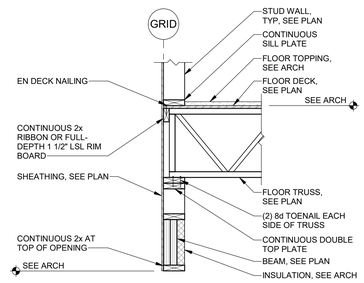
3/4" = 1'-0"



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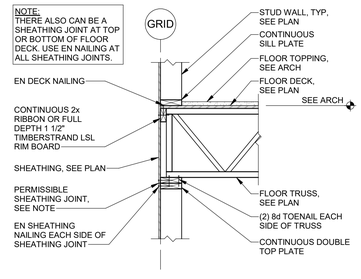
3/4" = 1'-0"



A6 FRAMING SECTION
3/4" = 1'-0"

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

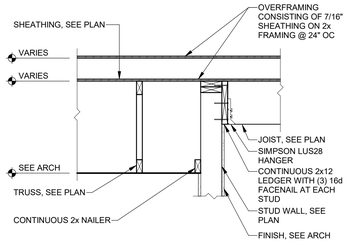
DRAWING NAME

WOOD FLOOR FRAMING SECTIONS TYPE V CONSTRUCTION

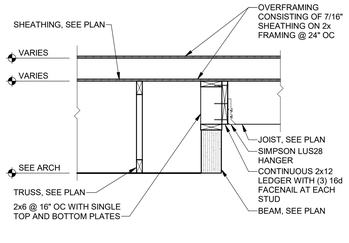
SHEET NO

SF331

6/13/2024 4:37:12 PM



C1 FRAMING SECTION
3/4" = 1'-0"



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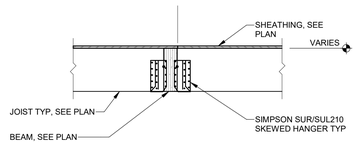
3/4" = 1'-0"



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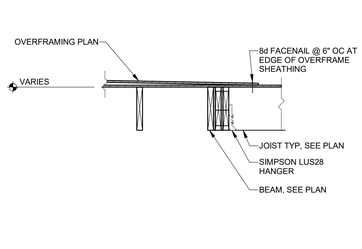
3/4" = 1'-0"



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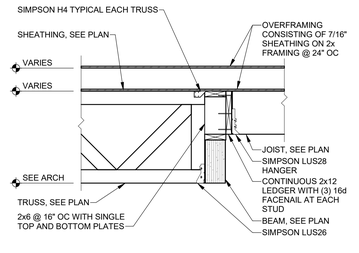
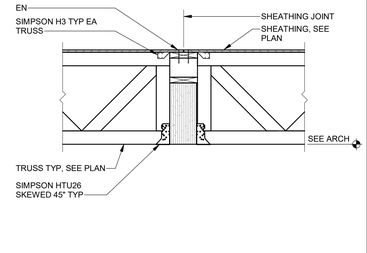
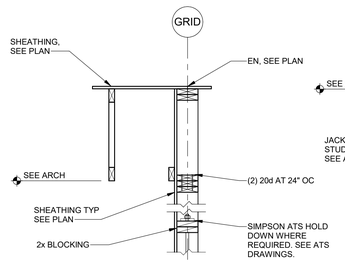
3/4" = 1'-0"

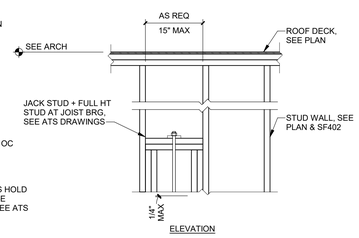


C5 FRAMING SECTION
3/4" = 1'-0"

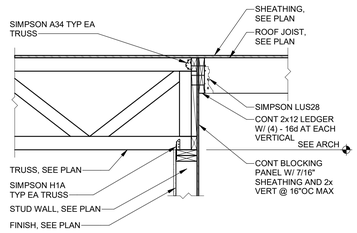


C6 FRAMING SECTION
3/4" = 1'-0"





B1 FRAMING SECTION
3/4" = 1'-0"



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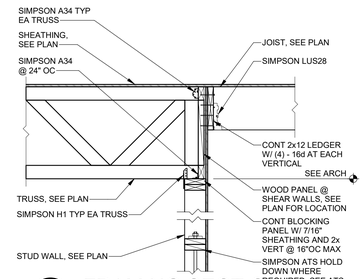
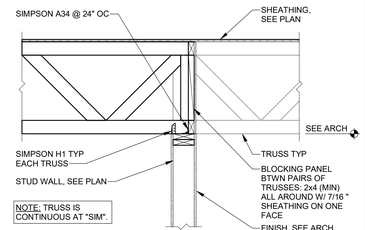
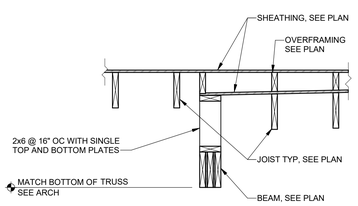


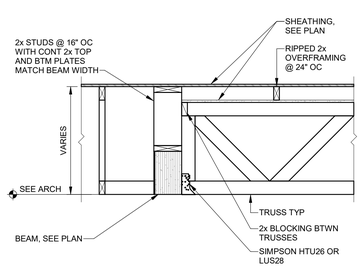
B5 FRAMING SECTION
3/4" = 1'-0"



B6 FRAMING SECTION
3/4" = 1'-0"



A3 FRAMING SECTION
3/4" = 1'-0"



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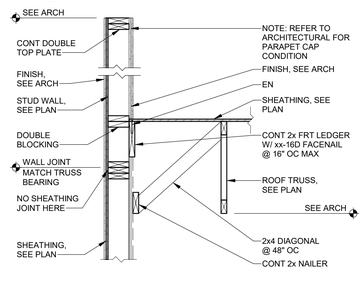
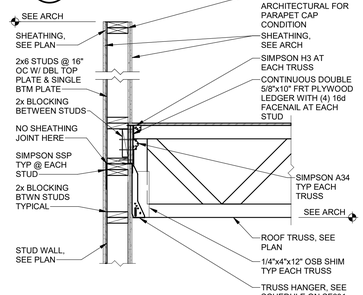
3/4" = 1'-0"



A5 FRAMING SECTION
3/4" = 1'-0"



A6 FRAMING SECTION
3/4" = 1'-0"

6/13/2024 4:37:13 PM

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PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

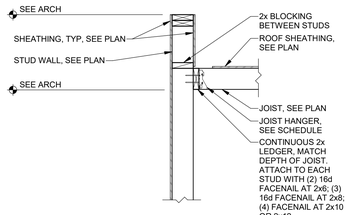
DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

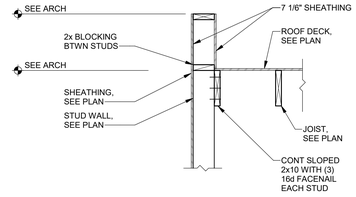
WOOD ROOF FRAMING SECTIONS TYPE III CONSTRUCTION

SHEET NO

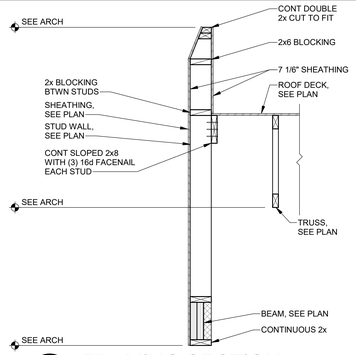
SF341



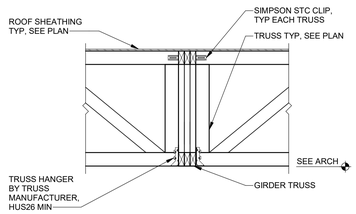
E4 FRAMING SECTION
3/4" = 1'-0"



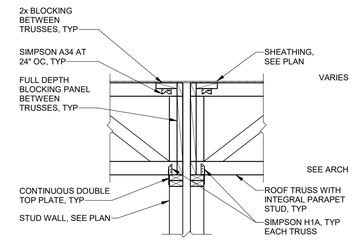
E5 FRAMING SECTION
3/4" = 1'-0"



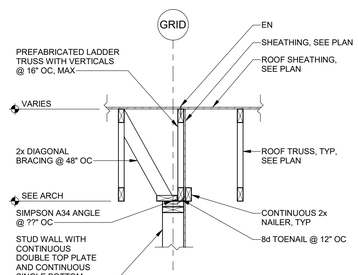
E6 FRAMING SECTION
3/4" = 1'-0"



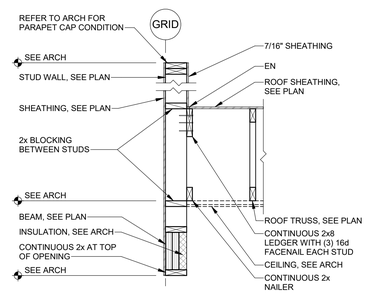
C4 FRAMING SECTION
3/4" = 1'-0"



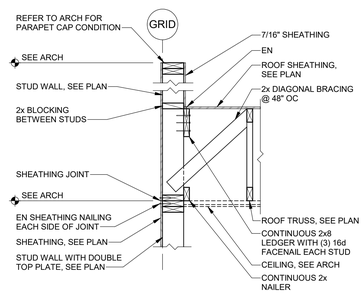
C5 FRAMING SECTION
3/4" = 1'-0"



C6 FRAMING SECTION
3/4" = 1'-0"



B5 FRAMING SECTION
3/4" = 1'-0"



B6 FRAMING SECTION
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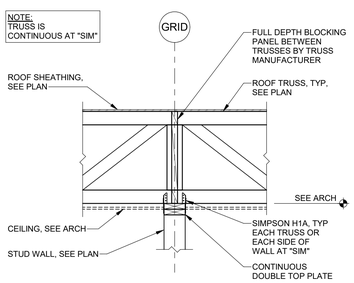

A3 FRAMING SECTION
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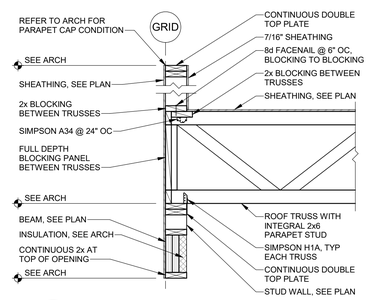

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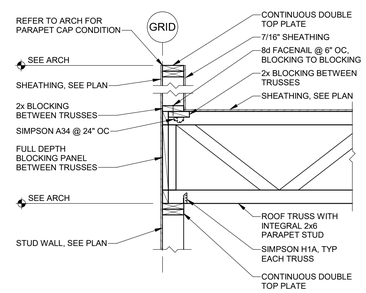
3/4" = 1'-0"



A6 FRAMING SECTION
3/4" = 1'-0"

DEKKER PERICH SABATINI

Architecture in Progress

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

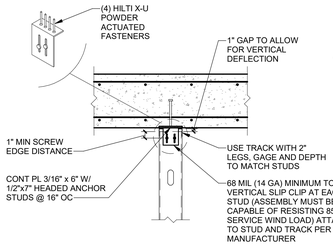
DRAWING NAME

ROOF FRAMING SECTIONS TYPE V CONSTRUCTION

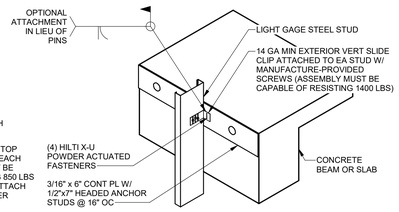
SHEET NO

SF351

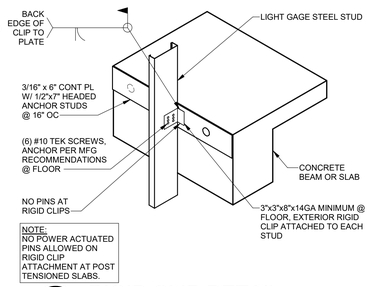
6/13/2024 4:37:14 PM



C1 TYP TOP SLIDE CLIP DETAIL
NOT TO SCALE

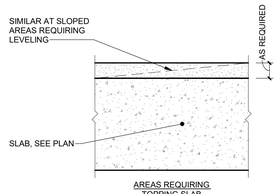


C2 SLIDE CLIP DETAIL
3/4" = 1'-0"

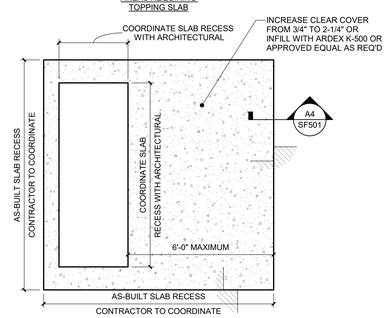


NOTE:
NO POWER ACTUATED PINS ALLOWED ON RIGID CLIP ATTACHMENT AT POST TENSIONED SLABS.

C3 RIGID CLIP DETAIL
3/4" = 1'-0"

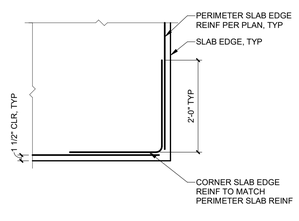


AREAS REQUIRING TOPPING SLAB

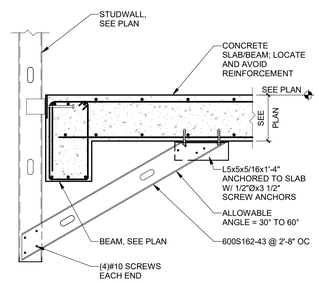


AREAS WHERE RECESS IS BUILT LARGER THAN REQUIRED

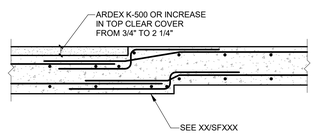
B4 SLAB RECESS INFILL PLAN AS REQ'D
3/4" = 1'-0"



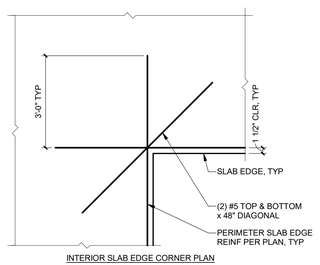
EXTERIOR SLAB EDGE CORNER PLAN



B6 TYPICAL KICKER DETAIL
3/4" = 1'-0"

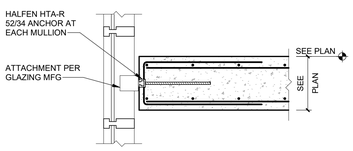


A4 SLAB RECESS INFILL SECTION
3/4" = 1'-0"



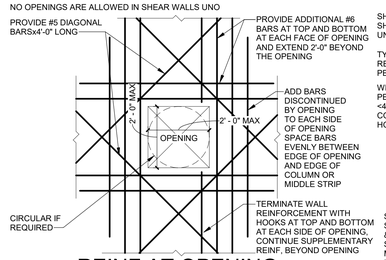
INTERIOR SLAB EDGE CORNER PLAN

A5 TYPICAL REINFORCING AT SLAB EDGE CORNERS
3/4" = 1'-0"

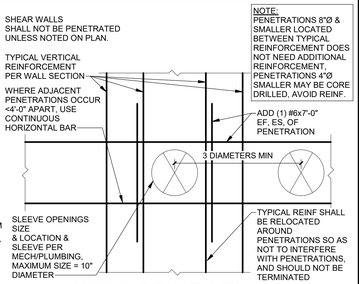


A6 TYPICAL CURTAINWALL CONNECTION AT MILD REINFORCED SLABS
3/4" = 1'-0"

NO OPENINGS ARE ALLOWED IN SHEAR WALLS UNO



E5 REINF AT OPENING IN BASEMENT CONCRETE WALL
3/4" = 1'-0"



E6 WALL REINF AT PIPE PENETRATIONS
3/4" = 1'-0"

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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

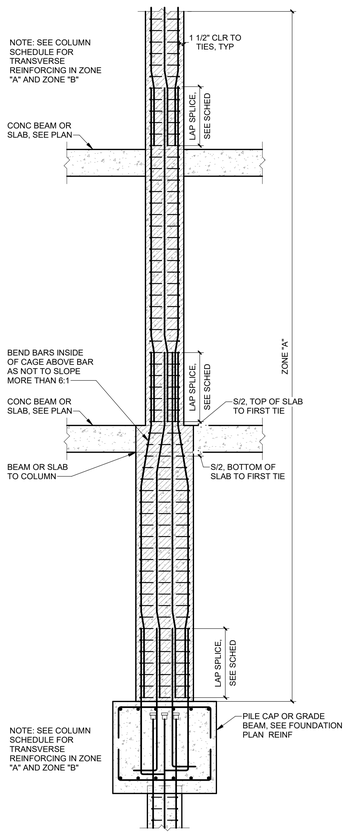
REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME
CONCRETE FRAMING DETAILS

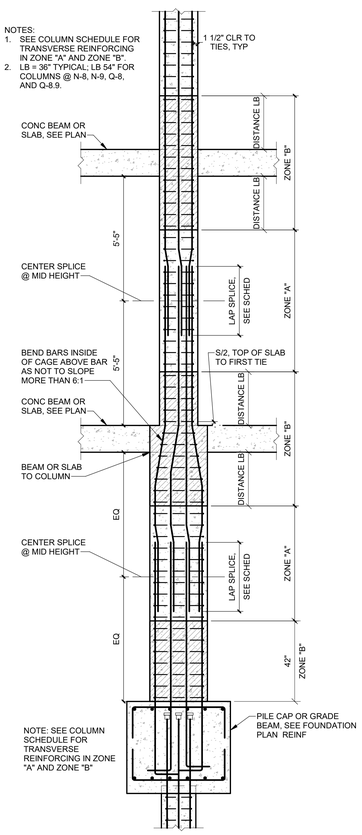
SHEET NO
SF501

6/13/2024 4:37:15 PM



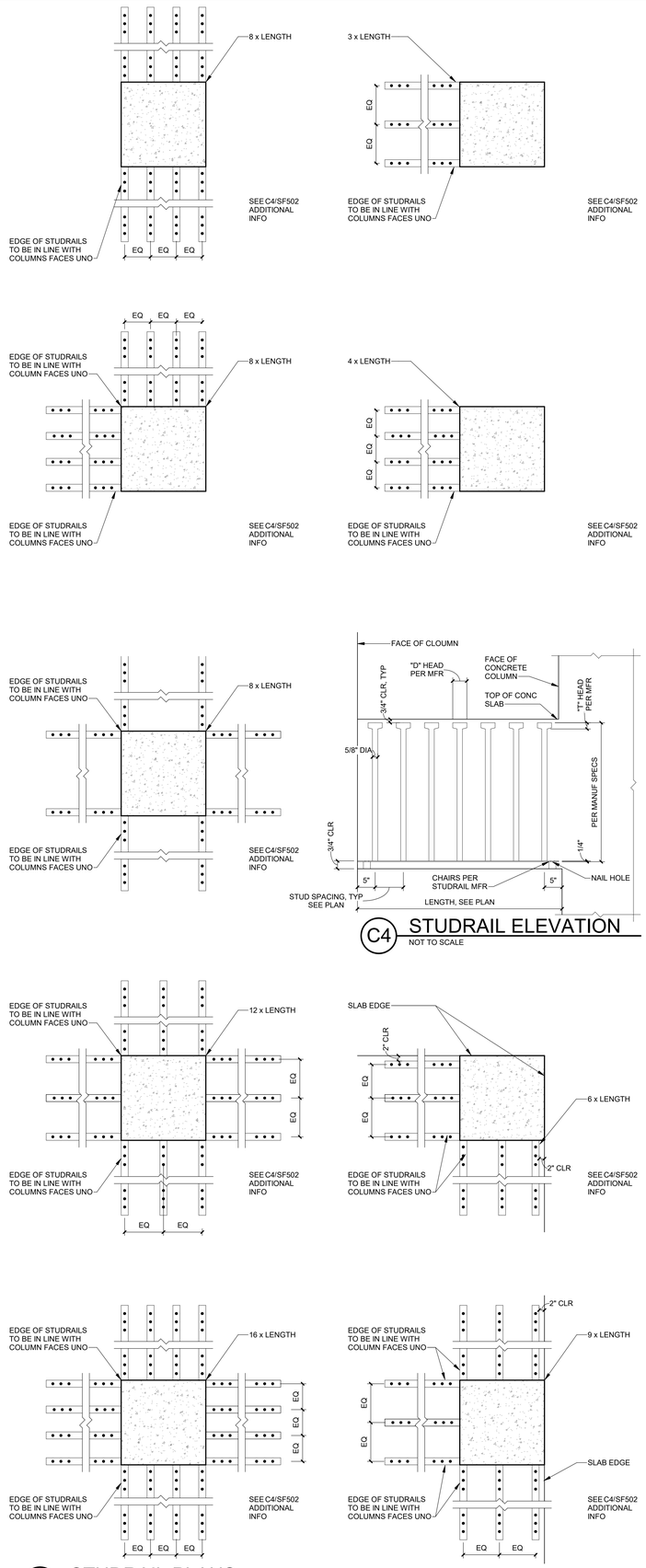
TYPICAL CONCRETE COLUMN REINFORCING DIAGRAM

A1 NOT TO SCALE



TYPICAL CONCRETE COLUMN REINFORCING DIAGRAM TYPE "EQ"

A2 NOT TO SCALE

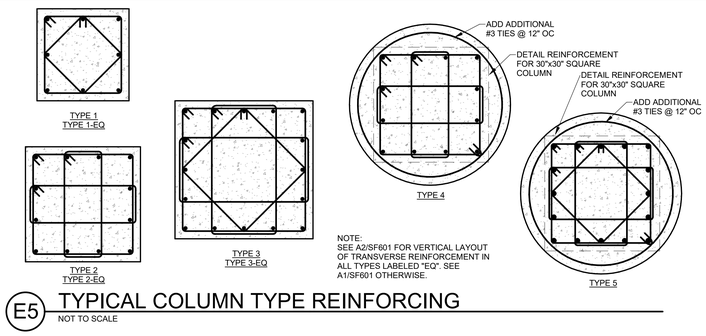


STUDRAIL PLANS

A3 NOT TO SCALE

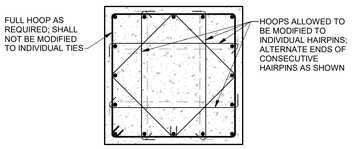
STUDRAIL ELEVATION

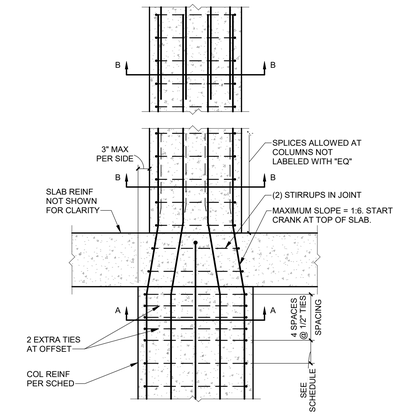
C4 NOT TO SCALE



TYPICAL COLUMN TYPE REINFORCING

E5 NOT TO SCALE



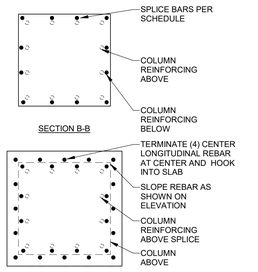


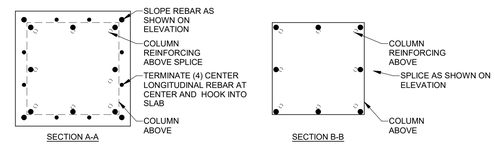
TYPICAL COLUMN REINFORCEMENT TRANSITION. 16 VERTICAL TO 12 VERTICAL

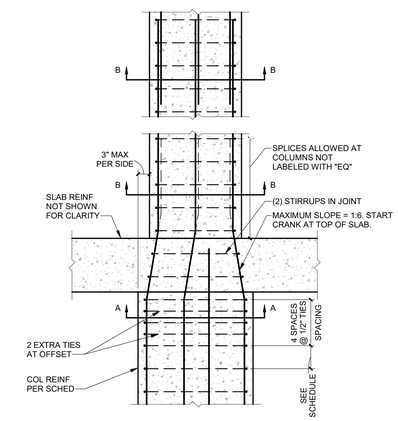
C5 NOT TO SCALE

OPTIONAL TIE PATTERN

D6 NOT TO SCALE

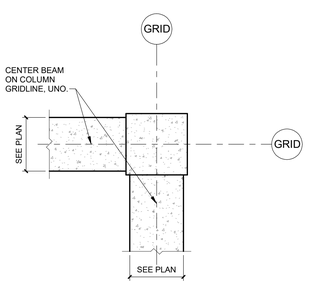






TYPICAL COLUMN SIZE TRANSITION 12 BAR MAX 3" REDUCTION PER SIDE

A5 NOT TO SCALE



COLUMN TO BEAM DETAIL

A6 NOT TO SCALE

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REVIEWED BY	CM, BB
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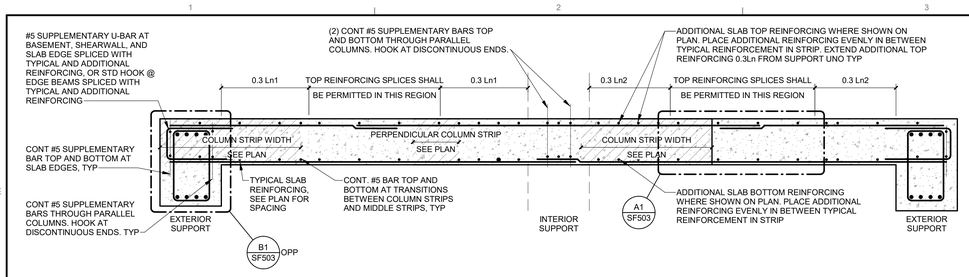
DRAWING NAME

FRAMING DETAILS

SHEET NO

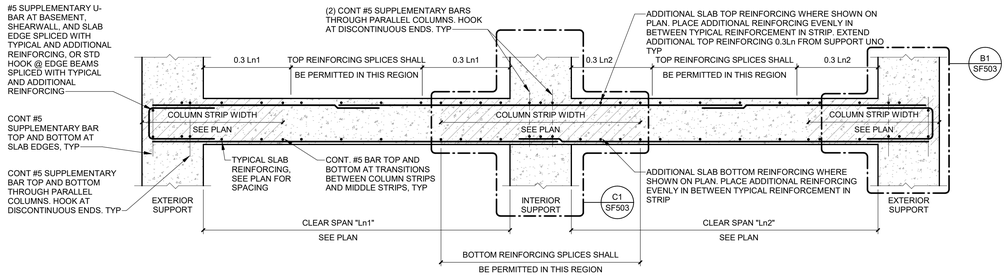
SF502

6/13/2024 4:37:17 PM



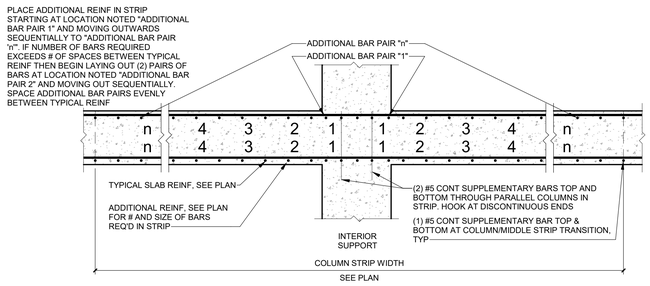
E1 SLAB REINFORCEMENT AT MIDDLE STRIP

NOT TO SCALE



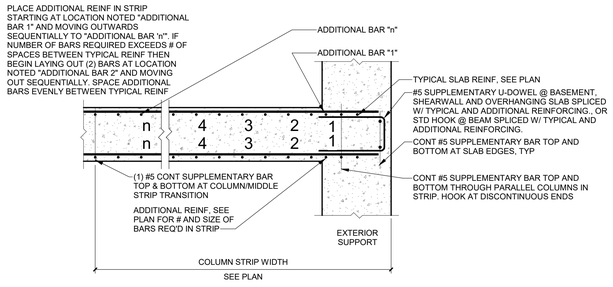
D1 SLAB REINFORCEMENT AT COLUMN STRIP

NOT TO SCALE



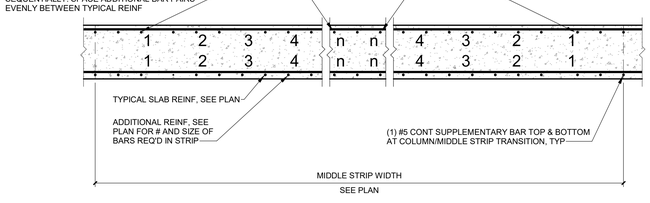
C1 SLAB REINFORCEMENT LAYOUT @ INTERIOR

NOT TO SCALE



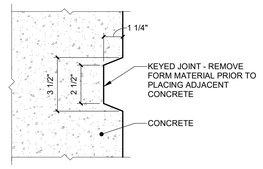
B1 SLAB REINFORCEMENT LAYOUT @ EXTERIOR

NOT TO SCALE



A1 SLAB REINFORCEMENT LAYOUT @ MIDDLE STRIP

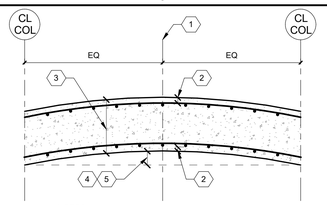
NOT TO SCALE



NOTE:
ALL DIMENSIONS SHOWN IN THIS DETAIL ARE +/- 1/2"

E4 TYPICAL KEY IN CONCRETE

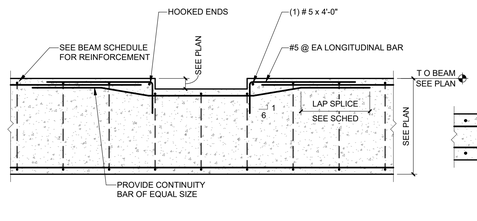
3" = 1'-0"



NOTES:
1. CAMBER IS DENOTED IN EITHER THE CENTER OF A BAY OR THE MID POINT BETWEEN COLUMNS
2. CLEAR COVER MUST BE MAINTAINED.
3. THICKNESS MUST BE MAINTAINED.
4. SEE PLAN FOR CAMBER REQUIREMENT.
5. CONTRACTOR SHALL MONITOR SLAB/BEAM CAMBER, AND PROVIDE SURVEY FOR INITIAL AND POST READINGS.

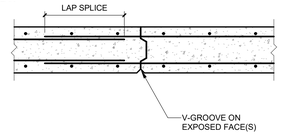
E6 SLAB/BEAM CAMBER

3/4" = 1'-0"



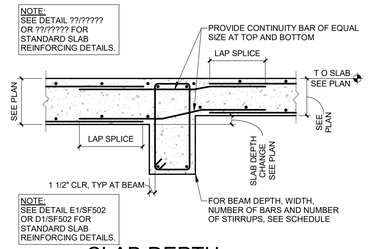
D4 REINFORCEMENT AT BEAM DEPRESSION

3/4" = 1'-0"



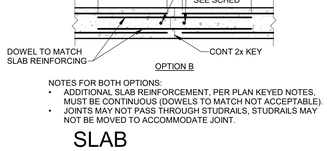
D5 VERTICAL CONSTRUCTION JOINT

3/4" = 1'-0"



D6 SLAB DEPTH CHANGE AT BEAM

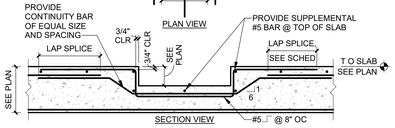
3/4" = 1'-0"



NOTES FOR BOTH OPTIONS:
- ADDITIONAL SLAB REINFORCEMENT, PER PLAN KEYED NOTES, MUST BE CONTINUOUS (DOWELS TO MATCH NOT ACCEPTABLE).
- JOINTS MAY NOT PASS THROUGH STUDRAILS, STUDRAILS MAY NOT BE MOVED TO ACCOMMODATE JOINT.

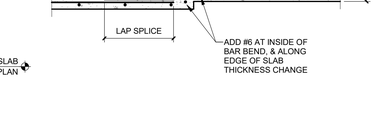
C4 SLAB CONSTRUCTION JOINT

3/4" = 1'-0"



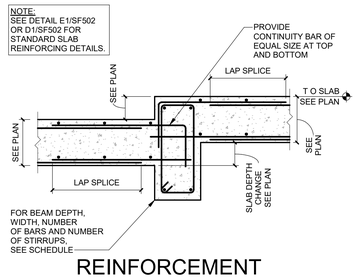
C5 REINFORCEMENT AT SLAB DEPRESSION

3/4" = 1'-0"



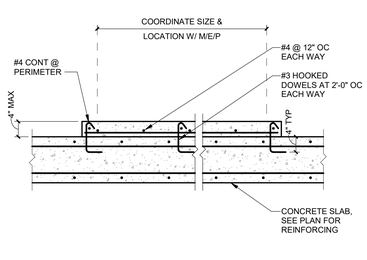
C6 TYPICAL SLAB THICKNESS CHANGE

3/4" = 1'-0"



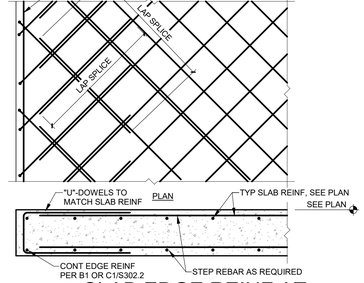
B3 REINFORCEMENT AT SLAB STEP

3/4" = 1'-0"



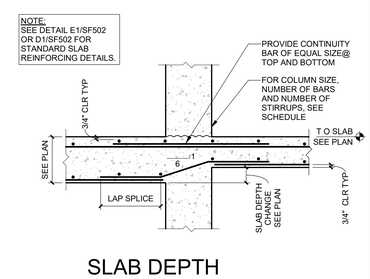
B4 HOUSE KEEPING SLAB

3/4" = 1'-0"



B5 SLAB EDGE REINF AT NON ORTHOGINAL SLAB

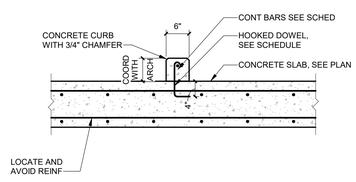
3/4" = 1'-0"



B6 SLAB DEPTH CHANGE AT COLUMN

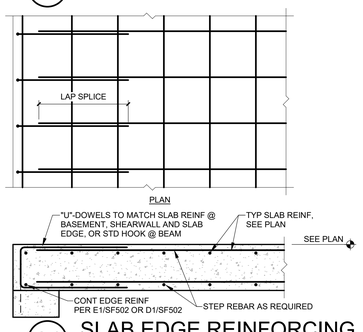
3/4" = 1'-0"

CURB HEIGHT	CONTINUOUS BARS	DOWEL BARS
"H" ≤ 8"	(1) #3	#3 @ 18"
"H" ≥ 8"	(2) #3	#3 @ 18"



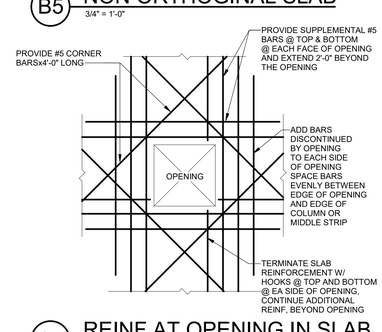
A3 CONCRETE CURB DETAIL

3/4" = 1'-0"



A4 SLAB EDGE REINFORCING

3/4" = 1'-0"



A5 REINF AT OPENING IN SLAB

3/4" = 1'-0"

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REVIEWED BY	CM, BB
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PROJECT NO	20-0010

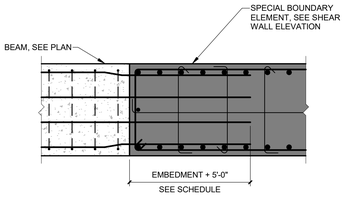
DRAWING NAME

FRAMING DETAILS

SHEET NO

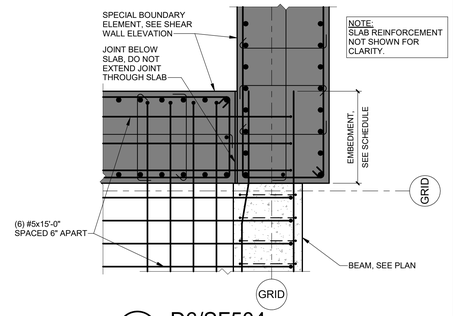
SF503

6/13/2024 4:37:20 PM



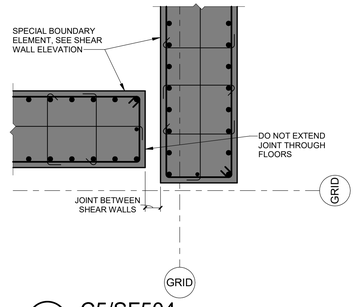
NOTE:
SLAB REINFORCEMENT NOT SHOWN FOR CLARITY.

E6 E6/SF504
3/4" = 1'-0"

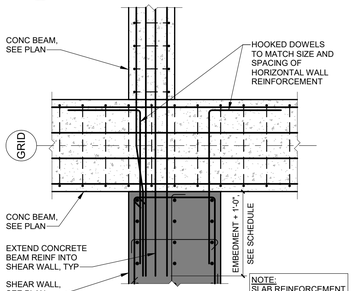


NOTE:
SLAB REINFORCEMENT NOT SHOWN FOR CLARITY.

D6 D6/SF504
3/4" = 1'-0"

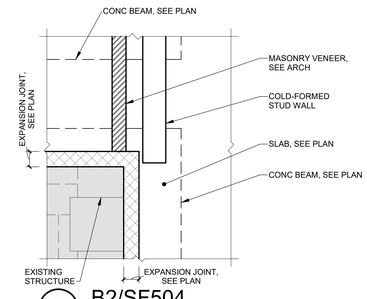


C5 C5/SF504
3/4" = 1'-0"

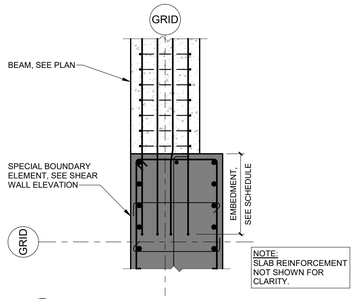


NOTE:
SLAB REINFORCEMENT NOT SHOWN FOR CLARITY.

C6 C6/SF504
3/4" = 1'-0"

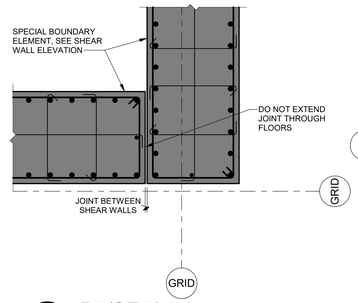


B2 B2/SF504
3/4" = 1'-0"

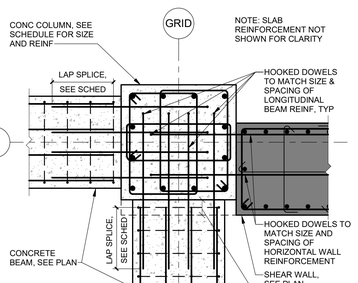


NOTE:
SLAB REINFORCEMENT NOT SHOWN FOR CLARITY.

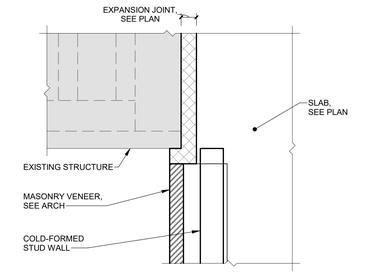
B4 B4/SF504
3/4" = 1'-0"



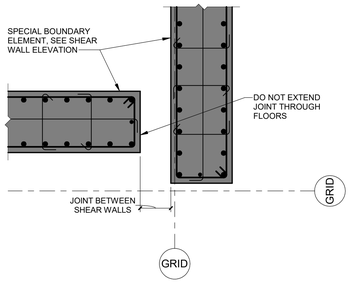
B5 B5/SF504
3/4" = 1'-0"



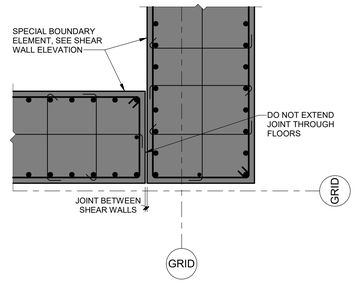
B6 B6/SF504
3/4" = 1'-0"



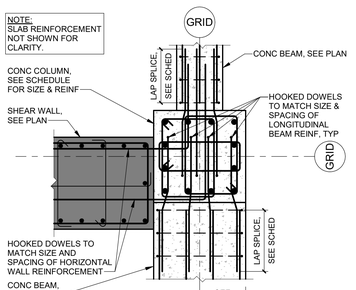
A2 A2/SF504
3/4" = 1'-0"



A4 A4/SF504
3/4" = 1'-0"



A5 A5/SF504
3/4" = 1'-0"



A6 A6/SF504
3/4" = 1'-0"

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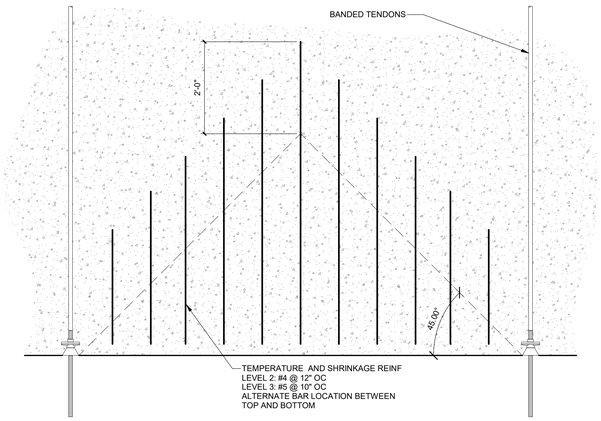
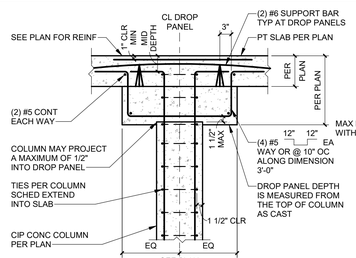
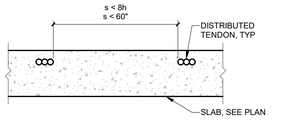


D1 TEMPERATURE REINFORCING AT SLAB EDGE
3/4" = 1'-0"

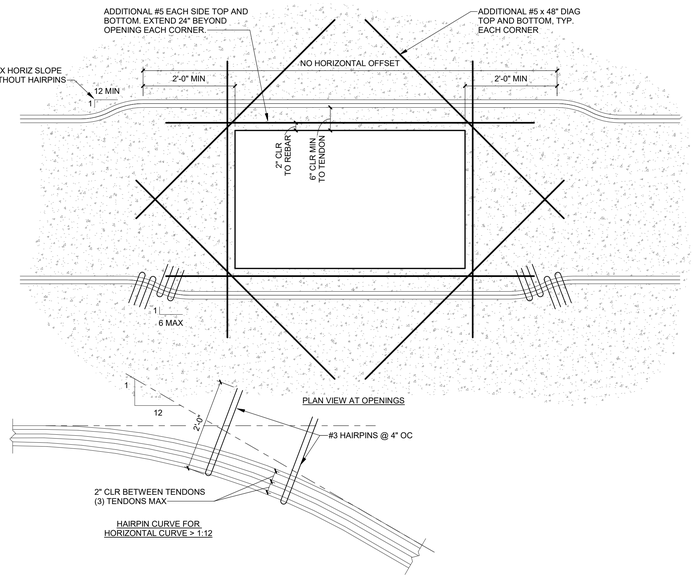


E3 TYP DROP PANEL AT COLUMN
3/4" = 1'-0"

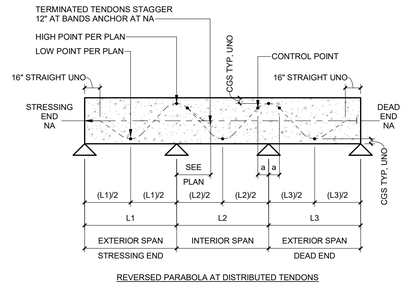


MAXIMUM SPACING OF DISTRIBUTED TENDONS

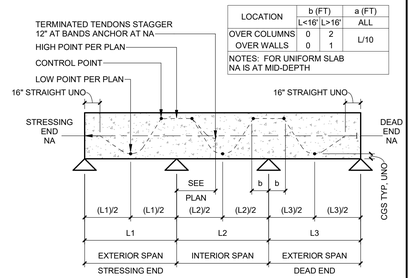
D3 MINIMUM AND MAXIMUM SPACING BETWEEN BANDED TENDONS
3/4" = 1'-0"



D4 TENDON LAYOUT AT OPENINGS
3/4" = 1'-0"



REVERSED PARABOLA AT DISTRIBUTED TENDONS

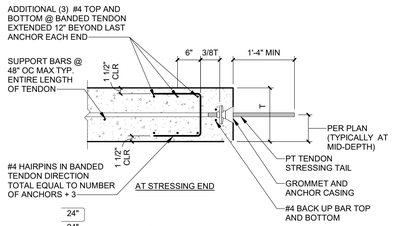


LOCATION	b (FT)		a (FT)
	L<16'	L>16'	ALL
OVER COLUMNS	0	2	L/10
OVER WALLS	0	1	

NOTES: FOR UNIFORM SLAB
NA IS AT MID-DEPTH

PARTIAL PARABOLA AT BANDED TENDONS

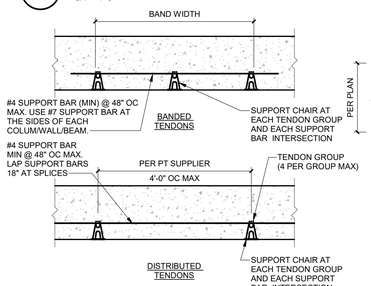
D6 TYPICAL TENDON PROFILES
3/4" = 1'-0"



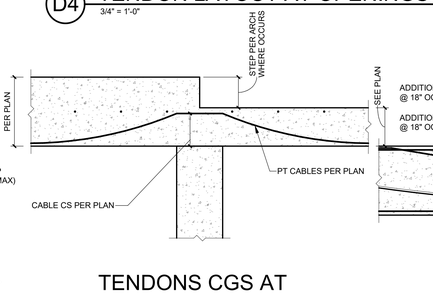
FLARING OF BANDED TENDONS

NOTE: PLACE ANCHORS VERTICAL ☐ FOR SLABS 7" OR THICKER

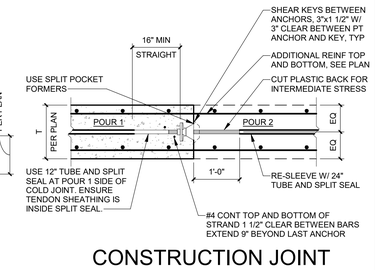
A1 TYPICAL BANDED TENDONS EACH END
3/4" = 1'-0"



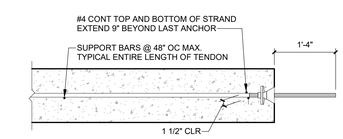
A3 POST-TENSIONED TENDON SUPPORT
NOT TO SCALE



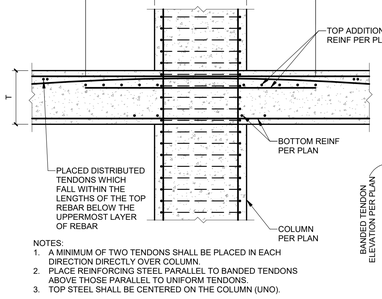
C4 TENDONS CGS AT SUPPORTS TYP
3/4" = 1'-0"



C6 CONSTRUCTION JOINT THROUGH DISTRIBUTED TENDONS
3/4" = 1'-0"

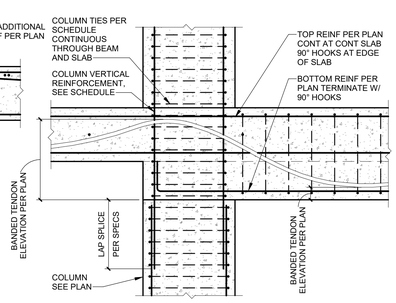


AT STRESSING END

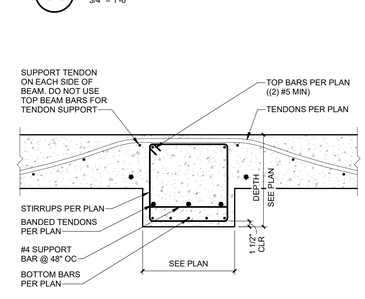


NOTES:
1. A MINIMUM OF TWO TENDONS SHALL BE PLACED IN EACH DIRECTION DIRECTLY OVER COLUMN.
2. PLACE REINFORCING STEEL PARALLEL TO BANDED TENDONS ABOVE THOSE PARALLEL TO UNIFORM TENDONS.
3. TOP STEEL SHALL BE CENTERED ON THE COLUMN (UNO).

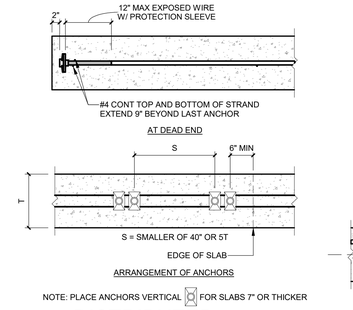
B4 REINFORCEMENT AT COLUMNS
3/4" = 1'-0"



B5 TENDONS IN DROP BEAM
3/4" = 1'-0"



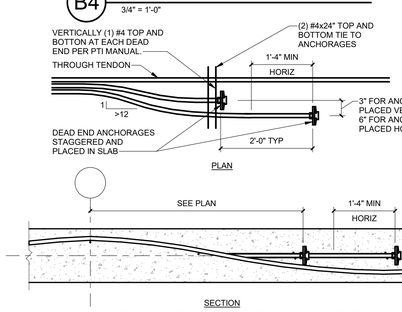
B6 DROP BEAM SECTION
3/4" = 1'-0"



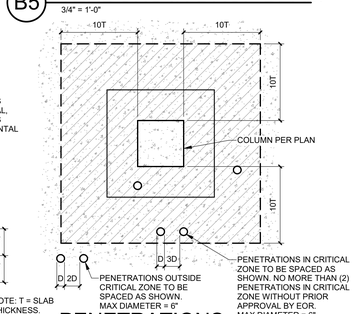
ARRANGEMENT OF ANCHORS

NOTE: PLACE ANCHORS VERTICAL ☐ FOR SLABS 7" OR THICKER

B3 DISTRIBUTED TENDONS AT EACH END
3/4" = 1'-0"

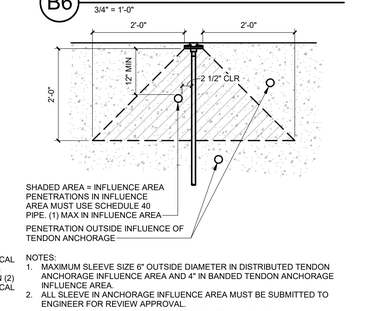


A4 PLACEMENT OF ADDED TENDONS
3/4" = 1'-0"



NOTE: T = SLAB THICKNESS.

A5 PENETRATIONS AT COLUMN
NOT TO SCALE



NOTES:
1. MAXIMUM SLEEVE SIZE 6" OUTSIDE DIAMETER IN DISTRIBUTED TENDON ANCHORAGE INFLUENCE AREA AND 4" IN BANDED TENDON ANCHORAGE INFLUENCE AREA.
2. ALL SLEEVE IN ANCHORAGE INFLUENCE AREA MUST BE SUBMITTED TO ENGINEER FOR REVIEW APPROVAL.

A6 PENETRATIONS IN TENDON INFLUENCE AREA
NOT TO SCALE

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SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

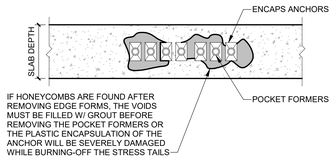
DRAWING NAME

PT FLOOR DETAILS

SHEET NO

SF511

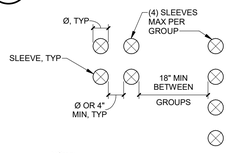
6/13/2024 4:37:24 PM



IF HONEYCOMBS ARE FOUND AFTER REMOVING EDGE FORMS, THE VOIDS MUST BE FILLED W/ GROUT BEFORE REMOVING THE POCKET FORMERS OR THE PLASTIC ENCAPSULATION OF THE ANCHOR WILL BE SEVERELY DAMAGED WHILE BURNING-OFF THE STRESS TAILS

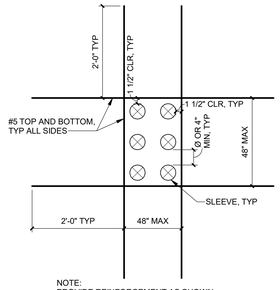
E1 HONEYCOMBS @ ANCHORAGE

NOT TO SCALE



NOTE:
PROVIDE REINFORCEMENT PER AS/SF501 WHERE MINIMUM SPACING IS NOT MET.

PLAN - NO ADDITIONAL REINFORCEMENT



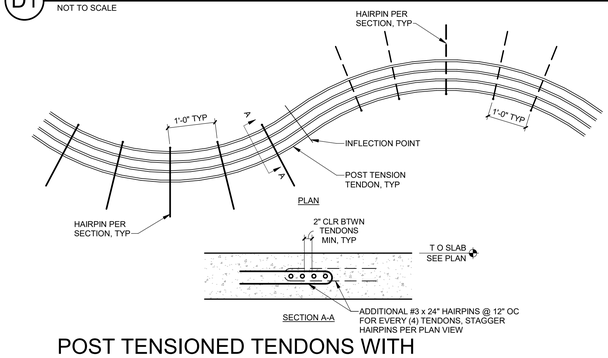
NOTE:
PROVIDE REINFORCEMENT AS SHOWN AROUND GROUPS OF (5) OR MORE SLEEVES. PROVIDE REINFORCEMENT PER AS/SF501 WHERE MINIMUM SPACING IS NOT MET.

PLAN - ADDITIONAL REINFORCEMENT

ADDITIONAL NOTES:
1. ALUMINUM MATERIALS SHALL NOT BE EMBEDDED IN CONCRETE.
2. SLEEVES SHALL NOT BE LOCATED WITHIN 48" OF COLUMNS WITHOUT ENGINEERS APPROVAL.
3. SLEEVES SHALL NOT INTERRUPT TYPICAL REINFORCEMENT INDICATED ON PLAN.
4. PROVIDE 2 1/2" MINIMUM CLEARANCE BETWEEN ALL POST TENSIONING TENDONS.

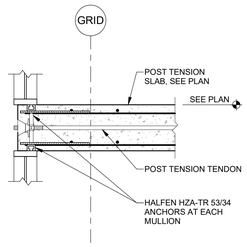
D1 SLEEVES THRU CONCRETE SLAB

NOT TO SCALE



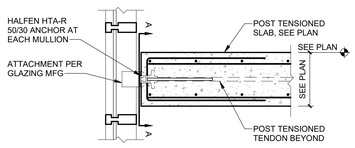
C1 POST TENSIONED TENDONS WITH SWEEP GREATER THAN 1:8 MAXIMUM SWEEP = 1:4

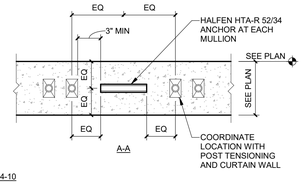
NOT TO SCALE



B1 TYPICAL GLAZING CONNECTION AT POST TENSIONED SLAB

3/4" = 1'-0"

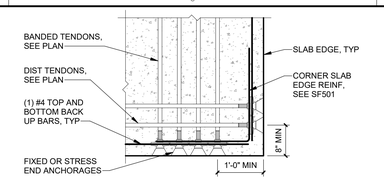




POST TENSIONED SLAB LEVELS 4-10

A1 TYPICAL CURTAINWALL CONNECTION AT POST TENSIONED SLAB

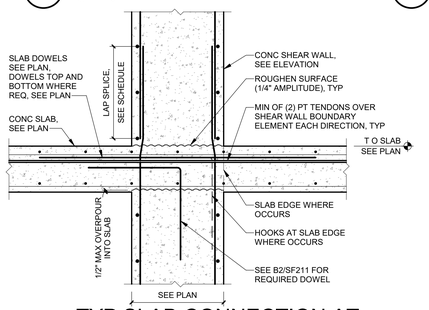
3/4" = 1'-0"



NOTES:
1. ADDITIONAL INFORMATION, SEE SF501.
2. REINFORCING AT POST-TENSIONING ANCHORS NOT SHOWN FOR CLARITY.
3. IF EDGE DISTANCE CAN NOT BE MET, CONTACT STRUCTURAL ENGINEER OF RECORD.

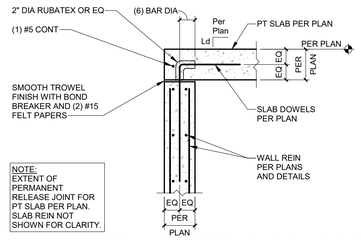
E3 E3/SF512

3/4" = 1'-0"



D3 TYP SLAB CONNECTION AT INTERIOR SHEAR WALL

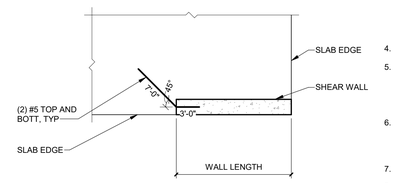
3/4" = 1'-0"



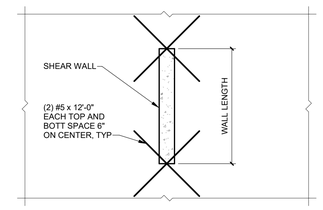
NOTE:
EXTENT OF PERMANENT RELEASE JOINT FOR PT SLAB PER PLAN. SLAB REIN NOT SHOWN FOR CLARITY.

E4 PERMANET RELEASE JOINT FOR PT SLAB (PERIMETER WALL)

3/4" = 1'-0"



EXTERIOR WALLS PLAN



INTERIOR WALLS PLAN

D5 ADDED REINFORCEMENT AT BEARING AND SHEAR WALLS

1/8" = 1'-0"

PREPARING SLAB FOR STRESSING:

1. REMOVE THE POCKET FORMER.
2. CLEAN THE ANCHOR CAVITY.
3. CLEAN THE STRAND FROM THE WEDGE CAVITY TO 6 INCHES FROM SLAB EDGE. THE ANCHOR CAVITY, WEDGES AND STRAND MUST BE CLEAN OF ANY CONCRETE SLURRY, DIRT OR FOREIGN MATERIAL. IF IT IS NOT CLEAN, THE WEDGES WILL NOT SEAT PROPERLY IN THE ANCHOR CAVITY CAUSING THE STRAND TO SLIP THROUGH THE WEDGES RESULTING IN SHORT ELONGATIONS AND LOW FORCE.
4. INSERT THE WEDGES AND SEAT USING A HAND-SEATING TOOL IN ALL STRESSING ANCHORS.
5. USE A SHORT PIECE OF WIDE METAL BANDING STRAP (USED TO SECURE THE MASTER TENDON BUNDLES FOR SHIPPING) AS A REFERENCE DEVICE. PLACE THE REFERENCE DEVICE SNUGLY AGAINST THE SLAB EDGE AND APPLY THE REFERENCE. MARK TO THE TOP OF THE TENDON TAIL USING QUICK DRY SPRAY PAINT OR MARKING PER (DO NOT USE A LUBBER CRAYON). THIS WILL SET THE INITIAL REFERENCE MARK A FIXED DISTANCE OF 1 1/4" FROM THE SLAB EDGE.
6. FOR TENDONS STRESSING AT ANY ANGLED SLAB EDGE, THE REFERENCE MARK MUST BE MADE COMPLETELY AROUND THE TENDON TAIL (NOT JUST ON THE TOP) SINCE THE MARK WILL TURN RELATIVE TO THE ANGLED SLAB EDGE AS THE TENDON ELONGATES. AS AN ALTERNATE, TAPE CAN BE WRAPPED AROUND THE TENDON TAIL OVER THE REFERENCE MARK.
7. ALL REFERENCE MARKS ARE TO BE CLEAR AND STRAIGHT. OVER-SPRAY OR SMEARED MARKS WILL RESULT IN INACCURATE ELONGATED MEASUREMENTS.
8. FOR TENDONS THAT ARE STRESSED FROM BOTH ENDS, REFERENCE MARKS MUST BE PLACED AT BOTH TENDON ENDS PRIOR TO STRESSING.

ELONGATION MEASURING PROCEDURE:

1. THE MEASURING TOOL USED MUST BE OF A RIGID STYLE SUCH AS A FOLDING TAPE OR RULER, NOT FLEXIBLE LIKE A RETRACING TAPE MEASURE. THE SCALE IS TO BE KEPT CLEAN.
2. TENDONS ARE TO NEVER BE STRESSED HIGHER THAN SPECIFIED (33 KIPS FOR 1/2" STRAND). NEVER OVER-STRESS A TENDON IN AN ATTEMPT TO ACHIEVE THE CALCULATED ELONGATION.
3. AFTER THE TENDON HAS BEEN STRESSED TO THE REQUIRED INITIAL JACKING FORCE, THIS MAKE TAKE MORE THAN ONE CYCLE OF THE JACK. PLACE THE REFERENCE DEVICE IN THE SAME POSITION AGAINST THE EDGE OF CONCRETE AND MEASURE THE DISTANCE FROM THE MARKING DEVICE TO THE FINAL REFERENCE MARK. MEASURE THE CLOSEST 1/8". THIS DISTANCE IS THE MEASURED ELONGATION AND IS TO BE RECORDED ON THE ELONGATED CHART.
4. CARE SHOULD BE TAKEN WHEN MEASURING ELONGATIONS ON TENDONS WITH LONG STRESSING TAILS. THE TAILS WILL BEND DOWNWARDS UNDER THEIR OWN WEIGHT. LIFT THE TENDON TAIL UP SO THAT IT IS STRAIGHT WHEN TAKING THE MEASUREMENT.

LIFT-OFF PROCEDURE:

1. PLACE NEW REFERENCE MARK ON THE TENDON TAIL FOLLOWING THE REQUIRED PREP PROCEDURE.
2. OPEN THE JACK 3-4 INCHES.
3. PLACE THE JACK ON THE TENDON AND INCREASE THE PRESSURE SLOWLY UNTIL THE JACK IS TIGHT AGAINST THE ANCHOR.
4. INCREASE THE PRESSURE SLOWLY UNTIL THE NEEDLE DROPS BACK. THIS DROP-BACK READING IS THE FORCE ON THE TENDON AND IS TO BE RECORDED AS THE "LIFT-OFF" READING.
5. RESTRESS THE TENDON TO THE SPECIFIED INITIAL JACKING FORCE OF 33 kips.
6. MEASURE ANY ADDITIONAL ELONGATION GAINED FOLLOWING THE REQUIRED MEASURING PROCEDURE.
7. IF THE DROP-BACK IS NOT OBSERVED WHEN THE SPECIFIED INITIAL JACKING FORCE OF 33 kips IS REACHED, INCREASE THE PRESSURE 1 kip OR 200 PSI. IF NO DROP BACK IS OBSERVED, RECORD AS "NO LIFT OFF".

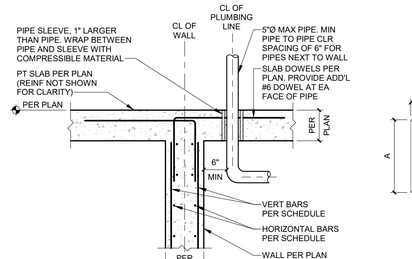
D6 ELONGATION MEASURING PROCEDURES

NOT TO SCALE

NOTE:
EXTENT OF PERMANENT RELEASE JOINT FOR PT SLAB PER PLAN.

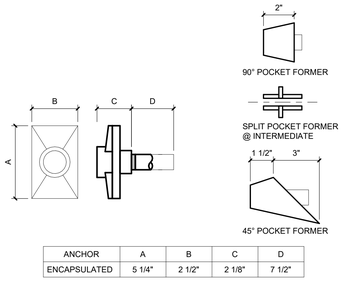
C4 TEMPORARY RELEASE JOINT FOR PT SLAB (PERIMETER WALL)

3/4" = 1'-0"



C5 SLAB PENETRATION NEXT TO WALL

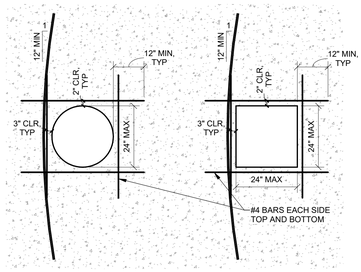
3/4" = 1'-0"



ANCHOR	A	B	C	D
ENCAPSULATED	5 1/4"	2 1/2"	2 1/8"	7 1/2"

C6 ENCAPSULATED SINGLE STRAND ANCHOR

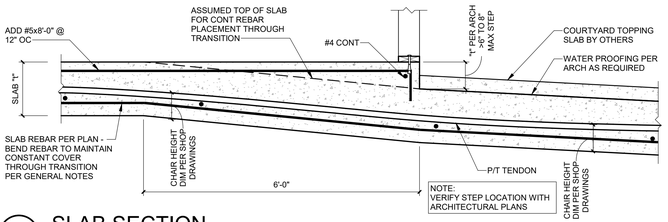
3" = 1'-0"



B4 TYP REINF AT SLAB OPENINGS

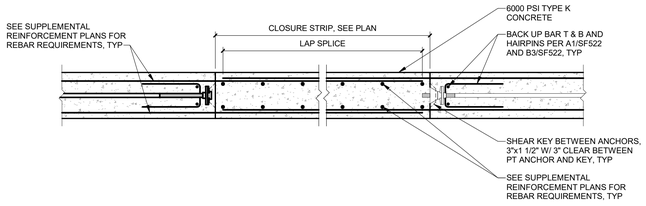
1/2" = 1'-0"

NOTES:
1. WHERE STEP OCCURS AT OR NEAR COLUMN, VERIFY COLUMN HEIGHTS PRIOR TO FABRICATION.
2. WHERE COLUMN (T) BARS TRANSITION THROUGH STEP - BARS TO FOLLOW "ASSUMED TOP OF SLAB" LINE SHOWN IN DETAIL MINUS COVER.
3. WHERE STEP OCCURS THROUGH COLUMN CAPITAL - MAINTAIN MINIMUM CAPITAL DIMENSION AT ALL LOCATIONS.
4. PROVIDE TENSION SUPPORTS AT UPPER AND LOWER SLAB TRANSITION LOCATIONS.



B5 SLAB SECTION

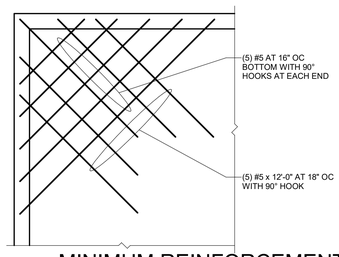
3/4" = 1'-0"



NOTES:
1. RETAIN SHORING UNTIL CONCRETE IN CLOSURE STRIP REACHES 75 PERCENT OF SPECIFIED SLAB CONCRETE STRENGTH.
2. CLOSURE STRIP TO BE FILLED WITH NON-SHRINK CONCRETE.
3. ROUGHEN AND CLEAN JOINTS. WET PRIOR TO PLACING CONCRETE.
4. ELIMINATE ACCIDENTAL MISALIGNMENT BETWEEN EDGE OF SLABS THAT ARE TO BE JOINED WITH CLOSURE STRIP. USE MECHANICAL METHODS SUCH AS JACKING IF NECESSARY.
5. CONTRACTOR SHALL NOTE THAT THERE ARE SPECIAL SHORING CONDITIONS ON EITHER SIDE OF THE CLOSURE STRIP, ESPECIALLY FOR MULTI-STORY STRUCTURES.

A4 TYPICAL CLOSURE STRIP DETAIL

3/4" = 1'-0"



A6 MINIMUM REINFORCEMENT AT SUPPORTED SLAB EDGES

3/8" = 1'-0"

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PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

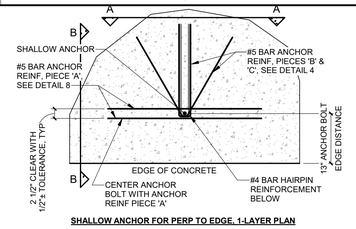
DRAWING NAME

PT FLOOR DETAILS

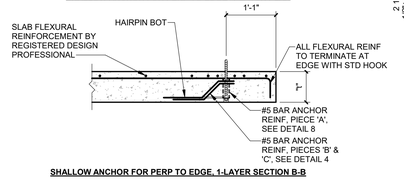
SHEET NO

SF512

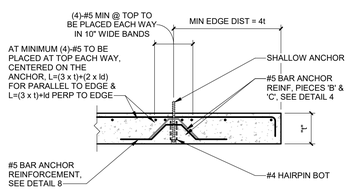
6/13/2024 4:37:26 PM



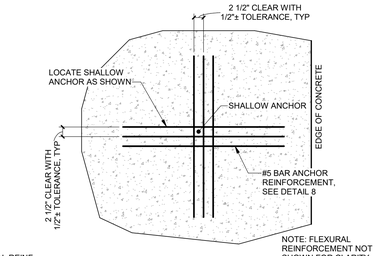
SHALLOW ANCHOR FOR PERP TO EDGE, 1-LAYER PLAN



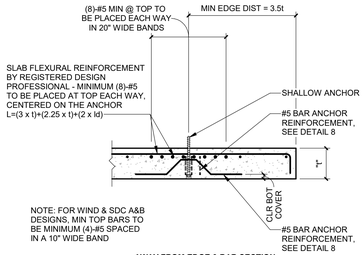
SHALLOW ANCHOR FOR PERP TO EDGE, 1-LAYER SECTION B-B



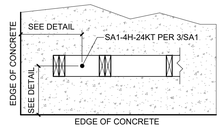
NEAR EDGE 1-LAYER, SECTION A-A



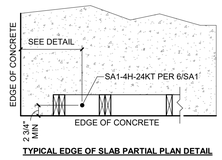
AWAY FROM EDGE 6-BAR PLAN



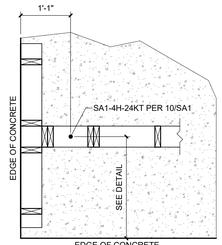
AWAY FROM EDGE 6-BAR SECTION



TYPICAL MID SLAB PARTIAL PLAN DETAIL



TYPICAL EDGE OF SLAB PARTIAL PLAN DETAIL



TYPICAL WALL PERPENDICULAR TO SLAB EDGE

D4 TYPICAL PLAN LAYOUTS OF SHALLOW ANCHOR SOLUTIONS

NOT TO SCALE

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PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
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DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

WOOD FRAMING DETAILS

SHEET NO

SF521

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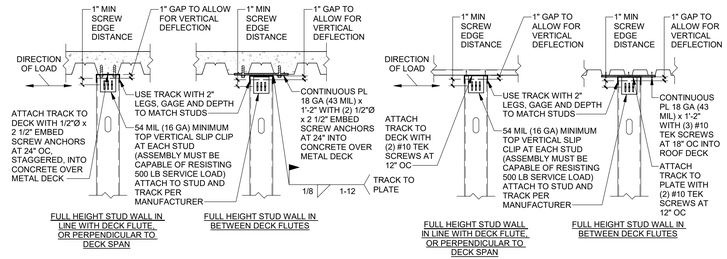
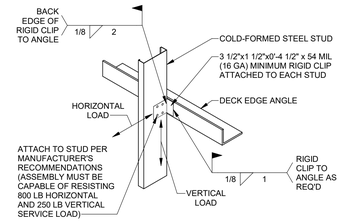
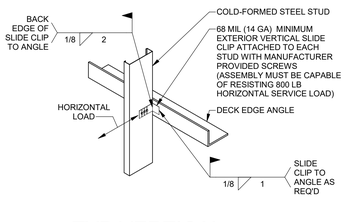


D5 TYP TOP SLIDE CLIP DETAIL
3/4" = 1'-0"

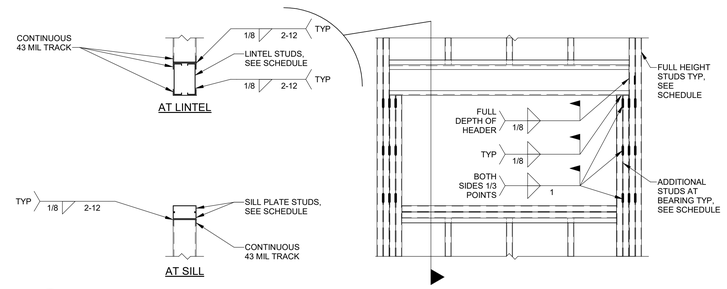
D6 TYP TOP SLIDE CLIP DETAIL
3/4" = 1'-0"



C5 TYP RIGID CLIP DETAIL
3/4" = 1'-0"



C6 TYP VERTICAL SLIDE CLIP DETAIL
3/4" = 1'-0"



B5 TYP COLD-FORMED STEEL OPENING FRAMING
3/4" = 1'-0"

WELD SCHEDULE
COLD-FORMED STEEL FRAMING

LOCATION	FILLET WELD SIZE & SPACING
STUD TO TRACK	1/8" AT EACH FLANGE
STUD TO STUD	1/8"x1" @ 12" OC AT EACH FLANGE
BUILT-UP LINTEL	1/8"x1" @ 12" OC AT EACH FLANGE OF TRACK
LINTEL TO SUPPORT STUDS	1/8" FOR FULL LENGTH OF BEARING, EA SIDE OF BEAM
TRACK TO TRACK	1/8"x1" @ 12" OC EACH SIDE
TRACK TO STUD AT JAMB	1/8"x3" MINIMUM
LEDGER TO STUD	1/8" TOP & BOTTOM EACH STUD
DIAGONAL KICKER	1/8"x3" TOP & BOTTOM EACH STUD EACH SIDE

A5 WELD SCHEDULE
3/4" = 1'-0"

COLD-FORMED LINTEL SCHEDULE

OPENING WIDTH OR MARK	SIZE	STUDS AT BEARING	FULL HEIGHT STUDS	SILL PLATE STUDS
≤ 4'-0"	(1) 600T125-43	1	1	0
≤ 6'-0"	(2) 400S162-33	1	2	0
≤ 8'-0"	(2) 600S162-43	1	2	1
≤ 10'-0"	(3) 600S162-43	1	2	1

A6 COLD-FORMED LINTEL SCHEDULE
3/4" = 1'-0"

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

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DRAWN BY	AM, MM
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COLD-FORMED FRAMING DETAILS

SHEET NO

SF531

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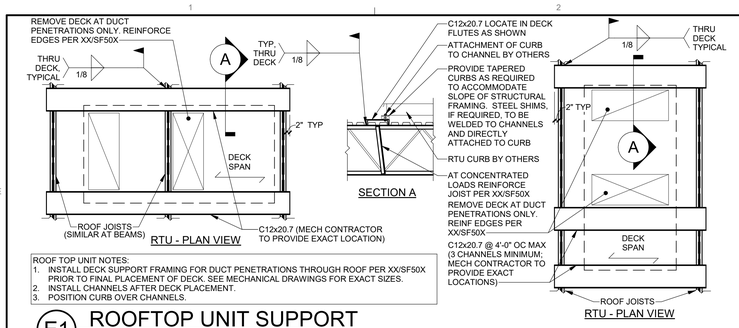
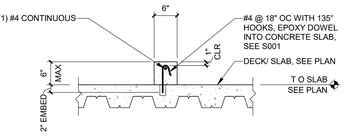
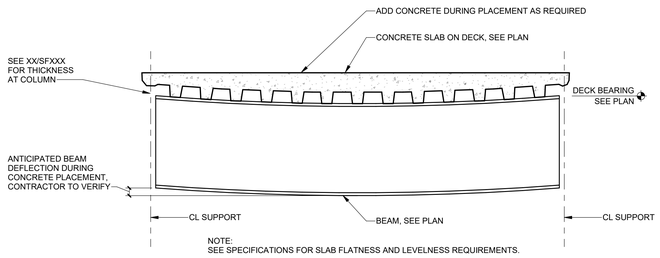


ROOF TOP UNIT NOTES:
1. INSTALL DECK SUPPORT FRAMING FOR DUCT PENETRATIONS THROUGH ROOF PER XX/SF50X PRIOR TO FINAL PLACEMENT OF DECK. SEE MECHANICAL DRAWINGS FOR EXACT SIZES.
2. INSTALL CHANNELS AFTER DECK PLACEMENT.
3. POSITION CURB OVER CHANNELS.

E1 ROOFTOP UNIT SUPPORT
3/8" = 1'-0"

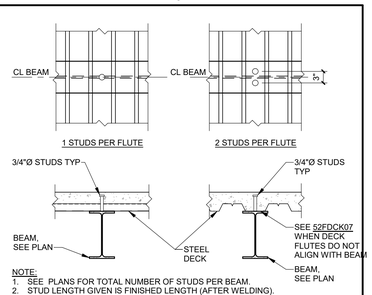


E3 TYP CONCRETE CURB ON FRAMED FLOOR
3/4" = 1'-0"



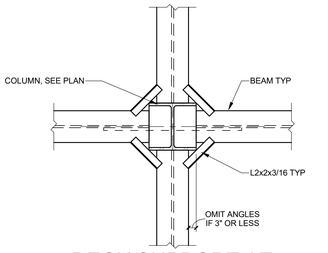
NOTE:
SEE SPECIFICATIONS FOR SLAB FLATNESS AND LEVELNESS REQUIREMENTS.

E4 TYP CONCRETE PLACEMENT AT ELEVATED FLOOR
3/4" = 1'-0"

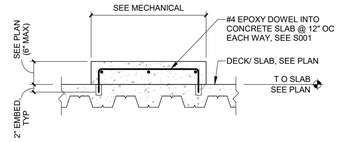


NOTE:
1. SEE PLANS FOR TOTAL NUMBER OF STUDS PER BEAM.
2. STUD LENGTH GIVEN IS FINISHED LENGTH (AFTER WELDING).

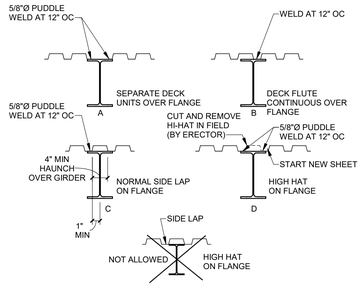
E6 TYP SHEAR STUD LAYOUT
3/4" = 1'-0"



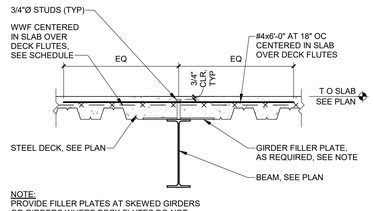
D2 DECK SUPPORT AT COLUMN
3/4" = 1'-0"



D3 TYP CONCRETE PAD ON FRAMED FLOOR
3/4" = 1'-0"

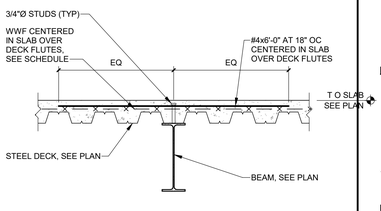


D4 ROOF DECK ON GIRDER
3/4" = 1'-0"



NOTE:
PROVIDE FILLER PLATES AT SKEWED GIRDERS OR GIRDERS WHERE DECK FLUTES DO NOT ALIGN WITH GIRDER CENTERLINE FOR INSTALLATION OF SHEAR STUDS.

D5 GIRDER PARALLEL TO DECK WITH FILLER PLATE
3/4" = 1'-0"



D6 TYP REINFORCEMENT OVER GIRDER
3/4" = 1'-0"

C2 SECTION AT ELEVATOR SHAFT
3/4" = 1'-0"

C3 EDGE ANGLE SPLICE
3/4" = 1'-0"

NOTES:
1. PROVIDE ROOF DRAIN SUPPORT FRAME AT ALL ROOF DRAINS.
2. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ROOF DRAIN LOCATION.
3. COORDINATE ROOF DRAIN SUPPORT FRAME DIMENSION WITH SELECTED DRAINS.

C4 ROOF DRAIN SUPPORT
3/4" = 1'-0"

NOTE:
FOR HOLES LESS THAN 4"x4" NO REINFORCING PLATE IS REQUIRED.

SECTION C
DECK OPENINGS 4" AND 9"

C6 TYP CONSTRUCTION JOINT AT FLOOR DECK
3/4" = 1'-0"

NOTE:
FOR OPENINGS LESS THAN 6"x6", NO REINFORCING PLATE IS REQUIRED

DECK OPENINGS 6" TO 12"

DECK OPENING GREATER THAN 12"

A4 TYP OPENINGS IN ROOF DECK
3/4" = 1'-0"

IF OPENING IS WITHIN 12" OF BEAM FLANGE OMIT THIS ANGLE

A5 TYP FLOOR DECK OPENING REINFORCING
3/4" = 1'-0"

STEEL DECK SCHEDULE							
DECK MARK	MINIMUM DECK PROPERTIES				ATTACHMENT (SEE NOTES BELOW)		
	I_p (in⁴/ft)	S_p (in³/ft)	I_n (in⁴/ft)	S_n (in³/ft)	PERP SUPPORTS	PARALLEL SUPPORTS	SIDELAPS
1	0.155	0.186	0.183	0.192	PE-2	PA-1	SL-2
2	0.848	0.501	1.079	0.552	PE-3	PA-1	SL-2
3	0.403	0.326	0.402	0.337	PE-1	PA-1	SL-1
4	1.252	0.761	1.252	0.794	PE-1	PA-1	SL-1

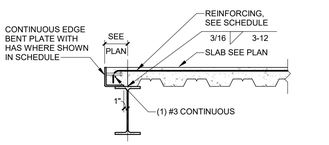
ATTACHMENT NOTES:

AT SHEAR STUD WELDED THRU DECK, OMIT PUDDLE WELD.

PE-1 (4) 5/8"Ø PUDDLE WELDS PER 36" WIDE SHEET
PE-2 (7) 5/8"Ø PUDDLE WELDS PER 36" WIDE SHEET
PE-3 (4) 5/6"Ø PUDDLE WELDS PER 24" WIDE SHEET
PA-1 5/8"Ø PUDDLE WELDS @ 12" OC
SL-1 BUTTON PUNCH @ 12" OC
SL-2 #10 TEK SCREWS @ 12" OC

A6 DECK SECTIONS AND SCHEDULES
3/4" = 1'-0"

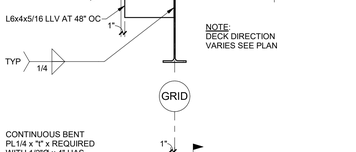
B2 ELEVATOR DOOR SILL ANGLE
3/4" = 1'-0"



NOTES:
1. DECK PARALLEL TO BEAM SHOWN, DECK PERPENDICULAR TO BEAM SIMILAR.
2. METAL STUDS NOT SHOWN FOR CLARITY. SEE ARCHITECTURAL.

EDGE DISTANCE	BENT PL SIZE	HAS	REINF
0" TO 6"	1/4"	-----	-----
> 6" TO 9"	1/4"	1/2"Ø x4" @ 24"OC	-----
9" TO 1'-4"	5/16"	1/2"Ø x4" @ 24"OC	1/2"Ø x4" @ 24"OC

A2 SECTION AT INTERIOR OPENING
3/4" = 1'-0"



A3 TYP EXTERIOR EDGE ANGLE
3/4" = 1'-0"

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
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DATE	6/14/2024
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DECK DETAILS

SHEET NO

SF541

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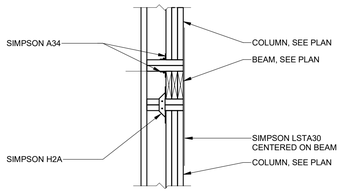
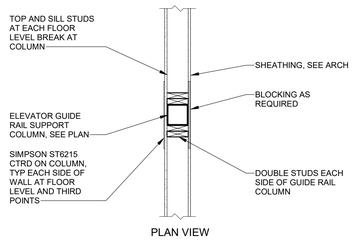
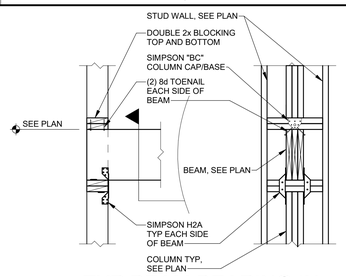


E2 BEAM BEARING IN WALL
3/4" = 1'-0"

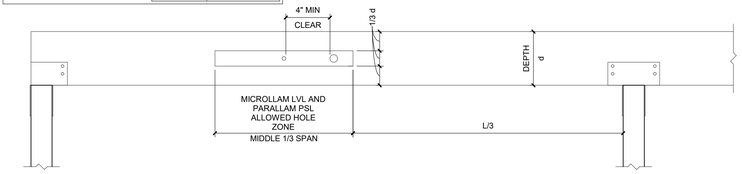


E3 ELEVATOR GUIDERAIL SUPPORT COLUMN
3/4" = 1'-0"

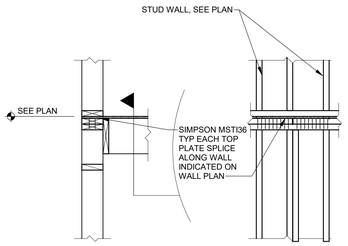


E4 TYP BEAM BEARING IN WALL
3/4" = 1'-0"

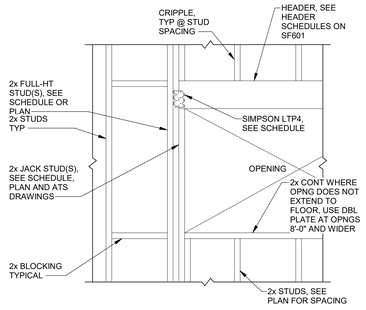
GENERAL NOTES	OTHER TRUSS JOIST BEAMS	
• ALLOW HOLE ZONE SUITABLE FOR HEADERS AND BEAMS WITH UNIFORM LOADS ONLY.	HEADER OR BEAM DEPTH	MAXIMUM ROUND HOLE SIZE
• ROUND HOLES ONLY.	4 3/8"	1"
• NO HOLES IN CANTILEVERS.	5 1/2"	1 3/4"
• NO HOLES IN HEADERS OR BEAMS IN PLANK ORIENTATION.	7 1/4" - 20"	2"



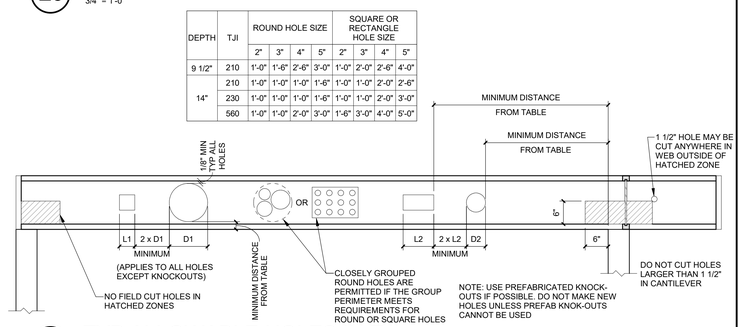
E5 TYP ALLOWABLE HOLES IN LVL AND PSL
3/4" = 1'-0"



D3 TYP WALL SPLICE
3/4" = 1'-0"

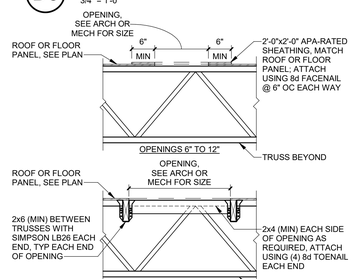


D4 TYP WALL OPENING
3/4" = 1'-0"

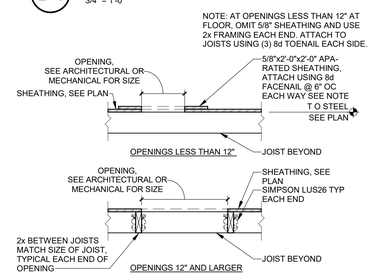


DEPTH	TJI	ROUND HOLE SIZE				SQUARE OR RECTANGLE HOLE SIZE			
		2"	3"	4"	5"	2"	3"	4"	5"
9 1/2"	210	1'-0"	1'-6"	2'-6"	3'-0"	1'-0"	2'-0"	2'-6"	4'-0"
14"	210	1'-0"	1'-0"	1'-0"	1'-6"	1'-0"	1'-0"	2'-0"	2'-6"
	230	1'-0"	1'-0"	1'-0"	1'-6"	1'-0"	1'-0"	2'-0"	3'-0"
	560	1'-0"	1'-0"	2'-0"	3'-0"	1'-6"	3'-0"	4'-0"	5'-0"

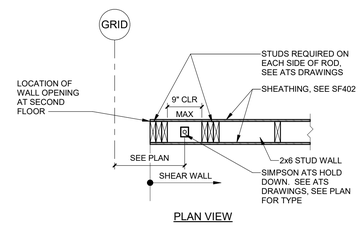
D5 TYP ALLOWABLE HOLES IN TJI
3/4" = 1'-0"



C3 OPENING DETAIL AT TRUSS FRAMING
3/4" = 1'-0"

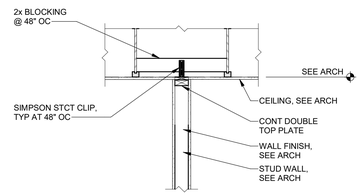


C4 TYP FRAMING AROUND OPENING DIMENSION LUMBER JOISTS
3/4" = 1'-0"

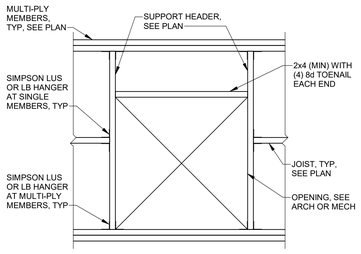


PLAN VIEW

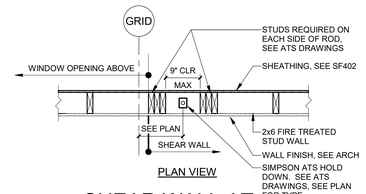
C5 TYP SHEAR WALL AT CORRIDOR
3/4" = 1'-0"



C6 TYP INTERIOR PARTITION WALL
3/4" = 1'-0"

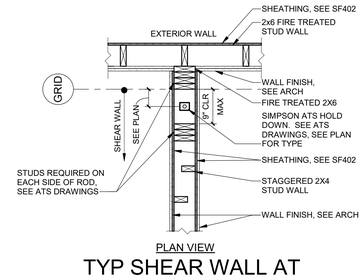


B2 TYPICAL FRAMING AT OPENINGS
3/4" = 1'-0"



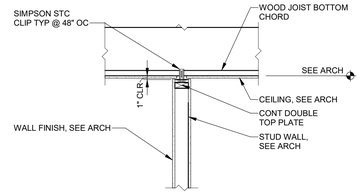
PLAN VIEW

B4 SHEAR WALL AT PERIMETER
3/4" = 1'-0"

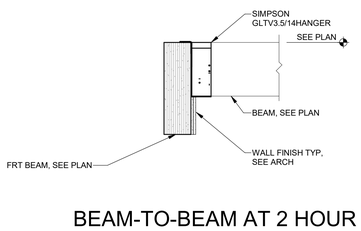


PLAN VIEW

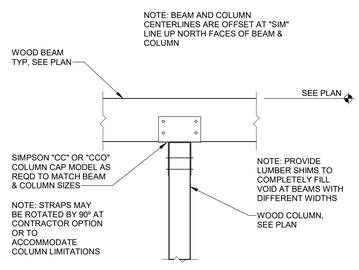
B5 TYP SHEAR WALL AT INTERIOR PARTY WALL (EXTERIOR)
3/4" = 1'-0"



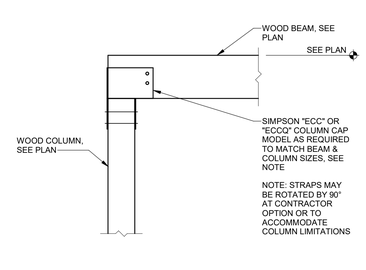
B6 TYP INTERIOR PARTITION WALL
3/4" = 1'-0"



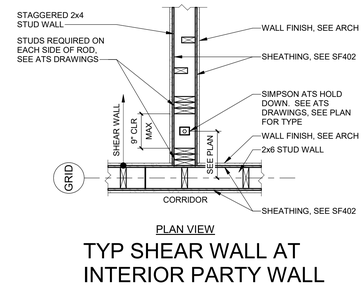
A2 BEAM-TO-BEAM AT 2 HOUR WALL
3/4" = 1'-0"



A3 BEAM-TO-COLUMN
3/4" = 1'-0"

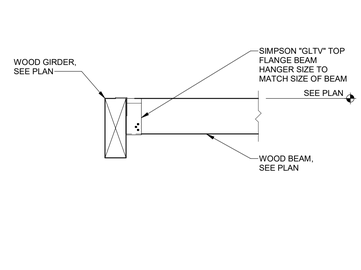


A4 END OF BEAM-TO- COLUMN
3/4" = 1'-0"



PLAN VIEW

A5 TYP SHEAR WALL AT INTERIOR PARTY WALL (INTERIOR)
3/4" = 1'-0"



A6 BEAM TO BEAM
3/4" = 1'-0"

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SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

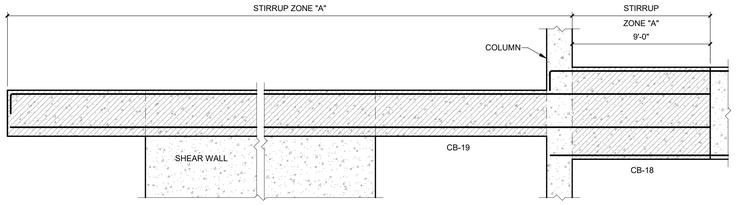
DRAWING NAME

FRAMING DETAILS

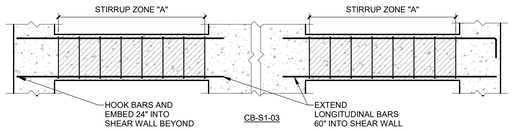
SHEET NO

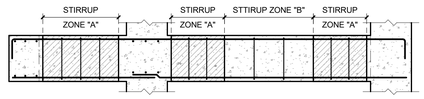
SF551

6/13/2024 4:37:34 PM

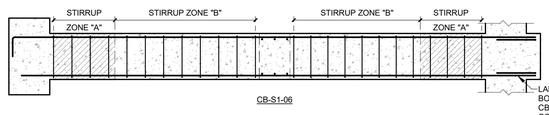


CB-18 & CB-19

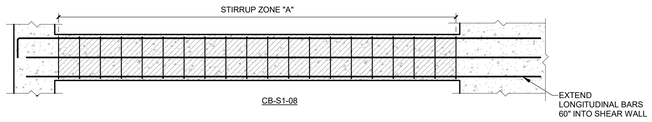




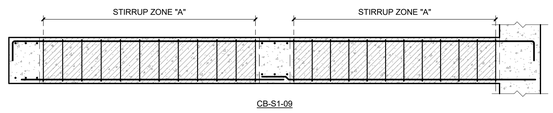
CB-S1-05



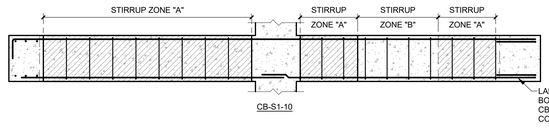
CB-S1-06



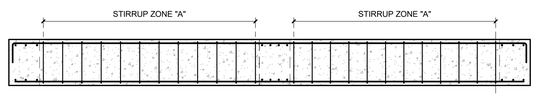
CB-S1-08



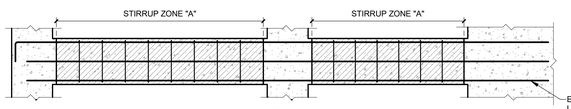
CB-S1-09



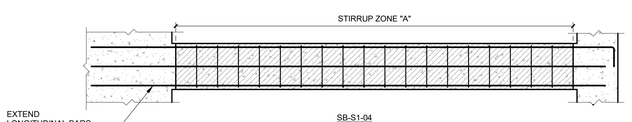
CB-S1-10



CB-S1-14

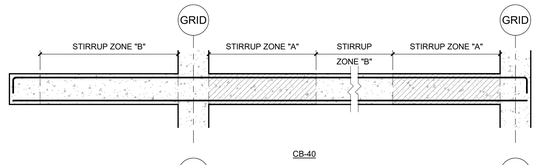


SB-S1-03

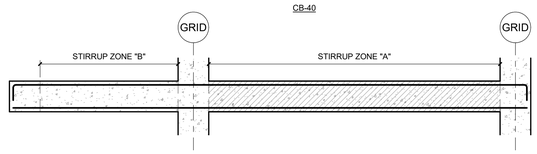


SB-S1-04

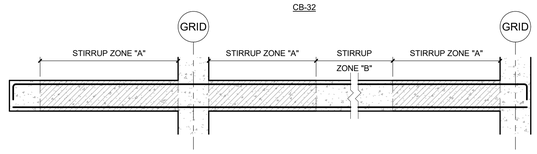
A1 CONCRETE BEAM REINFORCING DIAGRAMS
NOT TO SCALE



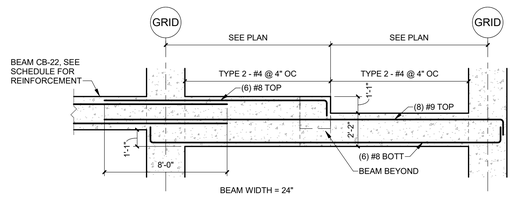
CB-40



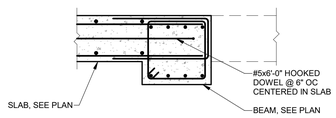
CB-32



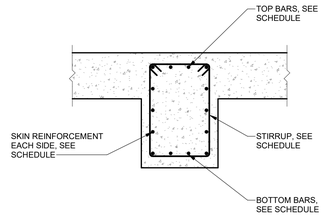
CB-31



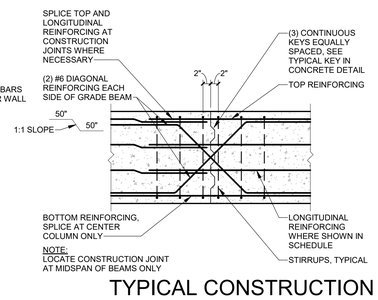
C3 BEAM ON GRID N - LEVEL 3
1/4" = 1'-0"



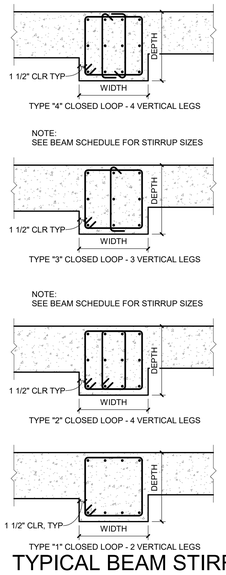
C4 TYPICAL SHEAR FRICTION REINFORCEMENT @ COLLECTOR BEAM
NOT TO SCALE



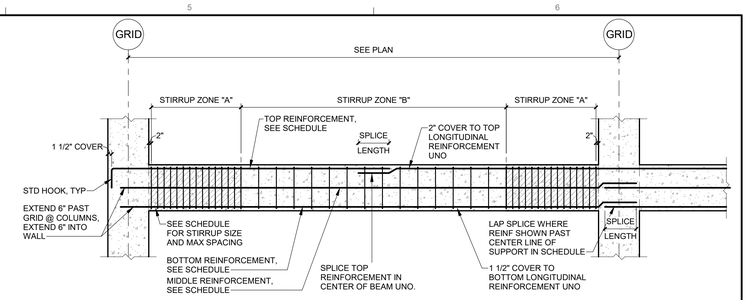
B3 CONCRETE BEAM???
NOT TO SCALE



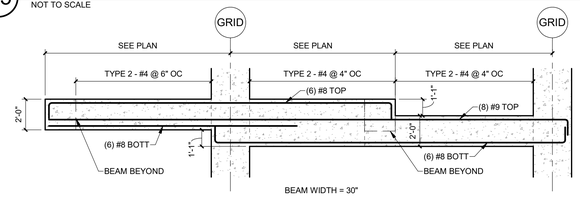
A3 TYPICAL CONSTRUCTION JOINT IN CONCRETE BEAM
NOT TO SCALE



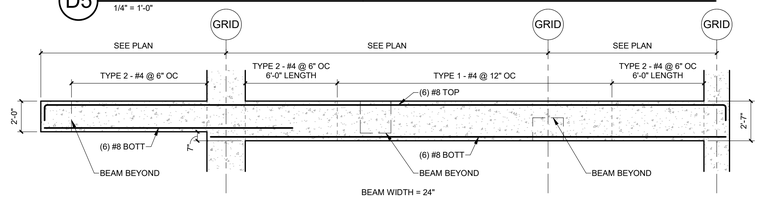
A4 TYPICAL BEAM STIRRUP REINFORCEMENT
NOT TO SCALE



E5 TYPICAL CONCRETE BEAM REINFORCING DIAGRAM
NOT TO SCALE



D5 BEAM ON GRID N
1/4" = 1'-0"



C5 BEAM ON GRID L
1/4" = 1'-0"

NOTES:
1. SEE BEAM ELEVATIONS ON 605 FOR SPECIFIC LAYOUTS, OR IF NO BEAM ELEVATION EXISTS, USE TYPICAL BEAM ELEVATION E5/SF605.
2. LENGTH OF ZONE "A" STIRRUPS SHOWN IN SCHEDULE. ZONE "B" STIRRUPS SHALL BE PROVIDED FOR THE REMAINDER OF THE BEAM.

A5 CONCRETE BEAM SCHEDULE
NOT TO SCALE

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SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

DRAWING NAME

FRAMING SCHEDULES

SHEET NO

SF601

6/13/2024 4:37:35 PM

30% SUBMITTAL PACKAGE

	Column Locations	LOWER LEVEL 1 89'-0"	LEVEL 1 100'-0"	LEVEL 2 116'-0"	LEVEL 3 124'-0"
Z-7	K-2, K-13, L-7, M-7, P-2, Q-2, Q-4, Q-10, Q-13	COLUMN SIZE: 18"x32"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 18"x32"	CONCRETE f'c: 5000 PSI
V-4, V-5, V-8, V-10, W-4, W-5, W-9, W-10, Z3, Z-1/2	K-4, K-6, K-7, K-8, K-10, L-4, L-6, M-2, P-6, Q-6, Q-7, Q-8, V-6.5, V-7.4	COLUMN SIZE: 18"x24"	CONCRETE f'c: 5000 PSI		
V-2, V-13, X-2, X-4, X-10, X-13, Y-2, Y-7, Y-13	L-8, L-9, L-10, M-8, M-10, M-13, N-7, N-8, N-5-8, P-7, P-8, P-13, W-6.5, W-7.4	COLUMN SIZE: 18"x32"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 18"x32"	CONCRETE f'c: 5000 PSI
T-2, T-4, T-10, T-13, X-6, X-7, X-8	L-(S-11 3/4")			COLUMN SIZE: 18"x24"	CONCRETE f'c: 5000 PSI
S-1, S-2, S-4, S-10, S-13, S-14, T-1, T-14, V-11, V-14, X-1, X-14, Y-1, Y-14	M-4, M-6, N-2, N-6, Q-14, T-6.5, T-7.4, U-6.5, U-7.4	COLUMN SIZE: 18"x18"	CONCRETE f'c: 5000 PSI		
M-14, P-14		COLUMN SIZE: 18"x18"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 18"x18"	CONCRETE f'c: 5000 PSI
S-1, S-2, S-4, S-10, S-13, S-14, T-1, T-14, V-11, V-14, X-1, X-14, Y-1, Y-14	K-2, K-13, L-7, M-7, P-2, Q-2, Q-4, Q-10, Q-13	COLUMN SIZE: 18"x18"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 18"x18"	CONCRETE f'c: 5000 PSI
T-2, T-4, T-10, T-13, X-6, X-7, X-8	K-4, K-6, K-7, K-8, K-10, L-4, L-6, M-2, P-6, Q-6, Q-7, Q-8, V-6.5, V-7.4	COLUMN SIZE: 18"x48"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 18"x48"	CONCRETE f'c: 5000 PSI
V-2, V-13, X-2, X-4, X-10, X-13, Y-2, Y-7, Y-13	L-8, L-9, L-10, M-8, M-10, M-13, N-7, N-8, N-5-8, P-7, P-8, P-13, W-6.5, W-7.4	COLUMN SIZE: 18"x44"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 18"x44"	CONCRETE f'c: 5000 PSI
V-4, V-5, V-8, V-10, W-4, W-5, W-9, W-10, Z3, Z-1/2	L-(S-11 3/4")	COLUMN SIZE: 18"x24"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 18"x24"	CONCRETE f'c: 5000 PSI
Z-7	M-4, M-6, N-2, N-6, Q-14, T-6.5, T-7.4, U-6.5, U-7.4	COLUMN SIZE: 18"x18"	CONCRETE f'c: 5000 PSI	COLUMN SIZE: 24" x 24"	CONCRETE f'c: 5000 PSI

30% SUBMITTAL PACKAGE

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PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	AM, MM
REVIEWED BY	CM, BB
DATE	6/14/2024
PROJECT NO	20-0010

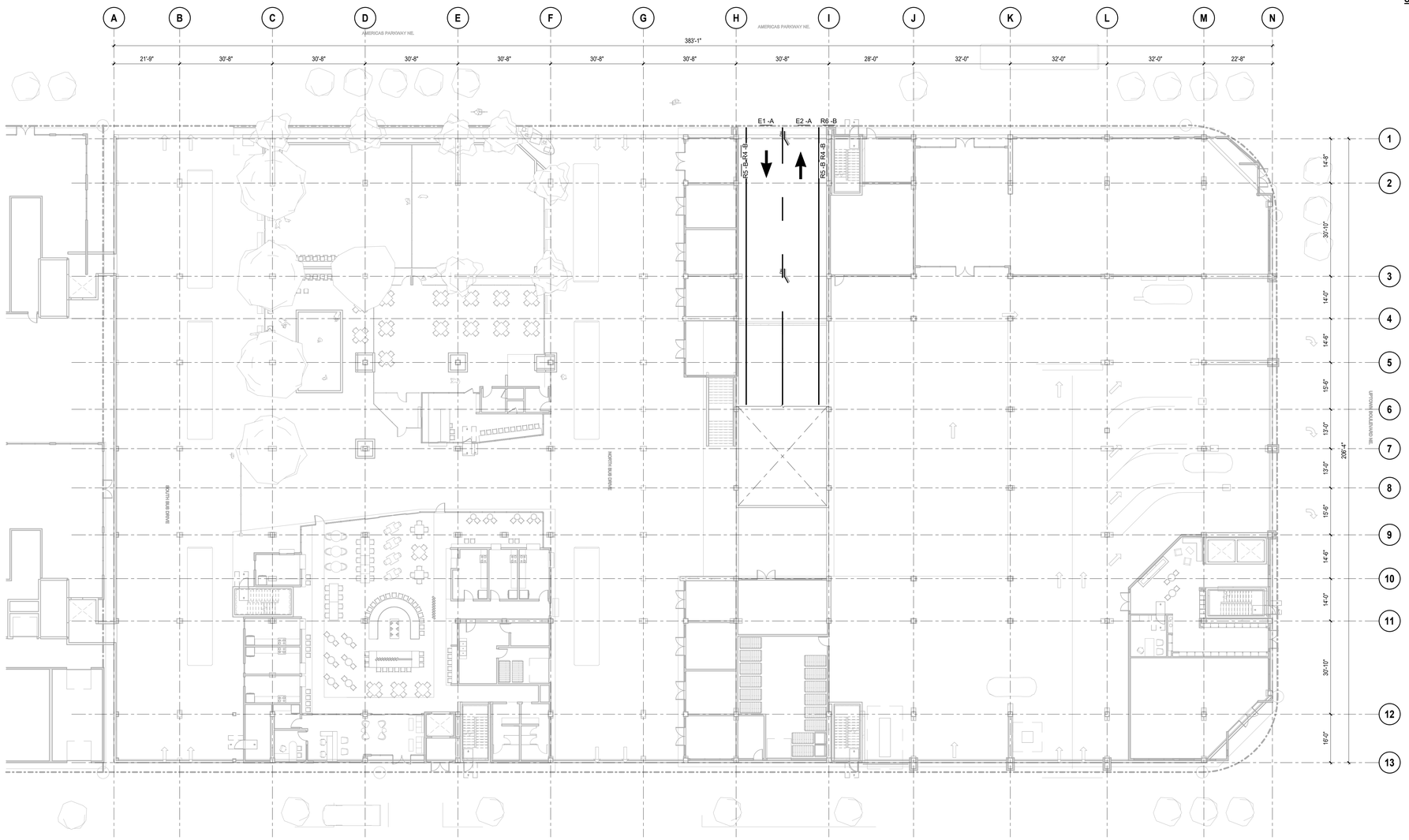
DRAWING NAME

COLUMN SCHEDULE

SHEET NO

SF602

6/13/2024 4:37:36 PM



SHEET NOTES:

NO	SYMB	NOTE
1		REPRESENTS PLAN MATCH LINE.
2		PARKING SPACE STRIPING TO BE 4" WIDE TRAFFIC YELLOW STRIPING - SINGLE LINE CONFIGURATION. REFER TO SHEET AP501 FOR ADDITIONAL STRIPING INFORMATION.
3		CROSS HATCH STRIPING TO BE 4" WIDE TRAFFIC YELLOW STRIPING AT 24" OC WITH BACK-ROLLED SLIP-RESISTANT ADDITIVE AS SHOWN IN PLANS. REFER TO SHEET AP501 FOR ADDITIONAL INFORMATION.
4		DIRECTIONAL ARROWS TO BE PAINTED TRAFFIC YELLOW WITH BACK-ROLLED SLIP-RESISTANT ADDITIVE AS SHOWN ON PLANS, REFER TO SHEET AP501 FOR ADDITIONAL INFORMATION.
5		PAVEMENT GRAPHICS TO BE PAINTED AS SHOWN ON PLANS WITH BACK-ROLLED SLIP-RESISTANT ADDITIVE, REFER TO SHEET AP501 FOR ADDITIONAL INFORMATION.
6	XXX-X	REPRESENTS SIGN MARK AS DEFINED ON SIGN SCHEDULE. THE LETTER AFTER THE DASH (-) REPRESENTS THE MOUNTING DETAIL, REFER TO SIGN MOUNTING LEGEND. SIGN TO BE PLACED APPROXIMATELY AS SHOWN ON PLANS. REFER TO DETAIL 9/AP521 FOR ADDITIONAL INFORMATION.
7		ALL SIGNS LOCATED AT ENTRY/EXIT SHALL BE CENTERED IN LANES, TYPICAL.
8	EV	INDICATES A PARKING SPACE RESERVED FOR ELECTRIC VEHICLES ONLY. REFER TO 11/AP501 "EV" IS FOR REFERENCE ONLY (DO NOT PAINT).
9		REPRESENTS A CONCRETE BOLLARD. REFER TO 11/AP501 FOR ADDITIONAL INFORMATION.
10		REPRESENTS A PIPE BOLLARD. REFER TO 12/AP501 FOR ADDITIONAL INFORMATION.
11		PROVIDE PIPE GUARDS AT ALL PIPES AND CONDUITS EXPOSED TO VEHICLE IMPACT. REFER TO DETAILS 9 AND 10/AP501.

SIGNAGE SHEET NOTES:

NO	NOTE
1	FOR COMPONENT DIMENSIONS, REFER TO SIGN COMPONENT DETAILS ON SHEET AP511
2	SPACE BETWEEN LETTERS IN EQUAL TO THE VERTICAL STROKE WIDTH OF THE LETTERS. (UNLESS REQUIRED TO MAKE THE SIGN DIMENSIONS WORK ±10% OF STROKE WIDTH).
3	DIMENSION(S) MAY VARY ±1" TO MAKE SIGN WORK.
4	ALL SIGNS TO BE MOUNTED PLUMB AND LEVEL.
5	MOUNTING HEIGHTS SHOWN ARE TO THE BOTTOM OF SIGN.
6	PRE-PUNCHED MOUNTING HOLE LOCATIONS SHOULD BE LOCATED 3/4" AWAY FROM SIGN EDGES. SIGNS 4'-0" AND LONGER SHALL HAVE SIX (6) PRE-PUNCHED HOLES WITH THE ADD'L TWO LOCATED AT TOP & BOTTOM MID-POINTS.

SIGN MOUNTING LEGEND

		DETAIL NO.
A	HEAD KNOCK	1/AP521
B	WALL/COLUMN MOUNT	2/AP521
C	SWING FRAME	3 & 4/AP521
D	SPANDREL MOUNT	5/AP521
E	BARRIER STRAND	6/AP521
F	LIGHT POLE	7/AP521
G	BY MANUFACTURER	-
H	BOLLARD SIGN MOUNT	8/AP521
J	BEAM MOUNTING DETAIL	10/AP521
K	STANDARD U-CHANNEL POST (GALV.)	-

SYMBOL LEGEND

		DET NO.
(DNE)	DO NOT ENTER	4/AP511
(ADA)	ACCESSIBLE PARKING	5/AP511
(ST)	STOP	6/AP511
(NLT)	NO LEFT TURN	7/AP511
(EV)	ELECTRIC VEHICLE CHARGING	8/AP511

1 LEVEL 1 - STREET LEVEL

1/16" = 1'-0"

NORTH

PARKING COUNT

LEVEL	STANDARD	SMALL CAR	ACCESSIBLE CAR	ACCESSIBLE VAN	EV	EV ADA	TOTAL
LOWER LEVEL 1	160	0	5	1	9	1	176

SIGN SCHEDULE - ENTRY-EXIT SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
E1	8'-2" CLEARANCE 8'-2"	13/AP511		1
E2	(DNE) DO NOT ENTER (DNE)	14/AP511		1

SIGN SCHEDULE - VEHICULAR SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
V1	Park →	1/AP512		1
V2	← Park	2/AP512		1
V3	← Park →	3/AP512		4
V4	Exit →	4/AP512		2
V5	← Exit	5/AP512		3
V6	↑ Park (ST) Exit →	6/AP512		1
V7	← Exit (ST) Park ↑	7/AP512		1

SIGN SCHEDULE - REGULATORY SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
R1	ADA	1/AP513		5
R2	ADA Van	2/AP513		2
R3	EV PARKING	3/AP513		10
R4	NO PEDESTRIANS	4/AP513		4
R5	NO PARKIING	5/AP513		4
R6	LIVE LOADS...	6/AP513		1

SIGN SCHEDULE - PEDESTRIAN SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
P1	STAIR	8/AP512		6
P2	STAIR-ELEVATOR	9/AP512		5

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PROJECT

UPTOWN CONNECT
INDIAN SCHOOL ROAD NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	EJR
REVIEWED BY	RTS
DATE	06/14/2024
PROJECT NO	xxxx.xx.xxx

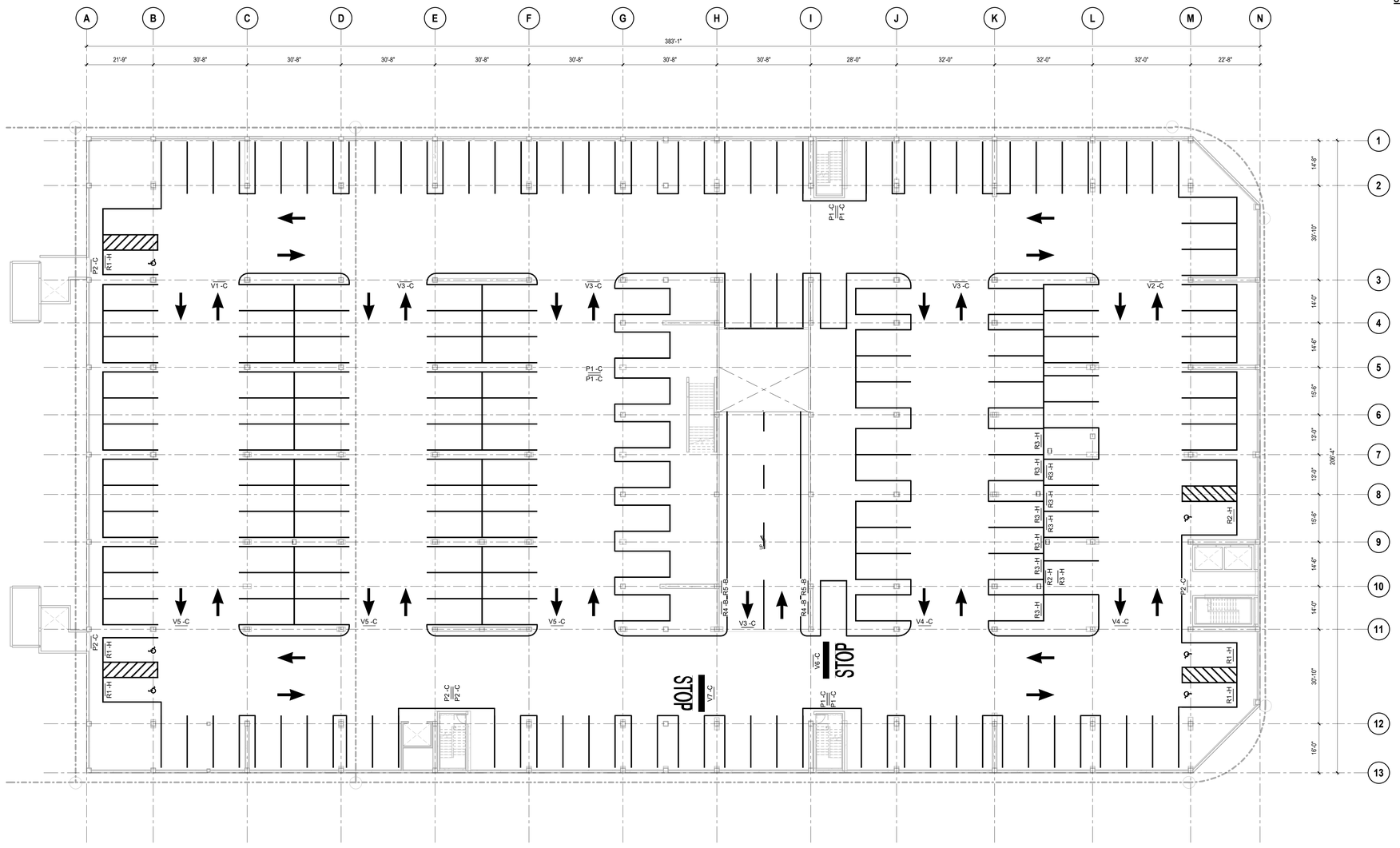
DRAWING NAME

LEVEL 1 - ARCHITECTURAL PARKING

SHEET NO

AP101

6/13/2024 1:47:26 PM



SHEET NOTES:

NO	SYMB	NOTE
1		REPRESENTS PLAN MATCH LINE.
2		PARKING SPACE STRIPING TO BE 4" WIDE TRAFFIC YELLOW STRIPING - SINGLE LINE CONFIGURATION. REFER TO SHEET AP501 FOR ADDITIONAL STRIPING INFORMATION.
3		CROSS HATCH STRIPING TO BE 4" WIDE TRAFFIC YELLOW STRIPING AT 24" OC WITH BACK-ROLLED SLIP-RESISTANT ADDITIVE AS SHOWN IN PLANS. REFER TO SHEET AP501 FOR ADDITIONAL INFORMATION.
4		DIRECTIONAL ARROWS TO BE PAINTED TRAFFIC YELLOW WITH BACK-ROLLED SLIP-RESISTANT ADDITIVE AS SHOWN ON PLANS, REFER TO SHEET AP501 FOR ADDITIONAL INFORMATION.
5		PAVEMENT GRAPHICS TO BE PAINTED AS SHOWN ON PLANS WITH BACK-ROLLED SLIP-RESISTANT ADDITIVE, REFER TO SHEET AP501 FOR ADDITIONAL INFORMATION.
6	XXX-X	REPRESENTS SIGN MARK AS DEFINED ON SIGN SCHEDULE. THE LETTER AFTER THE DASH (-) REPRESENTS THE MOUNTING DETAIL, REFER TO SIGN MOUNTING LEGEND. SIGN TO BE PLACED APPROXIMATELY AS SHOWN ON PLANS. REFER TO DETAIL 9/AP521 FOR ADDITIONAL INFORMATION.
7		ALL SIGNS LOCATED AT ENTRY/EXIT SHALL BE CENTERED IN LANES, TYPICAL.
8	EV	INDICATES A PARKING SPACE RESERVED FOR ELECTRIC VEHICLES ONLY. REFER TO 11/AP501 "EV" IS FOR REFERENCE ONLY (DO NOT PAINT).
9		REPRESENTS A CONCRETE BOLLARD. REFER TO 11/AP501 FOR ADDITIONAL INFORMATION.
10		REPRESENTS A PIPE BOLLARD. REFER TO 12/AP501 FOR ADDITIONAL INFORMATION.
11		PROVIDE PIPE GUARDS AT ALL PIPES AND CONDUITS EXPOSED TO VEHICLE IMPACT. REFER TO DETAILS 9 AND 10/AP501.

SIGNAGE SHEET NOTES:

NO	NOTE
1	FOR COMPONENT DIMENSIONS, REFER TO SIGN COMPONENT DETAILS ON SHEET AP511
2	SPACE BETWEEN LETTERS IN EQUAL TO THE VERTICAL STROKE WIDTH OF THE LETTERS. (UNLESS REQUIRED TO MAKE THE SIGN DIMENSIONS WORK ±10% OF STROKE WIDTH).
3	DIMENSION(S) MAY VARY ±1" TO MAKE SIGN WORK.
4	ALL SIGNS TO BE MOUNTED PLUMB AND LEVEL.
5	MOUNTING HEIGHTS SHOWN ARE TO THE BOTTOM OF SIGN.
6	PRE-PUNCHED MOUNTING HOLE LOCATIONS SHOULD BE LOCATED 3/4" AWAY FROM SIGN EDGES. SIGNS 4'-0" AND LONGER SHALL HAVE SIX (6) PRE-PUNCHED HOLES WITH THE ADD'L TWO LOCATED AT TOP & BOTTOM MID-POINTS.

SIGN MOUNTING LEGEND

		DETAIL NO.
A	HEAD KNOCK	1/AP521
B	WALL/COLUMN MOUNT	2/AP521
C	SWING FRAME	3 & 4/AP521
D	SPANDREL MOUNT	5/AP521
E	BARRIER STRAND	6/AP521
F	LIGHT POLE	7/AP521
G	BY MANUFACTURER	-
H	BOLLARD SIGN MOUNT	8/AP521
J	BEAM MOUNTING DETAIL	10/AP521
K	STANDARD U-CHANNEL POST (GALV.)	-

SYMBOL LEGEND

		DET NO.
(DNE)	DO NOT ENTER	4/AP511
(ADA)	ACCESSIBLE PARKING	5/AP511
(ST)	STOP	6/AP511
(NLT)	NO LEFT TURN	7/AP511
(EV)	ELECTRIC VEHICLE CHARGING	8/AP511

1 LOWER LEVEL 1

1/16" = 1'-0"

NORTH

PARKING COUNT

LEVEL	STANDARD	SMALL CAR	ACCESSIBLE CAR	ACCESSIBLE VAN	EV	EV ADA	TOTAL
LOWER LEVEL 1	160	0	5	1	9	1	176

SIGN SCHEDULE - ENTRY-EXIT SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
E1	8'-2" CLEARANCE 8'-2"	13/AP511		1
E2	(DNE) DO NOT ENTER (DNE)	14/AP511		1

SIGN SCHEDULE - VEHICULAR SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
V1	Park →	1/AP512		1
V2	← Park	2/AP512		1
V3	← Park →	3/AP512		4
V4	Exit →	4/AP512		2
V5	← Exit	5/AP512		3
V6	↑ Park (ST) Exit →	6/AP512		1
V7	← Exit (ST) Park ↑	7/AP512		1

SIGN SCHEDULE - REGULATORY SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
R1	ADA	1/AP513		5
R2	ADA Van	2/AP513		2
R3	EV PARKING	3/AP513		10
R4	NO PEDESTRIANS	4/AP513		4
R5	NO PARKIING	5/AP513		4
R6	LIVE LOADS...	6/AP513		1

SIGN SCHEDULE - PEDESTRIAN SIGNS

SIGN LEGEND MARK	SIGN MESSAGE	DETAIL NUMBER	SPEC TYPE	TOTAL COUNT
P1	STAIR	8/AP512		6
P2	STAIR-ELEVATOR	9/AP512		5

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PROJECT

UPTOWN CONNECT
INDIAN SCHOOL ROAD NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	EJR
REVIEWED BY	RTS
DATE	06/14/2024
PROJECT NO	xxxx.xx.xxx

DRAWING NAME

LOWER LEVEL 1 - ARCHITECTURAL PARKING

SHEET NO

AP102

6/13/2024 1:47:27 PM

1 **LEVEL 1 - STREET LEVEL**
1/16" = 1'-0"

NORTH

SHEET NOTES:

NO	SYMB	NOTE
1		REPRESENTS PLAN MATCH LINE.
2		ALL JOINTS BETWEEN STRUCTURAL (AND ARCHITECTURAL) MEMBERS SHALL BE PROPERLY PREPARED AND FILLED WITH JOINT SEALANT UNLESS NOTED OTHERWISE. ALL JOINT EDGES, INCLUDING TOP AND BOTTOM OF HORIZONTAL SURFACES AND BOTH FACES OF VERTICAL SURFACES, SHALL BE FORMED OR TOOLED AS REQUIRED BY THE STRUCTURAL DRAWINGS. JOINT SEALANT SHALL BE APPLIED ONLY TO TOP OF HORIZONTAL SURFACES AND BOTH FACES OF VERTICAL SURFACES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3		JOINTS TO BE PREPARED AND SEALED INCLUDE, BUT ARE NOT LIMITED TO: CONSTRUCTION JOINTS, CONTROL JOINTS, ISOLATION JOINTS AND ALL INTERFACES BETWEEN SIMILAR AND DISSIMILAR MEMBERS. SPECIFIC LOCATIONS ARE SHOWN ON THE DRAWINGS, BUT ADDITIONAL LOCATIONS MAY BE REQUIRED BY THE SHOP DRAWINGS OR MAY OCCUR DUE TO THE CONSTRUCTION SEQUENCE SELECTED BY CONTRACTOR. REFER TO AW5.01 FOR WATERPROOFING DETAILS.
4		INDICATES HEAVY DUTY TRAFFIC BEARING MEMBRANE (DECK COATING), REFER TO DETAIL 15/AW5.01 AND SPECIFICATION SECTION 07 18 00. APPLY TO SUPPORTED SLAB SURFACES AS INDICATED ON THE PLANS AND EXTEND 4" UP VERTICAL SURFACES, INCLUDING WALLS, PANELS, COLUMNS, CURBS, PIPES, ETC.
5		THE SLABS SHALL BE REVIEWED FOR CRACKS. THE CRACKS SHALL BE REPAIRED BY ROUTING AND SEALING OR EPOXY INJECTION SUBJECT TO THE APPROVAL OF THE ENGINEER. REFER TO DETAILS 11 & 12/AW5.01 FOR PROFILE OF ROUTED CRACK.
6		LEAKING ATTRIBUTED TO DEFECTIVE TRAFFIC BEARING MEMBRANE, JOINT SEALANTS, OR EXPANSION JOINT SEALANT SYSTEMS SHALL BE CORRECTED BY REPAIRING THE WATERPROOFING SYSTEM IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.
7		STRUCTURAL AND ARCHITECTURAL COMPONENTS SHOWN ARE FOR REFERENCE ONLY. REFER TO STRUCTURAL AND ARCHITECTURAL DISCIPLINE DRAWINGS.
8	CJ	INDICATES CONSTRUCTION OR CONTROL JOINT. REFER TO STRUCTURAL PLANS FOR ADDITIONAL INFO.
9		FOR PIPE PENETRATION DETAIL, REFER TO DETAILS 20 & 21/AW5.01.
10		ALL FLOOR DRAINS IN PARKING AREAS SHALL HAVE SEALANT AROUND THE PERIMETER INTERFACE WITH CONCRETE FLOOR SLAB. REFER TO DETAIL 13/AW5.01.
11	AD	INDICATES AREA DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION
12	TD	INDICATES TRENCH DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

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PROJECT

UPTOWN CONNECT
INDIAN SCHOOL ROAD NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	EJR
REVIEWED BY	RTS
DATE	06/14/24
PROJECT NO	xxxx.xx.xxx

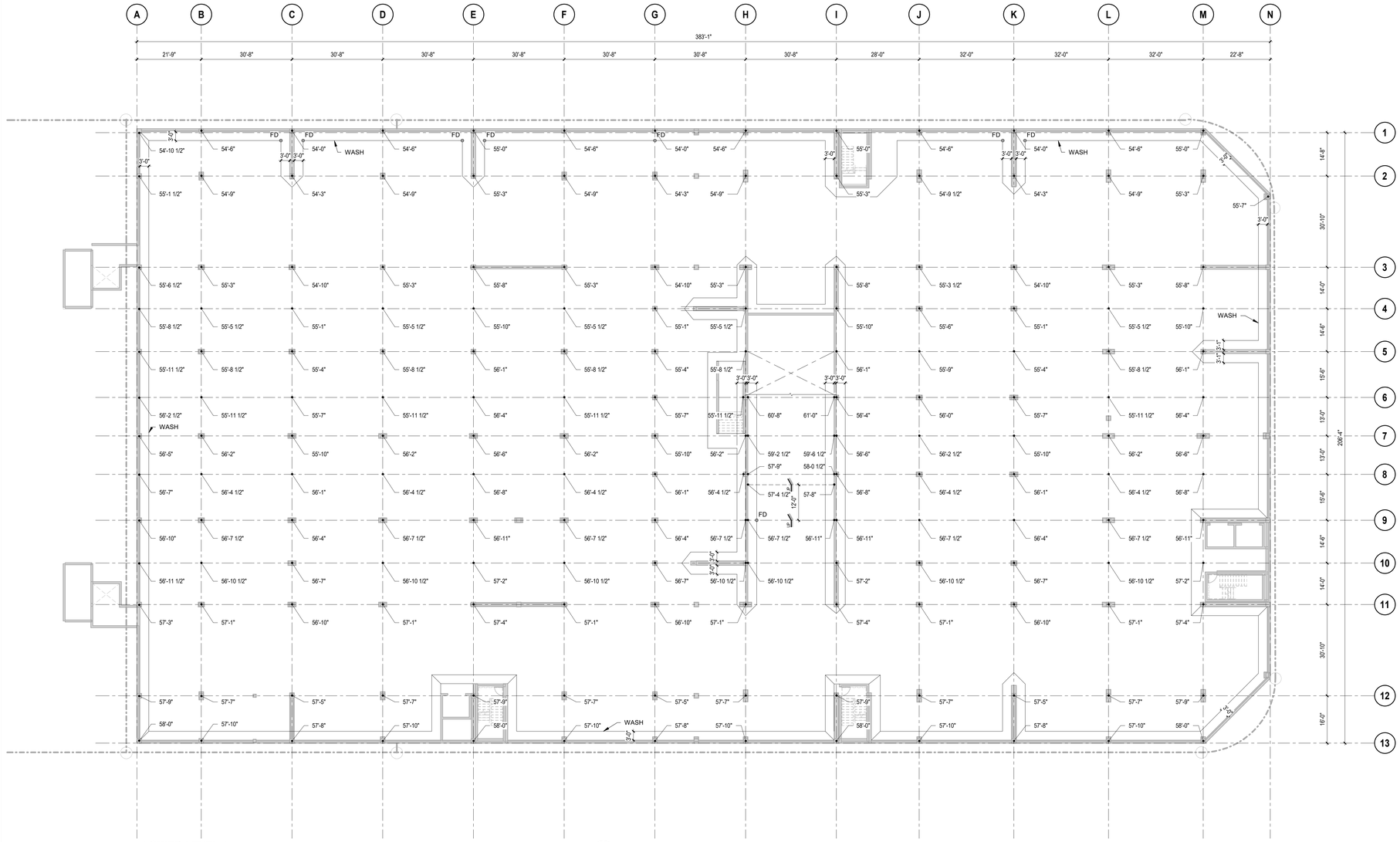
DRAWING NAME

LEVEL 1 - ARCHITECTURAL WATERPROOFING

SHEET NO

AW101

6/13/2024 1:47:32 PM



1 **LOWER LEVEL 1**
1/16" = 1'-0"

NORTH

SHEET NOTES:

NO	SYMB	NOTE
1		REPRESENTS PLAN MATCH LINE.
2		ALL JOINTS BETWEEN STRUCTURAL (AND ARCHITECTURAL) MEMBERS SHALL BE PROPERLY PREPARED AND FILLED WITH JOINT SEALANT UNLESS NOTED OTHERWISE. ALL JOINT EDGES, INCLUDING TOP AND BOTTOM OF HORIZONTAL SURFACES AND BOTH FACES OF VERTICAL SURFACES, SHALL BE FORMED OR TOOLED AS REQUIRED BY THE STRUCTURAL DRAWINGS. JOINT SEALANT SHALL BE APPLIED ONLY TO TOP OF HORIZONTAL SURFACES AND BOTH FACES OF VERTICAL SURFACES UNLESS NOTED OTHERWISE ON THE DRAWINGS.
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12	TD	INDICATES TRENCH DRAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION

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OWNER REVIEW

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DRAWN BY	EJR
REVIEWED BY	RTS
DATE	06/14/2024
PROJECT NO	xxxx.xx.xxx

DRAWING NAME

LOWER LEVEL 1 - ARCHITECTURAL WATERPROOFING

SHEET NO

AW102

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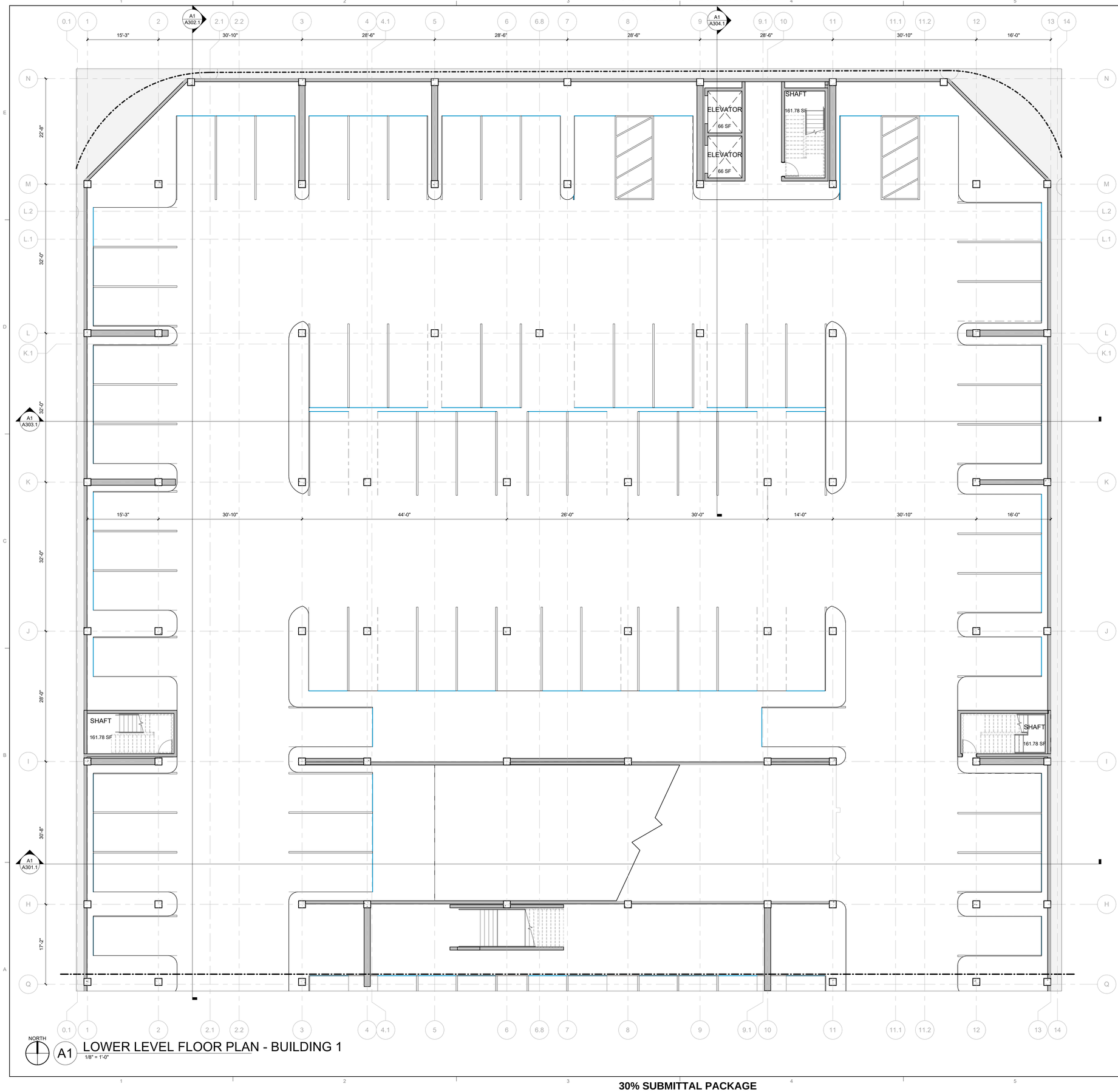

NORTH

A1 LOWER LEVEL FLOOR PLAN - BUILDING 1

1/8" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. PROVIDE BACKING FOR ATTACHING WALL MOUNTED ITEMS.
C. SEE AE010 FOR PARTITION TYPES.
D. DOOR FRAMES TO BE 4-1/2 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
E. SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
F. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN

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DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LOWER LEVEL - FLOOR PLAN

SHEET NO

A100.1

6/14/2024 2:44:24 PM

NORTH

A1 LEVEL 1 FLOOR PLAN - BUILDING 1

1/8" = 1'-0"

6/14/2024 2:44:27 PM

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
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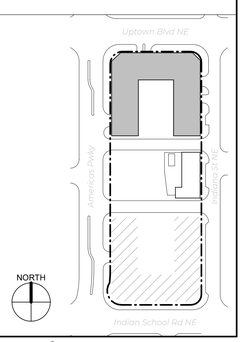
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 1 - FLOOR PLAN

SHEET NO

A101.1

NORTH

A1 LEVEL 2 FLOOR PLAN - BUILDING 1

1/8" = 1'-0"

GENERAL SHEET NOTES

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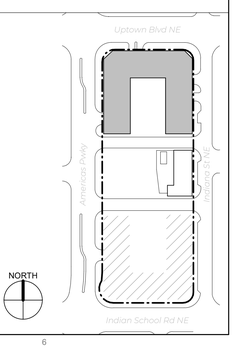
C. SEE AE010 FOR PARTITION TYPES.
D. DOOR FRAMES TO BE 4-1/2 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
E. SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
F. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 2 - FLOOR PLAN

SHEET NO

A102.1

6/14/2024 2:44:33 PM

NORTH

A1 LEVEL 3 FLOOR PLAN - BUILDING 1
1/8" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
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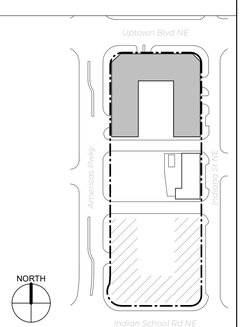
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 3 - FLOOR PLAN

SHEET NO

A103.1

6/14/2024 2:44:42 PM

NORTH

A1 LEVEL 4 FLOOR PLAN - BUILDING 1

1/8" = 1'-0"

6/14/2024 2:44:45 PM

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
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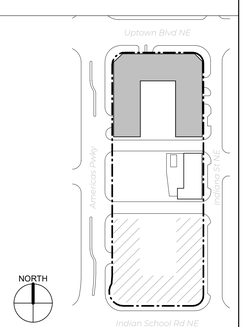
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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OWNER REVIEW

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DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 4 - FLOOR PLAN

SHEET NO

A104.1

NORTH

A1 LEVEL 5 FLOOR PLAN - BUILDING 1
1/8" = 1'-0"

6/14/2024 2:44:48 PM

GENERAL SHEET NOTES

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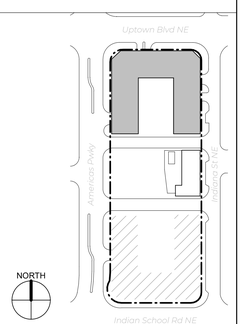
SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



DEKKER PERICH SABATINI

Architecture in Progress

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SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

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DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 5 - FLOOR PLAN

SHEET NO

A105.1

NORTH

A1 LEVEL 6 FLOOR PLAN - BUILDING 1

1/8" = 1'-0"

6/14/2024 2:44:52 PM

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
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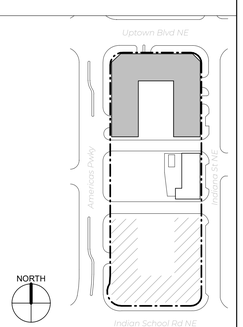
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



DEKKER PERICH SABATINI

Architecture in Progress

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UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

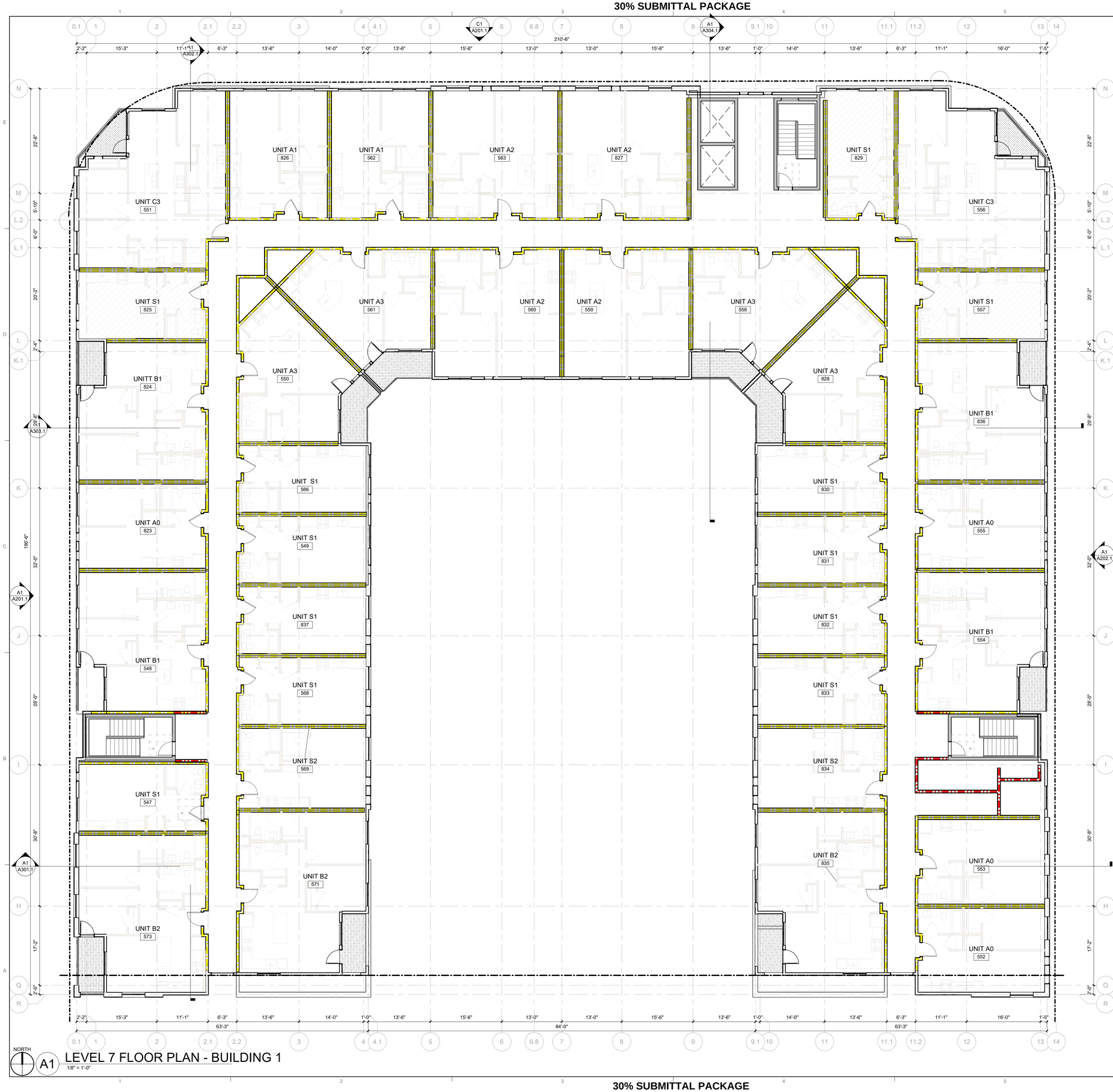
DRAWN BY	-
REVIEWED BY	Approver
DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - LEVEL 6 - FLOOR PLAN

SHEET NO

A106.1



NORTH

A1 LEVEL 7 FLOOR PLAN - BUILDING 1
1/8" = 1'-0"

6/14/2024 2:44:55 PM

30% SUBMITTAL PACKAGE

GENERAL SHEET NOTES

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SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

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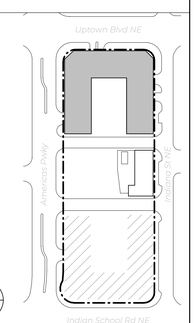

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DATE	06/14/2024
PROJECT NO	20-0010

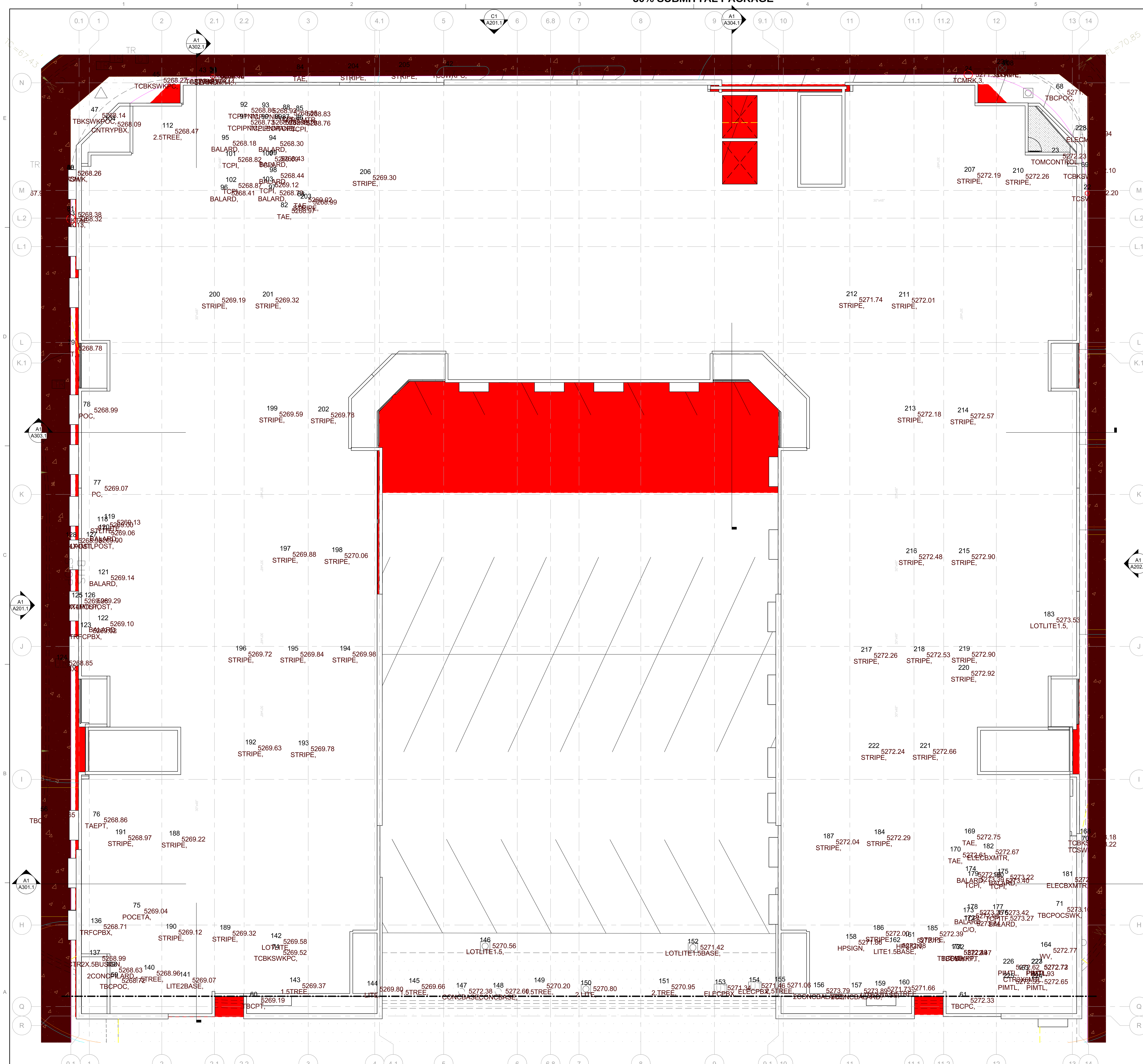
DRAWING NAME

BUILDING 1 - LEVEL 7 - FLOOR PLAN

SHEET NO

A107.1

30% SUBMITTAL PACKAGE



NORTH

A1 ROOF PLAN - BUILDING 1

1/8" = 1'-0"

6/14/2024 2:45:18 PM

GENERAL SHEET NOTES

A. ROOF CRICKET SLOPE IS 1/2 INCH PER FOOT, UNLESS NOTED OTHERWISE.
B. FORM DRAIN SUMP WITH TAPERED RIGID INSULATION AT ROOF DRAINS.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN

DEKKER PERICH SABATINI

Architecture in Progress

SEAL

NOT FOR CONSTRUCTION

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	-
REVIEWED BY	Approver
DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - ROOF PLAN

SHEET NO

A141.1

C1 NORTH ELEVATION - BUILDING 1
1/8" = 1'-0"

A1 WEST ELEVATION - BUILDING 1
1/8" = 1'-0"

GENERAL SHEET NOTES

A. PAINT WALL AND ROOF MOUNTED EQUIPMENT/ITEMS THAT ARE NOT PRE-FINISHED TO MATCH COLOR OF ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
B. SEE REFLECTED CEILING PLANS FOR EXTERIOR SOFFIT HEIGHTS.
C. MAKE CHANGES IN FINISH COLOR AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

FINISH MATERIAL / COLOR

FINISH MATERIAL / COLOR

KEY PLAN

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DRAWING NAME

BUILDING 1 - EXTERIOR ELEVATIONS

SHEET NO

A201.1

6/14/2024 2:45:22 PM

C1 SOUTH ELEVATION - BUILDING 1
1/8" = 1'-0"

A1 EAST ELEVATION - BUILDING 1
1/8" = 1'-0"

GENERAL SHEET NOTES

A. PAINT WALL AND ROOF MOUNTED EQUIPMENT/ITEMS THAT ARE NOT PRE-FINISHED TO MATCH COLOR OF ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
B. SEE REFLECTED CEILING PLANS FOR EXTERIOR SOFFIT HEIGHTS.
C. MAKE CHANGES IN FINISH COLOR AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

FINISH MATERIAL / COLOR

FINISH MATERIAL / COLOR

KEY PLAN

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PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - EXTERIOR ELEVATIONS

SHEET NO

A202.1

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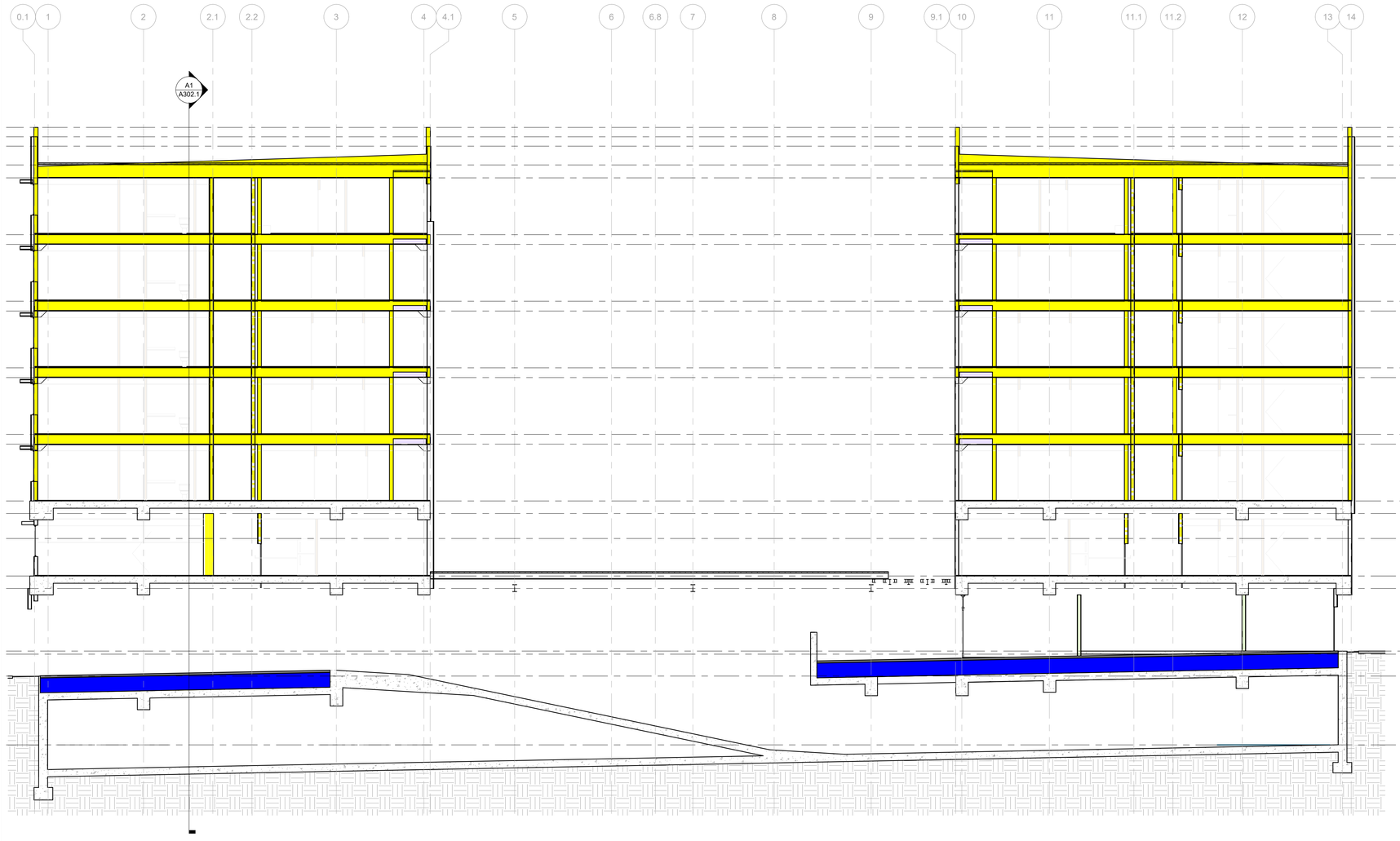

A1 CONCEPTUAL BUILDING SECTION THROUGH RAMP
1/8" = 1'-0"

GENERAL SHEET NOTES

A. MECHANICAL, ELECTRICAL AND PLUMBING RELATED ITEMS ARE SHOWN FOR REFERENCE ONLY.

SHEET KEYNOTES

REFERENCE KEYNOTES

KEY PLAN

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PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - BUILDING SECTIONS

SHEET NO

A301.1

6/14/2024 2:45:29 PM

A1 BUILDING SECTION - BUILDING 1
1/8" = 1'-0"

GENERAL SHEET NOTES

A. MECHANICAL, ELECTRICAL AND PLUMBING RELATED ITEMS ARE SHOWN FOR REFERENCE ONLY.

SHEET KEYNOTES

REFERENCE KEYNOTES

KEY PLAN

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OWNER REVIEW

REVISIONS

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REVIEWED BY	Approver
DATE	06/14/2024
PROJECT NO	20-0010

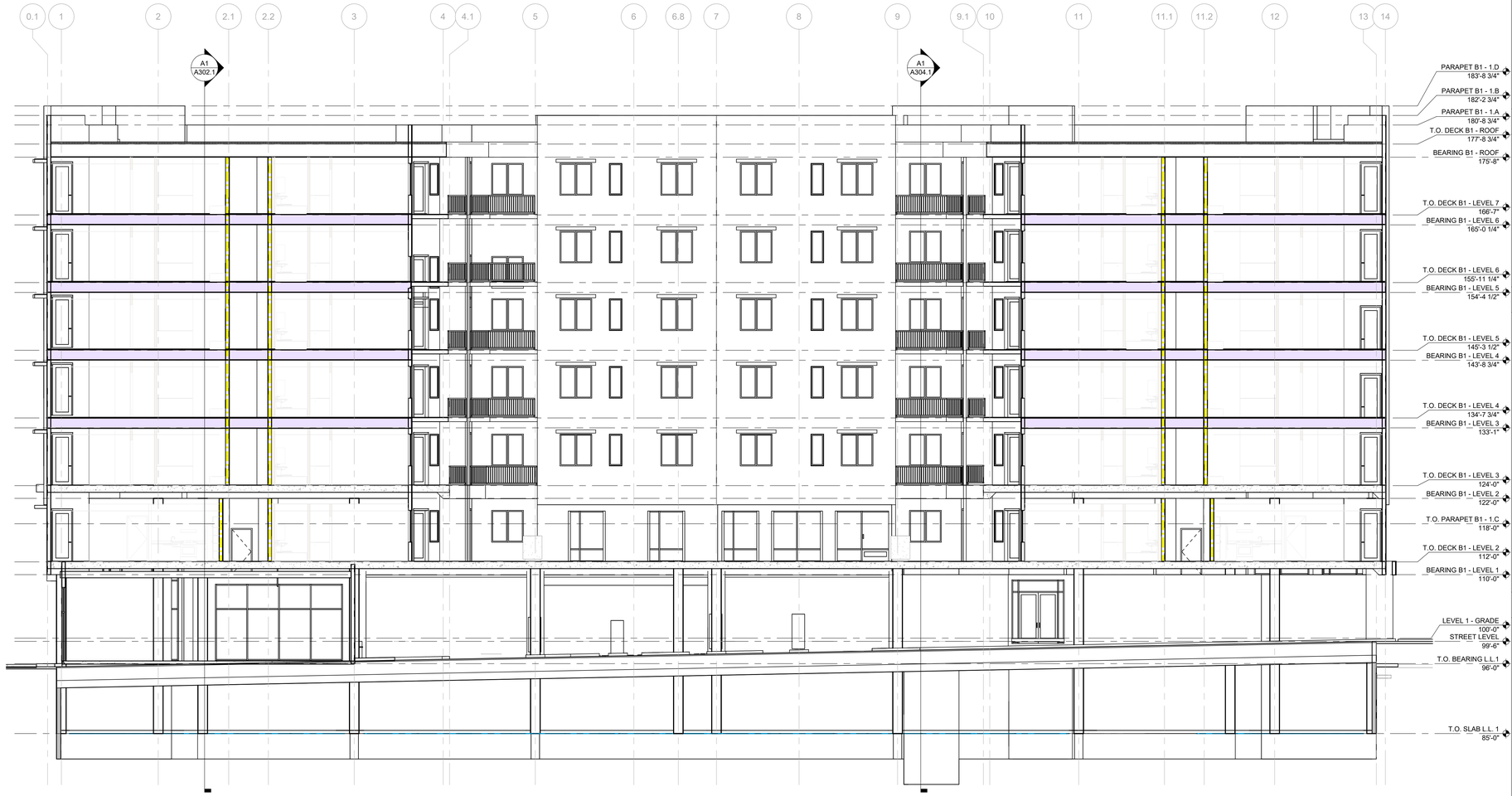
DRAWING NAME

BUILDING 1 - BUILDING SECTIONS

SHEET NO

A302.1

6/14/2024 2:45:35 PM



A1 BUILDING SECTION
1/8" = 1'-0"

GENERAL SHEET NOTES

A. CEILINGS TO BE AT X'-X" ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE.
B. SUSPENDED CEILING GRIDS TO BE CENTERED IN ROOM, UNLESS NOTED OTHERWISE.
C. SPRINKLER HEADS TO BE CENTERED IN TILE OR SOFFIT.
D. GYPSUM BOARD CEILINGS TO BE PAINTED P-X, UNLESS NOTED OTHERWISE.
E. PAINT VERTICAL FACE(S) OF SOFFITS TO MATCH UNDERSIDE, UNLESS NOTED OTHERWISE.
F. SOFFITS TO ALIGN WITH FACE OF ADJACENT WALL, UNLESS NOTED OTHERWISE.
G. AREAS NOTED OPEN TO STRUCTURE(OTS) TO BE PAINTED P-X; THIS INCLUDES EXPOSED STRUCTURE, MECHANICAL DUCTWORK, AND ELECTRICAL CONDUIT, UNLESS NOTED OTHERWISE.
H. DIMENSIONS ARE TO FINISHED FACE OR GRID LINE, UNLESS NOTED OTHERWISE.
I. GYPSUM BOARD ON VERTICAL FACE OF SOFFITS IN OPEN TO STRUCTURE LOCATIONS TO EXTEND TO BOTTOM OF DECK ABOVE.
J. LIGHT FIXTURES AND OTHER CEILING MOUNTED EQUIPMENT ARE DIMENSIONED TO CENTERLINE, UNLESS NOTED OTHERWISE.
K. ACCESS PANELS TO BE PAINTED TO MATCH ADJACENT FINISH.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

- REFER TO UNIT PLAN SHEETS AE4XX FOR REFLECTED CEILING PLAN
- FINISHED GYPSUM BOARD AT CEILING
- STUCCO SOFFIT
- 2x4 LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
- DOWN LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
- 2x2 RETURN AIR DIFFUSER, REFER TO MECHANICAL DRAWINGS
- 2x2 SUPPLY AIR DIFFUSER, REFER TO MECHANICAL DRAWINGS

KEY PLAN

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DATE	06/14/2024
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - BUILDING SECTIONS

SHEET NO

A303.1

6/14/2024 2:45:40 PM

A1 BUILDING SECTION
1/8" = 1'-0"

NORTH

GENERAL SHEET NOTES

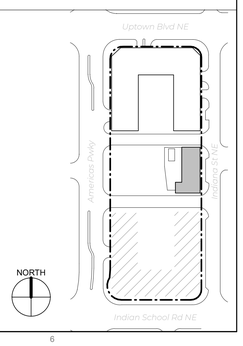
A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. PROVIDE BACKING FOR ATTACHING WALL MOUNTED ITEMS.
C. SEE AE010 FOR PARTITION TYPES.
D. DOOR FRAMES TO BE 4-1/2 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
E. SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
F. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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REVISIONS

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DATE	09/08/23
PROJECT NO	20-0010

DRAWING NAME

BUILDING 1 - BUILDING SECTIONS

SHEET NO

A304.1

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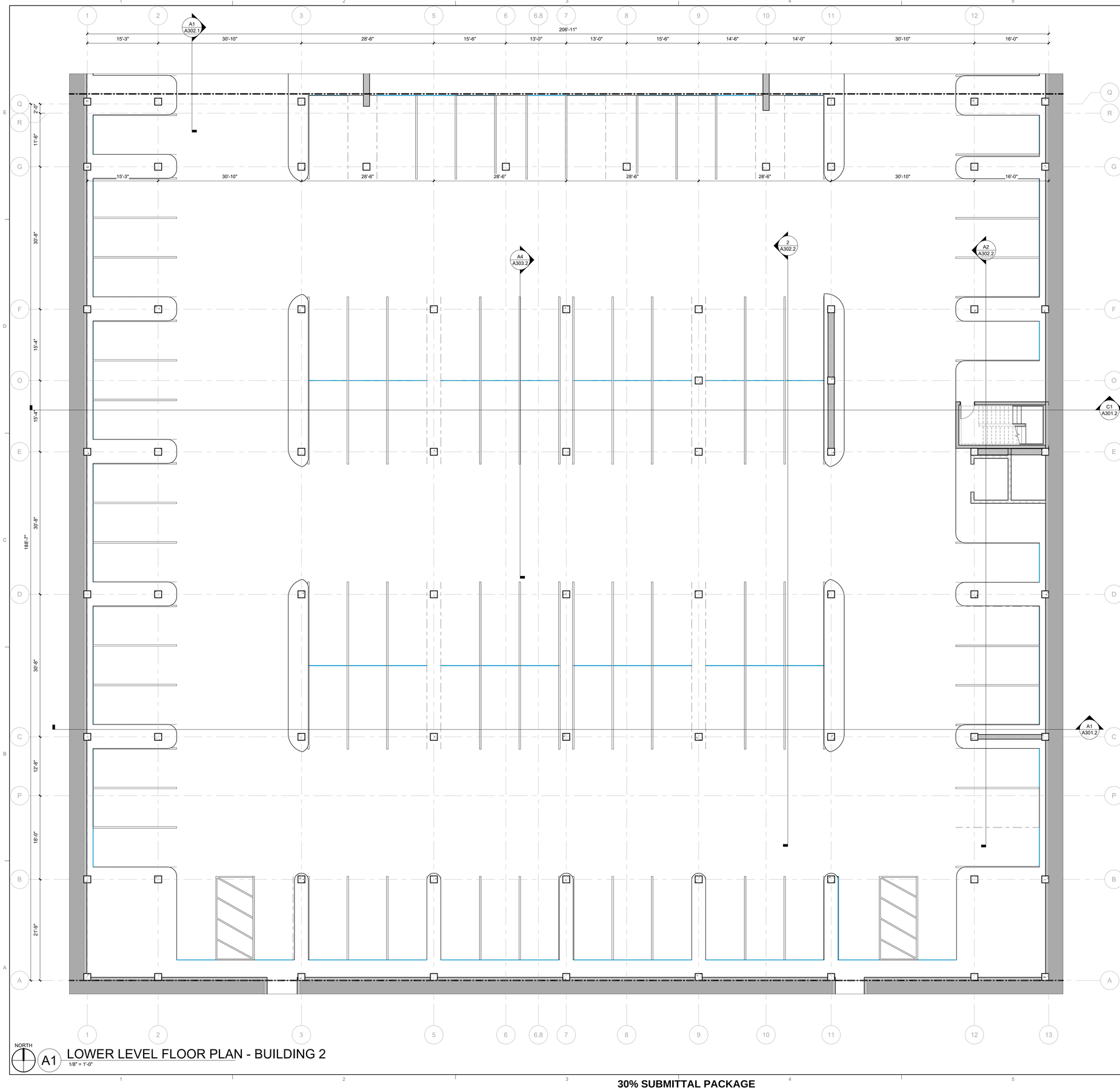

NORTH

A1 LOWER LEVEL FLOOR PLAN - BUILDING 2
1/8" = 1'-0"

6/14/2024 2:45:46 PM

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. PROVIDE BACKING FOR ATTACHING WALL MOUNTED ITEMS.
C. SEE AE010 FOR PARTITION TYPES.
D. DOOR FRAMES TO BE 4-1/2 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
E. SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
F. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN

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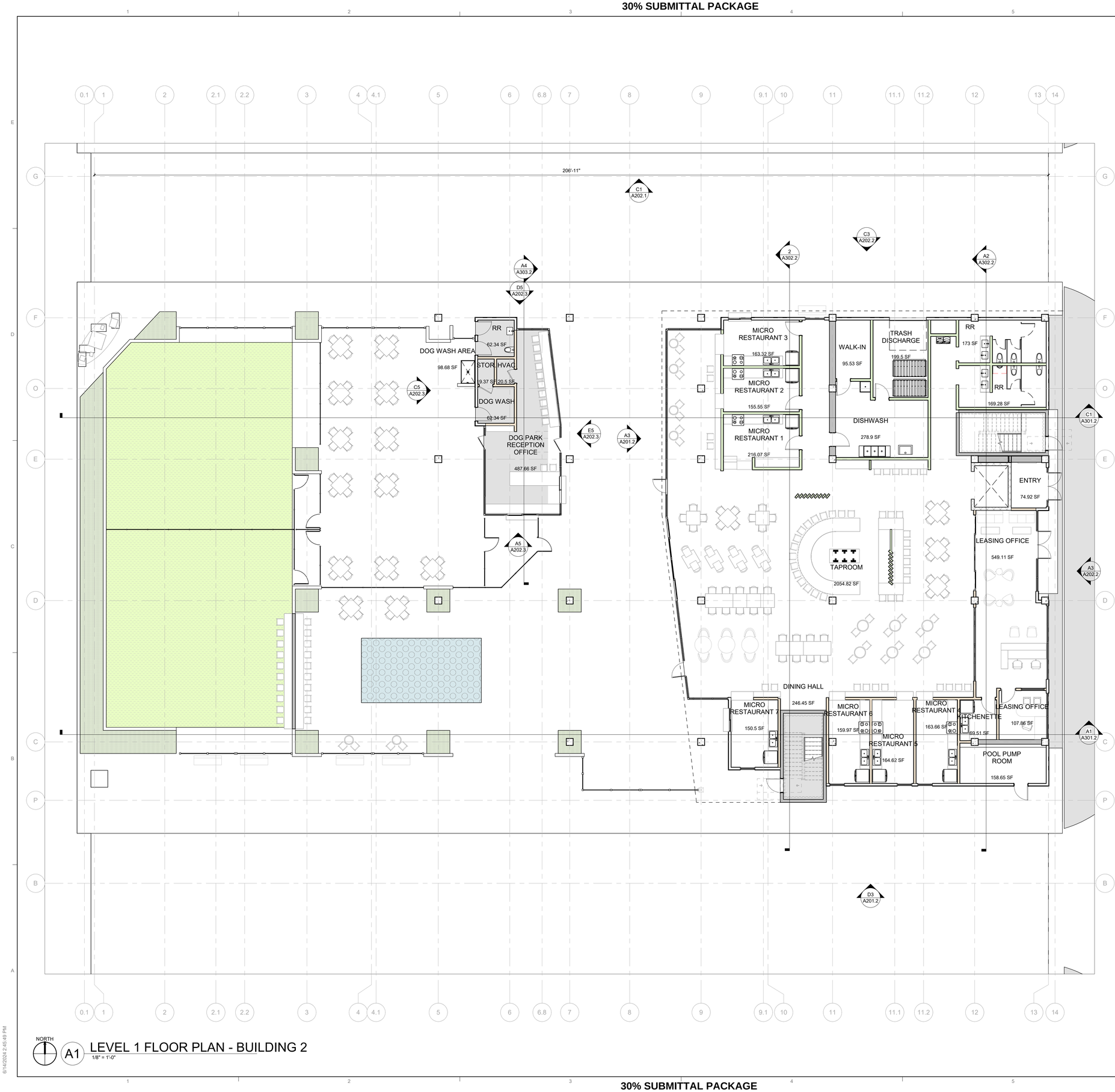
DRAWING NAME

BUILDING 2 - LOWER LEVEL - FLOOR PLAN

SHEET NO

A100.2



NORTH

A1 LEVEL 1 FLOOR PLAN - BUILDING 2

1/8" = 1'-0"

GENERAL SHEET NOTES

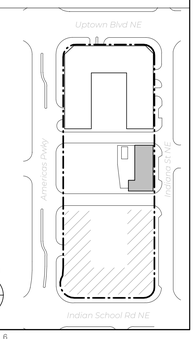
A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. PROVIDE BACKING FOR ATTACHING WALL MOUNTED ITEMS.
C. SEE AE010 FOR PARTITION TYPES.
D. DOOR FRAMES TO BE 4-1/2 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
E. SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
F. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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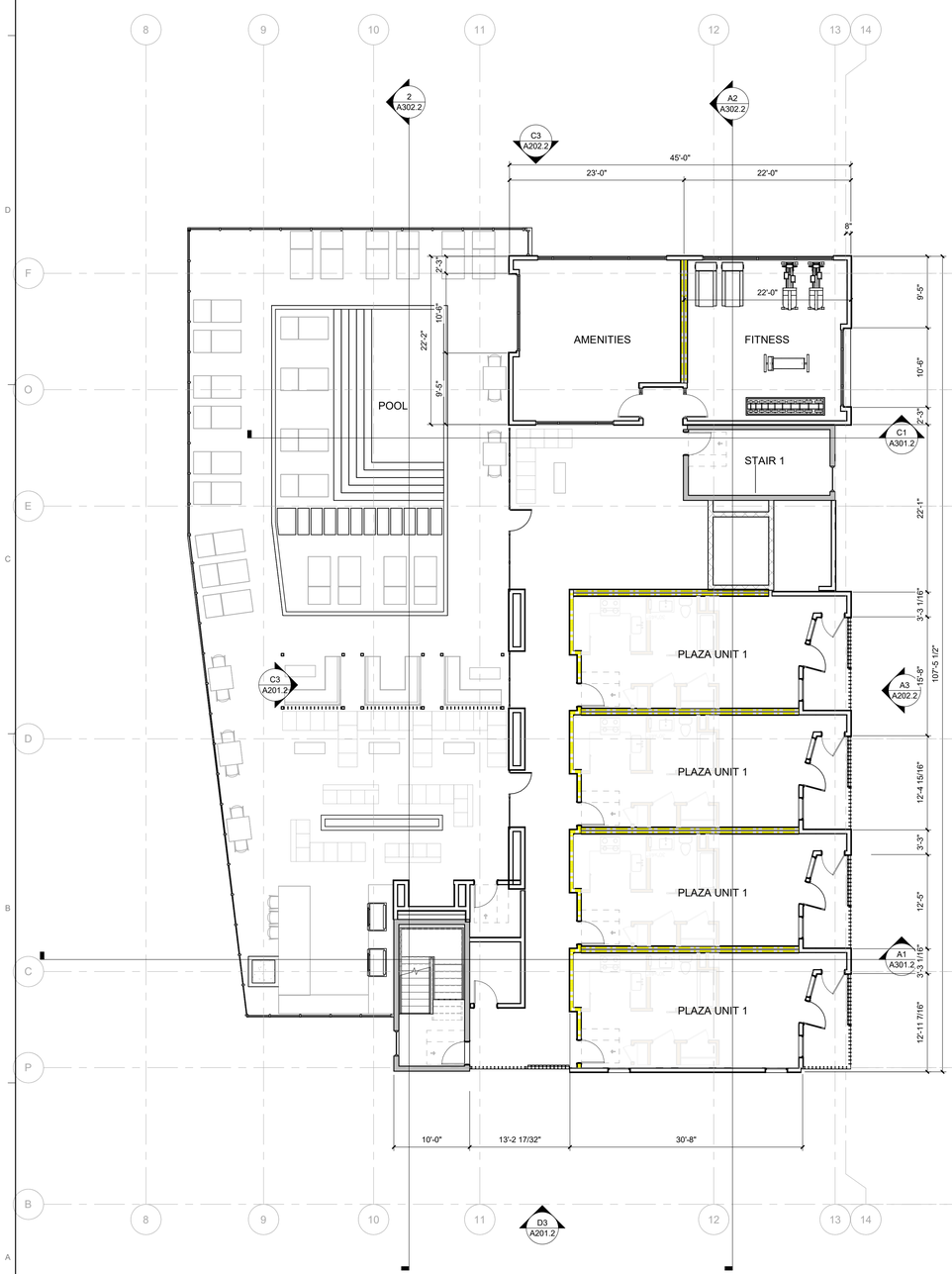
DRAWING NAME

BUILDING 2 - LEVEL 1 - FLOOR PLAN

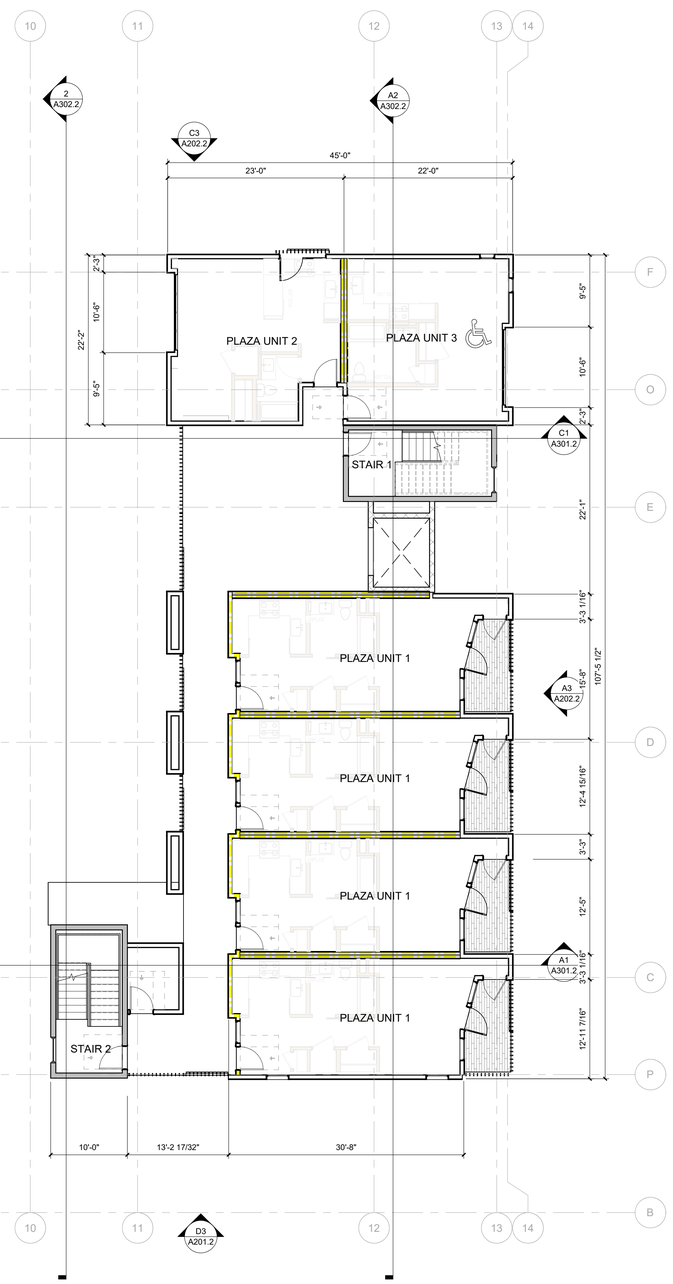
SHEET NO

A101.2

6/14/2024 2:45:49 PM



NORTH A1 BUILDING 2 - LEVEL 2 - FLOOR PLAN
1/8" = 1'-0"



NORTH A4 BUILDING 2 - LEVEL 3 - FLOOR PLAN
1/8" = 1'-0"

GENERAL SHEET NOTES

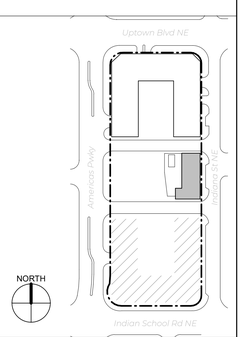
A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. PROVIDE BACKING FOR ATTACHING WALL MOUNTED ITEMS.
C. SEE AE010 FOR PARTITION TYPES.
D. DOOR FRAMES TO BE 4-1/2 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
E. SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
F. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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OWNER REVIEW

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PROJECT NO	20-0010

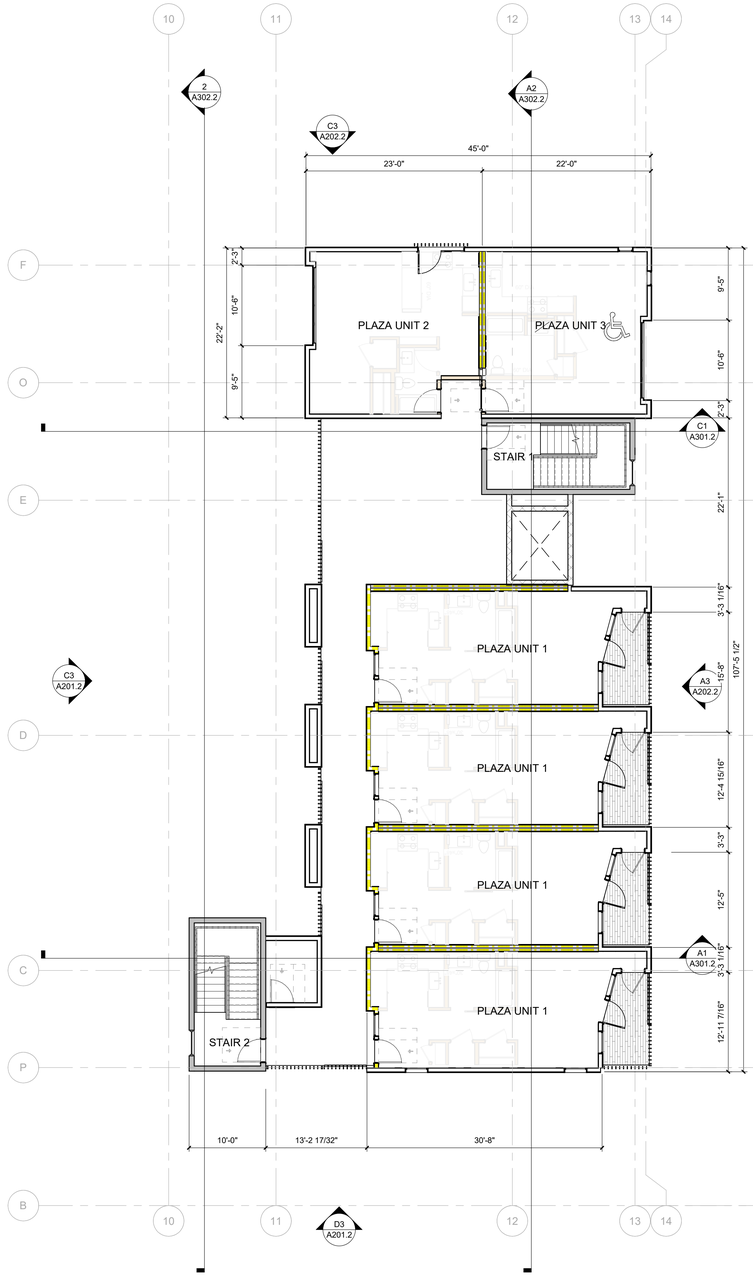
DRAWING NAME

BUILDING 2 - LEVELS 2 AND 3 - FLOOR PLAN

SHEET NO

A102.2

6/14/2024 2:45:54 PM



NORTH A1 BUILDING 2 - LEVEL 4 - FLOOR PLAN
1/8" = 1'-0"

NORTH A4 BUILDING 2 - LEVEL 5 - FLOOR PLAN
1/8" = 1'-0"

GENERAL SHEET NOTES

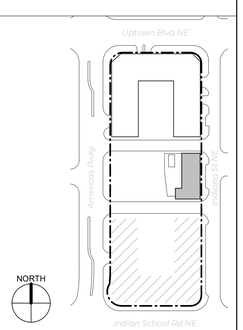
A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. PROVIDE BACKING FOR ATTACHING WALL MOUNTED ITEMS.
C. SEE AE010 FOR PARTITION TYPES.
D. DOOR FRAMES TO BE 4-1/2 INCHES FROM ADJACENT WALL, UNLESS NOTED OTHERWISE.
E. SEE ENLARGED PLANS FOR DIMENSIONS NOT SHOWN ON THIS SHEET.
F. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
G. SEE AE090 FOR EXTERIOR WALL, CEILING/SOFFIT AND ROOF ASSEMBLIES.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

KEY PLAN



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DRAWING NAME

BUILDING 2 - LEVELS 4 AND 5 - FLOOR PLAN

SHEET NO

A103.2

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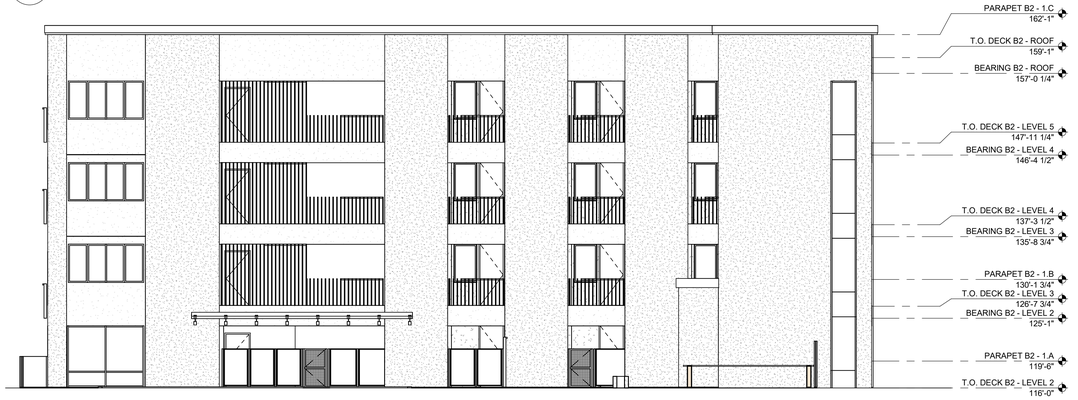
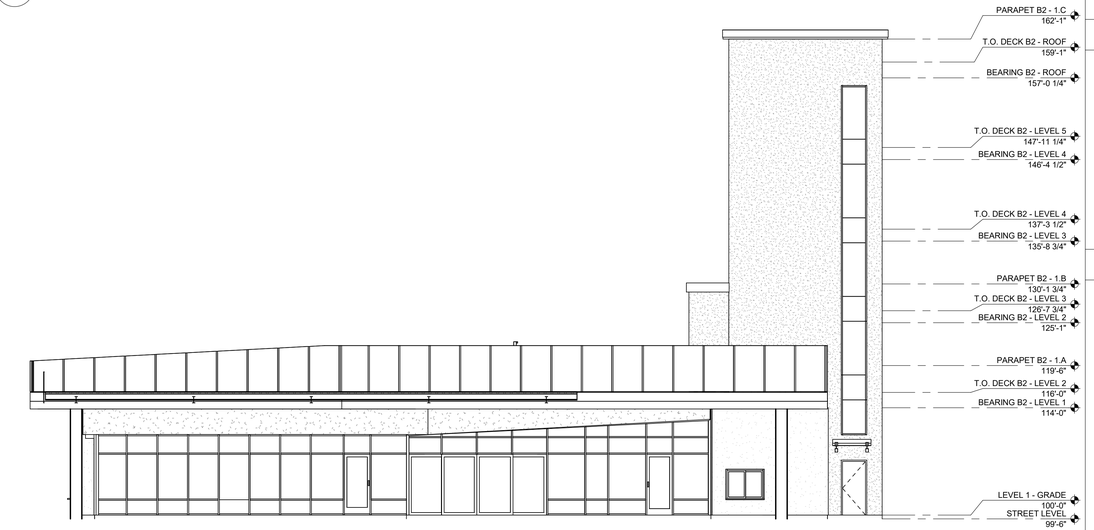
D3 SOUTH ELEVATION - BUILDING 2
1/8" = 1'-0"



C3 WEST ELEVATION - BUILDING 2
1/8" = 1'-0"



A3 WEST ELEVATION - BUILDING 2 LOWER LEVEL
1/8" = 1'-0"

GENERAL SHEET NOTES

A. PAINT WALL AND ROOF MOUNTED EQUIPMENT/ITEMS THAT ARE NOT PRE-FINISHED TO MATCH COLOR OF ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
B. SEE REFLECTED CEILING PLANS FOR EXTERIOR SOFFIT HEIGHTS.
C. MAKE CHANGES IN FINISH COLOR AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.

SHEET KEYNOTES

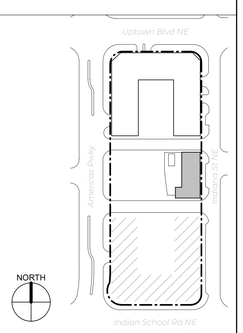
REFERENCE KEYNOTES

LEGEND

FINISH MATERIAL / COLOR

FINISH MATERIAL / COLOR

KEY PLAN



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PROJECT NO	20-0010

DRAWING NAME

BUILDING 2 - EXTERIOR ELEVATIONS

SHEET NO

A201.2

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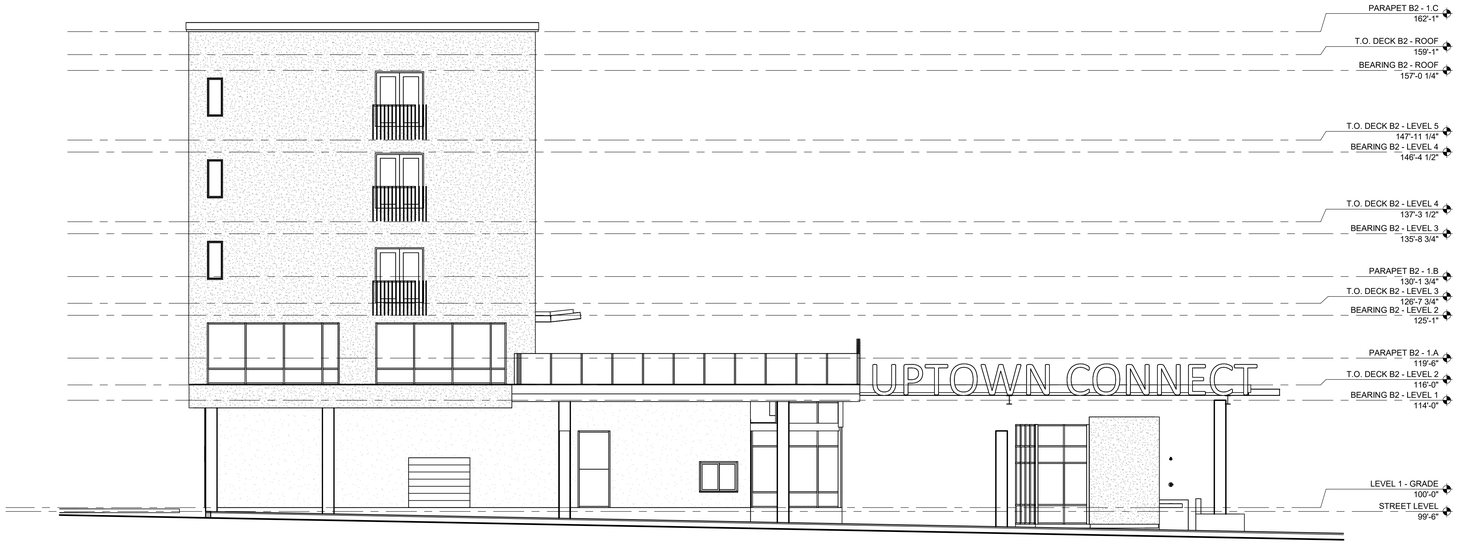

C3 NORTH ELEVATION - BUILDING 2
1/8" = 1'-0"

A3 EAST ELEVATION - BUILDING 2
1/8" = 1'-0"

GENERAL SHEET NOTES

A. PAINT WALL AND ROOF MOUNTED EQUIPMENT/ITEMS THAT ARE NOT PRE-FINISHED TO MATCH COLOR OF ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
B. SEE REFLECTED CEILING PLANS FOR EXTERIOR SOFFIT HEIGHTS.
C. MAKE CHANGES IN FINISH COLOR AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

LEGEND

FINISH MATERIAL / COLOR

FINISH MATERIAL / COLOR

KEY PLAN

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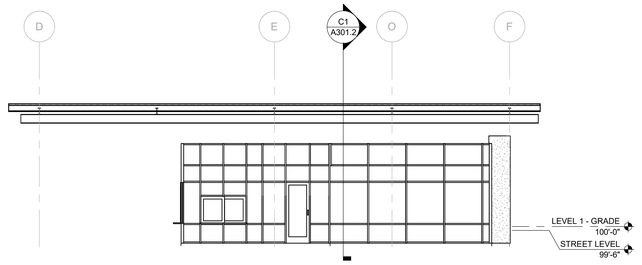
DRAWING NAME

BUILDING 2 - EXTERIOR ELEVATIONS

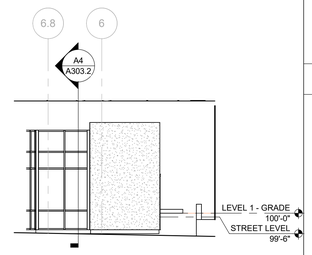
SHEET NO

A202.2

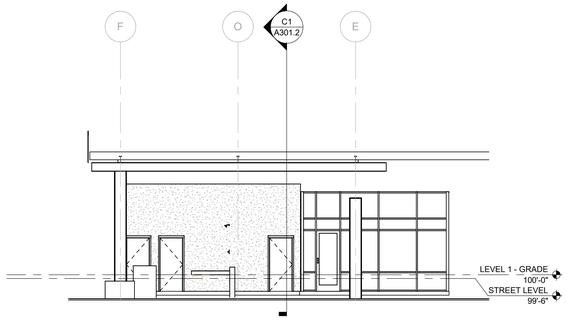
6/14/2024 2:46:17 PM



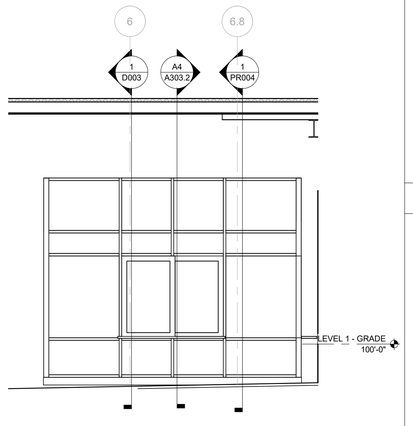
E5 EAST ELEVATION - DOG PARK OFFICE
1/8" = 1'-0"



D5 NORTH ELEVATION - DOG PARK OFFICE
1/8" = 1'-0"



C5 WEST ELEVATION - DOG PARK RECREATION OFFICE
1/8" = 1'-0"



A5 SOUTH ELEVATION - DOG PARK OFFICE
1/4" = 1'-0"

GENERAL SHEET NOTES

A. PAINT WALL AND ROOF MOUNTED EQUIPMENT/ITEMS THAT ARE NOT PRE-FINISHED TO MATCH COLOR OF ADJACENT SURFACE, UNLESS NOTED OTHERWISE.
B. SEE REFLECTED CEILING PLANS FOR EXTERIOR SOFFIT HEIGHTS.
C. MAKE CHANGES IN FINISH COLOR AT INSIDE CORNERS, UNLESS NOTED OTHERWISE.

SHEET KEYNOTES

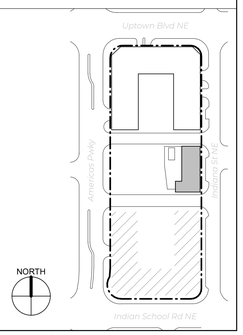
REFERENCE KEYNOTES

LEGEND

FINISH MATERIAL / COLOR

FINISH MATERIAL / COLOR

KEY PLAN



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OWNER REVIEW

REVISIONS

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DATE	06/14/2024
PROJECT NO	20-0010

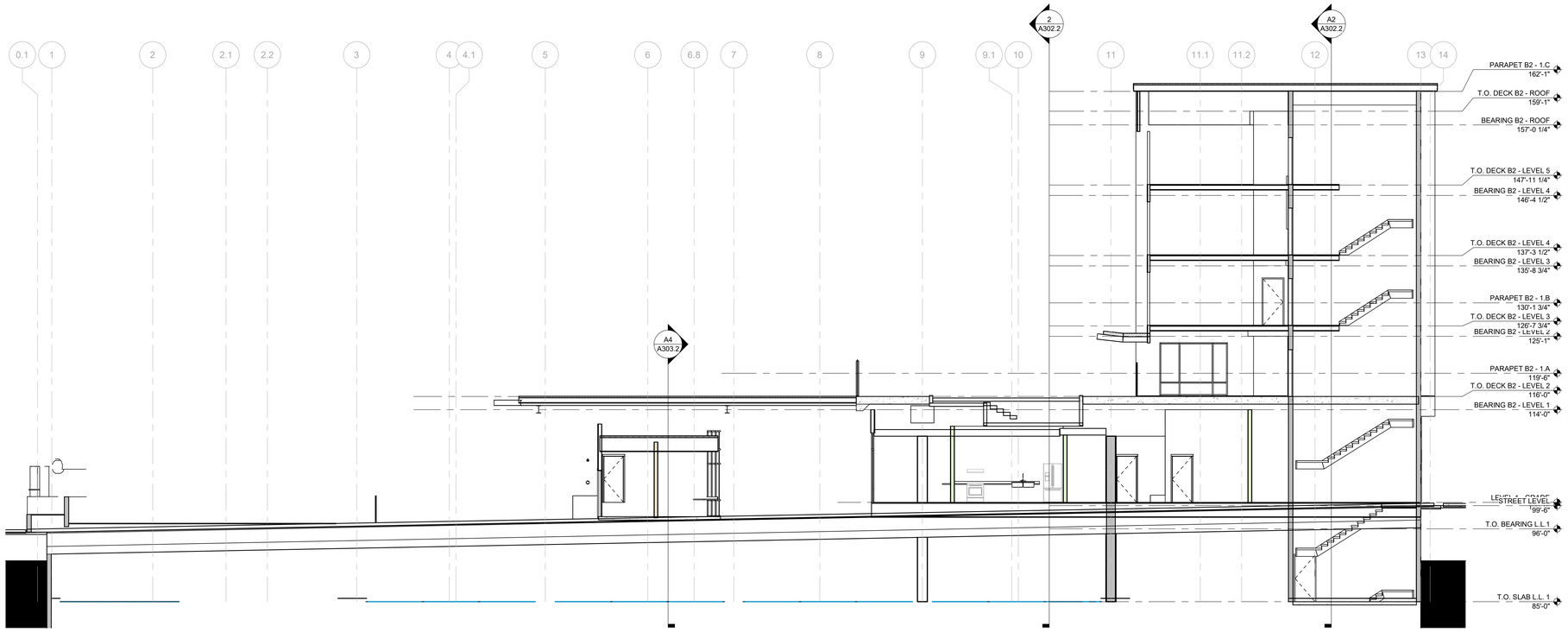
DRAWING NAME

BUILDING 2 - EXTERIOR ELEVATIONS

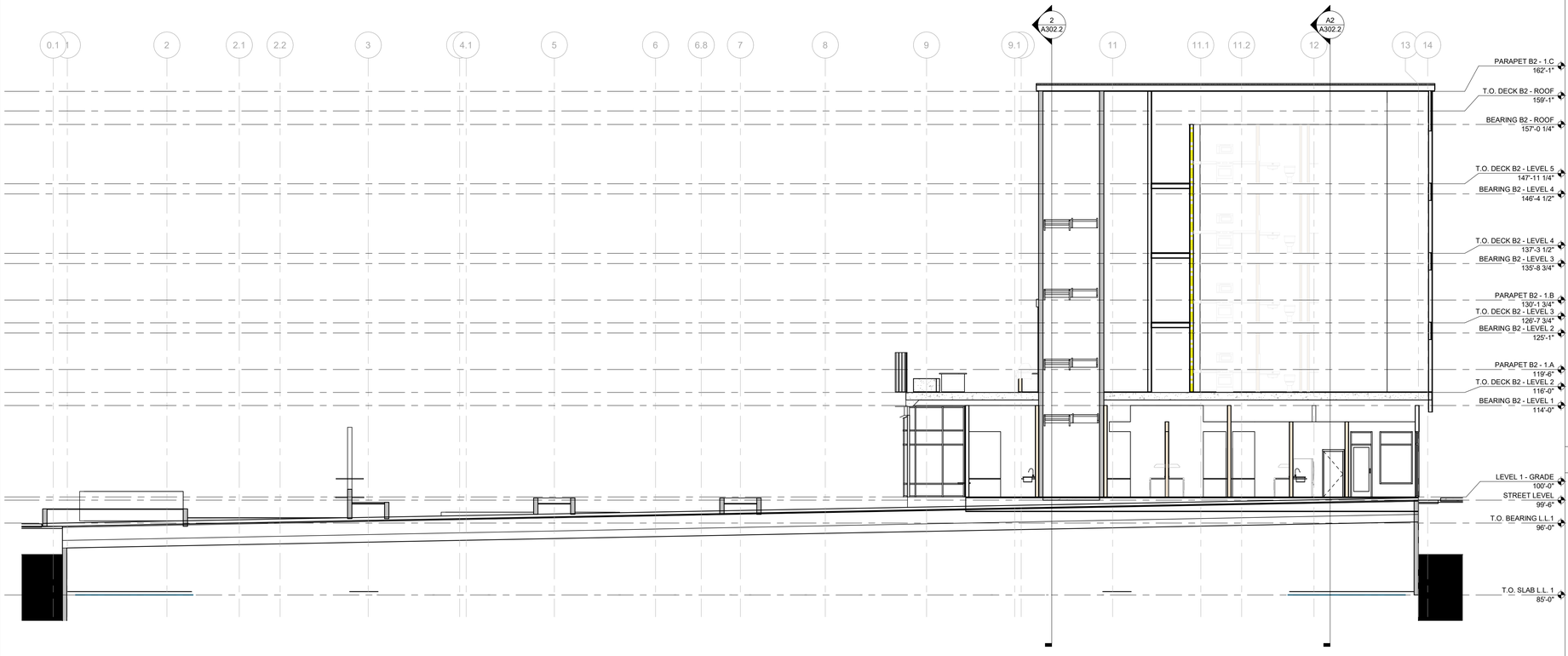
SHEET NO

A202.3

6/14/2024 2:46:18 PM



C1 BUILDING SECTION - BUILDING 2
1/8" = 1'-0"



A1 BUILDING SECTION - BUILDING 2
1/8" = 1'-0"

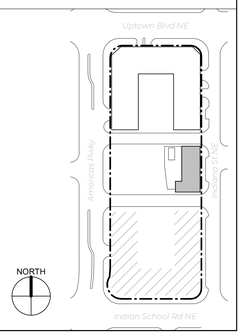
GENERAL SHEET NOTES

A. MECHANICAL, ELECTRICAL AND PLUMBING RELATED ITEMS ARE SHOWN FOR REFERENCE ONLY.

SHEET KEYNOTES

REFERENCE KEYNOTES

KEY PLAN



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PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	Author
REVIEWED BY	Approver
DATE	06/14/2024
PROJECT NO	20-0010

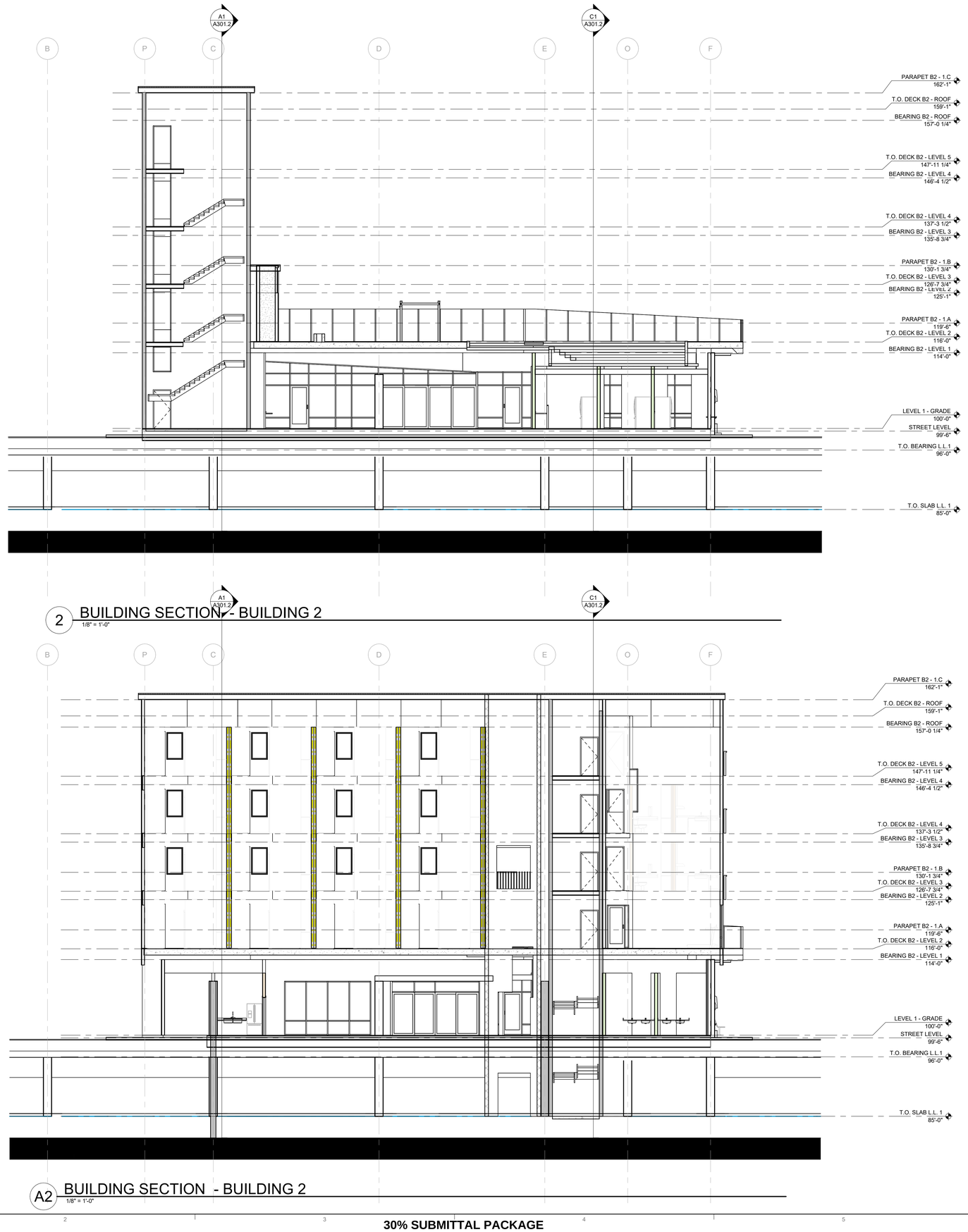
DRAWING NAME

BUILDING 2 - BUILDING SECTIONS

SHEET NO

A301.2

6/14/2024 2:46:21 PM



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

A2 BUILDING SECTION - BUILDING 2
1/8" = 1'-0"

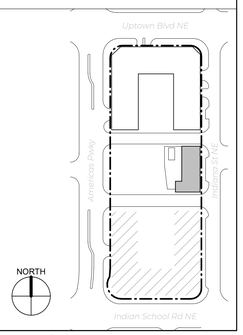
GENERAL SHEET NOTES

A. MECHANICAL, ELECTRICAL AND PLUMBING RELATED ITEMS ARE SHOWN FOR REFERENCE ONLY.

SHEET KEYNOTES

REFERENCE KEYNOTES

KEY PLAN



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PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	Author
REVIEWED BY	Approver
DATE	06/14/2024
PROJECT NO	20-0010

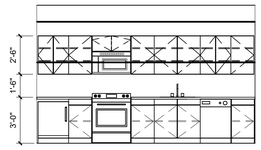
DRAWING NAME

BUILDING 2 - BUILDING SECTIONS

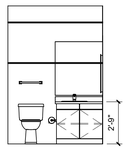
SHEET NO

A302.2

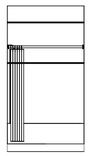
6/14/2024 2:46:24 PM



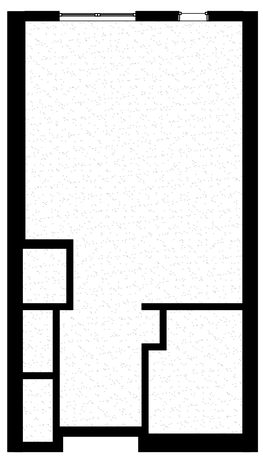
E1 KITCHEN
1/4" = 1'-0"



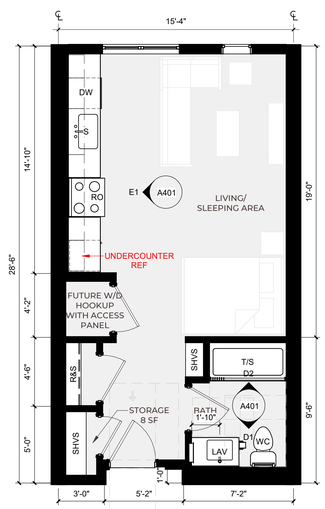
D1 BATH - FRONT
1/4" = 1'-0"



D2 BATH
1/4" = 1'-0"



A1 UNIT S1 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT S1 - TYPE B (STUDIO)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	-
DATE	06/17/2024
PROJECT NO	20-0010

DRAWING NAME

UNIT S1

SHEET NO

A401

6/14/2024 2:43:58 PM

A1 UNIT S2 - REFLECTED CEILING PLAN
1/4" = 1'-0"

A4 UNIT S2 - TYPE B (STUDIO)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	-
DATE	__/__/____
PROJECT NO	20-0010

DRAWING NAME

UNIT S2

SHEET NO

A402

6/14/2024 2:44:00 PM

A1 UNIT S2 - "TYPE A" - REFLECTED CEILING PLAN
1/4" = 1'-0"

A4 UNIT S2 - "TYPE A" (STUDIO)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

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REVIEWED BY	-
DATE	__/__/____
PROJECT NO	20-0010

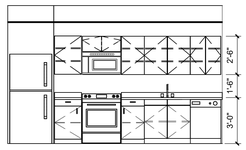
DRAWING NAME

UNIT S2 - "TYPE A"

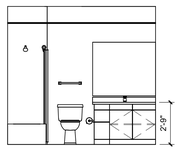
SHEET NO

A403

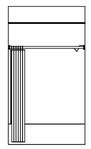
6/14/2024 2:44:01 PM



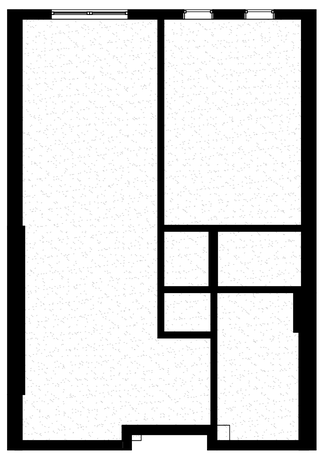
E1 KITCHEN
1/4" = 1'-0"



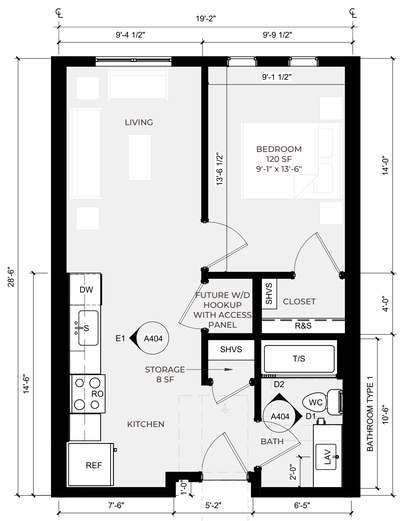
D1 BATH - FRONT
1/4" = 1'-0"



D2 BATH
1/4" = 1'-0"



A1 UNIT A0 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT A0 - TYPE B (ONE BED/ ONE BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI
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PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

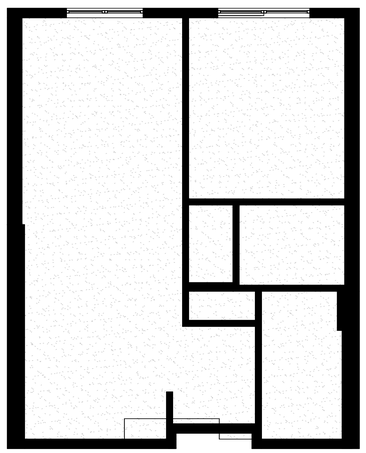
REVISIONS

DRAWN BY	BHH
REVIEWED BY	-
DATE	__/__/____
PROJECT NO	20-0010

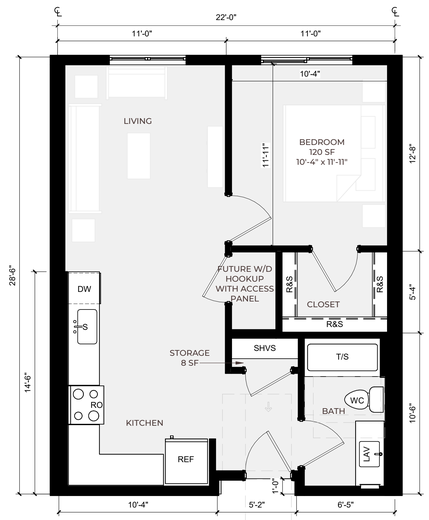
DRAWING NAME
UNIT A0

SHEET NO
A404

6/14/2024 2:44:03 PM



A1 UNIT A1 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT A1 - TYPE B (ONE BED/ ONE BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

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UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

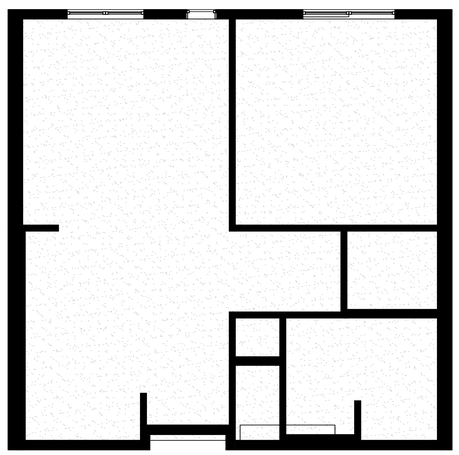
REVISIONS

DRAWN BY	BHH
REVIEWED BY	Approver
DATE	09/08/23
PROJECT NO	20-0010

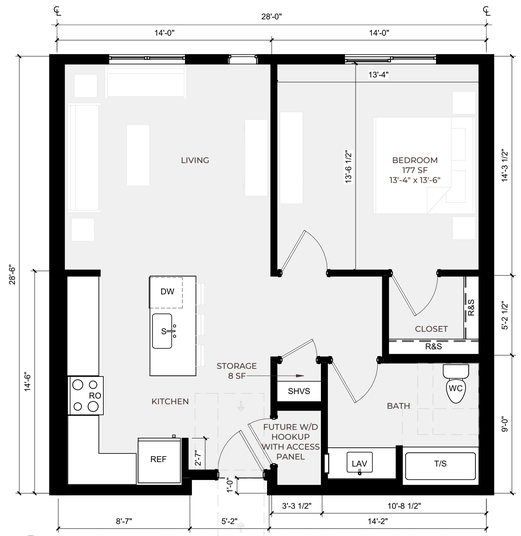
DRAWING NAME
UNIT A1

SHEET NO
A405

6/14/2024 2:44:04 PM



A1 UNIT A2 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT A2 - TYPE B (ONE BED/ ONE BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	Approver
DATE	09/08/23
PROJECT NO	20-0010

DRAWING NAME

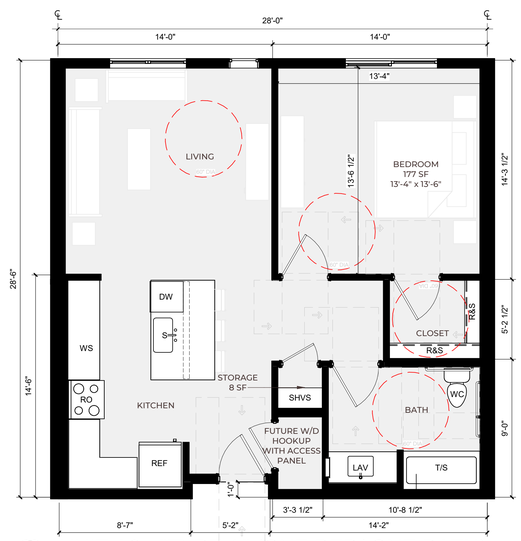
UNIT A2

SHEET NO

A406

6/14/2024 2:44:05 PM

A1 UNIT A2 - "TYPE A" - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT A2 - "TYPE A" (ONE BED/ ONE BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	Approver
DATE	09/08/23
PROJECT NO	20-0010

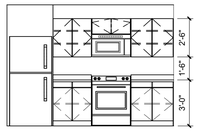
DRAWING NAME

UNIT A2 - "TYPE A"

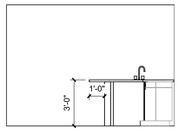
SHEET NO

A407

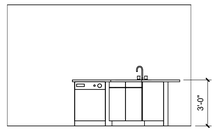
6/14/2024 2:44:07 PM



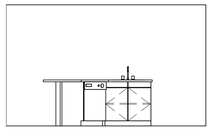
E1 KITCHEN - FRONT
1/4" = 1'-0"



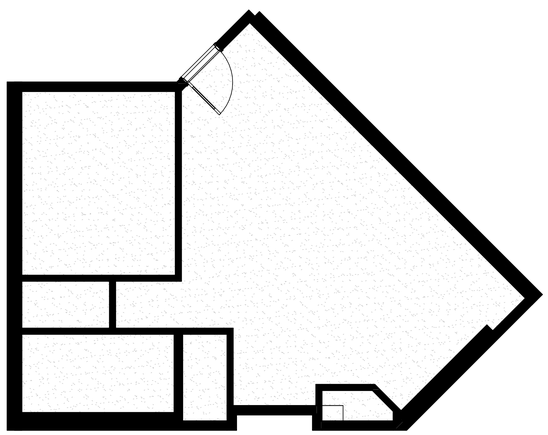
E2 KITCHEN
1/4" = 1'-0"



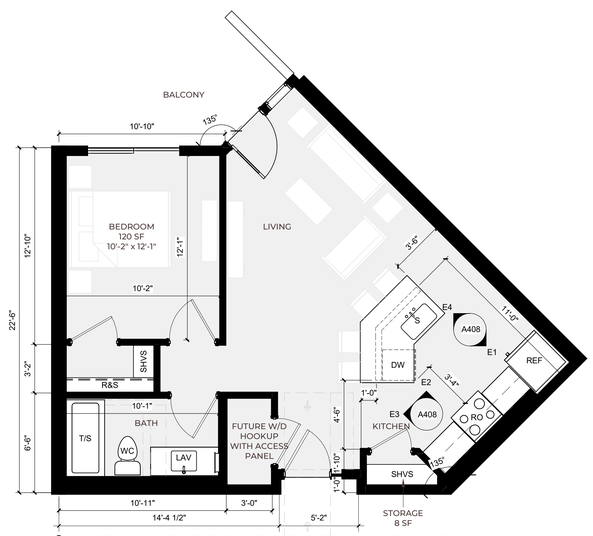
E3 KITCHEN
1/4" = 1'-0"



E4 KITCHEN
1/4" = 1'-0"



A1 UNIT A3 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT A3 - TYPE B (ONE BED/ ONE BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

Architecture in Progress

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SEAL

PROJECT

UPTOWN CONNECT

6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	Approver
DATE	09/08/23
PROJECT NO	20-0010

DRAWING NAME

UNIT A3

SHEET NO

A408

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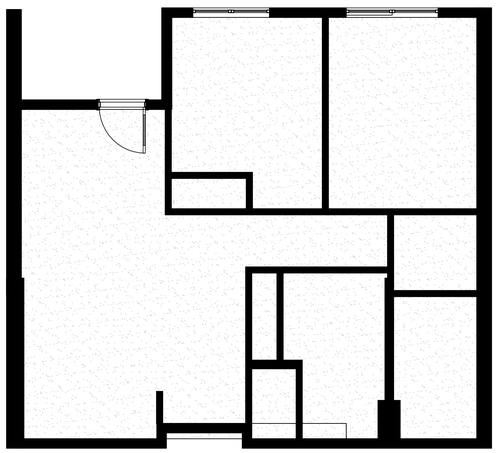
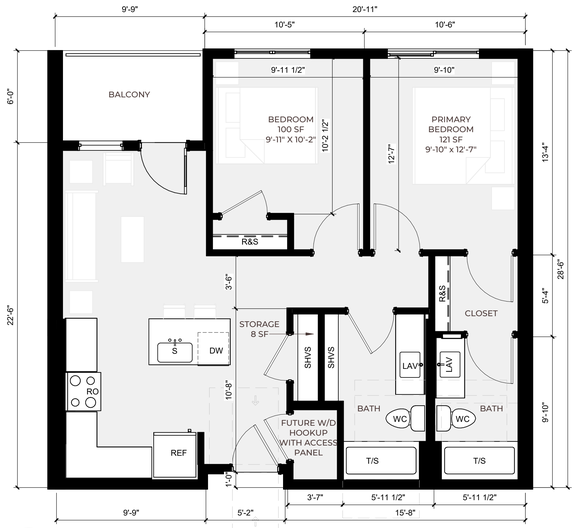


A1 UNIT B1 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT B1 - TYPE B (TWO BED/ TWO BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

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UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	Approver
DATE	09/08/23
PROJECT NO	20-0010

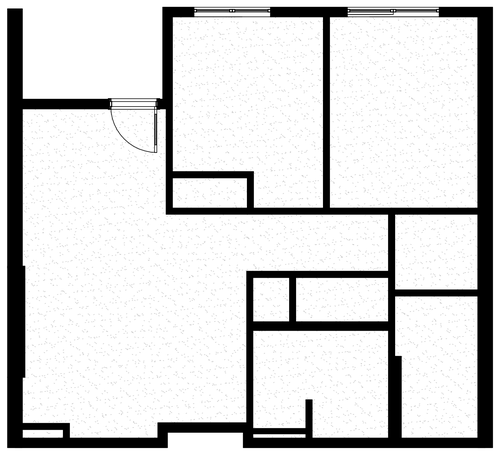
DRAWING NAME

UNIT B1

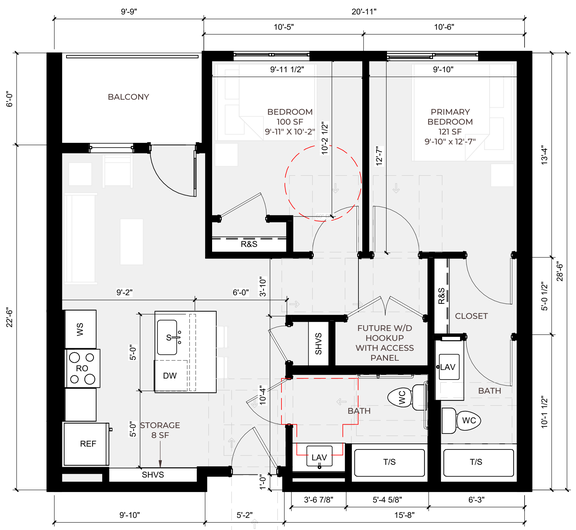
SHEET NO

A409

6/14/2024 2:44:11 PM



A1 UNIT B1 - "TYPE A" - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT B1 - "TYPE A" (TWO BED/ TWO BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

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DATE	09/08/23
PROJECT NO	20-0010

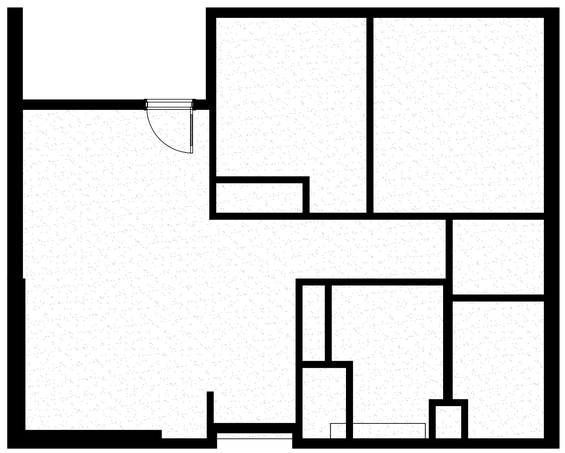
DRAWING NAME

UNIT B1 - "TYPE A"

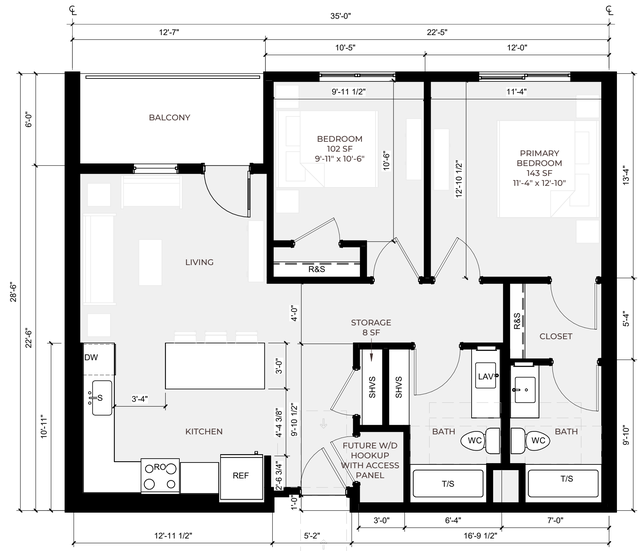
SHEET NO

A410

6/14/2024 2:44:12 PM



A1 UNIT B2 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT B2 - TYPE B (TWO BED/ TWO BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

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DATE	09/08/23
PROJECT NO	20-0010

DRAWING NAME

UNIT B2

SHEET NO

A411

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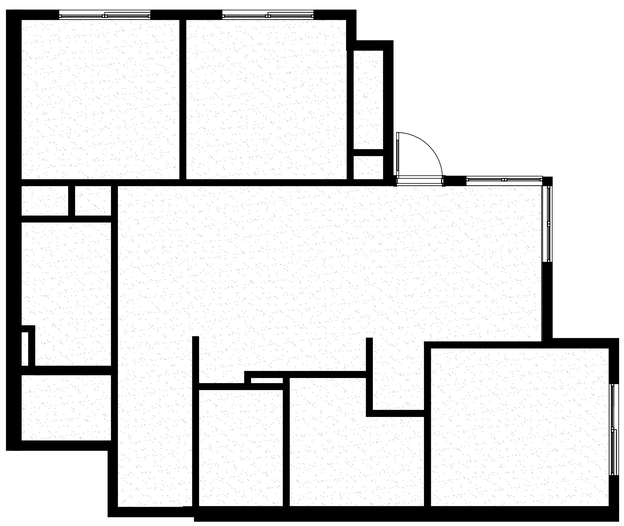
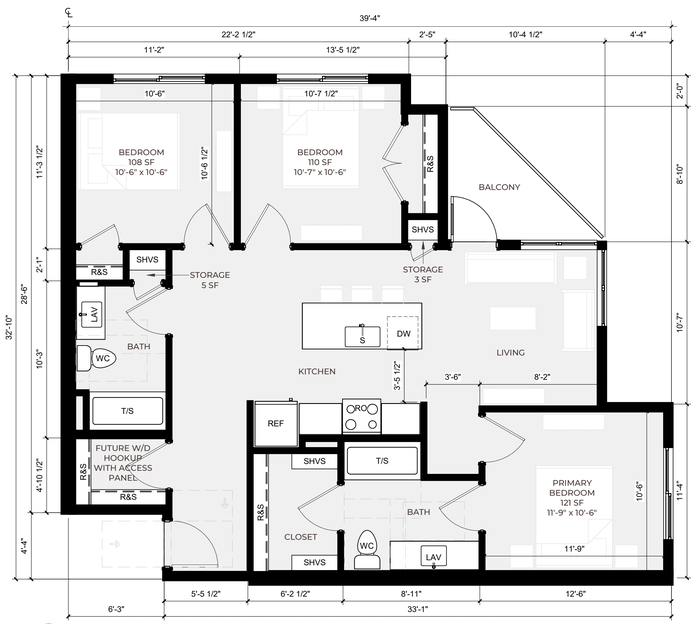


A1 UNIT C3 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT C3 - TYPE B (THREE BED/ TWO BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

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OWNER REVIEW

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REVIEWED BY	Approver
DATE	09/08/23
PROJECT NO	20-0010

DRAWING NAME

UNIT C3

SHEET NO

A412

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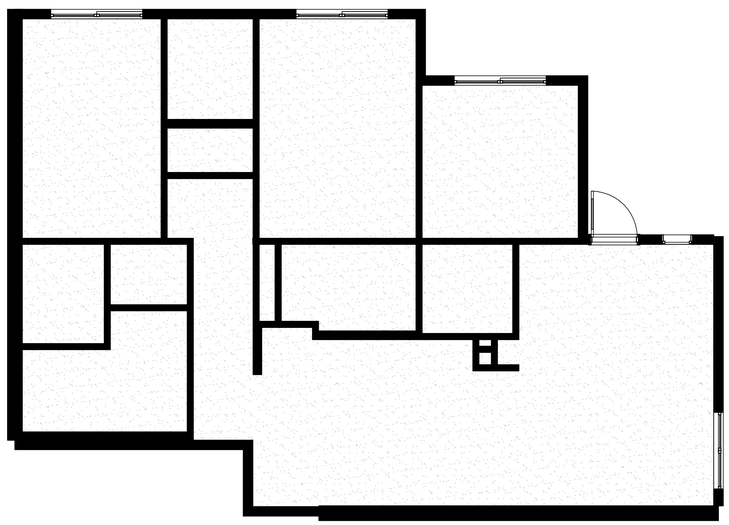
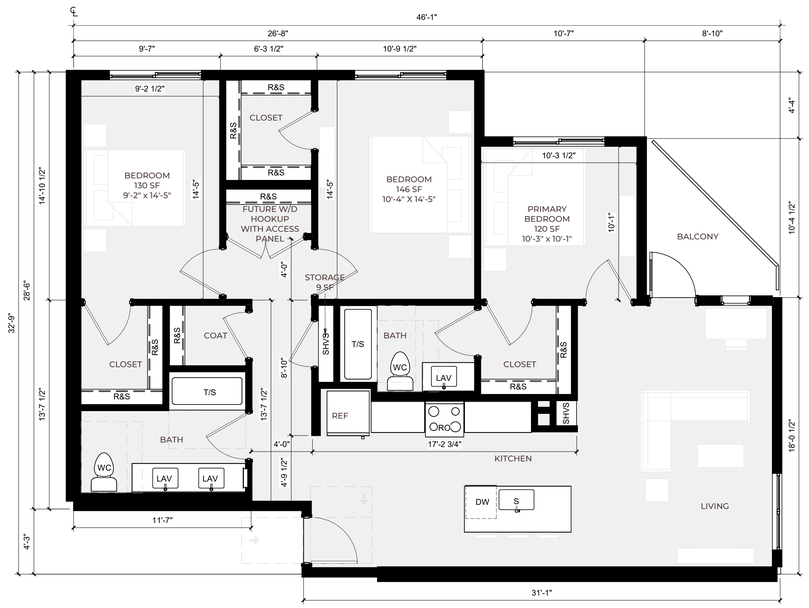


A1 UNIT C3 - LEVEL 2 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT C3 AT LEVEL 2 - TYPE B (THREE BED/ TWO BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

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DATE	05/31/24
PROJECT NO	20-0010

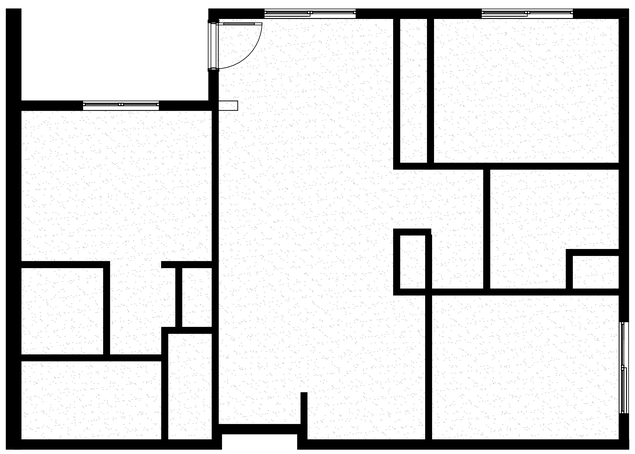
DRAWING NAME

UNIT C3 LEVEL 2

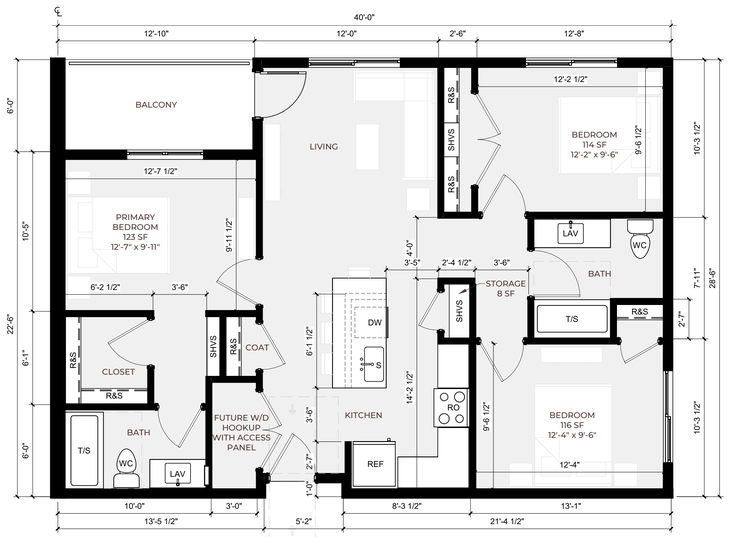
SHEET NO

A413

6/14/2024 2:44:16 PM



A1 UNIT C2 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT C2 - TYPE B (THREE BED/ TWO BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

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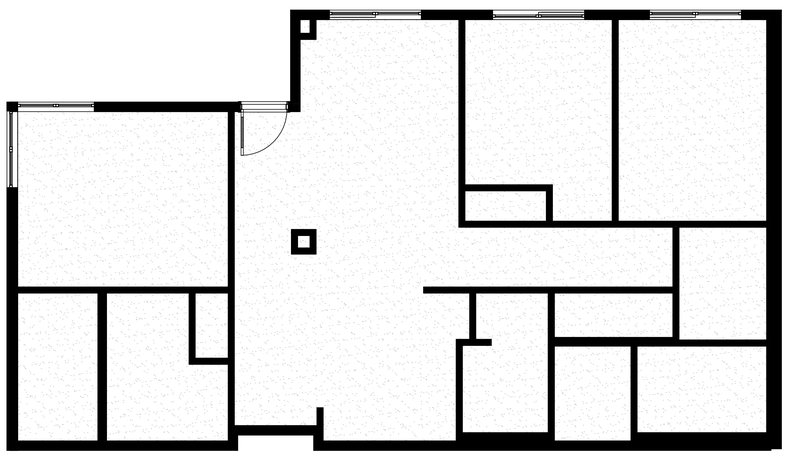
REVIEWED BY	Approver
DATE	05/31/24
PROJECT NO	20-0010

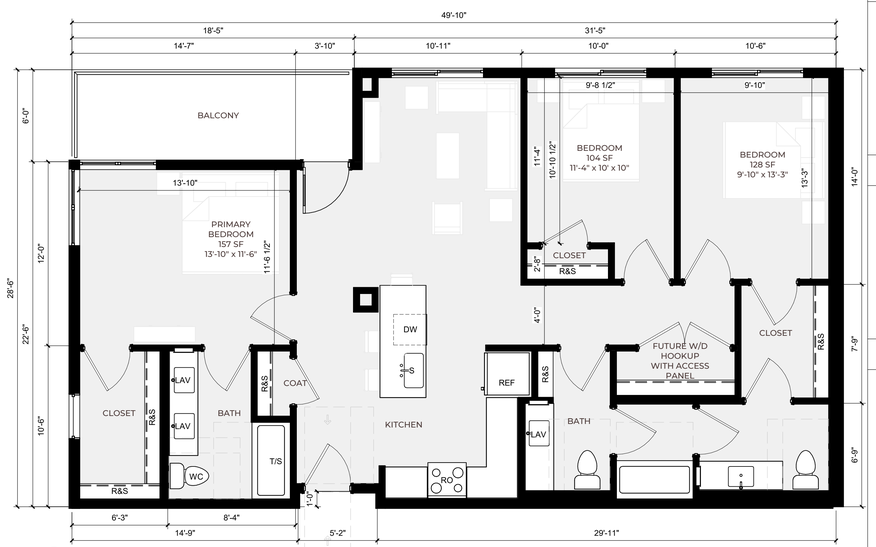
DRAWING NAME
UNIT C2

SHEET NO
A414

6/14/2024 2:44:18 PM



A1 UNIT C2 - LEVEL 2 - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 UNIT C2 AT LEVEL 2 - TYPE B (THREE BED/ TWO BATH)
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

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6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

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DATE	05/31/24
PROJECT NO	20-0010

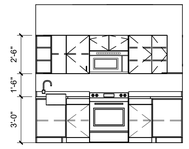
DRAWING NAME

UNIT C2 LEVEL 2

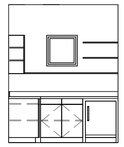
SHEET NO

A415

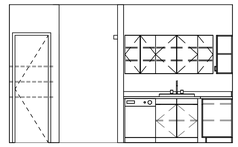
6/14/2024 2:44:19 PM



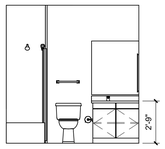
E1 KITCHEN - FRONT
1/4" = 1'-0"



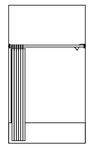
E2 KITCHEN
1/4" = 1'-0"



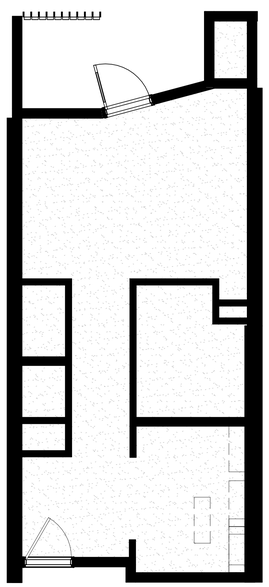
E3 PU1 - Kitchen - Sink
1/4" = 1'-0"



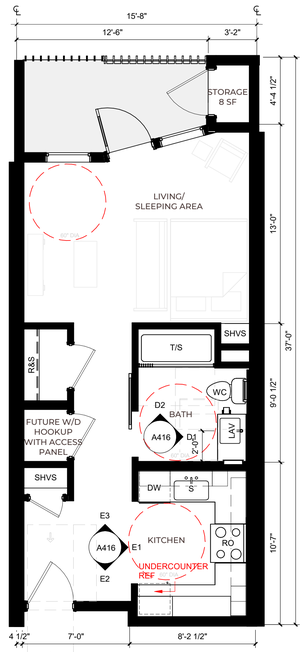
D1 BATH - FRONT
1/4" = 1'-0"



D2 BATH
1/4" = 1'-0"



A1 UNIT PLAZA - REFLECTED CEILING PLAN
1/4" = 1'-0"



A4 PLAZA UNIT 1 - TYPE B
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
R&S	Closet Rod and Shelf
REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI

Architecture in Progress

NOT FOR CONSTRUCTION

SEAL

PROJECT

UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	Approver
DATE	05/31/24
PROJECT NO	20-0010

DRAWING NAME

PLAZA UNIT 1

SHEET NO

A416

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A1 PLAZA STUDIOS - REFLECTED CEILING PLAN
1/4" = 1'-0"

A4 PLAZA UNIT 2 - TYPE B AND PLAZA UNIT 3 - "TYPE A"
1/4" = 1'-0"

GENERAL SHEET NOTES

A. DIMENSIONS AT DOORS AND WINDOWS ARE TO CENTERLINE, UNLESS NOTED OTHERWISE.
B. DOOR FRAMES TO BE 4 INCHES FROM ADJACENT STUD, UNLESS NOTED OTHERWISE.
C. CLEAR DIMENSIONS ARE FROM FACE OF FINISHED WALL.
D. ALL CEILING HEIGHTS AT 9'-0", UNLESS NOTED UNDERWISE.

SHEET KEYNOTES

REFERENCE KEYNOTES

GENERAL LEGEND

BF	Bath Faucet - WaterSense Certified
DW	Dishwasher - Energy Star Rated
LAV	Bathroom Sink - 1.0 gpm faucet - Watersense Certified
MIC	Countertop Microwave - Energy Star Rated
R/O	Electric Range and Oven with Microwave Hood - Energy Star Rated
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REF	Refrigerator - Energy Star Rated
S	Kitchen Sink with Garbage Disposal - 1.2 gpm - Watersense Certified
SH	Shower Head - 2.0 gpm - WaterSense Certified
SHVS	Shelves at Multiple Heights
T/S	30" x 60" Tub/ Shower
WC	Water Closet - 1.28 gpf - WaterSense Certified
WS	30" Work Surface at "Type A" Units

APPLIANCE LEGEND

FIXTURE LEGEND

CASEWORK LEGEND

SYMBOL LEGEND

CLEAR FLOOR SPACE AS REQUIRED BY THE FAIR HOUSING ACT

FINISHED GYPSUM BOARD AT CEILING

DEKKER PERICH SABATINI
Architecture in Progress

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UPTOWN CONNECT
6501 INDIAN SCHOOL NE
ALBUQUERQUE NM 87110

OWNER REVIEW

REVISIONS

DRAWN BY	BHH
REVIEWED BY	Approver
DATE	05/31/24
PROJECT NO	20-0010

DRAWING NAME

PLAZA UNIT 2 AND 3

SHEET NO

A417

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