CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547
Hill/Gray Seven, LLC
07/25/25

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DESCRIPTION OF WORK

THIS WORK IS FOR A SHELL RENOVATION / INTERIOR DEMOLTION OF A COMMERCIAL BUILDING OF APPROXIMATELY 4,128 GSF.

THE SCOPE OF WORK IS FOR AN INTERIOR DEMOLITION OF AN EXISTING DENTAL OFFICE, WHICH INCLUDES REMOVING ALL EXISTING FINISHES, EQUIPMENT, CEILING, MECHANICAL, ELECTRICAL, AND PLUMBING DEVICES. DEMOLITION SCOPE ALL INCLUDES REMOVING EXTERIOR FINISHES, AND ENTIRE DRIVE UP CANOPY FROM PREVIOUS BANK OCCUPANCY. THE EXISTING CMU WALLS AND TRUSSES WILL REMAIN WITH ADJUSTMENTS AS NEEDED FOR NEW USE. THE NEW WORK INCLUDES BUT IS NOT LIMITED TO NEW/ADJUSTED SLABS AND FOOTINGS, NEW ENTRY 'TOWER' ELEMENT, NEW REAR 'TOWER' THAT WILL SCREEN NEW ROOF EQUIPMENT, AND ADJUSTMENTS TO ELECTRICAL, MECHANICAL, AND PLUMBING SERVICES FOR FUTURE USE

THE SCOPE OF WORK DOES NOT INCLUDE INTERIOR BUILDOUT, WHICH WILL BE SUBMITTED UNDER SEPARATE COVER,

THE PROPOSED FUTURE USE IS AN ASSEMBLY OCCUPANCY, WHICH IS CONSISTENT WITH THE ZONING OF THE PROPERTY.

SITE INFORMATION

PROJECT LOCATION

VICINITY MAP

PROJECT DIRECTORY

ARCHITECTURAL	STRUCTURAL	PLUMBING	ELECTRICAL	CLIENT
CPH CONSULTING, LLC. MARK ADAMS, AIA, NCARB 1011 E COLONIAL DR #307 ORLANDO, FL (407) 745-5300 MADAMS@CPHCORP.COM	CPH CONSULTING, LLC. JOSE ORTIZ, P.E. 500 WEST FULTON STREET SANFORD, FLORIDA 32771 (407) 322-6841 JORTIZ@CPHCORP.COM	CONSTRUCTION ENGINEERING GROUP, LLC KEITH PRZECLAWSKI, P.E. 2651 W. EAU GALLIE BLVD., SUITE A MELBOURNE, FL 32935 (321) 610-1749 KPRZECLAWSKI@CEGENGINEERING.COM	CONSTRUCTION ENGINEERING GROUP, LLC DAVID ALLEY, P.E. 2651 W. EAU GALLIE BLVD., SUITE A MELBOURNE, FL 32935 (321) 610-1749 DALLEY@CEGENGINEERING.COM	HILL/GRAY SEVEN, LLC DREW HILL, CCIM 415 S ORLANDO AVE, SUITE 221 WINTER PARK, FL 32789 (407) 588-2124 DREW@HILLGRAYSEVEN.COM

CERTIFICATION

TO THE BEST OF THE DESIGN PROFESSIONAL'S KNOWLEDGE THE INFORMATION, AND BELIEF, THIS DESIGN IS IN COMPLIANCE WITH APPLICABLE CODES AND LAWS.

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Plans Prepared By :
CPH Consulting, LLC.
JURISDICTION: HILLSBOROUGH COUNTY
QUALIFYING AGENT
LICENSE No. AR92948

REVISION | DATE | NO.

PROJECT STATUS

Designed:	CPH
Drawn:	AM
Checked:	ML
Project No.:	2500049
Issue Date:	07/25/25

COVER SHEET

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND

Sheet No.
G000

FLORIDA GENERAL NOTES

1. THE ATTACHED DRAWING PACKAGE HAS BEEN TRANSMITTED AS A SINGLE DOCUMENT CONSISTING OF MULTIPLE, INTERRELATED COMPONENTS AND, IN SOME CASE, DISCIPLINES. ANY SEPARATION AND/OR BREAKING APART OF ANY INDIVIDUAL COMPONENTS AND/OR DISCIPLINES OF THIS SINGLE DOCUMENT BY THE OWNER, GENERAL CONTRACTOR, AND/OR SUBCONTRACTOR FOR THE PURPOSES SUCH AS, BUT NOT LIMITED TO BIDDING, ESTIMATING, PERMITTING, ETC. IN NO WAY RELIEVES THE RECIPIENT OF THE ORIGINAL SINGLE DOCUMENT FROM BEING RESPONSIBLE FOR ALL INFORMATION CONTAINED WITHIN THE ORIGINAL SINGLE DOCUMENT IN SUCH ACTIVITIES. RECEIPT OF THESE DOCUMENTS CONSTITUTES THE ACCEPTANCE OF THESE TERMS AND CONDITION BY THE RECIPIENT.

2. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AND LOCAL RESTRICTIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK.

3. THE OWNER / TENANT, ARCHITECT, CONSULTANTS AND ALL INSPECTORS FROM ANY AGENCIES HAVING JURISDICTION OVER THE WORK SHALL BE PERMITTED ACCESS TO THE JOB SITE AT ALL TIMES DURING NORMAL WORKING HOURS.

4. ALL COSTS FOR INSPECTIONS AND / OR TESTS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR UNLESS NOTED OTHERWISE.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ISSUING COMPLETE SETS OF THE CONTRACT DOCUMENTS AND DESCRIPTION OF THE SCOPE OF WORK TO EACH OF THE SUBCONTRACTORS, PERSONS, OR ENTITIES FOR BIDDING, COORDINATION AND EXECUTION OF THEIR WORK.

6. ALL REFERENCES TO THE TERM 'CONTRACTOR' INCLUDE THE GENERAL CONTRACTOR AND SUBCONTRACTORS

7. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE WORK OF ALL SUB-CONTRACTORS AND SHALL PERFORM SUCH MISCELLANEOUS WORK AS WHICH MAY BE NECESSARY FOR THE COMPLETION OF THE WORK. IT IS EXPECTED THAT THE GENERAL CONTRACTOR SHALL ALSO CLOSELY COORDINATE THE WORK WITH THAT OF ALL OTHER VENDORS RETAINED BY THE OWNER / TENANT TO ASSURE THAT ALL SCHEDULES ARE MET AND WORK PROCEEDS WITHOUT DELAY.

8. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS SHALL ATTEND JOB MEETINGS AS REQUIRED BY CONTRACT.

9. ALL WORK SHALL BE EXECUTED IN A WORKMANLIKE MANNER BY MECHANICS AND TRADES PERSONS SKILLED IN THEIR RESPECTIVE TRADES AND IN ACCORDANCE WITH THE BEST ACCEPTED TRADE PRACTICES.

10. THE GENERAL CONTRACTOR SHALL CONFIRM THE AVAILABILITY AND DELIVERY TIMES FOR ALL SPECIFIED MATERIALS AND EQUIPMENT REQUIRED TO PERFORM THE WORK UPON RECEIPT OF THE CONSTRUCTION DOCUMENTS. SHOULD THE AVAILABILITY OF SPECIFIED ITEMS DELAY THE ON-TIME COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND OWNER / TENANT IMMEDIATELY AND PROPOSE AN EQUIVALENT SUBSTITUTION TO BE REVIEWED BY THE ARCHITECT AND OWNER / TENANT.

11. THE CONTRACTOR SHALL MAINTAIN ON SITE ONE RECORD COPY OF ALL DRAWINGS, PERMITS, SUBMITTALS AND SAMPLES IN AN ORDERED STATE CONSISTENT WITH THE CONSTRUCTION DOCUMENTS ON WHICH TO RECORD ALL CHANGES DURING CONSTRUCTION. ACCESS TO THESE SHALL BE PROVIDED FOR THE USE OF ALL TRADES, OWNER / TENANT AND ARCHITECT DURING ALL PHASES OF CONSTRUCTION.

12. DURING THE COURSE OF CONSTRUCTION, ACTUAL LOCATIONS FOR ALL RUNS OF MECHANICAL AND ELECTRICAL WORK INCLUDING CONCEALED WORK WHICH DEVIATES FROM THE DRAWINGS SHALL BE INDICATED TO SCALE IN RED INK ON THE OWNER / TENANT'S RECORD DRAWINGS. UPON COMPLETION OF THE PROJECT, INCLUDING ALL PUNCH LIST ITEMS, THIS INFORMATION SHALL BE NEATLY TRANSFERRED BY THE CONTRACTOR TO A SET OF DRAWINGS WHICH SHALL BE MARKED "AS BUILT SET". COPIES SHALL BE PROVIDED TO BOTH THE OWNER / TENANT, ARCHITECT AND STORED ON SITE AT THE LOCATION AND IN THE MANNER INDICATED IN THE CONSTRUCTION DOCUMENTS. WITHIN THREE (3) WEEKS (15 BUSINESS DAYS) OF THE RECEIPT OF THE "AS BUILT SET," APPROVAL FOR FINAL PAYMENT TO THE CONTRACTOR SHALL BE GRANTED OR A REASONABLE CAUSE SHOWN WHY SUCH APPROVAL HAS BEEN DENIED.

13. PRIOR TO THE COMPLETION OF THE WORK, THE GENERAL CONTRACTOR SHALL ASSEMBLE AND FURNISH THE CLIENT A COMPLETE SET OF MANUFACTURERS` CATALOG, OPERATING INSTRUCTIONS, START-UP CHECK LISTS, MAINTENANCE INSTRUCTIONS AND SIMILAR DATA AS WELL AS ALL GUARANTEES AND / OR WARRANTEES FOR ALL EQUIPMENT AND OPERABLE DEVICES FURNISHED OR INSTALLED BY THE GENERAL CONTRACTOR UNDER THIS CONTRACT AND SHALL ORIENT AND INSTRUCT THE PERSONNEL DESIGNATED BY THE OWNER / TENANT IN THE OPERATION OF ALL SUCH EQUIPMENT.

14. THE GENERAL CONTRACTOR AND ALL SUB-CONTRACTORS SHALL CARRY PROPERTY DAMAGE AND PUBLIC LIABILITY INSURANCE AS REQUIRED BY ANY GOVERNING AGENCIES HAVING JURISDICTION AND COMPLYING WITH STATUTORY REQUIREMENTS FOR DISABILITY AND WORKMEN'S COMPENSATION AND AS REQUIRED BY CONTRACT.

15. EXISTING CONDITIONS NOT A PART OF THIS PERMIT ARE INDICATED IN THE DRAWINGS AS A SCREENED OR HALF-TONED IMAGE.

16. THE EXISTING CONSTRUCTION SHOWN IS PER-EXISTING DRAWINGS AND FIELD VERIFICATION. IT IS UP TO THE GENERAL CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. SHOULD ANY DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS ARISE RESULTING FROM THE GENERAL CONTRACTOR'S FIELD INVESTIGATIONS AND INSPECTIONS, SUCH DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF ANY WORK. EXISTING CONSTRUCTION CONDITIONS IN AREAS WHERE NEW WORK IS NOT PLANNED MAY NOT BE COMPLETELY SHOWN.

17. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND APPROVALS BY LOCAL AUTHORITIES HAVING JURISDICTION OVER THE PROJECT. PROVIDE COPIES OF ALL TRANSACTIONS TO OWNER.

18. ALL REQUIRED PERMITS MUST BE OBTAINED FROM THE DEPARTMENT HAVING JURISDICTION PRIOR TO THE COMMENCEMENT OF ANY WORK.

19. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER ALL CONSTRUCTION MEANS, TECHNIQUES, PROCEDURES AND COORDINATION OF ALL PORTIONS OF THE WORK REQUIRED BY THE CONTRACT DOCUMENTS.

20. CONTRACTOR SHALL FULLY FAMILIARIZE HIMSELF WITH THE CONDITIONS OF THE CONTRACT, LOCAL CONDITIONS RELATING TO LOCATION, ACCESSIBILITY, AND GENERAL CHARACTER OF THE CONSTRUCTION SITE AND LOCAL LABOR CONDITIONS SO THAT HE/SHE UNDERSTANDS THE NATURE, EXTENT, DIFFICULTIES AND RESTRICTIONS RELATED TO THE EXECUTION OF THIS WORK.

21. DO NOT SCALE DRAWINGS. IF A DIMENSION IS UNCLEAR OR NOT MARKED ON DRAWINGS, CONTACT THE ARCHITECT.

22. THE CONTRACTOR SHALL REPORT ANY INCONSISTENCIES, CONFLICTS OR OMISSIONS DISCOVERED TO THE ARCHITECT FOR INTERPRETATION PRIOR TO PERFORMING ANY WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY ERRORS AT NO ADDITIONAL COST TO THE ARCHITECT OR OWNER ONCE WORK HAS COMMENCED. THE MEANS OF CORRECTING THESE ISSUES SHALL BE APPROVED BY THE OWNER.

23. DIMENSIONS ARE TO FACE OF STUD, CONCRETE, OR MASONRY UNLESS NOTED OTHERWISE.

24. DOORS SHALL BE 8" FROM ADJACENT MASONRY WALLS, 4" FROM ADJACENT STUD WALLS OR CENTERED IN THE WALL IN WHICH IT OCCURS UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS SHALL GOVERN. ANY DIMENSIONAL DISCREPANCIES ENCOUNTERED SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY FOR CLARIFICATION PRIOR TO THE COMMENCEMENT OF THE ASSOCIATED WORK.

25. LARGER SCALE DRAWINGS SHALL GOVERN OVER SMALLER SCALE DRAWINGS.

26. INSTALL ALL EQUIPMENT AND MATERIALS PER MANUFACTURERS' RECOMMENDATIONS. ANY DIFFICULTIES OR DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT IMMEDIATELY PRIOR TO THE COMMENCEMENT OF THE ASSOCIATED WORK.

27. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO EXECUTE ALL WORK, EXCEPT WERE NOTED AS NOT IN CONTRACT.

28. MINOR DETAILS NOT SHOWN OR SPECIFIED BUT NECESSARY FOR PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED IN THE DRAWINGS UNLESS OTHERWISE AGREED UPON. WHERE THE CONTRACT, CONSTRUCTION NOTES OR DRAWINGS CALL FOR ANY WORK OF A MORE STRINGENT NATURE THAN THAT REQUIRED BY THE BUILDING CODE OR ANY OTHER ENTITY HAVING JURISDICTION OVER THE WORK, THE WORK OF THE MORE STRINGENT NATURE SHALL BE FURNISHED IN ALL CASES.

29. DETAILS ARE INTENDED TO SHOW THE INTENT OF THE DESIGN. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT FIELD CONDITIONS. THESE MODIFICATIONS SHALL BE INCLUDED AS PART OF THE WORK.

30. CHANGES IN THE SCOPE OF WORK OR IN CONSTRUCTION DETAILS, WHETHER DUE TO FIELD CONDITIONS OR OMISSIONS BY THE GENERAL CONTRACTOR, ARCHITECT OR OWNER / TENANT, SHALL BE DOCUMENTED BY THE ARCHITECT AND APPROVED PRIOR TO EXECUTION.

31. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING SITE LIGHTING, SIGNAGE LIGHTING, AND EXTERIOR BUILDING LIGHTING. (SEE SITE, CIVIL, AND ELECTRICAL DRAWINGS)

32. THE GENERAL CONTRACTOR SHALL KEEP A COPY OF THE SOILS REPORT ON SITE. ALL CONSTRUCTION WORK SHALL COMPLY WITH ITS RECOMMENDATIONS / REQUIREMENTS.

33. THE GENERAL CONTRACTOR SHALL CREATE AND IMPLEMENT AN EROSION AND SEDIMENTATION CONTROL PLAN FOR ALL SITE CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE PROJECT. THE PLAN MUST CONFORM TO THE EROSION AND SEDIMENTATION REQUIREMENTS OF THE 2017 ENVIRONMENTAL PROTECTION AGENCY'S CONSTRUCTION GENERAL PERMIT OR LOCAL STANDARDS AND CODES, WHICHEVER IS MORE STRINGENT.

34. NEITHER THE ARCHITECT NOR ANY OF THEIR CONSULTANTS HAVE EVALUATED THE SITE FOR EXISTING SOIL CONTAMINATION, HAZARDOUS MATERIAL OR TOXIC WASTE. THEREFORE, THE ARCHITECT OR THEIR CONSULTANTS SHALL NOT BE HELD RESPONSIBLE FOR THE EXISTING CONTAMINATED, HAZARDOUS OR TOXIC CONDITIONS DISCOVERED AT THE SITE.

35. THE CONTRACTOR IS RESPONSIBLE FOR CONNECTING UTILITY LINES TO THE BUILDING (REF. M/E/P/FP DRAWINGS). IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES AND SERVICES, WHETHER SHOWN HEREIN OR NOT AND TO PROTECT THEM FROM DAMAGE THROUGHOUT THE COURSE OF THIS WORK.

36. THE CONTRACTOR SHALL BEAR ALL EXPENSES OF REPAIR OR REPLACEMENT OF UTILITIES, SERVICES, OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE PERFORMANCE OF THIS WORK.

37. GENERAL CONTRACTOR SHALL PROVIDE PROTECTION AS NECESSARY TO PREVENT VANDALISM AND LOSS OF MATERIALS BY THEFT OR DAMAGE SUSTAINED DUE TO EXPOSURE TO INAPPROPRIATE ENVIRONMENTAL CONDITIONS. GENERAL CONTRACTOR WILL REPAIR AND REPLACE ANY DAMAGE OR LOSS AT THE GENERAL CONTRACTOR'S EXPENSE WITHOUT CHARGE TO THE OWNER.

38. OF THE INEVITABLE WASTE THAT IS GENERATED, AS MANY OF THE WASTE MATERIALS AS ECONOMICALLY FEASIBLE SHALL BE REUSED, SALVAGED OR RECYCLED. THE GENERAL CONTRACTOR SHALL COORDINATE WASTE MATERIALS HANDLING AND SEPARATION FOR ALL TRADES. RECYCLABLE MATERIALS CAN BE COMMINGLED IN DUMPSTERS ON-SITE AS LONG AS PROVISION IS MADE FOR HAULING TO A TRANSFER STATION WHERE SEPARATION WILL OCCUR. TRANSFER STATION MUST PROVIDE DOCUMENTATION REPORTING TYPES OF MATERIALS SEPARATED BY LOAD AND PERCENTAGE OF EACH LOAD. FINAL DESTINATION OF SORTED MATERIALS MUST ALSO BE REPORTED. DIVERSION GOALS: A MINIMUM OF 75% OF TOTAL PROJECT WASTE SHALL BE DIVERTED FROM LANDFILL. THE FOLLOWING WASTE CATEGORIES, AT A MINIMUM, SHALL BE DIVERTED FROM LANDFILL:

a. CLEAN DIMENSIONED WOOD, PALLET WOOD;
b. PLYWOOD, ORIENTED STRAND BOARD AND PARTICLEBOARD;
c. CONCRETE.
d. CARDBOARD, PAPER, PACKAGING AND METALS;
e. GYPSUM DRYWALL - UNPAINTED;
f. ACOUSTIC TILE;
g. PAINT;
h. GLASS;
i. PLASTICS;
j. CARPET AND PAD;
k. BEVERAGE CONTAINERS.

39. THE GENERAL CONTRACTOR SHALL MAKE ALL ARRANGEMENTS, MAINTAIN AND PAY ALL COSTS FOR TEMPORARY WATER, PLUMBING, POWER, LIGHTING, HEATING OR VENTILATION REQUIRED TO PROPERLY CONDUCT THE WORK.

40. FOR ALL MATERIALS PURCHASED, THE GENERAL CONTRACTOR SHALL FURNISH MATERIALS WHICH YIELD THE HIGHEST PERCENT OF PRE-CONSUMER (POST-INDUSTRIAL) AND POST-CONSUMER RECYCLED CONTENT. THE CONTRACTOR SHALL FURNISH THESE MATERIALS WITHIN THE PARAMETERS OF THE BUDGET AND SHALL NOT PURCHASE ANY COST ADDING MATERIAL OR PAY A PREMIUM (MORE THAN FAIR MARKET VALUE) WITHOUT OWNER / TENANT ACKNOWLEDGEMENT AND APPROVAL.

41. FOR ALL MATERIALS PURCHASED, THE GENERAL CONTRACTOR SHALL FURNISH MATERIALS MANUFACTURED WITHIN A 500 MILE RADIUS OF THE PROJECT SITE WHERE AVAILABLE, WITHIN BUDGET, WITHIN FAIR MARKET VALUE AND DO NOT RISK TO THE PROJECT SCHEDULE;

42. THE GENERAL CONTRACTOR SHALL PREPARE SUBMITTALS FOR REVIEW BY THE ARCHITECT FOR ALL MATERIALS AND EQUIPMENT SPECIFIED. IF THE GENERAL CONTRACTOR, OWNER / TENANT, OR OWNER / TENANT `S REPRESENTATIVE SUBSTITUTES A MATERIAL, METHOD OF ATTACHMENT, REVISES A CONSTRUCTION DETAIL OR IN ANY WAY ALTERS THE WORK SUCH THAT IT NO LONGER CONFORMS TO THESE DOCUMENTS WITHOUT THE WRITTEN ACCEPTANCE OF THE ARCHITECT, SUCH ACTION CONSTITUTES ACCEPTANCE OF FULL LIABILITY BY THE GENERAL CONTRACTOR OF ANY AND ALL COMPONENTS, SYSTEMS OR ITEMS AFFECTED BY THE SUBSTITUTION. FURTHER, SUCH SUBSTITUTION WILL RELIEVE THE ARCHITECT OF ANY RESPONSIBILITY OR LIABILITY INCLUDING, BUT NOT LIMITED TO, AESTHETIC CONSEQUENCES, SUBSEQUENT FAILURE(S) AND PERSONAL OR PROPERTY DAMAGE ATTRIBUTABLE TO THIS CHANGE.

43. REVIEW OF A SPECIFIC ITEM SHALL NOT INCLUDE REVIEW OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.

44. SUBMITTALS THAT CONTAIN EXCESSIVE ERRORS OR ARE INCOMPLETE OR INADEQUATE MAY BE RETURNED WITHOUT ACTION. COSTS INCURRED FOR THE RESULTANT DELAYS WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

45. REVIEW OF SUBMITTALS SHALL NOT RELIEVE THE GENERAL CONTRACTOR OF OBLIGATIONS OR RESPONSIBILITIES FOR DEVIATIONS FROM THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS UNLESS THE ARCHITECT IS NOTIFIED AND SPECIFICALLY APPROVES OF, IN WRITING, THE DEVIATIONS AT THE TIME OF SUBMISSION.

46. REVIEW OF SUBMITTALS SHALL NOT RELIEVE THE GENERAL CONTRACTOR `S OBLIGATION FOR COORDINATION NOR WAIVE RESPONSIBILITY FOR ERRORS AND OMISSIONS IN THE SUBMITTALS INCLUDING, BUT NOT LIMITED TO, FIELD VERIFICATION AND MEASUREMENTS.

47. THE GENERAL CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS FOR THE DURATION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL PROVIDE PUBLIC PROTECTION AS NECESSARY AND REQUIRED BY GOVERNING AGENCIES HAVING JURISDICTION UNTIL OWNER / TENANT ACCEPTANCE OF THE PREMISES.

48. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, IMPLEMENTATION AND MAINTENANCE OF ALL BRACING, SHORING, ENCLOSURES, BARRIERS, SCAFFOLDING OR ANY OTHER TEMPORARY CONSTRUCTION REQUIRED TO PROVIDE A SAFE WORKING ENVIRONMENT AS DICTATED BY SITE CONDITIONS, THE PROGRESSION OF WORK AND ANY APPLICABLE CODES OR STANDARDS HAVING JURISDICTION OVER THE WORK.

49. THE GENERAL CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE LANDLORD, TENANT AND ARCHITECT AGAINST ANY AND ALL CLAIMS AND DEMANDS FOR THE DAMAGE TO THE PROPERTY OF ANY PERSON, FIRM OR INDIVIDUAL OR FOR PERSONAL INJURIES (INCLUDING DEATH) ARISING OUT OF OR SUFFERED WHILE ENGAGED IN, OR CAUSED IN WHOLE OR IN PART, BY THE EXECUTION OF THE WORK; THE CONTRACTOR SHALL WELL AND TRULY DEFEND THE LANDLORD, TENANT AND ARCHITECT AND SHALL PAY ALL MONIES AWARDED FOR SUCH DAMAGES OR INJURIES (INCLUDING DEATH), ALL COSTS INCLUDING REASONABLE ATTORNEY'S FEES SUSTAINED AND SHALL OBTAIN A FULL ACQUAINTANCE AND RELEASE IN FAVOR OF THE LANDLORD, TENANT AND ARCHITECT, UNLESS SUCH LIABILITY RESULTS SOLELY FROM THE NEGLIGENCE OF THE LANDLORD, TENANT, ARCHITECT, ITS AGENTS OR EMPLOYEES.

50. THE ARCHITECT SHALL NOT BE HELD RESPONSIBLE FOR THE PERFORMANCE OF ANY WORK, THE MEANS AND METHODS OF CONSTRUCTION CHOSEN BY THE CONTRACTOR OR ANY SUB-CONTRACTORS, NOR SHALL THE ARCHITECT GUARANTEE THE PERFORMANCE OF THEIR CONTRACTS.

51. THE GENERAL CONTRACTOR SHALL PERFORM DAILY CLEANING OF THE JOB SITE DURING THE CONSTRUCTION PERIOD AND SHALL PROTECT FINISHED WORK FROM DAMAGE. IMMEDIATELY PRIOR TO TENANT OCCUPANCY, THE CONTRACTOR SHALL PERFORM FINAL CLEANING OF THE WORK AREA INCLUDING, BUT NOT LIMITED TO, WET WIPING OF FURNITURE AND CASEWORK, WASHING AND WAXING OF ALL FLOORING REQUIRING SUCH CARE AND THE VACUUMING OF CARPET. ALL CLEANING SHALL BE IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.

52. UPON SUBSTANTIAL COMPLETION OF WORK THE GENERAL CONTRACTOR SHALL PREPARE A PUNCH LIST OF CORRECTIONS AND UNSATISFACTORY AND / OR INCOMPLETE WORK FOR REVIEW BY THE OWNER / TENANT AND ARCHITECT.

53. THE GENERAL CONTRACTOR AND EACH SUB-CONTRACTOR SHALL WARRANTEE ALL WORK PERFORMED UNDER THEIR RESPECTIVE CONTRACT(S) FOR A MINIMUM PERIOD OF ONE (1) YEAR. ALL DEFECTS IN THE WORK OCCURRING IN THE WARRANTEE PERIOD SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE LANDLORD, OWNER OR TENANT, WHICHEVER IS APPLICABLE.

54. IF REQUIRED, CONTRACTOR SHALL CONTRACT WITH A SPECIALTY ENGINEER LICENSED IN THE STATE OF FLORIDA FOR DESIGNING AN AUTOMATIC SPRINKLER SYSTEM COMPLYING WITH ALL APPLICABLE CODES. G.C. SHALL SUBMIT SPRINKLER DESIGN AND LAYOUT TO OWNER AND ARCHITECT FOR REVIEW PRIOR TO PURCHASE, INSTALLATION AND/OR CONSTRUCTION.

55. ALL EXTERIOR ELEMENTS, ASSEMBLIES, GLAZING, GLAZING SYSTEMS AND COMPONENTS INCLUDING CLADDING AND CONNECTIONS USED ON THIS WORK, SHALL MEET THE DESIGN WIND PRESSURES SPECIFIED IN COMPLIANCE WITH FBC 1609.1.2. CONTRACTOR SHALL PROVIDE WINDOW AND DOOR MANUFACTURERS TEST REPORTS AND INSTALLATION DETAILS AS PART OF PERMIT SUBMITTAL DOCUMENTATION. SUBMIT SHOP DWGS. OF ALL DOORS AND HARDWARE TO ARCHITECT FOR REVIEW.

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Plans Prepared By :
CPH Consulting, LLC.
JURISDICTION: HILLSBOROUGH COUNTY

Professional Seal

NO.	DATE	REVISION

PROJECT STATUS

Designed:	Designer
Drawn:	Author
Checked:	Checker
Project No.:	2500049
Issue Date:	07/25/25
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GENERAL NOTES

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

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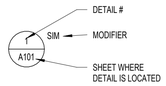
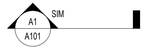
Sheet No.
G002

DRAWING SYMBOLS

REFERENCE SYMBOL (TYP.)

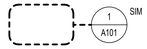


WALL SECTIONS



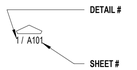
BUILDING SECTIONS

ENLARGEMENT REFERENCE

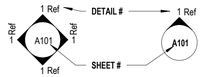


DETAIL SECTIONS

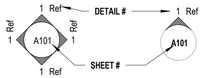
CASEWORK ELEVATION



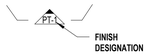
EXTERIOR ELEVATION



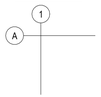
INTERIOR ELEVATION



ACCENT WALL FINISH TAG



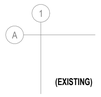
COLUMN GRID



DATUM

SPOT ELEVATION

ELEVATION LEVEL



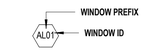
ROOM TAG

Room Name
101

DOOR TAG

WALL TAG

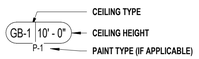
WINDOW TAG



WINDOW PREFIX LEGEND

AL	ALUMINUM WINDOW
HM	HOLLOW METAL WINDOW
SF	STOREFRONT
CW	CURTAINWALL
LV	LOUVER

CEILING TAG



NOTE BLOCK TAG (FOR KEYNOTE LEGEND)

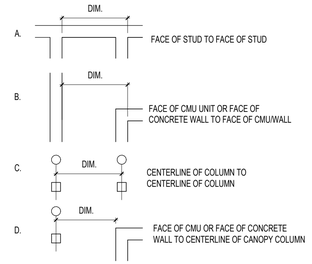
REVISION TAG

AREA TAG

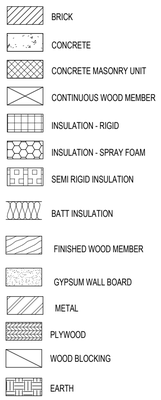
Area Name
150 SF

DIMENSIONING

1. DOORS NOT OTHERWISE DIMENSIONED SHALL BE:
   A. 8" FROM FACE OF ADJACENT MASONRY WALL TO ROUGH DOOR OPENING.
   B. 4" FROM FACE OF ADJACENT STUD WALL TO ROUGH DOOR OPENING.
2. SEE LARGE SCALE DETAILS FOR LOCATIONS AND ALIGNMENTS OF PARTITIONS NOT DIMENSIONED ON FLOOR PLANS.
3. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS ARE TAKEN FROM:



MATERIAL LEGEND



ABBREVIATIONS

&	AND
@	AT
A/E	ARCHITECT / ENGINEER
AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACOUST	ACOUSTICAL
ACT	ACOUSTIC CEILING TILE
AD	AREA DRAIN
AD	ACCESS DOOR
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR	AGGREGATE
AGP	ABOVE GRADE PLANE - STORY
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZED
APC	ACOUSTICAL PANEL CEILING
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASPH	ASPHALT
ATTN	ATTENTION
AUTO	AUTOMATIC
AV	AUDIOVISUAL
BD	BOARD
BIT	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BO	BOTTOM OF
BOB	BOTTOM OF BEAM
BOC	BOTTOM OF CURB
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BSMNT	BASEMENT
BUR	BUILT UP ROOFING
C	CHANNEL
C/C	CENTER TO CENTER
CAB	CABINET
CAT	CATEGORY
CB	CATCH BASIN
CB	CEMENT BOARD
CBU	CEMENTITIOUS BACKER UNIT
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CER	CERAMIC
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CG	CORNER GUARD
CH	CHILLER
CI	CAST IRON
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTERSUNK
CUST	CUSTODIAL
CW	COLD WATER
D	DEEP, DEPTH
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLISH OR DEMOLITION
DEMO	DEMOLITION
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DIMS	DIMENSIONS
DISP	DISPENSER
DIV	DIVISION
DMPF	DAMP PROOFING
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DTL	DETAIL
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
E	EAST
EA	EACH
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENG	ENGINEER
EP	ELECTRICAL PANEL
EPDM	ETHYLENE PROPYLENE DIENE M-CLASS
EQ	EQUAL
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FA	FIRE ALARM
FB	FACE BRICK
FD	FLOOR DRAIN OR FIRE DEPARTMENT
FDC	FIRE DEPARTMENT CONNECTION
FDVA	FIRE DEPARTMENT VEHICLE ACCESS
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FIXTURES AND EQUIPMENT
FFB	FLUSH FLOOR BOX
FFEL	FINISH FLOOR ELEVATION
FH	FULL HEIGHT OR FLAT HEAD
FHC	FIRE HOSE CABINET
FIN	FINISH
FIXT	FIXTURE
FLASH	FLASHING
FLR	FLOOR
FLUOR	FLUORESCENT
FND	FOUNDATION
FO	FACE OF OR FINISHED OPENING
FP	FIRE PROTECTION
FPG	FIREPROOFING
FR	FIRE RESISTANT
FRC	FIBER REINFORCED CONCRETE
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FS	FLOOR SINK
FSD	FIRE SEPARATION DISTANCE
FT	FEET/FOOT
FTG	FOOTING
FURN	FURNITURE
FURR	FURRING
FWC	FABRIC WALL COVERING
FWP	FABRIC WRAPPED PANEL
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GEN	GENERAL
GFRC	GLASS FIBER REINFORCED CONCRETE
GL	GLASS
GLAZ	GLAZING
GR	GRADE
GRAN	GRANULAR
GRD	GROUND
GRFG	GLASS FIBER REINFORCED GYPSUM
GSM	GALVANIZED SHEET METAL
GV	GAS VALVE
GWB	GYPSUM WALL BOARD
GYP	GYPSUM
H	HIG
HB	HOSE BIB
HC	HANDICAPPED OR HOLLOW CORE
HDWD	HARDWOOD
HDWR	HARDWARE
HGT	HEIGHT
HM	HOLLOW METAL
HNDRL	HANDRAIL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HRC	HOSE REEL CABINET
HT	HEIGHT
HTG	HEATING
HVAC	HEATING VENTILATION & AIR CONDITIONING
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCH/INCHES
INCAND	INCANDESCENT
INCL	INCLUDED/INCLUDING
INFO	INFORMATION
INSUL	INSULATED OR INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
KIT	KITCHEN
KO	KNOCK OUT
LAM	LAMINATE
LAV	LAVATORY
LB	POUND
LF	LINEAR FEET
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LT	LIGHT
LTG	LIGHTING
LTWT	LIGHTWEIGHT
LVL	LEVEL
LVR	LOUVER
MAINT	MAINTENANCE
MAS	MASONRY
MAT	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MED	MEDIUM
MEMBR	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MR	MOISTURE RESISTANT
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
N	NORTH
N/A	NOT APPLICABLE AS PART OF THIS PROJECT
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NR	NON RATED
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
OD	OUTSIDE DIAMETER
OD	OVERFLOW DRAIN
OF	OWNER FURNISHED
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFF	OFFICE
OFOI	OWNER FURNISHED, OWNER INSTALLED
OH	OVERHEAD
OL	OCCUPANT LOAD
OPNG	OPENING
OPP	OPPOSITE
ORD	OVERFLOW ROOF DRAIN
ORIG	ORIGINAL
P	PAINT
PAV	PAVING
PBD	PARTICLE BOARD
PC	PRECAST
PDF	POWER DRIVEN FASTENER
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PI.	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLF	POUNDS PER LINEAR FOOT
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT OR PAINTED
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PT	POINT
PT	PRESSURE TREATED
PTD	PAINTED
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
QT	QUARRY TILE
QTY	QUANTITY
R	RADIUS/RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECESSED
RECPT	RECEPTACLE
REF	REFERENCE
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED REINFORCING
REINF	REINFORCED
REL	RELOCATE
REM	REMOVABLE
REQ	REQUIRE/REQUIRED
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISION/REVISED
RM	ROOM
RO	ROUGH OPENING
RTD	RATED
RTG	RATING
RWL	RAIN WATER LEADER
S	SOUTH
SA	SUPPLY AIR
SAF	SELF ADHERED FLASHING
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN
SECT	SECTION
SF	SQUARE FEET/FOOT
SH	SPRINKLER HEAD
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SJ	SAW JOINT
SM	SHEET METAL
SM	SURFACE MOUNTED
SP	STANDPIPE
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLE
SPKR	SPEAKER
SQ	SQUARE
SS	STAINLESS STEEL
SSK	SERVICE SINK
STA	STATION
STC	SOUND TRANSMISSION COEFFICIENT
STL	STEEL
STOR	STORAGE
STRG	STRINGER
STRUCT	STRUCTURAL
STRUCT	STRUCTURE OR STRUCTURAL
SUBCAT	SUBCATEGORY
SUSP	SUSPENDED
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TB	TOWEL BAR
TDC	TRAFFIC DECK COATING
TEL	TELEPHONE/TELECOM
TELE	TELEPHONE
TEMP	TEMPORARY
THK	THICKNESS
THRU	THROUGH
TKBD	TACK BOARD
TLT	TOILET
TMPD	TEMPERED
TO	TOP OF
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE OR TOP OF CURB
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TUBE STEEL
TV	TELEVISION
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
UNFIN	UNFINISHED
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
URNL	URINAL
VAC	VENTILATION AND AIR CONDITIONING
VAR	VARIES
VCT	VINYL COMPOSITION TILE
VER	VERIFY
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VISION PANEL
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WIDE OR WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WIN	WINDOW
WM	WIRE MESH
WP	WATERPROOF OR WATERPROOFING
WPM	WATERPROOF MEMBRANE
WS	WEATHER-STRIPPING
WSCT	WAINSCOT
WT	WEIGHT
WV	WATER VALVE
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
YR	YEAR

cph
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ORLANDO, FL 32803
Ph. (407) 745-5300

Plans Prepared By :
CPH Consulting, LLC.

JURISDICTION: HILLSBOROUGH COUNTY

Professional Seal

REVISION | DATE | NO.

PROJECT STATUS

Designed:	CPH
Drawn:	AM
Checked:	ML
Project No.:	2500049
Issue Date:	07/25/25
	© 2025

ABBREVIATIONS & DRAWING CONVENTIONS

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND

Sheet No.
G003

EXHIBIT A – LANDLORD WORK LETTER

Landlord, at its sole cost and expense, shall provide the following items:

INTERIOR	
SELECTIVE DEMOLITION Acceptable ☐ [IF APPLICABLE – ONLY USE FOR AN EXISTING BUILDING]	Demolish, remove, and legally discard all site and building improvements including but not limited to: **Site:** Sidewalks, paving, site storm drainage, landscaping, partitions, site signage, foundations. **Interior:** Ceilings, floor coverings (including adhesive and mastics), interior partitions, fixtures, furniture, equipment, lighting, electrical conduit back to main distribution panel, HVAC duct work, sensors, plumbing. **Plumbing:** Scope lines and hydro flush sewer system to lateral termination at city lines. Tenant shall identify any real and personal property items to remain and be protected prior to demolition. Landlord shall remove items and store in a temperature-controlled environment for Tenant's future use. **Surface Prep:** Prepare impacted areas and surfaces to a condition ready to receive Tenant's construction. Interior spaces shall be left in a "broom clean" condition.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

SURFACE PREP Acceptable ☐ [USE FOR NEW BUILDING]	**Surface Prep:** Prepare impacted areas and surfaces to a condition ready to receive Tenant's construction. Interior spaces shall be left in a "broom clean" condition.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

	• All related tap, impact, system development, fixture and/or any similar charges or fees shall be paid by Landlord. • The Fire protection system if applicable, and domestic water system may not be supplied from the same service. • All piping/lines for incoming water service shall be located per Tenant's construction documents and per local code. Any incoming water service line that enters the tenant space below grade/below slab, shall be positioned below frost depth and shall stub up into space per tenant drawings. Any exposed water lines from incoming water service that enters the tenant space above slab, should be run tight to the bottom of roof deck per Tenant's construction documents and per local code. • Landlord shall furnish and install keyed, frost-free recessed exterior hose bibs per Tenant's design/construction documents, including a hose bib that is Tenant accessible on the roof. The hose bib must be connected to 1/2" insulated copper pipe and run within the conditioned space. It must be exposed and visible for tenant's connection. • If permanent utility service is not available at the scheduled delivery date as defined in the Lease, temporary service must be provided by Landlord. Irrigation: (if applicable) • Furnish and install a separately metered 3/4" or greater dedicated irrigation water supply line to support irrigation system and landscape design. Irrigation equipment, including meters and backflow preventers, shall be located outside the demised premises where allowed by the jurisdiction.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

STORM WATER MANAGEMENT: Acceptable ☐	**System:** If required by local law, Landlord to provide a subsurface storm water retention system to accommodate Tenant's building configuration, site circulation, patio, site amenities, and jurisdictional requirements as defined in the Tenant's approved site plan. **Downspouts:** Coordinate location of roof and canopy downspouts with Tenant's approved site plan. No direct discharge to sidewalks, drive thru lanes, patio, or landscaping are permitted.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

ELECTRICAL SERVICE: Acceptable ☐	[EITHER "a", "b" or "c" BELOW - SELECT ONE AND STRIKE THE OTHER] a. Landlord shall furnish and install one code-compliant 400 amp, 120/208 volt, 3-phase, 4-wire metered service capable of supplying 140 KVA brought to 400 amp fused disconnect switch (to be NEMA 3R rain tight in exterior installations) or 400 amp circuit breaker. Any related electric utility company charges shall be paid by Landlord. Landlord shall provide one code-compliant set of 400A copper THHN conductors with a maximum overall voltage drop from transformer secondary of 2% from main disconnect to Tenant's panel board location within the Premises as determined by Tenant in accordance with Tenant's plans for the Premises. b. Landlord shall furnish and install one code-compliant 600 amp, 120/208 volt, 3-phase, 4-wire metered service capable of supplying 210 KVA brought to 600 amp fused disconnect switch (to be NEMA 3R rain tight in exterior installations) or 600 amp circuit breaker. Any related electric utility company charges shall be paid by Landlord. Landlord shall provide one code-compliant set of 600A copper THHN conductors with a maximum overall voltage drop from transformer secondary of 2% from main disconnect to Tenant's panel board location within the Premises as determined by Tenant in accordance with Tenant's plans for the Premises. c. Landlord shall furnish and install one code-compliant 800 amp, 120/208 volt, 3-phase, 4-wire metered service capable of supplying 280 KVA brought to 800 amp fused disconnect switch (to be NEMA 3R rain tight in exterior installations) or 800 amp circuit breaker. Any related electric utility company charges shall be paid by Landlord. Landlord shall provide one code-compliant set of 800A copper THHN conductors with a maximum overall voltage drop from transformer secondary of 2% from main disconnect to Tenant's panel board location within the Premises as determined by Tenant in accordance with Tenant's plans for the Premises. Electrical Conduits in Exposed Ceiling: All Landlord's base building wiring running through Tenant's exposed ceiling shall be encased in EMT or IMC conduit, run tight to the deck and be either parallel or perpendicular to the main entry storefront. There shall be no diagonal runs or and all conduits shall be in straight lines. There shall be no surface mounted conduit on walls.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

ELECTRICAL EQUIPMENT: Acceptable ☐	**Electrical Panels:** Tenant shall supply and install Tenant's panels and Landlord shall provide a credit of: [IF TENANT IS REQUIRING 400 AMPs in "ELECTRICAL SERVICE" ABOVE, CREDIT SHOULD BE $16,000.00./ IF TENANT IS REQUIRING 600 AMPs in "ELECTRICAL SERVICE" ABOVE, CREDIT SHOULD BE $25,000 IF TENANT IS REQUIRING 800 AMPs in "ELECTRICAL SERVICE" ABOVE, CREDIT SHOULD BE $33,000.00] **Metering:** Landlord shall provide **metered** service and disconnect for Tenant's use only. Landlord shall clearly identify and label Tenant's service meter w Tenant's name. Tenant service shall be metered; as required by local utility company and capable of recording instantaneous kilowatts,

SANITARY SEWER: Acceptable ☐	Landlord shall furnish and install two (2) four-inch minimum PVC sanitary sewer lines with minimum invert elevation of 48 inches at line of demised premises, one line leading to a code-compliant grease interceptor (which Landlord shall furnish and install with a minimum capacity of 1,500 gallons or sufficient to meet local code for Tenant's exclusive use) with invert elevation as necessary to accommodate grease interceptor installation requirements of Tenant, and one line bypassing the grease interceptor with minimum invert elevation of 48 inches at line of demised premises that connects to the main sanitary sewer system for the building OR the local municipal system. Grease interceptor system to be vented as required by Code. Landlord to provide proof (including but not limited to camera scope, pressure test certification, etc.) that the system being provided is functional and free from defects (dips, cracks, clogs, etc.). Both sewer lines shall be brought to a location within the Premises, as determined by Tenant in accordance with Tenant's plans for the Premises. The grease interceptor installation shall be a minimum of 50-feet away from tenant's main entry doors and patio seating. All related tap, impact, system development, fixture and/or any similar charges or fees shall be paid by Landlord. Septic systems or similar drainage systems are not acceptable.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

TELEPHONE/IT: Acceptable ☐	Landlord shall provide the following: a. Landlord shall install a (two) 2" conduit with pull string routed from the property's joint telephone point of demarcation to a location within the Leased Premises in accordance with the Tenant's plans. b. Landlord shall install a 2" conduit with pull string routed from the property's joint ISP point of demarcation to a location within the Leased Premises in accordance with the Tenant's plans. c. If existing facilities from current telecom or data/ISP provider(s) are full, Landlord agrees to pay for the expansion of segregated facilities for Tenant's use. d. Landlord shall provide 12 pairs (16 pairs if the local jurisdiction requires dedicated Fire Alarm lines) run to building DMARC that are available for Tenant's sole use (tagged and reserved). e. Landlord shall provide one 120/208 duplex outlet to be located within 6 feet of the DEMARC block location. If DMARC is installed on the exterior of the building, a weatherproof outlet and cover shall be provided. f. Landlord shall provide electrical grounding components for the phone system per local Codes and the Local Exchange Carrier's requirements. g. Landlord shall provide appropriate infrastructure from common service entrance to Tenant's leased Premises in order for Tenant to provision high speed broadband access, per FCC guidelines (100M/10M). h. If there is no connectivity available, the Landlord will provide necessary infrastructure for the ISP of Tenant's choosing to install high speed broadband access to the leased Premises. i. The Landlord agrees to allow Tenant to install conduit and or other service entrance facilities to extend the external DMARC into Tenant's leased Premises.

	kilowatt-hours, and peak demand. The preferred location for the meter is on the exterior of the building adjacent to the delivery door, hidden from public view. **Electrical Conduits in Exposed Ceiling:** All Landlord's base building wiring running through Tenant's exposed ceiling shall be encased in EMT or IMC conduit, run tight to the deck and be either parallel or perpendicular to the main entry storefront. There shall be no diagonal runs or and all conduits shall be in straight lines. There shall be no surface mounted conduit on walls. **Temporary Power:** If permanent electrical service is not available on the delivery date as defined in the lease, temporary service shall be provided by the Landlord. Provide service required for construction operations, with branch wiring and distribution boxes located to allow service and lighting by means of construction-type power cords. Landlord shall provide additional temporary lighting for construction operations.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

FIRE ALARM: Acceptable ☐	If required by Code or local authority having jurisdiction for Tenant's intended use, the Landlord shall furnish and install one main Fire Alarm Control Panel per Tenant's plans and specifications for the shell building with sufficient capacity to serve the Tenant's needs (to be located in a shared dedicated common area within the shell building OR at a location otherwise approved by Tenant). The Landlord's main FACP shall be capable of accommodating and connecting to the Tenant's fire alarm system as required by the local jurisdiction for Tenant's use. Landlord shall provide a 1" min. EMT conduit (with pull string) to be routed from the main FACP to the Tenant's leased Premises at a location in accordance with the Tenant's plans. Landlord shall provide Tenant with monitoring company contact information or codes as needed to complete installation of Tenant's fire alarm system.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

FIRE SPRINKLER: Acceptable ☐	If required by Code or local authority having jurisdiction, Landlord shall Furnish and install a fire sprinkler system to meet applicable governmental ordinances for the intended use of Tenant as anticipated by the Lease. Landlord to coordinate main and branch line locations so as not to conflict with Tenant's future roof mounted equipment, curbs, and penetrations. Sprinkler system riser assembly to be located in a dedicated common area within the shell building as approved by Tenant.

	j. If, in the case that sufficient bandwidth is not present with existing telecom facilities, Landlord shall allow alternate ISP(s) to access Premises to provide high speed broadband access. k. If, in the future, Tenant deems an ISP change is necessary, the Landlord shall provide right of entry (ROE) for the installation of new circuits that meet the requirements of the Tenant. l. If new circuits are required for adequate connectivity, Landlord shall review and approve the SOW related to the addition with carrier and/or installer m. If the cellular backup signal is not sufficient in the space, the Landlord will allow Tenant to install additional cellular equipment or facilities for backup connectivity (i.e. - external cellular antenna, secondary ISP, etc.). n. [If the public safety radio signals in the Premises are not adequate the Landlord will furnish and install any necessary signal-boosting systems to ensure public safety radios will work within the Premises.][APPLICABLE IN FLORIDA ONLY]
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

ROOF SCREENING Acceptable ☐	Landlord shall furnish and install all required screening for Tenant's standard rooftop-mounted equipment sufficient to meet applicable local covenants, codes and ordinances for Tenant's intended use. Structural supports for roof screening (non-parapet), shall be coordinated with Tenant's plans, so as not to conflict with Tenant's roof-top equipment and curbs.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

ROOF DRAINS and SCUPPERS: Acceptable ☐	Landlord to furnish and install roof drains and scuppers for shell building so as not to conflict with Tenant's intended exits as located on Tenant's approved floor plan. Interior drain piping shall be insulated and be run as tight to roof deck as possible while maintaining required slope.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

ROOF INSULATION: Acceptable ☐	Landlord shall furnish and install exterior roof insulation on the exterior side of the roof sheathing to meet local Codes for Tenant's intended use. Landlord to provide Tenant the name of Landlord's roofing contractor and warranty information when requested. Landlord to remove and patch roof for existing mechanical curbs not required for Tenant's use. Roof and/or shell must have insulation to meet local code for Tenant's use and specification per tenant's plans. Roof will be fully adhered thermoplastic membrane (PVC) system with rigid insulation.

	System must be pressure tested, fully operational, inspected and approved by the local authority having jurisdiction. The system must include flow and tamper devices, fire alarm disconnects, and back flow prevention as required. Modifications to the said system shall be at Tenant's expense. All related tap, impact, system development, fixture and/or any similar charges or fees shall be paid by Landlord.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

NATURAL GAS: Acceptable ☐ [NOTE – DO NOT INCLUDE THIS SECTION IF 800 AMP ELECTRICAL SERVICE IS SELECTED ON FIRST PAGE]	Landlord Shall Furnish and install a minimum of 1600MBH natural gas service with a delivery pressure of 7" water column routed to a location within the Leased Premises as determined by Tenant in accordance with Tenant's plans for the Premises. Landlord to provide proof of delivery pressure (gauge) at possession and regulate pressure if required. Gas piping shall be appropriately sized from Landlord meter location to a point of delivery within the Tenant's premises in accordance with Tenant's plans for the Premises. All related natural gas utility company charges shall be paid by Landlord.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

WATER and IRRIGATION: Acceptable ☐	**Water Service:** • Landlord shall furnish and install a separately metered and insulated 1.5" or greater dedicated domestic copper water supply line supplying minimum of 45 gallons per min at 60 psi, routed to a location within the Premises as determined by Tenant in accordance with Tenant's plans for the Premises. • Landlord shall provide proof of delivery pressure (gauge) at possession and provide and install a booster pump at Landlord's expense if water pressure is unable to be provided at minimum of 60 psi. Booster pump shall be located in a mutually agreed upon location where the unit can be properly maintained and serviced by Landlord. All related tap, impact, system development, fixture and/or any similar charges or fees shall be paid by Landlord. • Landlord shall furnish and install one (1) certified & tested backflow preventer with protective enclosure and shut-off ball valve for Tenant's Premises. Backflow prevention assembly shall provide maximum water pressure drop of 15 psig (pounds per square inch gauge). Landlord shall provide the BFP in a location approved by Tenant and shall include a locking cage if located on the exterior of the building.

Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

ROOF ACCESS: Acceptable ☐	Landlord shall furnish and install a permanent, code compliant and OSHA-approved roof access system for Tenant's use (including extendable roof hatch pole as applicable to the design of the roof ladder). Landlord shall supply Tenant with a key and/or 24-hour access to such roof access system.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

TRASH and WASTE: Acceptable ☐	Provide a convenient, well illuminated (see "Site Lighting" requirements set forth below) area located within reasonable proximity to the Premises (the location of such area is to be shown on an exhibit to be attached to the lease) for a code compliant trash and waste enclosure to be constructed by Landlord for Tenant's exclusive use. There shall be a clear wheel-able path from the rear door to the trash enclosure without any obstructions or curbs. Said enclosure shall be constructed in accordance with applicable laws and comply with any access, height, drainage and/or other requirements of the jurisdictional zoning, sewer and waste removal authorities, as well as any access, vertical clearance (minimum 20'-6") and/or other requirements of the vendor(s) providing waste removal services for Tenant's trash and waste. Such area and enclosure shall be constructed by Landlord per attached exhibit (*which shall be an exhibit to the Lease) and meet at least the following criteria, or such additional criteria as may be required by applicable law: A. a 14'-0" deep x 20'-0" wide x 6'-8" high enclosure to house: (i) an eight (8) cubic yard trash dumpster for Tenant's exclusive use (such dumpster shall be no less than 6' x 6'); (ii) at least a 5'-0" x 4'-0" grease receptacle area for Tenant's exclusive use (such receptacle area shall be no less than 5'-0" x 4'-0"); (iii) an eight (8) cubic yard cardboard dumpster for Tenant's exclusive use (such dumpster area shall be no less than 6'-0" x 6'-0"; (iv) two recycle toters which area shall be no less than 2'-11" x 5'-0"; (v) three compost toters which area shall be no less than 2'-11" x 7'-8". Trash enclosure gates and hinge columns for trash enclosure shall not reduce or encroach on the applicable clear opening area. For trash enclosures housing multiple Tenants exclusive dumpsters, Landlord shall provide adequate signage indicating Chipotle's designated trash area.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

CANOPIES: Acceptable ☐	Furnish and install all canopies per Tenant's prototypical plans and provided by American Products Inc. (API), or Tenant approved alternate supplier. Installation will include all structural reinforcement

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A Full Service A & E Firm
1011 E.COLONIAL DRIVE #307
ORLANDO, FL 32803
Ph. (407) 745-5300
Plans Prepared By :
CPH Consulting, LLC.
JURISDICTION: HILLSBOROUGH COUNTY

Professional Seal

REVISION | DATE | NO.

PROJECT STATUS

Designed:	CPH
Drawn:	AM
Checked:	ML
Project No.:	2500049
Issue Date:	07/25/25

WORK LETTER
CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND

Sheet No.
G004

	of building shell, and exterior building lighting integral to the canopies, as per Tenant drawings and specs.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

STOREFRONT: Acceptable ☐	Furnish and install Charcoal Permafluor glazing system by Kawneer Aluminum, or Tenant approved alternate supplier, with clear insulated Low-E glass (to meet local energy code requirements) and wide stile, single-acting, insulated double entry doors (6'-0" x 7'-0") and one (1) wide stile, single-acting, insulated door (3'-0" x 7'-0") for egress or patio access. The final locations of the doors shall be in accordance with Tenant's approved floor plan for the Premises. All hardware for all exterior doors shall be in accordance with Tenant's specification for the project; including but not limited to: door hinges, AHJ Code Compliant hardware (*note no panic hardware), threshold, sweeps, stops, and cylinder core. If an impact-rated glazing system is required by code, Landlord shall provide such system. Safety glazing will be installed as required per local adopted codes.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

WALLS: Acceptable ☐	Landlord to furnish and install all exterior wall assemblies to meet local code for tenant's use. All exterior walls shall have full depth insulation and minimum one-layer 5/8" gypsum board Type (X) to meet all applicable codes. All walls, exterior and demising, shall be rated assemblies where required by all applicable codes, with the interior finished to "Level 4" from floor to the underside of the roof deck, fire caulked with a thin bead of caulk, neatly done and ready to accept tenant finishes as the demising wall(s) will be visible to the public. All gypsum board on demising wall to coped into roof decking flutes neatly as appliable. If required by the local jurisdiction to obtain a Certificate of Occupancy, the Landlord shall complete the wall assembly by finishing the opposite side of the wall in accordance with applicable codes.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

REAR DOOR: Acceptable ☐	Furnish and install a 3'-6" (42") hollow-metal rear door with hardware in accordance with Tenant's plans and specifications for the Premises; including but not limited to hinges, threshold, panic devices, peep hole, sweep, weather stripping, drip edge, stop, and cylinder. The final location of the rear door and its hardware shall be in accordance with the Tenant's approved floor plan for the Premises. There shall be a clear wheel-able path from the rear door to the trash enclosure, with

	ramps as required, without any obstructions or curbs.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

FLOOR SLAB: Acceptable ☐	Landlord agrees to compact the exposed sub-grade of the Premises floor to a condition acceptable to Tenant ~~and give Tenant a credit of $10 per square foot or lump sum of $23,000~~ (whichever is greater) for the concrete slab. The credit includes costs related to the concrete, reinforcement materials, dowel connections to existing slab areas, vapor intrusion materials, and sub-slab insulation to meet all applicable energy code requirements. Construction and installation of slab, and associated details, are to follow the drawings and details provided by the Landlord's shell architect. Compaction will be as follows: a. Landlord shall complete compaction of the Premises in accordance with the appropriate engineering standards and building code requirements, so that the building pad shall be graded within 1/10 of a foot of the finished floor grade elevation of Tenant's Building [BASED UPON FINAL GRADING PLAN MINUS THE THICKNESS OF THE SUBGRADE AND FINISH MATERIALS], but in no event less than ninety-five percent (95%) of the modified proctor soil test for water content and compaction levels ("Modified Proctor"), so as to enable Tenant to construct its improvements in accordance with its plans, with spread footings and without necessity of pilings or other extraordinary foundation work. The premises soil shall have a minimum bearing capacity of 2,500 pounds per square foot. b. All fill material shall be of select grade and sources for acquisition of fill material, as well as locations for cut material, must be identified. c. Landlord shall at its expense have an independent professional soils engineering test laboratory monitor the preparation of the Premises and, upon completion of Landlord's work, Landlord shall furnish Tenant a written certification from such independent laboratory verifying compliance with the foregoing requirements of this section. This certification shall include the results of all compaction and other tests performed prior to the date of such certification. A copy of such certification shall be delivered to the Tenant's construction representative.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

HVAC: Acceptable ☐	Landlord shall provide a CREDIT for: One (1) nominal ton of cooling capacity per 125 square feet in high efficiency, [gas – delete if no gas hookup/]electric RTU's with standard distribution and ducted return, programmable thermostats with locking covers at $2,200.00 per ton.
Projected Complete:	**Actual Complete:**

Not Acceptable ☐	**Chipotle Comments:**

MECHANICAL EQUIPMENT Acceptable ☐	Landlord agrees that Tenant shall have right to install Tenant's mechanical equipment and associated curbs per tenant's plans upon roof or at another functionally appropriate location on or about premises as is necessary and typical for restaurant use. Landlord must provide adequate structural engineering, documentation and construction/installation of all reinforcement, penetrations, curbs and related flashings to accommodate the following (NOTE: curbs to be provided by Tenant for Landlord to install): i. HVAC RTUs (2,500 lbs. each) ii. Makeup Air Unit (800 lbs.) iii. Grease Exhaust fan (400 lbs.) iv. Grease Exhaust hood (1,400 lbs.) v. Walk-In Condensing Unit (300 lbs.) vi. Ice Machine Condensing Units (2 at 100 lbs. each) vii. Restroom Fan (100 lbs.)
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

RESTROOMS Acceptable ☐	~~Landlord shall provide a credit of $19,500 to account for two (2) ADA accessible restrooms with plumbing sanitary tie in and water supply, framing, all finishes, fixtures, accessories, doors and hardware.~~
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

PATIO: Acceptable ☐	Furnish and install the concrete slab on a single plane for the patio in accordance with local code and Tenant's plans. The Patio shall have a minimum 36" landscape buffer between itself and any driving surfaces. The patio shall be lit by a minimum of five (5) foot-candles by recessed or architecturally integrated building lights. When applicable Tenant will have the right to install additional pole mounted lights at the patio. The Landlord will coordinate the location of these lights with the Tenant ensuring appropriate conduit with pull string are supplied for future power by Tenant. Patio area will slope away from the Building with grade no less than 1.5% and no more than 2% with control joints every twelve (12) feet each direction. Landlord shall obtain Patio Permit if required by the local jurisdiction. Landlord shall purchase and install Tenant's patio railing per Tenant's plans.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

BARRIER FREE DESIGN: Acceptable ☐	Landlord's work outside of Tenant's limit line to comply with A.D.A. (and California Title 24 or ANSI 117.1 where applicable) for the entire site and shall make any and all improvements including ramps as may be required for compliance thereto at Landlord's expense. Landlord shall immediately remedy any deficiencies found which directly affect access to the Tenant's premises. Exiting, egress, and common pathways shall include exterior lighting to provide adequate and safe foot candle levels acceptable to Tenant at all locations (including the trash enclosure area) and shall meet all local Codes for Tenant's use.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

STAGING AREA: Acceptable ☐	Landlord shall designate and allow to be fenced a construction staging area or other suitable arrangements as may be acceptable, adjacent to Tenant's premise and shall permit Tenant's Contractor at its expense to place a temporary trailer on site for the purpose of housing temporary construction office activities and storage facilities including space for a 40 yard dumpster and one temporary storage container to be used during the course of Tenant's construction activities.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

TEMPORARY SIGNS: Acceptable ☐	Landlord shall permit Tenant to place temporary signage or banners upon the building or site fencing to indicate the Tenant's impending occupancy of the premises, during the period from the commencement of construction of the Landlord's building shell until opening of the restaurant and grand opening signage from the Tenant's grand opening until 30 days after grand opening. All signage shall be in conformance with jurisdictional requirements and subject to Landlord's approval.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

CHIPOTLE EXCLUSIVE PARKING: Acceptable ☐	Parking spaces exclusive to Tenant's customers shall be located per site plan as exhibit to the lease. Landlord shall provide an area for Tenant's installation of exclusive parking signs.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

MONUMENT/PYLON SIGNAGE: Acceptable ☐	Landlord shall furnish and install monument/pylon signage structure for Tenant's installation of Tenant's sign panels. Landlord shall provide the monument/pylon sign structure (frame, footings, and foundations as required), applicable sign finishes (including monument base materials), and power for the sign. Tenant shall obtain LL and local municipal approval for Tenant's sign panels. If freestanding building, with no other tenants on site, Landlord shall furnish and install Tenant's prototypical monument signage as per Tenant drawings. LL shall provide the monument sign structure (frame, footings, and foundations as required), applicable sign finishes (including monument base materials), and power for the sign.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

UNION LABOR: Acceptable ☐	Landlord shall communicate any union labor requirements related to the building site to the Tenant during the lease negotiation process. In the instance of site related labor disputes between union and non-union forces outside of Tenant's control, Landlord shall provide a two-gate system for site access.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

HAZARDOUS MATERIALS: Acceptable ☐	Landlord shall test for and abate asbestos, lead based paint and /or any other hazardous material determined to be present. Said testing and abatement shall occur prior to Tenant's possession acceptance of Premises and Tenant shall receive a copy of any testing reports, as well as any abatement reports and disposal manifests for any abatement performed. Landlord shall immediately work to abate any additional asbestos and/or hazardous materials discovered during Tenant's construction activities, so as to minimize the impact upon the Tenant's construction schedule.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

SHAFTS and ENCLOSURES: Acceptable ☐	If necessary due to multi-level building, Landlord shall furnish and install a ductwork path and access thereto approved by Tenant for Tenant's kitchen hood exhaust system. Landlord shall cause any rated assemblies provided by Landlord to be permitted by appropriate jurisdiction and constructed in compliance with all applicable governmental codes for Tenant's intended use. If applicable, Landlord shall install a code compliant welded black iron duct with appropriate cleaning ports (in common areas and accessible by Landlord and Tenant), which shall be successfully water

	tested and certified to be leak-free by a company approved by Tenant prior to Possession. When applicable, Landlord shall assist Tenant in coordinating access to other building areas outside of the Tenant's premises for Tenant's construction activities related to black iron and other mechanical modifications or alterations.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

SPECIAL PROVISIONS: Acceptable ☐	a. Landlord shall Treat for and exterminate any infestation of rodents, termites, carpenter ants or other insects or growths. b. Landlord shall provide for repair of damage caused by any such infestation. c. Landlord shall provide weekly progress updates and photos of Landlord's Work from ground break through completion of the same (provided, however, that no updates shall be necessary from and after the date of Tenant's entry to the Premises too begin Tenant's construction).
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

EXTERIOR	
PARKING AREA: Acceptable ☐	Furnish & install all site plan improvements in accordance with Landlord's plans as approved by Tenant & all jurisdictional requirements. Scope of work includes all required conditional use permits, variances, and drive-thru jurisdictional approvals when applicable. Furnish & install bollards per Chipotle's specifications and plans. Provide parking field striping, pavement markings, & directional wayfinding per jurisdictional requirements. Provide all required ADA markings & signage per jurisdictional requirements. Provide wheel stops at all parking spaces adjacent to the patio area or sidewalk. Furnish & install a bike rack for the premises as specified by Chipotle if required by local code. In locations where parking lots & striping exist, Landlord shall reconfigure traffic flow, field striping as needed for access.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

DRIVES/CURBS/ SIDEWALKS: Acceptable ☐	Landlord shall provide & install all sidewalks & curbs as needed to allow circulation throughout the site for Tenant's use in accordance with Landlord's plans as approved by Tenant. Sidewalks should slope away from the building's entry / exit points & storefronts. All curbs & gutters are to be formed

	concrete. Landlord to provide all paving on the premises surrounding the building area per jurisdictionally approved civil engineering drawings.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

LANDSCAPING: Acceptable ☐	All proposed landscaped areas shall follow local jurisdictional requirements, should have proper drainage and be irrigated by an automated irrigation system. Landlord shall furnish and install an automated irrigation system that includes a dedicated master shut-off valve, a pressure regulator, a backflow prevention device, and a time-clock based controller with a moisture or rain sensor. Controls & valves must be accessible by Chipotle for any Chipotle dedicated landscaped areas. Irrigation system should be separately metered (refer to 'water' section for additional information)
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

BUILDING SHELL: Acceptable ☐	When applicable, Landlord shall be responsible for the repair / replacement of any damaged structural building and/or site elements.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

SITE LIGHTING: Acceptable ☐	Landlord shall be responsible for site lighting including but not limited to parking lot lighting illuminating the entire site and landscaping per specifications below: - Average maintained illumination level of not less than five (5) foot candles in areas surrounding pickup window and patio - Average maintained illumination level of not less than three (3) foot candles in trash enclosure - Average maintained illumination level of not less than one and a half (1.5) foot candles surrounding building - Average maintained illumination level of not less than one (1) foot candles in parking and drive aisles
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

OTHER SITE WORK: Acceptable ☐	Landlord shall be responsible for all other site work outside of the building including, but not limited to: - curbs and gutters - stone and asphalt paving - concrete trash enclosure, with concrete pad & apron - parking lot striping - parking stall wheel stops adjacent to sidewalks or patio.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

MISCELLANEOUS	
Base Building Certificate of Occupancy	☐ **YES** ☐ **NO**
Chipotle Comments:	

BUILDING POSSESSION & ACCEPTANCE

Section 1 - Chipotle ☐ DOES ☐ DOES NOT accept the Premises per the comments listed.

Chipotle Comments: _____

Section 2 - Chipotle ☐ DOES* ☐ DOES NOT agree to take Conditional Delivery to commence improvements in the Premises per the comments listed, however, this shall NOT be deemed "POSSESSION DATE" per the Lease and below. **[NOTE: this section is not applicable if the "Does" box is checked in Section 1]**

Chipotle Comments: _____

*** Landlord is hereby advised that Landlord's delivery obligations under the Lease have not been completed in accordance with the terms thereof. Therefore, while Chipotle is amenable to commencing its improvements in the Premises, Chipotle's commencement of such improvements shall not: (a) affect the timing of the occurrence of the Possession Date (or other comparable terminology as defined in the Lease); (b) be deemed to be Tenant's acceptance of the Premises; or (c) release Landlord from any of Landlord's obligations under the Lease, including but not limited to, Landlord's obligations with respect to Landlord's Work.**

Possession Date per Lease: _____ **Possession Date:** _____

IN THE EVENT OTHER DEFICIENCIES OR DEFECTS IN LANDLORD'S WORK ARE HEREAFTER DISCOVERED, CHIPOTLE RESERVES THE RIGHT TO MAKE ADDITIONS AND/OR REVISIONS TO THIS REPORT. FURTHER, BY COMPLETING THIS REPORT, CHIPOTLE IS NOT WAIVING ANY RIGHTS OR REMEDIES IT MAY HAVE AT LAW, IN EQUITY OR AS SET FORTH IN THE LEASE.

SIGNATURES

Landlord Agent: _____

Chipotle Representative: _____

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A Full Service A & E Firm
1011 E.COLONIAL DRIVE #307
ORLANDO, FL 32803
Ph. (407) 745-5300
Plans Prepared By :
CPH Consulting, LLC.
JURISDICTION: HILLSBOROUGH COUNTY

Professional Seal

NO.	DATE	REVISION

PROJECT STATUS

Designed:	CPH
Drawn:	AM
Checked:	ML
Project No.:	2500049
Issue Date:	07/25/25

WORK LETTER
CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND

Sheet No.
G005

EXHIBIT A-1 – CHIPOTLANE ADDENDUM

Landlord, at its sole cost and expense, shall provide the following items:

Site Electric Distrbution: Acceptable ☐	LL Shall Furnish and Install one (1) 6"x6"x4" line-voltage j-box and one (1) 6"x6"x4" low-voltage j-box, both of which shall be at 11'-0" AFF and within Premises located as shown on Tenant's plans. LL shall Furnish and Install all underground electrical conduits, labeled with pull strings, from these j-boxes, routed inside/thru exterior wall cavity, to the following exterior pick-up lane equipment as noted on the Tenant's design/construction documents: a. One (1) 1" conduit from line-voltage junction box (noted above) to Announce Sign location as shown on Tenant's site plan. Conduit shall be stubbed 24" above grade and capped. b. One (1) 1" conduit from line-voltage junction box (noted above) to clearance bar location as shown on Tenant's site plan. Conduit shall be stubbed 24" above grade and capped. c. One (1) 1" conduit from line-voltage junction box (noted above) to each site directional sign and/or monument sign location as shown on Tenant's site plan. Conduit(s) shall be stubbed 24" above grade and capped. d. Conduits and conductors as required from any site lighting that will be powered and controlled by Tenant shall terminate in line-voltage junction box (noted above). e. Two (2) 1" conduits from low-voltage junction box (noted above) to the vehicle detector loop locations as shown on the Tenant's site plan. If the Landlord is not constructing the Tenant's building then the conduits noted above should terminate in locations shown on Tenant's plans for future extension by Tenant. In addition to the above, if the Landlord is constructing the Tenant's building then the Landlord

	shall also provide: **g.** One (1) 2" conduit with pull string from the line-voltage in-grade junction box to a line-voltage junction box at 11'-0" AFF (to be minimum 6"x6"x4") within the Tenant's demised premises and located as shown on Tenant's plans. **h.** One (1) 2" conduit from the low-voltage in-grade junction box (noted in item f above) to a surface-mounted line-voltage junction box at 9'-0" AFF (to be minimum 8"x8"x4") within the Tenant's demised premises and located as shown on Tenant's plans.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Traffic Signage: Acceptable ☐	LL shall provide parking lot striping and directional arrows per Tenant's design/construction documents, coordinated per all applicable local codes.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Site Concrete: Acceptable ☐	LL shall provide pad constructed of 6" thick reinforced (with wire mesh) concrete. The width of the pad shall be the width of the drive through lane OR no less than 12' wide, with a length starting from 12' past the centerline of the Pick Up Window, extending 44'-0" back into pickup lane. For site directional signage, LL shall credit Tenant $9,500 for Tenant's install of all concrete footings and anchor bolts for the following items: A. Announce Sign B. Clearance Bar C. Directional Signage (Minimum of 3; as noted on the Tenant's Construction Documents) In additional to above Landlord shall also furnish & install 6" diameter steel pipe bollards, filled with concrete & finished/located per Tenant's design/construction documents.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Pick Up Window: Acceptable ☐	LL shall furnish and install the Tenant specified pick up service window and lighting with all electrical connections brought to a location below the window frame per Tenant's specifications and per all notations on Tenant's design/construction documents for Tenant's connection work, including but not limited to: electrical connection, transoms and sidelights, bump out, heated air curtain/fly fan per applicable local codes and Tenant's design. Height of service window must be 36" above the interior finished floor and 42" above the drive through lane concrete.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

Pickup Window Awnings/Canopy: Acceptable ☐	LL shall furnish and install an exterior canopy above the pick up service window and all associated lighting per Tenant's design/construction documents and details.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Pick Up Window and Lane Lighting: Acceptable ☐	LL shall furnish and install full width concealed/recessed LED strip light under pick up window canopy, as per Tenant's design/construction documents. Illumination levels when measured at grade around building perimeter, including but not limited to the pick-up lane, shall be in the minimum illuminations set forth in the Landlord's Work letter or per all applicable local codes.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Special Provisions: Acceptable ☐	LL scope of work to include all necessary variances and conditional use permits required to obtain drive-thru specific jurisdictional approvals to permit tenant's specific use.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

SIGNATURES

Landlord Agent: _____

Chipotle Representative: _____

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Plans Prepared By :
CPH Consulting, LLC.
JURISDICTION: HILLSBOROUGH COUNTY

Professional Seal

REVISION | DATE | NO.

PROJECT STATUS

Designed:	CPH
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Checked:	ML
Project No.:	2500049
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WORK LETTER

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND

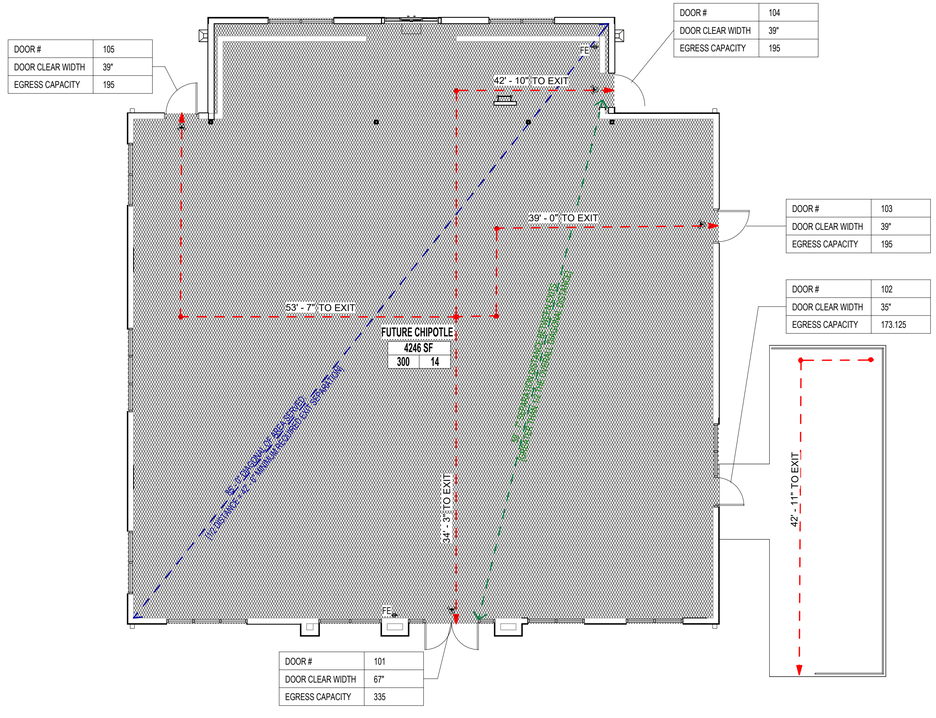
Sheet No.

G006

OCCUPANT LOAD & EGRESS WIDTH CALCULATIONS, 2018 IBC

IMAGE	OCCUPANCY	AREA (SF)	OCCUPANT LOAD	EGRESS WIDTH
	ACCESSORY - 300 SF PER OCCUPANT	4246	14	2.8
		4246	14	2.8

NOTE: ACCESSORY ASSEMBLY SHOWN FOR SHELL CONSTRUCTION. FUTURE TENANT IMPROVEMENT DRAWINGS TO PROVIDE ADDITIONAL OCCUPANCY INFORMATION



1 LIFE SAFETY PLAN
1/8" = 1'-0"

WALL & PARTITION NOTES

1. PARTITIONS ARE DISTINGUISHED ON FLOOR PLANS BY GRAPHIC AND TWO-PART SYMBOL DESIGNATIONS. REFER TO THE PARTITION TYPE DIAGRAMS.

2. PARTITIONS REQUIRED TO BE SMOKE AND/OR FIRE RESISTANT ARE DISTINGUISHED GRAPHICALLY ON LIFE SAFETY PLANS. REFER TO THE FIRE & SMOKE RESISTANCE LEGEND.

3. FLOOR, CELING AND STRUCTURE DELINEATED IN THE PARTITION TYPE SECTIONS ARE DIAGRAMMATIC AND DO NOT REFLECT EXACT CONSTRUCTION CONDITIONS OR GEOMETRY.

4. GYPSUM BOARD TYPES INDICATED IN THE PARTITION TYPE SECTIONS IS TYPICAL UNLESS NOTED OTHERWISE IN THE GYPSUM BOAD SCHEDULE FOR THE PARTITION LOCATION

5. REFER TO PARTITION HEAD DETAILS FOR CONSTRUCTION AT RATED PARTITIONS. WHERE A SPECIFIC DETAIL IS NOTE PROVIDED, COORDINATE WITH ARCHITECT.

6. ALL DIMENSIONS ARE FROM THE STUD TO STUD OF WALL. REFER TO PARTITION TYPE MATRICES FOR PARTITION WIDTH DIMENSIONS UNLESS INDICATED TO BE SHOWN ON PLANS.

7. SEALANT: REFER TO THE SEALANT SCHEDULE FOR SEALANT TYPES AT ALL PARTITIONS. ALL PARTITIONS SHALL HAVE SCHEDULED SEALANT AT THE HEAD, SILL, THRU-PENETRATIONS, OPENINGS AND JUNCTURES WITH DISSIMILAR MATERIALS.

8. INSULATION: REFER TO PARTITION SCHEDULE AND DIAGRAMS FOR INSULATION.

9. FOR THE FULL PARTITIONS DESIGNATED TO RECEIVE SOUND ATTENUATION BLANKETS (S.A.B.), EXTEND SAB TO FULL HEIGHT OF PARTITION U.N.O. FLOOR TRACK TO BE SET IN A CONTINUOUS BED OF SCHEDULED SEALANT.

10. FIRE RESISTANT AND SMOKE RESISTANT SMOKE BARRIER RATINGS ARE TO SURROUND ALL OPENINGS IN RATED PARTITIONS.

11. SMOKE RESISTANT, FIRE RESISTANT AND SMOKE BARRIER PARTITIONS SHALL EXTEND AND SEAL TO THE INSIDE FACE OF EXTERIOR SHEATHING, INCLUDING EXTENSIONS THROUGH SOFFITS.

12. EACH NEW FIRE WALL, FIRE BARRIER, FIRE PARTITION, SMOKE BARRIER, SMOKE PARTITION, OR ANY OTHER NEW WALL REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES WITH THE WORDING, "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS." SUCH SIGNS OR STENCILING SHALL BE IN 4-INCH-HIGH LETTERS, 1/2 INCH STROKE, AND NOT MORE THAN 15 FEET ON CENTER OR AS REQUIRED BY LOCAL CODE.

13. REFER TO STRUCTURAL DRAWINGS FOR REINFORCING INFORMATION.

14. ALL PENETRATIONS THRU FIRE AND/OR SMOKE RATED PARTITION SHALL BE SEALED TO MAINTAIN THE INTEGRITY OF THE PARTITION RATING. REFER TO SEALANT SCHEDULE

15. PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BACKUP PLATES, AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK AND ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL OR ELECTRICAL EQUIPMENT.

16. WHERE MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS PENETRATE PARTITIONS, STUDS SHALL BE BRACED AND FRAMED TO THE STRUCTURE AS REQUIRED TO PROVIDE ADEQUATE SUPPORT. ALL PENETRATIONS THROUGH RATED WALLS SHALL BE SEALED TO PROVIDE FIRE, SMOKE, AND /OR ACOUSTICAL ISOLATION OF SPACES WITH APPROPRIATE FIRESTOP MATERIAL.

17. THERE SHALL BE NO BACK-TO-BACK ELECTRICAL, TELEPHONE, OR OTHER OUTLETS, EXCEPT WHERE SPECIFICALLY INDICATED. AT ACOUSTICALLY SENSITIVE AREAS OFFSET OUTLETS ON OPPOSITE SIDES OF THE WALL BY AT LEAST TWO STUD CAVITIES.

18. PROVIDE DRYWALL CONTROL JOINTS AT 30' MAX. JOINTS ARE TO BE LOCATED AT THE NEAREST DOOR JAMB WHERE POSSIBLE.

OCCUPANT LOAD SUMMARY

THE CALCULATED OCCUPANT LOAD RESULTS IN A TOTAL BUILDING POPULATION FOR EGRESS OF 125 PERSONS AS INDICATED BELOW. REFER TO EGRESS CAPACITY TABLES BELOW FOR EGRESS BY FLOOR OR AREA. REFER TO THE LIFE SAFETY PLAN FOR THE OCCUPANCY SCHEDULE.

	OCCUPANT LOAD	PROVIDED EGRESS
SHELL BUILDING	14 PERSONS	1,085 PERSONS
TOTAL CAPACITY FOR EGRESS	125 PERSONS	1,085 PERSONS

EGRESS CAPACITY SUMMARY

REFER TO THE LIFE SAFETY DRAWINGS FOR THE LOCATION AND CAPACITY OF ALL EGRESS COMPONENTS EXITS

LEVEL	EXIT WIDTH - REQUIRED	EXIT WIDTH - PROVIDED
BUILDING/PATIO	14 PERSONS X 0.2" = 3 INCHES	217" INCHES

EGRESS COMPONENTS

MIN. NUMBER OF EXITS:	2 (PER FBC TABLE 1006.3.2)
MAX. TRAVEL DISTANCE:	200 FT. (PER FBC TABLE 1017.2)
MAX. COMMON PATH OF TRAVEL:	75 FT. (PER FBC TABLE 1006.2.)
MIN. DOOR WIDTH:	0.2" PER PERSON (PER FBC 1005.3.2) BUT NO LESS THAN 32" (PER FBC SECTION 1010.1)

LIFE SAFETY & ACCESSIBILITY LEGEND

RATED PARTITION DESIGNATION

- SMOKE RATED PARTITION
- 1-HOUR FIRE RATED PARTITION
- 2-HOUR FIRE RATED PARTITION
- 3-HOUR FIRE RATED PARTITION
- 4-HOUR FIRE RATED PARTITION

EGRESS DESIGNATION

- XX-XX" TO EXIT — MAXIMUM TRAVEL DISTANCE PATH
- 30' - 0" DIAGONAL OF AREA SERVED; [1/2 DISTANCE = 15' - 0" MINIMUM REQUIRED EXIT SEPARATION] — BUILDING/AREA MEASUREMENT DIAGONAL LINE
- 30' - 0" SEPARATION DISTANCE BETWEEN EXITS [GREATER THAN 1/2 THE OVERALL DIAGONAL DISTANCE] — EGRESS SEPARATION LINE
- PRIMARY EGRESS — EXIT SIGN

AREA CAPACITY TAG

ROOM NAME
SF
SF /

- NET OR GROSS ROOM AREA PER LIFE SAFETY CODE
- ROOM OCCUPANT CAPACITY
- OCCUPANCY MODIFIER PER LIFE SAFETY CODE

DOOR CAPACITY TAG

##

DOOR #	XXX
DOOR CLEAR WIDTH	33"
EGRESS CAPACITY	165

###

EGRESS CAPACITY OF DOOR PER LIFE SAFETY CODE (CALCULATED BASED ON DOOR CLEAR WIDTH)

LOCK BOX TAG

LOCK BOX - EXACT LOCATION TO BE COORDINATED WITH LOCAL FIRE DEPARTMENT. MOUNTING HEIGHT 6'-0" A.F.F., TIE TO FIRE ALARM

FIRE EXTINGUISHER TAG

FE FIRE EXTINGUISHER ON WALL BRACKET — FEC FIRE EXTINGUISHER IN SEMI-RECESSED CABINET

ACCESSIBILITY CLEARANCES AT MANUAL SWINGING DOORS

ARROW INDICATES DOOR APPROACH — REFERENCE TO ADA/IBC-ACCESSIBILITY 404.2.4.1 * REFERENCE 404.2.4.3

REQUIRED CLEAR SPACE PER ADA/IBC-ACCESSIBILITY

LIFE SAFETY GENERAL NOTES

1. WALL RATINGS ARE INDICATED ON LIFE SAFETY PLANS FOR OCCUPANT LIFE SAFETY.

2. FIRE EXTINGUISHERS SHALL BE LOCATED IN ACCORDANCE W/ THE REQUIREMENTS OF NFPA 10 & SECTION 13.6 OF NFPA 1 OF THE FFPC LOCATED SO THAT ALL AREAS ARE WITHIN 75' OF AN EXTINGUISHERS. FOR MECHANICAL & ELECTRICAL ROOMS, USE A "2A:10B:C" LOCATED SO THAT ALL AREAS ARE WITHIN 50' OF AN EXTINGUISHER. FOR KITCHENS USE A "K" EXTINGUISHER SO THAT ALL AREAS ARE WITHIN 30' OF AN EXTINGUISHER.

3. UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR OTHERWISE INSTRUCTED BY THE ARCHITECT, ELECTRICAL DEVICES SHALL HAVE THE FOLLOWING MOUNTING HEIGHTS. DIMENSIONS ARE TO CENTER OF BOX UNLESS OTHERWISE NOTED:

MANUAL FIRE ALARM PULL STATIONS - 48" A.F.F. MAX. TO TOP OF BOX;

FIRE ALARM SPEAKER/HORN - 1'-0" BELOW CEILING, OR IN CEILING AS REQUIRED;

FIRE ALARM STROBE - 80" A.F.F. OR 6" BELOW CEILING, WHICHEVER IS LOWER.

4. TACTILE SIGNAGE SHALL BE PROVIDED AT ALL EXIT DOORS TO MEET THE FOLLOWING CRITERIA:

TACTILE SIGNAGE SHALL BE LOCATED AT EACH EXIT DOOR REQUIRING AN EXIT SIGN;

TACTILE SIGNAGE SHALL READ AS FOLLOWS: "EXIT";

TACTILE SIGNAGE SHALL COMPLY WITH ICC/ANSI A117.1.

5. REFER TO MECHANICAL DRAWINGS FOR THE LOCATION OF FIRE AND SMOKE DAMPERS.

7. COORDINATE WITH ELECTRICAL DRAWINGS FOR THE EXACT LOCATION OF EMERGENCY LIGHTING, FIRE ALARM STROBES, AND PULL STATIONS.

8. REFER TO THE TRAVEL DISTANCE SCHEDULE FOR TRAVEL DISTANCES.

9. ALL SIGNAGE INCLUDING MAXIMUM OCCUPANCY, FIRE EXTINGUISHER INSIDE, EXIT DIAGRAMS, ETC. TO BE IN ACCORDANCE WITH LOCAL, STATE, AND NATIONAL STANDARDS AND REQUIREMENTS.

BUILDING DATA

OCCUPANCY:	GROUP A-2, ASSEMBLY (OCCUPANCY TO BE CALCULATED WITH TENANT IMPROVEMENT DRAWINGS)
CONSTRUCTION TYPE:	V-B CONSTRUCTION, NON-SPRINKLERED
TOTAL SF:	4,246 GROSS SHELL SF & 480 SF EXTERIOR PATIO

BUILDING ENVELOPE REQUIREMENTS - ENERGY CONSERVATION CODE

CLIMATE ZONE:	2 (FBCEC) CHAPTER 4 - TABLE C402.1.3 & C402.4		
ROOF:	R-25ci	FLOORS:	NOT USED
WALLS, ABOVE GRADE:	R-5.7ci	SLAB-ON GRADE FLOORS:	NOT RATED
WALLS, BELOW GRADE:	NOT USED	OPAQUE DOORS (SWINGING):	U-0.61
ENTRANCE DOORS:	U-0.83	SOLAR HEAT GAIN COEFFICIENT:	U-0.40
FIXED FENESTRATION:	U-0.50		
OPERABLE FENESTRATION:	U-0.65		

AUTHORITIES HAVING JURISDICTION

BUILDING:	HILLSBOROUGH BUILDING DEPARTMENT
FIRE / LIFE SAFETY:	HILLSBOROUGH COUNTY FIRE MARSHAL

APPLICABLE CODES

BUILDING:	2023	FLORIDA BUIILDING CODE - 8TH EDITION
FIRE:	2023	FLORIDA FIRE PREVENTION CODE - 8TH EDITION
	2021	NFPA 1, FIRE CODE
LIFE SAFETY:	2021	NFPA 101, LIFE SAFETY CODE
PLUMBING:	2023	FLORIDA BUILDING CODE - PLUMBING - 8TH EDITION
FUEL / GAS:	2023	FLORIDA BUILDING CODE - FUEL GAS - 8TH EDITION
MECHANICAL:	2023	FLORIDA BUILDING CODE - MECHANICAL - 8TH EDITION
ELECTRICAL:	2023	FLORIDA BUILDING CODE CHAPTER 27 - 8TH EDITION
	2020	NFPA 70, NATIONAL ELECTRICAL CODE (BY REFERENCE)
ENERGY:	2023	FLORIDA BUILDING CODE - ENERGY CONSERVATION - 8TH EDITION
ACCESSIBILITY:	2023	FLORIDA BUILDING CODE - ACCESSIBILITY - 8TH EDITION
OTHER:		- RESERVED -

TYPES OF CONSTRUCTION (FBC) CHAPTER 6

TYPE V-B CONSTRUCTION, NON SPRINKLERED (FBC)

FIRE RESISTANCE OF BLDG. ELEMENTS BY CONSTRUCTION TYPE (FBC) CHAPTER 6 & 7

BUILDING ELEMENT:	REQUIRED:
PRIMARY STRUCT. FRAME:	0 HOURS
BEARING WALLS - EXT:	0 HOURS
BEARING WALLS - INT:	0 HOURS
NONBEARING WALLS - EXT:	SEE TABLE 602
NONBEARING WALLS - INT:	0 HOURS
FLOOR CONSTRUCTION:	0 HOURS
ROOF CONSTRUCTION:	0 HOUR
CORRIDORS:	N/A (BUILDING SHELL ONLY)
EXIT STAIRS:	N/A (NO EXIT STAIRS IN BUILDING)
FLOOR OPENINGS / SHAFTS:	N/A (NO OPENING/SHAFTS IN BUILDING)

NOTE: REFER TO GENERAL INFORMATION SHEETS FOR APPLICABLE UL ASSEMBLIES TO PROVIDE REQUIRED FIRE RESISTANCE OF BLDG. ELEMENTS

BUILDING HEIGHT BY CONSTRUCTION TYPE (FBC) CHAPTER 5

ALLOWABLE HEIGHT:	1 STORIES / 40 FT.
ACTUAL BUILDING HEIGHT:	1 STORIES / 24' - 8"

BUILDING AREA BY CONSTRUCTION TYPE (FBC) CHAPTER 5

ALOWABLE BUILDING AREA:	6,000 SF
ACTUAL BUILDING AREA:	4,138 SF

INTERIOR FINISHES (FBC) CHAPTER 8

CONSTRUCTION TYPE	FIRE RESISTANCE RATING
EXITS	CLASS A
EXIT ACCESS CORRIDORS	CLASS B
OTHER THAN EXITS	CLASS C
LOW HEIGHT PARTITIONS	CLASS C (SEE NOTE 1)
INTERIOR FLOOR FINISHES	CLASS II
GENERAL ASSEMBLY AREAS (>300)	CLASS B
ASSEMBLY AREAS (<300)	CLASS C

NOTES:
1. PARTITIONS NOT EXCEEDING 60 INCHES AND IN LOCATIONS OTHER THAN EXITS

FIRE ALARM AND PROTECTION SYSTEMS

FIRE SUPPRESION SYSTEM	YES (NO)	FIRE ALARM SYSTEM	YES (NO)
AUTOMATIC FIRE DETECTION SYSTEM	YES (NO)	SMOKE CONTROL SYSTEM	YES (NO)
SUPERVISION	YES (NO)		

PLUMBING FIXTURE CALCULATIONS: FBC CHAPTER 29

PLUMBING CALCULATIONS TO BE SUBMITTED AS PART OF TENANT IMPROVEMENT (T.I.) PACKAGE AND SUBMITTED FOR PERMIT SEPARATELY

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CPH Consulting, LLC.
JURISDICTION: HILLSBOROUGH COUNTY

Professional Seal

REVISION | DATE | NO.

PROJECT STATUS

Designed:	CPH
Drawn:	AM
Checked:	ML
Project No.:	2500049
Issue Date:	07/25/25
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LIFE SAFETY PLAN

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

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Sheet No.
G101

DEMO LEGEND

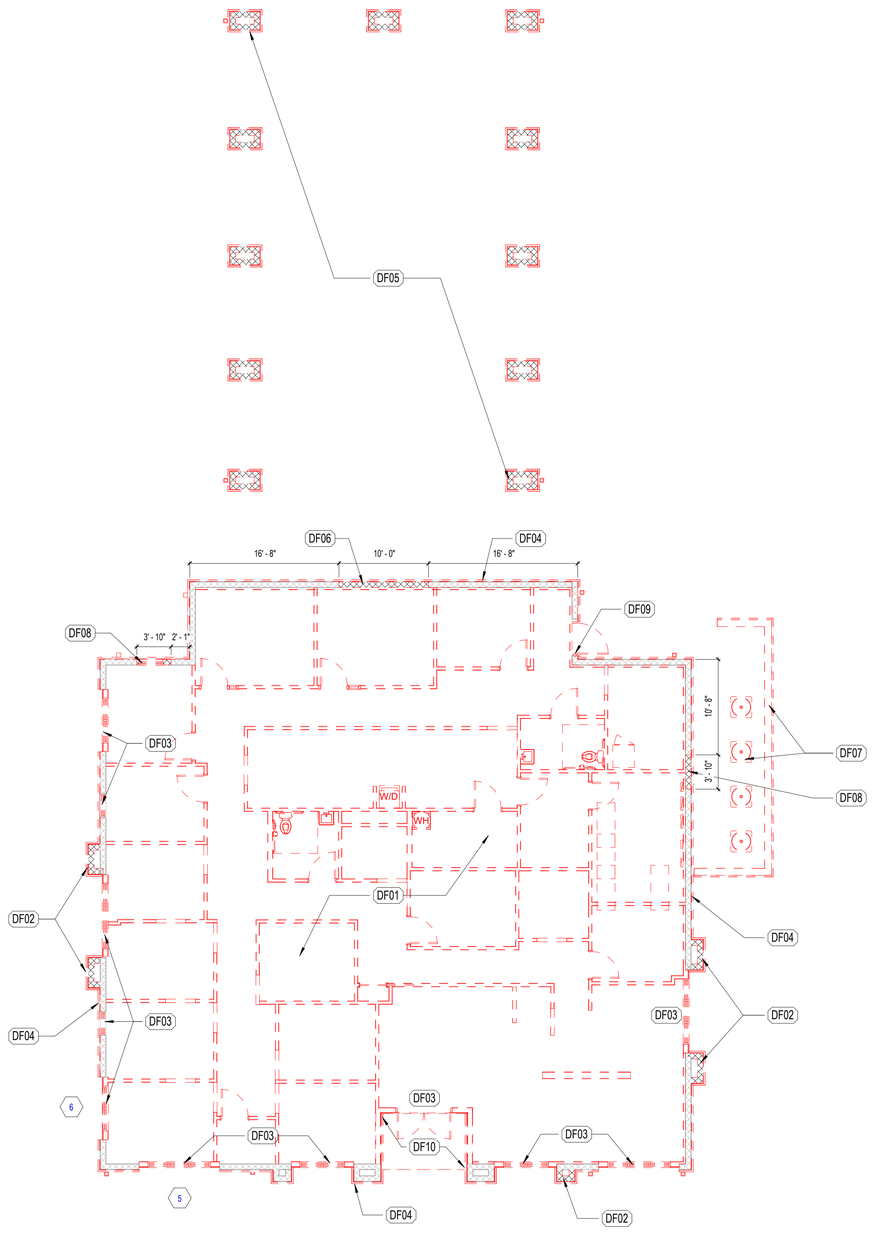
EXISTING TO REMAIN

EXISTING TO BE REMOVED

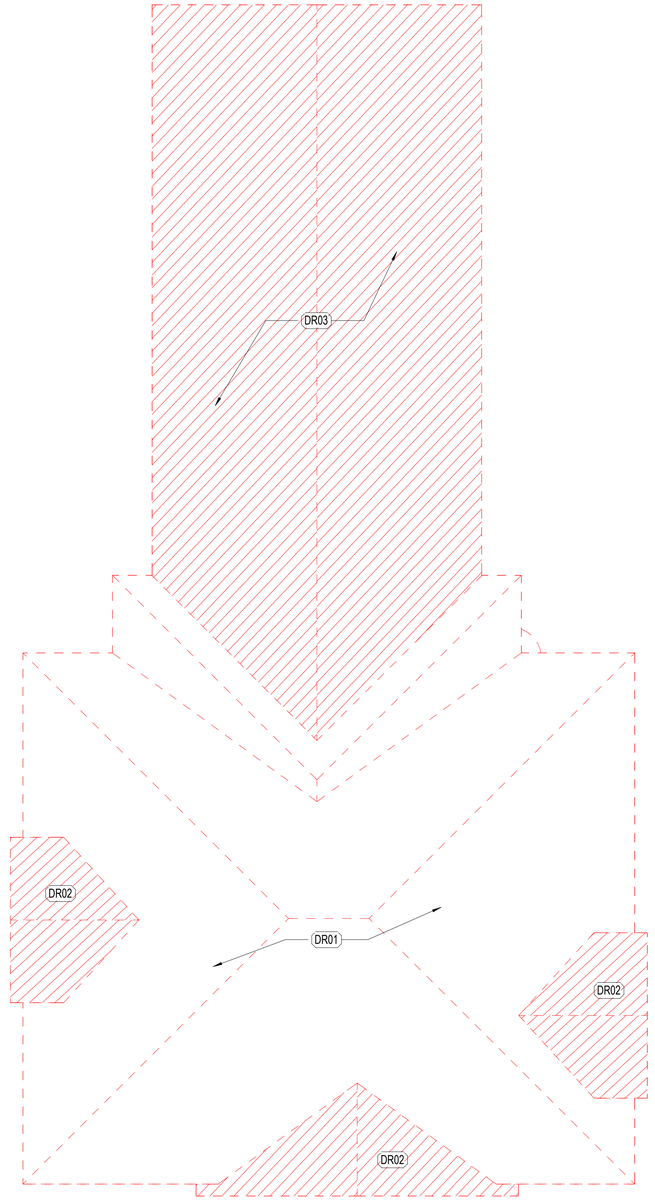
DF## DEMO FLOOR PLAN NOTES DR## DEMO ROOF PLAN NOTES

KEYNOTE LEGEND

#	DESCRIPTION
DF01	DEMO INTERIOR IN ITS ENTIRETY, U.N.O. - INCLUDING WALLS AND FURRING, CEILING, LIGHTING, DUCT WORK, RESTROOMS AND ELECTRICAL DEVICES (INCLUDING PANELS) - EXISTING GWB AND INSULATION AT BASE OF ROOF TRUSSES TO REMAIN
DF02	REVISE EXISTING CMU BUMP-OUT
DF03	<varies>
DF04	REMOVE EXISTING FINISHES AT EXTERIOR - INCLUDING STONE VENEER, STUCCO AND EIFS TRIMS - TYPICAL AT ALL EXTERIOR WALLS
DF05	REMOVE BANK CANOPY IN ITS ENTIRETY
DF06	REMOVE EXISTING INFILL BELOW BEAM IN AREA SHOWN (PREVIOUS LOCATION OF BANK WINDOW)
DF07	REMOVE EXISTING SERVICE YARD IN ITS ENTIRETY - INCLUDING BUT NOT LIMITED TO WALLS, SLAB, FINISHES, AND EQUIPMENT
DF08	DEMOLISH PORTION OF WALL FOR FUTURE DOOR OPENING
DF09	REMOVE DOOR AND WIDEN EXISTING OPENING - REFERENCE NEW WORK DRAWINGS
DF10	REMOVE CONCRETE SIDEWALK IN THIS AREA
DR01	REMOVE EXISTING ROOF TILE FINISH - GC TO VERIFY SHEATHING CONDITION. ROOF TRUSSES TO REMAIN UNLESS OTHERWISE NOTED
DR02	REMOVE EXISTING ROOF AREA (SHOWN HATCHED) IN ITS ENTIRETY (INCLUDDING FINISHES, SHEATHING, FASCIA, ETC). EXISTING MAIN ROOF TRUSSES TO REMAIN
DR03	REMOVE BANK CANOPY ROOF IN ITS ENTIRETY - INCLUDING BUT NOT LIMITED TO FINISHES, TRUSSES, SHEATHING, FASCIA AND GUTTERS. EXISTING ROOF TRUSSES AT MAIN BUILDING TO REMAIN



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



2 DEMOLITION ROOF PLAN
1/8" = 1'-0"

DEMOLITION NOTES

1. GENERAL CONTRACTOR AND HIS/HER SUB-CONTRACTORS SHALL COMPLYWITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATORY AGENCIES AND THEIR CODES AND REGULATIONS FOR NEW CONSTRUCTION AND DEMOLITION WORK.

2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT ALL EXISTING BUILDING AREAS AND FINISHES FROM DAMAGE AND SHALL, AT THEIR EXPENSE, RESTORE TO ORIGINAL CONDITION ANY AREAS OR FINISHES DAMAGED BY THEIR WORK.

3. MAINTAIN FIRE EGRESS AT ALL TIMES THROUGHOUT THE COURSE OF THIS WORK.

4. THE SCOPE OF THE DEMOLITION SHALL NOT BE LIMITED TO THE CONTENTS OF THESE DRAWINGS BUT SHALL INCLUDE ANY AND ALL WORK REQUIRED TO FACILITATE THE NEW CONSTRUCTION AS DESCRIBED IN THESE DOCUMENTS. CONTRACTOR SHALL REVIEW FINAL CONDITIONS REQUIRED AND THE NEW WORK DOCUMENTS AND SHALL PROVIDE ALL DEMOLITION WORK, PATCHING AND REPAIRING AS NECESSARY.

5. UNLESS NOTED OTHERWISE, ALL EXISTING ACCESSORIES HARDWARE IS TO BE REMOVED. ALL SURFACES PATCHED & REPAIRED TO ACCEPT NEW FINISHES. ALL EXISTING FINISHES SCHEDULED TO REMAIN SHALL BE CLEANED, REPAIRED, AS NECESSARY. REMAINING VCT TO BE STRIPPED AND RE-WAXED.

6. PATCH AND PREPARE SURFACES AS INDICATED IN DRAWINGS TO RECEIVE FINISHES AS SCHEDULED EXTERIOR WORK - MAINTAIN A WEATHER TIGHT AND SECURE BUILDING ENVELOPE THROUGHOUT CONSTRUCTION.

7. WHERE PATCHING, REPAIRING OR INFILLING EXTERIOR BRICK VENEER/CMU EXPOSED TO VIEW, THE CONTRACTOR SHALL "TOOTH IN" NEW BRICK/CMU INTO ADJACENT EXISTING BRICK/CMU TO REMAIN FOR BEST APPEARANCE.

8. CONTRACTOR TO MAKE CAREFUL INSPECTION & FIELD MEASUREMENTS OF EXISTING CONDITIONS TO ENSURE EXTENTS OF SELECTIVE DEMOLITION ARE CORRECTLY LOCATED & SIZED. DO NOT DEMOLISH OR CUT ITEMS BEYOND THE SCOPE OR LIMITS OUTLINED ON THE DOCUMENTS. TAKE CARE TO CAUSE NO DAMAGE TO EXISTING STRUCTURAL COMPONENTS.

9. COORDINATE WITH ALL PLANS FOR CLARIFICATIONS OF DEMOLITION SCOPE BEFORE PROCEEDING.

10. THE CONTRACTOR TO FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE THE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED IN THE CONTRACT DOCUMENTS.

11. THE GENERAL CONTRACTOR SHALL OBTAIN ALL REQUIRED DEMOLITION PERMITS AND INCLUDE ALL ASSOCIATED COSTS. IN THE CONTRACT PRICE UNLESS OTHERWISE NOTED IN THE CONTRACT DOCUMENTS.

12. ALL MEASUREMENTS INDICATED ON THE PLAN SHALL BE VERIFIED AT THE ACTUAL CONDITION. ANY DISCREPANCY IN THE MEASUREMENT SHALL BE REPORTED TO THE ARCHITECT BEFORE THE START OF DEMOLITION. VERIFY ALL DEMOLITION WORK WITH NEW CONSTRUCTION AND INSTALLATION DRAWINGS BEFORE BEGINNING CONSTRUCTION.

13. DEMOLITION IS TO OCCUR WITH A MINIMUM OF OPERATIONAL DISRUPTION TO OTHER OCCUPIED PORTIONS OF THE BUILDING. COORDINATE ALL WORK REQUIRED TO CONNECT TO EXISTING UTILITIES IN ADJACENT OCCUPIED AREAS BELOW THE SPACE WITH THE OWNER 'S REPRESENTATIVE. THE GENERAL CONTRACTOR SHALL LIMIT CONSTRUCTION NOISE TO THE GREATEST POSSIBLE EXTENT AND LIMIT DEMOLITON TO THE NIGHTS, WEEKENDS, AND AFTER HOURS.

14. DEMOLISH ALL ITEMS AS INDICATED ON PLANS. THE GENERAL CONTRACTOR SHALLCOORDINATE DEMOLITION WITH RENOVATION IN THE FIELD AND PROVIDE CUTTING AND PATCHING NECESSARY TO ACHIEVE THE INTENDED NEW CONDITION AND QUALITY.

15. COORDINATE LOCATION AND SIZE OF ALL REQUIRED OPENINGS IN THE EXISTING FLOOR SYSTEM WITH ARCHITECTURAL FLOOR PLAN AND WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

16. THE GENERAL CONTRACTOR SHALL MAINTAIN ALL EXISTING AND REQUIRED FIRE-RATED CONSTRUCTION THROUGHOUT.

17. EXISTING UTILITIES ARE TO BE MAINTAINED DURING CONSTRUCTION THE GENERAL CONTRACTOR SHALL NOTIFY OWNER SERVICES REPRESENTATIVE OF ANY DISRUPTIONS 48 HRS. IN ADVANCE AND PROVIDE INTERIM UTILITIES AS REQUIRED.

18. ALL EXISTING MATERIALS NOT SCHEDULED FOR REUSE OR TO BE TURNED OVER TO OPERATIONS ARE THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR WASTE DISPOSAL AND COORDINATE THESE ARRANGEMENTS WITH THE OWENR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING FROM THE SITE ALL RUBBLE AND DEBRIS CAUSED BY DEMOLITION AND DISPOSING OF IT IN A PROPER MANNER OFF CAMPUS PROPERTY.

19. RELOCATION OF ANY ITEMS INVOLVED IN THE WORK IS SUBJECT TO THE CONTRACTOR'S ABILITY TO DO SO WITHOUT PERMANENTLY DAMAGING OR MARRING THE ITEMS TO BE RELOCATED. IF THE CONTRACTOR IS UNABLE TO RELOCATE ANY ITEM AS PRESCRIBED HEREIN, S/HE SHALL CONSULT THE ARCHITECT FOR DIRECTION. SAFELY STORE MATERIAL TO BE REUSED UNTIL TIME OF INSTALLATION.

20. FIELD VERIFY AREA OF WORK. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE DEMOLITION PLAN AND FIELD CONDITIONS. ALL ELEMENTS NOT SHOWN TO BE DEMOLISHED REQUIRE ARCHITECT'S REVIEW AND APPROVAL.

21. CONTRACTOR SHALL VERIFY EXTENT OF DEMOLITION WORK PRIOR TO STARTING ANY WORK. COORDINATE THE DEMOLITION WORK WITH MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL, FIRE PROTECTION, AND NEW CONSTRUCTION PLANS.

22. COORDINATE WITH THE OWNER AS TO WHAT EQUIPMENT AND FINISH ITEMS ARE TO BE RE-USED, SUCH AS RESTROOM FIXTURES AND ACCESSORIES, MOLDINGS, WAINSCOTS, TRIMS, INTERIOR DOORS, INTERIOR GLAZING AND ORNAMENTAL ITEMS, CAREFULLY REMOVE AND SET ASIDE FOR RE-USE.

23. THE GENERAL CONTRACTOR SHALL PROVIDE DUST BARRIERS TO PROTECT STORED MATERIALS ON SITE IN LOCATIONS AS COORDINATED WITH THE FACILITIES OWNER REPRESENTATIVE.

24. THE GENERAL CONTRACTOR SHALL PROVIDE TEMPORARY PARTITIONS AND BARRIERS TO PROTECT THE PUBLIC FROM ANY POTENTIAL CONSTRUCTION HAZARDS. BARRIERS ARE TO BE OF METAL FRAME CONSTRUCTION WITH A PAINTED GYPSUM BOARD FACE AS PER INSTRUCTIONS ON THE DRAWINGS; THE DOORS TO THE TEMPORARY PARTITIONS ARE NOT TO BE BLOCKED TO OPEN AT ANY TIME.

25. THE GENERAL CONTRACTOR 'S STORAGE AND STAGING AREAS ON SITE SHALL BE AS DIRECTED BY THE CAMPUS FACILITIES MANAGER / REPRESENTATIVE.

26. IT IS UNDERSTOOD THAT THE EXISTING STRUCTURE MAY CONTAIN ASBESTOS WHICH IS KNOWN TO PRESENT HEALTH HAZARDS. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY INVESTIGATION OR CONTROL OF THE HEALTH EFFECTS BEFORE, DURING, OR SUBSEQUENT TO HIS WORK, NOR OF THE SAFETY OF ANY PERSON USING THE EXISTING STRUCTURE DURING CONSTRUCTION.

27. ALL DEMOLITION SHALL BE CARRIED OUT IN A SAFE MANNER AND IN STRICT ACCORDANCE WITH OSHA REGULATIONS.

28. PROVIDE STRICT CONTROL OF JOB CLEANING AND PREVENT DUST AND DEBRIS FROM EMANATING FROM DEMOLITION/ CONSTRUCTION AREA(S). KEEP THE AREA CLEAN.

29. AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA(S) SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED.

30. ALL ABANDONED UTILITY LINES ARE TO BE REMOVED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL BACK TO ITS SOURCE. (INCLUDING ALL HANGERS, STRAPS, WIRES, ETC.) OF ANY ELECTRICAL, PLUMBING, GAS LINES, AND MECHANICAL DUCTWORK THAT ARE DISCOVERED AND NOT SCHEDULED FOR REUSE. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REROUTING AND MAINTENANCE OF ANY SYSTEM THAT MUST BE RETAINED FOR ADJACENT BUILDING AREAS THAT ARE NOT INCLUDED IN THIS CONTRACT. SEE MECHANICAL, ELECTICAL, AND PLUMBING DEMOLITION DRAWINGS FOR ADDITIONAL INFORMATION.

31. WHEN ITEMS ARE SHOWN AS DEMOLISHED: ALL ASSOCIATED ABANDONED CONDUIT, WIRE HANGERS, STRAPS, AND SUPPORTS MUST ALSO BE REMOVED.

32. LOCATE EXISTING UNDERGROUND UTILITIES IN THE AREAS OF WORK. IF UTILITIES ARE TO REMAIN IN PLACE, PROVIDE ADEQUATE MEANS OF PROTECTION DURING EARTHWORK OPERATIONS. SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITES BE ENCOUNTERED DURING EXCAVATION, CONSULT THE ARCHITECT IMMEDIATELY FOR DIRECTIONS AS TO PROCEDURE. THE CONTRACTOR SHALL BEAR ALL EXPENSES OF REPAIR OR REPLACEMENT OF UTILITIES OR OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH THE EXECUTION OF THE WORK.

33. ALL ELECTRICAL, MECHANICAL AND PLUMBING SERVICES LOCATED IN WALLS, CEILINGS, OR FLOORS TO BE REMOVED SHALL BE CAPPED AND REROUTED AS REQUIRED FOR NEW CONDITIONS AND IN ACCORDANCE WITH APPLICABLE CODES. SEE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

34. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY DEMOLITION FOR NEW PLUMBING, MECHANICAL AND ELECTRICAL WORK AS REQUIRED. COORDINATE WITH CONSTRUCTION DOCUMENTS FOR NEW CONSTRUCTION.

35. WHERE FLOOR AND WALL FINISHES ARE BEING REMOVED, ALL ADHESIVE RESIDUE, MECHANICAL FASTENERS, AND MISCELLANEOUS ITEMS SHALL ALSO BE REMOVED. ALL DEPRESSIONS/VOIDS CREATED IN THE EXISTING SLAB DUE TO REMOVAL OF EQUIPMENT SHALL BE FILLED ACCORDINGLY TO BRING THEM UP LEVEL AND FINISHED TO MATCH SURROUNDING FINISH SLAB.

36. ALL EXISTING LIGHT FIXTURES TO REMAIN SHALL BE CLEANED (SEE ELECTRICAL DRAWINGS).

37. CONTRACTOR SHALL PROTECT ALL STRUCTURAL MEMBERS FROM DAMAGE.

38. PRIOR TO REMOVAL OR CUTTING OF OPENINGS THROUGH STRUCTURAL WALLS, SLABS, AND ROOF DECKS, THE CONTRACTOR WILL PROVIDE ADEQUATE SHORING FOR FLOORS AND OTHER STRUCTURAL LOADS. SUPPORTS SHALL NOT BE REMOVED UNTIL THE NEW STRUCTUAL SYSTEM IS IN PLACE. CARE SHALL BE TAKEN SO AS NOT TO DAMAGE OR ALTER ANY EXISTING STRUCTURAL MEMBERS. THE ARCHITECT AND OWNER SHALL BE NOTIFIED IMMEDIATELY IF ANY DAMAGE OCCURS OR IS DISCOVERED DURING DEMOLITION.

39. PROCEED WITH DEMOLITION FROM TOP TO BOTTOM. DO NOT REMOVE ITEMS SUPPORTING OTHER MEMBERS WITHOUT PROVIDING TEMPORARY OR PERMANENT BRACING AS NECESSARY TO MAINTAIN THE STRUCTURAL CAPACITY OF THE ASSEMBLY. WHERE REQUIRED, ENGAGE A LICENSED STRUCTURAL ENGINEER TO DESIGN SHORING / BRACING SYSTEMS AND JOINT OR CONNECTION DETAILS.

40. THE GENERAL CONTRACTOR SHALL REPLACE ANY FIREPROOFING ON STRUCTURAL MEMBERS DISPLACED DURING DEMOLITION AND CONSTRUCTION.

41. WHEN PERFORMING CUTTING, PATCHING, OR ROOF TIE-IN WORK, THE CONTRACTOR SHALL USE ONLY MATERIALS & METHODS APPROVED BY THE EXISTING ROOF SYSTEM MANUFACTURER; UNLESS MANUFACTURE IS NOT KNOWN MATERIALS AND MENTHODS TO BE APPROVED BY GENERAL CONTRACTOR.

42. WHERE CUTTING OR DEMOLITION OF THE EXISTING BUILDING IS INDICATED OR REQUIRED TO ACCOMMODATE NEW CONSTRUCTION, THE STRUCTURAL ENGINEER SHALL BE CONSULTED PRIOR TO BEGINNING OF TASK TO DETERMINE IF THIS WORK WILL, IN ANY WAY UNDERMINE THE FOUNDATIONS OR COMPROMISE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING, AND TO DETERMINE A COURSE OF CORRECTIVE ACTION FOR RESTORING ANY DAMAGE AND RETURNING THE APPEARANCE TO AN ACCEPTABLE LEVEL.

43. WHENEVER POSSIBLE, ALL CUTS IN MASONRY WALLS SHALL OCCUR AT JOINT LINES. COORDINATE WITH NEW CONSTRUCTION.

44. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CONSULT THE ARCHITECT BEFORE PROCEEDING.

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LICENSE No. AR92948

Professional Seal

NO.	DATE	REVISION

PROJECT STATUS

Designed:	CPH
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Checked:	ML
Project No.:	2500049
Issue Date:	07/25/25
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DEMOLITION PLANS

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

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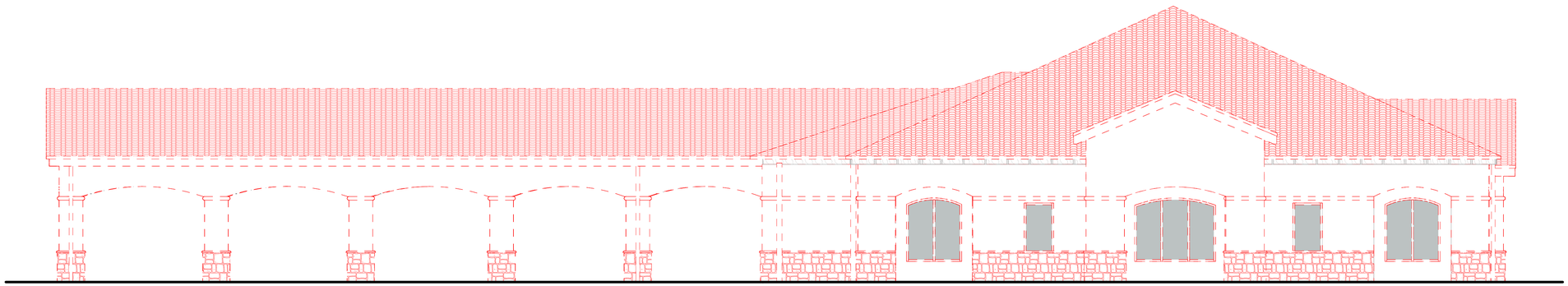
Sheet No.
AD101

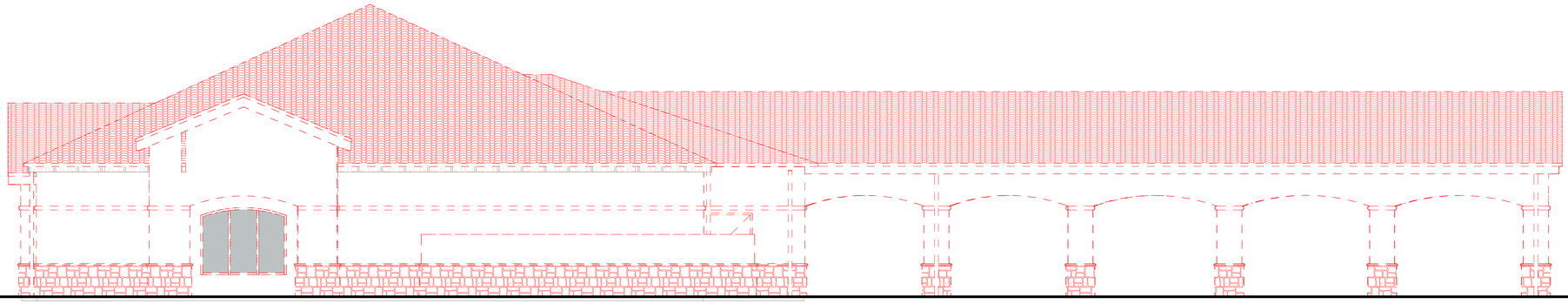
DEMO LEGEND

EXISTING TO REMAIN

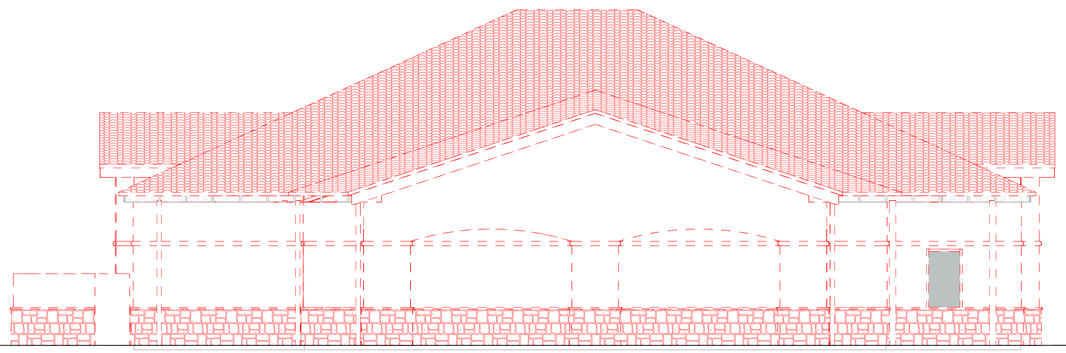
EXISTING TO BE REMOVED



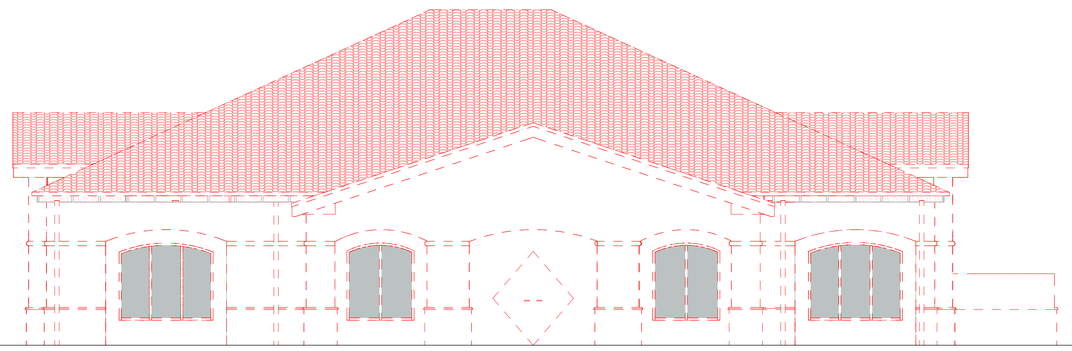
4 DEMOLITION SIDE (WEST) ELEVATION
3/16" = 1'-0"



3 DEMOLITION SIDE (EAST) ELEVATION
3/16" = 1'-0"



2 DEMOLITION REAR ELEVATION
3/16" = 1'-0"



1 DEMOLITION FRONT ELEVATION
3/16" = 1'-0"

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DEMOLITION ELEVATIONS

CHIPOTLE LITHIA SHELL RENOVATION
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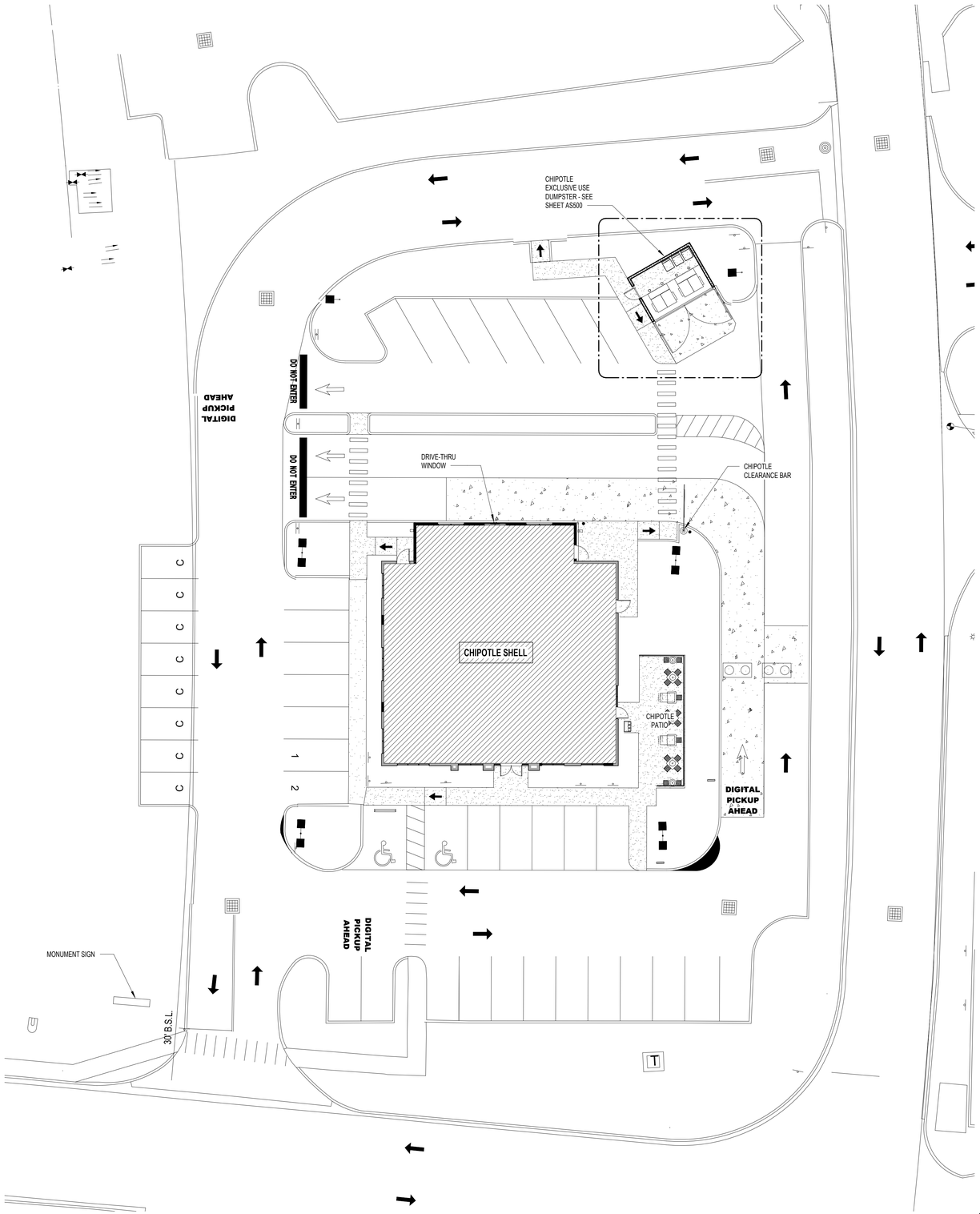
Sheet No.
AD201



1 ARCHITECTURAL SITE PLAN
1/16" = 1'-0"

TRUE NORTH

SITE PLAN NOTES

1. THE SITE PLAN INFORMATION CONTAINED ON THIS SHEET IS PROVIDED FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR DETAILED SITE INFORMATION. CIVIL DRAWINGS ARE CONTAINED IN A SEPARATE PERMIT PACKAGE.

2. SITE INFORMATION SHOWN HEREIN IS TAKEN FROM INFORMATION PROVIDED BY OTHERS NOT UNDER CONTRACT/CONTROL OF THE ARCHITECT. THE ARCHITECT HAS VERIFIED THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION BASED ON VISUAL OBSERVATION ONLY. THEREFORE, THE ARCHITECT SHALL NOT BE HELD RESPONSIBLE FOR ERRORS, OMISSIONS, CONFLICTS, DEFICIENCIES, OR INACCURACIES ARISING FROM THE DISCOVERY OF CONCEALED, UNKNOWN OR DIFFERING CONDITIONS AS A RESULT OF THIS CIRCUMSTANCE. THE CONTRACTOR SHOULD FULLY AQUAINT HIMSELF WITH THE SITE AND FIELD VERIFY ALL CONDITIONS AND DIMENSIONS PRIOR TO PERFORMING ANY WORK.

3. REFER TO CIVIL DRAWINGS FOR GRADING, BUILDING LOCATION, PARKING AND LOCATION OF ALL UTILITIES.

4. THIS IS NOT A SURVEY. REFER TO THE PLATTED SURVEY FOR ACCURACY.

5. NO SIGNAGE IS INCLUDED IN THIS PACKAGE. THE SIGNAGE SHOWN FOR REFERENCE ONLY. ALL SIGNAGE MUST BE PERMITTED SEPARATELY.

6. REFERENCE SHEET G SERIES DRAWINGS FOR GENERAL NOTES AND CONDITIONS AFFECTING THIS WORK.

7. AFTER FINAL GRADING AND PRIOR TO CONSTRUCTION, PRE-TREAT SOIL UNDER NEW CONSTRUCTION FOR WOOD DESTROYING ORGANISMS PER IBC 1816.

8. LANDSCAPE IMPROVEMENTS WILL BE INSPECTED BY LOCAL AUTHORITIES PRIOR TO THE ISSUANCE OF OCCUPANCY. REFERENCE LANDSCAPE PLANS FOR LANDSCAPING, HARDSCAPING AND IRRIGATION REQUIREMENTS.

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ARCHITECTURAL SITE PLAN

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

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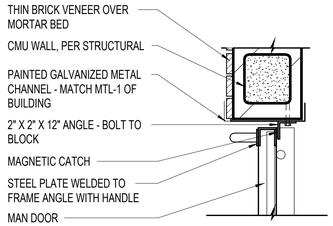
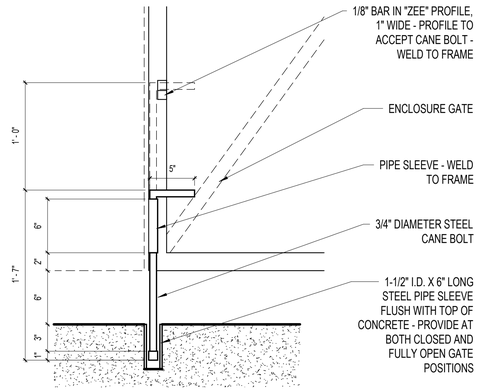
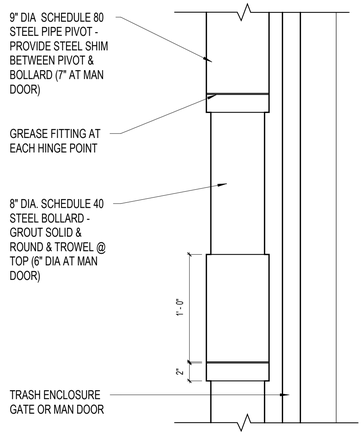
Sheet No.
AS100



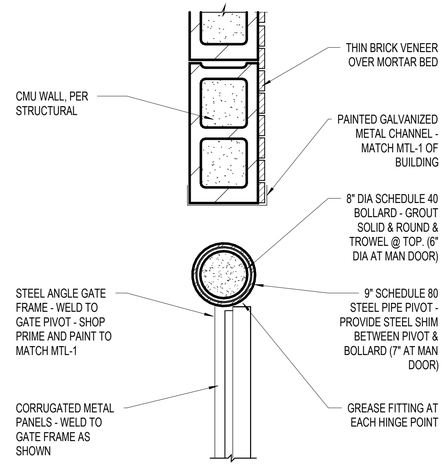
9 MAN DOOR LATCH DETAIL
1 1/2" = 1'-0"



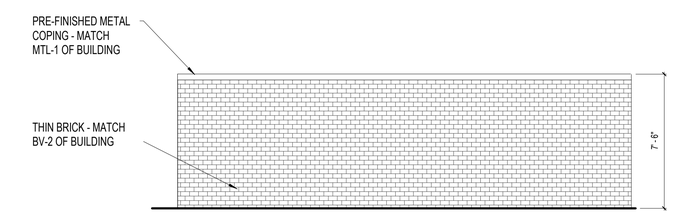
8 CANE BOLT DETAIL
1 1/2" = 1'-0"



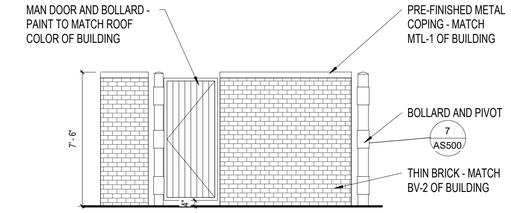
7 AS500_DUMPSTER GATE PIVOT
1 1/2" = 1'-0"



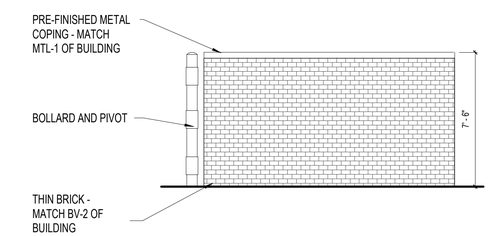
6 TYPICAL GATE BOLLARD DETAIL
1 1/2" = 1'-0"



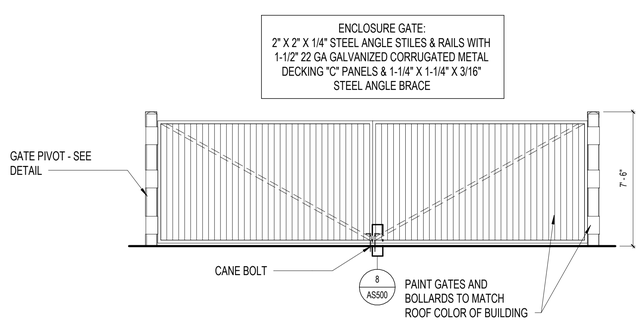
5 DUMPSTER REAR ELEVATION
1/4" = 1'-0"



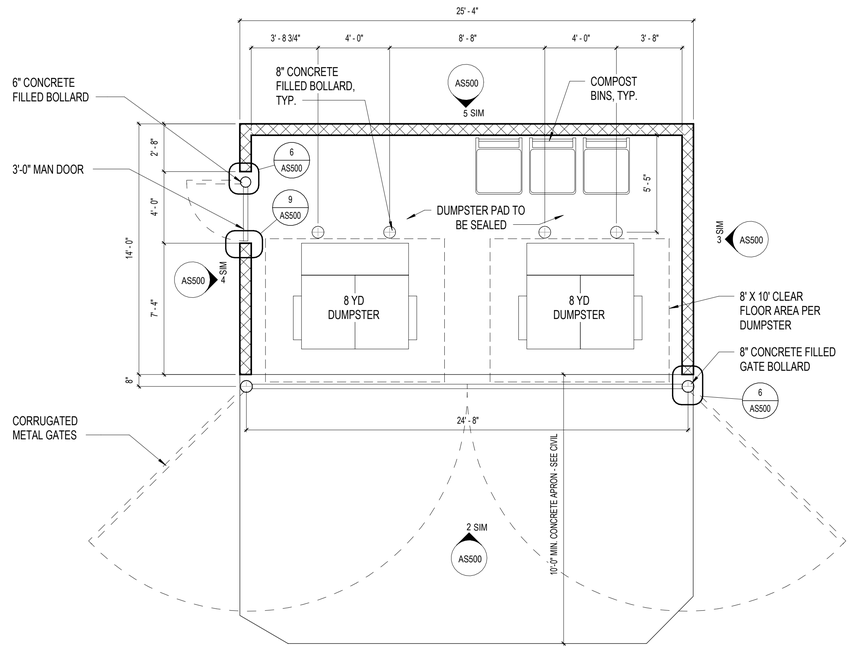
4 DUMPSTER MAN DOOR SIDE ELEVATION
1/4" = 1'-0"



3 DUMPSTER SIDE ELEVATION
1/4" = 1'-0"



2 DUMPSTER FRONT ELEVATION
1/4" = 1'-0"



1 AS100_DUMPSTER PLAN
1/4" = 1'-0"

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ARCHITECTURAL SITE - DUMPSTER ENCLOSURE

CHIPOTLE LITHIA SHELL RENOVATION
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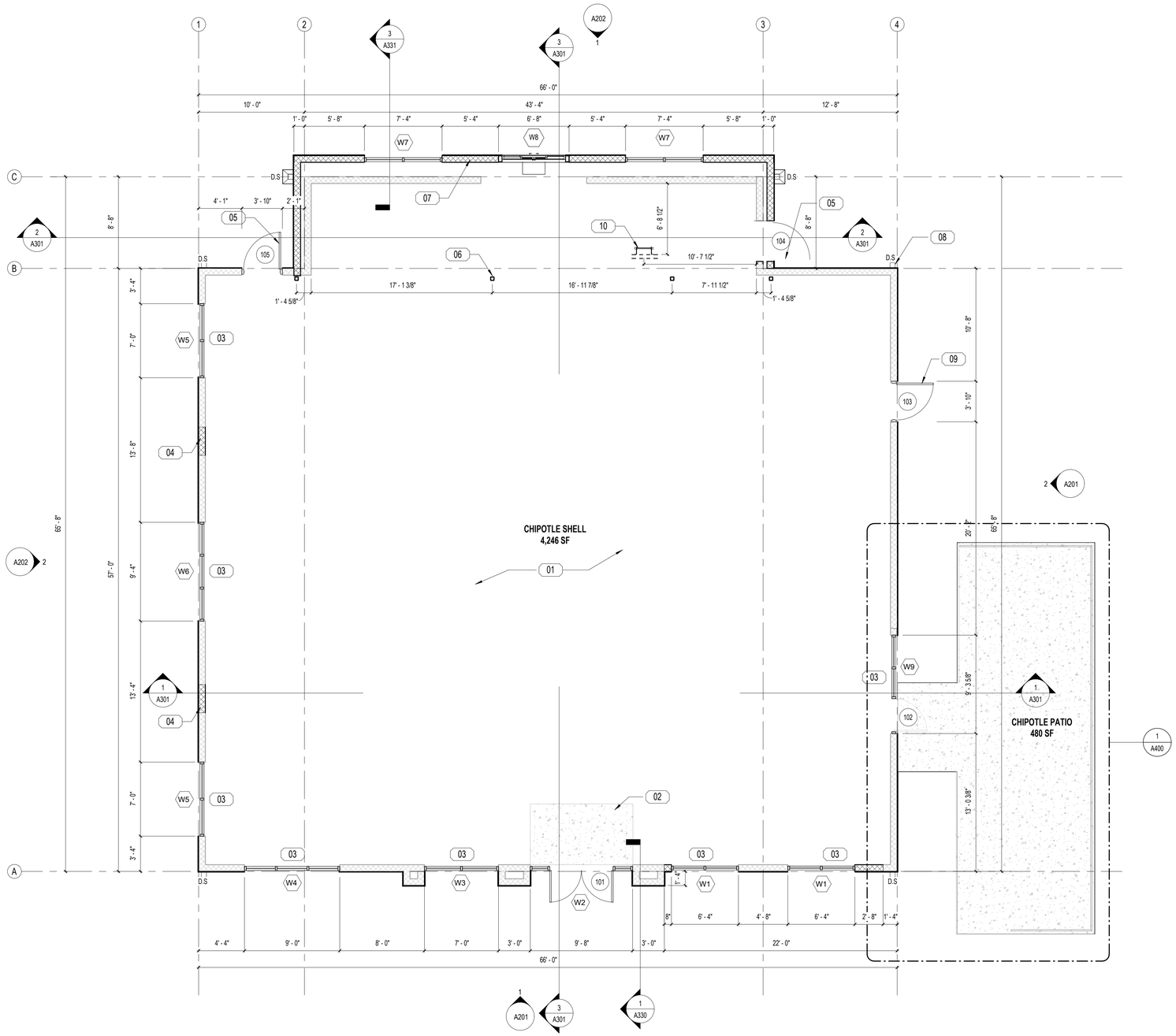
Sheet No.
AS500



1 NEW WORK FLOOR PLAN
3/16" = 1'-0"

TRUE NORTH

FLOOR PLAN NOTES

1. REFER TO LIFE SAFETY PLAN FOR LIFE SAFETY INFORMATION, INCLUDING WALL RATINGS.

2. FURNITURE SHOWN FOR REFERENCE ONLY.

3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AND OBTAIN ALL MEASUREMENTS REQUIRED FOR PROPER EXECUTION OF WORK. WHEN VERIFICATION OF EXISTING DIMENSIONS IS REQUIRED, THE CONTRACTOR REQUIRING SAID VERIFICATION FOR THE CONSTRUCTION OR FABRICATION OF HIS MATERIAL SHALL BE THE CONTRACTOR RESPONSIBLE FOR THE PROCUREMENT OF THE FIELD INFORMATION.

4. REFER TO ENLARGED PLANS / DETAILS FOR ADDITIONAL DIMENSIONS NOT SHOWN ON THESE PLANS.

6. REFER TO GENERAL SHEETS FOR DRAWING CONVENTIONS AND SYMBOLS.

7. REFERENCE GENERAL NOTES FOR CONDITIONS AND ADDITIONAL REQUIREMENTS AFFECTING THIS WORK.

8. FINISH FLOOR DATUM (REFERENCE) = 100'-0" IS TO TOP OF SLAB. REFER TO CIVIL DRAWINGS FOR ACTUAL FINISH FLOOR ELEVATION.

9. THE CONTRACTOR SHALL COORDINATE ALL WORK ON THIS SHEET. WITH THE DEMOLITION WORK, AND THE MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND FIRE PROTECTION DRAWINGS.

10. EXISTING CONDITIONS NOT PART OF THIS PERMIT ARE SHOWN SCREENED OR HALF TONED.

11. REFERENCE THE A-600 SERIES SHEETS FOR DOOR, GLAZING AND FINISH SCHEDULES.

12. WINDOWS WITHIN 24" OF DOOR SHALL BE SAFETY GLASS. ALL GLAZING IN HAZARDOUS LOCATIONS SHALL BE TEMPERED FOR IMPACT RESISTANCE AS INDICATED IN THE BUILDING CODE.

13. REFER TO ENLARGED PLANS FOR ADDITIONAL INFO. INCLUDING DIMENSIONS, DOOR TAGS, WALL TYPES, GLAZING LAYOUT, AND CONSTRUCTION DETAILS. ENLARGED PLANS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS. NOTIFY THE ARCHITECT OF ANY CONFLICT BEFORE PROCEEDING.

14. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL PARTITION STRUCTURAL REQUIREMENTS. THE MOST STRINGENT REQUIREMENT APPLIES.

15. COORDINATE, CONSTRUCT, AND SEAL ALL OPENINGS IN PARTITIONS WITH ALL TRADES MAINTAINING THE LEVEL OF SECURITY, FIRE RATING, AND ACOUSTICAL RATING AS REQUIRED BY THE PARTITION TYPE. WHERE INSULATION IS INDICATED ON WALL TYPES, PROVIDE ACOUSTICAL (SOUND) SEALANT AT NON-RATED WALLS AND FIRE-RATED SEALANT AT RATED WALLS AS REQUIRED BY THE FIRE RATING TEST NUMBER.

16. ALL SUBGRADE UNDER NEW SLABS TO BE COMPACTED AND TERMITE TREATED PER FBC 1816.1.

KEYNOTE LEGEND

#	DESCRIPTION
01	EXISTING SLAB TO REMAIN
02	NEW SLAB INFILL AT PREVIOUS RECESSED ENTRY AREA - SLAB HEIGHT TO MATCH EXISTING
03	<varies>
04	MASONRY INFILL AT EXISTING OPENING
05	NEW DOOR AT WIDENED MASONRY OPENING - SEE DOOR SCHEDULE
06	NEW STEEL COLUMN, PER STRUCTURAL
07	NEW 8" CMU WALLS AT REAR EXPANSION, PER STRUCTURAL
08	DOWNSPOUT CONNECTED TO UNDERGROUND STORM DRAIN, TYP OF ALL
09	NEW DOOR IN NEW OPENING - SEE DOOR SCHEDULE
10	ROOF LADDER TO ROOF HATCH - CONFIRM FINAL LOCATION WITH TENANT DRAWINGS

PLAN LEGEND

- EXISTING TO REMAIN
- NEW WORK
- NOT IN SCOPE

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ARCHITECTURAL FLOOR PLAN

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

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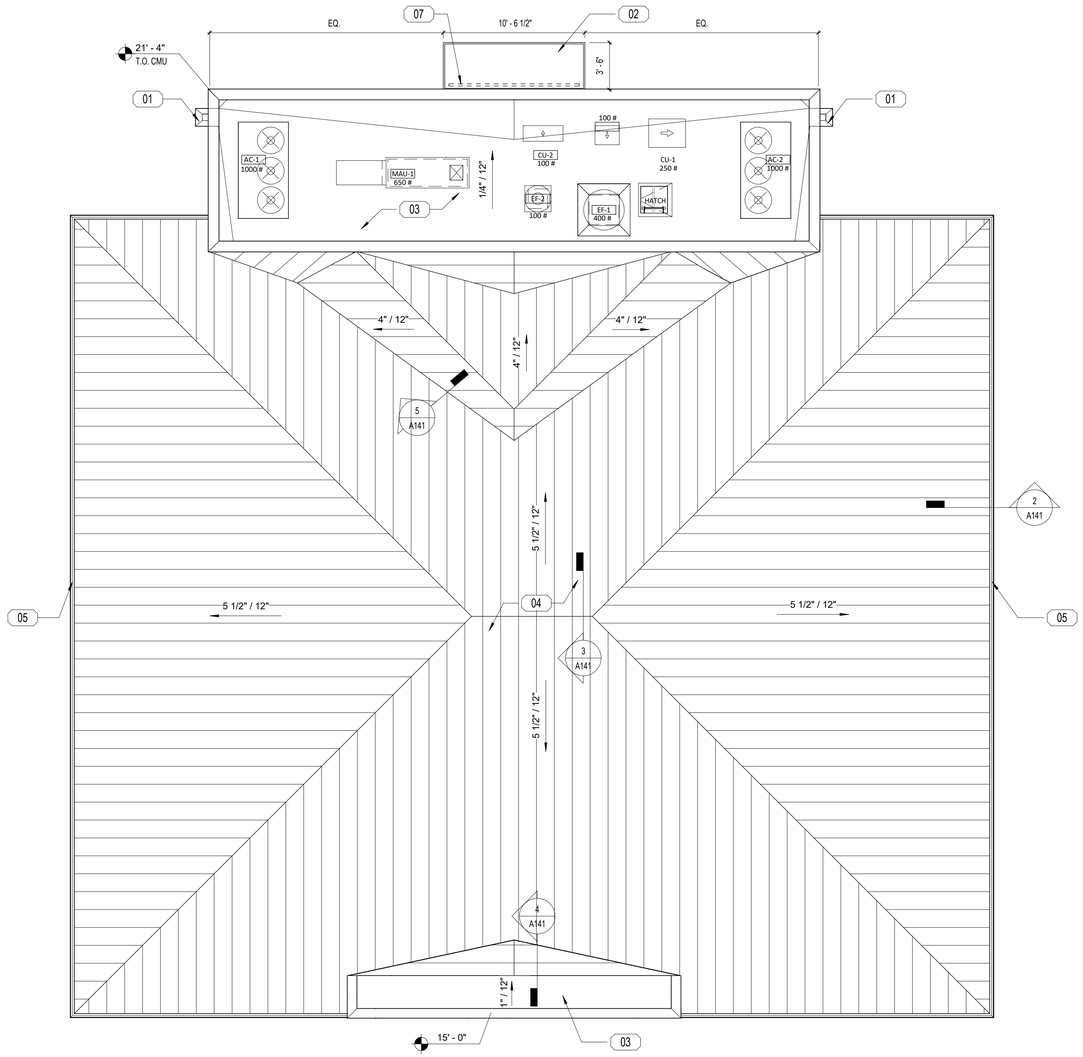
Sheet No.
A101



1 NEW WORK ROOF PLAN
3/16" = 1'-0"

KEYNOTE LEGEND	
#	DESCRIPTION
01	DOWNSPOUT - CONNECT TO UNDERGROUND STORM DRAIN
02	PRE-ENGINEERED CANTILEVERED CANOPY BY AMERICAN PRODUCTS, INC - GC TO SUBMIT SHOP DRAWINGS FOR REVIEW
03	<varies>
04	NEW STANDING SEAM METAL PANEL ROOFING INSTALLED OVER UNDERLAY AND EXISTING ROOF SHEATHING. GC TO VERIFY CONDITION OF SHEATHING PRIOR TO ROOF INSTALLATION.
05	6" GUTTERS - SEE FLOOR PLAN FOR DOWNSPOUT LOCATIONS, TYP.
07	LED CHANNEL LIGHT AT UNDERSIDE OF CANOPY - SEE ELECTRICAL

ROOF PLAN NOTES

1. ARROW INDICATES THE DOWNWARD DIRECTION OF THE ROOF SLOPE. ALL SLOPES ARE TO BE 1/4" PER FOOT MINIMUM UNLESS NOTED OTHERWISE.

2. MECHANICAL AND PLUMBING EQUIPMENT, AND VENTS ARE SHOWN FOR REFERENCE ONLY. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR ROOFTOP EQUIPMENT, CURBS, VENTS, PIPES, AND CONDUITS PENETRATING THE ROOF.

3. PROVIDE CRICKETS AROUND ALL ROOFTOP EQUIPMENT AND HATCHES TO CREATE POSITIVE DRAINAGE. CRICKETS SHALL HAVE A 1/2" / 12" SLOPE MINIMUM UNLESS NOTED OTHERWISE.

4. PENETRATIONS ARE REQUIRED TO BE A MINIMUM OF 12 INCHES FROM A WALL OR OTHER PENETRATIONS.

5. ANY ROOF PENETRATIONS CREATED AFTER ROOF INSTALLATION ARE TO BE PERFORMED BY THE ROOF CONTRACTOR.

6. ROOFING DETAILS ARE LARGELY SCHEMATIC SHOWN IN THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE AND COMPLY WITH ALL MANUFACTURER SPECIFICATIONS AND INSTALL PER MANUFACTURER DETAILS.

7. COORDINATE ALL ROOF DRAINAGE WITH CIVIL DRAWINGS.

8. ALL WALKPADS SHALL BE BOUND TO THE PERIMETER OF ROOF-MOUNTED EQUIPMENT AND ROOF HATCHES. PROVIDE A MINIMUM OF 4'-0" ON EACH SIDE. INSTALL WALKPADS SUCH THAT CROSS DRAINAGE IS NOT IMPEDED.

9. THE CONTRACTOR IS TO COORDINATE THE FINAL LOCATION OF THE ROOF HATCH, ROOF ACCESS LADDER, AND ROOFTOP EQUIPMENT BEFORE FRAMING.

10. NO ELECTRICAL CONDUIT IS TO BE PLACED ABOVE THE ROOF.

11. THE CONTRACTOR SHALL COORDINATE ALL WORK ON THIS SHEET, WITH THE DEMOLITION WORK, AND THE MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND FIRE PROTECTION DRAWINGS.

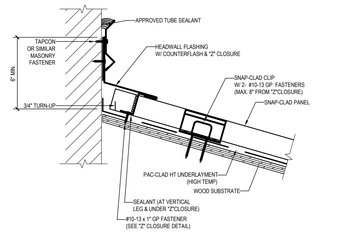
12. EXISTING CONDITIONS NOT PART OF THIS PERMIT SHOWN SCREENED OR HALF TONED.

13. ROOFING SYSTEM(S) SHALL BE DESIGNED, FABRICATED, AND INSTALLED TO WITHSTAND WIND SPEED DESIGN IDENTIFIED ON STRUCTURAL DRAWINGS.

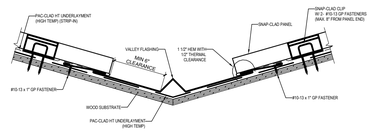
14. FURNISH ALL LABOR, MATERIALS AND EQUIPMENT REQUIRED TO INSTALL A COMPLETE ROOFING SYSTEM, COMPLETE WITH ALL ACCESSORIES AND INCIDENTALS REQUIRED BY THE ROOFING MANUFACTURER.

15. INSTALLER SHALL PROVIDE CERTIFICATION FROM ROOFING SYSTEM MANUFACTURER THAT INSTALLER IS APPROVED FOR INSTALLATION OF SPECIFIED ROOFING SYSTEM.

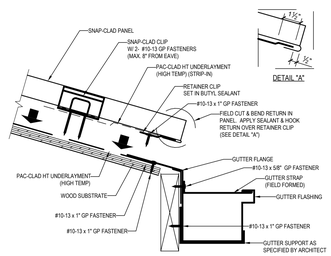
16. CONTRACTOR SHALL PROVIDE MINIMUM 20 YEAR NDL WARRANTY AGREEING TO PROMPT REPAIR OF LEAKS RESULTING FROM DEFECTIVE MATERIALS OR WORKMANSHIP FOR BOTH PVC AND METAL ROOF SYSTEMS.



4 SNAP-CLAD HEADWALL DETAIL
N.T.S.

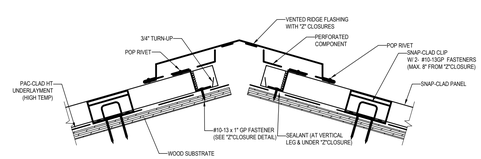


5 A141_SNAP-CLAD VALLEY DETAIL
1 1/2" = 1'-0"



TRUE NORTH

2 A141_SNAP-CLAD GUTTER DETAIL
N.T.S.



3 A141_SNAP-CLAD RIDGE DETAIL
N.T.S.

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ROOF PLAN

CHIPOTLE LITHIA SHELL RENOVATION
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Sheet No.
A141

EXTERIOR FINISH SCHEDULE

CODE	MATERIAL	MANUFACTURER	DESCRIPTION	
			COLOR	NOTES
BV-2	BRICK VENEER	BELDEN BRICK	ALASKA WHITE VELOUR	GROUT: SGS #60A "WHITE" BY SOLOMON GRIND SERVICES
EF-1	EIFS TRIM	STO CORP.	MATCH 'GRAPHITE' ROOF COLOR	
EF-2	EIFS TRIM	STO CORP.	MATCH 'WHITE' BRICK COLOR	
MTL-1	PRE-FINISHED METAL COPING	---	MATCH 'GRAPHITE' ROOF COLOR	
MTL-2	PRE-ENGINEERED CANOPY	AMERICAN PRODUCTS, INC.	BLACK PERMAFLOUR	
MTL-3	HOLLOW METAL DOOR	---	PAINT PPG BLACK MAGIC	
MTL-4	STNADING SEAM METAL ROOF	PAC-CLAD / SNAP-CLAD	GRAPHITE	
MTL-5	DRIVE-THRU WINDOW	QUIKSERV	BLACK PERMAFLOUR	
MTL-6	SCUPPERS / DOWNSPOUTS	---	MATCH 'GRAPHITE' ROOF COLOR	
MTL-7	GUTTERS	---	MATCH 'GRAPHITE' ROOF COLOR	
SF-1	ALUMINUM STOREFRONT	KAWNEER	BLACK PERMAFLOUR	

NOTE: GC TO PROVIDE MATERIAL SAMPLES OF EACH PRODUCT TO OWNER AND ARCHITECT FOR REVIEW AND APPROVAL

EXTERIOR ELEVATION GENERAL NOTES

1. ELEVATION HEIGHTS ARE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR ACTUAL FLOOR HEIGHT ABOVE SEA LEVEL. CONTACT THE ARCHITECT OF RECORD IF HEIGHTS DIFFER.

2. ALL VERTICAL DIMENSIONS ARE FROM THE FINISHED FLOOR, UNLESS NOTED OTHERWISE.

3. NO SIGNAGE IS INCLUDED IN THIS PACKAGE. SIGNAGE IS SHOWN FOR REFERENCE ONLY. ALL SIGNS MUST BE PERMITTED SEPARATELY.

4. DO NOT TRANSITION PAINT COLORS ON AN EXTERIOR CORNER. ALL COLOR CHANGES SHOULD BE AT INTERIOR CORNERS, UNLESS NOTED OTHERWISE, CONTACT THE ARCHITECT IF A CONFLICT OCCURS.

5. PAINT ALL EXPOSED EDGES OF TRIM, INCLUDING THE TOP AND BOTTOM EDGES.

6. ALL METAL PAINT TO BE ENAMEL BASE.

7. LOUVERS AND PANEL FRONTS SHALL BE SPRAY-PAINTED TO MATCH ADJACENT SURFACES, INCLUDING FACTORY-FINISHED ITEMS, UNLESS NOTED OTHERWISE, BRUSH PAINTING OF THESE ITEMS WILL NOT BE PERMITTED.

8. THE GENERAL CONTRACTOR SHALL PAINT ALL EXPOSED PIPES, CONDUITS, DISCONNECTS & JUNCTION BOXES TO MATCH THE ADJACENT SURFACE.

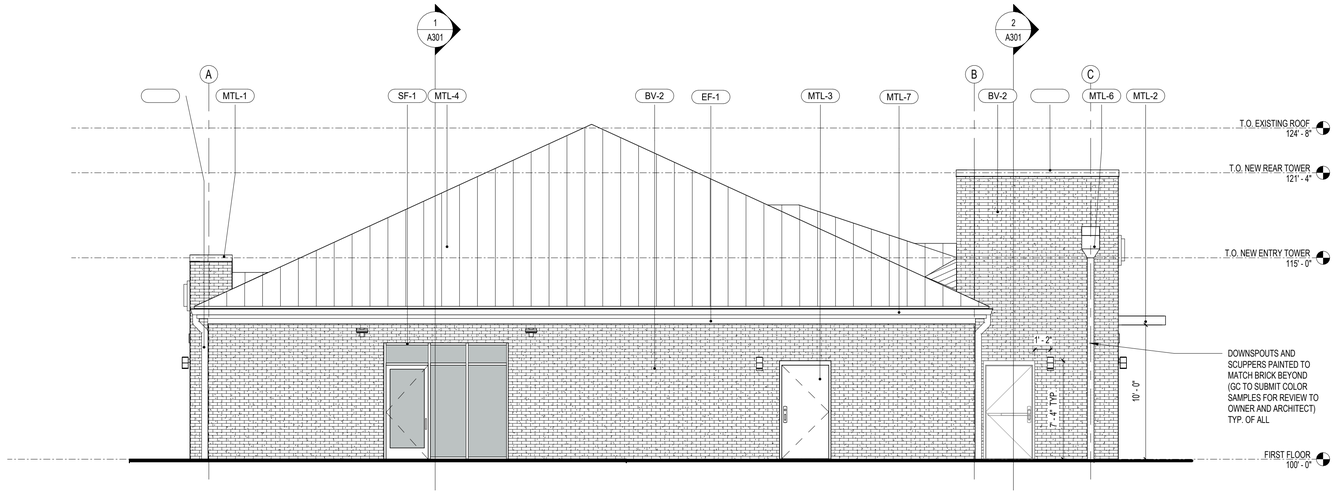
9. PROVIDE AND COORDINATE KNOXBOX LOCATION WITH FIRE DEPARTMENT AND LIFE SAFETY PLAN PRIOR TO INSTALLATION.

10. THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK ON THIS SHEET WITH DEMOLITION WORK, AND THE MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND FIRE PROTECTION DRAWINGS.

11. ALL PRE-MANUFACTURED TRIM, MOULDINGS, CLADDING & COMPONENTS SHALL BE FASTENED & ADHERED TO THE BUILDING PER MANUFACTURER SPECIFICATIONS TO WITHSTAND DESIGN WIND PRESSURE IDENTIFIED ON STRUCTURAL DRAWINGS.

12. COORDINATE WITH ARCHITECT THE LOCATION OF ALL ADDITIONAL CONTROL JOINTS REQUIRED BUT NOT INDICATED ON PLANS.

13. ALL EXTERIOR SURFACES TO BE PAINTED IN THE FIELD OR BE PROVIDED WITH FACTORY OR SHOP APPLIED FINISH AS REQUIRED. ALL COLORS SHALL BE SELECTED BY ARCHITECT, APPROVED BY OWNER.



2 SIDE (EAST) ELEVATION
3/16" = 1'-0"

1 FRONT ELEVATION
3/16" = 1'-0"

ELEVATION/SECTION LEGEND

EXISTING TO REMAIN

NEW WORK

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Plans Prepared By :
CPH Consulting, LLC.

JURISDICTION: HILLSBOROUGH COUNTY
QUALIFYING AGENT
LICENSE No. AR92948

Professional Seal

NO.	DATE	REVISION

PROJECT STATUS

Designed:	CPH
Drawn:	AM
Checked:	ML
Project No.:	2500049
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EXTERIOR ELEVATIONS

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

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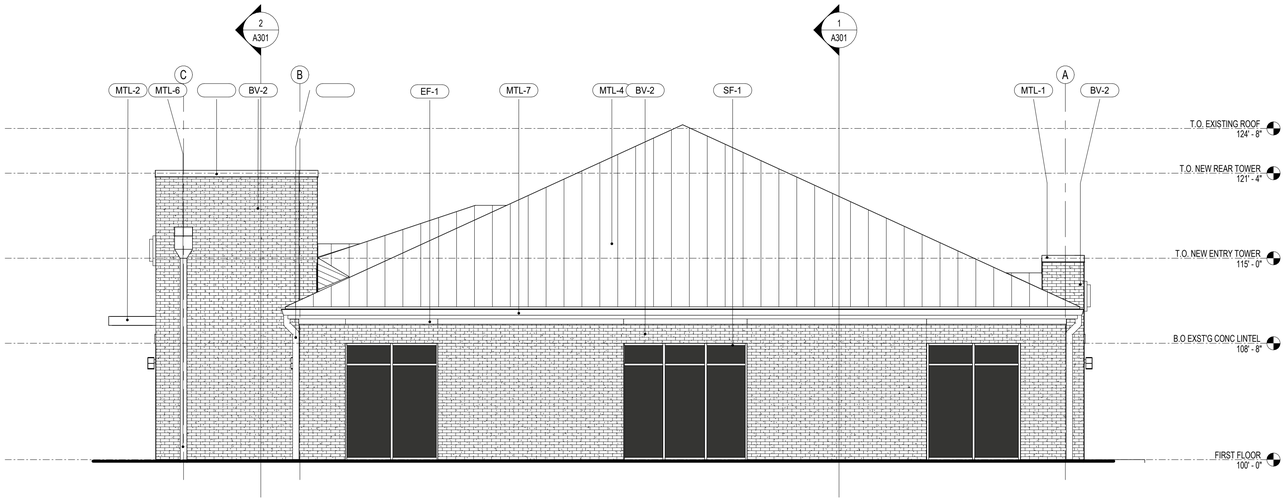
Sheet No.
A201



2 SIDE (WEST) ELEVATION
3/16" = 1'-0"

1 REAR ELEVATION
3/16" = 1'-0"

EXTERIOR ELEVATION GENERAL NOTES

1. ELEVATION HEIGHTS ARE FOR REFERENCE ONLY. SEE CIVIL DRAWINGS FOR ACTUAL FLOOR HEIGHT ABOVE SEA LEVEL. CONTACT THE ARCHITECT OF RECORD IF HEIGHTS DIFFER.

2. ALL VERTICAL DIMENSIONS ARE FROM THE FINISHED FLOOR, UNLESS NOTED OTHERWISE.

3. NO SIGNAGE IS INCLUDED IN THIS PACKAGE. SIGNAGE IS SHOWN FOR REFERENCE ONLY. ALL SIGNS MUST BE PERMITTED SEPARATELY.

4. DO NOT TRANSITION PAINT COLORS ON AN EXTERIOR CORNER. ALL COLOR CHANGES SHOULD BE AT INTERIOR CORNERS, UNLESS NOTED OTHERWISE, CONTACT THE ARCHITECT IF A CONFLICT OCCURS.

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6. ALL METAL PAINT TO BE ENAMEL BASE.

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13. ALL EXTERIOR SURFACES TO BE PAINTED IN THE FIELD OR BE PROVIDED WITH FACTORY OR SHOP APPLIED FINISH AS REQUIRED. ALL COLORS SHALL BE SELECTED BY ARCHITECT, APPROVED BY OWNER.

ELEVATION/SECTION LEGEND

EXISTING TO REMAIN

NEW WORK

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EXTERIOR ELEVATIONS

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

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Sheet No.
A202

BUILDING SECTION GENERAL NOTES

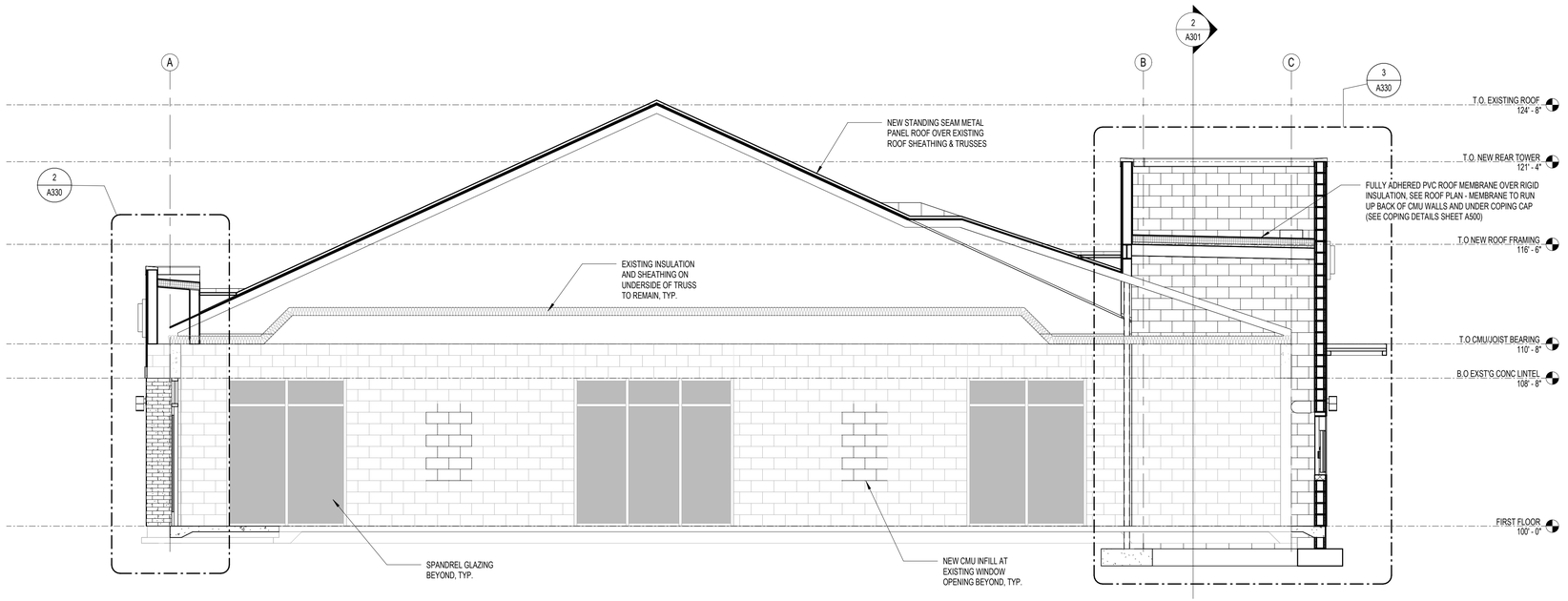
1. FINISH FLOOR DATUM (REFERENCE) = 0'-0" IS TO TOP OF SLAB. REFER TO CIVIL DRAWINGS FOR ACTUAL FINISH FLOOR ELEVATION.

2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL WORK ON THIS SHEET WITH THE DEMOLITION WORK, AND THE MECHANICAL, ELECTRICAL, PLUMBING, STRUCTURAL AND FIRE PROTECTION DRAWINGS.

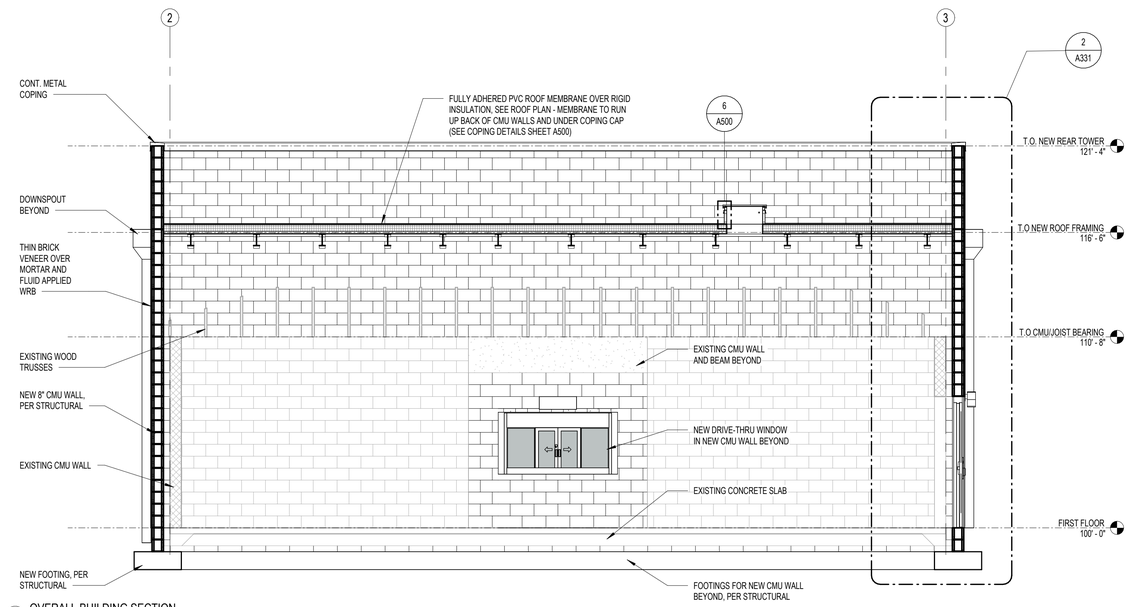
3. ELEVATION HEIGHTS ARE FOR REFERENCE ONLY TO ARCHITECTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR ACTUAL FLOOR HEIGHT ABOVE SEA LEVEL. CONTACT THE ARCHITECT OF RECORD IF HEIGHTS DIFFER.

4. STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

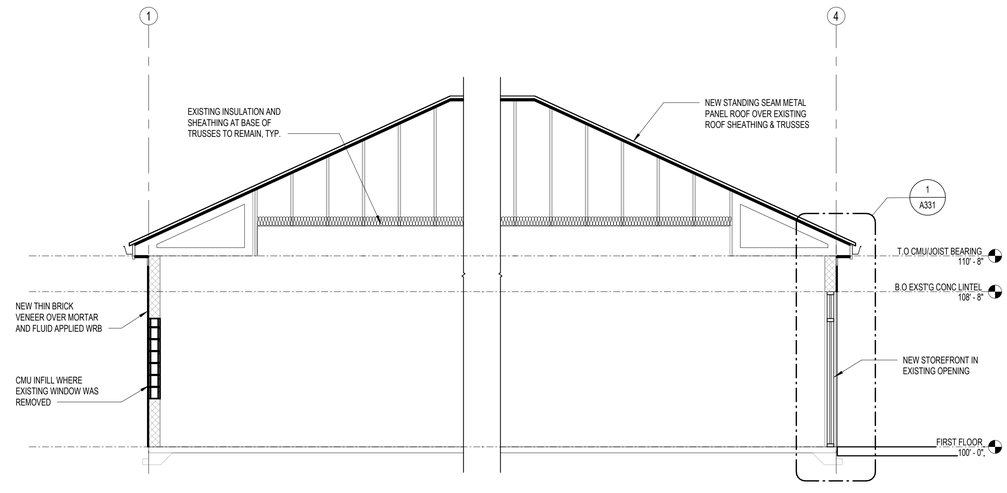
5. THE EXISTING STRUCTURE IS SHOWN FOR REFERENCE ONLY.



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



2 OVERALL BUILDING SECTION
1/4" = 1'-0"



1 OVERALL BUILDING SECTION
1/4" = 1'-0"

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BUILDING SECTIONS

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

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Sheet No.
A301

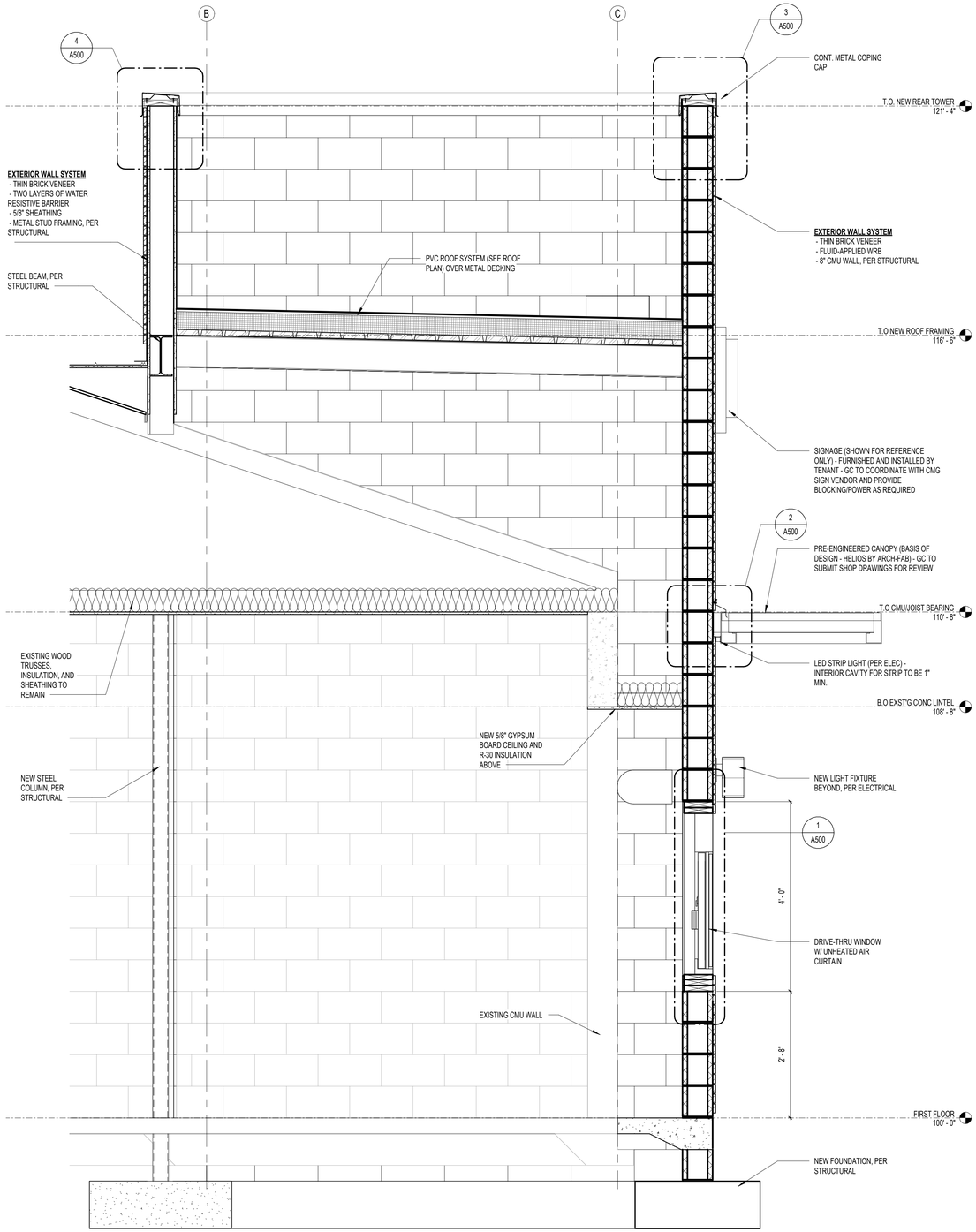
WALL SECTION NOTES

1. ELEVATION HEIGHTS ARE FOR REFERENCE ONLY TO ARCHITECTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR ACTUAL FLOOR HEIGHT ABOVE SEA LEVEL. CONTACT THE ARCHITECT OF RECORD IF HEIGHTS DIFFER.

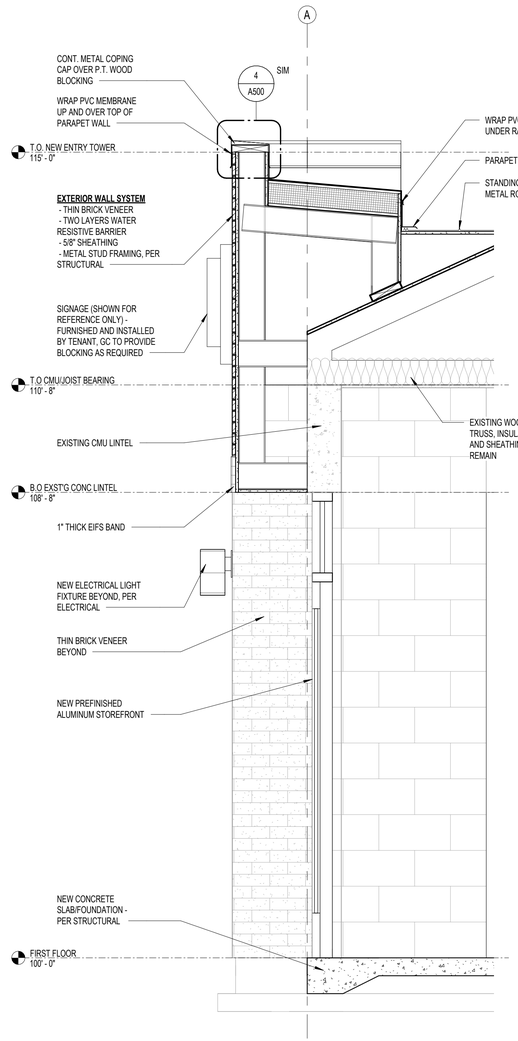
2. STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

3. SLOPE SIDEWALK AND EXTERIOR GRADE MIN. 2% AWAY FROM BUILDING.

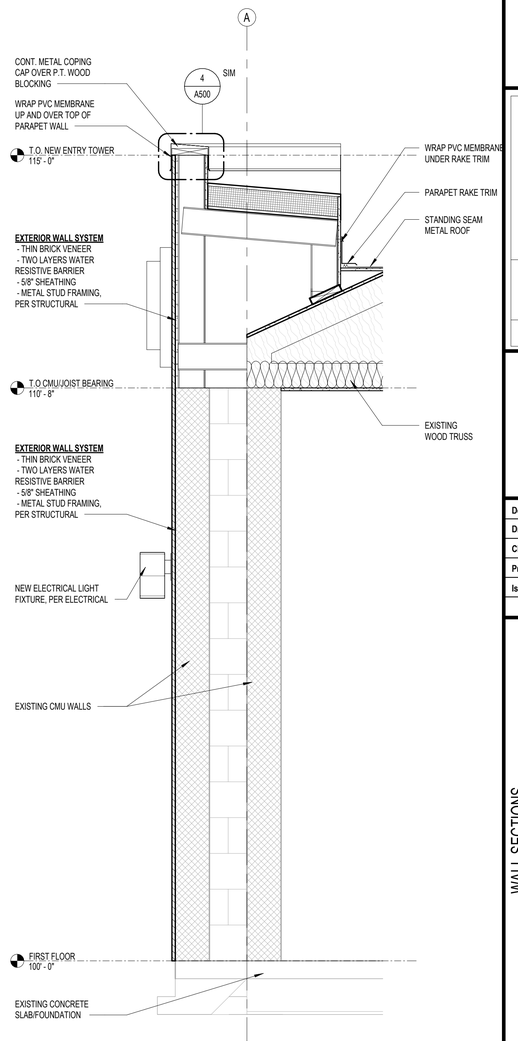
4. THE EXISTING STRUCTURE IS SHOWN FOR REFERENCE ONLY.



3 SECTION @ NEW DRIVE THRU TOWER
3/4" = 1'-0"



2 SECTION @ ENTRY TOWER
3/4" = 1'-0"



1 SECTION @ ENTRY TOWER WALLS
3/4" = 1'-0"

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WALL SECTIONS

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd, Lithia, Fl 33547

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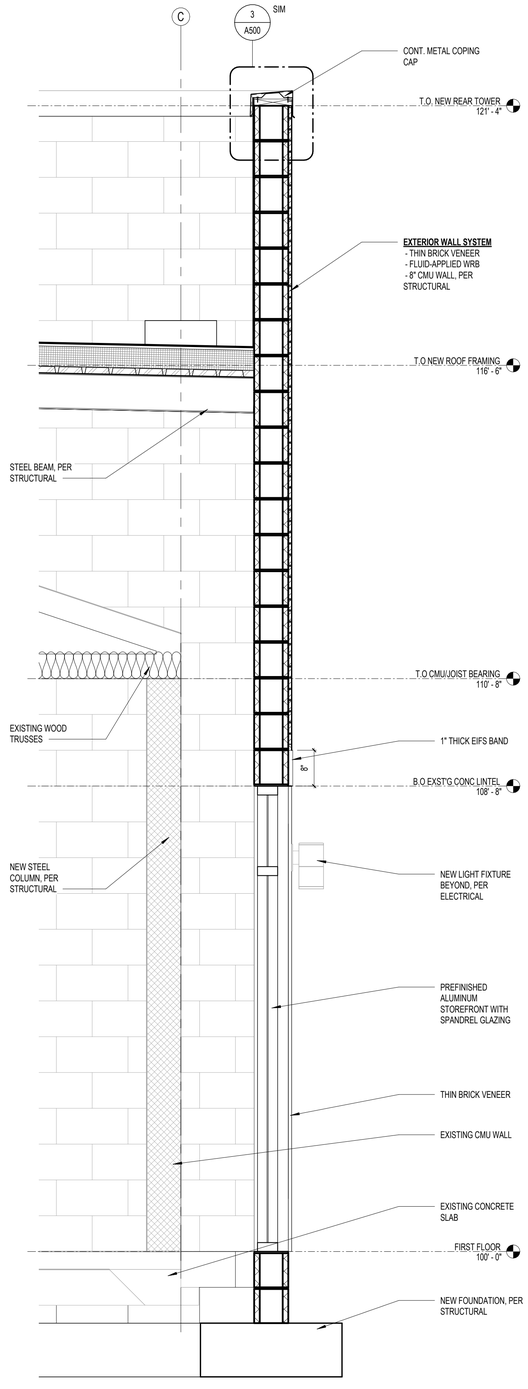
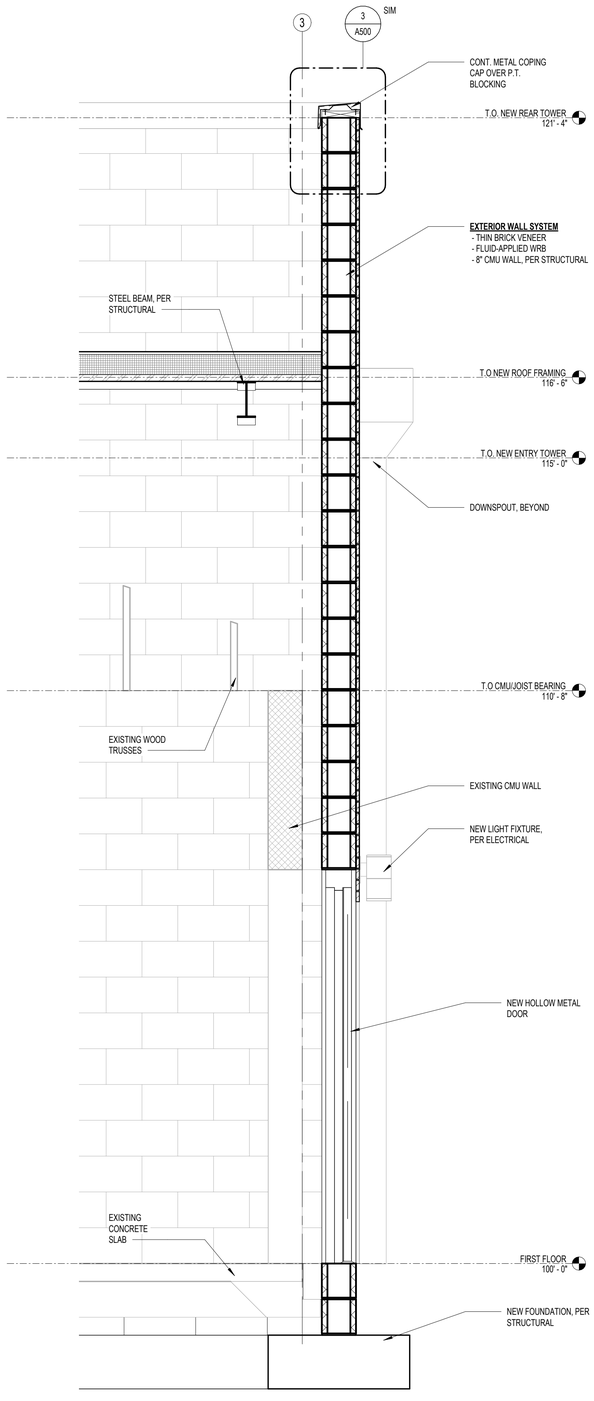
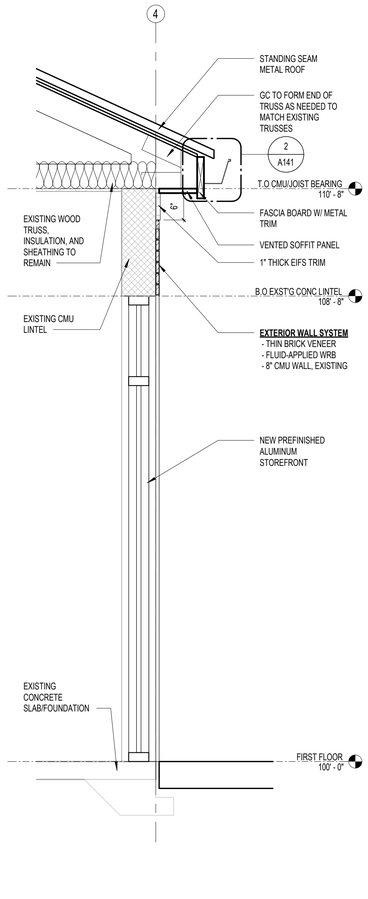
Sheet No.
A330



3 SECTION @ STOREFRONT OF DRIVE-THRU TOWER
3/4" = 1'-0"



2 SECTION AT DRIVE THRU DOOR
3/4" = 1'-0"



1 SECTION @ EXISTING WALL NEW STOREFRONT
3/4" = 1'-0"

WALL SECTION NOTES

1. ELEVATION HEIGHTS ARE FOR REFERENCE ONLY TO ARCHITECTURAL DRAWINGS. SEE CIVIL DRAWINGS FOR ACTUAL FLOOR HEIGHT ABOVE SEA LEVEL. CONTACT THE ARCHITECT OF RECORD IF HEIGHTS DIFFER.

2. STRUCTURAL ELEMENTS ARE SHOWN FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

3. SLOPE SIDEWALK AND EXTERIOR GRADE MIN. 2% AWAY FROM BUILDING.

4. THE EXISTING STRUCTURE IS SHOWN FOR REFERENCE ONLY.

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WALL SECTIONS

CHIPOTLE LITHIA SHELL RENOVATION
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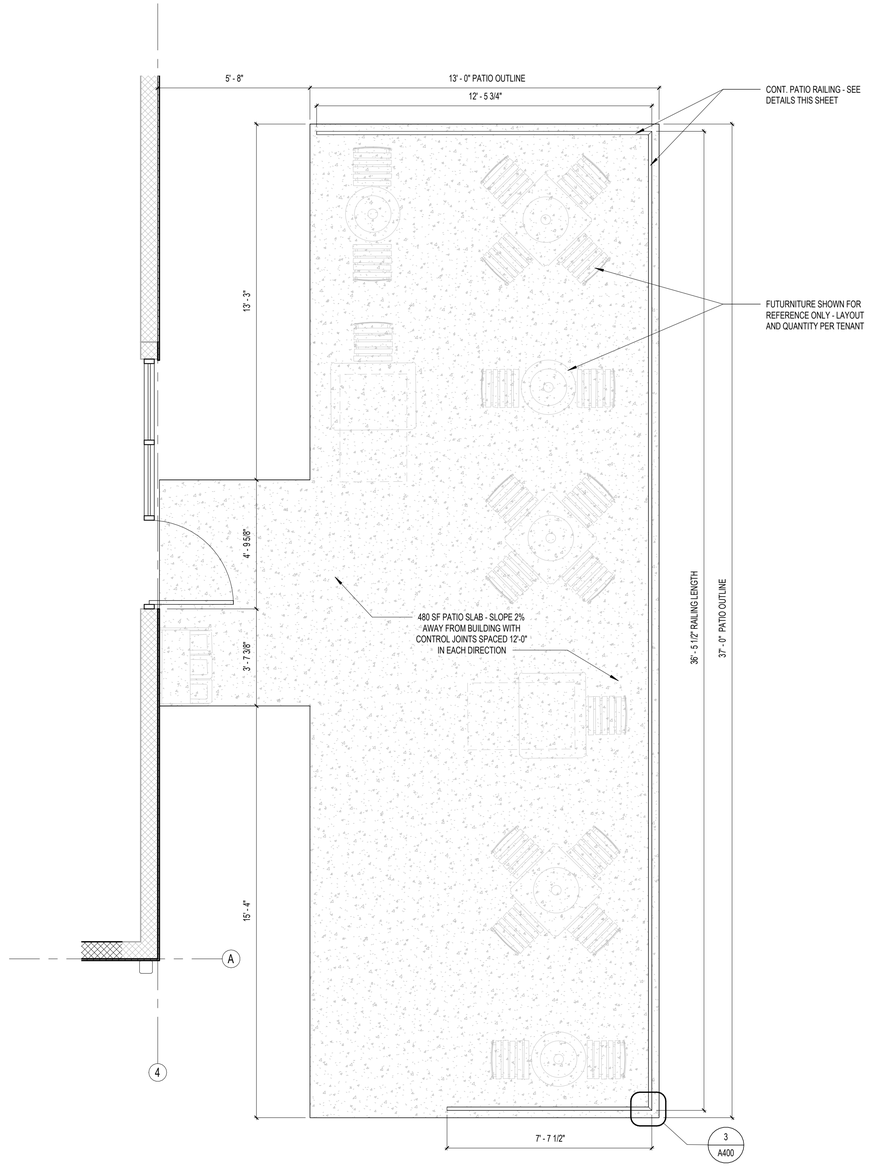
Sheet No.
A331

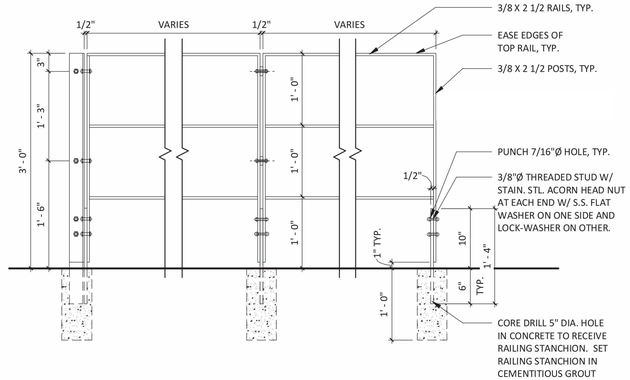
ENLARGED PLAN NOTES

1. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL STRUCTURAL REQUIREMENTS. THE MOST STRINGENT REQUIREMENT APPLIES.

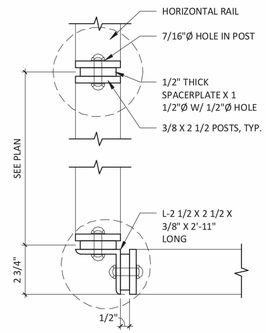
2. FURNITURE PROVIDED BY OTHERS AND IS SHOWN FOR REFERENCE ONLY, UNLESS OTHERWISE NOTED.



1 A400_ENLARGED PATIO PLAN
3/8" = 1'-0"



2 RAILING MOUNTING DETAIL
1" = 1'-0"



3 A400_RAILING PLAN DETAIL
3" = 1'-0"

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ENLARGED PATIO PLAN AND DETAILS

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

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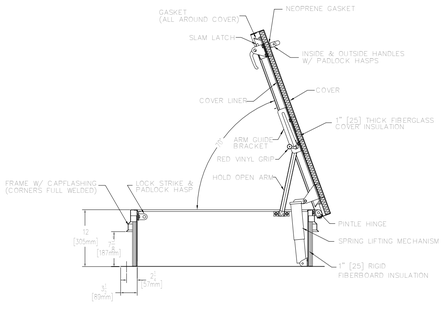
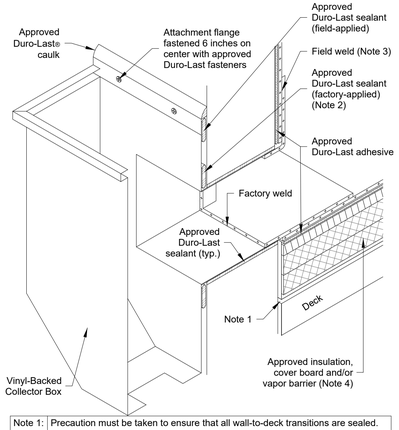
Sheet No.
A400

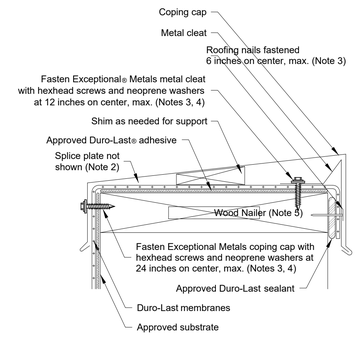


8 BILCO ROOF HATCH
1/32" = 1'-0"



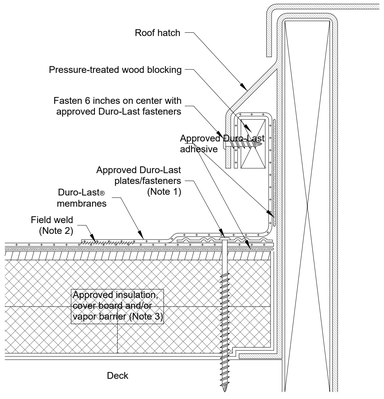
Note 1:	Precaution must be taken to ensure that all wall-to-deck transitions are sealed.
Note 2:	Collector box is back-sealed with factory-applied sealant around scupper opening. Remove paper backing when ready to install scupper.
Note 3:	All field welds shall be a minimum of 1-1/2 inches wide.
Note 4:	Refer to specifications for vapor barrier, insulation and cover board requirements.

5 DUROLAST SCUPPER DETAIL
N.T.S.



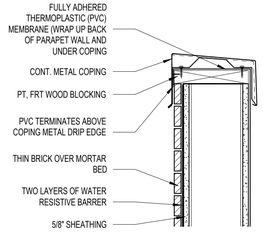
Note 1:	All coping cap joints must utilize a 6-inch concealed splice plate.
Note 2:	Refer to Detail Drawing 6053 for splice plate installation instructions.
Note 3:	All fasteners must penetrate into nailer by a minimum of 1-1/2 inches.
Note 4:	Fasten other manufacturers' products per manufacturer's specifications.
Note 5:	Wood nailers must withstand a minimum force of 180 pounds per lineal foot (per building code). Any pull values greater than 270 pounds will allow for a fastener spacing of 18 inches on center. Pull values less than 270 pounds will require additional fasteners. **The installing contractor is responsible for meeting building codes.**

7 A500_DUROLAST COPING DETAIL
3/64" = 1'-0"

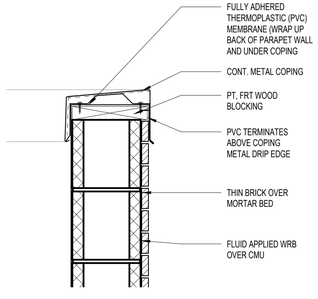


Note 1:	Deck membrane shall be fastened around the perimeter of the roof access hatch as per the respective zone the roof access hatch is located within (field, perimeter, corner).
Note 2:	All field welds shall be a minimum of 1-1/2 inches wide.
Note 3:	Refer to specifications for vapor barrier, insulation and cover board requirements.

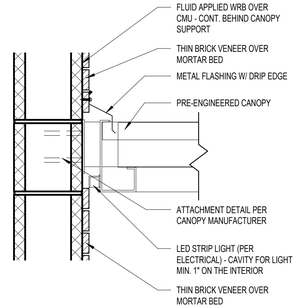
6 DUROLAST ROOF HATCH DETAIL
3/64" = 1'-0"



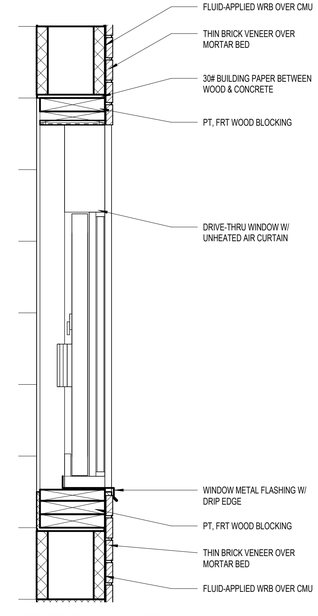
4 COPING CAP AT METAL STUDS
1 1/2" = 1'-0"



3 COPING CAP AT CMU
1 1/2" = 1'-0"



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



1 DRIVE THRU WINDOW DETAIL
1 1/2" = 1'-0"

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Drawn:	Author
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EXTERIOR DETAILS
CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

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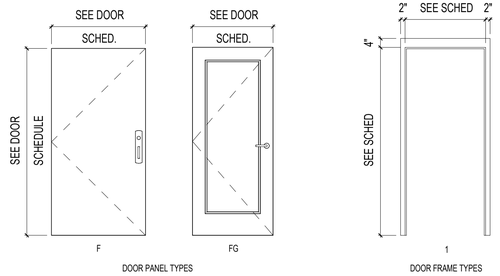
Sheet No.
A500

DOOR SCHEDULE

DOOR NUMBER	DOOR TYPE	DOOR NOMINAL SIZE WIDTH	DOOR NOMINAL SIZE HEIGHT	DOOR NOMINAL SIZE THICKNESS	FRAME TYPE	FRAME FIRE RATING (HR)	DETAILS HEAD DETAIL	DETAILS JAMB DETAIL	DETAILS SILL DETAIL	HW SET	COMMENTS
101	FG	6' - 0"	7' - 0"	1 3/4"	N/A	-				01	
102	FG	3' - 1 5/8"	7' - 0"	3/4"	N/A	-				02	
103	F	3' - 6"	7' - 0"	1 3/4"	2	-				04	
104	F	3' - 6"	7' - 0"	1 3/4"	2	-				03	
105	F	3' - 6"	7' - 0"	1 3/4"	2	-				04	



DOOR HARDWARE SETS

HARDWARE SET 01 - DOUBLE DOOR - ENTRY
(2) HINGE / HAGER, MODEL 780-224HD-CLR
(2) MORTISE CYLINDER / SCHLAGE / MODEL 80-103, BRUSHED CHROME; C.O. CYLINDER AT 24" MIN. FROM BOTTOM OF DOOR
(2) TEMP CORE / SCHLAGE / MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(2) PUSH HARDWARE / ADAMS RITE / MODEL 8611-35 (ALUMINUM FINISH, 36" DOOR); C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR
(2) PULL HARDWARE / HAGER / MODEL 4G US32D (8" CTC), CENTER ON DOOR STILE
(1) DEADBOLT / ADAMS RITE / MODEL MS18502-310-628
(1) EXIT INDICATOR / ADAMS RITE / MODEL 4089-00-130
(1) HEADER BOLT / ADAMS RITE / MODEL 4016-30-01
(2)THRESHOLD BOLT / ADAMS RITE / MODEL 4015-18-1B
(2) CLOSER / DORMA / MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)
(2) DOOR STOP / IVES / MODEL FS18S (ALUMINUM)
(2) OVERHEAD STOP / GLYNN-JOHNSON / MODEL 454S-SP28 (ALUMINUM)
(2) CLOSER BACK PLATE / DORMA / MODEL BP89 / ALUMINUM
(1) THRESHOLD / REESE / MODEL S424A-72 (SIZE 72")
(2) SMOKE SEAL / REESE / MODEL 797B-21
(2) DOOR SWEEP / PEMKO / MODEL SFSC-200-36 (36" DOOR)

HARDWARE SET 02 - SINGLE DOOR - ENTRY (PANIC HARDWARE)
(1) HINGE / HAGER, MODEL 780-224HD-CLR
(1) PUSH HARDWARE / ADAMS RITE / MODEL 88-1-36-628 (ALUMINUM FINISH, 36" DOOR); C.O. CYLINDER AT 38" MIN. FROM BOTTOM OF DOOR
(1) PULL HARDWARE / HAGER / MODEL 4G US32D (8" CTC), CENTER ON DOOR STILE
(1) CLOSER / DORMA / MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)
(1) CLOSER BACK PLATE / DORMA / MODEL BP89 / ALUMINUM
(1) DOOR STOP / IVES / MODEL FS18S (ALUMINUM)
(1) 1OVERHEAD STOP / GLYNN-JOHNSON / MODEL 454S-US32D (ALUMINUM)
(1) CLOSER BACK PLATE / DORMA / MODEL BP89 / ALUMINUM
(1) THRESHOLD / REESE / MODEL S424A-36 (SIZE 36")
(1) SMOKE SEAL / REESE / MODEL 797B-21
(1) DOOR SWEEP / PEMKO / MODEL SFSC-200-36 (36" DOOR)

HARDWARE SET 03, SINGLE DOOR - EXIT
(1) HINGE / HAGER, MODEL 780-224HD-CLR
(1) PUSH HARDWARE / FALCON / MODEL 25-R-EO-4"-US28 (SIZE 42")
(1) PULL HARDWARE / FALCON / MODEL 510L-DANE-LHR-US26D, ALUMINUM (EXTERIOR SIDE)
(1) RIM CYLINDER / GLS / MODEL RCIC-7-LZ-626
(1) TEMP CORE / SCHLAGE / MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)
(1) CLOSER / DORMA / MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)
(1) CLOSER BACK PLATE / DORMA / MODEL BP89 / ALUMINUM
(1) THRESHOLD / REESE / MODEL S239A-42, (SIZE 42")
(1) DOOR SWEEP / PEMKO / MODEL SFSC-200-42 (42" DOOR) - BLACK
(1) WEATHERSTRIP / REESE / MODEL DS75C-4070
(1) DOOR VIEWER / IVES / MODEL U698B26D, C.O. VIEWER AT 60" FROM BOTTOM OF DOOR
(1) DOOR SILENCERS / IVES / MODEL SR64
(1) KICKPLATE / HIAWATHA / MODEL KP834-US32D

HARDWARE SET 04, SINGLE DOOR - UTILITY
(1) HINGE / HAGER, MODEL 780-224HD-CLR
(1) LOCKSET / SCHLAGE / MODEL ND80BD SAT 626
(1) TEMP CORE / SCHLAGE / MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)
(1) DOOR SWEEP / PEMKO / MODEL SFSC-200-42 (42" DOOR) - BLACK
(1) WEATHERSTRIP / REESE / MODEL DS75C-4070
(1) DOOR STOP / DON-JO / 1407-630
(1) KICKPLATE / HIAWATHA / MODEL KP834-US32D

DOOR AND HARDWARE GENERAL NOTES

1. DOOR FIRE RATING BASED ON INTERNATIONAL BUILDING CODE TABLE 716.5.

2. THE GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE GENERATING SHOP DRAWINGS.

3. DOOR FRAMES SHALL BE SECURED RIGIDLY IN PLACE AND BRACED TO THE FLOOR AND STRUCTURE ABOVE TO PREVENT BREAK OUT TO PARTITIONS.

4. DOORS SHALL OPERATE FREELY WITHOUT BINDING.

5. REFERENCE THE FLOOR PLAN AND LIFE SAFETY PLAN FOR DOOR SWING DIRECTIONS AND ACCESSIBILITY CLEARANCES.

6. DOOR UNDERCUTS SHALL BE KEPT TO A MINIMAL DIMENSION AND SHALL BE UNIFORM THROUGHOUT THE PROJECT, UNLESS NOTED OTHERWISE,

7. HOLLOW METAL FRAMES AND DOORS ARE TO BE REPAIRED FROM ANY DENTS / DINGS DURRING CONSTRUCTION AND REPAINTED; REPLACE AS NEEDED.

8. ALL EXTERIOR HOLLOW CORE METAL DOORS ARE TO BE INSULATED. DOORS & FRAMES TO BE A MIN A60-GALVANNEALED, PRIMED, AND PAINTED.

9. DOOR FRAMES TO BE PAINTED OR PRE-FINISHED. REFERENCE FINISH SCHEDULE FOUND IN DRAWINGS.

10. CONFIRM ALL LOCKSETS AND DOOR OPERATIONS WITH THE OWNER AND/OR TENANT BEFORE ORDERING.

11. THE CONTRACTOR SHALL COORDINATE THE KEYING OF LOCKS WITH THE OWNER AND/OR TENANT UPON SUBSTANTIAL COMPLETION OF THE SPACE. THE BUDGET FOR THIS FUNCTION SHALL BE INCLUDED IN INITIAL BIDS.

12. ALL HARDWARE SHALL BE UNLOCKED IN THE DIRECTION OF EGRESS, REGARDLESS OF OTHER LOCK FUNCTIONS.

13. ALL DOOR HARDWARE SHALL BE COMPLIANT WITH THE ACCESSIBILITY CODE AND SECTION 7.2.1.5 OF NFPA 101.

14. REINFORCE THE WALL AT STUDS FOR WALL STOP AS NEEDED.

15. ADJUST ALL INTERIOR CLOSERS TO HAVE A MAXIMUM OPENING FORCE OF 5 LBS.

16. ADJUST ALL EXTERIOR CLOSERS TO HAVE A MAXIMUM OPENING FORCE OF 8 LBS.

17. CAULK DOOR JAMBS AND HEADS AT DOORS LOCATED IN SOUND-INSULATED WALLS.

18. CONTRACTOR TO COORDINATE THE ELECTRICAL AND LOW VOLTAGE NEEDS FOR ALL EXTERIOR / SUITE DOORS FOR ACCESS CONTROL, ELECTRIC STRIKES, AND SECURITY DEVICES.

19. ALL DOORS TO RECEIVE LEVER SETS (UNLESS NOTED OTHERWISE). LEVERS, LOCKS & RELATED HARDWARE SHALL COMPLY WITH FIRE PREVENTION CODE AND IBC.

20. ALL DOORS, FRAMES, HARDWARE, CLOSERS, HINGES, THRESHOLDS, ETC., IN RATED WALLS SHALL HAVE A U.L. LISTING FOR INTENDED USE.

21. LOCKING DEVICES ON EXIT DOORS SHALL BE DIRECT ACTING REQUIRING NO MORE THAN ONE MOTION. CONTRACTOR TO COORDINATE HARDWARE & KEYING WITH OWNER'S DESIGNATED REPRESENTATIVE.

22. ALL HARDWARE SHALL BE SELECTED IN ACCORDANCE WITH DOOR SIZE AND WEIGHT.

23. EXTERIOR DOOR HINGES TO BE STAINLESS STEEL (BALL BEARING WHERE APPLICABLE).

24. EXTERIOR IMPACT RESISTANT HOLLOW METAL DOORS IN ACCORDANCE WITH CURRENT WIND LOAD REQUIREMENTS TO BE 18 GA. A-60 GALVANIZED HOLLOW METAL DOORS (INSULATED) W/ FLUSH WELDED TOP CAP (PRIMED AND PAINTED). 16 GA. A-60 GALVANIZED DOOR FRAME (PRIMED & PAINTED). APPLY AUTOMOTIVE UNDERCOATING TO BACKSIDE OF FRAME AND SET BOTTOM OF FRAME ON FELT. FRAME AND DOOR ARE TO BE INTERNALLY REINFORCED FOR SPECIFIED HARDWARE. NO THRU BOLTS ARE ALLOWED. SEE STRUCTURAL DRAWINGS FOR WIND LOAD DESIGN PRESSURE. DOOR, FRAME, HARDWARE, AND INSTALLATION TO BE IN ACCORDANCE WITH ALL MANUFACTURERS' REQUIREMENTS FOR APPLICABLE WIND SPEEDS. CONTRACTOR TO PROVIDE THE BUILDING DEPARTMENT WITH A COPY OF NOTICE OF ACCEPTANCE (N.O.A.) FOR THE PRODUCT SELECTED.

25. A READILY VISIBLE DURABLE SIGN SHALL BE POSTED ON THE EGRESS SIDE ON OR ADJACENT TO EXIT EGRESS DOORS STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED" THE SIGN SHALL BE IN LETTERS 1" HIGH ON A CONTRASTING BACKGROUND.

26. COORDINATE DOOR FRAME SELECTION W/ SPECIFIED WALL CONSTRUCTION.

27. DOORS WITH LOCKS SHALL BE UNLOCKABLE AND OPENABLE WITH ONE ACTION. MUST BE ABLE TO UNLOCK IN AN EMERGENCY SITUATION.

28. EXIT DOORS SHALL BE OPERATIONAL FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, SPECIAL KNOWLEDGE, OR EFFORT. DEVICES SHALL BE CAPABLE OF OPERATING WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. THE HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED NO HIGHER THAN 48 INCHES ABOVE THE FINISH FLOOR.

29. THRESHOLDS: CHANGES IN LEVEL GREATER THAN 1/4" IN HEIGHT AND NOT MORE THAN 1/2" MAX. IN HEIGHT SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2.

30. DOOR HARDWARE SHALL BE MOUNTED BETWEEN 36" AND 42" ABOVE FLOOR AND BE LEVER TYPE.

31. CONTRACTOR TO COORDINATE DOOR HARDWARE WITH INTERIOR DESIGN DRAWINGS.

32. THE MAIN EXIT DOORS ARE PERMITTED TO BE EQUIPPED WITH KEY-OPERATED LOCKING DEVICES FROM THE EGRESS SIDE PROVIDED THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED. A READILY VISIBLE DURABLE SIGN SHALL BE POSTED ON THE EGRESS SIDE ON OR ADJACENT TO THE DOOR STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN A BUILDING IS OCCUPIED." THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND.

GLAZING NOTES

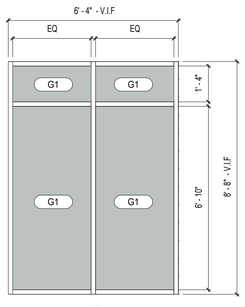
1. ALL GLASS & GLAZING SHALL COMPLY WITH CHAPTER 54 OF THE U.S. CONSUMER PRODUCT SAFETY COMMISSION SAFETY STANARDS FOR ARCHITECTURAL GLAZING MATERIALS (16-CFR PART 1021) **(NEED TO CONFIRM REFRENCE)**

2. ALL GLAZING, GLAZING SYSTEMS, COMPONENTS AND CLADDING SHALL MEET THE DESIGN WIND PRESSURES SPECIFIED IN COMPLIANCE WITH IBC CHAPTER 24. WINDOWS AND DOOR MANUFACTURERS TEST REPORTS AND INSTALLATION DETAILS SHALL BE INCLUDED AS PAST OF PERMIT SUBMITTAL. SUBMIT SHOP DRAWINGS OF ALL DOOR GLAZING AND HARDWARE FOR REVIEW.

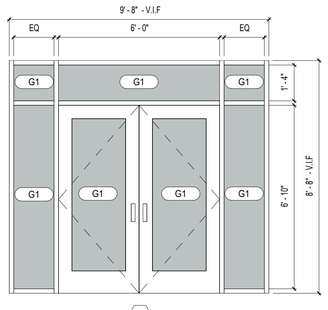
3. ALL GLAZING WITHIN 24" OF DOOR SHALL BE SAFETY GLASS. ALL GLAZING IN HAZARDOUS LOCATIONS SHALL BE TEMPERED FOR IMPACT RESISTANCE.

4. ALL EXTERIOR GLAZING TO HAVE A MAXIMUM U-FACTOR AND SOLAR HEAT GAIN COEFFICIENT AS NOTED ON SHEET G100 - CODE SUMMARY AND CALCULATIONS.

STOREFRONT TYPES



KAWNEER TRIFAB 451T, 4 1/2" SIGHTLINE X 2" SIGHTLINE
FINISH: BLACK PERMAFLOUR



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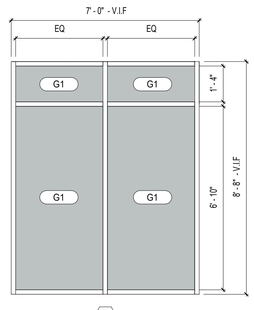

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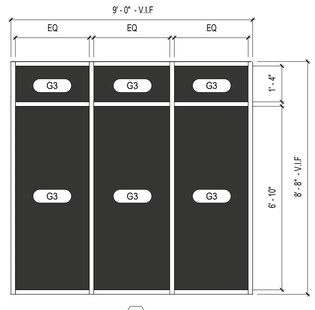

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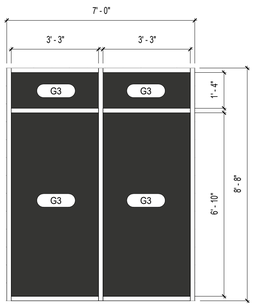

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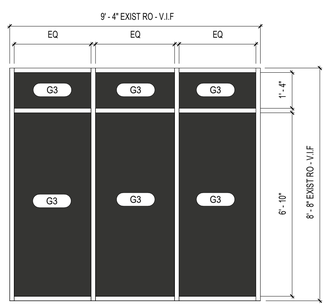

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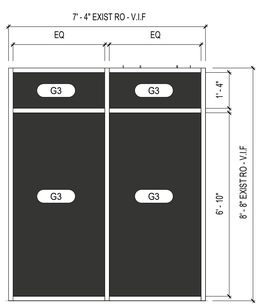
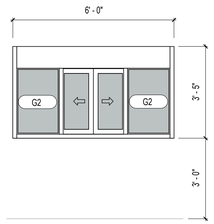
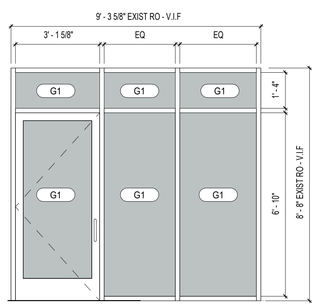


KAWNEER TRIFAB 451T, 4 1/2" SIGHTLINE X 2" SIGHTLINE
FINISH: BLACK PERMAFLOUR



QUIKSERV BP-7241E DRIVE-THRU WINDOW
FINISH: BLACK PERMAFLOUR



KAWNEER TRIFAB 451T, 4 1/2" SIGHTLINE X 2" SIGHTLINE
FINISH: BLACK PERMAFLOUR

GLAZING SCHEDULE

MARK	THICKNESS	TYPE	TINT	SGHC	REMARKS
G1	1"	INSULATED	CLEAR	NORTH - 0.33 SEW - .25	1/4" GLASS, 1/2" AIR FILLED SPACE, 1/4" GLASS
G2	3/4"	INSULATED / IMPACT RESISTANT	CLEAR	0.37	PROVIDED BY DRIVE-THRU WINDOW MANUFACTURER
G3	1"	INSULATED / SPANDREL	-	NORTH - 0.33 SEW - .25	UTILIZE AN OPACIFIER FOR TINT

cph
www.cphcorp.com
A Full Service A & E Firm
1011 E.COLONIAL DRIVE #307
ORLANDO, FL 32803
Ph. (407) 745-5300
Plans Prepared By :
CPH Consulting, LLC.
JURISDICTION: HILLSBOROUGH COUNTY
QUALIFYING AGENT
LICENSE No. AR92948

Professional Seal

NO.	DATE	REVISION

PROJECT STATUS

Designed:	CPH
Drawn:	AM
Checked:	ML
Project No.:	2500049
Issue Date:	07/25/25
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DOOR & GLAZING SCHEDULES NOTES

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND

Sheet No.
A600

GENERAL NOTES

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS SHOWN ON THE STRUCTURAL DRAWINGS WITH THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE INTENDED TO AUGMENT, NOT SUPERSEDE, THOSE SHOWN ON THE ARCHITECTURAL DRAWINGS. DO NOT SCALE DRAWINGS. DRAWINGS MAY NOT BE TO SCALE.

2. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS AND NOTIFY THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION. FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS, SEE THE ARCHITECTURAL DRAWINGS.

3. IF MATERIAL QUANTIITIES, STRENGTHS OR SIZES INDICATED BY THE DRAWINGS OR SPECIFICATIONS ARE NOT IN AGREEMENT WITH THESE NOTES, THE BETTER QUALITY AND/OR QUANTITY, STRENGTH OR NOTED SHALL BE PROVIDED.

4. THE STRUCTURAL MODIFICATIONS ARE DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER CONSTRUCTION IS FULLY COMPLETED. THE CONTRACTOR IS SOLELY RESPONSIBLE TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION, INCLUDING PROVISIONS FOR CHANGEABLE WEATHER UNTIL THE BUILDING IS CLOSED AND CONDITIONED. THE CONTRACTOR SHOULD DESIGN, INSTALL AND SUBSEQUENTLY REMOVE ANY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS NECESSARY TO MAINTAIN SAFETY AND STRUCTURAL STABILITY DURING CONSTRUCTION.

5. IT SHALL BE THE SOLE RESPONSIBLY OF THE CONTRACTOR TO INITIATE, MAINTAIN AND SUPERVISE ALL SAFETY PROCEDURES, WHILE FOLLOWING ALL APPLICABLE SAFETY CODES, BUILDING CODES AND GOVERNING REGULATIONS WITH JURISDICTION OVER THE CONSTRUCTION SITE DURING ALL PHASES OF CONSTRUCTION. THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION OR FOR RELATED SAFETY PROCEDURES.

6. ANY FRAMING SHOWN ON DRAWINGS THAT SUPPORT EQUIPMENT (WHETHER SUPPORTED ABOVE OR SUSPENDED BELOW), DESIGN LOADS, OPENINGS AND PENETRATIONS, AND STRUCTURAL MEMBERS IN ANY MANNER RELATED TO HVAC, PLUMBING, ELECTRICITY OR FIRE PROTECTION REQUIREMENTS IS BASED ON EQUIPMENT DESIGNED, SHOWN AND/OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS.
ALL REQUIREMENTS FRAMING MAY NOT BE SHOWN. USING THE DETAILS PROVIDED ON THE STRUCTURAL DRAWINGS, THE GENERAL CONTRACTOR AND SUB-CONTRACTOR AND/OR EACH PRIME CONTRACTOR MUST COORDINATE AND INSTALL THE ACTUAL FRAMING REQUIRED FOR THE EQUIPMENT TO BE INSTALLED, AND INCLUDE COST FOR ALL REQUIRED FRAMING IN THE BID.

7. EXISTING BUILDING: INSTALL TEMPORARY SUPPORT AND OTHER MEASURES AS REQUIRED TO PREVENT DAMAGE TO THE EXISTING BUILDING DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, INSTALLATION AND FINAL CLEARANCE OF REQUIRED NEEDLING, SHORING, UNDERPINNING OR BRACING OF THE EXISTING BUILDING. FIELD VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS WHICH AFFECT THE NEW CONSTRUCTION PRIOR TO THE START OF WORK. EXISTING CONDITIONS SHOWN ON THE DRAWINGS ARE ASSUMED, HAVE NOT BEEN CONFIRMED, ARE NOT GUARANTEED AND MAY CONFLICT WITH THE NEW WORK REQUIRED. FIELD VERIFY THAT THE EXISTING FRAMING AFFECTED BY THE NEW WORK IS IN SOUND CONDITION AND DOES NOT DISPLAY VISIBLE SIGNS OF DISTRESS OR DETERIORATION OR HAS BEEN PREVIOUSLY MODIFIED OR ALTERED. IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS; DO NOT PROCEED WITH THAT PORTION OF WORK UNTIL ALL DISCREPANCIES HAVE BEEN RESOLVED. THE CONTRACTOR SHOULD SUBMIT A FIELD SURVEY SHOWING ALL DISCREPANCIES BETWEEN THE EXISTING CONDITION AND THE NEW WORK. BASED ON THE REPORTED FIELD CONDITIONS, THE ARCHITECT WILL SUBMIT SUPPLEMENTAL INSTRUCTIONS FOR ALL WORK (NEW OR EXISTING) REQUIRING MODIFICATIONS.

8. THE STRUCTURAL DRAWINGS ARE ONE DISCIPLINE OF THE CONTRACT DOCUMENTS AND DO NOT BY THEMSELVES CONTAIN ALL THE INFORMATION REQUIRED TO PROPERLY COMPLETE THE PROJECT STRUCTURE. THE GENERAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND COORDINATE THE INFORMATION INDICATED IN THESE CONSTRUCTION DOCUMENTS WITH THE STRUCTURAL DRAWINGS TO PROPERLY CONSTRUCT THE PROJECT.

9. ALL DETAILS, SECTIONS AND NOTES INDICATED ON THE CONSTRUCTION DOCUMENTS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS OTHERWISE SHOWN.

10. SHOULD ANY OF DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THESE STRUCTURAL NOTES. THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.

11. SPECIALTY ENGINEERED PRODUCTS THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE PROPER SUBMISSION OF SHOP DRAWINGS FOR SPECIALTY ENGINEERED PRODUCTS WHICH SHALL BE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED. CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE SPECIALTY ENGINEERED SHOP DRAWINGS ARE SUBMITTED IN A TIMELY MANNER SO AS TO ALLOW REVIEWS AND RESUBMISSIONS AS REQUIRED. ALL SPECIALTY ENGINEERED PRODUCTS SHALL BE DESIGNED FOR THE APPROPRIATE GRAVITY LOADS AND WIND LOADS INCLUDING UPLIFT LATERAL LOADS TO ASSURE STABILITY. SPECIALTY ENGINEERED PRODUCTS SHALL BE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
   1. STEEL STAIRS
   2. LADDERS
   3. HANDRAILS
   4. CLADDING SYSTEMS
   5. MISCELLANEOUS STEEL

12. SHOP DRAWINGS
   A. SUBMIT THE FOLLOWINGS DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION:
      1. STRUCTURAL STEEL
      2. CONCRETE MIX DESIGNS
      3. CONCRETE REINFORCEMENT
      4. STRUCTURAL MASONRY
      5. STEEL JOIST AND CALCULATIONS
      6. METAL DECK
      7. WOOD TRUSSES
   B. THE CONTRACTOR SHALL REVIEW AND ACCEPT FULL RESPONSIBILITY FOR DIMENSIONAL CORRECTNESS. ALL SHOP DRAWINGS MUST BEAR THE APPROVAL STAMP OF THE CONTRACTOR (TO INCLUDE INITIALS, DATE AND DISPOSITION), PRIOR TO REVIEW BY THE ARCHITECT OR ENGINEER. THE ENGINEER WILL RETURN ALL DRAWINGS, UN-REVIEWED, THAT DO NOT BEAR THE APPROVAL STAMP OF THE CONTRACTOR.

13. CHANGES AND MODIFICATIONS:
SUBMIT WRITTEN REQUEST TO THE ARCHITECT FOR APPROVAL OF ANY PROPOSED CHANGE TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. SPLICING, CUTTING, NOTCHING AND OTHER ALTERATIONS TO STRUCTURAL MEMBERS IS PROHIBITED WITHOUT WRITTEN AUTHORIZATION OF THE STRUCTURAL ENGINEER. ANY UNAUTHORIZED DEVIATION FROM THE CONTRACT DOCUMENTS, AND CORRECTION THEREOF, IS THE RESPONSIBILITY OF THE CONTRACTOR.

14. CONTRACTOR SHALL BRACE ALL CONSTRUCTION AGAINST GRAVITY, LATERAL & UPLIFT LOADS UNTIL STRUCTURE IS COMPLETE.

DESIGN LOADS

THE STRUCTURAL DESIGN OF THIS BUILDING WAS BASED ON THE DESIGN CRITERIA

A. BUILDING CODE
   FLORIDA BIULDING CODE 2023 8TH EDITION
B. DESIGN ROOF LOADS
   DEAD LOADS 20 PSF
   LIVE LOADS 20 PSF
C. DESIGN FLOOR LOADS
   LIVE LOADS 100 PSF
D. ROOF SNOW LOAD DATA:
   GROUND SNOW LOAD, Pg N/A
   FLAT ROOF SNOW LOAD, Pf N/A

E. WIND DESIGN DATA:
   NOMINAL DESIGN WIND SPEED, Vasd 140 MPH
   ULTIMATE DESIGN WIND SPEED, Vult 108 MPH
   RISK CATEGORY: II
   WIND EXPOSURE CATEGORY: C
   INTERNAL PRESSURE COEFFICIENTS
   COMPONENTS AND CLADDING WIND PRESSURE: SEE WIND LOAD TABLES ON THIS SHT.
   WIND PRESSURES PER ASCE: 7-22

F. WIND-BORNE DEBRIS REGION (WITHIN HURRICANE-PRONE REGIONS)
   1. WITHIN 1 MILE OF THE COASTAL MEAN HIGH WATER LINE
      WHERE Vult IS 130 MPH OR GREATER; OR
   2. IN AREAS WHERE Vult IS 140 MPH OR GREATER.

G. EARTHQUAKE DESIGN DATA:
   SEISMIC IMPORTANCE FACTOR, Ie
   MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS,
      Ss= 0.068 S1= 0.03g
      SITE CLASS: D
      Fa= 1.6
      SMs= 0.092 SM1= 0.065g
   DESIGN SPECTRAL RESPONSE ACELERATION PARAMTERS,
      SDs= 0.061 SD1= 0.043g
   SEISMIC DESIGN CATEGORY: A
   BASIC SEISMIC FORCE-RESISTING SYSTEM:
      LIGHT FRAME WALLS WITH WOOD STRUCTURAL PANELS
   BASE SHEAR: 2.66 KIPS
   SEISMIC RESPONSE COEFFICIENT, Cs 0.0174
   RESPONSE MODIFICATION COEFFICIENT,R 3.5
   ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

CONCRETE

1. ALL CONCRETE SHALL BE IN ACCORDANCE WITH THE "AMERICAN CONCRETE INSTITUTE BUILDING CODE" (ACI 318) AND WITH "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ASI 301) LATEST EDITIONS.

2. CONCRETE MEMBERS SHALL HAVE THE FOLLWING MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS:
   A. STRUCTURAL CONCRETE
      CLASS LOCATION f'c (psi)
         I FOUNDATIONS 3000
         II INTERIOR SLABS ON GRADE AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED 4000
         III INTERIOR SLABS ON GRADE AND ALL INTERIOR CONCRETE NOT OTHERWISE IDENTIFIED 4000 (W/AIR)
         IV NOT USED 1500
         B. ALL DEFORMED REINFORCING BARS: ASTM A615, GR. 60
         C. ALL WELDED WIRE FABRIC: ASTMA1064, DELIVERED IN FLAT SHEETS
         ALL OTHER CONCRETE TO BE 4000 PSI UNLESS NOTED OTHERWISE

3. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO THE LATEST ADOPTED EDITIONS OF THE STANDARDS AND MATERIAL SPEFICIATIONS REFERENCED HEREIN.

4. CONCRETE MIX SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ACI 301 CHAPTER 3, METHOD 1 OR METHOD 3. CONTRACTOR SHALL SUBMIT BACKUP DATA PER SECTION 26.4 OF ACI 318 LATEST EDITION.

5. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A615 GR. 60. SUBMIT ALL REINFORCING STEEL SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY FABRICATION.

6. CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS REQUIRED BY ACI SPECIFICATIONS.

7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. WELDED WIRE FABRIC SHALL BE LAPPED AT LEAST 12 INCHES UNLESS NOTED OTHERWISE.

8. REBAR LAP LENGTH SHALL BE 48 BAR DIAMETERS MINIMUM, UNLESS NOTED OTHERWISE ON DRAWINGS.

9. PROVIDE ACI STANDARD HOOKS UNLESS NOTED OTHERWISE ON DRAWINGS.

10. ALL CONCRETE WORK SHALL CONFORM TO ACI 318 LATEST EDITION "THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE STRUCTURES", ACI 301 "SPECIFICATIONS FOR STRUCTRUAL CONCRETE FOR BUILDINGS," ACI 305 "HOT WEATHER CONCRETING," AND ACI 306 "COLD WEATHER CONCRETING."

11 ALL CONCRETE DETAILS SHALL CONFORM TO ACI 315 LATEST EDITION "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" UNLESS NOTED OTHERWISE ON THE DRAWINGS.

12. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS AND SIZES OF SLEEVES, OPENINGS, EMBEDDED ITEMS, SLAB RECESSES, SLOPES, ETC. THESE ITEMS SHAL BE COORDINATED WITH OTHER TRADES AND INSTALLED PRIOR TO CONCRETE PLACEMENT.

13. CONTRACTOR SHALL VERIFY ANCHOR BOLT SIZES AND LOCATIONS PRIOR TO CONCRETE PLACEMENT.

14. BAR LENGTHS PROVIDED ON DRAWINGS DO NOT INCLUDE HOOK LENGTH. HOOKS SHALL BE PROVIDED AT TOP BARS, AT BEAM ENDS, AND SLAB EDGES.

15. CONTRACTOR SHALL PROVIDE CHAIRS, BOLSTERS, SPACERS, ETC. AS REQUIRED TO SECURELY SUPPORT REINFORCEMENT. SUPPORT ITEMS ON EXPOSED CONCRETE SHALL BE PLASTIC SUPPORT REINFORCEMENT, TIPPED OR STAINLESS STEEL. IN HIGHLY CORROSIVE ENVIRONMENTS, SUPPORT ITEMS SHALL BE PLASTIC.

16. ONE COPY OF ALL CONCRETE TEST RESULTS SHALL BE SUBMITTED BY THE TESTING AGENCY DIRECTLY TO THE ENGINEER OF RECORD.

17. THE CONTRACTOR SHALL SEAL ALL HAIRLINE CRACKING IN CONCRETE SLAB ON GRADE WITH A CRACK SUPPRESSION KIT SUCH AS LATICRETE OR APPROVED EQUAL.

18. A COPY OF THE "FIELD REFERENCE MANUAL" ACI SP-15 LATEST EDITION SHALL BE KEPT BY THE CONTRACTOR ON SITE.

19. FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL.

20. CONCRETE COVER: UNLESS OTHERWISE NOTED, DETAIL REINFORCING TO PROVIDE MINIMUM COVER AS FOLLOWS:
   A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3 INCHES
   B. CONCRETE EXPOSED TO EARTH OR WEATHER
      #5 BARS AND SMALLER 1-1/2 INCHES
      OTHERS 2 INCHES
   C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER
   BEAM AND COLUMN BARS INCLUDING TIES, STIRRUPS AND SPIRALS 1-1/2 INCHES
   SLABS, WALLS AND JOISTS:
   #11 BARS AND SMALLER 3/4 INCHES
   OTHERS 1-1/2 INCHES

21. SLUMP, (AT POINT OF PLACEMENT): 5" (+/- 1")

22. CALCIUM CHLORIDE SHALL NOT BE USED IN ANY FORM.

23. EXPANSION BOLTING: UNLESS NOTED OTHERWISE ON PLANS OR IN SECTIONS, ALL EXPANSION BOLTS IN CONCRETE SHALL BE "HILTI KWIK BOLT 3 EXPANSION ANCHORS". ANCHORS USED IN EXTERIOR APPLICATIONS SHALL BE HOT-DIP GALVANIZED CARBON STEEL OR STAINLESS STEEL.

24. UNLESS NOTED OTHERWISE ON PLANS OR IN SECTIONS, ALL EPOXY ANCHORS FOR USE IN APPLICATIONS INVOLVING CONCRETE SHALL USE EITHER:
   A) HILTI HIT HY 200 ADHESIVE ANCHORING SYSTEM.
   B) SIMPSON STRONG-TIE AT HIGH STRENGTH ACRYLIC-TIE ANCHORING ADHESIVE.
   INSTALL ALL ANCHORS FOLLOWING MANUFACTURER'S INSTALLATION INSTRUCTIONS

FOUNDATION NOTES

1. DESIGN SOIL BEARING PRESSURE IS 2,000 PSF PER THE GEOTECHNICAL ENGINEERING REPORT.

2. A GEOTECHNICAL REPORT ON THE SUBSURFACE SOILS CONDITIONS HAS BEEN PREPARED FOR THIS PROJECT BY UES REPORT NO. 2129542, DATED: JANUARY 27, 2025 - REVISED ON SEPTEMBER 4, 2025

3. ALL CONTRACTORS INVOLVED WITH THE EXCAVATION, BACKFILL AND FOUNDATION CONSTRUCTION SHALL FAMILIARIZE THEMSELVES WITH THIS REPORT.

4.ALL WORK REGARDING SITE PREPARATION, EARTH FILL CONSTRUCTION, BACKFILL REQUIREMENTS, FOUNDATION PREPARATIONS, ETC., SHALL BE IN STRICT CONFORMANCE TO THE GEOTECHNICAL ENGINEER'S REPORT. THE REPORT IS PART OF THE CONTRACT DOCUMENTS.

5. FOUNDATION BEARING SURFACES SHALL BE INSPECTED UNDER THE DIRECTION OF THE PROJECT GEOTECHNICAL ENGINEER.

6. IF NOT OTHERWISE SPECIFIED IN GEOTECHNICAL REPORT, COMPACT ALL FILL TO 98% OF OPTIMUM LABORATORY DENSITY IN ACCORDANCE WITH ASTM D698 STANDARD PROCTOR METHOD.

7. DO NOT BACKFILL AGAINST FOUNDATION OR BASEMENT WALLS UNTIL FLOOR SLAB/FRAMING IS IN PLACE OR PERMISSION IS OBTAINED FROM THE ARCHITECT.

8. EXCEPT FOR CANTILEVER RETAINING WALLS OR UNLESS NOTED OTHERWISE ON DRAWINGS, SUBGRADE WALLS ARE SUPPORTED BY THE FLOOR ABOVE AND BELOW. PROPER TEMPORARY BRACING MAY BE USED IN LEIU OF THE FLOOR SUPPORT BASED ON THE DESIGN BY A PROFESSIONAL ENGINEER.

9. ALL FOOTINGS ARE TO REST ON FIRM, LEVEL, UNDISTURBED SOIL OR ENGINEERED FILL, OF BEARING CAPACITY NOTED, REGARDLESS OF ELEVATIONS SHOWN ON DRAWINGS.

10. WHERE ROCK OR SHALE IS THE BEARING MATERIAL, PROVIDE 6" DEEP PENETRATION.

11. WHERE FOOTINGS ARE IN CLOSE PROXIMITY OF SEWERS, BOTTOM OF FOOTINGS SHALL BE AT LEAST 8" BELOW INVERT ELEVATION OF SEWERS.

12. EXCAVATIONS FREE OF WATER AT ALL TIMES.

13. USE LEAN CONCRETE (F'C=1500 PSI) FOR OVER-EXCAVATION OF FOOTINGS AND REPLACEMENT OF WEAKENED.

14. PROVIDE POSITIVE DRAINAGE AWAY FROM EXCAVATIONS SO AS NOT TO ALLOW STANDING WATER FOR LONG PERIODS OF TIME.

15. PROVIDE A 10 MIL THICK VAPOR BARRIER BETWEEN THE COMPACTED BASE AND CONCRETE SLAB.

16. DO NOT PUNCTURE THE VAPOR BARRIER. LAP AND TAPE ENDS.

17. PERFORM ALL SITEWORK UNDER THE DIRECT SUPERVISION OF A GEOTECHNICAL ENGINEER.

STRUCTURAL STEEL

1. ALL STEEL CONSTRUCTION SHALL CONFORM TO THE LATEST ADOPTED EDITION OF THE STANDARD AND MATERIAL SPEFICIATIONS REFERENCED HEREIN.

2. REFERENCE STANDARDS:
   A. ANSI/AISC 360, "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION" (AISC)
   B. AISC 303, "CODE OF STANDARDS PRACTICE FOR STEEL BUILDINGS AND BRIDGES" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION" (AISC)
   C. "SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS" BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC)
   D. AWS D1.1, "STRUCTURAL WELDING CODE" BY THE AMERICAN WELDING SOCIETY (AWS)

3. MATERIALS:
   W AND S SHAPES.........................ASTM A992 OR A572, GR. 50
   TS/HSS SHAPES...........................ASTM A500, GR. B, Fy = 46 KSI
   PIPE, TYPE E OR S, GRADE B.....ASTM A502 OR A53
   OTHER SHAPES, INCLUDING BUT NOT LIMITED TO, ANGLES, CHANNELS, BEARING, BASE AND CAP PLATES, ETC..ASTM A36, Fy = 36 KSI
   BOLTS (3/4" DIA., TURN OF NUT METHOD UNLESS NOTED OTHERWISE).......ASTM A325
   ANCHOR BOLTS...........................ASTM F1554, GR. 55-S1
   WELD ELECTRODE......................AWS E70XX COATED TYPE, LOW HYDROGEN CLASSIFICATION

4. DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION.

5. THE CONTRACTOR, FABRICATOR OR ERECTOR SHALL NOTIFY THE ENGINEER OF RECORD AND OWNER'S DESIGNATED CONSTRUCTION REPRESENTATIVE IF CHANGES ARE REQUIRED TO STRUCTURAL STEEL FRAME TO ALLOW ERECTION TO CONFORM TO OSHA REGULATIONS, INCLUDING SUB-PART R. BIDS SHALL BE BASED ON THE ERECTION METHOD CHOSEN BY THE CONTRACTOR OR ERECTOR. BASE BIDS TO INCLUDE THE COST FOR MODIFICATION OF THE STRUCTURAL STEEL, STEEL JOIST, JOIST GIRDERS, STEEL DECK OR LATERAL LOAD RESISTING SYSTEM BASED ON THE CHOSEN METHOD OF ERECTION CONNECTIONS (WELDED OR HIGH STRENGTH BOLTED):

   A. NON-COMPOSITE MEMBERS: DESIGN CONNECTIONS FOR FULL STRENGTH OF MEMBER FOR SPAN PER AISC BEAM LOAD TABLES.

   B. COMPOSITE EMEMBERS: SEE COMPOSITE BEAM DETAILS FOR CONNECTION REQUIREMENTS.

   C. A325SC WITH HARDENED WASHERS: USE FOR ALL MOMENT CONNECTIONS, WIND CONNECTIONS, HANGERS, AND OTHER CONNECTIONS AS NOTED ON DRAWINGS.

   D. A325N WITH HARDENED WASHERS: USE FOR ALL CONNECTIONS OTHER THAN SLIP CRITICAL CONNECTIONS.

   E. WHEREVER POSSIBLE, USE FRAMED BEAM CONNECTIONS AS LISTED IN TABLES 10-1, 10-2 AND 10-3 OF AISC MANUAL OF STEEL CONSTRUCTION. THE LENGTH OF CONNECTION ANGLES SHALL NOT BE LESS THAN HALF THE "T" DISTANCE OF THE BEAM WEB.

   F. ONE-SIDED CONNECTIONS WILL NOT BE PERMITTED UNLESS DETAILED ON THE DRAWINGS.

   G. BOTTOMS OF ALL CONNECTIONS SHALL BE AT LEAST 6" ABOVE FINISHED CEILING.

   H. ALL SLIP CONNECTIONS SHALL BE PROVIDED WITH A MEANS OF PREVENTING THE NUTS FROM UNTHREADING.

   I. USE STANDARD HOLES WITH THE FOLLOWING EXCEPTION: OVERSIZE HOLES ARE PERMITTED WHEN BOLTS ARE LOADED IN TENSION; SHORT SLOTTED HOLES ARE PERMITTED FOR SHEAR LOADING PERPENDICULAR TO THE SLOT.

   J. WHERE REACTIONS ARE NOTED, DEVELOP SAME.

6. CONNECTIONS (WELDED OR HIGH STRENGTH BOLTED):
   A. NON-COMPOSITE MEMBERS: DESIGN CONNECTIONS FOR FULL STRENGTH OF MEMBER FOR SPAN PER AISC BEAM LOAD TABLES

   B. COMPOSITE EMEMBERS: SEE COMPOSITE BEAM DETAILS FOR CONNECTION REQUIREMENTS.

   C. A325SC WITH HARDENED WASHERS: USE FOR ALL MOMENT CONNECTIONS, WIND CONNECTIONS, HANGERS, AND OTHER CONNECTIONS AS NOTED ON DRAWINGS.

   D. A325N WITH HARDENED WASHERS: USE FOR ALL CONNECTIONS OTHER THAN SLIP CRITICAL CONNECTIONS
   E. WHEREVER POSSIBLE, USE FRAMED BEAM CONNECTIONS AS LISTED IN TABLES 10-1, 10-2 AND 10-3 OF AISC MANUAL OF STEEL CONSTRUCTION. THE LENGTH OF CONNECTION ANGLES SHALL NOT BE LESS THAN HALF THE "T" DISTANCE OF THE BEAM WEB.

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   I. USE STANDARD HOLES WITH THE FOLLOWING EXCEPTION: OVERSIZE HOLES ARE PERMITTED WHEN BOLTS ARE LOADED IN TENSION; SHORT SLOTTED HOLES ARE PERMITTED FOR SHEAR LOADING PERPENDICULAR TO THE SLOT.

   J. WHERE REACTIONS ARE NOTED, DEVELOP SAME

7. PAINTING:

   A. PROVIDE ONE SHOP COAT AND ONE FIELD COAT OF RUST-INHIBITIVE PAINT. SEE SPECIFICATIONS FOR MORE INFORMATION.

   B. DO NOT PAINT BEAMS THAT ARE ENCASED IN CONCRETE OR TO RECEIVE SPRAY-ON FIRE PROOFING.

   C. OMIT PAINT AT SLIP CRITICAL CONNECTIONS AND AREAS TO BE WELDED.

8. SHOP DRAWINGS ARE REQUIRED AND SHALL NOTE TYPE OF ELECTRODES, SIZE OF ALL WELDS, AND TYPE AND SIEZE OF ALL BOLTS. SHOP DRAWINGS SHALL BE PREPARED UNDER THE SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER.
ALL WELDING AND HIGH STRENGTH BOLTING MUST BE INSPECTED BY A QUALIFIED TESTING LABORATORY. LABORATORY SHALL BE APPROVED BY THE ARCHITECT AND/OR ENGINEER OF RECORD.

ALL WELDING SHALL CONFORM TO THE "CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION" OF THE AWS AND BE PERFORMED BY A RECENTLY CERTIFIED WELDER IN ACCORDANCE WITH AWS STANDARDS.
SEQUENCE OF PLACING WELDS SHALL BE SUCH AS TO AVOID DISTORTION OF MEMBERS.
WELD LENGTHS CALLED FOR ON PLANS ARE THE NET EFFECTIVE LENGTH REQUIRED. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM SIEZE WELDS SPECIFIED IN AISC MANUAL OF STEEL CONSTRUCTION, LATEST EDITION.

NO WELDING OR FINAL BOLTING SHALL BE DONE UNTIL STRUCTURE HAS BEEN PROPERLY ALIGNED.
BEAMS BEARING ON MASONRY SHALL HAVE WALL ANCHORS AS SHOWN IN THE ASIC MANUAL, EXCEPT ANGLES SHALL BE WELDED TO THE BEAMS.

9. MISCELLANEOUS

   A. PROVIDE AND INSTALL FRAMING AROUND ROOF OPENINGS REQUIRED FOR ALL TRADES. IF OPENING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS, OBTAIN PRIOR APPROVAL.

   B. ANY FRAMING SHOWN ON THE DRAWINGS THAT SUPPORT EQUIPMENT (WHETHER SUPPORTS ABOVE OR SUSPENDED BELOW), DESIGN LOADS, OPENINGS AND PENETRATIONS, AND STRUCTURAL MEMBERS IN ANY MANNER RELATE TO HVAC, PLUMBING, ELECTRICAL, OR FIRE PROTECTION REQUIREMENTS IS BASED ON EQUIPMENT DESIGNED, SHOWN AND/OR SPECIFIED IN THE CONSTRUCTION DOCUMENTS. ALL REQUIRED FRAMING MAY NOT BE SHOWN. USING THE DETAILS PROVIDED ON THE STRUCTURAL DRAWINGS, THE GENERAL CONTRACTOR AND SUB-CONTRACTORS AND/OR EACH PRIME CONTRACTOR MUST COORDINATE AND INSTALL THE ACTUAL FRAMING REQUIRED FOR THE EQUIPMENT TO BE INSTALLED, AND INCLUDES COST FOR ALL REQUIRED FRAMING IN THE BID.

   C. FINISH ENDS OF ALL COLUMNS, STIFFENERS AND ALL OTHER MEMBERS IN DIRECT BEARING.

10. ATTACHMENT OF ALL MECHANICAL EQUIPMENT TO THE STRUCTURE, INCLUDING, BUT NOT LIMITED TO HVAC ROOFTOP UNITS, ROOFTOP CURBS, ETC. ARE TO BE SPECIFIED BY THE MECHANICAL ENGINEER AND MECHANICAL CONTRACTOR.

11. STEEL JOIST:
   STEEL JOISTS SHALL BE DESIGN, FABRICATED AND ERECTED IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE SPECIFICATIONS. PROVIDE ALL ACCESSORIES NECESSARY FOR COMPLETE INSTALLATION OF ALL STEEL JOIST, INCLUDING BRIDGING, AS REQUIRED BY THE DRAWINGS AND THE STEEL JOIST INSTITUTE SPECIFICATIONS.

MASONRY

CONCRETE BLOCK DESIGN AND CONSTRUCTION SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (TMS 402/ACI 530/ASCE 5) AND "SPECIFICATIONS FOR MASONRY STRUCTURES" (TMS 602/ACI 530.1/ASCE 6)

1. MASONRY MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS:
   A. HOLLOW LOAD BEARING CONCRETE BLOCK: ASTM C-90, GR. N1. MINIMUM COMPRESSIVE STRENGTH = 1900 PSI AT 28 DAYS
   B. MORTAR: ASTM C-270, TYPE S. MINIMUM COMPRESSIVE STRENGTH = 1800 PSI AT 28 DAYS
   C. MORTAR: ASTM C-270, TYPE M. MINIMUM COMPRESSIVE STRENGTH = 2500 PSI AT 28 DAYS
   D. GROUT: ASTM C-476. MINIMUM COMPRESSIVE STRENGTH = 2000 PSI AT 28 DAYS
   E. MASONRY REINFORCEMENT: ASTM A-82 GALVANIZED
   F. MASONRY PRISM STRENGTH: F'm = 1500 PSI

2. TYPICAL REINFORCING:
VERTICAL - REF. PLAN FOR SIZE AND SPACING HORIZONTAL - #9 WIRE IN DUR-O-WALL (LADUR TRUSS TYPE) OR APPROVED EQUAL AT 16" O.C. IN MASONRY WALLS, EXCEPT AT 8" O.C. FOR WALL BELOW GRADE OR STACK BOND WALLS (U.N.O. ON DRAWINGS).

3. PRIOR TO DELIVERY OF MASONRY UNITS TO THE JOB SITE, FURNISH TO THE OWNER AFFIDAVITS FROM AN APPROVED TESTING LABORATORY CERTIFYING THAT ALL UNITS CONFORM TO THEIR RESPECTIVE ASTM REQUIREMENTS.

4. PROVIDE CLEANOUT AT THE BASE OF ALL GROUTED MASONRY CELLS. CLEAN MASONRY VOID TO BE GROUTED OF ALL DEBRIS AND MORTAR PROTRUSIONS.

5. GROUT ALL CAVITIES CONTAINING REINFORCEMENT IN LIFTS NOT TO EXCEED 5'-0" (REFER TO DETAILS).

6. LABORATORY PREPARED MIXES SHALL BE PREPARED AND TESTED IN ACCORDANCE WITH ASTM C-270. FIELD MORTAR SHALL BE TESTED WITH AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH ASTM C-780. TWO SETS OF THREE MORTAR CUBES SHALL BE TAKEN DIRECTLY FROM THE MIXER FOR EACH DAY OF MASONRY WORK. TEST THE CUBES AT 28 DAYS. ACCEPTANCE OF THE MORTAR SHALL BE AT THE DESCRETION OF THE ENGINEER.

7. CALCIUM CHLORIDE AND/OR ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL NOT BE INCLUDED IN MORTAR OR GROUT MIX, EXCEPT WHEN APPROVED IN WRITING BY THE STRUCTURAL ENGINEER. NO ANTI-FREEZE COMPOUNDS SHALL BE USED TO LOWER THE MORTAR'S FREEZING POINT.

8. NO EXTERIOR MASONRY SHALL BE LAID WHEN THE OUTSIDE AIR TEMPERATURE IS LESS THAN 40 DEGREES FAHRENHEIT, UNLESS THE RECOMMENDATIONS SPECIFIED BY THE INTERNATIONAL MASONRY INDUSTRY ALL-WEATHER COUNCIL IN THEIR PUBLICATION "RECOMMENDED PRACTICES AND GUIDE SPECIFICATIONS FOR COLD WEATHER MASONRY" ARE STRICTLY FOLLOWED.

9. THE MASONRY CONTRACTOR SHALL PROVIDE BRACING TO WITHSTAND HORIZONTAL PRESSURES AS REQUIRED BY THE BUILDING CODE AND LOCAL ORDINANCE.

LIGHT GAUGE METAL FRAMING

1. STEEL STUD SIZES SHALL BE AS NOTED ON THE DRAWINGS, CONFORMING TO SSMA STANDARDS.

2. FABRICATE AND ERECT AS SPECIFIED. MANUFACTURER SHALL SUPPLY ALL CLIPS, FASTENERS, TEMPORARY BRACING, ACCESSORIES, STANDARD BRIDGING, ETC.

3. ALL STEEL STUDS SHALL HAVE A MINIMUM 15 8 " FLANGE WITH A 12" RETURN (U.N.O.).

4. 18 GAGE AND THINNER SHALL HAVE A MINIMUM YIELD STRENGTH, Fy, OF 33 KSI AND TENSILE, Fu, OF 45 KSI. ALL STUDS 16 GAGE AND THICKER SHALL HAVE A MINIMUM STRENGTH OF 50 KSI STRENGTH OF 65 KSI (U.N.O.)

4. 18 GAGE AND THINNER SHALL HAVE A MINIMUM YIELD STRENGTH, Fy, OF 33 KSI AND TENSILE, Fu, OF 45 KSI. ALL STUDS 16 GAGE AND THICKER SHALL HAVE A MINIMUM STRENGTH OF 50 KSI STRENGTH OF 65 KSI (U.N.O.)

5. TRACK SECTIONS SHALL BE EQUAL GRADE AND GAGE THICKNESS OF STUDS BEING USED. TYPICAL, U.N.O.

6. ALL FASTENERS SHALL BE SELF-TAPPING NO. 12-14 GAGE SCREWS, OR WELD IN ACCORDANCE WITH SECTION 6.0 OF THE AMERICAN WELDING SOCIETY'S "STRUCTURAL WELDING CODE - SHEET METAL" (AWS D1.3) AS SHOWN ON DRAWINGS.

7. PROVIDE HORIZONTAL BRIDGING AT 4'-0" O.C. TYP.

8. PROVIDE DOUBLE STUDS FOR FULL HEIGHT OF WALL EACH SIDE OF ALL OPENINGS UNLESS OTHERWISE NOTED. WELDS STUDS TO EACH OTHER WITH 1 1/2" LONG 1/8" FILLET WELDS AT 12" O.C. EACH SIDE. PROVIDE STUD TRACK AT EACH HEAD AND SILL.

9. REFER TO PLANS AND DETAILS FOR CONNECTION OF STUDS WALLS TO FOUNDATION, FLOOR OR ROOF.

METAL DECK

1. ALL METAL DECK SHALL BE DETAILED, FABRICATED, AND INSTALLED IN ACCORDANCE WITH THE STEEL DECK INSTITUTE SPECIFICATIONS, LATEST EDITION.

2. ALL METAL DECK SHALL BE CONTIUOUS OVER THREE OR MORE SPANS, EXCEPT WHERE STEEL LAYOUT DOES NOT PERMIT.

3. METAL ROOF DECK SHALL BE 20 GAUGE, 1 1/2" DEEP, TYPE B, 36/7 FASTENER LAYOUT WIDE RIB METAL DECK, PAINTED. (U.N.O.).

4. METAL DECK SHALL BE ATTACHED TO ALL SUPPORTS WITH 5/8" DIA. PUDDLE WELDS AT 12" OC. FIELD AND 6" O.C. AT ALL PERIMETER SUPPORTS. PROVIDE A MINIMUM OF (5) #10 TEK SCREWED SIDE LAP CONNECTIONS PER TRUSS BAYS. (U.N.O.)

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Plans Prepared By :
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Professional Seal

- NOT FOR CONSTRUCTION -

Professional Certification
I certify that these documents were prepared or approved by me, and that I am a duly licensed architect under the laws of the State of
License No. ________
Expiration Date __________

NO.	DATE	REVISION

-

Designed:	Designer
Drawn:	Author
Checked:	Checker
Project No.:	2500049
Issue Date:	07/25/2025

STRUCTURAL GENERAL NOTES

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

THIS SHEET NOT VALID FOR CONSTRUCTION WITHOUT COMPLETE SET OF PLANS. SEE GENERAL NOTES FOR MASTER LEGEND

Sheet No.
S001

GENERAL NOTES

#	NUMBER
&	AND
@	AT
A.B.	ANCHOR BOLTS
A.C.I.	AMERINCAN CONCRETE INSTITUTE
A.I.S.C.	AMERICAN INSTITUTE OF STL. CONSTRUCTION
A.I.S.I.	AMERICAN IRON AND STEEL INSTITUTE
A.W.S.	AMERICAN WELDING SOCIETY
ALT.	ALTERNATIVE
ALUM.	ALUMINUM
ARCH.	ARCHITECTURAL
ANCH.	ANCHOR
APPROX.	APPROXIMATELY
B1 (1, 2,...)	BEAM SCHEDULE MARK
BET.W/	BETWEEN
BLDG.	BUILDING
BLK.	BLOCK
BM.	BEAM
BOT.	BOTTOM
BRG.	BEARING
BS	BOTH SIDES
BTJ.	BOLTED TIE JOIST
BRK	BRICK
BRDG	BRIDGING
BP.	BASE PLATE
C, SC	STEEL COLUMN
CF	CUBIC FEET
C.I.P.	CAST IN PLACE
C.L.	CENTERLINE
CMU	CONCRETE MASONRY UNIT
CY	CUBIC YARDS
C1 (1, 2,...)	STEEL COLUMN SCHEDULE MARK
CB1 (1, 2,...)	CONCRETE BEAM SCHEDULE MARK
CC1 (1, 2,...)	CONCRETE COLUMN SCHEDULE MARK
CJ	CONSTRUCTION OR CONTROL JOINT
CLR	CLEAR
COL.	COLUMN
CONC.	CONCRETE
CONN.	CONNECTION
CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTRACTOR
CEIL	CEILING
CANT.	CANTILEVER
CHAN.	CHANNEL
COMPR.	COMPRESSION
CORRD.	COORDINATE
CTR	CENTER
CTR'D	CENTERED
DEPT.	DEPARTMENT
DIA	DIAMETER
DIM.	DIMENSION
DIST.	DISTANCE
DN.	DOWN
DR.	DRAIN
DTL.	DETAIL
DWG	DRAWING
DT	DOUBLE TEE
DWL	DOWEL
E.F.	EACH FACE
E.W.	EACH WAY
EA	EACH
E.J.	EXPANSION JOINT
E.E.	EACH END
EL./ELEV.	ELEVATION
ELEC.	ELECTRICAL
ENGR.	ENGINEER
EOA	END OF ANGLE
EOJ	END OF JOIST
EQ	EQUAL
EQUIV	EQUIVALENT
EQ. SP.	EQUAL SPACING
EXP	EXPANSION
EXIST.	EXISTING
EXT.	EXTERIOR
EMBED	EMBEDMENT
EOP	EDGE OF PIT
E.S.	EACH SIDE
F.D.	FLOOR DRAIN
F1 (1, 2,...)	FOOTING SCHEDULE MARK
FIN. FLR.	FINISHED FLOOR
FIN. GR.	FINISHED GRADE
FLR.	FLOOR
FDN	FOUNDATION
FRMG	FRAMING
F.S.	FAR SIDE
FT.	FEET
FTG.	FOOTING
GA.	GAUGE
GALV.	GALVANIZED
GEN.	GENERAL
GR.	GRADE
GRTG.	GRATING
HOR/HORIZ.	HORIZONTAL
HT.	HEIGHT
H.S.	HEADED STUD
HGR.	HANGER
HI	HIGH
HK	HOOK
HPT	HORIZONTAL POINT
HR	HANDRAIL
HSA	HEADED STUD ANCHOR
I.D.	INSIDE DIAMETER
IN.	INCH(ES)
INT.	INTERIOR
I.T.	INVERTED TEE
JST.	JOIST
JT	JOINT
K	KIP
KB	KNEE BRACE
L	STEEL ANGLE
LGTH	LENGTH
LT. GA.	LIGHT GAUGE
LB	LEDGER BEAM OR LINTEL BEAM
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNTL	LINTEL
LO LOW	
LSL	LONG SLOTTED HOLES
LT WT	LIGHTWEIGHT
LVL	LAMINATED VENEER LUMBER (1.9E)
LW	LONG WAY
MAT.	MATERIAL
MAX	MAXIMUM
MB1 (1, 2,...)	MASONRY BEAM SCHEDULE MARK
MC1 (1, 2,...)	MASONRY COLUMNSCHEDULE MARK
MECH.	MECHANICAL
MFR.	MANUFACTURER
MIN.	MINIMUM
MISC.	MISCELLANEOUS
MCJ	MASONRY CONTROL JOINT
M.O.	MASONRY OPENING
MEZZ	MEZZANINE
MS	METAL STUD
N.I.C.	NOT IN CONTRACT
NOM.	NOMINAL
NTS	NOT TO SCALE
NS	NEAR SIDE
NS/FS	NEAR SIDE AND FAR SIDE
NDS	NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
NO.	NUMBER
N.WT.	NORMAL WEIGHT
NSG	NON-SHRINK GROUT
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
OPG.	OPENING
OPP	OPPOSITE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER (2.0E)
P.T.	PRESSURE TREATED
P.C.	PRECAST (CONCRETE)
PAR.	PARALLEL
PL	PLATE
PLYWD	PLYWOOD
PREFAB	PREFABRICATED
PLUMB	PLUMBING
PAF	POWDER ACTUATED FASTENER
PROP.	PROPERTY
PROP. L.	PROPERTY LINE
R.D.	ROOF DRAIN
REF.	REFERENCE
REINF.	REINFORCEMENT
REQD.	REQUIRED
RF.	ROOF
R	RISER
RAD	RADIUS
RTN	RETURN
RW	RETAINING WALL
S.F.	SQUARE FEET
SS	STAINLESS STEEL
SECT.	SECTION
SCH.	SCHEDULE
SPC	STANDARD PIPE COLUMN
SPECS	SPECIFICATIONS
STD	STANDARD
STL	STEEL
STRUCT.	STRUCTURAL
SYM	SYMMETRICAL
S.E.	SLAB EDGE
SHRW	SHEAR WALL
SHT.	SHEET
SIM.	SIMILAR
SJ	SAWCUT CONTROL JOINT
SJI	STEEL JOIST INSTITUTE
SL	SLOPE
SOG	SLAB ON GRADE
SPA	SPACE
SQ.	SQUARE
STIR	STIRRUP
STR	STRENGTH
SW	SHORT WAY
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T/	TOP OF
T/BM	TOP OF BEAM
T/CB	TOP OF CONCRETE BEAM
T/FTG.	TOP OF FOOTING
T/SLAB	TOP OF SLAB
T/STL	TOP OF STEEL
T/TB	TOP OF TIE BEAM
TB1 (1, 2,...)	CONC. TIE BEAM SCHEDULE MARK
TDS1 (1, 2,...)	TURNDOWN SLAB SCHEDULE MARK
THK	THICK
TS	TUBE STEEL
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
V.I.F.	VERIFY IN FIELD
W.P.	WORKING POINT
W/	WITH
W/O	WITHOUT
WD.	WOOD
WF1 (1, 2,...)	WALL FOOTING SCHEDULE MARK
WWF	WELDED WIRE FABRIC
XSPC	EXTRA STRONG PIPE COLUMN
XXSPC	DOUBLE EXTRA STRONG PIPE COLUMN
YD.	YARD
YP	YIELD POINT

CONTRACTOR NOTES FOR EXISTING CONDITIONS

1. PRIOR TO CONSTRUCTION THE CONTRACTOR MUST VERIFY THAT THE EXISTING STRUCTURAL FRAMING CONDITIONS MATCH WHAT IS SHOWN IN THE STRUCTURAL DRAWINGS.
2. G.C. SHALL CONTACT ENGINEER OF RECORD IN THE EVENT THE SIZING IS NOT CLEAR.
3. THE G.C. SHALL CONTACT THE ENGINEER OF RECORD OF ANY CONDITION THEY ENCOUNTER IF THE MEMBERS INTEGRITY IS COMPROMISED.
4. THE G.C. SHALL CONTACT THE ENGINEER OF RECORD OF ANY CONDITION THEY ENCOUNTER IF IT DIFFERS FROM THESE DRAWINGS.

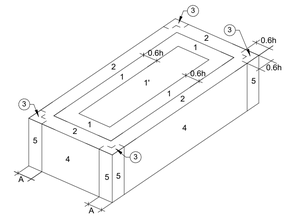
ASCE 7-22 / ULTIMATE COMPONENT AND CLADDING ROOF PRESSURE

ZONE	EFFECTIVE WIND AREA	COEFFICIENT	ULTIMATE DWP PNET (psf)		NOMINAL DWP PNET (psf)	
1'	10	0.94	19.24	-43.30	11.55	-25.98
1'	20	0.94	17.24	-43.30	10.34	-25.98
1'	50	0.94	16.04	-43.30	9.62	-25.98
1'	100	0.94	15.23	-43.30	9.60	-25.98
1	10	0.94	19.24	-75.37	11.55	-45.22
1	20	0.94	17.24	-71.36	10.34	-42.82
1	50	0.94	16.04	-63.34	9.62	-38.01
1	100	0.94	15.23	-59.33	9.60	-35.60
2	10	0.94	47.31	-99.42	28.38	-59.65
2	20	0.94	45.30	-93.41	27.18	-56.05
2	50	0.94	42.10	-83.39	25.26	-50.03
2	100	0.94	40.09	-77.37	24.05	-46.42
3	10	0.94	47.31	-99.42	28.38	-59.65
3	20	0.94	45.30	-93.41	27.18	-56.05
3	50	0.94	42.10	-83.39	25.26	-50.03
3	100	0.94	40.09	-77.37	24.05	-46.42

ASCE 7-22 / ULTIMATE COMPONENT AND CLADDING WALL PRESSURE

ZONE	EFFECTIVE WIND AREA	COEFFICIENT	ULTIMATE DWP PNET (psf)		NOMINAL DWP PNET (psf)	
4	10	0.94	47.31	-51.32	28.38	-30.79
4	20	0.94	45.30	-49.31	27.18	-29.59
4	50	0.94	42.10	-46.51	25.26	-27.90
4	100	0.94	40.09	-44.10	24.05	-26.46
4	200	0.94	38.49	-42.50	23.09	-25.50
5	10	0.94	47.31	-63.34	28.38	-38.01
5	20	0.94	45.30	-59.33	27.18	-35.60
5	50	0.94	42.10	-53.32	25.26	-31.99
5	100	0.94	40.09	-49.31	24.05	-29.59
5	200	0.94	38.49	-45.30	23.09	-27.18

A	**6.6**	**ft**



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Drawn:	Author
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Project No.:	2500049
Issue Date:	07/25/2025

STRUCTURAL GENERAL NOTES

CHIPOTLE LITHIA SHELL RENOVATION

16509 Fishhawk Blvd. Lithia, Fl 33547

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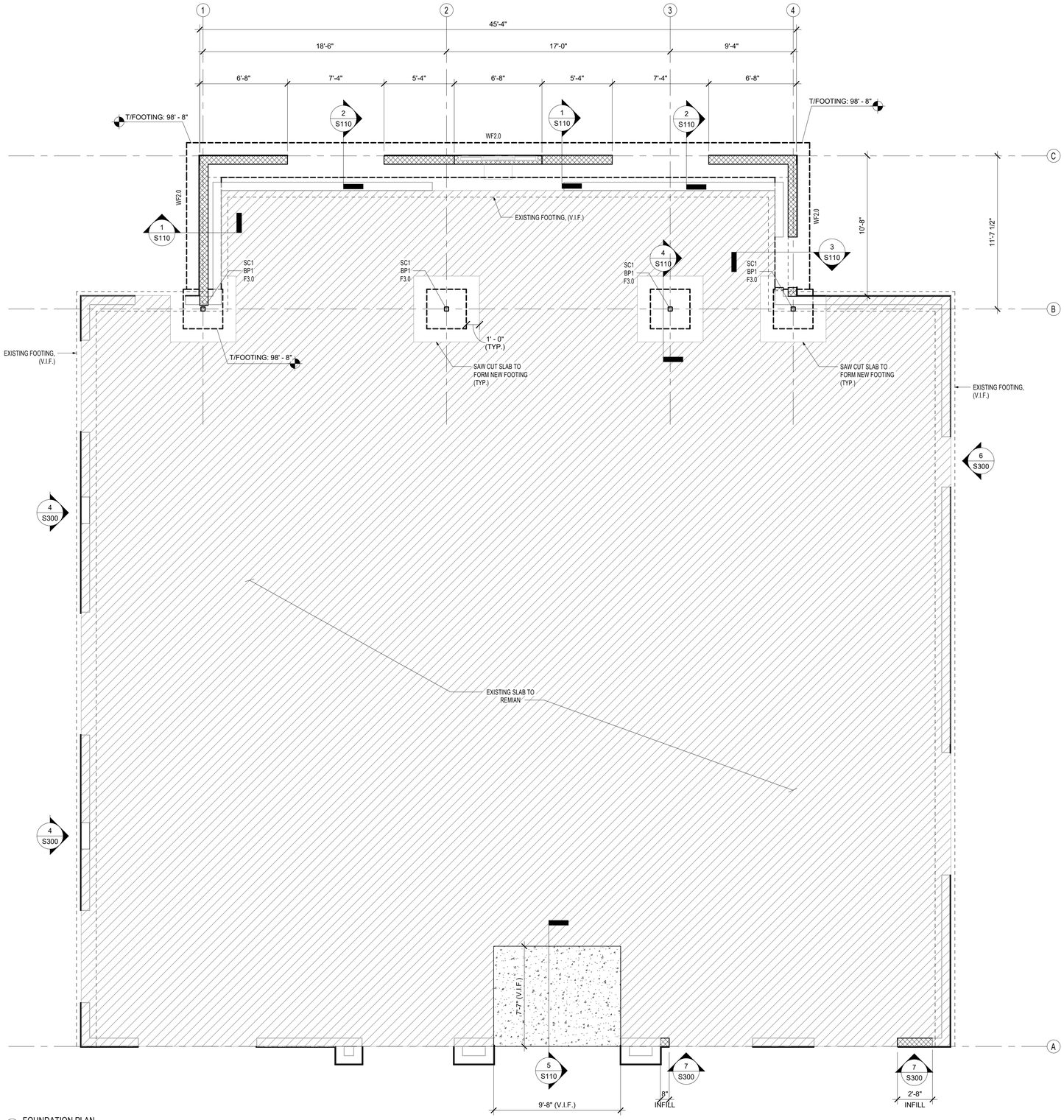
Sheet No.
S002



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

FOUNDATION PLAN NOTES

1. BEFORE STARTING WORK, COORDINATE LOCATION OF ALL CANOPIES, STEEL JOISTS AND BEAMS WHICH BEAR ON MASONRY, GROUT AND REINFORCE WALL PER DETAILS AND GENERAL NOTES.
2. VERIFY ALL WALL OPENING DIMENSIONS AND LOCATIONS WITH ARCHITECTURAL DRAWINGS.
3. REF ARCH DRAWINGS FOR SIZE AND LOCATION OF ALL EXTERIOR PADS AND DOOR STOOPS.
4. REFER TO MECHANICAL DRAWINGS FOR DRAIN LOCATIONS AND SLAB DEPRESSIONS AT DRAINS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR INSULATED FREEZER SLABS AND BOLLARD SLEEVE SIZES AND LOCATIONS.
6. SLOPED SLAB REF ARCH DRAWINGS FOR EXACT SIZE AND LOCATION.
7. REF ARCH DRAWINGS FOR OPENING LOCATION ABOVE FF. FOR LINTEL AND JAMB REINFORCING AT THE WALL. IF REQUIRED
8. REF CIVIL FOR FINAL LOCATION OF LIGHT POLE. IF REQUIRED.
9. NEW 5" CONCRETE SLAB ON GRADE REINFORCED WITH 6X6-W1.4XW1.4 W.W.F. ON 10 MIL VAPOR BARRIER ON COMPACTED FILL AS GEOTECHNICAL REPORT ON GENERAL NOTE.

COLUMN SCHEDULE

MARK	TYPE	BASE PLATE	REMARK
SC1	HSS4X4X1/4	BP1	REFER TO 3/S110

FOOTING SCHEDULE

MARK	TYPE	REINFORCING	T/FOOTING	REMARK
F3.0	36" x 36" x 12"	(3) #5 O.C. E.W., TOP & BOT.	98' - 8"	REFER TO 3/S110
WF2.0	2'-0" X 12" CONT.	(3) #5 CONT. & #5@ 12" O.C. TRANSV.	98' - 8"	REFER TO 1/S110

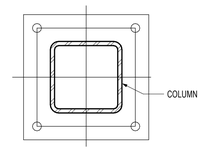
MASONRY WALL REINFORCEMENT SCHEDULE

LEGEND	THICKNESS	MAX. REINF. SPACING	REINFORCING
	8" CMU	S = 24"	REFER TO 2 / S300

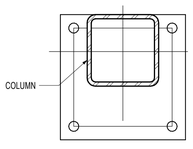
NOTES:
1. WALL SEGMENTS SHALL BE REINFORCED WITH 9 GA. STANDARD GALVANIZED LATERAL EINFORCING @ 16" O.C. HORIZONTAL. EXTEND REINFORCING 6" INTO POURED ELEMENTS AND AROUND ENCASED STEEL. PRODUCT BY WIREBOND OR APPROVED EQUAL.
2. ADJACENT TO ANY EXTERIOR WALL OPENING, PROVIDE 8" X 16" FULLY GROUTED CMU PIER W/ (1) # EACH CELL FULL HEIGHT.
3. ALL MASONRY REINFORCED CELLS SHALL BE FILLED WITH 3,000 PSI GROUT MIX.
4. REFER TO TYPICAL C.M.U. SECTIONS AND DETAILS SHEET FOR WALL REINFORCEMENT DETAILS.

BASEPLATE SCHEDULE

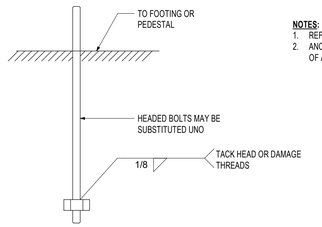
MARK	TYPE	BASE PLATE			ANCHOR BOLTS		
		WIDTH (W)	LENGTH (L)"	THICKNESS (THK)	NUMBER OF BOLTS	DIAMETER	EMBEDMENT
BP1	TYPE 1	12"	12"	1/2"	4	3/4"	12"
BP2	TYPE 2	12"	12"	1/2"	4	3/4"	12"



BASEPLATE TYPE 1
NO SCALE

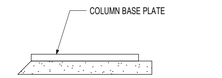


BASEPLATE TYPE 2
NO SCALE



ANCHOR BOLT DIAGRAM
NO SCALE

NOTES:
1. REF SCHEDULE FOR WIDTH "W", LENGTH "L", AND THICKNESS "THK".
2. ANCHOR BOLTS WITH FORGED HEADS MEETING THE REQUIREMENTS OF ASTM A307 MAY BE SUBSTITUTED FOR 3/4" DIA ANCHOR BOLTS.



GROUT MAY BE BEVELED OR FORMED BUT SHALL EXTEND A MIN OF 1" BEYOND FACE OF BASE PLATE. "F" = 1 1/2" FOR ANCHOR BOLT DIA UP TO 1" AND 2 1/2" FOR ANCHOR BOLT DIA 1 1/4" AND GREATER.

GROUT PLACEMENT
NO SCALE

2 BASE PLATE AND ANCHOR BOLT DIAGRAMS
1 1/2" = 1'-0"

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Issue Date:	07/25/2025

FOUNDATION PLAN

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

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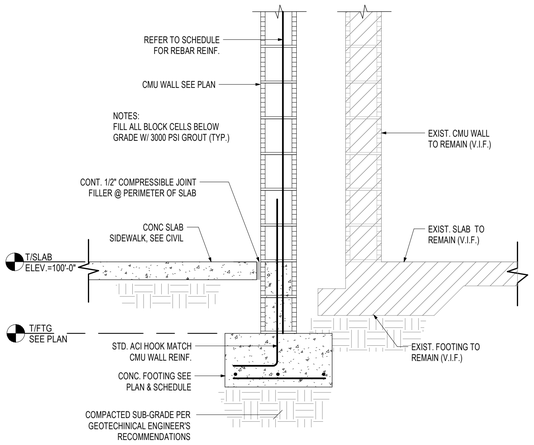
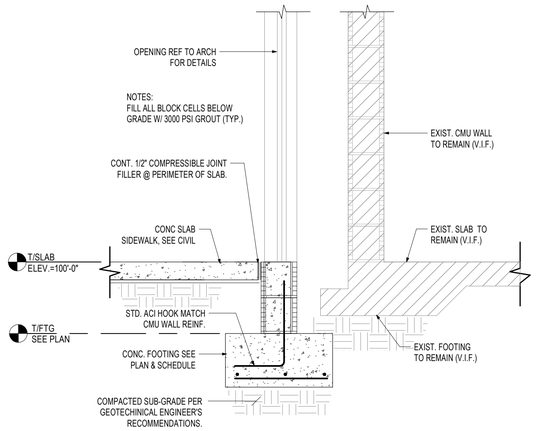
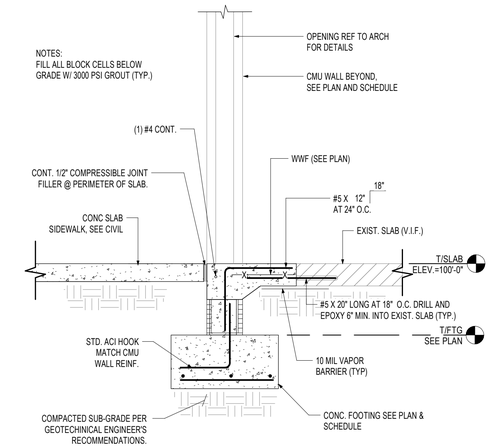
Sheet No.
S100



1 CMU WALL FOOTING SECTION
3/4" = 1'-0"



2 CMU WALL FOOTING SECTION AT OPENING
3/4" = 1'-0"



3 CMU WALL FOOTING SECTION AT OPENING
3/4" = 1'-0"

4 STEEL COLUMN FOOTING SECTION
3/4" = 1'-0"

5 FOUNDATION SECTION AT OPENING
3/4" = 1'-0"

6 TYP. SLAB CORNER REINFORCEMENT DETAIL
3/4" = 1'-0"

7 TYP BASE PLATE SECTION
3/4" = 1'-0"

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

9 TYP. SLAB-ON-GROUND WALL OPENING DETAILS
3/4" = 1'-0"

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FOUNDATION SECTIONS

CHIPOTLE LITHIA SHELL RENOVATION
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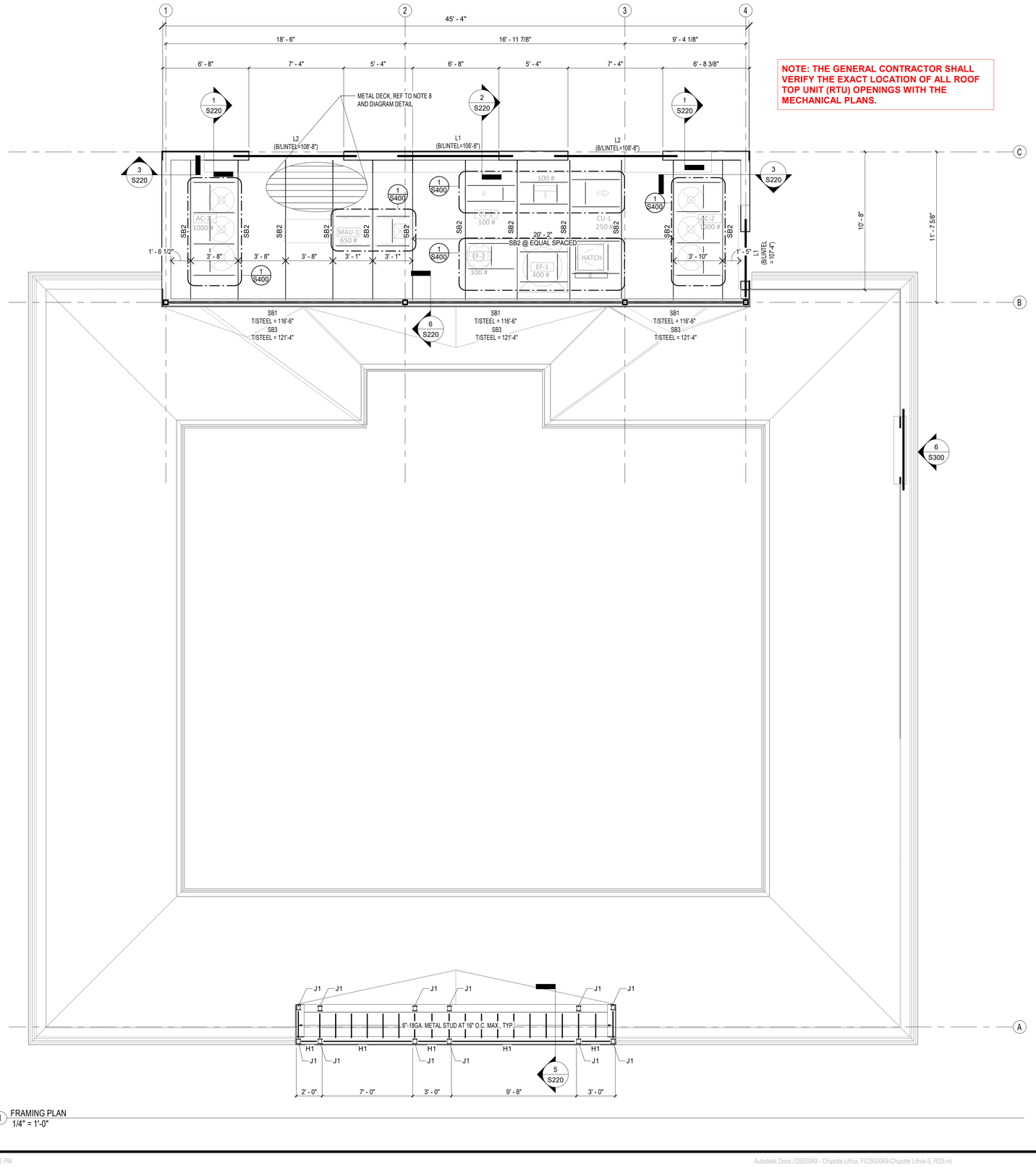
Sheet No.
S110



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

FRAMING PLAN NOTES

1. REFER TO STRUCTURAL GENERAL NOTES AND DESIGN CRITERIA.

2. THE GENERAL CONTRACTOR SHALL VERIFY ALL RTU WEIGHTS, LOCATIONS, CURB DIMENSIONS, SUPPORT RACK DIMENSIONS, ROOF OPENING SIZES AND ROOF OPENING LOCATIONS WITH MECH, ARCH, AND SUPPLIER PRIOR TO FABRICATION AND CONSTRUCTION. REPORT ANY DISCREPANCIES TO ARCHITECT AND ENGINEER.

3. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

4. REF ARCH FOR ROOF OPENING LOCATIONS. REFER TO FRAMING REINFORCEMENT DETAILS FOR ALL FOR OPENING REINFORCEMENTS.

5. UNLESS NOTED OTHERWISE, ALL STRUCTURAL STEEL WIDE FLANGE SHAPES TO BE A992 GRADE 50 STEEL.

6. STEEL FABRICATOR IS RESPONSIBLE FOR THE DESIGN AND DETAILING OF ALL MOMENT CONNECTIONS NOT SPECIFIED IN THE DRAWINGS INCLUDING BEAM AND/OR COLUMN STIFFENERS AND DOUBLERS IF REQUIRED.

7. ROOF METAL DECK REFER TO ROOF DIAPHRAGM CONNECTION DIAGRAM AND SCHEDULE.

8. ROOF METAL DECK SHALL BE 1-1/2" TYPE B 20 GA. GALVANIZED. ATTACH DECK SUPPORTS WITH 5/8" PUDDLE WELDS USING A 36/7 PATTERN AND 6" O.C. AT DECK EDGE. FASTEN SIDE LAPS WITH (4) #10 TEK SCREW BETWEEN EACH SUPPORT

FRAMING SCHEDULE

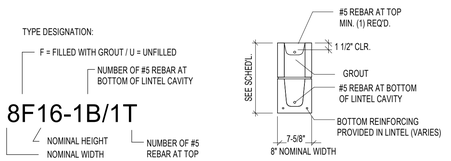
MARK	TYPE	REMARK
SB1	W10X26	REFER TO FRAMING SECTIONS AND DETAILS
SB2	W8X13	REFER TO FRAMING SECTIONS AND DETAILS
SB3	HSS6X4X1/4	REFER TO FRAMING SECTIONS AND DETAILS

JAMB SCHEDULE

MARK	MEMBER		SHAPE	REMARKS
	TRACK	STUDS		
J1	TYP4"-16 GA. TRACK	TYP4"-16 GA. TRACK		USE #10 TEKS @ 12" O.C.

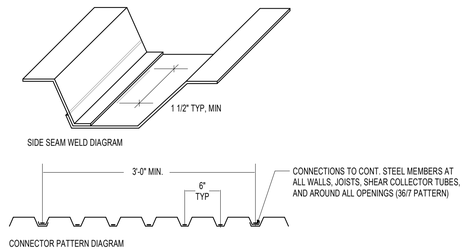
HEADER SCHEDULE

MARK	MEMBER		SHAPE	REMARKS
	SIDES	T & B		
H1	(2) 12" - 16 GA. STUDS	16 GA. TRACK		USE #10 TEKS @ 12" O.C.



LINTEL SCHEDULE

MARK	TYPE	COMMENTS
L1	8F8-1B/1T	REFER TO FRAMING PLAN FOR B/LINTEL LEVEL
L2	8F16-1B/1T	REFER TO FRAMING PLAN FOR B/LINTEL LEVEL
L3	8F24-1B/1T	REFER TO FRAMING PLAN FOR B/LINTEL LEVEL



2 TYP. FRAMING METAL DECK DIAGRAM
3/4" = 1'-0"

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FRAMING PLAN

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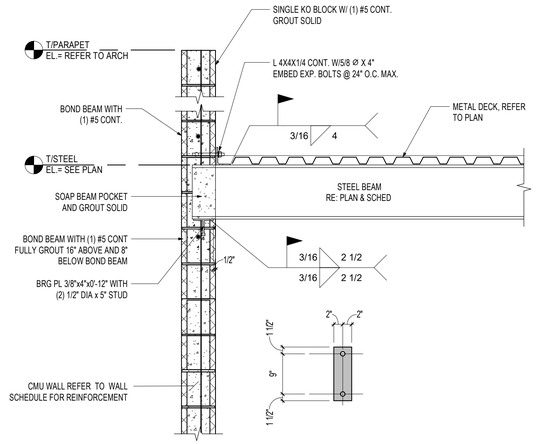
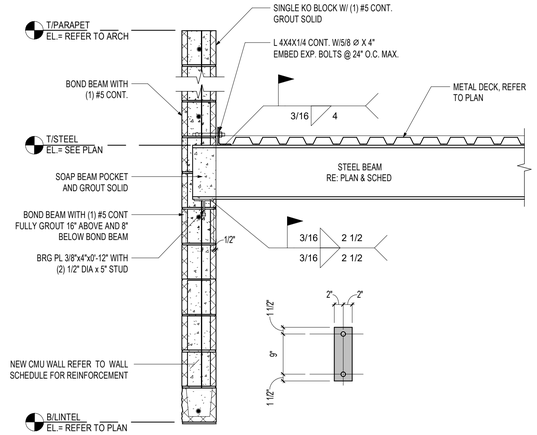
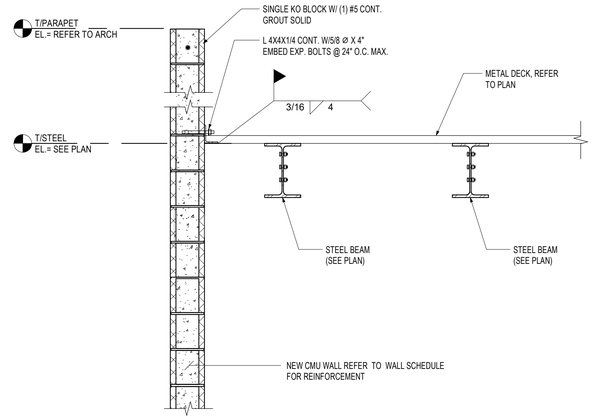
S200



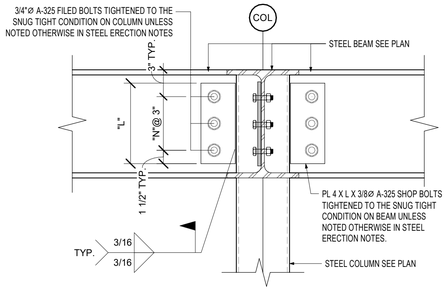
1 FRAMING SECTION
3/4" = 1'-0"

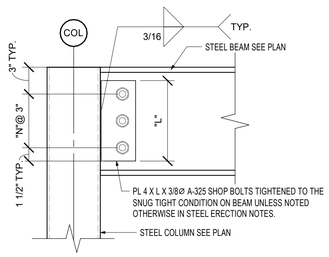


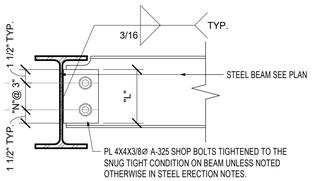
2 FRAMING SECTION
3/4" = 1'-0"



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

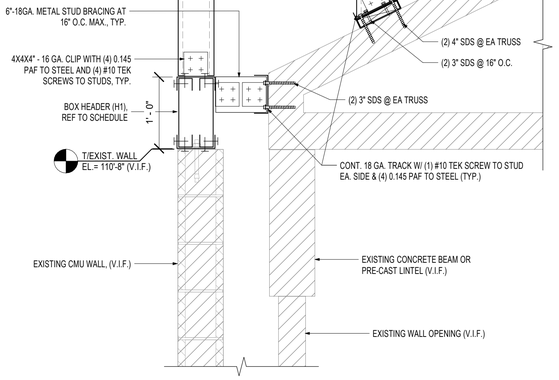




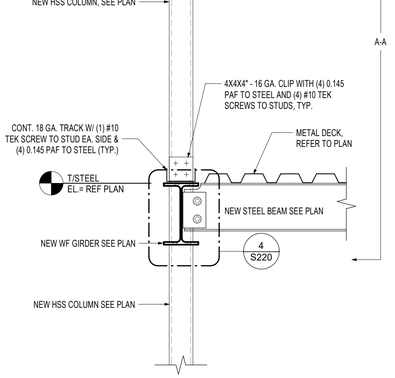


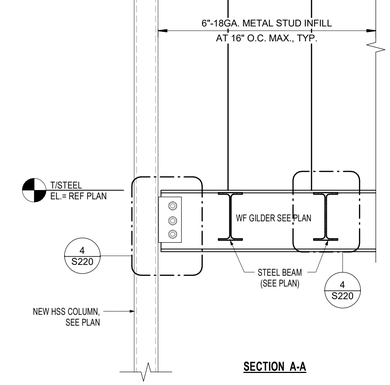
TYPICAL STEEL BEAM TO STEEL COLUMN CONNECTIONS				
BEAM SIZE	BOLT DIA.	NO. OF ROWS OF A325 BOLTS	ANGLE PLATE THK.	WELD SIZE
W8 - W10	3/4" DIA	(N=2) (L=6")	3/8"	3/16"
W12 - W14	3/4" DIA	(N=3) (L=9")	3/8"	3/16"
W16 - W18	3/4" DIA	(N=5) (L=12")	3/8"	3/16"
(PLATE FY = 36 KSI)		(BEAM FY = 50 KSI)		(A325 BOLTS)

4 STEEL FRAMING CONNECTION
1 1/2" = 1'-0"



5 CFS SECTION
1" = 1'-0"





SECTION A-A

6 CFS SECTION
1" = 1'-0"

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Expiration Date _____

NO.	DATE	REVISION

-

Designed:	EA
Drawn:	DA
Checked:	EA
Project No.:	2500049
Issue Date:	07/25/2025

FRAMING SECTIONS

CHIPOTLE LITHIA SHELL RENOVATION
16509 Fishhawk Blvd. Lithia, Fl 33547

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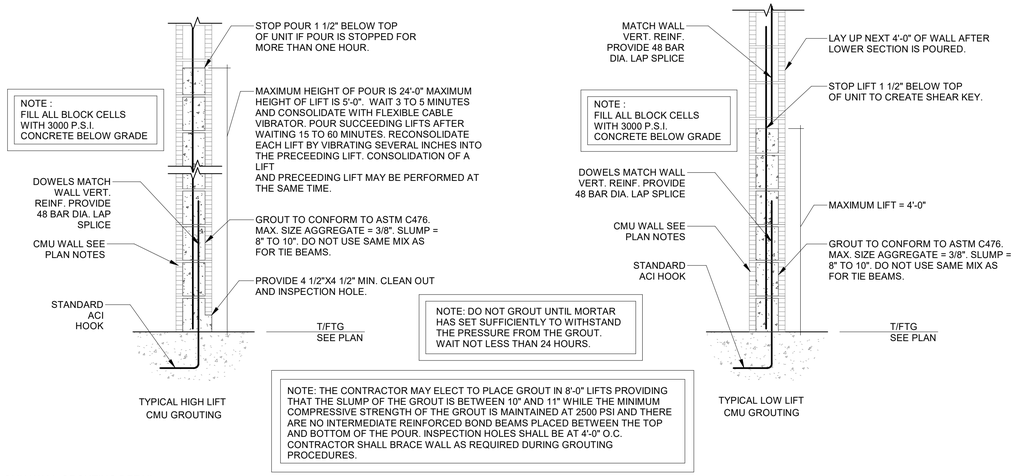
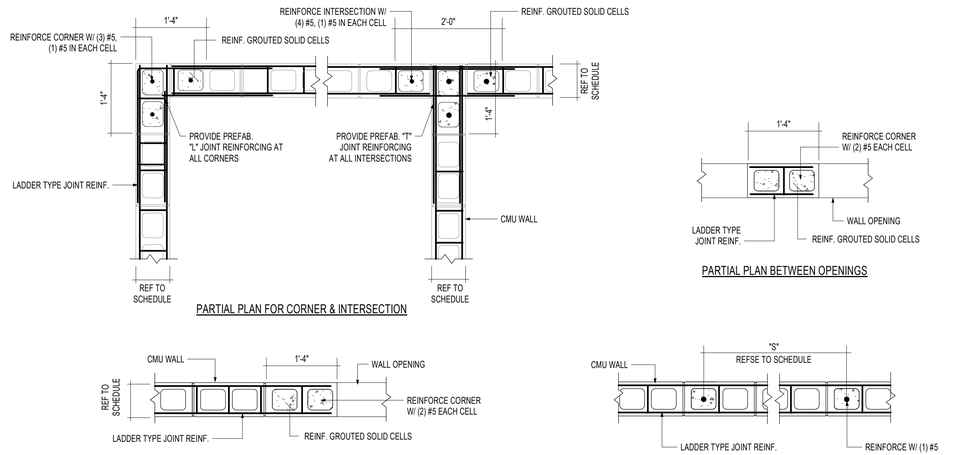
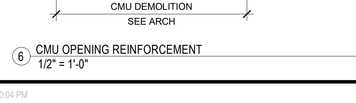
Sheet No.
S220



1 CMU WALL GROUTING DETAIL
3/4" = 1'-0"



2 CMU WALL PLAN DETAIL
3/4" = 1'-0"



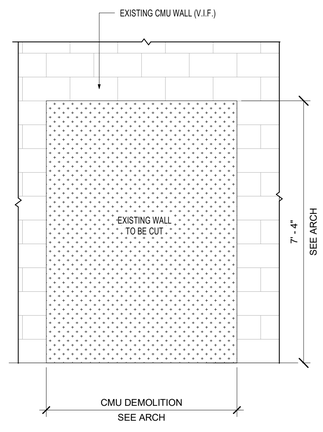
NOTES:

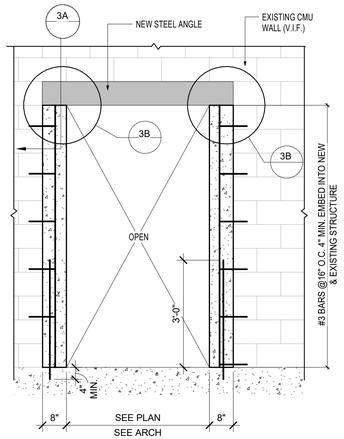
1. SAW CUT BOND BEAMS, TIE BEAMS 1" DEEP TO CONTINUE WALL CONTROL JOINT TO TOP OF WALL.
2. CONTROL JOINT LOCATIONS PER ARCH. DRAWINGS. REFER TO DWGS. FOR SPECIFIED LOCATIONS. AS NOTED THUS ▲
3. CONTINUE ALL LINTELS, BOND BEAMS, TIE BEAMS REINF. THROUGH THE JOINT. DO NOT CUT LINTEL, BOND BEAM AND TIE BEAM REINF. AT JOINT.

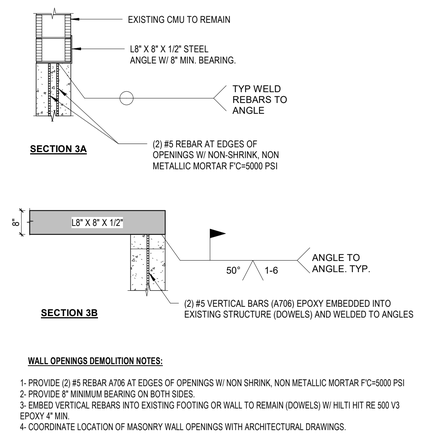
3 CMU VERTICAL JOINT DETAIL
3/4" = 1'-0"

4 CMU OPENING INFILL
3/4" = 1'-0"

5 CMU WALL REINFORCEMENT DETAIL
1" = 1'-0"



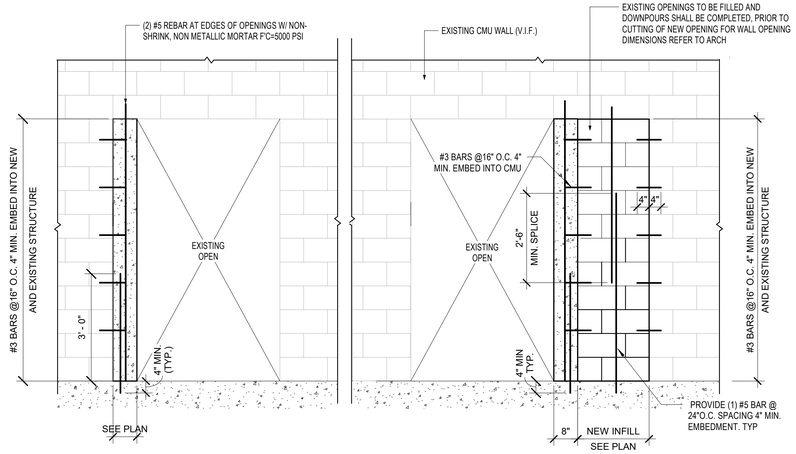




WALL OPENINGS DEMOLITION NOTES:

1- PROVIDE (2) #5 REBAR A706 AT EDGES OF OPENINGS W/ NON SHRINK, NON METALLIC MORTAR F'C=5000 PSI
2- PROVIDE 8" MINIMUM BEARING ON BOTH SIDES.
3- EMBED VERTICAL REBARS INTO EXISTING FOOTING OR WALL TO REMAIN (DOWELS) W/ HILTI HIT RE 500 V3 EPOXY 4" MIN.
4- COORDINATE LOCATION OF MASONRY WALL OPENINGS WITH ARCHITECTURAL DRAWINGS.

6 CMU OPENING REINFORCEMENT
1/2" = 1'-0"



7 CMU OPENING RINFORCEMENT
1/2" = 1'-0"

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Drawn:	Author
Checked:	Checker
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WALL REINFORCEMENT AND DETAILS

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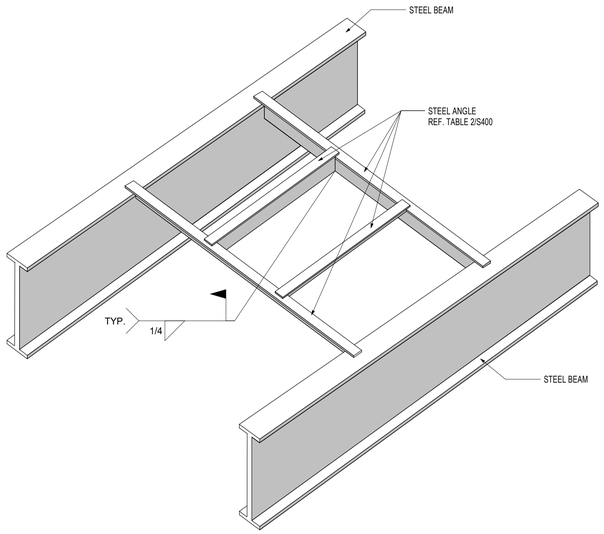
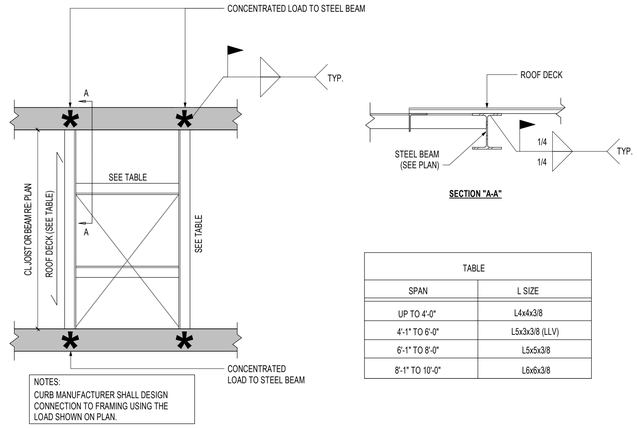
Sheet No.
S300

NOTE: THE GENERAL CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL ROOF TOP UNIT (RTU) OPENINGS WITH THE MECHANICAL PLANS.



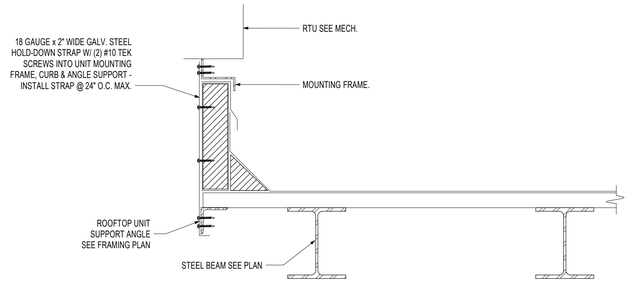
1 TYP. RTU ROOF OPENING FRAME
3/4" = 1'-0"



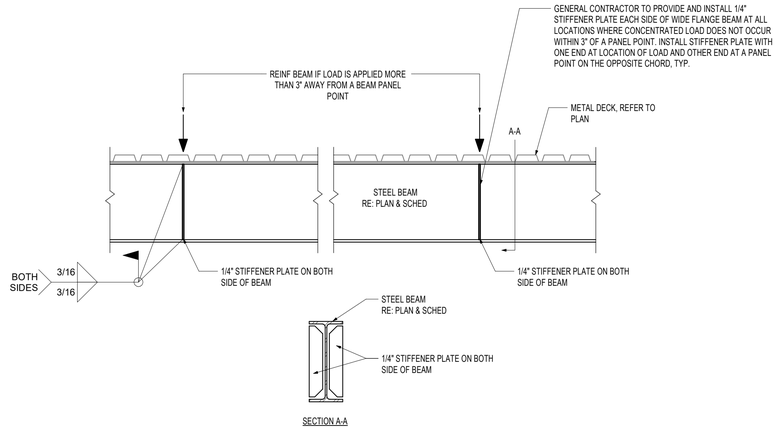
SECTION "A-A"

TABLE	
SPAN	L SIZE
UP TO 4'-0"	L4x4x3/8
4'-1" TO 6'-0"	L5x3x3/8 (LLV)
6'-1" TO 8'-0"	L5x5x3/8
8'-1" TO 10'-0"	L6x6x3/8

2 TYP. RTU ROOF OPENING FRAME - PLAN
3/4" = 1'-0"



3 ROOF CURB SECTION
1 1/2" = 1'-0"



4 TYP. BEAM REINF AT CONCENTRATED POINT LOADS
3/4" = 1'-0"

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FRAMING REINFORCEMENT SECTIONS

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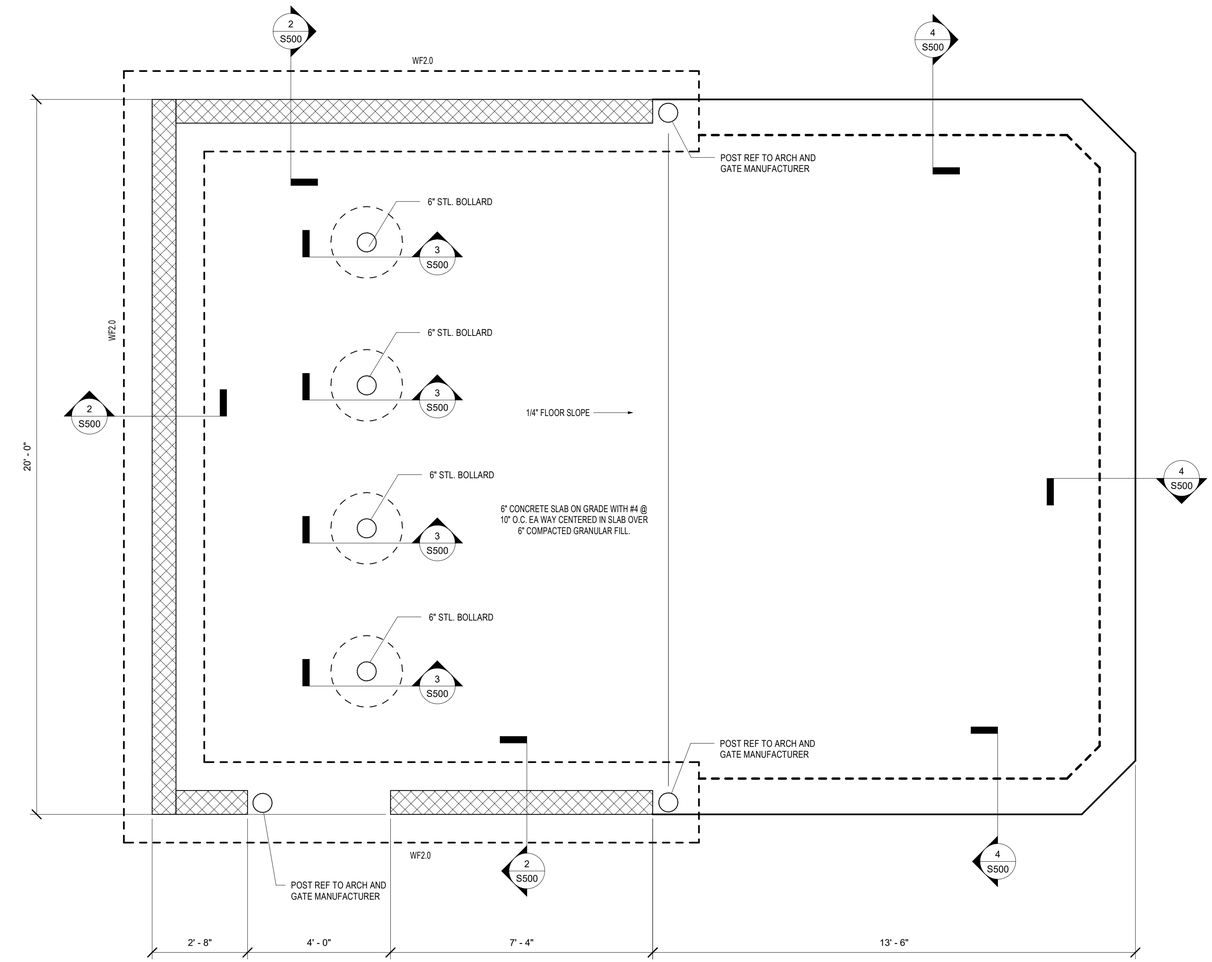
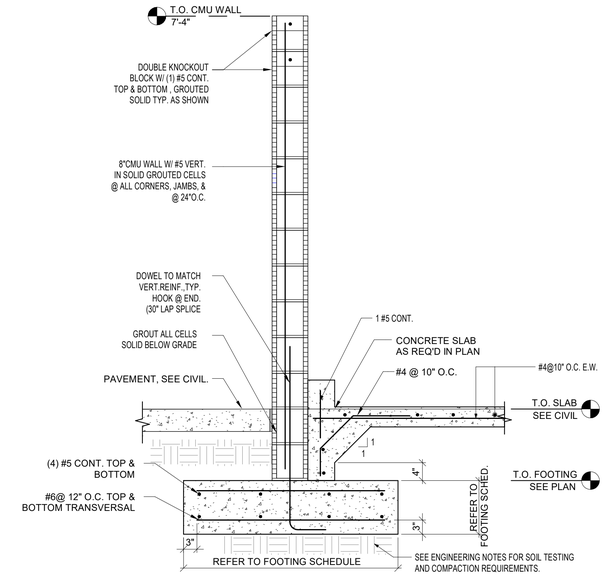
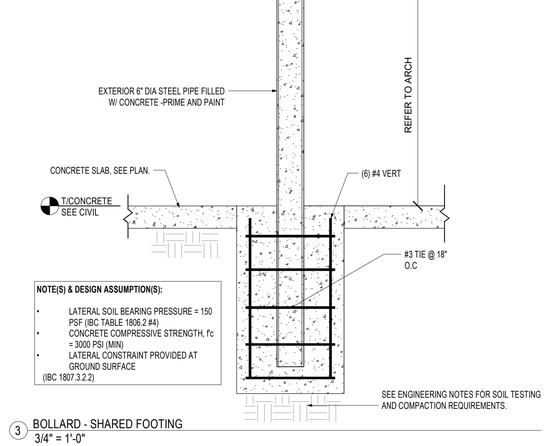
Sheet No.
S400



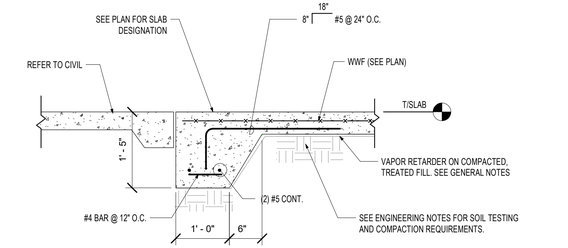
1 REFUSE ENCLOSURE PLAN
1/2" = 1'-0"



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



3 BOLLARD - SHARED FOOTING
3/4" = 1'-0"



4 TURNED DOWN EDGE
3/4" = 1'-0"

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REFUSE ENCLOSURE
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Sheet No.
S500

LIGHTING FIXTURE SCHEDULE

MK	DESCRIPTION	HEADS/FIXTURE			DIFFUSER	MOUNTING	VOLT	MANUFACTURER	REMARKS
		QTY	WATTS	TYPE					
A	EXTERIOR WALL SCONCE	–	13	LED	– –	WALL MOUNTED AT 9'-6" AFG	120V	RAB LIGHTING #WPLEDS	3000K LED
SL4	LED SITE LIGHTING AREA FIXTURE	1	183	LED	– –	POLE MOUNTED AT 25' AFG	MVOLT	LITHONIA LIGHTING #DSX1-LED-P7-40K-T4M-MVOLT-DBLXD-NLAIR2-PIRHN	SEE NOTES 3 AND 4
SL4T	TWIN LED SITE LIGHTING AREA FIXTURE	2	13.8	LED	– –	POLE MOUNTED AT 25' AFG	MVOLT	LITHONIA LIGHTING #DSX1-LED-P5-40K-T4M-MVOLT-DBLXD-NLAIR2-PIRHN	SEE NOTES 3 AND 4
SL5	LED SITE LIGHTING AREA FIXTURE	1	138	LED	– –	POLE MOUNTED AT 25' AFG	MVOLT	LITHONIA LIGHTING #DSX1-LED-P5-40K-T5W-MVOLT-DBLXD-NLAIR2-PIRHN	SEE NOTES 3 AND 4
HL	EXTERIOR WALL SCONCE	–	8	LED	– –	WALL MOUNTED AT 6'-8" AFG	120V	HEVI LITE #HL-340-BK-4000K-8LED-MF-GL-10	4000K LED
X9	EXTERIOR LED LINEAR LIGHT	–	10	LED	– –	WALL MOUNTED IN NICHE	120V	PARADIGM LED #AMC-2410-S FLEXSR-45-30-67-24 WITH OPAL LENS AND CAPS	PROVIDED WITH REMOTE MOUNTED NEMA 3R DRIVER

FIXTURE SCHEDULE NOTES:

1. FIXTURE SCHEDULE IS PROVIDED TO ESTABLISH A LEVEL OF QUALITY AND SET THE BASIS OF DESIGN FOR THIS PROJECT. ALTERNATE PACKAGES OF EQUAL OR GREATER QUALITY WILL BE ACCEPTED ONLY FROM SESCO, GENLYTE, WFLI AND LIGHTING PARTNERS OF CENTRAL FLORIDA. NO OTHERS WILL BE CONSIDERED FOR THIS PROJECT. PROVIDE EXTERIOR PHOTOMETRIC 10 DAYS PRIOR TO BID DATE FOR CONSIDERATION.
2. SUBMIT CATALOG CUT SHEETS FOR APPROVAL PRIOR TO ORDERING LIGHTING FIXTURES. SUBMIT ANY DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO SUBMITTING BIDS. SUBMISSIONS OF SHOP DRAWINGS TO THE ENGINEER/ARCHITECT THAT DO NOT MEET THE ABOVE REQUIREMENTS WILL NOT BE APPROVED.
3. PROVIDE WITH 32' OVERALL DIRECT BURIED TAPERED CONCRETE POLE, INSTALLED PER MANUFACTURERS WRITTEN INSTRUCTIONS. PROVIDED POLE MINIMUM EPA LOADING SHALL EXCEED THE FIXTURE AND MOUNTING ARM COMBINED EPA PER THE LOCAL WIND REQUIREMENTS OF 160MPH, 3 SECOND GUST, EXPOSURE B PER THE FLORIDA BUILDING CODE. SUBMIT WRITTEN SIGNED AND SEALED DOCUMENTATION INDICATING COMPLIANCE.
4. PROVIDE POLE MOUNTED SITE LIGHTING WITH INTEGRAL WIRELESS CONTROLS REQUIRED TO MEET FBC C405.2.5 FOR EXTERIOR POWER REDUCTION REQUIREMENTS.

ELECTRICAL NOTES

MATERIALS AND METHODS

1. ALL WIRE SHALL BE COPPER TYPE "THHN/THWN," SOLID FOR SIZES #10 AND #12, AND STRANDED FOR #8 AND LARGER UNLESS OTHERWISE NOTED.
2. MINIMUM WIRE SIZE SHALL BE #12 AWG. FOR BRANCH CIRCUITS OVER 100' MINIMUM HOMERUN TO PANEL SHALL BE #10 AWG.
3. ALL WIRE SHALL BE INSTALLED IN CONDUIT, UNLESS OTHERWISE NOTED. MINIMUM HOMERUN SIZE SHALL BE 1/4", 1/2" CONDUIT MAY BE USED BETWEEN DEVICES. ALL CONDUIT SHALL BE RUN PARALLEL AND PERPENDICULAR TO BUILDING WALLS AND FLOORS. MINIMUM U.G. CONDUIT HOMERUN SHALL BE 3/4". MC CABLE MAY BE USED PER THE NEC, WHERE CONCEALED.
4. ALL CONDUITS INSTALLED IN DRY INTERIOR LOCATIONS SHALL BE ELECTRICAL METALLIC TUBING, UNLESS OTHERWISE NOTED.
5. ALL CONDUITS INSTALLED IN EXTERIOR LOCATIONS SHALL BE RIGID SCH.80 PVC. ALL CONDUITS INSTALLED UNDERGROUND SHALL BE RIGID SCH.40 PVC. BURIED PER NEC. ALL EXTERIOR EQUIPMENT SHALL BE CONNECTED WITH LIQUID TIGHT FLEXIBLE METAL CONDUIT AND WEATHERPROOF FITTINGS.
6. INSTALL ALL RACEWAYS, BOXES, ENCLOSURES, AND CABINETS AS INDICATED AND INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS.
7. OUTLET AND SWITCH BOXES SHALL BE STEEL IN DRY LOCATIONS AND CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND OR OF SPECIAL CONSTRUCTION TO SUIT SPECIFIC SITUATIONS. ALL BOXES SHALL BE RECESSED FLUSH IN WALLS AND/OR CONCEALED ABOVE CEILINGS. PROVIDE ACCESS PANELS FOR BOXES LOCATED IN NON-READILY ACCESSIBLE AREAS.
8. INSTALL COMPONENTS AND EQUIPMENT TO PROVIDE MAXIMUM POSSIBLE HEADROOM WHERE MOUNTING HEIGHTS OR OTHER LOCATION CRITERIA ARE NOT INDICATED. MAINTAIN ALL WORKING CLEARANCES AROUND EQUIPMENT AS REQUIRED BY THE N.E.C. INSTALLED PANELBOARDS WITH TOP OF TRIM AT 6'-6" ABOVE FINISHED FLOOR.
9. ALL BRANCH AND FEEDER CIRCUITS SHALL CONTAIN A GROUNDING CONDUCTOR, UNLESS OTHERWISE NOTED, AND BE SIZED AND BONDED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRIC CODE. ALL GROUNDING CONDUCTORS SHALL BE COPPER, U.O.N.
10. ALL PANELBOARDS, DISCONNECT SWITCHES AND SYSTEM PANELS SHALL BE SQUARE D, GE OR EQUAL AND HAVE PLASTIC LAMINATE NAMEPLATES FOR IDENTIFYING SYSTEM FUNCTION AND CHARACTERISTICS.
11. FIRE SEAL ALL CONDUIT PENETRATIONS IN FIRE RATED WALLS AND FLOORS BACK TO INITIAL RATING. FLASH ALL CONDUIT ROOF PENETRATIONS AS REQUIRED TO PROVIDE WEATHERPROOF SEALS. COORDINATE WITH OTHER TRADES AND ROOFING CONTRACTOR. ALL PENETRATIONS IN FIRE RATED ASSEMBLIES SHALL BE PROTECTED BY APPROVED FIRE STOPPING SYSTEM IN ACCORDANCE TO SECTION 713 OF THE FBCB.
12. ALL WIRING DEVICES SHALL BE COMMERCIAL GRADE AND MANUFACTURED BY LEVITON, P&S OR HUBBELL. ALL DEVICES INSTALLED IN FINISHED AREAS SHALL BE WHITE WITH MATCHING NON-METALLIC FACEPLATES. FIELD VERIFY ACTUAL COLOR PRIOR TO ORDERING WITH OWNER OR TENANT. SWITCH AND OUTLET BOXES SHALL NOT BE INSTALLED WITHIN THE SAME STUD-CAVITY IN RATED PARTITIONS AND DEMISING WALLS. IF BACK TO BACK BOXES ARE NOT SEPARATED BY MINIMUM HORIZONTAL DISTANCE OF 24", THEN INSTALLATION OF A WALL OPENING PROTECTIVE MATERIAL (UL LISTED PUTTY PAD, INSTALLED ACCORDING TO THEIR UL CLASSIFICATION) IS REQUIRED TO MAINTAIN THE WALL RATING.
13. ALL DISCONNECT SWITCHES SHALL BE RATED HEAVY DUTY, AND NEMA 3R WHERE INSTALLED OUTDOORS.
14. PROVIDE SUPPLEMENTAL WIRE-TYPE SUPPORT OF ALL LAY-IN LIGHTING FIXTURES FROM BUILDING STRUCTURE. LIGHTING FIXTURES WEIGHING LESS THAN 10 POUNDS SHALL HAVE ONE #12 GAGE HANGER WIRE CONNECTED FROM THE LIGHTING FIXTURE TO THE STRUCTURE ABOVE. LIGHTING FIXTURE WEIGHING MORE THAN 10 POUNDS SHALL HAVE TWO #12 GAGE WIRES ATTACHED AT OPPOSING CORNERS OF THE LIGHTING FIXTURE.
15. PROVIDE NYLON PULLSTRINGS IN ALL RACEWAYS.
16. THESE ELECTRICAL PLANS AND PANEL SCHEDULES ARE BASED ON THE CONTRACTOR PROVIDING DEDICATED NEUTRALS FOR EACH 120V BRANCH CIRCUIT. MULTI-WIRE BRANCH CIRCUITS ARE NOT USED, UNLESS SPECIFICALLY NOTED.

GENERAL REQUIREMENTS

1. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, AND TOOLS TO PERFORM ALL WORK NECESSARY FOR THE COMPLETE EXECUTION OF THE ELECTRICAL WORK AS SHOWN ON THE DRAWINGS.
2. PROVIDE WORK NOT SPECIFICALLY SHOWN OR SPECIFIED, YET REQUIRED TO INSURE PROPER AND COMPLETE OPERATIONS OF ALL SYSTEMS AND TO SATISFY THE DESIGN INTENT IN THE WORK AND TO COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS.
3. LABOR FOR THE INSTALLATION OF MATERIALS AND EQUIPMENT FURNISHED UNDER THE ELECTRICAL CONTRACTORS' SCOPE OF WORK SHALL BE PERFORMED BY EXPERIENCED MECHANICS OF THE PROPER TRADE AND ALL WORKMANSHIP SHALL BE FIRST CLASS AND SHALL BE IN COMPLIANCE WITH THE SPECIFIC REQUIREMENTS OF THE CONTRACT DRAWINGS.
4. ALL DISCREPANCIES ON DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID CONSTITUTES ACCEPTANCE OF FIELD CONDITIONS.
5. ALL DIVISION 1 SPECIFICATIONS AND ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS OUTLINED IN THE CONTRACT DOCUMENTS SHALL APPLY TO ELECTRICAL SYSTEMS.
6. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE FOLLOWING CODES AND STANDARDS:

   FLORIDA BUILDING CODE 8TH EDITION
   NATIONAL FIRE PROTECTION ASSOCIATION, (NFPA)
   NATIONAL ELECTRICAL CODE, 2020 (NEC)
   NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, (NEMA)
   NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION, (NECA)
   AMERICAN NATIONAL STANDARDS INSTITUTE, (ANSI)
   UNDERWRITERS LABORATORIES, (UL)
   ALL LOCAL CODES, ORDINANCES, REGULATIONS
   LOCAL POWER COMPANY STANDARDS
   THE AUTHORITY HAVING JURISDICTION.
7. ALL MATERIALS PROVIDED BY THE CONTRACTOR SHALL BE NEW AND FREE OF DEFECTS AND SHALL BE UL LISTED FOR THE INTENDED APPLICATION.
8. THE ELECTRICAL DRAWINGS ARE NOT TO BE SCALED. WHERE SPECIFIC DETAILS AND DIMENSIONS FOR ELECTRICAL WORK ARE NOT SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL TAKE MEASUREMENTS AND MAKE LAYOUTS AS REQUIRED FOR FOR THE PROPER INSTALLATION AND COMPLETION OF THE WORK.
9. CONTRACTOR SHALL OBTAIN AND FURNISH ALL PERMITS, AND ARRANGE FOR ALL REQUIRED INSPECTIONS.
10. CONTRACTOR SHALL INSPECT SITE FOR FIELD VERIFICATION OF ALL ASPECTS OF THE PROJECT PRIOR TO BIDDING.
11. THE CONTRACT DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF CIRCUITS AND OUTLETS, LOCATION OF SWITCHES, PANELBOARDS, CONDUITS, AND OTHER WORK. FIELD VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION OF WORK.
12. ALL DISCONNECT SWITCHES AND STARTERS FOR THE MECHANICAL EQUIPMENT SHALL BE SIZED AND PROVIDED BY THE ELECTRICAL CONTRACTOR AND INSTALLED AND CIRCUITED BY THE ELECTRICAL CONTRACTOR, UNLESS OTHERWISE NOTED. INSTALL SWITCHES IN ACCESSIBLE LOCATIONS. PRIOR TO INSTALLATION OF ANY ELECTRICAL WORK RELATED TO NEW HVAC CIRCUITS, THE ELECTRICAL CONTRACTOR SHALL REVIEW THE MECHANICAL SHOP DRAWINGS FOR ACTUAL CIRCUIT REQUIREMENTS.
13. THE ELECTRICAL CIRCUITS, COMPONENTS, AND CONTROLS ARE SELECTED AND SIZED FOR THE EQUIPMENT SPECIFIED AND OR SHOWN. IF SUBSTITUTIONS AND/OR EQUIVALENT EQUIPMENT ARE FURNISHED, IT SHALL BE THE RESPONSIBILITIES OF ALL PARTIES CONCERNED, INVOLVED IN AND FURNISHING THE SUBSTITUTE AND/OR EQUIVALENT EQUIPMENT TO VERIFY AND COMPARE THE ELECTRICAL CHARACTERISTICS OF THAT FURNISHED TO THAT SHOWN.
14. FIELD COORDINATE EXACT ELECTRICAL CONNECTION POINTS TO EQUIPMENT PRIOR TO ROUGH IN OF ELECTRICAL COMPONENTS.
15. FIELD DETERMINE EXACT MOUNTING LOCATION OF DUCT MOUNTED SMOKE DETECTORS. INSTALL PER NFPA AND MANUFACTURER'S WRITTEN INSTRUCTIONS.
16. COORDINATE MOUNTING LOCATIONS OF LIGHTING SWITCHES, F/A DEVICES, TV, DATA/TEL OUTLETS, AND RECEPTACLES WITH MILLWORK, PRIOR TO ROUGH-IN.
17. COORDINATE MOUNTING LOCATIONS OF RECEPTACLE AND TV AND DATA OUTLETS WITH OWNER REPRESENTATIVE PRIOR TO ROUGH-IN. REFER TO ARCHITECTURAL PLANS FOR WALL CONSTRUCTION TYPES.
18. PROVIDE A 120V RECEPTACLE AND SWITCHED LIGHTING OUTLET WITH LAMP WITHIN 3 FT. OF THE SERVICING SIDE OF ALL ELECTRICALLY OPERATED MECHANICAL EQUIPMENT INSTALLED IN ATTICS AND CRAWL SPACES.
19. THE CONTRACTOR SHALL PROVIDE ALL CHANNEL AND ANGLE SUPPORTING SYSTEMS, HANGERS, ANCHORS, SLEEVES, BRACKETS, FABRICATED ITEMS, AND HARDWARE AS REQUIRED TO PROVIDE SECURE SUPPORT, PER N.E.C., FOR ALL ELECTRICAL COMPONENTS FROM THE BUILDING STRUCTURE.
20. SPECIFIED CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY ONLY, FIELD COORDINATE ACTUAL ROUTING OF CONDUITS.
21. PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED FOR ALL SUBS AND TO SUIT JOB CONDITIONS.
22. ALL MOUNTING HEIGHTS INDICATED ARE MEASURED FROM THE FINISHED FLOOR INSIDE, OR FINISHED GRADE OUTSIDE.
23. WHERE CONCEALED BY INACCESSIBLE FINISHES, PROVIDE ACCESS DOORS TO ELECTRICAL JUNCTION AND PULL BOXES, CONTROL DEVICES, AND EQUIPMENT. DISCONNECT SWITCHES AND ALL OTHER ITEMS REQUIRING MAINTENANCE, ADJUSTING, OR SERVICE. COORDINATE LOCATION OF ACCESS PANELS WITH ARCHITECT AND ALL AFFECTED TRADES.
24. PROVIDE FINAL CLEANUP AND CONDUCT FIELD TESTS AFTER INSTALLATION OF ALL ELECTRICAL WORK. ADJUST ITEMS TO THE SATISFACTION OF THE OWNER, ARCHITECT, AND ENGINEER. LEAVE PANELBOARD INTERIOR CLEAN AND FREE FROM CONSTRUCTION DEBRIS. NEATLY DRESS ALL WIRING, AND RE-TIGHTEN ALL TERMINATIONS PER MANUFACTURERS' RECOMMENDATIONS.
25. TEST RESISTANCE OF GROUNDING ELECTRODE SYSTEM TO EARTH TO ACHIEVE A MINIMUM OF 10 OHMS, PROVIDE ADDITIONAL ELECTRODE TO OBTAIN ADEQUATE READING.
26. MAINTAIN ON THE JOBSITE IN GOOD CONDITION ONE SET OF UP TO DATE AS-BUILT ELECTRICAL DRAWINGS. PROGRESSIVELY, NEATLY, LEGIBLY AND EXACTLY RECORD ON THESE DRAWINGS THE LOCATION OF ALL CONCEALED CONDUIT RUNS AND ALL WORK WHICH IS INSTALLED DIFFERENTLY THAN IN THE LOCATION AND MANNER INDICATED ON THE DRAWINGS. PROVIDE A COPY OF THESE PLANS FOR THE OWNER.
27. UPON COMPLETION OF PROJECT, BALANCE PANELBOARD LOADS AMONG PHASES IN NEW PANELBOARDS WITHIN 10% OF EACH OTHER.
28. PROVIDE A FULL ONE YEAR WARRANTY ON ALL ELECTRICAL LABOR, AND MATERIALS INSTALLED ON THIS PROJECT, STARTING FROM THE ISSUANCE OF THE OWNERS CERTIFICATE OF OCCUPANCY.
29. PER FLORIDA ENERGY CODE SECTION C405.5.3, THESE PLANS HAVE BEEN DESIGNED TO LIMIT THE COMBINED VOLTAGE DROP ON FEEDERS AND BRANCH CIRCUITS TO 5% MAXIMUM.

FUNCTIONAL TESTING:

1. THE ELECTRICAL CONTRACTOR SHALL ARRANGE FOR AND COMPLETE FUNCTIONAL TESTING AT THE END OF THE PROJECT PRIOR TO THE FINAL INSPECTION TO ENSURE THAT LIGHTING AND RECEPTACLE CONTROL HARDWARE AND SOFTWARE ARE CALIBRATED, ADJUSTED, PROGRAMMED AND IN PROPER WORKING CONDITION IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. WHERE REQUIRED BY THE CODE OFFICIAL, AN APPROVED PARTY INDEPENDENT FROM THE DESIGN OR CONSTRUCTION OF THE PROJECT SHALL BE RESPONSIBLE FOR THE FUNCTIONAL TESTING AND SHALL PROVIDE DOCUMENTATION TO THE CODE OFFICIAL CERTIFYING THAT THE INSTALLED LIGHTING MEET THE PROVISIONS OF SECTION C405.
2. WHERE OCCUPANT SENSORS, TIME SWITCHES, PROGRAMMABLE SCHEDULE CONTROLS, PHOTO SENSORS OR DAYLIGHTING CONTROLS ARE INSTALLED, THE FOLLOWING GENERAL PROCEDURES SHALL BE PERFORMED. REFER TO FBC C408.3 FOR SPECIFIC REQUIREMENTS.
   A. CONFIRM THAT THE PLACEMENT, SENSITIVITY AND TIME-OUT ADJUSTMENTS FOR OCCUPANT SENSORS YIELD ACCEPTABLE PERFORMANCE.
   B. CONFIRM THAT THE TIME SWITCHES AND PROGRAMMABLE SCHEDULE CONTROLS ARE PROGRAMMED TO TURN THE LIGHTS AND CONTROLLED RECEPTACLES OFF.
   C. CONFIRM THAT THE PLACEMENT AND SENSITIVITY ADJUSTMENTS FOR PHOTO SENSOR CONTROLS REDUCE ELECTRIC LIGHT BASED ON THE AMOUNT OF USABLE DAYLIGHT IN THE SPACE AS SPECIFIED.
3. WITHIN 90 DAYS FROM THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL SUBMIT TO THE BUILDING OWNER DOCUMENTATION CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET THE DOCUMENTED PERFORMANCE CRITERIA OF SECTION C405.

PROJECT COMPLETION REQUIREMENTS

1. WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, CONTRACTOR SHALL PROVIDE RECORD DRAWINGS OF THE ACTUAL INSTALLATION TO THE BUILDING OWNER, INCLUDING:
   A. A SINGLE-LINE DIAGRAM OF THE BUILDING ELECTRICAL DISTRIBUTION SYSTEM.
   B. FLOOR PLANS INDICATING LOCATION AND AREA SERVED FOR ALL DISTRIBUTION.
2. THE CONTRACTOR SHALL PROVIDE OPERATING MANUAL AND MAINTENANCE MANUALS TO THE BUILDING OWNER. THE MANUALS SHALL BE NEATLY BOUND AND ORGANIZED AND SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:
   A. SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
   B. OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
   C. NAME AND ADDRESS OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

ABBREVIATIONS:

A	AMPERES	KAIC	(THOUSAND) AMPERE INTERRUPTING CAPACITY
A/C	AIR CONDITIONING	KVA	KILOVOLT AMPERES
AFF	ABOVE FINISHED FLOOR	KW	KILOWATT
AFG	ABOVE FINISHED GRADE	LTG	LIGHTING
AHU	AIR HANDLING UNIT	MH	METAL HALIDE
AWG	AMERICAN WIRE GAUGE	MCM	THOUSANDS OF CIRCULAR MILS
B.C.	BELOW COUNTER	N	NEUTRAL
CH	COUNTER HEIGHT	N.C.	NORMALLY CLOSED
C	CONDUIT	NF	NON-FUSED
CFL	COMPACT FLUORESCENT	NL	NIGHT LIGHT
CT	CURRENT TRANSFORMER	P	POLE
CU	COPPER	PVC	POLYVINYL CHLORIDE
DISC	DISCONNECT	SPEC	SPECIFICATION
EM	EMERGENCY	SS	STAINLESS STEEL
EMT	ELECTRICAL METALLIC TUBING	SQ	SQUARE
EWC	ELECTRIC WATER COOLER	TS	TAMPER SWITCH
FACP	FIRE ALARM CONTROL PANEL	TTB	TELEPHONE TERMINAL BOARD
FS	FLOW SWITCH	TYP	TYPICAL
FMC	FLEXIBLE METAL CONDUIT	UC	UNDER COUNTER
GFI	GROUND FAULT CIRCUIT INTERRUPTER	UG	UNDERGROUND
GND	GROUND	UON	UNLESS OTHERWISE NOTED
GRC	GALVANIZED RIGID CONDUIT	V	VOLTS
HVAC	HEATING, VENTILATION, AIR CONDITIONING	W	WIRE
IG	ISOLATED GROUND	WP	WEATHERPROOF
J	JUNCTION	YWYE	(CONNECTED)

SUBMITTALS

1. SUBMIT MANUFACTURERS' CUT SHEETS AND CATALOG DATA CLEARLY INDICATING THE SPECIFIC PART OR PRODUCT CATALOG NUMBER(S) FOR APPROVAL.
2. ELECTRONICALLY SUBMIT REQUESTED INFORMATION, NEATLY BOUND AND INDEXED PER CATEGORY FOR THE FOLLOWING ITEMS, NOT ALL RELEVANT ON ALL PROJECTS:
   A. EXTERIOR LIGHTING FIXTURES.
   B. SWITCHGEAR INCLUDING PANELBOARDS, DISCONNECT SWITCHES.
3. ALLOW TWO WEEKS FOR ENGINEER TO COMPLETE REVIEW OF SHOP DRAWINGS. ENGINEER WILL NOT BE RESPONSIBLE FOR PROJECT DELAYS RELATED TO DELIVERY AND TRANSMISSION OF SHOP DRAWINGS ONCE INFORMATION HAS LEFT ENGINEER'S OFFICE. ITEMS REQUIRING LONG LEAD TIME SHOULD BE SUBMITTED AS SOON AS POSSIBLE.

SYMBOLS

LIGHTING

- EXIT EMERGENCY COMBO, WALL MOUNTED ABOVE DOOR. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- FLUORESCENT STRIP LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- EXTERIOR WALL LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- $F 125V AC DIGITAL 7-DAY, 24 HOUR TIMER SWITCH. MOUNT AT 48" AFF.
- EXTERIOR EMERGENCY WALL LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- EXTERIOR LINER LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- SINGLE POLE MOUNTED SITE LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.
- TWIN POLE MOUNTED SITE LIGHTING FIXTURE. SEE LIGHTING FIXTURE SCHEDULE FOR DETAILS.

POWER AND WIRING

- 120/208V PANELBOARD AS SCHEDULED
- 3 30 — FUSED DISCONNECT SWITCH. NEMA 1 (INDOOR) OR NEMA 3R (OUTDOOR). SINGLE NUMBER INDICATES NUMBER OF POLES. TOP NUMBER INDICATES MAXIMUM AMPERAGE. BOTTOM INDICATES ACTUAL FUSING AS INDICATED OR AS DETERMINED FROM MANUFACTURER'S NAMEPLATE. DISCONNECT SWITCH MUST BE CAPABLE OF BEING LOCKED IN THE OPEN (OFF) POSITION.
- 3 30 NF — NON-FUSED (NF) DISCONNECT SWITCH. NEMA 1 (INDOOR) OR NEMA 3R (OUTDOOR). SINGLE NUMBER INDICATES NUMBER OF POLES. TOP NUMBER INDICATES MAXIMUM AMPERAGE. DISCONNECT SWITCH MUST BE CAPABLE OF BEING LOCKED IN THE OPEN (OFF) POSITION.
- J — JUNCTION BOX. CODE SIZED FOR APPLICATION.
- RACEWAY CONCEALED ABOVE CEILING, IN WALLS OR EXPOSED.
- RACEWAY CONCEALED BELOW FLOOR, ROOF, OR GRADE.
- HOMERUN TO PANELBOARD, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS. PROVIDE GREEN INSULATED GROUNDING CONDUCTOR IN ALL POWER AND LIGHTING RACEWAYS, NOT SHOWN ON PLANS.
- GROUND

WIRING DEVICES

- 125V AC 20 AMP DUPLEX RECEPTACLE, NEMA 5-20R MOUNTED AT 18" AFF, U.O.N.
- WP — 125V AC 20 AMP DUPLEX RECEPTACLE NEMA 5-20R, WITH GROUND FAULT CIRCUIT INTERRUPTER, RECEPTACLE SHALL BE LISTED AS WEATHER RESISTANT

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CHIPOTLE
16509 FISHHAWK BOULEVARD, LITHIA, FL 33547
DRAWING TITLE
NOTES, SYMBOLS AND SCHEDULES

ENGINEER OF RECORD

DAVID E. ALLEY, PE
PE #55008

DATE:	07-25-25
SCALE:	AS NOTED
PROJ. NO. :	250098
DESIGNED BY:	DAP
DRAWN BY:	DAP
CHECKED BY:	DEA
DRAWING NO.:	E1

SITE ELCTRICAL PLAN

SCALE: 1" = 20'

PLAN NOTES:

1. APPROXIMATE LOCATION OF EXISTING 120/208V 3ø, 4W PAD-MOUNTED TRANSFORMER TO REMAIN. FIELD VERIFY ALL REQUIREMENTS WITH TECO. REFER TO RISER DIAGRAM ON DRAWING E6 FOR ADDITIONAL INFORMATION.
2. PROPOSED LOCATION OF CT METER AND CT CABINET. REFER TO RISER DIAGRAM ON DRAWING E6 FOR ADDITIONAL INFORMATION.
3. PROPOSED LOCATION OF MAIN DISCONNECT SWITCH. REFER TO RISER DIAGRAM ON DRAWING E6 FOR ADDITIONAL INFORMATION.
4. PROPOSED ROUTING OF U.G. SERVICE LATERAL. SEE RISER DIAGRAM ON DRAWING E6 FOR CONDUIT AND WIRE SIZES.
5. PROPOSED STUB-UP LOCATION FOR TELEPHONE AND INTERNET SERVICE PROVIDER CONDUITS.
6. PROPOSED ROUTING OF U.G. (2) 2" TELEPHONE AND (1) 2" INTERNET SERVICE CONDUITS TO SERVICE POINT. CONTRACTOR SHALL FIELD VERIFY WITH SERVICE PROVIDERS EXACT SERVICE POINTS PRIOR TO ROUGH-IN.
7. PROVIDE VEHICLE DETECTOR LOOP – 6'x4' WITH 4 TURNS (EMX PR-46-XX). VERIFY LENGTH OF LEAD-IN WIRE PRIOR TO ORDERING TO ALLOW WIRE TO REACH VEHICLE DETECTOR WITHOUT SPLICING. SEE TENANT PLANS FOR LOCATIONS.
8. PROVIDE (2) 1" U.G. CONDUIT FROM VEHICLE DETECTOR LOOP LOCATION TO LOW VOLTAGE J-BOX. SEE TENANT PLANS FOR J-BOX LOCATION.
9. PROVIDE 1" U.G. CONDUIT FROM ANNOUNCE SIGN LOCATION TO LINE VOLTAGE J-BOX. SEE TENANT PLANS FOR J-BOX LOCATION. AT SIGN LOCATION STUB-UP CONDUIT TO 24" AFG AND CAPPED OFF.
10. PROVIDE 1" U.G. CONDUIT FROM CLEARANCE BAR LOCATION TO LINE VOLTAGE J-BOX. SEE TENANT PLANS FOR LOCATION. J-BOX. AT BAR LOCATION STUB-UP CONDUIT TO 24" AFG AND CAPPED OFF.
11. PROVIDE 1" U.G. CONDUIT FROM SITE DIRECTIONAL SIGNAGE AND/OR MONUMENT SIGN LOCATION(S) TO LINE VOLTAGE J-BOX. SEE TENANT PLANS FOR J-BOX LOCATION. FIELD VERIFY NUMBER OF DIRECTIONAL SIGNS FOR ROUGH-IN LOCATIONS. MONUMENT SIGN LOCATION TO BE DETERMINED BY LL AND APPROVED BY CHIPOTLE. AT SIGN LOCATIONS STUB-UP CONDUIT TO 24" AFG AND CAP OFF.
12. PROVIDE 1" U.G. CONDUIT WITH (3)#10s FROM SITE LIGHTING FIXTURE(S) TO LINE VOLTAGE J-BOX. SEE TENANT PLANS FOR J-BOX LOCATION. SITE LIGHTING FIXTURES CAN BE DAISY-CHAINED.
13. FROM INTERIOR LINE VOLTAGE J-BOX EXTEND (1) 2" U.G. CONDUIT TO 6"X6"X4" IN-GRADE J-BOX. SEE DRAWING E5 FOR INTERIOR BOX FOR LOCATION.
14. FROM INTERIOR LOW VOLTAGE J-BOX EXTEND (1) 2" U.G. CONDUIT TO 9"X8"X4" IN-GRADE J-BOX. SEE DRAWING E5 FOR INTERIOR BOX FOR LOCATION.
15. PROVIDE 1" U.G. CONDUIT FROM FUTURE IRRIGATION PUMP CONTROL BOX TO FUTURE ELECTRICAL PANEL. SEE DRAWING E5 FOR LOCATION.

GENERAL NOTES:

1. PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS.
2. PROVIDE CONDUIT CAPS TO SEAL ENDS OF CONDUITS STUBBED UP ABOVE GRADE TO PROTECT FROM THE ELEMENTS.
3. NO CONDUCTORS SPLICES SHALL BE ALLOWED. ALL CONDUCTORS BELOW GRADE SHALL BE SUITABLE FOR WET LOCATIONS.
4. COORDINATE INSTALLATION OF CONDUITS WITH INSTALLATION OF SIGN FOUNDATIONS.
5. DEMO ANY REMAINING SITE ELECTRICAL ITEMS NO LONGER PART OF NEW WORK SUCH AS SITE LIGHTING POLE, BASES, MISCELLANEOUS EQUIPMENT RELATED TO THE PREVIOUS TENANT.

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CONSTRUCTION ENGINEERING GROUP
Consulting Engineers

CHIPOTLE

16509 FISHHAWK BOULEVARD, LITHIA, FL 33547

DRAWING TITLE
SITE ELECTRICAL PLAN

ENGINEER OF RECORD

DAVID E. ALLEY, PE
PE #55008

DATE:	07-25-25
SCALE:	AS NOTED
PROJ. NO. :	250098
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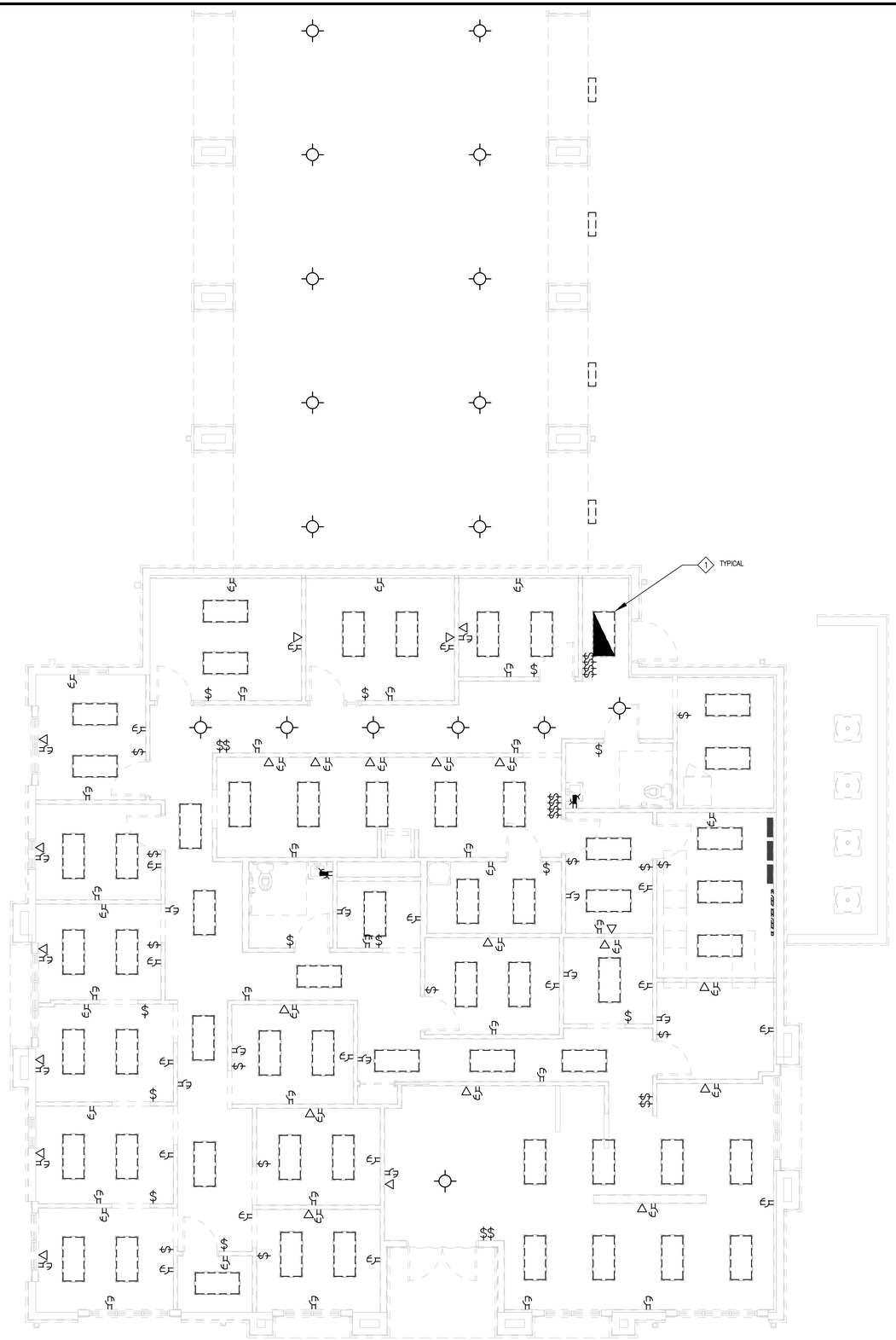

ELECTRICAL DEMO PLAN

SCALE: 3/16" = 1'-0"

0 2'-8" 5'-4" 10'-8" 16'

SCALE 3/16" = 1'-0"

PLAN NOTES:

1. DISCONNECT AND REMOVE ALL ELECTRICAL WORK AS REQUIRED TO RENOVATE BUILDING FOR NEW TENANT. ALL ELECTRICAL WORK SHALL BE COMPLETELY REMOVED. COMPLETE A SITE VISIT TO DETERMINE COMPLETE SCOPE REQUIRED.

ALTERATION NOTES

1. THIS PROJECT IS A RENOVATION OF AN EXISTING FACILITY AND EXISTING INFORMATION IS TAKEN FROM EXISTING CONSTRUCTION DOCUMENTS, VARIOUS SURVEYS AND FIELD INVESTIGATIONS. IT SHOULD BE UNDERSTOOD BY THE BIDDING CONTRACTORS THAT UNFORESEEN CONDITIONS PROBABLY EXIST AND AS SUCH THE CONTRACTORS SHALL TAKE EXTRA STEPS DURING BIDDING TO FULLY DETERMINE AND UNDERSTAND THE FULL SCOPE OF THE WORK IN ORDER TO SUCCESSFULLY COMPLETE THIS PROJECT.
2. COMPLETE A SITE INVESTIGATION AND WALK-THROUGH OF THE EXISTING CONDITIONS PRIOR TO BIDDING PROJECT. IT WILL BE ASSUMED THAT THE SELECTED CONTRACTOR HAS TAKEN ALL REASONABLE STEPS TO ACCOUNT FOR THE DIFFICULTIES ASSOCIATED WITH COMPLETING THE SCOPE OF WORK AND THEREFORE ANY REQUESTS FOR ADDITIONAL COMPENSATION ASSOCIATED WITH MODIFICATION OF THE EXISTING CONDITIONS AND THE INCORPORATION OF THE NEW WORK WILL NOT BE APPROVED.
3. DISCUSS OWNERSHIP OF DEMOLISHED MATERIALS WITH OWNER PRIOR TO DISCARDING, OWNER HAS FIRST RIGHT OF REFUSAL. UPON ACKNOWLEDGMENT FROM OWNER, PROMPTLY REMOVE ALL DEMOLISHED MATERIALS NOT INDICATED TO BE REINSTALLED FROM THE PROJECT SITE AND ARRANGE FOR PROPER AND SAFE DISPOSAL.
4. FIELD COORDINATE PROJECT PHASING SCHEDULE WITH GENERAL CONTRACTOR PRIOR TO BIDDING.

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DRAWING TITLE
ELECTRICAL DEMO PLAN

ENGINEER OF RECORD

DAVID E. ALLEY, PE
PE #55008

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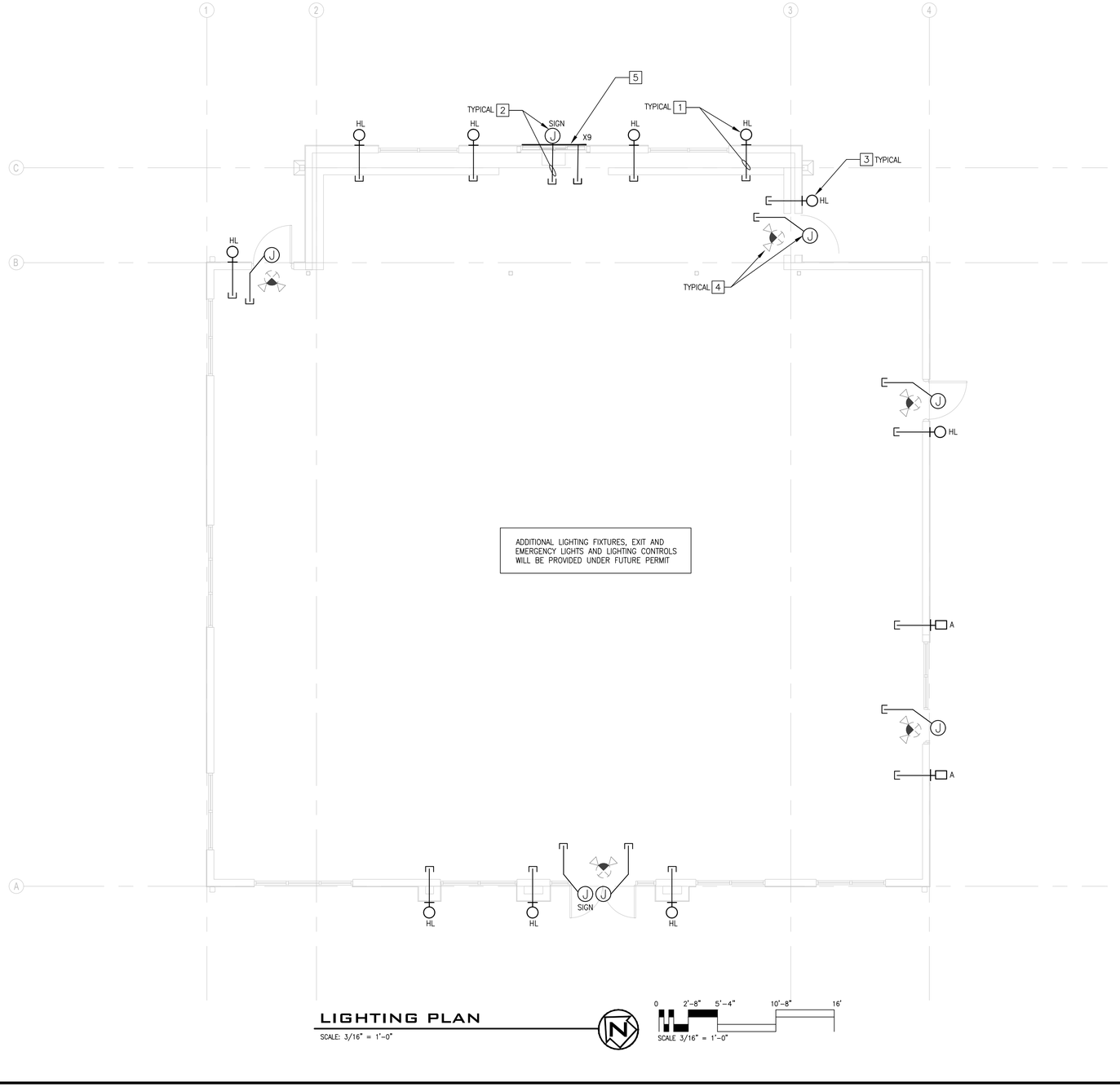

ADDITIONAL LIGHTING FIXTURES, EXIT AND EMERGENCY LIGHTS AND LIGHTING CONTROLS WILL BE PROVIDED UNDER FUTURE PERMIT

LIGHTING PLAN

SCALE: 3/16" = 1'-0"

0 2'-8" 5'-4" 10'-8" 16'

SCALE 3/16" = 1'-0"

PLAN NOTES:

1. PROVIDE RECESSED JUNCTION BOX AND CONCEALED 3/4" CONDUIT WITH (3)#12'S, STUBBED IN TO ABOVE FUTURE CEILING FOR EXTERIOR WALL LIGHTING FIXTURES. REFER TO FIXTURE SCHEDULE ON DRAWING E1 FOR FIXTURE MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON THIS PLAN.
2. PROVIDE WP JUNCTION BOX AND EMPTY 3/4" CONDUIT WITH PULL STRING FOR FUTURE TENANT SIGNAGE. STUB CONDUIT INTO TENANT SPACE ABOVE FUTURE CEILING.
3. EXTERIOR LIGHTING FIXTURES SHALL BE CONTROLLED BY THE TENANTS FUTURE LIGHTING CONTROL PANEL.
4. INTERIOR EXIT SIGNS AND EXTERIOR EMERGENCY LIGHTS INSTALLED UNDER TENANT PERMIT. PROVE RECESSED EXTERIOR JBOX FOR EXTERIOR EM LIGHTS PER TENANT PLANS.
5. PROVIDE LED LINEAR LIGHT UNDER CANOPY ABOVE DRIVE THRU WINDOW. LED LIGHTING LENGTH TBD.

ALL LANDLORD'S BASE BUILDING WIRING RUNNING THROUGH TENANT'S EXPOSED CEILING SHALL BE ENCASED IN EMT OR IMC CONDUIT, RUN TIGHT TO THE DECK AND PARALLEL OR PERPENDICULAR TO THE MAIN ENTRY STOREFRONT. THERE SHALL BE NO DIAGONAL RUNS AND ALL CONDUITS SHALL BE IN STRAIGHT LINES.

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LIGHTING PLAN

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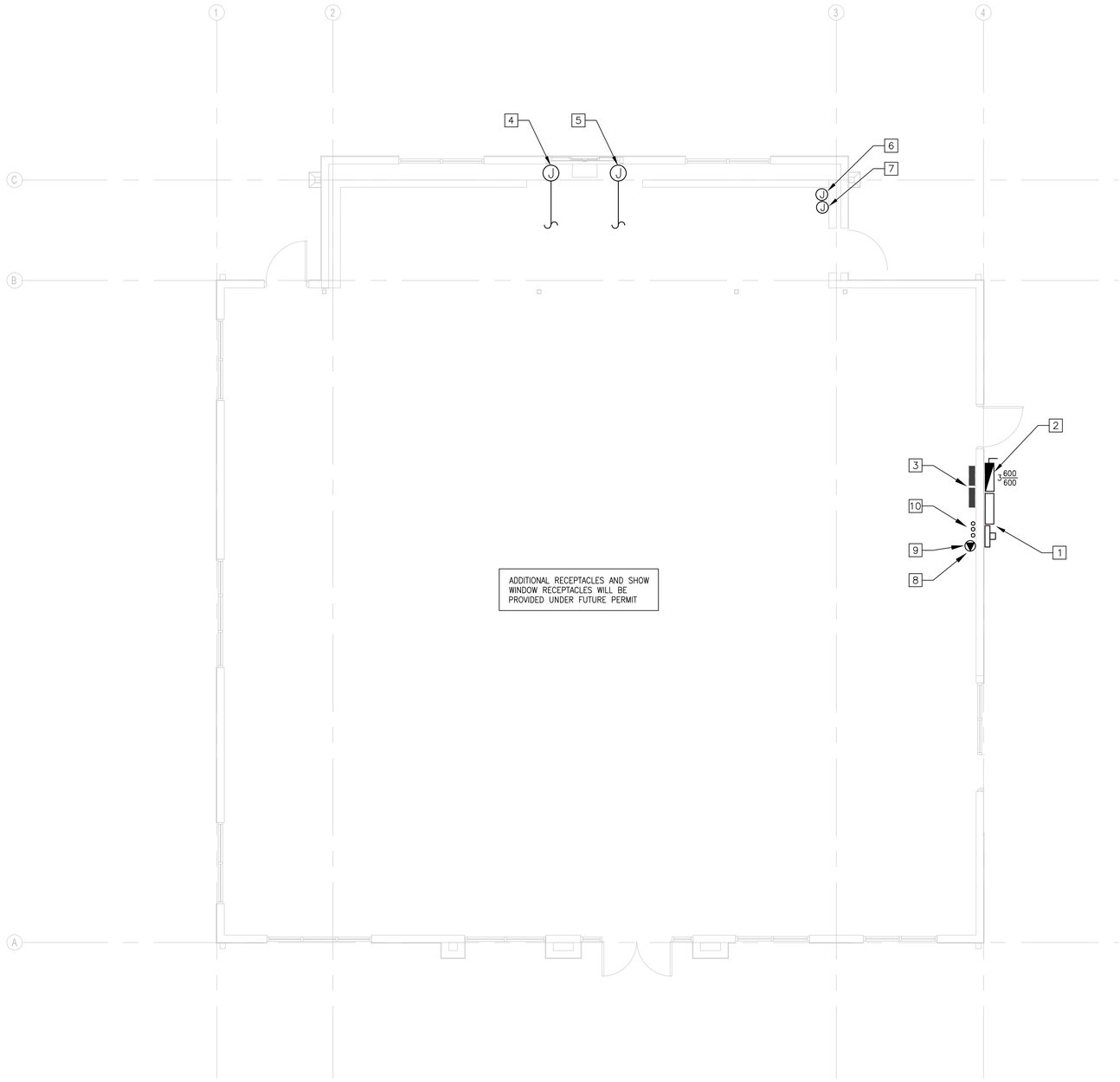

ADDITIONAL RECEPTACLES AND SHOW WINDOW RECEPTACLES WILL BE PROVIDED UNDER FUTURE PERMIT

POWER AND SYSTEMS PLAN

SCALE: 3/16" = 1'-0"

0 2'-8" 5'-4" 10'-8" 16'

SCALE 3/16" = 1'-0"

PLAN NOTES:

1. PROPOSED LOCATION OF REPLACEMENT CT METER AND CT CABINET. REFER TO DRAWING E6 FOR ADDITIONAL INFORMATION.
2. PROPOSED MAIN DISCONNECT SWITCH LOCATION. SEE RISER DIAGRAM ON DRAWING E6 FOR ADDITIONAL INFORMATION.
3. PROPOSED LOCATION OF TENANT ELECTRICAL PANEL. EXACT LOCATION TO BE BASED ON TENANT FLOOR PLANS. SEE RISER DIAGRAM ON DRAWING E6 FOR ADDITIONAL INFORMATION.
4. PROVIDE BRANCH CIRCUIT FOR DRIVE-THRU WINDOW SYSTEM. ROUTE (2)#12, (1)#12 GROUND IN 1/2" TO LOCATION ABOVE FUTURE TENANT ELECTRICAL PANEL. INSTALL AT 24" AFF AND EXTEND CONDUIT AND CONDUCTORS TO WINDOW.
5. PROVIDE BRANCH CIRCUIT FOR DRIVE-THRU WINDOW AIR CURTAIN. ROUTE (2)#10, (1)#10 GROUND IN 3/4" TO LOCATION ABOVE FUTURE TENANT ELECTRICAL PANEL.INSTALL AT 24" AFF AND EXTEND CONDUIT AND CONDUCTORS TO AIR CURTAIN.
6. LINE VOLTAGE J-BOX -MINIMUM 6"X6"X4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR ADDITIONAL INFORMATION.
7. LOW VOLTAGE J-BOX -MINIMUM 8"X8"X4" J-BOX ON INTERIOR WALL ON BUILDING AT 110" AFF. SEE SITE PLAN FOR ADDITIONAL INFORMATION.
8. PROPOSED FUTURE TTB LOCATION. STUB-UP SITE CONDUITS FROM TELEPHONE AND INTERNET SERVICE PROVIDERS.
9. PROVIDE 120/208V RECEPTACLE FOR TENANT'S USE, ROUTE CONDUIT TO ELECTRICAL PANEL WITH PULLSTRING.
10. PROVIDE GROUND BAR AT TENANT'S TTB LOCATION WITH #6 EGC TO GROUNDING ELECTRODE SYSTEM GROUND BAR.

ALL LANDLORD'S BASE BUILDING WIRING RUNNING THROUGH TENANT'S EXPOSED CEILING SHALL BE ENCASED IN EMT OR IMC CONDUIT, RUN TIGHT TO THE DECK AND PARALLEL OR PERPENDICULAR TO THE MAIN ENTRY STOREFRONT. THERE SHALL BE NO DIAGONAL RUNS AND ALL CONDUITS SHALL BE IN STRAIGHT LINES.

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DRAWING TITLE

POWER AND SYSTEMS PLAN

ENGINEER OF RECORD

DAVID E. ALLEY, PE
PE #55008

DATE: 07-25-25

SCALE: AS NOTED

PROJ. NO. : 250098

DESIGNED BY: DAP

DRAWN BY: DAP

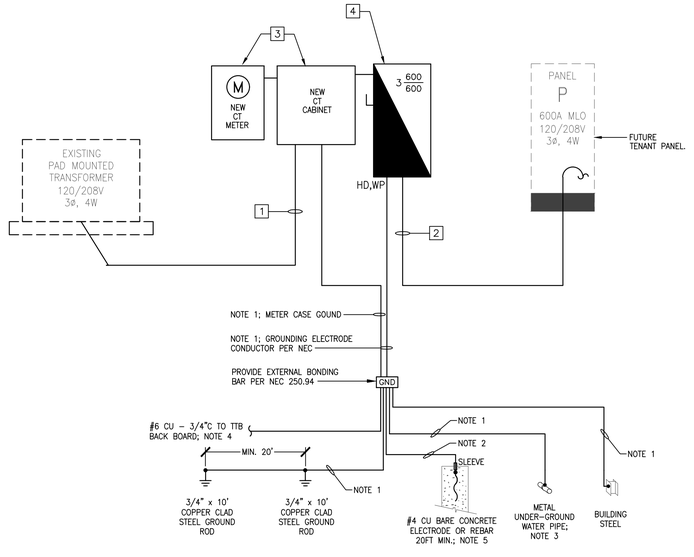
CHECKED BY: DEA

DRAWING NO.: E5

LOAD SUMMARY

TENANT	SQUARE FEET	GENERAL LIGHTING 3 VA/SQFT	GENERAL POWER 2 VA/SQFT	A/C-HEAT LOAD	WATER HEATER	MISC. LOADS	TENANT LOAD VA
	4105	12315	8210	50000	9600	47000	127125
TOTAL VA		12315	8210	50000	9600	47000	

TOTAL LIGHTING LOAD: = 12315 X 125% =	15394 VA
TOTAL RECEPTACLE LOAD: 8210 =	8210 VA
TOTAL A/C LOAD: = 50000 X 100% =	50000 VA
TOTAL WATER HEATER LOAD: = 9600 X 100% =	9600 VA
TOTAL MISCELLANEOUS LOAD: = 47000 X 100% =	47000 VA
TOTAL TOTAL ESTIMATED DEMAND LOAD:	130 KVA



RISER DIAGRAM

NTS

GROUNDING NOTES:
1. #2/0 CU.
2. MINIMUM #4 CU - 1"C.
3. PROVIDE CU JUMPER CABLE ACROSS WATER METER.
4. PROVIDE AN EQUIPMENT GROUND BAR AT THE MAIN TELECOM BOARD.
5. MINIMUM 2" OF CONCRETE COVER & MINIMUM 1/2" REBAR.

RISER NOTES:

1. (2)SETS, EACH SET: (4)#500 AL, IN 3 1/2" CONDUIT. BOTH SIDE OF CT CABINET.
2. (2)SETS, EACH SET: (4)#500 AL, (1)#1 CU GROUND IN 3 1/2" CONDUIT. PROVIDE ENOUGH CONDUIT AND CONDUCTOR LENGTH TO TERMINATE ON TENANT PROVIDED AND INSTALLED PANEL.
3. PROVIDE NEW CT METER AND CABINET PER POWER COMPANY SERVICE STANDARDS.
4. PROVIDE SIGNAGE FOR THE SERVICE EQUIPMENT PER 11.24(A) INDICATE THE AVAILABLE FAULT CURRENT AND THE DATE CALCULATED. FAULT CURRENT: xx,xxxA, DATE: xx-xx-xx.

IF THE CONTRACTOR CHOOSES TO USE A SERIES RATED SYSTEM PER 240.86, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT THE CHOSEN SWITCHGEAR VENDOR SELECTS THE APPROPRIATE UL TESTED SERIES RATED CIRCUIT BREAKERS COMBINATIONS (TIER 2 OR TIER 3) AS NEEDED BASED ON THE AVAILABLE FAULT CURRENT AT THE SERVICE EQUIPMENT. PROVIDE AND INSTALL ALL LABELING PER NEC. 110.24.

INDICATED FAULT CURRENTS ARE BASED ON PRELIMINARY UTILITY TRANSFORMER SIZES AND SHALL BE VERIFIED BASED ON THE EXISTING OR NEW INSTALLED TRANSFORMER. REPORT ANY DISCREPANCIES TO THE ENGINEER.

PER NEC 110.16, PROVIDE ARC-FLASH HAZARD WARNING LABELS FOR ALL ELECTRICAL EQUIPMENT, SUCH AS SWITCHBOARDS, SWITCHGEAR, PANELBOARDS, INDUSTRIAL CONTROL PANELS, METER SOCKET ENCLOSURES, AND MOTOR CONTROL CENTERS, THAT IS IN OTHER THAN DWELLING UNITS, AND IS LIKELY TO REQUIRE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE WHILE ENERGIZED, SHALL BE FIELD OR FACTORY MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. THE MARKING SHALL MEET THE REQUIREMENTS IN 110.21(B) AND SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT.

REVISION | DATE | REV#

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RISER DIAGRAM

ENGINEER OF RECORD

DAVID E. ALLEY, PE
PE #55008

DATE: 07-25-25
SCALE: AS NOTED
PROJ. NO. : 250098
DESIGNED BY: DAP
DRAWN BY: DAP
CHECKED BY: DEA
DRAWING NO.: E6

PLUMBING CODE CRITERIA

THE FOLLOWING IS A LIST OF ALL CODES ADOPTED DECEMBER 31, 2023 BY THE STATE FIRE MARSHALL'S RULE 69A3.012 F.A.C.:

- FLORIDA BUILDING CODE 8TH EDITION (2023)
- FLORIDA PLUMBING CODE 8TH EDITION (2023)
- FLORIDA FUEL GAS CODE 8TH EDITION (2023)
- FLORIDA ENERGY EFFICIENCY CODE 8TH EDITION (2023)
- FLORIDA FIRE PREVENTION CODE 8TH EDITION (2023)
- NFPA 13, 2019 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

OTHER:

- AMERICAN SOCIETY OF PLUMBING ENGINEERS (ASPE) STANDARDS
- LOCAL CODES AND ORDINANCES

PLUMBING PIPE AND ACCESSORIES SPECIFICATIONS

A. ABOVEGROUND SANITARY, VENT, AND STORM WATER PIPING 2" AND LARGER SHALL BE PVC TYPE DWV AND SHALL CONFORM TO ONE OF THE FOLLOWING STANDARDS: ASTM D 2665, ASTM D 2949 OR CSA B181.2. FITTINGS SHALL BE PVC AND SHALL CONFORM TO ONE OF THE FOLLOWING STANDARDS: ASTM D 2665, ASTM D 3311 OR ASTM F 1866. JOINTS SHALL BE SOLVENT CEMENTING. A PURPLE PRIMER THAT CONFORMS TO ASTM F 656 SHALL BE APPLIED TO JOINT SURFACES (CLEAN AND FREE FROM MOISTURE). SOLVENT CEMENT NOT PURPLE IN COLOR AND CONFORMING TO ASTM D 2564, CSA B137.3, CSA B181.2 OR CSA B182.1 SHALL BE APPLIED TO ALL JOINT SURFACES. JOINTS SHALL BE IN ACCORDANCE WITH ASTM D 2855. WRAP ALL VERTICAL PIPING WITH 2" FIBERGLASS INSULATION TO REDUCE NOISE.

B. UNDERGROUND SANITARY, VENT, AND CONDENSATE PIPING SHALL BE PVC TYPE DWV AND SHALL CONFORM TO ONE OF THE FOLLOWING STANDARDS: ASTM D 2665, ASTM D 2949 OR CSA B181.2. FITTINGS SHALL BE PVC AND SHALL CONFORM TO ONE OF THE FOLLOWING STANDARDS: ASTM D 2665, ASTM D 3311 OR ASTM F 1866. JOINTS SHALL BE SOLVENT CEMENTING. A PURPLE PRIMER THAT CONFORMS TO ASTM F 656 SHALL BE APPLIED TO JOINT SURFACES (CLEAN AND FREE FROM MOISTURE). SOLVENT CEMENT NOT PURPLE IN COLOR AND CONFORMING TO ASTM D 2564, CSA B137.3, CSA B181.2 OR CSA B182.1 SHALL BE APPLIED TO ALL JOINT SURFACES. JOINTS SHALL BE IN ACCORDANCE WITH ASTM D 2855.

C. INSULATE ALL VERTICAL AND HORIZONTAL STORM WATER PIPING WITH FLEXIBLE ELASTOMERIC THERMAL INSULATION " PIPE, 1" FOR 1" PIPE, 2.5" FOR LARGER THAN 1-1/2" PIPE.

D. COLD WATER, HOT WATER, AND HOT WATER RECIRCULATION PIPING SHALL BE SEAMLESS CPVC FLOWGUARD GOLD AND SHALL CONFORM TO NSF 61 AND ASTM D1784, ASTM B 88, ASTM B 251 OR ASTM B 447. FITTINGS SHALL BE CPVC AND SHALL CONFORM TO NSF 61 AND ASTM D1784, AND ASTM D2846. SOLVENT JOINTS SHALL BE MADE IN ACCORDANCE WITH THE METHODS OF ASTM F493. DOMESTIC WATER PIPING BELOW GRADE SHALL BE TYPE "K" SOFT COPPER PIPING OR CONTINUOUS PEX-A PIPING. ALL FITTINGS SHALL BE INSTALLED ABOVE GRADE.

E. PROPRESS OR PEX TYPE WATER PIPING IS NOT ACCEPTABLE.

F. INSULATE ALL DOMESTIC HOT WATER AND HOT WATER RECIRCULATION PIPING WITH 1-1/2" FIBERGLASS WITH "ASJ" VAPOR BARRIER JACKET AND 25/50 FIRE/SMOKE RATING. PROVIDE ALUMINUM JACKET ON ALL EXTERIOR INSULATION.

G. ALL CONDENSATE PIPING SHALL BE INSULATED WITH 3/4" THICK SEAMLESS CLOSED CELL RUBBER PIPE INSULATION. INSULATION EXPOSED TO THE OUTSIDE ENVIRONMENT SHALL BE UV RESISTANT.

H. GAS PIPING SHALL BE SCHEDULE 40, WROUGHT STEEL PIPE, WELDED AND SEAMLESS (ASME B36.10), WITH THREADED CONNECTIONS. ALL GAS EQUIPMENT SHALL BE AGA APPROVED. THE INSTALLING SUBCONTRACTOR SHALL BE LICENSED FOR THE INSTALLATION OF NATURAL GAS. GAS PIPING SHALL BE PAINTED WITH YELLOW "RUSTOLEUM" PAINT. GAS PIPING SHALL BE HUNG TIGHT TO THE ROOF STRUCTURE, AS ON THE PLAN, AND SUPPORTED WITH HANGERS BY GRINNELL OR EQUAL. BRANCH TAPS SHALL BE MADE OFF OF THE TOP OF THE PIPING. CONNECTION AT EACH GAS APPLIANCE SHALL INCLUDE; AN INVERTED TRAP, A GAS COCK, A UNION, AND A DIRT LEG.

I. PROVIDE VALVES WHERE INDICATED ON PLAN AND NECESSARY FOR PROPER SYSTEM OPERATION AND COMPONENT ISOLATION. PROVIDE VALVES RATED FOR 125 PSI OR GREATER WORKING PRESSURE IN WATER PIPING. PROVIDE FULL PORT BALL VALVES OR BUTTERFLY VALVES. BALL VALVES: NIBCO S-585-70; CHECK VALVES: NIBCO S-413; DRAIN VALVES: NIBCO S-585-70-HC; BALANCING VALVES: NIBCO S-1710.

PLUMBING GENERAL NOTES

1. NO EXCLUSIONS FROM OR LIMITATIONS IN THE LANGUAGE USED IN THE CONTRACT DOCUMENTS SHALL BE INTERPRETED AS MEANING THAT THE EQUIPMENT, APPURTENANCES, AND/OR ACCESSORIES NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM ARE NOT TO BE PROVIDED AS REQUIRED. THE SEPARATE DIVISIONAL CONTRACT DOCUMENTS DO NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY TO PROVIDE THE WORK WHICH IS INDICATED ON ANY OF THE DIVISIONAL CONTRACT DOCUMENTS. REVIEW AND COORDINATE THE SCOPE OF WORK WITH ALL DOCUMENTS AND TRADES TO ASSURE A COMPLETE AND FUNCTIONAL SYSTEM IS BID AND INSTALLED.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS, FEES, AND INSPECTIONS REQUIRED TO COMMENCE AND COMPLETE PLUMBING WORK.
3. SUBMIT FULL SUBMITTALS OF ALL PLUMBING EQUIPMENT AND MATERIALS TO THE ENGINEER FOR REVIEW, WHETHER IT IS EXACTLY AS SPECIFIED OR NOT. WHERE ALTERNATE MANUFACTURERS ARE LISTED IN THE BOOK SPECIFICATIONS, ONE OF THOSE MANUFACTURERS SHALL BE PROVIDED UNLESS A REQUEST FOR SUBSTITUTION HAS BEEN SUBMITTED PRIOR TO BID AND THE MANUFACTURER SUBSEQUENTLY IS LISTED AS AN ACCEPTABLE MANUFACTURER IN AN ADDENDUM. FOR ALL EQUIPMENT WHICH HAS BEEN SCHEDULED DIRECTLY ON THE DESIGN DRAWINGS, PROVIDE WITHIN THE SUBMITTAL A PERFORMANCE SCHEDULE FOR THE PROPOSED EQUIPMENT IN THE SAME FORMAT AS INCLUDED ON THE DRAWINGS. FAILURE TO PROVIDE REQUIRED PERFORMANCE SCHEDULE WILL RESULT IN REJECTION OF THE ENTIRE SUBMITTAL.
4. THE CONTRACT DOCUMENTS AND SUBMITTALS OF ALL TRADES SHALL BE COORDINATED AND BE VIEWED IN CONNECTION AND CONJUNCTION WITH EACH OTHER TO INSURE THE PROPER LOCATION AND INSTALLATION OF ALL DEVICES AND EQUIPMENT. MAKE PARTICULAR NOTE OF LOCATIONS AND DIMENSIONS SHOWN ON THE ARCHITECTURAL FLOOR PLANS AND ELEVATIONS.
5. PLUMBING DRAWINGS INDICATE THE SCHEMATIC LAYOUT AND LOCATION OF THE PLUMBING SYSTEM COMPONENTS. UNLESS SPECIFIC DIMENSIONS ARE NOTED, THE ACTUAL LOCATION OF THESE COMPONENTS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR IN COORDINATION WITH THE WORK OF OTHER TRADES, THE USE OF MANUFACTURER'S SUBMITTALS, AND SIMILAR CERTIFIED DATA.
6. ALL PLUMBING EQUIPMENT INSTALLED OUTDOORS SHALL BE SECURED TO ITS SUPPORT AS DETAILED BY THE STRUCTURAL ENGINEER FOR THE REQUIRED WIND LOAD DESIGN.
7. ALL EXTERIOR EXPOSED MATERIALS SHALL BE CONSTRUCTED OF NON-FERROUS MATERIALS AND BE PAINTED WITH TWO COATS OF RUST INHIBITOR PAINT.
8. INSTALL AND TEST ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. MAINTAIN ADEQUATE SERVICE SPACE AS REQUIRED. SERVICE SPACE SHALL BE CLEAR OF DUCTS, PIPES, CONDUITS, WALL STUDS, CEILING HANGERS, AND ANY OTHER CONSTRUCTION APPURTENANCE.
9. CONTRACTOR SHALL COORDINATE AND PROVIDE ALL CEILING/FLOOR/WALL ACCESS PANELS THAT MAY BE REQUIRED FOR THE INSTALLATION, INSPECTION, AND SERVICE OF PLUMBING EQUIPMENT WHETHER OR NOT IT IS SHOWN. ACCESS PANELS TO BE SELECTED BY THE ARCHITECT.
10. ALL PLUMBING EQUIPMENT SHALL BE LABELED WITH ENGRAVED, LAMINATED, PLASTIC SIGNS. SIGNS SHALL BE 1/8" THICK AND A MINIMUM OF 1-3/4" HIGH WITH 1" HIGH LETTERS. LENGTH OF THE SIGN SHALL BE THE SUM OF THE LETTERS/NUMBERS PLUS 3/4" ON EACH END. EXTERIOR SIGNS SHALL BE UV RATED, DESIGNATED AND MANUFACTURED TO BE EXPOSED TO THE ELEMENTS.
11. AT PROJECT COMPLETION, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 80 HOURS OF TRAINING ON THE OPERATION AND MAINTENANCE OF THE PLUMBING EQUIPMENT.
12. CONTRACTOR SHALL PROVIDE A ONE YEAR WARRANTY ON PARTS AND LABOR FROM THE DATE OF SUBSTANTIAL COMPLETION.
13. FOR SEALING OF PIPE PENETRATION THROUGH FIRE RATED WALLS, REFER TO ARCHITECTURAL CONTRACT DOCUMENTS. ALL RATED WALL PENETRATIONS SHALL BE SEALED USING APPROVED UL DETAILS.
14. PROVIDE ADDITIONAL PIPING SUPPORTS ON BOTH SIDES AND WITHIN 18" OF FIRE RATED WALLS. PIPING SHALL NOT BE SUPPORTED FROM ANY FIRE RATED WALL.
15. ALL PIPING MUST BE INSTALLED 6" AWAY FROM ANY FIRE RATED WALL.
16. ALL RATED WALL PENETRATIONS SHALL BE MADE AT A 90° ANGLE.
17. HANGERS, ANCHORS AND SUPPORTS SHALL SUPPORT THE PIPING AND THE CONTENTS OF THE PIPING. HANGERS AND STRAPING MATERIALS SHALL BE OF APPROVED MATERIALS THAT WILL NOT PROMOTE GALVANIC ACTION. PROVIDE PIPE SADDLES BELOW INSULATED PIPES.
18. HANGERS AND ANCHORS SHALL BE ATTACHED TO THE BUILDING CONSTRUCTION IN AN APPROVED MANNER.
19. RIGID SUPPORT SWAY BRACING SHALL BE PROVIDED AT CHANGES IN DIRECTION GREATER THAN 45° FOR PIPE SIZES 4" AND LARGER.
20. ANCHORAGE SHALL BE PROVIDED TO RESTRAIN DRAINAGE PIPING FROM AXIAL MOVEMENT. FOR PIPE SIZES GREATER THAN 4", RESTRAINTS SHALL BE PROVIDED FOR DRAIN PIPES AT ALL CHANGES IN DIRECTION AND AT ALL CHANGES IN DIAMETER GREATER THAN TWO PIPE SIZES. BRACES, BLOCKS, RODDING AND OTHER SUITABLE METHODS AS SPECIFIED BY THE COUPLING MANUFACTURER SHALL BE UTILIZED.
21. PROVIDE ALL OFFSETS AND FITTINGS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM. MAKE CONNECTION TO SITE UTILITIES. COORDINATE WITH SITE UTILITY CONTRACTOR AS REQUIRED.
22. CONCEAL PIPING ABOVE CEILING, WITHIN WALL OR CHASES EXCEPT IN MECHANICAL ROOMS OR AS SPECIFICALLY NOTED.
23. PROVIDE AN AIR GAP WHEN WASTE CONNECTION IS REQUIRED TO BE INDIRECT, SERVICING INDIVIDUAL FIXTURES, DEVICES, APPLIANCES AND APPARATUS.
24. ALL EXPOSED PIPE AND FITTINGS IN FINISHED AREAS SHALL BE CHROME PLATED. IF PIPING IS NOT AVAILABLE CHROME PLATED, PIPING SHALL BE PAINTED WITH CHROME COLORED PAINT.
25. PROVIDE CLEANOUTS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE – PLUMBING. INSTALL CLEANOUT WITH COVER FLUSH TO FINISH SURFACE. WHEN OUTDOORS, PROVIDE CONCRETE ADJACENT TO CLEANOUT AS SHOWN ON THE DETAIL ON THE DRAWINGS. PROVIDE CLEANOUTS IN VERTICAL RISERS A MINIMUM OF EVERY THREE FLOORS.
26. COORDINATE PIPING WITH ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMERS, ETC.) PRIOR TO ANY INSTALLATION. DO NOT ROUTE ANY PIPING OVER ANY ELECTRICAL DEVICES. PROVIDE INSULATED DRAIN PAN UNDER PIPING WHERE ABSOLUTELY NOT POSSIBLE TO AVOID.
27. ALL WALL MOUNTED LAVATORIES SHALL BE ATTACHED TO FLOOR MOUNTED CARRIERS DESIGNED TO WITHSTAND A VERTICAL LOAD OF 250 POUNDS ON THE FRONT OF FIXTURE. ALL WALL HUNG WATER CLOSET BOWLS SHALL BE SUPPORTED BY A CONCEALED METAL CARRIER THAT IS ATTACHED TO THE BUILDING STRUCTURAL MEMBERS. THE CARRIER SHALL CONFORM TO ASME A112.6.1M OR ASME 112.6.2.A. WALL HUNG WATER CLOSET MUST BE CAPABLE OF SUPPORTING A LOAD OF 500 POUNDS AT THE END OF THE WATER CLOSET. ALL WALL HUNG URINALS SHALL BE SUPPORTED BY A CONCEALED METAL CARRIER THAT TRANSFERS THE WEIGHT OF THE URINAL TO THE FLOOR.
28. PROVIDE SANITARY WASTE, VENT, DOMESTIC WATER, ETC. ROUGH-IN AND MAKE FINAL CONNECTIONS (TO INCLUDE PROVIDING ALL NECESSARY RELATED STOPS, VALVES, TRAPS, ETC. AND MAKE READY TO USE) TO ALL EQUIPMENT, WHETHER FURNISHED BY THIS CONTRACTOR OR FURNISHED BY OTHERS.
29. SECURE THE BASE OF ALL WATER COOLERS TO THE WALL. CAULK ALONG TOP OF WATER COOLER TO WALL.
30. FOLLOW ADA GUIDELINES FOR ACCESSIBILITY TO PLACES OF PUBLIC ACCOMMODATION AND COMMERCIAL FACILITIES BY INDIVIDUALS WITH DISABILITIES. THESE GUIDELINES ARE TO BE APPLIED DURING DESIGN, CONSTRUCTION AND ALTERATION OF SUCH BUILDING AND FACILITIES TO THE EXTENT REQUIRED BY REGULATIONS ISSUED BY FEDERAL AGENCIES, INCLUDING THE DEPARTMENT OF JUSTICE, UNDER THE AMERICANS WITH DISABILITIES ACT (ADA), LATEST EDITION.
31. THE LOCATIONS OF ALL CLEANOUTS, VALVES, GAUGES, ETC. SHALL BE LOCATED FOR ACCESS AND/OR SERVICE IN REFERENCE TO THE FINISHED BUILDING. WALL CLEANOUT SHALL BE 18" A.F.F. AND FLOOR CLEANOUTS SHALL BE LOCATED WITHIN 12" OF AN ADJACENT WALL.
32. WHERE PLUMBING SERVICES ARE REQUIRED FOR EQUIPMENT FURNISHED UNDER OTHER TRADES OR PROVIDED BY THE OWNER (OFCI), THE CONTRACTOR SHALL DETERMINE ACCURATE ROUGHING REQUIREMENTS IN ADVANCE OF WORK, SET EQUIPMENT IN PLACE AND MAKE NECESSARY SERVICE CONNECTIONS. PROVIDE ACCESSORIES AS REQUIRED.
33. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ROUGHING DIMENSIONS OF ALL PLUMBING FIXTURES, DRAINS, ETC.
34. ALL FLOOR DRAINS SHALL BE SERVED BY AN APPROVED GRAVITY TYPE TRAP PRIMER.
35. PROVIDE 1/2" TYPE K SOFT COPPER SUPPLY LINE FROM TRAP PRIMER TO FLOOR DRAIN. PROVIDE CORROSION PROTECTION WHERE UNDERGROUND.
36. ALL HOSE BIBBS, WALL HYDRANTS AND HOSE END CONNECTIONS SHALL BE EQUIPPED WITH AN APPROVED INTEGRAL VACUUM BREAKER AND SHUT OFF VALVE LOCATED ABOVE THE CEILING. UNLESS OTHERWISE NOTED, ALL WALL HYDRANTS AND HOSE BIBBS SHALL BE INSTALLED 24" ABOVE FINISHED FLOOR OR GRADE.
37. DIELECTRIC UNIONS SHALL BE INSTALLED AT ALL CONNECTIONS OF DISSIMILAR METALS (SUCH AS COPPER TO GALVANIZED
38. ALL VENT PENETRATIONS THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ALL FRESH AIR INTAKES, DOORS, WINDOWS AND OTHER BUILDING OPENINGS. WHERE POSSIBLE, EXTEND VENT PIPE TO THE BACK SIDE OF BUILDINGS WITH SLOPED ROOFS.
39. VERIFY SIZES, LOCATION, INVERTS AND ELEVATIONS PRIOR TO INSTALLING ANY PIPING.
40. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND FURNISH EQUIPMENT WIRED FOR THE VOLTAGE SHOWN HEREIN. PROVIDE STATEMENT INDICATING THIS HAS OCCURRED WITH THE SHOP DRAWING SUBMITTALS.
41. SLOPE ALL STORM AND SANITARY PIPING 8" AND LARGER AT A MINIMUM SLOPE OF 1/16" PER FOOT. SLOPE ALL SANITARY PIPING 3" TO 6" AT A MINIMUM SLOPE OF 1/8" PER FOOT. ALL SANITARY PIPING 2-1/2" AND SMALLER SHALL BE SLOPED AT A MINIMUM OF 1/4" PER FOOT.
42. ALL EXPOSED PIPING UNDER ACCESSIBLE LAVATORIES SHALL BE INSULATED WITH PROTECTIVE UNDER-SINK PIPE COVERS AND PLUMBING ENCLOSURES AS MANUFACTURED BY TRUEBRO.
43. ALL SANITARY, VENT AND WATER PIPING SHALL BE TESTED BEFORE BEING CONCEALED IN ANY WAY. ALL JOINTS SHALL BE MADE DRIP TIGHT BEFORE BEING CONCEALED. DOMESTIC WATER PIPING SHALL BE TESTED AT 1-1/2 TIMES OPERATING PRESSURE OR 100 PSI, WHICHEVER IS GREATER.
44. DISINFECT POTABLE WATER SYSTEM PER THE FLORIDA BUILDING CODE. PROVIDE DOCUMENTATION IN THE CLOSE OUT DOCUMENTS.
45. PROVIDE PVC SLEEVE WITH LONG RADIUS ELBOWS FOR DOMESTIC COLD WATER PIPING ROUTED UNDER BUILDING'S FIRST FLOOR SLAB.
46. PROVIDE ALUMINUM JACKET ON PIPING INSULATION EXPOSED TO EXTERIOR AND PIPING INSIDE MEP ROOMS BELOW 7'0" AFF.
47. PROVIDE SUPPLY LINE, ½" ANGLE STOP VALVE, WALL FLANGE, CHROME PLATED AND BRAIDED STAINLESS STEEL TOILET & LAVATORIES.
48. LAVATORIES & SINK TRAPS: PROVIDE 17 GUAGE, CHROME PLATED BRASS WITH WALL FLANGE AND NO CLEANOUT.
49. ALL EXTERIOR EXPOSED PIPING HANGERS TO BE STAINLESS STEEL.

PLUMBING EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION	EQUIPMENT BASIS OF DESIGN	CONNECTION SIZE	REMARKS	SUBMITTAL REQUIRED
	BALL VALVE	WATTS – FBV-4	EQUAL TO PIPE SIZE	FULL PORT QUARTER TURN	NO
FCO/ECO	FLOOR/EXTERIOR CLEANOUT	ZURN CO 2449-PV4	EQUAL TO PIPE SIZE UP TO 4"	INSTALL FLUSH WITH FINISHED FLOOR OR GRADE ROUND NICKEL-BRONZE TOP	YES
HB-1	EXTERIOR WALL HYDRANT	WATTS HY-450	3/4"	PROVIDE WITH BALL VALVE, MOUNT 24" ABOVE FINISHED GRADE	YES

NOTE: MANUFACTURER AND MODEL NUMBER INTENDED FOR LEVEL OF QUALITY. SUBSTITUTIONS MAY BE SUBMITTED IF QUALITY MEETS THIS LEVEL.

ABBREVIATIONS:

A/E	ARCHITECT/ENGINEER	GPM	GALLONS PER MINUTE
AAV	AIR ADMITTANCE VALVE	HB	HOSE BIBB
ADA	AMERICANS WITH DISABILITIES ACT	HR	HOUR
		HW	HOT WATER
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	I.E.	INVERT ELEVATION
		MAX	MAXIMUM
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	MIN	MINIMUM
		NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CD	CONDENSATE DRAIN		
CW	COLD WATER	NTS	NOT TO SCALE
DCV	DOUBLE CHECK VALVE	PDI	PLUMBING DRAINAGE INSTITUTE
D.F.U.	DRAINAGE FIXTURE UNITS		
DIA	DIAMETER	PSIG	POUNDS PER SQUARE INCH
DN	DOWN	RM	ROOM
DWG	DRAWING	SS	SANITARY SEWER
ECO	EXTERIOR CLEANOUT	TYP	TYPICAL
°F	DEGREES FAHRENHEIT	W/	WITH
FBC	FLORIDA BUILDING CODE	WCO	WALL CLEANOUT
FCO	FLOOR CLEANOUT	V	VENT
FD	FLOOR DRAIN	VTR	VENT THRU ROOF
GAL	GALLONS		

PLUMBING LEGEND

- COLD WATER ABOVE GRADE
- COLD WATER BELOW GRADE
- HOT WATER ABOVE GRADE
- HOT WATER BELOW GRADE
- HOT WATER RETURN ABOVE GRADE
- HOT WATER RETURN BELOW GRADE
- GREASE WASTE BELOW GRADE
- SANITARY SEWER BELOW GRADE
- SANITARY VENT
- NATURAL GAS ABOVE GRADE
- EXISTING COLD WATER PIPING ABOVE GRADE
- EXISTING COLD WATER PIPING BELOW GRADE
- EXISTING SANITARY WASTE PIPING BELOW GRADE
- POINT OF NEW CONNECTION TO EXISTING
- SOLENOID OPERATED GAS SHUT-OFF VALVE

REVISION | DATE | REV#

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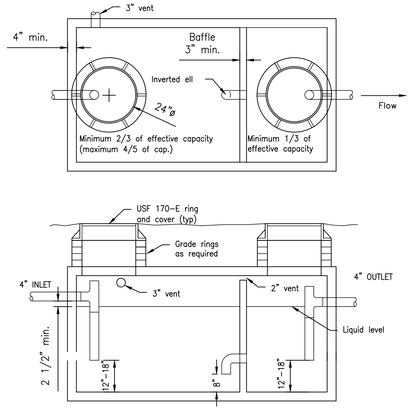
DRAWING TITLE
PLUMBING SPECIFICATIONS, SCHEDULES AND DETAILS

ENGINEER OF RECORD

KEITH M. PRZECLAWSKI, PE
PE #82393

DATE: 07-25-25
SCALE: AS NOTED
PROJ. NO. : 250098
DESIGNED BY: MAW
DRAWN BY: MAW
CHECKED BY: KMP
DRAWING NO.: P001

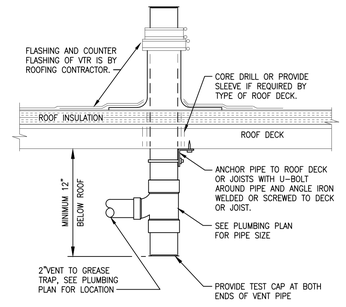


Notes:

1. Minimum tank volume is 750 gallons. Maximum tank volume is 1250 gallons.
2. Multiple units shall be linked in series.
3. Provide a minimum 8" freeboard above the liquid level.
4. Minimum effective depth of liquid compartments is 42".
5. Minimum pipe size is 4".
6. Use 4000 psi Portland Type II concrete with minimum 3/4 " cover on reinforcing steel.
7. Interceptor tank and manholes subject to traffic shall be designed for AASHTO H-20 loading.
8. Manhole covers shall be stamped "grease".
9. Provide 2" gap between baffle and tank top.
10. Only kitchen wastewater shall pass through a grease interceptor before discharge to sanitary sewer system.
11. Refer to chapter 64e-6.013(8) of the Florida Administrative Code.

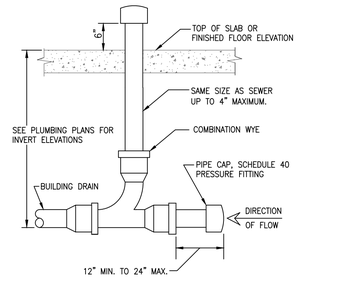
GREASE INTERCEPTOR DETAIL

NOT TO SCALE



VENT THRU ROOF DETAIL

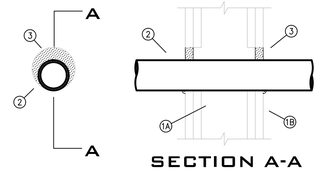
NTS



SANITARY STUB DETAIL

NTS

SYSTEM NO. W-L-2241
F RATINGS – 1 AND 2 HR (SEE ITEM 1)
T RATINGS – 0, 1/4, 1 AND 1-3/4 HR (SEE ITEM 2)
L RATING AT AMBIENT – LESS THAN 1 CFM/SQ FT
L RATING AT 400 F – LESS THAN 1 CFM/SQ FT



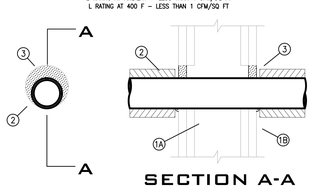
SECTION A-A

1. WALL ASSEMBLY – THE 1 OR 2 HR FIRE-RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED MAX 16 IN. OC. STEEL STUDS TO BE MIN 3-1/2 IN. WIDE AND SPACED MAX 24 IN. OC.
   B. GYPSUM BOARD* – THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. DIAM OF OPENING TO BE 1 IN. TO 1-1/8 IN. LARGER THAN OUTSIDE DIAM OF PIPE. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. WHEN ITEM 2G OR 2H IS USED, THE HOURLY F RATING IS 1 HR.
2. THROUGH PENETRANT – ONE NONMETALLIC PIPE, CONDUIT OR TUBE TO BE INSTALLED ECCENTRICALLY OR CONCENTRICALLY WITHIN THE FIRESTOP SYSTEM. PIPE, CONDUIT OR TUBE TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF THE WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES OF NONMETALLIC PIPES, CONDUITS AND TUBES MAY BE USED:
   A. POLYVINYL CHLORIDE (PVC) PIPE – NOM 2 IN. DIAM (OR SMALLER) SCHEDULE 40 SOLID OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS. ANNULAR SPACE SHALL BE MIN 0 IN. (POINT CONTACT) TO MAX 1 IN.
   B. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE – NOM 2 IN. DIAM (OR SMALLER) OR SCHEDULE 80 CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS. ANNULAR SPACE SHALL BE MIN 0 IN. (POINT CONTACT) TO MAX 1 IN. (25 MM).
   F. POLYVINYL CHLORIDE (PVC) PIPE – NOM 3 IN. DIAM (OR SMALLER) SCHEDULE 40 SOLID OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS. ANNULAR SPACE SHALL BE MIN 0 IN. (POINT CONTACT) TO MAX 1 IN.
   G. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE – NOM 3 IN. DIAM (OR SMALLER) CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS. ANNULAR SPACE SHALL BE MIN 0 IN. (0 MM, POINT CONTACT) TO MAX 1 IN. WHEN ITEM 2A OR 2B IS USED, THE T RATING IS 1/4 HR. WHEN ITEM 2C, 2D, OR 2E IS USED, THE T RATING IS 1 HR AND 1-3/4 HR FOR 1 HR AND 2 HR FIRE RATED WALLS, RESPECTIVELY. WHEN ITEM 2F, 2G, OR 2H IS USED, T RATING IS 0 HR.
3. FILL, VOID OR CAVITY MATERIAL* – SEALANT – MIN 5/8 IN. THICKNESS OF FILL MATERIAL APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL ASSEMBLY. AT POINT CONTACT LOCATION, MIN 1/4 IN. DIAM BEAD OF FILL MATERIAL APPLIED AT NONMETALLIC PIPE/GYPSUM BOARD INTERFACE ON BOTH SURFACES OF WALL. SPECIFIED TECHNOLOGIES INC – SPECSEAL LCI SEALANT OR TYPE WF300 FIRESTOP CAULK (FOR WOOD STUDS ONLY) * INDICATES SUCH PRODUCTS SHALL BEAR THE UL OR CUL CERTIFICATION MARK FOR JURISDICTIONS EMPLOYING THE UL OR CUL CERTIFICATION (SUCH AS CANADA), RESPECTIVELY.

UNINSULATED NON METALLIC PIPE WALL PENETRATION FIRESTOP DETAIL

NTS

SYSTEM NO. W-L-2241
F RATINGS – 1 AND 2 HR (SEE ITEM 1)
T RATINGS – 0, 1/4, 1 AND 1-3/4 HR (SEE ITEM 2)
L RATING AT AMBIENT – LESS THAN 1 CFM/SQ FT
L RATING AT 400 F – LESS THAN 1 CFM/SQ FT



SECTION A-A

1. WALL ASSEMBLY – THE 1 OR 2 HR FIRE-RATED GYPSUM BOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGN IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
   A. STUDS – WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACED MAX 16 IN. OC. STEEL STUDS TO BE MIN 3-1/2 IN. WIDE AND SPACED MAX 24 IN. OC.
   B. GYPSUM BOARD* – THICKNESS, TYPE, NUMBER OF LAYERS AND FASTENERS AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. DIAM OF OPENING TO BE 1 IN. TO 1-1/8 IN. LARGER THAN OUTSIDE DIAM OF PIPE. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS EQUAL TO THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. WHEN ITEM 2G OR 2H IS USED, THE HOURLY F RATING IS 1 HR.
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   A. POLYVINYL CHLORIDE (PVC) PIPE – NOM 2 IN. DIAM (OR SMALLER) SCHEDULE 40 SOLID OR CELLULAR CORE PVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) OR VENTED (DRAIN, WASTE OR VENT) PIPING SYSTEMS. ANNULAR SPACE SHALL BE MIN 0 IN. (POINT CONTACT) TO MAX 1 IN.
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   G. CHLORINATED POLYVINYL CHLORIDE (CPVC) PIPE – NOM 3 IN. DIAM (OR SMALLER) CPVC PIPE FOR USE IN CLOSED (PROCESS OR SUPPLY) PIPING SYSTEMS. ANNULAR SPACE SHALL BE MIN 0 IN. (0 MM, POINT CONTACT) TO MAX 1 IN. WHEN ITEM 2A OR 2B IS USED, THE T RATING IS 1/4 HR. WHEN ITEM 2C, 2D, OR 2E IS USED, THE T RATING IS 1 HR AND 1-3/4 HR FOR 1 HR AND 2 HR FIRE RATED WALLS, RESPECTIVELY. WHEN ITEM 2F, 2G, OR 2H IS USED, T RATING IS 0 HR.
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INSULATED NON METALLIC PIPE WALL PENETRATION FIRESTOP DETAIL

NTS

GREASE TRAP WORKSHEET*

2013 FLORIDA ADMINISTRATIVE CODE – RULE 64E-6.013, (7), (d), 1.
RESTAURANTS

(S) x (GS) x (HR/12) x (LF) = EFFECTIVE CAPACITY OF GREASE INTERCEPTOR IN GALLONS.

(S) = NUMBER OF SEATS** = 206

(GS) = GALLONS OF WASTEWATER PER SEAT
(_) USE 30 GALLONS FOR 24 HOUR RESTAURANT
(_) USE 20 GALLONS FOR RESTAURANT, FOOD OR BEVERAGE PREP
(X) USE 10 GALLONS FOR FAST FOOD RESTAURANT
(_) USE 3 GALLONS FOR CONVENTION CENTER, CAFETERIA OR CATERING
TOTAL GALLONS PER SEAT = 10

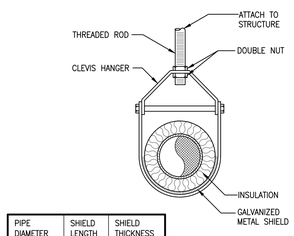
(HR/12) NUMBER OF HOURS ESTABLISHMENT IS OPEN = 12 /12 = 1

(LF) = LOADING FACTOR = ____
USE 2.0 INTERSTATE HIGHWAYS
USE 1.5 OTHER FREEWAYS
USE 1.25 RECREATIONAL AREAS
USE 1.0 MAIN HIGHWAYS
USE 0.75 OTHER ROADS

(206) X (10) X (1) X (.75) = 1,545 EFFECTIVE CAPACITY OF GREASE INTERCEPTOR IN GALLONS.

BUILDING REQUIRES (1) GREASE TRAPS WITH 1,545 GALLON CAPACITY

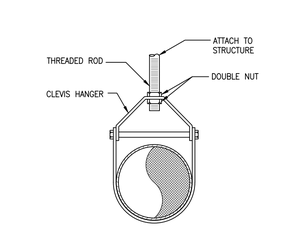
* 2023 FLORIDA BUILDING CODE – PLUMBING, 1003.5
** SEATING BASED ON 3/4 OF TOTAL SQ. FT. ASSUMED AS DINING AREA; FLORIDA BUILDING CODE, 2023 FOR "ASSEMBLY WITHOUT FIXED SEATS – UNCONCENTRATED". 4,138 SQ. FT. x 0.75 / 15 SQ. FT PER PERSON = 206 SEATS.



PIPE DIAMETER	SHIELD LENGTH	SHIELD THICKNESS
UP TO 3"	12"	18 USSG
4" AND ABOVE	15"	16 USSG

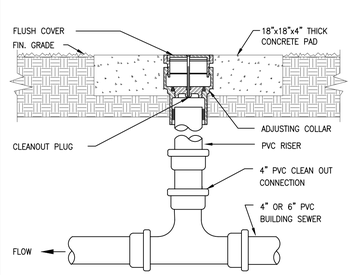
INSULATED PIPE SUPPORT DETAIL

NTS



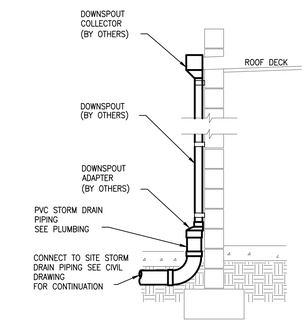
PIPE SUPPORT DETAIL

NTS



2-WAY EXTERIOR CLEANOUT DETAIL

NTS



DOWNSPOUT DETAIL

NTS

REVISION | DATE | REV#

CONSTRUCTION ENGINEERING GROUP
Consulting Engineers
2651 EAU GALLIE BLVD. SUITE A
MELBOURNE, FL 32935
TEL. 321.253.1221
WWW.CEGENGINEERING.COM
C.O.A. #0008897

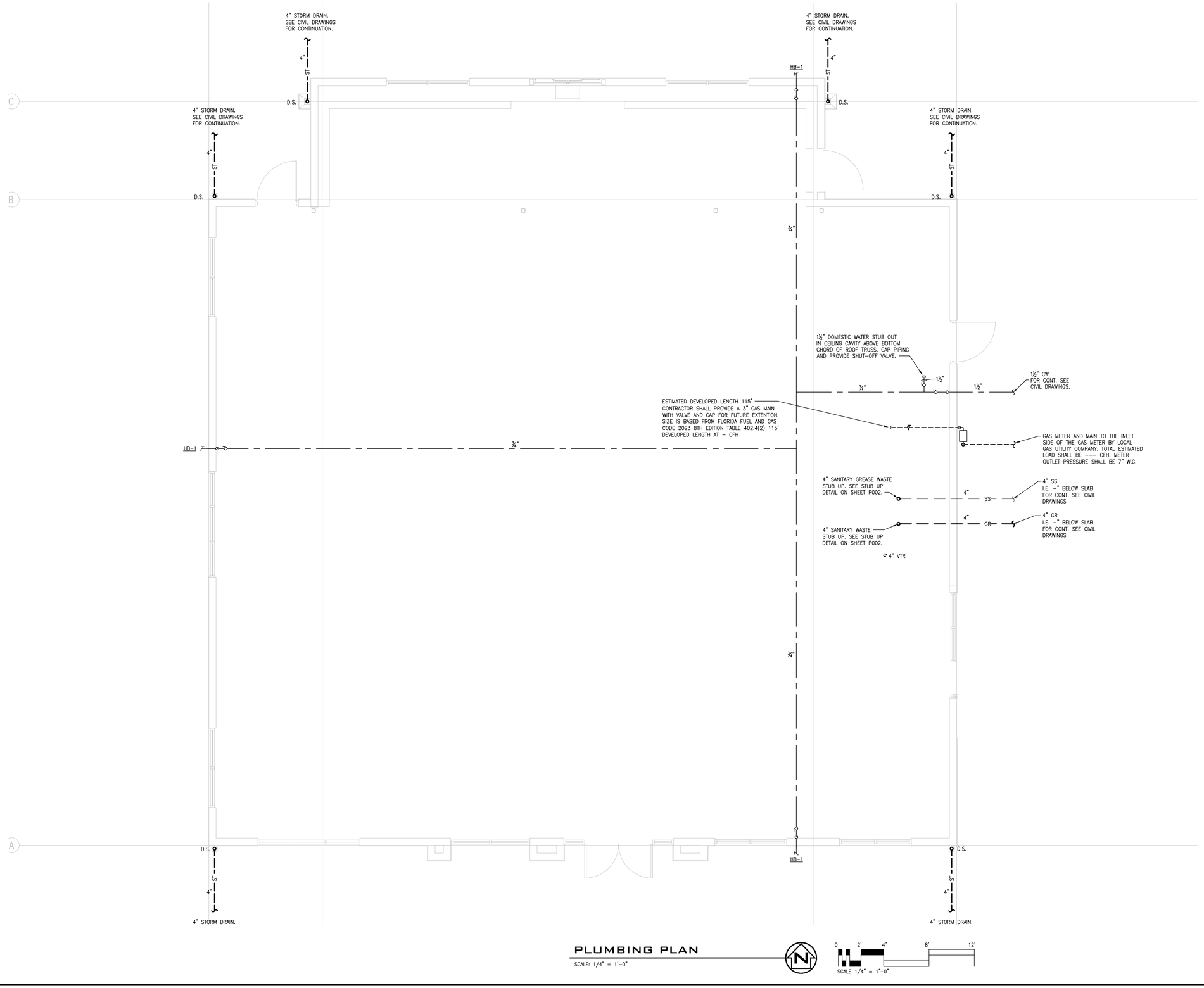
CHIPOTLE
16509 FISHHAWK BOULEVARD, LITHIA, FL 33547

DRAWING TITLE
PLUMBING SPECIFICATIONS, SCHEDULES AND DETAILS

ENGINEER OF RECORD

KEITH M. PRZECLAWSKI, PE
PE #82393

DATE: 07-25-25
SCALE: AS NOTED
PROJ. NO. : 250098
DESIGNED BY: MAW
DRAWN BY: MAW
CHECKED BY: KMP
DRAWING NO.: P001



PLUMBING PLAN

SCALE: 1/4" = 1'-0"

0 2' 4' 8' 12'

SCALE 1/4" = 1'-0"

REV#	DATE	REVISION

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