



- A. ALL WORK SHALL CONFORM TO THE CODES, AND ALL OTHER APPLICABLE CODES, STANDARDS, AND REGULATIONS OF AUTHORITY HAVING JURISDICTION.
- B. IT IS INTENDED THAT A COMPLETE OCCUPIABLE BUILDING PROJECT IS PROVIDED.
- C. THE GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION (A.I.A. LATEST EDITION) ARE A PART OF THESE CONTRACT DOCUMENTS. A COPY IS ON FILE AT THE ARCHITECT'S OFFICE.
- D. 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.
- E. ALL PROPOSED SUBSTITUTIONS SHALL BE APPROVED BY THE OWNER, IN WRITING, PRIOR TO INSTALLATION.
- F. G.C. IS RESPONSIBLE FOR SUBMITTAL, PAYING FEES AND OBTAINING 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. OWNER WILL PAY FOR 'CONNECTION FEES' ASSOCIATED WITH UTILITY PERMITS. G.C. REQUIRED TO PAY FOR TEMPORARY FACILITIES FEES AS REQUIRED TO COMPLETE THE WORK IN A TIMELY MANNER.
- G. G.C. SHALL PROVIDE EACH SUBCONTRACTOR WITH A COMPLETE AGENCY-PERMITTED DRAWING SET AT TIME OF CONSTRUCTION.
- H. IT IS THE G.C.'S RESPONSIBILITY TO CONFIRM THE AVAILABLE 'RESIDUAL' WATER PRESSURE, PRIOR TO THE START OF ANY WORK, AND NOTIFY THE OWNER IF THE AVAILABLE PRESSURE IS NOT ADEQUATE TO SERVICE THE ANSUL SYSTEM OR OTHER PRESSURE SENSITIVE EQUIPMENT.
- I. G.C. SHALL CONFIRM MINIMUM RESIDUAL PRESSURE AVAILABLE AT HOOD ANSUL SYSTEM IS 33 PSI.
- J. ALL ABBREVIATIONS INCLUDED FOLLOW INDUSTRY STANDARDS. CONTACT ARCHITECT IF ANY ABBREVIATIONS ARE NOT CLEAR.
- K. GRAPHIC AND WRITTEN INFORMATION ON DRAWINGS SHALL BE COORDINATED WITH ALL TRADES PRIOR TO INSTALLATION.
- L. ALL CONTRACTORS SHALL VISIT THE SITE TO BECOME FAMILIAR WITH CONDITIONS AFFECTING THE SCOPE OF WORK. NO CONTRACT ADJUSTMENTS WILL BE PERMITTED DUE TO THE LACK OF KNOWLEDGE OF SITE CONDITIONS.

PROJECT GENERAL NOTES

NAME

ROOM NAME

1

2

3

4

A#.#

A#.#

A#.#

A#.#

SHEET NUMBER

INTERIOR ELEVATIONS ELEVATION NUMBER

8'-6"

SECTION / DETAIL NUMBER

BLDG. SECTION SHEET

DETAIL NUMBER

DETAIL SHEET

BLDG. HEIGHT REFERENCE POINT

EXTERIOR ELEVATIONS

ELEV. LETTER

ELEV. SHEET

DOOR NUMBER

WINDOW LETTER / DECOR ITEM NUMBER

EXTERIOR WALL FINISH NUMBER

KEY NOTE

EQUIPMENT NUMBER

INTERIOR FINISH NUMBER

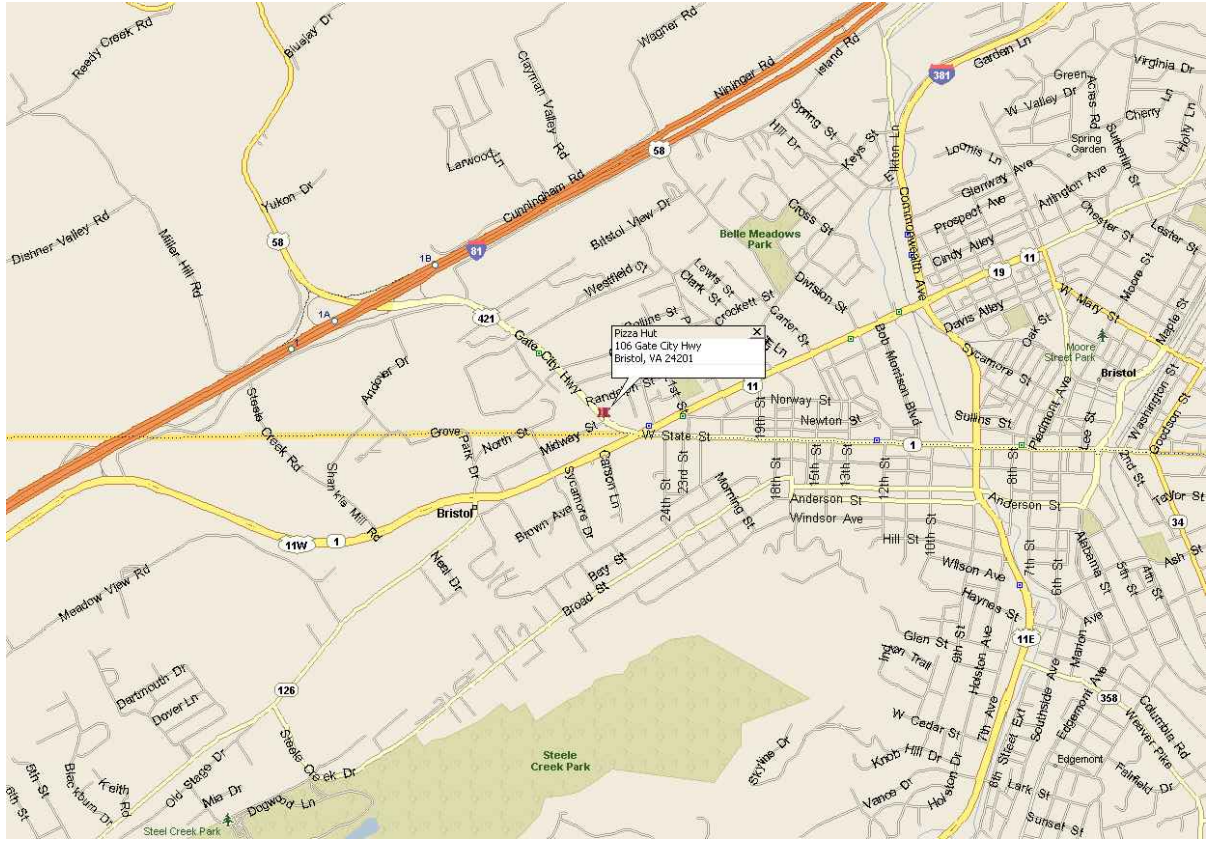
REVISION NUMBER

SHEAR WALL TYPE (STRUCTURAL)

EQUIPMENT / FIXTURE NUMBER (M.E.P.)

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

GENERAL DRAWING SYMBOLS



VICINITY MAP

LEGAL JURISDICTION:	CITY OF BRISTOL, VA		
ZONING CLASSIFICATION:	B3 (BRISTOL, VA)		
BUILDING CODES:	VCC - 2012 IBC, VCC - 2012 IMC, VCC - 2012 NPC, VCC - 2011 NEC, VCC - 2012 NFPZ 70, VCC - 2012 IECC, VCC - 2012 OFCC		
BUILDING AREA (SLAB):	2,925 S.F. (1,535 PIZZA HUT; 1,390 LEASEABLE TENANT SPACE)		
SEATING:	20		
OCCUPANCY TYPE:	A2		
OCCUPANCY CALCULATIONS:			
OCCUPANCY TYPE	AREA PER OCCUPANT	AREA PER OCCUPANCY	OCCUPANTS
ASSEMBLY (NON-FIXED)	15 SF	387 SF	26
ASSEMBLY (STANDING)	5 SF	19 SF	4
KITCHEN	200 SF	947 SF	5
TOTAL OCCUPANTS ALLOWED:			35
TOTAL OCCUPANTS PROPOSED:			28

TYPE CONSTRUCTION: VB

PHONE LINES: 25 PAIR CABLE IN 2" CONDUIT
ELECTRIC SERVICE: 400 AMPS / 3 PHASE / 120-208 VOLT
GAS: 1,329.9 MBH
WATER PRESSURE: 45 - 60 PSI @ BLDG. POINT OF ENTRY

PROJECT SUMMARY

WIND SPEED:	- REFER SHEET S1.0
EARTHQUAKE DESIGN CRITERIA:	- REFER SHEET S1.0
SITE CLASS:	- REFER SHEET S1.0
USE GROUP:	- REFER SHEET S1.0
DESIGN CATAGORY:	- REFER SHEET S1.0
RESPONSE MODIFICATION FACTOR (R):	- REFER SHEET S1.0
ROOF LIVE LOAD:	- REFER SHEET S1.0
ROOF DEAD LOAD:	- REFER SHEET S1.0

DESIGN CRITERIA

REFER TO CIVIL DRAWINGS.

LEGAL DESCRIPTION

OWNER GC PIZZA HUT 116 RADIO CIRCLE DRIVE, SUITE 305 MT. KISCO, NY 10549 Contact: SUZANNE IVEY Phone: 706-614-2172	CIVIL ENGINEER CATALYST DESIGN GROUP 5016 CENTENNIAL BLVD. SUITE 200 NASHVILLE, TN 37209 Contact: PHILLIP PIERCY Phone: 615-866-2410
CONSTRUCTION MANAGER GC PIZZA HUT 116 RADIO CIRCLE DRIVE, SUITE 305 MT. KISCO, NY 10549 Contact: SUZANNE IVEY Phone: 706-614-2172	STRUCTURAL ENGINEER 360 ENGINEERING GROUP, PLLC 1201 E. 3RD ST. TULSA, OK 74120 Contact: NOUR AL JARI Phone: 918-518-1124
ARCHITECT THE McINTOSH GROUP, LLC 1850 S. BOULDER AVE. TULSA, OK 74119 Contact: MARK LAMZIK Phone: 918-585-8555 x341	MECH. / ELEC. ENGINEER DIALECTIC, INC. 310 W. 20TH ST. SUITE 200 KANSAS CITY, MO 64108 Contact: ROBERT HUCKABAY Phone: 816-997-9580
GEOTECHNICAL ENGINEER GEOservices LLC 10368 WALLACE ALLET ST., STE. 5 KINGSPORT, TN 37663 Contact: ALEX J. MERRITT Phone: 423-212-2163	LANDSCAPE ARCHITECT CATALYST DESIGN GROUP 5016 CENTENNIAL BLVD. SUITE 200 NASHVILLE, TN 37209 Contact: PHILLIP PIERCY Phone: 615-866-2410

PROJECT DIRECTORY

SEWER BVU 15022 LEE HIGHWAY BRISTOL, VA 24202 Contact: PHILLIP KING Phone: 276-698-9761	TELEPHONE BVU 15022 LEE HIGHWAY BRISTOL, VA 24202 Contact: RICHARD ADKINS Phone: 276-645-8730
WATER BVU 15022 LEE HIGHWAY BRISTOL, VA 24202 Contact: PHILLIP KING Phone: 276-698-9761	ROADS (Company) (Address) (City, State, Zip) Contact: Phone:
GAS ATMOS ENERGY (Address) (City, State, Zip) Contact: MIKE DUCKETT Phone: 723-612-3165	OTHER (Company) (Address) (City, State, Zip) Contact: Phone:
ELECTRIC BVU 15022 LEE HIGHWAY BRISTOL, VA 24202 Contact: RICHARD ADKINS Phone: 276-645-8730	OTHER (Company) (Address) (City, State, Zip) Contact: Phone:

UTILITY CONTACTS

REVISION/DATE	1	2	3	4	5	6	7	8
TITLE/SITE T1.0 TITLE SHEET	x							
CIVIL & LANDSCAPE C0.0 COVER SHEET C1.0 EXISTING CONDITIONS C2.0 GENERAL NOTES C3.0 INITIAL EROSION CONTROL PLAN C3.1 FINAL EROSION CONTROL PLAN C3.2 SEDIMENT AND EROSION CONTROL DETAILS C4.0 DEMOLITION PLAN C5.0 LAYOUT PLAN C6.0 GRADING & DRAINAGE PLAN C7.0 UTILITY PLAN C8.0 SITE DETAILS C8.1 SITE DETAILS C8.2 SITE DETAILS L1.0 LANDSCAPE PLAN L2.0 LANDSCAPE DETAILS	x							
STRUCTURAL S1.0 FOUNDATION PLAN S2.0 WALL FRAMING PLAN S3.0 ROOF FRAMING PLAN S4.0A STRUCTURAL DETAILS (FOUNDATION) S4.0 STRUCTURAL DETAILS (FOUNDATION) S4.1 STRUCTURAL DETAILS (FRAMING) S4.2 STRUCTURAL DETAILS (ROOF)								
ARCHITECTURAL A0.0 ARCHITECTURAL SITE PLAN & DETAILS A1.0 FLOOR PLAN A1.1 DOOR & WDW ELEVATIONS/SCHEDULE A2.0 EQUIPMENT PLAN A2.1 EQUIPMENT SCHEDULE A3.0 ROOF PLAN A4.0 EXTERIOR ELEVATIONS A4.1 EXTERIOR ELEVATIONS A5.1 WALL SECTIONS A5.2 WALL SECTIONS A7.0 EXTERIOR CONSTRUCTION DETAILS A7.1 EXTERIOR CONSTRUCTION DETAILS A7.2 EXTERIOR CONSTRUCTION DETAILS A8.0 FLOOR FINISH PLAN A8.1 INTERIOR FINISH SCHEDULE A9.0 REFLECTED CEILING PLAN A10.0 INTERIOR ELEVATIONS - DINING A10.1 INTERIOR ELEVATIONS - SERVICE A10.2 INTERIOR ELEVATIONS - RESTROOMS A11.0 INTERIOR CONSTRUCTION DETAILS A12.0 SHELVING DETAILS ADA1.0 ACCESSIBILITY REQUIREMENTS ADA1.1 ACCESSIBILITY REQUIREMENTS	x	x	x	x	x	x		
MECHANICAL M1.0 MECHANICAL PLAN & SCHEDULE M2.0 HOOD DETAILS M2.1 PIZZA HOOD AND EXHAUST FAN DETAILS M2.2 WIRING SCHEMATICS M2.3 PIZZA HOOD AND FRYER HOOD ANSUL DETAILS M2.4 GREASE DUCT DETAILS M2.5 GREASE DUCT DETAILS M5.0 HVAC SPECIFICATIONS M5.1 HVAC SPECIFICATIONS								
PLUMBING P1.0 PLUMBING SCHEDULE AND NOTES P2.0 PLUMBING PLANS P3.0 PLUMBING DETAILS AND RISER DIAGRAMS P4.0 PLUMBING ROUGH-IN PLAN								
ELECTRICAL E1.0 ELECTRICAL SCHED., NOTES AND RISER DIAGRAM E2.0 ELECTRICAL POWER PLAN ES1.0 ELECTRICAL SITE PLAN ES1.1 ELECTRICAL PHOTOMETRIC								
SHEET INDEX								

McIntosh

Ellis L. McIntosh Jr., AIA
1850 South Boulder, Suite 300
Tulsa, Oklahoma 74119
Telephone 918.585.8555
Telefax 918.583.7282

COMMONWEALTH OF VIRGINIA

ELLIS L. MCINTOSH JR.
Lic. No. 0401009230

ARCHITECT

07/31/2019

LICENSE NUMBER: 0401009230
EXPIRATION: 07/31/2019 (ELM)

6/3/19	DESIGN COMMENTS

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

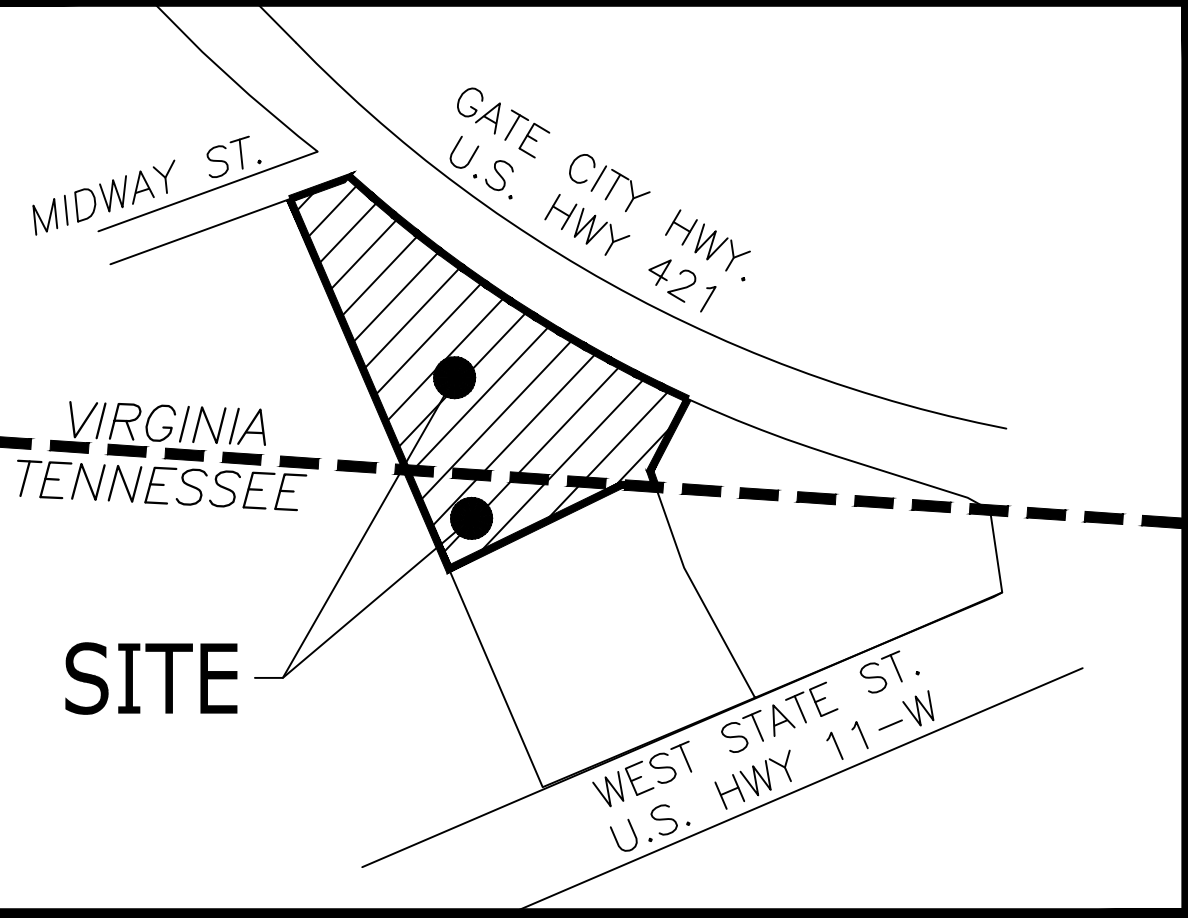
DELCO LITE
001.03.00

TITLE SHEET

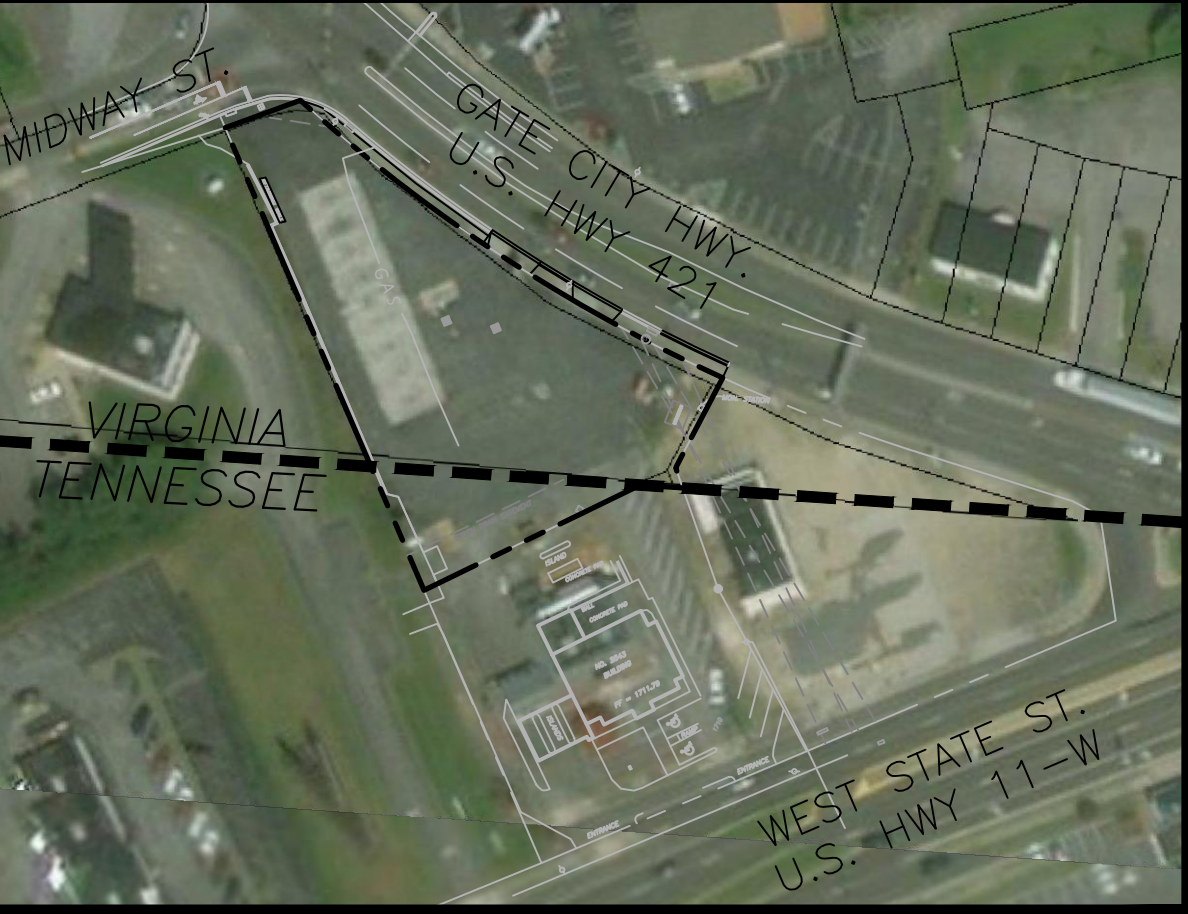
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PLOT DATE: 05.09.19

VICINITY MAP:



AERIAL OVERLAY:



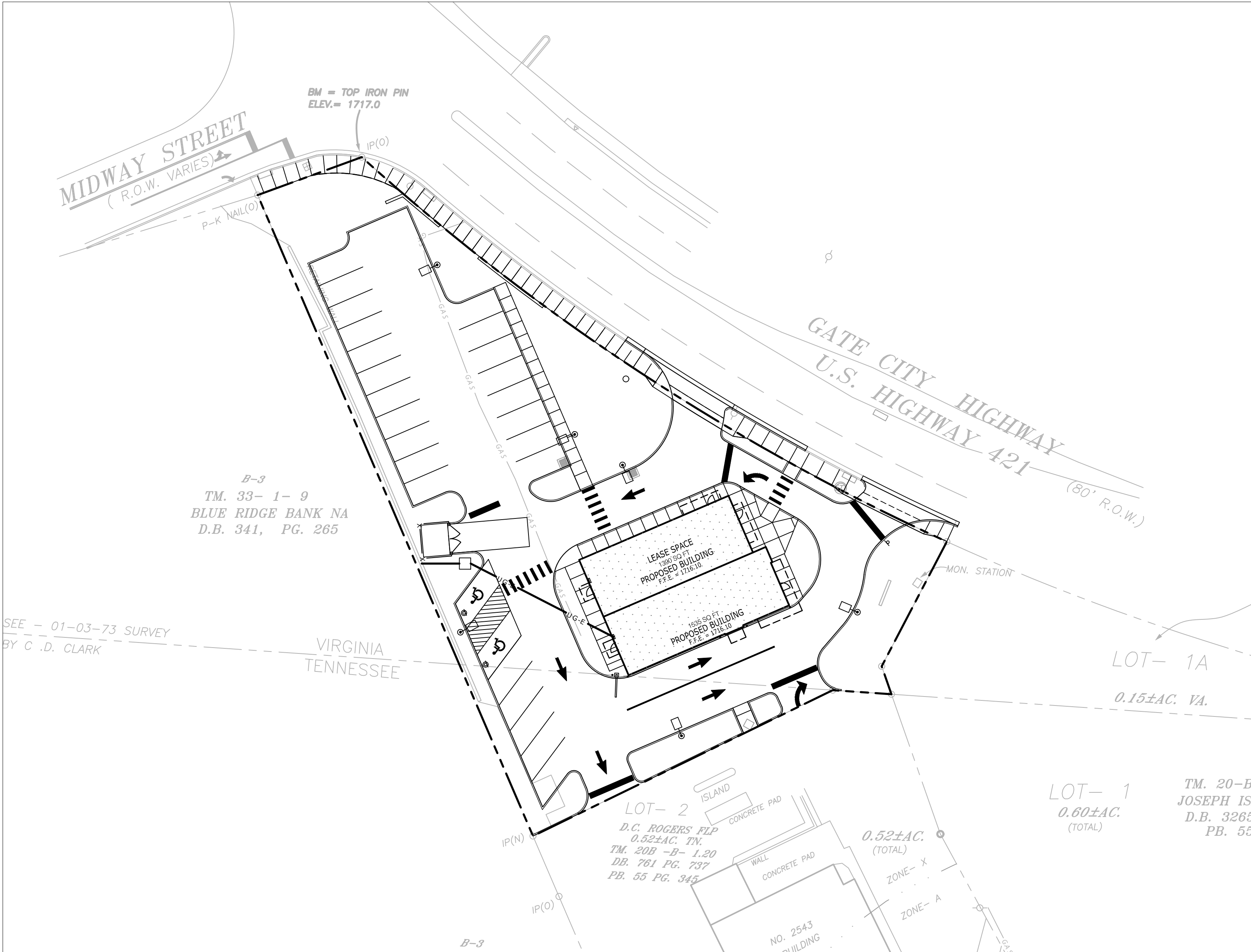
LIST OF LOCAL CONTACTS:

BRISTOL, VA - ENGINEERING
Mr. Wallace McCulloch P.E. / 276-642-2316 / wallace.mcculloch@bristolva.org
BRISTOL, VA - PLANNING & ZONING
Ms. Sally Morgan / 276-645-7470 / sally.morgan@bristolva.org
BRISTOL, VA - BUILDING OFFICIAL
Mr. Scott Bowen / 276-645-7293 / sbowen@bristolva.org
BRISTOL, VA - FIRE MARSHAL
Mr. Eric Blevins / 276-645-3742 / firemarshal@bristolva.org
BRISTOL VIRGINIA UTILITIES: WATER / SEWER
Mr. Phillip King / 276-698-9761 / pking@bvua.com
BRISTOL VIRGINIA UTILITIES: ELECTRIC
Mr. Richard Adkins / 276-645-8730 / radkins@bvua.com
ATMOS ENERGY
Mr. Mike Duckett / 723-612-3165 / mike.duckett@atmosenergy.com

PIZZA HUT BRISTOL

BRISTOL, VIRGINIA

CATALYST PROJECT NO. 20180038
APRIL 29, 2019



SITE DATA

SITE AREA:	0.68 ACRES
DISTURBED AREA:	0.68 ACRES
TAX MAP/PARCEL:	33-8-3
ZONING:	B-3, Intermediate Business District
PROPOSED USE:	Restaurant / Retail
PROPERTY DIMENSIONS & AREA	Area-0.68 AC (29,470 SF)
BUILDING SETBACK REQUIREMENTS:	REQUIRED PROVIDED
FRONT (NORTH)	10' 22'
REAR (WEST)	20' 57'
SIDE (EAST)	0' 41'
REAR (SOUTH)	0' 35'
RETAIL:	1,390 SF
RESTAURANT:	1,535 SF
TOTAL BUILDING AREA:	2,925 SF
BUILDING HEIGHT:	1- Story
PARKING:	REQUIRED PROVIDED
STANDARD	12 24
ACCESSIBLE	1 2
TOTAL	13 26
PARKING CALCULATION:	1 SPACE EACH PER 4 SEATS = 23 SEATS / 4 SEATS = 6 SPACES 1 SPACE PER 200 SF = 1390 SF / 200 SF = 7 SPACES 13 SPACES TOTAL
SIGNS:	NONE PROPOSED AT THIS TIME
DRAINAGE:	Pre/Post Storm Water Management Required
BENCHMARK:	TOP IRON PIN NORTH CORNER OF THE PROPERTY AT CORNER OF MIDWAY ST AND GATE CITY HWY ELEV.= 1717.0
FLOOD ZONE DESIGNATION:	A portion of Lot-2 is Located within on area having Zone Designation "A" on the Tennessee side only. Flood Insurance Rate Map No. 47163C0102D, dated 08-29-2006, part of the Steel Creek Tributary.

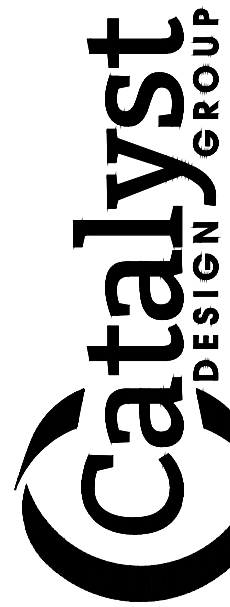
AREA SUMMARY

Project:	Sq. Ft.	Acres
Total Property Area (Plat)	29,470	0.68
Property / Project Area		
Total On-Site Disturbed	29,470	0.68
Total Off-Site Disturbed	1,966	0.04
Total Disturbed Area	31,436	0.72
Impervious Surface Area		
Building	2,926	0.07
Paved / Curb & Gutter	15,440	0.35
Sidewalk / Patio / Pads	2,305	0.05
Other		
Total Impervious Surface Area	20,671	0.47
Total Open Space (Pervious Surface Area)	8,799	0.20
Total Undeveloped Area Remaining	1,013	0.02

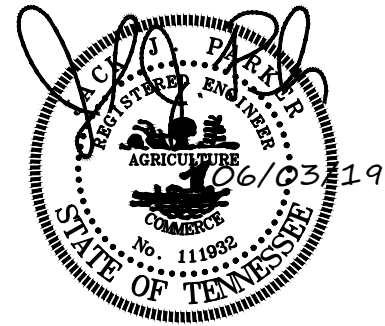
Total Disturbed Area = Total Impervious Surface Area + Total Open Space (Pervious Surface Area)
Total Undeveloped Area Remaining = Total Property Area (Plat) - Total On-Site Disturbed

SHEET INDEX

C0.0	COVER SHEET
C1.0	EXISTING CONDITIONS
C2.0	GENERAL NOTES
C3.0	INITIAL EROSION CONTROL PLAN
C3.1	FINAL EROSION CONTROL PLAN
C3.2	SEDIMENT AND EROSION CONTROL DETAILS
C4.0	DEMOLITION PLAN
C5.0	LAYOUT PLAN
C6.0	GRADING & DRAINAGE PLAN
C7.0	UTILITY PLAN
C8.0	SITE DETAILS
C8.1	SITE DETAILS
C8.2	SITE DETAILS
L1.0	LANDSCAPE PLAN
L2.0	LANDSCAPE DETAILS



5016 CENTENNIAL BLVD., SUITE 200, NASHVILLE, TN 37209
(615) 866-2410 | WWW.CATALYST-UG.COM



DATE	DESCRIPTION

CONTRACT DATE: 03/21/18
BUILDING TYPE: FCD 24
PLAN VERSION: 015.00.01
SITE NUMBER: 313144
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



FCD 24
015.00.01

COVER SHEET

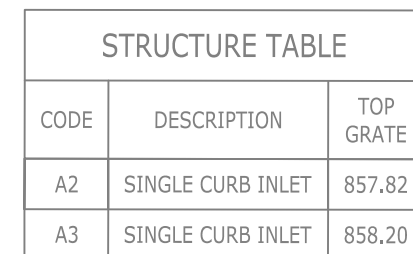
C0.0

PLOT DATE: 5.07.2019

ELECTRIC:
BRISTOL TENNESSEE ESSENTIAL SERVICES
2470 VOLUNTEER PARKWAY
BRISTOL, TENNESSEE 37620
PHONE: (423) 968-1526
CONTACT: GUY HARDIN

GAS:
ATMOS
15440 LEE HIGHWAY
BRISTOL, VIRGINIA 24202
PHONE: (276) 466-0740
CONTACT: JUNIOR SPROYLES
WATER & SEWER:
CITY OF BRISTOL TN
PO BOX 1189
BRISTOL, TENNESSEE 37620
PHONE: (423) 989-5649
CONTACT: FRANK NEAL
E-MAIL FNEAL@BRISTOLTN.ORG

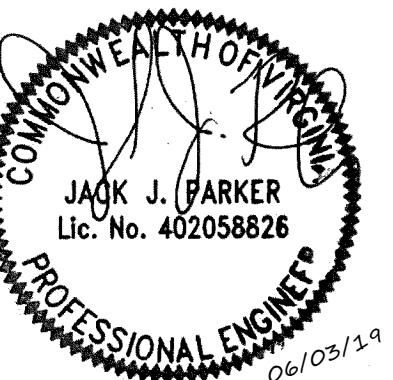
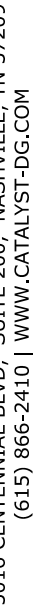
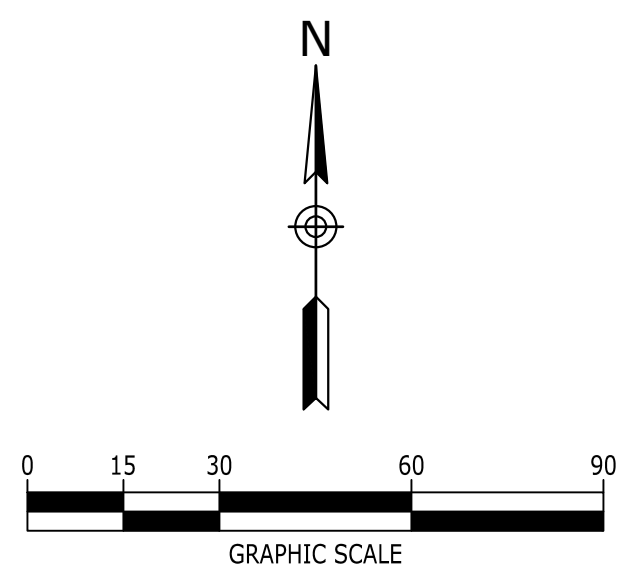
1. THIS SURVEY IS BASED UPON EXISTING MONUMENTS AND EVIDENCE WHICH WERE FOUND IN THE FIELD AS OF THIS DATE.
2. TITLE INFORMATION WAS FURNISHED TO THIS SURVEYOR.
3. THIS SURVEY IS SUBJECT TO ANY EASEMENTS THAT MAY AFFECT SUBJECT PROPERTY, WHETHER OF RECORD OR IMPLIED.
4. LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES SHOWN ARE APPROXIMATE AND THOSE SHOWN ARE NOT NECESSARILY ALL OF THE EXISTING UTILITIES AND UNDERGROUND STRUCTURES. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXISTENCE AND EXACT LOCATION OF ALL UTILITIES AND UNDERGROUND STRUCTURES.
5. NORTH IS BASED ON DB. 399 PG. 153
6. THE AVAILABILITY OF ELECTRIC POWER IS SUBJECT TO ALL RULES AND REGULATIONS OF THE BRISTOL TENNESSEE ESSENTIAL SERVICES IN EFFECT AT THE TIME OF SERVICE APPLICATION.
7. ALL FUTURE CONSTRUCTION MUST CONFORM TO THE REQUIREMENTS OF THE BRISTOL, TN PLANNING AND ZONING ORDINANCE IN EFFECT AT THE TIME OF CONSTRUCTION.
8. PROPER EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED AND MAINTAINED DURING CONSTRUCTION. EROSION AND SEDIMENT CONTROL DEVICES SHALL MEET THE REQUIREMENTS OF THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK.
9. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR MUST NOTIFY TENNESSEE ONE CALL (1-800-351-1111).
10. CROSS ACCESS EASEMENT CREATED BY PB.55 - PG.345 OVER ALL LOTS.
11. 15' ELECTRIC UTILITY EASEMENT OVER EXISTING B.T.E.S. UTILITY SERVICE LINES THAT WERE IN PLACE AT THE TIME WAS GRANTED BY PB. 55 - PG. 345.
12. SANITARY SEWER EASEMENT FOUND IN D.B. 94 - PG. 40 AND SHOWN ON PB. 55 - PG. 345.
13. 60" STORM DRAIN APPROXIMATE LOCATION. SAID PIPE IS CENTERED WITHIN A 15' WIDE EASEMENT. SEE DB. 154 - PG. 481- CITY OF BRISTOL, VIRGINIA AND SHOWN ON PB. 55 - PG. 345.
14. A PORTION OF LOT 2- IS IN A FLOODED ZONE- A ON THE TENNESSEE SIDE ONLY. MAP NO. 47163CO102D- DATED 9-29-2006, PART OF STEEL CREEK TRIBUTARY.



PIPE TABLE							
FROM CODE	FROM INV	TO CODE	TO INV.	GRADE (%)	SIZE (INCHES)	LENGTH (L.F.)	TYPE
A3	856.09	A2	855.93	1.27%	15"	13	RCP

○	IP(N) - 1/2 IRON PIN SET
●	IP(0) - IRON PIN FOUND
•	POINT
⊖	UTILITY POLE
⊗	LIGHT POLE
⊗	CLEANOUT
◻	CATCH BASIN
○	SEWER MANHOLE
⊗	WATER VALVE
⊗	WATER METER
⊗	FIRE HYDRANT

BASE INFORMATION WAS TAKEN FROM A SURVEY PREPARED BY
CROSS LAND SURVEYING & PLANNING, DATED 03/15/2018,
REVISED 5/21/2019. CATALYST DESIGN GROUP AND ANY OF
THEIR CONSULTANTS SHALL NOT BE HELD RESPONSIBLE FOR THE
ACCURACY AND/OR COMPLETENESS OF THAT INFORMATION
SHOWN HEREON OR ANY ERRORS OR OMISSIONS RESULTING
FROM SUCH.



△	DATE	DESCRIPTION
△		
△	06/03/2019	GENERAL_REVISIONS
△		
△		
△		
△		
△		

CONTRACT DATE:	03/21/18
BUILDING TYPE:	FCD 24
PLAN VERSION:	015.00.01
SITE NUMBER:	313144
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



FCD 24
015.00.01

EXISTING CONDITIONS

C1.0

PLOT DATE: 5.07.2019

EROSION CONTROL NOTES

1. EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES SHALL BE INSTALLED PER LOCAL AND STATE REQUIREMENTS PRIOR TO ANY EARTH MOVING ACTIVITIES.
2. PROVIDE CONSTRUCTION ENTRANCE/EXIT AS DETAILED ON THE PLANS AND PER LOCAL REQUIREMENTS. MAINTAIN ENTRANCE/EXIT THROUGHOUT CONSTRUCTION AND MAINTAIN THE PUBLIC ROADWAY FREE OF TRACKED MUD AND DIRT.
3. EPSC MEASURES SHALL BE INSTALLED AND INSPECTED BY LOCAL OFFICIALS (IF REQUIRED) PRIOR TO BEGINNING EARTH MOVING OPERATIONS. EPSC MEASURES SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROCESS.
4. THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO THE REQUIREMENT OUTLINED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DEVELOPED FOR THE SITE, AS WELL AS LOCAL AND STATE REQUIREMENTS. THE CONTRACTOR SHALL ALSO PROVIDE THE CERTIFIED EROSION CONTROL INSPECTOR AND CONTINUAL MAINTENANCE OF THE EPSC MEASURES.
5. AS THE WORK PROGRESSES THE LOCATION AND TYPE OF MEASURES MAY REQUIRE ADJUSTMENTS. TEMPORARY MEASURES MAY BE REQUIRED IN CERTAIN AREAS THAT CAN BE REMOVED DURING THE WORK DAY AND RE-ESTABLISHED WHEN WORK CEASES FOR THE DAY OR PRIOR TO A DAYTIME RAIN EVENT.
6. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL MEASURES WHEN THE DESIGN CAPACITIES HAVE BEEN REDUCED BY 50% OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCY. PROPERLY DISPOSE OF ACCUMULATED SEDIMENT.
7. THE CONTRACTOR SHALL PROVIDE A RAIN GAUGE AT THE SITE AND DOCUMENT RAINFALL EVENTS DURING THE CONSTRUCTION PERIOD.
8. THE CONTRACTOR SHALL MAINTAIN THE FOLLOWING RECORDS AT THE SITE: DATE WHEN MAJOR GRADING ACTIVITIES OCCUR, THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON PORTIONS OF THE SITE, THE DATES WHEN STABILIZATION MEASURES ARE INITIATED, INSPECTION RECORDS AND RAINFALL EVENTS.
9. EXISTING SITE VEGETATION SHALL REMAIN IN PLACE AS LONG AS POSSIBLE AND SHALL NOT BE REMOVED MORE THAN 10 DAYS PRIOR TO EARTHMOVING OPERATIONS ARE TO BEGIN UNLESS TEMPORARY COVER IS INSTALLED. DO NOT REMOVE VEGETATION OR TREES UNLESS NECESSARY FOR GRADING OR OTHER PROJECT PURPOSES.
10. THE CONSTRUCTION SHALL BE SEQUENCED TO MINIMIZE THE LENGTH OF TIME THE SITE SOILS ARE EXPOSED TO EROSION. PROVIDE TEMPORARY COVER AS NECESSARY.
11. EPSC MEASURES SHALL BE REMOVED ONCE PERMANENT VEGETATION IS ESTABLISHED AND WHEN DEEMED NO LONGER NEEDED BY THE OWNER'S REPRESENTATIVE OR GOVERNING AGENCY.

DEMOLITION NOTES

1. THE CONTRACTOR SHALL REQUEST UTILITY RELOCATION (811) AND VERIFY LOCATION OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
2. THE CONTRACTOR SHALL PROTECT PROPERTY BOUNDARY PINS AND SURVEY CONTROL POINTS FROM DAMAGE.
3. THE CONTRACTOR SHALL COMPLY WITH EROSION CONTROL REQUIREMENTS AND INSTALL NECESSARY EPSC MEASURES AND CONSTRUCTION ENTRANCE/ EXIT PRIOR TO DISTURBING EXISTING VEGETATION. THE CONTRACTOR SHALL ALSO USE WATER SPRINKLING OR OTHER MEASURES TO CONTROL DUST AND OTHER AIRBORNE DEBRIS RESULTING FROM DEMOLITION.
4. TREE PROTECTION MEASURES SPECIFIED IN THESE PLANS SHALL BE INSTALLED PRIOR TO BEGINNING DEMOLITION OPERATIONS.
5. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEMOLITION AND TREE REMOVAL.
6. THE CONTRACTOR MAY BE REQUIRED TO PHASE THE DEMOLITION TO MAINTAIN EXISTING UTILITY SERVICES, PROPER DRAINAGE OR ACCESS TO THE SITE OR ADJOINING SITES. THE CONTRACTOR SHALL MINIMIZE THE DISRUPTION OF EXISTING ACTIVE UTILITIES AND TRAFFIC PATTERNS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE AND PROVIDE A DEMOLITION PHASING SCHEDULE WHERE REQUESTED.
7. UTILITY AND STORM SEWER LINES SHOULD NOT BE DEMOLISHED UNTIL NEW OR RELOCATED LINES HAVE BEEN INSTALLED AND OPERATIONAL.
8. THE CONTRACTOR SHALL INCLUDE IN HIS COST ANY ISOLATION VALVES OR TEMPORARY MEASURES REQUIRED TO ACCOMPLISH RELOCATIONS AND DEMOLITION OF UTILITIES.
9. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO ACCOMPLISH THE PROPOSED WORK.
10. PAVEMENTS, SIDEWALKS, CURBS AND OTHER HARD SURFACES SHALL BE EVENLY SAW CUT AT THE LIMITS OF REMOVAL TO PROVIDE A CLEAN EDGE. COORDINATE LIMITS OF REMOVAL WITH PROPOSED CONSTRUCTION INCLUDING GRADING, UTILITY INSTALLATION, PROPOSED LAYOUT, ETC.
11. EXISTING SITE FEATURES NOTED AS BEING ABANDONED, MAY BE ABANDONED IF THE ITEMS ARE LOCATED MORE THAN 24" BELOW FINAL SUBGRADES (TO TOP OF PIPE OR OTHER FEATURE) AND NOT LOCATED WITHIN THE PROPOSED OR PLANNED FUTURE BUILDING FOOTPRINTS. ENDS OF PIPES SHALL BE SEALED WITH CONCRETE.
12. ALL DEMOLISHED MATERIALS SHALL BE REMOVED FROM THE SITE AT THE CONTRACTORS COST UNLESS NOTED TO BE PROVIDED TO THE OWNER.
13. CAVITIES LEFT BY DEMOLITION SHALL BE PROPERLY BACKFILLED AND COMPACTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATION.
14. WHERE EXISTING IRRIGATION LINES ARE LOCATED WITHIN THE AREA OF CONSTRUCTION, THEY SHALL BE PROTECTED OR RE-ROUTED AND CONNECTED TO MAINTAIN OPERATION OF LANDSCAPE AREAS WHICH REMAIN DURING CONSTRUCTION. COORDINATE TEMPORARY MEASURES WITH DESIGN OF NEW SYSTEM AND REMOVE TEMPORARY MEASURES WHEN NO LONGER NEEDED.

GENERAL NOTES

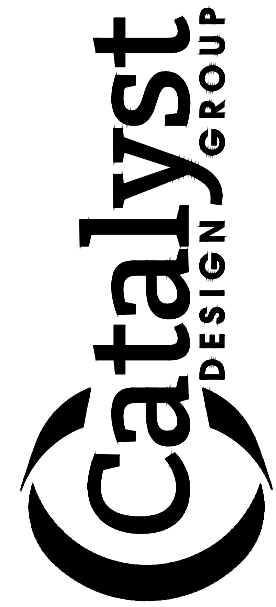
1. SUBJECT PROPERTY SHOWN AS LOT 2 AND 3 OF THE D.C. ROGERS FLP SUBDIVISION AND RECORDED IN PLAT BOOK 4, PAGE 541 IN BRISTOL, VA AND PLAT BOOK 55, PAGE 345 IN BRISTOL, TN.
2. SITE EXISTING CONDITIONS TAKEN FROM SURVEY BY CROSS LAND SURVEYING & PLANNING DATED 03/15/2018, REVISED 5/21/2019. CATALYST DESIGN GROUP SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR OMISSIONS OF THE EXISTING CONDITIONS OR ERRORS RESULTING FROM THESE ITEMS.
3. THE CONTRACTOR SHALL REVIEW THE SITE CONDITIONS PRIOR TO CONSTRUCTION AND MAKE THE ENGINEER AWARE OF ANY INCONSISTENCIES BETWEEN THE SITE CONDITIONS AND EXISTING CONDITION PLAN.
4. DIMENSIONS PROVIDED ON THE PLAN ARE TAKEN TO THE FACE OF CURBS, EDGE OF CONCRETE OR EDGE OF BUILDING.
5. SITE CONTROL SHALL BE BASED OFF THE REFERENCE POINTS PROVIDED. SEE THE ARCHITECTURAL PLANS FOR LAYOUT CONTROL OF BUILDING ADDITIONS.
6. CATALYST DESIGN GROUP RECOMMENDS THAT CONSTRUCTION STAKING BE PROVIDED BY A SURVEYOR LICENSED IN THE STATE OF THE PROJECT.
7. THE CONTRACTOR SHALL SUBMIT A REQUEST FOR UTILITIES LOCATIONS (CALL 811) AND HAVE THE UTILITIES MARKED BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL BE FAMILIAR WITH THE UTILITY LOCATIONS, PROTECT UTILITIES WHICH REMAIN IN SERVICE AND REPAIR ANY DAMAGE TO UTILITY SYSTEMS PER THE UTILITY PROVIDER REQUIREMENTS.
8. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS AND PERMITS PRIOR TO INITIATING CONSTRUCTION. THE CONTRACTOR SHALL ADHERE TO PERMIT REQUIREMENTS AS WORK PROCEEDS.
9. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO PUBLIC ROADWAYS, CURBS AND SIDEWALKS IN ACCORDANCE WITH THE LOCAL REQUIREMENTS AT CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY WORK UNACCEPTABLE TO THE OWNER REPRESENTATIVE OR GOVERNING AGENCIES AT CONTRACTOR'S EXPENSE.
11. ACCESSIBLE PATHS SHALL HAVE A MAXIMUM RUNNING SLOPE OF 5%, CROSS SLOPE OF 2% AND MAXIMUM 2% SLOPE IN ANY DIRECTION WITHIN TURNING MOVEMENTS AND THE ACCESSIBLE PARKING SPACES / ACCESS AISLES. RAMPS SHALL HAVE A MAXIMUM SLOPE OF 1:12 AND CROSS SLOPES AT 2% MAXIMUM. CURB RAMPS SHALL HAVE A LANDING AT THE TOP MATCHING THE WIDTH OF THE RAMP AND A DEPTH OF 36". RAMPS SHALL HAVE A 5' X 5' LANDING AT THE TOP AND BOTTOM OF THE RAMP.
12. WORK WITHIN THE PUBLIC RIGHT OF WAY SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE LOCAL AND STATE REQUIREMENTS.
13. ON SITE ASPHALT PAVEMENT MATERIALS SHALL BE PER LOCAL AND STATE SPECIFICATIONS.
14. THE CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE AND FEDERAL SAFETY REGULATIONS AND PRECAUTIONS.

SITE GRADING & EROSION CONTROL NOTES

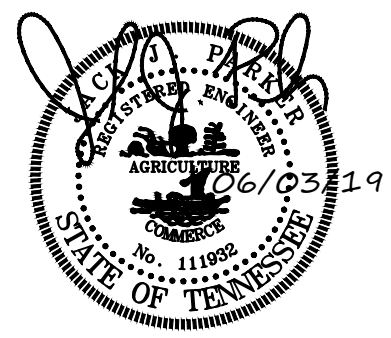
1. THE DISTURBED AREA FOR THIS PROJECT IS ESTIMATED TO BE ±0.72 ACRES.
2. THE SITE DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO COMMUNITY PANEL NO. 47163C0102D OF THE FEMA FLOOD INSURANCE MAPS FOR BRISTOL, VIRGINIA DATED 09/29/2006.
3. FOLLOW THE DIRECTIVES OF THE EROSION CONTROL AND TREE PROTECTION NOTES INCLUDED ELSEWHERE IN THESE DOCUMENTS.
4. THE CONTRACTOR SHALL REQUEST UTILITY RELOCATION (811) AND VERIFY LOCATION OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
5. THE CONTRACTOR SHALL CHECK EXISTING GRADES AND DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION AND CONTACT THE ENGINEER WITH ANY DISCREPANCIES.
6. THE CONTRACTOR SHALL OBTAIN ALL APPROVALS AND PERMITS PRIOR TO INITIATING GRADING OPERATIONS.
7. POSITIVE DRAINAGE SHALL BE ESTABLISHED INITIALLY AND MAINTAINED THROUGHOUT CONSTRUCTION.
8. LOCATION OF DIVERSION DITCHES SHALL BE ADJUSTED IN THE FIELD TO AVOID TREES AND OTHER EXISTING FEATURES.
9. STRIP TOPSOIL FROM PROPOSED GRADING AREAS AND STOCKPILE FOR REUSE. PROVIDE TEMPORARY SEEDING FOR STOCKPILE AREAS DURING CONSTRUCTION. REDISTRIBUTE TOPSOIL AT A MINIMUM DEPTH OF 6" IN LAWN AREAS AND 18" IN LANDSCAPE BEDS. PROVIDE ADDITIONAL TOPSOIL WHEN ONSITE QUANTITIES ARE INSUFFICIENT.
10. ALL FILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL REPRESENTATIVE PRIOR TO BEING HAULED TO THE SITE. MATERIAL SHALL BE PLACED AND COMPACTED IN LIFT DEPTHS AS NOTED IN THE SPECIFICATIONS AND INSPECTED BY THE GEOTECHNICAL REPRESENTATIVE. SUBGRADES SHALL BE PROOF ROLLED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND GEOTECHNICAL REPRESENTATIVES DIRECTIONS. SOFT AREAS SHALL BE REMOVED AND RECOMPACTED AS DIRECTED.
11. THE CONTRACTOR SHALL AT HIS COST, PROVIDE OFFSITE MATERIAL MEETING THE GEOTECHNICAL REQUIREMENTS WHERE ONSITE SOIL QUANTITIES ARE NOT SUFFICIENT, AND REMOVE ONSITE MATERIALS WHEN EXCESSIVE QUANTITIES EXISTS. SITES USED TO OBTAIN OR WASTE THIS MATERIAL SHALL BE PROPERLY PERMITTED AS REQUIRED BY THE GOVERNING AUTHORITY.
12. REINFORCED CONCRETE PIPE (RCP) SHALL BE CLASS III WALL B. HDPE PIPE SHALL BE TYPE N-12, SMOOTH INTERIOR, CORRUGATED EXTERIOR. ALL PIPES SHALL BE PROVIDED WITH SOIL TIGHT JOINTS.
13. PIPES UNDER EXISTING PAVEMENT AREAS SHALL BE COMPLETELY BACKFILLED WITH CRUSHED STONE.
14. TOP OF GRATE ELEVATIONS AND COORDINATE LOCATIONS FOR DRAINAGE STRUCTURES SHALL BE PROVIDED PER THE DETAILS AND DRAINAGE TABLES.
15. COORDINATE THE LOCATION OF SITE DRAINAGE SYSTEMS WITH THE BUILDING ARCHITECTURE AND PLUMBING PLANS FOR COLLECTION OF ROOF DRAINS AND DOWNSPOUTS.
16. ADJUST THE CASTINGS OF ALL EXISTING AND NEW STRUCTURES TO MATCH PROPOSED FINISH GRADE.
17. THE CONTRACTOR SHALL REVIEW THE PROPOSED GRADING PLAN AND SPOT ELEVATIONS AND REQUEST INFORMATION FROM THE ENGINEER FOR SPOTS OR CONTOURS THAT DO NOT APPEAR TO CORRESPOND WITH OTHER SURROUNDING GRADING. PROPOSED GRADES REFLECT AN INTENT FOR THE SLOPES AND DIRECTION OF DRAINAGE. THE CONTRACTOR SHALL REQUEST DIRECTION FOR AREAS WHERE THE INTENT IS NOT CLEAR.
18. MAXIMUM CUT AND FILL SLOPES SHALL BE 3 HORIZONTAL TO 1 VERTICAL UNLESS DIRECTLY NOTED OTHERWISE ON THE PLAN. FILL SLOPES SHALL BE CONSTRUCTED BY FILLING BEYOND THE DESIRED GRADES TO OBTAIN COMPACTION AND THEN CUT BACK TO THE DESIRED GRADES.
19. MINIMUM GRADES ON PAVEMENT AREAS SHALL BE 1%, AND MINIMUM 2% IN LAWN AREAS UNLESS DIRECTLY SPECIFIED.
20. MAXIMUM GRADES WITHIN ACCESSIBLE PARKING AND ACCESS AISLES SHALL BE 2% IN ANY DIRECTION. WITHIN ACCESSIBLE PATHS MAXIMUM SLOPES FOR SIDEWALKS SHALL BE 5%, FOR RAMPS SHALL BE 1:12, AND CROSS SLOPES SHALL BE 2%. TURNING MOVEMENTS SHALL BE 5'X5' MAXIMUM 2% IN ANY DIRECTION.
21. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY COMPACT FILL WITHIN UTILITY TRENCHES AND AROUND OTHER PROJECT FEATURES TO AVOID SETTLEMENT. SETTLEMENT OCCURRING WITHIN 12 MONTHS OF COMPLETION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
22. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS AFTER FINAL GRADING IS ACHIEVED.

SITE UTILITY NOTES

1. ALL WATER AND SEWER MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE TO THE GOVERNING AUTHORITY'S REQUIREMENTS AND SPECIFICATIONS.
2. SANITARY SEWER LINES SHALL BE AS SPECIFIED ON THE PLANS. DUCTILE IRON PIPE (DIP) SHALL BE CLASS 52, POLYVINYLCHLORIDE PIPE (PVC) SHALL BE SDR 35.
3. THE CONTRACTOR SHALL REQUEST UTILITY LOCATION (811) AND VERIFY LOCATION OF ALL OTHER PRIVATE UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES FROM DAMAGE AND REPAIR IF DAMAGED PER PROVIDER REQUIREMENTS AT THE CONTRACTOR'S EXPENSE. COORDINATE ALL WORK AROUND EXISTING UTILITIES WITH CORRESPONDING PROVIDER.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNERS OF EACH UTILITY AND VERIFY THE SCOPE OF INSTALLATIONS OR RELOCATIONS THAT WILL BE REQUIRED AND IMPACT EACH COULD HAVE ON THE SCHEDULE OF THE PROJECT.
5. MAINTAIN 10' HORIZONTAL SEPARATION BETWEEN SANITARY SEWER LINES AND WATER LINES WHERE POSSIBLE. IN AREAS WHERE THESE CRITERIA CANNOT BE MET PROVIDE 18" OF VERTICAL SEPARATION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEQUENCING OF INSTALLATION OF THE UTILITIES TO AVOID CONFLICTING HORIZONTAL AND VERTICAL LOCATIONS.
7. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF THE PROPOSED SEWER CONNECTION POINT PRIOR TO INSTALLATION OF NEW LINES. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES.
8. CONNECTIONS TO EXISTING MANHOLES SHALL BE MADE UTILIZING THE CORING AND RESILIENT SEAL METHOD.
9. THE CONTRACTOR SHALL VERIFY ANY PIPE LENGTHS, MATERIALS AND SIZES PROVIDED ON THE PLANS WITH FIELD CONDITIONS.
10. MINIMUM SLOPE OF 6" SANITARY SEWER SERVICES SHALL BE 1%. INSTALL PER INVERTS PROVIDED ON THE PLAN AND WITH A MINIMUM 48" OF COVER WITHIN ROADWAYS AND 30" OF COVER WITHIN LANDSCAPE AREAS.
11. MARK THE LOCATION OF PVC LINES WITH A #8 WIRE.
12. TRENCHES WITHIN EXISTING PAVEMENTS SHALL BE EVENLY SAW CUT FOR REMOVAL AND COMPLETELY BACKFILLED WITH CRUSHED STONE. REPAIR ROADWAYS PER GOVERNING AGENCY STANDARDS.
13. PROVIDE A MINIMUM OF 36" OF COVER OVER ALL WATER AND FIRE LINES.
14. ALL FIRE LINES SHALL BE INSTALLED FROM THE POINT OF CONNECTION TO THE BUILDING BY A SPRINKLER CONTRACTOR LICENSED IN THE STATE OF THE PROJECT.
15. COORDINATE THE EXACT LOCATION OF THE BUILDING SERVICES WITH THE PLUMBING PLANS.
16. PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL BENDS AND BLOCKING/RODDING ON WATER/FIRE LINES, TO ACHIEVE THE PROPOSED ALIGNMENT SHOWN ON THE PLANS.
17. BEFORE CONNECTIONS ARE MADE TO EXISTING LINES, INSTALLED LINES SHALL BE FLUSHED, TESTED AND APPROVED BY THE GOVERNING AUTHORITY IN ACCORDANCE WITH THEIR REQUIREMENTS.
18. REPAIR DAMAGE TO EXISTING FEATURES TO PRE-CONSTRUCTION CONDITION IN ACCORDANCE WITH GOVERNING AUTHORITY REQUIREMENTS IN A TIMELY MANNER.
19. THE CONTRACTOR SHALL TAKE CARE TO PROPERLY COMPACT FILL WITHIN UTILITY TRENCHES AND AROUND OTHER PROJECT FEATURES TO AVOID SETTLEMENT. SETTLEMENT OCCURRING WITHIN 12 MONTHS OF COMPLETION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
20. EXISTING AND NEW CASTINGS SHALL BE ADJUSTED TO MATCH FINISH GRADE.
21. COORDINATE GAS SERVICE, ELECTRICAL SERVICE AND COMMUNICATION SERVICES WITH THE APPROPRIATE PROVIDER AND PAY NECESSARY FEES FOR INSTALLATION.



5016 CENTENNIAL BLVD., SUITE 200, NASHVILLE, TN 37209
(615) 866-2410 | WWW.CATALYST-DCG.COM



△	DATE	DESCRIPTION
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△	06/03/2019	GENERAL REVISIONS
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△		

CONTRACT DATE:	03/21/18
BUILDING TYPE:	FCD 24
PLAN VERSION:	015.00.01
SITE NUMBER:	313144
STORE NUMBER:	XXXXX

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



GENERAL NOTES

C2.0

PLLOT DATE: 5.07.2019



EROSION CONTROL KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
1	TEMPORARY CONSTRUCTION ENTRANCE	1 / C3.2
2	SILTATION EEL	2 / C3.2
3	INLET PROTECTION	3 / C3.2
10	CONCRETE WASH-OUT	4 / C3.2

SITE DESCRIPTION AND NOTES:

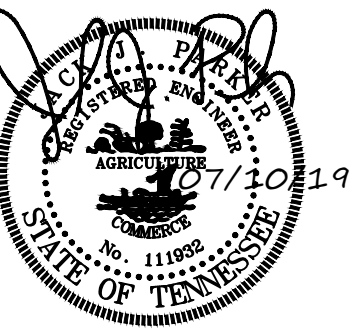
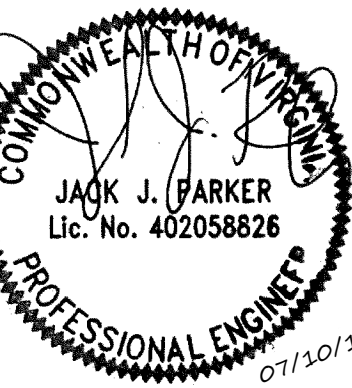
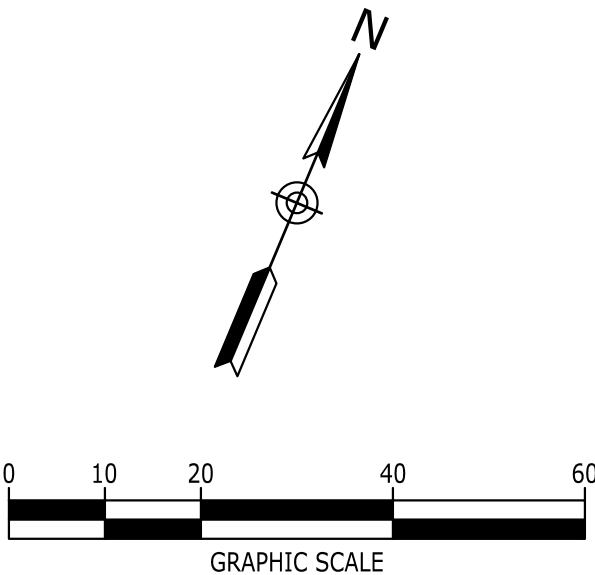
THE SITE IS LOCATED ON PARCEL 33-8-3 IN BRISTOL, VIRGINIA. CONSTRUCTION ACTIVITY ON THIS SITE WILL CONSIST OF DISTURBING APPROXIMATELY 0.72± ACRES TO CONSTRUCT A RESTAURANT, COMPLETE WITH PARKING.

- APPROXIMATE CONSTRUCTION TIME TABLE:
BEGIN CONSTRUCTION - [JUNE 2019]
COMPLETE CONSTRUCTION - [MARCH 2020]
- CONSTRUCTION SEQUENCE:
 - ATTEND WATER QUALITY DIVISION PRE-CONSTRUCTION MEETING.
 - INSTALL CONSTRUCTION ENTRANCE AND SILT FENCE
 - CONTACT WATER QUALITY DIVISION - EROSION CONTROL INSPECTOR FOR INSPECTION OF EROSION CONTROL DEVICES TO OBTAIN GRADING PERMIT.
 - CLEAR AND GRUB THE REMAINING SITE.
 - CONSTRUCT REMAINING SITE ACCORDING TO APPROVED PLANS, INCLUDING ALL ADDITIONAL EROSION CONTROL DEVICES.
 - UPON PERMANENT SITE STABILIZATION SEED AND STRAW.
 - REMOVE ALL OTHER EROSION TEMPORARY CONTROL DEVICES PRIOR TO AS-BUILT APPROVALS.
- TOTAL PROJECT AREA = 29,470 SF (0.68± AC.)
DISTURBED AREA = 31,436 S.F. (0.72± AC.)

EROSION CONTROL NOTES:

- EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATION BEGINS AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REPLACED AT THE END OF THE WORKDAY.
- THE FOLLOWING RECORDS SHALL BE MAINTAINED ON OR NEAR SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR; THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; THE DATES WHEN STABILIZATION MEASURES ARE INITIATED; INSPECTION RECORDS AND RAINFALL RECORDS.
- THE CONTRACTOR SHALL MAINTAIN A RAIN GAUGE AND DAILY RAINFALL RECORDS AT THE SITE OR USE A REFERENCE SITE FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION.
- PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
- CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
- SEDIMENT SHOULD BE REMOVED FROM SEDIMENT TRAPS, SILT FENCES, SEDIMENTATION PONDS AND OTHER SEDIMENT CONTROLS AS NECESSARY AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR AS DIRECTED BY OWNERS REPRESENTATIVE.
- THE CONTRACTOR SHALL REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
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LEGEND	
STORM PIPE & INLET	
SPOT ELEVATION	
SILTATION EEL	
INLET PROTECTION	



DATE	DESCRIPTION
07/10/2019	CITY COMMENTS

CONTRACT DATE: 03/21/18
BUILDING TYPE: FCD 24
PLAN VERSION: 015.00.01
SITE NUMBER: 313144
STORE NUMBER: XXXXX

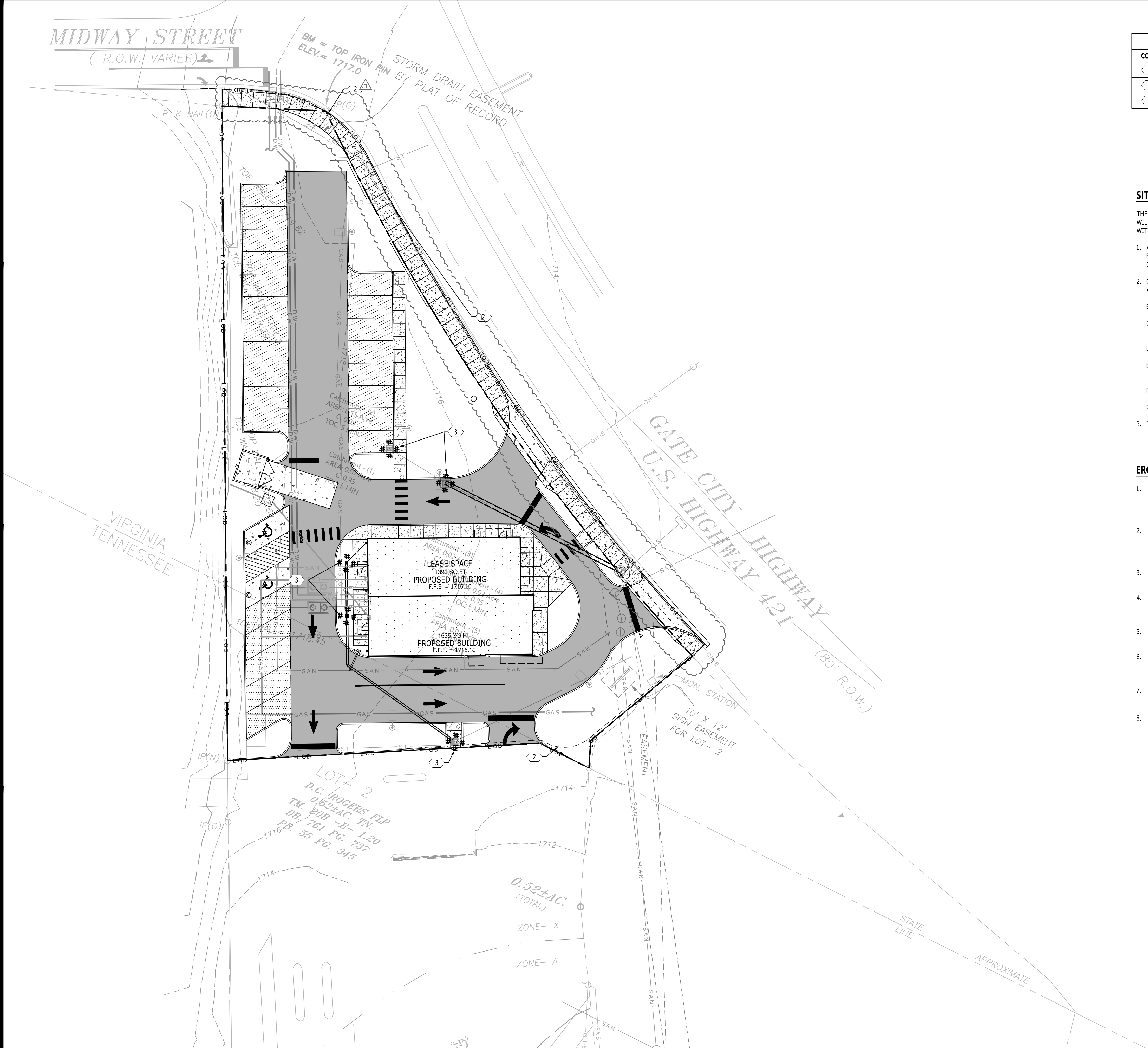
PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



INITIAL EROSION
CONTROL PLAN

C3.0

PLOT DATE: 5.07.2019



EROSION CONTROL KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
1	TEMPORARY CONSTRUCTION ENTRANCE	1 / C3.2
2	SILTATION EEL	2 / C3.2
3	INLET PROTECTION	3 / C3.2

SITE DESCRIPTION AND NOTES:

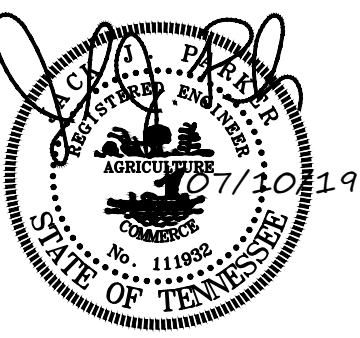
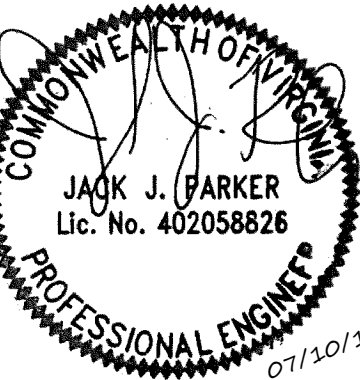
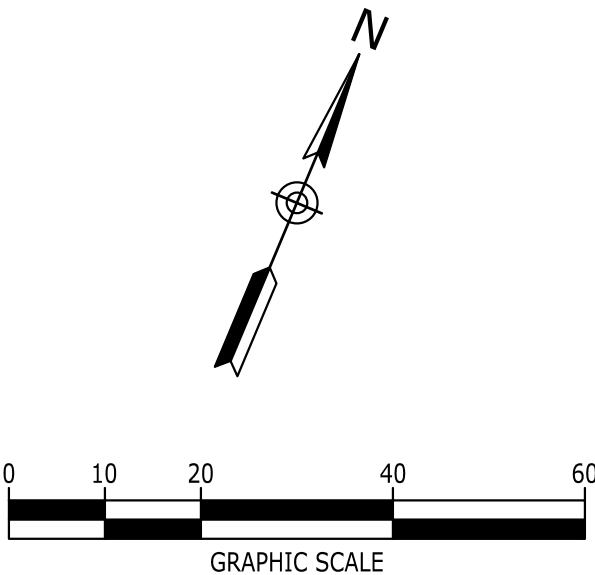
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 - CLEAR AND GRUB THE REMAINING SITE.
 - CONSTRUCT REMAINING SITE ACCORDING TO APPROVED PLANS, INCLUDING ALL ADDITIONAL EROSION CONTROL DEVICES.
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LEGEND	
STORM PIPE & INLET	
SPOT ELEVATION	
SILTATION EEL	
INLET PROTECTION	



DATE	DESCRIPTION
07/10/2019	CITY COMMENTS

CONTRACT DATE:	03/21/18
BUILDING TYPE:	FCD 24
PLAN VERSION:	015.00.01
SITE NUMBER:	313144
STORE NUMBER:	XXXX

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



FINAL EROSION
CONTROL PLAN

C3.1

PLOT DATE: 5.07.2019

SCHEDULE OF INSPECTIONS AND MAINTENANCE NOTES

1. INSPECTIONS DESCRIBED IN PARAGRAPHS 2, 3 AND 4 BELOW, SHALL BE PERFORMED AT LEAST TWICE EVERY CALENDAR WEEK. INSPECTIONS SHALL BE PERFORMED AT LEAST 72 HOURS APART. WHERE SITES OR PORTION(S) OF CONSTRUCTION SITES HAVE BEEN TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS (E.G., SITE COVERED WITH SNOW OR ICE) OR DUE TO EXTREME DROUGHT, SUCH INSPECTION ONLY HAS TO BE CONDUCTED ONCE PER MONTH UNTIL THAWING OR PRECIPITATION RESULTS IN RUNOFF OR CONSTRUCTION ACTIVITY RESUMES. INSPECTION REQUIREMENTS DO NOT APPLY TO DEFINABLE AREAS THAT HAVE BEEN FINALLY STABILIZED. WRITTEN NOTIFICATION OF THE INTENT TO CHANGE THE INSPECTION FREQUENCY AND THE JUSTIFICATION FOR SUCH REQUEST MUST BE SUBMITTED TO THE LOCAL ENVIRONMENTAL FIELD OFFICE, OR THE DIVISION'S NASHVILLE CENTRAL OFFICE FOR PROJECTS OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) AND THE TENNESSEE VALLEY AUTHORITY (TVA). SHOULD TDEC DISCOVER THAT MONTHLY INSPECTIONS OF THE SITE ARE NOT APPROPRIATE DUE TO INSUFFICIENT STABILIZATION MEASURES OR OTHERWISE, TWICE WEEKLY INSPECTIONS SHALL RESUME. TDEC MAY INSPECT THE SITE TO CONFIRM OR DENY THE NOTIFICATION TO CONDUCT MONTHLY INSPECTIONS.
2. QUALIFIED PERSONNEL (PROVIDED BY THE PERMITTEE OR COOPERATIVELY BY MULTIPLE PERMITTEES) SHALL INSPECT DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND EACH OUTFALL.
3. DISTURBED AREAS AND AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE SITE'S DRAINAGE SYSTEM. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY.
4. OUTFALL POINTS (WHERE DISCHARGES LEAVE THE SITE AND/OR ENTER WATERS OF THE STATE) SHALL BE INSPECTED TO DETERMINE WHETHER EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATERS. WHERE DISCHARGE LOCATIONS ARE INACCESSIBLE, NEARBY DOWNSTREAM LOCATIONS SHALL BE INSPECTED. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE SHALL BE INSPECTED FOR EVIDENCE OF OFFSITE SEDIMENT TRACKING.
5. BASED ON THE RESULTS OF THE INSPECTION, ANY INADEQUATE CONTROL MEASURES OR CONTROL MEASURES IN DISREPAIR SHALL BE REPLACED OR MODIFIED, OR REPAIRED AS NECESSARY, BEFORE THE NEXT RAIN EVENT, BUT IN NO CASE MORE THAN 7 DAYS AFTER THE NEED IS IDENTIFIED.
6. BASED ON THE RESULTS OF THE INSPECTION, THE SITE DESCRIPTION AND POLLUTION PREVENTION MEASURES IDENTIFIED IN THIS SWPPP SHALL BE REVISED AS APPROPRIATE, BUT IN NO CASE LATER THAN 7 DAYS FOLLOWING THE INSPECTION. SUCH MODIFICATIONS SHALL PROVIDE FOR TIMELY IMPLEMENTATION OF ANY CHANGES TO THE SWPPP, BUT IN NO CASE LATER THAN 14 DAYS FOLLOWING THE INSPECTION.
7. ALL INSPECTIONS SHALL BE DOCUMENTED ON THE CONSTRUCTION STORMWATER INSPECTION CERTIFICATION FORM PROVIDED IN APPENDIX D OF THE SWPPP REPORT FOR ALL CONSTRUCTION SITES. INSPECTION DOCUMENTATION WILL BE MAINTAINED ON SITE AND MADE AVAILABLE TO TDEC UPON REQUEST. INSPECTION REPORTS MUST BE SUBMITTED TO TDEC WITHIN 10 DAYS OF THE REQUEST. IF TDEC REQUESTS THE CONSTRUCTION STORMWATER INSPECTION CERTIFICATION FORM TO BE SUBMITTED, THE SUBMITTED FORM MUST CONTAIN THE PRINTED NAME AND SIGNATURE OF THE TRAINED CERTIFIED INSPECTOR AND THE PERSON WHO MEETS THE SIGNATORY REQUIREMENTS OF SECTION 7.7.2 OF THE NPDES GENERAL PERMIT.
8. TRAINED CERTIFIED INSPECTORS SHALL COMPLETE INSPECTION DOCUMENTATION TO THE BEST OF THEIR ABILITY. FALSIFYING INSPECTION RECORDS OR OTHER DOCUMENTATION OR FAILURE TO COMPLETE INSPECTION DOCUMENTATION SHALL RESULT IN A VIOLATION OF THIS PERMIT AND ANY OTHER APPLICABLE ACTS OR RULES.
9. SUBSEQUENT OPERATOR(S) (PRIMARY PERMITTEES) WHO HAVE OBTAINED COVERAGE UNDER THE NPDES GENERAL PERMIT SHOULD CONDUCT TWICE WEEKLY INSPECTIONS, UNLESS THEIR PORTION(S) OF THE SITE HAS BEEN TEMPORARILY STABILIZED, OR RUNOFF IS UNLIKELY DUE TO WINTER CONDITIONS OR DUE TO EXTREME DROUGHT AS STATED IN PARAGRAPH A) ABOVE. THE PRIMARY PERMITTEE (SUCH AS A DEVELOPER) IS NO LONGER REQUIRED TO CONDUCT INSPECTIONS OF PORTIONS OF THE SITE THAT ARE COVERED BY A SUBSEQUENT PRIMARY PERMITTEE (SUCH AS A HOME BUILDER).

SITE ASSESSMENT NOTES

1. THE SITE ASSESSMENT SHALL BE PERFORMED BY INDIVIDUALS WITH THE FOLLOWING QUALIFICATIONS:
- A LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT
 - A CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL (CPESC) OR
 - A PERSON THAT SUCCESSFULLY COMPLETED THE "LEVEL II DESIGN PRINCIPLES FOR EROSION PREVENTION AND SEDIMENT CONTROL FOR CONSTRUCTION SITES" COURSE.
2. QUALITY ASSURANCE OF EROSION PREVENTION AND SEDIMENT CONTROLS SHALL BE DONE BY PERFORMING SITE ASSESSMENT AT A CONSTRUCTION SITE. THE SITE ASSESSMENT SHALL BE CONDUCTED AT EACH OUTFALL INVOLVING DRAINAGE TOTALING 10 OR MORE ACRES OR 5 OR MORE ACRES IF DRAINING TO AN IMPAIRED OR EXCEPTIONAL QUALITY WATERS, WITHIN A MONTH OF CONSTRUCTION COMMENCING AT EACH PORTION OF THE SITE THAT DRAINS THE QUALIFYING ACREAGE OF SUCH PORTION OF THE SITE.
3. AS A MINIMUM, SITE ASSESSMENT SHOULD BE PERFORMED TO VERIFY THE INSTALLATION, FUNCTIONALITY AND PERFORMANCE OF THE EPSC MEASURES DESCRIBED IN THE SWPPP REPORT. THE SITE ASSESSMENT SHOULD BE PERFORMED WITH THE INSPECTOR, AND SHOULD INCLUDE A REVIEW AND UPDATE (IF APPLICABLE) OF THE SWPPP REPORT. MODIFICATIONS OF PLANS AND SPECIFICATIONS FOR ANY BUILDING OR STRUCTURE, INCLUDING THE DESIGN OF SEDIMENT BASINS OR OTHER SEDIMENT CONTROLS INVOLVING STRUCTURAL, HYDRAULIC, HYDROLOGIC OR OTHER ENGINEERING CALCULATIONS SHALL BE PREPARED BY A LICENSED PROFESSIONAL ENGINEER OR LANDSCAPE ARCHITECT AND STAMPED AND CERTIFIED IN ACCORDANCE WITH THE TENNESSEE CODE ANNOTATED, TITLE 62, CHAPTER 2 AND THE RULES OF THE TENNESSEE BOARD OF ARCHITECTURAL AND ENGINEERING EXAMINERS.
4. THE SITE ASSESSMENT FINDINGS SHALL BE DOCUMENTED AND THE DOCUMENTATION KEPT WITH THE SWPPP REPORT AT THE SITE. AT A MINIMUM, THE DOCUMENTATION SHALL INCLUDE INFORMATION INCLUDED IN THE INSPECTION FORM PROVIDED IN APPENDIX D OF THE SWPPP REPORT. THE DOCUMENTATION MUST CONTAIN THE PRINTED NAME AND SIGNATURE OF THE INDIVIDUAL PERFORMING THE SITE ASSESSMENT AND THE FOLLOWING CERTIFICATION:
- "I CERTIFY UNDER PENALTY OF LAW THAT THIS REPORT AND ALL ATTACHMENTS ARE, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."
5. THE SITE ASSESSMENT CAN TAKE THE PLACE OF ONE OF THE TWICE WEEKLY INSPECTIONS REQUIREMENT.
6. TDEC MAY REQUIRE ADDITIONAL SITE ASSESSMENT(S) TO BE PERFORMED IF SITE INSPECTION BY TDEC'S PERSONNEL REVEALS SITE CONDITIONS THAT HAVE POTENTIAL OF CAUSING POLLUTION TO THE WATERS OF THE STATE.

NOTE:

CONTRACTOR SHALL INSTALL A 4'X4' WEATHER PROOF SIGN (6' HEIGHT) AT THE MAIN CONSTRUCTION ENTRANCE. THE SIGN SHALL HAVE THE FOLLOWING INFORMATION:

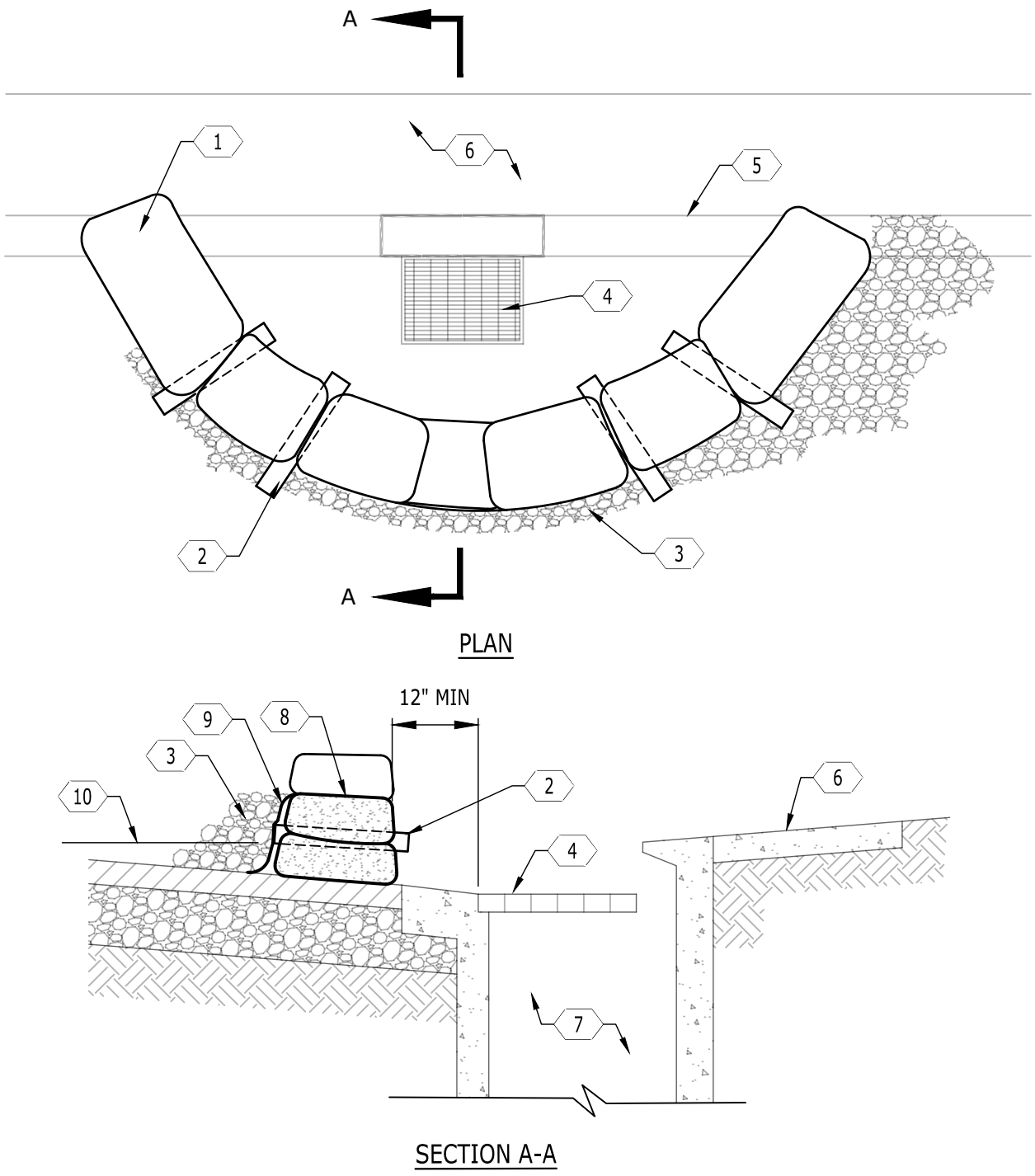
1. A COPY OF THE NOTICE OF COVERAGE WITH THE NPDES PERMIT NUMBER (FURNISHED BY ENGINEER).
2. THE NAME AND TELEPHONE NUMBER OF A LOCAL CONTACT PERSON (FURNISHED BY CONSTRUCTION MANAGER).
3. DESCRIPTION OF PROJECT (FURNISHED BY CONSTRUCTION MANAGER).

NOTE:

CONTRACTOR SHALL INSTALL A 4'X4' WEATHER PROOF SIGN (6' HEIGHT) AT THE MAIN CONSTRUCTION ENTRANCE. THE SIGN SHALL HAVE THE FOLLOWING INFORMATION:

1. A COPY OF THE NOTICE OF COVERAGE WITH THE NPDES PERMIT NUMBER (FURNISHED BY ENGINEER).
2. THE NAME AND TELEPHONE NUMBER OF A LOCAL CONTACT PERSON (FURNISHED BY CONSTRUCTION MANAGER).
3. DESCRIPTION OF PROJECT (FURNISHED BY CONSTRUCTION MANAGER).

KEYNOTES	
CODE	DESCRIPTION
1	SAND BAGS; OVERLAP ONTO CURB
2	PVC PIPE; 2"-3" DIA.; PLACE BETWEEN FIRST AND SECON LAYERS OF SAND BAGS (TYP.)
3	CLEAN, WASHED, STONE FILTER (3/8" DIA. NOMINAL SIZE GRAVEL OR APPROVED EQUAL); LINE ENTIRE OUTER PERIMETER OF THE SANDBAG BARRIER;
4	CURB INLET
5	BACK OF CURB
6	SIDEWALK
7	CATCH BASIN
8	SPILWAY
9	FILTER FABRIC
10	ALLOWABLE PONDING ELEV.
NOTE: 1. NOT APPLICABLE IN AREAS OF HIGH SILTS AND CLAYS WITHOUT USE OF FILTER FABRIC LAYER. 2. PERIODICALLY REMOVE AND REPLACE GRAVEL. OLD GRAVEL MAY BE USED AS BACKFILL MATERIAL IF APPROVED BY THE ENGINEER.	

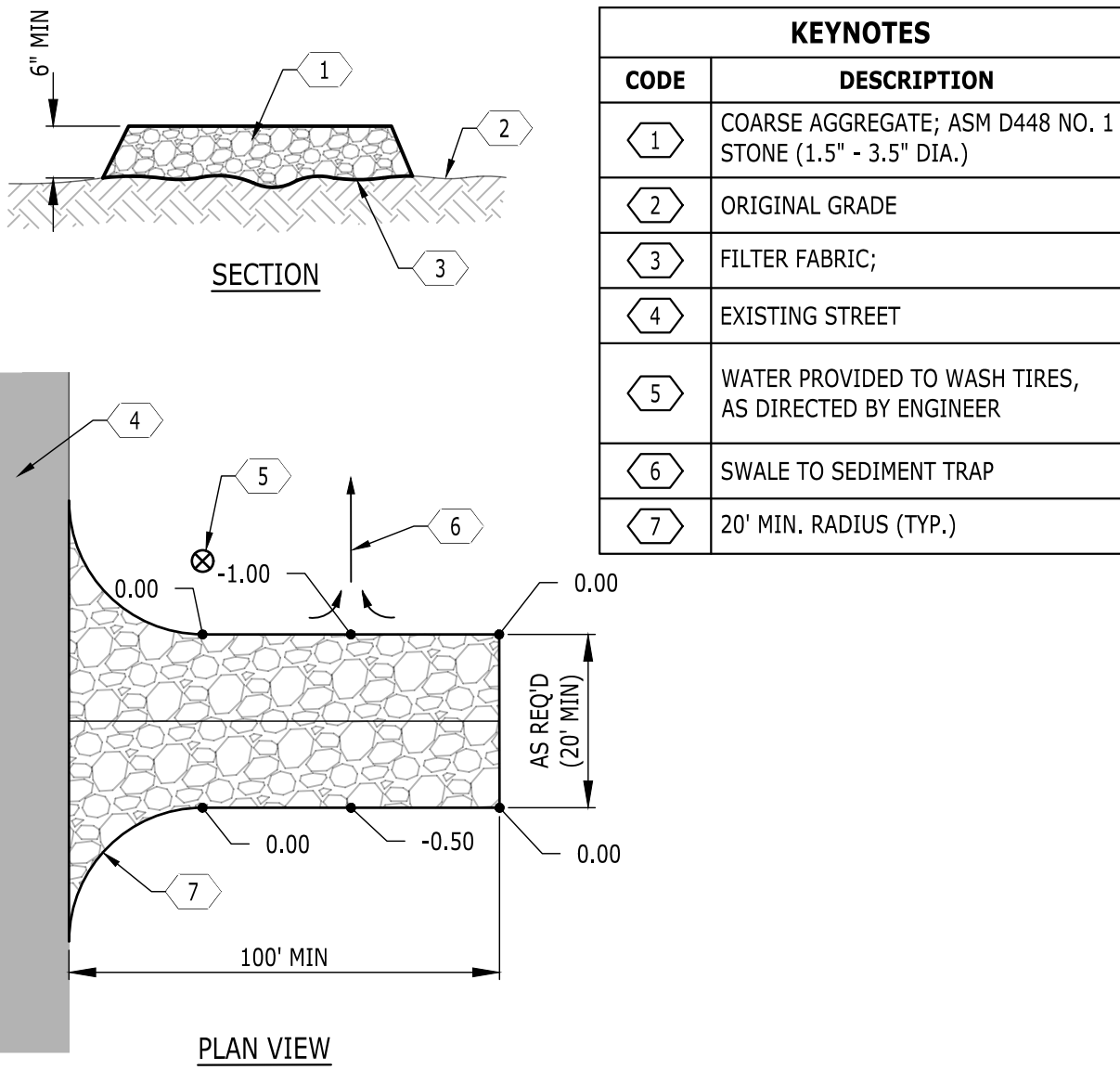


SAND BAG CURB INLET PROTECTION

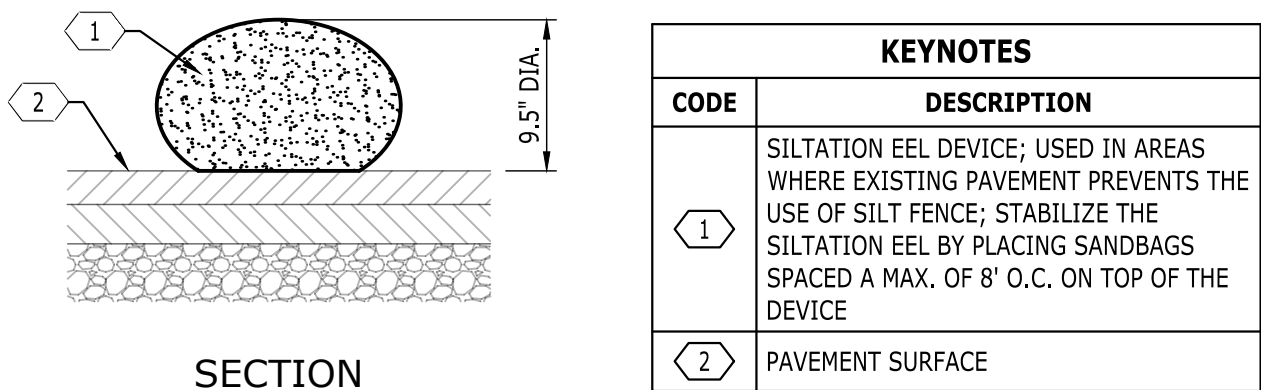
KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE WASH-OUT; 10'x20'; LINE WITH IMPERMEABLE GEOTEXTILE FABRIC AND SHALL HAVE A MIN. 12" DEPTH.
2	SLOPE SIDES 1:1
3	SANDBAGS
4	WASH-OUT GRAVEL ENTRANCE; 20'x20'; EDGE OF ENTRANCE TO BE LOCATED ON THE CURB EDGE OF ROADWAY
5	SILT FENCE; STAKE DOWN FIRST 10 FEET AT ENTRANCE WITH IRON RODS SPACED AT 12" O.C.
NOTE: 1. TEMPORARY PIT SHALL BE CONSTRUCTED DEEP ENOUGH TO HANDLE ALL ANTICIPATED SLURRY, SOLID WASTE AND DIRECT RAINFALL. 2. NO RUNOFF SHALL LEAVE THE WASH-OUT AREA. 3. WASH-OUT WASTES INTO TEMPORARY PIT WHERE CONCRETE CAN SET, BE BROKEN UP AND PROPERLY DISPOSED OF. 4. WASH-OUT FACILITIES MUST BE CLEANED, OR NEW FACILITIES CONSTRUCTED AND READY FOR USE, ONCE THE WASH-OUT IS 75% FULL. 5. WASH-OUT SHALL BE LOCATED A MIN. OF 50' AWAY FROM STORM DRAINS, OPEN DITCHES, WETLANDS AND WATER BODIES. 6. SIGNAGE IDENTIFYING THE CONCRETE WASH-OUT AREA SHALL BE INSTALLED WITHIN 5' OF THE WASH-OUT FACILITY.	

CONCRETE WASH-OUT

NOT TO SCALE

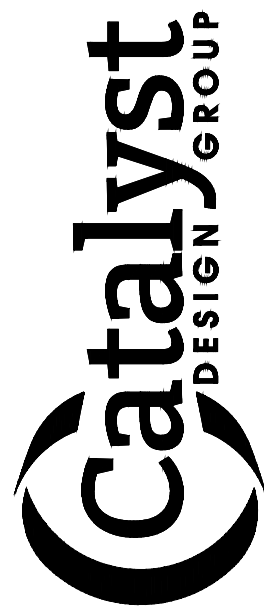
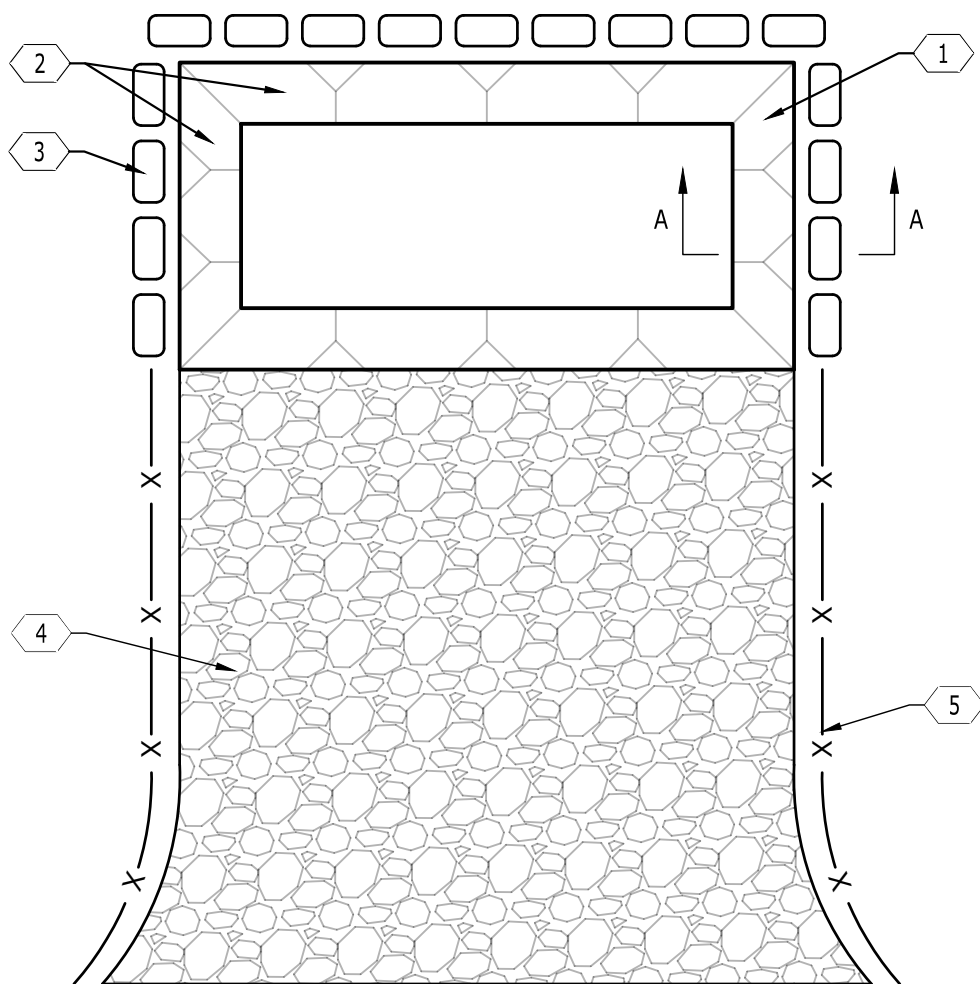


TEMPORARY CONSTRUCTION ENTRANCE



TEMPORARY SILTATION EEL

NOT TO SCALE



5015 CENTENNIAL BLVD., SUITE 200, NASHVILLE, TN 37209
(615) 865-2410 | WWW.CATALYST-LOG.COM

DATE	DESCRIPTION

CONTRACT DATE: 03/21/18
BUILDING TYPE: FCD 24
PLAN VERSION: 015.00.01
SITE NUMBER: 313144
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201

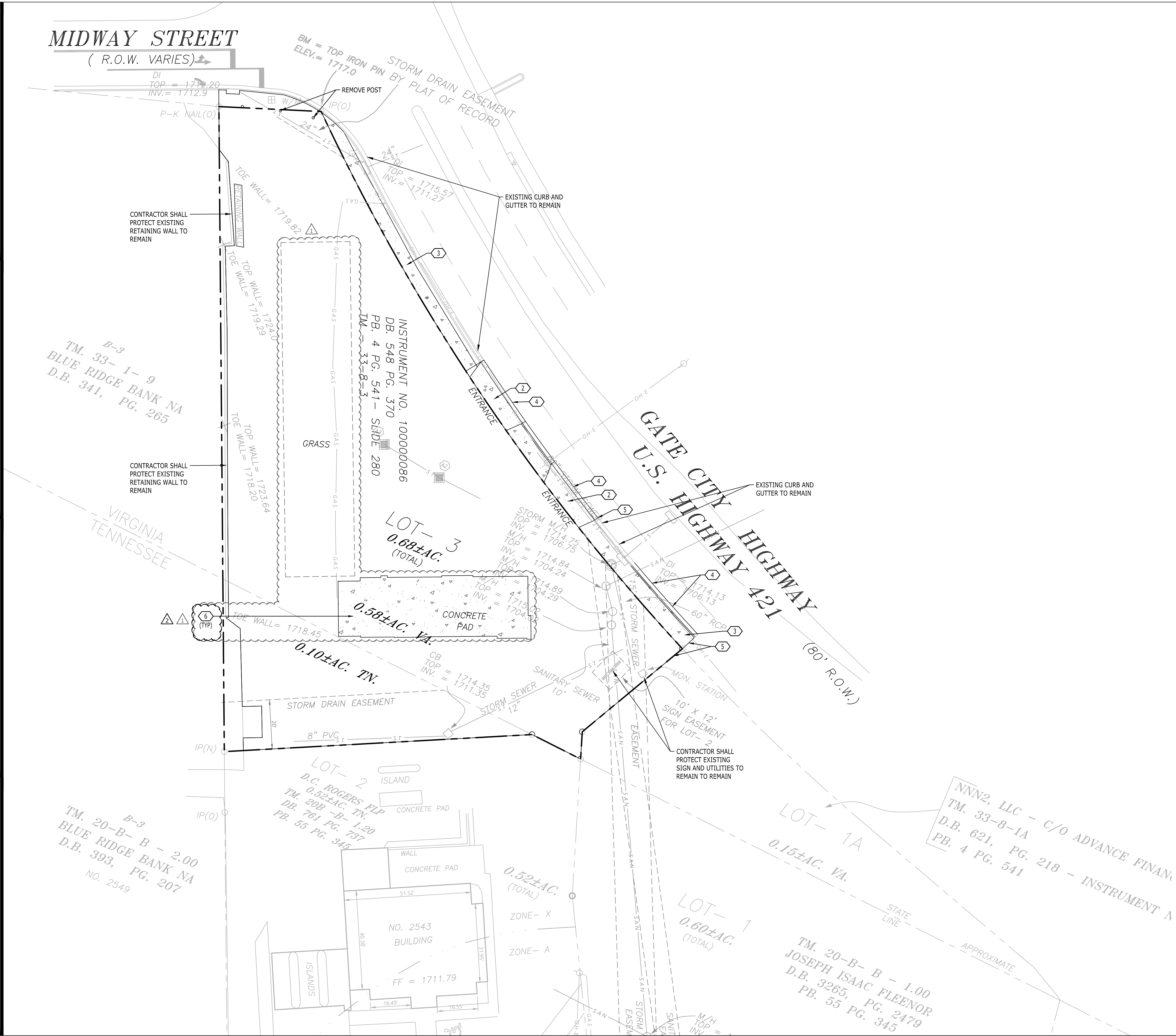


FCD 24
015.00.01

SEDIMENT AND
EROSION
CONTROL DETAILS
C3.2

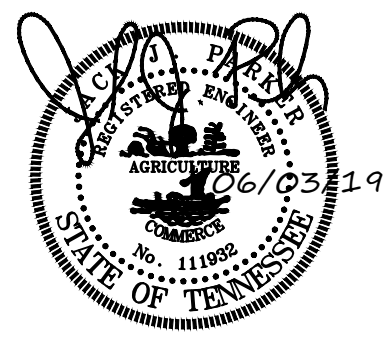
PLOT DATE: 5.07.2019

MIDWAY STREET
(R.O.W. VARIES)



DEMOLITION KEYNOTES	
CODE	DESCRIPTION
1	REMOVE EXISTING ASPHALT PAVEMENT
2	REMOVE EXISTING CONCRETE PAVEMENT
3	REMOVE EXISTING CONCRETE SIDEWALK
4	REMOVE EXISTING CONCRETE CURB
5	EVENLY SAWCUT
6	REMOVE EXISTING BUILDING PAD

CONCRETE MUST BE REMOVED BACK TO NEAREST EXPANSION JOINT IN ANY SIDEWALK CUT FOR ENTRANCE OR NEW SIDEWALK INSTALLATION.



DATE	DESCRIPTION
05/22/2019	PER_OWNER_COMMENTS
06/03/2019	GENERAL_REVISION

CONTRACT DATE: 03/21/18
BUILDING TYPE: FCD 24
PLAN VERSION: 015.00.01
SITE NUMBER: 313144
STORE NUMBER: XXXXX

LEGEND	
BUILDING TO BE REMOVED	
CONCRETE TO REMOVE	
ASPHALT PAVEMENT TO REMOVE	

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



DEMOLITION PLAN

C4.0
PLOT DATE: 5.07.2019

MIDWAY STREET

(R.O.W. VARIES)

B-3
TM. 33-1-9
BLUE RIDGE BANK NA
D.B. 341, PG. 265

VIRGINIA
TENNESSEE

B-3
TM. 20-B- B - 2.00
BLUE RIDGE BANK NA
D.B. 393, PG. 207
NO. 2549

LOT- 2
D.C. ROGERS FLP
0.52±AC. TN.
TM. 20B -B- L-20
DB. 761 PG. 737
PB. 55 PG. 345

NNN2, LLC - C/O ADVANCE FIN.
TM. 33-8-1A
D.B. 621, PG. 218 - INSTRUMENT
PB. 4 PG. 541

TM. 20-B- B - 1.00
JOSEPH ISAAC FLEENOR
D.B. 3265, PG. 2479
PB. 55 PG. 345

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD DIRECTION	CHORD LENGTH
C1	39.14	34.00	65.96	N33° 46' 02"E	37.01
C2	14.41	18.00	45.86	S1° 17' 06"E	14.03
C3	5.98	18.00	19.04	S31° 09' 47"W	5.95
C4	13.89	27.00	29.49	N20° 56' 47"E	13.74
C5	15.99	29.00	31.59	S21° 59' 46"W	15.79
C6	4.90	29.00	9.67	S42° 37' 28"W	4.89

CONCRETE MUST BE REMOVED BACK TO NEAREST EXPANSION JOINT IN ANY SIDEWALK CUT FOR ENTRANCE OR NEW SIDEWALK INSTALLATION.

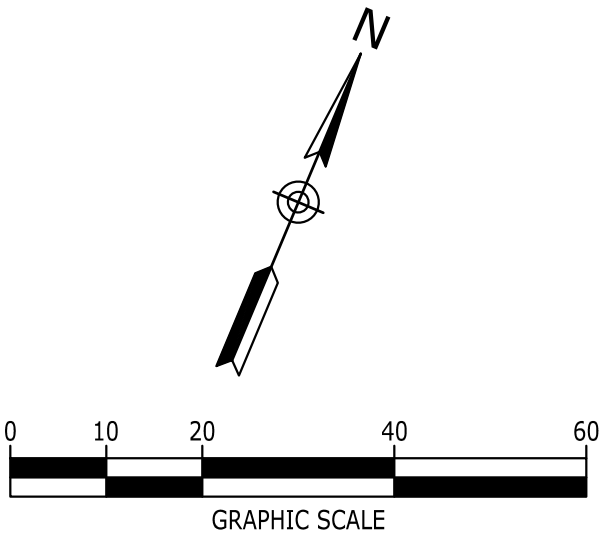
KNOX BOX SHALL BE ADDED BY FRONT DOOR FOR ACCESS DURING NON-BUSINESS HOURS. APPLICATION CAN BE ACQUIRED AT 211 LEE STREET STATION.

LEGEND	
BUILDING	
CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
HEAVY DUTY PAVEMENT	
LIGHT DUTY PAVEMENT	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	

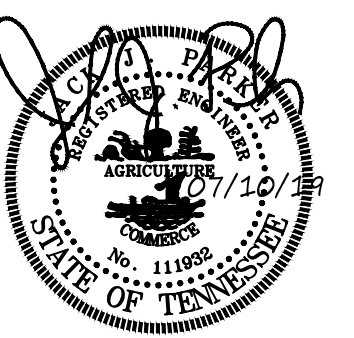
SITE LAYOUT KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
1A	ASPHALT PAVEMENT - LIGHT DUTY	1 / C8.0
1B	ASPHALT PAVEMENT - HEAVY DUTY	1 / C8.0
2	CONCRETE PAVEMENT	2 / C8.0
3B	CONCRETE EXTRUDED CURB	3 / C8.0
3C	CONCRETE CURB & GUTTER PER VDOT STANDARDS	.
4A	CONCRETE SIDEWALK	4 / C8.0
4B	CONCRETE SIDEWALK WITH TURN DOWN CURB	5 / C8.0
4C	CONCRETE SIDEWALK PER VDOT STANDARDS	.
5	SIDEWALK JOINTS	6 / C8.0
8	ACCESSIBLE SYMBOL	7 / C8.0
9	ACCESSIBLE PARKING SPACE	8 / C8.0
10A	ACCESSIBLE WALK	5 / C8.1
10B	ACCESSIBLE WINGED RAMP	10 / C8.1
14	BOLLARD	9 / C8.0
15	UTILITY PAD	3 / C8.2
16	CONCRETE DUMPSTER PAD	10 / C8.0
17	STANDARD ENTRANCE PER VDOT STANDARDS [VDOT CG-9D]	9 / C8.1
18	DIRECTIONAL ARROWS	11 / C8.0
19	PEDESTRIAN CROSSWALK	2 / C8.1
22A	SEGMENTAL RETAINING WALL	3 / C8.1
23	PAINTED STOP BAR (2')	4 / C8.1
SITE SIGNAGE KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
1	ACCESSIBLE PARKING SIGN IN BOLLARD	1 / C8.1
3	"STOP" SIGN	12 / C8.0

SITE DATA

SITE ADDRESS:	170 GATE CITY HIGHWAY BRISTOL, VIRGINIA 24201
SITE ACREAGE:	0.68 AC. (29,470 FT²)
EXISTING ZONING:	B3
PROPOSED USE:	RESTAURANT
IMPERVIOUS SURFACE AREA	0.04 AC. (1,887 FT²)
BUILDINGS:	0.42 AC. (18,409 FT²)
DRIVES/SIDEWALKS:	0.46 AC. (20,296 FT²)
TOTAL PROPOSED IMPERVIOUS AREA:	69%
PROPOSED ISR:	98%
EXISTING ISR:	
PARKING SUMMARY	
PARKING REQUIRED:	7 SPACES REQUIRED
(PARKING REQUIREMENTS)	
PARKING PROVIDED:	26 SPACES (2 ACCESSIBLE)
OWNER:	GC PIZZA HUT
ADDRESS:	116 RADIO CIRCLE DRIVE, SUITE 305 MT. KISCO, NY 10549
PHONE NO.:	706.254.8544
CONTACT NAME:	MR. TOMMY MULKEY
CONTACT E-MAIL ADDRESS:	tmulkey@gcpizzahut.com
PROJECT REPRESENTATIVE:	CATALYST DESIGN GROUP
ADDRESS:	5016 CENTENNIAL BLVD., STE 200 NASHVILLE, TN 37209
PHONE NO.:	615.866.2410
CONTACT NAME:	PHILLIP PIERCY
CONTACT E-MAIL ADDRESS:	ppiercy@CATALYST-DG.COM
FEMA PANEL:	
A PORTION OF LOT-2, TENNESSEE SIDE ONLY, DOES LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO COMMUNITY PANEL NO. 47163C0102D, 09/29/2006.	



5016 CENTENNIAL BLVD., SUITE 200, NASHVILLE, TN 37209
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DATE	DESCRIPTION
07/10/2019	CITY COMMENTS

CONTRACT DATE:	03/21/18
BUILDING TYPE:	FCD 24
PLAN VERSION:	015.00.01
SITE NUMBER:	313144
STORE NUMBER:	XXXXX

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



LAYOUT PLAN

C5.0

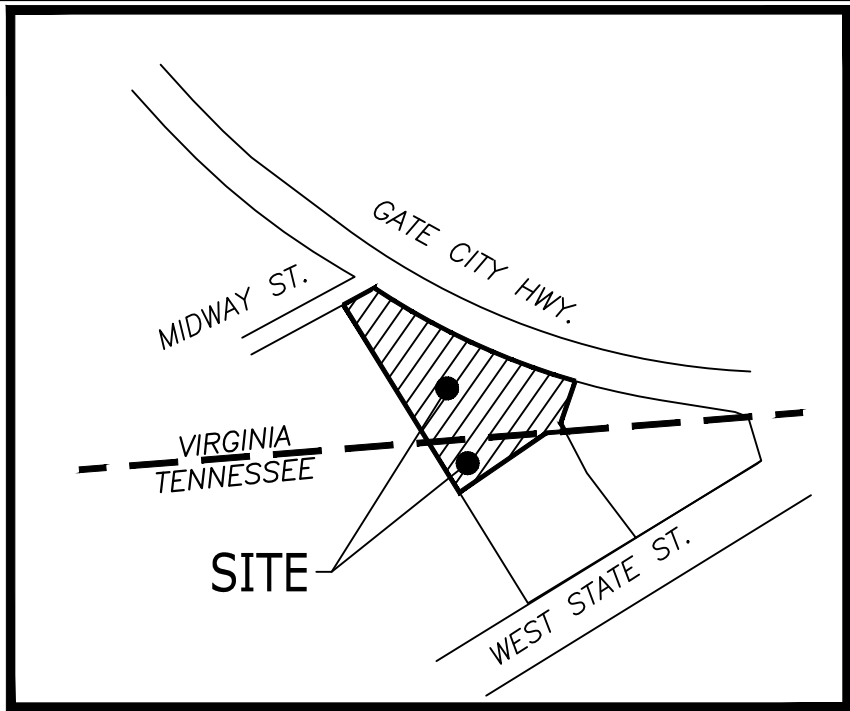
PLOT DATE: 5.07.2019

MIDWAY STREET

(R.O.W. VARIES)

STRUCTURE TABLE		
CODE	DESCRIPTION	TOP GRATE
A1	EXISTING MANHOLE	1714.75
A2	SINGLE CURB INLET	1715.40
A3	SINGLE CURB INLET	1716.25
B1	EXISTING INLET	1714.35
B2	CLEANOUT	1717.38
B3	12" INLINE DRAIN BASIN	1715.50
B4	12" INLINE DRAIN BASIN	1715.50

PIPE TABLE							
FROM CODE	FROM INV.	TO CODE	TO INV.	GRADE (%)	SIZE (INCHES)	LENGTH (L.F.)	TYPE
A2	1712.09	A1	1711.50	0.75%	15"	78	RCP
A3	1712.81	A2	1712.19	2.38%	15"	26	RCP
B2	1711.99	B1	1711.55	0.83%	8"	53	HDPE
B3	1712.16	B2	1711.99	0.83%	8"	20	HDPE
B4	1712.33	B3	1712.16	0.83%	8"	21	HDPE



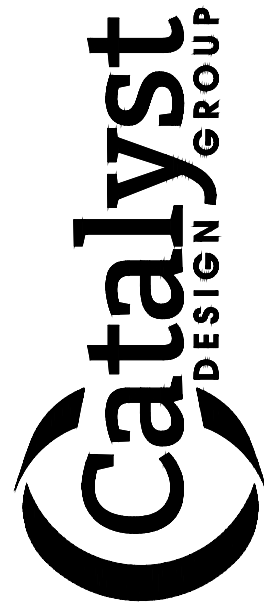
VICINITY MAP
NOT TO SCALE

EXISTING IMPERVIOUS AREA: 0.60 ACRES
PROPOSED IMPERVIOUS AREA: 0.47 ACRES
REDUCED IMPERVIOUS AREA: 0.13 ACRES

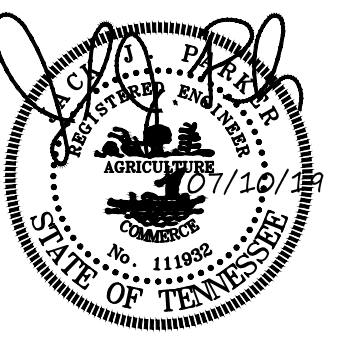
LEGEND	
STORM PIPE & INLET	
SPOT ELEVATION	+0.00
PROPOSED CONTOUR ELEV.	90
DRAINAGE STRUCTURE	

GRADING & DRAINAGE KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
1A	CURB INLET	6 / C8.1
1B	12" INLINE DRAIN BASIN	2 / C8.2
2	ROOF DRAIN CONNECTION	1 / C8.2
5	CLEANOUT	7 / C8.1

SITE BM:
TOP IRON PIN NORTH CORNER OF
THE PROPERTY AT CORNER OF
MIDWAY ST AND GATE CITY HWY
ELEV.= 1717.0



5016 CENTENNIAL BLVD., SUITE 200, NASHVILLE, TN 37209
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DATE	DESCRIPTION
06/03/2019	GENERAL REVISIONS
07/10/2019	CITY COMMENTS

CONTRACT DATE: 03/21/18
BUILDING TYPE: FCD 24
PLAN VERSION: 015.00.01
SITE NUMBER: 313144
STORE NUMBER: XXXXX

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201

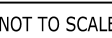
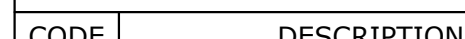
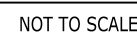
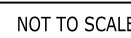
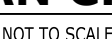
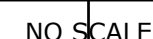
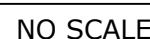
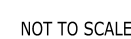
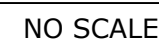
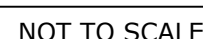
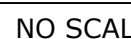


FCD 24
015.00.01

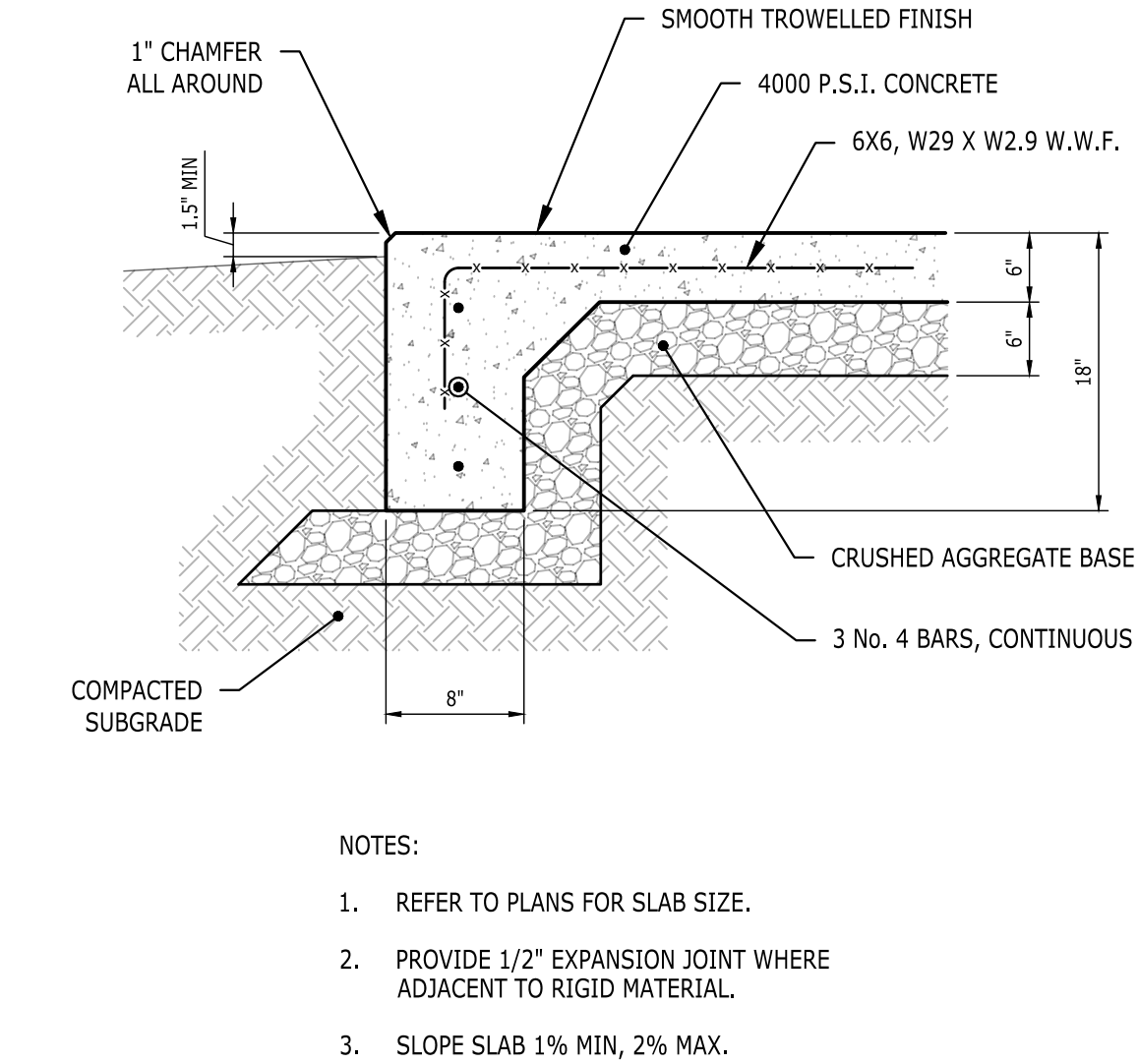
GRADING &
DRAINAGE PLAN

C6.0

PLOT DATE: 5.07.2019

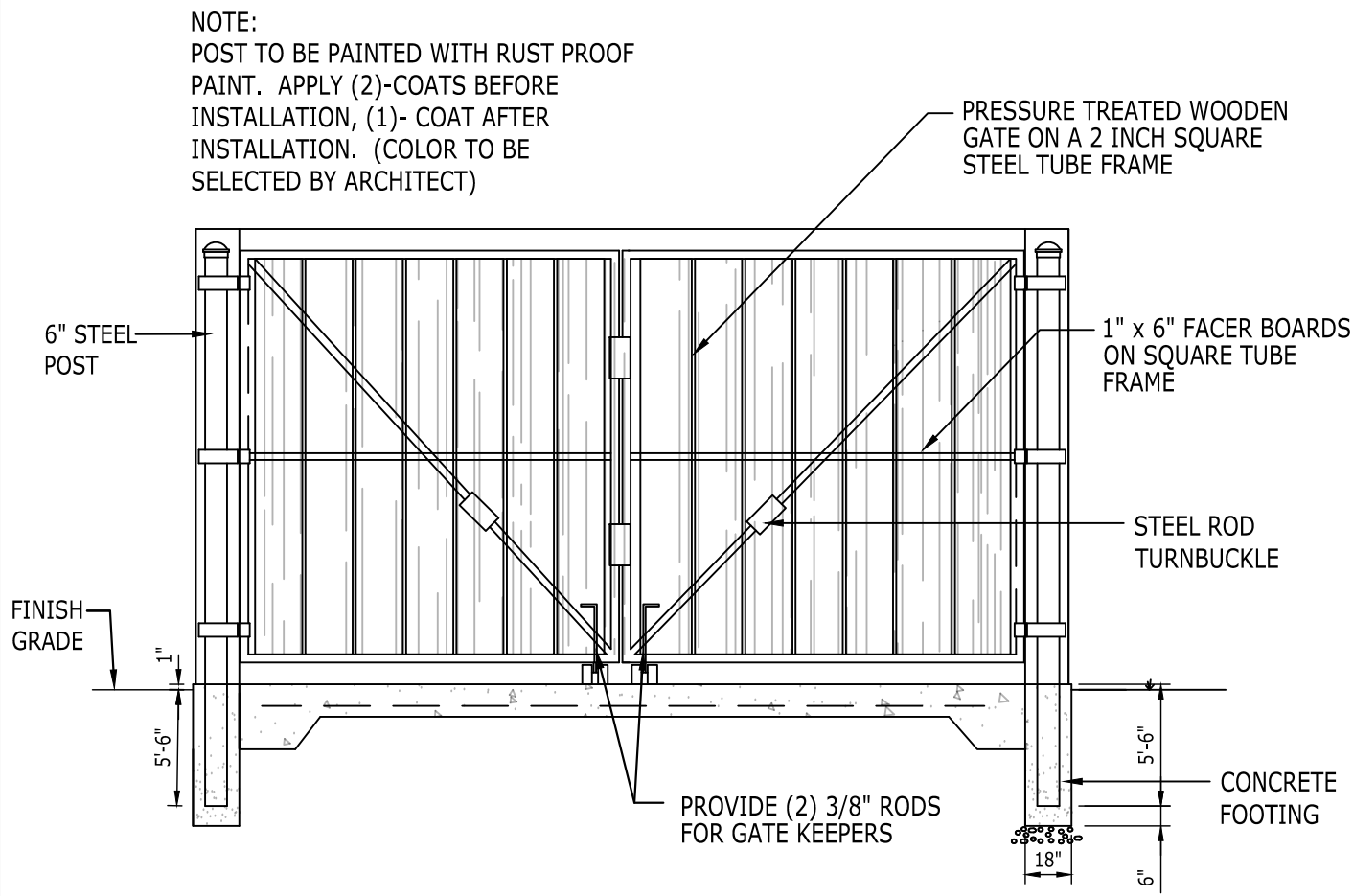


6



HEAVY DUTY UTILITY PAD
NO SCALE

7

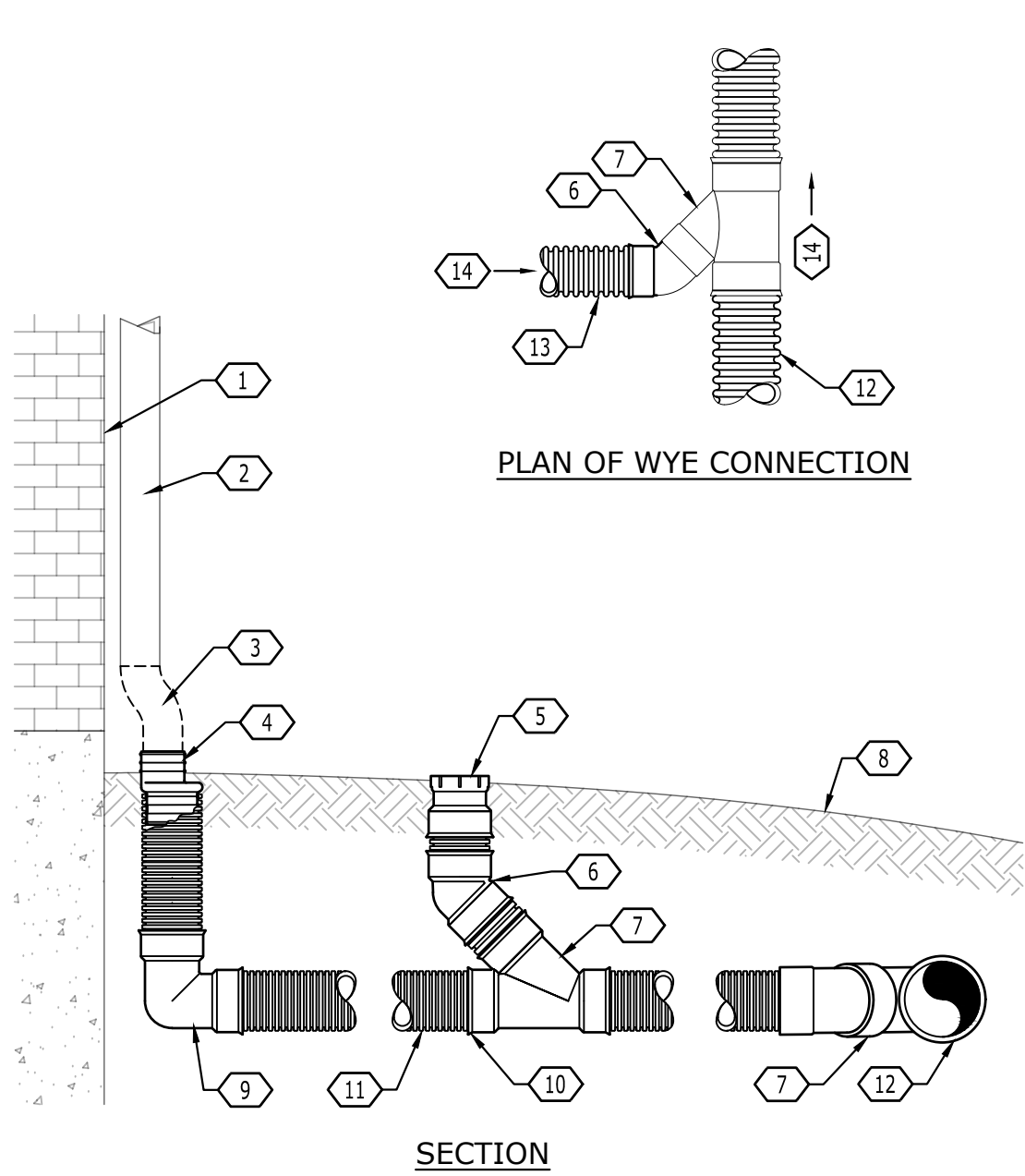


DUMPSTER GATE
NO SCALE

8

5

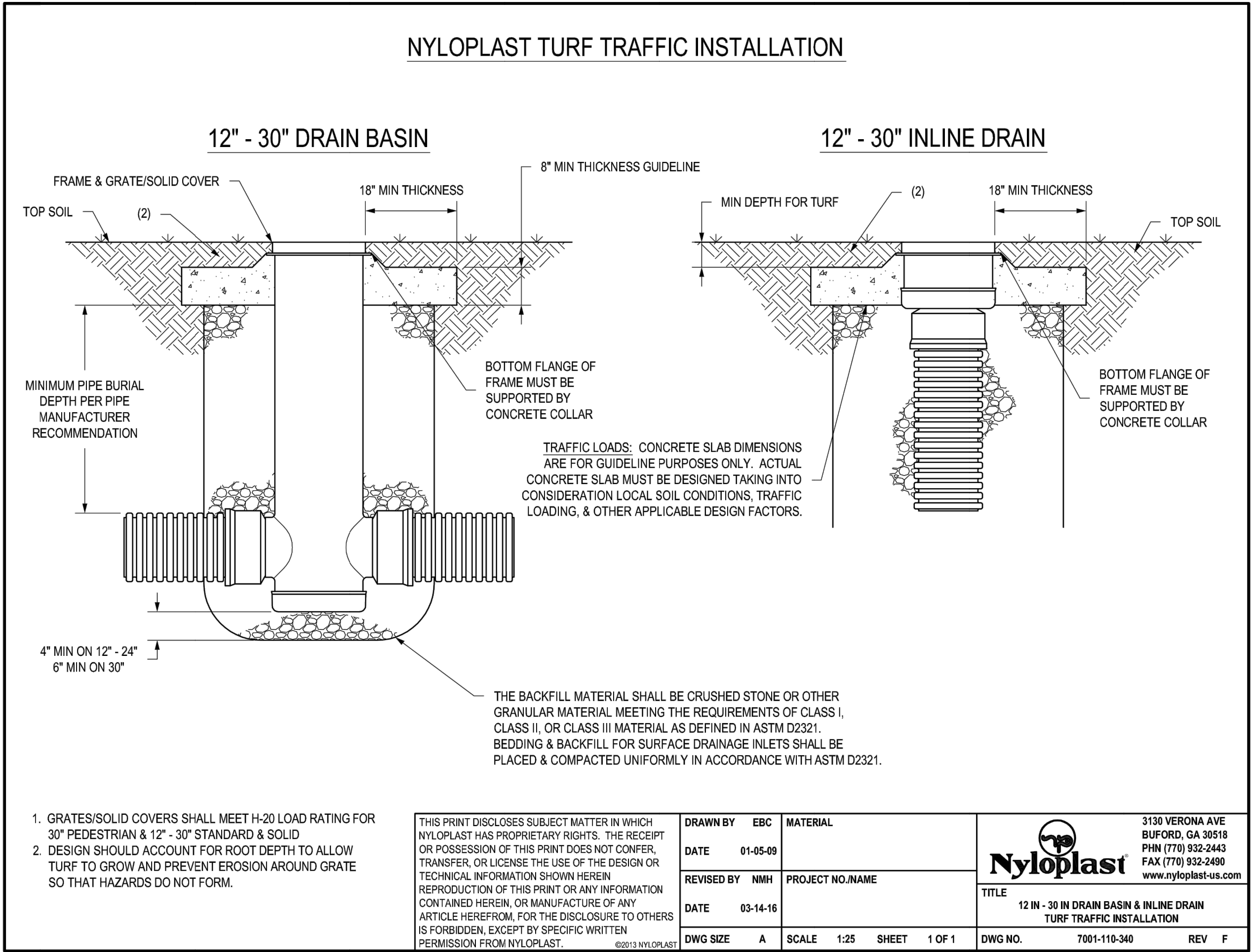
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BUILDING DOWNSPOUT CONNECTION
NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	FACE OF BUILDING
2	DOWNSPOUT, BY OTHERS
3	OPTIONAL OFFSET IF REQUIRED
4	DOWNSPOUT ADAPTER PER PIPE MANUFACTURER'S RECOMMENDATIONS; INSERT IN RISER PIPE; DOWNSPOUT TYPE, SHAPE AND SIZE MAY VARY.
5	CLEANOUT WITH THREADED HEAVY-DUTY BRONZE COUNTERSUNK PLUG; INSTALL FLUSH WITH FINISH GRADE.
6	INJECTION-MOLDED WT 45° BEND
7	INJECTION-MOLDED WT 45° WYE
8	FINISHED GRADE
9	INJECTION-MOLDED WT 90° BEND
10	GASKETED CONNECTION (TYP.)
11	HDPE TYPE S PIPE (TYP.)
12	STORM SEWER; SEE PLANS FOR SIZE, LOCATION AND INVERT ELEVATION.
13	DOWNSPOUT LEADER
14	FLOW

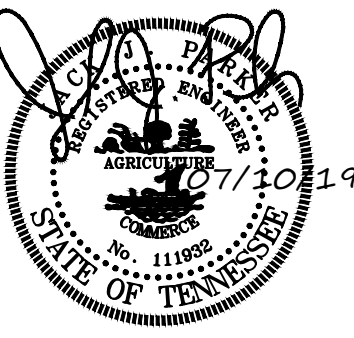
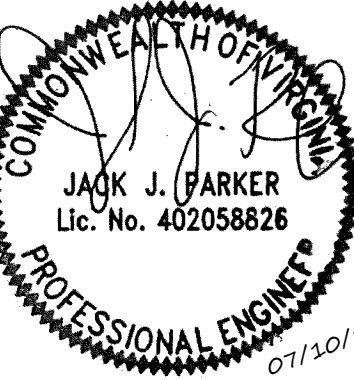
NOTES:
1. INJECTION-MOLDED FITTINGS ARE AVAILABLE AS TEES, WYES, REDUCERS, 45° BENDS AND BELL/BELL COUPLINGS; INSTALL WATER TIGHT JOINTS IN ALL CASES.
2. BLIND STORM SEWER CONNECTIONS SHALL BE MADE WITH 45° WYES AND STANDARD FITTINGS.



INLINE DRAIN BASIN
NO SCALE



5016 CENTENNIAL BLVD., SUITE 200, NASHVILLE, TN 37209
(615) 865-2410 | WWW.CATALYST-LOG.COM



DATE	DESCRIPTION
07/10/2019	GENERAL COMMENTS

CONTRACT DATE:	03/21/18
BUILDING TYPE:	FCD 24
PLAN VERSION:	015.00.01
SITE NUMBER:	313144
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201



FCD 24
015.00.01

SITE DETAILS

C8.2

PLOT DATE: 5.07.2019

MIDWAY STREET

(R.O.W. VARIES)

10 LB
1 ARO
2 IC
3 BG

3 BG
1 ARO

TM. 33- 1- 9
BLUE RIDGE BANK NA
D.B. 341, PG. 265

9 TOE
3 IC
1 ARO
16 LB

6 BG
1 ARO
12 LB

3 IC
3 PM
19 LB

1 LC2
7 TOE

L2
L5

LEASE SPACE
1390 SQ FT
PROPOSED BUILDING
F.F.E. = 1716.10

1535 SQ FT
PROPOSED BUILDING
F.F.E. = 1716.10

GATE CITY HIGHWAY 421
(80' R.O.W.)

TM. 20-B- B - 2.00
BLUE RIDGE BANK NA
D.B. 393, PG. 207
NO. 2549

LOT 2
D.C. ROGERS FLP
0.52±AC. TN.
DB: 761 PG. 737
PB. 55 PG. 345

CONCRETE PAD

WALL

CONCRETE PAD

NO. 2543
BUILDING

FF = 1711.79

0.52±AC.
(TOTAL)

ZONE- X

ZONE- A

LOT- 1
0.60±AC.
(TOTAL)

TM. 20-B- B
JOSEPH ISAAC
D.B. 3265, PG.
PB. 55 PG. 3

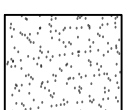
LANDSCAPE KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
L1	PLANTING BED LIMITS	
L2	IRRIGATION LIMITS	
L3	AREA TO BE SEEDED	
L4	AREA TO BE SODDED	
L5	PINE BARK MULCH	

PLANT SCHEDULE

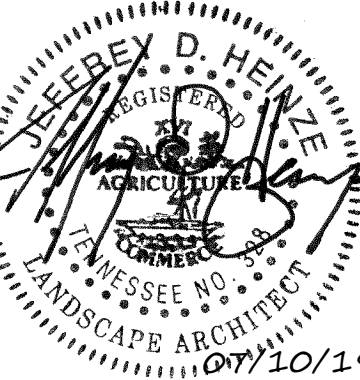
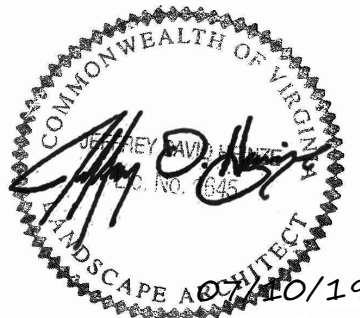
TREES	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	SPREAD	
ARO	4	Acer rubrum 'October Glory' TM / October Glory Maple	B & B	3"	13-15' Ht.	4-5'	
LC2	7	Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle	B & B		10-12'		
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	SPREAD	
BG	20	Buxus x 'Green Gem' / Green Gem Boxwood	#7		18-24"	18-24"	
IC	8	Ilex x 'Conaf' / Oak Leaf Holly	#15		42-48"	24-30"	
JA	10	Juniperus x pfizeriana 'Aurea Improved' / Gold Coast Juniper	#7		18-24"	30-36"	
PM	21	Pennisetum alopecuroides 'Moudry' / Black Fountain Grass	#1		18-24"	12-18"	
TOE	16	Thuja occidentalis 'Emerald' / Emerald Arborvitae	B & B		5-6' Ht.		
GROUND COVERS	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	SPREAD	SPACING
HG	16	Hemerocallis x 'Little Grapette' / Little Grapette Dayily	#1		12-15"	12-15"	24" o.c.
LB	68	Liriope muscari 'Big Blue' / Big Blue Lilyturf	#1				30" o.c.
SOD/SEED	QTY	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	SPREAD	SPACING
CT	573 sf	Sod / Sod	-				

SEED / SOD SCHEDULE

	FESCUE SOD	6,113 sf
---	------------	----------



5016 CENTENNIAL BLVD., SUITE 200, NASHVILLE, TN 37209
(615) 865-2410 | WWW.CATALYSTDG.COM



DATE	DESCRIPTION
07/10/2019	CITY COMMENTS

CONTRACT DATE:	03/21/18
BUILDING TYPE:	FCD 24
PLAN VERSION:	015.00.01
SITE NUMBER:	313144
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VIRGINIA 24201

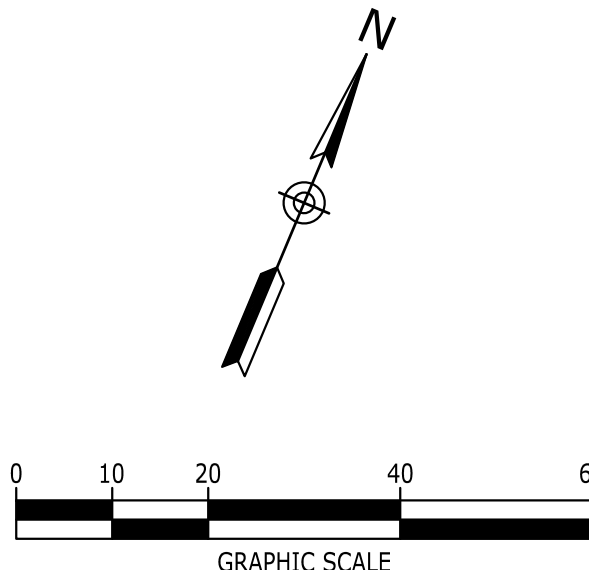


FCD 24
015.00.01

LANDSCAPE PLAN

L1.0

PLOT DATE: 5.07.2019

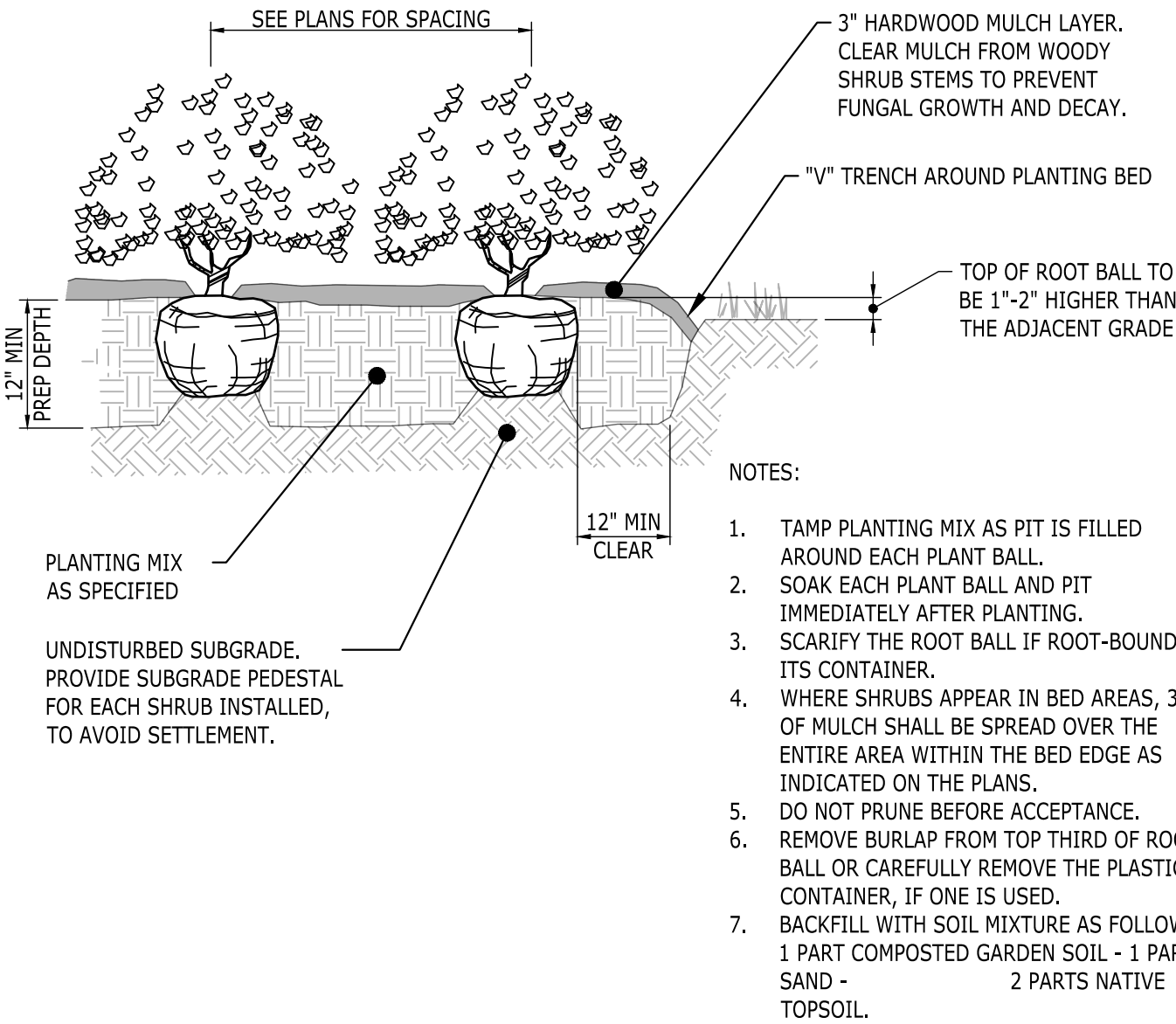


PLANTING NOTES

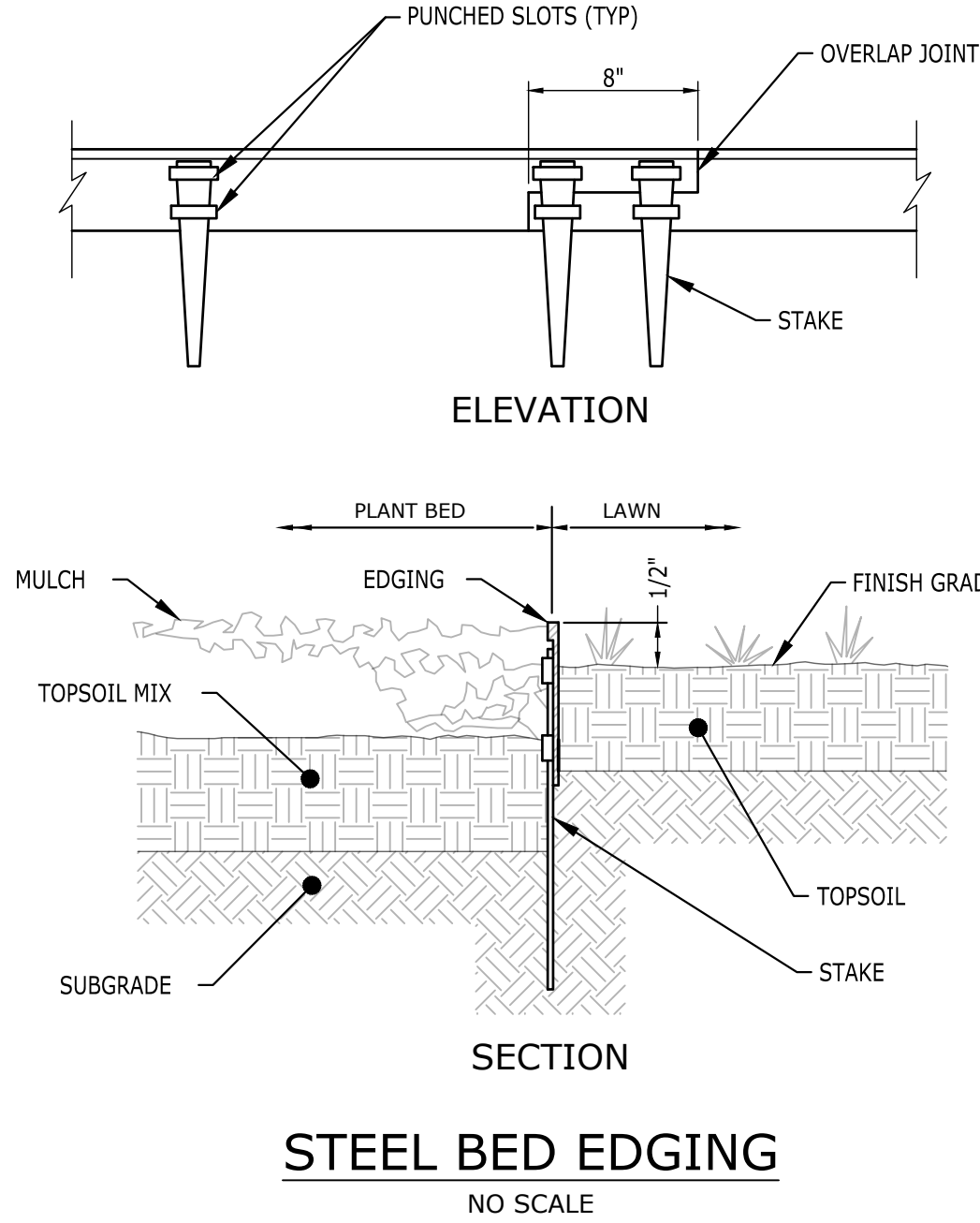
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO CONFIRM ALL MATERIAL QUANTITIES. IN THE EVENT OF A DISCREPANCY, THE QUANTITIES SHOWN ON THE PLAN SHALL TAKE PRECEDENCE OVER THE MATERIAL SCHEDULE.
- NO SUBSTITUTIONS AS TO TYPE, SIZE, OR SPACING OF PLANT MATERIALS SPECIFIED ON THIS PLAN MAY BE MADE WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES. TAKE CARE TO PROTECT UTILITIES THAT ARE TO REMAIN, REPAIR ANY DAMAGE ACCORDING TO LOCAL STANDARDS AND AT CONTRACTOR'S EXPENSE. COORDINATE ALL CONSTRUCTION WITH THE APPROPRIATE UTILITY COMPANY.
- ALL PLANTING BEDS TO RECEIVE "CHANCELLOR" HARDWOOD MULCH. MULCH TO BE INSTALLED TO 4" DEPTH UNLESS OTHERWISE INDICATED ON THE PLANTING DETAILS.
- NEW TREE PLANTINGS TO BE STAKED PER PLANTING DETAILS
- DIMENSIONS LISTED FOR HEIGHTS, SPREAD AND TRUNK SPECIFICATIONS ON THE PLANT MATERIAL SCHEDULE ARE GENERAL GUIDE FOR THE MINIMUM REQUIRED SIZE OF EACH PLANT.
- PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL PLANTING BEDS IMMEDIATELY PRIOR TO PLACEMENT OF MULCH FOR WEED CONTROL.
- ALL DISTRUBED AREAS OF THE SITE ARE TO BE SEEDED AND/OR SODDED IN ACCORDANCE WITH THE SPECIFICATIONS.
- NO EXCAVATION OR PLANTING PIT SHALL BE LEFT OPEN OVERNIGHT.
- THE LANDSCAPE CONTRACTOR SHALL OBTAIN ANY NECESSARY PERMITS, LICENSES, ETC. AND SHALL GIVE ALL NOTICES AND COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, CODES, RULES AND REGULATIONS DURING THE COURSE OF THE INSTALLATION OF THIS PROJECT.
- ALL PLANT MATERIALS TO BE NURSERY GROWN AND TO COMPLY WITH THE AMERICAN STANDARD FOR NURSEY STOCK FOR SIZE AND QUALITY.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL OR ANY DEFECTIVE WORKMANSHIP.
- ALL PLANTS SHALL HAVE A WELL-FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
- MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY PERCENT (50%) OF THIS YEARS VERTICAL GROWTH (TOP CANDLE).
- THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OR OWNER PRIOR TO OPENING ANY PLANT PITS.
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL FILL THE BOTTOM OF SELECTED HOLES WITH SIX INCHES OF WATER. THIS WATER SHOULD PERCOLATE OUT WITHIN A 24-HOUR PERIOD. THE OWNER OR LANDSCAPE ARCHITECT SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT A GIVEN AREA DOES NOT DRAIN PROPERLY, A P V C DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTING RELOCATED.
- SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR OTHER SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARD PAN, STEAM OF OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS, OTHERWISE THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
- NO MATERIAL SHALL BE PLANTED BEFORE FINISH GRADING HAS BEEN COMPLETED.
- EXISTING TREES TO BE PRESERVED ARE TO BE BARRICADED BEFORE BEGINNING CONSTRUCTION. IN ACCORDANCE WITH THE TREE PRESERVATION NOTES AND DETAILS ON THE LANDSCAPE PLAN.
- SELECTIVE CLEARING CONSISTING OF REMOVAL OF VINES, SAPLINGS UNDER 1" DIAMETER AND UNDERBRUSH SHALL BE PERFORMED IN TREE PRESERVATION AREAS INTERNAL TO THE PROJECT AND NOTED ON PLANS.
- PLANTS IDENTIFIED IN ALTERNATE AREAS ARE TO BE BID SEPARATELY.
- ALL BEDS ARE TO BE TILLED TO A DEPTH OF 8" WITH THE ADDITION OF: (1) 6 CU. FT. BALE OR SPHAGNUM PEAT MOSS PER 40 SQ. FT. OF BED AREA; (25#) 10-10-10 FERTILIZER PER 1000 SQ. FT. If azaleas, rhododendrons or PIERIS ARE USED, ADD 1 3 CU. FT. FINELY GROUND "PINE" BARK MULCH PER 25 SQ. FT. OF BED AREA. ALL ADDITIONS ARE TO BE SPREAD AND TILLED INTO THE SOIL UNIFORMLY.
- CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT WHEN THE PLANT MATERIALS ARE AVAILABLE AT THE JOB SITE FOR REVIEW BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

IRRIGATION NOTES

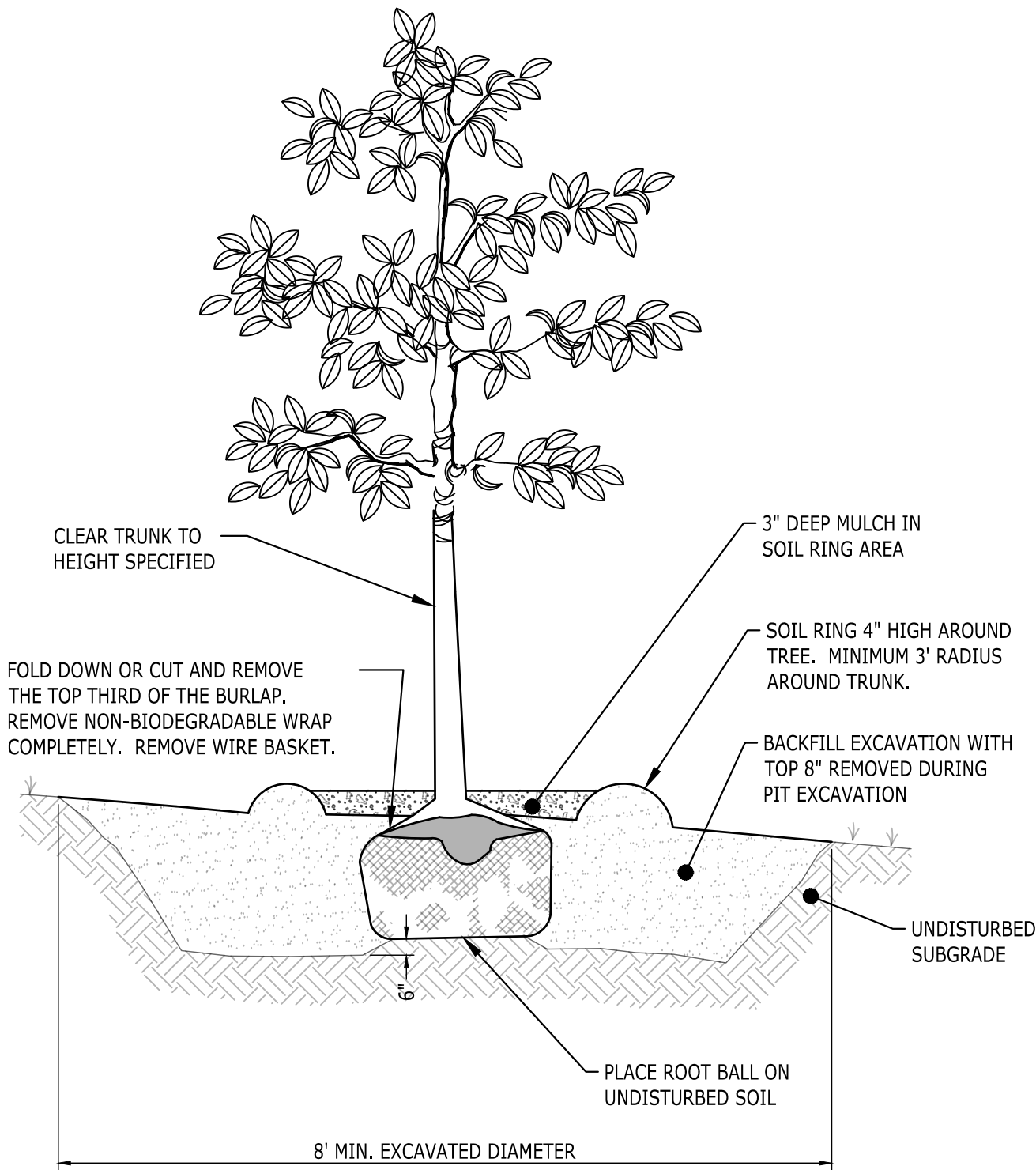
- LANDSCAPE CONTRACTOR TO PROVIDE IRRIGATION SYSTEM ON A DESIGN/BUILD ARRANGEMENT FOR AREA NOTED ON THE PLAN. CONTRACTOR TO PREPARE DESIGN DRAWINGS IN ACCORDANCE WITH PERFORMANCE SPECIFICATIONS CONTAINED IN THE PROJECT MANUAL AND SUBMIT SAME FOR APPROVAL BY THE OWNER'S REPRESENTATIVE PRIOR TO CONSTRUCTION.
- CONTRACTOR TO CONFIRM ADEQUATE PRESSURE EXISTS TO OPERATE SYSTEM PRIOR TO INSTALLATION.
- IRRIGATION SPRINKLER HEADS SHALL BE MANUFACTURED BY EITHER TORO OR RAINBIRD. IRRIGATION CONTROLLER SHALL BE TORO VISION II MODEL OR APPROVED EQUAL.
- MAIN LINE TO BE CLASS 200 PVC PIPE. LATERAL LINES TO BE CLASS 150 PVC.
- IRRIGATION SYSTEM TO BE OPERATIONAL BEFORE PLANTING MATERIALS MAY BE INSTALLED IN PLANTING BEDS.
- INSTALL SPRINKLER HEADS ACCORDING TO MANUFACTURERS SPECIFICATIONS. FLUSH ALL LINES BEFORE INSTALLING NOZZLES.
- WIRE CONNECTIONS TO BE MADE BY USING RAINBIRD MODEL ST-103/PT-ST SNAP-TITE CONNECTIONS.
- LEAVE 18 INCHES OF ADDITIONAL WIRE AT EACH VALVE LOCATION. ROLL WIRE INTO COIL AT EACH LOCATION.
- ALL VALVES SHALL BE LOCATED IN AMATEX 10 INCH CIRCULAR VALVE BOXES WITH COVER, OR EQUAL.
- IRRIGATION CONTRACTOR TO COORDINATE PLACEMENT OF REQUIRED SLEEVES WITH GENERAL CONTRACTOR PRIOR TO PAVING AND CONCRETE INSTALLATION BEING COMPLETED.



SHRUB PLANTING
NO SCALE

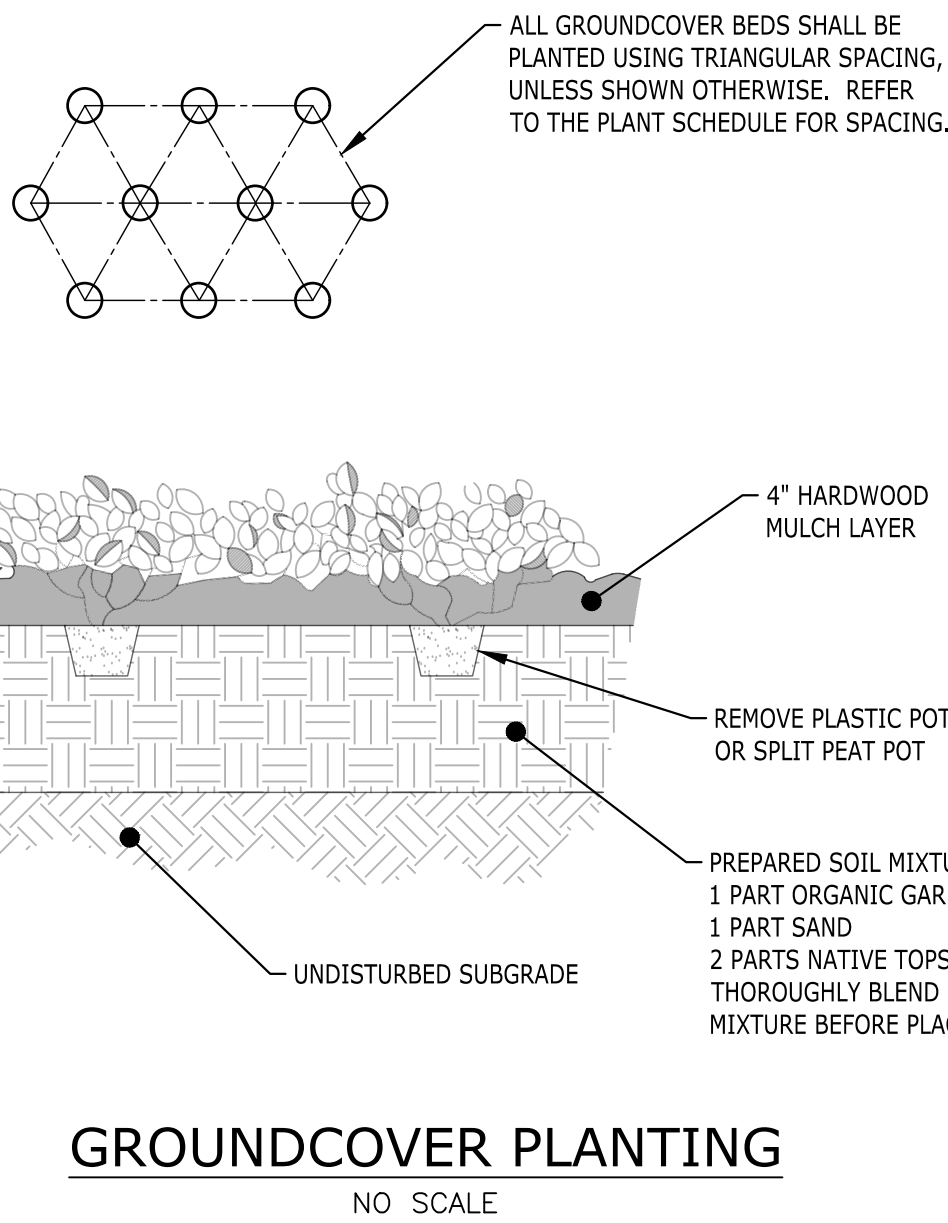


STEEL BED EDGING
NO SCALE



- NOTES:
- SCARIFY THE EDGES OF THE EXCAVATED PIT AND TAKE ALL NECESSARY MEASURES TO ASSURE ADEQUATE DRAINAGE.
 - TO ENSURE SUCCESSFUL ESTABLISHMENT OF ALL TREES PLANTED OUTSIDE THE LIMITS OF IRRIGATION EVERY SUCH TREE SHALL BE FITTED WITH A SLOW-RELEASE WATERING SYSTEM SUCH AS "TREEGATOR BAGS" OR AN APPROVED EQUAL.
 - AS PART OF THE MAINTENANCE PLAN IT IS RECOMMENDED THAT ALL TREES OUTSIDE THE LIMITS OF IRRIGATION BE WATERED A MAXIMUM OF TWO TIMES PER WEEK DURING DRY SEASONS AND ONE TIME PER WEEK DURING WET SEASONS FOR A MINIMUM OF TWO YEARS FROM THE DATE OF INSTALLATION.
 - IT IS THE OWNER'S RESPONSIBILITY TO COORDINATE AND SCHEDULE TREE MAINTENANCE.

CANOPY TREE PLANTING
NO SCALE



GROUNDCOVER PLANTING
NO SCALE

△ DATE	DESCRIPTION
△	
△	
△	
△	
△	
△	
△	
△	

CONTRACT DATE:	03/21/18
BUILDING TYPE:	FCD 24
PLAN VERSION:	015.00.01
SITE NUMBER:	313144
STORE NUMBER:	XXXXX

PIZZA HUT
170 GATE CITY HIGHWAY BRISTOL, VIRGINIA 24201

PIZZA HUT
FCD 24 015.00.01

LANDSCAPE
DETAILS

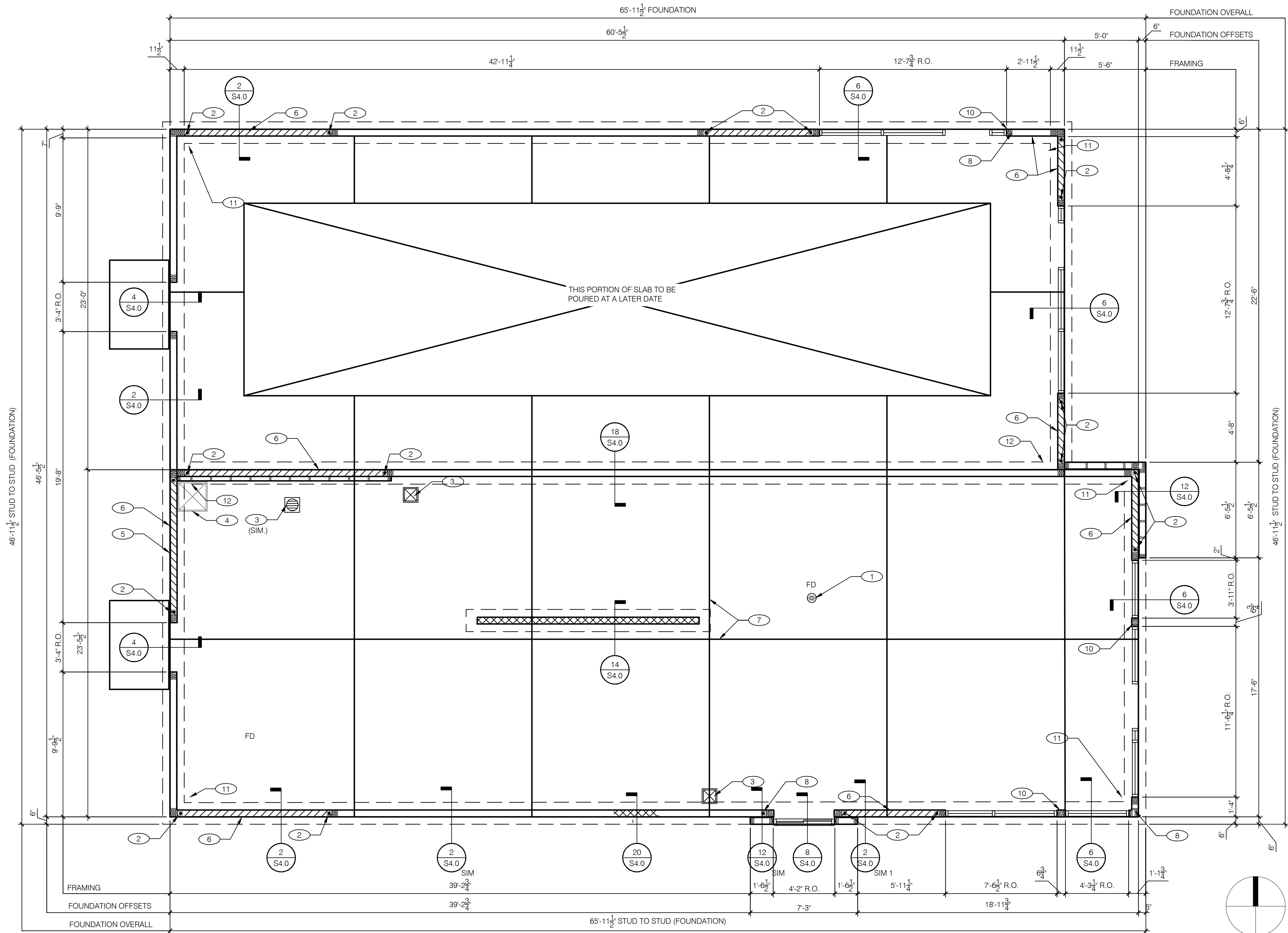
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2/16/2019 2:30 PM J:\Architect\The McIntosh Group\10000_00_Pizza Hut\Elintah V\002_Design\FND\2019_245_S1_2.dwg, Graphic User

BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE, RISK CATEGORY II
WIND SPEED: 115 MPH 3 SECOND GUST/ EXPOSURE 'C'/ GCp= 0.18
SNOW LOAD: Pg = 15 psf/ Ct=1.0 / Ce=1.0
ROOF LIVE LOAD: 20 PSF
ROOF DEAD LOAD: 20 PSF
EARTHQUAKE DESIGN CRITERIA:
SITE CLASS: D
USE GROUP: I
DESIGN CATEGORY: C
RESPONSE MODIFICATION FACTOR (R)=7.0
S_{DS} = 0.286
S_{DI} = 0.1
C_s = 0.01
V = 0.019W
SPECIAL INSPECTION SHALL BE PROVIDED ACCORDING TO CHAPTER 17 OF THE 2012 IBC

DESIGN CRITERIA

4



FOUNDATION PLAN NOTES

1/4"=1'-0"

3

- MISCELLANEOUS:
- DIMENSIONS NOTED ARE TO FACE OF CONCRETE WHICH EQUALS OUTSIDE FACE OF STUD. REFER TO DWG. A1.0 FOR OTHER DIMENSIONS NOT OTHERWISE NOTED.
 - DRAWINGS SHALL NOT BE SCALED. ALL DIMENSIONS AND FIT SHALL BE DETERMINED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
 - DETAILS NOT FULLY OR SPECIFICALLY SHOWN SHALL BE OF SAME NATURE AS OTHER SIMILAR CONDITIONS.
 - ELEVATIONS ON PLANS AND DETAILS ARE TO HEIGHTS ABOVE TOP OF SLAB ELEV. REFERENCE 100'-0"
 - SEE PLUMB. DWGS. FOR PLUMB. LAYOUT DIMENSIONS, U.N.O.
 - SEE ELECT. DWGS. FOR ELECT. LAYOUT DIMENSIONS, U.N.O.
 - COORD. FOUNDATION AND SLAB LAYOUT WITH OTHER TRADES PRIOR TO POURING SLAB.

FOUNDATION DESIGN AND SITEWORK FOR BUILDING

- FOUNDATION DESIGN IS BASED ON RECOMMENDATIONS CONTAINED IN A GEOTECHNICAL INVESTIGATION REPORT BY: GEOSERVICES, LLC ; DATED: MAY 01, 2018; REPORT NO.: 54-18038.
- FOUNDATION DESIGN IS BASED ON AN ALLOWABLE BEARING PRESSURE OF 2,000 PSF FOUNDED AT LEAST 1.5 FEET BELOW LOWEST ADJACENT FINISHED GRADE. CONTINUOUS STRIP FOOTINGS AND COLUMN FOOTING WIDTHS SHALL BE 18 AND 24 INCHES (MINIMUM), RESPECTIVELY.
- THE CONTRACTOR SHALL READ THE SOILS REPORT REFERENCED ABOVE AND THOROUGHLY FAMILIARIZE HIMSELF WITH ALL SITE AND SUBGRADE PREPARATION RECOMMENDATIONS CONTAINED THEREIN. INFORMATION CONTAINED IN THE FOUNDATION DESIGN AND SITEWORK FOR BUILDING SECTION OF THE STRUCTURAL NOTES REPRESENTS A GENERAL OVERVIEW OF SITE WORK TO BE PERFORMED, AND SHALL NOT BE USED AS A SUBSTITUTE FOR THE SOILS REPORT REFERENCED ABOVE.
- REMOVE ALL VEGETATION AND DEBRIS, INCLUDING PAVEMENTS, SIDEWALKS, BUILDING FOUNDATIONS, AND ABANDONED UTILITIES.
- OVER-EXCAVATE AND REPLACE WITH X FEET OF SELECT, NON-EXPANSIVE MATERIAL PER SOILS REPORT. THE EXCAVATION SHALL EXTEND A MINIMUM HORIZONTAL DISTANCE OF FIVE (5) FEET BEYOND THE PROPOSED BUILDING PERIMETER.
- SUBGRADES WITHIN THE PROPOSED BUILDING AREA SHOULD BE PROFFEROLLED, IN THE PRESENCE OF THE GEOTECHNICAL ENGINEER, WITH APPROPRIATE RUBBER-TIRE MOUNTED HEAVY CONSTRUCTION EQUIPMENT OR A LOADED DUMP TRUCK TO DETECT LOOSE YIELDING SOILS WHICH MUST BE REMOVED TO A STABLE SUBGRADE.
- PLACE FILL IN MAXIMUM NINE (9) INCH LOOSE LIFTS. FILL SHALL MEET THE SPECIFICATIONS STATED IN THE SOIL REPORT AND SHALL BE MOISTURE CONDITIONED AND COMPACTED AS REQUIRED IN THE SOIL REPORT. ON-SITE SOILS MAY BE USED AS STRUCTURAL FILL PROVIDED THEY ARE FREE OF ANY DELETERIOUS MATERIAL.
- DURING WET WEATHER, SUBGRADE STABILITY PROBLEMS SHOULD BE EXPECTED. IN THE EVENT THE SUBGRADE IS EXPOSED TO SIGNIFICANT INCREASES IN MOISTURE AND SUBGRADE STABILITY PROBLEMS DEVELOP, OVEREXCAVATION SHOULD BE EXPECTED TO ACHIEVE A STABLE SUBGRADE. REFERENCE THE SOIL REPORT FOR ALTERNATIVE TO OVEREXCAVATION OF WET BEARING SOILS.
- PROVIDE POSITIVE DRAINAGE AWAY FROM EXCAVATIONS SO AS NOT TO ALLOW STANDING WATER FOR LONG PERIODS OF TIME.
- PROVIDE A VAPOR BARRIER CONSISTING OF 6 MIL POLYETHYLENE SHEETING PLACED DIRECTLY BELOW THE SLAB.
- DO NOT PUNCTURE THE VAPOR BARRIER, LAP AND TAPE ENDS.
- PERFORM ALL SITEWORK UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER.
- REFERENCE THE SOILS REPORT FOR ANY QUESTIONS CONCERNING SUBGRADE PREPARATION, SITE CONDITIONS OR FOUNDATION PLACEMENT.

CONCRETE:

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

MIN. STRENGTH	AGGREGATE	SLUMP
LOCATION	28 DAYS PSI	SIZE - INCHES
SLAB ON GRADE	(3500 DESIGN)	1" x #4
FOUNDATIONS	(3000 DESIGN)	1" x #4
- CONCRETE MIX DESIGN AND TESTING SHALL MEET WITH THE REQ'S OF CHAPTERS 17 AND 19 OF THE 2012 I.B.C. AND THESE SPECS. CEMENT SHALL BE IN ACCORDANCE WITH ASTM C 150 TYPE II. VERIFY MIN. CONC. STRENGTH AND CEMENT TYPE WITH THE SULFATE REQ'S OF THE 2012 I.B.C.
- REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60. STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.
- SLABS, BEAMS, WALLS, AND OTHER CONC. SHALL BE KEPT CONTINUOUSLY WET FOR 48 HRS AFTER PLACEMENT, AND SHALL BE KEPT DAMP FOR 7 DAYS AFTER PLACEMENT. SLABS SHALL HAVE CURE / SEALER APPLIED IMMEDIATELY AFTER FINISHING IF OTHER FINISHES ARE NOT AFFECTED. WHEN CURE SEALER CANNOT BE APPLIED, SLAB SHALL BE KEPT CONTINUOUSLY WET OR COVERED WITH CURING PAPER. CURE SHALL BE OF A TYPE THAT WILL NOT BE DETRIMENTAL TO SEALERS TO BE APPLIED LATER.
- ANCHOR BOLTS - F 1554 OR A307, USE 5/8" DIAMETER x 12" ANCHOR BOLTS (A.B.) AT 32" O.C. U.N.O. ANCHOR BOLTS SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONC.

SLAB:

- 4" THICK CONC. SLAB REINF. W/ #3 BARS @ 18" O.C.E.W. PLACED 1 1/2" FROM TOP OF SLAB OVER 6 MIL VISQUEEN MEMBRANE; OVER 4" AGGREGATE BASE.

FOUNDATION PLAN NOTES

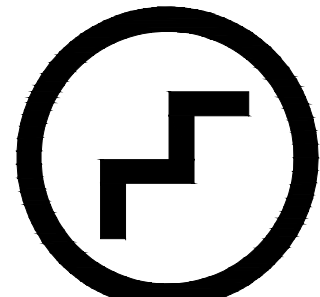
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- SLAB SHALL BE PITCHED 1/2" FOR 5'-0" DIA. AT ALL FLOOR DRAINS U.N.O. VERIFY LOCATIONS WITH PLUMBING DRAWINGS.
- SHEARWALL. HOLDDOWN ANCHOR PER SCHEDULE 4/S2.0. SEE 10/S4.0A, 20/S4.1
- INDICATES FLOOR SINK. VERIFY LOCATIONS WITH PLUMBING DRAWINGS.
- FLOOR DRAIN AT MOP SINK.
- REFER TO 6/S4.0A FOR TYPICAL PLUMBING PENETRATION REQUIREMENTS THRU EXTERIOR OR INTERIOR GRADE BEAMS.
- SHEARWALL. REFER TO SCHEDULE ON S2.0.
- PROVIDE SAWCUT CONTROL JOINTS IN SLAB AT MAXIMUM SPACING OF 3 TIMES SLAB THICKNESS IN FEET (I.E. 4" SLAB THICKNESS = 12'-0" MAX O.C. SPACING) REFER TO 5/S4.0A.
- SIMPSON HDU2-SDS2.5 HOLDDOWN. REF. 10/S4.0 AND 10/S4.0A.
- NOT USED
- SIMPSON LSTD8 STRAP TIE HOLDDOWN. REF. 16/S4.0
- REFER TO 4/S4.0A FOR TYPICAL CORNER REINFORCING REQUIREMENT AT GRADE BEAM CORNER.
- REFER TO 3/S4.0A FOR TYPICAL CORNER REINFORCING REQUIREMENT AT GRADE BEAM INTERSECTION.

KEY NOTES

2

McIntosh



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Tulsa, Oklahoma 74119
Telephone 918.585.8555
Telefax 918.583.7282

ELIAS RUNAR JOHANSSON PE

1201 East 3rd Street
Tulsa, OK 74120
918.518.1124



07/15/2019

DATE	DESCRIPTION
6/3/19	DESIGN COMMENTS

CONTRACT DATE: 05.08.19
BUILDING TYPE: DELCO LITE
PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



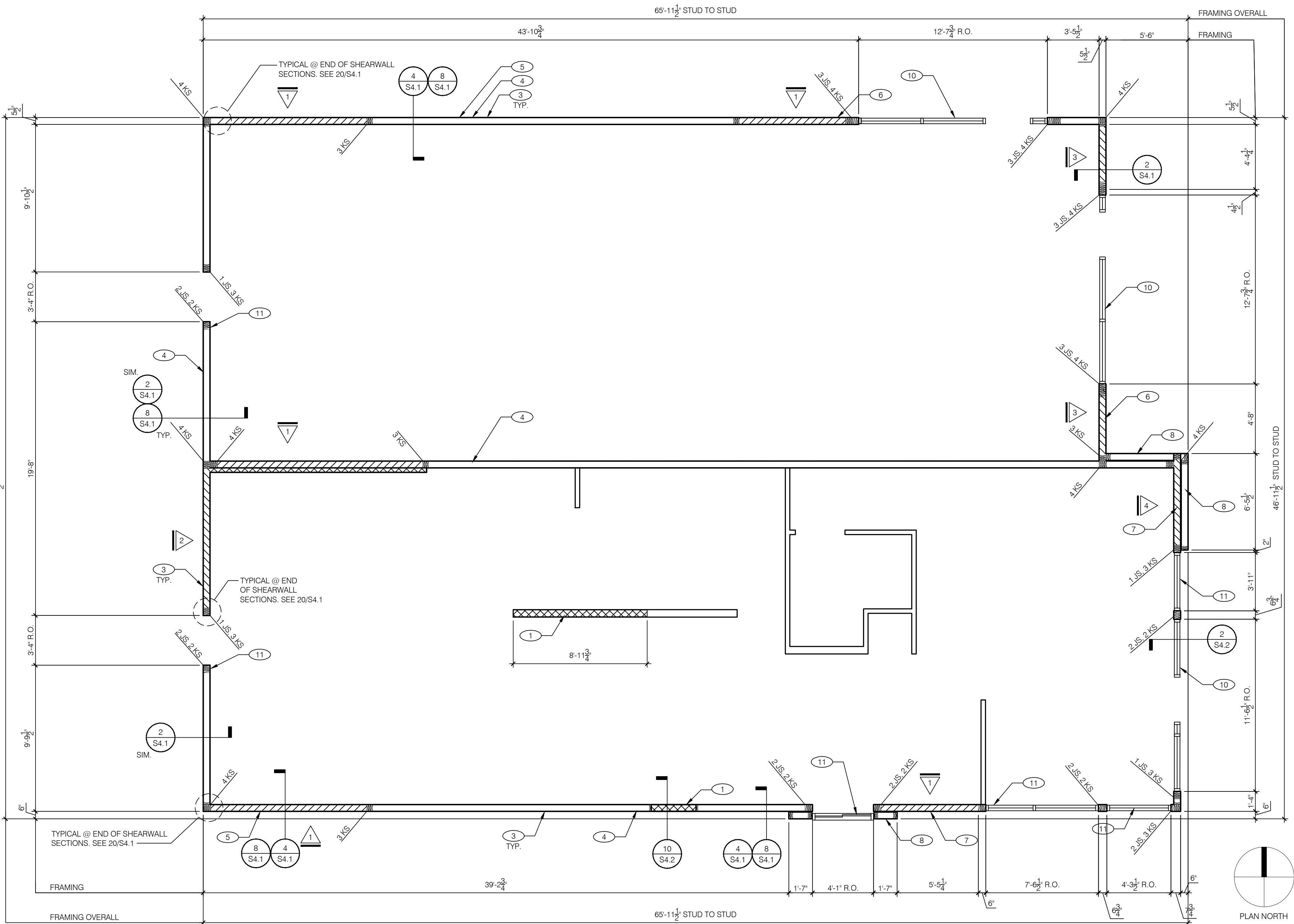
DELCO LITE
001.03.00

FOUNDATION
PLAN

S1.0

PLOT DATE: 5/09/19

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

- WALL FRAMING:
- A. WOOD FRAMING SHALL BE NO. 2 SOUTHERN PINE, NO. 2 DOUGLAS FIR LARCH, OR EQUIVALENT (U.N.O.) PERIMETER STUDS SHALL BE NO. 2 SOUTHERN PINE, NO. 2 DOUGLAS FIR OR EQUIVALENT. INTERIOR STUDS SHALL BE STUD GRADE.
- 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 (U.N.O.).
- D. EXTERIOR STUD WALLS ARE 2x6 AT 16" O.C. U.N.O. LOCATE MIN. (1) STUD BELOW EACH TRUSS, 2 STUDS UNDER DBL TRUSS AND BEAM BEARING.
- E. ALL WOOD IN CONTACT WITH CONC., STEEL OR GRADE SHALL BE PRESSURE 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. SEE SHEARWALL SCHEDULE AND SHEARWALL SCHEDULE NOTES FOR PLATE SIZES.
- I. WOOD FRAMING SHALL COMPLY WITH THE SOUTHERN PINE INSPECTION BUREAU, OR SHALL CONFORM TO SPECIFICATIONS AS PUBLISHED BY THE WESTERN WOOD PRODUCTS ASSOCIATION.

- 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.
- C. LAYOUT STUDS TO ALIGN WITH TRUSSES. PROVIDE DOUBLE STUDS AT DOUBLE TRUSSES AND BEAM BEARING, TYPICAL. ADDITIONAL STUDS AS REQUIRED. COORDINATE W/ ROOF FRAMING PLAN.

FRAMING PLAN NOTES

2

- (1) METAL STUD WALL AT HOOD. USE #8 SCREW TO REPLACE NAILS IN EXTERIOR SHEAR PANEL AT SAME SPACING. (SEE ARCHITECTURAL FOR DIMENSIONS.)
- (2) INTERIOR NONBEARING STUD WALL FRAMING REFER TO SHEET A1.0 FOR DIMENSIONS AND STUD SIZES. SEE DETAIL 13 & 14/S4.1 AND WALL FRAMING NOTES.
- (3) (2) 2x6 TOP PLATES - SPLICE PER 15/S4.1.
- (4) TOP OF PLATE ELEVATION 113'-3 1/4" = TRUSS BEARING.
- (5) TOP OF PLATE ELEVATION 117'-8" @ UPPER PLATE.
- (6) TOP OF PLATE ELEVATION 118'-2" @ UPPER PLATE.
- (7) TOP OF PLATE ELEVATION 121'-6" @ UPPER PLATE.
- (8) TOP OF PLATE ELEVATION 124'-0" @ UPPER PLATE.
- (9) NOT USED
- (10) HEADER - (3)- 1 3/4"x11 1/4" LVL
- (11) HEADER - (3)-2x8 W/ 1/2" PLYWOOD SPACERS
- (12) JS = JACK STUD, KS = KING STUD

KEY NOTES

3

SW	PANEL EDGE NAIL SPACING	HOLDOWN	SILL ANCHOR	REMARKS
	10d @ 6" O.C.	HDU4-SDS2.5	5/8" DIA. A307 @ 32" O.C. W/ WASHER	
	10d @ 4" O.C.	HDU8-SDS2.5	5/8" DIA. A307 @ 16" O.C. W/ WASHER	
	10d @ 6" O.C.	HDU11-SDS2.5	5/8" DIA. A307 @ 32" O.C. W/ WASHER	
	10d @ 3" O.C.E.F.	HDU14-SDS2.5	5/8" DIA. A307 @ 8" O.C. W/ WASHER	SEE NOTE #10

- NOTES:
1. USE 1/2" CDX PLYWD. (24#), PS1 RATING.
2. OSB OF COMPARABLE THICKNESS MAY BE USED IN LIEU OF PLYWOOD WHEN APPROVED IN WRITING BY THE PROJECT ENGINEER AND THE LOCAL JURISDICTION.
3. BLOCK ALL UNSUPPORTED EDGES WITH 2x MATERIAL U.N.O. BLOCK EDGES WITH 3x MATERIAL WHERE 10d NAILING IS 3" O.C. OR LESS OR WHERE NAILING IS ON BOTH SIDES OF SHEARWALL.
4. ALL PLYWOOD NAILS SHALL BE COMMON WIRE. SEE SPECIFICATIONS FOR OTHER NAIL REQUIREMENTS.
5. EXTERIOR WALLS NOT DESIGNATED AS SHEARWALLS IN THE WALL FRAMING PLAN SHALL HAVE 10d @ 6" O.C. EDGE NAILING.
6. FACE NAILING FOR ALL WALLS SHALL BE 10d @ 12" O.C.
7. SHEARWALL LENGTHS WHERE NOTED ARE MINIMUM. DO NOT LOCATE HOLDOWNS FROM THESE DIMENSIONS. SEE ARCH DWGS FOR ACTUAL WALL LENGTHS. SEE S1.0 FOR HOLDOWN LOCATIONS.
8. HDU REFERS TO SIMPSON STRONGTIE CO. HOLDOWNS. INSTALL PER 10/S4.0A.
9. EDGE NAIL WALL PLY TO STUDS OR POSTS WITH HOLDOWNS.
10. 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.
11. WHERE PANELS ARE APPLIED TO ONE FACE OF A WALL ONLY WITH 10d @ 3" O.C. OR LESS, FRAMING AT ADJOINING PANEL EDGES SHALL BE 3 INCHES NOMINAL OR WIDER AND NAILS SHALL BE STAGGERED.

WALL SHEATHING AND SHEARWALL SCHEDULE

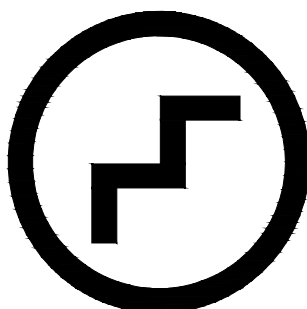
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- ////// SHEAR WALL
- XXXXXX METAL STUD WALL
- TYPICAL NON-RATED, NON-LOAD BEARING

LEGEND

5

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07/15/2019

△ DATE	DESCRIPTION
6/3/19	DESIGN COMMENTS
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CONTRACT DATE: 05.08.19
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PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

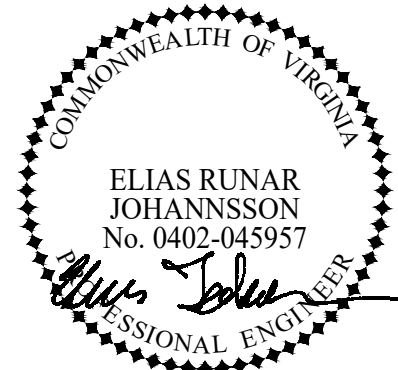


DELCO LITE
001.03.00

WALL FRAMING PLAN

S2.0

PLOT DATE: 5/09/19



07/15/2019

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PIZZA HUT

170 GATE CITY HIGHWAY
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DELCO LITE
001.03.00

ROOF FRAMING PLAN S3.0

PLOT DATE: 5/09/19

NOTES:
1. REF, 13/S4.2
2. B.N.= BOUNDARY NAILING
3. E.N.= EDGE NAILING
4. F.N.= FIELD NAILING

ROOF FRAMING NOTES

- A. ALL UNSUPPORTED EDGES OF PLYWOOD SHEATHING SHALL BE BLOCKED WITH 2x4 INSTALLED FLAT. PLYWOOD MTL CLIPS ARE NOT PERMITTED. 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.N.O.

MANUFACTURED ROOF TRUSS NOTES:

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

- B. "T-#" DENOTES ROOF TRUSS TYPE. REFER TO SCHEDULE 11/S4.2

- 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 APPROVAL. THE REVIEW AND APPROVAL SHALL BE IN WRITING, PRIOR TO FABRICATION. SHOP DWGS SHALL INCLUDE LAYOUT PLAN AND CONNECTIONS. CALCS SHALL BE BASED ON THE SPECIFIED LOADING CONDITIONS SHOWN HEREIN. MFR SHALL PROVIDE HANGERS AND CONNECTIONS BETWEEN TRUSSES. G.C. SHALL 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 FOR ALL TRUSS TO TRUSS, TRUSS TO BEAM, AND BEAM TO TRUSS CONNECTIONS. 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 3/S4.2.

- G. SEE TRUSS DESIGN CRITERIA 4/S4.2 FIR MFR'D ROOF TRUSS DESIGN LOADS.

- 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. TRUSS MFR SHALL REVIEW AND DESIGN TRUSSES INCLUDING WIND LOAD PERPENDICULAR TO TRUSS PARAPET ENDS.

- J. DESIGN ROOF TRUSSES TO SUPPORT ALL IMPOSED 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.

- K. 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.

- L. IMPROPER HANDLING OF THE TRUSSES AS NOTED ABOVE AND IN THE SPECS SHALL MEAN REMOVAL OF THE TRUSSES FROM THE JOBSITE AND REPLACEMENT AT CONTRACTOR'S EXPENSE.

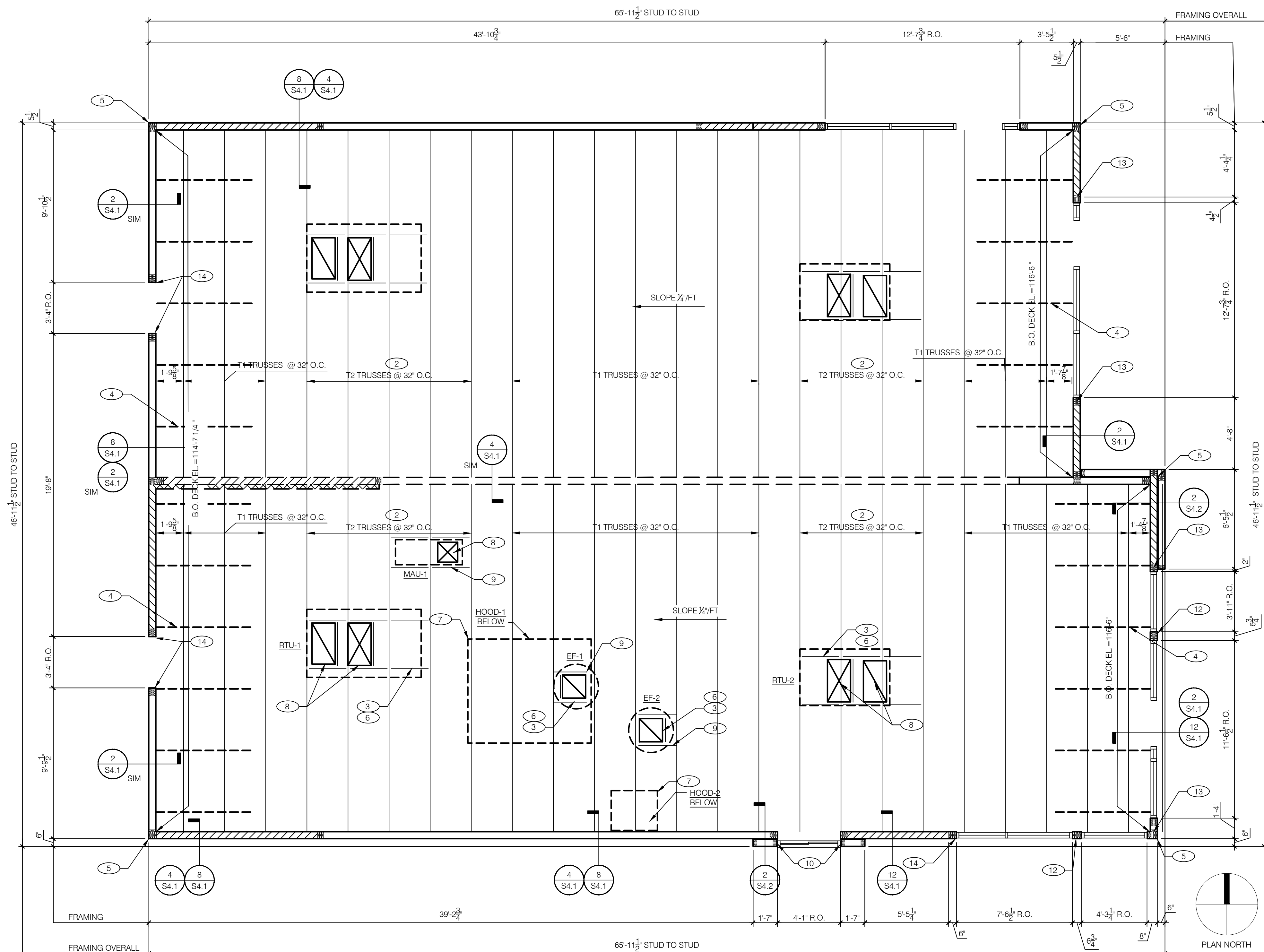
- M. SEE DIV. 6 OF THE SPECS FOR DETAILS ON TRUSS MANUFACTURING AND NAILING.

- N. EXHAUST DUCT OPENINGS SIZED FOR "DUCT WRAP", ADJUST ROUGH OPENINGS AS REQUIRED WHERE 1-HR DUCT SHAFT CONSTRUCTION IS REQUIRED BY LOCAL CODE. REFER TO MECHANICAL DRAWINGS.

3

- 1 STARTING POINT OF TRUSS LAYOUT - DIMENSION IS FROM INSIDE FACE OF WALL FRAMING TO CENTER LINE OF TRUSS.
- 2 VERIFY NECESSITY OF DOUBLE TRUSSES WITH TRUSS MFR. TYPICAL.
- 3 ALIGN BLOCKING WITH EXHAUST AND SUPPLY DUCT OR UNIT CURB.
- 4 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.
- 5 SIMPSON MSTA 24 AT CORNER DBL TOP PLATE. CENTER STRAP ON CORNER.
- 6 4x6 BLOCKING W/ LUS46 HANGERS W/ 10d x1½" NAILS TYP. BLKG. BELOW ALL ROOF TOP EQUIPMENT.
- 7 LOCATION OF HOODS. SEE HOOD DRAWINGS FOR HOOD ATTACHMENT DETAILS. SEE DETAIL 17/S4.1 FOR ATTACHMENT TO STRUCTURE.
- 8 HVAC ROOF OPENING FOR DUCT. VERIFY SIZE WITH HVAC MFR. SEE 15/S4.2 FOR NAILING REQUIREMENTS TO BLOCKING.
- 9 EXHAUST DUCT OPENINGS SIZED FOR "DUCT WRAP". ADJUST ROUGH OPENINGS AS REQUIRED WHERE 1-HR DUCT SHAFT CONSTRUCTION IS REQUIRED BY LOCAL CODE. REFER TO MECH. DWGS. USE 4x6 BLKG. AT ALL ROOF OPENINGS. ATTACH W/ LUS46 HANGER W/ 10d x1½" NAILS. SEE 15/S4.2 FOR NAILING REQUIREMENTS TO BLOCKING.
- 10 HEADER/BEAM ATTACHMENT TO STUD PACK REF. 20/S4.2.
- 11 NOT USED
- 12 STUD PACK TO HEADER ATTACHMENT. REFER TO 12/S4.2.
- 13 HEADER/BEAM ATTACHMENT TO STUD PACK. REFER TO 10/4.1.
- 14 HEADER/BEAM ATTACHMENT TO STUD PACK. REFER TO 18/4.1.

4



**EXTREME CARE SHALL BE USED IN
ERECTING ROOF TRUSSES - COMPLY WITH
TPI BRACING REQUIREMENTS.**

LEGEND:

 SHEAR WALL

XXXXXX METAL STUDS

☐ TYPICAL NON-RATED
NON-LOAD BEARING

PLAN NORTH

PLAN NORTH

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

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NOT USED

17

NOT USED

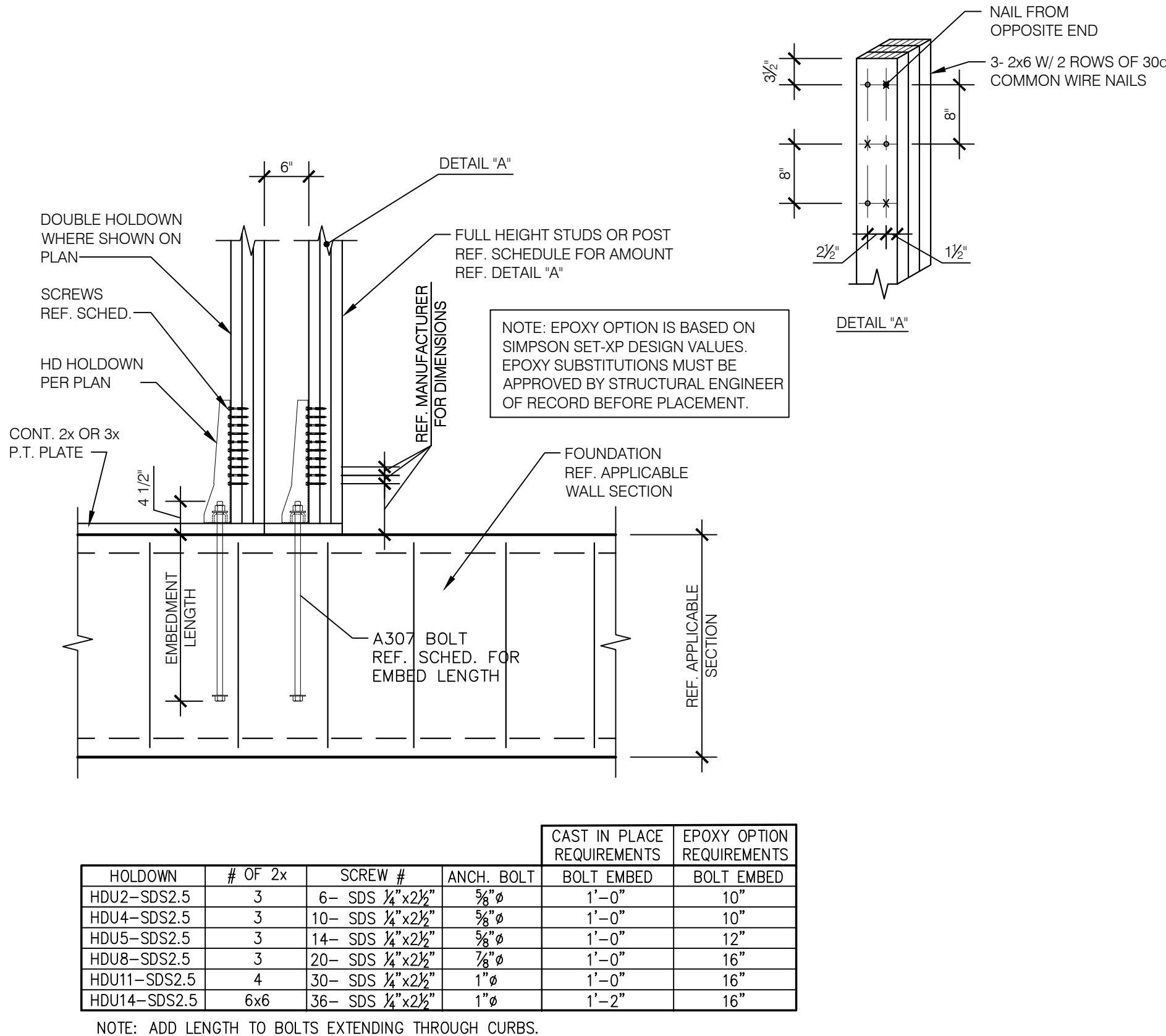
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NOT USED

19

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20



TYPICAL HOLDOWN DETAIL 3/4"=1'-0"

10

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15

NOT USED

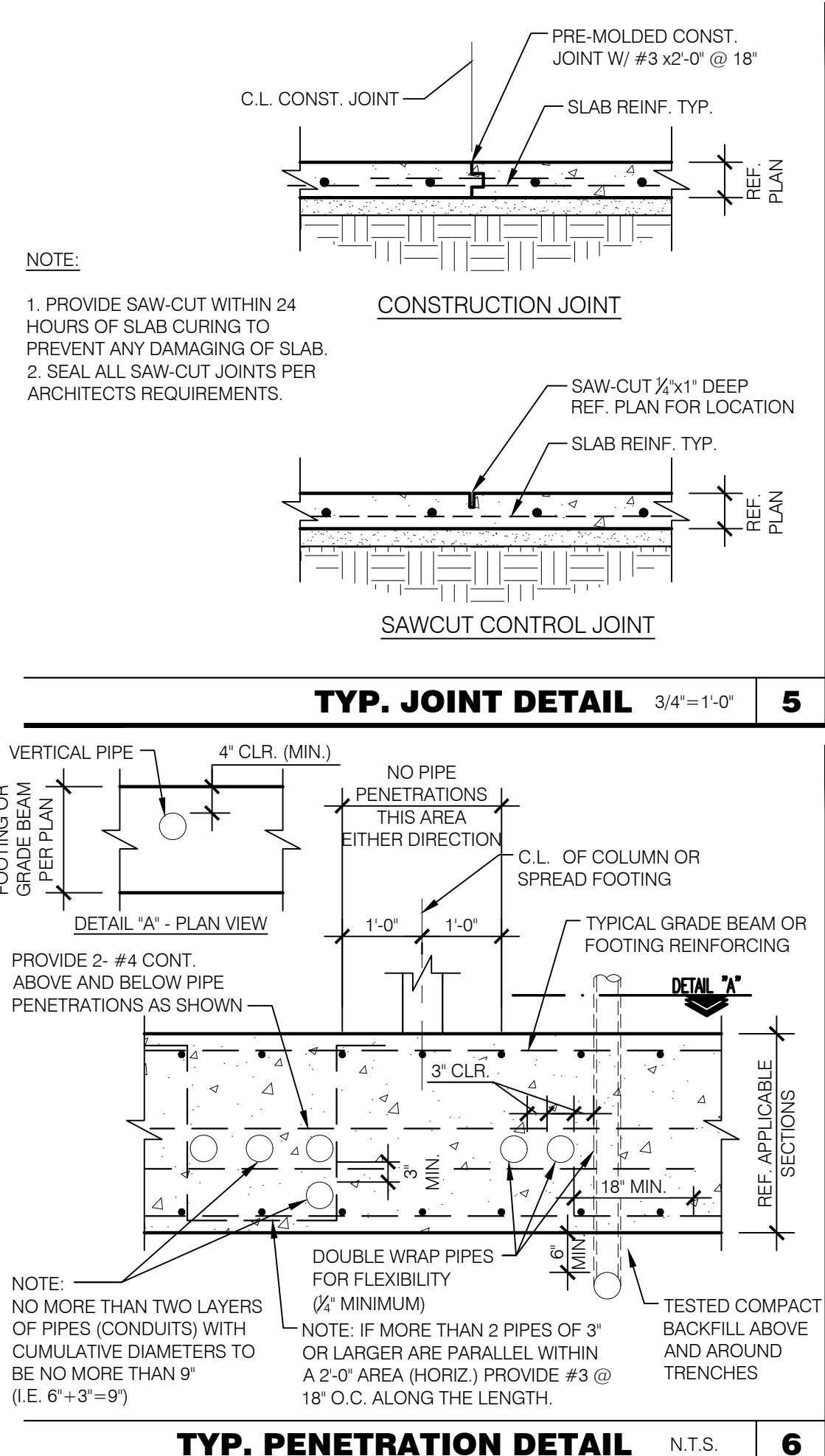
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11

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12



TYP. PENETRATION DETAIL N.T.S.

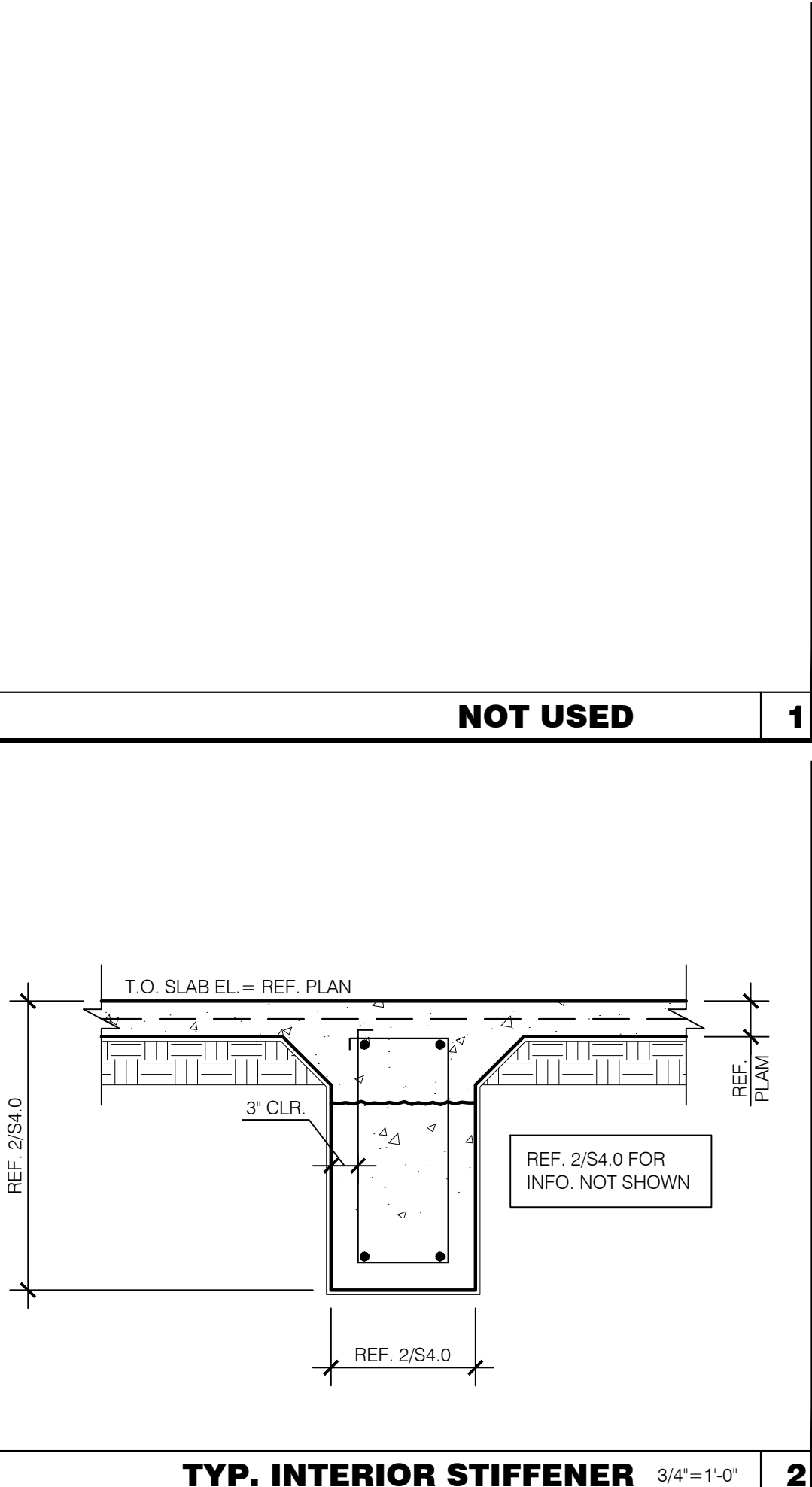
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TYP. LIGHT POLE DETAIL N.T.S.

7

NOT USED

8

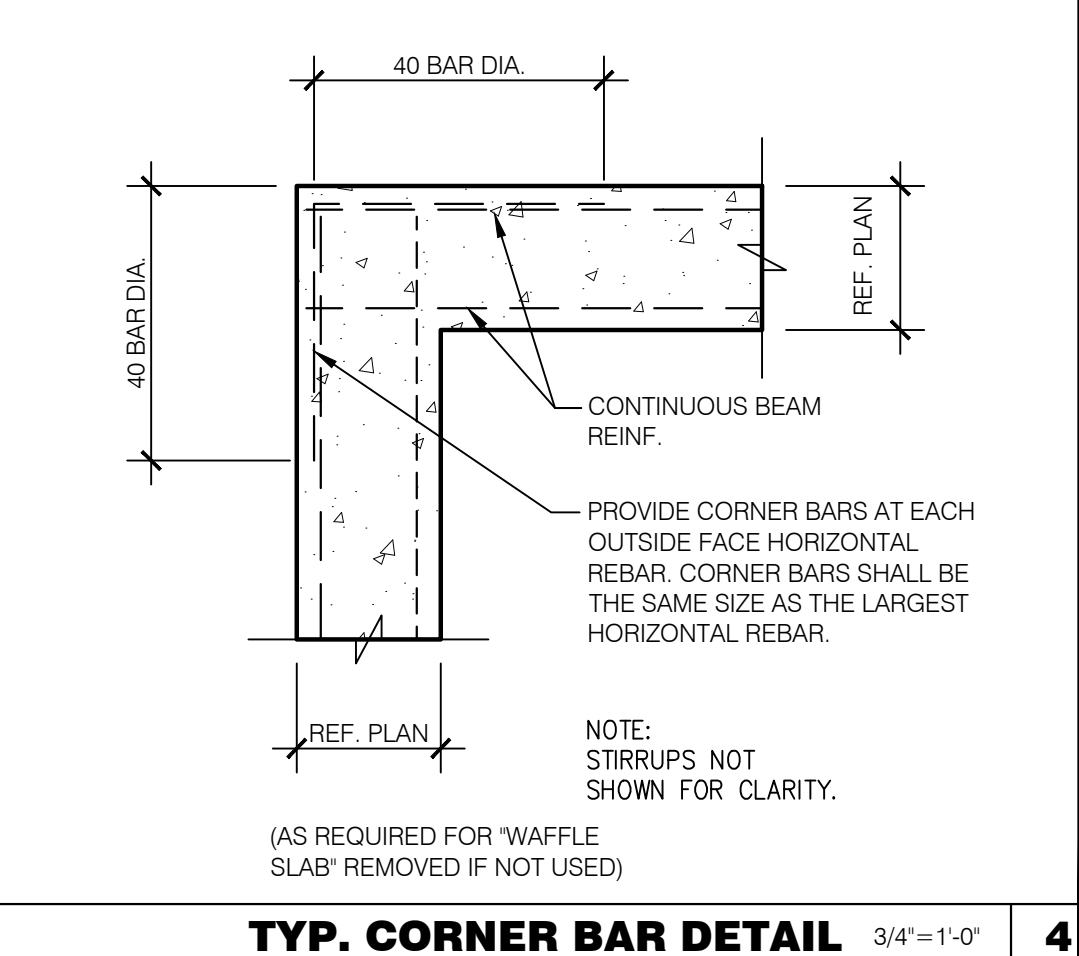


TYP. INTERIOR STIFFENER 3/4"=1'-0"

2

TYP. CORNER BAR DETAIL 3/4"=1'-0"

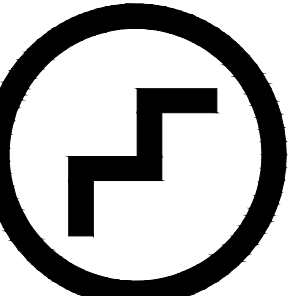
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TYP. CORNER BAR DETAIL 3/4"=1'-0"

4

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COMMONWEALTH OF VIRGINIA
ELIAS RUNAR JOHANSSON
No. 0402-045957
Professional Engineer
07/15/2019

△ DATE	DESCRIPTION
△ 6/3/19	DESIGN COMMENTS
△	
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CONTRACT DATE:	05.08.19
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PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



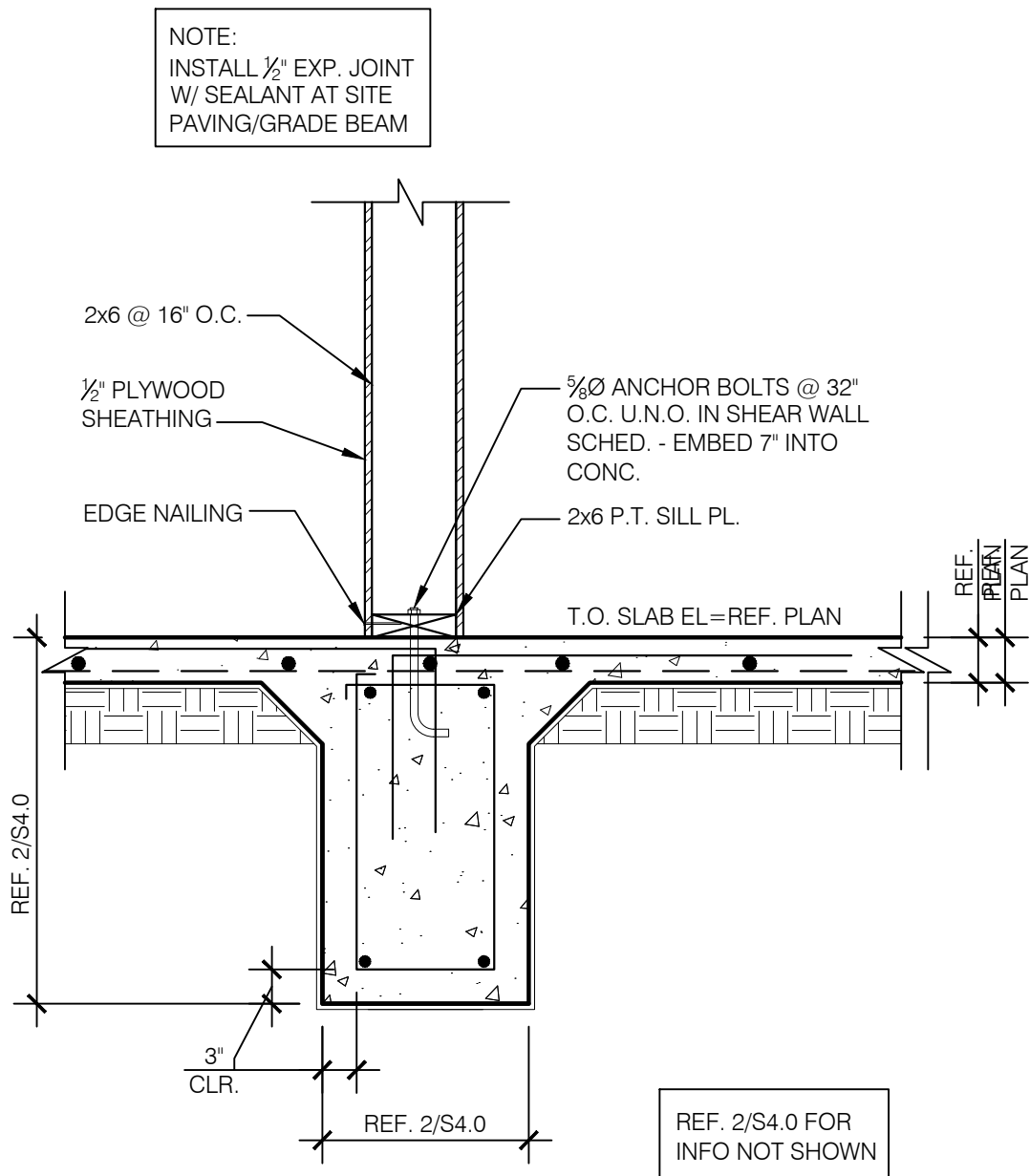
DELCO LITE
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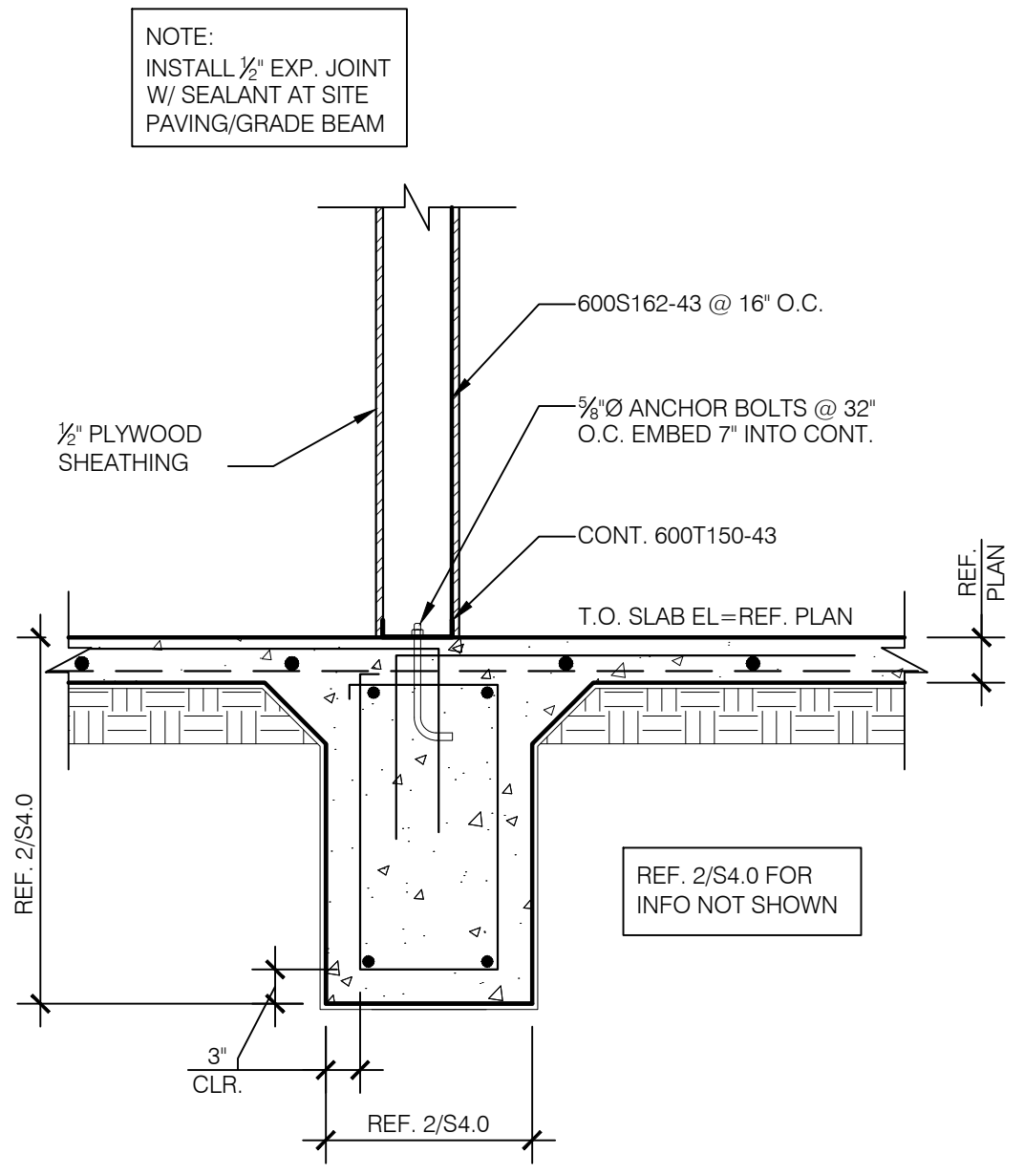
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PLOT DATE: 5/09/19

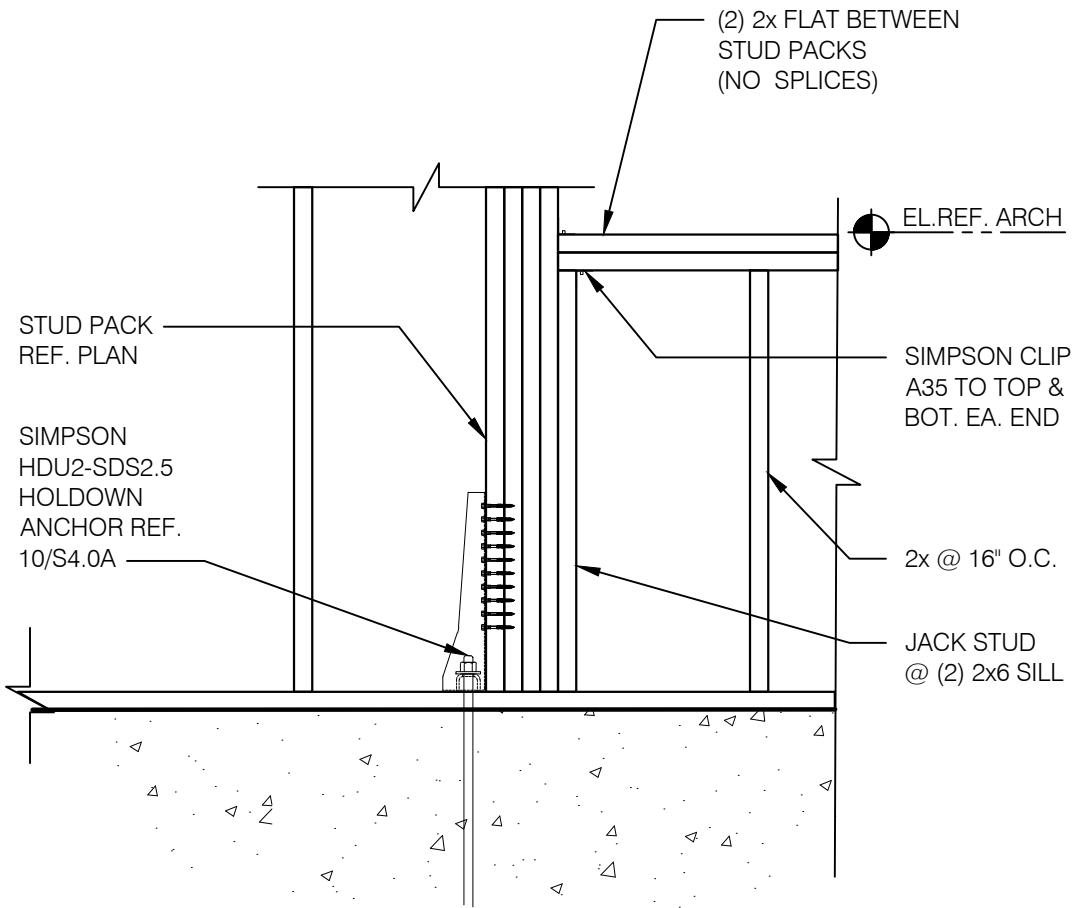
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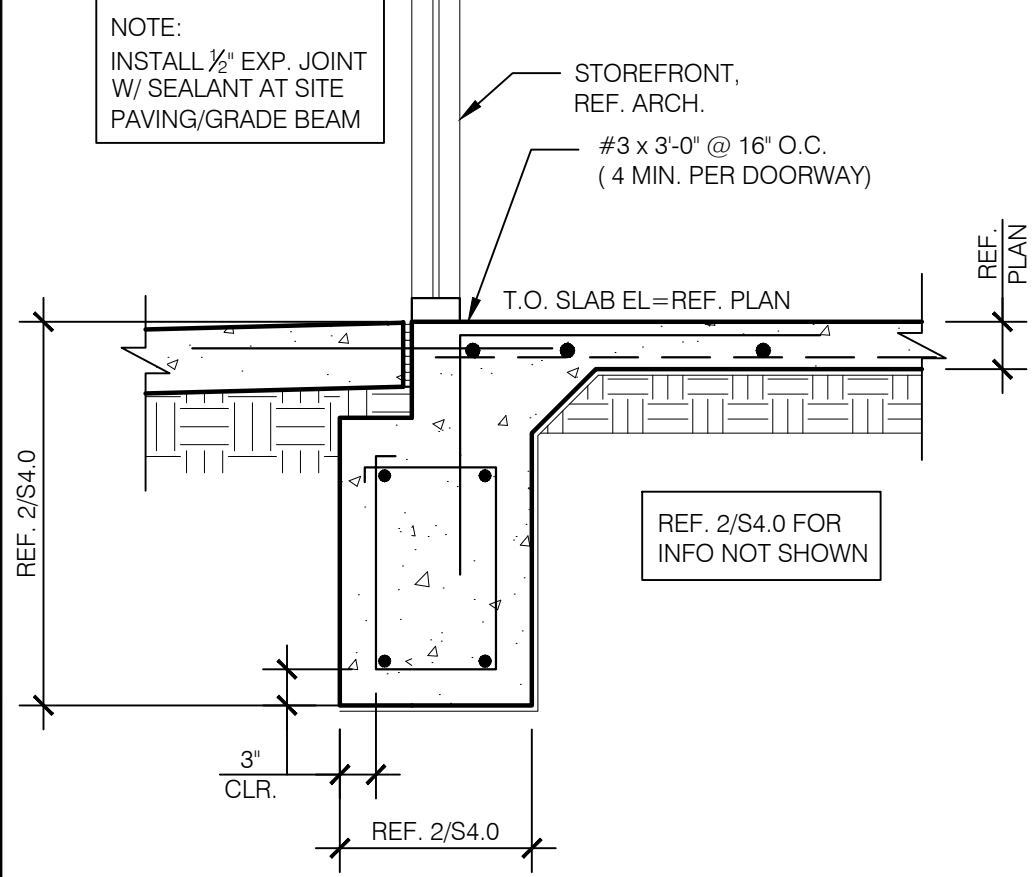
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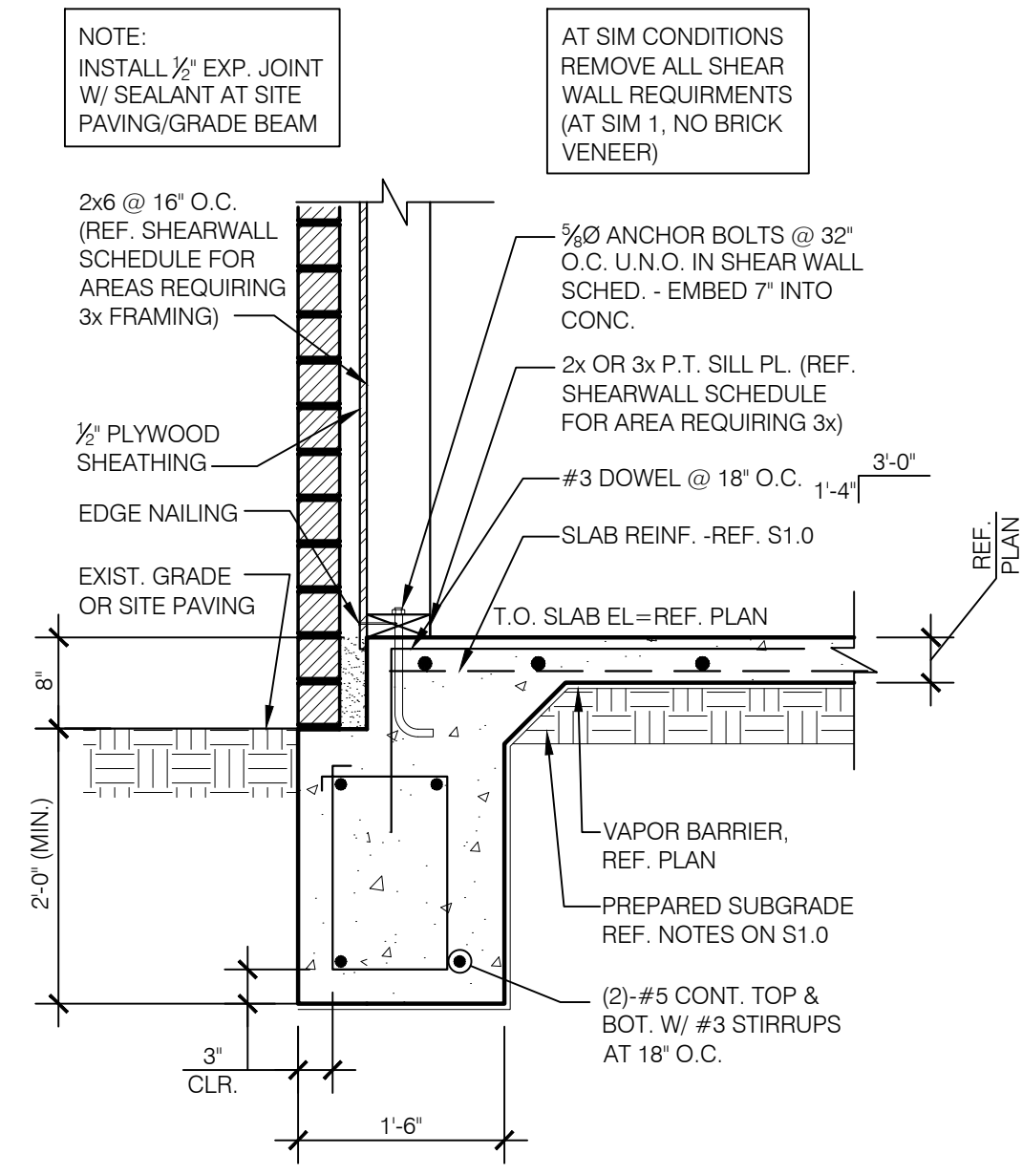
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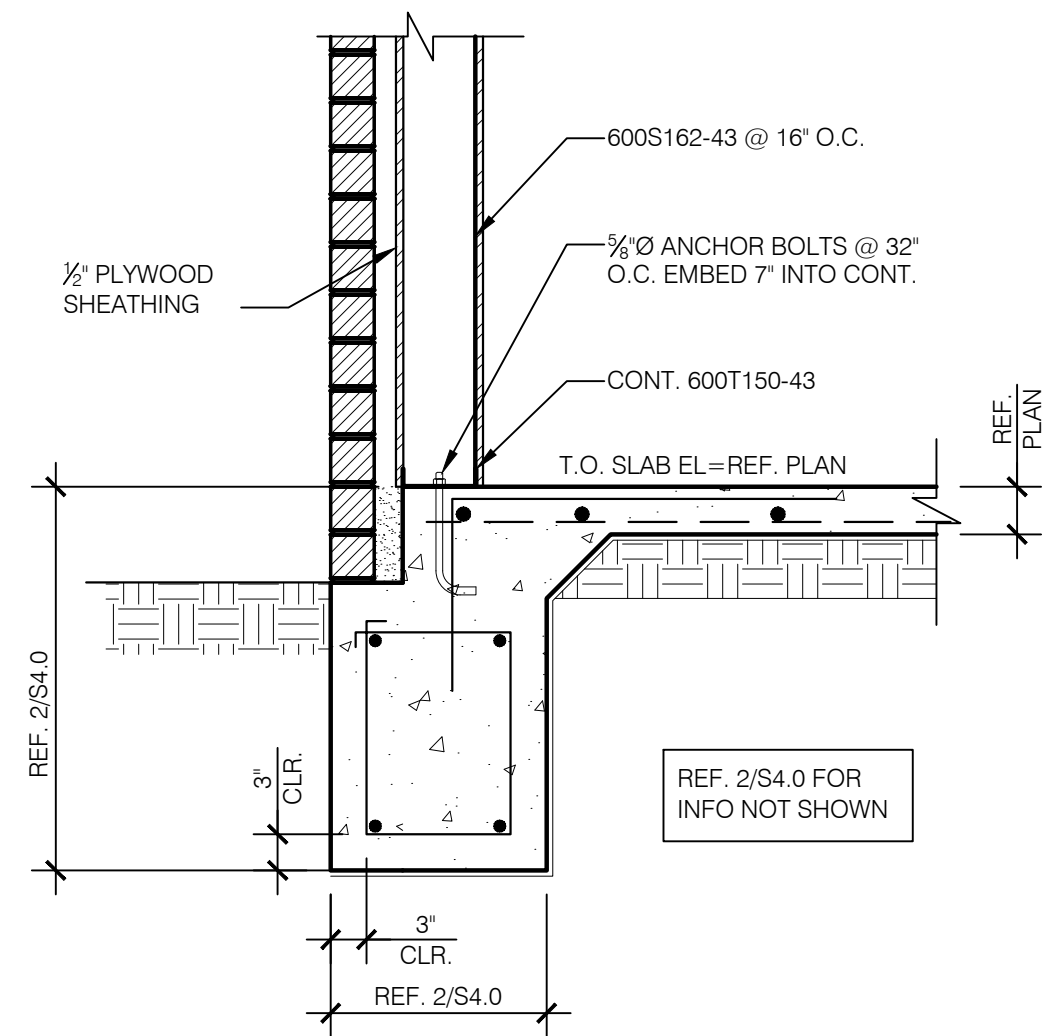
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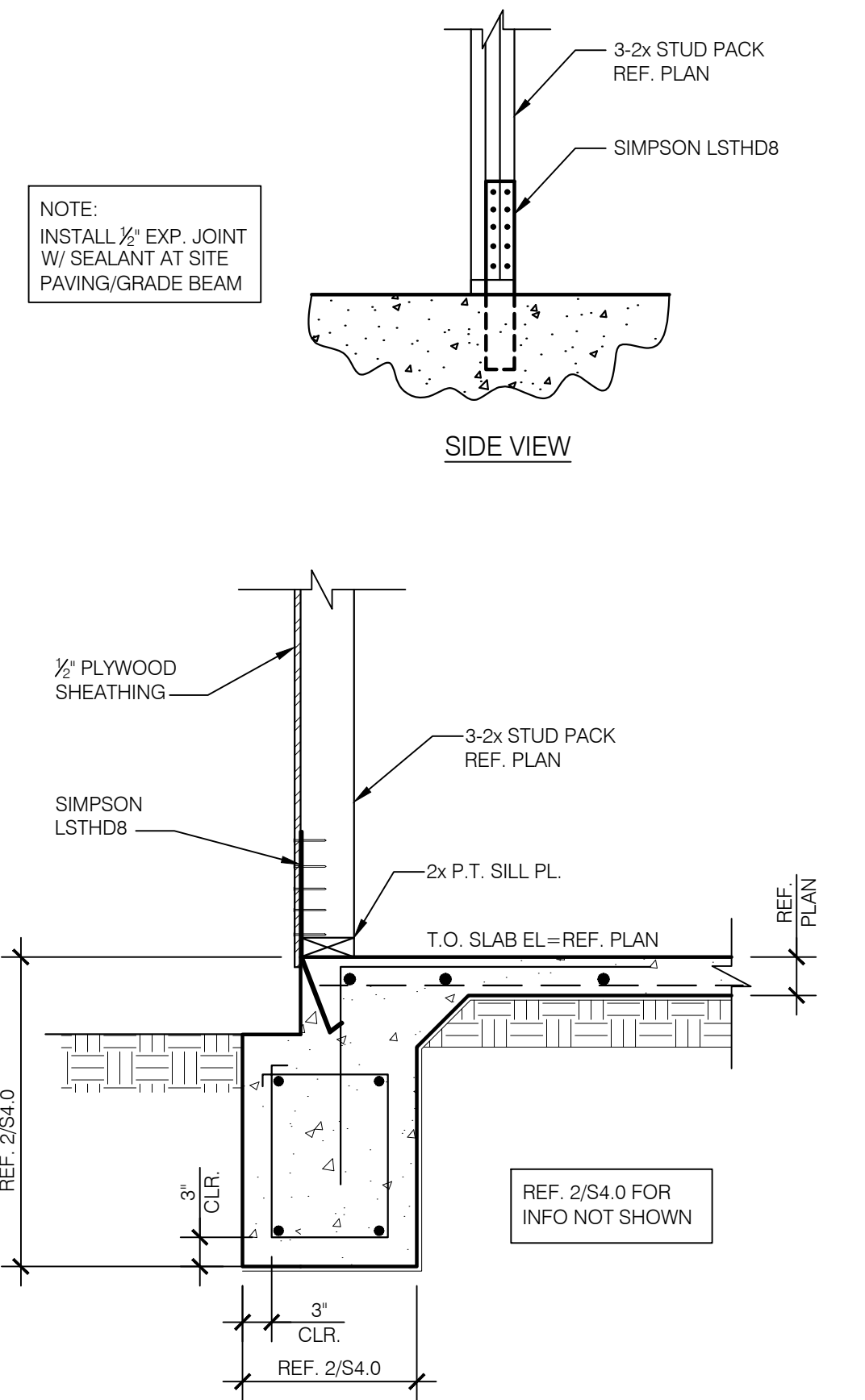
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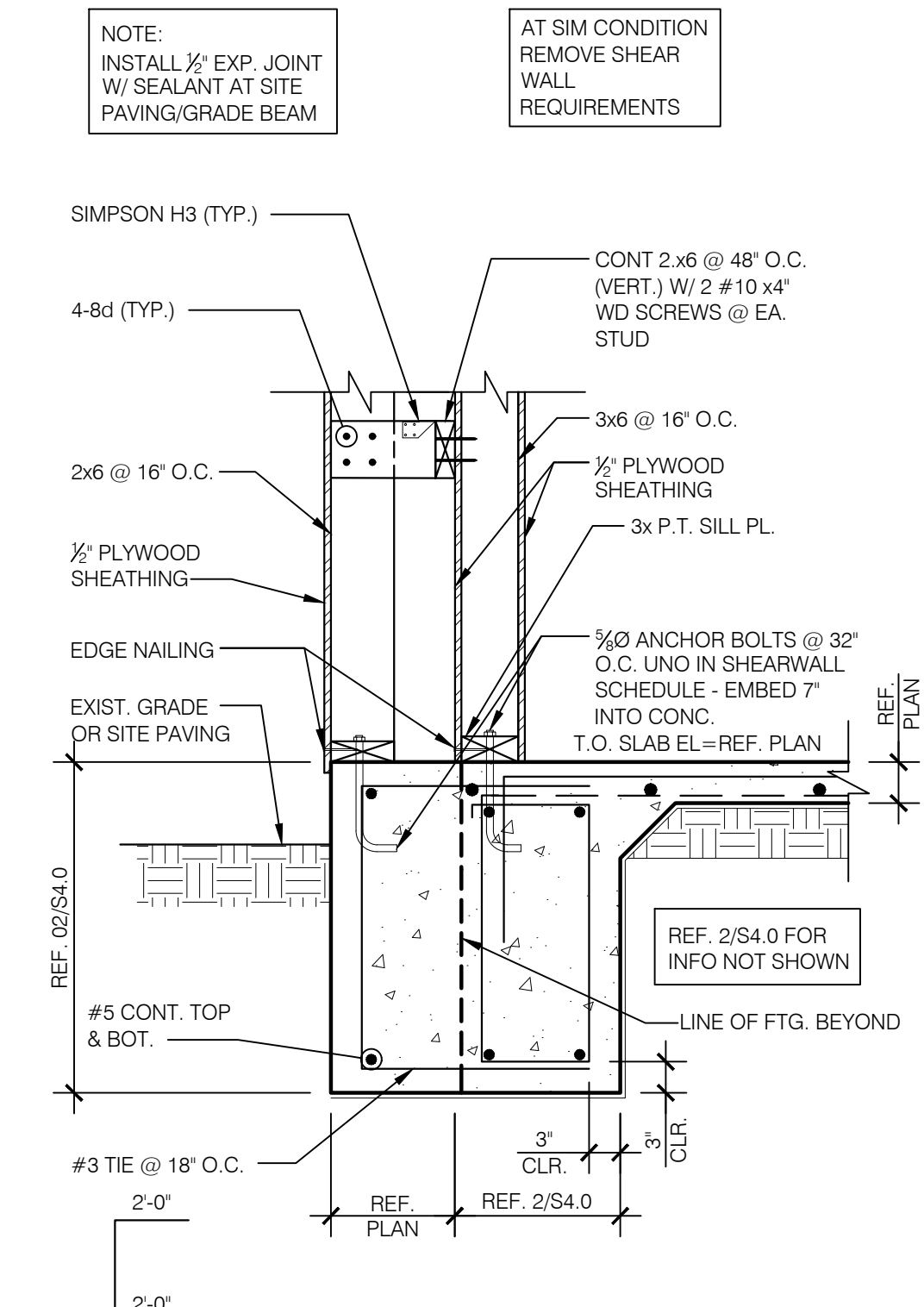
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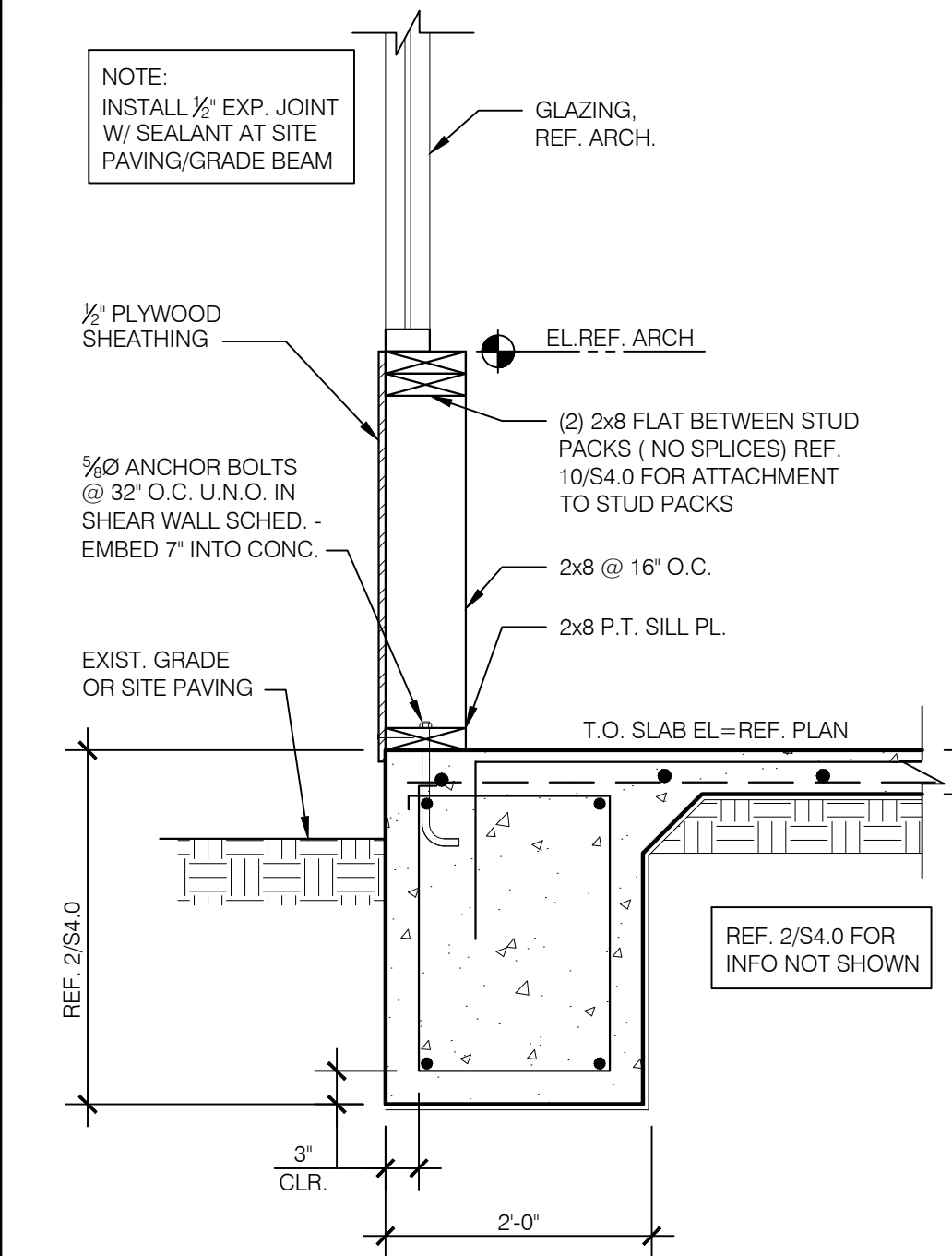
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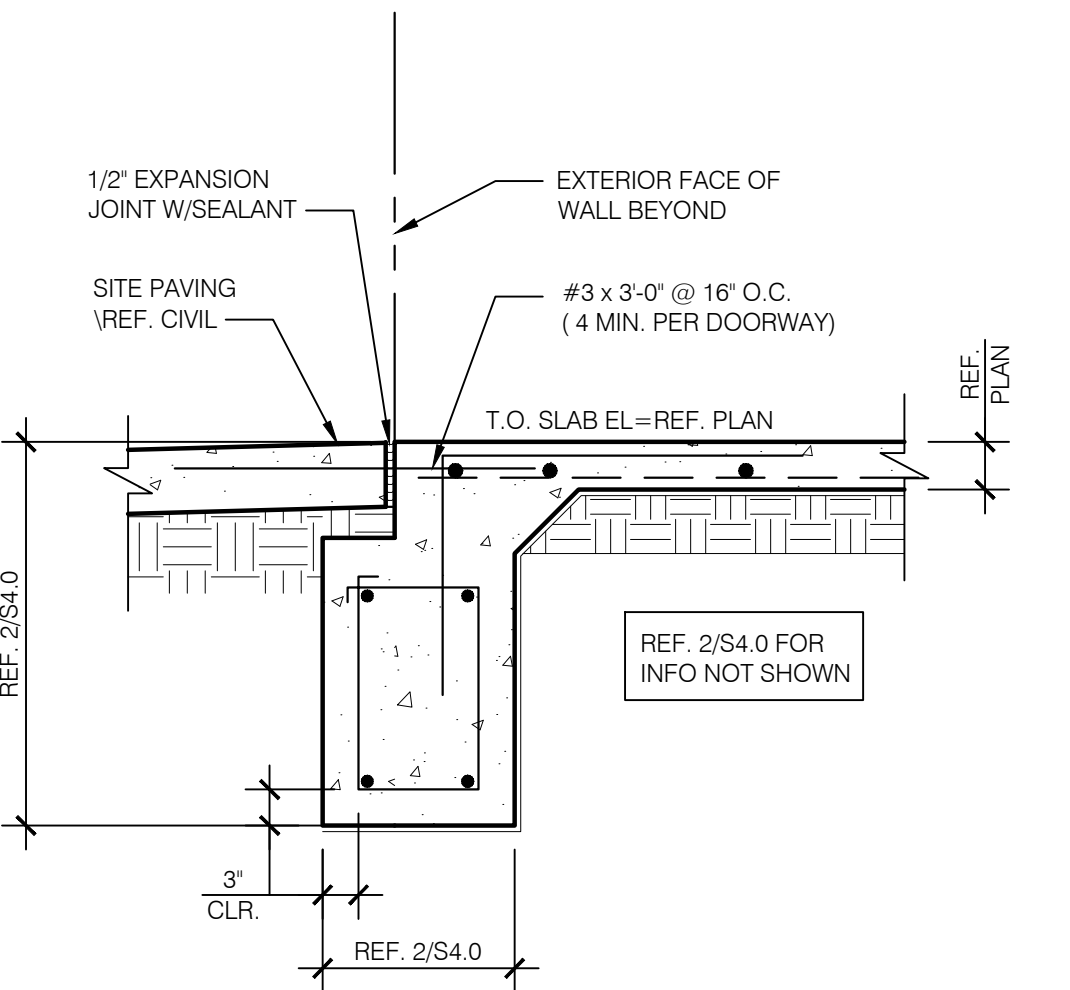
SECTION 3/4"=1'-0" 16



SECTION 3/4"=1'-0" 12

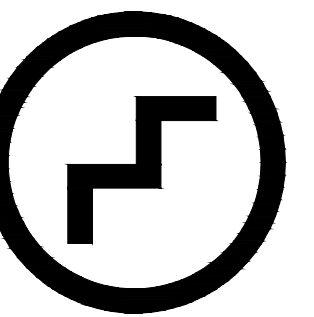


SECTION 3/4"=1'-0" 8



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

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PIZZA HUT

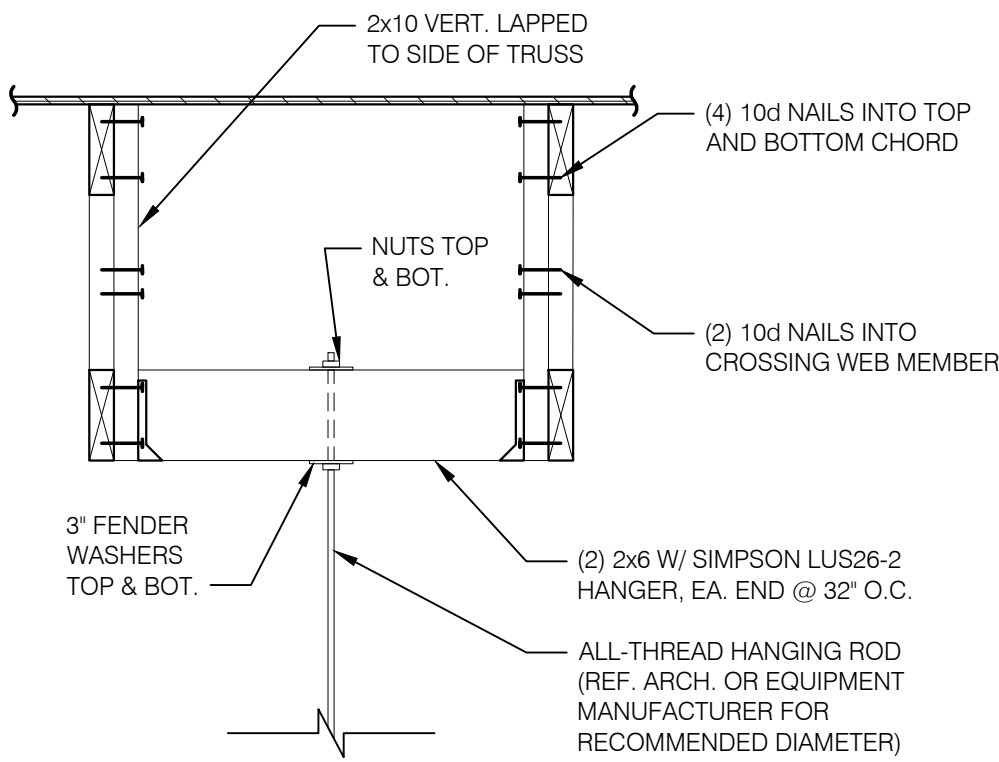
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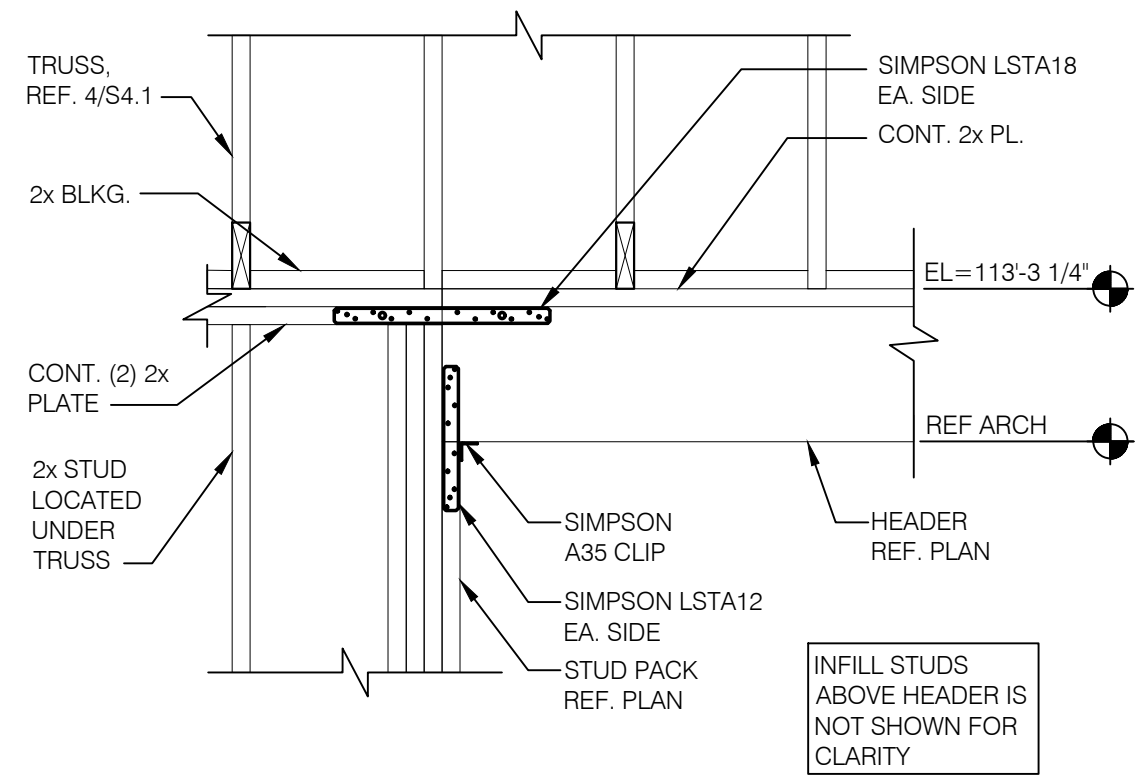
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001.03.00

STRUCTURAL
DETAILS
(FOUNDATION)
S4.0

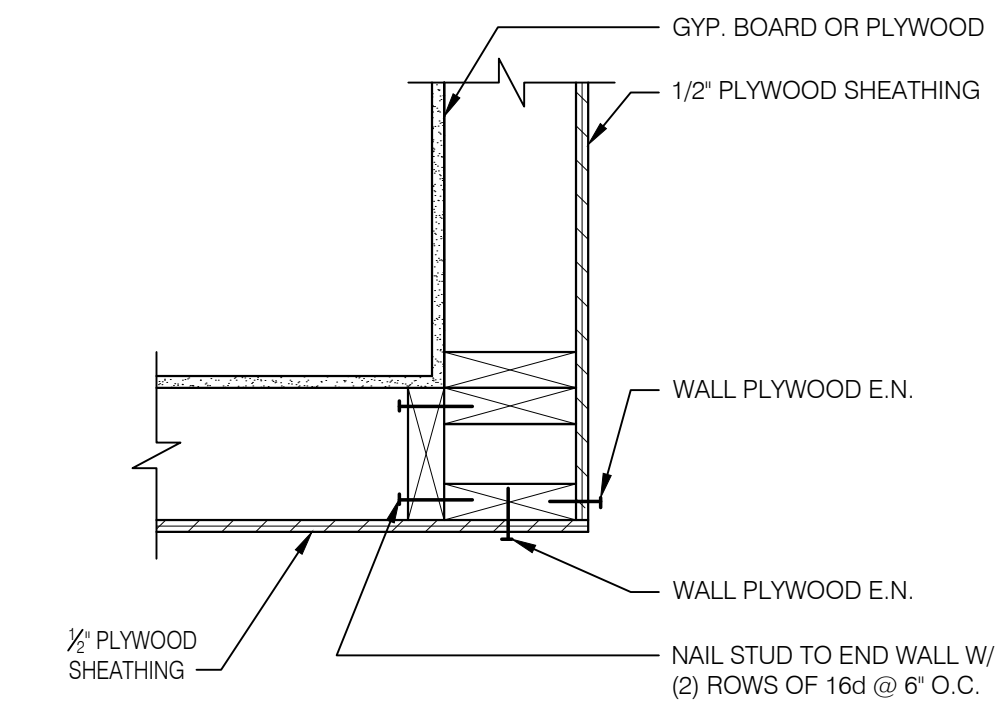
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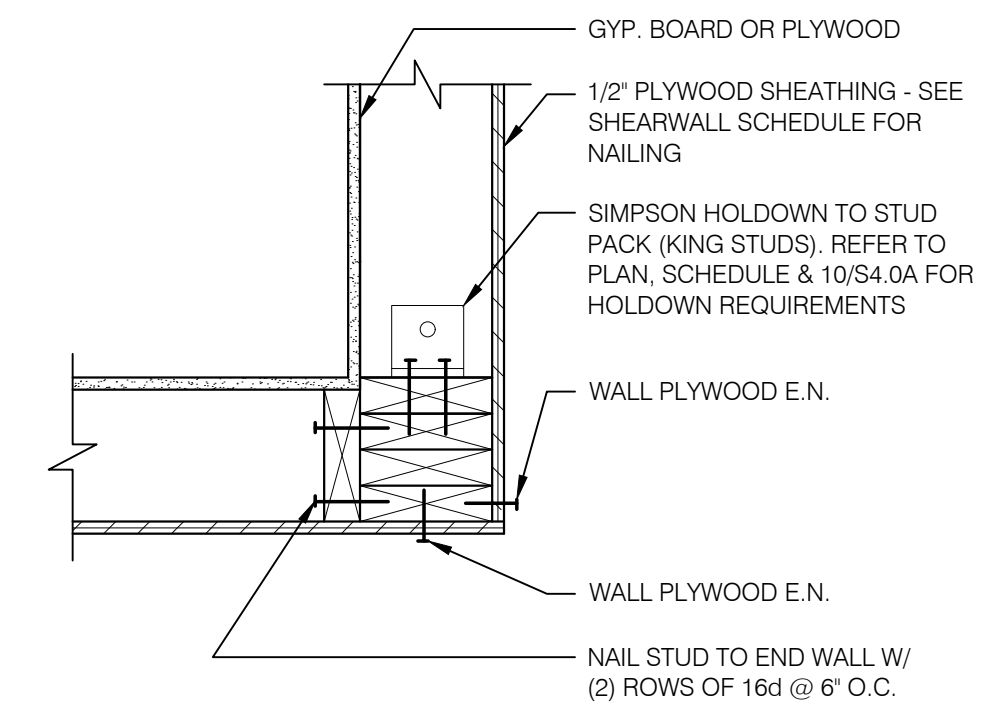
HANGING BULKHEAD OR HOOD DETL N.T.S. **17**



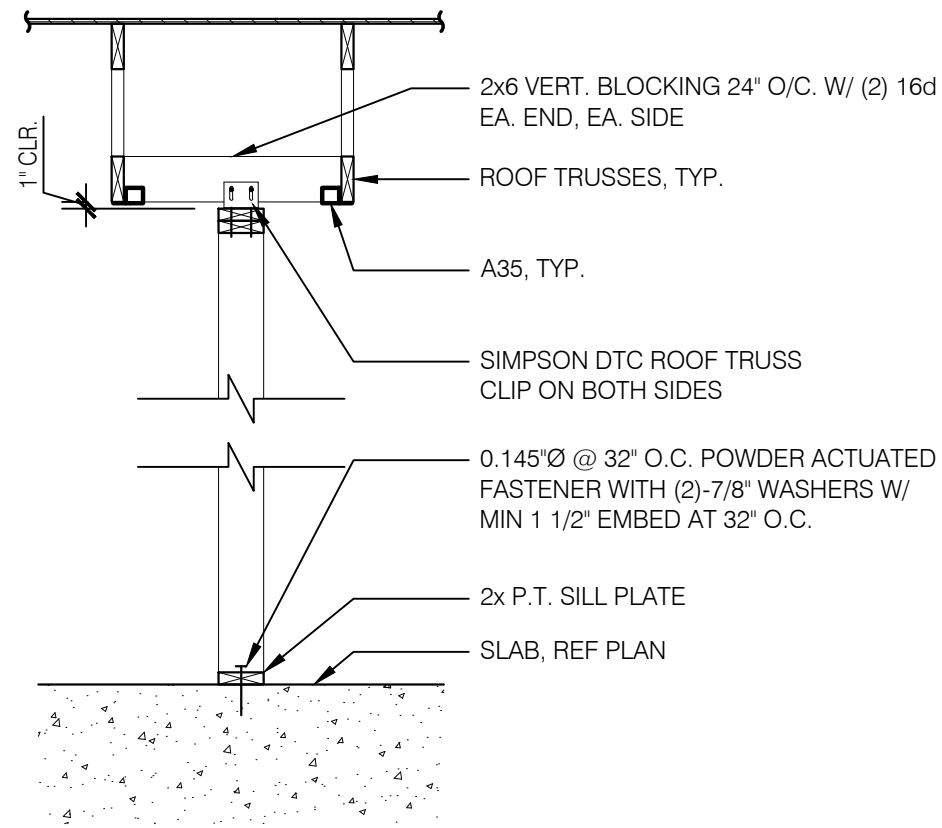
FRAMING ELEVATION @ OPENING N.T.S. **18**



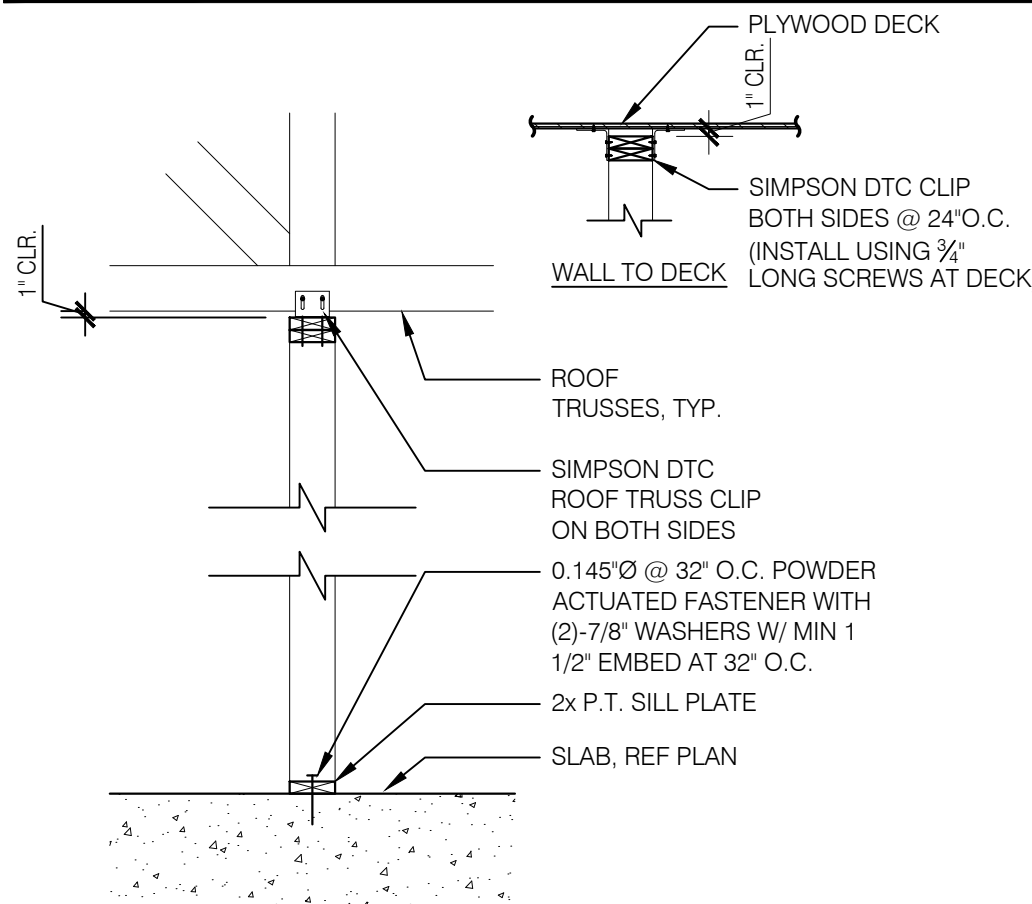
TYPICAL FRAMING CORNER 1-1/2" = 1'-0" **19**



HOLD DOWN CORNER 1-1/2" = 1'-0" **20**



SUPPORT- PARALLEL TO TRUSS 1/2" = 1'-0" **13**



SUPPORT PERP. TO TRUSS 1/2" = 1'-0" **14**

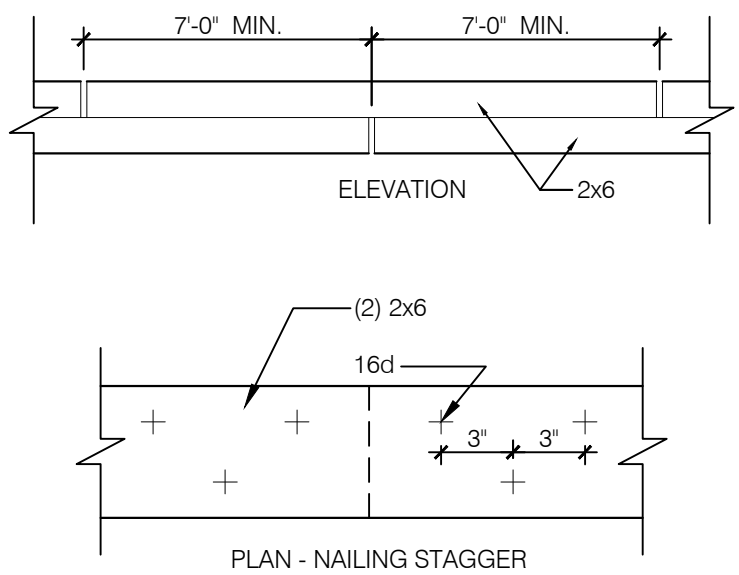
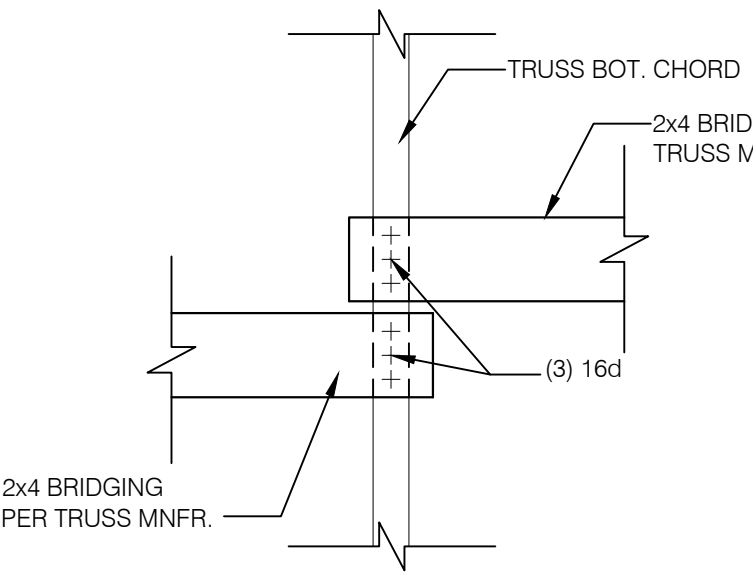
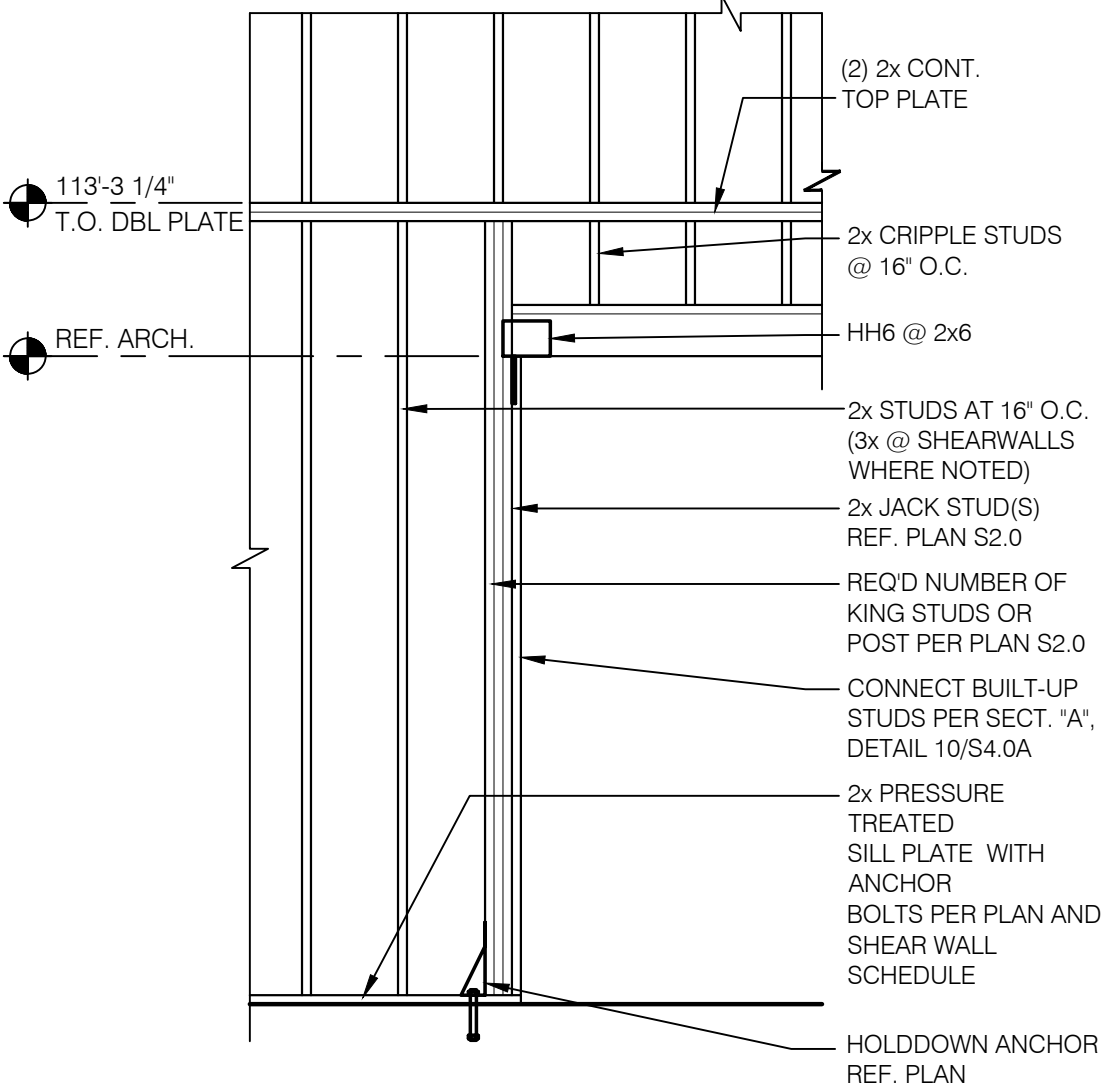


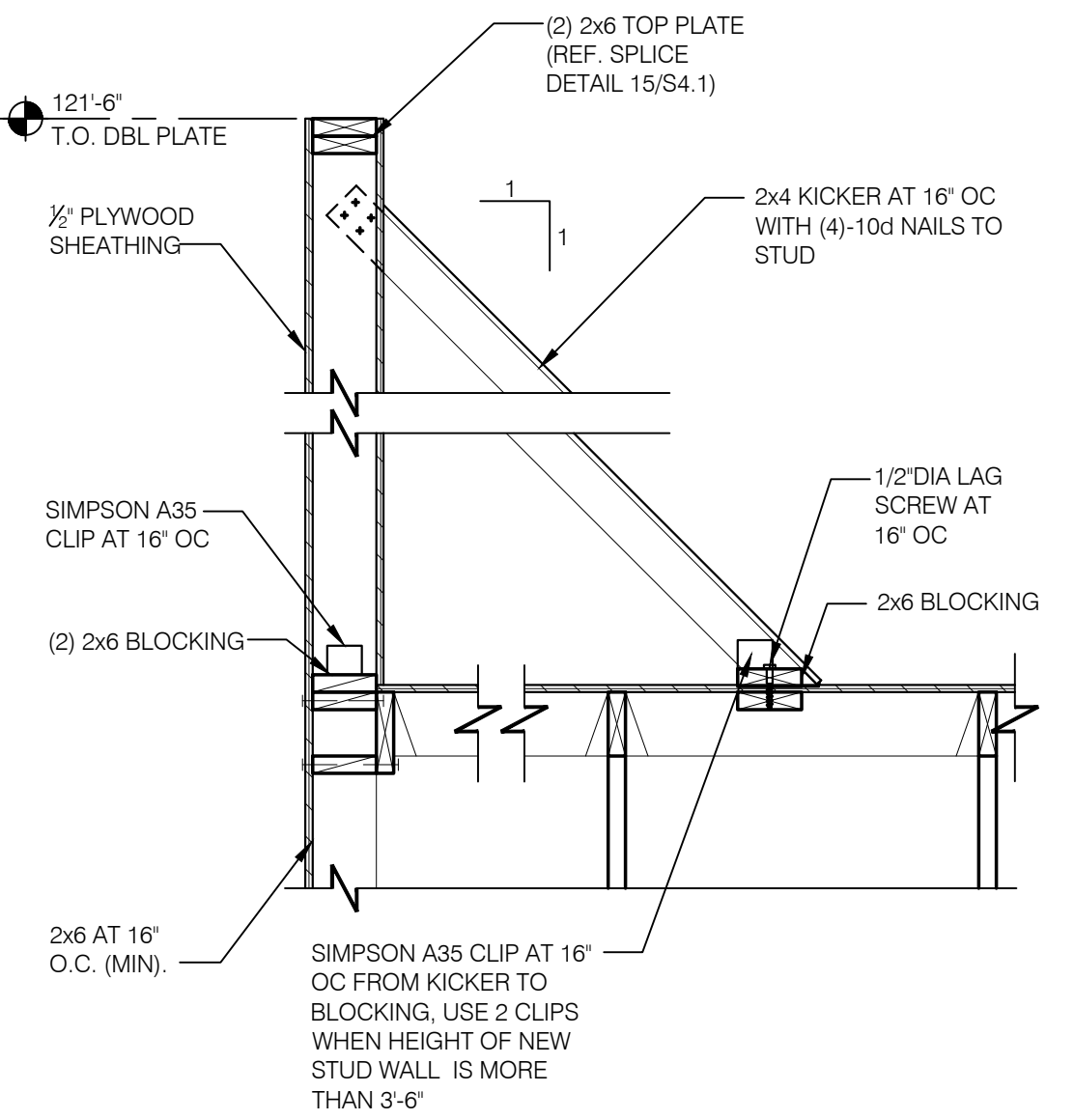
PLATE LAP DETAIL N.T.S. **15**



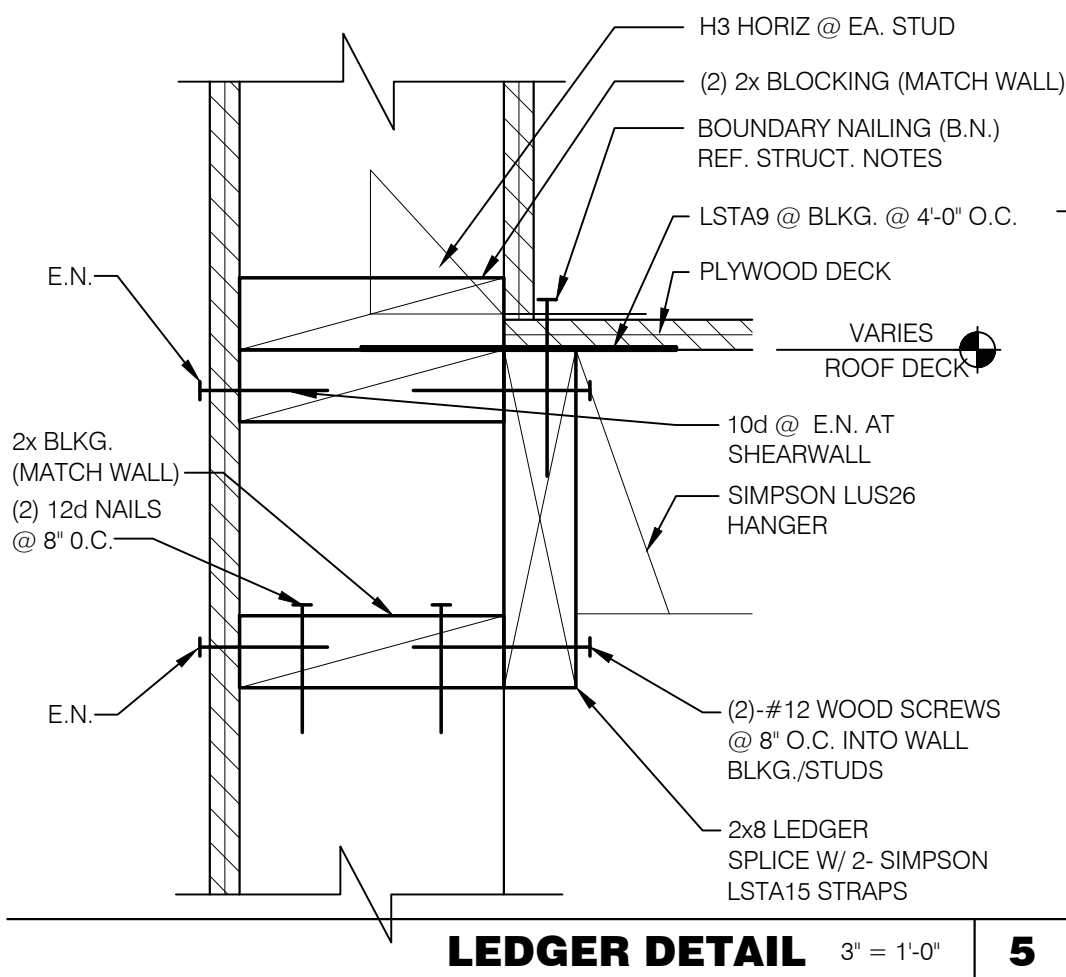
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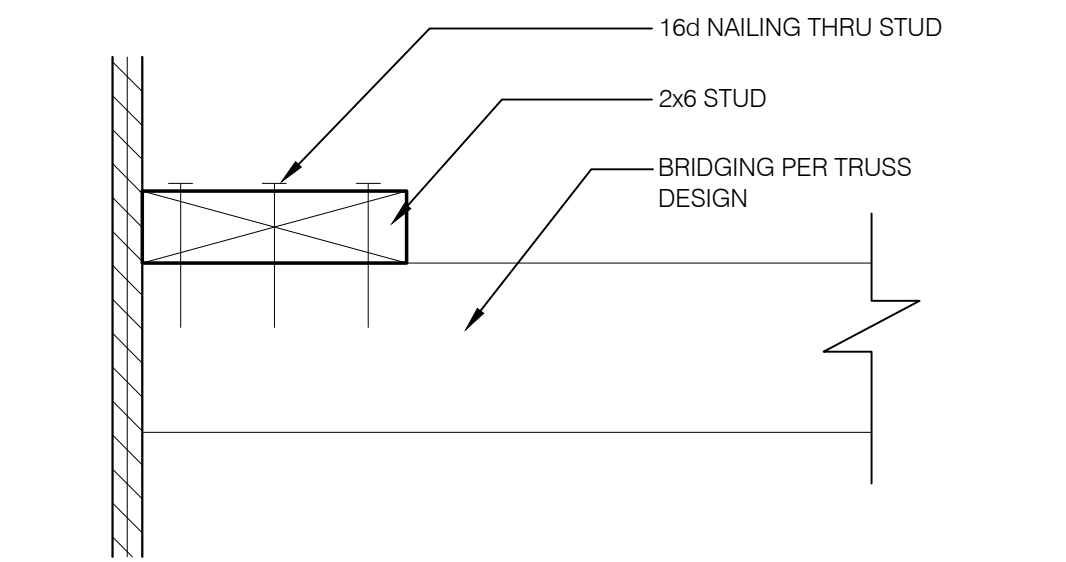
FRAMING ELEVATION @ OPENING 3/8" = 1'-0" **10**



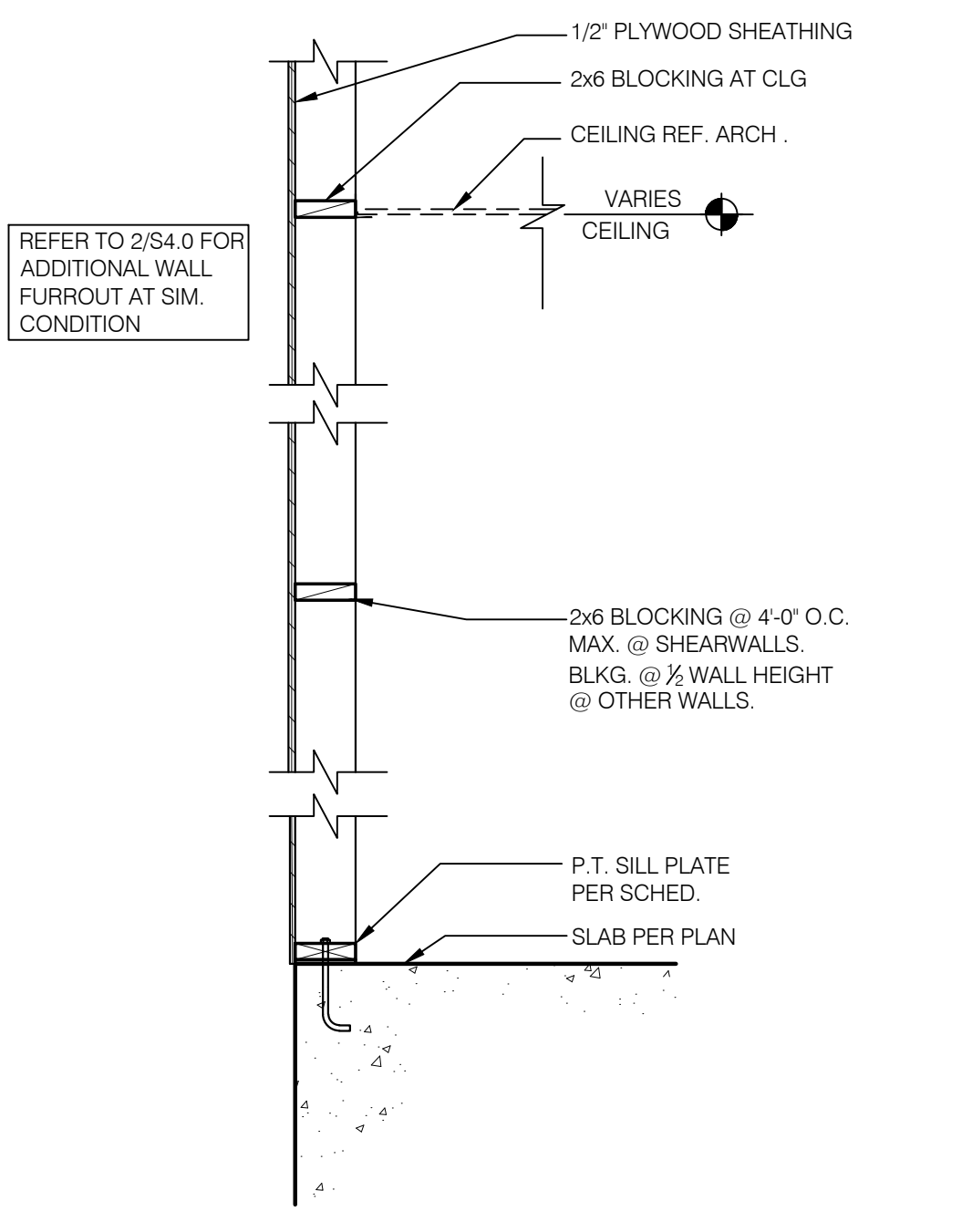
KICKER @ PARAPET 3/4" = 1'-0" **12**



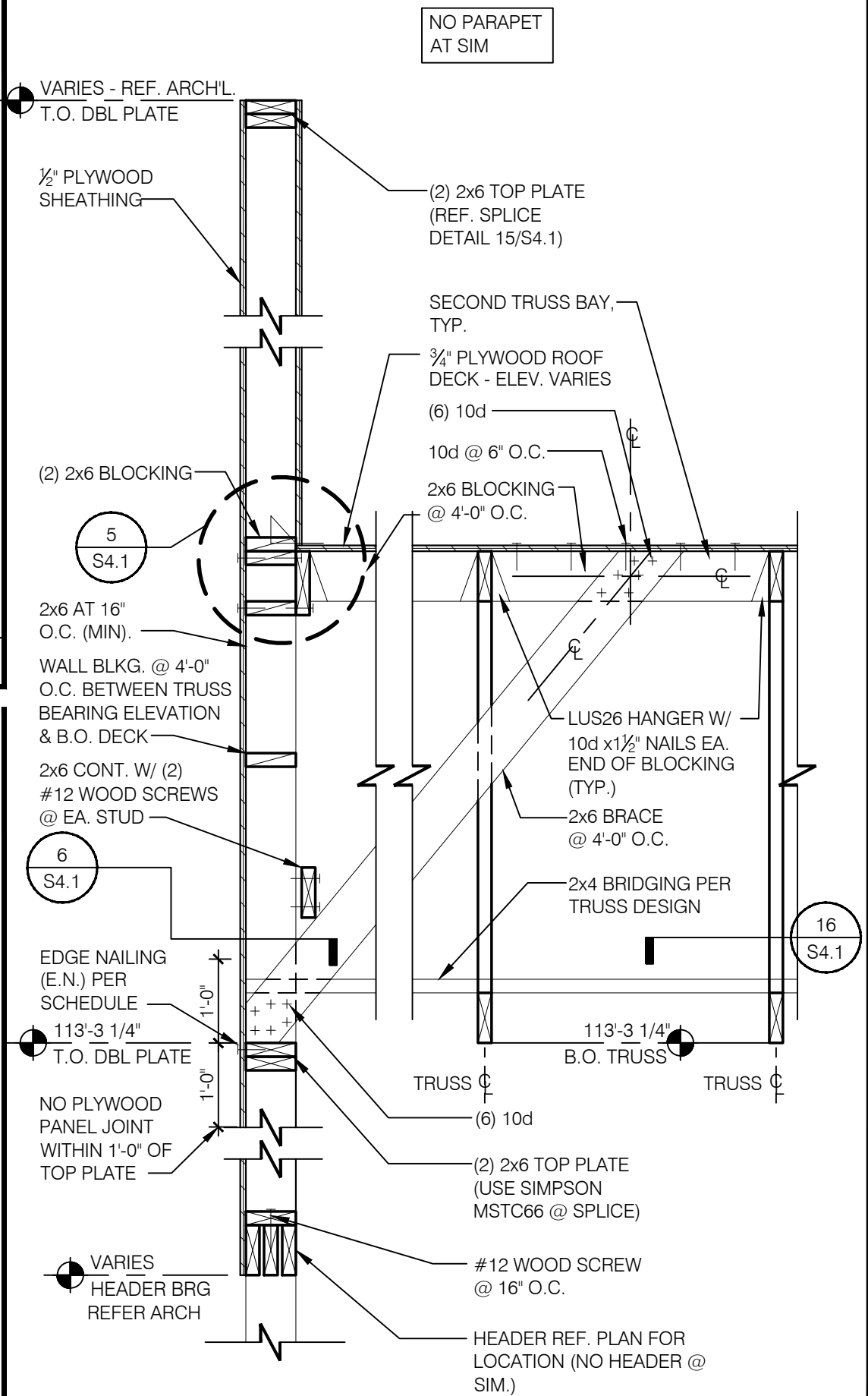
LEDGER DETAIL 3" = 1'-0" **5**



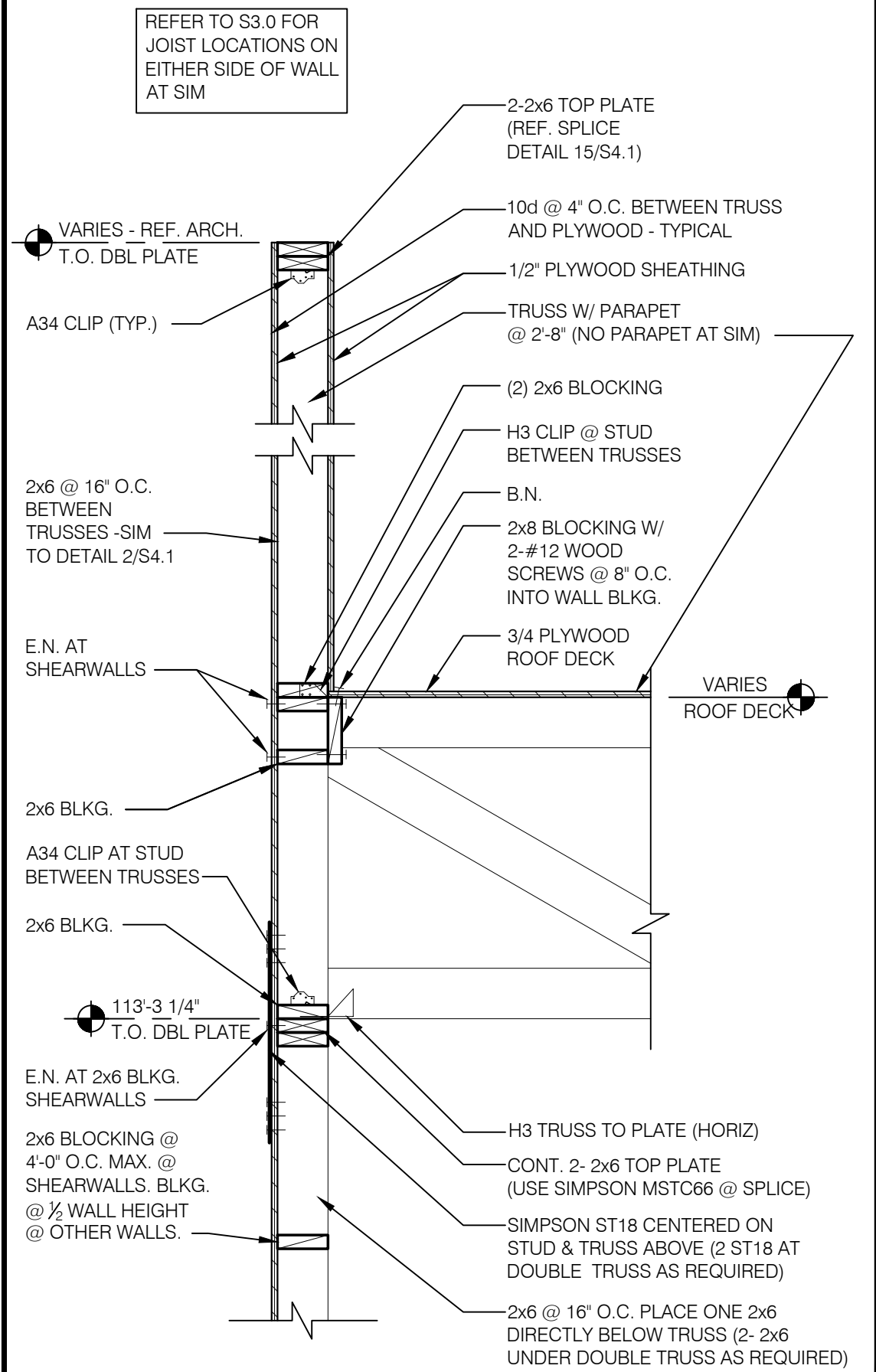
TRUSS BRIDGING DETAIL 3" = 1'-0" **6**



TYPICAL WALL BELOW TRUSS 3/4" = 1'-0" **8**



REAR WALL @ TRUSS 3/4" = 1'-0" **2**



SIDE WALL @ TRUSS 3/4" = 1'-0" **4**

McIntosh

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COMMONWEALTH OF OKLAHOMA
ELIAS RUNAR JOHANSSON
No. 0402-045957
Professional Engineer
07/15/2019

DATE	DESCRIPTION
6/3/19	DESIGN COMMENTS

CONTRACT DATE: 05.08.19
BUILDING TYPE: DELCO LITE
PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VA 24201

Pizza Hut

DELCO LITE
001.03.00

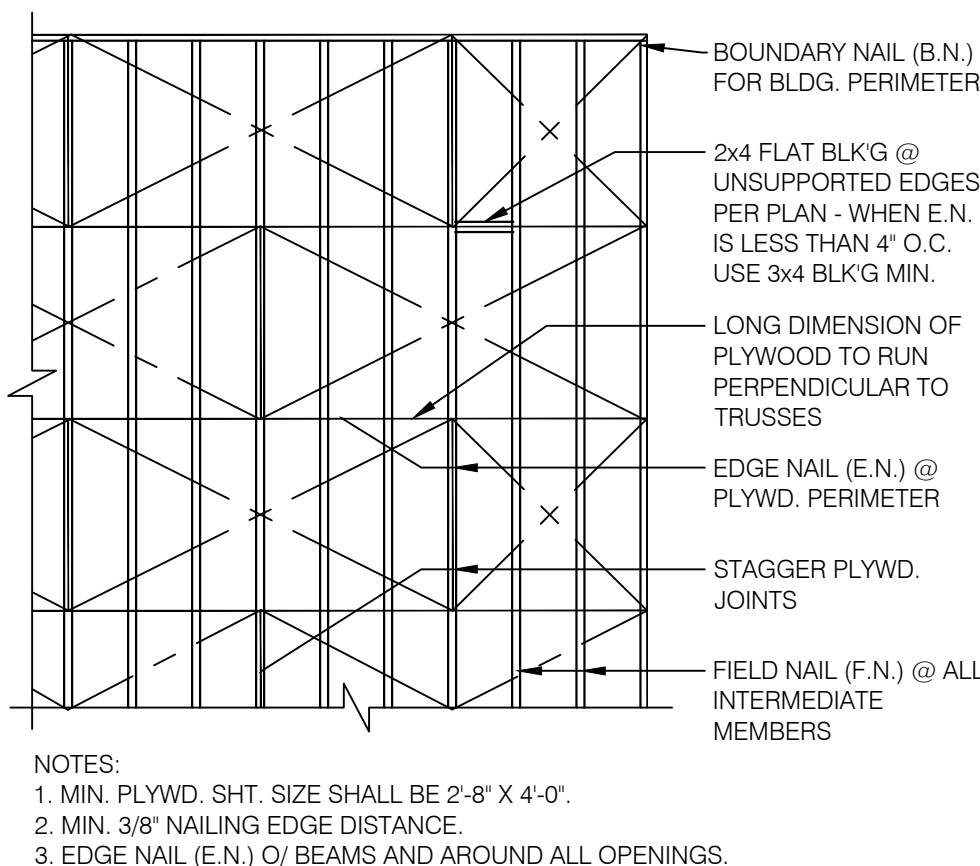
**STRUCTURAL
DETAILS
(FRAMING)**

S4.1

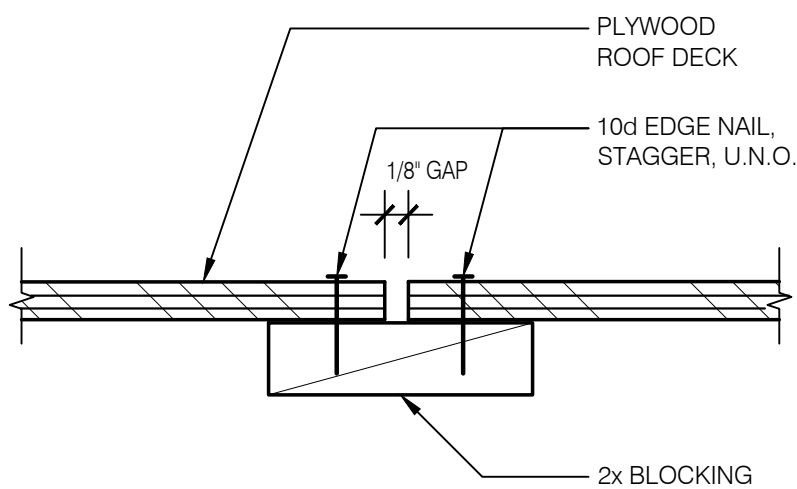
PLOT DATE: 5/09/19

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 SPICE	(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. BUILT-UP GIRDER AND BEAMS	(20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE)
28. 2x6 AND 2x8 BOX BEAM/HEADER	(12d @ 12" O.C.)

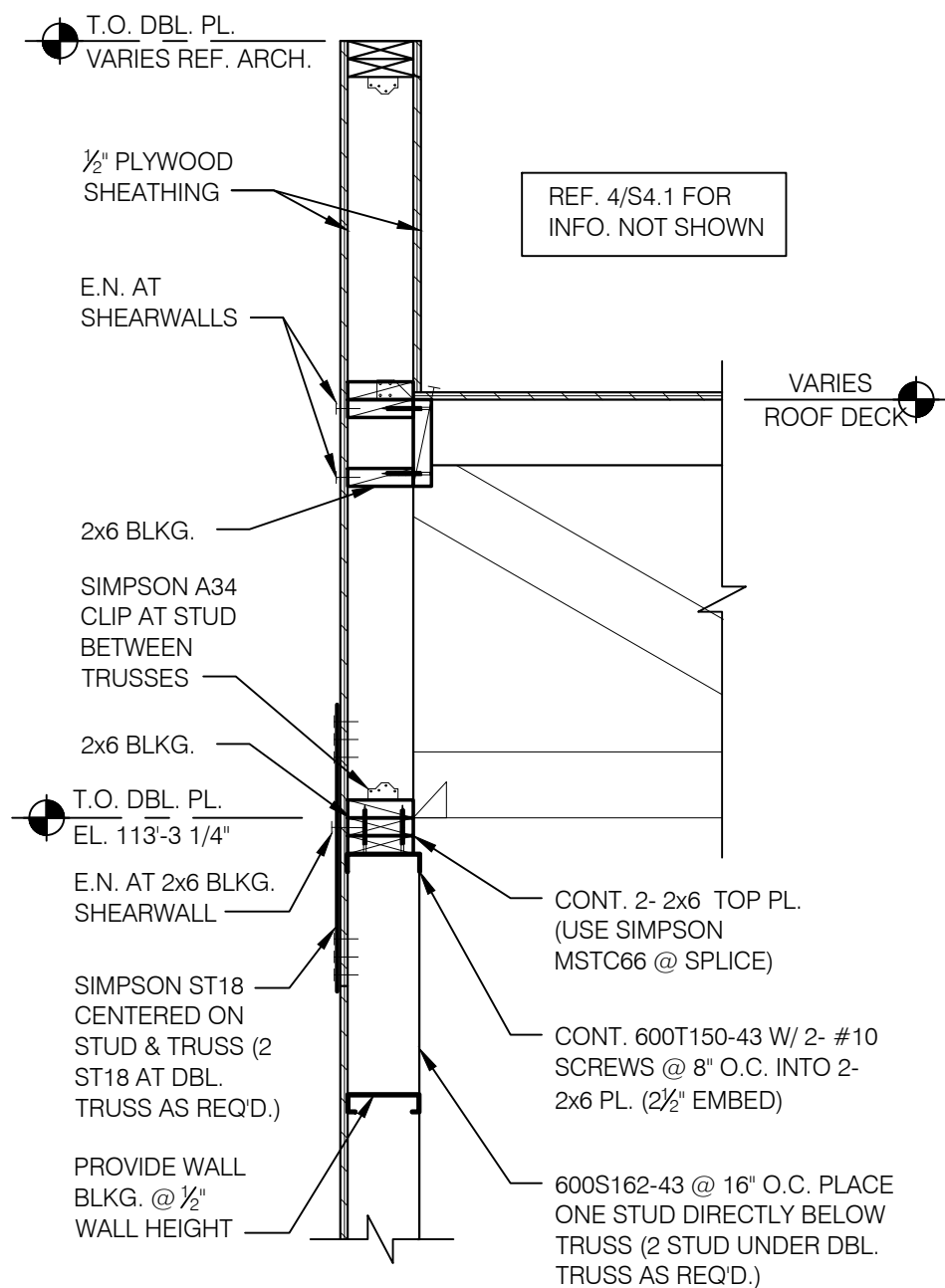
NAILING:	
(3-8d)	
(2-8d)	
(2-8d)	
(3-8d)	
(2-16d)	
(16d @ 16" O.C.)	
(3-16d PER 16')	
(2-16d)	
(2-16d END NAIL)	
(16d @ 24", O.C.)	
(16d @ 16" O.C.)	
(8-16d)	
(3-8d)	
(8d @ 6" O.C.)	
(2-16d)	
(16d @ 16" O.C. ALONG EDGE)	
(3-8d)	
(4-8d)	
(3-16d)	
(3-16d)	
(3-8d)	
(2-8d)	
(2-16d AT EACH SPLICE)	
(20d @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-20d AT ENDS AND AT EACH SPLICE)	
(12d @ 12" O.C.)	



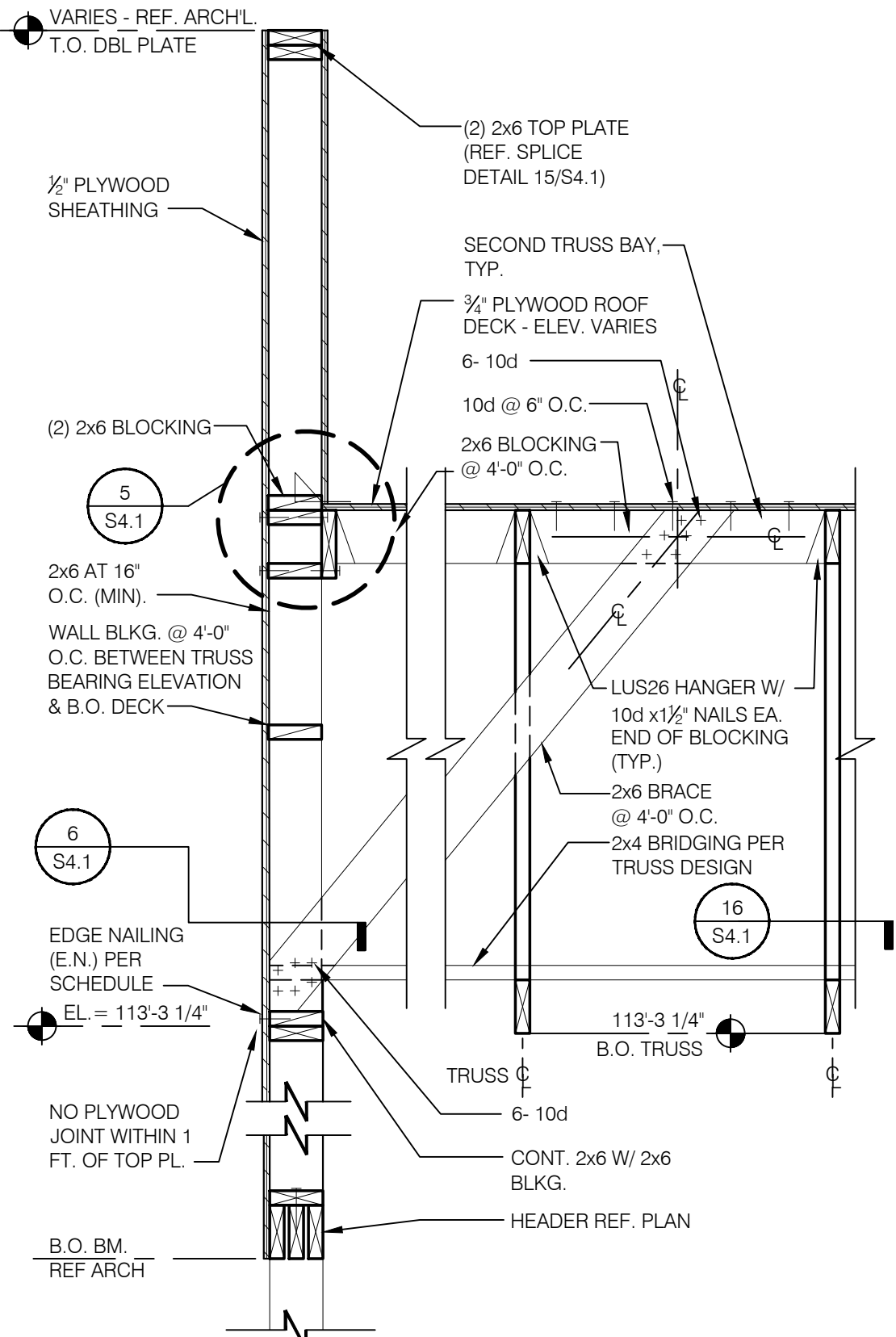
ROOF NAILING PLAN N.T.S. 13



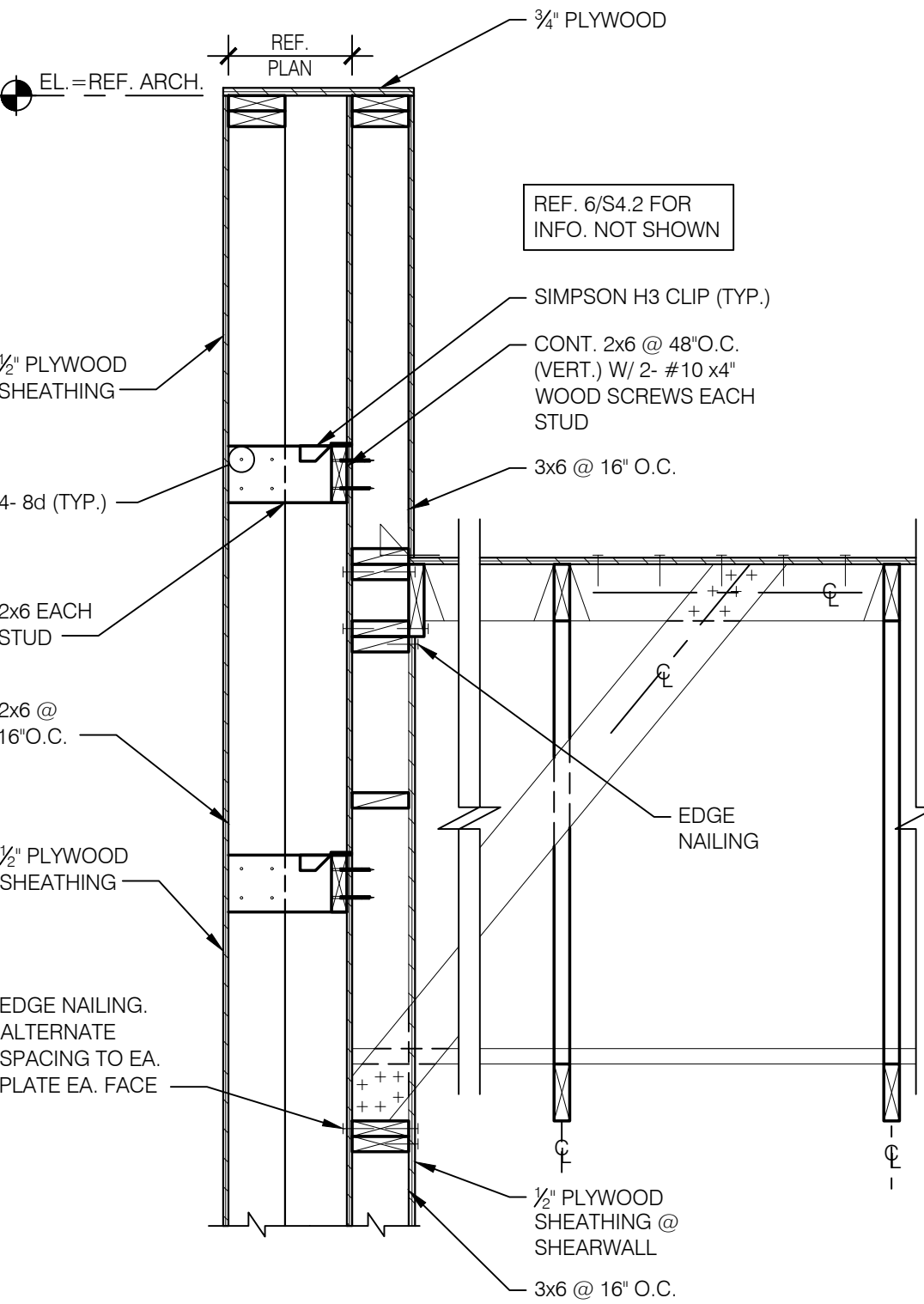
PLYWOOD EDGE BLOCKING N.T.S. 14



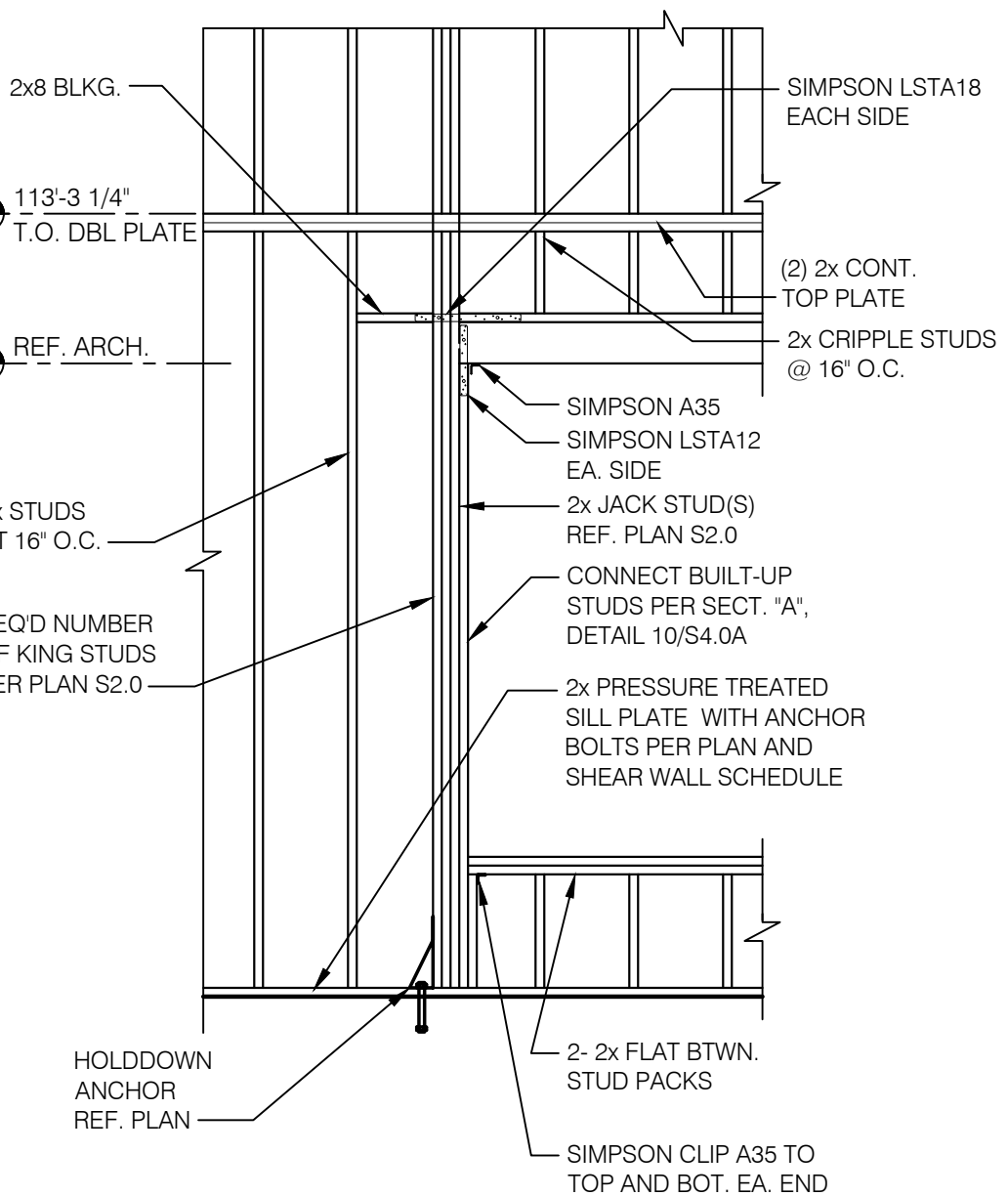
SECTION N.T.S. 10



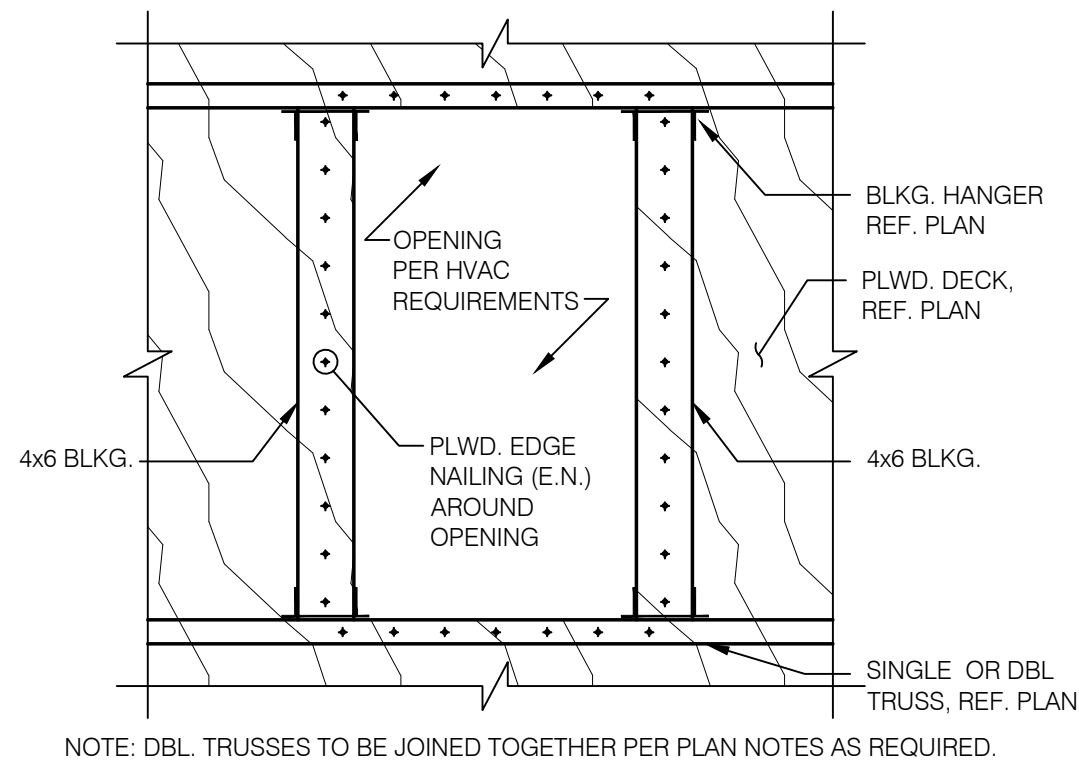
SECTION 3/4"=1'-0" 6



SECTION 3/4"=1'-0" 2



FRAMING ELEV. @ OPENING 3/8"=1'-0" 20

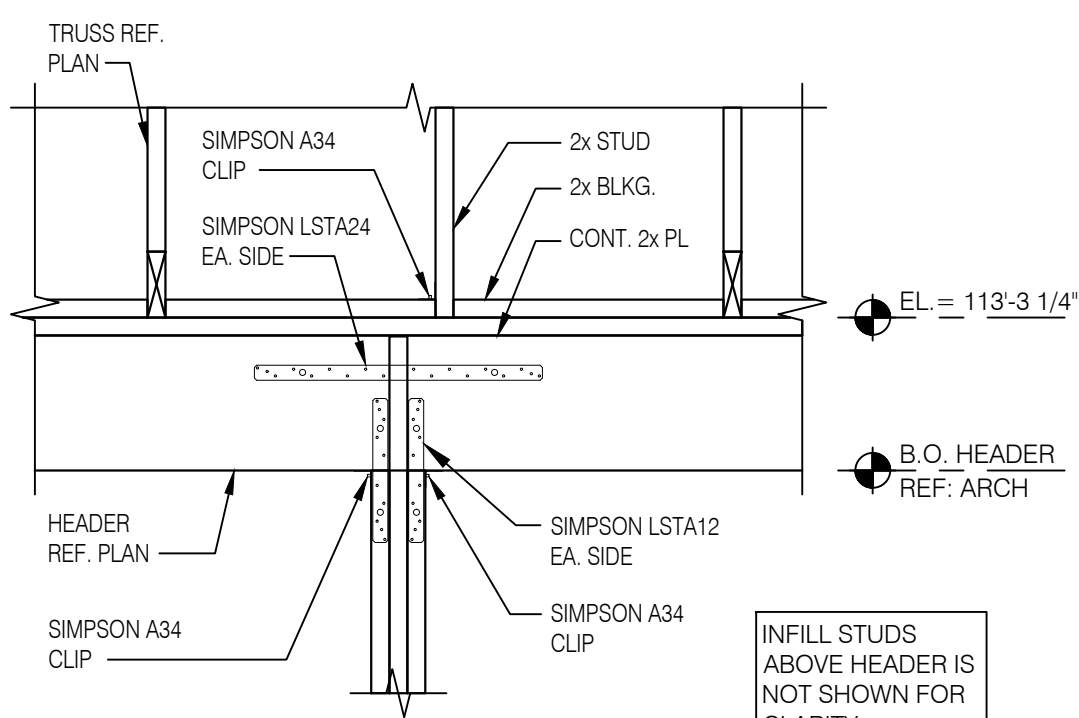


TYPICAL ROOF OPENING 1"=1'-0" 15

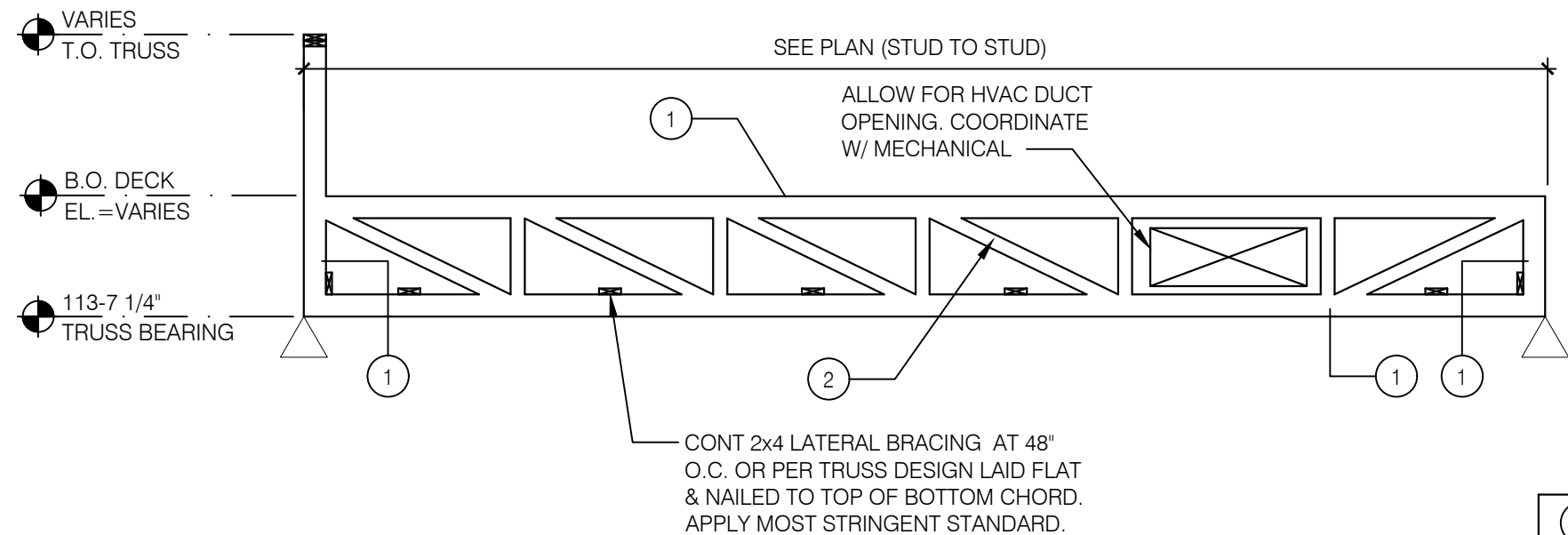
TRUSS TYPE	SINGLE TRUSS	DOUBLE TRUSS	BEARING POINT	COMMENTS
T-1	X		A	
T-2		X	A	SEE NOTE #1 BELOW

- NOTES:
- DOUBLE TRUSSES SHALL BE NAILED TOGETHER PER TRUSS MFR REQ'TS., TOP & BOTTOM CHORDS AND WEBS.
 - PROVIDE SHOP DRAWINGS PRIOR TO FABRICATION.
 - 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. 11



COLUMN-BEAM DETAIL 3/4"=1'-0" 12



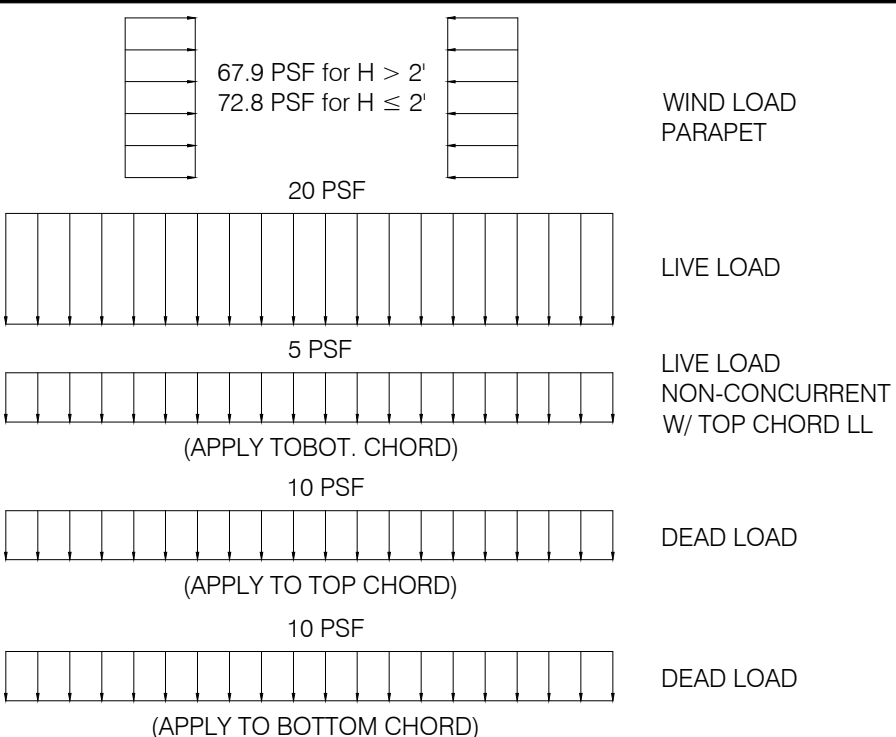
1	2x6 MIN.
2	2x4 MIN.

TRUSS ELEVATION N.T.S. 3

RTU-1	1210 lbs.
RTU-2	880 lbs.
EXHAUST FAN EF-1	92 lbs.
EXHAUST FAN EF-2	92 lbs.
EXHAUST FAN EF-3	93 lbs.
HOOD-1	655 lbs.
HOOD-2	148 lbs.
COOLER CONDENSER	215 lbs.
FREEZER CONDENSER	215 lbs.
ICE CONDENSER	240 lbs.

- NOTES:
- SEE MECHANICAL PLANS FOR ACTUAL UNIT DESIGNATIONS.
 - RTU WEIGHT SHOWN WITH 1.1 FACTOR.

ROOF TOP EQUIPMENT WEIGHTS N.T.S. 8



- NOTES:
- ALSO, APPLY ROOF TOP MECHANICAL POINT LOADS. WEIGHT AND LOCATION OF UNITS AS NOTED ARE SHOWN ON THIS SHEET AND ARE NOT INCLUDED IN THE ABOVE LOADING DIAGRAM. VERIFY THESE LOADS WITH MECHANICAL SUPPLIER BEFORE DESIGNING TRUSS.
 - APPLY NET WIND UPLIFT OF 15.0 PSF TO TRUSS DESIGN.

TRUSS DESIGN CRITERIA N.T.S. 4

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COMMONWEALTH OF VIRGINIA

ELIAS RUNAR JOHANSSON
No. 0402-045957
Professional Engineer

07/15/2019

DATE	DESCRIPTION
6/3/19	DESIGN COMMENTS

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

Pizza Hut

DELCO LITE
001.03.00

STRUCTURAL DETAILS (ROOF)

S4.2

PLOT DATE:	5/09/19
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6/3/19	DESIGN COMMENTS

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

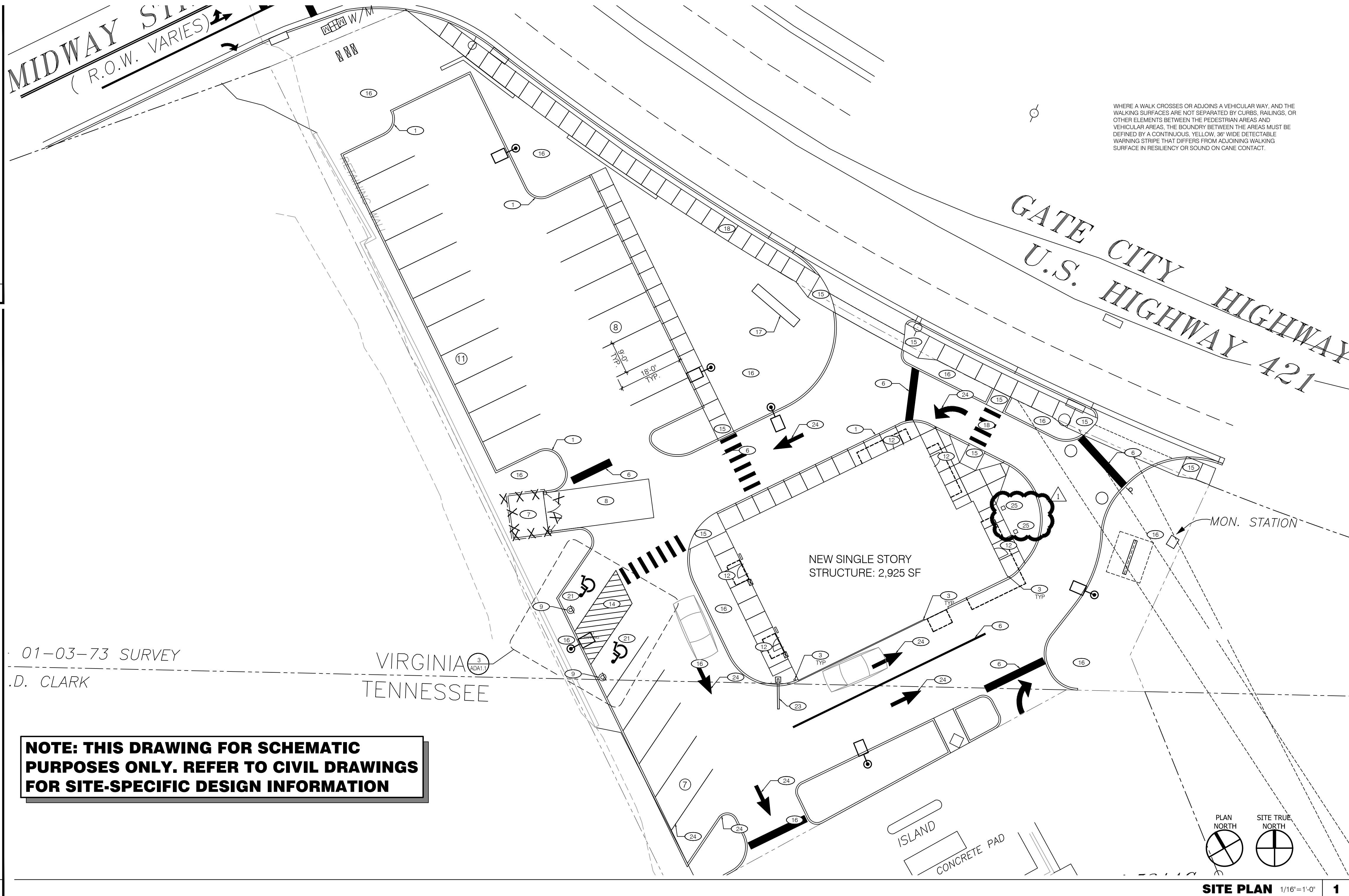


DELCO LITE
001.03.00

SITE PLAN
& DETAILS

A0.0

PLOT DATE: 05.09.19



- CONTRACTOR SHALL CONTACT THE PROPER AUTHORITIES TO CONFIRM THE LOCATIONS OF ALL EXISTING UTILITIES AND HAVE SAME MARKED BEFORE PROCEEDING WITH ANY DIGGING OR OTHER SITE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING THE FINISH FLOOR ELEVATION (ABOVE SEA LEVEL) BASED ON EXISTING FIELD CONDITIONS INCLUDING GRADES, DRAINAGE, UTILITIES, ACCESSIBLE ROUTES, ETC. AND SHALL OBTAIN APPROVAL OF SAME FROM THE OWNER'S CONSTRUCTION MANAGER BEFORE PROCEEDING WITH THE WORK.
- CONCRETE PAVING WITHIN 5'-0" OF EXTERIOR DOORS SHALL SLOPE AWAY FROM BUILDING AT 2%.
- GRADE/SOIL SHALL SLOPE 1% MINIMUM AWAY FROM ALL SLAB EDGES AND SHALL BE HELD DOWN 6 1/2" MINIMUM FROM THE TOP OF THE CONCRETE SLAB.
- ALL ACCESSIBLE ROUTES ON SITE SHALL COMPLY WITH ALL ADA REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH THOSE REQUIREMENTS.
- MAINTAIN POSITIVE DRAINAGE ON SITE AND INFORM THE OWNER'S CONSTRUCTION MANAGER OF ANY ISSUES WITH SAME BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL CONFIRM THE BUILDING LOCATION ON THE SITE WITH THE OWNER'S CONSTRUCTION MANAGER BEFORE PROCEEDING WITH THE WORK.

- CONCRETE CURB AND GUTTER. SEE CIVIL DRAWINGS.
- NOT USED.
- PIPE BOLLARD. SEE CIVIL DRAWINGS.
- NOT USED.
- NOT USED.
- PAVEMENT MARKINGS PER CITY CODE. SEE CIVIL DRAWINGS.
- TRASH ENCLOSURE. SEE CIVIL DRAWINGS.
- CONCRETE PAVING. SEE CIVIL DRAWINGS.
- ACCESSIBLE PARKING SIGN. SEE CIVIL DRAWINGS.
- NOT USED.
- NOT USED.
- MANEUVERING SPACES AT EXTERIOR DOORS SHALL BE LEVEL (1:48 MAX SLOPE IN ANY DIRECTION)
- NOT USED.
- ACCESSIBLE PARKING SPACES AND ACCESS AISLE SHALL BE LEVEL (1:48 MAX SLOPE IN ANY DIRECTION)
- ACCESSIBLE CURB RAMP, MAX SLOPE 1:12
- LANDSCAPING
- SIGN (BY OTHERS)
- ACCESSIBLE ROUTE WITHIN SITE TO SLOPE MAX 1:20 IN DIRECTION OF TRAVEL WITH A CROSS SLOPE NOT TO EXCEED 1:48
- NOT USED.
- NOT USED.
- ACCESSIBLE PARKING STALLS & SIGNAGE. REF. SHEET ADA 1.1 AND CIVIL DRAWINGS.
- NOT USED.
- CLEARANCE BAR BY AWNING CONTRACTOR - BASE BY G.C. REF. STRUCTURAL FOR BASE. REFER TO DETAIL 3/A0.0.
- DIRECTIONAL PAVEMENT MARKERS - PAINTED.
- GROUND MOUNTED LED FLOOD LIGHT - AS APPROVED BY OWNER. FINISH AND LOCATION TO BE COORDINATED WITH LANDSCAPING AND OWNER.

SITE PLAN NOTES

5

KEY NOTES

6

NOT USED

2

PICK UP SIGN

3/8"=1'-0"

3

△	6/3/19	DESIGN COMMENTS
△		
△		
△		
△		
△		
△		
△		

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

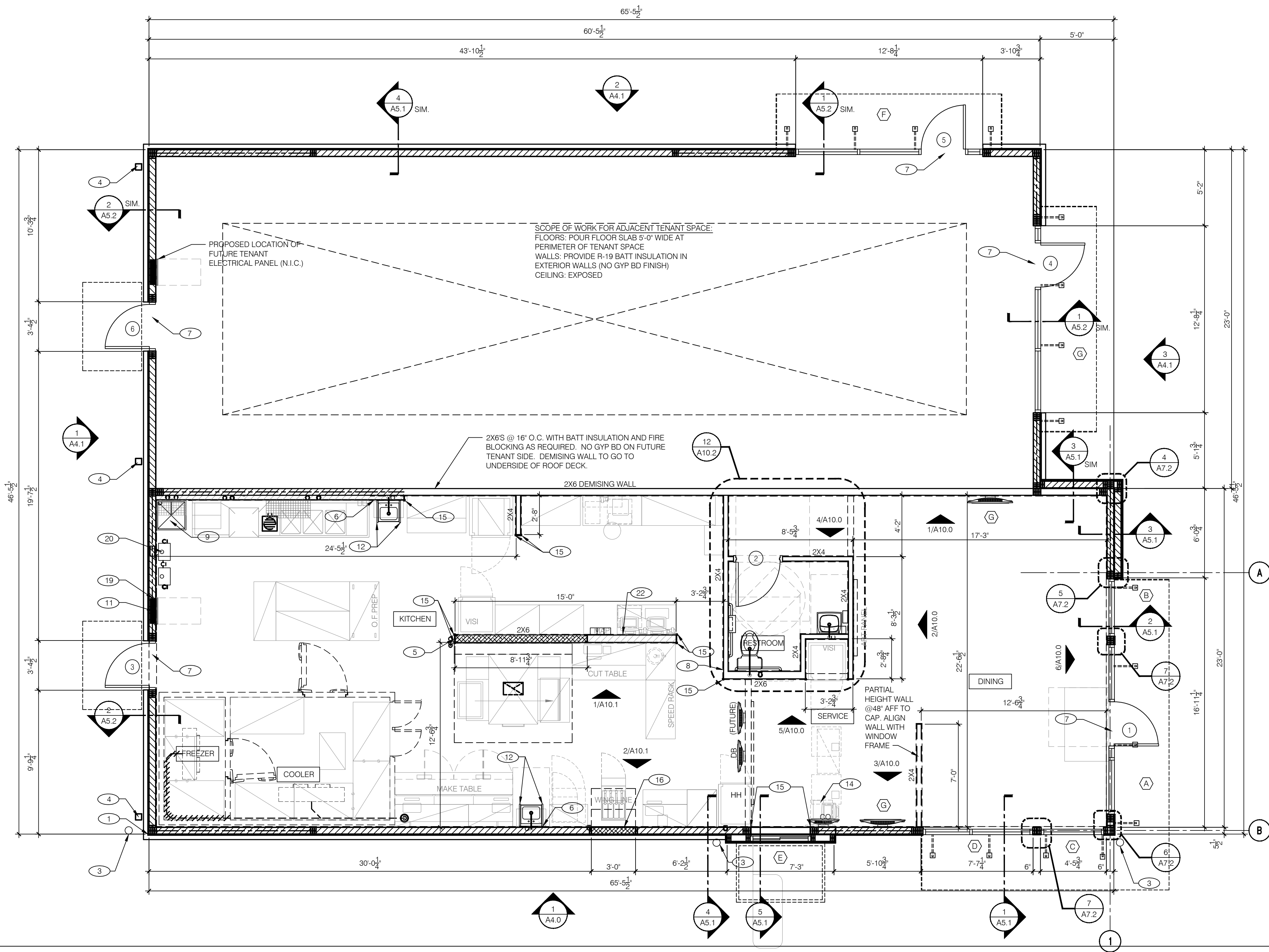


DELCO LITE
001.03.00

FLOOR PLAN

A1.0

PLOT DATE: 05.09.19



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

EXTERIOR SHEAR WALL:
2x6 WD STUDS AT 16" O.C. W/ 1/2" EXTERIOR GRADE
PLYWD (CDX) SHEATHING (SEE STRUCT. DWGS. FOR
ADDITIONAL INFORMATION.) AND R-19 FIBERGLASS BATT
INSULATION U.O.N.
AT DOUBLE FACE SHEAR WALLS (SEE STRUCTURAL
DWGS.): PROVIDE 1/2" CDX PLYWOOD ON INTERIOR FACE
OVER ENTIRE LENGTH OF WALL SURFACE. NAIL PER
SHEAR WALL REQUIREMENTS AT SECTIONS INDICATED AS
SHEAR WALLS. GYP. BD. AND OTHER FINISHES SHALL BE
APPLIED OVER STRUCTURAL PLYWD. WHERE OCCURS.

TYPICAL EXTERIOR WALL:
2x6 (OR 2x8 WHERE NOTED) WD STUDS AT 16" O.C. W/ 1/2"
EXTERIOR GRADE PLYWD (EXP 1) SHEATHING AND R-19
FIBERGLASS BATT INSULATION U.O.N.

TYPICAL INTERIOR WALL:
2x4 (OR 2x6 WHERE NOTED) WD STUDS AT 16" O.C.
W/ 5/8" TYPE X GYP. BD. SUBSTRATE U.O.N. USE 5/8"
GLASS-MAT FACED BACKER BD. BEHIND ALL CERAMIC
WALL TILE. U.O.N.

MASONRY
HOODWALL: 6" MTL. STUDS W/ STAINLESS STL. PANEL OR
WALL TILE OVER 5/8" CEMENT BD. - SEE SCOPE OF WORK
& STRUCT. FOR MORE INFO. STAINLESS STL. PANEL TO
COVER ENTIRE WALL FROM 18" ABOVE TOP OF HOOD
DOWN TO TOP OF BASE TILE AND EXTEND PAST ENDS OF
HOOD AS REQ'D BY LOCAL JURISDICTION - MIN. 18". NO
EXPOSED SCREWS OR ATTACHMENTS.

DASHED LINE INDICATES SUBSTRATE LOCATION. ALL
WALLS SHALL BE AS INDICATED EXCEPT FROM TOP OF
SLAB TO 12" ABOVE SLAB SHALL BE 5/8" CEMENT BOARD.
U.O.N. THIS NOTE DOES NOT APPLY TO EXTERIOR FACE
OF EXTERIOR WALLS OR PLYWOOD SHEAR CONDITIONS.

TYPICAL INTERIOR LOW WALL:
2x4 STUDS AT 16" O.C. (2x6 OR 2x8 WHERE NOTED) W/
5/8" TYPE X GYP. BD. U.O.N. USE 5/8" GLASS-MAT TILE
BACKER BD. BEHIND ALL CERAMIC TILE U.O.N.

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

WALL LEGEND

2

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 ARE MIN. REQ'D. NET CLEARANCE FROM FACE OF
WALL / WAINSCOT FINISH. REFER TO DWG A2.0 FOR CRITICAL "HOLD" EQUIPMENT
CLEARANCES. 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 5/8" THICK CEMENTITIOUS BD. FROM FLOOR SLAB TO 12" A.F.F. MIN. IN LIEU
OF GYP. BD. 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. SEE SHTS. A8.0 AND A10.0 THRU A10.2 FOR ROOM FINISHES.
D. ALL BACK OF HOUSE WALLS SHALL HAVE 1/2" EXPOSURE 1 PLYWD U.O.N.

DECOR:
A. SEE A2.0 FOR KITCHEN EQUIPMENT AND SEATING PLAN AND DETAILS.
B. SEE A8.0 FOR FLOOR FINISHES.
C. SEE A10.0 - A10.2 FOR INTERIOR WALL FINISHES.
D. SEE A9.0 FOR CEILING FINISHES AND HEIGHTS.

FLOOR PLAN NOTES

3










- STARTING POINT. ALL SUB-TRADES SHALL USE THIS POINT AS A BEGINNING LAY-OUT
(OUTSIDE FACE OF EXT. WALL STUDS)
- NOT USED
- PIPE BOLLARD, SEE 1/A0.0 & CIVIL
- PREFINISHED GALV. METAL DOWNSPOUTS, SEE SHEETS A4.1 & A7.0
- ELECTRICAL MAIN SWITCH BOARD
- 3/4" PLYWOOD BACKING BEHIND WALL MOUNTED SINKS AS REQUIRED
- ALUMINUM THRESHOLD. SEE DOOR HARDWARE SCHEDULE SHEET A1.1
- FIRE EXTINGUISHERS (PER LOCAL CODE) TO BE FURNISHED AND INSTALLED BY G.C.
CONFIRM LOCATIONS WITH FIRE MARSHAL
- MOP SINK LOCATION
- NOT USED
- ELECT. PANEL, SEE ELECT. DRAWINGS
- SPLASH GUARD. SEE DETAIL 11/A11.0
- NOT USED

- SAFE PEDESTAL, SEE DETAIL 1/A11.0
- 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 15/A11.0
- HOOD WALL WITH METAL STUDS & ONE LAYER 5/8" CEMENT BD. THIS FACE, SEE WALL
LEGEND & STRUCT.
- NOT USED
- NOT USED
- 2'-0" X 4'-0" X 3/4" B/C PLYWOOD TELEPHONE BOARD PAINTED TO MATCH FRP, SEE
ELECT. DRAWINGS
- INSTANTANEOUS WATER HEATERS MOUNTED ABOVE CEILING. SEE PLUMBING SHEETS
- NOT USED
- 3/4" PLYWOOD BACKING BEHIND WALL MOUNTED SHELVING, MONITORS, ETC. - VERIFY
ALL LOCATIONS, SIZES AND MOUNTING HEIGHTS WITH OWNER'S REP.

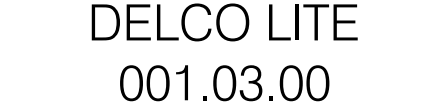
KEY NOTES

4

COMMONWEALTH OF VIRGINIA
 ELLIS L. MCINTOSH JR.
 Lic. No. 0401009230
 ARCHITECT 10/2019

	6/3/19	DESIGN COMMENT:
		
		
		
		
		
		
		
		

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VA 24201



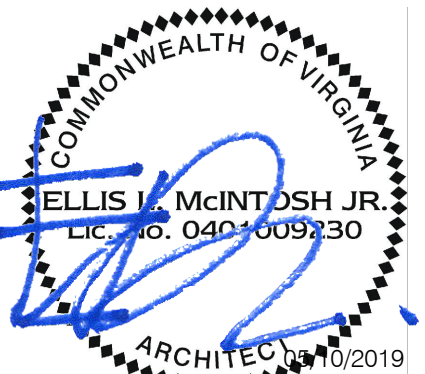
A1.1

PLOT DATE: 05.09.15



4





LICENSE NUMBER: 0401009230
EXPIRATION: 07/31/2019 (ELM)

[illegible]

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
ITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXXX

70 GATE CITY HIGHWAY
BRISTOL, VA 24201

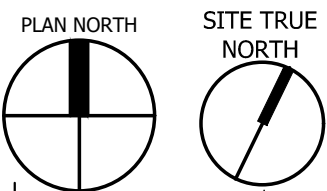
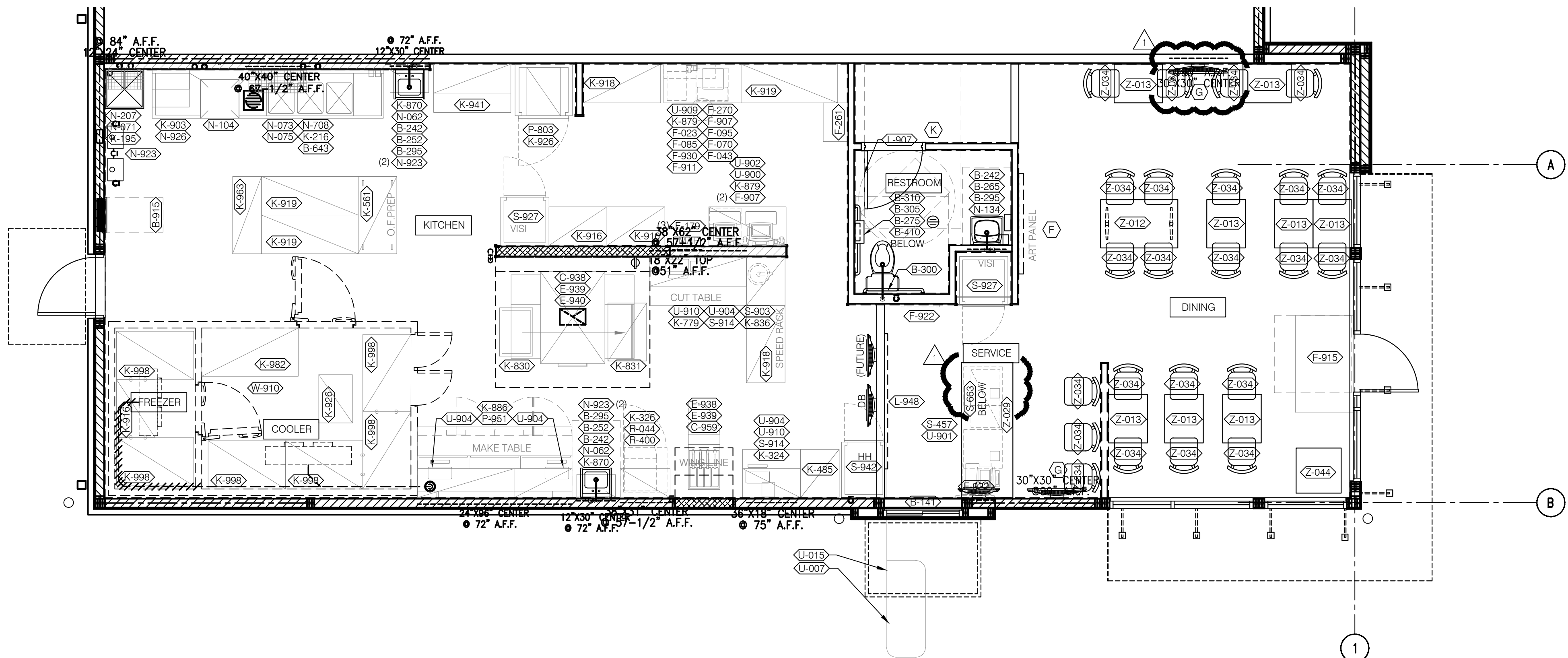


DELCO LITE
001.03.00

EQUIPMENT PLAN

A2.0

LOT DATE: 05.09.15



EQUIPMENT/SEATING PLAN $1/4'' = 1' - 0''$

[illegible]

HC ACCESSIBLE SEATING

DECOR
1. REFER TO SCOPE OF WORK FOR RESPONSIBILITIES

KEY NOTES

NOT USED

NOT USED	3
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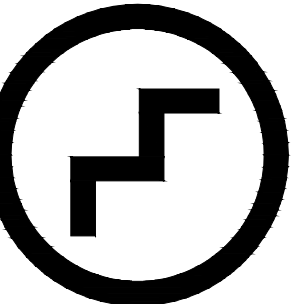
EQUIPMENT SCHEDULE

NO.	QTY	BY G.C.		ITEM DESCRIPTION	MFR. & MODEL NUMBER	PLUMB	ELECT	GAS	REMARKS	NO.
		SUPPLY	INST.							
B CONTRACTOR BUILDING ELEMENTS										
B-141	1		X	SLIDING WINDOW LEFT HANDLE, SLIDES RIGHT	QUICKSERV # SC-4030				USE B-140 FOR RIGHT HANDLE, SLIDES LEFT; DARK BRONZE	B-141
B-242	3		X	SOAP DISPENSER (WALL MOUNT)	KAY CHEMICAL #92021176				SURFACE MTD	B-242
B-252	2		X	SANITIZER DISPENSER	KAY CHEMICAL #92021175					B-252
B-265	1		X	MIRROR, 18" x 36"	BOBRICK #B-165-1836				SURFACE MTD.	B-265
B-275	1		X	TOILET PAPER DISPENSER	BOBRICK B2890				SURFACE MTD	B-275
B-295	3		X	PAPER TOWEL DISPENSER	BOBRICK #B-2620					B-295
B-300	1		X	GRAB BAR 1-1/2" DIA X 36" S.S. FIN.	BOBRICK #B6806X36				SURFACE MTD	B-300
B-305	1		X	GRAB BAR 1-1/2" DIA X 42" S.S. FIN.	BOBRICK #B6806X42				SURFACE MTD	B-305
B-310	1		X	GRAB BAR 1-1/2" DIA X 18" S.S. FIN.	BOBRICK #B6806X18				SURFACE MTD	B-310
B-400	1		X	WASTE BASKET - 32 GALLON	RUBBERMAID #2632 (GREY)				NOT SHOWN ON PLANS	B-400
B-405	3		X	WASTE BASKET	RUBBERMAID SLIM JIM #3541 (GREY)				NOT ALL SHOWN ON PLANS	B-405
B-406	2		X	WASTE BASKET	RUBBERMAID #2956 (BLACK)					B-406
B-410	1		X	SANITARY NAPKIN DISPOSAL	RUBBERMAID #6140				SURFACE MTD	B-410
B-643	1		X	KAY CHEMICALS DISPENSING SYSTEM	KAY CHEMICALS SYSTEM KIT 0187					B-643
B-915	1	X	X	SWITCHGEAR PACKAGE	SEE S O W. FOR COMPANY VS FRANCHISE		X		INCLUDES BRANCH PANELS	B-915
C COOKING EQUIPMENT										
C-938	1		X	PIZZA HUT OVEN, TWO STACK	PS840 WOW TWO STACK W/ AVI HOOD		X	X	W/ START UP, (CAST IRON FINISH); NATURAL GAS	C-938
C-959	1		X	GAS FRYER	FITCO FRIALATOR #PH-SFSSH60W		X	X		C-959
D DECOR										
D-591	2		X	MENU HOLDER	CALMILL					D-591
E EXHAUST HOODS/FIRE SUPP.										
E-930	1		X	OVEN HOOD - STAINLESS STEEL 8'	CAPTIVE AIRE #7230ND296PHLITE09		X		SEE HOOD MFR. DRAWINGS	E-930
E-931	1		X	OVEN HOOD BACKSPLASH	CAPTIVE AIRE #BS96X80PHLITE09		X		SEE HOOD MFR. DRAWINGS	E-931
E-938	1		X	FRYER HOOD 36"	CAPTIVE AIRE #3044BD2	X	X		SEE HOOD MFR. DRAWINGS	E-938
E-939	1		X	STAINLESS STEEL WALL PANEL	CAPTIVE-AIRE #BSFH96X72				SEE HOOD MFR. DRAWINGS	E-939
E-940	1		X	OVEN HOOD BACKSPLASH	CAPTIVE AIR #BS96X96PH		X		SEE HOOD MFR. DRAWINGS	E-940
F OFFICE/EMPLOYEE/MUSIC/MISC.										
F-023	1		X	MANAGERS STOOL	B&B SYSTEMS #4060550					F-023
F-027	1		X	FILE CABINET (2 DRAWER HIGH)	HON # HON312CPL					F-027
F-031	1		X	COAT HOOKS	BOBRICK # B-212				NOT SHOWN ON PLANS	F-031
F-043	1			PH OFFICE COMPUTER			X		POS PROVIDED	F-043
F-070	1			PH MONITOR-OFFICE			X		POS PROVIDED	F-070
F-085	1			OFFICE PRINTER/ COPIER/ FAX/ SCANNER			X		POS PROVIDED	F-085
F-095	1			PH UPS			X			F-095
F-178	1		X	SAFE	AMERICAN SECURITY#9336131		X			F-178
F-179	3		X	DRIVER DROP BOX	JR DROPBOX #DD-330					F-179
F-261	1		X	12 COUNT EMPLOYEE LOCKERS	Louisville Mill #5342-2SU					F-261
F-265	4		X	HIGH CHAIR	KIDSITTER				NOT SHOWN ON PLANS	F-265
F-270	1		X	FIRST AID KIT	#PRST2617					F-270
F-907	3		X	WALL TELEPHONE						F-907
F-911	1		X	FILE CABINET	LOUISVILLE MILL 312PCL				PLACE UNDER MANAGERS DESK	F-911
F-915	1		X	FLOOR MAT-CHARCOAL, 3'x5'	WSM #800503					F-915
F-922	1		X	BLACK 24x30 LICENSE FRAME	ACCUSERV #FFST					F-922
F-924	2		X	SNAP FRAMES					PICTURE FRAMED MAKE CHARTS	F-924
F-930	1		X	WAVE TELEPHONE SYSTEM						F-930
K WORKSTATIONS/SHELVING/CARTS										
K-195	1		X	WALL GRID SYSTEM	METRO #PHSG24				MOUNT TOP RAIL AT 81" SEE CUTSHEET	K-195
K-216	1		X	WALL MOUNTED SHELF SYSTEM	METRO #PHSS36					K-216
K-324	1		X	WINGSTREET 36" SAUCING STATION	METRO #PHWF36B					K-324
K-326	1		X	WINGSTREET WALL PREP STATION-30"W x 20"L x 36"H	METRO # PHWPW30					K-326
K-485	1		X	24" x 30" x 74" 5-SHELF UNIT	METRO #PHH2130					K-485
K-561	1		X	24" x 48" SECONDARY PREP. TABLE	METRO #PHSS24					K-561
K-828	1		X	LID BIN - BLACK CART FOR TRIPLE STACK OVENS	METRO #PHSEP23					K-828
K-830	1		X	LID BIN - WHITE CART	ROTONICS #41BT-06 (B&B SYSTEMS #04070875)					K-830
K-831	1		X	24" x 36" PAN CART	METRO #PHCTCRT23					K-831
K-836	1		X	WALL MOUNTED QUALITY STATION AND BOX SYSTEM	METRO #PHWBS5				MOUNT AT 81" A.F.F.	K-836
K-839	1		X	72" CUT TABLE	METRO #PHDBRCUT				PROVIDED BY OWNER	K-839
K-870	2		X	14"x24" WIRE WALL SHELF UNIT	METRO #WS1424A					K-870
K-879	2		X	48" ORDER ENTRY STATION / MANAGERS DESK	METRO #PHMW48D					K-879
K-886	1		X	MAKETABLE OVERSHELF 18" x 96" W/HOOKS & PRINTER	METRO #PHMTS8A				MOUNT AT 81" A.F.F	K-886
K-903	1		X	UNDERSINK SHELVING UNIT	METRO #PHUS1824					K-903
K-916	3		X	24" x 36" x 74" 5-SHELF UNIT	METRO #PH112C					K-916
K-918	4		X	24" x 48" x 74" - 5 SHELF	METRO # PH112E					K-918
K-919	3		X	24" x 60" x 74" 5-SHELF UNIT	METRO #PH112G					K-919
K-926	4		X	DOUGH CART 21" x 30"	METRO #PHDC2130B					K-926
K-941	1		X	PREP. TABLE	METRO #PHPREP3048C					K-941
K-963	1		X	18" x 48" x 74" 5-SHELF UNIT	METRO #PH111E					K-963
K-982	2		X	30" x 60" x 74" - 5 SHELF	METRO #PH114G					K-982
K-998	8		X	30" x 48" x 74" - 5 SHELF	METRO #PH114E					K-998
L LIGHTING/SIGNAGE/MENU BOARDS										
L-064	1		X	STORE HOURS DECAL	GRAPHICS SYSTEMS, INC.					L-064
L-110	1		X	NO SMOKING SIGN	GRAPHICS SYSTEMS, INC.				#PIZNOSMOKESUBDEL	L-110
L-904	1		X	STREET NUMBER SIGN	GRAPHICS SYSTEMS, INC.				MOUNT @ 8'-6" A.F.F.	L-904
L-907	2		X	HAND WASH SIGN	GRAPHICS SYSTEMS, INC.					L-907
L-909	1		X	DELIVERY DRIVERS ONLY SIGN	GRAPHICS SYSTEMS, INC.					L-909
L-910	1		X	NO DELIVERIES AFTER 11:00 AM SIGN	GRAPHICS SYSTEMS, INC.					L-910
L-948	1		X	BULKHEAD METAL PANEL ART	MAY ADVERTISING #CUSTOM-PH LOC SIGN					L-948

EQUIPMENT SCHEDULE

NO.	QTY	BY G.C.		ITEM DESCRIPTION	MFR & MODEL NUMBER	PLUMB	ELECT	GAS	REMARKS	NO.
		SUPPLY	INST							
N SINKS/DISHWASHERS										
N-062	2		X	HAND SINK	AERO #HSK-SKV		X			N-062
N-071	1		X	MOP SINK FAUCET	T&S #B2465		X			N-071
N-073	1		X	3 COMP FAUCET	T&S #B-156		X			N-073
N-075	1		X	PRE-RINSE UNIT	T&S #B-0133-B		X			N-075
N-104	1		X	LEASED DISHWASHER - ECOLAB	KAY QSR TSC LO-TEMP		X	X	LOW TEMP. DISHWASHER	N-104
N-134	1		X	LAVATORY FAUCET W / 4" WRIST HANDLES	T & S BRASS # B2460		X			N-134
N-207	1		X	MOP SINK BASIN	MUSTEE #M63		X			N-207
N-708	1		X	THREE COMP SINK	AERO #3F3-DC-YUM-LH48NF		X			N-708
N-923	4		X	HAND SINK SPLASH GUARDS	AERO #HAND SINK SPLASH					N-923
N-926	1		X	DISH TABLE EXTENSION	AERO #3CDR30					N-926
P FOOD PREPARATION										
P-533	1		X	GREASE SHUTTLE	AERO #SSA925					P-533
P-803	1		X	1 COMP PROOFER	TRAULSEN #RPP132L-FHS-LH			X		P-803
P-951	1		X	8' PIZZA MAKETABLE	RANDELL #PH96E3		X	X		P-951
R REFRIGERATION										
R-044	1		X	1-DOOR UNDERCOUNTER WINGSTREET FREEZER	DELFIELD #403-DHR-WS1			X		R-044
R-210	1		X	REF. 12 PAN TOP UPPER W/ LID/DRAWERS LOWER	D4427N-12M-M652			X		R-210
R-212	1		X	UNDER COUNTER MERCHANDISER	STRUCTURAL CONCEPTS #C033RUC			X		R-212
R-400	1		X	OVER COUNTER REFRIGERATOR	BEVAIR #UCR20Y141			X	MOUNTED ON SHELF	R-400
S SERVING/PICK-UP										
S-457	1		X	BAG HOLDER	FRANKE #27012968					S-457
S-663	1		X	18" x 36" x 27" UNDER COUNTER SHELF	METRO # PHEXPO3					S-663
S-903	1		X	7 QT. SAUCE WARMER W/ SAUCE PUMP	VOLLRATH #72018 SERVER PUMP #83019			X		S-903
S-914	2		X	TICKET STRIP - 36"	SAN JAMAR #CK6536A					S-914
S-927	2		X	BEVERAGE COOLER	VISICOOLER			X	SEE SCOPE OF WORK (PEPSI PROVIDED)	S-927
S-942	1		X	HOT HOLDING CABINET SINGLE DOOR	WINSTON #HA4522ZHR3A			X		S-942

McIntosh



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Telephone 918.585.8555
Telefax 918.583.7282



LICENSE NUMBER: 0401009230
EXPIRATION: 07/31/2019 (ELM)

6/3/19 DESIGN COMMENTS

CONTRACT DATE: 05.08.19
BUILDING TYPE: DELCO LITE
PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



DELCO LITE
001.03.0

6/3/19	DESIGN COMMENTS

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

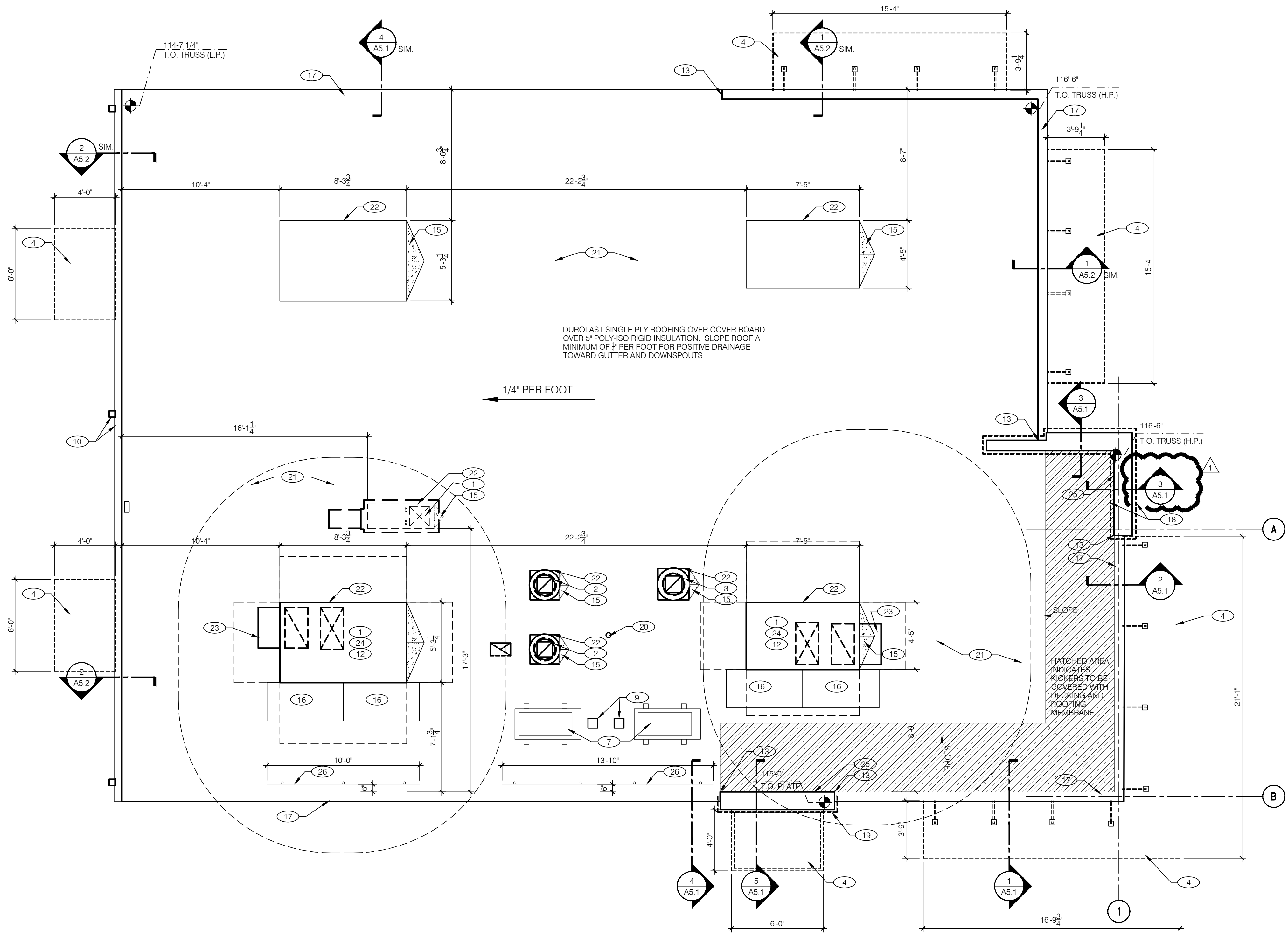


DELCO LITE
001.03.00

ROOF PLAN

A3.0

PLOT DATE: 05.09.19



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

WATERPROOFING:

- A. TOP NAILING AT PARAPET CAP FLASHING WILL NOT BE ACCEPTED.
B. PENETRATIONS IN ROOFING MEMBRANE AND FLASHING SHALL ONLY BE MADE AS INDICATED ON THE DRAWINGS OR SPECS.
C. 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.

ROOF INSULATION:

- A. RIGID BOARD, INSULATION TYPE 3. REFER TO SPECIFICATION SECTION 07210.
B. BOARD THICKNESS TO BE DETERMINED BY SITE-SPECIFIC REGIONAL REQUIREMENTS; 1/4" MINIMUM (PER ROOFING SYSTEM STANDARD).

ROOFING SYSTEM:

- A. DURO-LAST SINGLE-PLY SYSTEM. REFER TO SPECIFICATIONS SECTION 07523.
B. G.C. SHALL COORDINATE ALL INSTALLATION REQUIREMENTS.

ROOF CRICKETS:

- A. CRICKETS @ ROOFTOP EQUIPMENT SHALL BE FORMED WITH TAPERED INSULATION TO SUCH AN EXTENT AS TO PROVIDE A POSITIVE MIN. 1/2" SLOPE TO THE VALLEY.

ROOF PLAN NOTES 2

- 1 ROOFTOP UNIT. SEE: MECHANICAL SHEETS. INSTALL PLUMB AND LEVEL. COORDINATE SIZE OF CURB WITH RTU MANUFACTURER.
2 KITCHEN HOOD EXHAUST FAN. SEE: MECHANICAL SHEETS & DETAILS 13 & 14/A7.0.
3 RESTROOM EXHAUST FAN. SEE: MECHANICAL SHEETS & DETAILS 13 & 14/A7.0.
4 METAL CANOPY. SEE SCOPE OF WORK.
5 NOT USED.
6 NOT USED.
7 WALK-IN COOLER / FREEZER CONDENSERS ON PRESSURE TREATED BLOCKING. SEE SCOPE OF WORK.
8 NOT USED.
9 PIPE HOOD FOR CONDENSER LINES. SEE DETAIL 9/A7.0.
10 PREFINISHED BLACK GALV. METAL GUTTER AND DOWNSPOUT. SEE DETAIL 11/A7.0 & 1/A4.1
11 NOT USED.
12 MAINTAIN MFR'S ROOFTOP UNIT MAINTENANCE CLEARANCES.
13 TRANSITION BETWEEN PARAPET HEIGHTS. SEE DETAIL 4/A7.0.
14 SEE SCOPE OF WORK FOR WALL SIGNAGE, TYP.
15 ROOF CRICKET.

- 16 30x60 ROOFING WALKWAY PADS. SEE ROOF SPECS.
17 PREFINISHED DURO-GUARD METAL COMPRESSION SYSTEM. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SEE WALL SECTIONS.
18 SEE 7/A7.1 FOR ROOFING, FLASHING & LED STRIP LIGHTING AT PARAPET
19 SEE 12/A7.1 FOR FLASHING & LED STRIP LIGHTING AT PARAPET
20 PLUMBING VENT - REF. PLUMBING - SEE DETAIL 10/A7.0
21 DUROLAST ROOFING SYSTEM. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
22 HVAC ROOF CURB. SEE DETAIL 16/A7.0.
23 OUTSIDE AIR INTAKE FOR ROOFTOP UNIT. MAINTAIN MIN 10'-0" SEPARATION FROM PLUMBING VENTS, FLUES AND BUILDING EXHAUST.
24 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.
25 12' x 12" FACTORY FINISHED WHITE GALVANIZED METAL WATERTIGHT LOCKING ACCESS PANEL FOR PARAPET COPING L.E.D. TRANSFORMER. VERIFY LOCATIONS, QUANTITIES AND SIZES WITH ALL EQUIPMENT REQUIREMENTS.
26 ROOF PROTECTION RAIL & POSTS - SEE DETAIL 12/A7.0

KEY NOTES 3



SIGNAGE DETAIL	NTS	2
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SIGNAGE DETAIL	NTS	3
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SIGNAGE & AWNING SCHEDULE	4
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NOT USED	NTS	5
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EXTERIOR FINISH SCHEDULE	6
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GENERAL NOTES

KEY NOTES



A4.0

PLOT DATE: 05.09.19

6/3/19	DESIGN COMMENTS
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△	
△	
△	
△	
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△	

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXXX

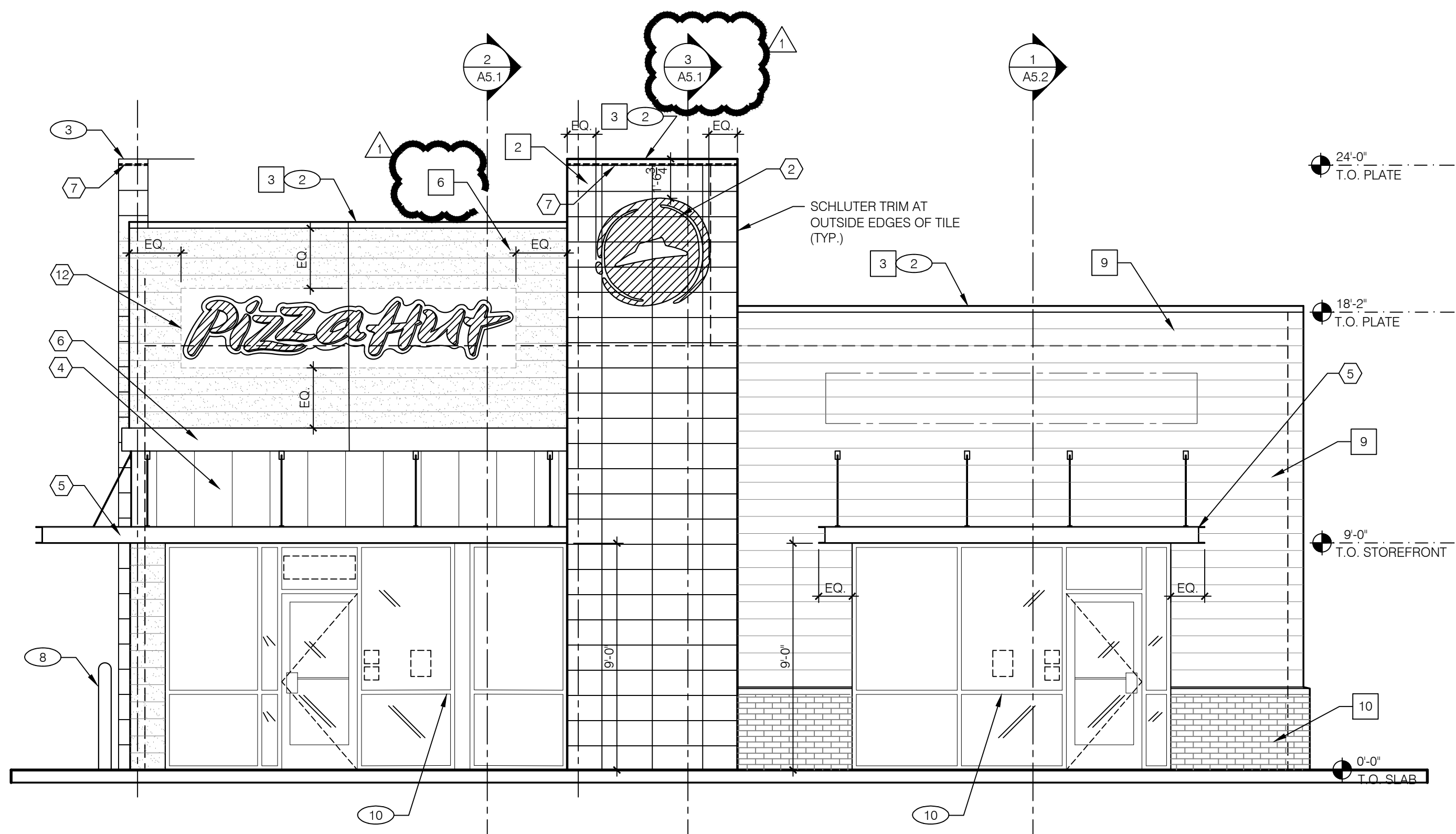
PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VA 24201


DELCO LITE
001.03.00

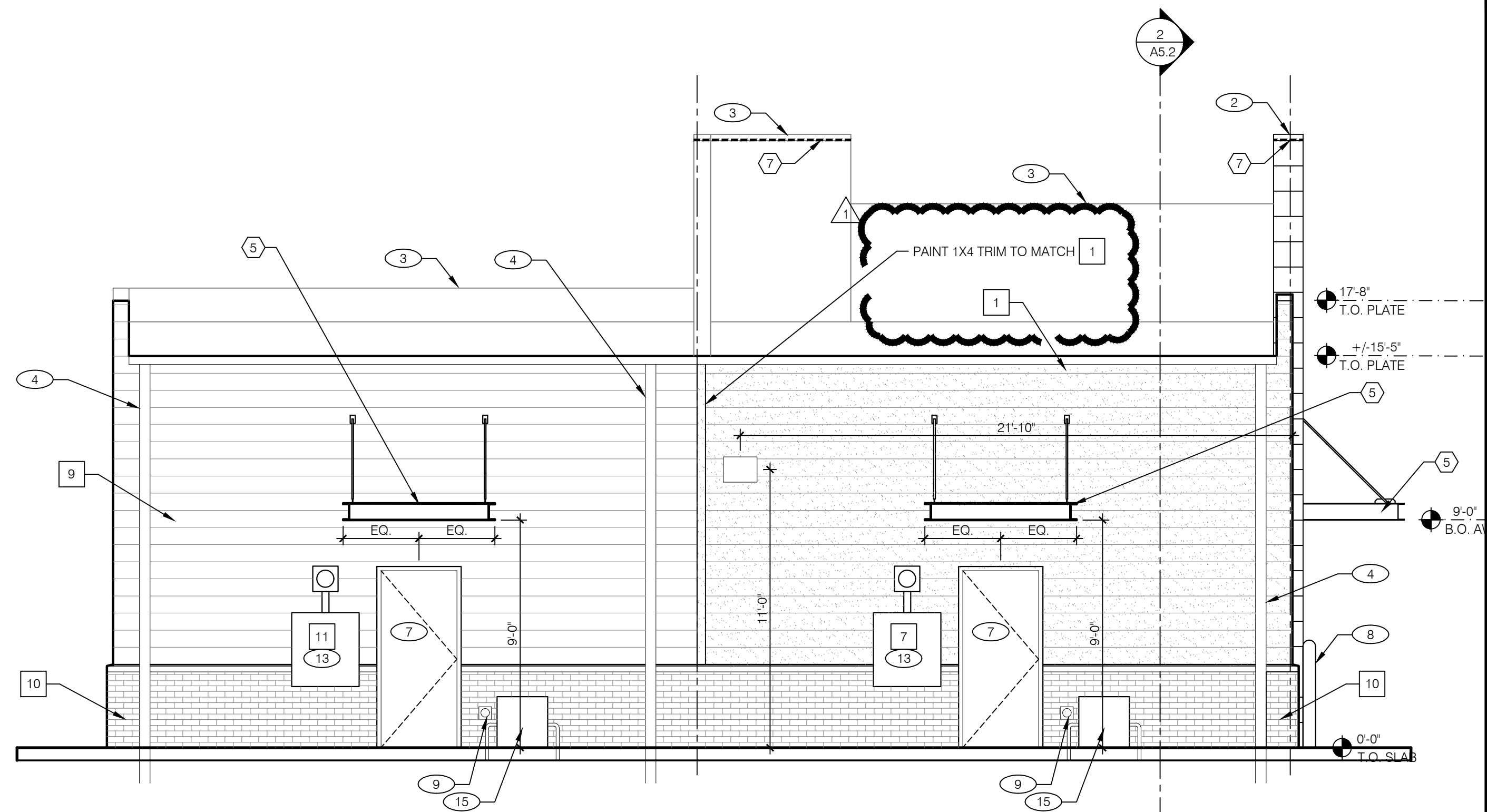
EXTERIOR
ELEVATIONS

A4.1

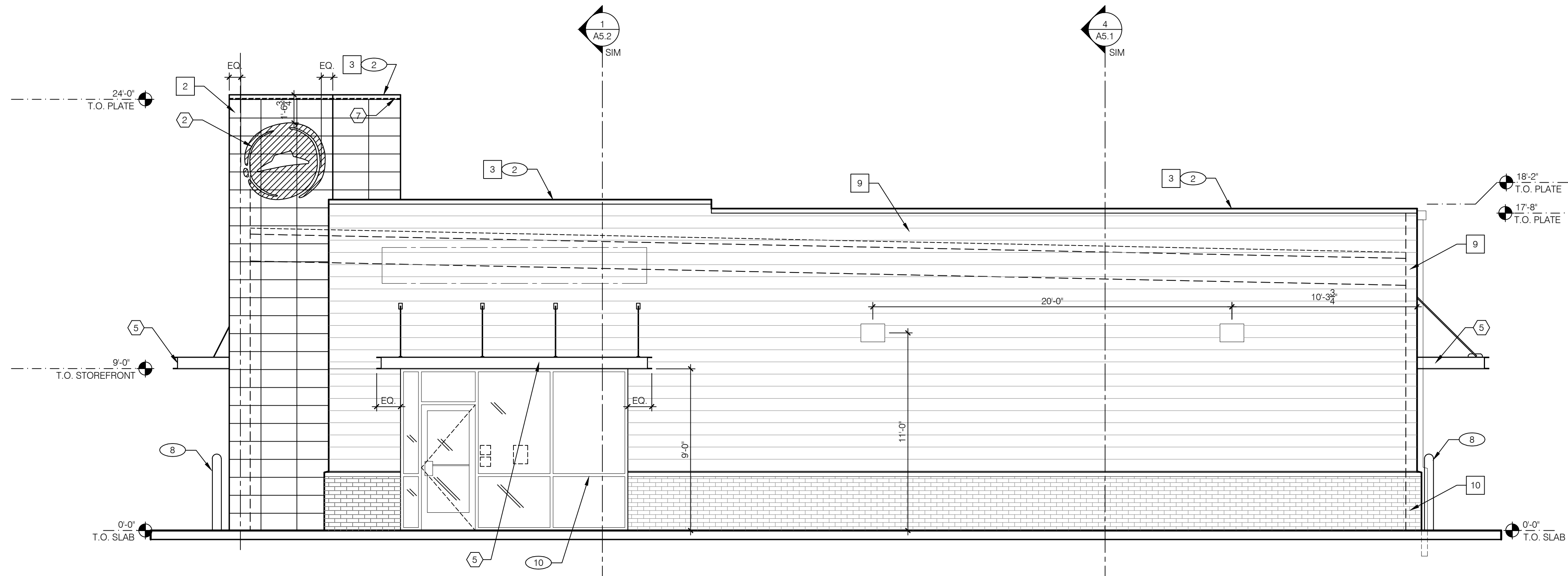
PLOT DATE: 05.09.19



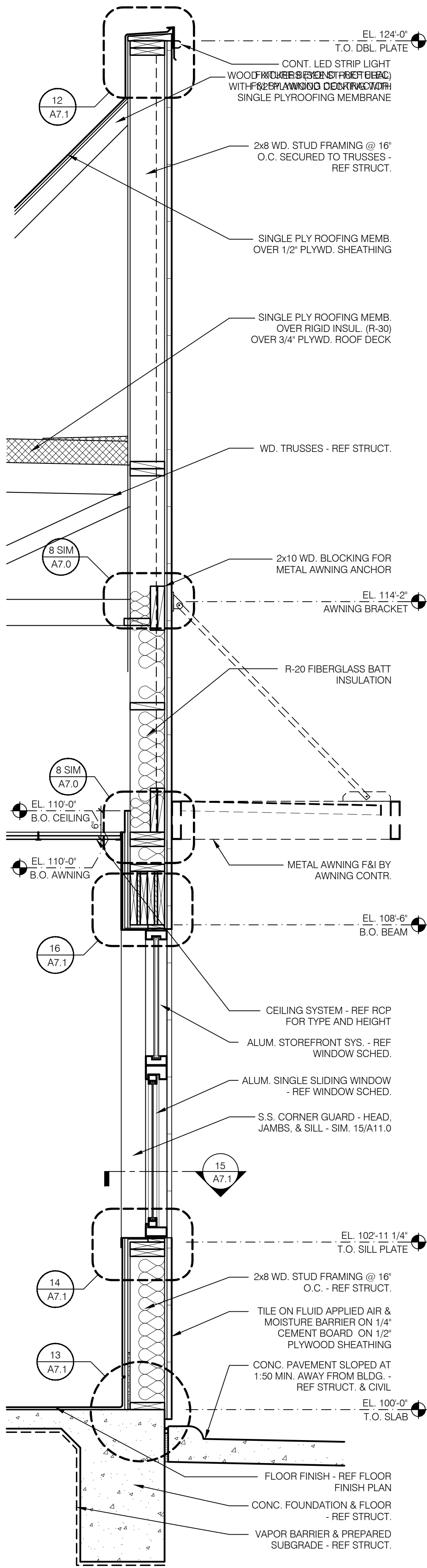
FRONT ELEVATION 1/4" = 1'-0" 3



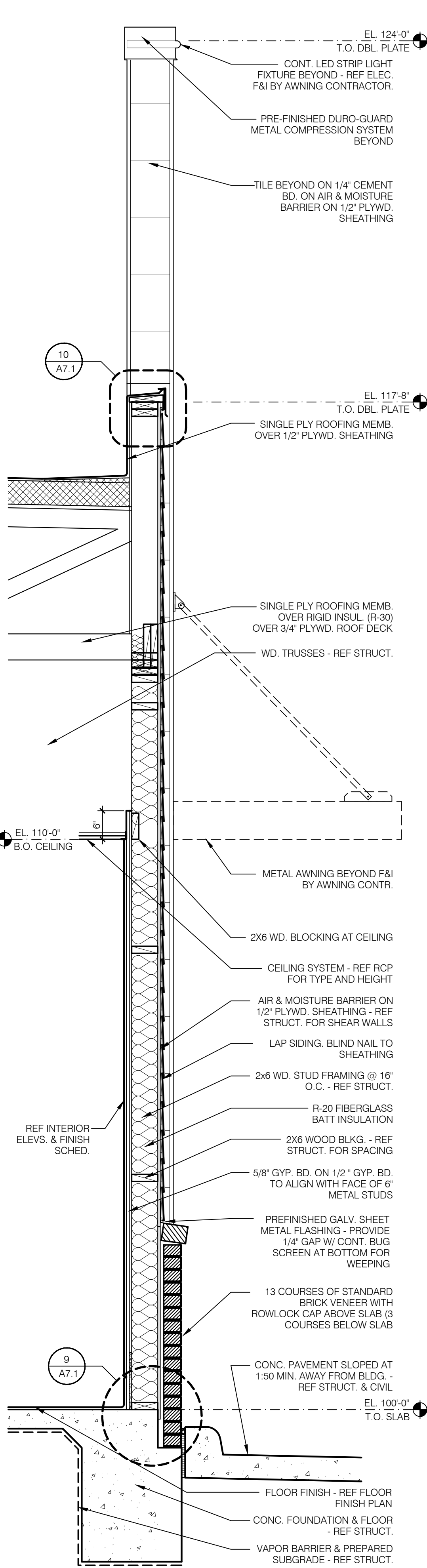
REAR ELEVATION 1/4" = 1'-0" 1



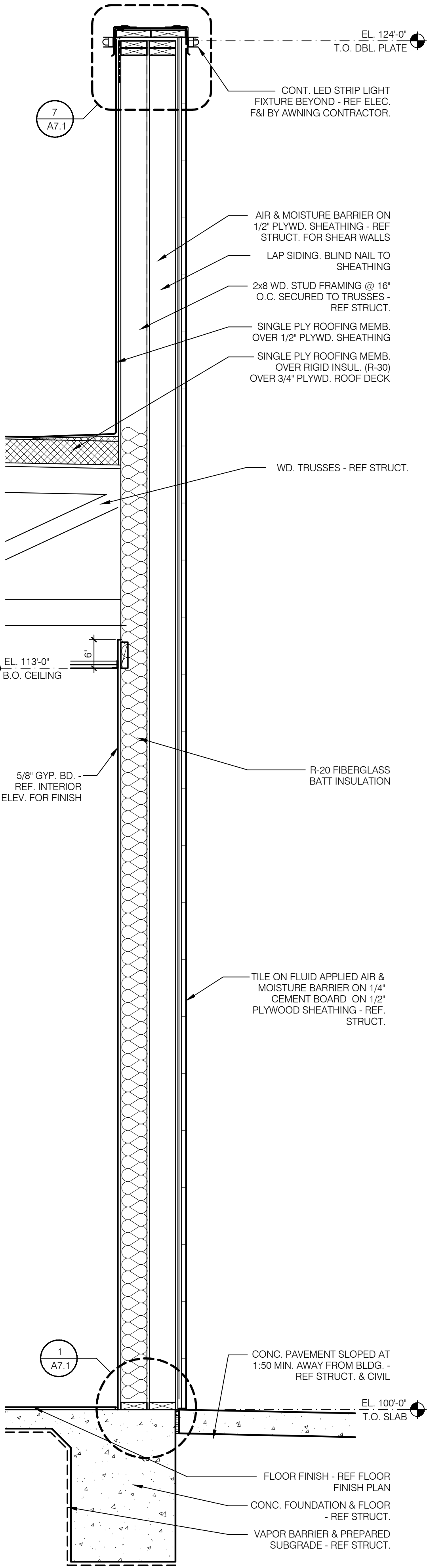
SIDE ELVATION 1/4" = 1'-0" 2



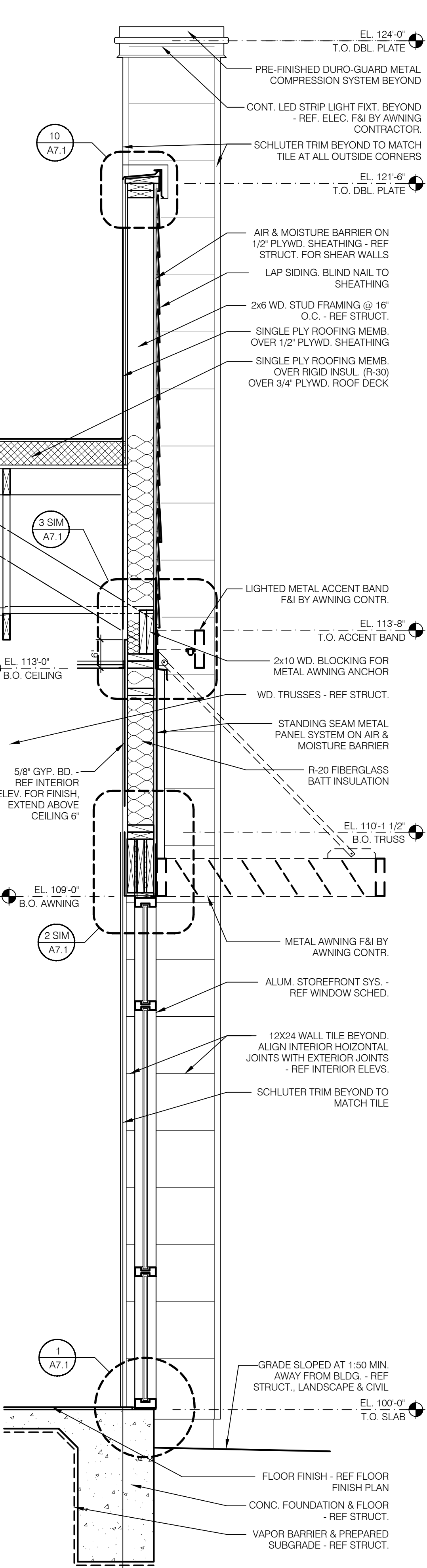
PICK UP WINDOW 3/4" = 1'-0" 5



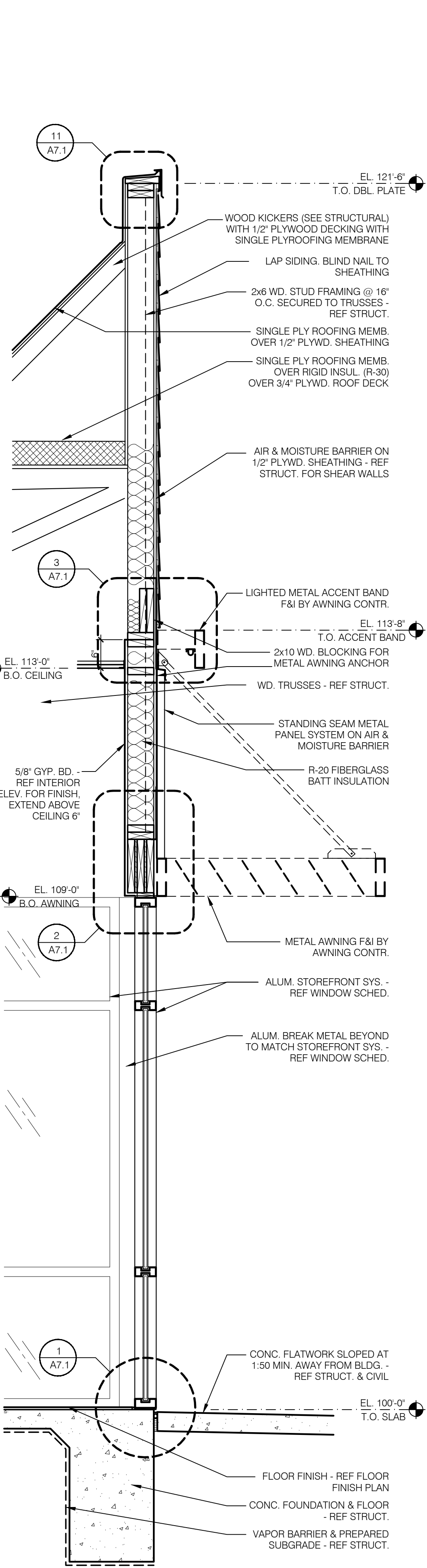
PICK-UP WALL 3/4" = 1'-0" 4



DINING STOREFRONT 3/4" = 1'-0" 3



DINING STOREFRONT 3/4" = 1'-0" 2



DINING STOREFRONT 3/4" = 1'-0" 1

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COMMONWEALTH OF VIRGINIA

ELLIS L. MCINTOSH JR.
Lic. No. 0401009230
ARCHITECT

LICENSE NUMBER: 0401009230
EXPIRATION: 07/31/2019 (ELM)

6/3/19	DESIGN COMMENTS

CONTRACT DATE:	05.08.19
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PLAN VERSION:	01.29.16
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PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

Pizza Hut

DELCO LITE
001.03.00

**WALL
SECTIONS**

A5.1

PLOT DATE: 05.09.19

[illegible]

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



WALL SECTIONS

A5.2

PLOT DATE: 05.09.15



NOT USED

NTS

18

LEAF GUARD OR DEBRIS SCREEN, GC TO COORDINATE WITH OWNER.

6"x6" ALUMINUM GUTTER

METAL FLASHING & CAULK LAP SIDING, BLIND NAIL TO SHEATHING 2x6 WOOD FRAMING

4"x4" PRE-FINISHED BLACK GALV. METAL DOWNSPOUT TIED TO UNDERGROUND. SEE CIVIL DRAWINGS. SEE EXTERIOR ELEVATIONS PER LOCATION.

(2) 2x6 TOP PLATE

ROOFING MEMBRANE OVER INSULATION OVER 3/4" PLYWOOD DECK. HEAT-WELD TO DURO-LAST PREFABRICATED THRU-WALL SCUPPER (SIZE PER LOCAL RM'TS.)

NOTE: CONDUCTOR HEADS TO BE FABRICATED AND INSTALLED PER ARCHITECTURAL SHEET METAL MANUAL (SMACNA) DETAILS

GUTTER AND DOWNSPOUT

1 1/2" = 1'-0"

11

NOT USED

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

7

TYPICAL CONSTRUCTION. TILE OR SIDING

FLASHING TAPE

STARTER TRACK W/ WEEP HOLES

1/2" GAP ALONG SIDES WITH BACKER ROD & SEALANT

MIN. 24 GA. G.I., SECURED W/ APPROPRIATE FASTENERS - SOLDER ALL JOINTS AND SEAMS

COPING TO TRANSITION

N.T.S.

4

NOT USED

3" = 1'-0"

17

STANDARD CURB BASE, FASTEN PER MFR'S RECOMMENDATIONS

ELECTRICAL CONDUIT GALVANIZED NAILS @ 6" O.C.

SCREW THRU NEOPRENE WASHER, 3 PER SIDE

PREFABRICATED CUSTOM CURB FLASHING

(2) TAPERED 2x12 WD CURB OVER 2x SECURED TO DECK

ROOFING MATERIAL

NOTE: EXHAUST FAN SHALL BE LEVEL WITHIN 1/8" OVER WIDTH OF CURB

EXHAUST FAN CURB

1 1/2" = 1'-0"

14

TYPICAL VENT PIPE

S.S. BAND POSITIONED 1/4" FROM TOP OF STACK FLASHING

DURO-LAST PRE-FABRICATED VENT STACK FLASHING

DURO-LAST ROOFING MATERIAL OVER RIGID INSULATION

2x SOLID BLOCKING STACKED W/ DRILLED HOLE FOR PIPE PENETRATION

SEALANT @ PENETRATION

SEALED PIPE FLASHING

1 1/2" = 1'-0"

10

LAP SIDING, BLIND NAIL TO SHEATHING

2x STRUCTURE

EXTERIOR GRADE PLYWOOD

BACKER ROD ALL AROUND BOX

RECESSED HOSE BIB BOX. SEE PLUMBING FOR SPEC.

WALL CLAMP

FILL VOID WITH SELF EXPANDING FOAM AFTER BOX IS INSTALLED

AIR & MOISTURE BARRIER

HOSE BIBB

N.T.S.

6

NOT USED

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

3

HVAC UNIT

UNIT COUNTERFLASHING W/ NEOPRENE PERIMETER GASKET

1" HEAD NAILS AT 6" O.C.

KNOCK-DOWN FLAT METAL CURB - SEE SCOPE OF WORK

1/2" PLYWOOD SECURED TO CURB

CURB FLASHING

TAPERED SLEEPER TO LEVEL CURB

ROOFING MATERIAL OVER RIGID INSULATION

NOTE: RTU SHALL BE LEVEL WITHIN 1/8" OVER LENGTH OF EQUIPMENT

HVAC CURB

3" = 1'-0"

16

KITCHEN HOOD EXHAUST FAN

HINGED BASE FOR SERVICING/ CLEANING.

SEAL WITH APPROVED MATERIAL

PRE-FABRICATED VENTILATED CURB EXTENSION

NEMA 3R FUSED DISCONNECT, MOUNT TO HINGED BASE, SEE ELEC.

SHEET METAL COUNTER FLASHING- WRAPS TOP & OUTSIDE OF CURB, EXTENDING OVER BASE FLASHING

PREFABRICATED GALV. STEEL CURB W/ INSULATION

NOTE: EXHAUST FAN SHALL BE LEVEL WITHIN 1/8" OVER WIDTH OF CURB

DUCT WRAP - SEE MECHANICAL

MIN. 16 GA. WELDED DUCT

EXHAUST FAN CURB

N.T.S.

13

MULTI PIPE GROUPING - PIPE SLOPING DOWN AWAY FROM SHROUD

MIN. 24 GA. G.I. PIPE ENCLOSURE COVER

1" HEAD NAIL @ 6" O.C.

SCREW THRU NEOPRENE WASHER, 3 PER SIDE

(2) 2x12 WD CURB OVER 2x SECURED TO DECK

BASE FLASHING

FILL AREA AROUND PIPING W/ FOAM INSULATION TO SEAL SPACES

MULTIPLE PIPE FLASHING

1 1/2" = 1'-0"

9

THE USE OF THIS DETAIL IS NOT ALLOWED ON FULLY ADHERED INSTALLATIONS

6

2

3

7

4

8

4

1

6

3

MEMBRANE SHOULD EXTEND BEYOND WOOD NAILER BY A MIN. OF 1-INCH

5

NOTES

1 WALL FINISH

2 MEMBRANE WELD PER MANUFACTURER.

3 FASTEN 6-INCHES ON CENTER WITH 1 1/4"-LONG ROOFING NAILS. INCREASE FASTENER SPACING TO 3-INCHES ON CENTER AT THE CORNERS OF THE ROOF (10'-0" MIN.). FASTENERS SHALL PENETRATE NAILER A MIN. OF 1-INCH.

4 ALLOW FOR 1/8 - INCH EXPANSION GAP BETWEEN 10-FOOT LENGTHS OF SNAP-ON BASE. OVERLAP THE SNAP-ON COVERS BY 2-INCHES BETWEEN 10-FOOT LENGTHS.

5 WHEN INSTALLING THIS DETAIL WITH A 6-INCH OR GREATER VERTICAL SURFACE, ADDITIONAL MECHANICAL ATTACHMENT IS REQUIRED ON THE SNAP ON BASE.

6 ROOF MEMBRANE

7 SNAP-ON BASE

8 FACTORY PAINTED COMPRESSION METAL COVER

NOT USED

2

NOT USED

15

METAL POST CAP- SET IN SEALANT & SCREWED TO POST

1-1/2" DIA. GALV. FENCE RAIL @ 21" & 42" ABOVE ROOF

HORIZONTAL RAILS TO EXTEND 30" BEYOND EDGE OF ROOFTOP EQUIPMENT

POST THRU ROOF JACK & ROOF MEMBRANE

SECURE RAIL TO POST W/ 3/8" GALV. THRU BOLT & NUTS

2" DIA. GALV. FENCE POST SECURED THRU ROOF DECK TO TRUSS @ 6'-0" O.C. MAX.

10 A7.0

ROOF MEMBRANE, INSULATION & PLYWOOD DECK

"U" BRACKET WITH 3/8" LAG BOLT INTO TOP & BOTTOM CORDS OF TRUSS

PAINT INTERIOR EXPOSED PIPES & BRACKETS TO MATCH TRUSSES

ROOF PROTECTION RAIL

N.T.S.

12

LAP SIDING, BLIND NAIL TO SHEATHING - TILE ON 1/4" CEMENT BOARD AT SIM.

GALVANIZED LAG SCREW

2x8 BLOCKING MIN.

SEALANT

NOTE: CAULK OPENING PRIOR TO INSERTING SCREW TO SEAL PENETRATION.

GALVANIZED STEEL BUSHING - FILL WITH SEALANT

AIR & MOISTURE BARRIER

1/2" PLYWOOD SHEATHING

BLOCKING DETAIL

1 1/2" = 1'-0"

8

PARAPET CAP

N.T.S.

5

SHEATHING SEE STRUCT.

TILE OR LAP SIDING

AIR AND MOISTURE BARRIER REFER: SPECS

GALV. METAL REGLET AND REMOVABLE FLASHING - 2 PIECE REGLET TYPE-ST FLASHING AS MANUFACTURED BY FRY CORP. OR EQUIVALENT

SINGLE PLY ROOFING MEMBRANE

8" MIN. TO ROOF

ROOF FLASHING DETAIL

N.T.S.

1

McIntosh

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COMMONWEALTH OF VIRGINIA

ELLIS L. MCINTOSH JR.
Lic. No. 0401009230
ARCHITECT

10/2019

LICENSE NUMBER: 0401009230
EXPIRATION: 07/31/2019 (ELM)

6/3/19

DESIGN COMMENTS

CONTRACT DATE:

05.08.19

BUILDING TYPE:

DELCO LITE

PLAN VERSION:

01.29.16

SITE NUMBER:

XXXXXX

STORE NUMBER:

XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

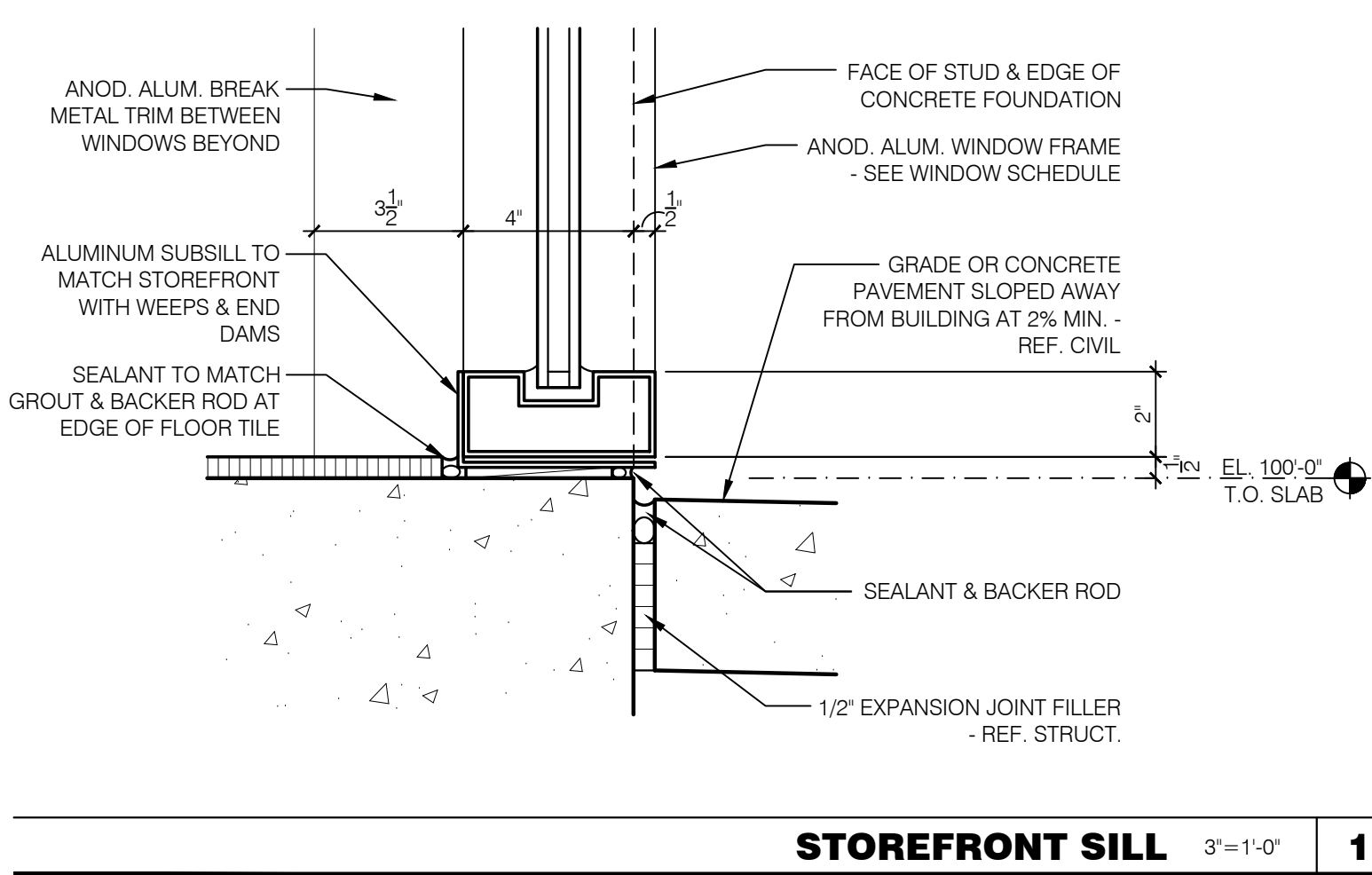
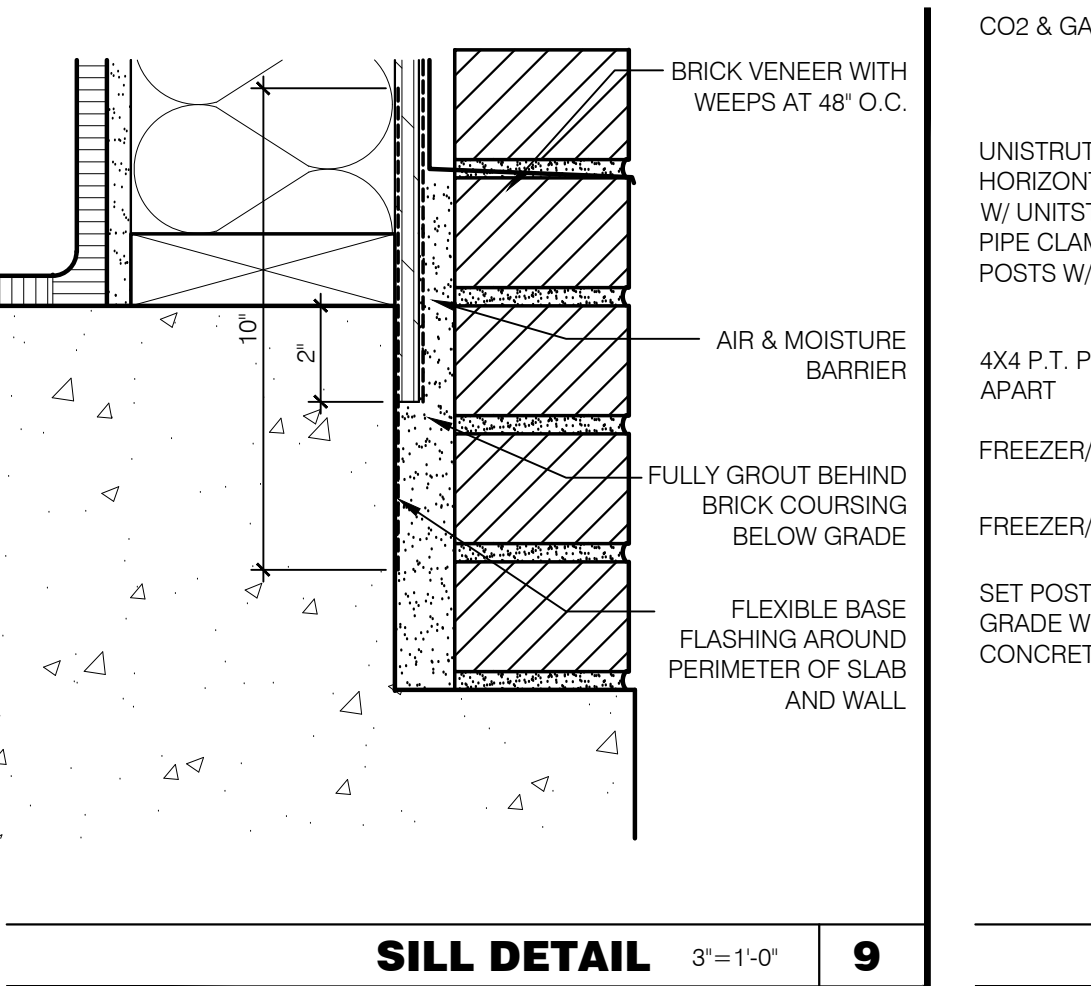
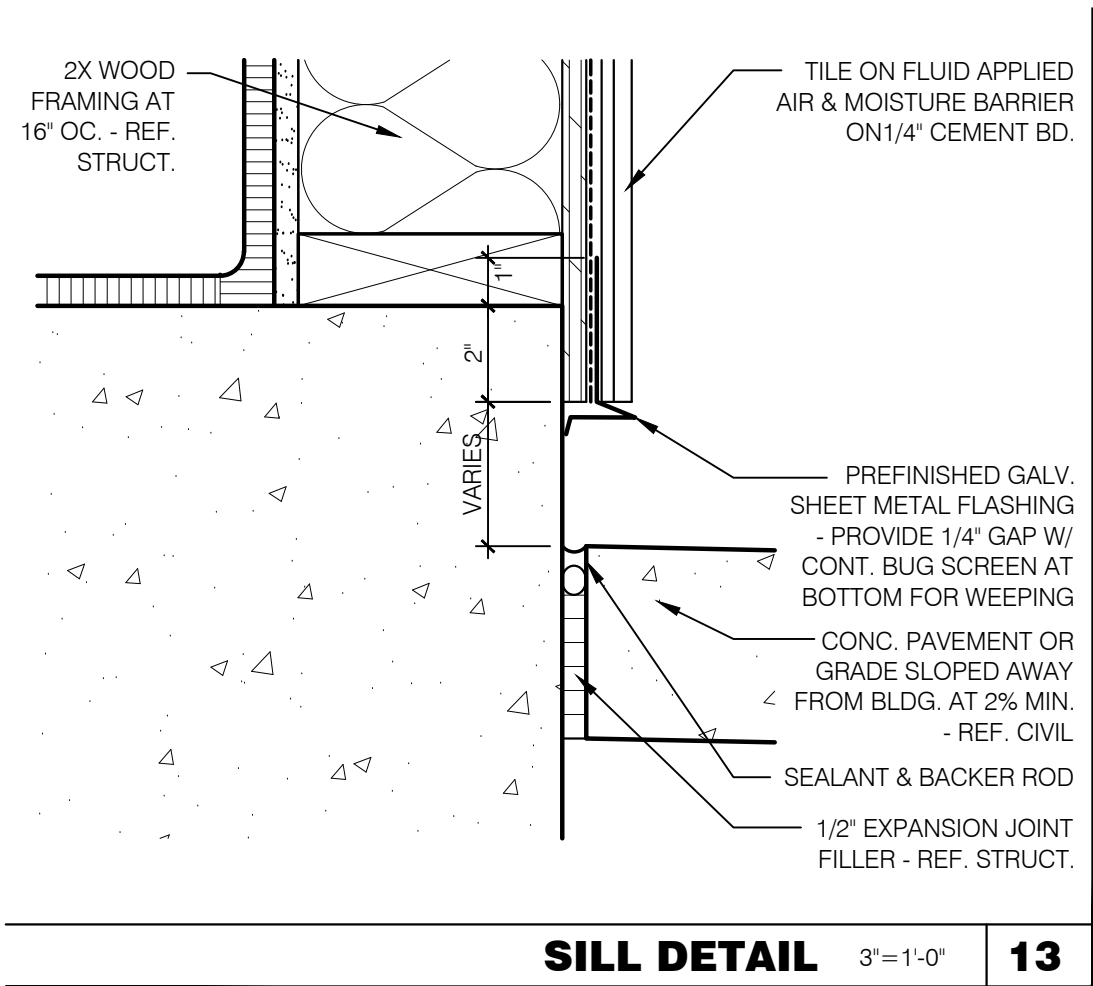
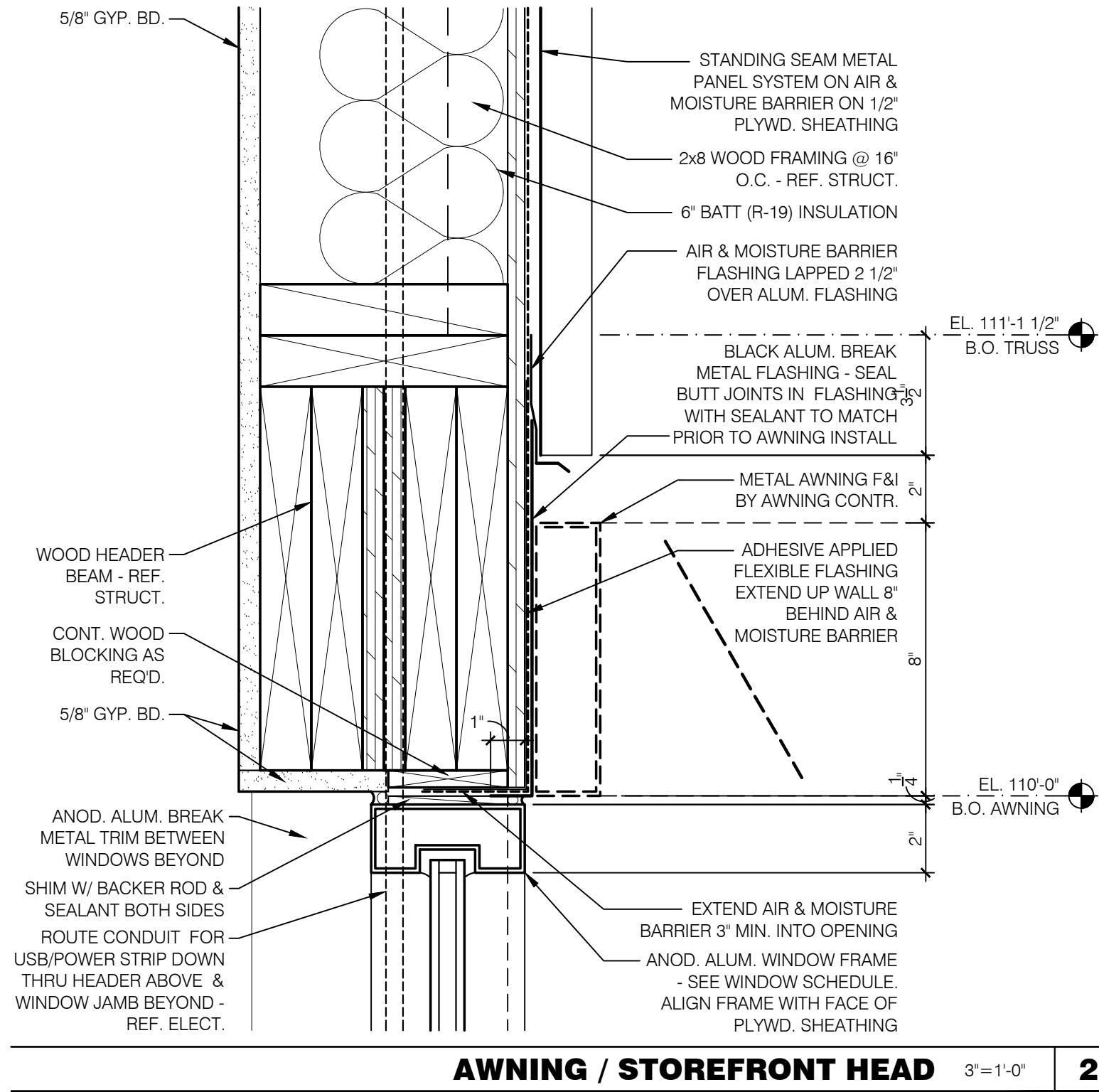
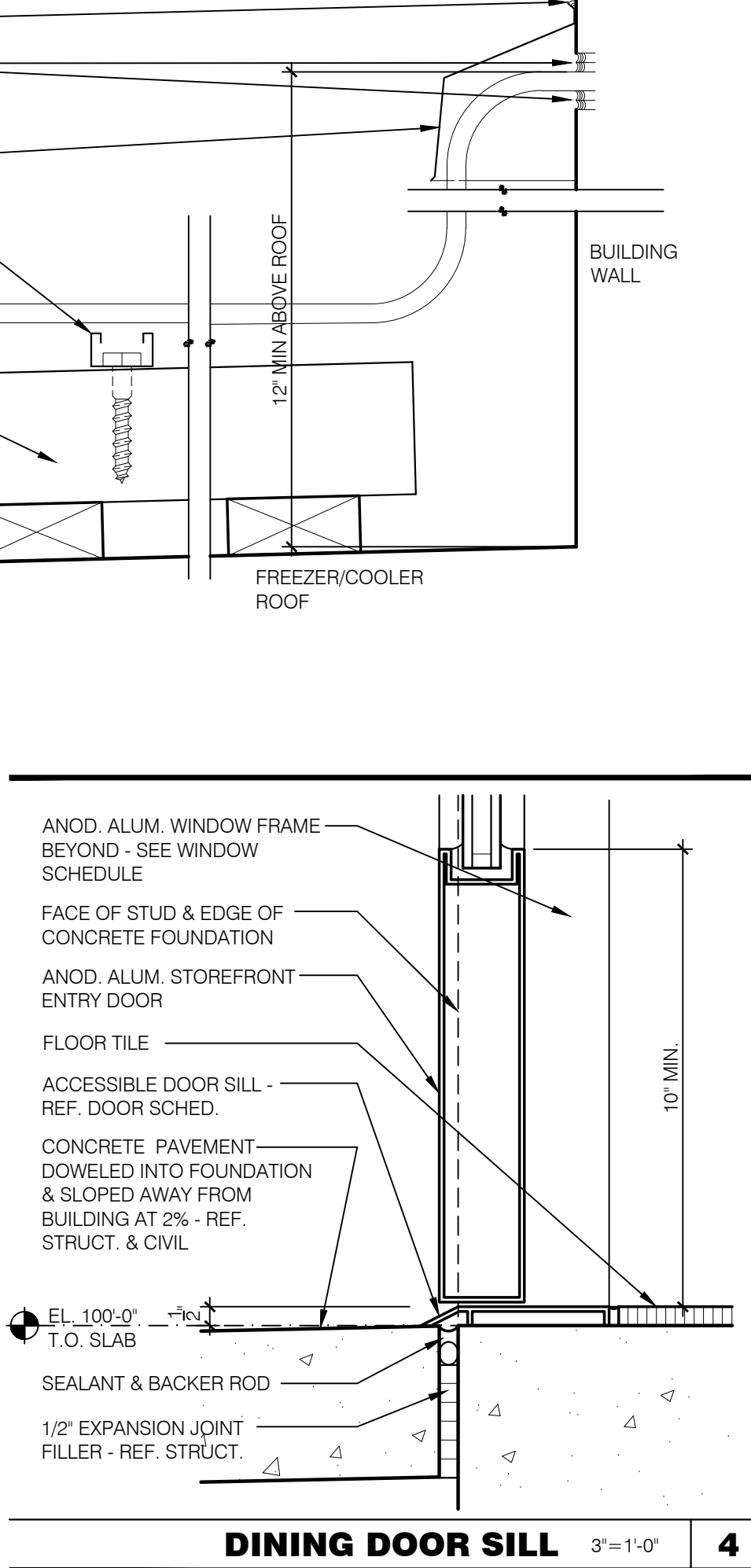
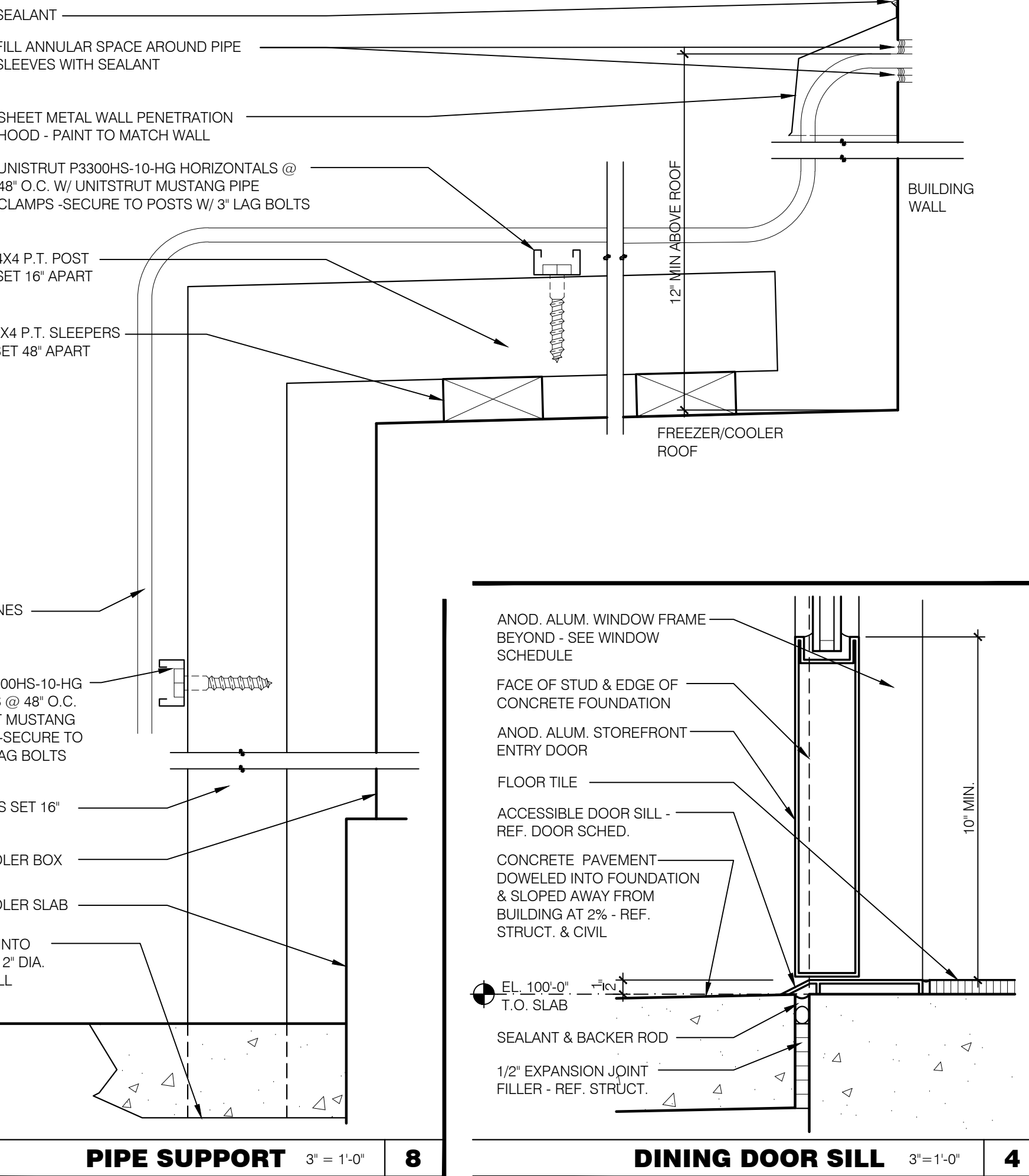
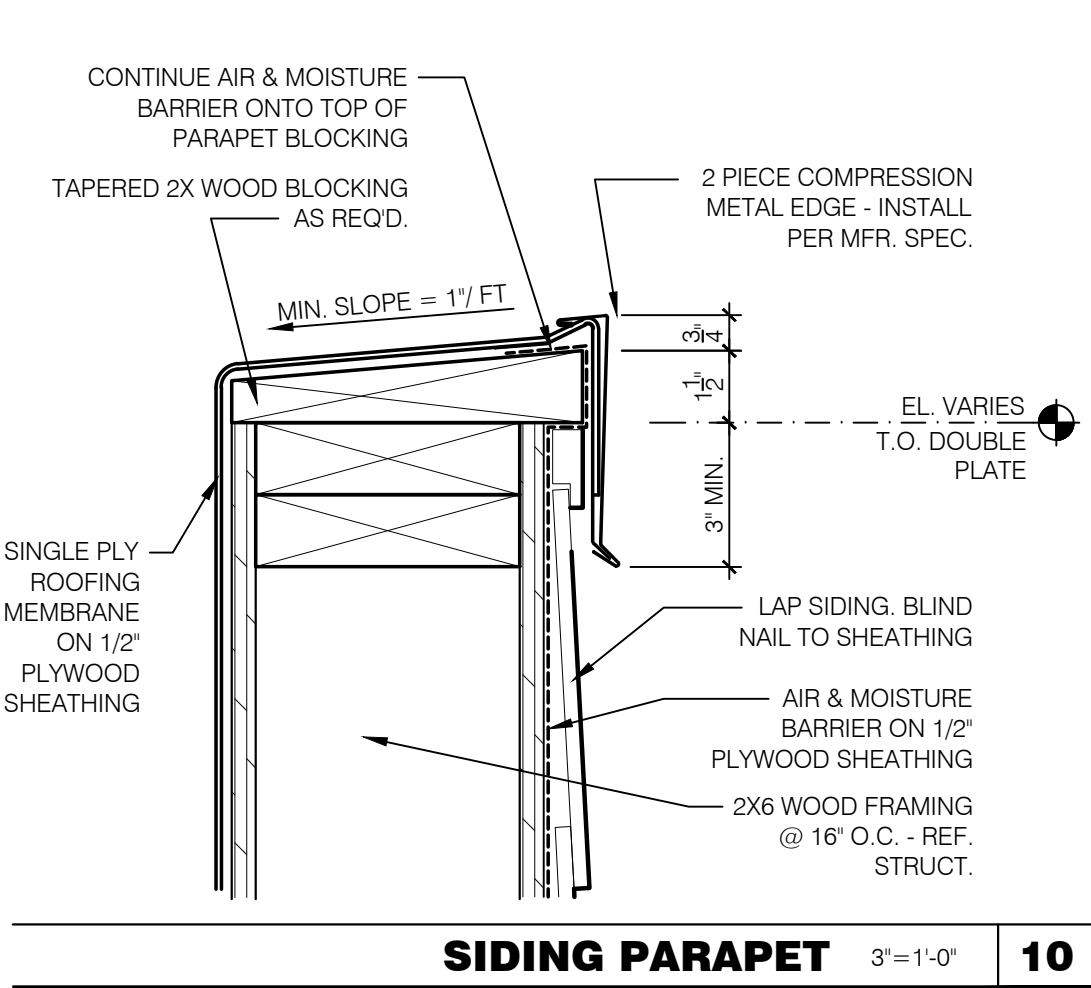
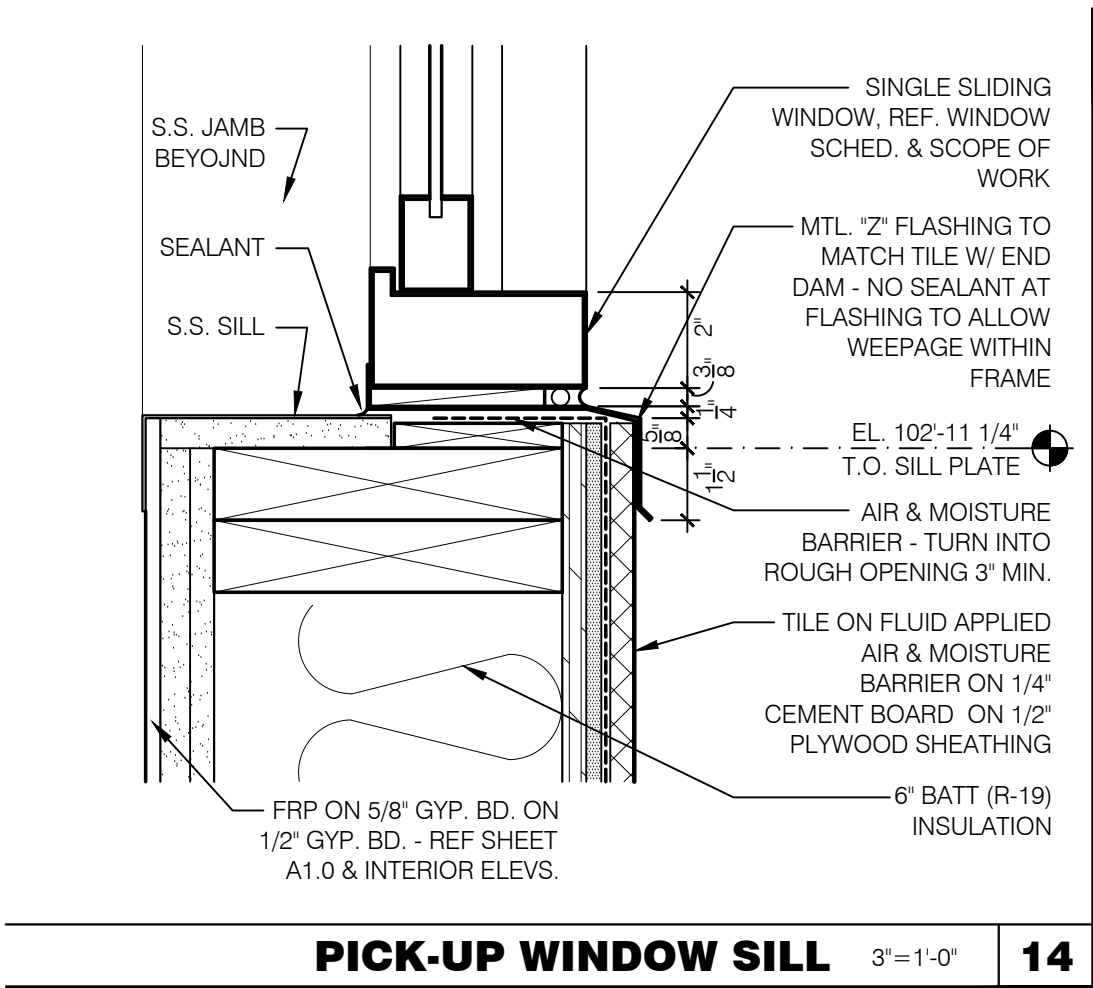
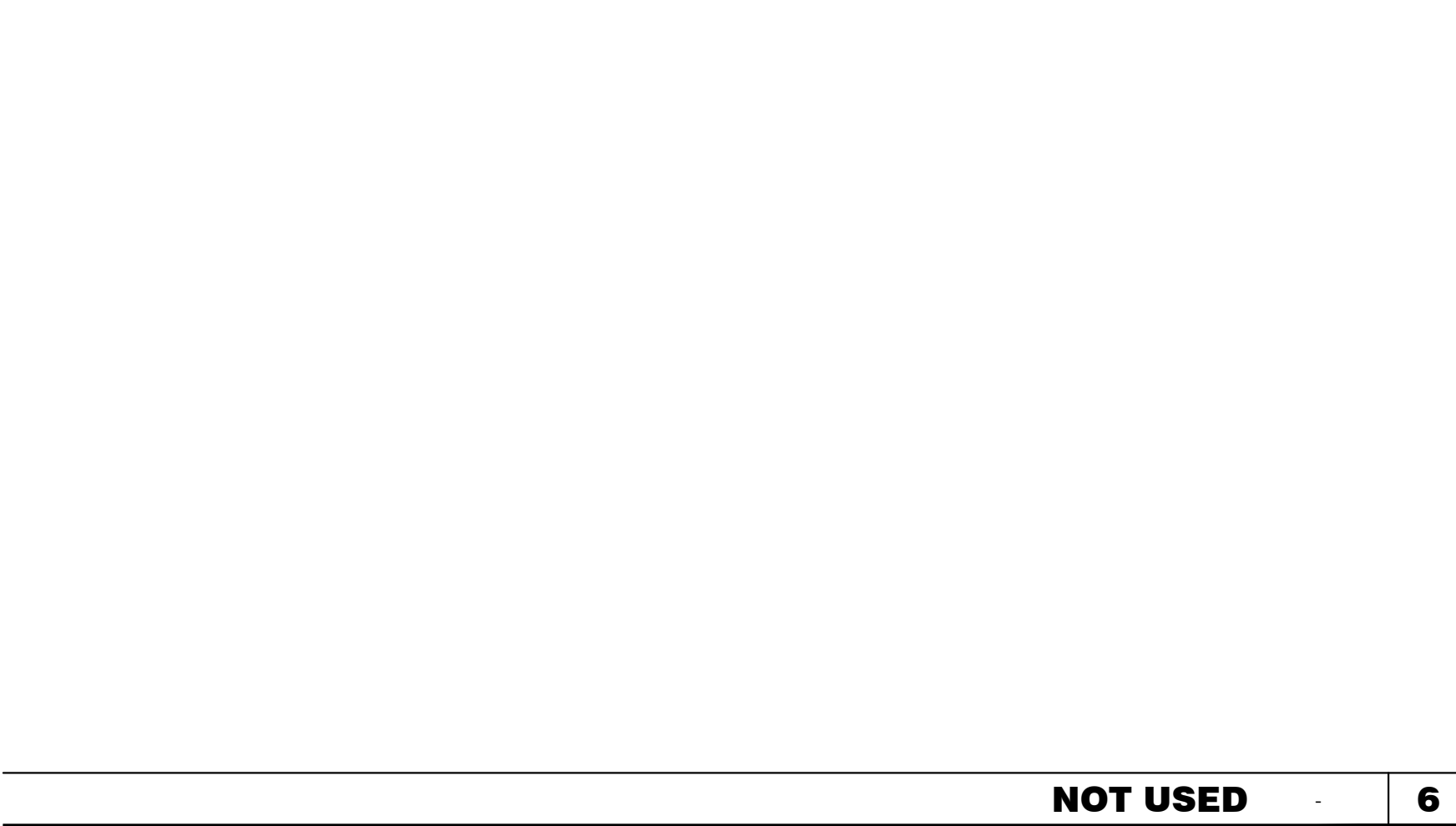
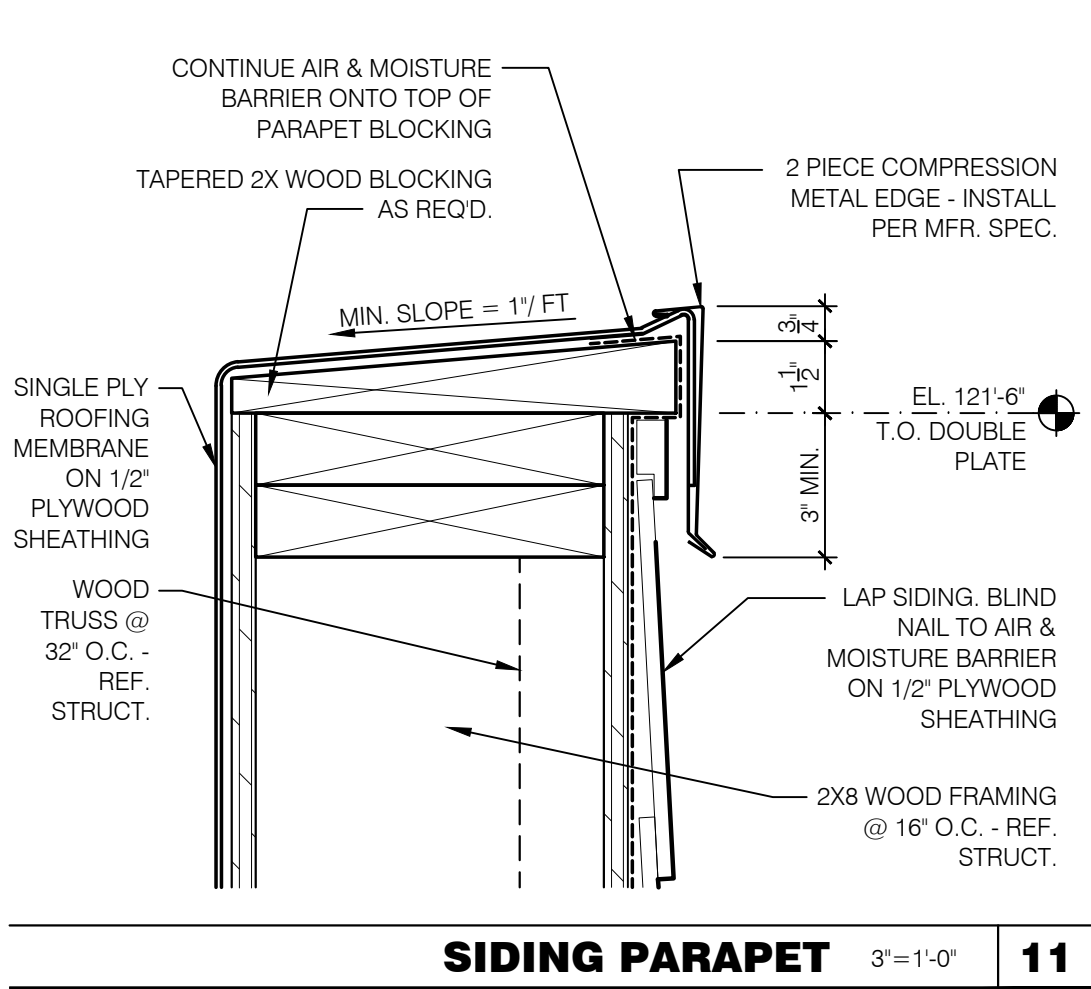
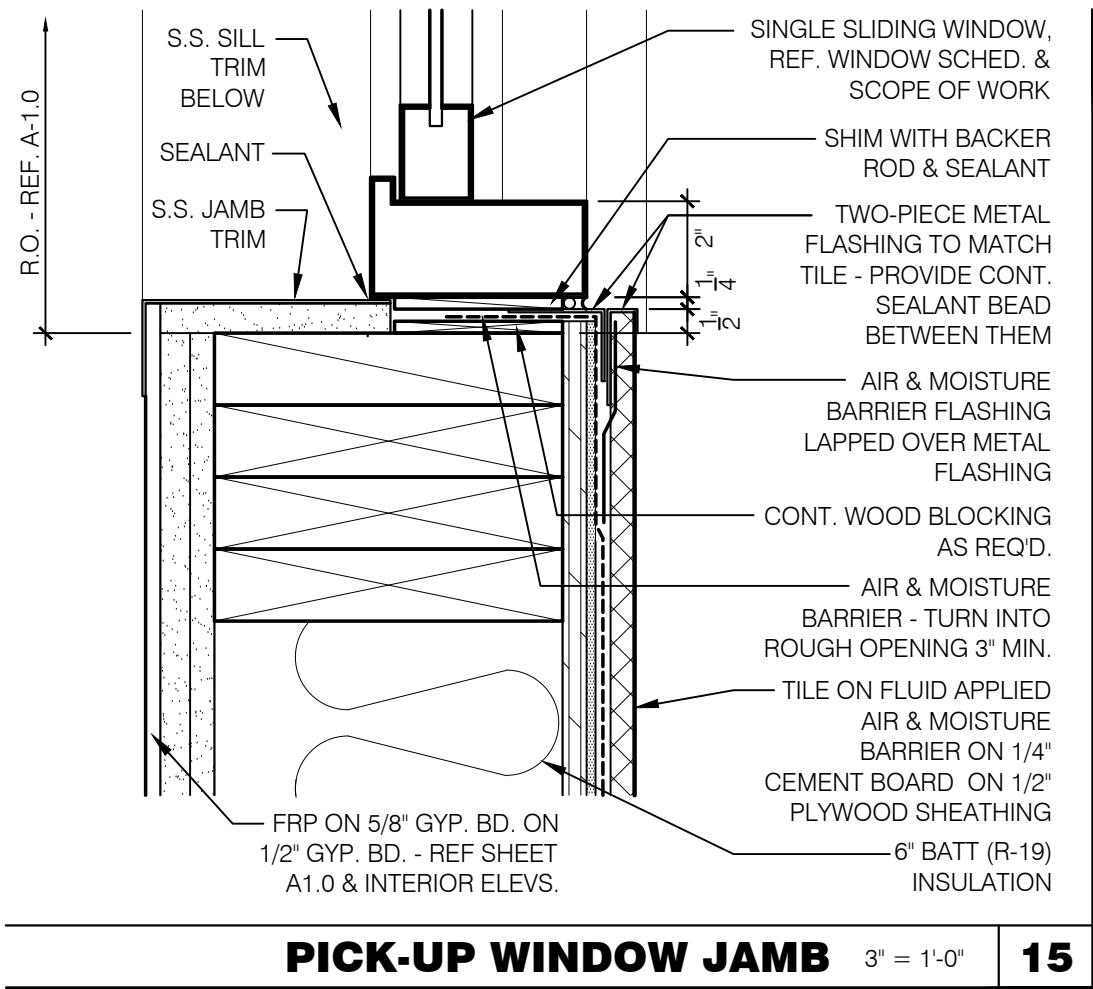
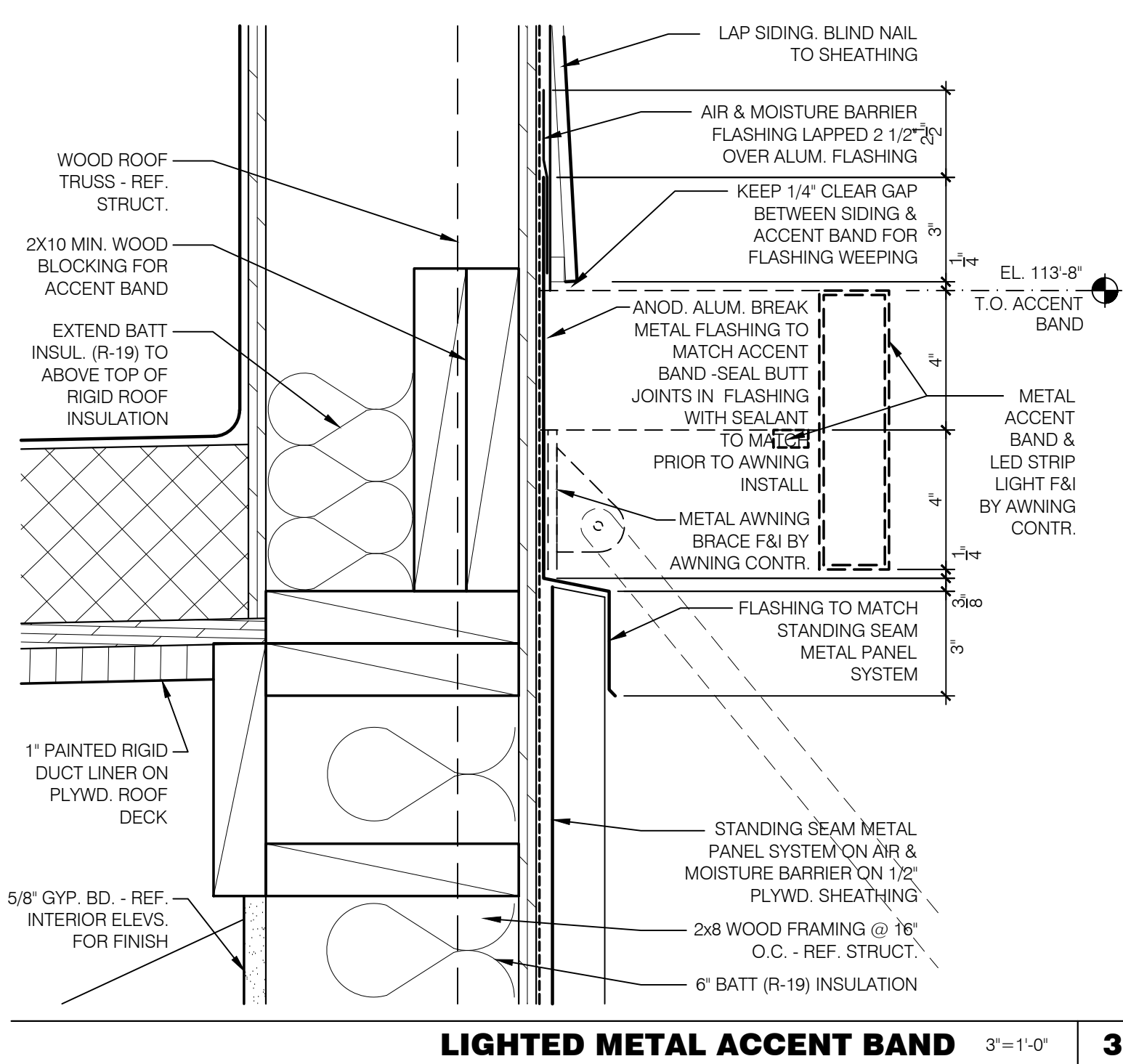
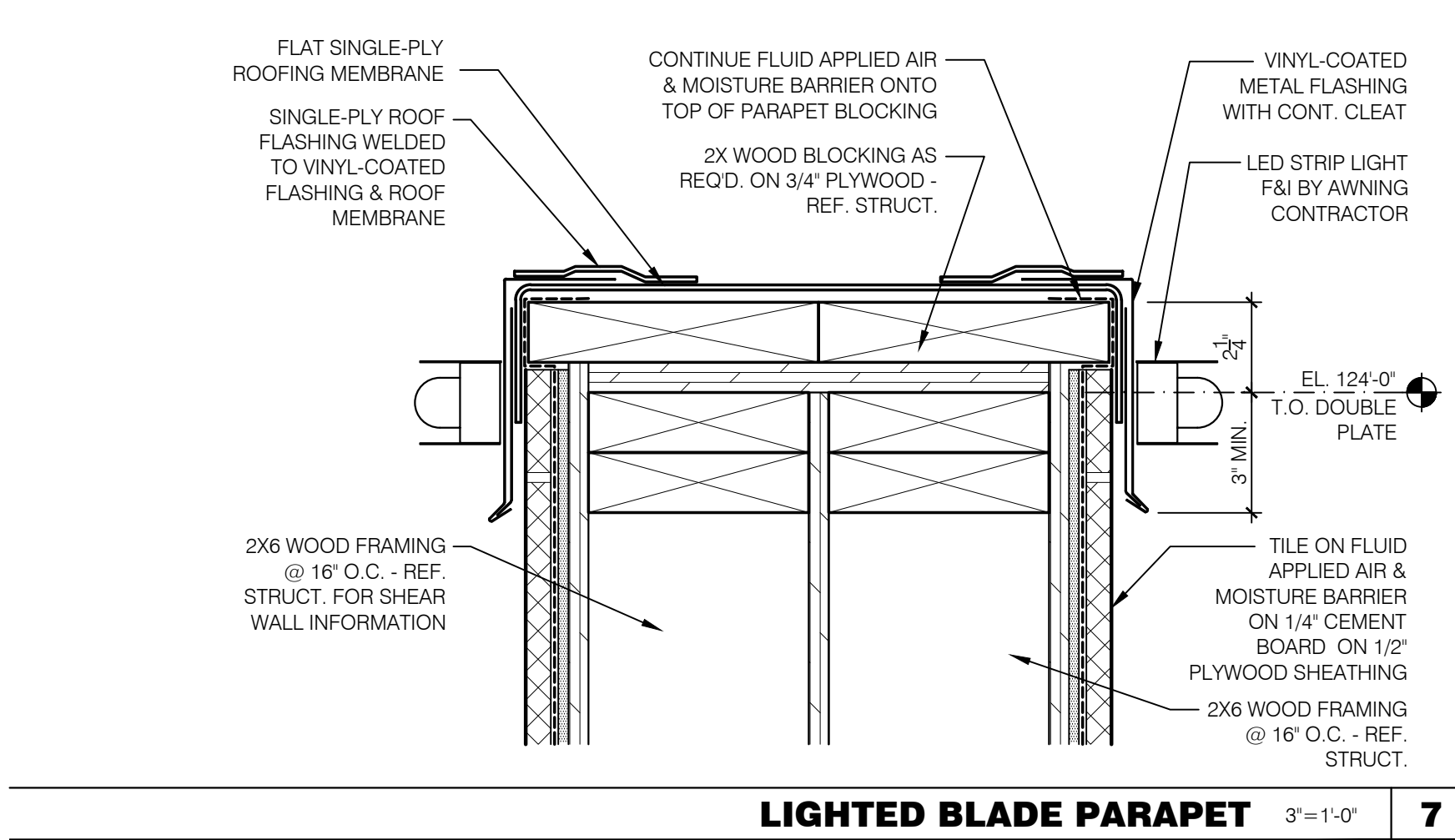
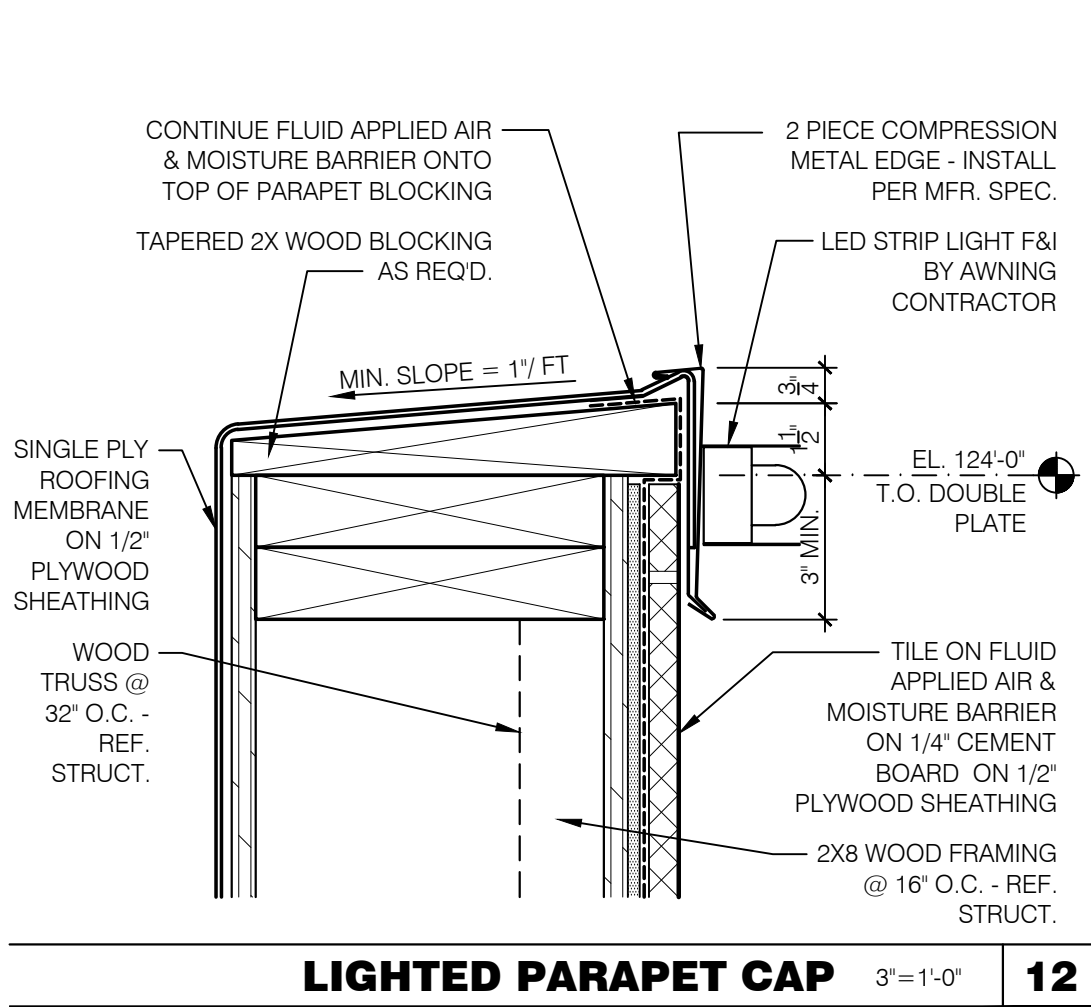
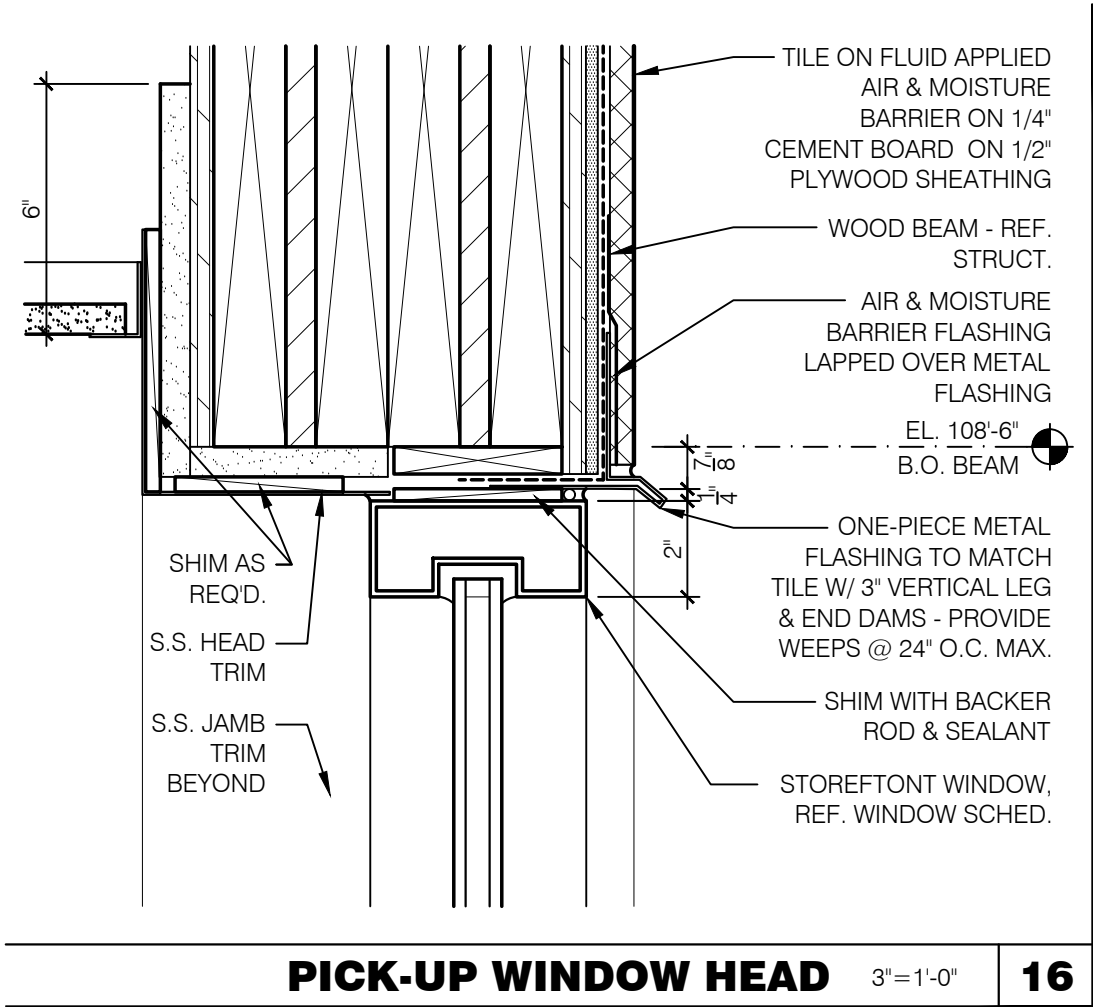
DELCO LITE
001.03.00

EXTERIOR
CONSTRUCTION
DETAILS

A7.0

PLOT DATE:

05.09.19



McIntosh

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PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

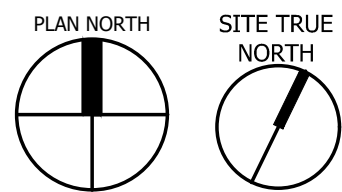
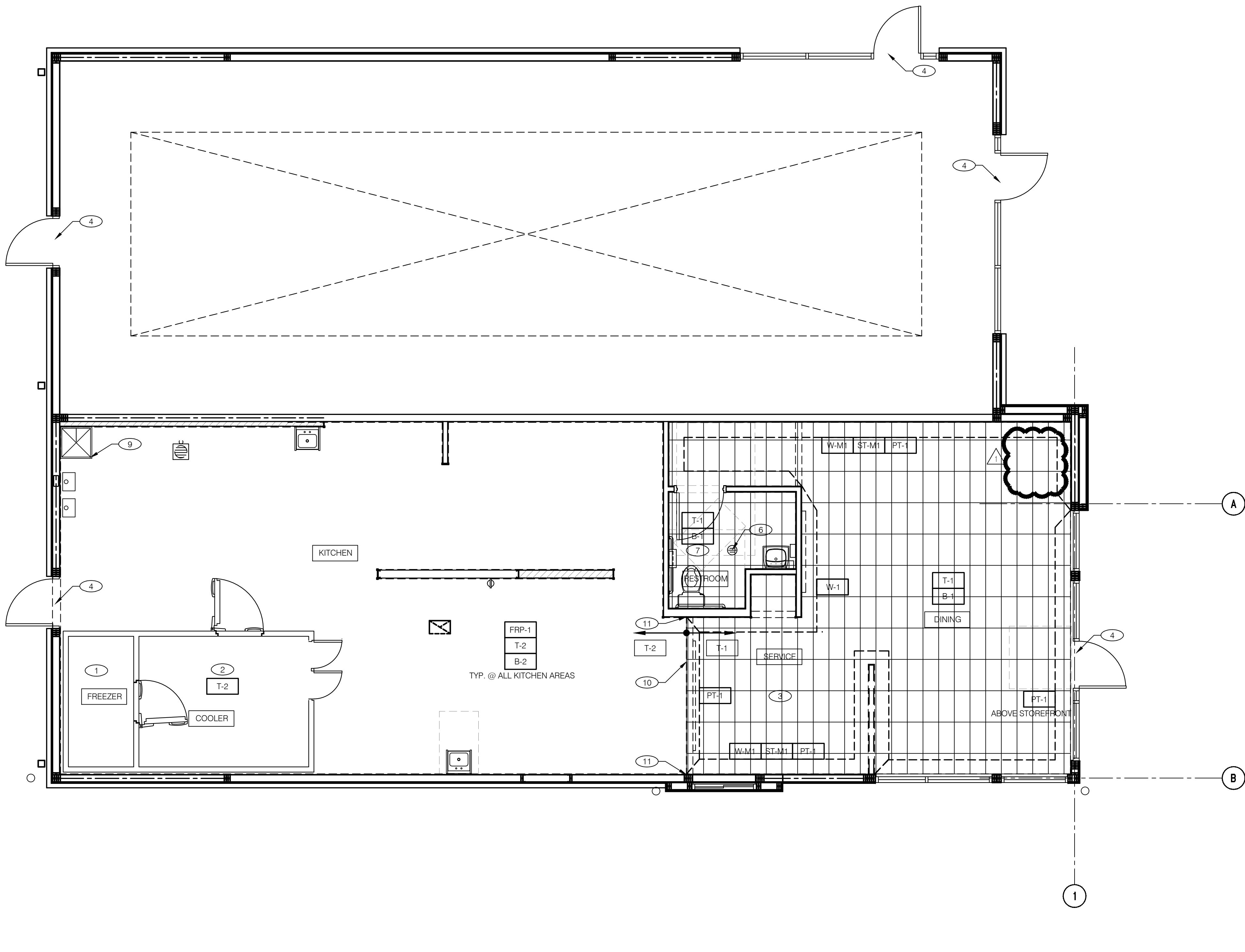
Pizza Hut

DELCO LITE
001.03.00

**EXTERIOR
CONSTRUCTION
DETAILS**

A7.1

PLOT DATE: 05.09.19



FLOOR FINISH PLAN 1/4"=1'-0" 1

- A. SEE SPECS FOR PAINTING, GYPSUM BOARD AND TILE.
- B. DENOTES FINISH MATERIAL. REFER TO SHT A8.1 FOR FINISHES.
- C. TILE JOINTS (U.O.N.):
1. FLOOR TILE
2. FLOOR FINISH TILE
3. BASE, TRIM AND ACCESSORIES: MATCH ADJOINING TILE UNITS
- D. FLOOR TILE JOINTS SHALL MATCH UP WITH SLAB JOINTS.
- E. ALL BASE TILE SHALL BE SANITARY COVE STYLE WITH 3/8" MIN RADIUS.
- F. SEE SCOPE OF WORK SHEETS FOR RESPONSIBILITIES.
- G. PROVIDE CLEAR SILICONE CAULK WHERE FRP STOPS AT TOP OF COVE BASE.
- H. PROVIDE CLEAR SILICONE CAULK WHERE ALL FIXED AND BUILT-IN COUNTERS / EQUIPMENT ABUTS WALL SURFACE.
- I. ALL INTERIOR FINISHES SHALL HAVE CLASS 1 FIRE RATING.

- (1) FACTORY FLOOR FINISH (GALV STL.) W/ INTEGRAL COVE BASE AND BUILT-IN INT. RAMP INSIDE WALK-IN FREEZER.
- (2) CONTRACTOR SHALL PROVIDE FLOOR TILE INSIDE WALK-IN COOLER, BASE TILE PROVIDED WITH COOLER. FLOAT FLOOR TILE IN COOLERS TO DRAIN TO KITCHEN. COORD. WITH COOLER WALL CONFIGURATION
- (3) 5/8" CEMENT BOARD PLATFORM OVER TILE AT SAFE LOCATION. SEE DETAIL 1/A11.0.
- (4) ALUMINUM THRESHOLD. SEE DOOR HARDWARE SCHEDULE SHEET A1.1
- (5) FLOOR SINK - REF. P2.0
- (6) FLOOR/HUB DRAIN - REF. P2.0
- (7) SANITARY TILE BASE IN RESTROOMS & STORAGE. SEE DETAIL 6/A11.0
- (8) REFER TO STRUCT DRAWINGS FOR CONC. FLOOR SLOPES AROUND FLOOR DRAINS.
- (9) MOP SINK LOCATION, NO TILE UNDER MOP SINK
- (10) LINE OF FLOOR FINISH TRANSITION - REF. DETAIL 2/A11.0
- (11) TERMINATION OF FRP-1

PIZZA HUT

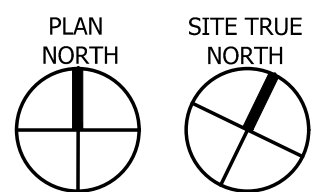
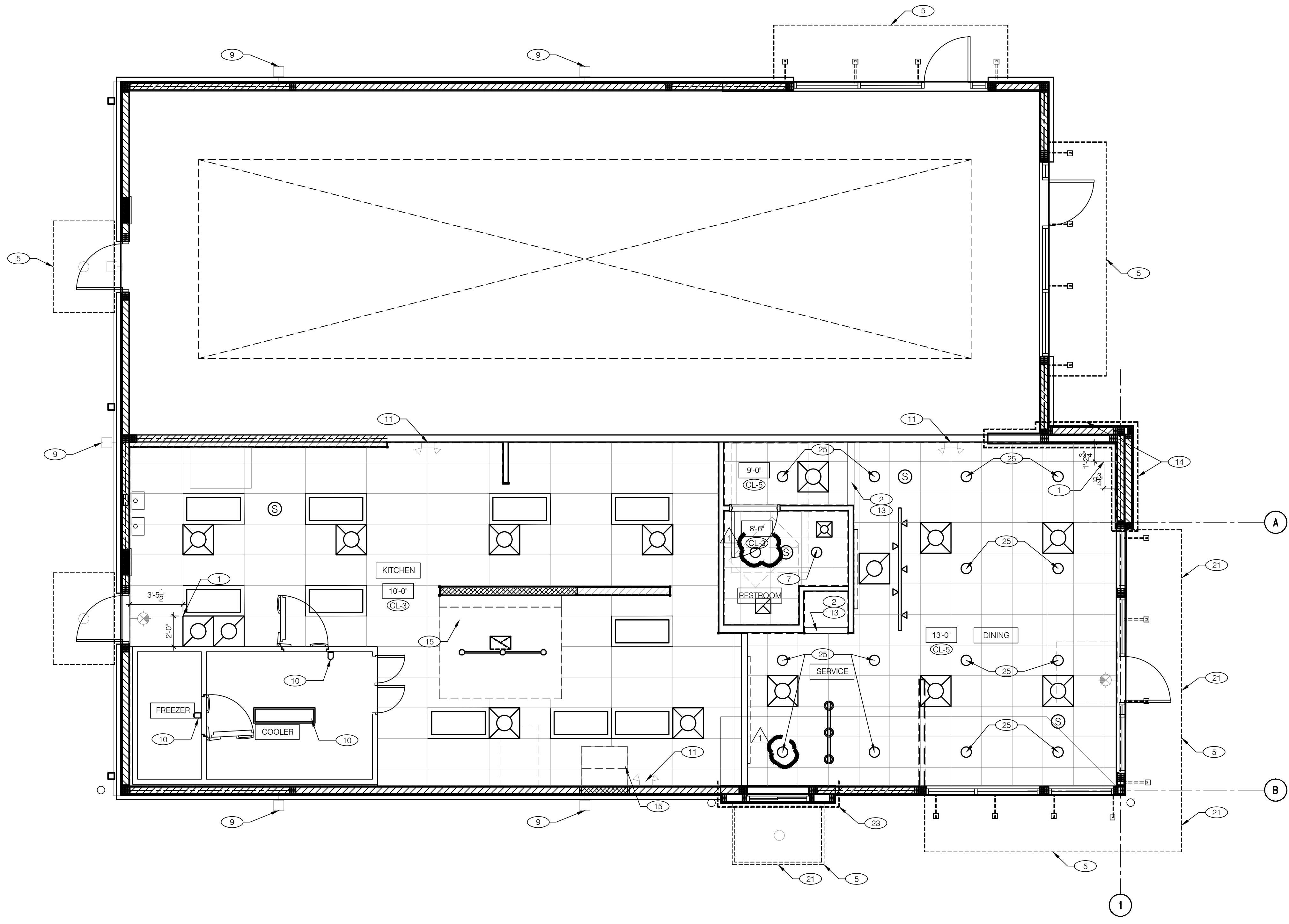
170 GATE CITY HIGHWAY
BRISTOL, VA 24201



DELCO LITE
001.03.00

REFLECTED
CEILING PLAN

A9.0



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

FURNISH AND INSTALL 1\" RIGID DUCTLINER PAINTED AT ALL EXPOSED STRUCTURE CEILINGS (CL-1).

	2'-0\" x 4'-0\" FLUORESCENT LIGHT FIXTURE		EXTERIOR WALL FIXTURE		WIRE GUARD FIXTURE
	2'-0\" x 2'-0\" FLUORESCENT LIGHT FIXTURE		OUTSIDE SPEAKER		HORIZONTAL MTD.
	DOWNLIGHT @ WALK-IN (BY WALK-IN MFR.)		SPEAKER		SMALL PENDANT
	PENDANT FIXTURE		P.O.S. MONITOR		EXTERIOR EMERGENCY LIGHTS
	DOWNLIGHT		C.C.T.V. CAMERA		L.E.D.
	EMERGENCY LIGHTS		C.C.T.V. MONITOR		INTERIOR LIGHT SCONCE
	EXIT LIGHT (WALL MOUNTED)		12\" EXHAUST FAN		
	EXIT LIGHT (CEILING MOUNTED)		HVAC RETURN GRILLE		
	FIXTURE, TRACK MOUNTED PENDANT OR DIRECTIONAL		HVAC SUPPLY DIFFUSER		
			STROBE LIGHT BACK DOOR SECURITY		

CEILING SYMBOL LEGEND 3

DIMENSIONS:
A. ALL DIMENSIONS ARE TO FACE OF FINISH U.O.N.
CEILING FINISHES:
A. REFER TO ROOM FINISH SCHEDULE (SHT A8.1) 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 TYPE \"X\" GYP BD.
B. ACOUSTICAL SEALANT: APPLY TO GYP. BD. PANELS AS INDICATED IN SPECS.
C. GYP. BD. FINISHING AND DECORATING: REFER TO DWGS FOR TEXTURE AND FINISHES.
D. PAINT GRILLES & DIFFUSERS TO MATCH CEILING COLOR.
ELECTRICAL:
A. SEE ELEC. DWGS. FOR FIXTURE SCHED.

REFLECTED CEILING PLAN NOTES 4

- 1 CEILING GRID STARTING POINT - FULL TILE AT THIS WALL.
- 2 ALIGN FACE OF BULKHEAD WITH FACE OF WALL.
- 3 NOT USED.
- 4 METAL ACCENT BAND AT WINDOW HEAD BY AWNING CONTRACTOR - SEE SCOPE OF WORK.
- 5 METAL AWNING WITH LED LIGHTING AT DOORS & DRIVE THRU BY AWNING CONTRACTOR - SEE SCOPE OF WORK.
- 6 NOT USED
- 7 FOR ROUGH FRAMING OPENINGS SEE AIR DEVICE SCHED. (TYP. AT RESTROOMS).
- 8 NOT USED
- 9 EXTERIOR WALL LIGHT FIXTURES - SEE A4.0, A4.1 & ELEC.
- 10 WALK-IN LIGHTING SUPPLIED BY WALK-IN MFR.
- 11 EMERGENCY DUAL HEAD FIXTURE WITH BATTERY BACK-UP UNIT - SEE ELEC. DWGS. AND INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS.
- 12 NOT USED.
- 13 GYPSUM BOARD BULKHEAD.
- 14 DASHED LINE INDICATES LED LIGHTING AT THE TOP OF TILE BLADE WALL - SEE ELEC.
- 15 REFER TO SHEETS M3.0, M3.1 AND M3.2 FOR EXHAUST HOOD INFORMATION.

- 16 NOT USED.
- 17 CENTER MECHANICAL GRILLE BETWEEN TRUSS AND ALIGN GRILLE FACE WITH BOTTOM OF BOTTOM CHORDS. PAINT TO MATCH CEILING.
- 18 MOUNT 8'-0\" TRACK ON BULKHEAD @ 8'-6\" AFF.
- 19 TRACK MOUNTED ON BOTTOM OF TRUSS @ 10'-1 1/2\" A.F.F. IN 4'-0\" AND 8'-0\" LENGTHS AS NOTED.
- 20 NOT USED.
- 21 LED STRIP LIGHT FOR SIGN BY AWNING CONTRACTOR. CONFIRM EXACT QUANTITIES AND LOCATIONS WITH AWNING CONTRACTOR. SEE ELEC. AND SCOPE OF WORK.
- 22 NOT USED.
- 23 DASHED LINE INDICATES LED LIGHTING AT PARAPET - SEE ELEC.
- 24 NOT USED.
- 25 CENTER DOWNLIGHT IN CEILING TILE THROUGHOUT SERVICE (U.N.O.).
- 26 RECESSED DOWNLIGHT IN GYPSUM BOARD CEILING - TYPICAL.

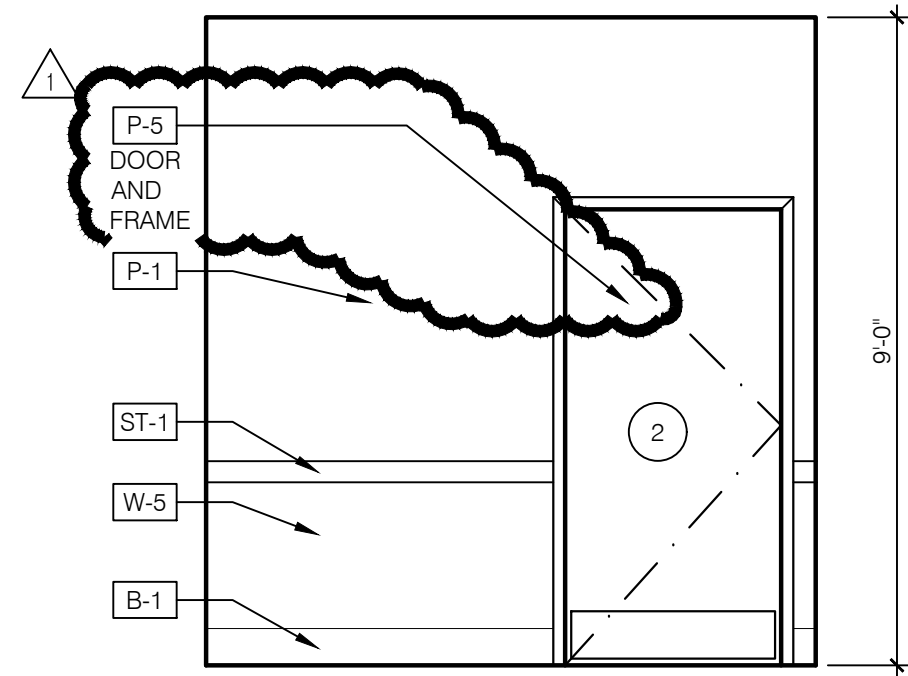
KEY NOTES B

GENERAL NOTES 2

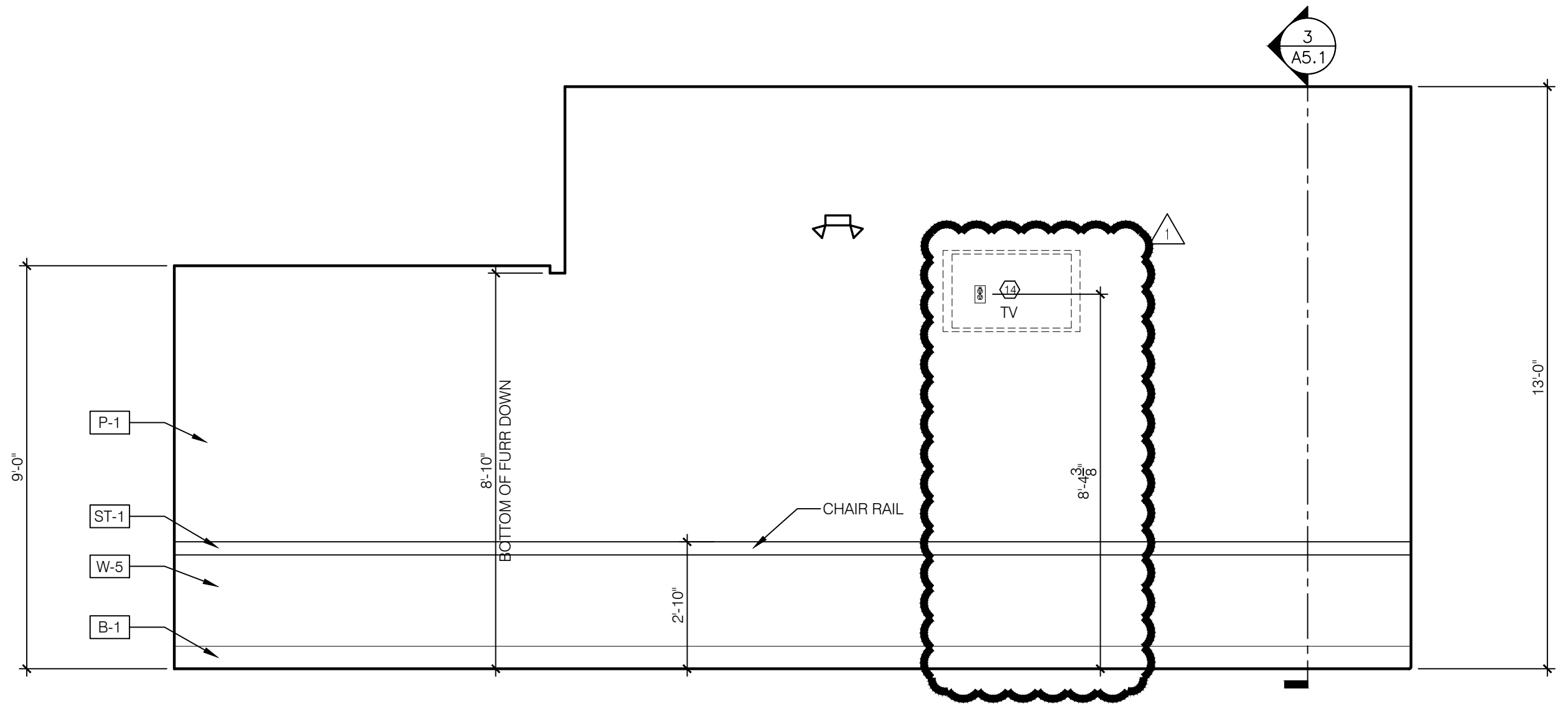
1. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
2. REFER TO FLOOR PLAN NOTES FOR BLOCKING AND SUBSTRATE NOTES.
3. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
4. ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
5. COUNTER CONSTRUCTION: 1x2 VERT. WD. TRIM @ 4'-0" O.C. MAX. & 1x4 HOR. WD. TRIM
6. WAINSCOT CONSTRUCTION: 1x2 VERT. WD. TRIM @ 4'-0" O.C. MAX. & 1x4 HOR. WD. TRIM
7. ELECTRICAL OUTLET COVER PLATES SHALL BE:
- STAINLESS STEEL AT BRICK & RED TILE
 - BROWN AT LAMINATE & STAINED WOOD
 - PAINTED TO MATCH PAINTED WALLS
 - WHITE AT WHITE TILE & FRP.

X-X SEE SHEET A8.1 FOR FINISH SCHEDULE.

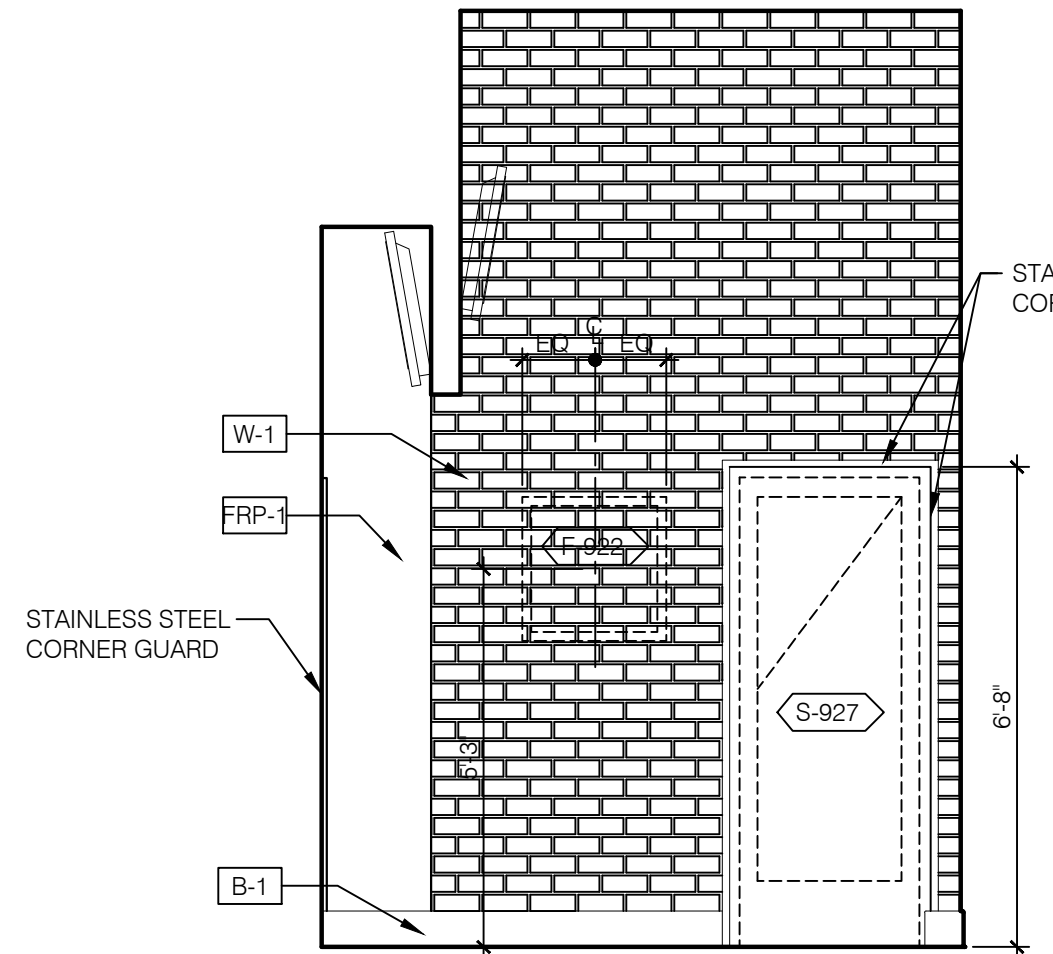
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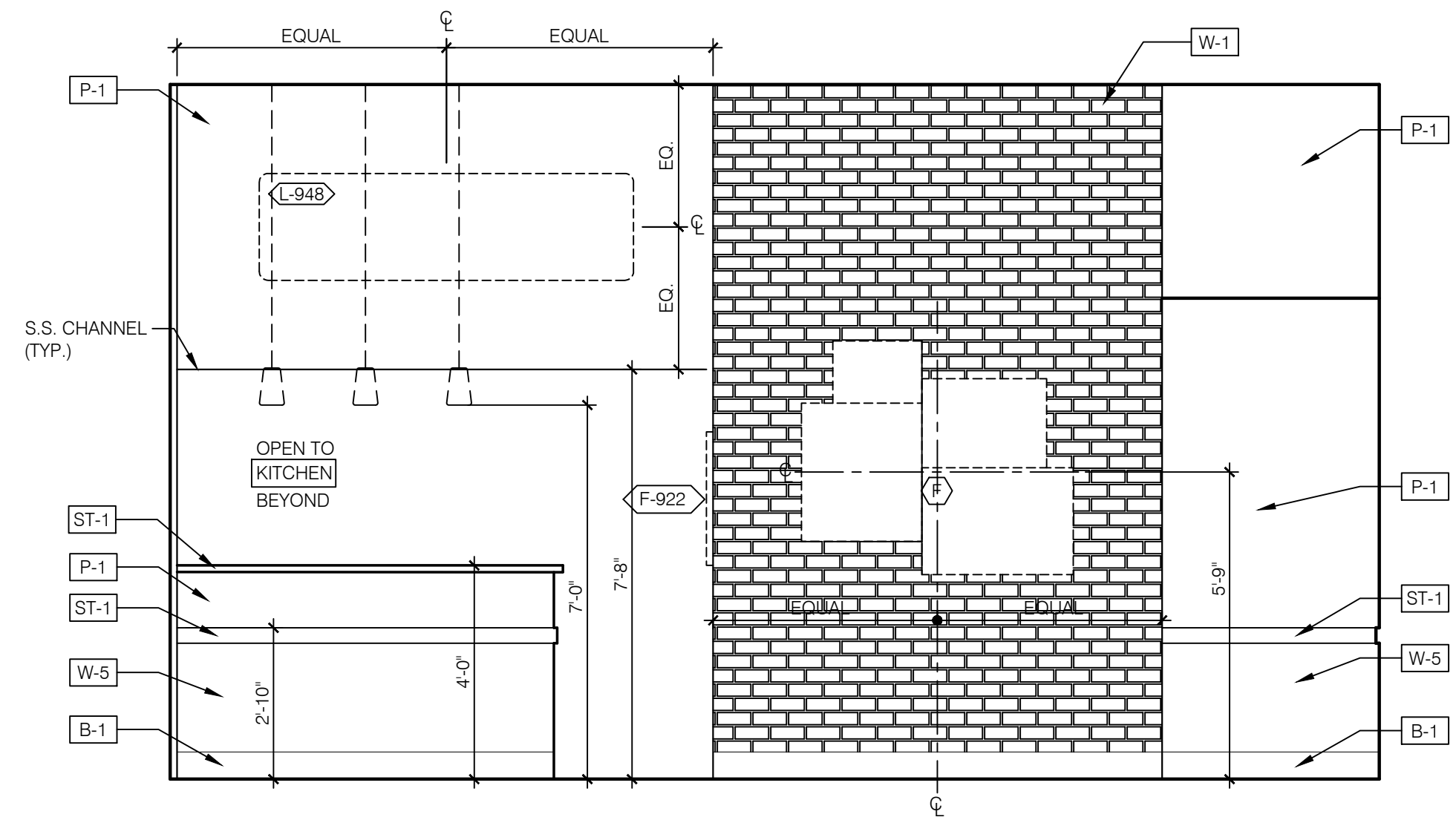
DINING 3/8"=1'-0" 4



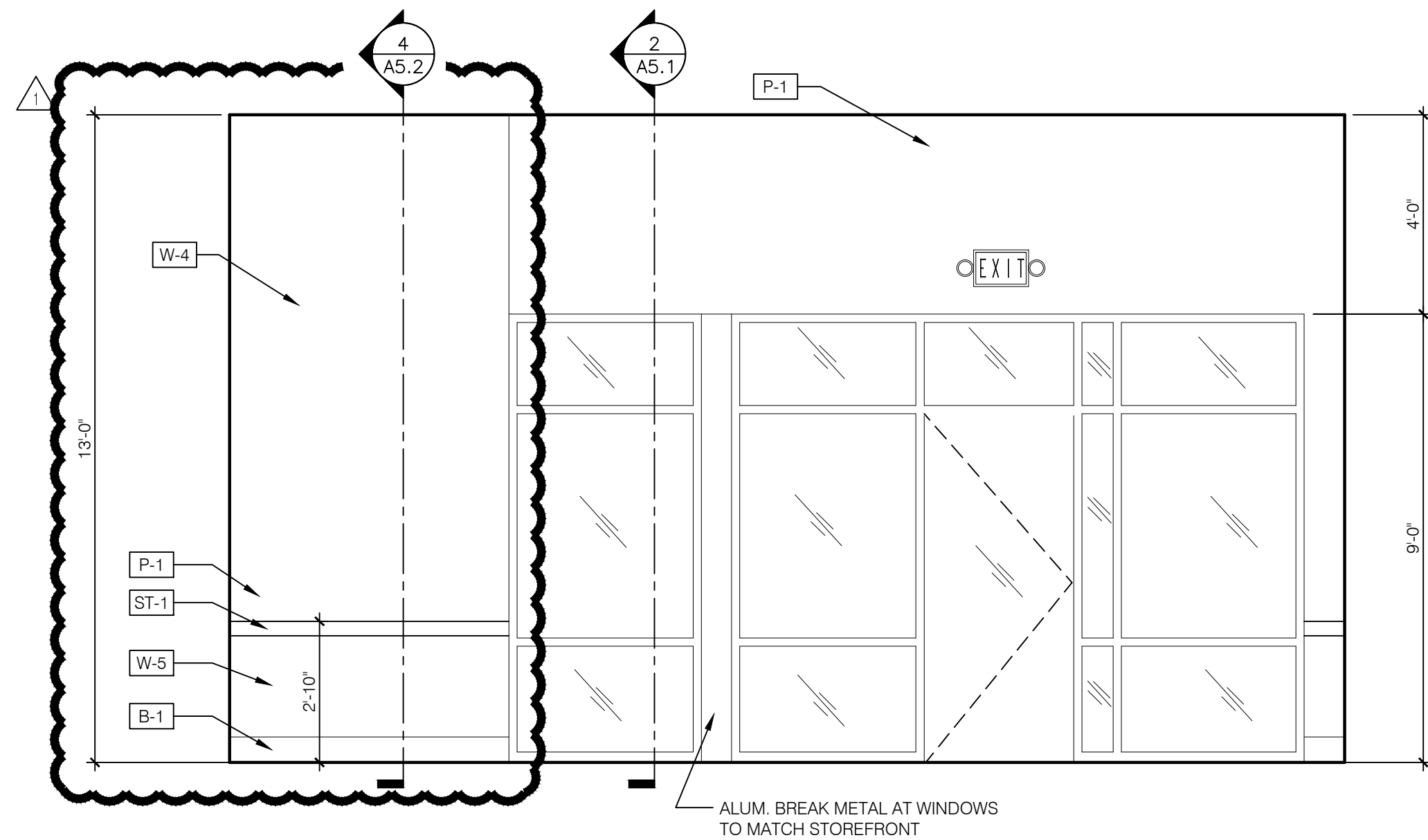
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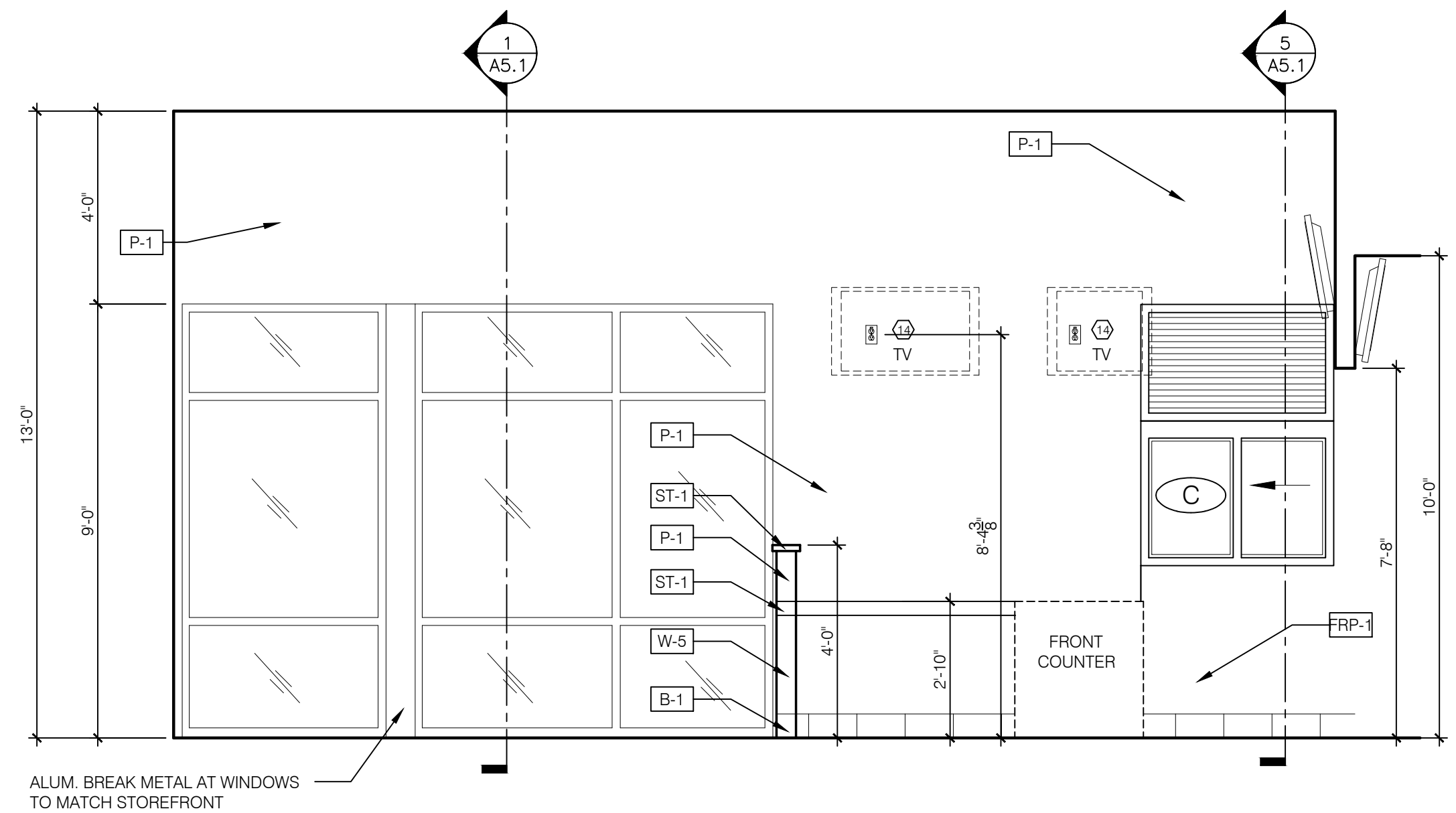
SERVICE 3/8"=1'-0" 5



SERVICE 3/8"=1'-0" 2

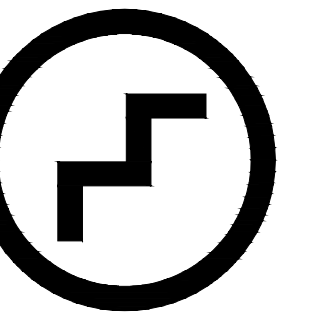


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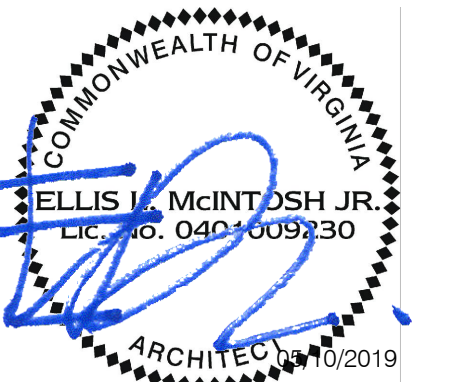


DINING 3/8"=1'-0" 3

McIntosh



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LICENSE NUMBER: 0401009230
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6/3/19	DESIGN COMMENTS

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PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

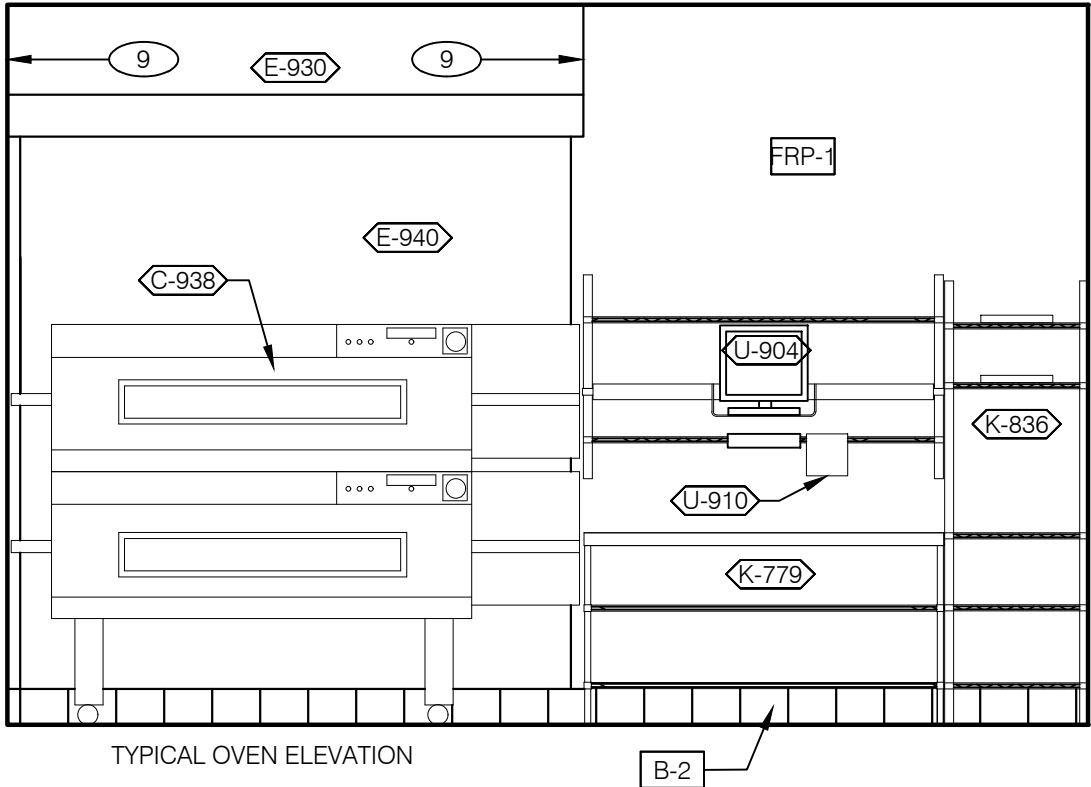


DELCO LITE
001.03.00

INTERIOR
ELEVATIONS
DINING

A10.0

PLOT DATE: 05.09.19



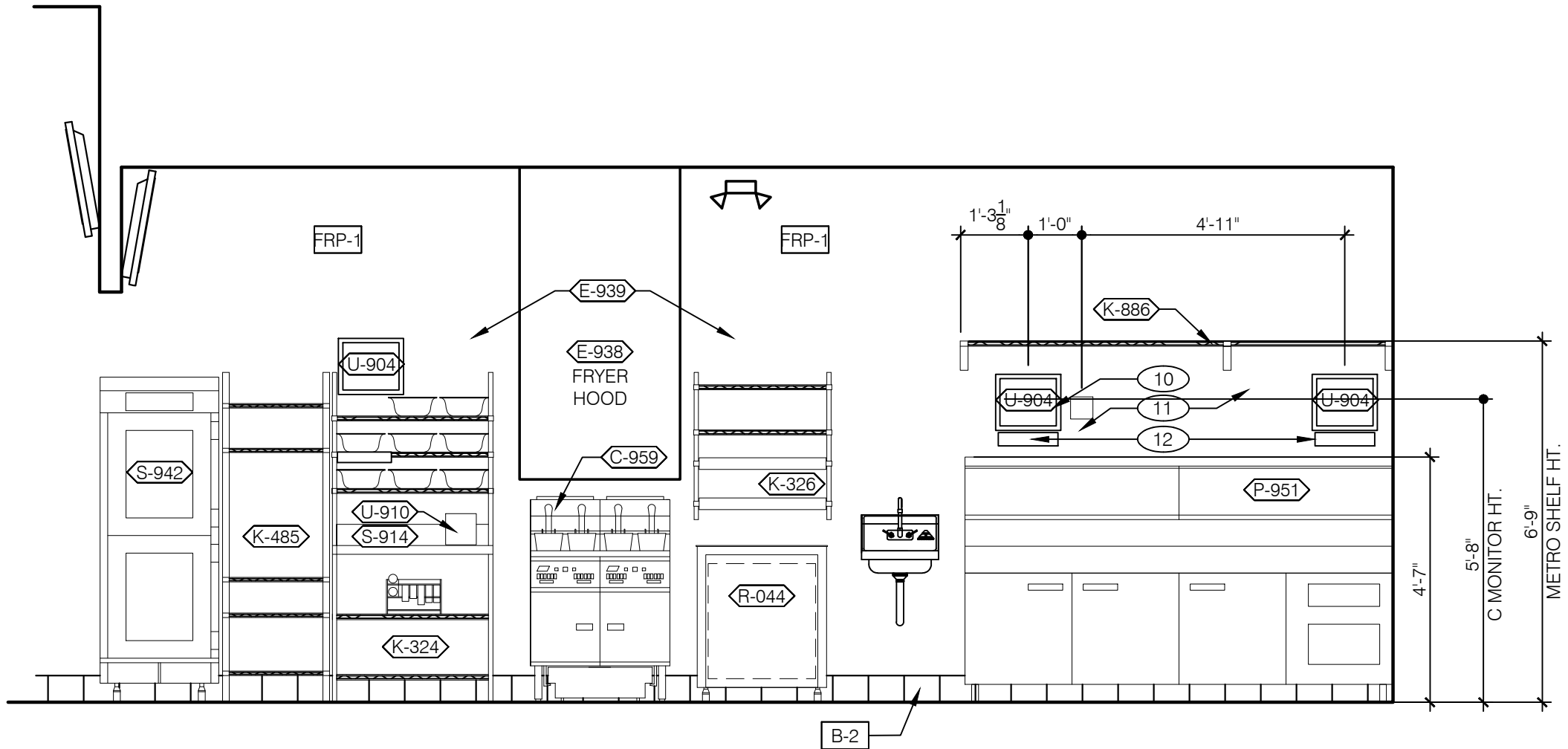
NOT USED

4

KITCHEN

3/8"=1'-0"

1



NOT USED

5

KITCHEN

3/8"=1'-0"

2

1. PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
2. REFER TO FLOOR PLAN NOTES FOR BLOCKING AND SUBSTRATE NOTES.
3. REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
4. ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
5. COUNTER CONSTRUCTION: 1x2 VERT. WD. TRIM @ 4'-0" O.C. MAX. & 1x4 HOR. WD. TRIM
6. WAINSCOT CONSTRUCTION: 1x2 VERT. WD. TRIM @ 4'-0" O.C. MAX. & 1x4 HOR. WD. TRIM
7. ELECTRICAL OUTLET COVER PLATES SHALL BE:
 - STAINLESS STEEL AT BRICK & RED TILE
 - BROWN AT LAMINATE & STAINED WOOD
 - PAINTED TO MATCH PAINTED WALLS
 - WHITE AT WHITE TILE & FRP.

X-X

SEE SHEET A8.1 FOR FINISH SCHEDULE.

GENERAL NOTES

6

NOT USED

3



6/3/19	DESIGN COMMENTS

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170 GATE CITY HIGHWAY
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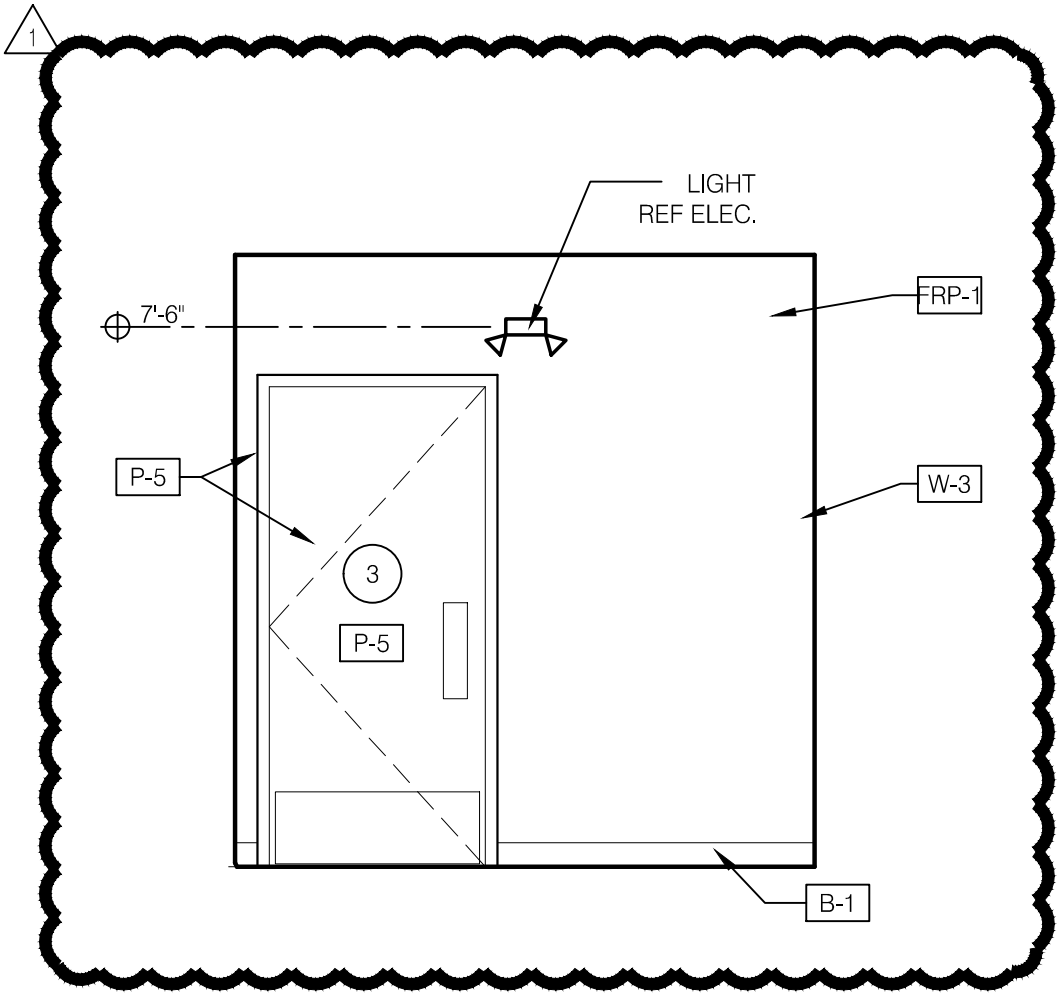


DELCO LITE
001.03.00

INTERIOR
ELEVATIONS
SERVICE

A10.1

PLOT DATE: 05.09.19

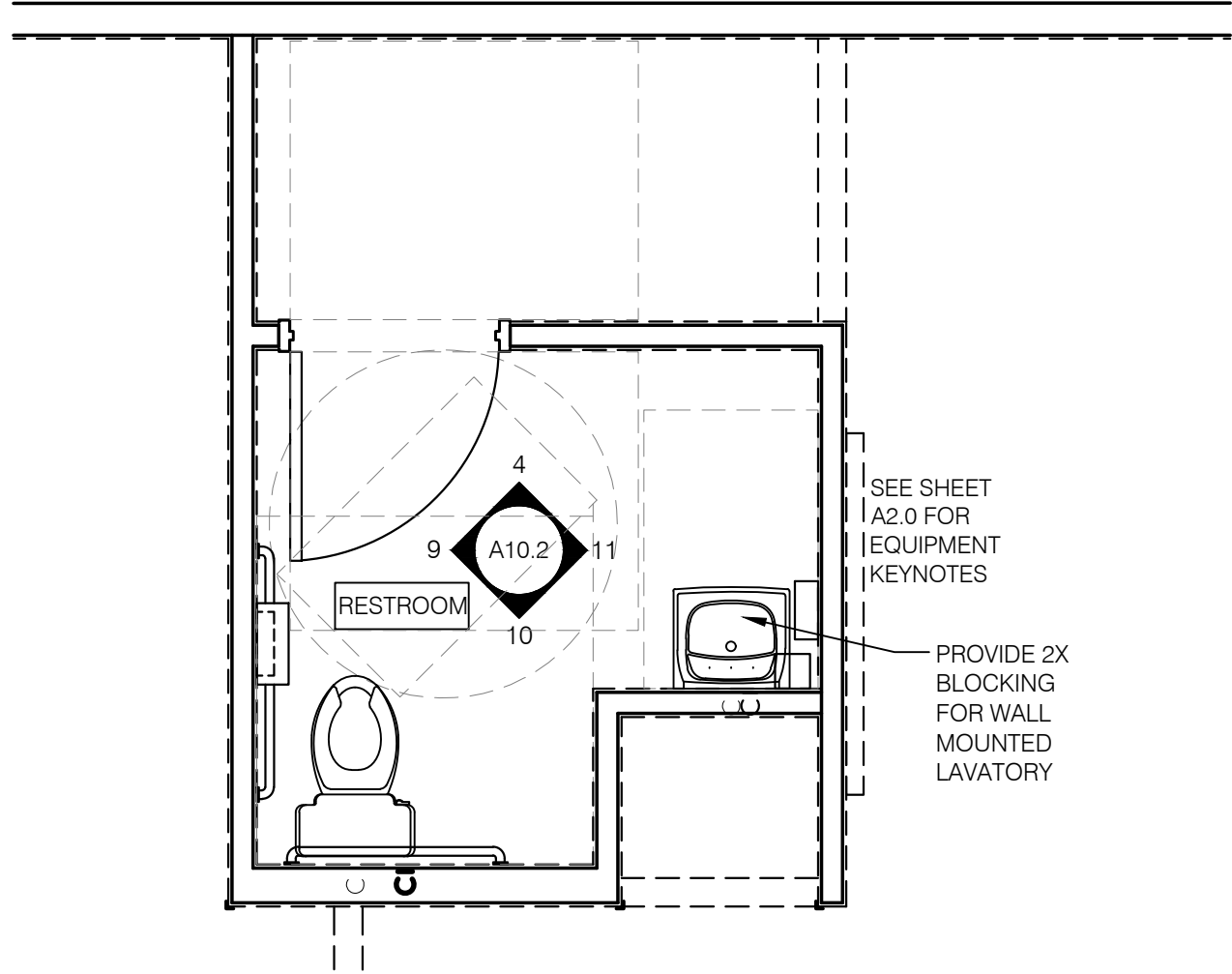


RESTROOM 3/8"=1'-0" 4

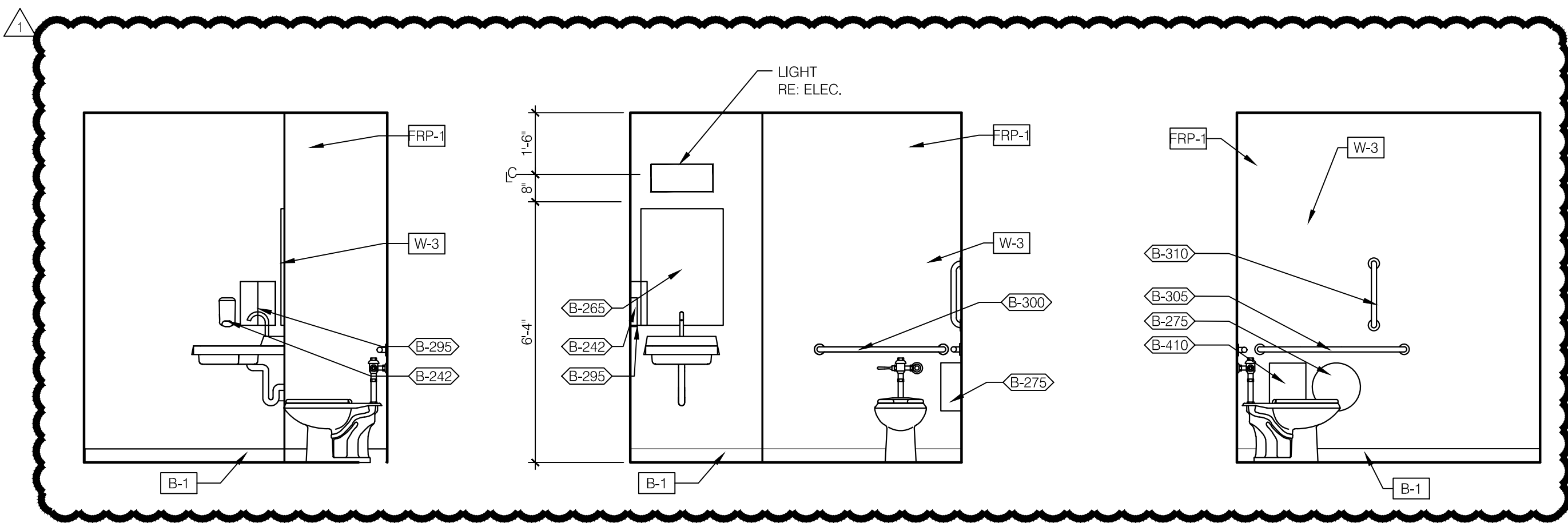
- PROVIDE PROPER 2x BLOCKING AT WALL RECESSED MOUNTED ACCESSORIES.
- GRAB BARS, FASTENERS AND MOUNTING DEVICES SHALL BE INSTALLED PER ADA REQUIREMENTS. REFER TO SHEET ADA1.0.
- REFER TO FLOOR PLAN NOTES FOR BLOCKING AND SUBSTRATE NOTES.
- LOCATE FLUSH HANDLE ON WIDE/APPROACH SIDE OF TOILET OR STALL.
- PROVIDE WALL TILE BEHIND ENTIRE MIRROR AREA TO ALIGN MOUNTING SURFACES.
- REFER TO SHEET ADA1.0 FOR MOUNTING HEIGHTS AND CLEARANCES OF ACCESSORIES AND FIXTURES.
- ALL DIMENSIONS THIS DRAWING ARE TO FINISH SURFACE.
- ELECTRICAL OUTLET COVER PLATES SHALL BE:
 - STAINLESS STEEL AT BRICK & RED TILE
 - BROWN AT LAMINATE & STAINED WOOD
 - PAINTED TO MATCH PAINTED WALLS
 - WHITE AT WHITE TILE & FRP.

X-X SEE SHEET A8.1 FOR FINISH SCHEDULE.

GENERAL NOTES 13



ENLARGED RESTROOM FLOOR PLAN 3/8"=1'-0" 12



RESTROOM 3/8"=1'-0" 11

RESTROOM 3/8"=1'-0" 10

RESTROOM 3/8"=1'-0" 9



15



N.T.S.



FRP @ CEILING $3''=1'-0''$



INTERIOR DOOR HEAD / JAMB 3" = 1'-0"



USB & POWER STRIP/MULLION	3"=1'-0"	1
--------------------------------------	----------	----------



EXTERIOR DOOR HEAD/JAMB 3"=1'-0"



9



BASE @ RESTROOM 3"=1'-0"



FLOOR TRANSITION $3'' = 1' \cdot 0''$



EXTERIOR DOOR SILL $3''=1'-0''$



5



SAFE PEDESTAL 1-1/2"=1'-0"

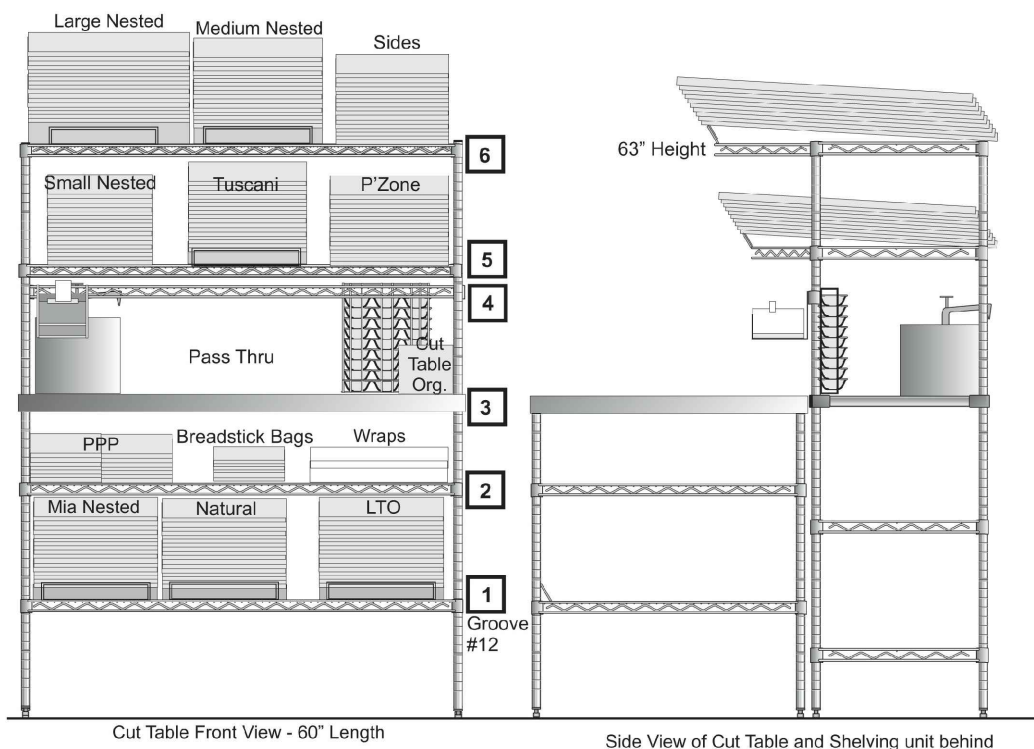


Cut Table & Quality Station Configuration for Nesting Boxes

FREE STANDING QUALITY STATION

14

PARTS		
(4) 63PK3, 63" Posts	(1) DD2671B, Printer Holder	INSTR-PHQSN5D 100409
(3) 1860NK3, 18"x60" Wire Shelves	(1) DD5488, Bump Bar Holder	
(1) 1860FS, 18"x60" Solid Shelf	(1) HK25C, Hook	
(1) H160K3, 60" Hanger Rail	(2) Bags of CSM8-Y, Yellow Shelf Markers	
(1) DD7078, 6"x48" Shelf Extension		
(1) DD7078A, 10"x48" Shelf Extension	(1) Bag is for the Quality Station and the remaining bag is for the under shelves of the Cut Table	
(3) DD6298, Box Lifts (3 for Quality Station & 2 for Cut Table)		



FREE STANDING QUALITY STATION

15

PIZZA HUT 60" QUALITY STATION

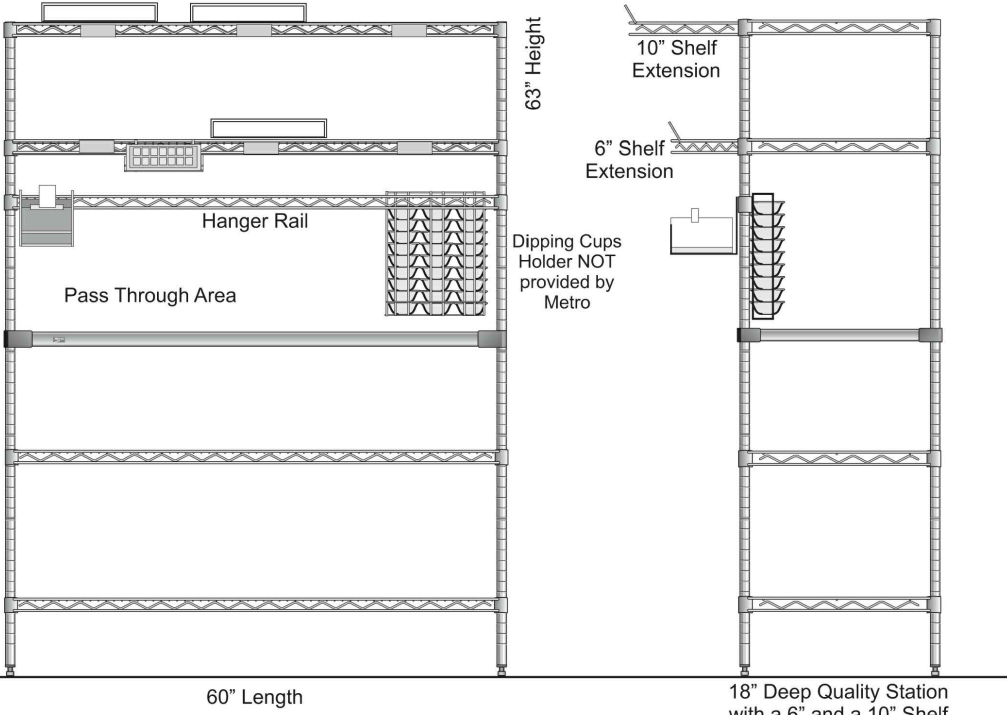
- Fits behind the Cut Table PHCTSD
- Unit designed for used with Nested Boxes
- Designated Pass Through area
- Allows for the Nested Boxes to be within reach
- Also available in 72" (PHQSN6D) lengths
- Easy to assemble without any tools using the Super Erecta shelving system
- Accessories
 - (3) Box Lifts that raise the box ends up to take pressure off of the nested box sides
 - Bump Bar Holder
 - Printer Holder
 - Shelf Markers

Components:

- Solid Shelf
 - 18 gauge, type 304 foodservice grade stainless steel shelf with 1/8" ledge to collect spills
- Wire Shelves
 - Metroseal III Epoxy finish with Microban
 - Microban deters the growth of mold and bacteria

Sanitary: The Stainless Steel shelf has raised edges to contain spills and all remaining components are finish with Metroseal III with Microban.

NSF: All components are manufactured to NSF standards and are NSF listed.



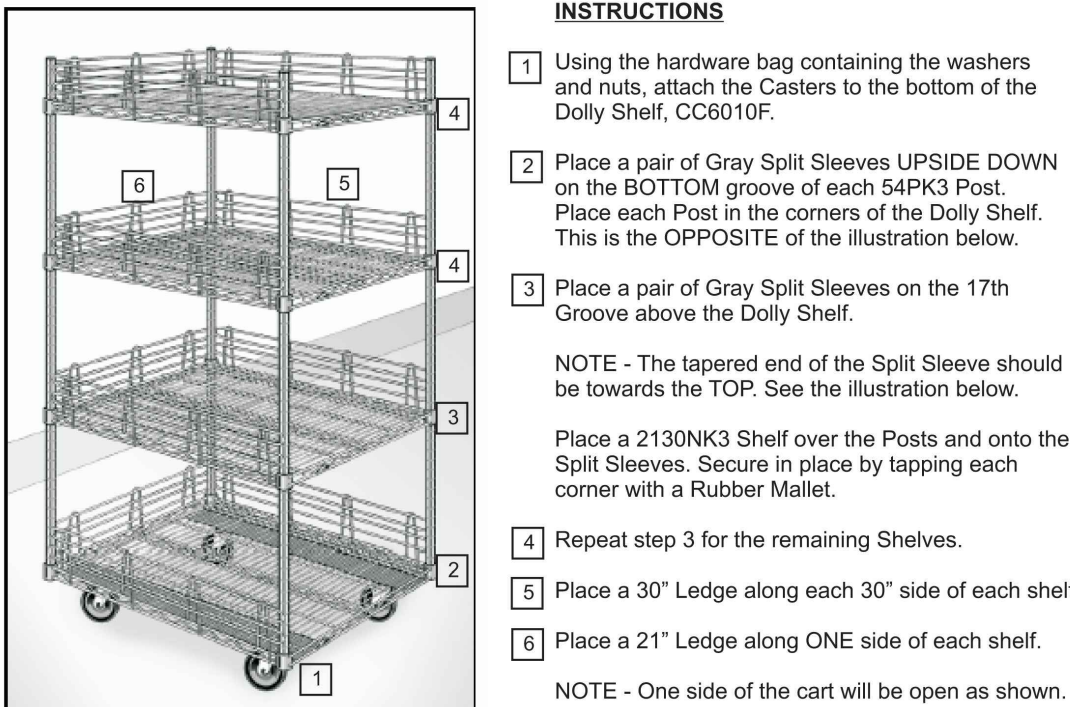
FREE STANDING QUALITY STATION

16



PREP. STATION CONFIGURATION

(K-941) 11



INSTRUCTIONS

- Using the hardware bag containing the washers and nuts, attach the Casters to the bottom of the Dolly Shelf, CC6010F.
- Place a pair of Gray Split Sleeves UPSIDE DOWN on the BOTTOM groove of each 54PK3 Post. Place each Post in the corners of the Dolly Shelf. This is the OPPOSITE of the illustration below.
- Place a pair of Gray Split Sleeves on the 17th Groove above the Dolly Shelf.
NOTE - The tapered end of the Split Sleeve should be towards the TOP. See the illustration below.
Place a 2130NK3 Shelf over the Posts and onto the Split Sleeves. Secure in place by tapping each corner with a Rubber Mallet.
- Repeat step 3 for the remaining Shelves.
- Place a 30" Ledge along each 30" side of each shelf.
- Place a 21" Ledge along ONE side of each shelf.
NOTE - One side of the cart will be open as shown.

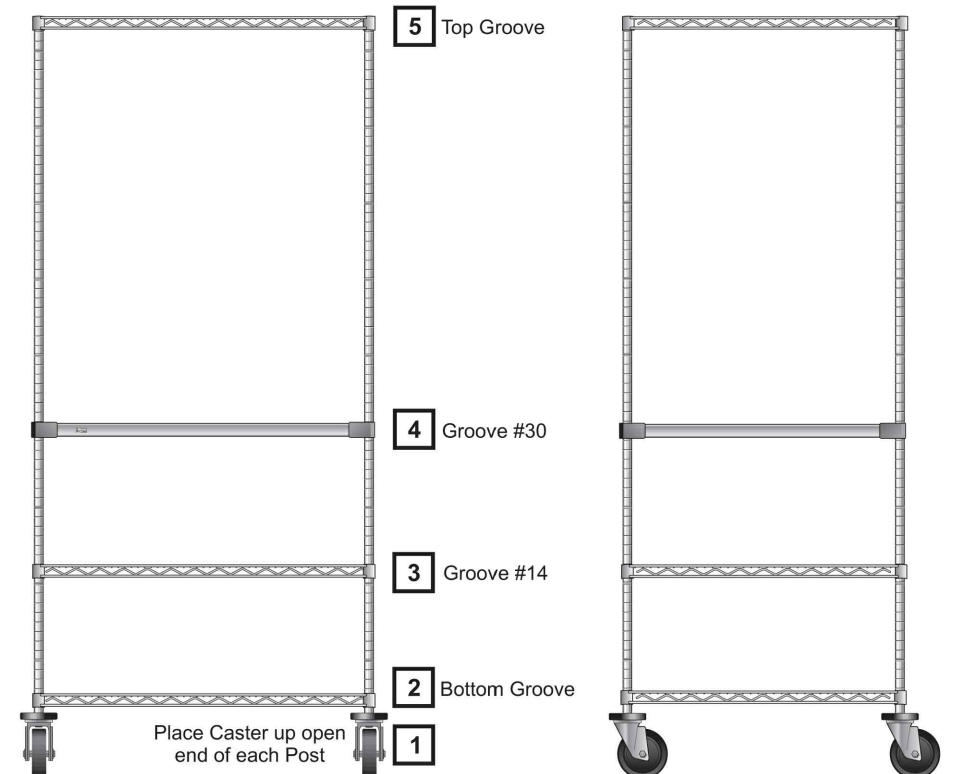
PARTS

- (4) 54PK3, 54" Posts
- (3) 2130NK3, Wire Shelves
- (1) CC6010F, Dolly Shelf
- (4) B5DN, Casters
- (8) L30N-4K3, 30" Ledges
- (4) L21N-4K3, 21" Ledges
- (4) Bags of Gray Split Sleeves



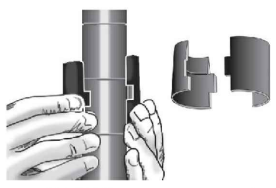
DOUGH CART ASSEMBLY

(K-926) 12



PARTS

- (4) 74UPK3, 74" Posts
- (4) 3M, Casters
- (3) 3036NK3, 30"x36" Wire Shelves
- (1) R3036FS, Solid Reinforced Shelf
- (6) Bags of Split Sleeves, each packed with the shelves



A package of Split Sleeves comes packed with each Shelf. Inside the Split Sleeve is a bead that snaps into the groove on the Post. The bead is towards the top of the Split Sleeve.

OVERFLOW PREP. STATION ASSEMBLY

(K-560) 13

Components:

- Stainless Steel Top
 - Type 304, food grade stainless steel work surface
 - Backsplash in front of back post for cleanliness
 - Cut outs for (8) Sauce Containers (1/6 size) (Containers not included)
- Stainless Steel Upper Shelves
 - Type 304, food grade stainless steel
 - Raised edges to contain spills
- Hanger Rail
 - Hanger Rail for Printer Hanger
- Under Shelves
 - Open Wire design for air flow and light penetration
- Label/Foil/Dipping Cups Dispenser hooks onto the shelf

Finish:

- Components expect for the stainless steel items are Metroseal III with Microban.
- Microban deters the growth of mold and bacteria and provides an easy to clean finish

NSF:

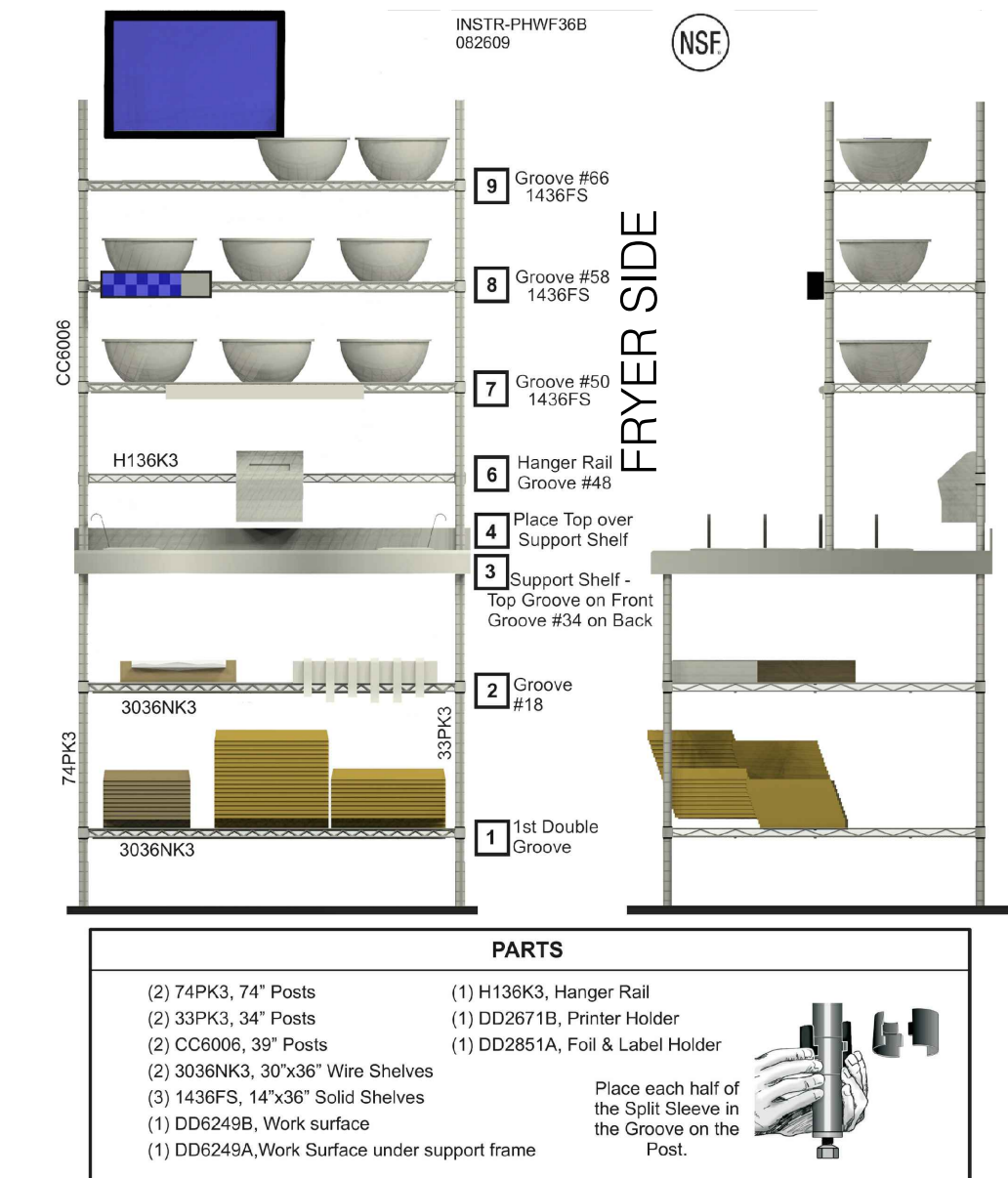
All components are manufactured per the NSF specifications and are NSF listed.

PARTS:

- (2) 74PK3, 74" Back Posts
- (2) 33PK3, 34" Front Posts
- (2) CC6006, 38" Upper Posts
- (2) 3036NK3, 30"x36" Wire Shelves
- (3) 1436FS, 14"x36" Solid Shelves
- (1) DD6246B, Work surface
- (1) DD6249A, Work Surface Support Frame
- (1) H136K3, Hanger Rail
- (1) DD2671B, Printer Holder
- (1) DD2851A, Foil & Label Holder

WING STREET SAUCING STATION

(K324) 8



Assembly Instructions

PARTS

- (2) 74PK3, 74" Posts
- (2) 33PK3, 34" Posts
- (2) CC6006, 38" Posts
- (2) 3036NK3, 30"x36" Wire Shelves
- (3) 1436FS, 14"x36" Solid Shelves
- (1) DD6246B, Work surface
- (1) DD6249A, Work Surface under support frame
- (1) H136K3, Hanger Rail
- (1) DD2671B, Printer Holder
- (1) DD2851A, Foil & Label Holder



WING STREET SAUCING STATION

(K-324) 9

Components:

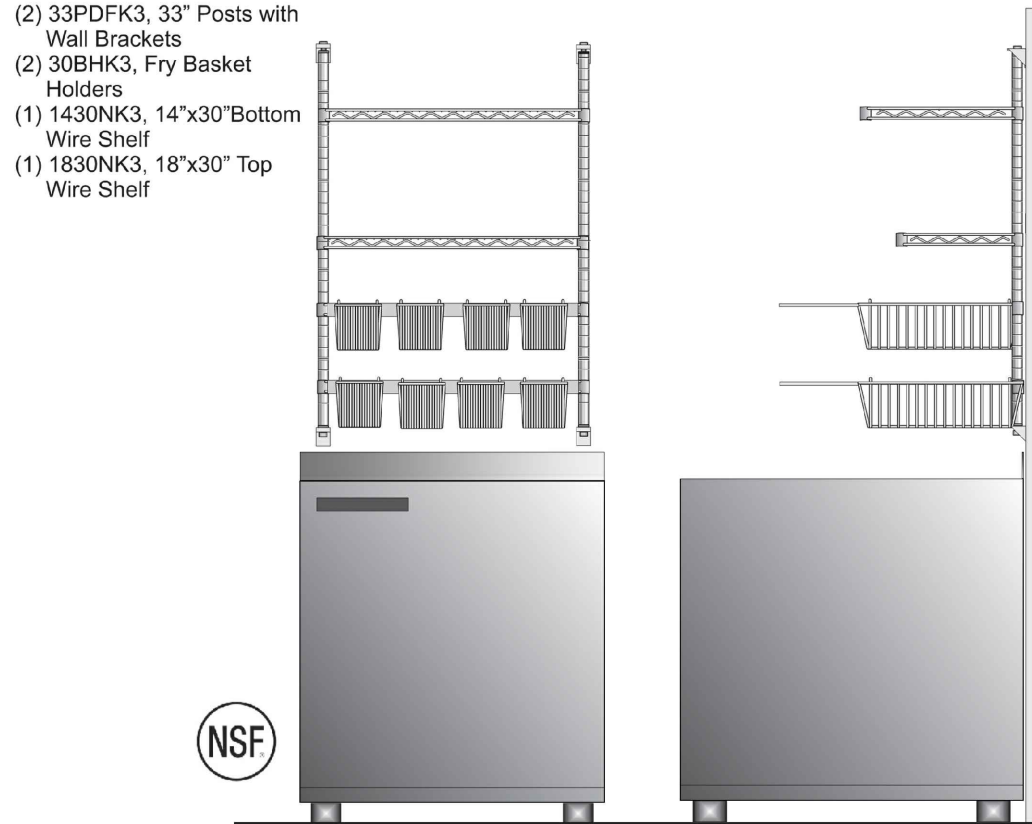
- Wall System allows for easy access to stored items
- Wall mounted allows for easy cleaning of the floor and access to adjacent equipment
- Upper Shelves for prep items and fryer filters
- Fryer Basket supports for Fryer Baskets

PARTS:

- (2) 33PDFK3, 33" Posts with Wall Brackets
- (2) 30BHK3, Fry Basket Holders
- (1) 1430NK3, 14"x30" Bottom Wire Shelf
- (1) 1830NK3, 18"x30" Top Wire Shelf

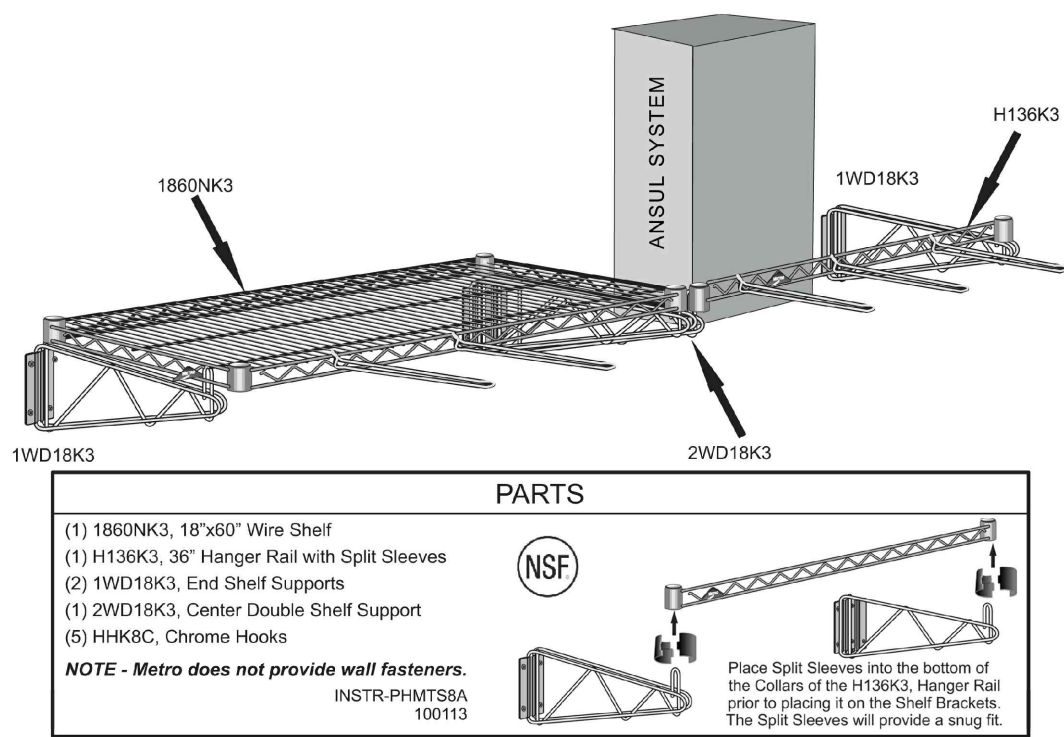
Sanitary: All components are finished in Metroseal III epoxy finish containing Microban. Microban deters the growth of bacteria and mold.

NSF: All components are manufactured per the NSF specifications and are NSF listed.



WING STREET PREP STATION

(K-326) 10



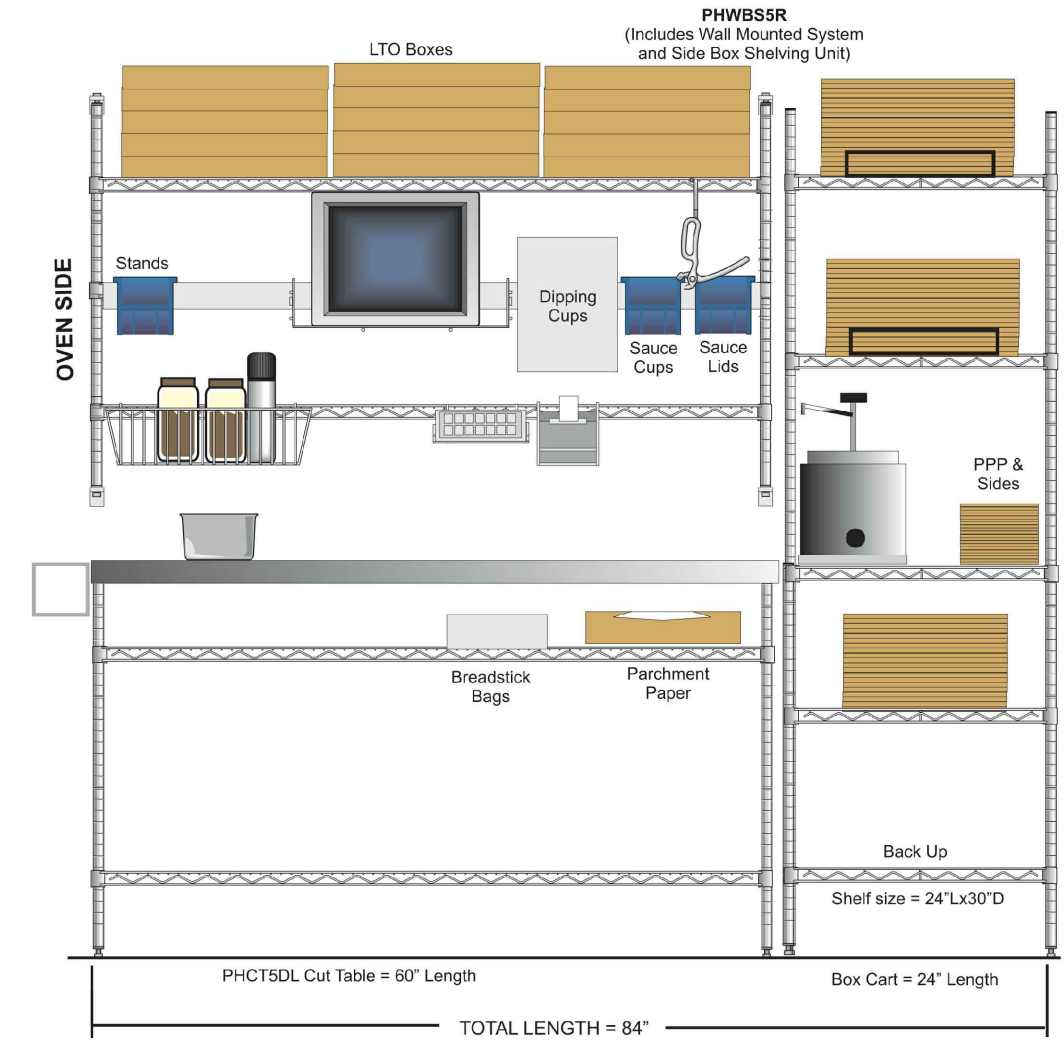
PARTS

- (1) 1860NK3, 18"x60" Wire Shelf
- (1) H136K3, 38" Hanger Rail with Split Sleeves
- (2) 1WD18K3, End Shelf Supports
- (1) 2WD18K3, Center Double Shelf Support
- (5) HHK8C, Chrome Hooks

NOTE - Metro does not provide wall fasteners.
INSTR-PHMT58A
100113

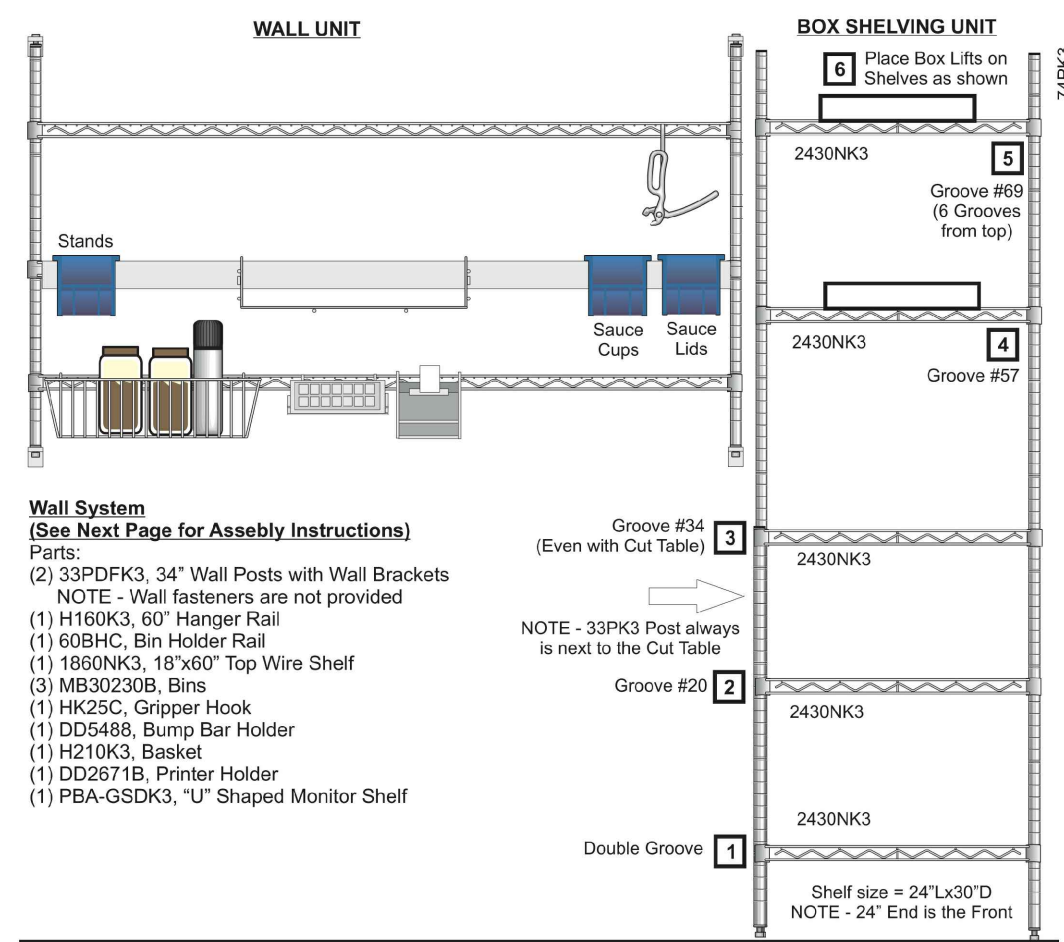
MAKE TABLE SHELF

(K-886) 4



WALL MOUNTED QUALITY STATION

5



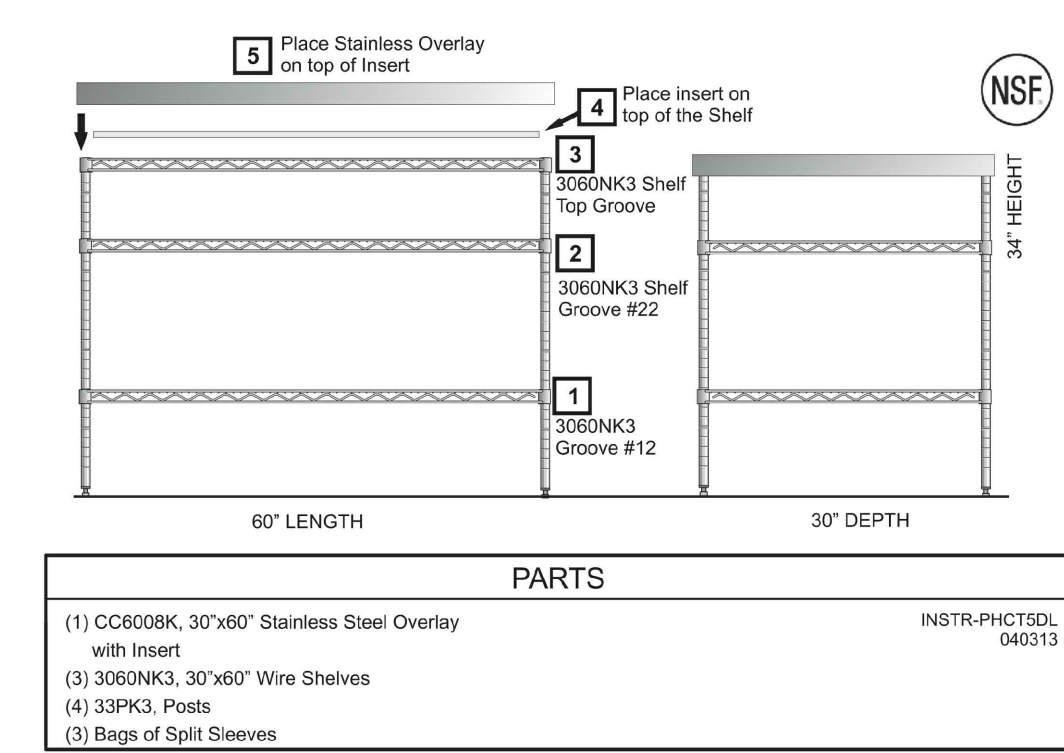
Wall System (See Next Page for Assembly Instructions)

- (2) 33PDFK3, 34" Wall Posts with Wall Brackets
- (1) H160K3, 60" Hanger Rail
- (1) 60BHC, Bin Holder Rail
- (3) ME30236B, Bins
- (1) HK25C, Gripper Hook
- (1) DD5488, Bump Bar Holder
- (1) H210K3, Basket
- (1) DD2671B, Printer Holder
- (1) PBA-GSDK3, "U" Shaped Monitor Shelf

- (6) Place Box Lifts on Shelves as shown
- (5) Groove #69 (6 Grooves from top)
- (4) Groove #57
- (3) Groove #20
- (2) Groove #2
- (1) Double Groove

WALL MOUNTED QUALITY STATION

(K-836) 6



PARTS

- (1) CC6008K, 30"x60" Stainless Steel Overlay with Insert
- (3) 3060NK3, 30"x60" Wire Shelves
- (4) 33PK3, Posts
- (3) Bags of Split Sleeves

INSTR-PHCTSD

040313

WALL CUT TABLE ASSEMBLY

(K-945) 7

Components:

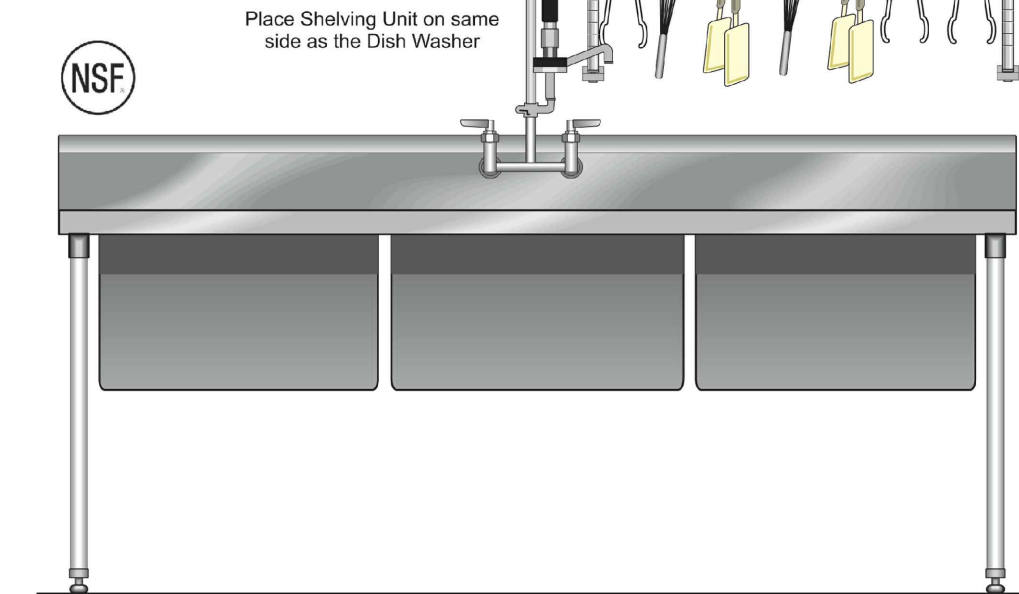
- Wall System allows for air drying and storage of Utensils, Lids and Containers

Sanitary: All components are finished in Metroseal III epoxy finish containing Microban.

Microban deters the growth of bacteria and mold.

NSF:

All components are manufactured per the NSF specifications and are NSF listed.

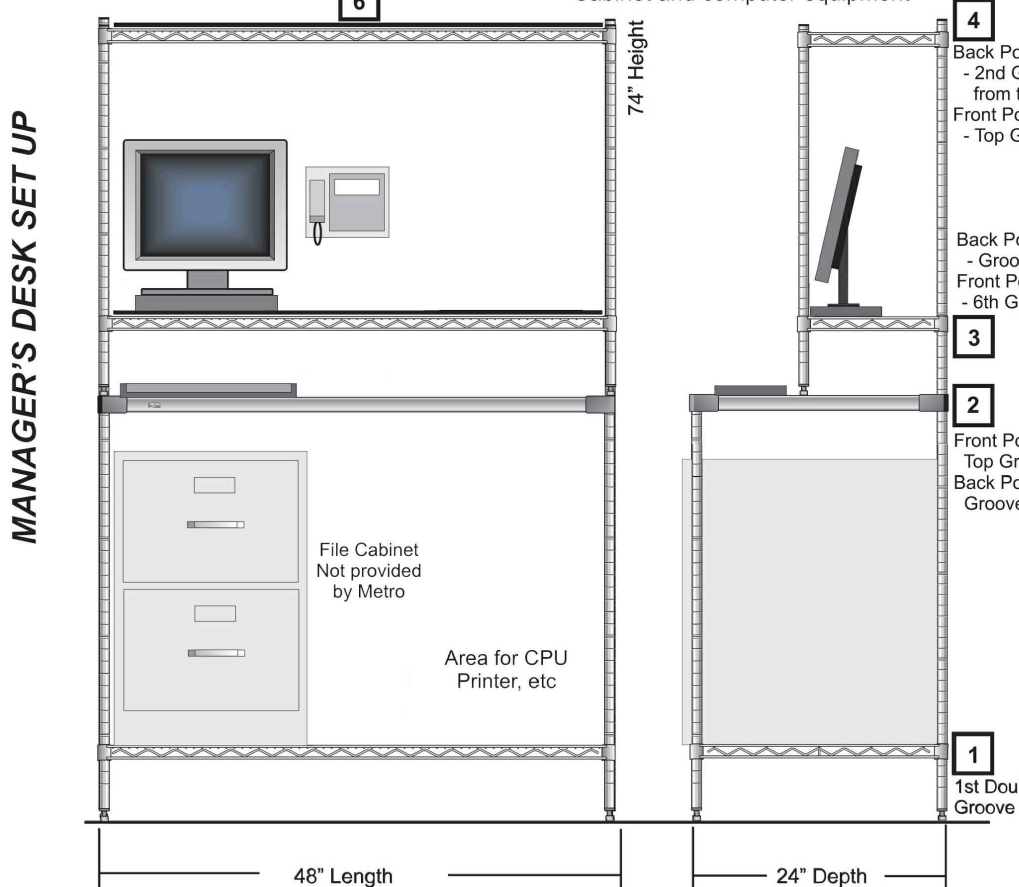


SHELVING @ 3-COMP SINK

(K-216) 1

Components: Easy to assemble without any tools.

- Solid Shelf for the work surface
 - 18 gauge, type 304 foodservice grade stainless steel shelf
- Wire Shelves above for storage
 - Chrome wire shelves
 - Wire shelf below to place the File Cabinet and computer equipment



PARTS

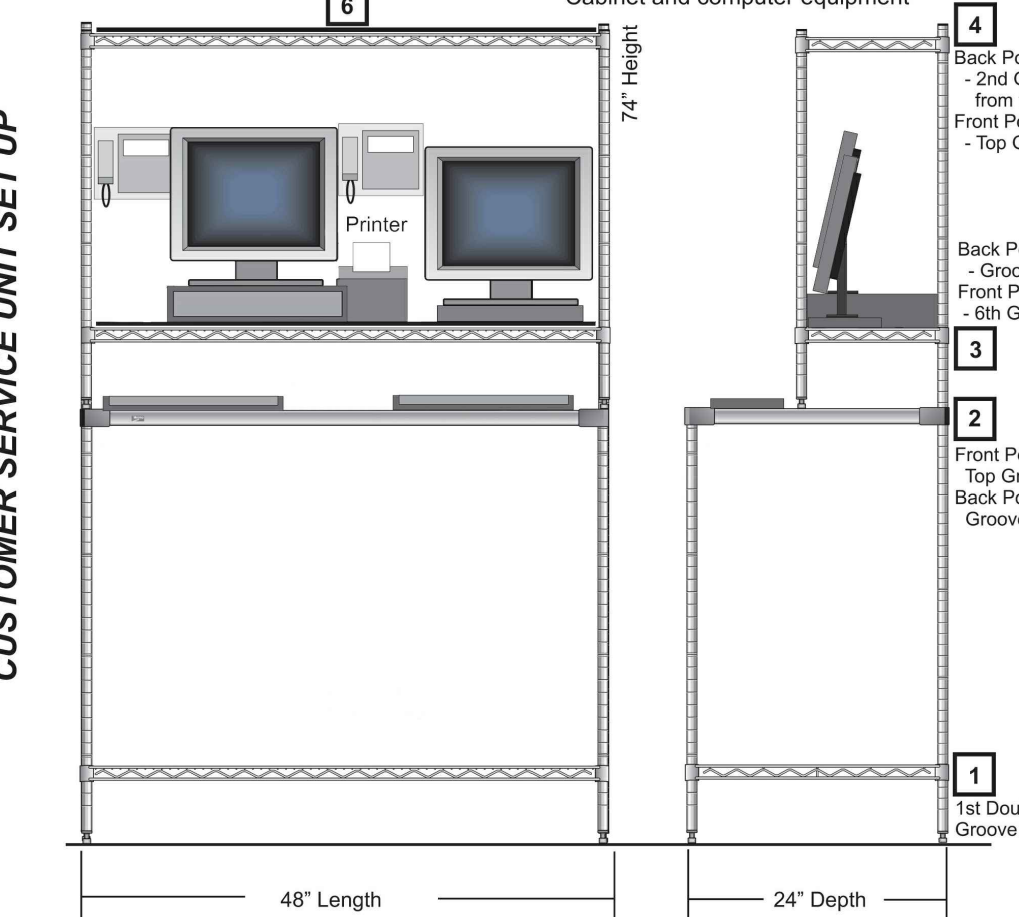
- (2) 144BR, 14"x48" Upper Shelves
- (2) 144BW, 14"x48" Shelf Inlays
- (2) 33P, 34" Upper Posts
- (2) 40CP, Lower Posts
- (2) 144BR, 14"x48" Wire Shelf

MANAGER'S STATION

(K-879) 2

Components: Easy to assemble without any tools.

- Solid Shelf for the work surface
 - 18 gauge, type 304 foodservice grade stainless steel shelf
- Wire Shelves above for storage
 - Chrome wire shelves
 - Wire shelf below to place the File Cabinet and computer equipment



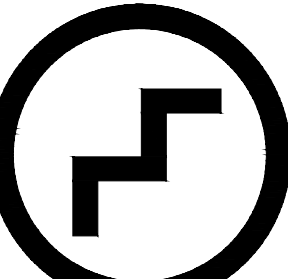
PARTS

- (2) 144BR, 14"x48" Upper Shelves
- (2) 144BW, 14"x48" Shelf Inlays
- (2) 33P, 34" Upper Posts
- (2) 40CP, Lower Posts
- (2) 144BR, 14"x48" Wire Shelf

CUSTOMER SERVICE UNIT

(K-879) 3

McIntosh



Ellis L. McIntosh Jr., AIA
1850 South Boulder, Suite 300
Tulsa, Oklahoma 74119
Telephone 918.585.8555
Telefax 918.583.7262



LICENSE NUMBER: 0401009230
EXPIRATION: 07/31/2019 (ELM)

6/3/19 DESIGN COMMENTS

CONTRACT DATE: 05.08.19

BUILDING TYPE: DELCO LITE

PLAN VERSION: 01.29.16

SITE NUMBER: XXXXXX

STORE NUMBER: XXXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



DELCO LITE
001.03.00

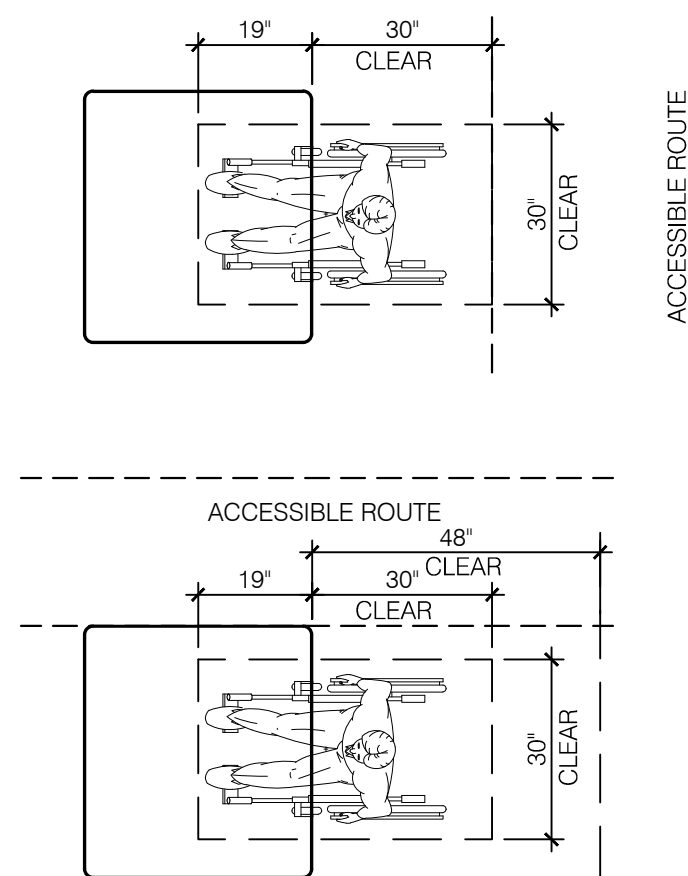
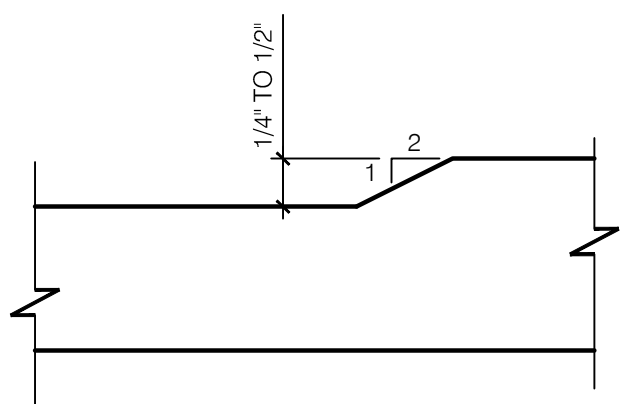
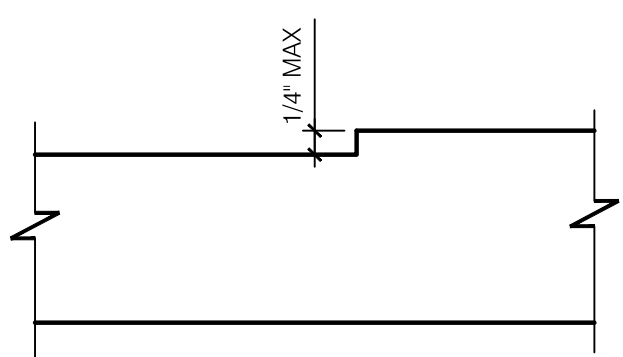
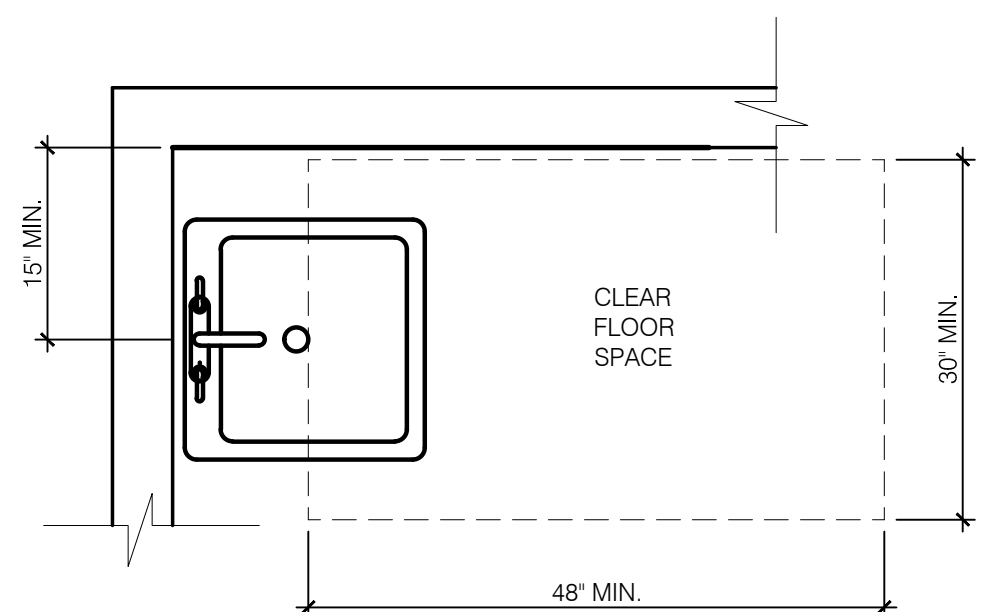
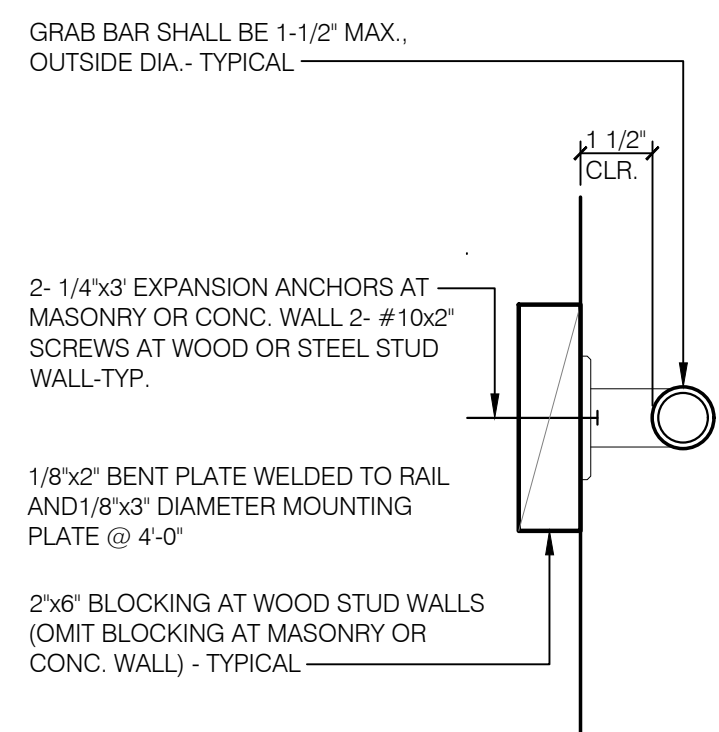
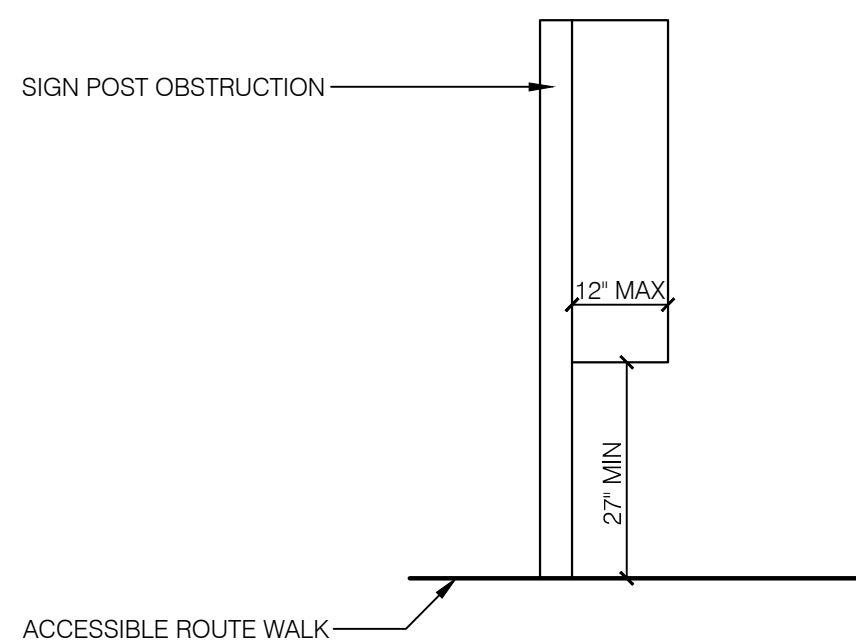
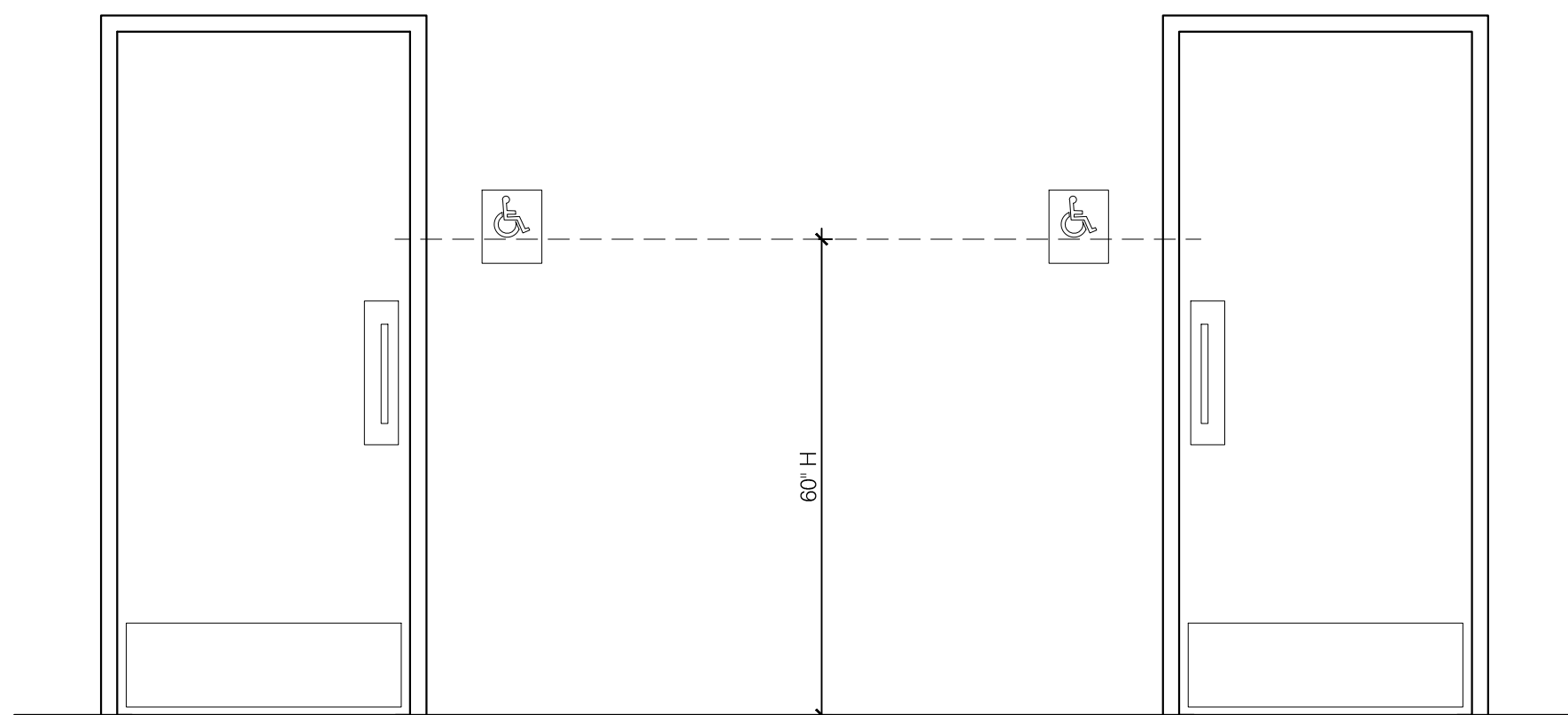
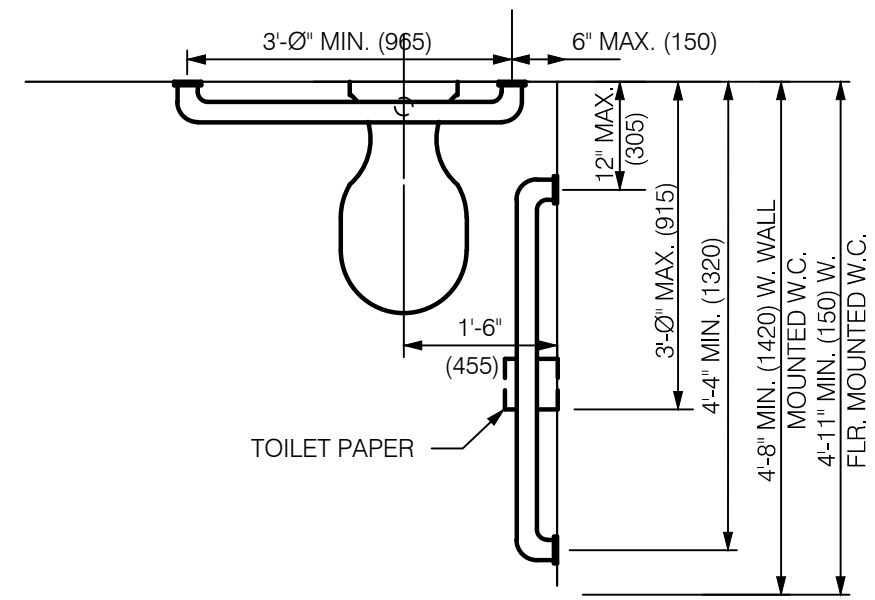
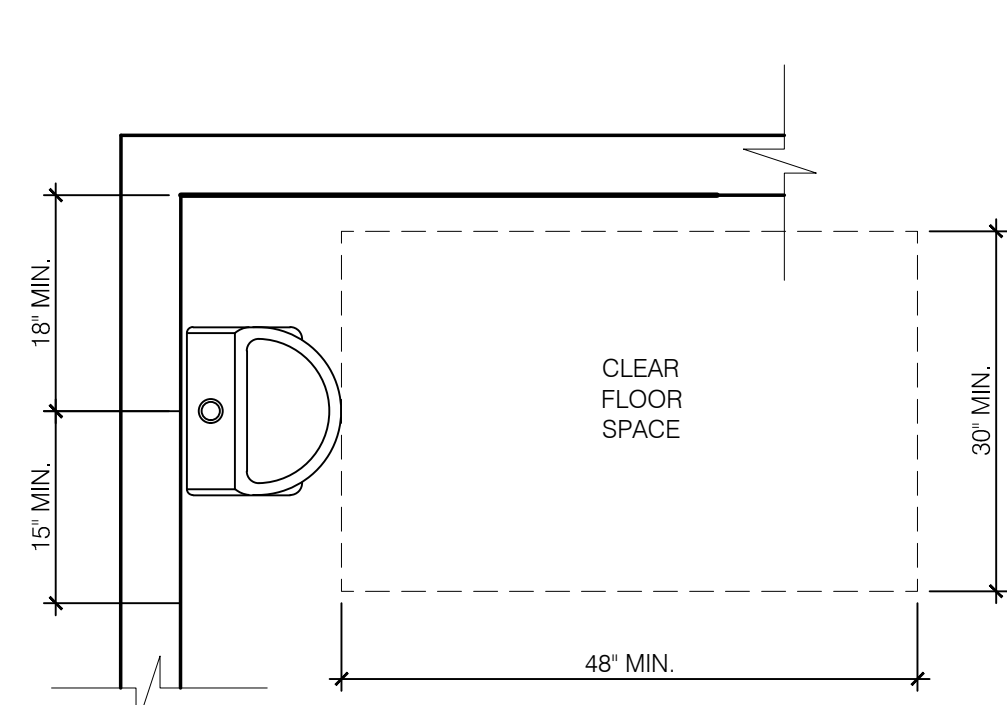
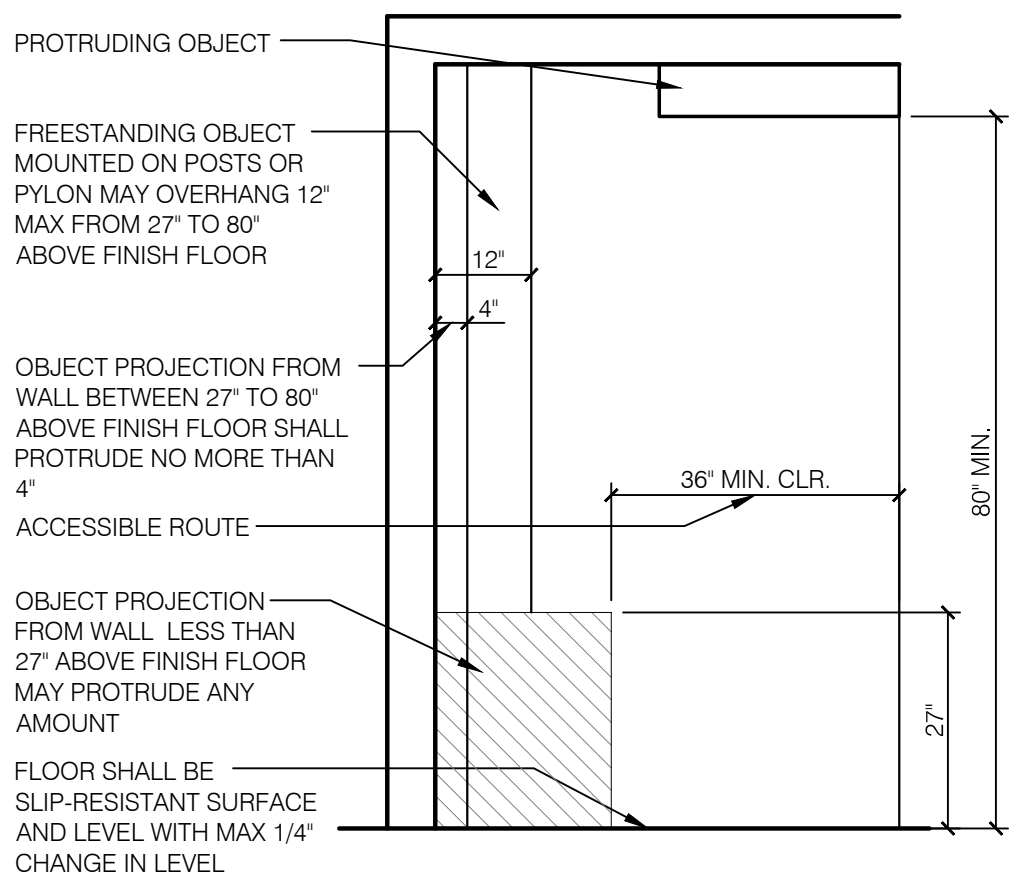
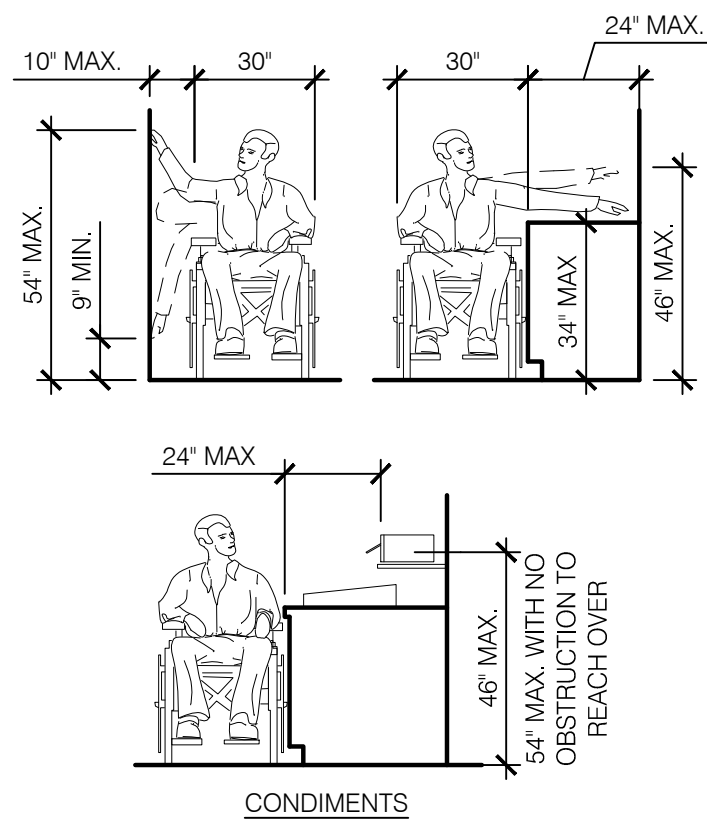
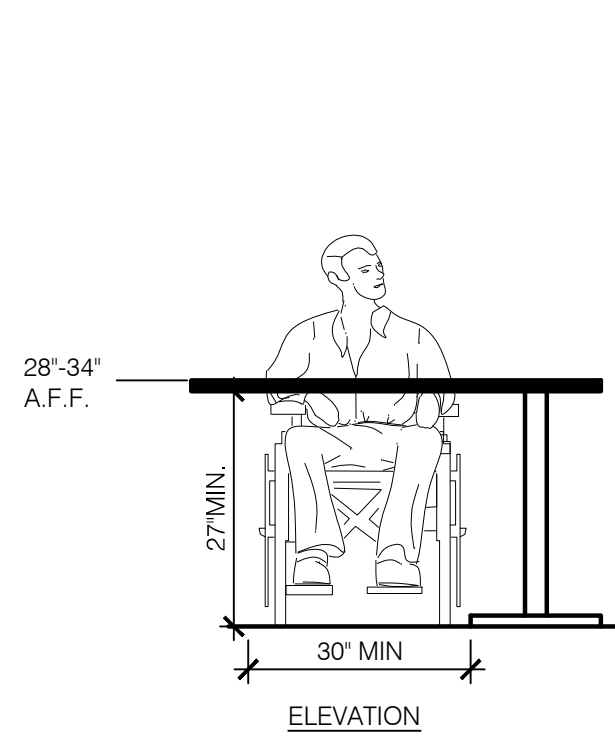
**METRO
SHELVING
ASSEMBLY AIDS**

A12.0

PLOT DATE: 05.09.19

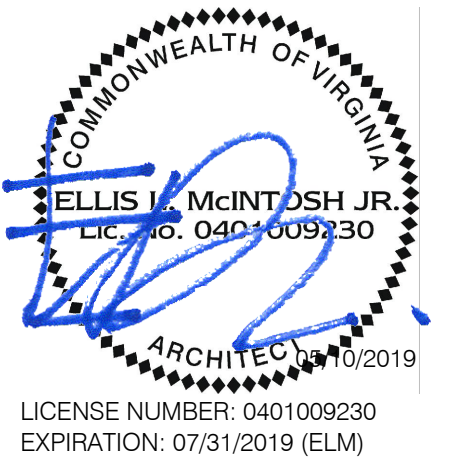
NUMBER OF ACCESSIBLE SEATS










WHEN D = 10"	OR LESS, H = 54"	MAX.
WHEN D = 10",	H = 53.5"	MAX.
WHEN D = 12",	H = 53.0"	MAX.
WHEN D = 13",	H = 52.5"	MAX.
WHEN D = 14",	H = 51.5"	MAX.
WHEN D = 15",	H = 51.0"	MAX.
WHEN D = 16",	H = 50.5"	MAX.
WHEN D = 17",	H = 50.0"	MAX.
WHEN D = 18",	H = 49.5"	MAX.
WHEN D = 19",	H = 49.0"	MAX.
WHEN D = 20",	H = 48.5"	MAX.
WHEN D = 21",	H = 47.5"	MAX.
WHEN D = 22",	H = 47.0"	MAX.
WHEN D = 23",	H = 46.5"	MAX.
WHEN D = 24",	H = 46.0"	MAX.



NOTE:
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.

REFERENCED ADA SLOPES:
 1% = 1:100, OR APPROXIMATELY 1/8"/FT.
 2% = 1:50, OR APPROXIMATELY 1/4"/FT.
 5% = 1:20, OR APPROXIMATELY 9/16"/FT.
 8.33% = 1:12, OR APPROXIMATELY 1"/FT.
 10% = 1:10, OR APPROXIMATELY 1-3/16"/FT.



	6/3/19	DESIGN COMMENTS
		
		
		
		
		
		
		
		

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



DELCO LITE
001.03.00

ACCESSIBILITY REQUIREMENTS

ADA1.0

PLOT DATE: 05.09.19

HOOD INFORMATION - Job#3810023

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM							TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG.	
						RISER(S)									END TO END	ROW
						WIDTH	LENG.	HEIGHT	DIA.	CFM	VEL.	S.P.				
1		7230 CND-2-PSP-F	8' 0"	450 Deg.	875			4"	12"	875	1114	-0.624"	670	430 SS Where Exposed	ALONE	ALONE
2		3347 BD-2	3' 0"	450 Deg.	510			4"	8"	510	1461	-0.205"	0	430 SS Where Exposed	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	TAG	FILTER(S)					LIGHT(S)			LOCATION	SIZE	UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WIGHT
		TYPE	QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY.	TYPE	WIRE GUARD			FIRE SYSTEM		ELECTRICAL	SWITCHES		
												TYPE	SIZE	MODEL #	QUANTITY		
1		Pizza Oven HVC Filters	2	20"	16"		3	L55 Series E26	NO							YES	502 LBS
2		SS Baffle with Handles	2	16"	16"	30%	1	L55 Series E26	NO							YES	171 LBS

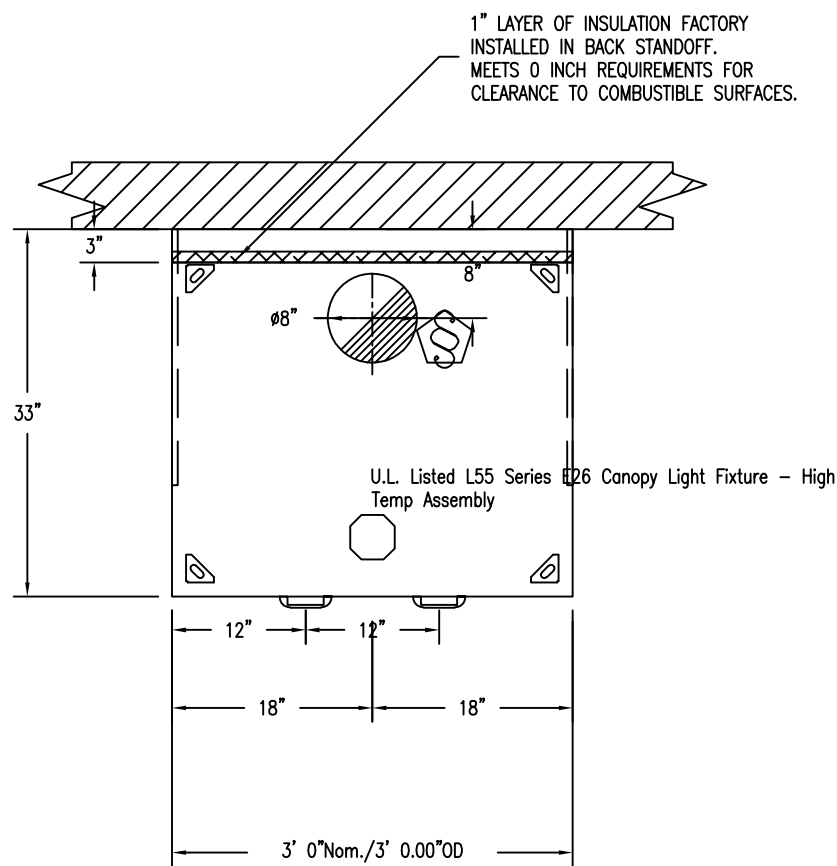
HOOD OPTIONS

HOOD NO.	TAG	OPTION
1		FIELD WRAPPER 10.00" High Left, Right, Back
		BACKSPLASH 96.00" High X 96.00" Long 430 SS Vertical
		BACKSPLASH 120.00" High X 18.00" Long 430 SS Vertical
		LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		FINISHED BACK- ISL/REV INSTALL 96.00" Long, (Filters to the front)
2		RISER SENSOR INSTALL 6IN PLEN
		FIELD WRAPPER 35.00" High Front, Left, Right
		BACKSPLASH 120.00" High X 72.00" Long 430 SS Vertical
		RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS
		INSULATION FOR BACK OF HOOD
		RISER SENSOR INSTALL 6IN PLEN

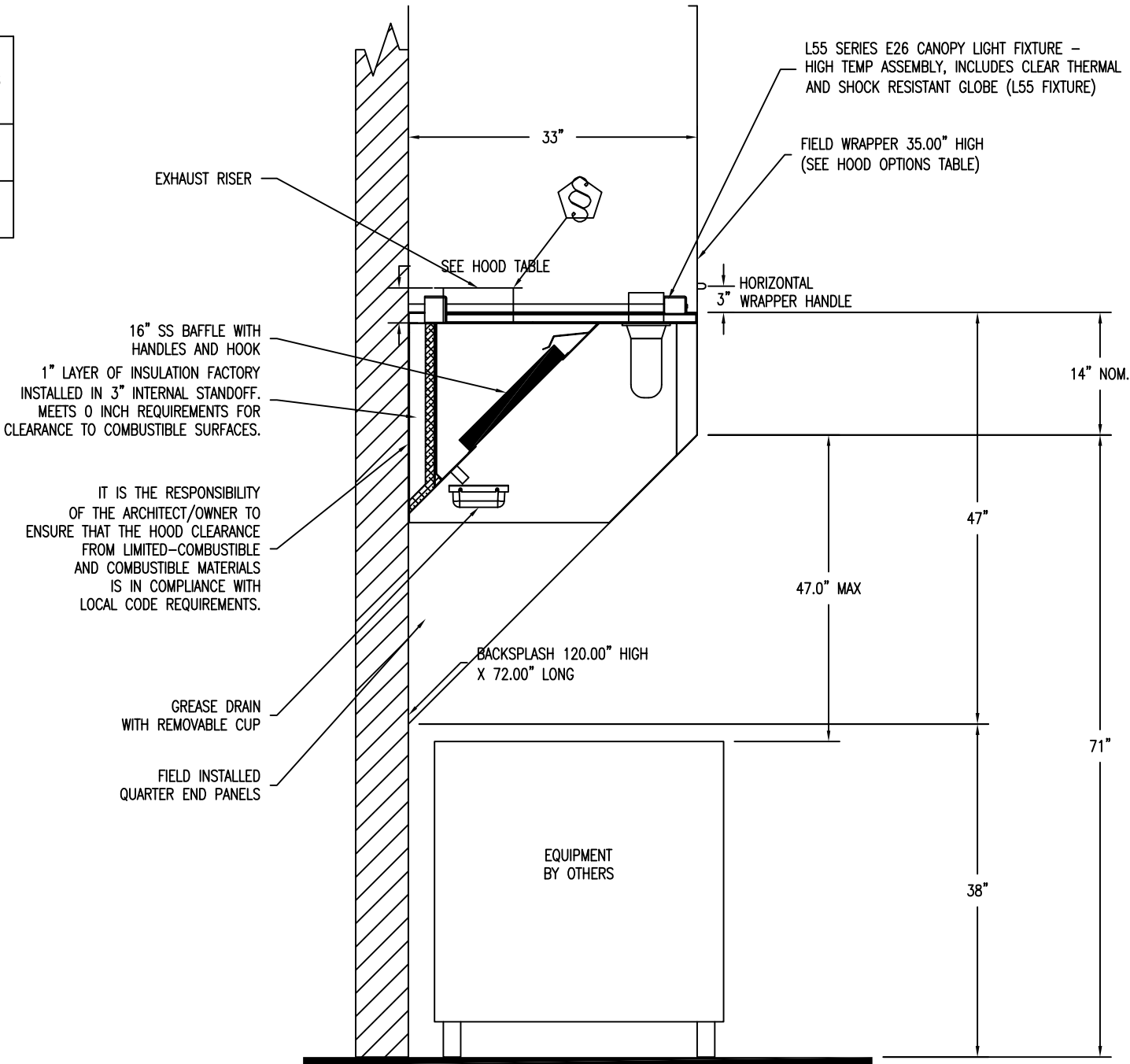
PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			
							WIDTH	LENG.	DIA.	S.P.
1		Front	96"	9"	12"	MUA	6"	28"		0.093"
						MUA	6"	28"		0.093"

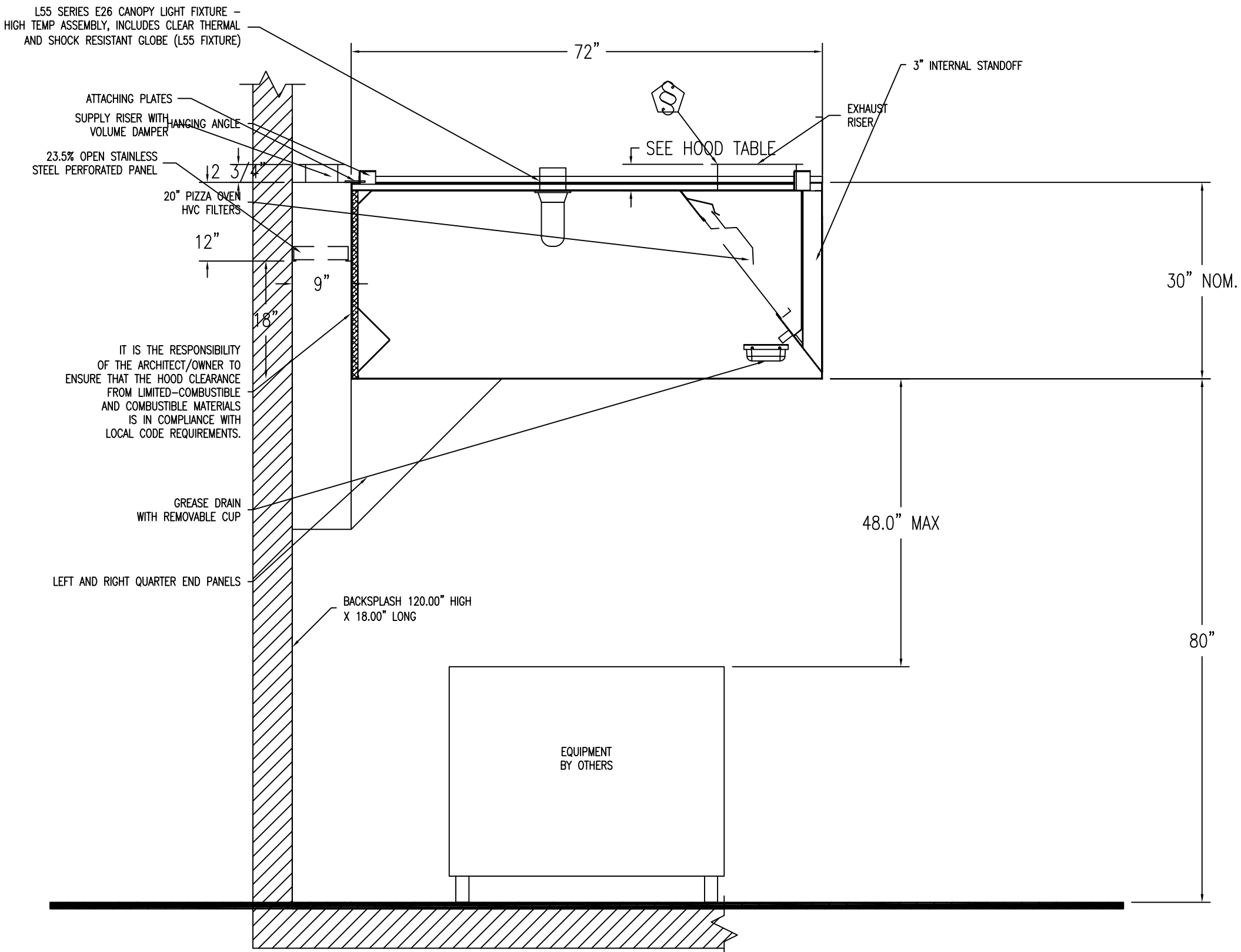
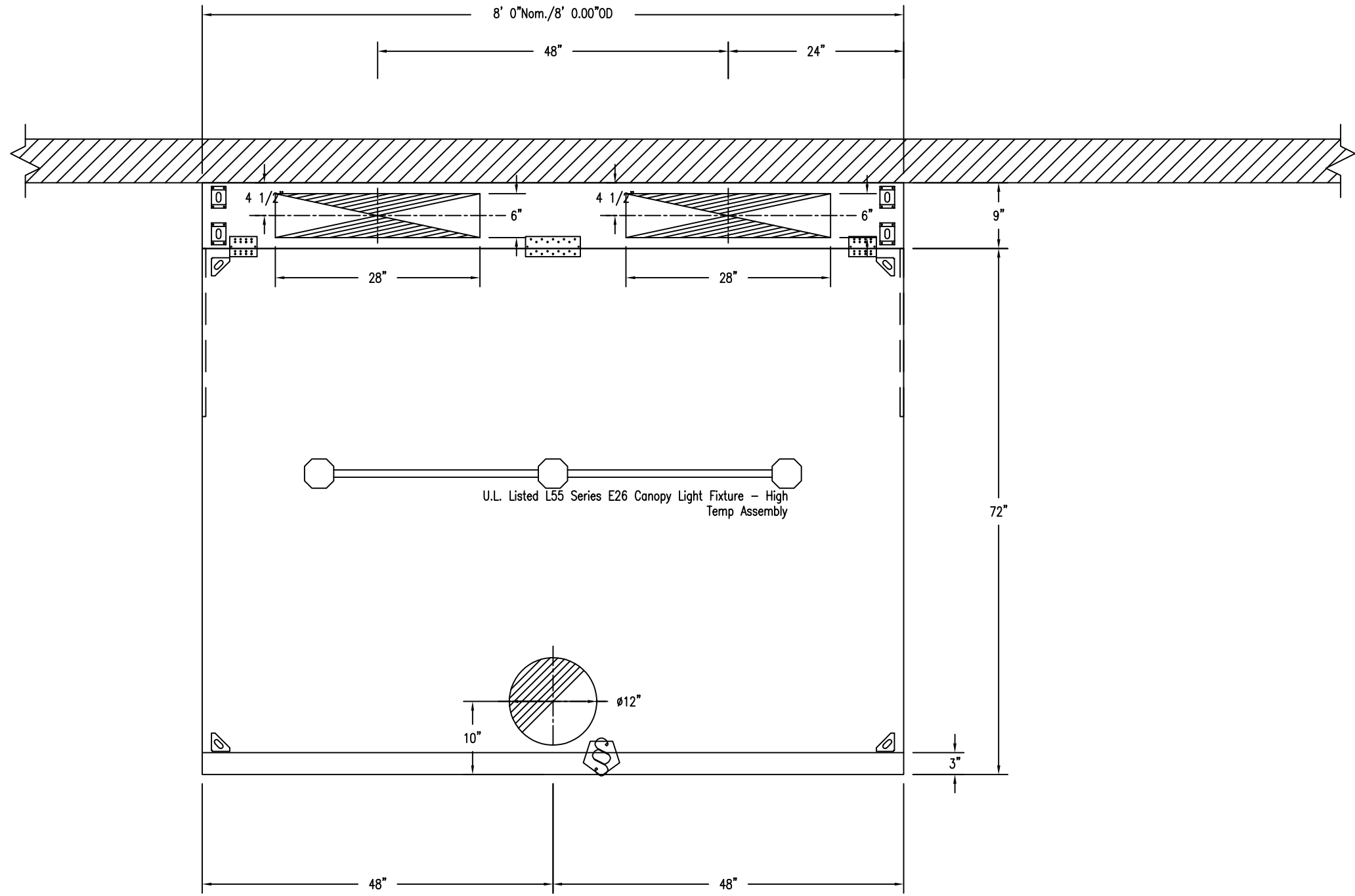
PLAN VIEW - Hood #1
8' 0.00" LONG 7230CND-2-PSP-F



PLAN VIEW - Hood #2
3' 0.00" LONG 3347BD-2



SECTION VIEW - MODEL 3347BD-2
HOOD - #2



SECTION VIEW - MODEL 7230CND-2-PSP-F
HOOD - #1

REVISIONS

DESCRIPTION	DATE:
Δ	
Δ	
Δ	
Δ	
Δ	

CAPTIVE

Dallas Office

1901 Royal Lane Suite 101, DALLAS, TX. 75229 PHONE: (214) 220-3999 FAX: (214) 220-0099 EMAIL: reg15@captiveare.com

McIntosh

Ellis L. McIntosh Jr., AIA
1850 South Boulder, Suite 300
Tulsa, Oklahoma 74119
Telephone 918 585 8555
Telefax 918 583 7282

Dialectic

210 W. 2nd Street, Suite 300
Tulsa, Oklahoma 74103
Telephone 918-583-8555
Telefax 918-583-7282

THIS SHEET IS PART OF THE CONSTRUCTION DOCUMENTS. IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE AND COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE AND COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE ARCHITECT/OWNER TO ENSURE THAT THE HOOD CLEARANCE FROM LIMITED-COMBUSTIBLE AND COMBUSTIBLE MATERIALS IS IN COMPLIANCE WITH LOCAL CODE REQUIREMENTS.

COMMONWEALTH OF VIRGINIA

BRADLEY JOSEPH HILLEBRENNER
Lic. No. 057980

PROFESSIONAL ENGINEER

1/5/19

6/3/19 DESIGN COMMENTS

Δ

Δ

Δ

Δ

Δ

Δ

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CONTRACT DATE: 05.08.19

BUILDING TYPE: DELCO LITE

PLAN VERSION: 01.29.16

SITE NUMBER: XXXXXX

STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

Pizza Hut

DELCO LITE

001.03.00

HOOD DETAILS

M2.0

PLOT DATE: 05.09.19

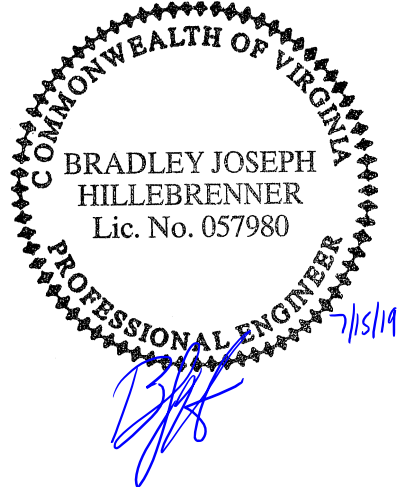
dialectic

210 W 20th Street, Suite 200
Kansas City, Missouri 64108
Vigilante Contractors of America 407-502266

781-887-8021
781-887-8022
dialect@sonic.net

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OWNER SHEETS INCLUDE SPECIFICATIONS APPLICABLE TO THE
ENTIRE PROJECT. A SCHEDULE OF MATERIALS, NOT TO BE
USED AS A SHOP DRAWING, MAY BE REQUIRED. INCLUDE ALL
NOTES AND CONDITIONS OF CONTRACT. THE CONTRACTOR
AND THE ENGINEER OR ARCHITECT, UNDER VARIOUS LOCATIONS
AND CONDITIONS OF CONTRACT, SHALL BE RESPONSIBLE FOR
SUBMITTALS AND FOR THEIR REPRESENTATIVE CONTRACTS.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND
BE VERIFIED PRIOR TO CONSTRUCTION AND FOR ANY
ADDITIONS OR CHANGES TO THE CONTRACT DOCUMENTS.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND
FOR ANY CHANGES TO THE CONTRACT DOCUMENTS. THE
CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND
FOR ANY CHANGES TO THE CONTRACT DOCUMENTS.

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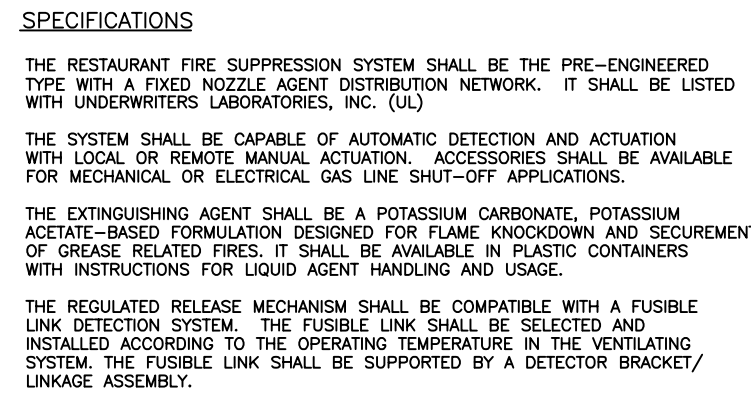


170 GATE CITY HIGHWAY
BRISTOL, VA 24201



PIZZA HOOD & FRYER HOOD ANSUL DETAILS

PLOT DATE: 05.09.19

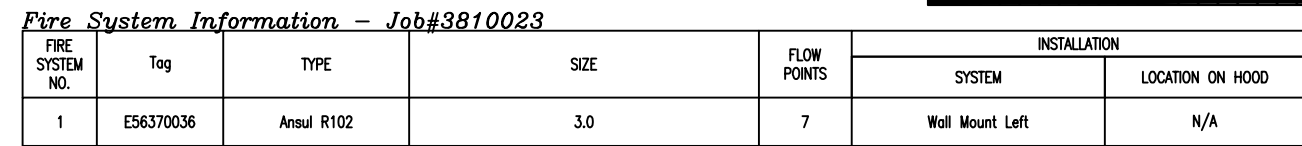


Job #: 381023
Job Name: Pizza Hut 8 3 Bristol VA

System Size: ANSUL-3.0 Total PF required: 7
Hood 1 8" 0.00' Long 72" Wide x 30" High
Hood 2 AUTOMATIC RELEASE
Hood 3 Metal Blow-Off Caps included.
Hood 4 2" 0.00' Long x 33" Wide x 47" High
Hood 5 2" 0.00' Long x 33" Wide x 47" High
Hood 6 Metal Blow-Off Caps included.

LEGEND - WALL MOUNTED ANSUL SYS

1A	1.5 GALLON TANK
1B	3.0 GALLON TANK
2	AUTOMATIC RELEASE
3	3 GALLON TANK ENCLOSURE
3A	6 GALLON TANK ENCLOSURE
4	REGULATED ACTUATOR
5	3 GAL. ANSULX LIQUID AGENT (3 GAL.)
6	ANSULX LIQUID AGENT (1.5 GAL.)
7	CARTRIDGE (101-20)
8	CARTRIDGE (101-10)
9	CARTRIDGE (101-30)
9A	CARTRIDGE (LT-A-101-30)
9B	DOUBLE TANK CARTRIDGE
10	TEST LINK
11	DOUBLE MICROSWITCH
2W	DUCT NOZZLE (419337)
1N	NOZZLE ASSEMBLY (419336)
1F	NOZZLE ASSEMBLY (419333)
1N	NOZZLE ASSEMBLY (419335)
1/2N	NOZZLE ASSEMBLY (419334)
3N	NOZZLE ASSEMBLY (419338)
24S	NOZZLE ASSEMBLY (419340)
230	NOZZLE ASSEMBLY (419339)
1120	NOZZLE ASSEMBLY (419343)
290	NOZZLE ASSEMBLY (419342)
260	NOZZLE ASSEMBLY (419341)
28	DETECTOR BRACKET
1	LOW TEMP FUSIBLE LINK
1	HIGH TEMP FUSIBLE LINK
MGV	MECHANICAL GAS VALVE
EGV	ELECTRICAL GAS VALVE
4	RETRACTABLE MANUAL PULL STATION
S4	SWIVEL ADAPTOR



FIRE SYSTEM PARTS LIST KEY		KEY NUMBER - PART DESCRIPTION	QTY. BY FACTORY	QTY. BY DIST.
PART NO.	TAG			
0 - 0		METALCAP-GB-BLOWOFF CAP - Metal	5	0
1 - 1		AT - 3.0 TANK (R18) - 3.0 Gallon SS Tank (for use with Automaton Release, Actuator, or SS Endurance (UL/ALC))	0	1
2 - 2		NP - Air AUTOMAN RELEASE - Automaton Mechanical Release (UL), Tank sold separately, Aural Part # 429083, Mocoite # 01-429083	0	1
5 - 5		UB-30 AGENT - Analox-Low PH Wet Chemical Agent, 3 Gallon (UL) 78372	0	1
7 - 7		101-20 CARTRIDGE - Carbon Dioxide 101-20, 3 Gallon Cartridge (R-102)	0	1
10 - 10		TANK LINK - Test Link (1 test link) Aural Part # 24916, Mocoite # 20-24916	0	1
11 - 11		M200-50 MICROPISTOL-77 Includes 2 mèches and Mounting Hardware, Single Dot Electric Switch, One Standard Switch, one Alarm Duty Switch Aural Part # 427155, Mocoite # 08-437155	0	1
14 - 14		41933X NOZZLE - 1W Nozzle, Dist./Appliance (Replaces ANSUL Part 419347, CAS Part# 41933X) AN001266	2	0
16 - 16		41933S NOZZLE - 1N Nozzle, Appliance/Appliance (Replaces ANSUL Part 419346, CAS Part# 41933S) AN001265	2	0
19 - 19		41933X NOZZLE - 3N Nozzle, Appliance/Appliance (Replaces ANSUL Part 419349, CAS Part# 41933X) AN001268	2	0
26 - 26		GSB-3/8-3/8 GUN SEAL - 3/8" (UL)	4	0
27 - 27		GSF-1/2 PILEY SEAL - 1/2" Wood Seal (UL) Aural Part # 423253, Mocoite # 32-73768	5	0
28 - 28		5-DT DETECTOR - Series (Scissor Livings) Aural Part # 430547/430548 (Od # 417268/430480), Mocoite # 01-437369	4	0
29 - 29		3N-500F, FUSIBLE LINK - 360deg F, R-102 and PERANA, Aural Part # 430988	3	0
30 - 30		3N-500F, FUSIBLE LINK - 500deg F, R-102 and PERANA, Aural Part # 430932	1	0
34 - 34		RPS-A REMOTE PULL LATCH - Red composite (without wire rope) 446181 (Od Mocoite #66-4450)	0	1
35 - 35		PE-1/2 PILEY ELBOW - Low Temp. Pulley Elbow, Set Screw Type Aural Part # 416070, Mocoite # 11-416071	3	1
36 - 36		PE-1/2 PILEY ELBOW - High Temp. Pulley Elbow, Compression Type, Aural Part # 423251, Mocoite # 10-425771	4	0

DATE: 4/29/2019

DWG.#:
3810023

DRAWN BY: DJL-45

SCALE:
NOT TO SCALE

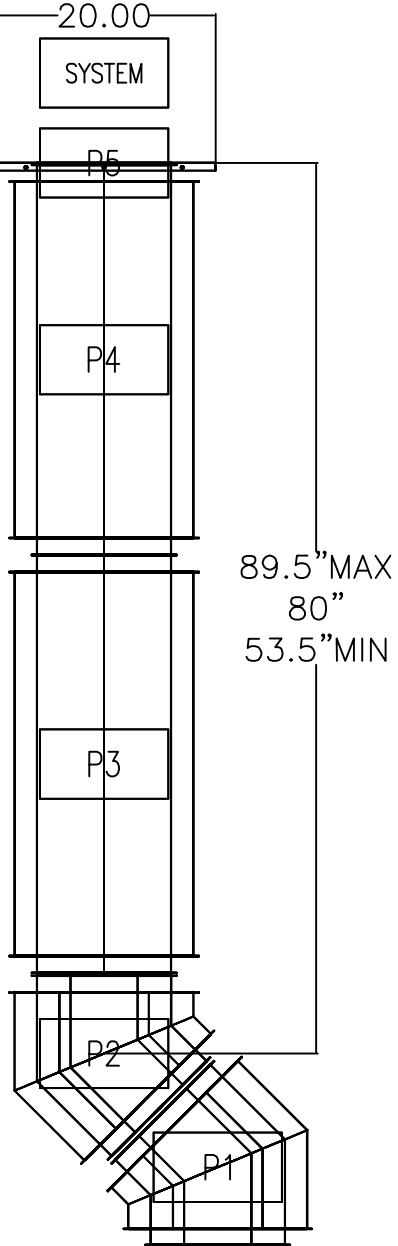
MASTER DRAWING

SHEET NO.
4

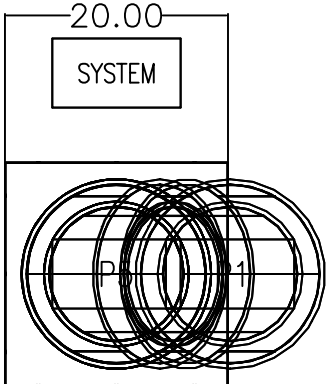
DuctWork #1 Parts - Job#3810023 OVEN DUCT

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW1245DWASY-2R-S	875	-0.021	16.53	1114.08	1	Double Wall Duct - 12" Inner 45 Duct - 2 Layers Reduced Clearance - 16" Stainless Steel Outer Shell.
P2	DW1245DWASY-2R-S	875	-0.03	16.53	1114.08	1	Double Wall Duct - 12" Inner 45 Duct - 2 Layers Reduced Clearance - 16" Stainless Steel Outer Shell.
P3	DW1247DWAJD-2R-S	875	-0.008	85.91	1114.08	1	Double Wall Adjustable Duct - 12" Inner Duct, 47" long - 2 Layers Reduced Clearance - 16" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 48.5" / Adjustment = 30.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.
P4 Assembled w/P5	DW1235DWLT-2R-S	875	-0.008	41.52	1114.08	1	Double Wall Duct - 12" Inner Duct, 35" long - 2 Layers Reduced Clearance - 16" Stainless Steel Outer Shell.
P5 Assembled w/P4 System at P5	DW1912TPDBEX	875	0	7.50	1114.08	1	Duct to Curb Transition 3/4" Down Turn, 19-1/2" Curb to 12" Duct, 16 GA Aluminized. For Use With Exhaust Fans.
	DW160WRISER-2R-S			7.31		1	Double Wall Riser Cover - Used On 12" Inner Riser, 4" long - 2 Layers Reduced Clearance - 16" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
	3M-2000PLUS			0.80		1	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
	DW12DWCLASY-2R-S			6.90		1	Duct - 12" Duct - 16" Double "V" Clamp - 2R Insulation & Single "V" Clamp Included - Reduced Clearance.
Total Weight				183.00			

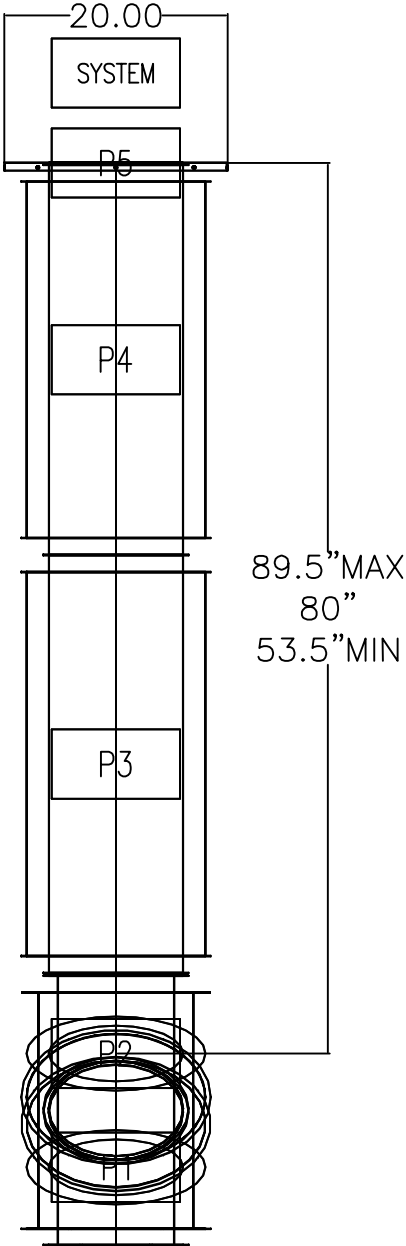
DuctWork #1 Front View
OVEN DUCT



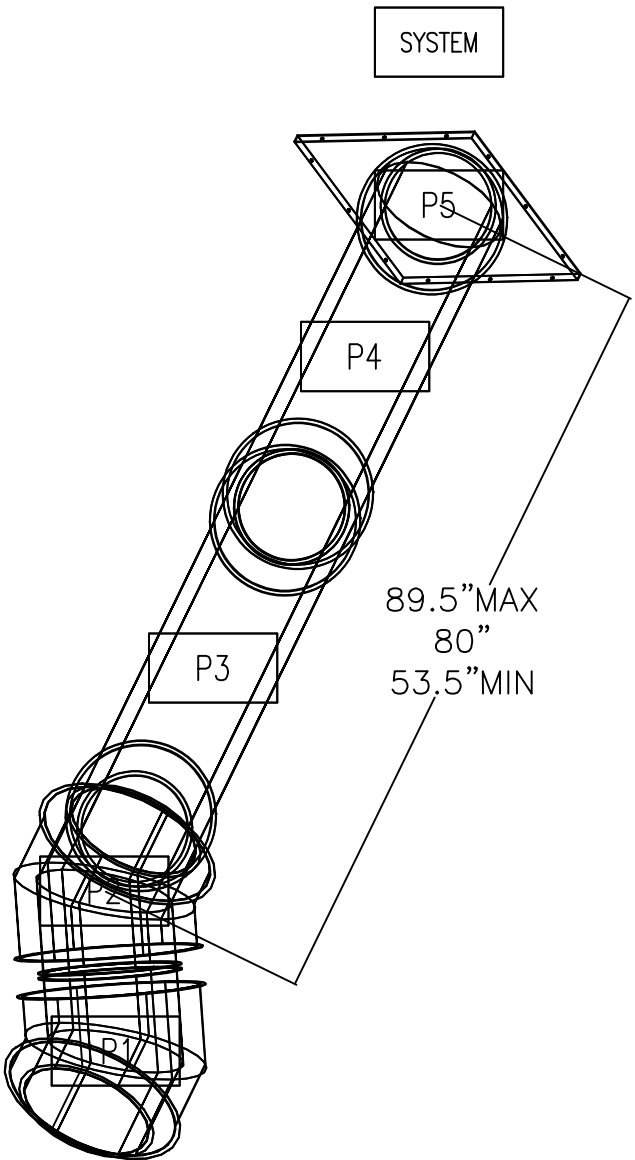
DuctWork #1 Top View
OVEN DUCT



DuctWork #1 Side View
OVEN DUCT



DuctWork #1 SE View
OVEN DUCT



REVISIONS

DESCRIPTION	DATE:
△	
△	
△	
△	

1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-3989 FAX: (214) 220-0989 EMAIL: reg45@captive.com

Pizza Hut 8 3 Bristol VA
BRISTOL, VA, 24201

DATE: 4/29/2019

DWG.#: 3810023

DRAWN BY: DJL-45

SCALE: NOT TO SCALE

MASTER DRAWING

SHEET NO. 9

McIntosh

Ellis L. McIntosh Jr., AIA
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Tulsa, Oklahoma 74119
Telephone 918.585.8555
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Dialectic

Circle 10
310 W 20th Street, Suite 200
Tulsa, OK 74106-3000
T 918-587-8821
F 918-587-8822
www.dialectic.com

THIS SHEET IS PART OF THE CONSTRUCTION DOCUMENTS. OTHER SHEETS RELATING THERETO SHALL APPLY. THE DESIGN ENGINEER'S RESPONSIBILITY IS TO SEE THAT THE WORK SHOWN ON THIS SHEET IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS AND THE CODES OF ALL APPLICABLE JURISDICTIONS. THE ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED HEREON FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT WAS PREPARED. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THE WORK SHOWN ON THIS SHEET. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THE WORK SHOWN ON THIS SHEET. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THE WORK SHOWN ON THIS SHEET.

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COMMONWEALTH OF VIRGINIA

BRADLEY JOSEPH HILLEBRENNER
Lic. No. 057980

PROFESSIONAL ENGINEER

4/5/19

△ 6/3/19 DESIGN COMMENTS

△

△

△

△

△

△

△

△

CONTRACT DATE: 05.08.19

BUILDING TYPE: DELCO LITE

PLAN VERSION: 01.29.16

SITE NUMBER: XXXXXX

STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

DELCO LITE
001.03.00

GREASE DUCT
DETAILS

M2.4

PLOT DATE: 05.09.19

SECTION 15050	
BASIC MECHANICAL MATERIALS AND METHOD	
PART 1 - GENERAL	
1.1 SUMMARY	
A. Labor, materials, tools, and services for a complete installation of equipment and system contained in the Contract Documents.	
B. Principal features of the work included are:	
1. Heating, ventilating, air conditioning systems, controls, and mechanical system insulation.	
2. Roof curbs for HVAC systems, intake hoods, louvers, supply fans, and relief vents furnished and set under this Division.	
3. Refrigerant piping, connections, refrigerant and refrigerant charges.	
4. Excavating and backfilling for mechanical work; coordinate with Section 02300.	
5. Anchor bolts, sleeves, supports and similar items to be built into concrete or masonry.	
6. Preparation for testing and balance of mechanical systems and correcting deficiencies.	
7. Preparation and submittal of shop drawings and product data.	
8. Maintaining a record set of blueine prints and marking them to indicate locations of concealed items, and deviations made to suit conditions and production of mechanical as-built (record) drawings.	
1.2 JOB CONDITIONS	
A. Submittal of bid implies bidder has read applicable paragraphs of the specifications and will be bound by their conditions.	
1.3 LOCAL CONDITIONS	
A. Conform with local conditions. Coordinate with local utilities on size of utility services.	
1.4 INTENT	
A. The contract documents (drawings and specifications) describe the mechanical work of this project. Any item mentioned in one part shall be as binding as though mentioned in both.	
B. The contract documents form a guide for a complete mechanical installation. Where an item is reasonably necessary but not specifically mentioned, such as duct hangers or transitions, piping offsets, drains, etc., for a complete system, provide same.	
C. Mechanical layouts indicated on drawings are diagrammatic only. Exact locations of ducts, pipes, and equipment shall be governed by the drawings of related trades and/or site specific conditions.	
1.5 DEVIATIONS	
A. No deviations from specifications and drawings shall be made without full knowledge and written consent of Construction Manager.	
B. Should Contractor find, during progress of work, conditions which dictate the modification of any particular requirements, report such item promptly for decision or instructions. Modifications without approval of the Owner will be at Contractor's expense.	
1.6 QUALITY ASSURANCE	
A. Comply with all applicable local, state and federal codes.	
B. Comply with all applicable requirements of recognized industry associations which promulgate Standards for the various trades. (See individual Sections of Division 15).	
C. Employ only qualified journeymen for this work. Employ competent, qualified mechanics to supervise the work.	
1.7 CODES AND STANDARDS	
A. Perform work specified in Division 15 in accordance with all applicable codes and standards listed below, and such standards that may be specified in other sections. When these specifications are more stringent, they take precedence. In case of conflict, obtain a decision from the Construction Manager.	
1. NFPA 54: National Fuel and Gas Code.	
2. NFPA 90A: Air Conditioning and Ventilation Systems.	
3. NFPA 101: Life Safety Code	
4. Applicable State Building Code.	
5. Applicable State Mechanical Code.	
6. Applicable State Plumbing Code.	
7. Handicapped Code ANSI A117.1 and ADA.	
8. Applicable State Energy Code.	
9. AGA: American Gas Association.	
10. ANSI: American National Standards Institute.	
11. ARI: American Refrigeration Institute.	
12. ASHRAE: American Society of Heating, Refrigeration and Air Conditioning Engineers.	
13. ASME: American Society for Mechanical Engineers.	
14. ASTM: American Society for Testing and Materials.	
15. MSS: Manufacturer's Standardization Society of the Valve and Fitting Industry.	
16. NEMA: National Electrical Manufacturers' Association.	
17. NFPA: National Fire Protection Association.	
18. SMACNA: Sheet Metal and Air Conditioning Contractors' National Association.	
19. UL: Underwriters' Laboratories, Inc.	
1.8 COORDINATION	
A. Carefully examine specifications and drawings to be thoroughly familiar with items which require plumbing or HVAC connections and coordination.	
B. Coordinate with other Divisions to leave proper chases and openings. Place outlets, anchors, sleeves, and supports prior to pouring concrete or installation of masonry work.	

1.9 SUBMITTALS	
A. Submittals are only required for specific items of equipment or material listed in individual sections of these specifications.	
B. Within 15 days after award of contract for this work, submit a list of proposed manufacturers (of equipment or material to be used) for approval. Submit this list before submittal of shop drawings and product data, and obtain approval before submitting required items.	
C. Shop Drawings (Not required for Owner furnished equipment).	
1.10 DELIVERY AND STORAGE	
A. Insofar as possible, deliver items in manufacturer's original unopened packaging. Where that is not practical, cover items with protective materials to keep them from being damaged. Use care in loading, transport, unloading, and storage to keep items from being damaged. Failure to protect items shall be subject at Contractor's expense as determined by Construction Manager.	
B. Store items in a clean, dry place, and protect from damage.	
1.11 FIRE RATINGS	
A. Materials used anywhere in the work must have NFPA ratings as follows:	
1. Flame Spread - Not over 25.	
2. Smoke Developed - Not over 50.	
3. Fuel Contributed - Not over 25.	
B. Materials shall be "Self-Extinguishing".	
1.12 PERMITS AND FEES	
A. Obtain, pay for, and deliver permits, certification of inspection, and other such items required by the authorities having jurisdiction. Deliver certifications to the Construction Manager prior to Final Acceptance of the work. An inspection certificate for each class of work requiring inspection must be submitted prior to or with the final payment invoice. The responsible trade contractor must make application for the inspection, coordinate same and pay the required inspection fee.	
1.13 EXTENDED WARRANTIES	
A. Work furnished under the Contract shall be warranted against defects in workmanship and (Contractor furnished) materials for a period of not less than one (1) year, or as otherwise specified from the date of Final acceptance of the installation. Defects of workmanship developing during this period shall be remedied, and defective material replaced, without additional cost. When defects in a Trade Contractor's work causes damage to the work of other Trade Contractors', such damage shall be repaired by the Trade Contractor causing damage and work restored to its original condition, at the expense of the Trade Contractor that caused the damage.	

PART 2 - PRODUCTS	
2.1 MATERIALS AND EQUIPMENT	
A. Within the Contract Documents relating to mechanical work, manufacturers; names, catalog numbers, and other proprietary references to materials and equipment are made. Such references are made to establish the standards of quality and type required, and not to limit competition. Acceptable manufacturers of competitive products are listed in applicable sections as "approved equals". Reasonable requests for substitution or additions to "approved equals" will be considered, but the Construction Manager will be the sole Judge of acceptability of items proposed as substitutes. Failure to obtain Construction Manager's approval shall be at the Contractor's expense.	
B. Materials and equipment used in carrying out these specifications shall bear U.L. or other recognized testing laboratory label when such labels are available.	

PART 3 - EXECUTION	
3.1 LOCATIONS	
A. Mechanical layouts indicated on drawings are diagrammatic. Exact locations of ducts, pipes, and equipment may vary because of conflicts with work of other trades. Work out conflicts where relocations will not affect operation or appearance of systems.	
B. Locate equipment requiring periodic servicing so that it is readily accessible. Do not back up service sides to walls, nor place it too close to other equipment to make service impractical. Equipment service clearances shall meet minimum acceptable distances as recommended by equipment manufacturer.	
3.2 UTILITIES EXCAVATING AND BACKFILLING	
A. Perform trenching, excavating, backfilling for mechanical work in accordance with Section 02300 and as set forth below:	
1. Perform work necessary for installation of mechanical/plumbing utilities.	
2. Depth of excavation to provide a minimum of 3' above top of pipe. Excavation to be carried to a depth of at least 6" below bottom of pipe elevation. Fill below pipe (6"), around pipe, and a minimum of 12" above pipe with sand or Class "B" crushed stone tamped firm and even. Separate topsoil during excavation. Final layer of dirt (12" minimum) to be topsoil. Trenches to be at least 18" wider than pipe with batterboards placed every 25'. Backfilling shall be done to exclude use of rock or stone above sand or crushed stone.	
3.3 CUTTING AND PATCHING	
A. Repair or replace routine damage caused by cutting in performance of contract.	
B. Correct unnecessary damage caused due to installation of mechanical work.	
C. Perform repairs with materials which match existing and install in accordance with the appropriate section of these specifications.	

3.4 CONNECTION OF EQUIPMENT	
A. Connect or install equipment shown on mechanical drawings that requires plumbing and/or mechanical hookups.	
1. Rough-in piping and connect equipment.	
2. Provide piping, shutoff valves, and unions required for a complete installation.	
3.5 SERVICE OF SYSTEMS	
A. If equipment is placed in service prior to acceptance of the project by Construction Manager, operate equipment strictly in accordance with manufacturer's instructions.	
B. Employ competent, qualified personnel in operation of the equipment.	
C. Provide for proper operation and cleanliness.	
D. Open up equipment for inspection as directed by the Construction Manager.	
E. Lubricate equipment and perform such other maintenance as required by placing it in first class operating condition.	

END OF SECTION	
SECTION 15500	
HEATING, VENTILATION AND AIR CONDITIONING	
PART 1 - GENERAL	
1.1 SUMMARY OF WORK	

Furnishing of all labor, materials, tools, transportation, services, and related items necessary to complete the installation of the HVAC system as illustrated on the drawings, together with all necessary auxiliaries and appurtenances.	
A. Items include but are not limited to the following:	
1. Packaged rooftop unit.	
2. Heat exchanger.	
3. Refrigeration components.	
4. Unit operating controls.	
5. Air filters.	
6. Roof curb.	
7. Electrical power connections.	
8. Operation and maintenance service.	
9. Ductwork.	
10. Ductwork specialties.	
11. Access panels and doors.	
12. Ductwork insulation.	
B. Submit Product Data.	
C. Submit Shop Drawings, including mounting and installation details for roof curbs and coordination with roofing system.	
D. References	
1. ASHRAE 90.1, latest edition - Energy Standard for Buildings. Establishes minimum efficiencies for equipment.	
2. NFPA 90 A & B - Installation of Air Conditioning and Ventilation Systems and Installation of Warm Air Heating and Air Conditioning Systems.	
3. ANSI/ASHRAE 15 - Safety Code for Mechanical Refrigeration.	
4. ARI 360 - Commercial and Industrial Unitary Air Conditioning Equipment testing and rating standard. Applies to Gas/Electric Units above 135,000 BTU.	
5. ANSI/ASHRAE 37 - Testing Unitary Air Conditioning and Heat Pump Equipment.	
6. ANSI Z21.47/UL1995 - Unitary Air Conditioning Standard for safety requirements.	
7. ARI 210/248 - Unitary Air Conditioning Equipment and Air- Source Heat Pump Equipment. Applies to all units below 135,000 BTU.	
8. ARI 270 - Sound Rating of Outdoor Unitary Equipment.	
9. ARI 370 - Sound Rating of Large Outdoor Refrigerating and Air Conditioning Equipment.	
10. ANSI/NFPA 70-1995 - National Electric Code.	
E. EER: Equal to or greater than prescribed by ASHRAE 90.1, "Energy Efficient Design of New Building, except Low-Rise Residential Buildings."	

1.3 NATIONAL ACCOUNT	
A. YUM! Brands, Inc. has entered into a national account agreement with Trane for furnishing the HVAC roof top units specified in this section. Complete installation shall be by the Contractor. For pricing quotations, placing orders, and further information, contact Trane at number indicated on the drawings.	
1.4 QUALITY ASSURANCE	
A. Manufacturer's Qualifications: Install packaged units, as indicated in the Drawings, in accordance with the Manufacturer's instructions and requirements. Provide related products and accessories from one manufacturer. Store materials in accordance with manufacturer recommendation protecting from dirt, moisture, contaminants and weather.	
B. Codes and Standards: Perform all installations in accordance with the latest standards as recognized by ASHRAE, SMACNA and all applicable state and local codes and ordinances.	
C. Workmanship: Experienced, well-trained workers competent to complete the work as specified shall perform Labor in conformance with generally accepted trade standards. Install all equipment square and plumb allowing access for proper operation, adjustment and service.	
1.5 STRUCTURAL AND SPACE CONDITIONS	
A. All work shall avoid obstructions and interference with other trades, preserve headroom and keep openings and passageways clear and free.	

1.6 VIBRATION AND NOISE	
A. Install each of the various pieces of equipment to operate without objectionable vibration or noise.	
1.7 BALANCING AND TESTING	
A. Test and Balance shall be performed by a nationally qualified Test and Balance Company contracted directly by the Owner.	
B. Contractor shall coordinate testing with the Testing and Balance Company. All systems shall be fully operational prior to commencement of testing. Correct all deficiencies noted in the Test and Balance Report within three days or prior to store opening.	
C. Assume responsibility for correcting all items determined to be the result of improper or incomplete installation.	
D. Contractor shall be responsible for providing test reports to the local jurisdiction as required for Certificate of Occupancy.	
1.8 CLEAN-UP	
A. At the completion of the work, clean the area of all debris such that the Project is left in a neat and clean manner as deemed acceptable by the Owner.	
1.9 WARRANTY	
A. In addition to honoring all Contractor supplied equipment manufacturers' warranties, the Contractor shall warrant and correct all defects in Contractor supplied material and all workmanship for a period of one (1) year after acceptance of Project by the Owner. Warranty costs shall include all labor and material associated with the correction of work covered under this Contract.	

PART 2 - PRODUCTS	
2.1 ROOF TOP AIR CONDITIONING UNITS, FANS AND AIR OUTLETS	
A. Equipment shall be as indicated on the Drawings. Air conditioning unit shall include hard-start kit for low ambient temperature operation.	
B. The manufacturer shall include the following items:	
1. 5-year compressor warranty - parts only.	
2. 10-year heat exchanger warranty - parts only.	
3. Factory installed two-position motorized damper.	
4. Factory installed hard start kit for low ambient to zero degree operation.	
5. Factory installed hinged access panels.	
6. Through the base gas and electrical connections to minimize roof penetrations. 7. Factory installed circuit breaker.	
7. Factory installed unpowered convenience outlet.	
8. Factory supplied / field installed return air smoke detector.	
C. The contractor shall furnish manufacturer complete submittal wiring diagrams of the packaged unit as applicable for field maintenance and service.	

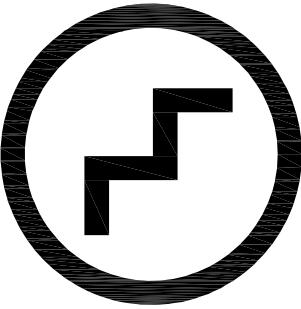
2.2 DUCTWORK	
A. Rectangular Ducts Fabrication, General: Except as otherwise indicated, fabricate rectangular ducts with galvanized sheet steel, in accordance with SMACNA - HVAC Duct Construction Standards, Tables 1-3 through 1-19, including their associated details. Conform to the requirements in the referenced standard for metal thickness, reinforcing types and intervals, tie rod applications, and joint types and intervals.	
B. Type I Kitchen Hood Exhaust Ducts Fabrication, General: Fabricated using 16-gage, carbon steel sheets for concealed ducts and 16-gage stainless steel for exposed ducts. Weld and flange seams and joints. Conform to NFPA Standard 96.	
C. Type II Kitchen Hood Exhaust Ducts Fabrication, General: Fabricated using 20-gage Type 304 Stainless Steel. Seams shall be continuously welded liquid tight.	
D. Flexible Ductwork Fabrication, General:	
1. Factory preinsulated, spiral helix steel spring permanently bonded to an interior liner, and sheathed in an exterior reinforced laminated vapor barrier jacket.	
2. Precut lengths of flexible duct with continuous inner liner, factory installed female collars and fastening devices at each end.	
3. Provide spin-in extractor/ balancing damper assembly complete with a level position indicator and positive locking device, as indicated on the Drawings, round duct takeoffs from rectangular main ducts.	
E. Label entire assembly in accordance with UL 181 Class 1air duct requirements and not have a flame and smoke spread rating in excess of 25/50 respectively.	

2.3 DUCT ACCESS PANELS AND DOORS	
A. In sheet metal work, hollow core double construction of same or heavier gage material as duct in which installed, products by CESCO, Vent Products, Air Balance, or equivalent.	
1. Provide Ventlok or approved hinges and latches on all doors; 100 Series hinges and latches on low pressure system doors up to 18-inches maximum dimension, 200 Series on larger low pressure system doors and 333 Series on high pressure systems.	
2. Construct doors up to 18-inches maximum dimension with one inch overlap fit and gasket with 3/4-inch by 1/8-inch sponge rubber, fit larger doors against 1-1/2 inches by 1/8-inch flat stock or angle frame and gasket with 3/4-inch by 1/8-inch sponge rubber or felt.	
3. Door swing to be opposite airflow direction.	
2.4 DUCTWORK SPECIALTIES	
A. Volume and Splitter Dampers	
1. Galvanized sheetmetal blade and frame with Ventfabrics Inc., Ventlok operating hardware.	
2. For accessible dampers, provide #641 self-locking dial regulators and #644 self-locking dial regulators for insulated ductwork, #637 square end bearing, and #635 spring end bearing, as applicable.	
3. For inaccessible dampers, provide #666 or #677 concealed locking	

damper regulator with bearings as above. For static pressures above 3-inch W.G., provide #640 Hivel dial regulator and #609 Hivel end bearing for accessible dampers.	
B. Multi-Louver Volume Dampers	
1. 16-gauge galvanized steel frame. Opposed, 6-inch wide, 16-gauge galvanized steel blades. Concealed linkage in frame	
2. Titus #AG-35-B, Ruskin #CD35/OBD or equal.	
C. Flexible Connections	
1. Provide flexible connectors at the discharge and inlet of fans, air handlers, rotating mechanical equipment, and where shown on the Drawings for proper vibration isolation.	
2. Neoprene impregnated glass cloth with 24-gauge galvanized metal frame. Minimum dimensions: 3-inch metal, 3-inch fabric, 3-inch metal.	
3. Duro Dyne #MFN4, Ventfabrics "Ventglas", Q Industries, Consolidated Kinetics, Elgen, or equal.	
D. Backdraft Dampers	
1. Provide counterweight type complete with frame, end bearings, counterbalance assembly, blades, and linkage.	
2. Install at outside air intakes, exhaust outlets, and where shown on Drawings.	
3. Pacific Air Products #PRD-100AL, Ruskin #CBS-7 or equal by Swartwout, American Warning, or Vent Products.	
2.5 DUCT INSULATION	
A. Acceptable Manufacturers: Provide products of the following manufacturers, complying with specified requirements. Equivalent products of other manufacturers will be considered in accordance with the "or equal" provision specified in Section 01000 - Supplemental General Requirements, and the Construction Contract.	
1. Owens-Corning Fiberglas Corp.	
2. Johns Manville Corp.	
3. Certainteed Corp.	
B. All insulation material shall comply with applicable energy conservation regulations for Project location.	
C. Provide composite mechanical insulation (insulation, jackets, coverings, sealers, mastics and adhesives) with flame-spread index of 25 or less, and smoke-developed index of 50 or less, as tested by ASTM E84 (NFPA 255) method.	
D. Provide staples, bands, wires, tape, anchors, corner angles and similar accessories as recommended by insulation manufacturer for applications indicated.	
E. Provide cements, adhesives, coatings, sealers, protective finishes and similar compounds as recommended by insulation manufacturer for applications indicated.	
2.6 HVAC CONTROLS	
A. Shall be as indicated on the Drawings.	
B. Electric and electronic HVAC Controls: Components and operating features as indicated on the Drawings.	
2.7 ROOF CURB	
A. Manufacturer's standard corrosive-resistant-coated, insulated curb with nailer strip, flashing and counterflashing and cadmium-plated hardware.	

PART 3 - EXECUTION	
3.1 HVAC SYSTEM INSTALLATION, GENERAL	
A. Sequence, coordinate, and integrate the various elements of mechanical systems, materials, and equipment. Comply with the following requirements	
1. Coordinate mechanical systems, equipment, and materials installation with other building components.	
2. Verify all dimensions by field measurements.	
3. Arrange for chases, slots, and openings in other building components during progress of, to allow for mechanical installations.	
4. Coordinate the installation of required supporting devices and sleeves to be set in poured-in-place concrete and other structural components, as they are constructed.	
5. Sequence, coordinate, and integrate installations of mechanical materials and equipment for efficient flow of the Work. Give particular attention to large equipment requiring positioning prior to closing in the building.	
6. Where mounting heights are not detailed or dimensioned, install systems, materials, and equipment to provide the maximum headroom possible.	
7. Coordinate connection of mechanical systems with exterior underground and overhead utilities and services. Comply with requirements of governing regulations, franchised service companies, and controlling agencies. Provide required connection for each service.	
8. Install systems, materials, and equipment to conform with drawings and specs, to greatest extent possible. Conform to arrangements indicated by the Contract Documents, recognizing that portions of the Work are shown only in diagrammatic form. Where coordination requirements conflict with individual system requirements, refer conflict to the Construction Manager for resolution prior to installation.	
9. Install systems, materials, and equipment level and plumb, parallel and perpendicular to other building systems and components, where installed exposed in finished spaces.	
10. Install mechanical equipment to facilitate servicing, maintenance, and repair or replacement of equipment components. As much as practical, connect equipment for ease of disconnecting, with minimum of interference with other installations. Extend grease fittings to an accessible location.	
11. Install systems, materials, and equipment giving right-of-way priority to systems required to be installed at a specified slope.	

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3.2 AIR CONDITIONING UNIT INSTALLATION

- A. Install in accordance with manufacturer's instructions and comply with the following requirements:
1. Provide layout drawings of units, locations and power requirements to electrical installer.
 2. Install minimum 30 percent efficiency air filters in unit during installation phase. Do not operate the unit without filters in place.
 3. Mount rooftop unit on factory built roof-mounting frame. Install roof mounting frame level. Secure frame to structural framing and rooftop unit on frame as indicated on the Drawings.
 4. Install 3-inch long flexible duct connection at inlets and outlets of units.
 5. Install condensate drain piping and traps in accordance with manufacturer's instructions and as shown on the Drawings. All metal piping and supports shall be of same material to prevent electrolysis
 6. Control installers shall install thermostat and all wiring associated with control signals into the units. All thermostats shall be located at manager's desk with remote sensors located as indicated on plan.
 7. Install all line voltage power wiring and conduit as indicated on the Drawings and as specified in Division 16 - Electrical.
 8. Coordinate with Electrical Contractor to install a new set of filters three days prior to Substantial Completion review.

3.4 EXHAUST/SUPPLY FAN INSTALLATION, GENERAL

- A. Install fans level and plumb, in accordance with manufacturer's written instructions. Secure roof-mounted fans to roof curbs with cadmium-plated hardware.
- B. Provide access space around fans for service and maintenance, as indicated on the Drawings and in compliance with applicable Mechanical Code.
- C. Clean unit cabinet interiors to remove foreign material and construction dirt and dust.
- D. Coordinate with Electrical Contractor to provide electrical power wiring as specified in Division 16 - Electrical.

3.4 DUCTWORK INSTALLATION

- A. Ductwork Installation, General:
1. Ductwork is generally diagrammatically indicated on the Drawings and shall be generally installed as indicated. Do not scale Drawings for exact location of ducts.
 2. Install ducts to best suit field conditions and to coordinate with other building components. Do not cut Structural members without consent of Construction Manager. Check with Structural Drawings prior to locating penetrations
 3. Duct sizes are indicated as net inside dimensions on the Drawings. The indicated dimensions shall be altered at the job site for the purpose of avoiding interference and clearance difficulties to other dimensions producing the same air handling characteristics, provided such altered dimensions are approved by the Construction Manager.
- B. Hangers and Supports
1. Securely fasten all ducts to building construction by means of hangers, supports, guides, anchors, and sway braces to maintain duct alignment, to prevent sagging, and to prevent noise and excessive strain on ducts due to movement under operating conditions.
 2. Adequately mount and anchor all material and equipment as required. Include lateral bracing as required to prevent horizontal, seismic movement. Refer to applicable Mechanical Code requirements and details on Drawings for seismic requirements.
 3. Do not support ducts from fans or other equipment.
 4. Power-driven fasteners shall not be used to support ducts
 5. Support round duct, 30-inch and larger, with two hangers at each support point.
 6. Hangers and supports shall conform to SMACNA section, "Hangers and Supports". Support horizontal ducts with in 2 feet of each elbow and within 4 feet of each branch intersection using double strap hangers on each side of fitting.
 7. Support vertical ducts, passing through roofs with two continuous angles screwed to the duct and bearing to the roof structure, and conforming to SMACNA section "Riser Support-From Floor."
- C. Seismic Supports and Bracing
1. Where required, all ductwork and equipment shall be seismically supported and braced per the SMACNA "Guidelines for Seismic Restraints of Mechanical Systems and Plumbing Piping Systems", including Appendix E.
- D. Joints Sealing, General
1. Duct tape shall not be used on duct joints.
 2. Transverse joints: All transverse joints including Ductmate type joints on all supply, return, exhaust and outside air intake ducts, sealed using Hardcast Arabol.
 3. Interior exposed joints: Seal using water based sealer, Hardcast Iron Grip.
 4. Interior concealed joints (above 1-inch W.G. pressure ductwork): Seal using gypsum impregnated tape and adhesive.
 5. Interior concealed joints (to 1-inch W.G. pressure ductwork): Seal using water based sealer, Hardcast Iron Grip.
 6. Exterior joints (above 1-inch W.G. pressure ductwork): Seal using gypsum impregnated tape and adhesive.
 7. Exterior joints (to 1-inch W.G. pressure ductwork): Seal using oil based sealer, Hardcast Galva Grip or equal.
 8. Exterior joints: Seal water and to air-tight condition with sealant.
- E. Ductwork Painting, General - Where the interior surfaces of ductwork are visible through the blades of supply outlets, return inlets, and exhaust inlets, paint interior visible surfaces with one coat of flat black paint. See Section 09905 - Painting.
- F. Cleaning - Clean the inside of plenums, casings, enclosures, fans, and accessible ductwork before starting fans.

3.5 DUCTWORK ACCESSORIES, INSTALLATION

- A. Provide duct-mounted balancing dampers or attached opposed blade dampers so that each diffuser, grille and register may be individually balanced.
- B. Provide unit opposed blade damper where individual duct mounted balancing dampers are not provided.
- C. Provide turning vanes in all mitered elbows in all ducts, so that tips are parallel with the sides of the ducts. Vanes shall be single thickness type with extended trailing edge. Tips of acoustical turning vanes on outside radius shall be flush with acoustical lining.
- D. Provide flexible connections to completely isolate fans from direct contact with all sheet metal work.
- E. Provide access panels or doors, as required, for access to valves, controllers, fire dampers.

3.6 DUCT INSULATION, INSTALLATION

- A. Wrapped Ductwork Insulation
1. Application Requirements: Insulate the following ductwork as follows:
 - a. HVAC supply ductwork between fan discharge, or HVAC unit discharge, and room terminal outlet.
 - b. HVAC return ductwork between room terminal inlet and return fan inlet, or HVAC unit inlet.
 2. Insulate each ductwork system specified above with 1-1/2 inches thick insulation and vapor barrier jacket, application limited to concealed locations.
- B. Lined Ductwork Insulation - Line all supply and return air ductwork, as well as mixed entering air and outdoor air intake ductwork, in exposed areas, outdoors, shafts and plenums, and where indicated on Drawings, with 1-inch thick semi-rigid fiberglass liner board.
- C. Install insulation products in accordance with manufacturer's written instructions, and in accordance with recognized industry practices to ensure that insulation serves its intended purpose and as follows:
1. Install insulation on pipe and ductwork systems subsequent to painting, testing, and acceptance of tests.
 2. Install insulation materials with smooth and even surfaces. Insulate each continuous run of piping with full-length units of insulation, with a single cut piece to complete run. Do not use cut pieces or scraps abutting each other
 3. Clean and dry pipe or duct surfaces prior to insulating. Butt insulation joints firmly together to ensure a complete and tight fit over surfaces to be covered.
 4. Maintain integrity of vapor-barrier jackets on pipe and ductwork insulation, and protect to prevent puncture or other damage.
 5. Extend pipe and ductwork insulation without interruption through walls, floors and similar piping penetrations, except where otherwise indicated.
 6. Protect outdoor insulation from weather by installing outdoor protective finish or jacketing as recommended by manufacturer.
 7. Replace damaged insulation that cannot be repaired satisfactorily, including units with vapor barrier damage and moisture saturated units.
 8. Insulation installer shall advise Contractor of required protection for insulation work during remainder of construction period, to avoid damage and deterioration.

3.7 CONTROL SYSTEMS, INSTALLATION

- A. Installation
1. Install systems and materials in accordance with manufacturer's instructions and recommendations, rough-in drawings, and details indicated on the Drawings.
 2. Coordinate with Electrical Contractor to install electrical components and use electrical products complying with requirements of applicable requirements specified in Division 16 - Electrical.
 3. Mount controllers at convenient locations and heights.
- B. Control Wiring - The term "control wiring" shall be defined to include providing of wire, conduit and miscellaneous materials as required for mounting and connecting electric control devices.
- C. Wiring System
1. Install complete control wiring system for electric control systems.
 2. Conceal wiring except in mechanical rooms and areas where other conduit and piping are exposed.
 3. Provide multi-conductor instrument harness (bundle) in place of single conductors where number of conductors can be run along common path.
 4. Fasten flexible conductors bridging cabinets and doors, neatly along hinge side, and protect against abrasion. Tie and support conductors neatly.
- D. Start-Up - Start, test and adjust electric control systems in presence of manufacturer's authorized representative. Replace damaged or malfunctioning controls and equipment.
- E. Cleaning - Clean factory-finished surfaces. Repair marred or scratched surfaces with manufacturer's touch-up paint.
- F. Final Adjustment - After completion of installation, adjust thermostats, control valves, motors and similar equipment specified in this Section. Final adjustment shall be performed by specially trained personnel in direct employ of manufacturer of primary temperature control system.

G. Control Sequences

1. Rooftop Packaged Units

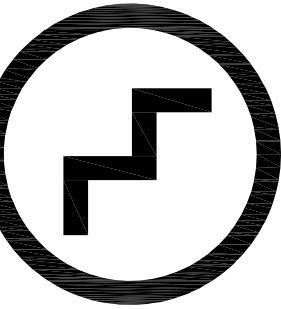
- a. Occupied: Energize rooftop units during occupied cycle via manufacturer supplied thermostat. Modulate outside air and return air dampers in sequence and in conjunction with unit's mechanical refrigeration to maintain desired room temperature via manufacturer supplied thermostat.
- b. Unoccupied: Maintain outside air damper closed. Cycle unit fan and unit's heating to maintain reduced room temperature of 60 degrees F with unoccupied thermostat.

2. Thermostats: 7-day programmable thermostat with auto-changeover and automatic start capability. Provide and install correct battery for battery backup. Thermostats shall be programmed for continuous HVAC unit supply fan operation during occupied periods. Program thermostat for correct time, date, and setpoints as follows:

Occupied Heat	70°F
Unoccupied Heat	55°F
Occupied Cool	76°F
Unoccupied Cool	85°F
Occupied Start	6:00 a.m. (set for continuous fan)
Unoccupied Start	1:00 a.m.

END OF SECTION

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1. SOIL AND WASTE PIPE SHALL SLOPE 2% MINIMUM, UNLESS OTHERWISE NOTED OR REQUIRED BY CODE.
2. ALL DRAWN WATER & GAS LINES SHALL BE KEPT TIGHT TO THE UNDERSIDE OF EQUIPMENT & SECURED IN PLACE.
3. CONTRACTOR SHALL VERIFY THE LOCATION OF THE SANITARY SEWER ON THE SITE PLAN AND SHALL REVISE THE SEWER SYSTEM AS REQUIRED.
4. PROVIDE TRAP PRIMERS FOR FLOOR DRAINS IN RESTROOMS, WHERE REQUIRED BY CODE. PROVIDE DEEP SEAL TRAPS FOR FLOOR DRAINS WITHOUT TRAP PRIMERS.
5. ALL CLEANOUTS SHALL BE INSTALLED SO THAT THEY ARE READILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH EQUIPMENT, CABINETS, ETC. AND THE OWNERS REPRESENTATIVE PRIOR TO ANY INSTALLATION.
6. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS AND OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
7. ALL PLUMBING FIXTURE VENTS SHALL TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10 FEET FROM ANY OUTSIDE AIR INTAKE.
8. CONTRACTOR SHALL PROVIDE GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
9. INSTALL SHUT-OFF VALVES ON ALL HOT & COLD WATER LINES TO FIXTURE OR APPLIANCE. ALL EXPOSED WATER AND WASTE LINES TO BE CHROME PLATED.
10. PROVIDE A LEVER HANDLE GAS SHUT-OFF VALVE IN THE BRANCH PIPING OF EACH APPLIANCE OR PIECE OF EQUIPMENT, FOR EACH APPLIANCE INSTALL QUICK DISCONNECT, FLEXIBLE PIPE WHEN ALLOWED BY CODE AND RESTRAINING DEVICE FURNISHED BY OWNER. PROVIDE PRESSURE REDUCING VALVES AT EACH PIECE OF EQUIPMENT OR APPLIANCE. IF GAS PRESSURE GREATER THAN 10"/wc IS USED DOWNSTREAM FROM THE GAS METER.
11. ALL VALVES, UNIONS, ETC. SHALL BE SAME SIZE AS PIPE UNLESS OTHERWISE INDICATED ON DRAWINGS.
12. REFER TO KITCHEN EQUIPMENT DRAWINGS FOR PLUMBING ROUGH-IN SCHEDULE & FOR ADDITIONAL WORK TO BE FURNISHED & INSTALLED BY CONTRACTOR. ALL ROUGH-IN PLUMBING AND FINAL CONNECTIONS TO KITCHEN EQUIPMENT SHALL BE MADE BY THE CONTRACTOR.
13. REFER TO MECHANICAL SHEETS FOR HVAC AND HOOD PLUMBING REQUIREMENTS.
14. ALL GAS LINES SHALL BE SUPPORTED.
15. ALL FLOOR DRAINS IN TRAFFIC AREAS SHALL BE INSTALLED FLUSH TO FLOOR SURFACE.
16. PROVIDE WATER HAMMER ARRESTORS FOR ALL WATER LINES.
17. PROVIDE AIR GAPS FOR INDIRECT DRAINS AS REQUIRED BY CODE. AIR GAP SHALL BE MINIMUM 2 TIMES THE DIAMETER OF THE INDIRECT DRAIN.
18. PRIOR TO COMMENCING WORK ON THIS PROJECT, CONTRACTOR SHALL VERIFY DEPTH, SIZE, LOCATION AND CONDITION OF ALL EXISTING UTILITIES IN FIELD. SHOULD CONDITIONS EXIST OTHER THAN THOSE INDICATED WHICH WOULD CAUSE THE DESIGN TO BE ALTERED, CONTRACTOR SHALL NOTIFY OWNER IMMEDIATELY.
19. CONTRACTOR SHALL COORDINATE INSTALLATION OF PLUMBING WORK WITH ALL OTHER TRADES SO AS TO AVOID UNNECESSARY DELAY OR INTERFERENCES. CONTRACTOR SHALL REVIEW ARCHITECTURAL AND EQUIPMENT SHEETS.
20. CONTRACTOR SHALL FURNISH & INSTALL ALL BACKFLOW PROTECTION DEVICES REQUIRED BY AGENCIES HAVING JURISDICTION. BACKFLOW DEVICES REQUIRING TESTING SHALL BE INSTALLED NO HIGHER THAN 5'-0" A.F.F.
21. CONTRACTOR SHALL PROVIDE CONDENSATE DRAIN FROM A/C UNITS TO APPROVED DRAIN, GAS PIPING TO UNITS AND ALL FINAL CONNECTIONS REQUIRED FOR OPERATION.
22. THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
23. ALL WATER LINES SHALL BE RUN OVERHEAD U.O.N.
24. IT IS THE G.C.'S RESPONSIBILITY TO CONFIRM THE AVAILABLE "RESIDUAL" WATER PRESSURE, PRIOR TO THE START OF ANY WORK, AND NOTIFY THE OWNER IF THE AVAILABLE PRESSURE IS NOT ADEQUATE TO SERVICE THE ANSUL SYSTEM OR OTHER PRESSURE SENSITIVE EQUIPMENT.
25. PEX PIPING SHALL BE USED WHEREVER ALLOWED BY THE AUTHORITY HAVING JURISDICTION.

GENERAL NOTES	C
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1. TOILET FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND & SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS.
2. A CLEAR FLOOR SPACE 30" WIDE BY 48" LONG SHALL BE PROVIDED IN FRONT OF THE LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE & TOE SPACE UNDERNEATH THE LAVATORY.
3. HOT WATER & DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES.
4. FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND & SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE THE CONTROLS SHALL BE NO GREATER THAN 5 LBS/FT LEVER PUSH-TYPE & ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGN. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCETS REMAIN OPEN FOR AT LEAST 10 SECONDS.
5. FLUSH HANDLES SHALL BE ON THE WIDE SIDE OF STALLS IN DISABLED ACCESSIBLE STALLS.
6. MIRRORS SHALL BE MOUNTED WITH BOTTOM EDGE NOT MORE THAN 40" FROM THE FLOOR.
7. LOCATE HAND DRYER OPERABLE PARTS NOT MORE THAN 40" FROM THE FLOOR.
8. LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT.

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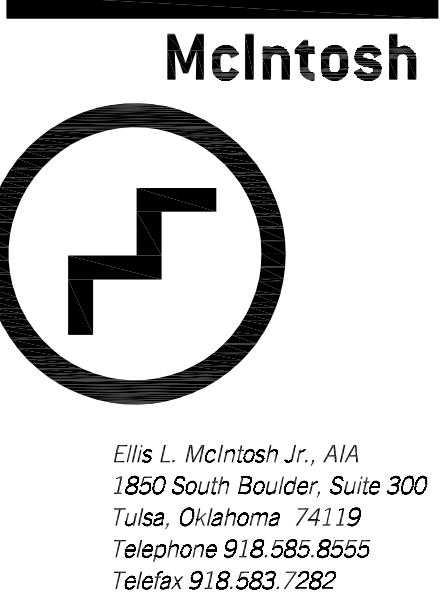
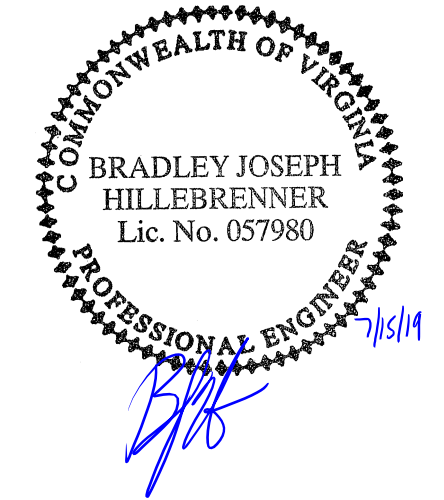
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ABBREVIATIONS	
Y.B.	YARD BOX
R.D.	ROOF DRAIN
A.P.	ACCESS PANEL
V.T.R.	VENT THRU ROOF
V.B.F.	VENT BELOW FLOOR
U.T.R.	UP THRU ROOF
C.I.	CAST IRON
(N)	NEW
(E)	EXISTING
OFD	OVERFLOW DRAIN
G.L.	GAS LINE
A.F.F.	ABOVE FINISHED FLOOR
E.C.O.	EXTERIOR CLEAN OUT
Y.H.	YARD HYDRANT

		B
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[illegible]

	PLUMBING SCHEDULE
	A

[illegible][illegible]

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

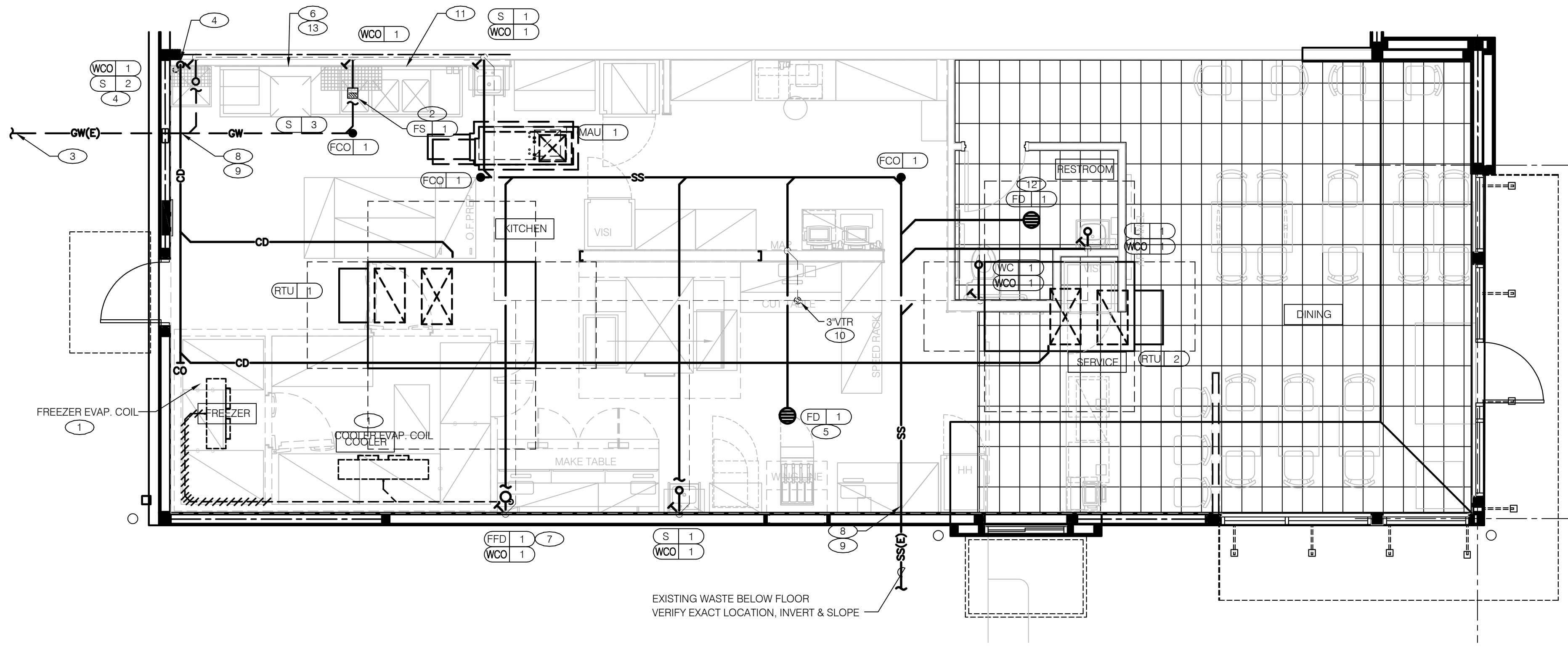


DELCO LITE
001.03.00

PLUMBING SCHEDULE & NOTES

P1.0

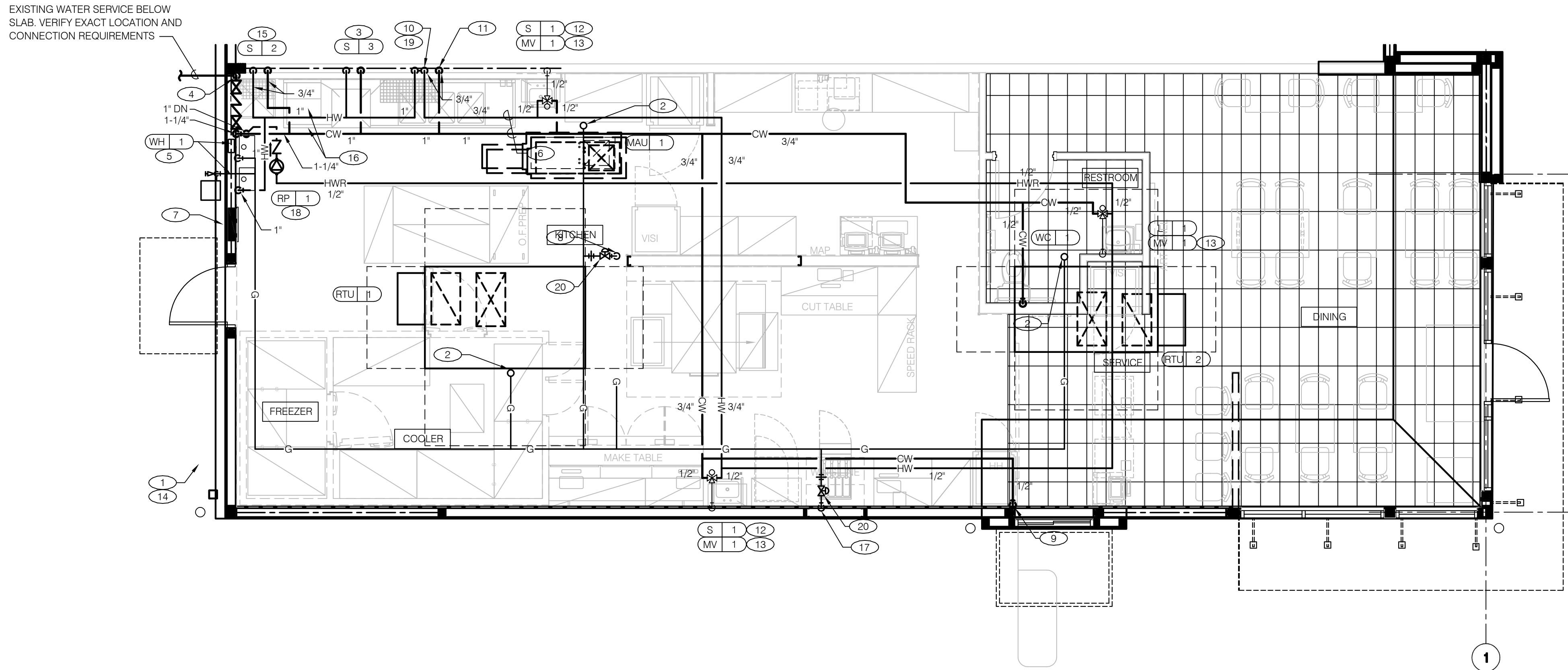
PLOT DATE: 05.09.19



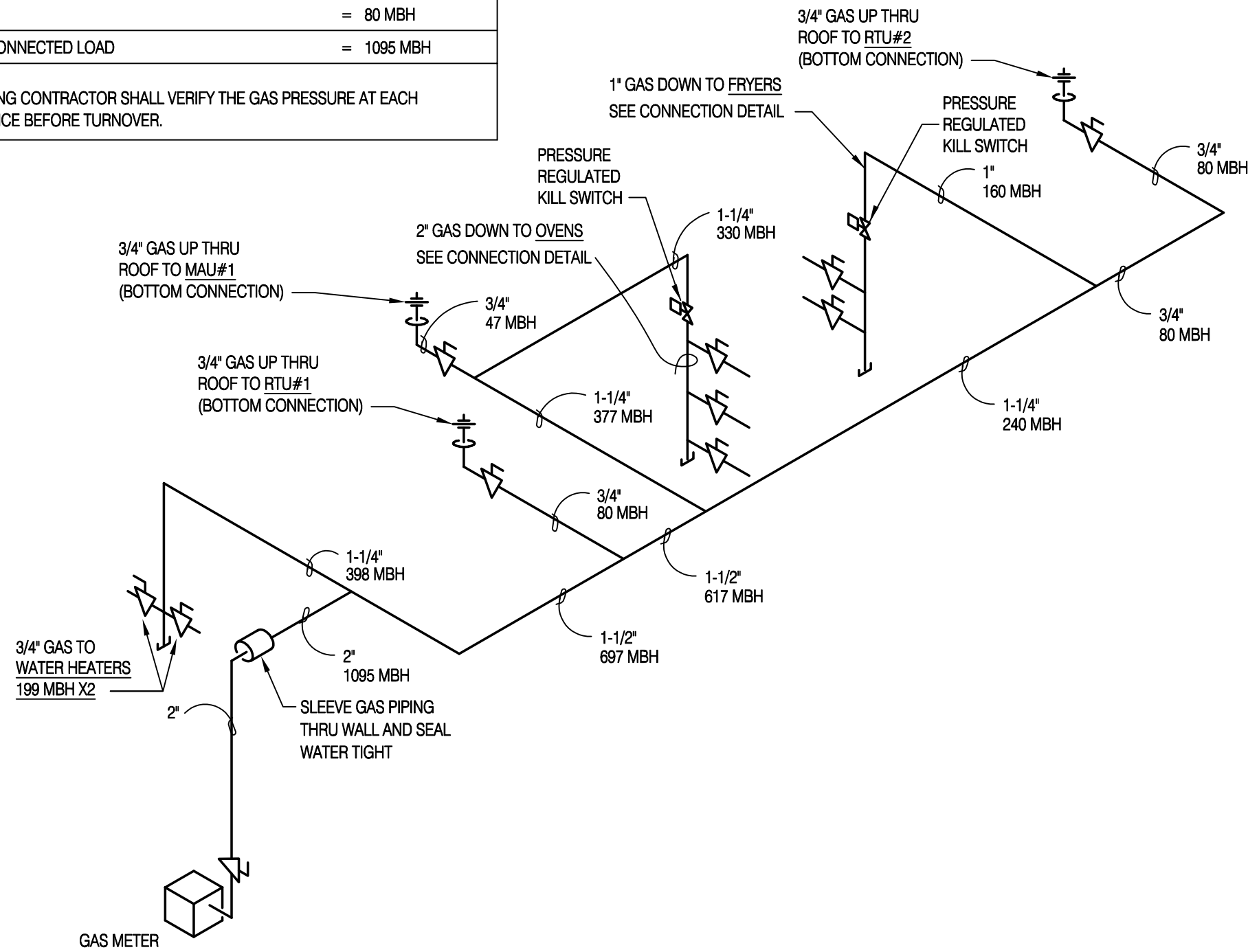
PLUMBING WASTE AND VENT PLAN 1/4"=1'-0" A

- ROUTE EVAPORATOR COIL CONDENSATE DRAIN WITH PROPER SLOPE TO HUB DRAIN AND PROVIDE PROPER AIR GAP. CONDENSATE DRAIN LINES SHALL BE ROUTED AS CLOSE TO FREEZER/COOLER CEILING AS POSSIBLE. DRAIN LINE SHALL BE A MINIMUM OF 74" A.F.F. TO AVOID CONFLICT WITH SHELVING. PROVIDE ELECTRICAL HEAT TAPE ON DRAIN LINE IN FREEZER. INSULATE DRAIN LINES WITH 3/4" FOAM RUBBER PER SPECIFICATIONS. SEE DETAIL 5/P3.0.
- PROVIDE INDIRECT WASTE CONNECTION FROM 3-COMPARTMENT SINK TO FLOOR SINK WITH PROPER AIR GAP. DRAWN IN WALKWAY FOR CLARITY.
- 4" GREASE WASTE TO EXISTING GREASE INTERCEPTOR.
- 1" CONDENSATE DRAIN DOWN IN WALL AND TERMINATE ABOVE MOP SINK WITH PROPER AIR GAP.
- FLOOR DRAIN SHALL BE INSTALLED FLUSH WITH FINISHED FLOOR. DO NOT SLOPE FLOOR TO DRAIN.
- PROVIDE INDIRECT DRAIN FROM DISHWASHER TO FLOOR SINK WITH PROPER AIR GAP.
- PROVIDE FLOOR SINK IN LIEU OF HUB DRAIN WHERE REQUIRED BY LOCAL CODES.
- CONNECT NEW WASTE TO EXISTING WASTE BELOW FLOOR AS REQUIRED. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS FOR ROUTING AND CONNECTION OF WASTE LINES. ALL FIXTURE DRAINS AND TRAPS TO BE VENTED AS PER LOCAL CODE.
- PROVIDE NEW 3" VENT THROUGH ROOF. REFER TO DETAIL 1/P3.0.
- ENTIRE RUN OF DRAIN LINES TO INLET OF 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.
- PROVIDE TRAP PRIMER TO HUB/FLOOR DRAIN/SINK. REFER TO DETAIL 1/P3.0.
- VERIFY DRAIN CONNECTION FROM VENTLESS HOOD TO DISHWASHER FOR PROPER DRAINAGE FROM HOOD PER MANUFACTURER'S REQUIREMENTS.

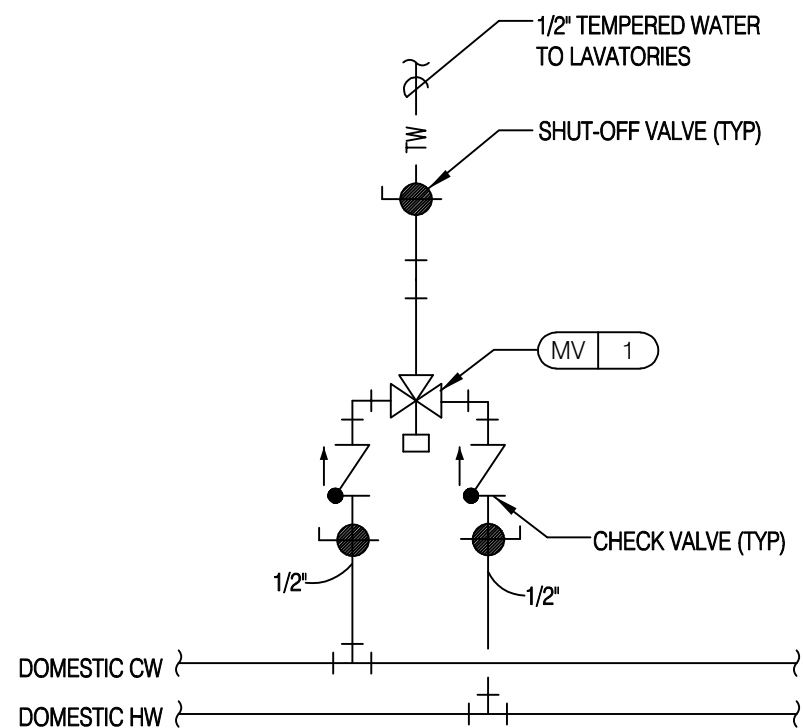
KEY NOTES B



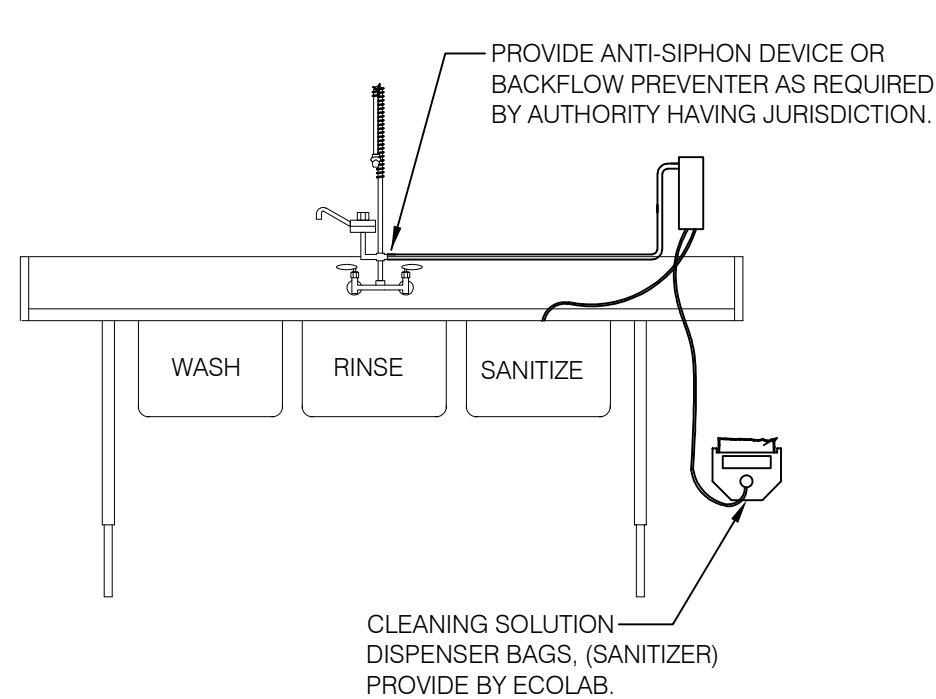
RTU-2	= 80 MBH
TOTAL CONNECTED LOAD	= 1095 MBH
NOTE:	
PLUMBING CONTRACTOR SHALL VERIFY THE GAS PRESSURE AT EACH APPLIANCE BEFORE TURNOVER.	



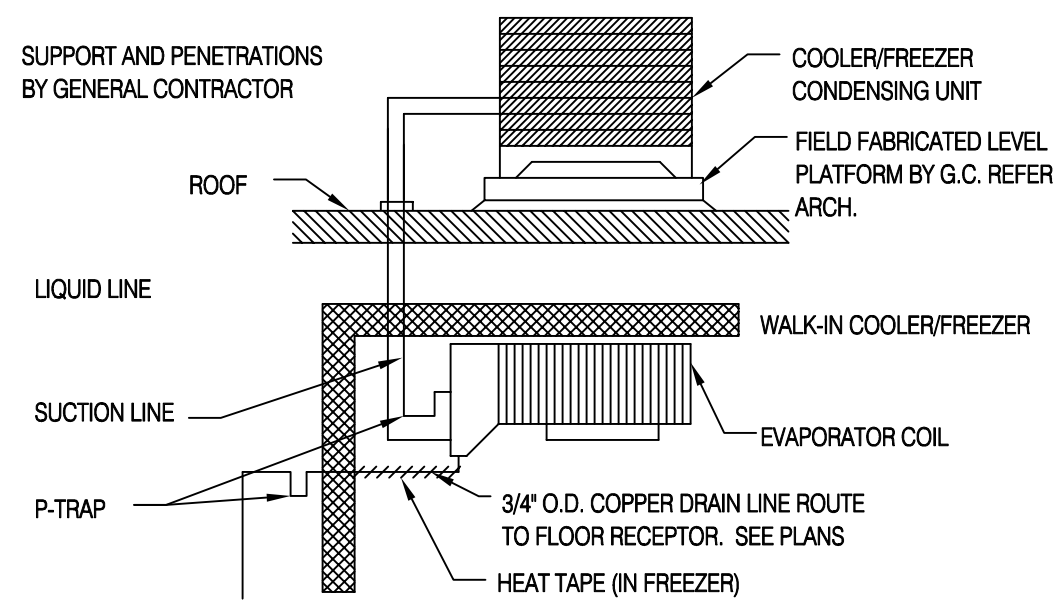
GAS ISOMETRIC	N.T.S.	11
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TEMPERING VALVE DETAIL N.T.S. **9**



3-COMP SINK EXACTA SYSTEM DETAIL	N.T.S.	10
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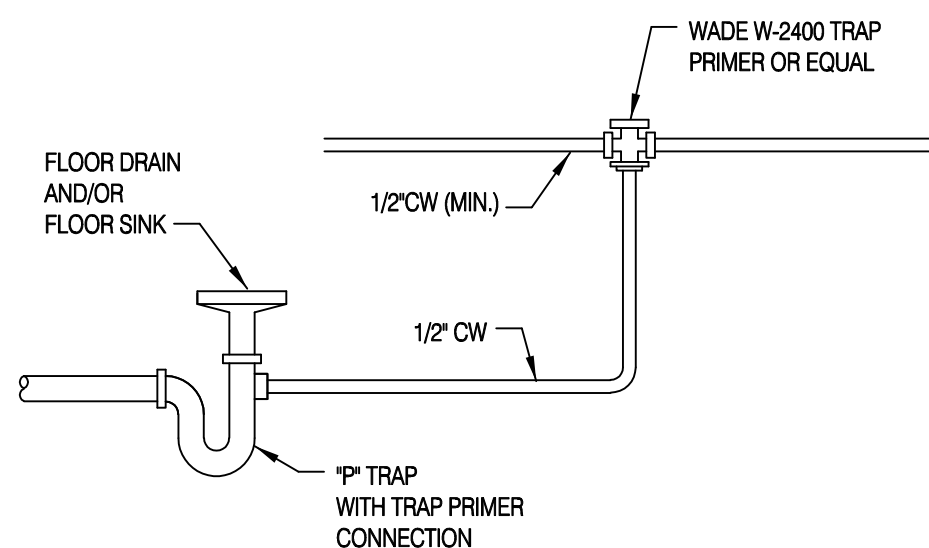
NOTES

DETAILED LINE SIZES FOR A MAXIMUM OF 10' RISE FROM
EVAPORATOR COIL TO CONDENSING UNIT.

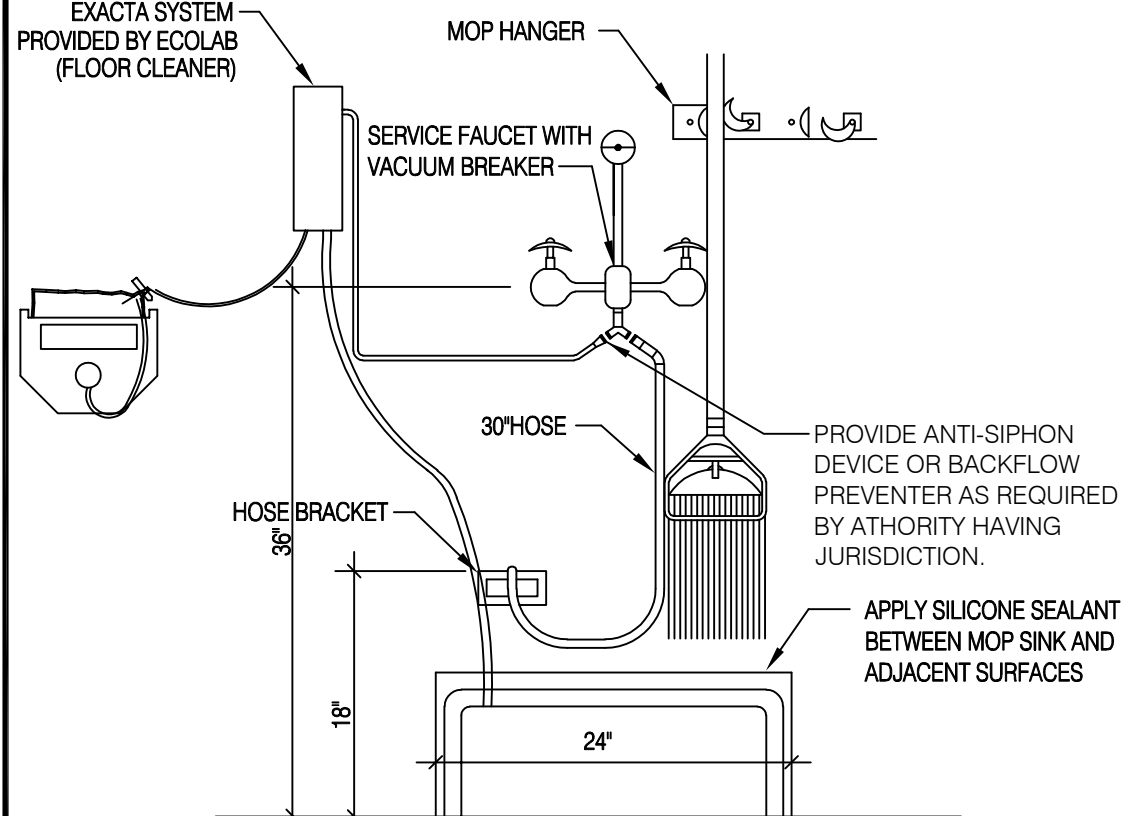
SUCTION LINE & CONDESATE DRAIN LINE TO INCLUDE 3/4"
ARMAFLEX INSULATION BY THE MECHANICAL CONTRACTOR.

VERIFY ALL LINE SIZES WITH THE COOLER/FREEZER MANUFACTURER

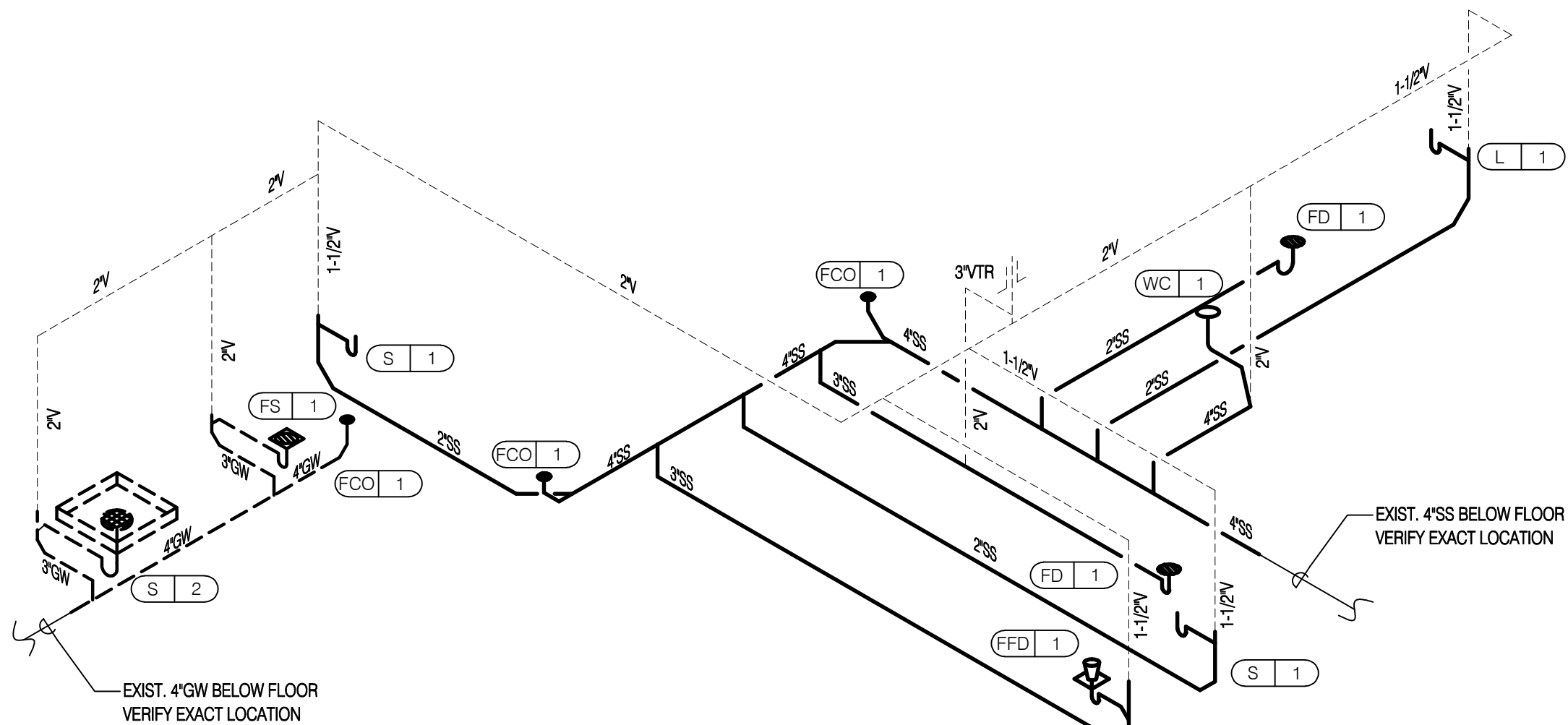
COOLER/FREEZER PIPING	N.T.S.	5
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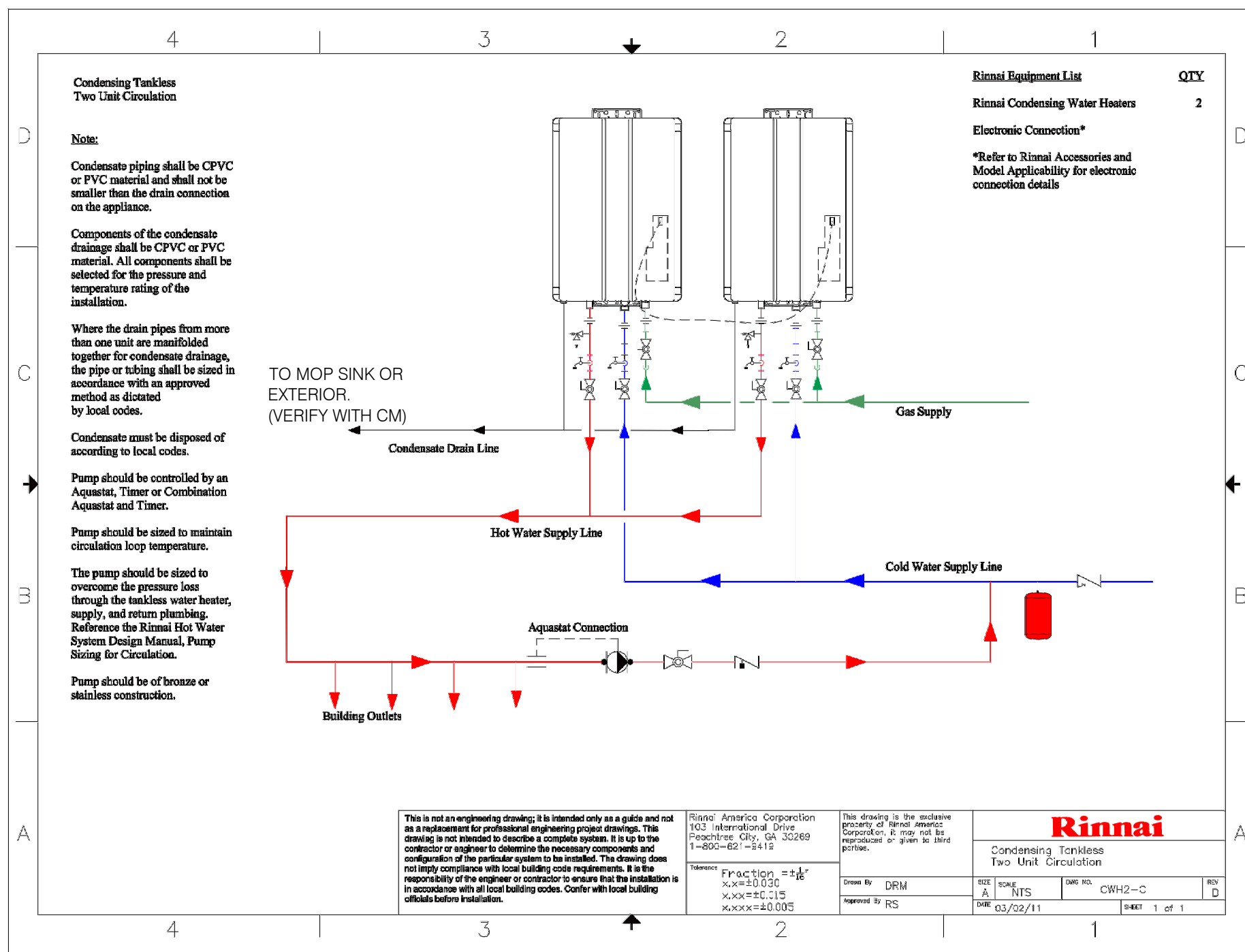
TRAP PRIMER DETAIL	N.T.S.	1
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MOP SINK DETAIL	N.T.S.	2
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WASTE ISOMETRIC	N.T.S.	12
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This is not an engineered drawing, it is intended only as a guide and not as a replacement for professionally engineered project drawings. It does not imply compliance with local building codes. Installation must be done in accordance with local building codes and may vary depending on installation location. Confer with local building officials before installation.

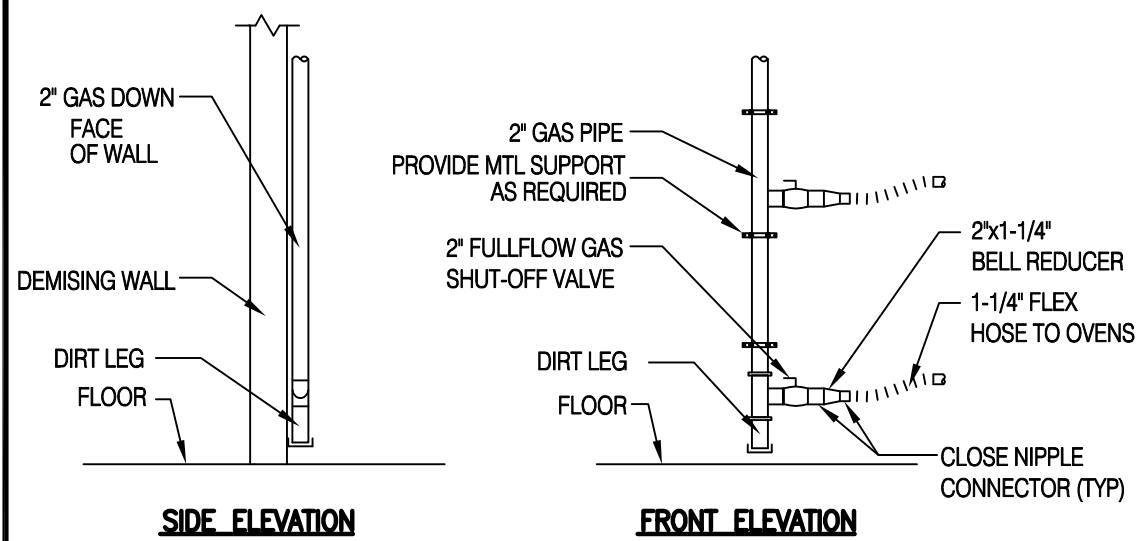
Note:
Please review Venting Instructions/Guidelines for proper components and installation

Note:
Condensate trap to seal against flue gas leakage.

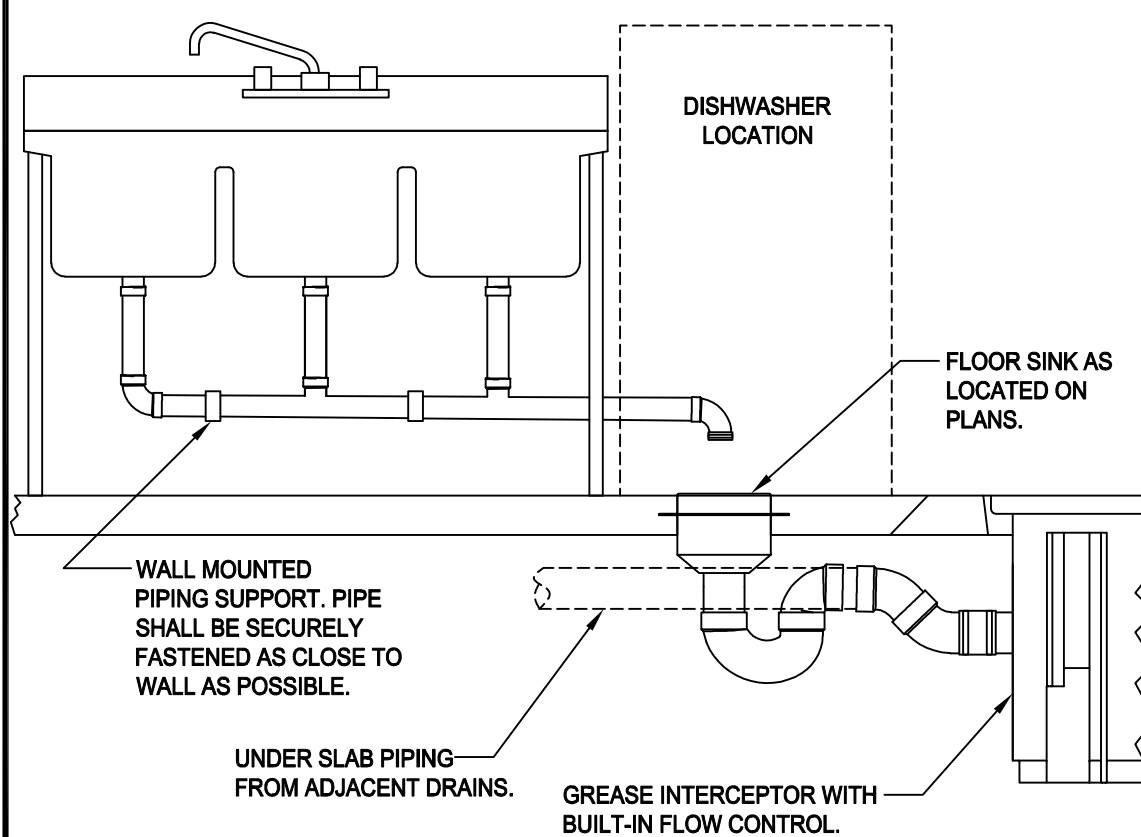
Condensate drain must be installed in accordance with local codes and installation instructions.

Controllers to be set to 140 degrees

TANKLESS WATER HEATER DETAIL N.T.S. 7



OVEN GAS PIPING DETAIL	N.T.S.	3
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TYPICAL GREASE INTERCEPTOR DETAIL N.T.S. 4

CONTRACT DATE:	05.08.19
BUILDING TYPE:	DELCO LITE
PLAN VERSION:	01.29.16
SITE NUMBER:	XXXXXX
STORE NUMBER:	XXXXX

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



PLUMBING ROUGH-IN PLAN

P4.0

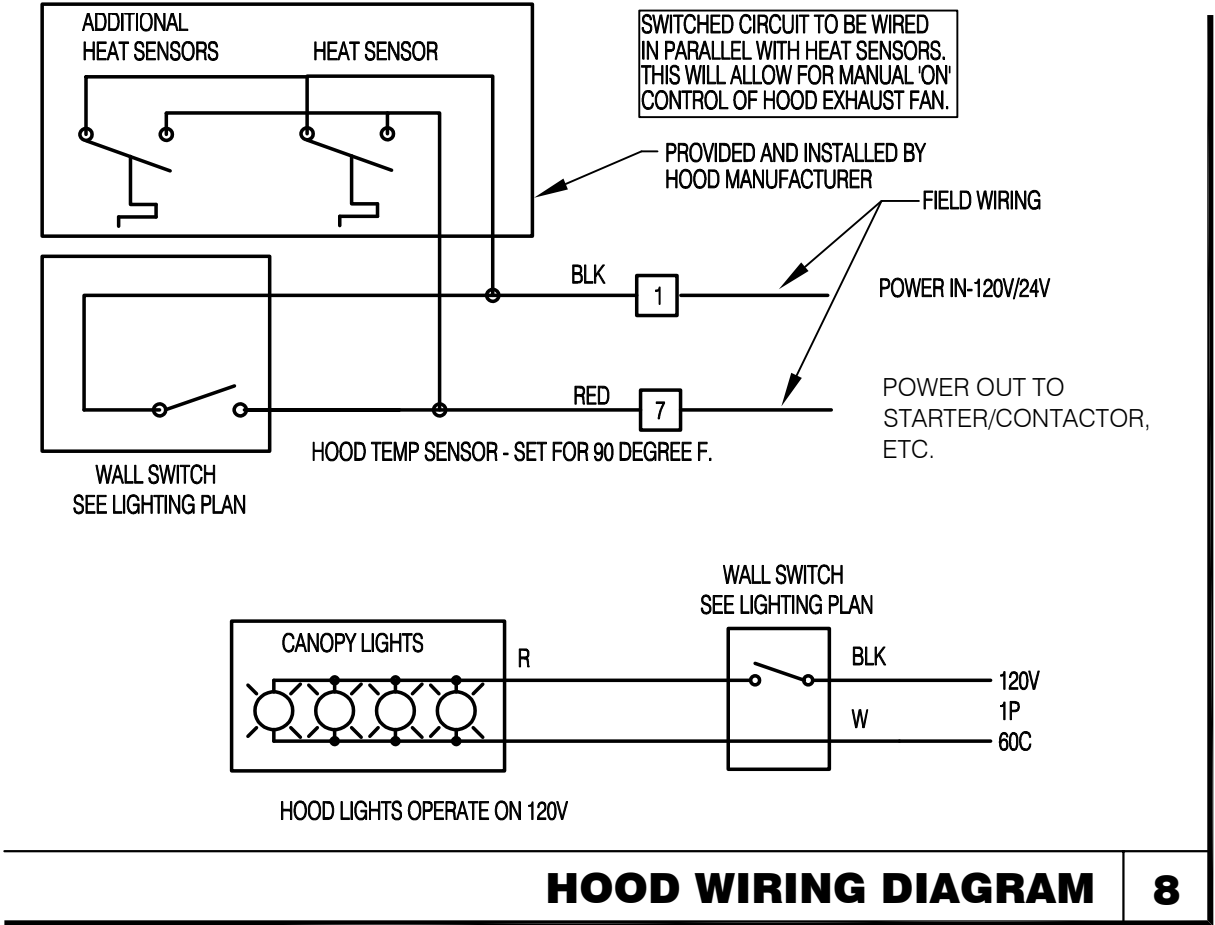
PLOT DATE: 05.09.19



PLUMBING ROUGH-IN SCHEDULE

SYMBOL LEGEND

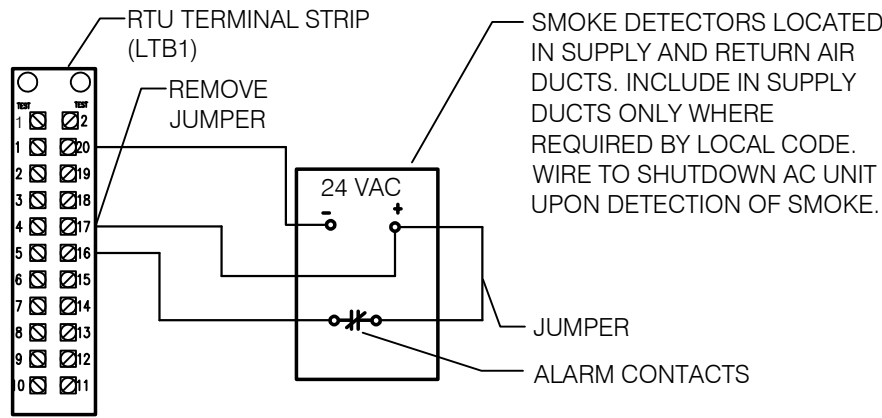
- ## PLUMBING ROUGH-IN NOTES



HOOD WIRING DIAGRAM 8

ELECTRICAL CONTRACTOR SHALL PROVIDE DUCT DETECTORS IN QUANTITY AS SHOWN ON THE PLANS FOR ALL AIR-MOVING SYSTEMS PRODUCING 2000 CFM OR GREATER. DUCT DETECTOR SHALL BE INSTALLED IN THE SUPPLY DUCT OF THE INDICATED UNIT. DUCT DETECTOR SHALL BE "SIMPLEX TRUE ALARM" #4098-9687 OR EQUAL WITH #4098-9842 CONTROL STATION PER DUCT DETECTOR SHOWN. THE DUCT DETECTOR AND THE CONTROL STATION SHALL BE WIRED AS DESCRIBED IN THE MANUFACTURERS LITERATURE. ALARM LIGHT AND PIEZO SHALL OPERATE IN ALARM CONDITION. THE 'POWER' LIGHT SHALL OPERATE AT ALL TIMES AND EXTINGUISHING OF THIS LIGHT SHALL INDICATE TROUBLE OR FAULT WITH THE SYSTEM. A PLACARD SHALL BE INSTALLED ABOVE THE CONTROL STATION MODULE THAT READS "DUCT DETECTOR TROUBLE IF GREEN LIGHT IS NOT ON, CALL FOR SERVICE". THIS SYSTEM SHALL BE INSTALLED TO COMPLY WITH NFPA 90A 4-4 REQUIREMENTS. VERIFY NFPA 90A 4-4 CODE REQUIREMENTS PRIOR TO INSTALLATION.

SMOKE MONITORING SYSTEM 7



SMOKE DETECTOR WIRING 6

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC), THE AMERICANS WITH DISABILITIES ACT (ADA), AND ALL STATE AND LOCAL REQUIREMENTS AND CODES.
- REFER TO RELATED ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
- THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
- SEPARATE GREEN GROUND CONDUCTOR SHALL BE ROUTED IN ALL CONDUITS WITH ALL PHASE CONDUCTORS.
- ISOLATED GROUND FOR P.O.S. SYSTEM SHALL BE CONTINUOUS FROM LAST OUTLET TO PANEL. DEDICATED CIRCUIT WITH SEPARATE ISOLATED GROUND WITH LESS THAN 0.5 OHM IMPEDANCE. TERMINATE AT NEUTRAL TO GROUND BUS BAR INSIDE THE MAIN SOURCE PANEL.
- ALL MECHANICAL EQUIPMENT SHALL BE COMPLETELY CONNECTED BY ELECTRICAL CONTRACTOR INCLUDING BOTH POWER AND CONTROL WIRING. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTION OF INTERLOCKING AND CONTROLS OF MECHANICAL UNITS AND THERMOSTAT LOCATIONS.
- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS FOR CLARITY ONLY. ELECTRICAL CONTRACTOR MAY GROUP SINGLE POLE BRANCH CIRCUITS IN MULTIPLE CIRCUIT HOME RUNS. (3 CIRCUITS MAX @ 120/208V 3Ø, 2 CIRCUITS MAX @ 120/240V 3Ø & 1Ø). A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CONDUITS.
- ALL EXTERIOR CONDUIT FOR SUPPLY MOUNTED EQUIPMENT AND WIRING SHALL BE MINIMIZED BY ROUTING IN CEILING SPACE. NO EXTERIOR CONDUIT WILL BE ACCEPTED.
- ALL CONDUITS SHALL BE CONCEALED IN WALL SPACE, CEILING SPACE OR UNDER FLOOR, NO EXPOSED CONDUIT PERMITTED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT FOR LOW VOLTAGE WIRING. LABEL CONDUIT TO IDENTIFY ITS INTENDED USE (I.E.: CONTROL, SECURITY SYSTEM, PHONE, DATA, ETC.).
- WHEN ALUMINUM CONDUCTORS ARE PRESENT, E.C. SHALL VERIFY ALL CONNECTIONS AND REPLACE AS REQUIRED
- COMPLETE SYSTEM SHALL BE GROUNDED PER N.E.C. ARTICLE 250..
- FINAL CONNECTIONS TO ALL DIRECT CONNECTED KITCHEN EQUIPMENT SHALL BE WITH U.L. APPROVED LIQUIDTIGHT CONDUIT. PROVIDE WITH GROUND WIRE SIZED PER N.E.C. ART. 250 (1999).

SYMBOL	DESCRIPTION	MOUNTING
	LIGHT FIXTURE & FIXTURE LETTER	CEILING
	STRIP LIGHT FIXTURE & FIXTURE LETTER	CEILING
	LIGHT FIXTURE & FIXTURE LETTER	CEILING
	LIGHT FIXTURE & FIXTURE LETTER	WALL
	EXIT LIGHT (SHADING DENOTES EXIT FACE SIDE)	CEILING
	EMERGENCY BATTERY LIGHT FIXTURE	CEILING
	SWITCHES (1-POLE, 2-POLE, 3-WAY, PILOT) 20A., 120V.	4ØAFF
	MANUAL MOTOR STARTING SWITCH	
	SINGLE GROUNDED RECEPTACLE (NEMA 5-20R)	AS NOTED
	DUPLEX GROUNDED RECEPTACLE (NEMA 5-20R)	AS NOTED
	DOUBLE DUPLEX GROUNDED RECEPTACLE (NEMA 5-20R)	AS NOTED
	GROUND FAULT DUPLEX RECEPTACLE (NEMA 5-20R)	AS NOTED
	DUPLEX GRD. RECEPT. BOTTOM SWITCHED (NEMA 5-20R)	AS NOTED
	CLG-MTD DUPLEX GROUNDED RECEPT. (NEMA 5-20R)	CEILING MTD
	DUPLEX ISOLATED GROUND RECEPTACLE (NEMA 5-20R)	AS NOTED
	SINGLE ISOLATED GROUND RECEPTACLE (NEMA 5-20R)	AS NOTED
	SPECIAL OUTLET (SEE PLAN KEY NOTES)	AS NOTED
	TELEPHONE OUTLET	AS NOTED
	DATA OUTLET/ DOUBLE DATA OUTLET	AS NOTED
	COMBINATION TELEPHONE/DATA OUTLET	AS NOTED
	ABOVE FINISHED FLOOR	
	WEATHERPROOF	
	JUNCTION BOX	AS NOTED
	JUNCTION BOX	WALL
	FUSTAT BUSS #SSY	AT UNIT
	FUSTAT BUSS #SOY	AT UNIT
	DUCT SMOKE DETECTOR 120V.	DUCT
	DUCT SMOKE DETECTOR ANNUNCIATOR	WALL
	CHIME	CEILING
	SPECIAL DEVICE (AS NOTED)	
	BRANCH CIRCUIT PANEL & PANEL DESIG.	72" TO TOP
	SAFETY SWITCH (AMPS, POLE, VOLTAGE)	
	MOTOR STARTER (SIZE, POLE, VOLTAGE)	
	CONDUIT RUN 2 #12 & 1 #12 GRD. -1/2" C.	CEIL/WALL
	CONDUIT RUN 2 #12 & 1 #12 GRD. -3/4" C.	EARTH/FLOOR
	CONDUIT RUN PARTIAL CIRCUIT	
	CONDUIT RUN TWO (2) CIRCUITS	CEIL/WALL
	PHASE CONDUCTORS (#12 UON)	
	NEUTRAL CONDUCTOR (#12 UON)	
	SWITCH LEGS (#12 UON)	
	GROUND CONDUCTOR (#12 UON)	
	ISOLATED GROUND CONDUCTOR (#12 UON)	

SYMBOL LIST 3

FAULT CURRENT OF PANEL 'A' IS 22,000 AIC. THIS IS BASED ON 65,000 AIC AT THE PRIMARY SIDE OF THE MAIN DISCONNECT SWITCH. PER BUSSMAN LOW-PEAK CLASS RK1 TIME DELAY - LPN-RK-SP FUSES, THE LET-THRU AT 65,000 WITH THE AMPHERE RATING OF 200A IS APPROXIMATELY 12,000 AIC ON THE SECONDARY SIDE OF THAT FUSE.

FAULT CURRENT AT THE ROOF TOP UNIT IS RATED AT 2,400 AIC. THIS IS BASED ON 12,000 AIC (WORSE CASE) AT THE PRIMARY SIDE OF THE RTU DISCONNECT SWITCH. PER BUSSMAN LOW-PEAK CLASS RK1 TIME DELAY - LPN-RK-SP FUSES, THE LET-THRU AT 12,000 WITH THE AMPHERE RATING OF 60A IS APPROXIMATELY 2,400 AIC ON THE SECONDARY SIDE OF THAT FUSE.

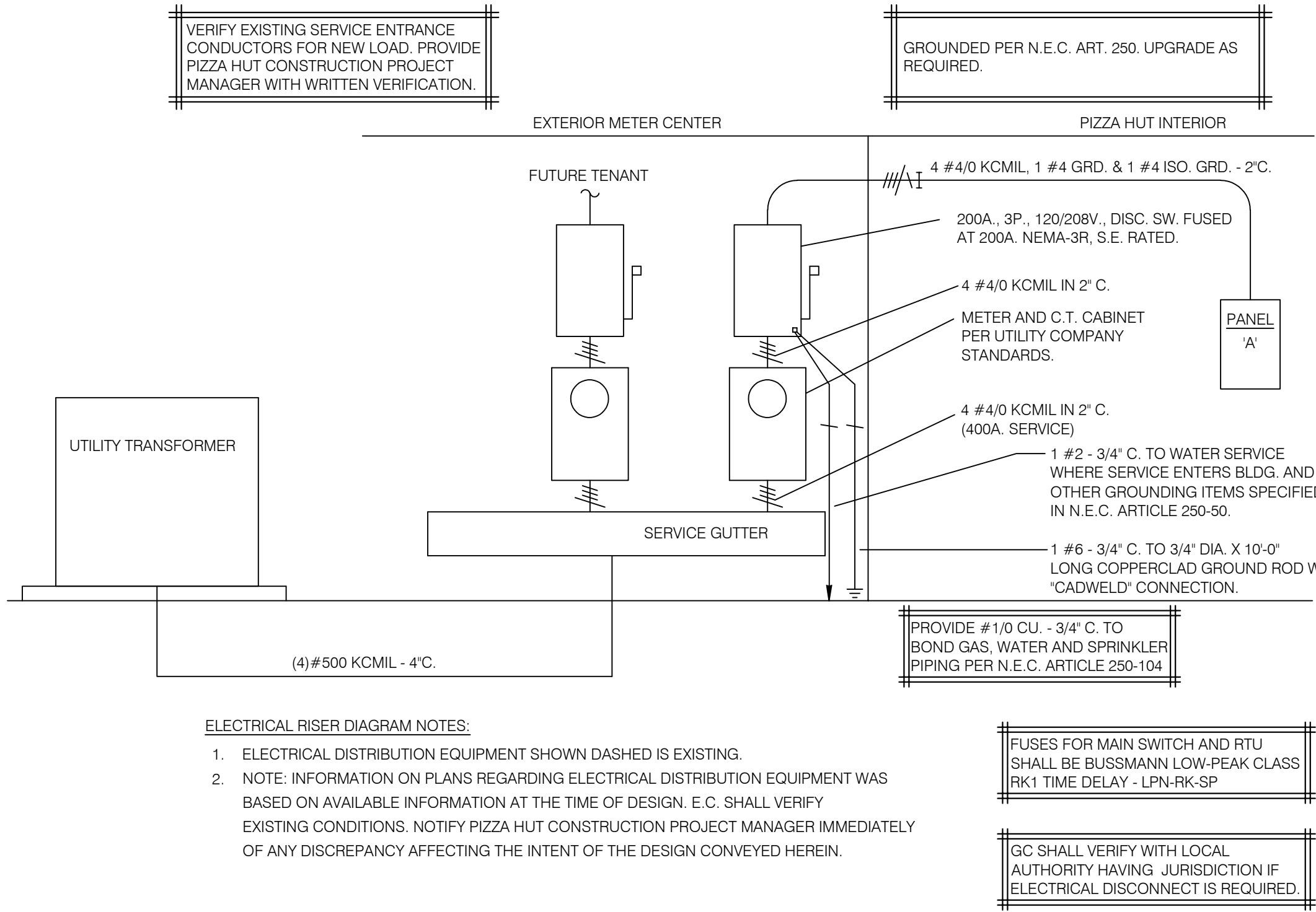
PANEL SCHEDULE NOTES	
General Notes:	
CONTRACTOR TO FURNISH TWO "HANDLE PADLOCK ATTACHMENTS" FOR CIRCUIT BREAKERS. ATTACHMENT PIECES TO BE PROVIDED TO THE OWNER OR TO BE INSTALLED IN THE PANELBOARD FOR EASY ACCESS BY AN ELECTRICAL CONTRACTOR PERFORMING MAINTENANCE ON ELECTRICAL EQUIPMENT REQUIRING A DISCONNECTING MEANS, CAPABLE OF BEING PADLOCKED.	
BALANCE PANELS WITHIN 10% PHASE TO PHASE.	
Circuit Key Notes:	
LOC	HANDLE LOCK "OFF/ON" CLAMP DEVICE
ST	SHUNT TRIP BREAKER
G	GROUND FAULT CIRCUIT INTERRUPTING BREAKER
mA	30 MILLI-AMP RATED BREAKER
C#	ROUTE CIRCUIT THROUGH CONTACTOR INDICATED.

PANEL: A		LOCATION: KITCHEN		NEMA ENCLOSURE: 1									
SYSTEM: 208/120V., 3P, 4W		MAINS: 200A MLO		CABINET MOUNTING: SURFACE									
FEEDER: SEE RISER DIAGRAM				LUGS: TOP									
OPTIONS:				AIC RATING: 22K AIC									
LOAD DESCRIPTION	BKR SIZE	BKR POLE	NOTE	WATTS	CCT NO.	PHASE	CCT NO.	WATTS	NOTE	BKR POLE	BKR SIZE	LOAD DESCRIPTION	
U.C. FREEZER (R-044)	20	1	G	667	1	A	2	600	G	1	20	CPU CABINET	
COMP WALL CABINET & MONITOR (U904)	20	1	G	1,000	3	B	4	1,200	G	1	20	TELEPHONE BOARD/DASH BOARD	
FRONT COUNTER & TV	20	1		400	5	C	6	990	G	1	20	WCO MONITORS	
MAKE TABLE (P-951)	20	1	G	1,840	7	A	8	360	G	1	20	TERMINALS	
HOOD SUPPRESSION SYSTEM	20	1		540	9	B	10	360	G	1	20	TERMINALS	
DISHWASHER (N-927)	20	1	G	1,440	11	C	12	1,153					
SAUCE WARMER (S-903)	20	1		804	13	A	14	1,153		3	30	WALK-IN COOLER CONDENSER	
SPARE	20	1		15		B	16	1,153					
WATER HEATER/PHCELL	20	1	LOC	600	17	C	18	2,290		1	30	HOT HOLD (S-942) (NEMA L5-30P)	
SAUCE STATION (S-914) RCPTS	20	1	G	960	19	A	20	1,540	C2	1	20	KITCHEN LIGHTS AND EF-1	
PIZZA OVEN (C-931)	20	1	ST	1,800	21	B	22	872	C2	1	20	KITCHEN LIGHTS AND EF-2	
SHUNT TRIP SPACE	1			23		C	24	1,545					
EXTERIOR LIGHTS	20	1	C1	180	25	A	26	1,545		3	30	WALK-IN FREEZER	
SECURITY PANEL/CONTACTOR	20	1	LOC	600	27	B	28	1,545					
COOLER/FREEZER LIGHTS/HEATER	20	1		1,000	29	C	30	200	G	1	20	FRYER CONTROLS	
SPARE	20	1		31		A	32	1,200	C1	1	20	MONUMENT SIGN	
RCPT GF/WP EXTERIOR/RTU	20	1		360	33	B	34	1,200	C1	1	20	MONUMENT SIGN	
PROOFER (P-803)(NEMA 5-20P)	20	1	G	1,750	35	C	36	1,200	C2	1	20	TRACK LIGHTING/EXT. SIGN/FRONT LTS	
SPARE	20	1		37		A	38	1,800	ST	1	20	PIZZA OVEN (C-931)	
DUCT SMOKE DETECTORS(2)	20	1		360	39	B	40			1		SHUNT TRIP SPACE	
BEVERAGE COOLER (S-927)	20	1	G	1,725	41	C	42	540		1	20	LEARNING STATION	
RTU-1	40	3		1,122	43	A	44	846		C1	2	20	SITE LIGHTING
				1,122	45	B	46	846					
				1,122	47	C	48	500	G	1	20	FUTURE MODULAR HOLDING CABINETS (K945)	
RTU-2	30	3		2,521	49	A	50	500	C1	1	20	FLOOD LIGHTS	
				2,521	51	B	52	760		1	15	MAO-1	
				2,521	53	C	54	120		1	20	CIRCULATOR PUMP	
PHASE A : 19,638 W										CONNECTED 59,993 W 167 A		DEMAND 57,352 W 159 A	
PHASE B : 18,259 W													
PHASE C : 22,096 W													
Y:_Projects\Active\2019\01201922.7\101201922.7\1.Calcs and Support\1922.7\1 MEP.C													

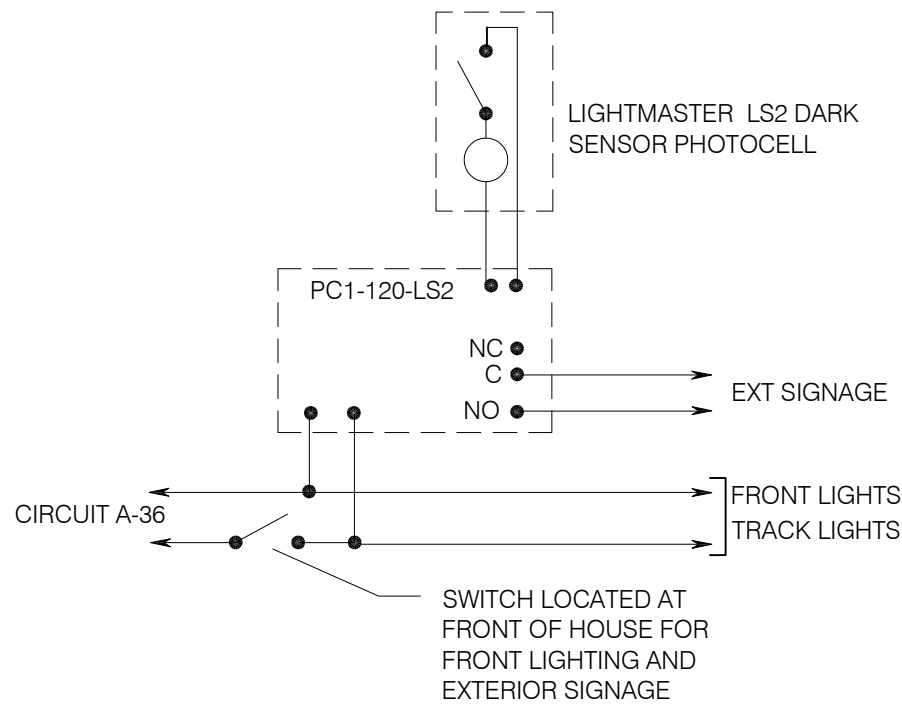
ELECTRICAL SERVICE LOAD SUMMARY

LOAD DESCRIPTION	CONNECTED WATTAGE	DEMAND FACTOR	DEMAND WATTAGE
LIGHTING	8,384	125%	10,480
RECEPTACLES	1,260	1ST 10KW @ 100% REMAINING @ 50%	1,260
KITCHEN EQUIPMENT	26,270	*** UP TO 65% 20 PC	17,076
CONTINUOUS MOTORS	17,829	125%	22,286
WATER HEATER	600	100%	600
MISCELLANEOUS	5,650	100%	5,650
TOTAL WATTS			57,352
TOTAL AMPERAGE			159
NOTES:			
* USE GREATER LOAD OF THE TWO CATEGORIES			
** NUMBER OF ELEVATORS: 1=100%, 2=95%, 3=90%, 4=85%, 5=82%, 6=79%, 7=77%, 8=75%, 9=73%, 10 OR MORE =72%			
*** PIECES OF EQUIPMENT: 1-2 = 100%, 3 = 90%, 4 = 80%, 5 = 70%, 6 AND MORE = 65%			
**** SUM OF VAR RATINGS OF TRACK CURRENT LIMITING DEVICES			
REQUIRED ELECTRICAL SERVICE			200 AMPS

ELECTRICAL PANEL SCHEDULES 1

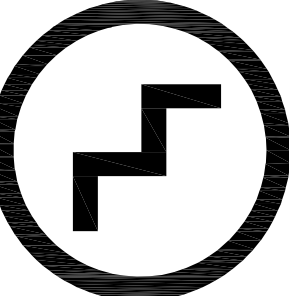


ELECTRICAL RISER DIAGRAM 2



LIGHTING CONTROL DIAGRAM 4

McIntosh



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THIS SHEET IS PART OF THE CONSTRUCTION DOCUMENTS. THESE SHEETS INCLUDING SPECIFICATIONS, NOTES, AND SCHEDULES, ARE TO BE USED AS A BASIS FOR THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR THE ACCURACY OF ALL DIMENSIONS, AND FOR THE COMPLETION OF ALL WORK IN ACCORDANCE WITH THE SPECIFICATIONS AND SCHEDULES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF ALL ADJACENT PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF ALL ADJACENT PROPERTIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF ALL ADJACENT PROPERTIES.



6/3/19 DESIGN COMMENTS

CONTRACT DATE: 05.08.19
BUILDING TYPE: DELCO LITE
PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201

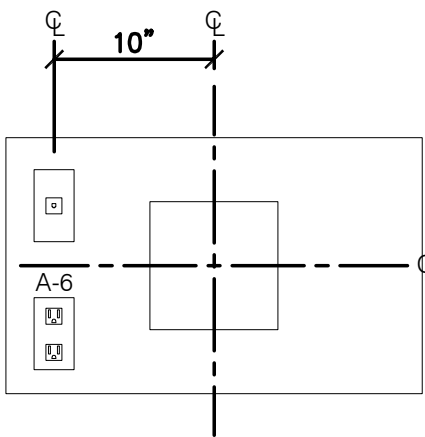


DELCO LITE
001.03.00
ELECTRICAL
SCHD., NOTES
& RISER DIAGRAM

E1.0

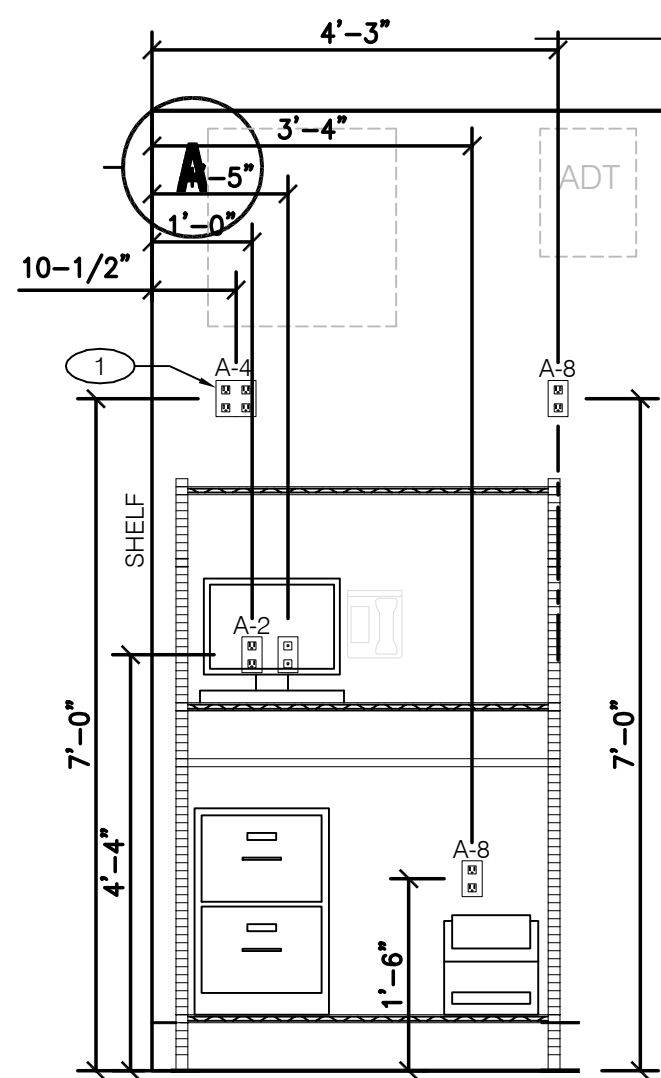
PLOT DATE: 05.09.19

GENERAL NOTES 5



MONITOR ELECTRICAL HEIGHT SCHEDULE		
ITEM	MOUNTING HEIGHT	REMARKS
LOBBY MONITOR	92"	
FRONT COUNTER MONITOR	92"	
WCO	92"	QUAD OUTLET

PROTOTYPAL MONITOR MOUNT 1" = 1'-0" 8



PROTOTYPAL MANAGERS DESK 1/2" = 1'-0" 7

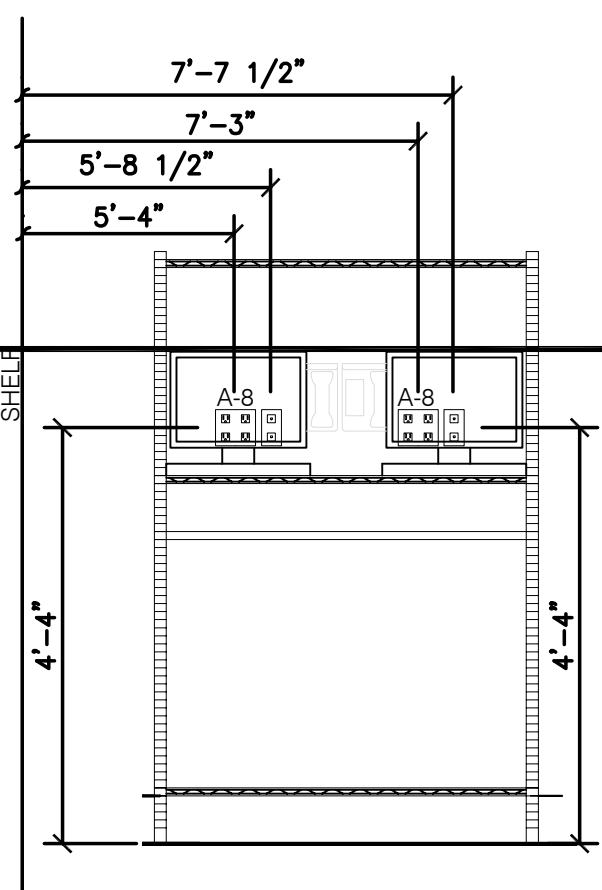
UNIT DESIG.	UNIT VOLTAGE	LOAD			PANEL DEVICE					DEVICE AT UNIT					S E T S	FEEDER DESCRIPTION OR SEE THE FEEDER SCHEDULE	REMARKS OR SEE THE INDICATED NOTES BELOW		
		H.P.	FLA	KVA	CIRCUIT NUMBER	BKR. AMPS	SW. AMPS	FUSE AMPS	NEMA START. SIZE	BKR. AMPS	SW. AMPS	FUSE AMPS	NEMA START. SIZE	OTHER					
RTU	ROOF TOP UNIT																		
1	208/3	3	53.6	19.2	A-43/45/47	40			3			60	40	3	NEMA 3R	1	(3)#8 & (1)#10G, 3/4"	SEE NOTE #3	
2	208/3	3	29.5	10.6	A-49/51/53	30						30	30	3	NEMA 3R		(3)#10 & (1)#10G, 3/4"	SEE NOTE #3	
EF	EXHAUST FAN																		
1	115/1	.5		0.932	A-22	20			1						NEMA 3R SWITCH	1	(2)#12 & (1)#12G, 1/2"	REFER TO HOOD SHEETS	
2	115/1	.33		0.472	A-20	20			1						NEMA 3R SWITCH	1	(2)#12 & (1)#12G, 1/2"	REFER TO HOOD SHEETS	
3	120/1	.17		0.35	A-22	20			1						FUSTAT	1		REFER TO HOOD SHEETS	
CC	COOLER CONDENSER																		
1	208/3		9.0	3.2	SEE PLANS	30			3			30	15	3	NEMA 3R	1	(3)#10 & (1)#10G, 3/4"	AR - FUSE AS REQUIRED	
CE	COOLER EVAPORATOR																		
1	120/1		9.0	1.0	SEE PLANS						-	-	-	MMS	SEE KEY NOTE #5	1	(2)#12 & (1)#12G, 1/2"	FED FROM CONDENSER	
FC	FREEZER CONDENSER																		
1	208/3		9.3	3.3	SEE PLANS	30			3			30	15	3	NEMA 3R	1	(3)#10 & (1)#10G, 3/4"	AR - FUSE AS REQUIRED	
FE	FREEZER EVAPORATOR																		
1	208/1		4.0	0.8	SEE PLANS							30	15	2	MMS	SEE KEY NOTE #4	1	(2)#12 & (1)#12G, 1/2"	FED FROM CONDENSER
MAU	MAKE-UP AIR UNIT																		
1	120/1	1			SEE PLANS	15									NEMA 3R SWITCH	1	(2)#12 & (1)#12G, 1/2"	FED FROM CONDENSER	

MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES 5

- ALL CONNECTIONS AND ELECTRICAL EQUIPMENT LISTED IN SCHEDULE SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. FIELD VERIFY CONNECTION REQUIREMENTS AND EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN.
- REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTIONS OF INTERLOCKING, THERMOSTAT LOCATIONS, EXHAUST FAN CONTROL SWITCHES, AND OTHER CONTROLS OF MECHANICAL EQUIPMENT.
- PROVIDE DUCT MOUNTED SMOKE DETECTORS IN THE RETURN DUCT. VERIFY THE REQUIRED QUANTITY OF DUCT SMOKE DETECTORS FOR EACH UNIT WITH DUCTWORK LAYOUT TO MEET NFPA REQUIREMENTS. REFER TO SMOKE MONITORING SYSTEM NOTES ON SHEET E1.0.

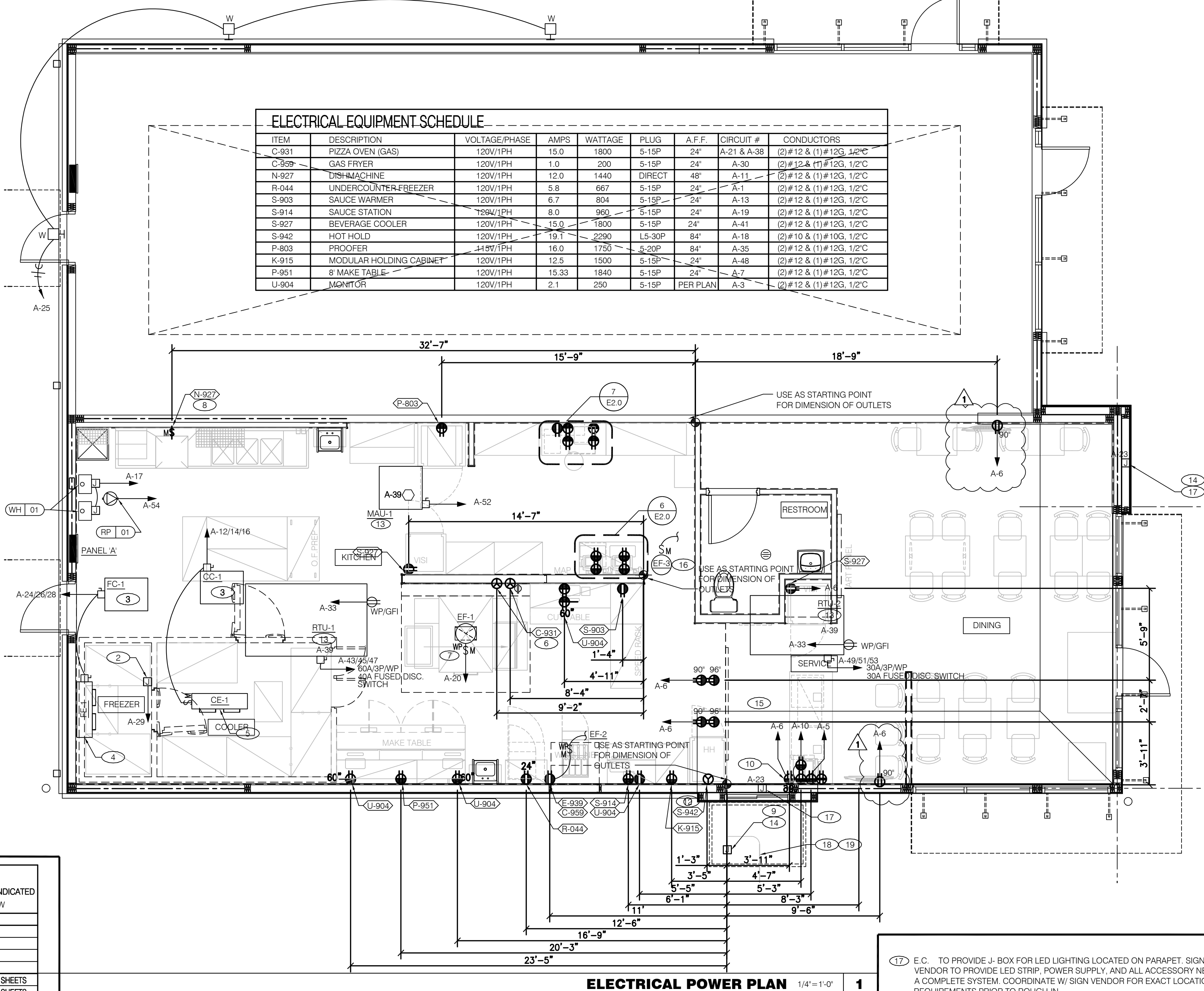
MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES 3

ELEVATION AT WINDOW N.T.S. 1



PROTOTYPAL ORDER ENTRY 1/2" = 1'-0" 6

ELECTRICAL EQUIPMENT SCHEDULE							
ITEM	DESCRIPTION	VOLTAGE/PHASE	AMPS	WATTAGE	PLUG	A.F.F.	CIRCUIT #
C-931	PIZZA OVEN (GAS)	120V/1PH	15.0	1800	5-15P	24"	A-21 & A-38
C-959	GAS FRYER	120V/1PH	1.0	200	5-15P	24"	A-30
N-927	DISHMACHINE	120V/1PH	12.0	1440	DIRECT	48"	A-11
R-044	UNDERCOUNTER-FREEZER	120V/1PH	5.8	667	5-15P	24"	A-1
S-903	SAUCE WARMER	120V/1PH	6.7	804	5-15P	24"	A-13
S-914	SAUCE STATION	120V/1PH	8.0	960	5-15P	24"	A-19
S-927	BEVERAGE COOLER	120V/1PH	15.0	1800	5-15P	24"	A-41
S-942	HOT HOLD	120V/1PH	19.1	2290	L5-30P	84"	A-18
P-803	PROOFER	120V/1PH	16.0	1750	5-20P	84"	A-35
K-915	MODULAR HOLDING CABINET	120V/1PH	12.5	1500	5-15P	24"	A-48
P-951	8 MAKE TABLE	120V/1PH	15.33	1840	5-15P	24"	A-7
U-904	MONITOR	120V/1PH	2.1	250	5-15P	PER PLAN	A-3



ELECTRICAL POWER PLAN 1/4" = 1'-0" 1

- HORIZONTAL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD CENTER OF BOX, U.O.N. VERTICAL DIMENSION OF 24" IS FROM FINISH FLOOR TO CENTER OF J-BOX, U.O.N.
- PROVIDE STAINLESS STEEL OUTLETS, SWITCHES AND COVER PLATES IN B.O.H. PROVIDE BLACK OUTLETS, SWITCHES AND COVER PLATES IN F.O.H.
- ALL OUTLETS AND J-BOXES BEHIND SIGNAGE SHALL BE RECESSED OR FLUSH WITH ADJACENT BUILDING SURFACES.

GENERAL NOTES 4

- PROVIDE 20A., 120V. A QUAD ISOLATED GROUND RECEPTACLE FOR DEMARK TELEPHONE TERMINAL BOARD AND TELEPHONE SYSTEM TERMINAL BOARD.
- PROVIDE 120V. CONNECTION FOR FREEZER DOOR HEATER, CONDENSATE HEAT TRACE AND HEAT AIR RELIEF VENT IN FREEZER. PROVIDE CONNECTIONS PER MANUFACTURERS REQUIREMENTS AND N.E.C. ARTICLE 300-7 (1999).
- CONDENSING UNITS TO COOLER/FREEZER MOUNTED ON FIELD FABRICATED PLATFORM ON THE ROOF. ROOF PENETRATIONS AND LEVEL SUPPORT BY THE G.C. REFER TO DETAIL 5/P3.0.
- FREEZER EVAPORATOR - 20A., 2P., 208V., WEATHERPROOF MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOADS. INSTALL PER NEC 430-102 AND 300-7 (1999). PROVIDE CONNECTION TO CONDENSER PER MANUFACTURERS REQUIREMENTS.
- COOLER EVAPORATOR - 20A., 1P., 120V., WEATHERPROOF MOTOR RATED SWITCH PROVIDE CONNECTIONS TO CONDENSER PER MANUFACTURERS REQUIREMENTS.

- OVENS - 20A., 1P., 120V., MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOADS WITH STAINLESS STEEL LOCKOUT AND TAG OUT COVER PLATE. PROVIDE RECEPTACLES TO MATCH OVEN PLUG CONFIGURATION IF OVENS ARE PROVIDE WITH FACTORY INSTALLED CORD AND PLUG.
- SEE DRAWING SHT E1.0 FOR EXHAUST FAN INTERLOCK DETAILS.
- DISHWASHER - 20A., 1P., 120V., MANUAL MOTOR STARTING SWITCH WITHOUT OVERLOADS WITH STAINLESS STEEL LOCKOUT AND TAG OUT COVER PLATE.
- J-BOX FOR AWNING SIGN LED. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SIGNAWNING VENDOR PRIOR TO ROUGH-IN.
- 20A, 115V, IP, 3 WIRE ISOLATED GROUND RECEPTACLE, NEMA 5-20P LOCATED WITHIN 11" OF CENTERLINE OF COUNTER.
- TWO CIRCUIT POWER POLE EQUAL TO HUBBELL HBLP SERIES WITH (2) 20 AMP RECEPTACLES.
- 30A., 120V., 1P., 2 WIRE NEMA L5-30P RECEPTACLE.
- PROVIDE CONNECTION FROM DUCT SMOKE ANNUNCIATORS TO DUCT SMOKE DETECTORS.
- ALL EXTERIOR LIGHTING AND SIGNAGE SHALL BE CIRCUITED THROUGH EXTERIOR LIGHTING CONTACTOR/PHOTOCELL CONTROL PANEL. SEE DETAIL 8 ON SHEET E6.0 FOR ADDITIONAL INFORMATION.
- RECEPTACLE TO BE PROVIDED ONLY WHEN CCTV EQUIPMENT IS REQUIRED. MOUNT RECEPTACLE AT 90°.
- SWITCH EXHAUST FAN WITH LIGHT IN RESTROOM.

- E.C. TO PROVIDE J- BOX FOR LED LIGHTING LOCATED ON PARAPET. SIGNAGE VENDOR TO PROVIDE LED STRIP, POWER SUPPLY, AND ALL ACCESSORY NEEDED FOR A COMPLETE SYSTEM. COORDINATE W/ SIGN VENDOR FOR EXACT LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN.
- PICK-UP WINDOW MAGNETIC LOOP DETECTOR SYSTEM. FIELD VERIFY REQUIREMENTS. INSTALL PER MANUFACTURERS REQUIREMENTS. SEE DETAIL 3 ON SHEET E6.0 FOR ADDITIONAL INFORMATION.
- PRESENCE ALERT SYSTEM W/ LOOP DETECTOR. FIELD VERIFY REQUIREMENTS. INSTALL PER MANUFACTURERS REQUIREMENTS. SEE DETAIL 3 ON SHEET E6.0 FOR ADDITIONAL INFORMATION.

CONTRACT DATE: 05.08.19
BUILDING TYPE: DELCO LITE
PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



DELCO LITE
001.03.00

ELECTRICAL POWER PLAN

E2.0

PLOT DATE: 05.09.19

McIntosh

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COMMONWEALTH OF VIRGINIA

EARL KEITH ZWEIFEL
Lic. No. 58959

PROFESSIONAL ENGINEER

7/15/19

- 1 TELEPHONE COMPANY DEMARK BOARD - PROVIDE (1) 2" CONDUIT WITH PULL STRING FROM TELEPHONE TERMINAL BOARD TO TELEPHONE SERVICE ENTRANCE. PROVIDE SWEEPING 90° ELBOWS AT ALL TURNS. VERIFY SITE AND TELEPHONE COMPANY REQUIREMENTS PRIOR TO BIDDING. SEE ARCHITECTURAL ELEVATION DETAIL FOR SIZE AND MOUNTING.
- 2 PROVIDE (1) 2" CONDUIT WITH PULL STRING STUBBED UP ABOVE TO ACCESSIBLE CEILING FROM J-BOX AT COMPUTER WALL CABINET FOR DATA CABLES. PROVIDE SWEEPING 90° ELBOWS AT TURNS.
- 3 PROVIDE (1) PULL STRING STUBBED UP ABOVE TO ACCESSIBLE CEILING FROM EACH VOICE, VOICE/DATA AND DATA OUTLET. PROVIDE SWEEPING 90° ELBOWS AT ALL TURNS.
- 4 TELEPHONE TERMINAL BOARD FOR PIZZA HUT TELEPHONE SYSTEM LOCATION. SEE ARCHITECTURAL ELEVATION DETAIL FOR SIZE AND MOUNTING.
- 5 OVERHEAD TELEPHONE BELL PROVIDED BY PHONE INSTALLER.
- 6 PROVIDE (1) QUAD BOX FOR ALL LOW VOLTAGE LINES CENTERED UNDERCOUNTER.
- 7 PROVIDE (1) 3/4" CONDUIT WITH PULL STRING FOR CATS DSL FROM DEMARK TO THE OFFICE.

- S1 HOLD UP BUTTON CENTERED ABOVE DOOR. MOUNT AT TOP OF JAMB WITH CONDUIT STUBBED UP ABOVE CEILING.
- S2 HOLD UP BUTTON LOCATION (MOUNT 2 1/2" BEHIND COUNTER EDGE). VERIFY AND REQUIREMENTS WITH SECURITY PROVIDER.
- S3 ALARM KEYPAD.
- S4 HOLD UP BUTTON BY MANAGER DESK. VERIFY EXACT LOCATION AND REQUIREMENTS WITH SECURITY PROVIDER.

GENERAL NOTE:
HORIZONTAL DIMENSIONS TO DATA PULL J-BOXES ARE FROM FACE OF STUD CENTER OF BOX, U.O.N.
THE VERTICAL DIMENSION OF 24" IS FROM FINISH FLOOR TO CENTER OF J-BOX, U.O.N.

KEYED NOTES

2

- 1 INSTALL ALL EMERGENCY AND EXIT LIGHTING ON UNSWITCHED LEG OF CIRCUIT A-15.
- 2 EXHAUST HOOD LIGHTS SUPPLIED WITH HOOD AND MTD IN PRE-WIRED J-BOX. COMPLETE CIRCUITING PER DETAIL 8/E1.0.
- 3 J-BOX FOR ILLUMINATED SIGN. VERIFY ELECTRICAL REQUIREMENTS AND EXACT LOCATIONS FOR J-BOX WITH ARCHITECTURAL ELEVATIONS AND SIGN VENDOR.
- 4 CONTROLLED BY EXTERIOR SIGNAGE CONTACTOR. REFER TO EXTERIOR SIGNAGE CONTROL DIAGRAM ON SHEET E1.0.
- 5 LIGHTING FIXTURES & SWITCHES FOR COOLER/FREEZER ARE PROVIDED WITH COOLER/FREEZER. FIXTURES & SWITCHES ARE TO BE INSTALLED BY ELECTRICAL CONTRACTOR PER MANUFACTURERS REQUIREMENTS AND N.E.C. ARTICLE 300-7. CONTRACTOR TO PROVIDE 100W A19 LAMPS FOR COOLER AND FREEZER FIXTURES.
- 6 ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL WIRING INSIDE COOLER/FREEZER PER MANUFACTURERS REQUIREMENTS AND N.E.C. ARTICLE 300-7 (1999). ALL CONDUITS ENTERING OR LEAVING COOLER/FREEZER SHALL BE PROVIDED WITH SEAL-OFF FITTINGS WITH COMPOUND PER N.E.C. 300-(7A)(1999).
- 7 ALL EXTERIOR LIGHTING SHALL BE CIRCUITED THROUGH EXTERIOR LIGHTING CONTACTOR/PHOTOCELL CONTROL PANEL.
- 8 ROUTE CIRCUIT THROUGH LIGHT SWITCH. SEE DRAWING SHEET E1.0 FOR CONTROLS.
- 9 PROVIDE 120V, 1P/20 AMP WALL SWITCH AT 48" AFF FOR FRONT OF HOUSE LIGHTING AND EXTERIOR SIGNAGE LIGHTING. SEE DRAWING SHEET E1.0 FOR CONTROLS. LABEL SWITCHES.
- 10 LED LIGHTS AT PARAPET CAP. REFER TO SHEET E2.0 FOR POWER REQUIREMENTS.
- 11 LIGHT PROVIDED BY AWNING MANUFACTURER.
- 12 EMERGENCY (BATTERY PACK), EMERGENCY LIGHTS, EXIT LIGHTING FIXTURES AND NIGHT LIGHT FIXTURES (SHOWN HATCHED) TO BE CIRCUITED ON UNSWITCHED LEG OF CIRCUIT SHOWN ON PLAN. PROVIDE WITH LOCK-ON BREAKER.
- 13 PROVIDE BODINE #B426 OR EQUAL EMERGENCY BATTERY BALLAST FOR AWNING LIGHT AT ENTRANCE.
- 14 MOUNT REMOTE BATTERY PACK ON INTERIOR WALL ABOVE ACCESSIBLE CEILING. PROVIDE THROUGH-WALL PENETRATION AND FLEXIBLE "WHIP". MAKE FINAL CONNECTIONS TO AWNING LIGHT.

LIGHTING NATIONAL ACCOUNT:

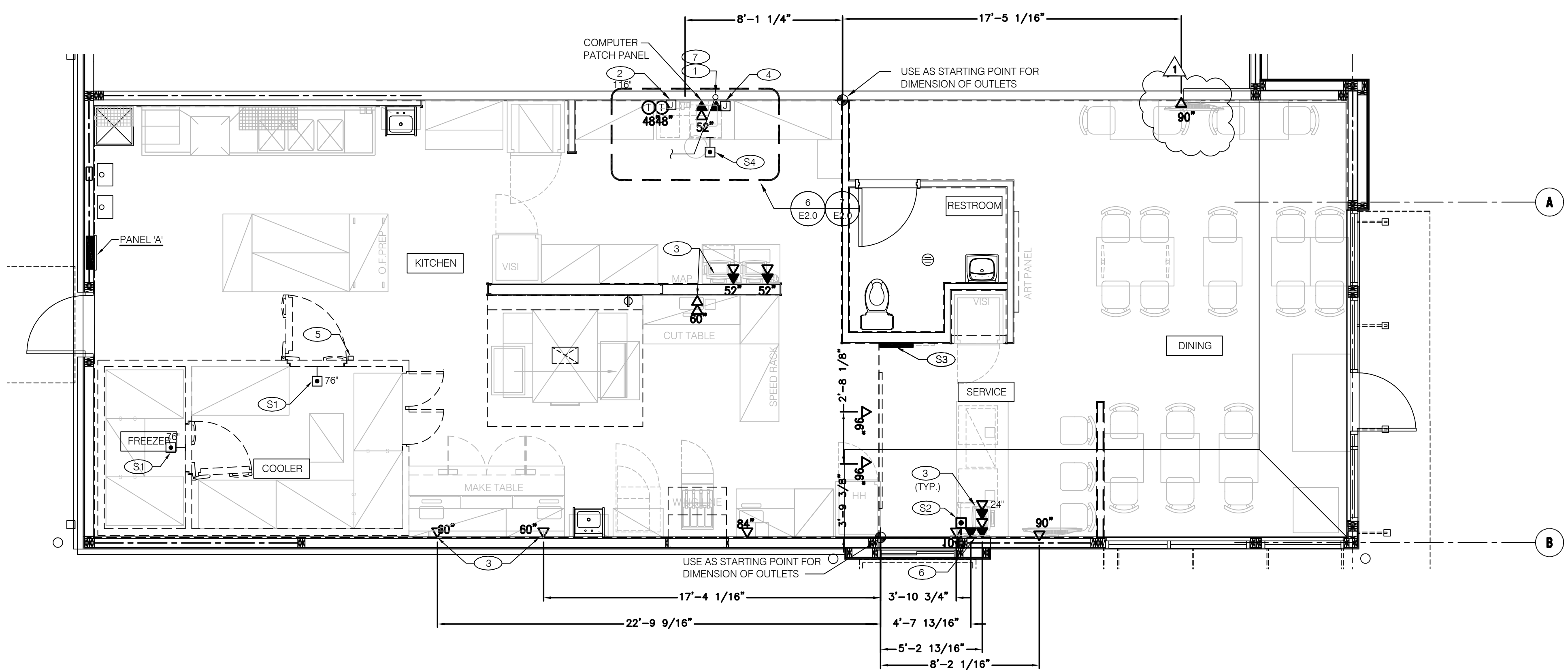
ACCUSERV LIGHTING:

PRIMARY CONTACT: ASHLEY GARNER
PHONE: (877) 707-7378
FAX: (502) 961-0357
EMAIL: agarner@accuserv.com

ACCUSERV HAS AGREED TO PROVIDE A PHOTOMETRICS STUDIES FOR ALL DELCOS. ONCE AN EQUIPMENT PLAN IS COMPLETE, EMAIL THE AS-BUILT AND BASE PLANS TO ACCUSERV FOR PHOTOMETRIC. EACH SPACE WILL BE DESIGNED FOR A MIN. OF 50 FOOT CANDLES THROUGH OUT THE SPACE. ACCUSERV HAS AGREED TO RETURN THE PHOTO METRIC WITH LIGHTING LAYOUT WITHIN 48 HOURS.

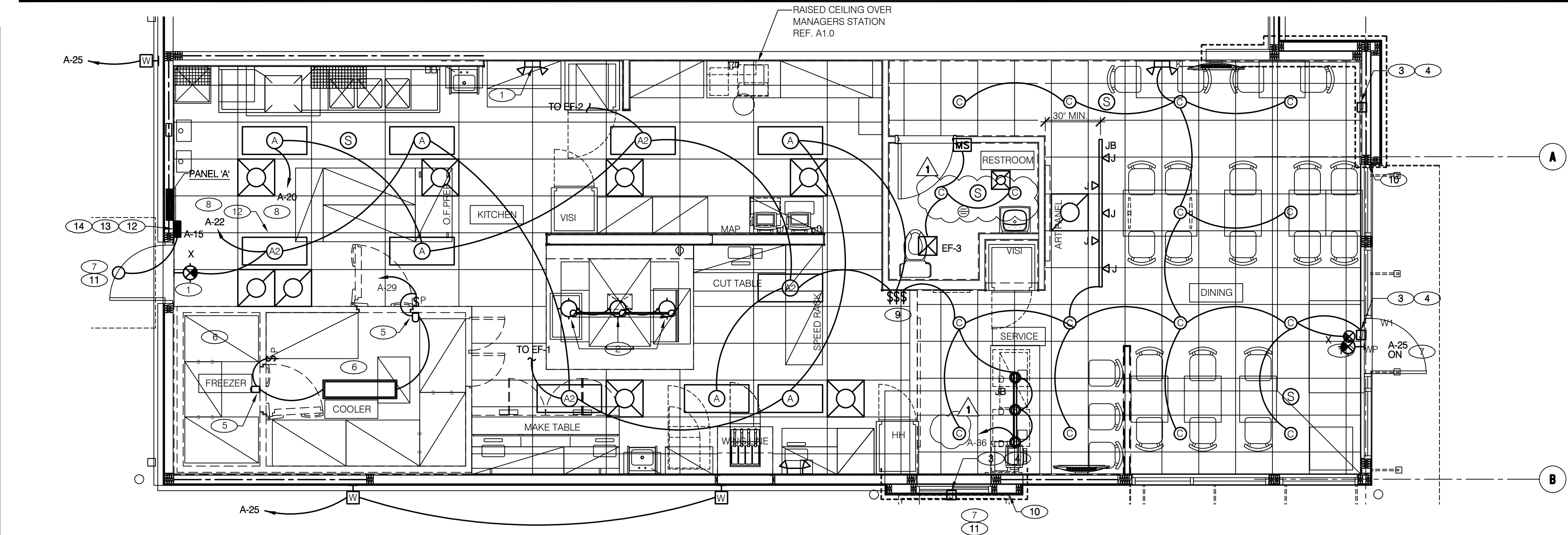
KEY NOTES

B



COMMUNICATIONS AND SECURITY PLAN

2



NO.	QUANT	LOCATION	MANUFACTURER / ITEM NUMBER	FIXTURE TYPE / BALLAST	#	LAMPS TYPE	MOUNTING	VOLTAGE	WATTAGE	REMARKS
A	7	KITCHEN	PHILIPS/ DAY2TG-48L-840-4-FS-02F-UNV	2' X 4' TROFFER / ELECTRONIC	1	LED	LAY-IN GRID	120	35	ACRYLIC LENS
A2	4	KITCHEN/ENTRY	PHILIPS/ DAY2TG-48L-840-4-FS-02F-UNV-EMLED	2' X 4' TROFFER / ELECTRONIC	1	LED	LAY-IN GRID	120	35	ACRYLIC LENS
C	13	ENTRY	CREE / CR6-6-800L-27K-12-E26	DOWNLIGHT	1	LED	CEILING	120	12	TRIM: BLACK
D	3	ENTRY	ACCUSERV / ITEM: F3592-31	PENDANT	1	60W. MED. BASE	CEILING	120	60	FINISH: BLACK
K	0	KITCHEN/ENTRY	LITHONIA / LHQM S W 3 R	LED EXIT / FLOOD LIGHTS	-	SUPPLIED W/ FIXTURE	BACKPLATE / WALL	120	3	EXIT FIXTURE WITH EMERGENCY BATTERY. SEE LIGHTS FIXTURE SCHEDULE NOTE #2.
J	5	ENTRY	ACCUSERV / ITEM: 2001-001	LIGHT HEADS	1	PAR20 LED	TRACK	120	8	FINISH: BLACK
JB	2	ENTRY	ACCUSERV / 6048BK	4' TRACK	-	N/A	CEILING	N/A	N/A	FINISH: BLACK
X	3	KITCHEN/ENTRY	LITHONIA / LHQMSW3RHORO	LED EXIT / FLOOD LIGHTS	-	SUPPLIED W/ FIXTURE	BACKPLATE / WALL	120	3	EXIT FIXTURE WITH EMERGENCY BATTERY. SEE LIGHTS FIXTURE SCHEDULE NOTE #2.
W	4	EXTERIOR	RAB LIGHTING/ WPLED-10-Y	EXTERIOR WALL PACK BRONZE	1	LED	WALL	120	10	SURFACE MOUNT FIXTURE
W1	0	EXTERIOR	ACCUSERV #ELATNXN0806	TWIN REMOTE HEADS	1	PAR 36	WALL	6	8	SURFACE MOUNT FIXTURE AT 138" AFF TO CENTER

(ALL FIXTURES AND LAMPS SUPPLIED BY OWNER)

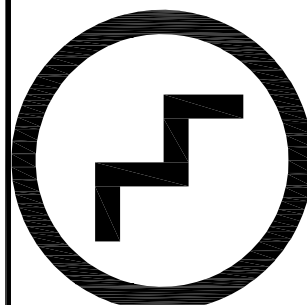
(ALL FIXTURES INSTALLED BY CONTRACTOR)

LIGHTING PLAN

1/4" = 1'-0"

1

McIntosh

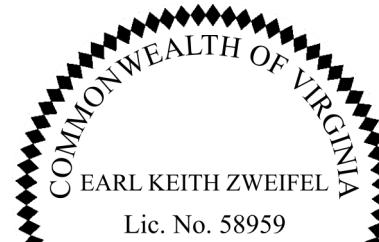


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THIS SHEET IS PART OF THE COMMUNICATIONS AND SECURITY PLAN. IT IS TO BE USED IN CONJUNCTION WITH THE OTHER SHEETS OF THE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL EQUIPMENT AND MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL EQUIPMENT AND MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND MAINTENANCE OF ALL EQUIPMENT AND MATERIALS.



Earl Keith Zweifel
Lic. No. 58959
Professional Engineer
7/15/19

6/3/19 DESIGN COMMENTS

CONTRACT DATE: 05.08.19
BUILDING TYPE: DELCO LITE
PLAN VERSION: 01.29.16
SITE NUMBER: XXXXXX
STORE NUMBER: XXXXX

PIZZA HUT

170 GATE CITY HIGHWAY
BRISTOL, VA 24201



DELCO LITE
001.03.00

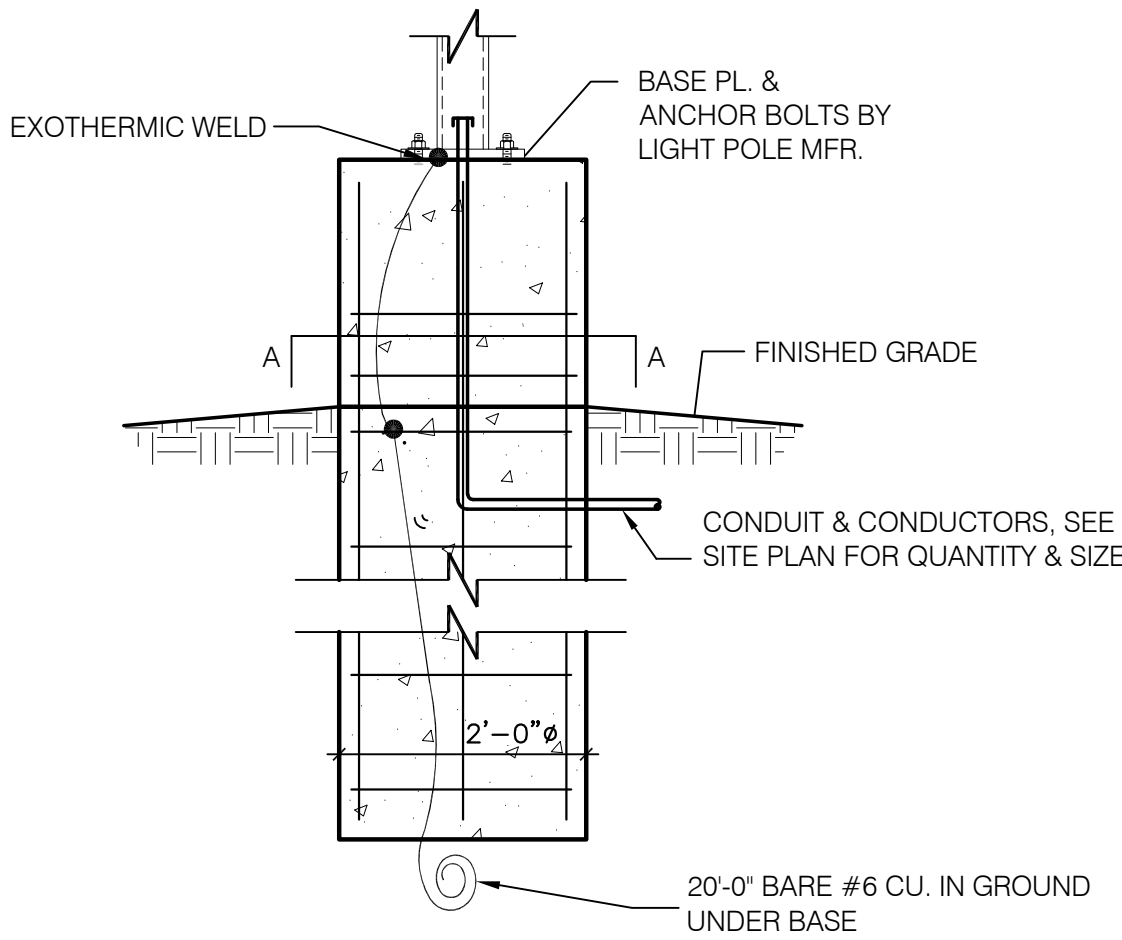
ELECTRICAL
POWER PLAN

E2.0

PLOT DATE: 05.09.19

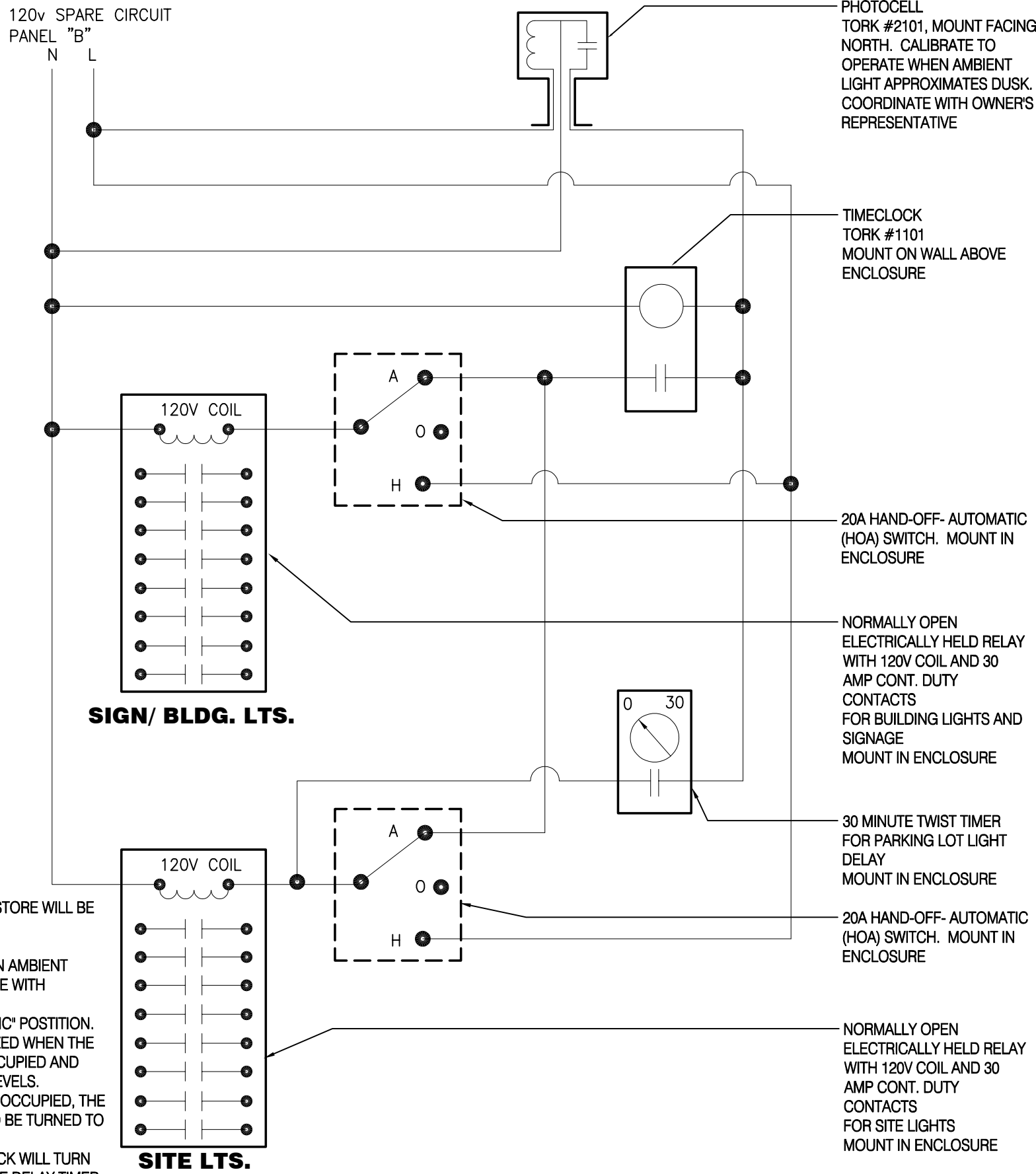
LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	LAMPS	FIXTURE VOLTS	FIXTURE WATTS	MOUNTING	DESCRIPTION
M	RAB LIGHTING	FFLED52	LED	120	52	GROUND	EXTERIOR LED FLOOD LIGHT



POLE BASE GROUNDING DETAIL

5



SEQUENCE OF OPERATIONS:
* SET TIME CLOCK FOR THE HOURS THE STORE WILL BE OCCUPIED. COORDINATE WITH OWNERS REPRESENTATIVE.
* ADJUST PHOTOCELL TO ACTIVATE WHEN AMBIENT LIGHT APPROXIMATES DUSK - COORDINATE WITH OWNERS REPRESENTATIVE
* SET BOTH SWITCHES TO THE 'AUTOMATIC' POSITION. SIGNS AND LIGHTS WILL NOW BE ENERGIZED WHEN THE TIME CLOCK INDICATES THE STORE IS OCCUPIED AND THE PHOTOCELL INDICATES LOW LIGHT LEVELS.
* WHEN THE STORE CLOSES BUT IS STILL OCCUPIED, THE SIGNS/ BUILDING LIGHTS SWITCH SHOULD BE TURNED TO 'OFF' TO EXTINGUISH THESE LIGHTS.
* WHEN THE CREW LEAVES THE TIMECLOCK WILL TURN OFF ALL EXTERIOR LIGHTS - THE 30 MINUTE DELAY TIMER IS USED TO PROVIDE POWER TO THE SITE LIGHTS FOR ENOUGH TIME TO ALLOW THE CREW TO LEAVE SAFELY.

EXTERIOR LIGHTING CONTROL RELAY

N.T.S.

4

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (NEC), THE AMERICANS WITH DISABILITIES ACT (ADA), AND ALL STATE AND LOCAL REQUIREMENTS AND CODES.
- REFER TO RELATED ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
- REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
- ALL MOUNTING HEIGHTS TO CENTERLINE OF ITEM UNLESS OTHERWISE NOTED. VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
- THE OWNER OR KITCHEN EQUIPMENT SUPPLIER MAY SUBSTITUTE EQUIPMENT OR THE EQUIPMENT MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
- SEPARATE GREEN GROUND CONDUCTOR SHALL BE ROUTED IN ALL CONDUITS WITH ALL PHASE CONDUCTORS.
- ISOLATED GROUND FOR P.O.S. SYSTEM SHALL BE CONTINUOUS FROM LAST OUTLET TO PANEL. DEDICATED CIRCUIT WITH SEPARATE ISOLATED GROUND WITH LESS THAN 0.5 OHM IMPEDANCE. TERMINATE AT NEUTRAL TO GROUND BUSS BAR INSIDE THE MAIN SOURCE PANEL.
- ALL MECHANICAL EQUIPMENT SHALL BE COMPLETELY CONNECTED BY ELECTRICAL CONTRACTOR INCLUDING BOTH POWER AND CONTROL WIRING. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR THE REQUIREMENTS ASSOCIATED WITH WIRING AND CONNECTION OF INTERLOCKING AND CONTROLS OF MECHANICAL UNITS AND THERMOSTAT LOCATIONS.
- BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT HOME RUNS FOR CLARITY ONLY. ELECTRICAL CONTRACTOR MAY GROUP SINGLE POLE BRANCH CIRCUITS IN MULTIPLE CIRCUIT HOME RUNS. (3 CIRCUITS MAXIMUM AT 120/208V, 3 PH., 2 CIRCUITS MAXIMUM AT 120/240V, 3 PH. AND 1 PH.). A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CONDUITS.

- ALL EXTERIOR CONDUIT FOR ROOF MOUNTED EQUIPMENT AND WIRING SHALL BE MINIMIZED BY ROUTING IN CEILING SPACE. NO EXTERIOR CONDUIT WILL BE ACCEPTED.
- ALL CONDUITS SHALL BE CONCEALED IN WALL SPACE, CEILING SPACE OR UNDER FLOOR, EXCEPT IN AREAS WITH EXPOSED STRUCTURE.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CONDUIT FOR LOW VOLTAGE WIRING, LABEL CONDUIT TO IDENTIFY ITS INTENDED USE (I.E.: CONTROL, SECURITY SYSTEM, PHONE, DATA, ETC.).
- COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING.
- SEE ELECTRICAL EQUIPMENT CONNECTION SCHEDULE FOR CONDUIT AND WIRE SIZE.
- FINAL CONNECTION TO ALL DIRECT CONNECTED KITCHEN EQUIPMENT SHALL BE WITH U.L. APPROVED LIQUIDTIGHT CONDUIT. PROVIDE WITH GROUND WIRE SIZED PER N.E.C. ART.250(2008).
- BUILDING SIGNAGE CONNECTIONS INDICATED ON LIGHTING PLAN.
- WIRE CONNECTION FROM JUNCTION BOX TO LAY-IN LIGHT FIXTURES MAY BE ENCASED IN FLEXIBLE CONDUIT, 6'-0" MAXIMUM.
- ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ELECTRICAL DEVICES AND WIRING TO COMPLY WITH N.F.P.A. 96.7-3.1.3 FOR POWER SHUTOFF ON ALL ELECTRICAL EQUIPMENT UNDER OVEN HOOD. VERIFY INSTALLATION AND OPERATION REQUIREMENTS WITH EXTINGUISHING SYSTEM SUPPLIER. PROVIDE ONLY IF REQUIRED BY LOCAL CODE.

SITE ELECTRICAL PLAN

1"=20'-0"

1

- 1" C. - 3 #10, #10 GRD. (TYP. FOR ENTIRE CIRCUIT.)
- REFER TO CIVIL SHEETS. COORDINATE W/ LOCAL UTILITY CO.
- (1) SET OF (4) 500 KCML IN (1) 4" CONDUIT FROM UTILITY COMPANY TRANSFORMER. SEE CIVIL SITE UTILITY DRAWINGS FOR ADDITIONAL INFORMATION. EXACT LOCATION AND REQUIREMENTS MUST BE VERIFIED WITH UTILITY COMPANY.
- UTILITY COMPANY PAD MOUNTED TRANSFORMER. REFER TO CIVIL SHEETS FOR ADDITIONAL INFORMATION. VERIFICATION WITH UTILITY CO. REQUIRED FOR TRANSFORMER SIZE AND CONNECTION REQUIREMENTS.
- ELECTRICAL SERVICE ENTRANCE EQUIPMENT. SEE ELECTRICAL SERVICE RISER FOR ADDITIONAL INFORMATION.
- PYLON SIGN.
- 120V, 1P/30 AMP NEMA 3R NON FUSED DISCONNECT MOUNTED TO BASE OF SIGN.
- UNDERGROUND TELEPHONE SERVICE. REFER TO CIVIL SHEETS FOR LOCATION AND ROUTING. VERIFY AND COORDINATE ALL REQUIREMENTS WITH UTILITY CO.
- CIRCUIT VIA BUILDING LIGHTING CONTACTOR PANEL. SEE DETAIL 4 THIS SHEET FOR ADDITIONAL INFORMATION.
- E.C. TO PROVIDE A 20A/1P WEATHER PROOF, GFI DUPLEX RECEPTACLE WITH 'IN-USE' COVER FOR SIGN SERVICE.
- 1" C, 2 #10, #10 GRD. (TYP. FOR ENTIRE CIRCUIT)
- GROUND MOUNTED LED FLOOD LIGHT - AS APPROVED BY OWNER. FINISH AND LOCATION TO BE COORDINATED WITH LANDSCAPING AND OWNER.

ELECTRICAL SITE PLAN NOTES

2

ELECTRICAL KEY NOTES

3

[illegible][illegible]

PIZZA HUT
170 GATE CITY HIGHWAY
BRISTOL, VA 24201



ELECTRICAL PHOTOMETRIC

ES1.1

PLOT DATE: 05.09.19

Calculation Summary					
Label	Avg	Max	Min	Avg/Min	Max/Min
EXTENDED	1.31	6.0	0.0	N.A.	N.A.
PARKING LOT & DRIVE-THRU SURFACE	3.17	6.0	1.5	2.11	4.00

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

