

ALTERATION OF EXISTING PATIO

LITTLE ALLEY STEAK RESTAURANT

3500 LENOX ROAD NE
SUITE 100
ATLANTA, GA 30326

01640

DATE	RELEASE
08.01.17.	RELEASED FOR CONSTRUCTION

CHECKED BY: A.K.
DRAWN BY: A.O.

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PROJECT FOR:
FIKRET KOVAC
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MARIETTA, GA 30066
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3500 LENOX ROAD NE, SUITE 100 PROJECT: 01640
ATLANTA, GA 30326 DATE: 08/01/17
ALTERATION OF EXISTING RESTAURANT
LITTLE ALLEY STEAK RESTAURANT
TITLE SHEET

T-1

GENERAL NOTES

- THE SCOPE OF WORK IS EXTERIOR PATIO ALTERATION, WHERE THE CONTRACTOR FINDS CONDITIONS NEEDING ADDITIONAL WORK NOT SHOWN OR NOT NOTED, HE SHALL NOTIFY THE OWNER IN WRITING AND GET AN APPROVAL BEFORE PROCEEDING, AND GET AN APPROVAL BEFORE PROCEEDING.
- THE DIMENSIONS, LOCATIONS, AND DETAILS SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF PREPARATION OF THESE DRAWINGS. DEVIATIONS WHICH ARE NECESSARY OR WHICH CONFLICT SHALL BE REPORTED TO THE ARCHITECT AND/OR OWNER. CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR DEVIATIONS NOT APPROVED BY THE ARCHITECT AND/OR THE OWNER.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO EXERCISE EXTREME CARE IN REGARD TO ALL EXISTING UTILITIES, TRAFFIC SIGNS, STREET MARKERS, SHUBBERY, DRIVEWAYS, WALKS, ETC., WHETHER SHOWN ON THE DRAWINGS OR NOT, AND THE CONTRACTOR SHALL EITHER REPAIR THE DAMAGE OR MAKE RESTITUTION TO THE OWNER OF SUCH PROPERTY.
- ALL DIMENSIONS AND EXISTING CONDITIONS AS SHOWN ARE APPROXIMATE AND FOR GENERAL GUIDELINE PURPOSES ONLY. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BIDDING AND/OR CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ARCHITECT PRIOR PERTAIN TO COMMENCING ANY WORK.
- THE CONTRACTOR SHALL VISIT AND EXAMINE THE SITE OF WORK, THE QUANTITY OF WORK, AND CONDITION OF THE SITE PRIOR TO SUBMITTING BID PROPOSAL, AND SATISFY HIMSELF THAT THE WORK CAN BE COMPLETED AS SET FORTH IN THE CONSTRUCTION PLAN.
- ANY ALTERNATE TO THE CONSTRUCTION PROCEDURES DESCRIBED HEREIN SHALL BE IDENTIFIED WITH THE BID SUBMITAL.
- THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS PERTAINING TO THE HEALTH AND SAFETY OF EMPLOYEES, AND HOLD HARMLESS THE OWNER AND THE ARCHITECT REGARDING SUCH ACTIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS AND INSPECTIONS, STATE AND LOCALLY REQUIRED, AND MUST PAY FOR SAME.
- IT SHALL BE REQUIRED THAT ALL MATERIALS AND WORKMANSHIP COMPLY WITH THE REQUIREMENTS OF BOTH LOCAL ORDINANCES AND THE APPLICABLE BUILDING CODES, LATEST EDITION, INCLUDING ALL ADDENDA.
NOTE:
ALL INTERIOR FINISHES TO BE CLASS 'A' OR 'B'
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES, IF SHOWN, ARE PER RECORD DRAWINGS AND HAVE NOT BEEN VERIFIED BY ACTUAL FIELD CHECKS. CONTRACTOR TO VERIFY EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- CLEAN UP SHALL BE PERFORMED CONTINUOUSLY DURING WORKING DAYS TO KEEP BUILDINGS AND PREMISES FREE FROM FROM ACCUMULATION OF WASTE MATERIALS AND RUBBISH. AT THE COMPLETION OF THE WORK, REMOVE ALL WASTE, RUBBISH, AND UNUSED SURPLUS MATERIALS FROM AND AROUND THE SITE AND PREMISES, AND LEAVE THE SITE CLEAN. JUST PRIOR TO INSPECTION, REMOVE ALL DUST, DIRT, AND STAINS FROM FINISHED SURFACE AND LEAVE WORK READY FOR USE.
- COORDINATION OF ALL WORK BETWEEN DIFFERENT TRADES IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- AT THE END OF CONSTRUCTION, THE CONTRACTOR SHALL DELIVER TO THE OWNER A COMPLETE SET OF "AS-BUILT" DRAWINGS SHOWING LOCATIONS OF WORK INSTALLED, INCLUDING CHANGES TO ALL UNDERGROUND UTILITIES, CERTIFICATES, AFFIDAVITS, OPERATION INSTRUCTIONS, MANUFACTURE'S INSTRUCTIONS ON ALL EQUIPMENT, AND DEMONSTRATE THAT ALL IS IN PROPER WORKING ORDER.
- SUBMIT CONSTRUCTION SCHEDULE FOR THE WORK, INDICATING WORKING HOURS, DELIVERIES OF MATERIALS, AND DISRUPTION OF OPERATIONS OF BUSINESS TO THE OWNER FOR APPROVAL BEFORE CONSTRUCTION IS STARTED.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FURNISH AND INSTALL ALL WORK, FIXTURES, AND EQUIPMENT NECESSARY TO COMPLETE THE PROJECT.
- ALL PATCHING OF FLOORS, CUTTING OR OPENINGS IN EXISTING WALLS AND CEILING, CHASING FLOORS FOR PLUMBING PIPES AND ELECTRICAL CONDUITS DUE TO AND FOR THE CONSTRUCTION OF NEW WORK, AND RESTORING TO ORIGINAL CONDITION, ARE PART OF THE CONTRACT. THIS COVERS BOTH INTERIOR AND EXTERIOR WORK.
- CONTRACTOR TO PROVIDE ALL BARRICADES, SCAFFOLDING, AND OTHER MEANS OF PROTECTION AS MAY BE REQUIRED TO COMPLY WITH THE STATE LAWS AND MUNICIPAL ORDINANCES TO ADEQUATELY SAFEGUARD PROPERTY AND PERSONS.
- CHECK DRAWINGS, DIMENSIONS AND SITE CONDITIONS FOR DISCREPANCIES THAT IMPEDE CONSTRUCTION. REPORT SAME TO THE OWNER AND THE ARCHITECT IN WRITING. FAILURE TO DO SO RELIEVES THE OWNER AND THE ARCHITECT OF ALL RESPONSIBILITIES AND COSTS INCURRED.
- CONTRACTOR TO PLAN AND PERFORM HIS WORK IN A MANNER THAT WILL PERMIT SAFE PUBLIC TRAFFIC ON THE SITE.
- OWNER SHALL NOT BE RESPONSIBLE FOR THE PROTECTION AND/OR SAFETY OF THE CONTRACTOR'S WORK, WORKERS, SUBCONTRACTORS, MATERIALS AND/OR EQUIPMENT.
- G.C. TO BE RESPONSIBLE FOR COORDINATION WITH CITY OF ATLANTA.
- SPRINKLER WORK MUST BE DONE BY LICENSED SPRINKLER CONTRACTOR.
- PROVIDE KNOX BOX ON BUILDING IF THERE ISN'T AN EXISTING ONE.

MAT'L LEGEND

	PLYWOOD		GLASS		COMPACTED EARTH
	TEXTURE 1-11		BRICK		GRANULAR FILL
	GYPSUM BOARD		CONCRETE		BATT INSULATION
	FINISH WOOD		CONCRETE BLOCK		ROUGH WOOD

GENERAL BUILDING NOTES

- OCCUPANCY TYPE: A-2 (RESTAURANT)
FIRE SPRINKLERED: YES
 - TENANT AREA :
EXISTING PATIO: 4,359 S.F.
NEW PATIO: 691 S.F.
TOTAL PATIO S.F. 5,050 S.F.
 - CODES IN EFFECT:
INTERNATIONAL BUILDING CODE, 2012 EDITION (W/ GEORGIA AMENDMENTS)
INTERNATIONAL PLUMBING CODE, 2012 EDITION (W/ GEORGIA AMENDMENTS)
INTERNATIONAL MECHANICAL CODE, 2012 EDITION (W/ GEORGIA AMENDMENTS)
INTERNATIONAL FIRE CODE, 2012 EDITION (W/ GEORGIA AMENDMENTS)
NATIONAL ELECTRICAL CODE, 2014 EDITION
INTERNATIONAL FUEL GAS CODE, 2012 EDITION (W/ GEORGIA AMENDMENTS)
INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION (W/ GA SUPPLEMENTS & AMENDMENTS)
ACCESSIBILITY CODES: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
LIFE SAFETY CODE, NFPA 101 2012 EDITION (W/ GEORGIA AMENDMENTS)
4. OCCUPANCY LOAD:
MAIN LEVEL:
OPEN PATIO AREA:
SEATING BENCH 141 FT. / 1.5 = 58
SEATING FIXED 33
SEATING LOOSE 137 FT. / 15 = 9
SUB TOTAL: 107
ENCLOSED LOUNGE AREA:
BAR SEATING 34 FT. / 1.5 = 23
SEATING LOOSE 251 FT. / 15 = 17
SUB TOTAL: 40
TOTAL: 147
- SCOPE OF WORK:**
MAIN LEVEL:
- INSTALL NEW RETAINING WALL AND CANOPIES.
- INSTALL NEW ENCLOSED LOUNGE,
- INSTALL NEW LIGHTS THROUGHOUT.
- INSTALL NEW SEATING AND DECOR FINISHES
- MISC. FLOOR REPAIRS THROUGHOUT.

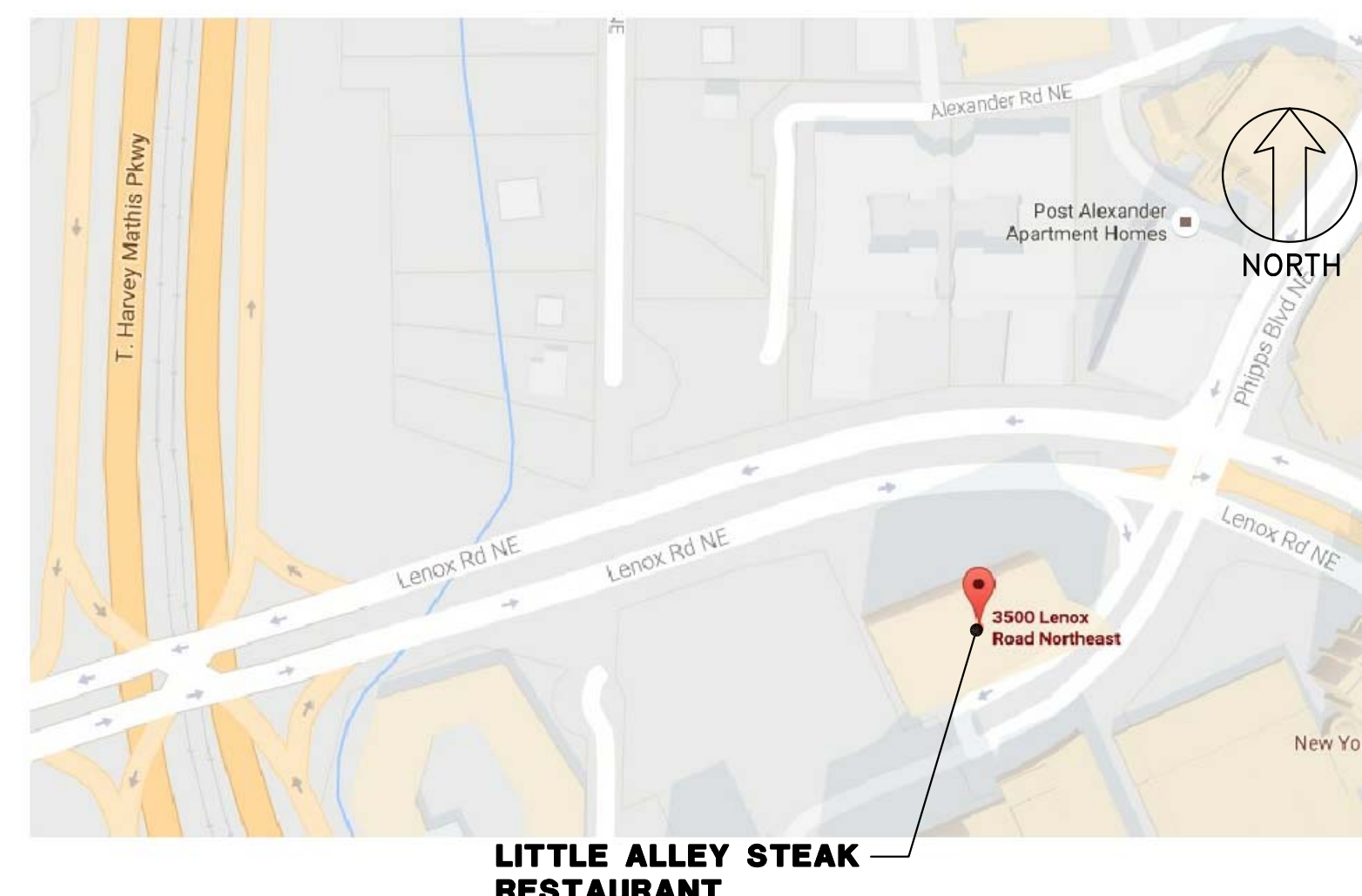
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LIST OF ABBREVIATIONS

A.I.C. -ALTERNATE	F.O.S. -FACE OF STUD	P.T. -PRESSURE TREATED
A.B. -ANCHOR BOLT	F.R.P. -FIRE RATED PANELING	PTN. -PARTITION
A.F.F. -ABOVE FINISHED FLOOR	F.S. -FLOOR SINK	P.V.C. -POLYVINYL CHLORIDE
ALT. -ALTERNATE	FT. -FOOT	R.D. -ROOF DRAIN
ALUM. -ALUMINUM	FTG. -FOOTING	RECEPT. -RECEPTACLE
AUX. -AUXILIARY	GA. -GAUGE	REINF. -REINFORCING
B.O. -BOTTOM OF	GALV. -GALVANIZED	REQ'D. -REQUIRED
BD. -BOARD	G.C. -GENERAL CONTRACTOR	R.W.L. -RAIN WATER LEADER
BLK'G. -BLOCKING	G.P.M. -GALLONS PER MINUTE	SO. -SQUARE
BM. -BEAM	GRD. -GROUND	S/S, S.S. -STAINLESS STEEL
BOT. -BOTTOM	G.W. -GREASY WASTE	STL. -STEEL
BRZ. -BRONZE	GYP. -GYPSUM	STRUC. -STRUCTURAL
CL. -CENTER LINE	HORIZ. -HORIZONTAL	SURF.MTD. -SURFACE MOUNTED
C. COND. -CONDUIT	HT. -HEIGHT	S.W. -SAFE WASTE
CLG. -CEILING	H.W. -HOT WATER	T&G. -TONGUE AND GROOVE
COL. -COLUMN	H.D. -HAND DRYER	T.O.S. -TOP OF SLAB
CONC. -CONCRETE	I.D. -INTERIOR DESIGN	TYP. -TYPICAL
CONN. -CONNECTION	INSUL. -INSULATION	UR. -URINAL
CONT. -CONTINUOUS	LL.H. -LONG LEG HORIZONTAL	VEN. -VENEER
CONTR. -CONTRACTOR	LL.V. -LONG LEG VERTICAL	VERT. -VERTICAL
CTR. -CENTER	L.P. -LOW POINT	VEST. -VESTIBULE
C.W. -COLD WATER	LAV. -LAVATORY	V.T.R. -VENT THRU ROOF
Ø -DIAMETER, PHASE	LOC. -LOCATE	W. -WIDE, WASTE
DIA. -DIAMETER, DIAGRAM	LONG. -LONG	W/ -WITH
DBL. -DOUBLE	MAS. -MASONRY	W.C. -WATER CLOSET
D/T -DRIVE-THRU	MAX. -MAXIMUM	W.C.O. -WALL CLEAN OUT
DWG. -DRAWING	MIN. -MINIMUM	WD. -WOOD
E.F. -EXHAUST FAN	MTD. -MOUNTED	W.H. -WATER HEATER
E.A. -EACH	MTL. -METAL	W.I.B. -WALK IN BOX
ELECT. -ELECTRIC	N.I.C. -NOT IN CONTRACT	W.P. -WATER PROOF
ELEV. -ELEVATION	O.C. -ON CENTER	W.W.F. -WELDED WIRE FABRIC
EQ. -EQUIPMENT	O.D. -OUTSIDE DIMENSION	W.W.M. -WELDED WIRE MESH
EQUIP. -EQUIPMENT	O.H. -OVERHANG	
E.W. -EACH WAY	O/O -OUT TO OUT	
EXT. -EXTERIOR	Ø -PHASE, DIAMETER	
F.C.O. -FLOOR CLEAN OUT	PL. -PLATE	
F.D. -FLOOR DRAIN	P.O.S. -POINT OF SALE	
F.E. -FIRE EXTINGUISHER	PREFAB. -PREFABRICATED	
FIN.FL. -FINISH FLOOR	P.S.F. -POUNDS PER SQ. FOOT	
F.O.M. -FACE OF MASONRY	P.S.I. -POUNDS PER SQ. INCH	

VICINITY MAP

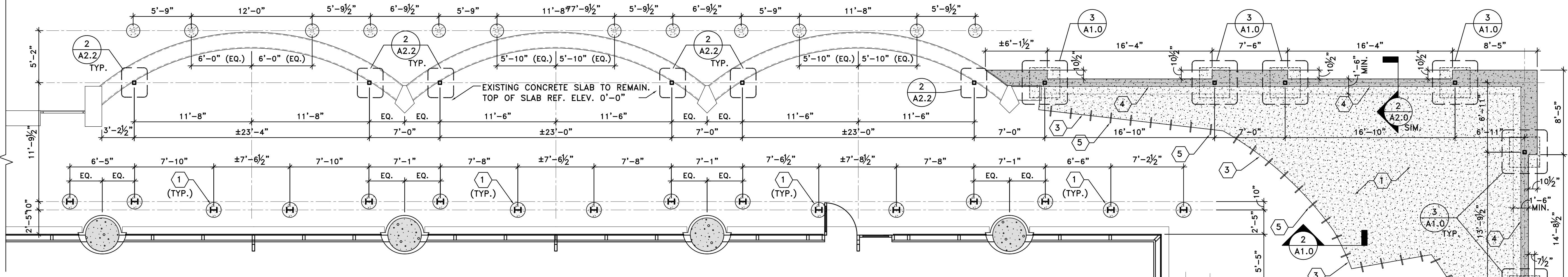


LITTLE ALLEY STEAK RESTAURANT

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08.01.17.	RELEASED FOR CONSTRUCTION

CHECKED BY: A.K.
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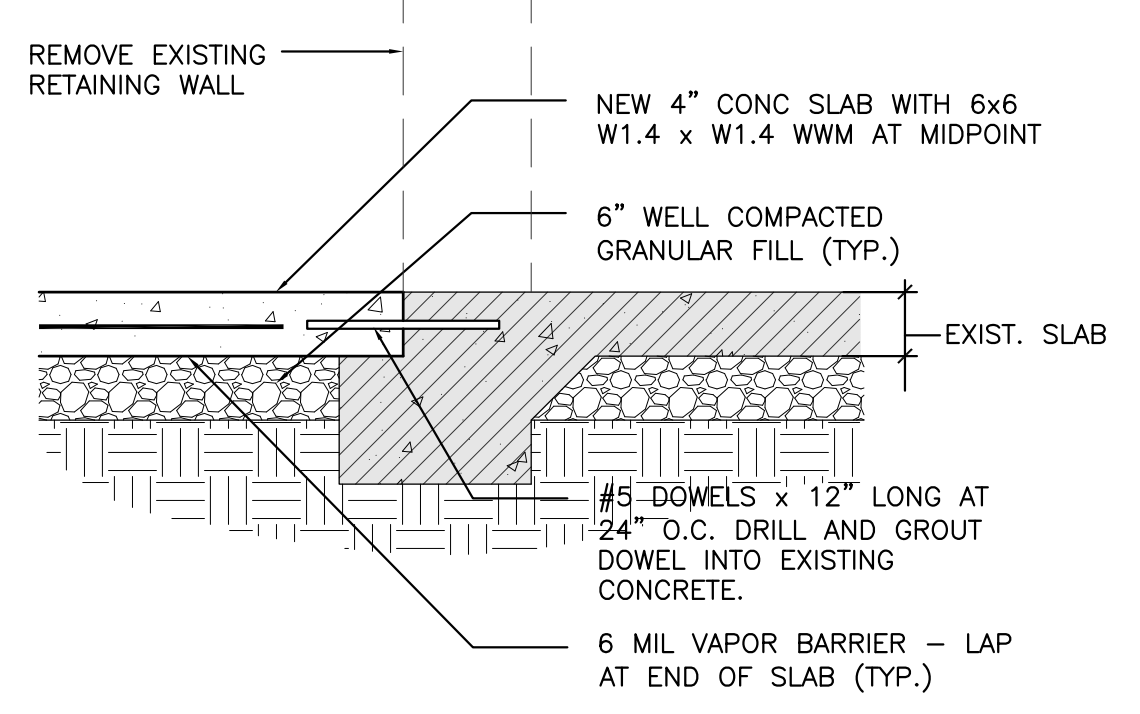
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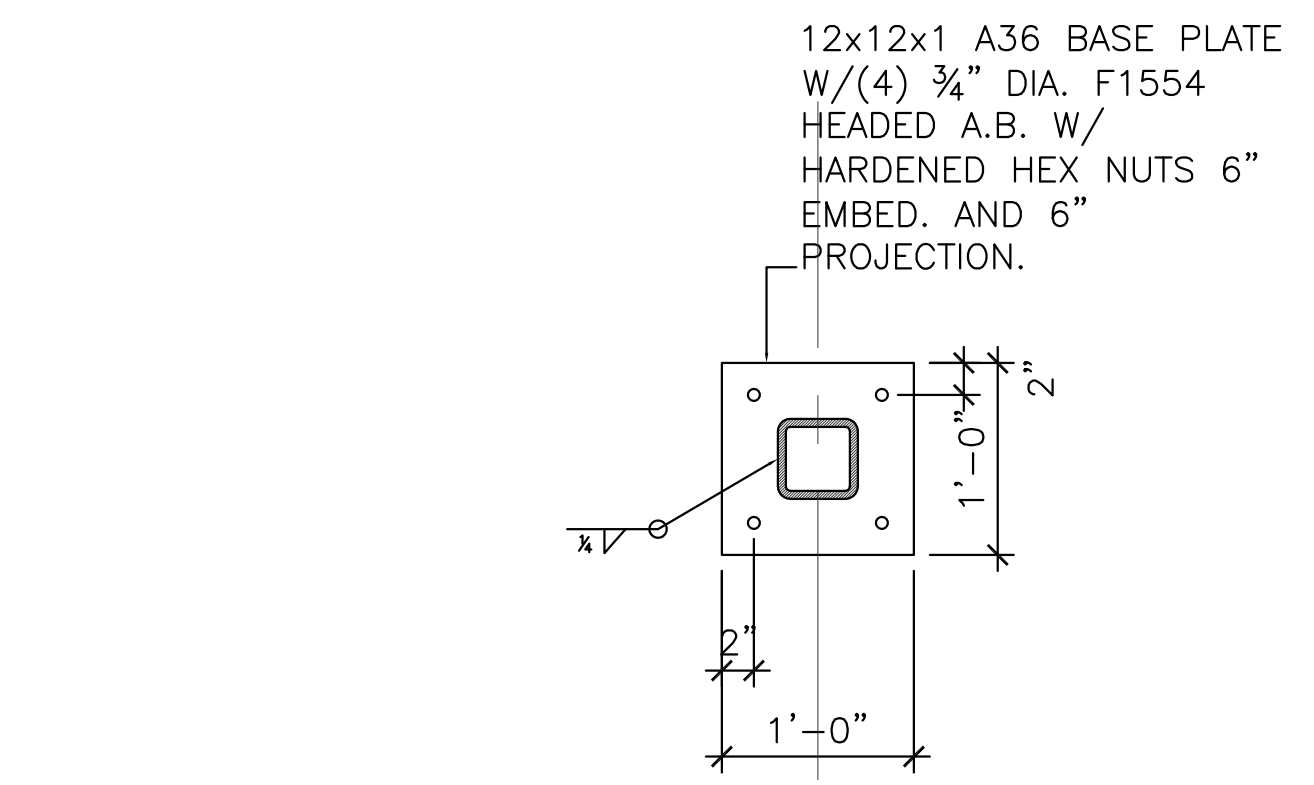
1 FOUNDATION / SLAB PATIO PLAN
SCALE: 3/16" = 1'-0"

- GENERAL NOTES:**
1. EXTEND BOTTOM OF CONC. FOOTING BELOW FROST LINE WHERE APPLICABLE. VERIFY WITH LOCAL CONDITIONS AND BUILDING DEPARTMENT.
 2. TOP OF SLAB ELEV. 0'-0" SHALL BE DATUM FOR THESE DRAWINGS. SEE SITE PLAN FOR ACTUAL ELEVATION.
 3. FOUNDATION DESIGNED FOR ALLOWABLE SOIL PRESSURE OF 2000 P.S.F.
 4. GENERAL CONTRACTOR TO VERIFY SOIL BEARING CAPACITY IS IN ACCORDANCE WITH FOUNDATION DESIGN THAT ALLOWS FOR 2000 P.S.F. MIN. BEARING CAPACITY.
 5. FOOTING AND SLAB COMPACTION AND BEARING CAPACITY TO BE TESTED BY SOIL ENGINEER. G.C. TO PROVIDE REPORT TO THE PERMITTING OFFICE PRIOR TO REPLACEMENT OF CONCRETE.
 6. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD.
 7. GENERAL CONTRACTOR TO VERIFY FLOOR SINK & FLOOR DRAIN LOCATIONS (IF APPLICABLE) WITH EQUIPMENT SUPPLIER LAYOUT.

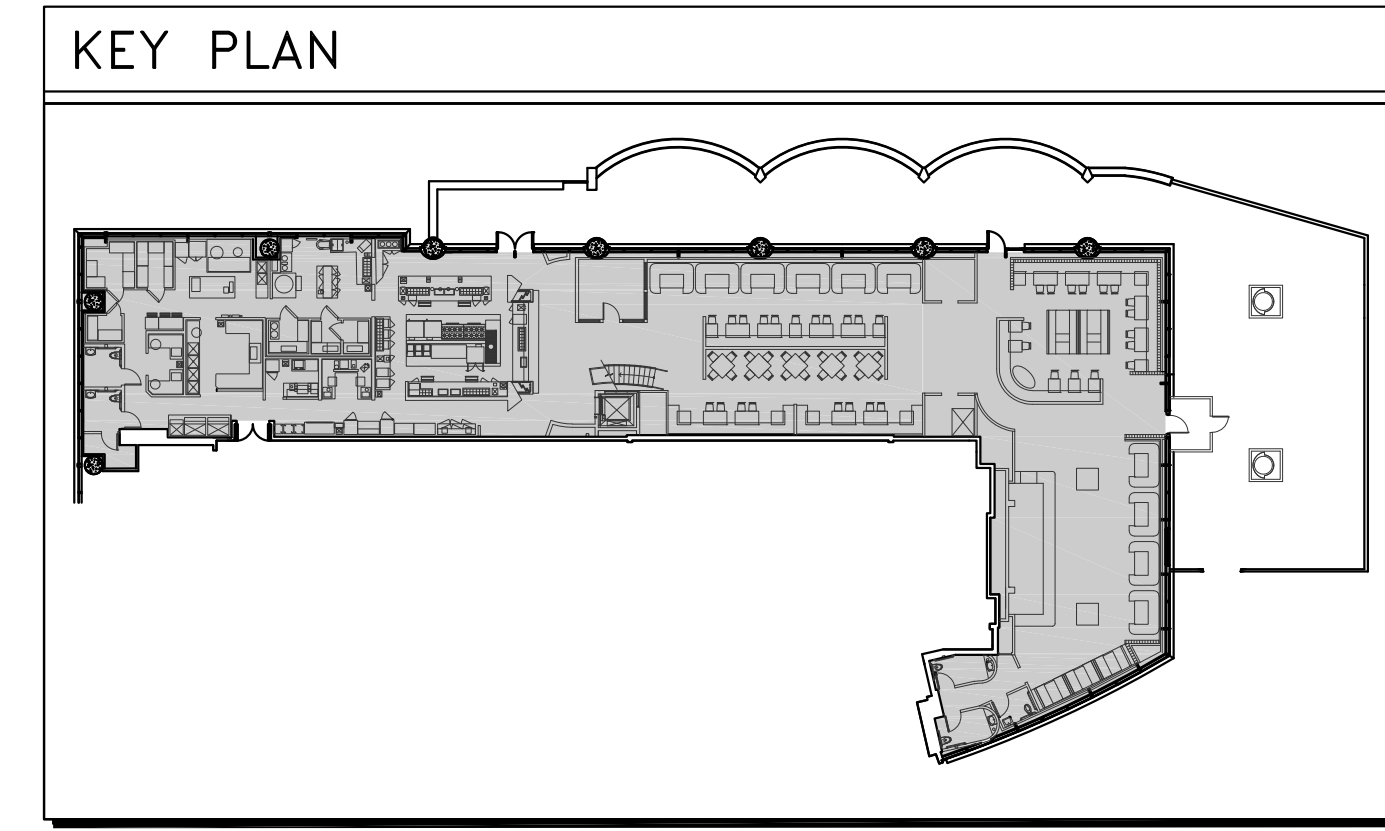
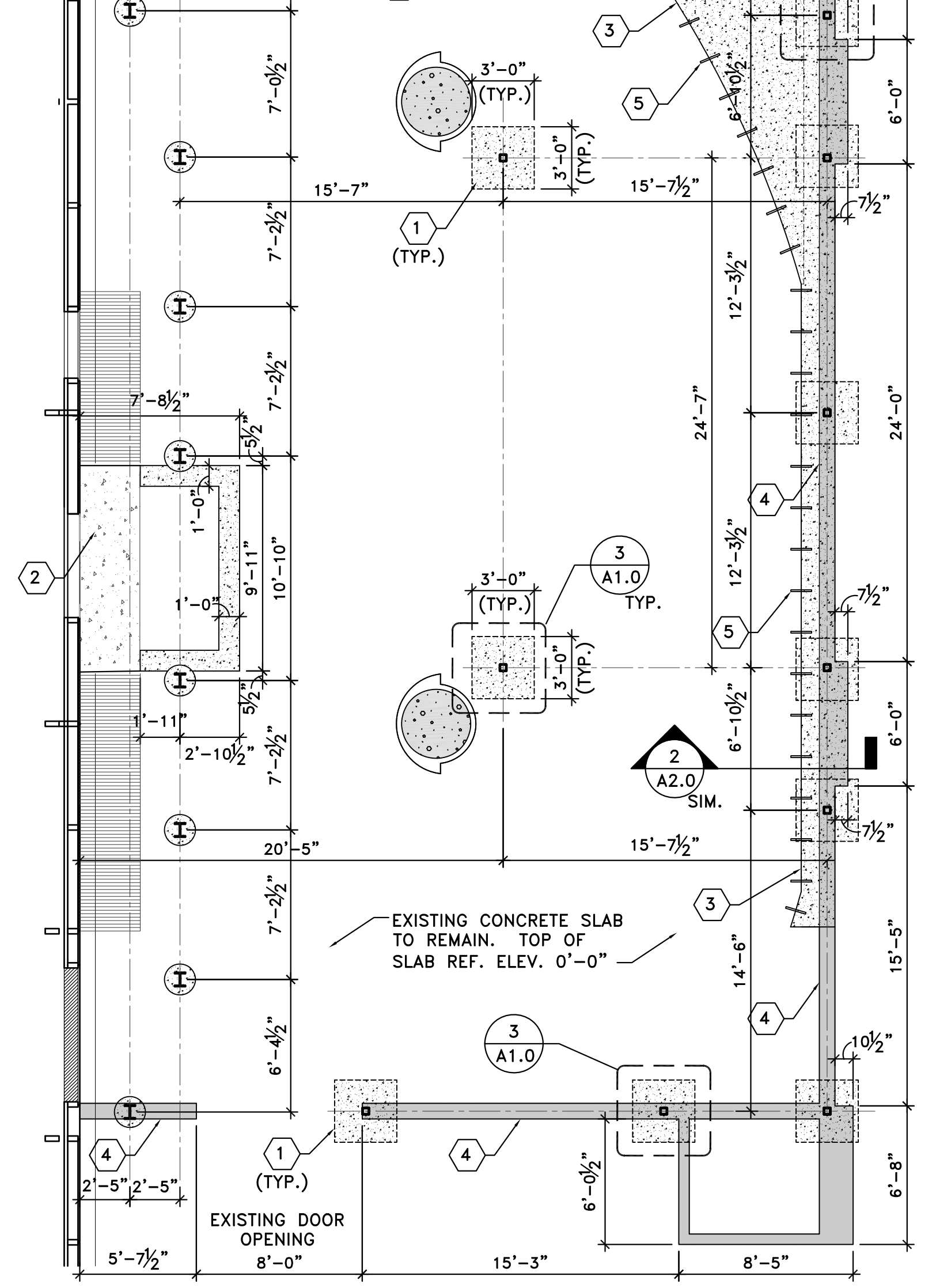
- PLAN NOTES:**
1. NEW CONCRETE TO BE:
4" CONCRETE SLAB WITH 6"x6" W1.4xW1.4 W.W.M. OVER 6 MIL. MOISTURE BARRIER AND WELL COMPACTED GRANULAR SUBGRADE.
DATUM: TOP OF NEW CONCRETE SLAB TO MATCH EXISTING, REF. EL. 0'-0"
 2. ENCLOSE PORTION OF EXISTING VENTILATION WELL. SEE 2/A-4.0
 3. EDGE OF EXISTING CONCRETE SLAB.
 4. NEW RETAINING WALL TO MATCH EXISTING IN HEIGHT AND SIZE.
 5. #5 DOWELS X 12" LONG AT 24" O.C. DRILL AND GROUT DOWEL INTO EXISTING CONCRETE.



2 SLAB JOINING DETAIL
SCALE: 1" = 1'-0"



3 COLUMN FOOTING DETAIL
SCALE: 1" = 1'-0"



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LITTLE ALLEY STEAK
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FOUNDATION / SLAB PATIO PLAN

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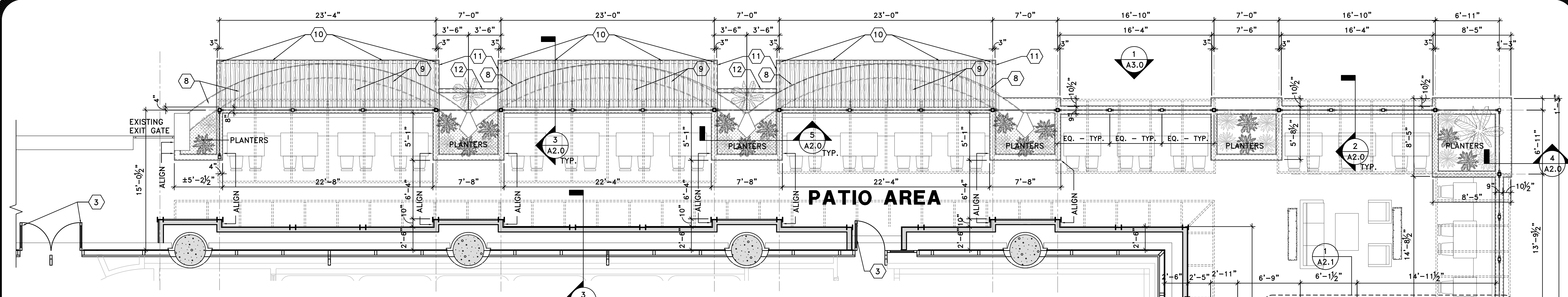
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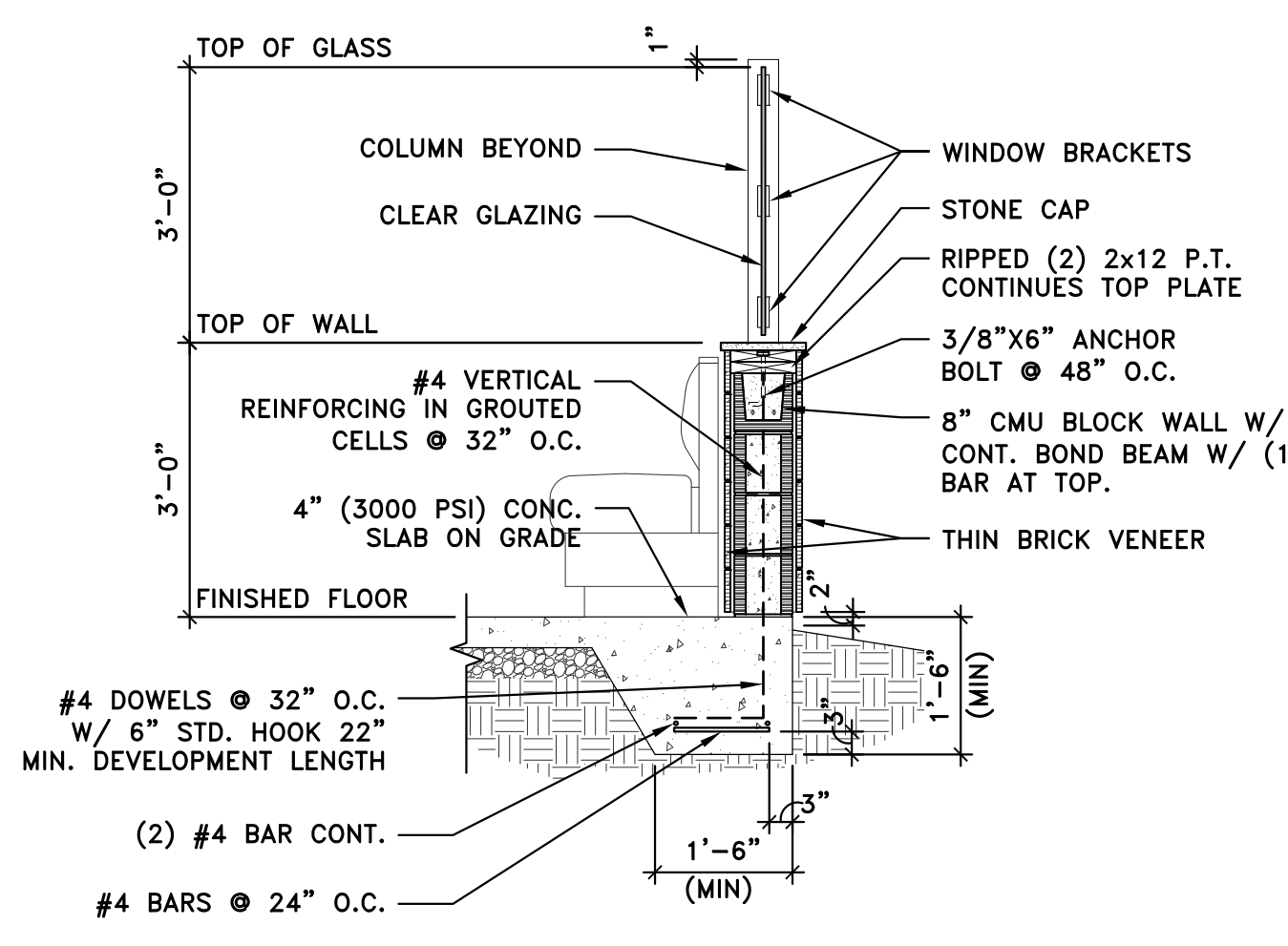
3500 LENOX ROAD NE, SUITE 100
ATLANTA, GA 30326
ALTERATION OF EXISTING RESTAURANT
LITTLE ALLEY STEAK RESTAURANT
PATIO FLOOR PLAN



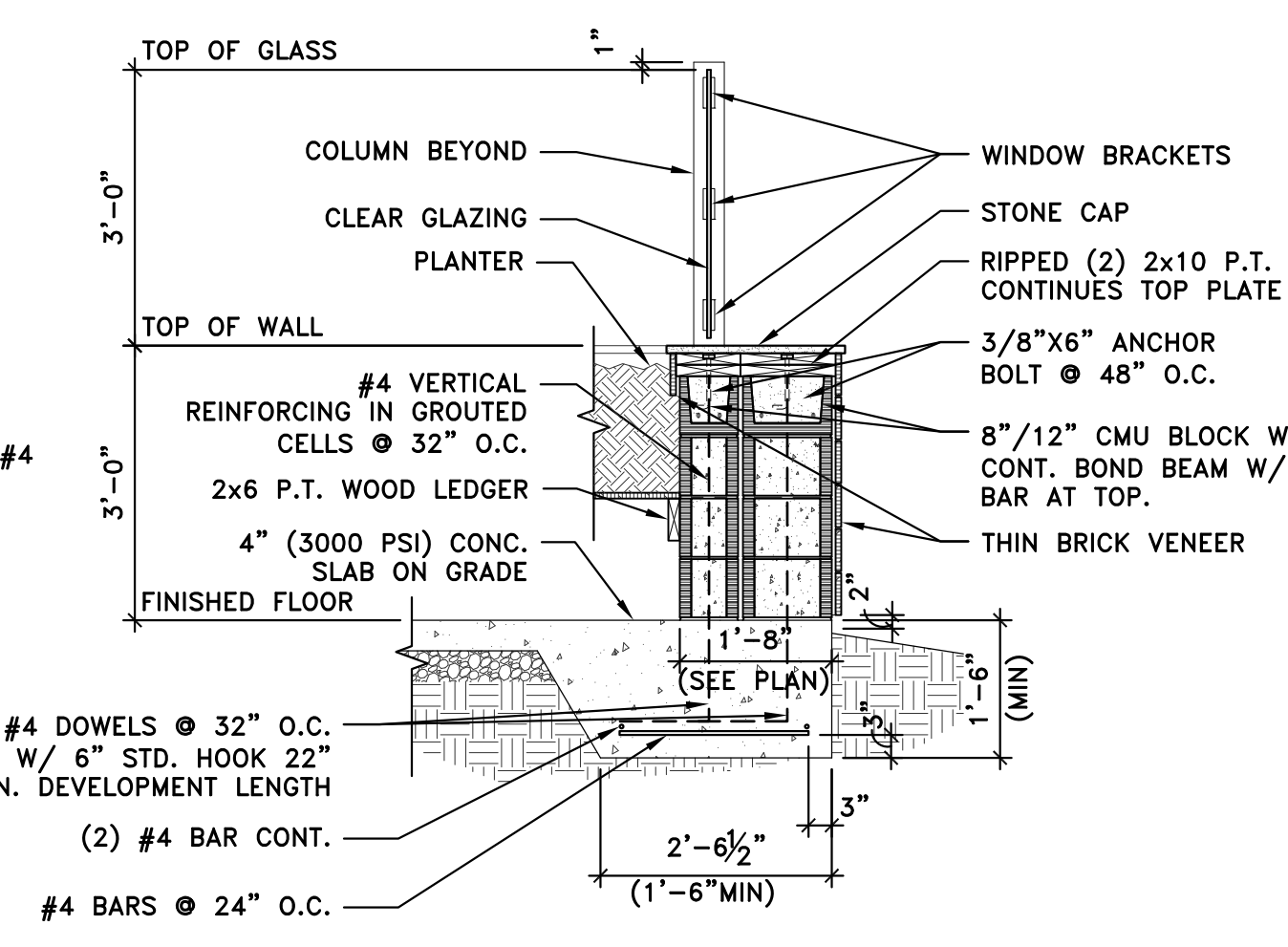
1 PATIO FLOOR PLAN
SCALE: 3/16" = 1'-0"

- GENERAL NOTES:**
- ALL DIMENSIONS ARE TO FINISHED WALL UNLESS OTHERWISE NOTED. "CLEAR" DENOTES FINISH TO FINISH DIMENSIONS. "HOLD" DENOTES CRITICAL FRAMING DIMENSIONS.
 - ALL WALLS SHALL BE GALVANIZED 4" 20 GA METAL STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.
 - MOUNT FIRE EXTINGUISHERS LISTED IN SPECIFICATIONS AT LOCATIONS SHOWN OR DIRECTED BY FIRE DEPT. PROVIDE ADD'L IF REQ'D BY FIRE DEPT.
 - POST OCCUPANT LOAD SIGN LISTED IN SPECIFICATIONS, G.C. SHALL ACQUIRE APPROPRIATE WORDING FOR POSTING OF ROOM CAPACITY FROM PRESIDING AGENCY AND FABRICATE SIGN ACCORDINGLY.
 - INSTALL 4'-0" HIGH CLEAR, POLYCARBONATE CORNER GUARDS PER MANUFACTURER'S REQUIREMENTS AT ALL EXPOSED WALLCOVERING CORNERS IN DINING AND BAR AREAS.
 - AREA OF BUILDING WHERE FLOOR TILE SHALL BE INSTALLED SHALL BE CONSIDERED TO BE DEAD LEVEL, EXCEPT WHERE POSITIVE SLOPE IS REQUIRED AT FLOOR DRAINS.
 - ALL EXPOSED EDGE / SURFACES OF GALVANIZED METAL STUDS TO BE PAINTED WITH ANTI - RUST PAINT.

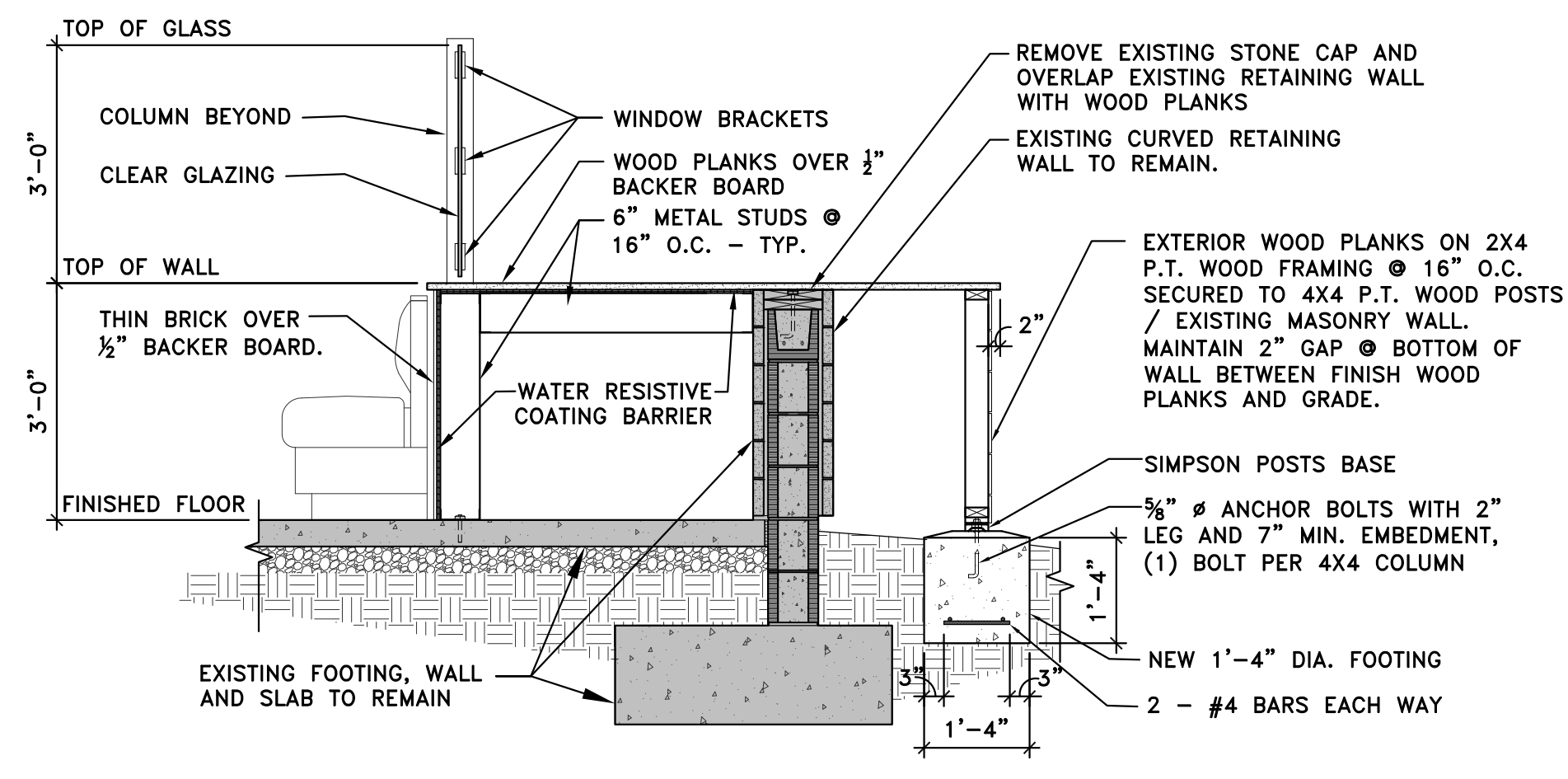
- PLAN NOTES:**
- ENCLOSE EXISTING ENTRANCE DOOR. NEW GLAZING TO MATCH EXISTING ADJACENT.
 - ALL EXISTING STRUCTURAL PIERS TO REMAIN - TYP.
 - EXISTING EXIT DOORS TO REMAIN.
 - NEW WALL TO BE 20 GA. 4" METAL STUDS @ 16" O.C. - TYP, WITH THIN BRICK FINISH ON ALL VERTICAL SURFACES ON 1/2" DENS GLASS. PROVIDE WATER RESISTIVE BARRIER ON ALL EXTERIOR WALLS.
 - SEE SHEET A-2.1 FOR NEW LOUNGE BAR EQUIPMENT PLAN.
 - NEW CUSTOM 3'-6"x10'-0" DOOR TO BE UNLOCK DURING BUSINESS HOURS.
 - ENCLOSE PORTION OF EXISTING VENTILATION WELL. SEE 2/A-4.0
 - EXISTING RETAINING WALL TO REMAIN.
 - INSTALL NEW WOOD PLANKS OVER EXISTING RETAINING WALL, SEE 3/A-4.
 - 4x4 P.T. WOOD POST. - TYP OF 4 EACH BAY EQUALLY SPACED.
 - EXTERIOR WOOD PLANKS ON 2x4 P.T. WOOD FRAMING @ 16" O.C. SECURED TO 4x4 P.T. WOOD POSTS / EXISTING MASONRY WALL. MAINTAIN 2" GAP @ BOTTOM OF WALL BETWEEN FINISH WOOD PLANKS AND GRADE.
 - THIN BRICK OVER 1/2" BACKER BOARD ON 2x4 P.T. WOOD FRAMING @ 16" O.C. SECURED TO 4x4 P.T. WOOD POSTS / EXISTING MASONRY WALL. MAINTAIN 2" GAP @ BOTTOM OF WALL BETWEEN FINISH WOOD PLANKS AND GRADE.



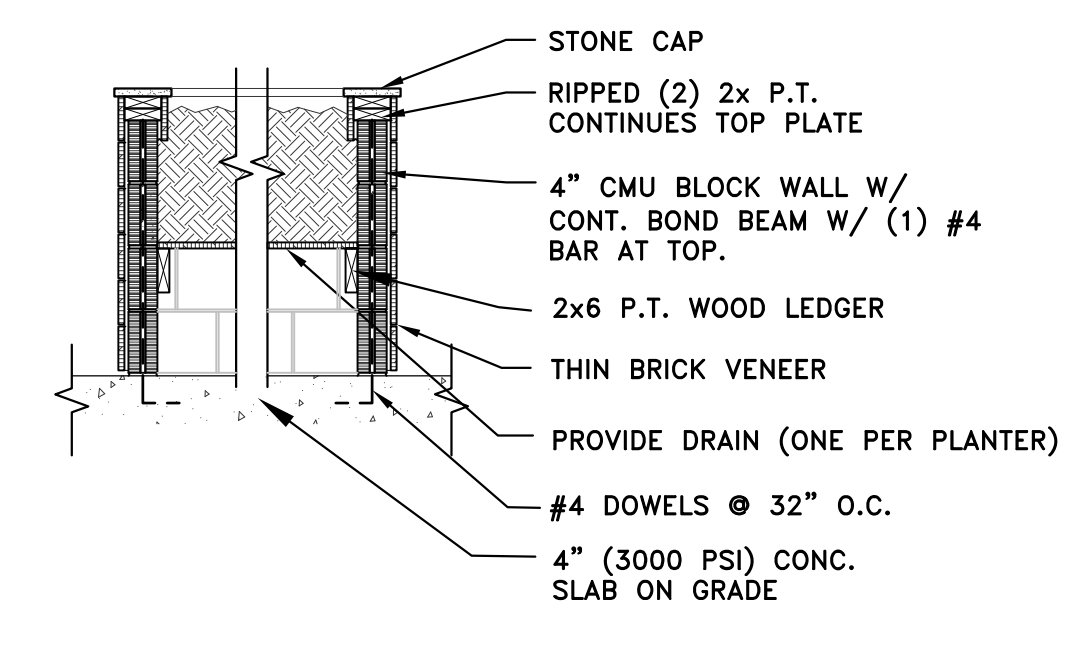
2 DECORATIVE PATIO WALL - NEW RETAINING WALL
SCALE: 1/2" = 1'-0"



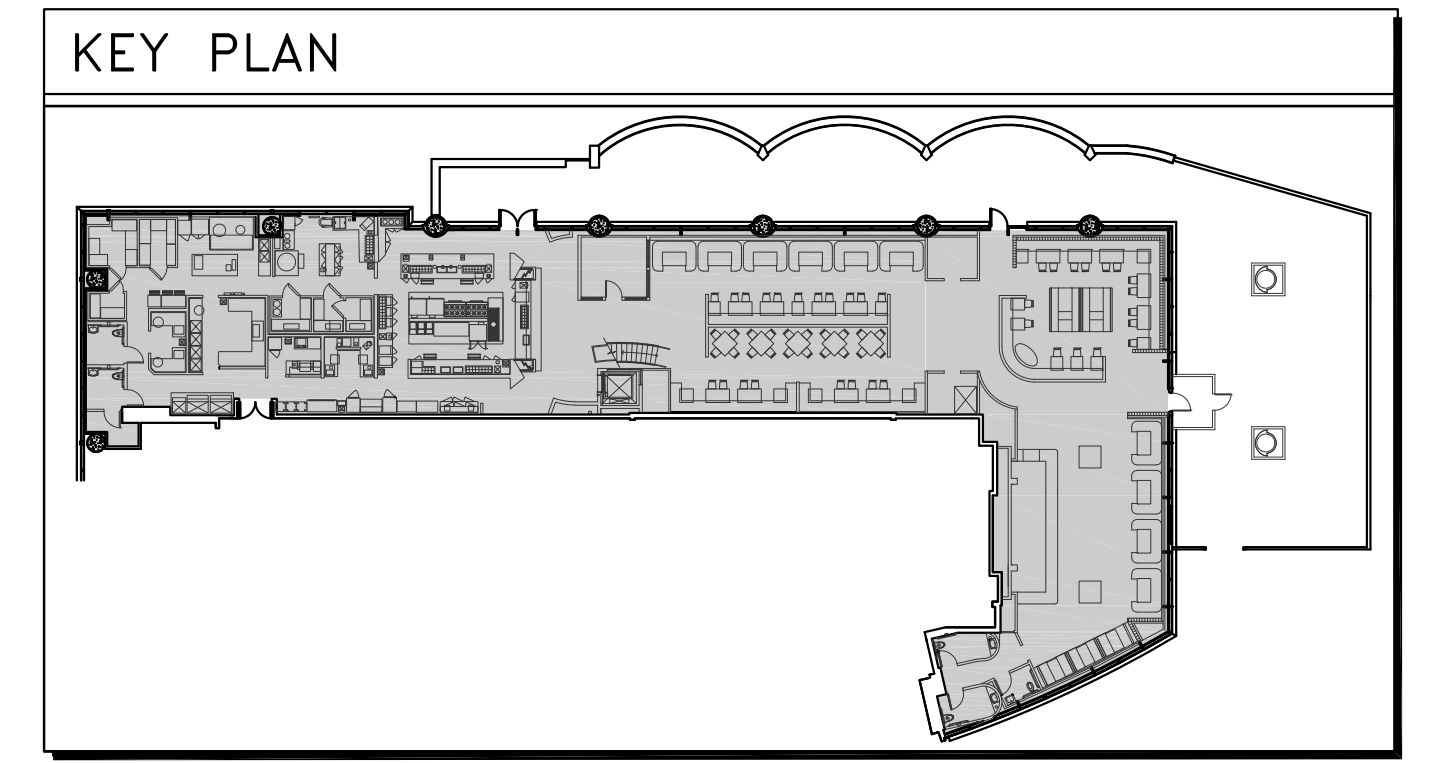
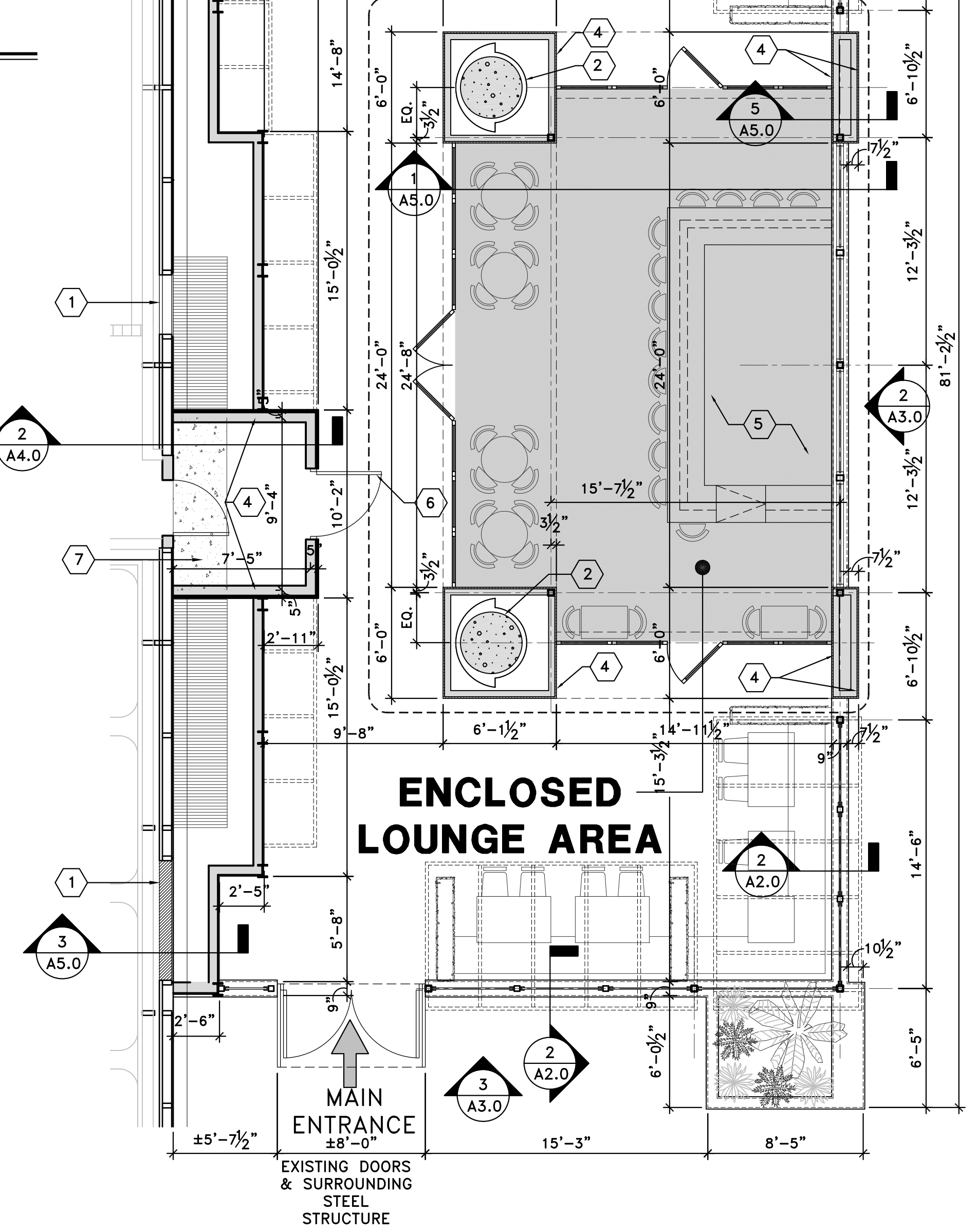
4 DECORATIVE PATIO WALL - NEW RETAINING WALL
SCALE: 1/2" = 1'-0"



3 DECORATIVE PATIO WALL - EXISTING RETAINING WALL
SCALE: 1/2" = 1'-0"



5 SECTION - PLANTER
SCALE: 1/2" = 1'-0"



GENERAL NOTES:

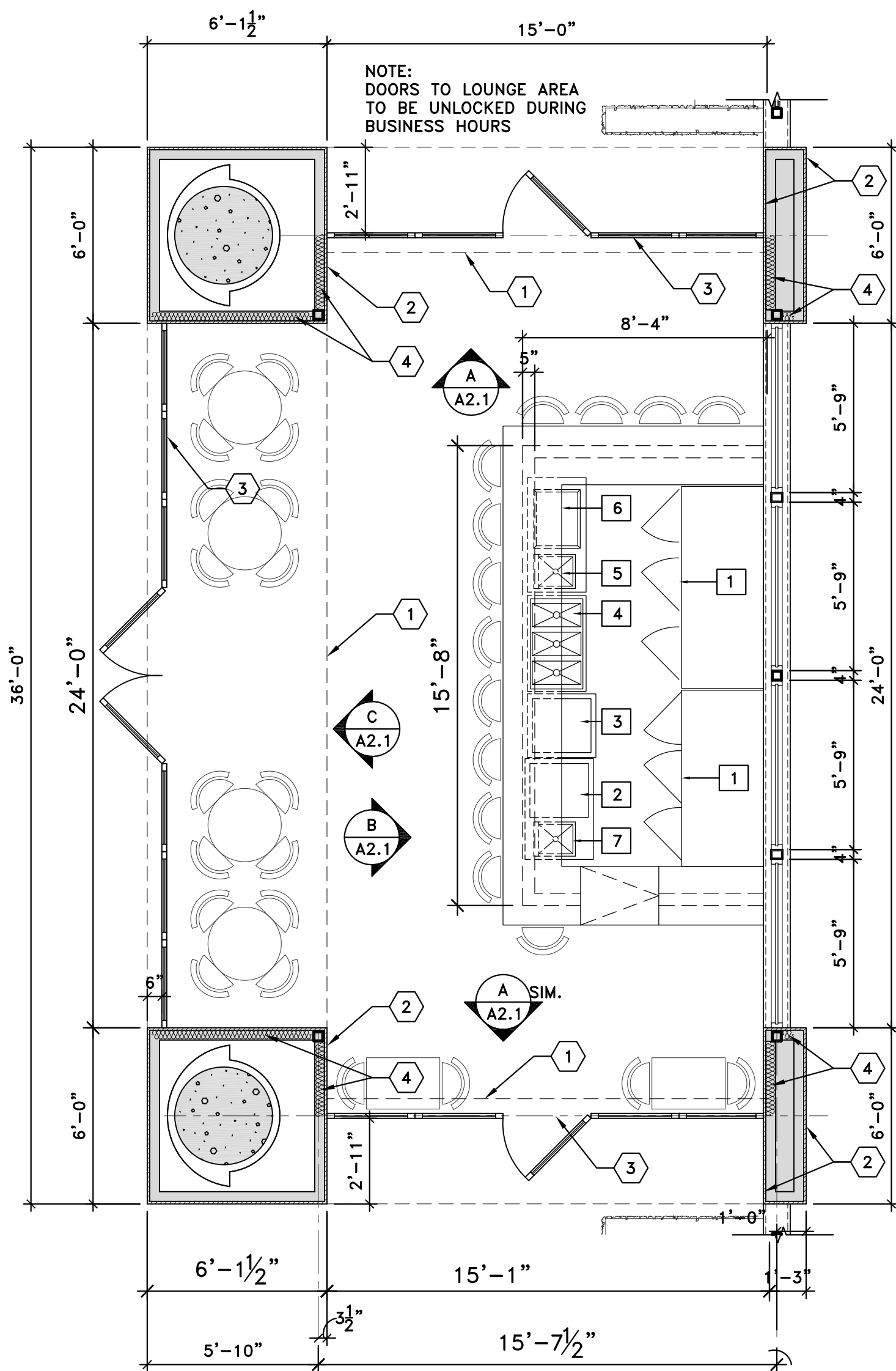
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- AREA OF BUILDING WHERE FLOOR TILE SHALL BE INSTALLED SHALL BE CONSIDERED TO BE DEAD LEVEL, EXCEPT WHERE POSITIVE SLOPE IS REQUIRED AT FLOOR DRAINS.

EQUIPMENT SCHEDULE:

1	BACK BAR REFRIGERATED CABINET
2	REFRIGERATOR GLASS AND PLATE CHILLER
3	DISHWASHER BAR AREA
4	(3) COMP SINK WITH DRAIN BOARD
5	HAND SINK BAR AREA
6	UNDER BAR ICE BIN CABINET
7	DUMP SINK

PLAN NOTES:

- OUTLINE OF SOFFIT ABOVE AT 9'-0" AFF.
- NEW WALL TO BE 20 GA. 4" METAL STUDS @ 16" O.C. - TYP. WITH THIN BRICK FINISH ON ALL VERTICAL SURFACES ON 1/2" DENS GLASS. PROVIDE WATER RESISTIVE BARRIER ON ALL EXTERIOR WALLS.
- NEW FOLDING DOORS WITH INTEGRAL ENTRY DOORS AS SHOWN (SPEC PROVIDED BY OWNER).
- ALL EXTERIOR WALLS TO RECEIVE CONTINUOUS R-13 INSULATION



ROOM FINISH SCHEDULE

ROOM	FLOOR	BASE	WALLS	CLG.
BAR / LOUNGE AREA	CONCRETE	WOOD/TILE	GLASS THIN BRICK	GWB SMOOTH FINISH

STOREFRONT NOTE

ALL STOREFRONT SYSTEM TO BE CLEAR ANODIZED ALUMINUM FINISH, INCLUDING FLASHING AND COVERS AS REQUIRED.

TYPE VISION:

OVERALL THICKNESS: 1" INSULATED GLASS
 OUTBOARD LITE: 1/4" VEI-2M LOW-E #2 SURFACE TEMPERED
 AIR SPACE: 1/2" WITH BLACK SILICONE SEAL
 INBOARD LITE: 1/4" CLEAR GLASS

VISIBLE LIGHT TRANSMITTANCE: 67%
 SOLAR ENERGY TRANSMITTANCE: 29%
 U-V TRANSMITTANCE <1%
 VISIBLE LIGHT REFLECTANCE EXTERIOR: 10%
 VISIBLE LIGHT REFLECTANCE INTERIOR: 10%
 SOLAR ENERGY REFLECTANCE: 30%
 WINTER NIGHTTIME U-VALUE: .29
 SUMMER DAYTIME U-VALUE: .26
 SHADING COEFFICIENT: .43
 SOLAR HEAT GAIN COEFFICIENT: .37

GENERAL NOTES

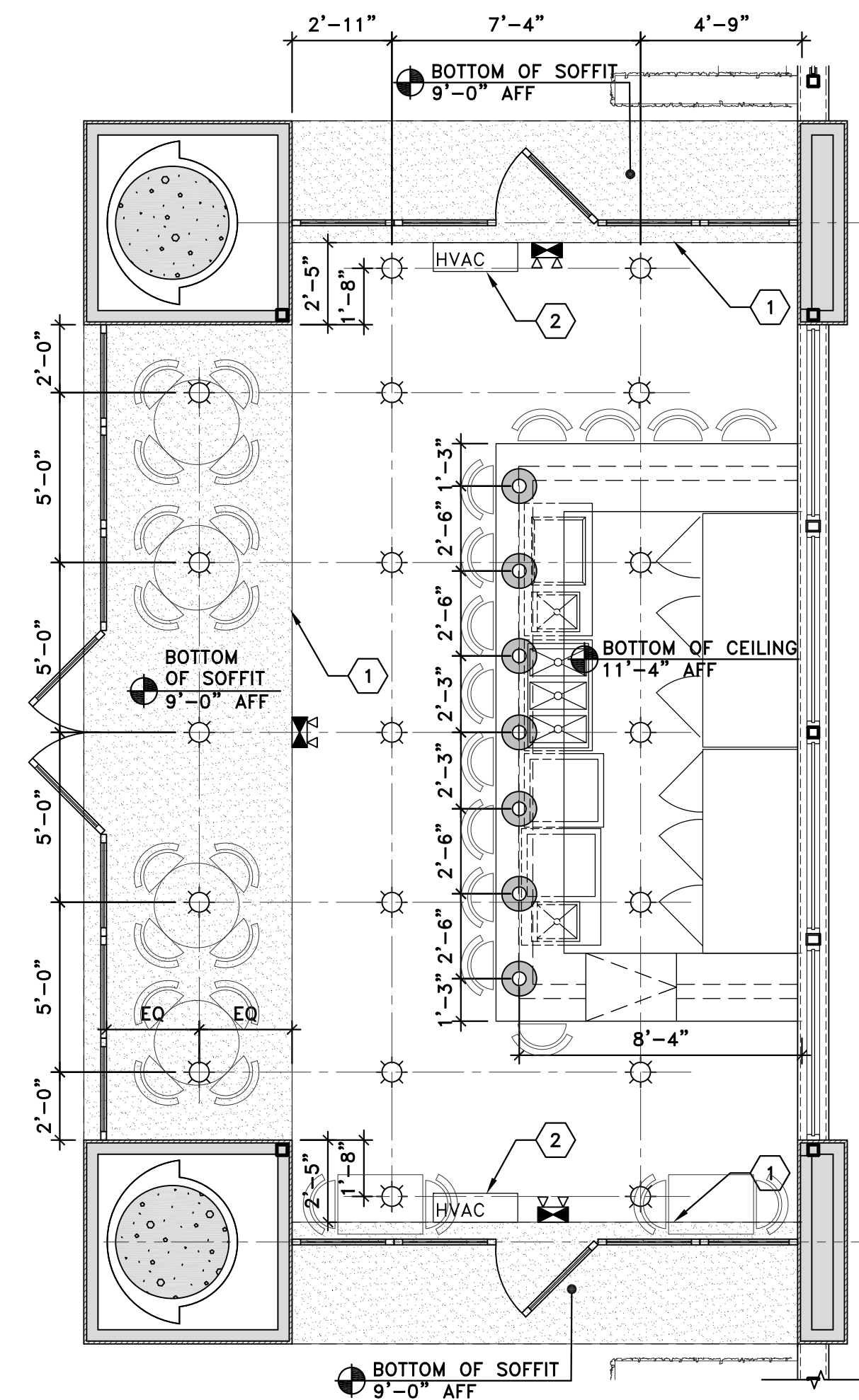
- GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY PROBLEMS WITH CEILING HEIGHTS OR LIGHT FIXTURES BEFORE FINISH CEILINGS ARE INSTALLED. IF THE CONTRACTOR FAILS TO DO SO, HE SHALL BE RESPONSIBLE FOR TAKING DOWN THE CEILING AND LIGHT FIXTURES AND REINSTALLING THEM IN A CONFIGURATION ACCEPTABLE TO THE ARCHITECT, AT NO ADDITIONAL COST.
- COORDINATE WORK WITH OTHER TRADES HAVING WORK IN THE CEILING INCLUDING, BUT NOT LIMITED TO, TELEPHONE, SECURITY, CABLE COMPANIES, ETC., WHEREVER THEIR RESPECTIVE WORK IS CONTIGUOUS.
- ALL MATERIALS SHALL HAVE CLASS I FLAME SPREAD RATING AND BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN SPECIFICATIONS AND CODES.
- SEE ENGINEERS DRAWINGS FOR LIGHTING AND MECHANICAL LAYOUTS. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES NOTED BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, OR BETWEEN ENGINEERING DISCIPLINES.
- COORDINATE LOCATION OF ALL LIGHT FIXTURES WITH OWNER PRIOR TO CONSTRUCTION
- ALL LIGHT FIXTURES TO BE PROVIDED BY OWNER.

CEILING FIXTURE LEGEND

⊙ A	PENDANT LIGHT
☼ C	SURFACE MOUNTED LIGHT FIXTURES
⚡ EEL	EXIT SIGN / EMERGENCY LIGHT

KEYED NOTES:

- GYPSUM BOARD CEILING - PAINT PER OWNERS RECOMMENDATIONS.
- HVAC UNIT, SEE MECHANICAL SHEETS.

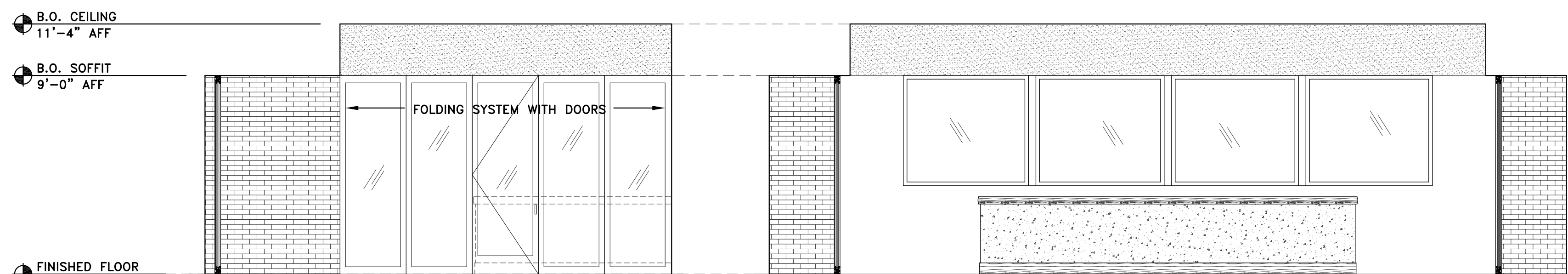


1 ENCLOSED LOUNGE FLOOR PLAN

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

2 ENCLOSED LOUNGE REFLECTED CEILING PLAN

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

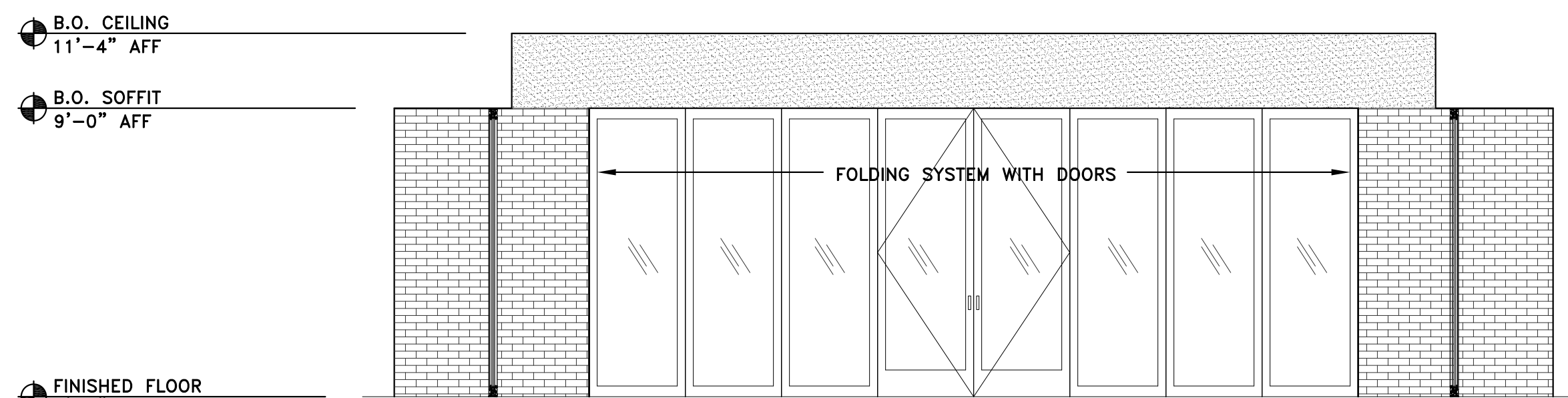


A INTERIOR ELEVATION

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

B INTERIOR ELEVATION

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



C INTERIOR ELEVATION

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

01640

DATE	RELEASE
08.01.17	RELEASED FOR CONSTRUCTION

CHECKED BY: A.K.
 DRAWN BY: A.O.

NOTE: THESE DRAWINGS ARE THE PROPERTY OF ARE KOHN ARCHITECTS, P.C. AND SHALL NOT BE USED, REPRODUCED, AND/OR MODIFIED WITHOUT WRITTEN CONSENT FROM ARE KOHN ARCHITECTS, P.C.

PROJECT FOR:
FIKRET KOVAC
3871 TRICKUM ROAD NE
MARIETTA, GA 30066
[404] 456-2329

ARE KOHN ARCHITECTS, P.C.
 74 WOODSTOCK ROAD, ROSWELL, GA 30075
 TEL. (770) 642-9030 FAX. (770) 642-3755
 EMAIL: info@akohmarch.com



3500 LENOX ROAD NE, SUITE 100 PROJECT: 01640
 ATLANTA, GA 30326 DATE: 08/01/17
ALTERATION OF EXISTING RESTAURANT
LITTLE ALLEY STEAK RESTAURANT
 ENCLOSED LOUNGE FLOOR AND CEILING PLAN

A-2.1

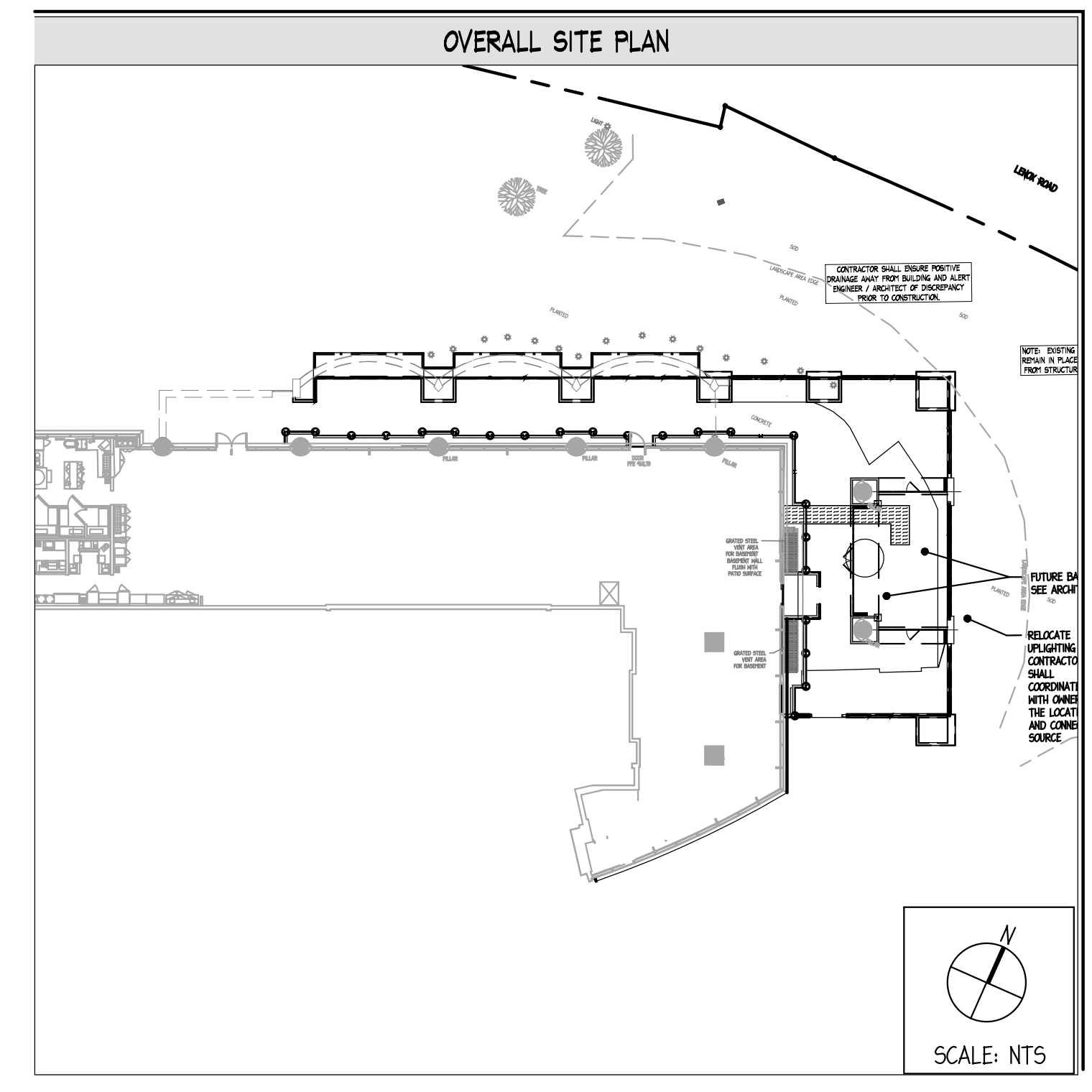
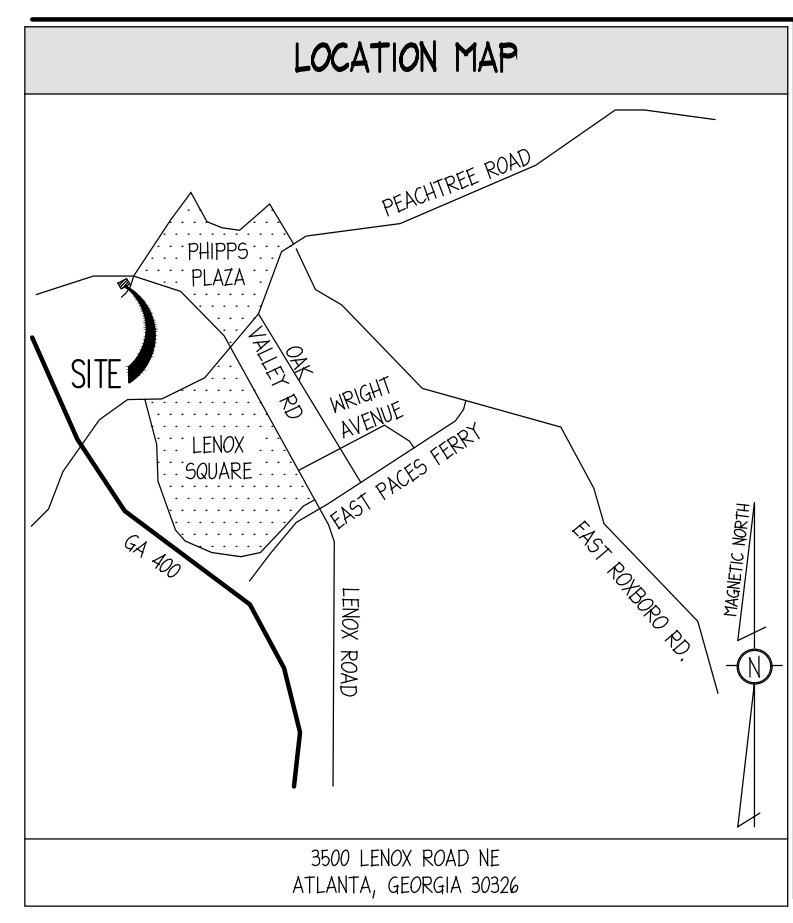
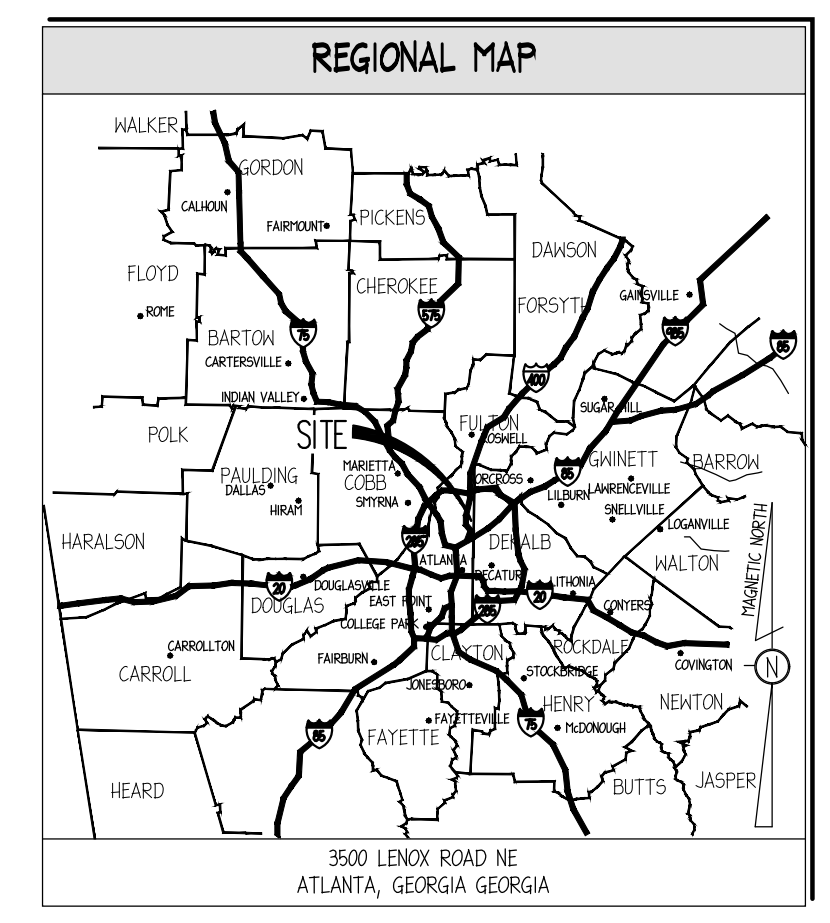
PATIO / TERRACE PLANS FOR:

PROJECT CONTACTS			
DEVELOPER LITTLE ALLEY STEAK MR. FIKRET KOVAC 3871 TRICKUM ROAD MARIETTA, GEORGIA 30066 PHONE: (404) 456-2329	CIVIL ENGINEER INGENIUM ENTERPRISES, INC. MR. ERIC HOUSTON 221 ROSWELL STREET, SUITE 100 ALPHARETTA, GA 30009 PHONE: (770) 437-8850	ARCHITECT ARIE KOHN ARCHITECTS, PC MR. ALON OPANDOVIC 74 WOODSTOCK RD. ROSNELL, GA 30075 PHONE: (770) 642-9030	LAND SURVEYOR D&S LAND SURVEYING 60 NORTH STREET CANTON, GA 30114 PHONE: (770) 720-4443

LITTLE ALLEY STEAK
3500 LENOX ROAD NE
LAND LOT 45 DISTRICT 17,
FULTON, ATLANTA, GEORGIA

PREPARED BY:
ingenium
ENTERPRISES
PLANNING & ENGINEERING

PREPARED FOR:
LITTLE ALLEY STEAK
3871 TRICKUM ROAD
MARIETTA, GEORGIA 30066
PHONE: (404) 456-2329



SITE INFORMATION	
JURISDICTION: CITY OF ATLANTA, GEORGIA FULTON COUNTY	
ZONING: ZONING	
SITE AREA CALCULATIONS: SITE: 1.06 AC. PERVIOUS AREA: 1.02 AC. IMPERVIOUS AREA: 1.04 AC. DISTURBED AREA: 1.06 AC.	
FLOOD HAZARD: NO PORTION OF THIS PROPERTY IS LOCATED IN A SPECIAL FLOOD AREA AS PER F.U.R.M. MAP NO. 1362C025F, DATED 09/18/2013.	
EXISTING INFORMATION: PROVIDED BY D&S LAND SURVEYING, DATED 2/24/17 (SEE SHEET C02.0).	

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES (LOCATIONS AND ELEVATIONS) PRIOR TO STARTING CONSTRUCTION AND ALERT ENGINEER TO ANY DISCREPANCIES IMMEDIATELY.

CONTRACTOR SHALL PROTECT ALL ITEMS OUTSIDE LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE CONSTRUCTION PLANS OR SPECIFICATIONS.

THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL LOCAL, STATE, AND FEDERAL CERTIFICATION AND LICENSING REQUIREMENTS FOR CONSTRUCTION, INCLUDING BUT NOT LIMITED TO: LAND DISTURBANCE PERMITS, BUILDING PERMITS, DEMOLITION PERMITS, NPDES PERMITS, DEWATERING PERMITS, ETC.

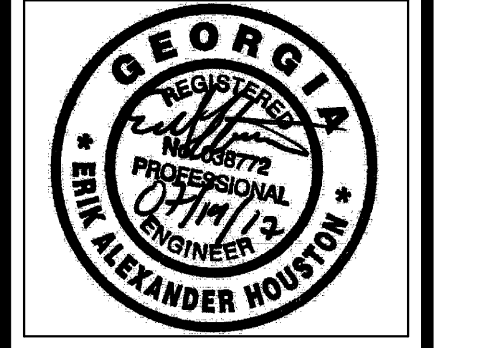
24-HOUR CONTACT:
LITTLE ALLEY STEAK
(678) 555-0880



SHEET INDEX				
NO.	TITLE	ISSUE TO CLIENT TO CONSTRUCTION	ISSUE TO CLIENT FOR PERMIT	ISSUE TO CLIENT FOR PERMIT
C01.0	COVER SHEET	●	●	●
C01.1	GENERAL NOTES	●	●	●
C02.0	TOPGRAPHIC SURVEY (BY OTHERS)	●	●	●
C02.1	DEMOLITION PLAN	●	●	●
C03.0	OVERALL SITE PLAN	●	●	●
C03.1	SITE PLAN	●	●	●
C03.2	SITE PLAN	●	●	●
C03.3	STAKING PLAN	●	●	●
C04.0	UTILITY PLAN	●	●	●
C04.1	UTILITY DETAILS I	●	●	●
C04.2	PIPE PROFILES I	●	●	●
C05.1	GRADING AND DRAINAGE PLAN	●	●	●
C05.2	GRADING AND DRAINAGE PLAN	●	●	●
C06.0	ESPC PLAN	●	●	●
C06.1	ESPC DETAILS I	●	●	●
C06.2	ESPC DETAILS II	●	●	●



ingenium
ENTERPRISES
PLANNING & ENGINEERING
221 ROSWELL STREET
SUITE 100
ALPHARETTA, GA 30009
770.437.8850
WWW.INGENIUMTEAM.COM



PLANS FOR:

LITTLE ALLEY STEAK
3500 LENOX ROAD NE
ATLANTA, GEORGIA

CLIENT:

LITTLE ALLEY STEAK
3871 TRICKUM ROAD
MARIETTA, GEORGIA 30066
PHONE: (404) 456-2329

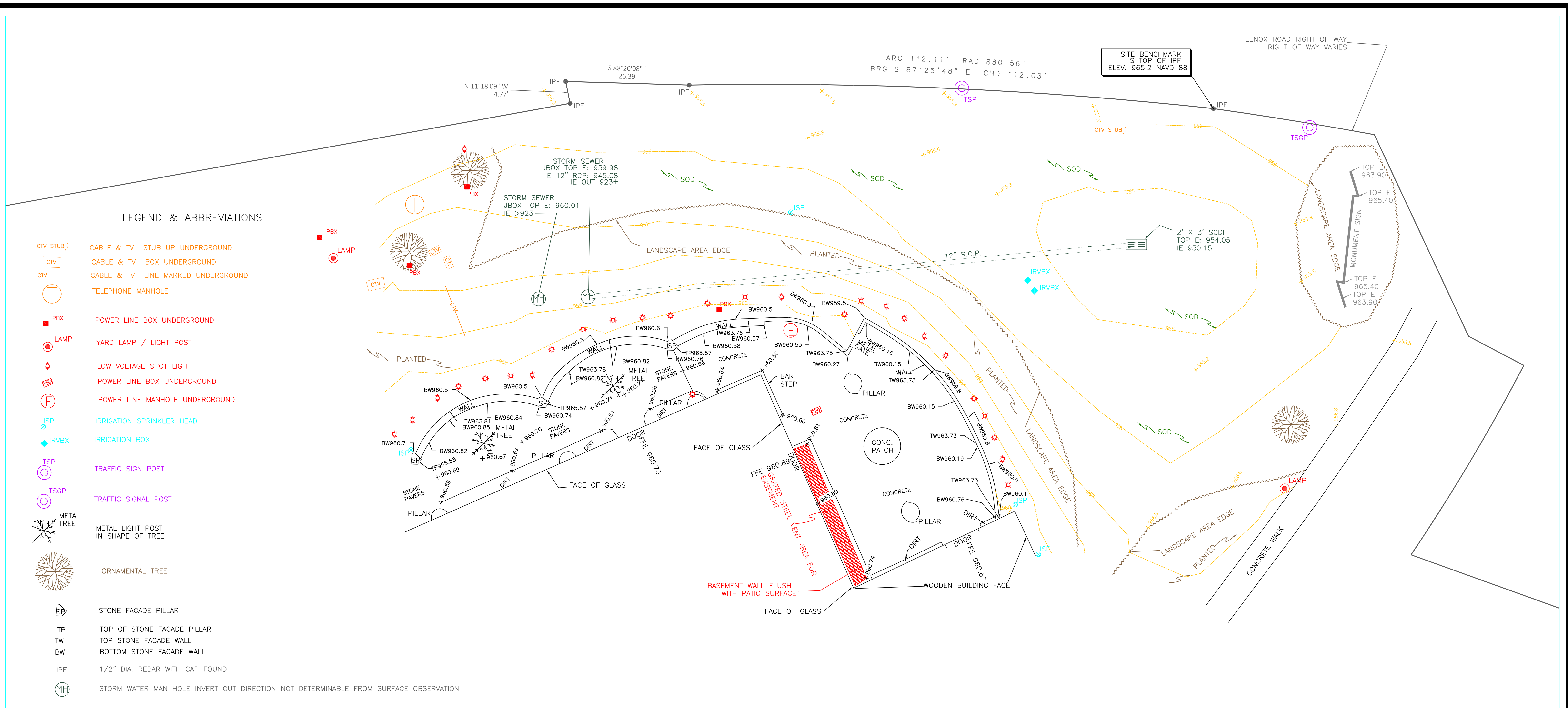
REVISION HISTORY	
03/16/2017	ISSUE TO CLIENT FOR PERMIT
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03/16/2017	ISSUE TO CLIENT FOR PERMIT

THE CIVIL ENGINEER REGULARLY UPDATES ELECTRONIC FILES DURING THE DEVELOPMENT OF A PROJECT. AS A RESULT, THE DATA INCLUDED IN ANY CAD FILE OR DRAWING PRIOR TO ITS FINAL RELEASE DOES NOT NECESSARILY REFLECT THE COMPLETE SCOPE OR CONTENT AS DEFINED IN THE CONTRACT. THE CONTENTS IN THESE FILES MAY THEREFORE BE PRELIMINARY, INCOMPLETE, WORK IN PROGRESS, AND SUBJECT TO CHANGE. FURTHERMORE, THE INFORMATION CONTAINED HEREIN IS THE SOLE PROPERTY OF THE CIVIL ENGINEER. THE ORIGINAL LOGS REPRESENTED HERE BY THIS REVISION HISTORY SHALL NOT BE USED, ALTERED, OR REPRODUCED IN ANY MANNER WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE CIVIL ENGINEER. THESE PLANS ARE SUBJECT TO FEDERAL COPYRIGHT LAWS. ANY USE OF SAME WITHOUT EXPRESSED WRITTEN PERMISSION OF THE CIVIL ENGINEER IS PROHIBITED.

PROJ # | 16030
DWG NAME | 16030_C01.DWG
ISSUE DATE | 02/10/2017
PROJ TGR | LEAH

COVER SHEET
C01.0
SHEET NUMBER

ISSUE FOR CONSTRUCTION

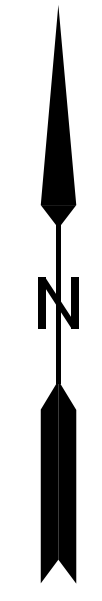


LEGEND & ABBREVIATIONS

- CTV STUB: CABLE & TV STUB UP UNDERGROUND
- CTV BOX: CABLE & TV BOX UNDERGROUND
- CTV LINE: CABLE & TV LINE MARKED UNDERGROUND
- T: TELEPHONE MANHOLE
- PBX: POWER LINE BOX UNDERGROUND
- LAMP: YARD LAMP / LIGHT POST
- SPOT LIGHT: LOW VOLTAGE SPOT LIGHT
- PBX: POWER LINE BOX UNDERGROUND
- E: POWER LINE MANHOLE UNDERGROUND
- ISP: IRRIGATION SPRINKLER HEAD
- IRVBX: IRRIGATION BOX
- TSP: TRAFFIC SIGN POST
- TSGP: TRAFFIC SIGNAL POST
- METAL TREE: METAL LIGHT POST IN SHAPE OF TREE
- ORNAMENTAL TREE: ORNAMENTAL TREE
- SP: STONE FACADE PILLAR
- TP: TOP OF STONE FACADE PILLAR
- TW: TOP STONE FACADE WALL
- BW: BOTTOM STONE FACADE WALL
- IPF: 1/2" DIA. REBAR WITH CAP FOUND
- MH: STORM WATER MAN HOLE INVERT OUT DIRECTION NOT DETERMINABLE FROM SURFACE OBSERVATION

PLEASE NOTE:
THREE WORKING DAYS BEFORE YOU DIG IN GEORGIA CALL UTILITIES PROTECTION CENTER, INC. 1-800-282-7411 OR 811 IT'S THE LAW!

UNDERGROUND OVERHEAD



SURVEY NOTES

THIS PLAT IS A TOPOGRAPHIC AND AS-BUILT SURVEY OF A LIMITED AREAS WITHIN THE BOUNDARY OF FULTON COUNTY TAX PARCEL 17 004500010430 BOUNDARY INFORMATION IS LIMITED TO THE BOUNDARIES DEPICTED AND ONLY WARRANTED FOR THOSE LINES. ALL TOPOGRAPHIC INFORMATION MEETS OR EXCEEDS THE MINIMUM TECHNICAL STANDARDS FOR TOPOGRAPHIC SURVEYS IN THE STATE OF GEORGIA.

THE EQUIPMENT USED FOR FIELD MEASUREMENTS IS A GEOMAX ROBOTIC TOTAL STATION.

THE BEARING BASIS FOR THIS MAP IS SUBJECT PROPERTY DEEDBOOK 52811,M PAGE 636.

ALL, IF ANY EXIST, WETLANDS ARE UNDER THE JURISDICTION OF THE CORPS OF ENGINEERS AND/OR THE DEPT. OF NATURAL RESOURCES. THERE ARE NO APPARENT WETLANDS.

THE LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON IS BASED ON ABOVE GROUND STRUCTURES AND INFORMATION SUPPLIED TO THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES OR STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES OR STRUCTURES MAY EXIST. THE SURVEYOR MAKES NO CERTIFICATION AS TO THE ACCURACY AND COMPLETENESS OF THE LOCATIONS SHOWN HEREON.

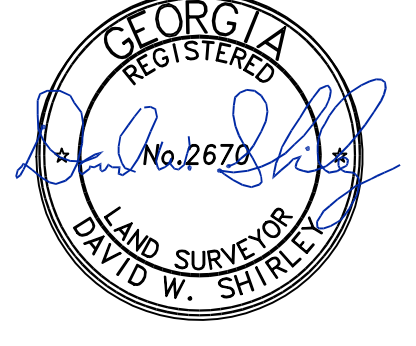
THE TOPOGRAPHIC CONTOURS SHOWN ON THIS PLAT ARE AT A ONE FOOT AND ARE BASED UPON A FIELD SURVEY.

THE LAST DAY OF FIELD WORK WAS 2-01-2017. THE FIELDWORK WAS DONE BY DWS. DRAWN BY DWS

THE BASIS FOR THE ELEVATIONS SHOWN IS NAVD 88 AND DERIVED FROM A GPS OBSERVATION USING A GNSS RECEIVER.

DRAWING SCALE: 1" = 10'
GRAPHIC SCALE: 0' 10' 20'

The survey was prepared in conformity with the Technical Standards for Property Surveys in Georgia as set forth in Chapter 180-7 of the Rules of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in the Georgia Plat Act O.C.G.A. 15-6-67



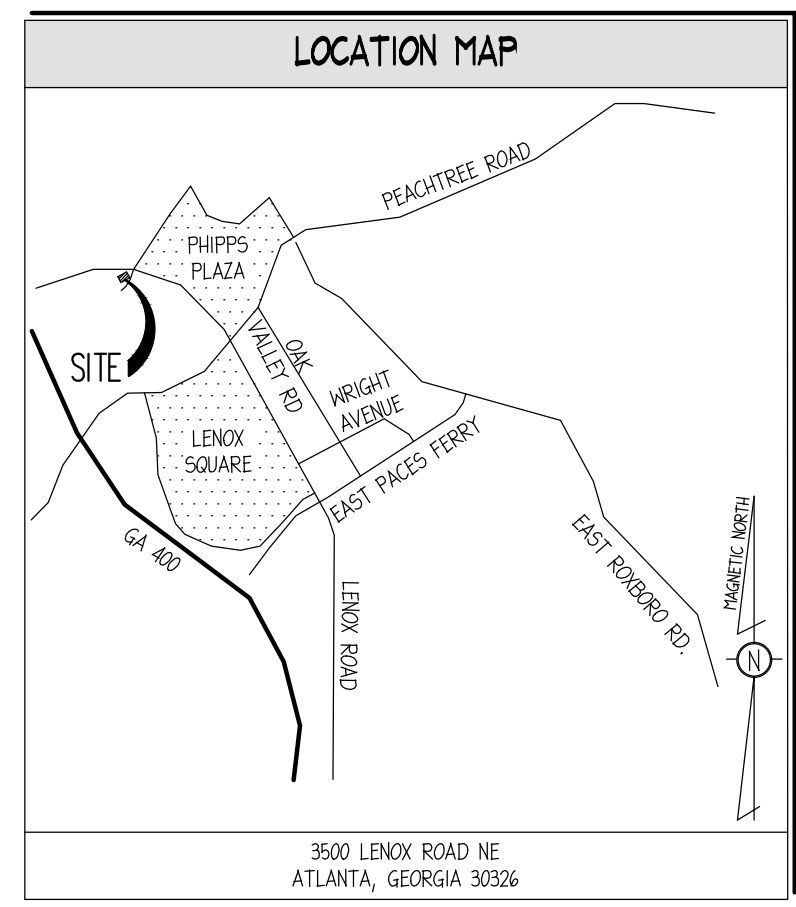
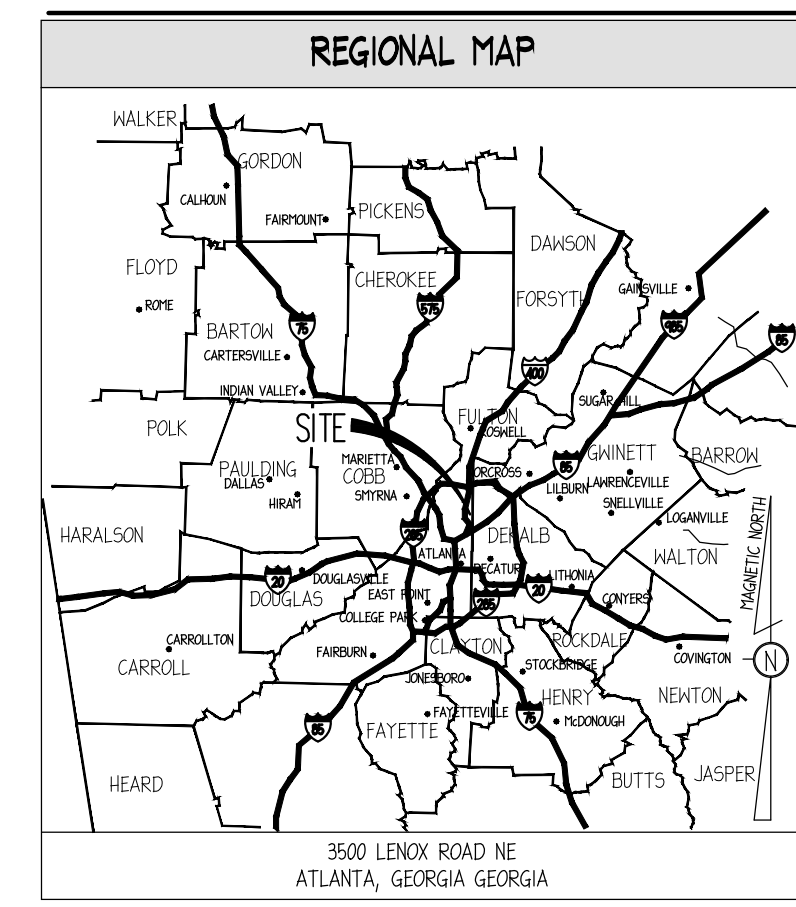
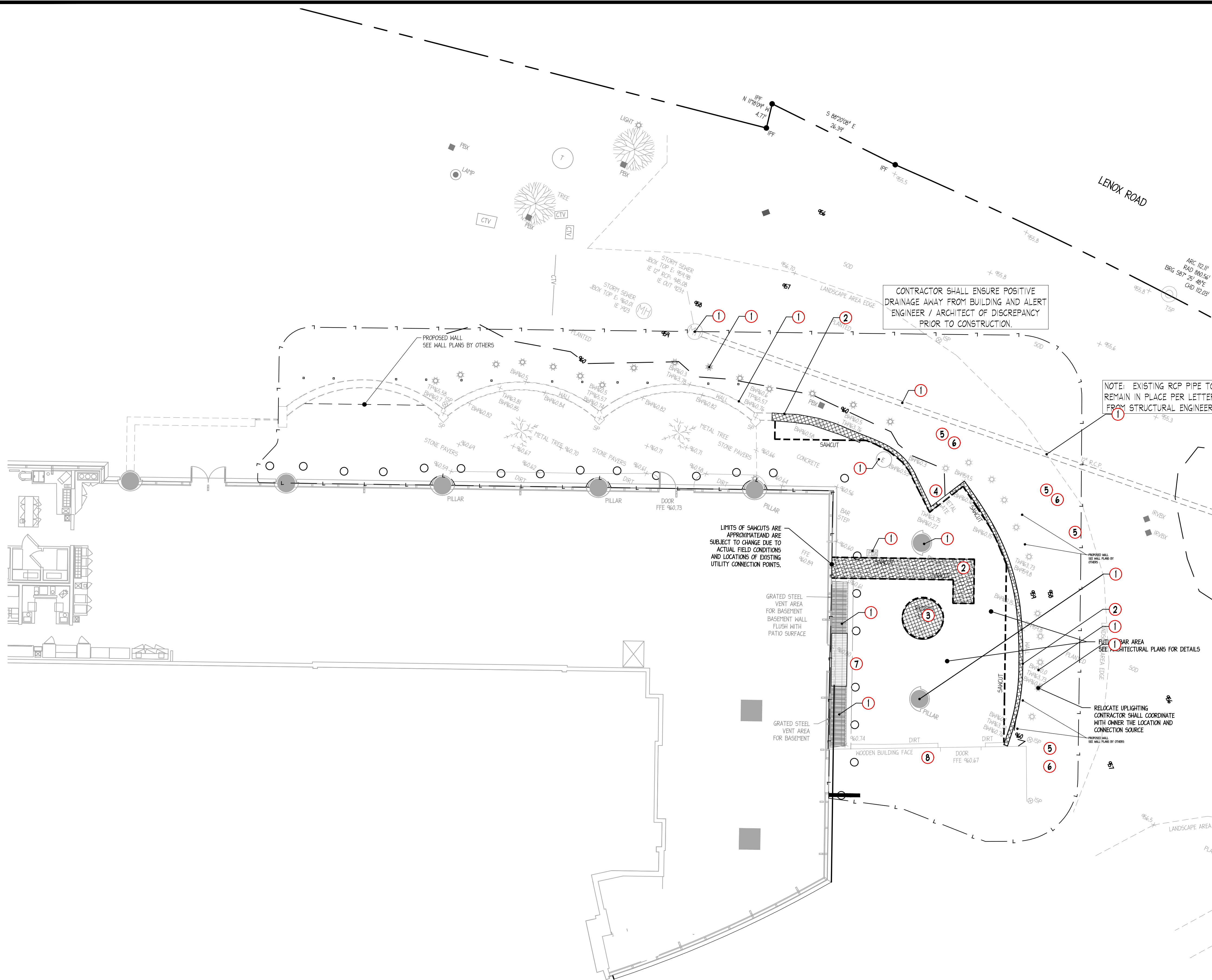
REVISIONS		
NO.	DATE	DESCRIPTION
0	2/03/2017	SURVEY ISSUED

LAND LOT - 45
DISTRICT - 17
FULTON COUNTY, GEORGIA

PLAT OF AS-BUILT AND TOPOGRAPHIC SURVEY OF:
LIMITED AREA
OF
LA STEAKHOUSE SITE
AT
3500 LENOX ROAD
ATLANTA, GEORGIA

PREPARED BY:
D&S LAND SURVEYING
160 NORTH ST., PO BOX 4968, CANTON, GA 30114
770 720-4443 (Office)
DSSURVEYMAILBOX@GMAIL.COM LSF#765

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DEMOLITION LEGEND

1. PROTECT ALL ITEMS DURING ALL PHASES OF CONSTRUCTION (SEE GENERAL DEMOLITION NOTE #1). THE CONTRACTOR SHALL ENSURE THE INTEGRITY OF ALL ITEMS DENOTED TO BE PROTECTED THAT ARE ADJACENT TO ITEMS DENOTED TO BE DEMOLISHED AND WILL SAFELY REPAIR ANY SUCH ITEMS TO THE REQUIRED JURISDICTIONAL STANDARDS.
2. SAW CUT TO NEAREST JOINT AND REMOVE EXISTING CONCRETE AND ASSOCIATED APPURTENANCES INCLUDING, BUT NOT LIMITED TO CONCRETE, REINFORCEMENT, FOOTINGS, FOUNDATION, RAILING, STONE BACKFILL, AND STONE BASE.
3. REMOVE EXISTING LOGO. CONTRACTOR SHALL COORDINATE WITH THE OWNER TO REPLACE IMPACTED AREA WITH NEW SURFACE.
4. CONTRACTOR SHALL REMOVE GATE, FENCING, HARDWARE, AND ASSOCIATED APPURTENANCES. CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR RELOCATION REQUIREMENTS. SEE DEMOLITION NOTE 3.
5. CONTRACTOR SHALL RELOCATE LIGHTING, CONNECTED CONDUIT, WIRING, AND ASSOCIATED APPURTENANCES. SEE DEMOLITION NOTE 3.
6. CONTRACTOR SHALL REMOVE AND OR RELOCATE LANDSCAPING, IRRIGATION HEADS, CONNECTED CONDUIT, WIRING, AND ALL ASSOCIATED APPURTENANCES AS PER THE OWNER'S DIRECTION. SEE DEMOLITION NOTE 3.
7. CONTRACTOR SHALL REMOVE GRATE, HARDWARE, AND ASSOCIATED APPURTENANCES. CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR TIMING, SEQUENCE, AND DISPOSAL OF MATERIALS. SEE DEMOLITION NOTE 3.
8. CONTRACTOR SHALL REMOVE WOOD HALL, DOOR, WINDOW, FLOOR COVERINGS, HARDWARE, AND ASSOCIATED APPURTENANCES. CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR TIMING, SEQUENCE, AND DISPOSAL OF MATERIALS. SEE DEMOLITION NOTE 3.

GENERAL DEMOLITION NOTES

1. ALL ITEMS TO BE PROTECTED SHALL BE PROTECTED THROUGHOUT ALL PHASES OF CONSTRUCTION UNTIL FINAL ACCEPTANCE BY CITY OF ATLANTA/PULCON COUNTY IS RECEIVED.
2. CONTRACTOR TO COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS WITH ALL DEMOLITION ACTIVITIES. IF ADDITIONAL REQUIREMENTS ARE REQUIRED FOR HAZARDOUS WASTE REMOVAL INCLUDING BUT NOT LIMITED TO ASBESTOS, SEPTIC FIELDS, LEAD, PCB, TCE, OR OTHER WASTE OR CONTAMINANT, IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH PERMITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. CONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES CONCERNING THE ABANDONMENT, RELOCATION AND/OR DEMOLITION OF UTILITIES PRIOR TO CONSTRUCTION. NO WORK IS TO BE PERFORMED ON LIVE LINES UNLESS APPROVED IN WRITING BY THE UTILITY IN ALL CASES. A REPRESENTATIVE FROM THE UTILITY SHALL BE PRESENT FOR INITIAL ABANDONMENT AND/OR LIVE CUTS. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR UTILITIES AND SHALL PROTECT THEM AT ALL TIMES.
4. CONTRACTOR IS RESPONSIBLE FOR PROCUREMENT OF ALL NECESSARY PERMITS.
5. DEMOLITION SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, HAULING, PERMITTING, FEES, AND COORDINATION WITH PUBLIC AND/OR PRIVATE UTILITY REQUIRED TO REMOVE AND PROPERLY DISPOSE OF ANY ITEM NECESSARY TO PERFORM THE REQUIRED DEMOLITION AS INDICATED ON THE PLANS.
6. RELOCATION SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, HAULING, PERMITTING, FEES, AND COORDINATION WITH PUBLIC AND/OR PRIVATE UTILITY REQUIRED TO REMOVE, RELOCATE, AND INSTALL NEW ITEMS AS INDICATED ON THE PLANS.
7. ABANDONMENT SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS, PERMITTING, FEES, AND COORDINATION WITH PUBLIC AND/OR PRIVATE UTILITY REQUIRED TO ADEQUATELY ABANDON ITEMS AS INDICATED ON THE PLANS.
8. THE CONTRACTOR SHALL COORDINATE ALL TREE AND LANDSCAPE REMOVAL WITH THE LANDSCAPE PLANS. ANY DISCREPANCY BETWEEN THIS DEMOLITION PLAN AND THE LANDSCAPE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER IMMEDIATELY.
9. THE CONTRACTOR IS FULLY AND COMPLETELY RESPONSIBLE FOR LOCATION, VERIFICATION, PROTECTION, STORAGE, MAINTENANCE, DEMOLITION, REMOVAL, RELOCATION OR ALTERATION OF ALL EXISTING SITE UTILITIES, SITE IMPROVEMENTS, STRUCTURES, OR CONSTRUCTION ELEMENTS AS REQUIRED TO COMPLETE THE WORK THAT ARE SHOWN ON THE PLANS AND OR THAT ARE OBSERVABLE IN THE FIELD, WHETHER CONSPICUOUSLY VISIBLE OR NOT. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING IMPROVEMENTS, UTILITIES, AND SITE CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION.
10. THIS DEMOLITION PLAN IS FOR GRAPHICAL REFERENCE ONLY. ITEMS NOT DEPICTED ON THESE PLANS MAY BE REQUIRED TO BE PROTECTED, REMOVED, OR RELOCATED. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE LOCATIONS OF ALL EXISTING STRUCTURES, UTILITIES, AND APPURTENANCES WITHIN THE LIMITS OF CONSTRUCTION. DEMOLITION INCLUDES BUT IS NOT LIMITED TO THE ITEMS SHOWN ON THIS PLAN.
11. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR ANY EXISTING UNDERGROUND OR OVERHEAD UTILITIES.
12. SAWCUT DIMENSIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD STAKE AND CONSULT ENGINEER TO VERIFY PRIOR TO CONSTRUCTION.

CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE AWAY FROM BUILDING AND ALERT ENGINEER / ARCHITECT OF DISCREPANCY PRIOR TO CONSTRUCTION.

NOTE: EXISTING RCP PIPE TO REMAIN IN PLACE PER LETTER FROM STRUCTURAL ENGINEER

LIMITS OF SAWCUTS ARE APPROXIMATE AND ARE SUBJECT TO CHANGE DUE TO ACTUAL FIELD CONDITIONS AND LOCATIONS OF EXISTING UTILITY CONNECTION POINTS.

GRATED STEEL VENT AREA FOR BASEMENT. FLUSH WITH PATIO SURFACE.

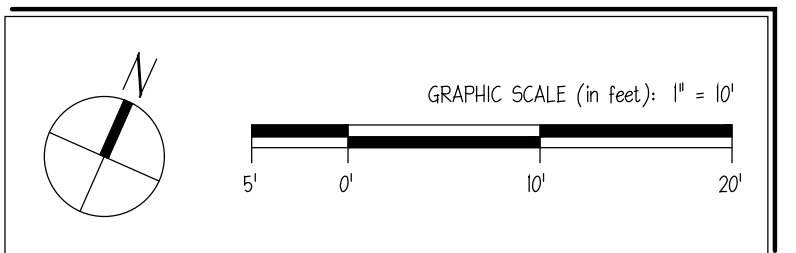
GRATED STEEL VENT AREA FOR BASEMENT.

RELOCATE LIGHTING. CONTRACTOR SHALL COORDINATE WITH OWNER THE LOCATION AND CONNECTION SOURCE.

CONTRACTOR SHALL PROTECT ALL ITEMS OUTSIDE LIMITS OF CONSTRUCTION UNLESS OTHERWISE NOTED IN THE CONSTRUCTION PLANS OR SPECIFICATIONS.

CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES (LOCATIONS AND ELEVATIONS) PRIOR TO STARTING CONSTRUCTION AND ALERT ENGINEER TO ANY DISCREPANCIES IMMEDIATELY.

24-HOUR CONTACT:
LITTLE ALLEY STEAK
(678) 555-0880



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221 ROSWELL STREET
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ALPHARETTA, GA 30009
770.457.8850
WWW.INGENIUMTEAM.COM



LITTLE ALLEY STEAK
3500 LENOX ROAD NE
ATLANTA, GEORGIA

CLIENT:
LITTLE ALLEY STEAK
3871 TRICKUM ROAD
MARIETTA, GEORGIA 30066
PHONE: (404) 456-2329

NO.	DATE	DESCRIPTION
1	02/10/2017	ISSUE FOR CONSTRUCTION
2	03/16/2017	REVISED PER COMMENTS

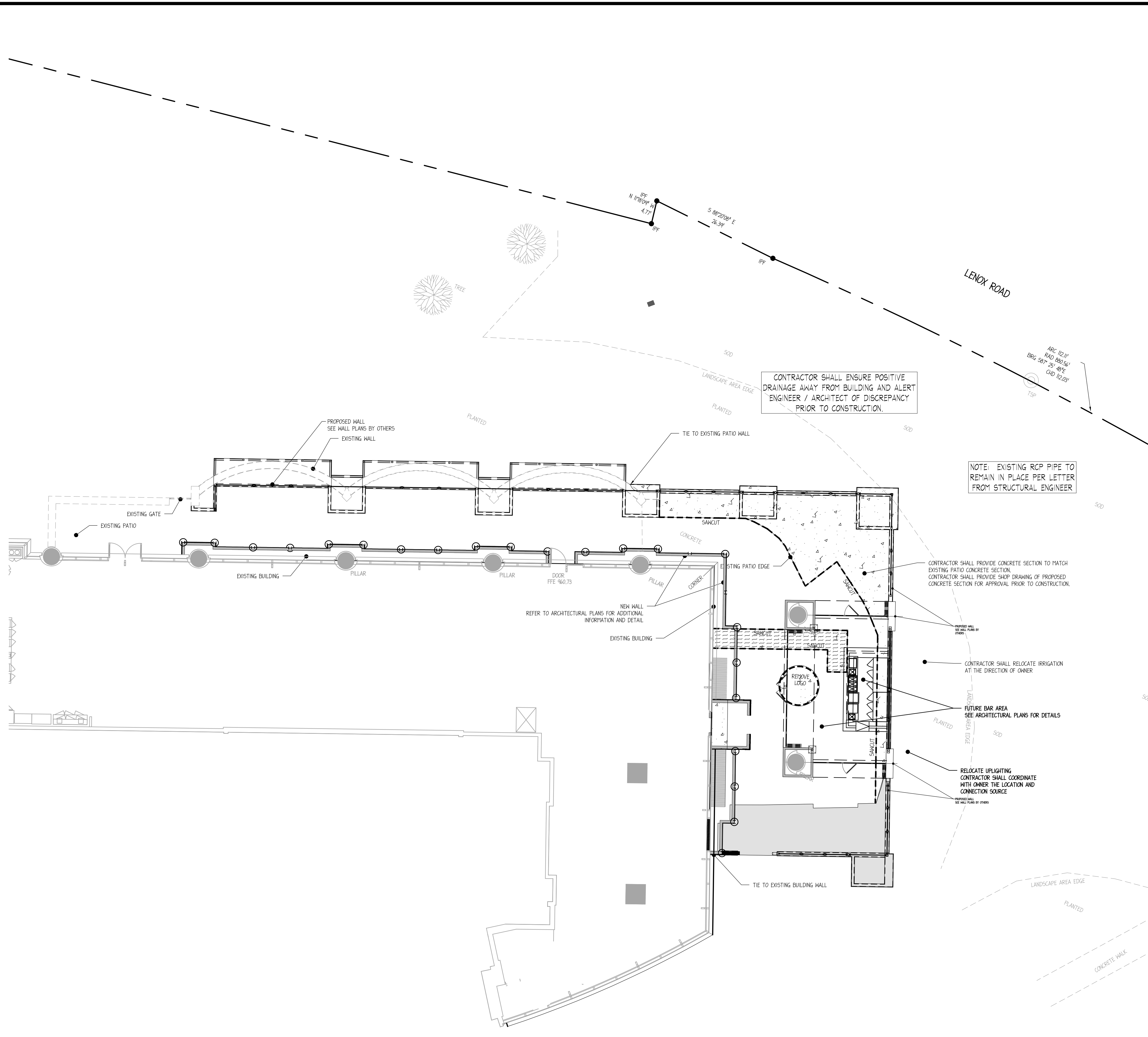
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PROJ # 160301
DWG NAME 160301_CO2.DWG
ISSUE DATE 02/10/2017
PROJ TGR: EAH

DEMOLITION PLAN

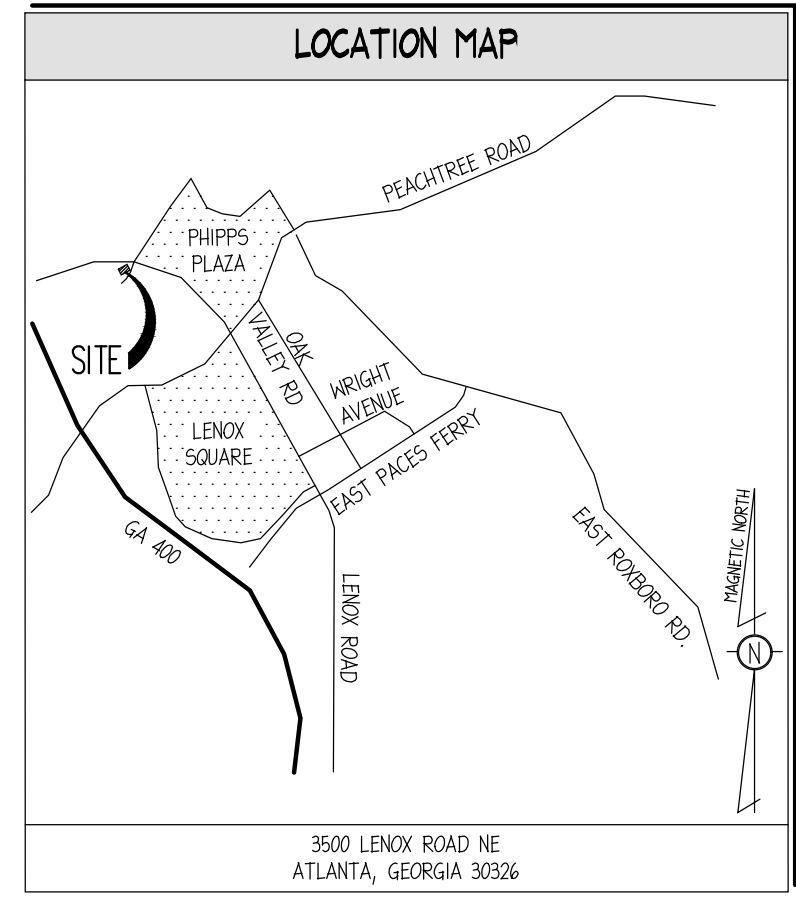
CO2.1
SHEET NUMBER

ISSUE FOR CONSTRUCTION



PAVING LEGEND

	NEW CONCRETE
	SAWCUT AND REPLACE CONCRETE FOR UTILITY INSTALLATION
* BOTH CONCRETE SECTION SHALL MATCH EXISTING CONCRETE SECTIONS	



SITE INFORMATION

JURISDICTION: CITY OF ATLANTA, GEORGIA
FULTON COUNTY

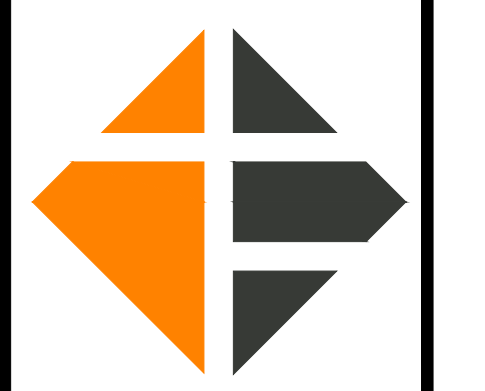
ZONING: ZONING

SITE AREA CALCULATIONS:
SITE: ±.06 AC.
PERVIOUS AREA: ±.02 AC.
IMPERVIOUS AREA: ±.04 AC.
DISTURBED AREA: ±.06 AC.

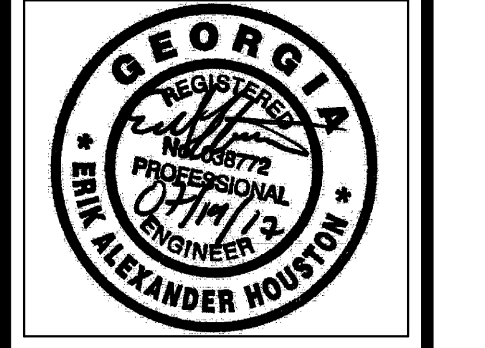
FLOOD HAZARD:
NO PORTION OF THIS PROPERTY IS LOCATED IN A SPECIAL FLOOD AREA AS PER F.I.R.M. MAP NO. B12K225F, DATED 09/16/2013.

EXISTING INFORMATION:
PROVIDED BY DLS LAND SURVEYING, DATED 2/9/17 (SEE SHEET C02.0).

- ### SITE NOTES
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 9. SEE SHEET C01.0 FOR GENERAL NOTES.



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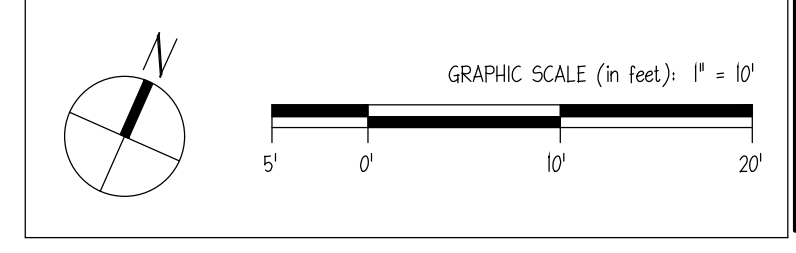


LITTLE ALLEY STEAK
3500 LENOX ROAD NE
ATLANTA, GEORGIA

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**24-HOUR CONTACT:
LITTLE ALLEY STEAK
(678) 555-0880**



CLIENT:
LITTLE ALLEY STEAK
3871 TRICKUM ROAD
MARIETTA, GEORGIA 30066
PHONE: (404) 456-2329

REVISION HISTORY

01/31/2017	03/16/2017
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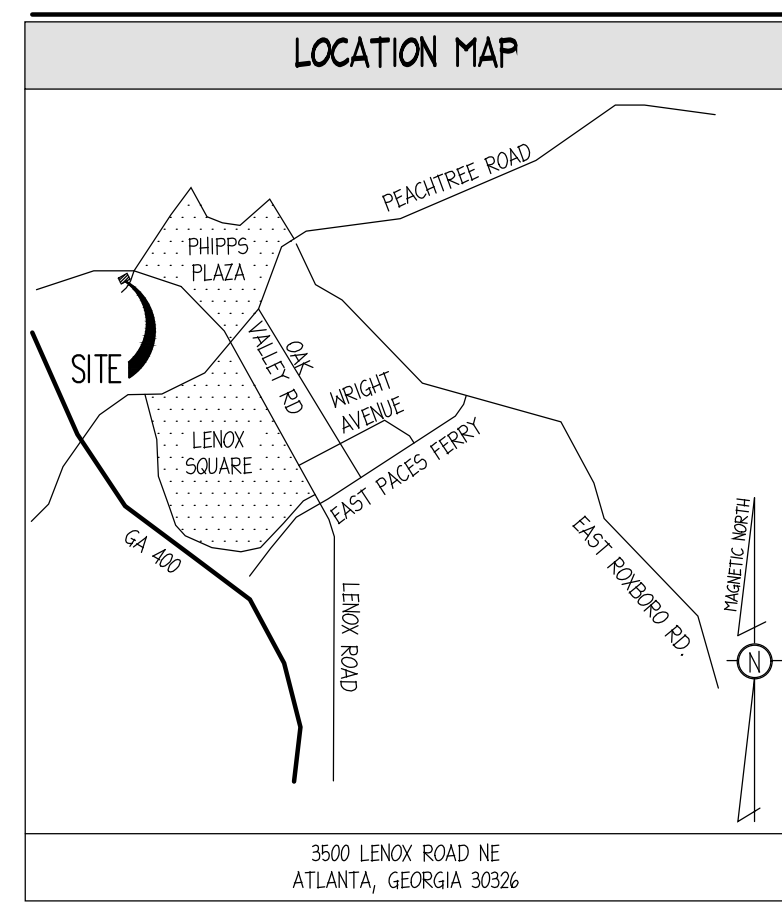
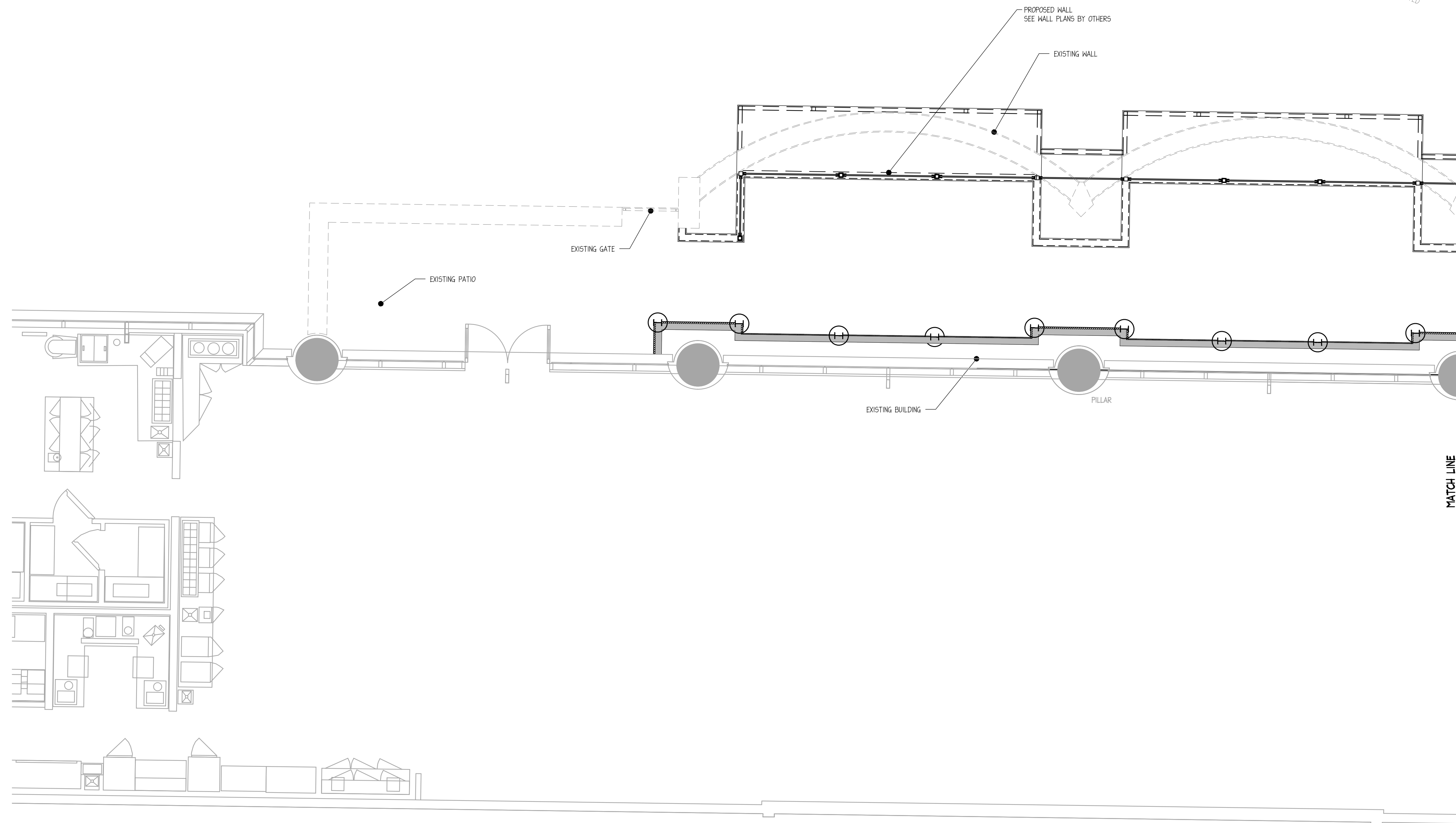
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PROJ # 16030
DWG NAME 16030_C03.DWG
ISSUE DATE 02/10/2017
PROJ TGR: LEAH

OVERALL SITE PLAN

C03.0
SHEET NUMBER

ISSUE FOR CONSTRUCTION



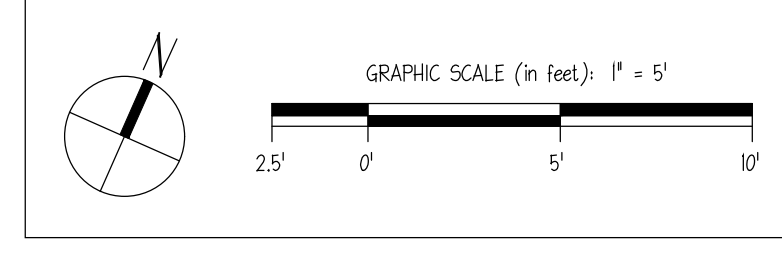
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NOTE:
ROOF AND ROOF STRUCTURE NOT SHOWN ON THIS SHEET FOR CLARITY.

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(678) 555-0880**



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**LITTLE ALLEY STEAK
3500 LENOX ROAD NE
ATLANTA, GEORGIA**

CLIENT:
LITTLE ALLEY STEAK
3871 TRICKUM ROAD
MARIETTA, GEORGIA 30066
PHONE: (404) 456-2329

REVISION HISTORY

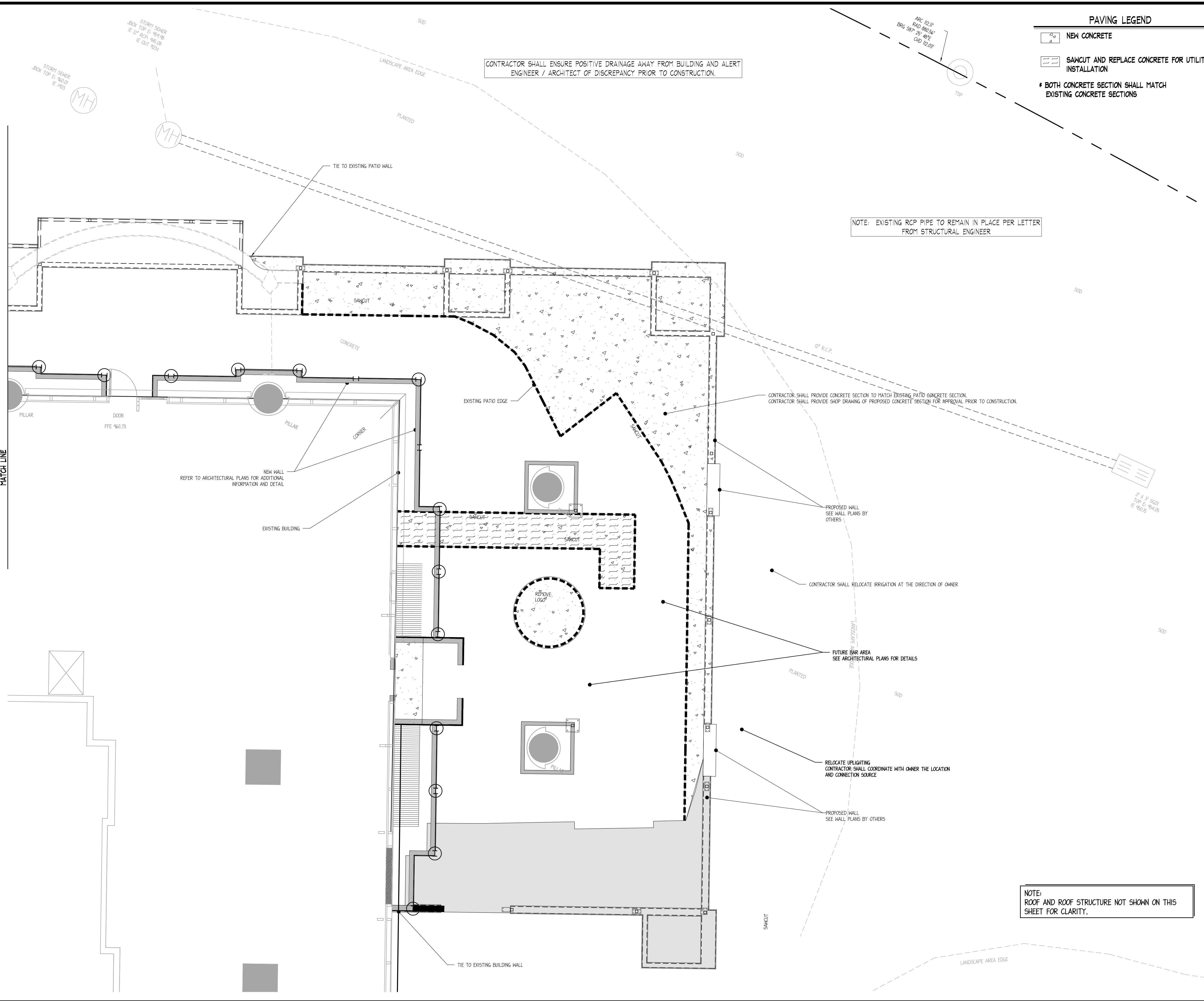
01/31/2017	01/31/2017
02/16/2017	02/16/2017

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PROJ # 16030
DWG NAME 16030_C03.DWG
ISSUE DATE 02/10/2017
PROJ TGR: LEA

SITE PLAN
C03.1
SHEET NUMBER

ISSUE FOR CONSTRUCTION



PAVING LEGEND

- NEW CONCRETE
- SAWCUT AND REPLACE CONCRETE FOR UTILITY INSTALLATION
- * BOTH CONCRETE SECTION SHALL MATCH EXISTING CONCRETE SECTIONS

LOCATION MAP

3500 LENOX ROAD NE
ATLANTA, GEORGIA 30326

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 - SEE SHEET C03.1 FOR GENERAL NOTES.

REFER TO WALL PLANS (BY OTHERS) FOR ADDITIONAL INFORMATION AND TO AVOID CONFLICTS WITH NEW PATIO INSTALLATION PRIOR TO CONSTRUCTION.

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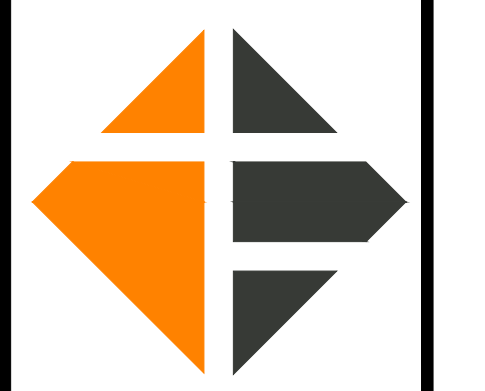
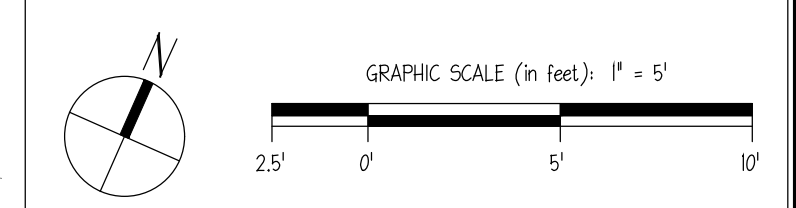
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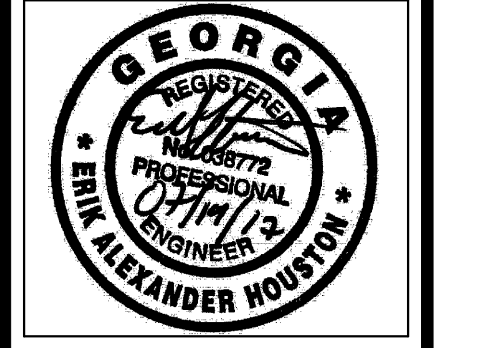
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24-HOUR CONTACT:
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(678) 555-0880

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PLANS FOR:

LITTLE ALLEY STEAK
3500 LENOX ROAD NE
ATLANTA, GEORGIA

CLIENT:

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3871 TRICKUM ROAD
MARIETTA, GEORGIA 30066
PHONE: (404) 456-2329

REVISION HISTORY	
01/15/2017	ISSUE FOR CONSTRUCTION
03/16/2017	

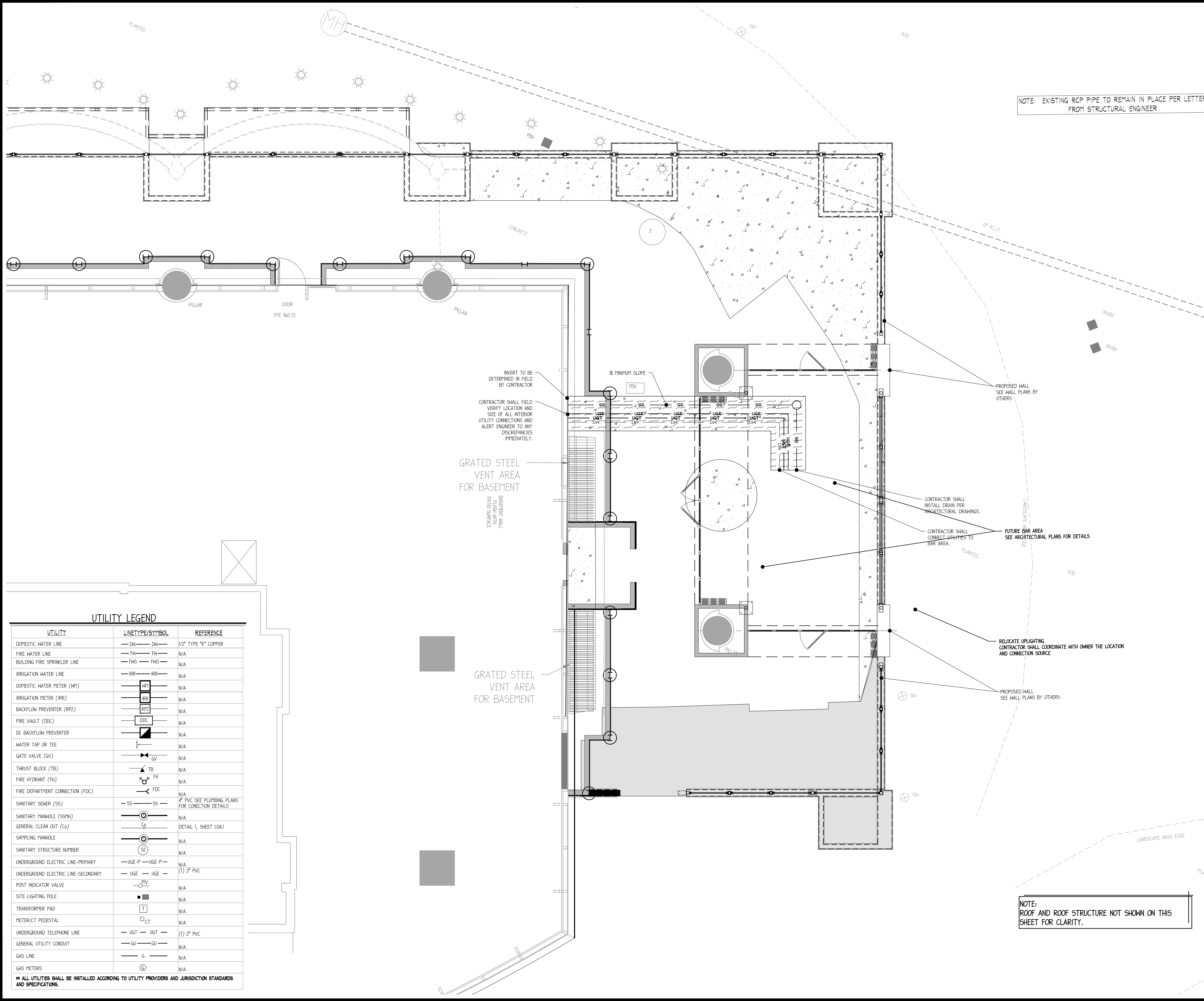
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PROJ #	16030
DWG NAME	16030_C03.DWG
ISSUE DATE	02/10/2017
PROJ TGR	EAH

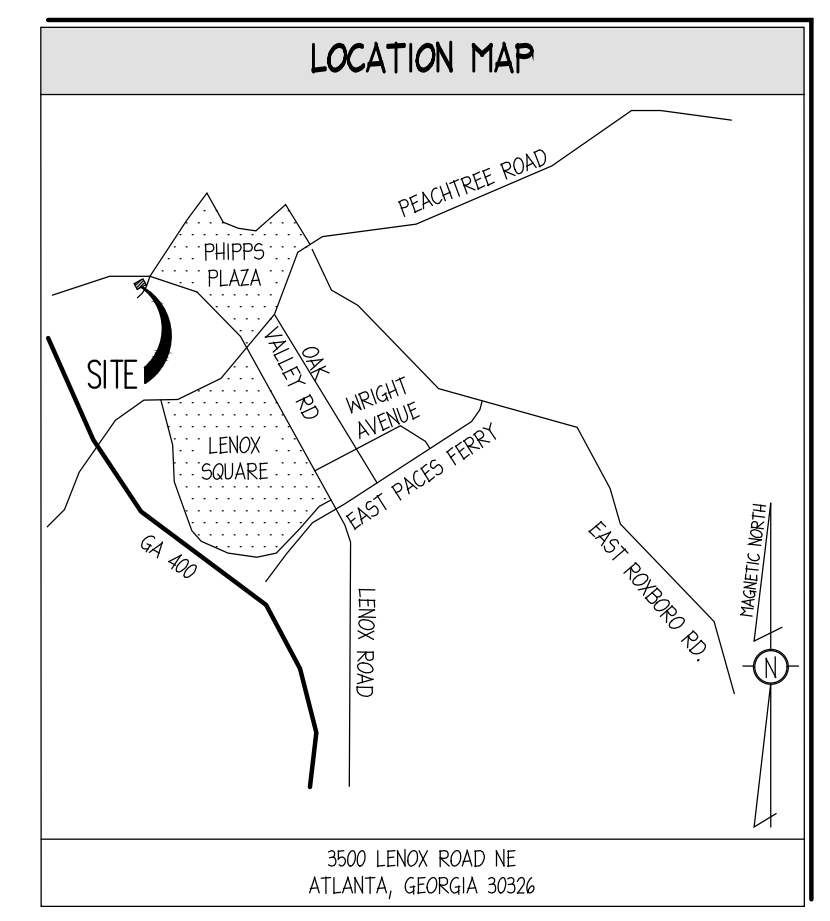
SITE PLAN

C03.2
SHEET NUMBER

ISSUE FOR CONSTRUCTION



NOTE: EXISTING RCP PIPE TO REMAIN IN PLACE PER LETTER FROM STRUCTURAL ENGINEER



GENERAL UTILITY NOTES

- SEE SHEET C01 FOR GENERAL NOTES.
- SEE MEP PLANS FOR CONTINUATION OF ALL UTILITIES INTO BUILDING.
- SANITARY LATERALS SHALL HAVE A MINIMUM FALL OF 1.00%.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND THEIR LOCATIONS AND ELEVATIONS PRIOR TO STARTING CONSTRUCTION.
- THE FINAL LOCATION OF FIRE HYDRANTS, VALVES, WATER LINES, BACKFLOW PREVENTERS, ETC. SHALL BE DETERMINED DURING CONSTRUCTION. NOTIFY THE ENGINEER OF ANY CHANGES TO LOCATION OR CONFIGURATION. NFPA CODES SHALL BE ADHERED TO.
- THE CONTRACTOR SHALL CONTACT PUBLIC UTILITIES INSPECTIONS AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION ACTIVITY.
- ALL WORK TO BE DONE IN STRICT ACCORDANCE WITH LOCAL GOVERNING CODES.
- UTILITY CONDUIT MATERIAL FOR ELECTRIC, TELEPHONE, AND CABLE SHALL BE INSTALLED PER UTILITY PROVIDER SPECIFICATIONS.
- CONTRACTOR TO BUILD CONCRETE TRANSFORMER PAD AND INSTALL SCHEDULE 80 PVC CONDUIT AND PULL STRING WITH SKEWING BENDS.

INVERT TO BE DETERMINED IN FIELD BY CONTRACTOR

CONTRACTOR SHALL FIELD VERIFY LOCATION AND SIZE OF ALL INTERIOR UTILITY CONNECTIONS AND ALERT ENGINEER TO ANY DISCREPANCIES IMMEDIATELY.

GRATED STEEL VENT AREA FOR BASEMENT

BASEMENT WALL PATIO SURFACE

1% MINIMUM SLOPE

CONTRACTOR SHALL INSTALL DRAIN PER ARCHITECTURAL DRAWINGS.

CONTRACTOR SHALL CONNECT UTILITIES TO BAR AREA.

FUTURE BAR AREA SEE ARCHITECTURAL PLANS FOR DETAILS

RELOCATE UPFLIGHTING CONTRACTOR SHALL COORDINATE WITH OWNER THE LOCATION AND CONNECTION SOURCE

PROPOSED WALL SEE WALL PLANS BY OTHERS

REFER TO WALL PLANS (BY OTHERS) FOR ADDITIONAL INFORMATION AND TO AVOID CONFLICTS WITH NEW PATIO INSTALLATION PRIOR TO CONSTRUCTION.

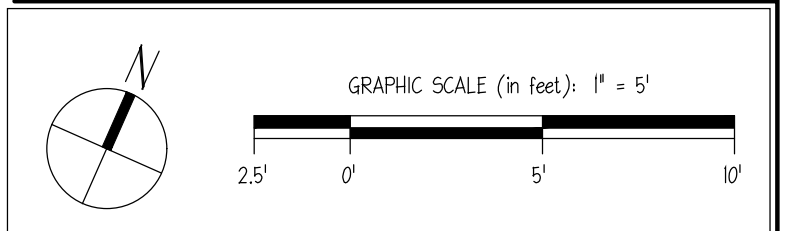
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24-HOUR CONTACT:
LITTLE ALLEY STEAK
(678) 555-0880



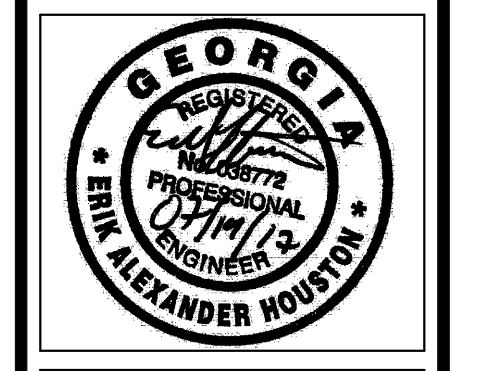
UTILITY LEGEND

UTILITY	LINE TYPE/SYMBOL	REFERENCE
DOMESTIC WATER LINE	— DW — DW —	1/2" TYPE "K" COPPER
FIRE WATER LINE	— FW — FW —	N/A
BUILDING FIRE SPRINKLER LINE	— FWS — FWS —	N/A
IRRIGATION WATER LINE	— IRR — IRR —	N/A
DOMESTIC WATER METER (WM1)	— WM1 —	N/A
IRRIGATION METER (IRR)	— IRR —	N/A
BACKFLOW PREVENTER (RPZ)	— RPZ —	N/A
FIRE VAULT (DDC)	— DDC —	N/A
DC BACKFLOW PREVENTER	— DCBP —	N/A
WATER TAP OR TEE	— WT —	N/A
GATE VALVE (GV)	— GV —	N/A
THRUST BLOCK (TB)	— TB —	N/A
FIRE HYDRANT (FH)	— FH —	N/A
FIRE DEPARTMENT CONNECTION (FDC)	— FDC —	N/A
SANITARY SEWER (SS)	— SS — SS —	4" PVC SEE PLUMBING PLANS FOR CONNECTION DETAILS
SANITARY MANHOLE (SSMH)	— SSMH —	N/A
GENERAL CLEAN OUT (CO)	— CO —	DETAIL 1, SHEET C04.1
SAMPLING MANHOLE	— SMH —	N/A
SANITARY STRUCTURE NUMBER	— SSN —	N/A
UNDERGROUND ELECTRIC LINE-PRIMARY	— UGE-P — UGE-P —	N/A
UNDERGROUND ELECTRIC LINE-SECONDARY	— UGE — UGE —	(1) 2" PVC
POST INDICATOR VALVE	— PIV —	N/A
SITE LIGHTING POLE	— SL —	N/A
TRANSFORMER PAD	— TP —	N/A
METER/CT PEDESTAL	— M/CT —	N/A
UNDERGROUND TELEPHONE LINE	— UGT — UGT —	(1) 2" PVC
GENERAL UTILITY CONDUIT	— GU — GU —	N/A
GAS LINE	— G — G —	N/A
GAS METERS	— GM —	N/A

ALL UTILITIES SHALL BE INSTALLED ACCORDING TO UTILITY PROVIDERS AND JURISDICTION STANDARDS AND SPECIFICATIONS.



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REVISION HISTORY

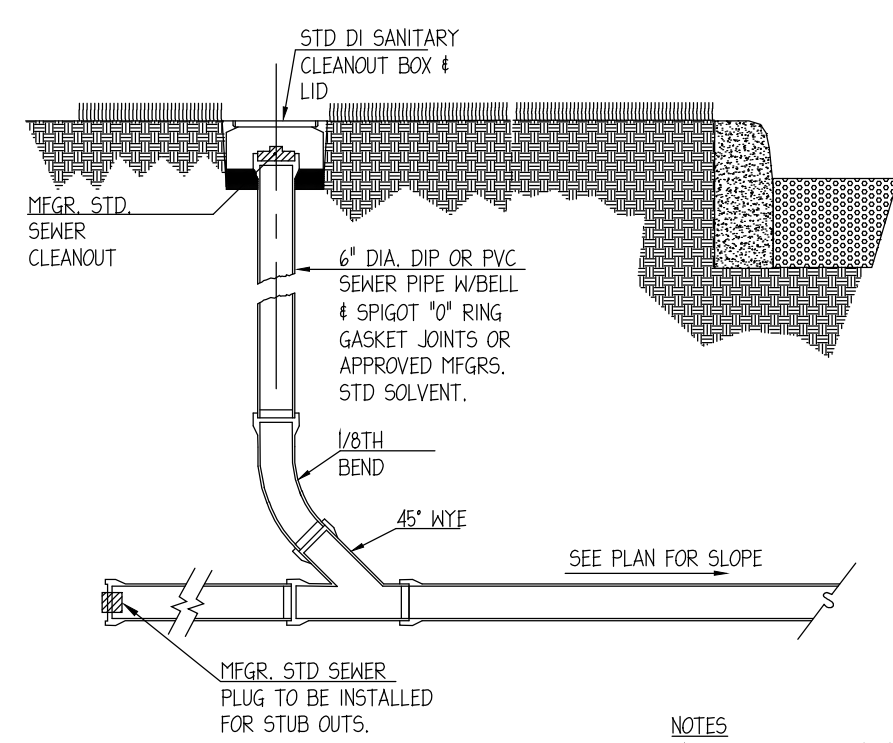
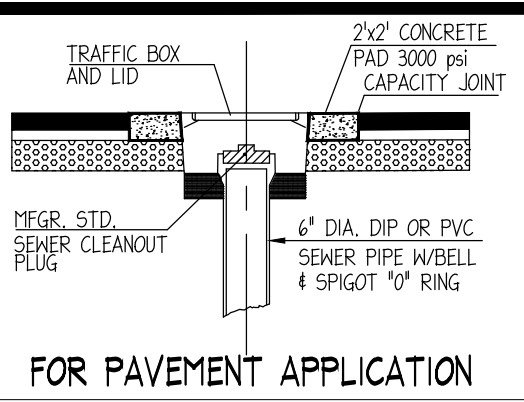
NO.	DATE	DESCRIPTION
1	07/30/2017	ISSUE
2	03/16/2017	ISSUE

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PROJ # 160301
DWG NAME 160301 C04.DWG
ISSUE DATE 02/10/2017
PROJ LEAD

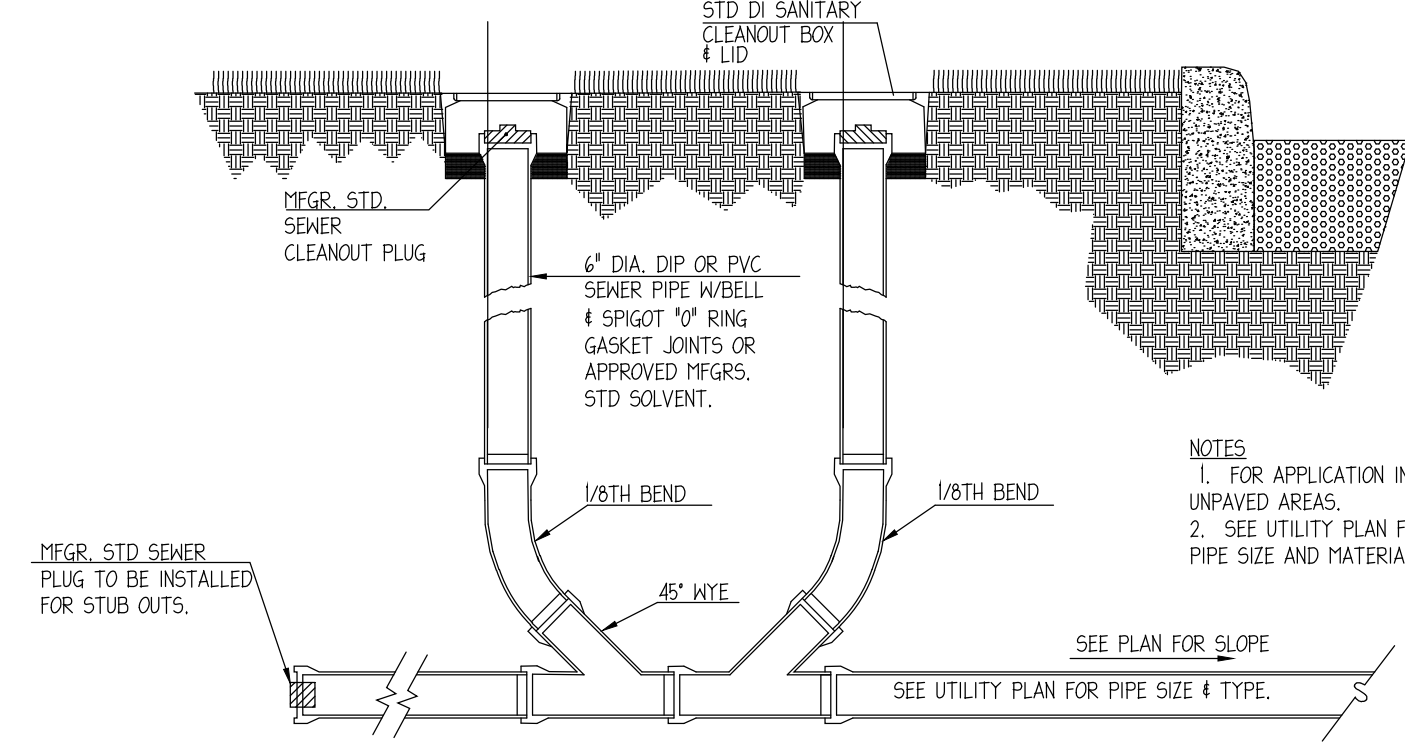
UTILITY PLAN
C04.0
SHEET NUMBER

ISSUE FOR CONSTRUCTION



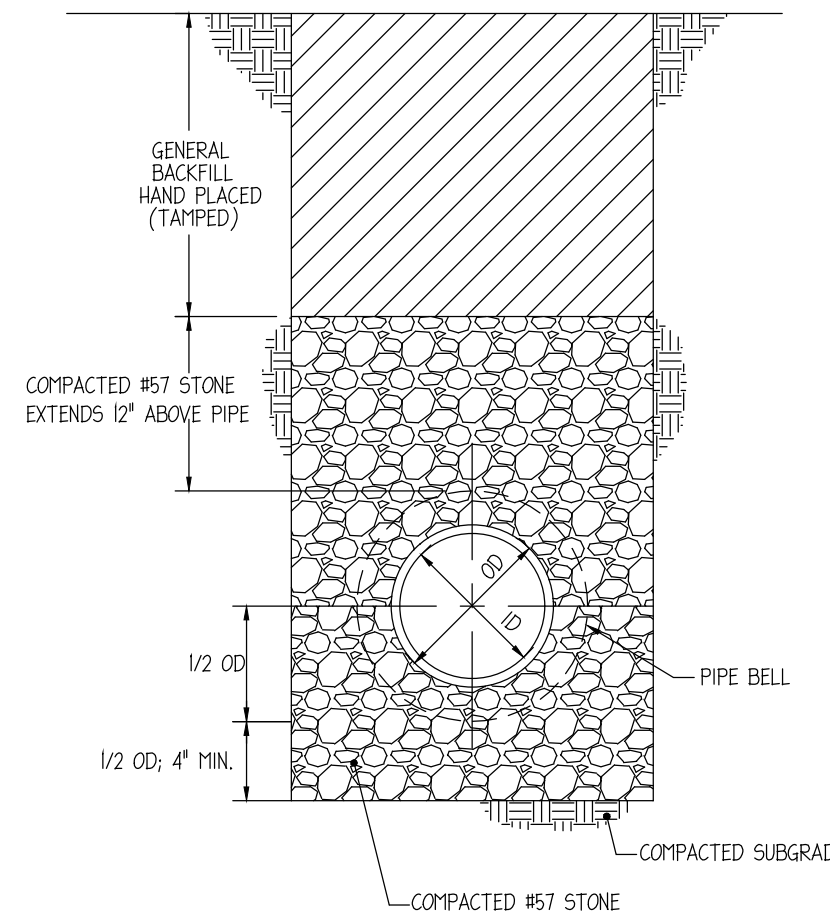
ONE-WAY

NOTES
 1. FOR APPLICATION IN UNPAVED AREAS.
 2. SEE UTILITY PLAN FOR PIPE SIZE AND MATERIAL.



TWO-WAY

NOTES
 1. FOR APPLICATION IN UNPAVED AREAS.
 2. SEE UTILITY PLAN FOR PIPE SIZE AND MATERIAL.

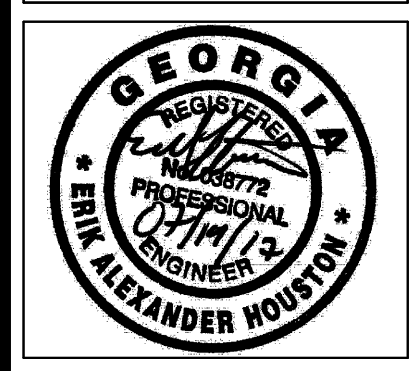


2 SANITARY SEWER PIPE BEDDING NTS

1 SANITARY SEWER CLEANOUT NTS



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 ATLANTA, GEORGIA

CLIENT:
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 3871 TRICKUM ROAD
 MARIETTA, GEORGIA 30066
 PHONE: (404) 456-2329

REVISION HISTORY	
01/31/2017	
03/16/2017	

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PROJ # 16030
 DWG NAME 16030_CO4.DWG
 ISSUE DATE 02/10/2017
 PROJ TGR LEAH

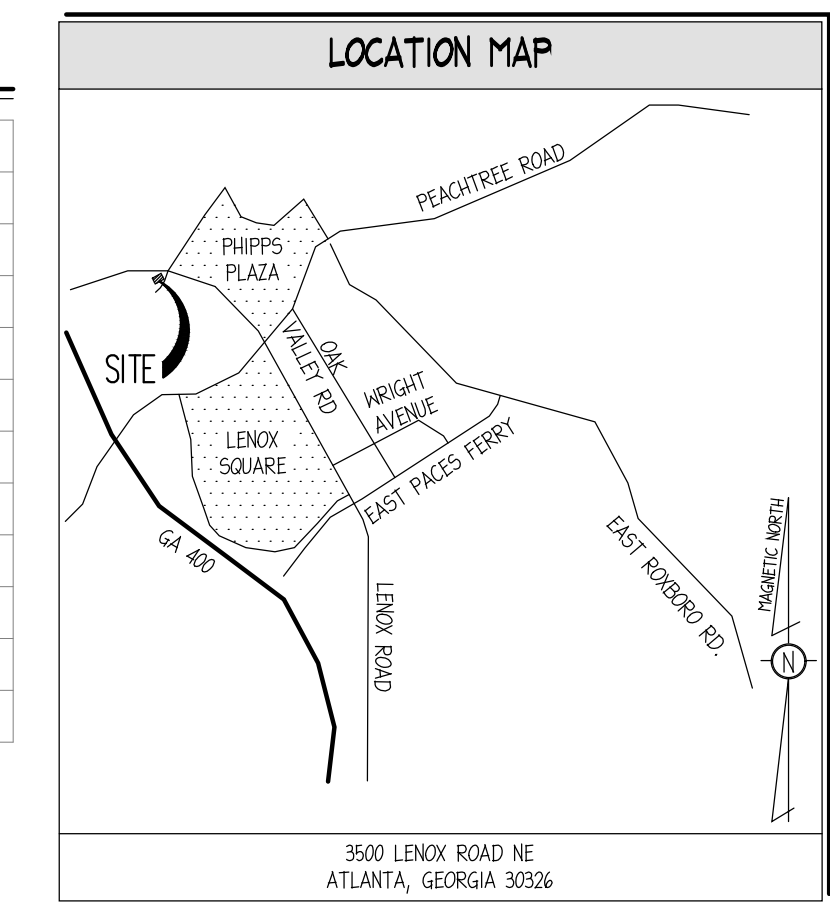
UTILITY DETAILS I

CO4.1
 SHEET NUMBER

ISSUE FOR CONSTRUCTION

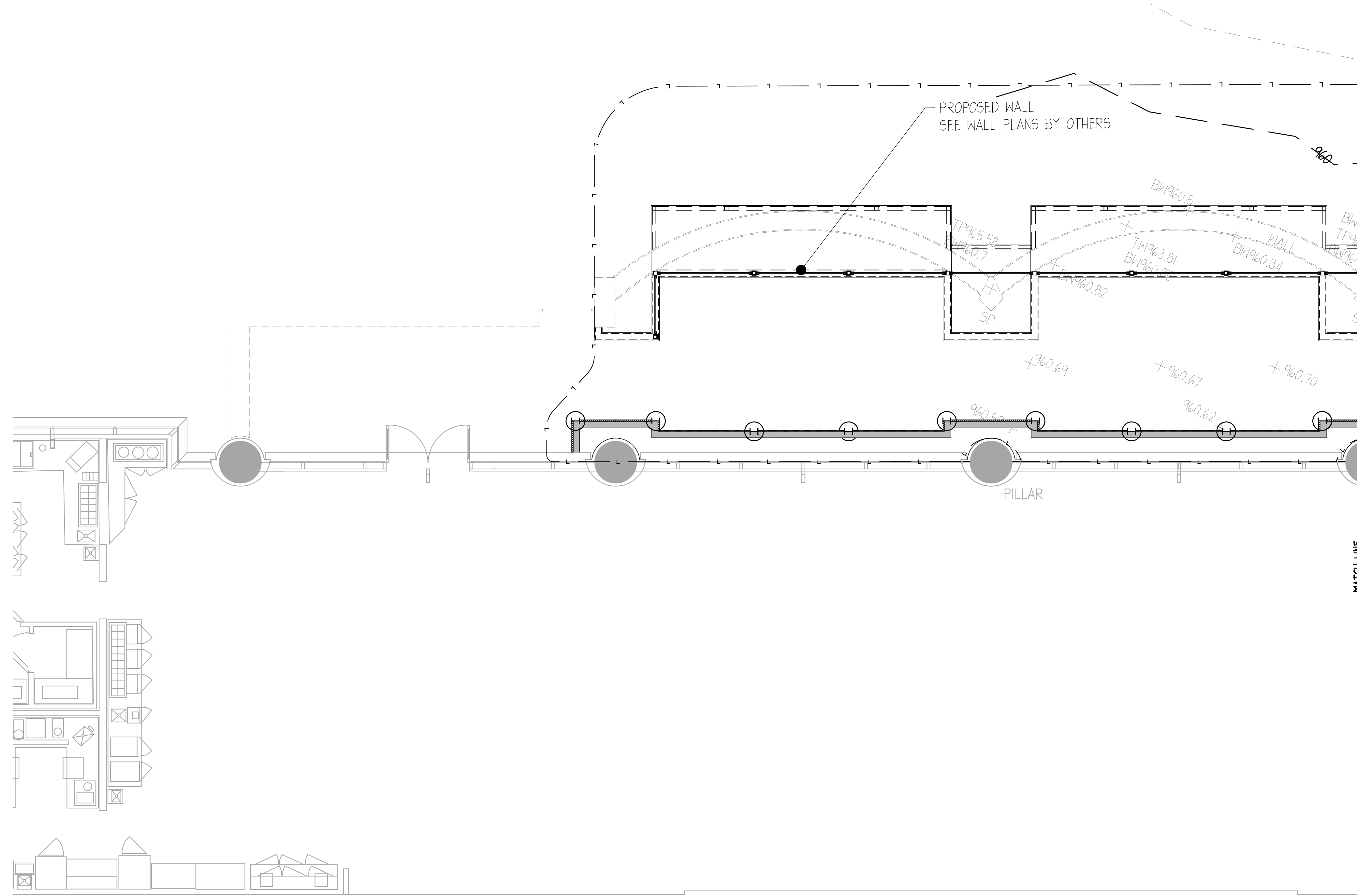
GRADING & DRAINAGE LEGEND

GRADING/DRAINAGE	LINETYPE/SYMBOL	REFERENCE
GRADE	— 1000 —	
SPOT ELEVATION	x 1000.00	
STORM DRAIN	—	N/A
HEADWALL (HW) / FLARED END SECTION (FES)	—	N/A
DROP INLET (GRATE)	—	N/A
DROP INLET (GRATE AND HOOD)	—	N/A
JUNCTION BOX (JB) / OCS	—	N/A
CATCH BASIN (SINGLE WING)	—	N/A
CATCH BASIN (DOUBLE WING)	—	N/A
PEDESTAL TOP	—	N/A
STORM STRUCTURE NUMBER	AS	N/A



GRADING & DRAINAGE NOTES

1. SLOPE OF SURFACE GRADE SHALL BE A MINIMUM OF 1:000.
2. MAXIMUM CUT OF FILL SLOPES IS 2H:1V.
3. THE CONTRACTOR SHALL PROVIDE CLEAN, SUITABLE MATERIAL FOR REQUIRED FILL. SHOULD A SUFFICIENT QUANTITY OF SUITABLE MATERIAL NOT BE AVAILABLE FROM THE REQUIRED EXCAVATION ON THE SITE.
4. ALL FILL SHOULD BE PLACED IN THIN, HORIZONTAL LOOSE LIFTS (MAXIMUM 6-INCH) AND COMPACTED TO AT LEAST 100 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698). THE UPPER 8 INCHES OF SOIL BENEATH PAVEMENTS AND SLAB-ON-GRADE SHOULD BE COMPACTED TO AT LEAST 100 PERCENT. COMPACTION MUST BE CERTIFIED BY A GEORGIA REGISTERED PROFESSIONAL SOILS ENGINEER PRIOR TO THE INSTALLATION OF PAVEMENTS, CURBS, SIDEWALKS OR FOOTINGS OF ANY TYPE.
5. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM BUILDING IN ALL AREAS AROUND BUILDING. INSTALL FRENCH DRAIN IN LANDSCAPED AREAS.
6. JURISDICTIONAL LAND DISTURBANCE PERMIT MUST BE DISPLAYED ON SITE AT ALL TIMES DURING CONSTRUCTION AND IN PLAN VIEW FROM A PUBLIC ROAD OR STREET.
7. SEE SHEET C011 FOR GENERAL NOTES.

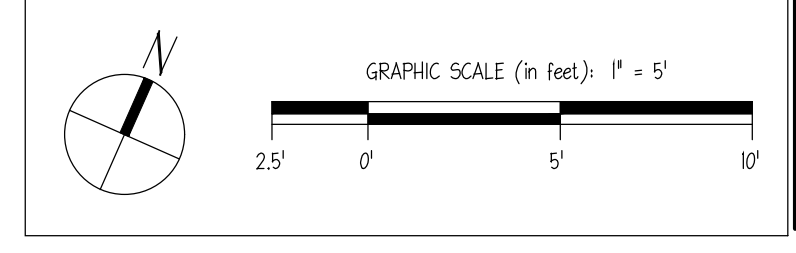


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3500 LENOX ROAD NE
ATLANTA, GEORGIA**

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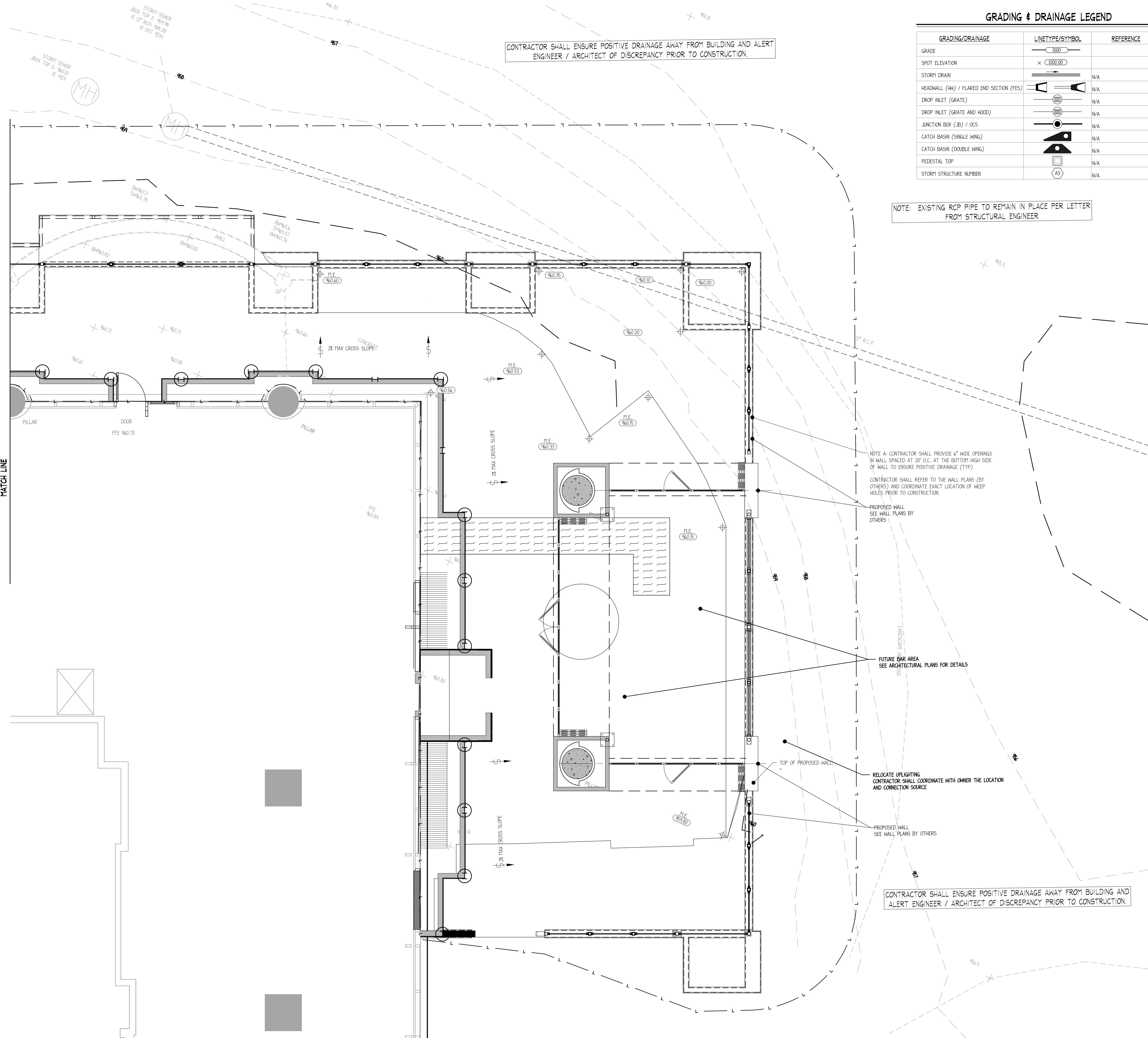
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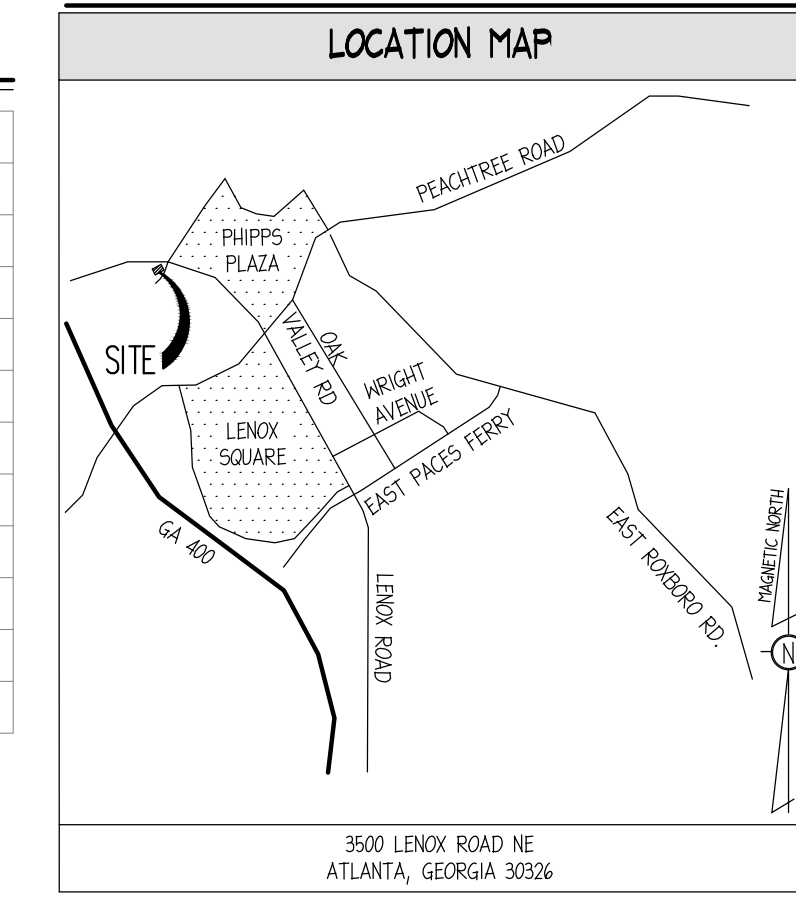
GRADING & DRAINAGE PLAN
C05.1
SHEET NUMBER

ISSUE FOR CONSTRUCTION



GRADING & DRAINAGE LEGEND

GRADING/DRAINAGE	LINETYPE/SYMBOL	REFERENCE
GRADE	— 1000 —	
SPOT ELEVATION	x 1000.00	
STORM DRAIN	—	N/A
HEADWALL (HW) / FLARED END SECTION (FES)	—	N/A
DROP INLET (GRATE)	—	N/A
DROP INLET (GRATE AND HOOD)	—	N/A
JUNCTION BOX (JB) / OCS	—	N/A
CATCH BASIN (SINGLE WING)	—	N/A
CATCH BASIN (DOUBLE WING)	—	N/A
PEDESTAL TOP	—	N/A
STORM STRUCTURE NUMBER	AS	N/A



GRADING & DRAINAGE NOTES

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7. SEE SHEET C01I FOR GENERAL NOTES.



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PLANS FOR:

LITTLE ALLEY STEAK
3500 LENOX ROAD NE
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CLIENT:

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ISSUE DATE 02/10/2017
PROJ TGR: LEAH

GRADING & DRAINAGE PLAN

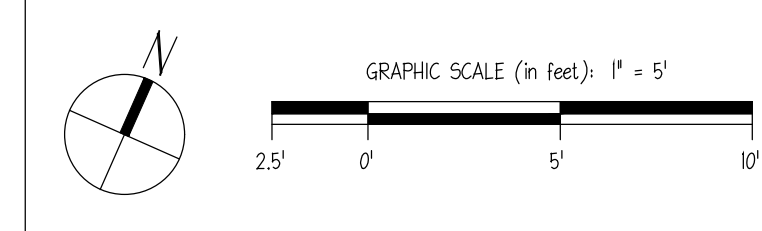
C05.2
SHEET NUMBER

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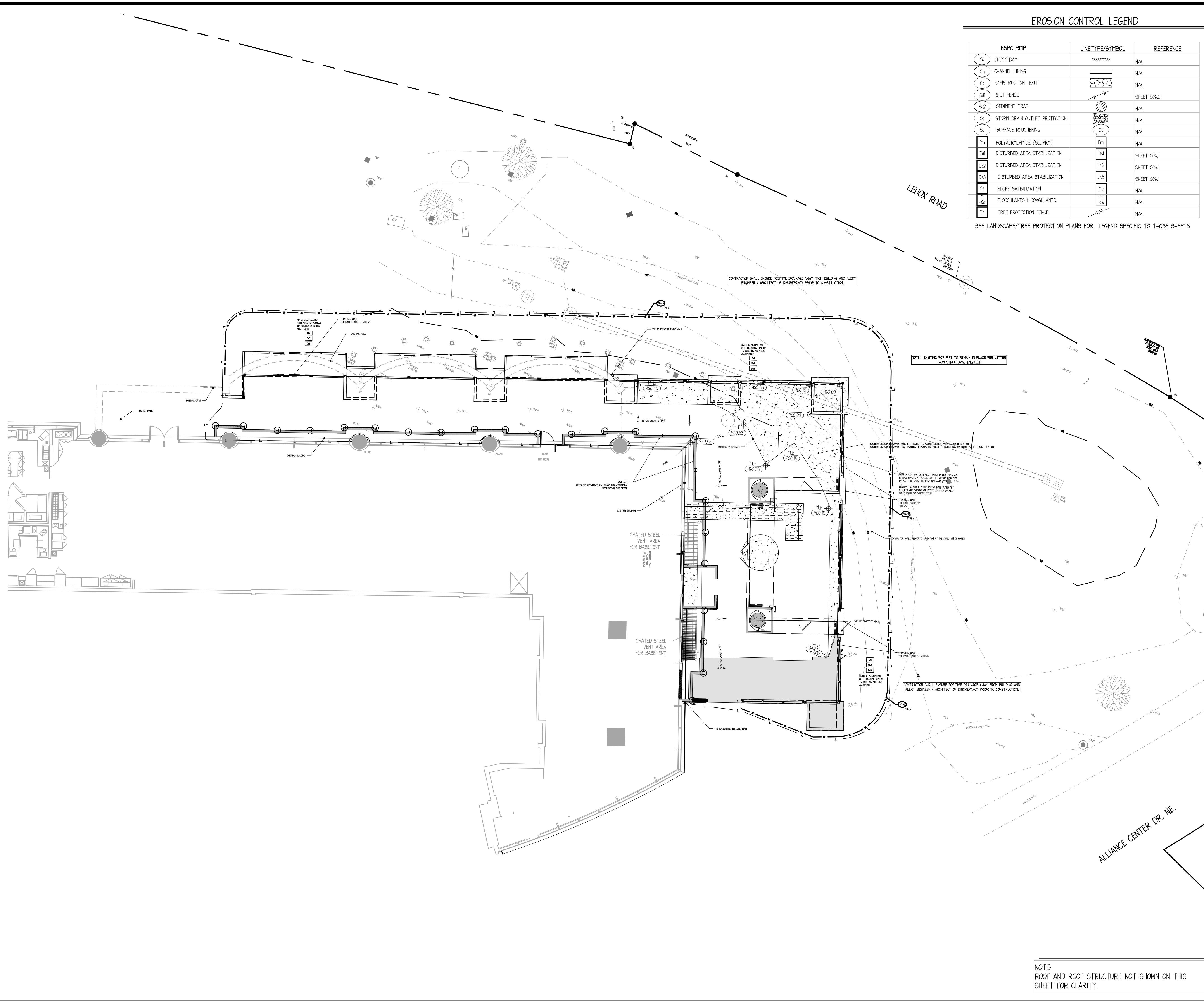
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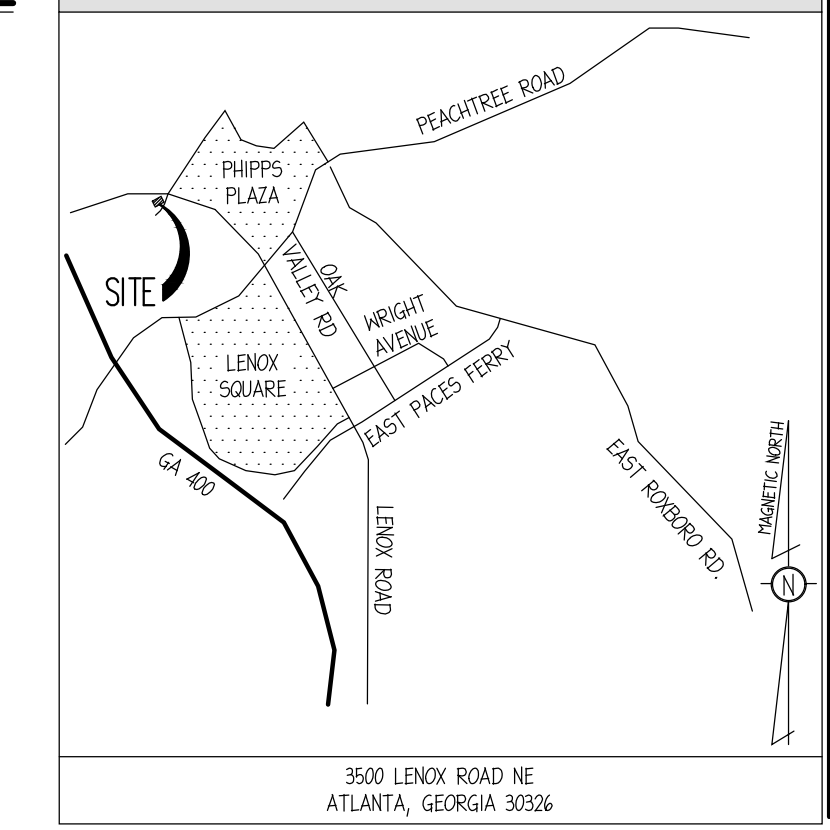


EROSION CONTROL LEGEND

ESPC B/M/P	LINETYPE/SYMBOL	REFERENCE
Gd	CHECK DAM	N/A
Ch	CHANNEL LINING	N/A
Co	CONSTRUCTION EXIT	N/A
Sd1	SILT FENCE	SHEET C06.2
Sd2	SEDIMENT TRAP	N/A
Sl	STORM DRAIN OUTLET PROTECTION	N/A
Su	SURFACE ROUGHENING	N/A
Sm	POLYACRYLAMIDE (SLURRY)	N/A
Ds1	DISTURBED AREA STABILIZATION	SHEET C06.1
Ds2	DISTURBED AREA STABILIZATION	SHEET C06.1
Ds3	DISTURBED AREA STABILIZATION	SHEET C06.1
Ss	SLOPE SATBILIZATION	N/A
Fl	FLOCCULANTS & COAGULANTS	N/A
Tr	TREE PROTECTION FENCE	N/A

SEE LANDSCAPE/TREE PROTECTION PLANS FOR LEGEND SPECIFIC TO THOSE SHEETS

LOCATION MAP



ESPC NOTES

- GENERAL**
- EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION CONTROL MEASURES AND PRACTICES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AT THE EXPENSE OF THE CONTRACTOR.
 - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
 - EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
 - ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
 - ANY AMENDMENT TO THE EROSION CONTROL PLANS WHICH HAVE A SIGNIFICANT EFFECT ON BMPs WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL.
 - THE PERMITTEE IS ONLY RESPONSIBLE FOR THE FOR THE INSTALLATION AND MAINTENANCE OF STORM WATER MANAGEMENT DEVICES PRIOR TO STABILIZATION OF THE SITE AND NOT THE OPERATION AND MAINTENANCE OF SUCH STRUCTURES AFTER CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
 - EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
 - SEE GRADING & DRAINAGE NOTES.
- SLOPES AND DISTURBED AREA STABILIZATION**
- CONCENTRATED FLOW AREAS AND ALL SLOPES 2H:1V OR STEEPER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET.
 - ALL CUT AND FILL SLOPES MUST BE SURFACE ROUGHENED AND VEGETATED WITHIN (7) DAYS OF THEIR CONSTRUCTION.
 - DISTURBED AREAS SHALL BE GRASSSED AS SOON AS CONSTRUCTION PHASES PERMIT. NO EXPOSED GRADE WILL BE LEFT UNSTABLE FOR MORE THAN 7 DAYS.
 - PERMANENT GRASSING AND LANDSCAPING OF DISTURBED AREAS SHALL BE COMPLETED AS QUICKLY AS POSSIBLE. TEMPORARY STABILIZATION BY MULCHING AND/OR TEMPORARY SEEDING WILL BE REQUIRED IN THE EVENT OF PROJECT DELAYS.
 - WIRE MESH REINFORCED SEDIMENT BARRIERS SHALL BE PLACED AT THE TOE OF ALL FILL SLOPES.
- DRAINAGE**
- ALL DRAINAGE STRUCTURES SHALL BE EROSION PROOFED.
- TREE PROTECTION**
- ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED WITH FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
 - ALL TREE PROTECTION DEVICES SHALL BE INSTALLED PRIOR TO START OF LAND DISTURBANCE AND MAINTAINED UNTIL FINAL LANDSCAPING IS INSTALLED. NO PARKING, STORAGE, OR OTHER CONSTRUCTION SITE ACTIVITIES ARE TO OCCUR WITHIN TREE PROTECTION AREAS.
- MAINTENANCE AND INSPECTIONS**
- SEDIMENT AND EROSION CONTROL MEASURES AND PRACTICES SHALL BE INSPECTED DAILY.
 - SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
 - SEDIMENT CONTROL DEVICES MUST BE INSPECTED DAILY AND CHECKED AFTER EACH STORM EVENT AND CLEANED OR REPLACED WHEN THEY REACH 1/3 OF DESIGN CAPACITY.
 - ALL TREE PROTECTION FENCING TO BE INSPECTED DAILY AND REPLACED OR REPAIRED AS NEEDED.
 - MAINTENANCE OF ALL SOIL AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.



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NO.	DATE	DESCRIPTION
1	02/10/2017	ISSUE FOR CONSTRUCTION
2	03/15/2017	
3	03/16/2017	

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PROJ # 16030
DWG NAME 16030 C06.DWG
ISSUE DATE 02/10/2017
PROJ TGR: LEAH

ESPC PLAN

C06.0
SHEET NUMBER

ISSUE FOR CONSTRUCTION

Disturbed Area Stabilization (With Mulching Only) Ds1



DEFINITION
Applying plant residues or other suitable materials, produced on the site if possible, to the soil surface.

- PURPOSE**
- To reduce runoff and erosion
 - To conserve moisture
 - To prevent surface compaction or crusting
 - To control undesirable vegetation
 - To modify soil temperature
 - To increase biological activity in the soil

REQUIREMENT FOR REGULATORY COMPLIANCE
Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Mulch can be used as a singular erosion control device for up to six months, but it shall be applied at the appropriate depth, depending on the material used, anchored and have a continuous 90% cover or greater of the soil surface.

Maintenance shall be required to maintain appropriate depth and 90% cover. Temporary vegetation may be employed instead of mulch if the area will remain undisturbed for less than six months.

If any area will remain undisturbed for greater than six months, permanent vegetative techniques shall be employed. Refer to Ds2 - Disturbed Area Stabilization (With Seeding).

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turbed Area Stabilization (With Temporary Seeding), Ds3 - Disturbed Area Stabilization (With Permanent Seeding), and Ds4 - Disturbed Area Stabilization (With Sodding).

SPECIFICATIONS

Mulching Without Seeding

This standard applies to graded or cleared areas where seedings may not have a suitable growing season to produce an erosion retardant cover, but can be stabilized with a mulch cover.

Site Preparation

- Grade to permit the use of equipment for applying and anchoring mulch.
- Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers.
- Loosen compact soil to a minimum depth of 3 inches.

Mulching Materials

Select one of the following materials and apply at the depth indicated:

- Dry straw or hay shall be applied at a depth of 2 to 4 inches providing complete soil coverage. One advantage of this material is easy application.
- Wood waste (chips, sawdust or bark) shall be applied at a depth of 2 to 3 inches. Organic material from the clearing stage of development should remain on site, be chipped, and applied as mulch. This method of mulching can greatly reduce erosion control costs.
- Polyethylene film shall be secured over banks or stockpiled soil material for temporary protection. This material can be salvaged and re-used.

Applying Mulch

When mulch is used without seeding, mulch shall be applied to provide full coverage of the exposed area.

- Dry straw or hay mulch and wood chips shall be applied uniformly by hand or by mechanical equipment.

- If the area will eventually be covered with perennial vegetation, 20-30 pounds of nitrogen per acre in addition to the normal amount shall be applied to offset the uptake of nitrogen caused by the decomposition of the organic mulches.
- Apply polyethylene film on exposed areas.

Anchoring Mulch

- Straw or hay mulch can be pressed into the soil with a disk harrow with the disk set straight or with a special "packer disk." Disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but to press it into the soil leaving much of it in an erect position. Straw or hay mulch shall be anchored immediately after application.

Straw or hay mulch spread with special blower-type equipment may be anchored. Tackifiers, binders and hydraulic mulch with tackifier specifically designed for tacking straw can be substituted for emulsified asphalt. Please refer to specification Tac-Tackifiers. Plastic mesh or netting with mesh no larger than one inch by one inch shall be installed according to manufacturer's specifications.

- Netting of the appropriate size shall be used to anchor wood waste. Openings of the netting shall not be larger than the average size of the wood waste chips.

- Polyethylene film shall be anchor trenched at the top as well as incrementally as necessary.

6-27

Disturbed Area Stabilization (With Temporary Seeding) Ds2



DEFINITION
The establishment of temporary vegetative cover with fast growing seedings for seasonal protection on disturbed or denuded areas.

- PURPOSE**
- To reduce runoff and sediment damage of down stream resources
 - To protect the soil surface from erosion
 - To improve wildlife habitat
 - To improve aesthetics
 - To improve till, infiltration and aeration as well as organic matter for permanent plantings

- To improve till, infiltration and aeration as well as organic matter for permanent plantings

REQUIREMENT FOR REGULATORY COMPLIANCE
Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Temporary grassing, instead of mulch, can be applied to rough graded areas that will be exposed for less than six months. If an area is expected to be undisturbed for longer than six months, permanent perennial vegetation shall be used. If optimum planting conditions for temporary grassing is lacking, mulch can be used as a singular erosion control device for up to six months but it shall be applied at the appropriate depth, anchored, and have a continuous 90% cover or greater of the soil surface. Refer to specification Ds1-Disturbed Area Stabilization (With Temporary Seeding).

Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Temporary grassing, instead of mulch, can be applied to rough graded areas that will be exposed for less than six months. If an area is expected to be undisturbed for longer than six months, permanent perennial vegetation shall be used. If optimum planting conditions for temporary grassing is lacking, mulch can be used as a singular erosion control device for up to six months but it shall be applied at the appropriate depth, anchored, and have a continuous 90% cover or greater of the soil surface. Refer to specification Ds1-Disturbed Area Stabilization (With Temporary Seeding).

Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Temporary grassing, instead of mulch, can be applied to rough graded areas that will be exposed for less than six months. If an area is expected to be undisturbed for longer than six months, permanent perennial vegetation shall be used. If optimum planting conditions for temporary grassing is lacking, mulch can be used as a singular erosion control device for up to six months but it shall be applied at the appropriate depth, anchored, and have a continuous 90% cover or greater of the soil surface. Refer to specification Ds1-Disturbed Area Stabilization (With Temporary Seeding).

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CONDITIONS
Temporary vegetative measures should be coordinated with permanent measures to assure economical and effective stabilization. Most types of temporary vegetation are ideal to use as companion crops until the permanent vegetation is established. Note: Some species of temporary vegetation are not appropriate for companion crop plantings because of their potential to out-compete the desired species (e.g. annual ryegrass). Contact NRCS or the local SWDC for more information.

SPECIFICATIONS

Grading and Shaping

Excessive water run-off shall be reduced by properly designed and installed erosion control practices such as closed drains, ditches, dikes, diversions, sediment barriers and others.

No shaping or grading is required if slopes can be stabilized by hand-seeded vegetation or if hydraulic seeding equipment is to be used.

Seedbed Preparation

When a hydraulic seeder is used, seedbed preparation is not required. When using conventional or hand-seeding, seedbed preparation is not required if the soil material is loose and not sealed by rainfall.

When soil has been sealed by rainfall or consists of smooth cut slopes, the soil shall be pitted, trenched or otherwise scarified to provide a place for seed to lodge and germinate.

Lime and Fertilizer

Agricultural lime is required unless soil tests indicate otherwise. Apply agricultural lime at a rate determined by soil test for pH. Quick acting lime should be incorporated to modify pH during the germination period. Bio stimulants should also be considered when there is less than 3% organic matter in the soil. Graded areas require lime application. Soils must be tested to determine required amounts of fertilizer and amendments. Fertilizer should be applied before land preparation and incorporated with a disk, ripper, or chisel. On slopes too steep for, or inaccessible to equipment, fertilizer shall be hydraulically applied, preferably in the first pass with seed and some hydraulic mulch, then topped with the remaining required application rate.

6-29

Seeding
Select a grass or grass-legume mixture suitable to the area and season of the year. Seed shall be applied uniformly by hand, cyclone seeder, drill, culti-packer-seeder, or hydraulic seeder (slurry including seed and fertilizer). Drill or culti-packer seeders should normally place seed one-quarter to one-half inch deep. Appropriate depth of planting is ten times the seed diameter. Soil should be "raked" lightly to cover seed with soil if seeded by hand. See Table 6-4.1.

Mulching

Temporary vegetation can, in most cases, be established without the use of mulch, provided there is little to no erosion potential. However, the use of mulch can often accelerate and enhance germination and vegetation establishment. Mulch without seeding should be considered for short term protection. Refer to Ds1 - Disturbed Area Stabilization (With Mulching Only).

Irrigation

During times of drought, water shall be applied at a rate not causing runoff and erosion. The soil shall be thoroughly wetted to a depth that will insure germination of the seed. Subsequent applications should be made when needed.

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Ds1 DISTURBED AREA STABILIZATION

NTS

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6-30

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Table 6-4.1 - Temporary Cover or Companion Cover Crops
PLANT, PLANTING RATE, AND PLANTING DATE FOR TEMPORARY COVER OR COMPANION CROPS

Species	Broadcast Rates Rate Per Acre	Resource Area	Planting Dates by Resource Area Solid lines indicate optimum dates, dotted lines indicate permissible but marginal dates.	Remarks
BARLEY <i>Hordeum vulgare</i>	3 bu. (144 lbs) 1/2 bu. (24lbs)	M-L P C	J F M A M J J A S O N D	14,000 seed per pound. Winter hardy. Use on productive soils.
LESPEDEZA ANNUAL <i>Lespedeza striata</i>	40 lbs 10 lbs	M-L P C	J F M A M J J A S O N D	200,000 seed per pound. May volunteer for several years. Use inoculant EL.
LOVEGRASS WEEPER <i>Eragrostis canadensis</i>	4 lbs 2 lbs	M-L P C	J F M A M J J A S O N D	1,500,000 seed per pound. May last for several years. Mix with <i>Sericea lespedeza</i> .
MILLET BROWNTOP <i>Panicum fasciculatum</i>	40 lbs 10 lbs	M-L P C	J F M A M J J A S O N D	157,000 seed per pound. Quick dense cover. May volunteer for several years. Use inoculant EL.
MILLET PEARL <i>Pennisetum glaucum</i>	50 lbs	M-L P C	J F M A M J J A S O N D	88,000 seed per pound. Quick dense cover. May volunteer for several years. Use inoculant EL.
OATS <i>Avena sativa</i>	4 bu. (128 lbs) 1 bu. (32 lbs)	M-L P C	J F M A M J J A S O N D	10,000 seed per pound. Use on productive soils. Not as winter hardy as rye or barley.
RYE <i>Scaevola cerealis</i>	3 bu. (180 lbs) 1/2 bu. (28 lbs)	M-L P C	J F M A M J J A S O N D	18,000 seed per pound. Quick cover. Drought tolerant and winter hardy.
RYEGRASS ANNUAL <i>Lolium perenne</i>	40 lbs	M-L P C	J F M A M J J A S O N D	227,000 seed per pound. Dense cover. Very competitive and is good to be used in mixtures.
SUDANGRASS <i>Sorghum sudanense</i>	60 lbs	M-L P C	J F M A M J J A S O N D	55,000 seed per pound. Good on droughty sites. Not recommended for mixtures.

Ds2 DISTURBED AREA STABILIZATION

NTS

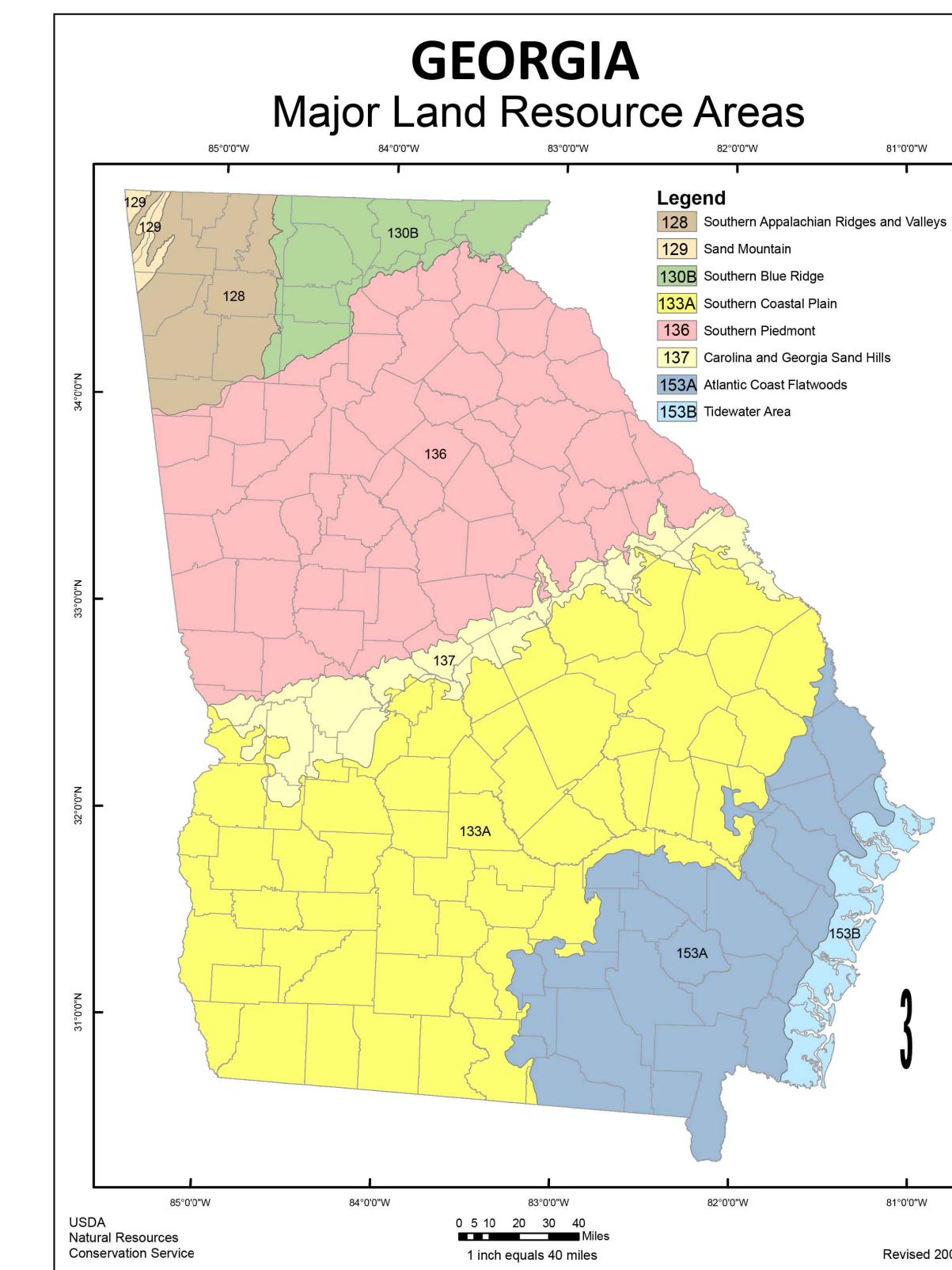


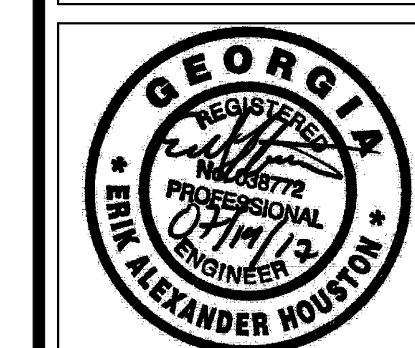
Figure 6-4.1

6-34

GSWCC 2016 Edition



ingenium
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PLANNING & ENGINEERING
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SUITE 100
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REGISTERED PROFESSIONAL ENGINEER
ALEXANDER HOUSTON

LITTLE ALLEY STEAK
3871 TRICKUM ROAD
MARIETTA, GEORGIA 30066
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REVISION HISTORY

NO.	DATE	DESCRIPTION
1	03/16/2017	ISSUE FOR CONSTRUCTION
2	03/16/2017	ISSUE FOR CONSTRUCTION

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PROJECT: LITTLE ALLEY STEAK
DRAWING: 160301 CO6.DWG
ISSUE DATE: 02/10/2017
PROJECT: LEAH

ESPC DETAILS 1

CO6.1
SHEET NUMBER

ISSUE FOR CONSTRUCTION

Sediment Barrier Sd1



DEFINITION

Sediment barriers are temporary structures made up of a porous material typically supported by steel or wood posts. Types of sediment barriers may include silt fence, brush piles, brush berms, compost filter socks or other filtering material.

PURPOSE

To minimize and prevent sediment carried by sheet flow from leaving the site and entering natural drainage ways or storm drainage systems by slowing storm water runoff and causing the deposition and/or filtration of sediment at the structure. The barriers retain the soil on the disturbed land until the activities disturbing the land are completed and vegetation is established.

CONDITIONS

Barriers should be installed where runoff can be stored behind the barrier without damaging the submerged area behind the barrier or the structure itself. Sediment barriers shall not be installed across streams, ditches, waterways, or other concentrated flow areas.

DESIGN CRITERIA

Sediment barriers are designed to retain sediment transported by sheet flow from disturbed areas. It is important for the design professional to take into account the profile of the product for use on the site.

Sediment Barriers should also provide a riprap splash pad or other outlet protection device for any point where flow may overtop the sediment barrier. Ensure that the maximum height of the barrier at a protected, reinforced outlet does not exceed 1 foot and that the support spacing does not exceed 4 feet.

Where all runoff is to be stored behind the sediment barrier (where no storm water disposal system is present), maximum continuous slope length behind a sediment barrier shall not exceed those shown in Table 6-27.1. For longer slope lengths, slope interrupters must be used. The drainage area shall not exceed ¼ acre for every 100 feet of barrier length.

Land Slope	Maximum Slope Length Above Fence
Percent	Feet
< 2	100
2 to 5	75
5 to 10	50
10 to 20	25
>20	15

*In areas where the slope is greater than 20%, a flat area length of 10 feet between the toe of the slope to the barrier should be provided.

Placement

The type of sediment barrier depends on whether the area is sensitive or non-sensitive. Sensitive areas can be defined as any area that needs additional protection, these areas include but are not limited to, state waters, wetlands, or any area the design professional designates as sensitive.

When using multiple types of sediment barriers on a site in a single run, the barriers must be overlapped 18 inches or as specified by design professional. See Figure 6-27.5

CONSTRUCTION SPECIFICATIONS

Non-sensitive Areas Sd1-NS

Sediment barriers being used as Type NS shall have a support spacing of no greater than 6 feet on center, with each being driven into the ground a minimum of 18 inches.

Sensitive Areas Sd1-S

Sediment barriers being used as Type S shall have a support spacing of no greater than 4 feet on center, with each being driven into the ground a minimum of 18 inches.

*As of January 1 2016, in the existing Georgia Department of Transportation Qualified Products list #36 (QPL-36), Type A, B, or C will fall under sensitive and non-sensitive applications. Type C will be classified as sensitive and Type A and B as non-sensitive. Refer to Appendix A-2 and the Equivalent BMP List.

PRACTICE CLASSIFICATIONS

For silt fence Type A, B, or C, refer to Table 6-27.4.

Type A Silt Fence

This 36-inch wide filter fabric shall be used on developments where the life of the project is greater than or equal to six months. Type A is classified as non-sensitive application.

Type B Silt Fence

Though only 22-inches wide, this filter fabric allows the same flow rate as Type A silt fence. Type B silt fence shall be limited to use on minor projects, such as residential home sites or small commercial developments where permanent stabilization will be achieved in less than six months. Type B is classified as non-sensitive application.

Type C Silt Fence

Type C fence is 36-inches wide with wire reinforcement or equivalent. The wire reinforcement is necessary because this fabric allows almost three times the flow rate as Type A silt fence. Type C silt fence shall be used where runoff flows or velocities are particularly high or where slopes exceed a vertical height of 10 feet. Type C is classified as sensitive application.

Filter Media Sock Specifications

Compost filter media used for sediment barrier filter material shall be weed free and derived from a well-decomposed source of organic matter. Filter Media Sock is classified as a Type B, non-sensitive application. The compost shall be produced using an aerobic composting

process meeting CFR 503 regulations including time and temperature data. The compost shall be free of any refuse, contaminants or other materials toxic to plant growth. Non-composted products will not be accepted without applicable water quality test results. Test methods for the items below should follow US Composting Council Test Methods for the Examination of Composting and Compost guidelines for laboratory procedures:

A. pH – 5.0-8.0 in accordance with TMECC 04.11-A, "Electrometric pH Determinations for Compost"

B. Particle size – 99% passing a 2 inch (50mm) sieve and a maximum of 40% passing a 3/8 inch (9.5mm) sieve, in accordance with TMECC 02.02-B, "Sample Sieving for Aggregate Size Classification." (Note: In the field, product commonly is between 1/2 in./12.5mm and 2 in./50.8 mm in particle size.)

C. Moisture content of less than 90% in accordance with standardized test methods for moisture determination.

D. Material shall be test free (<1% by dry weight) of inert or foreign nonmade materials.

E. Sock containment system for compost filter media shall be a photodegradable or biodegradable knitted mesh material and should have 1/8 in. to 3/8 in., openings.

Brush Barrier Sd1-BB

(Only during timber clearing operations)

Brush obtained from clearing and grubbing operations may be piled in a row along the perimeter of disturbance at the time of clearing and grubbing. Brush barriers should not be used in developed areas or locations where aesthetics are a concern.

Brush should be wind-rowed on the contour as nearly as possible and may require compaction. Construction equipment may be utilized to satisfy this requirement.

The minimum base width of the brush barrier shall be 5 feet and should be no wider 10 feet. The height of the brush barrier should be between 3 and 5 feet tall.

A brush barrier is a good tool to use in developing pasture in an agricultural situation to prevent sediment from leaving the site until the pasture is stabilized.

If greater filtering capacity is required, a commercially available sediment barrier may be placed on the side of the brush barrier receiving the sediment-laden runoff. The lower edge of the fabric must be buried in a 6-inch deep trench immediately upland from the barrier. The upper edge must be stapled, tied or otherwise fastened to the brush barrier. Edges of adjacent fabric pieces must overlap each other. See Figures 6-27.5.

Installation

Sediment barriers should be installed along the contour.

Temporary sediment barriers shall be installed according to the following specifications as shown on the plans or as directed by the design professional.

For installation of the barriers, See Figures 6-27.1, 6-27.2, 6-27.3, 6-27.4, 6-27.5, and 6-27.6, respectively. It is important to remember that not all sediment barriers need to be trenched into the ground but most taller sediment barriers do.

Post installation shall start at the center of a low point (if applicable) with the remaining posts spaced no greater than 6 feet apart for Type NS sediment barriers and no greater than 4 feet apart for Type C sediment barriers. For post requirements, see Table 6-27.2. Fasteners for wood posts are listed in Table 6-27.3.

Static Slicing Method

The static slicing machine pulls a narrow blade through the ground to create a slit 1/2" deep, and simultaneously inserts the silt fence fabric into this slit behind the blade. The blade is designed to slightly disrupt soil upward next to the slit and to minimize horizontal compaction, thereby creating an optimum condition for compacting the soil vertically on both sides of the fabric. Compaction is achieved by rolling a tractor wheel along both sides of the slit in the ground 2 to 4 times to achieve nearly the same or greater compaction as the original undisturbed

Soil. Sediment barriers shall be replaced whenever they have deteriorated to such an extent that the effectiveness of the product is reduced (approximately six months) or the height of the product is not maintaining 80% of its properly installed height.

MAINTENANCE

Sediment barrier shall be removed once it has accumulated to one-half the original height of the barrier.

Along all state waters and other sensitive areas, two rows of Type S sediment barriers should be placed. The two rows of Type S should be placed a minimum of 36 inches apart.

When a SEDIMENT BARRIER is used, show the product height in inches for each barrier being used on site.

Table 6-5.3

DURABLE SHRUBS AND GROUND COVERS FOR PERMANENT COVER

Ground covers include a wide range of low-growing plants planted together in considerable numbers to cover large areas of the landscape. Ground covers grow slower than grasses. Needs are likely to compete, especially at first year. Maintenance is needed to ensure survival. These ground covers will not be used unless proper maintenance is planned. Maintain much at least three inches and plants provide adequate cover.

Fall planting is encouraged because the need for constant watering is reduced and plants have time to establish new roots before hot weather.

Common Name	Scientific Name	Mature Height	Plant Spacing	Comments
Albela	Abelia grandiflora	3-4 ft.	5 ft.	Also a prostrate form 2 ft. high. Sun, semi-shade. Semi-evergreen.
Carolina Yellow Jessamine	Gelsemium sempervirens	low	3 ft.	Yew. Yellow, trumpet-like flowers. Hardy, one of best vines. Evergreen. Native to Georgia.
Carpet Blue	Allysi reptans	2-4 in.	3 ft.	Needs good drainage, partial shade. Blue or white flowers. Evergreen.
Heathery Cotonestee	Cotonestee damieri	2-4 ft.	5 ft.	White flowers, red fruit. Sun. Evergreen.
Ground Cover Cotonestee	Cotonestee scabellulae 'Hepper'	1-2 ft.	5 ft.	White flowers, red fruit. Sun. Evergreen.
Rock Cotonestee	Cotonestee sp.	1-2 ft.	5 ft.	Semi-evergreen. Sun.
Virginia Creeper	Parrhinocissus quinquefolia	low	3 ft.	Red in fall. Vine. Deciduous. Native to Georgia.
Daylily	Hemerocallis spp.	2-3 ft.	2 ft.	Many flower colors. Full sun. Very hardy.
English Ivy	Hedera helix	low	3 ft.	Shade only. Climbs.

GSWCC (Amended - 2005)

Table 6-5.4

DURABLE SHRUBS AND GROUND COVERS FOR PERMANENT COVER

Common Name	Scientific Name	Mature Height	Plant Spacing	Comments
Prince of Wales Juniper	Juniperus horizontalis 'Prince of Wales'	8-10 in.	4 ft.	Featherly appearance.
Sargent Juniper	Juniperus chinensis 'Sargentii'	1-2 ft.	5 ft.	Full sun. Needs good drainage. Good winter color.
Shore Juniper	Juniperus conferta	2-3 ft.	5 ft.	Emerald Sea or Blue Pacific cultivars are good.
Liriope	Liriope muscari	8-10 in.	3 ft.	
Creeper Liriope	Liriope spicata	10-12 in.	1 ft.	Spreads by runners.
Big Leaf Petalostemum	Vinca major	12-15 in.	4 ft.	Light flowers in spring. Semi-shade.
Common Petalostemum	Vinca minor	5-6 in.	4 ft.	Lavender-blue flowers in spring. Semi-shade.
Chester Rose	Rosa laevigata	2 ft.	5 ft.	Rampant grower. Not for restricted spaces. State flower.
Memora Rose	Rosa wichuriana	2 ft.	5 ft.	Rampant grower.
St. Johnswort	Hypericum calycinum	8-12 in.	3 ft.	Semi-shade.
Anthony Waterer Spirea	Spirea bumalda	3-4 ft.	5 ft.	Sun.
Thunberg Spirea	Spirea thibetica	3-4 ft.	5 ft.	Sun.

Table 6-5.4

TREES FOR EROSION CONTROL

SITE	SOIL MATERIAL	COMMON SOILS	PLANTING TREE SPECIES 1/	SPACING	PLANTING DATES 2/
Borrow areas, graded areas, and spoil material	Sandy	Lakeland, Troup	Loblolly pine (Pinus taeda)	2/	M-LP 12/1-3/15 C 12/1-3/1
			Longleaf pine (Pinus palustris)		
	Loamy	Orangeburg, Troup	Loblolly pine	2/	M-LP 12/1-3/15 C 12/1-3/1
			Slash pine		
	Clay	Camel, Facombe	Loblolly pine	2/	M-LP 12/1-3/15 C 12/1-3/1
			Slash pine		
			Virginia pine (Pinus virginiana)		
Streambanks	Willow 4/ (Safe species)			2 ft x 2 ft	ALL 1/1/15 - 3/15

1/ Other trees and shrubs listed on Table 6-25.3 may be interplanted with the pines for improved wildlife benefits.

2/ Type of planting Tree Spacing No. of Trees Per Acre

Trees alone 4 ft. x 4 ft. 272

Trees in combination with grasses and/or other plants 6 ft. x 6 ft. 1210

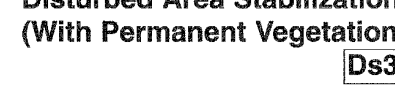
3/ M-LP represents the Mountains; Blue Ridge; and Ridge and Valley MLRAs R represents the Southern Piedmont MLRA C represents the Southern Coastal Plain; Sand Hills; Black Lands; and Atlantic Coast Flatwoods MLRAs (See Figure 6.4.1).

4/ Fertilization of companion crop is ample for this species.

GSWCC (Amended - 2005)

Sd1 SEDIMENT BARRIER NTS

Disturbed Area Stabilization (With Permanent Vegetation) Ds3



that within the growing season a 70% coverage by perennial vegetation shall be achieved. Final stabilization applies to each phase of construction. For linear construction projects on land used for agricultural or silvicultural purposes, final stabilization may be accomplished by stabilizing the disturbed land for its agricultural or silvicultural use. Until this standard is established and permanent control measures and best practices are operational, interim stabilization measures and temporary erosion and sedimentation control measures shall not be removed.

CONDITIONS

Permanent perennial vegetation is used to provide a protective cover for exposed areas including cuts, fills, dikes, and other denuded areas.

PLANNING CONSIDERATIONS

1. Use conventional planting methods where possible. 2. When no seedlings are done during regular planting periods, companion crop shall be used. 3. No tillage is effective when planting is done following a summer or winter annual cover crop. Surface erosion should not be allowed to occur until the companion crop is established.

PURPOSE

To protect the soil surface from erosion and runoff to reduce damage from sediment and runoff to downstream areas. To improve wildlife habitat and visual resources. To improve aesthetics.

REQUIREMENT FOR REGULATORY COMPLIANCE

This practice shall be applied immediately to rough graded areas that will be undisturbed for longer than six months. The practice or seeding shall be applied immediately to all areas at final grade. Final stabilization means that all existing activities at the site have been completed, and that for ungraded areas in permanent vegetation or equivalent permanent stabilization measures such as the use of rip rap, gabions, permanent mulches or geotextiles have been employed. Permanent vegetation shall consist of planted trees, shrubs, perennial vines, a crop of perennial vegetation appropriate for the region, such as:

Shrubs and Small Trees
Bayberry, Bicolor, Lespedeza, Crabapple, Dogwood, Hackberry or Native Blueberry, Mountain Laurel, Native Holly, Red Cedar, Red Mulberry, Sycamore, Wax Myrtle, Wild Plum and Blackberry.

Plant in patches without tall trees to develop stable shrub communities. All produce fuels used by many kinds of wildlife, except for lespedeza when produced seeds used by gnat and songbirds.

Grasses, Legumes, Vines and Temporary Cover
Bahagiana, Bermudagrass, Grass-Legume mixtures, Parrotia, Paspalum, Lycopodium, Orchidgrass (for mountains), Bromopis Millet (for temporary cover), and Native Grasses.

PLANNING CONSIDERATIONS

1. Use conventional planting methods where possible. 2. When no seedlings are done during regular planting periods, companion crop shall be used. 3. No tillage is effective when planting is done following a summer or winter annual cover crop. Surface erosion should not be allowed to occur until the companion crop is established.

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Table 6-5.2

PLANTS, PLANTING RATES, AND PLANTING DATES FOR PERMANENT COVER

Species	Seedling Size	Planting Rate	Planting Dates	Remarks
BARBA, PRINCESSIA (Panicum)	1000 seed per pot	3000/acre	1/15-3/15	1000 seed per pot per acre. Low maintenance. Good for erosion control. Use with other species.
BARBA, PRINCESSIA (Panicum)	1000 seed per pot	3000/acre	1/15-3/15	1000 seed per pot per acre. Low maintenance. Good for erosion control. Use with other species.
BARBA, PRINCESSIA (Panicum)	1000 seed per pot	3000/acre	1/15-3/15	1000 seed per pot per acre. Low maintenance. Good for erosion control. Use with other species.
BARBA, PRINCESSIA (Panicum)	1000 seed per pot	3000/acre	1/15-3/15	1000 seed per pot per acre. Low maintenance. Good for erosion control. Use with other species.
BARBA, PRINCESSIA (Panicum)				

DATE	RELEASE
05.27.17	RELEASED FOR CONSTRUCTION

CHECKED BY: A.K.
 DRAWN BY: A.O.

NOTE:
 THESE DRAWINGS ARE THE PROPERTY OF ARE KOHN ARCHITECTS, P.C. AND SHALL NOT BE USED, REPRODUCED, AND/OR MODIFIED WITHOUT WRITTEN CONSENT FROM ARE KOHN ARCHITECTS, P.C.

GENERAL NOTES

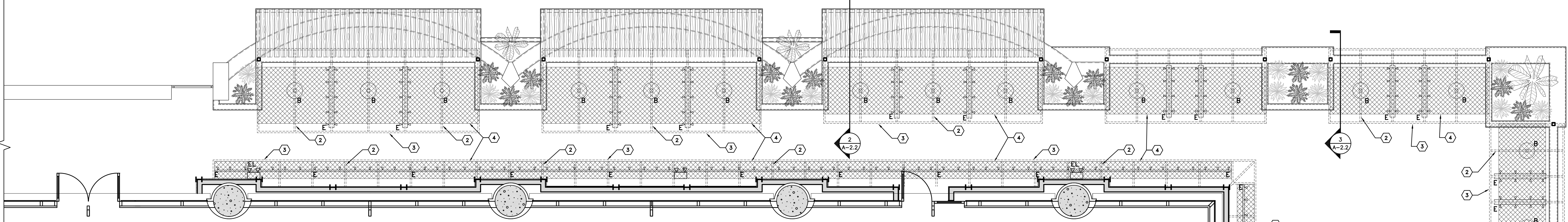
- GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY PROBLEMS WITH CEILING HEIGHTS OR LIGHT FIXTURES BEFORE FINISH CEILING IS INSTALLED. IF THE CONTRACTOR FAILS TO DO SO, HE SHALL BE RESPONSIBLE FOR TAKING DOWN THE CEILING AND LIGHT FIXTURES AND REINSTALLING THEM IN A CONFIGURATION ACCEPTABLE TO THE ARCHITECT, AT NO ADDITIONAL COST.
- COORDINATE WORK WITH OTHER TRADES HAVING WORK IN THE CEILING INCLUDING, BUT NOT LIMITED TO, TELEPHONE, SECURITY, CABLE COMPANIES, ETC., WHEREVER THEIR RESPECTIVE WORK IS CONTIGUOUS.
- ALL MATERIALS SHALL HAVE CLASS I FLAME SPREAD RATING AND BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN SPECIFICATIONS AND CODES.
- SEE ENGINEERS DRAWINGS FOR LIGHTING AND MECHANICAL LAYOUTS. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES NOTED BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS, OR BETWEEN ENGINEERING DISCIPLINES.
- COORDINATE LOCATION OF ALL LIGHT FIXTURES WITH OWNER PRIOR TO CONSTRUCTION
- ALL LIGHT FIXTURES TO BE PROVIDED BY OWNER.

CEILING FIXTURE LEGEND

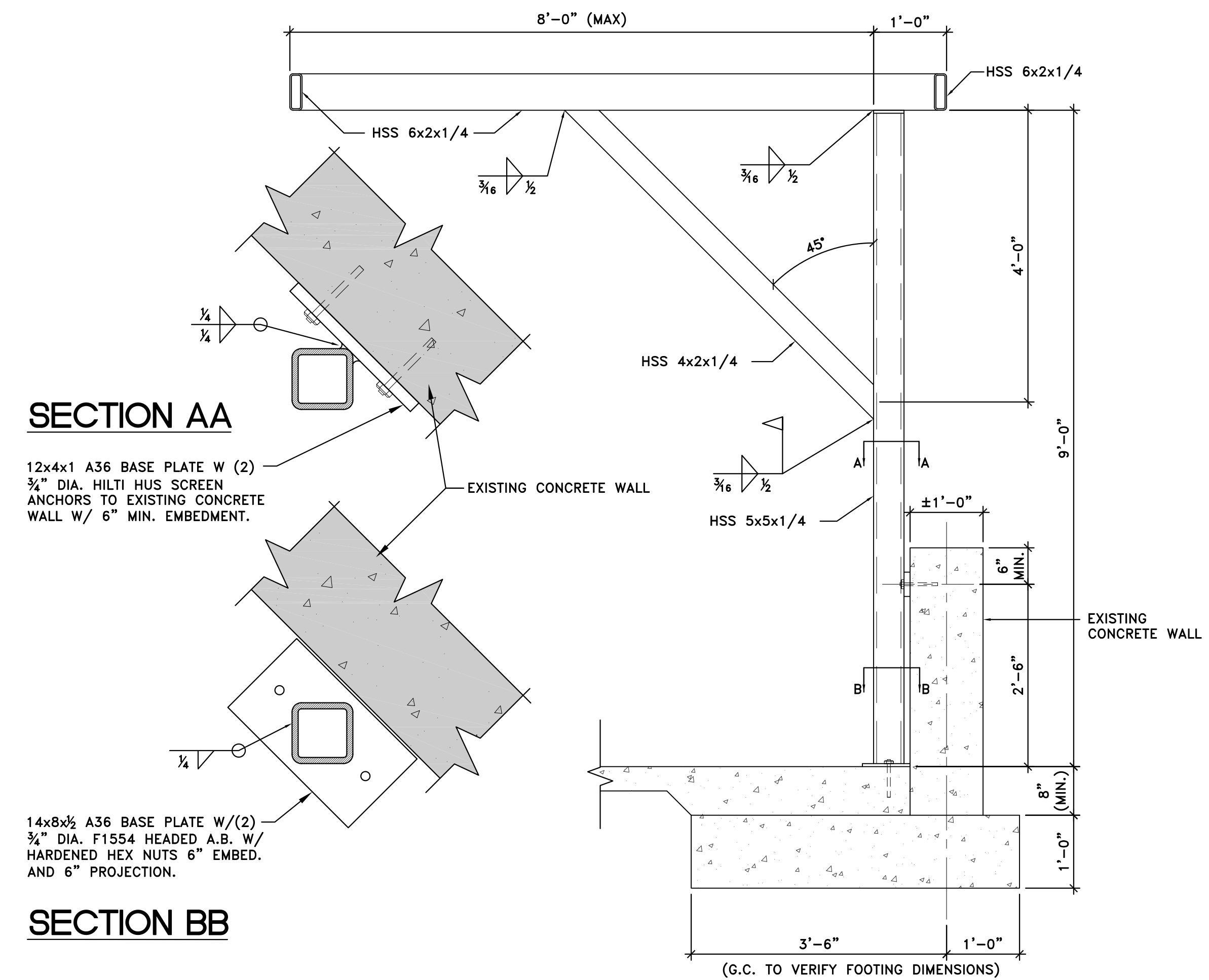
	AWNING CHANDELIER
	VESTIBULE CHANDELIER
	TRACK LIGHTS
	EXIT SIGN / EMERGENCY LIGHT
	EXTERIOR EMERGENCY LIGHT
	EMERGENCY LIGHT

KEYED NOTES:

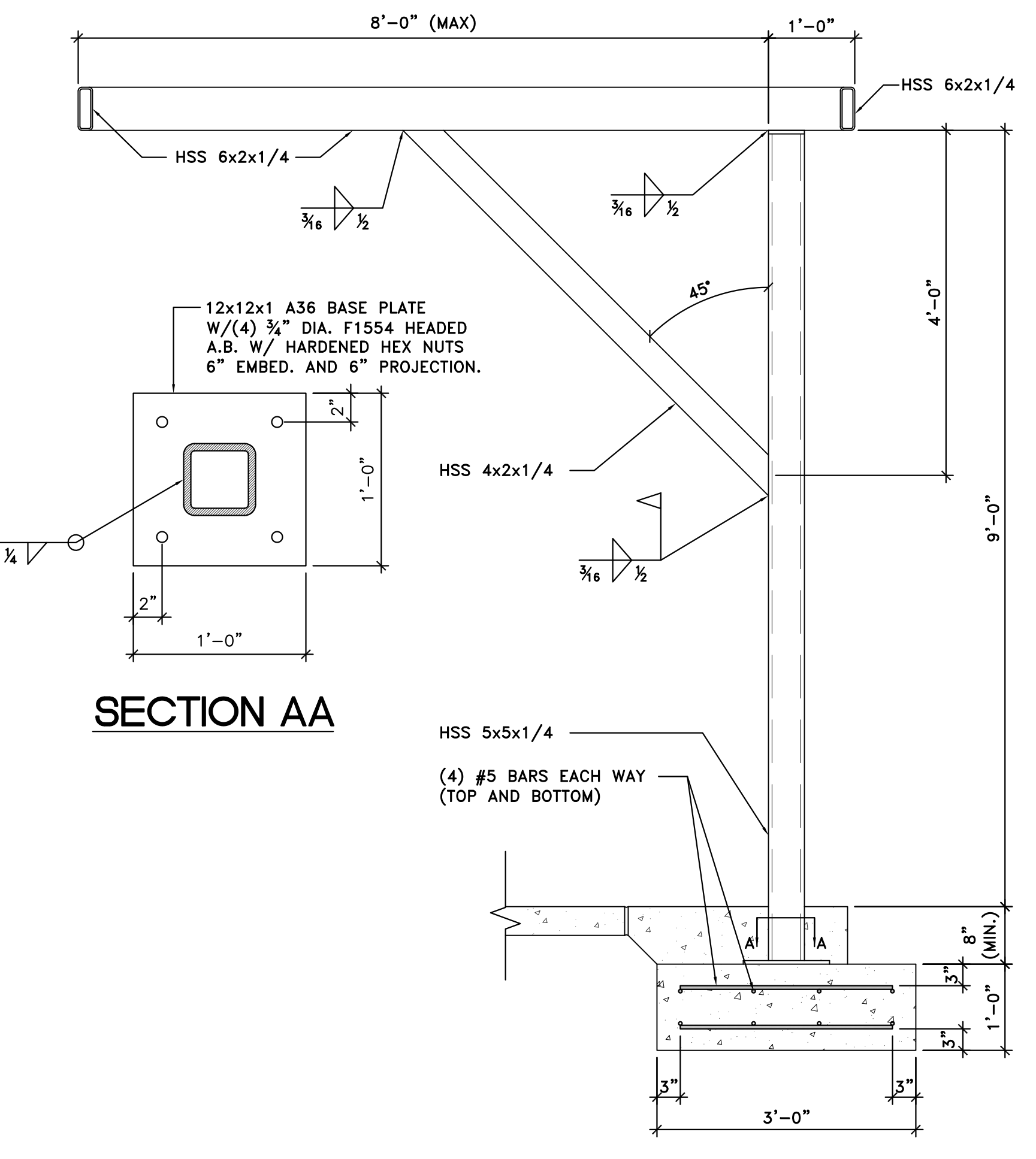
- SEE SHEET A-2.1 FOR REFLECTED CEILING PLAN AT BAR AREA.
- 2" SQUARE STEEL TUBE - SEE PATIO SECTIONS.
- NEW STRUCTURAL AWNINGS, SEE PATIO FRAMING PLANS.
- HATCHING REPRESENTS AREA WHERE DECORATIVE FABRIC IS TO BE INSTALLED, SUNBRELLA CANVAS WHITE 57003-0000 INDOOR / OUTDOOR UPHOLSTERY FABRIC.
- 5/8" GYPSUM BOARD CEILING. PAINT PER OWNER'S RECOMMENDATIONS.
- EXISTING ENTRY METAL DOOR FRAME TO REMAIN.



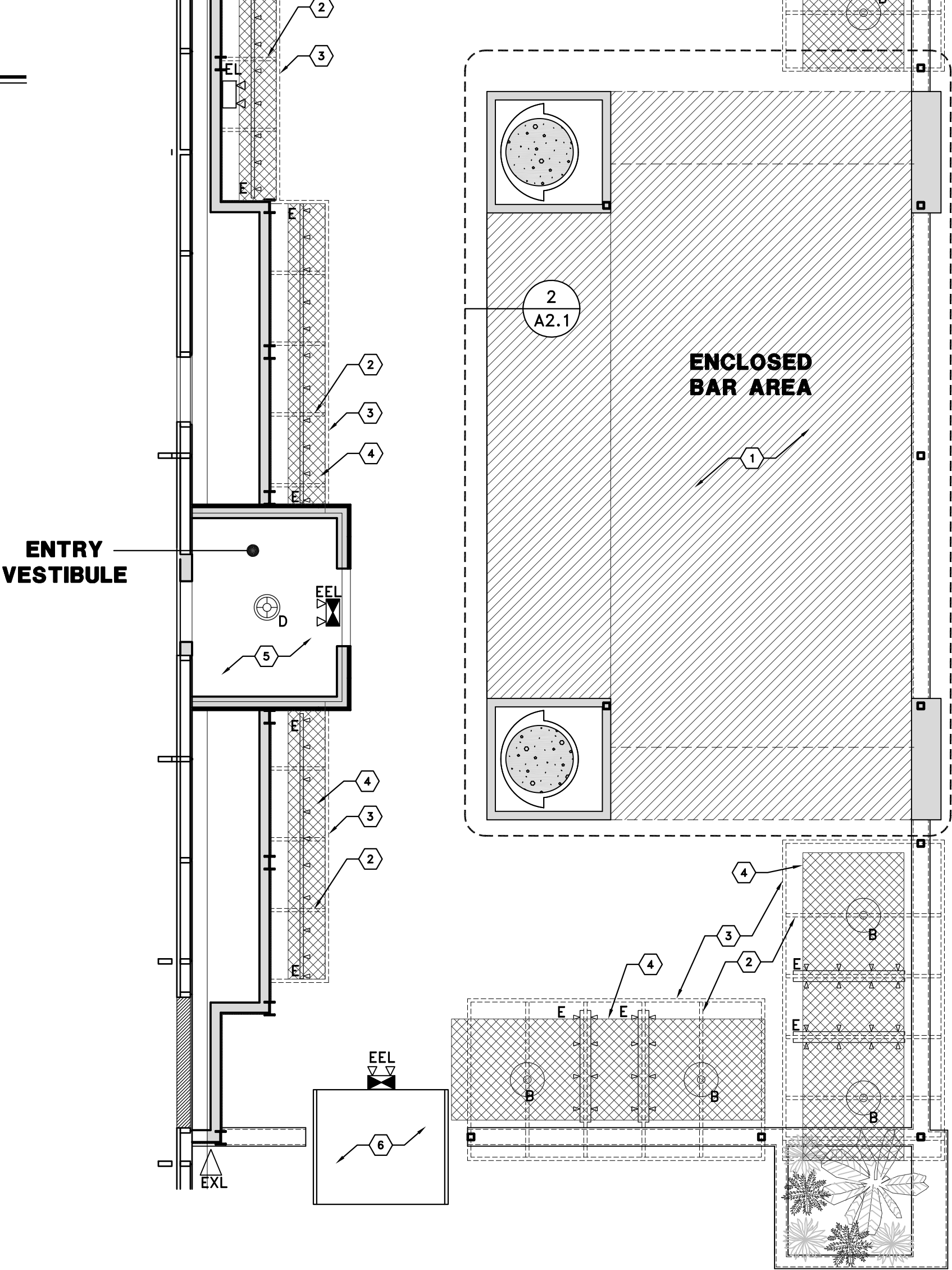
1 REFLECTED CEILING FLOOR PLAN - DINING AREA
 SCALE: 3/16" = 1'-0"



2 OUTSIDE CANOPY COLUMN @ EXISTING RETAINING WALL
 SCALE: 3/4" = 1'-0"



3 OUTSIDE CANOPY COLUMN
 SCALE: 3/4" = 1'-0"



PROJECT FOR:
FIKRET KOVAC
 3871 TRICKUM ROAD NE
 MARIETTA, GA 30066
 (404) 456-2329

ARE KOHN ARCHITECTS, PC
 74 WOODSTOCK ROAD, ROSWELL, GA 30075
 TEL. (770) 642-9030 FAX. (770) 642-3755
 EMAIL: info@akoharch.com



3500 LENOX ROAD NE, SUITE 100 PROJECT: 01640
 ATLANTA, GA 30326 DATE: 05/27/17
ALTERATION OF EXISTING RESTAURANT
LITTLE ALLEY STEAK
RESTAURANT

ELECTRICAL SPECIFICATIONS AND NOTES:

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE 2014 NATIONAL ELECTRICAL CODE (NFPA 70), AS MODIFIED BY THE STATE, COUNTY, CITY AND/OR OTHER LOCAL CODES. THE SERVICE AND METERING SHALL COMPLY WITH THE REQUIREMENTS OF THE ELECTRICAL UTILITY. PRIOR TO DISTURBING THE SOIL, CONTACT THE UNDERGROUND UTILITY LOCATION SERVICE TO LOCATE AND FLAG ALL EXISTING UNDERGROUND PIPING, COMMUNICATION AND ELECTRICAL DISTRIBUTION CABLES/CONDUIT.
- THE CONTRACTOR SHALL PROVIDE ALL MATERIAL, LABOR, AND EQUIPMENT NECESSARY TO FURNISH A COMPLETE AND OPERABLE ELECTRICAL SYSTEM. ALL WORK SHALL BE PERFORMED IN A NEAT AND PROFESSIONAL MANNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING THE COST FOR ALL NECESSARY TEMPORARY ELECTRICAL POWER FOR CONSTRUCTION USE.
- THE CONTRACTOR SHALL OBTAIN, PURCHASE, AND MAINTAIN ALL PERMITS, AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES FOR THE DURATION OF THIS PROJECT.
- THE CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS, AND MAKE ALL FINAL CONNECTIONS, TO EQUIPMENT FURNISHED BY OTHER TRADES. THE CONTRACTOR SHALL GUARANTEE ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE COMPLETED PROJECT.
- PANELBOARDS AND OTHER ELECTRICAL EQUIPMENT SHALL BE INSTALLED AS SHOWN ON THE PLANS, UNLESS NOTED OTHERWISE. MOUNT ALL WALL-MOUNTED, SURFACE TYPE, GROUPED ELECTRICAL EQUIPMENT ON 3/4" THICK EXTERIOR GRADE PLYWOOD, PAINTED GRAY, OR CONCRETE BLOCK WALLS, WHERE APPROVED BY THE STRUCTURAL ENGINEER. FLOOR-MOUNTED EQUIPMENT SHALL BE INSTALLED ON A 4" HIGH CONCRETE PAD WITH CHAMFERED EDGES. VERIFY THE DEPTH OF RECESSED PANELS AND WALL CAVITIES, AND COORDINATE THE INSTALLATION WITH THE ARCHITECTURAL DRAWINGS, AND THE GENERAL CONTRACTOR. WORKING CLEARANCES SHALL BE 36" (FOR 208 VOLT SYSTEM) MINIMUM, AND WIDTH OF EQUIPMENT OR 30" MINIMUM, WHICHEVER IS GREATER, WIDE, PER NEC ARTICLE 110.26. WHERE A PANELBOARD OR LOADCENTER IS LOCATED IN A STORAGE OR EQUIPMENT ROOM (NOT A CORRIDOR OR THE KITCHEN) THAT IS NOT PARTITIONED FROM OTHER USES, PAINT THE LIMITS OF THE WORKING CLEARANCES FROM NEC ARTICLE 110.26 ON THE FLOOR IN FRONT OF THE EQUIPMENT.
- THE CONTRACTOR SHALL VERIFY AND COORDINATE WITH OTHER TRADES THE INSTALLATION OF ALL OVERCURRENT DEVICES COMPLY WITH NEC 240.24. THE CONTRACTOR SHALL TAKE THE PROPER ACTION AS REQUIRED TO COMPLY WITH THIS REQUIREMENT.
- THE CONTRACTOR SHALL COORDINATE THE WIDTH, DEPTH, HEIGHT, DOOR SWINGS, AND NEC ARTICLE 110.26 CLEARANCES FOR ALL PANELS, TRANSFORMERS, STARTERS, AND SAFETY SWITCHES TO INSURE THAT ALL EQUIPMENT FITS WITHIN THE SPACE ALLOWED.
- IDENTIFY PANELBOARDS, SAFETY SWITCHES, STARTERS, CONTROLS, AND OTHER ELECTRICAL EQUIPMENT WITH ENGRAVED PLASTIC NAMEPLATES HAVING CONTRASTING 1/4" HIGH (OR LARGER) LETTERS, WITH NAMES TO MATCH THE SCHEDULES OR OTHER DRAWING REFERENCES. TYPED-WRITTEN PANEL DIRECTORIES SHALL BE PROVIDED IN ALL PANELBOARDS IN ACCORDANCE W/ NEC 408.4(A), AND SHALL REFLECT AS-BUILT CONDITIONS. ALSO, LABEL ALL PANELBOARDS IN ACCORDANCE W/ NEC 110.16, 110.24(A) AND 408.4(B).
- ALL WIRING, CONSISTING OF INDIVIDUAL CONDUCTORS, SHALL BE INSTALLED IN CONDUIT, EXCEPT WHERE SPECIFICALLY SHOWN ON THE DRAWINGS. ALL EXTERIOR CONDUITS AND EXPOSED CONDUITS SHALL BE RIGID GALVANIZED STEEL, OR INTERMEDIATE METAL CONDUIT, BUT THEY SHALL NOT BE MIXED ON THIS PROJECT. WHERE USED IndoORS MAY BE EMT. CONCEALED CIRCUITS MAY BE RUN IN EMT OR BE TYPE MC CABLE (BY). NON-METALLIC SHEATHED (TYPE NM) CABLES IS NOT PERMITTED ON THIS PROJECT. IN FINISHED AREAS WITH CAVITY TYPE WALL CONSTRUCTION, ALL CONDUIT SHALL BE CONCEALED, UNLESS NOTED OTHERWISE. IN FINISHED AREAS WITH NON-CAVITY TYPE WALL CONSTRUCTION, SURFACE MOUNTED GR, IMC, OR EMT SHALL BE USED. CONDUITS, SERVING AREAS OUTSIDE THE KITCHEN AREA, SHALL NOT BE RUN UNDER THE FLOOR IN THE KITCHEN AREA, UNLESS NOTED OTHERWISE. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A NYLON PULL CORD RATED FOR 200 POUND TENSION. ANY OF THE FOLLOWING TYPES OF RACEWAYS MAY BE USED, SUBJECT TO THE NEC AND THE ADDITIONAL RESTRICTIONS LISTED, IF ANY.
 - CONCEALED:
 - GRS, OR IMC.
 - EMT. COMPRESSION, OR SET SCREW FITTINGS, BUT NOT BOTH TYPES.
 - PVC. SCHEDULE 40. SCHEDULE 80 WHERE INDICATED ON THE DRAWINGS.
 - TYPE MC CABLE. ONLY ABOVE ACCESSIBLE CEILINGS, IN WALL CAVITIES, AND ADDITIONAL USAGES AS APPROVED BY AUTHORITY HAVING JURISDICTION, AND OWNER.
 - EXPOSED:
 - GRS, OR IMC.
 - EMT. COMPRESSION, OR SET SCREW FITTINGS. ONLY WHERE USED IndoORS AND NOT SUBJECT TO PHYSICAL DAMAGE.
 - FLEXIBLE METAL CONDUIT.
 - LIQUIDTIGHT FLEXIBLE METAL CONDUIT. OUTSIDE AND WHERE MOISTURE IS PRESENT.
- PROVIDE EXPANSION FITTINGS IN ALL RIGID RACEWAYS CROSSING STRUCTURAL EXPANSION JOINTS. FURNISH AND INSTALL ALL SUPPORTS REQUIRED FOR CONDUIT, MATERIALS, DEVICES, EQUIPMENT AND THE LIKE, WHERE THE BUILDING STRUCTURE IS NOT ADAPTED OR SUITABLE FOR MOUNTING SAME DIRECTLY THEREON. RACEWAYS SHALL NOT BE USED AS SUPPORTS FOR BOXES OR OTHER ELECTRICAL EQUIPMENT. PLENUM CABLE SUPPORT BRACKETS SHALL BE OPEN ON ONE SIDE, AND CABLES SHALL BE ATTACHED WITH PLASTIC CABLE TIES. ALL RACEWAY PENETRATIONS, THROUGH FIREWALLS, SHALL BE SEALED WITH UL LISTED SEALING COMPOUNDS TO MAINTAIN THE FIRE RATING OF THE WALL. ALL RACEWAYS/SLEEVES PASSING THROUGH AREAS OF DIFFERENT TEMPERATURES, I.E. FROM WARMER AREAS TO WALK-IN COOLERS, AND FREEZERS, INSIDE TO OUTSIDE OF BUILDINGS AND CONNECTIONS TO REFRIGERATED EQUIPMENT, SHALL BE SEALED WITH AN APPROVED PUTTY OR DUCT-SEAL TO PREVENT THE CIRCULATION OF WARM AIR TO A COLDER SECTION OF THE RACEWAY OR SLEEVE. ALL RACEWAY PENETRATIONS THROUGH EXTERIOR AND INTERIOR WALLS AND FLOORS SHALL BE PROPERLY SEALED.
- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF RACEWAY SYSTEMS AND ROUGHING-IN FOR ALL LOW VOLTAGE (LV) EQUIPMENT [COMPUTER, DATA, SECURITY, POINT-OF-SALE (POS), MUSIC, PAGING, INTERCOM, FIRE DETECTION, TV, AND TELEPHONE] WITH THE OWNER AND EQUIPMENT SUPPLIER(S) PRIOR TO THE INSTALLATION OF CONDUITS, JUNCTION BOXES, WIRING DEVICES, AND WIRING. ALL EMPTY CONDUITS SHALL BE PROVIDED WITH A NYLON PULL CORD. ALL WIREWAYS, PULL BOXES, DEVICE BOXES, AND JUNCTION BOXES SHALL BE SIZED PER JIC, NEMA, AND THE NATIONAL ELECTRICAL CODE. ALL WIRING WITHIN BOXES AND WIREWAYS SHALL BE TAGGED WITH PANEL AND CIRCUIT NUMBERS.
- TWENTY AMP BRANCH CIRCUITS MAY BE SHOWN WITH EITHER SINGLE CIRCUIT, OR THREE CIRCUIT (MULTIWIRE BRANCH CIRCUIT) HOME RUNS. THREE CIRCUIT HOME RUNS SHARE A COMMON NEUTRAL, UNLESS NOTED OTHERWISE AND GROUND IN A SINGLE CONDUIT. THE CONTRACTOR MAY ELECT TO COMBINE SINGLE CIRCUIT HOME RUNS TO MAKE THREE CIRCUIT HOME RUNS, OR TO CHANGE THREE CIRCUIT HOME RUNS TO SINGLE CIRCUIT HOME RUNS. ALL MULTIWIRE BRANCH CIRCUITS SHALL HAVE A MEANS TO SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE PANEL TO COMPLY W/ NEC 210.4(B).
- PROVIDE SEPARATE GREEN, INSULATED GROUND WIRE IN ALL RACEWAYS.
- ALL WIRING SHALL BE 600 VOLT, COPPER, STRANDED, WITH TYPE XHHW OR THHN/THWN INSULATION. MINIMUM SIZE FOR POWER AND LIGHTING CIRCUITS BE 12 AWG. SIZES 10 AWG AND SMALLER SHALL BE SOLID. PROVIDE AN EQUIPMENT GROUND WIRE IN ALL RACEWAYS, AND CABLE ASSEMBLIES. SIZE EQUIPMENT GROUNDS PER TABLE 250.122 OF THE NATIONAL ELECTRICAL CODE. CONDUCTOR COLOR CODES SHALL MATCH EXISTING FACILITY.

USE CONDUCTORS #8 AND SMALLER WITH COLOR FACTORY-APPLIED THE ENTIRE LENGTH OF THE CONDUCTORS. COLOR CODING FOR THE LARGER SIZES MAY BE ACCOMPLISHED BY USING COLORED, 1 INCH WIDE, PRESSURE-SENSITIVE PLASTIC TAPE IN HALF-LAPPED TURN FOR A DISTANCE OF 6 INCHES FROM TERMINAL POINTS. APPLY THE LAST TWO LAPS OF TAPE WITH NO TENSION TO PREVENT POSSIBLE UNWINDING.

POST IDENTIFICATION MEANS IN ACCORDANCE WITH NEC 210.5 (C).
- ALL ELECTRICAL EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES (OR OTHER INDEPENDENT NATIONALLY RECOGNIZED TESTING AGENCY, WHERE APPLICABLE), AND SHALL BE RATED FOR THE MAXIMUM AVAILABLE VOLTAGE AND AVAILABLE FAULT CURRENT FOR THIS PROJECT. ALL DEVICE BOXES SHALL BE INSTALLED FLUSH, AND CONDUITS RUN CONCEALED IN FINISHED AREAS, EXCEPT AS SPECIFICALLY SHOWN OR NOTED OTHERWISE. VERIFY ALL DOOR SWINGS BEFORE INSTALLING SWITCH BOXES. SEE ARCHITECTURAL DRAWINGS FOR CABINET WORK, WALL SECTIONS, ELEVATIONS, AND OTHER DETAILS AFFECTING THE MOUNTING HEIGHT AND LOCATION OF OUTLET BOXES.
- WIRING DEVICES: DUPLEX RECEPTACLES SHALL BE 20A., 125 VOLTS, COMMERCIAL SERIES, HEAVY DUTY, SPECIFICATION GRADE, BACK AND SIDE WIRED, WITH GROUNDING TERMINAL AND SHALL BE IVORY UNLESS NOTED OTHERWISE. HUBBELL CS321 OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. ISOLATED GROUND DUPLEX RECEPTACLES SHALL BE 20A., 125 VOLTS, HUBBELL CR5352IGI OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. AC TOGGLE SWITCHES SHALL BE 20A., 120-277 VOLTS, COMMERCIAL SERIES, HEAVY DUTY, SPECIFICATION GRADE, BACK AND SIDE WIRED, WITH GROUNDING TERMINAL AND SHALL BE IVORY UNLESS NOTED OTHERWISE. HUBBELL CSB120I, TWO POLE, HUBBELL CSB220I, THREE WAY, HUBBELL CSB320I, FOUR WAY, HUBBELL CSB420I OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLES SHALL BE 20A., 125 VOLTS, COMMERCIAL SPECIFICATION GRADE, HUBBELL GF20I/A OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA. GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLES SHALL NOT BE THE FEED THROUGH TYPE, BUT STAND ALONE GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLES. NEW INTERIOR EXPOSED DEVONE PLATES, IN ALL LOCATIONS WHERE SPECIFIED AND/OR THE KITCHEN SHALL BE TYPE 302/304 STAINLESS STEEL. ALL OTHER INTERIOR PLATES SHALL BE NYLON, STANDARD SIZE, AND GANGED FOR MULTIPLE DEVICES AT A SINGLE LOCATION. VERIFY THE DECOR THEME WITH THE ARCHITECT AND COORDINATE COLOR AS REQUIRED. WHERE USED OUTDOORS OR IN WET LOCATIONS ALL 15 OR 20A 125 OR 250V NON-LOCKING RECEPTACLES SHALL BE WEATHER-RESISTANT LISTED, IN DAMP AREAS, THE OUTLET COVERS FOR 15 OR 20A, 125 OR 250V DEVICES SHALL BE "WEATHERPROOF WHILE IN USE", HUBBELL WP26E OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA.
- ALL WALL OUTLETS THAT ARE SHOWN BACK TO BACK, IN FIRE RATED WALLS, SHALL BE INSTALLED WITH A MINIMUM OF 24" OF HORIZONTAL SEPARATION (TWO STUDS) PER NEC ARTICLE 300.21, AND UL REQUIREMENTS. IN WALL SPACES WHERE THE 24" SEPARATION IS NOT POSSIBLE, BLOCKING AND GYPSUM BOARD PROVISIONS, TO MAINTAIN THE FIRE RATING OF THE WALL, SHALL BE PROVIDED BY OTHERS, NOT BY THIS CONTRACTOR.
- ALL 125 VOLT, 15 OR 20 AMP NON-LOCKING RECEPTACLES WITHIN 6'-0" OF ANY PLUMBING FIXTURE, AND/OR WHERE INDICATED, SHALL BE 20A., 125 VOLTS, COMMERCIAL SERIES, HEAVY DUTY, SPECIFICATION GRADE, BACK AND SIDE WIRED, WITH GROUNDING TERMINAL GROUND FAULT INTERRUPTER OUTLETS, HUBBELL GF20I/A, OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA.
- ALL 125 VOLT, SINGLE PHASE, 15 OR 20 AMP RECEPTACLES IN NON-DWELLING UNIT KITCHENS SHALL BE GROUND FAULT INTERRUPTER OUTLETS, HUBBELL GF20I/A, OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA, AS REQUIRED BY NEC 210.8(B).
- ALL 125 VOLT, 15 OR 20 AMP CIRCUITS SERVING A DISHWASHER, VENDING MACHINE, OR ELECTRIC DRINKING FOUNTAIN SHALL BE PROTECTED WITH A GROUND FAULT TYPE BRANCH CIRCUIT BREAKER. ALIGN ALL SIMILAR WIRING DEVICES IN THE SAME ROOM AT THE SAME HEIGHTS AND DISTANCES FROM ARCHITECTURAL FEATURES, UNLESS NOTED OTHERWISE. GANG ALL DEVICE BOXES AT THE SAME LOCATION, WHERE ALLOWED BY CODE. PROVIDE DIVIDERS TO SEPARATE LOW VOLTAGE (I.E., THERMOSTAT) DEVICES FROM POWER DEVICES (I.E., SWITCHES). ALL EXTERIOR WIRING DEVICES SHALL BE BLACK, OR GRAY, OR BROWN, UNLESS NOTED OTHERWISE.
- ALL UNIT EQUIPMENT FOR EMERGENCY LIGHTING SHALL BE CONNECTED TO BRANCH CIRCUITS FOR NORMAL LIGHTING IN THE SAME AREA, UNLESS NOTED OTHERWISE, AHEAD OF ANY LOCAL SWITCHES OR CONTACTORS PER NEC ARTICLE 700.12(F).
- ALL NIGHT LIGHTING, EXIT LIGHTING AND EMERGENCY LIGHTING SHALL BE CONNECTED TO BRANCH CIRCUITS FOR NORMAL LIGHTING IN THE SAME AREA, UNLESS NOTED OTHERWISE, AHEAD OF ANY LOCAL SWITCHES OR CONTACTORS.
- LUMINAIRES INSTALLED IN INSULATED CEILINGS SHALL BE IC RATED, AND INSTALLED PER THE LUMINAIRE MANUFACTURER'S AND UL LISTING REQUIREMENTS.
- LUMINAIRES RECESSED IN FIRE RATED CEILINGS SHALL HAVE AN UL LISTED ASSEMBLY AROUND THE FIXTURE HOUSING THAT MEETS OR EXCEEDS THE RATING OF THE CEILING. THE FIXTURE SHALL BE INSTALLED PER THE LUMINAIRE MANUFACTURER'S AND UL LISTING REQUIREMENTS. THE CONTRACTOR SHALL VERIFY WITH THE ARCHITECT PRIOR TO BID THE LOCATION OF ALL FIRE RATED ASSEMBLIES. THIS PROJECT MAY UTILIZE BOTH ACCESSIBLE AND NON-ACCESSIBLE TYPE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR ACTUAL CEILING TYPES IN EACH AREA. LIGHTING CIRCUITS IN NON-ACCESSIBLE CEILINGS MUST UTILIZE FIXTURE-MOUNTED JUNCTION BOXES WHICH ARE USUALLY LIMITED TO EIGHT (8) WIRES IN THEIR CAPACITY. CIRCUITING FOR THE LIGHTING IS SCHEMATIC, BUT GENERALLY ATTEMPTS TO SHOW THESE CONSIDERATIONS. HOWEVER, CONTRACTOR MAY WANT TO PROVIDE SUPPLEMENTARY JUNCTION BOXES IN ACCESSIBLE AREAS, OR OVERSIZE FIXTURE BOXES TO OPTIMIZE THE WIRING.
- ELECTRICAL DRAWINGS ARE IN PART DIAGRAMMATIC. LOCATE LIGHTING FIXTURES SYMMETRICALLY OR IN PROPER RELATION TO FINISHED AREAS UNLESS OTHERWISE DIMENSIONED IN DETAIL. THE CONTRACTOR SHALL COORDINATE ALL LUMINAIRE LOCATIONS AND CLEARANCES WITH THE DUCTWORK, THE REFLECTED CEILING PLAN, HVAC PLAN, AND OTHER DRAWINGS TO AVOID CONFLICTS.
- A NUMERAL BESIDE BRANCH CIRCUIT OUTLET INDICATES PANELBOARD CIRCUIT CONNECTION. UPPER-CASE LETTER OR LETTER-GROUP BESIDE LIGHTING FIXTURE INDICATES FIXTURE TYPE. LOWER-CASE LETTER BESIDE LIGHTING FIXTURE OUTLET INDICATES LOCAL SWITCH LEG CONNECTION. ELECTRICAL SYMBOLS USED ARE APPLICABLE GENERALLY; FOR EXACT REQUIREMENTS REFER TO APPLICABLE SCHEDULES AND DETAILS AND TO THE SPECIFICATIONS. HOWEVER, COMBINING OF CIRCUITS IN RACEWAYS, OTHER THAN DETAILED, WILL NOT BE PERMITTED. RUNNING OF BRANCH CIRCUITS, OTHER THAN THE ONE SERVING THE FIXTURE, THROUGH LIGHTING FIXTURE CHANNELS OR HOUSINGS WILL NOT BE PERMITTED.
- ALL SAFETY SWITCHES SHALL BE FURNISHED BY THE CONTRACTOR, UNLESS NOTED OTHERWISE AND SHALL NOT BE MOUNTED ON ACCESS PANELS OF EQUIPMENT. SAFETY SWITCHES SHALL BE GENERAL ELECTRIC, SQUARE D, CUTLER-HAMMER, SIEMENS ENERGY & AUTOMATION, OR APPROVED EQUAL, CONTINGENT UPON FULL COMPLIANCE WITH ALL CRITERIA, AND SHALL BE FUSED AND/OR NOT FUSED AS INDICATED. 240 VOLT, THREE OR TWO POLE, HEAVY DUTY, IN A NEMA 3R ENCLOSURE FOR OUTDOOR USE OR WHERE MOISTURE IS PRESENT, AND NEMA 1 ENCLOSURE FOR INDOOR USE, UNLESS NOTED OTHERWISE, ALL FUSES SHALL BE NON-RENEWABLE, DUAL ELEMENT, TIME DELAY, CURRENT LIMITING, CLASS J, L, RK-5, OR RK-1, WITH A 200,000 AMP AC RMS INTERRUPTING RATING, AND SHALL MEET UL STANDARD 198E.
- ALL PANELBOARDS ARE EXISTING. THE CONTRACTOR SHALL FIELD VERIFY WITHIN TEN (10) DAYS OF "NOTICE TO PROCEED" THE EXISTING CONDITION(S) OF THE PANELBOARD(S) TO DETERMINE THEY ARE IN GOOD WORKING CONDITION AND CAN ACCEPT THE SIZE AND TYPE(S) OF BREAKERS INDICATED ON THE PLANS AND IN THE SCHEDULES. THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IN WRITING OF ALL DEFICIENCIES FOUND DURING THE VERIFICATION PRIOR TO THE START OF ANY DEMOLITION OR CONSTRUCTION.

PROVIDE THE NUMBER OF SPACES AND SPARE CIRCUIT BREAKERS AS SHOWN IN THE PANELBOARD SCHEDULES.
- THE BRANCH CIRCUITS SHALL BE PHASE ADJUSTED TO PROVIDE APPROXIMATE BALANCED LOADING ON EACH PANEL, AND THE SERVICE.
- RECORDS AND SUBMITTALS: PROVIDE THE OWNER A MINIMUM OF THREE COPIES OF SHOP DRAWINGS WITH TECHNICAL DATA HIGH-LIGHTED, INDICATING THAT IT MEETS THE REQUIREMENTS FOR ELECTRICAL EQUIPMENT INSTALLED ON THIS PROJECT. SHOP DRAWINGS ARE REQUIRED FOR SAFETY SWITCHES, LUMINAIRES, DIMMING EQUIPMENT, EMERGENCY LIGHTING EQUIPMENT, RACEWAYS, CONDUCTORS, ISOLATED GROUND RECEPTACLES, LIGHTING CONTROLS AND WIRING DEVICES.

CONTRACTOR SHALL VERIFY AVAILABLE FAULT CURRENT WITH UTILITY COMPANY FOR PROPER PANEL ASYMMETRICAL INTERRUPTING RATINGS. SUBMIT THIS INFORMATION WITH THE SHOP DRAWINGS ON PANELBOARDS, ALONG WITH LETTER FROM THE POWER COMPANY.
- SHOP DRAWINGS SHALL BE BOUND HARD COPIES, ELECTRONIC COPIES ARE NOT ACCEPTABLE. SUBSTITUTIONS: ALL COSTS INCURRED BY THE ACCEPTANCE OF SUBSTITUTIONS SHALL BE BORNE BY THE CONTRACTOR. THE ONUS SHALL BE ON THE CONTRACTOR TO PROVE THAT THE SUBSTITUTIONS ARE EQUAL TO THE BASIS OF DESIGN SPECIFIED.
- MAINTAIN AS-BUILT DRAWINGS, UPDATED DAILY DURING CONSTRUCTION, AND PRESENT THE OWNER, WITHIN 30 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, WITH TWO SETS OF AS-BUILT DRAWINGS. PROVIDE THE OWNER'S PERSONNEL WITH ON-SITE INSTRUCTION IN THE OPERATION AND MAINTENANCE OF THE COMPLETED ELECTRICAL SYSTEM PRIOR TO SYSTEM ACCEPTANCE.
- PROVIDE THE OWNER WITH TWO SETS OF OPERATIONS AND MAINTENANCE (O & M) MANUALS IN ACCORDANCE WITH ASHRAE/IESNA STANDARD 90.1-2001. THE MANUALS SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:
 - SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
 - OPERATION MANUALS AND MAINTENANCE MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
- NAMES AND ADDRESSES OF AT LEAST ONE QUALIFIED SERVICE AGENCY.
- A COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE.
- EQUIPMENT FOR CONSIDERATION, BUT NOT LIMITED TO, IS AS FOLLOWS:
 - DIMMING EQUIPMENT, EMERGENCY LIGHTING EQUIPMENT, AND LIGHTING CONTROLS.
- ALL COMMUNICATIONS [CONDUITS] CABLES SHALL BE ROUTED AND SECURED AT LEAST 12" FROM FLUORESCENT FIXTURES AND POWER CIRCUITS. CROSS OTHER CIRCUITS AT 90 DEGREE ANGLE.
- MOUNT OUTLET BOXES, ABOVE ACCESSIBLE CEILINGS FOR RECESSED LUMINAIRES, ON THE BOTTOM OF BAR JOISTS, WOOD JOISTS, OR BEAMS, AND ROUTE FOUR TO SIX FOOT (4' TO 6'), TYPE MC CABLE WHIPS TO EACH FIXTURE, AS REQUIRED. COORDINATE THE LOCATIONS OF OUTLET/JUNCTION BOXES WITH THE HVAC CONTRACTOR AND OTHER TRADES TO AVOID INTERFERENCE WITH THE INSTALLATION OF DUCT WORK.
- WHERE RECESSED, OUTLET BOXES ARE INDICATED LOCATED IN FIRE RATED CEILINGS, COORDINATE THE LOCATIONS OF OUTLETS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN, CEILING FINISH PLAN, HVAC CONTRACTOR AND OTHER TRADES TO AVOID INTERFERENCE WITH THE INSTALLATION OF DUCT WORK. PROVIDE FIRE RATED ENCLOSURES LOCATED OVER THE OUTLET TO MAINTAIN THE SPECIFIED FIRE RATING OF THE CEILING.
- VERIFY THE AMPACITY REQUIREMENTS (FLA, MCA, AND MOCP), POLES (1, 2, OR 3), AND VOLTAGE FOR ALL EQUIPMENT FURNISHED BY OTHERS WITH THE CONTRACTOR OR VENDOR SUPPLYING THE EQUIPMENT PRIOR TO THE PURCHASE AND INSTALLATION OF THE SAFETY SWITCHES, RACEWAYS, WIRING, AND BRANCH CIRCUIT BREAKERS.
- REFER TO THE KITCHEN EQUIPMENT SUPPLIER DRAWINGS FOR FINAL MOUNTING HEIGHTS AND LOCATIONS OF ALL DEVICE AND JUNCTION BOXES FOR KITCHEN EQUIPMENT. REFER TO FRANCHISE STANDARD ELECTRICAL DRAWINGS FOR GENERAL REQUIREMENTS, INSTALLATION DETAILS, STANDARDS, AND NON-SPECIFIC CATERING.
- VERIFY ALL SPECIAL OUTLET TYPES, MOUNTING HEIGHTS, AND LOCATIONS SHOWN IN THE SCHEDULE WITH THE KITCHEN EQUIPMENT SUPPLIER(S) PRIOR TO PURCHASE AND INSTALLATION. VERIFY THE AMPACITY REQUIREMENTS (FLA, MCA, AND MOCP), POLES (1, 2, OR 3), AND VOLTAGE FOR ALL KITCHEN EQUIPMENT WITH THE KITCHEN EQUIPMENT SUPPLIER(S) PRIOR TO PURCHASE AND INSTALLATION OF THE PANELS AND CIRCUITS.
- TEST: UPON COMPLETION OF THE WORK, PERFORM A TEST OF THE INDIVIDUAL SYSTEMS INCLUDING FEEDERS, BRANCHES, OUTLETS, LIGHTING, MOTOR APPARATUS AND APPLIANCES, TO ASSURE COMPLIANCE WITH THESE SPECIFICATIONS AND DRAWINGS. THE TEST SHALL INCLUDE MINIMUM OF THE FOLLOWING TEST:
 - MOTOR ROTATION FOR ALL THREE PHASE MOTORS.
 - VOLTAGE READINGS AT EACH BUS IN EACH PANEL WITH ALL LOADS IN NORMAL OPERATION.
 - IMPEDANCE READINGS BETWEEN PANEL BUSSING FOR PHASE TO PHASE; PHASE TO NEUTRAL; AND PHASE TO GROUND FOR EACH PANEL.

A LETTER WITH ALL PERTINENT TEST DATA RESULTS SHALL BE SUBMITTED TO THE ARCHITECT AT LEAST FIVE (5) DAYS PRIOR TO THE COMPLETION OF THE PROJECT. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL INSTRUMENTS, LABOR, AND MATERIALS FOR ANY ESSENTIAL INTERMEDIATE AND FINAL TESTS TO PROVIDE COMPLIANCE WITH THESE SPECIFICATIONS.
- THE CONTRACTOR'S ATTENTION IS PARTICULARLY DIRECTED TO REQUIREMENTS REGARDING: SEALING OF RACEWAYS; APPROVED TYPES OF RACEWAY FITTINGS; SUPPORT OF RACEWAYS, BOXES, AND OTHER SYSTEM COMPONENTS; TAGGING OF CIRCUITS; GROUNDING JUMPERS FOR FLEXIBLE CONDUIT; IDENTIFICATION OF REMOTE CONTROL DEVICES, PANELBOARDS, ETC.; FILLING-IN OF PANELBOARD DIRECTORIES; MOUNTING HEIGHTS OF OUTLETS, CABINETS, ETC.; BUILDING AND SYSTEM GROUNDING; AND CHECKING, TESTING, AND PLACING IN SERVICE OF ALL ELECTRICAL SYSTEMS AND COMPONENTS.

- EXIT LIGHT (ARROW INDICATES DIRECTION, SHADING INDICATES FACE)
- EMERGENCY BATTERY LIGHT
- OCUPANCY SENSOR WALL SWITCH, MOUNT 48" A.F.F. U.N.O.
- SPST SWITCH RATED FOR USE W/ MOTORS
- DUPLEX RECEPTACLE, 20A., 125V. MOUNT 18" A.F.F. U.N.O.
- DUPLEX RECEPTACLE, MOUNTED 48" AFF OR 6" ABOVE COUNTER/BACKSPASH REFER TO ARCHITECTURAL DRAWINGS FOR EXACT HEIGHTS U.N.O.
- GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE, 20A., 125V. MOUNT 18" A.F.F. U.N.O.
- GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE, MOUNTED 48" AFF OR 6" ABOVE COUNTER/BACKSPASH REFER TO ARCHITECTURAL DRAWINGS FOR EXACT HEIGHTS U.N.O.
- SPECIAL RECEPTACLE AS NOTED
- OUTLET BOX (FLUSH MOUNT OR WALL MOUNTED)
- FUSED DISCONNECT SWITCH. DISCONNECT RATING AND FUSE SIZE GIVEN, FWE = FURNISHED W/ EQUIP.
- MOTOR PERMANENTLY CONNECTED WITH FLEXIBLE CONDUIT (HORSEPOWER INDICATED)
- LIGHTING AND APPLIANCE PANELBOARD
- CONDUIT, OR CABLE, CONCEALED IN WALL OR ABOVE CEILING
- HOME RUN TO PANEL AND CIRCUIT INDICATED
- CONDUIT EXPOSED ON WALL OR CEILING
- FLEXIBLE CONDUIT NOT TO EXCEED 6 FEET IN LENGTH

ELECTRICAL LEGEND

MOUNTING HEIGHTS SHOWN ARE MAXIMUM/MINIMUM HANDICAPPED ACCESSIBILITY STANDARDS - THEY SHALL NOT BE ALTERED WITHOUT WRITTEN AUTHORIZATION.

NOTE: MOUNTING HEIGHTS NOTED ARE TO CENTERLINE OF DEVICE SHOWN. U.N.O.

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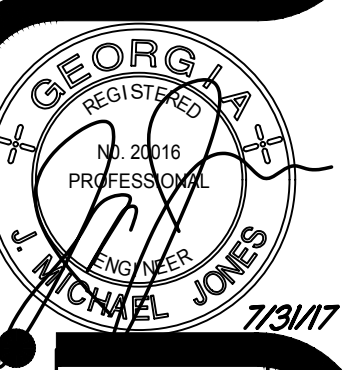
DATE	RELEASE
08.01.17	RELEASED FOR CONSTRUCTION
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CHECKED BY: JMJ
DRAWN BY: JMJ

NOTE: THESE DRAWINGS ARE THE PROPERTY OF ARIE KOHN ARCHITECTS, P.C. AND SHALL NOT BE USED, REPRODUCED, AND/OR MODIFIED WITHOUT WRITTEN CONSENT FROM ARIE KOHN ARCHITECTS, P.C.

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PROJECT: 01640
DATE: 08/01/17
3500 LENOX ROAD NE, SUITE 100
ATLANTA, GA 30328
ALTERATION OF EXISTING RESTAURANT
LITTLE ALLEY STEAK RESTAURANT
ELECTRICAL SPECIFICATIONS, NOTES, & LEGEND

E1 OF 4

SHOP DRAWING SUBMITTAL NOTE:

THE SHOP DRAWING SUBMITTAL SHALL INCLUDE AS A MINIMUM THE FOLLOWING:

- A TABLE OF CONTENTS OF ALL ITEMS INCLUDED IN THE SUBMITTAL. THIS SHALL BE SUB-DIVIDED BY CATEGORY OF DEVICES / EQUIPMENT.
- A LETTER, ON THE CONTRACTORS LETTERHEAD, WITH STATEMENTS ANY OF DEVIATIONS FROM THE DESIGN DOCUMENTS WITH EXPLANATIONS & SKETCHES AS NEEDED.
- A LETTER FROM THE UTILITY ON THEIR LETTERHEAD STATING THE AVAILABLE FAULT CURRENT AT THE SECONDARY OF THE UTILITY TRANSFORMER.
- HIGH-LIGHTED SUPPORTING DATA TO INDICATE COMPLIANCE WITH THE DESIGN DOCUMENTS.

THE SUBMITTALS SHALL NOT INCLUDE "TERM & CONDITIONS", INSTALLATION INSTRUCTIONS, OR ANY EXTRANEOUS INFORMATION THAT DOES NOT SHOW COMPLIANCE WITH THE SPECIFICATIONS. (THIS INFORMATION MAY BE SUBMITTED AS A SEPARATE DOCUMENT.)

THE SUBMITTAL SHALL BE ONE COMPLETE DOCUMENT PER DISCIPLINE.

WIRING SIZE CHART

CONTRACTOR SHALL PROVIDE WIRING FOR 120 V., 15 & 20 A. CIRCUITS (LINE TO NEUTRAL) OF SIZES BELOW DEPENDING UPON CIRCUIT LENGTH BELOW:

< 100 FT	#12 AWG (CU)
100-160 FT	#10 AWG (CU)
160-250 FT	#8 AWG (CU)

WHERE #8 AWG CONDUCTORS ARE REQUIRED USE #8 FOR ALL TRAVELERS AND SPLICE W/ #10 IN A CODE SIZED JUNCTION BOX WITHIN 10' OF DEVICE &/OR BREAKER FOR FINAL CONNECTIONS.

OTHER THAN AS NOTED ABOVE THE ENTIRE LENGTH OF FEEDER SHALL BE THE SAME CONDUCTOR SIZE.

LOW VOLTAGE NOTE:

- ALL LOW VOLTAGE SYSTEMS FOR THIS PROJECT SHALL BE PROVIDED AS "DESIGN BUILD" UNDER A SEPARATE CONTRACTS. THESE INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING SYSTEMS:
- FIRE ALARM SYSTEM
 - ACCESS CONTROL SYSTEM
 - VIDEO SURVEILLANCE
 - SECURITY ALARM
 - TELEPHONE
 - INTERCOM
 - SOUND SYSTEMS

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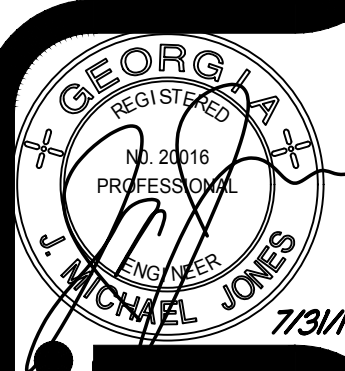
DATE	RELEASE
08.01.17.	RELEASED FOR CONSTRUCTION

CHECKED BY: JMJ
DRAWN BY: JMJ

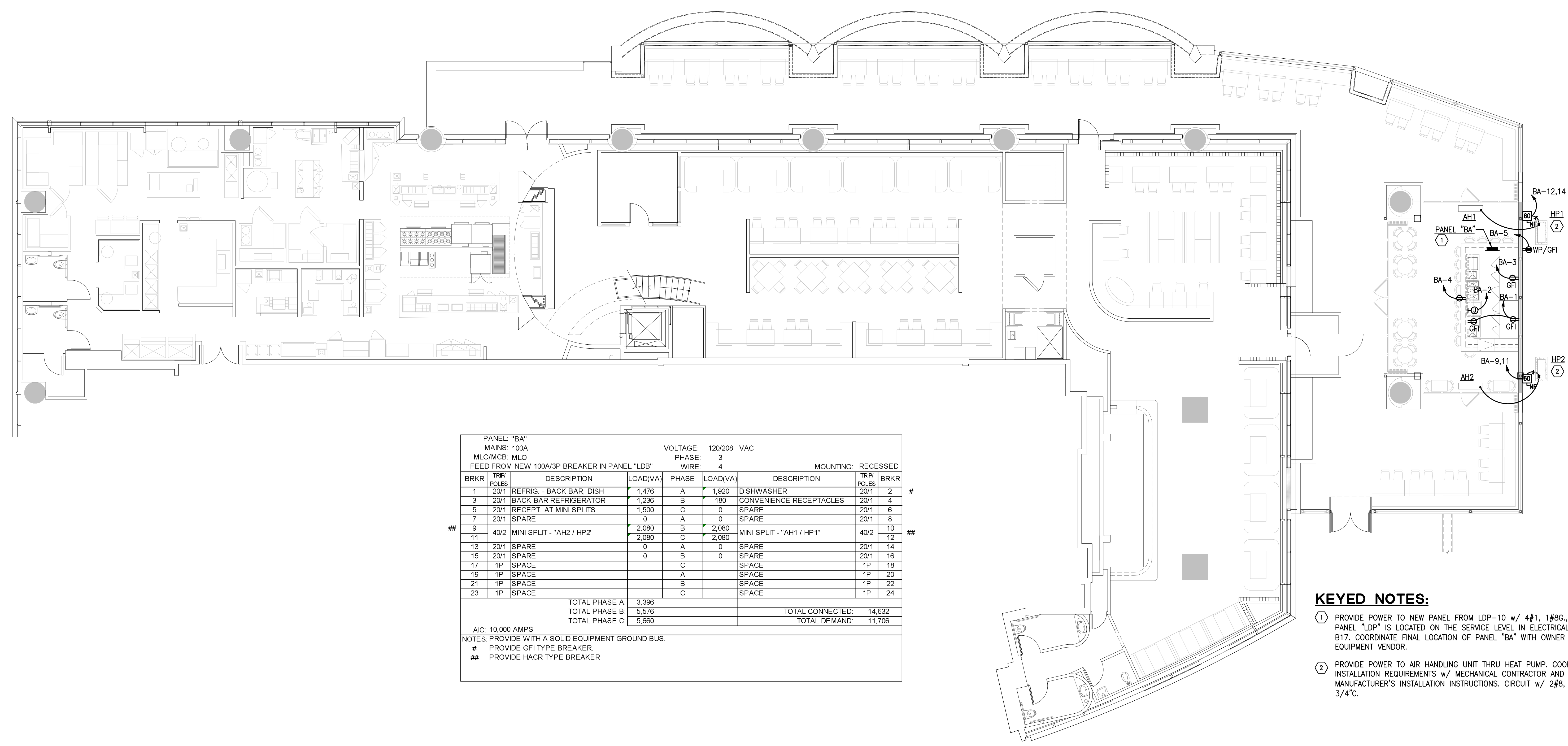
NOTE: THESE DRAWINGS ARE THE PROPERTY OF ARIE KOHN ARCHITECTS, P.C. AND SHALL NOT BE USED, REPRODUCED, AND/OR MODIFIED WITHOUT WRITTEN CONSENT FROM ARIE KOHN ARCHITECTS, P.C.

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3500 LENOX ROAD NE, SUITE 100 PROJECT: 01640 DATE: 08/01/17
ATLANTA, GA 30326
ALTERATION OF EXISTING RESTAURANT
LITTLE ALLEY STEAK RESTAURANT
POWER NEW WORK PLANS



PANEL "BA"		VOLTAGE: 120/208 VAC		MOUNTING: RECESSED					
MAINS: 100A		PHASE: 3							
MLO/MCB: MLO		WIRE: 4							
FEED FROM NEW 100A/3P BREAKER IN PANEL "LDB"									
BRKR	TRIP POLES	DESCRIPTION	LOAD(VA)	PHASE	LOAD(VA)	DESCRIPTION	TRIP POLES	BRKR	#
1	20/1	REFRIG. - BACK BAR, DISH	1,476	A	1,920	DISHWASHER	20/1	2	#
3	20/1	BACK BAR REFRIGERATOR	1,236	B	180	CONVENIENCE RECEPTACLES	20/1	4	
5	20/1	RECEPT. AT MINI SPLITS	1,500	C	0	SPARE	20/1	6	
7	20/1	SPARE	0	A	0	SPARE	20/1	8	
9	40/2	MINI SPLIT - "AH2 / HP2"	2,080	B	2,080	MINI SPLIT - "AH1 / HP1"	40/2	10	##
11	40/2	MINI SPLIT - "AH2 / HP2"	2,080	C	2,080			12	
13	20/1	SPARE	0	A	0	SPARE	20/1	14	
15	20/1	SPARE	0	B	0	SPARE	20/1	16	
17	1P	SPACE		C		SPACE	1P	18	
19	1P	SPACE		A		SPACE	1P	20	
21	1P	SPACE		B		SPACE	1P	22	
23	1P	SPACE		C		SPACE	1P	24	
			TOTAL PHASE A	3,396		TOTAL CONNECTED:	14,632		
			TOTAL PHASE B	5,576		TOTAL DEMAND:	11,706		
			TOTAL PHASE C	5,660					

AIC: 10,000 AMPS
NOTES: PROVIDE WITH A SOLID EQUIPMENT GROUND BUS.
PROVIDE GFI TYPE BREAKER.
PROVIDE HACR TYPE BREAKER

KEYED NOTES:

- 1 PROVIDE POWER TO NEW PANEL FROM LDP-10 w/ 4#1, 1#8G., 1 1/2"C. PANEL "LDP" IS LOCATED ON THE SERVICE LEVEL IN ELECTRICAL ROOM B17. COORDINATE FINAL LOCATION OF PANEL "BA" WITH OWNER AND BAR EQUIPMENT VENDOR.
- 2 PROVIDE POWER TO AIR HANDLING UNIT THRU HEAT PUMP. COORDINATE INSTALLATION REQUIREMENTS w/ MECHANICAL CONTRACTOR AND MANUFACTURER'S INSTALLATION INSTRUCTIONS. CIRCUIT w/ 2#8, 1#10G., 3/4"C.

GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY THE EXISTING PANELS CAN ACCEPT THE NEW BREAKERS / LOADS INDICATED ON THESE PLANS. IF ANY DISCREPANCIES ARE FOUND THEY SHALL NOTIFY THE OWNER AND ENGINEER WITHIN THE FIRST FIFTEEN (15) DAYS) AND PRIOR TO THE START OF ANY CONSTRUCTION OR DEMOLITION.
2. PROVIDE NEW TYPED DIRECTORIES IN ALL PANELBOARDS SERVING THIS SUITE INDICATING "AS-BUILT" CONDITIONS IN ACCORDANCE w/ NEC 408.4(A).
3. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL 20 AMP, 120 VOLT CIRCUITS THAT ARE MODIFIED IN THIS PROJECT DO NOT EXCEED 1,800 VOLT-AMPS CONNECTED LOAD.

THE CONTRACTOR SHALL FIELD VERIFY WITHIN 10 BUSINESS DAYS FROM NOTICE TO PROCEED THE EXISTING PANELBOARDS ARE IN GOOD WORKING ORDER AND CAN ACCEPT THE NEW BREAKERS SPECIFIED. IF ANY DISCREPANCIES ARE FOUND THEY SHALL NOTIFY THE OWNER AND ENGINEER IN WRITING OF ALL DISCREPANCIES FOUND.

POWER NEW WORK PLAN

SCALE: 1/8" = 1'-0"

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