

CITY OF PLATTSBURGH - DRI DOWNTOWN GRANT PROGRAM PROPOSED FARMERS MARKET - RE-BID

GREEN STREET, PLATTSBURGH, NEW YORK 12901



EXTERIOR RENDERING

Established in 1985

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SHEET NUMBER	SHEET NAME
1. TITLE	TITLE SHEET
2. GENERAL	GENERAL NOTES
3. LIFE SAFETY	CODE ANALYSIS
LS001	CODE ANALYSIS
LS101	LIFE SAFETY PLAN
4. CIVIL	SITE OVERVIEW PLAN
C100	SITE DETAILS
5. STRUCTURAL	STRUCTURAL NOTES
S001	FOUNDATION PLAN
6. ARCHITECTURAL	NOTES, LEGENDS, & SYMBOLS
A001	FLOOR PLAN
A101	EXISTING CONDITIONS
A102	EXISTING CONDITIONS
A103	EXISTING CONDITIONS

SHEET NUMBER	SHEET NAME
A111	REFLECTED CEILING PLAN
A121	ROOF PLAN
A201	EXTERIOR ELEVATIONS
A301	BUILDING SECTIONS
A501	CONSTRUCTION DETAILS
A502	CONSTRUCTION DETAILS
A601	ROOM, DOOR, AND WINDOW SCHEDULES
A901	EXTERIOR VIEWS
7. PLUMBING	PLUMBING - NOTES, LEGEND, & DETAILS
P001	PLUMBING - NOTES, LEGEND, & DETAILS
P102	ENLARGED PLUMBING PLAN (ALT. #4)
P601	PLUMBING SCHEDULES & SCHEMATICS
9. ELECTRICAL	ELECTRICAL NOTES, LEGENDS & SCHEDULES
E001	ELECTRICAL NOTES, LEGENDS & SCHEDULES
E101	ELECTRICAL PLAN

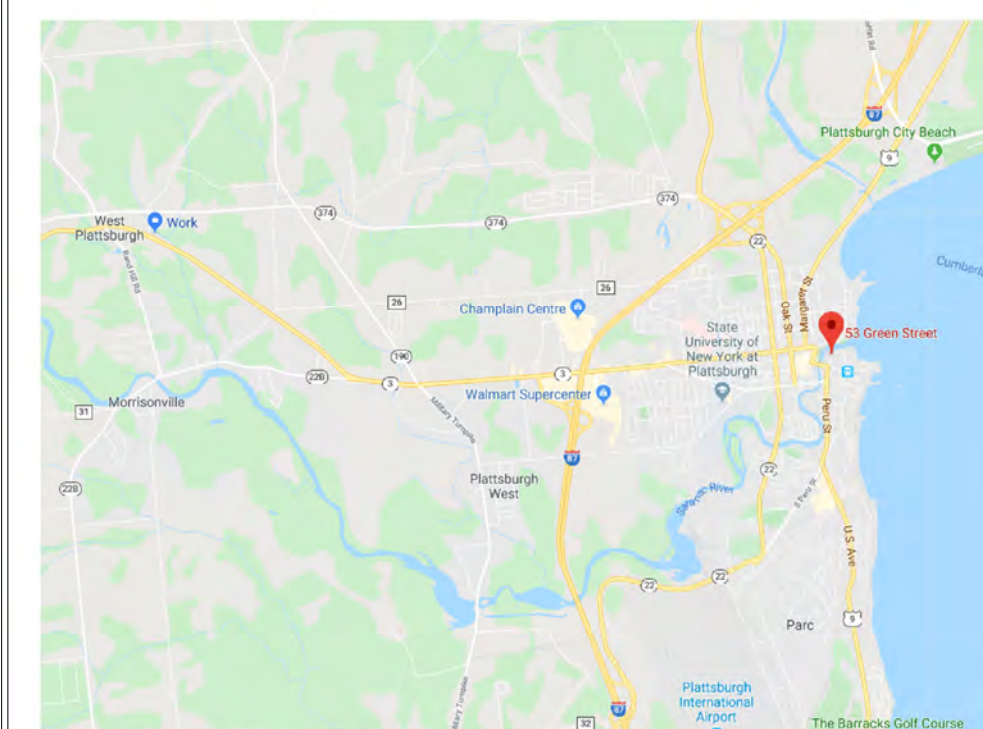
BASE BID

- INCLUDING BUT NOT LIMITED TO:
1. PAINTING - EXTERIOR
 2. PAINTING - INTERIOR
 3. GUTTERS & DOWNSPOUTS
 4. DEMOLITION OF EXISTING HEATERS
 5. POWER DISTRIBUTION & OUTLETS - EXISTING BUILDING
 6. SECURE EXTERIOR WALLS
 7. CLEANING/SEALING OF EXISTING CONCRETE FLOOR
 8. WINDOW GLASS REPAIR
 9. PAVEMENT MARKINGS & SIGNAGE
 10. ASPHALT SURFACE PAVEMENT
 11. WATER SERVICE & YARD HYDRANT
 12. ASBESTOS ABATEMENT & WALL REMOVAL/REPLACEMENT
 13. EMERGENCY LIGHTING & SIGNAGE

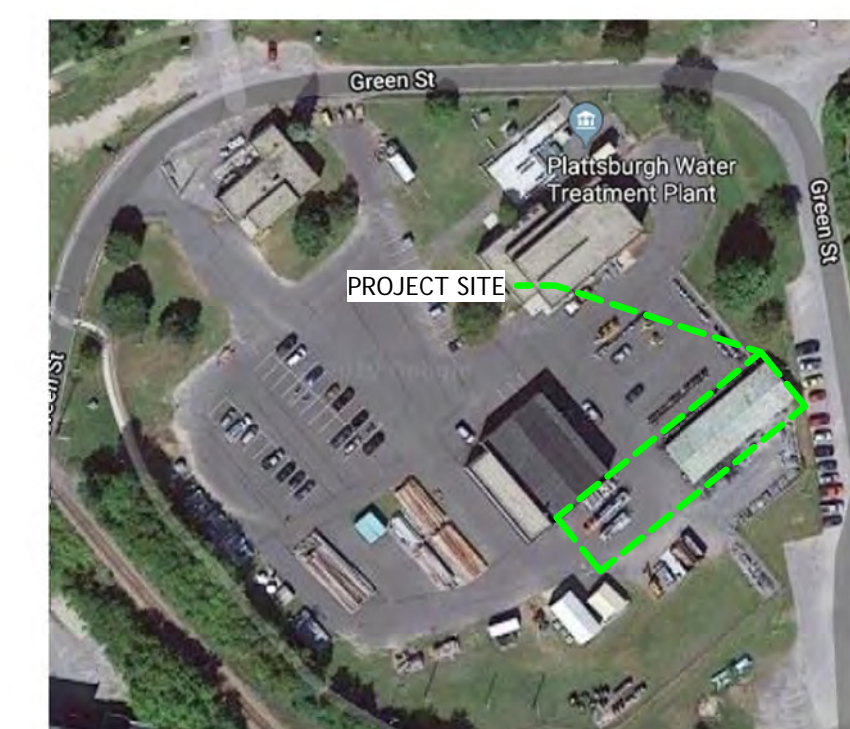
ALTERNATES

- ALTERNATE #01
CONSTRUCTION OF THE PAVILION
POWER DISTRIBUTION & OUTLETS FOR PAVILION
- ALTERNATE #02
PAVILION INTERIOR & EXTERIOR LIGHTING
- ALTERNATE #03
FURNISH & INSTALLATION OF OVERHEAD DOOR
FURNISH & INSTALLATION OF CEILING FANS
- ALTERNATE #04
SEWAGE DUPLEX GRINDER PUMP/FORCE MAIN
MOP SINK & PLUMBING
HIGH/LOW WATER COOLER AND PLUMBING

LOCATION MAP



AERIAL VIEW



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CONSTRUCTION DOCUMENT PHASE SERVICES 100%

PROJECT NO. 20005
DATE 09-02-2020
DRAWN BY JRH
CHECKED BY SEC



TITLE SHEET

PROJECT NO. 20005
DATE 09-02-2020
DRAWN BY JRH
CHECKED BY SEC

T001

N.Y.S. ENERGY CONSERVATION CONSTRUCTION CODE

THE PROPOSED ENVELOPE DESIGN REPRESENTED IN THIS DOCUMENT IS CONSISTENT WITH THE BUILDING PLANS, SPECIFICATIONS AND OTHER CALCULATIONS SUBMITTED WITH THIS PERMIT APPLICATION. THE PROPOSED ENVELOPE SYSTEM HAS BEEN DESIGNED TO MEET THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE REQUIREMENTS IN COMcheck VERSION 4.1.3.0 AND TO COMPLY WITH THE MANDATORY REQUIREMENTS IN THE REQUIREMENTS CHECKLIST. WHEN A REGISTERED DESIGN PROFESSIONAL HAS STAMPED AND SIGNED THIS PAGE, THEY ARE ATTESTING THAT TO THE BEST OF HIS/HER KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGMENT, SUCH PLANS OR SPECIFICATIONS ARE IN COMPLIANCE WITH THIS CODE.

ANDREW C. ABDELLAH P.E. *Andrew Abdallah* 08-28-2020
 PRINCIPAL ENVELOPE DESIGNER-NAME SIGNATURE DATE

PROJECT ABBREVIATIONS

NOTE: EVERY EFFORT WILL BE MADE TO USE FULL WORDS INSTEAD OF ABBREVIATIONS
EXCEPTIONS: WHERE SPACE REQUIREMENTS PROHIBIT IT OR WHERE STANDARD INDUSTRY ABBREVIATIONS ARE GENERALLY ACCEPTABLE SUBSTITUTES

&	AND	HW	HOT WATER
@	AT	HVAC	HEATING VENTILATION & AIR CONDITIONING
Ø	DIAMETER	ICF	INSULATED CONCRETE FORM
#	NUMBER	MAX	MAXIMUM
LB/LBS	POUND(S)	MC	MECHANICAL CONTRACTOR
1ST	FIRST	MECH	MECHANICAL
2ND	SECOND	MIN	MINIMUM
3RD	THIRD	MISC	MISCELLANEOUS
4TH	FOURTH	MLT	METAL
5TH	FIFTH	MRGWB	MOISTURE RESISTANT GYPSUM WALL BOARD
ACT	ACOUSTIC CEILING TILE	NIC	NOT IN CONTRACT
AFF	ABOVE FINISH FLOOR	NTS	NOT TO SCALE
BM	BENCH MARK	OC	ON CENTER
BO	BOTTOM OF CONTROL JOINT	OSB	ORIENTED STRAND BOARD
CJ	CENTERLINE	PC	PLUMBING CONTRACTOR
CMU	CONCRETE MASONRY UNIT	PLUMB	PLUMBING
CPT	CARPET	PT	PRESSURE TREATED
CT	CERAMIC TILE	PSF	POUNDS PER SQUARE FOOT
DEMO	DEMOLISH OR DEMOLITION	PSI	POUNDS PER SQUARE INCH
DN	DOWN	PVC	POLYVINYL CHLORIDE
DWG	DRAWING	RCP	REFLECTED CEILING PLAN
EA	EACH	RM	ROOM
EC	ELECTRICAL CONTRACTOR	RO	ROUGH OPENING
EFS	EXTERIOR INSULATION AND FINISH SYSTEM	SIM	SIMILAR
ELEC	ELECTRICAL	SS	STAINLESS STEEL
ELEV	ELEVATION	STRUCT	STRUCTURAL
EPDM	ETHYLENE PROPYLENE DIENE MONOMER	T&G	TOUNGE AND GROOVE
EW	EACH WAY	TO	TOP OF
FD	FLOOR DRAIN	TYP	TYPICAL
FF	FINISH FLOOR	UNO	UNLESS NOTED OTHERWISE
FRGWB	FIRE RATED GYPSUM WALL BOARD	VIF	VERIFY IN FIELD
GA	GAGE/GAUGE	W/	WITH
GC	GENERAL CONTRACTOR	W/O	WITHOUT
GWB	GYPSUM WALL BOARD	WD	WOOD
HM	HOLLOW METAL	WWF	WELDED WIRE FABRIC
		WWM	WELDED WIRE MESH

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AND REPORT DISCREPANCIES TO OWNER & ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
2. ALL WORK DETAILED AND / OR SPECIFICALLY DENOTED ON THIS DRAWING SHALL BE BY GENERAL CONTRACTOR UNLESS OTHERWISE INDICATED. REFERENCE ALL DRAWINGS FOR ADDITIONAL SCOPE OF WORK REQUIREMENTS.
3. CONTRACTORS SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY CONSTRUCTION OR ORDER OF ANY CUSTOM MATERIALS. INCONSISTENCIES IN PLANS MUST BE REPORTED TO THE OWNER AND ARCHITECT/ENGINEER.
4. WHILE EVERY ATTEMPT HAS BEEN MADE IN THE PREPARATION OF THIS PLAN TO AVOID MISTAKES, THE MAKER CANNOT GUARANTEE AGAINST HUMAN ERROR. THE CONTRACTOR ON THE JOB MUST CHECK ALL DIMENSIONS & DETAILS AND BE RESPONSIBLE FOR SAME.
5. EXTERIOR DIMENSIONS ARE TO FACE OF STUDS. INTERIOR DIMENSIONS ARE TAKEN FROM FACE OF STUDS.
6. CONFORM TO ALL DIMENSIONS INDICATED IN PREFERENCE TO SCALED DIMENSIONS FROM THE BLUEPRINT.
7. ALL WOOD IN DIRECT CONTACT WITH CONCRETE OR EXPOSED TO WEATHER TO BE PRESSURE TREATED.
8. INTERIOR FLOOR AND WALL FINISHES SHALL BE SELECTED BY OWNER.
9. PROVIDE MOISTURE RESISTANT GYPSUM BOARD IN ALL MENS & WOMENS ROOMS.
10. SEAL ALL PENETRATIONS THRU EXTERIOR, INTERIOR & FOUNDATION WALLS, FLOOR & ROOF ASSEMBLIES AS REQUIRED.

MATERIAL SYMBOLS

	GRADE
	UNDISTURBED EARTH
	PAVING
	GRAVEL
	SAND
	VAPOR BARRIER
	FIBERGLASS INSULATION
	RIGID INSULATION
	SPRAY FOAM INSULATION
	PLYWOOD
	GYPSUM BOARD
	PARTICLE BOARD
	WOOD BLOCKING OR FRAMING
	CONCRETE
	CONCRETE MASONRY UNIT
	BRICK
	STONE
	STEEL

LINE TYPES

	CONTINUOUS LINE
	HIDDEN LINE
	CENTER LINE
	OVERHEAD LINE
	DEMOLISH LINE
	1-HOUR RATED ASSEMBLY
	WIRING
	PLUMBING SUPPLY
	PLUMBING WASTE
	PLUMBING VENT
	MECHANICAL DUCT

DRAWING SYMBOLS

SHEET/DRAWING NUMBERS
 DISCIPLINE/SERIES
 A = ARCHITECTURAL
 C = CIVIL
 D = DEMOLITION
 E = ELECTRICAL
 ID = INTERIOR DESIGN
 L = LANDSCAPE
 LS = LIFE SAFETY
 M = MECHANICAL
 P = PLUMBING
 O = EQUIPMENT
 S = STRUCTURAL

A111
 SHEET NUMBER
 SHEET TYPE SUB SERIES
 BUILDING SUBSET
 DISCIPLINE / SERIES

SHEET TYPE SUB SERIES
 1 = FLOOR PLANS AND REFLECTED CEILING PLANS
 2 = EXTERIOR / INTERIOR ELEVATIONS
 3 = BUILDING AND WALL SECTIONS
 4 = ENLARGED PLANS AND ELEVATIONS PLANS, SECTIONS
 5 = CONSTRUCTION DETAILS
 6 = SCHEDULES

GRIDS
 1
 A

TITLE
 DETAIL NUMBER
 VIEW TITLE
 DETAIL / SHEET SCALE
 1/8" = 1'-0"
 VIEW LOCATION
 VIEW ORIGIN

PLAN, ELEVATION, SECTION OR DETAIL TITLE
 SCALE: 1/8" = 1'-0"
 GRAPHIC SCALE
 0 2' 4' 8' 16' 24'
 SLOPE TRIANGLE
 RUN
 RISE

ELEVATION REFERENCE
 SIM ELEVATION NUMBER
 A101 SHEET NUMBER
 INTERIOR ELEVATION NUMBER
 A101 SHEET NUMBER

ELEVATION REFERENCE, MULTIPLE
 SIM ELEVATION NUMBER
 A101 SHEET NUMBER
 INTERIOR ELEVATION NUMBER
 A101 SHEET NUMBER

PHOTO ELEVATION REFERENCE
 SIM ELEVATION NUMBER
 A101 SHEET NUMBER
 PHOTO ELEVATION REFERENCE, MULTIPLE
 A101 SHEET NUMBER

SECTION REFERENCE
 SECTION NUMBER
 A1 SIM
 A101 SHEET NUMBER
 WALL SECTION REFERENCE
 SECTION NUMBER
 A1 SIM
 A101 SHEET NUMBER

ENLARGED PLAN OR DETAIL REFERENCE
 DETAIL NUMBER
 A101 SHEET NUMBER
 DETAIL REFERENCE
 A1 SHEET NUMBER

ROOM NAME
 T01

ROOM NAME & ROOM NUMBER
 T01

DOOR OR OPENING TAG
 X

WINDOW, LOUVER OR CURTAINWALL TYPE
 W1

SEE PARTITION SHEET FOR TAG INFO.
 PARTITION TYPE
 X

HORIZONTAL ASSEMBLIES TYPE
 X

KEYNOTES
 A001

REVISION IDENTIFICATION

CEILING TAG
 ACT-1
 8'-0" AFF
 CEILING TYPE
 HEIGHT ABOVE FLOOR LEVEL

ALIGN FACE OF OBJECTS/SURFACES
 ALIGN

MATCHLINE SEE A/101
 MATCHLINE REFERENCE

SPOT ELEVATION
 8'-0"

FLOOR ELEVATION
 LEVEL NAME
 ELEVATION

EXISTING WALL
 DEMOLISHED WALL
 NEW WALL

EXISTING DOOR TO REMAIN
 DEMOLISHED DOOR
 NEW DOOR

WALLS
DOORS

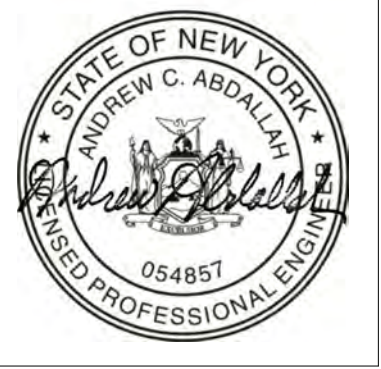


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CONSTRUCTION DOCUMENT PHASE SERVICES 100%



REVISIONS

#	BY	DATE

GENERAL NOTES

PROJECT NO. 20005
 DATE 09-02-2020
 DRAWN BY TSV
 CHECKED BY SEC

G001

BUILDING CODE OVERVIEW

PROJECT DESCRIPTION:
THE PROJECT INCLUDES ALTERATIONS TO AN EXISTING UNINSULATED 1 STORY PRE-ENGINEERED STEEL FRAMED BUILDING WITH A NEW 1 STORY OPEN WOOD FRAMED PAVILION ADDITION FOR A NON-HEATED SEASONAL FARMERS MARKET.

ALL WORK SHALL CONFORM TO ALL APPLICABLE GOVERNING CODES INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:

- 2020 BUILDING CODE OF NEW YORK STATE
- 2020 PLUMBING, MECHANICAL AND FUEL GAS CODES OF NEW YORK STATE
- 2020 FIRE AND PROPERTY MAINTENANCE CODES OF NEW YORK STATE
- 2020 ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
- 2009 ICC A117.1 STANDARD FOR ACCESSIBLE AND USABLE BUILDING AND FACILITIES
- 2017 NFPA NATIONAL ELECTRICAL CODE

BUILDING DATA:
OCCUPANCY CLASSIFICATION: (BC 309)
• GROUP M (MERCANTILE) - MARKET

CONSTRUCTION CLASSIFICATION: (BC 602)
• EXISTING TYPE IIB - NON-COMBUSTIBLE & ADDITIONS TYPE VB - COMBUSTIBLE (RECLASSIFIED AS TYPE VB OVERALL)

BUILDING HEIGHT: (BC TABLE 504.3 & 504.4) NON-SPRINKLERED (NS)
• ALLOWED 40'-0" HEIGHT, PROVIDE 17'-6" +/- HEIGHT | ALLOWED 1 STORY, PROVIDED 1 STORY

BUILDING AREA: (BC TABLE 506.2) NON-SPRINKLERED (NS)
• ALLOWED 15,750 SF WITH ALLOWABLE AREA INCREASE, PROVIDED 6,131 SF

FIRE PROTECTION: (BC 903, 906, 907)
• AUTOMATIC SPRINKLER SYSTEM - NR
• FIRE ALARM AND DETECTION SYSTEM - NR
• PORTABLE FIRE EXTINGUISHERS - REQUIRED

OVERVIEW OF FINDINGS:
• NOT HEATED
• AUTOMATIC SPRINKLER OR FIRE ALARM SYSTEMS NOT REQUIRED

• AUTOMATIC SPRINKLER OR FIRE ALARM SYSTEMS NOT REQUIRED

EXISTING BUILDING CODE OF NEW YORK STATE

SECTION *	REQUIRED	** PROVIDED	SECTION *	REQUIRED	** PROVIDED
SECTION CHAPTER 2: DEFINITIONS SECTION 202 GENERAL DEFINITIONS	[A] ADDITION, AN EXTENSION OR INCREASE IN FLOOR AREA, NUMBER OF STORIES, OR HEIGHT OF A BUILDING OR STRUCTURE. [A] ALTERATION, ANY CONSTRUCTION OR RENOVATION TO AN EXISTING STRUCTURE OTHER THAN A REPAIR OR ADDITION. ALTERATIONS ARE CLASSIFIED AS LEVEL 1, LEVEL 2 AND LEVEL 3. [A] CHANGE OF OCCUPANCY, A CHANGE IN THE USE OF A BUILDING OR A PORTION OF A BUILDING THAT RESULTS IN ANY OF THE FOLLOWING: 1. A CHANGE OF OCCUPANCY CLASSIFICATION. 2. A CHANGE FROM ONE GROUP TO ANOTHER GROUP WITHIN AN OCCUPANCY CLASSIFICATION. 3. ANY CHANGE IN USE WITHIN A GROUP FOR WHICH THERE IS A CHANGE IN APPLICATION OF THE REQUIREMENTS OF THIS CODE. [A] EXISTING BUILDING, A BUILDING ERECTED PRIOR TO THE DATE OF ADOPTION OF THE APPROPRIATE CODE, OR ONE FOR WHICH A LEGAL BUILDING PERMIT HAS BEEN ISSUED. PRIMARY FUNCTION, A PRIMARY FUNCTION IS A MAJOR ACTIVITY FOR WHICH THE FACILITY IS INTENDED. AREAS THAT CONTAIN A PRIMARY FUNCTION INCLUDE, BUT ARE NOT LIMITED TO, THE CUSTOMER SERVICES LOBBY OF A BANK, THE DINING AREA OF A CAFETERIA, THE MEETING ROOMS IN A CONFERENCE CENTER, AS WELL AS OFFICES AND OTHER WORK AREAS IN WHICH THE ACTIVITIES OF THE PUBLIC ACCOMMODATION OR OTHER PRIVATE ENTITY USING THE FACILITY ARE CARRIED OUT. MECHANICAL ROOMS, BOILER ROOMS, SUPPLY STORAGE ROOMS, EMPLOYEE LOUNGES OR LOCKER ROOMS, JANITORIAL CLOSETS, ENTRANCES, CORRIDORS AND RESTROOMS ARE NOT AREAS CONTAINING A PRIMARY FUNCTION. WORK AREA, THAT PORTION OR PORTIONS OF A BUILDING CONSISTING OF ALL RECONFIGURED SPACES AS INDICATED ON THE CONSTRUCTION DOCUMENTS. WORK AREA EXCLUDES OTHER PORTIONS OF THE BUILDING WHERE INCIDENTAL WORK ENTAILLED BY THE INTENDED WORK MUST BE PERFORMED AND PORTIONS OF THE BUILDING WHERE WORK NOT INITIALLY INTENDED BY THE OWNER IS SPECIFICALLY REQUIRED BY THIS CODE.	PROVIDED OPEN MARKET ENCLOSED MARKET ALTERATIONS LEVEL 1 & 2 ENCLOSED MARKET COMPLETE CHANGE OF OCCUPANCY	SECTION 1005 MEANS OF EGRESS SECTION 1010 PLUMBING SECTION 1010 OTHER REQUIREMENTS SECTION 1011 CHANGE OF OCCUPANCY CLASSIFICATION CHAPTER 11: ADDITIONS SECTION 1101 GENERAL SECTION 1102 HEIGHTS AND AREAS SECTION 1107 ENERGY CONSERVATION	1005.1 GENERAL, MEANS OF EGRESS IN PORTIONS OF BUILDINGS UNDERGOING A CHANGE OF OCCUPANCY CLASSIFICATION SHALL COMPLY WITH SECTION 1012. 1009.1 INCREASED DEMAND, WHERE THE OCCUPANCY OF AN EXISTING BUILDING OR PART OF AN EXISTING BUILDING IS CHANGED SUCH THAT THE NEW OCCUPANCY IS SUBJECT TO INCREASED OR DIFFERENT PLUMBING FIXTURE REQUIREMENTS OR TO INCREASED WATER SUPPLY REQUIREMENTS IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE, THE NEW OCCUPANCY SHALL COMPLY WITH THE INTENT OF THE RESPECTIVE PLUMBING CODE OF NEW YORK STATE PROVISIONS. 1010.1 LIGHT AND VENTILATION, LIGHT AND VENTILATION SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE FOR THE NEW OCCUPANCY. 1011.1 GENERAL, THE PROVISIONS OF THIS SECTION SHALL APPLY TO BUILDINGS OR PORTIONS THEREOF UNDERGOING A CHANGE OF OCCUPANCY CLASSIFICATION. 1011.3 INTERIOR FINISH, IN AREAS OF THE BUILDING UNDERGOING THE CHANGE OF OCCUPANCY CLASSIFICATION, THE INTERIOR FINISH OF WALLS AND CEILINGS SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE FOR THE NEW OCCUPANCY CLASSIFICATION. 1101.1 SCOPE, AN ADDITION TO A BUILDING OR STRUCTURE SHALL COMPLY WITH THE UNIFORM CODE AS ADOPTED FOR NEW CONSTRUCTION WITHOUT REQUIRING THE EXISTING BUILDING OR STRUCTURE TO COMPLY WITH ANY REQUIREMENTS OF THOSE CODES OR OF THESE PROVISIONS, EXCEPT AS REQUIRED BY THIS CHAPTER, WHERE AN ADDITION IMPACTS THE EXISTING BUILDING OR STRUCTURE, THAT PORTION SHALL COMPLY WITH THIS CODE. 1102.1 HEIGHT LIMITATIONS, AN ADDITION SHALL NOT INCREASE THE HEIGHT OF AN EXISTING BUILDING BEYOND THAT PERMITTED UNDER THE APPLICABLE PROVISIONS OF CHAPTER 5 OF THE BUILDING CODE OF NEW YORK STATE FOR NEW BUILDINGS. 1102.3 FIRE PROTECTION SYSTEMS, EXISTING FIRE AREAS INCREASED BY THE ADDITION SHALL COMPLY WITH CHAPTER 9 OF THE BUILDING CODE OF NEW YORK STATE. 1107.1 MINIMUM REQUIREMENTS, ADDITIONS TO EXISTING BUILDINGS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION.	SEE BC CHAPTER 10 SEE BC CHAPTER 29 SEE BC SECTION 1202 & 1204 SEE BC SECTION 803 & 804 SEE BC CHAPTER 5 SEE BC CHAPTER 9
CHAPTER 3: PROVISIONS FOR ALL COMPLIANCE METHODS SECTION 301 ADMINISTRATION	301.3 ALTERATION, ADDITION OR CHANGE OF OCCUPANCY, THE ALTERATION, ADDITION OR CHANGE OF OCCUPANCY OF ALL EXISTING BUILDINGS SHALL COMPLY WITH ONE OF THE METHODS LISTED IN SECTION 301.3.1, 301.3.2 OR 301.3.3 AS SELECTED BY THE APPLICANT. SECTIONS 301.3.1 THROUGH 301.3.3 SHALL NOT BE APPLIED IN COMBINATION WITH EACH OTHER. 301.3.2 WORK AREA COMPLIANCE METHOD, ALTERATIONS, ADDITIONS AND CHANGES OF OCCUPANCY COMPLYING WITH THE APPLICABLE REQUIREMENTS OF CHAPTERS 6 THROUGH 12 OF THIS CODE SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE.	SEE SECTIONS 301.3.2 & CHAPTERS 7, 8 & 10	SECTION 305 ACCESSIBILITY FOR EXISTING BUILDINGS	305.1 SCOPE, THE PROVISIONS OF SECTIONS 305.1 THROUGH 305.9 APPLY TO MAINTENANCE, CHANGE OF OCCUPANCY, ADDITIONS AND ALTERATIONS TO EXISTING BUILDINGS, INCLUDING THOSE IDENTIFIED AS HISTORIC BUILDINGS. 305.4 CHANGE OF OCCUPANCY, EXISTING BUILDINGS THAT UNDERGO A CHANGE OF GROUP OR OCCUPANCY SHALL COMPLY WITH THIS SECTION. 305.4.1 PARTIAL CHANGE OF OCCUPANCY, WHERE A PORTION OF THE BUILDING IS CHANGED TO A NEW OCCUPANCY CLASSIFICATION, ANY ALTERATIONS SHALL COMPLY WITH SECTIONS 305.6, 305.7 AND 305.8. 305.4.2 COMPLETE CHANGE OF OCCUPANCY, WHERE AN ENTIRE BUILDING UNDERGOES A CHANGE OF OCCUPANCY, IT SHALL COMPLY WITH SECTION 305.4.1 AND SHALL HAVE ALL OF THE FOLLOWING ACCESSIBLE FEATURES: 1. NOT FEWER THAN ONE ACCESSIBLE BUILDING ENTRANCE. 2. NOT FEWER THAN ONE ACCESSIBLE ROUTE FROM AN ACCESSIBLE BUILDING ENTRANCE TO PRIMARY FUNCTION AREAS. 3. SIGNAGE COMPLYING WITH SECTION 1111 OF THE BUILDING CODE OF NEW YORK STATE. 4. ACCESSIBLE PARKING, WHERE PARKING IS BEING PROVIDED. 5. NOT FEWER THAN ONE ACCESSIBLE PASSENGER LOADING ZONE, WHERE LOADING ZONES ARE PROVIDED. 6. NOT FEWER THAN ONE ACCESSIBLE ROUTE CONNECTING ACCESSIBLE PARKING AND ACCESSIBLE PASSENGER LOADING ZONES TO AN ACCESSIBLE ENTRANCE. WHERE IT IS TECHNICALLY INFEASIBLE TO COMPLY WITH THE NEW CONSTRUCTION STANDARDS FOR ANY OF THESE REQUIREMENTS FOR A CHANGE OF GROUP OR OCCUPANCY, ITEMS 1 THROUGH 6 SHALL CONFORM TO THE REQUIREMENTS TO THE MAXIMUM EXTENT TECHNICALLY FEASIBLE. 305.5 ADDITIONS, PROVISIONS FOR NEW CONSTRUCTION SHALL APPLY TO ADDITIONS, AN ADDITION THAT AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF, A PRIMARY FUNCTION SHALL COMPLY WITH THE REQUIREMENTS IN SECTION 305.7. 305.6 ALTERATIONS, A FACILITY THAT IS ALTERED SHALL COMPLY WITH THE APPLICABLE PROVISIONS IN CHAPTER 11 OF THE BUILDING CODE OF NEW YORK STATE, UNLESS TECHNICALLY INFEASIBLE, WHERE COMPLIANCE WITH THIS SECTION IS TECHNICALLY INFEASIBLE, THE ALTERATION SHALL PROVIDE ACCESS TO THE MAXIMUM EXTENT TECHNICALLY FEASIBLE. 305.7 ALTERATIONS AFFECTING AN AREA CONTAINING A PRIMARY FUNCTION, WHERE AN ALTERATION AFFECTS THE ACCESSIBILITY TO, OR CONTAINS AN AREA OF PRIMARY FUNCTION, THE ROUTE TO THE PRIMARY FUNCTION AREA SHALL BE ACCESSIBLE. THE ACCESSIBLE ROUTE TO THE PRIMARY FUNCTION AREA SHALL INCLUDE TOILET FACILITIES AND DRINKING FOUNTAINS SERVING THE AREA OF PRIMARY FUNCTION. EXCEPTIONS: 1. THE COSTS OF PROVIDING THE ACCESSIBLE ROUTE ARE NOT REQUIRED TO EXCEED 20 PERCENT OF THE COSTS OF THE ALTERATIONS AFFECTING THE AREA OF PRIMARY FUNCTION.	PROVIDED PROVIDED SEE SECTION 305.7 PROVIDED
CHAPTER 7: ALTERATIONS—LEVEL 1 SECTION 701 GENERAL	701.1 SCOPE, LEVEL 1 ALTERATIONS AS DESCRIBED IN SECTION 602 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. LEVEL 1 ALTERATIONS TO HISTORIC BUILDINGS SHALL COMPLY WITH THIS CHAPTER, EXCEPT AS MODIFIED IN CHAPTER 12. 701.2 CONFORMANCE, AN EXISTING BUILDING OR PORTION THEREOF SHALL NOT BE ALTERED SUCH THAT THE BUILDING BECOMES LESS SAFE THAN ITS EXISTING CONDITION.	PROVIDED, ALL EXISTING & NEW WORK TO COMPLY WITH MORE STRINGENT REQUIREMENTS OF EBC CHANGE OF OCCUPANCY & BC	CHAPTER 8: ALTERATIONS—LEVEL 2 SECTION 801 GENERAL	801.1 SCOPE, LEVEL 2 ALTERATIONS AS DESCRIBED IN SECTION 603 SHALL COMPLY WITH THE REQUIREMENTS OF THIS CHAPTER. EXCEPTION: BUILDINGS IN WHICH THE RECONFIGURATION IS EXCLUSIVELY THE RESULT OF COMPLIANCE WITH THE ACCESSIBILITY REQUIREMENTS OF SECTION 305.7 SHALL BE PERMITTED TO COMPLY WITH CHAPTER 7. 801.2 ALTERATION LEVEL 1 COMPLIANCE, IN ADDITION TO THE REQUIREMENTS OF THIS CHAPTER, ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 7. 801.3 COMPLIANCE, NEW CONSTRUCTION ELEMENTS, COMPONENTS, SYSTEMS, AND SPACES SHALL COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODE OF NEW YORK STATE.	PROVIDED, ALL EXISTING & NEW WORK TO COMPLY WITH MORE STRINGENT REQUIREMENTS OF EBC CHANGE OF OCCUPANCY & BC
SECTION 810 ENERGY CONSERVATION	810.1 MINIMUM REQUIREMENTS, LEVEL 2 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK STATE OR RESIDENTIAL CODE OF NEW YORK STATE AS THEY RELATE TO NEW CONSTRUCTION ONLY.	PROVIDED AT EXTERIOR INFILLS, NEW DOORS & WINDOWS & NEW HEATED STORAGE ONLY.	CHAPTER 10: CHANGE OF OCCUPANCY SECTION 1001 GENERAL	1001.2 CERTIFICATE OF OCCUPANCY, A CHANGE OF OCCUPANCY OR A CHANGE OF OCCUPANCY WITHIN A SPACE WHERE THERE IS A DIFFERENT FIRE PROTECTION SYSTEM THRESHOLD REQUIREMENT IN CHAPTER 9 OF THE BUILDING CODE OF NEW YORK STATE SHALL NOT BE MADE TO ANY STRUCTURE WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL. A CERTIFICATE OF OCCUPANCY SHALL BE ISSUED WHERE IT HAS BEEN DETERMINED THAT THE REQUIREMENTS FOR THE CHANGE OF OCCUPANCY HAVE BEEN MET. 1001.2.2 CHANGE OF OCCUPANCY CLASSIFICATION OR GROUP, WHERE THE OCCUPANCY CLASSIFICATION OF A BUILDING CHANGES, THE PROVISIONS OF SECTIONS 1002 THROUGH 1011 SHALL APPLY. THIS INCLUDES A CHANGE OF OCCUPANCY CLASSIFICATION AND A CHANGE TO ANOTHER GROUP WITHIN AN OCCUPANCY CLASSIFICATION.	CHANGE OF OCCUPANCY FOR ENTIRE EXISTING BUILDING: GROUP B: OFFICES & GROUP S-2: STORAGE TO NEW GROUP M: MERCANTILE-MARKET SEE SECTIONS 1002 THRU 1011
SECTION 1003 BUILDING ELEMENTS AND MATERIALS SECTION 1004 FIRE PROTECTION	1003.1 GENERAL, BUILDING ELEMENTS AND MATERIALS IN PORTIONS OF BUILDINGS UNDERGOING A CHANGE OF OCCUPANCY CLASSIFICATION SHALL COMPLY WITH SECTION 1011. 1004.1 GENERAL, FIRE PROTECTION REQUIREMENTS OF SECTION 1011 SHALL APPLY WHERE A BUILDING OR PORTIONS THEREOF UNDERGO A CHANGE OF OCCUPANCY CLASSIFICATION OR WHERE THERE IS A CHANGE OF OCCUPANCY WITHIN A SPACE WHERE THERE IS A DIFFERENT FIRE PROTECTION SYSTEM THRESHOLD REQUIREMENT IN CHAPTER 9 OF THE BUILDING CODE OF NEW YORK STATE.	SEE SECTION 1011 SEE BC SECTION 903 & 907 / NR			



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DOWNTOWN GRANT PROGRAM
PROPOSED FARMERS MARKET - RE-BID
GREEN STREET, PLATTSBURGH, NEW YORK 12901

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#	BY	DATE

CODE ANALYSIS

PROJECT NO. 20005
DATE 09-02-2020
DRAWN BY JK
CHECKED BY SEC

LS001

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LIFE SAFETY PLAN

PROJECT NO. 20005
 DATE 09-02-2020
 DRAWN BY JK
 CHECKED BY SEC

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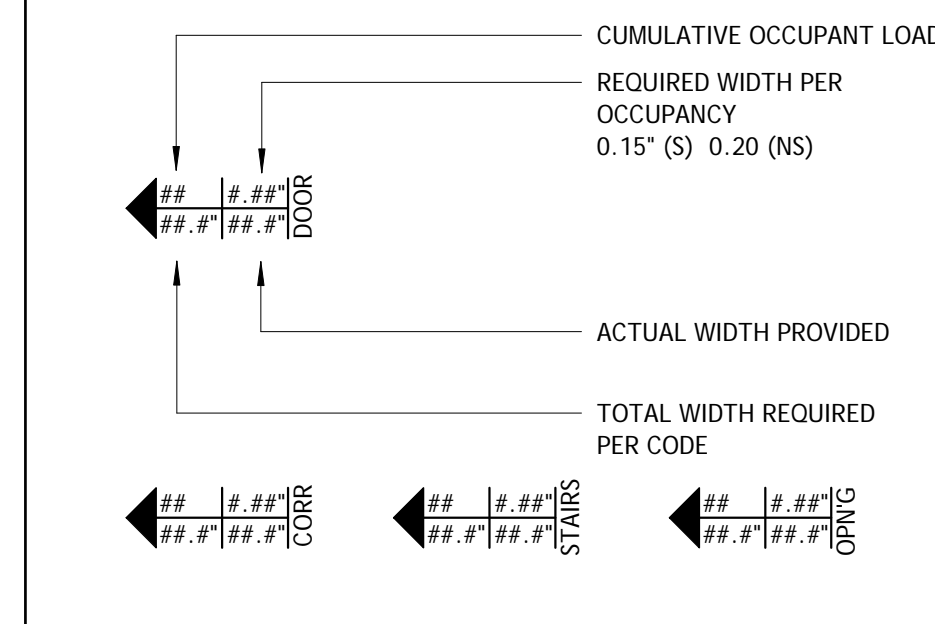
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LIFE SAFETY LEGEND

- BASED ON 2015 IBC
- FIRE WALLS (IBC 706)**
- 2 HR RATED FIRE WALL [Symbol]
- FIRE BARRIERS (IBC 707)**
- 1 HR RATED FIRE BARRIER [Symbol]
 - 2 HR RATED FIRE BARRIER [Symbol]
 - 3 HR RATED FIRE BARRIER [Symbol]
- FIRE PARTITIONS (IBC 708)**
- 1/2 HR RATED FIRE PARTITION [Symbol]
 - 1 HR RATED FIRE PARTITION [Symbol]
- SMOKE BARRIER (IBC 709)**
- 1 HR RATED SMOKE BARRIER [Symbol]
 - 2 HR RATED SMOKE BARRIER [Symbol]
- * PENETRATIONS PER (IBC 714.4)
 * JOINTS PER (IBC 715.6)
- SMOKE PARTITIONS (IBC 710)**
- NO FIRE RATING - CONSTRUCTED TO LIMIT THE PASSAGE OF SMOKE. [Symbol]

SYMBOLS

- EXTERIOR EXIT DOOR / EXIT STAIR [Symbol]
- HORIZONTAL EXIT [Symbol]
- ILLUMINATED EXIT SIGN W/ 90 MIN. NI-CAD BATTERY BACKUP / FACE W/ DIRECTIONAL ARROW [Symbol]
- EMERGENCY WALL LIGHT W/ 90 MIN. NI-CAD BATTERY BACKUP [Symbol]
- EMERGENCY CEILING LIGHT W/ 90 MIN. NI-CAD BATTERY BACKUP [Symbol]
- SURFACE MOUNTED FIRE EXTINGUISHER [Symbol]
- FIRE EXTINGUISHER CABINET [Symbol]
- FIRE HOSE CONNECTION CABINET [Symbol]
- STANDPIPE & FIRE HOSE CONNECTION [Symbol]
- KEY STATION (KNOX BOX) [Symbol]
- PATH OF TRAVEL AND DISTANCE [Symbol]
- EGRESS COMPONENTS (IBC 1005)



FIRE EXTINGUISHERS & KEY STATION SPECIFICATIONS

- FIRE EXTINGUISHER EQUAL TO 'POTTER POEMER' PORTABLE ABC MULTIPURPOSE CHEMICAL EXTINGUISHER PUBLIC AREAS: MODEL NO. 3005, (5LB-UL 2A:10B-C) SURFACE MOUNTED @ 48" HEIGHT TO TOP OF EXTINGUISHER W/ ADHESIVE LABEL IDENTIFIER LABEL MOUNTED ABOVE.
- KEY STATION (KNOX BOX) SHALL BE PURCHASED DIRECTLY FROM 'KNOX CO.' & OBTAIN ORDER FORM FROM LOCAL FIRE DEPT. - KNOX BOX SHALL BE SERIES 3200, RECESSED MOUNTED W/ HINGED DOOR W/O TAMPER SWITCH MOUNTED @ 48" ABOVE CONCRETE SIDEWALK TO TOP OF UNIT. FIELD VERIFY HEIGHT & LOCATION W/ OWNER/FIRE DEPT. PRIOR TO INSTALLATION.

PLUMBING FIXTURES COUNT

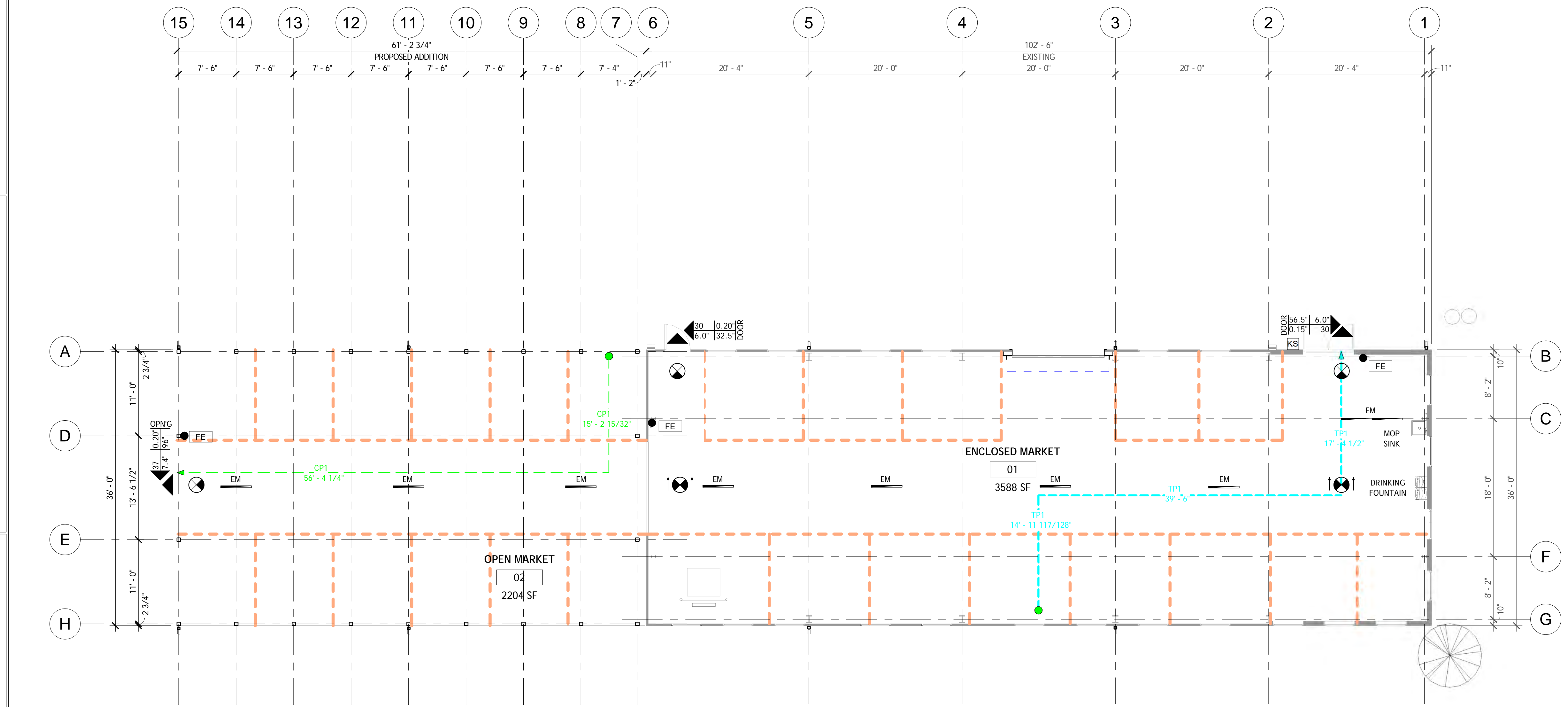
RM. NO.	NAME	AREA	S.F. PER PERSON	PERSONS	W.C. / OCCUPANT	LAVATORY COUNT/ OCCUPANT	DRINKING FOUNTAIN/ OCCUPANTS	REQ. W.C. (MALE)	REQ. W.C. (FEMALE)	REQ. LAVATORY (MALE)	REQ. LAVATORY (FEMALE)	SERVICE SINKS	REQ. DRINKING FOUNTAINS
01	ENCLOSED MARKET	3588 SF	60	60	500	750	1000	0.06	0.06	0.04	0.04	1	0.06
02	OPEN MARKET	2204 SF	60	37	500	750	1000	0.04	0.04	0.02	0.02	1	0.037
		5792 SF		97				0.10	0.10	0.06	0.06		0.097

TRAVEL DISTANCE

TRAVEL PATH	TRAVEL DISTANCE
CP1	56' - 4"
CP1-2	71' - 7"
TP1	39' - 6"
TP1	17' - 5"
TP1	15' - 0"
TP1: 3	71' - 10"

OCCUPANCY TABULATION PER 2015 IBC TABLE 1004.1.2

RM. NO.	NAME	ROOM OCCUPANCY	AREA	S.F. PER PERSON	PERSONS
01	ENCLOSED MARKET	Mercantile	3588 SF	60	60
02	OPEN MARKET	Mercantile	2204 SF	60	37

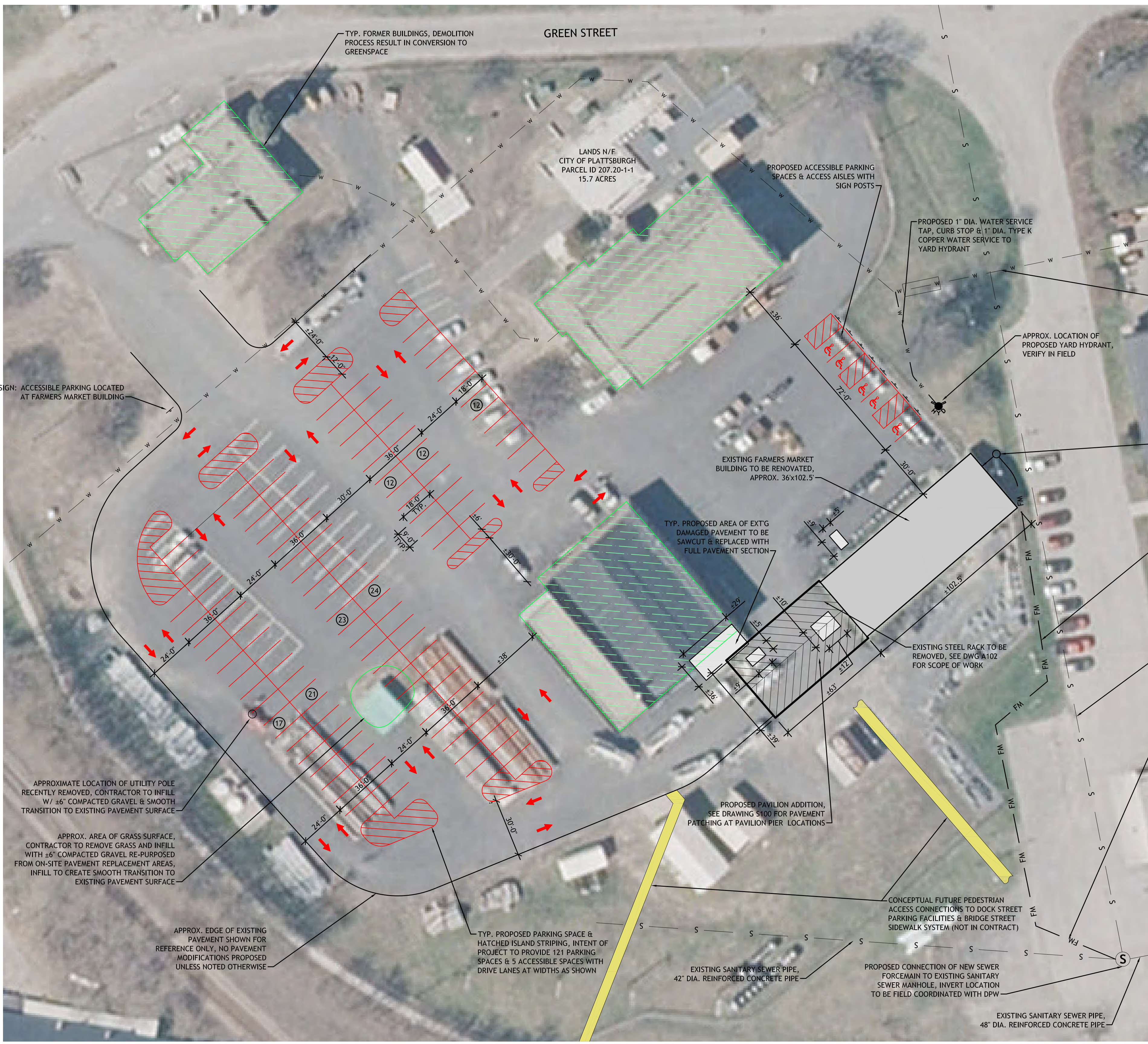


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#	BY	DATE

**SITE
 OVERVIEW
 PLAN**

PROJECT NO. 20005
 DATE 09-02-2020
 DRAWN BY JUL
 CHECKED BY MSC

- GENERAL NOTES**
- CONTRACTOR TO VERIFY LOCATION AND SIZES OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION (COORDINATE W/ UFPO @ 800-962-7962 OR PROPERTY OWNER IF AREA NOT RECOGNIZED BY UFPO).
 - ALL EXCAVATIONS SHALL BE BACKFILLED TO EXISTING GRADE AT THE END OF EACH WORK DAY. EXCAVATIONS NOT BACKFILLED SHALL BE FENCED OFF AND PROTECTED AS REQUIRED OR ORDERED BY THE ENGINEER.
 - THE PLANS SHOW SUBSURFACE STRUCTURES, ABOVE GROUND STRUCTURES, AND/OR UTILITIES FROM FILED LOCATIONS AND RECORD MAPPING. EXACT LOCATIONS OF THESE ITEMS MAY VARY FROM THE LOCATIONS INDICATED. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND RELATIONS TO OTHER WORK AND ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION & NOTIFY THE ENGINEERS IN WRITING OF ANY DISCREPANCIES.
 - THE CONTRACTORS WORK SHALL NOT VARY FROM THE PLANS WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
 - IN SO FAR AS PRACTICABLE, EXISTING VEGETATION SHALL BE PRESERVED UNTIL PERMANENT VEGETATIVE COVER CAN BE ESTABLISHED. FOLLOWING COMPLETION OF CONSTRUCTION ALL PORTIONS OF THE SITE DISTURBED BY THE CONTRACTOR SHALL RECEIVE TOPSOIL, SEED AND MULCH. CONTRACTOR TO ENSURE ESTABLISHMENT OF VEGETATIVE COVER ON ALL EXPOSED SOIL AREAS.
 - DITCH LINES DISTURBED DURING CONSTRUCTION SHALL BE REGRADED TO ORIGINAL SLOPES, DEPTHS, AND INVERTS AS SOON AS PRACTICAL AFTER CONTRACT WORK IS COMPLETED.
 - IN NO CASE SHALL ERODIBLE MATERIALS BE STOCKPILED WITHIN 25 FEET OF ANY DITCH, STREAM OR OTHER SURFACE WATER BODY.
 - THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, CULVERTS, SIGNS AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL REQUIRED PERMITS, INSPECTIONS, CERTIFICATES, ETC. AND SHALL COMPLY WITH ALL REQUIRED PERMITS.
 - ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES AND REGULATIONS.
 - PRIOR TO THE START OF CONSTRUCTION STRAW BALE CHECK DAMS AND SILT FENCE SHALL BE INSTALLED AS INDICATED WITH ADDITIONAL INSTALLED AS FIELD CONDITIONS DICTATE. ALL EROSION CONTROL MEASURES SHALL BE KEPT IN GOOD CONDITION UNTIL FINAL VEGETATIVE COVER IS ESTABLISHED, AT WHICH TIME THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
 - THE CONTRACTOR SHALL INSPECT AND MAINTAIN THE INTEGRITY AND FUNCTION OF ALL TEMPORARY EROSION CONTROL MEASURES THROUGHOUT THE DURATION OF THE DEVELOPMENT PROCESS TO ASSURE PROPER FUNCTION. SILTATION BARRIERS SHALL BE MAINTAINED IN GOOD CONDITION AND REINFORCED, EXTENDED, REPAIRED, RE-SEEDED AND PROTECTED FROM FURTHER EROSION. ALL ACCUMULATED SEDIMENT SHALL BE REMOVED AND CONTAINED IN APPROPRIATE SPOIL AREAS. WATER SHALL BE APPLIED TO NEWLY SEEDING AREAS AS NEEDED UNTIL GRASS COVER IS WELL ESTABLISHED. TO EFFECTIVELY CONTROL WIND EROSION, WATER SHALL BE APPLIED TO ALL EXPOSED SOILS AS NECESSARY UNTIL GROUND COVER IS PERMANENTLY ESTABLISHED.
 - THE CONTRACTOR SHALL MAINTAIN IN PLACE ALL BURIED UTILITIES INCLUDING BUT NOT LIMITED TO PIPES, DRAINAGE CULVERTS, AND UNDERGROUND TELEPHONE AND ELECTRIC UNLESS OTHERWISE NOTED ON THE PLANS, AND SHALL ASSUME ALL COSTS AND EXPENSES FOR DAMAGES CAUSED DURING CONSTRUCTION. UNLESS OTHERWISE SPECIFIED, ANY AND ALL DAMAGES SHALL BE REPAIRED WITH THE SAME OR BETTER MATERIALS, AT THE CONTRACTORS EXPENSE.
 - THE CONTRACTOR SHALL AT ALL TIMES EXERCISE CAUTION IN HIS OPERATION AND PROVIDE FOR THE SAFETY AND PROTECTION OF ALL PERSONS ON OR ABOUT THE SITE. ALL PROVISIONS OF JOB SAFETY AND HEALTH STANDARDS AS REQUIRED BY THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE NYS DEPARTMENT OF LABOR SHALL BE OBSERVED BY THE CONTRACTOR.
 - ALL PROPOSED UTILITIES AND APPURTENANCES TO BE CONSTRUCTED IN COMPLIANCE WITH THE LOCAL MUNICIPALITIES CODE & STANDARDS GOVERNING THE INSTALLATION OF SUCH UTILITIES.
 - MISCELLANEOUS WORK NOT SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS SUCH AS PATCHING, BLOCKING, TRIMMING, ETC. SHALL BE PERFORMED AS REQUIRED TO MAKE THE WORK COMPLETE.
 - IT IS THE CONTRACTORS RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS AND TO COORDINATE WORK WITH ALL OTHER CONTRACTORS AND PROPERTY OWNER FOR THE SITE.
 - PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL STAKE OUT ALL ELEMENTS OF THE PROJECT (ENGINEER TO FIELD VERIFY LOCATIONS).
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING CONSTRUCTION. CONTRACTOR SHALL MAINTAIN EXISTING SITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION.
 - ALL FRAMES/COVERS WITHIN PAVED AREAS SHALL HAVE THE TOPS SET FLUSH WITH EXISTING PAVEMENT GRADE. IN LANDSCAPED AREAS, ALL FRAMES SHALL BE 0.1' ABOVE GRADE.



- PAVEMENT SURFACE PREP. NOTES:**
- CLEAN EXISTING PAVEMENT SURFACE & CRACKS OF ALL LOOSE MATERIAL, GRASS GROWTH & DEBRIS (CRACK SEALING NOT REQUIRED).
 - CONFORM TO ALL PAINT MANUFACTURERS INSTRUCTIONS FOR SURFACE PREP.
 - BLACK OUT ALL EXISTING WHITE PARKING STRIPING WITH APPROVED MATERIAL.

- SUB-BASE PREP NOTES:**
- WHERE LABELED AND/OR SHOWN FOR REMOVAL, DAMAGED PAVEMENT AREAS SHALL BE NEATLY SAWCUT BACK TO STABLE PAVEMENT SURFACE IN A RECTANGLE SHAPE.
 - EXCAVATE & INFILL REMOVED AREAS TO MEET THE TYP. PAVEMENT SECTION FOR REPLACEMENT.

- PAVEMENT MARKING NOTES**
- PARKING LOT STRIPING SHALL UTILIZE LATEX TRAFFIC MARKING PAINT.
 - SEE PROJECT MANUAL SECTION 32 1723.13 FOR MATERIAL SPECIFICATIONS.
 - CONTRACTOR SHALL PRELIMINARILY LAYOUT STRIPING AND DRIVE LANES PER DIMENSIONS SHOWN & COORDINATE AN INSPECTION WITH OWNER/ENGINEER TO VERIFY DESIGN INTENT PRIOR TO APPLYING PAVEMENT MARKINGS.

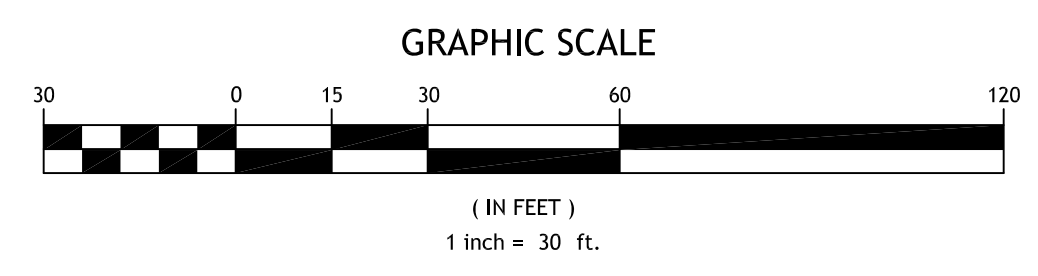
- YARD HYDRANT NOTES**
- CONTRACTOR SHALL FURNISH & INSTALL A FROST FREE YARD HYDRANT MEETING ASSE 1057 FOR BACKFLOW PREVENTION.
 - PROPOSED HYDRANT SHALL HAVE A 1" DIA. INLET CONNECTION AND 3/4" HOSE THREAD OUTLET COMPLETE WITH INTEGRAL DOUBLE CHECK BACKFLOW PREVENTER, AND A 6 FT BURY DEPTH.
 - PROPOSED HYDRANT SHALL MEET THE ADA REQUIREMENT OF OPERATING AT LESS THAN 5 LBS OF FORCE.
 - PROPOSED HYDRANT SHALL BE EQUAL TO EXECUTIVE MODEL #2136 AS MANUFACTURED BY HOEPFNER PERFECTED PRODUCTS (WWW.FREEZEFLOW.COM).

- SEWER CONNECTION NOTES**
- CONTRACTOR SHALL PROVIDE SANITARY SEWER PIPING FROM FARMERS MARKET FOUNDATION, SEE PLUMBING PLANS TO NEW PUMP STATION.
 - CITY OF PLATTSBURGH DEPT. OF PUBLIC WORKS TO BE NOTIFIED AND PRESENT FOR CONNECTION TO EXISTING MANHOLE, INVERT ELEVATION TO BE VERIFIED IN FIELD.

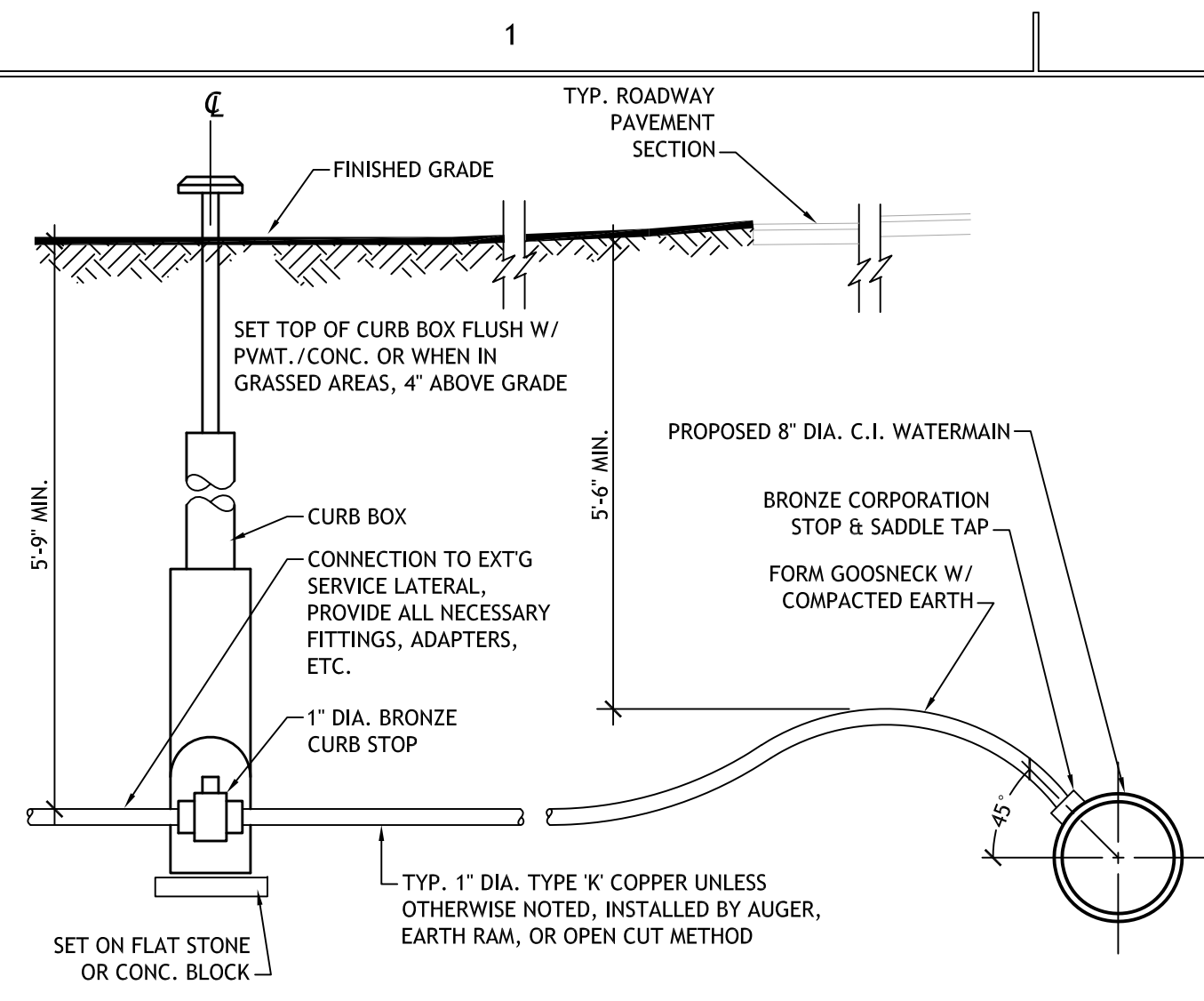
- PARKING NOTES**
- PROPOSED PARKING LOT CAPACITY = 121 SPACES PLUS 5 ACCESSIBLE PARKING SPACES
 - CHAPTER 270-25 OF CITY CODE (ZONING)
 - USE: MEETING HALL
 - PARKING DEMAND: 1 SPACE PER 4 SEAT CAPACITY
 - RESULTS IN 97 SPACES (15 SF PER PERSON OCCUPANCY FOR BLDG & PAVILION)
 - ACCESSIBLE PARKING SPACES ARE REQUIRED AT A RATE OF 1 ACCESSIBLE SPACE PER EVERY 25 TOTAL PARKING SPACES IN ACCORDANCE WITH TABLE 208.2 OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN

LEGEND

	EXTG / PROP. MANHOLE
	EXTG / PROP. WELL
	EXTG / PROP. MANHOLE
	EXTG / PROP. UTILITY POLE
	EXTG / PROP. FIRE HYDRANT
	EXTG / PROP. WATER CURB STOP
	EXTG / PROP. EASEMENT BOUNDARY
	BUILDING SETBACKS
	EXTG / PROP. TREE LINE
	PROPERTY LINE ABUTTERS
	EXTG / PROP. PROPERTY LINE
	EXTG / PROP. DITCH CENTERLINE
	101 - EXISTING GRADE CONTOUR
	102 - FINISHED GRADE CONTOUR
	12ST - EXTG / PROP. STORM DRAIN
	w - EXTG / PROP. WATER SERVICE
	s - EXTG / PROP. SEWER SERVICE
	g - EXTG / PROP. GAS MAIN
	uge - EXTG / PROP. UNDERGROUND UTILITIES
	OHE - EXTG / PROP. OVERHEAD UTILITIES
	EXTG / PROP. BUILDING
	EXTG / PROP. CONCRETE CURB (FULL / DROP)
	EXTG / PROP. CONCRETE SIDEWALK / PAD
	EXTG / PROP. PAVEMENT
	EXTG / PROP. GRAVEL



SITE PLAN
 SCALE: 1" = 30'

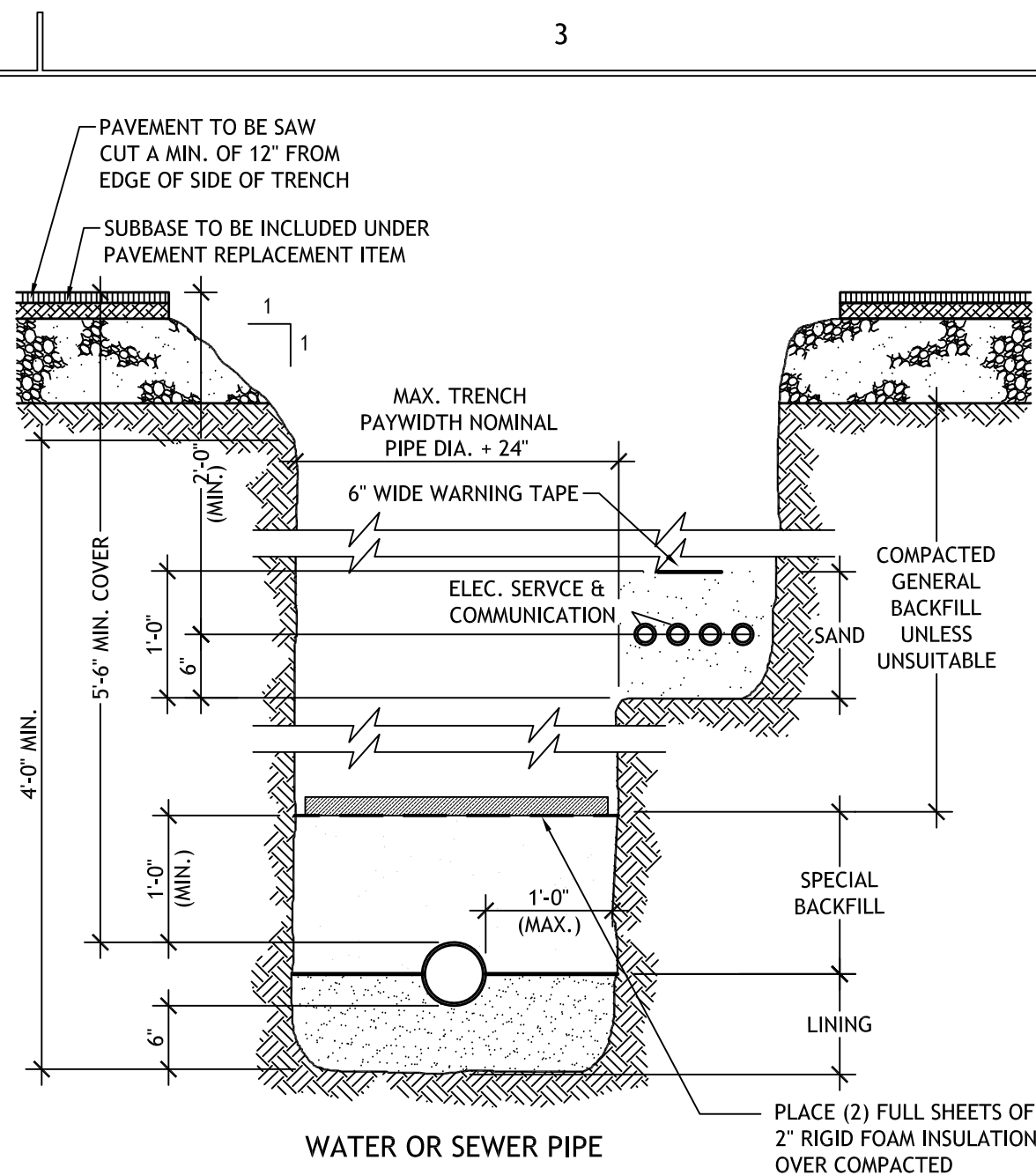


TYP. WATER SERVICE CONNECTION
N.T.S.

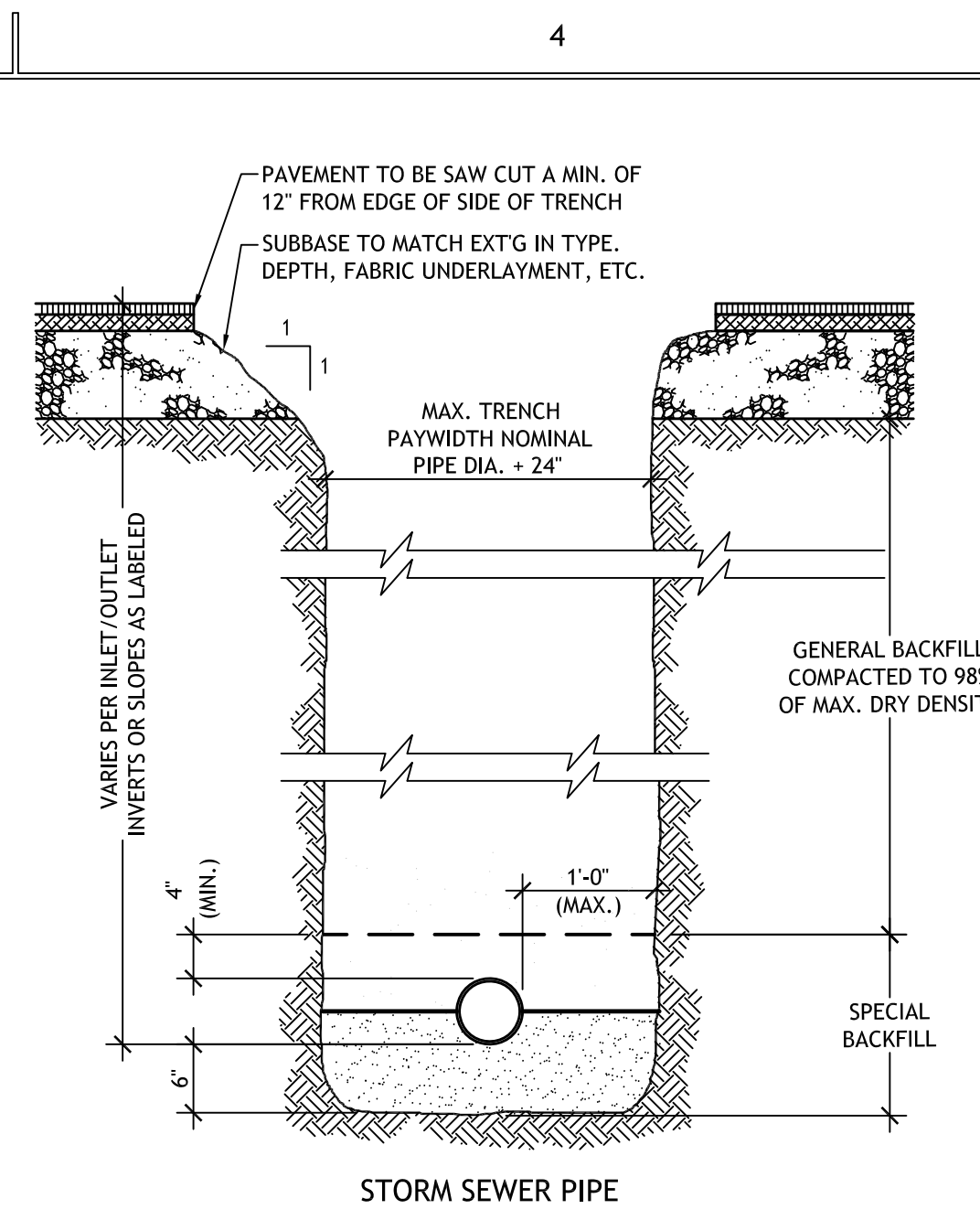
- NOTES:
- CORPORATION STOPS TO BE 4701BQ AS MANUFACTURED BY MCDONALD MFG. CO.
 - BALL STYLE CURB STOPS TO BE 6100Q AS MANUFACTURED BY MCDONALD MFG. CO.
 - STANDARD CURB BOXES TO BE MANUFACTURED BY MCDONALD MFG. CO., COMPATIBLE WITH CURB STOP & FULL EXTENSION LENGTH TO ACHIEVE SPECIFIED HEIGHT ABOVE GRADE.

- PIPE TRENCH NOTES:**
- LINING SHALL BE WELL GRADED, SCREENED GRAVEL, CRUSHED GRAVEL, OR CRUSHED STONE FREE OF EXCESSIVE AMOUNTS OF ORGANIC OR OTHER UNSUITABLE MATERIAL.
 - SCREENED GRAVEL SHALL CONSIST OF CLEAN, DURABLE GRAVEL, FREE FROM COATINGS.
 - CRUSHED GRAVEL SHALL CONSIST OF CLEAN, DURABLE ANGLED FRAGMENTS OF GRAVEL, FREE FROM COATINGS.
 - CRUSHED STONE SHALL CONSIST OF CLEAN, DURABLE SHARP-ANGLED FRAGMENTS OF ROCK OF UNIFORM QUALITY.
 - ALL LINING MATERIAL SHALL BE WELL GRADED FROM LARGE TO SMALL PARTICLE SIZE. ALL MATERIAL MUST BE CAPABLE OF BEING PASSED THROUGH A 1 1/2" SCREEN AND A MAXIMUM OF 15% SHALL PASS A 1/4" SCREEN.
 - GENERAL BACKFILL SHALL BE NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ANY ROCKS WITH A DIMENSION OF 8 INCHES OR LARGER, WITH NO FOREIGN MATERIAL OR FROZEN EARTH.
 - SPECIAL BACKFILL SHALL CONSIST OF SAND, GRAVEL OR BROKEN STONE FREE FROM ORGANIC OR OTHER UNSUITABLE MATERIAL. THE LARGEST STONE SHALL NOT EXCEED 1 1/2" ALONG ITS LONGEST DIMENSION.
 - WATER PIPING SHALL BE INSULATED WHEN A MINIMUM COVER OF 5'-6" IS NOT ACHIEVED DUE TO SITE CONSTRAINTS. PRIOR APPROVAL BY ENGINEER IS REQUIRED.
 - SELECT GRANULAR FILL TO BE USED IF EXT MATERIAL IS UNSUITABLE FOR REUSE & SHALL HAVE THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENT PASSING BY WEIGHT
4 INCH	100
NO. 40	0-70
NO. 200	0-15
 - THE MATERIAL SHALL BE SUBSTANTIALLY FREE OF SHALE, OR OTHER SOFT, POOR DURABILITY PARTICLES. IF TESTED, A MATERIAL WITH A MAGNESIUM SULFATE SOUNDNESS LOSS EXCEEDING 30% WILL BE REJECTED.



TYP. TRENCH DETAILS
N.T.S.



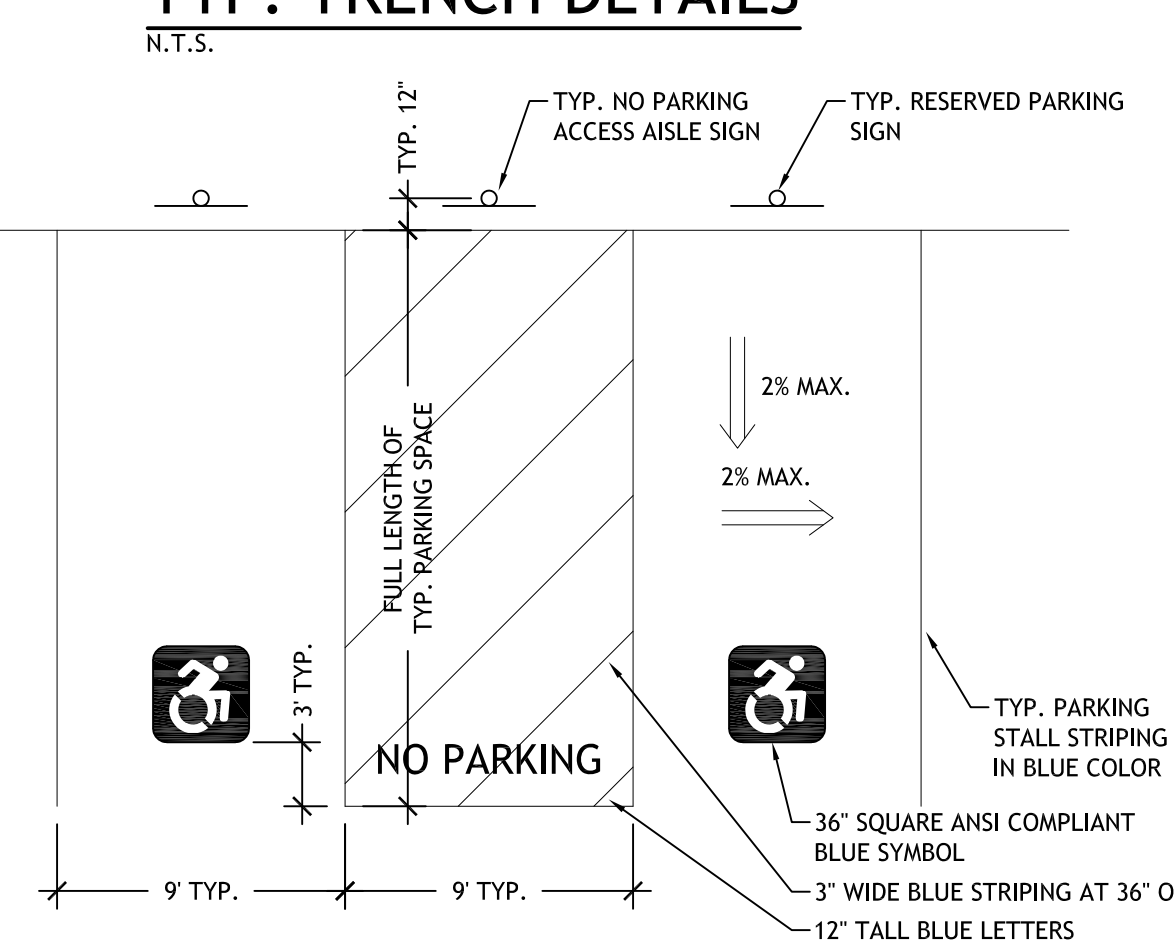
TYP. PAVEMENT SECTIONS
N.T.S.

- NOTES:
- ALL LISTED DEPTHS ARE POST-COMPACTION
 - WHERE NEW PAVEMENT ABUTS EXISTING PAVEMENT, SAWCUT EXISTING PAVEMENT FULL DEPTH IN A STRAIGHT LINE & PROVIDE PAVEMENT KEY BY MILLING TOP 1" OF EXISTING PAVEMENT A DISTANCE 4 FT BACK FROM THE SAWCUT.
 - APPLY ASPHALT PAVEMENT JOINT ADHESIVE, NYS DOT ITEM 418.7603, AT TOP COURSE PAVEMENT JOINT.
 - TACK COAT SHALL BE APPLIED AT ALL PAVEMENT SURFACES.



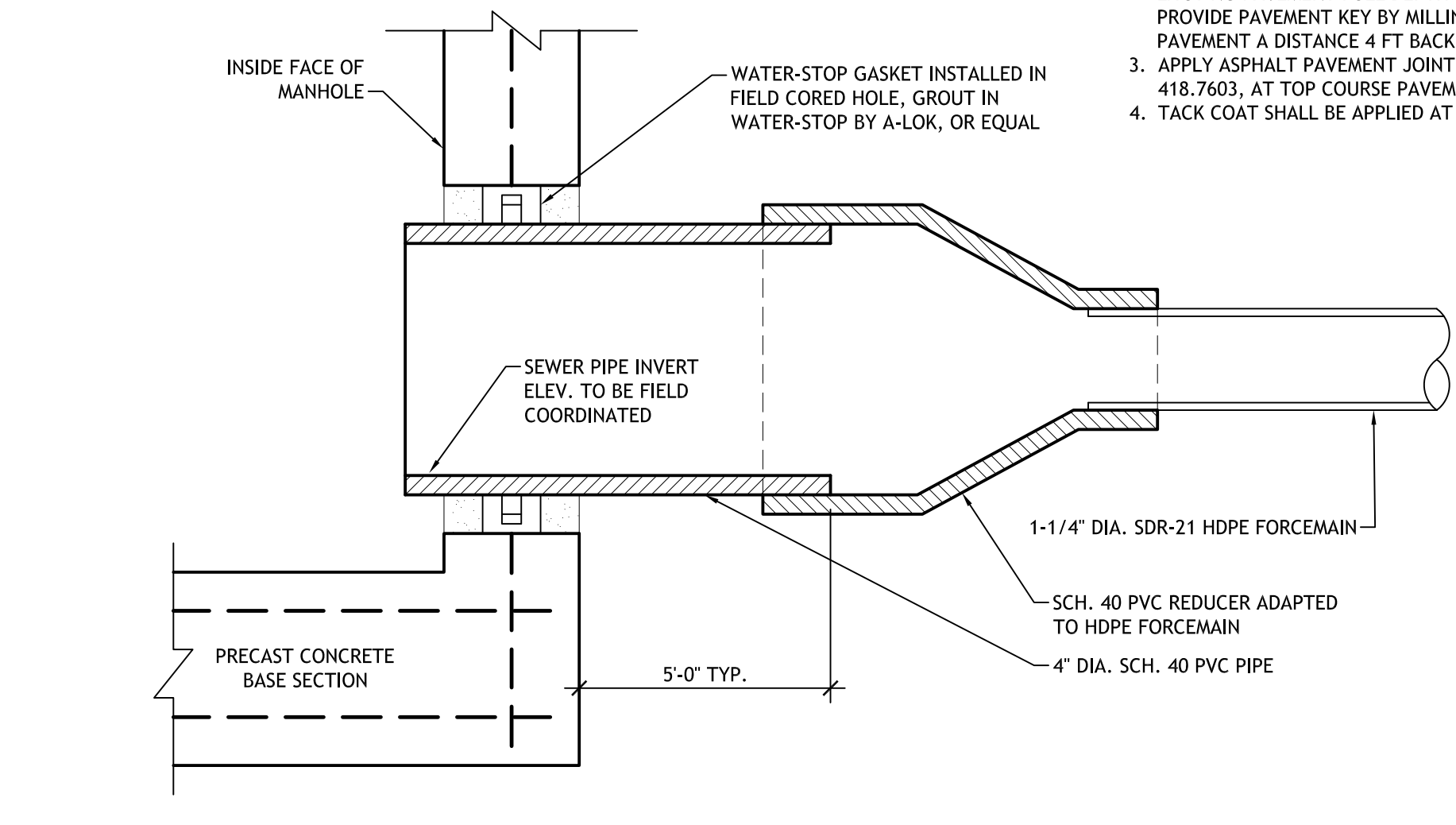
TYPICAL SIGN POST DETAIL
N.T.S.

- NOTES:
- BASE POST TO BE MAX. 4" ABOVE GRADE, TWO 3/8" DIA. HEX HEAD BOLTS W/ NUTS & WASHERS TO CONNECT BASE POST & TOP POST SPACED 4" APART.
 - MOUNTING HEIGHT TO BE 7'-0" ABOVE GRADE AND MINIMUM OF 5'-0" ABOVE ADJACENT EDGE OF PAVEMENT ELEVATION, WHICHEVER IS HIGHEST.
 - SIGN POST TO BE "BREAK-AWAY", PER NYS DOT STANDARD HWP.



TYP. ACCESSIBLE PARKING SPACE DETAIL
N.T.S.

- NOTES:
- MAXIMUM GRADE IN ACCESSIBLE PARKING SPACES AND ACCESS AISLE SHALL BE 2% IN ANY DIRECTION.
 - PARKING SPACES SHALL BE LAID OUT & STRIPED WITH SIGNAGE IN CONFORMANCE WITH ANSI A117.1-2003 CHAPTER 502.
 - SEE TYP. TRAFFIC & PARKING SIGNAGE DETAILS FOR SIGN INFORMATION & MOUNTING ASSEMBLIES.



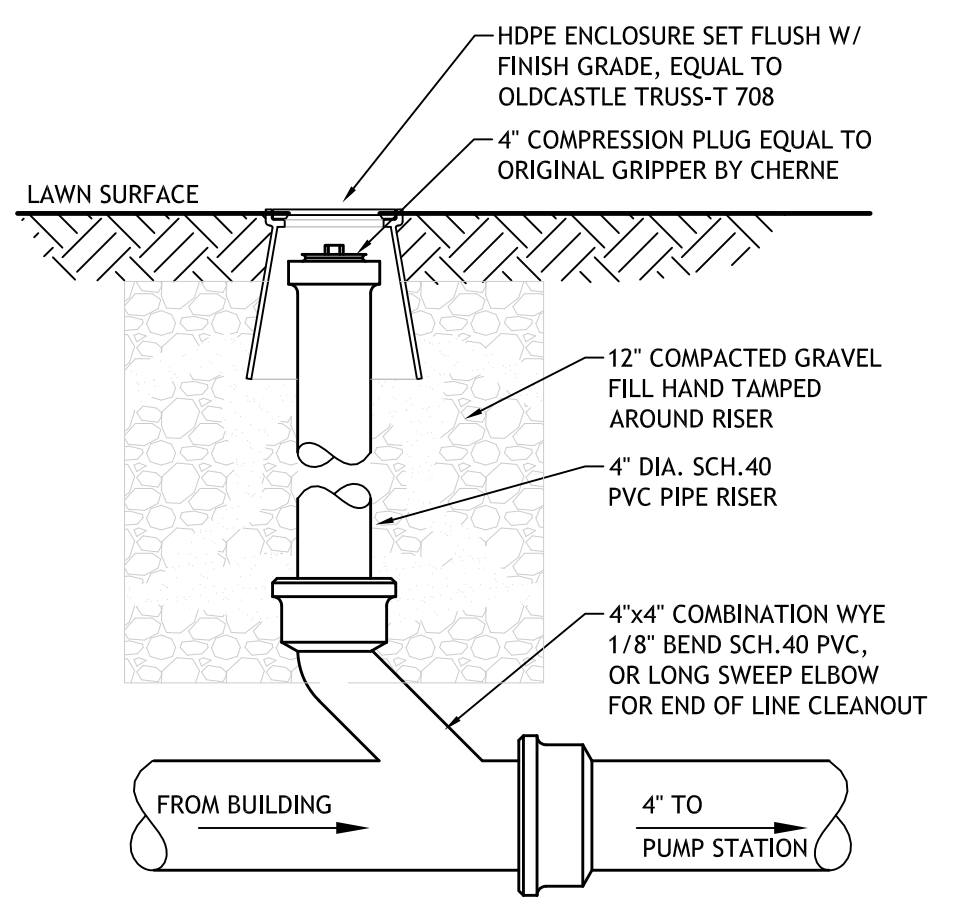
TYP. MANHOLE CONNECTION DETAIL
N.T.S.

- NOTES:
- CONTRACTOR TO COORDINATE CORING OF EXISTING MANHOLE WITH MUNICIPALITY FOR CONFORMANCE WITH LOCAL STANDARDS & INSPECTION REQUIREMENTS.
 - FIELD CORE DIAMETER SHALL BE PER WATER-STOP GASKET MANUFACTURER'S REQUIREMENTS.

- EROSION CONTROL NOTES**
- ALL EROSION CONTROL PROCEDURES SHALL CONFORM TO "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL" PREPARED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION.
 - THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING ALL PHASES OF DEVELOPMENT, WITH A MAXIMUM OF 5 ACRES EXPOSED AT ANY ONE TIME. THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME AND SHALL BE PERMANENTLY STABILIZED IMMEDIATELY FOLLOWING FINISHED GRADING.
 - AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED: (A) BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED, (B) A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED, (C) A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP RAP HAS BEEN INSTALLED, OR (D) EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
 - LAND SHALL NOT BE LEFT EXPOSED DURING WINTER MONTHS. SEE WINTER CONSTRUCTION NOTES.
 - ALL EROSION AND SILTATION CONTROL FACILITIES SHALL BE CONSTRUCTED PRIOR TO THE INITIATION OF EARTHWORK AND UTILITIES CONSTRUCTION. ALL SWALES AND CULVERT OUTLETS SHALL BE STABILIZED PRIOR TO RECEIVING ANY STORM WATER.
 - PROVIDE EROSION CONTROL MATTING ON SLOPES STEEPER THAN 3:1. PROVIDE CHOPPED STRAW MULCH ON LOAMED AND SEEDED AREAS LESS THAN 3:1. ANY SLOPES RECEIVING CONCENTRATED RUNOFF SHALL BE PROTECTED WITH EROSION CONTROL MATTING OR RIPRAP.
 - ALL STRUCTURAL CONTROLS INCLUDING SILT FENCE AND INLET/OUTLET PROTECTIONS SHALL BE INSTALLED WHERE SHOWN PRIOR TO ANY ON-SITE GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL. IT SHOULD BE MAINTAINED DURING AND AFTER DEVELOPMENT TO REMOVE SEDIMENT FROM RUNOFF WATER AND FROM LAND UNDERGOING DEVELOPMENT. WHERE POSSIBLE NATURAL DRAINAGE WAYS SHOULD BE UTILIZED AND LEFT OPEN TO REMOVE EXCESS SURFACE WATER.
 - TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISHED GRADING OF ALL EXPOSED AREAS.
 - AREAS TO BE FILLED SHALL BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, OR OTHER OBJECTIONABLE MATERIAL.
 - ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT UTILITIES, STRUCTURES, AND PIPING, ETC., SHALL BE COMPACTED TO A MINIMUM OF 98% MAXIMUM DENSITY AT OPTIMUM MOISTURE ACCORDING TO ASTM 1557 D.
 - ALL FILL SHALL BE PLACED AND COMPACTED IN LAYERS NOT TO EXCEED 8 INCHES IN THICKNESS.
 - FILL MATERIAL SHALL BE FREE OF BRUSH, RUBBISH, ROCKS, LOGS, STUMPS, BUILDING DEBRIS, AND OTHER OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS. FROZEN MATERIAL OF SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
 - ALL BENCHES SHALL BE KEPT FREE OF SEDIMENT DURING ALL PHASES OF DEVELOPMENT.
 - SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATIONS FOR SUBSURFACE DRAIN OR OTHER APPROVED METHODS.
 - BAILED STRAW AND MULCH SHALL BE MOVINGS OF ACCEPTABLE HERBACEOUS GROWTH FREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY, NO SALT HAY SHALL BE USED.
 - PORTIONS OF THE SITE MUST BE STABILIZED WITHIN 14 DAYS WHERE CONSTRUCTION ACTIVITY IS TEMPORARILY OR PERMANENTLY CEASED.
 - MAJOR HAUL ROUTES AND AREAS OF SOIL DISTURBANCE SHALL BE WATERED AS NECESSARY TO MINIMIZE DUST NUISANCE. WHERE PRACTICAL, THEY SHOULD BE STABILIZED (COMPACTED, RIPRAP, ETC.) TO REDUCE OFF-SITE TRANSPORT OF SOIL AND OTHER MATERIAL. IF SEDIMENT SHOULD ACCUMULATE ON SURROUNDING PAVEMENT, REGULAR SWEEPING SHALL BE CONDUCTED.
 - CONCRETE TRUCKS SHALL NOT WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON-SITE. THESE ACTIVITIES MUST BE PERFORMED AT AN APPROVED LOCATION IN ACCORDANCE WITH LOCAL & STATE REGULATIONS.

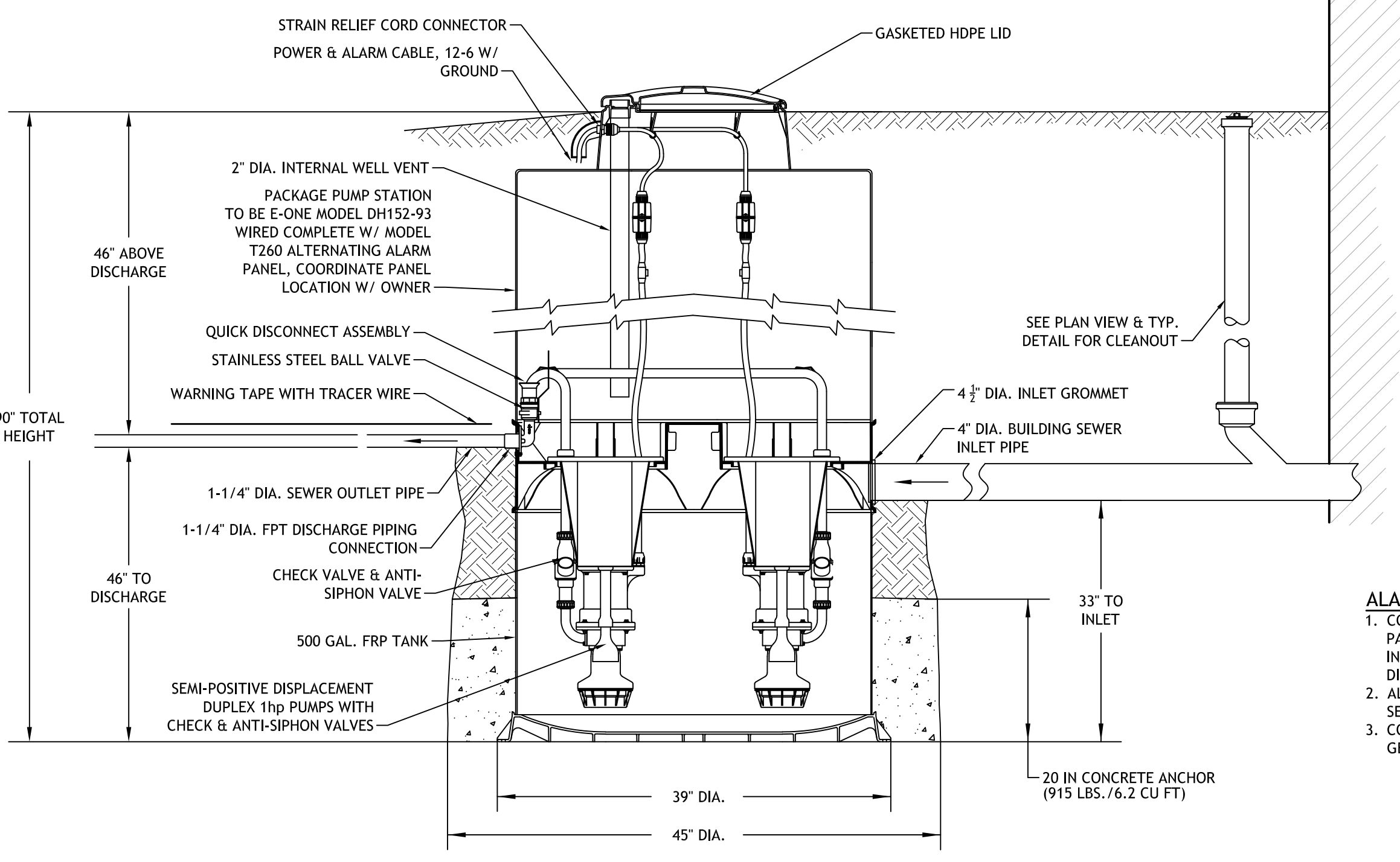
- SEEDING SPECIFICATIONS**
- ALL TEMPORARY AND PERMANENT SEEDING SHALL BE DONE IN ACCORDANCE WITH "NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION & SEDIMENT CONTROL", JULY 2016, BY NYSDEC.
- ALL DISTURBED AREAS TO BE SEEDDED SHALL BE TREATED AS FOLLOWS:
- PREPARE SURFACE IN ACCORDANCE WITH NYSDEC STORMWATER DESIGN MANUAL PG. 4-59 STANDARD AND SPECIFICATION FOR TOPSOILING, WITH A 6" DEPTH OF TOPSOIL. AREAS OF HEAVY TRAFFIC OR FORMERLY IMPERVIOUS SHALL HAVE SOIL RESTORATION PERFORMED.
 - SURFACE SHALL BE GRADED TO DIVERT WATER FROM SITE TO PREVENT KILLING VEGETATION DUE TO PONDED WATER.
 - ROCKS AND OTHER DEBRIS SHALL BE REMOVED FROM THE SITE OR BURIED DURING GRADING.
 - LINE SHALL BE APPLIED IN THE FORM OF AGRICULTURAL GROUND LIMESTONE TO ESTABLISH A SOIL PH OF 6.5 AND SHALL BE INCORPORATED INTO THE TOP 3 INCHES OF SURFACE MATERIAL. 5-5-10 FERTILIZER SHALL BE APPLIED AT APPROXIMATELY 850 LBS PER ACRE.
 - THE FOLLOWING SEED MIXTURES SHALL BE UNIFORMLY BROADCAST BY HYDROSEEDER AT THE RATES SHOWN.
 - TEMPORARY COVER:
 - SUMMER - RYEGRASS (ANNUAL OR PERENNIAL) @ 30 LBS PER ACRE
 - WINTER - CERTIFIED "AROSTOOK" WINTER RYE @ 100 LBS PER ACRE
 - PERMANENT COVER:

SPECIES	APPL. RATE	APPL. RATE
65% CREEPING RED FESCUE	85-114 LBS/AC	2.0-2.6 LBS/1000SF
20% PERENNIAL RYEGRASS	26-35 LBS/AC	0.6-0.8 LBS/1000SF
15% FINE FESCUE	19-26 LBS/AC	0.4-0.6 LBS/1000SF
TOTAL MIX	130-175 LBS/ACRE	3.0-4.0 LBS/1000SF
 - THE HYDROSEEDING SLURRY SHALL CONTAIN HIGH GRADE 70% PAPER / 30% WOOD MULCH AND AN ORGANIC COMPOSITION TACKIFIER.
 - OPTIMAL PLANTING DATES ARE EARLY SPRING UNTIL END OF MAY AND AUGUST THROUGH EARLY OCTOBER, SPECIAL CONSIDERATIONS FOR WATERING SHALL BE GIVEN IF PLANTING OCCURS BETWEEN JUNE AND JULY.
 - AFTER GRASS COVER IS ESTABLISHED, INSPECT FOR BARE SPOTS OR WASHOUTS, REPAIR TOPSOIL AS NEEDED & REAPPLY SEED BY HAND TO FILL IN ALL UNVEGETATED VOIDS.
 - VEGETATIVE GROWTH MUST ACHIEVE 95% COVERAGE WITH NO BARE AREAS GREATER THAN 18 INCHES IN DIAMETER PRIOR TO ISSUANCE OF SUBSTANTIAL COMPLETION.



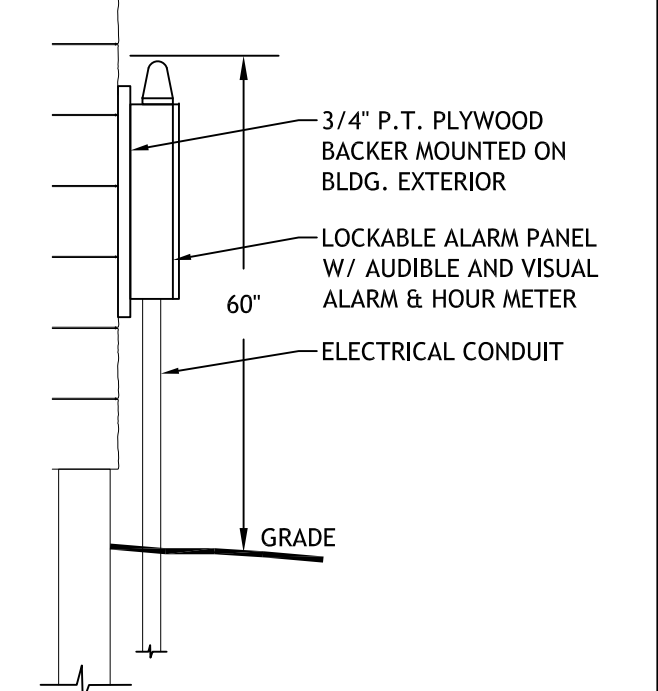
TYP. CLEANOUT DETAIL
N.T.S.

- NOTES:
- FOR BUILDING SEWER PIPE SIZES OTHER THAN 4" DIA., RISER PIPE AND ELBOW/WYE TO MATCH DIAMETER OF BUILDING SEWER PIPE.

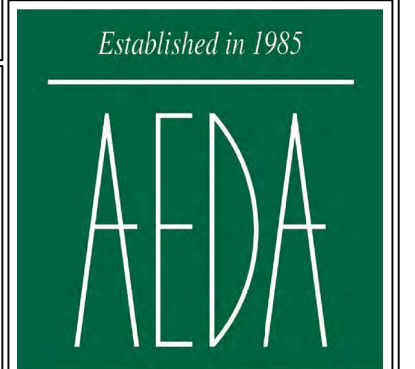


TYP. SEWER DUPLEX GRINDER PUMP STATION
N.T.S.

- NOTES:
- BASIS OF DESIGN IS AN INTEGRATED GRINDER PUMP, WETWELL AND CONTROL SYSTEM, AS SHOWN AN DH152-93 PACKAGE SYSTEM BY EONE SEWER SYSTEMS, OR EQUAL.
 - EONE SEMI-POSITIVE DISPLACEMENT 1hp PUMP IS RATED FOR 14 GPM AT 15 FT HEAD.



- ALARM NOTE:**
- CONTRACTOR TO VERIFY LOCATION OF ALARM/CONTROL PANEL BOX WITH OWNER. CONTROL PANEL TO BE INSTALLED BUILDING EXTERIOR OR 4x4 P.T. POST, AS DIRECTED.
 - ALARM SHALL BE SENTRY PROJECT PLUS DUPLEX PLAN ON SEPARATE CIRCUIT FROM PUMP.
 - CONTROL PANEL TO INCLUDE OPTIONAL HOUR METER AND GENERATOR RECEPTACLE WITH AUTO TRANSFER.

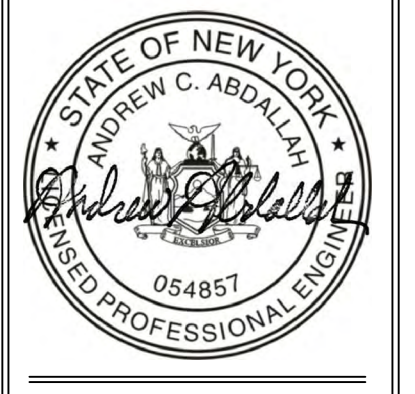


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**CITY OF PLATTSBURGH - DRI
DOWNTOWN GRANT PROGRAM
PROPOSED FARMERS MARKET - RE-BID**
GREEN STREET, CITY OF PLATTSBURGH, CLINTON COUNTY, NY

CONSTRUCTION DOCUMENT PHASE SERVICES 100%



REVISIONS		
#	BY	DATE

SITE DETAILS

PROJECT NO. 20005
DATE 09-02-2020
DRAWN BY JUL
CHECKED BY MSC

C501

FOUNDATION NOTES

- SUBMIT DETAILED SHOP DRAWINGS INDICATING REINFORCEMENT SIZE, SPACING AND PLACEMENT TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO FABRICATION. INCLUDE DETAILS AND LOCATIONS OF ALL CURBS, CONSTRUCTION JOINTS, SLAB DEPRESSIONS, SLEEVES, OPENINGS, ETC.
- DETAIL, FABRICATE, LABEL, SUPPORT AND PLACE ALL CONCRETE REINFORCEMENT IN ACCORDANCE WITH THE ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE," APPLICABLE EDITIONS.
- HORIZONTAL JOINTS IN CONCRETE POURS ARE NOT PERMITTED.
- REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR CURBS, PADS, DEPRESSIONS, WALL/SLAB OPENINGS, SPECIAL FLOOR FINISHES, ETC.
- PROVIDE EPOXY COATED REINFORCING BARS IN THE TOP LAYER OF LOADING DOCKS.
- WALLS WITH A SINGLE LAYER OF VERTICAL REINFORCEMENT SHALL BE LOCATED ON THE EXPANSION SIDE OF THE WALL.
- ALL REINFORCING BARS SHALL BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO REQUIREMENTS OF ASTM SPEC A615 GR. 60 (60,000 PSI MIN. YIELD).
- ALL WELDED WIRE FABRIC SHALL BE PLAIN, COLD DRAWN, ELECTRICALLY WELDED FABRIC CONFORMING TO REQUIREMENTS FOR ASTM SPECIFICATION A185, USING BRIGHT BASIC WIRE MEETING ASTM SPEC. A82.
- ALL REINFORCING MARKED CONTINUOUS (CONT.) SHALL BE LAPPED 40 BAR DIAMETER AT SPLICES AND CORNERS AND SHALL BE HOOKED OR EXTENDED 40 BAR DIAMETER AT NON CONTINUOUS ENDS. TOP BARS SHALL BE LAPPED AT MID SPAN. BOTTOM BARS SHALL BE LAPPED AT SUPPORTS.
- REINFORCEMENT SHALL BE SECURELY TIED IN ITS PROPER PLACE BEFORE AND DURING CONCRETE PLACEMENT OPERATIONS USING APPROVED CHAIRS AND SPACERS.
- THE CONCRETE CONTRACTOR SHALL INSTALL OR GIVE OTHER TRADES AMPLE OPPORTUNITY TO INSTALL ALL ANCHORS, BOLTS, PLATES, NAILERS, SLOTS, CHASES, PIPE SLEEVES, ETC AS REQUIRED BY ALL TRADES. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE SETTING SCREDS AND FORMS. SEE TYP. FOUNDATION DETAILS.
- PROVIDE CLEARANCES FROM FACES OF CONCRETE TO REINFORCEMENT AS FOLLOWS: (UNLESS NOTED OTHERWISE)
 - CONCRETE CAST AGAINST EARTH
 - 3" (ALL BARS)
 - CONCRETE EXPOSED TO EARTH OR WEATHER
 - 2" (#6 AND LARGER)
 - 1-1/2" (#5 AND SMALLER)
 - CONCRETE NOT EXPOSED TO EARTH OR WEATHER
 - SLABS, WALLS AND JOISTS 3/4" (#11 AND SMALLER)
 - BEAMS AND COLUMNS (MAIN STEEL AND TIES) 1-1/2" (ALL BARS)
- BEAR FOOTINGS ON FIRM UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL.
- FRAMED SLABS AND BEAMS SHALL BE PLACED MONOLITHICALLY EXCEPT WHERE SHOWN OTHERWISE AND SHALL BE FINISHED AS INDICATED IN THE SPECIFICATIONS. JOINTS IN FRAMED SLABS SHALL BE LOCATED SO THAT EACH INDIVIDUAL PLACEMENT DOES NOT EXCEED 60 FEET IN LENGTH. JOINTS SHALL BE PLACED AT POINTS OF MINIMUM SHEAR.
- CLEAN AND MOISTEN ALL CONSTRUCTION JOINTS IMMEDIATELY PRIOR TO PLACING FRESH CONCRETE.
- LAP WELDED WIRE REINFORCEMENT ONE FULL MESH PANEL (TYPICALLY) AND TWO FULL MESH PANELS (AT CONSTRUCTION JOINTS) AND TIE SECURELY.
- ALLOW THE OWNER'S TESTING AGENCY TO REVIEW THE REINFORCING PLACEMENT PRIOR TO PLACING ANY CONCRETE. PROVIDE ADEQUATE ADVANCE NOTICE.
- REFER TO ACI 305 FOR REQUIREMENTS FOR PLACING CONCRETE IN HOT WEATHER AND TO ACI 306 FOR REQUIREMENTS FOR PLACING CONCRETE IN COLD WEATHER.
- FOOTINGS HAVE BEEN DESIGNED FOR A SOIL BEARING PRESSURE OF 2,000 psf. BEARING STRATUM FOR THIS CAPACITY SHALL BE VERIFIED IN FIELD BY A LICENSED GEOTECHNICAL ENGINEER BEFORE CASTING CONCRETE FOOTINGS.
- UNLESS OTHERWISE NOTED, BOTTOM OF EXTERIOR FOOTINGS IS 5 FEET MINIMUM BELOW FINISH GRADE AND BOTTOM OF INTERIOR FOOTINGS IS 2 FEET MINIMUM BELOW SLAB. FOOTINGS MAY BE STEPPED DOWN OR LOWERED TO REACH AN ACCEPTABLE 2,000 PSF BEARING STRATUM AS DETERMINED BY GEOTECHNICAL ENGINEER.
- SOIL BEARING SURFACES PREVIOUSLY ACCEPTED BY GEOTECHNICAL ENGINEER WHICH ARE ALLOWED TO BECOME SATURATED, FROZEN, OR DISTURBED SHALL BE REWORKED TO SATISFACTION OF GEOTECHNICAL ENGINEER.
- WHERE FOOTING ELEVATIONS ARE LOWERED DUE TO SOIL CONDITIONS, LOWER ADJACENT FOOTINGS IN ELEVATION IN ORDER THAT RATIO OF CLEAR DISTANCE BETWEEN NEAREST EDGE OF FOOTINGS TO DIFFERENCE IN ELEVATION BETWEEN BOTTOMS OF FOOTINGS SHALL NOT EXCEED 2H:1V.
- FOUNDATION PREPARATION: REFER TO SPECIFICATIONS FOR "EXCAVATION, BACKFILL, AND COMPACTION (BUILDING AREA)."
- STRIP AND PROOF ROLL ENTIRE BUILDING AREA. PLACE AND COMPACT STRUCTURAL FILL TO REACH REQUIRED SUBGRADE LEVELS. VERIFY PROCEDURES WITH GEOTECHNICAL ENGINEER BEFORE BEGINNING. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- DO NOT PLACE FOOTINGS IN WATER OR ON FROZEN GROUND.
- DO NOT ALLOW GROUND BENEATH FOOTINGS TO FREEZE.
- CENTER FOOTINGS UNDER WALLS, PIERS, AND COLUMNS UNLESS NOTED OTHERWISE.
- WHERE REQUIRED, STEP NEW FOOTINGS UP OR DOWN IN RATIO OF TWO HORIZONTALS TO ONE VERTICAL TO JOIN EXISTING FOOTINGS.
- CONCRETE WALLS SHALL ATTAIN A MINIMUM STRENGTH OF 70% FC BEFORE PLACING BACKFILL AGAINST THEM.
- PROVIDE CORNER BARS IN FOOTINGS, THE SAME SIZE AND NUMBER AS CONTINUOUS REINFORCEMENT. PROVIDE CLASS B LAP SPLICE WITH MAIN REINFORCEMENT, BUT NOT LESS THAN 2'-0".
- CAST STEPPED FOOTINGS MONOLITHICALLY.
- DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING, TERMINATED WITH A C.I. STANDARD 90 DEGREE HOOK. PROVIDE CLASS B LAP SPLICE WITH VERTICAL REINFORCEMENT UNLESS NOTED OTHERWISE.
- AT INTERSECTIONS OF CONCRETE WALLS, PROVIDE CORNER BARS IN OUTER LAYER THE SAME SIZE AND SPACING AS HORIZONTAL REINFORCEMENT AND PROVIDE A CLASS B LAP SPLICE WITH MAIN REINFORCEMENT, BUT NOT LESS THAN 2'-0". AT "T" INTERSECTIONS, PROVIDE CORNER BARS FROM EACH LAYER IN INTERSECTING WALL TO OUTER LAYER OF THROUGH WALL.
- PROVIDE KEYS IN CONCRETE WALLS, GRADE BEAMS, AND FOOTINGS AT VERTICAL CONSTRUCTION JOINTS UNLESS NOTED OTHERWISE. KEYS SHALL BE 1 1/2 INCHES DEEP AND THE WIDTH OF THE KEY SHALL BE ONE-THIRD THE WALL THICKNESS AND CENTERED WITHIN THE WALL.
- CAST CONCRETE PIERS AND COLUMNS IN CONCRETE WALLS MONOLITHICALLY WITH WALLS.
- ALIGN FOUNDATION WALL CONSTRUCTION JOINTS WITH MASONRY WALL CONTROL JOINTS.
- VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS.
- PIPING, CONDUIT, AND DUCT PENETRATIONS THROUGH STRUCTURAL SLABS AND WALLS SHALL BE SLEEVED OR CHASED. NO CORE-DRILLING OF SLABS OR WALLS IS PERMITTED. PENETRATIONS ARE NOT PERMITTED THROUGH COLUMNS, PIERS, BEAMS, GRADE BEAMS, AND JOISTS.
- CHAMFER EXPOSED CONCRETE CORNERS AND EDGES 3/4 INCH UNLESS NOTED OTHERWISE.
- REMOVE ALL ORGANIC AND UNSUITABLE MATERIAL PRIOR TO PLACING FILL. PLACE FILL IN HORIZONTAL LIFTS NOT TO EXCEED 8 INCHES IN LOOSE THICKNESS AND COMPACT TO A MINIMUM OF 95% MODIFIED PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT. IF ACCEPTABLE TO THE OWNER'S GEOTECHNICAL ENGINEER, ON-SITE MATERIALS THAT MEET PROJECT SPECIFICATION REQUIREMENTS MAY BE USED FOR ENGINEERED FILL IF MAINTAINED AT OPTIMUM MOISTURE CONTENT AND COMPACTED TO THE ABOVE CRITERIA. SELECT BORROW MATERIALS WILL BE REQUIRED WHEN ON-SITE MATERIALS ARE UNSUITABLE OR CANNOT BE COMPACTED TO THE CRITERIA STATED ABOVE.
- BACKFILL AGAINST FOUNDATION WALLS BELOW GRADE SO THAT THE DIFFERENCE IN THE FILL LEVEL ON OPPOSITE SIDES OF THE WALL DOES NOT EXCEED 1'-0" AT ANY TIME. COMPACT TO 92% MODIFIED PROCTOR DENSITY. BRACE ALL FOUNDATION WALLS AND GRADE BEAMS DURING THE OPERATION OF BACKFILLING AND COMPACTION. LEAVE BRACING IN POSITION UNTIL PERMANENT RESTRAINTS BECOME EFFECTIVE.
- ALLOW THE OWNER'S GEOTECHNICAL ENGINEER TO INSPECT ALL FINISHED EXCAVATIONS AND BEARING SUBGRADES BEFORE PLACING CONCRETE. DO NOT PLACE CONCRETE IN ANY EXCAVATION CONTAINING FREE WATER, FROST, ICE OR FROZEN GROUND. PROVIDE ALL MEASURES NECESSARY TO PREVENT FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADE, BOTH BEFORE AND AFTER CONCRETE PLACEMENT AND UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT BUILDING STRUCTURE.
- USE SIDE FORMS FOR ALL FOOTINGS. CLEAN REINFORCEMENT IMMEDIATELY PRIOR TO PLACING CONCRETE. PLACE THE CONCRETE FOR EACH FOOTING IN ONE CONTINUOUS POUR.
- ALL PIERS AND FOOTINGS SHALL BE CENTERED ON THE COLUMN LINES UNLESS OTHERWISE NOTED.
- COORDINATE JOINTS WITH FINISHED FLOOR JOINTS.
- SLOPE SLAB TO FLOOR DRAINS. REFER TO PLUMBING DRAWINGS.
- PROVIDE ONLY CONCRETE AND REINFORCING MATERIALS OF THE TYPES AND GRADES LISTED BELOW:
 - ALL CONCRETE REINFORCING:
 - TYPICAL BARS, WELDED BARS, AND WELDED WIRE REINFORCEMENT - GRADE ASTM A615,
 - GRADE 60 ASTM A706, AND GRADE 60 ASTM A1064
 - UNIT WEIGHT - 150 PCF
 - FC - 4000 PSI

WOOD FRAMING NOTES

- ALL WOOD CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" BY THE AMERICAN WOOD COUNCIL AND TO LOCAL BUILDING CODES.
- ALL WOOD IN THESE BUILDINGS MUST BE NON-TROPICAL, REUSED OR RECLAIMED, OR CERTIFIED BY THE FOREST STEWARDSHIP COUNCIL, OR USGBC-APPROVED EQUIVALENT.
- ALL LUMBER IN DIRECT CONTACT W/ CONCRETE TO BE PRESSURE TREATED. PRESERVATIVE TREATED WOOD MEMBERS SHALL BE NO. 2 GRADE AND BETTER SOUTHERN YELLOW PINE.
- ALL FASTENERS INTO OR IN CONTACT WITH PRESSURE TREATED MATERIAL, INCLUDING ANCHOR BOLTS, HANGERS, NAILS, ETC. TO BE DOUBLE DIP GALVANIZED OR STAINLESS STEEL.
- ALL WOOD MEMBERS SHALL BE OF ANY SPECIES AND GRADE MEETING OR EXCEEDING STRESS GRADING REQUIREMENTS AS FOLLOWS:

BENDING (FB)	SHEAR (FV)	MODULUS OF ELASTICITY (E)
SELECT/STRUCTURAL	1250 PSY70 PSI	1,500,000 PSI
NO. 1/NO.2	875 PSI 70 PSI	1,400,000 PSI
NO.3	500 PSI 70 PSI	1,200,000 PSI
- ALL PRESERVATIVE TREATED WOOD MEMBERS SHALL BE NO. 2 GRADE AND BETTER SOUTHERN PINE.
- CONTINUITY IN FRAMING SHALL BE PROVIDED AT ALL BEARING WALLS IN ORDER TO TRANSFER THE LOADS TO THE FOUNDATION OR OTHER FRAMING. FULL DEPTH BLOCKING SHALL BE USED IN THE FLOOR FRAMING UNDER WOOD POST OR BUILT-UP STUDS TO PROVIDE FULL BEARING THROUGH FRAMING. DOUBLE JOIST SHALL BE USED UNDER ALL PARTITIONS PARALLEL TO JOIST.
- ALL WOOD HEADERS AT BEARING WALLS SHALL BE A MINIMUM OF 3-2X12 UNLESS OTHERWISE NOTED ON PLANS. WOOD MEMBERS USED FOR HEADERS OR BUILT-UP BEAMS SHALL NOT HAVE CHECKS OR SPLITS LONGER THAN THE WIDE FACE WIDTH.
- JOIST HANGERS USED FOR FLUSH FRAMING SHALL BE APPROVED BY THE ENGINEER PRIOR TO USE.
- LAMINATED VENEER LUMBER (LVL) AND PARALLEL STRAND LUMBER (PSL) DESIGN, FABRICATION AND CONSTRUCTION SHALL BE ESTABLISHED AND MONITORED IN ACCORDANCE WITH ASTM D 5456. PREFABRICATED WOOD I-JOISTS, STRUCTURAL CAPACITIES AND DESIGN PROVISIONS FOR PREFABRICATED WOOD I-JOISTS SHALL BE ESTABLISHED AND MONITORED IN ACCORDANCE WITH ASTM D 5055. ENGINEERED WOOD RIM BOARD, ENGINEERED WOOD RIM BOARDS SHALL CONFORM TO ANSI/APA PRR 410 OR SHALL BE EVALUATED IN ACCORDANCE WITH ASTM D 7672. STRUCTURAL CAPACITIES SHALL BE IN ACCORDANCE WITH ANSI/APA PRR 410 OR ESTABLISHED IN ACCORDANCE WITH ASTM D 7672. RIM BOARDS CONFORMING TO ANSI/APA PRR 410 SHALL BE MARKED IN ACCORDANCE WITH THAT STANDARD. ENGINEERED WOOD PRODUCTS, LVL AND PSL SHALL MEET OR EXCEED ALLOWABLE DESIGN STRESSES AS FOLLOWS:

1. BENDING (FB)	SHEAR (FV)	MODULUS OF ELASTICITY (E)
2.	285 PSI	1,900,000 PSI
3.	(USE SIZE FACTOR ADJUSTMENT)	
- PLYWOOD SHEATHING SHALL BE APA RATED SHEATHING EXPOSURE 1. ALL PLYWOOD WHICH HAS ANY EDGE OR SURFACE PERMANENTLY EXPOSED TO THE WEATHER SHALL BE EXTERIOR TYPE. PANEL THICKNESS SHALL BE AS SHOWN ON PLANS AND MINIMUM PANEL SPAN RATING SHALL BE 48/24 FOR FLOORS, 40/20 FOR ROOFS AND 32/16 FOR SIDE WALLS. ALL PLYWOOD ROOF SHEATHING SHALL HAVE PLYCLIPS AT MID SPAN. APPLICATIONS SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF THE AMERICAN PLYWOOD ASSOCIATION.
- ALL HURRICANE CLIPS AT ALL WOOD TRUSSES TO BE EQUAL TO SIMPSON STONG-TIE MODEL H1.
- WALL SHALL BE BRACED WITH A CONTINUOUS LAYER OF 7/16" OSB SHEATHING FASTENED IN ACCORDANCE WITH TABLE R602.10.4. BLOCKING PER R602.10.10, EXCEPTION 3.
- BRACED WALL LINES ARE ACHIEVED USING 7/16" OSB SHEATHING (METHOD 3) OR GYPSUM PANEL OF 1/2" OR GREATER THICKNESS (METHOD 5) FASTENED PER TABLE R602.3(2).
- WINDOWS SHALL BE DESIGNED TO RESIST WIND LOADS INDICATED ON TABLE R301.2(2), WITH HEIGHT AND EXPOSURE ADJUSTMENTS FROM THE TABLE R301.2(3) PER THE RESIDENTIAL CODE OF NYS. (SEE TABLE R301.2(2))
- AFFIX A SIGN OR SYMBOL SATISFACTORY TO THE BUILDING CODE OFFICIAL ADJACENT TO THE ELECTRIC METER ON THE BUILDING EXTERIOR INDICATING THAT THE STRUCTURE HAS BEEN CONSTRUCTED WITH PRE-ENGINEERED WOOD TRUSSES.

EXCAVATION NOTES

- REFER TO DIVISION 31 SPECIFICATIONS SECTION - EARTH MOVING FOR BUILDINGS AND STRUCTURES FOR REQUIREMENTS IN ADDITION TO THOSE LISTED BELOW.
- EXCAVATION MAY PROCEED BY CONVENTIONAL METHODS TO WITHIN 2.5 FEET OF THE PROPOSED FINAL SUBGRADES. PERFORM EXCAVATION TO FINAL SUBGRADE USING A BACKHOE EQUIPPED WITH A SMOOTH BLADE TO MINIMIZE DISTURBANCE OF THE BEARING SUBGRADE.
- DO NOT EXTEND THE GENERAL EXCAVATION ACROSS THE SITE DEEPER THAN 1'-0" BELOW THE SLAB-ON-GROUND SUBGRADE ELEVATION. PERFORM THE EXCAVATIONS FOR SPREAD FOOTINGS, MATS, PITS, ETC. ON AN INDIVIDUAL, LOCALIZED BASIS DOWN FROM THE SLAB-ON-GROUND SUBGRADE ELEVATION.
- PROVIDE POSITIVE PROTECTION FOR ALL EXCAVATION SLOPES AGAINST INSTABILITY AND DEGRADATION DUE TO RAIN, WIND, SNOW OR ICE.
- RETAIN THE PERIMETER OF THE GENERAL EXCAVATION WITH A SOIL RETENTION SYSTEM AS NECESSARY. THE DESIGN, INSTALLATION, MAINTENANCE AND REMOVAL OF THE SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR. PROVIDE ALL MEASURES AND PRECAUTIONS NECESSARY TO MINIMIZE SETTLEMENT OF EXISTING OR NEW CONSTRUCTION INSIDE OR OUTSIDE OF THE PROJECT LIMITS. REPAIR ANY DAMAGE TO NEW OR EXISTING CONSTRUCTION INSIDE OR OUTSIDE PROJECT LIMITS CAUSED BY CONSTRUCTION TECHNIQUES OR MOVEMENTS OF THE SOIL RETENTION SYSTEM.
- THE EXPOSED SUBGRADE SOILS MAY BE SENSITIVE TO DISTURBANCE AND STRENGTH DEGRADATION WHEN HIGH MOISTURE CONTENTS ARE PRESENT. MINIMIZE CONSTRUCTION TRAFFIC OVER EXPOSED SUBGRADES. DO NOT POND WATER ON THE SUBGRADES. CONTROL SURFACE AND GROUND WATER BY PROPER SITE GRADING, PERIMETER CUTOFF TRENCHES, AND SUMP AND PUMP METHODS OF DEWATERING. CONSTRUCT ALL CUTOFF TRENCHES AND SUMPS OUTSIDE THE INFLUENCE OF PROPOSED FOUNDATIONS.

CONCRETE NOTES

- ALL CONCRETE SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" OF THE AMERICAN CONCRETE INSTITUTE (ACI 318) AND LOCAL BUILDING CODES. ALL CONCRETE WORK SHALL BE AS SPECIFIED AND RECOMMENDED BY ACI FIELD REFERENCE MANUAL SP-15.
- ALL CONCRETE WORK SHALL CONFORM TO THE ACI "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" (ACI 318), LATEST EDITION.
- STRENGTH OF 4000 PSI AT 28 DAYS FOR SLABS AND SIDEWALKS, 3,500 PSI FOR FOOTINGS AND FOUNDATION WALLS UNLESS NOTED OTHERWISE.
- REFER TO DIVISION 3 SPECIFICATION SECTIONS FOR REQUIREMENTS IN ADDITION TO THOSE LISTED HEREIN. A QUALITY CONTROL PROGRAM OF FIELD TESTING AND INSPECTION WILL BE PERFORMED ON ALL STRUCTURAL CONCRETE WORK IN ACCORDANCE WITH THE SPECIFICATIONS. SCHEDULE WORK AND PROVIDE ACCESS TO ALLOW THE TESTING REQUIREMENTS TO BE COMPLETED.
- SUBMIT ENGINEERED CONCRETE MIX DESIGNS, INCLUDING REQUIRED BACKUP DATA, FOR EACH TYPE OF CONCRETE PROPOSED FOR USE TO THE ARCHITECT/ENGINEER FOR REVIEW. ALLOW ADEQUATE TIME FOR REVIEW PRIOR TO PERFORMING CONCRETE WORK.
- DO NOT USE CALCIUM CHLORIDE IN ANY CONCRETE.
- PROVIDE AIR-ENTRAINING IN CONCRETE AS SET FORTH IN THE SPECIFICATIONS.
- REFER TO ACI 305 FOR REQUIREMENTS FOR PLACING CONCRETE IN HOT WEATHER AND TO ACI 306 FOR REQUIREMENTS FOR PLACING CONCRETE IN COLD WEATHER.
- ALL AGGREGATE FOR USE IN CONCRETE SHALL BE 100% LOCALLY PRODUCED, BEING MINED & PROCESSED WITHIN 100 MILES OF THE PROJECT SITE.

DESIGN DATA

- CODES AND STANDARDS:**
- BUILDING CODE OF NEW YORK STATE 2015.
 - EXISTING BUILDING CODE OF NEW YORK STATE 2015.
 - ASCE STANDARD 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES.
 - ACI 318-05 BUILDING CODE REQUIREMENTS FOR STANDARD CONCRETE.
 - ACI 530-05 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES.
 - AISC 360-05 SPECIFICATIONS FOR STRUCTURAL STEEL BUILDING.

DESIGN DATA:

- SNOW LOADS
 - GROUND SNOW LOAD Pg: 60 PSF
 - SNOW EXPOSURE FACTOR: 1.0
 - IMPORTANCE FACTOR: 1.0
 - THERMAL FACTOR: 1.0
- WIND LOADS
 - BASIC WIND SPEED: ASCE 7-16: 105 MPH
 - IMPORTANCE FACTOR: 1.0
 - WIND EXPOSURE CATEGORY: C
- SEISMIC DESIGN
 - DESIGN CATEGORY: B
 - SPECTRAL RESPONSE COEFF: SDS = 0.420, SD1 = 0.185
 - IMPORTANCE FACTOR: 1.0
 - SITE CLASS: D
 - SEISMIC FORCE RESISTING SYSTEM: TIMBER FRAMING
 - RESPONSE MODIFICATION COEFF: R = 1.5
 - ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE METHOD
- SOIL BEARING PRESSURE ON COMPACT STRUCTURAL FILL OR EXISTING SUBGRADE: 2,000 PSF
- SLAB ON GRADE MODULUS OF SUBGRADE REACTION: 150 PCF

ROOF TRUSS NOTES

- TRUSS DESIGNS ARE SHOWN SCHEMATICALLY AND SHALL BE DESIGNED BY THE TRUSS MANUFACTURER. THE TRUSS SHOP DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER. TRUSS SYSTEMS MUST INDICATE EXACT DESIGN TO BE USED AND ALL BRACING AND LIFTING INSTRUCTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING SHOP DRAWINGS TO THE ENGINEER/OWNER FOR APPROVAL PRIOR TO FINAL ORDER. THE TRUSSES SHALL BE DESIGNED WITH THE FOLLOWING LOADS:

GROUND SNOW LOAD:	60 PSF
ROOF DEAD LOAD, TOP & BTM CHORD:	10 PSF
ROOF DEAD LOAD, BTM CHORD:	5 PSF
- TRUSS MANUFACTURER TO REVIEW & MAKE NECESSARY REVISIONS TO ROOF FRAMING AS REQUIRED FROM SUGGESTED TRUSS LAYOUT & DESIGN.
- TRUSS MANUFACTURER TO DESIGN/SPECIFY ALL TRUSS HANGERS & CONNECTORS THROUGHOUT AS REQUIRED. DO NOT MODIFY MANUFACTURED HANGERS OR FASTENING DEVICES.
- CONTRACTOR SHALL SUPPLY & INSTALL ALL MISCELLANEOUS BRACING SPECIFIED BY THE TRUSS MANUFACTURER.

SLAB-ON-GRADE NOTES

- SUBGRADE BELOW SLAB-ON-GRADE SHALL BE REVIEWED AND ACCEPTED BY GEOTECHNICAL ENGINEER BEFORE CONCRETE SLAB PLACEMENT.
- PROVIDE PROTECTION FROM PRECIPITATION AND EXCESSIVE COLD TEMPERATURES FOR THE VAPOR RETARDER AND SLAB SUBBASE PRIOR TO SLAB-ON-GRADE PLACEMENT. SUBBASE MUST BE DRY AND NOT FROZEN AT THE TIME OF SLAB PLACEMENT.
- DO NOT PLACE SLABS ON FROZEN GROUND. IF SUBGRADE OR SUBBASE ARE FROZEN AFTER PREPARATION THEY SHALL BE THAWED THEN RE-COMPACTED AND RETESTED FOR COMPACTION PRIOR TO SLAB PLACEMENT AT THE EXPENSE OF THE CONTRACTOR.
- PROVIDE PROTECTION FOR THE SLAB-ON-GRADE FROM DIRECT EXPOSURE TO THE SUN, WIND, PRECIPITATION, AND EXCESSIVE COLD OR HOT TEMPERATURES STARTING DURING PLACEMENT AND LASTING UNTIL THE END OF THE CURING PERIOD. DO NOT ALLOW GROUND BENEATH SLABS TO FREEZE.
- PRIOR TO SLAB PLACEMENT, SUBMIT FOR INFORMATION ONLY A WRITTEN PROTECTION PROGRAM FOR THE VAPOR RETARDER, SLAB SUBBASE, AND SLAB ON GRADE.
- SLAB JOINTS ARE REQUIRED WHERE SHOWN ON PLAN. WHERE JOINTS ARE NOT SHOWN, SEE OPTION FOR SLAB PLACEMENT IN DIVISION 3 SPECIFICATIONS.
- PROVIDE A SQUARE EDGE FORM JOINT FOR CONSTRUCTION JOINTS AND A SAW-CUT JOINT FOR CONTRACTION JOINTS IN SLABS ON GRADE. SUBMIT JOINT LAYOUT TO THE ENGINEER FOR REVIEW.
- REINFORCE SLABS AS NOTED ON DRAWINGS. AT PERIMETER OF SLABS, LOCATE REINFORCING 3 INCHES FROM SLAB EDGES. CONTINUE 50 PERCENT OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
- PROVIDE ONE #4 BAR, 4 FEET LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLABS ON GRADE.
- THICKEN SLABS ON GRADE TO 8 INCHES AND REINFORCE AS SHOWN ON DETAIL /UNDER NONBEARING MASONRY WALLS (6 INCHES THICK OR OVER) WHERE THE WALL HEIGHT EXCEEDS 12 FEET, AND UNDER STAIR STRINGER BEARING POINTS. COORDINATE REQUIRED LOCATIONS WITH ARCHITECTURAL DRAWINGS.
- SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DETAILS OF DEPRESSED SLABS.
- VERIFY SIZE AND LOCATION OF PLATFORMS, CURBS, OR PADS WITH MECHANICAL CONTRACTOR.
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- SLABS ON GRADE SHALL BE PLACED OVER A POROUS 12 INCH LAYER OF COMPACTED DRAINAGE FILL (MINIMUM), UNLESS OTHERWISE SHOWN ON PLANS. PROVIDE 6x6-W1.4 x W1.4 WELDED WIRE FABRIC CENTERED IN ALL SLABS ON GRADE UNLESS OTHERWISE SHOWN. PLACE ALL SLABS-ON-GROUND IN A LINEAR PATTERN BETWEEN CONSTRUCTION JOINTS IN WIDTHS NOT TO EXCEED 20 FEET. ALLOW A MINIMUM OF 24 HOURS BETWEEN ADJACENT POURS.
- FRAMED SLABS AND BEAMS SHALL BE PLACED MONOLITHICALLY EXCEPT WHERE SHOWN OTHERWISE AND SHALL BE FINISHED AS INDICATED IN THE SPECIFICATIONS. JOINTS IN FRAMED SLABS SHALL BE LOCATED SO THAT EACH INDIVIDUAL PLACEMENT DOES NOT EXCEED 60 FEET IN LENGTH. JOINTS SHALL BE PLACED AT POINTS OF MINIMUM SHEAR.
- SAWCUT SLABS TO ONE-QUARTER OF SLAB DEPTH, MINIMUM, IN THE PATTERN SHOWN ON PLANS. START SAWCUTTING AS SOON AS THE SAW WILL NOT RAVEL EDGES OR DISLODGE AGGREGATE, BUT IN NO CASE MORE THAN 12 HOURS AFTER THE SLAB IS PLACED.



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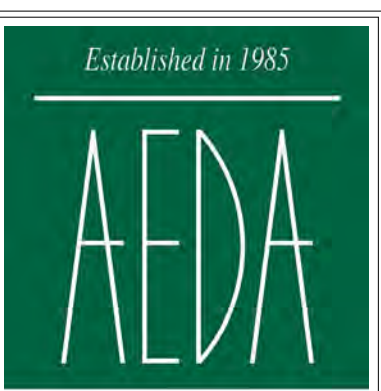


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#	BY	DATE

STRUCTURAL NOTES

PROJECT NO. 20005
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FOUNDATION PLAN

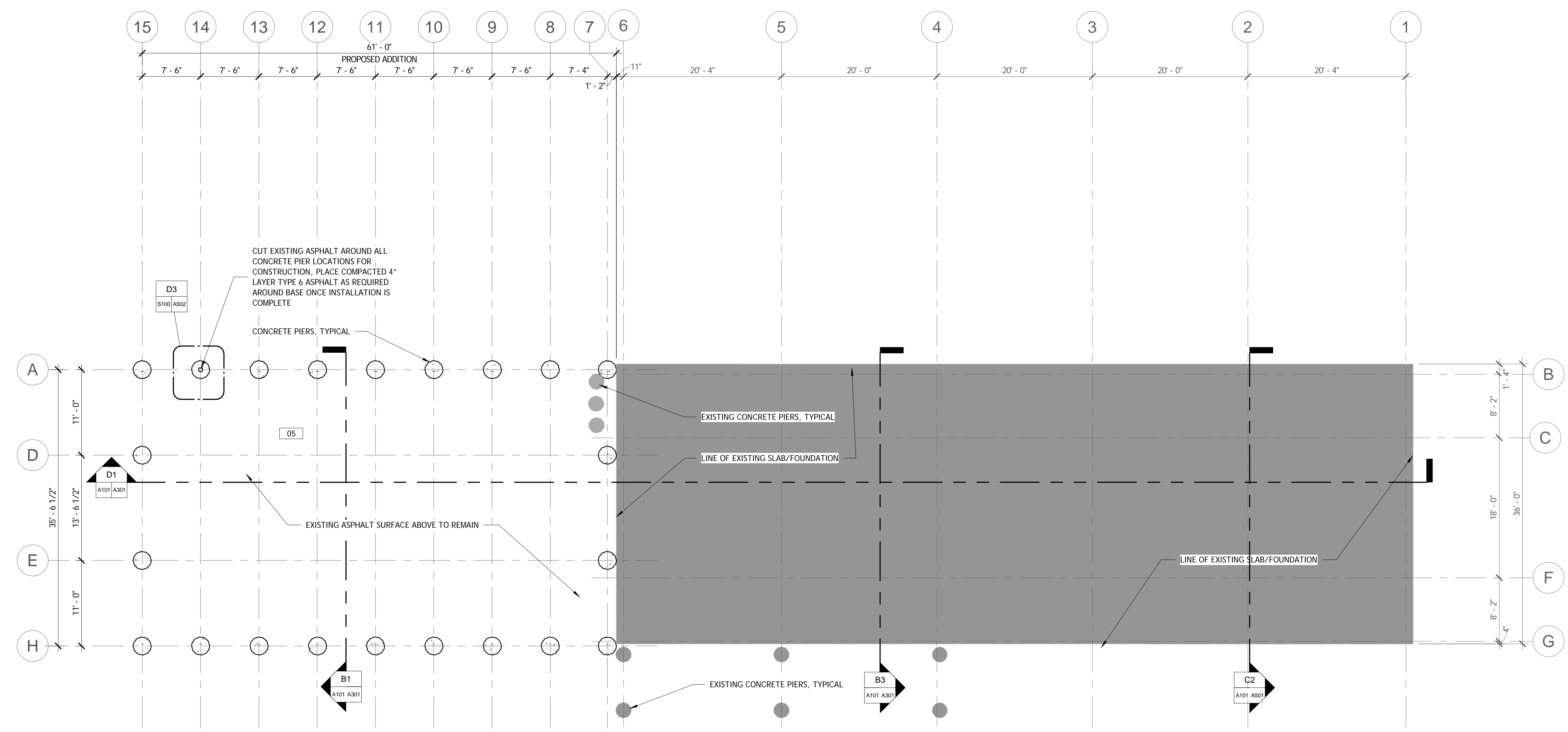
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KEYNOTES

TAG	TEXT
05	ALTERNATE #01 PROPOSED PAVILION - CONSTRUCT NEW PAVILION INCLUDING, BUT NOT LIMITED TO: FOUNDATIONS, STRUCTURE, FINISHES, PLUMBING, HVAC, AND ELECTRICAL.



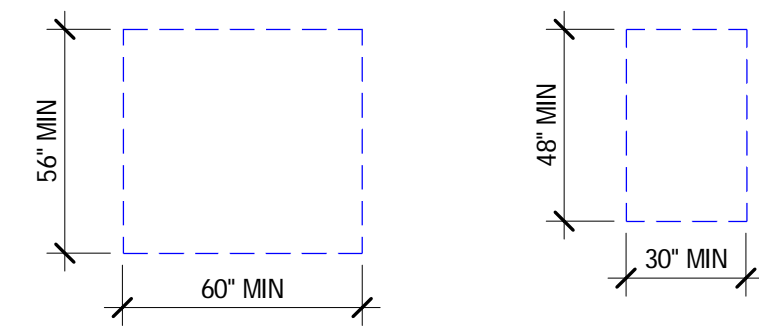
D1 FOUNDATION PLAN - ALTERNATE #1

1/8" = 1'-0"

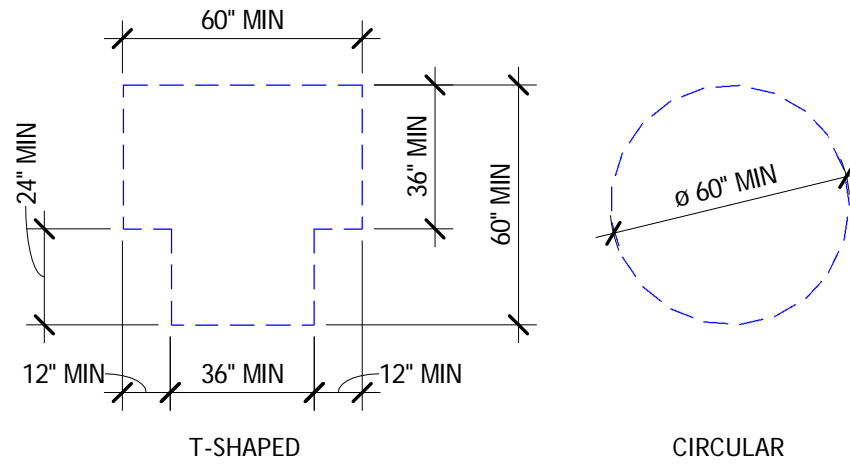
ACCESSIBILITY LEGEND

THESE CODE REQUIRED CLEARANCES MUST BE MET.

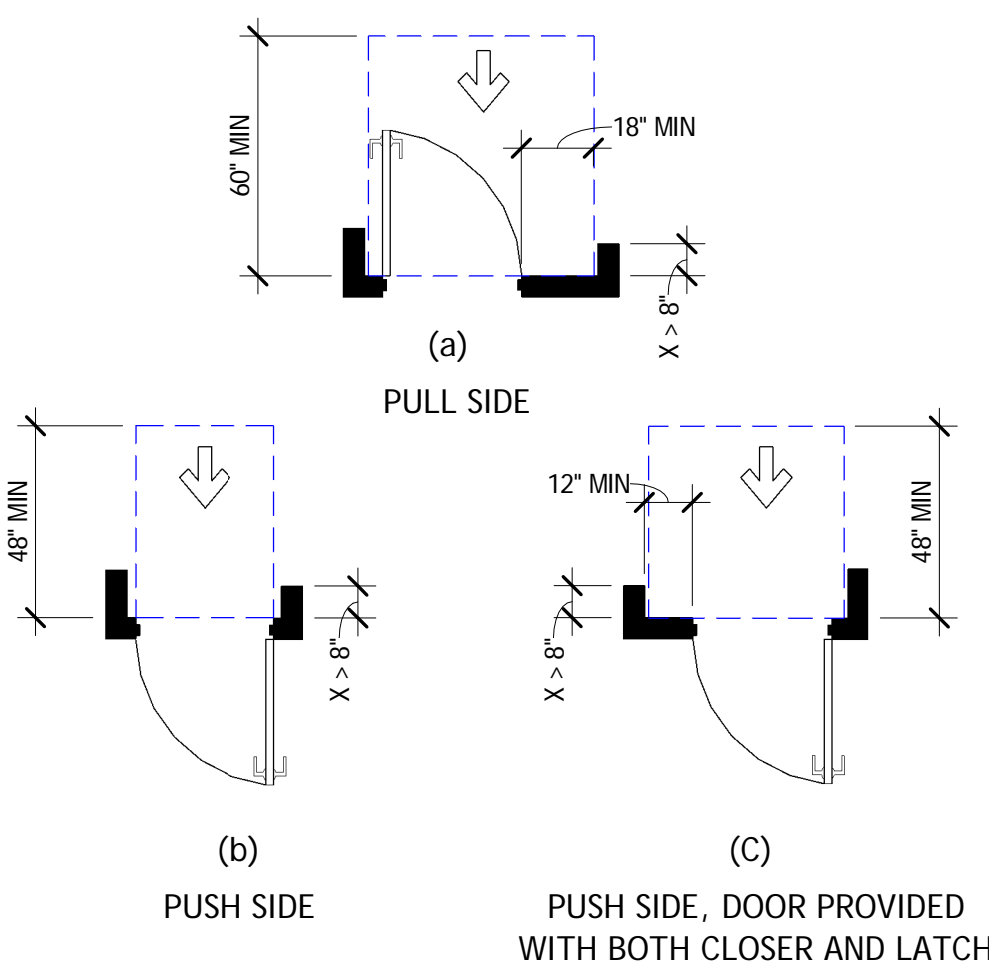
CLEAR FLOOR SPACE - ICC 304.2



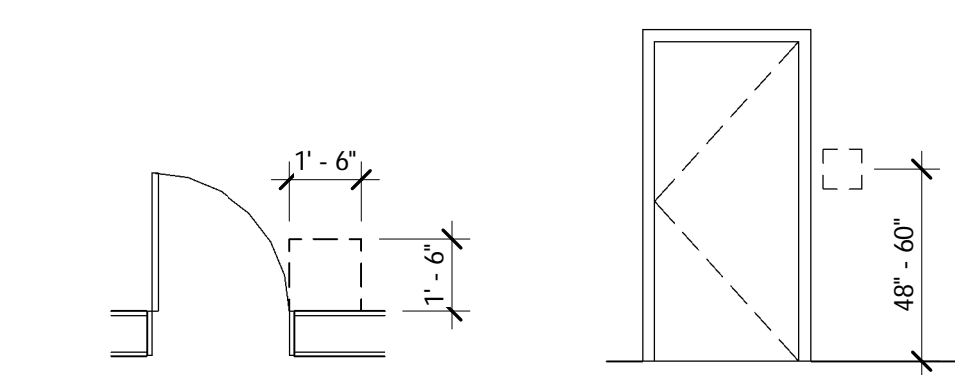
TURNING SPACE - ICC 304.2



MANEUVERING CLEARANCE AT RECESSED DOORS - ICC 404.2.3.5



SIGNAGE LOCATIONS

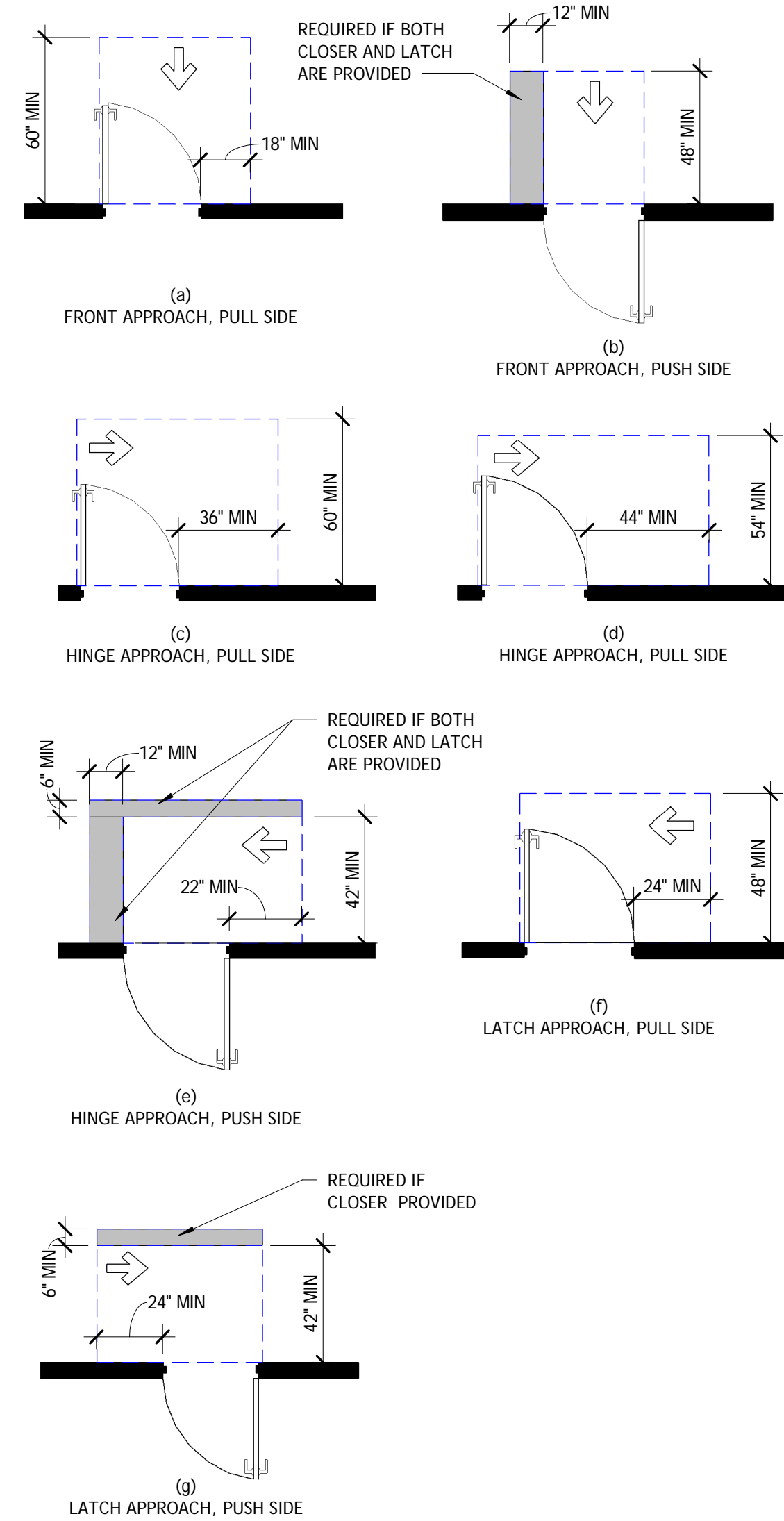


SIGNAGE REQUIREMENTS

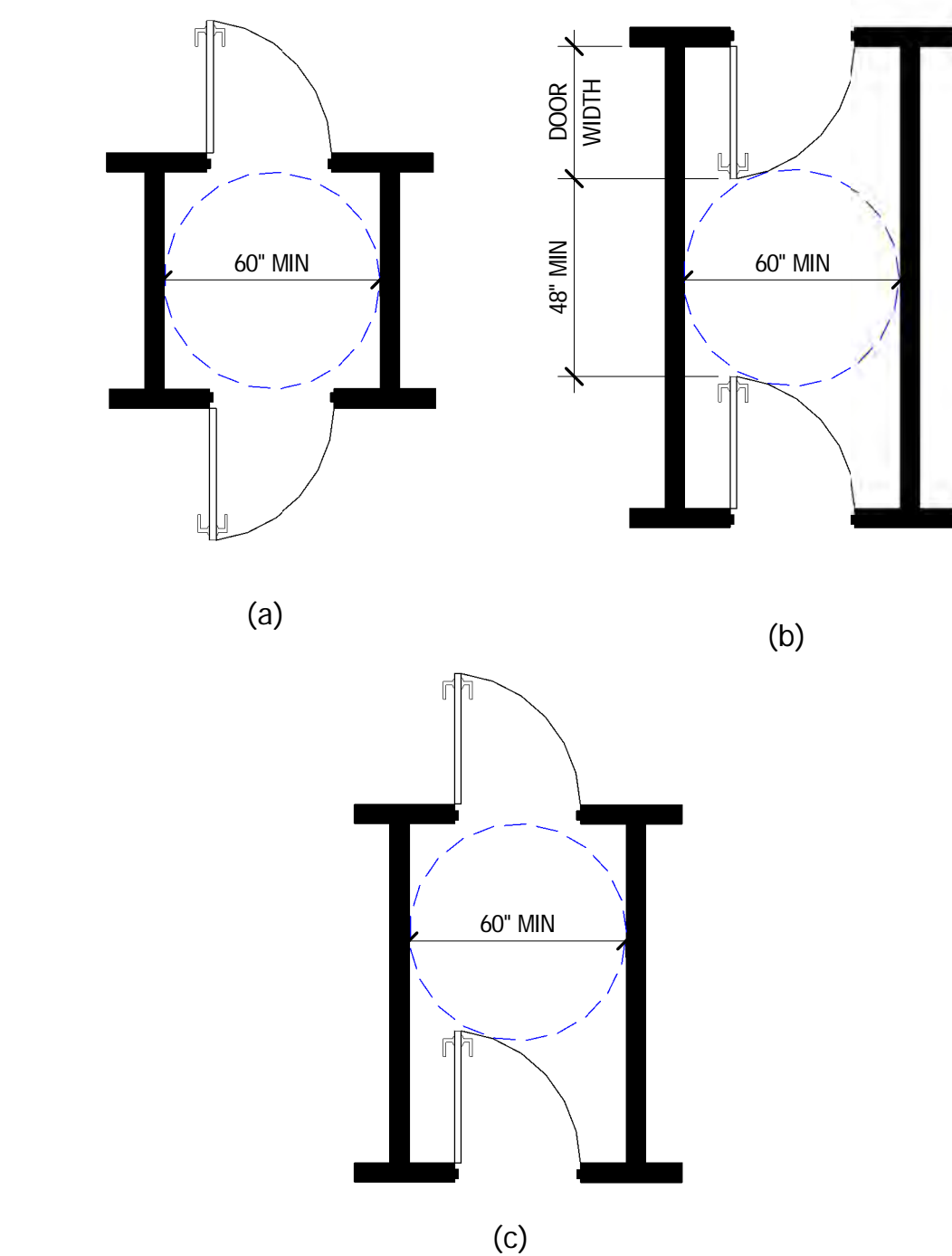
- A. SIGN SHALL BE INSTALLED ON WALL ADJACENT TO THE LATCH SIDE OF THE DOOR OR TO THE RIGHT SIDE OF DOUBLE DOORS. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHOULD BE ON THE NEAREST ADJACENT WALL. CHARACTER MOUNTING HEIGHT SHALL BE 48" MINIMUM & 60" MAXIMUM ABOVE FINISHED FLOOR. SIGNS CONTAINING TACTILE CHARACTERS SHALL HAVE AN 18" X 18" MINIMUM SPACE ON THE GROUND, CENTERED ON THE SIGN, CLEAR OF THE DOOR SWING.
- B. TACTILE CHARACTERS SHALL BE SANS SERIF AND SHALL BE ACCOMPANIED BY GRADE II BRAILLE. TACTILE CHARACTERS SHALL BE RAISED 1/32" MINIMUM ABOVE THEIR BACKGROUND. CHARACTERS SHALL BE 3/5" MINIMUM AND 2" MAXIMUM.
- C. PICTOGRAMS SHALL HAVE A HEIGHT OF 6". CHARACTERS OR BRAILLE SHALL NOT BE IN THE SAME PICTOGRAM FIELD. WHERE TEXT DESCRIPTORS FOR PICTOGRAMS ARE REQUIRED, THEY SHALL BE DIRECTLY BELOW OR ADJACENT TO THE PICTOGRAM.
- D. CHARACTERS AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH. CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUNDS.
- E. LOCATIONS REQUIRING SIGNAGE:
 - TRUSS IDENTIFICATION SIGNAGE: BETWEEN MENS & WOMENS ROOM DOORS AT ALTERNATE #1 & AT MAIN ENTRANCE OF OPEN MARKET. V.I.F. LOCATIONS W/ CITY CODE ENFORCEMENT OFFICIAL PRIOR TO INSTALLATION.
 - ACCESSIBLE MENS & WOMENS TOILET ROOMS.
 - SIGNAGE AS NOTED IN THE CONTRACT DOCUMENTS.



MANEUVERING AT MANUAL SWINGING DOOR - ICC 404.2.3.2

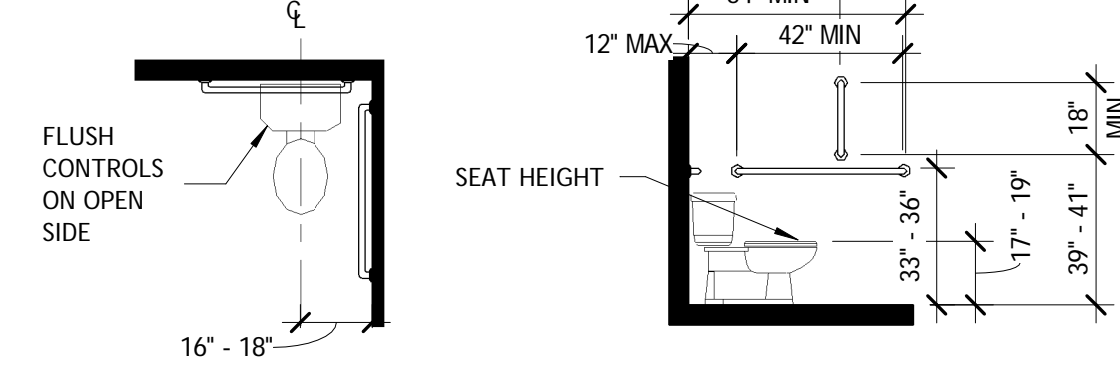


MANEUVERING AT TWO DOORS IN A SERIES - ICC 404.2.5

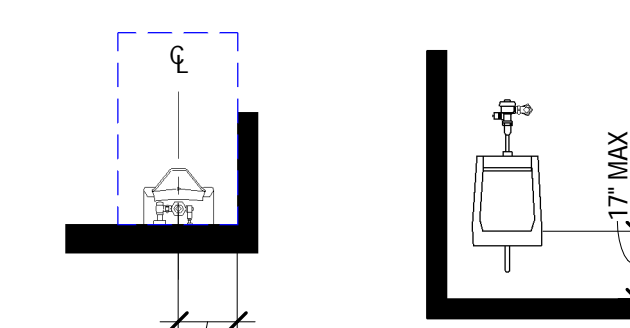


THESE CODE REQUIRED CLEARANCES MUST BE MET.

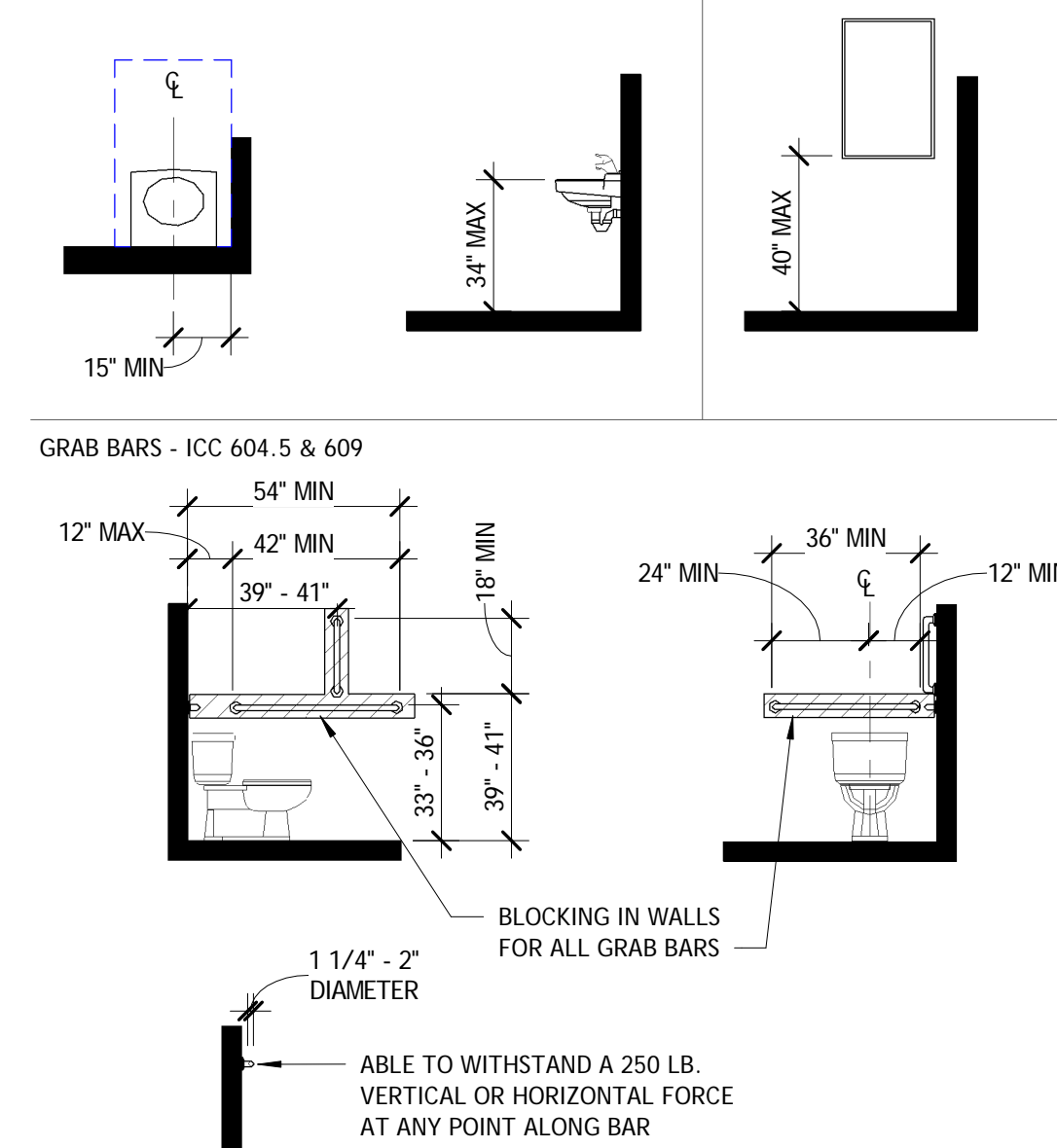
WATER CLOSET - ICC 604



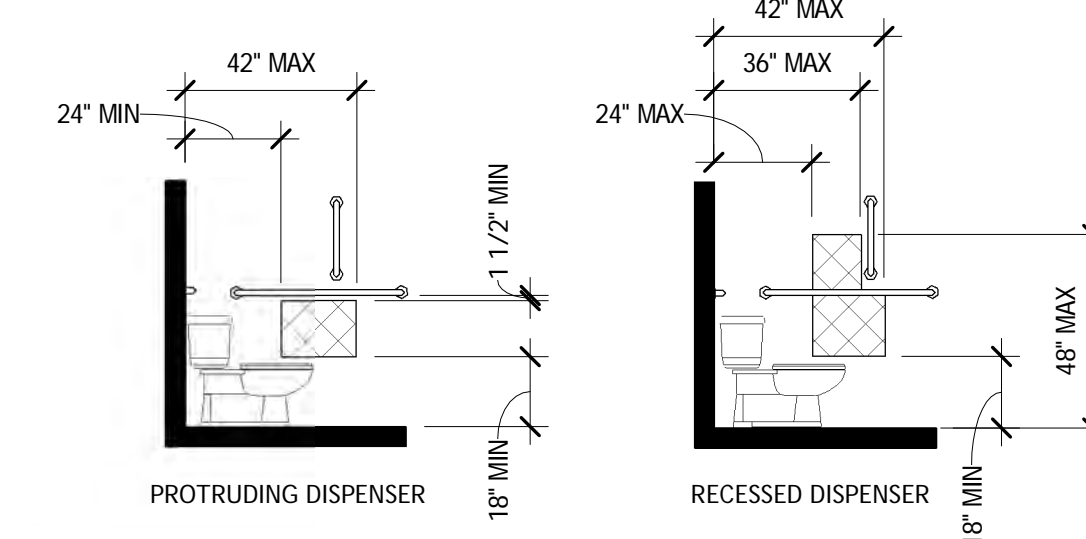
LAVATORIES - ICC 604



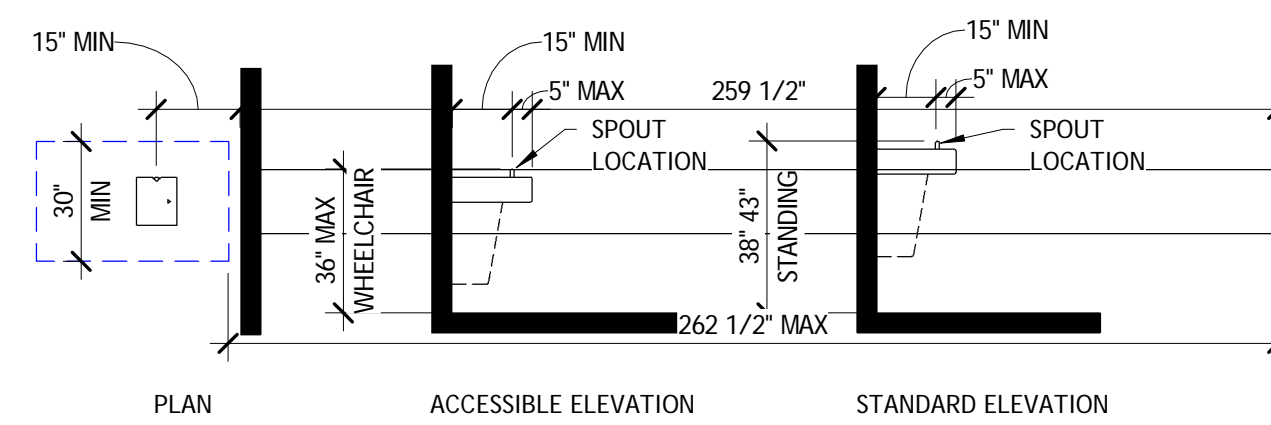
GRAB BARS - ICC 604.5 & 609



ACCESSORY LOCATIONS - ICC 404.2.3.2

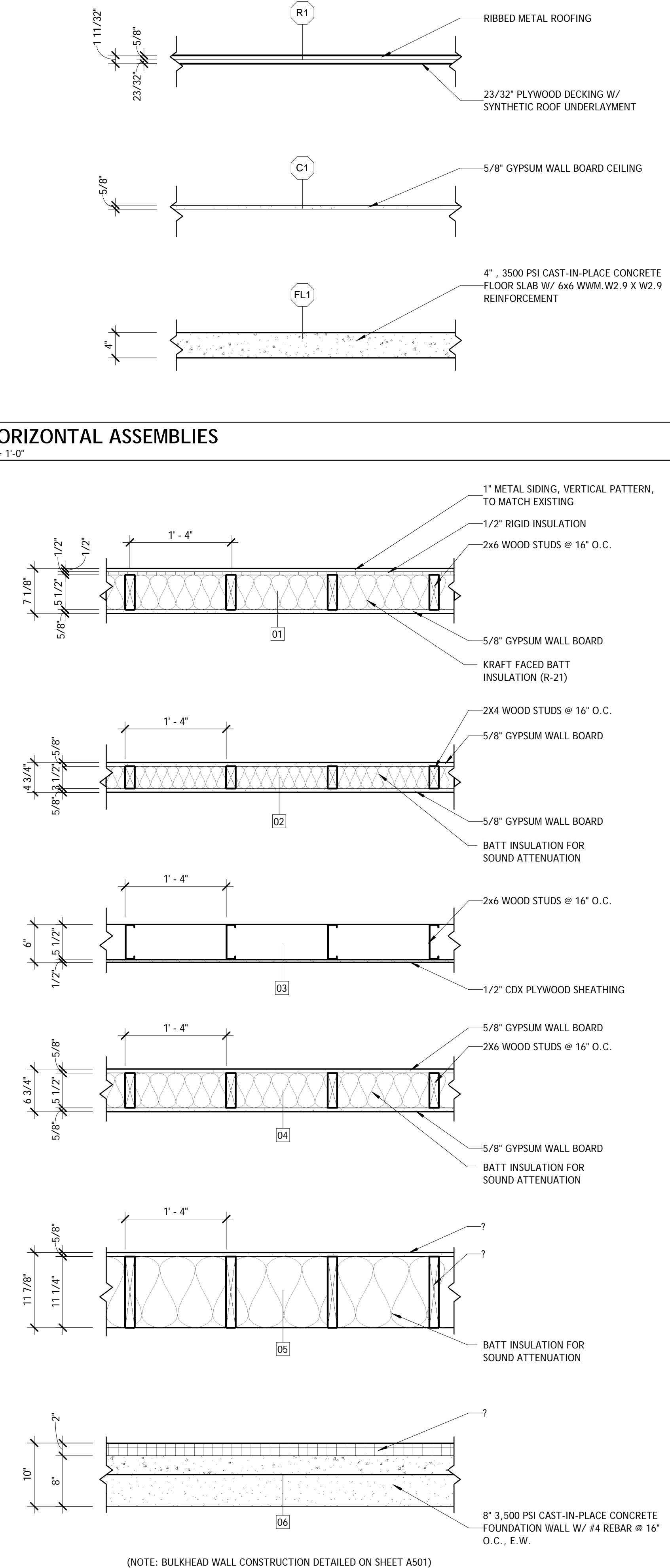


DRINKING FOUNTAINS - ICC 602



B4 HORIZONTAL ASSEMBLIES

A001 1" = 1'-0"



D4 WALL TYPES

A001 1" = 1'-0"

Established in 1985



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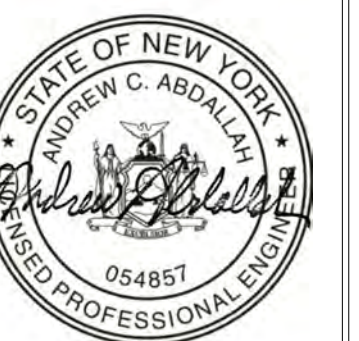
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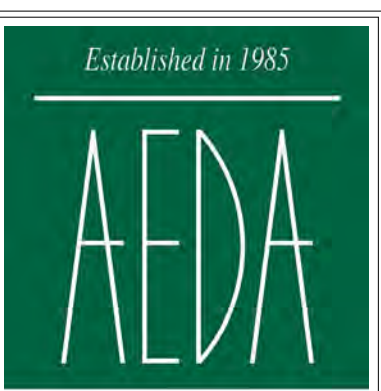
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NOTES, LEGENDS, & SYMBOLS

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Table with 3 columns: #, BY, DATE. Under the heading 'REVISIONS'.

FLOOR PLAN

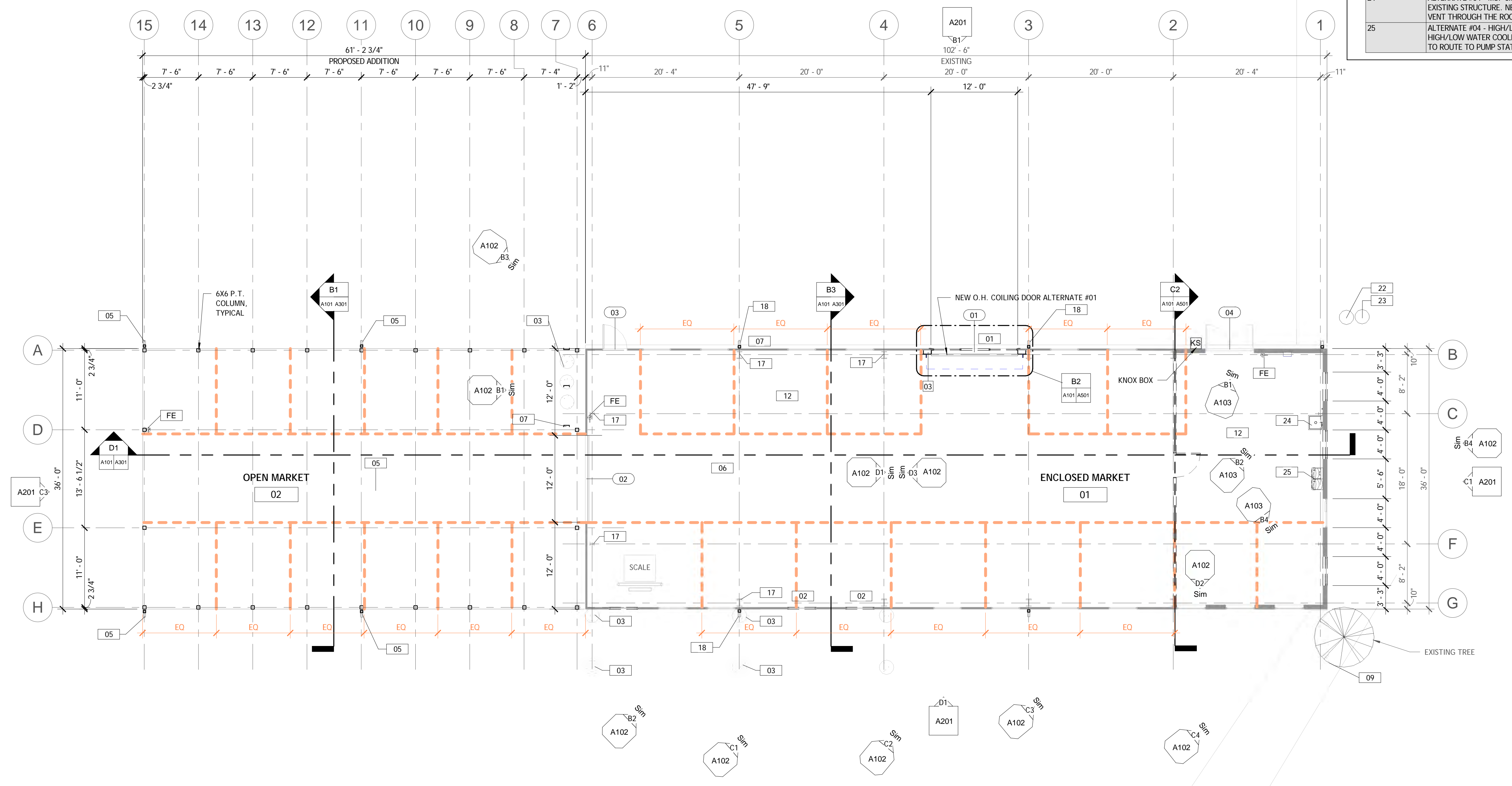
PROJECT NO. 20005 DATE 09-02-2020 DRAWN BY JRH CHECKED BY SEC

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KEYNOTES

Table with 2 columns: TAG, TEXT. Contains 25 keynotes detailing construction and repair work.



D1 FLOOR PLAN 1/8" = 1'-0"

A



B1 EXISTING CONDITIONS 1

A101 | A102 | N.T.S.

B2 EXISTING CONDITIONS 2

A101 | A102 | N.T.S.

B3 EXISTING CONDITIONS 3

A101 | A102 | N.T.S.

B4 EXISTING CONDITIONS 4

A101 | A102 | N.T.S.

B



C1 EXISTING CONDITIONS 5

A101 | A102 | N.T.S.

C2 EXISTING CONDITIONS 6

A101 | A102 | N.T.S.

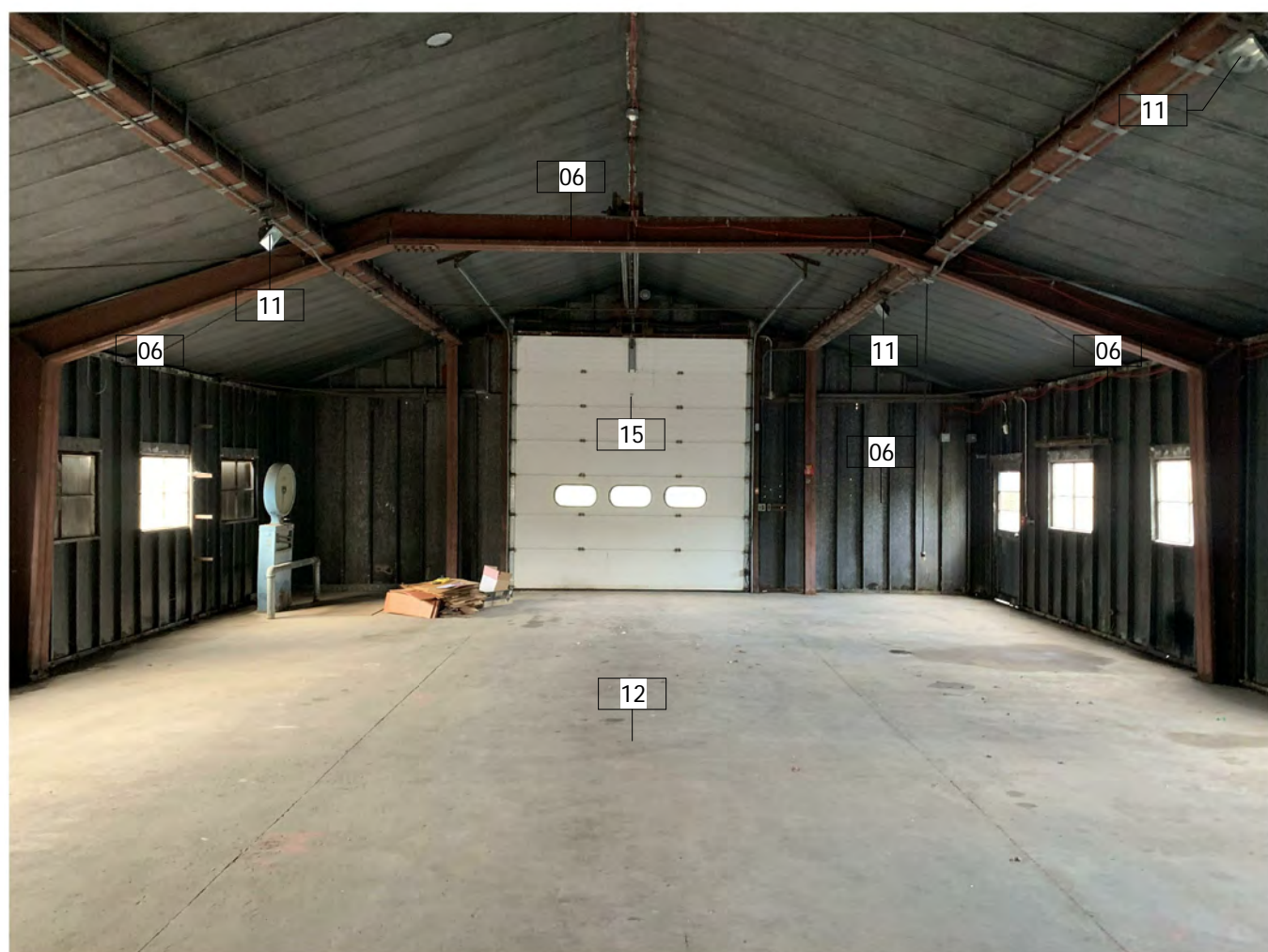
C3 EXISTING CONDITIONS 7

A101 | A102 | N.T.S.

C4 EXISTING CONDITIONS 8

A101 | A102 | N.T.S.

C



D1 EXISTING CONDITIONS 9

A101 | A102 | N.T.S.

D2 EXISTING CONDITIONS 10

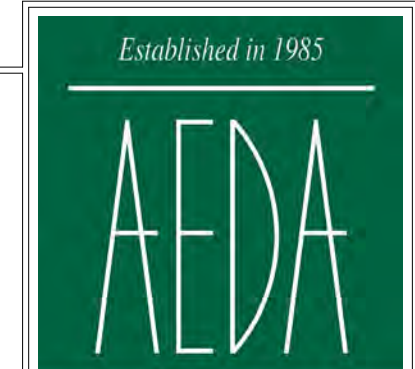
A101 | A102 | N.T.S.

D3 EXISTING CONDITIONS 11

A101 | A102 | N.T.S.

KEYNOTES

TAG	TEXT
02	WINDOW REPAIR - REMOVE GLAZING COMPOUND FROM PERIMETER OF BROKEN GLASS, SCRAPE AND CLEAN, INSTALL NEW GLASS AND GLAZING COMPOUND.
03	PIER STEEL REMOVAL - CUT AND GRIND SMOOTH EXISTING EXPOSED STEEL PROTRUDING FROM EXISTING CONCRETE PIERS. PROTRUDING STEEL TO BE FLUSH/SMOOTH WITH TOP OF PIER. GRIND CONCRETE PIER TOP TO BE FLUSH WITH SURROUNDING ASPHALT PAVEMENT.
06	INTERIOR PAINTING (EXISTING STRUCTURE) - SCRAPE AND CLEAN METAL WALLS AND CEILING AND ALL RELATED COMPONENTS IN ACCORDANCE WITH PAINT MANUFACTURERS REQUIREMENTS. ENTIRE INTERIOR INCLUDING ALL WALLS, TRIMS, DOORS, WINDOWS BEAMS, COLUMNS ROOF PANELS, BUT NOT LIMITED TO, SHALL BE PAINTED.
07	EXTERIOR PAINTING (EXISTING STRUCTURE) - SCRAPE AND CLEAN METAL WALLS AND ROOF AND ALL RELATED COMPONENTS IN ACCORDANCE WITH PAINT MANUFACTURERS REQUIREMENTS. ENTIRE EXTERIOR INCLUDING ALL WALLS, TRIMS, DOORS, WINDOWS, FASCIA, SOFFITS, ROOF PANELS, BUT NOT LIMITED TO, SHALL BE PAINTED.
08	STEEL FRAME REMOVAL - CUT AND REMOVE EXISTING STEEL FRAME VERTICAL AND HORIZONTAL MEMBER. MATERIAL TO BE DISPOSED OF OFF SITE.
09	TREE REMOVAL - CUT AND REMOVE EXISTING TREE. CUT STUMP LEVEL WITH SURROUNDING ASPHALT PAVEMENT. DISPOSE OF DEBRIS OFF SITE.
10	WALL AND DOOR REMOVAL - EXISTING WALL AND DOOR ASSEMBLY CONTAINS ACM AND IS TO BE ABATED AND REMOVED BY A NYS LICENSED ASBESTOS CO. WITH NYS CERTIFIED PERSONNEL IN ACCORDANCE WITH NYS INDUSTRIAL CODE RULE 56 (NYS ICR 56) AND NESHAPS AS IDENTIFIED IN THE SPECIFICATIONS FOR BUILDING 4 ONLY APPENDIX 'A' - PRE-DEMOLITION ASBESTOS AND HAZARDOUS MATERIAL INSPECTION REPORT BY KAS DATED JUNE 3, 2019.
11	LIGHT FIXTURE REMOVAL - REMOVAL EXISTING LIGHT FIXTURE AND ASSOCIATED WIRING.
12	FLOOR SEALANT - SCRAPE AND CLEAN ENTIRE FLOOR. PREPARE FLOOR IN ACCORDANCE FLOOR SEALER MANUFACTURERS SPECIFICATIONS. SEAL ENTIRE CONCRETE FLOOR.
13	REMOVE PLYWOOD FROM WINDOWS.
14	PATCH EXISTING HOLES IN PLYWOOD WALLS AND CEILINGS WITH WOOD BLOCKING BACKER AND MATCH THICKNESS OF PLYWOOD FOR LARGE HOLES AND WOOD PUTTY OR APPROVED MATERIAL FOR SMALL HOLES. SAND AND PAINT.
15	PAINT EXISTING DOORS.



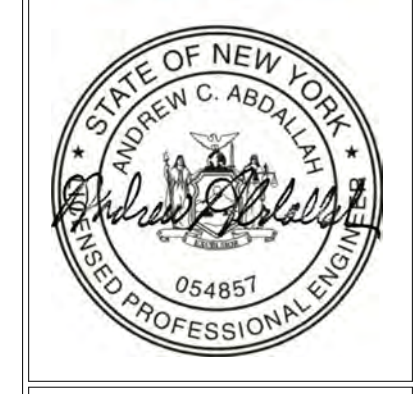
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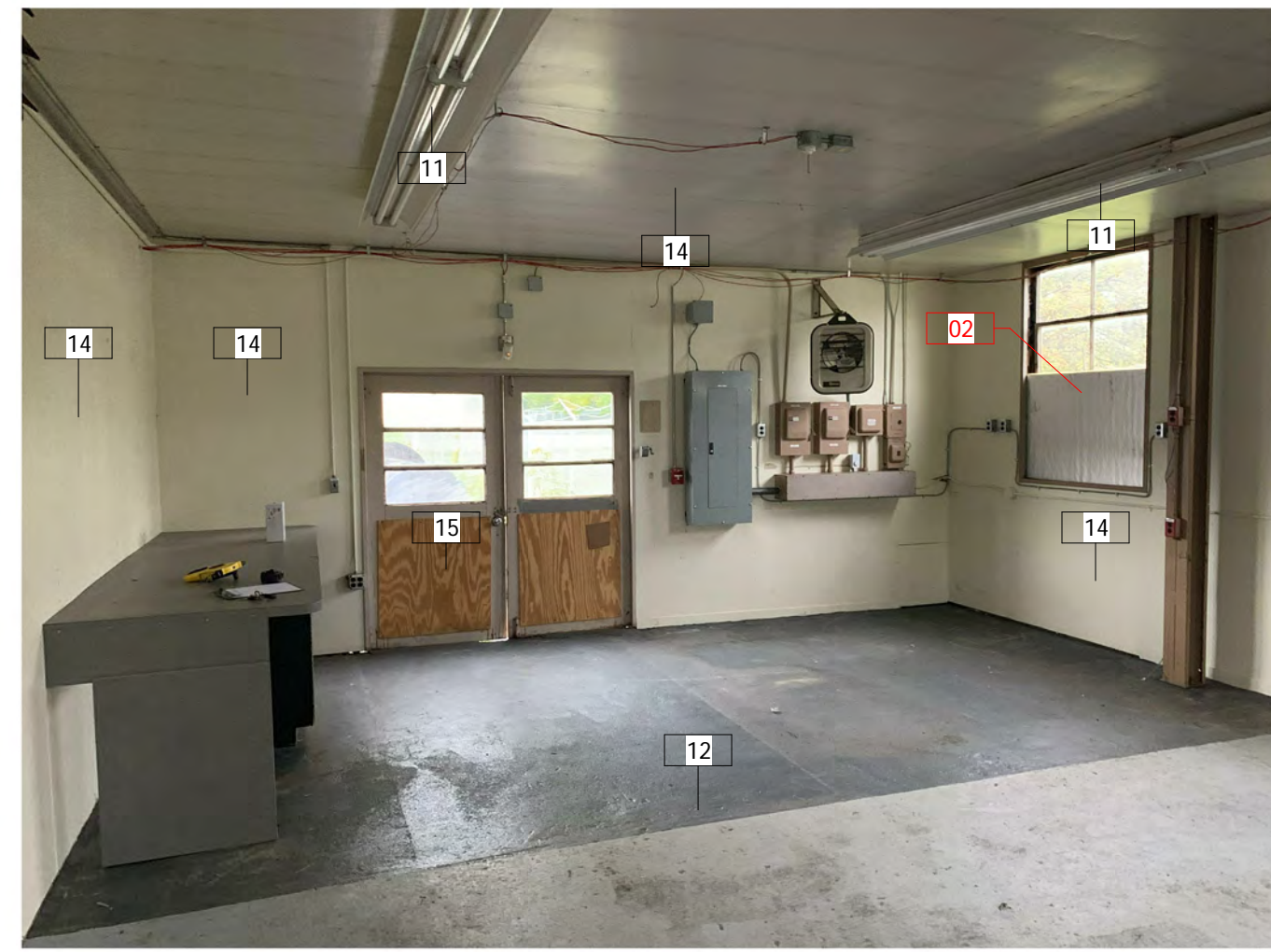


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EXISTING CONDITIONS

PROJECT NO. 20005 DATE 09-02-2020 DRAWN BY TSV CHECKED BY SEC

A102



B1 EXISTING CONDITIONS 12
A101 A103 N.T.S.

B2 EXISTING CONDITIONS 13
A101 A103 N.T.S.

B4 EXISTING CONDITIONS 14
A101 A103 N.T.S.



D1 TYPICAL WINDOW - EXTERIOR VIEW
A103 3/32" = 1'-0"

D2 TYPICAL WINDOW - INTERIOR VIEW
A103 3/64" = 1'-0"

KEYNOTES

TAG	TEXT
02	WINDOW REPAIR - REMOVE GLAZING COMPOUND FROM PERIMETER OF BROKEN GLASS, SCRAPE AND CLEAN, INSTALL NEW GLASS AND GLAZING COMPOUND.
07	EXTERIOR PAINTING (EXISTING STRUCTURE) - SCRAPE AND CLEAN METAL WALLS AND ROOF AND ALL RELATED COMPONENTS IN ACCORDANCE WITH PAINT MANUFACTURER'S REQUIREMENTS. ENTIRE EXTERIOR INCLUDING ALL WALLS, TRIMS, DOORS, WINDOWS, FASCIA, SOFFITS, ROOF PANELS, BUT NOT LIMITED TO, SHALL BE PAINTED.
08	STEEL FRAME REMOVAL - CUT AND REMOVE EXISTING STEEL FRAME VERTICAL AND HORIZONTAL MEMBER. MATERIAL TO BE DISPOSED OF OFF SITE.
11	LIGHT FIXTURE REMOVAL - REMOVE EXISTING LIGHT FIXTURE AND ASSOCIATED WIRING.
12	FLOOR SEALANT - SCRAPE AND CLEAN ENTIRE FLOOR. PREPARE FLOOR IN ACCORDANCE FLOOR SEALER MANUFACTURER'S SPECIFICATIONS. SEAL ENTIRE CONCRETE FLOOR.
13	REMOVE PLYWOOD FROM WINDOWS.
14	PATCH EXISTING HOLES IN PLYWOOD WALLS AND CEILINGS WITH WOOD BLOCKING BACKER AND MATCH THICKNESS OF PLYWOOD FOR LARGE HOLES AND WOOD PUTTY OR APPROVED MATERIAL FOR SMALL HOLES. SAND AND PAINT.
15	PAINT EXISTING DOORS.



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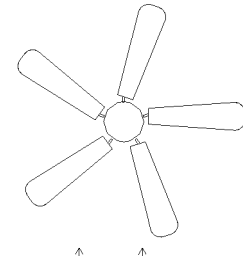
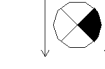

**REFLECTED
 CEILING PLAN**

PROJECT NO. 20005
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A111

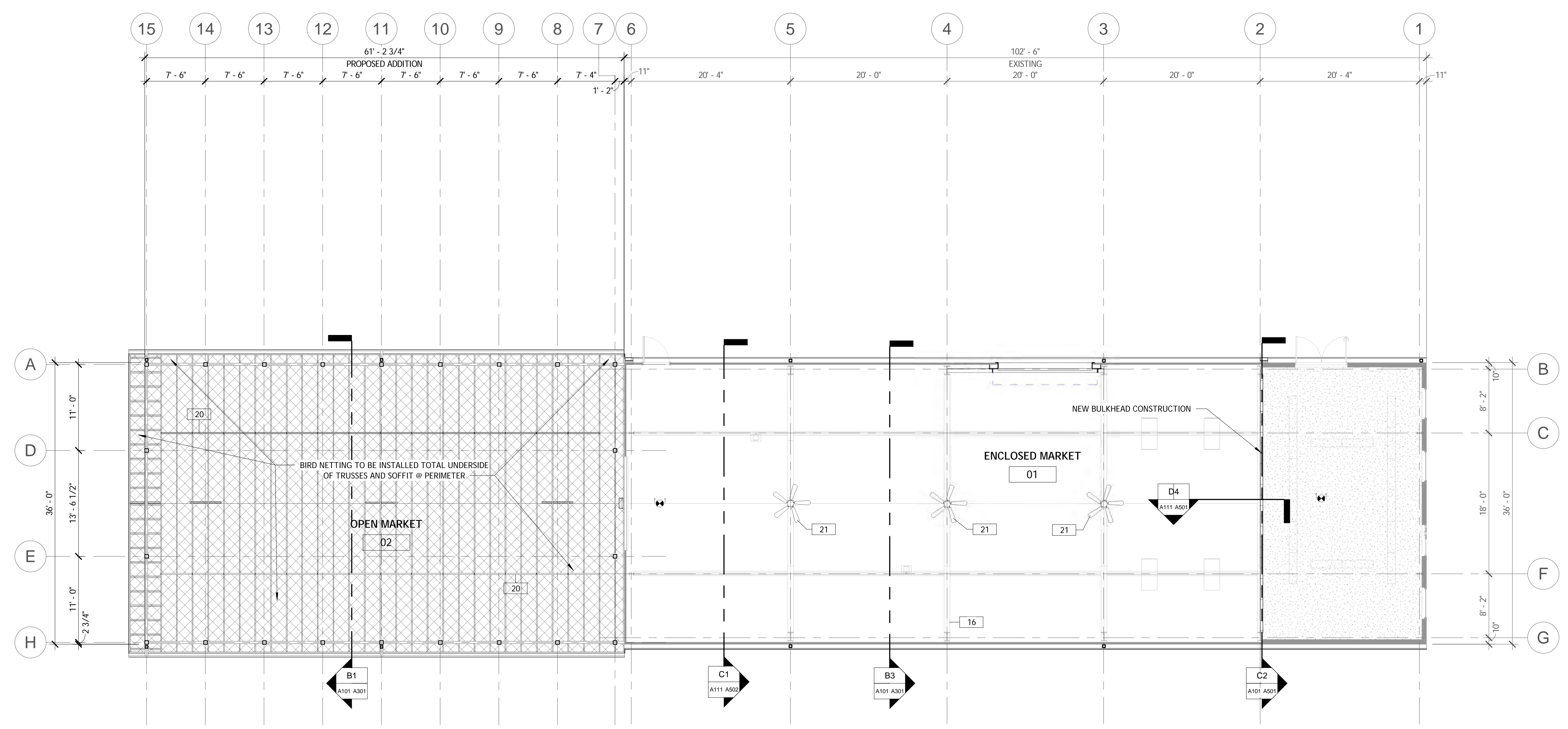
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REFLECTED CEILING LEGEND

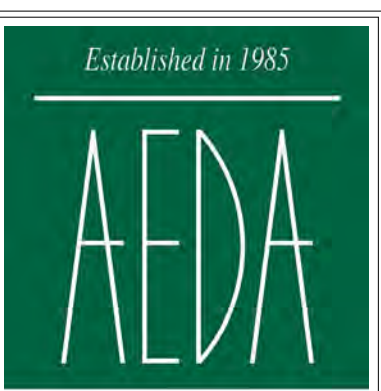
-  BIRD NETTING
-  PAINTED EXISTING METAL ROOF/CEILING PANELS AND STEEL FRAMING
-  GYPSUM BOARD, TAPED AND PAINTED
-  CEILING FAN
-  LED ILLUMINATED EXIT SIGN
-  LED STRIP LIGHT

KEYNOTES

TAG	TEXT
16	SCRAPE, CLEAN AND REFINISH STEEL STRUCTURAL FRAME AND ENTIRE CEILING.
20	ALTERNATE #02 - PAVILION LIGHTING - FURNISH AND INSTALL NEW INTERIOR AND EXTERIOR LIGHTING AROUND THE NEW PAVILION.
21	ALTERNATE #03 - NEW CEILING FANS - FURNISH AND INSTALL NEW CEILING FANS WITHIN EXISTING STRUCTURE.



D1 REFLECTED CEILING PLAN
 1/8" = 1'-0"



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ROOF PLAN

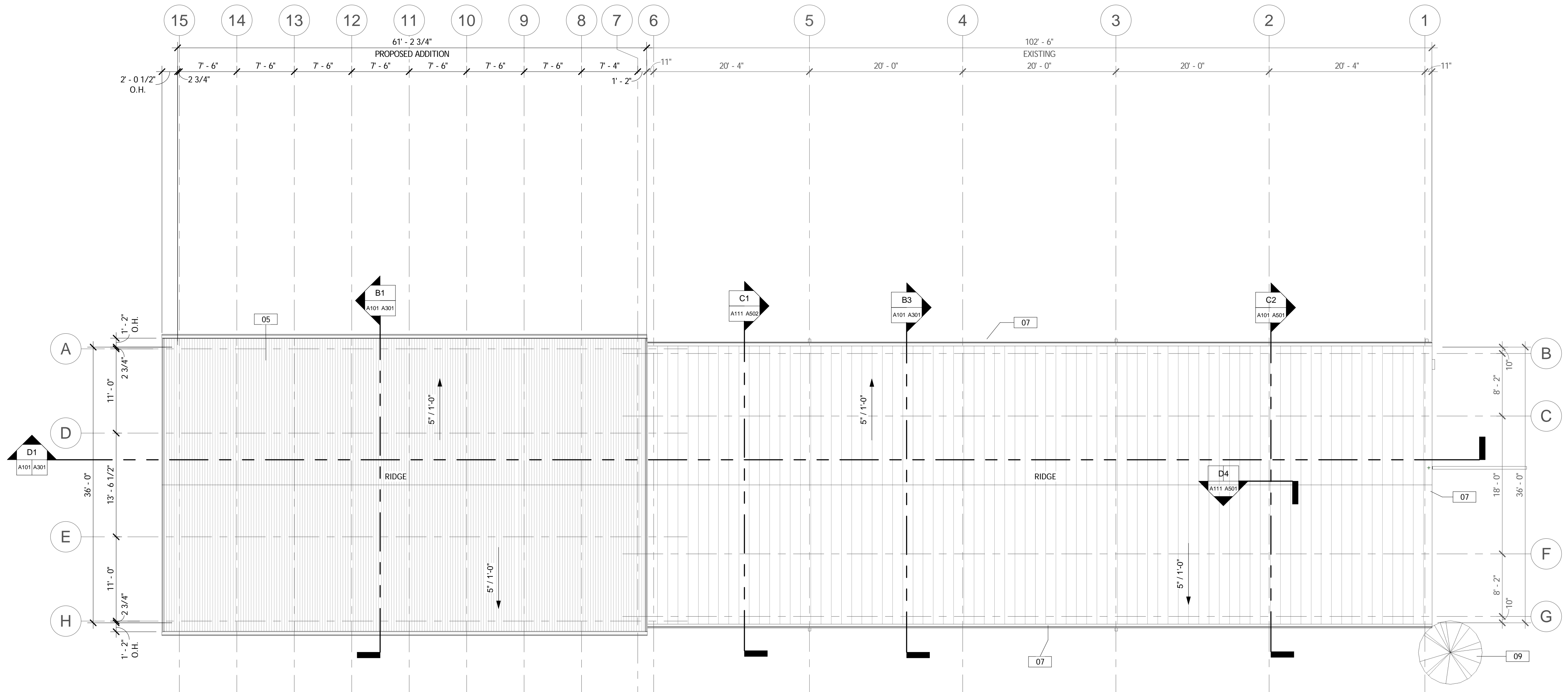
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A121

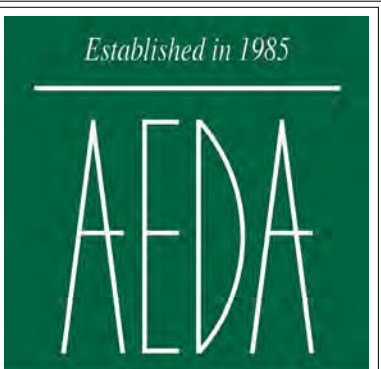
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KEYNOTES

TAG	TEXT
05	ALTERNATE #01 PROPOSED PAVILION - CONSTRUCT NEW PAVILION INCLUDING, BUT NOT LIMITED TOO, FOUNDATIONS, STRUCTURE, FINISHES, PLUMBING, HVAC, AND ELECTRICAL.
07	EXTERIOR PAINTING (EXISTING STRUCTURE) - SCRAPE AND CLEAN METAL WALLS AND ROOF AND ALL RELATED COMPONENTS IN ACCORDANCE WITH PAINT MANUFACTURER'S REQUIREMENTS. ENTIRE EXTERIOR INCLUDING ALL WALLS, TRIMS, DOORS, WINDOWS, FASCIA, SOFFITS, ROOF PANELS, BUT NOT LIMITED TO, SHALL BE PAINTED.
09	TREE REMOVAL - CUT AND REMOVE EXISTING TREE. CUT STUMP LEVEL WITH SURROUNDING ASPHALT PAVEMENT. DISPOSE OF DEBRIS OFF SITE.



C1 ROOF PLAN
1/8" = 1'-0"



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EXTERIOR ELEVATIONS

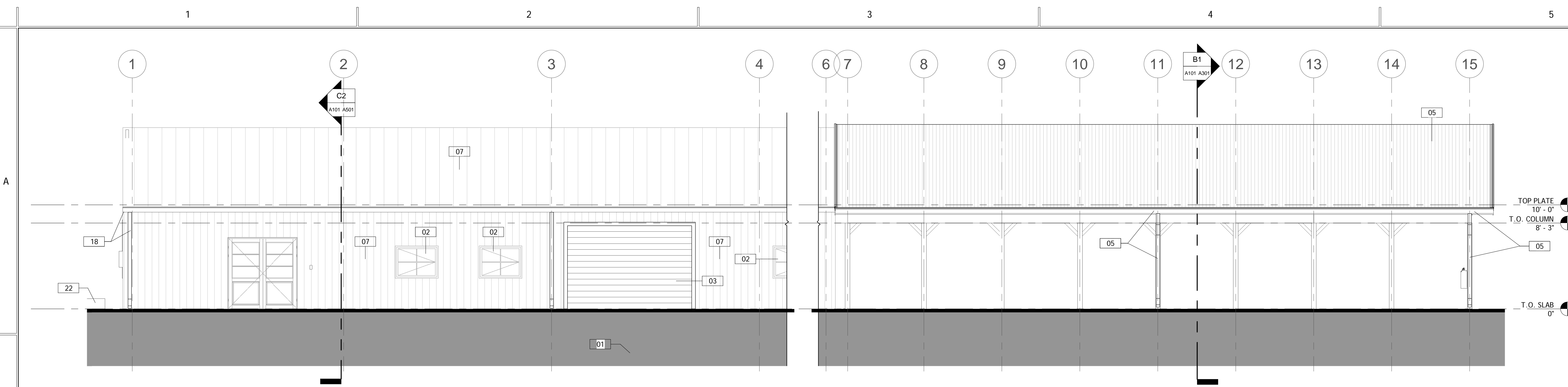
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A201

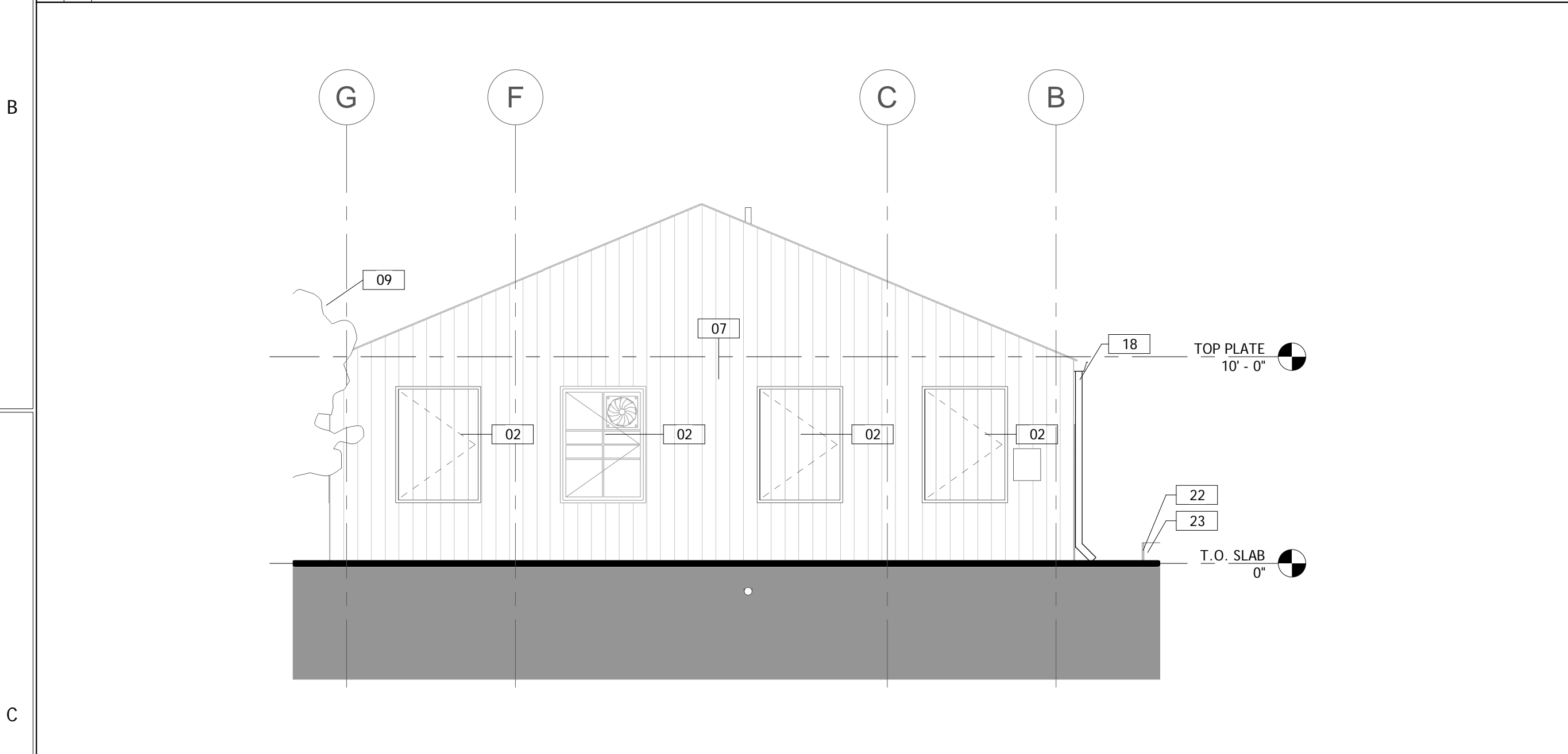
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KEYNOTES

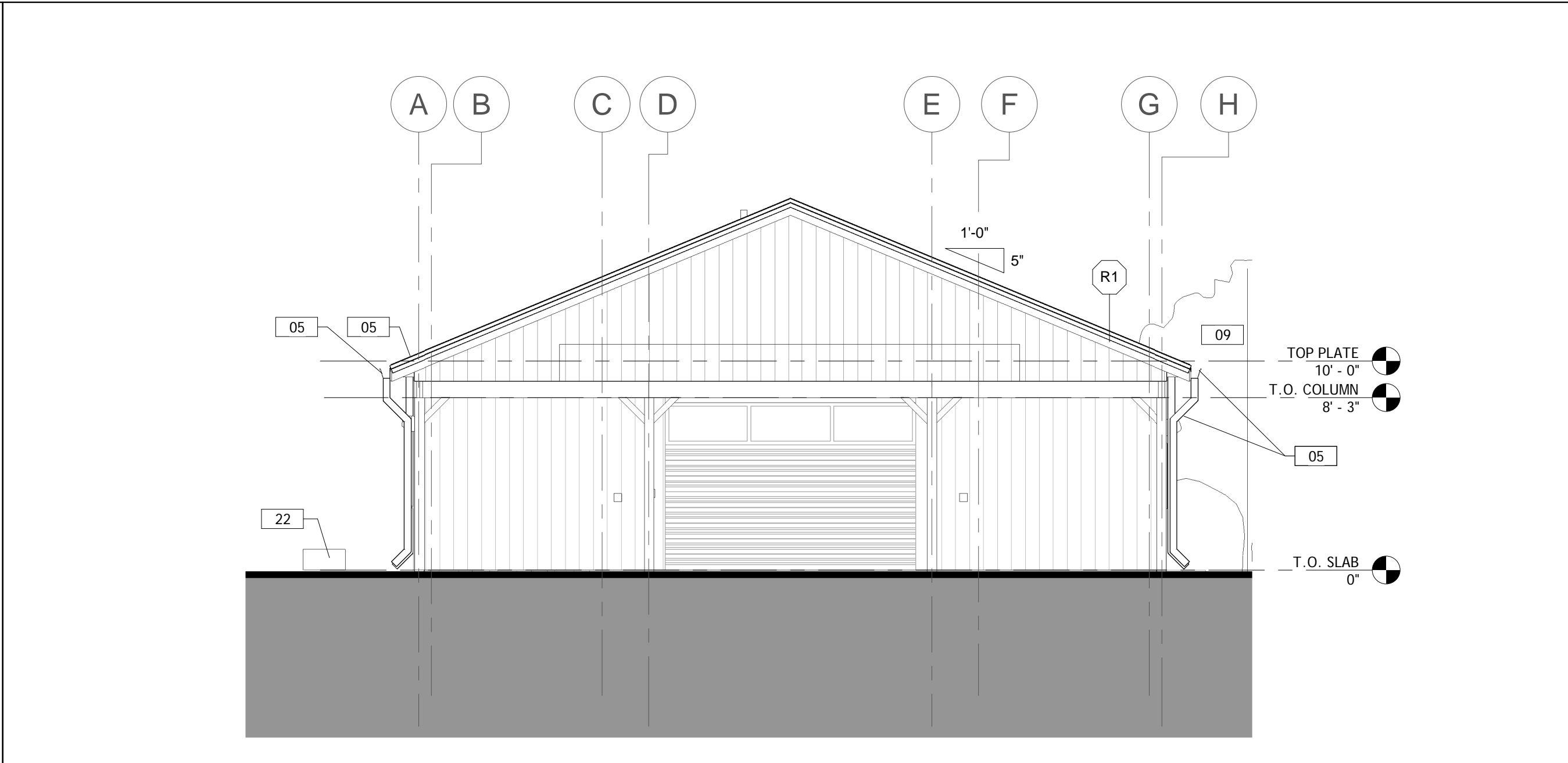
TAG	TEXT
01	ALTERNATE #03 - NEW OVERHEAD DOOR - CUT NEW OPENING IN EXISTING WALL AND INSTALL NEW STEEL/METAL FRAMING STRUCTURE FOR SUPPORT OF NEW OVERHEAD DOOR ASSEMBLY. SEE OVERHEAD DOOR DETAILS.
02	WINDOW REPAIR - REMOVE GLAZING COMPOUND FROM PERIMETER OF BROKEN GLASS, SCRAPE AND CLEAN, INSTALL NEW GLASS AND GLAZING COMPOUND.
03	PIER STEEL REMOVAL - CUT AND GRIND SMOOTH EXISTING EXPOSED STEEL PROTRUDING FROM EXISTING CONCRETE PIERS. PROTRUDING STEEL TO BE FLUSH/SMOOTH WITH TOP OF PIER. GRIND CONCRETE PIER TOP TO BE FLUSH WITH SURROUNDING ASPHALT PAVEMENT.
05	ALTERNATE #01 PROPOSED PAVILION - CONSTRUCT NEW PAVILION INCLUDING, BUT NOT LIMITED TOO, FOUNDATIONS, STRUCTURE, FINISHES, PLUMBING, HVAC, AND ELECTRICAL.
07	EXTERIOR PAINTING (EXISTING STRUCTURE) - SCRAPE AND CLEAN METAL WALLS AND ROOF AND ALL RELATED COMPONENTS IN ACCORDANCE WITH PAINT MANUFACTURERS REQUIREMENTS. ENTIRE EXTERIOR INCLUDING ALL WALLS, TRIMS, DOORS, WINDOWS, FASCIA, SOFFITS, ROOF PANELS, BUT NOT LIMITED TO, SHALL BE PAINTED.
09	TREE REMOVAL - CUT AND REMOVE EXISTING TREE. CUT STUMP LEVEL WITH SURROUNDING ASPHALT PAVEMENT. DISPOSE OF DEBRIS OFF SITE.
18	FURNISH & INSTALL PREFINISHED ALUMINUM GUTTER & DOWNSPOUT SYSTEM.
22	ALTERNATE #04 - SEWAGE PUMP - PROVIDE AND INSTALL NEW SEWAGE DUPLEX GRINDER PUMP AND ROUTING. (SEE CIVIL DRAWINGS FOR LOCATION).
23	ALTERNATE #04 - FORCE MAIN - PROVIDE NEW SEWER FORCE MAIN CONNECTION TO EXISTING SANITARY SEWER MANHOLE. (SEE CIVIL DRAWINGS FOR LOCATION).



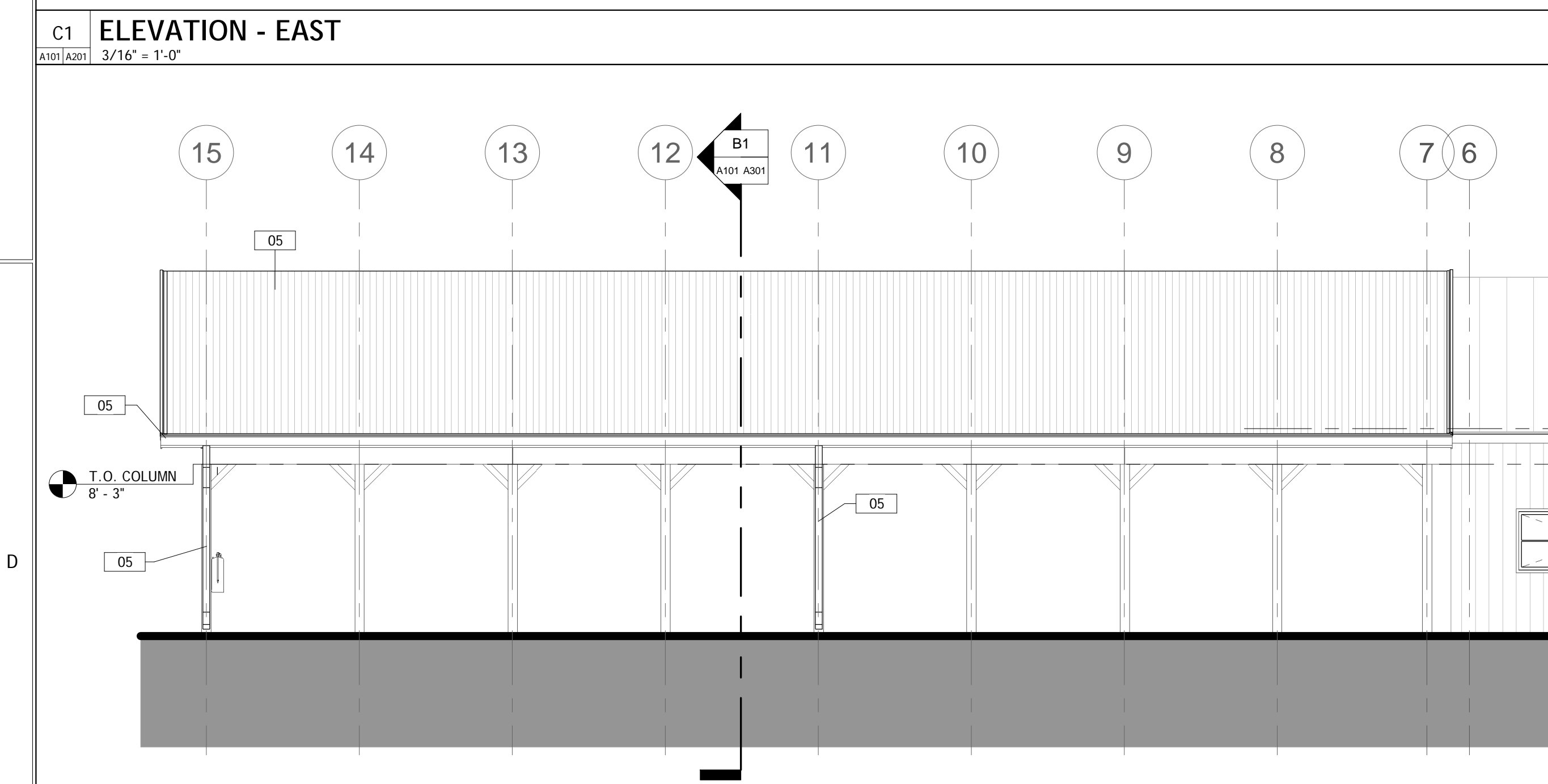
B1 ELEVATION - NORTH
A101/A201 3/16" = 1'-0"



C1 ELEVATION - EAST
A101/A201 3/16" = 1'-0"



C3 ELEVATION - WEST
A101/A201 3/16" = 1'-0"



D1 ELEVATION - SOUTH
A101/A201 3/16" = 1'-0"



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BUILDING SECTIONS

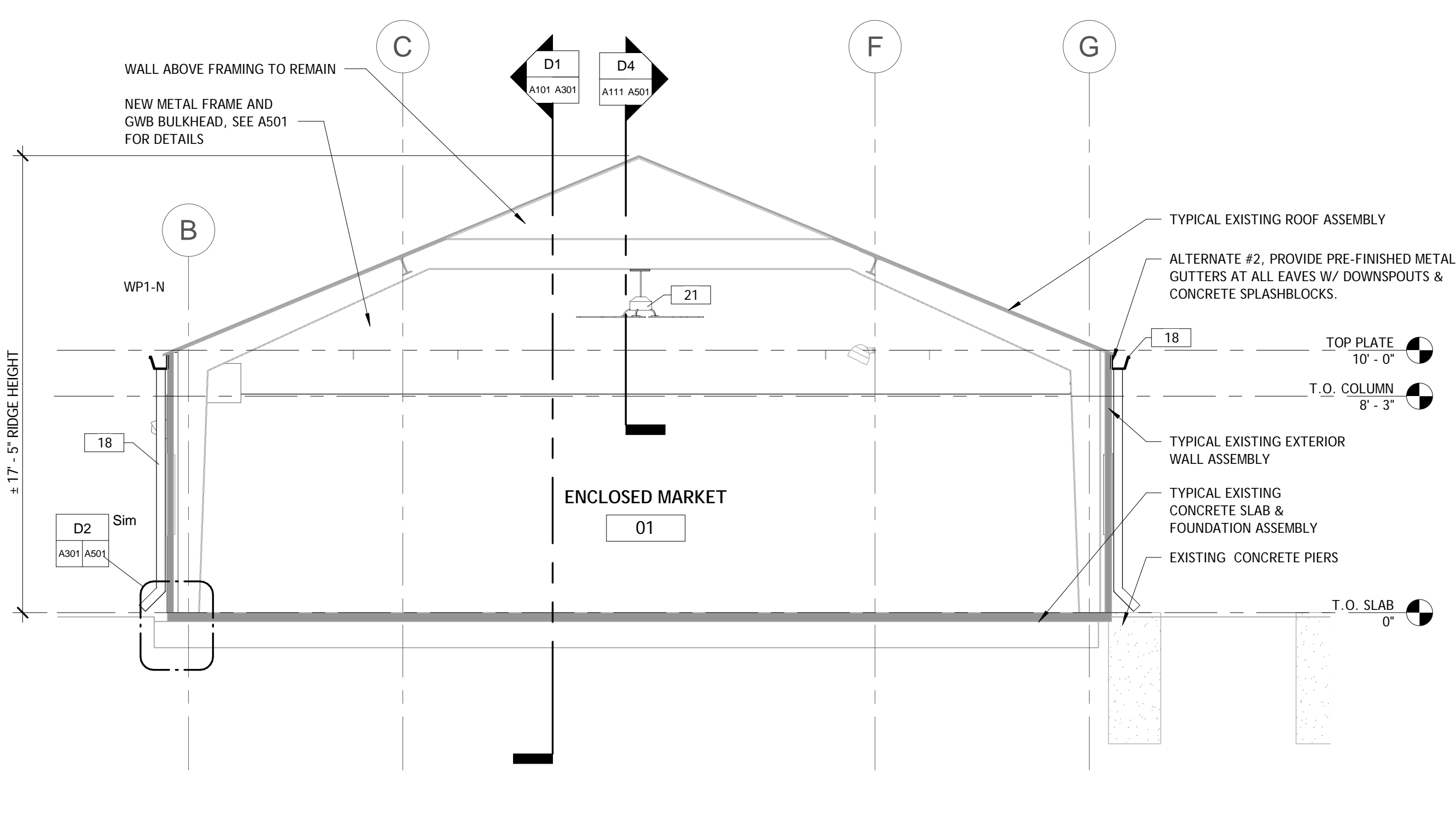
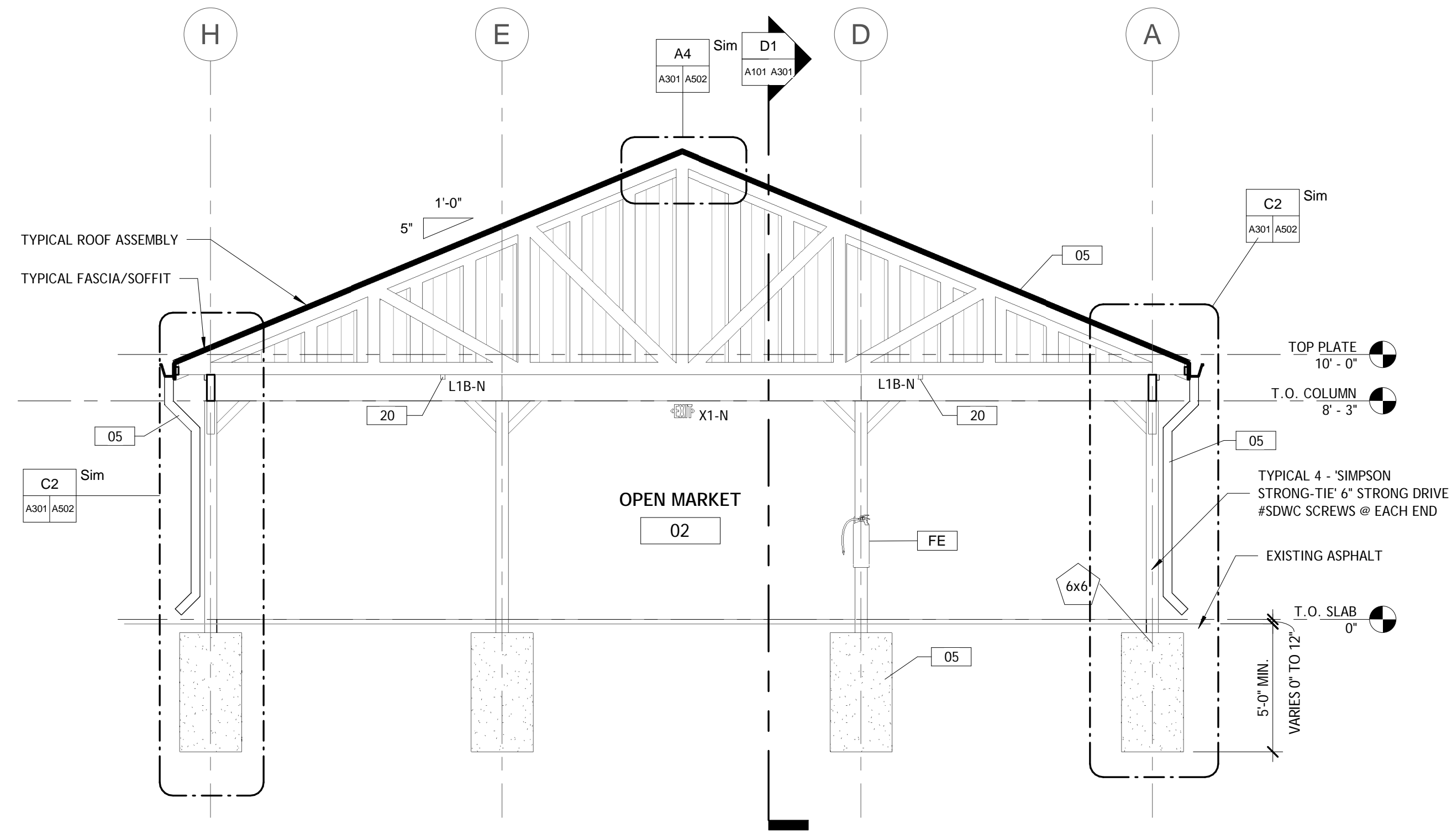
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A301

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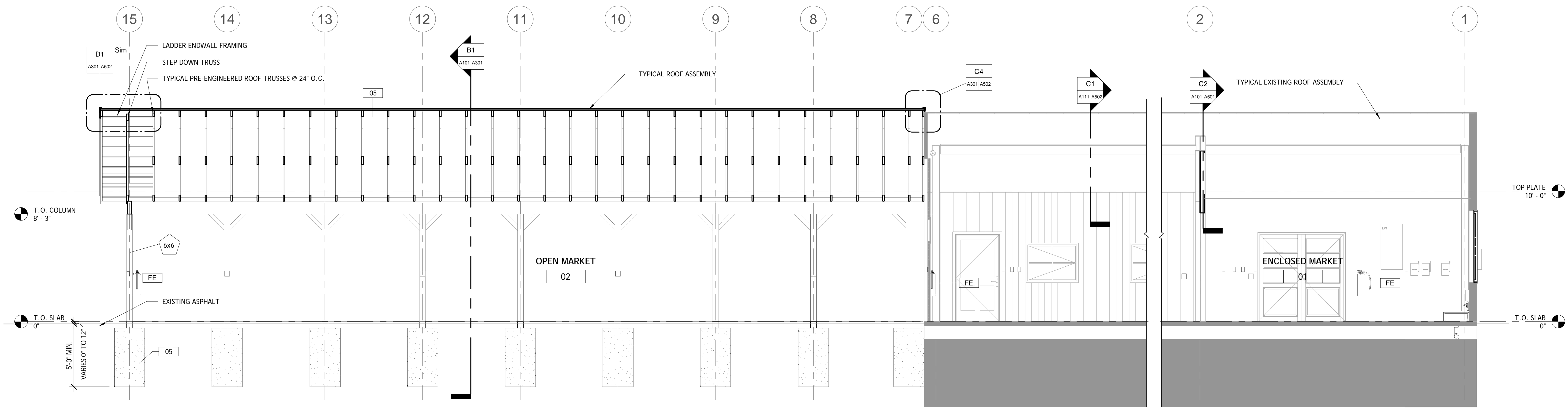
KEYNOTES

TAG	TEXT
05	ALTERNATE #01 PROPOSED PAVILION - CONSTRUCT NEW PAVILION INCLUDING, BUT NOT LIMITED TOO, FOUNDATIONS, STRUCTURE, FINISHES, PLUMBING, HVAC, AND ELECTRICAL.
18	FURNISH & INSTALL PREFINISHED ALUMINUM GUTTER & DOWNSPOUT SYSTEM.
20	ALTERNATE #02 - PAVILION LIGHTING - FURNISH AND INSTALL NEW INTERIOR AND EXTERIOR LIGHTING AROUND THE NEW PAVILION.
21	ALTERNATE #03 - NEW CEILING FANS - FURNISH AND INSTALL NEW CEILING FANS WITHIN EXISTING STRUCTURE.



B1 BUILDING SECTION - 3
 A101|A301 1/4" = 1'-0"

B3 BUILDING SECTION - 1
 A101|A301 1/4" = 1'-0"



D1 BUILDING SECTION - 2
 A101|A301 1/4" = 1'-0"

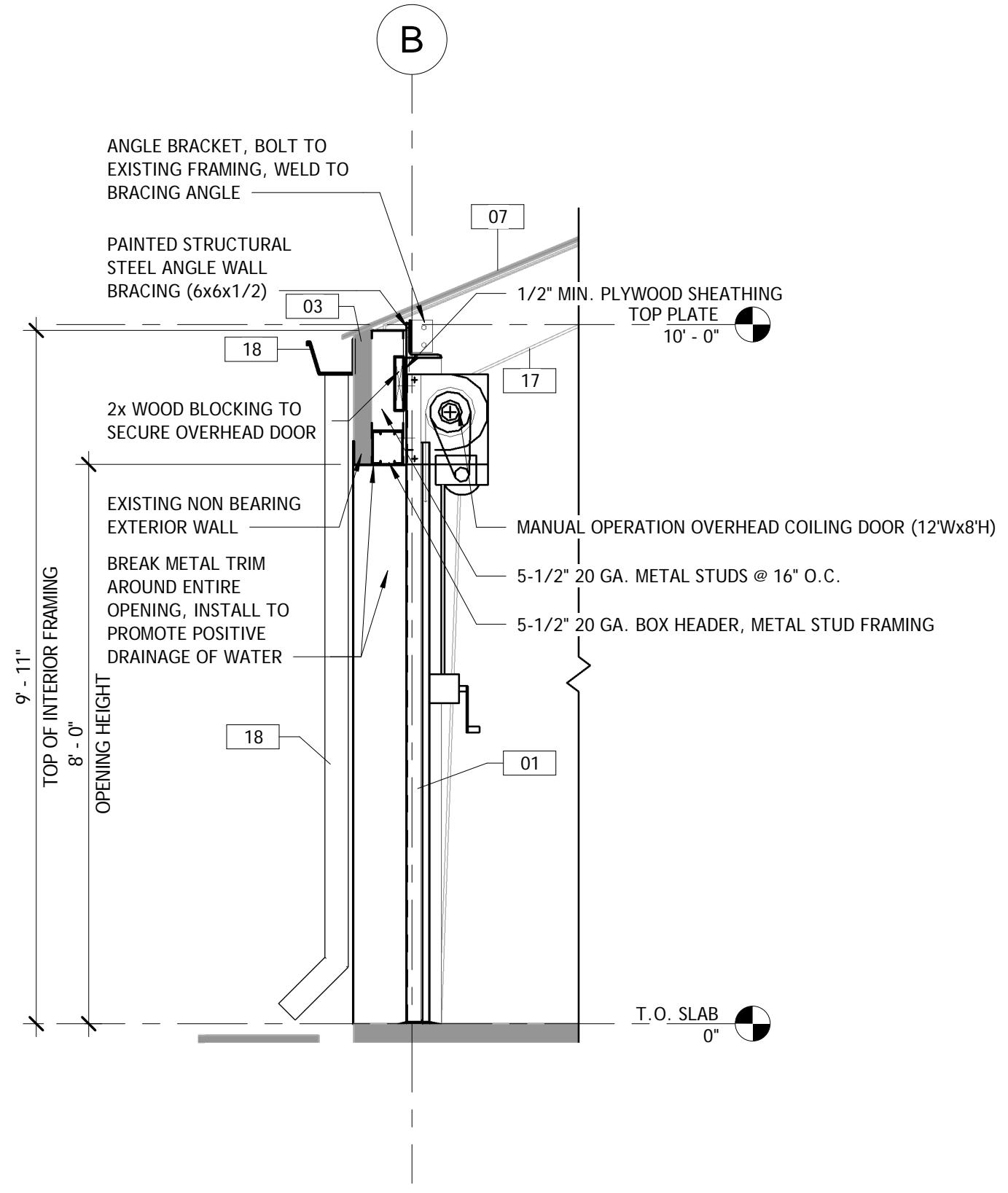
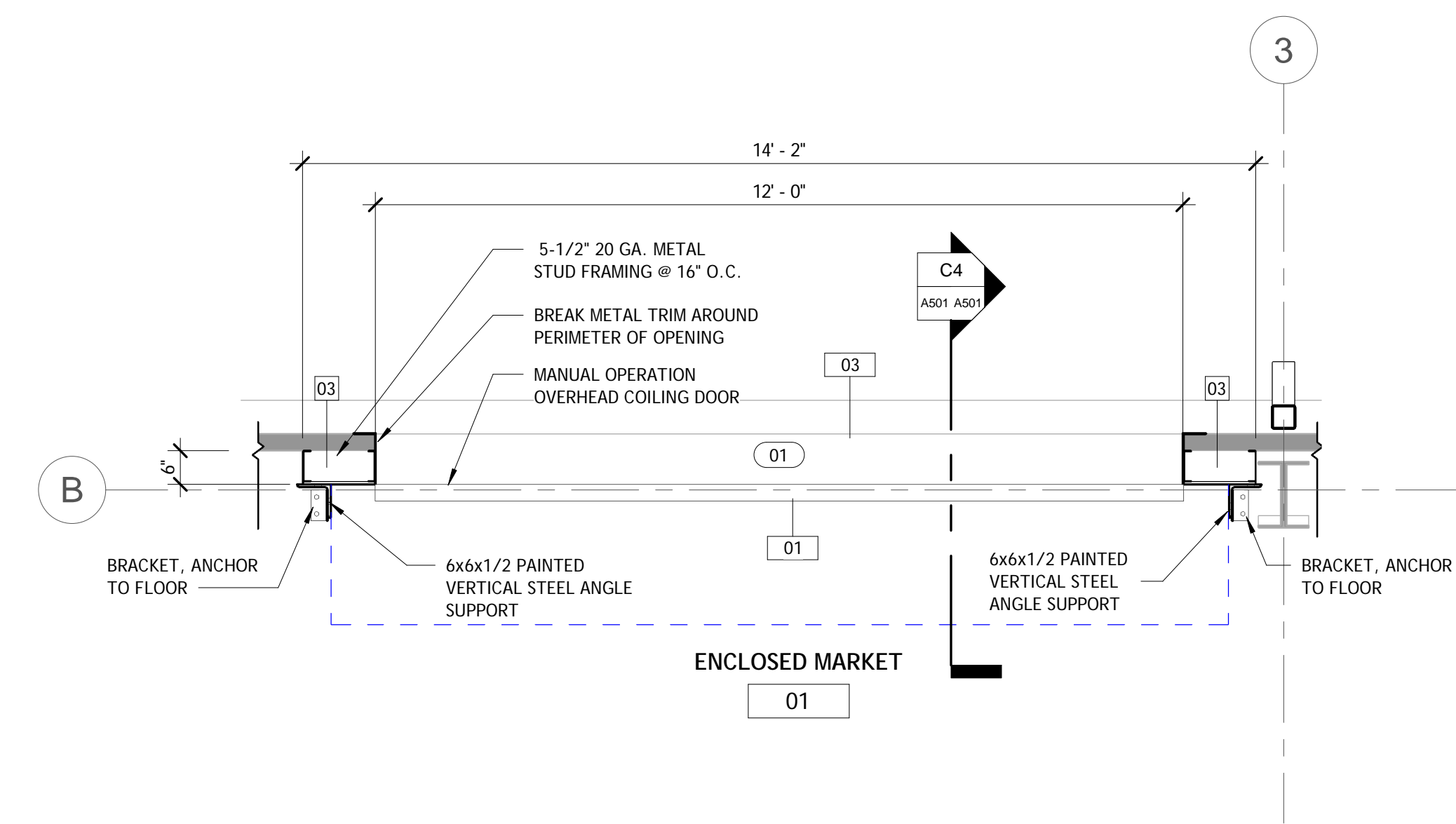
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KEYNOTES

TAG	TEXT
01	ALTERNATE #03 - NEW OVERHEAD DOOR - CUT NEW OPENING IN EXISTING WALL AND INSTALL NEW STEEL/METAL FRAMING STRUCTURE FOR SUPPORT OF NEW OVERHEAD DOOR ASSEMBLY. SEE OVERHEAD DOOR DETAILS.
03	PIER STEEL REMOVAL - CUT AND GRIND SMOOTH EXISTING EXPOSED STEEL PROTRUDING FROM EXISTING CONCRETE PIERS. PROTRUDING STEEL TO BE FLUSH/SMOOTH WITH TOP OF PIER. GRIND CONCRETE PIER TOP TO BE FLUSH WITH SURROUNDING ASPHALT PAVEMENT.
07	EXTERIOR PAINTING (EXISTING STRUCTURE) - SCRAPE AND CLEAN METAL WALLS AND ROOF AND ALL RELATED COMPONENTS IN ACCORDANCE WITH PAINT MANUFACTURER'S REQUIREMENTS. ENTIRE EXTERIOR INCLUDING ALL WALLS, TRIMS, DOORS, WINDOWS, FASCIA, SOFFITS, ROOF PANELS, BUT NOT LIMITED TO, SHALL BE PAINTED.
17	PROVIDE WALL PANEL REPAIR FOR EXISTING EXPOSED WALL PANELS TO ALIGN AND SECURE BASE FROM COLUMN LINE B2 TO B6, 6B TO 6G, AND G6 TO G2.
18	FURNISH & INSTALL PREFINISHED ALUMINUM GUTTER & DOWNSPOUT SYSTEM.
22	ALTERNATE #04 - SEWAGE PUMP - PROVIDE AND INSTALL NEW SEWAGE DUPLEX GRINDER PUMP AND ROUTING. (SEE CIVIL DRAWINGS FOR LOCATION).

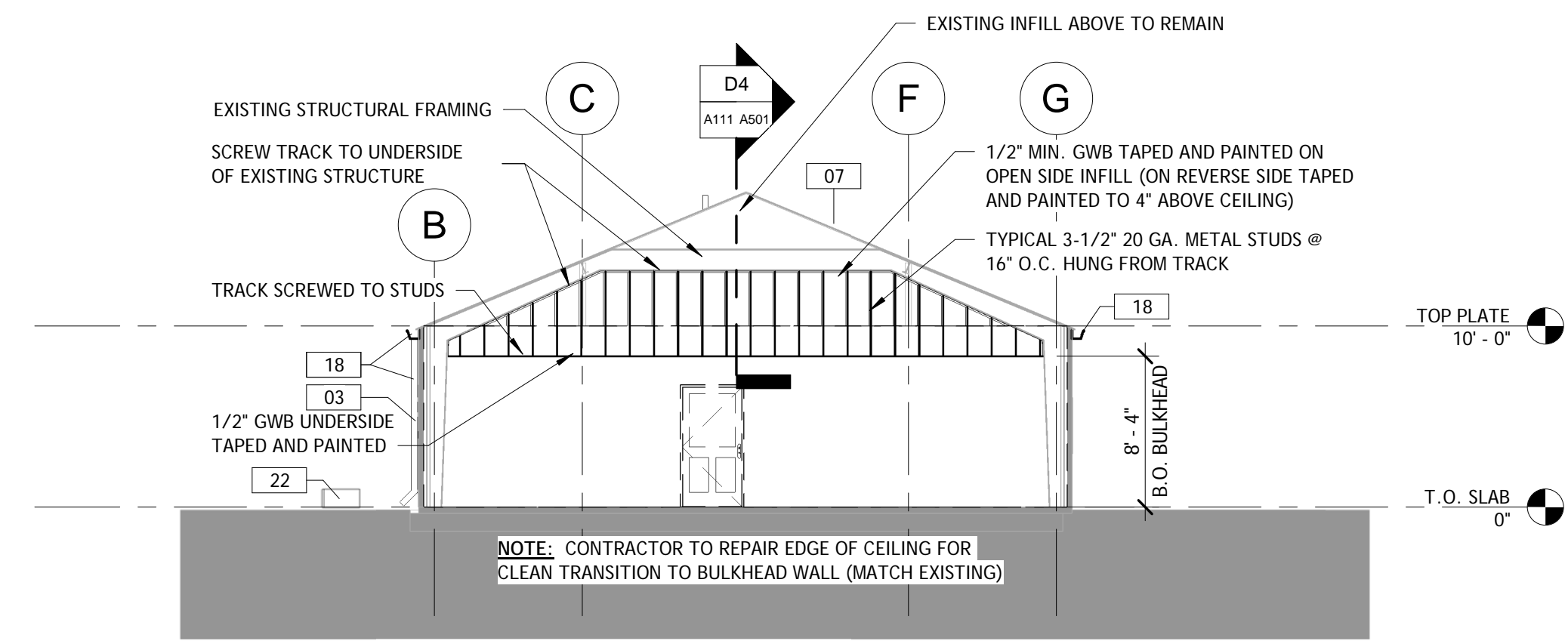


B2 OVERHEAD DOOR DETAIL ALTERNATE #03

A101|A501 1/2" = 1'-0"

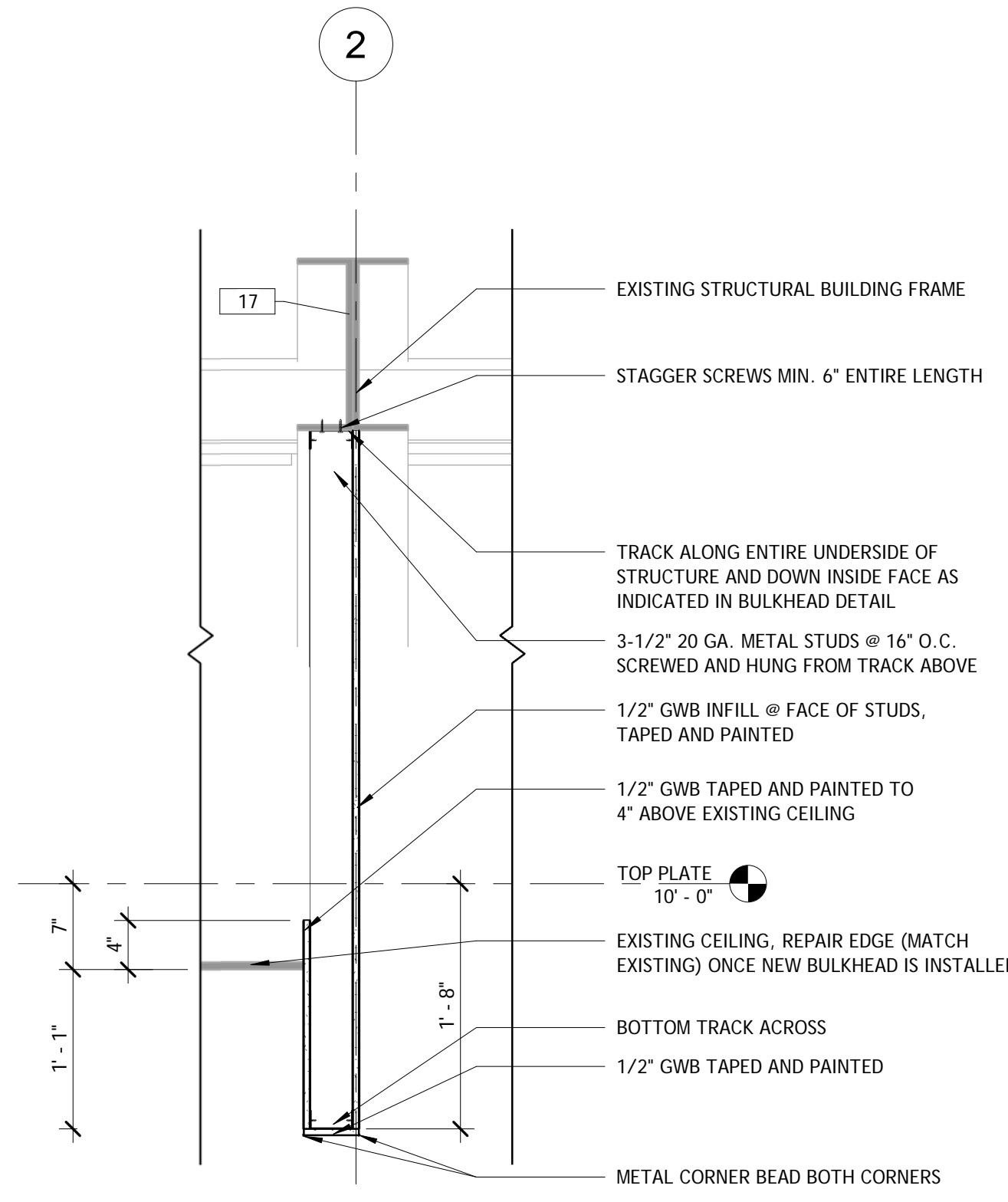
C4 OVERHEAD DOOR SECTION DETAIL ALTERNATE #03

A501|A501 1/2" = 1'-0"



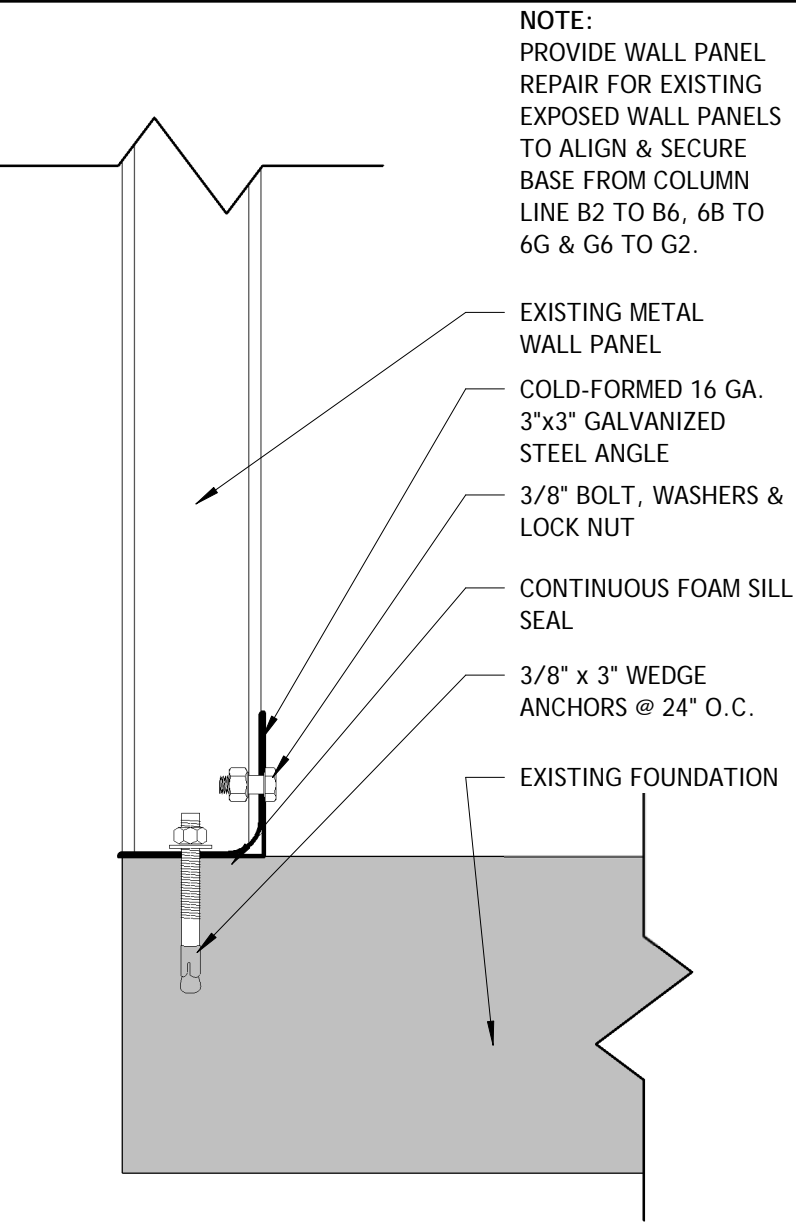
C2 BULKHEAD DETAIL

A101|A501 1/8" = 1'-0"



D4 BULKHEAD SECTION DETAIL

A111|A501 1" = 1'-0"



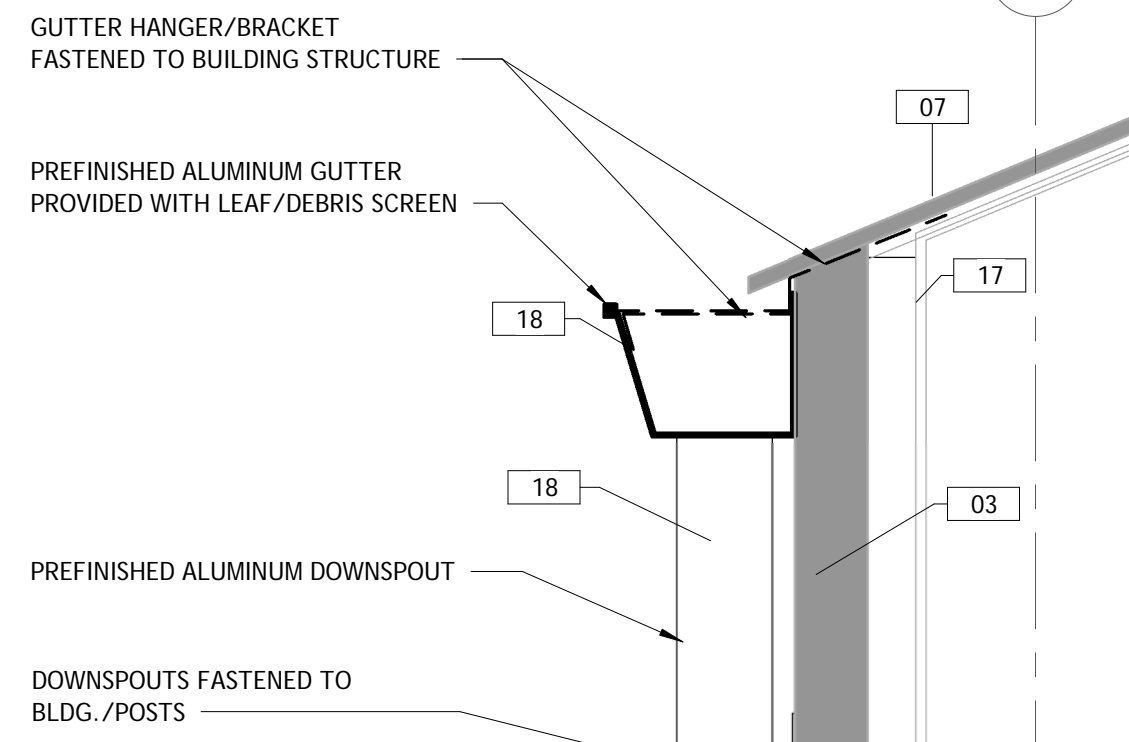
D2 WALL PANEL REPAIR @ BASE DETAIL

A301|A501 3" = 1'-0"

NOTE:
 PROVIDE WALL PANEL REPAIR FOR EXISTING EXPOSED WALL PANELS TO ALIGN & SECURE BASE FROM COLUMN LINE B2 TO B6, 6B TO 6G & G6 TO G2.

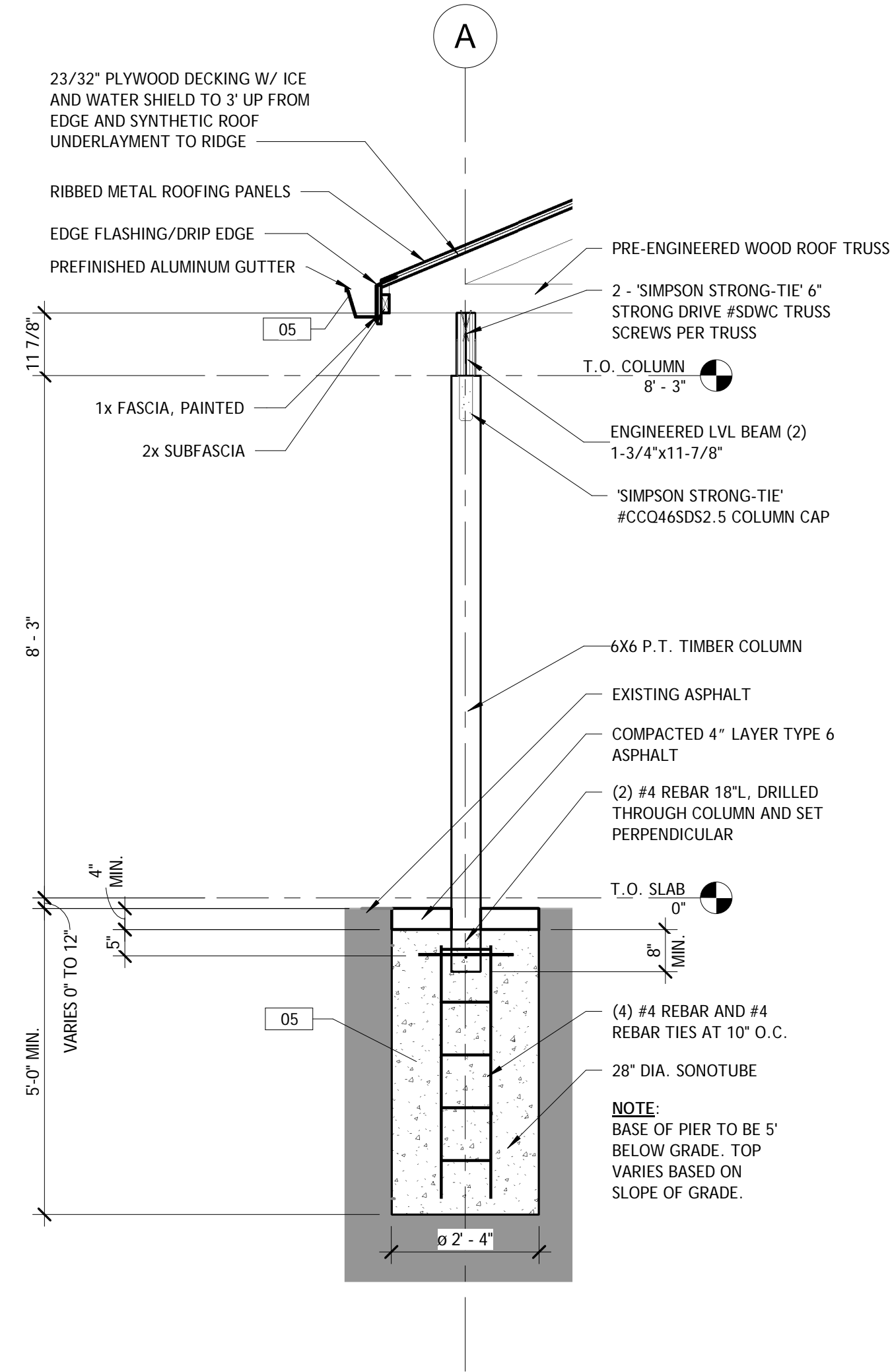
KEYNOTES

TAG	TEXT
03	PIER STEEL REMOVAL - CUT AND GRIND SMOOTH EXISTING EXPOSED STEEL PROTRUDING FROM EXISTING CONCRETE PIERS. PROTRUDING STEEL TO BE FLUSH/SMOOTH WITH TOP OF PIER. GRIND CONCRETE PIER TOP TO BE FLUSH WITH SURROUNDING ASPHALT PAVEMENT.
05	ALTERNATE #01 PROPOSED PAVILION - CONSTRUCT NEW PAVILION INCLUDING, BUT NOT LIMITED TO, FOUNDATIONS, STRUCTURE, FINISHES, PLUMBING, HVAC, AND ELECTRICAL.
07	EXTERIOR PAINTING (EXISTING STRUCTURE) - SCRAPE AND CLEAN METAL WALLS AND ROOF AND ALL RELATED COMPONENTS IN ACCORDANCE WITH PAINT MANUFACTURER'S REQUIREMENTS. ENTIRE EXTERIOR INCLUDING ALL WALLS, TRIMS, DOORS, WINDOWS, FASCIA, SOFFITS, ROOF PANELS, BUT NOT LIMITED TO, SHALL BE PAINTED.
17	PROVIDE WALL PANEL REPAIR FOR EXISTING EXPOSED WALL PANELS TO ALIGN AND SECURE BASE FROM COLUMN LINE B2 TO B6, 6B TO 6G, AND G6 TO G2.
18	FURNISH & INSTALL PREFINISHED ALUMINUM GUTTER & DOWNSPOUT SYSTEM.



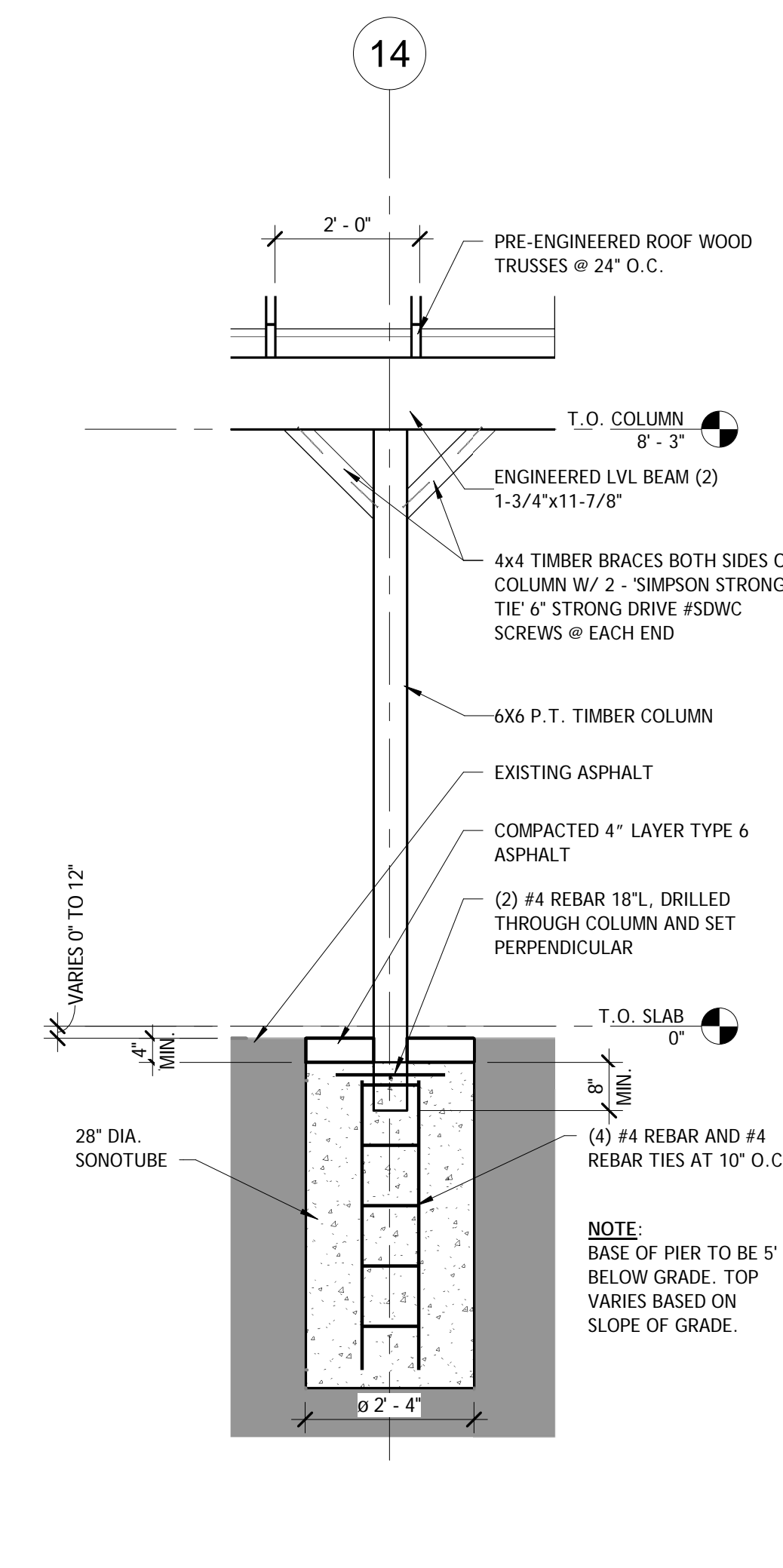
C1 GUTTER AT EXISTING BLDG.

A111 | A502 1 1/2" = 1'-0"



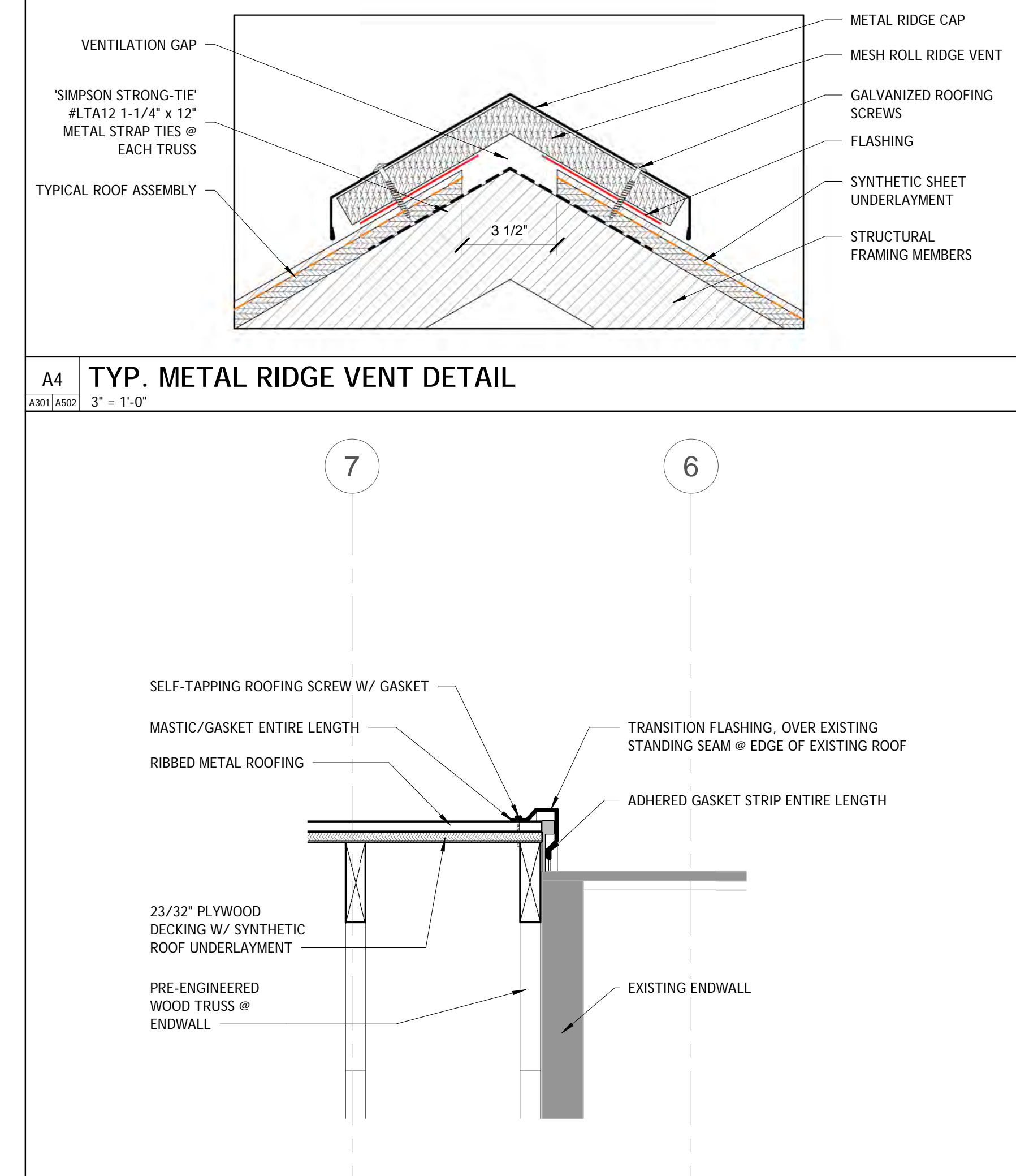
C2 SONOTUBE FOUNDATION DETAIL

A301 | A502 1/2" = 1'-0"



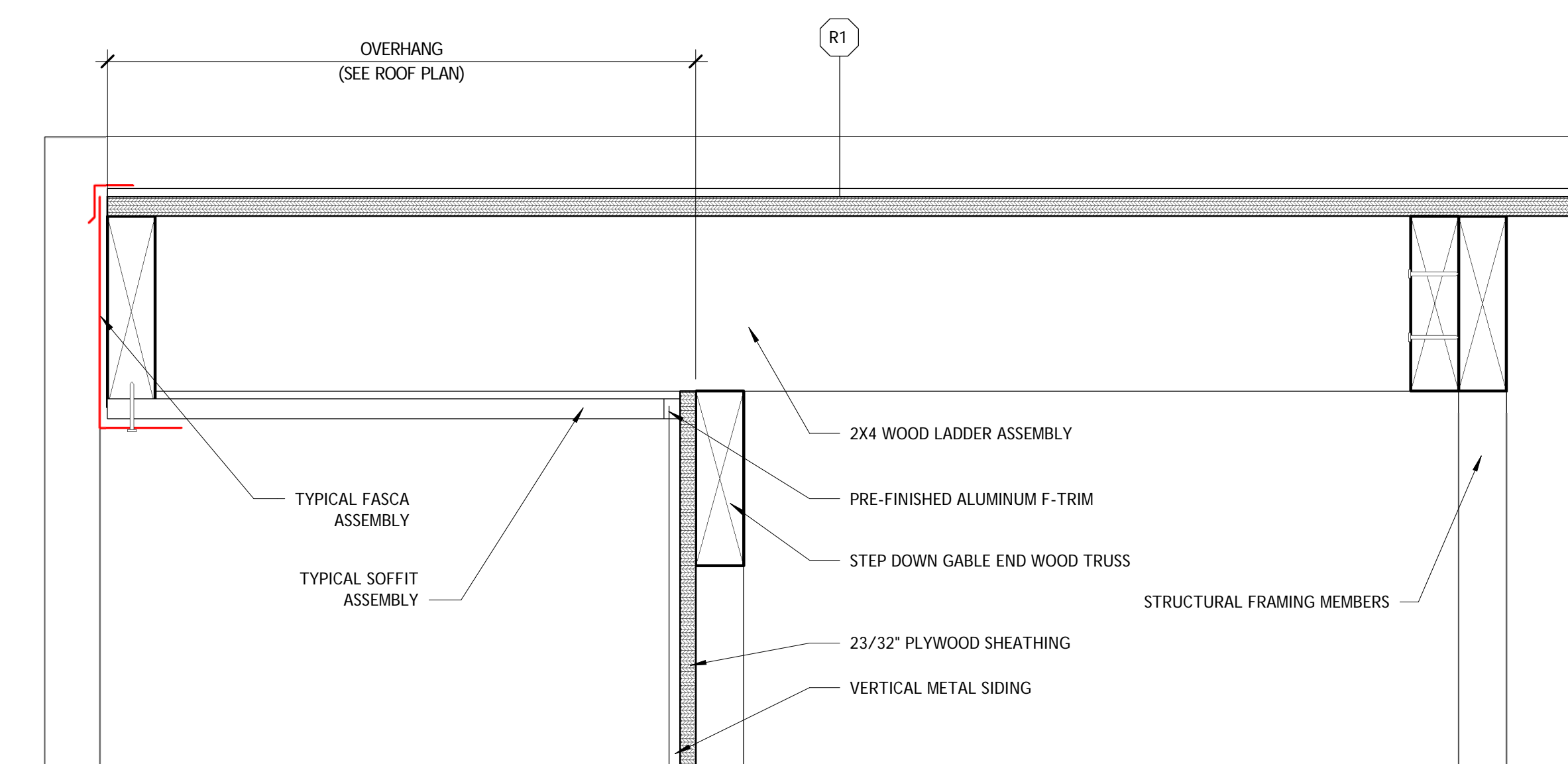
C3 TIMBER COLUMN FRAMING DETAIL

A502 | A502 1/2" = 1'-0"



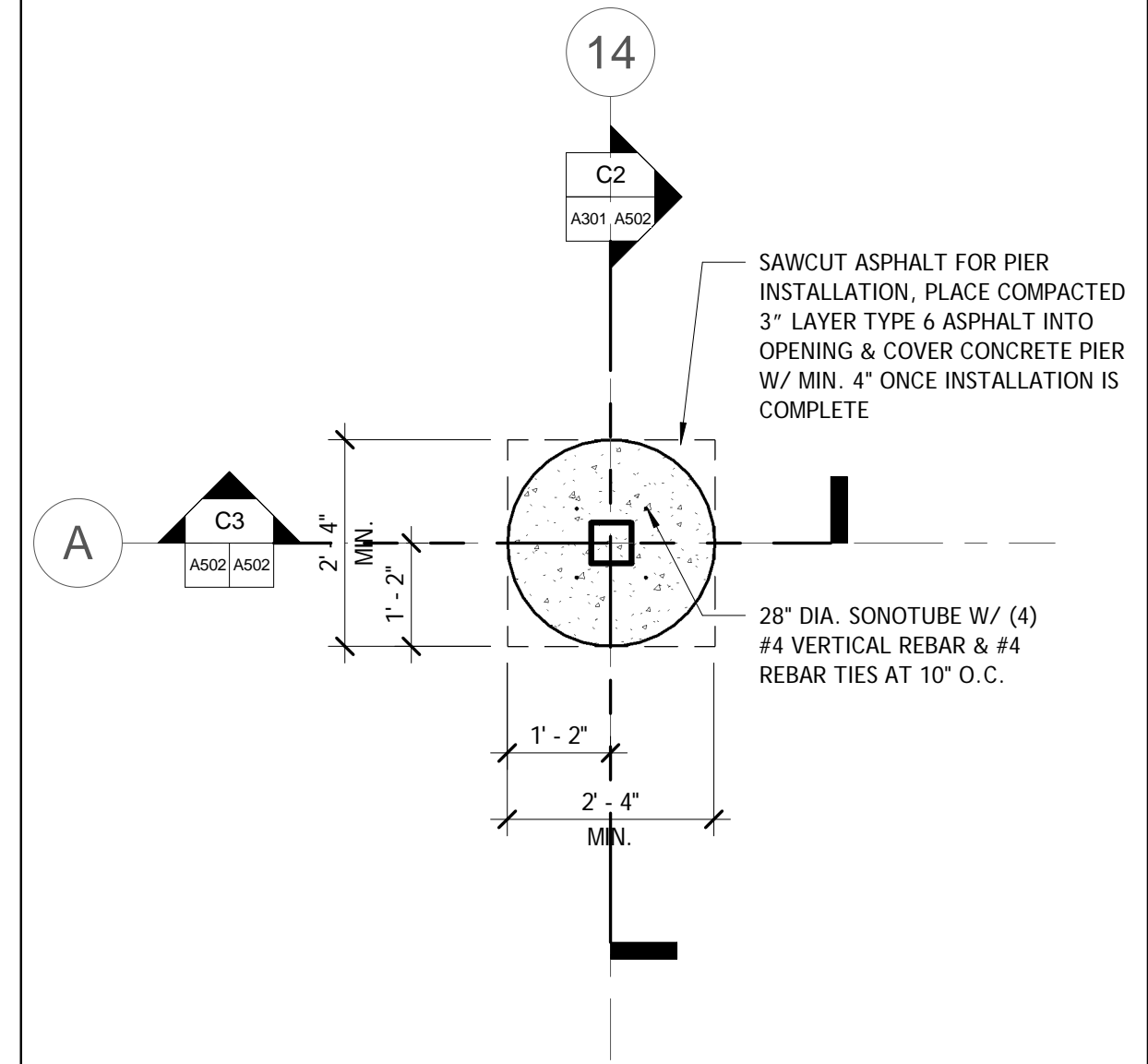
C4 ROOF TRANSITION DETAIL

A301 | A502 1 1/2" = 1'-0"



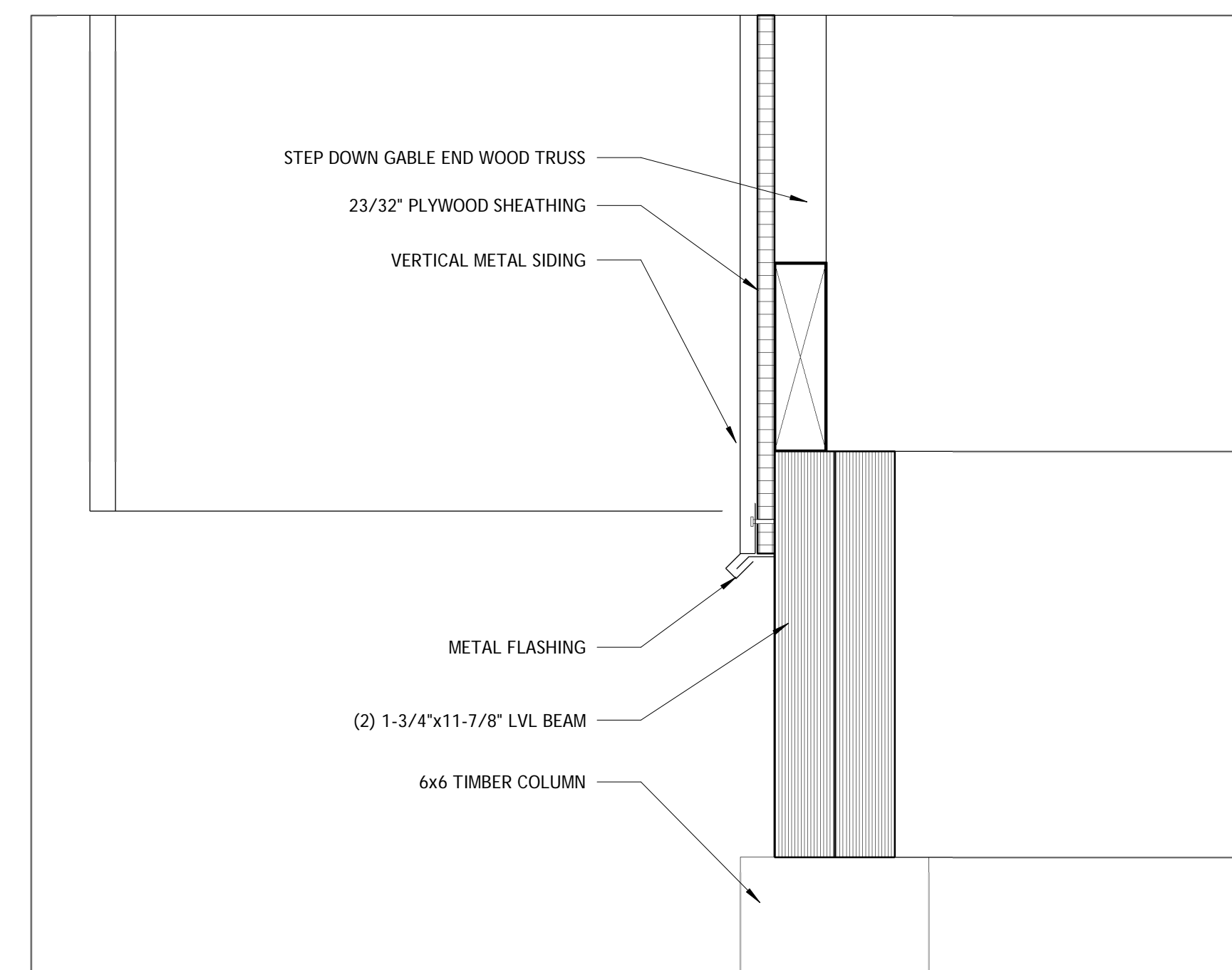
D1 TYPICAL GABLE END ASSEMBLY DETAIL

A301 | A502 3" = 1'-0"



D3 SONOTUBE FOUNDATION PLAN

S100 | A502 1/2" = 1'-0"



D4 TYPICAL GABLE END / WALL CONNECTION

A502 3" = 1'-0"



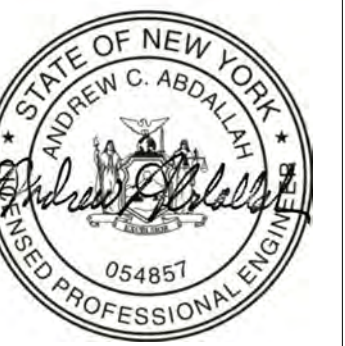
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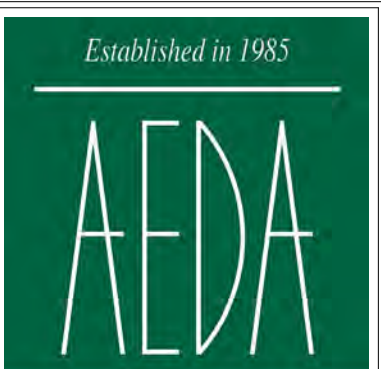
ROOM FINISH SCHEDULE

NUMBER	NAME	AREA	BASE FINISH	FLOOR FINISH	WALL FINISH				CEILING FINISH	COMMENTS
					NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL		
01	ENCLOSED MARKET	3588 SF	N/A	CONCRETE SEALER	PAINTED	PAINTED	PAINTED	PAINTED	PAINTED	
02	OPEN MARKET	2204 SF	N/A	SCRAPE & CLEAN						

DOOR & DOOR HARDWARE SCHEDULE

NO.	DOOR					FRAME		FIRE RATING	HINGES	LOCKSET	CLOSER	STOPS	PLATES	THRESHOLDS	EXIT DEVICES	MISCELLANEOUS	REMARKS
	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	MATERIAL	FINISH										
01	12' - 0"	8' - 0"	3"						STANLEY - FB8168 - 4-1/2" X 4-1/2"								LATCH AND LOCK PROVIDED BY MANUFACTURER
02	12' - 0"	12' - 6"	2"						STANLEY - FB8179 - 4-1/2" X 4-1/2"								REMOVE EXISTING LOCKSET
03	3' - 4"	6' - 8"	1 3/4"						KAWNEER - 4 BUTT HINGES								EXISTING DOOR AND HARDWARE TO REMAIN
04	6' - 8"	6' - 10 73/256"							CORBIN RUSSWIN - #CL3310								REMOVE EXISTING LOCKSET
05	3' - 4"	6' - 8"	1 3/4"						CORBIN RUSSWIN - #CL3320								EXISTING DOOR AND HARDWARE TO REMAIN

EXISTING DOOR NOTES:
 1. ALL EXISTING DOOR TO BE REFINISHED: SCRAPING, SANDING, PRIME COAT & TWO TOP COATS.
 2. DOORS 04 AND 06 TO HAVE EXISTING LOCKSETS REMOVED AND REPLACED BY CORBIN RUSSWIN - #CL3351. COORDINATE KEYING OF LOCKSETS TO OWNER'S MASTER KEY SYSTEM.



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ROOM, DOOR, AND WINDOW SCHEDULES

PROJECT NO. 20005
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 CHECKED BY SEC

A601

1

2

3

4

5

A

B



B1 EXTERIOR RENDERINGS 1

A901

C

D



D1 EXTERIOR RENDERINGS 2

A901

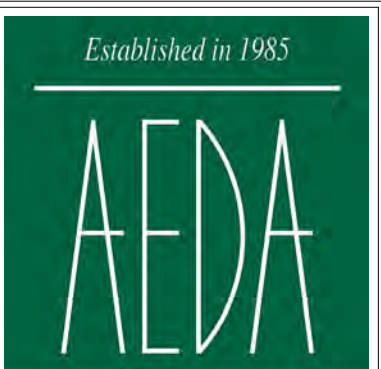
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VIEWS

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A901

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1

2

3

4

5

PLUMBING NOTES - DEMOLITION

- PERFORM ALL DEMOLITION IN AN ORGANIZED AND CAREFUL MANNER. LEAVE AREAS UNDER DEMOLITION CLEAN AND ORDERLY AT THE END OF EACH SHIFT.
- PLUMBING CONTRACTOR IS RESPONSIBLE TO PROPERLY DRAIN OR DISCHARGE PLUMBING SYSTEMS PRIOR TO START OF DEMOLITION. COORDINATE WITH OWNER AND ALL APPLICABLE CODES FOR WASTE FLUID DISPOSAL.
- PROTECT BUILDING OR SYSTEM COMPONENTS SCHEDULE TO REMAIN. PROVIDE FOR REPAIRS TO EXISTING BUILDING OR SYSTEM COMPONENTS IMPACTED BY DEMOLITION UNDER THIS CONTRACT.
- MINIMIZE INTERFERENCE TO OWNER OCCUPIED AREA(S) NOT INCLUDED IN SCOPE OF WORK THROUGHOUT DEMOLITION PHASE.
- IDENTIFY ANY REMAINING OR ABANDONED UTILITIES WITHIN DEMOLITION AREAS. IDENTIFICATION TAGS SHALL BE IN ACCORDANCE WITH PLUMBING IDENTIFICATION SPECIFICATION.
- REMOVE ALL DEMOLISHED MATERIALS FROM THE WORK SITE AS WORK PROGRESSES UNLESS NOTED OTHERWISE. OWNER RETAINS THE RIGHT TO KEEP ANY MATERIALS OR EQUIPMENT REMOVED. TURN OVER SUCH ITEMS TO OWNER UPON REQUEST.
- BLANK OFF, PLUG, OR CAP BRANCH PIPING TO BE DEMOLISHED AT THE POINT OF DISCONNECTION FROM MAIN.
- COMPLETELY REMOVE PIPE HANGERS, STRAPS, CLAMPS, SUPPORTS AND PADS ASSOCIATED WITH PIPING OR EQUIPMENT BEING DEMOLISHED.
- REFER TO EQUIPMENT / FIXTURE SPECIFICATIONS FOR FINAL CONNECTION SIZES.
- COORDINATE LOCATION AND ELEVATION OF STORM AND SANITARY LATERALS AND WATER SERVICE WITH THE SITE CONTRACTOR. NO ALLOWANCE TO BE MADE FOR ADDITIONAL COSTS DUE TO THE CONTRACTORS FAILURE TO COORDINATE TERMINATION POINTS. THE PLUMBING CONTRACTOR IS RESPONSIBLE FOR THE FINAL CONNECTION TO THE SITE UTILITIES.
- MINIMUM SIZE OF WASTE PIPING BELOW SLAB SHALL BE 3".
- CAP ALL SANITARY WASTE & VENT PIPE OPENINGS @ ACTIVE MAINS IN SUCH A MANNER AS TO NOT CREATE "DEAD-END", CAUSED BY DEMOLITION WORK. DEAD-END IS DEFINED IN THE NEW YORK STATE PLUMBING CODE.
- PLUMBING FIXTURES NOTED TO BE REMOVED SHALL INCLUDE REMOVAL OF SERVICES (WASTE AND SANITARY, VENT, HOT & COLD WATER PIPING) BACK TO ACTIVE MAINS OR RISERS AND CAP, IF NOT BEING RECONNECTED TO NEW SYSTEMS.
- REFERENCE ARCHITECTURAL PLANS FOR ACCESSIBLE FIXTURE MOUNTING HEIGHTS.

PLUMBING NOTES - DEMOLITION

- ALL FIRMS PERFORMING RENOVATION, REPAIR, AND PAINTING PROJECTS THAT DISTURB LEAD-BASED PAINT ARE TO BE CERTIFIED BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY TO DO SUCH WORK. WORK TO BE PERFORMED IN ACCORDANCE WITH USEPA 40 CFR 745.225 AND WITH TOXIC SUBSTANCES CONTROL ACT SECTION 406.B. & SECTION 408.
- COORDINATE ALL SYSTEM SHUT DOWNS WITH OWNER. NOTIFY OWNER AT LEAST SEVEN DAYS IN ADVANCE OF REQUESTED SHUT DOWN DATE. THIS CONTRACTOR IS RESPONSIBLE FOR SYSTEM DRAINING AND REFILLING WHICH SHALL BE INCLUDED IN THE DURATION OF DOWN TIME RELAYED TO OWNER. OBTAIN APPROVAL PRIOR TO PROCEEDING WITH WORK.
- IF ASBESTOS OR SUSPECT HAZARDOUS MATERIALS ARE DISCOVERED AND/ OR DISTURBED, CEASE OPERATIONS AND MATERIALS ARE TO BE ABATED COMPLETELY PRIOR TO OTHER TRADE ACTIVITIES.

PLUMBING LINE TYPES

- COLD WATER CONNECTION/ SANITARY PIPE
- SHUT OFF VALVE
- HOT WATER CONNECTION
- BREAK LINE

PLUMBING SYMBOL LEGEND

- PLUMBING VENT
- SANITARY PIPE - ORANGE
- DOMESTIC HOT WATER PIPE
- DOMESTIC COLD WATER PIPE

PLUMBING NOTES - GENERAL

- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE SIZE AND GENERAL ARRANGEMENT OF PIPING, EQUIPMENT, AND SPECIALTIES. EXACT LOCATIONS AND ROUTINGS SHALL BE DETERMINED IN THE FIELD BEFORE AND AS THE WORK PROGRESSES.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO COMMENCEMENT OF ANY WORK. ANY REQUIRED CHANGES TO WORK SHOWN IN DRAWINGS SHALL BE COORDINATED WITH ARCHITECT/ENGINEER AND OTHER TRADES PRIOR TO CONSTRUCTION.
- DRAWINGS DO NOT INDICATE ALL OFFSETS, CHANGES IN ELEVATION ETC. WHICH MAY BE REQUIRED BY ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHALL PROVIDE FOR SUCH CHANGES IN PIPING OR EQUIPMENT LOCATIONS AS NECESSARY TO ACCOMMODATE FIELD CONDITIONS AND THE WORK OF OTHER CONTRACTS.
- THE WORK INCLUDED WITHIN THIS CONTRACT ENCOMPASSES BOTH THE DRAWINGS AND SPECIFICATIONS. WORK INCLUDED ON THE DRAWINGS ONLY, OR IN THE SPECIFICATION ONLY, SHALL BE INCORPORATED AS IF INCLUDED IN BOTH. SYSTEMS ARE INTENDED TO BE COMPLETE AND FULLY FUNCTIONING. THE CONTRACTOR SHALL PROVIDE SUCH COMPONENTS AS NECESSARY FOR A FULLY FUNCTIONING SYSTEM.
- COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF THE OTHER CONTRACTS. PHASE INSTALLATION OF EQUIPMENT AND PIPING TO ENSURE CONTRACTIBILITY, AND THAT CONSTRUCTION PROCEEDS IN AN ORGANIZED, EFFICIENT, AND ORDERLY MANNER. PIPING TO BE SLOPED SHALL TAKE PRECEDENCE OVER PRESSURE PIPING, DUCTWORK, AND EQUIPMENT LOCATIONS.
- EXCEPT AS NOTED IN SPECIFICATIONS, ALL CUTTING AND PATCHING OF BUILDING COMPONENTS REQUIRED TO ACCOMMODATE THE WORK OF THIS CONTRACT SHALL BE RESPONSIBILITY OF THE PLUMBING CONTRACTOR. ALL PATCHING SHALL MATCH EXISTING COMPONENTS AND FINISHES. CUTTING AND PATCHING WORK SHALL BE PERFORMED BY PERSONNEL TRAINED AND REGULARLY EMPLOYED FOR SUCH SERVICE.
- PLUMBING CONTRACTOR SHALL PROVIDE NECESSARY SUPPORT FRAMING, STIFFENERS, BRACING, AND HANGERS WHETHER SHOWN OR NOT TO ENSURE A COMPLETE AND DURABLE SYSTEM. SUPPORT FRAMING CONNECTIONS SHALL BE WELDED UNLESS SPECIFICALLY SHOWN OTHERWISE. ACTUAL SUPPORTS MAY VARY FROM THOSE SHOWN IN DETAILS AS REQUIRED BY ACTUAL EQUIPMENT FURNISHED OR BY FIELD CONDITIONS.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING SYSTEMS WITH WALL AND FLOOR RATINGS INDICATED ON CODE COMPLIANCE DRAWINGS. ALL RATED CONSTRUCTION IS INDICATED ON THE CODE COMPLIANCE DRAWINGS INCLUDING RATED FLOOR/CEILING ASSEMBLIES.
- ACCEPTABLE FIRE STOPPING MATERIAL IS IDENTIFIED IN THIS SPECIFICATION SECTION. THE CONTRACTOR IS REQUIRED TO PROVIDE THE SPECIFIC LISTED DESIGN BEING PROVIDED FOR THE SPECIFIC PENETRATIONS THAT ARE BEING INSTALLED.
- REFER TO NOTES ON SCHEDULE FOR SPECIFICATIONS FOR PLUMBING FIXTURES.
- COORDINATE PIPING SUPPLY, SANITARY AND STORM, WITH ELECTRICAL PANELS AND LOAD CENTERS. IN NO CASE SHALL PIPING BE INSTALLED OVER THE PLANE OF AN ELECTRICAL PANEL.
- SEAL AROUND ALL JOINTS WHERE PLUMBING FIXTURES COME INTO CONTACT WITH WALLS OR FLOORS WITH WHITE SILICONE CAULK. 100% SILICONE, TUB AND TILE, SIMILAR TO DAP TITANIUM LOW VOC, LEED CERTIFIED PRODUCT.
- INFORMATION SUCH AS SIZE, LOCATION OR INVERTS OF EXISTING CONCEALED SERVICES, IS APPROXIMATE AND BASED ON REPUTED INFORMATION FROM EXISTING DRAWINGS. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THIS INFORMATION IN THE FIELD.
- PROVIDE 1/4" PER FOOT SLOPE FOR ALL SANITARY LINES 3 INCH AND SMALLER AND 1/8" PER FOOT SLOPE FOR ALL SANITARY LINES 4" AND LARGER WITHIN THE BUILDING, UNLESS OTHERWISE NOTED.
- COORDINATE LOCATION AND ROUTING OF PLUMBING LINES WITH ALL OTHER TRADES. PROVIDE EASILY ACCESSIBLE CLEANOUTS AT THE BOTTOM OF ALL WASTE AND SOIL STACKS.
- PROVIDE EASILY ACCESSIBLE CLEANOUTS AT ALL CHANGES IN DIRECTION GREATER THAN 45 DEGREES, AS WELL AS WHERE SHOWN ON PLANS.
- PROVIDE EASILY ACCESSIBLE SHUT OFF ON ALL BRANCH LINES, PROVIDE STOPS AT ALL FIXTURES
- CONTRACTOR MAY COMBINE PLUMBING VENTS THROUGH ROOF AND MAY CONNECT TO EXISTING VENTS THROUGH ROOF PROVIDING THEY ARE ADEQUATE SIZE.
- PROVIDE ALL WORK IN ACCORDANCE WITH THE PLUMBING CODE OF NEW YORK STATE, NEW YORK STATE DEPARTMENT OF HEALTH GROSS CONNECTION CONTROL MANUAL, AND ANY LOCAL CODE THAT MAY TAKE PRECEDENCE.
- PROVIDE CONNECTIONS TO SERVICES PROVIDED BY OTHER CONTRACTORS, UNLESS OTHERWISE NOTED.
- PROVIDE ALL PERMITS AND TESTING REQUIRED.
- DETAILS, NOTES, SCHEDULES, AND SYMBOLS APPLY TO ALL PLUMBING SHEETS.
- DOMESTIC WATER HEATER TO HAVE SEISMIC BRACING AND RESTRAINTS.
- MAINTAIN SERVICE CLEARANCES FOR ALL EQUIPMENT. ADVISE OTHER TRADES IF THE REQUIRED SERVICE CLEARANCES.
- PROVIDE NECESSARY COMPONENTS FOR DRAINING AND REFILLING OF PIPING SYSTEMS INCLUDING AIR REMOVAL, RESETTNG OF FLUSH VALVES, FLUSHING SYSTEMS OF DIRT AND SCALE CAUSED BY SHUT DOWNS AND STARTUPS.
- TEST WATER SUPPLY SYSTEM: ONCE SYSTEM IS COMPLETE, LESS FIXTURES CHARGE TO 125 PSIG FOR A PERIOD OF 4 HOURS. VERIFY SYSTEM IS COMPLETE WITH NO LEAKS. IF LEAKS OR DRIPS ARE FOUND FIX AND RE-TEST. FIXTURE SHALL NOT BE CONNECTED TO THE SYSTEM DURING TEST.
- FLUSH AND DISCONNECT NEW WATER SUPPLY SYSTEM IN ACCORDANCE WITH SPECIFICATIONS AND OBTAIN RESULTS OF WATER TEST FROM AN APPROVED TESTING LABORATORY.
- WATER DISTRIBUTION PIPING SYSTEM SHALL BE PROVIDED WITH SHOCK ABSORBERS, SIZED AND INSTALLED IN ACCORDANCE WITH PDI (PLUMBING AND DRAINING INSTITUTE) STANDARD WH-201
- PITCH WATER DISTRIBUTION SYSTEM TO DRAIN TO LOW POINTS, PROVIDE HOSE END DRAIN VALVE AT EACH LOW POINT.
- LABEL ALL PIPING SYSTEMS INDICATING SYSTEM AND DIRECTION OF FLOW, LABELS SHALL BE AT WALL PENETRATIONS, MAJOR EQUIPMENT AND AT INTERVALS OF 25 FEET FOR LONG RUNS OF HORIZONTAL PIPING.
- COORDINATE FLOOR DRAIN LOCATIONS WITH ALL OTHER TRADES AND EQUIPMENT LAYOUTS, DRAINS ARE NOT TO BE LOCATED UNDER EQUIPMENT OR HOUSEKEEPING PADS, RELOCATE AT NO ADDITIONAL COST TO THE OWNER.
- PLUMBING CONTRACTOR IS RESPONSIBLE FOR FIRESTOPPING ALL PENETRATIONS REQUIRED BY THE CONTRACT. REFER TO DIVISION 7 FOR MATERIALS AND METHODS.

PLUMBING FIXTURE LEGEND

- WALL MOUNTED - FLUSH VALVE TOILET
- FLOOR MOUNTED - TOILET WITH TANK
- WALL MOUNTED - LAVATORY
- UTILITY SINK
- MOP SINK, 2'-0" x 2'-0", FLOOR MOUNTED SHOWN WITH WALL MOUNTED FAUCET
- BATHTUB, 5'-0" x 2'-10"
- BATHTUB, 5'-4" x 3'-0", ROLL-IN TYPE
- SHOWER, 3'-0" x 3'-0"
- ADA COMPLIANT HIGH/LOW DRINKING FOUNTAIN
- HOT WATER HEATER - TANK TYPE
- HOT WATER HEATER - TANKLESS, WALL MOUNTED TYPE
- FLOOR CLEAN-OUT
- FLOOR DRAIN

PLUMBING ABBREVIATIONS

C.W.	DOMESTIC COLD WATER	S.A.	SHOCK ABSORBER
H.W.	DOMESTIC HOT WATER	B.F.P.	BACK FLOW PREVENTER
H.W.R.	DOMESTIC HOT WATER RECIRCULATION	V.BB.	VACUUM BREAKER
SAN	SANITARY	N.G.	NATURAL GAS
W	WASTE	A.A.V.	AIR ADMITTANCE VALVE
V	VENT	P.R.V.	PRESSURE REDUCING VALVE
CO	CLEAN OUT	B.R.	BATHROOM
LAV.	LAVATORY	JAN. CLO.	JANITORS' CLOSET
W.C.	WATER CLOSET	TYP.	TYPICAL
W.V.	WET VENT	A.F.F.	ABOVE FINISHED FLOOR
M.S.	MOP SINK	A.D.A.	AMERICANS WITH DISABILITIES ACT
W.H.	WALL HYDRANT	B.F.F.	BELOW FINISHED FLOOR
F.D.	FLOOR DRAIN	DIA.	DIAMETER
L.T.	LAUNDRY TUB	DN.	DOWN
S.K.	SINK	E.W.C.	ELECTRIC WATER COOLER
S.H.	SHOWER	H.B.	HOSE BIBB
D.F.	DRINKING FOUNTAIN	INV.	INVERT
C.D.	CONDENSATE DRAIN	UR.	URINAL
W.C.O.	WALL CLEANOUT	V.T.R.	VENT THROUGH ROOF

Established in 1985

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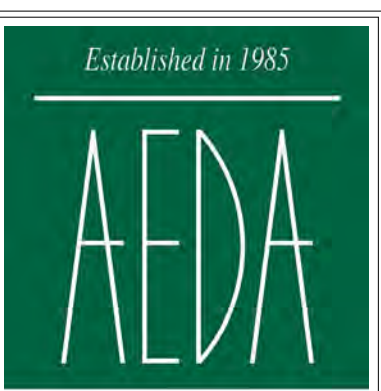
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PLUMBING - NOTES, LEGEND, & DETAILS

PROJECT NO. 20005
DATE 09-02-2020
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ENLARGED PLUMBING PLAN (ALT. #4)

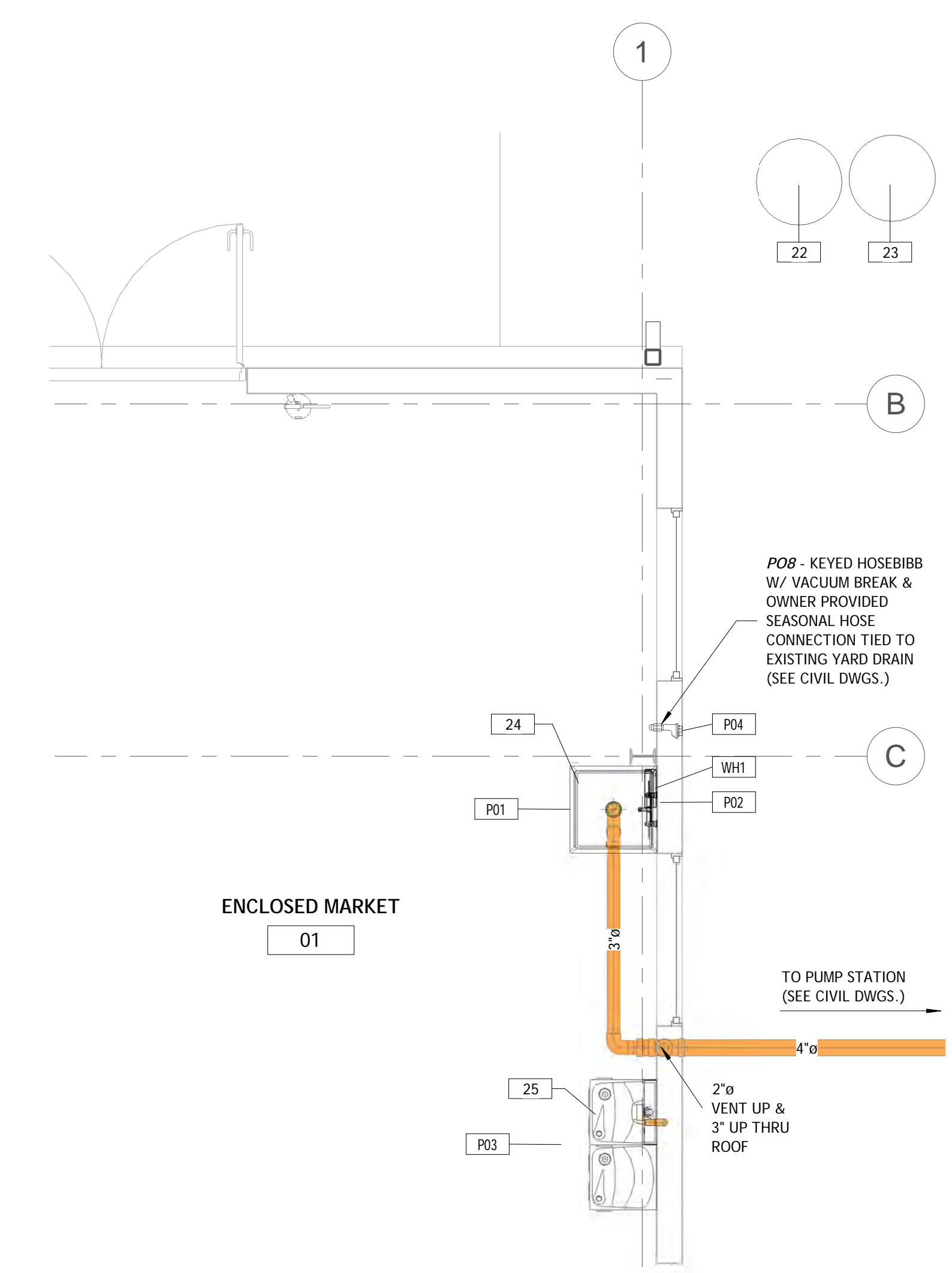
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KEYNOTES

TAG	TEXT
22	ALTERNATE #04 - SEWAGE PUMP - PROVIDE AND INSTALL NEW SEWAGE DUPLEX GRINDER PUMP AND ROUTING. (SEE CIVIL DRAWINGS FOR LOCATION).
23	ALTERNATE #04 - FORCE MAIN - PROVIDE NEW SEWER FORCE MAIN CONNECTION TO EXISTING SANITARY SEWER MANHOLE. (SEE CIVIL DRAWINGS FOR LOCATION).
24	ALTERNATE #04 - MOP SINK - PROVIDE AND INSTALL NEW MOP SINK WITHIN EXISTING STRUCTURE. NEW PLUMBING TO ROUTE TO PUMP STATION AND VENT THROUGH THE ROOF.
25	ALTERNATE #04 - HIGH/LOW WATER COOLER - PROVIDE AND INSTALL NEW HIGH/LOW WATER COOLER WITHIN EXISTING STRUCTURE. NEW PLUMBING TO ROUTE TO PUMP STATION.

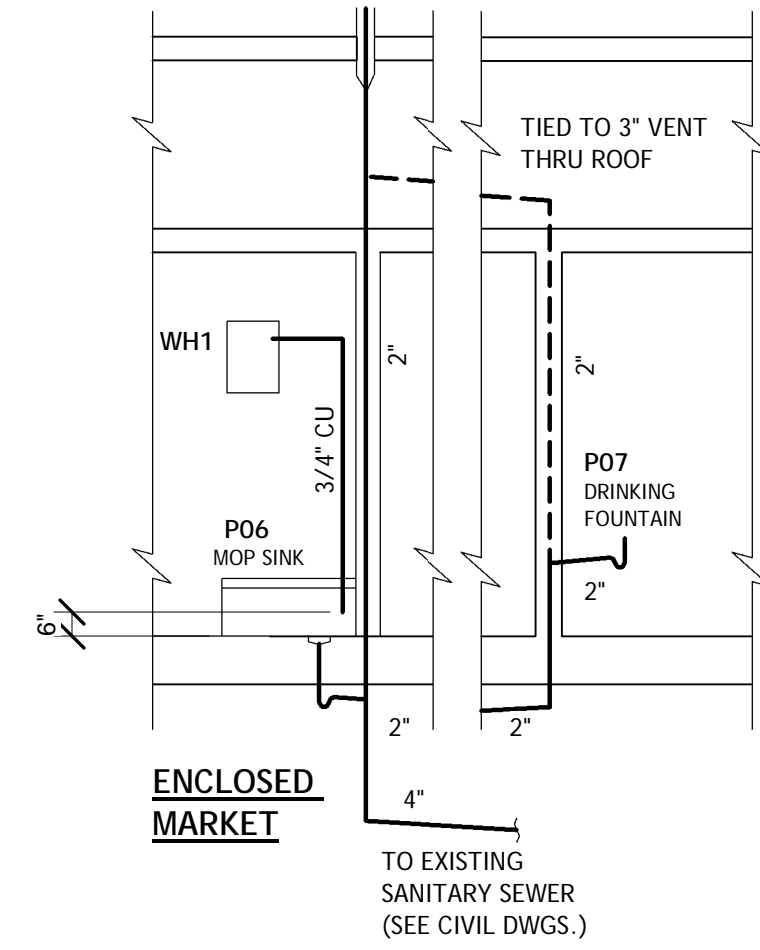


D3 ENLARGED PLUMBING PLAN - ALTERNATE #4
P102 3/8" = 1'-0"

SANITARY SEWER SCHEMATIC - ALTERNATE #4

NOTES:

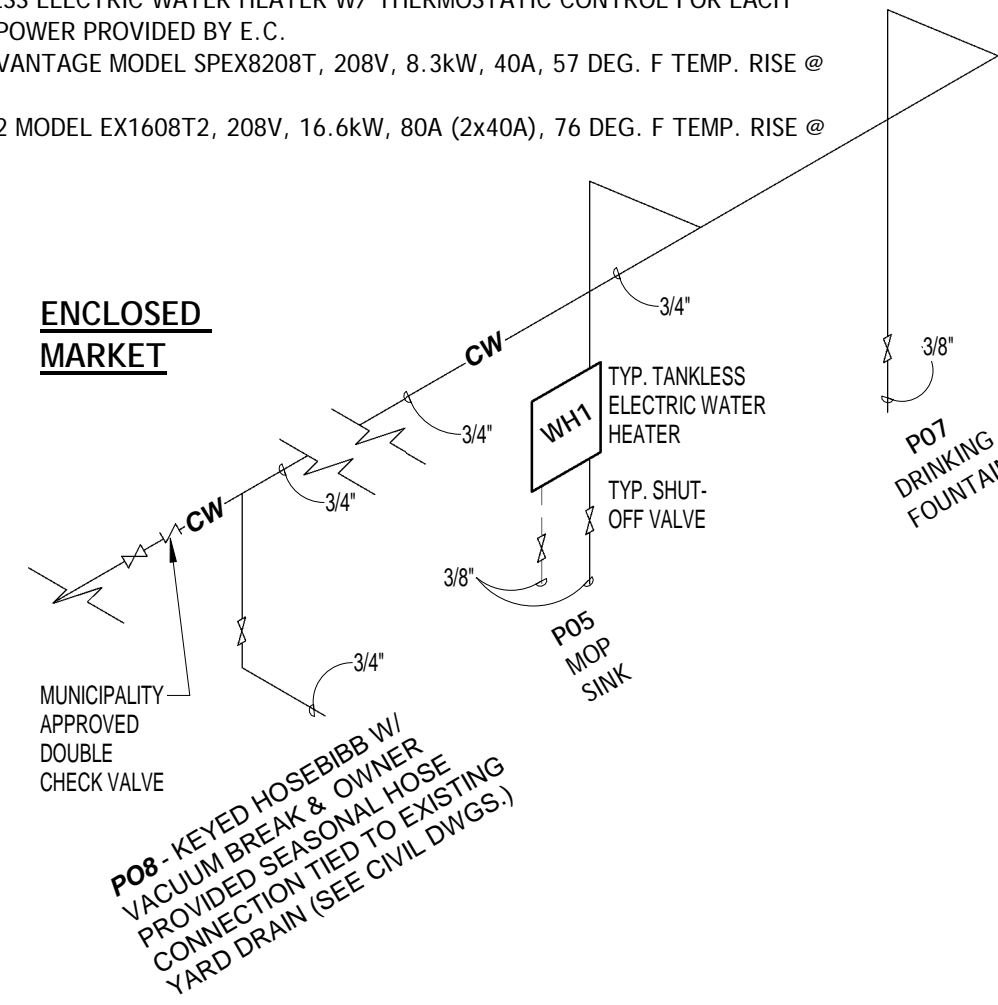
1. ALL SANITARY PIPING IS TO BE SCHED. 40 PVC & SLOPED AT 1/4" PER FOOT MINIMUM U.N.O.
2. SEE PLAN FOR SIZESM FXTURE COUNT & SEQUENCE.
3. PROVIDE STEEL FRAME SUPPORTS CARRIERS FOR ALL LAVATOIRES & STEEL SUPPORT FRAME FOR WATER HEATER.



WATER SUPPLY SCHEMATIC - ALTERNATE #4

NOTES:

1. ALL DOMESTIC WATER TO BE PEX WITH APPROVED FITTINGS OR TYPE K COPPER.
2. PROVIDE SHUT-OFF VALVE IN LOCATIONS INDICATED.
3. PROVIDE FIBERGLASS PIPE INSULATION W/ VAPOR RETARDANT TAPED SEAMS & FITTINGS PER ALL EXPOSED PIPING. PROVIDE FOAM PIPE INSULATION IN CONCEALED AREAS.
4. ALL PIPING TO BE LABELED APPROPRIATELY.
5. PROVIDE 'EEMAX POINT-OF-USE TANKLESS ELECTRIC WATER HEATER W/ THERMOSTATIC CONTROL FOR EACH LAVATORY (LAV/HCLAV) & MOP SINK. POWER PROVIDED BY E. C.
 - A. WH1, LAVATORIES: 'EEMAX' LAVADVANTAGE MODEL SPEX820BT, 208V, 8.3KW, 40A, 57 DEG. F TEMP. RISE @ 1.0 GPM SET TO 110 DEG. F
 - B. WH2, MOP SINK: 'EEMAX' SERIES T2 MODEL EX1608T2, 208V, 16.6KW, 80A (2x40A), 76 DEG. F TEMP. RISE @ 1.5 GPM SET TO 140 DEG. F.



NOTES:

SCHEMATICS ARE INTENDED TO SHOW OVERVIEW OF WATER SUPPLY SYSTEM AND IS THEREFORE NOT INCLUSIVE OF ALL VALVES, FITTINGS, ETC. PROVIDE ALL NECESSARY PIPING CONNECTIONS, VALVES, ETC. FOR COMPLETE OPERATION OF COLD & HOT WATER SUPPLY SYSTEMS.

PLUMBING FIXTURE SCHEDULE - ALTERNATE #4

TYPE MARK	MARK	MANUFACTURER	MODEL	DESCRIPTION	COMMENTS
P01	MOP SINK	Crane Plumbing	MSB2424	Mop Sink, 24" x 24" x 10" (610mm x 610mm x 254mm) deep, floor mounted, molded-stone 'SMC' one piece homogeneous product, and Integral Drain with S.S. domed strainer and lint basket 3" (75mm) outlet.	
P02	MOP SINK FAUCET	American Standard	8344.212	Exposed Yoke Wall-Mount Utility Faucet With Top Brace	
P03	DRINKING FOUNTAIN	Halsey Taylor	H1HB-HACBLWF	Mechanical pushbar actuated water cooler	
P04	HOSEBIBB	WATTS	HY-420	Non-Freeze Wall Hydrant	
WH1	WH1	Eemax Inc.	EX1608T2	Series Two Commercial Electric Tankless Water Heater	

Established in 1985



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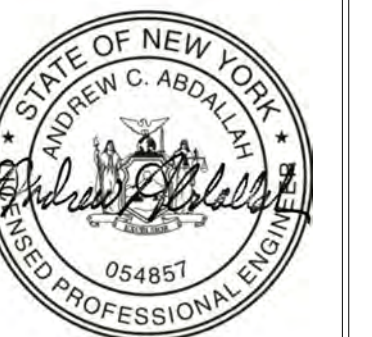
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PLUMBING SCHEDULES & SCHEMATICS

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P601

PANEL SCHEDULES

Branch Panel: LP1

Location: ENCLOSED MARKET 01
Supply From:
Mounting: Surface
Enclosure: NEMA 1 Indoor

Volts: 120/208
Phases: 3
Wires: 4

A.I.C. Rating: EXISTING
Mains Type: MAIN BREAKER
Mains Rating: 200 A
MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	TIN BLDG. (DELETED)	60 A	3	0 VA	0 VA		2	60 A	HEATER 1 (DELETED)	22
2	--	--	--		0 VA	0 VA	--	--		23
3	--	--	--			0 VA	0 VA	--	HEATER 2 (DELETED)	24
4	FIRE (DELETED)	20 A	1	0 VA	0 VA		2	60 A		25
5	EXTERIOR LIGHTS	20 A	1		0 VA	8300...			ENCLOSED MARKET WH1	26
6	ENCLOSED MARKET LIGHTS, AISLE	20 A	1			3 VA	8300...			27
7	ENCLOSED MARKET LIGHTS, BOOTHS	20 A	1	0 VA	0 VA		1	20 A	OUTLET NORTH & EAST	28
8	OPEN MARKET LIGHTS	20 A	1		1177...	300 VA		1	20 A	ENCLOSED MARKET CEILING FANS
9	PUMP, STA. ALARM PANEL	20 A	1			250 VA				30
10	ENCLOSED MARKET DF GFIC RECEPTACLE	20 A	1	660 VA	1080...		1	20 A	OPEN MARKET WP GFIC RECEPTACLES	31
11	ENCLOSED MARKET GFIC RECEPTACLES	20 A	1		1080...	1080...	1	20 A	OPEN MARKET WP GFIC RECEPTACLES	32
12	ENCLOSED MARKET GFIC RECEPTACLES	20 A	1			1080...	1080...	1	20 A	OPEN MARKET WP GFIC RECEPTACLES
13	ENCLOSED MARKET GFIC RECEPTACLES	20 A	1	1080...	1080...		1	20 A	OPEN MARKET WP GFIC RECEPTACLES	34
14	ENCLOSED MARKET GFIC RECEPTACLES	20 A	1		360 VA					35
15	ENCLOSED MARKET GFIC RECEPTACLES	20 A	1			1080...				36
16	ENCLOSED MARKET GFIC RECEPTACLES	20 A	1	1080...						37
17										38
18										39
19										40
20										41
21										42
		Total Load:		4990 VA	12297 VA	11793 VA				
		Total Amps:		42 A	111 A	107 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	1180 VA	100.00%	1180 VA	
Other	16900 VA	100.00%	16900 VA	Total Conn. Load: 28820 VA
Receptacle	10740 VA	96.55%	10370 VA	Total Est. Demand: 28450 VA
				Total Conn. Current: 80 A
				Total Est. Demand Current: 79 A

Notes:

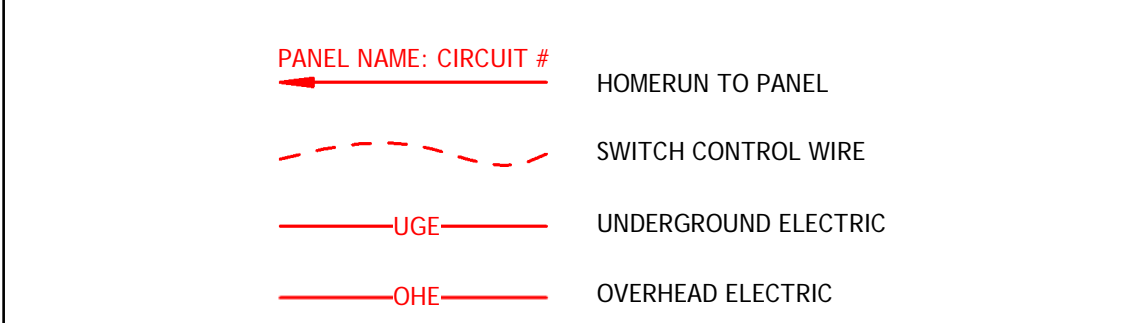
ELECTRICAL NOTES - DEMOLITION

- ALL ELECTRICAL WORK TO CONFORM TO NFPA 70, N.E.C. 2014 STANDARDS & ICC 2015 IBC BUILDING CODE FOR ELECTRICAL W/ NYS 2017 UNIFORM CODE SUPPLEMENT.
- COORDINATE W/ GENERAL CONTRACTOR FOR DEMOLITION, CUTTING AND PATCHING REQUIREMENTS.
- E.C. TO PROVIDE & MAINTAIN TEMPORARY LIGHTING & POWER AS REQUIRED FOR THE DEMOLITION & CONSTRUCTION PHASES.
- COORDINATE W/ DEMOLITION WORK FOR ISOLATION AND REMOVAL OF ALL EXISTING ELECTRICAL FIXTURES, CONDUITS, WIRING, ETC. FOR DEMOLITION REQUIREMENTS IN EXISTING PORTIONS OF THE BUILDING.
- E.C. TO ISOLATE & TERMINATE COMPLETE ALL EXISTING INTERIOR ELECTRICAL LIGHTS, DEVICES, HEATERS, ETC. INDICATED ON DRAWINGS, INCLUDING ALL ACCESSORIES, WIRING & CONDUITS BACK TO PANEL. ALL ABANDONED CIRCUITS: COMPLETE FIRE DETECTION DEVICES & ALARM SYSTEM REMOVAL AND COORDINATION W/ ALL CONTRACTORS FOR REMOVAL OF ALL EQUIPMENT THAT IS HARDWIRED & TO BE DEMOLISHED.
- PROVIDE, MODIFY, RELOCATE AND EXTEND EXISTING ELECTRICAL CONDUITS, WIRING, ETC. TO ACCOMMODATE TEMPORARY ELEC. SERVICE REQUIRED FOR NEW ADDITIONS & INTERIOR MODIFICATIONS.
- PROVIDE & MAINTAIN TEMPORARY POWER AND/OR LIGHTING REQUIRED FOR THE DEMOLITION & CONSTRUCTION PHASES.
- ISOLATE, TERMINATE, AND REMOVE COMPLETE EXISTING FIRE ALARM SYSTEM, INCLUDING WIRING, SMOKE AND HEAT DETECTORS, AND PULL STATIONS.
- REVIEW WITH OWNER POSSIBLE SALVAGE OF EXISTING LIGHTING FIXTURES, ELECTRIC BLOWER HEATERS, FIRE ALARM SYSTEM, AND DEVICES PRIOR TO REMOVING. RETURN TO OWNER ALL EQUIPMENT AND ANY DEVICES THEY DECIDE TO KEEP, AND DISPOSE OF ANY UNWANTED ITEMS.

ELECTRICAL NOTES - GENERAL

- ALL ELECTRICAL WORK TO CONFORM TO NFPA 70, N.E.C. 2014 STANDARDS & ICC 2015 IBC BUILDING CODE FOR ELECTRICAL W/ NYS 2017 UNIFORM CODE SUPPLEMENT.
- PROVIDE SUBMITTALS FOR APPROVAL FOR ALL EQUIPMENT, FIXTURES, CONTROLS, ETC. FOR COMPLETE ELECTRICAL SCOPE OF WORK.
- VERIFY IN FIELD FEASIBILITY OF EXISTING ELECTRICAL PANEL & SPACE AVAILABILITY PRIOR TO INSTALLATION.
- MODIFY, RELOCATE AND EXTEND EXISTING ELECTRICAL CONDUITS, WIRING, DEVICES, ETC. TO ACCOMMODATE NEW WORK AS REQUIRED.
- COORDINATE W/ LOCAL ELECTRICAL UTILITY & OWNER'S SELECTED PHONE & CABLE TV UTILITIES & SHALL BE RESPONSIBLE FOR ALL CAPITAL CONSTRUCTION COSTS ASSESSED BY THE POWER, PHONE OR C.A.T.V. UTILITIES, IF ANY & ALL APPLICABLE & INSPECTION FEES FOR A COMPLETE INSTALLATION & CONNECTIONS TO TRANSFORMER, PHONE & CABLE BOXES. PROVIDE ELECTRICAL INSPECTION UNDERWRITERS CERTIFICATE AT COMPLETION OF PROJECT TO OWNER/ARCHITECT.
- CONFIRM AVAILABLE SHORT CIRCUIT (A.I.C.) W/ LOCAL UTILITY PRIOR TO ORDERING ALL OVER-CURRENT PROTECTION EQUIPMENT. ALL CIRCUIT BREAKERS & FUSES SHALL BE RATED TO INTERRUPT NOT LESS THAN THE CONFIRMED A.I.C.
- ALL SERVICE BONDING AND EARTH GROUNDING CONDUCTORS SHALL BE COPPER.
- BALANCE CONFIRMED ELECTRICAL LOADS IN PANEL. PROVIDE AS-BUILTS DRAWINGS, SHOWING ACTUAL CIRCUIT CONFIGURATION, NEW DEVICES & LOCATIONS & CORRECTED ELECTRICAL PANEL & UPDATE EXISTING PANEL DIRECTORY AS REQUIRED FOR WORK SCOPE ONLY.
- PROVIDE PLACARD LABELS FOR ALL EXISTING ELECTRICAL PANELS & DISCONNECTS. PROVIDE LABELS FOR ALL SWITCH FUNCTIONS W/ 3/16" HGT. BOLD BLOCK LETTERS ON ADHESIVE BACKED VINYL LABELS.
- ALL SWITCH AND RECEPTACLE PLATE COVERS ARE TO COLOR SELECTED BY OWNER/ARCHITECT.
- SEE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION REGARD MOUNTING HEIGHTS FOR ACCESSIBLE SWITCHES AND OUTLETS.
- PROVIDE GROUND-FAULT CIRCUIT INTERRUPTERS IN MENS & WOMENS ROOMS, ENCLOSED & OPEN MARKET & EXTERIOR, U.N.O.
- ALL SWITCHES, ABOVE COUNTERTOP RECEPTACLES, THERMOSTATS, ETC. TO BE ADA COMPLAINT @ ACCESSIBLE HEIGHTS OF 48" MAX. & 44" MAX. @ COUNTERTOP DEPTHS GREATER THAN 10". WALL RECEPTACLES @ ACCESSIBLE HEIGHTS OF 15" MIN.
- CONFIRM LAYOUT OF ALL ELECTRICAL DEVICES W/ OWNER/ARCHITECT PRIOR TO INSTALLATION.
- PROVIDE BLANKS FOR ALL OPEN SPACE IN PANELS AS REQUIRED.
- COORDINATE W/ MECHANICAL CONTRACTOR FOR MENS & WOMENS ROOM EXHAUST FANS AND ANY OTHER MECHANICAL CONTR. ELECTRICAL POWER REQUIREMENTS.
- SEAL ALL PENETRATIONS THRU EXTERIOR, INTERIOR, FDN., FLOOR & FIRE RATED WALL/FLOOR & CEILING ASSEMBLIES AS REQUIRED W/ APPROVED MATERIALS. CONFORM TO U.L. STANDARDS FOR FIRE RATED ASSEMBLIES.
- BALANCE CONFIRMED ELECTRICAL LOADS IN PANEL. PROVIDE AS-BUILTS DRAWINGS, SHOWING ACTUAL CIRCUIT CONFIGURATION, NEW DEVICES & LOCATIONS & CORRECTED ELECTRICAL PANEL & UPDATE EXISTING PANEL DIRECTORY AS REQUIRED FOR WORK SCOPE ONLY. PROVIDE SUBMITTALS FOR APPROVAL FOR ALL FIXTURES, CONTROLS, ETC. FOR COMPLETE ELECTRICAL SCOPE OF WORK.

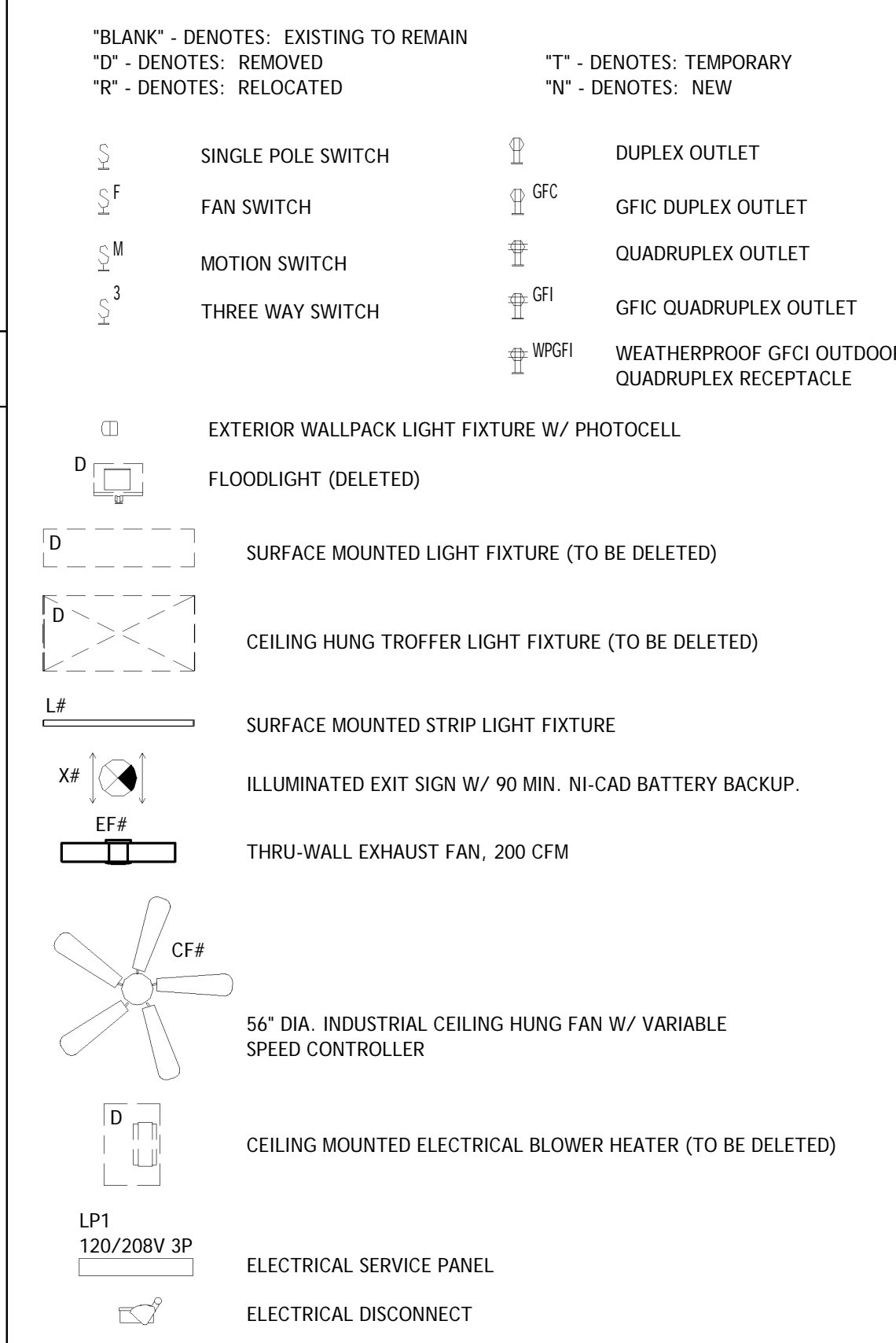
ELECTRICAL LINE TYPES



ELECTRICAL ABBREVIATIONS

A	AMPERE	P OR PH	PHASE
AC	ALTERNATING CURRENT	PF	POWER FACTOR
ANUN	ANNUNCIATOR	PNL	PANEL
ATS	AUTOMATIC TRANSFER SWITCH	PRI	PRIMARY
BD	BOARD	RTU	ROOFTOP UNIT
CAB	CABINET	RM	ROOM
CB	CIRCUIT BREAKER	ROR	RATE OF RISE
CCT	CIRCUIT(S)	SCV	SECURITY CAMERA TV
CCTV	CLOSED CIRCUIT TELEVISION	SEC	SECONDARY
CLG	CEILING	SPEC	SPECIFICATION
CND	CONDENSER	STR	STARTER
CONN	CONNECTION, CONNECTOR OR CONNECT	SSW	SAFETY SWITCH
CONTR	CONTRACTOR	SURF	SURFACE
COORD.	COORDINATE	SW	SWITCH
DIST.	DISTRIBUTION	SWBD	SWITCHBOARD
EDH	ELECTRIC DUCT HEATER	SWGR	SWITCHGEAR
EHU	ELECTRIC HEATER UNIT	TC	TIME CLOCK
ELEC.	ELECTRIC OR ELECTRICAL	TEL	TELEPHONE
EM	EMERGENCY	TERM	TERMINAL
ERV	EQUIPMENT	TTB	TELEPHONE TERMINAL BOARD
EVC	ENERGY RECOVERY VENTILATOR	TV	TELEVISION
EWC	ELECTRIC WATER COOLER	TYP	TYPICAL
FACP	FIRE ALARM CONTROL PANEL	UG	UNDERGROUND
FIXT	FIXTURE	UH	UNIT HEATER
GND	GROUND	V	VOLTS
GFIC	GROUND FAULT CIRCUIT INTERRUPTER	VA	VOLT AMPERE
HP	HORSEPOWER	VFD	VARIABLE FREQUENCY DRIVE
HTG	HEATING	VERT	VERTICAL
HTR	HEATER	W	WATTS
HZ	HERTZ	WP	WEATHERPROOF
IC	INTERUPT CAPACITY	W/	WITH
IG	ISOLATED GROUND	W/O	WITHOUT
JB OR J	JUNCTION BOX	XFMR	TRANSFORMER
kw	KILOVOLT AMPERE		
LCP	LIGHTING CONTROL PANEL		
LTG	LIGHTING, LIGHTS OR LIGHTS		
MAX	MAXIMUM		
MCB	MAIN CIRCUIT BREAKER		
MCC	MOTOR CONTROL CENTER		
MDP	MAIN DISTRIBUTION PANELBOARD		
MECH	MECHANICAL		
MIN.	MINIMUM		
MFR	MANUFACTURER		
MLO	MAIN LUGS ONLY		
MTR	MOTOR		
MSB	MAIN SWITCHBOARD		
MTD	MOUNTED		
MTS	MANUAL TRANSFER SWITCH		
NEC	NATIONAL ELECTRICAL CODE		
NIC	NOT IN CONTRACT		
NL	NIGHT LIGHT		
OH	OVERHEAD		

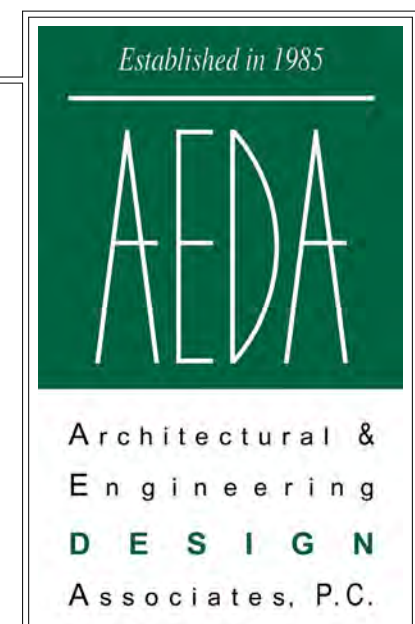
ELECTRICAL LEGEND



LIGHT FIXTURE SCHEDULE

TYPE	COUNT	DESCRIPTION	MANUFACTURER	MODEL NO.	LAMP	LUMENS	WATTAGE	TEMPERATURE	COMMENTS
CF1-N	3	56" HIGH PERFORMANCE CEILING FAN	CANARM HVAC	CP56 HPWP					
D	22		Acuity Brands Lighting				0 W	3200 K	
L1AEM-N	3	4' STRIP LIGHT	LITHONIA LIGHTING	L1N L48 5000LM FST MVOLT 50K 80CRI WH	LED	4754 lm	42 W	5000 K	W/ CHAIN HUNG KIT HC-36 & PS2333 EMERGENCY LED BATTERY PACK
L1B-N	14	8' STRIP LIGHT	LITHONIA LIGHTING	TZL1N L96 10000LM FST MVOLT 50K 80CRI WH	LED	9508 lm	84 W	5000 K	
WP1-N	2	WALLPACK	LITHONIA LIGHTING	TWR1 LED ALO 50K MVOLT DDBTXD	LED	4308 lm	29 W	5000 K	ALO SETTING 5
X1-N	3	EXIT LIGHT	LITHONIA LIGHTING	EXR-LED-EL-M6	LED	1380 lm	9 W	4000 K	
X2-N	2	EXIT LIGHT - DOUBLE SIDED	LITHONIA LIGHTING	EXR-LED-EL-M6	LED	1380 lm	9 W	4000 K	

OPTIONAL L1A & B GASKETED INDUSTRIAL LIGHT FIXTURES FOR WET, DAMP & COLD LOCATIONS
L1A LITHONIA LIGHTING FEM L48 4000LM IMAFL MD MVOLT GZ10 50K 90CRI
L1B LITHONIA LIGHTING FEM L96 9000LM IMAFL WD MVOLT GZ10 50K 90CRI



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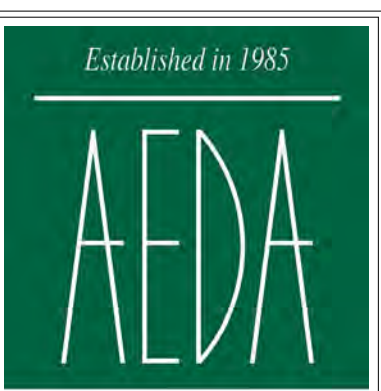


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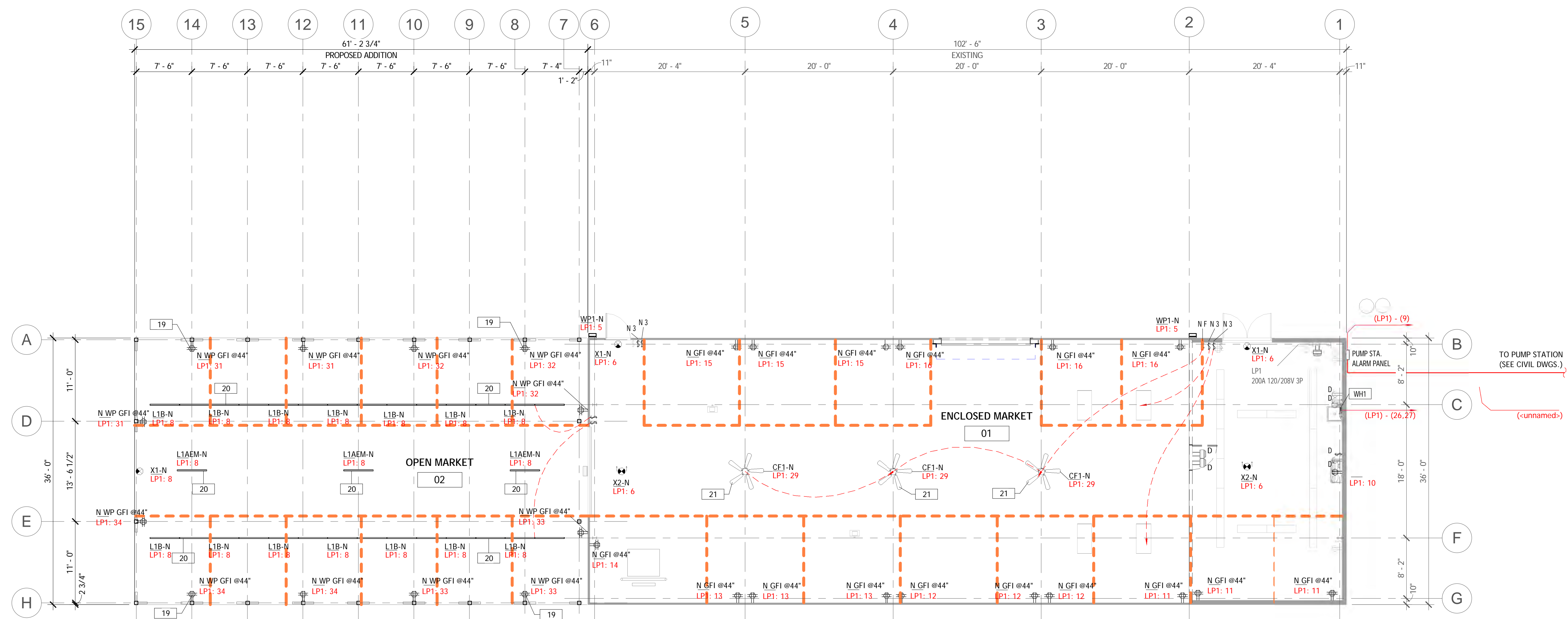
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TAG	TEXT
19	ALTERNATE #01 - PAVILION POWER - FURNISH AND INSTALL REQUIRED WP GFI OUTLETS @ 44" AND POWER DISTRIBUTION TO NEW PAVILION.
20	ALTERNATE #02 - PAVILION LIGHTING - FURNISH AND INSTALL NEW INTERIOR AND EXTERIOR LIGHTING AROUND THE NEW PAVILION.
21	ALTERNATE #03 - NEW CEILING FANS - FURNISH AND INSTALL NEW CEILING FANS WITHIN EXISTING STRUCTURE.



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