

REFER TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL SHEETS FOR SPECIFIC SYMBOLS

GENERAL DRAWING SYMBOLS

- A. ALL WORK SHALL CONFORM TO THE 2009 EDITION OF THE INTERNATIONAL BUILDING CODE, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF THE TOWN AND COUNTY OF BEDFORD AND STATE OF PENNSYLVANIA.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. A201 LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. DRAWINGS ARE BASED ON A SURVEY PREPARED BY THE EADS GROUP AND A GEOTECHNICAL REPORT BY TERRACON DATED APRIL 10, 2015.
- E. DO NOT SCALE THESE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD. ANY DISCREPANCIES IN THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING WORK.
- F. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE CHARTER FOODS CONSTRUCTION MANAGER, IN WRITING, PRIOR TO INSTALLATION.
- G. RETAIN THE PROJECT GEOTECHNICAL ENGINEER TO PROVIDE OBSERVATION AND TESTING SERVICES DURING THE GRADING (INCLUDING UTILITY TRENCHES) AND FOUNDATION PHASE OF CONSTRUCTION AS RECOMMENDED IN THE GEOTECHNICAL REPORT. ALL TESTING AND INSPECTION REPORTS, INCLUDING FINAL SUMMATION LETTER, SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND OWNER. G.C. SHALL CERTIFY PAD ELEVATION PRIOR TO START OF FOUNDATION WORK.
- H. SUBMIT PAY FEES AND OBTAIN ALL PERMITS ASSOCIATED WITH THE PROJECT EXCEPT GENERAL BUILDING PERMIT. THIS INCLUDES, BUT IS NOT LIMITED TO ELECTRICAL, MECHANICAL, PLUMBING, FIRE SPRINKLER, HOOD ANSUL, OR OTHER RELATED FIRE PERMITS, ENCROACHMENT PERMIT, ETC. 'YUM!' BRANDS WILL PAY FOR 'CONNECTION FEES' ASSOCIATED WITH UTILITY PERMITS. PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- I. PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- J. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- K. GC SHALL SUPPLY AND INSTALL ALL ASPECTS OF THE PROJECT DESCRIBED IN THIS DRAWING SET UNLESS OTHERWISE NOTED. SEE SCOPE OF WORK FOR EXCEPTIONS.
- L. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- M. GENERAL CONTRACTOR TO HAVE COMPLETE EQUIPMENT / FURNITURE / SIGN CUT SHEETS AND DELIVERY SCHEDULE ON SITE AT ALL TIMES.

PROJECT GENERAL NOTES

GOVERNING CODES

BUILDING	IBC 2009
STRUCTURAL	IBC 2009
PLUMBING	IPC 2009
MECHANICAL	IMC 2009
ELECTRICAL	IBC 2009 (NEC 2008)
LIFE SAFETY	IFC 2009
ACCESSIBILITY	IBC 2009 (ANSI A117.7-2009)
ENERGY	IECC 2009
GAS	IFGC 2009

CODE CHAPTER

CHAPTER	CHAPTER HEADING
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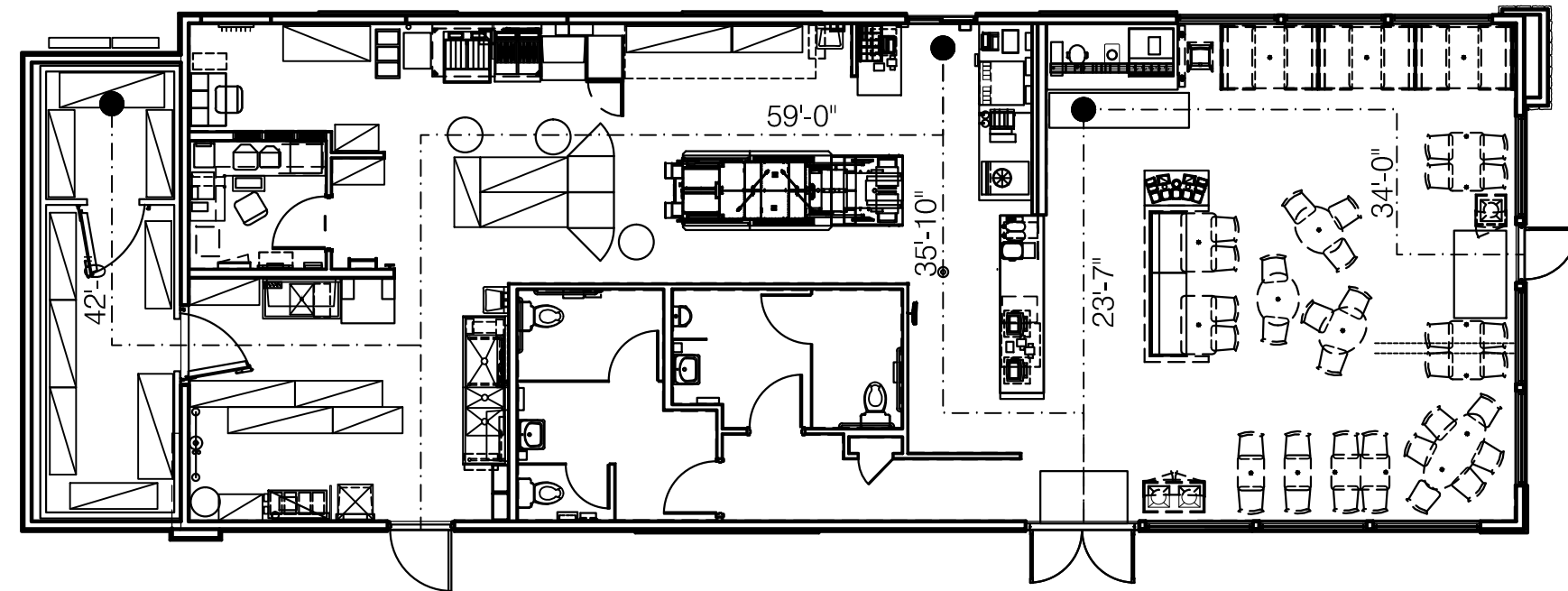
3	Use and Occupancy Classification 303.1 A-2 Restaurants
4	Special Detailed Requirements Based on Use and Occupancy Not Applicable
5	General Building Heights and Areas Use Group A-2 and Type of Construction VB permits 1 story, 40 feet above grade at 6,000 sf.
6	Types of Construction Table 601 - VB
7	Fire Resistance-Rated Construction
8	Interior Finishes 803 Wall and Ceiling Finishes
9	Fire Protection Systems n/a
10	Means of Egress Table 1004.1.1 Maximum Floor Area Allowances per Occupant

Use Group	Occupancy Factor	SqFt	Occupancy
A	1004.7 Fixed Seats	900	50
Kitchen	200 gross	1100	6
N/A	0 (toilets/circulation)	400	0
Totals			56 Occupants

1005.1 Egress Width
Occupant Load X 0.2 = 56X0.2 = 11.2 in (108 in provided)
Table 1016.1 Exit Access Travel Distance
Without Sprinkler System = 200 ft (59 ft maximum)
1019 Exits
1-500 Occupants = 2 exits (3 provided)

13 Energy Efficiency
COMcheck Compliance Certificates Included in Permit Submittal

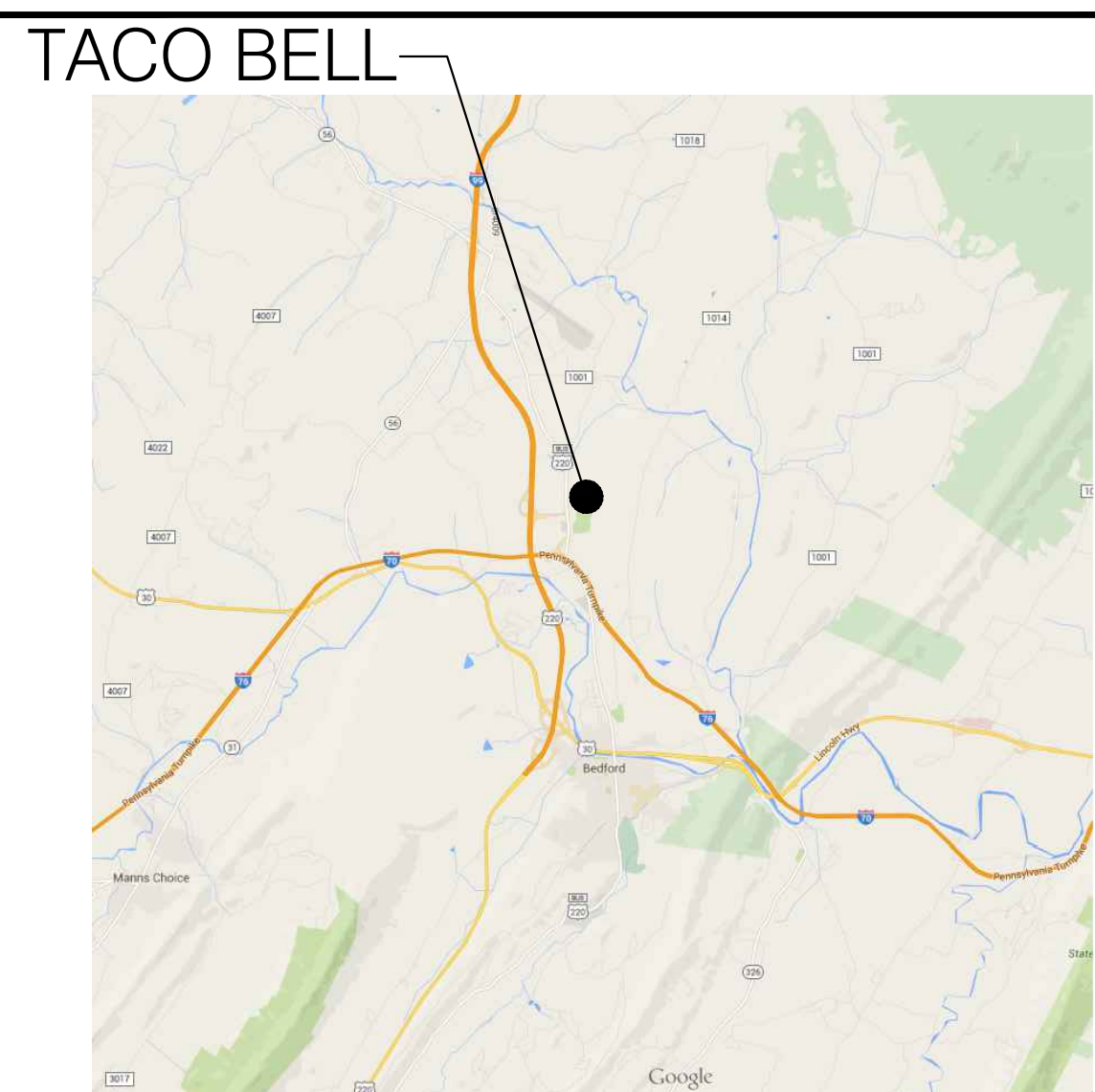
CODE REVIEW



EGRESS PLAN

TACO BELL

**Drive-Thru Restaurant
Large 50 - Live Más
TBD US ROUTE 220,
Bedford, Pennsylvania 15522**



VICINITY MAP

BUILDING AREA:	2,558 SF
BUILDING HEIGHT:	22'-1" - TOP OF TOWER
SEATING:	50 (5% ACCESSIBLE = 3)
PARKING:	36 ON SITE (2 ACCESSIBLE)
# PHONE LINES:	25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE:	600 AMPS / 3 PHASE / 120-208
GAS:	1,168,000 BTUH

PROJECT SUMMARY

OWNER Charter Foods PO Box 430 Talbot, TN 37877 Contact: Wayne Ferguson 423.587.0690	ARCHITECT Kathleen Day, Architect 8535 Ferry Road Waynesville, OH 45068 617.331.2545 kathleendayarchitect@gmail.com
CONSTRUCTION MANAGER Charter Foods PO Box 430 Talbot, TN 37877 Contact: Bob Rave 423.587.0690	STRUCTURAL ENGINEER Trav Sweatman 972.849.2987
CIVIL ENGINEER The EADS Group 15392 Route 322 Clarian, PA Contact: David Neill 841.764.5050	MECH. / ELEC. ENGINEER Brian Edward Chandler, P.E. 1431 Greenway Drive Irving, TX 75038 972.870.1268

PROJECT DIRECTORY

TITLE/CODE	PERMIT AND BID ~ 06.06.15		OWNER COMMENTS ~ 12.07.15	
T1.0 TITLE SHEET AND CODE REVIEW	X			
CIVIL				
C1 BOUNDARY SURVEY	X			
C2 PROPOSED SITE PLAN	X			
C3 PROPOSED DETAILS	X			
ES.1 PROPOSED EROSION AND SEDIMENT CONTROL PLAN	X			
ES.2 PROPOSED EROSION AND SEDIMENT CONTROL PLAN	X			
SITE DETAILS				
SD0.0 LANDSCAPE PLAN AND DETAILS	X	X		
SD1.0 SITE DETAILS	X	X		
SD2.0 SITE DETAILS	X	X		
STRUCTURAL				
S1.0 FOUNDATION PLAN	X	X		
S2.0 WALL FRAMING PLAN	X	X		
S3.0 ROOF FRAMING PLAN	X	X		
S4.0 FOUNDATION DETAILS	X	X		
S4.0A STRUCTURAL DETAILS	X	X		
S4.1 STRUCTURAL DETAILS	X	X		
S4.2 STRUCTURAL DETAILS	X	X		
S4.3 STRUCTURAL DETAILS	X	X		
S5.0 CANOPY / AWNING ELEVATIONS	X	X		
ARCHITECTURAL				
A1.0 FLOOR PLAN	X	X		
A1.1 DOOR & WINDOW TYPES & SCHEDULES	X	X		
A2.0 EQUIPMENT AND SEATING PLAN	X	X		
A2.1 EQUIPMENT SCHEDULE	X	X		
A3.0 ROOF PLAN	X	X		
A4.0 EXTERIOR ELEVATIONS	X	X		
A4.1 EXTERIOR ELEVATIONS	X	X		
A5.0 WALL SECTIONS	X	X		
A5.1 WALL SECTIONS	X	X		
A5.2 WALL SECTIONS	X	X		
A6.0 CONSTRUCTION DETAILS - ROOF	X	X		
A6.1 CONSTRUCTION DETAILS - DOOR / WINDOW	X	X		
A6.2 CONSTRUCTION DETAILS - WALLS	X	X		
A6.3 CONSTRUCTION DETAILS - WALL	X	X		
A6.4 CONSTRUCTION DETAILS - INTERIOR	X	X		
A7.0 FLOOR FINISH PLAN	X	X		
A7.1 REFLECTED CEILING PLAN	X	X		
A7.2 FINISH SCHEDULE	X	X		
A8.0 INTERIOR ELEVATIONS - DINING ROOM	X	X		
A8.1 INTERIOR ELEVATIONS, ENLARGED RESTROOM & OFFICE PLAN	X	X		
A8.2 INTERIOR ELEVATIONS - KITCHEN	X	X		
A8.3 INTERIOR ELEVATIONS - KITCHEN	X	X		
ACCESSIBILITY				
ADA1.0 ACCESSIBILITY REQUIREMENTS	X			
ADA1.1 ACCESSIBILITY REQUIREMENTS	X			
MECHANICAL				
M1.0 MECHANICAL SCHEDULES AND NOTES	X			
M2.0 DUCT AND DIFFUSER PLAN	X			
M3.0 HOOD DRAWINGS - PLANS AND SECTIONS	X			
M4.0 MECHANICAL AND HOOD DETAILS	X			
PLUMBING				
P1.0 PLUMBING SCHEDULES AND NOTES	X	X		
P2.0 WASTE AND VENT PLAN	X	X		
P3.0 WATER AND GAS PLAN	X	X		
P4.0 PLUMBING ROUGH-IN PLAN	X	X		
P5.0 RISER DIAGRAMS	X	X		
P6.0 PLUMBING DETAILS	X	X		
ELECTRICAL				
E1.0 SITE ELECTRICAL PLAN	X			
E1.1 SITE PHOTOMETRIC PLAN	X			
E2.0 RISER DIAGRAM AND LEGEND	X			
E2.1 PANEL SCHEDULES AND LOAD SUMMARY	X			
E3.0 POWER FLOOR PLAN	X			
E3.1 ENLARGED POWER PLAN AND DETAILS	X			
E3.2 POWER ROOF PLAN	X			
E4.0 LIGHTING PLAN AND SCHEDULE	X			
E5.0 COMMUNICATIONS PLAN	X			
E6.0 ELECTRICAL DETAILS	X			
E7.0 ELECTRICAL DETAILS	X			
SPECIFICATIONS				
IN BOOK FORMAT	X			
SCOPE OF WORK ~ FOR REFERENCE ONLY				
IN BOOK FORMAT ~ GC TO HAVE COPY ON SITE AT ALL TIMES	X			

SHEET INDEX

Kathleen Day, Architect
8535 Ferry Road
Waynesville, OH 45068
617-331-2545
kathleendayarchitect@gmail.com



- △ OWNER COMMENTS - 12.07.15
- △
- △
- △
- △
- △
- △
- △
- △

CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS - Large 50
PLAN VERSION: 06.08.15 ~ REV O
SITE NUMBER:
STORE NUMBER:

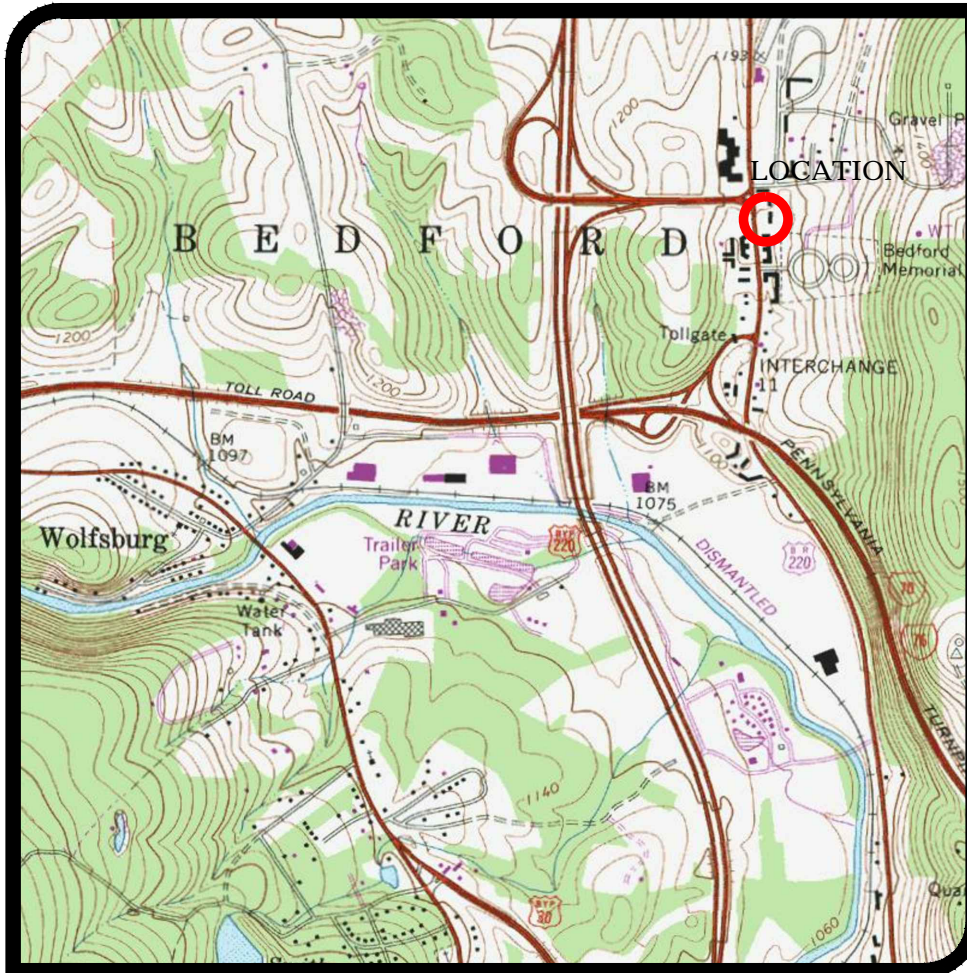
TACO BELL
US Route 220
Township of Bedford, PA



**TITLE SHEET
AND
CODE REVIEW**

T1.0

PERMIT PLOT DATE:



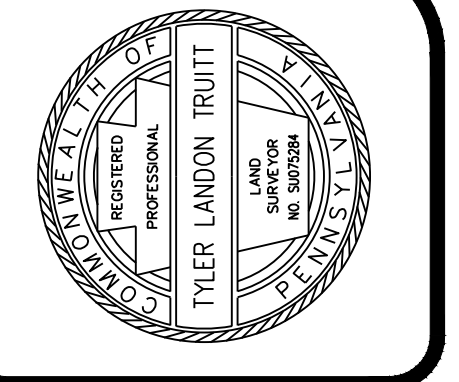
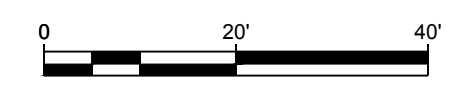
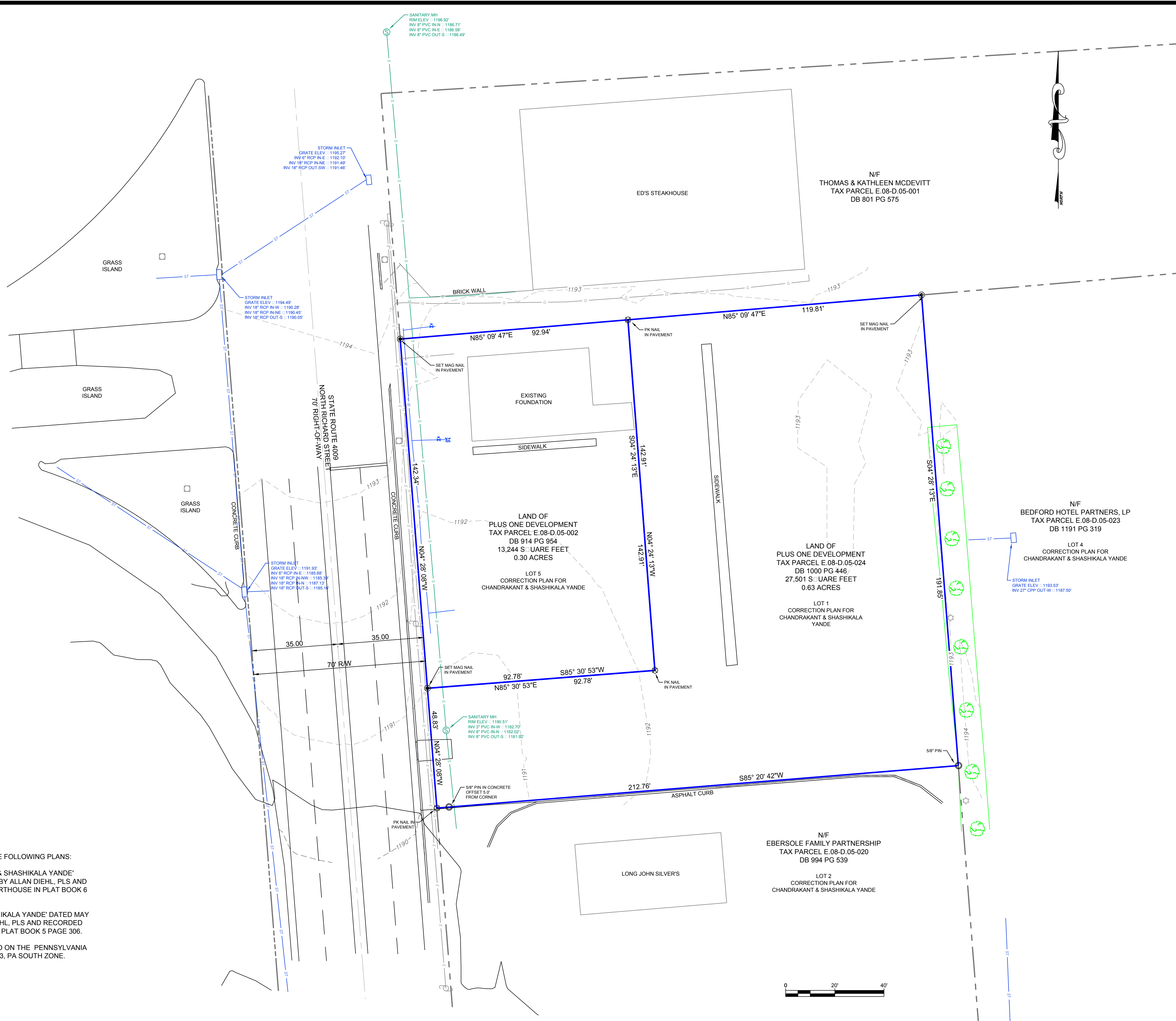
LOCATION MAP
USGS UAD - BEDFORD
SCALE: 1" = 2000'

LEGEND

- EXISTING 5/8" PIN
- EXISTING PK NAIL IN PAVEMENT
- SET MAG NAIL IN PAVEMENT
- BOUNDARY LINE
- ADJOINERS BOUNDARY LINE
- CENTERLINE ROAD
- ROAD RIGHT-OF-WAY
- OVERHEAD ELECTRIC
- SANITARY SEWER
- WATER LINE
- GAS LINE
- LANDSCAPING
- UTILITY POLE
- LIGHT POLE
- TRAFFIC LIGHT SIGNAL POLE
- WATER VALVE
- FIRE HYDRANT

NOTES:

1. THIS BOUNDARY SURVEY REFERENCED THE FOLLOWING PLANS:
 - 'CORRECTION PLAN FOR CHANDRAKANT & SHASHIKALA YANDE' DATED MAY 15, 2003 THAT WAS PREPARED BY ALLAN DIEHL, PLS AND RECORDED IN THE BEDFORD COUNTY COURTHOUSE IN PLAT BOOK 6 PAGE 376.
 - 'FINAL PLAN FOR CHANDRAKANT & SHASHIKALA YANDE' DATED MAY 5, 1999 THAT WAS PREPARED BY ALLAN DIEHL, PLS AND RECORDED IN THE BEDFORD COUNTY COURTHOUSE IN PLAT BOOK 5 PAGE 306.
2. THE BEARINGS OF THIS SURVEY ARE BASED ON THE PENNSYLVANIA STATE PLANE COORDINATE SYSTEM, NAD 83, PA SOUTH ZONE.



Scale	1" = 20'
Date	1-21-16
Drawn By	DAN
Checked By	TLT
Project No.	0220-15-360
File No.	

THE EADS GROUP
ENGINEERING ARCHITECTURE AND DESIGN SERVICES
WITH OFFICES IN:
ALTOONA, PA.
CLARION, PA.
JOHNSTOWN, PA.
PITTSBURGH, PA.
SOMERSET, PA.
CUMBERLAND, MD.

15392 ROUTE 322
CLARION, PA. 16214
Phone: 814-764-5050
Fax: 814-764-5055
www.eadsgroup.com

EXISTING CONDITIONS
FOR
CHARTER CENTRAL, LLC

TAX PARCELS E.08-D.05-002 AND E.08-D.05-024

SITUATE
BEDFORD TOWNSHIP, BEDFORD COUNTY, PENNSYLVANIA

Drawing No.
C.1

LEGEND

- EXISTING CONTOURS
- BUILDING SETBACKS
- PROPERTY LINES
- RIGHT OF WAY
- EXISTING UTILITY POLE, OVERHEAD LINE & GUY WIRE
- EXISTING SANITARY SEWER
- EXISTING GAS LINE
- EXISTING CURB
- EXISTING STORM WATER PIPE
- EXISTING STORM WATER INLETS
- EXISTING MUNICIPAL WATER LINE
- PROPOSED CONTOURS
- PROPOSED WATER
- PROPOSED SANITARY SEWER LINE
- PROPOSED STORM WATER INLETS
- PROPOSED STORM WATER PIPE
- PROPOSED CURB
- PROPOSED GASLINE
- ROOF DRAIN CONNECTION 8" HDPE
- HANDICAP ACCESSIBLE PARKING
- PROPOSED SPOT ELEVATIONS
- PROPOSED UNDERGROUND ELECTRIC
- CONCRETE PAVING
- PROPOSED LAWN-SOD
- PROPOSED SUMP / OVERFLOW AREA

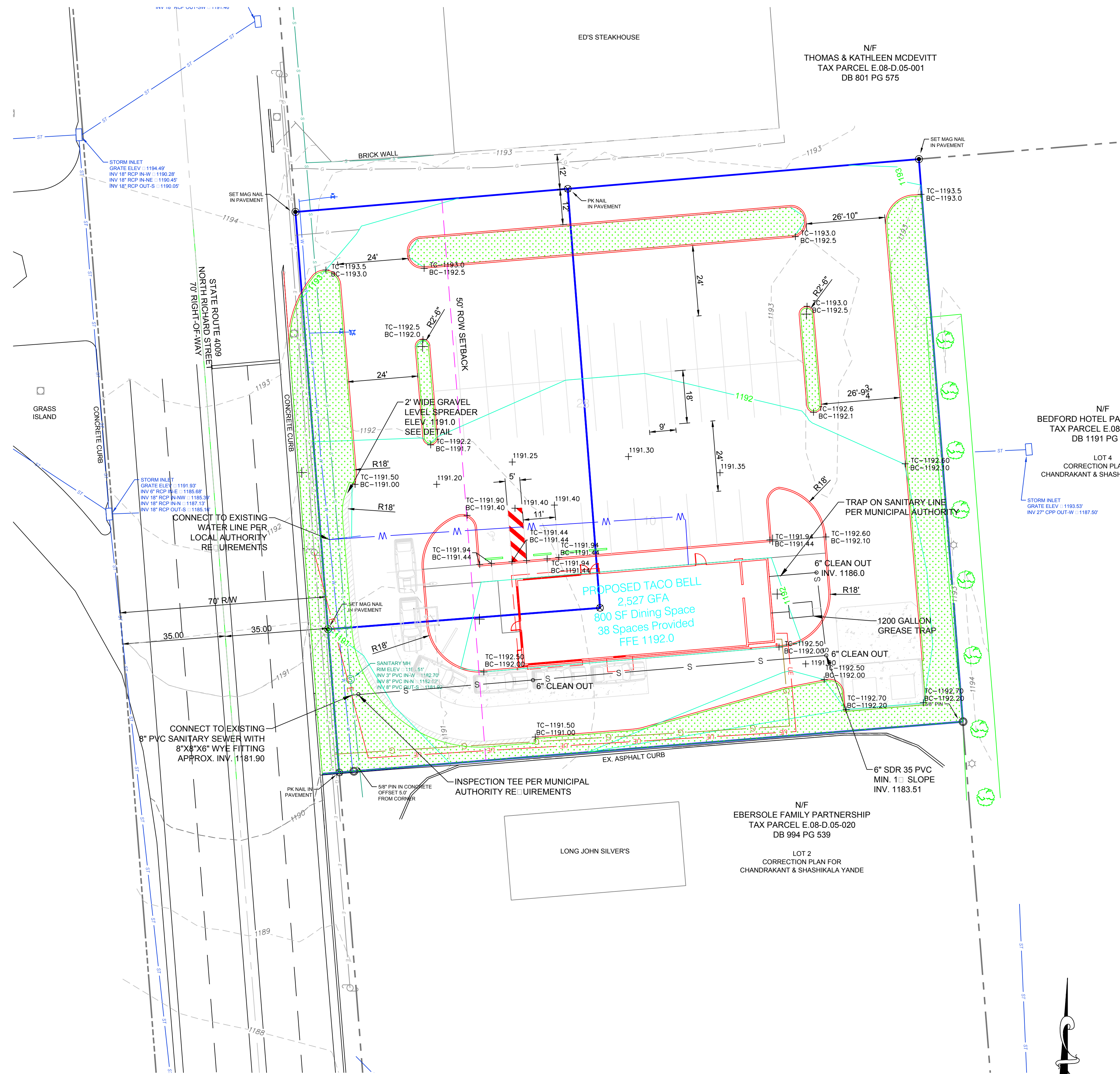
NOTES:

1. BUILDING SETBACK - 50' FROM RIGHT OF WAY
2. BUFFER REQUIREMENT - 6' MIN. FROM PROPERTY LINE
3. PARKING REQUIREMENT - 6 SPACES/ 200 SF OF PUBLIC SPACE
4. APPROXIMATE PUBLIC SPACE - 800 SF - 24 SPACE REQUIRED
5. 38 PARKING SPACES PROVIDED
6. EXISTING PAVEMENT TO PROPERTY LINES AND RIGHT OF WAY LINES TO BE REMOVED TO SUBBASE. INSTALL PROPOSED ASPHALT, LANDSCAPING, CONCRETE AND CURBING AS SHOWN ON THE PLAN TO THE PROPERTY LINES AND RIGHT OF WAY LINES.
7. ALL WORK WITHIN PENNDOT RIGHT OF WAY SUBJECT TO CONDITIONS OF THE HIGHWAY OCCUPANCY PERMIT AND MUST COMPLY WITH CURRENT 408 STANDARDS AND RC-STANDARD DETAILS
8. ALL TRAFFIC PROTECTION MUST COMPLY WITH PENNDOT PUBLICATION 213 AND HOP.
9. MINIMUM ONE-WAY ACCESS MUST BE MAINTAINED TO BUSINESSES DURING CONSTRUCTION.
10. ALL UTILITY LOCATIONS AND DEPTHS SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY DEPTH AND LOCATION.
11. PROPOSED UTILITY LOCATIONS ARE APPROXIMATE AND DEPENDENT ON COORDINATION AND APPROVAL FROM UTILITY PROVIDER.
12. REMOVAL ALL EXISTING CONCRETE, CONCRETE, BUILDING FOUNDATIONS, ETC. FROM EXISTING SITE. INSTALL NEW PAVEMENT TO PROPERTY LINES AND AS SHOWN ON THE CONTRACT DRAWINGS.
13. DISCHARGE ALL ROOF DRAINS DIRECTLY TO PAVEMENT OR LANDSCAPING TO PROMOTE SHEET FLOW CONDITIONS.

CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE-STOP CALL
Pennsylvania One Call System, Inc.

1-800-242-1776

DESIGN STAGE SERIAL NUMBER 20151400275



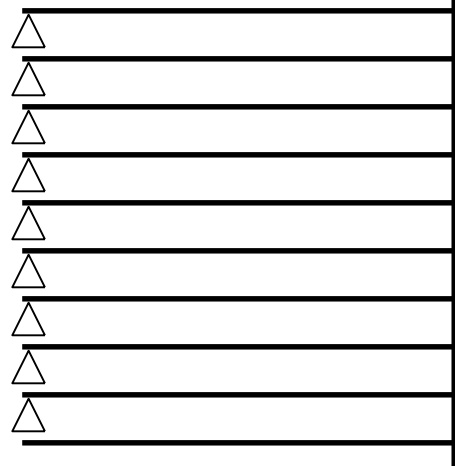
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kathleendayarchitect@gmail.com

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BEDFORD TOWNSHIP
BEDFORD COUNTY
TACO BELL
FINAL PLAN



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CONTRACT DATE: 1-7-16
BUILDING TYPE:
PLAN VERSION:
SITE NUMBER:
STORE NUMBER:

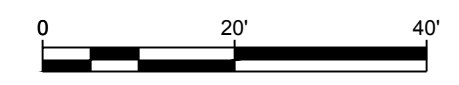
TACO BELL
SR 0220
BEDFORD, PA

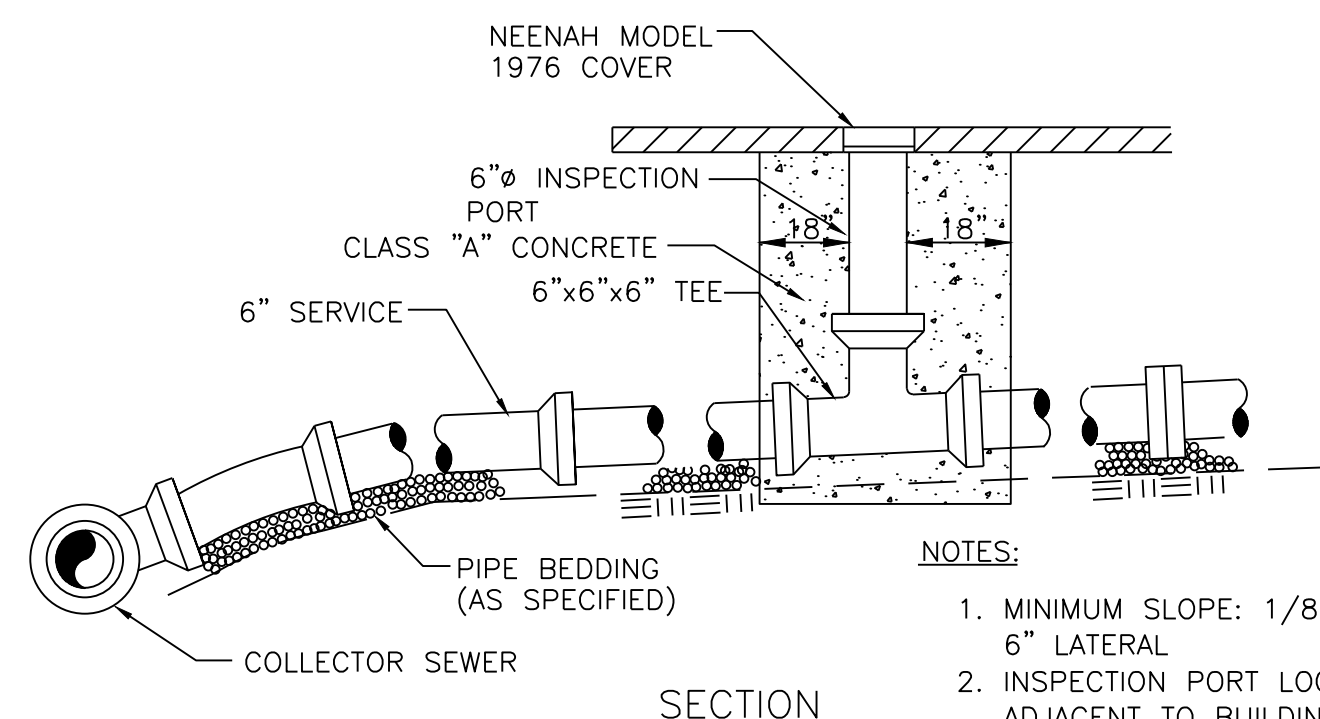
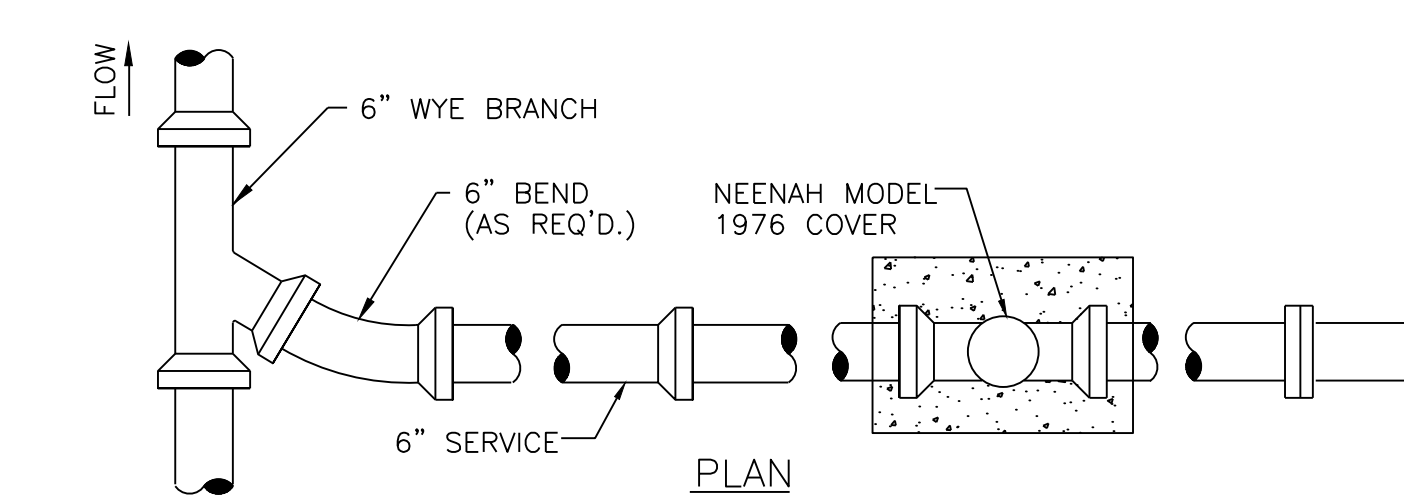


PROPOSED SITE

C2

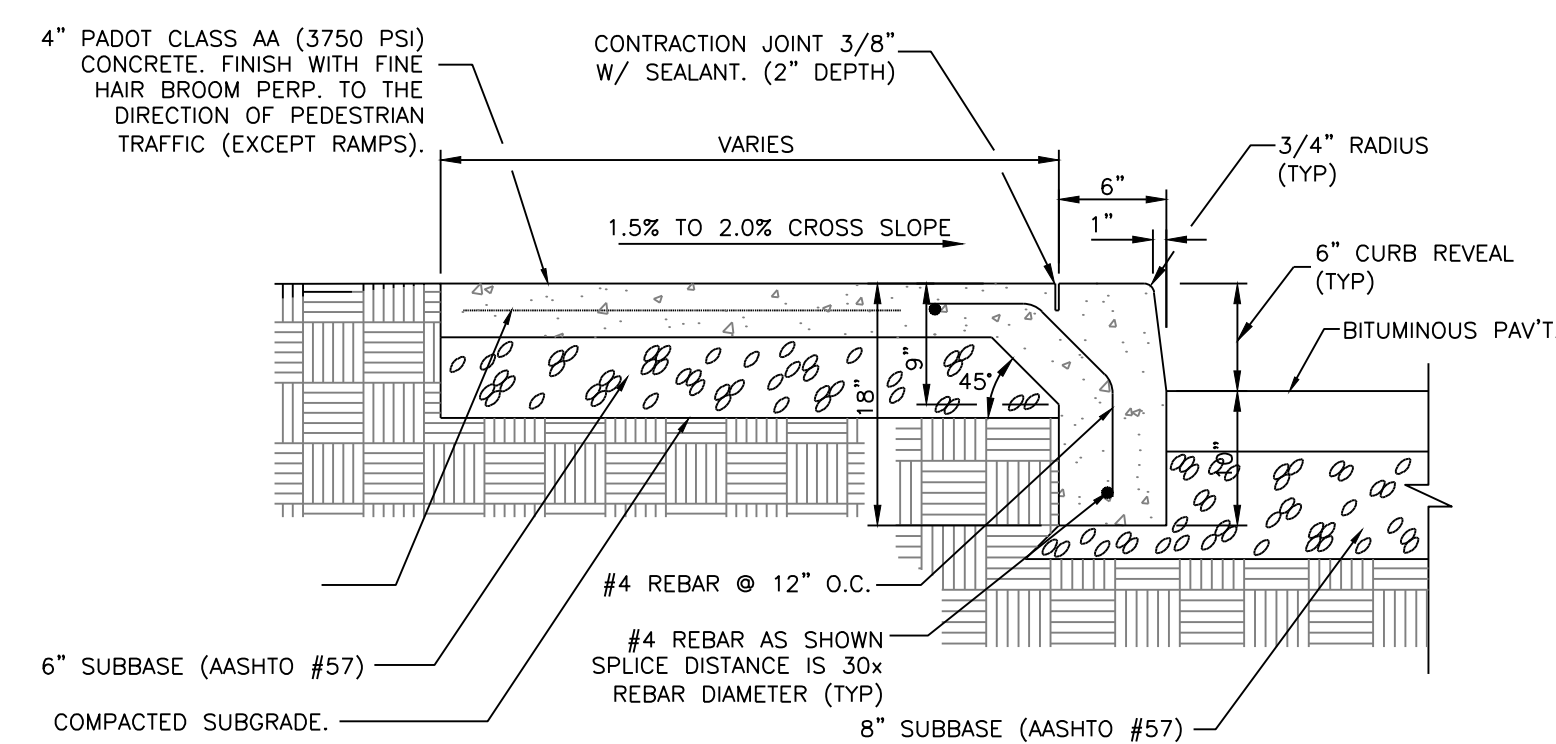
PERMIT PLOT DATE: JULY 2015





TYPICAL 6" SERVICE CONNECTION TO EXISTING COLLECTOR SEWER

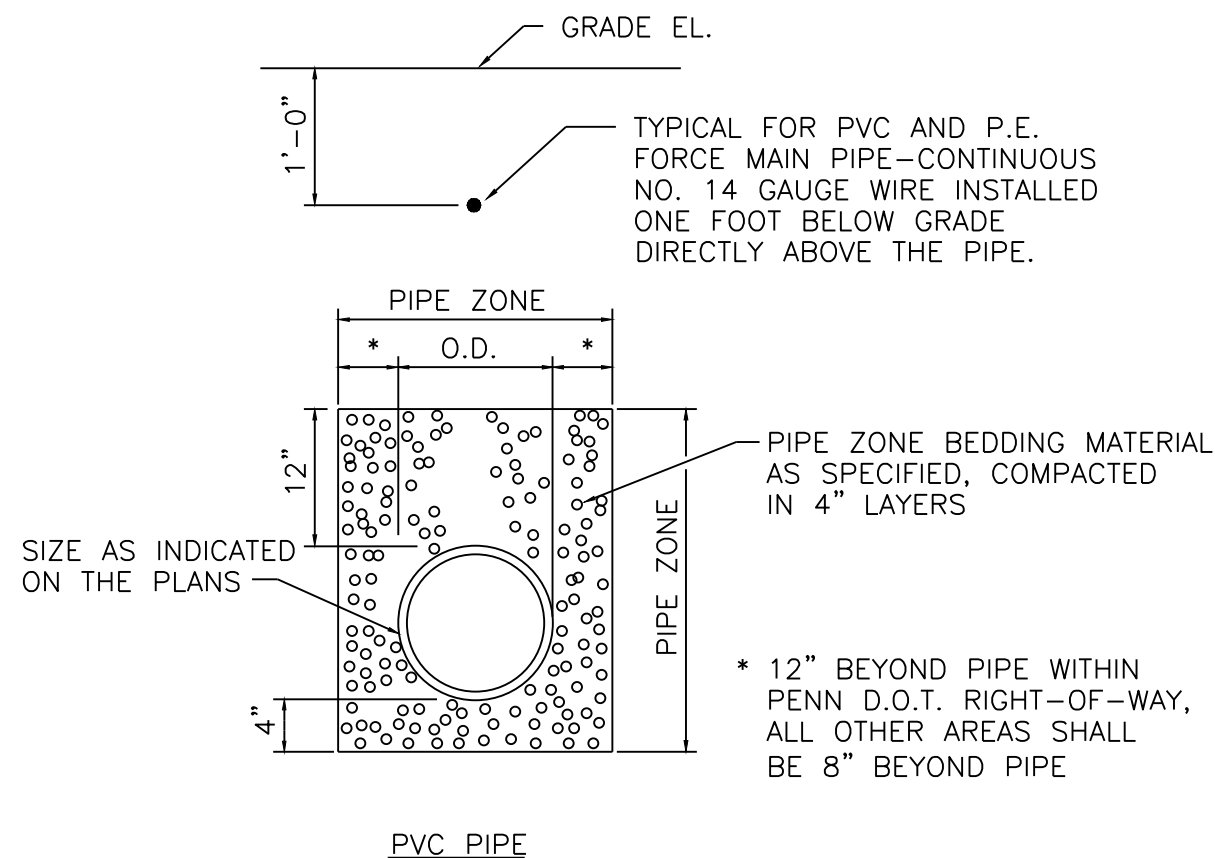
N.T.S.



SECTION

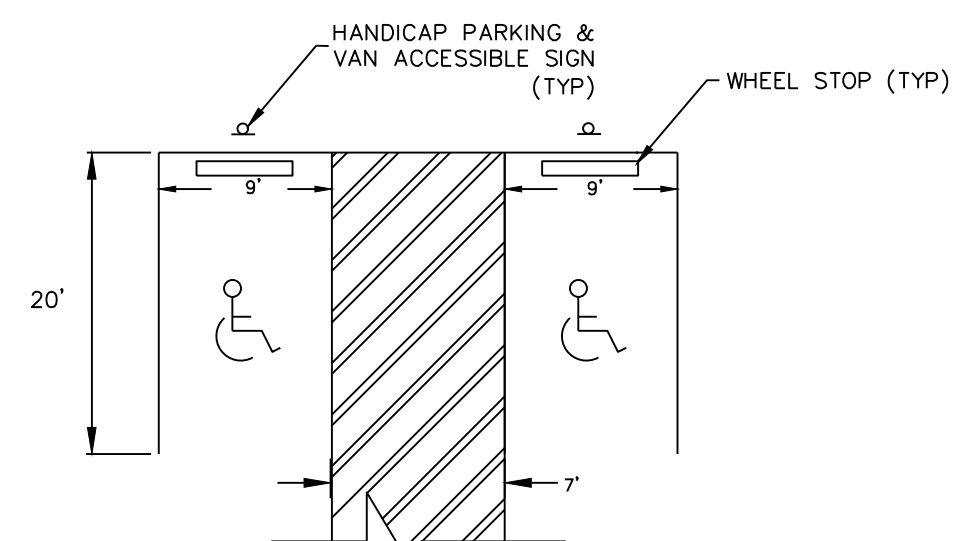
N.T.S.

MONO-POUR CONCRETE WALK AND CURB AT BUILDINGS



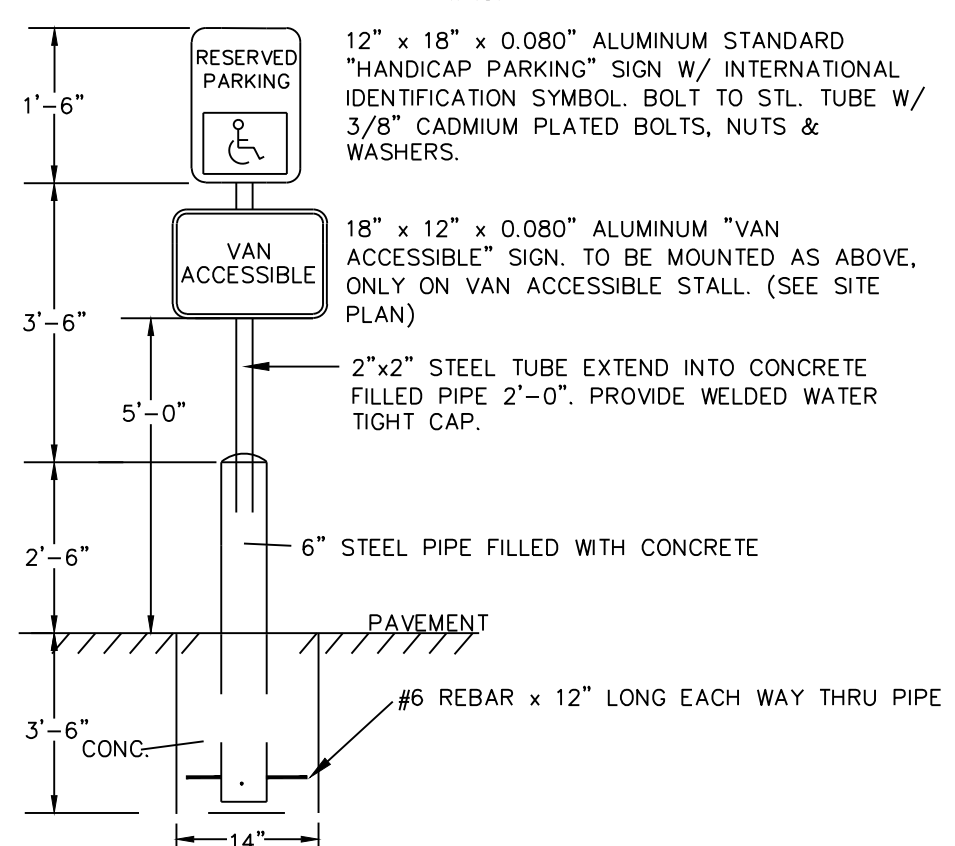
PIPE BEDDING

N.T.S.



HANDICAP PARKING STALL

N.T.S.

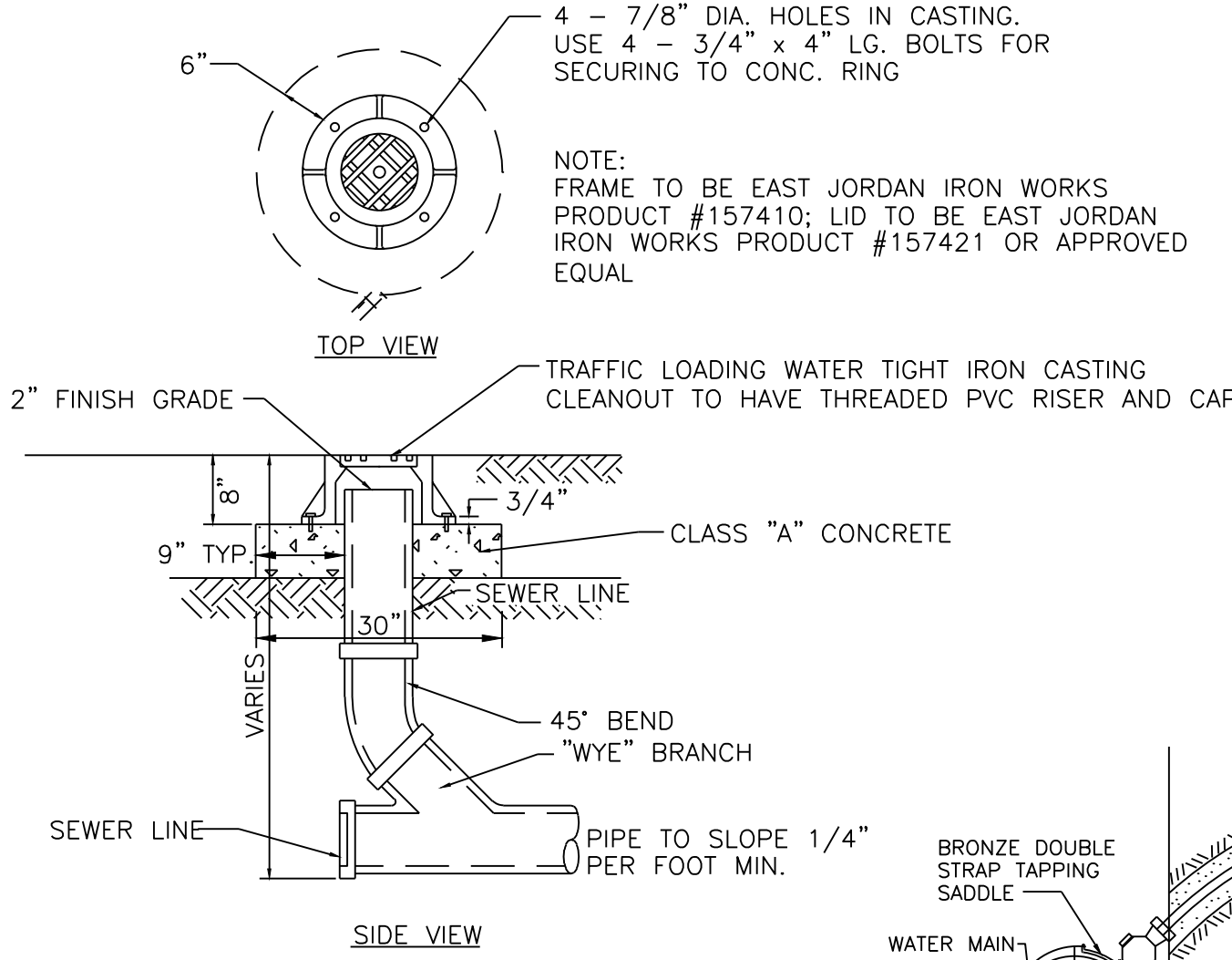


HANDICAP PARKING SIGN

N.T.S.



HANDICAP CURB RAMP

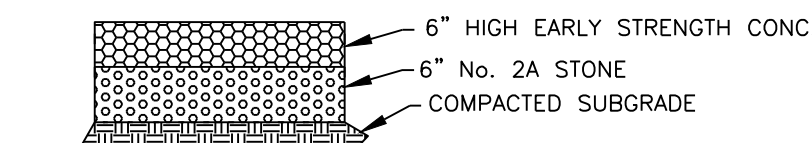


STANDARD CLEAN-OUT

N.T.S.

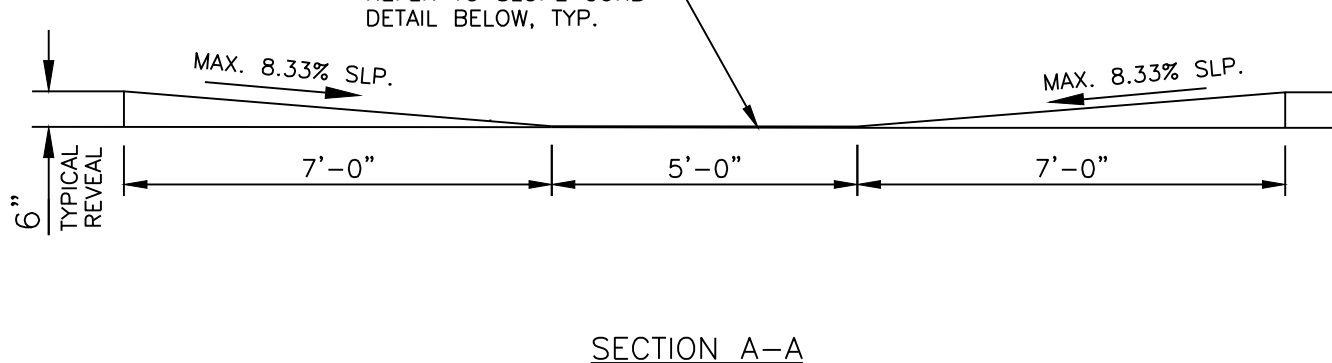
ASPHALT PAVING SECTION

N.T.S.

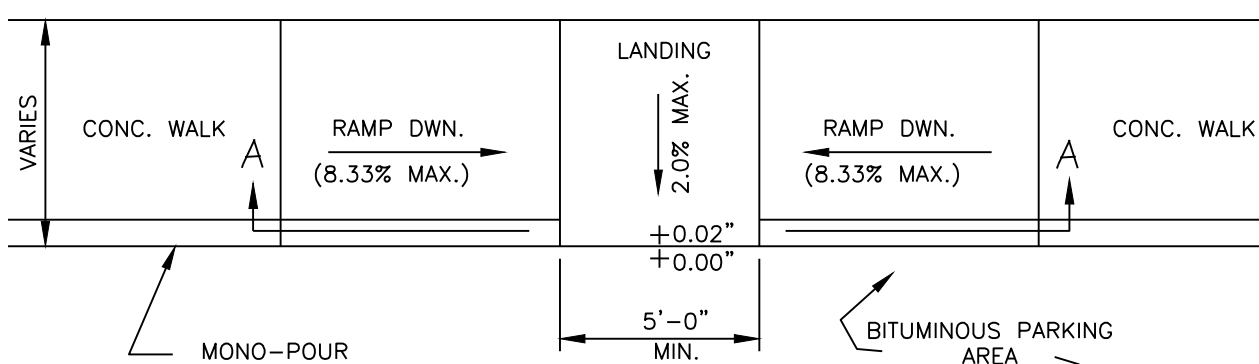


CONCRETE DRIVE THROUGH LANE

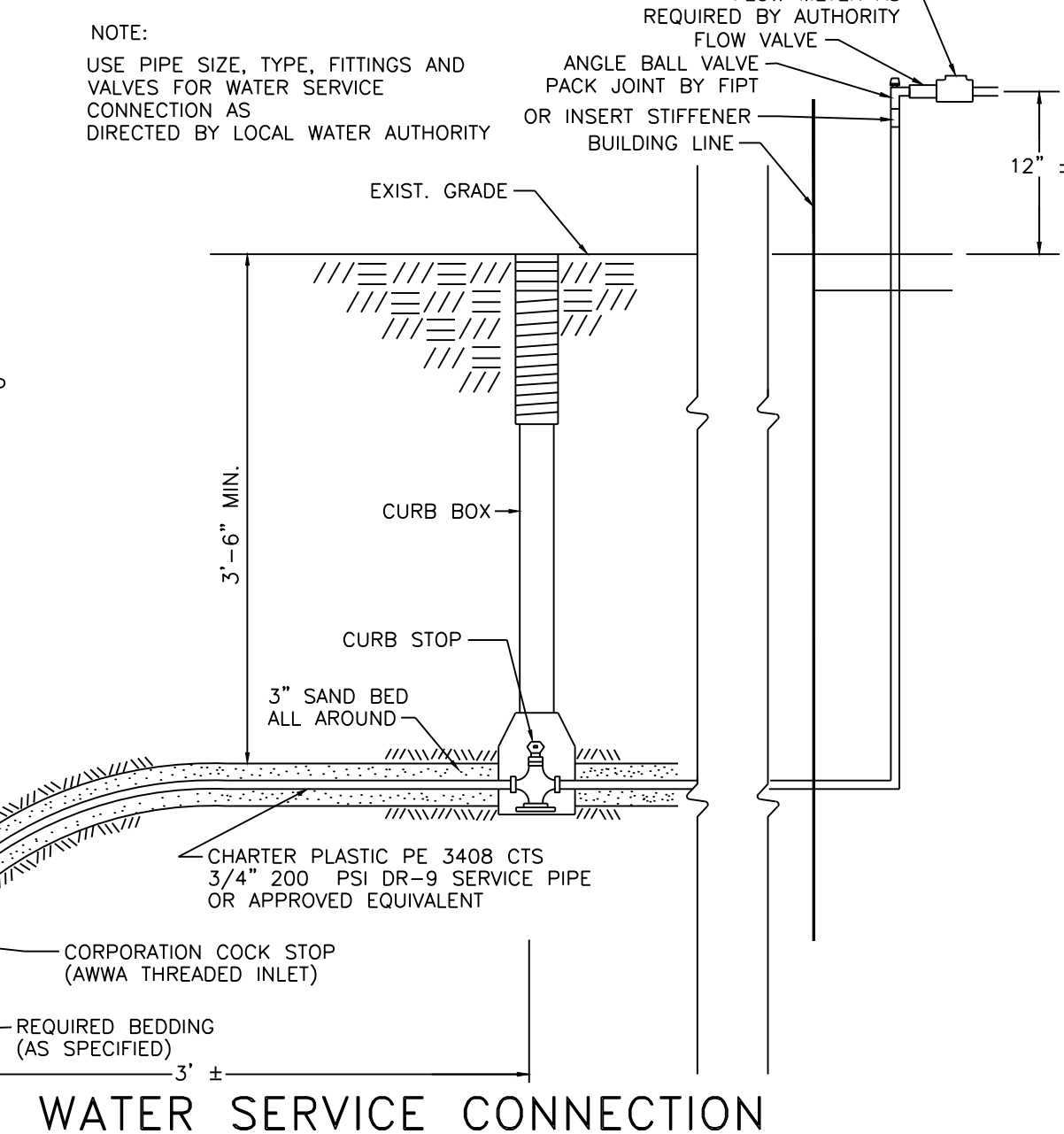
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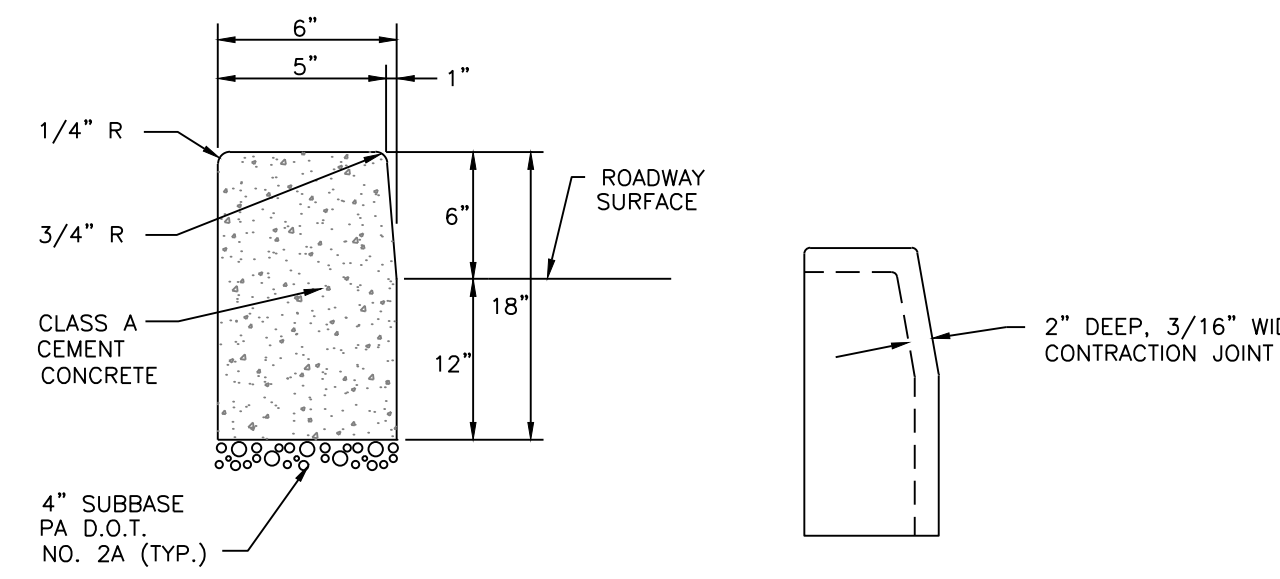
SECTION A-A



HANDICAP CURB RAMP

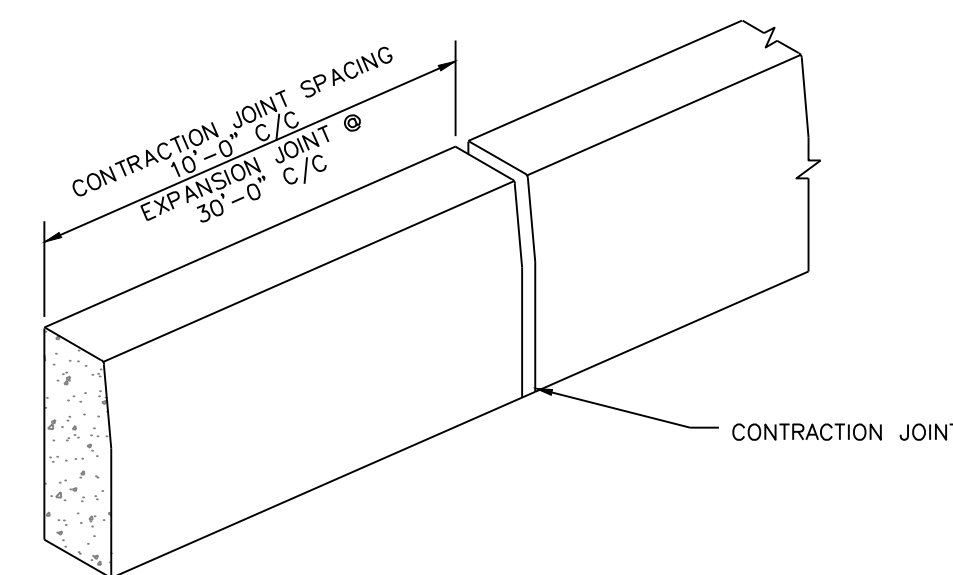


WATER SERVICE CONNECTION



STANDARD CURB DETAIL

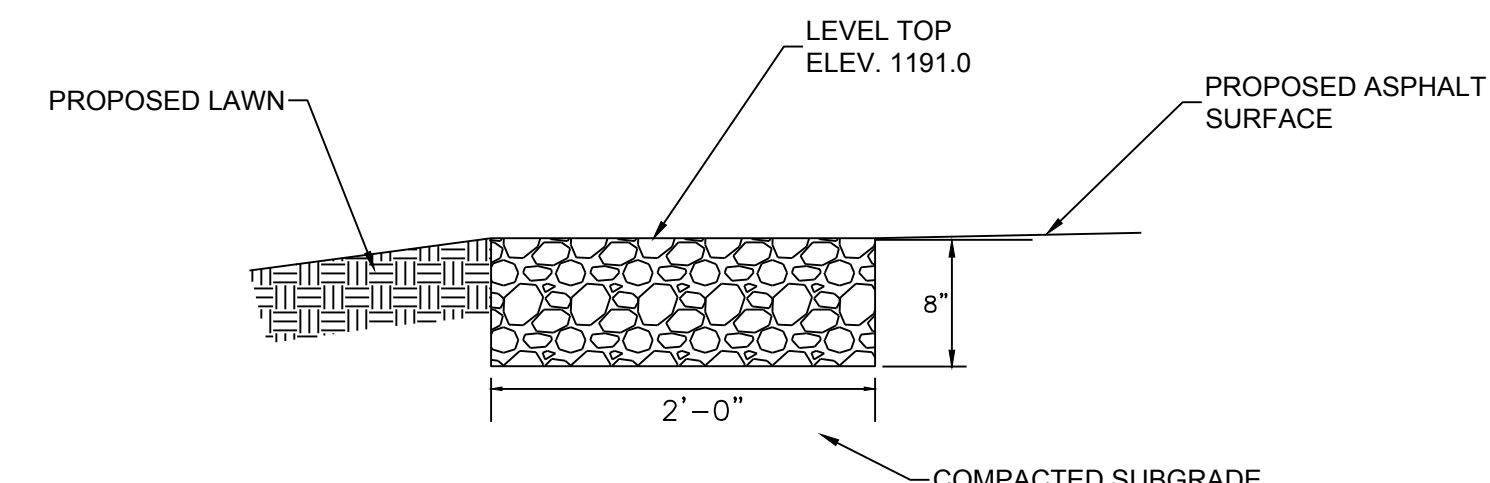
CONTRACTION JOINT DETAIL



PLAIN CEMENT CONCRETE CURB SECTION

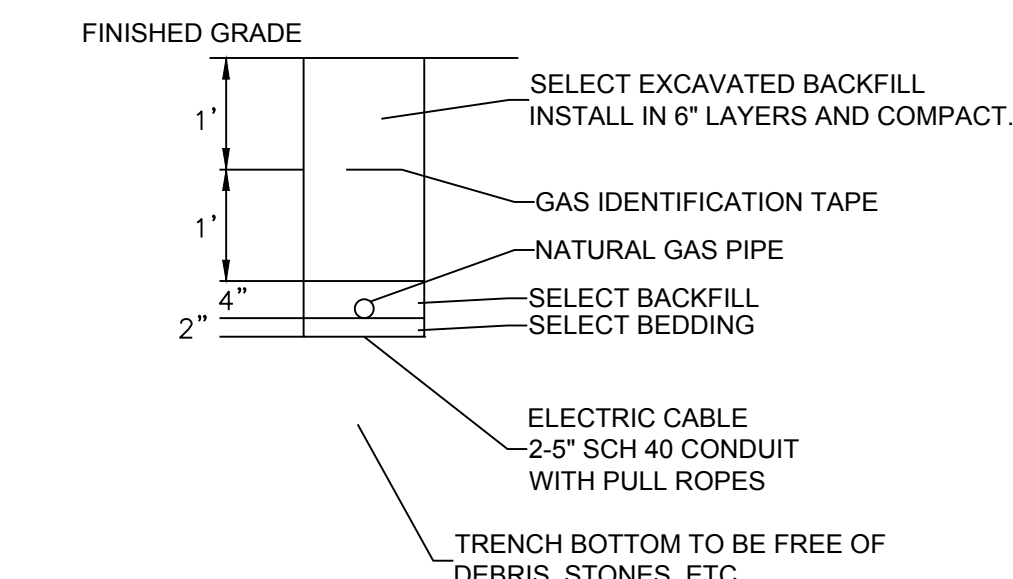
CEMENT CONCRETE CURB

N.T.S.



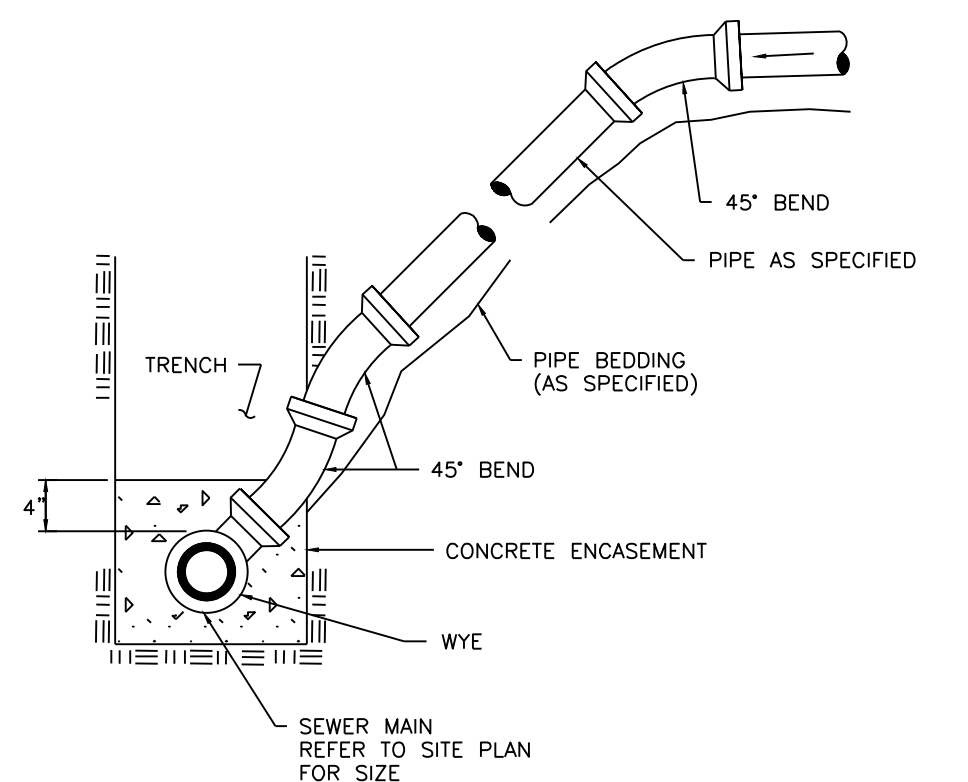
GRAVEL LEVEL SPREADER

N.T.S.



GAS LINE TRENCH

N.T.S.



SLOPED RISER LATERAL DETAIL

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9535 Ferry Road
Waynesville, OH 45068
617.331.2545
kathleendayarchitect@gmail.com

CHARTER FOODS NORTH
PO BOX 430
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BEDFORD TOWNSHIP
BEDFORD COUNTY
TACO BELL
FINAL PLAN



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www.eadsgroup.com

CONTRACT DATE: 1-7-16
BUILDING TYPE:
PLAN VERSION:
SITE NUMBER:
STORE NUMBER:

TACO BELL
SR 0220
BEDFORD, PA



PROPOSED DETAILS

C3

PERMIT PLOT DATE: JULY 2015

LEGEND

- 1420- EXISTING CONTOURS
- BUILDING SETBACKS
- PROPERTY LINES
- RIGHT OF WAY
- EXISTING UTILITY POLE, OVERHEAD LINE & GUY WIRE
- EXISTING SANITARY SEWER
- EXISTING GAS LINE
- EXISTING CURB
- EXISTING STORM WATER PIPE
- EXISTING STORM WATER INLETS
- EXISTING MUNICIPAL WATER LINE
- PROPOSED CONTOURS
- PROPOSED WATER
- PROPOSED SANITARY SEWER LINE
- PROPOSED STORM WATER INLETS
- PROPOSED STORM WATER PIPE
- PROPOSED CURB
- PROPOSED GASLINE
- ROOF DRAIN CONNECTION 8" HDPE
- HANDICAP ACCESSIBLE PARKING
- PROPOSED SPOT ELEVATIONS
- PROPOSED UNDERGROUND ELECTRIC
- CONCRETE PAVING
- PROPOSED LAWN-SOD
- PROPOSED SUMP / OVERFLOW AREA
- SOIL CLASSIFICATION
- INLET PROTECTION
- LIMIT OF DISTURBANCE
- SOIL BOUNDARY (NO BOUNDARY SHOWN ALL ONE TYPE)
- FILTER SOCK

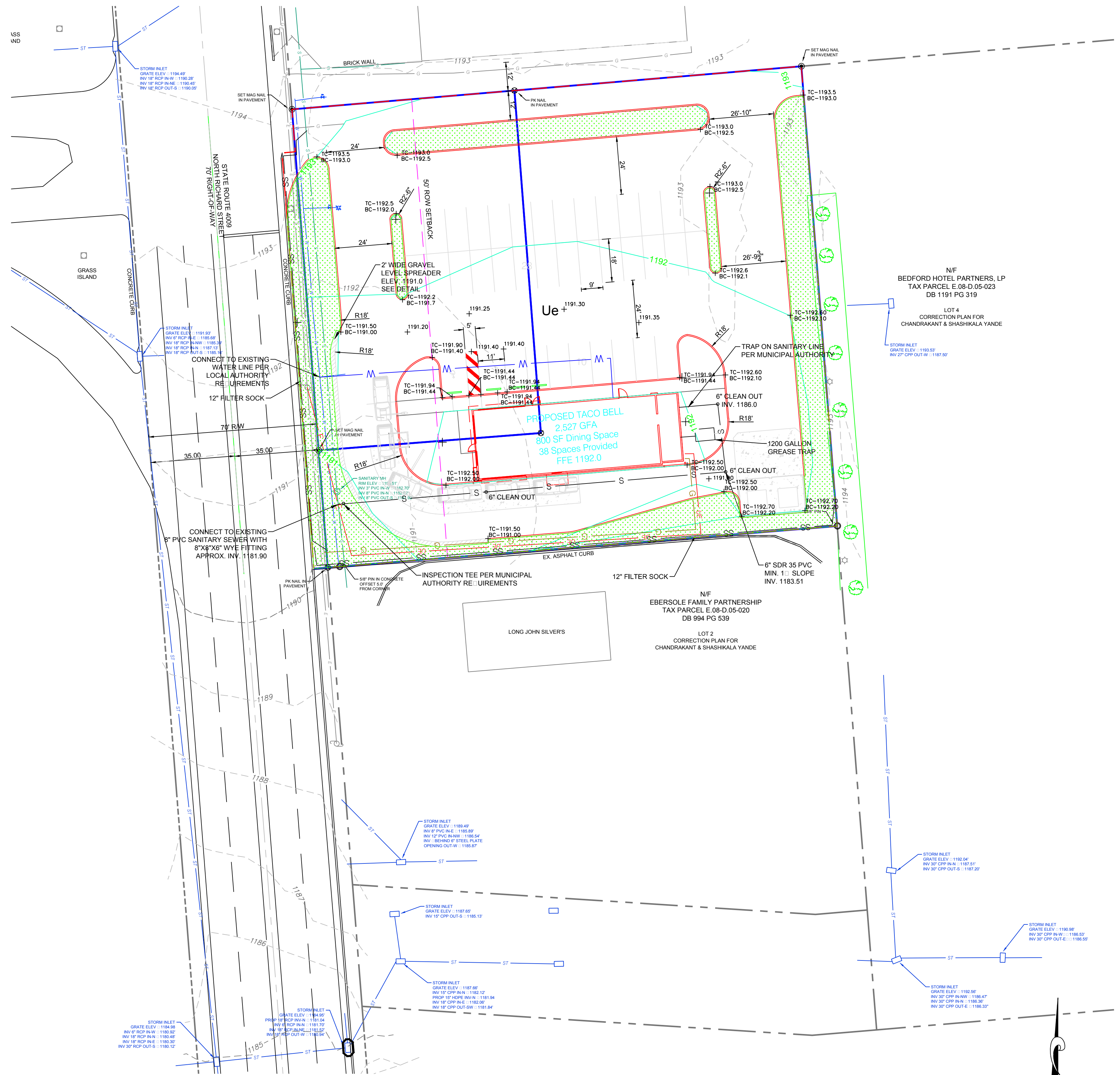
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5. 38 PARKING SPACES PROVIDED.
6. EXISTING PAVEMENT TO PROPERTY LINES AND RIGHT OF WAY LINES TO BE REMOVED TO SUBBASE. INSTALL PROPOSED ASPHALT, LANDSCAPING, CONCRETE AND CURBING AS SHOWN ON THE PLAN TO THE PROPERTY LINES AND RIGHT OF WAY LINES.
7. ALL WORK WITHIN PENNDOT RIGHT OF WAY SUBJECT TO CONDITIONS OF THE HIGHWAY OCCUPANCY PERMIT AND MUST COMPLY WITH CURRENT 408 STANDARDS AND RC-STANDARD DETAILS
8. ALL TRAFFIC PROTECTION MUST COMPLY WITH PENNDOT PUBLICATION 213 AND HOP.
9. MINIMUM ONE-WAY ACCESS MUST BE MAINTAINED TO BUSINESSES DURING CONSTRUCTION.
10. ALL UTILITY LOCATIONS AND DEPTHS SHOWN ARE APPROXIMATE. CONTRACTOR TO VERIFY DEPTH AND LOCATION.

CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES
3 WORKING DAYS NOTICE FOR
CONSTRUCTION PHASE AND 10 WORKING
DAYS IN DESIGN STAGE-STOP CALL
Pennsylvania One Call System, Inc.

1-800-242-1776

DESIGN STAGE SERIAL NUMBER 20151400275



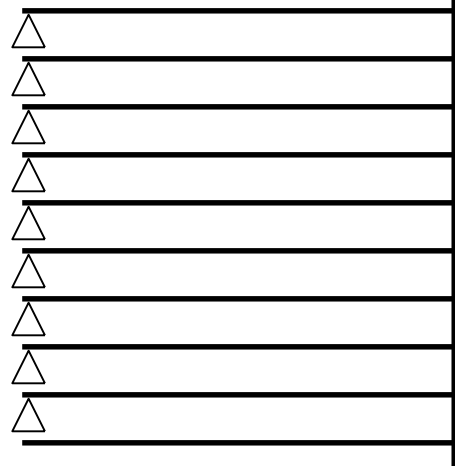
kathleen day, architect
9335 ferry road
waynesville, oh 45068
617.331.2545
kathleendayarchitect@gmail.com

CHARTER FOODS NORTH
PO BOX 430
TALBOTT, TN 37877
865-919-6851

BEDFORD TOWNSHIP
BEDFORD COUNTY
TACO BELL
FINAL PLAN



THE EADS GROUP
ENGINEERING ARCHITECTURE AND DESIGN SERVICES
15392 ROUTE 322
CLARION, PA. 16214
Phone: 814-764-5050
Fax: 814-764-5055
www.eadsgroup.com



CONTRACT DATE: 1-7-16
BUILDING TYPE:
PLAN VERSION:
SITE NUMBER:
STORE NUMBER:

TACO BELL
SR 0220
BEDFORD, PA



PROPOSED
E&S PLAN

ES.1

PERMIT PLOT DATE: JULY 2015

SOIL EROSION AND SEDIMENTATION NOTES

The purpose of this plan is to provide effective erosion and sedimentation control procedures to minimize accelerated erosion and sedimentation under normal conditions and shall not be construed in whole or part as adequate for stream control and soil stabilization during construction.

Any additional requirements to adequately control erosion and sedimentation shall be the responsibility of the contractor and shall be considered incidental to the excavation, unless otherwise specified.

Erosion and sediment BMPs (Best Management Practices) must be constructed, stabilized and functional before site disturbance begins within the tributary areas of the particular BMP.

Re-seed any areas disturbed by the construction activities.

Apply seeding, soil supplements, mulch, and erosion protection in accordance with PENNDOT Publication 408, Sections 804, 805, and 806. Seed and mulch finished areas immediately after completion of earthwork. Specifications can be found in the narrative. Erosion Control Blankets to be used where proposed slope is greater than 3:1 (See Detail).

Stockpiled areas must be stabilized immediately. Seed with Formula E and mulch in accordance with PENNDOT Publication 408, Section 805. Stockpile heights must not exceed 35 feet and stockpile slopes must be equal to or less than 2:1.

Comply with the requirements of the Pennsylvania Code Title 25 Environmental Resources, Chapter 102 Erosion Control and Sedimentation Pollution Control and Water Obstruction Permit.

Vegetated areas shall be considered permanently stabilized when a uniform 70% vegetative cover of erosion resistant perennial species has been achieved, or the disturbed area is covered with an acceptable BMP which permanently minimizes accelerated erosion and sedimentation. Until such time as this standard is achieved, interim stabilization measures and temporary erosion and sediment control BMPs that are used to treat project runoff may not be removed. Contractor to utilize existing topsoil in all vegetated areas and all excess topsoil to be properly disposed, reused or recycled per the Department regulations.

Make the project site available at all regular working times for inspection by the authorized employee of DEP or the County Conservation District. A copy of the approved E & S Control Plan and Narrative is to be available at the project site.

Conduct operations as shown or specified in the approved Erosion and Sedimentation Pollution Control Plan.

Direct flowing water away from project construction areas.

After final site stabilization has been achieved, temporary erosion and sediment BMPs must be removed. Areas disturbed during removal of the BMPs must be stabilized immediately.

The contractor, at his own expense, may develop and submit his own Erosion and Sediment Pollution Control Plan. Submit the plan to the Conservation District for approval. Provide a copy of this approval to the engineer for review and acceptance prior to starting work.

The project requires the placement of imported fill. The Operator will be responsible to perform environmental due diligence and determine that all fill imported to the site meets the Department's definition of clean fill.

Environmental Due Diligence is: Investigative techniques, including, but not limited to, visual property inspections, electronic data base searches, review of ownership and use history of property, Sanborn maps, environmental questionnaires, transaction screens, analytical testing, environmental assessments or audits.

Clean Fill is: Uncontaminated, nonwater-soluble, nondecomposable inert solid material. The term includes soil, rock, stone, dredged material, used asphalt, and brick, block or concrete from construction and demolition activities that is separate from other waste and recognizable as such. (25 Pa. Code §§ 271.101 and 287.101) The term does not include materials placed in or on the waters of the Commonwealth unless otherwise authorized.

MAINTENANCE CONTROLS DURING CONSTRUCTION

At the request of the Conservation District, the contractor will prepare an Erosion and Sediment Pollution Control Plan for all offsite borrow and waste areas. Submit to the District for approval.

Stabilize all offsite borrow and waste areas by seeding and mulching as specified.

Separate water originating outside of the project from that originating within.

Until the site is stabilized, all erosion and sediment BMPs must be maintained properly. Maintenance must include inspections of all erosion and sediment BMPs after each runoff event and on a weekly basis. Records of each inspection, notes of deficiencies, and the corrective actions taken will be kept at the project site for review by the Department, engineer and/or the Conservation District. All preventative and remedial maintenance work, including clean out, repair, replacement, regrading, reseeding, and remulching must be performed immediately. If erosion and sediment control BMPs fail to perform as expected, replacement BMPs, or modifications of those installed will be required.

Remove accumulated sediments as required and prior to reaching one-half of the above ground height of the composite filter sock to keep functional. Repair all undercutting or erosion of the toe anchor immediately with compacted backfill materials.

Sediment removed from the control facilities shall not be placed as fill material within the project area. Contractor shall satisfactorily dispose of removed materials.

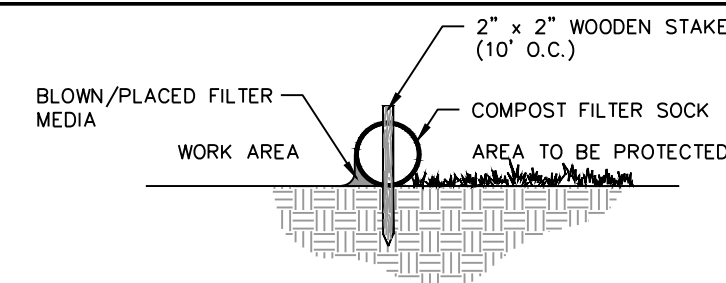
Excess cuts or fills will be utilized or disposed of onsite. Construction debris shall be properly disposed at an off-site location.

INSPECTION of BMPs to occur after each rainfall event and every two weeks during construction. Records of each inspection, notes of deficiencies, and the corrective actions taken will be kept at the project site for review by the Department, engineer and/or the Conservation District.

CONSTRUCTION SEQUENCE

1. INSTALL 12" COMPOSITE SOCK AND INLET PROTECTION ON EXISTING INLETS.
2. REMOVE EXISTING PAVEMENT AND BUILDING AND PROPERLY DISPOSE.
3. INSTALL UNDERGROUND UTILITIES, STORM SEWERS AND INLETS.
4. GRADE TO SUBGRADE LEVEL.
5. AS NEEDED, PUMP WATER FROM UTILITY TRENCHES AND FOOTERS INTO SEDIMENT FILTER BAGS INSTALLED AT LOCATION SHOWN ON PLAN.
6. COMPLETE CONSTRUCTION OF DEVELOPMENT (ROADS, PARKING, BUILDINGS, CULVERTS, ETC.)
7. INSTALL LANDSCAPING.
8. GRADE TO FINAL GRADE, PLACE TOPSOIL, PLACE SEED AND MULCH.
9. BEGIN REMOVAL OF EROSION AND SEDIMENTATION CONTROLS WHEN SITE IS STABILIZED (UNIFORM 70% PERENNIAL VEGETATIVE COVER) AND AS DIRECTED BY ENGINEER.

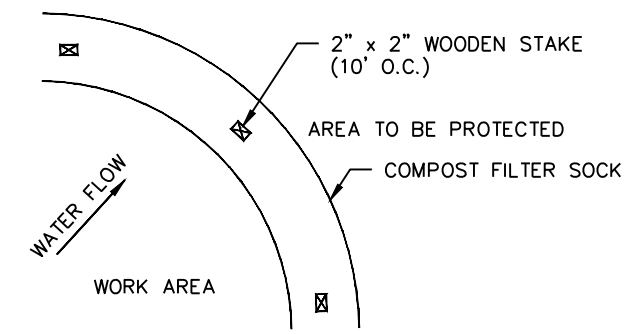
SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 COMPOST SHALL MEET THE FOLLOWING STANDARDS:	
ORGANIC MATTER CONTENT	80%-100% (DRY WEIGHT BASIS)
ORGANIC PORTION	FIBROUS AND ELONGATED
pH	5.5 - 8.0
MOISTURE CONTENT	35% - 55%
PARTICLE SIZE	98% PASS THROUGH 1" SCREEN
SOLUBLE SALT CONCENTRATION	5.0 gS MAXIMUM



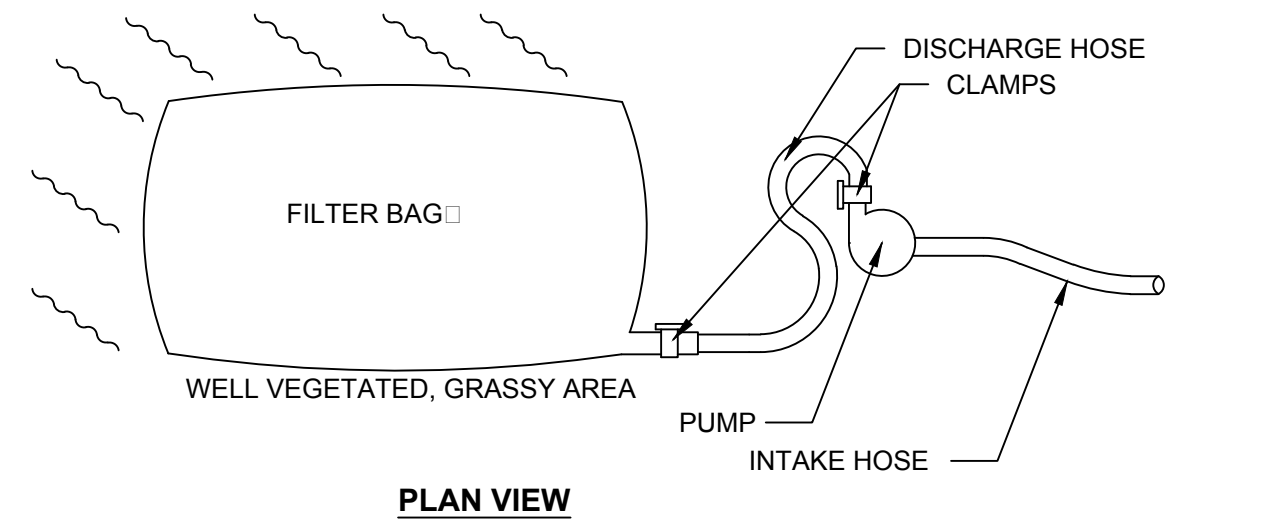
SLOPE %	COMPOST FILTER SOCK DIAMETER				
	8"	12"	18"	24"	32"
2	400	520	690	1000	1300
5	200	250	350	500	650
10	100	150	250	300	400
20	25	70	150	200	250
33	20	40	65	90	105
40	15	35	55	75	90
50	10	25	40	50	65

* TABLE DERIVED FROM FIGURE 4.2, PA. D.E.P. EROSION CONTROL MANUAL DRAFT, 363-2134-008 / DRAFT 10-17-2009 / PAGE 54

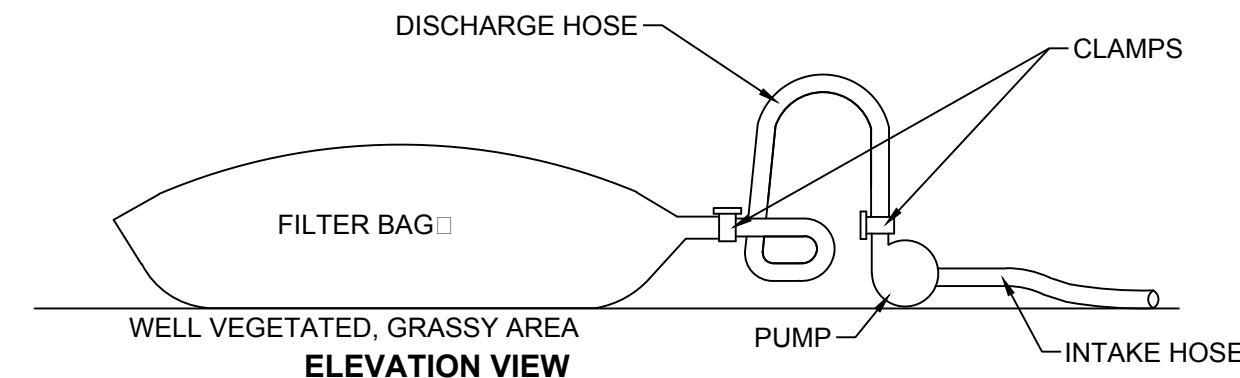
- NOTES:
1. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT.
 2. TRAFFIC SHALL NOT BE PERMITTED TO CROSS FILTER SOCKS.
 3. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE SOCK AND DISPOSED IN AN APPROVED MANNER.
 4. SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECS. OR REPLACED WITHIN 24 HOURS OF INSPECTION.
 5. BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
 6. UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.



COMPOST FILTER SOCK
N.T.S.

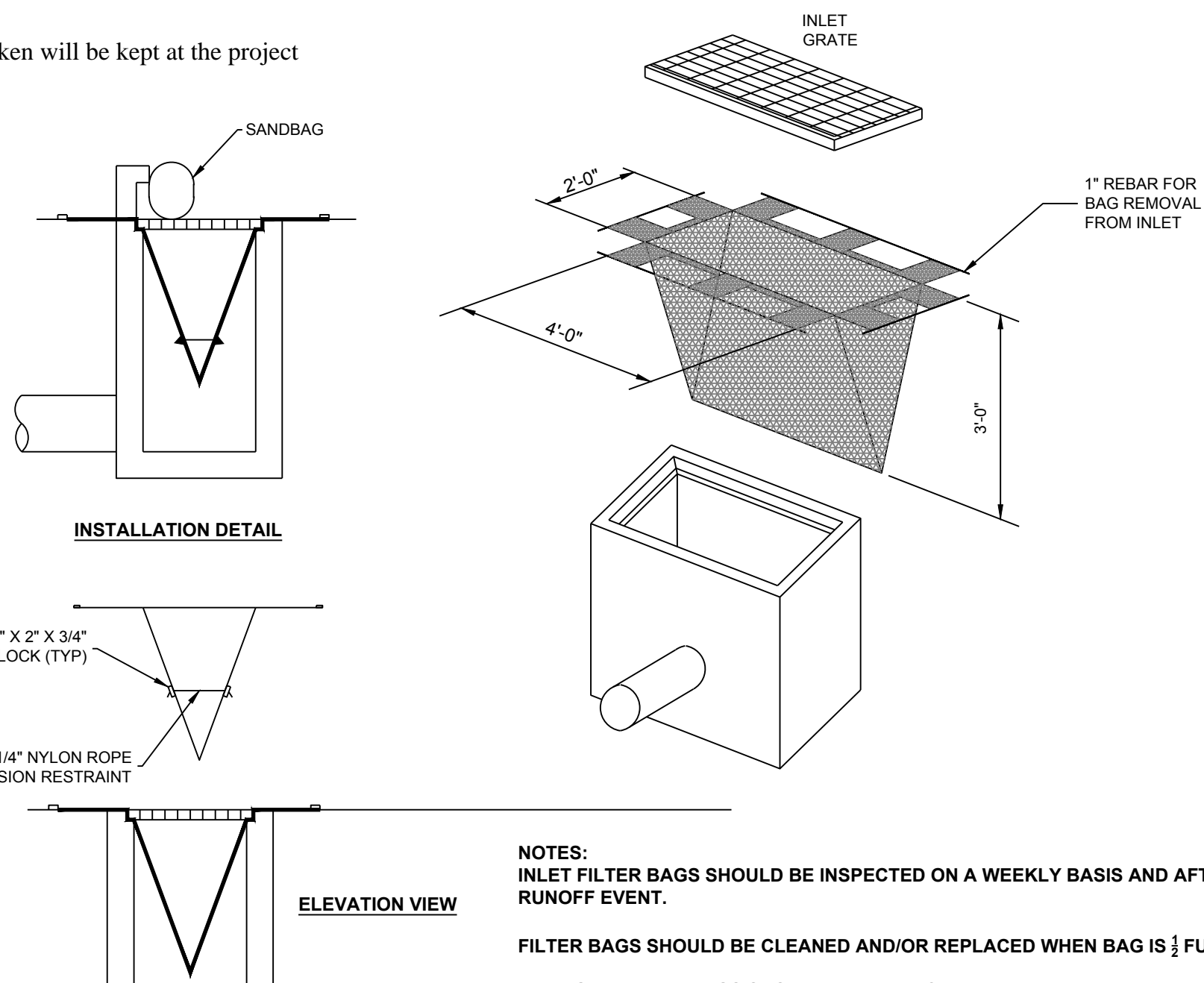


PLAN VIEW



ELEVATION VIEW

SEDIMENT FILTER BAG



FILTER BAG INLET PROTECTION
N.T.S.

- NOTES:
- INLET FILTER BAGS SHOULD BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT.
 - FILTER BAGS SHOULD BE CLEANED AND/OR REPLACED WHEN BAG IS 1/2 FULL.
 - DAMAGED FILTER BAGS SHOULD BE REPLACED.
 - NEEDED REPAIRS SHOULD BE INITIATED IMMEDIATELY AFTER THE INSPECTION.

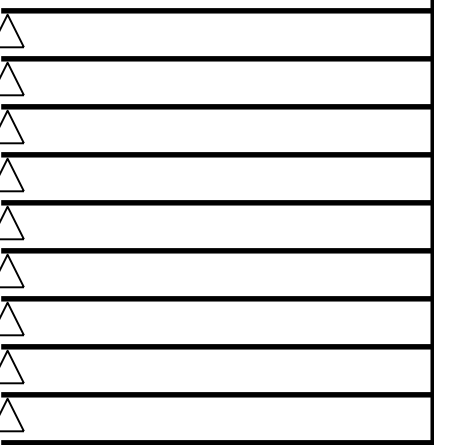
Kathleen Day, Architect
8535 Ferry Road
Waynesville, OH 45068
617.331.2545
kathleendayarchitect@gmail.com

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BEDFORD TOWNSHIP
BEDFORD COUNTY
TACO BELL
FINAL PLAN



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CONTRACT DATE: 1-7-16
BUILDING TYPE:
PLAN VERSION:
SITE NUMBER:
STORE NUMBER:

TACO BELL

SR 0220
BEDFORD, PA

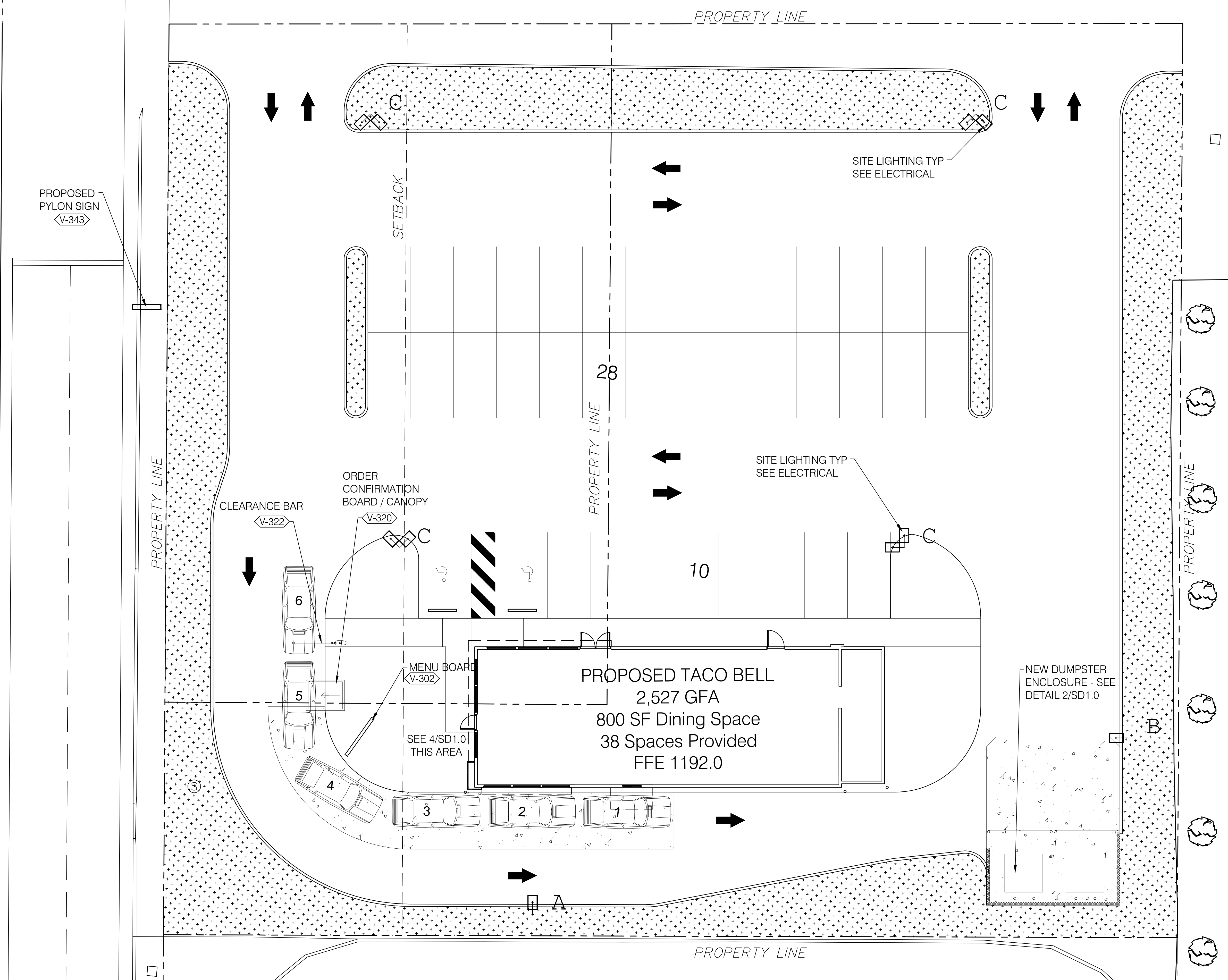


PROPOSED
E&S PLAN

ES.2

PERMIT PLOT DATE: JAN 2016

kathleen day, architect
8535 ferry road
waynesville, oh 45068
617.331.2545
kathleendayarchitect@gmail.com



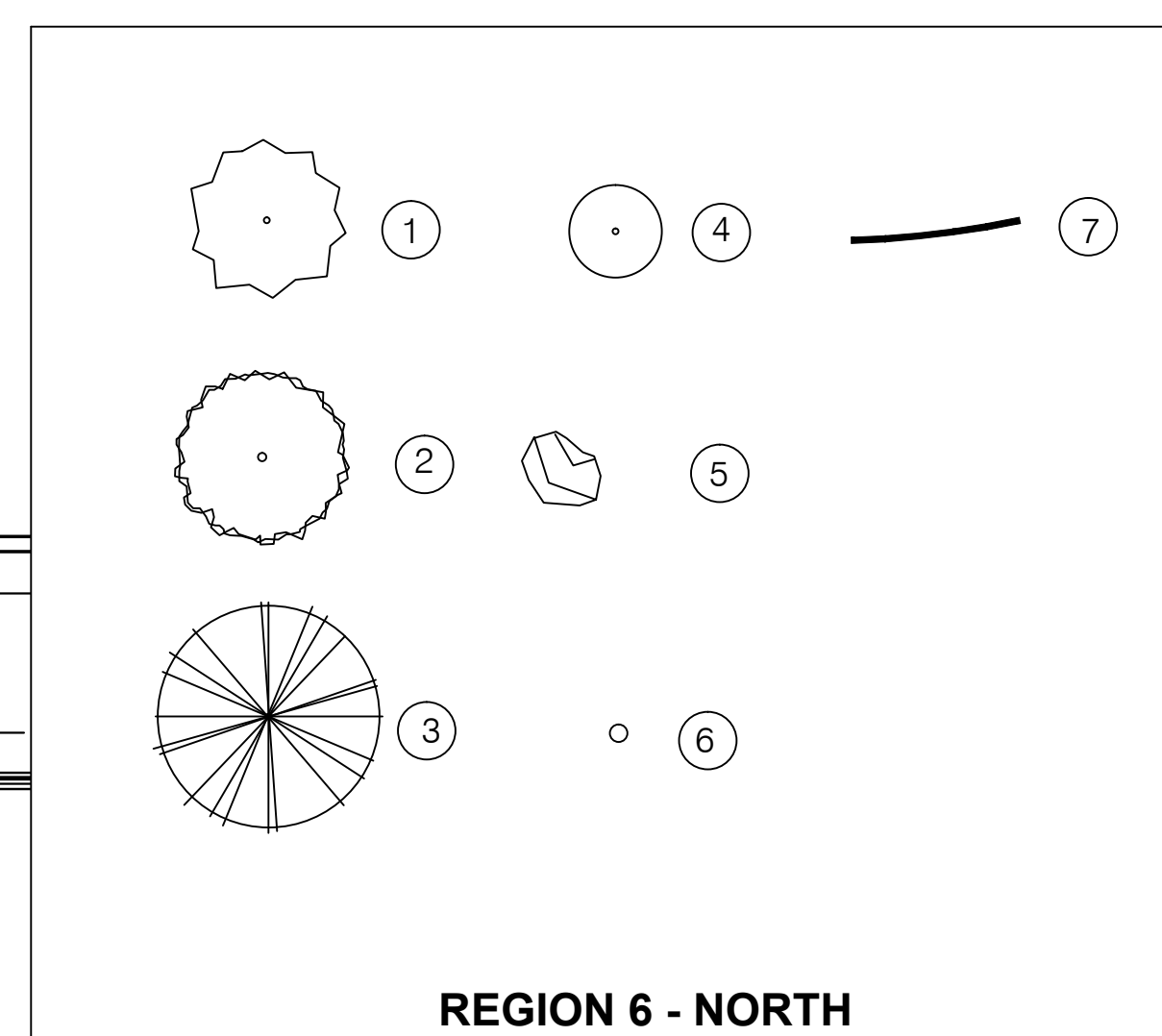
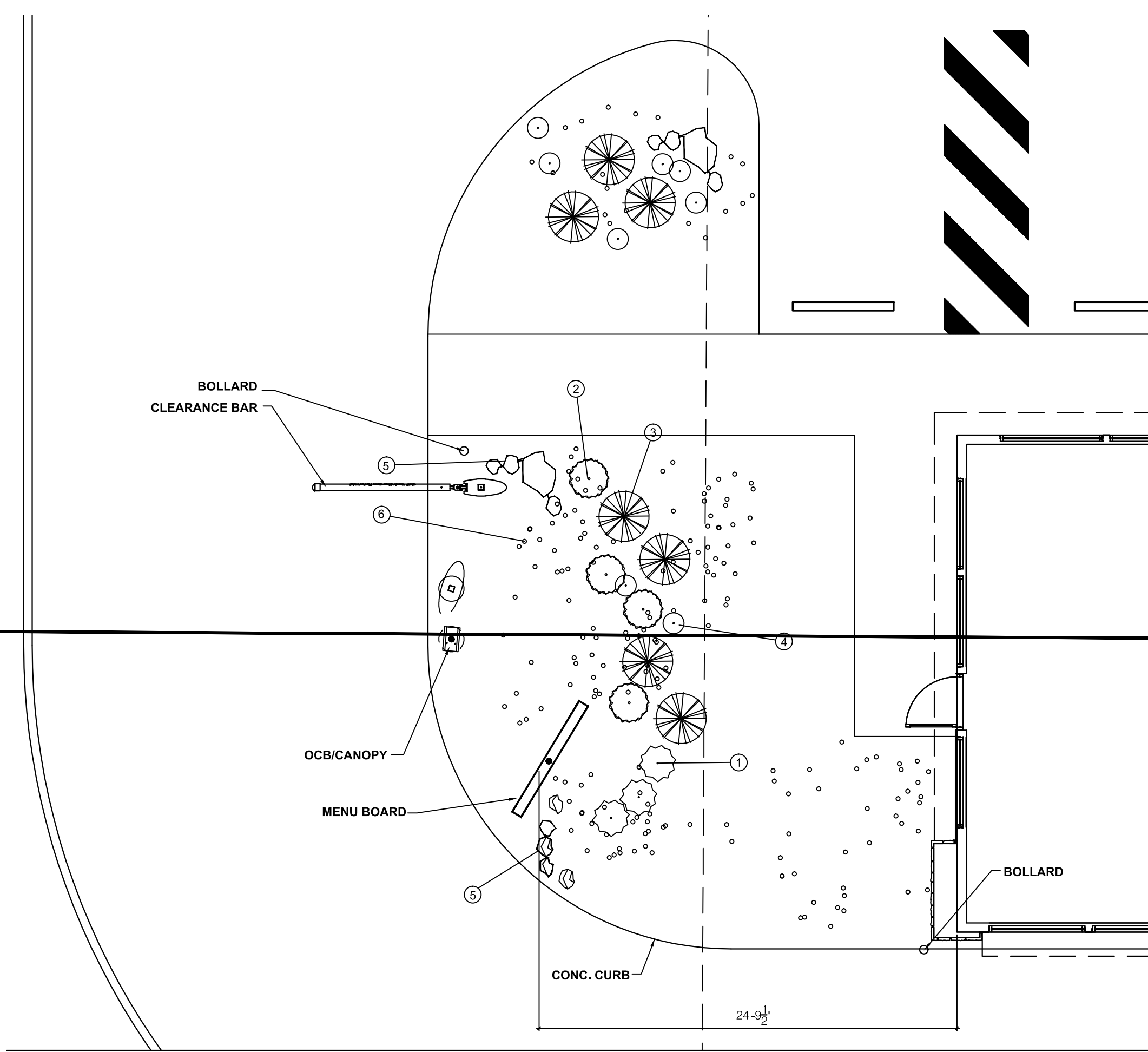
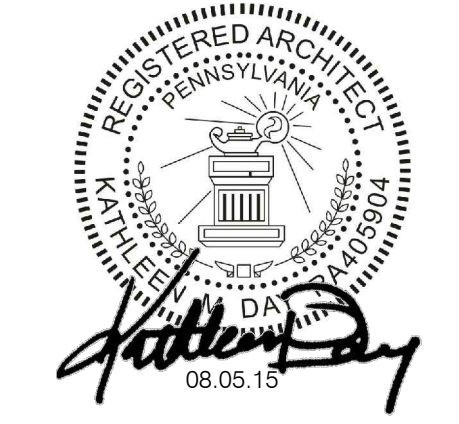
CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS -Large 50
PLAN VERSION: 06.08.15 -- REV 0
SITE NUMBER:
STORE NUMBER:

TACO BELL
US Route 220
Township of Bedford, PA



LARGE50
**SIGN &
LANDSCAPE
PLAN**

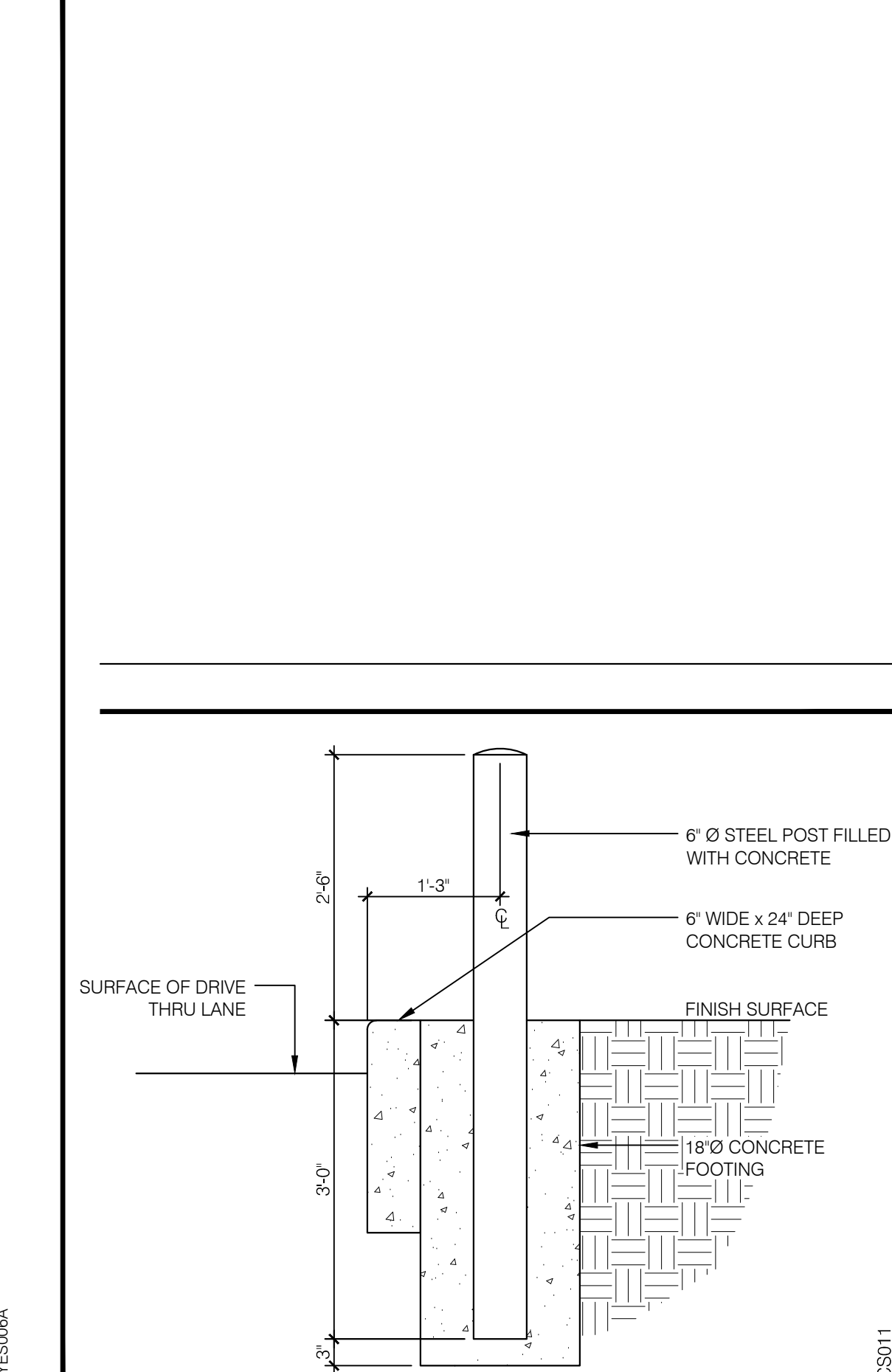
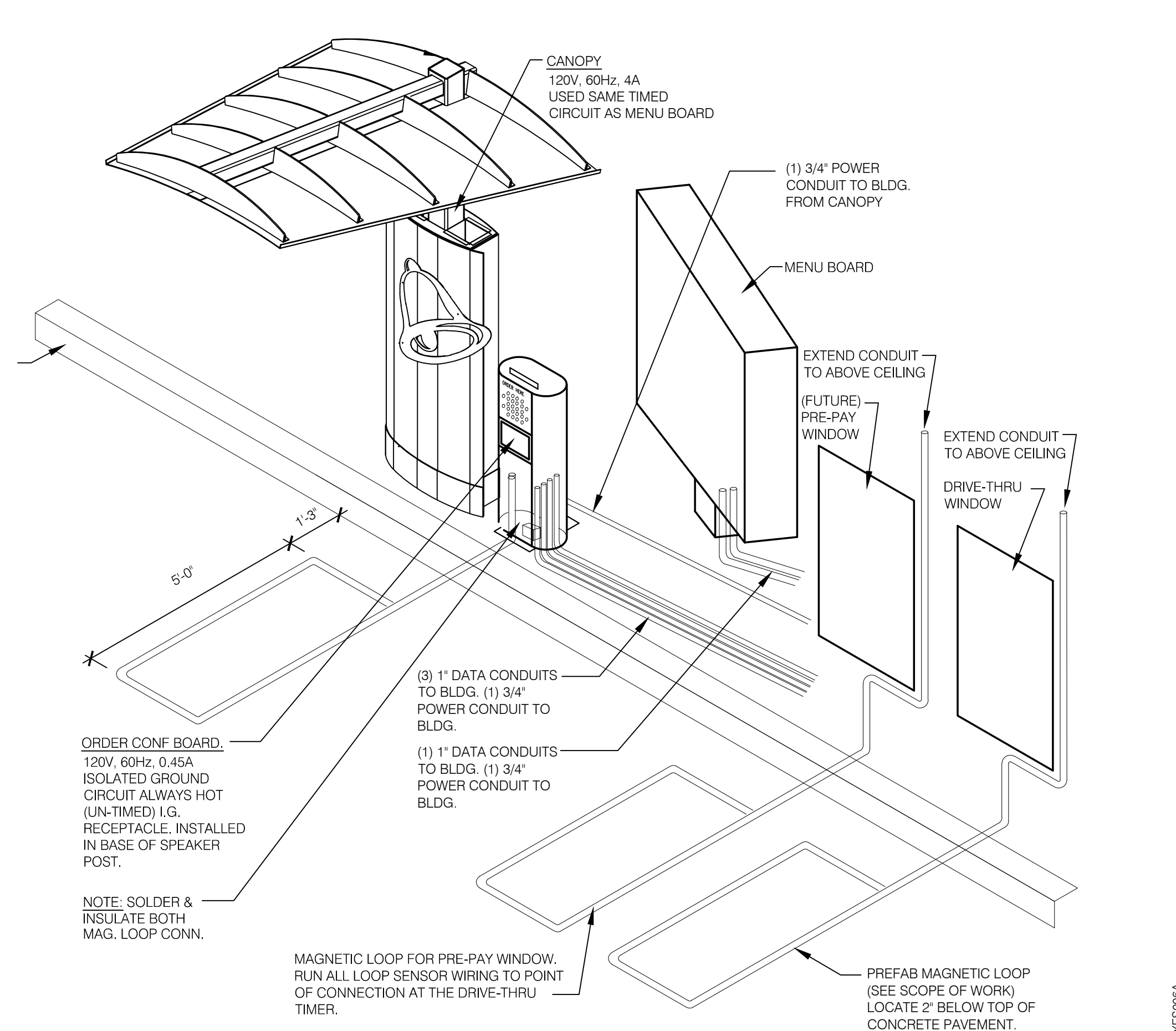
SDO.0



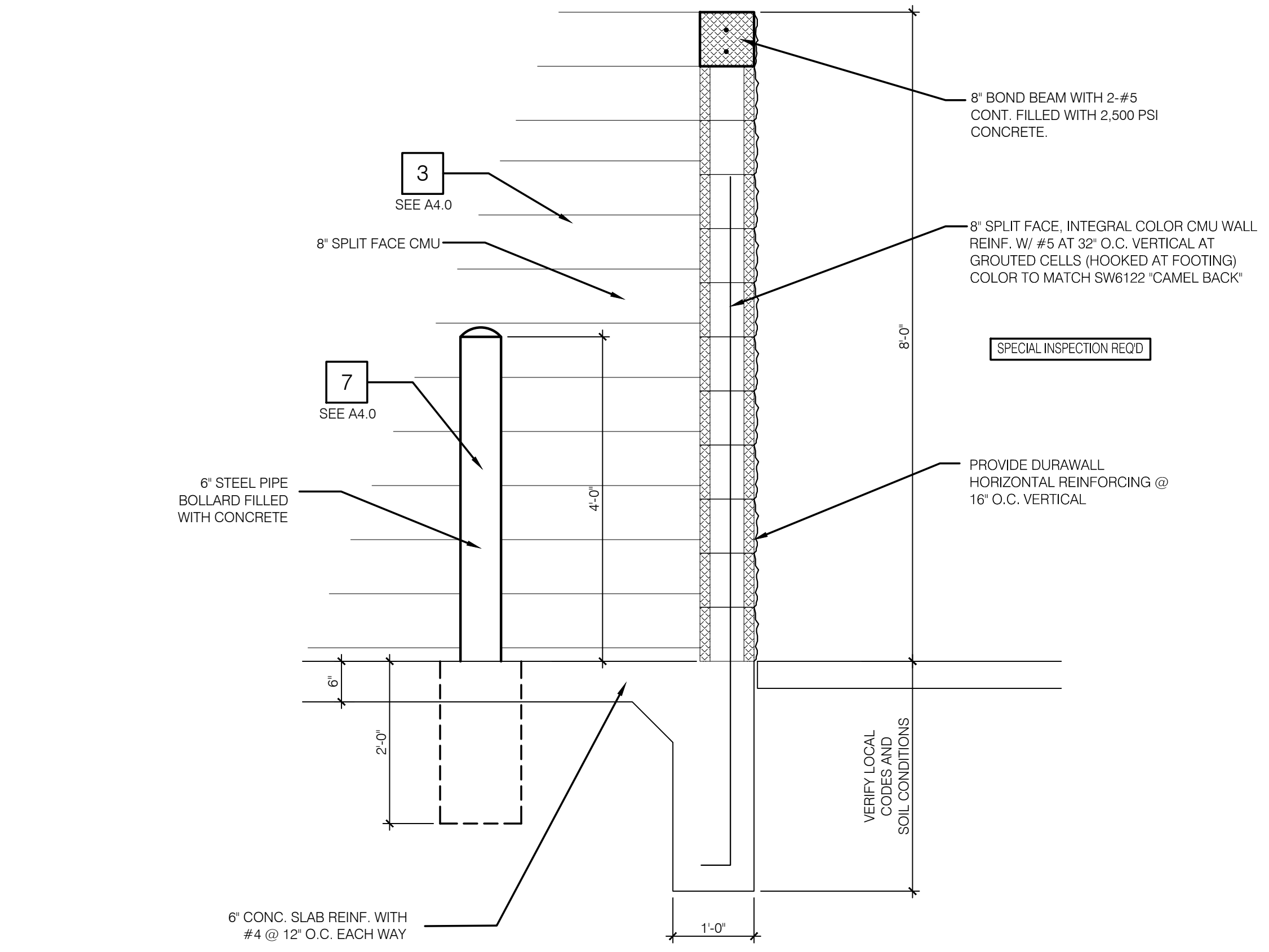
REGION 6 - NORTH

NO.	MATERIAL	TY	SIZE	HGT.	SP
①	BLUE FESCUE FESTUCA GLAUCA	PER PLAN	3 GAL.	12"	12"
②	CRANBERRY BUSH VIBURNUM OPULUS	PER PLAN	3 GAL.	15"	15"
③	ADAM'S NEEDLE YUCCA FILAMENTOSA	PER PLAN	5 GAL.		
④	DWARF GOLDEN ARBORVITAE 'THUJA OCCIDENTALIS 'RHEINGOLD'	PER PLAN	5 GAL.	24"	24"
⑤	LIMESTONE BOULDER SAND - GREY - 6" TO 24"	PER PLAN	6"-24"	N/A	
⑥	GRAVEL MULCH 3" RIVER ROCK	PER PLAN	3"	N/A	
⑦	STEEL EDGING	PER PLAN	N/A	3" AFG 6" BFG	N/A

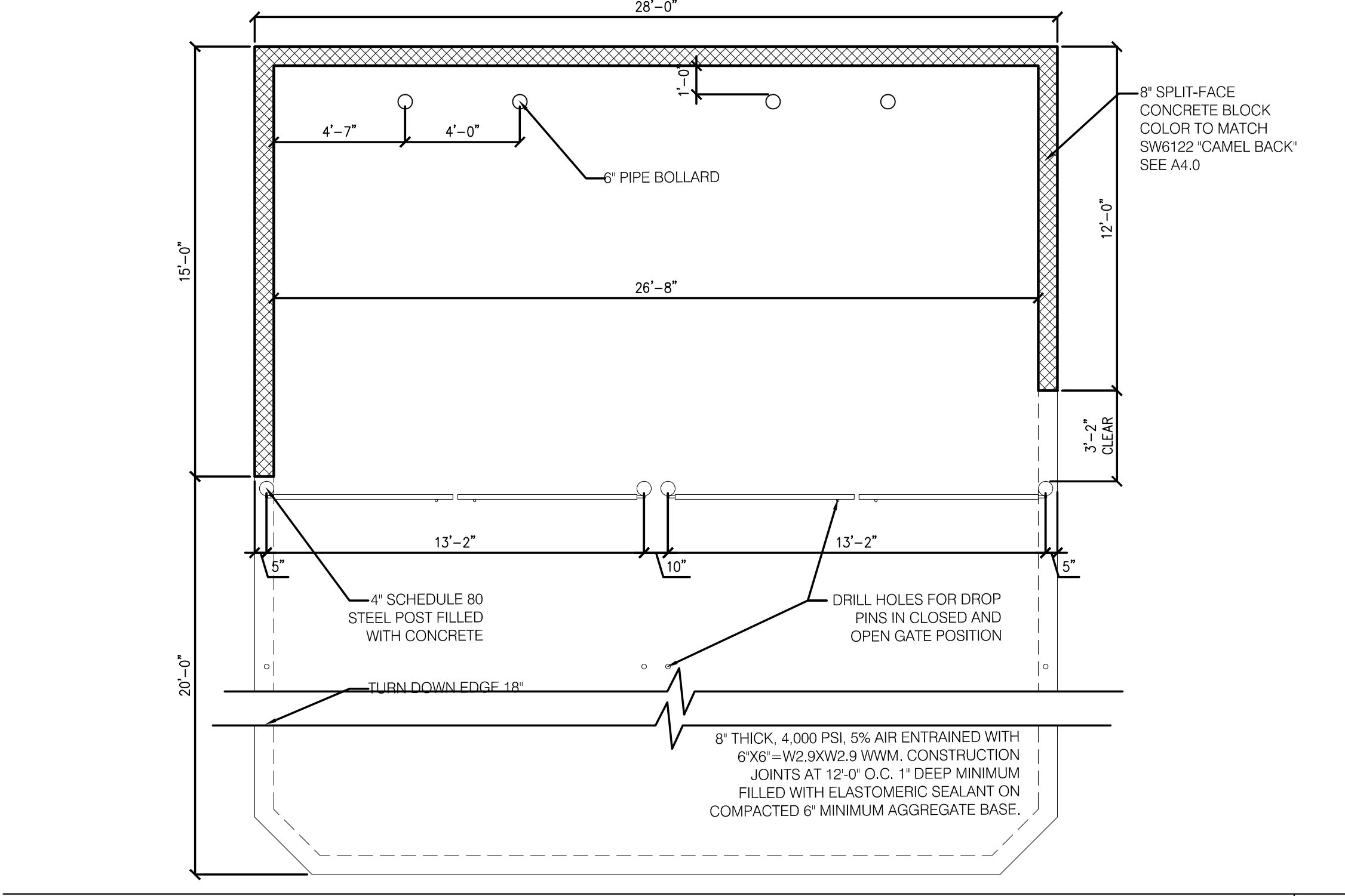
MENUBOARD LAYOUT AND LANDSCAPING 4



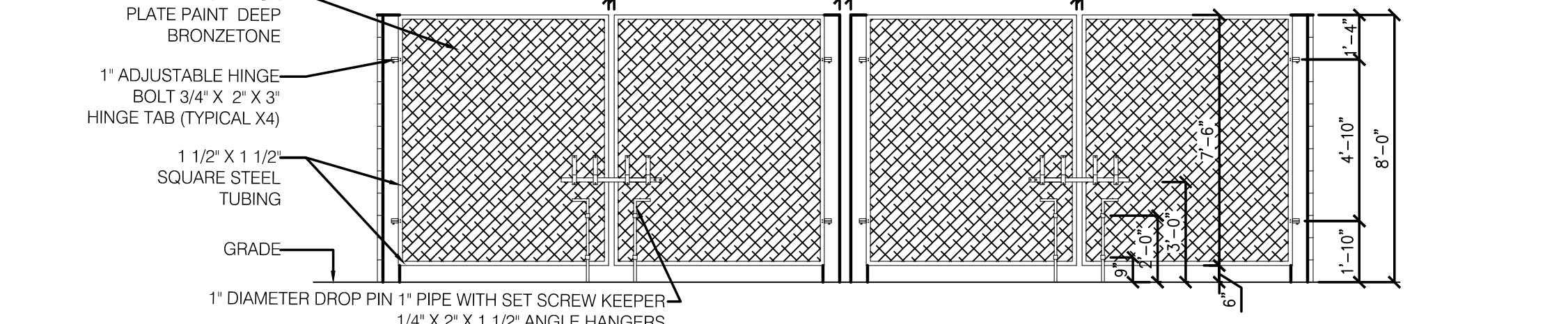
BOLLARD DETAIL 3/4" = 1'-0" 5



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



DOUBLE DUMPSTER PLAN 1/4" = 1'-0" 2



DOUBLE DUMPSTER GATE ELEVATION 1/4" = 1'-0" 3

OWNER COMMENTS - 12.07.15

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA

TACO BELL
LIVE MAS
 LARGE50

SITE DETAILS

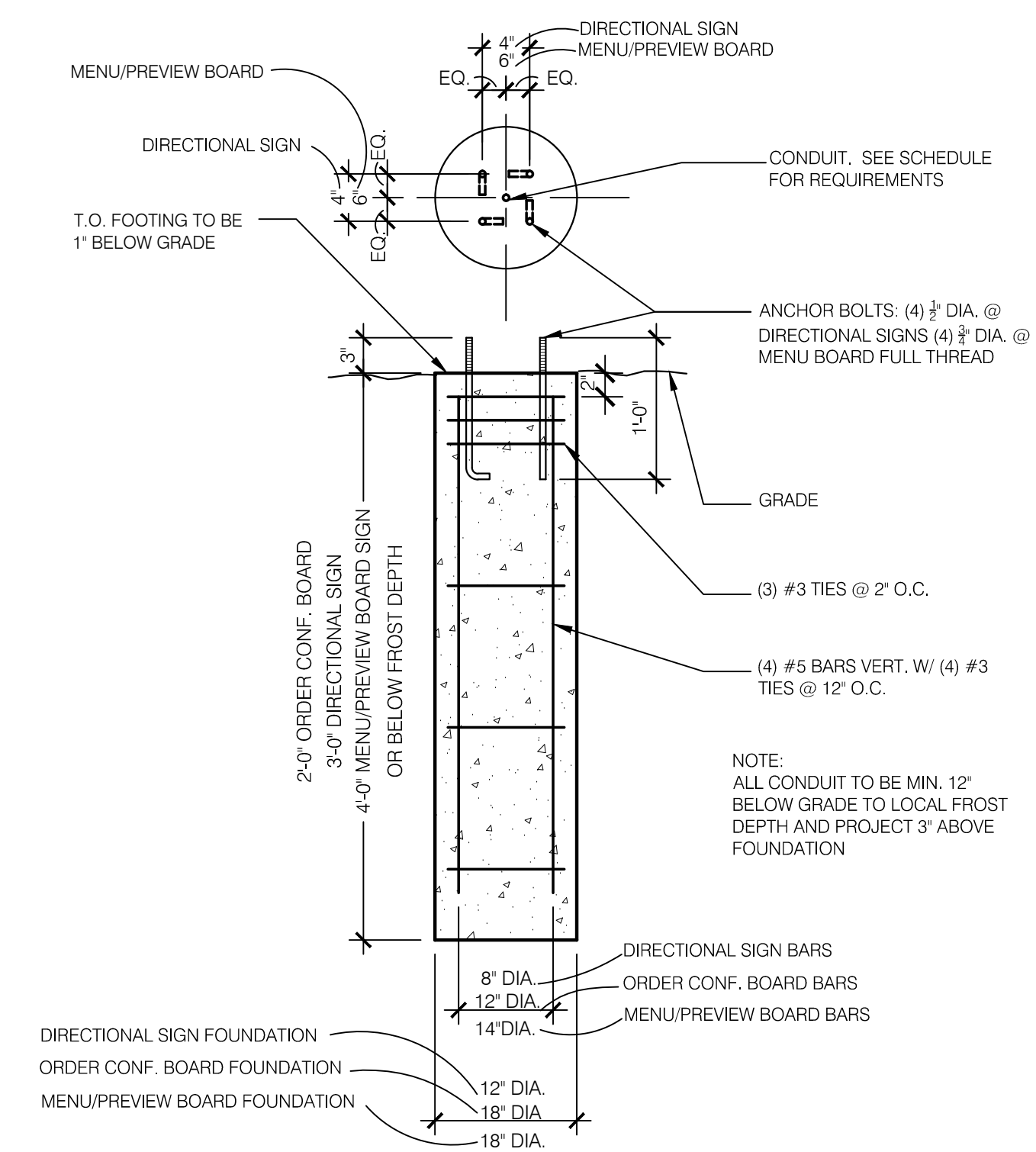
SD1.0

PERMIT PLOT DATE:

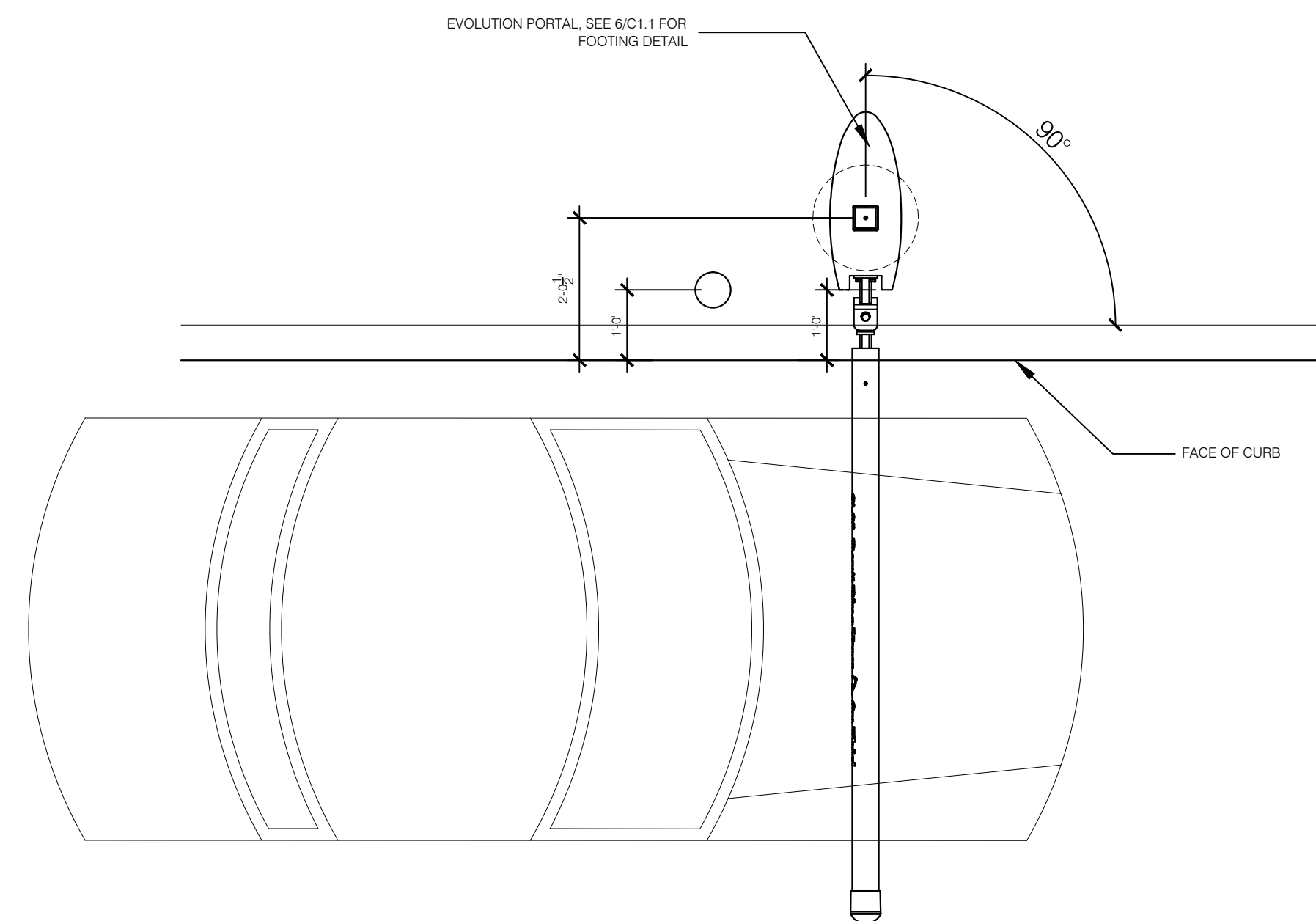
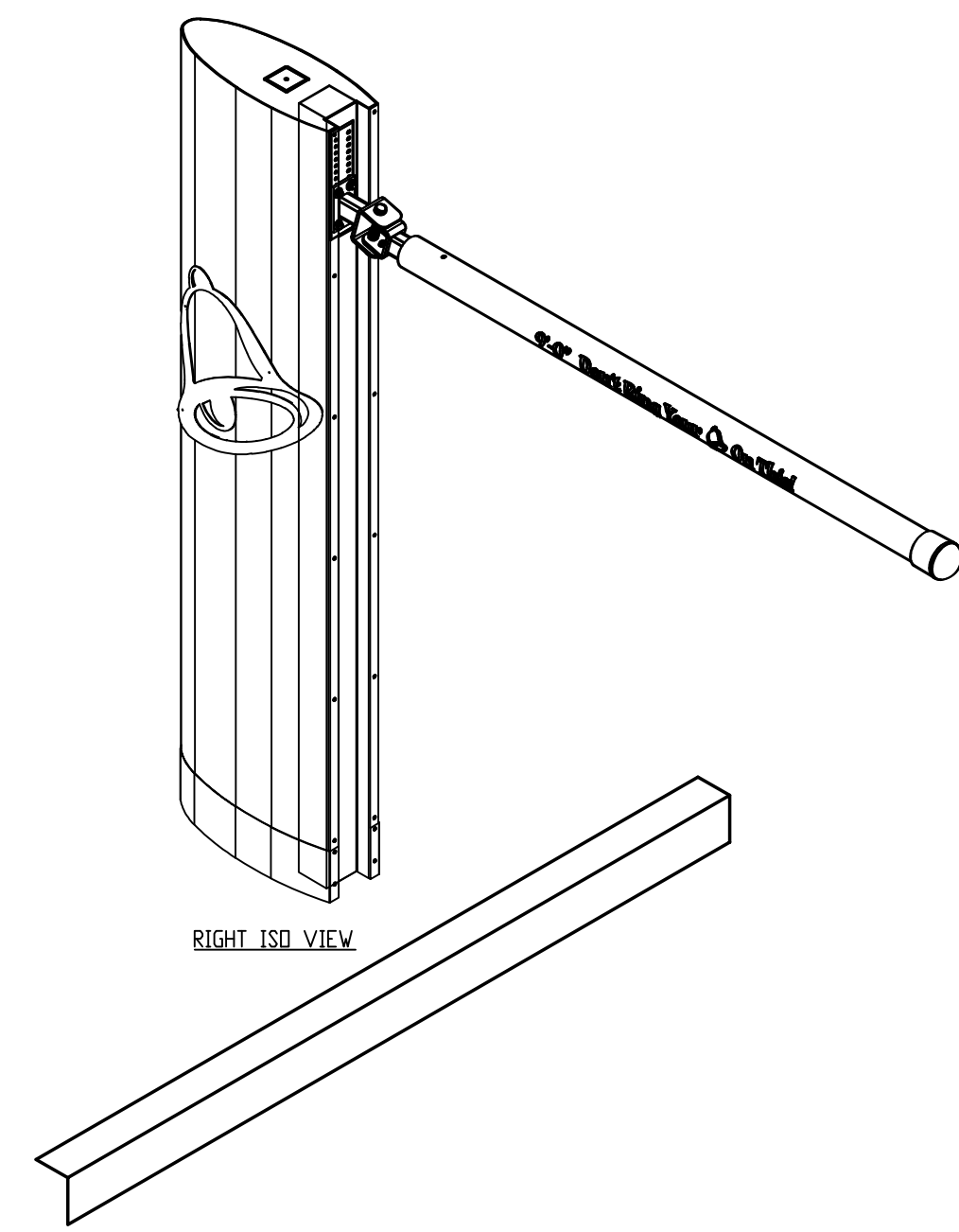
CONDUIT SCHEDULE

DEVICE	POWER	DATA
DIRECTIONAL	(1) 3"	-
DCB	(1) 3"	(3) 1"
MENU BOARD	(1) 3"	-

NOTE:
 BOLT PATTERN PROVIDED AS
 EXAMPLE - OBTAIN ANCHOR
 BOLT TEMPLATE FROM
 SUPPLIER



TCS004A

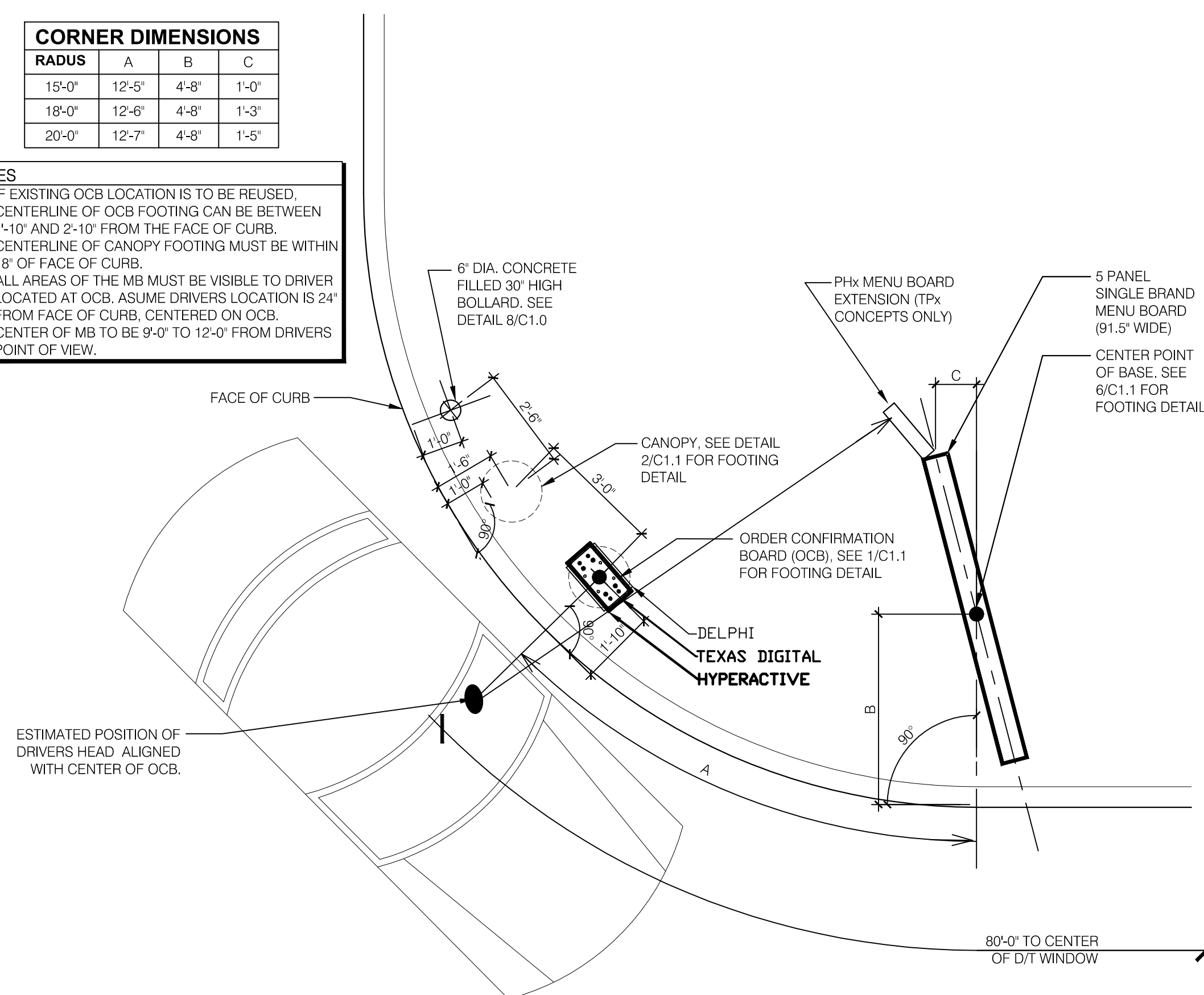


PORTAL PLACEMENT DETAIL 1/2" = 1'-0" **3**

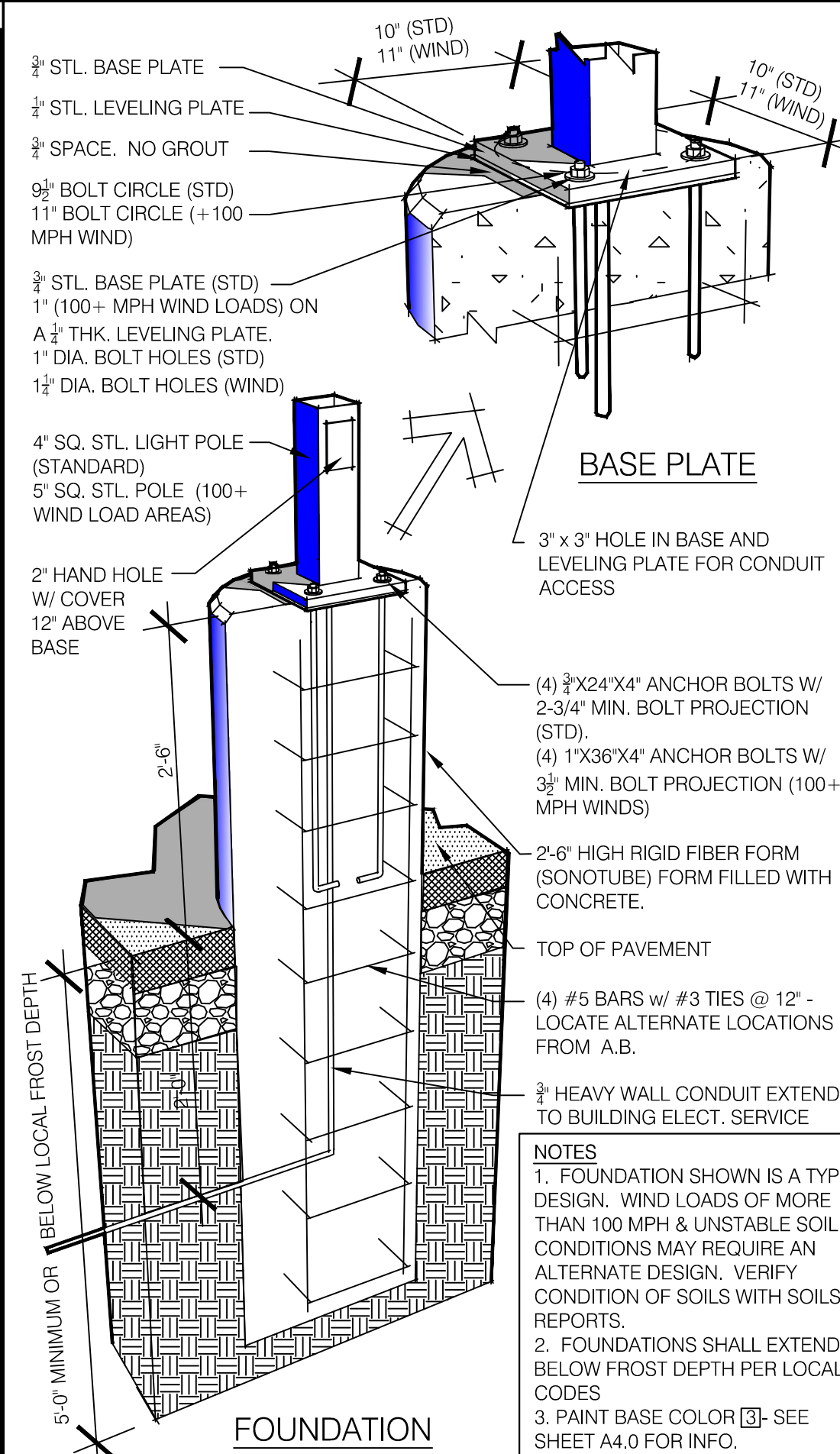
CORNER DIMENSIONS

RADIUS	A	B	C
15'-0"	12'-5"	4'-8"	1'-0"
18'-0"	12'-6"	4'-8"	1'-3"
20'-0"	12'-7"	4'-8"	1'-5"

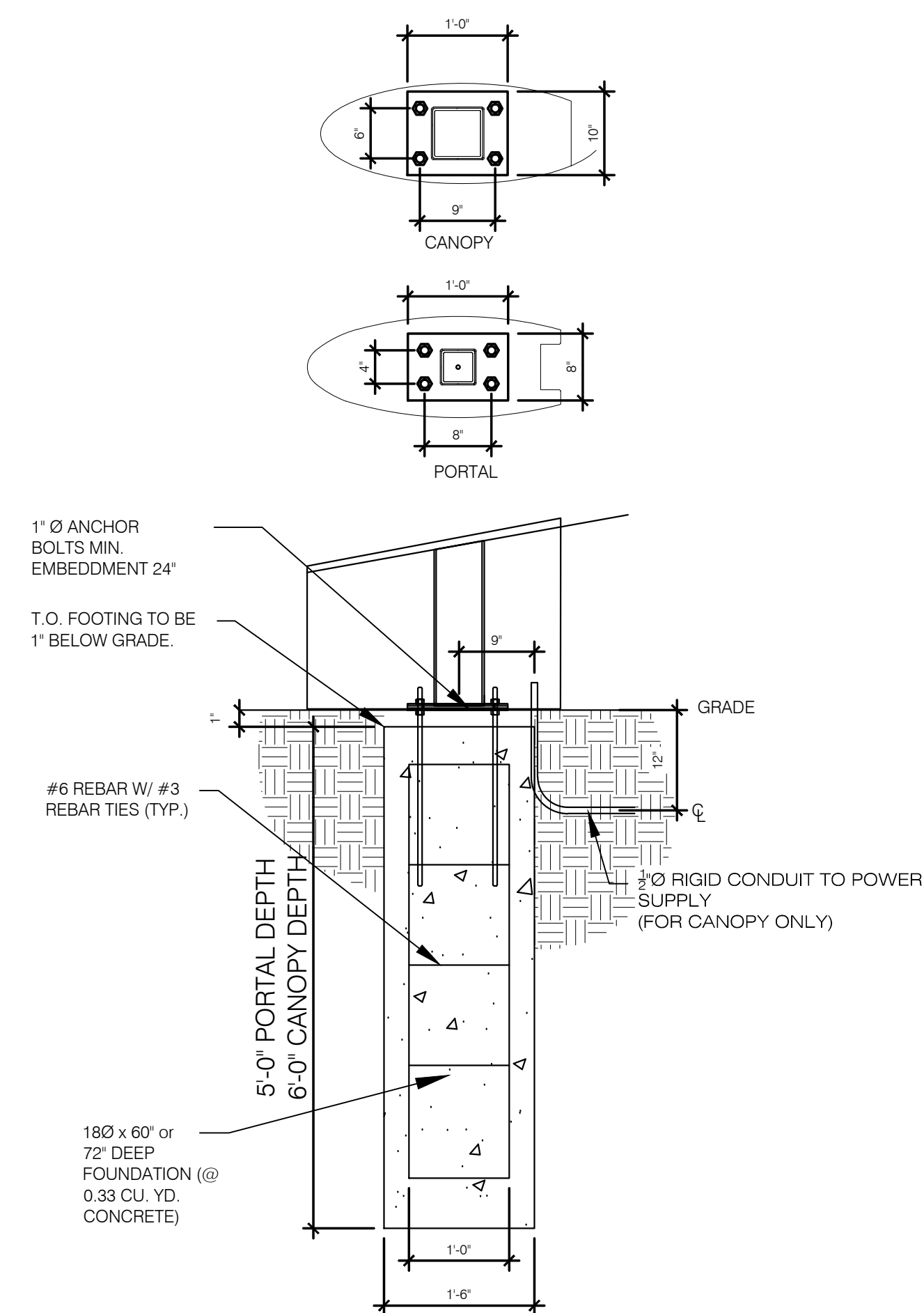
- NOTES**
- IF EXISTING OCB LOCATION IS TO BE REUSED, CENTERLINE OF OCB FOOTING CAN BE BETWEEN 1'-10" AND 2'-10" FROM THE FACE OF CURB.
 - CENTERLINE OF CANOPY FOOTING MUST BE WITHIN 18" OF FACE OF CURB.
 - ALL AREAS OF THE MB MUST BE VISIBLE TO DRIVER LOCATED AT OCB. ASSUME DRIVERS LOCATION IS 24" FROM FACE OF CURB, CENTERED ON OCB.
 - CENTER OF MB TO BE 9'-0" TO 12'-0" FROM DRIVERS POINT OF VIEW.



ENLARGED MENU BOARD DETAIL 1:16 SCALE **16**



LIGHT POLE FOOTING N.T.S. **12**



EVOLUTION FOOTINGS 1:16 SCALE **2**

ECP-Footing

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL

US Route 220
 Township of Bedford, PA



LIVE MAS

LARGE50

SITE DETAILS

SD2.0

PERMIT PLOT DATE:



01.04.16
Trav C. Sweatman

OWNER'S COMMENTS	DATE
	01.04.16

CONTRACT DATE: 04.14.16
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV 0
 SITE NUMBER:
 STORE NUMBER:

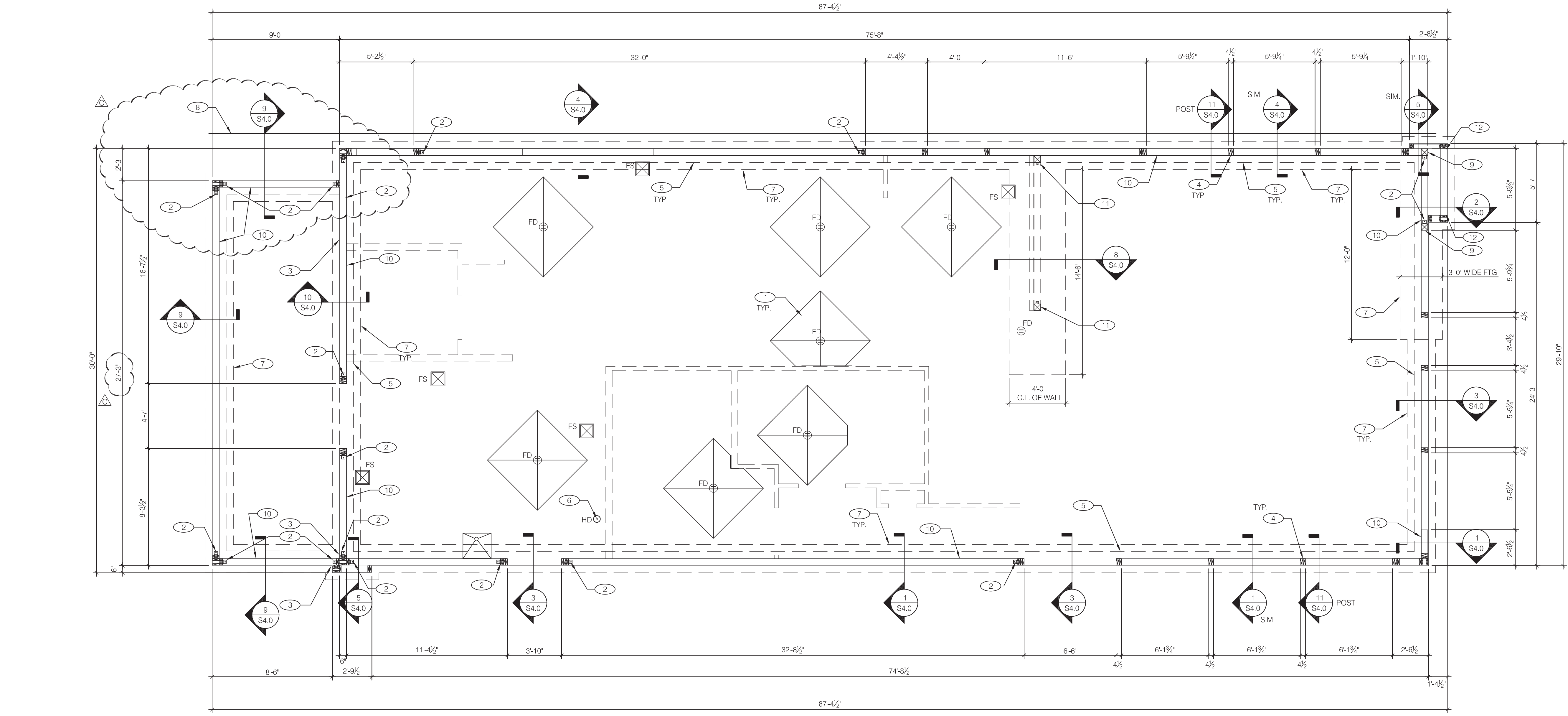
TACO BELL
 US Route 220
 Township of Bedford, PA



FOUNDATION PLAN

S1.0

PERMIT PLOT DATE: 01.04.16



DIMENSIONS THIS SHEET TO EDGE OF CONCRETE

DESIGN CRITERIA		SEISMIC LOADS:	
2009 PENNSYLVANIA UNIFORM CONSTRUCTION CODE		SEISMIC USE GROUP:	1
ROOF SNOW LOADS:		SEISMIC IMPORTANCE FACTOR:	1.0
GROUND SNOW LOAD (Pg):	25 PSF	SITE CLASS:	C
EXPOSURE FACTOR (Ce):	1.0	MAPPED SPECTRAL RESPONSE ACCEL:	Ss: 0.1526
IMPORTANCE FACTOR (I):	1.0	S1: 0.0508	
FLAT-ROOF SNOW LOAD (Pf):	20 PSF + DRIFT	SPECTRAL RESPONSE COEFF.:	0.122
THERMAL FACTOR (Ct):	1.0	SHORT PERIODS (SDS):	0.058
ROOF LOADS:		FRAMING SYSTEMS:	
LIVE LOAD:	20 PSF	BASIC STRUCTURAL SYSTEM: LOAD BEARING WALL SYSTEM	
DEAD LOAD:	20 PSF	SEISMIC-RESTRICTING SYSTEM: WOOD SHEAR WALLS	
WIND LOADS:		RESPONSE MOD. FACTOR (R):	6.5
3 SECOND GUST:	90 MPH	DEFL. AMPL. FACTOR (Cd):	4.0
IMPORTANCE FACTOR:	1.0	DESIGN BASE SHEAR (V):	0.019W
EXPOSURE CATEGORY (MWFRS):	B	ANALYSIS BY EQUIVALENT LATERAL FORCE PROCEDURE	
INTERNAL PRESSURE COEFF.:	±0.18		
COMPONENT & CLADDING DESIGN PRESSURE:	24.4 PSF		
DESIGN UPLIFT (NET):	10.0 PSF		

- FOUNDATION**
- FOUNDATION DESIGN IS BASED UPON THE GEOTECHNICAL ENGINEERING REPORT ENTITLED PROPOSED TACO BELL RESTAURANT BY TERRACON CONSULTANTS, INC. DATED JUNE 22, 2015. PROJECT NO. M6155931, TASK 2.
 - CONTRACTOR TO PROVIDE FOUNDATION & FOOTING AS REQUIRED FOR PYLON OR MONUMENTAL SIGN. SEE ELECTRICAL DRAWINGS FOR DETAIL.
 - COORDINATE STRUCTURAL PLANS AND DETAILS WITH REQUIREMENTS OF GEOTECHNICAL REPORT. FOUNDATION DESIGN IS BASED ON 3,000 PSF ALLOWABLE BEARING CAPACITY.
 - CONTRACTOR SHALL TREAT SOIL BELOW SLAB FOR TERMITES.
 - REFER TO THE GEOTECHNICAL REPORT FOR GENERAL REQUIREMENTS OF EARTHWORK, OVEREXCAVATION, SUBGRADE PREPARATION, FILL AND COMPACTION, WATERPROOFING AND OTHER PERTINENT REQUIREMENTS AND INFORMATION.
 - PROTECT PIPES AND CONDUITS RUNNING THROUGH WALLS AND SLABS WITH 1/2 INCH EXPANSION MATERIAL. LOWER CONTINUOUS FOOTINGS AND GRADE BEAMS PERPENDICULAR TO PIPE RUNS TO ALLOW PIPES TO PASS ABOVE THE FOOTINGS OR THROUGH THE GRADE BEAMS. ALTERNATIVELY, PROVIDE A CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW THE FOOTINGS AND GRADE BEAMS. LOWER FOOTINGS AND GRADE BEAMS PARALLEL TO PIPE RUNS TO AVOID SURCHARGE ONTO ADJACENT TRENCH EXCAVATIONS.
 - MAINTAIN SUBGRADE AND FILL MOISTURE CONTENT UNTIL FOUNDATIONS ARE PLACED.
 - ARRANGE FOR OWNER'S INDEPENDENT TESTING AGENCY TO MONITOR CUT AND FILL OPERATIONS AND PERFORM FIELD DENSITY AND MOISTURE CONTENT TESTS TO VERIFY COMPACTION AND APPROVE FOOTING SUBGRADES PRIOR TO PLACING CONCRETE.
 - DO NOT PLACE FOOTINGS OR SLABS AGAINST SUBGRADE CONTAINING FREE WATER, FROST, OR ICE.
 - MAINTAIN PROPER SITE DRAINAGE DURING CONSTRUCTION TO ENSURE SURFACE RUNOFF AWAY FROM STRUCTURES AND TO PREVENT PONDING OF SURFACE RUNOFF NEAR THE STRUCTURES.
- SUBGRADE PAD PREPARATION RECOMMENDATIONS**
- THESE SUMMARY RECOMMENDATIONS ARE PROVIDED FROM THE GEOTECHNICAL INVESTIGATION, UNLESS SPECIFICALLY INDICATED OTHERWISE IN THE DRAWINGS. THE LIMITS OF THIS SUBSURFACE PREPARATION ARE CONSIDERED TO BE THAT PORTION OF THE SITE DIRECTLY BENEATH THE BUILDING AND TEN FEET BEYOND, INCLUDING TO AND INCLUDING ALL AREAS AS SHOWN ON SHEET S1.0. THE VAPOR BARRIER, WHERE REQUIRED, DOES NOT EXTEND BEYOND THE LIMITS OF THE ACTUAL BUILDING.

- ALL VEGETATION, CONCRETE, STUMPS, BRUSH, ABANDONED STRUCTURES, ROOTS, RUBBISH, AND ANY OTHER UNDESIRABLE MATTER SHOULD BE REMOVED AND STRIPPED TO A DEPTH OF 6 INCHES.
- THE EXPOSED SUBGRADE SHOULD BE PROOF-ROLLED TO LOCATE ANY SOFT OR LOOSE AREAS IN ACCORDANCE WITH ITEM 216 OF TxDOT SPECIFICATIONS. SOILS THAT ARE OBSERVED TO RUT OR DEFLECT UNDER THE MOVING LOAD SHOULD BE UNDERCUT. THE PROOF ROLLING AND UNDERCUTTING ACTIVITIES SHOULD BE WITNESSED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER.
- AFTER SUBGRADE PREPARATION IS COMPLETE, THE PLACEMENT OF STRUCTURAL FILL MAY BEGIN. THE STRUCTURAL FILL MATERIALS SHOULD BE FREE OF ORGANICS OR OTHER DELETERIOUS MATERIALS AND SHOULD HAVE A MAXIMUM PARTICLE LESS THAN 3 INCHES. THE STRUCTURAL FILL MATERIAL SHOULD HAVE A LIQUID LIMIT LESS THAN 50 AND A PLASTICITY INDEX LESS THAN 30. THE FILL SHOULD BE PLACED IN COMPACTION CONTROLLED 8 INCH HORIZONTAL LIFTS AND SHOULD BE COMPACTED WITHIN THE RANGE OF -2 TO +2 PERCENTAGE POINTS ABOVE THE OPTIMUM MOISTURE CONTENT VALUE, AND COMPACTED TO AT LEAST 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-698. EACH LIFT OF STRUCTURAL FILL SHOULD BE TESTED BY A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER.
- THE EXPOSED SUBGRADE SHALL BE PROTECTED AGAINST EXCESSIVE DRYING OR EXPOSURE TO MOISTURE. THE SITE SHALL BE GRADED TO PREVENT PONDING OF WATER WITHIN EXCAVATED AREAS. ACCUMULATED WATER SHALL BE REMOVED IMMEDIATELY. EXCAVATIONS FOR FOUNDATIONS SHOULD BE FILLED WITH CONCRETE BEFORE THE END OF THE WORKDAY OR SOONER IF NECESSARY TO PREVENT DETERIORATION OF THE BEARING SURFACE. IF DELAYS OCCUR, THE EXCAVATION SHOULD BE DEEPENED AS NECESSARY AND CLEANED. IN ORDER TO PROVIDE A FRESH BEARING SURFACE, IF MORE THAN 24 HOURS OF EXPOSURE OF THE BEARING SURFACE IS ANTICIPATED IN THE EXCAVATIONS, A MUD SLAB SHOULD BE USED TO PROTECT THE BEARING SURFACES. IF A MUD SLAB IS USED, THE FOUNDATION EXCAVATIONS SHOULD INITIALLY BE OVER-EXCAVATED BY APPROXIMATELY 4 INCHES AND A LEAN CONCRETE MUD SLAB OF APPROXIMATELY 4 INCHES IN THICKNESS IS PLACED IN THE BOTTOM OF THE EXCAVATIONS IMMEDIATELY FOLLOWING EXPOSURE OF THE BEARING SURFACE.
- THIS PAD PREPARATION DOES NOT CONSTITUTE A COMPLETE SITE WORK SPECIFICATION. REFER TO THE GEOTECHNICAL REPORT FOR SPECIFIC INFORMATION NOT COVERED IN THIS PREPARATION.

CONCRETE:

A. CONCRETE SHALL BE HARD ROCK CONC. (5 SACK CEMENT PER CU.YD. MIN.) AND MEET THE FOLLOWING MIN. ULTIMATE COMPRESSIVE STRENGTHS AT 28 DAYS:

LOCATION	28 DAYS PSI (4,000 DESIGN)	MIN. STRENGTH	AGGREGATE	SLUMP	TOLERANCE
SLAB ON GRADE	4,000	1" x #4	3-1/2"	±1/2"	
FOUNDATIONS	(3,000 DESIGN)	1" x #4	3-1/2"	±1/2"	

B. CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT TYPE.

C. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.

D. CONCRETE CURING SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF ACH-318-95 SECTION 5.11 AND STANDARD PRACTICE FOR CURING CONCRETE REPORTED BY COMMITTEE 308.

E. ANCHOR BOLTS - A36 OR A307, USE 5/8" DIAMETER x 12" ANCHOR BOLTS (A.B.) AT 72" O.C. U.O.N. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONC.

SLAB:

A. DESIGN IS BASED UPON 4" THICK CONCRETE SLAB REINFORCED W/ WWF 6x6-W1.4x1.4 OR #4 BARS @ 18" O.C. EA. WAY, OVER 15 MIL STEGO WRAP VAPOR BARRIER, OVER 6" AGGREGATE BASE, OVER ENGINEERED SUBGRADE. MODIFY AS REQUIRED TO COMPLY WITH REQUIREMENTS OF SOILS REPORT.

MISCELLANEOUS:

A. DIMENSIONS NOTED ARE TO FACE OF CONCRETE. REFER TO DWG. A1.0 FOR DIMENSIONS TO FACE OF STUD AND OTHER DIMENSIONS NOT OTHERWISE NOTED.

B. DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.

C. DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.

D. SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.O.N.

E. SEE ELEC. DWGS. FOR ELEC. LAYOUT DIMENSIONS, U.O.N.

F. COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

- SLAB SHALL BE PITCHED 1/2" FOR 5'-0" x 5'-0" SQUARE AT ALL FLOOR DRAINS U.O.N. REFER TO PLUMBING DRAWINGS FOR LOCATIONS.
- SHEARWALL HOLDDOWN. REFER TO D/S2.0 FOR SIZE & SEE DETAILS 19 & 20/S4.1. FOR ANCHOR BOLT, SEE D/S2.0. AND DETAIL 6/S4.0.
- CONTINUE SHEAR WALL SHEATHING PAST INTERSECTING WALL WITHOUT INTERRUPTION.
- 3-2x6 WINDOW POST SEE DET. 11/S4.0.
- INDICATES INSIDE SURFACE OF GRADE BEAM. SEE SHEET S4.0.
- PROVIDE HUB DRAIN (HD) UNLESS REQUIRED BY LOCAL CODE TO HAVE FLOOR SINK (FS)
- INDICATES INSIDE SURFACE OF FOOTING. SEE SHEET S4.0.
- LINE OF DRIVE-THRU CURB. SEE CIVIL DRAWINGS.
- 6x6 POST AT HDU14 HOLDDOWN.
- 6" WIDE x 6" HIGH CURB.
- HD19 HOLDDOWN ANCHOR AT EACH END OF INTERIOR SHEARWALL. SEE DETAIL 7/S4.0 FOR HOLDDOWN EMBEDMENT DETAIL.
- HTTS HOLDDOWN ANCHOR. SEE 6/S4.0 FOR HOLDDOWN EMBEDMENT DETAIL.

DESIGN CRITERIA

FOUNDATION

FOUNDATION PLAN NOTES

KEY NOTES

DESIGN CRITERIA

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01.04.16
Trav C. Sweat

OWNER COMMENTS	DATE
	01.04.16

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV O
 SITE NUMBER:
 STORE NUMBER:

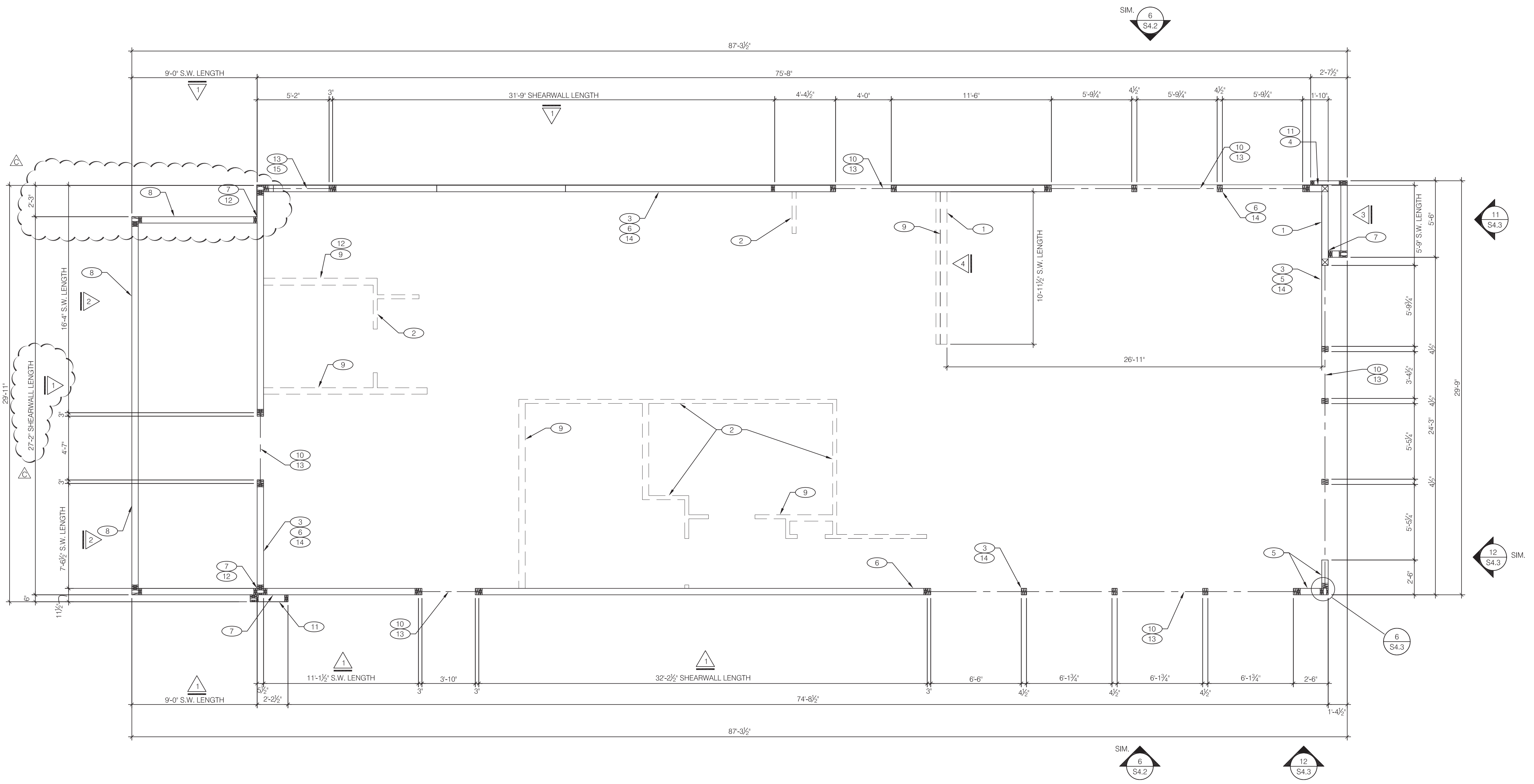
TACO BELL
 US Route 220
 Township of Bedford, PA



WALL FRAMING PLAN

S2.0

PERMIT PLOT DATE: 01.04.16



DIMENSIONS THIS SHEET TO EDGE OF FRAMING

WALL FRAMING PLAN 1/4"=1'-0" **A**

SW	SHEATHING	EDGE	FIELD	HOLDOWN	SILL PLATE ANCHOR BOLT	REMARKS
1	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 6" O.C.	HDU4	5/8" DIA. A307 (24x3) @ 48" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
2	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 6" O.C.	HDU8	5/8" DIA. A307 (24x3) @ 24" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
3	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 3" O.C.	10d @ 12" O.C.	HDU14	5/8" DIA. F1554 (24) @ 16" O.C. W/ WASHER	PLYWOOD ON EXTERIOR FACE OF STUDS
4	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 4" O.C.	10d @ 12" O.C.	HD19	5/8" DIA. F1554 (18) @ 8" O.C. W/ WASHER	PLYWOOD ON BOTH FACES OF STUDS
5	1/2" CDX PLYWD (32/16), PS1 RATING	10d @ 6" O.C.	10d @ 12" O.C.	N/A	5/8" DIA. A307 (24x3) @ 48" O.C. W/ WASHER	NAILING @ HEADERS PER 12/S4.1

- *** REQUIREMENTS FOR EXTERIOR NON-SHEARWALL WALLS
- OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
 - BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.O.N. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS AND 8d NAILING IS 2" O.C. OR LESS.
 - ALL PLYWOOD NAILS SHALL BE COMMON WIRE. SEE SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.
 - EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL MEET REQUIREMENTS INDICATED FOR NON-SHEARWALL WALLS IN THE SCHEDULE ABOVE.
 - SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLD-DOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS.
 - HDU REFERS TO SIMPSON STRONGTIE CO. HOLD-DOWNS. INSTALL PER 6/S4.0. POST WIDTH SHALL MATCH STUD WALL WIDTH. SEE FOUNDATION PLAN FOR OTHER REGS.
 - EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLD-DOWNS.
 - WHERE PANELS ARE APPLIED TO BOTH FACES OF A WALL AND NAIL SPACING IS LESS THAN 6" O.C. ON EITHER SIDE, PANEL JOINTS SHALL BE OFFSET TO WALL ON DIFFERENT FRAMING MEMBERS OR FRAMING SHALL BE 3x OR THICKER AND NAILS ON EACH SIDE SHALL BE STAGGERED.

- A. EXTERIOR WALL NON-BEARING & BEARING STUDS SHALL BE NO. 1 SPRUCE-PINE-FIR. INTERIOR WALL STUDS MAY BE STUD GRADE. REFER TO 8/S4.1.
- B. ALL BEAMS AND JOISTS SHALL BE SEAT CUT FOR FULL UNIFORM BEARING AT SUPPORTS, BEAM SEATS AND COLUMN CAPS.
- C. SEE SHEET A1.0 FOR DIMENSIONS.
- D. EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.O.N.
- E. ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESERVATIVE TREATED.
- F. ALL BOLTED OR NAILED STRAP CONNECTIONS SHALL HAVE AN EQUAL NUMBER OF BOLTS OR NAILS EACH SIDE OF THE SPLICE JOINT. THE FIRST BOLT OR NAIL FROM EACH SIDE OF THE SPLICED OR TREATED MEMBER SHALL BE EQUAL DISTANCE FROM THE SPLICE. STRAPS USING 16d NAILS ON 2x MATERIAL SHALL BE INSTALLED ON THE 1-1/2" EDGE OF THE MEMBER.
- G. THE CONTRACTOR SHALL VERIFY THAT THE MOISTURE CONTENT OF ALL FRAMING LUMBER AND PLYWOOD MEET THE REQUIREMENTS OF THE SPECS. AT THE TIME OF INSTALLATION AND AT CLOSE-IN.
- H. USE PRESSURE TREATED LUMBER AT WINDOW JAMBS, SILL AND STUDS UNDER SILL AS WELL AS ALL TOILET PLUMBING WALLS.
- STUD LAYOUT:**
- A. LAYOUT STUDS ON SIDEWALLS (LONG WALLS) STARTING AT REAR OF BUILDING TOWARDS FRONT.
- B. LAYOUT STUDS ON ENDWALLS (SHORT WALLS) STARTING AT EACH END AND WORKING TOWARDS CENTER.

- 3x6 STUDS AT 16" O.C. FOR SHEAR WALL TYPES 3 & 4.
- INTERIOR NON-BEARING STUD WALL FRAMING; REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 13 & 14/S4.1 AND WALL FRAMING NOTES.
- (2) 2x6 TOP PLATES - SPLICE PER 15/S4.1. U.O.N.
- TOP OF PLATE ELEVATION 22'-1" AT PARAPET.
- TOP OF PLATE ELEVATION 20'-10 1/2" AT PARAPET.
- TOP OF PLATE ELEVATION 18'-10" AT PARAPET.
- EXTERIOR SHEATHING SHALL NOT BE INTERRUPTED WITH TOWER FRAMING - TYPICAL.
- TOP OF PLATE ELEVATION = 13'-4".
- COORDINATE WITH PLUMBING ROUGH IN SHEET P4.0. PROVIDE BLOCKING AROUND ALL HORIZONTAL SHEAR WALL PENETRATIONS.
- SEE 6/S4.2 FOR WALL FRAMING AT OPENING.
- SEE DETAIL 1/S4.2 FOR BUILD-OUT ATTACHMENT.
- COORDINATE WITH ELECTRICAL POWER PLAN SHEET E3.0.
- SEE S3.0 FOR HEADER SIZES AND 12/S4.2 FOR TYPICAL HEADER DETAIL.
- CONT. SILL GASKET BELOW SILL PLATES WITH 5-1/2" WIDE POLYETHYLENES.
- PROVIDE HEADER FOR FUTURE OPENING.

NOT USED N.T.S. **F**

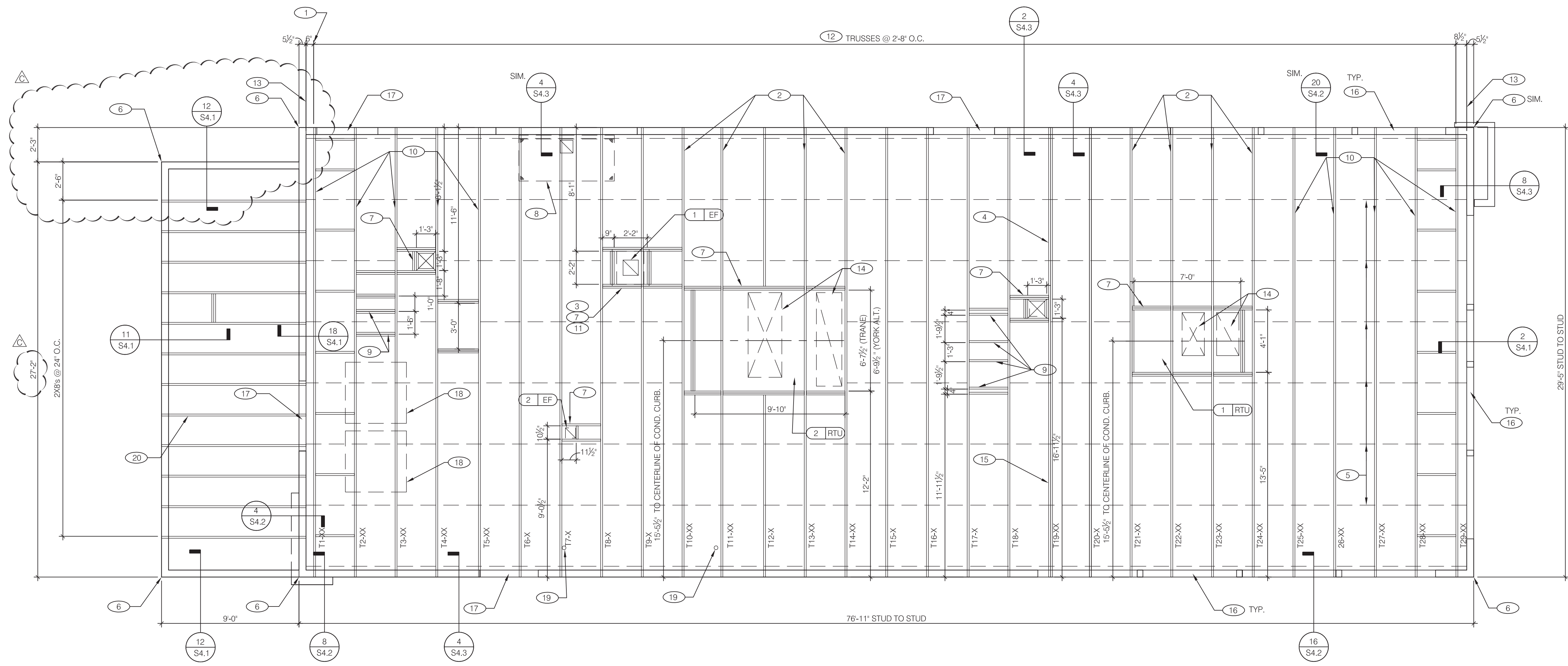
WALL SHEATHING AND SHEARWALL SCHEDULE **D**

FRAMING PLAN NOTES **C**

KEY NOTES **B**



01.04.16
Trav C. Sweatman



EXTREME CARE SHALL BE USED IN ERECTING ROOF TRUSSES - COMPLY WITH TRUSS PLATE INSTITUTE BRACING REQUIREMENTS.

ROOF NOT DESIGNED FOR PONDING. SEE ARCHITECTURAL DRAWINGS FOR DRAIN REQUIREMENTS.

OWNER COMMENTS	DATE
	01.04.16

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV O
 SITE NUMBER:
 STORE NUMBER:

ROOF FRAMING PLAN 1/4"=1'-0" **A**

TYPE	NAILING / SHEATHING	REMARKS
BN	10d @ 6" O.C.	-
EN	10d @ 6" O.C.	-
FN	10d @ 12" O.C.	-
ROOF SHEATHING	5/8" CDX PLYWOOD (40/20), PS1 RATING	-

NOTE:
 SEE 13/S4.2 FOR DEFINITIONS.

NAILING SCHEDULE - ROOF **D**

ROOF FRAMING NOTES:

A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE SUPPORTED WITH SIMPSON PSCl CLIPS, PROVIDE (2) CLIPS EQUALLY SPACED BETWEEN EACH TRUSS/SUPPORT. SEE DETAIL 14/S4.2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.

B. ALL MECHANICAL SUPPLY AND RETURN OPENINGS SHALL BE BETWEEN FRAMING U.O.N.

MANUFACTURED ROOF TRUSS NOTES:

A. MFRD ROOF TRUSSES ARE AT 2'-8" O.C. U.O.N.

B. "T-#" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 19/S4.3.

C. TRUSS DWGS ARE PROVIDED FOR CONCEPTUAL DESIGN ONLY. MFR SHALL SUBMIT SHOP DWGS AND CALCS, BOTH SIGNED BY A LICENSED STRUCTURAL ENGINEER (STATE OF PROJECT). SUBMIT SHOP DWGS AND CALCS TO THE ARCHITECT AND ENGINEER FOR REVIEW AND SUBMITTAL AND, IF REQUIRED, TO BLDG OFFICIAL FOR APPROVAL PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN AND CONNECTORS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. REVIEW AND APPROVE DIMENSIONS, SHAPES AND DETAILS SHOWN ON SHOP DWGS PRIOR TO SUBMITTAL TO THE ARCHITECT / ENGINEER FOR REVIEW AND COMMENT.

D. TRUSS MFR SHALL PROVIDE HANGERS AND CONNECTORS ADEQUATE FOR LOADS. ROOF CONNECTORS ARE BASED UPON SIMPSON "STRONG TIE" OR APPROVED EQUAL.

E. TRUSS CHORDS AND PARAPET VERTICALS SHALL BE 2x6 MIN AND CONSISTENTLY SIZED THROUGHOUT PROJECT.

F. REFER TO TRUSS ELEVATIONS FOR SHAPE, OVERHANG, SLOPES, SPAN, ETC. LOCATION OF BEARING POINTS ARE AS INDICATED ON THE DRAWINGS. SEE 16/S4.3.

G. MFRD ROOF TRUSS DESIGN LOADS: SEE TRUSS DESIGN CRITERIA 18/S4.3.

H. THE POSITIONS, WEIGHTS, AND METHODS OF ATTACHMENT OF ALL MECHANICAL UNITS, ELECT FIXTURES, PLUMBING, ETC. SHALL BE INCLUDED IN THE DESIGN OF THE TRUSSES BY THE TRUSS MFR.

I. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED LOADS, INCLUDING WIND & LATERAL LOADS. COORDINATE SIZE, LOCATION AND WEIGHT OF EQUIPMENT WITH MECHANICAL WORK. PROVIDE MULTIPLE TRUSSES WHERE ONE TRUSS CANNOT SUPPORT THE LOAD. PROVIDE BRIDGING BETWEEN TRUSSES AS SPECIFIED AS MINIMUM STANDARD.

J. INSTALLATION OF ALL TRUSSES SHALL BE DONE USING A SPREADER BAR WITH A THREE POINT VERTICAL PICK. CARE SHALL BE USED IN LIFTING TO PREVENT HORIZONTAL BENDING.

K. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTORS EXPENSE.

L. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.

M. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

ROOF FRAMING NOTES **C**

- 1 STARTING POINT OF TRUSS LAYOUT - REAR EDGE OF TRUSS.
 - 2 VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO POINT LOADING. TYPICAL. SECOND TRUSS (IF REQ'D.) SHALL BE LOCATED ON THE FRONT SIDE OF ILLUSTRATED TRUSS.
 - 3 COORDINATE BLOCKING WITH EXHAUST AND SUPPLY DUCT.
 - 4 INTERIOR SHEAR WALL BELOW. ALIGN KITCHEN SIDE OF WALL WITH SIDE OF TRUSS. SEE DETAIL 9/S4.1. PROVIDE BLOCKING AROUND ALL SHEAR WALL PENETRATIONS.
 - 5 CONT 2x4 WD BRIDGING ON TOP OF BOTTOM CHORD. ADJUST AS REQUIRED FOR DUCT PLENUMS. MAX SPACING AT 48" O.C. OR TIGHTER SPACING AS REQUIRED BY TRUSS DESIGN. SEE 16/S4.1 FOR LAP CONFIGURATION.
 - 6 SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
 - 7 (2) 2x6 BLOCKING W/ U26-2 HANGERS. TYP. ALL ROOF OPENINGS - SEE DETAIL 3/S4.2.
 - 8 LOCATION OF HOOD. SEE SHT. M3.0 HOOD DRAWINGS FOR HOOD. ALSO DETAIL 17/S4.3 FOR ATTACHMENT.
 - 9 2x6 JOIST W/ U26 EACH END FOR LENGTH OF CONDENSER PLATFORM. SEE SHEET A3.0 FOR LOCATION.
 - 10 VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. DUE TO SNOW DRIFT LOADING. TYPICAL. SECOND TRUSS (IF REQ'D.) SHALL BE LOCATED ON THE FRONT SIDE OF ILLUSTRATED TRUSS.
 - 11 EXHAUST DUCT OPENING SIZED FOR "DUCT WRAP". ADJUST ROUGH OPENINGS AS REQUIRED WHERE 1-HR DUCT SHAFT CONSTRUCTION IS REQUIRED BY LOCAL CODE. REFER TO MECH. DWGS.
 - 12 TRUSSES. SEE DTL. 16/S4.3.
 - 13 DIMENSION IS FROM INSIDE FACE OF WALL FRAMING.
 - 14 HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. & MECHANICAL DWGS.
 - 15 DRAG TRUSS AT INTERIOR SHEAR WALL. PROVIDE DOUBLE TRUSS AS REQUIRED. DESIGN DRAG TRUSS FOR 365 PLF ALONG TOP CHORD OF TRUSS (10,000 LBS TOTAL). ATTACH ROOF SHEATHING TO DRAG TRUSS WITH 10d nails @ 4" O.C. ALONG ENTIRE LENGTH OF TRUSS.
 - 16 (3)-1.75x9.25 MICROLAM.
 - 17 (3)-2x8 SPF.
 - 18 PREFERRED LOCATION OF SATELLITE DISH SLED. SEE SCOPE OF WORK.
 - 19 COORDINATE LOCATIONS OF WATER HEATER FLUES WITH MECHANICAL AND PLUMBING DWGS.
 - 20 2x8 JOISTS AT 24" O.C.
- KEY NOTES** **B**

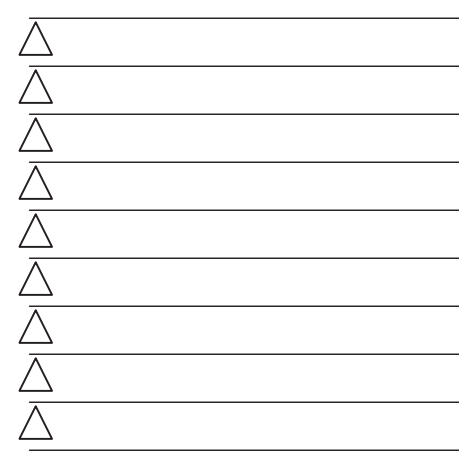
TACO BELL
 US Route 220
 Township of Bedford, PA

LIVE MAS
 LARGE 50
ROOF FRAMING PLAN
S3.0

PERMIT PLOT DATE: 01.04.16



07.30.15
Trav C. Sweat



CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

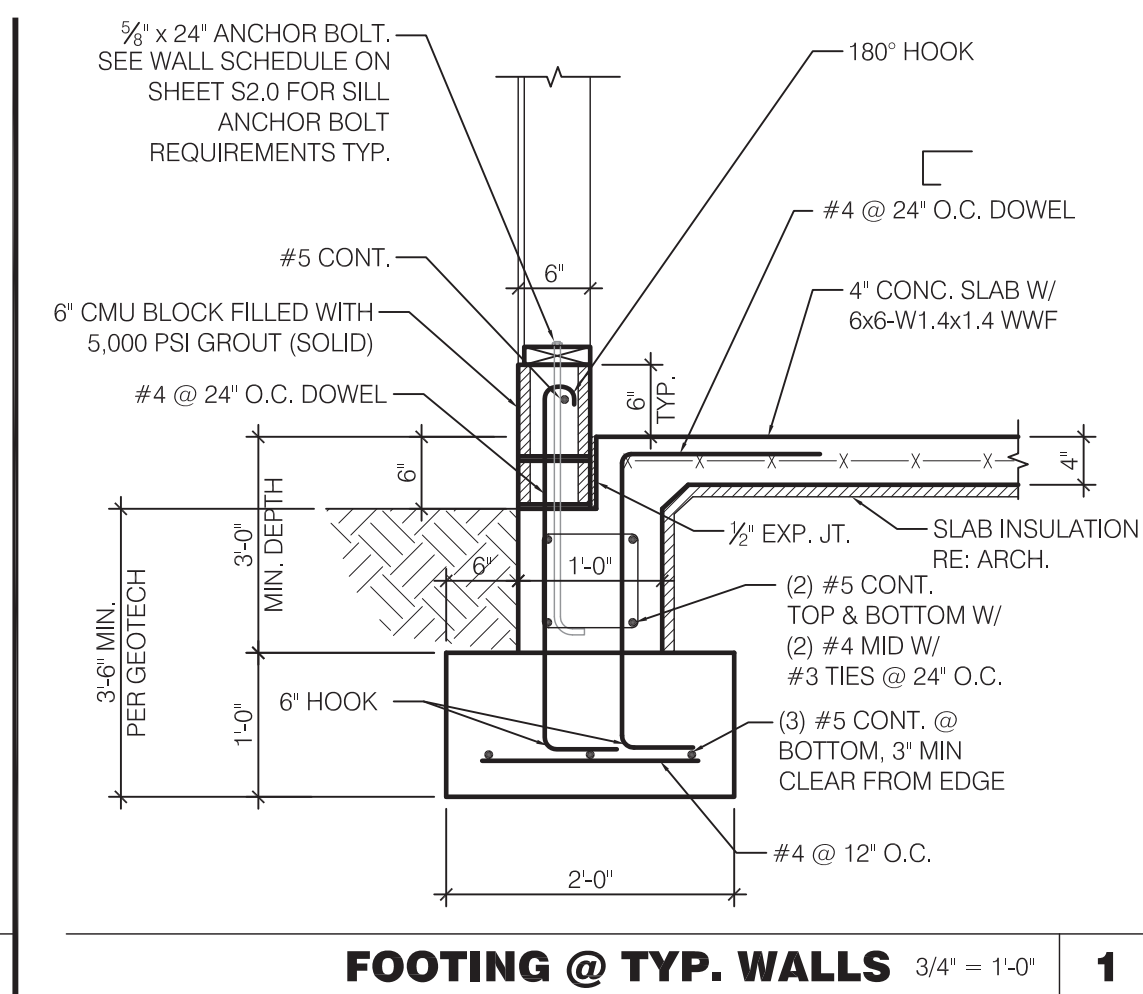
TACO BELL
 US Route 220
 Township of Bedford, PA



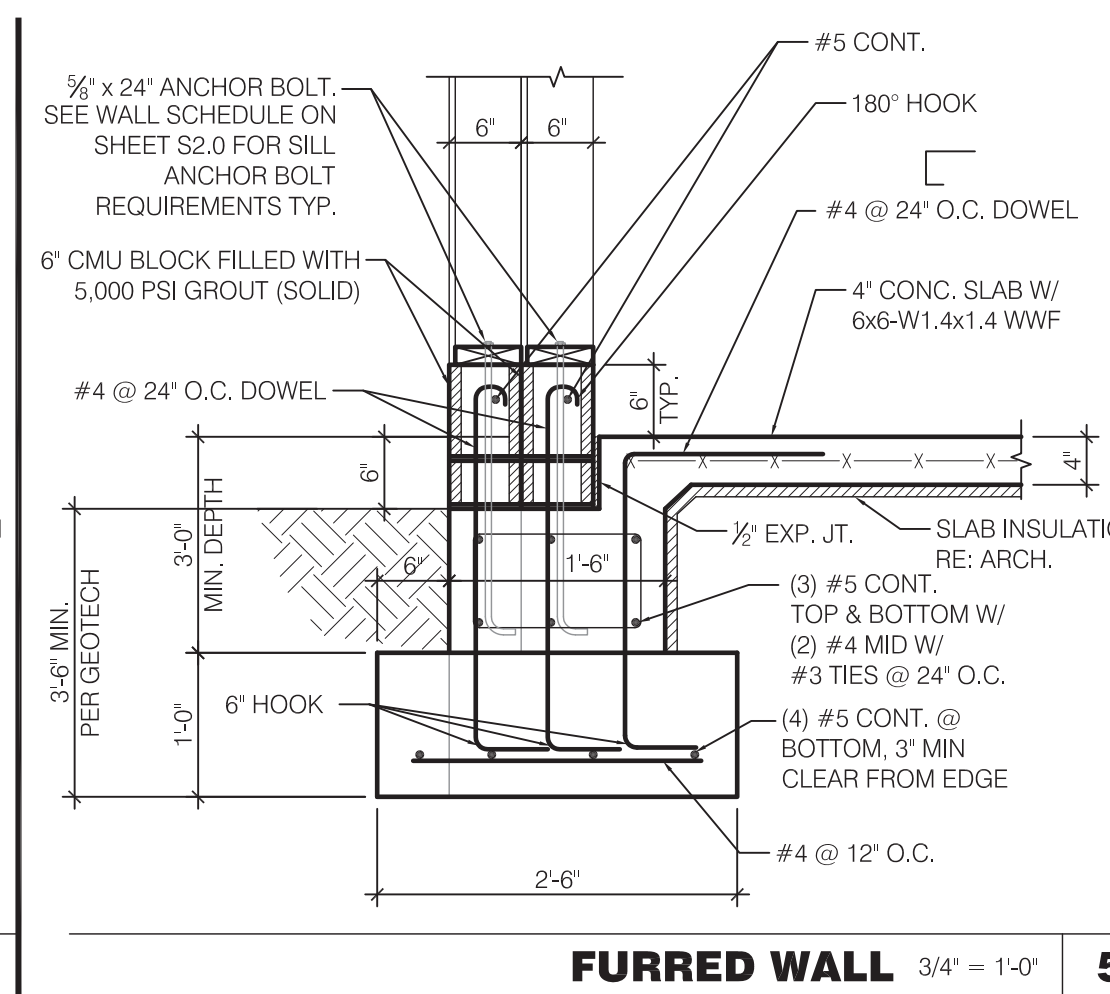
FOUNDATION DETAILS

S4.0

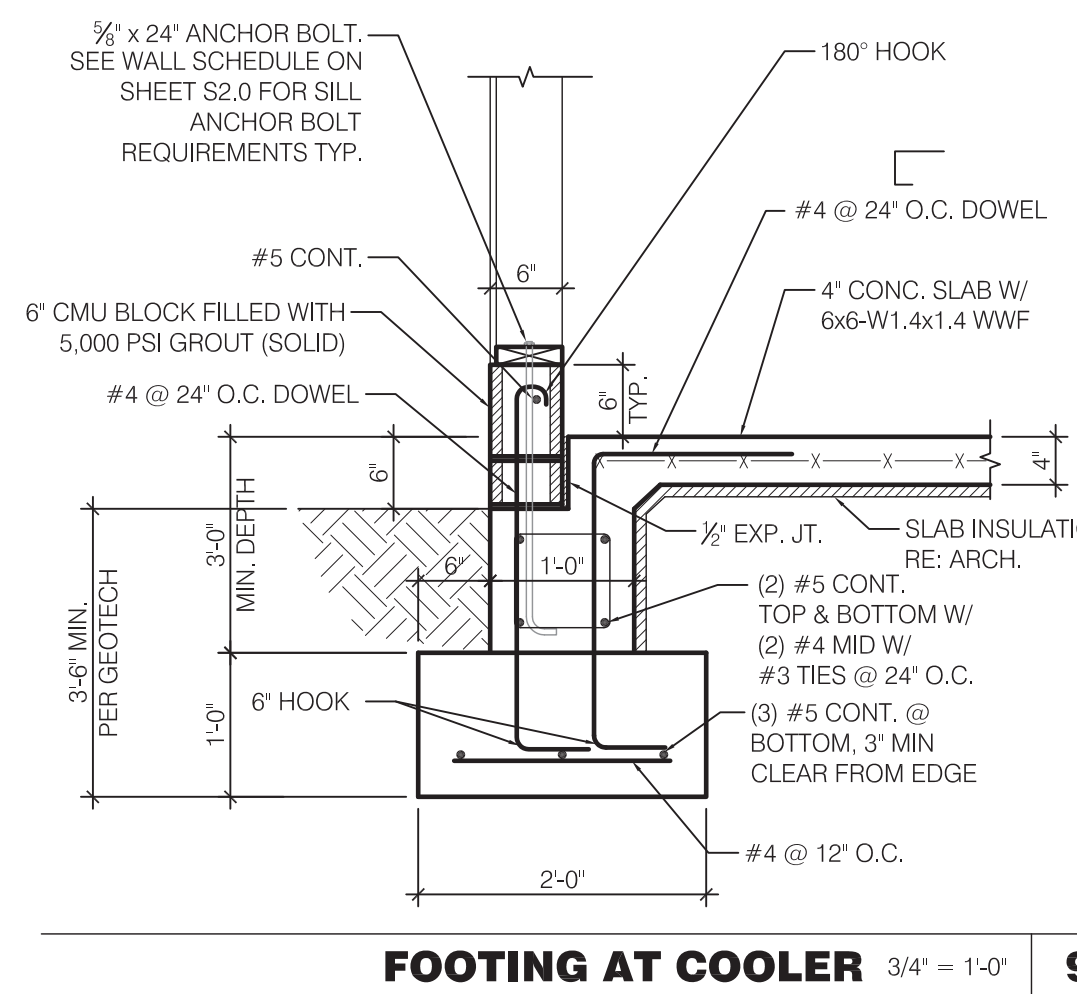
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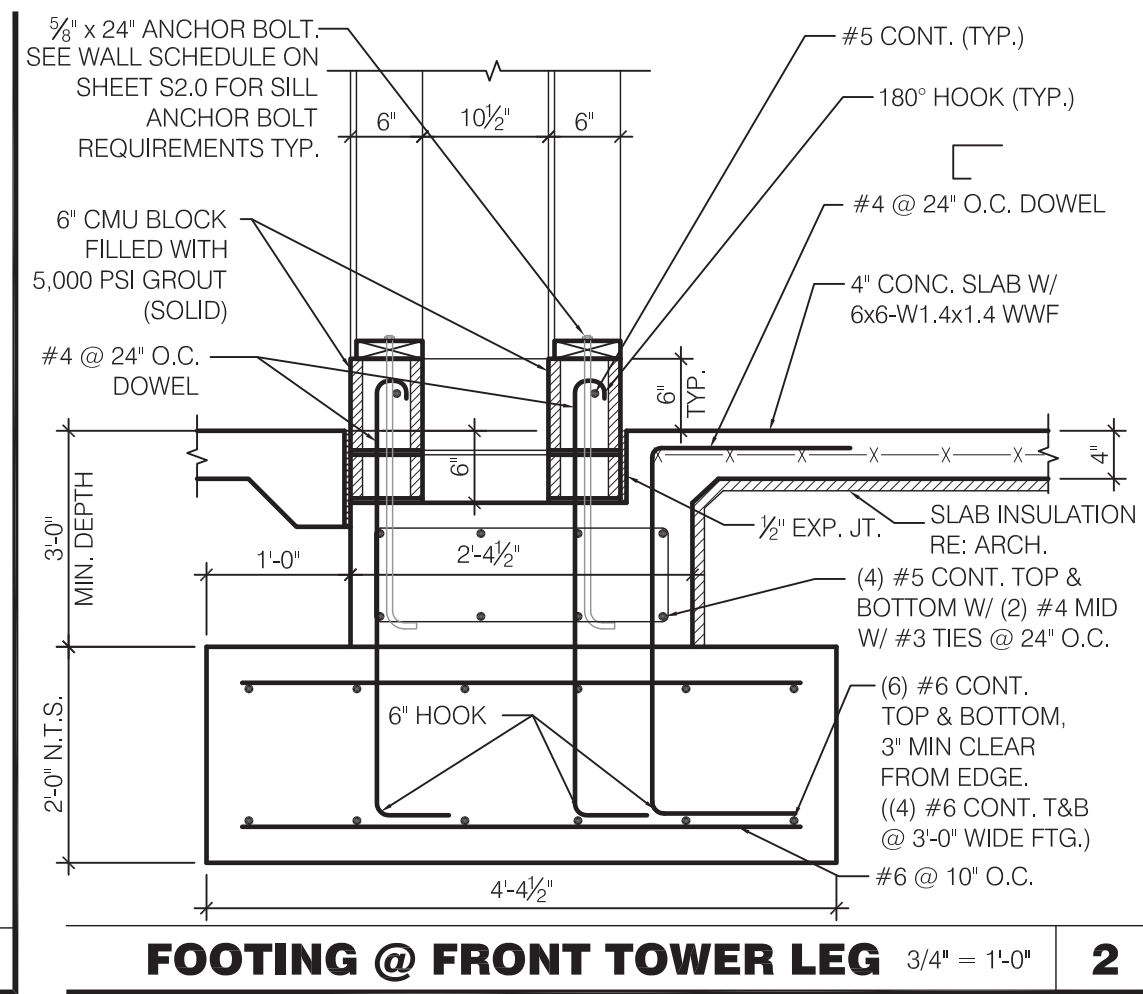
FOOTING @ TYP. WALLS 3/4" = 1'-0" **1**



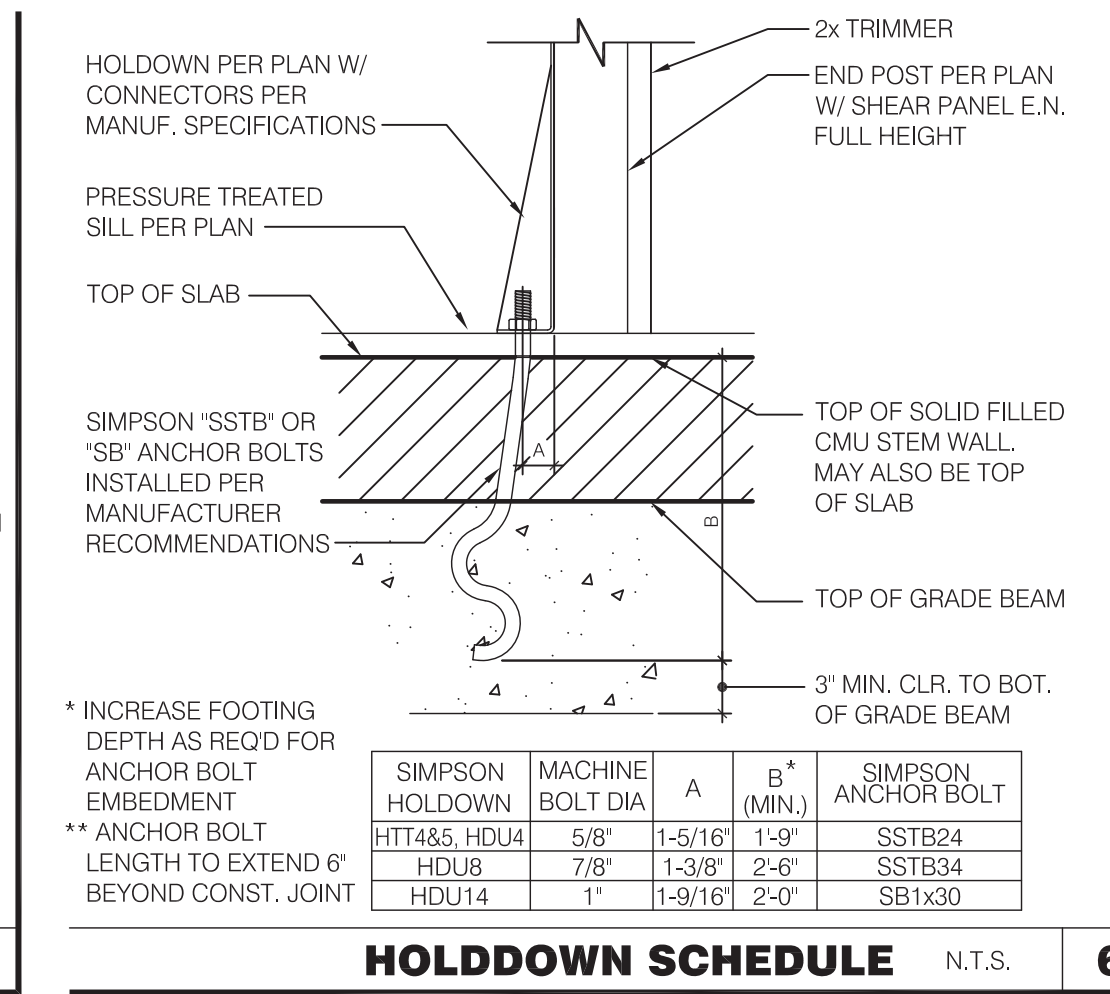
FURRED WALL 3/4" = 1'-0" **5**



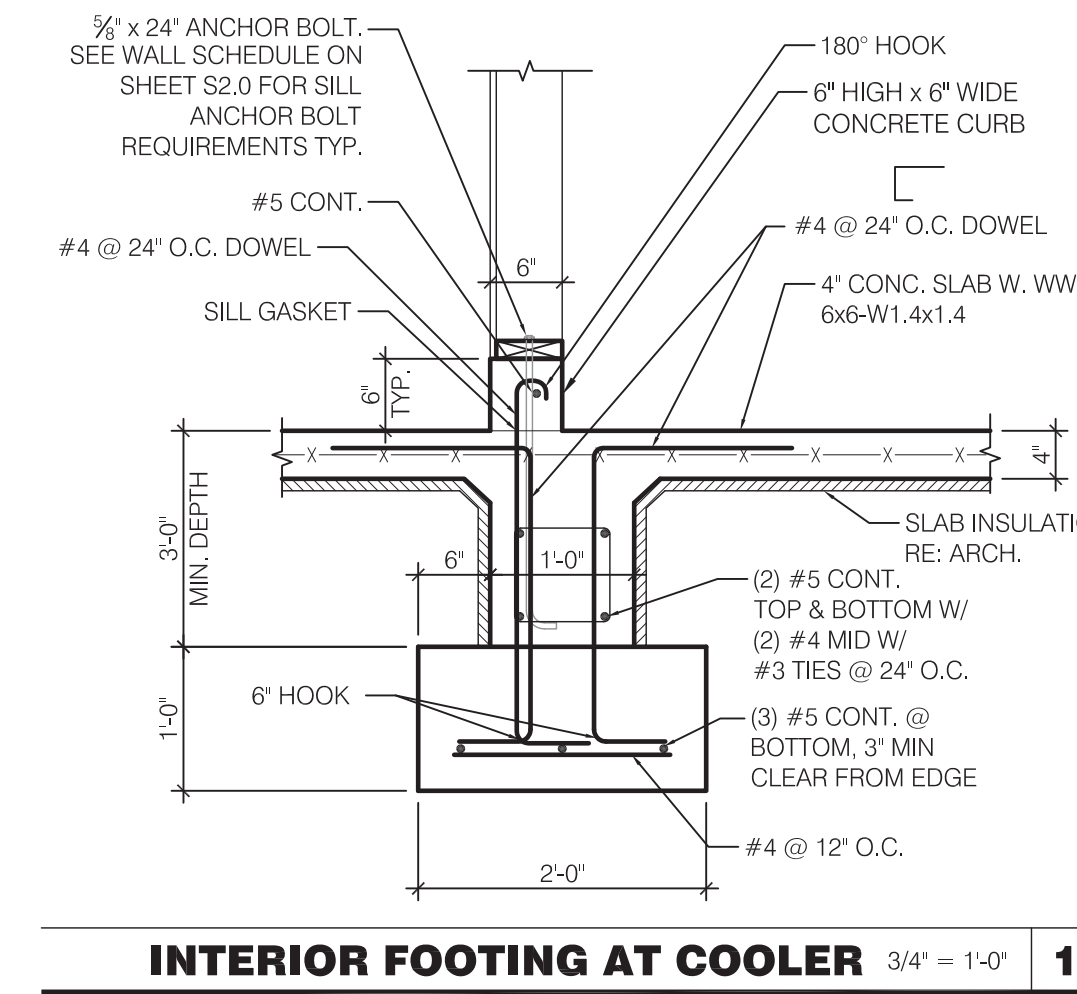
FOOTING AT COOLER 3/4" = 1'-0" **9**



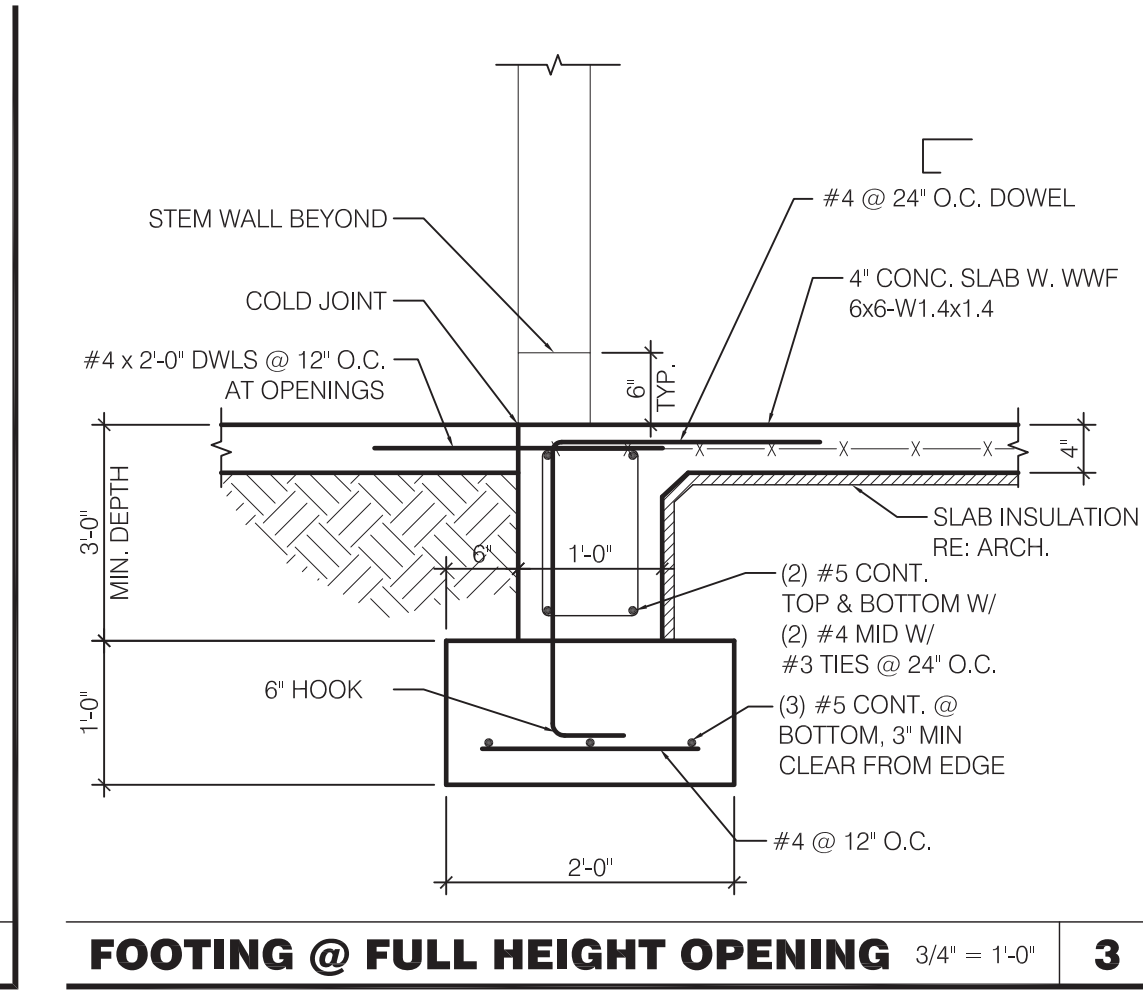
FOOTING @ FRONT TOWER LEG 3/4" = 1'-0" **2**



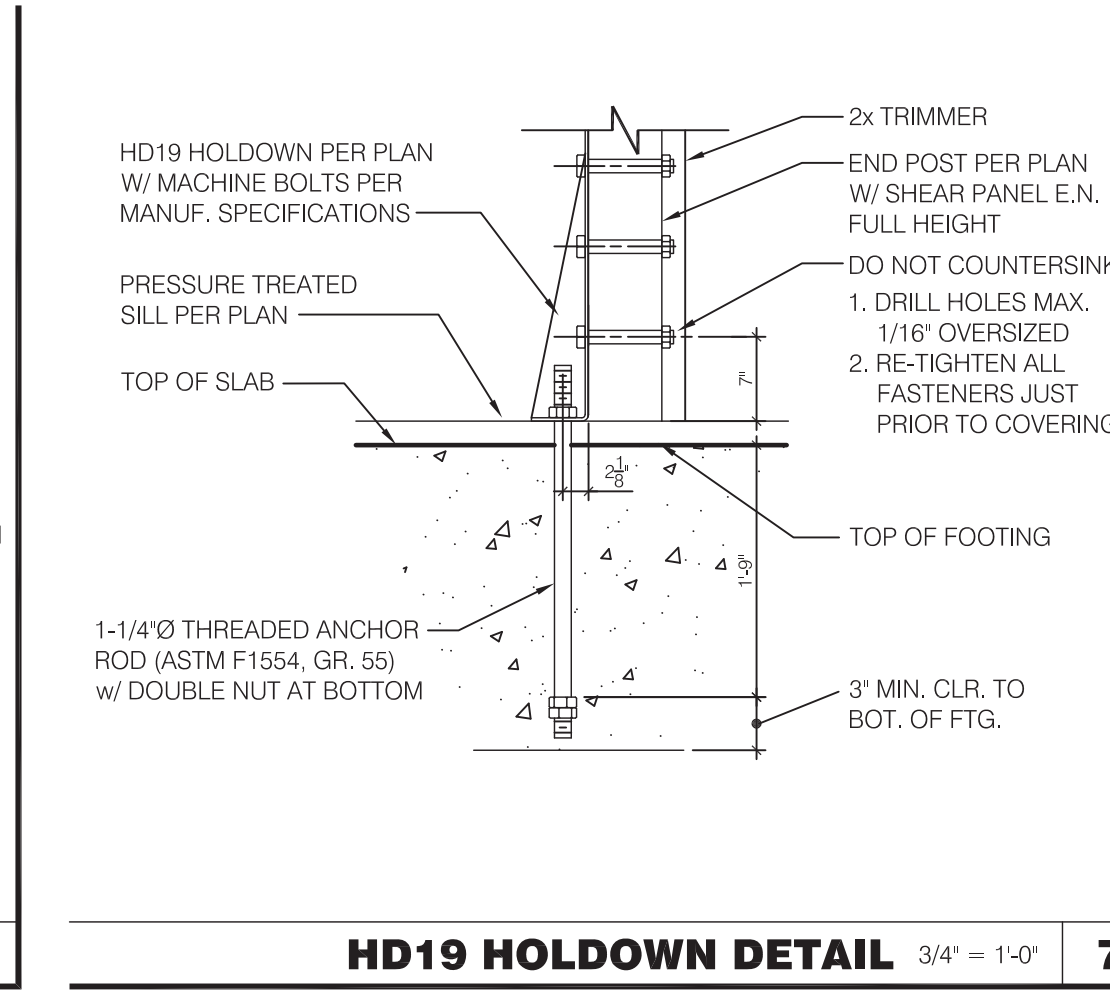
HOLDDOWN SCHEDULE N.T.S. **6**



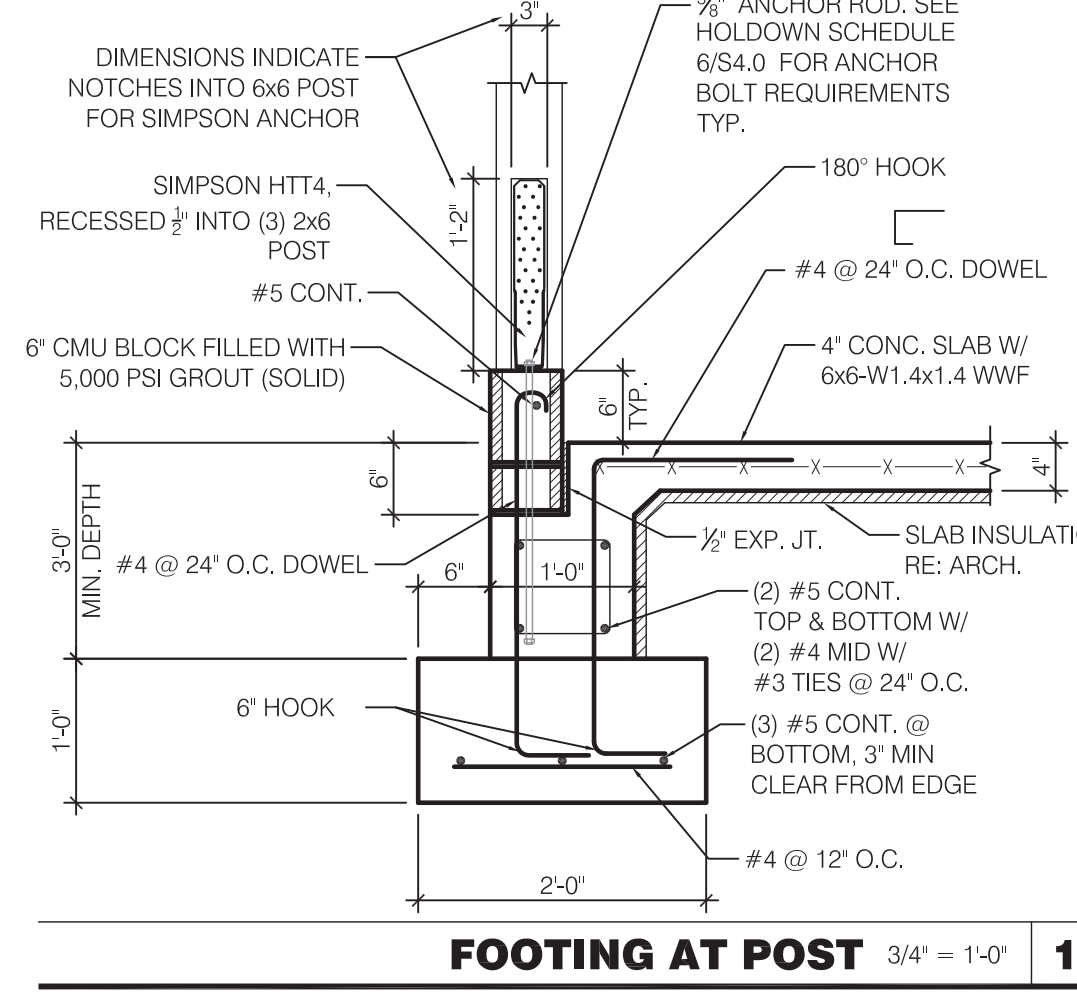
INTERIOR FOOTING AT COOLER 3/4" = 1'-0" **10**



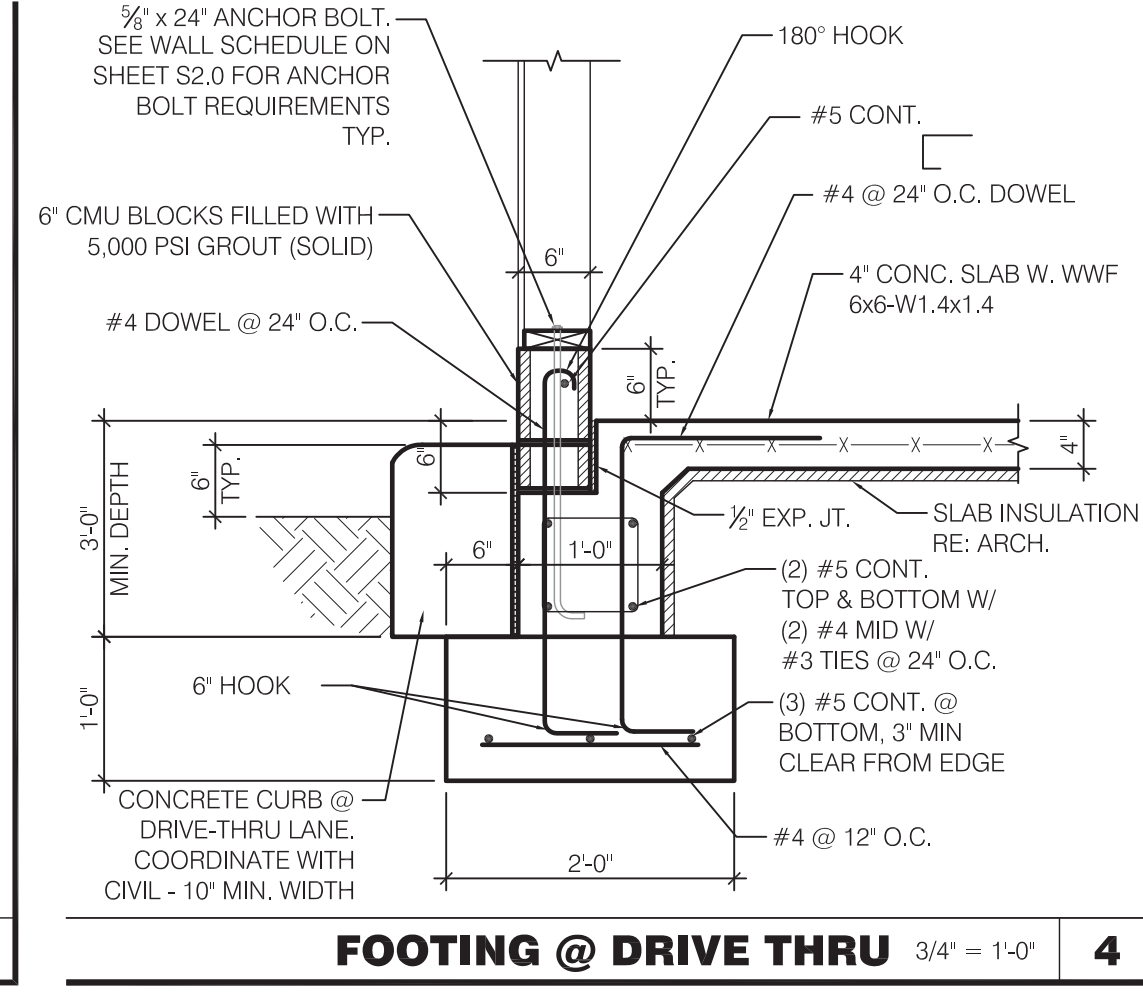
FOOTING @ FULL HEIGHT OPENING 3/4" = 1'-0" **3**



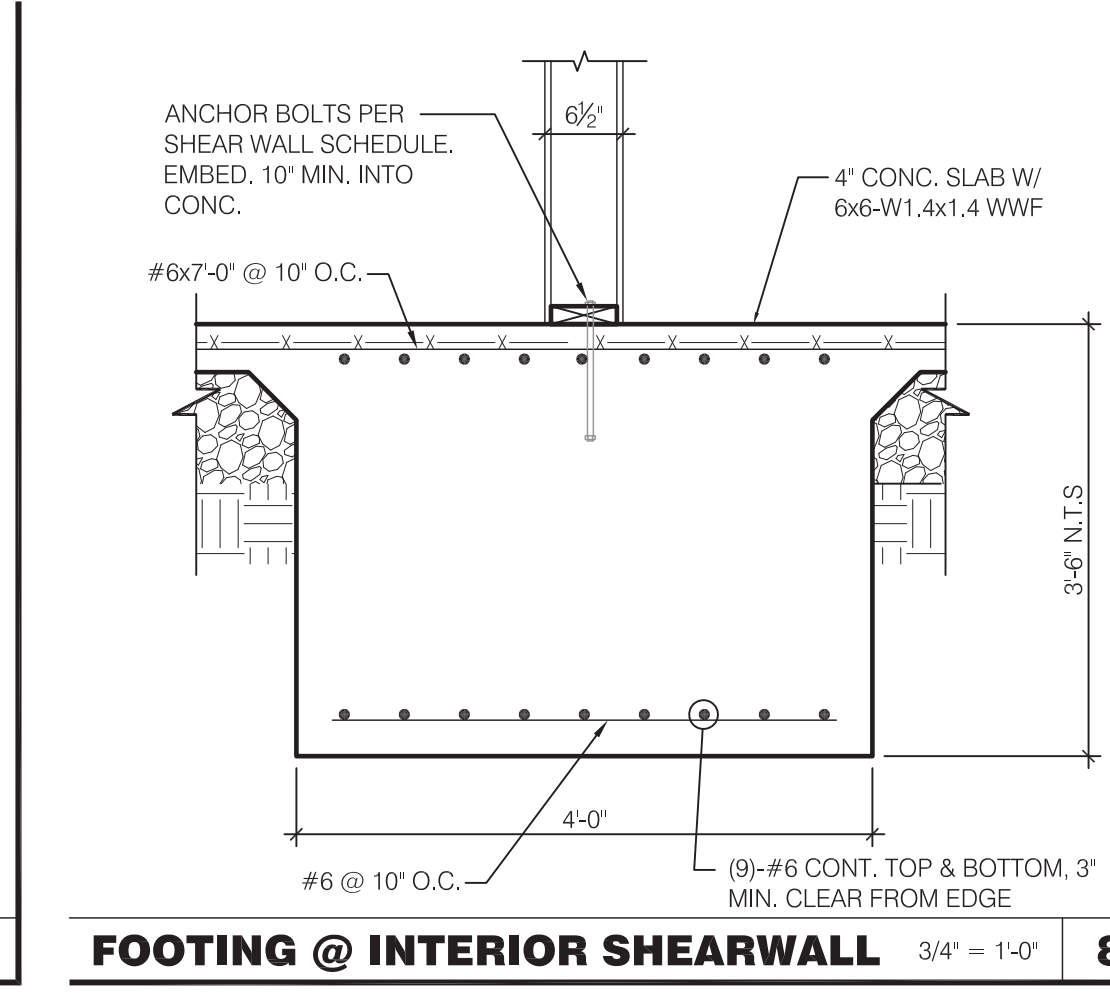
HD19 HOLDDOWN DETAIL 3/4" = 1'-0" **7**



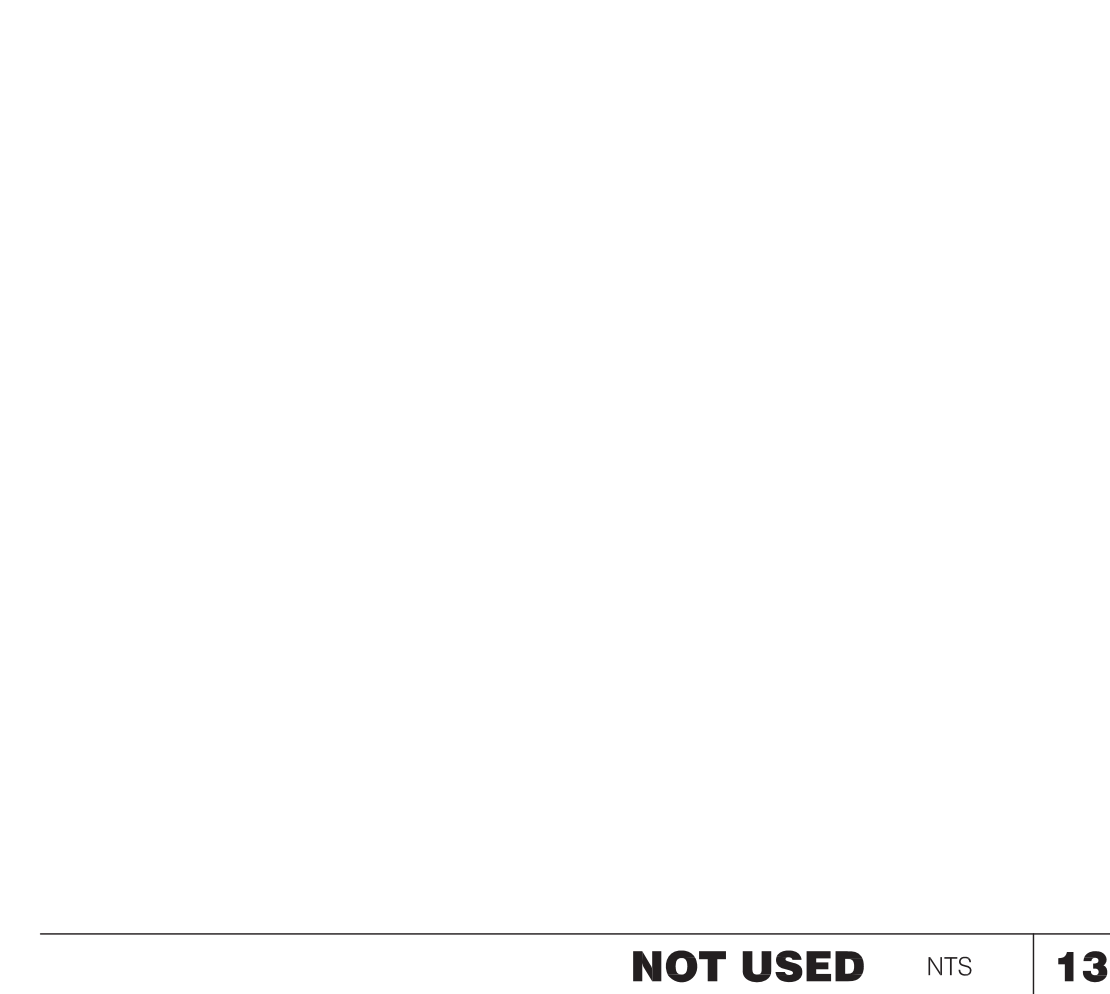
FOOTING AT POST 3/4" = 1'-0" **11**



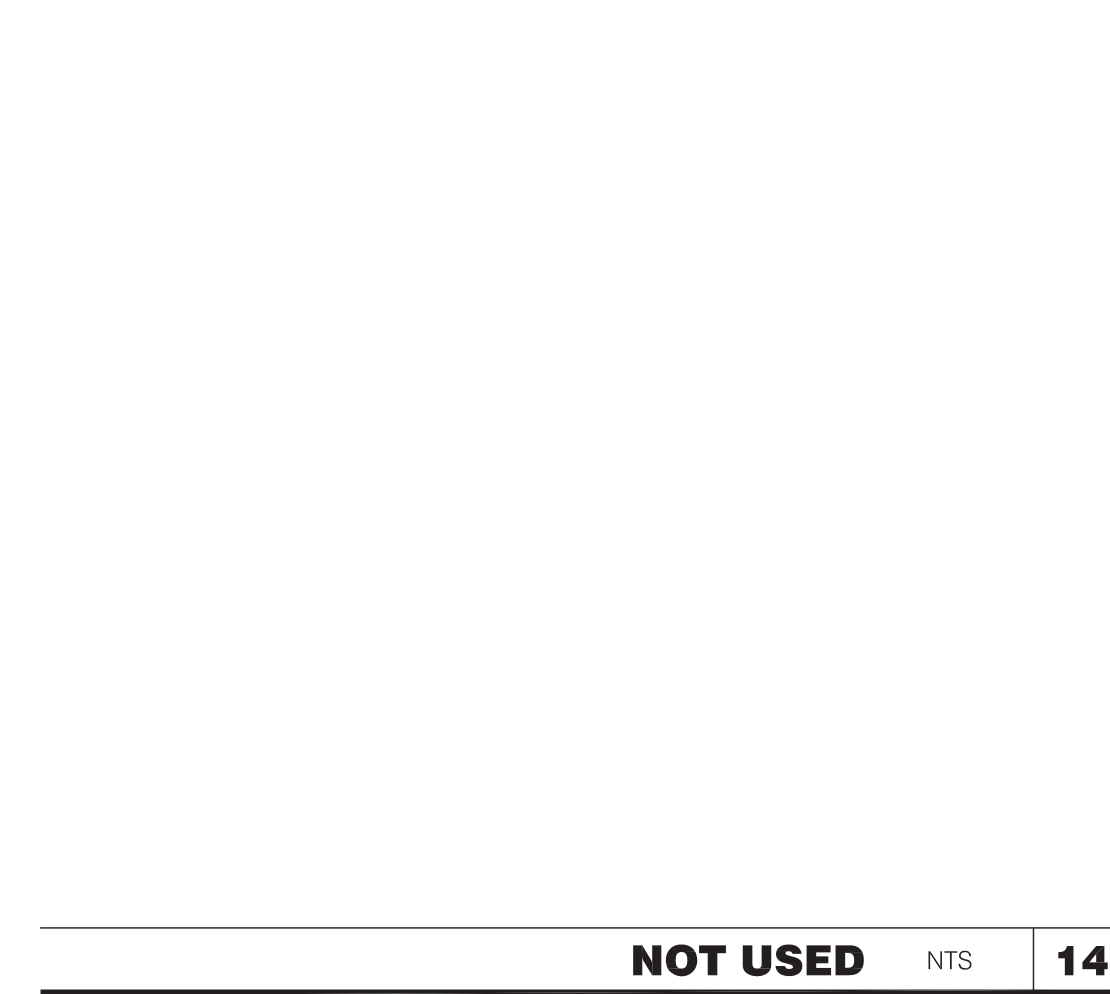
FOOTING @ DRIVE THRU 3/4" = 1'-0" **4**



FOOTING @ INTERIOR SHEARWALL 3/4" = 1'-0" **8**



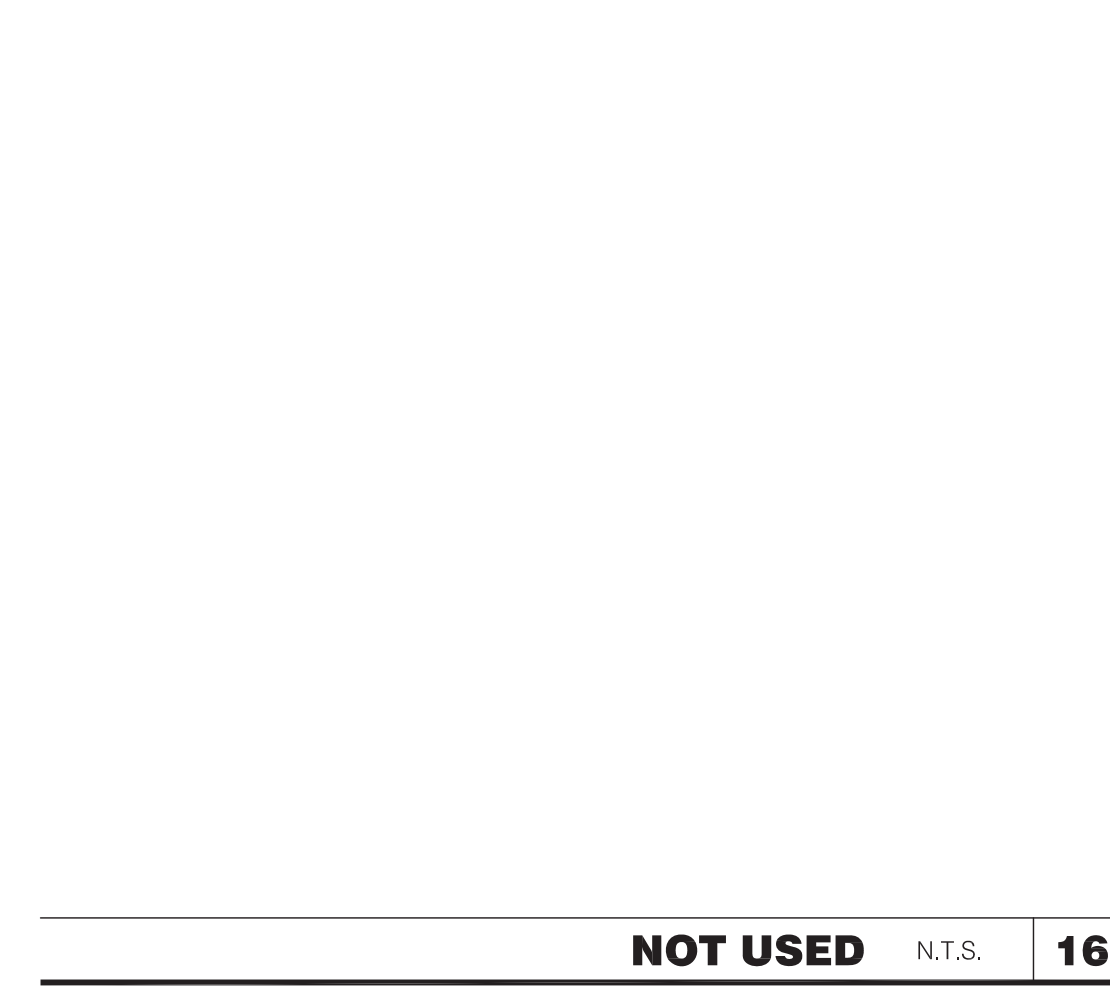
NOT USED N.T.S. **13**



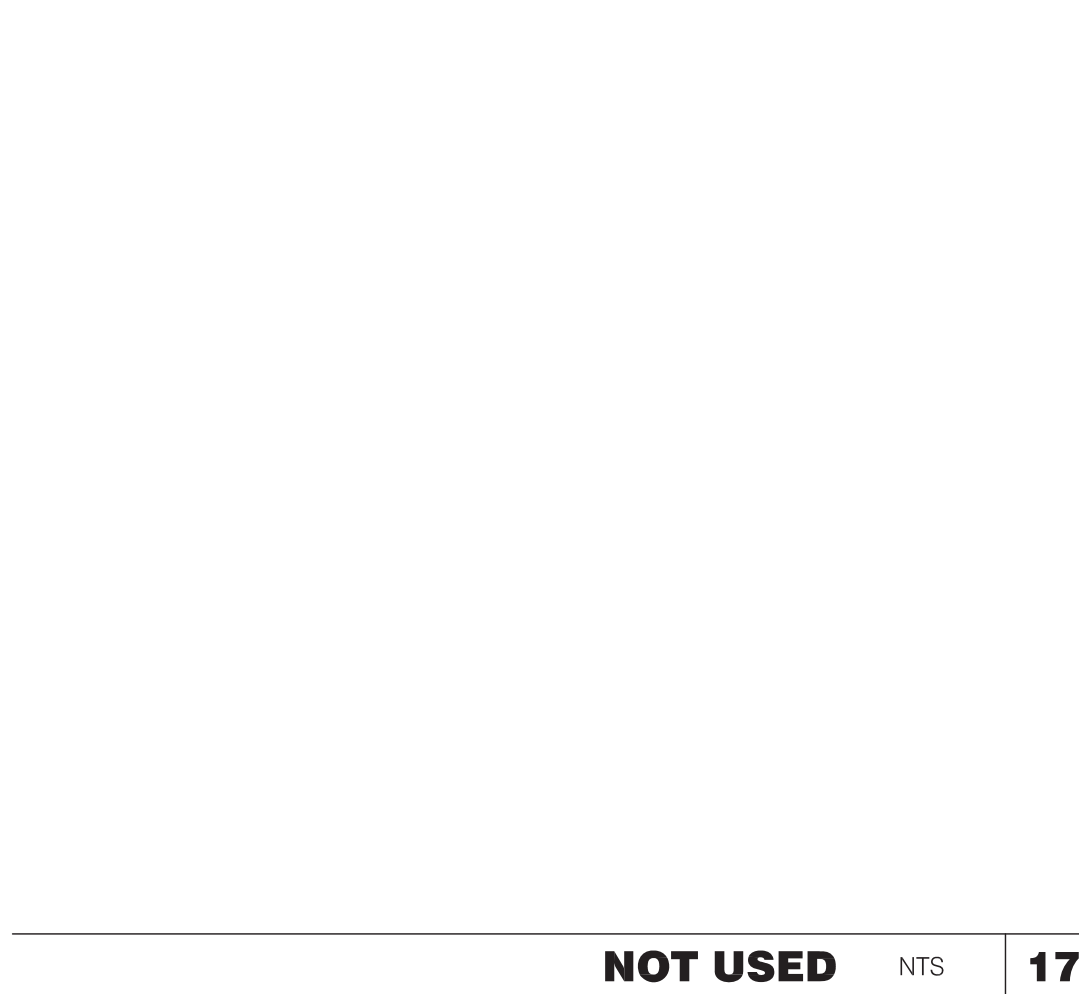
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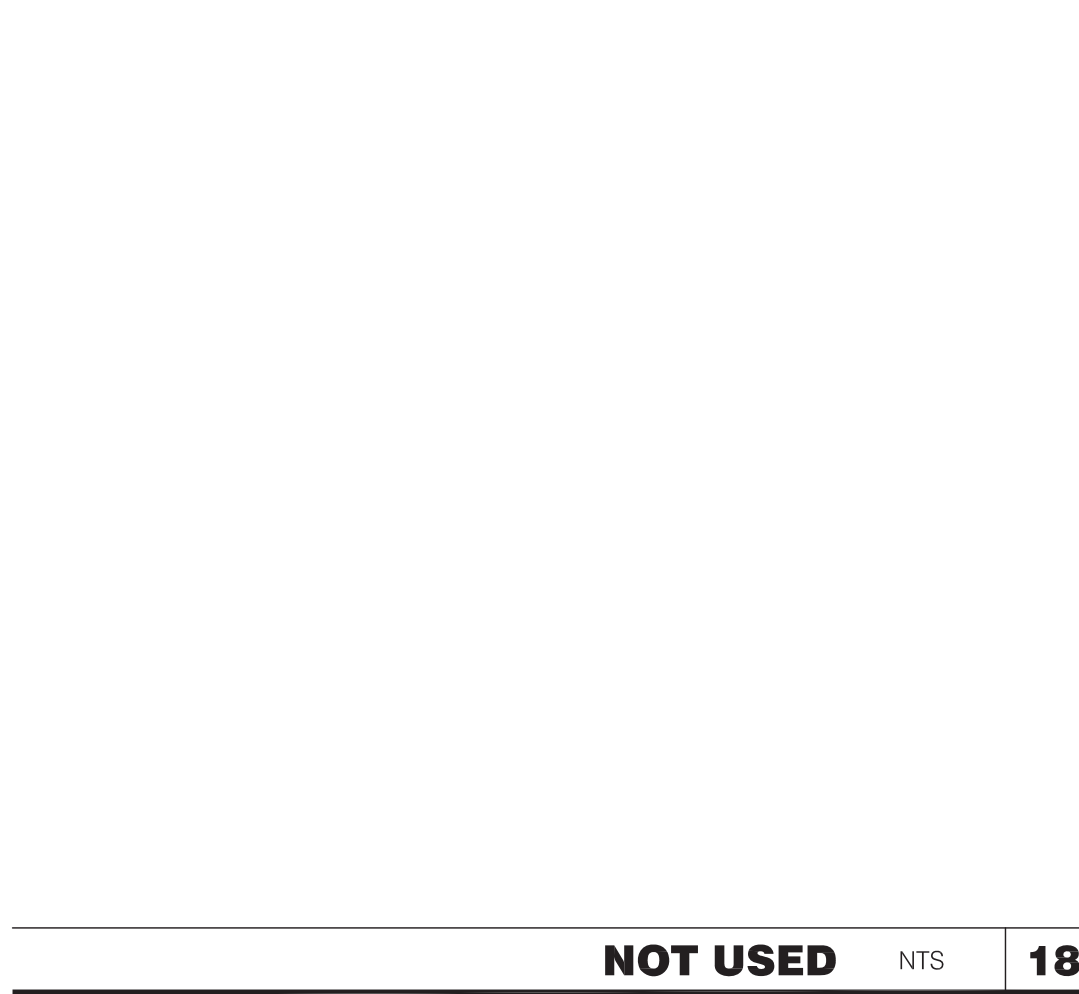
NOT USED N.T.S. **15**



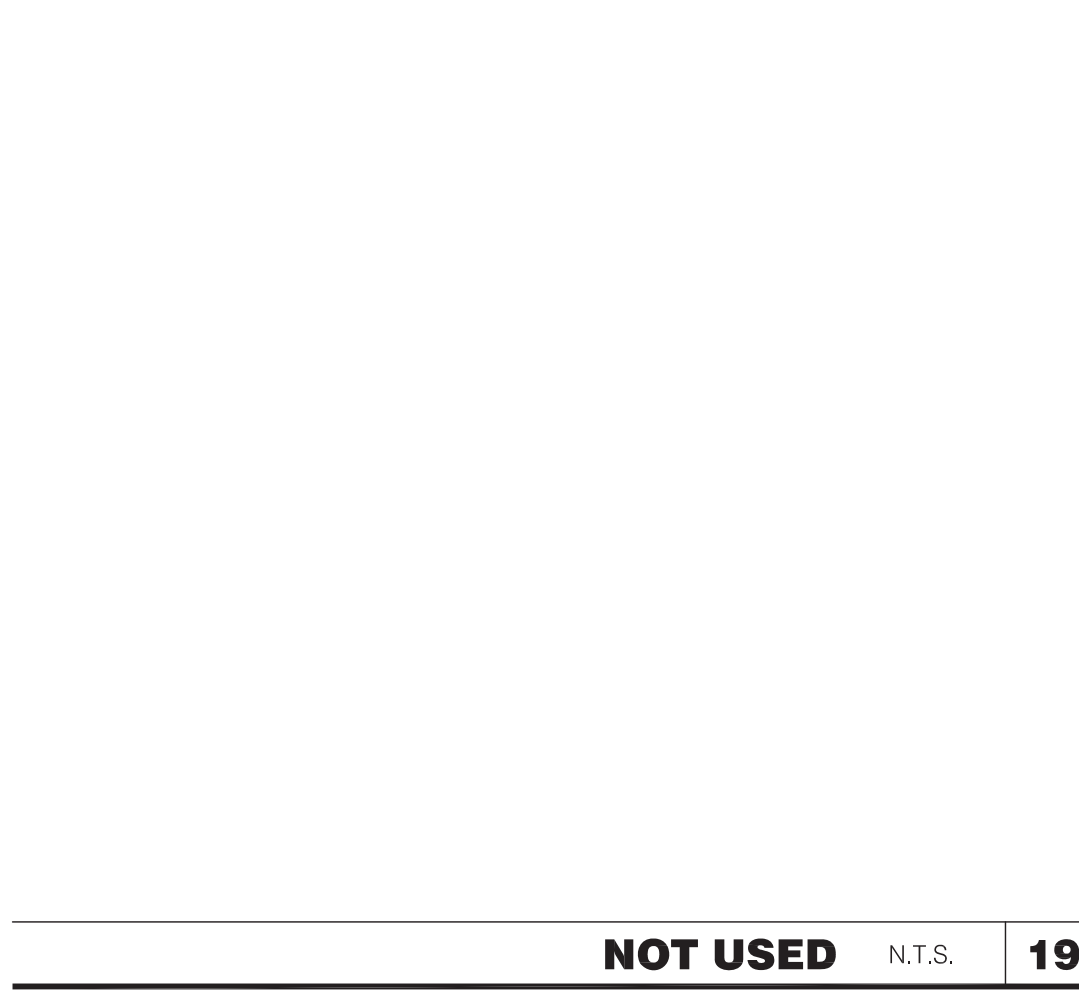
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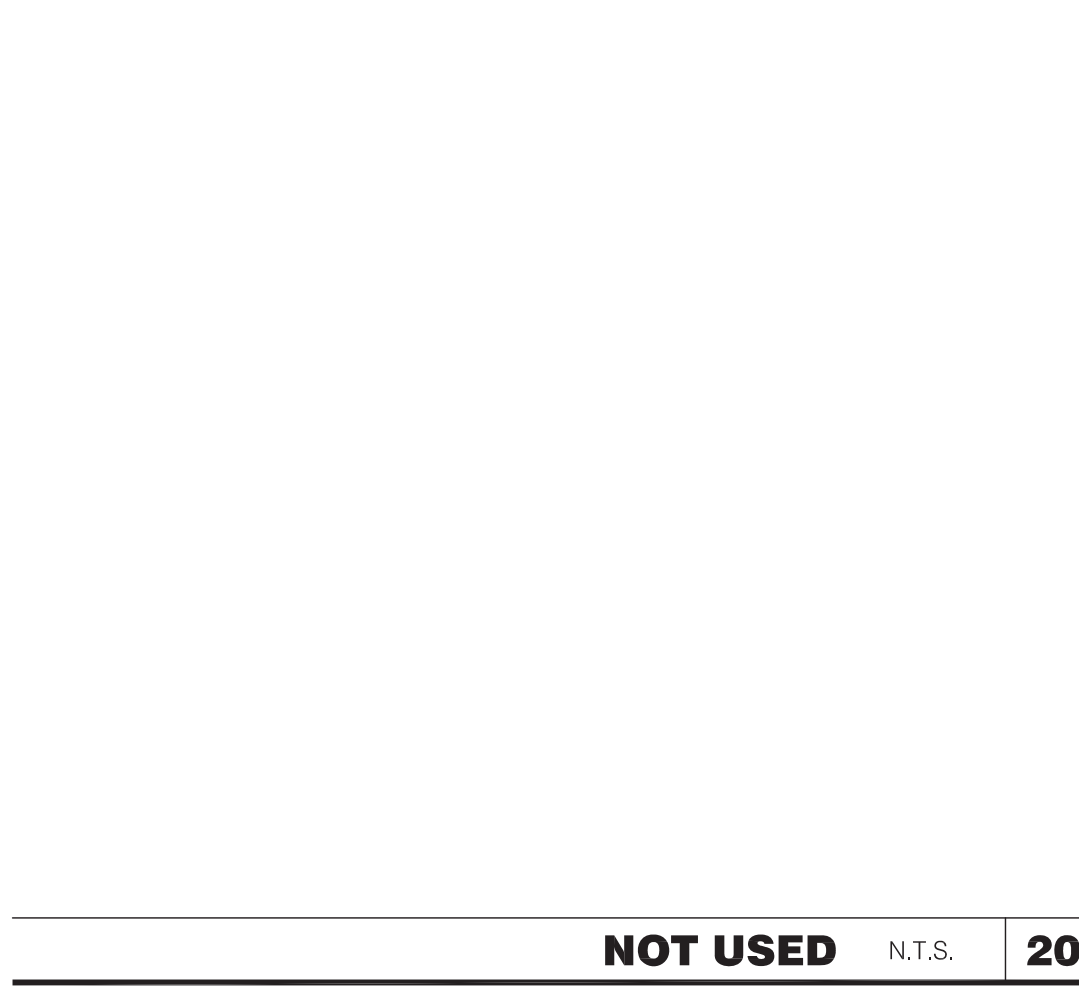
NOT USED N.T.S. **17**



NOT USED N.T.S. **18**



NOT USED N.T.S. **19**



NOT USED N.T.S. **20**

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07.30.15
Trav C. Sweat

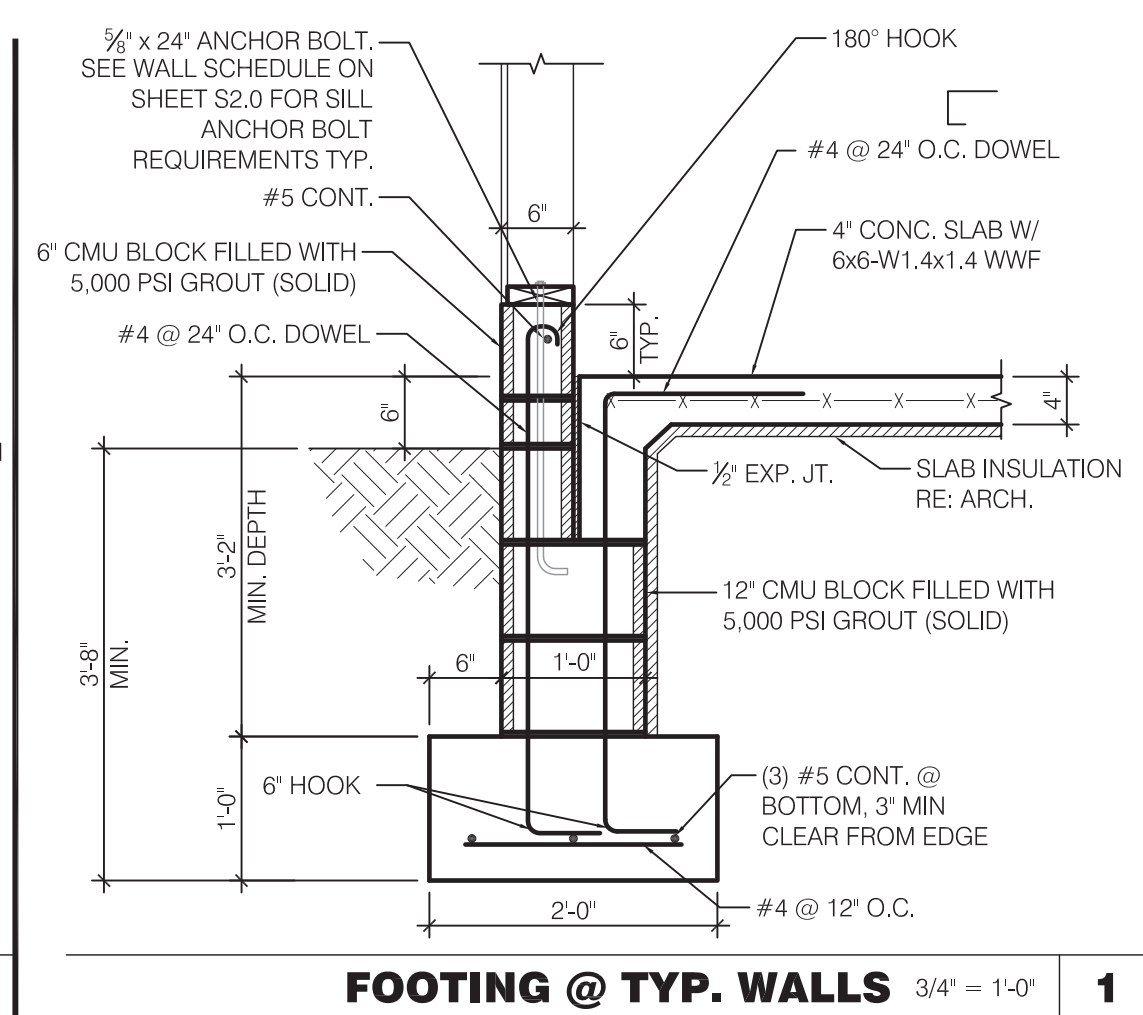
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 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA

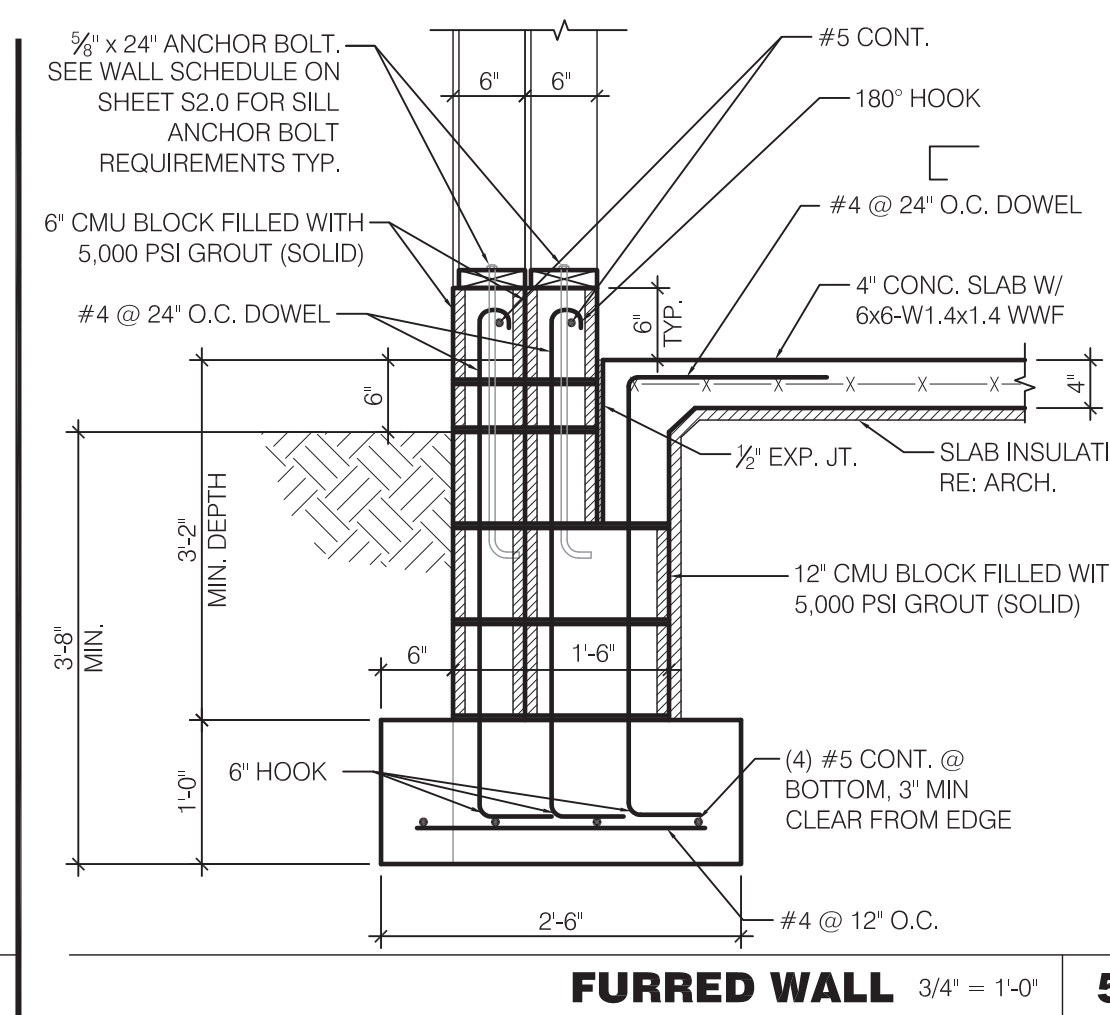
TACO BELL
 LIVE MAS
 LARGE 50
ALTERNATE FOUNDATION DETAILS

S4.0A

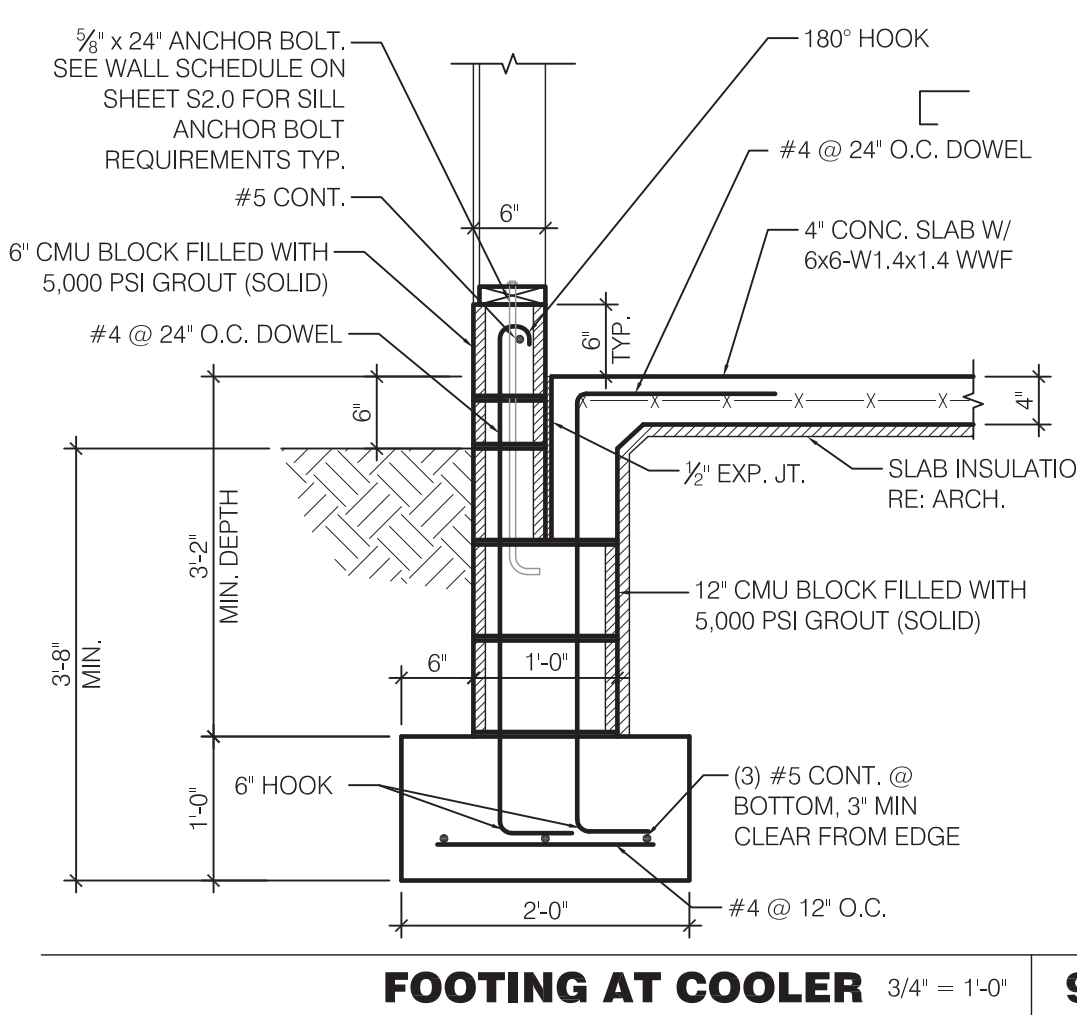
PERMIT PLOT DATE: 07.30.15



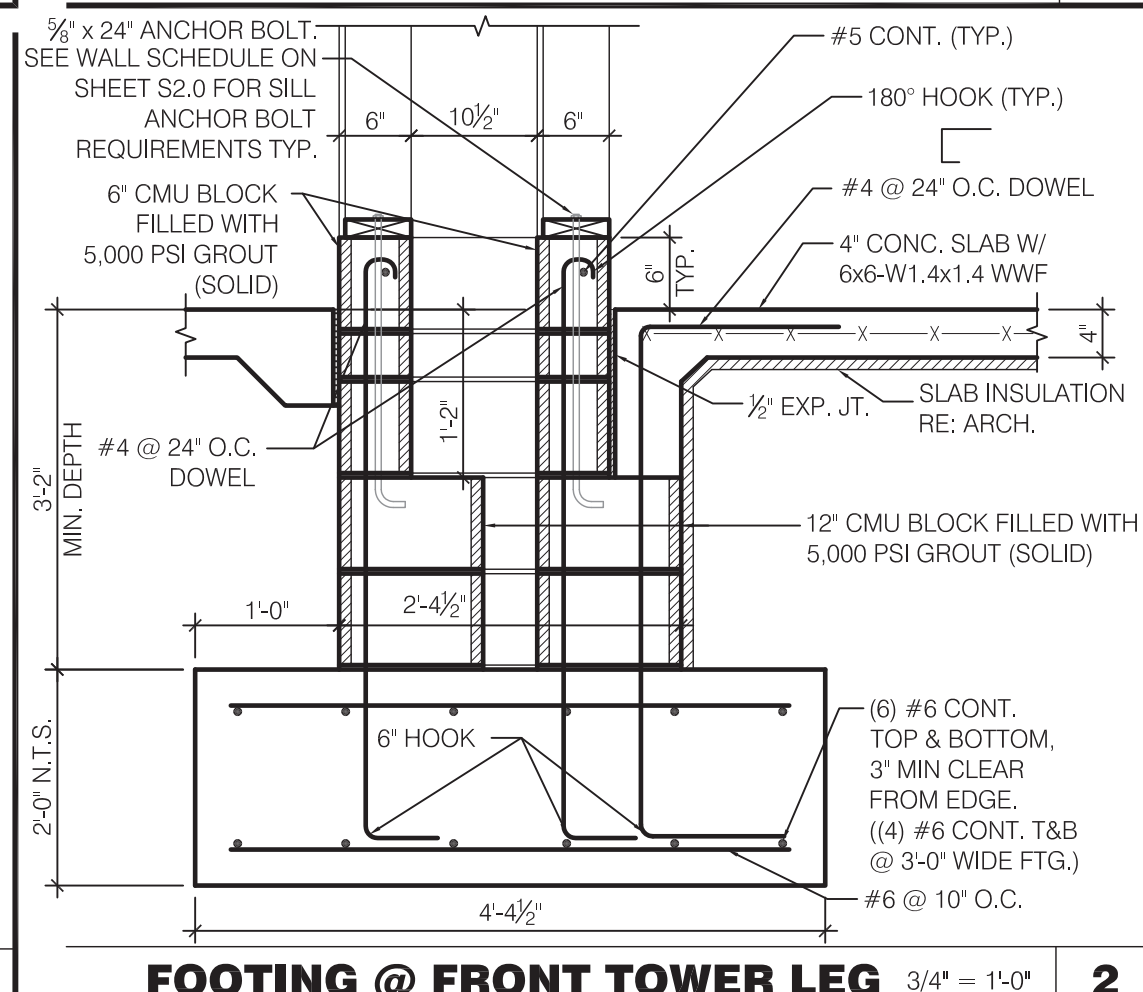
FOOTING @ TYP. WALLS 3/4" = 1'-0" **1**



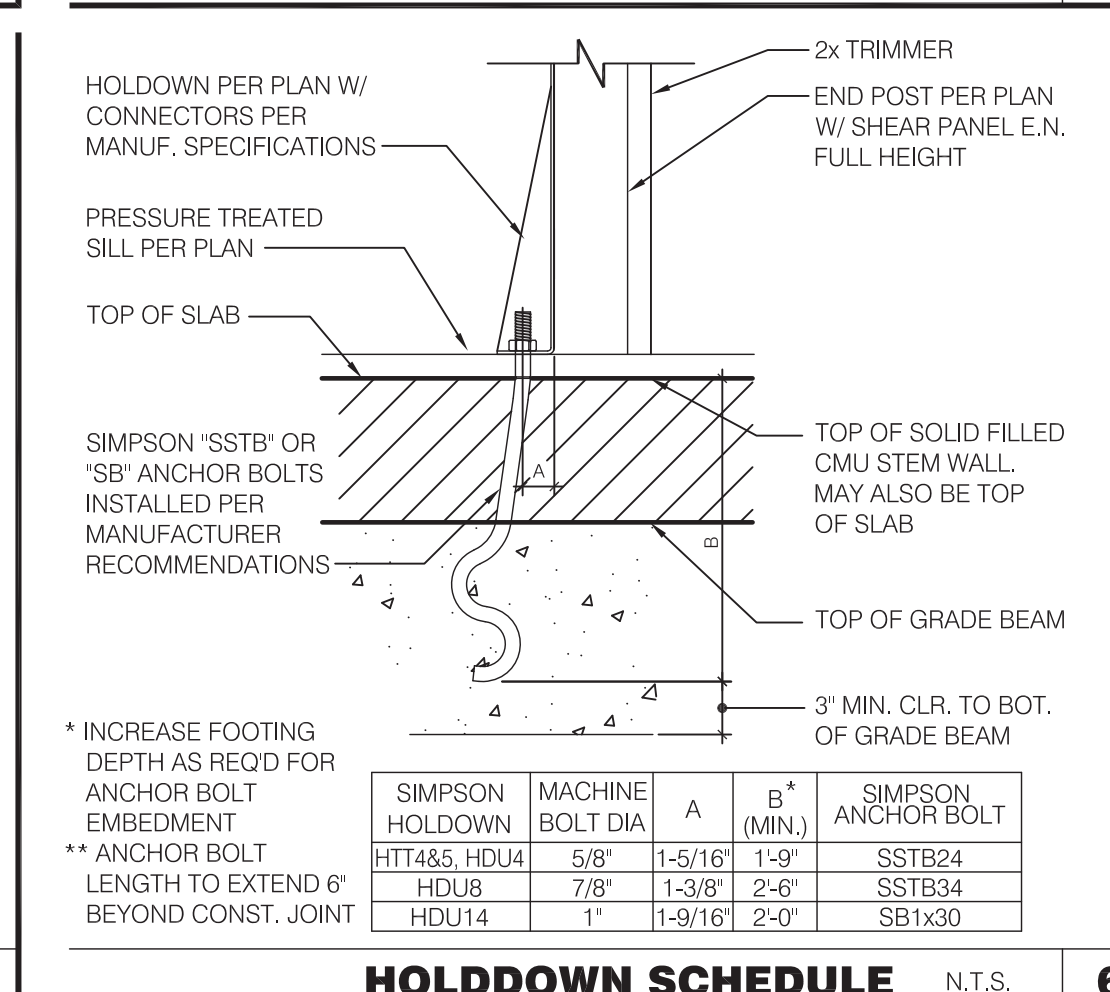
FURRED WALL 3/4" = 1'-0" **5**



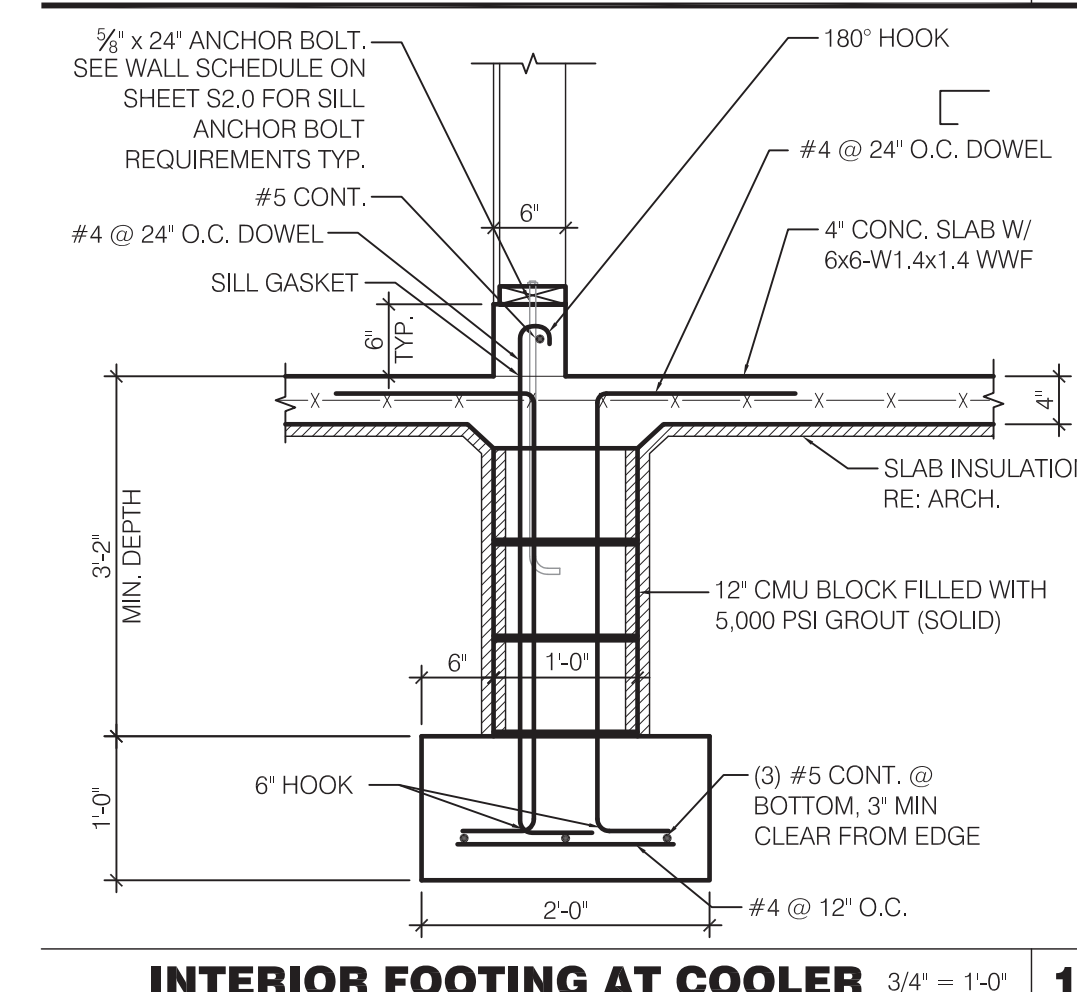
FOOTING AT COOLER 3/4" = 1'-0" **9**



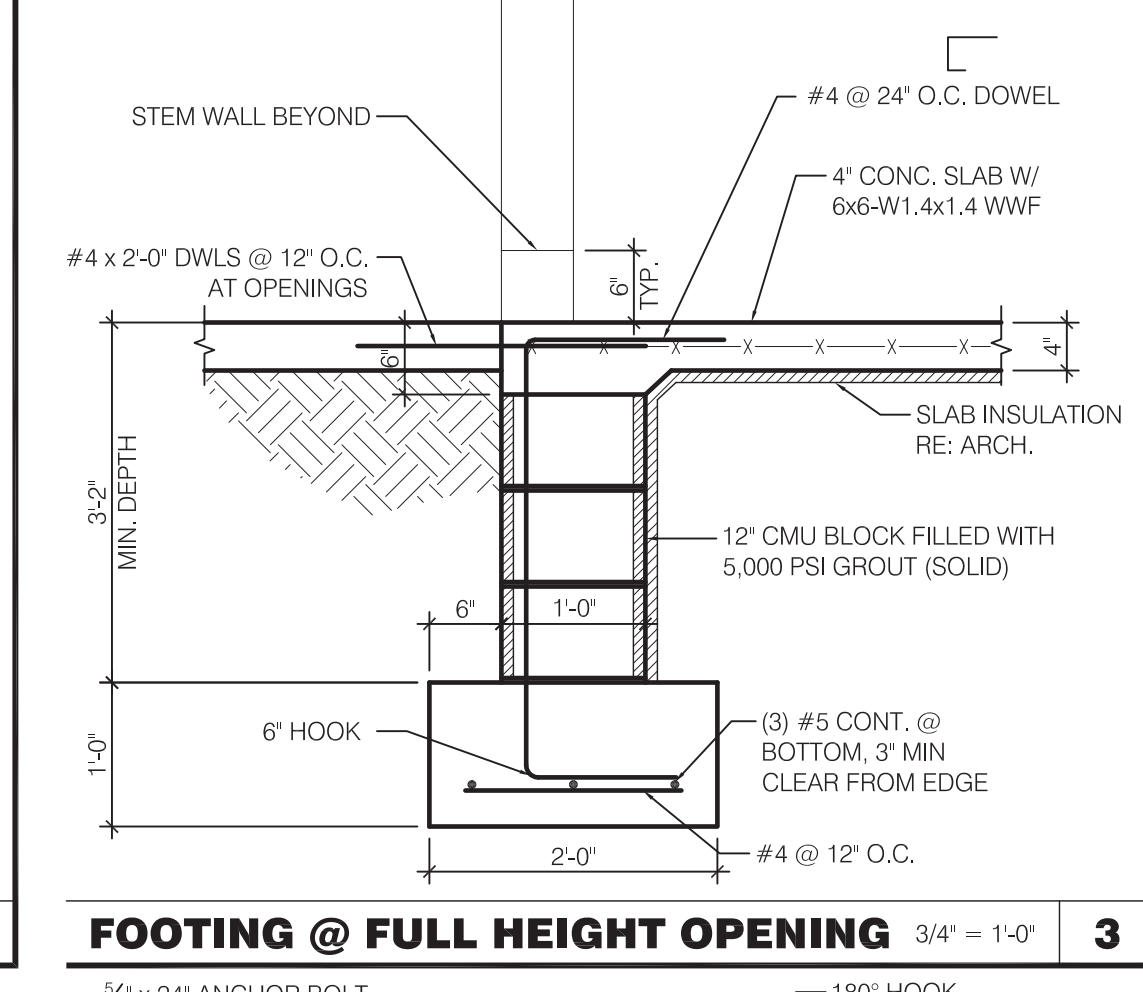
FOOTING @ FRONT TOWER LEG 3/4" = 1'-0" **2**



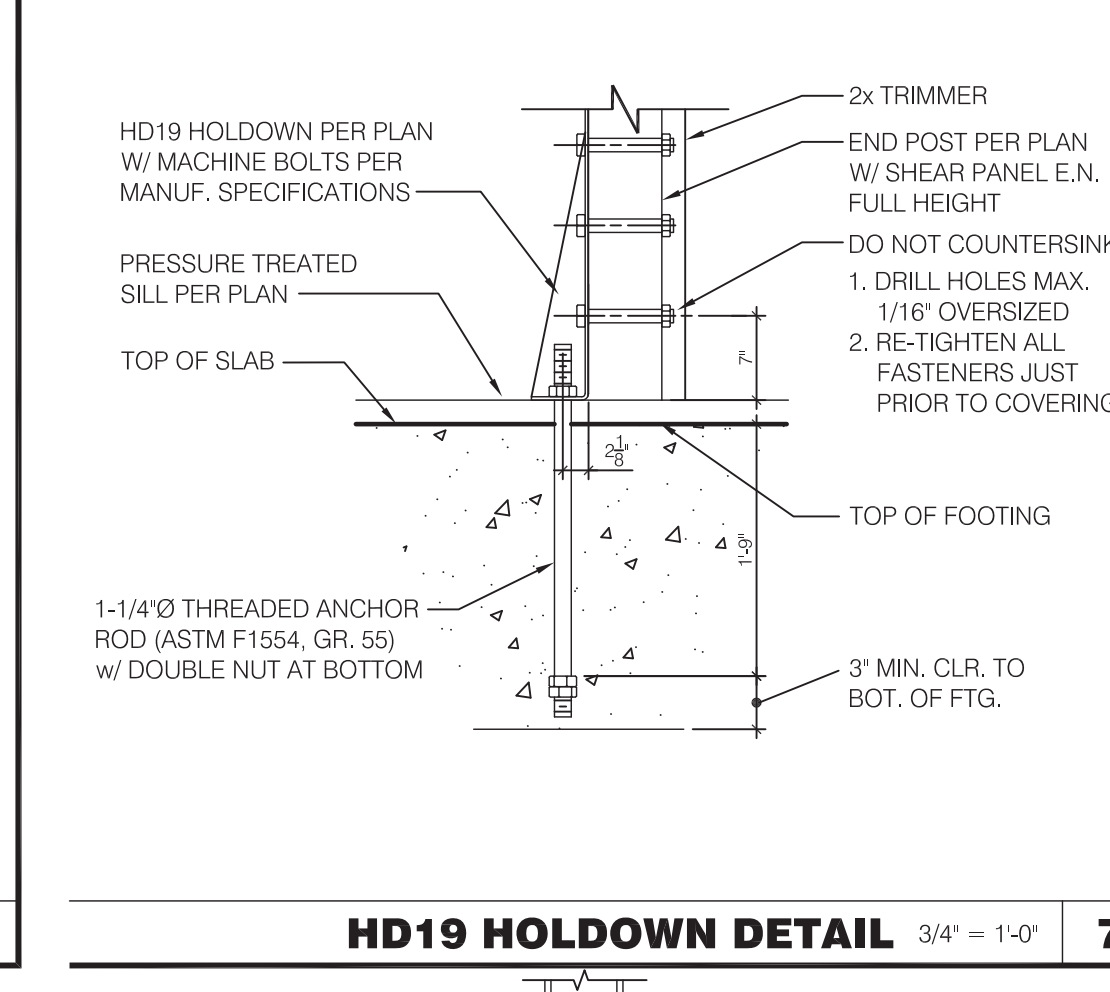
HOLDDOWN SCHEDULE N.T.S. **6**



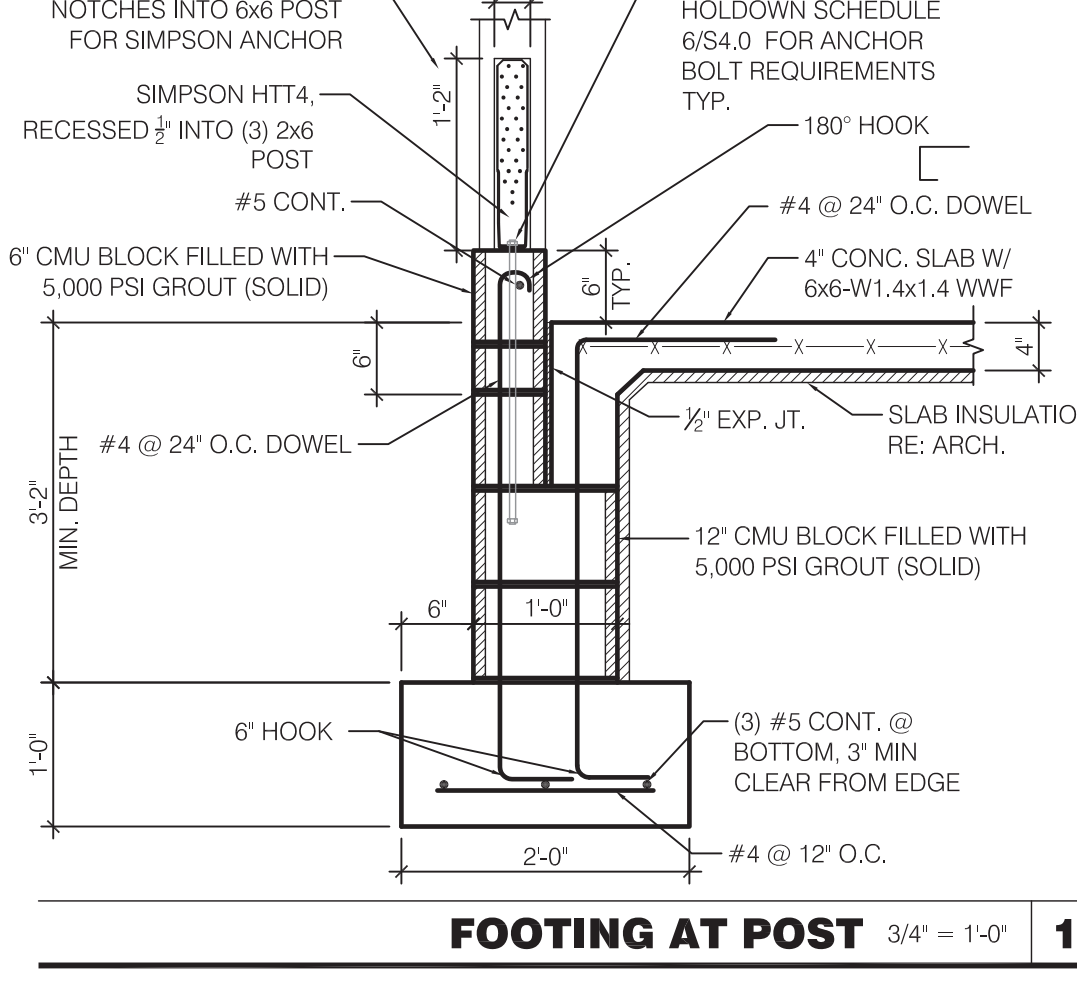
INTERIOR FOOTING AT COOLER 3/4" = 1'-0" **10**



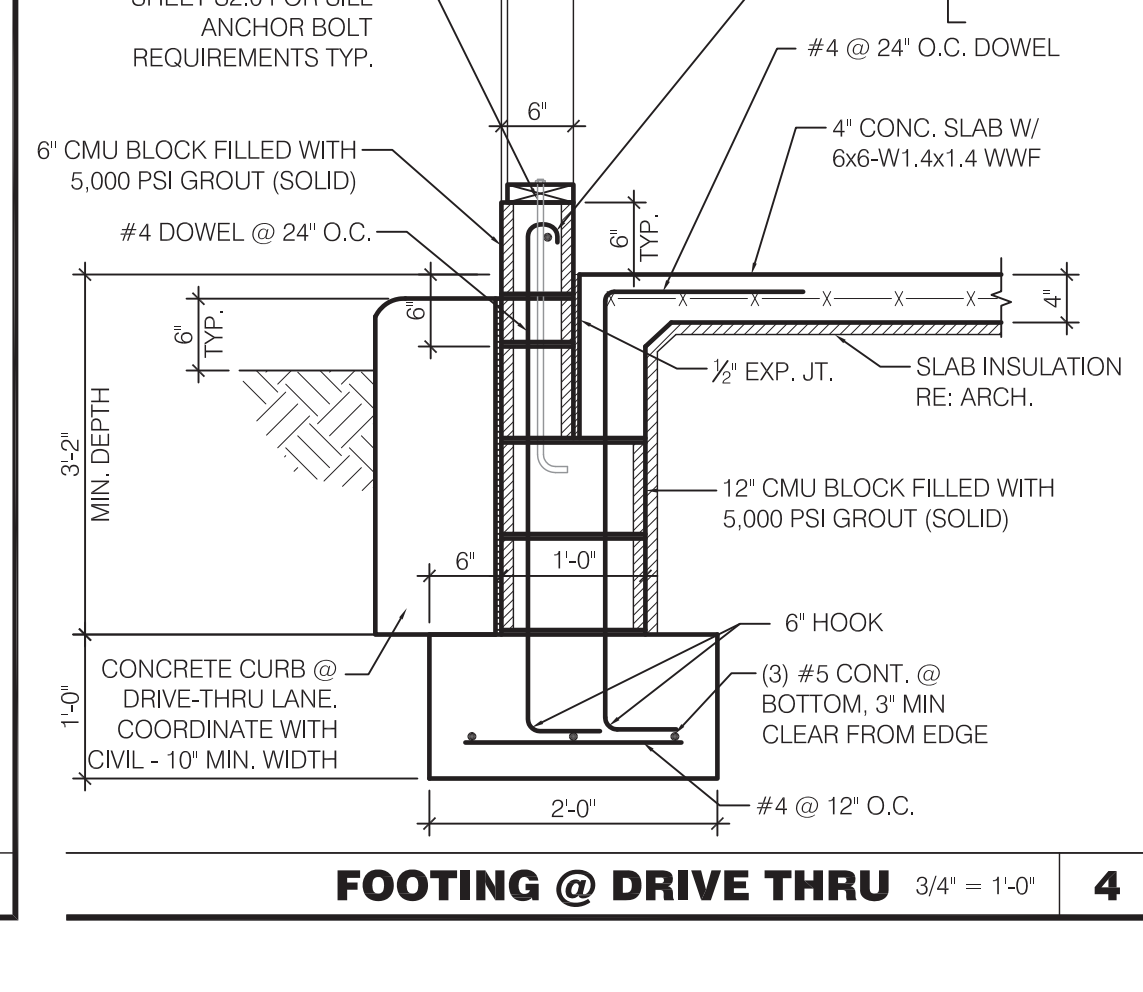
FOOTING @ FULL HEIGHT OPENING 3/4" = 1'-0" **3**



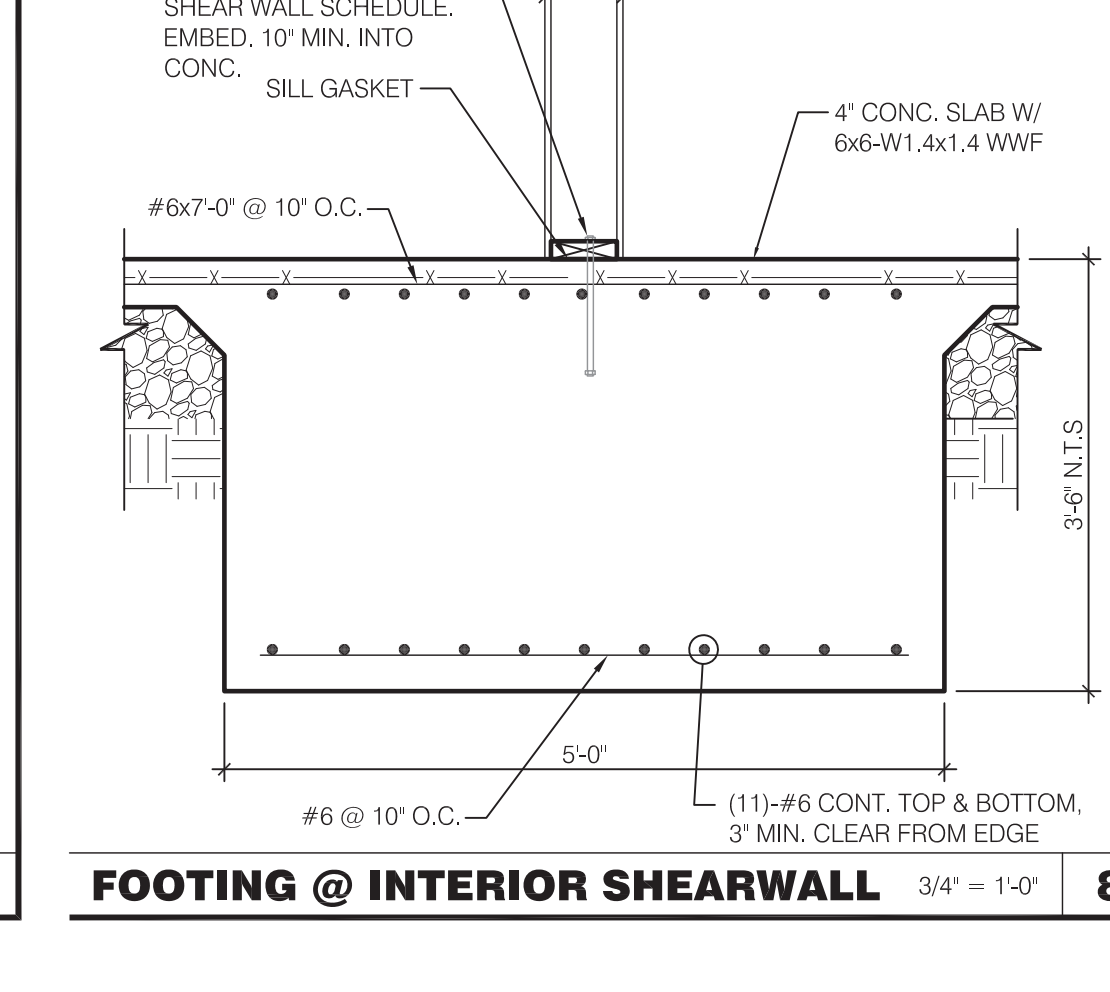
HD19 HOLDOWN DETAIL 3/4" = 1'-0" **7**



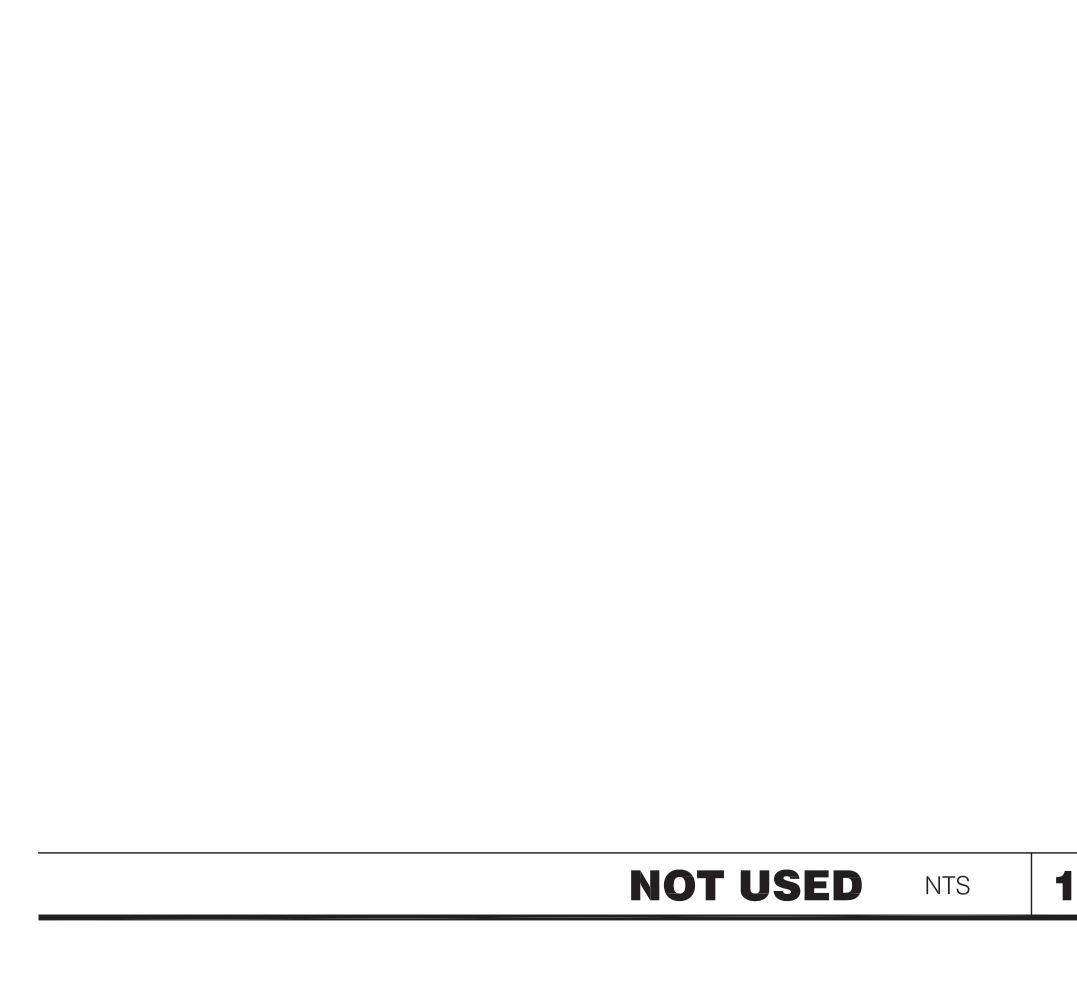
FOOTING AT POST 3/4" = 1'-0" **11**



FOOTING @ DRIVE THRU 3/4" = 1'-0" **4**



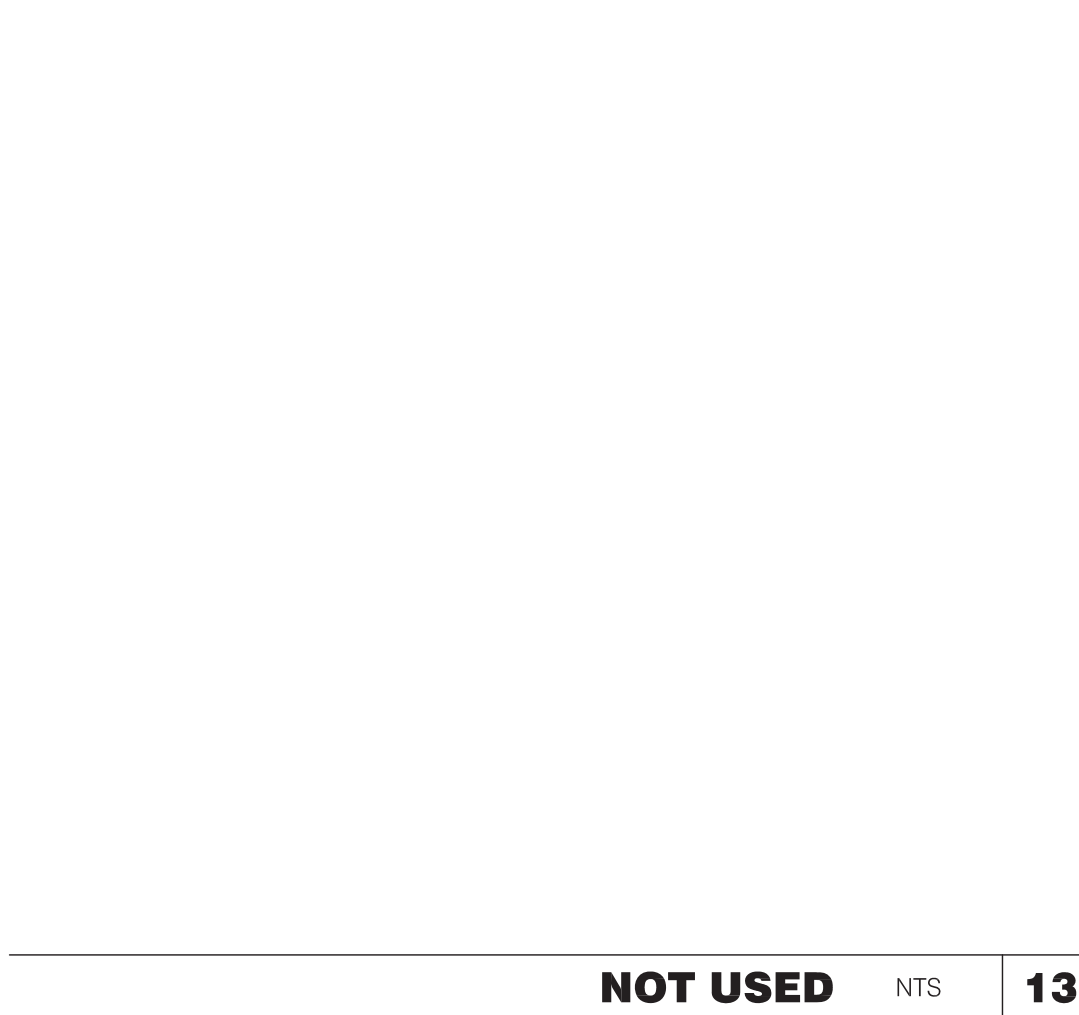
FOOTING @ INTERIOR SHEARWALL 3/4" = 1'-0" **8**



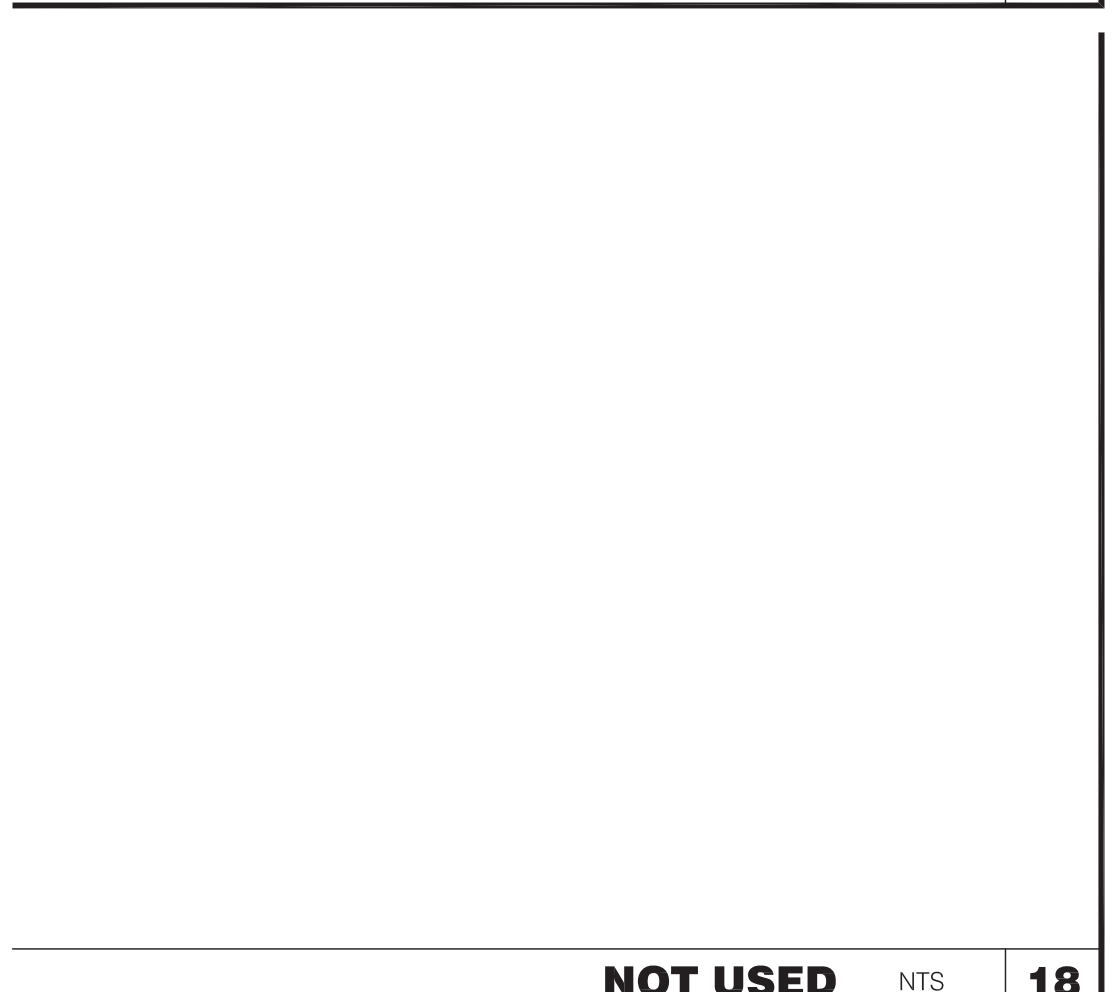
FOOTING AT POST 3/4" = 1'-0" **11**



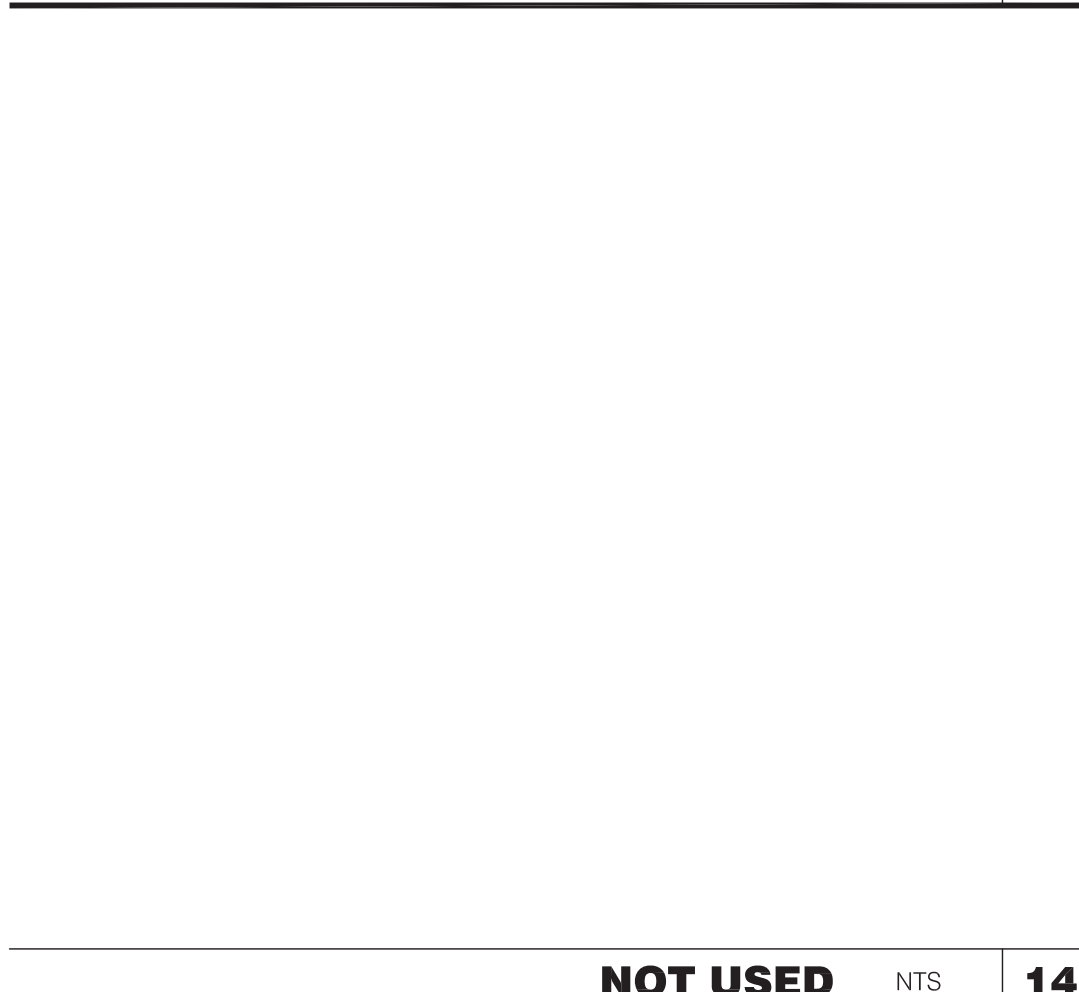
NOT USED NTS **17**



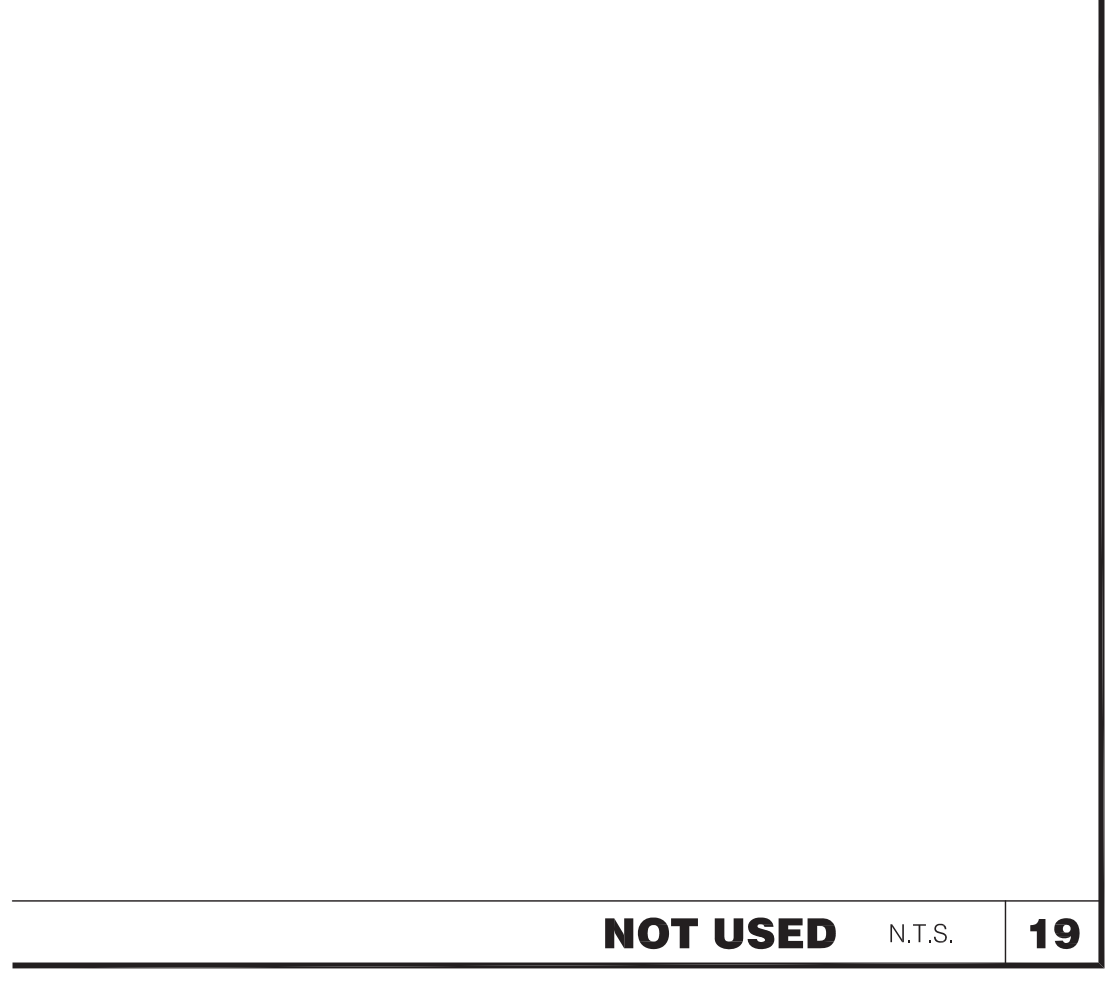
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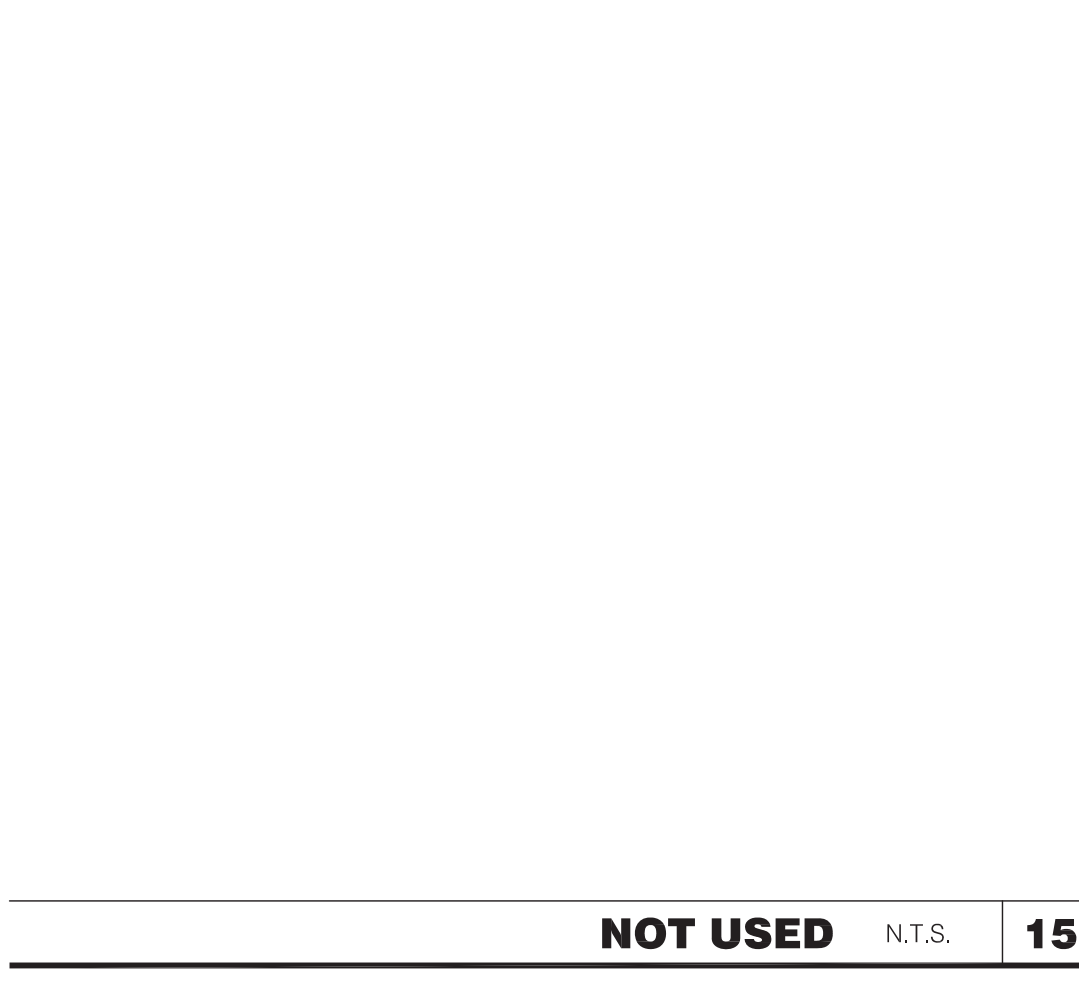
NOT USED NTS **18**



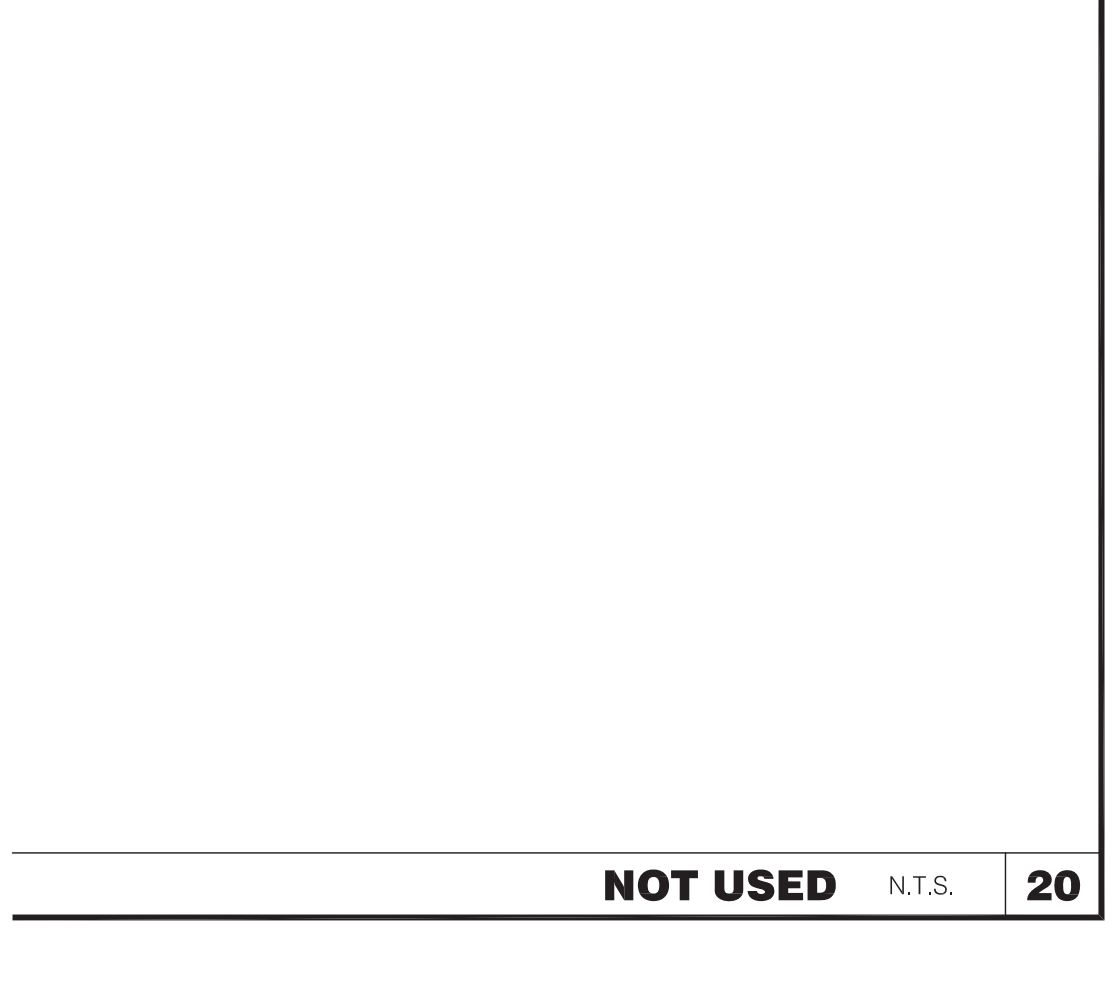
NOT USED NTS **14**



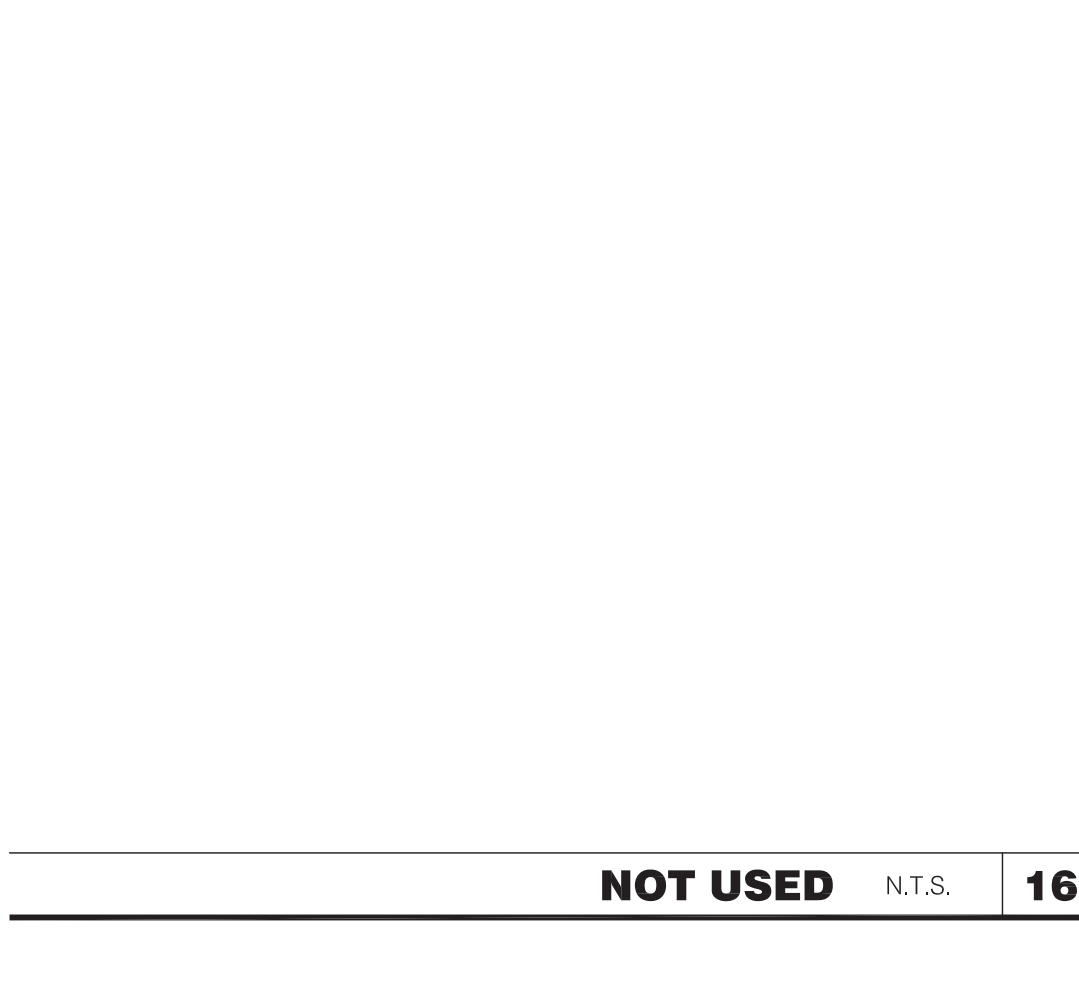
NOT USED N.T.S. **19**



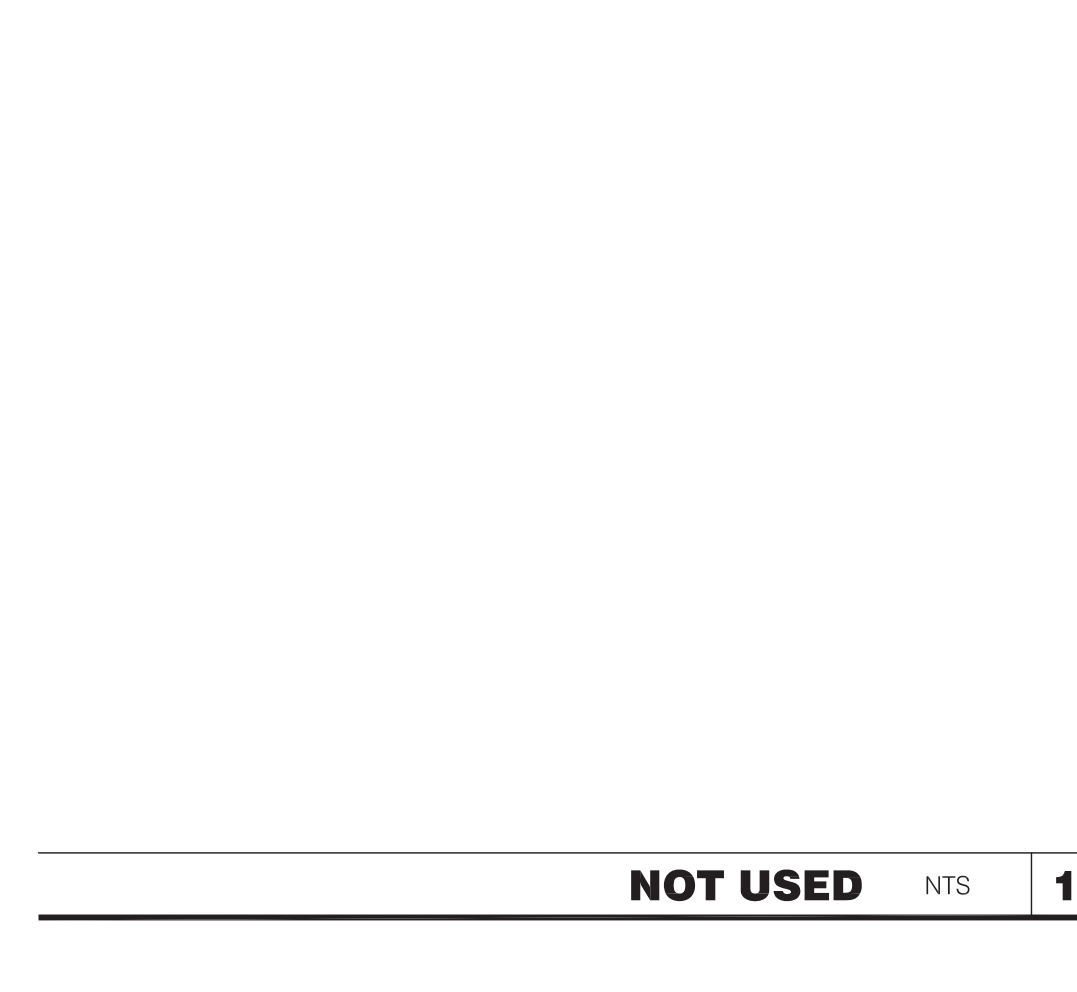
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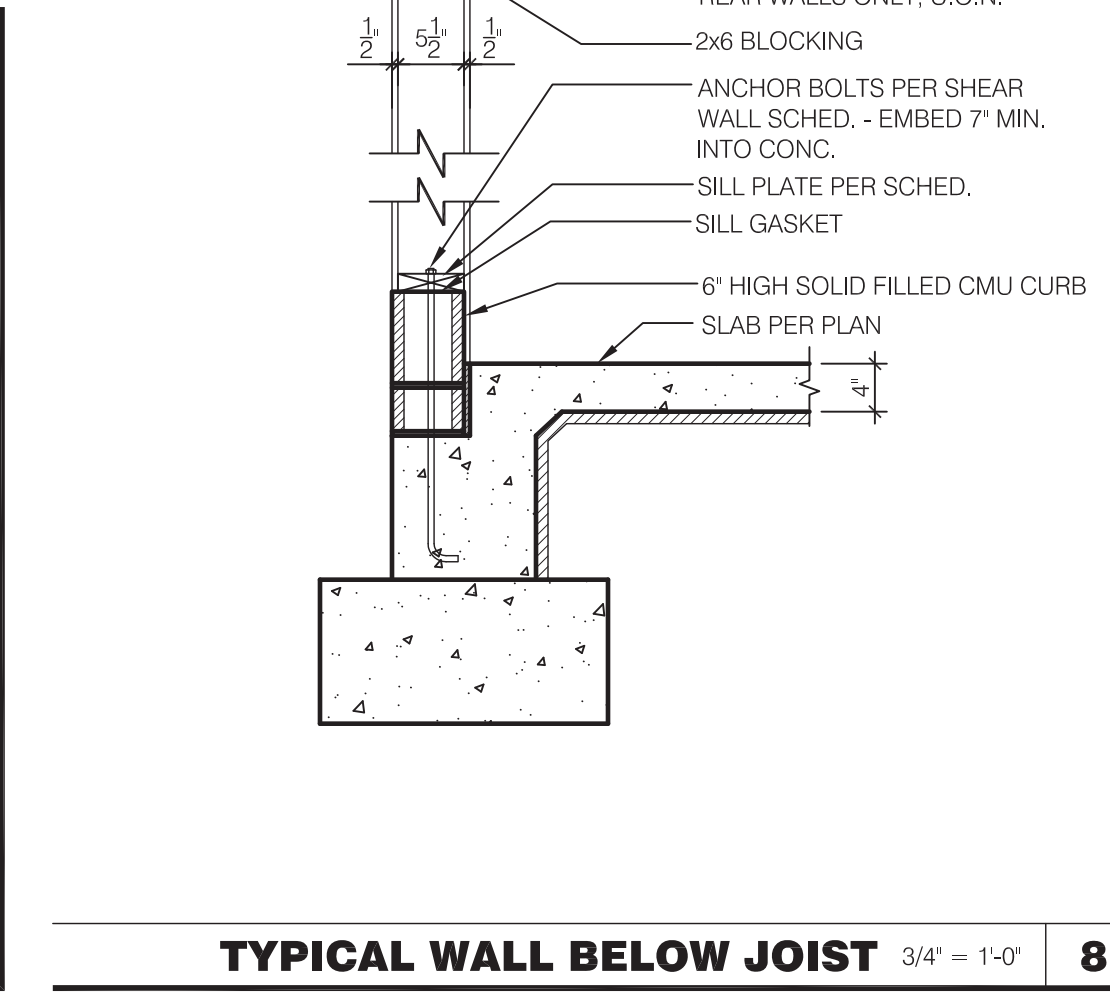
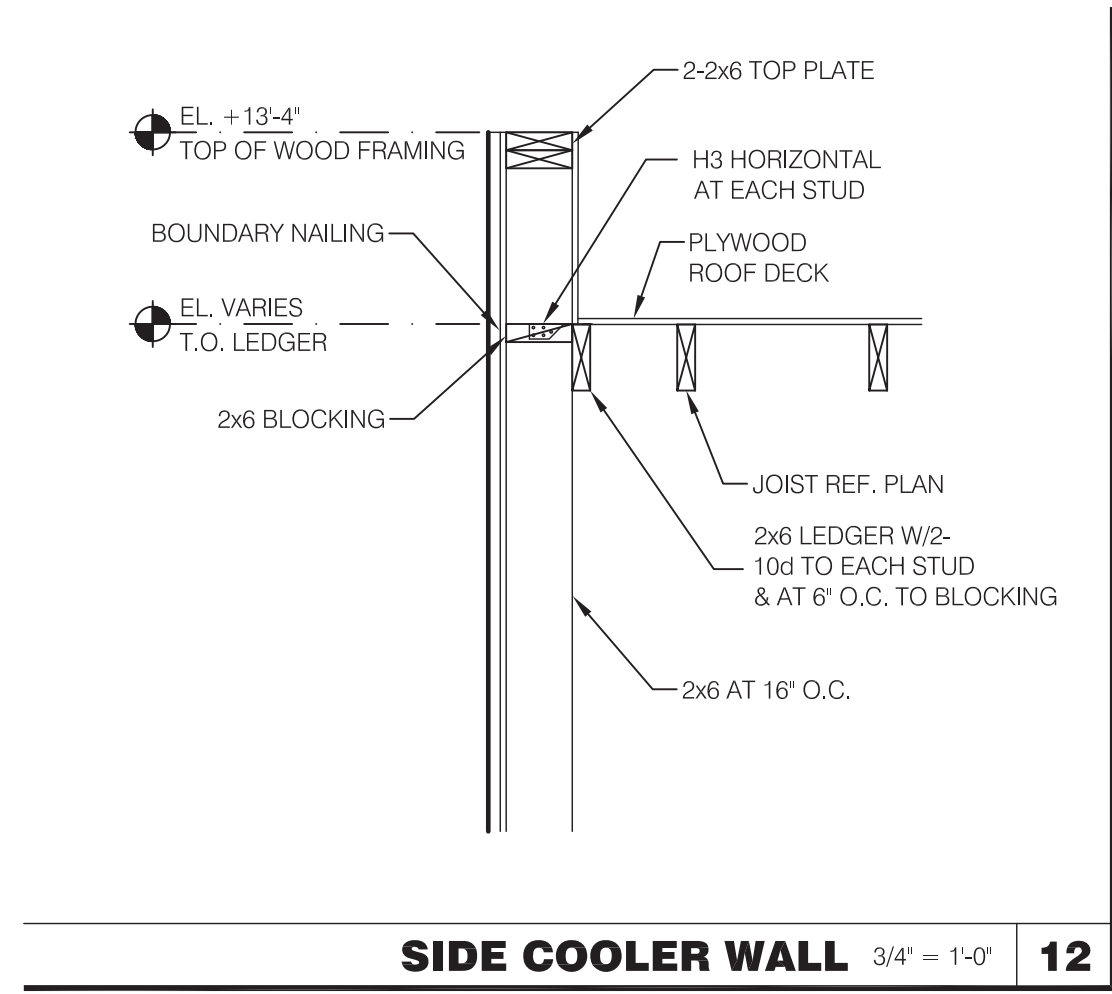
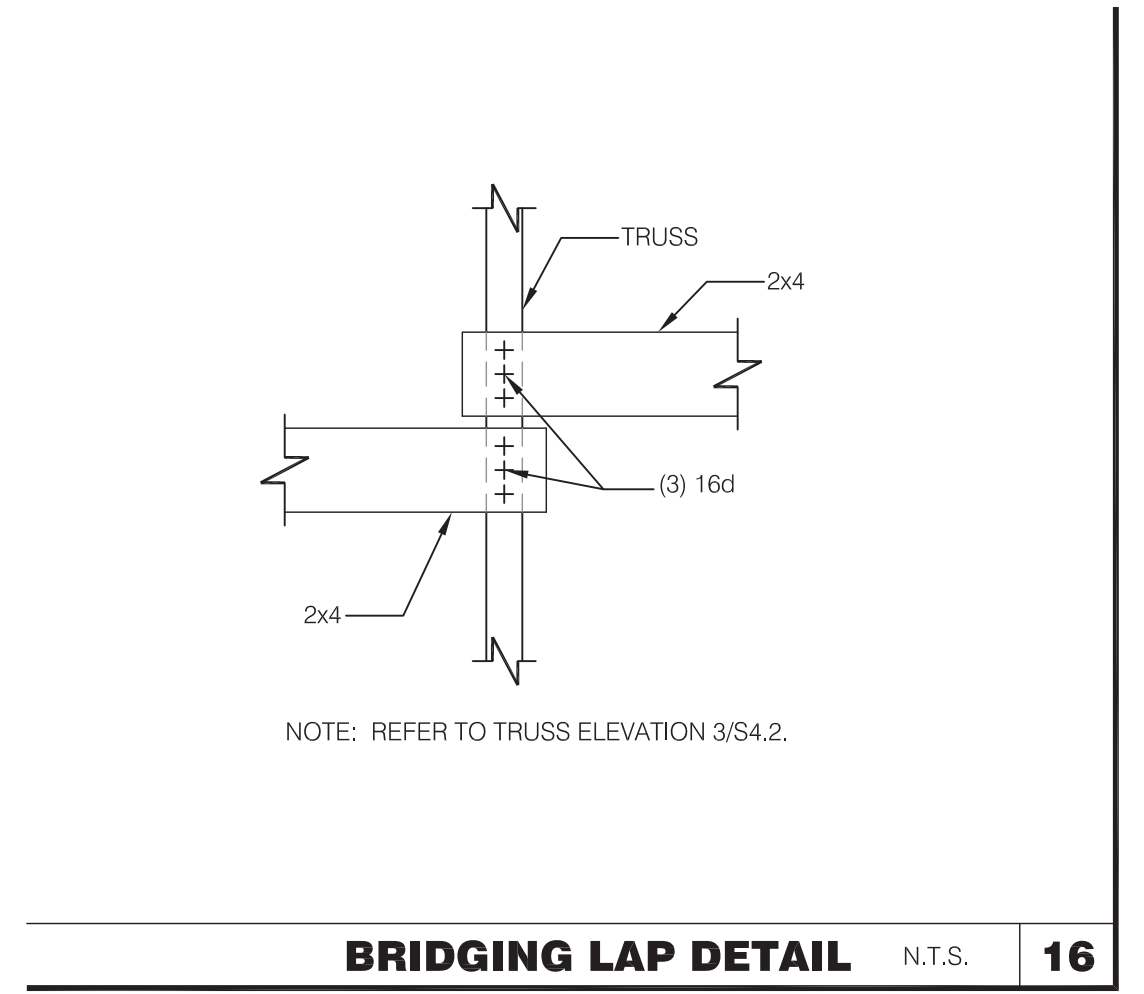
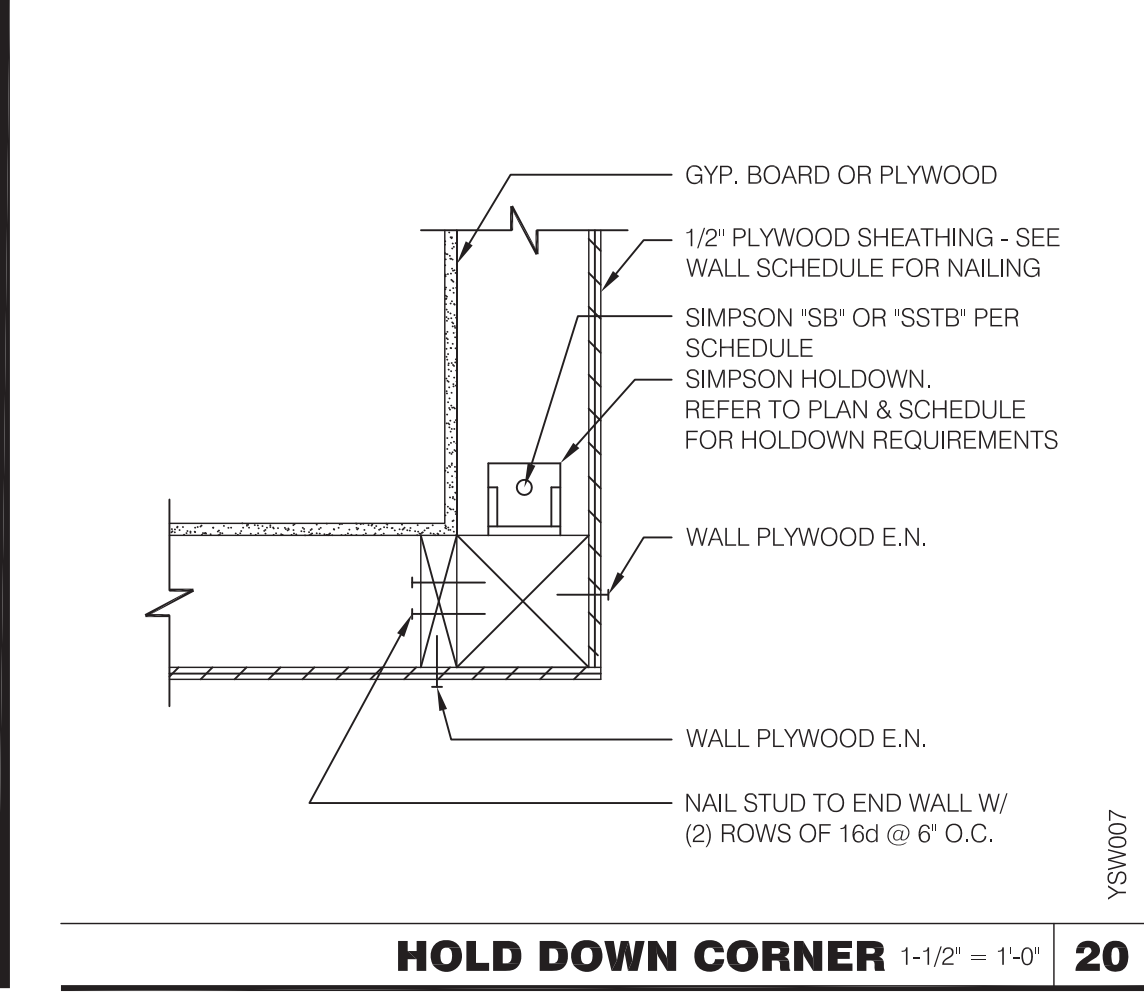
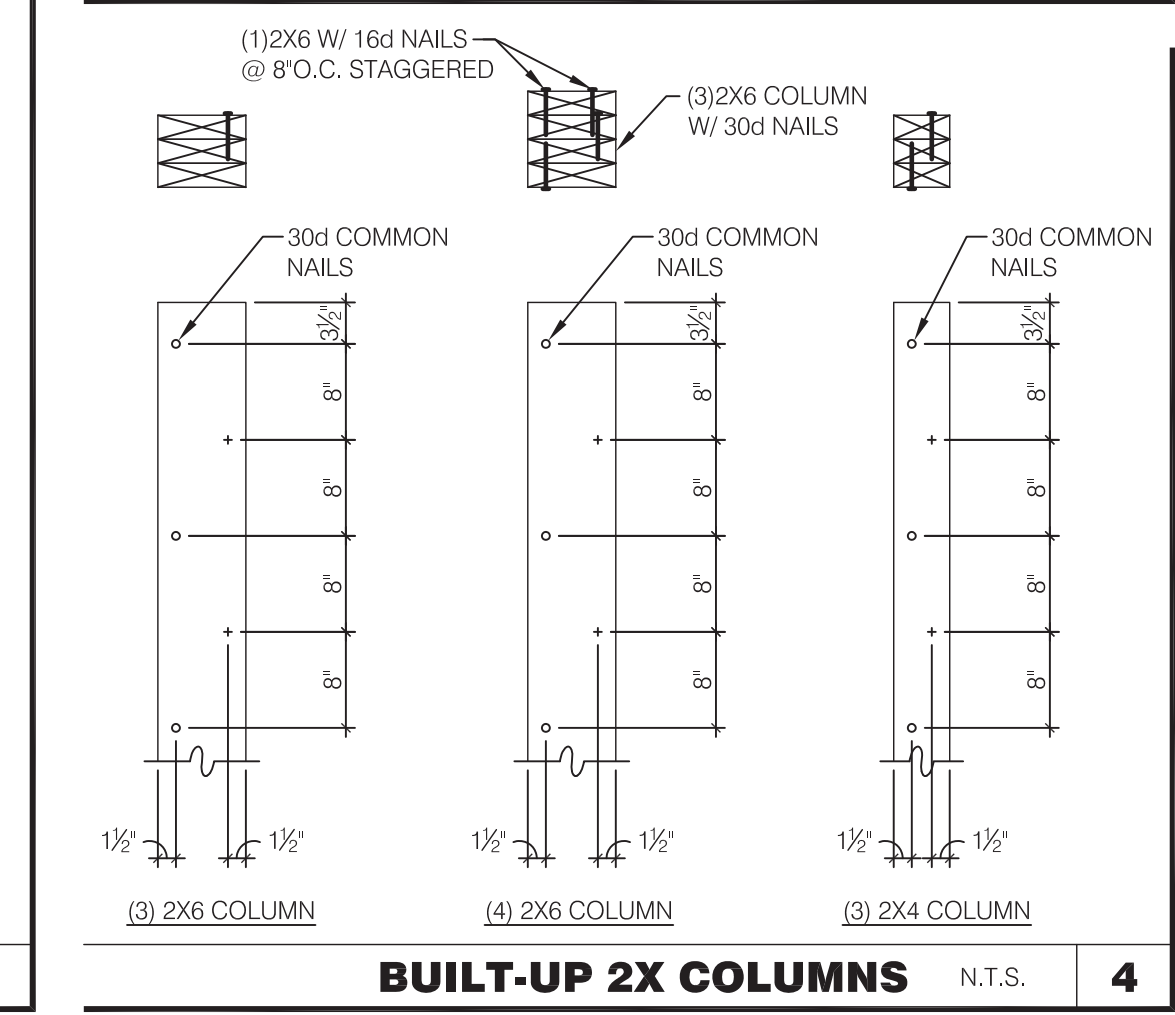
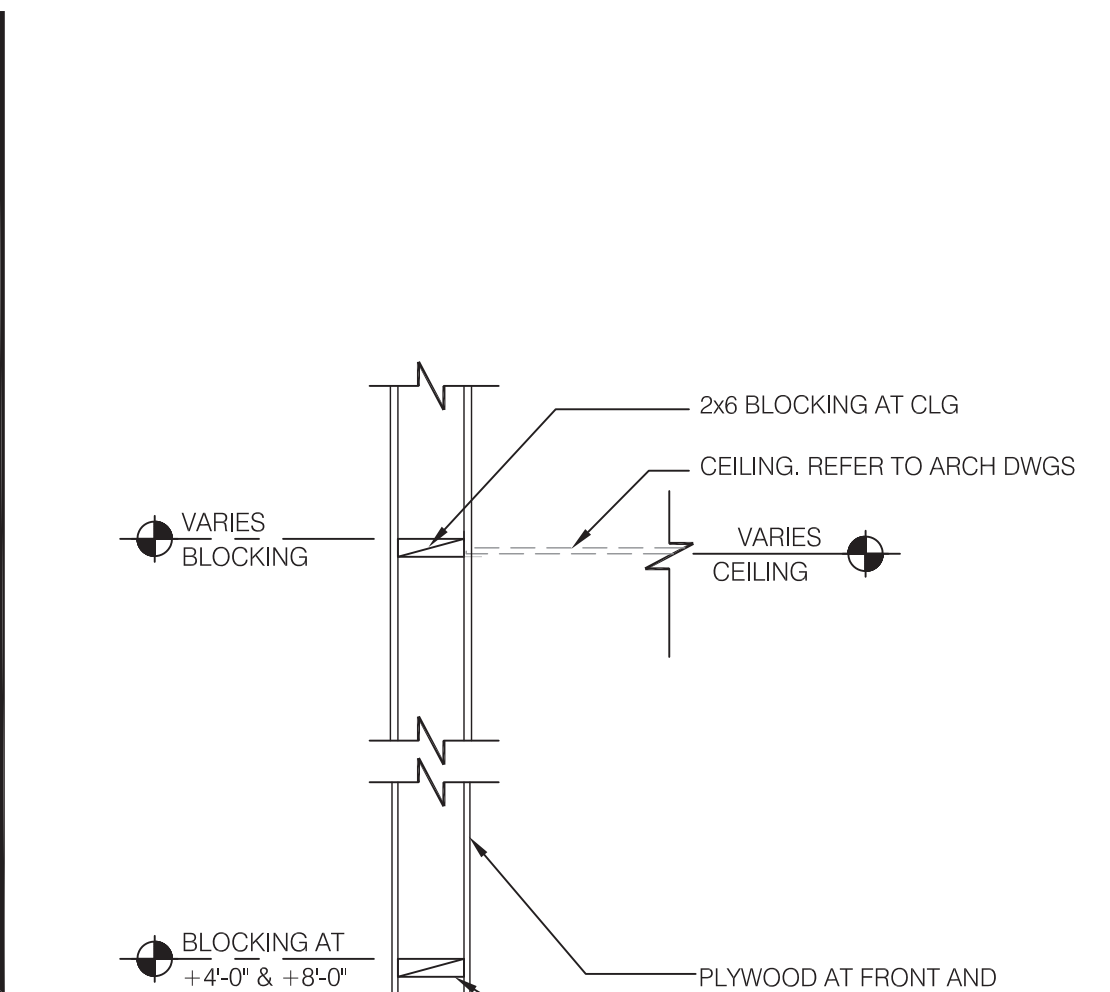
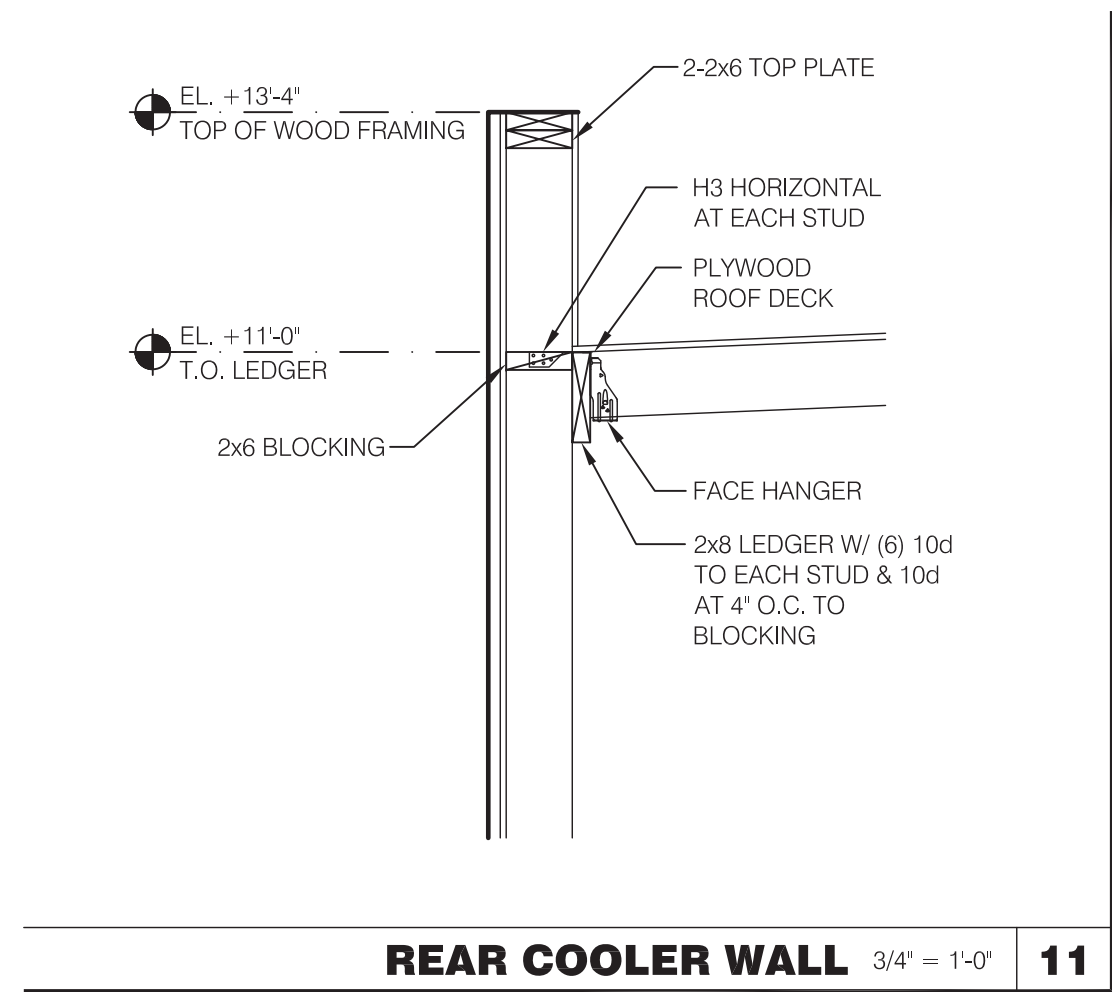
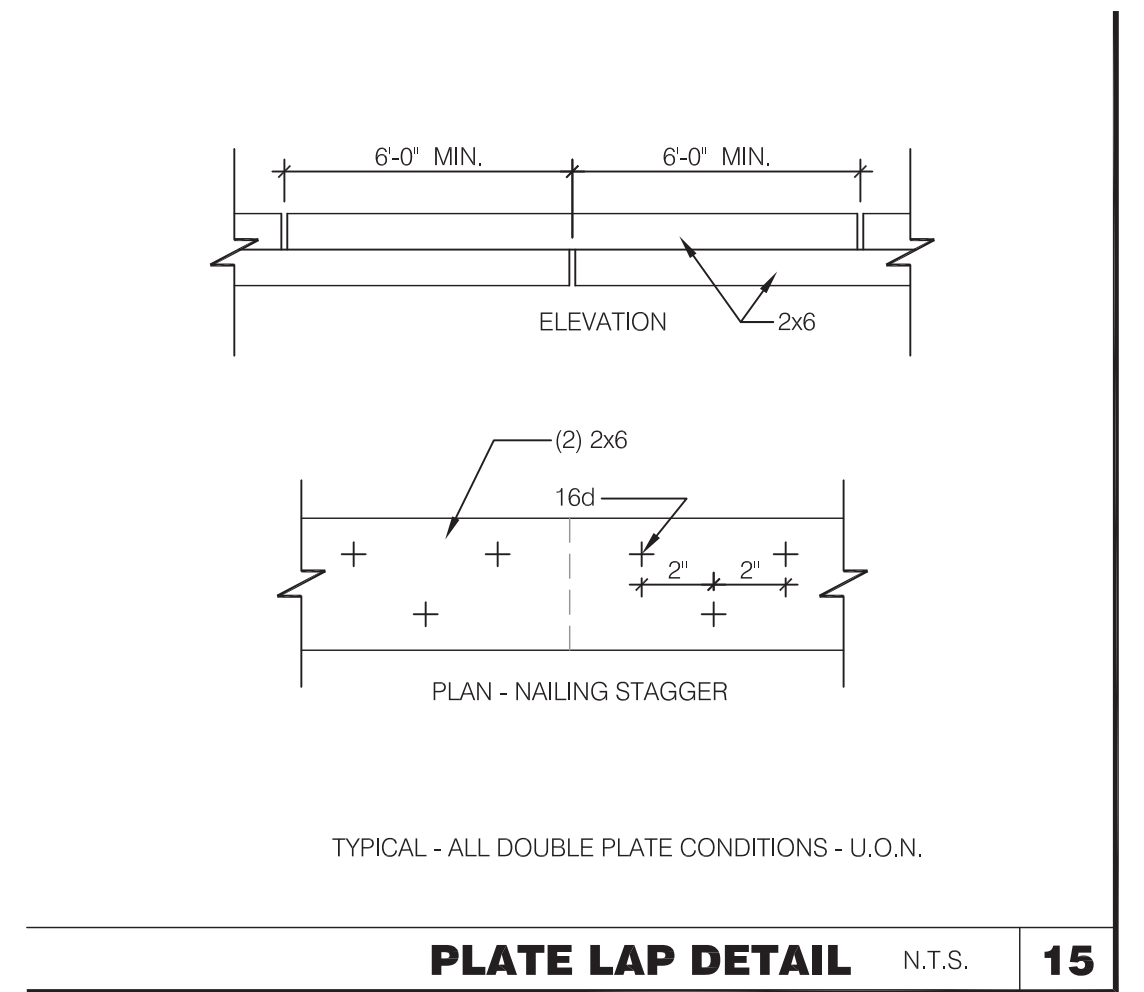
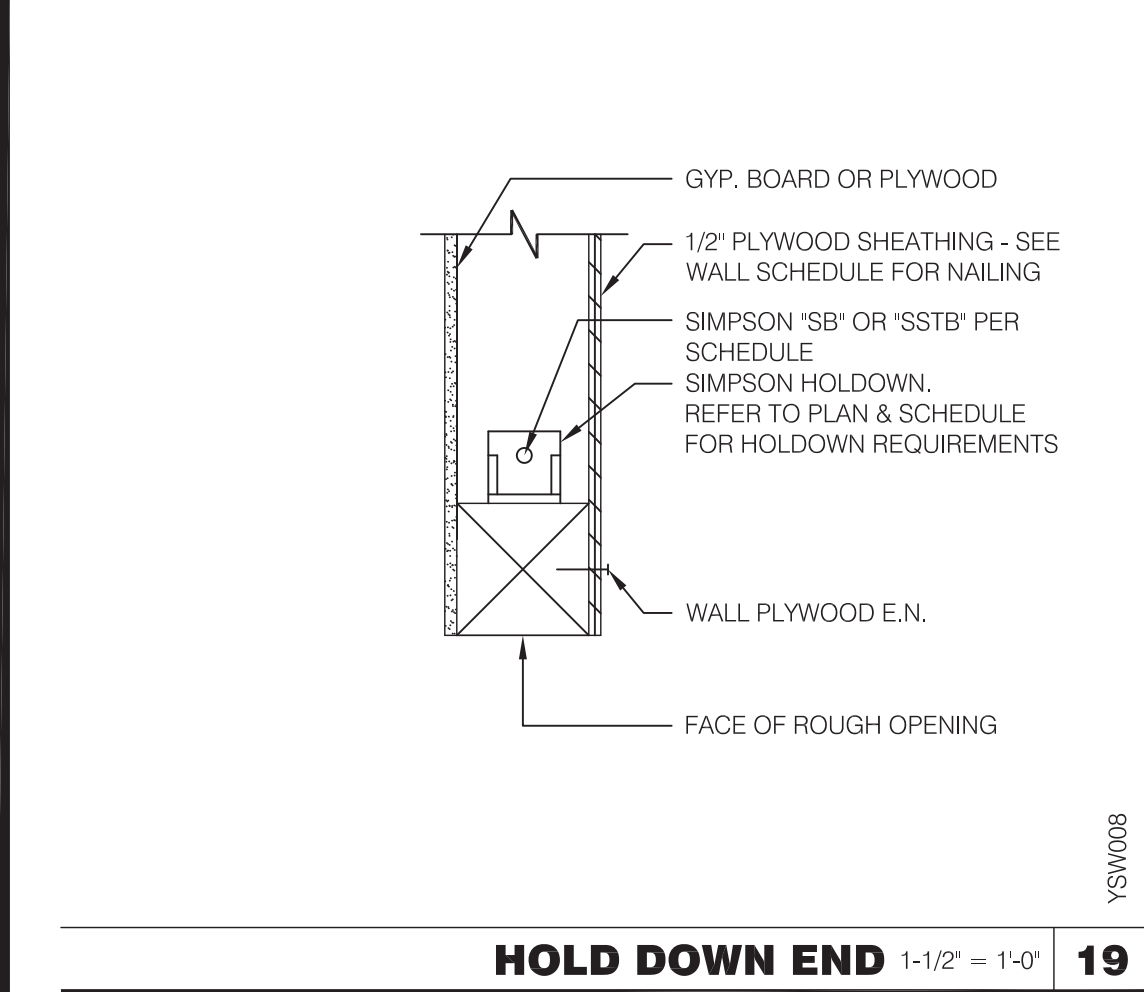
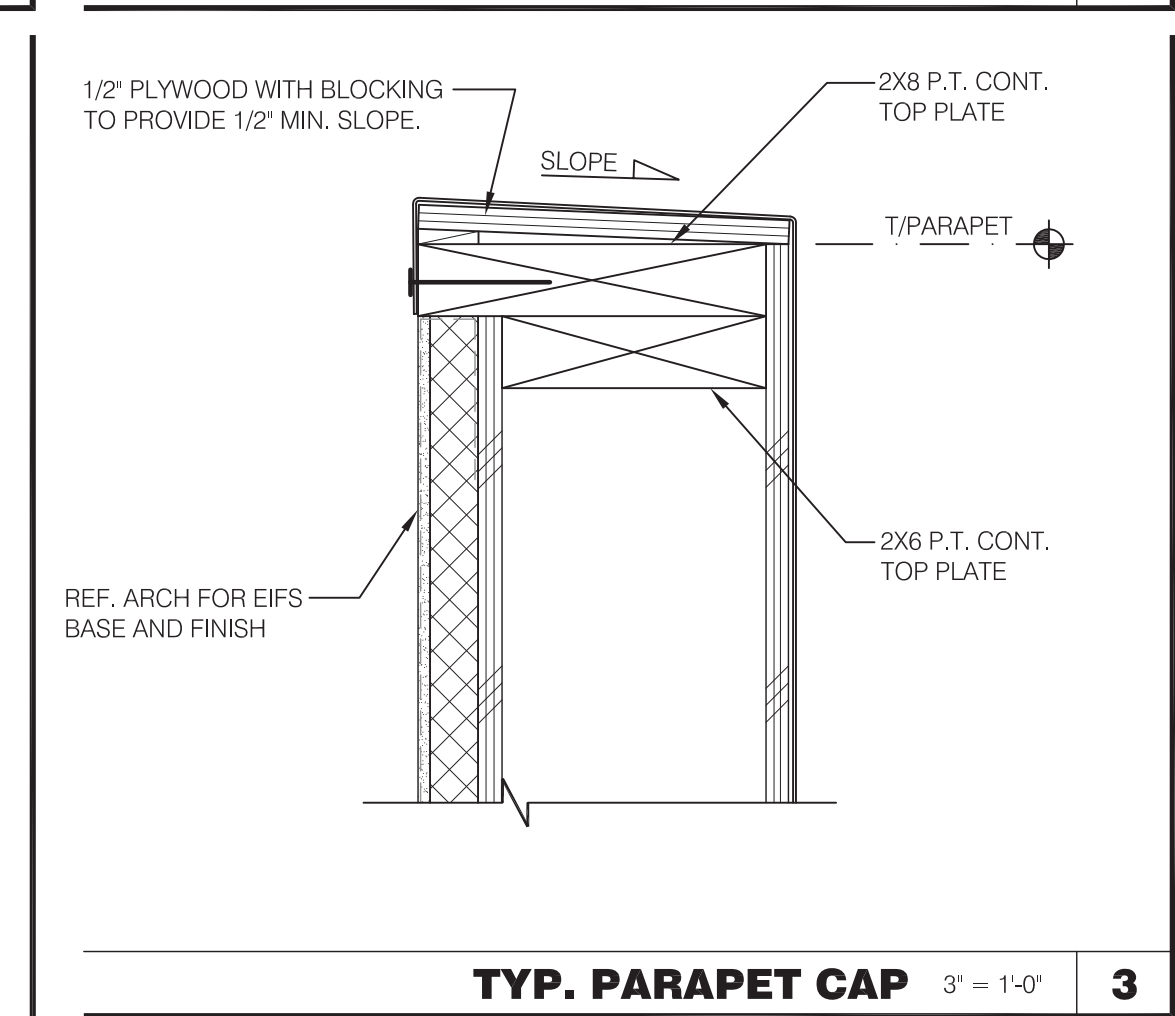
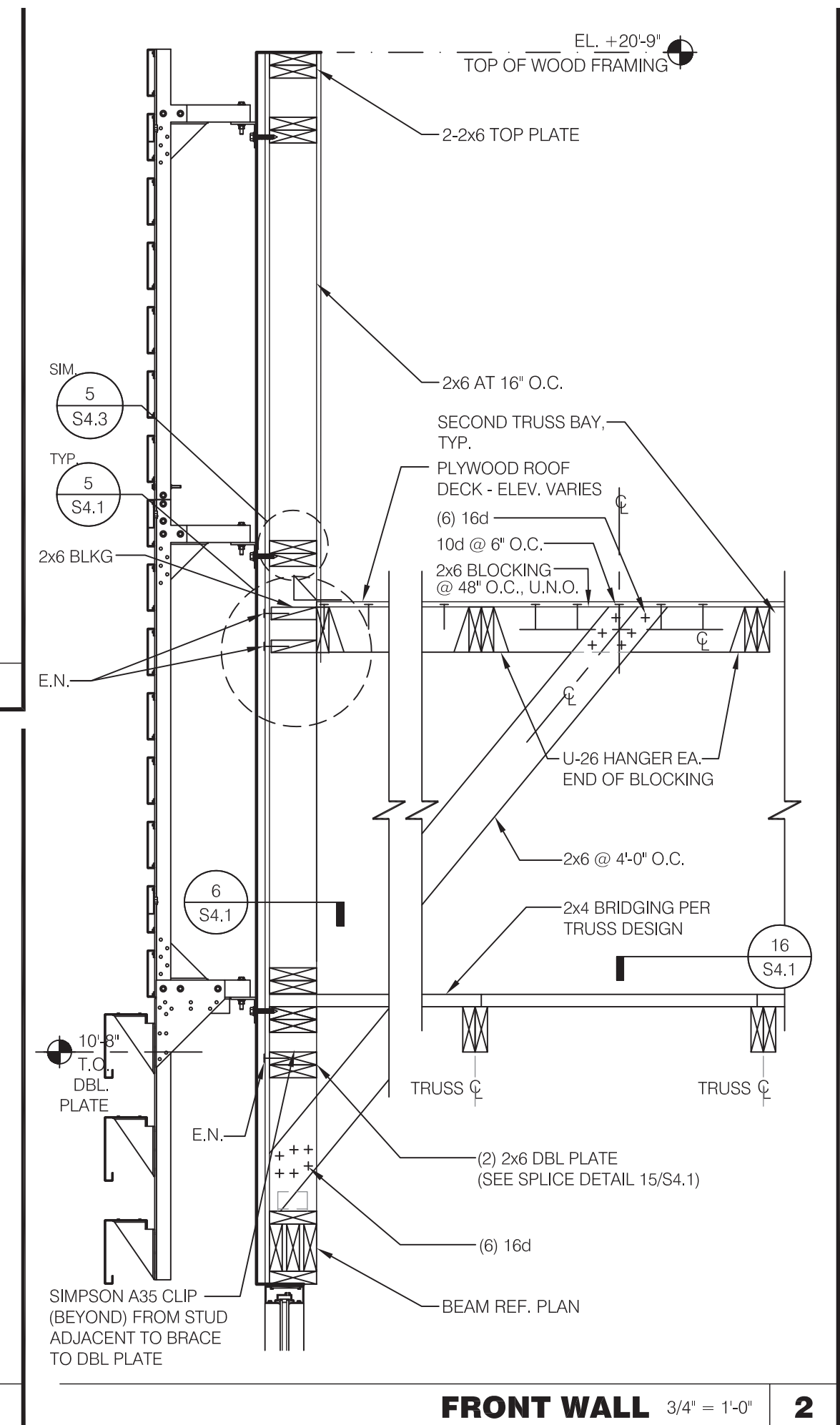
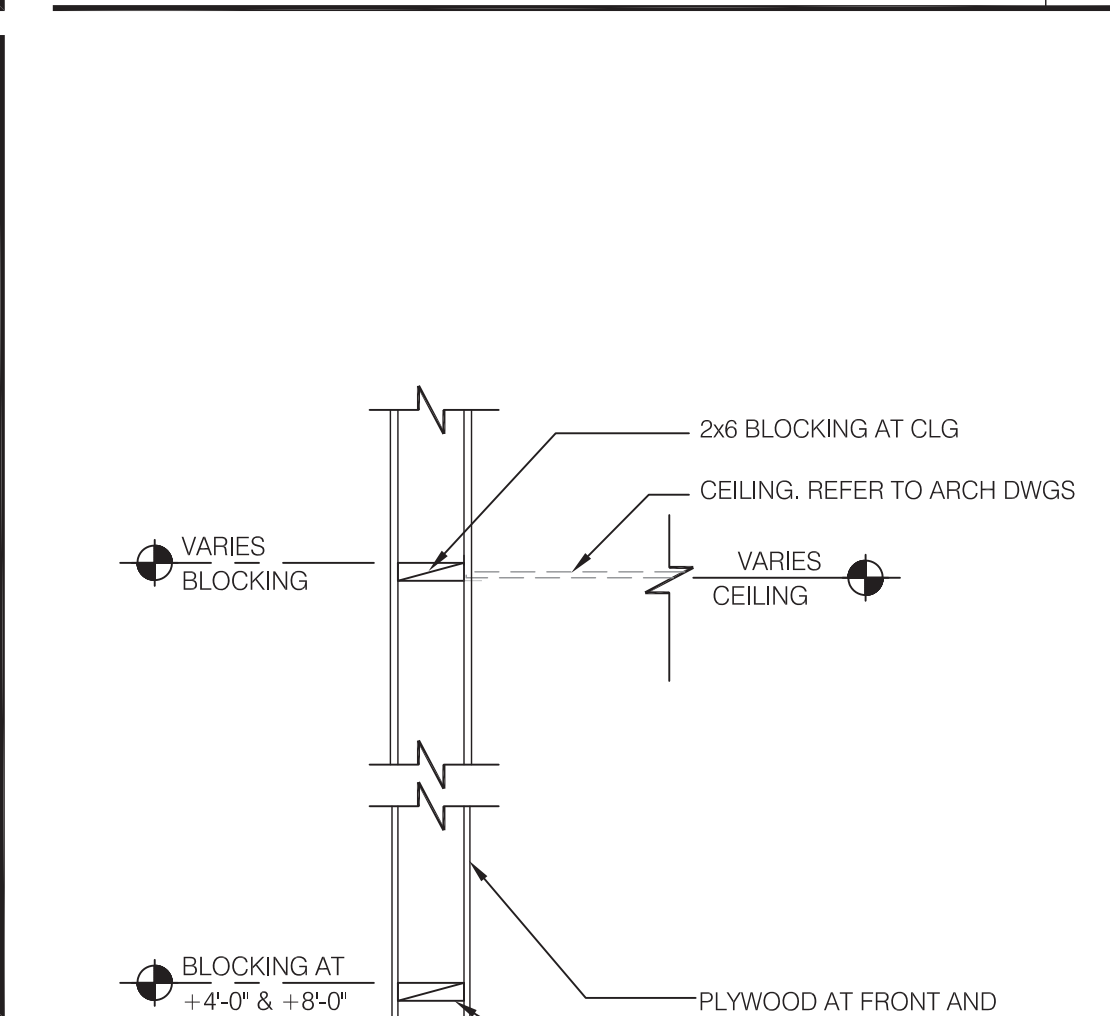
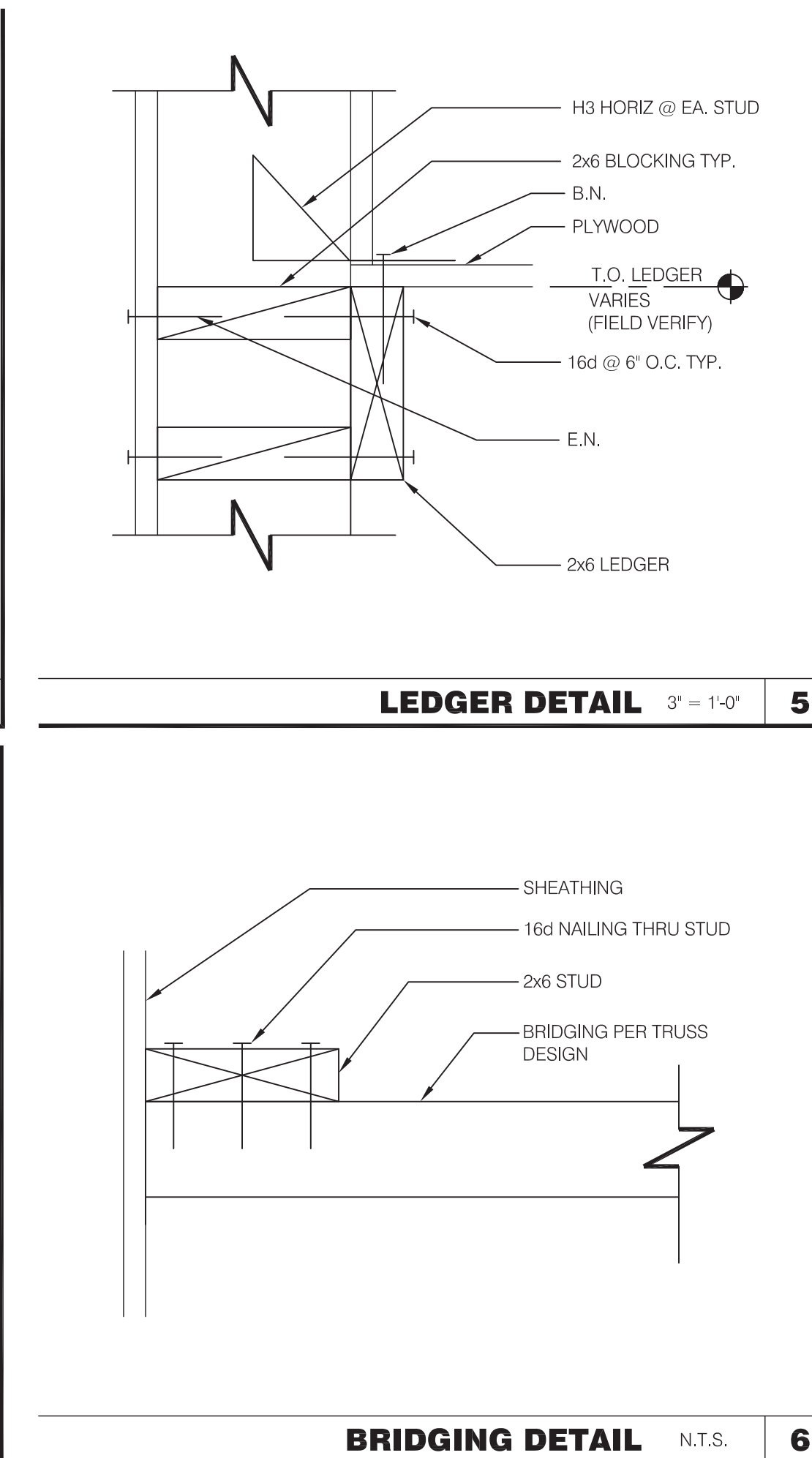
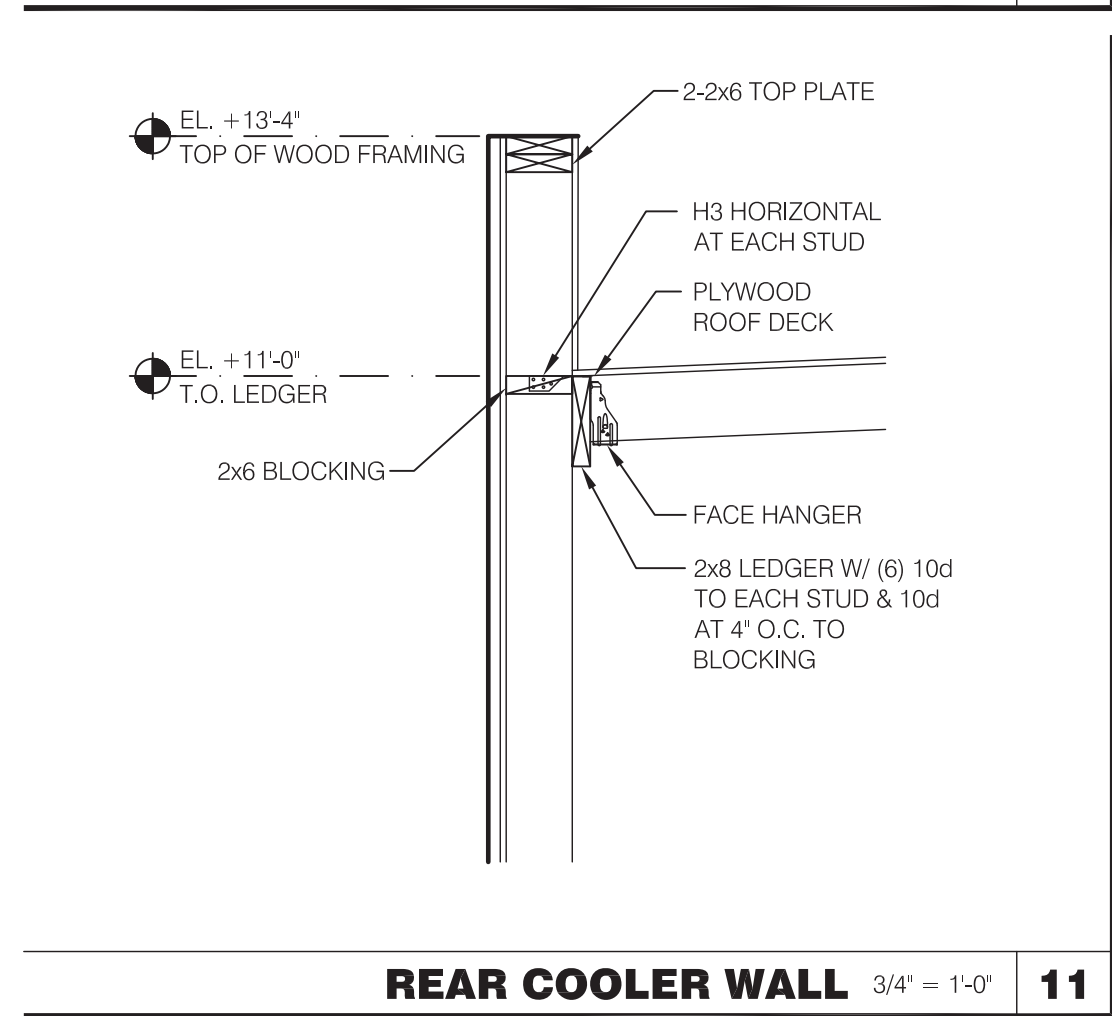
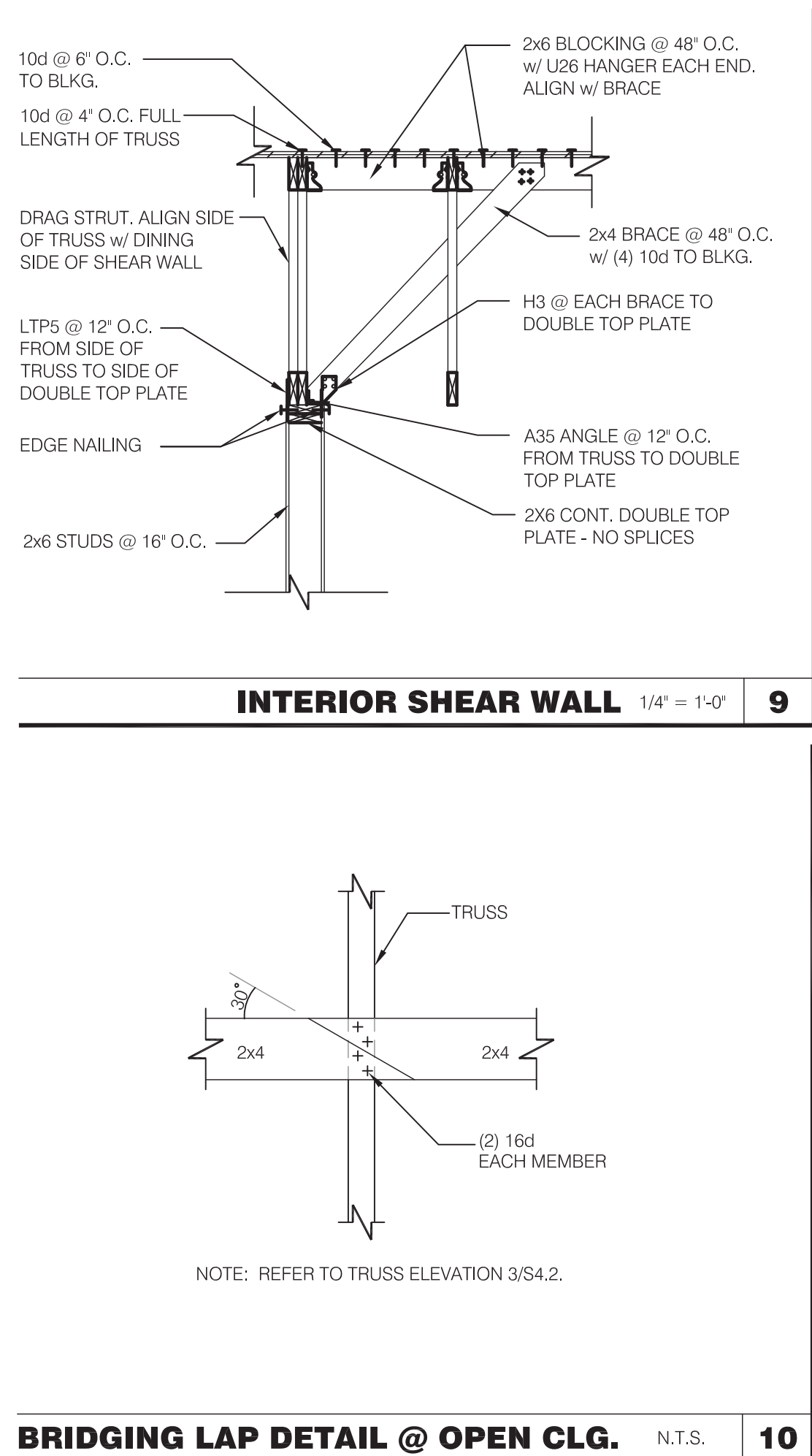
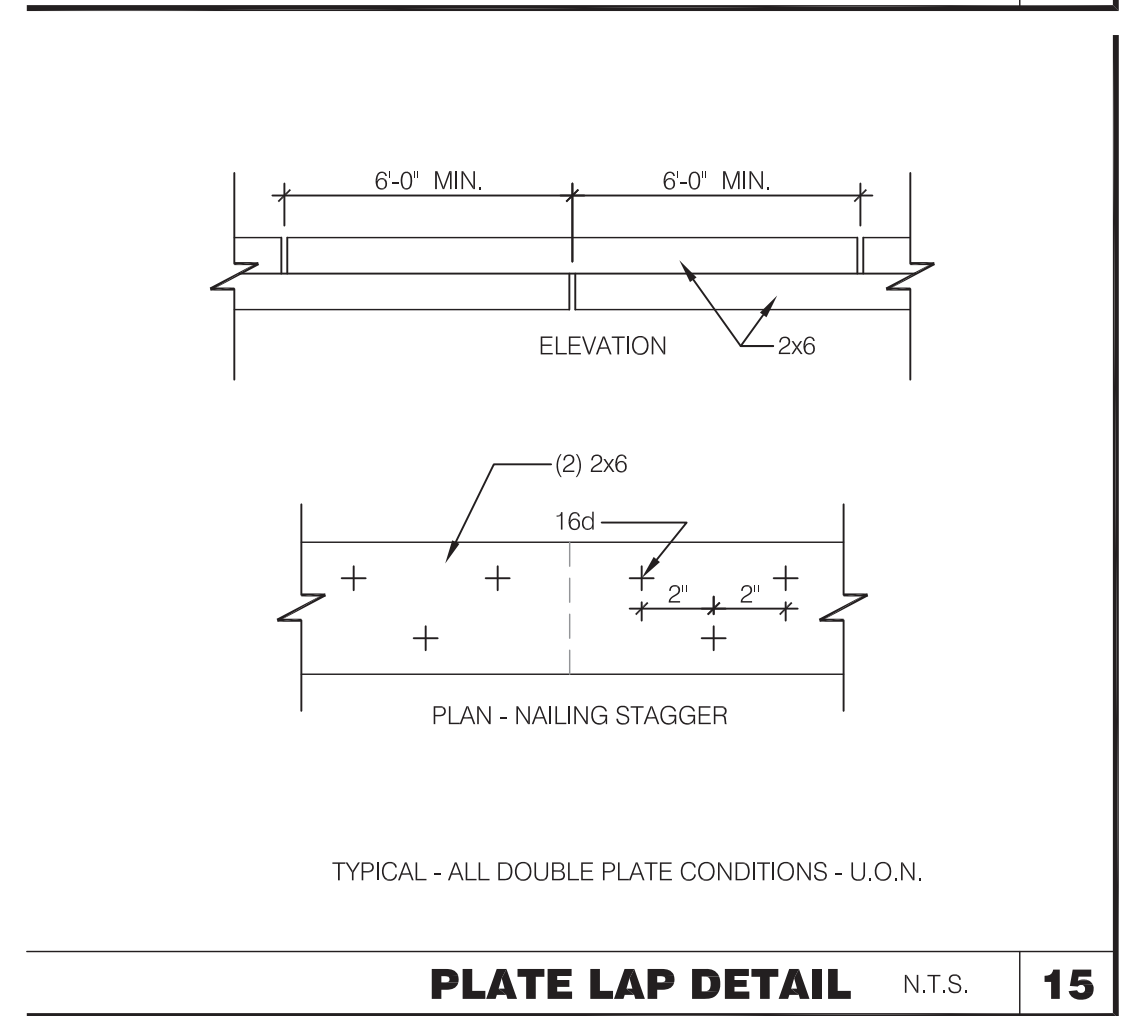
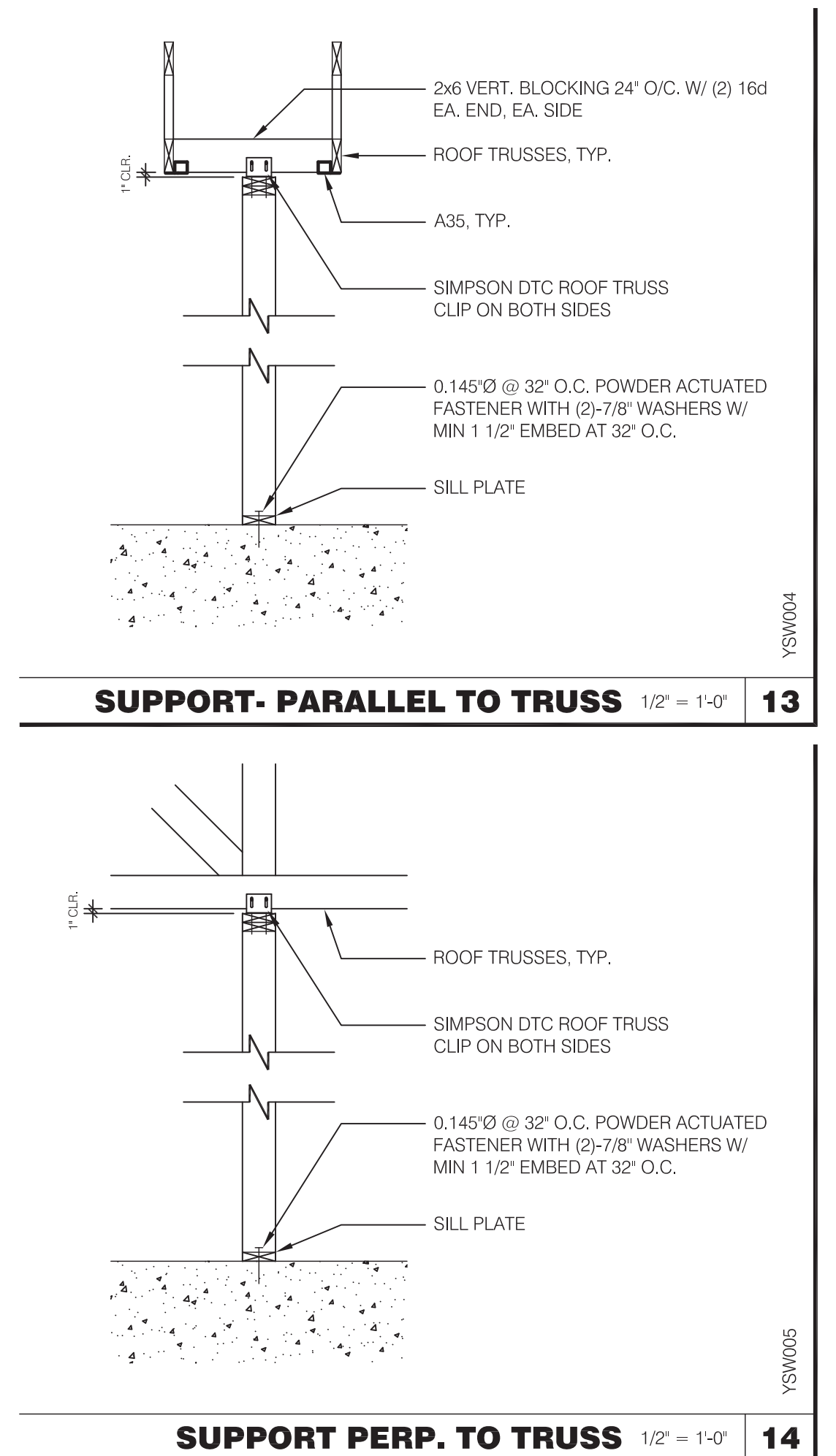
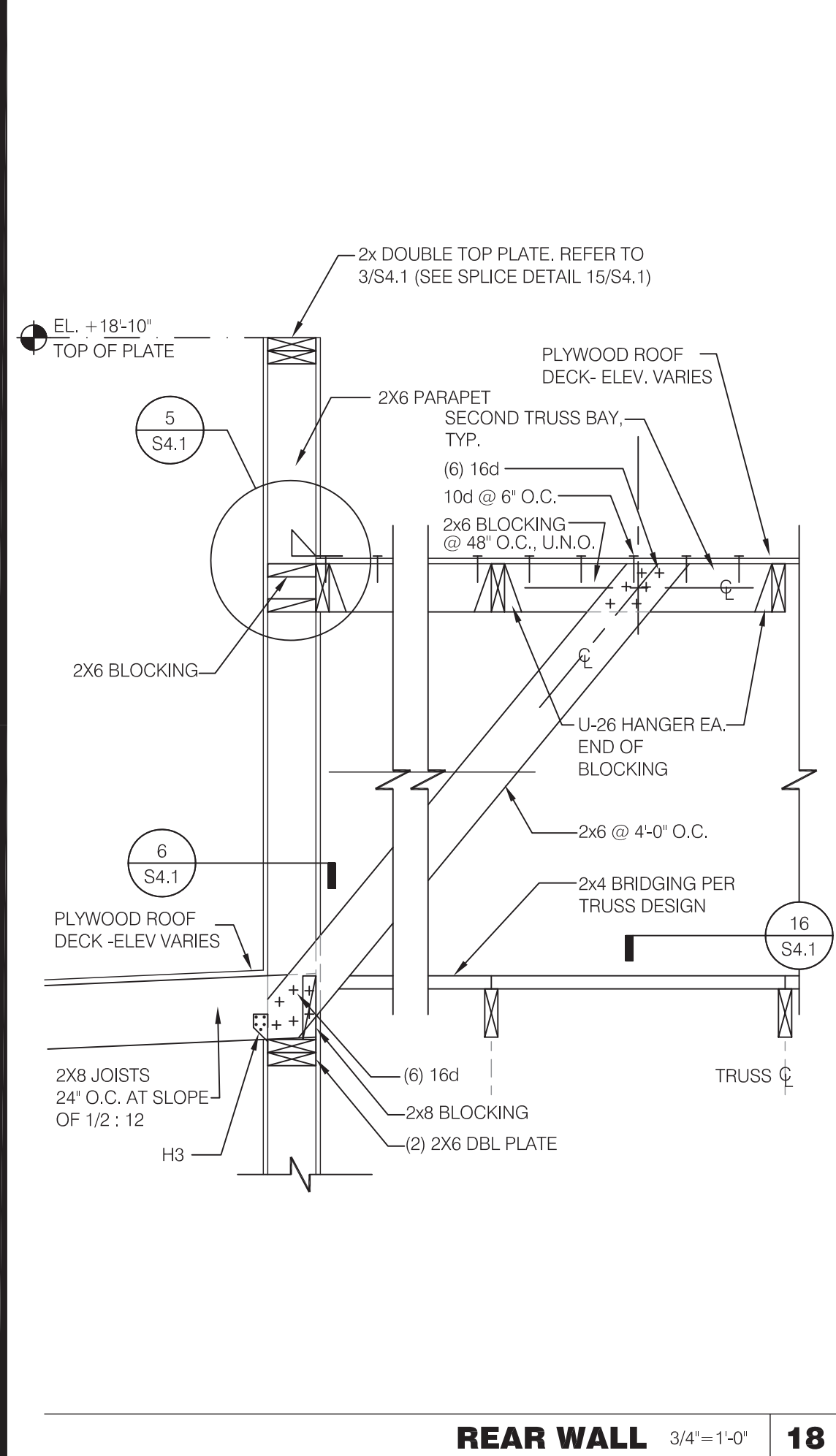
NOT USED N.T.S. **20**



NOT USED NTS **16**



NOT USED NTS **12**



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Trav C. Sweatman

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CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA



STRUCTURAL DETAILS
S4.1
 PERMIT PLOT DATE: 07.30.15

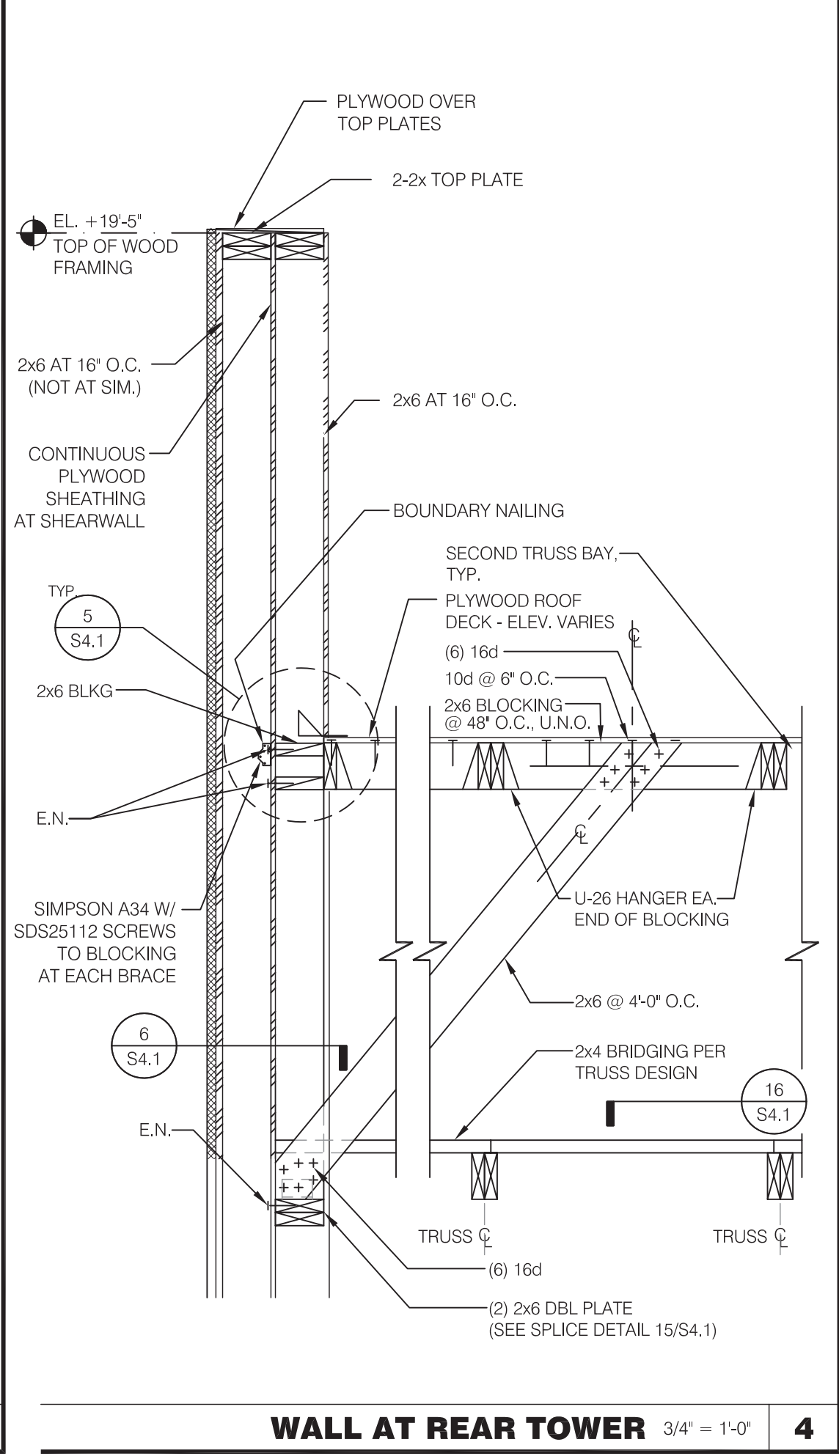
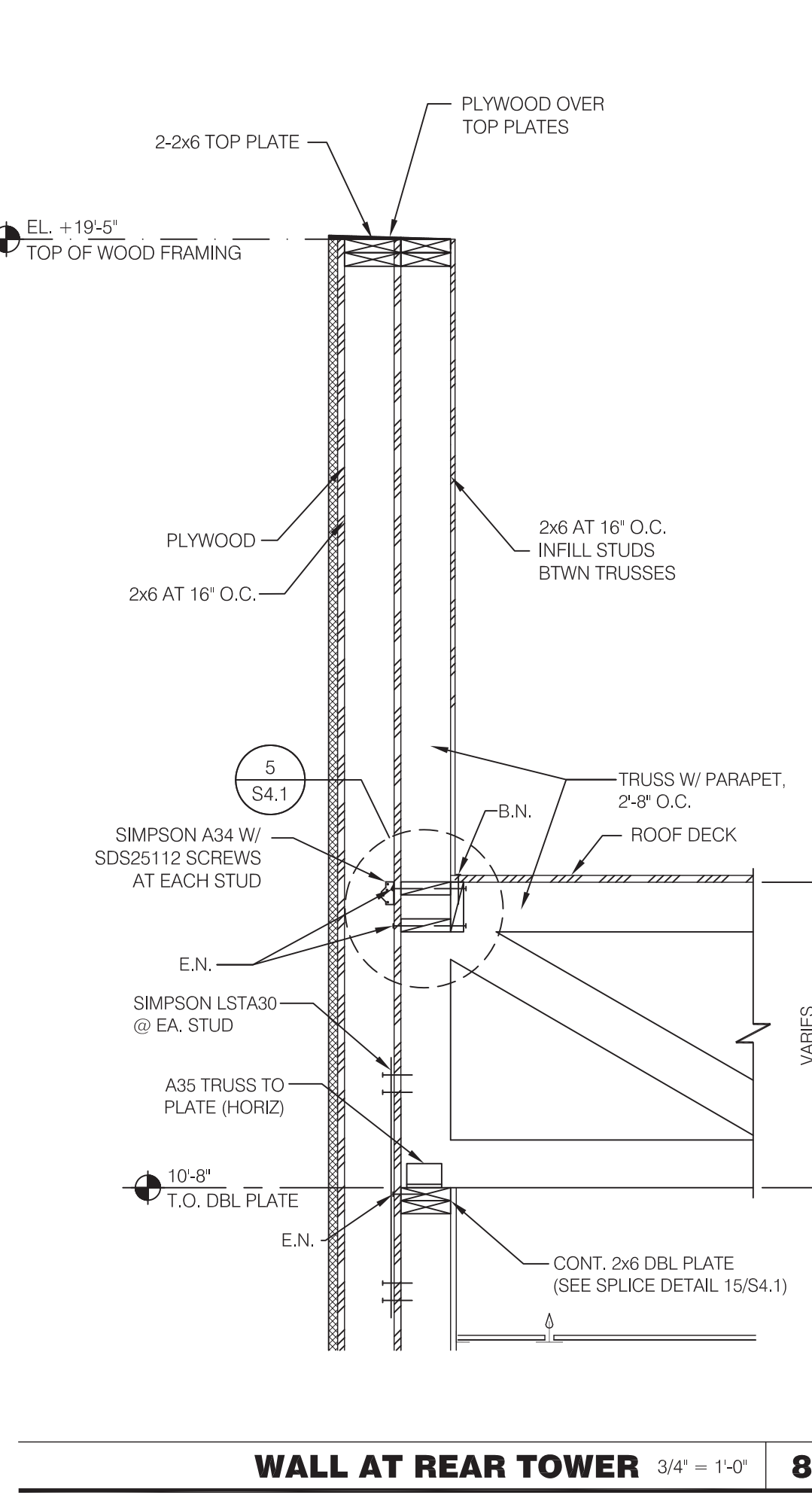
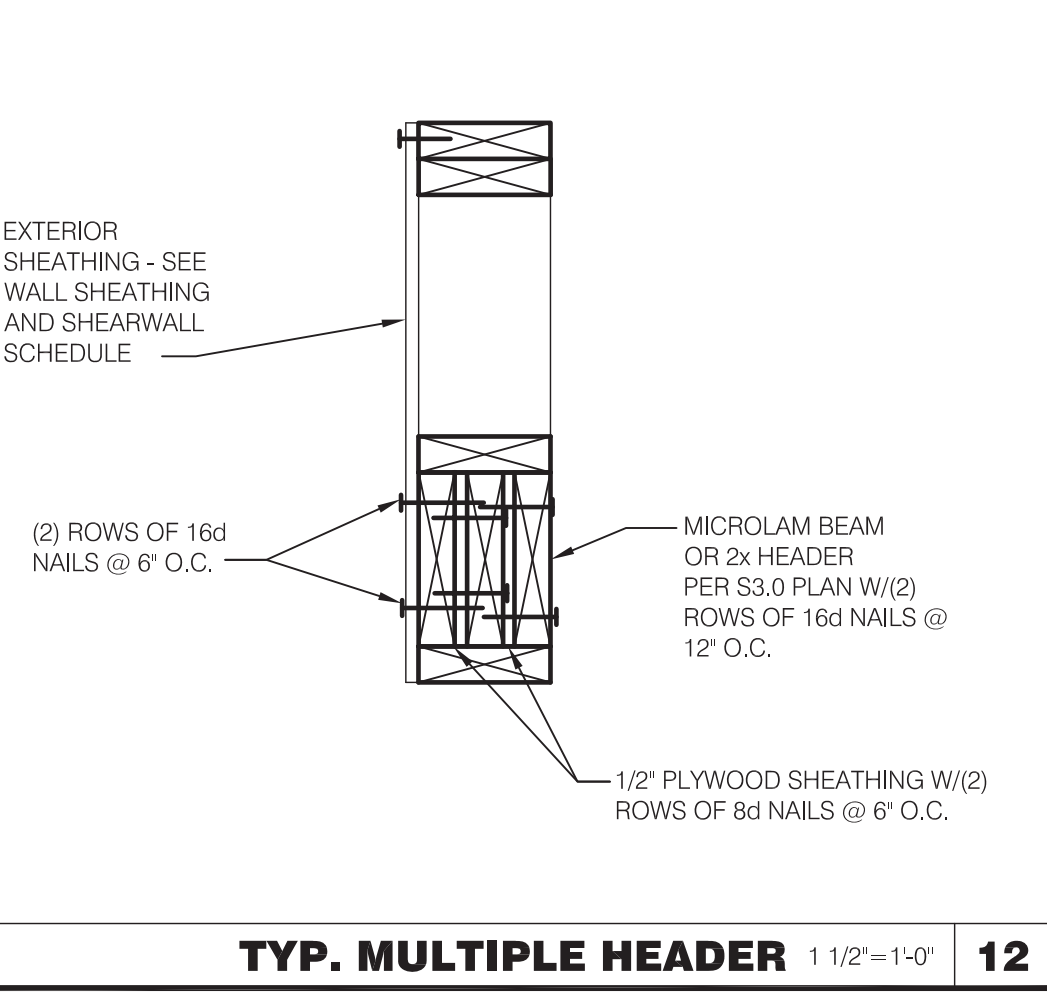
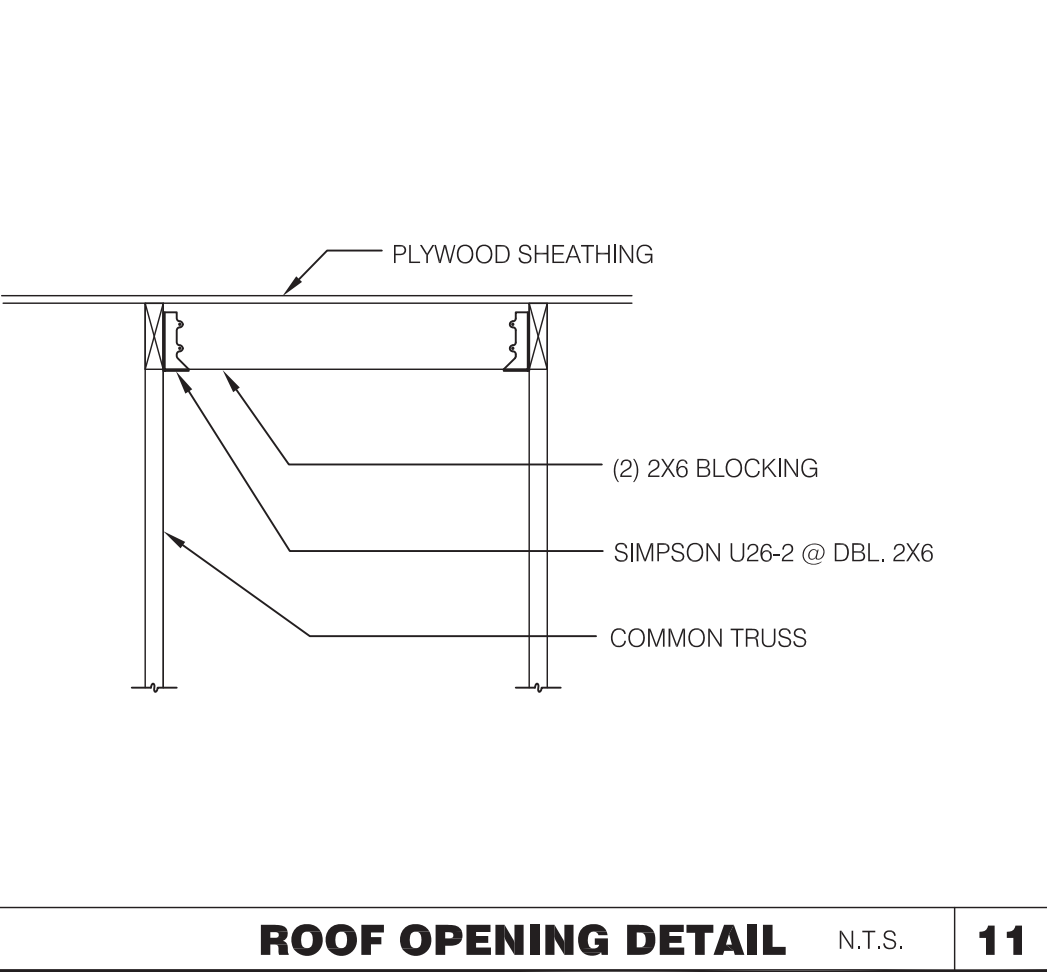
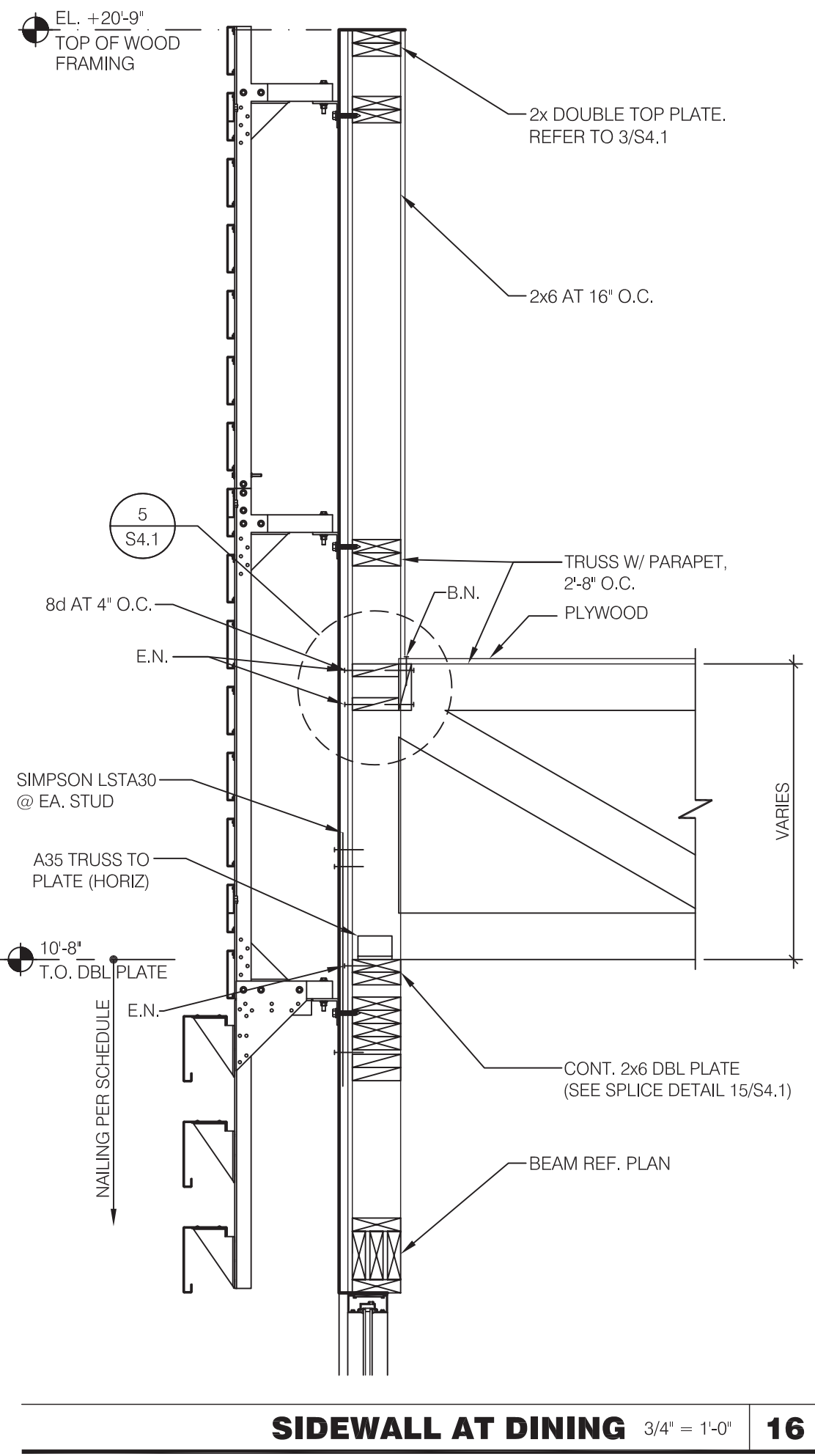
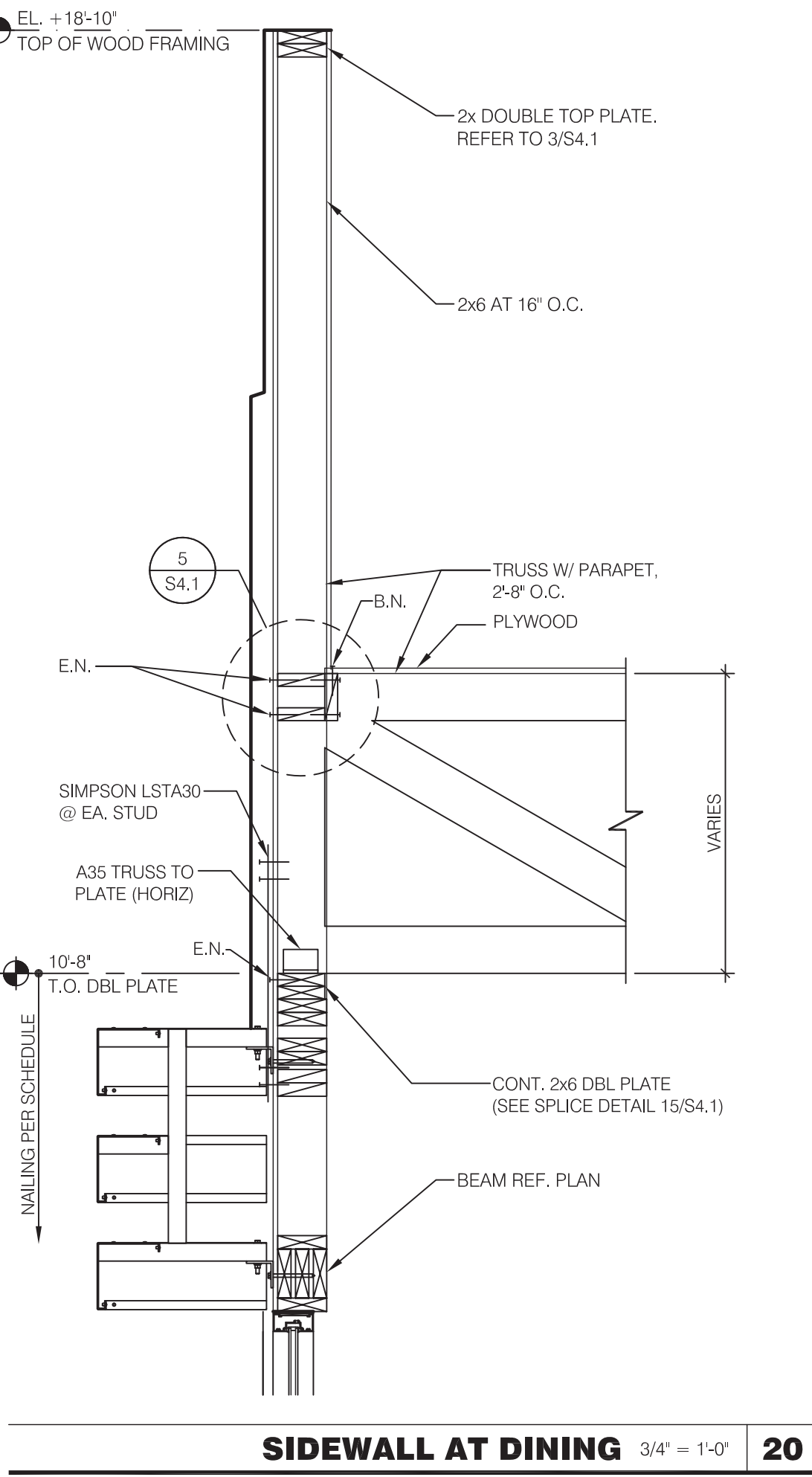
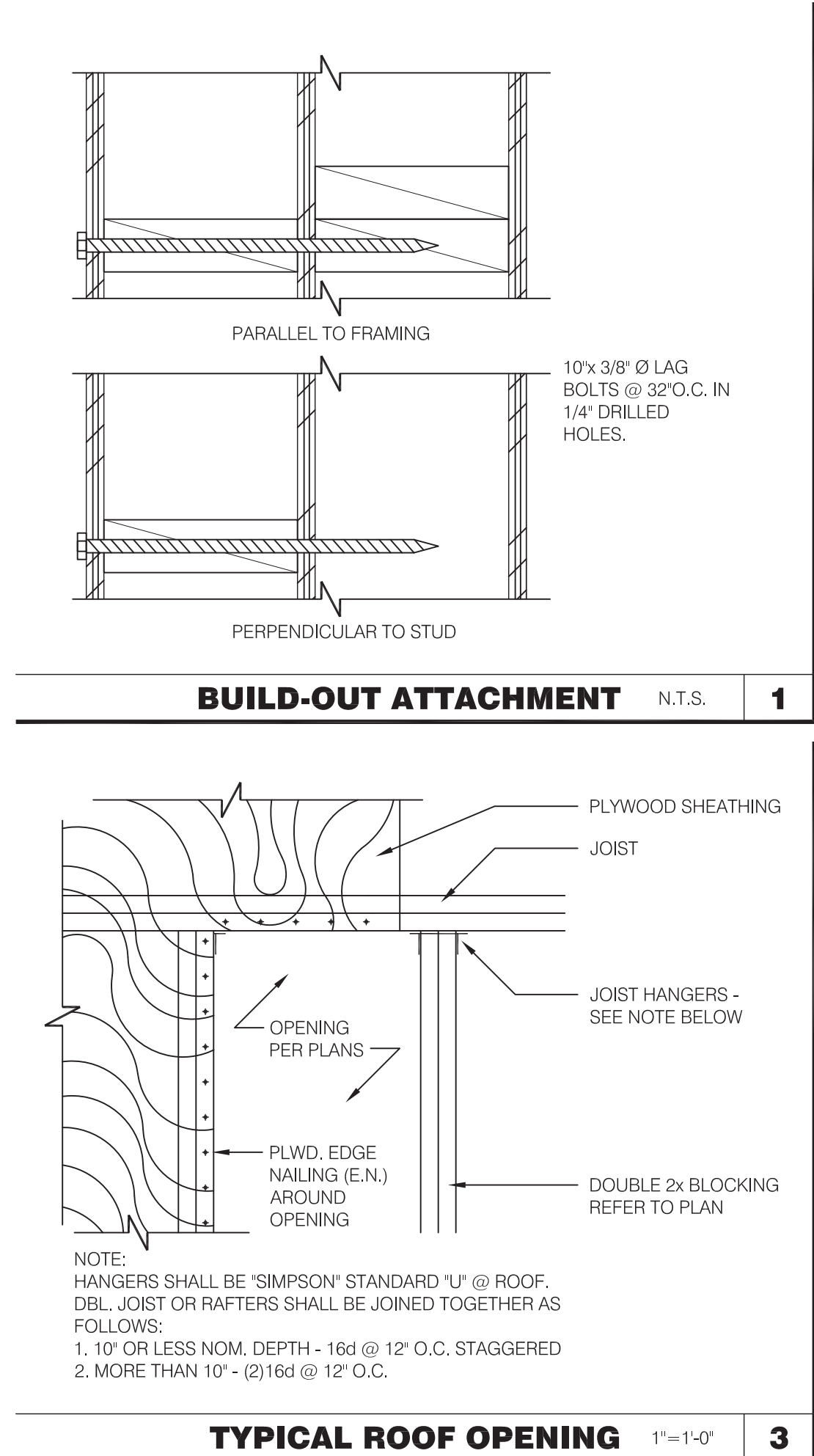
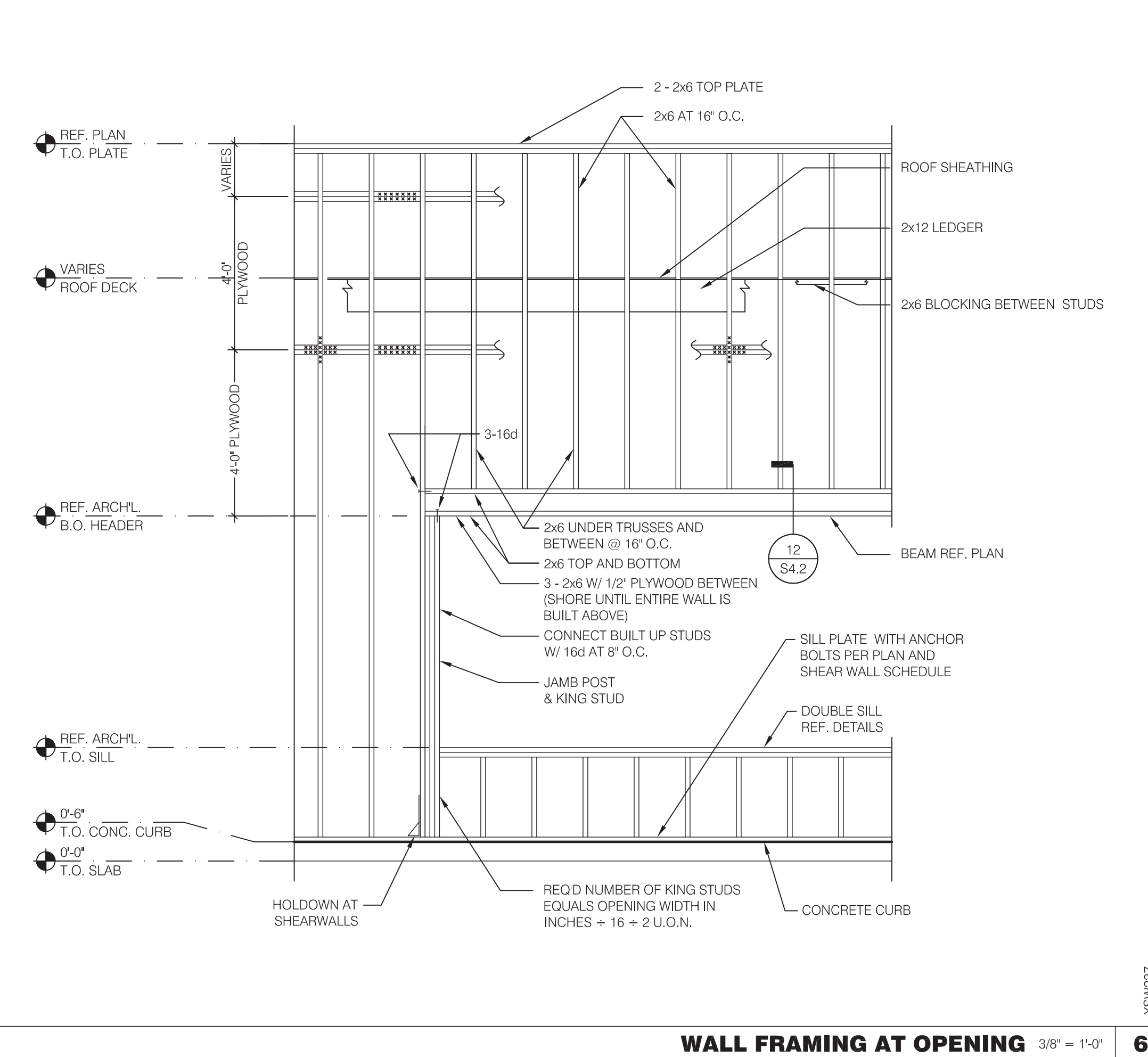
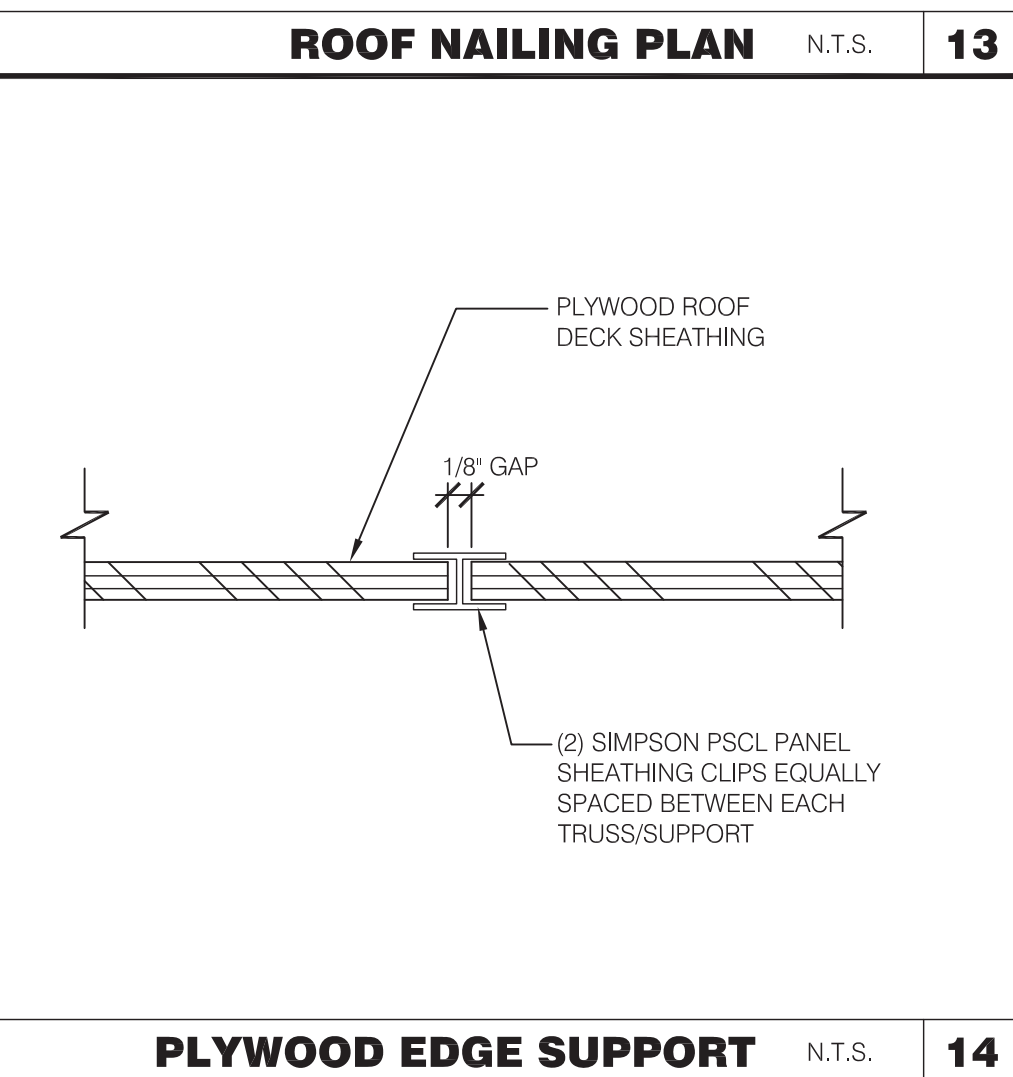
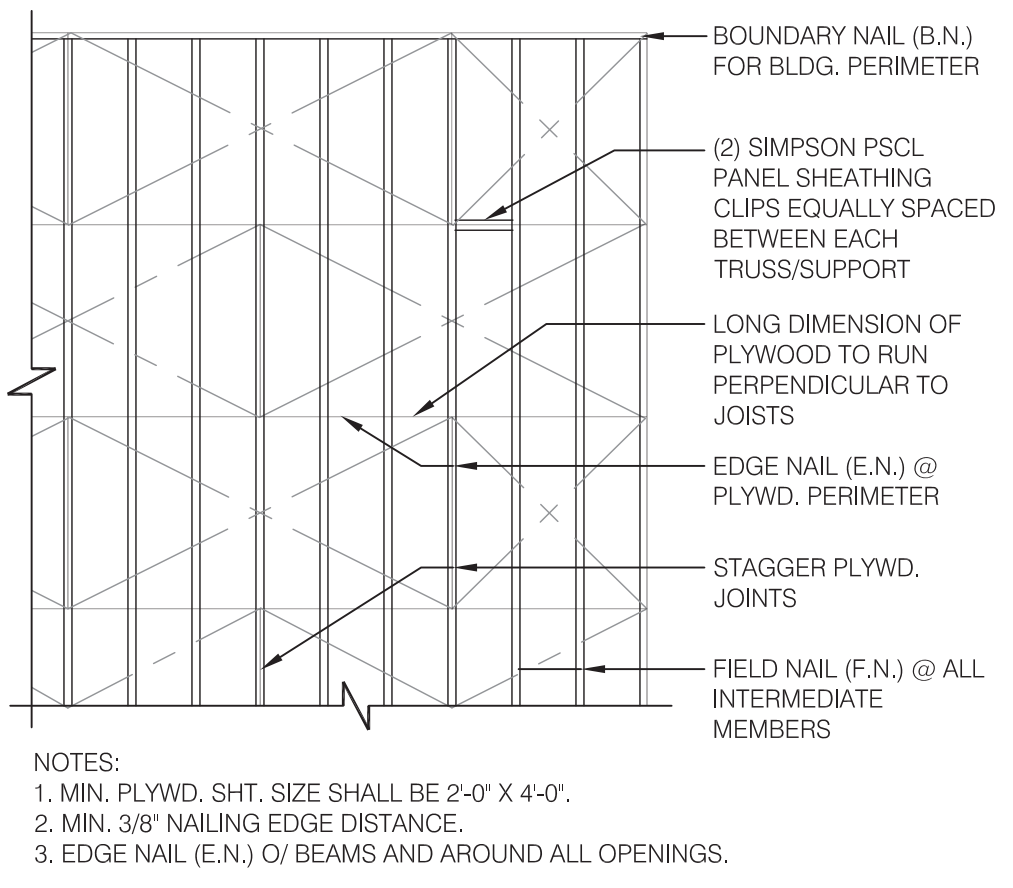
CONNECTION TYPE:

1. JOIST TO SILL OR GIRDER, TOENAIL (3-8d)
2. BRIDGING TO JOIST, TOENAIL EACH END (2-8d)
3. 1"x6" (25MMx152MM) SUBFLOOR OR LESS TO JOIST, FACE NAIL (2-8d)
4. WIDER THAN 1" X 6" (25MMx152MM) SUBFLOOR TO JOIST, FACE NAIL (3-8d)
5. 2" (52MM) SUBFLOOR TO GIRDER, BLIND AND FACE NAIL (2-16d)
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL (16d @ 16" O.C.)
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS (3-16d PER 16")
8. TOP PLATE TO STUD, END NAIL (2-16d)
9. STUD TO SOLE PLATE (2-16d END NAIL)
10. DOUBLE STUDS, FACE NAIL (16d @ 24" O.C.)
11. DOUBLE TOP PLATES, TYPICAL FACE NAIL (16d @ 16" O.C.)
12. DOUBLE TOP PLATES, LAP SPLICE (8-16d)
13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL (3-8d)
14. RIM JOIST TO TOP PLATE, TOENAIL (8d @ 6" O.C.)
15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL (2-16d)
16. CONTINUOUS HEADER, TWO PIECES (16d @ 16" O.C. ALONG EDGE)
17. CEILING JOISTS TO PLATE, TOENAIL (3-8d)
18. CONTINUOUS HEADER TO STUD, TOENAIL (4-8d)
19. CEILING JOISTS, LAP OVER PARTITIONS, FACE NAIL (3-16d)
20. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL (3-16d)
21. RAFTER TO PLATE, TOENAIL (3-8d)
22. 1" (25MM) BRACE TO EACH STUD AND PLATE, FACE NAIL (2-8d)
23. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL (2-8d)
24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL (3-8d)
25. BUILT-UP CORNER STUDS (16d @ 24" O.C.)
26. 2" PLANKS (2-16d AT EACH SPLICE)
27. 2x6 BOX BEAM / HEADER (12d @ 12" O.C.)
28. BUILT-UP GIRDER AND BEAMS (20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE)

NAILING:

SYMBOLS

18



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Trav C. Sweatman

COMMONWEALTH OF PENNSYLVANIA
 REGISTERED PROFESSIONAL ENGINEER
 TRAV COLBY SWEATMAN
 ENGINEER PE 081470

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

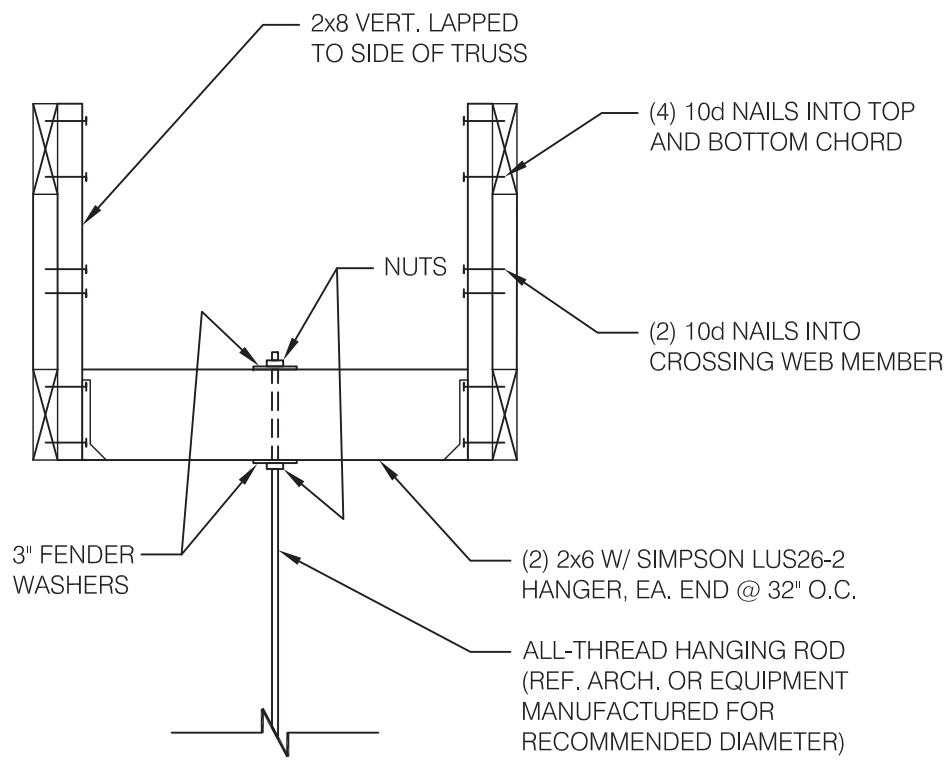
TACO BELL
 US Route 220
 Township of Bedford, PA

LIVE MAS
 LARGE 50

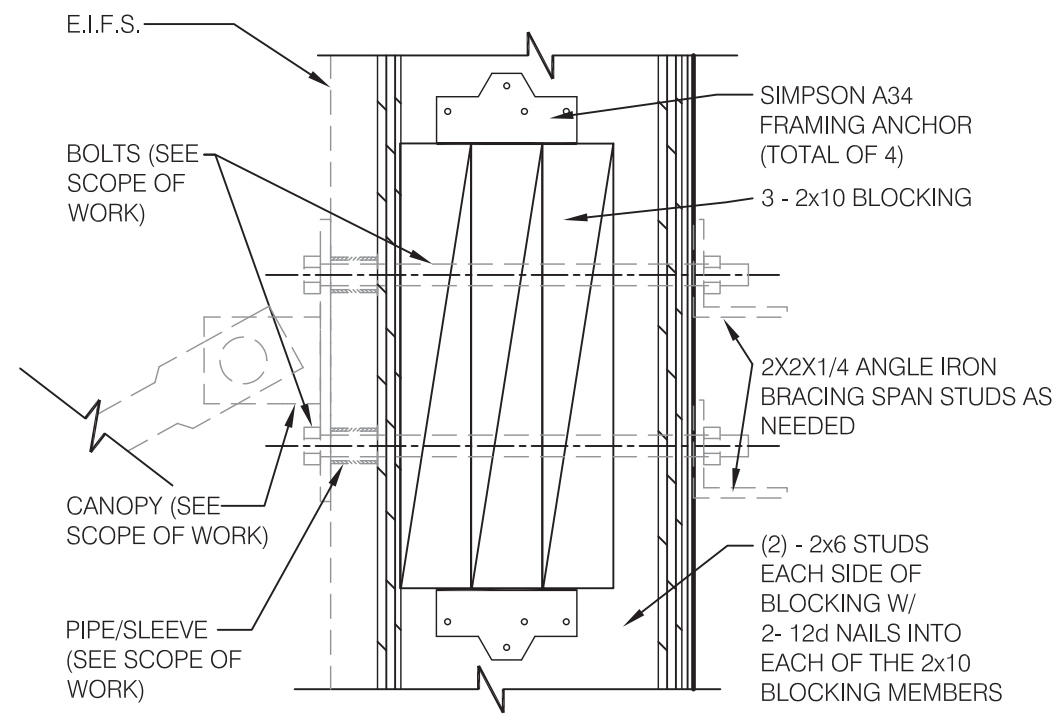
STRUCTURAL DETAILS

S4.2

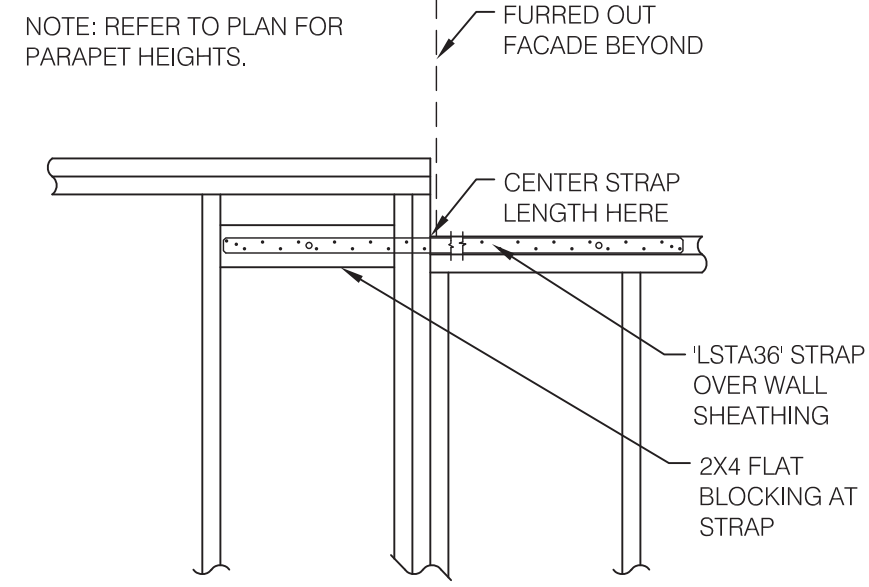
PERMIT PLOT DATE: 07.30.15



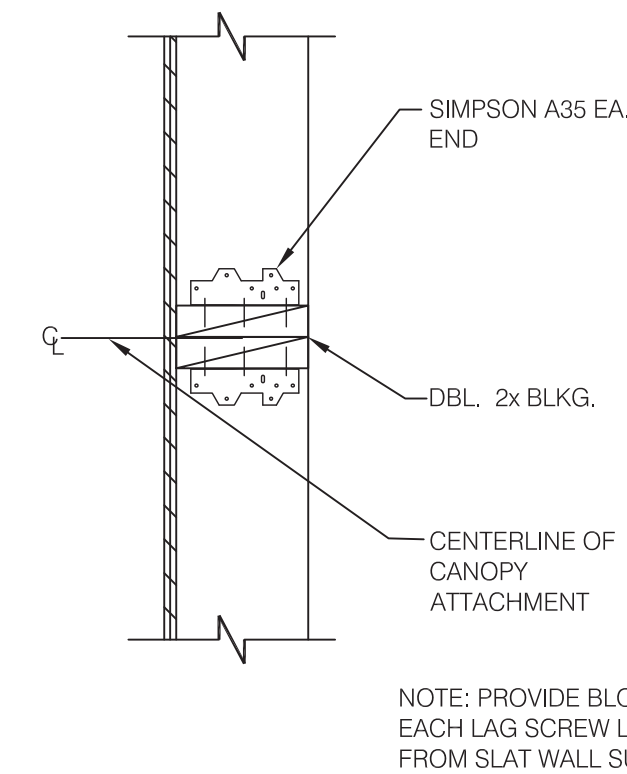
HANGING BULKHD. OR HOOD DETL. N.T.S. **17**



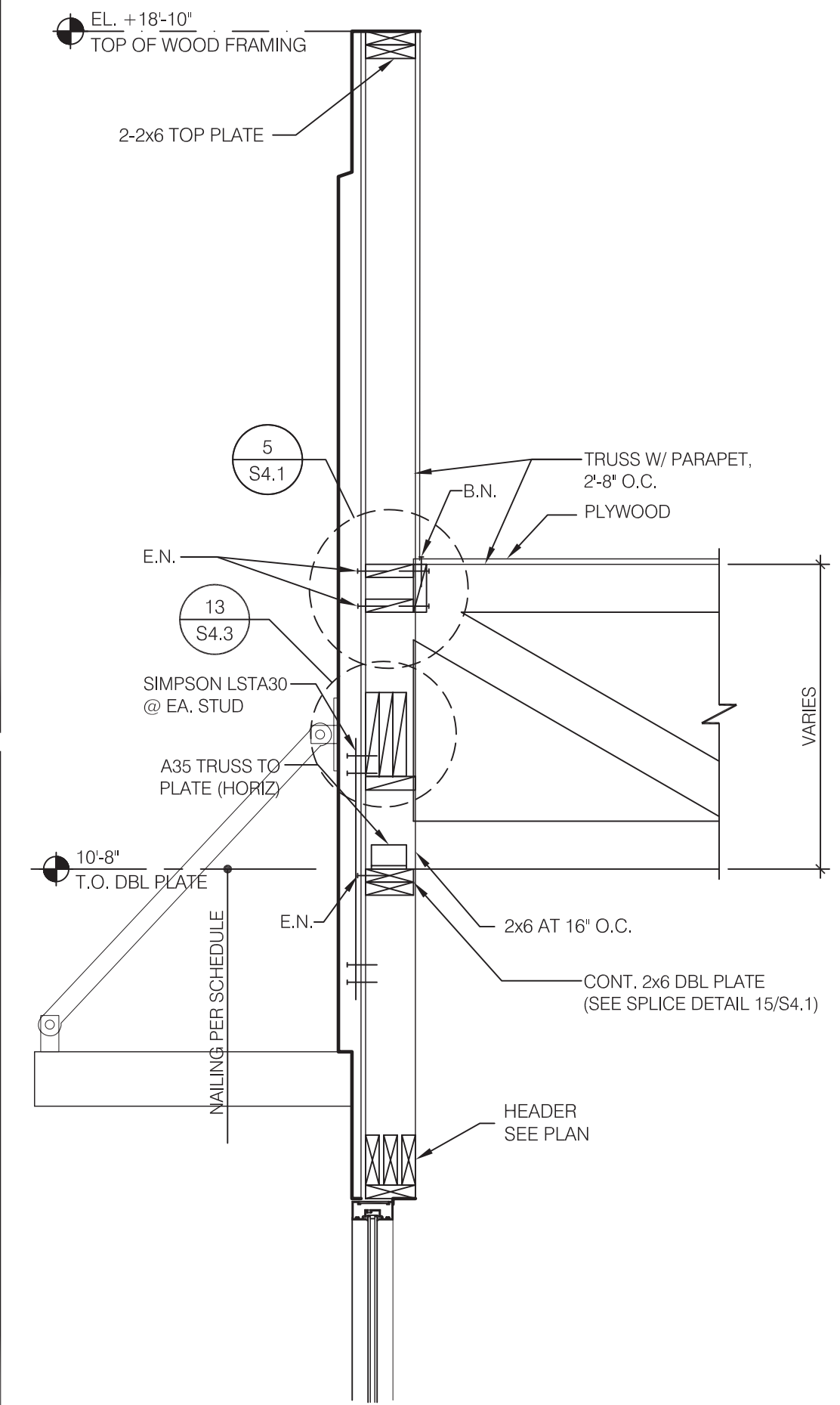
TIE-ROD BLOCKING 3' = 1'-0" **13**



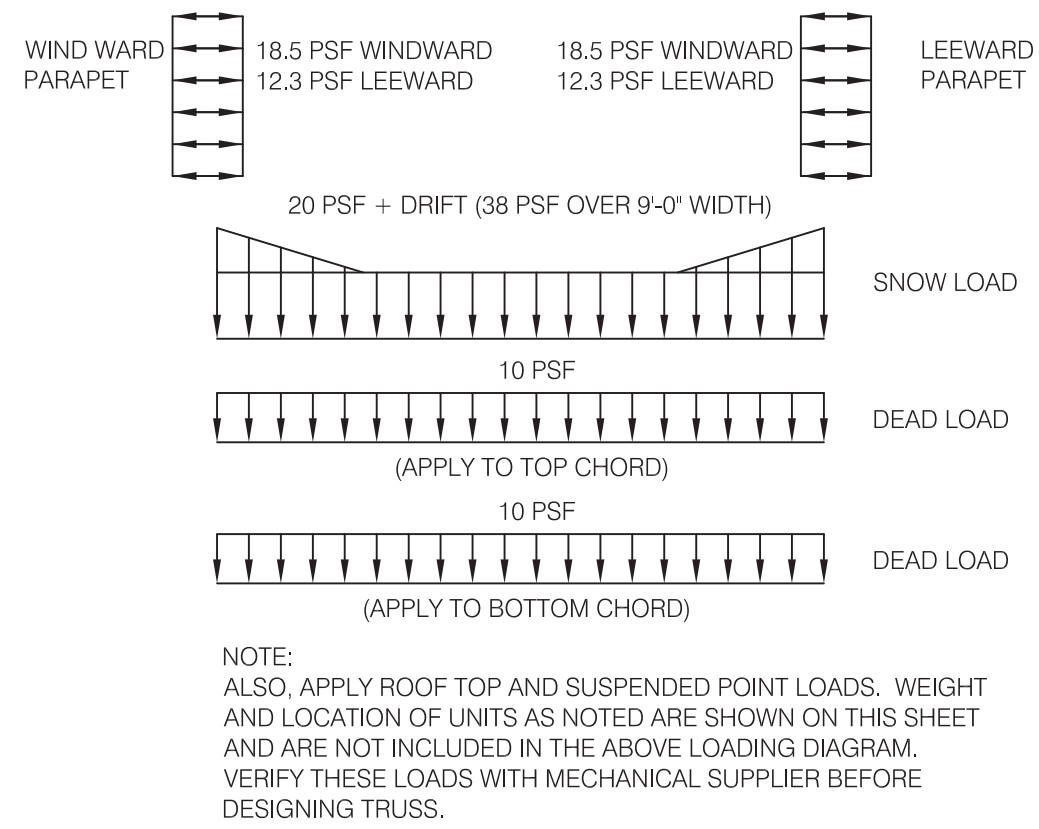
STRAP AT PARAPET HEIGHT TRANS. N.T.S. **9**



SLAT WALL/VALANCE BLOCKING 1-1/2' = 1'-0" **5**



D/T WALL SECTION 3/4" = 1'-0" **2**



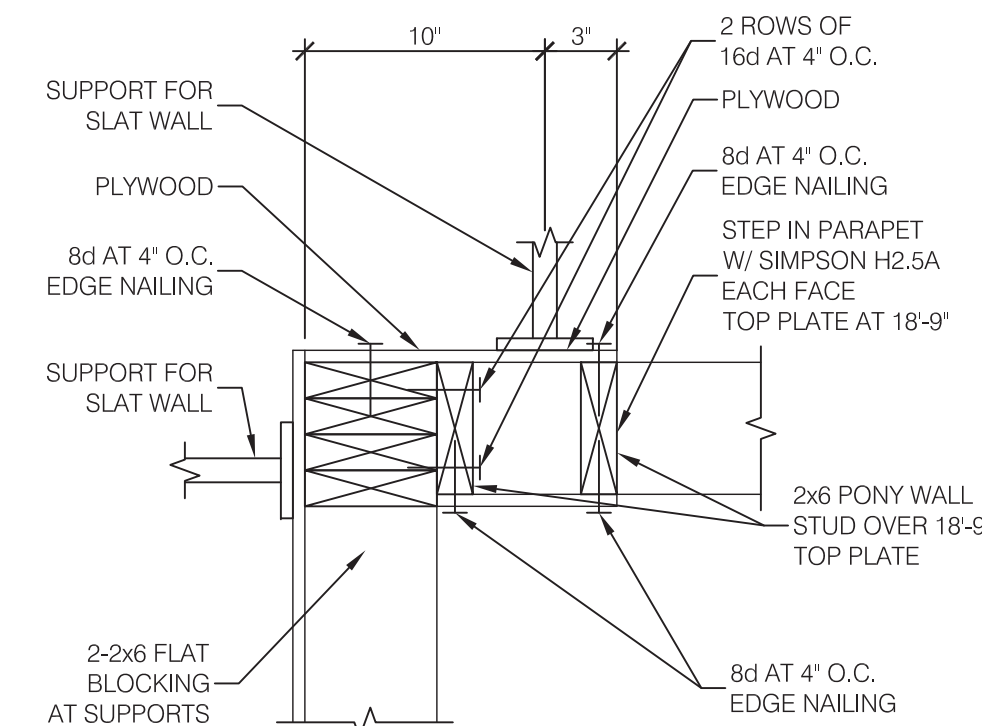
TRUSS DESIGN CRITERIA N.T.S. **18**

EQUIPMENT	DESIGN WEIGHT
HVAC UNIT - RTU-1	★ 1,700 lbs.
HVAC UNIT - RTU-2	★ 2,400 lbs.
EXHAUST FAN - EF-1	★ 200 lbs.
EXHAUST FAN - EF-2	★ 30 lbs.
HOOD #1 - TACO BELL	250 lbs.
ICE CONDENSER #1	200 lbs.
ICE CONDENSER #2	200 lbs.
MUZAK DISH, SLED & BALLAST - ALLOW FOR LOCATION ANYWHERE ON ROOF.	1,087 lbs.

★ A. ALL DESIGN WEIGHTS INCLUDE CURB.
 B. COORDINATE WEIGHTS WITH HVAC UNIT SCHEDULE 1/M1.0.
 C. MAXIMUM RTU WEIGHT: 3,000 LBS.
 D. CONFIRM ALL WEIGHTS WITH ACTUAL ITEMS PROVIDED.

ROOF TOP UNIT WEIGHTS N.T.S. **14**

NOT USED **10**

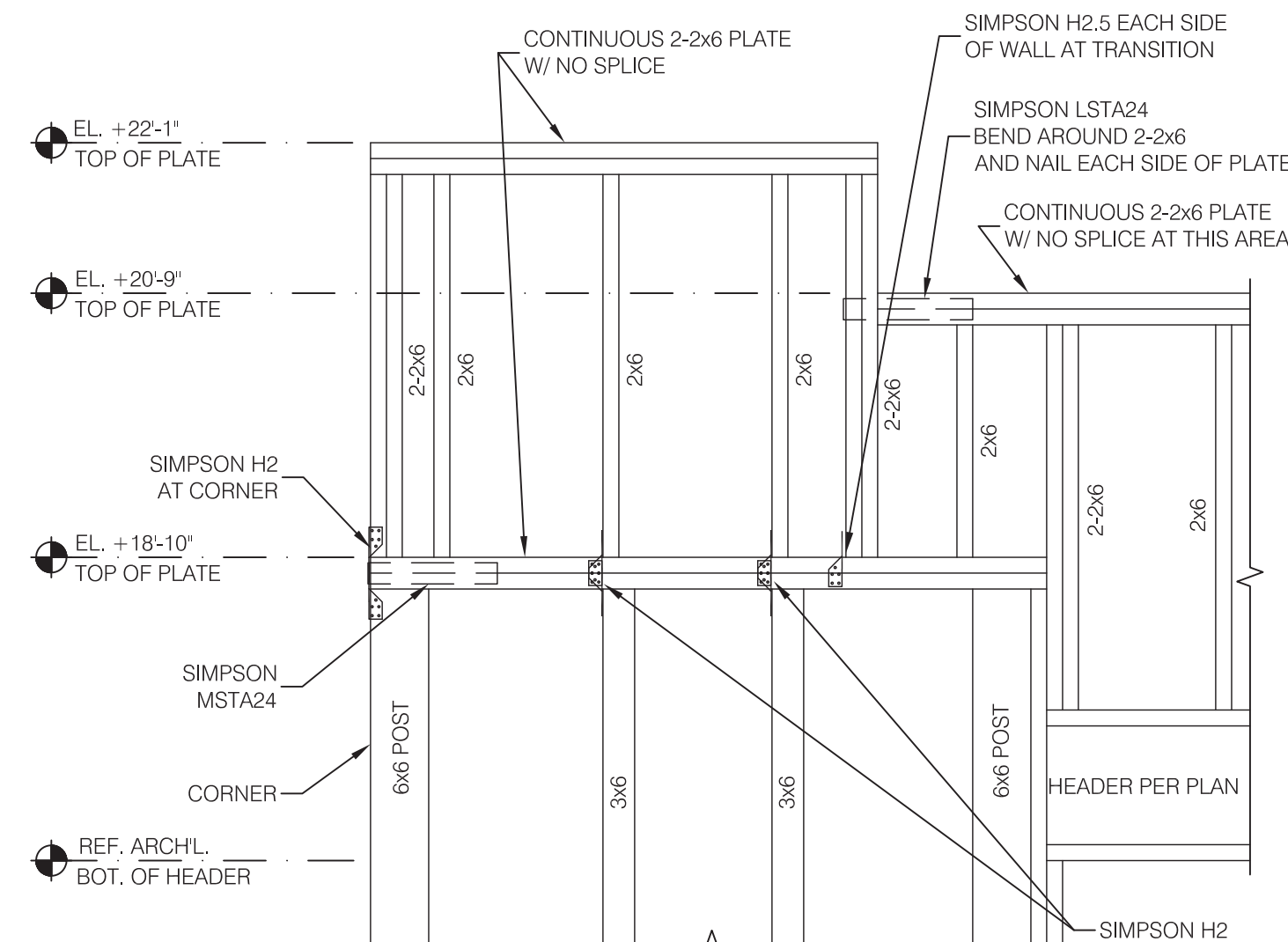


CORNER PARAPET PONY WALL 1 1/2' = 1'-0" **6**

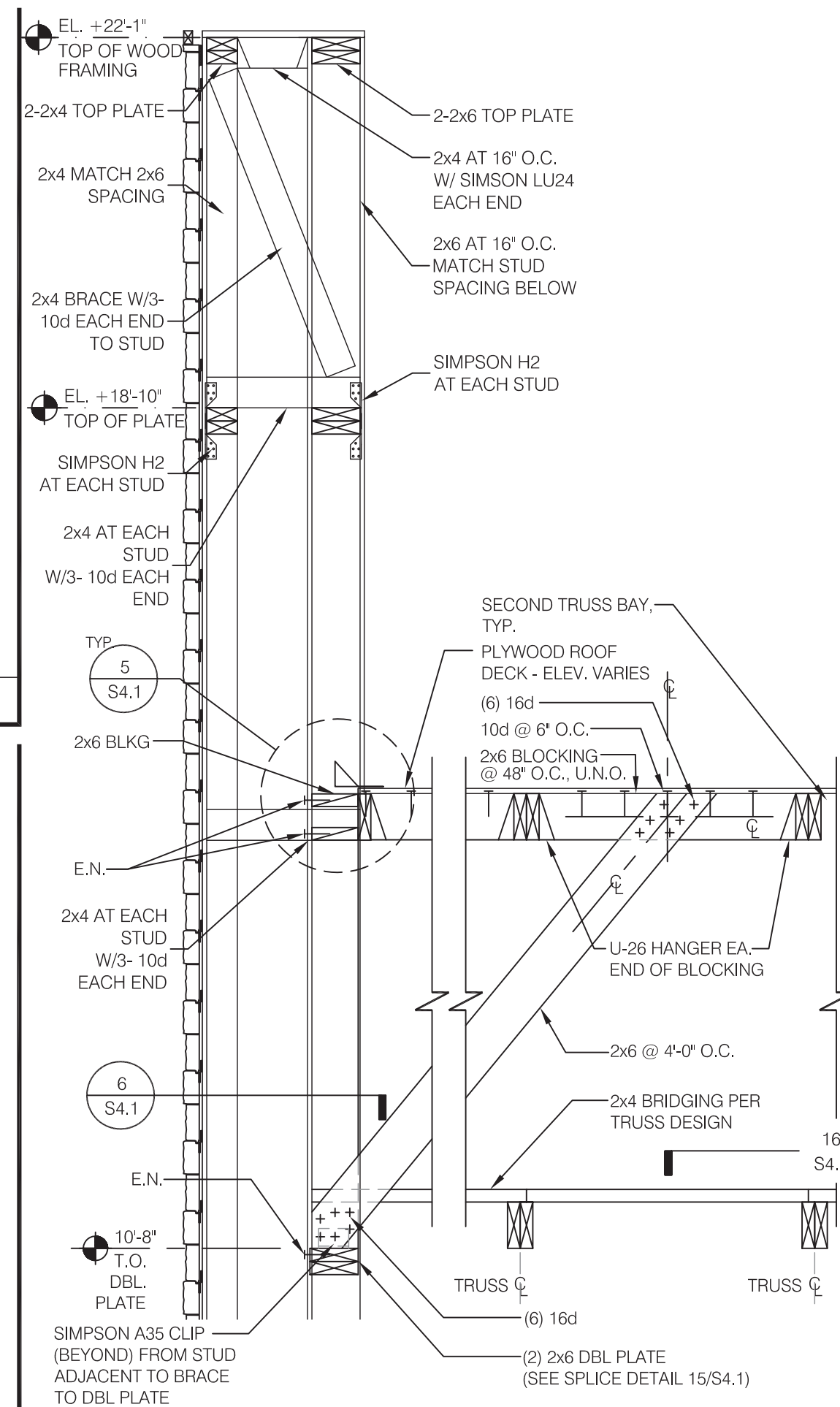
TRUSS TYPES	SINGLE TRUSS DESIGNATION	DOUBLE TRUSS DESIGNATION	BEARING POINT	COMMENTS
T1 - T29	X	XX	▲	SEE NOTE 1.

NOTES:
 1. HOLD-DOWN CONNECTORS SHALL BE SPECIFIED BY SITE SPECIFIC ARCHITECT/ENGINEER BASED UPON LOADING DATA PROVIDED BY TRUSS DESIGNER.
 2. PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
 3. TRUSS MEMBER SIZES ARE FOR REFERENCE ONLY. ACTUAL SIZE SHALL BE DETERMINED BY TRUSS MANUFACTURER BASED ON ACTUAL LOAD CONDITIONS AND CODES.

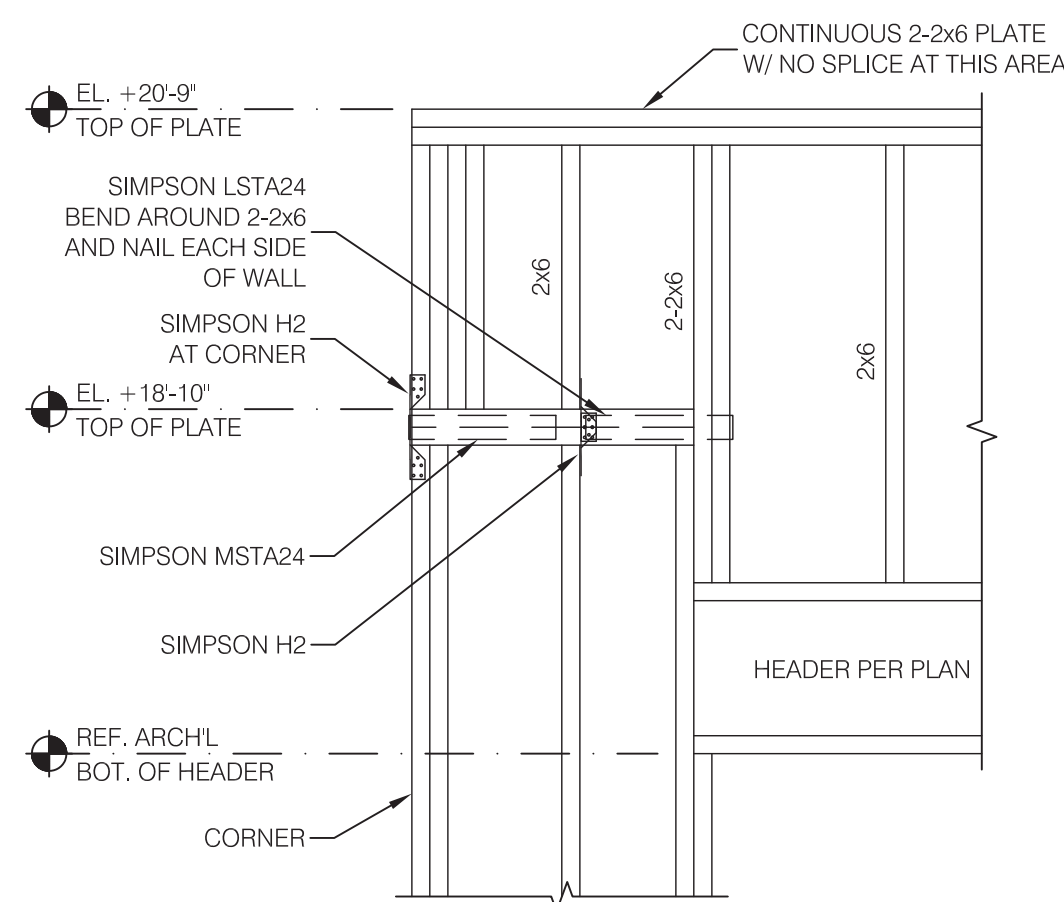
TRUSS SCHEDULE N.T.S. **19**



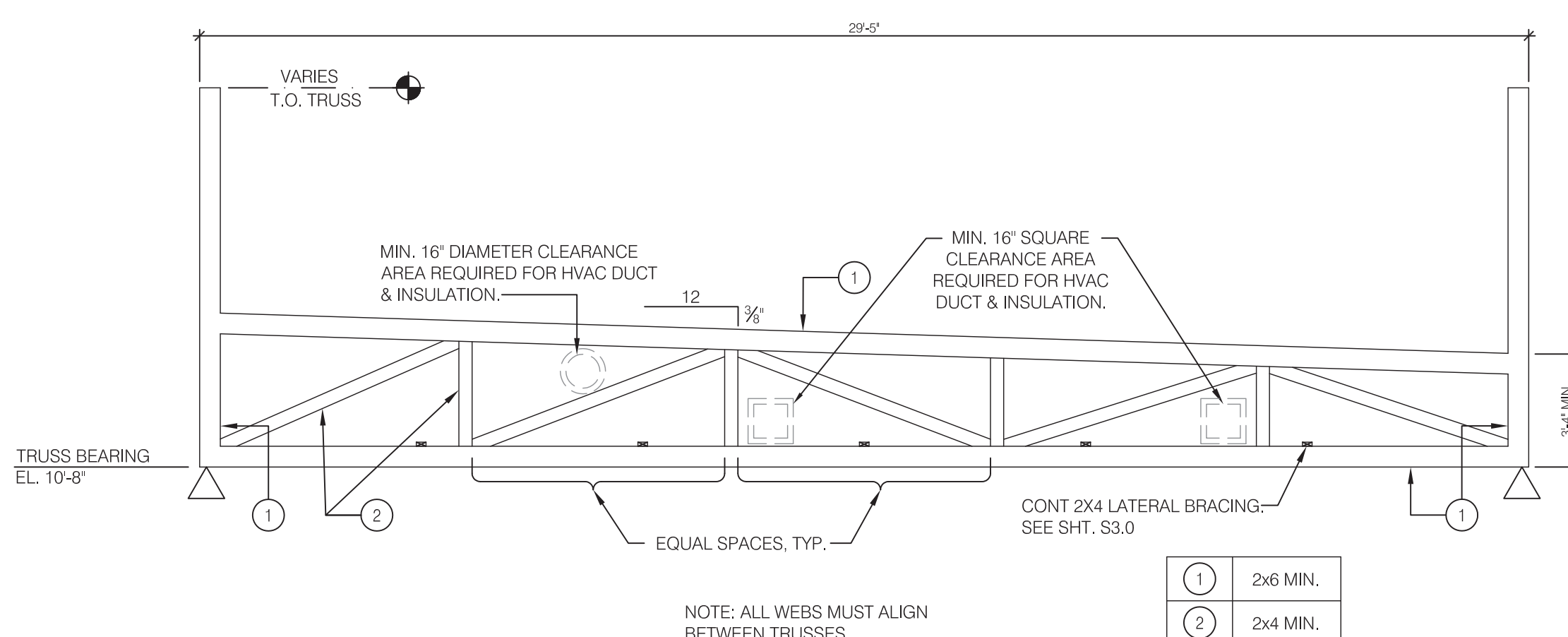
FRONT WALL AT TOWER 3/4" = 1'-0" **11**



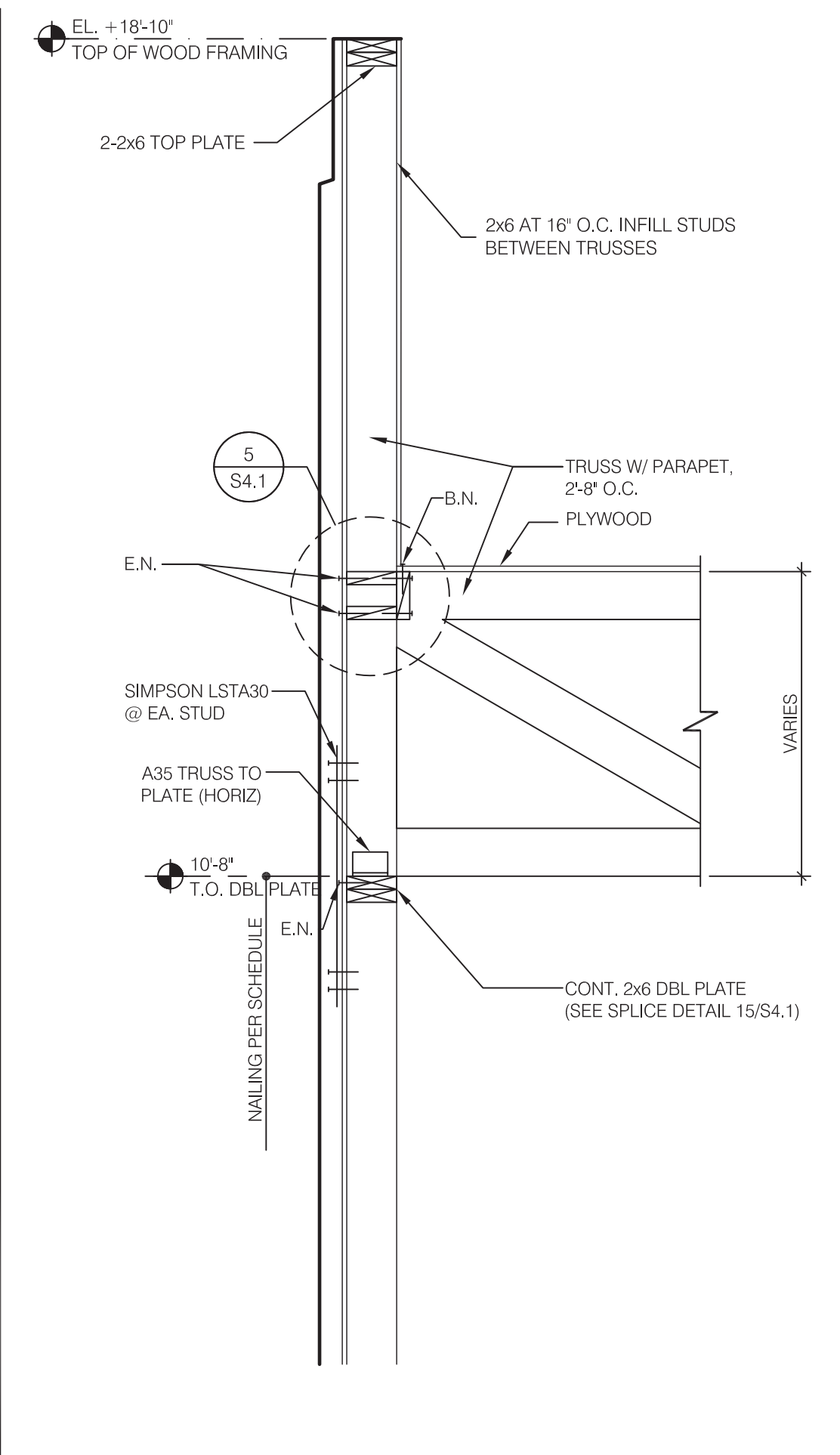
TOWER WALL 3/4" = 1'-0" **8**



FRONT WALL AT CORNER 3/4" = 1'-0" **12**



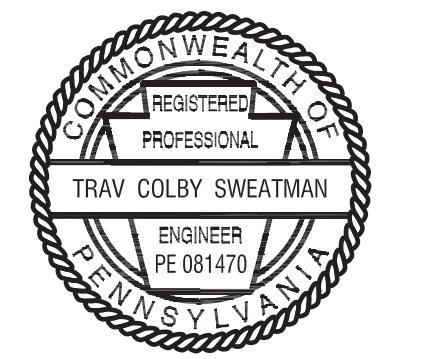
TRUSS ELEVATION 1/4" = 1'-0" **16**



LOW SIDE WALL AT JOIST 3/4" = 1'-0" **4**

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 1431 GREENWAY DRIVE
 SUITE 510
 IRVING, TX 75038
 PHONE 972.849.2987
 E-MAIL trav@tcseng.com



07.30.15
Trav C. Sweat

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA

TACO BELL
LIVE MAS
 LARGE 50

STRUCTURAL DETAILS

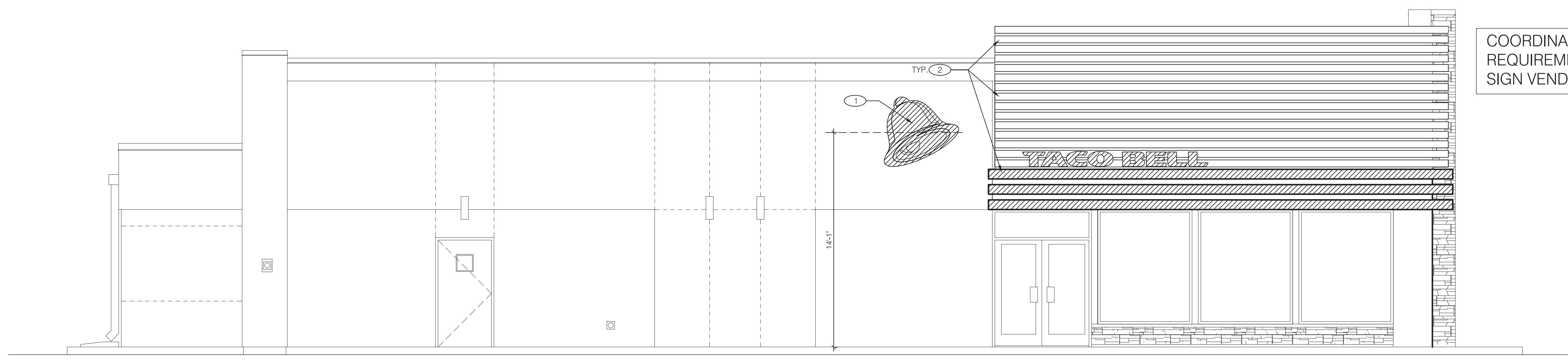
S4.3

PERMIT PLOT DATE: 07.30.15

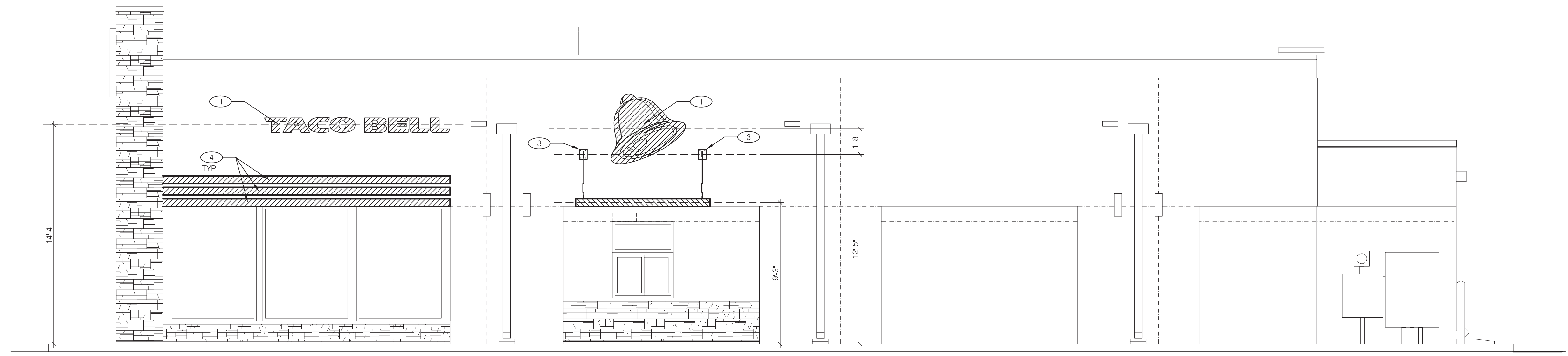
kathleen day, architect
 8535 ferry road
 waynesville, oh 45068
 617.331.2545
 kathleendayarchitect@gmail.com

ENGINEER:
TRAV C. SWEATMAN, PE
 1431 GREENWAY DRIVE
 SUITE 510
 IRVING, TX 75038
 PHONE 972.849.2987
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COORDINATE BLOCKING
 REQUIREMENTS WITH
 SIGN VENDOR



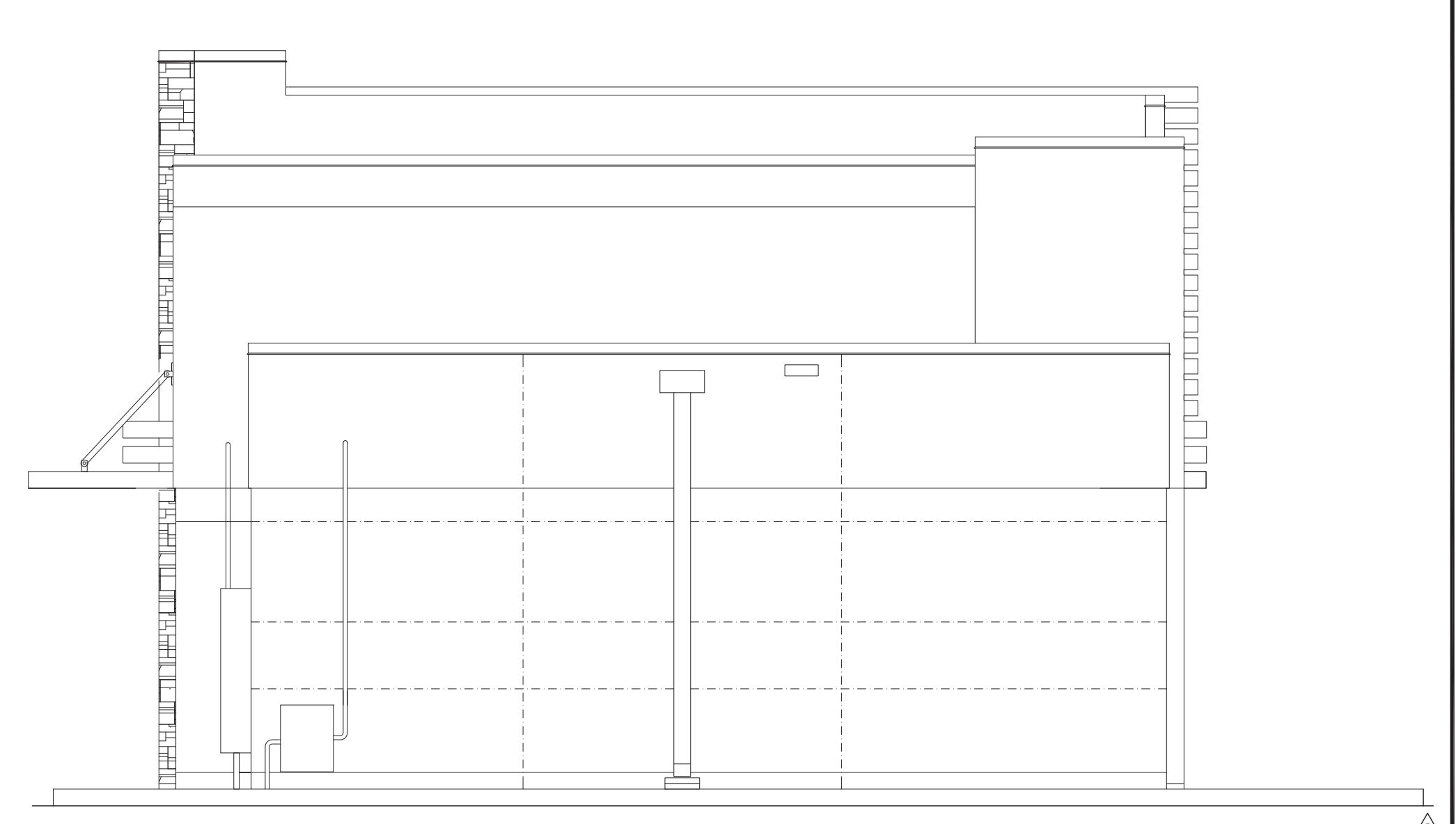
RIGHT SIDE ELEVATION 1/4" = 1'-0" **A**



LEFT SIDE ELEVATION 1/4" = 1'-0" **B**



FRONT ELEVATION 1/4" = 1'-0" **F**



REAR ELEVATION 1/4" = 1'-0" **E**

- ① SOLID BLOCKING FOR FASTENERS AS REQUIRED FOR SIGN MOUNTING.
- ② BLOCKING FOR SLAT WALL ATTACHMENT. SEE DETAIL 5/S4.3
- ③ PROVIDE BLOCKING FOR CANOPY. SEE DETAIL 13/S4.3
- ④ PROVIDE BLOCKING FOR VALANCE. SEE DETAIL 5/S4.3

KEY NOTES **C**

1. EXTEND BLOCKING AS REQUIRED TO FIT BETWEEN STUDS.
2. ELEVATION AT BOTTOM OF CANOPIES SHALL BE 9'-0" A.F.F. (U.N.O.).
3. COORDINATE SIGNAGE ELEMENTS and BLOCKING REQUIREMENTS WITH SIGNAGE VENDOR; SEE SCOPE OF WORK.
4. THIS SHEET IS TO INDICATE BLOCKING REQUIREMENTS FOR AWNINGS & CANOPIES. ADDITIONAL BLOCKING IS REQUIRED FOR OTHER ITEMS AS SHOWN ON OTHER DRAWINGS.

GENERAL NOTES **D**



01.04.16
Trav C. Sweat

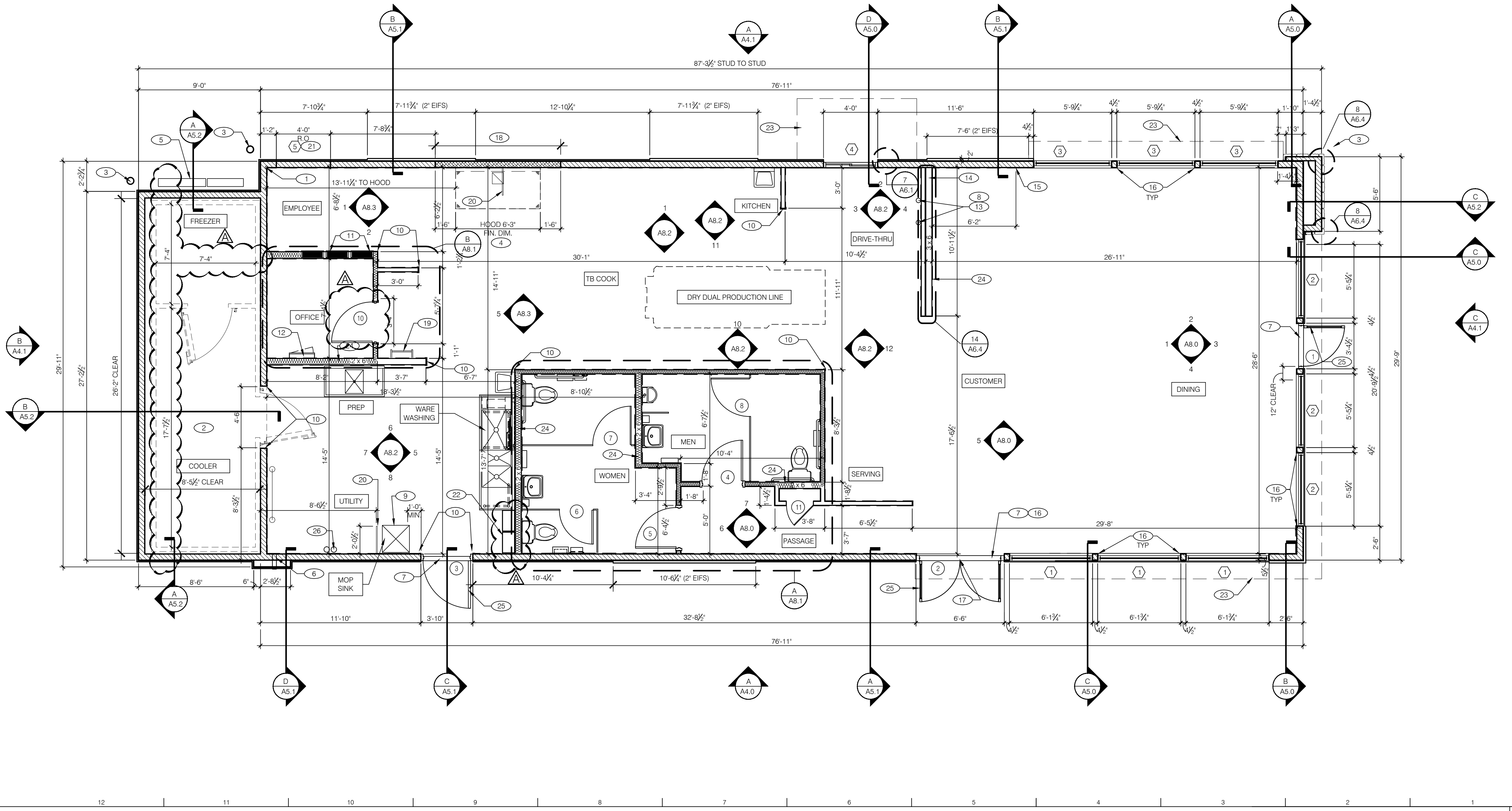
OWNER'S COMMENTS	DATE
	01.04.16

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
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TACO BELL
 US Route 220
 Township of Bedford, PA

LIVE MAS
 LARGE 50
**CANOPY/
 AWNING
 BLOCKING
 ELEVATIONS**
\$5.0

PERMIT PLOT DATE: 01.04.16



OWNER COMMENTS - 12.07.15

CONTRACT DATE: 04.14.15
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 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
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TACO BELL
 US Route 220
 Township of Bedford, PA

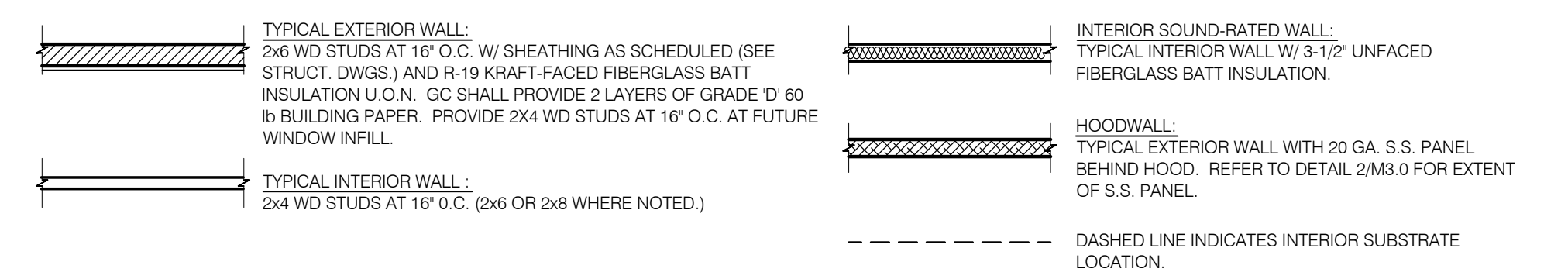


FLOOR PLAN

A1.0

PERMIT PLOT DATE:

FLOOR PLAN 1/4" = 1'-0" **A**



WALL LEGEND **E**

TYPICAL EXTERIOR WALL:
 2x6 WD STUDS AT 16" O.C. W/ SHEATHING AS SCHEDULED (SEE STRUCT. DWGS.) AND R-19 KRAFT-FACED FIBERGLASS BATT INSULATION U.O.N. GC SHALL PROVIDE 2 LAYERS OF GRADE D 60 lb BUILDING PAPER. PROVIDE 2x4 WD STUDS AT 16" O.C. AT FUTURE WINDOW INFILL.

TYPICAL INTERIOR WALL:
 2x4 WD STUDS AT 16" O.C. (2x6 OR 2x8 WHERE NOTED)

INTERIOR SOUND-RATED WALL:
 TYPICAL INTERIOR WALL W/ 3-1/2" UNFACED FIBERGLASS BATT INSULATION.

HOOD WALL:
 TYPICAL EXTERIOR WALL WITH 20 GA. S.S. PANEL BEHIND HOOD. REFER TO DETAIL 2/M3.0 FOR EXTENT OF S.S. PANEL.

DASHED LINE INDICATES INTERIOR SUBSTRATE LOCATION.

WALL SUBSTRATES:
EXTERIOR:
 1. 1/2" CDX PLYWOOD AT ALL EXTERIOR SURFACES, IF WOOD FRAMED. ADDED PLYWOOD ON INTERIOR SIDE OF WALL FOR SHEAR AS NOTED ON SHEET S2.0. PROVIDE NAILING ETC. FOR SHEAR PER 'WALL SHEATHING AND SHEAR WALL SCHEDULE' ON SHEET S2.0. WHERE PLYWOOD SUBSTRATE IS NOT CALLED FOR PROVIDE 1/2" GYPSUM WALLBOARD. PROVIDE 1/2" CDX PLYWOOD WHERE WALL SUPPORTED EQUIPMENT ON INTERIOR SURFACE IS NOTED. EXTEND PLYWOOD TO NEXT WOOD STUD BEYOND WALL SUPPORTED EQUIPMENT. SHEAR REQUIREMENTS TAKE PRECEDENCE.
DINING ROOM:
 2. 1/2" GYPSUM WALLBOARD FROM T.O. CURB TO 6" ABOVE CEILING HEIGHT U.O.N. SEE 6, 8 & 16 / A6.3.
INTERIOR (EXCLUDING TOILET ROOM):
 3. 6" HIGH - 1/2" CEMENT WALLBOARD STARTING FROM T.O. SLAB. 1/2" CDX PLYWOOD WHERE WALL SUPPORTED EQUIPMENT IS NOTED. EXTEND PLYWOOD TO NEXT WOOD STUD BEYOND WALL SUPPORTED EQUIPMENT. PROVIDE 1/2" GYPSUM WALLBOARD FOR ALL OTHER WALL SURFACES. EXTEND ALL SUBSTRATES 6" ABOVE SUSPENDED CEILING. WALL PLYWD. IS SPECIFIED THE PLYWOOD SHALL BE CONTINUOUS FROM SILL PLATE TO TOP PLATE. SEE 4, 11 & 20 / A6.3.
RESTROOM WALLS:
 4. INTERIOR WALLS USE 5/8" CEMENT WALLBOARD TO 6" ABOVE T.O. SLAB. ALL OTHER SUBSTRATE 5/8" HI-IMPACT BRAND XP WALLBOARD, TYPE X CORE FROM T.O. CEMENT BOARD OR CURB TO 6" ABOVE CEILING HEIGHT U.O.N.. NO SUBSTITUTIONS ALLOWED. FINISH AS SCHEDULED. SEE 11 (SIM), 12 / A6.3.

FLOOR PLAN NOTES **D**

DIMENSIONS:
 A. ALL DIMENSIONS ARE TO FACE OF STUD U.O.N. REFER TO FOUNDATION PLAN FOR FACE OF CONC. DIMENSIONS.
 B. DIMENSIONS NOTED AS 'CLEAR' OR 'HOLD' ARE MIN. REQ'D. NET CLEARANCE FROM FACE OF WALL / WAINSCOT FINISH. VERIFY FINAL EQUIPMENT SIZES W/ VENDOR PRIOR TO INT. WALL FRAMING.

WINDOWS / DOORS:
 A. SEE SHT. A1.1 FOR WINDOW TYPES AND DOOR SCHEDULE.
 B. ALL DOOR AND WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING.

FINISH SUBSTRATES:
 A. PROVIDE 1/2" THICK CEMENTITIOUS BD. FROM FLOOR SLAB TO 12" A.F.F. MIN. IN LIEU OF GYP. BD. AT ALL WALLS EXCEPT SHEAR WALL SURFACES. U.O.N.
 B. ALL JOINTS, GAPS OR SPACES LEADING TO ALL HOLLOW OR INACCESSIBLE SPACES SHALL BE SEALED WITH 'NSF INTERNATIONAL' APPROVED SEALANTS.
 C. ALL BACK OF HOUSE AND OFFICE WALLS SHALL HAVE 1/2" CDX PLYWOOD SUBSTRATE, U.O.N.

DECOR:
 A. SEE A2.0 FOR SEATING PLAN AND DETAILS.
 B. SEE A7.0 FOR FLOOR FINISHES.
 C. SEE A8.0 - A8.3 FOR WALL FINISHES.
 D. SEE A7.1 FOR CEILING FINISHES.

GENERAL:
 A. PROVIDE THREE FIRE EXTINGUISHERS - (2) 10 lb. BC and (1) 10 lb. ABC - TO COMPLY WITH LOCAL FIRE CODE. LOCATE PER DIRECTION OF FIRE MARSHALL OR LOCAL AUTHORIZING AGENT.
 B. DRAWINGS ARE BASED UPON WOOD FRAMING. UTILIZATION OF METAL STUDS ON NON-BEARING INTERIOR PARTITIONS, BULKHEADS AND SOFFITS IS ACCEPTABLE.
 C. ALL ATTACHMENTS MADE THROUGH E.I.F.S. SHALL BE BURSH TO PREVENT DAMAGE TO THE FINISH. PER 9/A6.2.
 D. ALL PENETRATIONS THROUGH E.I.F.S. SHALL BE SEALED USING MFRS. APPROVED METHOD.

- KEY NOTES** **B**
- STARTING POINT. ALL SUB-TRADES SHALL USE THIS POINT AS A BEGINNING LAY-OUT (INSIDE FACE OF EXT. WALL STUDS).
 - NO FRP BEHIND (CO2) WALK-IN COOLER/FREEZER.
 - PIPE BOLLARD. SEE DETAIL 8/C1.0.
 - HOOD WALL. SEE WALL LEGEND.
 - ELECTRICAL MAIN SWITCH BOARD. REFER TO ELECT. DWGS.
 - CO2 FILL BOX LOCATION. SEE SHEET A4.0 ELEVATION 'A'.
 - TILE TO CONCRETE METAL THRESHOLD.
 - KEEP CLEAR FOR UTILITIES & SYRUP LINES. SEE DETAIL 14 & 19/A6.4 FOR STUD LAYOUT REQUIREMENTS.
 - MOP SINK. REFER TO SHEET A2.0 & A2.1.
 - S.S. CORNER GUARD / WALL CAP. TYP. ALL CORNERS IN BACK-OF-HOUSE FROM REAR WALL TO THE KITCHEN SIDE OF THE SERVICE COUNTER. SEE DETAIL 19/A6.3.
 - ELECT. PANELS RECESSED IN 2x6 WALL.
 - LIGHTING CONTROL PANEL SURFACE MOUNTED. REFER TO ELECT. DWGS.
 - SYRUP LINE CHASE (ABOVE). SEE DETAIL 19/A6.4.
 - HORIZONTAL OPENING FOR SYRUP TUBES. COORDINATE WALL PENETRATION WITH COUNTER INSTALLER. SEAL CHASE TO COUNTER. SEE 15/A6.4.
 - START OF CHAIR RAIL.
 - CONTINUE CHAIR RAIL AROUND CORNER TO WINDOW JAMB.
 - FULL LENGTH ASTRAGAL WEATHER STRIPPING BETWEEN DOORS.
 - METAL STUDS REQUIRED.
 - ROOF LADDER. SEE DETAIL D/A8.3.
 - SPLASHGUARD. SEE DETAIL 9/A6.3. INSTALLATION SHALL BE COORDINATED WITH INSTALLATION OF MOP SINK.
 - ROUGH-IN FRAMING FOR FUTURE WINDOW. SEE (5) ON A1.1.
 - WALL MOUNTED TANKLESS WATER HEATER - SEE PLUMBING
 - CANOPY & VALANCE ABOVE.
 - 6" STUD INTERIOR WALL, FINISHED PER WALL LEGEND E / THIS SHEET.
 - PROVIDE HORIZONTAL DOOR SWEEPS AT ALL EXTERIOR DOORS. SEE SHEET A1.1.
 - 6" PVC STUB THRU CEILING FOR SYRUP BUNDLE. SEE DETAIL 18/A6.4.

1. DIMENSIONS ON THIS DWG. ARE TO FRAME EDGE. REFER TO SHEETS A1.0 AND A5 SHEETS FOR ROUGH OPENING DIMENSIONS.
2. ENTIRE STOREFRONT SYSTEM SHALL BE DARK BRONZE ANODIZED.
3. ALL SPANDREL GLASS SHALL BE DARK BRONZE TO MATCH FRAMES.
4. SEE SCHEDULE FOR GLASS TYPES.
5. REFER TO FLOOR PLAN, ELEVATIONS AND WALL SECTIONS FOR ROUGH OPENING DIMENSIONS.
6. ALL STOREFRONT MATERIAL AND GLAZING SHALL BE SUPPLIED AND INSTALLED BY G.C. U.O.N.

NATIONAL ACCOUNT SUPPLIER

INTERIOR DOORS, FRAMES & HARDWARE
 LOCKNET
 CONSTRUCTION@LOCKNET.COM
 800 JOHN C. WATTS DR.
 NICHOLASVILLE, KY 40356
 855-432-4613, FAX: 877-887-4958

GLASS SCHEDULE

- (A) 1" INSULATED GLASS
 - (B) 1" INSULATED TEMPERED GLASS
 - (C) 1/4" TEMPERED GLASS
 - (D) SAFETY GLASS BY MFR.
- NOTE:
 SHADING COEFFICIENT SPECIFICATION PER LOCAL CODE REQUIREMENTS. DAYTIME VISIBILITY INTO DINING ROOM SHALL BE MAINTAINED.
- **** ALL STOREFRONT GLAZING SHALL BE LOW "E" SOLAR GLASS ****



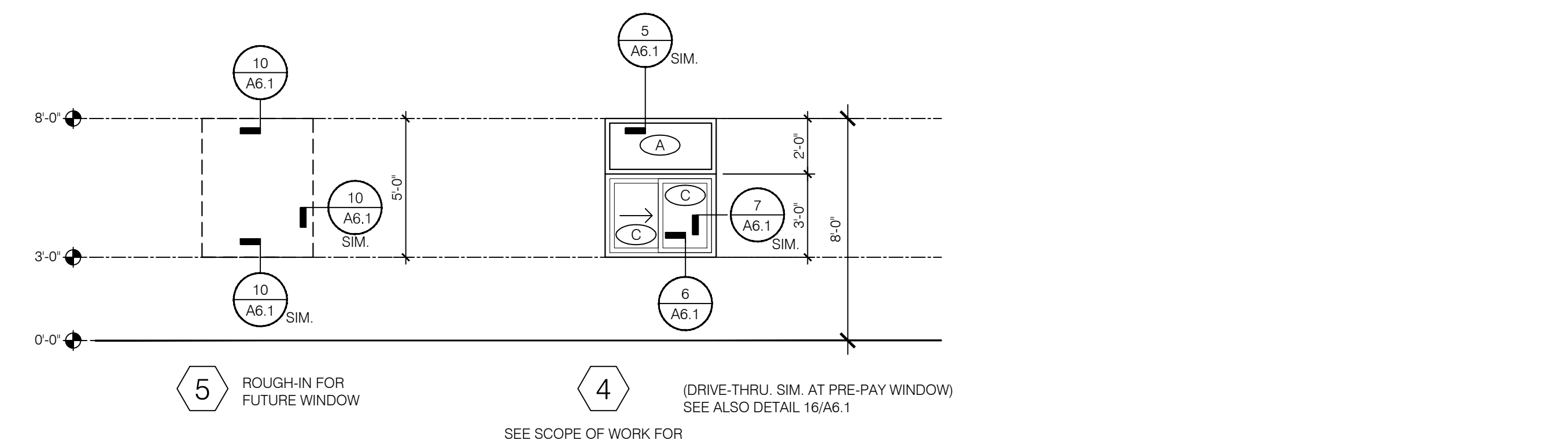
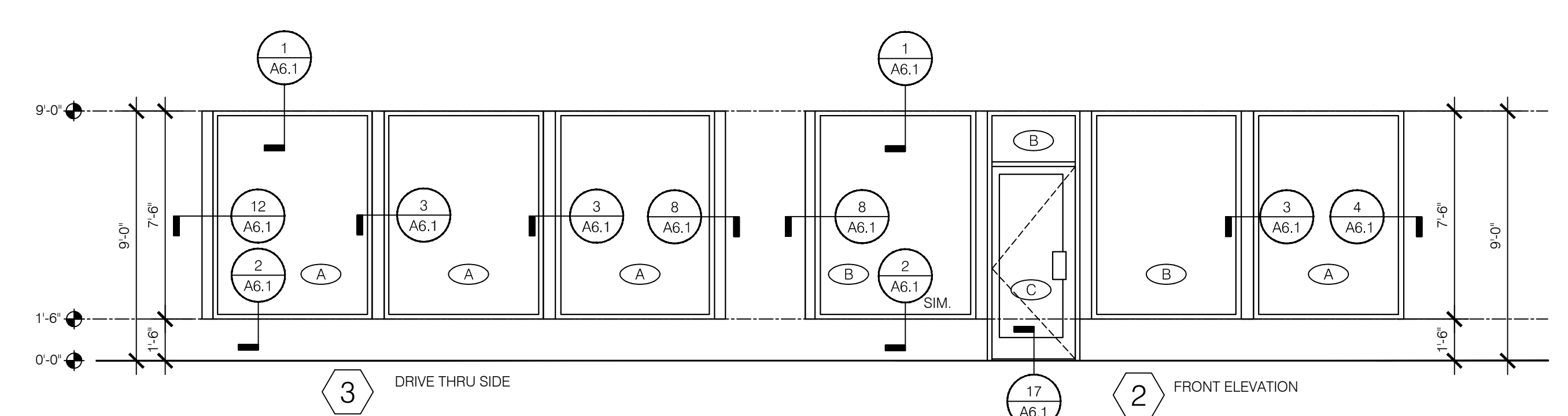
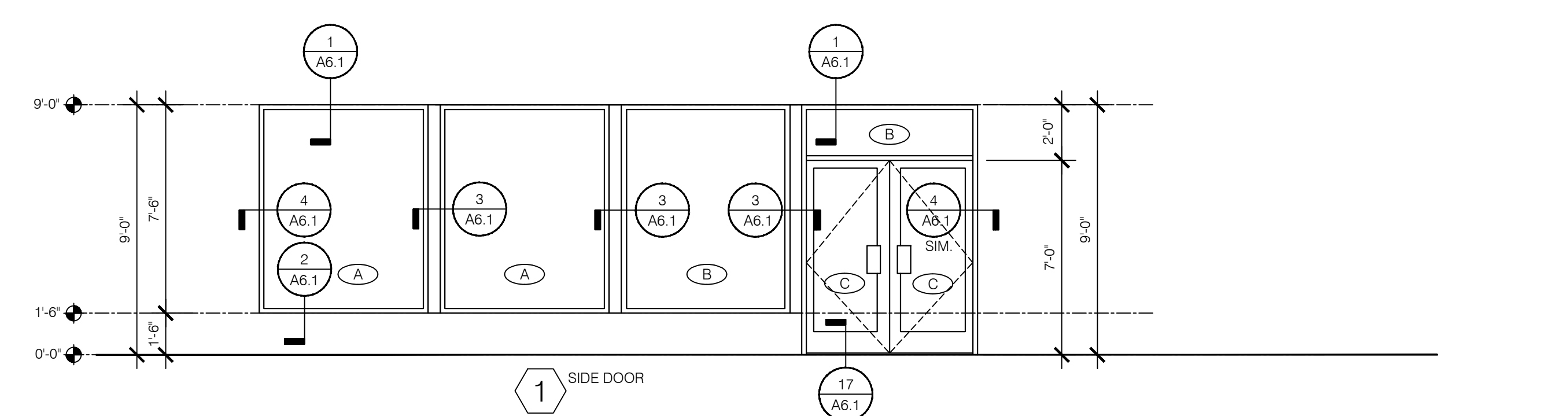
1. LAMINATE DOORS 4, 5, 10 & 11. SEE FINISH SCHEDULE SHEET A7.2.
2. ALL HARDWARE SHALL BE US32D U.O.N.
3. ALL HM FRAMES SHALL BE 16 GA STEEL U.O.N.
4. ALL LOCKS SHALL BE FALCON 6 PIN INTERCHANGEABLE CORE SUPPLIED AND INSTALLED BY THE G.C. ALL EXTERIOR LOCKS SHALL BE PROVIDED WITH CONSTRUCTION CORES. ALL PERMANENT CORES SHALL BE KEYPED ALIKE.
5. PERMANENT CORES SHALL BE SHIPPED TO THE RESTAURANT GENERAL MANAGER.
6. MOUNT DOOR CLOSERS ON RESTROOM OR KITCHEN SIDE ONLY.
7. COMPLETE DOOR, FRAME AND HARDWARE PACKAGE INCLUDING: VISION PANEL (WITH 18 GA. HOLLOW METAL FRAME), CONTINUOUS HINGE, HEAVY DUTY CLOSER, RAIN DRIP, DOOR BOTTOM/SWEEP, WEATHERSTRIP, KICKPLATE AND PANIC HARDWARE, ORDERED THRU LOCKNET SECURITY DOORS, PART #DU3670LS2VED (1-800-887-4307).
8. PROVIDE PUSH/PULL PLATES.
 IF REQUIRED BY LOCAL CODE, STOREFRONT DOOR PANIC HARDWARE SHALL BE :
 DOR-O-MATIC 2092 RIM PANIC HARDWARE AND EXTERIOR PULLS WITH QUALITY #520 DOOR PULL.
9. MOUNT KICKPLATE ON PUSH SIDE ONLY.
10. MAXIMUM DOOR OPERATING PRESSURE : 5 LBS INTERIOR ; 8 LBS EXTERIOR MEASURED AT 90 DEGREES TO THE DOOR AT THE STRIKE SIDE EDGE.
11. IBC 2012 AND ANSI 2009 COMPLIANT ACCESSIBILITY SIGNAGE WITH RAISED CHARACTERS DUPLICATED IN BRAILLE AT ALL EXIT DOORS AND RESTROOMS (1) MEN; (1) WOMEN
12. RESTROOM SIGN IF REQUIRED. VERIFY LOCAL REQUIREMENTS.
13. FRAMES SHALL BE PAINTED.
14. BOBRICK 1090 SERIES, WITH STAINLESS STL. 1 1/2" WALL POST, LATCH, KEEPER, COAT HOOK (DTL 20/ADA1.0) & MOUNTING BRACKETS. INSTALL PER MANUFACTURER'S SPECIFICATIONS & DETAILS. DOOR HANDLE AND LATCH SHALL BE MOUNTED AT 36" A.F.F. HINGES SHALL BE SELF-CLOSING. SEE NOTE 16.
15. DOOR FRAME SHALL HAVE REMOVABLE DOOR STOPS.
16. PROVIDE SELF CLOSING HINGES AT THE ADA STALL DOORS ONLY.
17. PROVIDE BRUSH TYPE DOOR SWEEP AT ALL EXTERIOR DOOR LOCATIONS. DOOR SWEEP FINISH TO MATCH DOOR FINISH. SWEEPS SHALL BE PROVIDED BY SEALEZE, PART #D480CLA09BL. 1-800-SEALEZE
18. PROVIDE LATCH AND STRIKE PLATE HARDWARE BY DOOR MFR. TO BE COMPATIBLE WITH LOCKS
19. PROVIDE PULL HANDLE ON BOTH SIDES EVEN HEIGHT WITH DOOR LATCH. SEE DETAIL 16/ADA1.0.
20. 3'-0" x 7'-0" H.M. DOOR WITH 2" H.M. FRAME MAY BE USED

NOT USED 10

NOT USED 7

NOTES 4

DOOR SCHEDULE NOTES 1

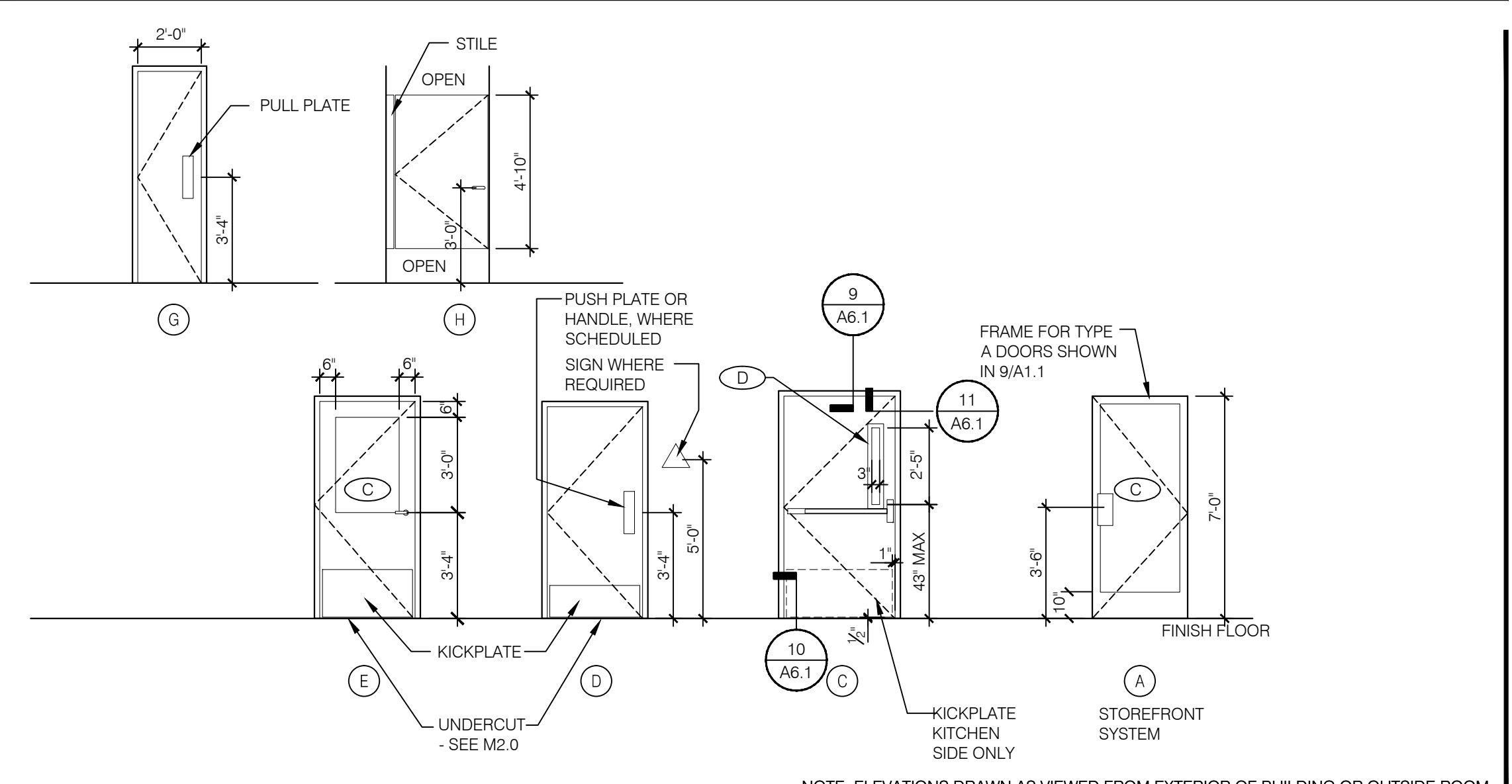


NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING.

WINDOW TYPES 1/4" = 1'-0" 9

DOOR NO.	DOOR SIZE	SEE DOOR TYPE ELEVATIONS			BUTTS				LOCKS							CLOSERS			KICKPLATE				THRESHOLD			DOOR STOP						MISCELLANEOUS						DETAIL LOCATIONS			DOOR NOTES * LESS THAN DOOR WIDTH
		TYPE	DOOR	FRAME	1	2	3	4	1	2	3	4	5	6	7	1	2	3	1	2	3	4	1	2	3	1	2	3	4	5	6	HEAD	JAMB	SILL							
1	3'-0" x 7'-0" x 1-3/4"	A	AL	AL	X								X	X				X	X														1/A6.1	4/A6.1	17/A6.1	8, 10, 17, 18					
2	3'-0" x 7'-0" x 1-3/4"	A	AL	AL	X								X					X														1/A6.1	4/A6.1	17/A6.1	8, 10, 15, 17, 18						
3	3'-6" x 7'-0" x 1-3/4"	C	HM	HM			X														X											9/A6.1	11/A6.1	10/A6.1	6, 7, 9, 10, 13, 17						
4	3'-0" x 6'-8" x 1-3/4"	D	WD	HM		X													X	X												10/A6.4	10/A6.4		1, 6, 9, 10, 11, 12, 13						
5	3'-0" x 6'-8" x 1-3/4"	D	WD	HM		X																X										10/A6.4	10/A6.4	1, 6, 9, 10, 11, 12, 13							
6	2'-6" x 4'-10" x 1"	H	-	-									X										X											14							
7	2'-10" x 4'-10" x 1"	H	-	-			X						X											X										14, 16							
8	2'-10" x 4'-10" x 1"	H	-	-			X						X												X									14, 16, 19							
9	3'-0" x 7'-0" x 1-3/4"	A	AL	AL	X									X	X	X																	1/A6.1	4/A6.1	17/A6.1	8, 10, 15, 17, 18					
10	3'-0" x 6'-8" x 1-3/4"	E	WD	HM		X													X														10/A6.4	10/A6.4	1, 9, 13, 19, 20						
11	2'-0" x 6'-8" x 1-3/4"	G	WD	HM		X			X																								10/A6.4	10/A6.4	1, 9, 13						

DOOR SCHEDULE 2



NOTE: ELEVATIONS DRAWN AS VIEWED FROM EXTERIOR OF BUILDING OR OUTSIDE ROOM.

DOOR TYPES 1/4" = 1'-0" 3

OWNER COMMENTS - 12.07.15

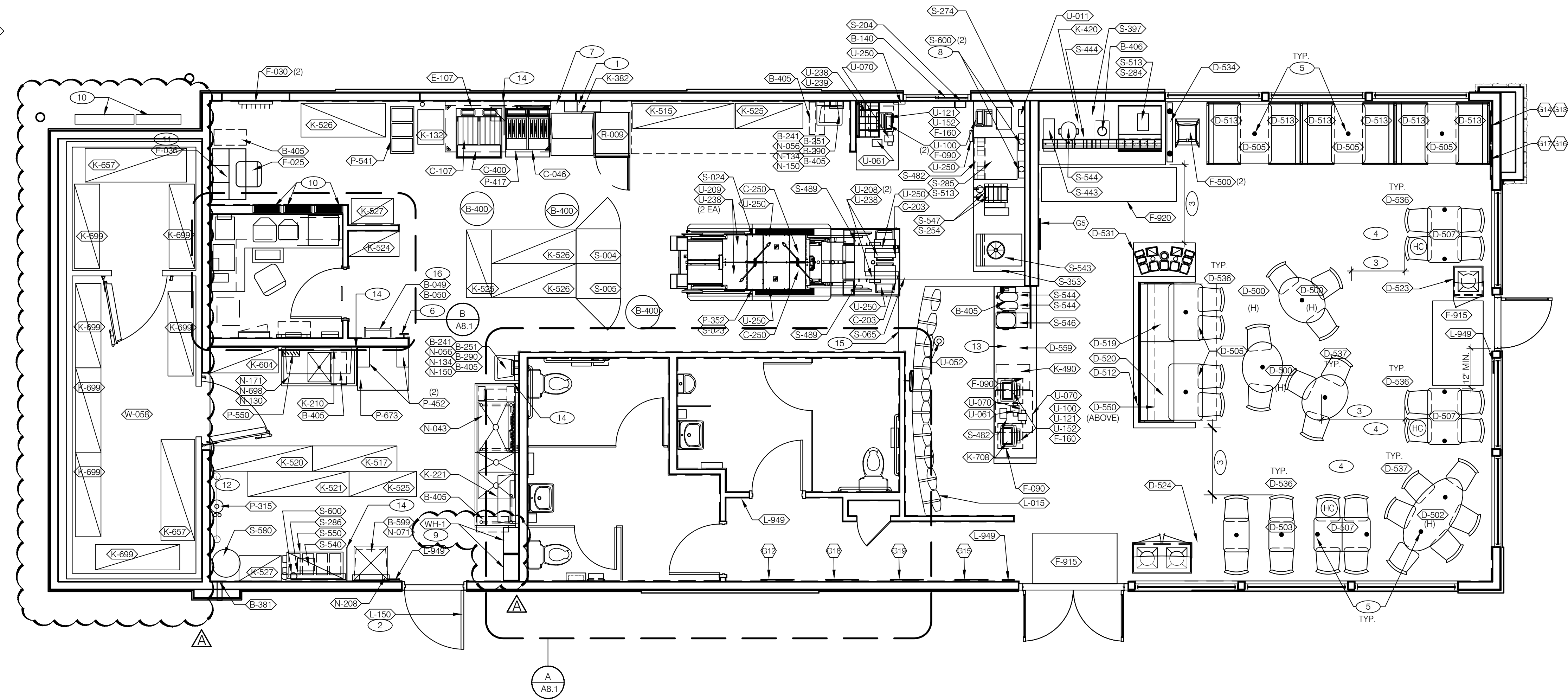
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TACO BELL
 US Route 220
 Township of Bedford, PA

TACO BELL
 LIVE MAS
 LARGES0
DOOR & WINDOW ELEVATIONS AND SCHEDULES
A1.1

PERMIT PLOT DATE:

SEE SITE PLAN ← L-090



OWNER COMMENTS - 12.07.15
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CONTRACT DATE: 04.14.15
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EQUIPMENT/SEATING PLAN 1/4"=1'-0" **A**

SYM.	QTY.	ITEM
D-500	3	TABLE - OVAL - BAR HEIGHT - 24" X 30" - CORE DRILL BASE
D-502	1	TABLE - OVAL - BAR HEIGHT - 30" X 60" - CORE DRILL BASE
D-503	1	TABLE - RECTANGLE - STD HEIGHT - 18" X 24" - CORE DRILL BASE
D-505	5	TABLE - RECTANGLE - STD HEIGHT - 24" X 40" - CORE DRILL BASE
D-507	3	TABLE - RECTANGLE - STD HEIGHT - 24" X 40" - CORE DRILL BASE (ADA)
D-512	1	DIVIDER WALL - 108" LONG
D-513	6	OPEN BACK BENCH SETTEE - 42"
D-519	1	BACKLESS BENCH SETTEE - 42"
D-520	1	BACKLESS BENCH SETTEE - 57"
D-523	1	SINGLE TRASH RECEPTACLE
D-524	1	DOUBLE TRASH RECEPTACLE
D-559	1	SERVICE COUNTER - 126"
D-531	1	CONDIMENT COUNTER - SQAURE CORNERS

SEATING PACKAGE - BY SEATING VENDOR U.O.N. (TOTAL SEATS = 54) **E**

SYM.	QTY.	ITEM
D-534	1	SCREEN WALL
D-536	18	FORMED WOOD SHELL DINING CHAIR
D-537	14	FORMED WOOD SEAT STOOL
D-550	1	8'-1" x 3'-7" SOFFIT BY DISTRIBUTOR.

SYM.	QTY.	ITEM	REMARKS
E-11	1	TASTE EXPLOSION 1 OF 4	SEE A8.0 FOR LOCATION
E-12	1	TASTE EXPLOSION 2 OF 4	SEE A8.0 FOR LOCATION
E-13	1	TASTE EXPLOSION 3 OF 4	SEE A8.0 FOR LOCATION
E-14	1	TASTE EXPLOSION 4 OF 4	SEE A8.0 FOR LOCATION
E-15	1	VOLCANO TARGET	SEE A8.0 FOR LOCATION
E-16	1	NYC TACO TAXI	SEE A8.0 FOR LOCATION
E-17	1	TACO NIGHT TIME	SEE A8.0 FOR LOCATION
E-18	1	TACO BEACH BELL	SEE A8.0 FOR LOCATION
E-19	1	NUTRITION BOARD	SEE A8.0 FOR LOCATION

ARTWORK SCHEDULE **D**

DECOR
 1. REFER TO SC SHEETS FOR SCOPE OF WORK RESPONSIBILITIES.
 2. (H) - SYMBOL DENOTES A HIGH TABLE OR DINING COUNTER WITH STOOLS.
 3. (HC) - SYMBOL DENOTES A HANDICAP ACCESSIBLE TABLE.

GENERAL NOTES **C1**

STORAGE TYPE	LINEAR FT.
DRY STORAGE	62
COLD STORAGE	36
FROZEN STORAGE	16

SHELVING QUANTITIES REQUIRED **C2**

- 1 HOOD FIRE SUPPRESSION SYSTEM (ANSUL R-102 OR EQUAL).
- 2 SEE SHEET A1.1 FOR SECURITY DOOR PACKAGE.
- 3 MAINTAIN 36" MIN CLEAR AISLE EGRESS PATHS TO EXIT DOORS.
- 4 30" x 48" CLEAR FLOOR SPACE FOR HANDICAP ACCESS.
- 5 DOT INDICATES CORE DRILL LOCATION. CORE DRILL LAYOUT TO BE PROVIDED BY THE SEATING VENDOR. SEE DETAIL 7/A8.3 AND SCOPE OF WORK. CHANGE CORE DRILL BITS TO MATCH DECOR BASE SIZE TO MAINTAIN 3/8" MAX GROUT LINE AROUND BASE
- 6 PULL STATION @ 3'-8" A.F.F.
- 7 GAS LINE DOWN TO EQUIPMENT.
- 8 COORDINATE LOCATION OF HORIZ PVC SYRUP CHASE THROUGH WALL TO COUNTER.
- 9 OWNER PROVIDED TANKLESS WATER HEATERS AND RACK - SEE PLUMB.
- 10 SWITCHGEAR/ELECTRIC PANELS.
- 11 EMPLOYEE WORK STATION. SEE DETAIL B/A8.3.
- 12 8' LADDER.
- 13 BRINKS SAFE.
- 14 SPLASH GUARD.
- 15 ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
- 16 ROOF LADDER. SEE ELEVATION 5/A8.3.

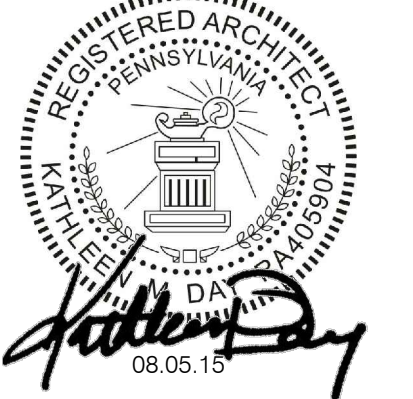
KEYNOTES **B**

TACO BELL
 US Route 220
 Township of Bedford, PA



LIVE MAS
 LARGE50
EQUIPMENT AND SEATING PLAN
A2.0

PERMIT PLOT DATE:



OWNER COMMENTS - 12.07.15

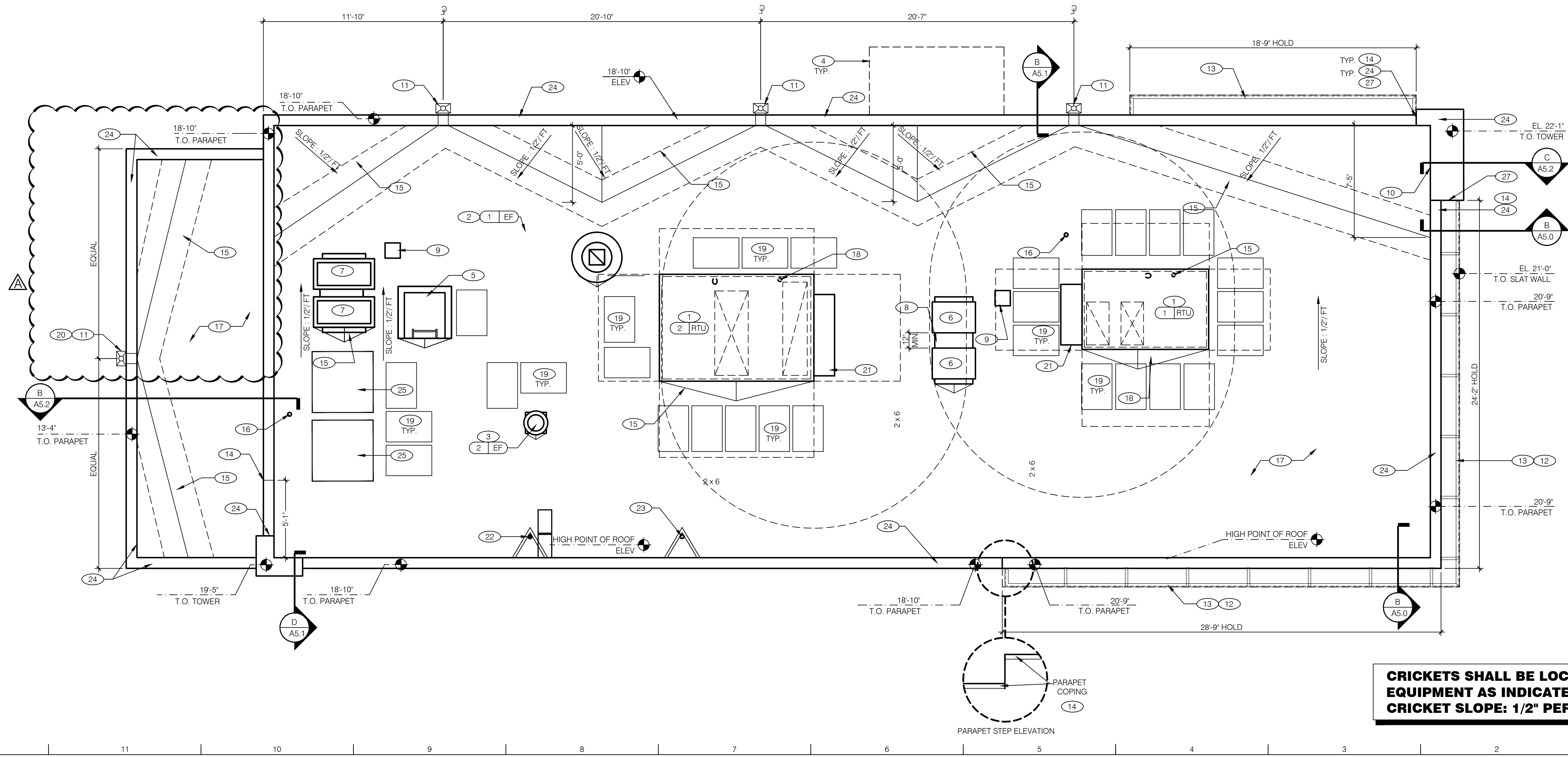
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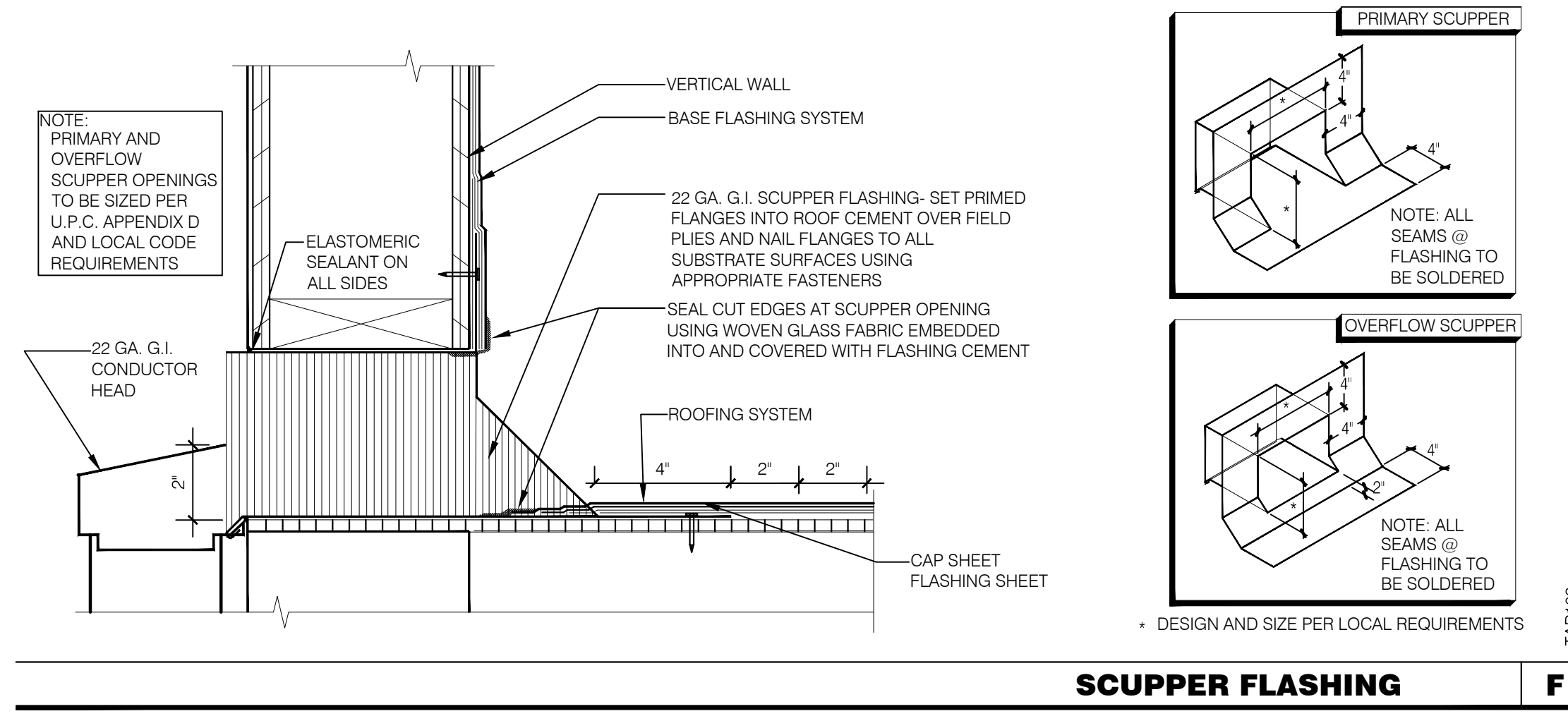
ROOF PLAN
A3.0

PERMIT PLOT DATE:



CRICKETS SHALL BE LOCATED AT THE EQUIPMENT AS INDICATED. MINIMUM CRICKET SLOPE: 1/2" PER FOOT.

ROOF PLAN 1/4"=1'-0" **A**

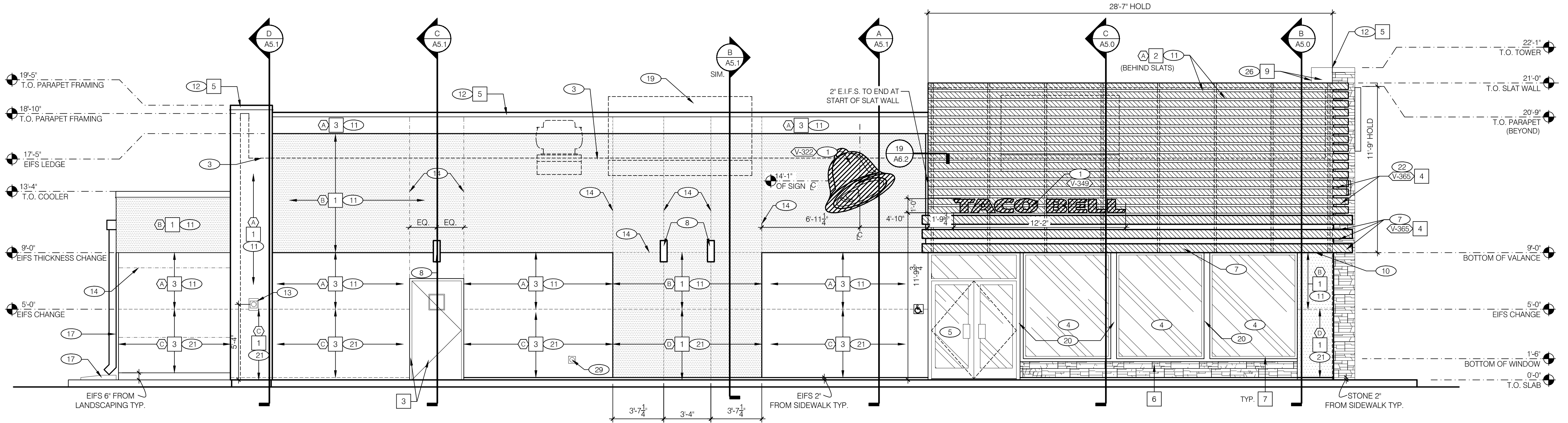


WATERPROOFING:
 A. PAINT UNDERSIDE OF PARAPET CAP FLASHING WITH FACTORY BONDED PAINT GRIP OR PRIMER.
 B. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED.
 C. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.
 D. SEE SPECIFICATIONS FOR SEALANT SPECS.
 E. ALL SHEET MTL FLASHING SHALL BE 22 GA MIN.

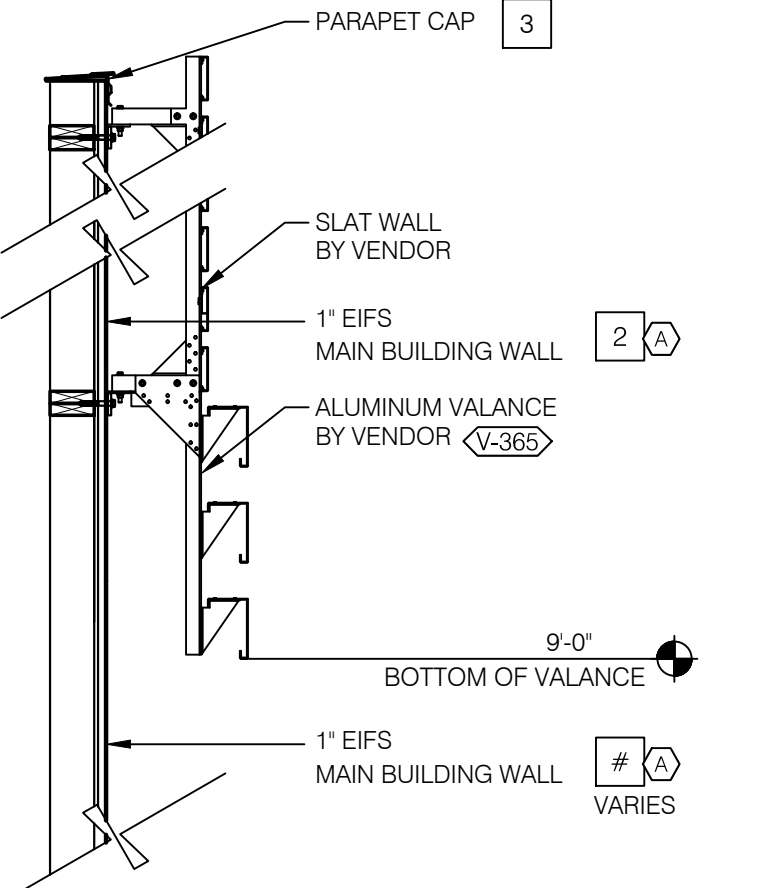
MISCELLANEOUS:
 A. ROOF PENETRATIONS CLOSER THAN 12" FROM ANOTHER WILL NOT BE ALLOWED.
 B. EXHAUST FANS MIN. 10'-0" AWAY FROM ALL AIR INTAKE / SUPPLY.
 C. LOCATE WALK-IN CONDENSERS ON ROOF ONLY IF REQUIRED BY CODE.

ROOF PLAN NOTES **E**

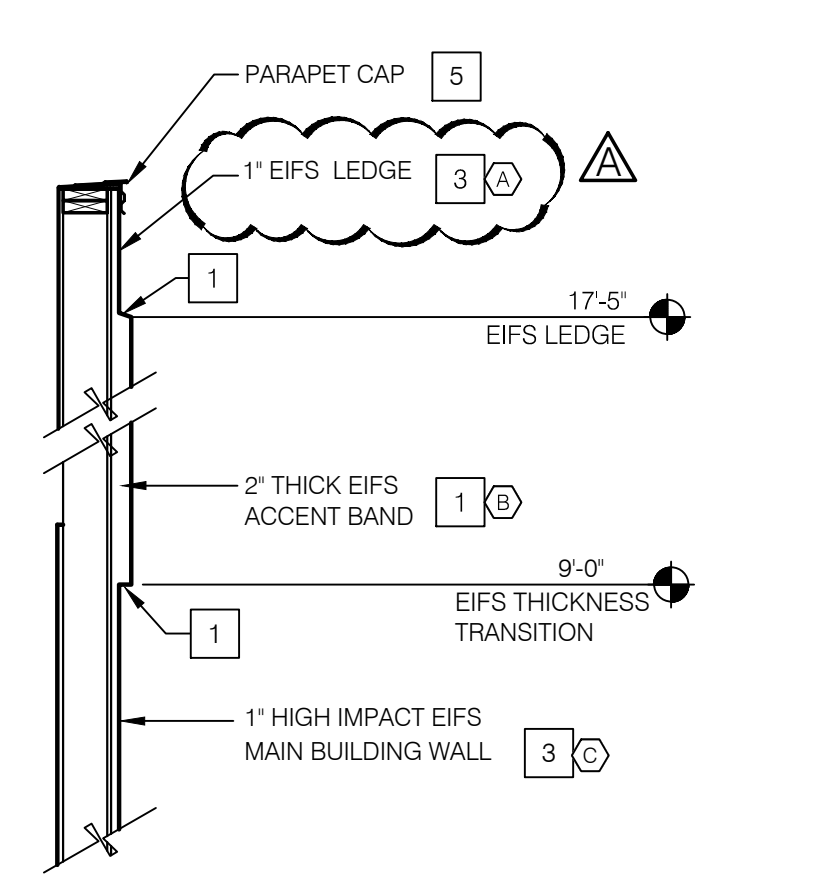
- 1 ROOFTOP UNIT. INSTALL PLUMB AND LEVEL.
 - 2 KITCHEN HOOD EXHAUST FAN. SEE SHEETS M3.0 & DETAIL 19/A6.0.
 - 3 RESTROOM EXHAUST FAN. SEE 18/A6.0.
 - 4 CANOPY. SEE SCOPE OF WORK.
 - 5 ROOF HATCH. SEE 7/A6.0.
 - 6 ICE MACHINE CONDENSERS.
 - 7 WALK-IN COOLER / FREEZER CONDENSERS. SEE SCOPE OF WORK SHEET.
 - 8 EQUIPMENT PLATFORM. SEE DETAIL 15/A6.0.
 - 9 PIPE HOOD FOR UTILITIES. SEE DETAIL 9/A6.0.
 - 10 24" x 24" HINGED LOUVER. SEE DETAIL 8/A6.0.
 - 11 SCUPPER AND DOWNSPOUT. SEE DETAIL F.
 - 12 ALUMINUM SLAT WALL BY VENDOR. SEE SCOPE OF WORK.
 - 13 ALUMINUM VALANCE. SEE SCOPE OF WORK.
 - 14 CHANGE IN PARAPET ELEVATION. SEE 14/A6.2.
 - 15 ROOF CRICKET. SEE DETAIL 16/A6.0.
 - 16 WASTE VENT THROUGH ROOF. THE TOP OF WASTE VENTS SHALL BE 12" HIGHER THAN THE CLOSEST PARAPET CAP U.N.O. OR NOT ALLOWED BY LOCAL JURISDICTION. SEE 12/A6.0 FOR FLASHING ASSEMBLY.
 - 17 'DURO-LAST' SINGLE PLY ROOF MEMBRANE OVER 1/2" EXTERIOR GRADE PLYWOOD OVER TRUSSES. INSTALL PER MANUFACTURERS SPECIFICATIONS.
 - 18 POWER / GAS / CONDENSATE ENTRY UNDER HVAC UNIT (PER HVAC MFR. SPECS.) REFER TO MECH. AND PLUMB DWGS. UTILITY ACCESS FROM WITHIN CURB - NO ROOF PENETRATIONS. DO NOT RUN ON ROOF SURFACE. SEE 13/P6.0.
 - 19 24x36 WALK MATS. SEE ROOF SPECS.
 - 20 MAINTAIN MFR'S ROOFTOP UNIT MAINTAINANCE CLEARANCE.
 - 21 OUTSIDE AIR INTAKE FOR ROOFTOP UNIT. MAINTAIN MIN 10'-0" SEPARATION FROM PLUMBING VENTS, FLUES AND BUILDING EXHAUST.
 - 22 WATER HEATER INTAKE. SEE DETAIL 13/A6.0 FOR BRACING.
 - 23 WATER HEATER EXHAUST FLUE SHALL BE MIN. 6" HIGHER THAN INTAKE-MAINTAIN MIN. 10'-0" FROM NEAREST POINT OF RTU INTAKE. SEE DETAIL 13/A6.0 FOR BRACING.
 - 24 PAINTED METAL PARAPET CAP. SEE DETAIL 2/A6.0.
 - 25 PREFERRED LOCATION OF SATELLITE DISH SLED. SEE SCOPE OF WORK. USE ADJACENT PIPE HOOD FOR DATA WIRE.
 - 26 NOT USED.
 - 27 CARRY TOWER FRAMING UP TO PARAPET. SEE FLOOR PLAN SHEET A1.0.
- KEY NOTES** **B**



RIGHT SIDE ELEVATION 1/4"=1'-0" **A**



SLAT WALL COLOR TRANSITION N.T.S. **I**



EIFS THICKNESS COLOR TRANSITION N.T.S. **G**

MISCELLANEOUS
 A. SEE SHT A1.1 "WINDOW TYPES" FOR WINDOW ELEVATIONS.
 B. SEE SCOPE OF WORK FOR RESPONSIBILITIES.
 C. "HIGH IMPACT" MESH SHALL BE USED WHERE NOTED (C).
 D. THE PAINT COLORS SHOWN ARE COLOR REFERENCES FOR THE E.I.F.S. SUPPLIER.
 E. E.I.F.S. TEXTURE SHALL BE "FINE".

SEALERS (REFER TO SPECS):
 A. SEALANT AT ALL WALL AND ROOF PENETRATIONS.
 B. SEALANT AT ALL WINDOW AND DOOR FRAMES AT HEAD AND JAMB. DO NOT SEAL SILL @ WINDOWS.
 C. APPLY NEOPRENE GASKET (CONT.) BETWEEN BUILDING & CANOPY/TRELLIS.

LEGEND:
 A. VENDOR SCOPE INCLUDES SUPPLY AND INSTALLATION OF AWNINGS, CANOPIES, AND SIGNAGE.
 B. DENOTES 2" THICK EIFS

"CRITICAL" DIMENSIONS:
 A. REQUIRED CLEAR OPENING WIDTH TO ENSURE COORDINATION WITH STANDARD SIGNAGE/BUILDING ELEMENTS DIMENSIONS.
 B. OWNER REPRESENTATIVE WILL IDENTIFY IF LOTUSAN PAINT WILL BE USED.

GENERAL NOTES **F**

V-XXX	QTY	ITEM DESCRIPTION	ELEC
V-350	1	TACO BELL DRIVE THRU CANOPY	X
V-348	1	TACO BELL "BUILDING ACCENT" - OPTIONAL SHADING & LED LAMPING.	X
V-365	1	SLAT WALL SYSTEM	

* REQUIRES ELECTRICAL CONNECTION. SEE ELECTRICAL PLANS.

CANOPY AND BLDG. ACCENT SCHED. N.T.S. **E**

(A) BASE THICKNESS - 1" THICK E.I.F.S.
 (B) BASE THICKNESS - 2" THICK E.I.F.S.
 (C) BASE THICKNESS - 1" THICK E.I.F.S. WITH HIGH IMPACT MESH (ONLY WHERE NOTED). SEE DETAIL 2/A6.2.
 (D) BASE THICKNESS - 2" THICK E.I.F.S. WITH HIGH IMPACT MESH (ONLY WHERE NOTED). SEE DETAIL 2/A6.2.

**NOTE: EIFS TO BE INSTALLED 2" ABOVE SIDEWALK AND 6" ABOVE LANDSCAPING

E.I.F.S. THICKNESS N.T.S. **B**

V-XXX	QTY	ITEM DESCRIPTION	AREA	ELEC
V-349	3	TACO BELL LETTERS 12" HIGH, WHITE, FLAT FACED		X
V-322	3	TACO BELL 'BELL' SIGN 4'-10 1/2" W X 4'-6 1/4" H		X

**NOTE: SIGNAGE S.F. IS FOR SQUARED AREA LED LAMPING

SIGN SCHEDULE N.T.S. **C**

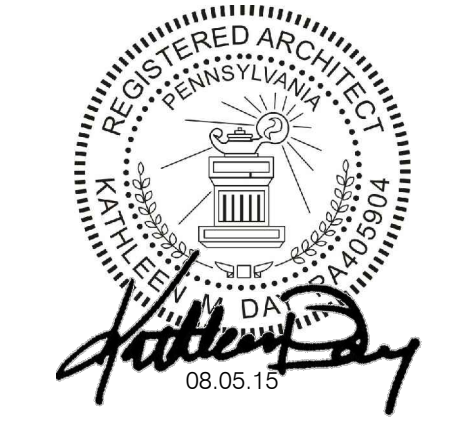
SYMBOL	AREA	MANUFACTURER	COLOR	ALTERNATE MFR.	ALTERNATE COLOR	CONTACT INFORMATION
1	MAIN BUILDING COLOR	SHERWIN WILLIAMS	SW 6122 "CAMEL BACK"	LOTUSAN	NA08-0011	SHERWIN WILLIAMS: BRAD HARRINGTON, 216-341-5558 X115 (PHONE), BRAD.E.HARRINGTON@SHERWIN.COM
2	WALL COLOR BEHIND SCREEN WALL	SHERWIN WILLIAMS	SW 6831 "CLEMATIS"			
3	ACCENT COLOR	SHERWIN WILLIAMS	SW 2823 "ROOKWOOD CLAY"	LOTUSAN	NA08-0010	EIFS CONTACT: STO CORP.; CHUCK DUFFIN, 940-894-2092 (PHONE), 940-894-2095 (FAX), CDUFFIN@STOCORP.COM. OWNER REPRESENTATIVE WILL IDENTIFY IF LOTUSAN PAINT WILL BE USED.
4	SLAT WALL AND VALANCE COLOR	VENDOR	SW 7034 "STATUS BRONZE" (EQUAL)			
5	PARAPET CAP COLOR	(27) DUROLAST	MEDIUM BRONZE (FACTORY FINISH)	SHERWIN WILLIAMS	SW 7069 "IRON ORE"	DURO-LAST: CURT JAFFEE, 800-356-6646 (PHONE), CJAFFEE@DURO-LAST.COM
6	STONE WALL	BORAL - VERSETTA STONE	TIGHT CUT - "PLUM CREEK"	OWENS CORNING	IDAHO DRY STACK, CARMEL MOUNTAIN CULTURED STONE VENEER - FULLY GROUTED.	VERSETTA STONE WALL: ASHLEY JOYCE, 770-645-4531 (PHONE) ALTERNATE: CORONADO: 1-800-847-8663
7	STOREFRONT WINDOWS	TBD	"DARK BRONZE"			
8	PIPE BOLLARDS	STREET SMART	YELLOW - 1/4" THICK PLASTIC COVER (US.POSTMAN.COM) OR EQUAL			
9	PARAPET BACK ROOFING	DUROLAST	THE COLOR SHALL BE FACTORY COLORED "TAN." EQUAL ALTERNATE ALLOWED.			DURO-LAST: LEE COBB, 800-434-3876 (PHONE)

EXTERIOR FINISH SCHEDULE **H**

- (1) BUILDING SIGN. SEE SCOPE OF WORK.
- (2) DRIVE THRU WINDOW. SEE SHEET A1.0 AND A1.1.
- (3) ROOF BEYOND.
- (4) STOREFRONT TYPICAL.
- (5) DOUBLE DOOR.
- (6) SWITCH GEAR. PAINT TO MATCH WALL.
- (7) ARCHITECTURAL ALUMINUM VALANCE BY VENDOR.
- (8) LIGHT SCONCE. ALIGN BOTTOM OF FIXTURE'S MOUNTING BRACKET WITH CHANGE IN EIFS THICKNESS (CENTER OF BRACKET AT 9'-2").
- (9) ASSUME D/T LANE SURFACE IS 6" BELOW THE FINISH FLOOR. REFER TO GRADING & SITE PLAN.
- (10) 2" EIFS TO TERMINATE AT TOP OF WINDOW HEIGHT. PROVIDE 1" EIFS ABOVE THAT POINT. SLOPE TRANSITION AWAY FROM BUILDING 1:12.
- (11) EIFS (TYP). SEE 2 & 4/A6.2.
- (12) PARAPET COPING. IF DURO-LAST EDGE TRIM IS USED. USE THE DURO-LAST PRE-FINISHED EDGE TRIM. SEE DETAIL 2/A6.0.
- (13) CO2 FILLER VALVE & COVER. SEE DETAIL 5/A6.2 SIM.
- (14) EIFS REVEAL JOINT.

- (15) GAS SERVICE.
- (16) WALL SHALL BE FINISHED PRIOR TO INSTALLATION OF SWITCHGEAR.
- (17) SCUPPER, COLLECTOR, AND VERTICAL DOWNSPOUT 6" MIN. PAINT TO MATCH ADJACENT WALL. PER SMACNA STANDARDS.
- (18) NOT USED.
- (19) RTU BEYOND. PAINT TO MATCH MAIN BUILDING COLOR.
- (20) BREAK METAL COVER OVER WOOD STUDS TO MATCH STOREFRONT. SEE 3, 4 & 7/A6.1.
- (21) HIGH IMPACT E.I.F.S. WHERE SHOWN ON ELEVATIONS. TOP EXTENT AT 5'-0". SEE 2/A6.2.
- (22) ALUMINUM SLAT WALL BY VENDOR.
- (23) BOLLARD.
- (24) EIFS TRANSITION. SEE DETAIL 7/A6.2 (SIM).
- (25) EXTEND FRAMING FOR BUMP-OUT DOWN TO ROOF. USE DETAIL 7/A6.2 FOR EIFS TRANSITION.
- (26) DUROLAST SINGLE MEMBRANE ROOFING OR EQUAL.
- (27) IF THE DURO LAST PARAPET CAP TRIM IS USED IT SHALL NOT BE PAINTED.
- (28) OVERFLOW DRAIN.
- (29) HOSE BIBB. SEE DETAIL 8/A6.2.
- (30) RETURN ALUMINUM LOUVERS BACK TO FACE OF BUILDING.

KEY NOTES **D**



OWNER COMMENTS - 12.07.15

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV O
 SITE NUMBER:
 STORE NUMBER:

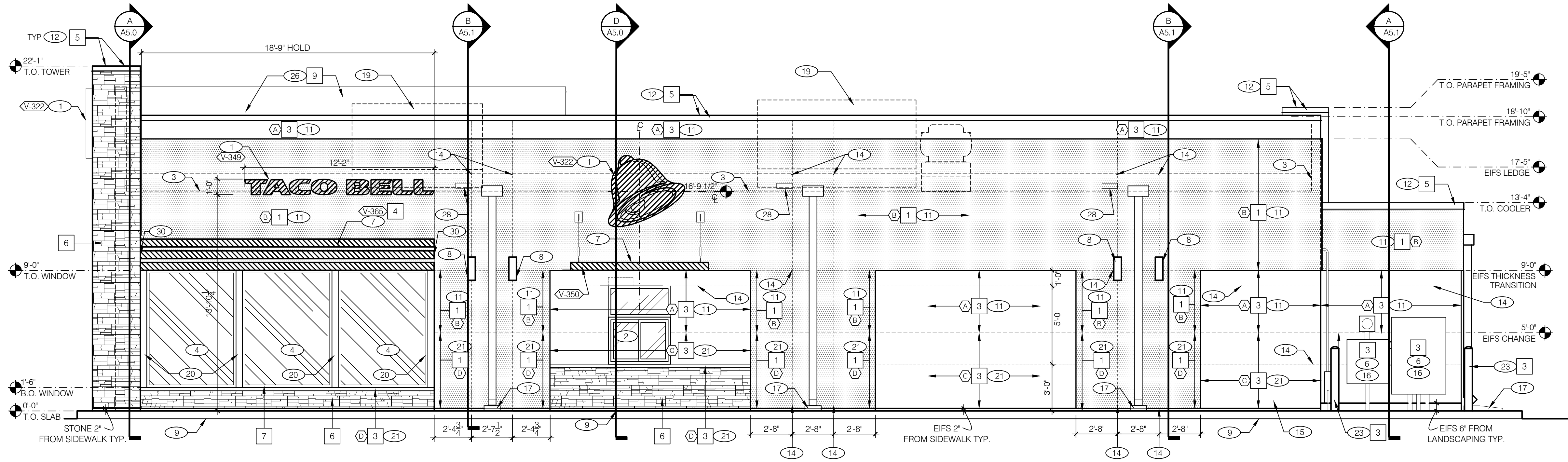
TACO BELL
 US Route 220
 Township of Bedford, PA



EXTERIOR ELEVATIONS

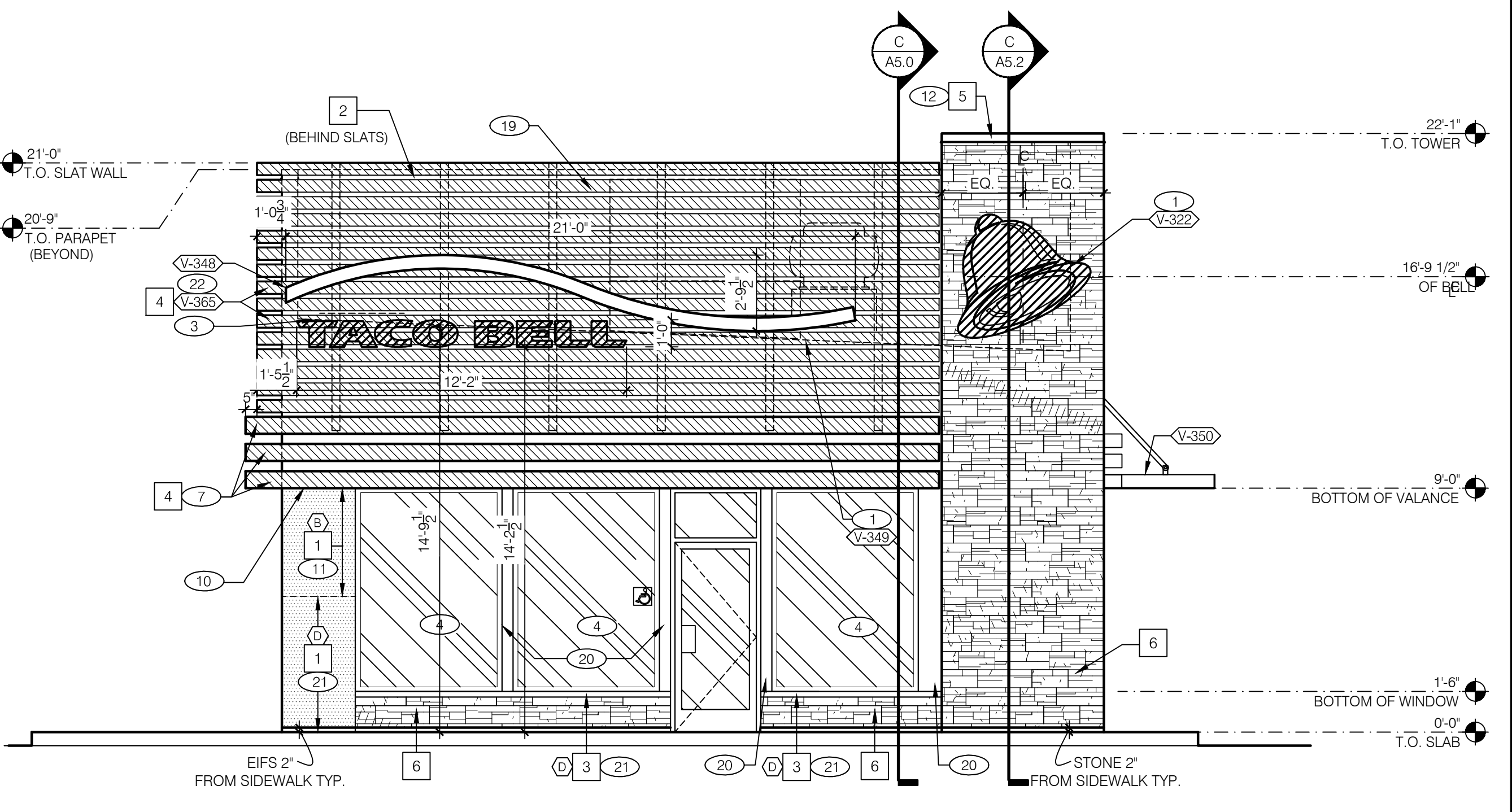
A4.0

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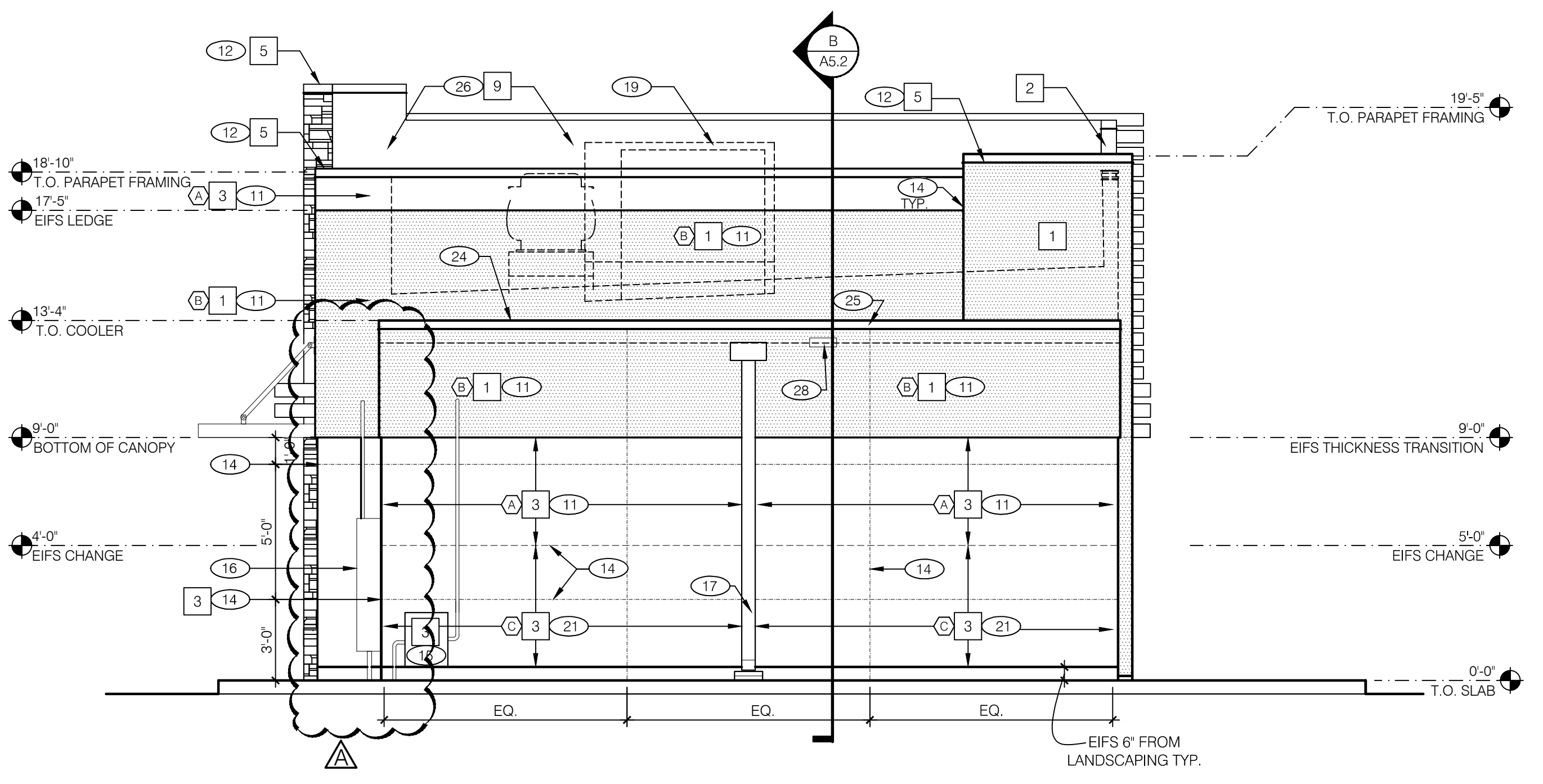


SEE SHEET A4.0 FOR KEYNOTES.

LEFT SIDE ELEVATION 1/4" = 1'-0" **A**



FRONT ELEVATION 1/4" = 1'-0" **C**



REAR ELEVATION 1/4" = 1'-0" **B**

OWNER COMMENTS - 12.07.15

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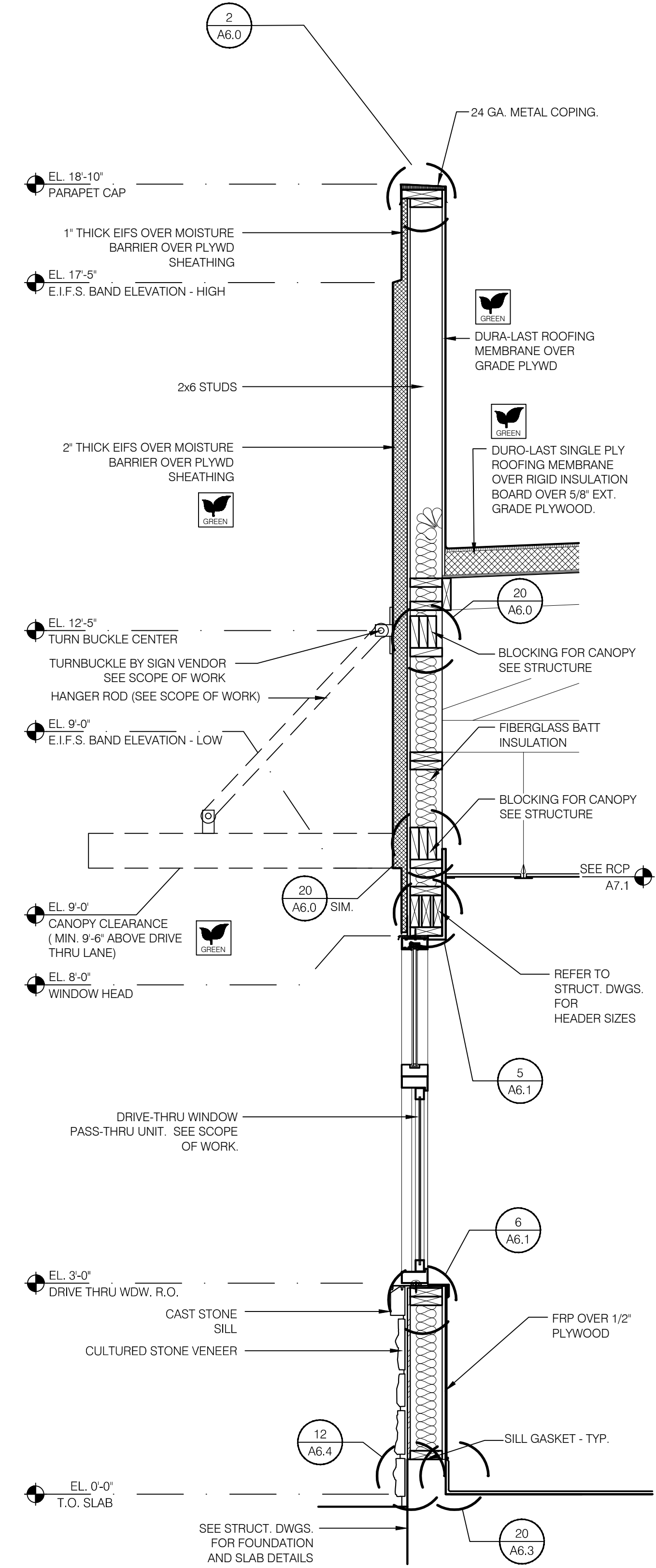
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 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV O
 SITE NUMBER:
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TACO BELL
 US Route 220
 Township of Bedford, PA

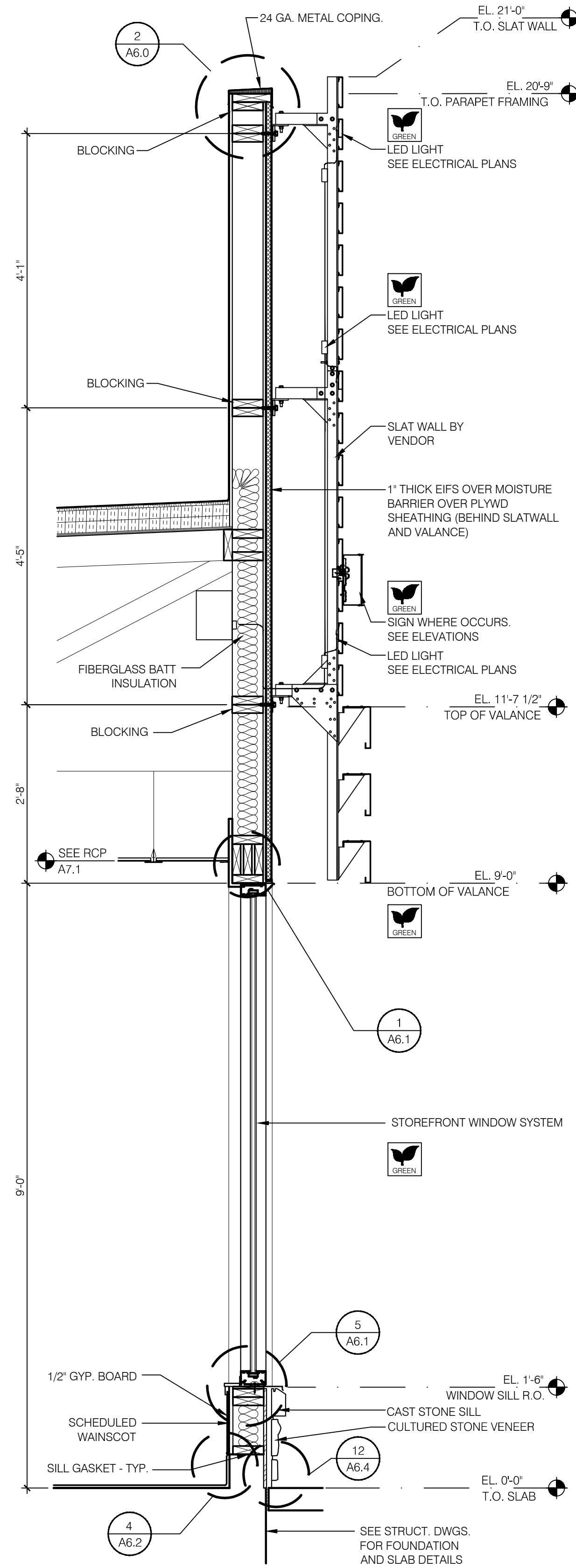
LIVE MAS
 LARGE 50
EXTERIOR ELEVATIONS

A4.1

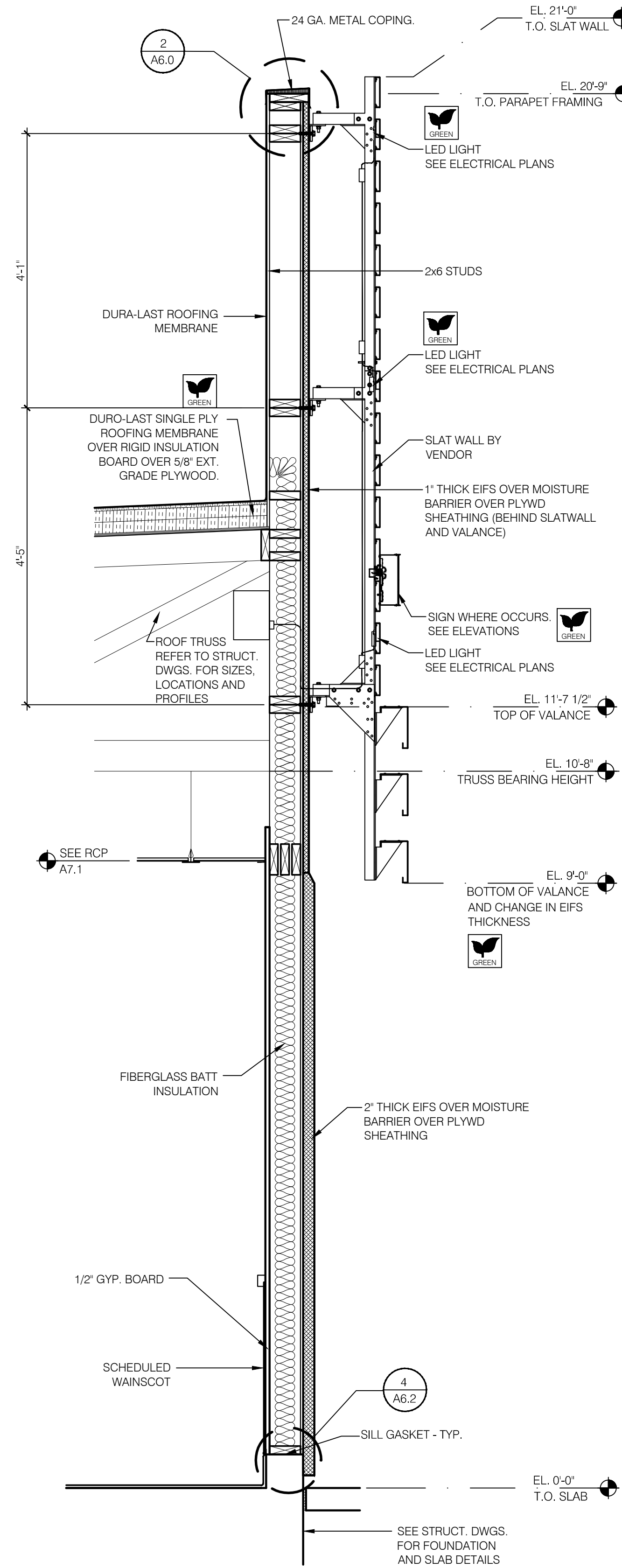
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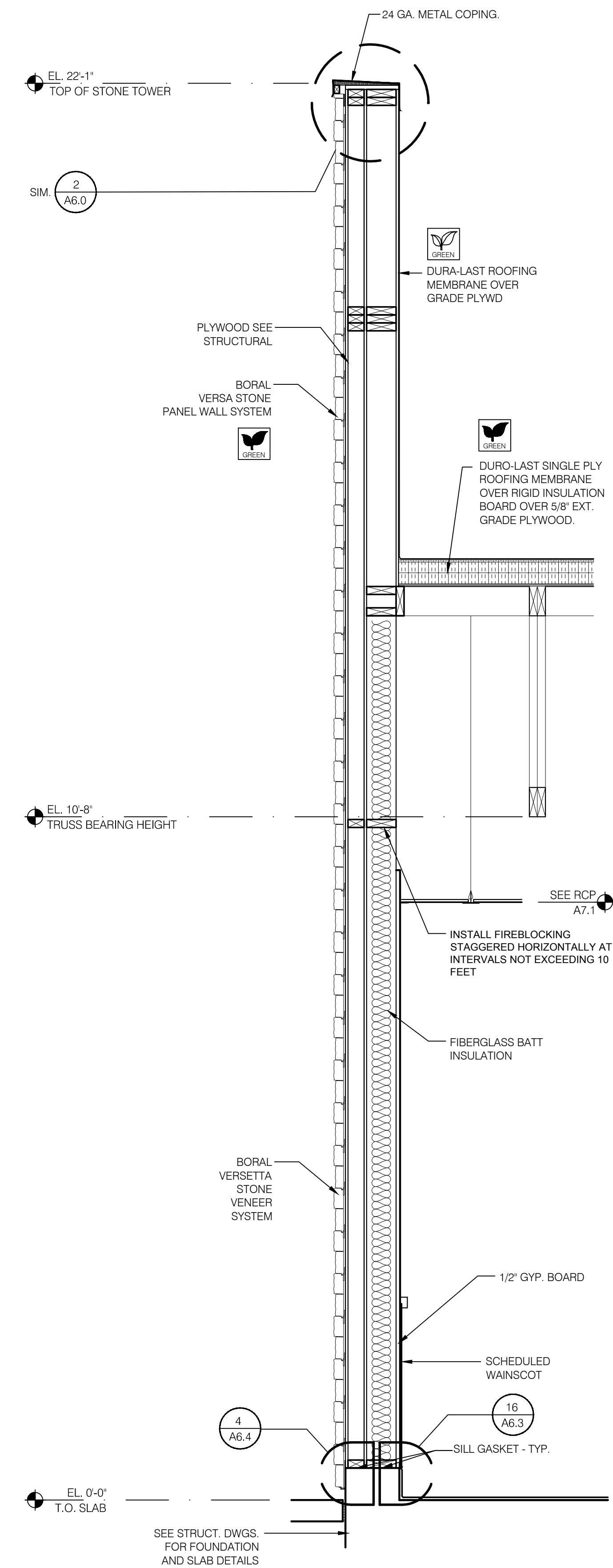
WALL SECTION AT DRIVE THRU 3/4" = 1'-0" **D**



WALL SECTION AT DINING - ENTRY SIDE 3/4" = 1'-0" **C**



WALL SECTION AT DINING TYP. 3/4" = 1'-0" **B**



SECTION AT DINING - DRIVE THRU SIDE TOWER 3/4" = 1'-0" **A**

OPTION TO REPLACE RIGID INSULATION W/ BATT INSULATION. BATT TO BE HUNG FROM PLYWOOD DECK BETWEEN JOISTS. ENERGY CALCULATION TO BE REVISED ACCORDINGLY. SEE CALLOUT ON DETAIL B/A5.2

kathleen day, architect
8535 ferry road
waynesville, oh 45068
617.331.2545
kathleendayarchitect@gmail.com



CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS -Large 50
PLAN VERSION: 06.08.15 -- REV O
SITE NUMBER:
STORE NUMBER:

TACO BELL
US Route 220
Township of Bedford, PA



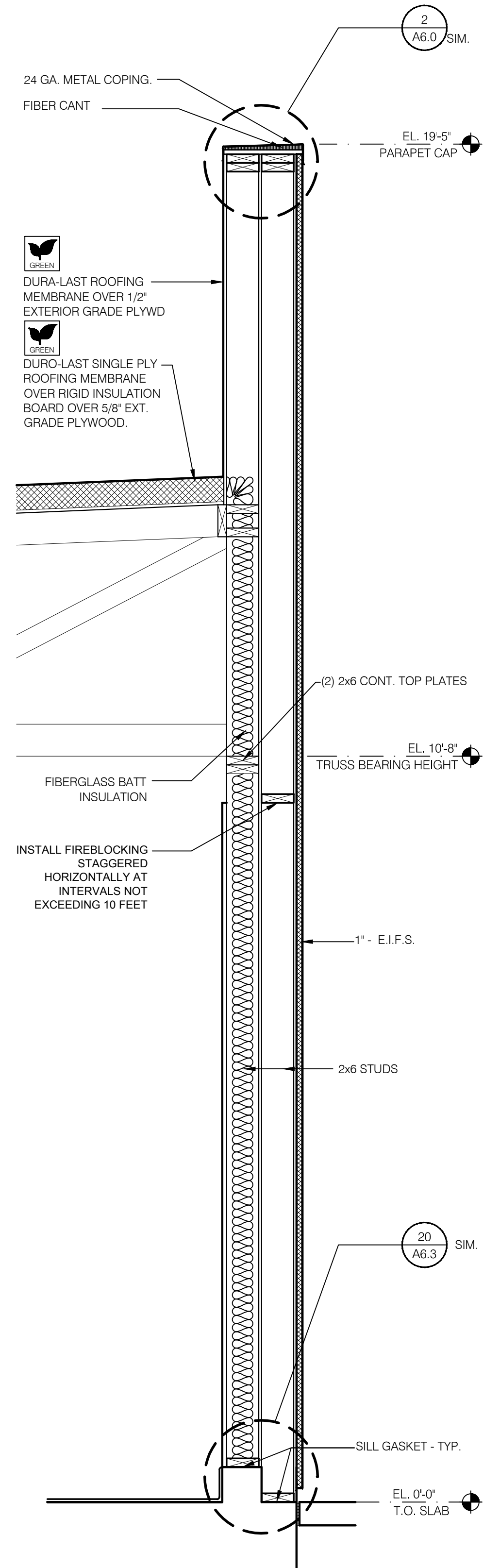
WALL SECTIONS

A5.0

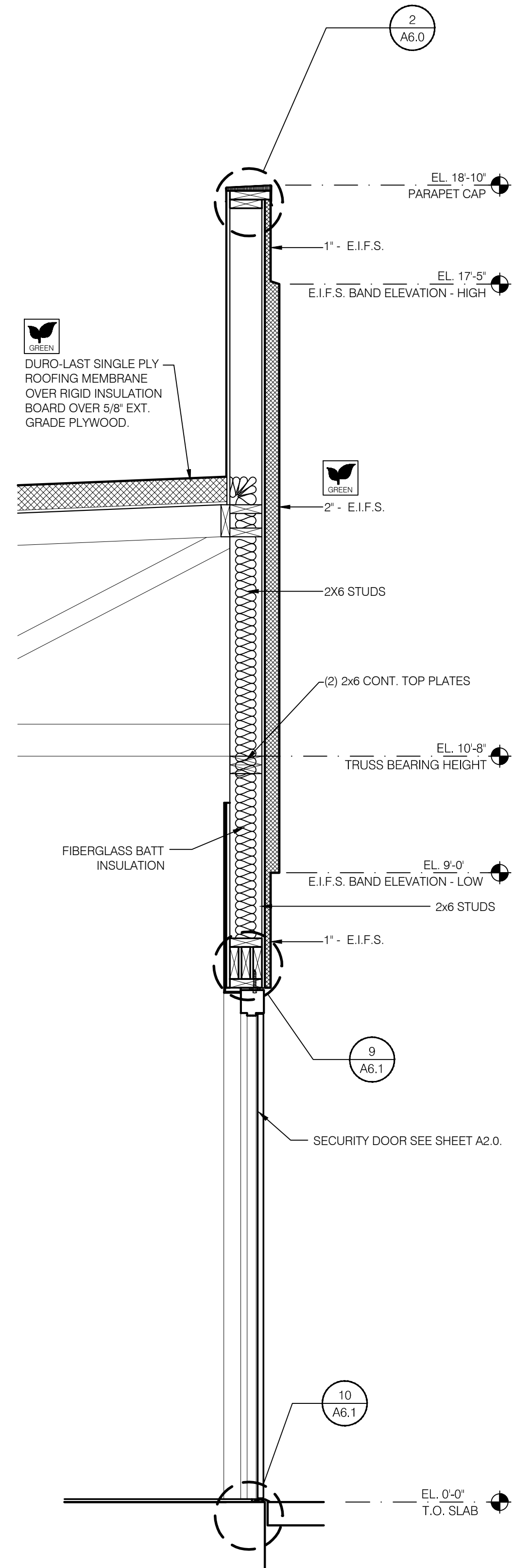
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OPTION TO REPLACE RIGID INSULATION W/ BATT INSULATION. BATT TO BE HUNG FROM PLYWOOD DECK BETWEEN JOISTS. ENERGY CALCULATION TO BE REVISED ACCORDINGLY. SEE CALLOUT ON DETAIL B/A5.2

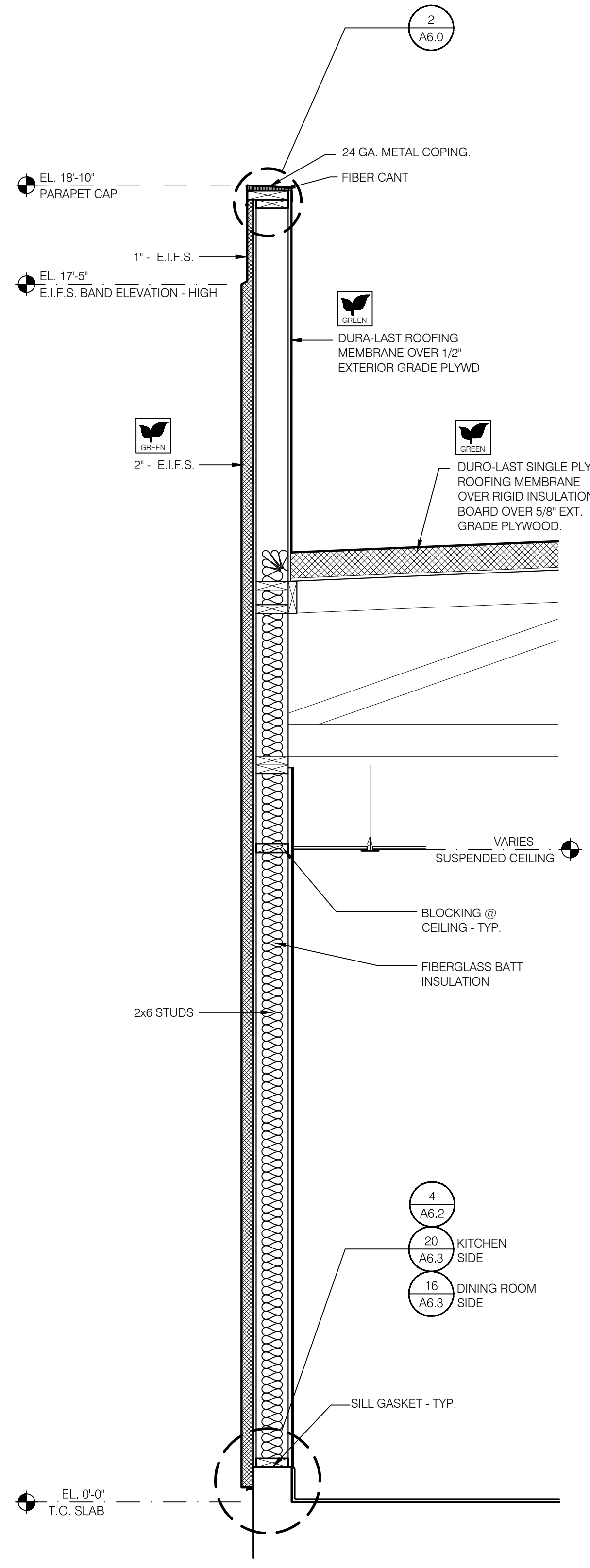
kathleen day, architect
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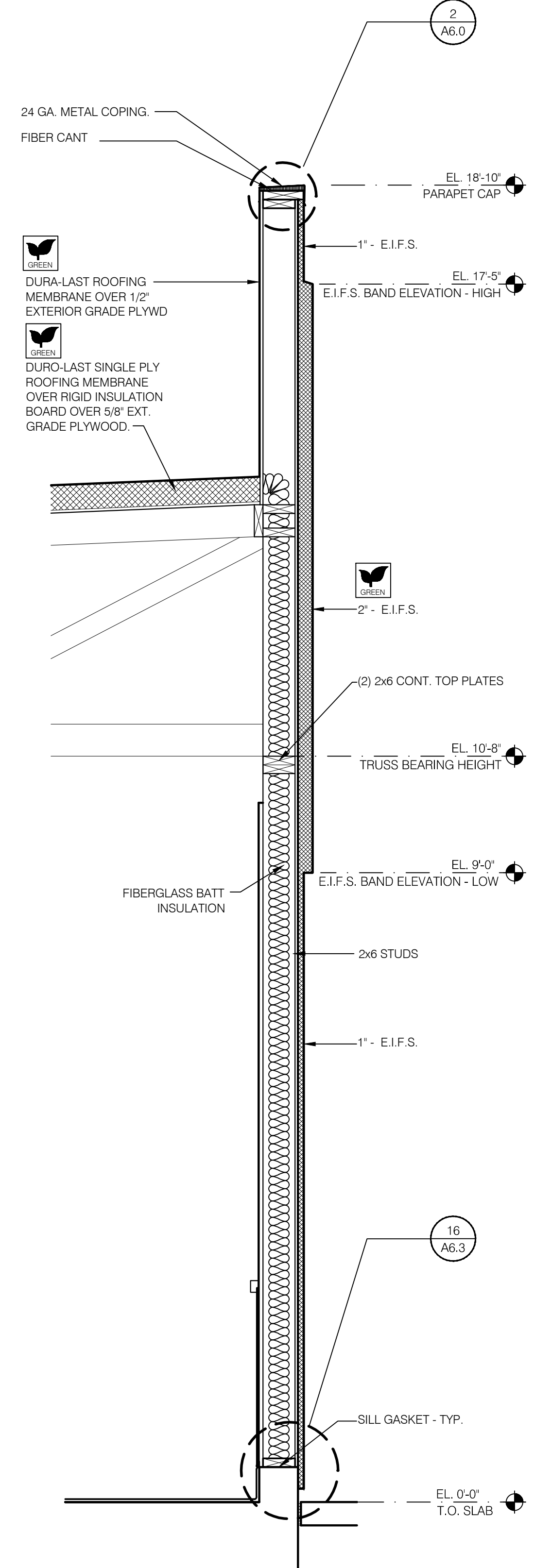
SECTION AT REAR TOWER 3/4" = 1'-0" **D**



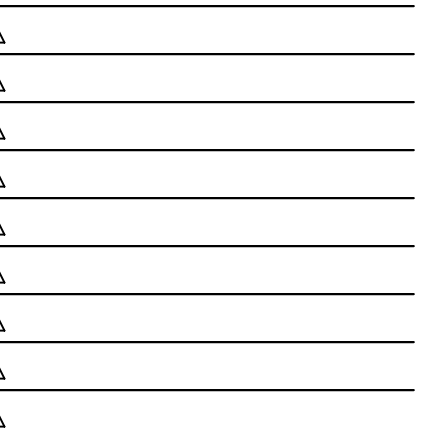
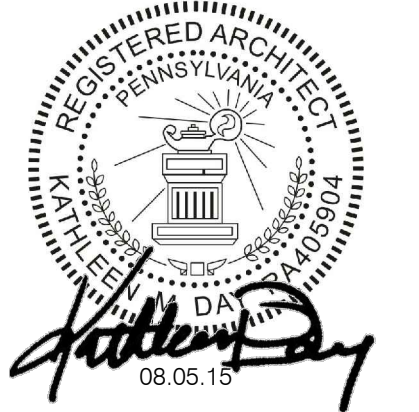
WALL SECTION AT SERVICE DOOR 3/4" = 1'-0" **C**



WALL SECTION AT THICK E.I.F.S. 3/4" = 1'-0" **B**



TYPICAL WALL SECTION 3/4" = 1'-0" **A**



CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL

US Route 220
 Township of Bedford, PA



LIVE MAS

LARGE50

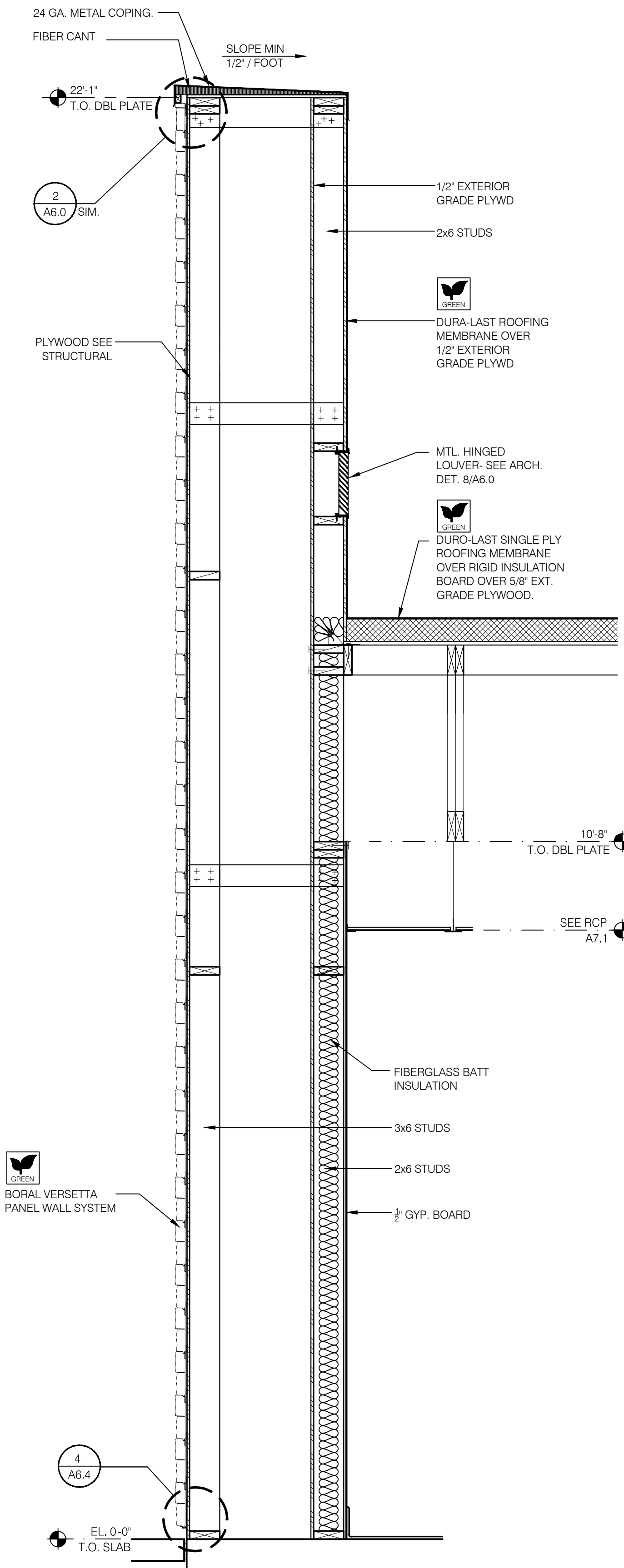
WALL
 SECTIONS

A5.1

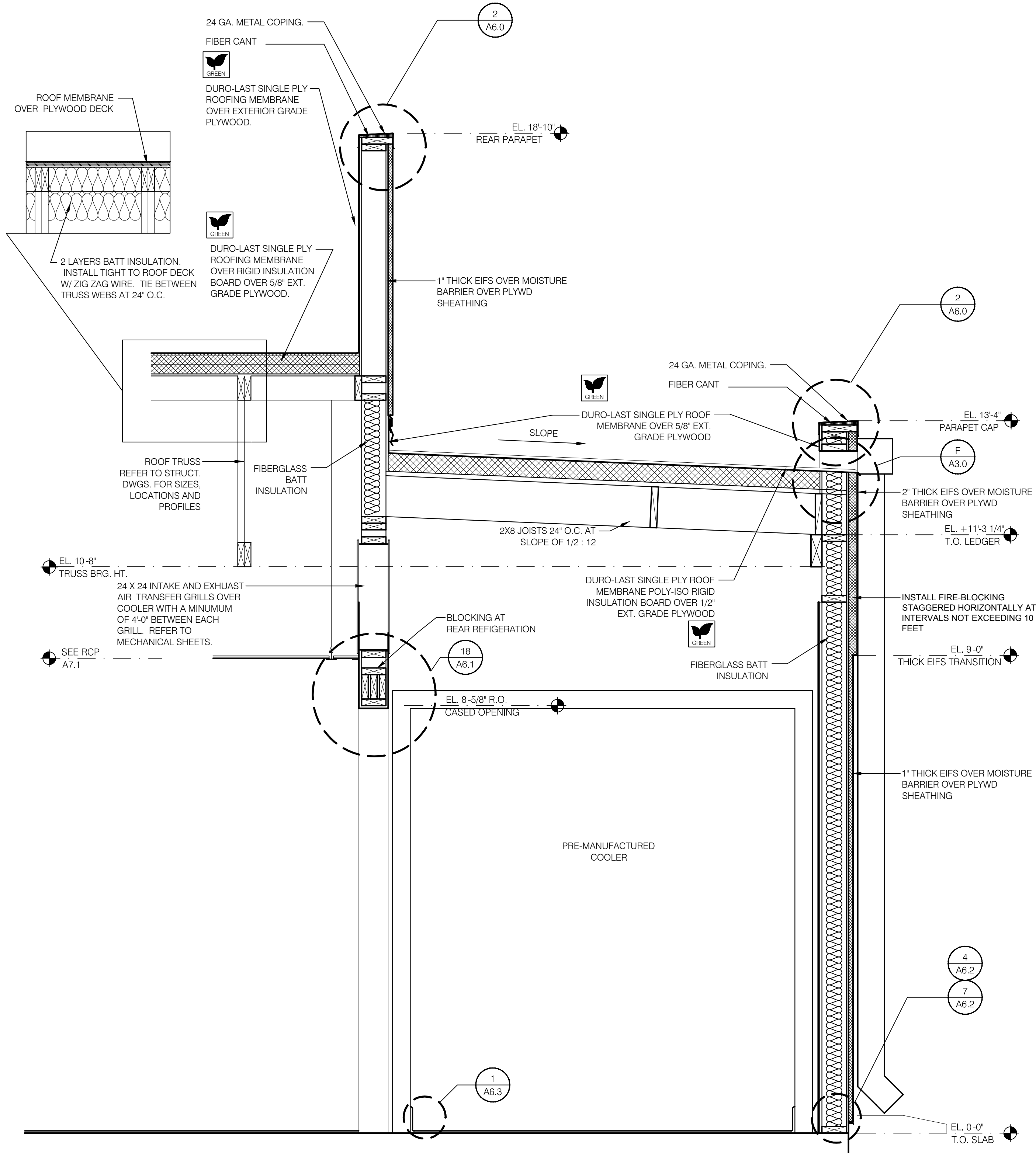
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OPTION TO REPLACE RIGID INSULATION W/ BATT INSULATION BATT TO BE HUNG FROM PLYWOOD DECK BETWEEN JOISTS. ENERGY CALCULATION TO BE REVISED ACCORDINGLY. SEE CALLOUT ON DETAIL B/A5.2

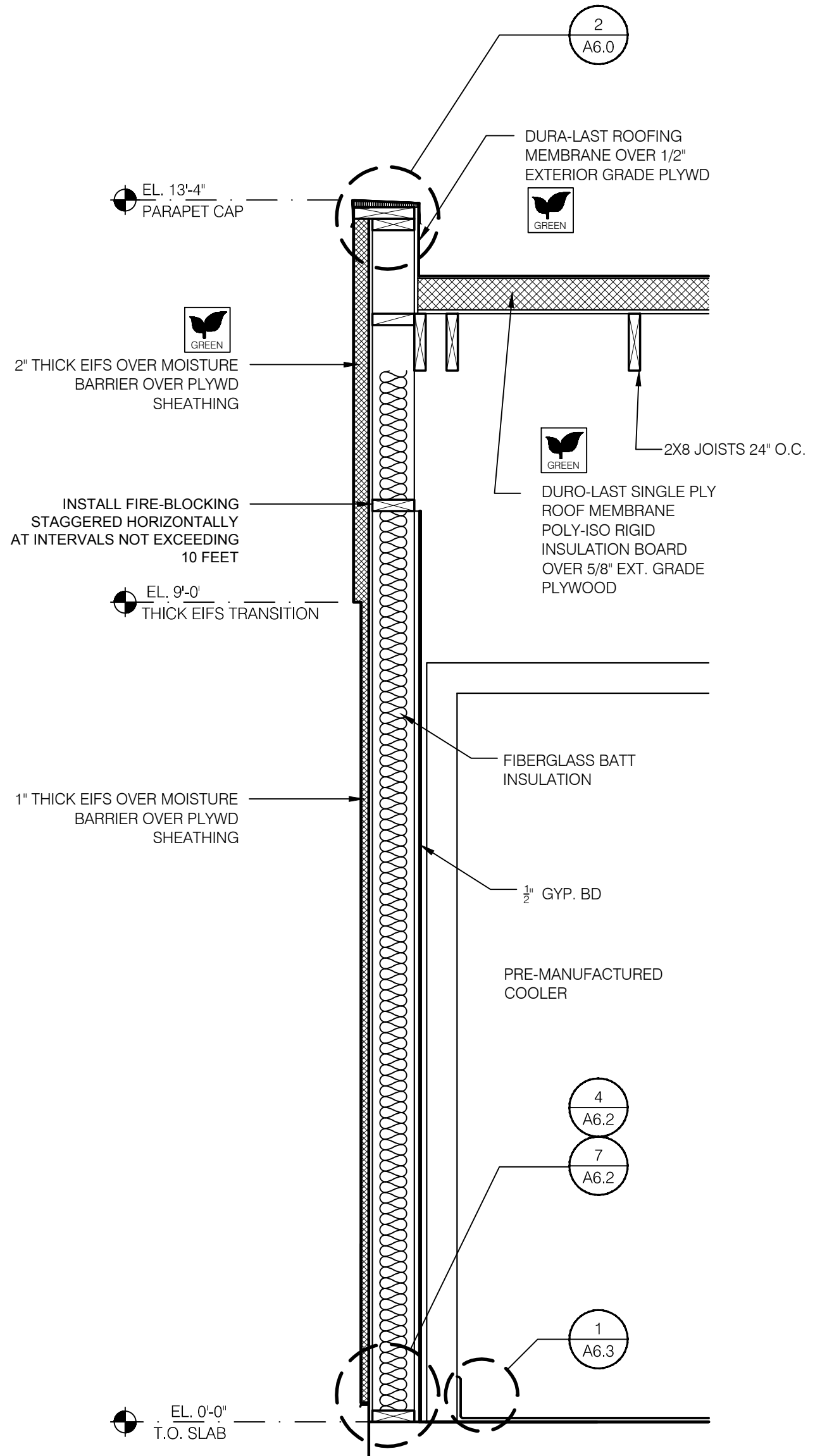
kathleen day, architect
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 kathleendayarchitect@gmail.com



FRONT WALL SECTION 3/4" = 1'-0" **C**



REAR WALL SECTION AT COOLER 3/4" = 1'-0" **B**



WALL SECTION AT COOLER 3/4" = 1'-0" **A**



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CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

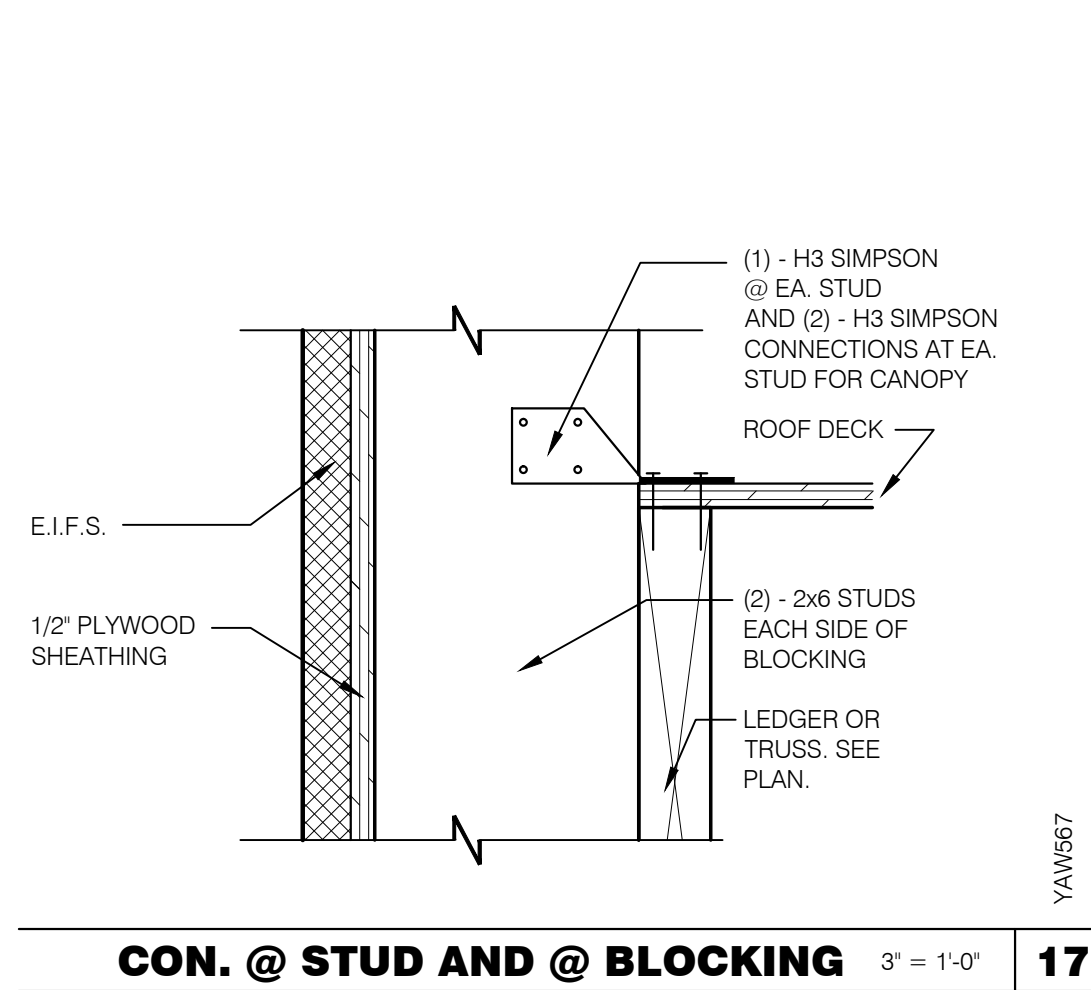
TACO BELL
 US Route 220
 Township of Bedford, PA

TACO BELL
LIVE MAS
 LARGE50

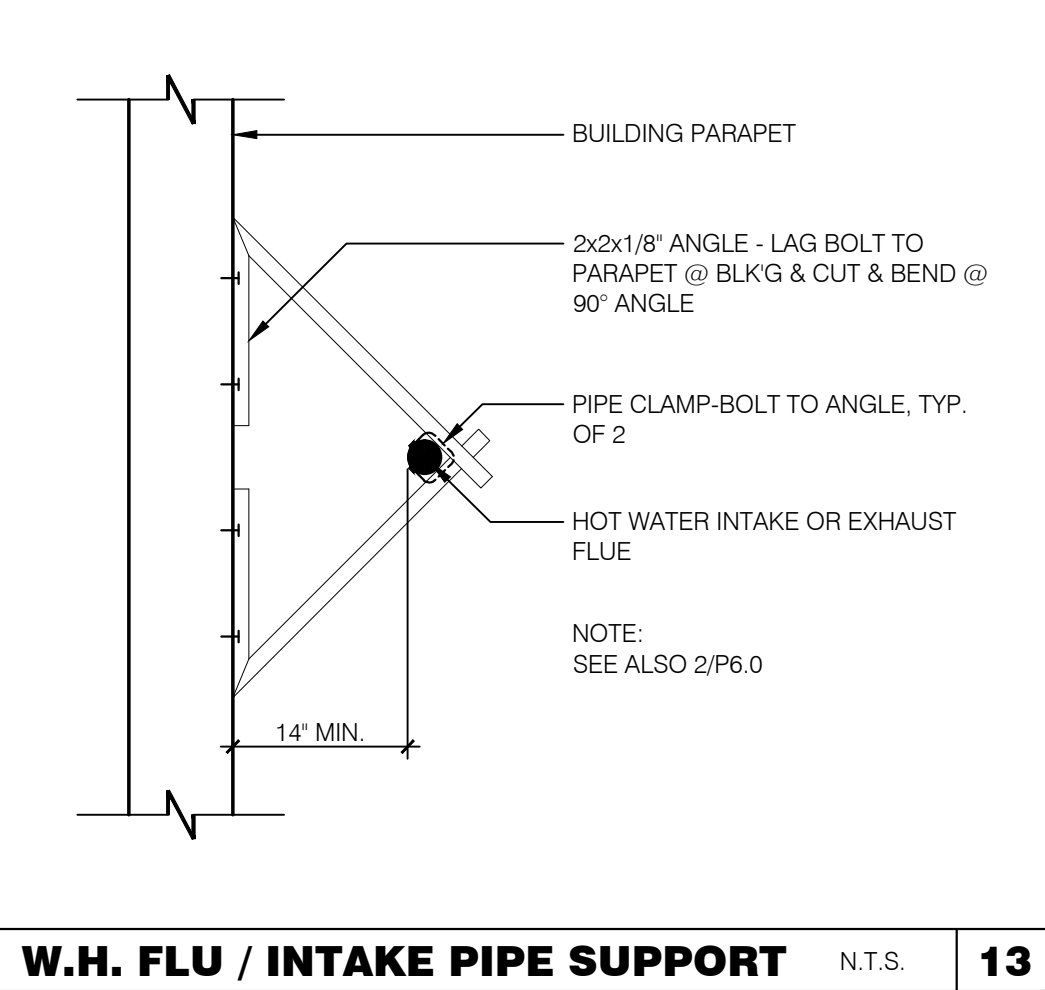
WALL SECTIONS

A5.2

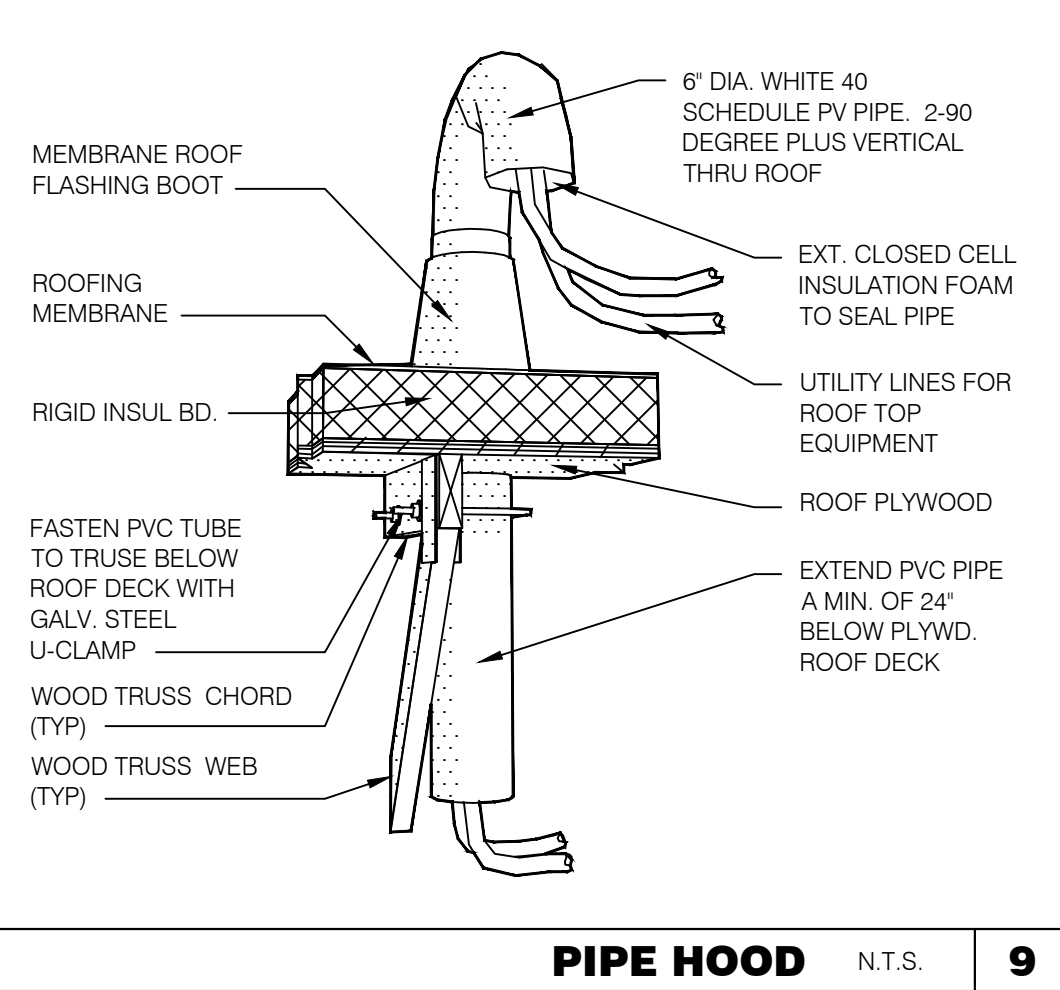
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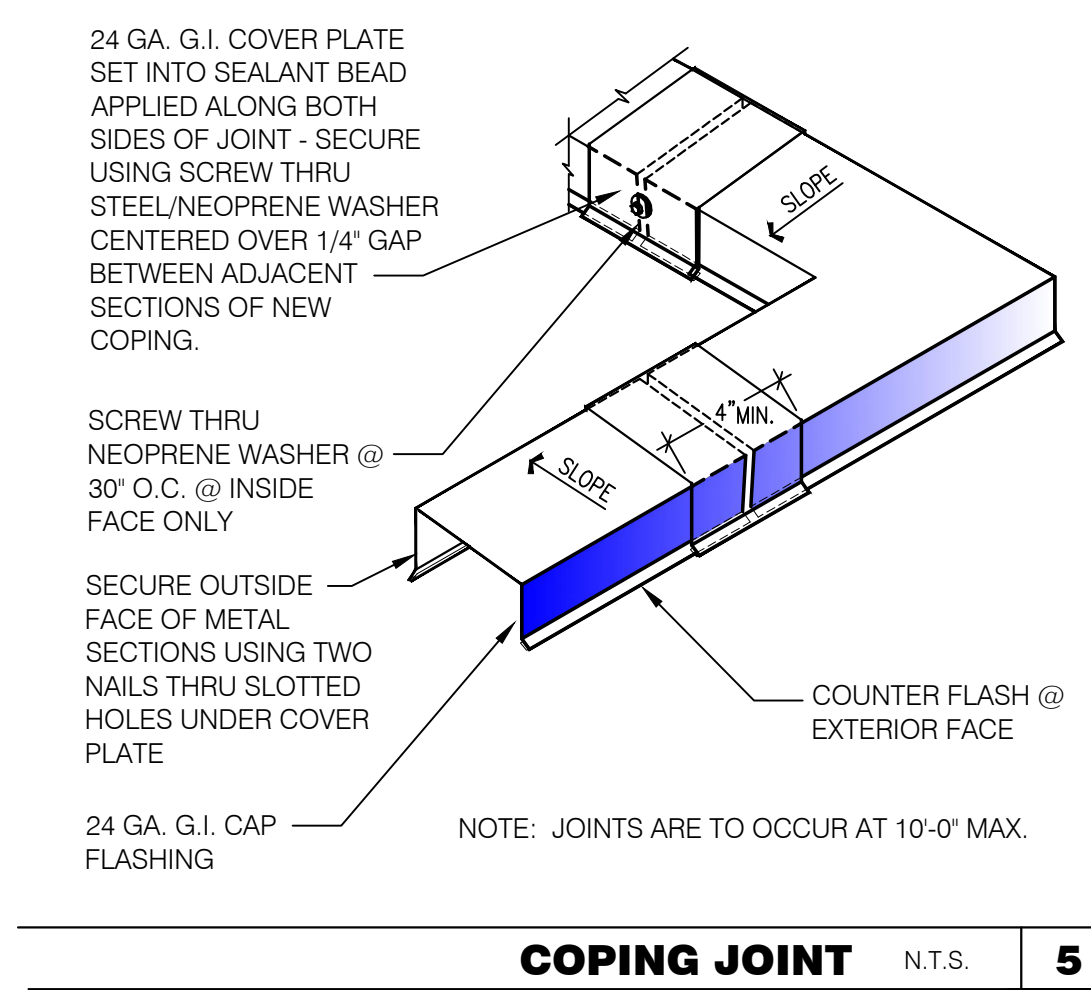
CON. @ STUD AND @ BLOCKING 3' = 1'-0" **17**



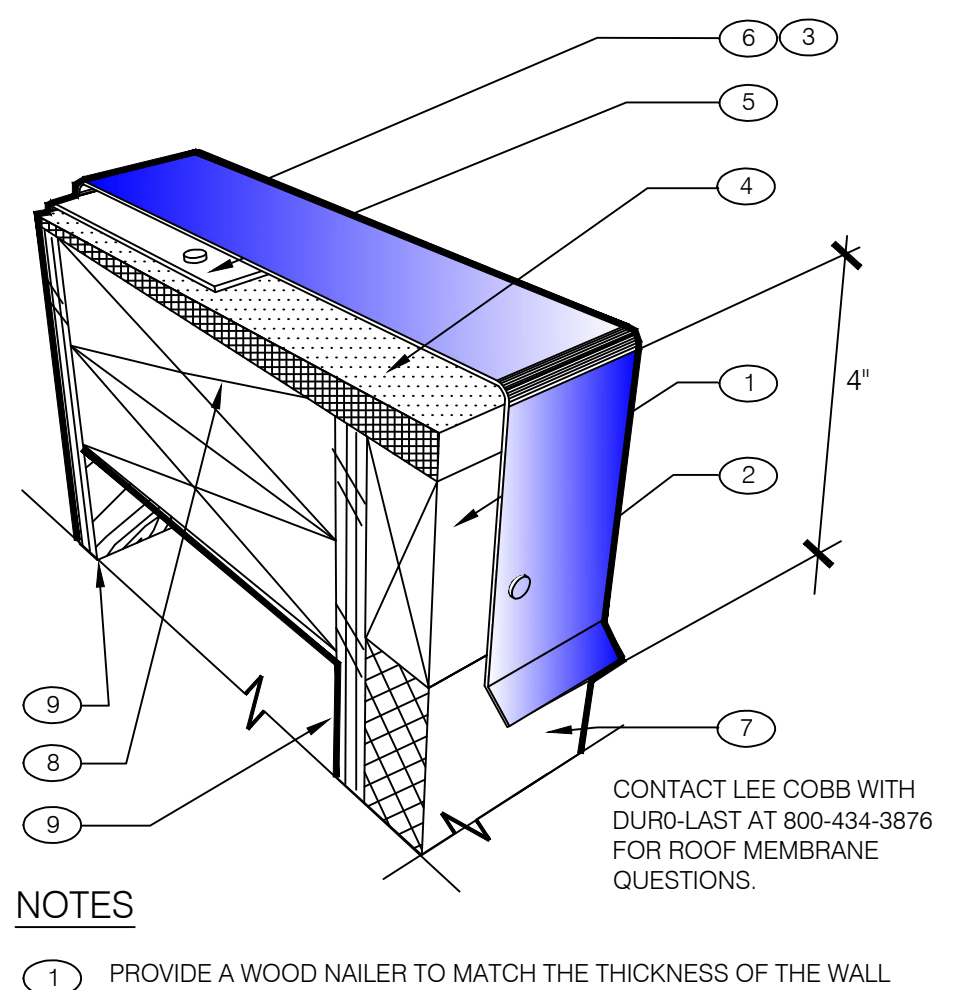
W.H. FLU / INTAKE PIPE SUPPORT N.T.S. **13**



PIPE HOOD N.T.S. **9**

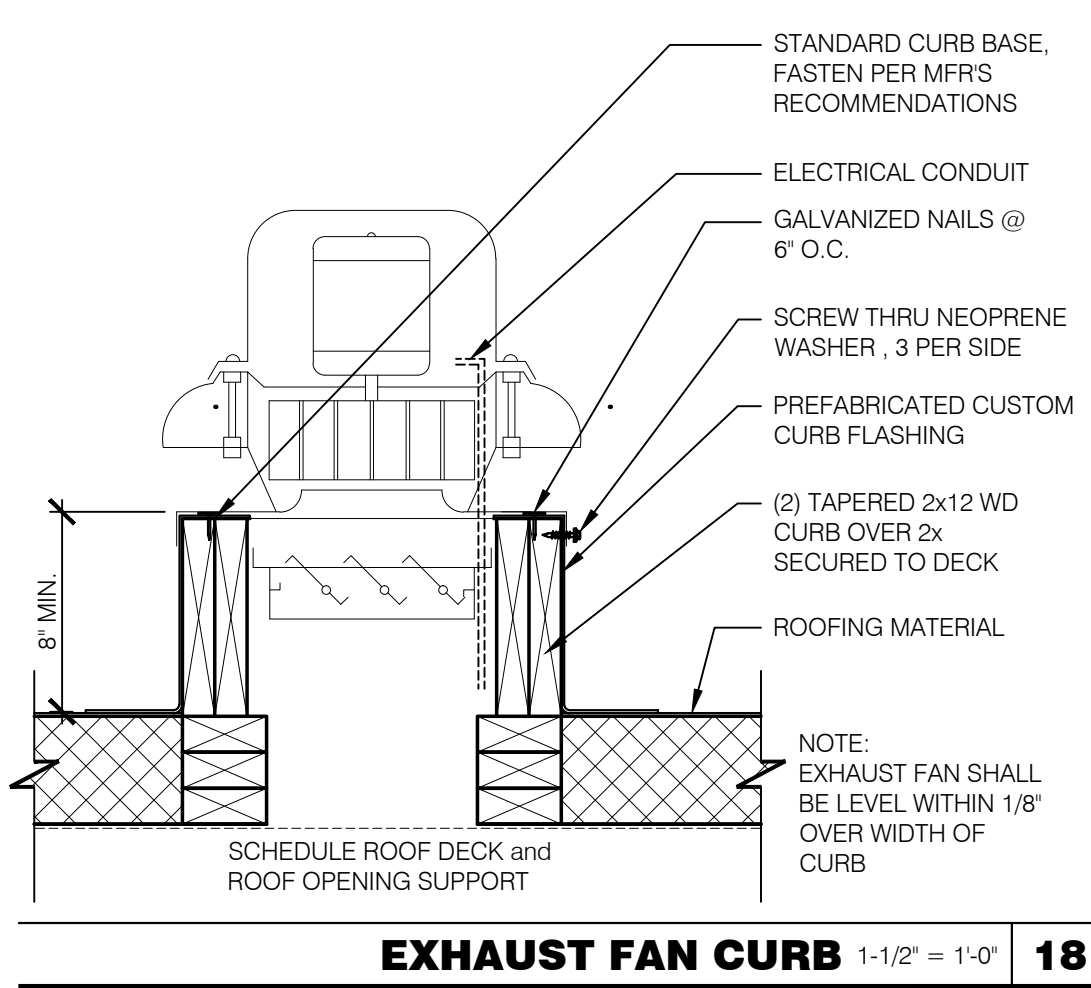


COPING JOINT N.T.S. **5**

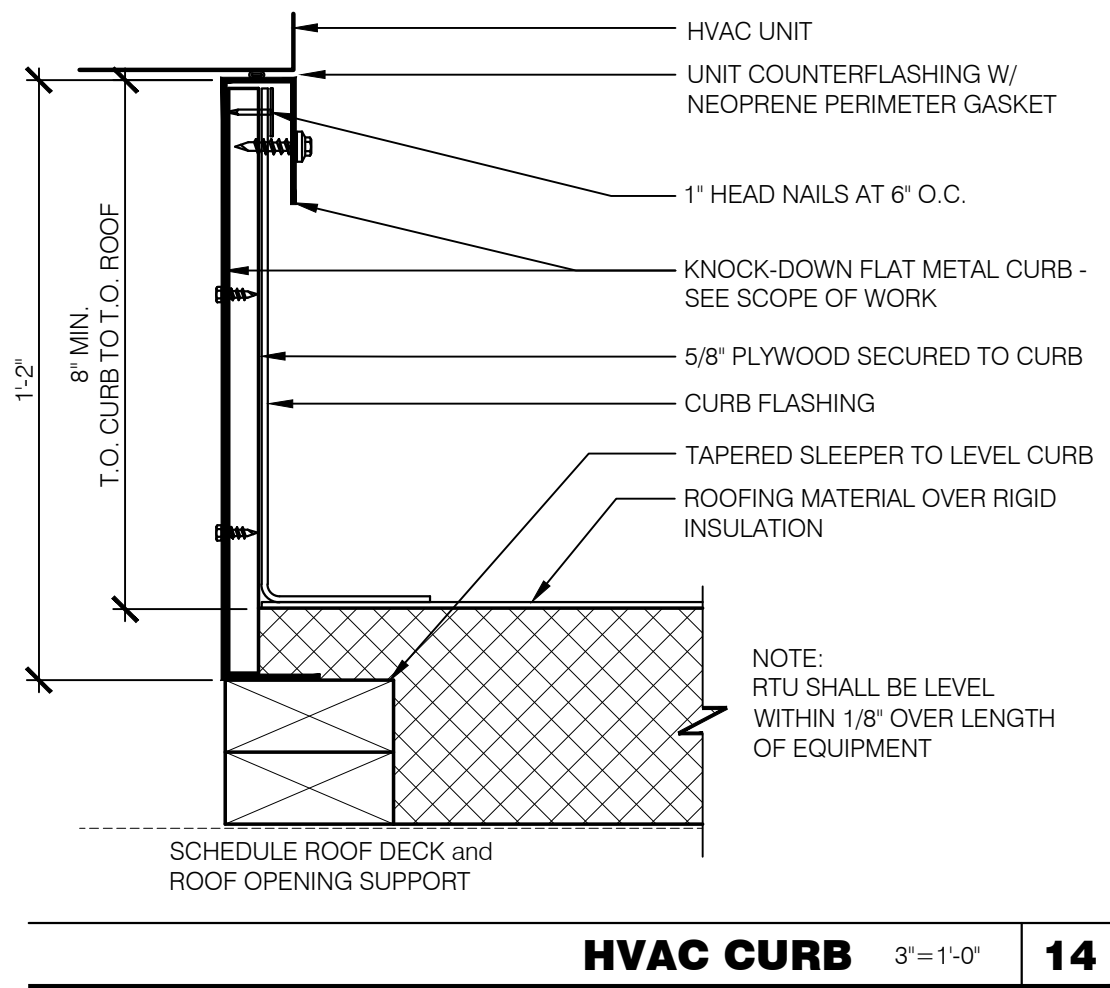


PARAPET CAP N.T.S. **2**

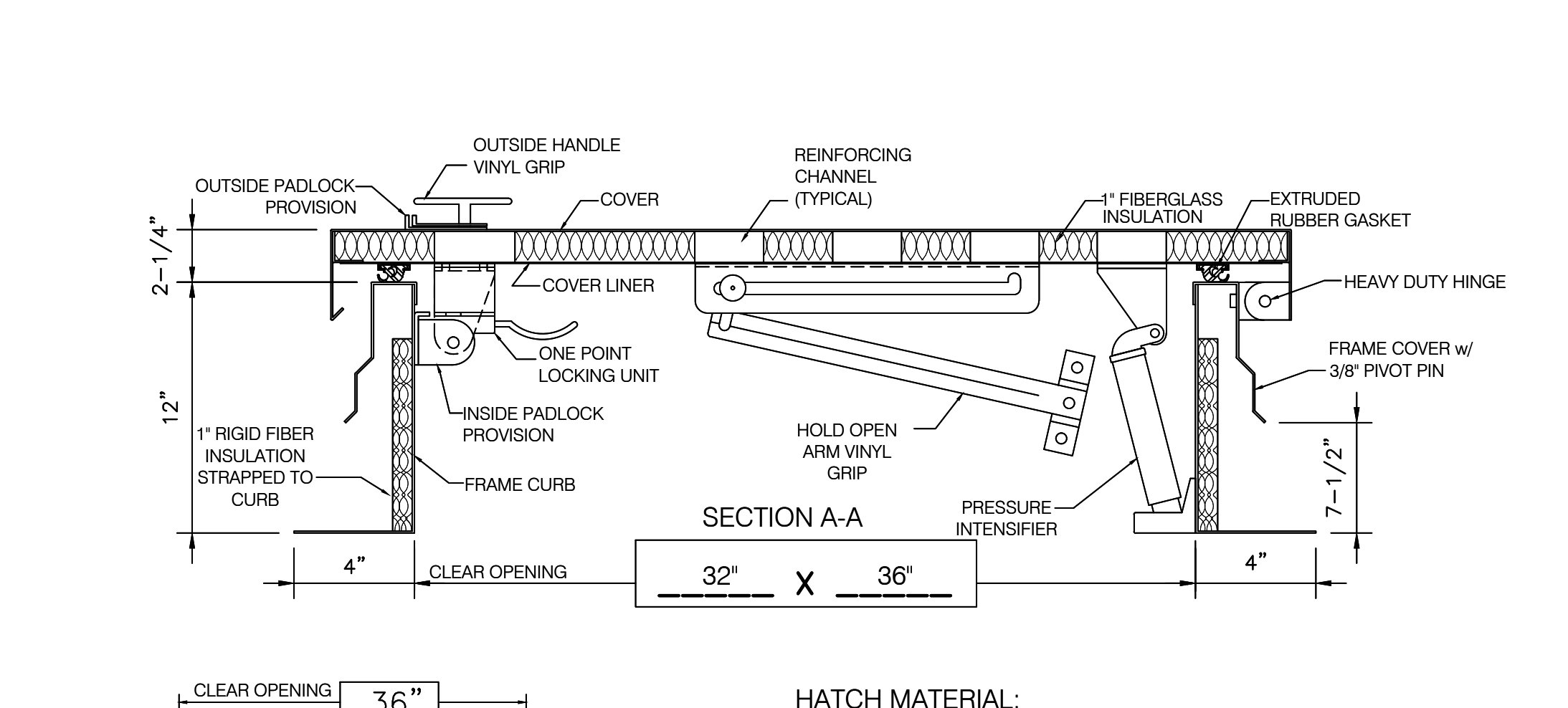
- NOTES**
- PROVIDE A WOOD NAILER TO MATCH THE THICKNESS OF THE WALL FINISH. APPROX. 1" THICK IS TYPICAL BUT MAY VARY. TOP OF WOOD NAILER SHALL BE FLUSH WITH TOP OF WALL FINISH. THE WOOD NAILER SHALL EXTEND AT LEAST 1/2" INCH BEYOND THE LOWER HORIZONTAL EDGE OF THE PARAPET COPING TO ALLOW FOR PROPER FASTENING.
 - FASTENERS USED TO ATTACH THE COPING TO WOOD NAILERS, MUST BE SPACED NO GREATER THAN 18" INCHES ON-CENTER.
 - ALLOW FOR 1/8" INCH EXPANSION GAP BETWEEN 10-FOOT LENGTHS OF COPING. PROVIDE A COPING JOINT COVERS BETWEEN ENDS OF COPING PIECES AND AT CORNERS. JOINT COVERS SHOULD BE MADE FROM THE SAME MATERIAL AS THE COPING AND SHOULD LAP THE JOINTS A MINIMUM OF 6" ON EITHER SIDE. JOINT COVERS SHALL BE FASTENED THE SAME WAY AS THE COPING.
 - FIBER CANT STRIP SLOPED 1/4:12 TOWARDS ROOF.
 - ROOF MEMBRANE
 - FACTORY PAINTED 24 GAUGE METAL COPING WITH 4" DROP FRONT, BACK AND ENDS (WHERE SHOWN).
 - WALL FINISH: TYPICALLY 1" THK EIFS OR 7/8" THK STUCCO
 - DOUBLE 2X TOP PLATE
 - PLYWOOD SUBSTRATE. SEE SHEET A1.0 & S2.0 FOR ADDITIONAL DETAILS



EXHAUST FAN CURB 1-1/2" = 1'-0" **18**



HVAC CURB 3' = 1'-0" **14**

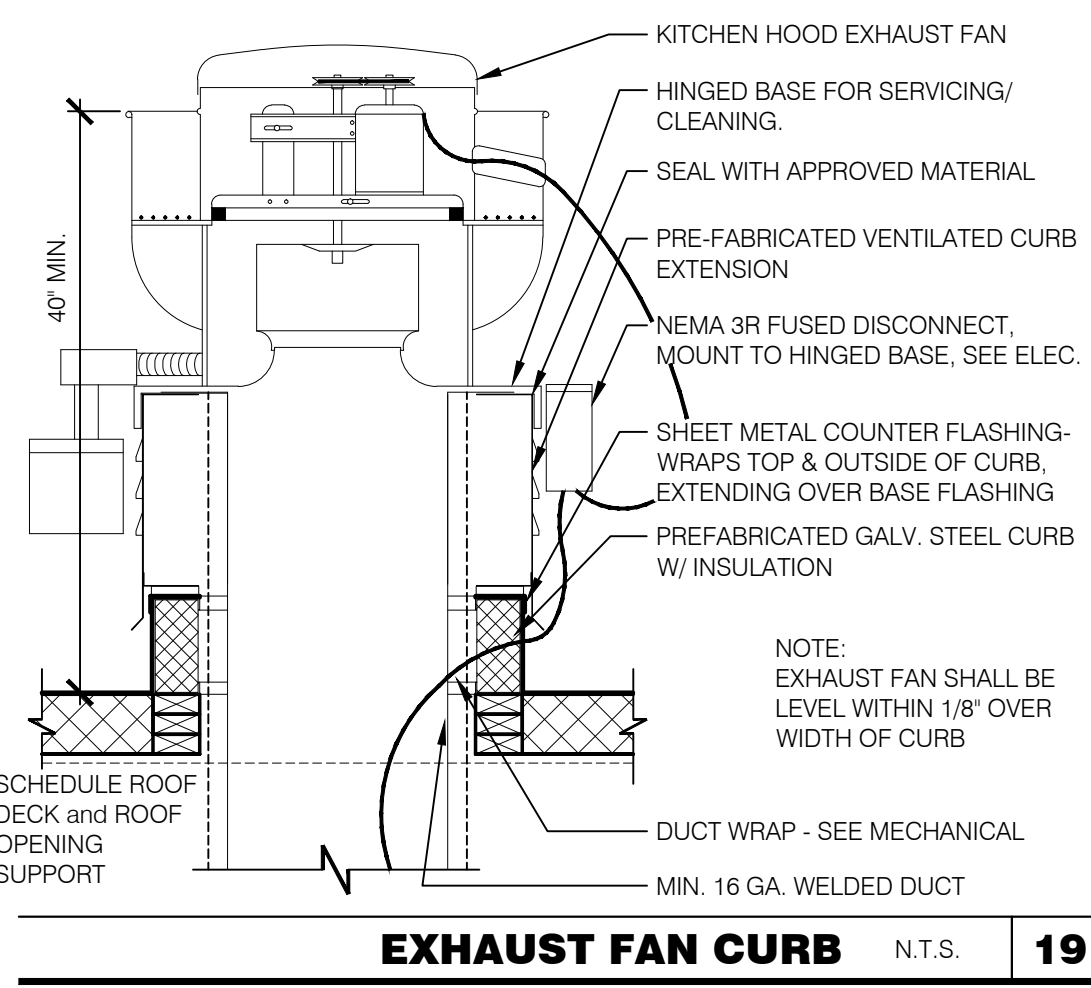


ROOF LADDER AND HATCH 1' = 1'-0" **7**

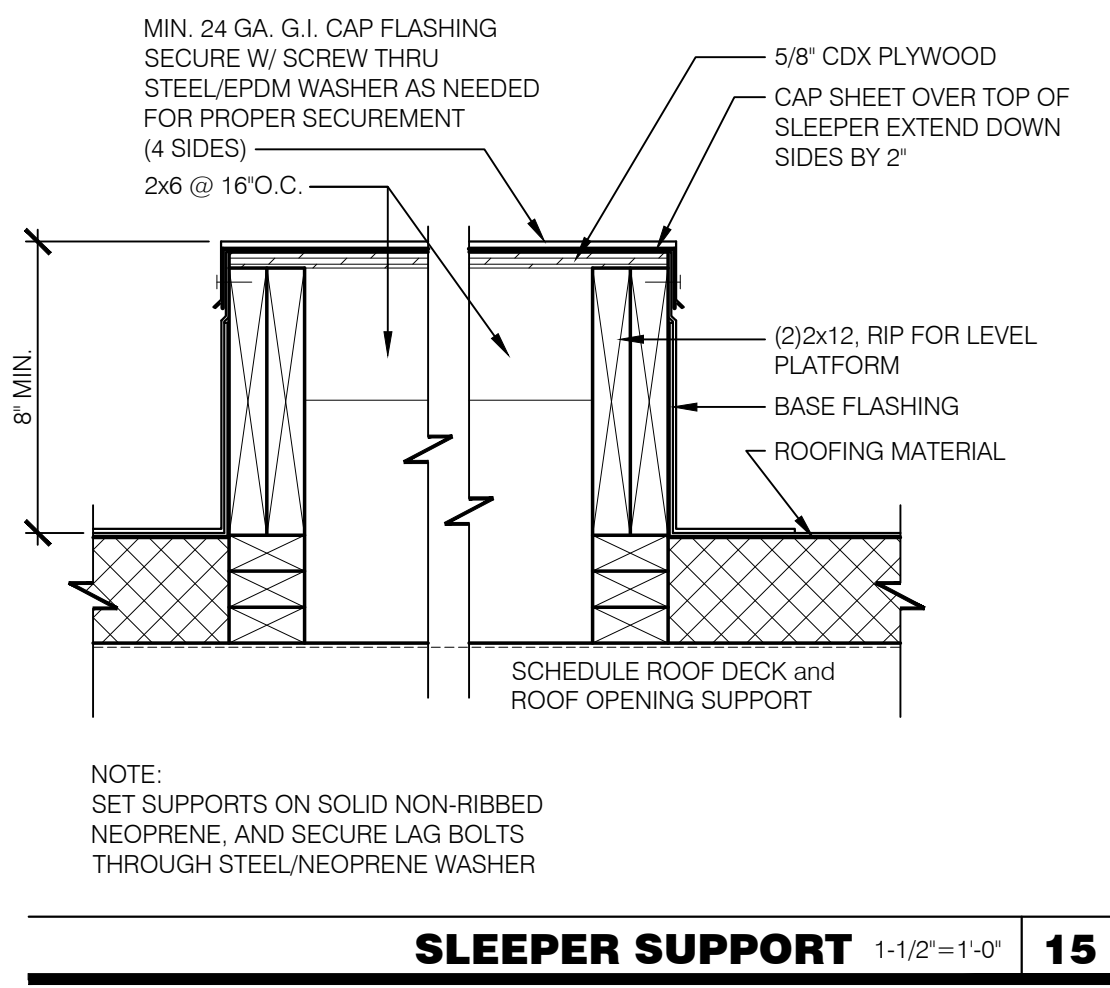
HATCH MATERIAL:
 GALVANIZED STEEL (PRIME PAINTED)
 COVER - 14 GA. GALV. STEEL
 FRAME COVER - 14 GA. GALV. STEEL
 FRAME CURB - 14 GA. GALV. STEEL
 COVER LINER - 22 GA. GALV. STEEL

HATCH FINISH:
 GALV. - PRIME PAINTED

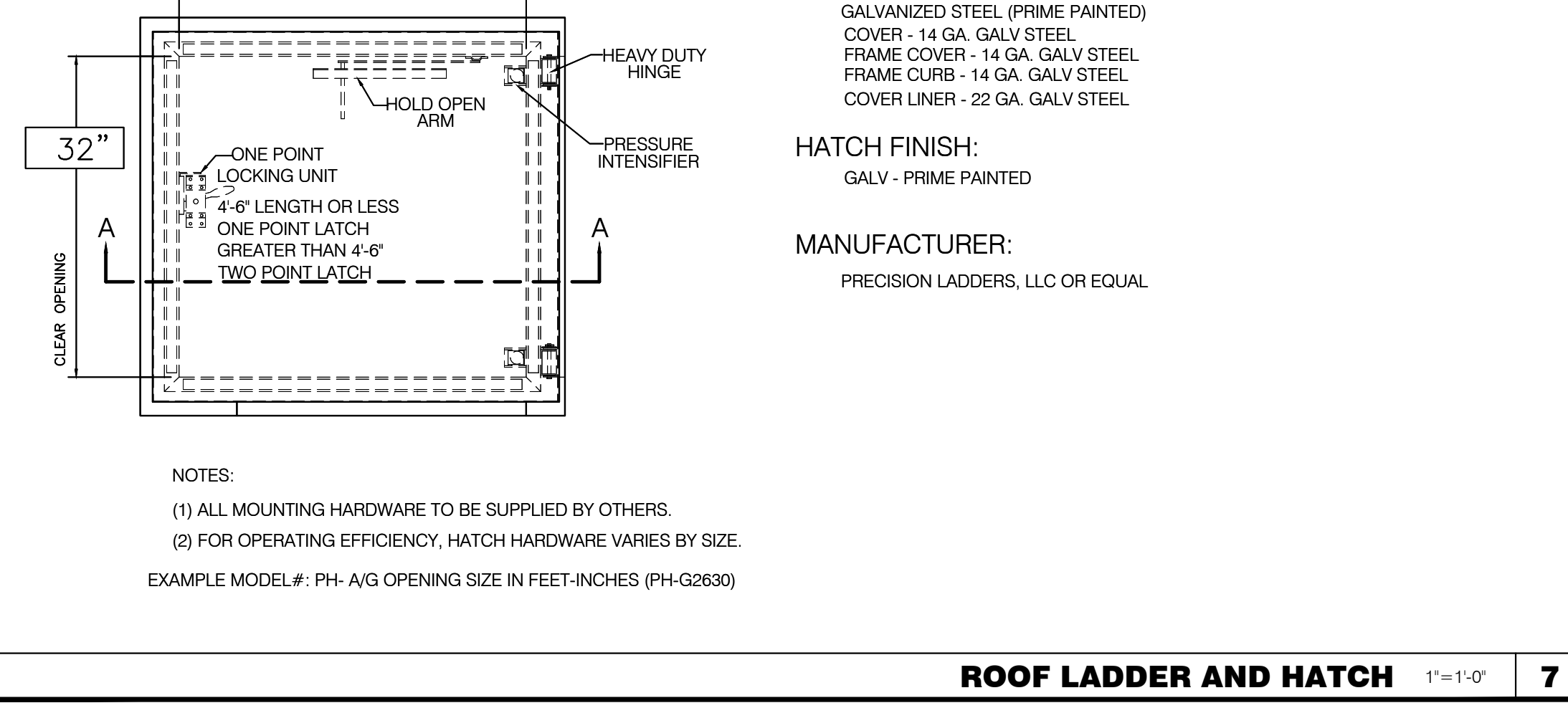
MANUFACTURER:
 PRECISION LADDERS, LLC OR EQUAL



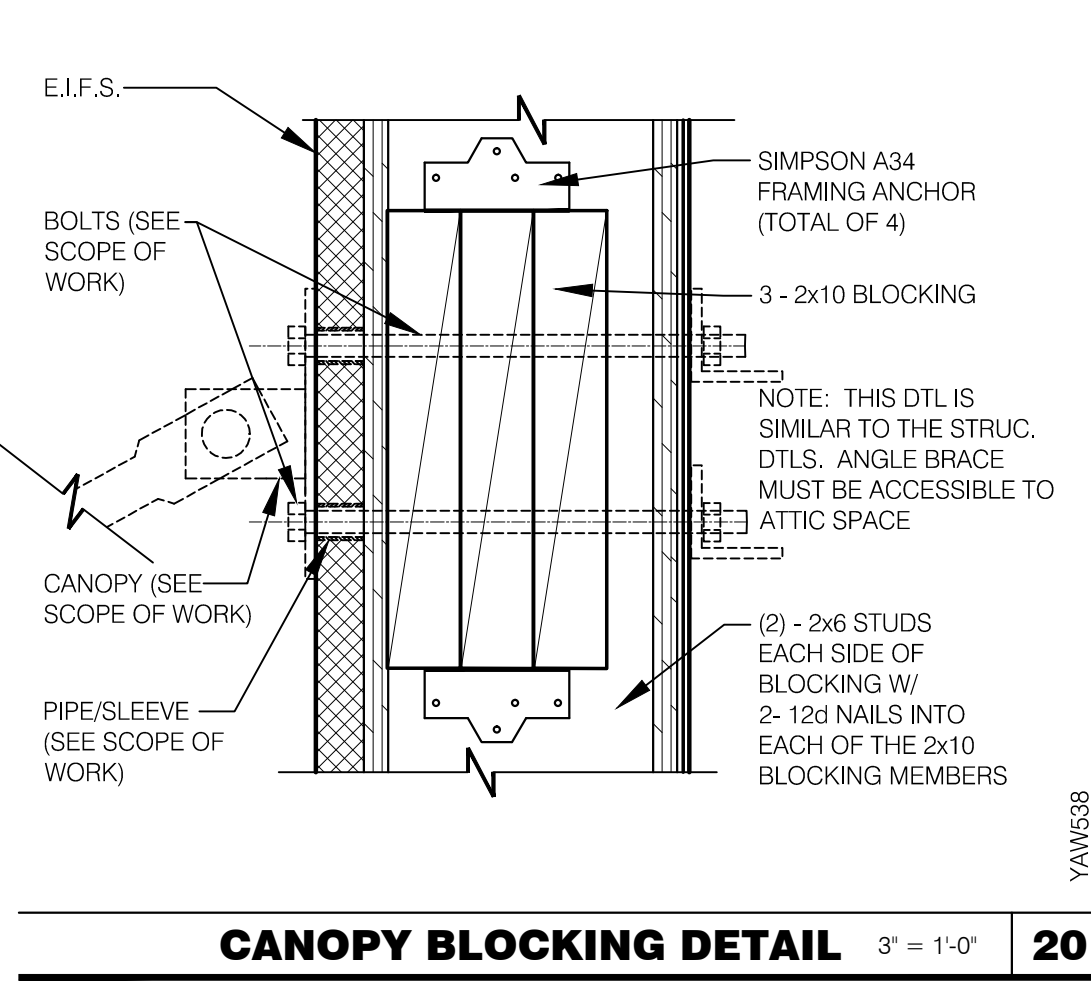
EXHAUST FAN CURB N.T.S. **19**



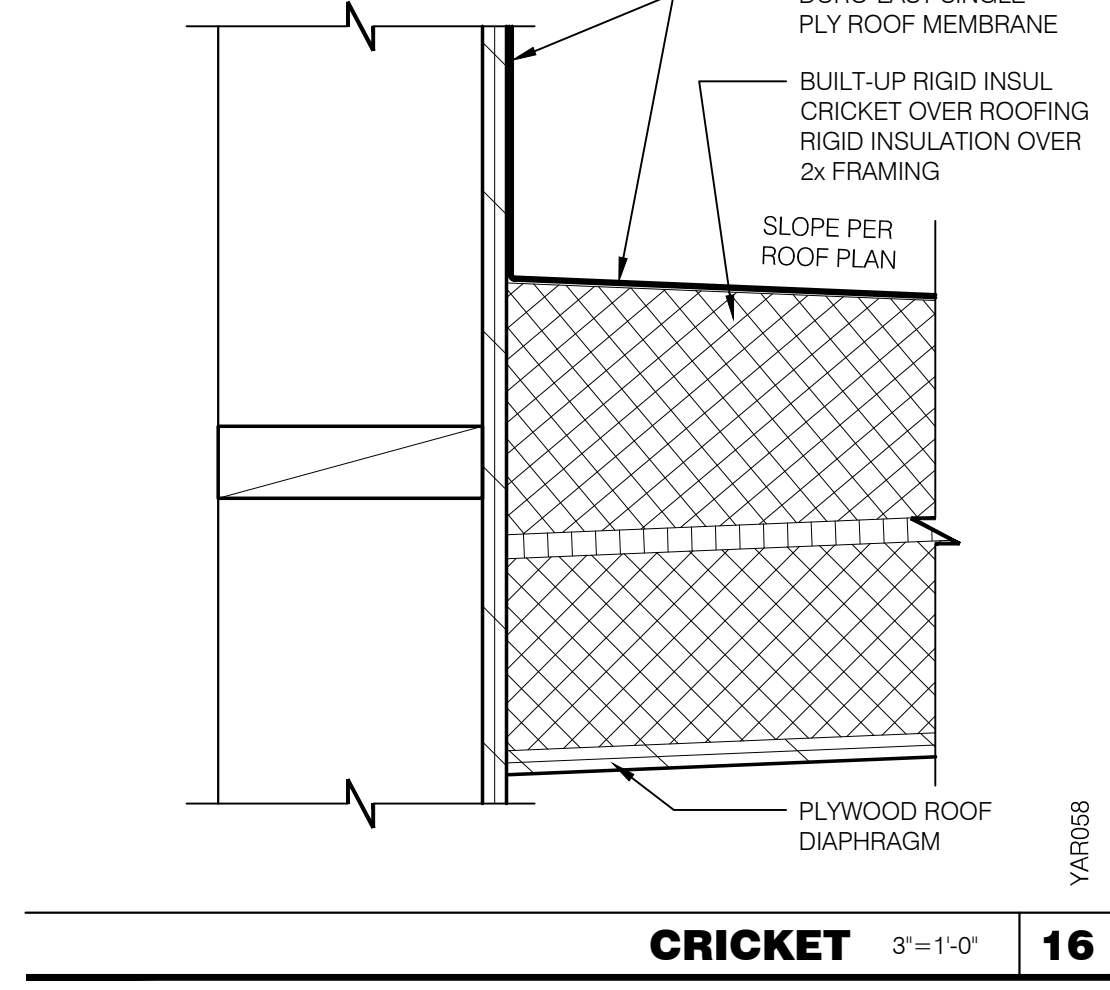
SLEEPER SUPPORT 1-1/2" = 1'-0" **15**



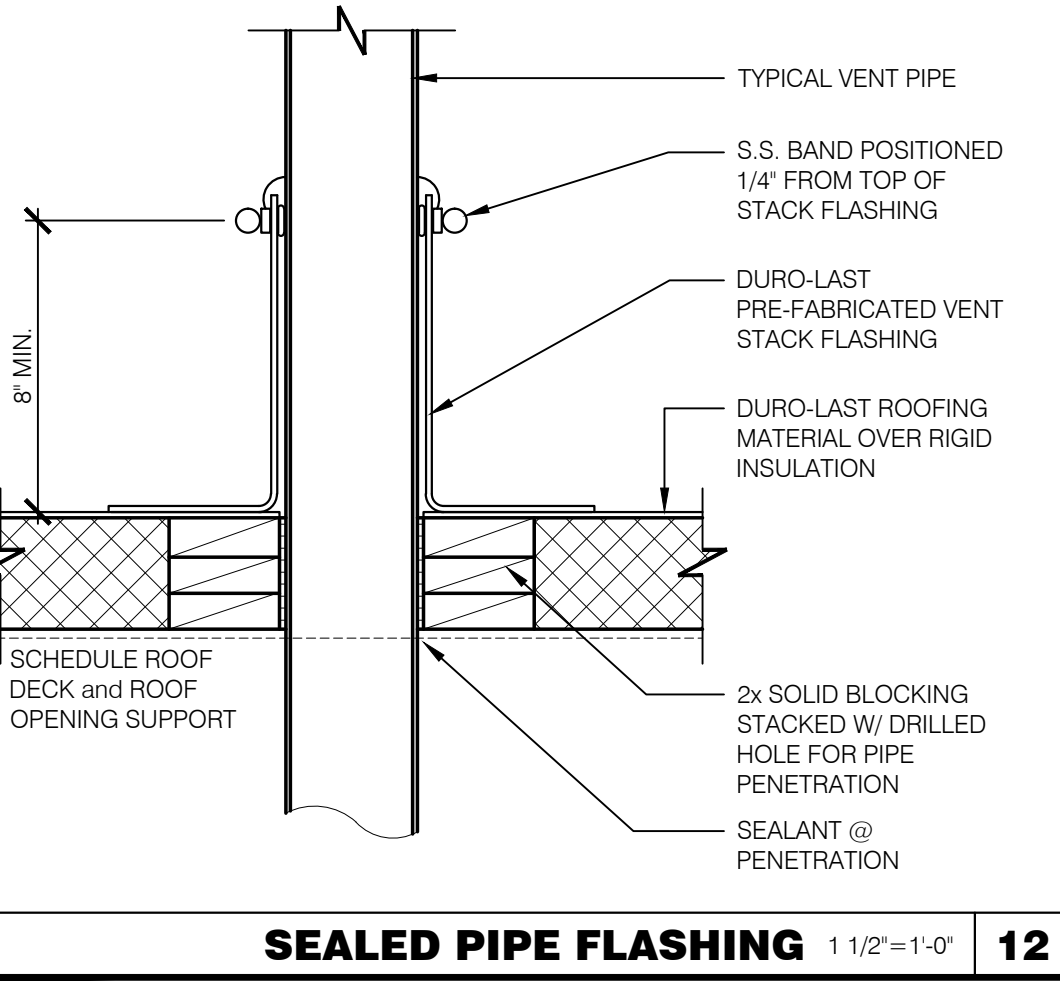
SEALED PIPE FLASHING 1 1/2" = 1'-0" **12**



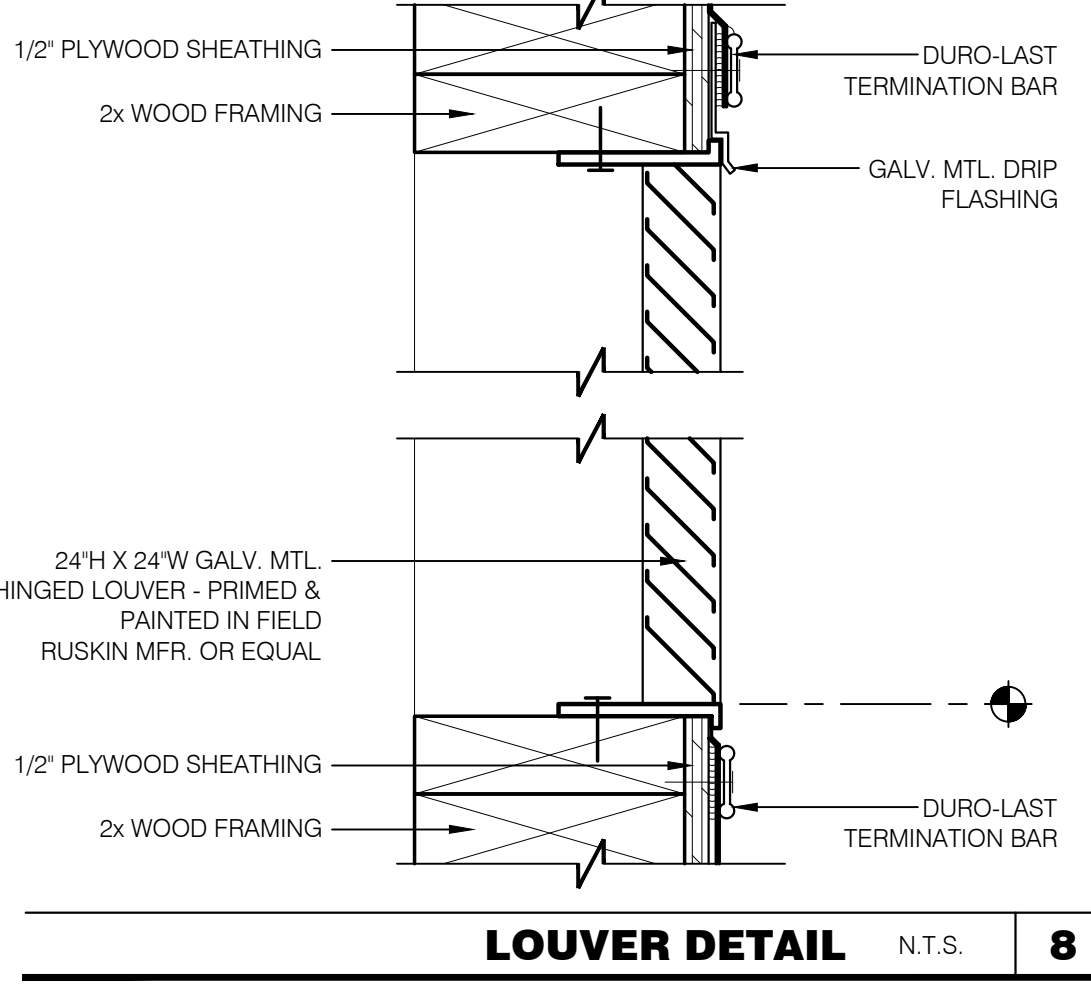
CANOPY BLOCKING DETAIL 3' = 1'-0" **20**



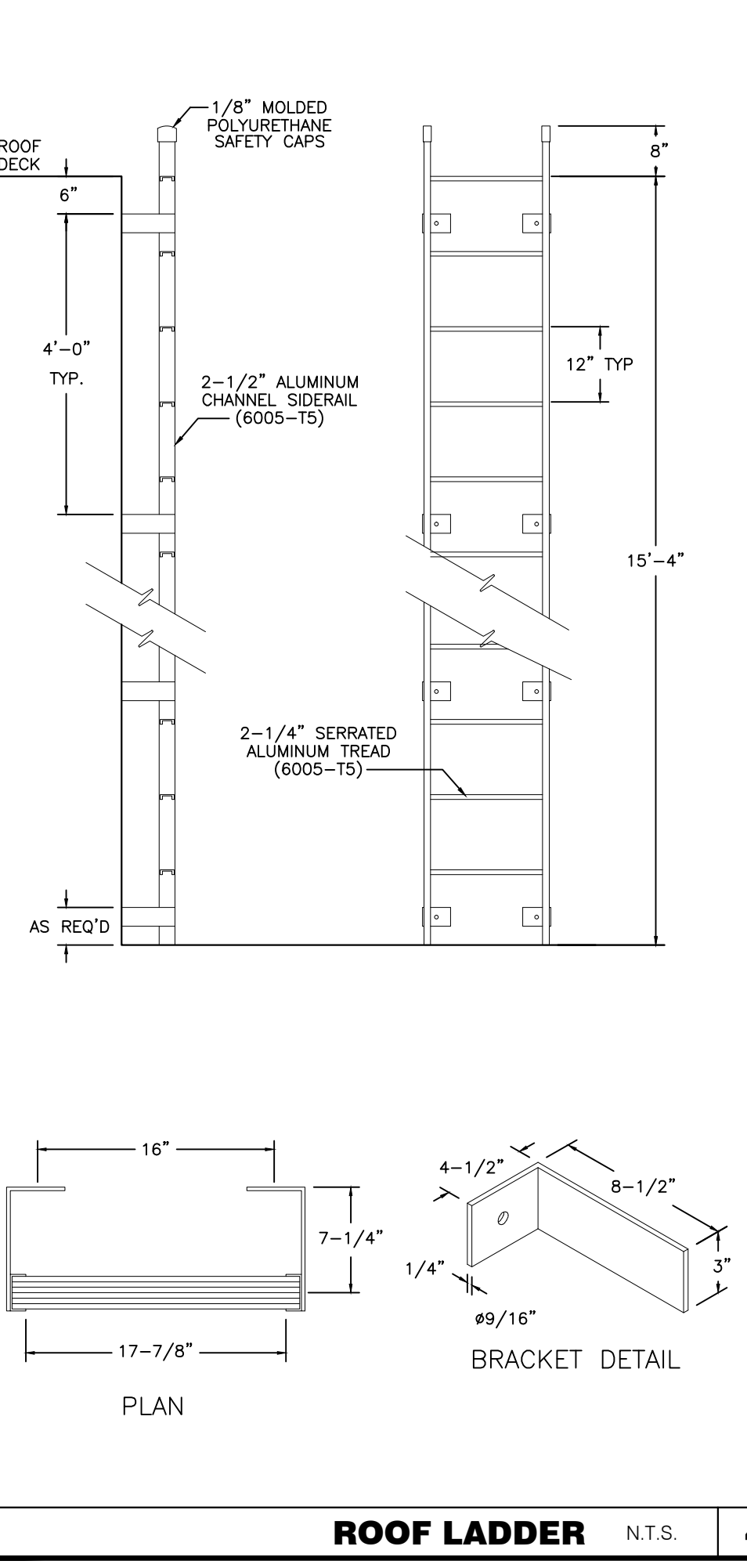
CRICKET 3' = 1'-0" **16**



SEALED PIPE FLASHING 1 1/2" = 1'-0" **12**

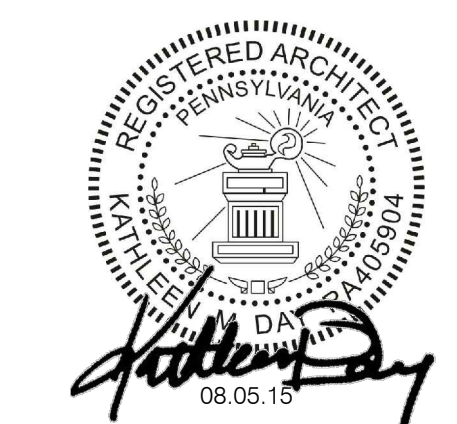


LOUVER DETAIL N.T.S. **8**



ROOF LADDER N.T.S. **4**

kathleen day, architect
 6535 ferry road
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 617.331.2545
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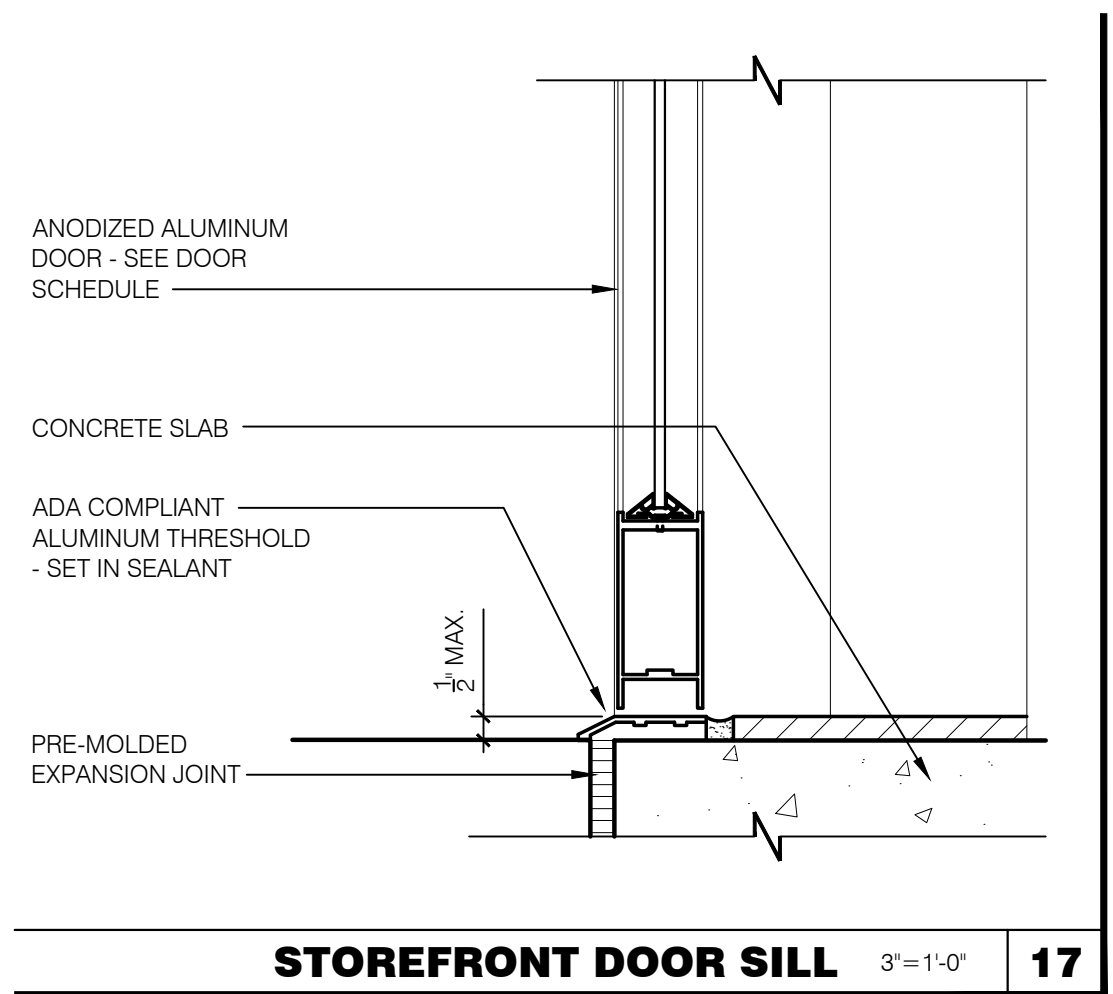
CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 -- REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA

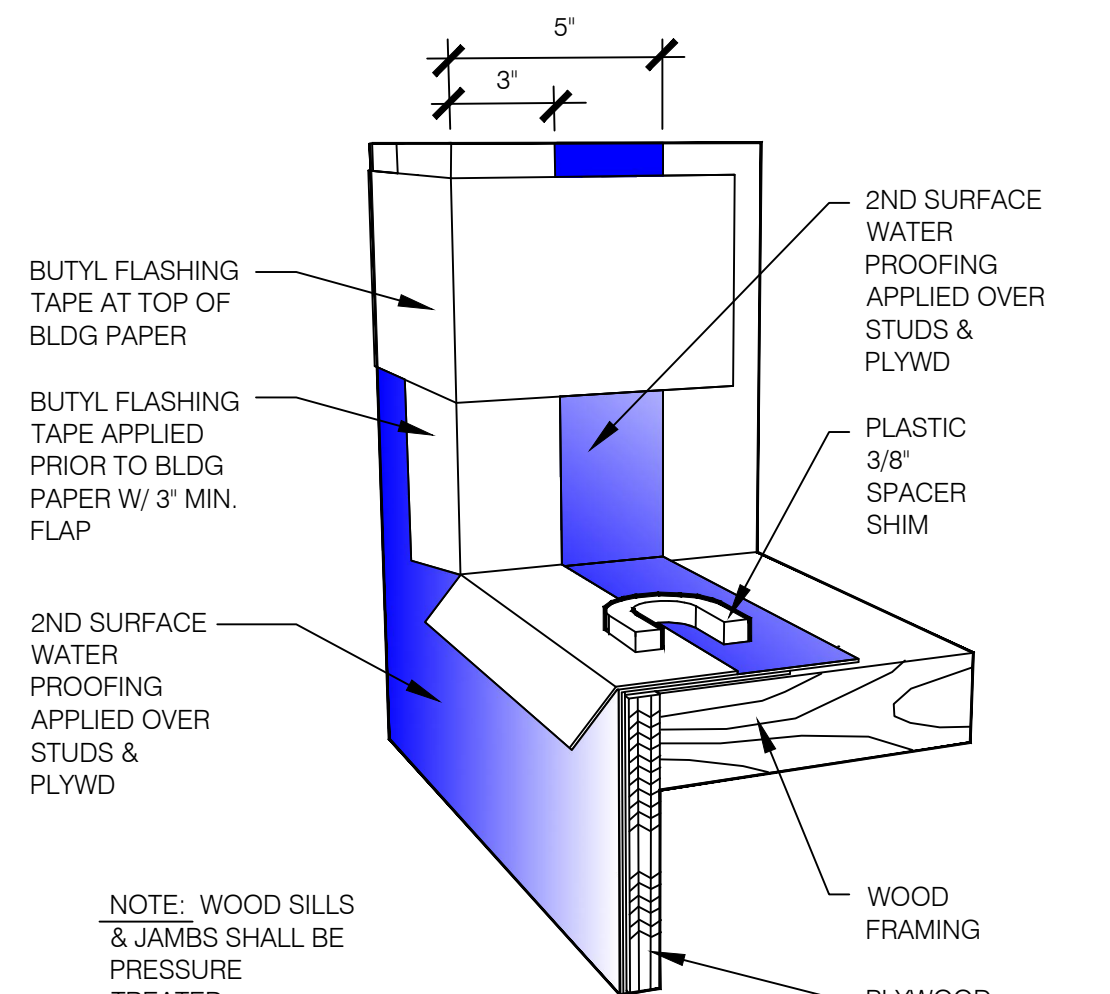


CONSTRUCTION DETAILS
ROOF
A6.0

PERMIT PLOT DATE:

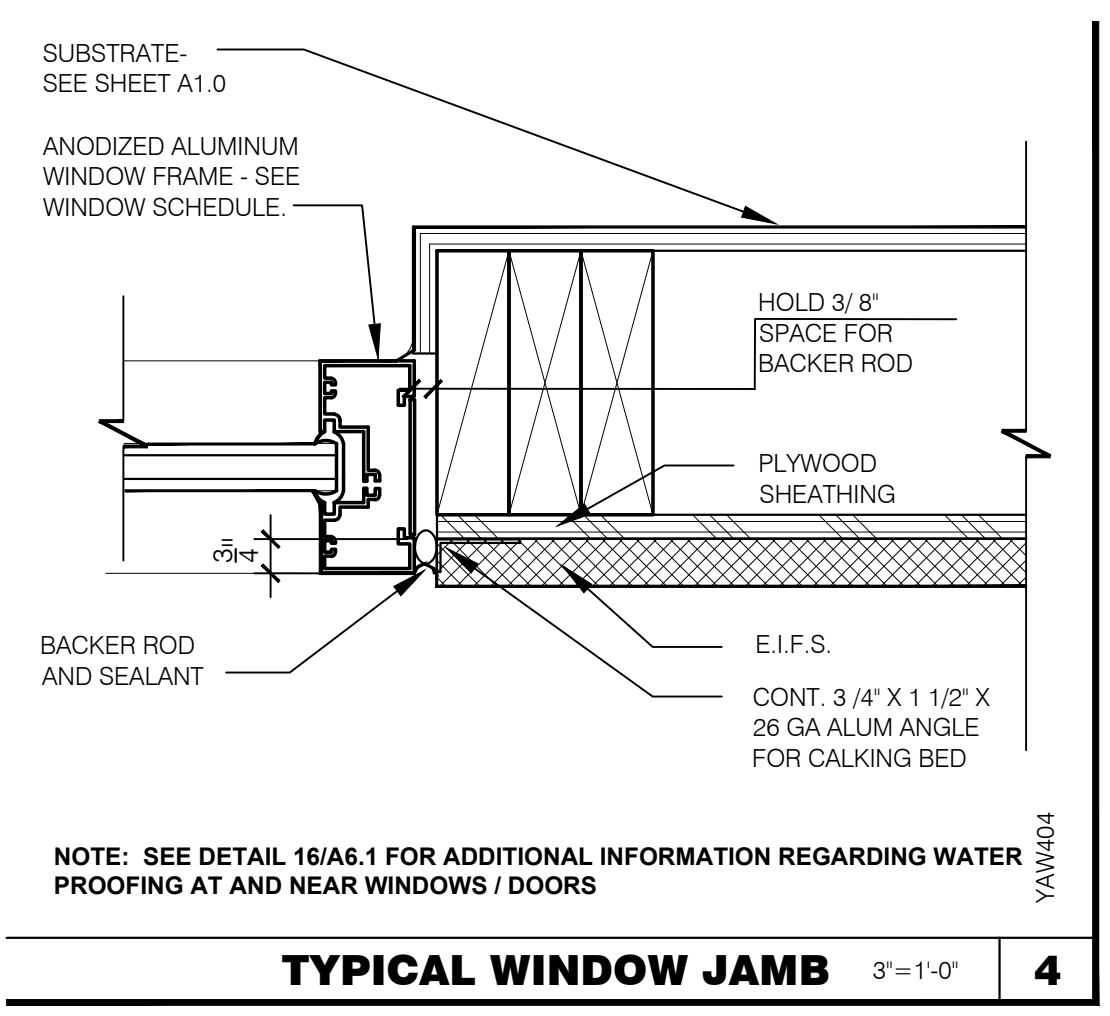
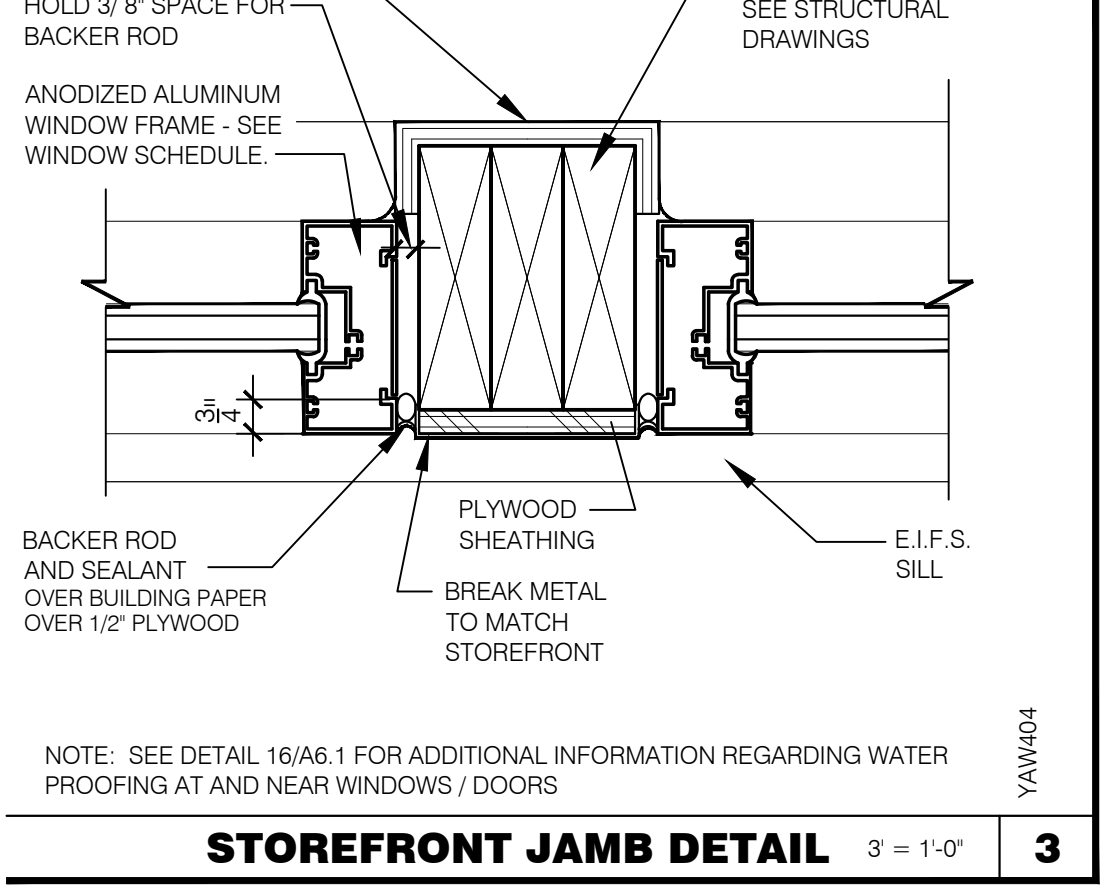
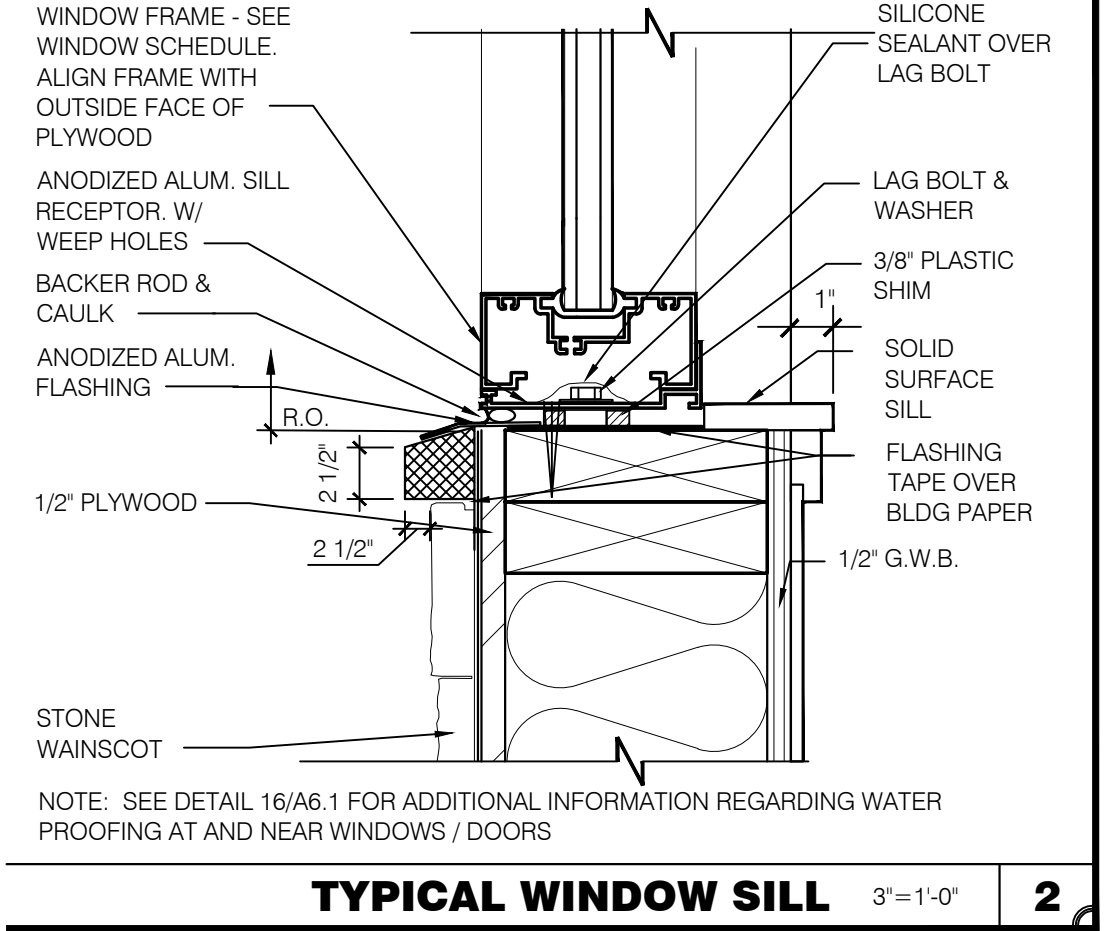
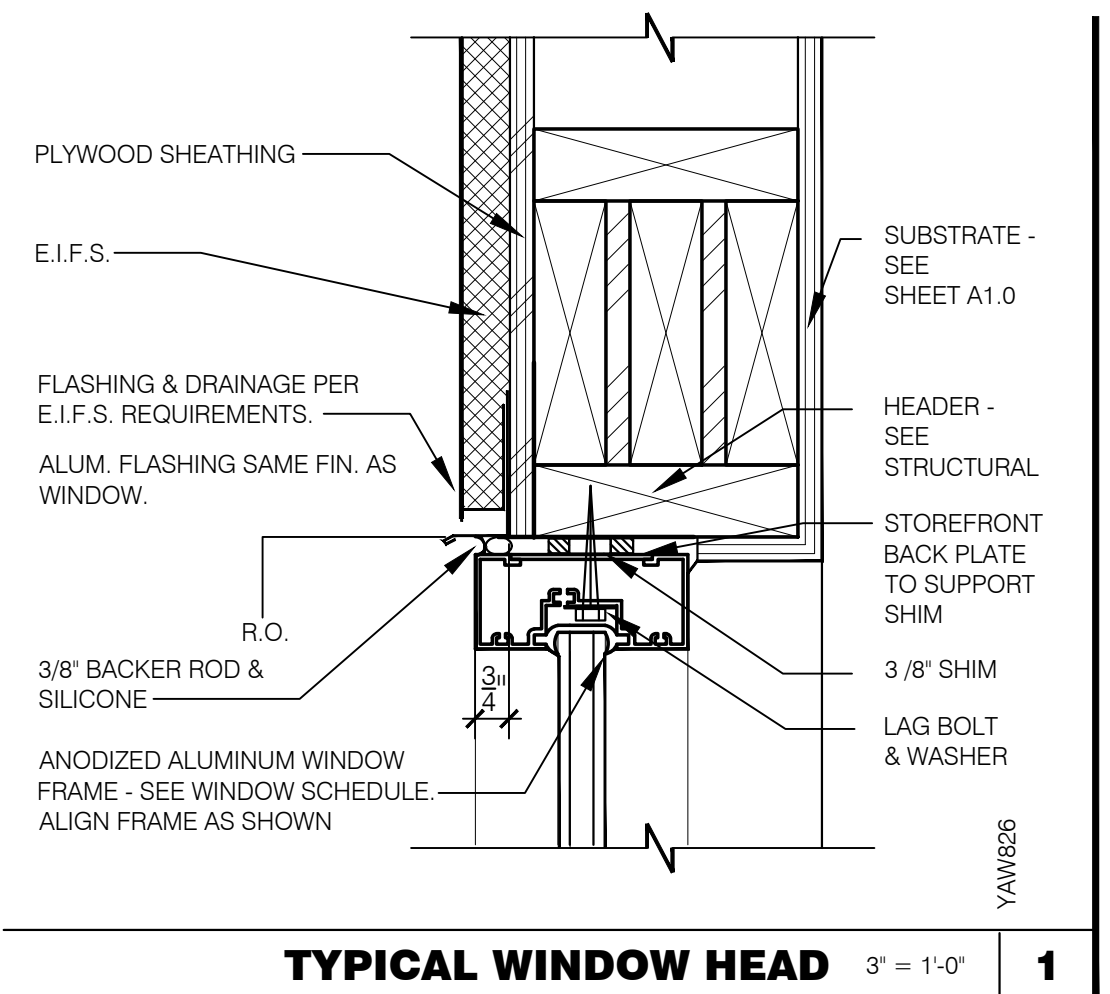
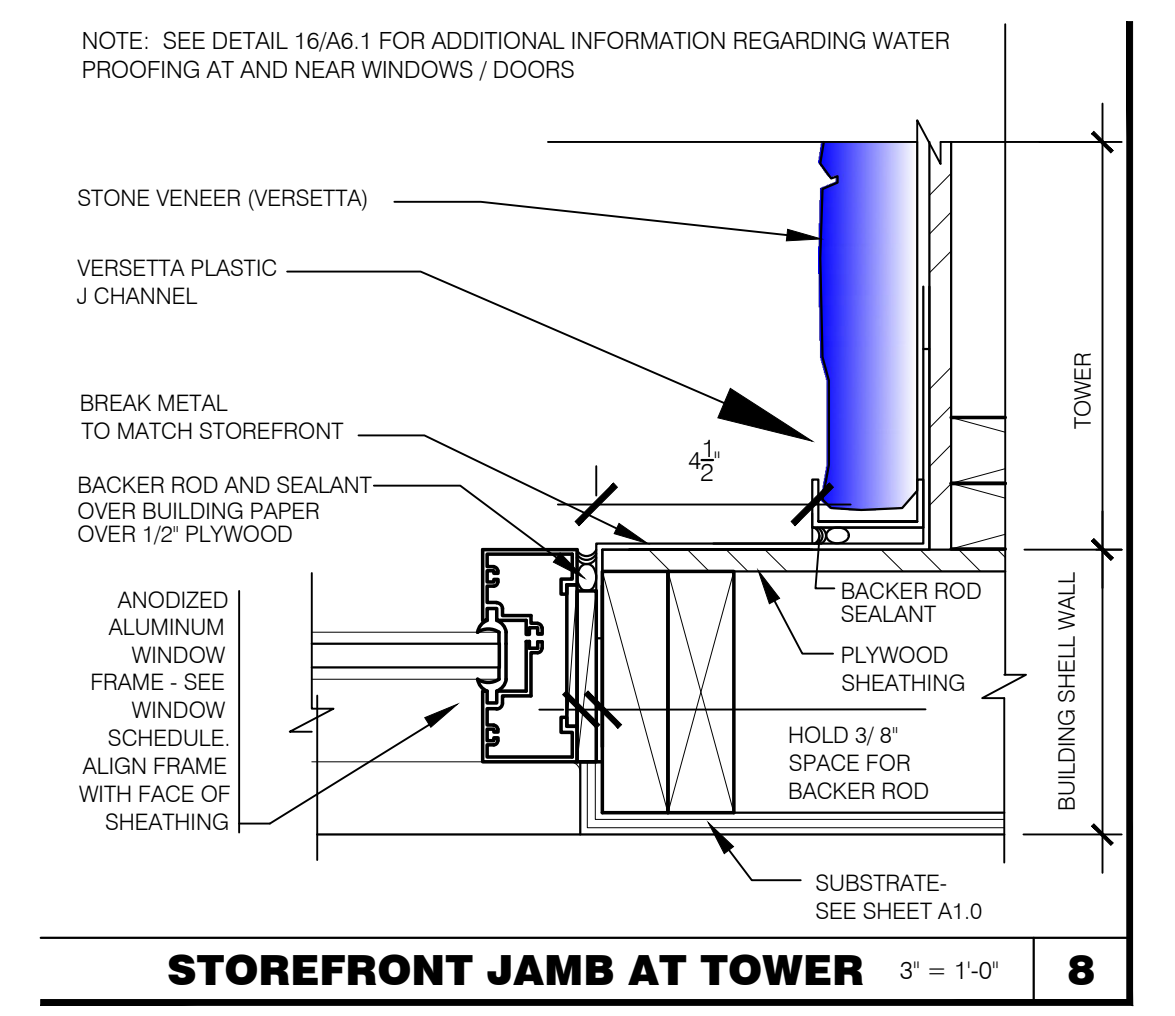
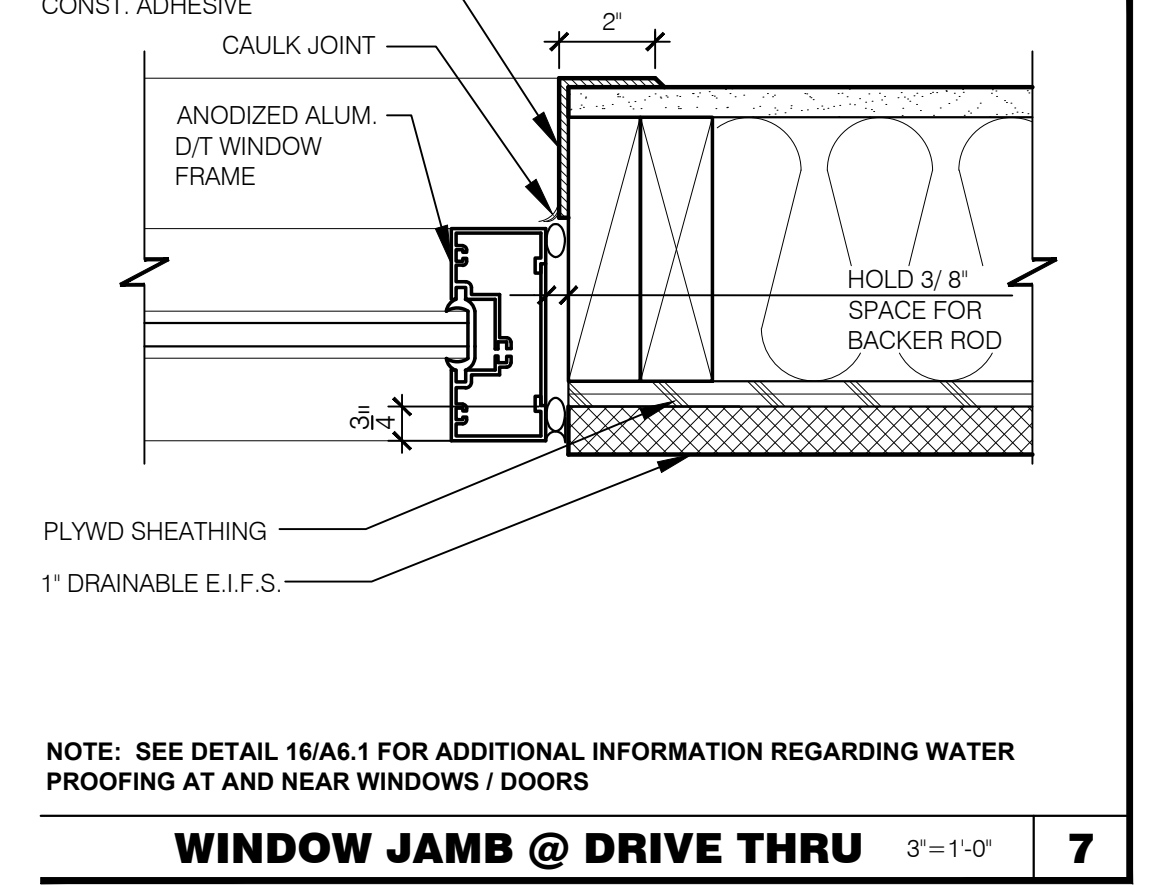
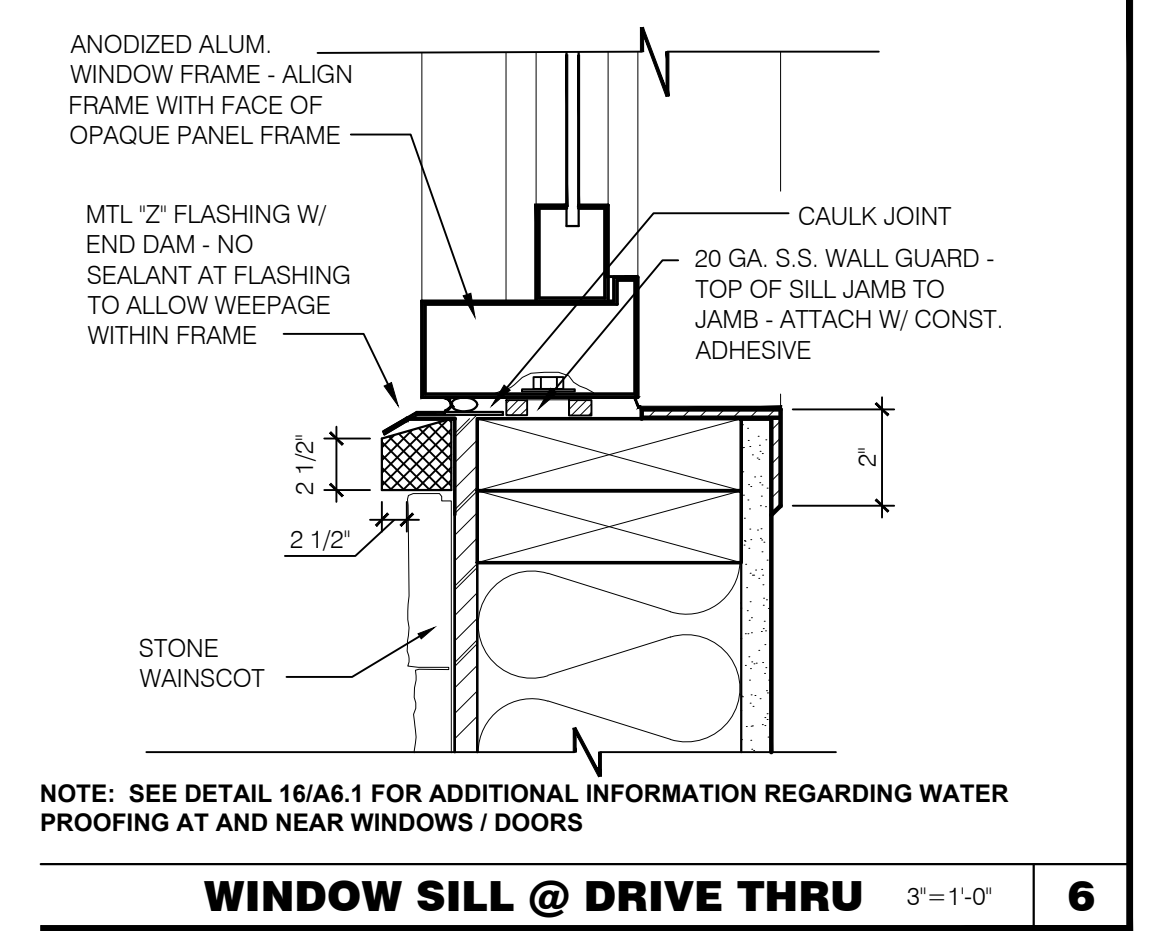
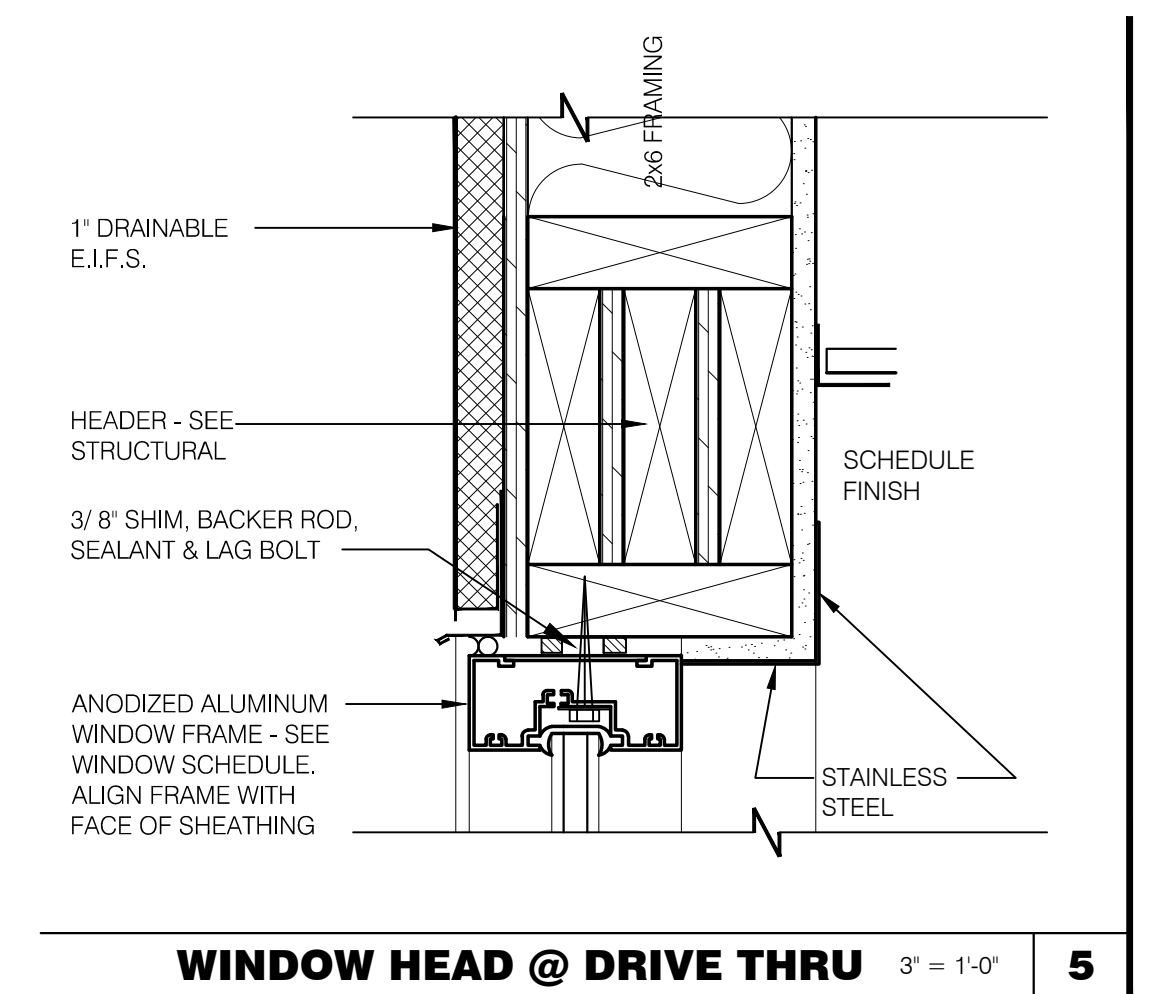
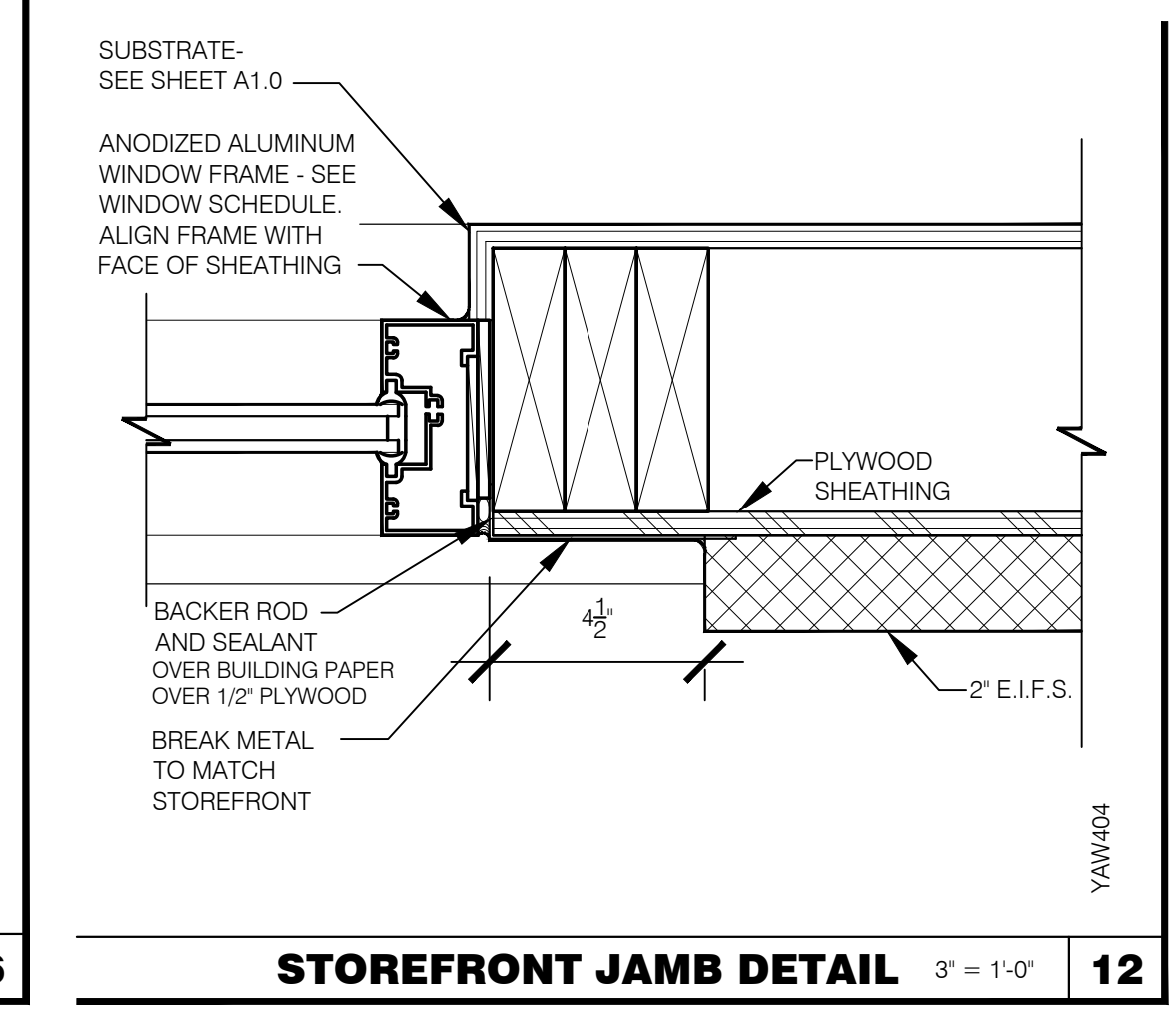
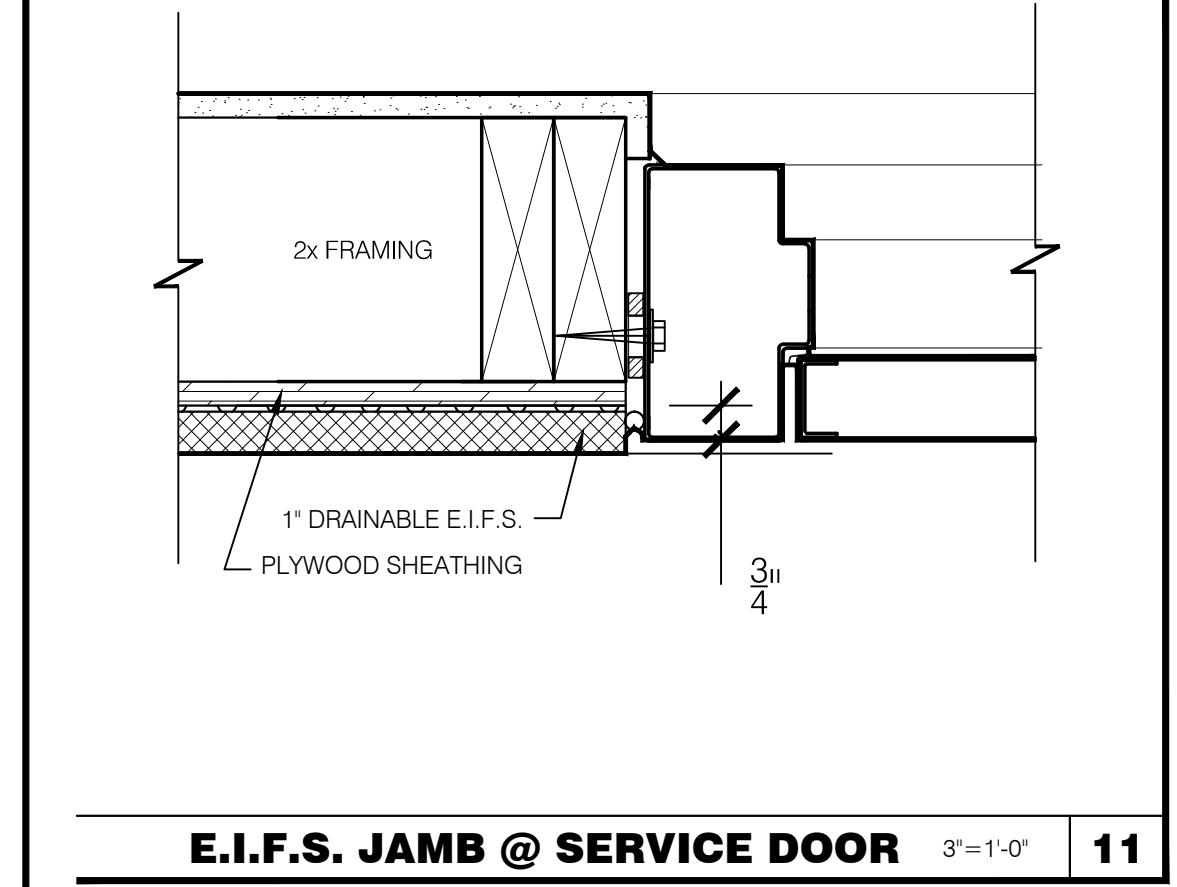
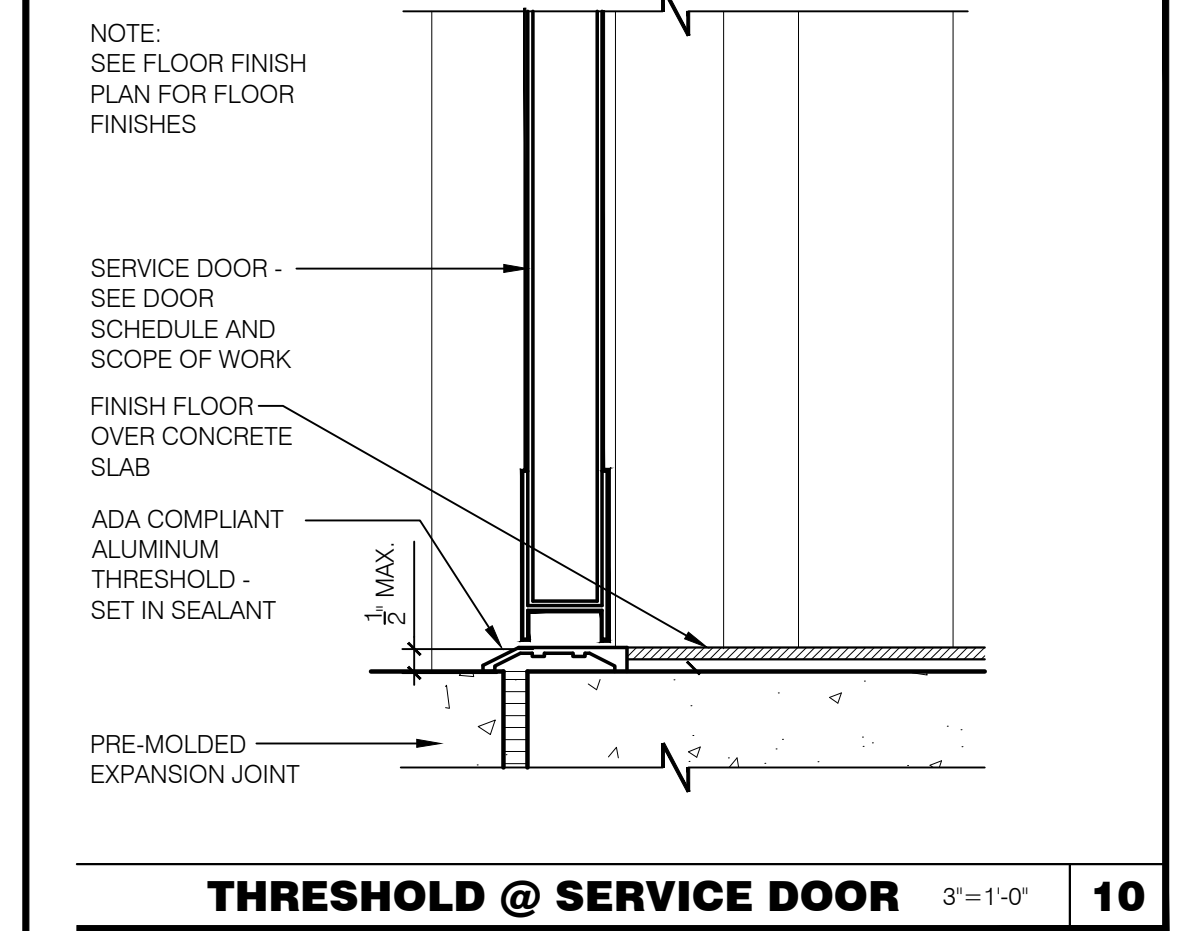
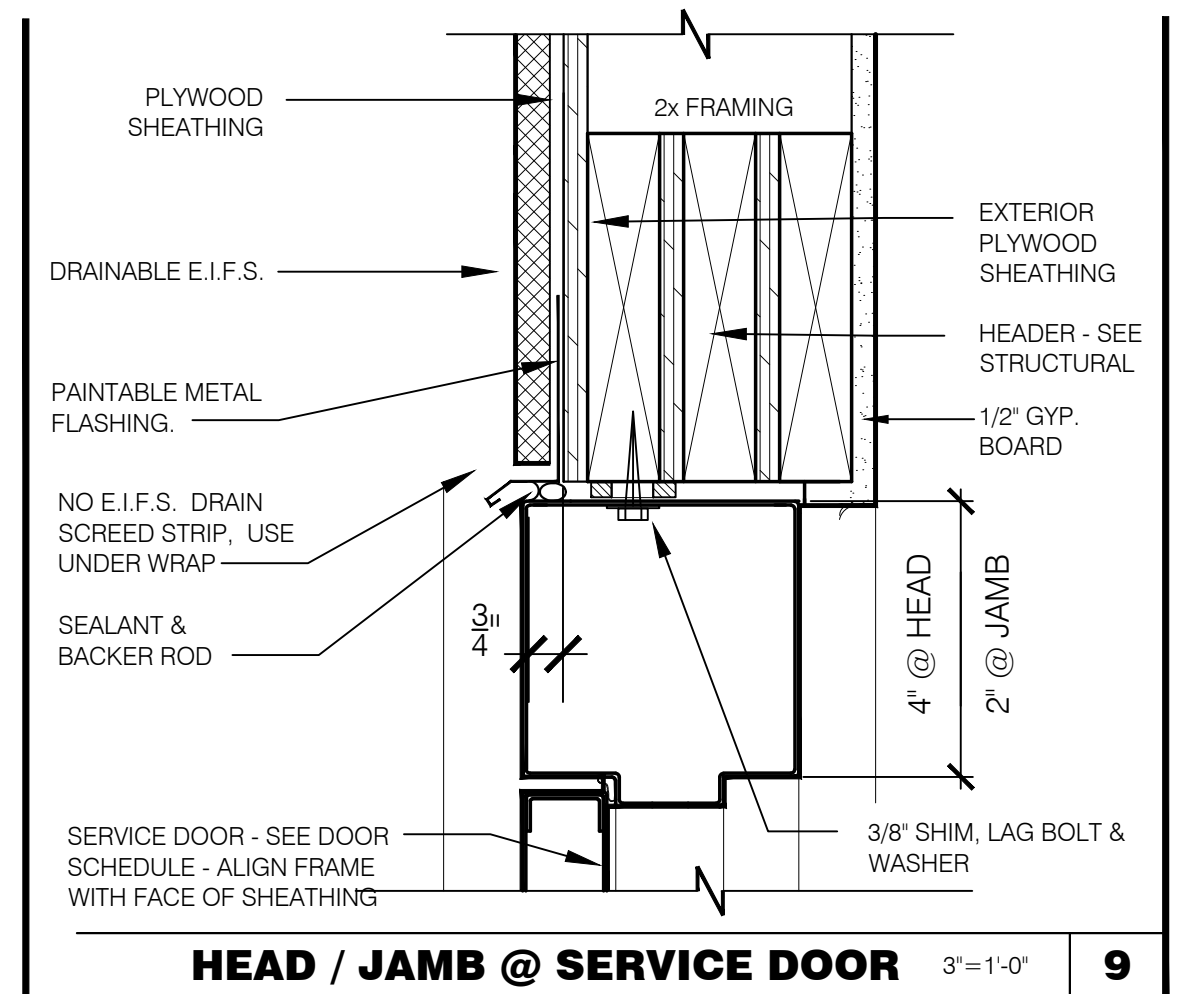
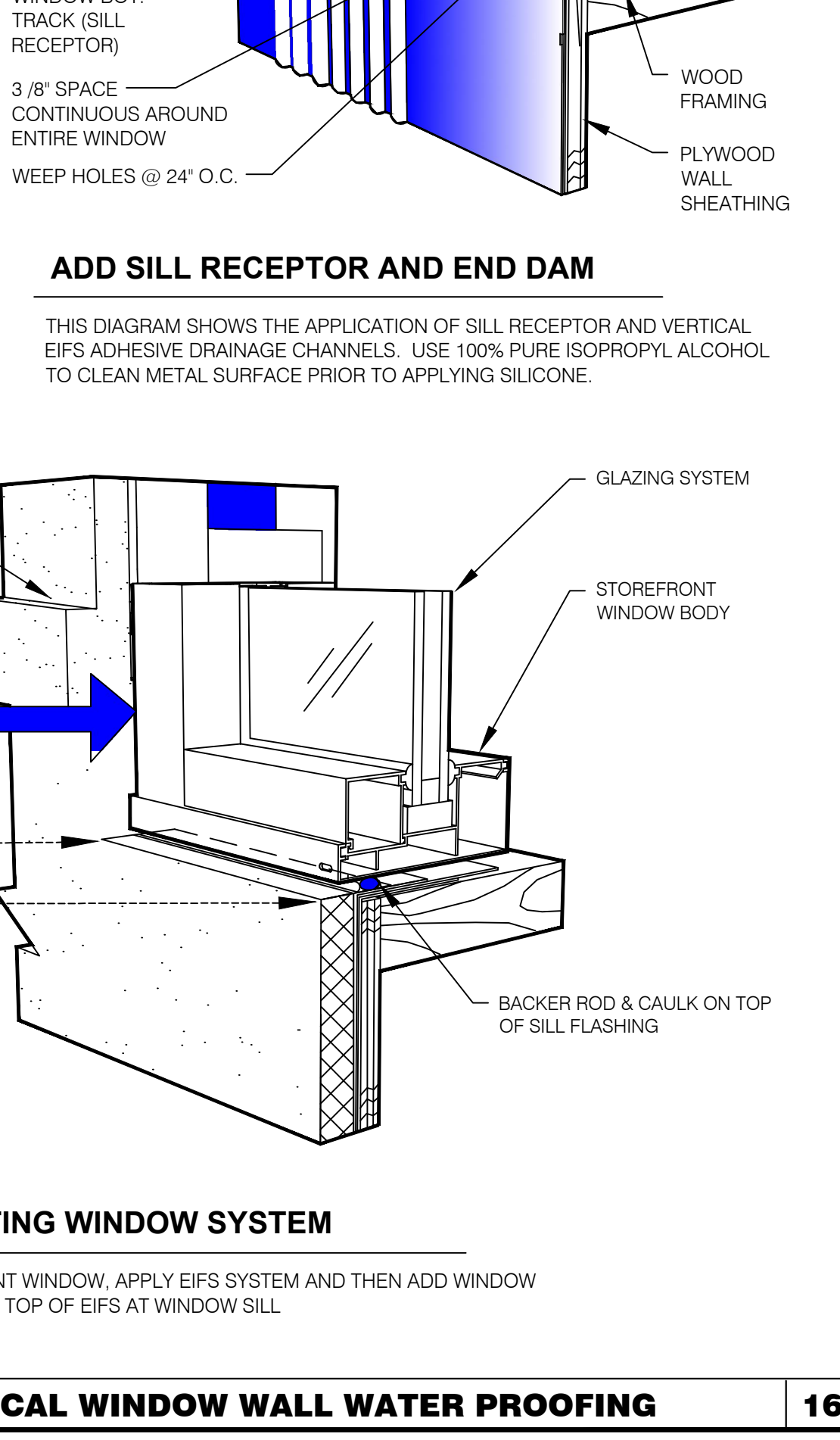
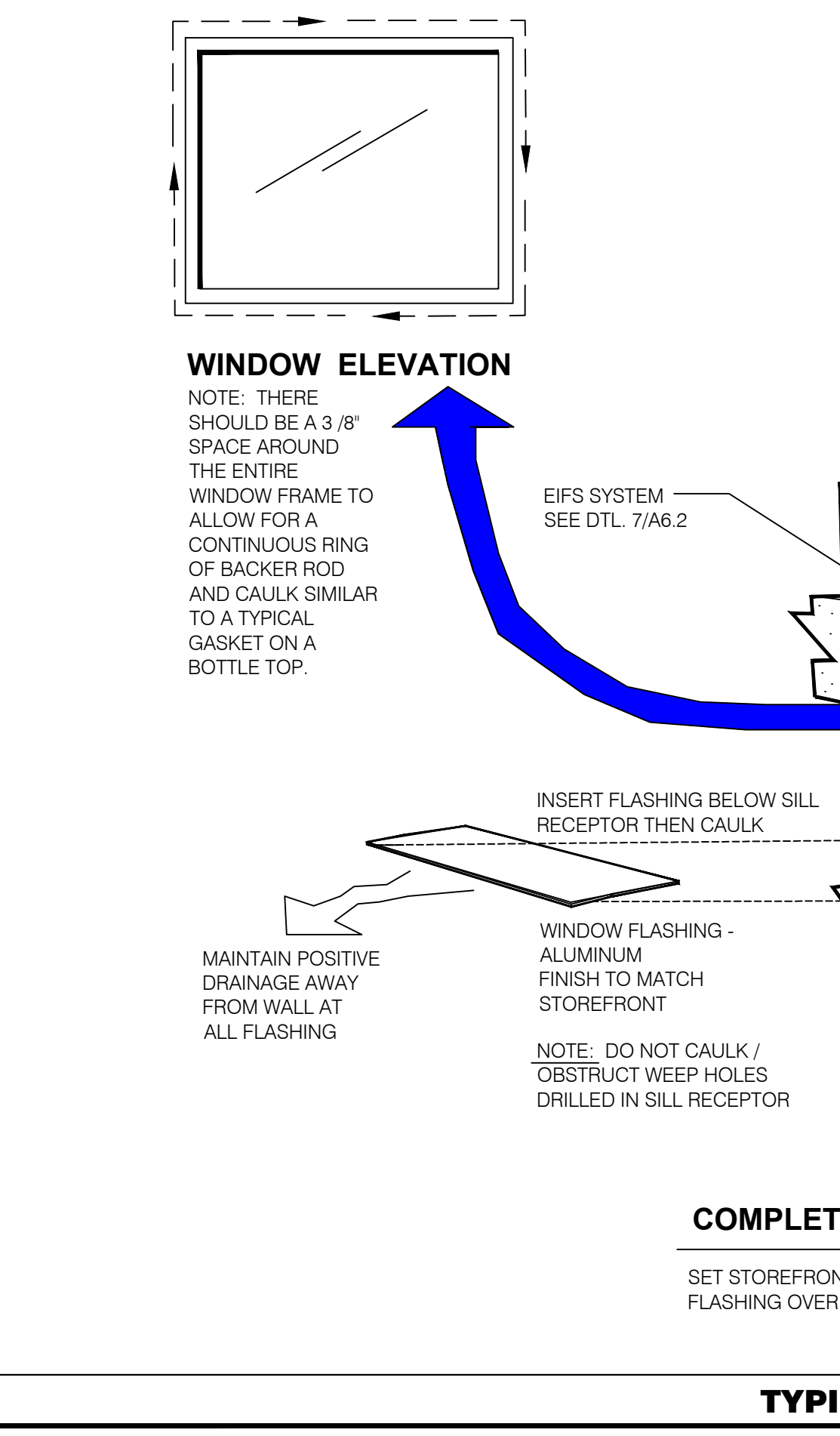
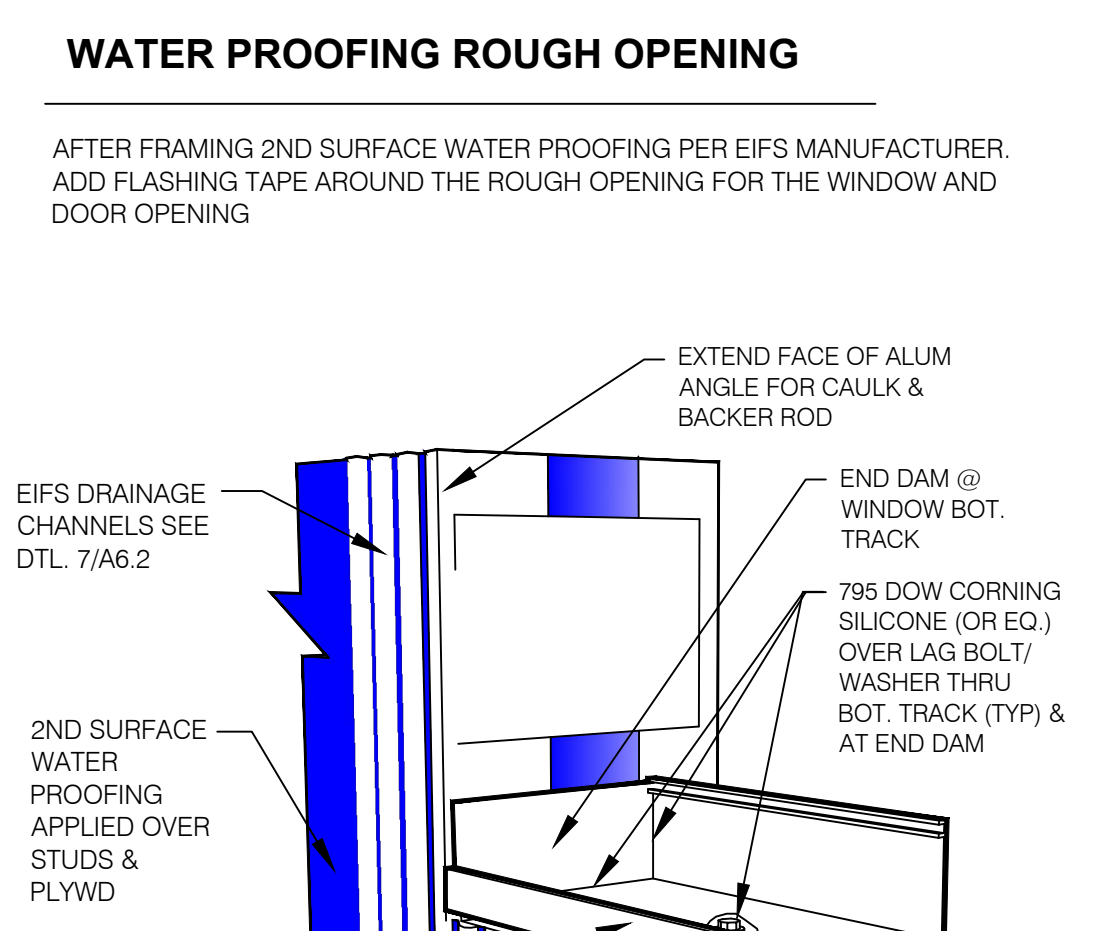
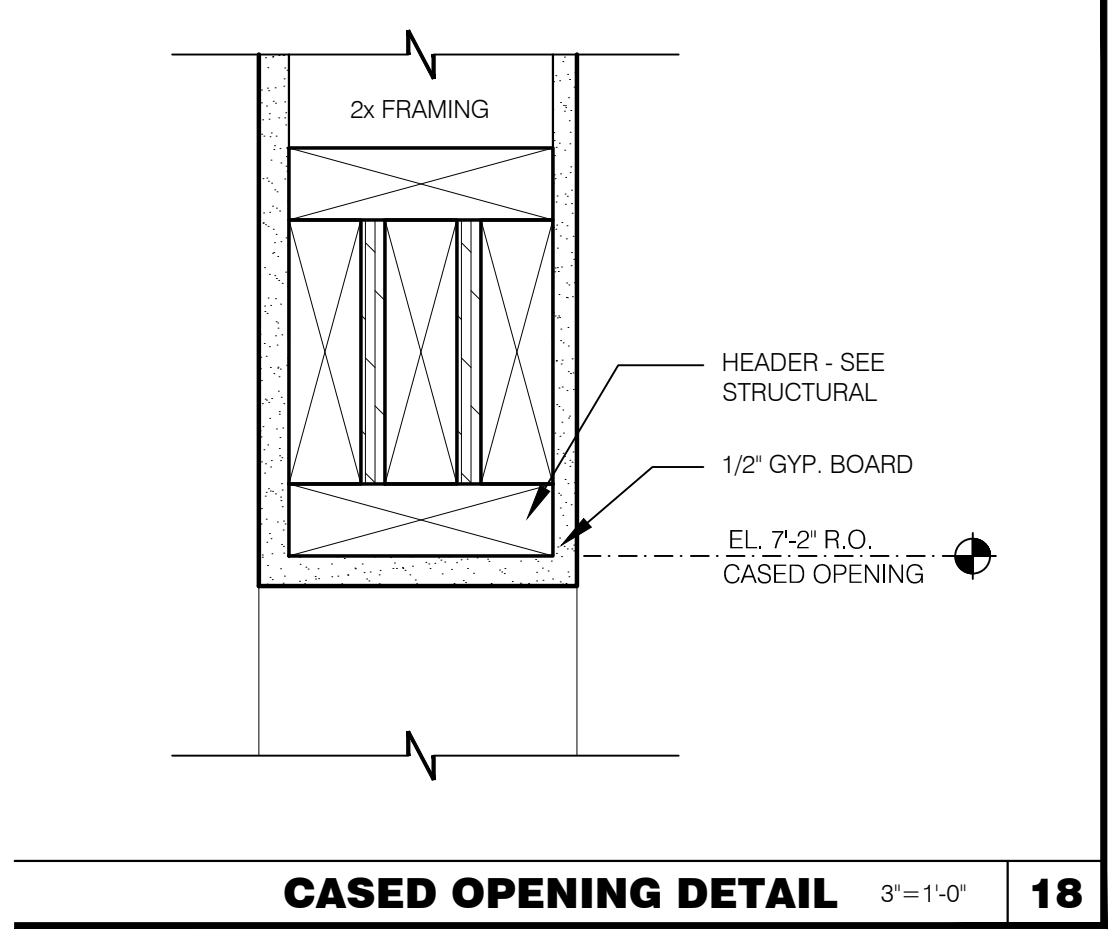


STOREFRONT DOOR SILL 3' = 1'-0" **17**



WATER PROOFING ROUGH OPENING

AFTER FRAMING 2ND SURFACE WATER PROOFING PER EIFS MANUFACTURER. ADD FLASHING TAPE AROUND THE ROUGH OPENING FOR THE WINDOW AND DOOR OPENING



kathleen day, architect
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kathleendayarchitect@gmail.com

REGISTERED ARCHITECT
PENNSYLVANIA
KATHLEEN DAY
08.05.15

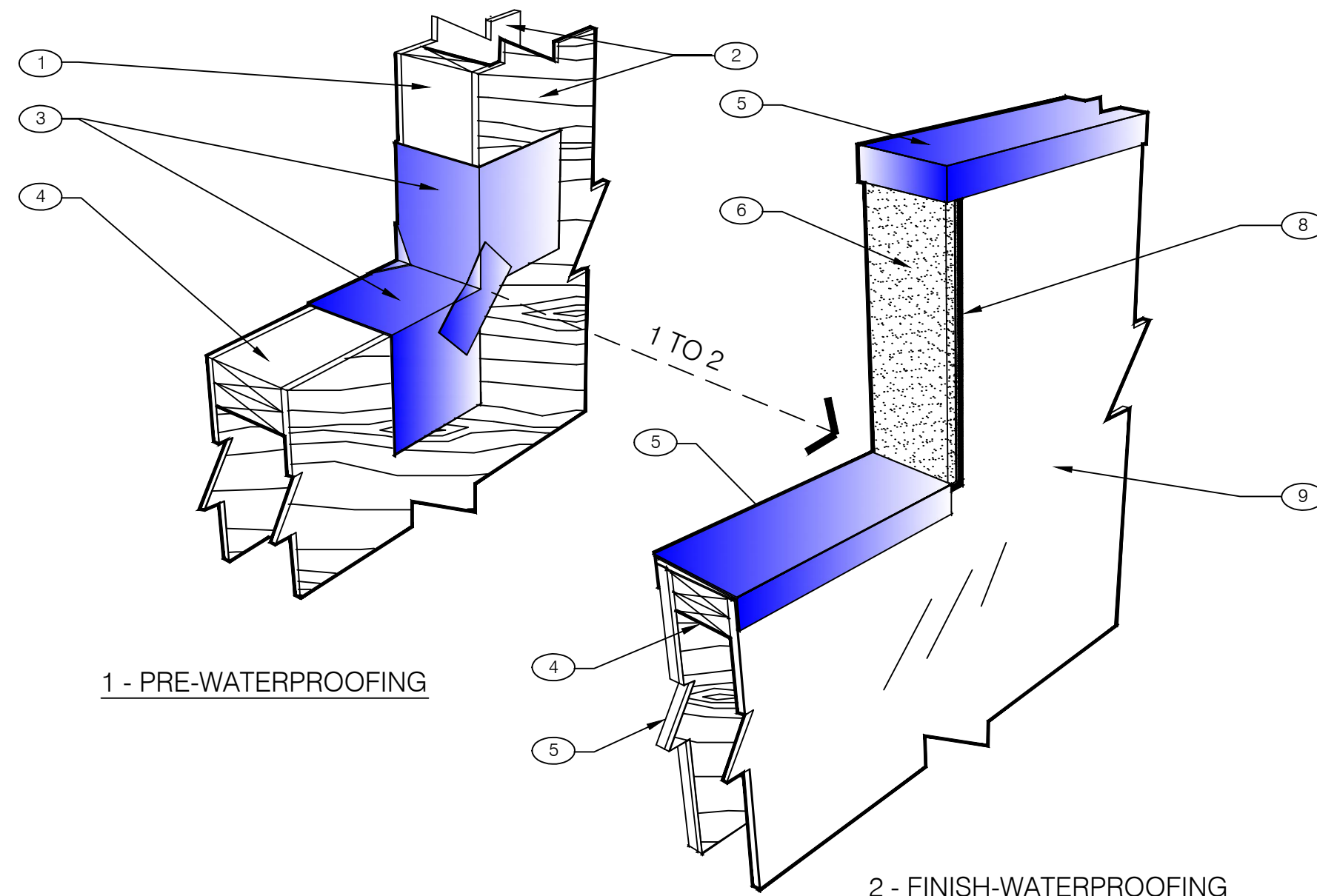
CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS - Large 50
PLAN VERSION: 06.08.15 - REV 0
SITE NUMBER:
STORE NUMBER:

TACO BELL
US Route 220
Township of Bedford, PA

LIVE MAS
LARGE50

CONSTRUCTION DETAILS
DOOR/WINDOW
A6.1

PERMIT PLOT DATE:

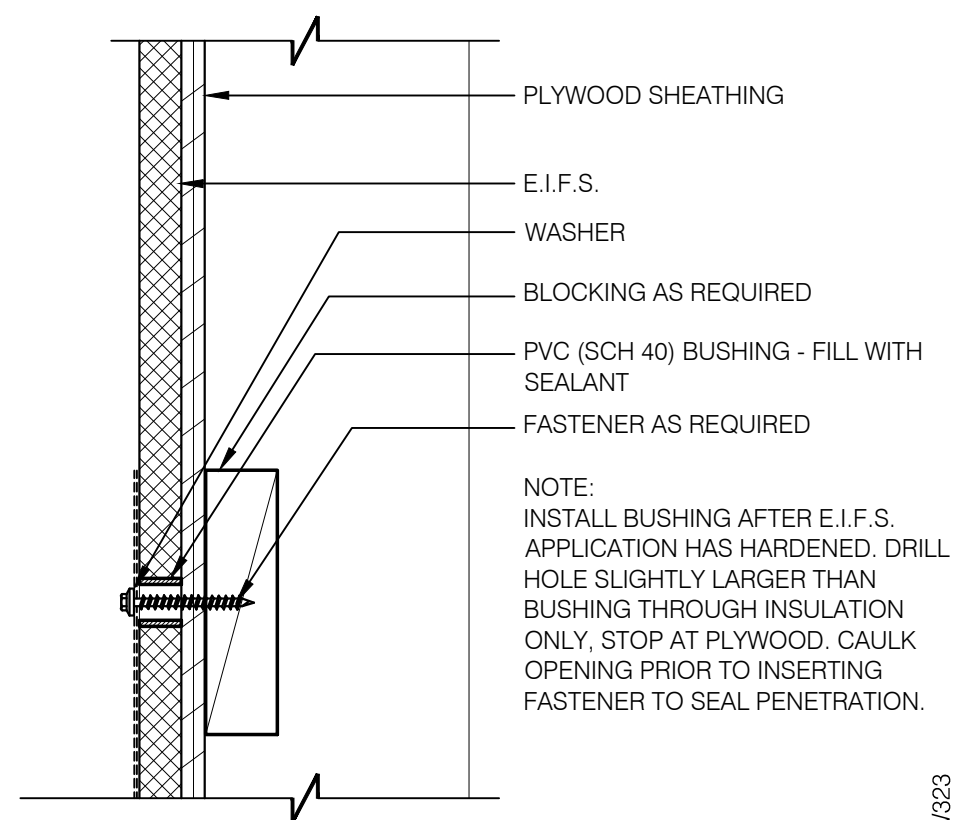


NOTES

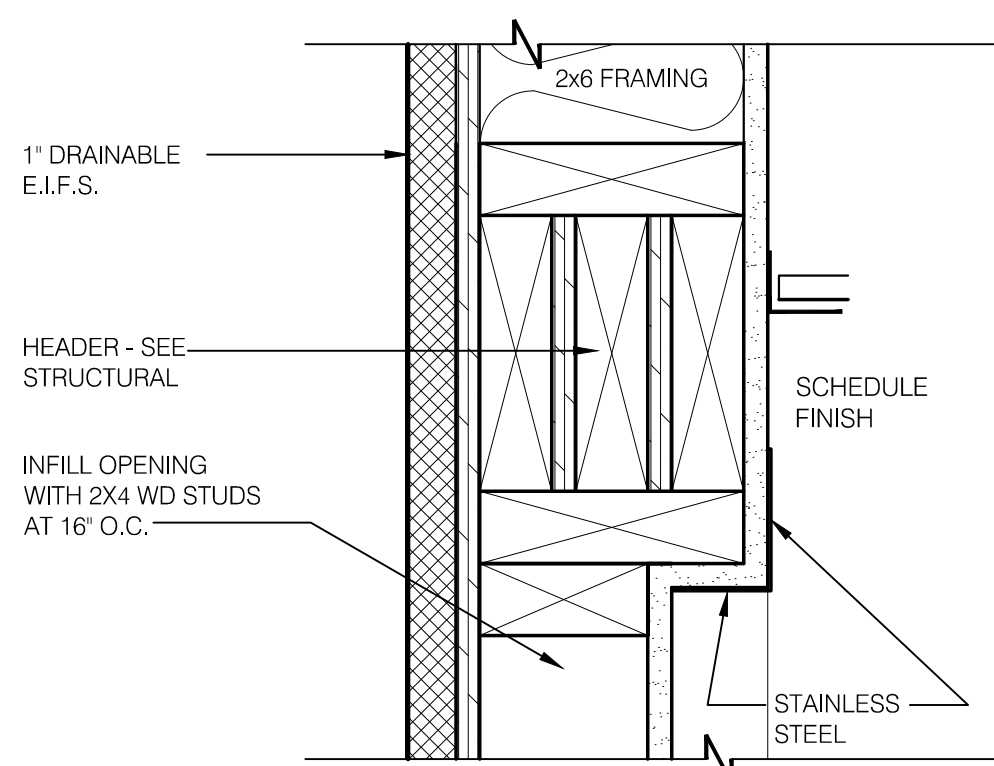
- 1 2X WOOD STUDS
- 2 PLYWOOD SUBSTRATE FOR EXTERIOR WALLS
- 3 FLASHING TAPE AT ALL VERTICAL PARAPET TRANSITIONS. EXTEND TAPE 12" OUTWARD AND UPWARD FROM CORNER AS SHOWN. LAP CORNERS WITH ANGLED TAPE AS SHOWN TO INSURE FULL COVERAGE AT CORNERS
- 4 DOUBLE 2X TOP PLATE.
- 5 PAINTED 24 GAUGE PARAPET COPING. SLOPE 1/4:1 TOWARDS ROOF WITH FIBER CANT STRIPS UNDER COPING. LAP FRONT AND BACK EDGE 2" DOWN VERTICAL FACE. LAP EXPOSED COPING EDGE EXPOSED ENDS AT VERTICAL PARAPET TRANSITION.
- 6 WRAP 1" THICK EIFS ONTO VERTICAL FACE OF PARAPET TRANSITION
- 7 EIFS FINISH ON OUTER SURFACE OF EXTERIOR WALL. THICKNESS PER THE EXTERIOR ELEVATIONS ON SHEET A4.0
- 8 TERMINATION BAR AT VERTICAL TRANSITION OF EIFS AND MEMBRANE ROOFING. SEAL VERTICAL GAP BETWEEN TERMINATION BAR AND EIFS PER ROOFING MANUFACTURER SPECIFICATIONS.
- 9 PVC ROOFING MEMBRANE ON BACKSIDE OF PARAPET.

IMPORTANT: ONLY FASTEN PARAPET COPING ALONG THE FRONT AND BACK VERTICAL EDGE. NEVER ON TOP OF COPING.

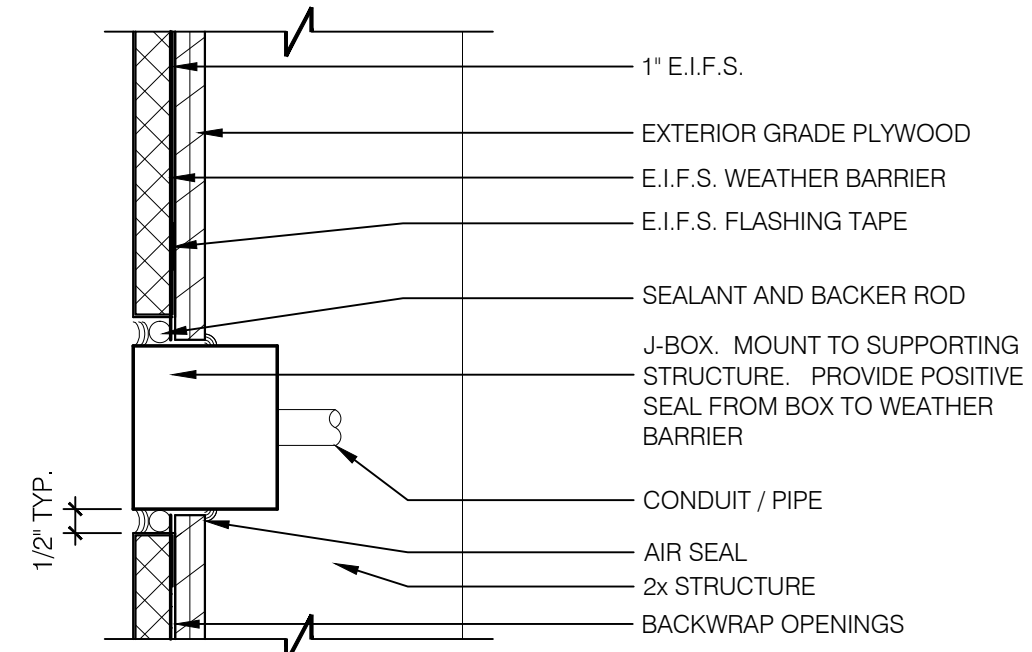
PARAPET CAP & TRANSITION N.T.S. **14**



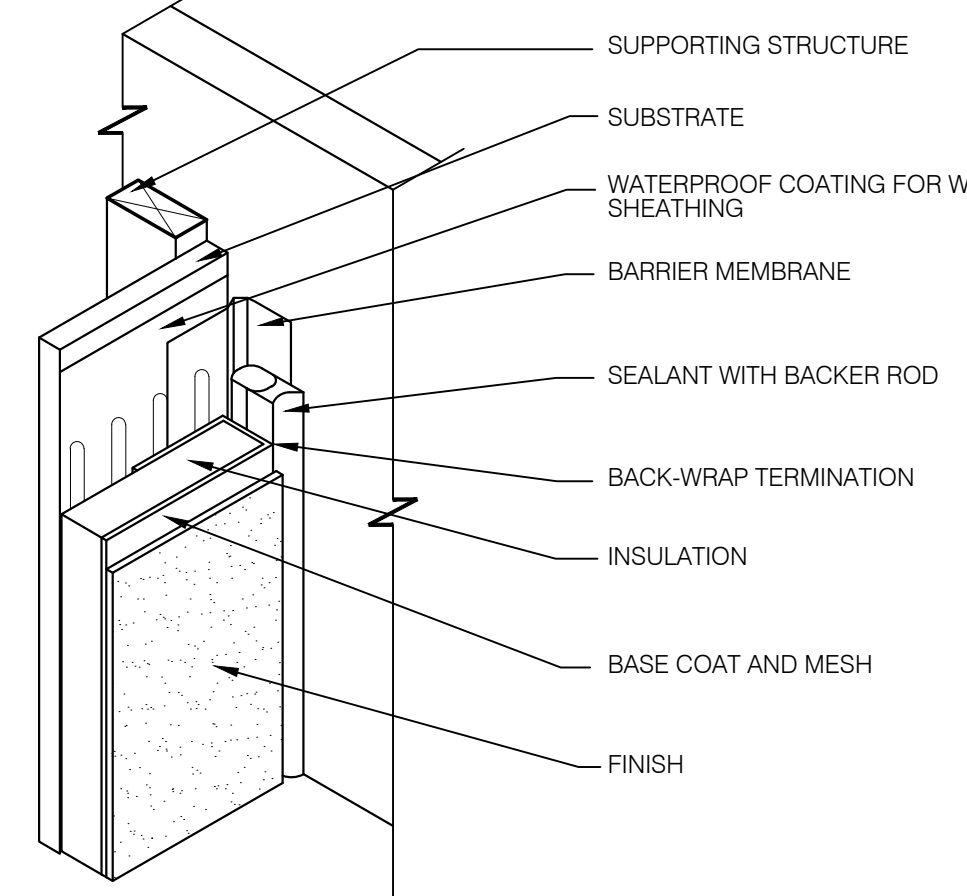
CONNECTION THRU EIFS 3" = 1'-0" **9**



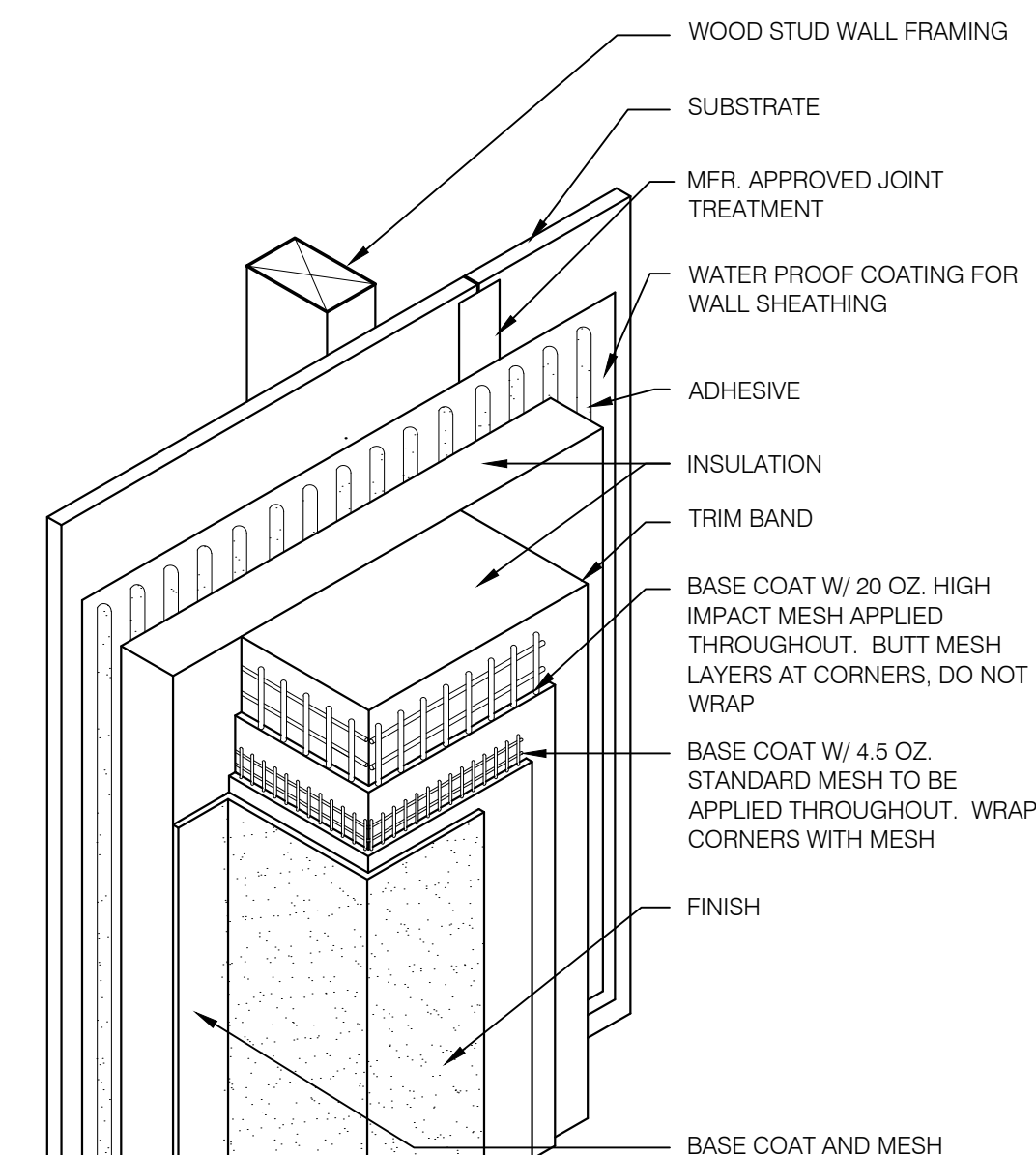
WINDOW HEAD @ PRE-PAY 3" = 1'-0" **10**



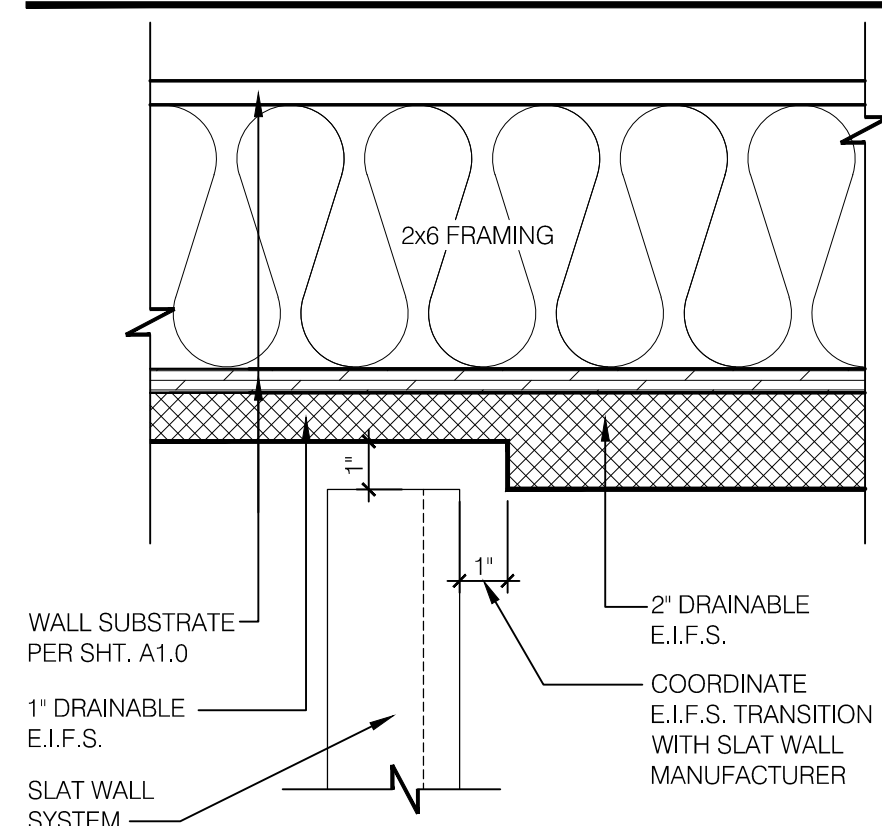
CO2 FILL / J-BOX IN EIFS 3" = 1'-0" **5**



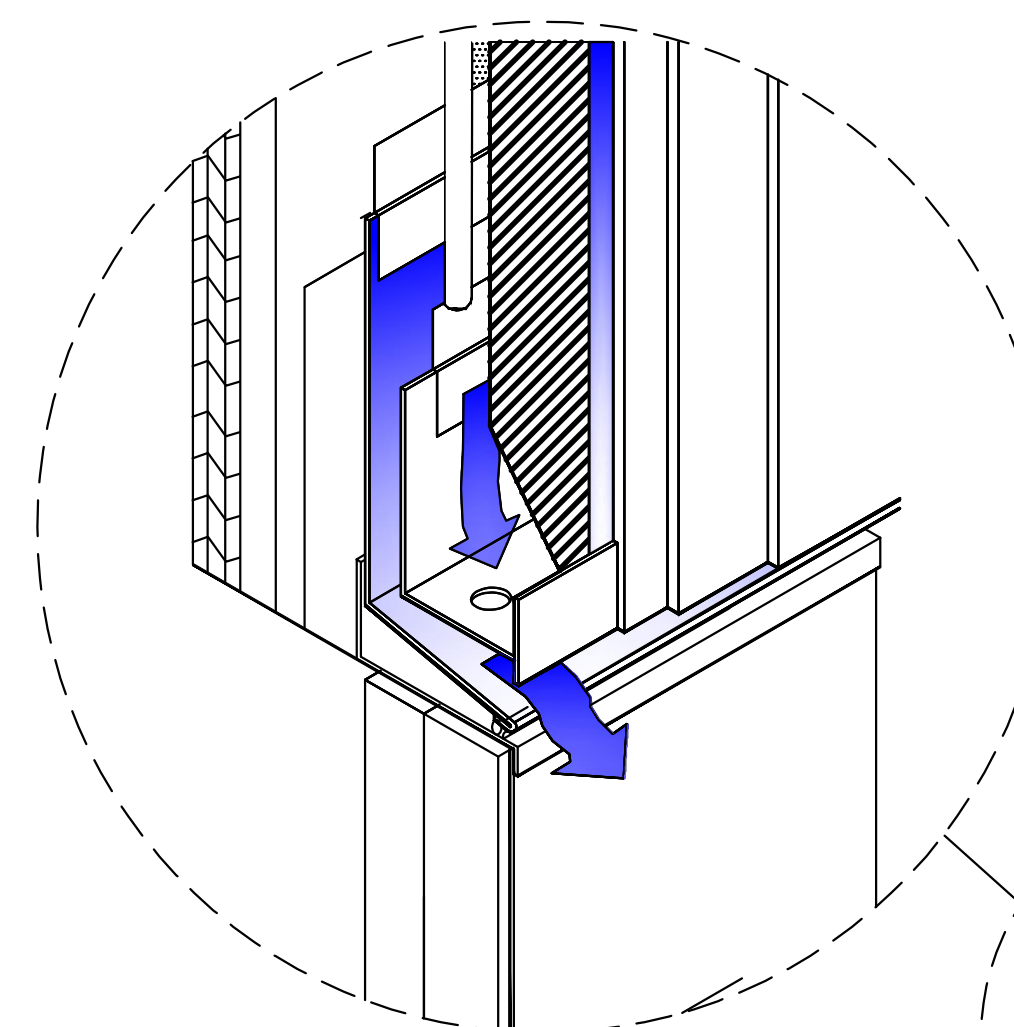
TYP. E.I.F.S. @ INSIDE CORNER N.T.S. **6**



TYP. E.I.F.S. TRIM HIGH-IMPACT N.T.S. **2**



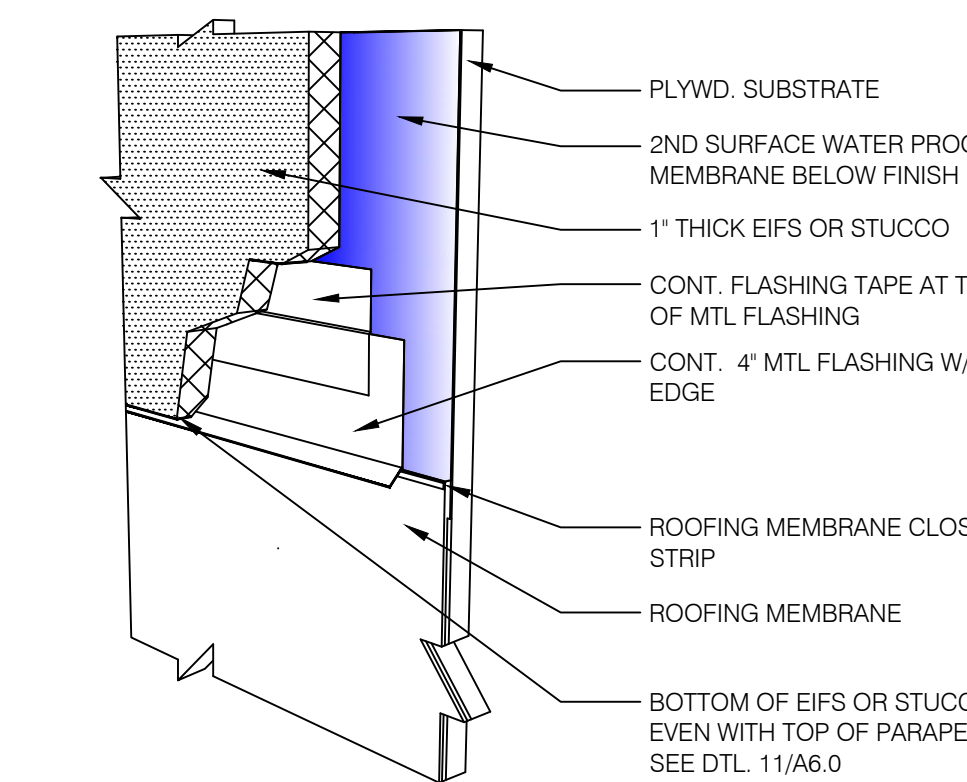
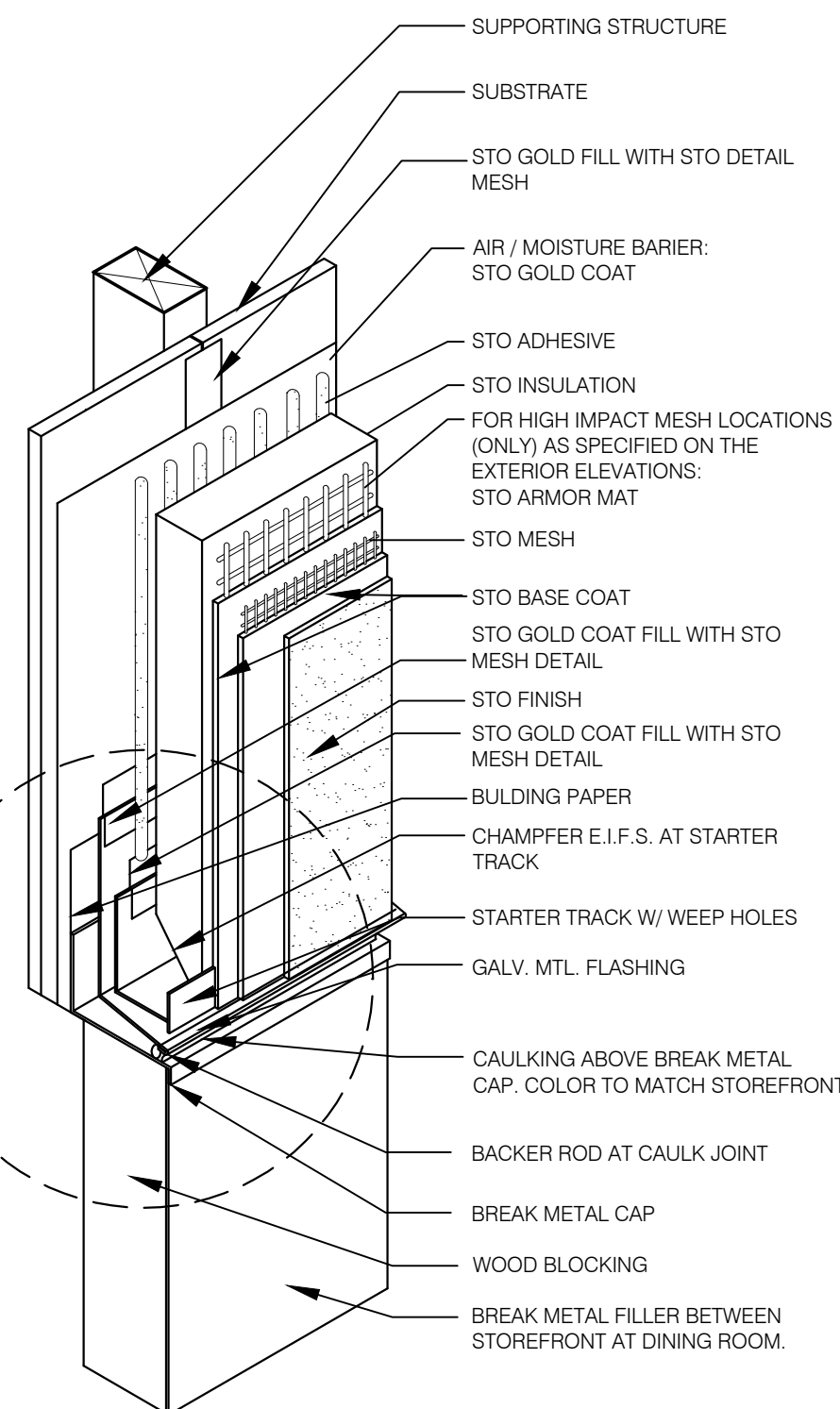
E.I.F.S. TRANSITION @ SLAT WALL 3" = 1'-0" **19**



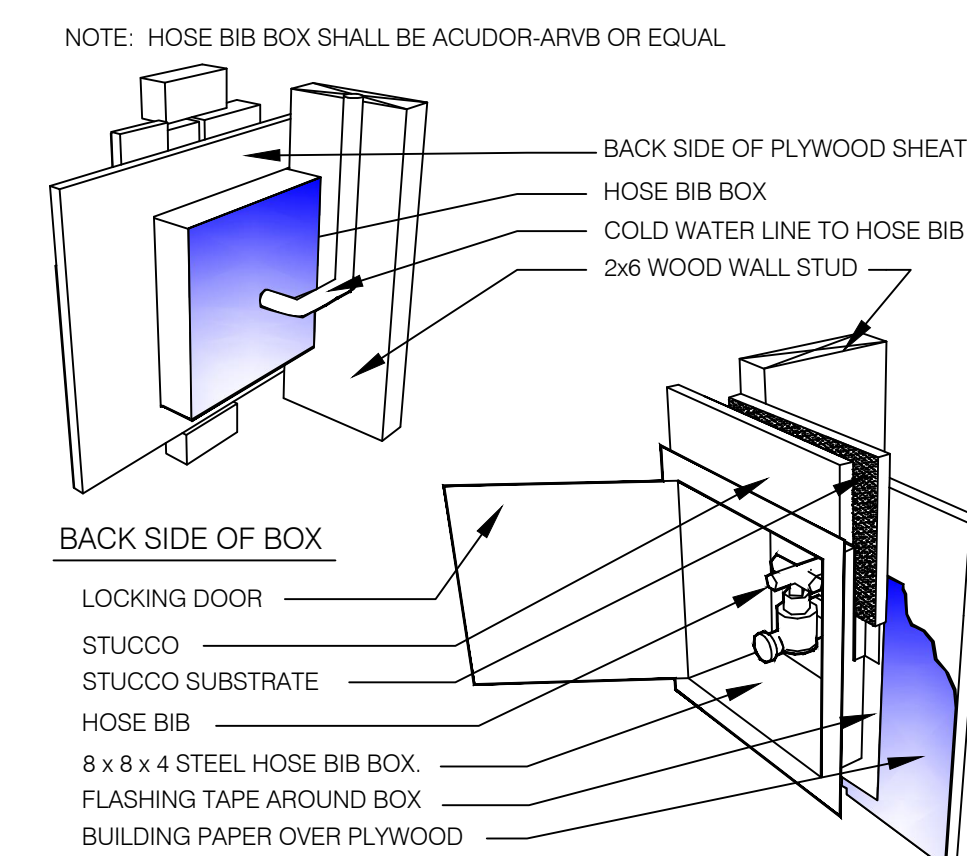
NOT AN OPTION: Do not caulk below EIFS starter track edge & galv. mtl. flashing to allow for drainage behind EIFS.

NOTE: E.I.F.S. DETAILS ARE INTENDED TO BE GENERIC. MANUFACTURERS DETAILS AND RECOMMENDATIONS SHOULD BE FOLLOWED. REFER TO SECTION 07240 OF THE SPECIFICATIONS MANUAL.

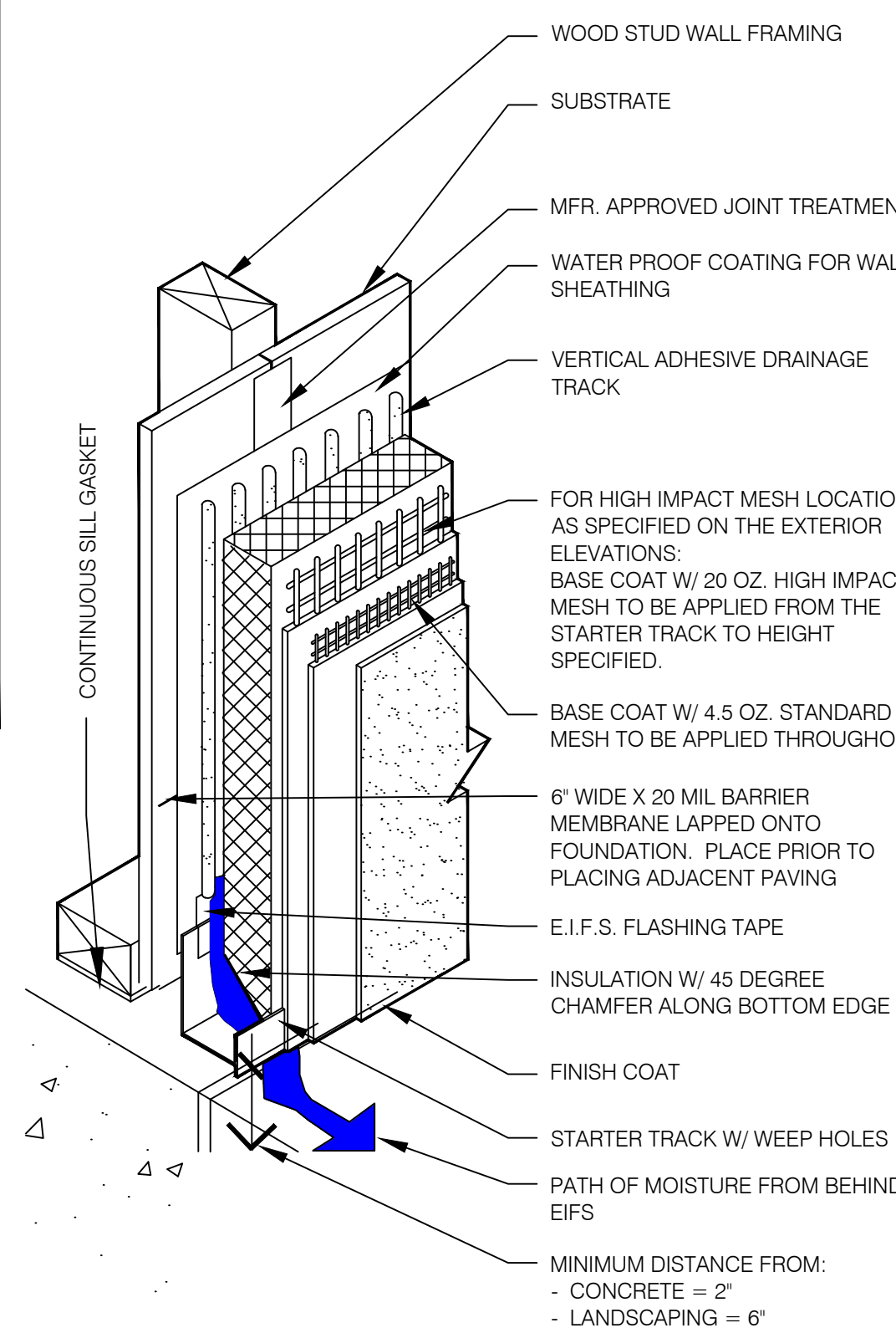
E.I.F.S FLASHING AT TOP OF BREAK METAL **12**



E.I.F.S. TO BASE FLASHING N.T.S. **7**



HOSE BIB BOX N.T.S. **8**



TYP. E.I.F.S. BASE TERMINATION N.T.S. **4**

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CONTRACT DATE: 04.14.15
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PLAN VERSION: 06.08.15 - REV 0
SITE NUMBER:
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TACO BELL

US Route 220
Township of Bedford, PA



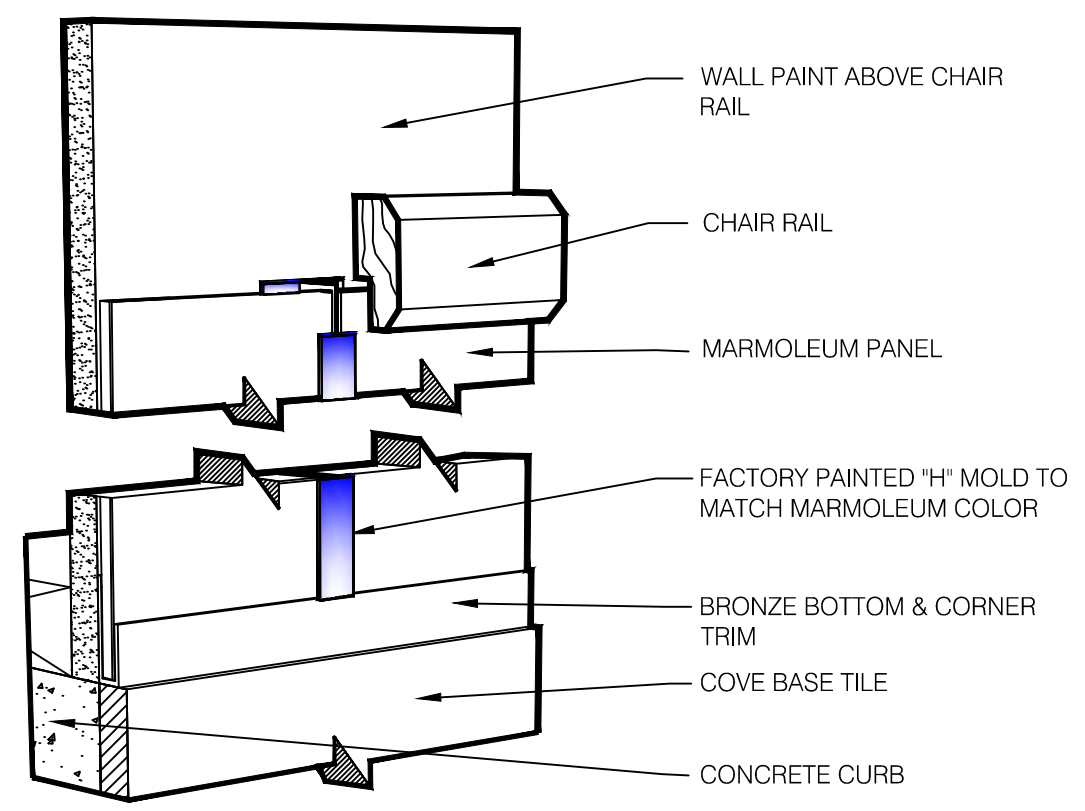
LIVE MAS

LARGES0

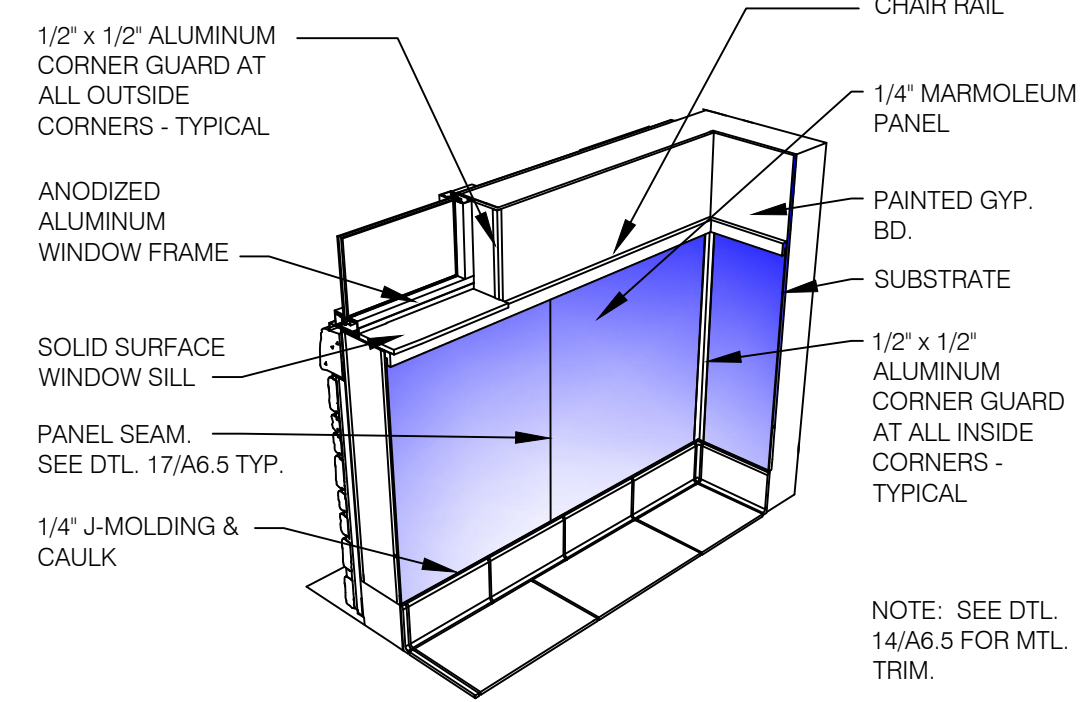
CONST. DETAILS WALL

A6.2

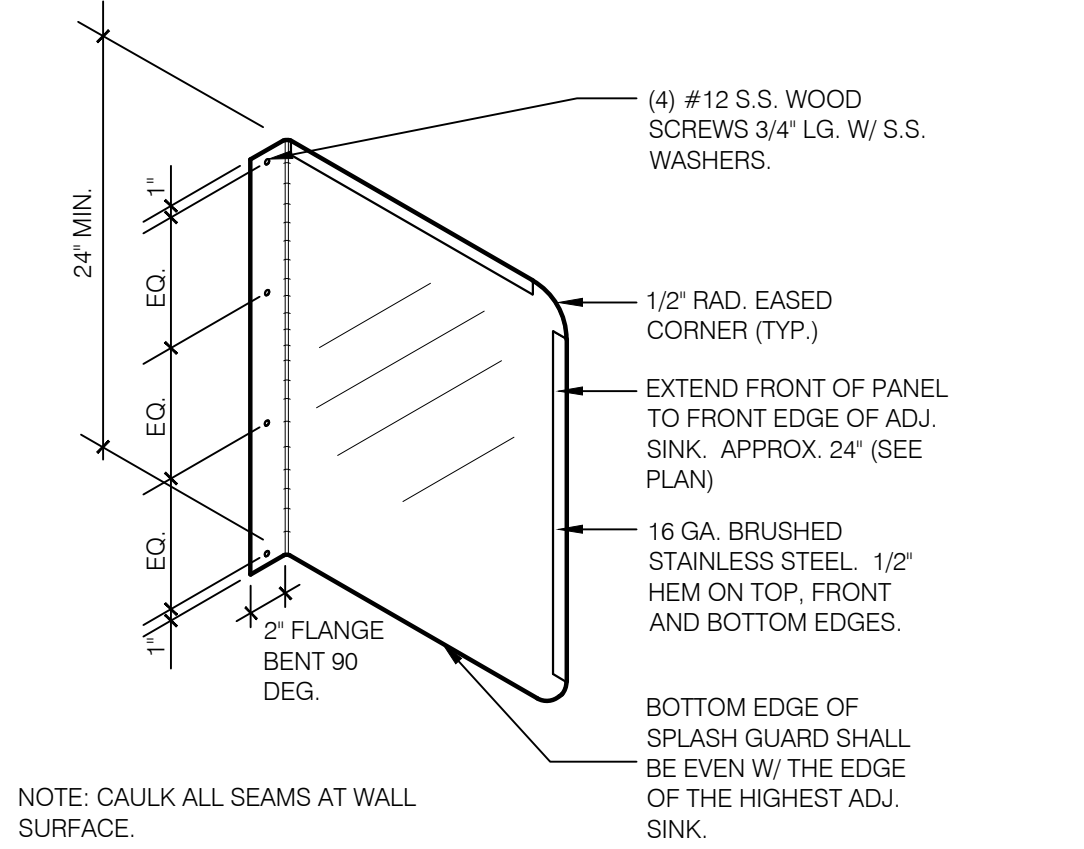
PERMIT PLOT DATE:



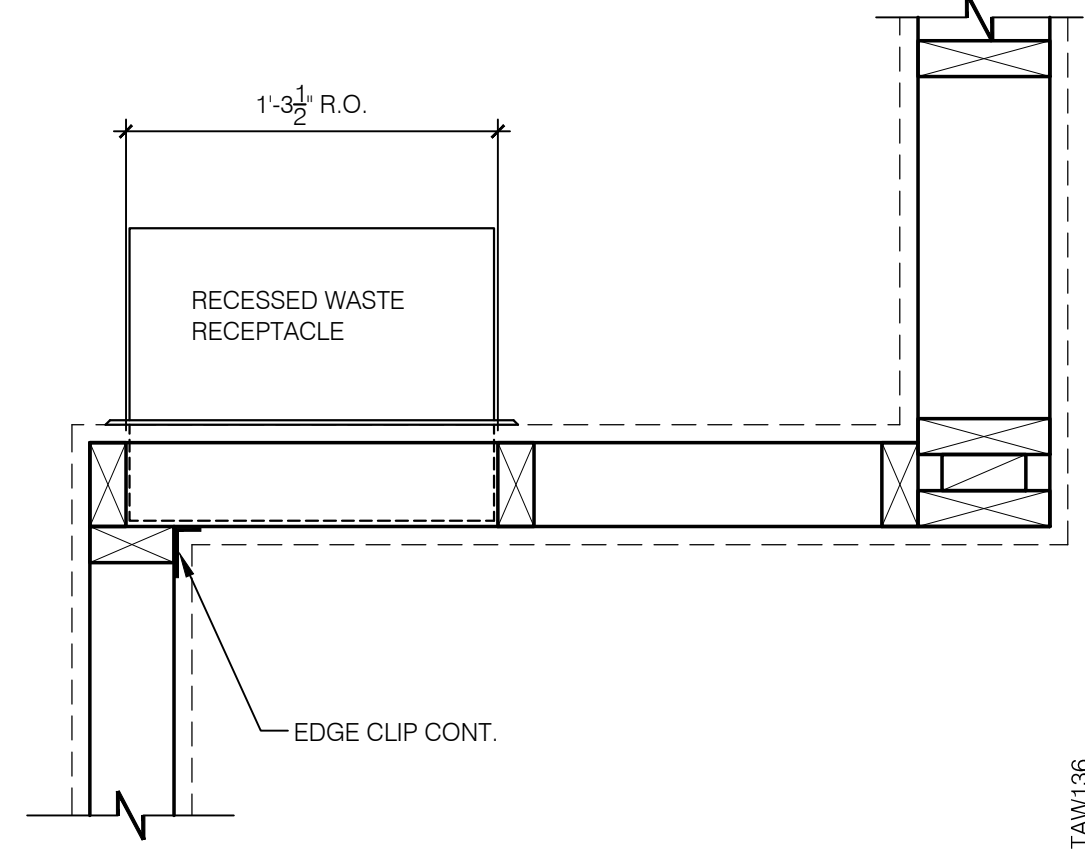
MARMOLEUM TRIM DETAIL N.T.S. **17**



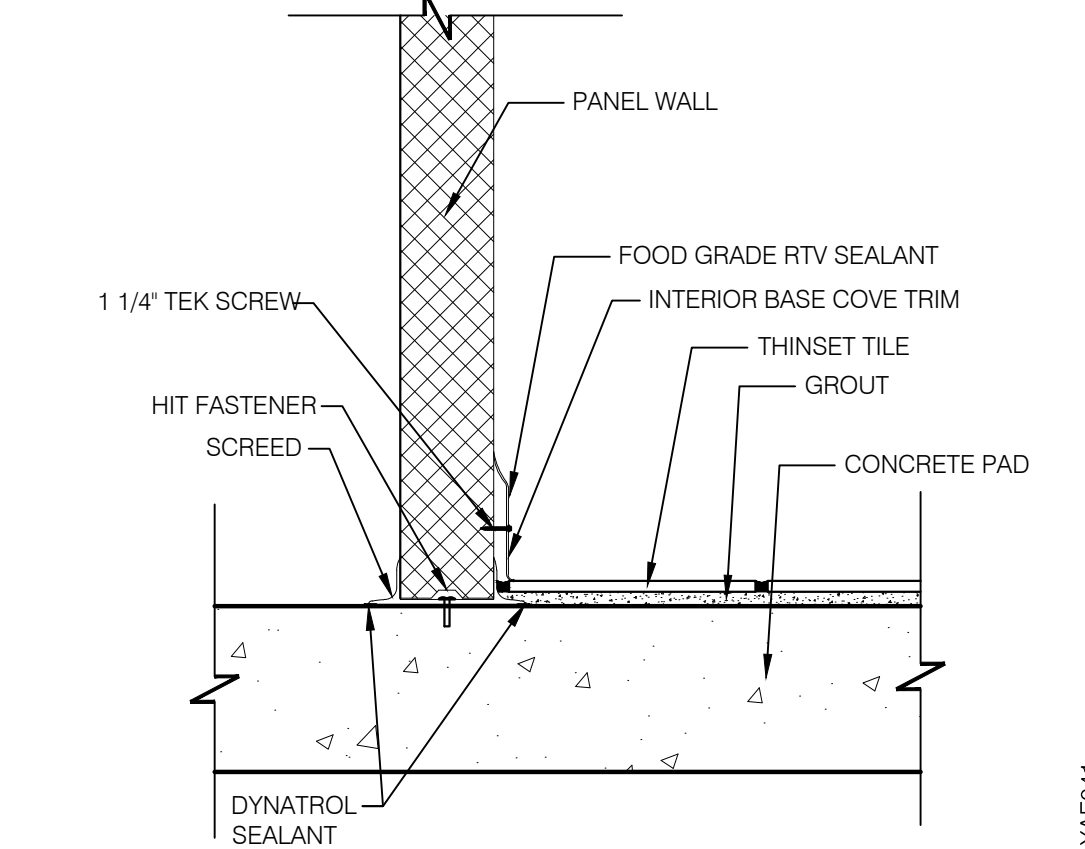
MARMOLEUM ATTACHMENT DETAIL N.T.S. **13**



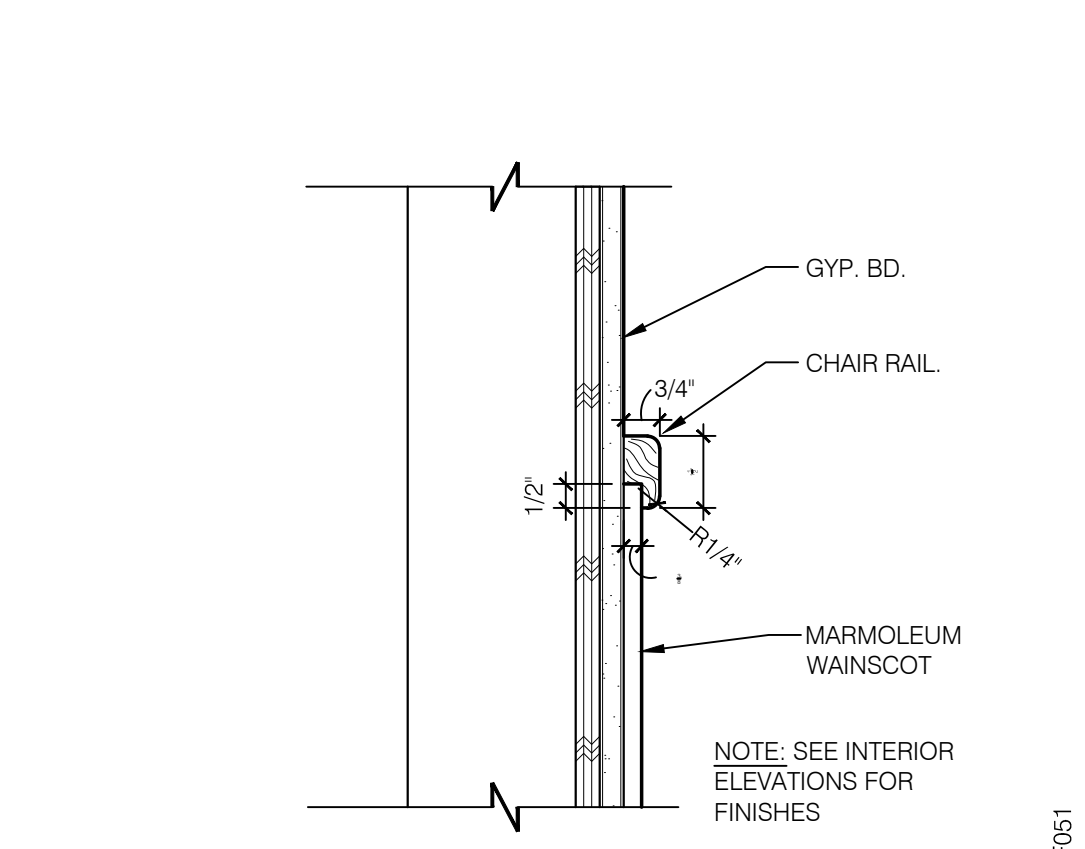
SPLASH GUARD 1' = 1'-0" **9**



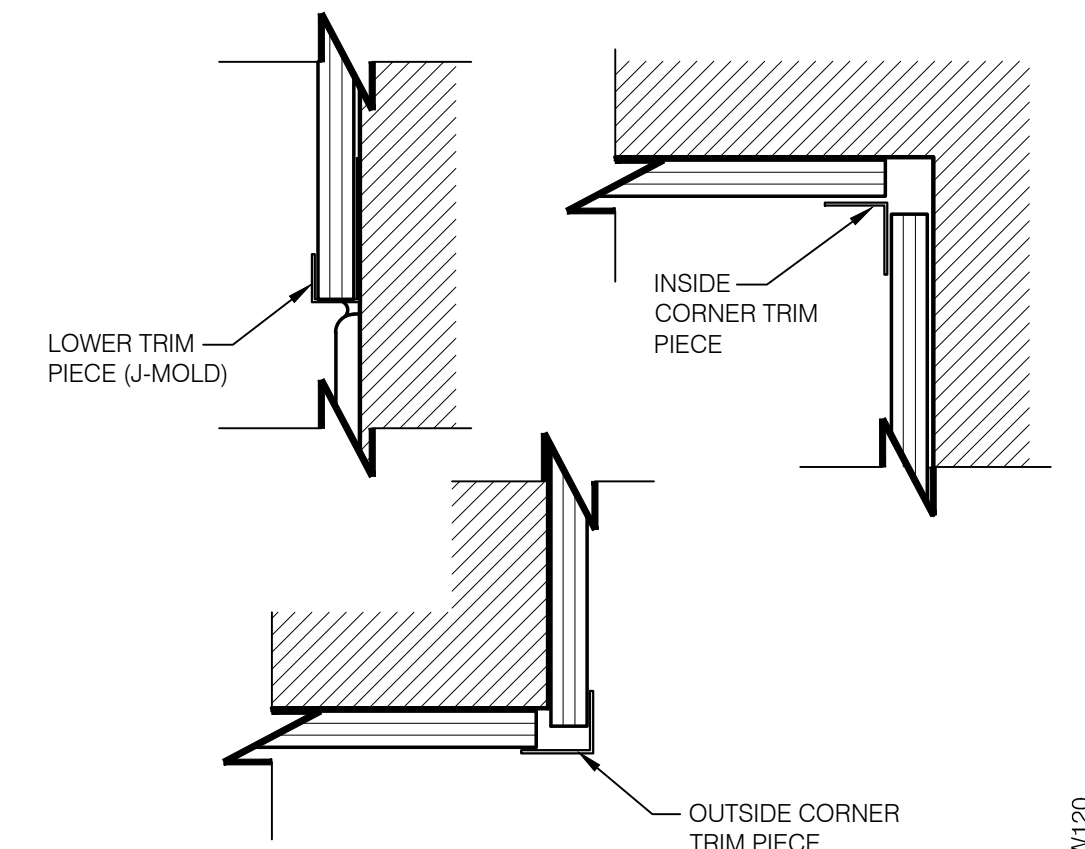
WALL CORNER @ WASTE RECEP. 1-1/2' = 1'-0" **5**



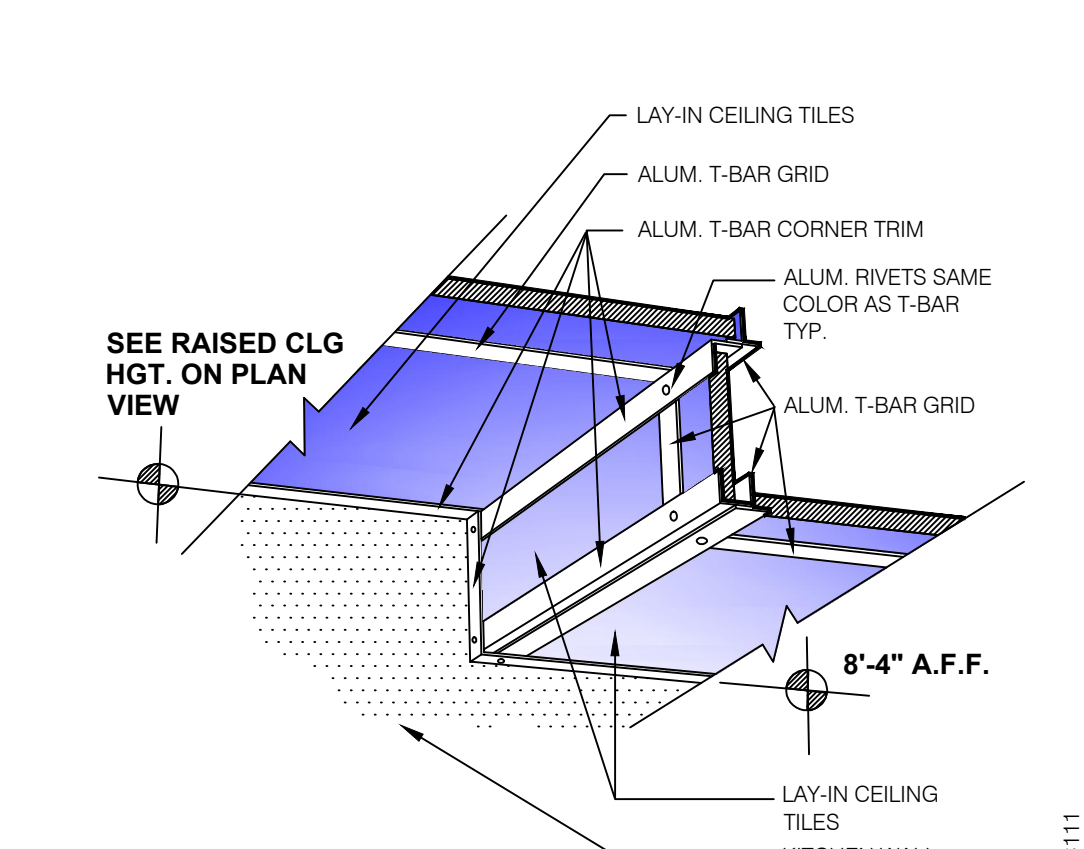
WALK-IN TILE/BASE 1-1/2' = 1'-0" **1**



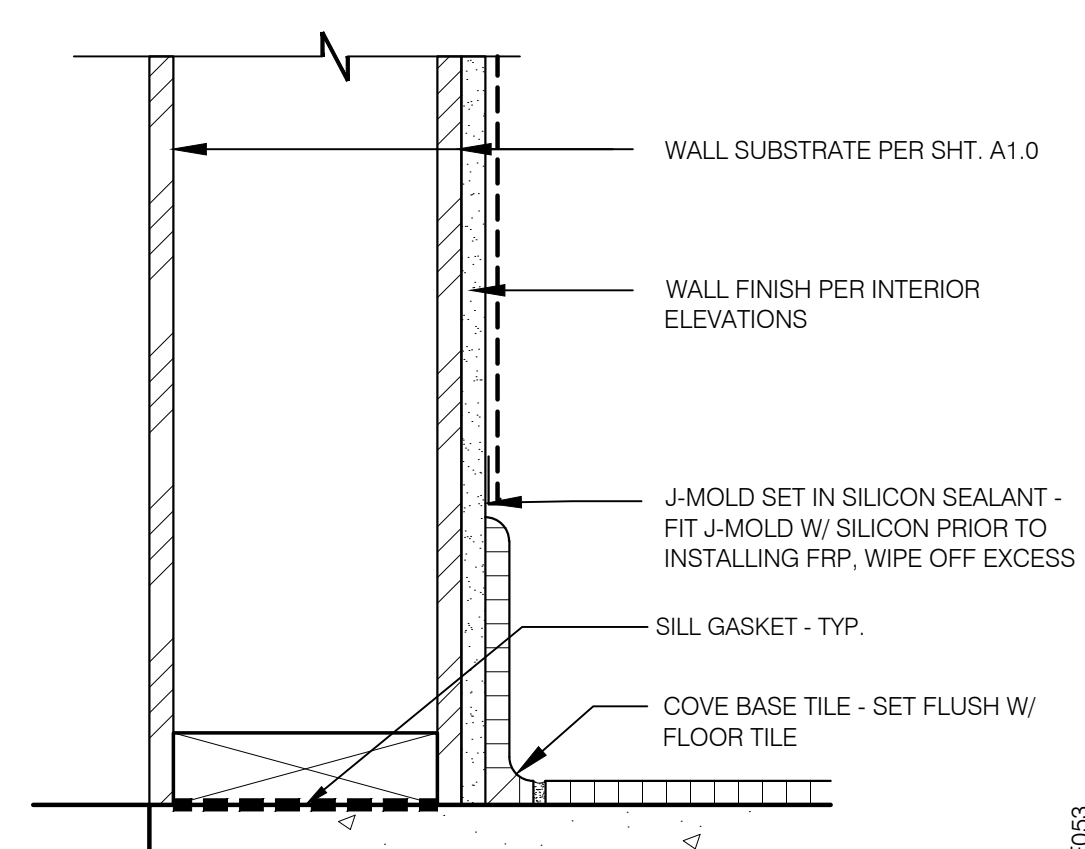
SECTION AT CHAIR RAIL 3' = 1'-0" **18**



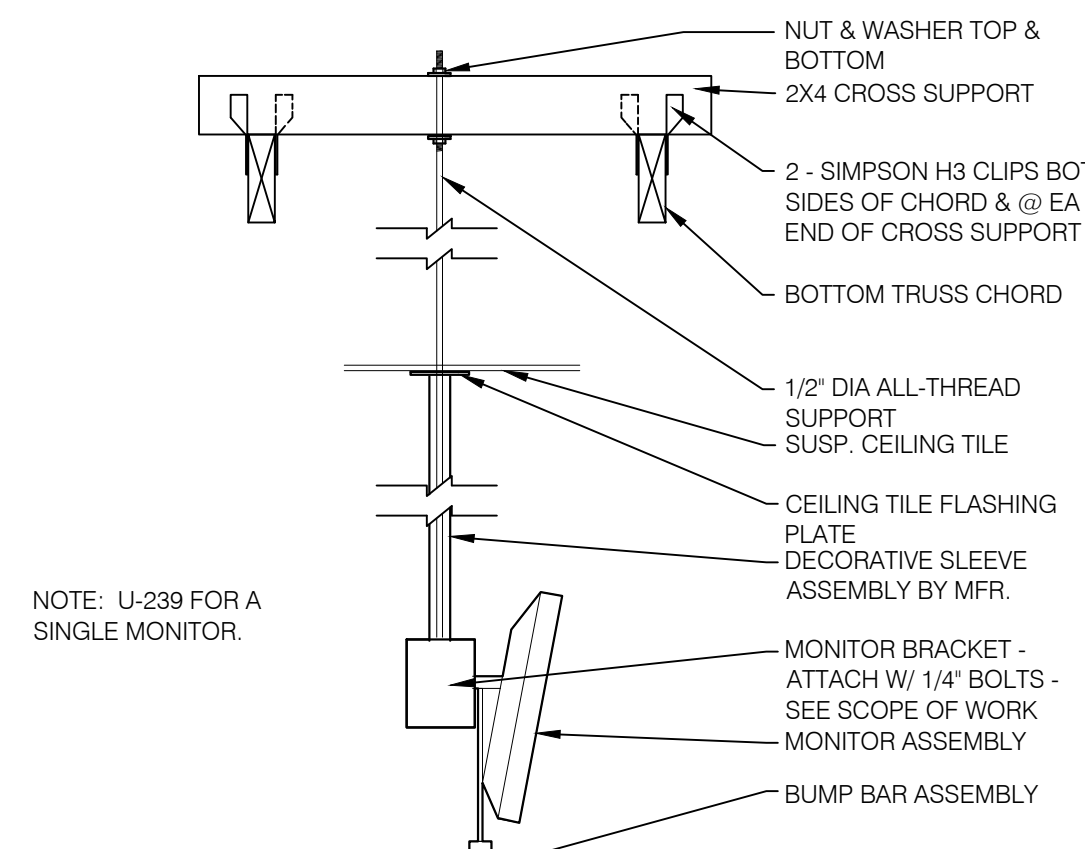
MARMOLEUM TRIM DETAILS 6' = 1'-0" **14**



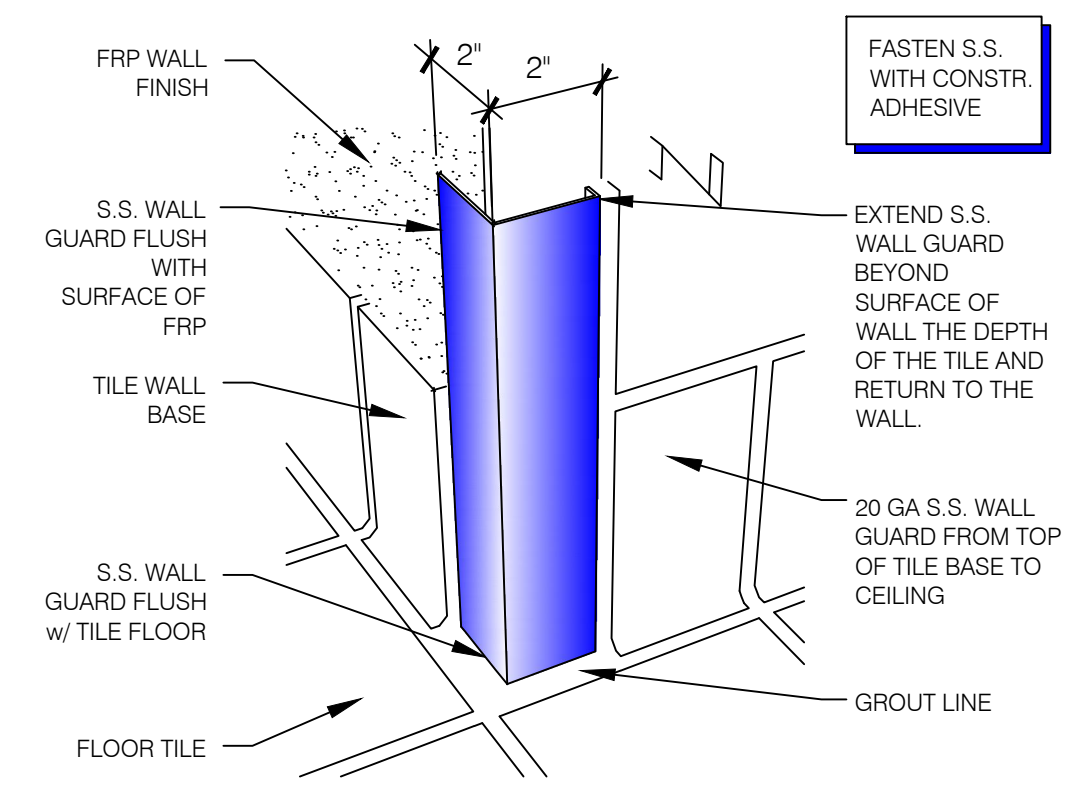
CEILING POCKET N.T.S. **10**



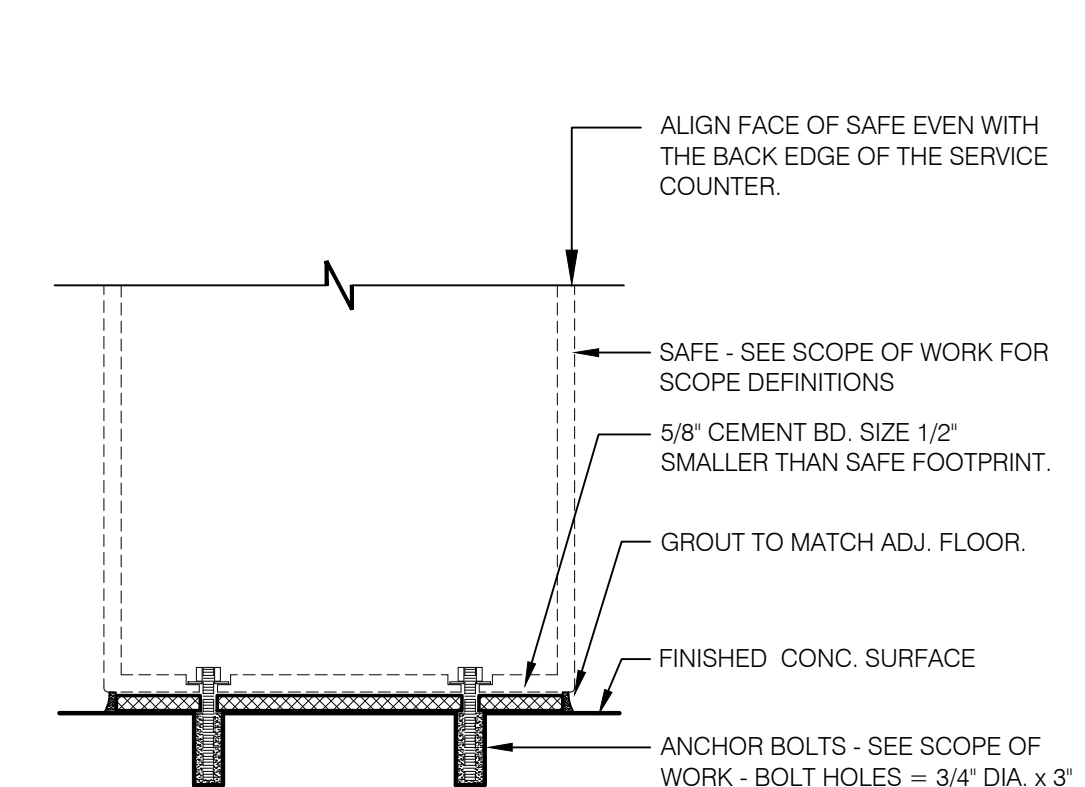
BASE @ DINING EXT. FRONT WALL 3' = 1'-0" **6**



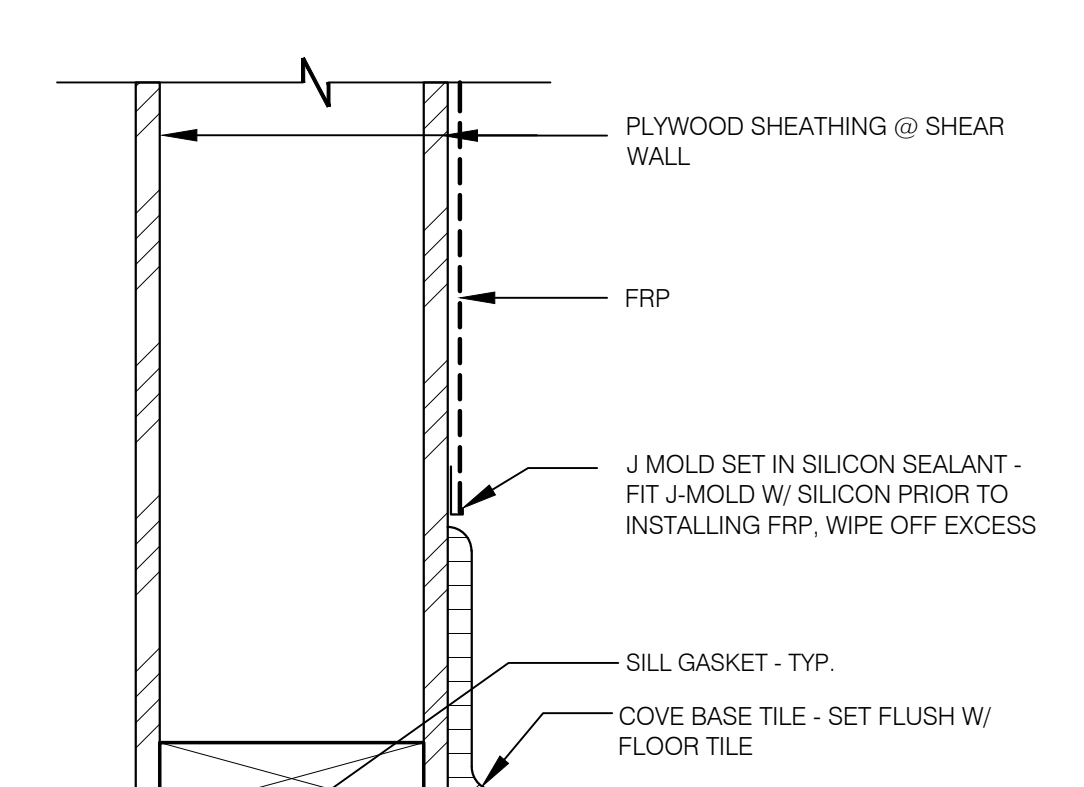
CEILING MOUNT MONITOR BRACKET N.T.S. **2**



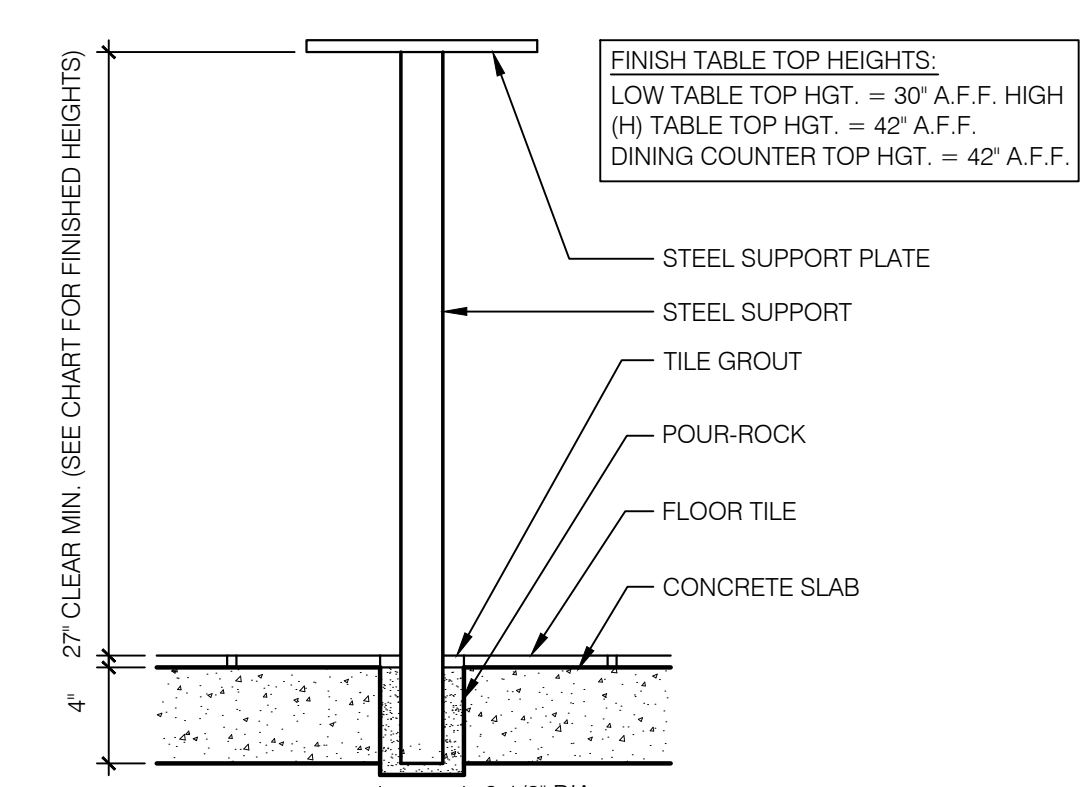
S.S. CORNER & END WALL GUARD N.T.S. **19**



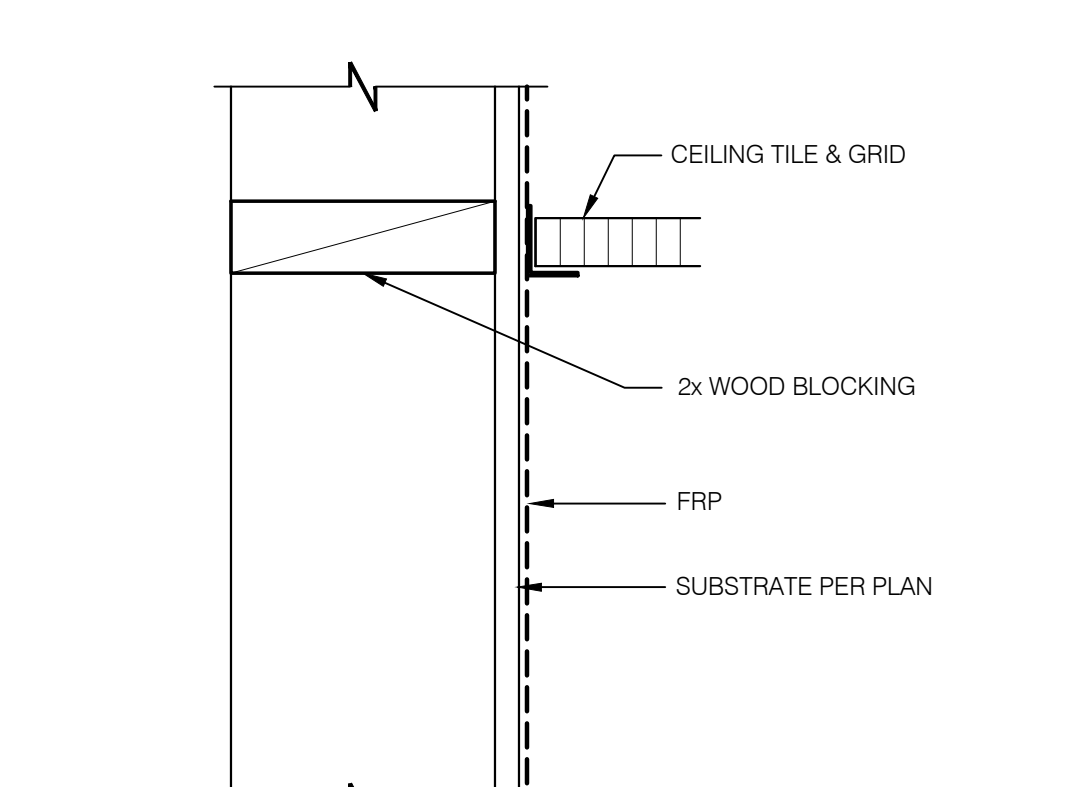
SAFE PEDESTAL 1' = 1'-0" **15**



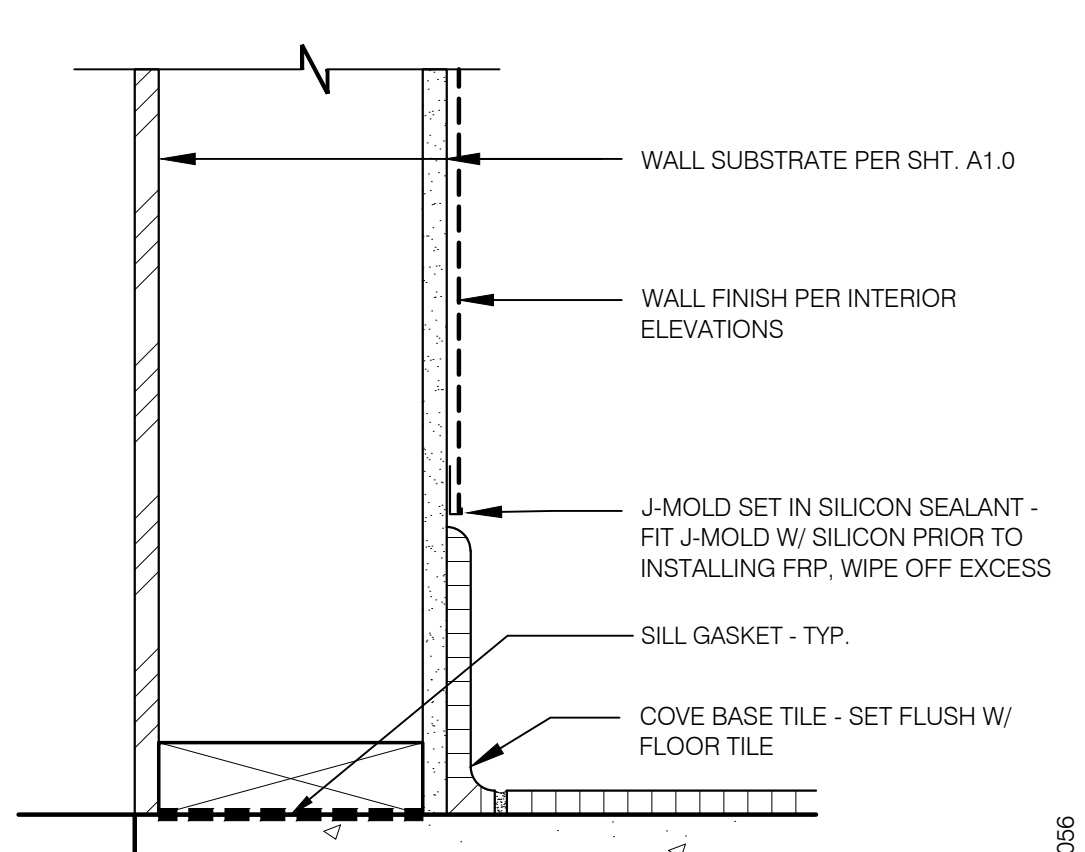
BASE @ KITCHEN EXT. REAR WALL 3' = 1'-0" **11**



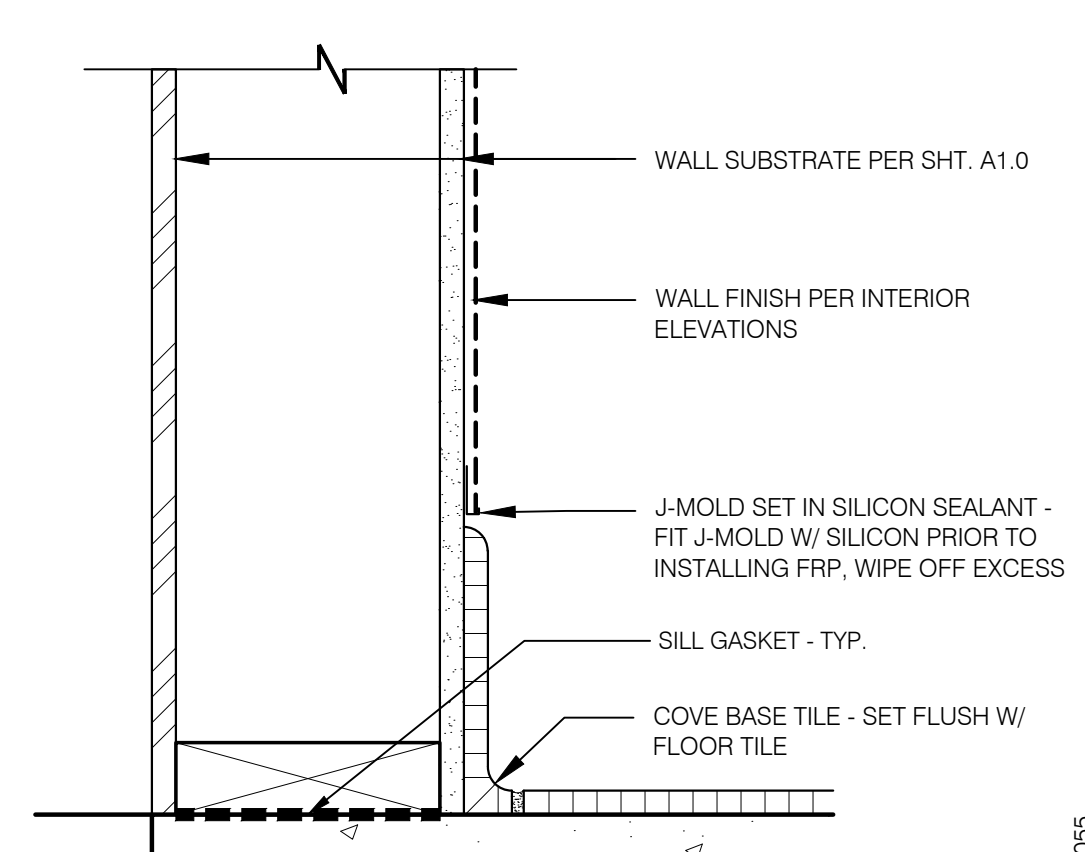
CORE DRILL 1 1/2' = 1'-0" **7**



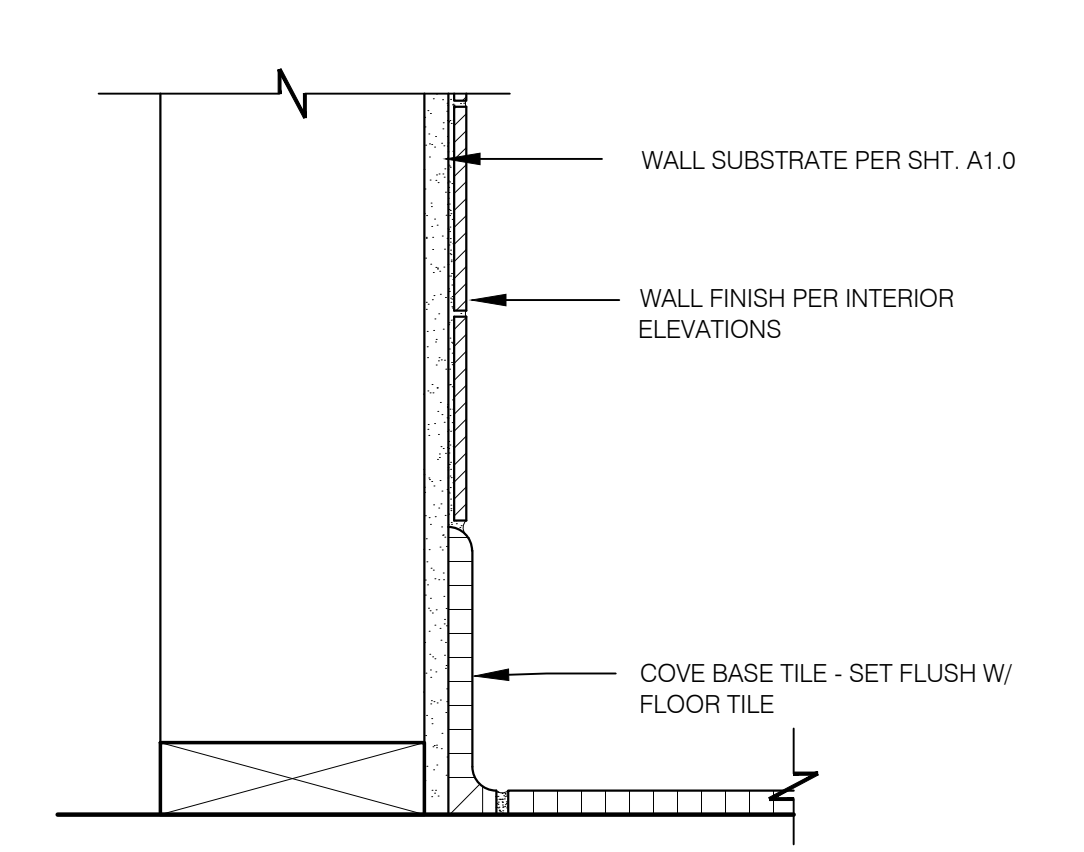
KITCHEN FINISH @ CEILING 3' = 1'-0" **3**



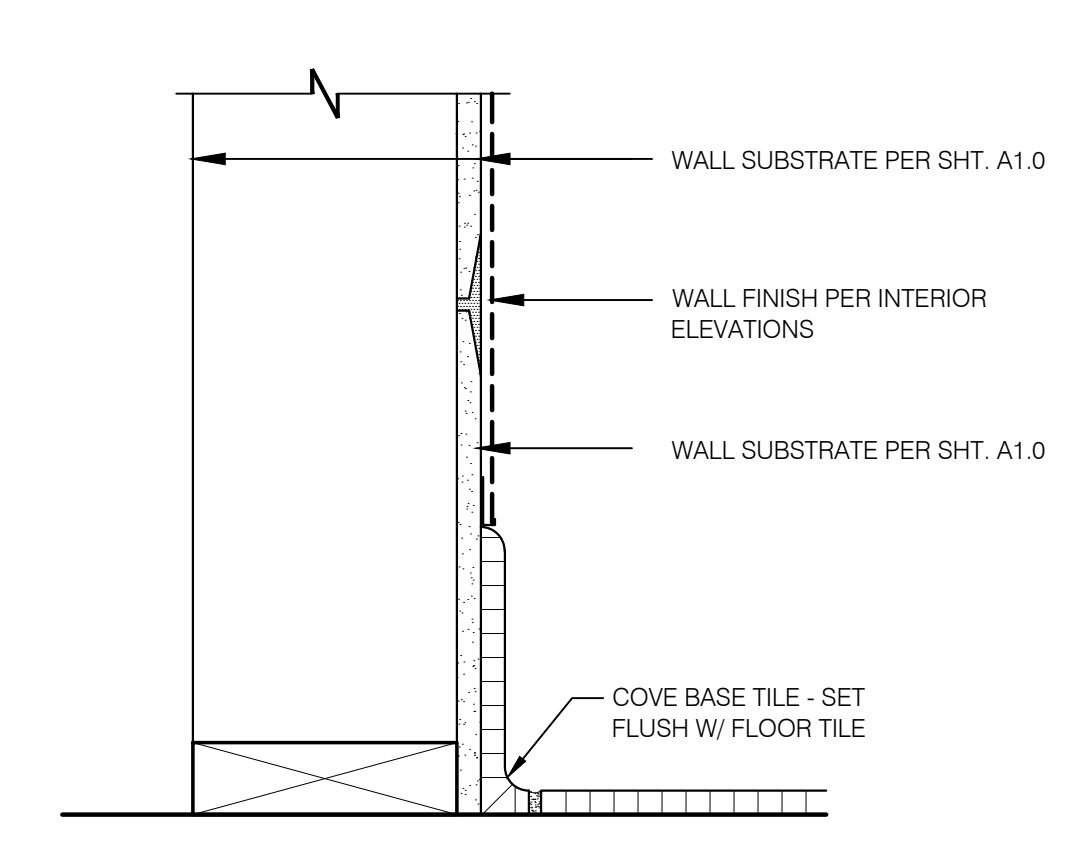
BASE @ KITCHEN EXT. SIDE WALLS 3' = 1'-0" **20**



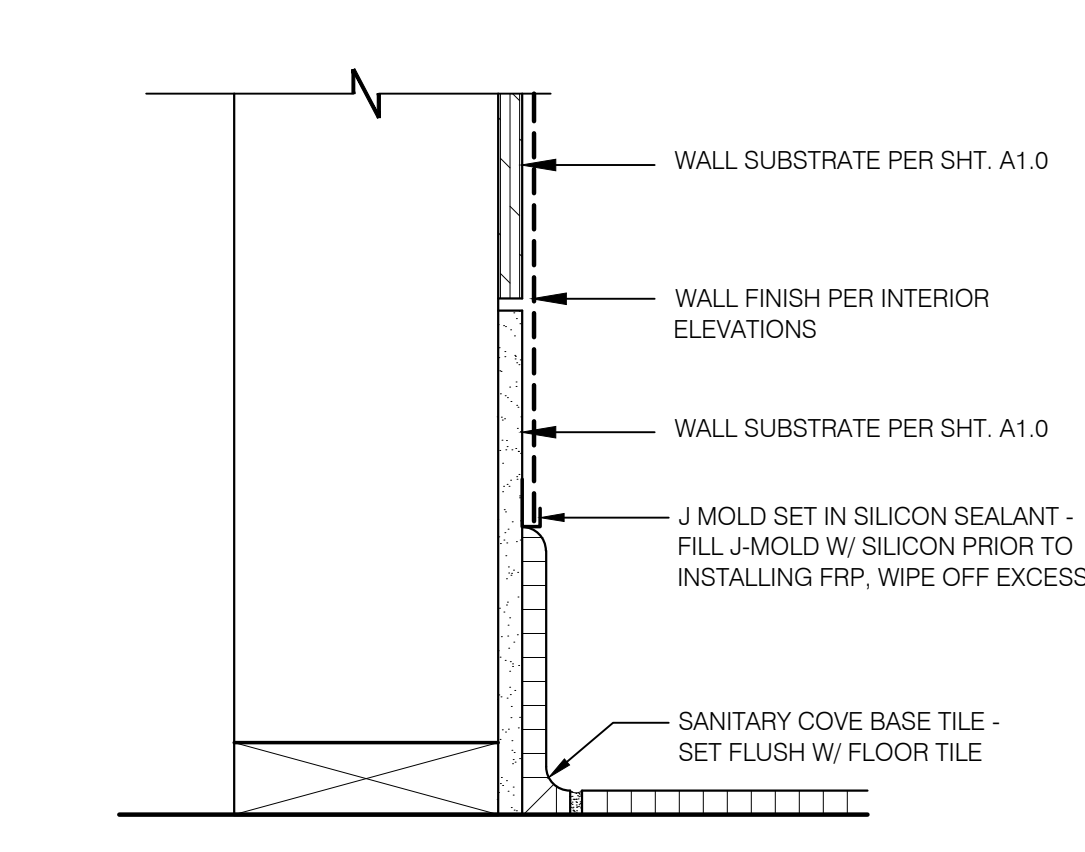
BASE @ DINING EXT. SIDE WALLS 3' = 1'-0" **16**



BASE @ RESTROOM INT. WALL 3' = 1'-0" **12**



BASE @ DINING ROOM INT. WALL 3' = 1'-0" **8**



BASE @ KITCHEN INT. WALL 3' = 1'-0" **4**

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CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS - Large 50
PLAN VERSION: 06.08.15 - REV O
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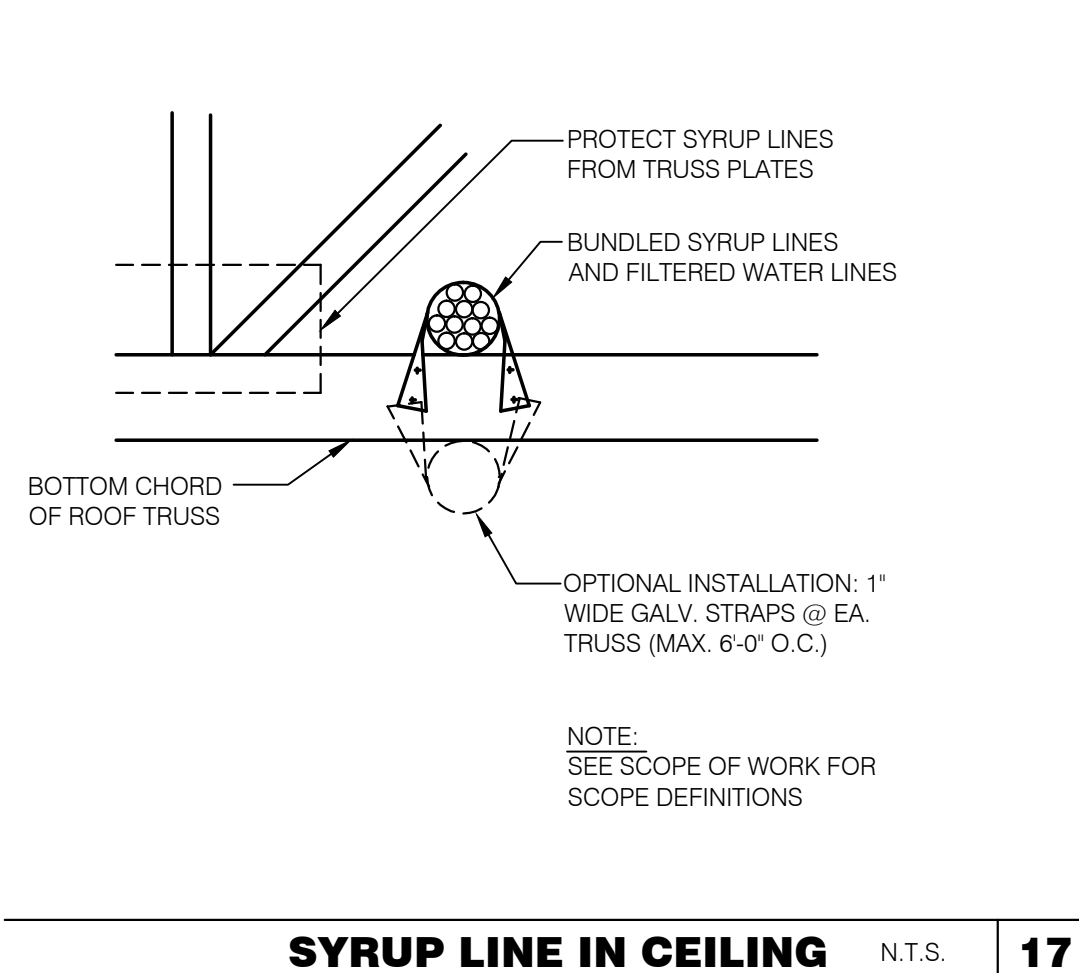
TACO BELL
US Route 220
Township of Bedford, PA



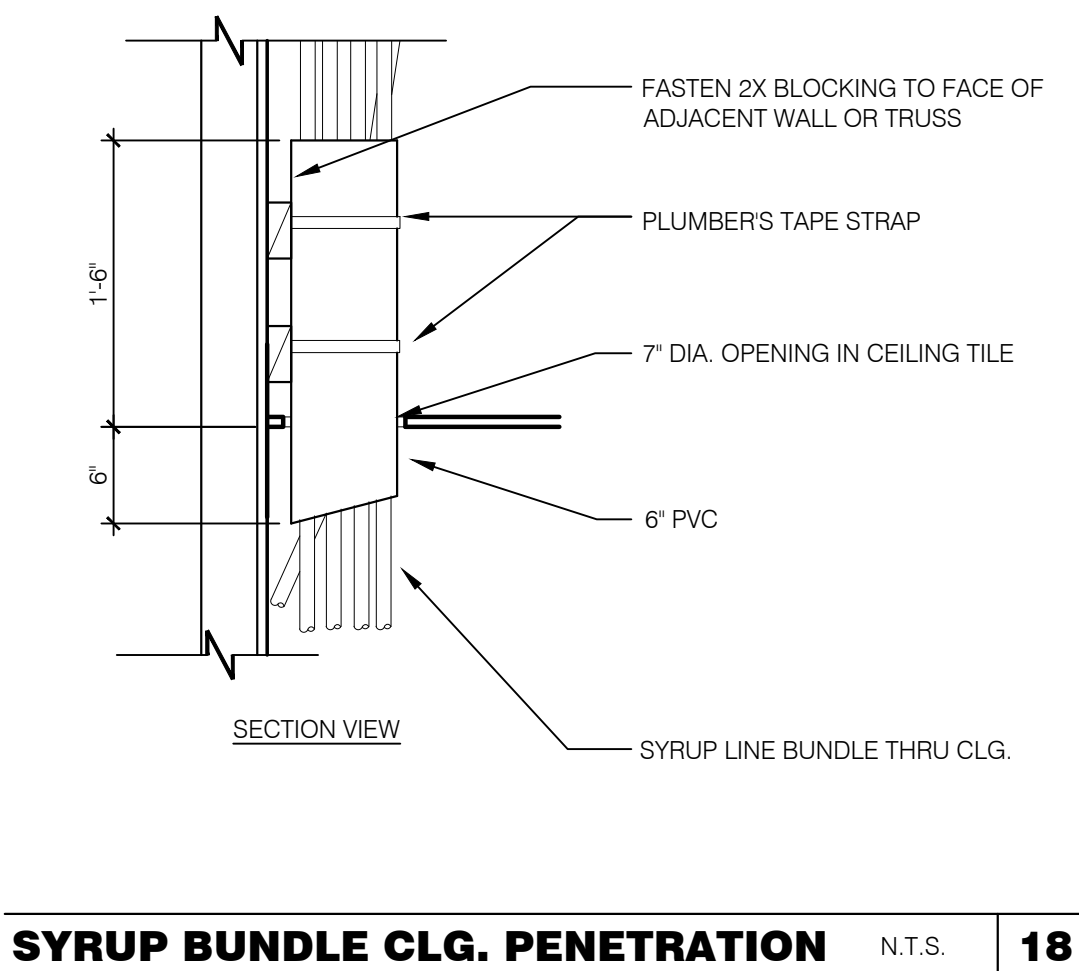
FINISH DETAILS

A6.3

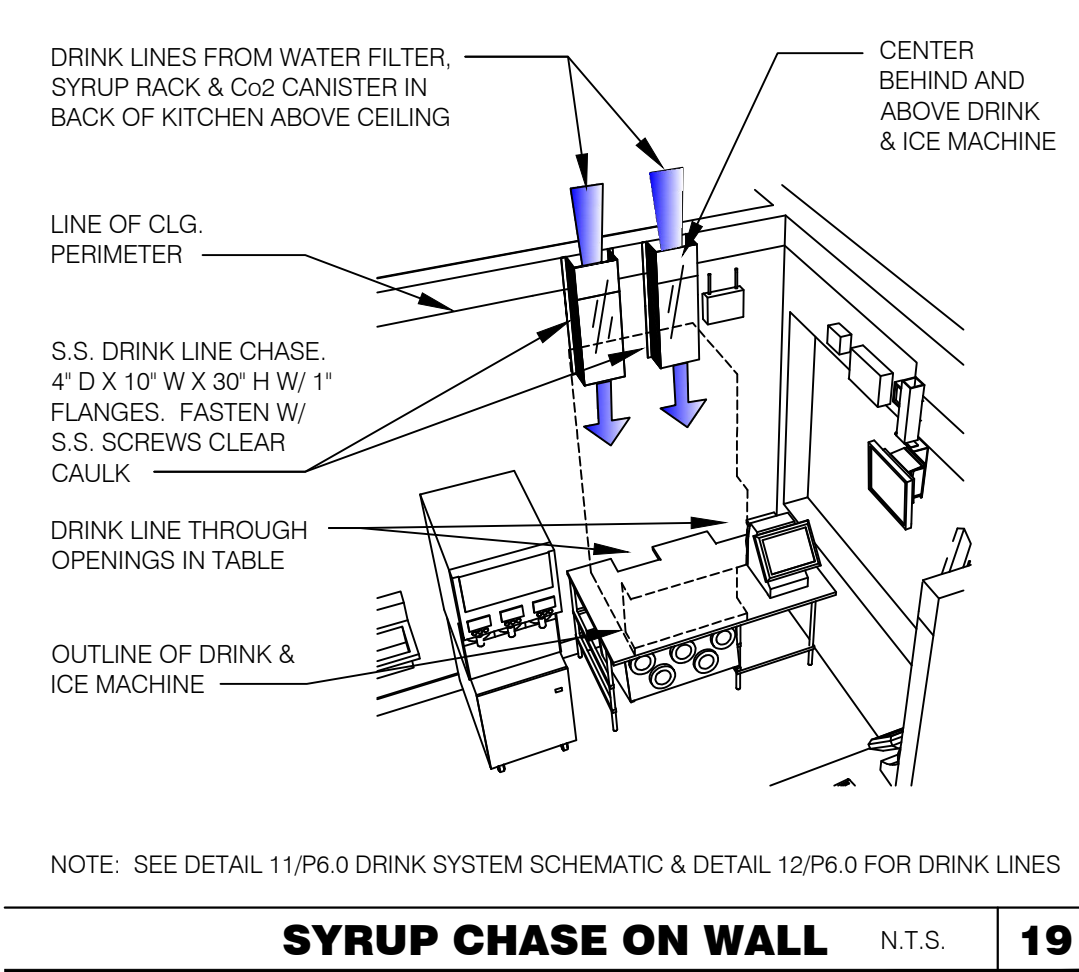
PERMIT PLOT DATE:



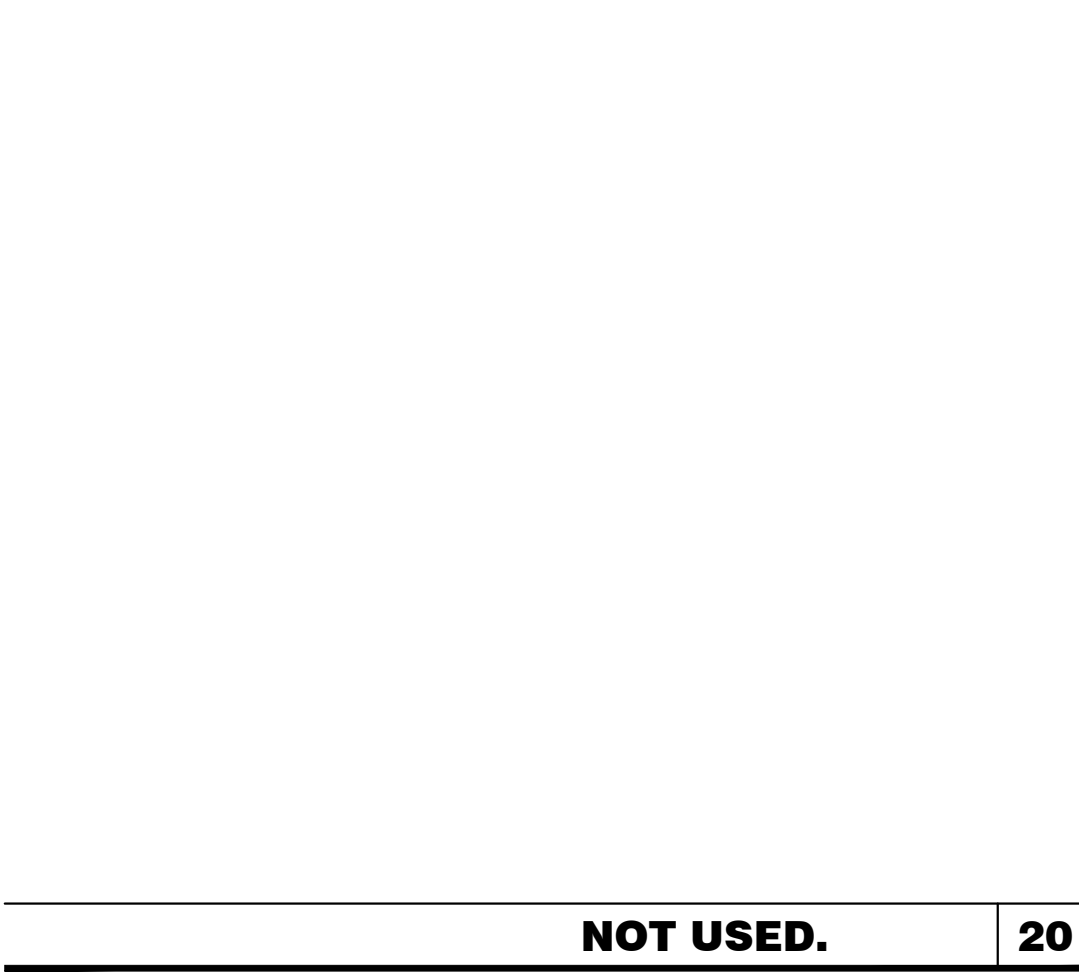
SYRUP LINE IN CEILING N.T.S. 17



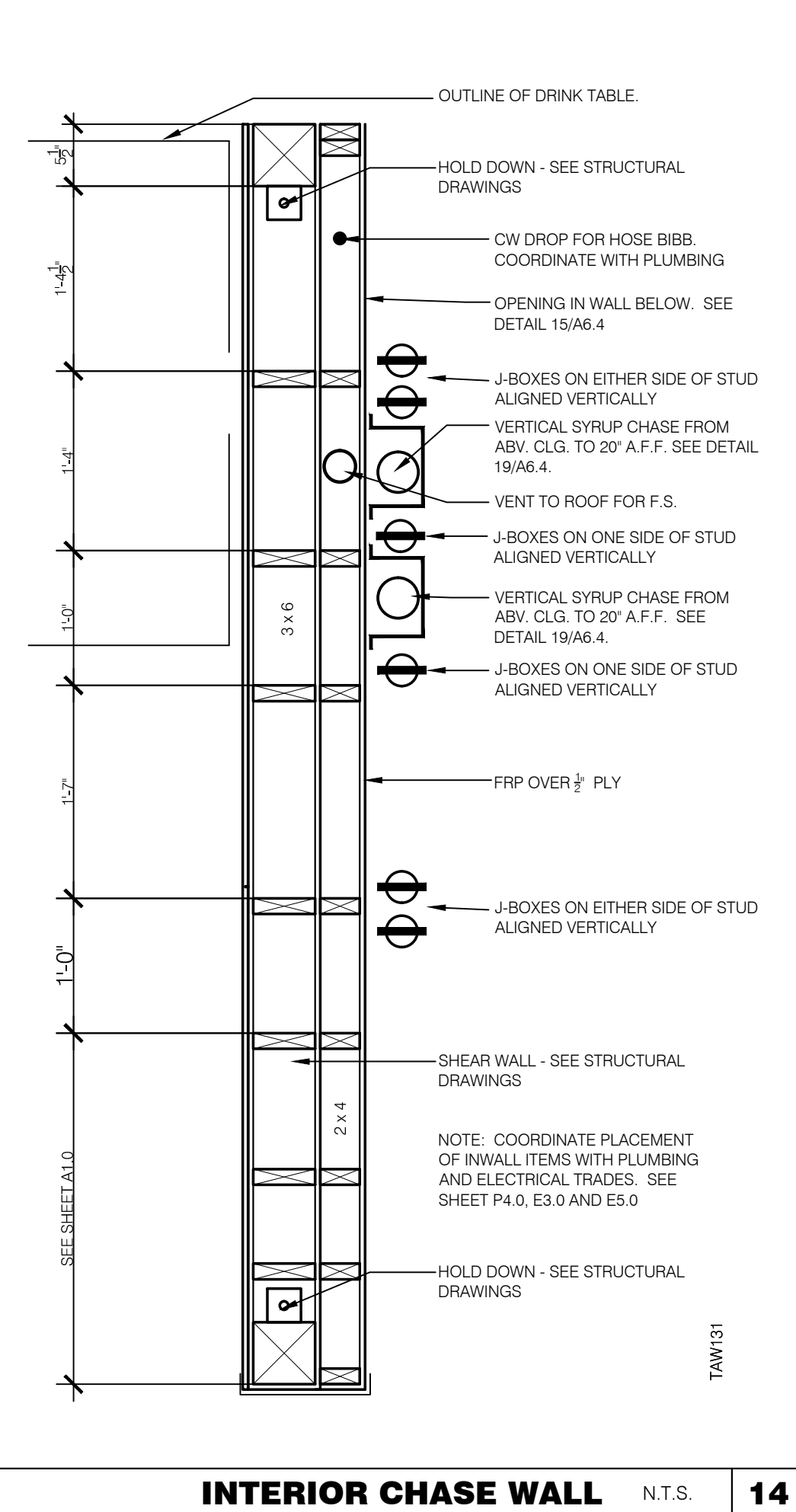
SYRUP BUNDLE CLG. PENETRATION N.T.S. 18



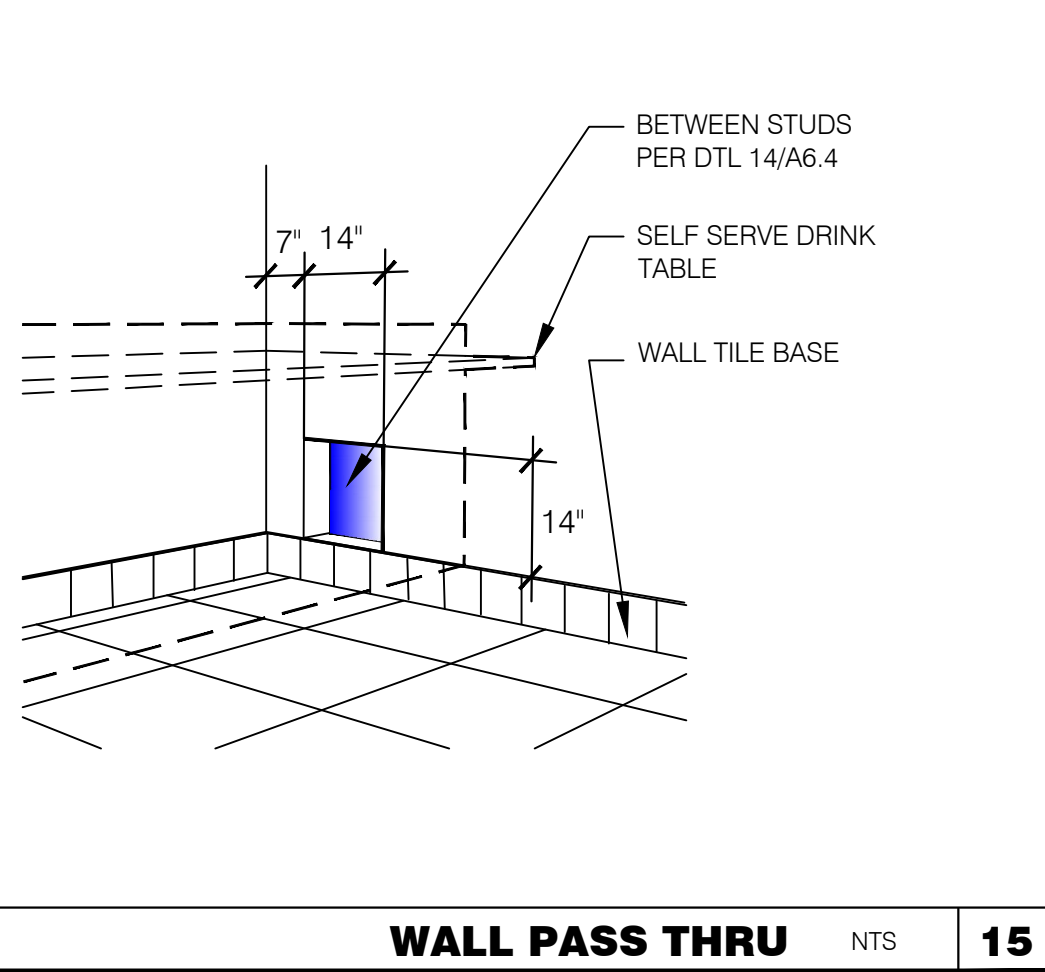
SYRUP CHASE ON WALL N.T.S. 19



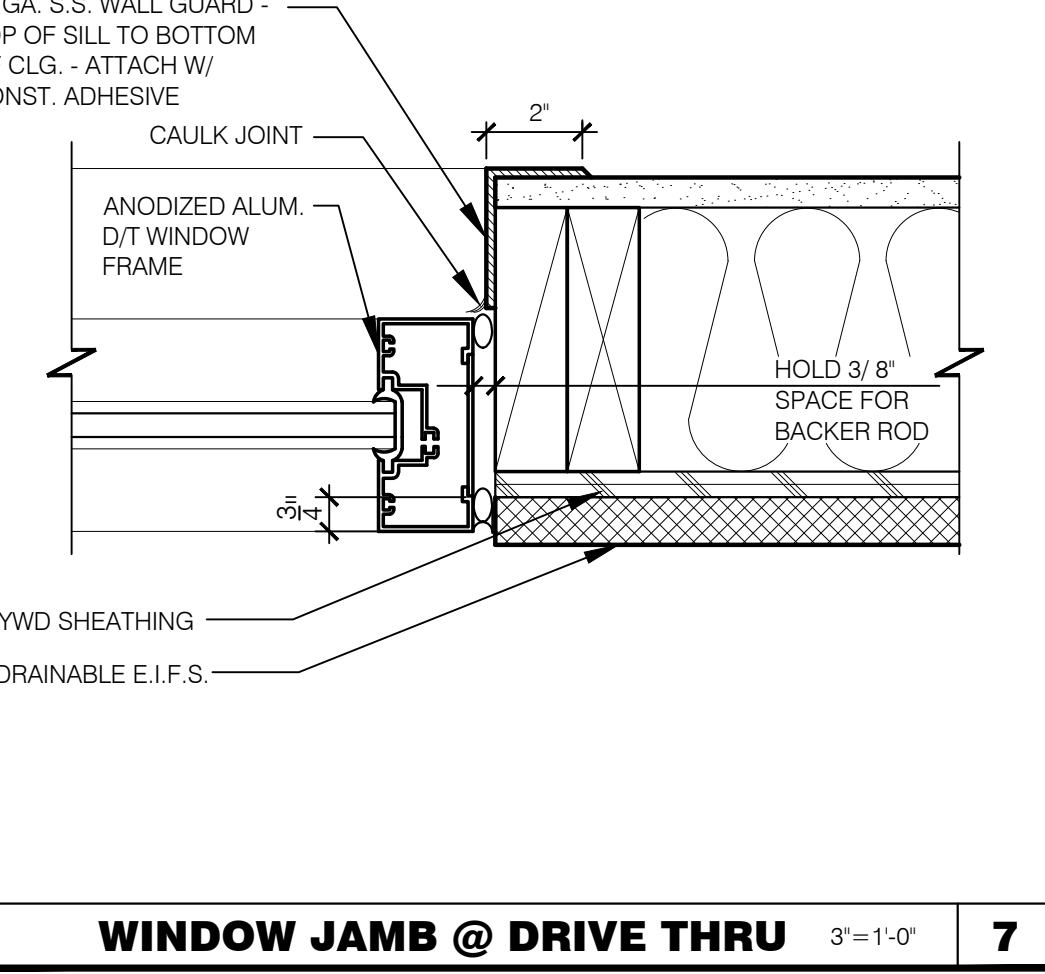
NOT USED. 20



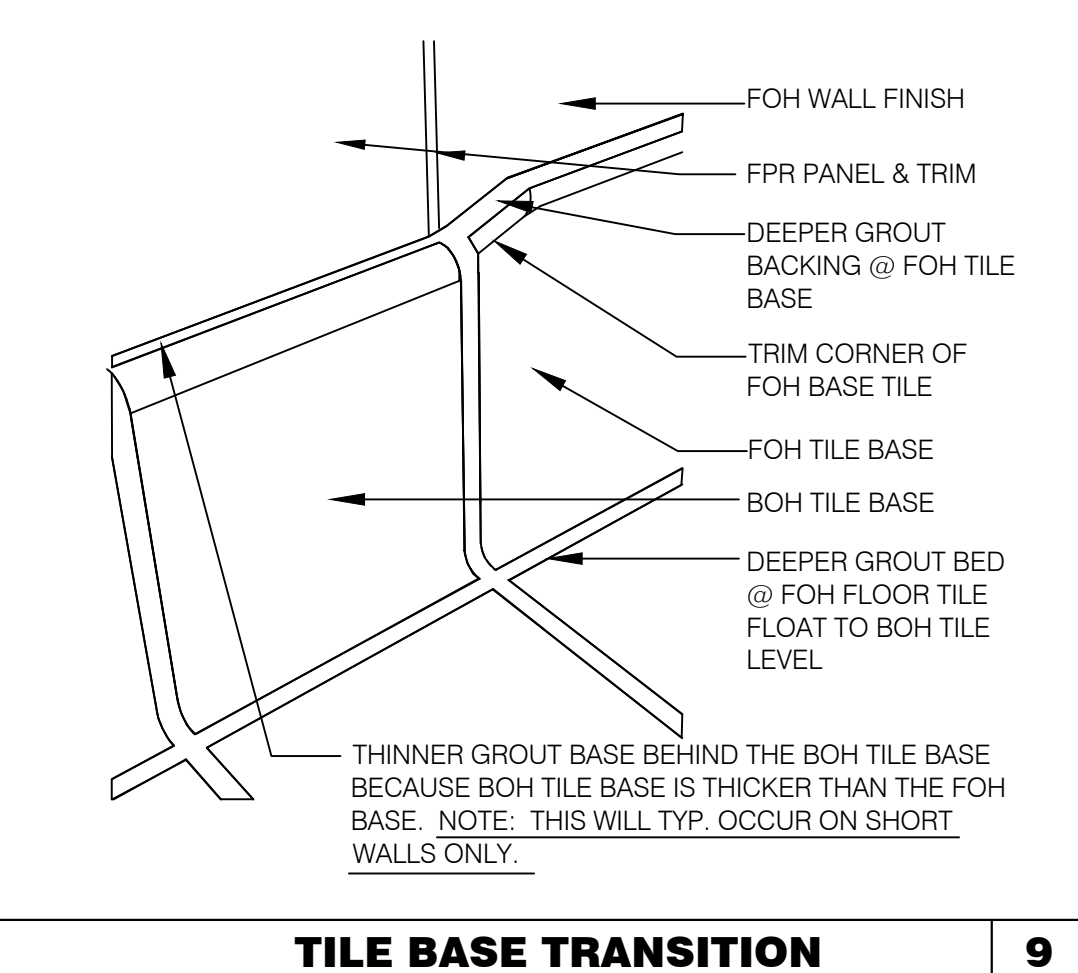
INTERIOR CHASE WALL N.T.S. 14



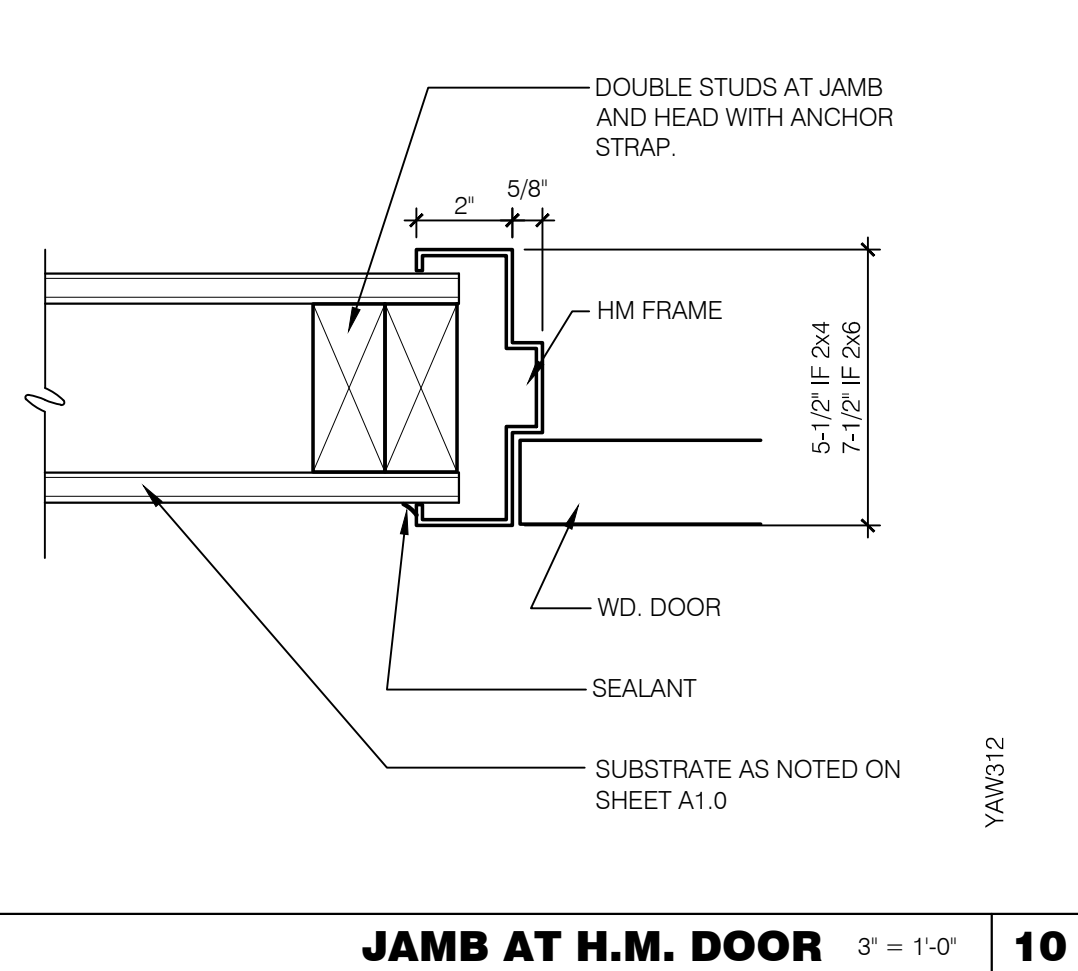
WALL PASS THRU N.T.S. 15



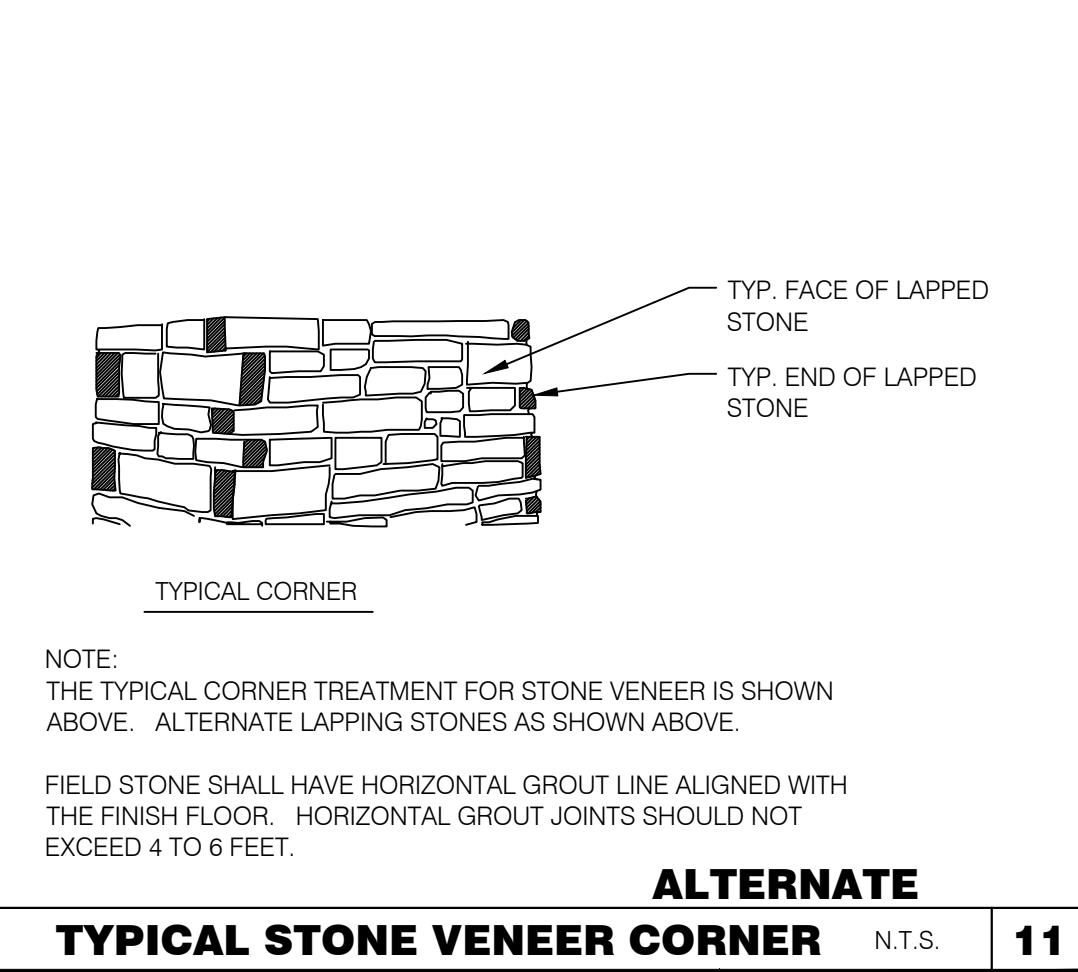
WINDOW JAMB @ DRIVE THRU 3\"/>



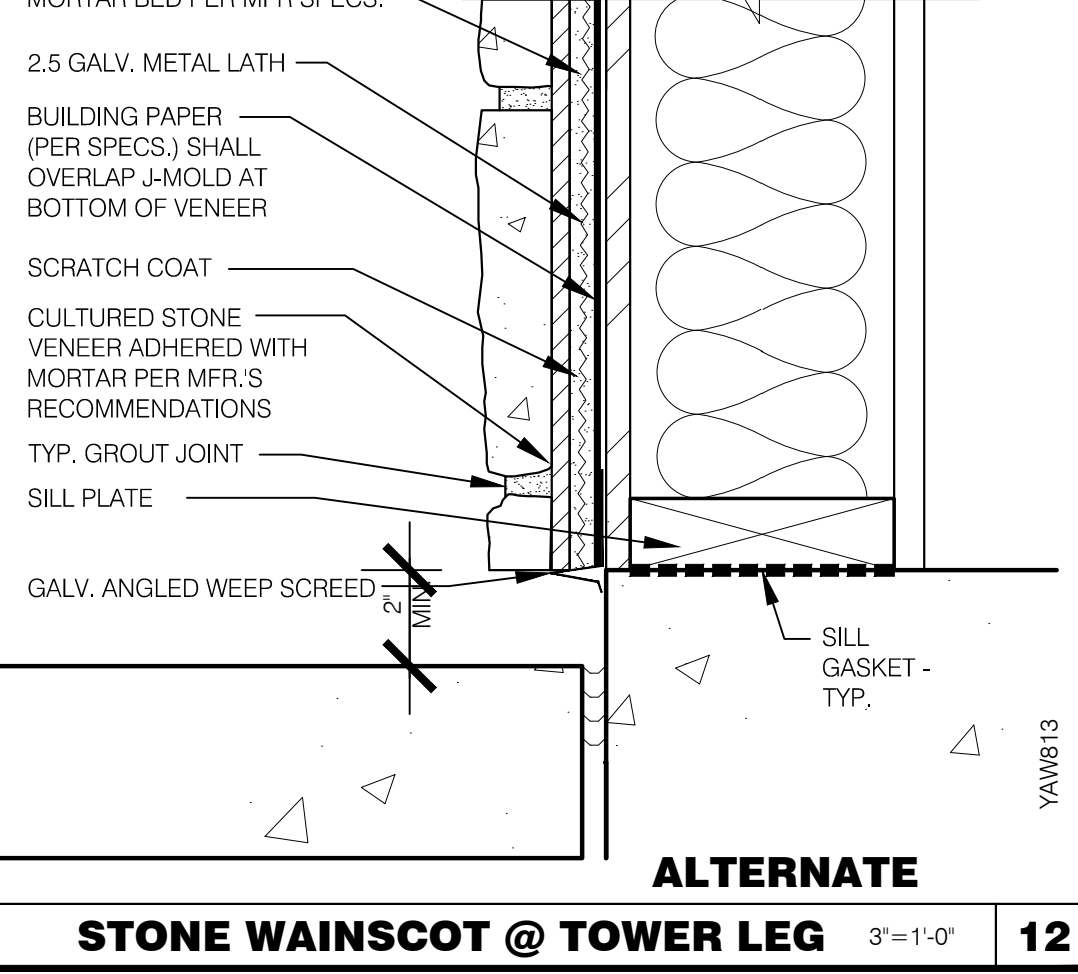
TILE BASE TRANSITION 9



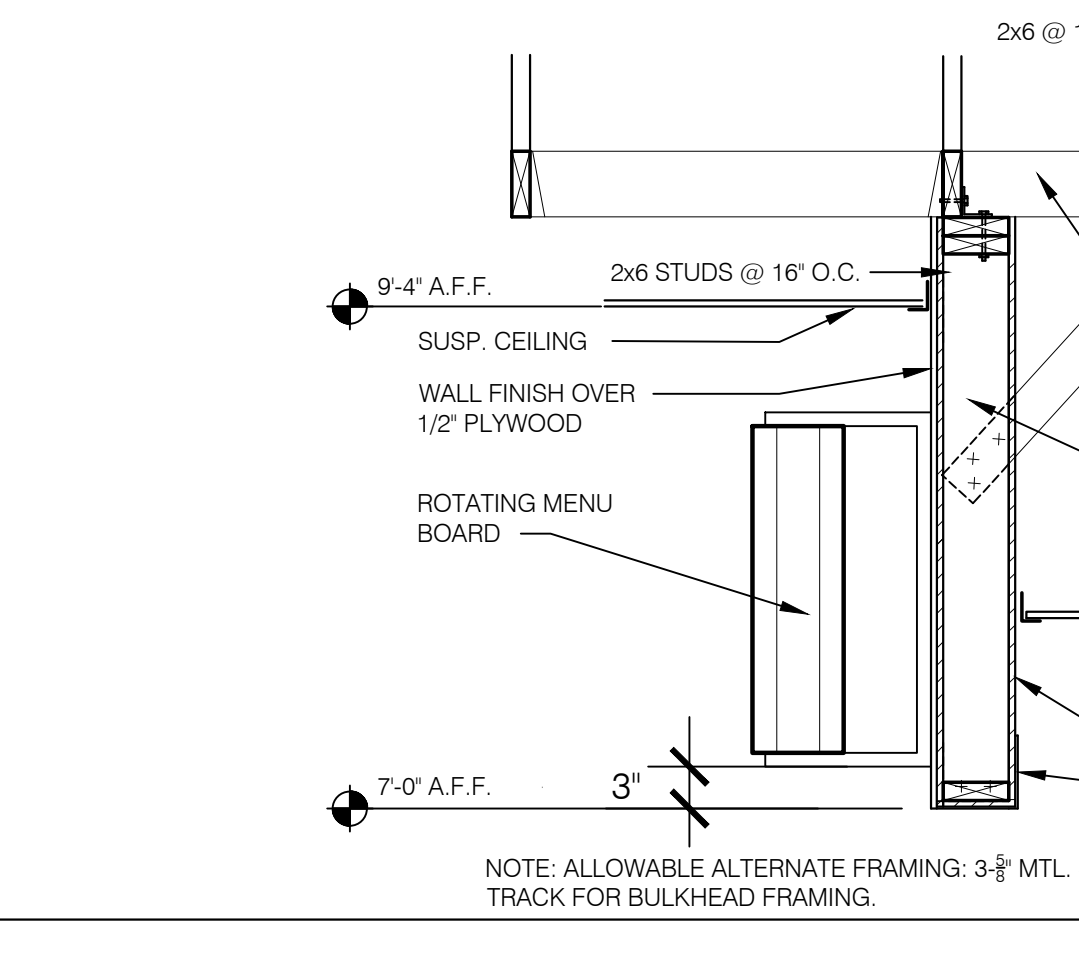
JAMB AT H.M. DOOR 3\"/>



TYPICAL STONE VENEER CORNER N.T.S. 11



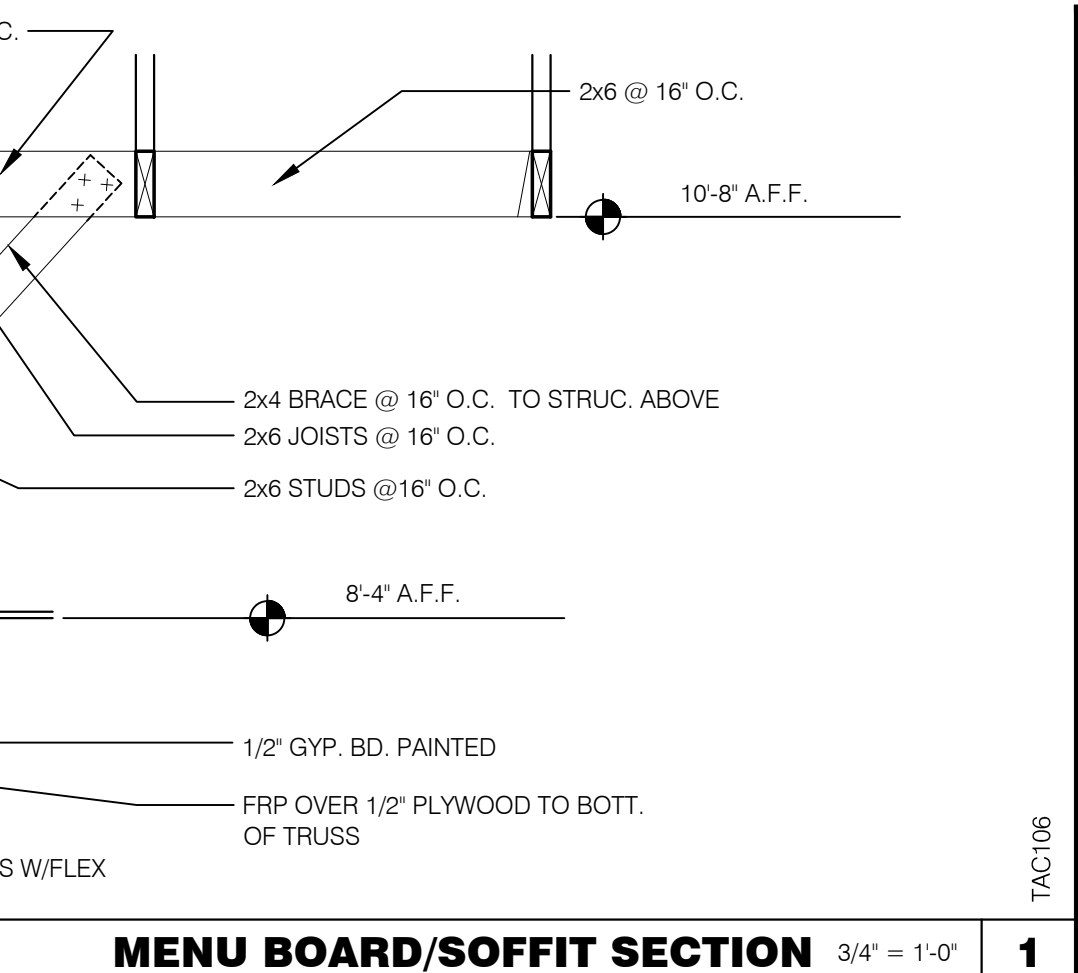
STONE WAINSCOT @ TOWER LEG 3\"/>



MENU BOARD/SOFFIT SECTION 3/4\"/>

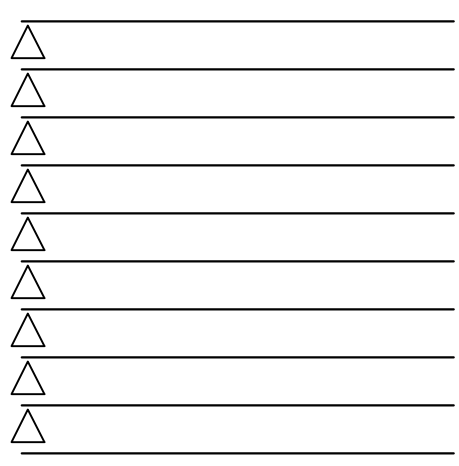


STONE VENEER OUTSIDE CORNER 3\"/>



STONE WAINSCOT @ TOWER LEG 3\"/>

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 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 ~ REV 0
 SITE NUMBER:
 STORE NUMBER:

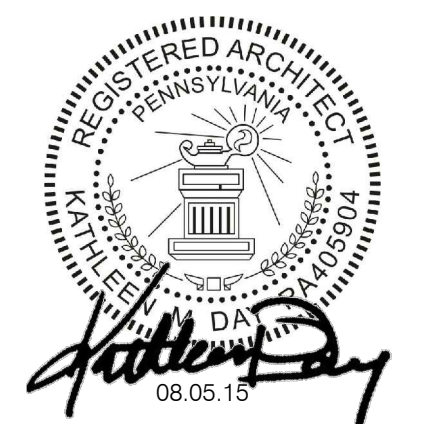
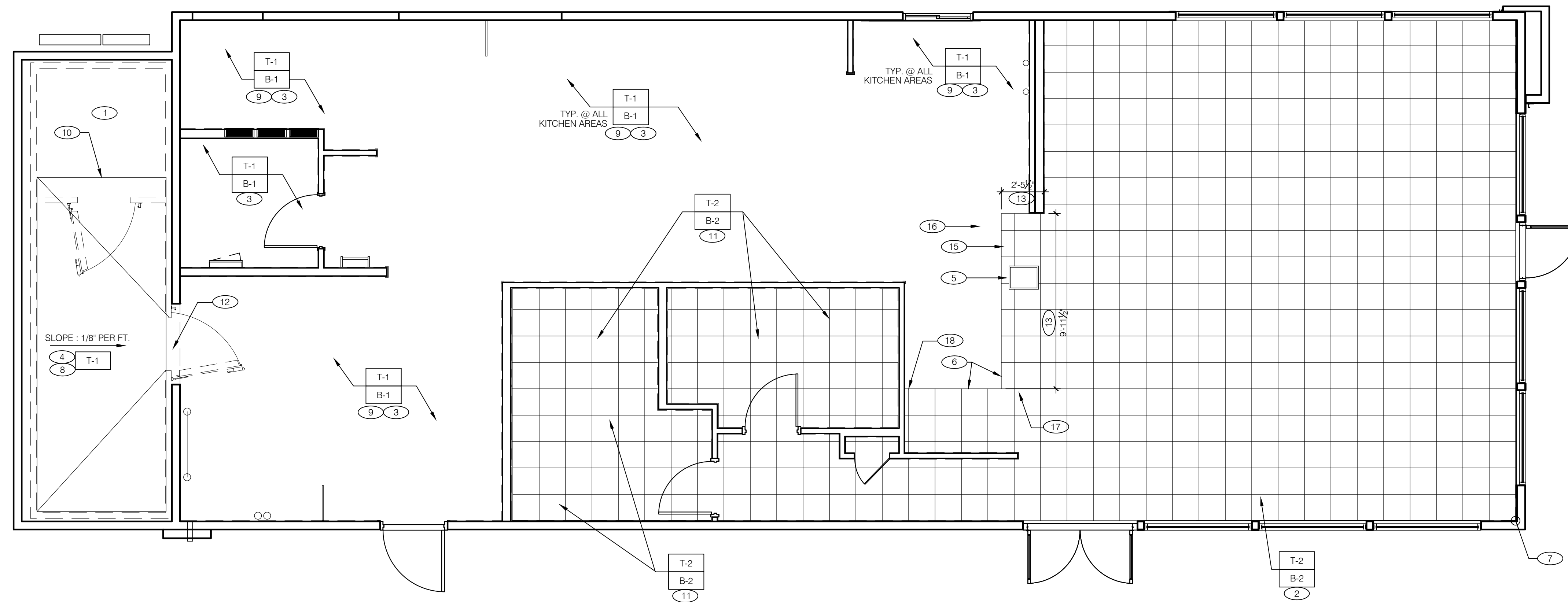
TACO BELL
 US Route 220
 Township of Bedford, PA



CONSTRUCTION DETAILS WALL

A6.4

PERMIT PLOT DATE:



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CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 - REV O
 SITE NUMBER:
 STORE NUMBER:

12 11 10 9 8 7 6 5 4 3 2 1
FLOOR FINISH PLAN 1/4"=1'-0" **A**

A. □ DENOTES FINISH MATERIAL. REFER TO SHT A7.2 FOR FINISHES.
B. TILE JOINTS (J.O.N.):
 1. QUARRY FLOOR TILE : 1/4"
 2. PORCELAIN FLOOR TILE : 3/16"
 3. GLAZED WALL TILE : 1/8"
 4. BASE, TRIM AND ACCESSORIES : MATCH ADJOINING TILE UNITS
C. TILE INSTALLATIONS REQUIRE MANUFACTURERS STANDARD MOLDED CORNERS AT BOTH INSIDE AND OUTSIDE CORNERS.
D. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS UNLESS NOTED OTHERWISE.
E. NOT USED
F. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE.
G. TILE CHIPPING AROUND CORE DRILL HOLES FOR SEATING FIXTURE WILL NOT BE ACCEPTED.

- ① FACTORY FLOOR FINISH (GALV STL) W/ INTEGRAL COVE BASE IN WALK-IN FREEZER.
- ② 6" COVE TILE BASE. SEE DETAILS 6, 8 & 16/A6.3 FOR INSTALLATION.
- ③ 6" SANITARY COVE TILE BASE. SEE DETAILS 4, 11 & 20/A6.3.
- ④ PROVIDE FLOOR TILE INSIDE WALK-IN COOLER AND STORAGE (NO TILE OR BASE IN FREEZER). FLOAT FLOOR TILE IN COOLER TO DRAIN TO KITCHEN. COORD. WITH COOLER WALL CONFIGURATION.
- ⑤ PLATFORM FOR SAFE, COORDINATE WITH A2.0. SEE DETAIL 15/A6.3
- ⑥ FLOOR TILE SHALL TRANSITION AT SERVICE COUNTER WALL.
- ⑦ START POINT FOR FLOOR TILE.
- ⑧ METAL BASE IN COOLER. SEE SCOPE OF WORK - SEE DETAIL 1/A6.3.
- ⑨ REFER TO STRUCT DRAWINGS FOR CONC FLOOR SLOPES AROUND FLOOR DRAINS.
- ⑩ FLOAT FLOOR TILE TO MEET FREEZER FLOOR FLUSH. COORD WITH FREEZER THRESHOLD INSTALLATION.
- ⑪ SANITARY TILE BASE IN RESTROOMS. SEE DETAILS 12/A6.3 FOR INSTALLATION.
- ⑫ FLOAT FLOOR TILE FOR FLUSH TRANSITION.
- ⑬ DIMENSION REPRESENTS LINE OF FLOOR TILE TRANSITION.

- ⑭ NOT USED.
- ⑮ TILE ALIGNED WITH SERVICE CNTR.
- ⑯ COUNTERFRONT RAISED WITH NO COVE BASE.
- ⑰ NO BASE TILE REQUIRED. WALL & BENCH ARE ON LEGS
- ⑱ ALIGN TOP OF B-2 & B-1. SEE 9/A6.4.

NOT USED 3/8"=1'-0" **D**

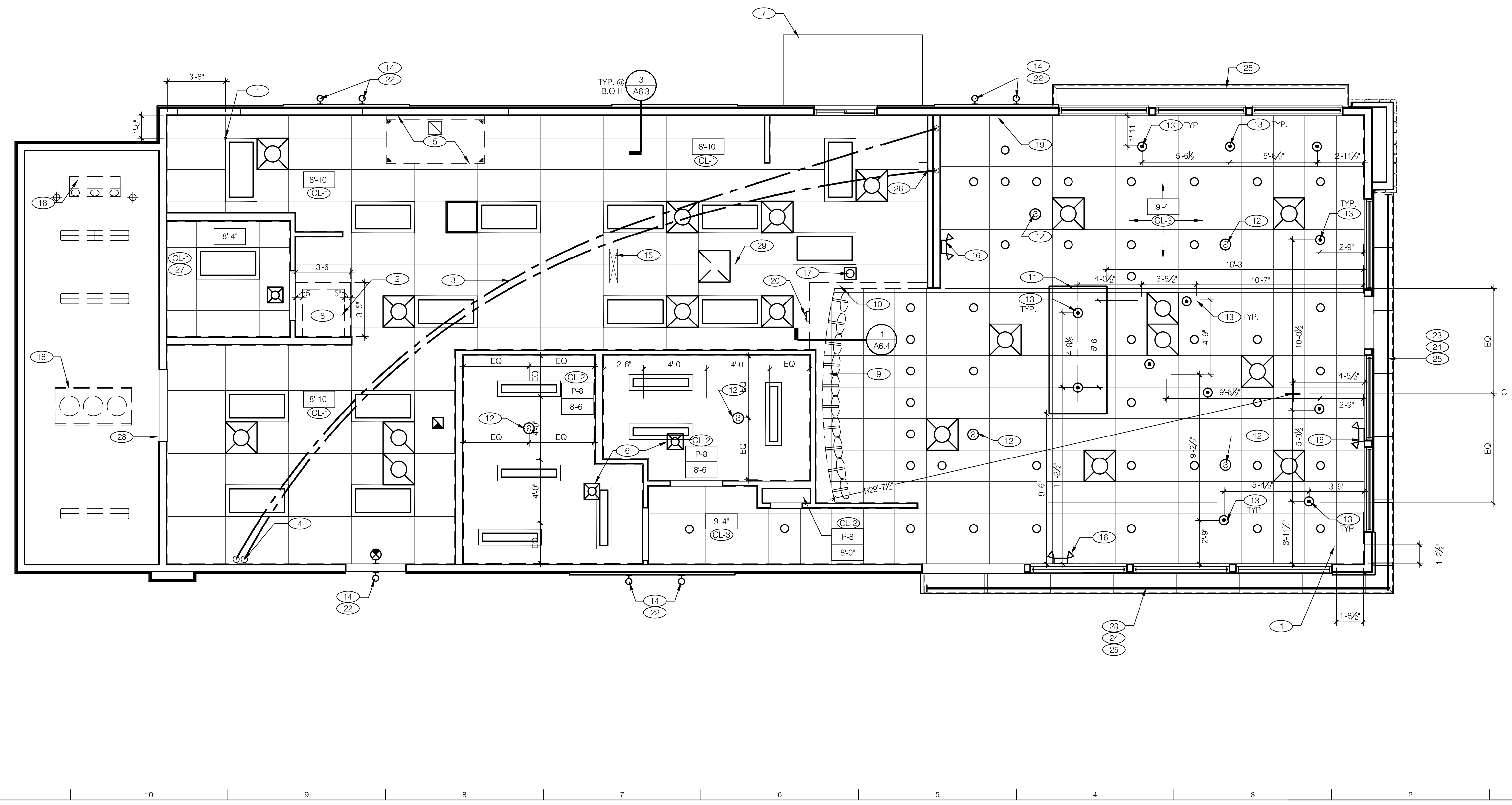
FINISH NOTES **C**

KEY NOTES **B**

TACO BELL
 US Route 220
 Township of Bedford, PA

LIVE MAS
 LARGE50
FLOOR FINISH PLAN
A7.0
 PERMIT PLOT DATE:

THE DINING ROOM CEILING GRID LOCATION MUST BE INSTALLED EXACTLY AS SHOWN IN ORDER TO AVOID CONFLICTS BETWEEN THE TRUSSES AND THE DIFFUSERS



REFLECTED CEILING PLAN 1/4"=1'-0" A

CEILING SYMBOL LEGEND	
	1'-0" x 4'-0" LED TROFFER
	2'-0" x 4'-0" LED LIGHT FIXTURE
	DOWNLIGHT @ WALK-IN (BY WALK-IN MFR.)
	SUSPENDED DOWNLIGHT AT OPEN TRUSS
	PENDANT FIXTURE
	DOWNLIGHT
	EMERGENCY LIGHTS
	EXIT LIGHT (WALL MOUNTED)
	EXIT LIGHT (CEILING MOUNTED)
	PENDANT OR DIRECTIONAL FIXTURE, TRACK MOUNTED
	EXTERIOR WALL FIXTURE
	SPEAKER
	12" EXHAUST FAN
	HVAC RETURN GRILLE
	HVAC SUPPLY DIFFUSER
	HVAC SUPPLY DIFFUSER
	HVAC PERFORATED SUPPLY DIFFUSER
	BACK DOOR SECURITY STROBE LIGHT
	EXTERIOR CANOPY FLUORESCENT LIGHT

DIMENSIONS:
 A. ALL DIMENSIONS ARE TO FACE OF FINISH U.O.N.

CEILING FINISHES:
 A. REFER TO ROOM FINISH SCHEDULE (SHT A7.2) FOR CLG. FINISHES.

SUSPENDED CEILING:
 A. ACOUSTICAL PANEL INSTALLATION: INSTALL ACOUSTICAL PANELS WITH EDGES IN CLOSE CONTACT WITH METAL SUPPORTS AND IN TRUE ALIGNMENT.
 B. ALLOWABLE VARIATIONS FROM FLAT AND LEVEL SURFACE: 1/8" IN 10'-0" MAX.
 C. ALLOWABLE VARIATIONS FROM PLUMB OF GRID MEMBERS: AS CAUSED BY ECCENTRIC LOADS, 2" MAX.
 D. INSTALL SYSTEM AFTER MAJOR ABOVE CLG. WORK IS COMPLETE. COORD LOCATIONS OF HANGERS WITH RELATED WORK.
 E. SEE SPECS FOR ADDITIONAL INFORMATION.

GYPSUM BOARD CEILING:
 A. SUBSTRATE SHALL BE 1/2" THICK GYP BD.
 B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS.
 GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND FINISHES.

ELECTRICAL:
 A. SEE ELECT. DWGS. FOR FIXTURE SCHED.

- 1 CEILING GRID STARTING POINT.
- 2 BULKHEAD @ 8'-0" A.F.F.
- 3 NON-INSULATED BUNDLED SYRUP LINES FOR DRINK SYSTEM. SEE SCOPE OF WORK. SEE DETAIL 17/A6.4.
- 4 6" DIA PVC STUB THROUGH CEILING, SEE DETAIL 18/A6.4.
- 5 HOOD.
- 6 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHED. (TYP. AT RESTROOMS).
- 7 DRIVE THRU CANOPY.
- 8 ROOF HATCH. SEE 7/A6.0.
- 9 MENU BOARD. SEE SCOPE OF WORK.
- 10 MENU BOARD BULKHEAD - BOTTOM OF SOFFIT AT 7'-0" A.F.F. / SEE DETAIL 1/A6.4.
- 11 PRE-FABRICATED & PRE-FINISHED SOFFIT BY 3RD PARTY VENDOR. PROVIDE CLG. TILES ABOVE SOFFIT. (D.550) (OPTIONAL)
- 12 SPEAKER, CENTER IN CEILING TILE PANEL.
- 13 PENDANT LTG - CENTER OVER TABLE TOP (TYP). COORDINATE WITH DECOR FIELD INSTALLATION.
- 14 EXTERIOR WALL LIGHT FIXTURES, SEE ELEVATIONS AND ELECT. DWGS.
- 15 UTILITY CHASE BY 3RD PARTY VENDOR TO CEILING.
- 16 EMERGENCY DUAL HEAD FIXTURE. SEE ELECT. DWGS.
- 17 SECURITY STROBE LIGHT, REFER TO ELECT. DWGS.
- 18 FAN COIL FOR WALK-IN.
- 19 6" x 6" 18 GA. STAINLESS STEEL CHASE ALONG WALL FOR ICE MACHINE REFRIGERANT LINES: 6" ABOVE CEILING TO TOP OF ICE MACHINE.
- 20 ALERT LIGHT BOX FOR 3-COMP POWER SOAK MOUNTED AT C.L. OF BOX 7-11" AFF
- 21 NOT USED
- 22 ALIGN BOTTOM OF LIGHT FIXTURE MOUNTING PLATE WITH EIFS REVEL / CHANGE IN EIFS THICKNESS.
- 23 DECORATIVE SLAT WALL BY VENDOR. SEE BUILDING ELEVATIONS.
- 24 3 ROWS OF LED LIGHTS BEHIND SLAT WALL. SEE BUILDING SECTIONS.
- 25 ALUMINUM VALANCE. SEE SCOPE OF WORK.
- 26 STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 19/A6.4.
- 27 AS-BUILT PLANS ROLLED UP STORED ABOVE CEILING TILES.
- 28 30"X30" ACCESS OPENING IN REAR WALL ABOVE CEILING. FIN. WITH DRYWALL.
- 29 WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR SCREEN

- 17 SECURITY STROBE LIGHT, REFER TO ELECT. DWGS.
- 18 FAN COIL FOR WALK-IN.
- 19 6" x 6" 18 GA. STAINLESS STEEL CHASE ALONG WALL FOR ICE MACHINE REFRIGERANT LINES: 6" ABOVE CEILING TO TOP OF ICE MACHINE.
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- 22 ALIGN BOTTOM OF LIGHT FIXTURE MOUNTING PLATE WITH EIFS REVEL / CHANGE IN EIFS THICKNESS.
- 23 DECORATIVE SLAT WALL BY VENDOR. SEE BUILDING ELEVATIONS.
- 24 3 ROWS OF LED LIGHTS BEHIND SLAT WALL. SEE BUILDING SECTIONS.
- 25 ALUMINUM VALANCE. SEE SCOPE OF WORK.
- 26 STAINLESS STEEL SYRUP CHASE ON WALL. SEE DETAIL 19/A6.4.
- 27 AS-BUILT PLANS ROLLED UP STORED ABOVE CEILING TILES.
- 28 30"X30" ACCESS OPENING IN REAR WALL ABOVE CEILING. FIN. WITH DRYWALL.
- 29 WATER INLET CHASE FOR CHEESE MELTER SCREWED TO HEATED AIR SCREEN

NOT USED 1/4"=1'-0" F

CEILING SYMBOL LEGEND E

REFLECTED CEILING PLAN NOTES D

KEY NOTES B

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV O
 SITE NUMBER:
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TACO BELL
 US Route 220
 Township of Bedford, PA



REFLECTED CEILING PLAN
 A7.1

PERMIT PLOT DATE:

FLOORING			WALL FINISHES			LAMINATES			CEILINGS			
SYM	DESCRIPTION	ALTERNATE / NOTE	SYM	DESCRIPTION	ALTERNATE / NOTES.	SYM	DESCRIPTION	ALTERNATE/ NOTE	SYM	DESCRIPTION	ALTERNATE / NOTE	
T-1	MFR.: CREATIVE MATERIALS CORP TYPE: CMC #308 DURAAQUARRY NON-ABRASIVE COLOR: RED SIZE: 6"x6" GROUT: CMC #H141 FLASH WALNUT EPOXY	MFR.: DAL TILE TYPE: QUARRY #0040 NON ABRASIVE COLOR: RED BLAZE SIZE: 6"x6" GROUT: CUSTOM #95 SABLE BROWN EPOXY	P-1	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGG SHELL LATEX COLOR: SW7069 IRON ORE (DK. GREY) PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC (PAINT FOR CL-1)		WC-4	MFR.: FORBO TYPE: MARMOLEUM COLOR: 3141 HIMALAYA	ANODIZED CORNER GUARDS AND J-MOLDS BY NATIONAL METAL SHAPES (DARK BRONZE). INTERMEDIATE VERTICAL TRIM BY DECOR VENDORS PAINTED SAME COLOR AS WALL PANEL.	CL-1	MFR.: CERTAINTEED TYPE: VINYLROCK #1140, WASHABLE NON-PERFORATED, 24"x48"x1/2" COLOR: WHITE GRID: WHITE SUSPENSION GRID W/ ALUMINUM FACE NOTE: FLAME SPREAD RATING 0-25, CLASS A	MFR.: US GYPSUM CO. TYPE: CLIMAPLUS LAY-IN CEILING PANEL COLOR: FLAT WHITE #050, VINYL 3270 NOTE: 24"x48" SEE SPECIFICATIONS	
T-1-ATL	MFR.: DUR-A-FLEX TYPE: POLYCRETE WITH 6" INTEGRAL BASE** COLOR: GRAY CONTACT: BLACK BEAR COATINGS & CONCRETE JUSTIN TOUSIGNANT - 978.490.0708	**DURA-FLEX ALTERNATE TILE WITH INTEGRAL BASE. MUST BE APPROVED BY ARCHITECT AND CHARTER FOODS. NO ADDITIONAL BASE IS REQUIRED.	P-2	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGG SHELL LATEX COLOR: SW6657 'AMBER WAVE' PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC (ORANGE)	P-2	MFR.: SHERWIN WILLIAMS TYPE: SEMI-GLOSS LATEX COLOR: SW6657 'AMBER WAVE' PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC (ORANGE) NOTE: HIGH-GLOSS DOOR FRAMES	WC-5	MFR.: FORBO TYPE: MARMOLEUM COLOR: 173 PAVING	ANODIZED CORNER GUARDS AND J-MOLDS BY NATIONAL METAL SHAPES (DARK BRONZE). INTERMEDIATE VERTICAL TRIM BY DECOR VENDORS PAINTED SAME COLOR AS WALL PANEL.	CL-2	MFR.: GYPSUM BOARD	
T-2	MFR.: CREATIVE MATERIALS CORP. TYPE: PORCELAIN TILE ANTIQUE COLOR: SUNSET SIZE: 18"x18" OR 12"x12" GROUT: CMC #H141 FLASH WALNUT	MFR.: DAL TILE TYPE: TERRA ANTICA CERAMIC TILE COLOR: ROSSO TA02 SIZE: 18"x18" OR 12"x12" GROUT: CUSTOM #95 SABLE BROWN	P-3	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGG SHELL LATEX COLOR: SW6510 'LOYAL BLUE' PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC (BLUE)		FRP-1	MFR.: MARLITE TYPE: FIBERGLASS REINFORCED PANEL COLOR: FP-100 WHITE (PEBBLED FINISH) NOTE: NO COLOR VARIATIONS ACCEPTED		CL-3	MFR.: USG SUSPENDED CEILING TILE TYPE: 414, FROST, 24x24x1/2" COLOR: FLAT BLACK #205 GRID: ARMSTRONG PRELUDE XL 15/16" EXPOSED TEE COLOR: PRE-PAINTED BLACK	* GRID, VENTS, SPEAKERS TO BE FACTORY PAINTED WITH BLACK	
			P-5	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGG SHELL LATEX COLOR: SW 6839 'KIMONO VIOLET' PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			P-6	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGG SHELL LATEX COLOR: SW 6167 'GARDEN GATE' PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			P-8	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGG SHELL ENAMEL COLOR: SW6116 'TATAMI TAN' PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			P-9	MFR.: SHERWIN WILLIAMS TYPE: SATIN / EGG SHELL ENAMEL COLOR: SW6108 'LATTE' PRIMER: #023 (WHITE) FRESH START 100% ACRYLIC								
			S-1	MFR.: WILSONART TYPE: SOLID SURFACE COLOR: AVALANCHE MELANGE #9175ML								
			TM-1	MFR.: OLYMPIC PREMIUM WOOD STAIN TYPE: CHAIR RAIL COLOR: 'AMERICAN CHERRY'	TM-1	MFR.: DALYS WOOD STAIN TYPE: CHAIR RAIL COLOR: DALYS #45 1 x 2 SOLID MAPLE						
			TM-2	MFR.: SCHLUTER TYPE: RONDEC RO80AE 3/8" TILE EDGE TRIM COLOR: SATIN ANNOIDIZED ALUMINUM								
			WT-1	MFR.: NOT USED TYPE: COLOR:								

WALL BASE			MILLWORK			DOORS				
SYM	DESCRIPTION	ALTERNATE / NOTE	SYM	DESCRIPTION	ALTERNATE / NOTE	SYM	DESCRIPTION	ALTERNATE/ NOTE		
B-1	MFR.: CREATIVE MATERIALS CORP TYPE: DURAAQUARRY #Q3565 COLOR: RED TO MATCH T-1 SIZE: 5" x 6" GROUT: CMC #H141 FLASH WALNUT	MFR.: AMERICAN OLEAN TYPE: QUARRY #Q01 COLOR: RED TO MATCH T-1 SIZE: 5" x 6" GROUT: #95 SABLE BROWN - NON EPOXY	WT-2	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE COLOR: LINES GOLD SIZE: 12"x12" AT RESTROOMS GROUT: CMC #H163 LINEN NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL	MFR.: DAL TILE TYPE: 12"x24" FABRIQUE LINE COLOR: SOLEIL LINEN P687 UNPOLISHED SIZE: 12"x12" AT DINING RM. GROUT: MAPEI #06 'HARVEST'	PL-1	MFR.: NEVAMAR TYPE: WM-8-350T COLOR: CARMEL SAGAWOOD	DL-1	MFR.: NEVAMAR TYPE: WM-8-350T COLOR: CARMEL SAGAWOOD	* DOOR EDGES SHALL BE FINISHED SIMILAR TO FACES
B-2	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE ANTIQUE COLOR: SUNSET SIZE: 6"x12" COVED BASE GROUT: CMC #H141 FLASH WALNUT	MFR.: DAL TILE TYPE: TERRA ANTICA CERAMIC TILE COLOR: ROSSO TA-02 SIZE: 6"x12" COVED BASE GROUT: CUSTOM #95 SABLE BROWN	WT-4	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE COLOR: LINES GOLD SIZE: 12"x24" AT DINING RM. GROUT: CMC #H163 LINEN NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL	MFR.: DAL TILE TYPE: 12"x24" FABRIQUE LINE COLOR: SOLEIL LINEN P687 UNPOLISHED SIZE: 12"x24" AT DINING RM. GROUT: MAPEI #06 'HARVEST'			DL-2	MFR.: BOBRICK TYPE: SIERRA SERIES 1090 COLOR: SC03 'TERRA COTTA' SOLID COLOR REINFORCED COMPOSITE	
		**DURA-FLEX ALTERNATE TILE WITH INTEGRAL BASE. MUST BE APPROVED BY ARCHITECT AND CHARTER FOODS. NO ADDITIONAL BASE IS REQUIRED.	WT-5	MFR.: CREATIVE MATERIALS CORP TYPE: PORCELAIN TILE COLOR: LINES GOLD SIZE: 3"x12" BULLNOSE GROUT: CMC #H163 LINEN NOTE: TILE TO BE INSTALLED WITH THE GRAIN HORIZONTAL	MFR.: DAL TILE TYPE: FABRIQUE LINE COLOR: SOLEIL LINEN P687 UNPOLISHED SIZE: 3"x12" SHAPE NUMBER P-43C9 GROUT: MAPEI #06 'HARVEST'			DL-3	MFR.: NEVAMAR TYPE: S702T COLOR: SMOKY WHITE * DOOR EDGES SHALL BE FINISHED SIMILAR TO FACES	ALTERNATE : FORMICA 933-58 MISSION WHITE

- INSTALL FRP ON KITCHEN SIDE OF SERVING COUNTER WALL.
- GALV STEEL WALL AND CEILING FINISHES BY WIC / WIF BOX MFR.
- REFER TO INTERIOR ELEVATIONS FOR LOCATIONS OF TILE AND FRP.
- FOR FINISH LOCATIONS REFER TO: SHEETS A4.0 & A4.1 - EXTERIOR ELEVATIONS SHEET A7.0 - FLOOR FINISH PLAN SHEET A7.1 - REFLECTED CEILING PLAN SHEETS A8.0 TO A8.3 - INTERIOR ELEVATIONS
- APPROVED PAINT MANUFACTURERS: PORTER, BENJAMIN MOORE, SHERWIN WILLIAMS, ICI, & PITTSBURGH PAINTS. MATCH SPECIFIED SCHEDULE COLORS EXACTLY.
- ALL PAINTED GYPSUM BOARD SHALL HAVE A LIGHT ORANGE PEEL TEXTURE
- ALL MORTAR SHALL BE MIXED WITH WHITE SAND TO INSURE A COLOR CONSISTENT TO THE ORIGINAL DESIGN INTENT

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NATIONAL METAL SHAPES
 Russel Day
 800-837-9559

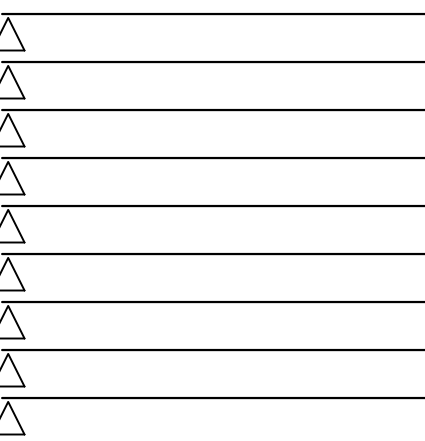
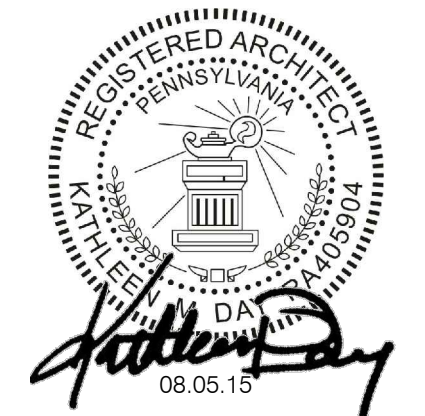
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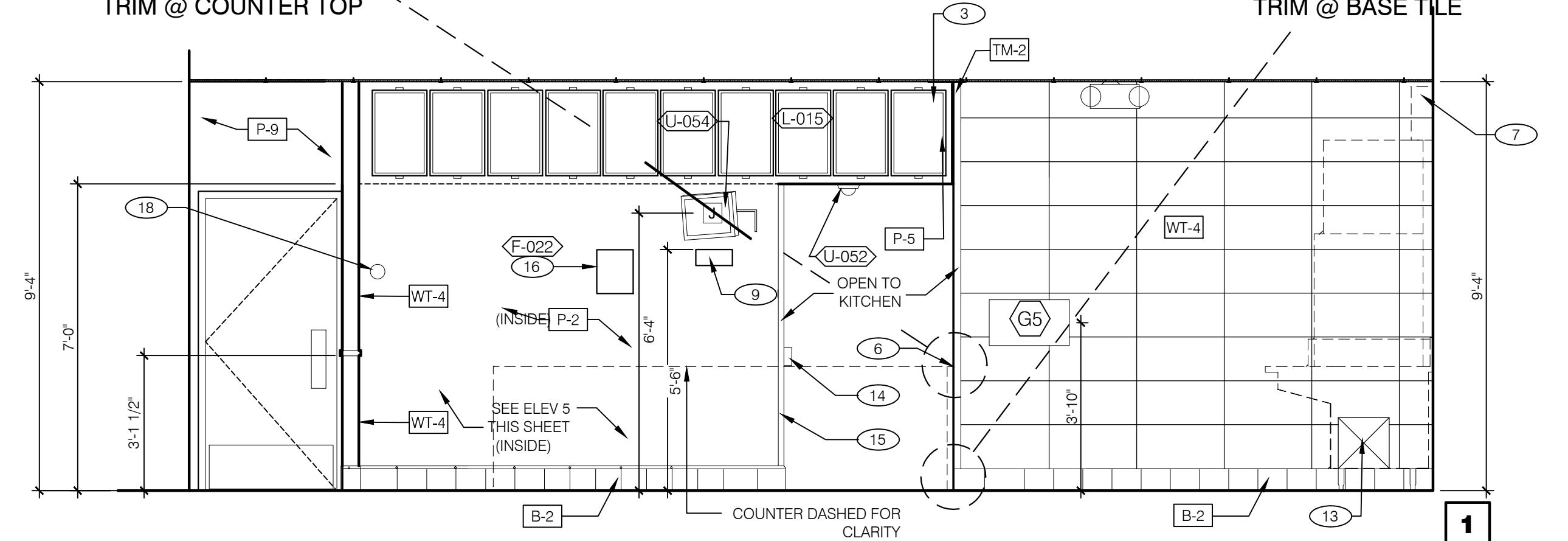
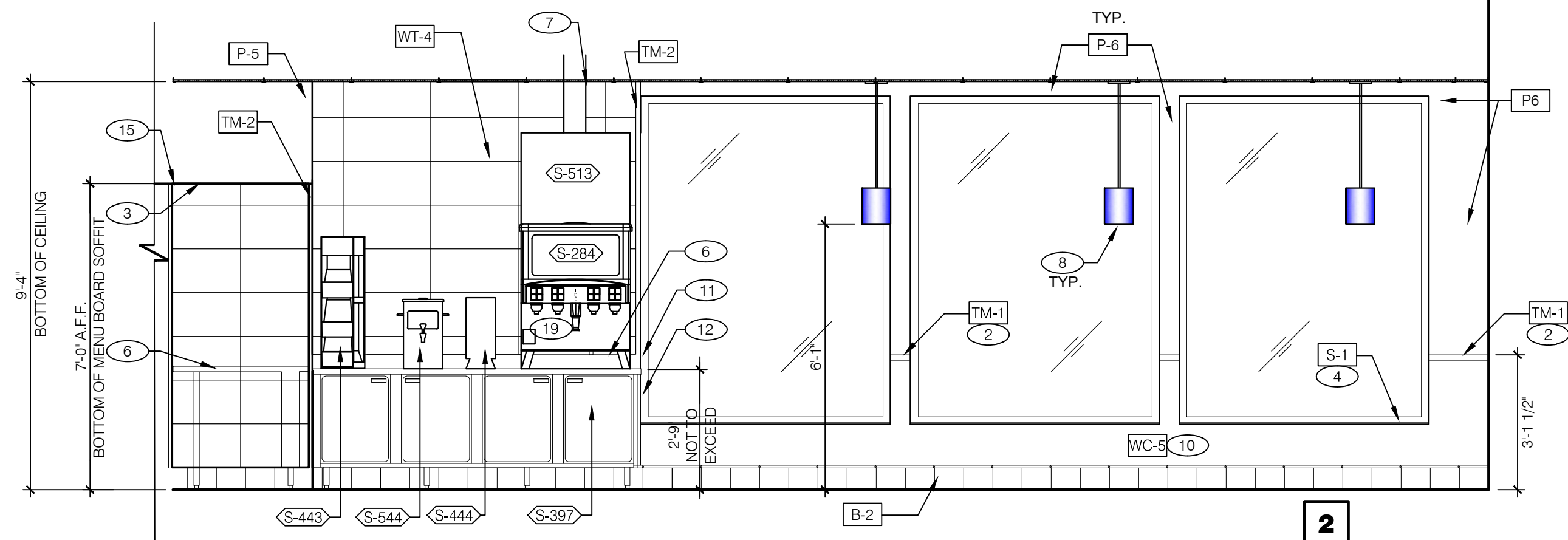
LIVE MAS

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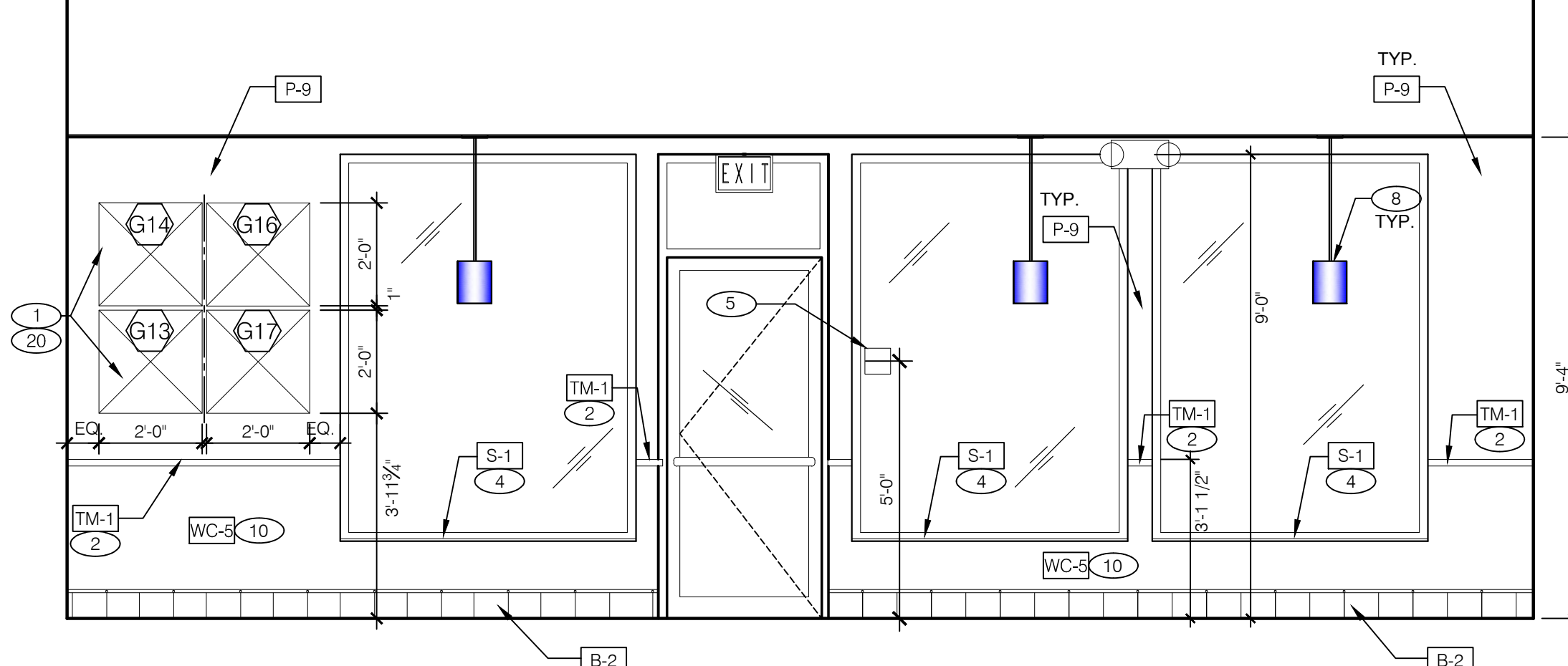
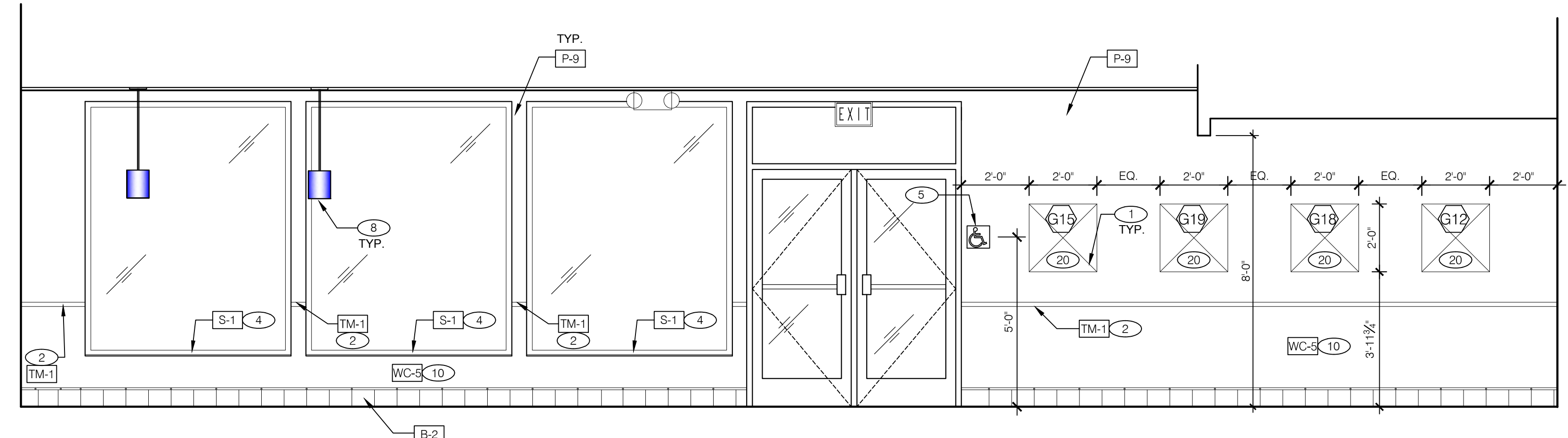
FINISH SCHEDULE

A7.2

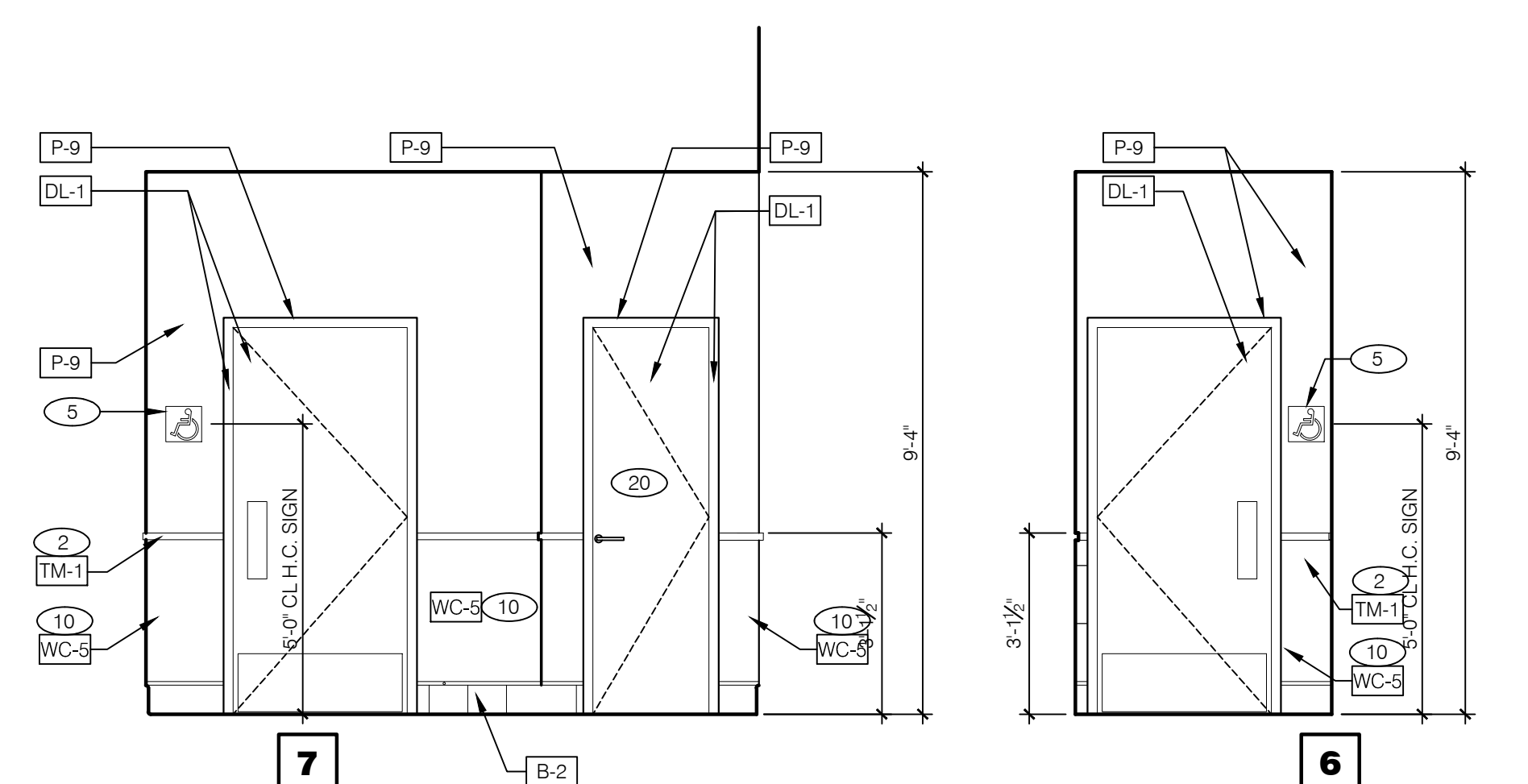
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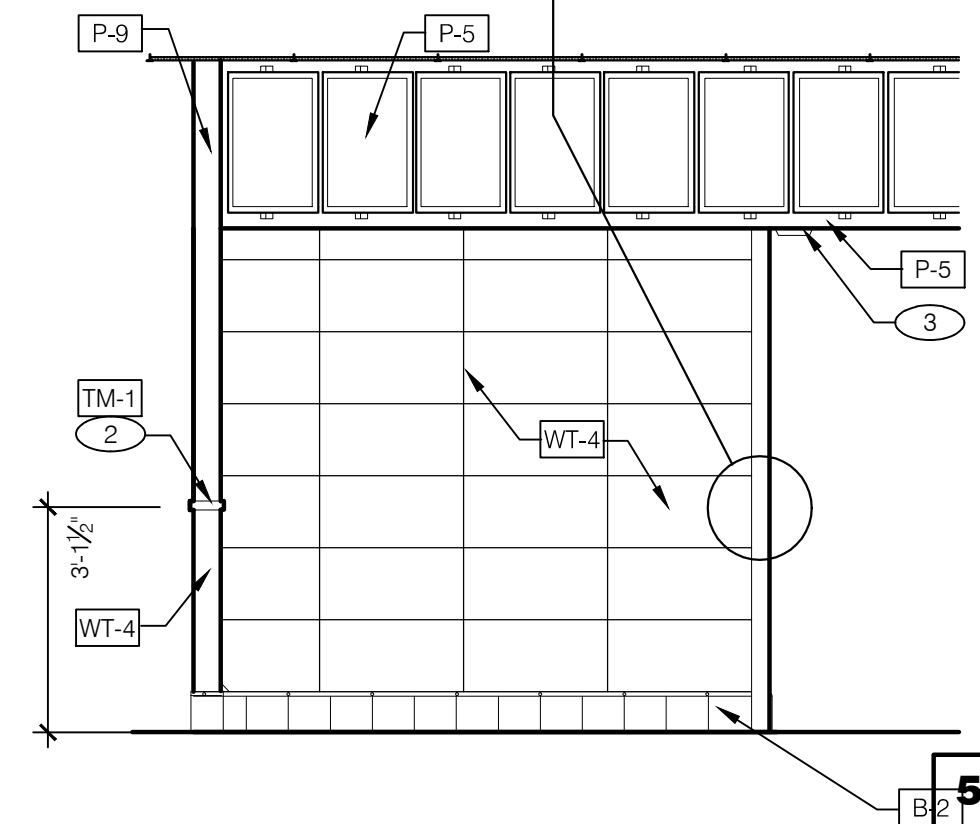
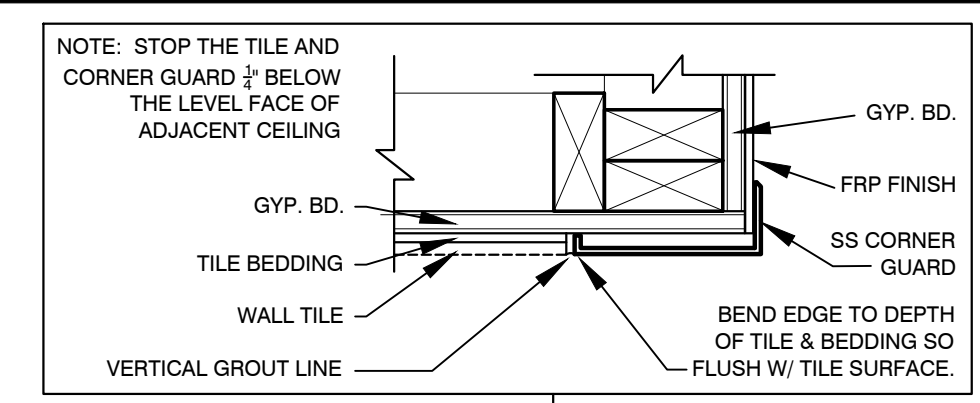
DINING 3/8"=1'-0"



DINING 3/8"=1'-0"



PASSAGE 3/8"=1'-0"



A. ENSURE THAT ALL SERVING COUNTERS, BEVERAGE COUNTERS AND CONDIMENT COUNTERS DO NOT EXCEED 34" MAXIMUM HEIGHT A.F.F.
 B. ENSURE THAT THE INSTALLATION / PLACEMENT OF ALL CONDIMENTS, LIDS, UTENSILS, ETC., ARE IN COMPLIANCE WITH THE REACH-RANGES PROVIDED ON SHEET ADA1.0.

GENERAL NOTES B

- 1 FOR ARTWORK DESCRIPTION, REFER TO ARTWORK SCHEDULE ON SHEET A2.0.
- 2 CHAIR RAIL. REFER TO DETAIL 18/A6.3.
- 3 MENUBOARD BULKHEAD.
- 4 WINDOW SILL.
- 5 H.C. SIGNAGE
- 6 PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUT WALL SURFACES. WHERE GAP BETWEEN WALL AND COUNTER SPLASH / EQUIPMENT EXCEEDS 1/4", PROVIDE S.S. CLOSURE ANGLE.
- 7 6" X6" 18 GAUGE STAINLESS STEEL CHASE.
- 8 DROP PENDANT LIGHT FIXTURE. SEE SCOPE OF WORK AND SHEET E4.0.
- 9 "PLEASE ASK IF YOU NEED ASSISTANCE" SIGN. SMALLWARE PACKAGE.
- 10 REFER TO 13, 14 & 17/A6.3 FOR WAINSCOT INSTALLATION.
- 11 START CHAIR RAIL. SEE SHT. A1.0 FOR DIMENSIONS.
- 12 OMIT CHAIR RAIL BEHIND DRINK STATION.
- 13 OPENING FINISHED WITH FRP FOR SYRUP TUBES. SEE 11/A6.4 AND SHEET A1.0.
- 14 SECURITY SYSTEM KEYPAD, SEE E5.0.
- 15 SS CORNER/ END WALL CHANNEL GUARD, FULL HEIGHT. SEE 19/A6.3 & 5/A8.0.
- 16 NOT USED.
- 17 NOT USED.
- 18 TEMPERATURE SENSOR. SEE MECHANICAL DRAWINGS.
- 19 BOTTOM OF BEVERAGE AND ICE DISPENSING LEVERS SHALL BE NO HIGHER THAN 42" A.F.F.
- 20 24"x24" ART PANELS.

KEY NOTES A



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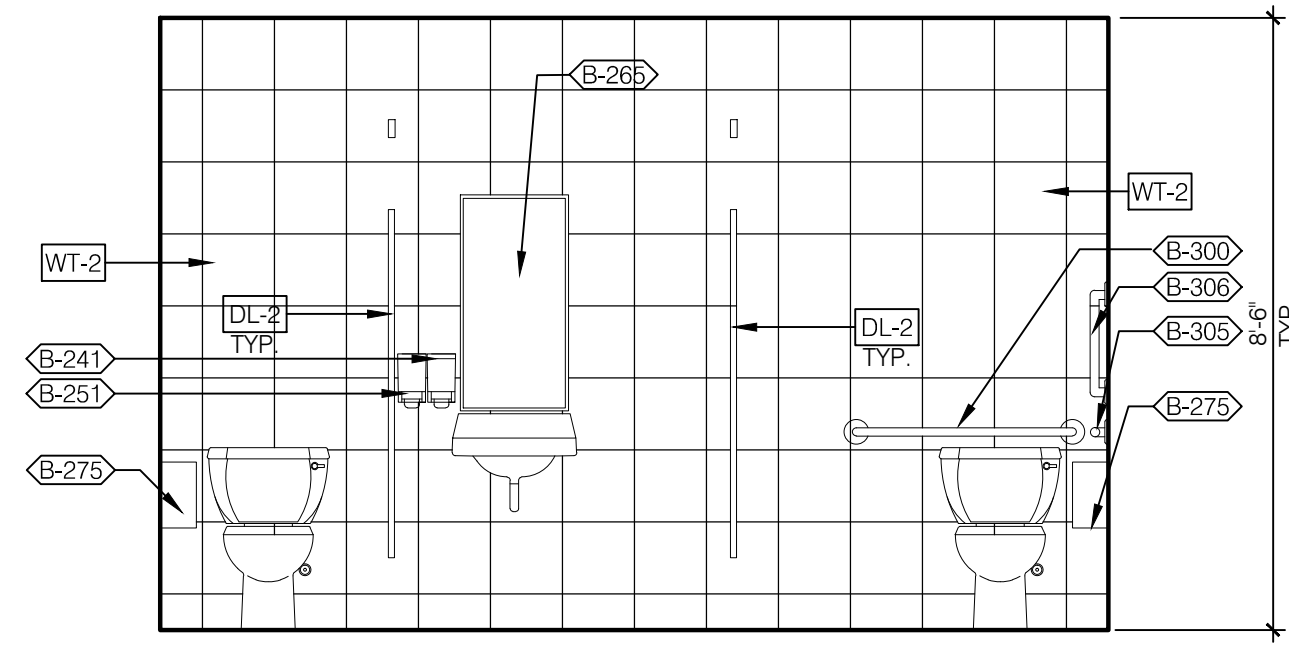
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 US Route 220
 Township of Bedford, PA



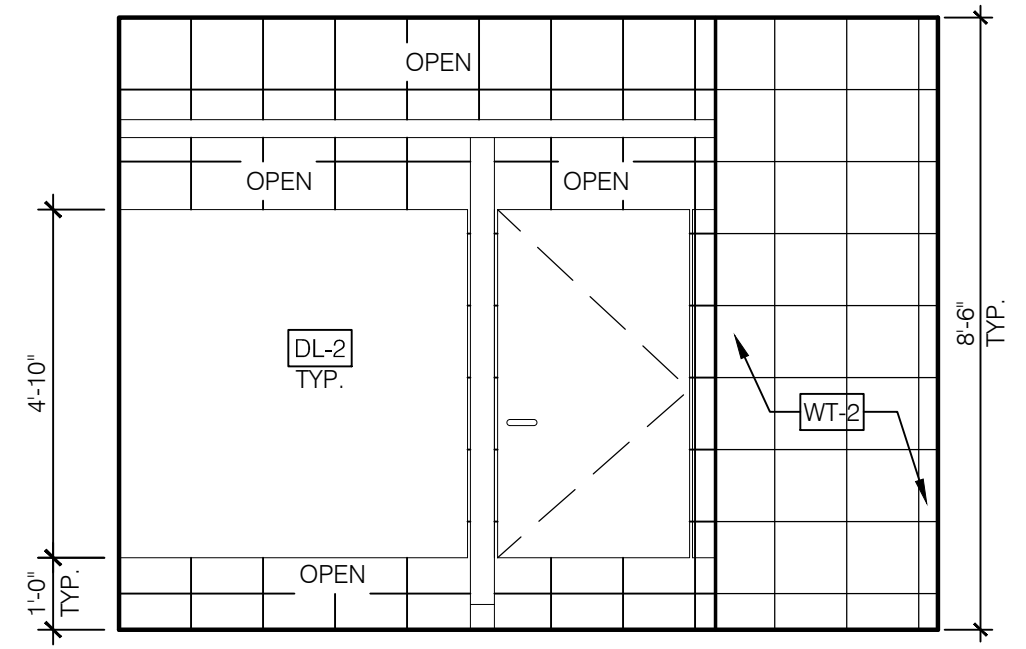
INTERIOR ELEVATIONS DINING ROOM

A8.0

PERMIT PLOT DATE:



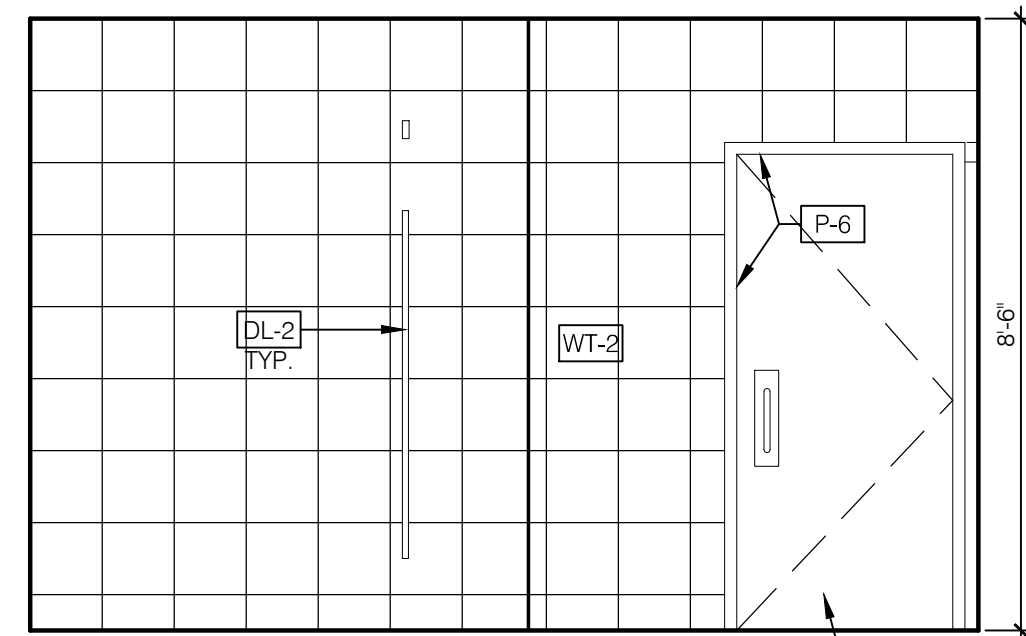
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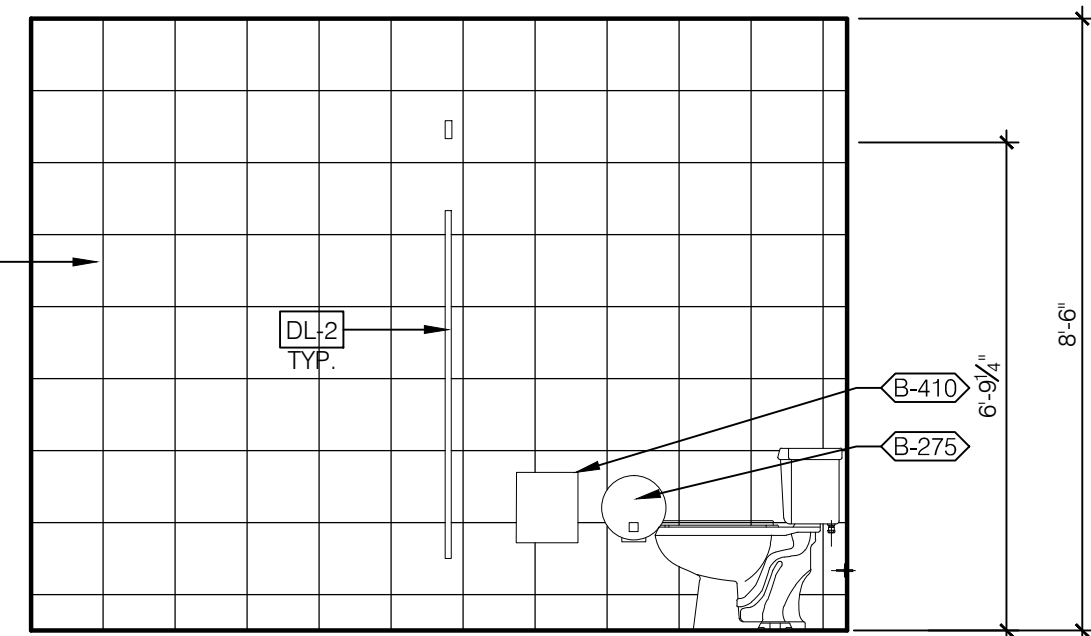
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***NOTE:
COORDINATE THE LOCATION AND MOUNTING HEIGHTS FOR ALL FIXTURES, GRAB BARS AND ACCESSORIES WITH SHEET ADA1.0 TO ENSURE COMPLIANCE WITH ADA / LOCAL JURISDICTION MINIMUM ACCESSIBLE REQUIREMENTS.

WOMEN'S RESTROOM 3/8" = 1'-0"



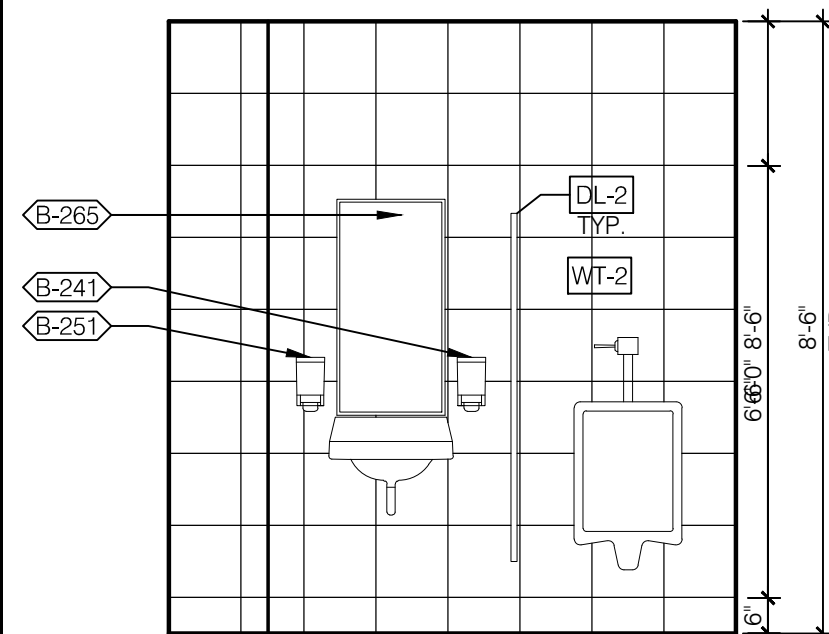
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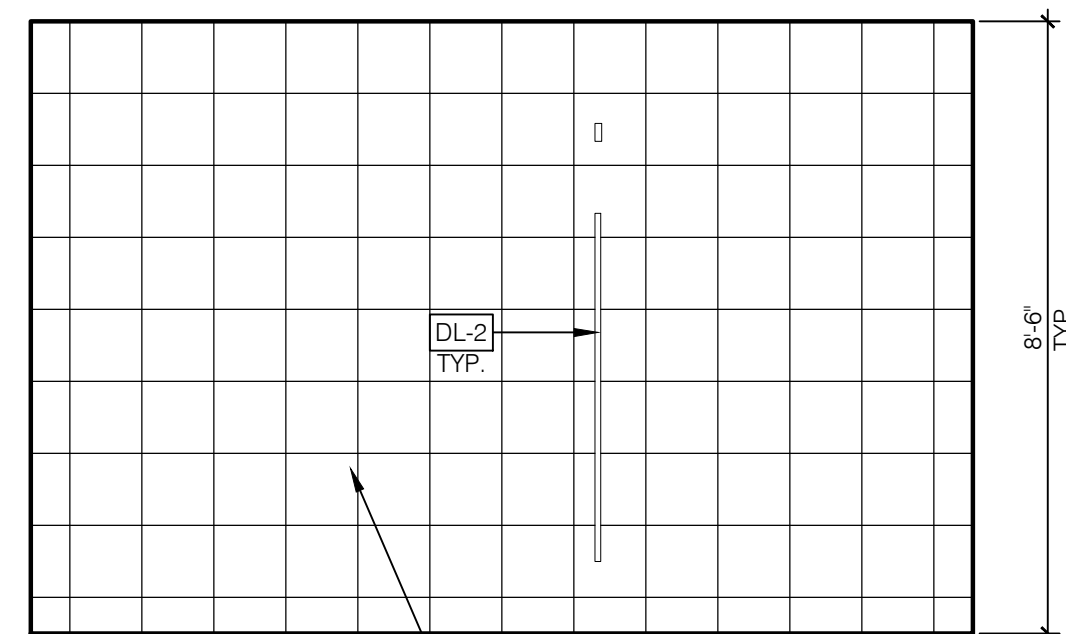
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***NOTE:
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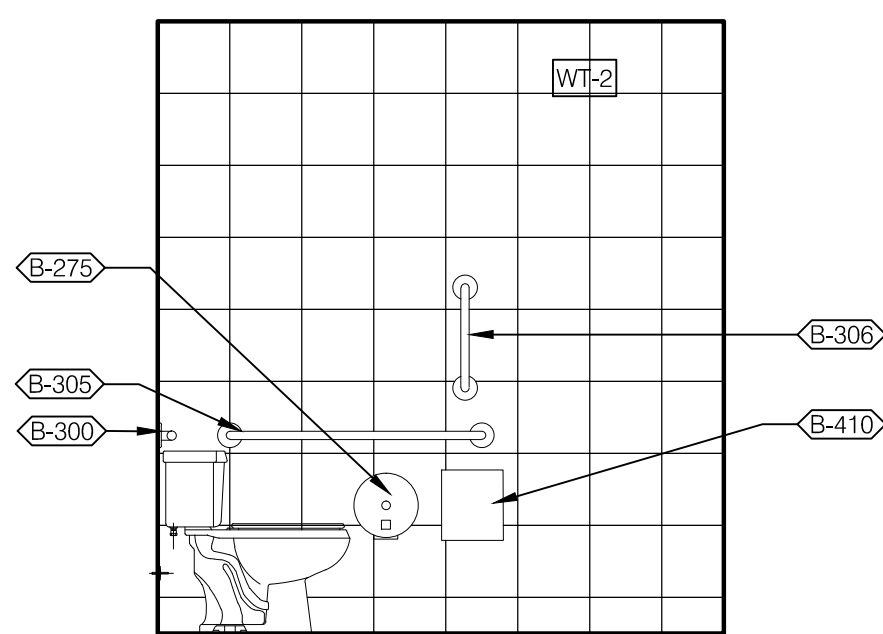
WOMEN'S RESTROOM 3/8" = 1'-0"



7



6

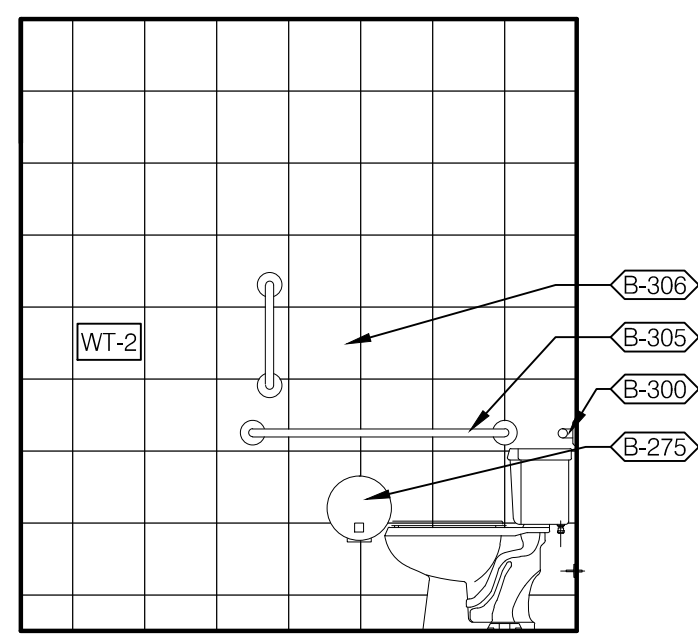


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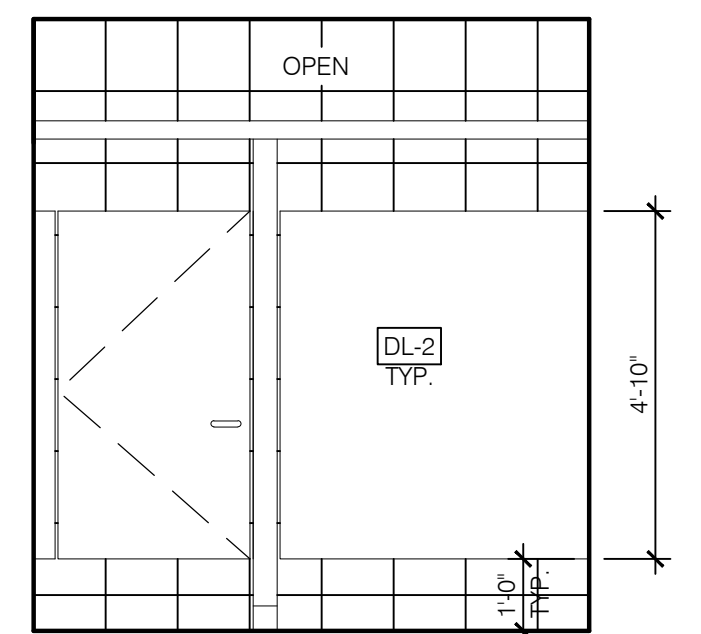
***NOTE:
COORDINATE THE LOCATION AND MOUNTING HEIGHTS FOR ALL FIXTURES, GRAB BARS AND ACCESSORIES WITH SHEET ADA1.0 TO ENSURE COMPLIANCE WITH ADA / LOCAL JURISDICTION MINIMUM ACCESSIBLE REQUIREMENTS.

MEN'S RESTROOM 3/8" = 1'-0"

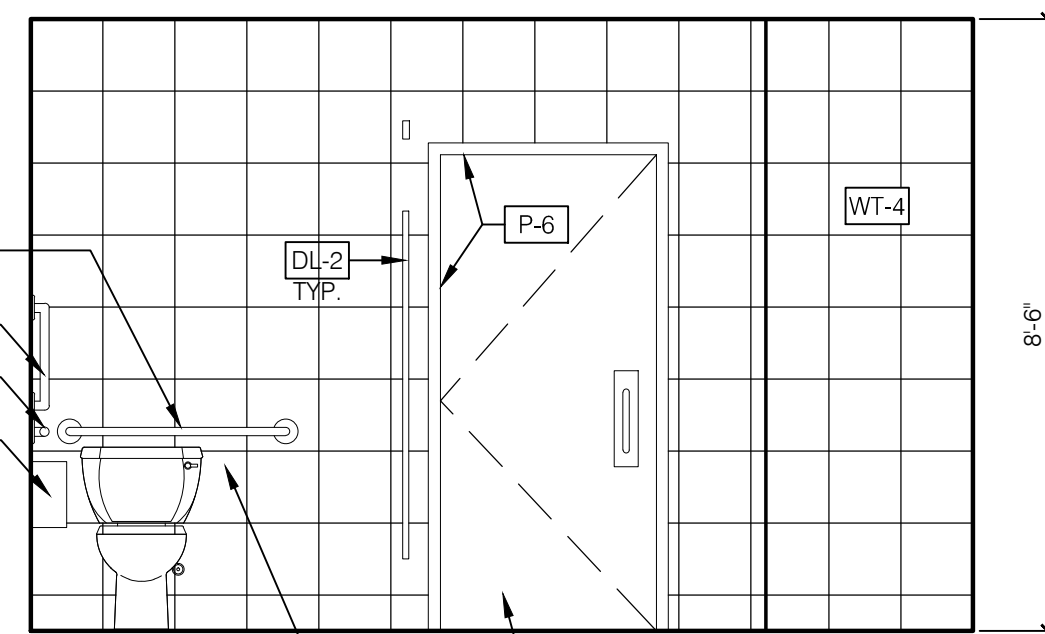
WOMEN'S RESTROOM 3/8" = 1'-0"



10



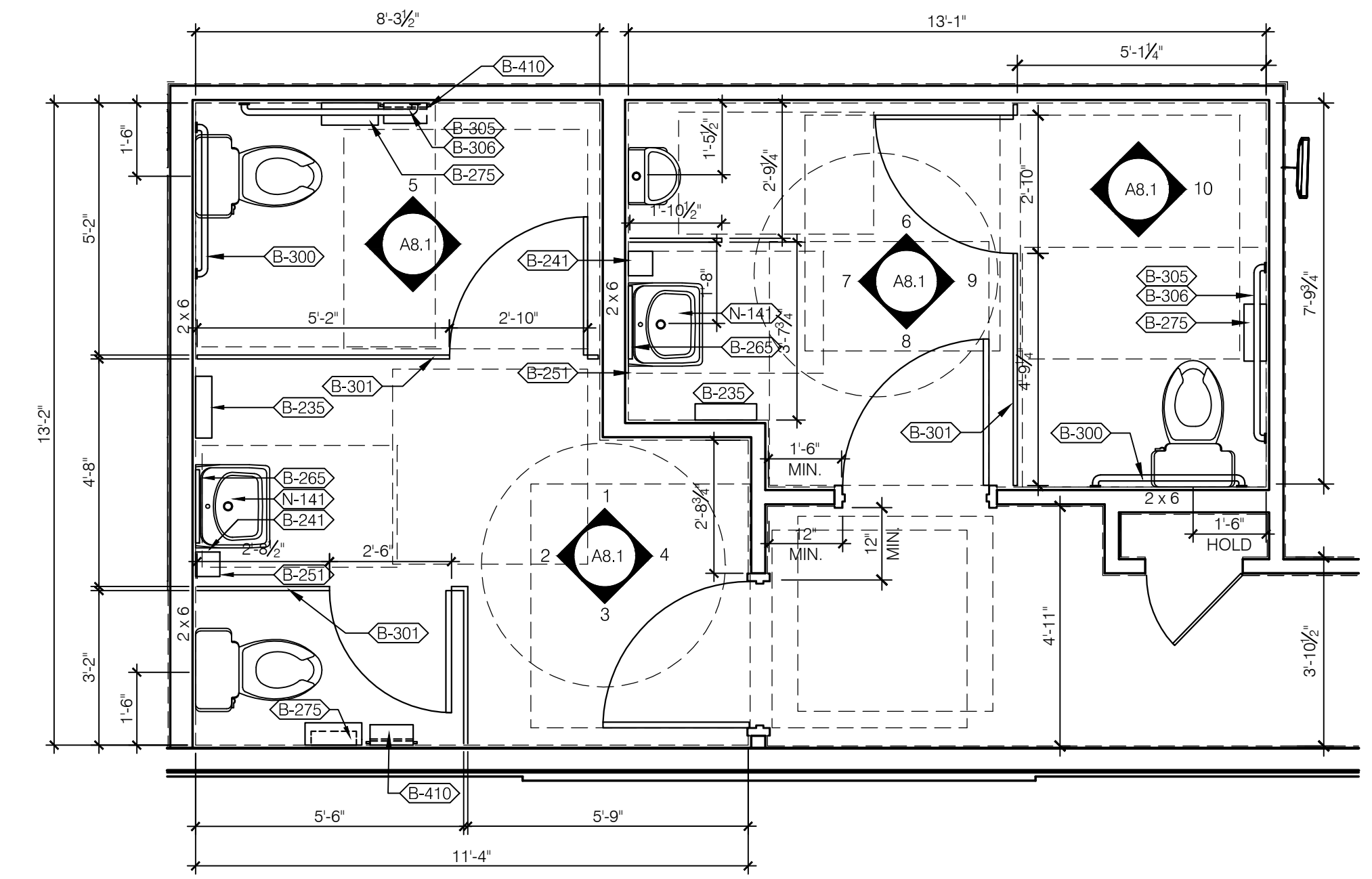
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8

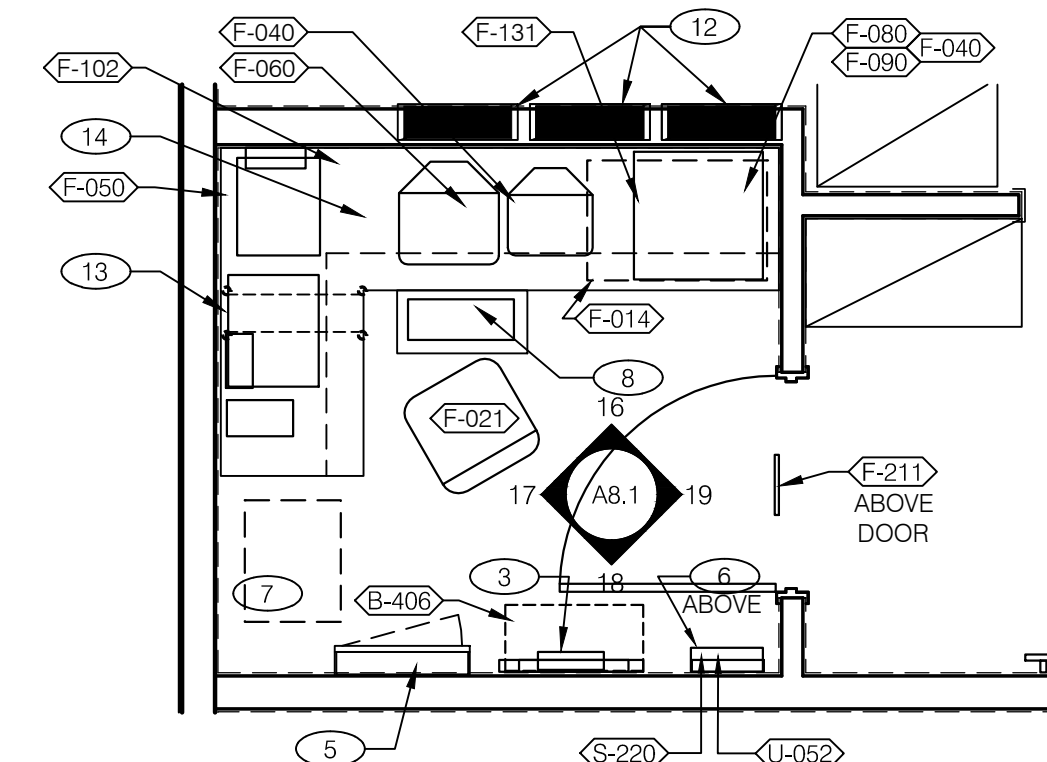
***NOTE:
COORDINATE THE LOCATION AND MOUNTING HEIGHTS FOR ALL FIXTURES, GRAB BARS AND ACCESSORIES WITH SHEET ADA1.0 TO ENSURE COMPLIANCE WITH ADA / LOCAL JURISDICTION MINIMUM ACCESSIBLE REQUIREMENTS.

MEN'S RESTROOM 3/8" = 1'-0"



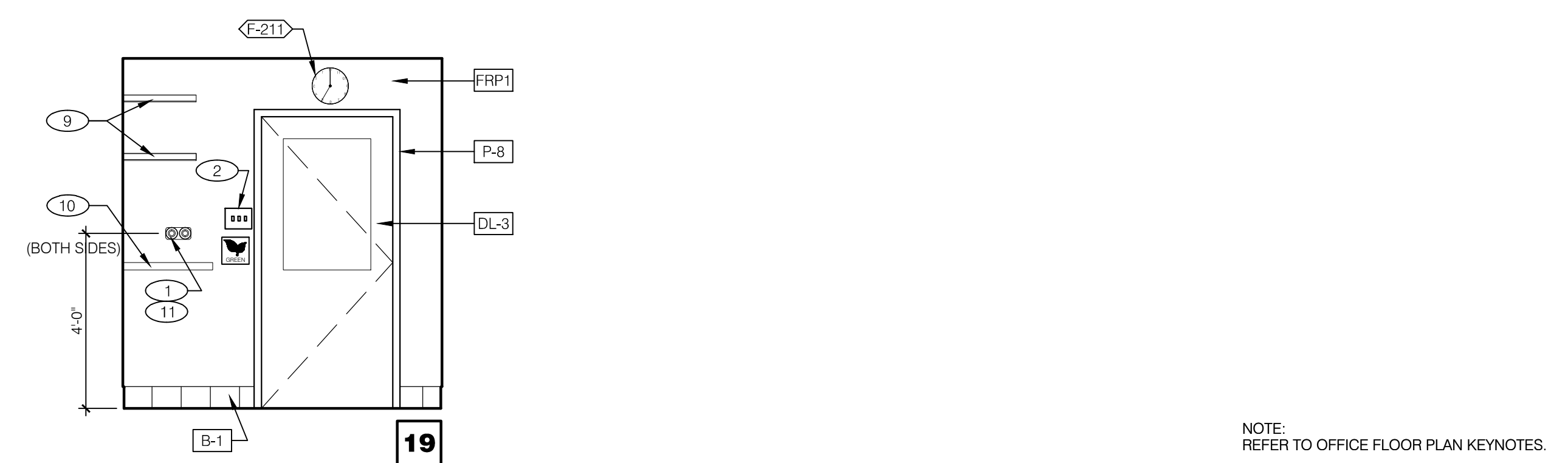
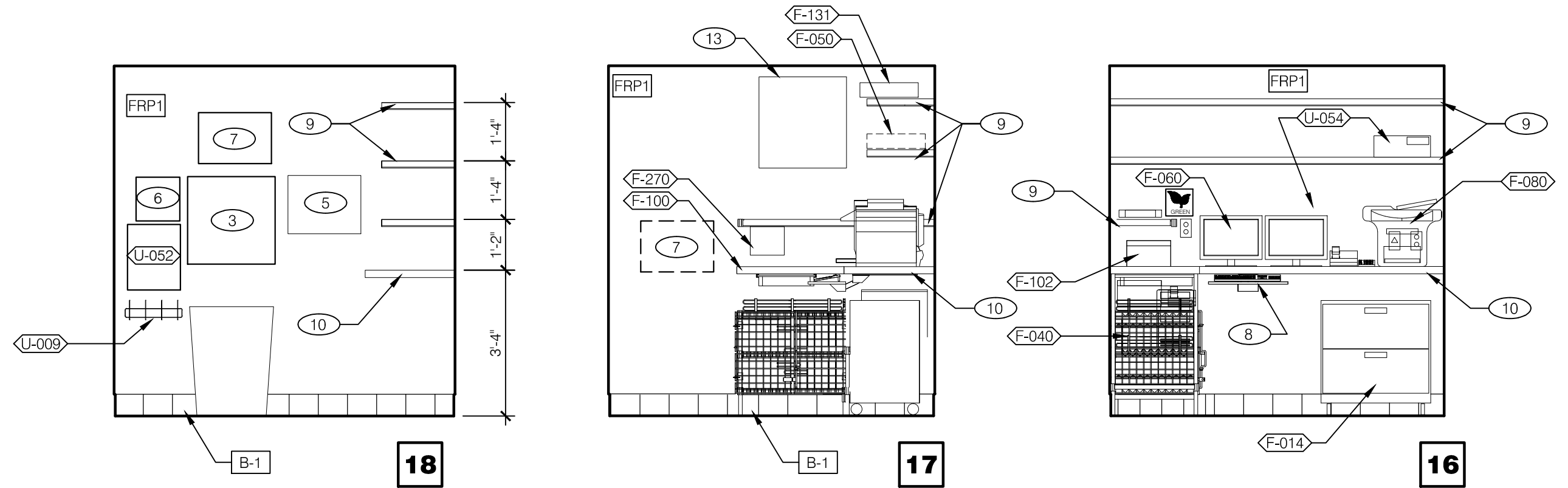
- A. GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
- B. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
- C. ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
- D. PROVIDE 1/4" MAX GAP AT ALL TOILET PARTITION PANEL JOINTS.
- E. ADD VERTICAL GRAB BAR WHERE REQUIRED.

RESTROOM FLOOR PLAN and GENERAL NOTES 3/8" = 1'-0" **A**



- 1 THERMOSTAT CONTROLS.
- 2 LIGHTING CONTROL SWITCHES. SEE DETAIL E3.1.
- 3 TELEPHONE TERMINAL BOARD.
- 4 NOT USED.
- 5 LIGHTING CONTROL PANEL.
- 6 12" X 12" PHONE DISTRIBUTION BOX: OWNER PROVIDED & INSTALLED.
- 7 WIRING CABINET (PATCH PANEL) BY POS PROVIDER.
- 8 UNDER COUNTER KEYBOARD TRAY.
- 9 SHELF BY G.C. - FINISH WITH PLASTIC LAMINATE DL-3.
- 10 COUNTER BY G.C. - FINISH WITH PLASTIC LAMINATE DL-3.
- 11 SMOKE DETECTOR WITH RESET SWITCH.
- 12 ELECTRICAL PANELS.
- 13 TECH-IN-A-BOX: REFER TO E3.1. G.C. TO PROVIDE BLOCKING WHERE REQUIRED.
- 14 DESK LAMP

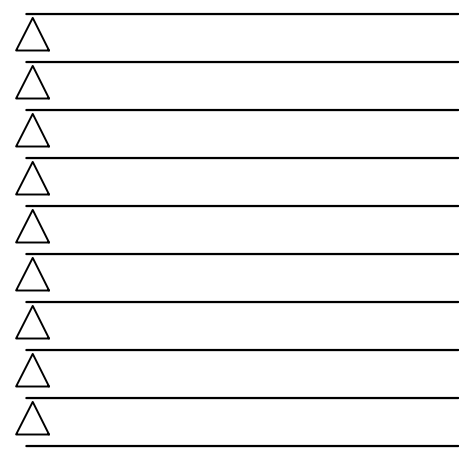
OFFICE FLOOR PLAN and KEYNOTES 3/8" = 1'-0" **B**



NOTE:
REFER TO OFFICE FLOOR PLAN KEYNOTES.

OFFICE ELEVATIONS 3/8" = 1'-0" **C**

Kathleen Day, Architect
9535 Ferry Road
Waynesville, OH 45068
617.331.2549
kathleendayarchitect@gmail.com



CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS - Large 50
PLAN VERSION: 06.08.15 - REV 0
SITE NUMBER:
STORE NUMBER:

TACO BELL
US Route 220
Township of Bedford, PA

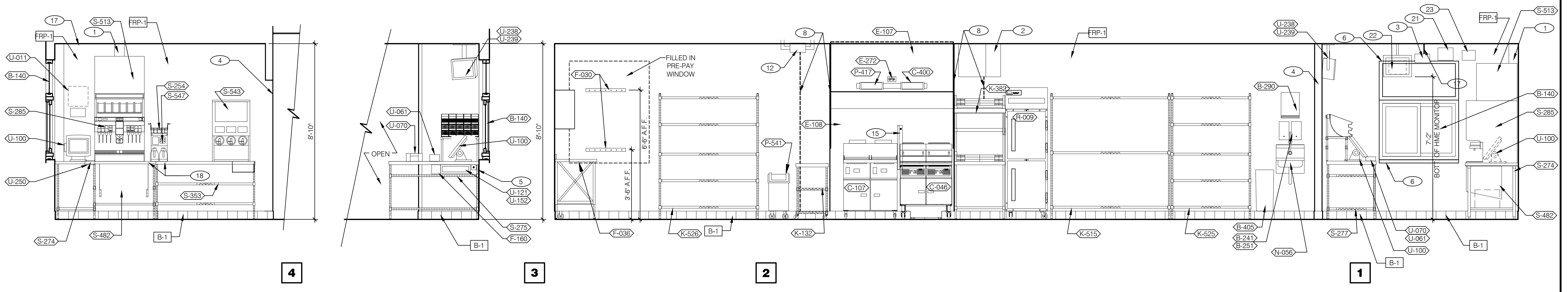


**INTERIOR ELEV.
ENLARGED
RESTROOMS &
OFFICE PLAN**

A8.1

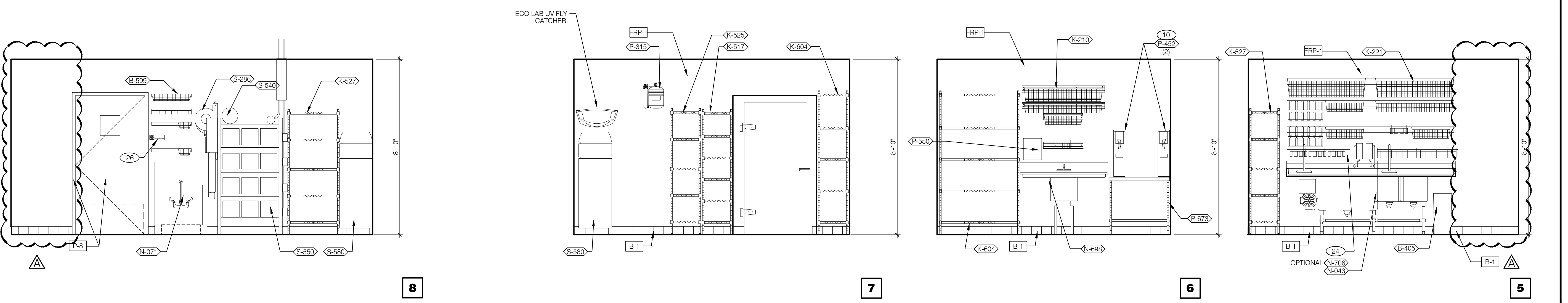
PERMIT PLOT DATE:

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 617.331.2545
 kathleendayarchitect@gmail.com



DRIVE-THRU 3/8" = 1'-0"

TB COOK / DRY STORAGE 3/8" = 1'-0"

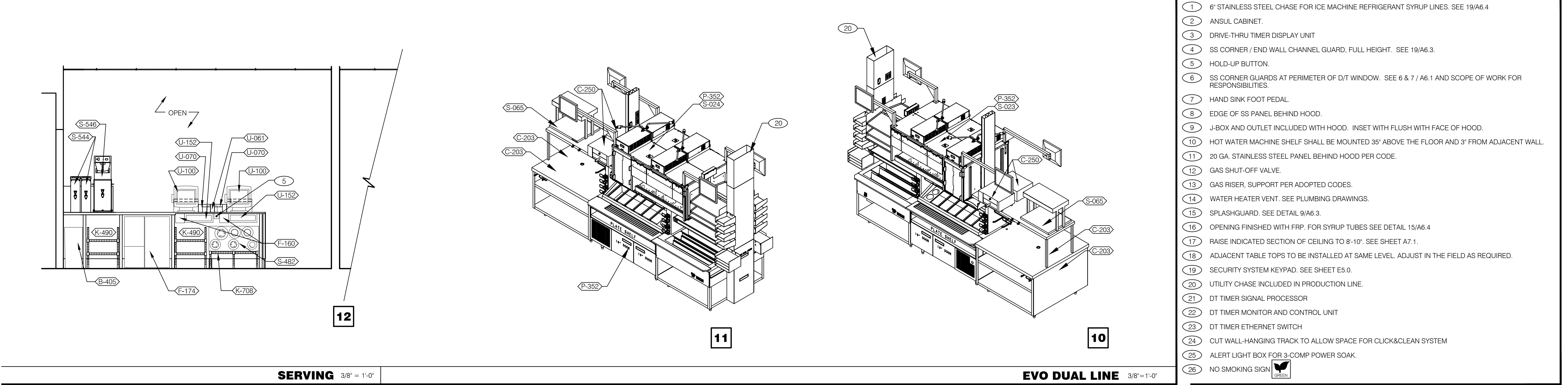


UTILITY 3/8" = 1'-0"

UTILITY 3/8" = 1'-0"

PREP 3/8" = 1'-0"

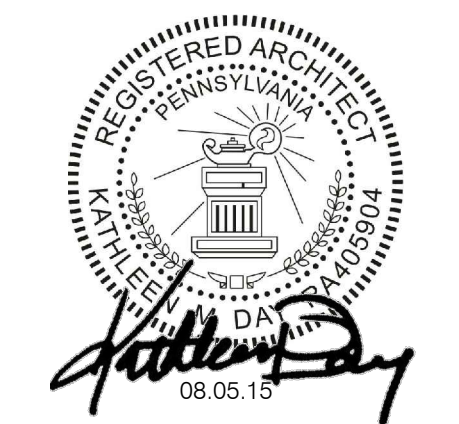
WARE WASHING 3/8" = 1'-0"



SERVING 3/8" = 1'-0"

EVO DUAL LINE 3/8" = 1'-0"

- 1 6" STAINLESS STEEL CHASE FOR ICE MACHINE REFRIGERANT SYRUP LINES. SEE 19/A6.4
- 2 ANSUL CABINET.
- 3 DRIVE-THRU TIMER DISPLAY UNIT
- 4 SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 19/A6.3.
- 5 HOLD-UP BUTTON.
- 6 SS CORNER GUARDS AT PERIMETER OF D/T WINDOW. SEE 6 & 7 / A6.1 AND SCOPE OF WORK FOR RESPONSIBILITIES.
- 7 HAND SINK FOOT PEDAL.
- 8 EDGE OF SS PANEL BEHIND HOOD.
- 9 J-BOX AND OUTLET INCLUDED WITH HOOD. INSET WITH FLUSH WITH FACE OF HOOD.
- 10 HOT WATER MACHINE SHELF SHALL BE MOUNTED 35" ABOVE THE FLOOR AND 3' FROM ADJACENT WALL.
- 11 20 GA. STAINLESS STEEL PANEL BEHIND HOOD PER CODE.
- 12 GAS SHUT-OFF VALVE.
- 13 GAS RISER, SUPPORT PER ADOPTED CODES.
- 14 WATER HEATER VENT. SEE PLUMBING DRAWINGS.
- 15 SPLASHGUARD. SEE DETAIL 9/A6.3.
- 16 OPENING FINISHED WITH FRP. FOR SYRUP TUBES SEE DETAIL 15/A6.4
- 17 RAISE INDICATED SECTION OF CEILING TO 8'-10". SEE SHEET A7.1.
- 18 ADJACENT TABLE TOPS TO BE INSTALLED AT SAME LEVEL. ADJUST IN THE FIELD AS REQUIRED.
- 19 SECURITY SYSTEM KEYPAD. SEE SHEET E5.0.
- 20 UTILITY CHASE INCLUDED IN PRODUCTION LINE.
- 21 DT TIMER SIGNAL PROCESSOR
- 22 DT TIMER MONITOR AND CONTROL UNIT
- 23 DT TIMER ETHERNET SWITCH
- 24 CUT WALL-HANGING TRACK TO ALLOW SPACE FOR CLICK&CLEAN SYSTEM
- 25 ALERT LIGHT BOX FOR 3-COMP POWER SOAK.
- 26 NO SMOKING SIGN.



OWNER COMMENTS - 12.07.15

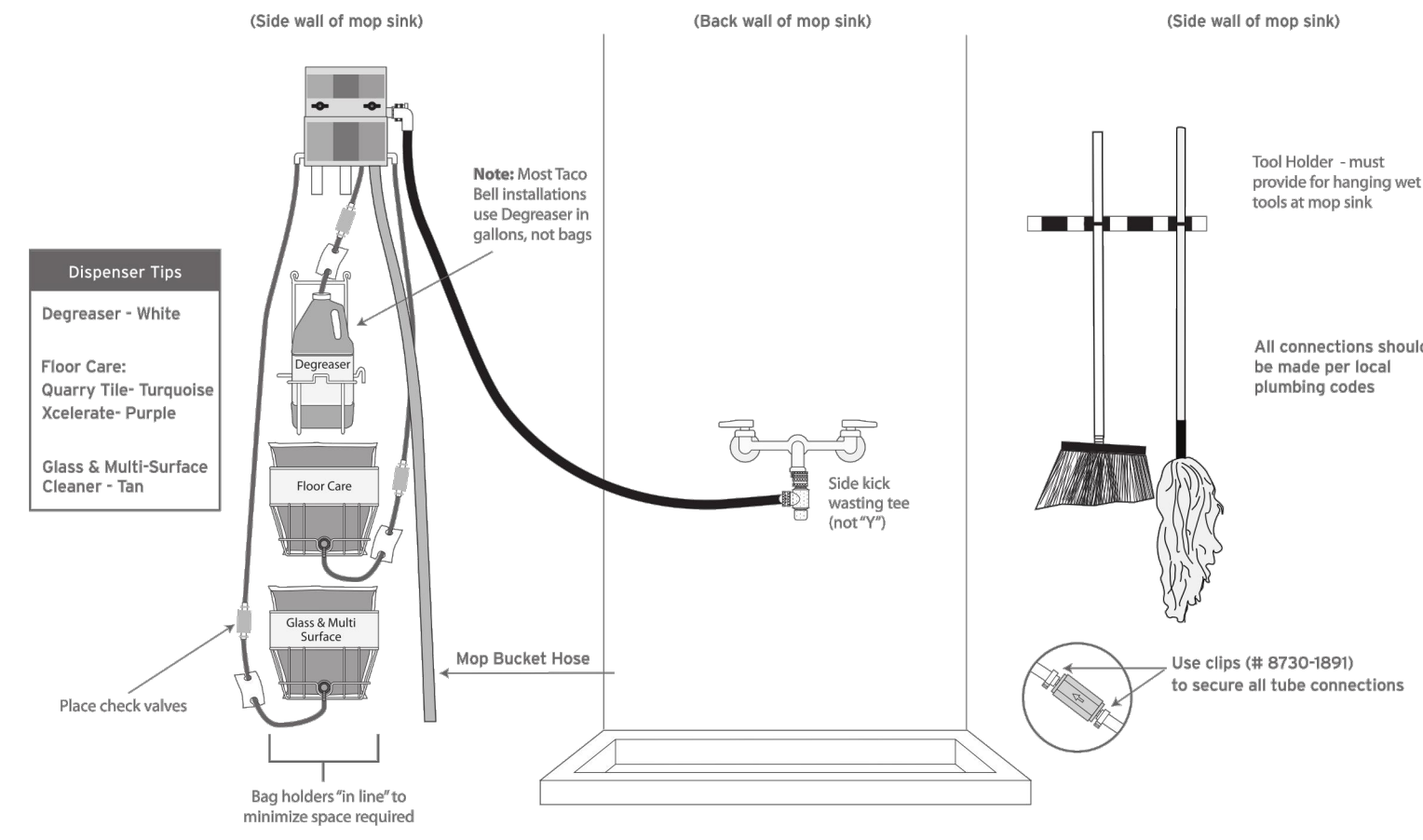
CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV O
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA



A8.2
 PERMIT PLOT DATE:

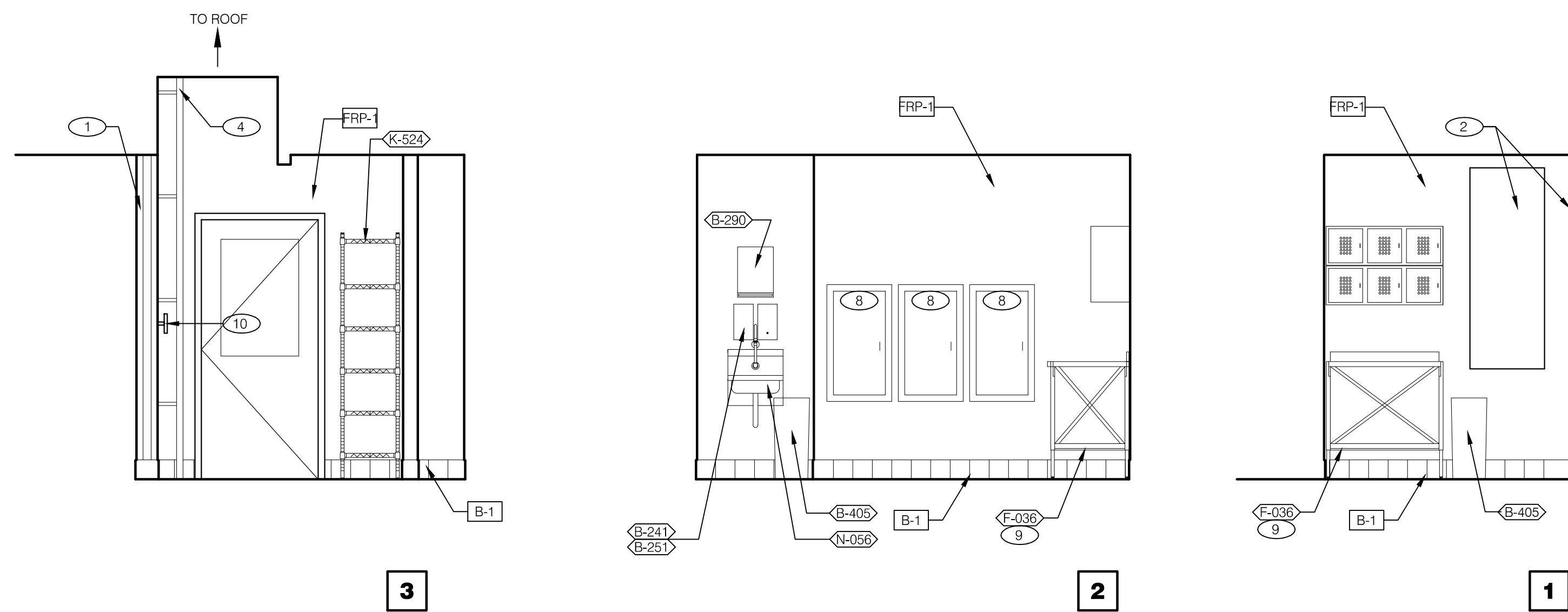
Taco Bell Mop Sink Installation



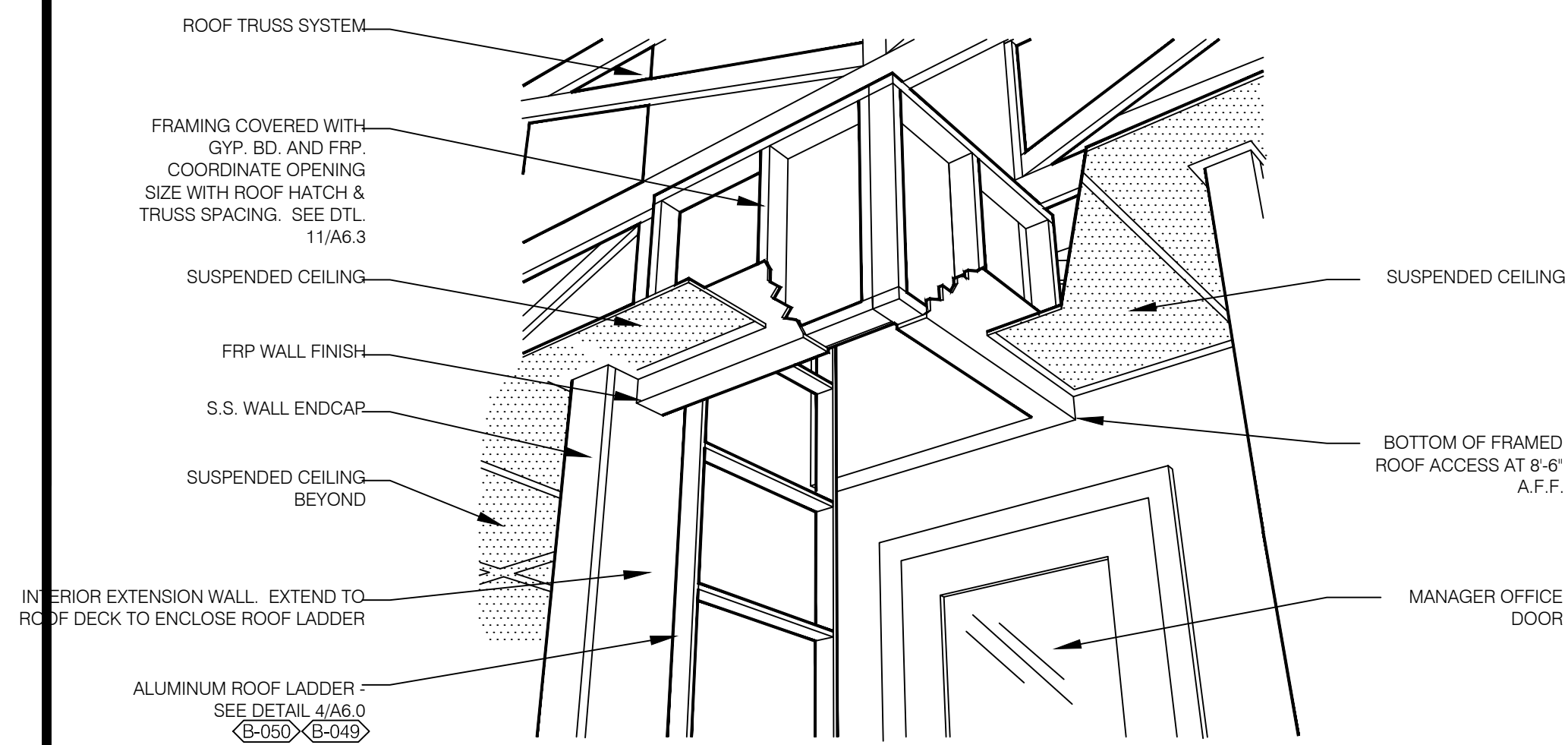
INSTALL IN ACCORDANCE WITH STATE AND LOCAL PLUMBING CODES.
 In states or municipalities requiring dedicated or hard plumbed water lines, the dispensing unit at the 3-compartment sink must be connected to a "TEMPERED" water source. This may require the installation of a mixing/tempering valve.

ECOLAB Key Chemical Company
 8300 Capital Drive
 Greensboro, NC 27409-9790, USA 800.529.5458
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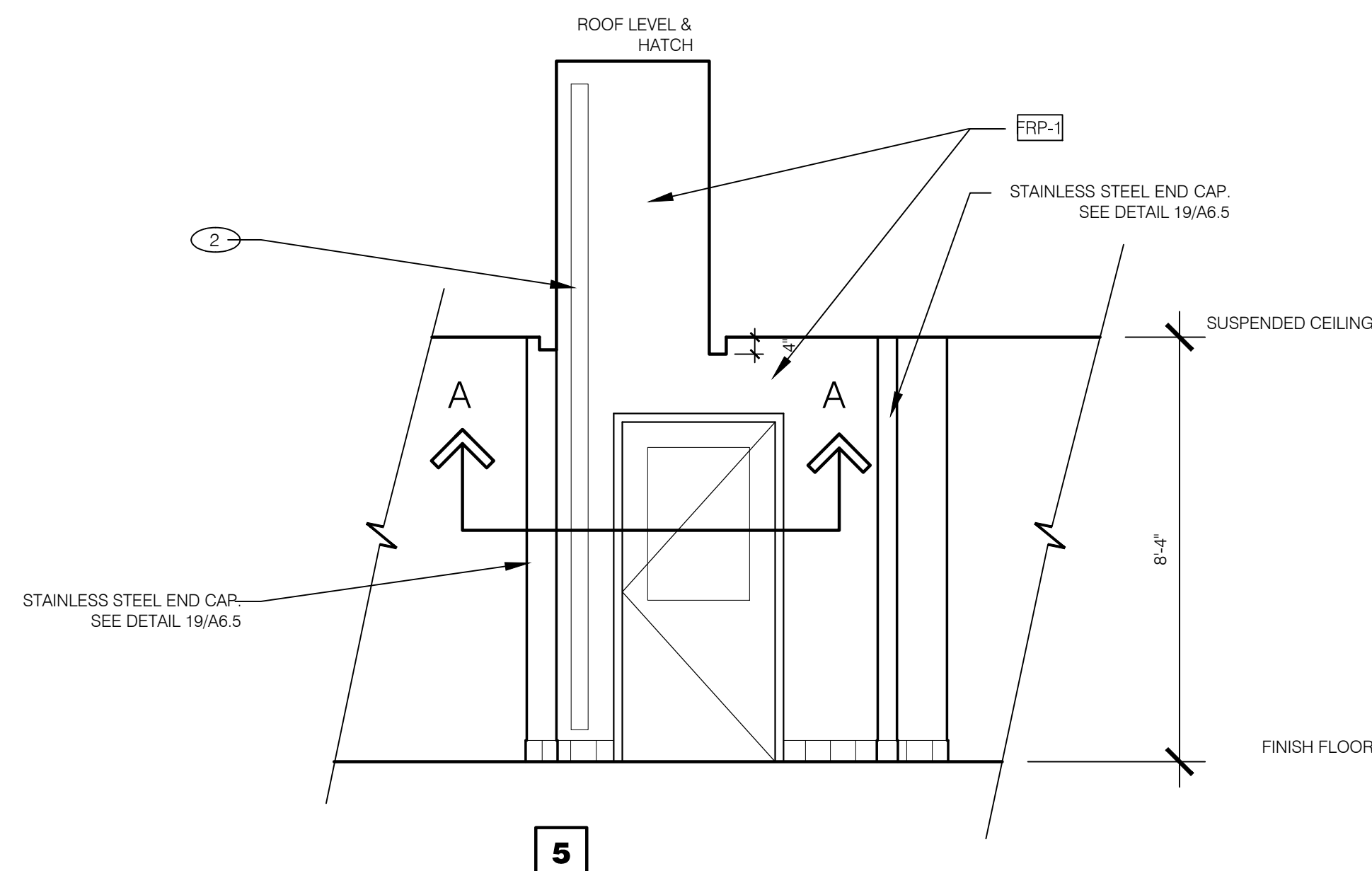
MOP SINK INSTALLATION N.T.S. **C**



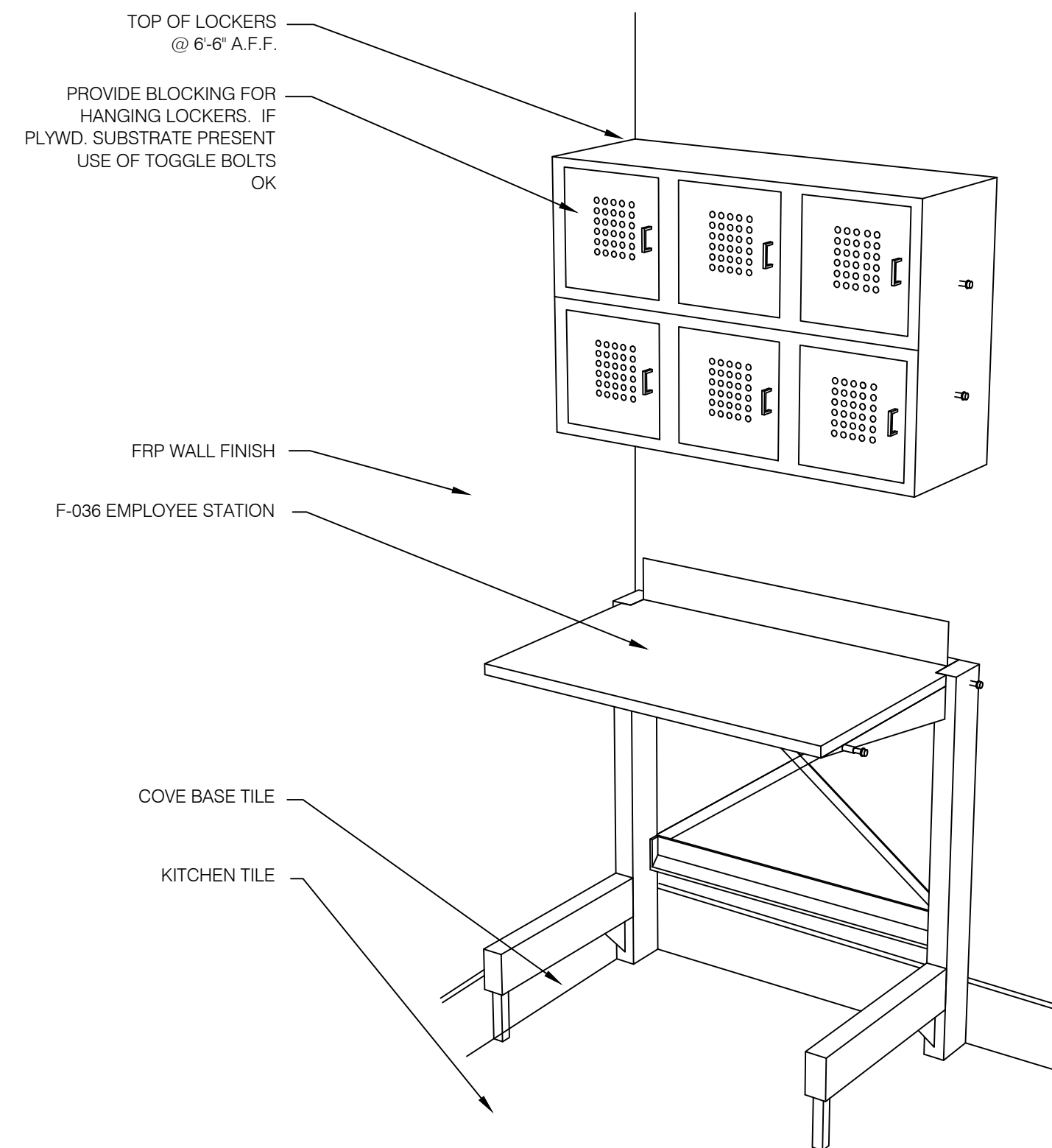
PRE-PAY 3/8"=1'-0"



A - ROOF LADDER VIEW



ROOF ACCESS PASSAGeway N.T.S. **D**



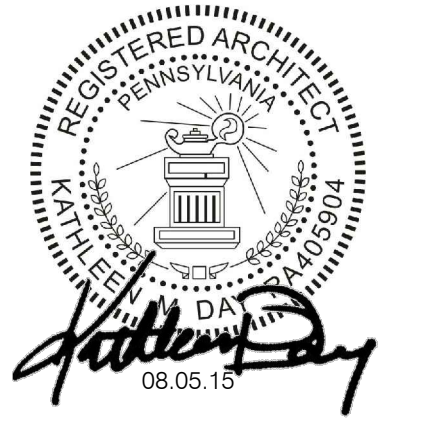
WORKSTATION N.T.S. **B**

NOT USED

- 1 SS CORNER / END WALL CHANNEL GUARD, FULL HEIGHT. SEE 19/A6.3.
- 2 FRP OVER WINDOW INFILL
- 3 NOT USED.
- 4 ROOF LADDER.
- 5 NOT USED.
- 6 WALL SHOWN PARALLEL TO VIEW FOR CLARITY.
- 7 NOT USED.
- 8 ELECTRICAL PANEL. REFER TO ELECTRICAL SHEETS.
- 9 EMPLOYEE WORK STATION. REFER TO DETAIL B THIS SHEET.
- 10 ANSUL PULL STATION.

KEY NOTES **A**

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- △
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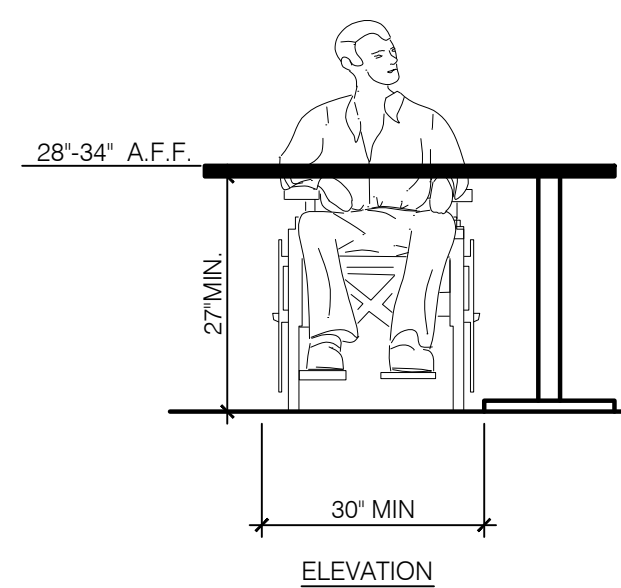
TACO BELL
LIVE MAS
 LARGE50
INTERIOR ELEVATIONS KITCHEN

A8.3

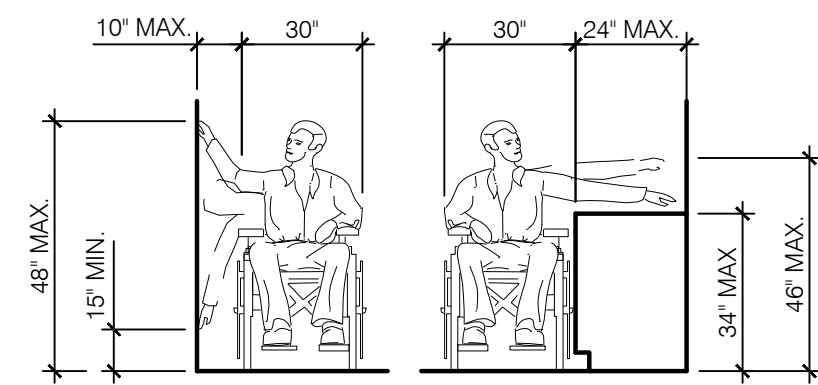
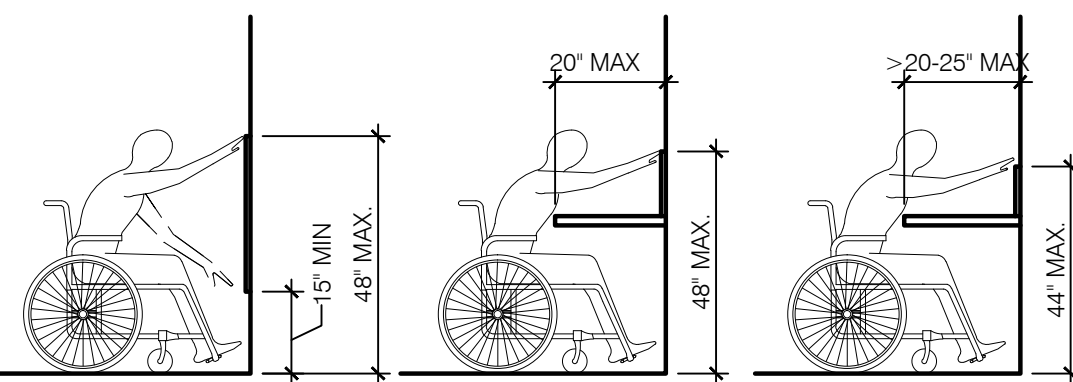
PERMIT PLOT DATE:

TOTAL SEATS	ACCESSIBLE SEATS
1 - 20	1
21 - 40	2
41 - 60	3
61 - 80	4
81 - 100	5
101 - 120	6
121 - 140	7

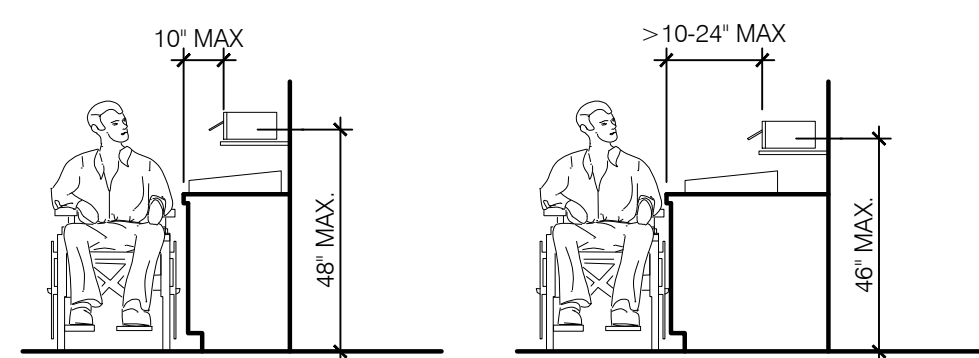
NUMBER OF ACCESSIBLE SEATS



SEATING AND TABLES N.T.S. 18



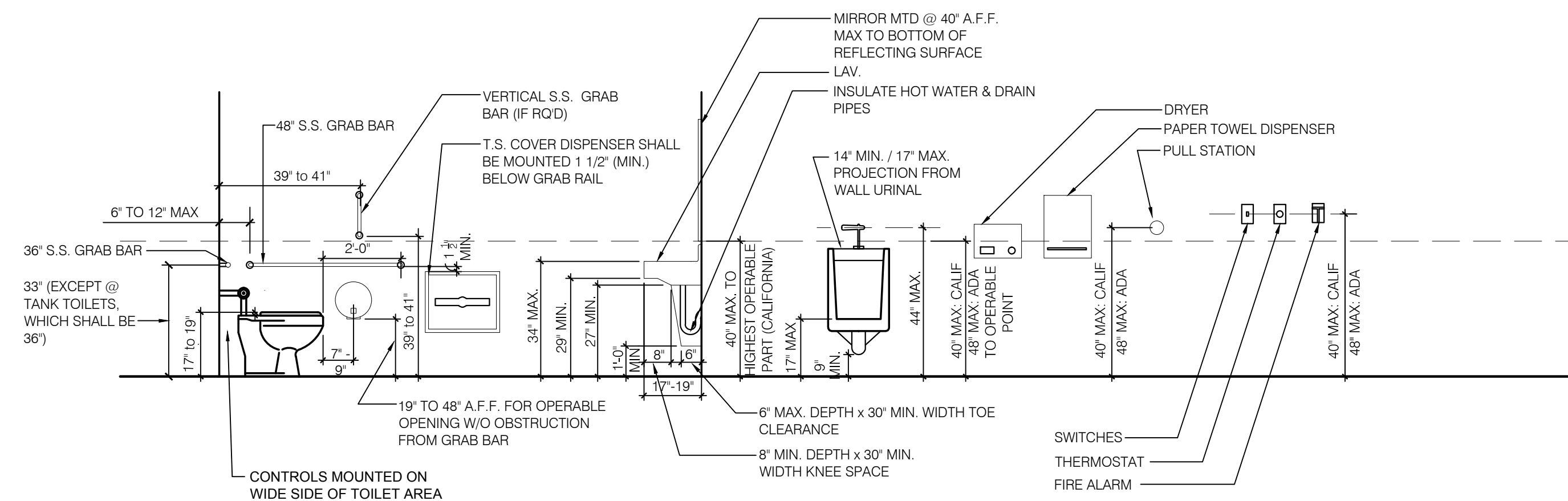
EXAMPLE: DRINK MACHINE, ETC.



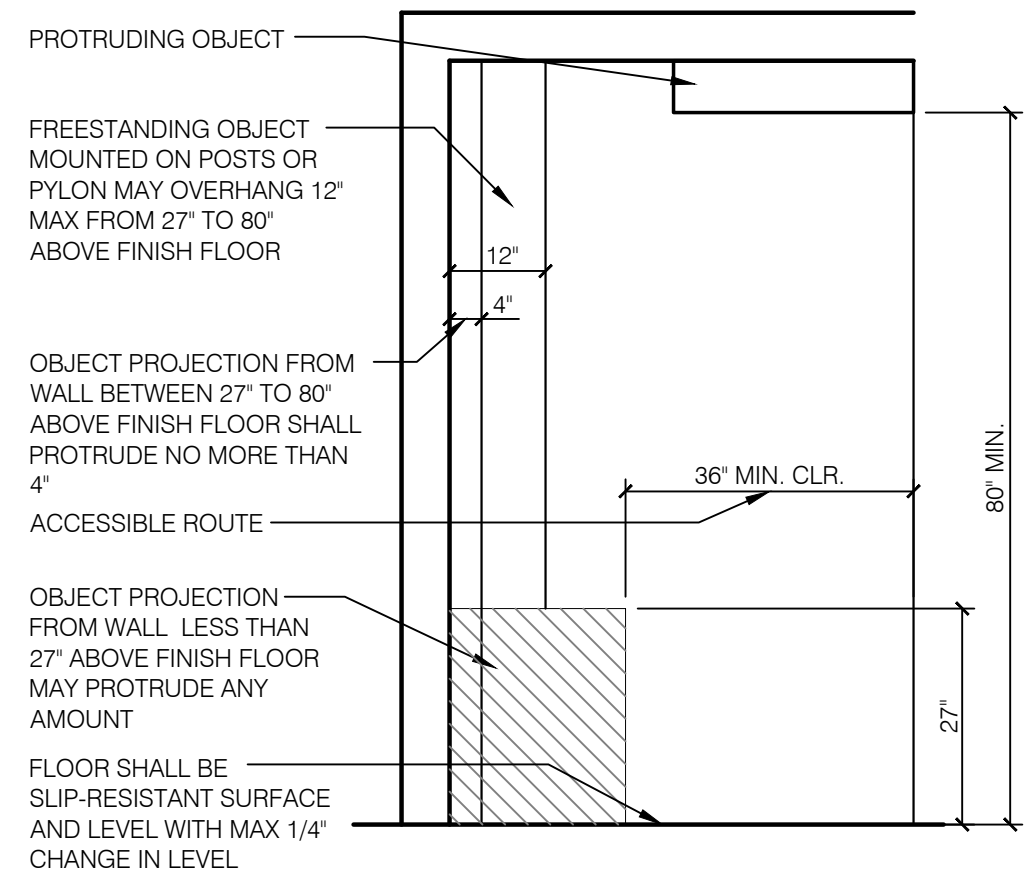
CONDIMENTS

REACH RANGES N.T.S. 14

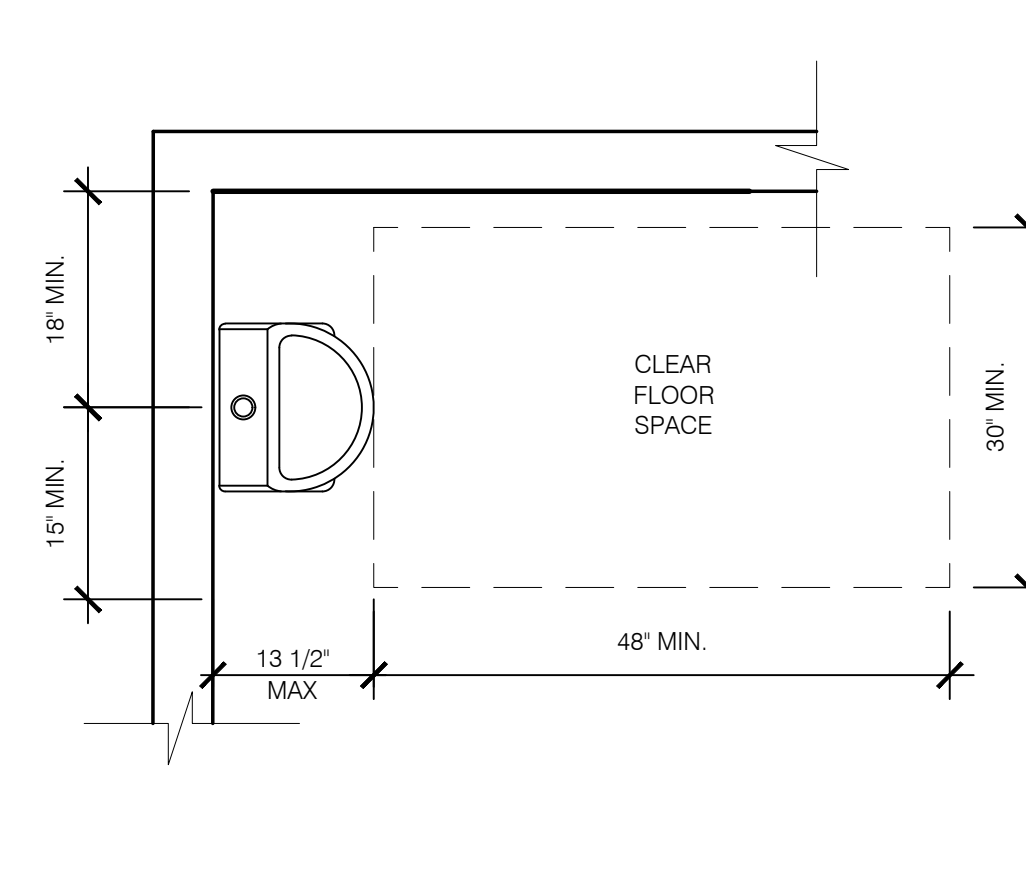
- NOTES:
- TOP OF GRIPPING SURFACE 33" TO 36" MAX TO THE TOP OF THE BAR. SEE NOTES BELOW
 - 12" MINIMUM CLEAR ABOVE GRAB BAR



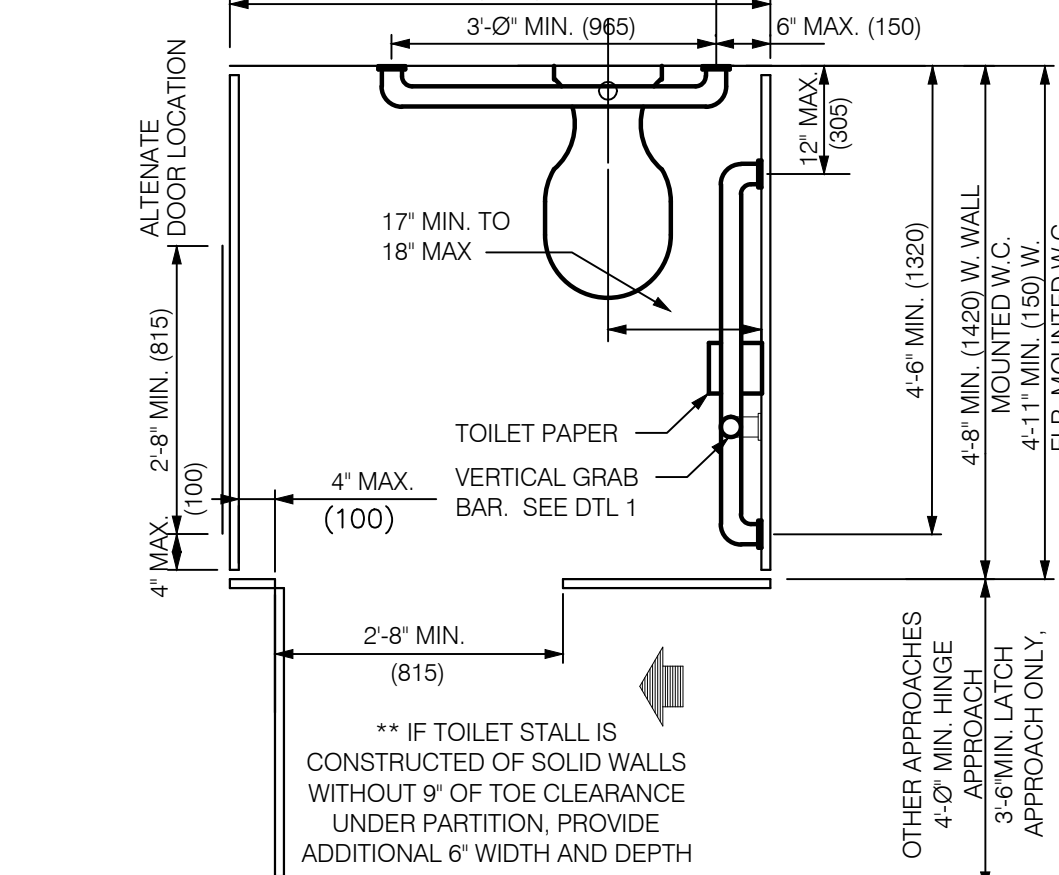
MOUNTING HTS. & CLEARANCES FOR ACCESSIBILITY BY THE DISABLED N.T.S. 1



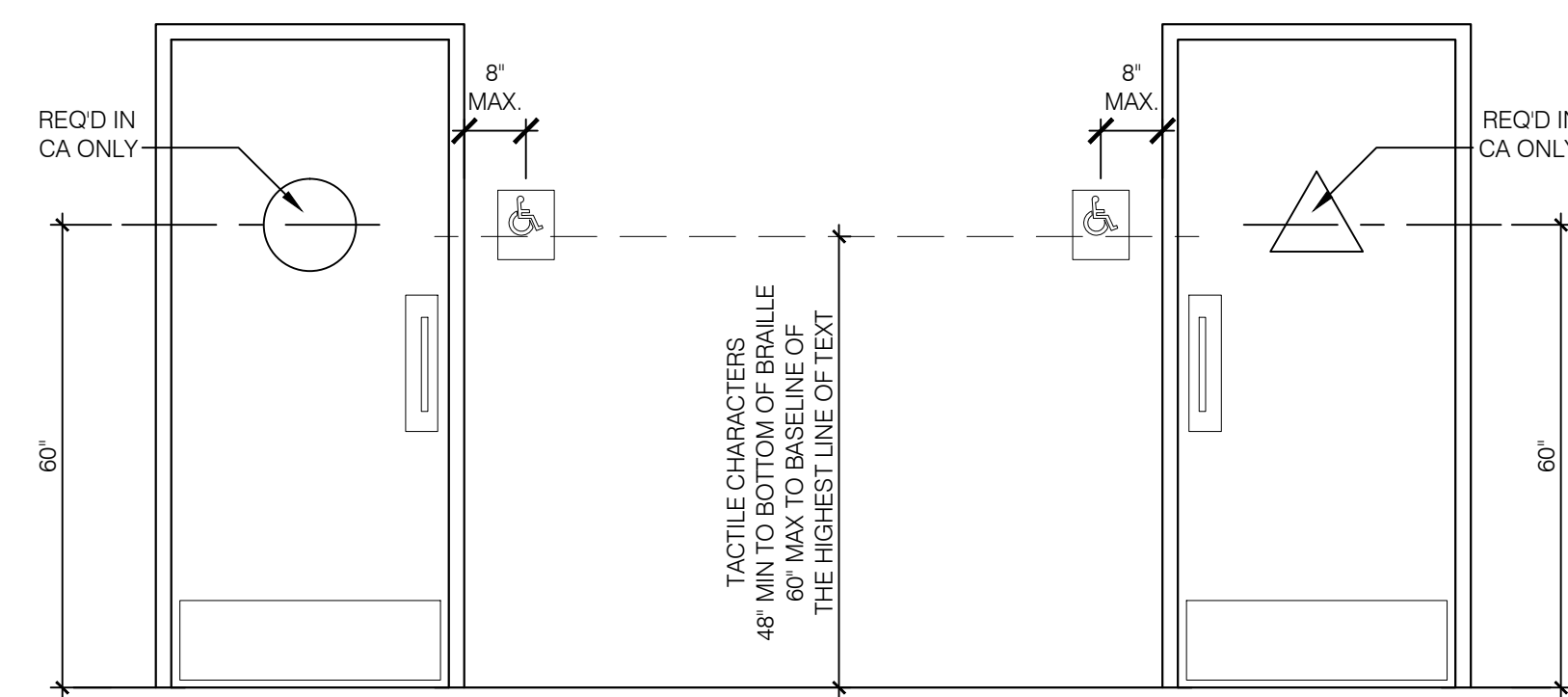
INT. ACCESS. ROUTE CLEARANCES 1/2" = 1'-0" 10



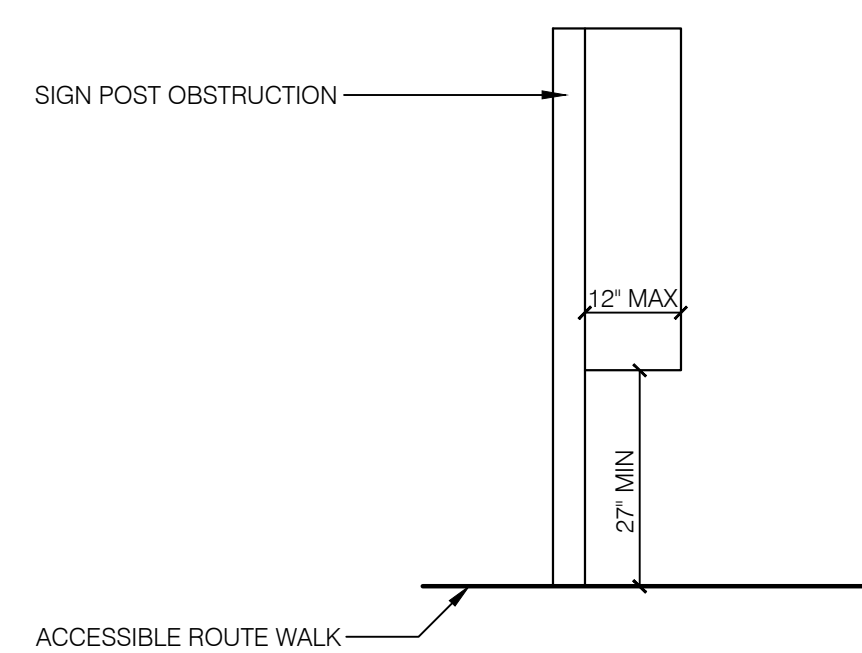
ACCESSIBLE URINAL 3/4" = 1'-0" 6



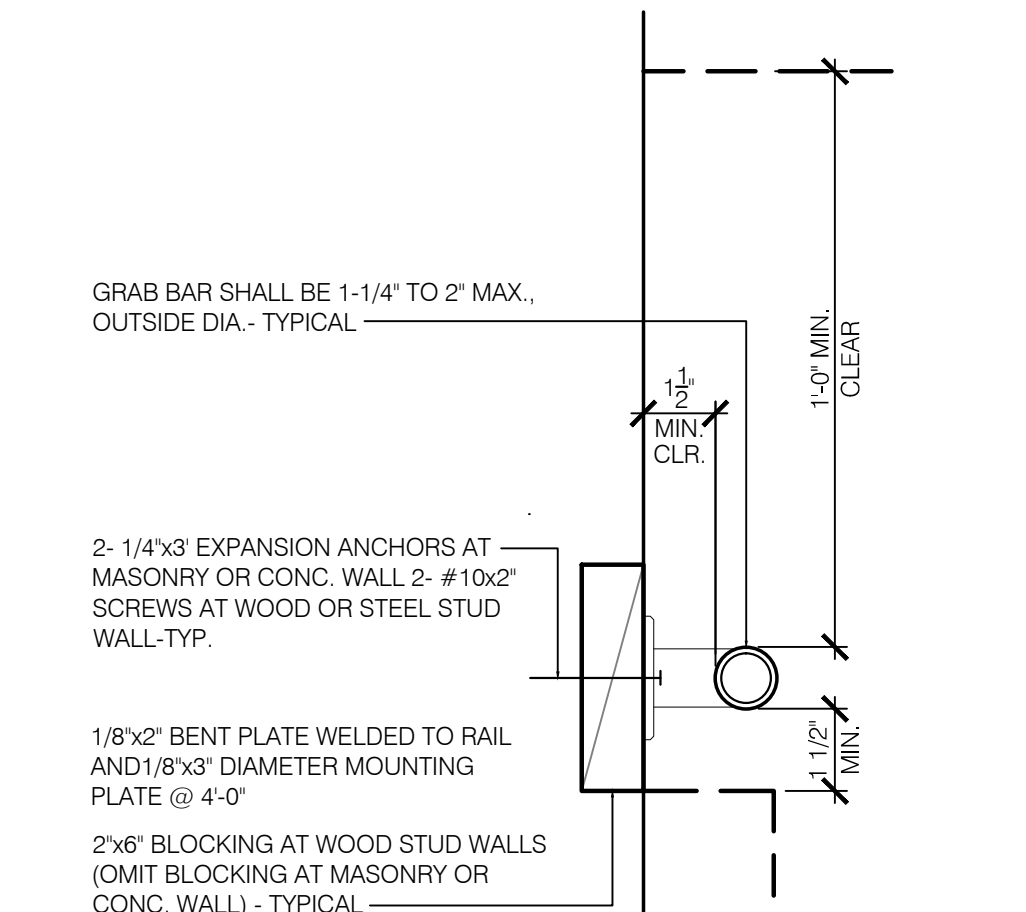
STANDARD TOILET STALL N.T.S. 2



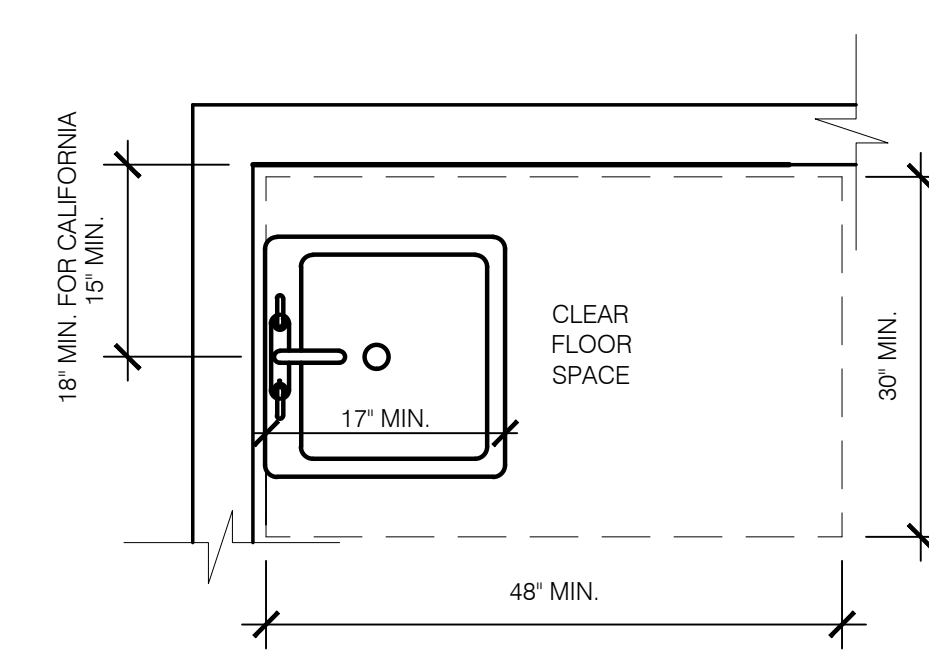
ACCESSIBLE RESTROOM DOORS N.T.S. 15



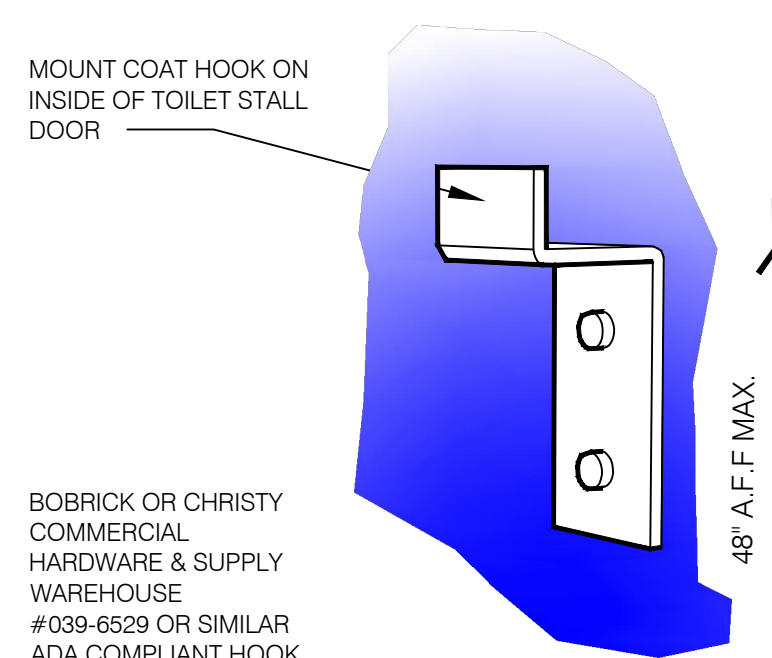
PROTRUDING HAZARDS 1/2" = 1'-0" 11



GRAB BAR 3' = 1'-0" 7



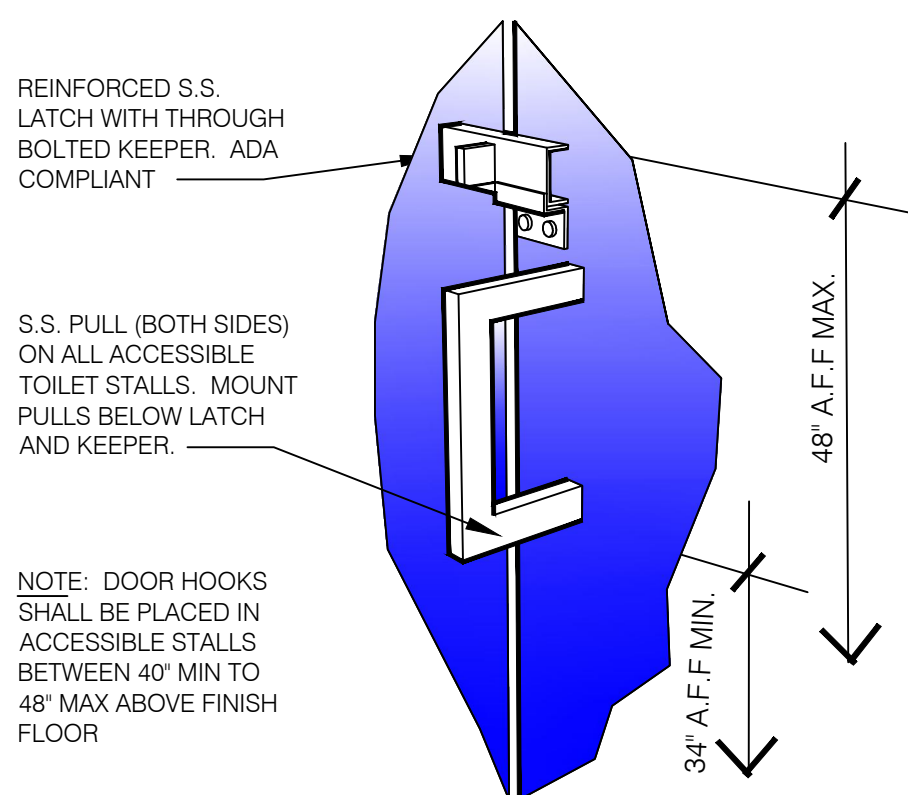
ACCESSIBLE LAVATORY 3/4" = 1'-0" 3



BOBRICK OR CHRISTY COMMERCIAL HARDWARE & SUPPLY WAREHOUSE #039-6529 OR SIMILAR ADA COMPLIANT HOOK. CHRISTYHARDWARE.COM 877-544-5400

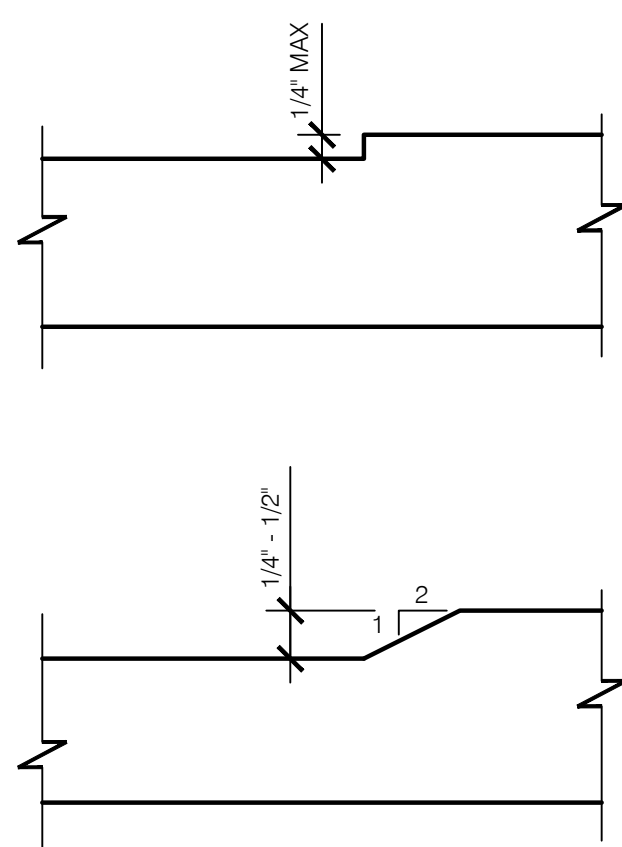
NOTE: SEE DOOR SCHEDULE. AND DOOR SCHEDULE NOTES

COAT HOOK N.T.S. 20

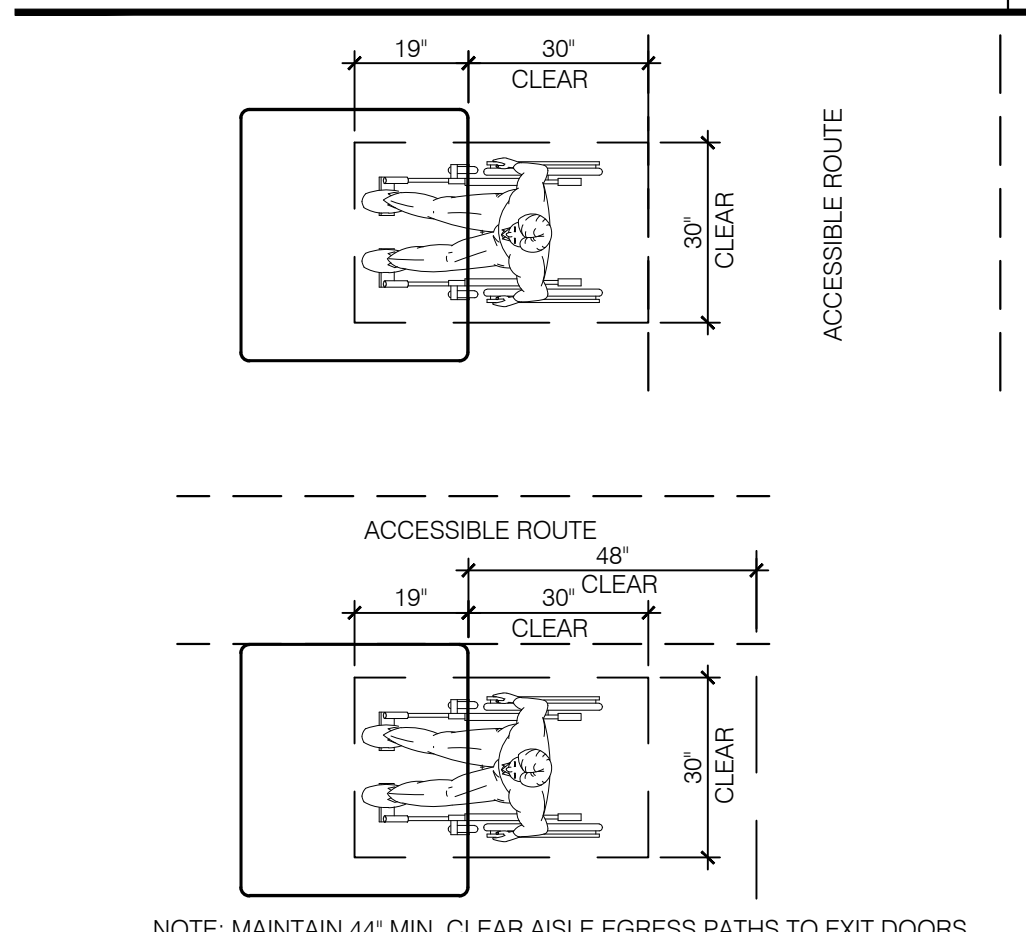


NOTE: DOOR HOOKS SHALL BE PLACED IN ACCESSIBLE STALLS BETWEEN 40" MIN TO 48" MAX ABOVE FINISH FLOOR

PARTITION DOOR LATCH @ PULL N.T.S. 16



CHANGES IN LEVEL N.T.S. 12

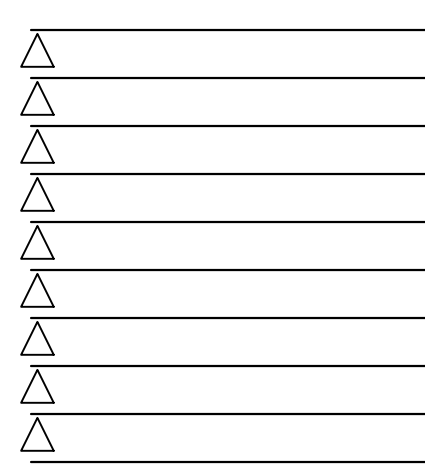


DINING ROOM SEATING CLEARANCES N.T.S. 8

1. INDICATED DIMENSIONS, HEIGHTS, DEPTHS, AREAS AND OTHER GRAPHIC INFORMATION ARE PROVIDED AS MINIMUMS THAT MUST BE MAINTAINED. THESE MINIMUMS ARE BASED UPON YUM STANDARDS AND MAY EXCEED ADA REQUIREMENTS.
2. 60" TURNING SPACE
- PERMITTED OVERLAP LIMITED TO 1 ARM OF T-SHAPED SPACE
 - CAN OVERLAP FIXTURE & DOOR CLEARANCE
 - DOOR CAN SWING INTO TURNING SPACE A MAXIMUM OF 12"
3. RESTROOM, IN GENERAL, DOOR SWING MUST BE OUTSIDE OF THE FIXTURE CLEAR FLOOR SPACE HOWEVER A DOOR CAN SWING INTO FIXTURE CLEAR FLOOR SPACE IF WHEELCHAIR SPACE 30"x48" IS PROVIDED BEYOND THE DOOR SWING.
4. TOILET ROOM MUST ALLOW FOR SIDE TRANSFER - 42" BETWEEN FIXTURES

GENERAL NOTES N.T.S. 4

Kathleen Day, Architect
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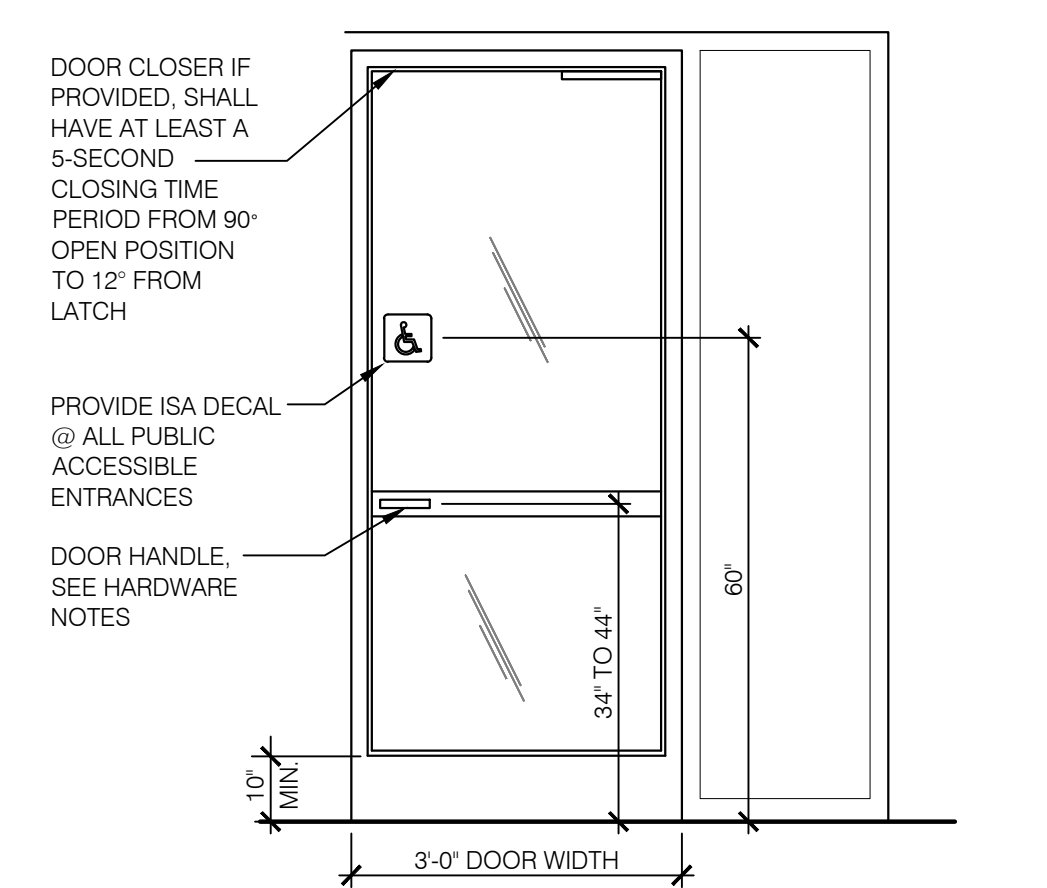
CONTRACT DATE: 04.14.15
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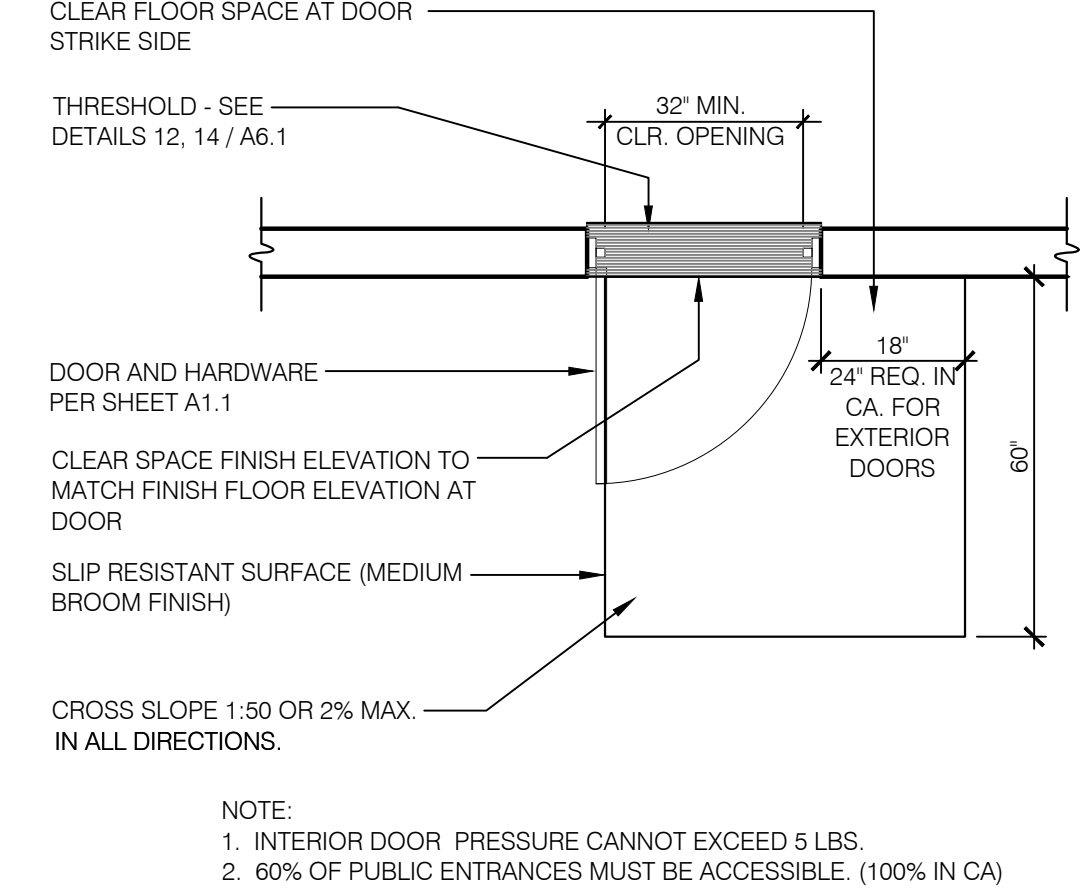


ACCESSIBILITY REQUIREMENTS
ADA 1.0

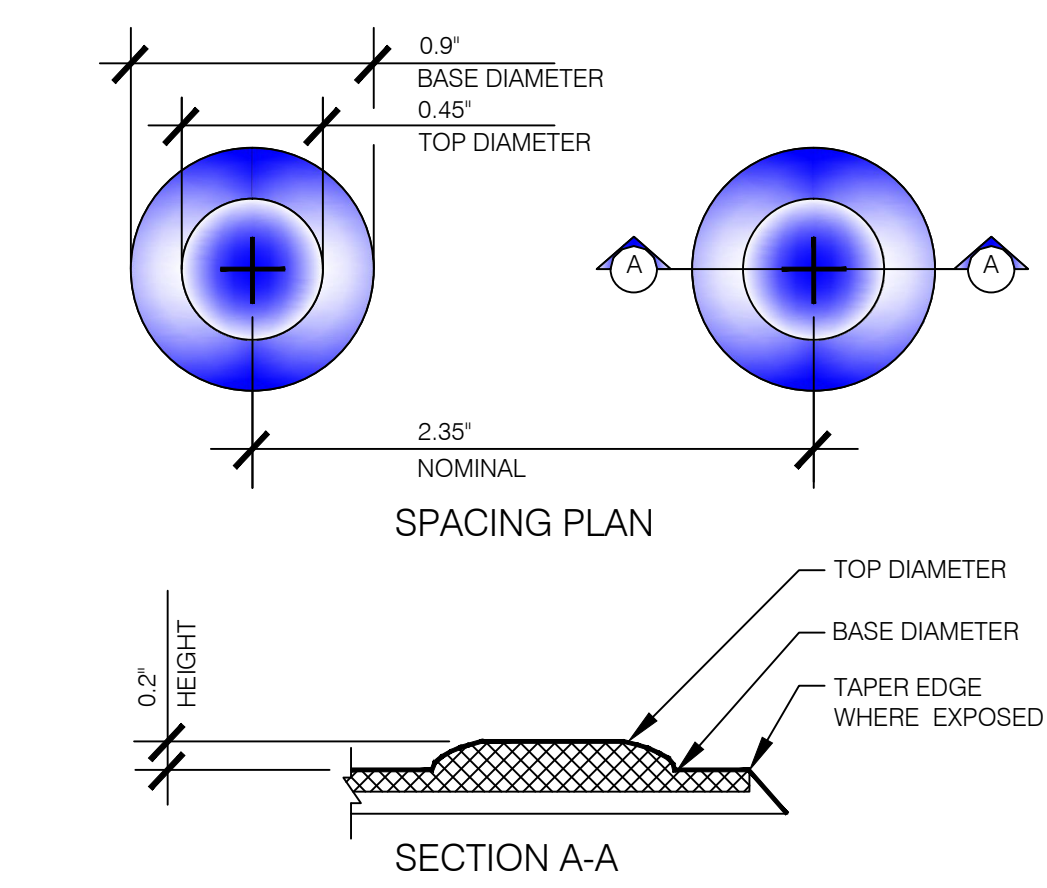
PERMIT PLOT DATE:



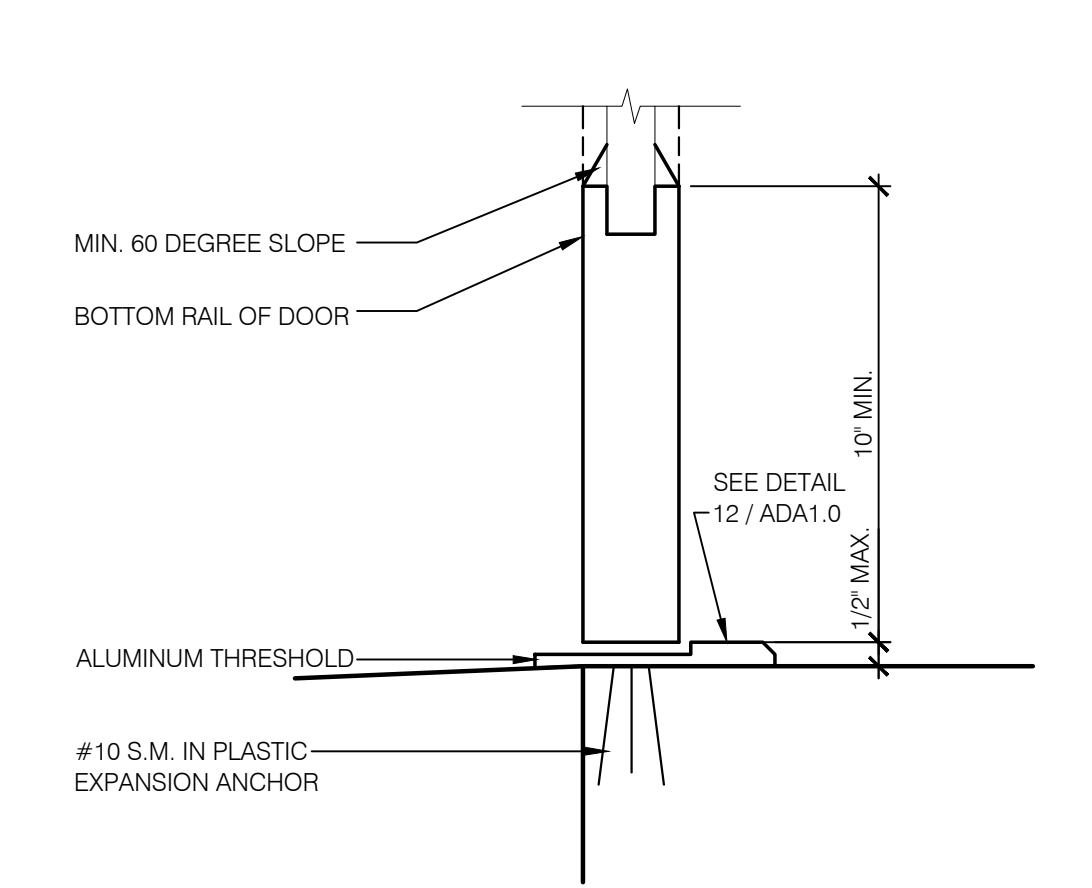
17 TYP. ENTRANCE / EXIT DOOR N.T.S.



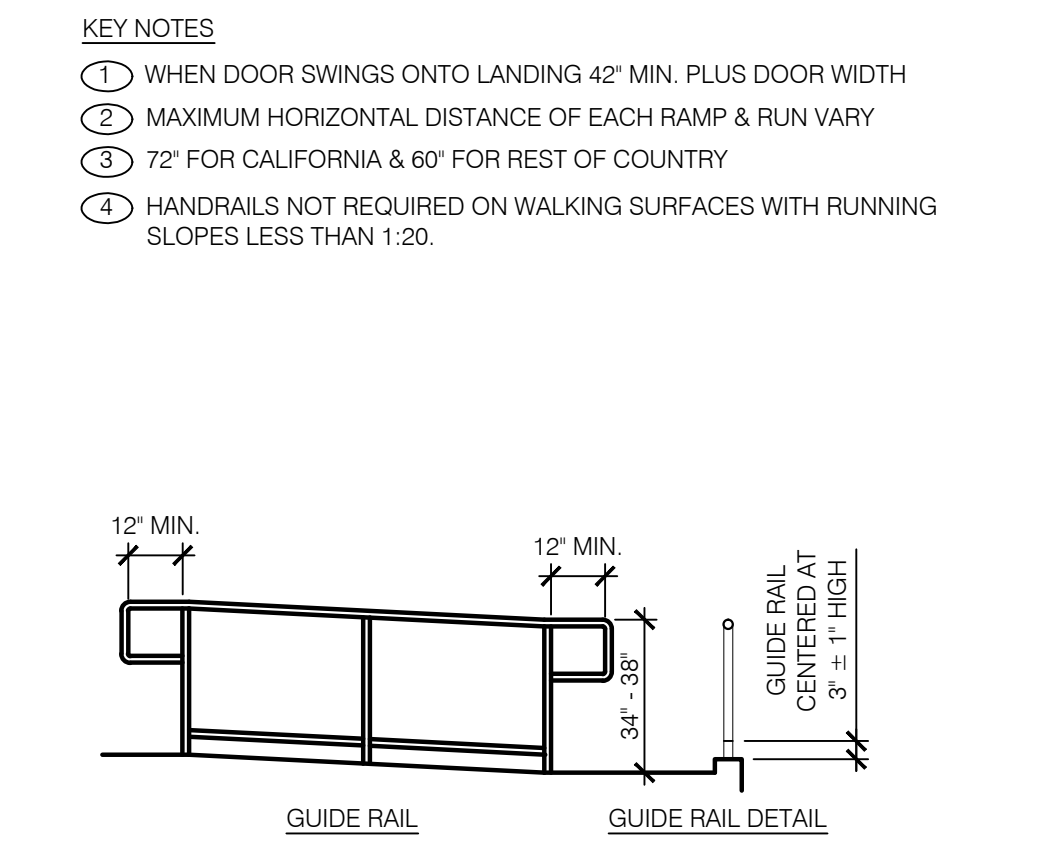
13 EXTERIOR DOOR REQUIREMENTS 1/2" = 1'-0"



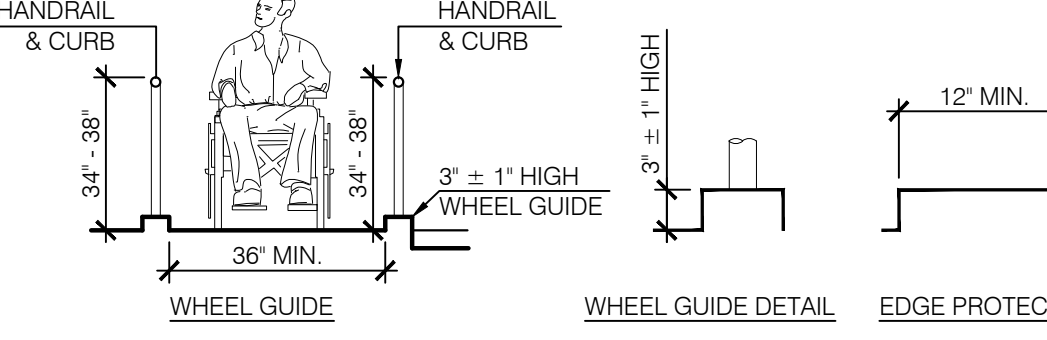
18 TRUNCATED DOMES N.T.S.



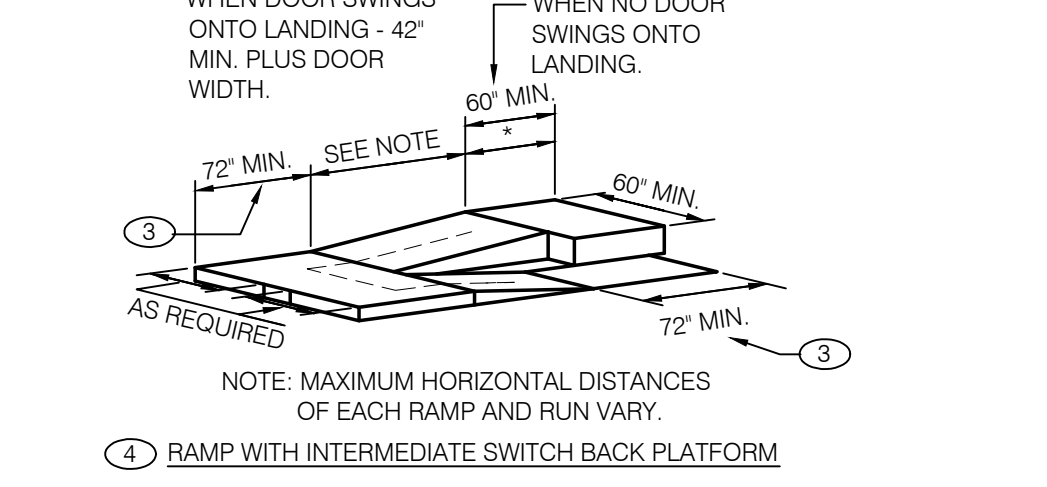
14 BOTTOM RAIL (EXTERIOR DOOR) 3" = 1'-0"



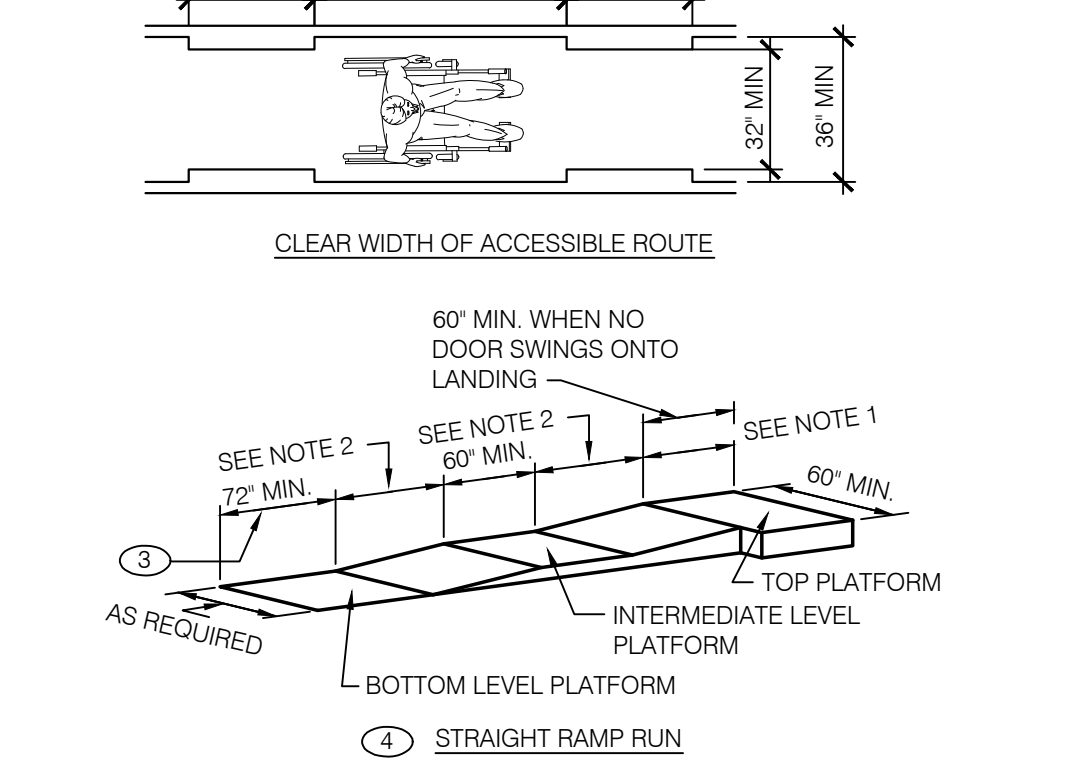
15 GUIDE RAILS



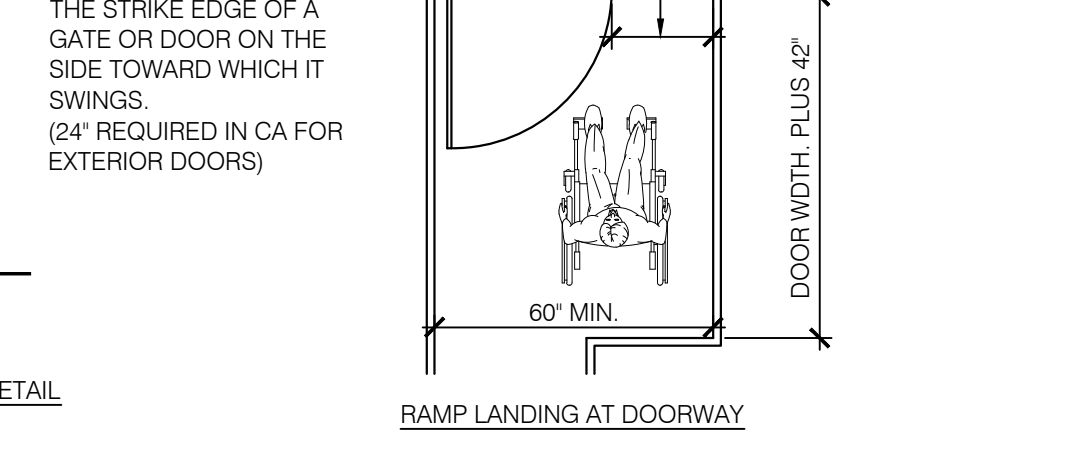
15 HANDRAILS & CURBS



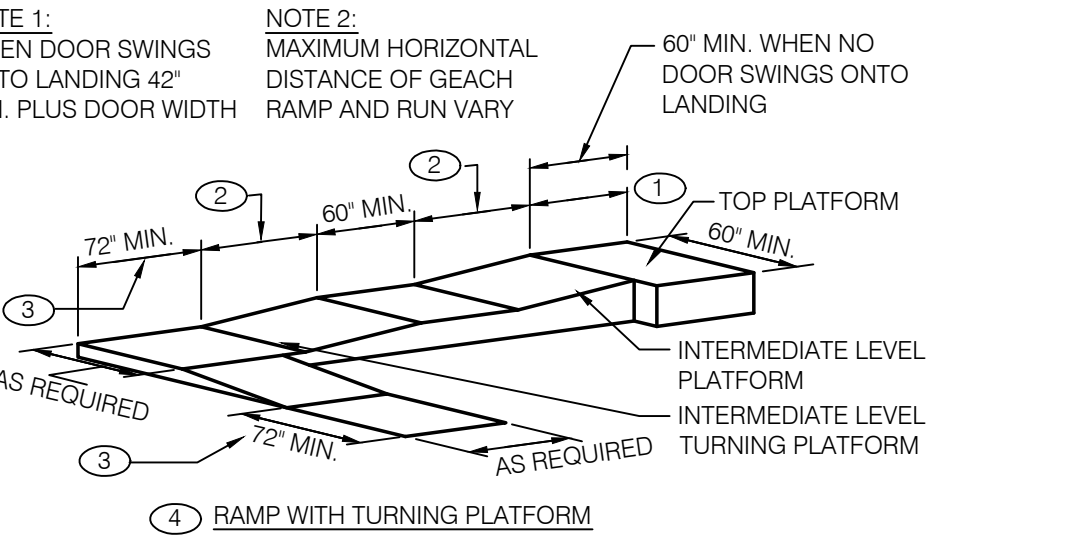
16 RAMPS N.T.S.



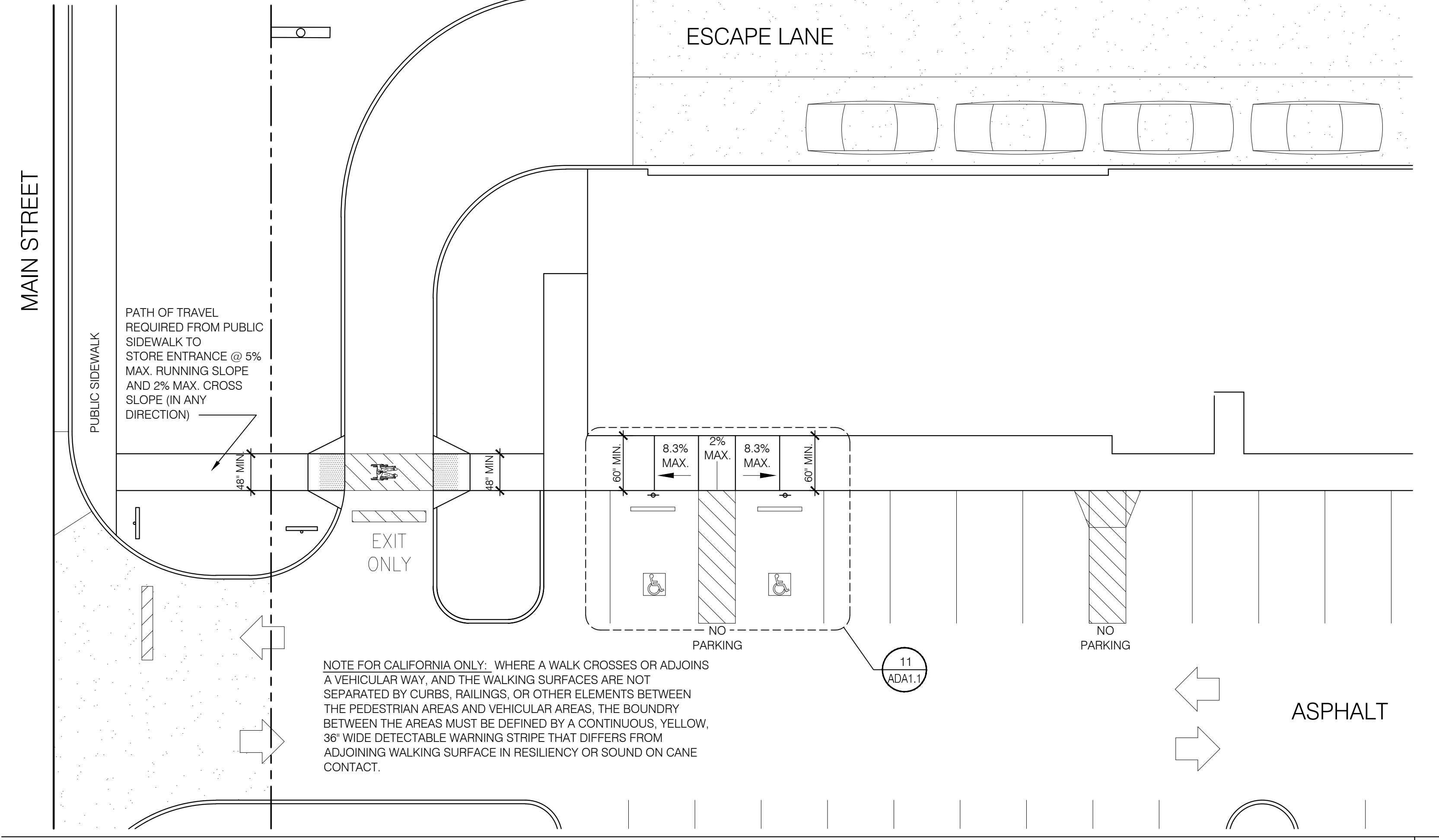
16 CLEAR WIDTH OF ACCESSIBLE ROUTE



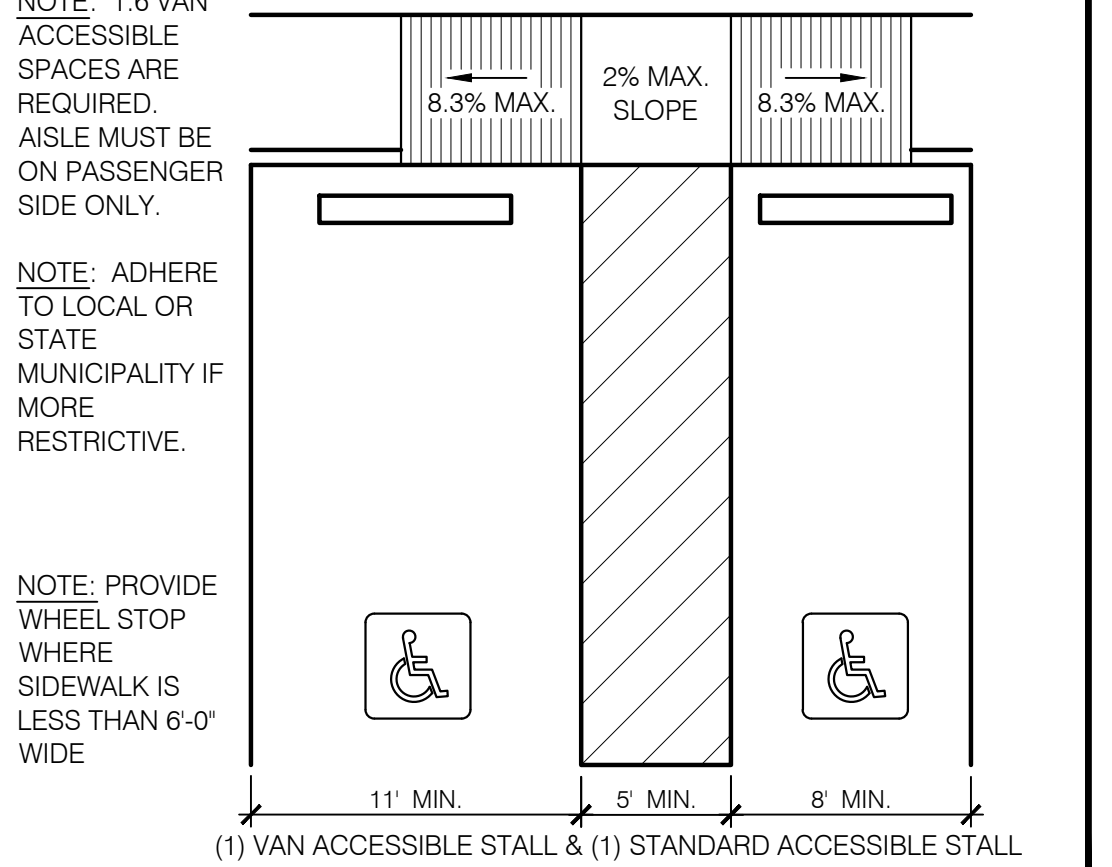
16 RAMP LANDING AT DOORWAY



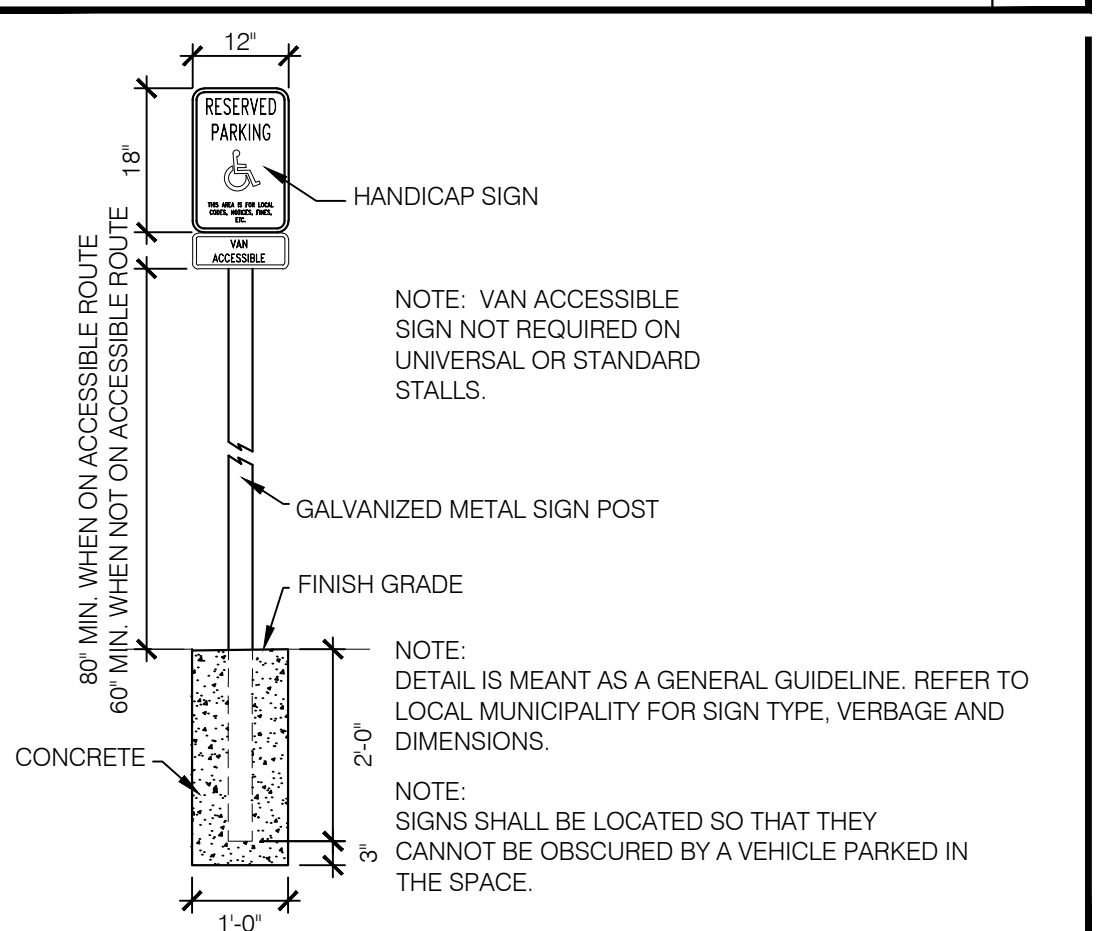
16 RAMPS N.T.S.



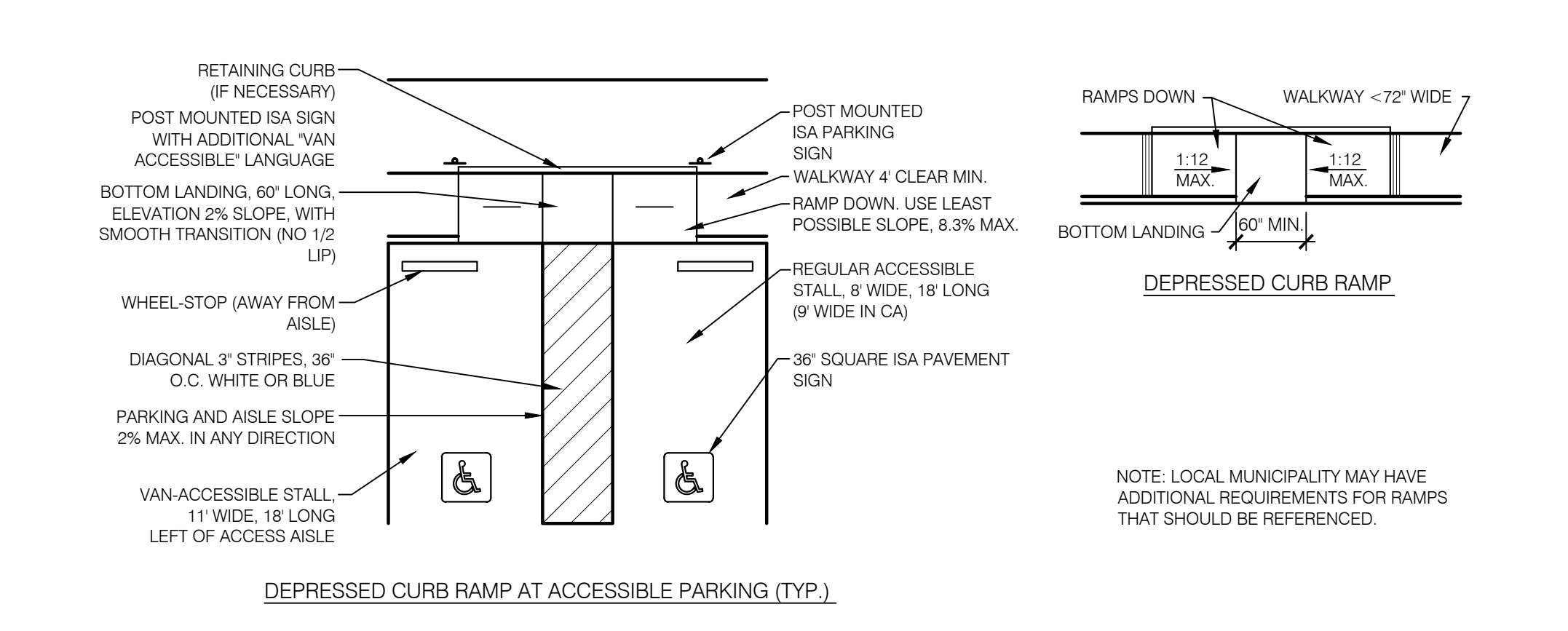
2 EXTERIOR PATH OF TRAVEL N.T.S.



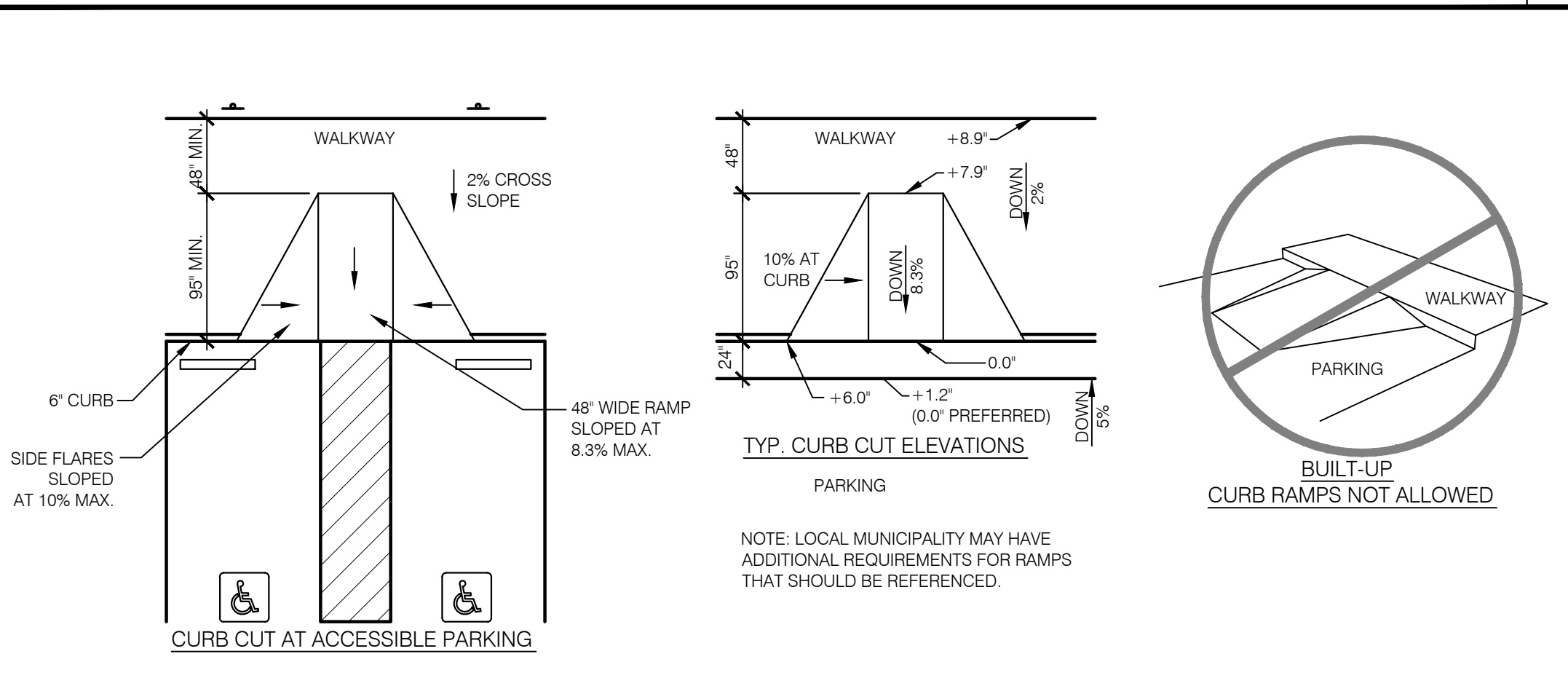
11 ACCESSIBLE PARKING STALL N.T.S.



12 ACCESSIBLE PARKING SIGN N.T.S.



3 CURB RAMPS N.T.S.



4 CURB RAMPS N.T.S.



CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

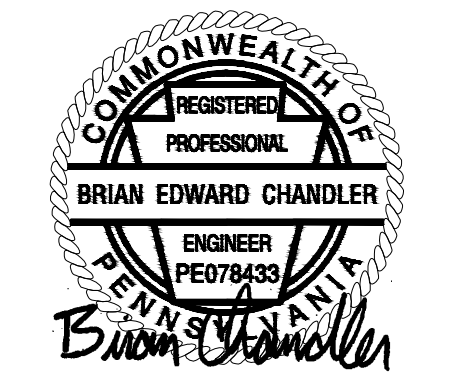
TACO BELL
 US Route 220
 Township of Bedford, PA



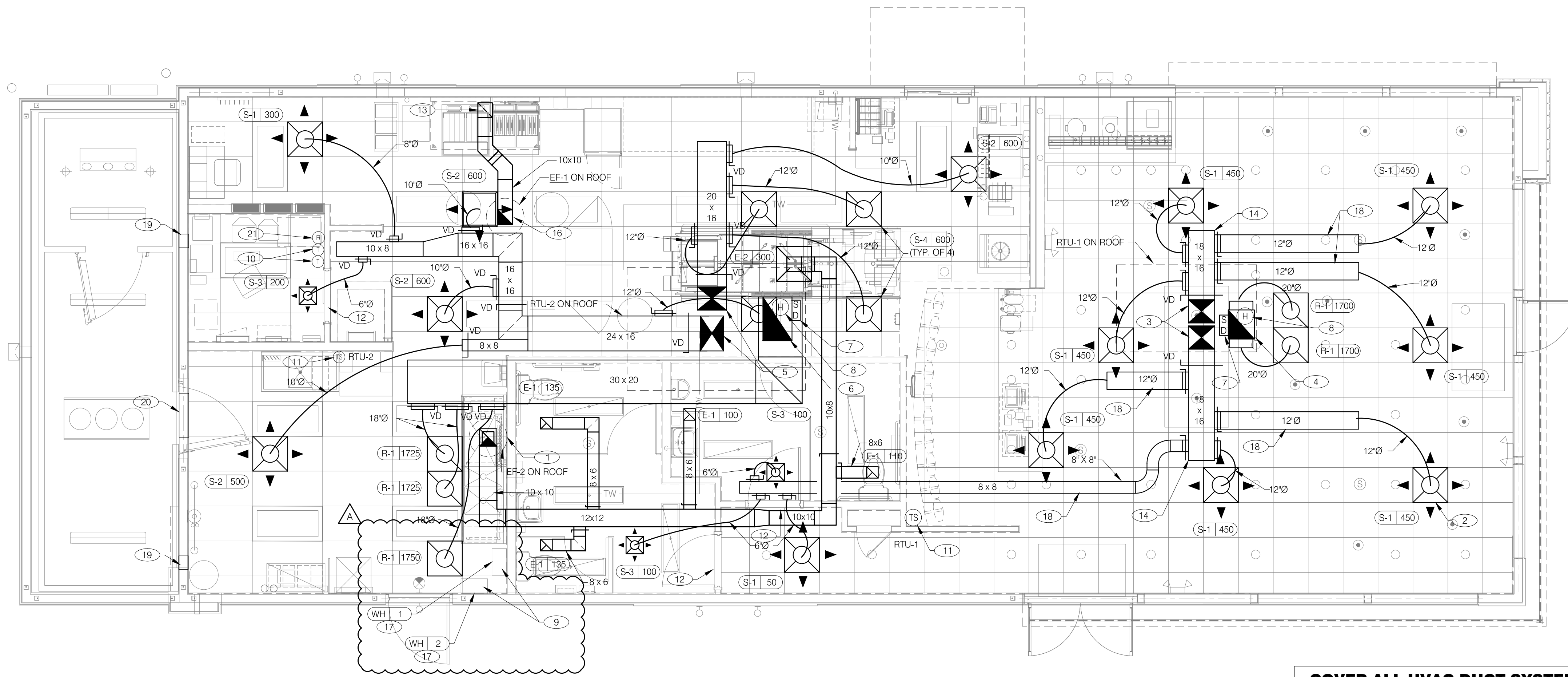
ACCESSIBILITY REQUIREMENTS

ADA1.1

PERMIT PLOT DATE:



12.10.15



COVER ALL HVAC DUCT SYSTEM OPENINGS TO PROTECT FROM CONSTRUCTION DUST AND DEBRIS UNTIL CONSTRUCTION IS COMPLETE. IF THE HVAC SYSTEM IS OPERATED BEFORE CONSTRUCTION IS COMPLETE, PROVIDE MERV8 FILTERS AT ALL AIR INTAKES INSIDE THE BUILDING.

OWNERS COMMENTS	12.07.15

CONTRACT DATE:	04.14.15
BUILDING TYPE:	LIVE MAS -Large 50
PLAN VERSION:	06.08.15 -- REV 0
SITE NUMBER:	
STORE NUMBER:	

TACO BELL
 US Route 220
 Township of Bedford, PA

LIVE MAS
 LARGE50
DUCT AND DIFFUSER PLAN
M2.0

PERMIT PLOT DATE:

12 11 10 9 8 7 6 5 4 3 2 1
DUCT AND DIFFUSER PLAN 1/4"=1'-0" A

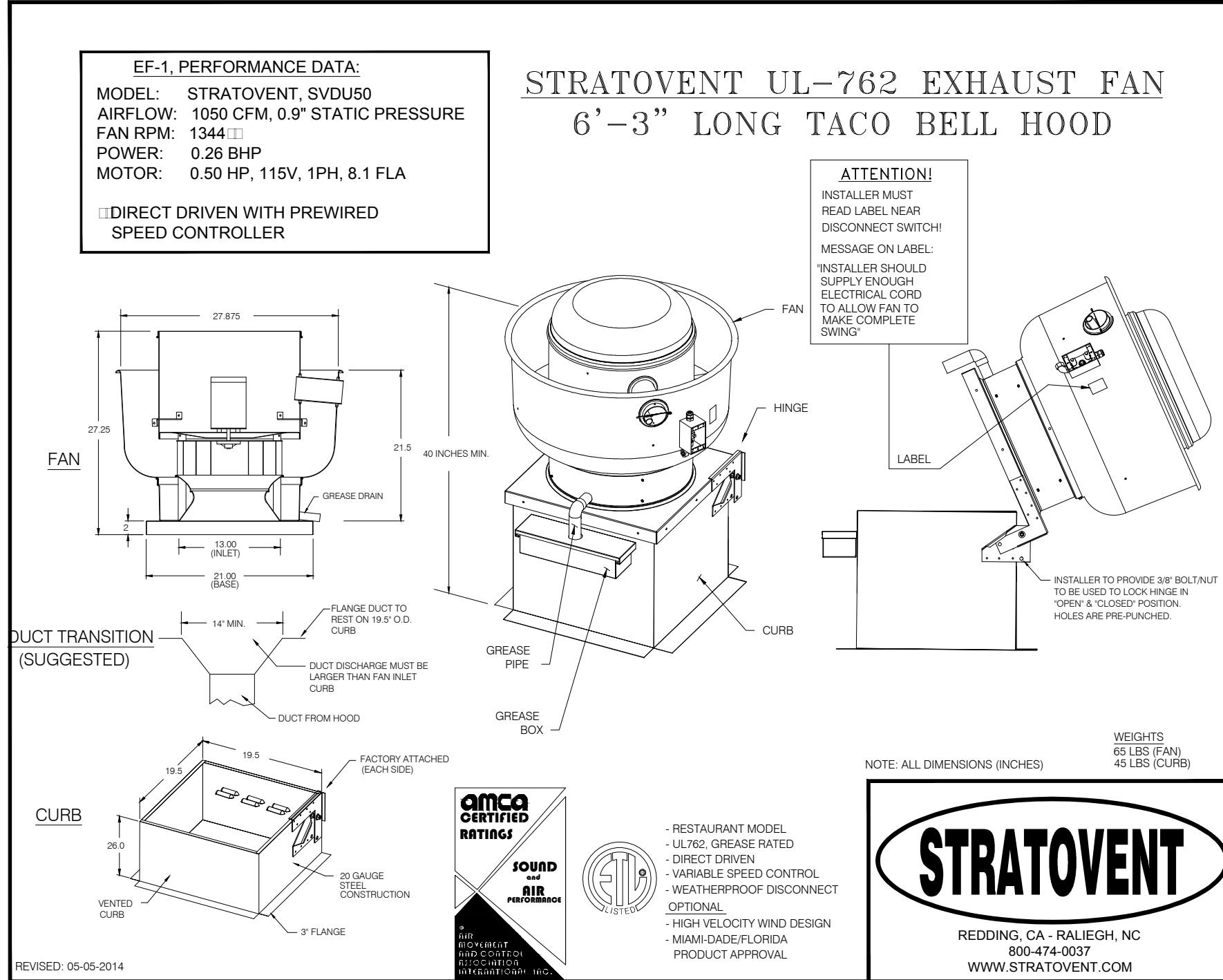
- GENERAL NOTES**
- DINING ROOM LIGHT FIXTURE LOCATIONS ARE CRITICAL. COORDINATE DUCTWORK LOCATIONS SO AS NOT TO CONFLICT WITH LIGHT FIXTURE LOCATIONS.
 - THERMOSTATS SHALL BE PROGRAMMABLE THERMOSTAT WITH SUBBASE, REMOTE TEMPERATURE SENSOR, AND REMOTE HUMIDITY SENSOR. (PROVIDED WITH TRANE PACKAGE).
 - HUMIDITY SENSOR APPLICATION IS VARIABLE PER SITE SPECIFIC CONDITIONS. REFER TO HVAC UNIT SCHEDULE, 1/M1.0, FOR APPLICATION CONDITIONS.
 - COORDINATE DUCTWORK LOCATIONS WITH LIGHTING AND STRUCTURAL.

- 12X12 EXHAUST AIR DUCT UP THROUGH ROOF TO EF-2.
- SEE DETAIL 8 ON DRAWING M4.0 FOR SUPPLY AIR TAKE-OFF TO CEILING DIFFUSERS. RETURN OR EXHAUST AIR TAKE-OFFS SHALL BE SIMILAR.
- (2) 18x16 SUPPLY AIR DUCTS UP. CONNECT TO 34x18 SUPPLY AIR PLENUM AT ROOFTOP UNIT RTU-1.
- 20x18 RETURN AIR DUCT UP. CONNECT TO 34x18 RETURN AIR PLENUM AT ROOFTOP UNIT RTU-1.
- (1) 20x16 AND (1) 24x16 SUPPLY AIR DUCTS UP. CONNECT TO 52x26 SUPPLY AIR PLENUM AT ROOFTOP UNIT RTU-2.
- 30x20 RETURN AIR DUCT UP. CONNECT TO 60x18 RETURN AIR PLENUM AT ROOFTOP UNIT RTU-2.
- FURNISH AND INSTALL SMOKE DETECTOR IN THE RETURN AIR DUCT, IN ACCORDANCE WITH LOCAL CODES. DUCT SMOKE DETECTOR WIRED BY ELECTRICAL CONTRACTOR, SEE SHEET E3.2.
- HUMIDITY SENSOR (REMOTE). HUMIDITY SENSOR LOCATION SHALL BE PLACED IN RETURN AIR DUCTWORK. VERIFY EXACT LOCATION. SEE 9/M4.0.
- FURNISH AND INSTALL 3" PVC WATER HEATER FLUE VENT TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES. MAINTAIN MIN. 10'-0" FROM NEAREST RTU INTAKE. REFER TO DETAILS 2 / P6.0, 13 / A6.0.
- LOCATE THERMOSTAT CONTROLS ON WALL IN OFFICE AT 48" A.F.F. COORDINATE LOCATION WITH LIGHT SWITCHES.

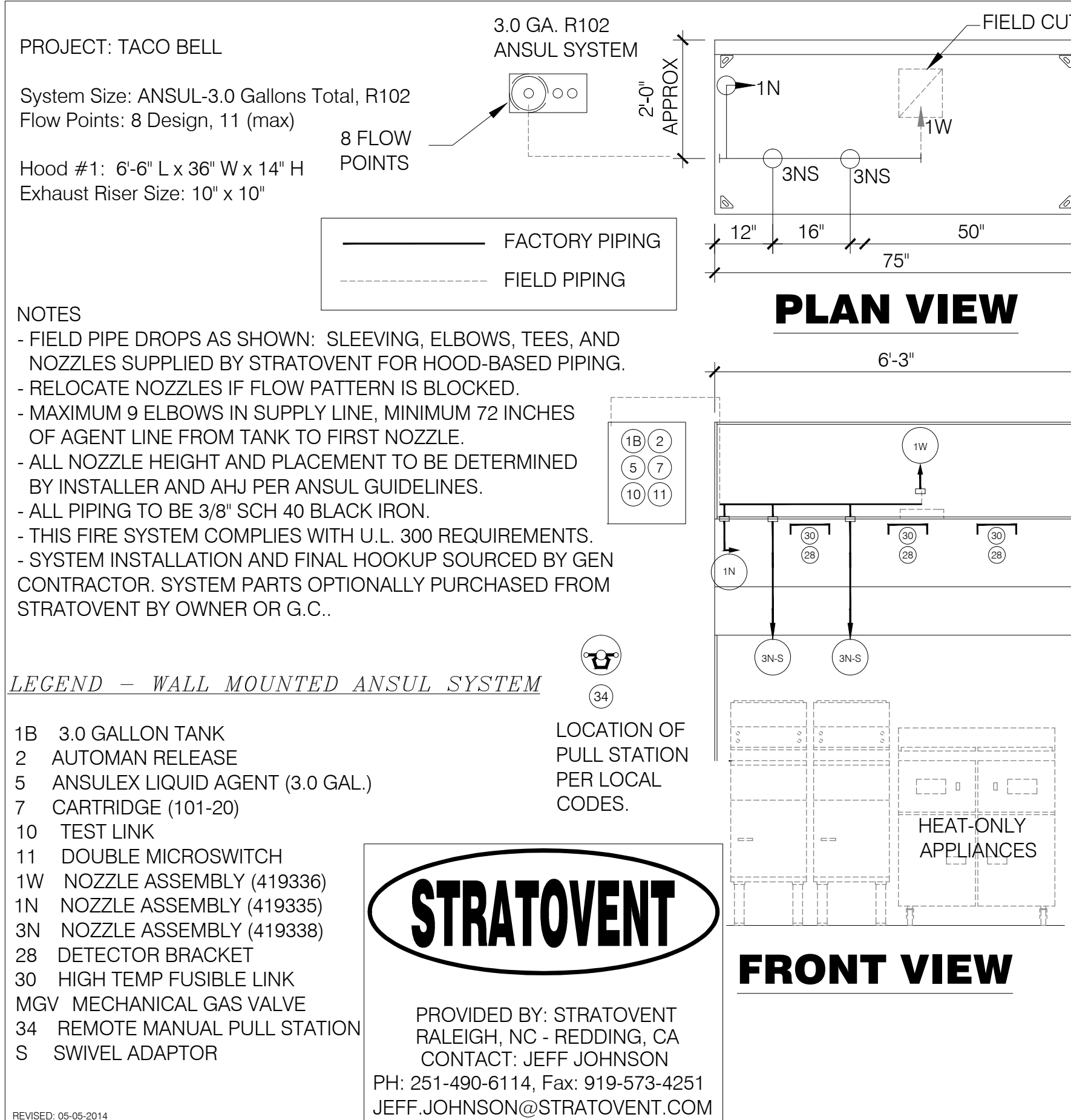
- MOUNT THERMOSTAT REMOTE SENSOR AT 60" ABOVE FINISHED FLOOR.
- UNDERCUT RESTROOM DOORS AND OFFICE DOOR MIN. 3/4" FOR MAKE-UP AIR.
- 10X10 EXHAUST AIR DUCT DOWN AND TRANSITION TO EXHAUST CONNECTION AT HOOD. EXHAUST DUCT SHALL RUN BETWEEN ROOF JOISTS TO CONNECT TO ROOF EXHAUST FAN EF-1. SEE HOOD DETAILS ON DRAWING M3.0. SEE DETAIL 15 ON SHEET M4.0 FOR FIRE PROTECTION OF DUCT WORK. SEE DETAIL 18 ON SHEET M4.0 FOR EXHAUST DUCT TRANSITION.
- RUN DUCTWORK BETWEEN JOISTS AS HIGH AS POSSIBLE UNDER ROOF JOISTS.
- NOT USED.
- EXHAUST DUCTWORK RUN UP BETWEEN ROOF JOISTS TO EF-1.
- FURNISH AND INSTALL 3" PVC WATER HEATER COMBUSTION AIR INTAKE TERMINATION ON ROOF. COORDINATE WORK WITH ALL TRADES. REFER TO DETAILS 2 / P6.0, 13 / A6.0.
- RUN DUCT THROUGH OPEN WEBBING OF ROOF JOISTS (WHERE POSSIBLE). COORDINATE WITH TRUSS DESIGN PRIOR TO DUCTWORK FABRICATION.
- AIR TRANSFER GRILLS. SEE SECTION 'B' ON SHEET A5.2.
- ACCESS OPENING TO SPACE ABOVE WALK-IN. SEE SHEET A7.1.
- NEW SMOKE DETECTOR RESET SWITCH WITH KEY. MFR. IS 'SYSTEM SENSOR' MODEL # RT5151 KEY. MOUNT NEXT TO THERMOSTATS @ 48" A.F.F. - INSTALL PER MFR. SPECIFICATIONS.

NOT USED

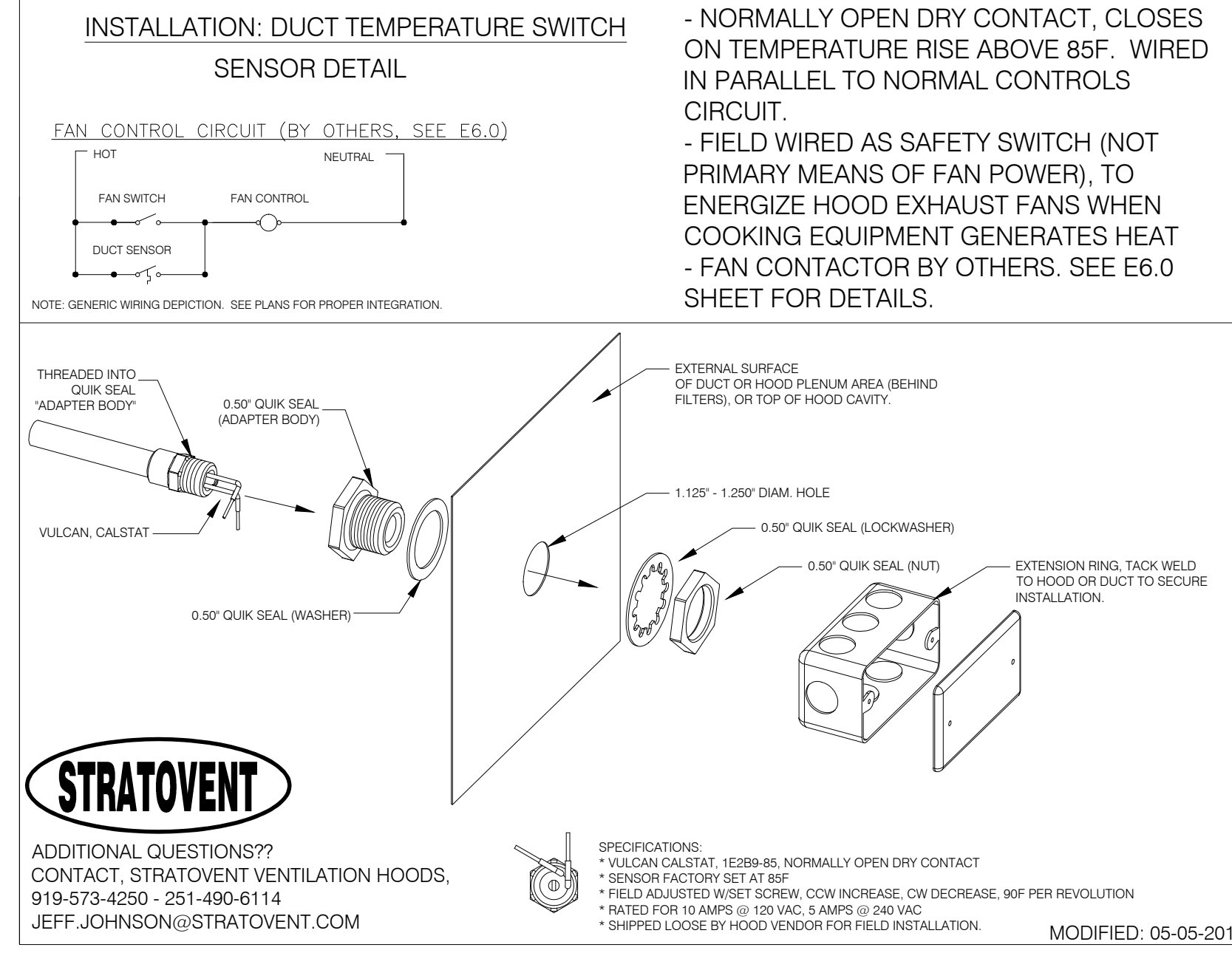
KEY NOTES



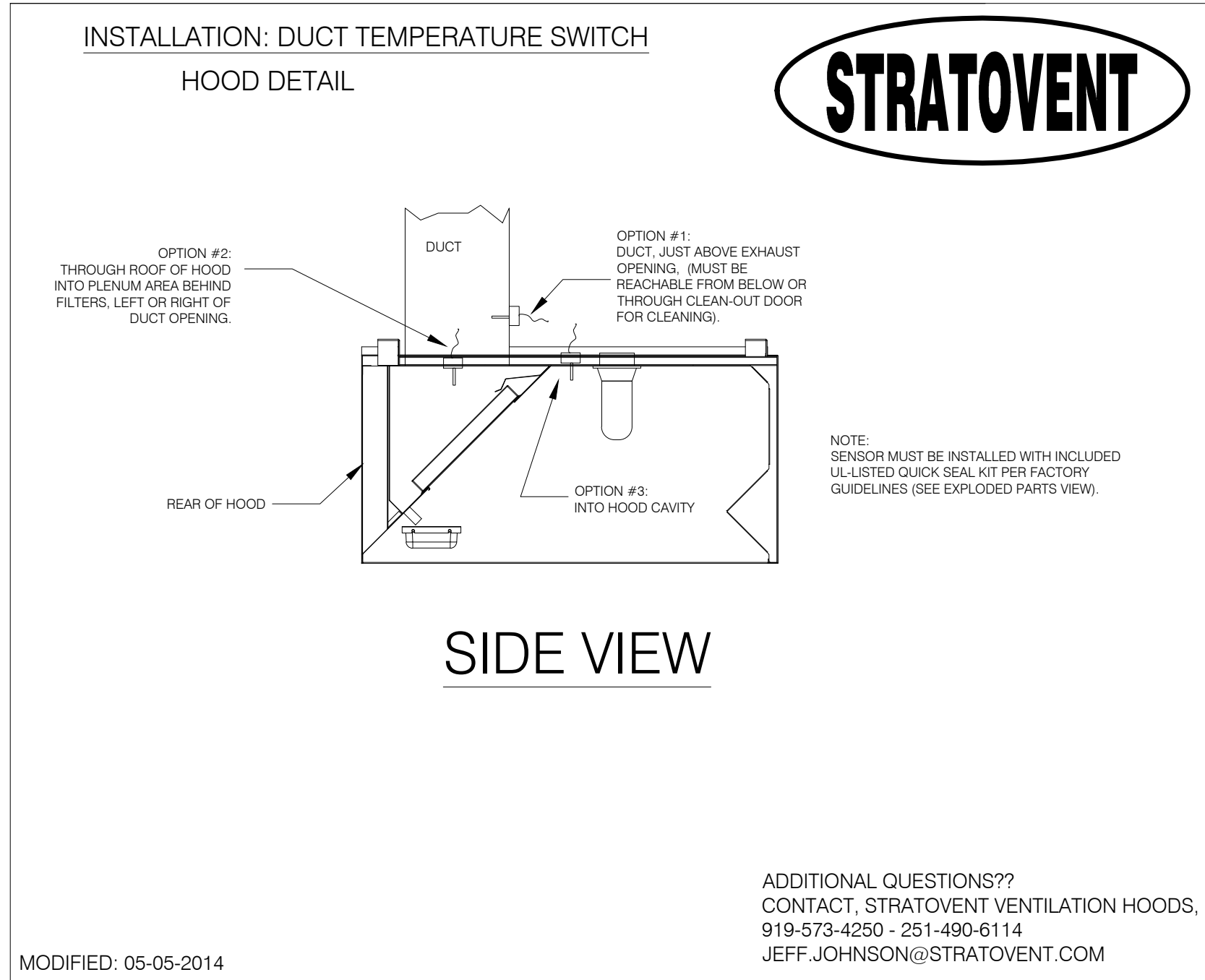
TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN N.T.S. **14**



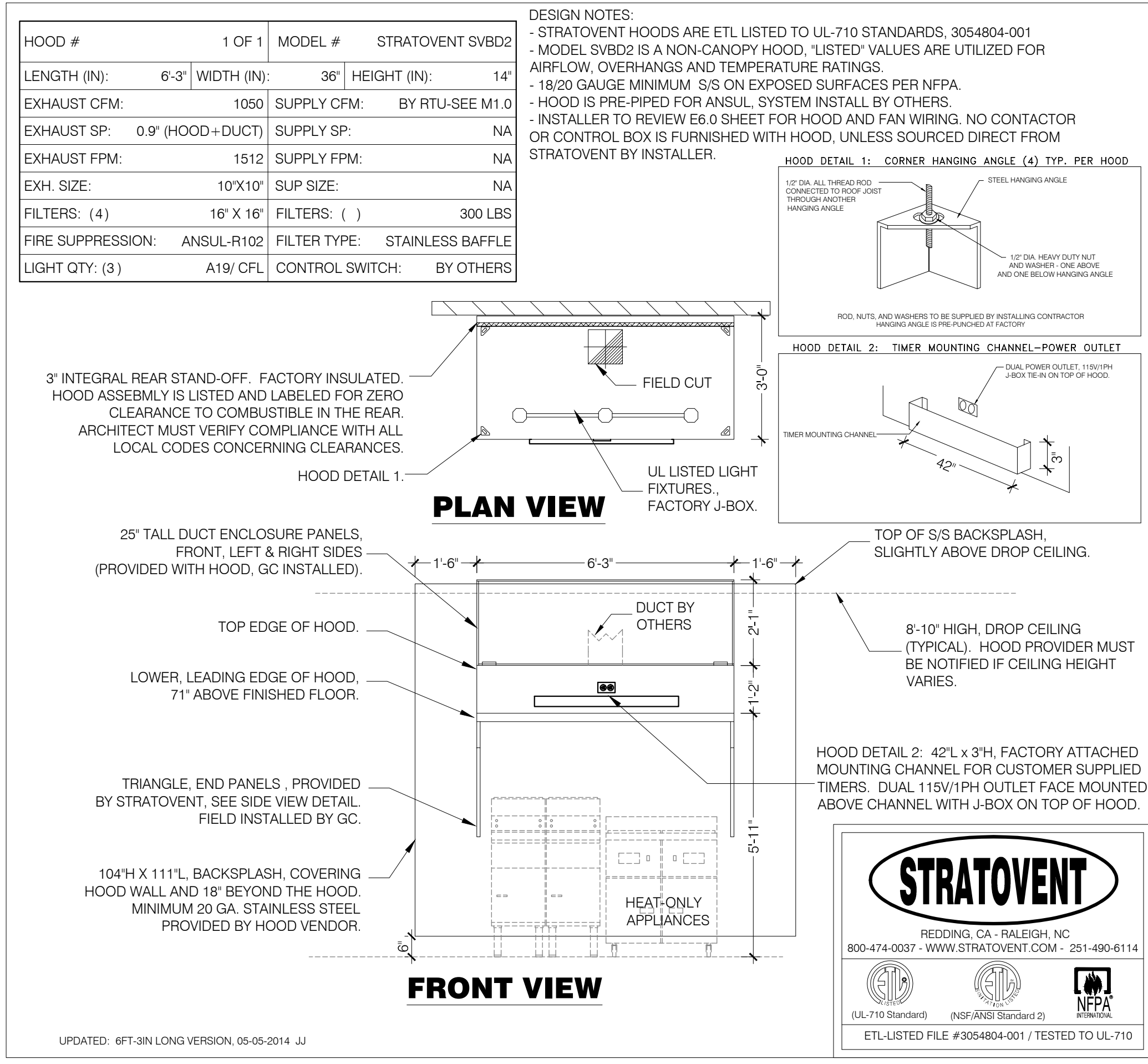
TACO BELL HOOD FIRE SUPPRESSION SYSTEM PLAN N.T.S. **16**



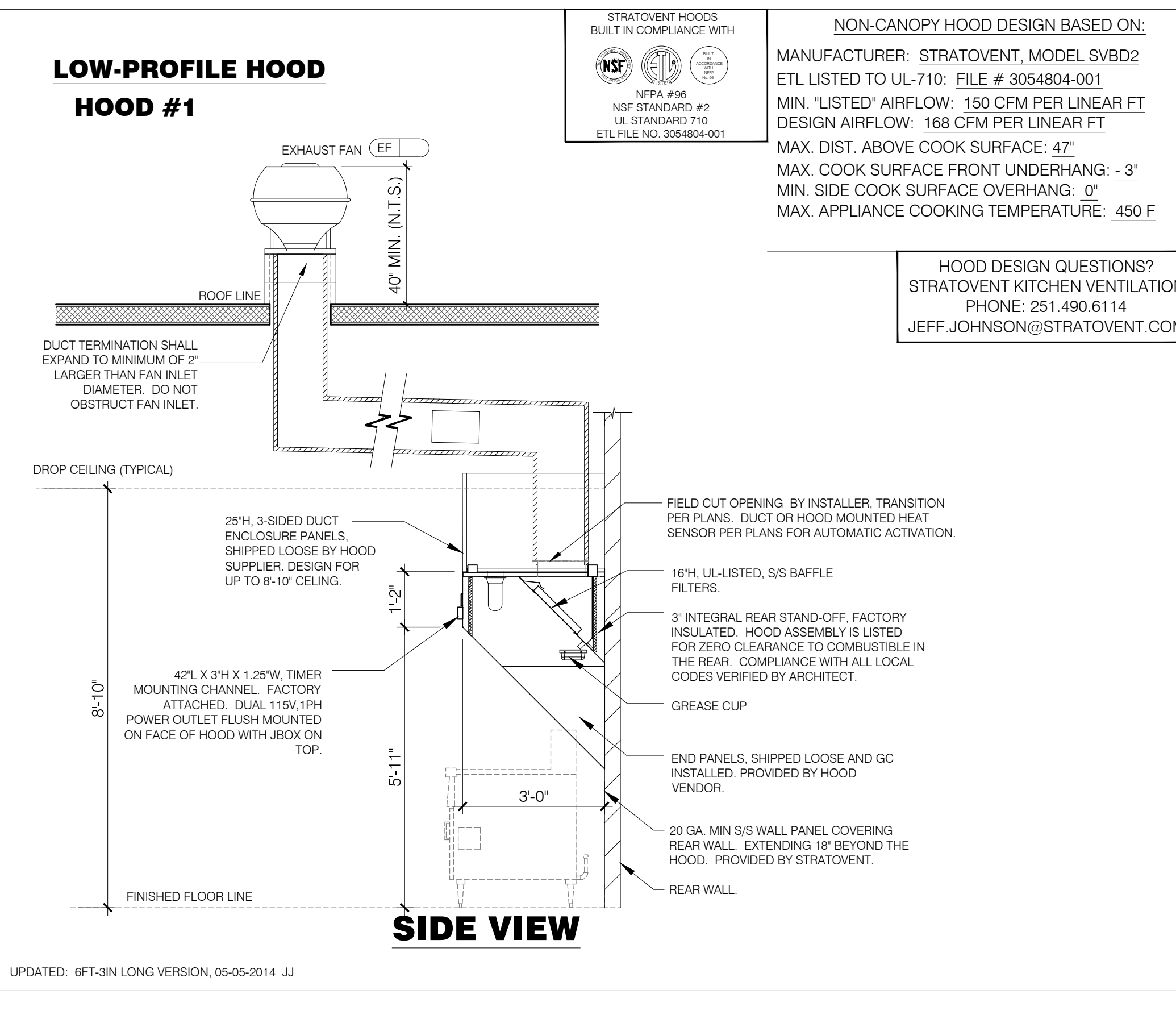
HEAT SENSOR ATTACHMENT N.T.S. **10**



HEAT SENSOR LOCATION N.T.S. **12**



TACO BELL HOOD DETAIL N.T.S. **2**



TACO BELL HOOD SECTION N.T.S. **4**

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 E-MAIL: bchandler@tdstudio4.com

COMMONWEALTH OF PENNSYLVANIA
 REGISTERED PROFESSIONAL ENGINEER
 BRIAN EDWARD CHANDLER
 PE078433
 Brian Chandler

12.10.15

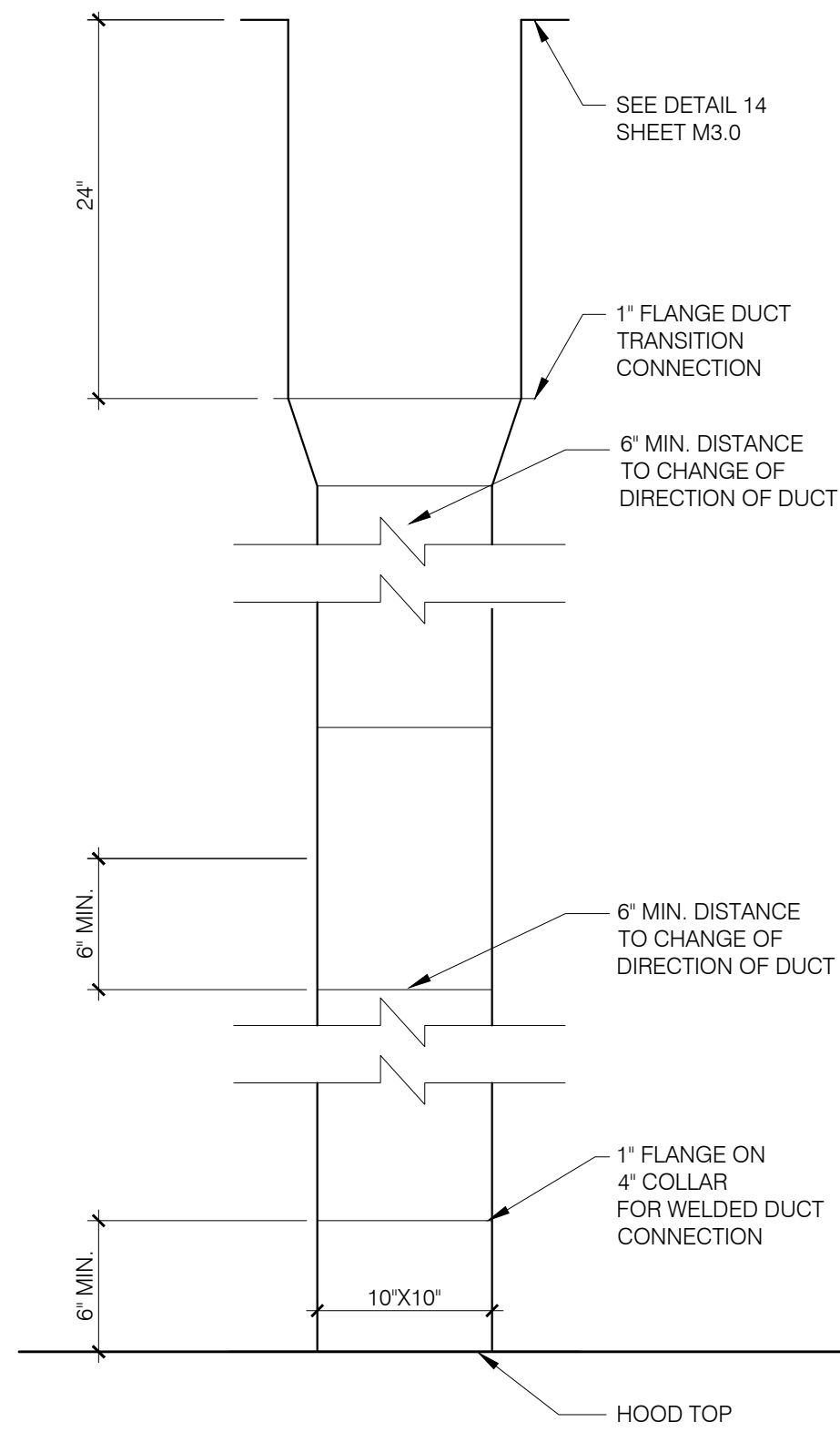
CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA

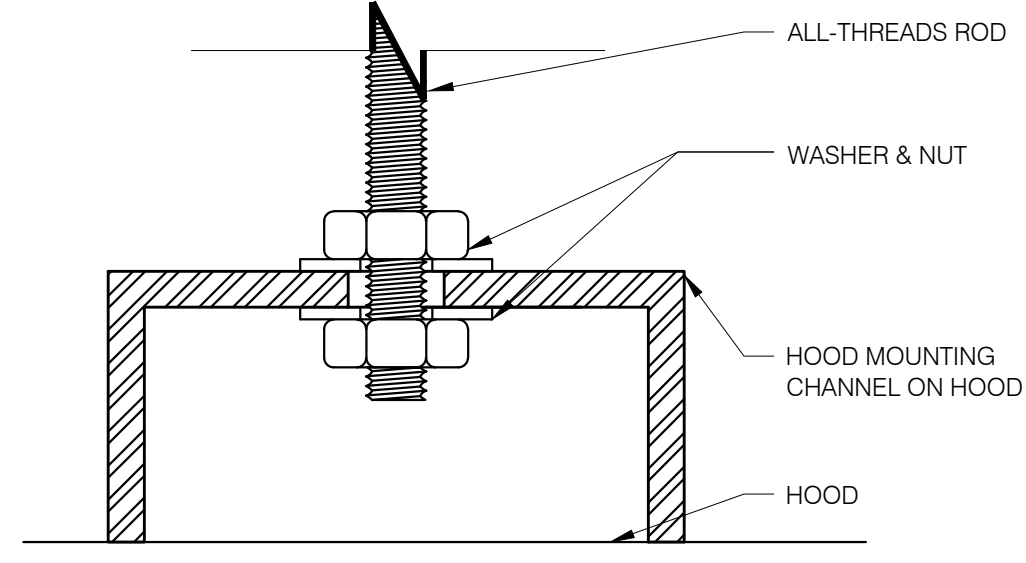
TACO BELL
 LIVE MAS
 LARGE50

HOOD DRAWINGS PLANS AND SECTIONS M3.0

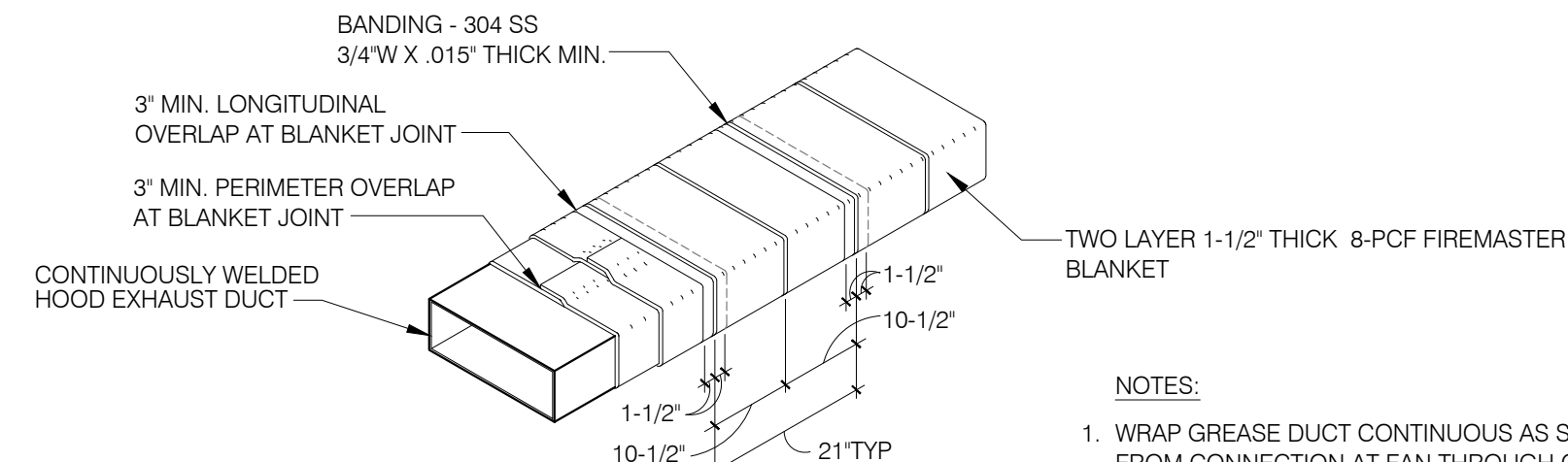
PERMIT PLOT DATE:



TB HOOD DUCT TRANSITION N.T.S. **18**



BOLT CONNECTION TO HOOD N.T.S. **14**

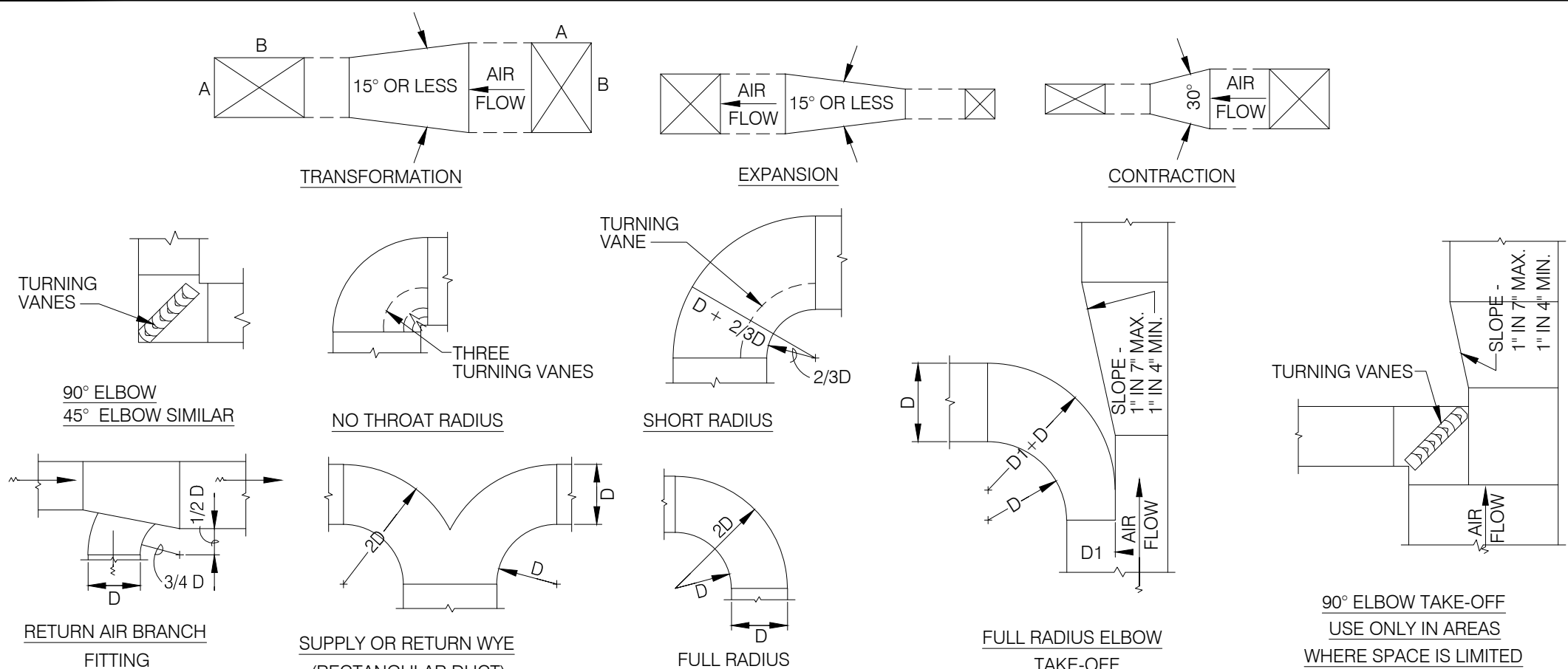


BANDING REQUIREMENTS: USE 304 STAINLESS STEEL BANDS A MAXIMUM 1-1/2\"/>

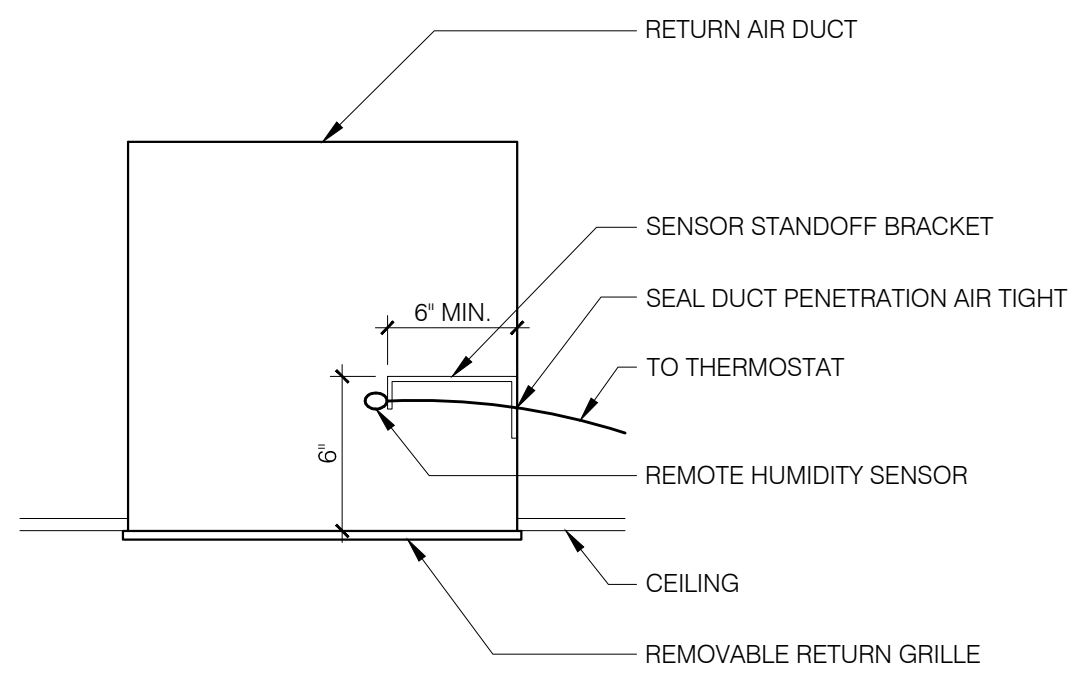
NOTES:

1. WRAP GREASE DUCT CONTINUOUS AS SHOWN FROM CONNECTION AT FAN THROUGH CURB AND EXTEND 18\"/>

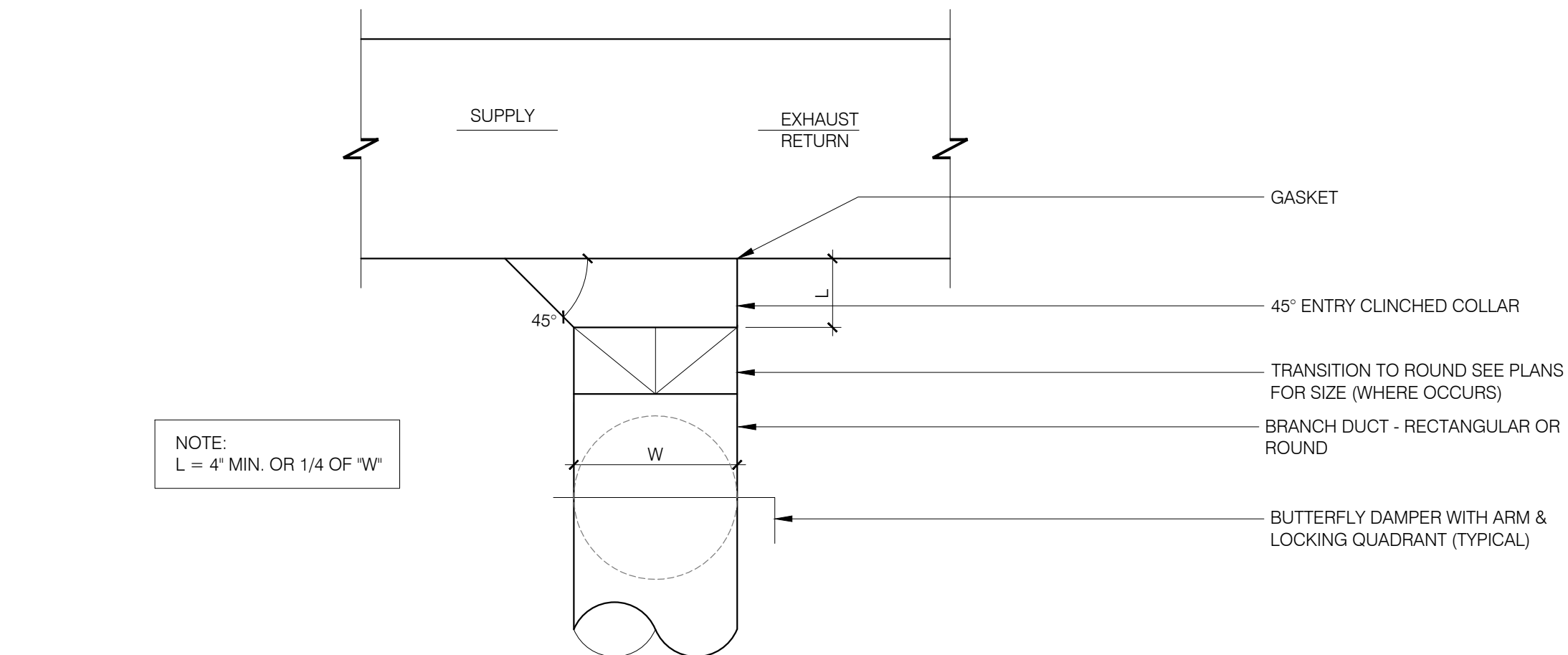
KITCHEN HOOD EXHAUST DUCT SYSTEM DETAIL N.T.S. **15**



TYPICAL DUCTWORK DETAILS N.T.S. **16**

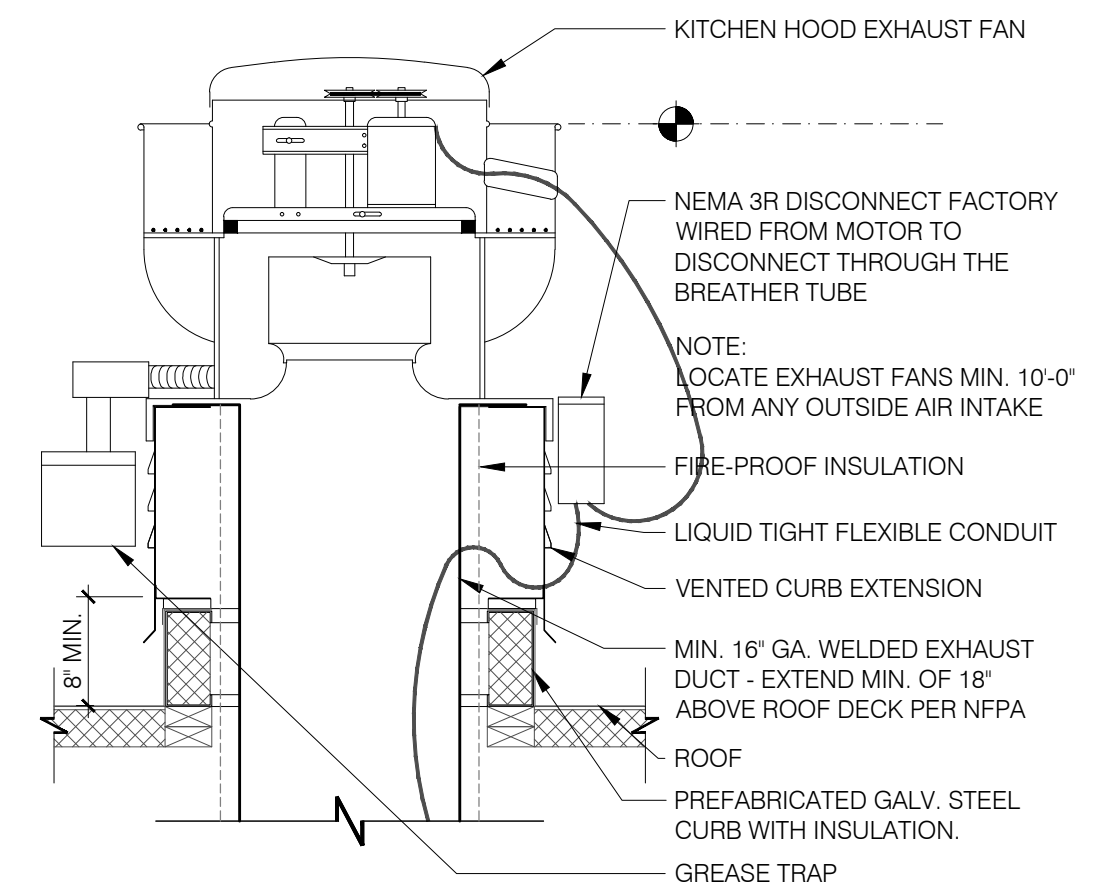


REMOTE HUMIDITY SENSOR N.T.S. **9**

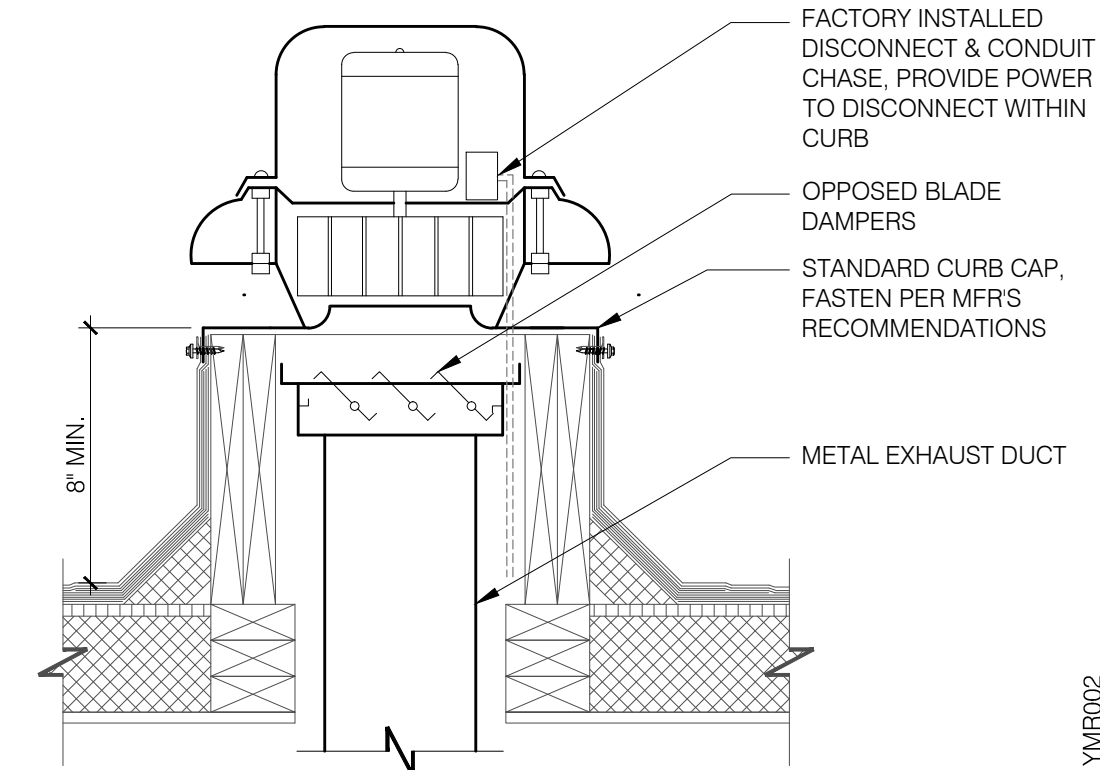


NOTE:
L = 4\"/>

CEILING DIFFUSER CONNECTIONS N.T.S. **8**



EXHAUST FAN EF-1 N.T.S. **1**



RESTROOM FAN (EF-2) N.T.S. **2**

1. Hoods shall be constructed of minimum 20 gauge stainless steel with # 3 polish. All unexposed surfaces shall be constructed of minimum 18 gauge aluminized steel.
2. UL classified aluminum or stainless steel baffle-type filters shall be easily removed for cleaning. Filter housing shall terminate in a pitched grease trough that drains into a removable stainless steel grease cup.
3. UL listed and NSF approved vapor proof incandescent light fixtures pre-wired to junction box at top of hood in accordance with NEC 70.
4. Pre-piped fire suppression systems shall be located on the top of the hood and provided with the hood or by a certified technician. Final location of all nozzles and fire suppression drops to be locally approved and inspected.
5. Hood(s) shall be fabricated in accordance with NFPA Bulletin #96 and shall bear the NSF Seal of Approval. Hoods shall be listed under UL 710 EXHAUST HOODS FOR COMMERCIAL COOKING EQUIPMENT, Certified by ETL under FILE# 3054804-001.



THIS HOOD DESIGN IS BASED UPON STRATOVENT, MODEL SVND2. MANUFACTURED BY:
STRATOVENT VENTILATION HOODS
RALEIGH, NC 27616
CONTACT: JEFF JOHNSON, 251-490-6114

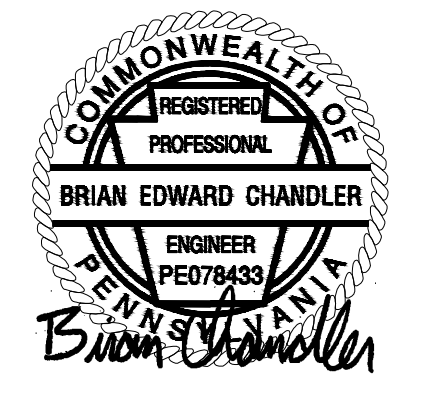
HOOD NOTES AND SPECS (TYP.) **4**

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ENGINEER:

BRIAN EDWARD CHANDLER, PE

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PHONE: 972.870.1288
E-MAIL: bchandler@idstudio4.com



12.10.15

CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS -Large 50
PLAN VERSION: 06.08.15 -- REV 0
SITE NUMBER:
STORE NUMBER:

TACO BELL

US Route 220
Township of Bedford, PA



LIVE MAS

LARGE50

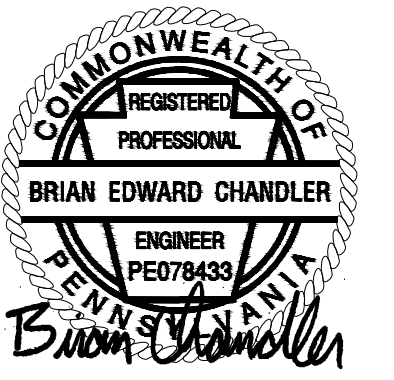
MECHANICAL AND HOOD DETAILS

M4.0

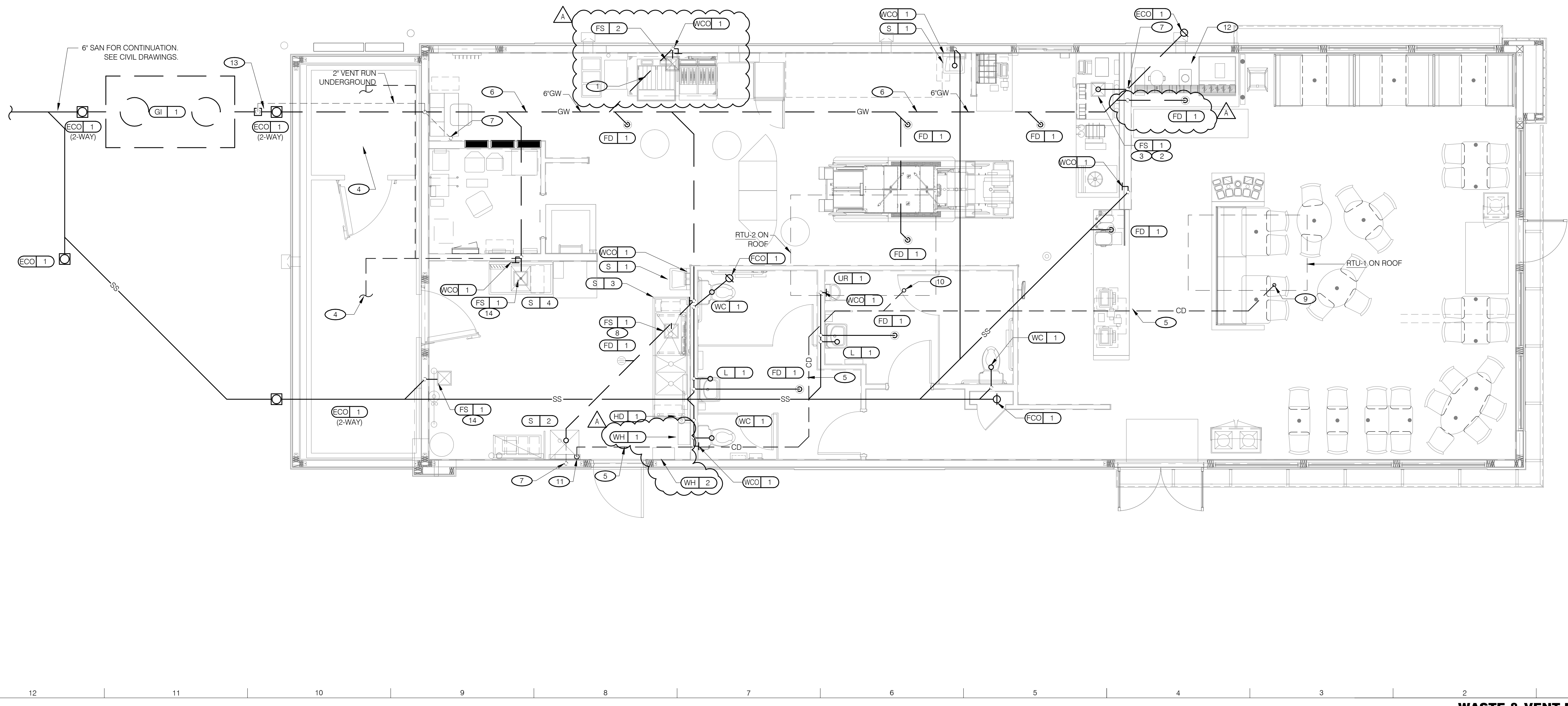
PERMIT PLOT DATE:

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 kathleendayarchitect@gmail.com

ENGINEER:
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 SUITE 510
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 PHONE: 972.870.1288
 E-MAIL: bchandler@idstudio4.com



12.10.15



NO.	OWNERS COMMENTS	DATE
1		12.07.15
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV O
 SITE NUMBER:
 STORE NUMBER:

WASTE & VENT PLAN 1/4"=1'-0" A

TACO BELL
 US Route 220
 Township of Bedford, PA



WASTE AND VENT PLAN P2.0

PERMIT PLOT DATE:

NOT USED N.T.S. E

NOT USED D

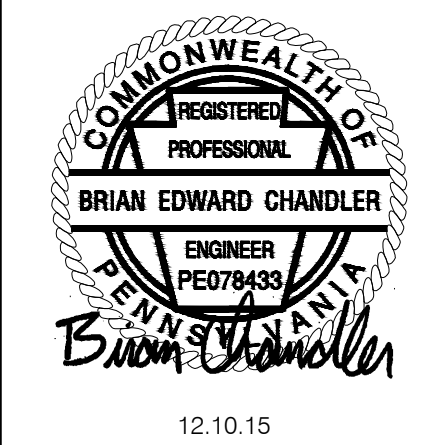
WASTE & VENT PLAN NOTES C

- A. NO ROOF PENETRATIONS PERMITTED WITHIN ROOF WATER PLY. REFER TO ROOF PLAN FOR LOCATIONS.
- B. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR ALL WASTE AND VENT SIZES.
- C. STORM WATER PIPING IS SIZED FOR A RAINFALL OF 4" PER HOUR. ADJUST ROOF DRAIN (RD-1) SIZE AND STORM PIPE SIZES PER THE LOCAL RAINFALL REQUIREMENTS AND BY THE AUTHORITY HAVING JURISDICTION. PIPE SHALL DISCHARGE OVER DRIVE-THRU ROADWAY CURB OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
- D. INSULATE ALL HORIZONTAL RUNS OF STORM DRAINAGE PIPING ABOVE THE CEILING OR EXPOSED WITH 1" CLOSED CELLULAR INSULATION WITH VAPOR BARRIER JACKET THAT CAN BE PAINTED.
- E. 4" SECONDARY DRAIN OUTLET SHALL EXTEND 2' BEYOND FINISHED WALL. SEE ARCHITECTURAL DRAWING A4.0 FOR INSTALLATION PROCEDURE AND A4.1 FOR EXACT LOCATION OF DRAIN OUTLET.
- F. COORDINATE LOCATION OF STORM WATER PIPING ABOVE CEILING WITH ALL TRADES PRIOR TO INSTALLATION.

- 1 UNDERGROUND SANITARY PIPE SHALL BE HUB CAST IRON PIPE FOR THE FIRST 10 FEET FROM CONNECTION TO FLOOR SINK FS-2, OUTWARD.
- 2 PROVIDE CONDENSATE LINE AND DRAIN LINE FROM ICE MACHINE TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE.
- 3 PROVIDE WASTE LINES FROM BEVERAGE UNIT TO HD / FS, PROVIDE AIR GAP PER LOCAL CODE.
- 4 PROVIDE 3/4" COPPER CONDENSATE FROM COOLER/FREEZER EVAPORATOR DRAIN PROVIDED BY VENDOR TO OUTFALL AT FLOOR SINK (HEAT ROPE IS SUPPLIED WITH FREEZER CONDENSATE). PIPE FROM REVERSE OSMOSIS SYSTEM TO FLOOR SINK.
- 5 PVC OR COPPER CONDENSATE DRAIN FROM HVAC UNITS ON ROOF, RUN ABOVE CEILING TO MOP SINK. PIPING SHALL SLOPE 1/4" PER FOOT AND SHALL BE INSULATED WITH 1" CLOSED CELLULAR INSULATION. REFER TO RISER DIAGRAM ON SHEET P5.0 FOR PIPE SIZES.
- 6 ENTIRE RUN OF DRAIN LINES TO INLET OF EXTERIOR GREASE INTERCEPTOR AND OUTLET OF INTERCEPTOR TO CONNECTION AT SANITARY MAIN SHALL BE SCHEDULE 40 PVC DWV OR AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- 7 3" VENT UP THROUGH ROOF.
- 8 PIPE WASTE FROM 3-COMPARTMENT SINK TO FLOOR SINK WITH AIR GAP PER CODE.
- 9 1" CONDENSATE DRAIN DOWN FROM RTU-1. SEE DETAIL 13 ON DRAWING P6.0.
- 10 1" CONDENSATE DRAIN DOWN FROM RTU-2. SEE DETAIL 13 ON DRAWING P6.0.

- 11 1-1/2" CONDENSATE DRAIN PIPE DOWN TO MOP SINK. PROVIDE AIR GAP AS REQUIRED BY CODE. IF REQUIRED RUN CONDENSATE PIPING TO EXTERIOR DRYWELL, RETENTION AREA OR STORM SEWER AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION.
- 12 RUN DRAIN LINE FROM S/S DRINK MACHINE THRU WALL OPG. TO OUTFALL AT FS BENEATH D/T DRINK MACHINE.
- 13 FLOW CONTROL FITTING WITH VENT.
- 14 DRAIN FOR REVERSE OSMOSIS.

KEY NOTES B



12.10.15

OWNERS COMMENTS 12.07.15

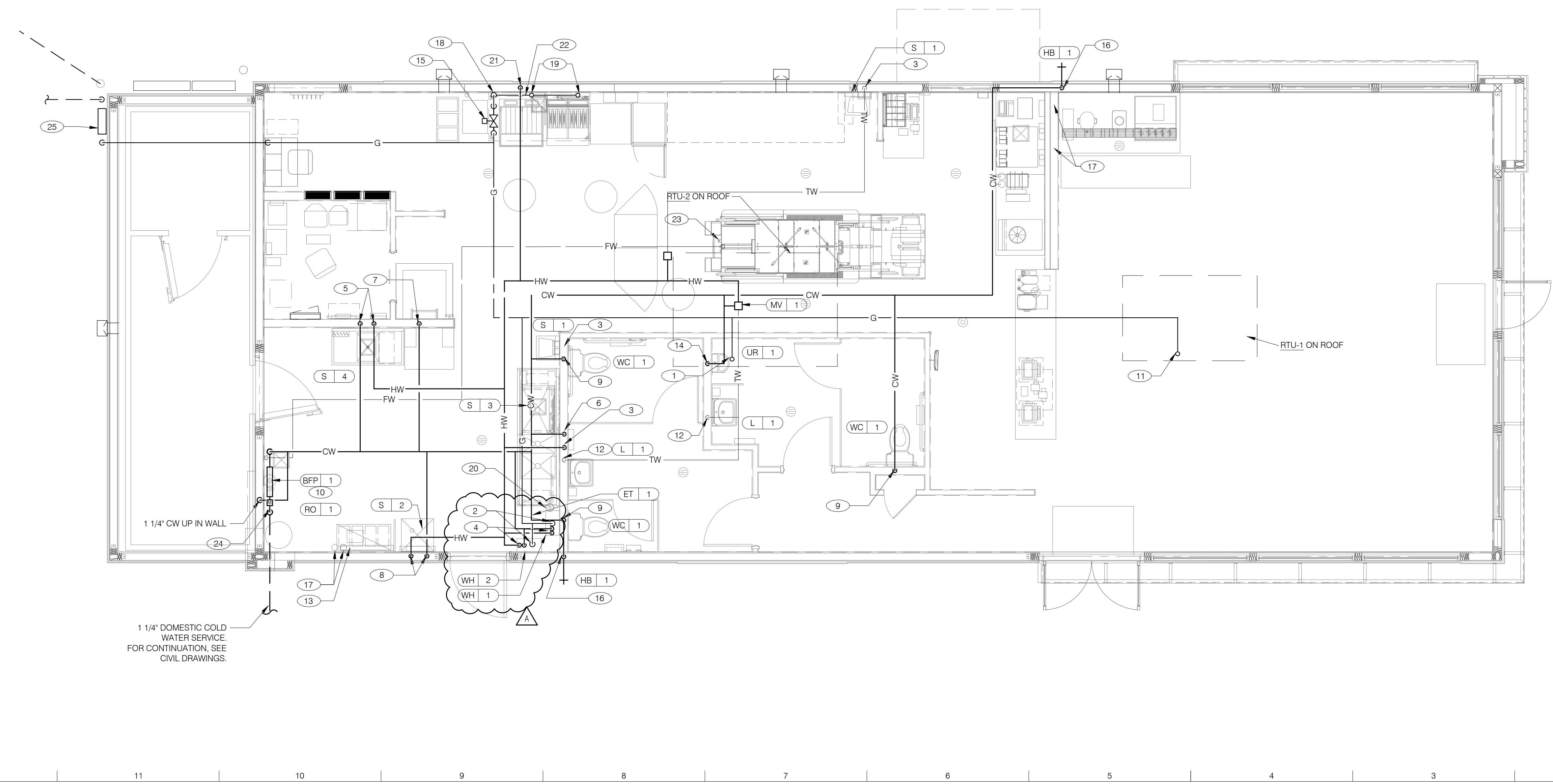
CONTRACT DATE: 04.14.15
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TACO BELL
 US Route 220
 Township of Bedford, PA



WATER AND GAS PLAN
P3.0

PERMIT PLOT DATE:



1 1/4" DOMESTIC COLD WATER SERVICE. FOR CONTINUATION, SEE CIVIL DRAWINGS.

WATER & GAS PLAN 1/4"=1'-0" **A**

- A. WATER DISTRIBUTION PIPING IS SHOWN ABOVE FINISH CEILING. UNDER SLAB DISTRIBUTION ALLOWED AT CONTRACTOR OPTION. COORDINATE ALL DETAILS.
- B. NO ROOF PENETRATIONS PERMITTED WITHIN THE ROOF "WATER VALLEYS", REFER TO ROOF PLAN FOR LOCATIONS.
- C. REFER TO SHT P4.0 FOR ROUGH-IN LOCATIONS.
- D. REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
- E. FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER FILTERS.
- F. PEX WATER LINES ACCEPTABLE AS ALTERNATE TO COPPER WHERE ALLOWED BY CODE.

- 1 1-1/4" GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK, UNION.
- 2 1-1/4" GAS DOWN TO WATER HEATERS WITH GAS COCK, DIRT LEG AND UNION.
- 3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK AND 3 COMP SINK.
- 4 1" HOT AND 1" COLD WATER LINES DOWN TO WATER HEATER.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-450. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO THE WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN THE WALL TO THE MOP SINK.
- 9 1/2" CW DOWN IN WALL TO WATER CLOSET FLUSHOMETER TANK.
- 10 METER AND REDUCED PRESSURE BACKFLOW PREVENTER PER LOCAL UTILITY REQ'S. PROVIDE SHUT-OFF VALVES AT BOTH SIDES OF METER. PIPE BFP RELIEF TO HUB DRAIN. VERIFY LOCATIONS WITH CIVIL DWGS.
- 11 1-1/4" GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK, UNION.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 13 3/4 CW DOWN ALONG WALL TO WATER FILTER S-286.
- 14 3/4" CW DOWN IN WALL TO URINAL FLUSH VALVE.

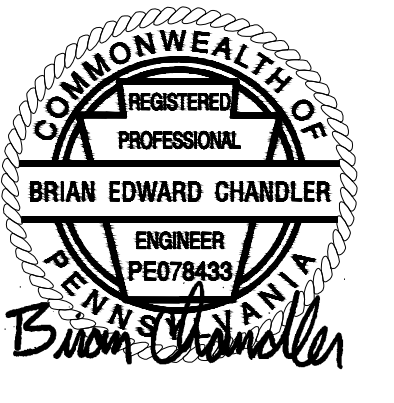
- 15 EMERGENCY GAS SHUT-OFF VALVE LOCATED BELOW CEILING.
- 16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.
- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-543. SEE DRAWINGS A2.0 AND P5.0.
- 18 1-1/4" GAS DOWN ALONG WALL TO TACO BELL COOKING EQUIPMENT.
- 19 3/4" GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 20 3" PVC COMBUSTION AIR AND VENT FOR WTR. HTR. & ATMOSPHERIC FLUE ON HOT WATER HEATER. SEE M2.0.
- 21 1/2" HOT WATER DOWN IN WALL TO TB RETHERMALIZER. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT. HARD GAS LINE BEHIND COOKING EQUIPMENT SHALL NOT BE MORE THAN 6" MAX. FROM THE WALL SURFACE.
- 23 1/4" FILTER WATER LINE DOWN IN UTILITY CHASE OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON FW PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-305 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9 / P6.0.
- 25 GAS METER REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS CO. SEE CIVIL DRAWINGS FOR CONTINUATION.

NOT USED **E**

NOT USED N.T.S. **D**

WATER & GAS PLAN NOTES **C**

KEY NOTES **B**



12.10.15

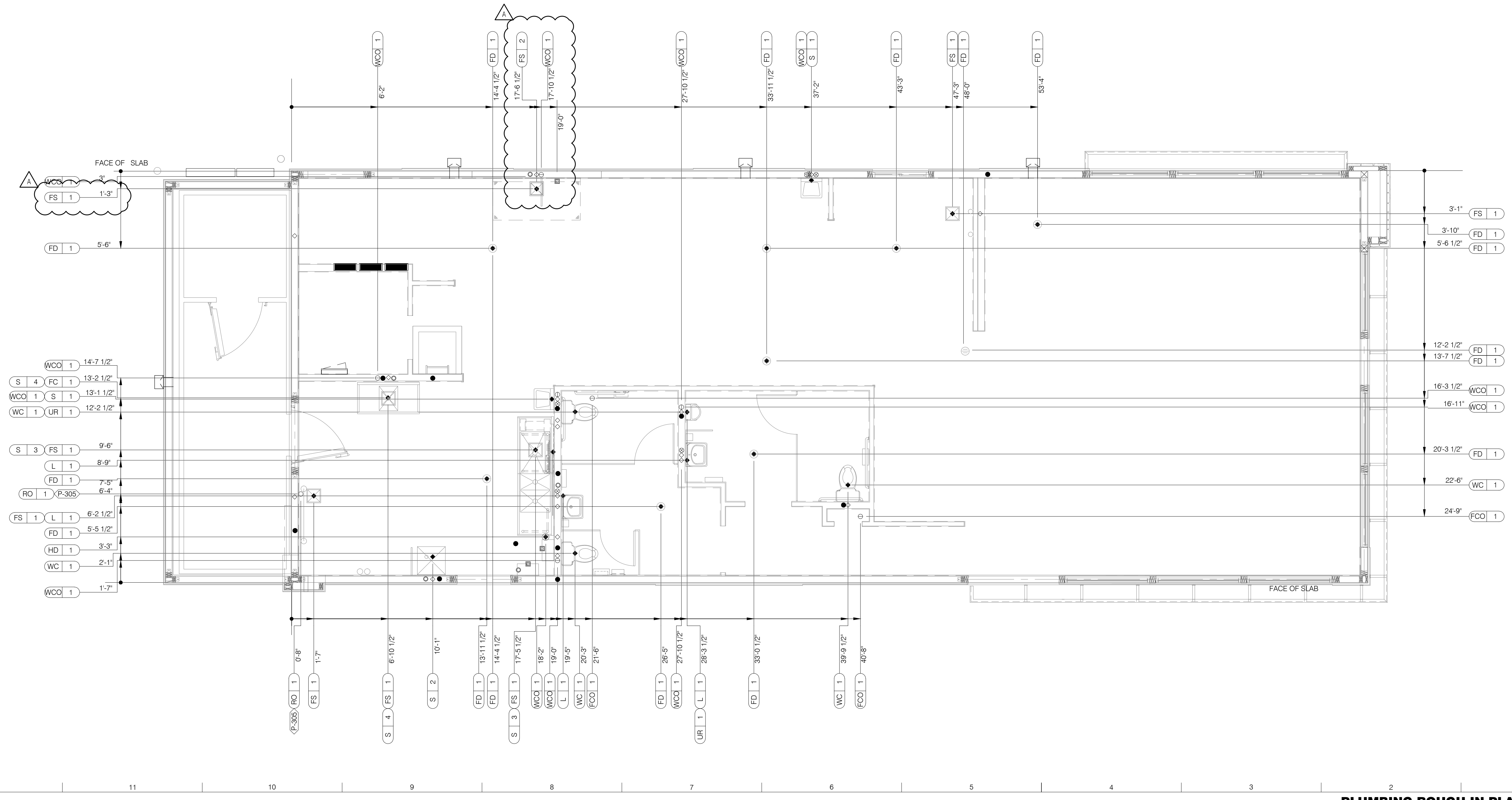
- OWNERS COMMENTS 12.07.15
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CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV O
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA



PERMIT PLOT DATE:



EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS	EQUIP #	EQUIPMENT ITEM	TYPE	ELEVATION	REMARKS
FS 1	FLOOR SINK			--	S 3	3-COMPARTMENT SINK FAUCET	CW/HW	+38" A.F.F	--
FS 2	FLOOR SINK			EPOXY COATED CAST IRON	S 4	PREP SINK	W	+19" A.F.F	--
HD 1	HUB DRAIN			--	S 4	PREP SINK FAUCET	CW/HW	+38" A.F.F	--
WH 1	WATER HEATER	CW		--					
WH 1	WATER HEATER	G	+15" A.F.F.	--					
WC 1	WATER CLOSET FLUSH VALVE	CW	+29" A.F.F	BOTH HANDICAP AND REGULAR					
UR 1	URINAL FLUSH VALVE	CW	+47" A.F.F.	WALL MOUNTED	S-513	ICE MAKER	FW	-	VIA SYRUP BUNDLE
UR 1	URINAL WASTE STUB	W	+16-1/2" A.F.F.	WALL MOUNTED	C-107	RETHERMALIZER	HW	+8" A.F.F.	
L 1	LAVATORY	TW	+20" A.F.F.	--	C-107	RETHERMALIZER	G	+12" A.F.F.	
L 1	LAVATORY WASTE LINE	W	+16-1/2" A.F.F.	--	C-046	DOUBLE OPEN FRYER	G	+12" A.F.F.	
RO 1	REVERSE OSMOSIS	CW	+84" A.F.F	--					
S 1	HAND SINK	TW	+18" A.F.F	RIM OF LAV @ +2-8" A.F.F.					
S 2	MOP SINK	W	-6" A.F.F.	RECESSED IN FLOOR	S-286	WATER FILTER SYSTEM	CW	+94" A.F.F.	INLET TO & OUTLET FROM FILTER
S 2	MOP SINK FAUCET	CW/HW	+36" A.F.F	--	P-250	UTILITY CHASE FOR M.A.P.S. LINE	HW/FW	CLG.	STUB AT CLG.
S 2	MOP SINK FAUCET	CW/HW	+42" A.F.F	CLOSET MOP SINK ONLY	P-452	HOT WATER SYSTEM	CW	+24" A.F.F.	
S 3	3-COMPARTMENT SINK	W	+19" A.F.F	--					

PLUMBING ROUGH-IN SCHEDULE D

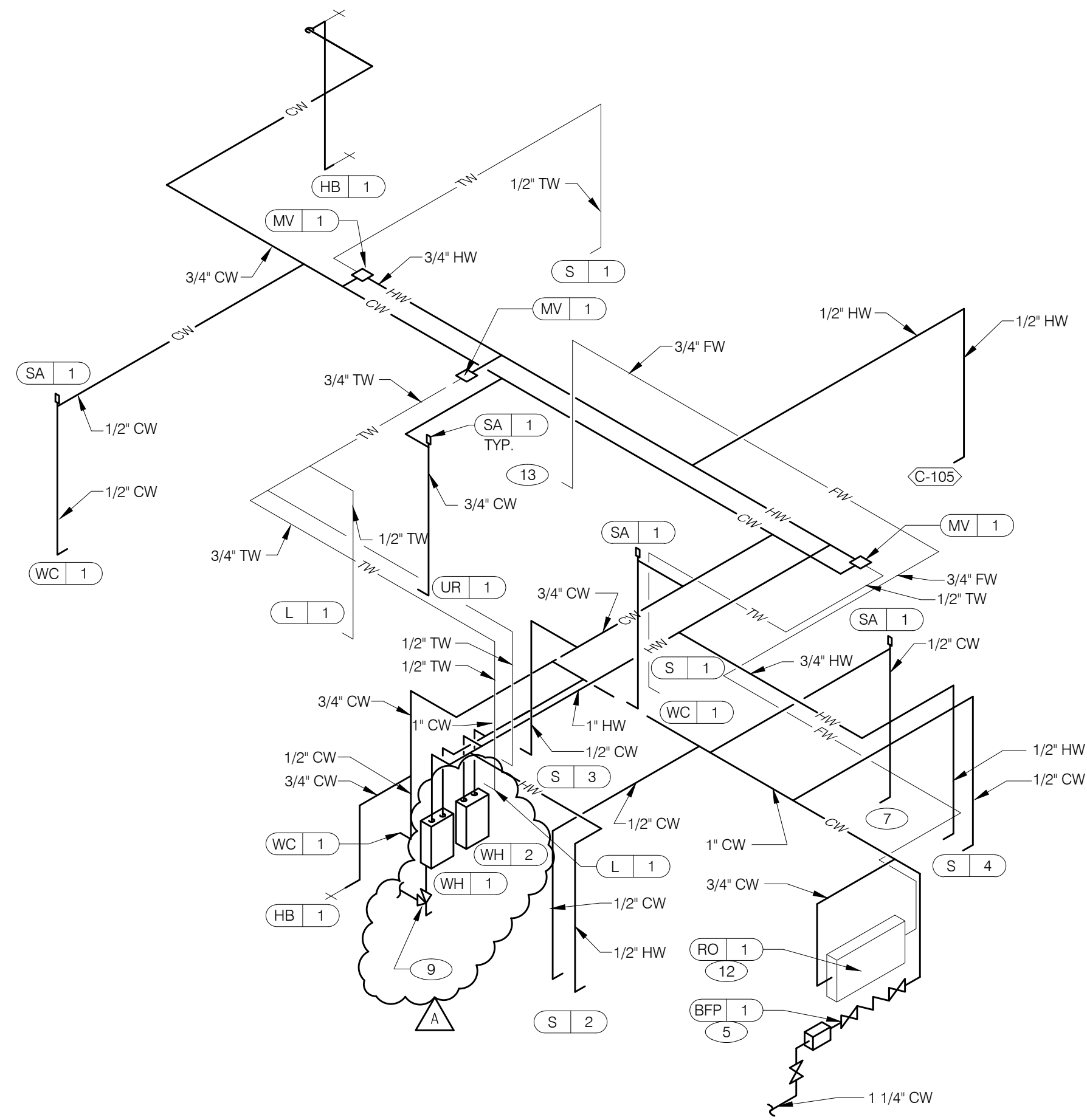
- HOT WATER
 ● COLD WATER
 ⊗ TEMPERED WATER
 ■ GAS
 ⊖ FLOOR DRAIN
 ⊠ FLOOR SINK
 ⊙ HUB DRAIN
 ◆ WASTE OUTLET
 ⊖ FLOOR CLEANOUT
 ⊖ WALL CLEANOUT
 ○ FILTERED WATER
 ◇ VENT UP FROM UNDER SLAB
 ◊ WATER LINE THRU FLOOR.

SYMBOL LEGEND C

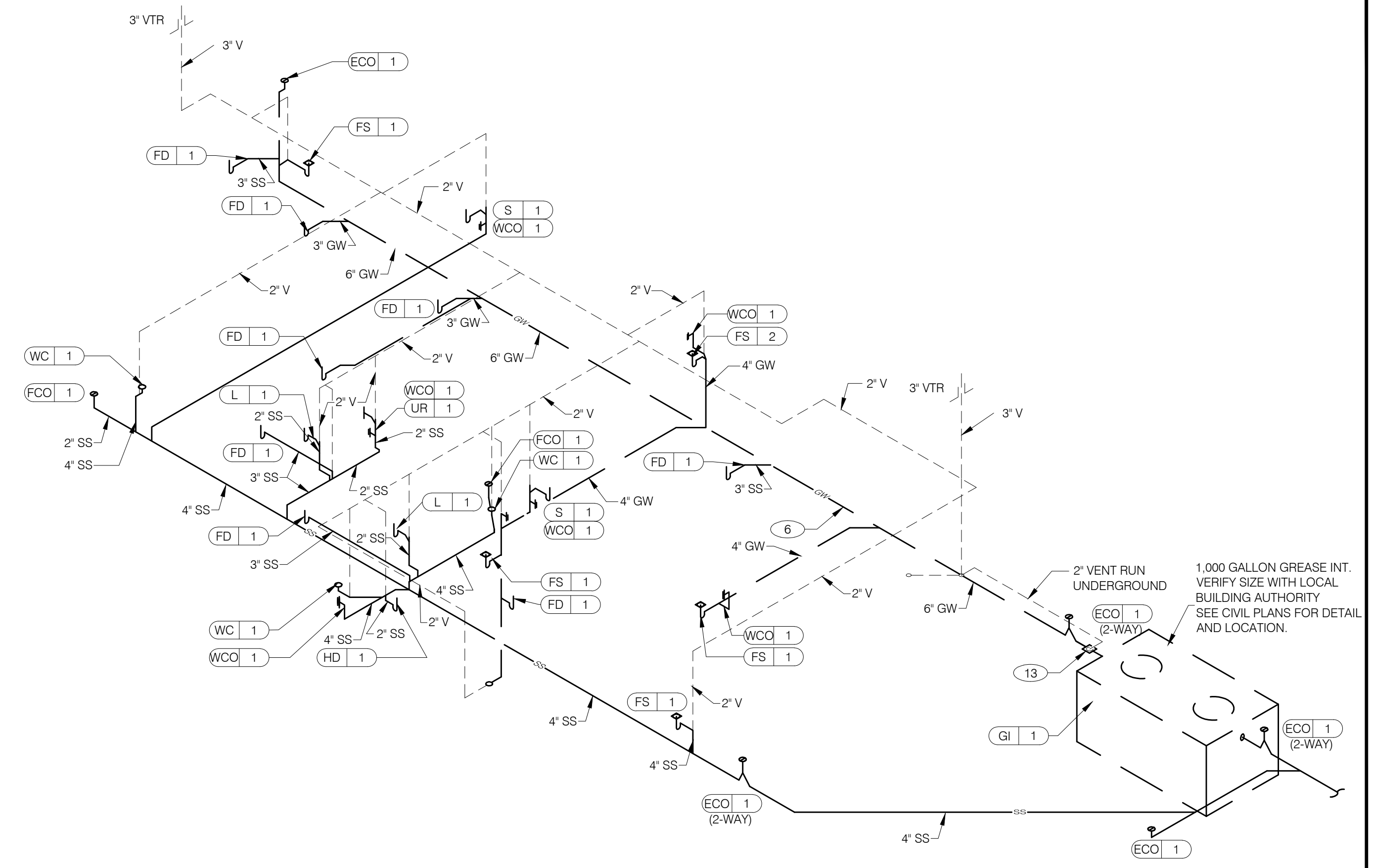
- ALL DIMENSIONS TO FLOOR SINKS, FLOOR DRAINS AND HUB DRAINS ARE TO CENTER OF FIXTURE.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ALL PLUMBING ROUGH-INS WITH INFORMATION PROVIDED ON THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND THE EQUIPMENT ACTUALLY SUPPLIED AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS INDICATED HEREIN.

* CHILLED & FILTERED.

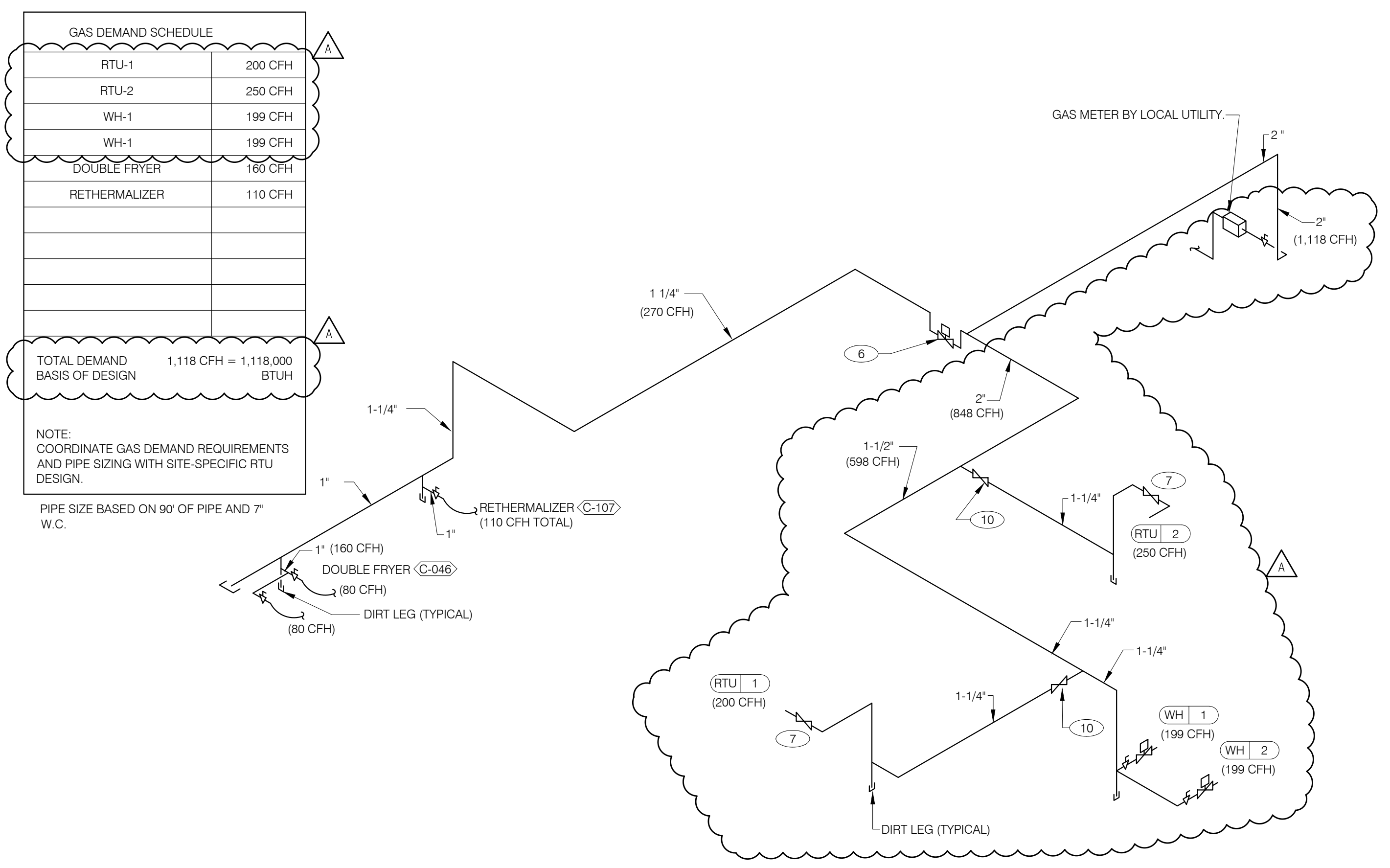
PLUMBING ROUGH-IN NOTES B



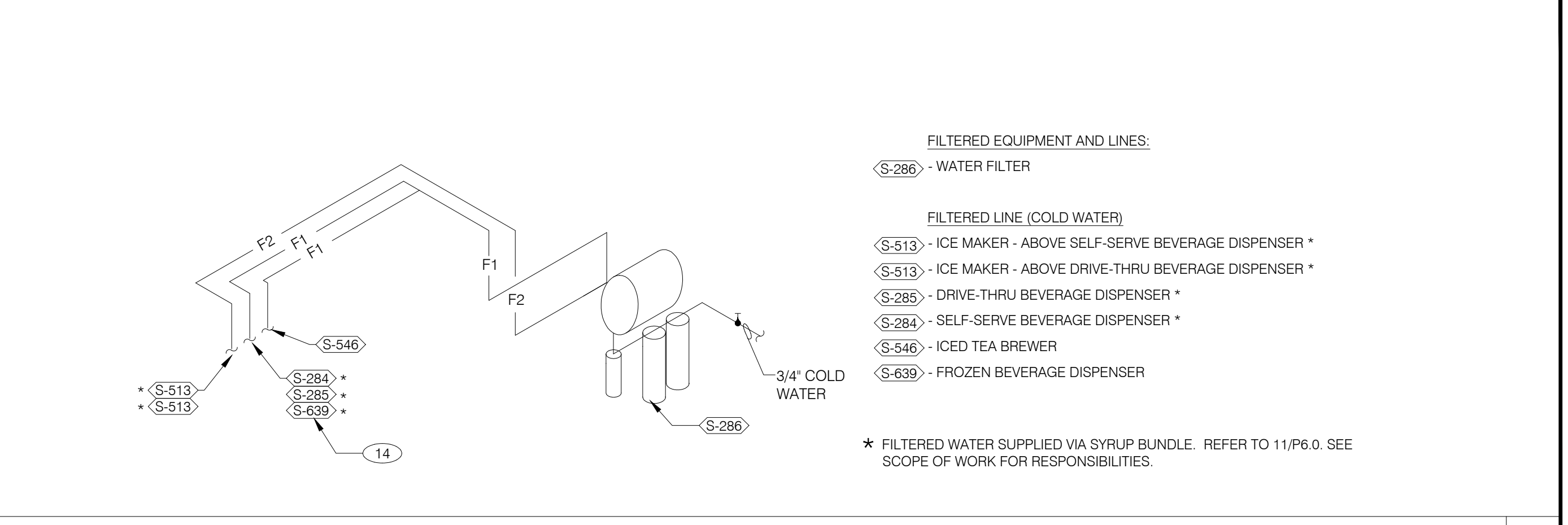
WATER ISOMETRIC N.T.S. **4**



WASTE AND VENT ISOMETRIC N.T.S. **1**



GAS ISOMETRIC N.T.S. **5**



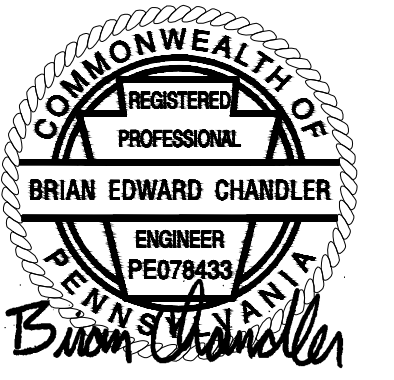
FILTERED WATER ISOMETRIC N.T.S. **2**

- 1 ENTIRE RUN OF DRAIN LINES ON INLET TO GREASE TRAP SHALL BE SCHEDULE 40 PVC OR NO HUB CAST IRON AS REQUIRED BY CODE.
- 2 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK / LAVATORY.
- 3 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK AND 1/2" COLD WATER TO WATER FILTER FOR HOT WATER SYSTEM P-450.
- 4 THERMOSTATIC MIXING VALVE.
- 5 METER AND REDUCED PRESSURE BACKFLOW PREVENTER.
- 6 EMERGENCY GAS SHUT-OFF VALVE SHALL BE A MECHANICALLY OPERATED VALVE ACTIVATED BY THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM IN ACCORDANCE WITH IBC AND NFPA.
- 7 FACTORY GAS PIPING AT ROOF TOP UNIT FOR THROUGH THE BASE PIPE CONNECTION. SHUT-OFF VALVE SHALL BE LOCATED OUTSIDE OF THE UNIT.
- 8 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO 3 COMP SINK.
- 9 PIPE T&P RELIEF VALVE TO OUTSIDE OF BUILDING OR TO HUB DRAIN, RUN FULL SIZE PIPE FROM VALVE WITH TYPE 'K' COPPER TUBING.
- 10 GAS SHUT-OFF VALVE IN CEILING SPACE BY G.C.
- 11 PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO TB RETHEMALIZER.
- 12 1/2" COLD WATER CONNECT TO REVERSE OSMOSIS FILTER AND 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF ON CW PIPE PRIOR TO CONNECTION TO FILTER.
- 13 1/2" FILTERED WATER FROM REVERSE OSMOSIS FILTER DOWN IN UTILITY CHASE OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON FW PIPE IN CEILING NEAR UTILITY CHASE.
- 14 TEE OFF 3/8" LINE FROM DRIVE THRU BEVERAGE DISPENSER FILTERED WATER SUPPLY. SEE DETAIL 16/P6.0.

KEYNOTES **3**

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12.10.15

NO.	REVISION	DATE
1	OWNERS COMMENTS	12.07.15

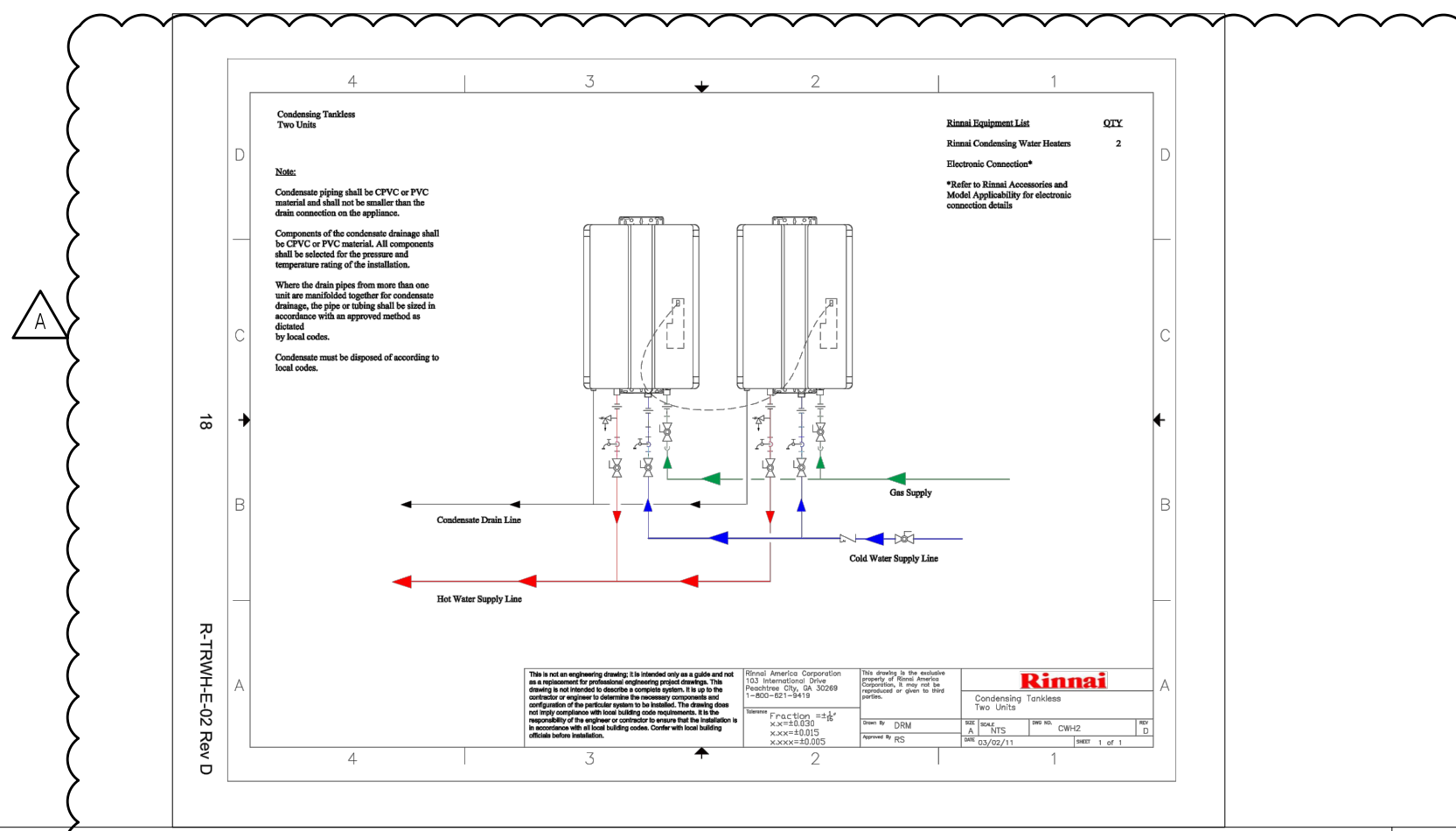
CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS - Large 50
PLAN VERSION: 06.08.15 - REV 0
SITE NUMBER:
STORE NUMBER:

TACO BELL
US Route 220
Township of Bedford, PA

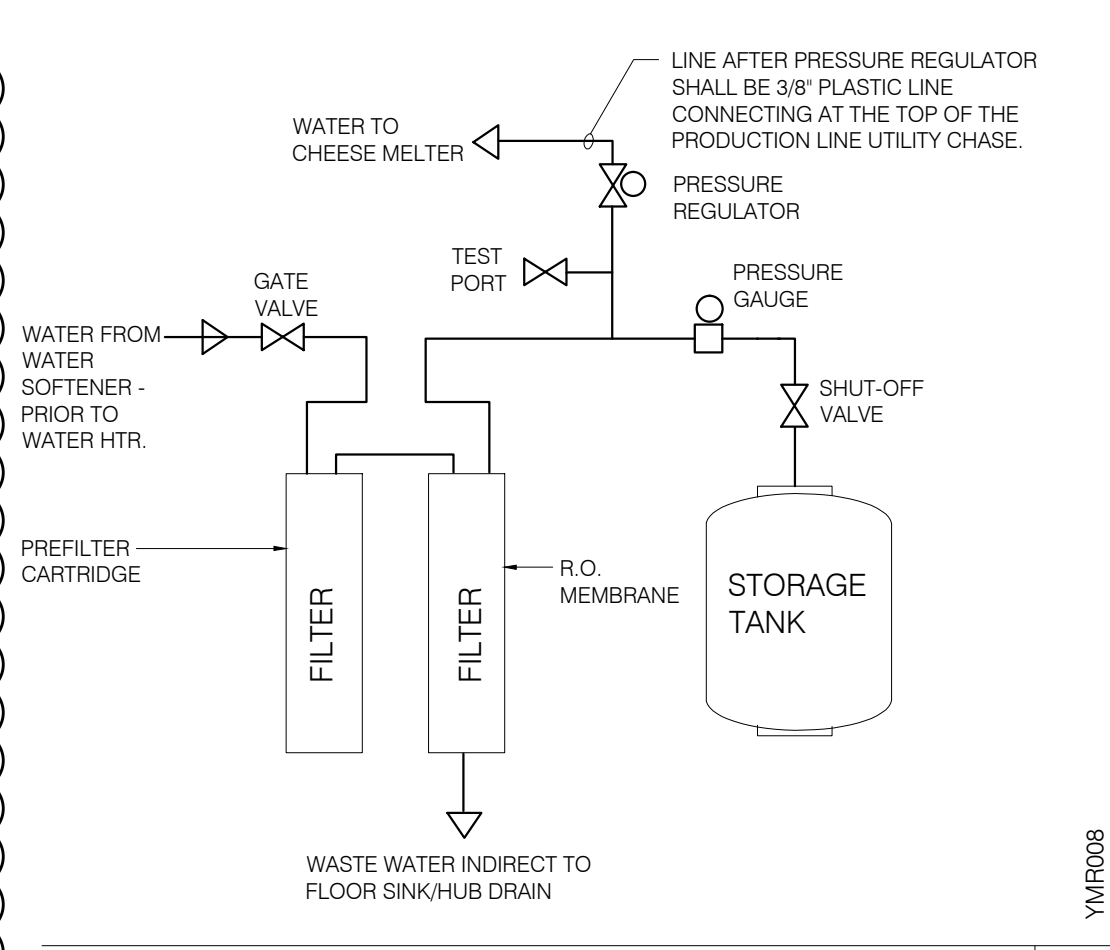


RISER DIAGRAMS
P5.0

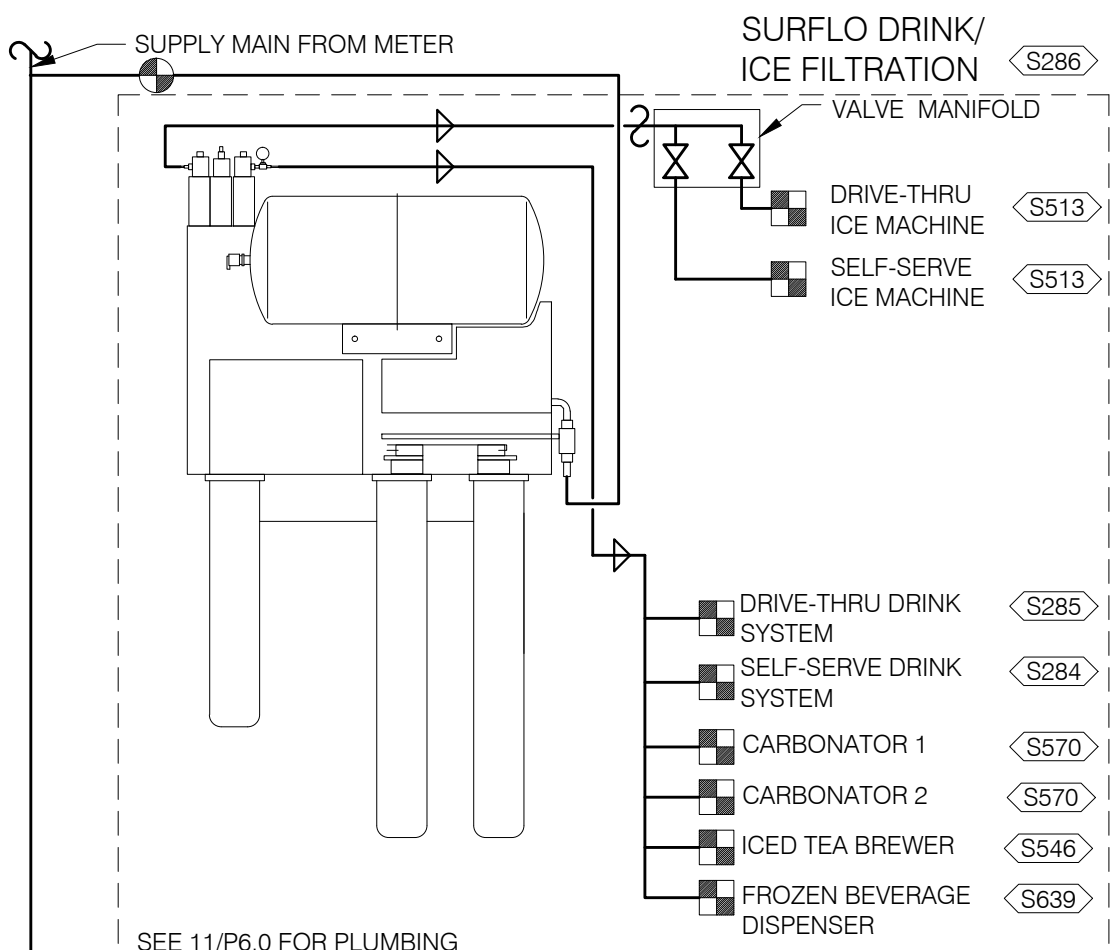
PERMIT PLOT DATE:



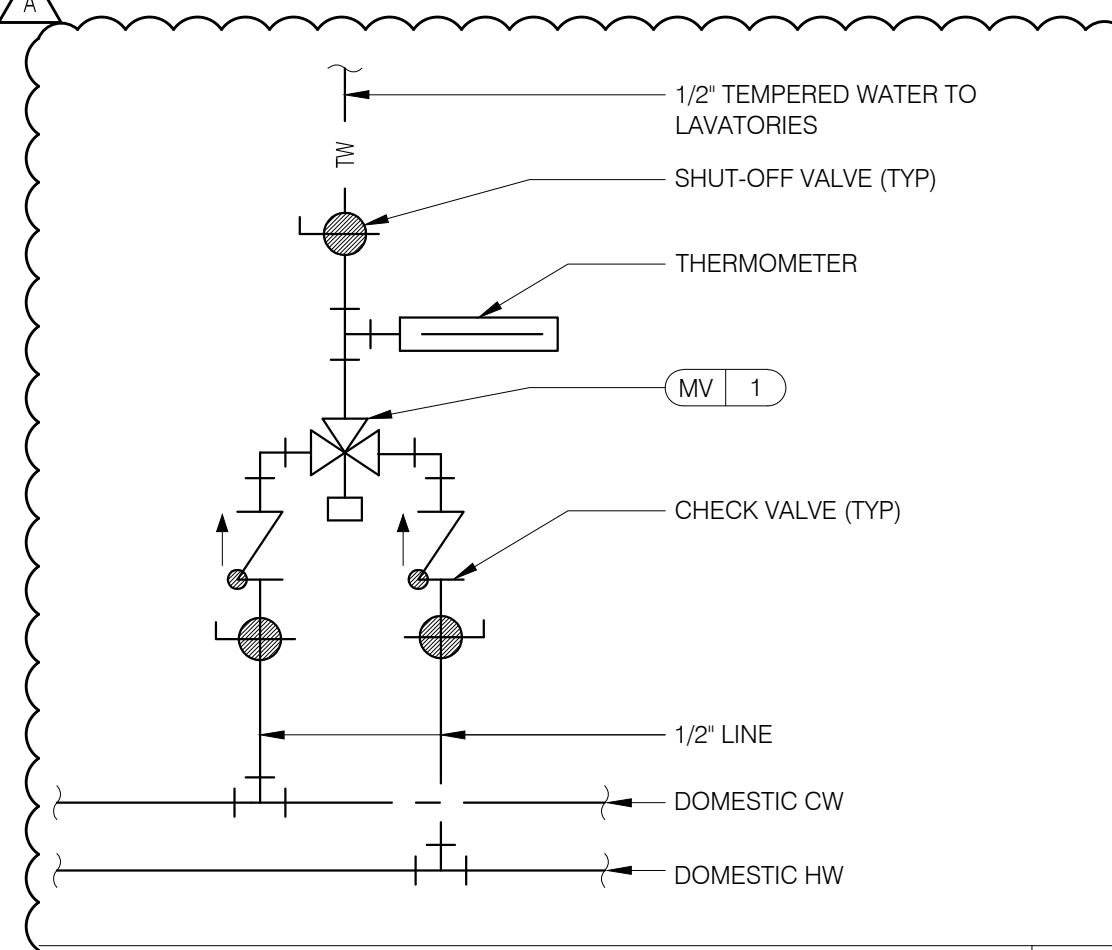
WATER HEATER PIPING DIAGRAM N.T.S. 13



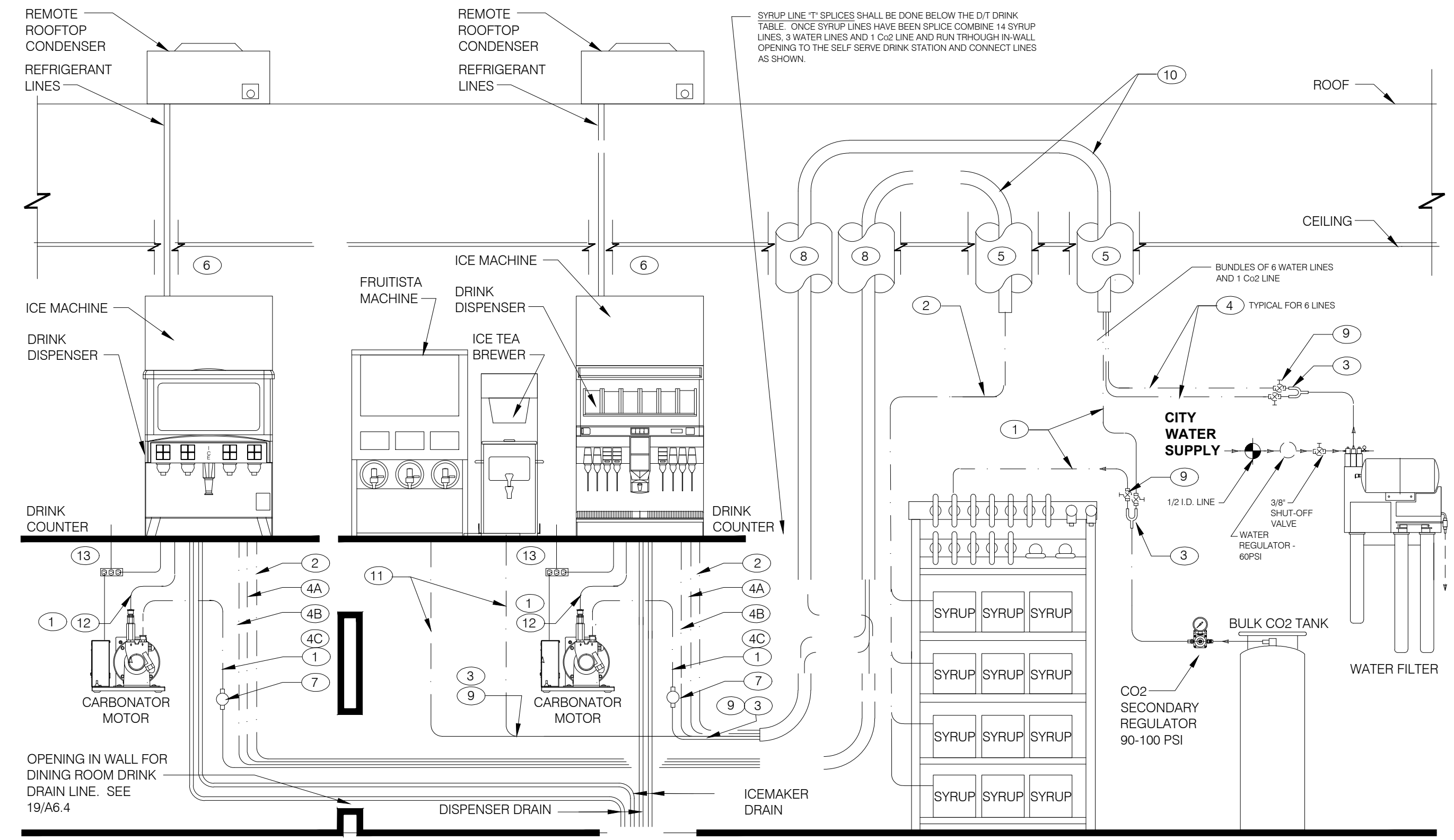
REVERSE OSMOSIS SYSTEM N.T.S. 9



WATER FILTRATION SCHEMATIC N.T.S. 6



TEMPERING VALVE N.T.S. 1



- GENERAL NOTES:**
- OVERALL FILTER DIMENSIONS: 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE DETAIL SCOPE OF WORK FOR SCOPE DEFINITIONS.
 - ROUGH-INS SHALL BE PROVIDED BY THE CONTRACTOR.
 - INSTALLATION MUST COMPLY WITH ANY STATE OR LOCAL PLUMBING CODES.
 - THE FILTER MUST BE PROTECTED AGAINST FREEZING.
 - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
 - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
 - SEE THE EQUIPMENT PLAN FOR LOCATION. SEE DETAIL 12 THIS SHEET FOR BUNDLE DETAILS.
 - **" FOR ICE MACHINES SUPPLY LINES SHALL BE INSTALLED @ FILTER OUTLET.
 - BACKFLOW PREVENTERS FOR FILTER ASSEMBLY ARE PROVIDED.

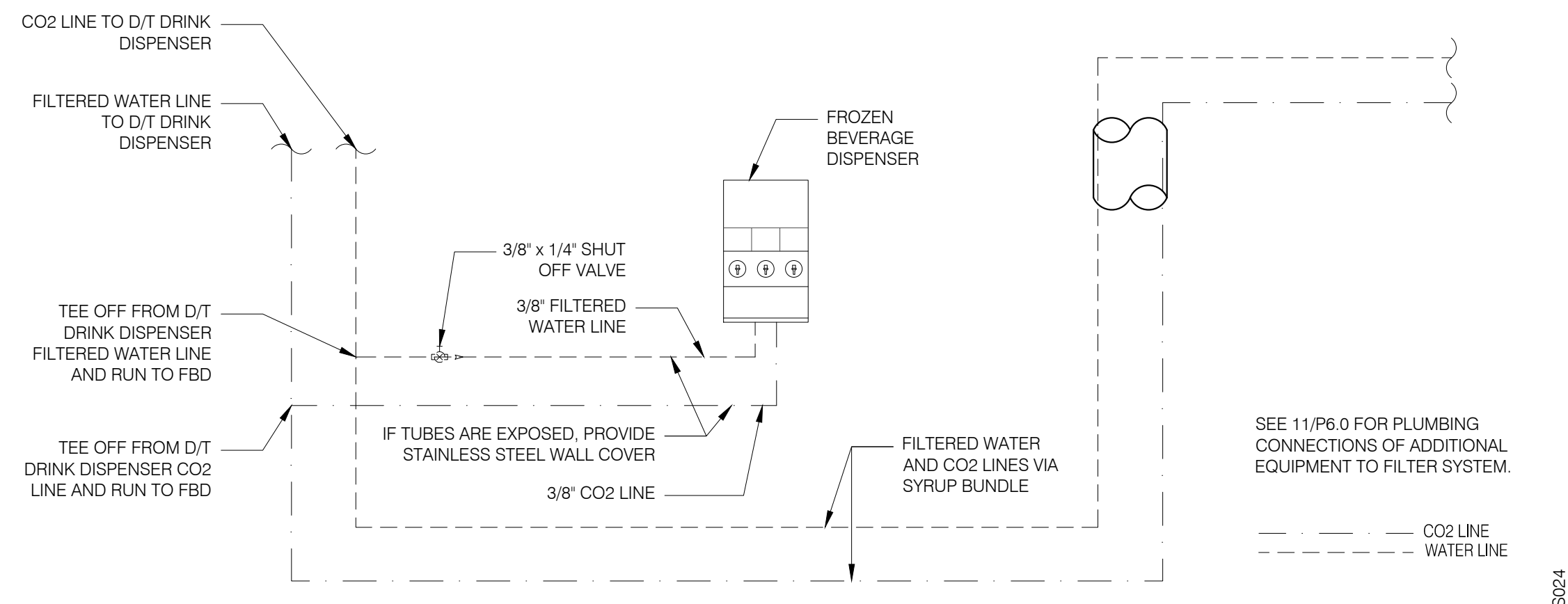
THERE ARE TWO SELF-SERVE DRINK/ICE SYSTEMS WHICH SHARE A COMMON FLOOR SINK WITH THE D/T DRINK/ICE SYSTEM.

NOTE INSTALL ELECTRICAL, WATER, AND DRAIN IN ACCORDANCE WITH ALL LOCAL, STATE & FEDERAL CODES.

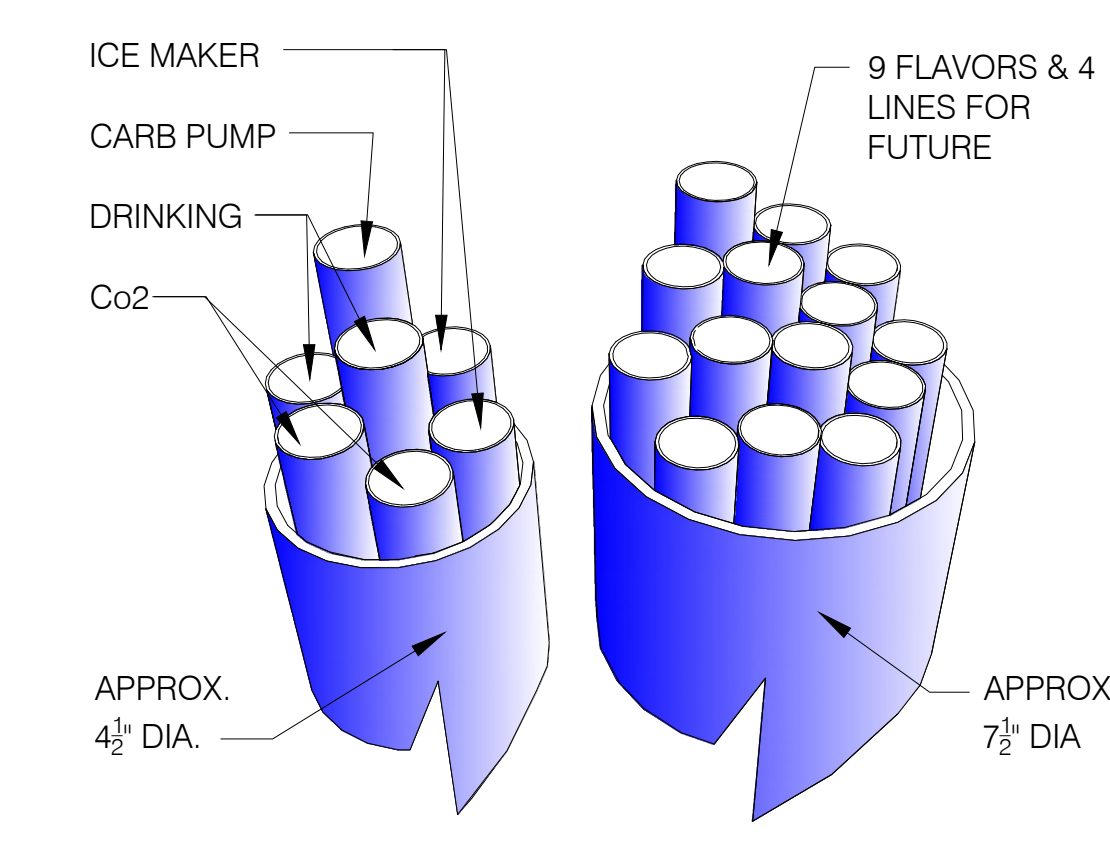
EQUIPMENT RATING:
 ED250 DISPENSER - 115V, 3.5 AMPS
 ED300 DISPENSER - 115V, 4.0 AMPS
 CARBONATOR - 115V, 60 Hz, 7.0 AMPS
 BOOSTER ASSEMBLY - 115V, 60 Hz, 6.5 AMPS

DRINK SYSTEM SCHEMATIC N.T.S. 11

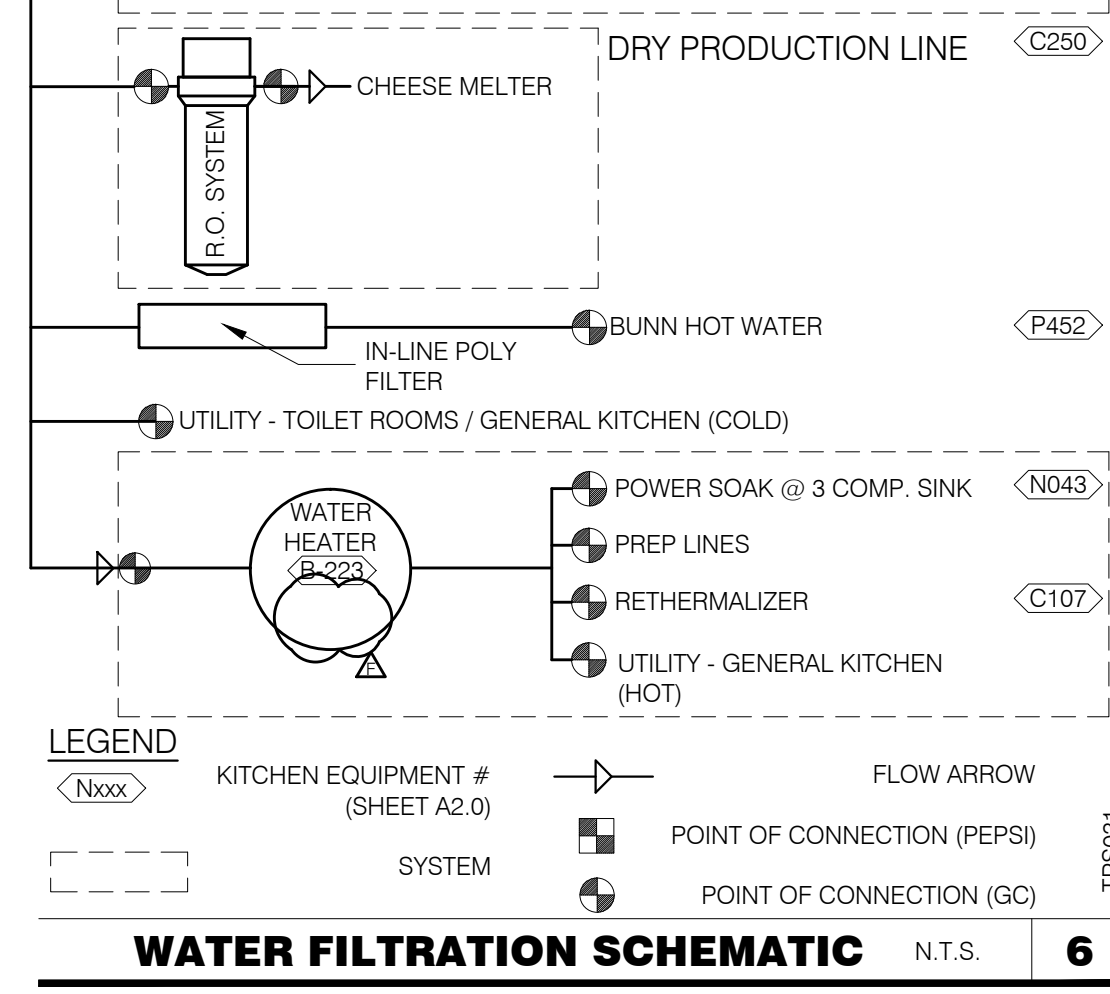
- KEY NOTES:**
- 3/8" Co2 LINE
 - 14 - 3/8" SYRUP LINE BUNDLE
 - 1/2 X 3/8 X 3/8 "Y"
 - 3/8" FILTERED WATER LINE TO DINING & DRIVE THRU
A. WATER LINE TO ICE MACHINE
B. WATERLINE TO WATER DISPENSER VALVE
C. WATERLINE TO CARBONATOR
 - BUNDLED TUBING CEILING PENETRATION. SEE DETAIL 18/A6.4
 - STAINLESS CHASE SURFACE MOUNTED FROM CEILING TO TOP OF ICE MACHINE
 - PRE-SET Co2 REGULATOR
 - SURFACE MOUNTED S.S. CHASE, ONE FOR EACH BUNDLE. SEE DTL. 19/A6.4
 - 3/8" SHUT OFF VALVES BARB FITTINGS. TYP @ ALL "Y"s
 - DRINK SYSTEM BUNDLED TUBING. SEE DETAIL 12/P6.0
 - 3/8" FILTERED WATERLINE - ICE TEA, FRUITISTA, DRINK MACHINES & ICE MACHINES
 - 3/8" LINE FOR PRESSURIZE FILTERED WATER
 - ELECTRICAL FOR DRINK SYSTEM. SEE SHEET E3.0



FBD DRINK SYSTEM DETAIL N.T.S. 16



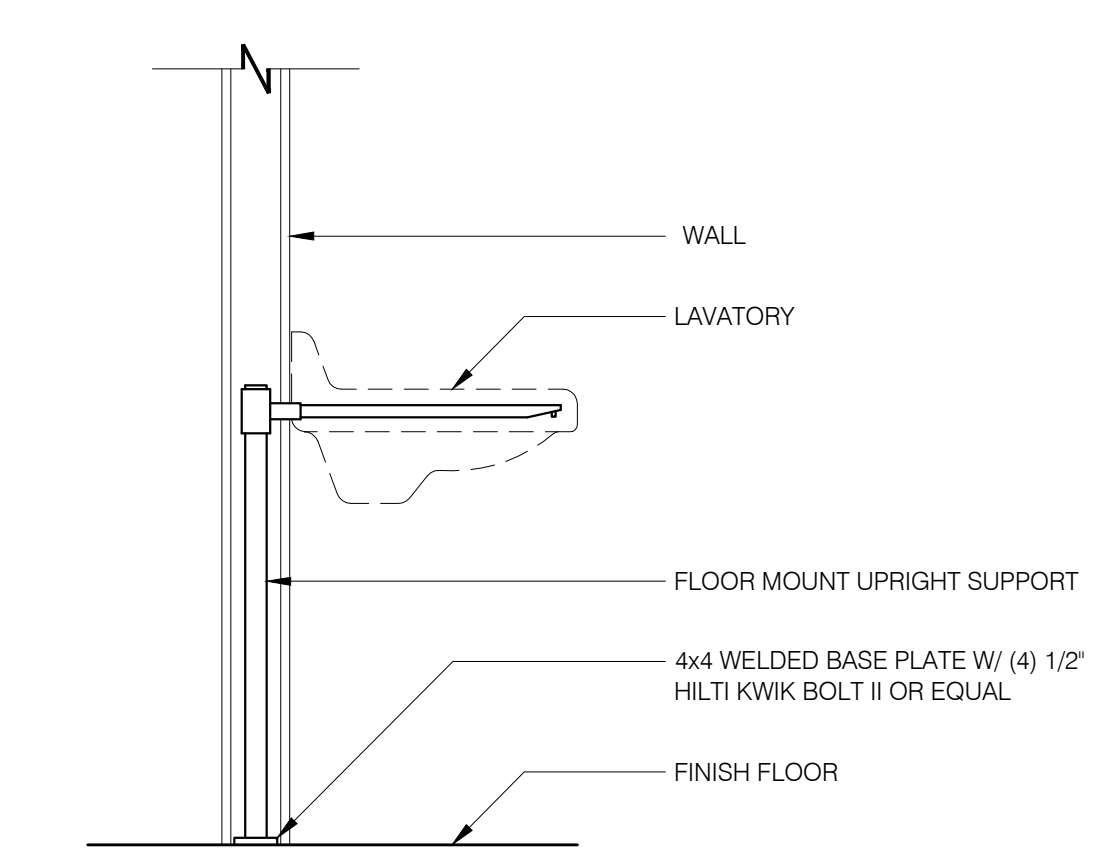
DRINK MACH. BUNDLE CONFIG. N.T.S. 12



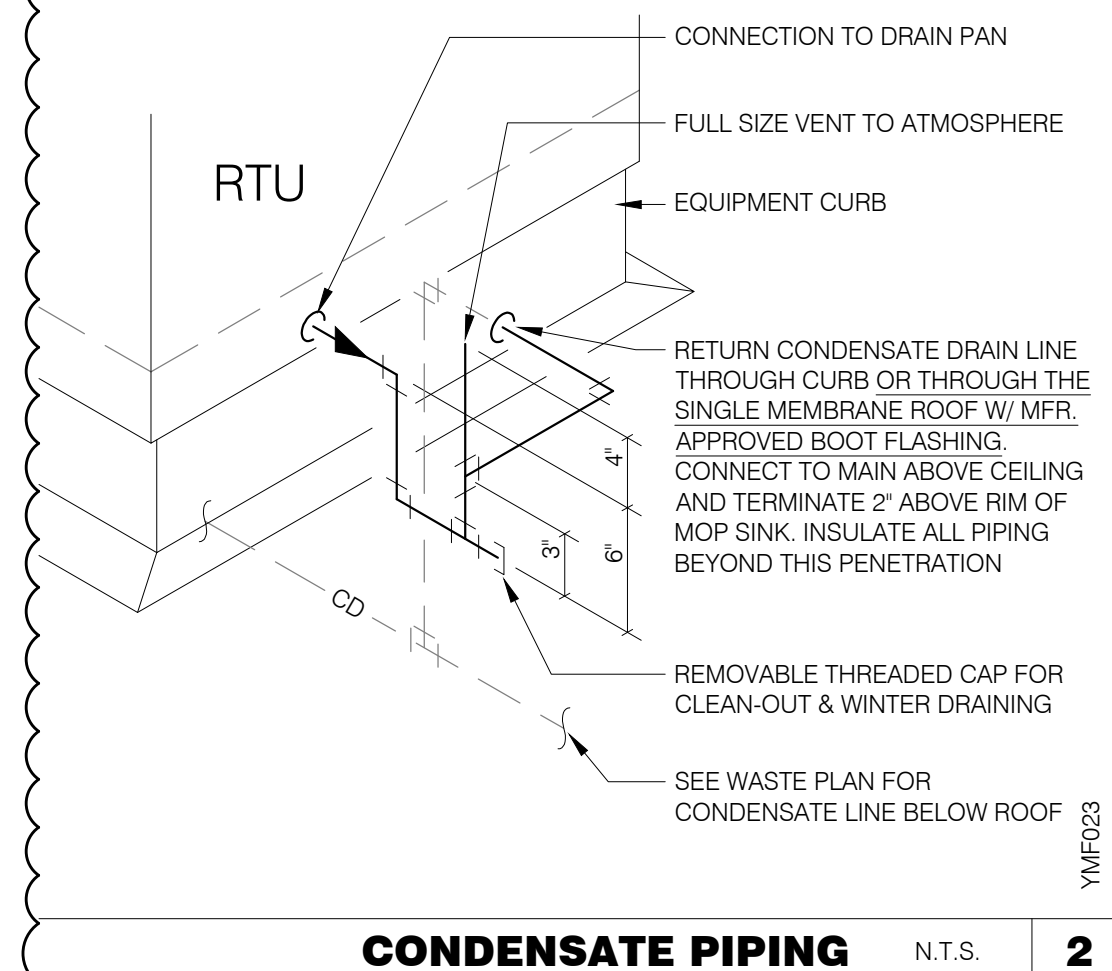
QTY	MODEL #	DESCRIPTION
1	EF100T199E3N	BWC HIGH EFFICIENCY COMMERCIAL WATER HEATER
1	MFK7	MANIFOLD KIT *
1	DET12	EXPANSION TANK
1	HAL	ALARM LIGHT W/ INSTALLATION INSTRUCTIONS
1	PK100	STAND

- * THE FOLLOWING IS INCLUDED IN THE MANIFOLD KIT:
- | QTY | DESCRIPTION |
|-----|-------------------------------------|
| 1 | 3/4" BLK GAS COCK |
| 1 | 3/4" BLK UNION |
| 1 | 3/4" BLK TEE |
| 1 | 3/4" BLK CAP |
| 3 | 3/4" x 2 1/2" BLK NIPPLE |
| 1 | 3/4" x 4 BLK NIPPLE |
| 1 | 3/4" THD BALL VALVE |
| 2 | 1 1/2" FX UNION |
| 6 | 1 1/2" CXC 90 |
| 1 | 1 1/2" CXC TEE |
| 2 | 1 1/2" BALL VALVES CXC |
| 1 | 1 1/2" CHECK VALVES CXC |
| 1 | 1 1/2" GALV ST 90 |
| 1 | 1 1/2" CX ST 90 |
| 1 | HPT-507 1/2" P-TRAP |
| 1 | 1/2" P4 SMA |
| 1 | 1 1/2" x 1 1/2" x 1 1/2" TEE COPPER |
| 1 | DIAL THERMOMETER |
| 1 | 1/2" COPPER FEMALE FITTING ADAPTER |
| 1 | 3" PVC 90° |
| 1 | 1/2" PVC STREET 90° |
| 1 | 1/2" PVC 90° ELBOW |

WATER HEATED SCHEDULE N.T.S. 7

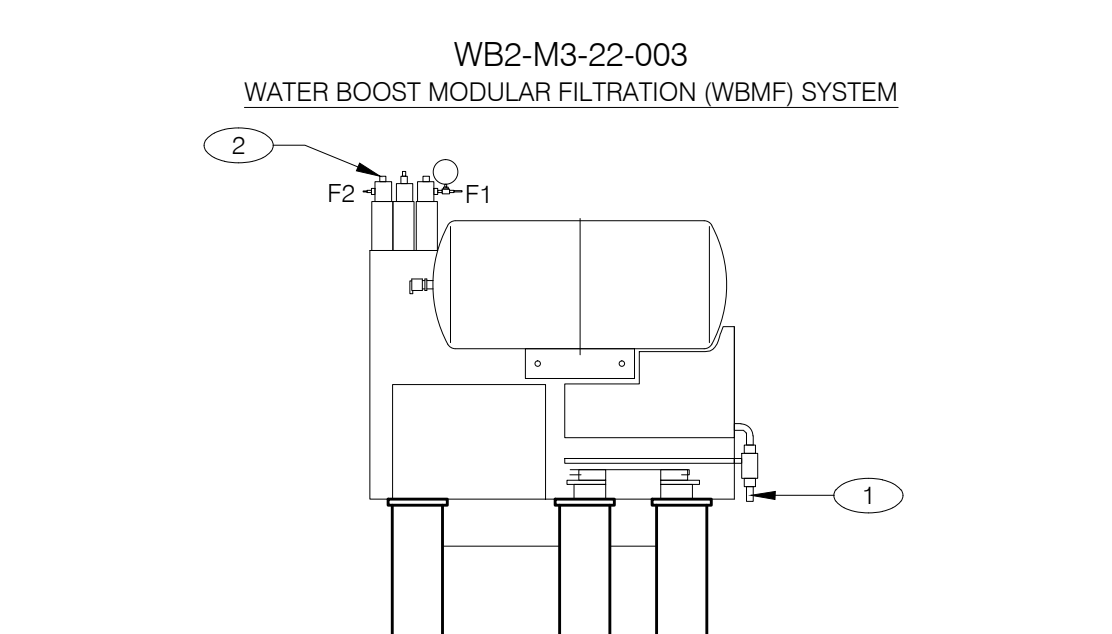


LAVATORY SUPPORT N.T.S. 8



CONDENSATE PIPING N.T.S. 2

- ALL WORK THIS DETAIL PER DETAILS 6, 11 & 12/P6.0
- FILTER LINE F1 SUPPLIES BUNDLED TUBE BY PEPSI
- FILTER LINE F2 SUPPLIES BUNDLED TUBE BY PEPSI
- DRIVE THRU DRINK STATION
 - SELF-SERVE DRINK STATION
 - ICE MACHINES

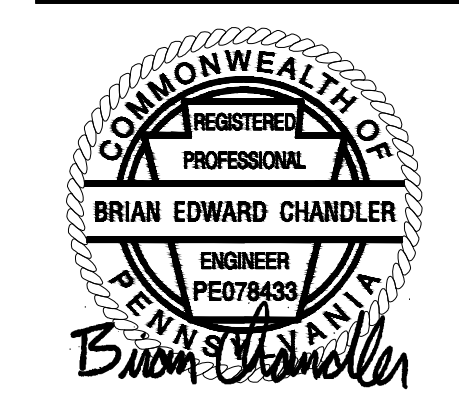


WATER FILTER SYSTEM N.T.S. 4

- KEY NOTES:**
- 3/4" COLD WATER INLET TO 1/2" COPPER LINE AND FITTINGS AT FILTER.
 - 3/4" OUTLET W/ INTEGRAL BACKFLOW PREVENTER, EQUAL TO WATTS REGULATOR CO. SERIES 007 AND SERVICE BALL VALVE.
- GENERAL NOTES:**
- OVERALL DIMENSIONS 21" WIDE x 12" DEEP x 48 1/2" HIGH
 - SEE SCOPE OF WORK FOR ADDITIONAL INFORMATION.
 - INSTALLATION MUST COMPLY WITH STATE OR LOCAL PLUMBING CODES.
 - THE UNIT MUST BE PROTECTED AGAINST FREEZING.
 - USE ONLY TEFLON (HIGH-LOW TEMPERATURE) TAPE TO SEAL THREADED PARTS; NO PIPE DOPE.
 - DO NOT INSTALL WHERE LINE PRESSURE EXCEEDS 125 PSI OR WHERE TEMPERATURE EXCEEDS 100 F.
 - SEE SHT. A2.0 FOR LOCATION.

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 E-MAIL: bchandler@tdstudio4.com



12.10.15

OWNERS COMMENTS 12.07.15

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS - Large 50
 PLAN VERSION: 06.08.15 - REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA

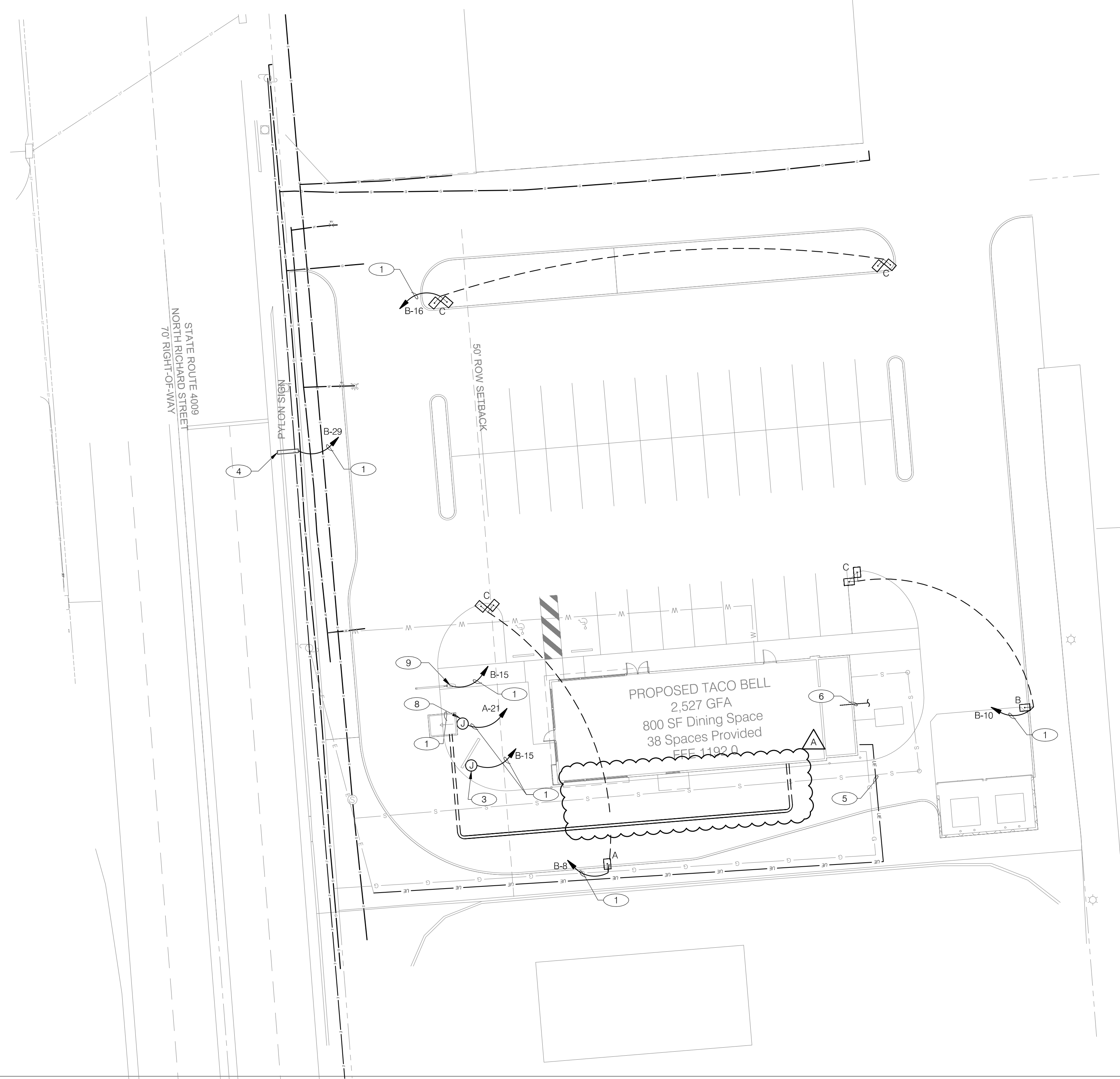


PLUMBING DETAILS
P6.0

PERMIT PLOT DATE:

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SITE ELECTRICAL PLAN 1"=20'-0" A

OWNERS COMMENTS	12.07.15

CONTRACT DATE: 04.14.15
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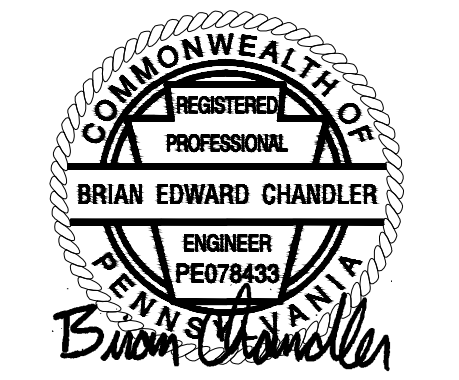
PERMIT PLOT DATE:

- | KEY NOTES | B |
|--|---|
| 1 3/4" C. - 2 #10, #10 GRD. (TYP. FOR ENTIRE CIRCUIT.) | |
| 2 DIRECTIONAL SIGN. (OPTIONAL) | |
| 3 MENU BOARD. REFER TO DETAILS 2/C1.0, 10/C1.0, 12/C1.1 AND 4/E7.0. | |
| 4 LED PYLON SIGN. | |
| 5 UNDERGROUND ELECTRIC SERVICE TO UTILITY CO. TRANSFORMER. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO. | |
| 6 UNDERGROUND TELEPHONE SERVICE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO. | |
| 7 PREVIEW BOARD. (OPTIONAL) | |
| 8 ORDER CONFIRMATION BOARD/ SPEAKER POST. | |
| 9 ILLUMINATED CLEARANCE BAR. REFER TO DETAILS 2/C1.1 AND 3/C1.1. | |
| 10 SITE LIGHTING. REFER TO CIVIL DRAWINGS. TYP. REFER TO DETAIL 12/C1.1. | |
| 11 1" C. - 3 #8, #8 GND. | |
| 12 3/4" C. - 2 #8, #8 GND. | |

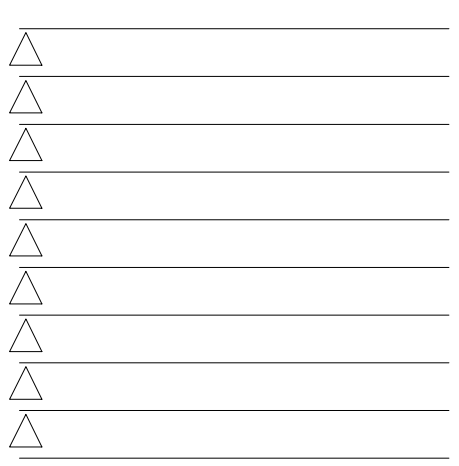
NOT USED	F	NOT USED	E	NOT USED	D	NOT USED	C	KEY NOTES	B
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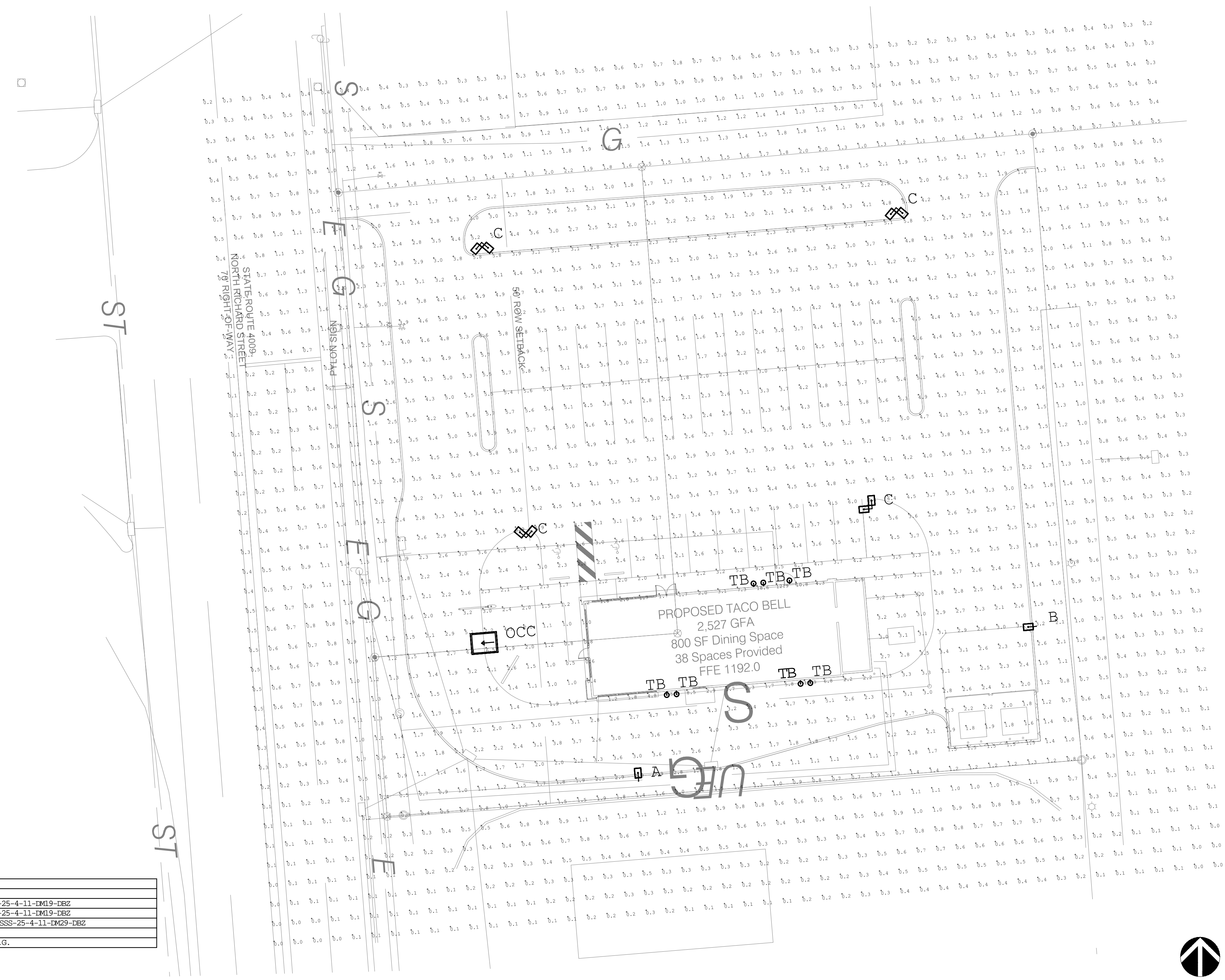
TACO BELL
 US Route 220
 Township of Bedford, PA



SITE PHOTOMETRIC PLAN

E1.1

PERMIT PLOT DATE:



Label	Avg	Max	Min	Avg/Min	Max/Min
EXTENDED	1.90	18.6	0.0	N.A.	N.A.
DRIVE-THRU LANE SURFACE	2.75	8.3	1.4	1.96	5.93
PARKING LOT SURFACE	3.53	9.5	1.5	2.35	6.33

LIGHT LEVELS ARE MAINTAINED FOOT-CANDELES, INITIAL LEVELS ARE SLIGHTLY HIGHER

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Lam. Watts	Description
⊞	1	A	SINGLE	N.A.	0.900	210	CL1-A-90L-U-4K-2-DB / AVPL-SSS-25-4-11-DM9-DBZ
⊞	1	B	SINGLE	N.A.	0.900	210	CL1-A-90L-U-4K-3-DB / AVPL-SSS-25-4-11-DM9-DBZ
⊞	4	C	2 @ 90 DEGREES	N.A.	0.900	210	(2) CL1-A-90L-U-4K-3-DB / AVPL-SSS-25-4-11-DM9-DBZ
⊞	1	OCC	SINGLE	12500	0.700	185	ORDER CONFIRMATION CANOPY
⊞	7	TB	SINGLE	1230	0.900	36	ACCU 05247-051-052 @ 9.17" A.F.G.

LIGHTING RESTRICTIONS: TOTAL WATTAGE FOR SITE FIXTURES NOT TO EXCEED 2,294W AS PER COMCHECK REQUIREMENTS
 SITE FIXTURES ARE 210W 4000K LED w/ FLAT LENSES
 POLES ARE 25'-0" FOR AN OVERALL FIXTURE MOUNTING HEIGHT OF 27'-6" A.F.G.

SITE PHOTOMETRIC PLAN 1"=20'-0" A

THE INFORMATION PRESENTED HERE IS PROVIDED FOR REFERENCE ONLY AND WAS NOT PREPARED BY ID STUDIO 4, LLC. AS SUCH, ID STUDIO 4, LLC ASSUMES NO RESPONSIBILITY FOR ERRORS, OMISSIONS, OR CODE COMPLIANCE ISSUES IN THE PHOTOMETRIC STUDY DOCUMENTS.

NOT USED F

NOT USED E

NOT USED D

NOT USED C

KEY NOTES B

NATIONAL ACCOUNTS: SWITCHGEAR
SUPPLY and INSTALL STANDARD PACKAGE

CORPORATE AND FRANCHISE DEVELOPMENT

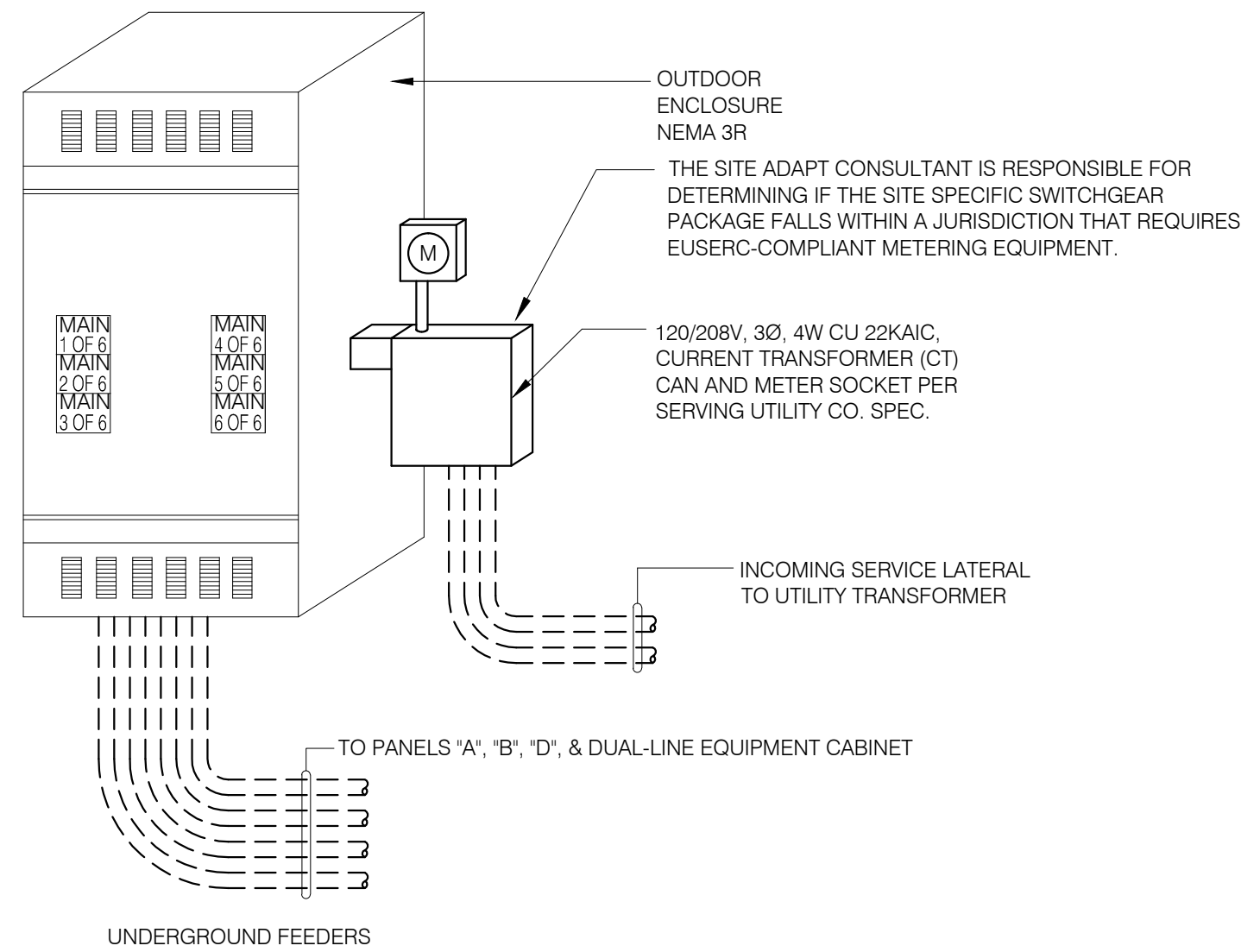
YUM NATIONAL ACCOUNT AGREEMENT IS WITH SQUARE-D FOR ELECTRICAL SWITCHGEAR EQUIPMENT FOR COMPANY AND FRANCHISE DEVELOPMENT. CUTLER-HAMMER ELECTRICAL SWITCHGEAR EQUIPMENT IS AN APPROVED ALTERNATE MANUFACTURER FOR FRANCHISE DEVELOPMENT ONLY.

UNDER THIS AGREEMENT, THE CONTRACTOR IS RESPONSIBLE FOR PURCHASE AND INSTALLATION OF THE SYSTEMS DESCRIBED IN THE PLANS. ALL COMPANY AND FRANCHISE PROJECTS SHALL CONTACT ACCUSERVE FOR A PRICE QUOTE AND A BILL OF MATERIAL CONFIRMATION FOR THEIR SPECIFIC PROJECT. SEE THE SWITCHGEAR SECTION IN THE SCOPE OF WORK FOR ADDITIONAL INFORMATION.

PRIMARY CONTACT: BUDDY BOCKWEG
PHONE: (877) 707-7378
FAX: (502) 961-0357
EMAIL: buddy@accuserv.com

THE SWITCHGEAR PACKAGE CONSISTS OF SERVICE ENTRANCE, SWITCHGEAR, MAIN PANELS, SUB PANELS, LIGHTING CONTACTORS AND ALL ASSOCIATED PRODUCTS TO COMPLIMENT THE SWITCHGEAR PACKAGE.

BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH PROTOTYPICAL DESIGN.

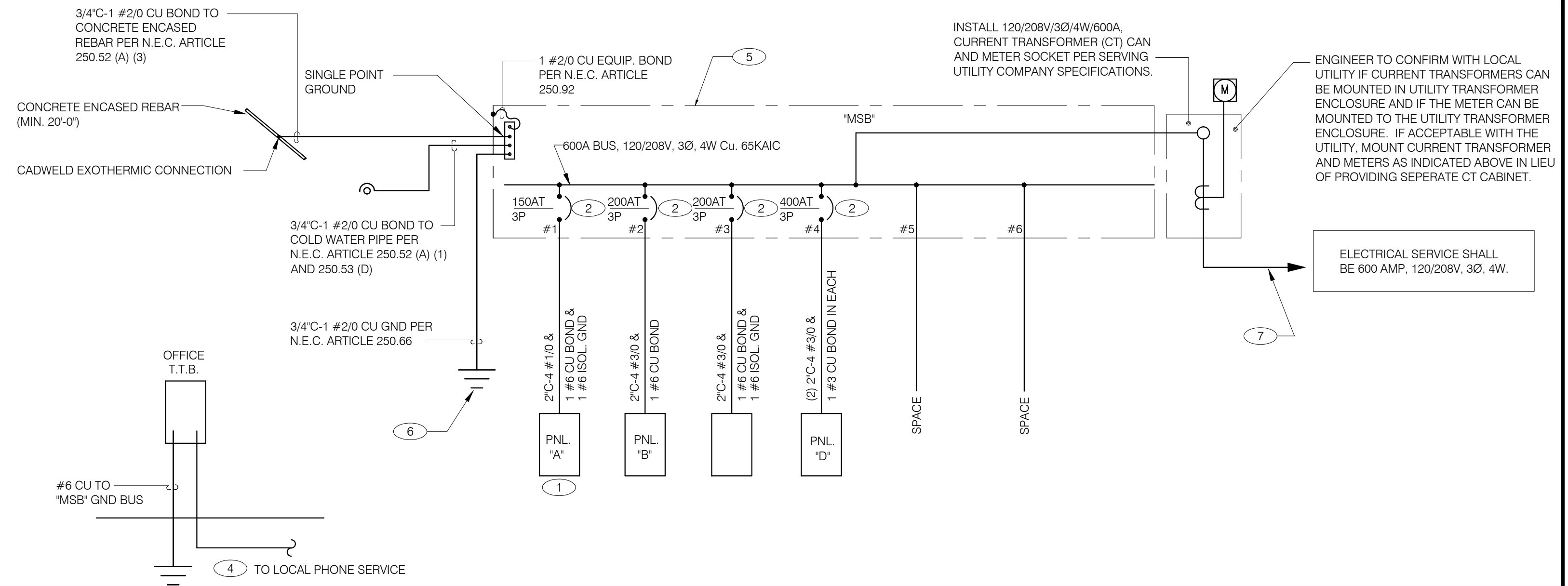


NOTE: CONFIRM DIMENSIONS WITH SUPPLIER

SERVICE ENTRANCE EQUIPMENT ELEVATION - NON-EUSERC PACKAGE E

	2X4 FLUORESCENT FIXTURE	NL	NIGHT LIGHT		FUSIBLE DISCONNECT SWITCH WITH STARTER
	2X4 FLUORESCENT FIXTURE WITH BATTERY PACK		CEILING MOUNTED SPEAKER		FUSED DISCONNECT SWITCH
	1X4 FLUORESCENT FIXTURE		WALL MOUNTED SPEAKER		NON-FUSED DISCONNECT SWITCH
	1X4 FLUORESCENT FIXTURE WITH BATTERY PACK		JUNCTION BOX		PHOTOCELL
	DOWNLIGHT FIXTURE		WALL MOUNTED JUNCTION BOX		RAIN SENSOR
	PENDANT MOUNTED LIGHT FIXTURE		TELEPHONE OUTLET		FLUORESCENT WALL MOUNT FIXTURE
	EXTERIOR WALL SCENCE		DEDICATED GROUNDED OUTLET		EMERGENCY LIGHT
	WALL WASH DOWNLIGHT FIXTURE		DUPLEX GROUNDED OUTLET		SINGLE POLE, SINGLE THROW TOGGLE SWITCH
	EXTERIOR WALL GOOSE NECK FIXTURE		DOUBLE DUPLEX GROUNDED OUTLET		SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
	COOLER FIXTURE		GROUND FAULT DUPLEX OUTLET		RELAY
	COOLER FIXTURE		GROUND FAULT DUPLEX OUTLET W/ BOTT. HALF SWITCHED		CONDUIT RUN, UNDERGROUND
	BUG-EYE EMERGENCY FIXTURE (WALL MOUNTED)		GROUND FAULT DEDICATED OUTLET		SMOKE DETECTOR
	EXIT SIGN (WALL MOUNTED)		CEILING DUPLEX OUTLET		EXTERIOR WALL FIXTURE
	EXIT SIGN (CEILING MOUNTED)		DUPLEX ISOLATED GROUND OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
	SECURITY STROBE		DOUBLE DUPLEX ISOLATED GROUND OUTLET		WEATHERPROOF GROUND FAULT
			DEDICATED ISOLATED GROUND		
			SPECIAL PURPOSE OUTLET		
			CEILING SPECIAL PURPOSE OUTLET		
			ELECTRICAL PANEL SEE SHEET E2.1 FOR PANEL SCHED.		
			HOLD UP EMERGENCY BUTTON		
			ELECTRICAL MOTOR		
			DUCT MOUNTED SMOKE DETECTOR		
			CONNECTION TO EQUIPMENT		

ELECTRICAL LEGEND F



SINGLE LINE DIAGRAM B

- THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CKT. BREAKERS LOCATED AT THE DISTRIBUTION PANEL AND THE DOWNSTREAM 10k A.I.C. RATED CIRCUIT BREAKERS AT PANELS 'A', 'B' DUAL-LINE EQUIPMENT CABINET BASED ON THE MAXIMUM FAULT CURRENT AS DETERMINED AT THE SERVICE ENTRANCE AND DOWNSTREAM 22K A.I.C. RATED CIRCUIT BREAKERS AT PANEL 'D.'
- THE NFPA-70 'SIX SWITCH' MAXIMUM RULE SHALL APPLY AT THE POINT AT WHICH THE SERVICE ENTERS THE BUILDING AS DEFINED BY NFPA-70 (CURRENT EDITION IN FORCE AT THIS SITE). NOTIFY ENGINEER WHERE LOCAL CONDITIONS REQUIRE ALTERNATE LOCATIONS OR SINGLE POINT DISCONNECT.
- SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
- IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE CONSTRUCTION ENGINEER FOR A DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING CAPACITY.
- COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY. THE LOCAL ELECTRICAL INSPECTOR AND THE NATIONAL ELECTRICAL CODE TO MEET ALL REQUIREMENTS BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY.
- ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM.
- ARMOR CABLE ACCEPTABLE FOR ALL APPLICATIONS EXCEPT WHERE NOT ALLOWED BY CODE. ALL CONDUIT SHALL BE CONCEALED U.N.O.

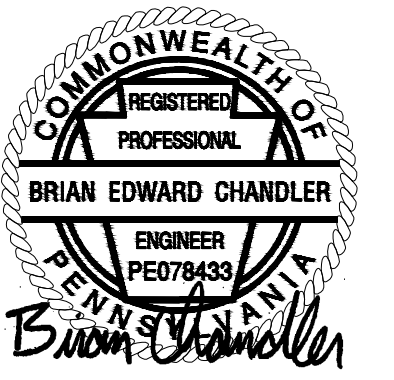
GENERAL NOTES D

- WIRE ISOLATED GROUND TO ISOLATED GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. 'DO NOT COMBINE COMMON GND TO ISOLATED GROUND.'
- 4 BUILDING MAIN DISCONNECT FOR THIS SERVICE: (MAXIMUM 6 MAINS PER N.E.C.) LABEL EACH MAIN BREAKER AS INDICATED: 'MAIN 1 OF 4' (ENGRAVED LETTERS x 3/4" HIGH) 'MAIN 2 OF 4' 'MAIN 3 OF 4' 'MAIN 4 OF 4'
- EQUIPMENT CABINET IS FURNISHED WITH DUAL LINE.
- PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE OR PEDESTAL FOR TELEPHONE.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY CO. TO CONFIRM 65 KAIC RATED EQUIPMENT IS SUFFICIENT.
- (3) 5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250.
- INSTALL UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350kcmil IN EACH OF (2) 3" C. TO PAD MOUNT TRANSFORMER. GC / ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF ALUMINUM CONDUCTORS ARE USED PROVIDE 4#500kcmil IN EACH OF (2) 3" C.

KEY NOTES C

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12.10.15



CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS - Large 50
PLAN VERSION: 06.08.15 -- REV 0
SITE NUMBER:
STORE NUMBER:

TACO BELL
US Route 220
Township of Bedford, PA



LIVE MAS
LARGE50
**RISER
DIAGRAM
AND LEGEND**
NON-EUSERC

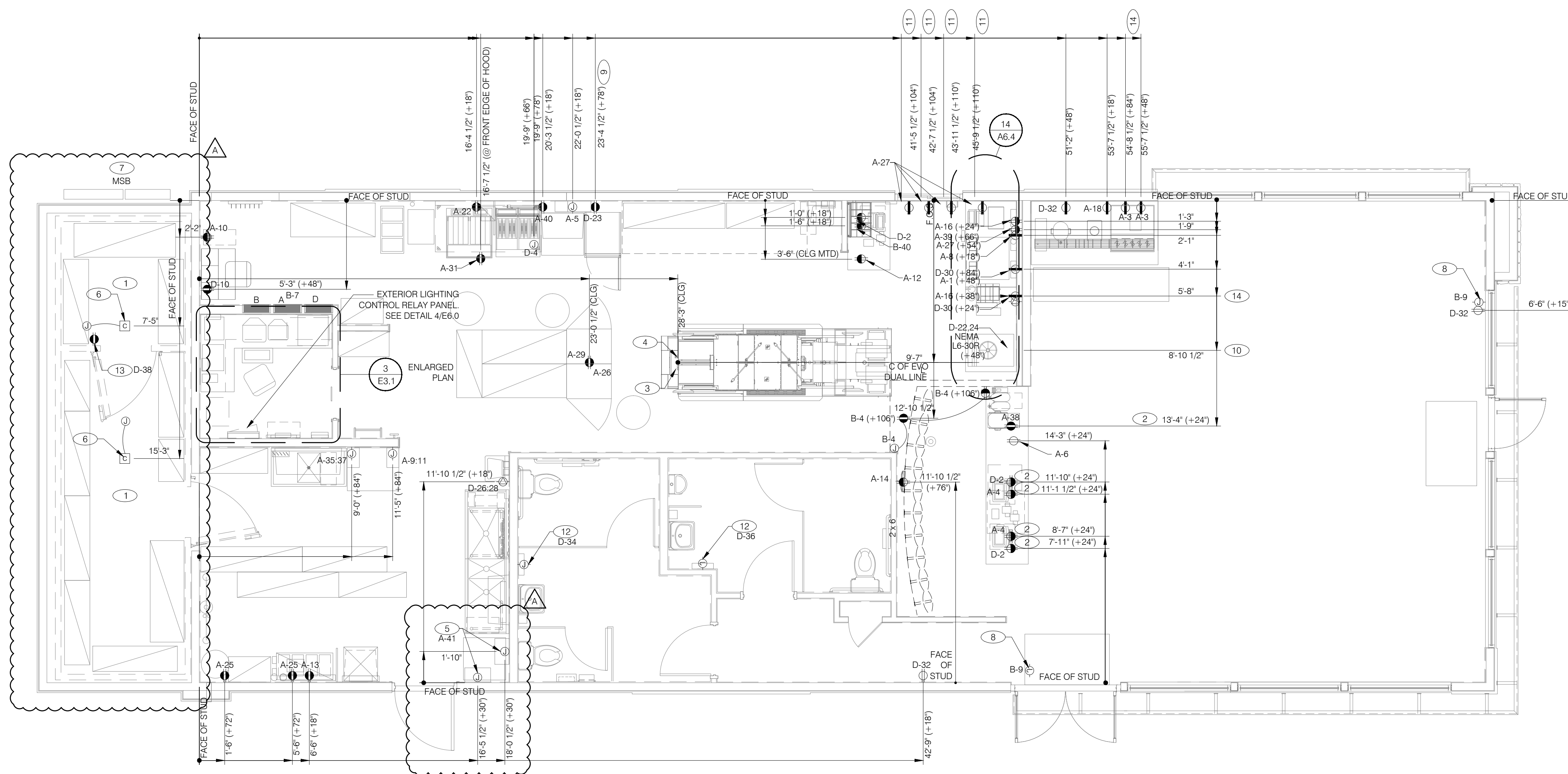
E2.0

PERMIT PLOT DATE:

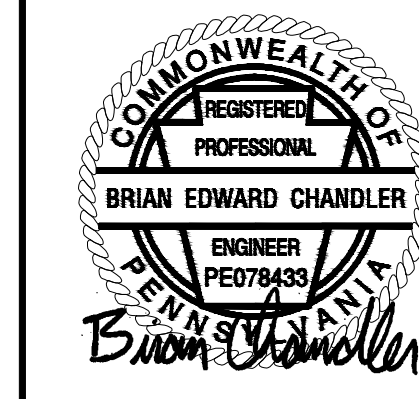
ENGINEER:

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NOTE: IN LIEU OF GFCI OUTLETS YOU CAN USE GFCI CIRCUIT BREAKERS TO SAVE COSTS.



12.10.15

OWNERS COMMENTS 12.07.15

CONTRACT DATE: 04.14.15

BUILDING TYPE: LIVE MAS - Large 50

PLAN VERSION: 06.08.15 -- REV 0

SITE NUMBER:

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POWER PLAN 1/4"=1'-0" **A**

- A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.
- B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.
- C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.
- D. CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.
- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THIS DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSIONS HEREIN.
- F. LOCATIONS OF ALL OUTLETS MAY BE RELOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.
- G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL EQUIPMENT DRAWINGS AND MANUFACTURER'S SHOP DRAWINGS.
- H. ALL CIRCUIT FEEDERS AND DISCONNECTS SHALL BE SIZED BY NEC.
- I. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER AND FUSE SIZES WITH SELECTED EQUIPMENT MANUFACTURER'S SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.

ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA 3R FOR EXTERIOR. IN COASTAL REGIONS THE STANDARD FOR OUTSIDE SHALL BE NEMA-4X.

PER SECTION 210.8(B)(3) NEC 2002, ALL 15 AND 20A, 120V RECEPTACLES IN COMMERCIAL KITCHENS ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND RECEPTACLES.

DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.

CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.

E.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".

PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULKS OR EXPANSION FOAM FOR SEALANT.

EMT SHALL BE USED FOR ALL WIREWAYS (CONDUITS). ARMOR CABLE IS ALLOWED ONLY WHERE WIRE WAYS ARE EASILY ACCESSIBLE. FOR EXAMPLE: EMT INSIDE WALLS AND ABOVE HARD GYPSUM BOARD CEILINGS AND ARMOR CABLE ABOVE SUSPENDED CEILING SYSTEMS.

ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE. ALL WIRE SHALL BE CONCEALED O.N.U.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL SURFACE MOUNTED IN CONDUIT RUNNING ON KITCHEN SIDE OF CABINETRY REAR WALL.
- 3 CONNECT DRY PRODUCTION EVO LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SPECIFIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE DRY PRODUCT LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.
- 4 EQUIPMENT CABINET.
- 5 JUNCTION BOX FOR WATER HEATER. COORDINATE WITH MECHANICAL CONTRACTOR.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 7 LOCATE SWITCHGEAR PER GUIDELINES ON SHEET A4.1.
- 8 PROVIDE J-BOXES FOR SLAT WALL LED POWER SUPPLIES ABOVE CEILING IN DINING ROOM. POWER SUPPLIES TO BE MOUNTED ABOVE CEILING.
- 9 ANSUL J-BOX - LOCATE ABOVE CEILING.
- 10 PROVIDE BOOST TRANSFORMER (208V, 1-PHASE IN, 240V, 1-PHASE OUT) FOR FROZEN BEVERAGE DISPENSER.
- 11 ABOVE CEILING FOR WALL MOUNTED HME. SEE 16/E3.1

- 12 PROVIDE JUNCTION BOX FOR HAND DRYERS. PROVIDE ALL REQUIRED DISCONNECTING MEANS PER THE NEC AND THE LOCAL AUTHORITY HAVING JURISDICTION. FIELD COORDINATE MOUNTING HEIGHT WITH OWNER.
- 13 PROVIDE A GFCI, WEATHERPROOF RECEPTACLE WITH AN IN USE MOISTURE PROOF COVER FOR FREEZER HEAT TAPE. COORDINATE LOCATION OF RECEPTACLE WITH OWNER AND FREEZER MANUFACTURER.
- 14 ICE MACHINES SHALL BE PROVIDED WITH TWO (2) 20 AMP CORDS. COORDINATE CORD TYPE AND LENGTH WITH ICE MACHINE MANUFACTURER.

POWER PLAN GENERAL NOTES **C**

KEY NOTES **B**

NOT USED N.T.S. **E**

TACO BELL

US Route 220
 Township of Bedford, PA



LIVE MAS

LARGE50

POWER FLOOR PLAN

E3.0

PERMIT PLOT DATE:

THE DEDICATED POS POWER CIRCUIT REQUIRES AN ISOLATED GROUND IN ADDITION TO THE NORMAL COMMON BUILDING GROUND. THE ISOLATED GROUND WIRE SERVES TWO PURPOSES:
 * AS A SAFETY PATH TO GROUND.
 * AS A ZERO REFERENCE POINT FOR ALL POS DIGITAL LOGIC.

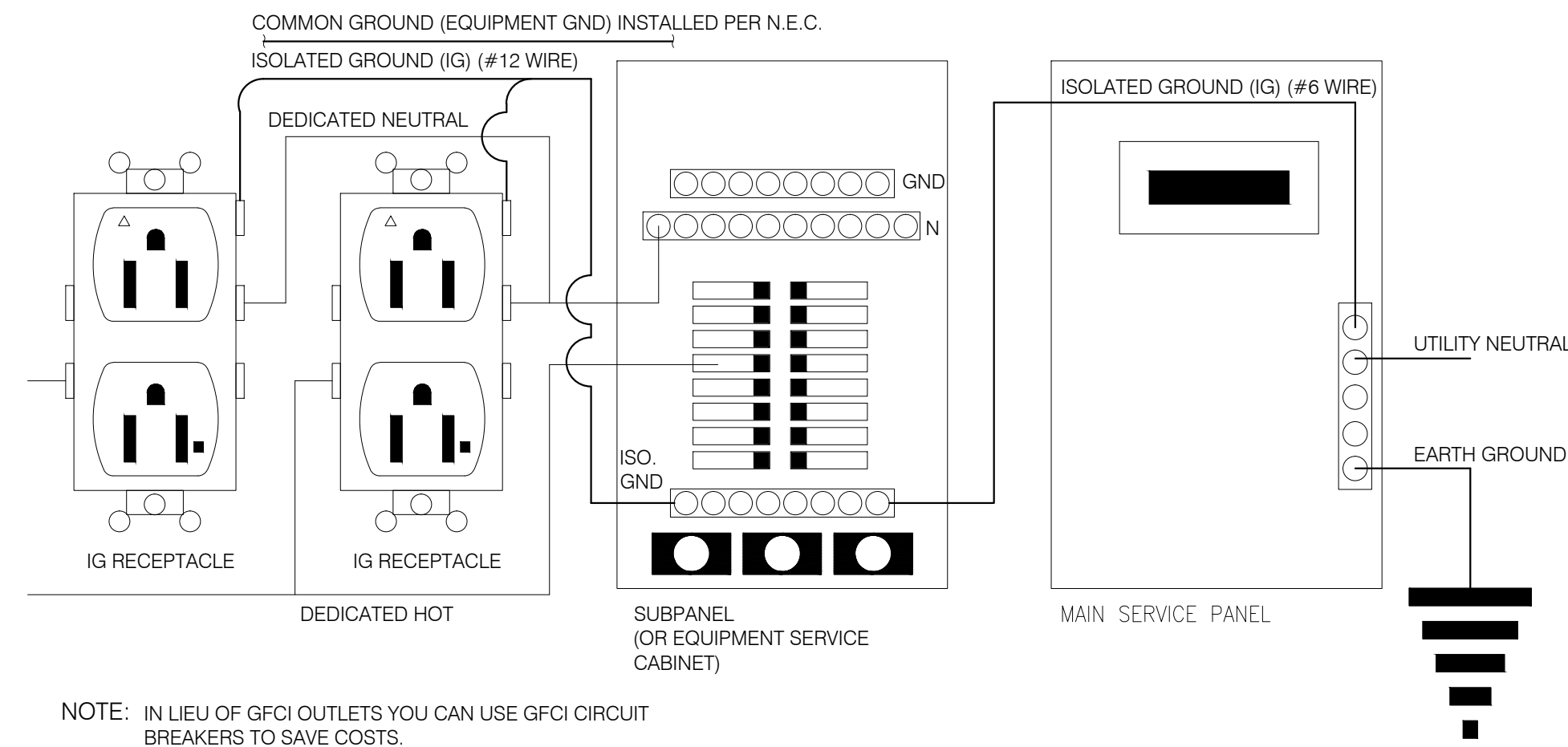
THE GROUND MUST EXHIBIT THE LOWEST POSSIBLE IMPEDANCE TO MINIMIZE VOLTAGE TRANSIENTS AND NOISE.

BE SURE TO:

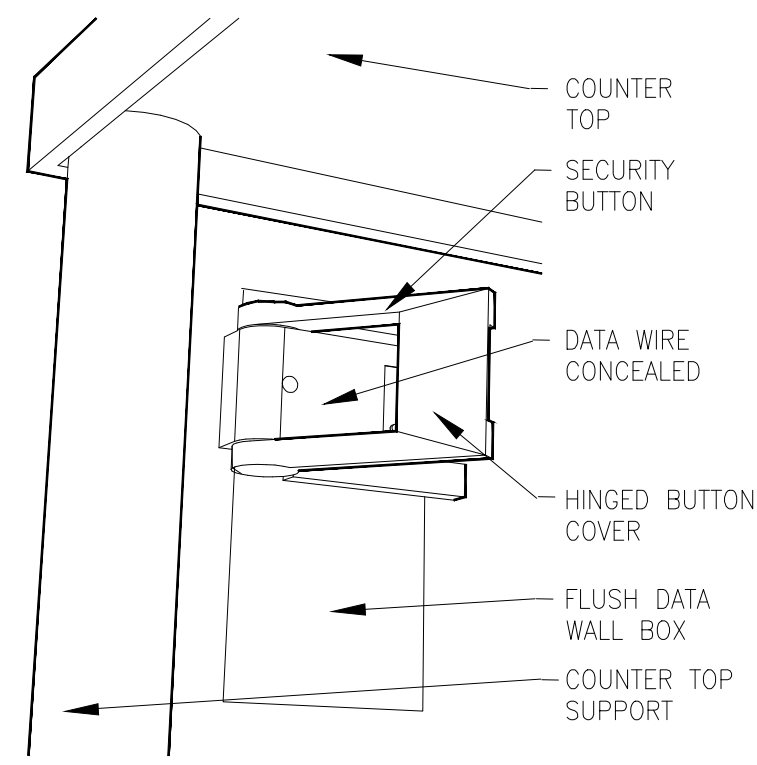
- * USE AN INSULATED CONDUCTOR FOR THE ISOLATED GROUND WIRE.
- * RUN THE ISOLATED GROUND WIRE THROUGH THE SAME CONDUIT AS THE HOT AND NEUTRAL WIRES.
- * INSTALL ONLY ISOLATED GROUND (IG) TYPE RECEPTACLES.
- * CONNECT THE ISOLATED GROUND WIRE TO BUILDING GROUND ONLY AT THE MAIN SERVICE PANEL.
- * VERIFY THAT IG RECEPTACLES PRE-WIRED IN OWNER SUPPLIED EQUIPMENT HAVE A TRUE ISOLATED GROUND THAT CAN BE TRACED BACK TO THE BUILDING GROUND AT THE MAIN SERVICE PANEL.

DO NOT CONNECT THE ISOLATED GROUND WIRE TO THE CONDUIT, JUNCTION BOXES, THE FRAME ON A SUBPANEL, OR ANY OTHER METAL SURFACE.

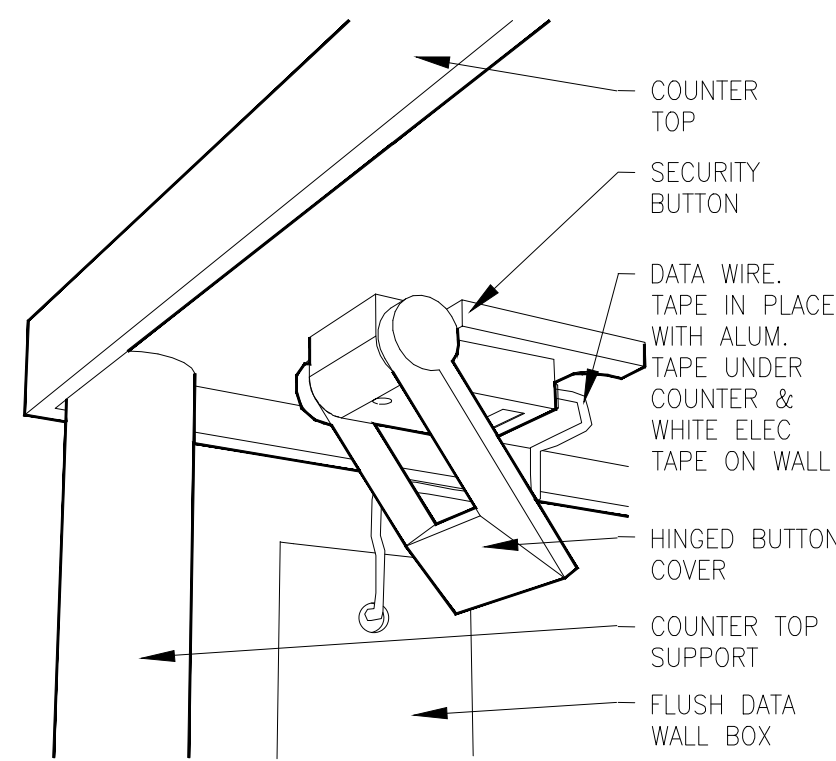
DEDICATED CIRCUITS: DEDICATED CIRCUITS REQUIRE A DEDICATED HOT AND A DEDICATED NEUTRAL THAT ARE NOT SHARED WITH ANY OTHER CIRCUITS. IG RECEPTACLES MUST BE 'PHASE ALIGNED' WITH THE 'B' PHASE OF BUILDING SUBPANEL 'A'.



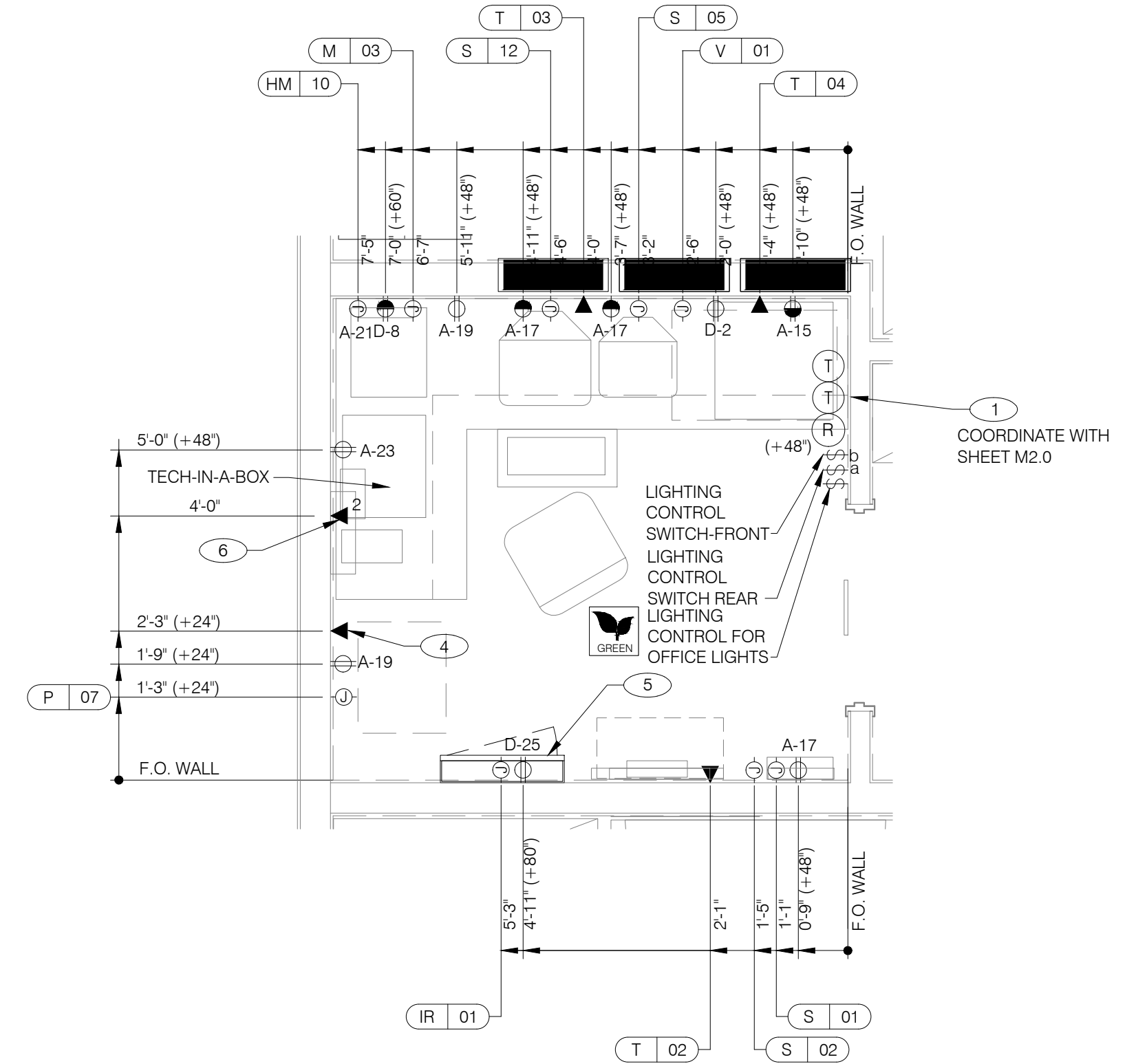
P.O.S. ISOLATED GROUND SYSTEM N.T.S. **14**



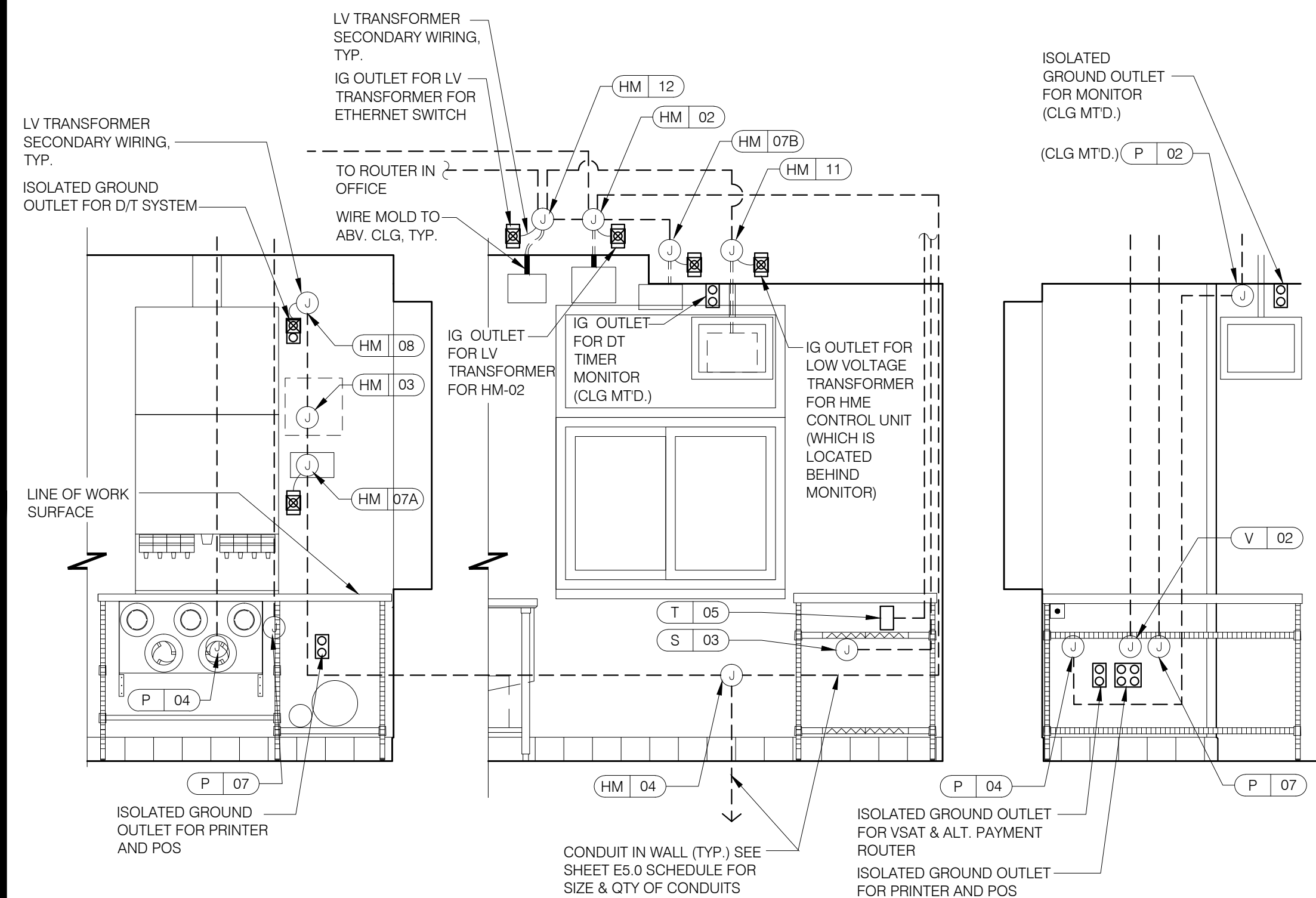
SECURITY BUTTON ON WALL N.T.S. **5**



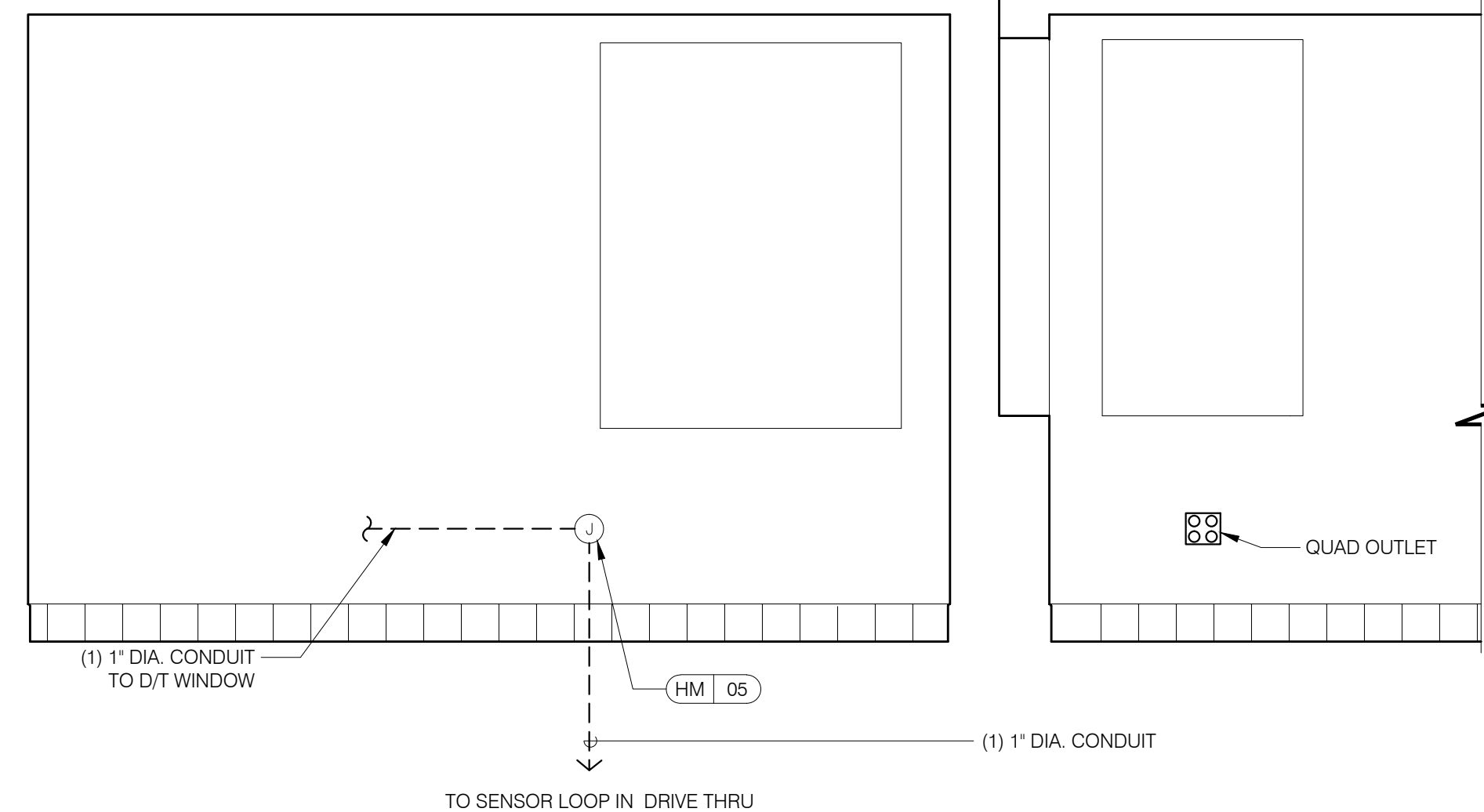
SECURITY BUTTON UNDER COUNTER N.T.S. **6**



ENLARGED POWER AND COMMUNICATIONS PLAN (OFFICE) 1/2" = 1'-0" **3**



ENLARGED INTERIOR ELEVATION (D/T WINDOW) 1/2" = 1'-0" **16**



ENLARGED INTERIOR ELEVATION (PRE-PAY) WINDOW 1/2" = 1'-0" **8**

- 1 THERMOSTAT CONTROLS
- 2 NOT USED.
- 3 NOT USED.
- 4 PHONE JACK FOR MODEM.
- 5 LOCATION OF FAN & LIGHT CONTROL BOX. COORDINATE EXACT LOCATION IN FIELD.
- 6 DATA JACK FOR TECH-IN-A-BOX WITH 2 PORTS.

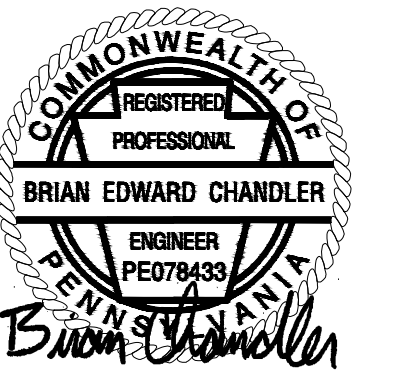
KEY NOTES N.T.S. **A**

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12.10.15

CONTRACT DATE: 04.14.15
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TACO BELL

US Route 220
 Township of Bedford, PA



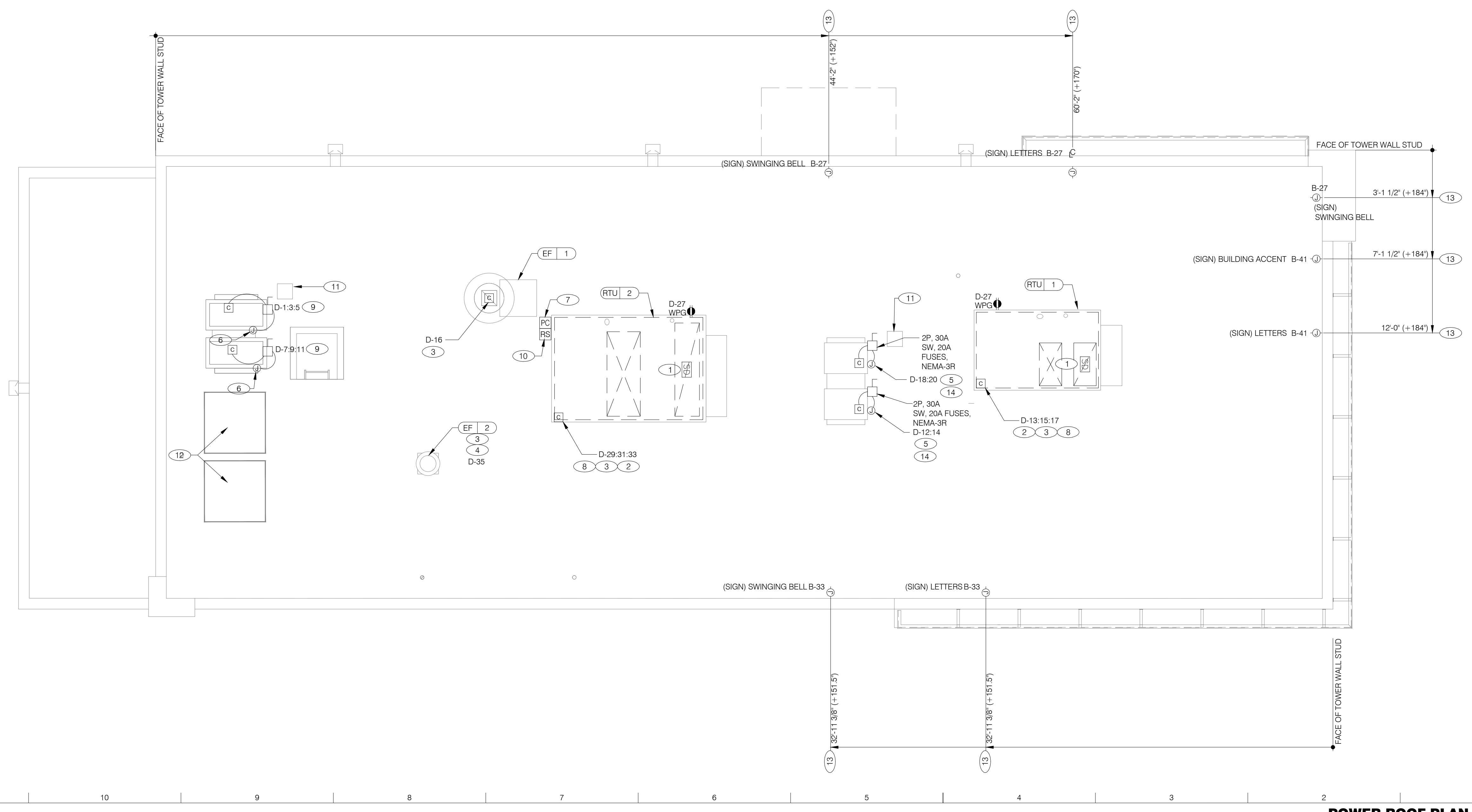
LIVE MAS

LARGE50

ENLARGED POWER PLAN AND DETAILS

E3.1

PERMIT PLOT DATE:



POWER ROOF PLAN 1/4"=1'-0" **A**

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CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV O
 SITE NUMBER:
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TACO BELL
 US Route 220
 Township of Bedford, PA



POWER ROOF PLAN
E3.2

PERMIT PLOT DATE:

- A.** NO CONDUIT SHALL BE FASTENED DIRECTLY TO OR THROUGH ROOFING MEMBRANE.
- B.** ALL CUTS IN ROOFING MEMBRANE SHALL BE MINIMAL AND IN ACCORDANCE WITH ROOFING MFR'S AND INSTALLER'S REQ'S.
- C.** REFER TO MECH. DWGS FOR MECHANICAL EQUIPMENT ELECTRICAL REQ'S.
- D.** ALL EXPOSED ELECTRICAL CONDUITS SHALL PENETRATE ROOF MEMBRANE AT PIPE HOODS U.O.N.
- E.** REFER TO ELECT. EQUIP. SCHEDULE AND ELECT. ROUGH-IN PLAN.
- F.** ALL CONDUITS FROM EXHAUST FANS SHALL BE ROUTED INSIDE OF CURB.
- G.** ALL CONDUITS TO AND FROM RTU SHALL BE ROUTED INSIDE OF RTU CURB. COORDINATE WITH RTU MFR RECOMMENDATIONS.
- H.** REFER TO GENERAL NOTES SHEET E2.0 FOR IMPORTANT INFORMATION.
- I.** ALL WIRING AND CONDUITS SHALL BE CONCEALED. NO CONDUITS PERMITTED TO RUN EXPOSED ACROSS ROOF DECK. ROUTE ALL CONDUITS THROUGH EQUIPMENT ROOF CURBS OR ARCHITECT SPECIFIED ROOF PENETRATIONS.
- J.** ALL OUTLETS AND J-BOXES BEHIND SIGNAGE SHALL BE RECESSED AND FLUSH WITH BUILDING FINISH SURFACE.
- K.** ARMOR CABLE (BX) ALLOWED WHERE ACCEPTABLE BY CODE.

- 1** PROVIDE CONNECTION FROM RETURN AIR DUCT SMOKE DETECTORS TO MECH CONTROL CIRCUIT PER DETAIL 2/E6.0, AND FIRE ALARM SYSTEM (IF PRESENT).
- 2** SPECIFIED TRANE RTU IS SUPPLIED WITH THRU THE BASE ELECTRICAL CONNECTIONS AND FACTORY INSTALLED HACR CIRCUIT BREAKER WITH WEATHER TIGHT ENCLOSURES AND ACCESS THRU SWINGING DOOR.
- 3** POWER AND CONTROL ENTRY FROM BOTTOM OF UNIT.
- 4** CONNECT TO EF-1 RELAY. SEE LIGHTING PLAN FOR EXACT LOCATION.
- 5** 1/2" C. WITH REOD CONDUCTORS TO J-BOX IN CEILING ABOVE ICE MACHINE. MAKE CONNECTION TO ICE MACHINE AND CONDENSING UNIT.
- 6** REFER TO POWER PLAN FOR CONTINUATION TO COOLER / FREEZER.
- 7** MOUNT PHOTOCELL ON NORTH SIDE OF RTU-2. CONNECT TO EXTERIOR LIGHTING CONTROL PANEL.
- 8** RTUS SHALL BE PROVIDED WITH BUILT-IN DISCONNECT, SINGLE POINT WIRING AND CONVENIENCE OUTLET.
- 9** CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TYPE, STARTER, DISCONNECT SWITCH, AND FUSE SIZE (IF REQUIRED) WITH SELECTED EQUIPMENT MANUFACTURERS SHOP DRAWINGS PRIOR TO PLACING ORDER AND FURNISH AND INSTALL EVERYTHING AS REQUIRED.
- 10** RAIN SENSOR.
- 11** PIPE HOOD. SEE DETAIL 9 /A6.0.
- 12** PREFERRED LOCATION OF SATELLITE DISH SLED. SEE SCOPE OF WORK.
- 13** COORDINATE LOCATION OF J-BOX WITH SIGN VENDOR. SEE SCOPE OF WORK.

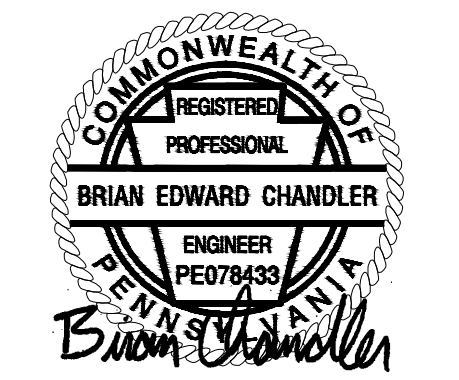
14 ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS INCLUDING ALL NECESSARY INTERCONNECTIONS BETWEEN THE COMPRESSOR ON THE ROOF AND THE EVAPORATOR IN THE ICE MACHINE AS REQUIRED. REFER TO THE MANUFACTURERS SHOP DRAWINGS FOR EXACT INSTALLATION AND INTERCONNECTION REQUIREMENTS PRIOR TO ROUGH-IN INSTALLATION.

NOT USED **F**

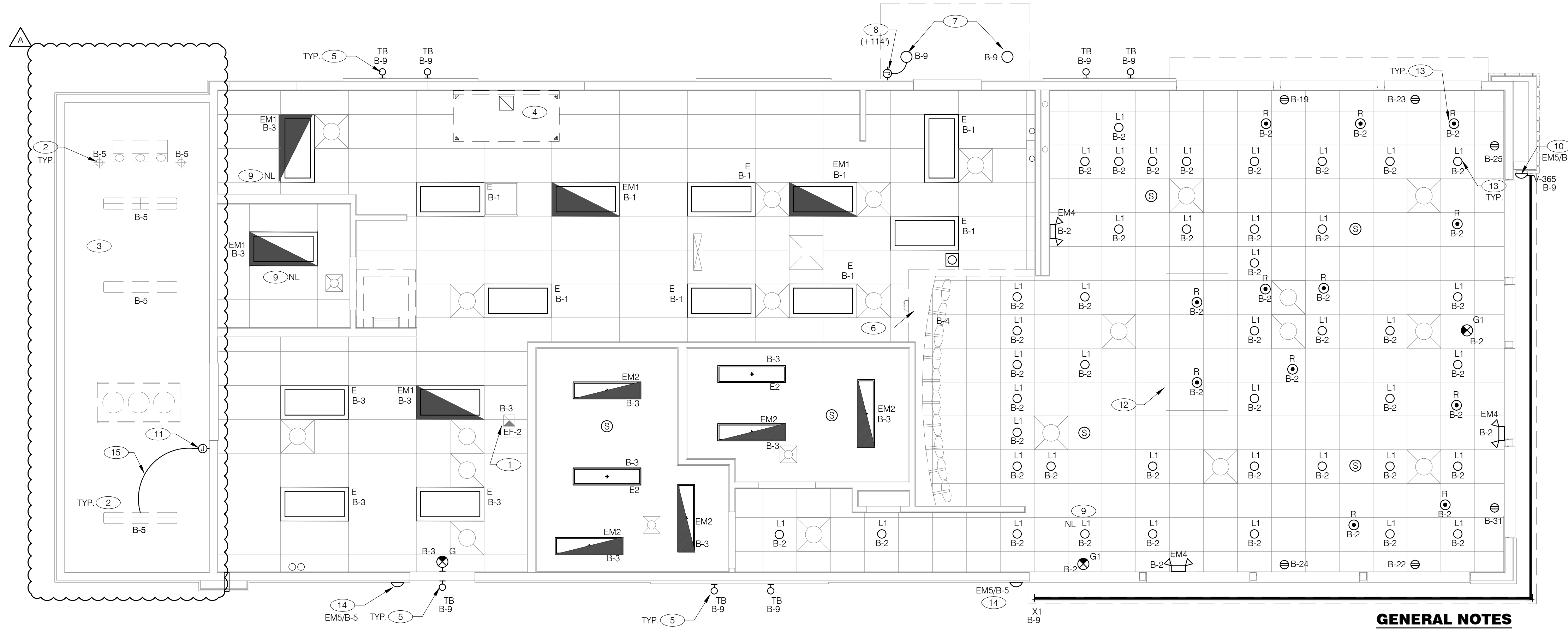
NOT USED **E**

POWER ROOF PLAN NOTES **D**

KEY NOTES **B**



12.10.15



GENERAL NOTES
 THE LISTED LIGHT FIXTURE PACKAGE CAN BE BID DIRECTLY OR ORDERED FROM A ACCUSERV (LIGHTING DISTRIBUTOR). CONTACT BUDDY BOCKWEG 502-961-0096 X19.

- GENERAL NOTES**
- A. CONFIRM LIGHTING FIXTURE QUANTITIES WITH SUPPLIER.
 - B. EMERGENCY AND NORMAL LIGHTING MARKED WITH 'NL' SUBSCRIPT SHALL OPERATE CONTINUOUSLY. PROVIDE UNSWITCHED HOT TO NORMAL AND EMERGENCY BALLAST.
 - C. EMERGENCY LIGHTING NOT MARKED WITH 'NL' SUBSCRIPT SHALL OPERATE UNDER CONTROL OF LIGHTING SWITCH AS INDICATED. PROVIDE UNSWITCHED CONSTANT HOT TO EMERGENCY BALLAST AND SWITCHED HOT TO NORMAL BALLAST.
 - D. ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTING WITH COMPOUND PER NEC 300-(7a).
 - E. ALL INTERIOR LIGHTING CIRCUITS TO BE WIRED THRU THE LIGHTING CONTROL RELAYS. SEE 2/E6.0., FOR BI-LEVEL LIGHTING CONTROLS.
 - F. CONTRACTOR TO FIELD VERIFY CEILING TYPE AND PROVIDE PROPER MOUNTING HARDWARE.
 - G. ALL FIXTURES SUPPLIED WITH LAMPS.

LIGHTING PLAN 1/4"=1'-0" **A**

OWNERS COMMENTS 12.07.15

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA



LIGHTING PLAN AND SCHEDULE

E4.0

PERMIT PLOT DATE:

NO.	QTY	LOCATION	MFR / CATALOG NUMBER	DESCRIPTION	LAMP		BALLAST TYPE	MOUNTING		VOLT	WATT	REMARKS
					#	TYPE		TYPE	HT.			
E	10	KITCHEN & OFFICE	LITHONIA LIGHTING 2TL4	2x4 T-GRID LED TROFFER	-	LED	NA	RECESSED GRID		120	50	-
EM1	5	KITCHEN & OFFICE	LITHONIA LIGHTING 2TL4	2x4 T-GRID LED TROFFER	-	LED	NA	RECESSED GRID		120	50	SAME AS E WITH BATTERY BACK-UP
E2	2	RESTROOM	LITHONIA LIGHTING TL4	1x4 LED TROFFER	-	LED	NA	RECESSED FLANGE		120	46	-
EM2	5	RESTROOM	LITHONIA LIGHTING TL4	1x4 LED TROFFER	-	LED	NA	RECESSED FLANGE		120	46	SAME AS E2 WITH BATTERY BACK-UP
EM4	3	DINING	THOMAS/McPHILBEN CAY6	EMERGENCY LIGHT FROG EYE	2		NA	WALL	TOP @ 9'-4" U.O.N.	120	18	UNSWITCHED HOT
EM5	3	EXTERIOR	LIGHTALARMS CAMN/LX6-DB	EMERGENCY EXTERIOR EGRESS FIXTURE	2			WALL	SEE KEY NOTES	120	18	UNSWITCHED HOT
G	1	KITCHEN	LIGHTOLIER LLNURW	EXIT SIGN, LED UNIVERSAL MOUNT LED	-		NA	WALL		120	4	
G1	2	DINING	LIGHTOLIER LLNURW	EXIT SIGN, LED UNIVERSAL MOUNT LED	-		C	CEILING		120	4	PENDANT MOUNT FIXTURE +9 A.F.F. TO BOTTOM

BALLAST LEGEND

A. 20THD ELECTRONIC T8 THERMALLY PROTECTED C.B.M. APPROVED CLASS P	C. 10 THD ELECTRONIC CLASS B CONSUMER END OF LIFE PROTECTED	E. 100W PRESSURE SODIUM HPF
B. 90 MINUTE EM PRODUCING 350-450 LUMENS	D. F CAN 100W METAL HALIDE HPF 60HZ	F. 100W METAL HALIDE HPF

NO.	QUANTITY	LOCATION	MFR / CATALOG NUMBER	DESCRIPTION	LAMP		BALLAST TYPE	MOUNTING		VOLT	WATT	REMARKS
					#	TYPE		TYPE	HT.			
L1	43	DINING	ACCUSERV #00395-016-RC6-CT6FB	DOWNLIGHT LED RECESSED	1	LED	NA	RECESSED DROP CLG.	BOT @ 9'-4" A.F.F.	120	10.5	
R	12	DINING	ACCUSERV BES00298-052	OPAL GLASS PENDANT	1	11W LED A19 LAMP	NA	PENDANT	6'-0" A.F.F.	120	11	LAMP (60W) EQ WARM WHITE (2700K) LED
TB	9	EXTERIOR WALL	ACCUSERV 05247-051 / 052	WALL SCONCE, CUSTOM DARK BRONZE FINISH	2	18W PAR38 LED 18W	F	WALL	CENTER OF BRACKET AT 9'-2" A.F.F.	120	36	ALIGN BOTTOM OF FIXTURE'S MOUNTING BRACKET WITH CHANGE IN EIFS THICKNESS
TC	9	EXTERIOR WALL (LED OPTION)	HI LITE H-ATB-23-L	GOOSENECK LIGHT	1	LED	NA	WALL	CENTER OF BRACKET AT 14'-0" A.F.F.	120	31	
X1	163.5 LF	EXTERIOR SLAT WALL	AGILIGHT #LA-APEX-65K-G2	LED STRIP LIGHT	1	LED	WALL			120	3.28/FT	BY SIGN VENDOR
A	1 (VERIFY)	SITE POLE	CIMARRON CL1-A-90L-U-4K-2-DB/AVPL-SSS-25-4-11-DM19-DBZ	1 FXTR. POLE MOUNTED DARK BRONZE FINISHED	1	LED 210W	NA	POLE	25'-0"	120	210	SEE CIVIL PLANS FOR POLE DETAILS
B	1 (VERIFY)	SITE POLE	CIMARRON CL1-A-90L-U-4K-3-DB/AVPL-SSS-25-4-11-DM19-DBZ	1 FXTR. POLE MOUNTED DARK BRONZE FINISHED	1	LED 210W	NA	POLE	25'-0"	120	210	SEE CIVIL PLANS FOR POLE DETAILS
C	4 (VERIFY)	SITE POLE	CIMARRON (2) CL1-A-90L-U-4K-3-DB/AVPL-SSS-25-4-11-DM29-DBZ	2 FXTRS. POLE MOUNTED DARK BRONZE FINISHED	1	LED 210W	NA	POLE	25'-0"	120	420	SEE CIVIL PLANS FOR POLE DETAILS

LIGHTING FIXTURE SCHEDULE **C**

- 1 EF-2 SHALL BE CONNECTED AND CONTROLLED VIA LOCAL LIGHTING CIRCUIT.
- 2 INDICATES LIGHTING FIXTURES PROVIDED WITH WALK-IN COOLER. REFER TO GENERAL NOTE D.
- 3 WALK-IN COOLER / FREEZER - SEE SCOPE OF WORK.
- 4 EXHAUST HOOD LIGHT FIXTURES SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER DETAIL 2/E6.0.
- 5 COORD. J-BOX LOCATION SO IT REMAINS CONCEALED BEHIND FIXTURE. VERIFY MOUNTING HEIGHT WITH ARCH. DWGS.
- 6 OUTLET FOR MENU BOARD: SEE SHEET E3.0. VERIFY POINT OF CONNECTION. 10 LIGHT PANELS WIRED IN SERIES. G.C. TO MAKE FINAL CONNECTION.
- 7 CANOPY DOWN LIGHTS FURNISHED WITH CANOPY.
- 8 J-BOX FOR CANOPY LIGHTS. VERIFY POINT OF CONNECTION. WIRE VIA EXTERIOR LIGHTING CONTACTOR.
- 9 NIGHT LIGHT.
- 10 MOUNT 'EM5' AT 8'-6" A.F.G. TO CENTER OF FIXTURE.
- 11 J-BOX FOR COOLER/FREEZER LIGHTS. COORDINATE WITH MANUFACTURER.
- 12 PRE-FABRICATED SOFFIT WITH LIGHTING. REFER TO A7.1 FOR SPECIFICS. (OPTIONAL).
- 13 COORDINATE THE POSITION OF LIGHT FIXTURES WITH THE POSITION OF THE TABLES BELOW.
- 14 MOUNT 'EM5' AT 8'-0" A.F.G. TO CENTER OF FIXTURE.
- 15 WATER PROOF ELECTRICAL CONDUITS.

KEY NOTES **B**



12.10.15

OWNERS COMMENTS 12.07.15

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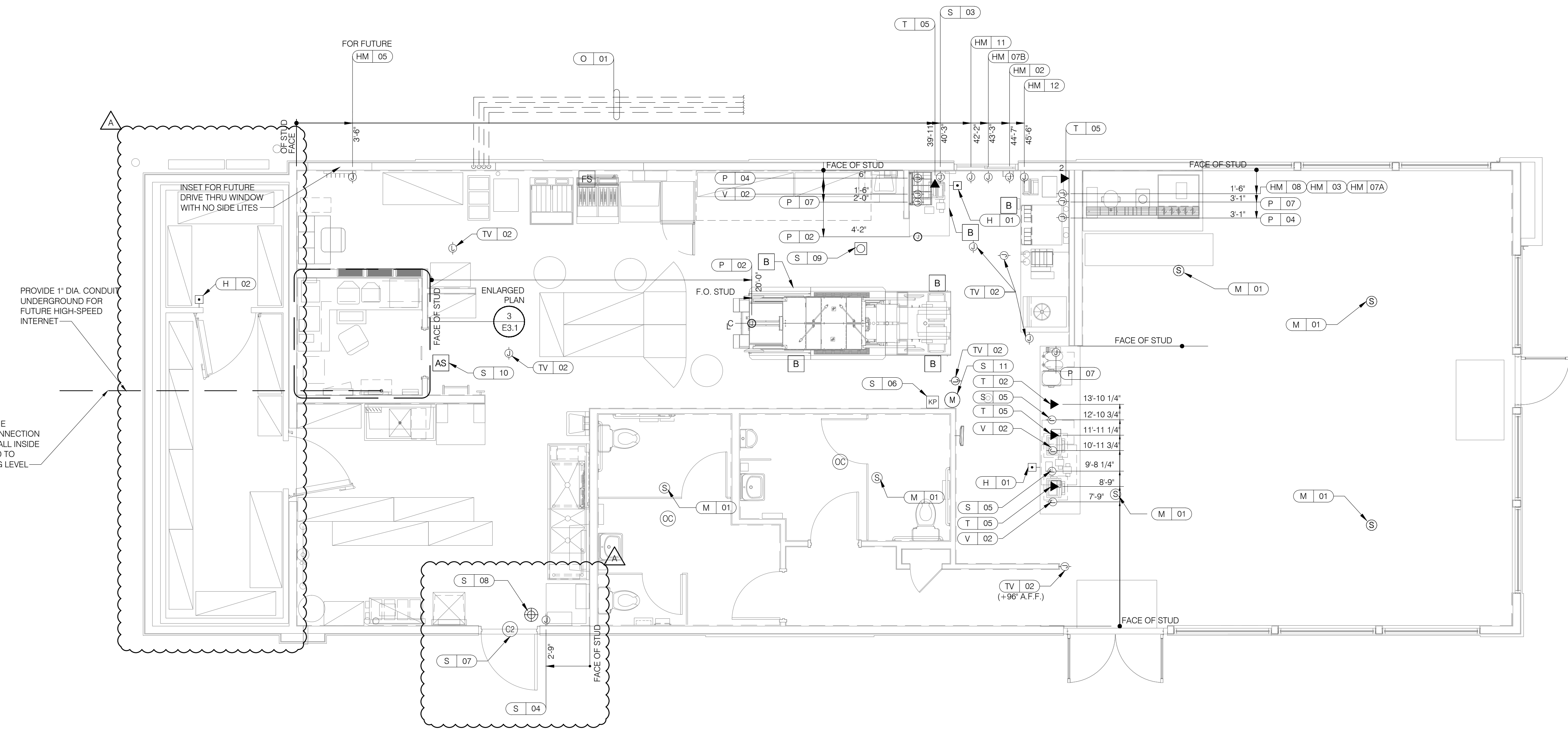
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PROVIDE 1" DIA. CONDUIT UNDERGROUND FOR FUTURE HIGH-SPEED INTERNET

2" C.O. FROM TELEPHONE COMPANY POINT OF CONNECTION (UNDERGROUND). INSTALL INSIDE REAR WALL AND EXTEND TO ABOVE KITCHEN CEILING LEVEL

COMMUNICATIONS PLAN 1/4"=1'-0" **A**

COMMUNICATIONS LEGEND **D**

⊠ HOLD-UP BUTTON (MOUNT 2-1/2" BEHIND COUNTER EDGE)	⊙ DOOR CONTACT
⊙ MUSIC SYSTEM SPEAKERS	⊙ DOOR CONTACT (LINKED TO AUDIO / VISUAL ALARM)
⊙ SECURITY STROBE	⊕ "SOUND ALERT" DEVICE
⊙ J-BOX	⊕ KEYPAD (MTD AT 48" A.F.F.)
◀ 2" x 4" J-BOX W/ DATA PORTS	⊕ ALARM SIREN ABOVE CLG
⊙ MOTION DETECTOR	⊕ BUMP PAD (MOUNT AT FRONT COUNTER)
⊙ OCCUPANCY SENSOR. CEILING MOUNTED. SEE DETAILS 1 & 2 / E7.0	⊕ HOOD FIRE SUPPRESSION SYSTEM PULL STATION
⊗ TECH-IN-A-BOX	

COMMUNICATIONS NOTES **E**

A. SUPPLY AND INSTALL OUTLETS AND CONDUIT FOR OWNER SUPPLIED AND INSTALLED CABLE AND LOW VOLTAGE WIRING (U.O.N.). TELEPHONE AND MUSIC SYSTEM WIRING SHALL BE SUPPLIED AND INSTALLED. SEE SCOPE OF WORK SHEETS.

B. SEE SHTS. E3.0 AND E3.1 FOR ELECT. INFO ON POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.

C. THIS PLAN INCLUDES CONDUITS AND J-BOXES FOR POS, SECURITY SYSTEM, CCTV SYSTEM, (OFFICE) COMPUTER, TELEPHONE SYSTEM, MUSIC SYSTEM, DRIVE-THRU TIMER AND DRIVE-THRU COMMUNICATION SYSTEM.

D. ALL OUTLETS AND BOXES MOUNTED IN THE SERVING COUNTER CABINETRY ARE TO BE 24" AFF. INSTALL JUNCTION BOXES WITH CONDUIT UNDER CABINET TO NEAREST WALL AND TO ABOVE CEILING.

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
H 01	UNDER COUNTER HOLD-UP BUTTON		INSTALL 3045 CTW PART. SEE DETAIL 6/E3.1
H 02	WALL MOUNTED HOLD-UP BUTTON	+18" A.F.F.	2X4 J-BOX FLUSH MOUNTED IN WALK-IN WALL BY COOLER MANUFACTURER WITH 1/2" CONDUIT TO OUTSIDE OF COOLER NEAR KITCHEN CEILING. SECURITY SYSTEM INSTALLER TO INSTALL HOLD-UP BUTTON FACING DOWN AND RUN WIRING. SEE DETAIL 5/E3.1
HM 01	NOT USED		
HM 02	D/T TIMER SIGNAL PROCESSOR J-BOX	+114" A.F.F.	4X4 J-BOX @ D/T BASE STATION W/ (1) 1-1/2" C TO HM-08 & (1) 1-1/2" C TO HM-07A. SEE DET. 16/E3.1.
HM 03	D/T BASE STATION J-BOX	+72" A.F.F.	4X4 J-BOX @ D/T BASE STATION W/ (1) 1-1/2" C TO HM-08 & (1) 1-1/2" C TO HM-07A. SEE DET. 16/E3.1.
HM 04	D/T COMM SYSTEM J-BOX	+18" A.F.F.	4X8 J-BOX W/ (1) 1" CONDUIT TO HM-02, (1) 1" CONDUIT TO HM-07A, (1) 1" CONDUIT TO PICK-UP WINDOW D/T LOOP, AND (3) 1" CONDUITS TO D/T MENU BOARD. SEE DET. 16/E3.1.
HM 05	D/T COMM SYSTEM J-BOX	+18" A.F.F.	4X4 J-BOX W/ 1" CONDUITS TO PRE-PAY WINDOW D/T LOOP & D/T WINDOW J-BOX HM-04. SEE DET. 8/E3.1.
HM 07A	D/T TIMER DISPLAY J-BOX	+62" A.F.F.	2X4 J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 AND (1) 1" C TO HM-04. SEE DET. 16/E3.1.
HM 07B	D/T TIMER DISPLAY J-BOX	+108" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-02. SEE DET. 16/E3.1.
HM 08	D/T J-BOX	+96" A.F.F.	4X4X4" DEEP (MIN.) J-BOX W/ (1) 1-1/2" CONDUIT TO HM-03 & (1) 1-1/2" CONDUIT TO HM-02. SEE DET. 16/E3.1.
HM 10	OCB SWITCH	+52" A.F.F.	2X4 J-BOX W/ (1) 1" CONDUIT TO ABOVE CEILING
HM 11	D/T CONTROL UNIT J-BOX	+108" A.F.F.	2X4 J-BOX ABV. CEILING W/ (1) 1" CONDUIT TO HM-12. SEE DET 16/E3.1.
HM 12	D/T ETHERNET SWITCH J-BOX	+114" A.F.F.	2X4 J-BOX ABV. CLG W/ (1) 1" CONDUIT TO HM-11, 1" CONDUIT TO HM-02, AND 1" CONDUIT TO OFFICE ROUTER
IR 01	IRRIGATION TIMER	+80" A.F.F.	4X4 J-BOX W/ 1" CONDUIT TO IRRIGATION VALVES.
M 01	RECESSED CEILING SPEAKERS, COLOR - BLACK	CEILING	SPEAKER WIRING FROM SPEAKERS IN DINING ROOM TO AMPLIFIER IN OFFICE. FOR EXACT LOCATION OF SPEAKERS, SEE LIGHTING PLAN SHEET E4.0.
M 03	MUSIC SYSTEM J-BOX	+60" A.F.F.	4X4 J-BOX & COVER W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR MUSIC SYSTEM. SEE SCOPE OF WORK.
O 01	(4) 1" DATA CONDUITS	U.G.	FROM MENU BOARD/SPEAKER POST TO ABOVE CEILING FOR OCB AND D/T COMM. SYST. SEE DET. 4/E7.0.
P 02	KITCHEN MONITOR J-BOX	@ CLG.	2X4 J-BOX FLUSH @ CEILING. FOR M.A.P.S. LINE / DRIVE THRU MONITOR J-BOX.
P 04	BUMP PAD J-BOX	+24" A.F.F.	2X4 J-BOX W/ (1) 3/4" CONDUIT TO P-02
P 07	POS J-BOX W/ 2-1/2" DIA HOLE IN COVER PLATE	+24" A.F.F.	6X6X4" DEEP J-BOX W/ 2-1/2" CONDUIT IN WALL TO ABV. CEILING, WITH PULL STRING FOR POS.
S 01	J-BOX SECURITY SYSTEM	+48" A.F.F.	4X4 J-BOX AT SECURITY SYSTEM CONTROL PANEL W/ (1) 2" CONDUIT TO S-02.
S 02	J-BOX SECURITY SYSTEM	+106" A.F.F.	4X4 J-BOX ADJACENT TO T-02 W/ (1) 2" CONDUIT TO S-01.

COM. #	EQUIPMENT ITEM	ELEVATION	REMARKS
S 03	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABV. CLG. FOR HOLD-UP BUTTON SIGNAL WIRE. SEE ELEVATION 8/E3.1.
S 04	J-BOX SECURITY SYSTEM	+84" A.F.F.	2X4 J-BOX W/ COVER & (1) 1/2" CONDUIT TO ABOVE CEILING.
S 05	J-BOX SECURITY SYSTEM	+24" A.F.F.	2X4 J-BOX W/ 3/4" CONDUIT TO S-05 AND TO ABOVE CEILING.
S 06	J-BOX SECURITY SYSTEM	+48" A.F.F.	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR SECURITY SYSTEM KEYPAD.
S 07	J-BOX SECURITY SYSTEM	TOP OF JAMB	2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING FOR DOOR CONTACT.
S 08	"SOUND ALERT" DEVICE	CEILING	CONNECT TO SECURITY SYSTEM.
S 09	SECURITY STROBE LIGHT	CEILING	CONNECT TO SECURITY SYSTEM.
S 10	ALARM SIREN	ABV. CEILING	CONNECT TO SECURITY SYSTEM
S 11	MOTION / HEAT DETECTOR	+78" A.F.F.	STUB 1/2" CONDUIT. D5835 OR D5820. MOUNT 90" A.F.F. FOR OFFICE
S 12	J-BOX SECURITY DVR	+42" A.F.F.	2X4 J-BOX FOR SECURITY DVR.
T 01	TELEPHONE SERVICE BOX PER LOCAL TELEPHONE COMPANY. PROVIDE 24"X24"X3/4" PLYWOOD PANEL AT CLG. PROVIDE PULL STRING IN 2" CONDUIT.	+48" A.F.F.	PROVIDE (1) 25 PAIR TELEPHONE CABLE. ONLY (2) LINES TO BE USED. LINE ONE FOR VOICE/FAX. LINE (2) FOR COMPUTER MODEM.
T 02	SECURITY SYSTEM PHONE JACK	+106" A.F.F.	2X4 J-BOX ADJACENT TO S-02 W/ RJ-31X PHONE JACK.
T 03	VOICE LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ DOUBLE RJ-11 PHONE JACK & 1" CONDUIT TO ABOVE CEILING.
T 04	COMPUTER LINE PHONE JACK	+42" A.F.F.	2X4 J-BOX W/ RJ-11 PHONE JACK AND 1" CONDUIT TO ABOVE CEILING.
T 05	POS PHONE JACK	+24" A.F.F.	2X4 J-BOX W/ 1" CONDUIT TO ABOVE CEILING.
	CLOSED CIRCUIT TELEVISION (CCTV)		CCTV INSTALLATION IS BASED ON THE CRIME INDEX AS DETERMINED BY YUM! LOSS PREVENTION MANAGER. THE STANDARD CCTV PACKAGE WILL CONSIST OF (1) CCTV MONITOR W/ WALL BRACKET AND (1) MINI-DOME CAMERA MTD. TO BTM OF MENU BOARD BULKHEAD.
TV 02	SECURITY CAMERA	+90" A.F.F.	MINI-DOME CAMERA MTD. TO BTM. OF MENU BOARD BULKHEAD. 2X4 J-BOX W/ (1) 1/2" CONDUIT TO ABOVE CEILING MTD. ON BACK SIDE OF BULKHEAD (7 TOTAL).
V 01	ALTERNATE PAYMENT ROUTER BOX	+90" A.F.F.	4X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES (DOUBLE JACK)
V 02	CREDIT CARD READER (VSAT)	+24" A.F.F.	2X4 J-BOX W/ 1/2" CONDUIT TO ABOVE CEILING FOR ETHERNET CABLES.

COMMUNICATIONS ROUGH-IN SCHEDULE **B**

CONTRACT DATE: 04.14.15
 BUILDING TYPE: LIVE MAS -Large 50
 PLAN VERSION: 06.08.15 -- REV 0
 SITE NUMBER:
 STORE NUMBER:

TACO BELL
 US Route 220
 Township of Bedford, PA



COMMUNICATIONS PLAN
E5.0
 PERMIT PLOT DATE:

Taco Bell Interlock Control Box

The intent of the Control Box is to activate or deactivate the following:

- Kitchen Lighting
Exhaust hood exhaust fan
Exhaust hood lighting
Make up air / replacement air fan
Rest room / cook line exhaust fan
Dining room lighting

Sequence of Operation

Occupied Mode

A Team Member turns on the kitchen lights by flipping a wall switch "up" in the manager's office, placing the kitchen in "Occupied" mode. The switch is installed inverted in the office so that the normal action of flipping the switch up breaks power to the lighting contactor in the Control Box. The contacts in the lighting contactor revert to their normally closed position. This allows power to proceed to the following:

- The restroom and cook line exhaust fan marked "EF-2"
A light switch in the manager's office for the dining room lights
The kitchen and rest room lights
A timer relay for the exhaust hood motor starter marked "EF-1" and a relay (R1) for the make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2.

The timer relay for the exhaust hood motor starter immediately activates motor starter EF-1 and relay R1. When activated, motor starter EF-1 contacts close providing power to the exhaust hood exhaust fan. It also closes auxiliary contacts that turn on the exhaust hood lights. Activation of relay R1 causes the contacts for RTU 1 and RTU 2 to close, returning 24 volts to the evaporator fan controller of each respective unit.

Unoccupied Mode

A Team Member turns off the kitchen lights by flipping a wall switch "down" in the manager's office, placing the kitchen in "Unoccupied" mode. The switch is installed inverted in the office so that the normal action of flipping the switch down provides power to the lighting contactor in the Control Box. The contacts in the lighting contactor open from their normally closed position. This breaks power to the following:

- The restroom and cook line exhaust fan marked "EF-2"
A light switch in the manager's office for the dining room lights
The kitchen and rest room lights
Control power to timer relay for the exhaust hood motor starter marked "EF-1" and a relay (R1) for the make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2.

The timer relay for the exhaust hood motor starter continues power to motor starter EF-1 and the relay (R1) for the make up air replacement fan (evaporator fan) in RTU 1 and RTU 2 for fifteen minutes after the loss of power to the timer. Motor starter EF-1 continues to provide power to the exhaust hood exhaust fan. It also keeps closed the auxiliary contacts that turn on the exhaust hood lights. Power also continues to relay (R1) for the make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2. After fifteen minutes without power to the timer, the timer opens contacts to EF-1 motor starter, the auxiliary hood lighting contacts and relay (R1) for the make up air replacement fan (evaporator fan) in RTU 1 and RTU 2. This drops power to the exhaust fan and the hood lights. Relay R1 opens its contacts interrupting the 24 volts returned to RTU 1 and RTU 2 evaporator fan controllers. RTU 1 and RTU 2 evaporator fans may continue to operate if their respective zone controllers are calling for evaporator fan operation.

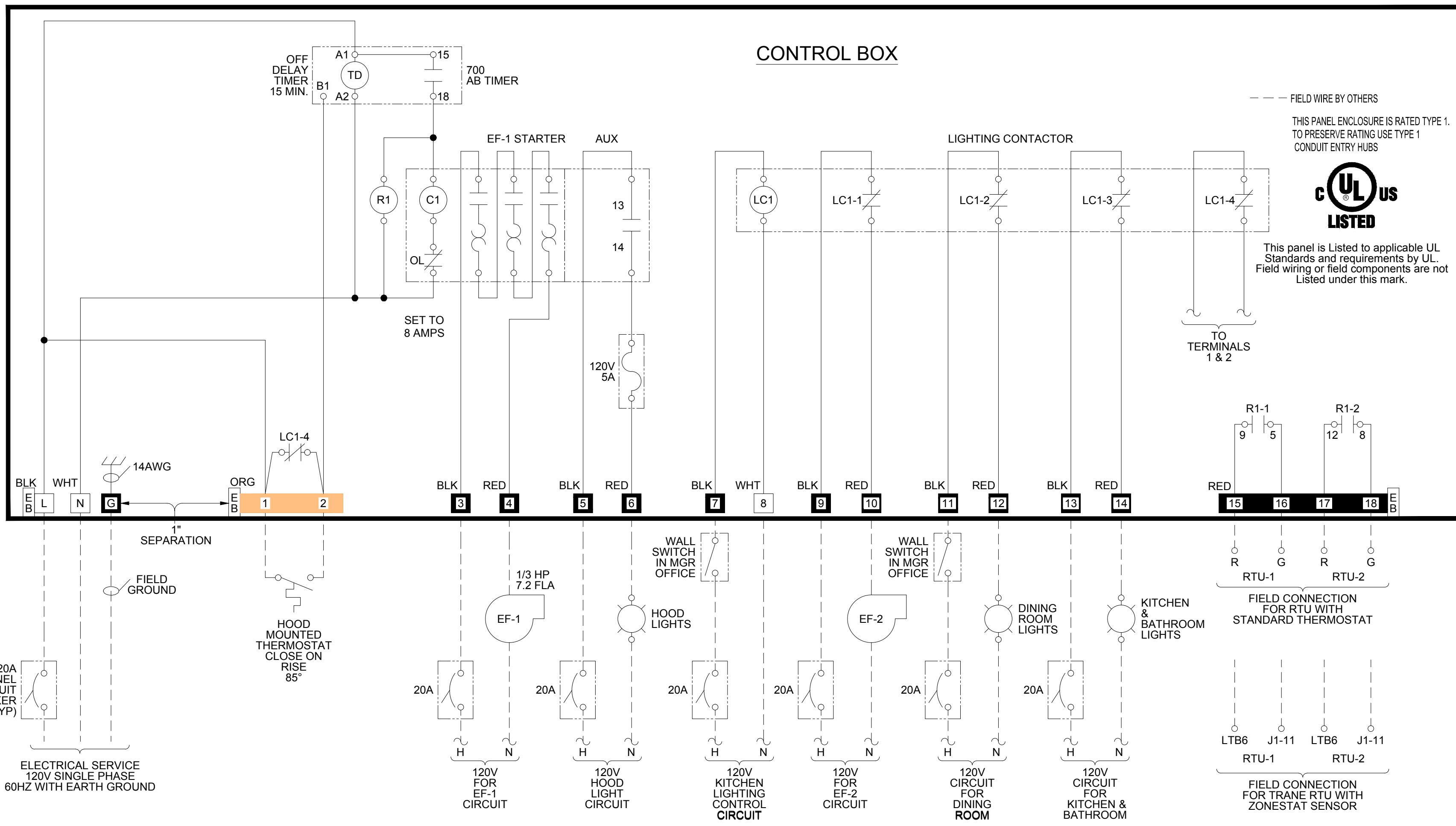
In the event of a rise in temperature above 85 degrees in the exhaust hood, control voltage will be sent to the timer relay for the exhaust hood motor starter which will immediately activate motor starter EF-1 and relay R1. When activated, motor starter EF-1 contacts close providing power to the exhaust hood exhaust fan. It also closes auxiliary contacts that turn on the exhaust hood lights. Upon activation of relay R1, the contacts for RTU 1 and RTU 2 close, returning 24 volts to the evaporator fan controller of each unit.

When in Unoccupied mode and upon a drop in temperature below 100 degrees in the exhaust hood, control voltage to the timer delay is dropped however the timer relay for the exhaust hood motor starter continues power to motor starter EF-1 and the relay (R1) for the make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2 for fifteen minutes after the loss of control power to the timer. Motor starter EF-1 continues to provide power to the exhaust hood exhaust fan. It also keeps closed the auxiliary contacts that turn on the exhaust hood lights. Power also continues to relay (R1) for the make up air replacement fan (evaporator fan) in RTU 1 and RTU 2. After fifteen minutes without power to the timer, the timer opens contacts to EF-1 motor starter, the auxiliary hood lighting contacts and relay (R1) for the make up air replacement air fan (evaporator fan) in RTU 1 and RTU 2. This drops power to the exhaust fan and the hood lights. Relay R1 opens its contacts interrupting the 24 volts returned to RTU 1 and RTU 2 evaporator fan controllers. RTU 1 and RTU 2 evaporator fans may continue to operate if their respective zone controllers are calling for evaporator fan operation.

External Operations

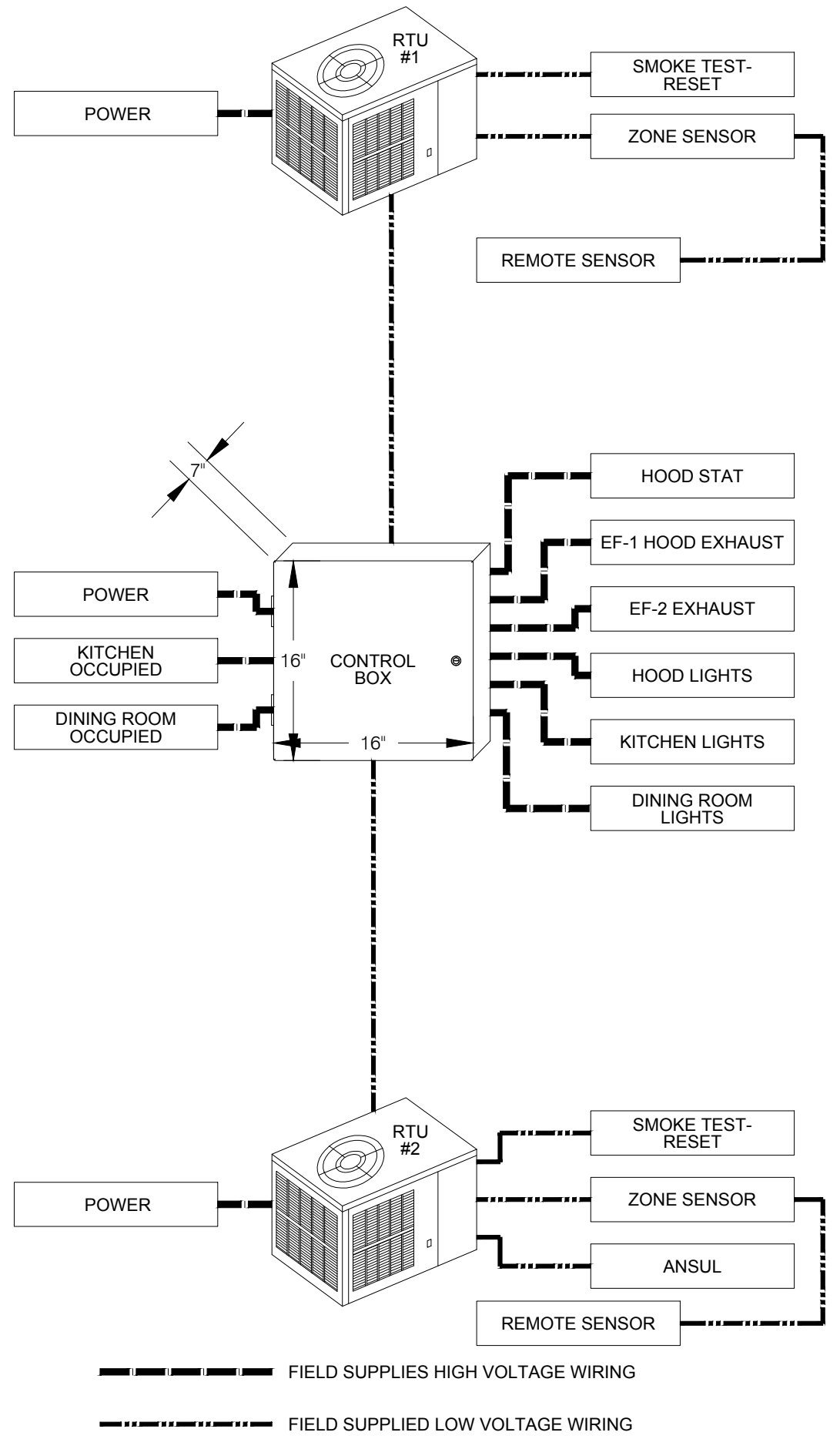
The following operations take place between the package units and various components:

- Control voltage for RTU 2 shall pass through contacts in the fire suppression system for the exhaust hood so that RTU 2 evaporator fan shuts down upon an activation of the fire suppressant into the hood. The system shall be wired directly between the fire suppression system and RTU 2.
A remote smoke detector system testing, annunciation and unit reset shall be installed in the manager's office for each RTU. The system shall be wired directly between each RTU and its respective testing, annunciation and reset device.

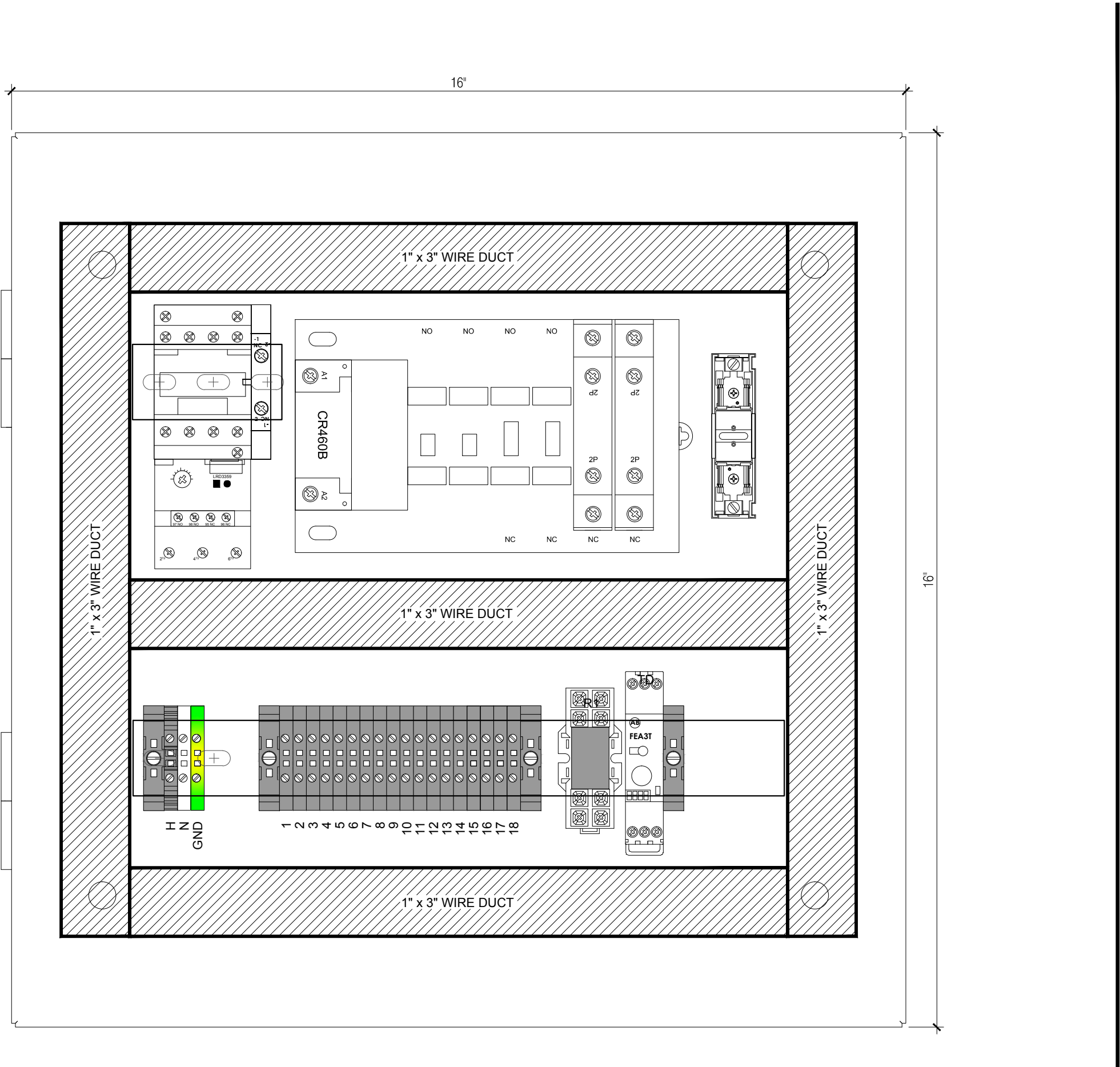


CONTROL BOX
Taco Bell's supplier of the Control Box is Air Care Experts. The Control Box includes the box and all components shown within the box and internal wiring between the components.
Primary Contact: Chuck McCabe
Phone: 949 770 2222
Fax: 949 770 5885
Email: cmccabe@ace-iaq.com
Be prepared at time of order or quote to specify the manufacturer of the package units.

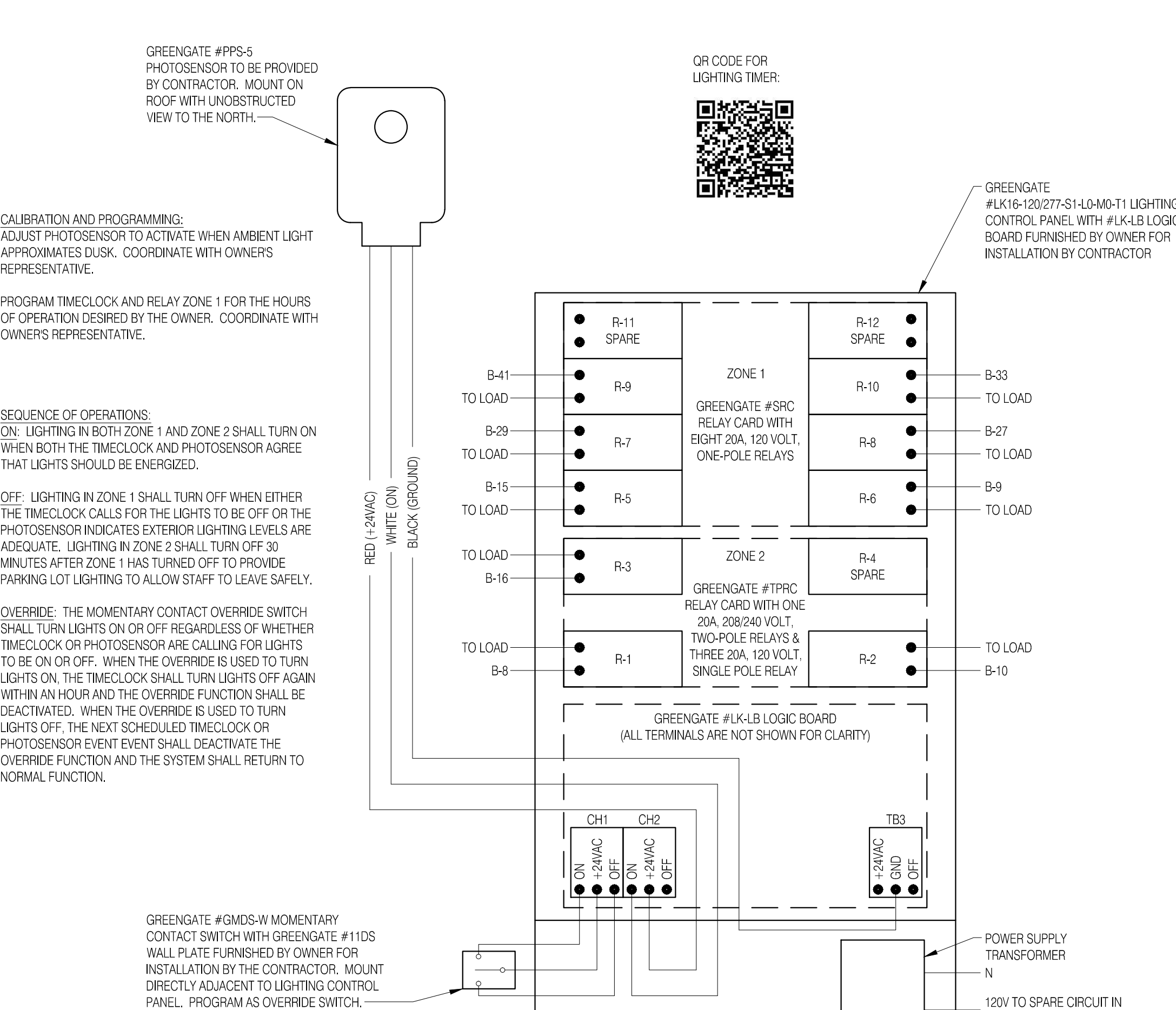
LIGHTING CONTROL RELAY (REAR) AND HOOD AND HVAC INTERLOCK DETAIL N.T.S. 2



COMPONENT RELATIONSHIP N.T.S. 20



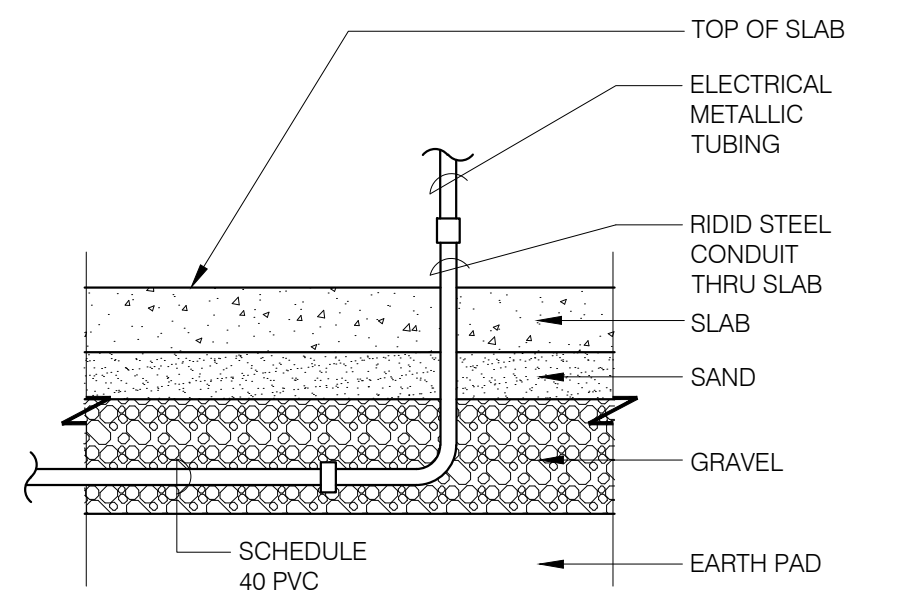
FAN & LIGHT CONTROL BOX N.T.S. 12



EXTERIOR LIGHTING CONTROL RELAY N.T.S. 4

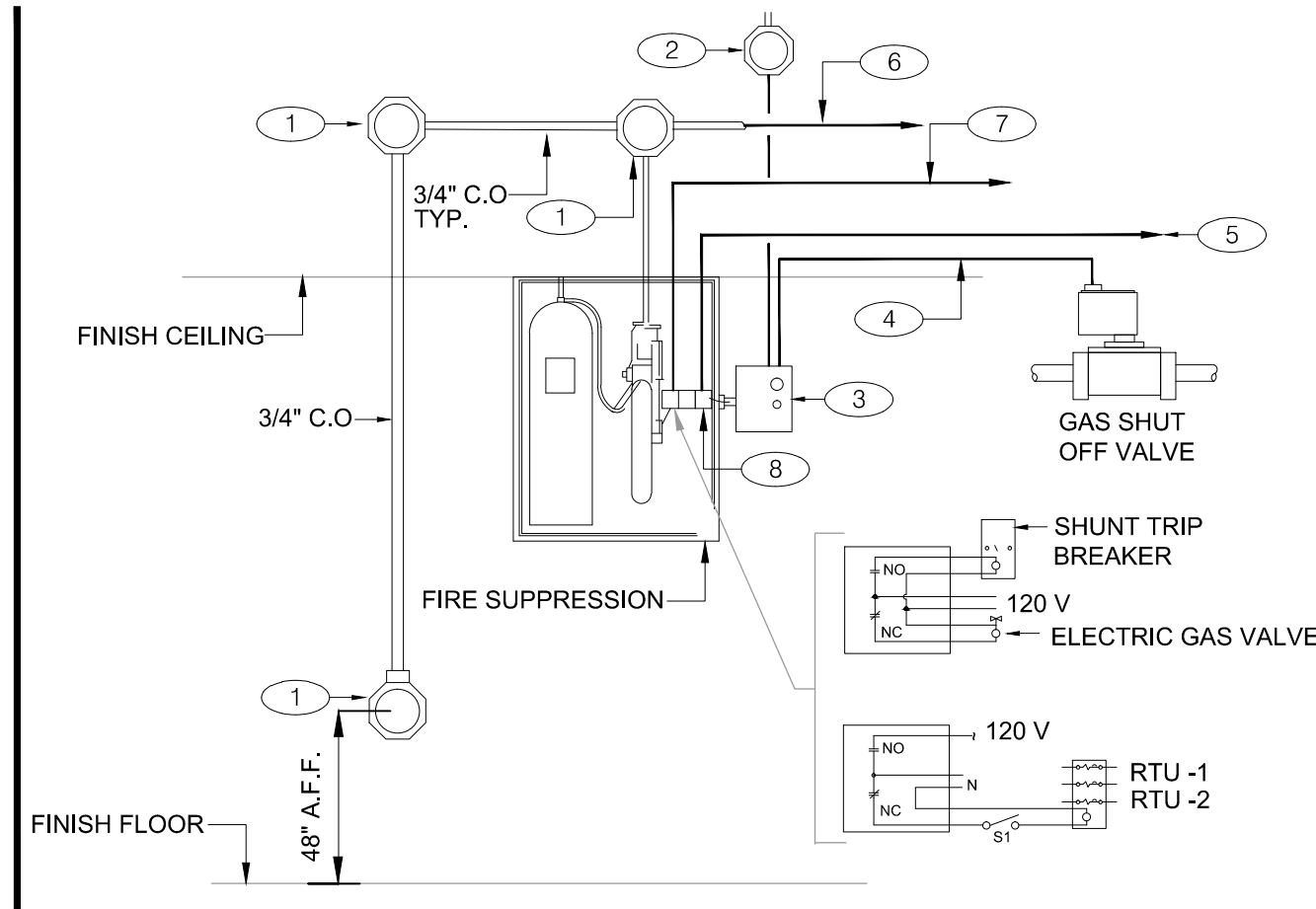
Professional Engineer information for Brian Edward Chandler, including contact details, license number PE078433, and a QR code for the lighting timer.

TACO BELL LIVE MAS LARGES0 ELECTRICAL DETAILS E6.0
Contract Date: 04.14.15
Building Type: LIVE MAS - Large 50
Plan Version: 06.08.15 - REV 0
Site Number:
Store Number:
Power Supply Transformer N
120V to 5A CIRCUIT IN PANEL 5



NOTE: GREEN GROUND WIRE REQUIRED IN ALL CONDUITS, SIZED PER N.E.C. REQUIREMENTS.

UNDER SLAB CONDUIT N.T.S. **17**



FIRE SUPPRESSION SYSTEM WIRING DIAGRAM N.T.S. **9**

GENERAL NOTES:

1. REFER TO SHEET M3.0
2. PROVIDE 4" OCTAGONAL J-BOX.
3. PROVIDE J-BOX AND 110 V CIRCUIT. REFER TO EQUIPMENT SCHEDULE/FLOOR PLAN FOR CIRCUIT ASSIGNMENT. INTERCONNECT TO MANUAL RESET RELAY THROUGH MICROSWITCH.
4. PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO VALVE AND RESET RELAY.
5. PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO EXHAUST & SUPPLY FAN INTERFACE THROUGH MICROSWITCH ON HOOD.
6. CABLE AND CONNECTION TO FUSIBLE LINKS AT EXHAUST HOOD BY K.E.C.
7. PROVIDE INTERCONNECTION TO 'SHUNT TRIP' BREAKER AT PANEL AND MICROSWITCH AT HOOD.
8. SLOT FOR SNAP ACTION MICRO-SWITCH. UP TO FOUR SWITCHES AVAILABLE FOR HOOK-UP. SWITCH 1: GAS SHUT-OFF VALVE. SWITCH 2: EXHS. SWITCH 3: SHUNT TRIP BREAKER IN ELE PANEL.

KEY NOTES:

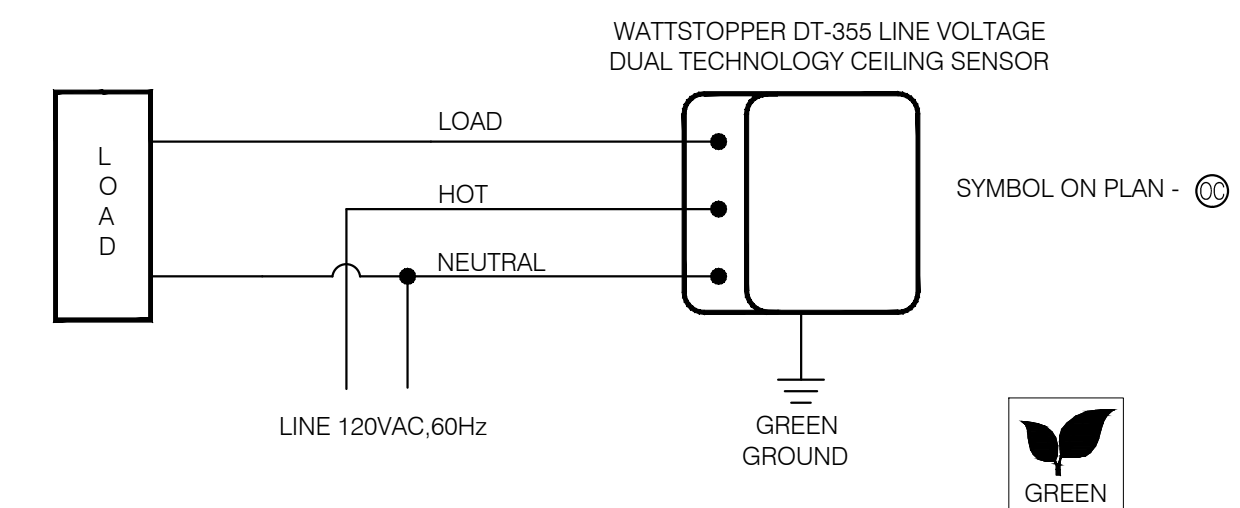
1. PROVIDE 4" OCTAGONAL J-BOX.
2. PROVIDE J-BOX AND 110 V CIRCUIT. REFER TO EQUIPMENT SCHEDULE/FLOOR PLAN FOR CIRCUIT ASSIGNMENT. INTERCONNECT TO MANUAL RESET RELAY THROUGH MICROSWITCH.
3. PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO VALVE AND RESET RELAY.
4. PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO EXHAUST & SUPPLY FAN INTERFACE THROUGH MICROSWITCH ON HOOD.
5. PROVIDE 1/2" C WITH CONTROL CABLE. MAKE INTERCONNECTIONS TO EXHAUST & SUPPLY FAN INTERFACE THROUGH MICROSWITCH ON HOOD.
6. CABLE AND CONNECTION TO FUSIBLE LINKS AT EXHAUST HOOD BY K.E.C.
7. PROVIDE INTERCONNECTION TO 'SHUNT TRIP' BREAKER AT PANEL AND MICROSWITCH AT HOOD.
8. SLOT FOR SNAP ACTION MICRO-SWITCH. UP TO FOUR SWITCHES AVAILABLE FOR HOOK-UP. SWITCH 1: GAS SHUT-OFF VALVE. SWITCH 2: EXHS. SWITCH 3: SHUNT TRIP BREAKER IN ELE PANEL.

NOT USED N.T.S. **1**

NOT USED N.T.S. **18**

NOT USED N.T.S. **14**

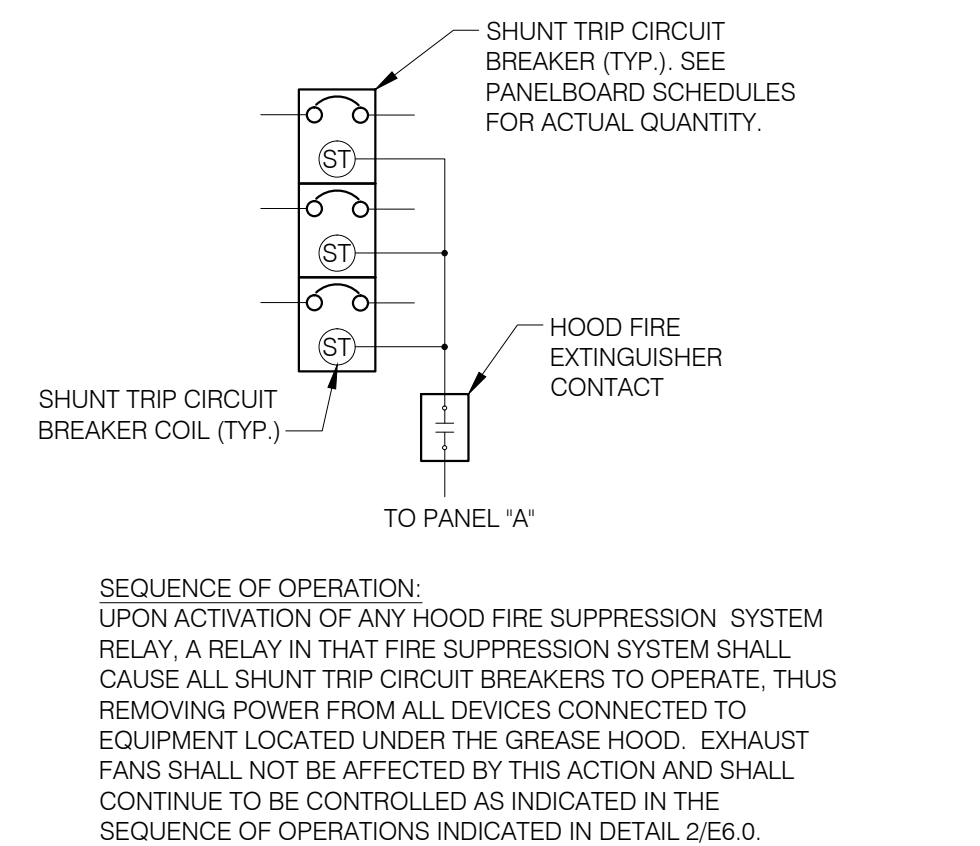
NOT USED N.T.S. **10**



CEILING OCCUPANCY SENSOR WIRING DIAGRAM N.T.S. **2**

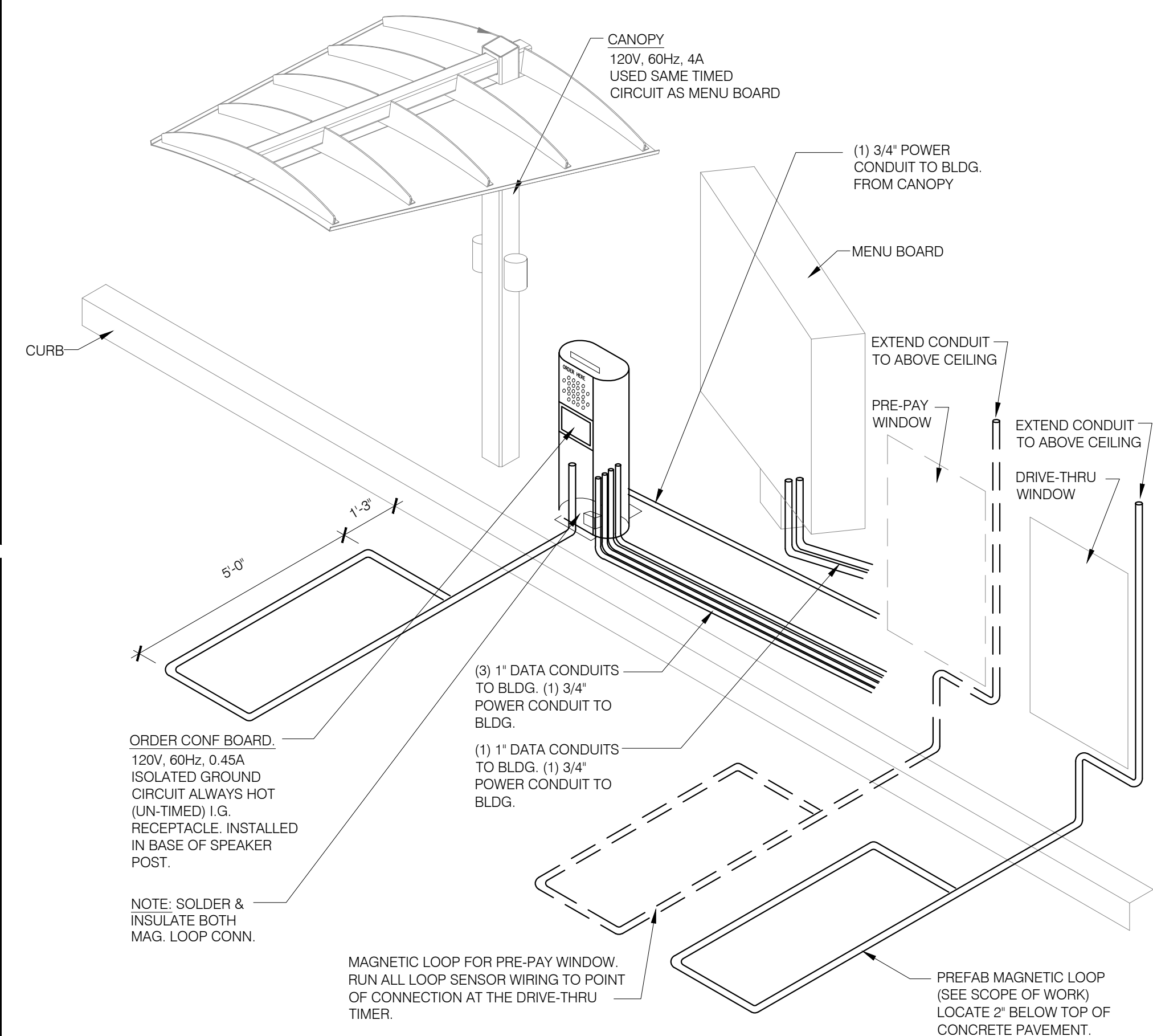
NOT USED N.T.S. **19**

NOT USED N.T.S. **15**



SHUNT TRIP DETAIL N.T.S. **11**

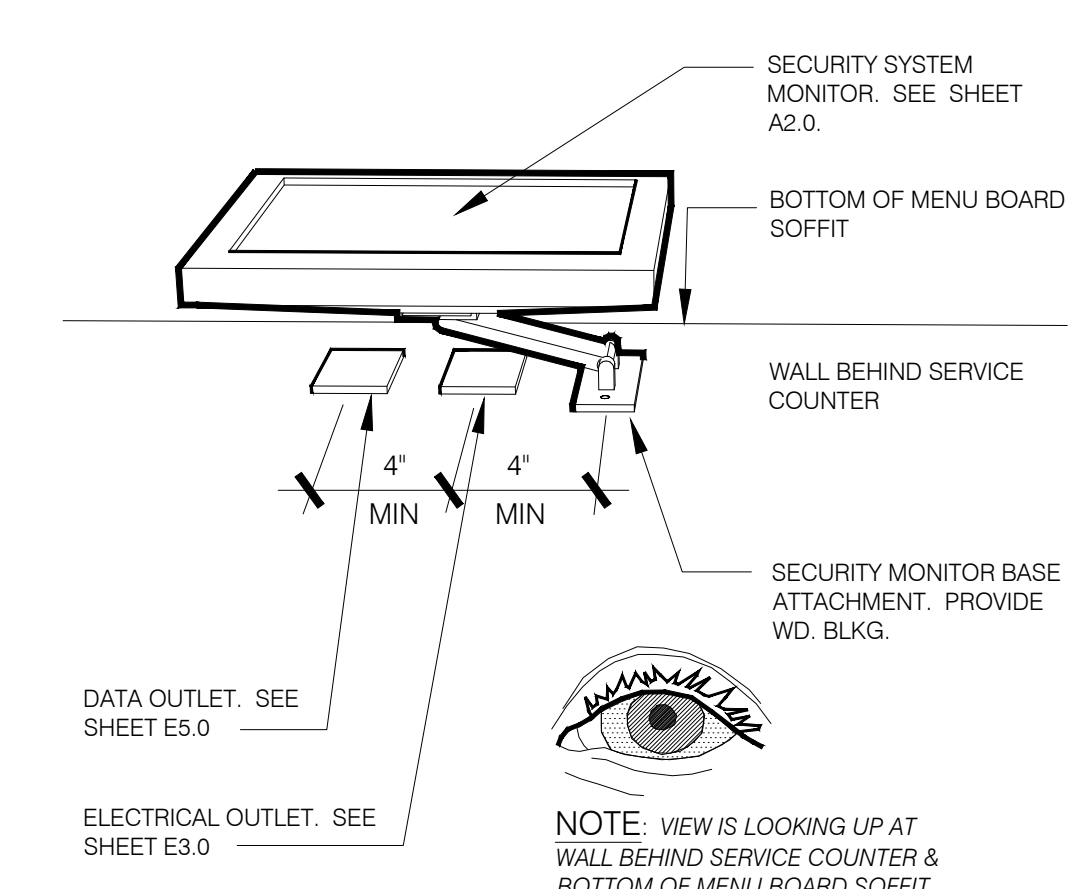
SEQUENCE OF OPERATION:
UPON ACTIVATION OF ANY HOOD FIRE SUPPRESSION SYSTEM RELAY, A RELAY IN THAT FIRE SUPPRESSION SYSTEM SHALL CAUSE ALL SHUNT TRIP CIRCUIT BREAKERS TO OPERATE, THUS REMOVING POWER FROM ALL DEVICES CONNECTED TO EQUIPMENT LOCATED UNDER THE GREASE HOOD. EXHAUST FANS SHALL NOT BE AFFECTED BY THIS ACTION AND SHALL CONTINUE TO BE CONTROLLED AS INDICATED IN THE SEQUENCE OF OPERATIONS INDICATED IN DETAIL 2/E6.0.



DRIVE-THRU COMMUNICATIONS ISOMETRIC N.T.S. **4**

NOT USED N.T.S. **20**

NOT USED N.T.S. **16**



POWER/DATA @ SECURITY MONITOR N.T.S. **12**

NOTE: VIEW IS LOOKING UP AT WALL BEHIND SERVICE COUNTER & BOTTOM OF MENU BOARD SOFFIT.

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12.10.15

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CONTRACT DATE: 04.14.15
BUILDING TYPE: LIVE MAS - Large 50
PLAN VERSION: 06.08.15 - REV 0
SITE NUMBER:
STORE NUMBER:

TACO BELL
US Route 220
Township of Bedford, PA



ELECTRICAL DETAILS
E7.0

PERMIT PLOT DATE: