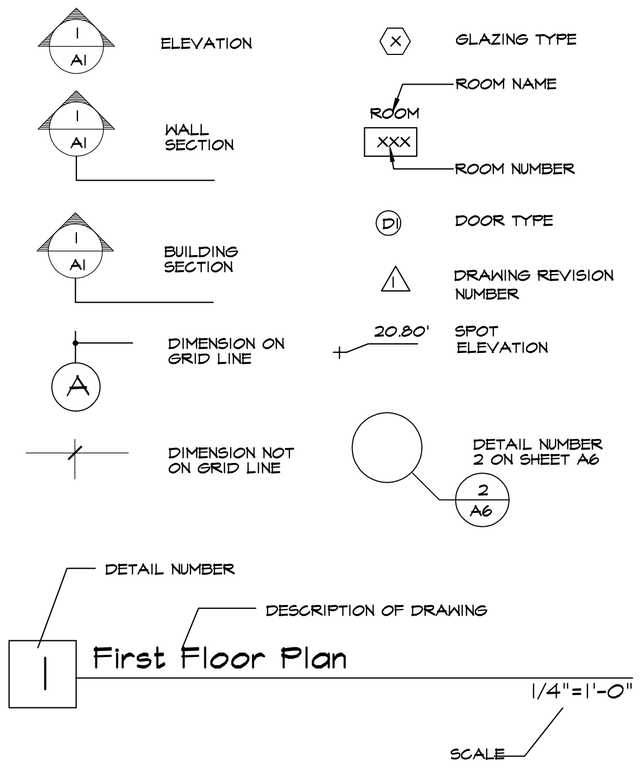
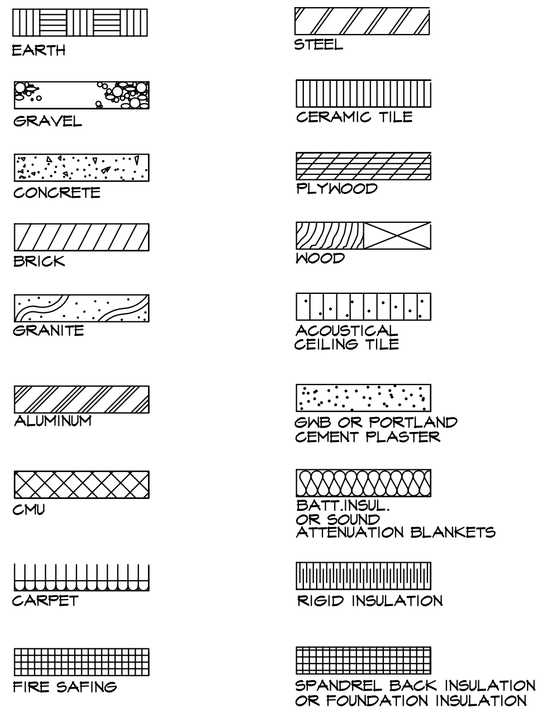
ARCHITECTURAL SYMBOLS



MATERIAL KEY



GENERAL PROJECT NOTES

1. THE CONTRACT DOCUMENTS INCLUDE THE WORKING DRAWINGS, ADDENDA, MODIFICATIONS, THE CONDITIONS OF THE CONSTRUCTION CONTRACT, AND SPECIFICATIONS.

2. THE CONTRACT DOCUMENTS ARE INSTRUMENTS OF SERVICE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE PREPARED IS EXECUTED OR NOT. THE CONTRACT DOCUMENTS ARE NOT TO BE USED BY THE OWNER FOR OTHER PROJECTS OR EXTENSIONS TO THE PROJECT NOR ARE THEY TO BE MODIFIED IN ANY MANNER WHATSOEVER EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

3. THE WORK WILL CONFORM WITH THE REQUIREMENTS OF ALL AGENCIES HAVING JURISDICTION.

4. 'FURNISH' MEANS SUPPLY ONLY FOR OTHERS TO PUT IN PLACE.

5. 'PROVIDE' MEANS FURNISH AND INSTALL, COMPLETE AND IN PLACE.

6. 'SIMILAR' MEANS COMPATIBLE CHARACTERISTICS FOR CONDITIONS NOTED. CONTRACTOR TO VERIFY DIMENSIONS AND ORIENTATION.

7. 'TYPICAL' MEANS IDENTICAL FOR CONDITIONS NOTED.

8. DO NOT SCALE DRAWINGS; DIMENSIONS GOVERN. VERIFY DIMENSIONS WITH FIELD CONDITIONS. IF DISCREPANCIES ARE DISCOVERED BETWEEN FIELD CONDITIONS AND AND DRAWINGS OR BETWEEN DRAWINGS, CONTACT ARCHITECT FOR RESOLUTION BEFORE PROCEEDING.

9. HORIZONTAL DIMENSIONS INDICATED ARE TO AND FROM FINISHED FACE OF CONSTRUCTION, EXCEPT AS NOTED.

10. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB OR DECK, EXCEPT WHERE NOTED TO BE ABOVE FINISH FLOOR (A.F.F.).

11. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED (+/-).

12. ALL WORK SHALL BE ERECTED AND INSTALLED PLUMB, LEVEL, SQUARE, AND TRUE AND IN PROPER ALIGNMENT.

13. CUT AND FIT COMPONENTS FOR ALTERATIONS OF EXISTING WORK AND INSTALLATION OF NEW WORK. PATCH DISTURBED AREAS TO MATCH ADJACENT MATERIALS AND FINISHES.

14. COORDINATE AND PROVIDE BLOCKING/BACKING IN PARTITIONS BEHIND ALL WALL-MOUNTED ITEMS. ALL CONCEALED WOOD TO BE FIRE TREATED.

15. MAKE ALL NECESSARY PROVISIONS FOR ITEMS TO BE FURNISHED OR INSTALLED BY OWNER. PROVIDE PROTECTION FOR THESE PROVISIONS UNTIL COMPLETION OF THE PROJECT. GENERAL CONTRACTOR TO COORDINATE N.I.C. ITEMS WITH APPROPRIATE TRADES.

16. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING CONTRACT DOCUMENTS, FIELD CONDITIONS, AND DIMENSIONS FOR ACCURACY AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. CLARIFICATIONS REGARDING ANY CONFLICTS SHALL BE ACHIEVED BEFORE RELATED WORK IS STARTED.

17. GENERAL CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL AND PLUMBING EQUIPMENT (TO INCLUDE ALL PIPING, DUCTWORK AND CONDUIT) AND THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ABOVE EQUIPMENT ARE PROVIDED. ELEMENTS TO BE EXPOSED OR CONCEALED SHALL BE DETERMINED AND REVIEWED WITH ARCHITECT IN THE FIELD PRIOR TO CONSTRUCTION PROCEEDING.

18. GENERAL CONTRACTOR IS RESPONSIBLE FOR AND SHALL PROVIDE PROTECTION OF EXISTING CONSTRUCTION. ANY DAMAGE TO EXISTING AREAS CAUSED BY THE GENERAL CONTRACTOR OR HIS SUBCONTRACTORS SHALL BE REPAIRED BY THE GENERAL CONTRACTOR. THE REPAIRS ARE NOT PART OF THIS PROJECT OR CONTRACT AND WILL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

19. THE AIA "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION," AIA DOCUMENT A201, 1997 EDITION, PUBLISHED BY THE AMERICAN INSTITUTE OF ARCHITECTS, HEREIN AFTER REFERRED TO AS "GENERAL CONDITIONS," IS HEREBY MADE PART OF THE CONTRACT DOCUMENTS THE SAME AS IF BOUND HEREIN.

20. EXERCISE EXTREME CARE AND PRECAUTION DURING CONSTRUCTION OF THE WORK TO MINIMIZE DISTURBANCES TO ADJACENT STRUCTURES AND THEIR OCCUPANTS, PROPERTY, PUBLIC THOROUGHFARES, ETC. CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS FROM CONSTRUCTION PROCEDURES.

21. ALL WORK SHALL COMPLY WITH APPLICABLE CODES, AMENDMENTS, RULES, REGULATIONS, ORDINANCES, LAWS, ORDERS, APPROVALS, ETC. THAT ARE REQUIRED BY PUBLIC AUTHORITIES. IN THE EVENT OF CONFLICT, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN. REQUIREMENTS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, THE CURRENT APPLICABLE EDITIONS OF PUBLICATIONS OF THE FOLLOWING:

2009 NC BUILDING CODE (2006 IBC W/ NC AMENDMENTS)
NATIONAL FIRE PROTECTION ASSOCIATION
AMERICAN NATIONAL STANDARDS INSTITUTE
NATIONAL ELECTRICAL CODE

22. ABBREVIATIONS USED IN REFERRING TO STANDARDS THAT APPLY TO THE WORK ARE NOT LIMITED TO THE FOLLOWING:
AMERICAN SOCIETY OF TESTING MATERIALS - ASTM;
AMERICAN INSTITUTE OF STEEL CONSTRUCTION - AISC;
AMERICAN WELDING SOCIETY - AWS;
AMERICAN CONCRETE INSTITUTE - ACI;
AMERICAN NATIONAL STANDARDS INSTITUTE - ANSI;
ARCHITECTURAL ALUMINUM MANUFACTURER'S ASSOCIATION - AAMA;
ALUMINUM ASSOCIATION, INC. - AA;
CONCRETE REINFORCING STEEL INSTITUTE - CRSI;
NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS - NAAMM;
NATIONAL FIRE PROTECTION ASSOCIATION - NFPA;
NATIONAL WOODWORK MANUFACTURER'S ASSOCIATION - NWMA; AND
AMERICAN WOODWORK INSTITUTE - AWI.

23. IN THE EVENT OF CONFLICTS BETWEEN DATA SHOWN ON DRAWINGS AND DATA SHOWN ON THE SPECIFICATIONS, THE SPECIFICATIONS SHALL GOVERN. DIMENSIONS NOTED ON DRAWINGS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS. DETAIL DRAWINGS TAKE PRECEDENCE OVER DRAWINGS OF SMALLER SCALE. SHOULD THE CONTRACTOR AT ANY TIME DISCOVER AN ERROR IN A DRAWING OR SPECIFICATION, OR A DISCREPANCY OR VARIATION BETWEEN DIMENSIONS OR DRAWINGS, AND MEASUREMENTS AT SITE, OR LACK OF DIMENSIONS OR OTHER INFORMATION, HE SHALL NOT PROCEED WITH THE AFFECTED WORK UNTIL CLARIFICATION HAS BEEN MADE.

24. ONLY NEW ITEMS OF RECENT MANUFACTURE, OF BUILDING STANDARD QUALITY, FREE FROM DEFECTS WILL BE PERMITTED ON THE WORK. REJECTED ITEMS SHALL BE REMOVED IMMEDIATELY FROM THE WORK AND BE REPLACED WITH ITEMS OF THE QUALITY SPECIFIED. FAILURE TO REMOVE REJECTED ITEMS AND EQUIPMENT SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY FOR QUALITY AND CHARACTER OF ITEMS USED NOR FROM ANY OTHER OBLIGATION IMPOSED ON HIM BY THE CONTRACT.

25. THE FINISHED WORK SHALL BE FIRM, WELL ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM APPEARANCE; WITHOUT WAVES, DISTORTIONS, HOLES, MARKS, CRACKS, STAINS OR DISCOLOR. JOINTS SHALL BE CLOSE FITTING, NEAT AND WELL SCRIBED. THE FINISH WORK SHALL HAVE NO EXPOSED, UNSIGHTLY ANCHORS OR FASTENERS AND SHALL NOT PRESENT HAZARDOUS OR UNSAFE CORNERS. ALL WORK SHALL HAVE THE PROVISIONS FOR EXPANSION, CONTRACTION, AND SHRINKAGE AS NECESSARY TO PREVENT CRACKS, BUCKLING, AND WARPING DUE TO TEMPERATURE AND HUMIDITY CONDITIONS.

26. ATTACHMENTS, CONNECTIONS, OR FASTENERS ARE TO BE PROPERLY AND PERMANENTLY SECURED IN CONFORMANCE WITH MFG. GUIDELINE AND THE NORTH CAROLINA BUILDING CODE. THE DRAWINGS SHOW ONLY SPECIAL CONDITIONS TO ASSIST CONTRACTOR; THEY DO NOT ILLUSTRATE EVERY SUCH DETAIL.

27. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DIMENSIONS AND ELEVATIONS AT THE SITE. THE CONTRACTOR AND SUB-CONTRACTORS SHALL COORDINATE THE LAYOUT AND EXACT LOCATIONS OF ALL PARTITIONING, DOORS, ELECTRICAL/TELEPHONE OUTLETS, LIGHT SWITCHES AND THERMOSTATS IN THE FIELD BEFORE PROCEEDING WITH CONSTRUCTION.

28. NO WORK DEFECTIVE IN CONSTRUCTION OR QUALITY OR DEFICIENT IN ANY REQUIREMENTS OF DRAWINGS AND SPECIFICATIONS WILL BE ACCEPTABLE IN CONSEQUENCE OF OWNER'S OR ARCHITECT'S FAILURE TO DISCOVER OR TO POINT OUT DEFECTS OR DEFICIENCIES DURING CONSTRUCTION; NOR WILL PRESENCE OF INSPECTORS ON WORK SITE RELIEVE CONTRACTOR FROM RESPONSIBILITY FOR SECURING QUALITY AND PROGRESS OF WORK AS REQUIRED BY CONTRACT. DEFECTIVE WORK REVEALED WITHIN REQUIRED TIME GUARANTEES SHALL BE REPLACED BY WORK CONFORMING WITH INTENT OF CONTRACT. NO PAYMENT, WHETHER PARTIAL OR FINAL, SHALL BE CONSTRUED AS AN ACCEPTANCE OF DEFECTIVE WORK OR IMPROPER MATERIALS.

29. MATERIALS AND WORKMANSHIP SPECIFIED BY REFERENCE TO NUMBER, SYMBOL, TITLE OF SPECIFICATION SUCH AS COMMERCIAL STANDARDS, FEDERAL SPECIFICATIONS, TRADE ASSOCIATION STANDARD OR OTHER SIMILAR STANDARD, SHALL COMPLY WITH REQUIREMENTS IN LATEST EDITION OR REVISION THEREOF AND WITH ANY AMENDMENT OR SUPPLEMENT THERETO IN EFFECT ON DATE OF ORIGIN OF THIS PROJECTS CONTRACT DOCUMENTS. SUCH STANDARDS, EXCEPT AS MODIFIED HEREIN, SHALL HAVE FULL FORCE EFFECTS AS THOUGH PRINTED IN CONTRACT DOCUMENTS.

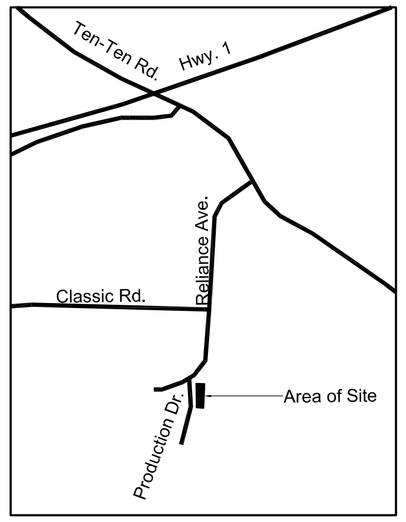
30. CONTRACTOR SHALL WAIVE "COMMON PRACTICE" AND "COMMON USAGE" AS CONSTRUCTION CRITERIA WHEREVER DETAILS AND CONTRACT DOCUMENTS OR GOVERNING CODES, ORDINANCES, ETC. REQUIRE GREATER QUANTITY OR BETTER QUALITY THAN COMMON PRACTICE OR COMMON USAGE.

31. CONTRACTOR SHALL ORDER AND SCHEDULE DELIVERY OF MATERIALS IN AMPLE TIME TO AVOID DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE, CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY TO ALLOW ARCHITECT A REASONABLE AMOUNT OF TIME TO SELECT A SUITABLE SUBSTITUTION.

32. IF AT ANY TIME BEFORE COMMENCEMENT OF WORK, OR DURING PROGRESS THEREOF, CONTRACTOR'S METHODS, EQUIPMENT, OR APPLIANCES ARE INEFFICIENT OR INAPPROPRIATE FOR SECURING QUALITY OF WORK OR RATE OF PROGRESS INTENDED BY CONTRACT DOCUMENTS, OWNER MAY ORDER CONTRACTOR TO IMPROVE THEIR QUALITY OR INCREASE EFFICIENCY. THIS WILL NOT RELIEVE CONTRACTOR OF HIS SURETIES FROM THEIR OBLIGATIONS TO SECURE QUALITY OF WORK AND RATE OF PROGRESS SPECIFIED IN CONTRACT.

33. WITH REFERENCE TO CEILINGS, CONTRACTOR SHALL COORDINATE WITH ALL TRADES INVOLVED TO INSURE THAT CONFLICTS DO NOT OCCUR BETWEEN LIGHT FIXTURES, DUCTWORK, DIFFUSERS, ETC., AND THAT THE CEILING HEIGHTS INDICATED ON DRAWINGS ARE ACHIEVED.

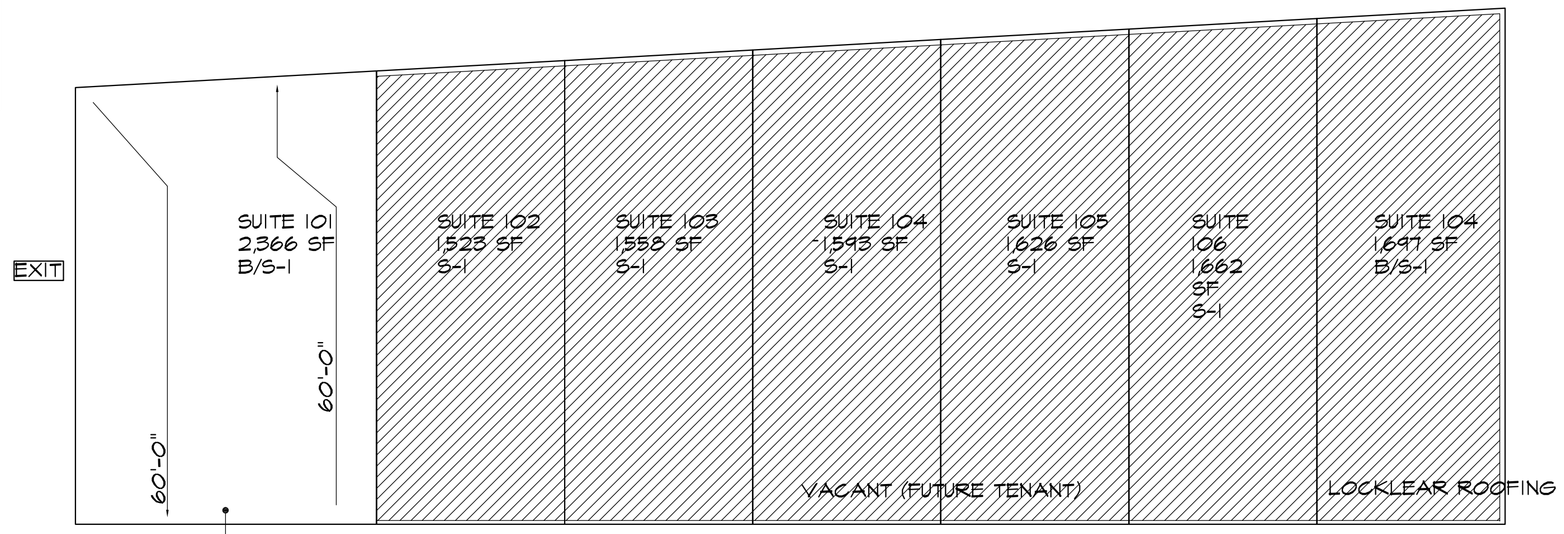
34. REFERENCE TO MAKES, BRANDS, ETC. IS TO ESTABLISH TYPE AND QUALITY DESIRED; SUBSTITUTIONS OF ACCEPTABLE EQUALS WILL BE PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE WHEN MADE ACCORDING TO PROCEDURES FOR SUBSTITUTIONS. SUBSTITUTIONS SHALL BE SUBMITTED AND APPROVED BY THE OWNER AND ARCHIECT BEFORE ORDERING MATERIALS.



Vacinity Map
Scale: NTS

ENTERPRISE PRODUCTS

2019 Production Drive, Suite 101
Apex, NC



1 Key Plan
1:10

NORTH

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ABBREVIATIONS

<	ANGLE
LAV.	LAVATORY
AL	ALUMINUM
MH	MANHOLE
AB	ANCHOR BOLT
M.O.	MASONRY OPENING
APPROX.	APPROXIMATE
MAT	MATERIAL
ARCH.	ARCHITECTURAL
MAX	MAXIMUM
@	AT
MIN	MINIMUM
AVG	AVERAGE
MTD	MOUNTED
BB	BACK TO BACK
MLDG	MOLDING
BSMT	BASEMENT
NTS	NOT TO SCALE
INSUL	INSULATION
DIA	DIAMETER
SHTHG	SHEATHING
DBL	DOUBLE
SIM	SIMILAR
DS	DOWN SPOUT S
SPEC	SPECIFICATION
EA.	EACH
SQ.	SQUARE
EW	EACH WAY
STD	STANDARD
ELEC.	ELECTRICAL
STL.	STEEL
JST	JOIST
CLG	CEILING
W/	WITH
BOT.	BOT. CHORD
T & G	TONGUE & GROOVE
EXT	EXTERIOR
T.O.F.	TOP OF FOOTING
FIN.FL.	FINISH FLOOR
T.O.J.	TOP OF JOIST
FE	FIRE EXTINGUISHER
T.O.S.	TOP OF STEEL
FTG.	FOOTING
T.O.W.	TOP OF WALL
GALV	GALVANIZED
T.	TREAD
GA.	GAGE
TYP	TYPICAL
GL	GLASS
GYP	GYPSUM
PREFAB	PREFABRICATED
CMU	CONCRETE MASONRY UNIT
REQ	REQUIRED
CONT	CONTINUOUS
R.	RISER
C.J.	CONTROL JOINT
SAN	SANITARY
CRS	COURSES
SEC	SECTION
DET	DETAIL
SHT.	SHEET
CONC.	CONCRETE
EL	ELEVATION
STG	STORAGE
EXIST.	EXISTING
WD	WOOD
E.J.	EXPANSION JOINT
INT	INTERIOR
JST	JOIST
BRG	BEARING
NO	NUMBER
BM	BENCH MARK
O.C.	ON CENTER
BLKG	BLOCKING
OPNG	OPENING
BD	BOARD
PNL	PANEL
BLDG	BUILDING
U.O.N.	UNLESS OTHERWISE NOTED
WWM	WELDED WIRE MESH
HM	HOLLOW METAL
VERT	VERTICAL
HOR	HORIZONTAL
HB	HOSE BIB
INT	INTERIOR
PLAS LAM	PLASTIC LAMINATE
C.H	CEILING HEIGHT
PL.	PLATE
CL.	CENTER LINE
PLMB	PLUMBING
CC	CENTER TO CENTER
PLYWOOD	PLYWOOD
COL	COLUMN
LB (#)	POUND

INDEX OF DRAWINGS

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Mechanical / Electrical

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ME002	ELECTRICAL NOTES & SCHEDULES
ME101	MECHANICAL & ELECTRICAL PLANS

RUSTY LONG, ARCHITECT
SUSTAINABLE | MODERN | DESIGN

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RUSTY LONG SEAL 11939 NORTH CAROLINA REGISTERED NORTH CAROLINA
12/13/2011

ISSUED FOR CONSTRUCTION

OFFICE FITUP
2019 PRODUCTION DR.
SUITE 101
APEX, NC

RUSTY LONG ARCHITECT
1544 DIRKSON COURT
CARY, NC 27511
919-602-4180

REVISIONS

12/6/11	ISSUED FOR REVIEW
12/13/11	ISSUED FOR CONSTRUCTION

DATE: December 13, 2011
PROJECT #: 2011_JSB
DRAWN BY: RHL
CHECKED BY: RHL

COVER PAGE PLAN

A1

☒ FOR CONSTRUCTION
☐ NOT FOR CONSTRUCTION