



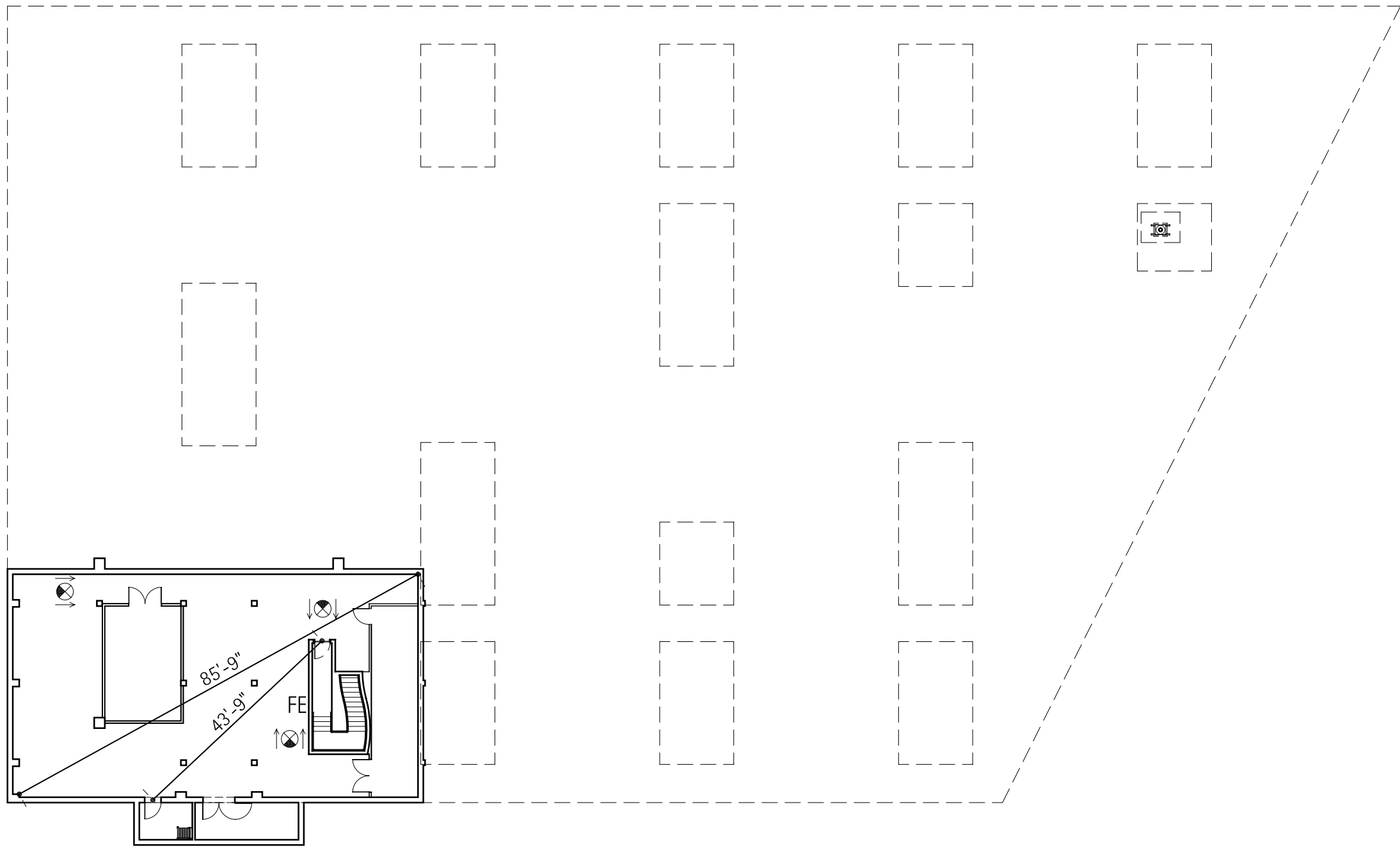
Landscape Architecture Program 2023-2024

Standard 7

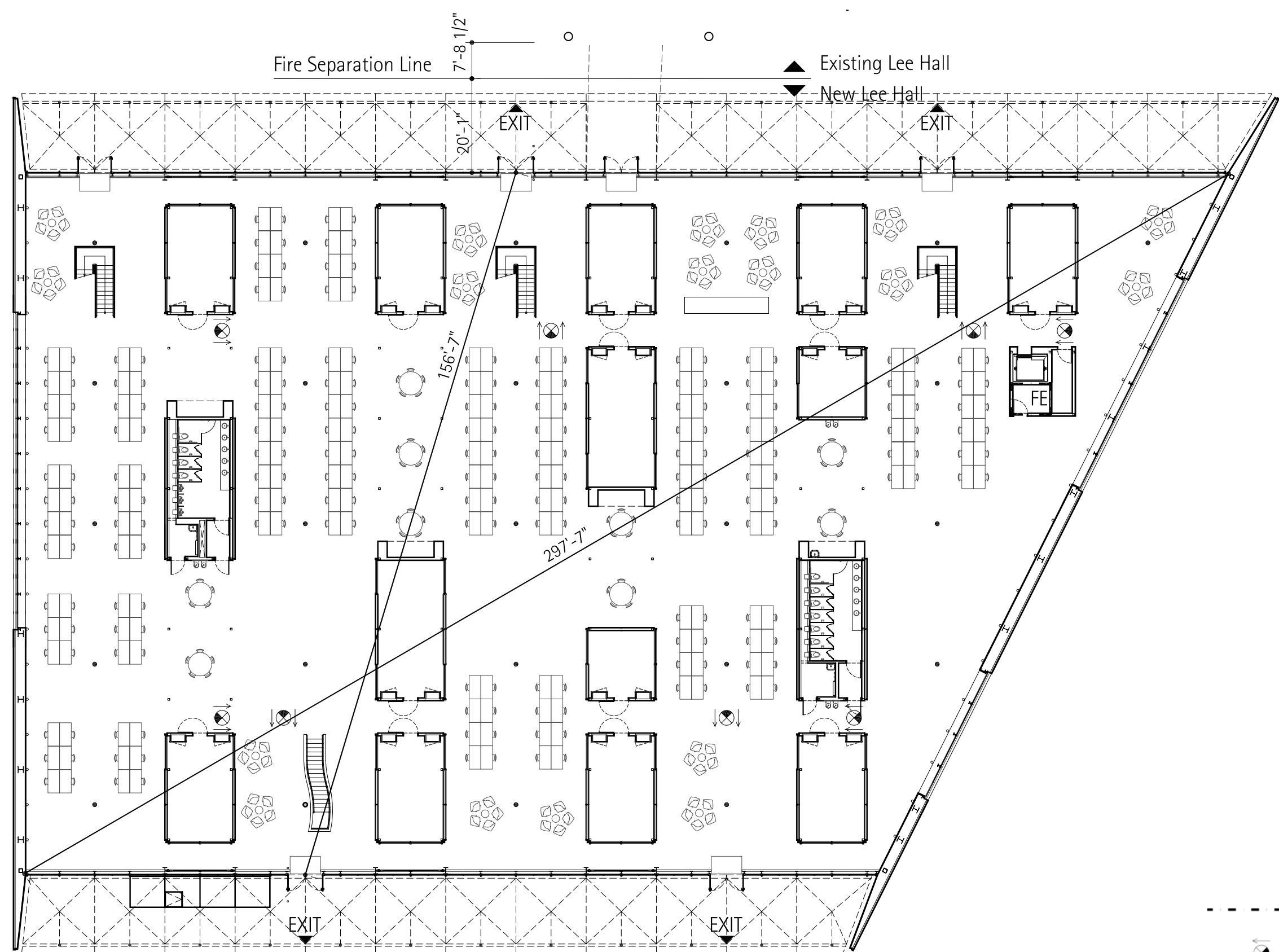
Appendix 7.1: Lee Hall III Architectural Documents and Compliance

Appendix 7.2: Lee Hall III Civil Engineering Documents and Compliance

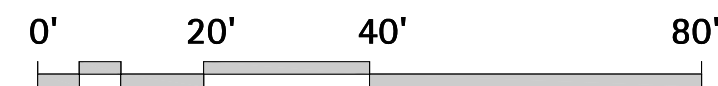
Appendix 7.3: ADA Compliance and Check List



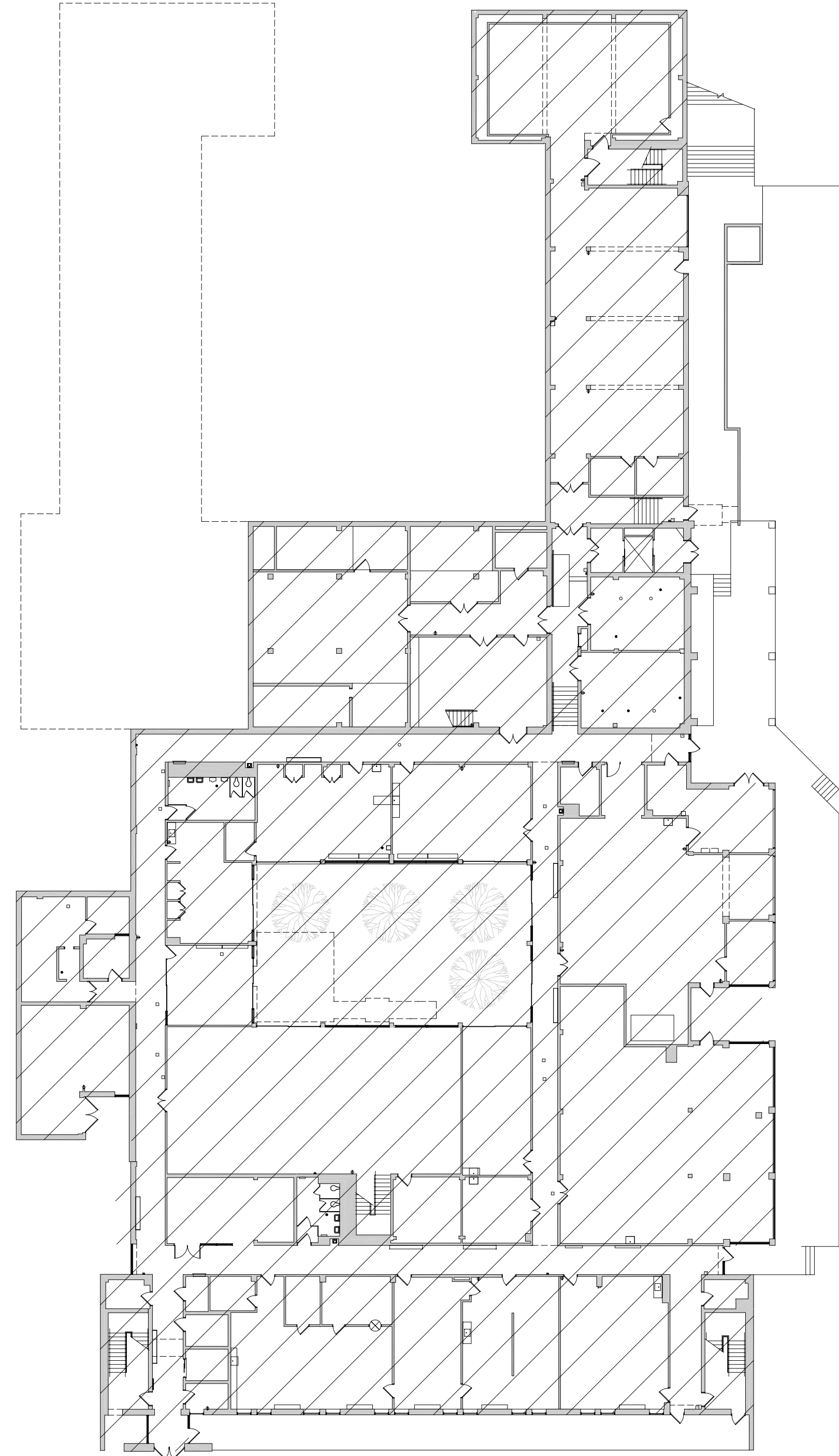
1 Life Safety Plan - Basement Level
Use Graphic Scale



2 Life Safety Plan - Level 1
Use Graphic Scale



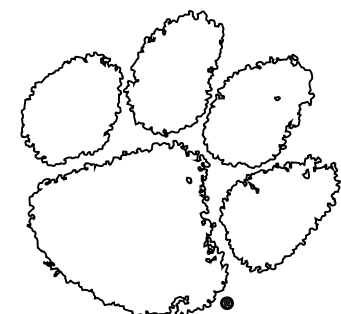
Note:
Hatch indicates area of existing building.
For Life Safety information, please
reference drawing issues for Lee I and Lee
II. These areas are shown within this set
for reference only.



- - - - - New 1-Hour Rated Construction
- Emergency Exit Signage
- Emergency Exit Signage - Floor Mounted
- FE Fire Extinguisher

Lee Hall Restoration, Renovation, Addition

Clemson University
Clemson, South Carolina



DRAWING HISTORY:			
DATE:	NO.:	ISSUED FOR:	BY:
11.25.09	DD	Progress	
06.14.10	VA	Incorporation	
07.05.10	For	Permit	
08.30.10	90%	CD -GMP Set	
11.19.10	100%	Construction Documents - Issued for Construction	

Principal in Charge:	BBS
Project Architect:	JBT
Drawn By:	MPS

LIFE SAFETY PLANS - LEVELS B AND 1

December 9, 2009	PROJ. NO.
SHEET NO.	MPS 08178.00

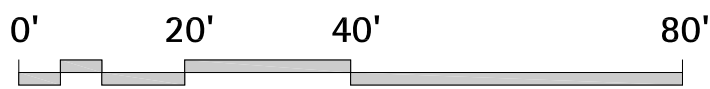
LS1.01

mc millan | pazdan | smith
architecture
charleston
po box 8922 greenville sc 29604 o. 864.242.2033 f. 864.242.2034
www.mcmillanpazdan smith.com

Consulting Architect:
Thomas Phifer and Partners
New York, NY

1 Life Safety Plan - Level 4
Use Graphic Scale

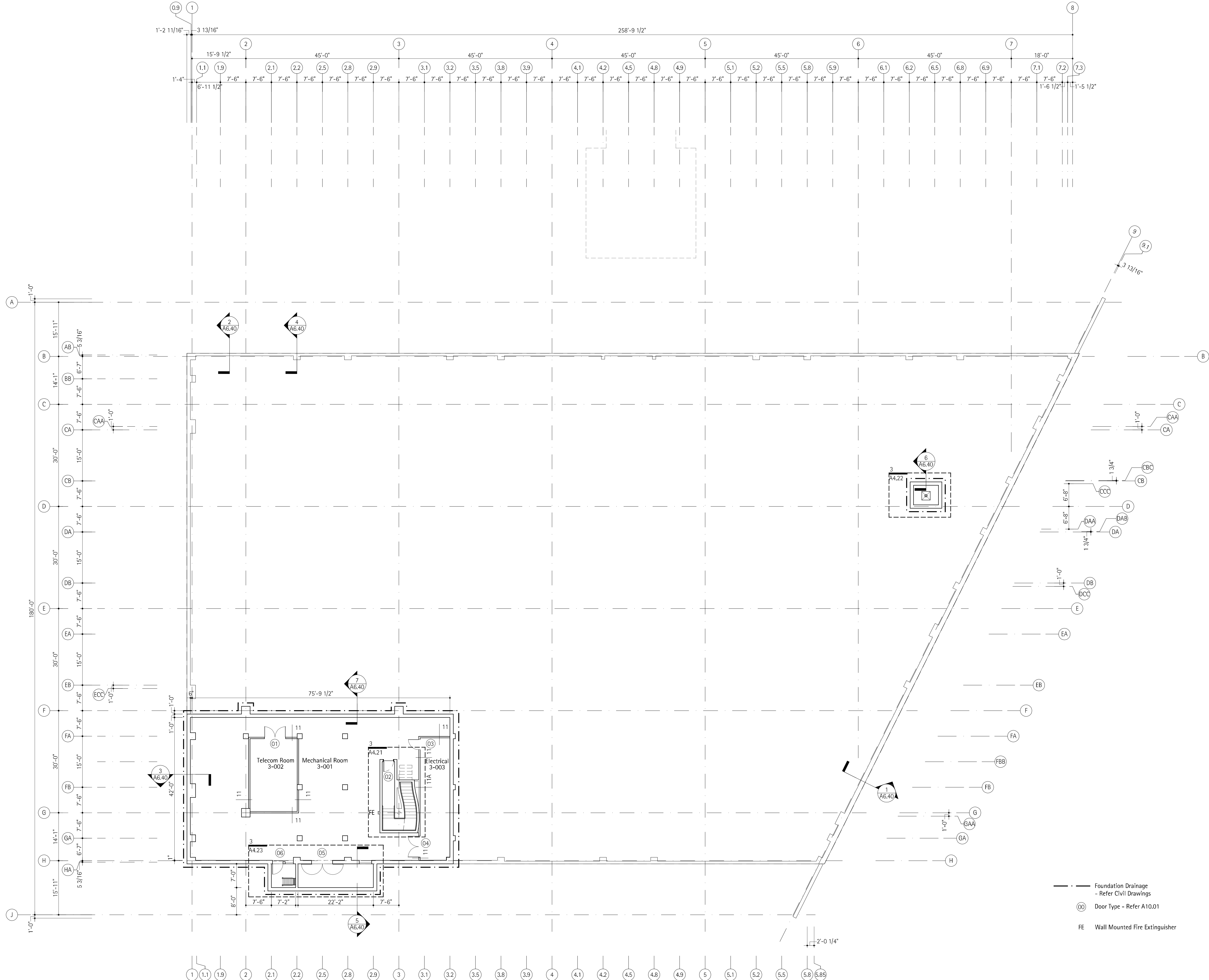
0' 20' 40' 80'

A horizontal graphic scale bar with four segments. The segments are labeled 0', 20', 40', and 80' from left to right. The bar is drawn with a double-line effect, giving it a 3D appearance.

1 Life Safety Plan - Level 4
Use Graphic Scale

LS1.03

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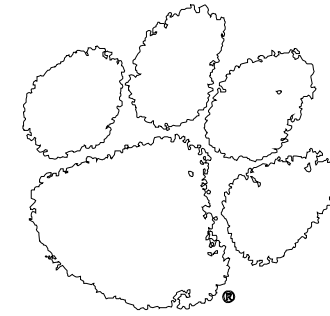


Consulting Architect:
Thomas Phifer and Partners
New York, NY

Lee Hall Complex Expansion/Renovation

OSE Proj. No. H12-9886-GW

Clemson University
Clemson, South Carolina



DRAWING HISTORY:

DATE:	NO:	REVISION:	BY:
11-25-09	1	DD Progress Set	
06-14-10	2	VA Incorporation Set	
07-05-10	3	For Permit	
08-30-10	4	90% CD - GMP Set	
11-19-10	5	100% CD - Issued for Construction	

Scale:

PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:

SHEET TITLE:

Partial Floor Plan
Basement Level

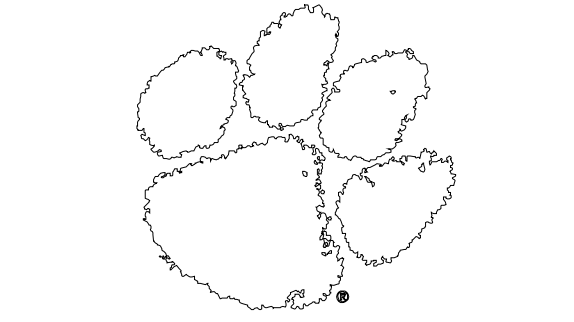
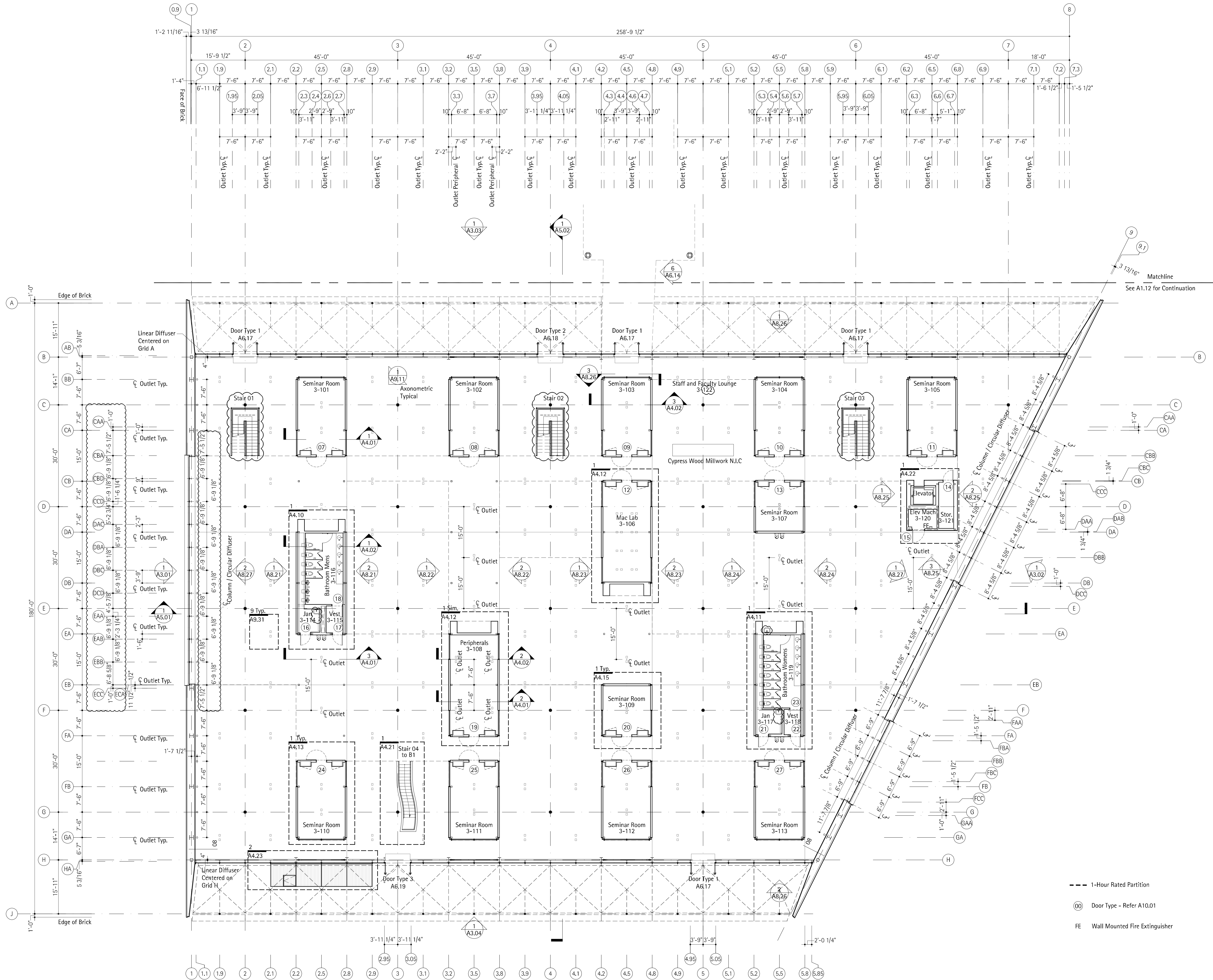
3/32" = 1'-0"
19 November 2010

SHEET NO.

PROJ. NO.
MPS 08178.00

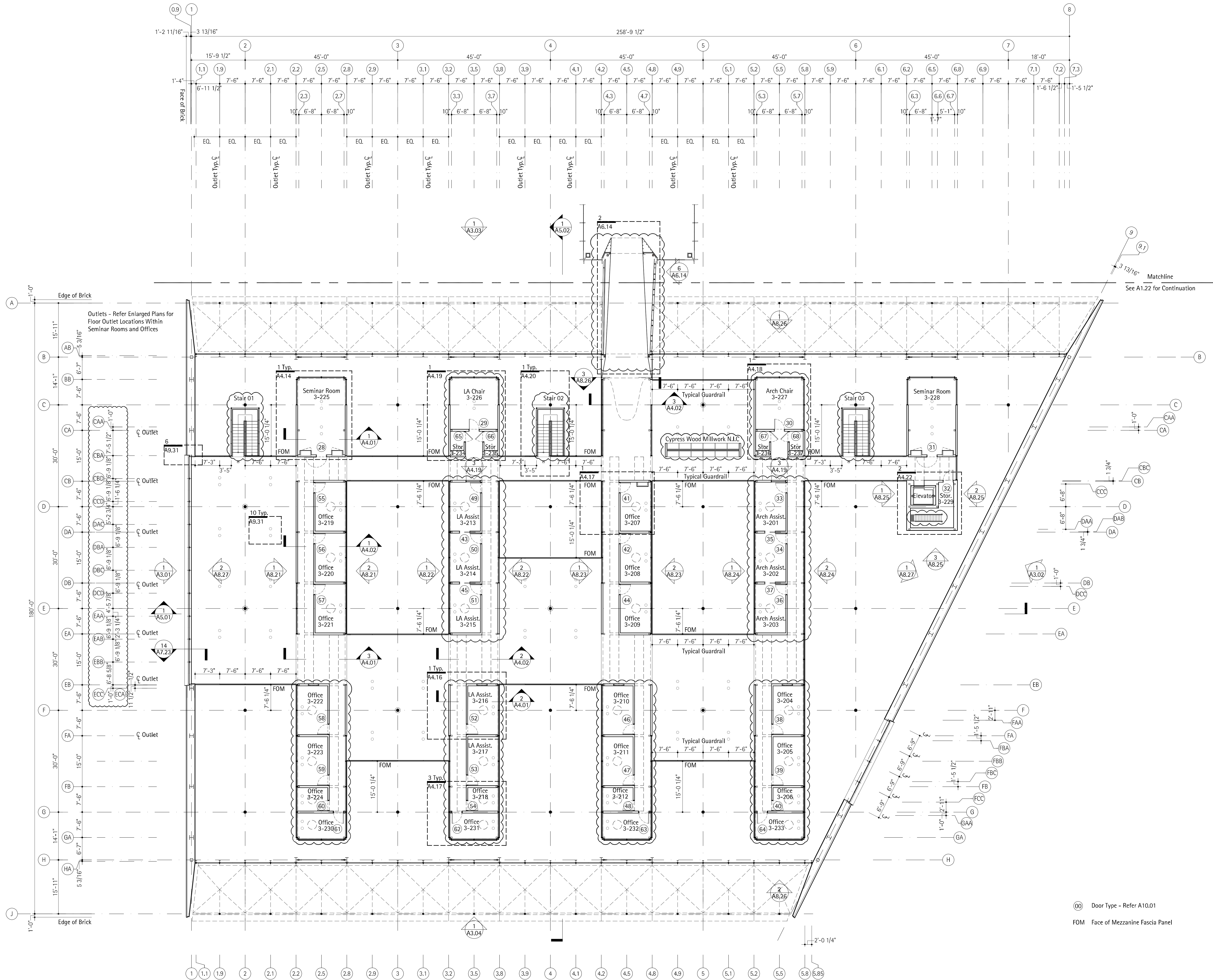
A1.03

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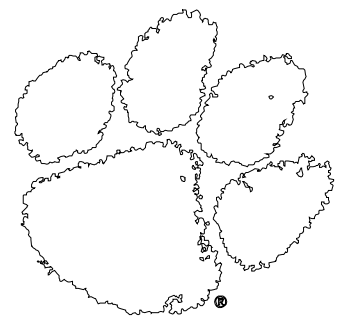
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07-05-10	3	For Permit	
08-09-10	4	Revised VA Incorporation	
08-30-10	5	90% CD - GMP Set	
11-19-10	6	100% CD - Issued for Construction	

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Consulting Architect:
Thomas Phifer and Partners
New York, NY

**Lee Hall Complex
Expansion/Renovation**
OSE Proj. No. H12-9886-GW
Clemson University
Clemson, South Carolina



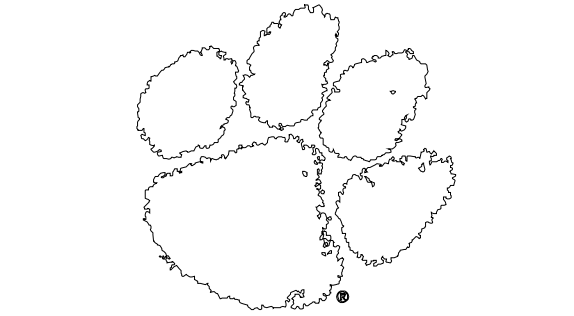
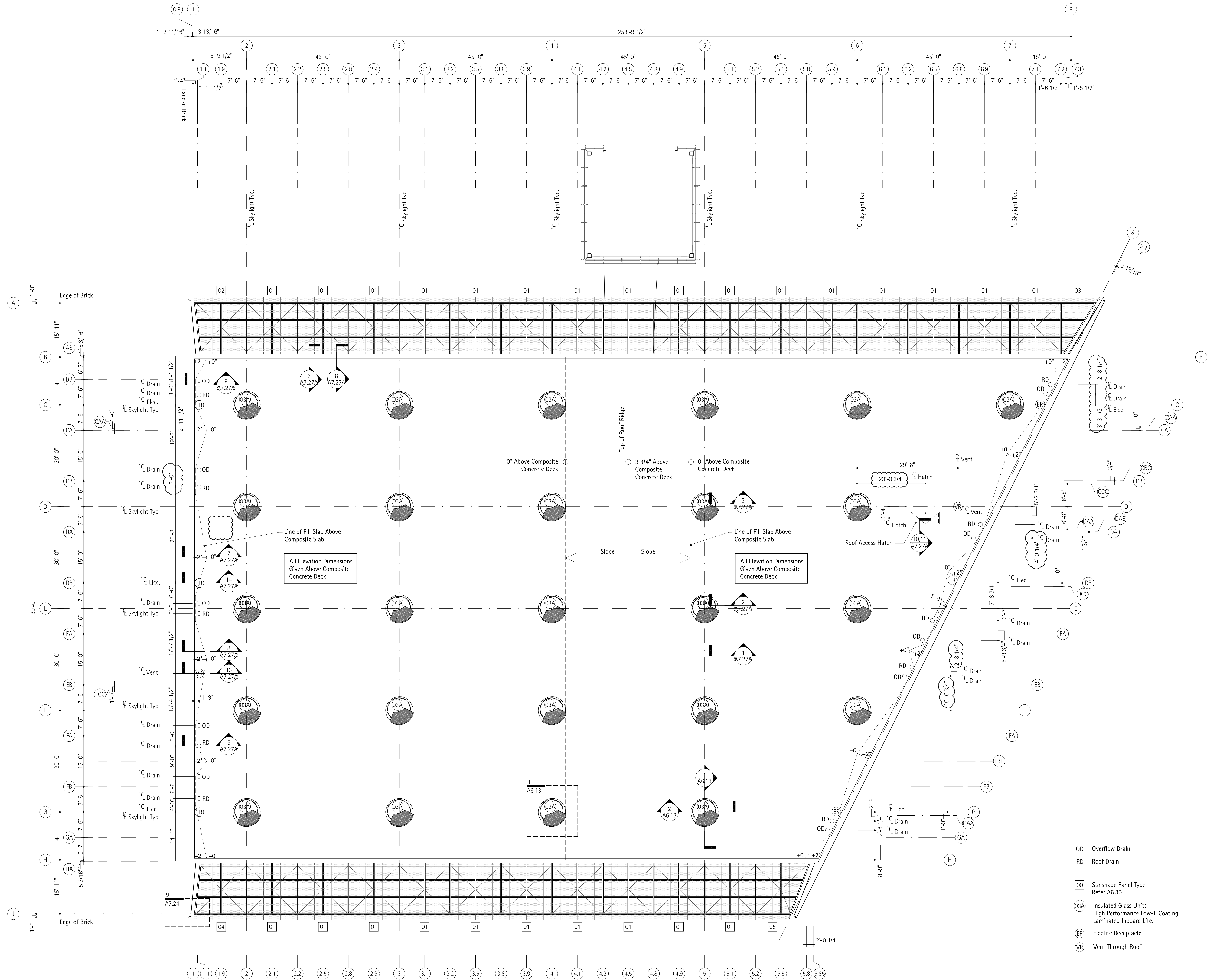
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11-25-09	1	DD Progress Set	
06-14-10	2	VA Incorporation Set	
07-05-10	3	For Permit	
08-09-10	4	Revised VA Incorporation	
08-30-10	5	90% CD - GMP Set	
11-19-10	6	100% CD - Issued for Construction	

Scale:
PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:
SHEET TITLE:
**Partial Floor Plan
Mezzanine Level / Lee III**
3/32" = 1'-0"
19 November 2010
SHEET NO.
PROJ. NO.
MPS 08178.00

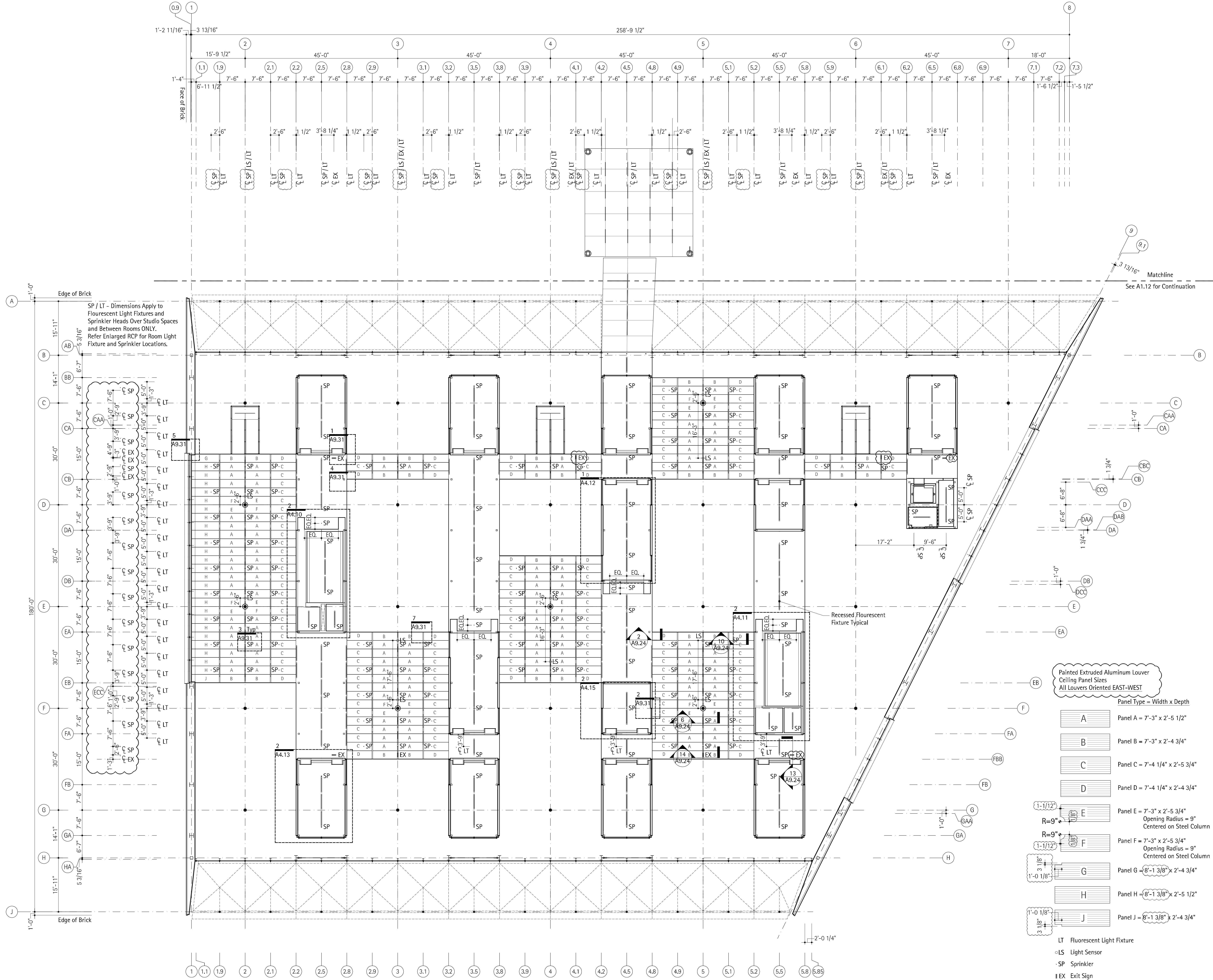
A1.33

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DATE:	NO:	REVISION:	BY:
11-25-09	1	DD Progress Set	
06-14-10	2	VA Incorporation Set	
07-05-10	3	For Permit	
08-30-10	4	90% CD - GMP Set	
11-19-10	5	100% CD - Issued for Construction	

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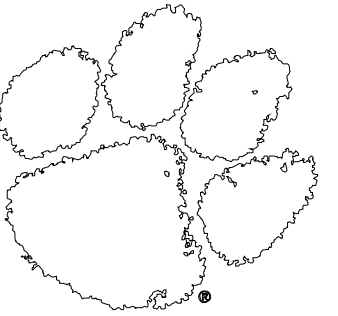


Consulting Architect:
Thomas Phifer and Partners
New York, NY

Lee Hall Complex
Expansion/Renovation

OSE Proj. No. H12-9886-GW

Clemson University
Clemson, South Carolina



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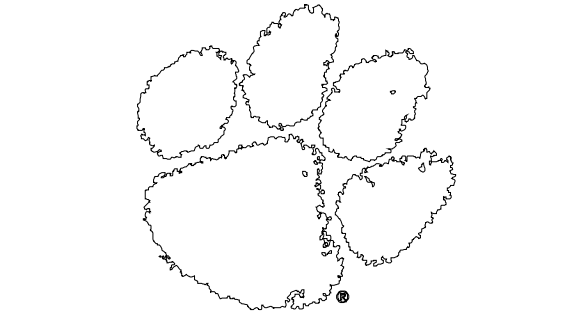
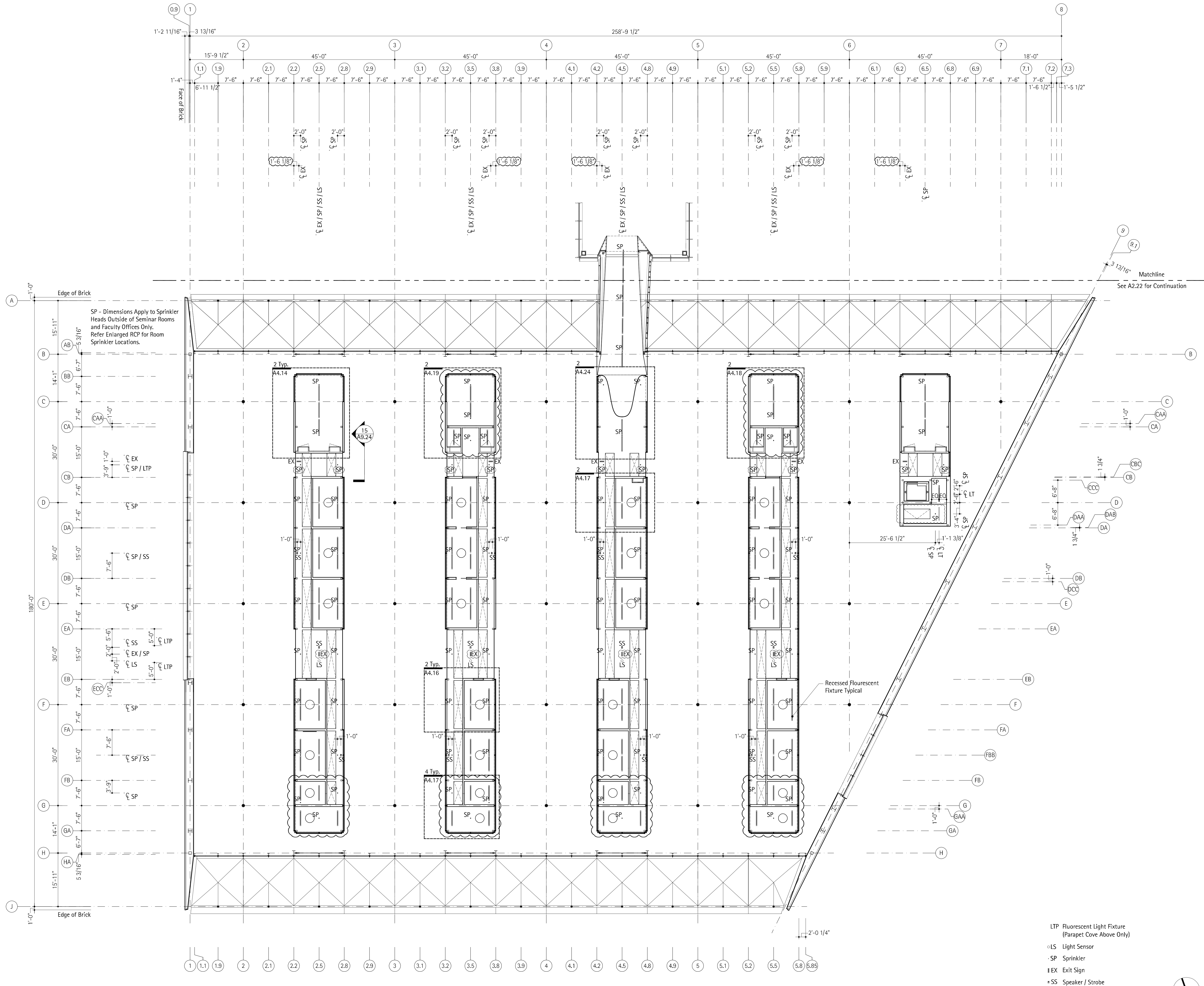
PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:

SHEET TITLE:
Reflected Ceiling Plan
Level 1 / Lee III

3/32" = 1'-0"
19 November 2010
SHEET NO.

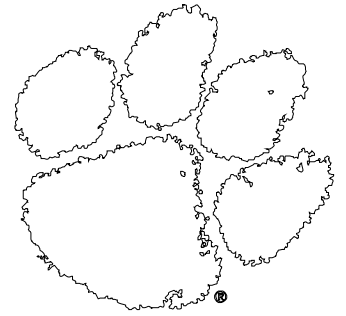
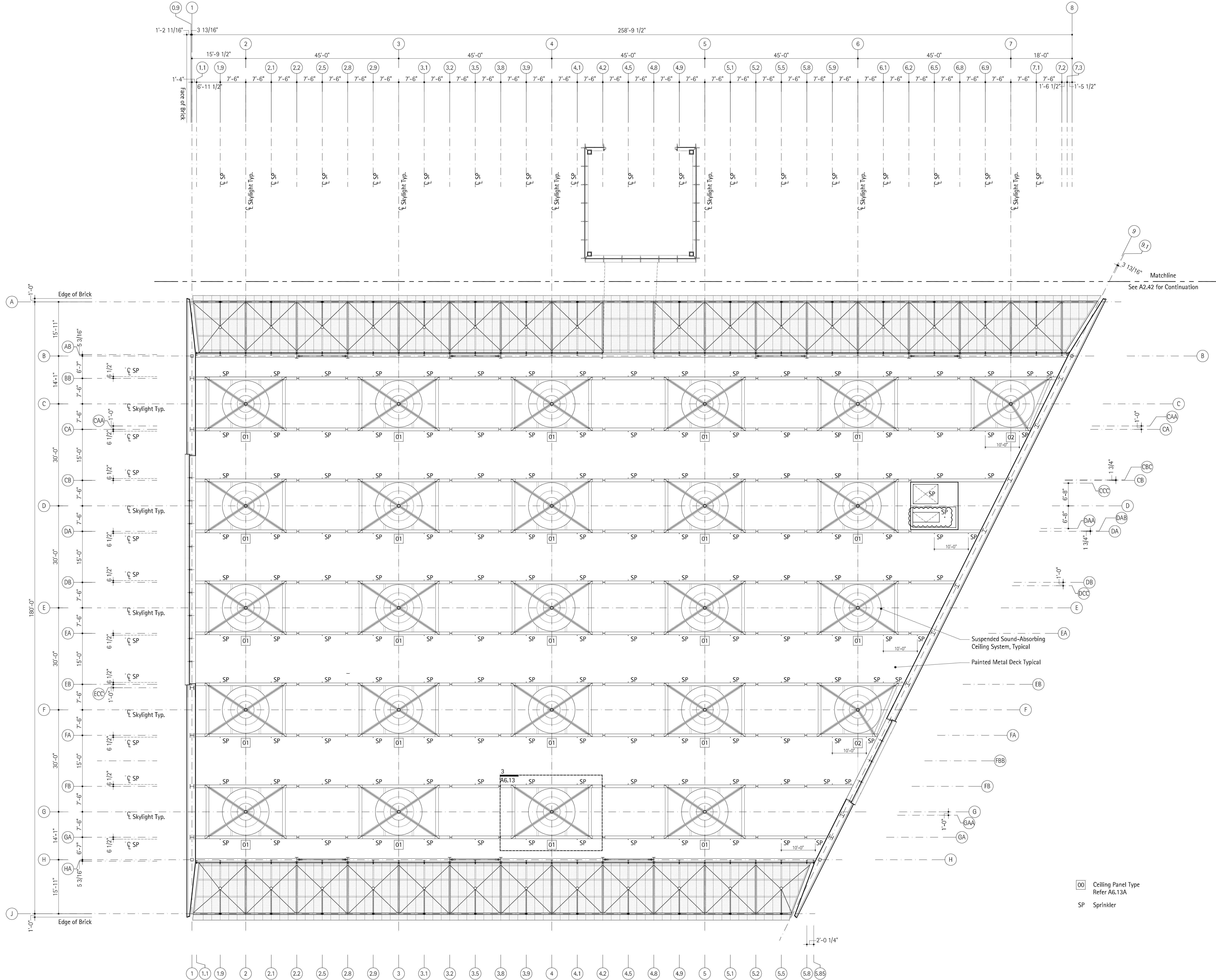
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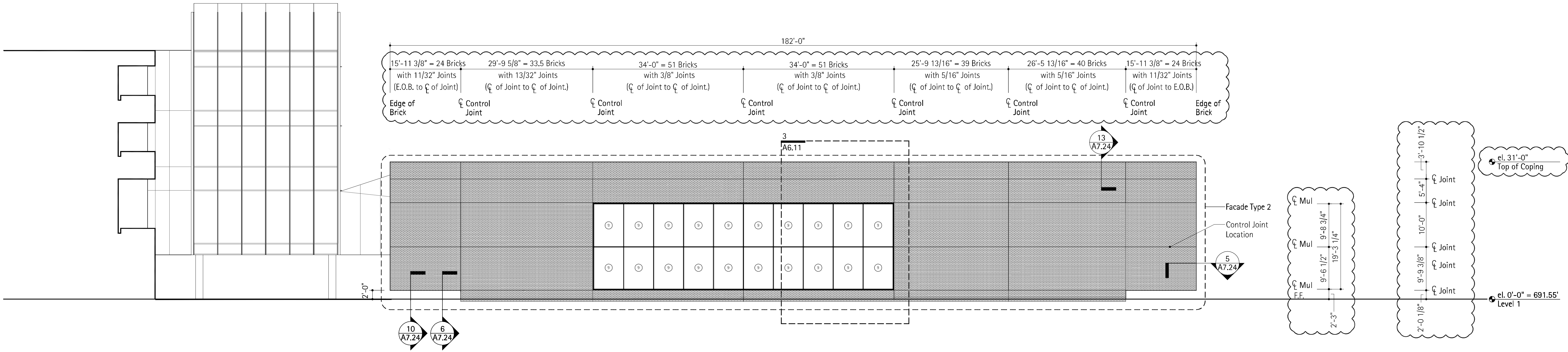
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08-30-10	4	90% CD - GMP Set	
11-19-10	5	100% CD - Issued for Construction	

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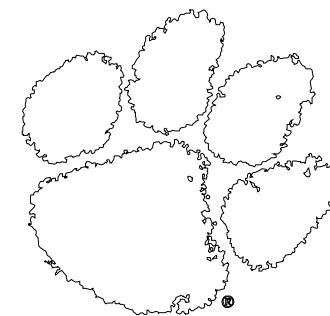
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Lee Hall Complex Expansion/Renovation

OSE Proj. No. H12-9886-GW

Clemson University
Clemson, South Carolina



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11-25-09	1	DD Progress	
06-14-10	2	VA Incorporation	
07-05-10	3	For Permit	
08-09-10	4	Revised VA Incorporation	
08-30-10	5	90% CD - GMP Set	
11-19-10	6	100% CD - Issued for Construction	

Scale:

PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:

SHEET TITLE:

West Exterior Elevation
Lee III

3/32" = 1'-0"
19 November 2010

SHEET NO.

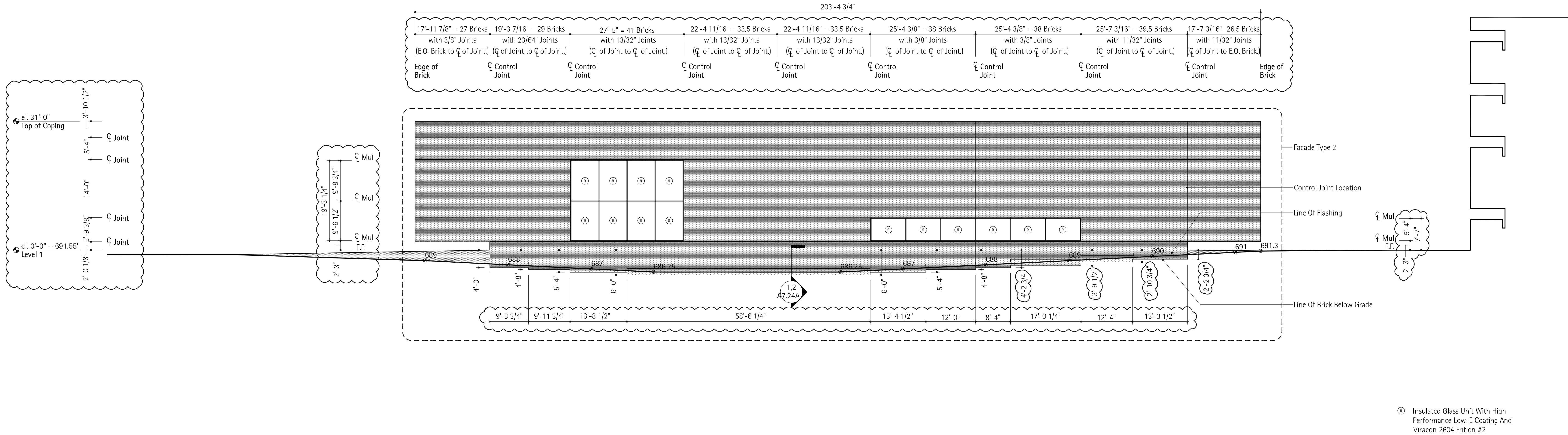
PROJ. NO.
MPS 08178.00

A3.01

Consulting Architect:

Thomas Phifer and Partners
New York, NY

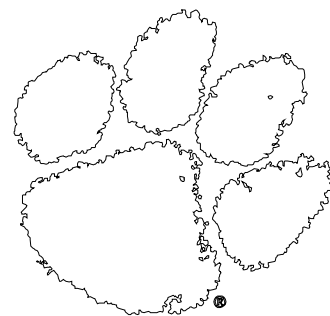
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Clemson University
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11-25-09	1	DD Progress	
06-14-10	2	VA Incorporation	
07-05-10	3	For Permit	
08-09-10	4	Revised VA Incorporation	
08-30-10	5	90% CD - GMP Set	
11-19-10	6	100% CD - Issued for Construction	

Scale:

PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:

SHEET TITLE:
East Exterior Elevation
Lee III

3/32" = 1'-0"
19 November 2010

SHEET NO.

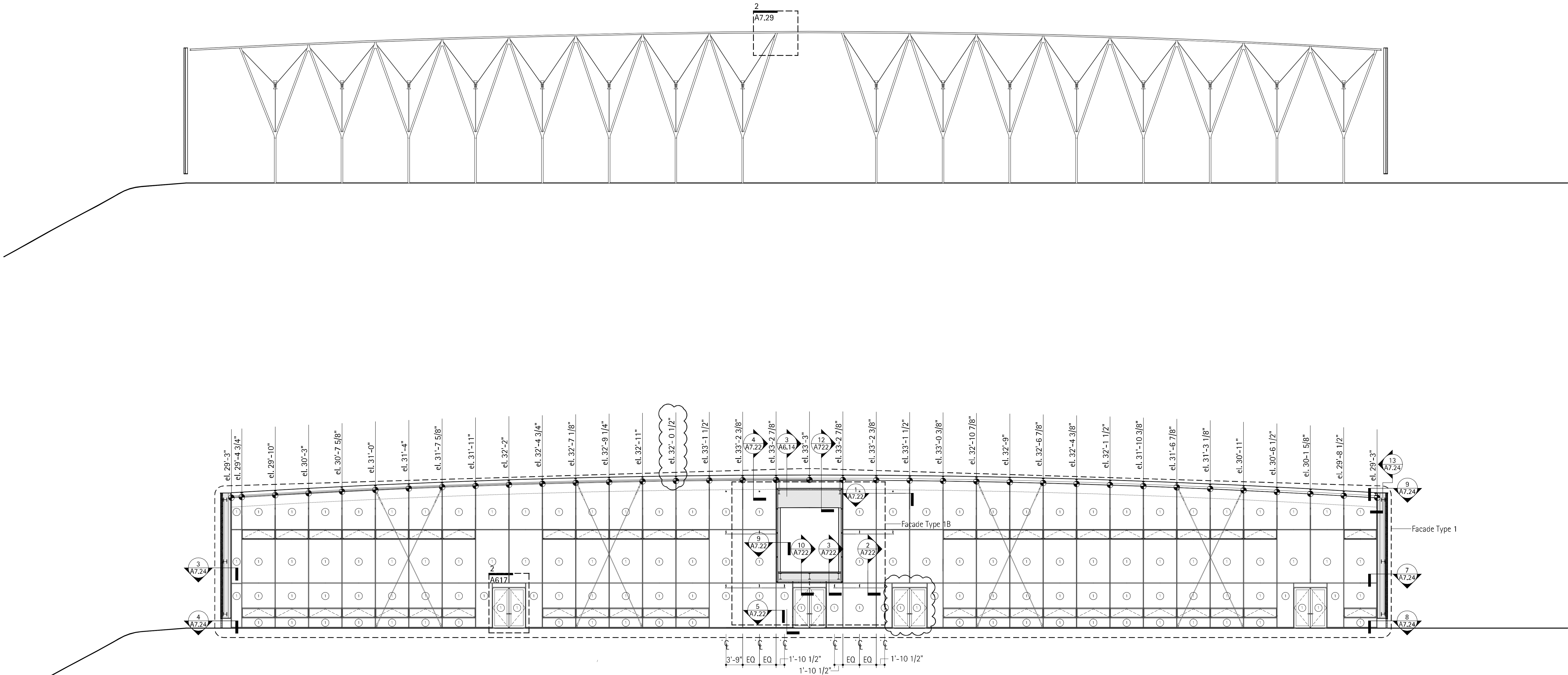
PROJ NO.
MPS 08178.00

A3.02

Consulting Architect:

Thomas Phifer and Partners
New York, NY

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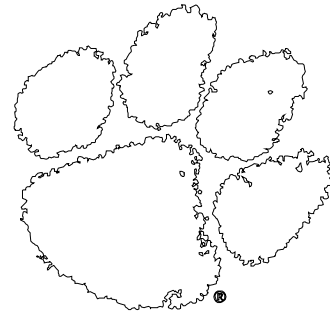
○ Insulated Glass Unit with High Performance Low-E Coating - Applies to Awning Vent and Transom Glass Above Doors

Consulting Architect:
Thomas Phifer and Partners
New York, NY

Lee Hall Complex
Expansion/Renovation

OSE Proj. No. H12-9886-GW

Clemson University
Clemson, South Carolina



DRAWING HISTORY:

DATE:	NO.:	ISSUED FOR:	BY:
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06-14-10	2	VA Incorporation	
07-05-10	3	For Permit	
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11-19-10	6	100% CD - Issued for Construction	

Scales:

PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:

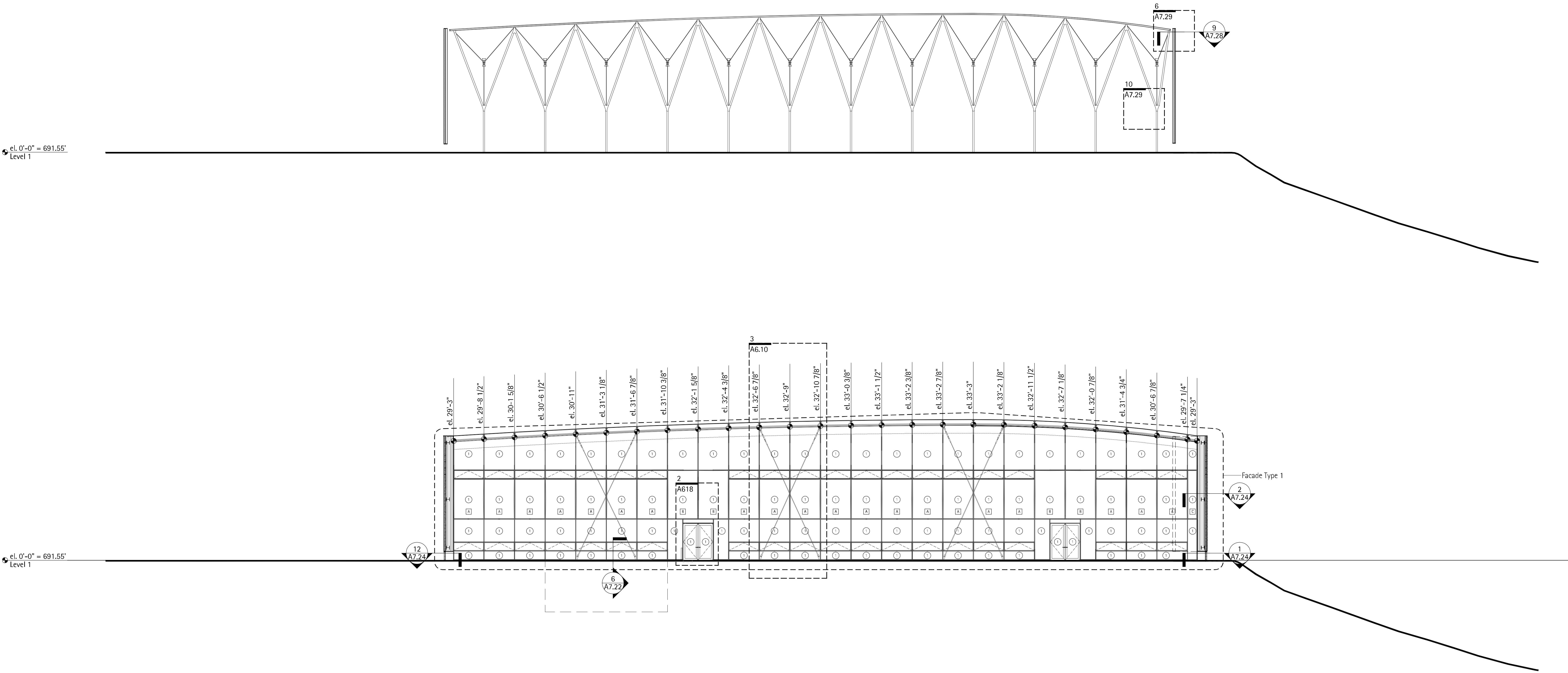
SHEET TITLE:
North Exterior Elevation
Lee III

3/32" = 1'-0"
19 November 2010

SHEET NO.

PROJ NO.
MPS 08178.00

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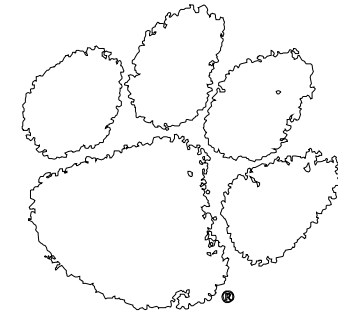


- Insulated Glass Unit with High Performance Low-E Coating - Applies to Awning Vent and Transom Glass Above Doors
- Interior Spring Loaded Fabric Sunscreen Window Treatment

Lee Hall Complex Expansion/Renovation

OSE Proj. No. H12-9886-GW

Clemson University
Clemson, South Carolina



DRAWING HISTORY:

DATE:	NO.:	ISSUED FOR:	BY:
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07-05-10	3	For Permit	
08-09-10	4	Revised VA Incorporation	
08-30-10	5	90% CD - GMP Set	
11-19-10	6	100% CD - Issued for Construction	

Scale:

PRINCIPAL IN CHARGE:
PROJECT ARCHITECT:
DRAWN BY:

SHEET TITLE:
South Exterior Elevation
Lee III

3/32" = 1'-0"
19 November 2010

SHEET NO.

PROJ NO.
MPS 08178.00

A3.04

Consulting Architect:
Thomas Phifer and Partners
New York, NY

LEGEND

PROPOSED	EXISTING
HIGH PRESSURE STEAM	
PUMPED STEAM CONDENSATE	
HIGH PRESSURE CONDENSATE	
FILTER SOXX	
GAS LINE	
SANITARY SEWER LINE	
STORM DRAINAGE LINE	
POTABLE WATER LINE	
FIRE PROTECTION MAIN	
FOUNDATION DRAIN	
ROOF DRAIN	
DOWN SPOUT	
SILT FENCE	
CLEARING AND GRUBING LIMITS	
CHILLED WATER SUPPLY	
CHILLED WATER RETURN	
UNDERGROUND TELEPHONE	
UNDERGROUND ELECTRICAL	
FIRE HYDRANT	
CONCRETE THRUST BLOCK	
GATE VALVE & BOX	
STORM SEWER SINGLE WING CURB INLET AND NUMBER	
STORM SEWER CURB INLET AND NUMBER	
STORM SEWER DROP INLET AND NUMBER	
STORM SEWER DROP MANHOLE AND NUMBER	
CLEANOUT	
SANITARY SEWER MANHOLE AND NUMBER	
UTILITY POLE	
LIGHT POLE	
POWER VAULT	
CONTOUR	
SPOT ELEVATION	
TOP OF PAVEMENT	
TOP OF CONCRETE	
CHAIN LINK FENCE	
FLOW DIRECTION	
CURB & GUTTER	
EXISTING TREE TO BE REMOVED	
EXISTING UTILITY TO BE ABANDONED	
EXISTING WALL TO BE REMOVED	
EXISTING UTILITY TO BE REMOVED	
BUILDING/PAVEMENT/C&G/WALL TO BE REMOVED	
CONCRETE	
ASPHALT PAVEMENT(HEAVY DUTY)	
TREE OR BUSH LINE	
CULVERT PROTECTION	
STABILIZED CONSTRUCTION ENTRANCE	
GRAVEL	
INLET PROTECTION	
EROSION CONTROL MATTING	
SEDIMENT TUBE	
GRASS PAVERS	
ASPHALT PAVEMENT(LIGHT DUTY)	

CIVIL ABBREVIATIONS

&	AND	±	PLUS OR MINUS
AD	AREA DRAIN	PC	POINT OF CURVATURE
ASP	ASPHALT	PI	POINT OF INTERSECTION
@	AT	PT	POINT OF TANGENCY
BLDG	BUILDING	PVC	POLYVINYL CHLORIDE
BOC	BACK OF CURB	PVMT	PAVEMENT
BTM	BOTTOM	R	RADIUS
BW	BOTTOM OF WALL	RCP	REINFORCED CONCRETE PIPE
CTR	CENTER	RD	ROOF DRAIN PIPE
℄	CENTERLINE	REQ'D	REQUIRED
CB	CATCH BASIN	SSMH	SANITARY SEWER MANHOLE
C&G	CURB & GUTTER	SWCB	SINGLE WING CATCH BASIN
CISP	CAST IRON SOIL PIPE	TC	TOP OF CONCRETE
CJ	CONTRACTION JOINT	T/C	TOP OF CURB
CO	CLEAN OUT	T/G	TOP OF GRATE
CONC	CONCRETE	TG	TOP OF GRAVEL
DI	DROP INLET	TD	TEMPORARY DIKE
DIA	DIAMETER	TS&V	TAPPING SLEEVE & VALVE
DIP	DUCTILE IRON PIPE	TS	TOP OF SWALE
DWG	DRAWING	TP	TOP OF PAVEMENT
E	EAST	TW	TOP OF WALL
EL	ELEVATION	TYP	TYPICAL
EJ	EXPANSION JOINT	UNO	UNLESS NOTED OTHERWISE
EOP	EDGE OF PAVEMENT	US	UNDERGROUND SECONDARY
EXIST	EXISTING		
FES	FLARED END SECTION	VERT	VERTICAL
FD	FOOTING DRAIN	W	WATER
FIN	FINISHED	W/	WITH
FF EL OR FF	FINISH FLOOR ELEVATION	W/O	WITHOUT
FG	FINISH GRADE	WWF	WELDED WIRE FABRIC
FOC	FACE OF CURB		
GV&B	GATE VALVE & BOX		
HORIZ	HORIZONTAL		
HP	HIGH POINT		
HW	HEADWALL		
IE	INVERT ELEVATION (EXIST)		
INV	INVERT (NEW)		
LF	LINEAR FEET		
LP	LOW POINT		
MAX	MAXIMUM		
MH	MANHOLE		
MIN	MINIMUM		
MON	MONUMENT		
N	NORTH		
NIC	NOT IN CONTRACT		
NTS	NOT TO SCALE		
# OR NO	NUMBER		
OC	ON CENTER		

- TOPOGRAPHIC INFORMATION WAS TAKEN FROM FIELD SURVEY PREPARED BY F & S SURVEYORS, ENGINEERS & PLANNERS, INC. DATED JANUARY 23, 2009, AND CLEMSON UNIVERSITY ATLAS.
- ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS NOTED OTHERWISE.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING VERTICAL AND HORIZONTAL CONTROL ON SITE FOR PROJECT CONSTRUCTION FROM BENCH MARKS SHOWN ON PLANS.
- EXISTING UNDERGROUND UTILITIES WERE COMPILED FROM INFORMATION PROVIDED BY UTILITY COMPANIES AND BY FIELD LOCATION OF VISIBLE EVIDENCE. THE ACTUAL LOCATION OF ALL BELOW GROUND UTILITIES MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY EXCAVATION.
- CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES TO REMAIN DURING CONSTRUCTION.
- GEOTECHNICAL INVESTIGATION WAS PERFORMED BY BLE, INC. DATED AUGUST 13, 2009.
- ALL CLEARING AND GRUBBING LIMITS SHALL BE STAKED BY THE CONTRACTOR AND REVIEWED AND APPROVED BY THE ARCHITECT BEFORE COMMENCING CLEARING AND GRUBBING OPERATIONS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO SAVE TREES THAT ARE INDICATED TO REMAIN.
- LIMITS OF CONSTRUCTION ARE CLEARING AND GRUBBING LIMITS UNLESS SHOWN OTHERWISE.
- BEFORE CONSTRUCTION OF SITE WORK BEGINS, THE CONTRACTOR SHALL VERIFY EXISTING ROADWAY AND UTILITY LOCATIONS AS SHOWN ON PLANS, ANY DIFFERENCES SHALL BE ADJUSTED BY THE CONTRACTOR, AS APPROVED BY THE ARCHITECT.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION COORDINATION OF ALL UTILITIES WITH OTHER SITE CONSTRUCTION ACTIVITIES TO MINIMIZE POTENTIAL CONSTRUCTION AND UTILITY INSTALLATION CONFLICTS.
- SEDIMENT AND EROSION CONTROL SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE FOR POSITIVE DRAINAGE OF THE SITE AT ALL TIMES, AND SHALL NOT CREATE AREAS WHICH POND WATER, EXCEPT WHERE REQUIRED BY THE EROSION CONTROL DOCUMENTS.
- CONTRACTOR SHALL MAKE ALLOWANCES DURING GRADING OPERATIONS FOR PROPER PLACEMENT OF PAVEMENT, SIDEWALKS, SLABS ON GRADE, TOPSOIL, SOD OR ANY OTHER FEATURE WHICH MUST BE ADJUSTED TO PROVIDE THE FINISH GRADE SHOWN.
- PIPE LENGTHS SHOWN ON PROFILES ARE BETWEEN STRUCTURE CENTER LINES, ACTUAL LENGTHS OF PIPE NEEDED SHALL BE DETERMINED IN THE FIELD.
- ALL SILT, SAND AND SEDIMENT SHALL BE REMOVED FROM ALL DRAINAGE STRUCTURES AS DIRECTED BY THE ARCHITECT AND/OR OWNER'S REPRESENTATIVE BOTH DURING AND PRIOR TO THE COMPLETION OF CONSTRUCTION.
- SEWERS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER. THIS SHALL APPLY WHERE THE WATER MAIN IS EITHER ABOVE OR BELOW THE SEWER.
- SANITARY SEWER LINES CROSSING ABOVE POTABLE WATER LINES MUST BE FULLY ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE CROSSING.
- AT WATER AND SANITARY SEWER CROSSINGS ONE FULL LENGTH OF THE WATER MAIN SHALL BE LOCATED SUCH THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE.
- WATER LINES, ROOF DRAINAGE LINES AND SANITARY SEWER LINES SERVICING THE BUILDING ARE SHOWN ON THE CIVIL DRAWINGS TO A POINT 5 FEET OUTSIDE THE BUILDING. FOR CONTINUATION, SEE MECHANICAL AND PLUMBING DRAWINGS.
- ALL NEW WATER AND FIRE PROTECTION LINES SHALL HAVE A MINIMUM COVER OF 36 INCHES.
- OFFSETS AND/OR BENDS SHALL BE USED ON WATER LINES AS NECESSARY TO MAINTAIN MINIMUM COVER REQUIRED.
- FOR DRAWING INDEX SEE ARCHITECTURAL DRAWING NUMBER G0.01.
- CONCRETE THRUST BLOCKS WILL BE REQUIRED AT ALL BENDS ON PRESSURE LINES OF 4 INCH DIAMETER AND LARGER.
- IN ADDITION TO RESTRAINING ALL HORIZONTAL BENDS AS SHOWN IN PLAN VIEW FOR WATER LINES, CONTRACTOR SHALL ALSO RESTRAIN ALL VERTICAL BENDS.
- CONTRACTOR TO PROVIDE AND INSTALL 4" OF TOPSOIL ON ALL AREAS TO BE SEEDED/SOD.
- CONTRACTOR TO PROVIDE PERMANENT GRASSING PER SPECIFICATION SECTION 02920 "LAWNS AND GRASSES."
- CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES PRIOR TO COVERING OR BACKFILLING ANY UNDERGROUND UTILITY SO THAT THEY CAN RECORD THE LOCATION AND OTHER INFORMATION ON THEIR MAPPING DATABASE.
- THE CONTRACTOR WILL PROVIDE A PORTABLE TOILET IN AN AREA THAT IS NOT ADJACENT TO A WATERWAY OR STORM DRAINAGE.
- THE CONTRACTOR WILL PROVIDE A PLACE FOR CONCRETE TRUCKS TO WASHOUT AND THE WASHOUT IS TO BE BURIED ONSITE UNTIL CONSTRUCTION IS COMPLETE. WHEN CONSTRUCTION IS COMPLETE THE WASTE IS TO BE HAULED OFF TO A LANDFILL.
- CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES FOR LOCATION OF ANY UNDERGROUND UTILITY SO THAT THEY CAN BE MARKED IN THE FIELD BEFORE STARTING CONSTRUCTION.

CIVIL GENERAL NOTES



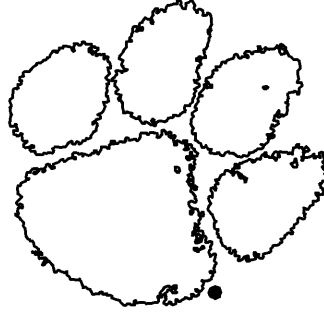
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Lee Hall Complex
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Clemson University
Clemson, South Carolina

DRAWING HISTORY:

DATE	NO.	ISSUED FOR	BY
06.01.2010		Site Package For Permit	
08.09.2010		Issued for Construction	
08.30.2010		Revised for GRIP	

Series

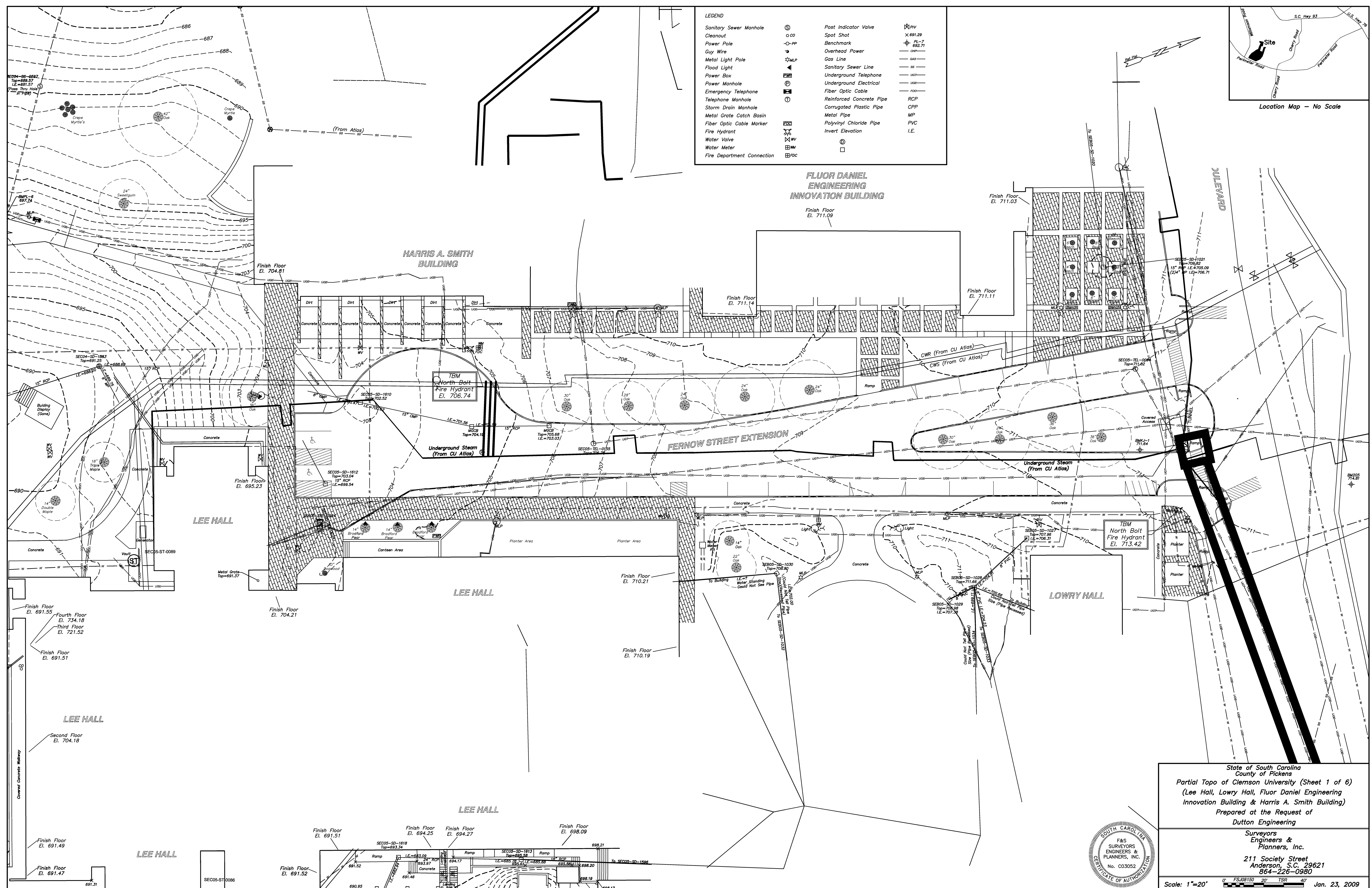
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PROJECT ENGINEER:
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CLW

SHEET TITLE:
CIVIL LEGEND,
ABBREVIATIONS, AND
NOTES

SHEET NO.

PROJ NO.
MPS 08178.00



Location Map – No Scale



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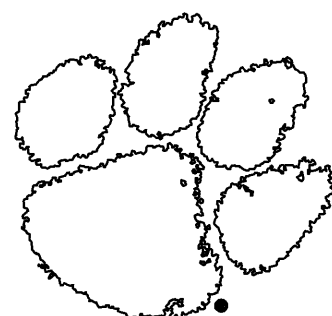


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08.30.2010		Reissue for GMP

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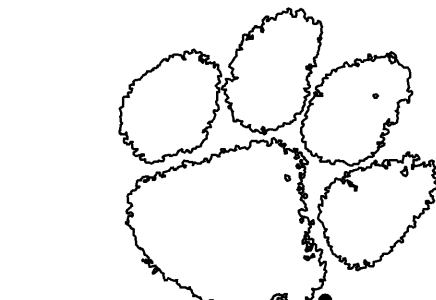
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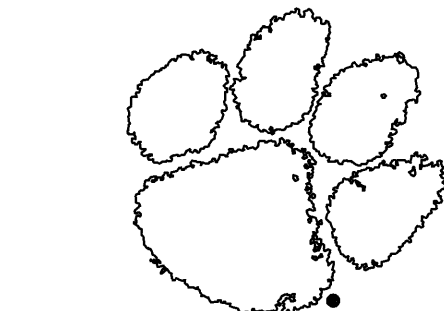
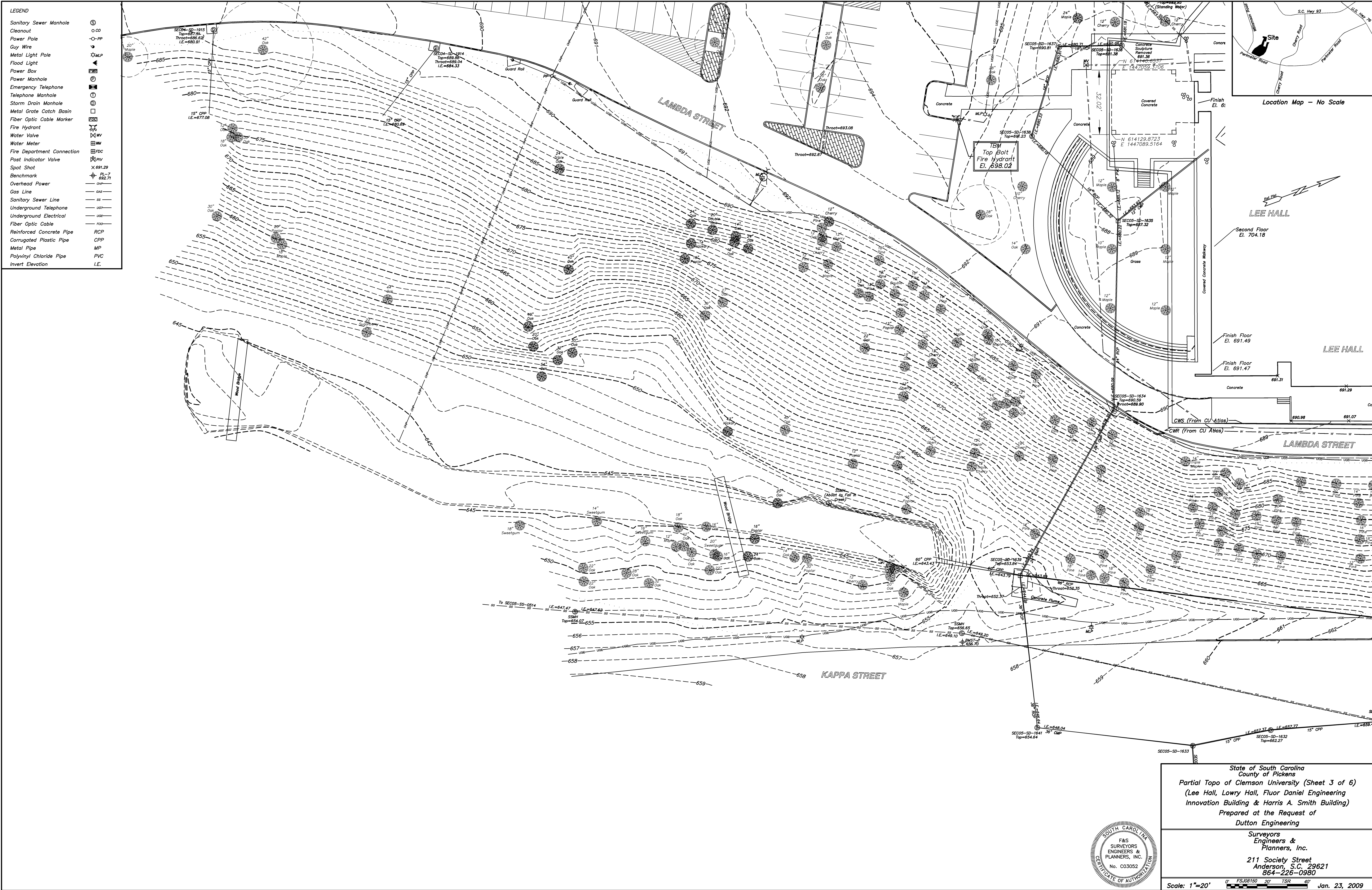
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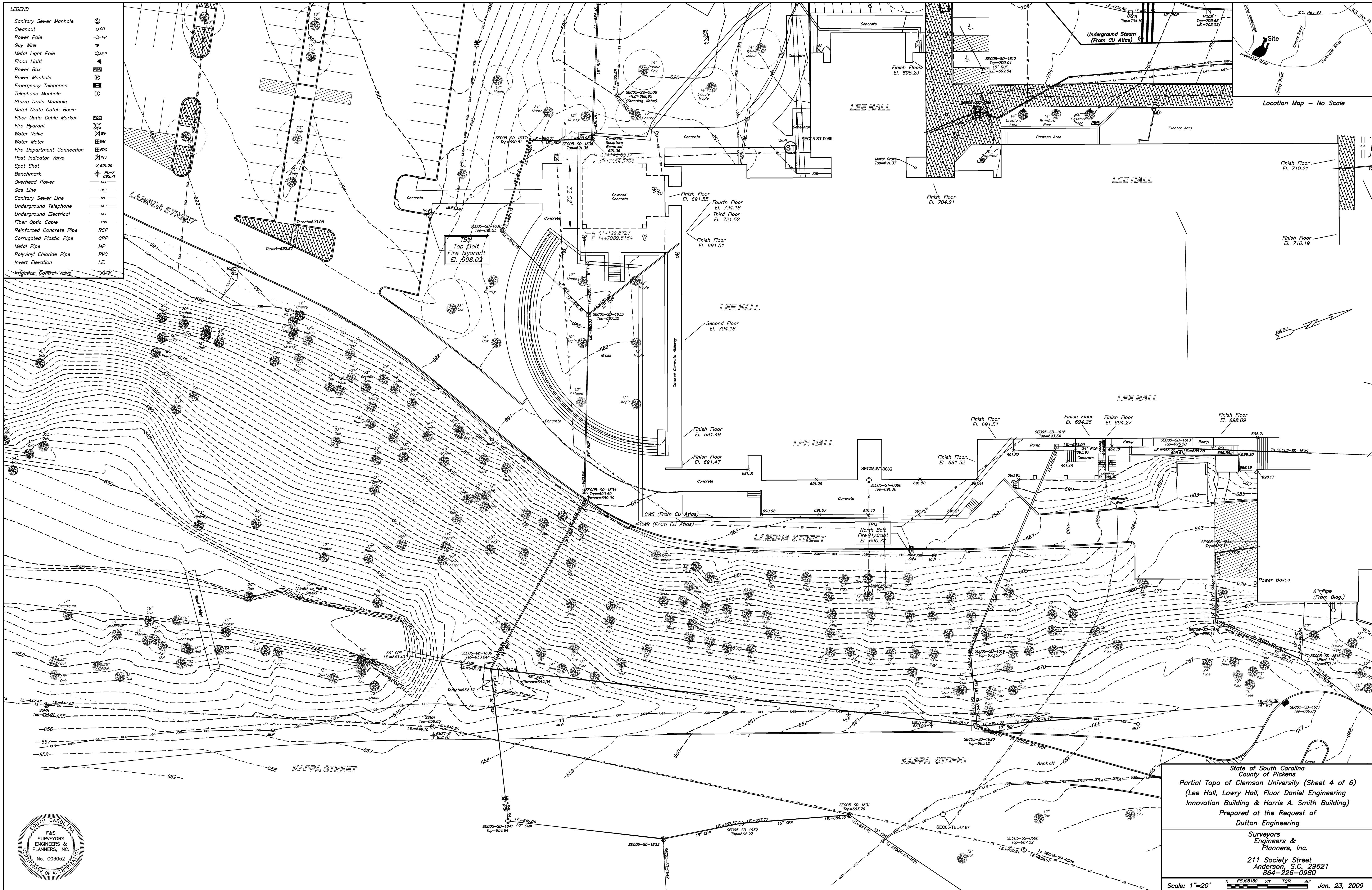
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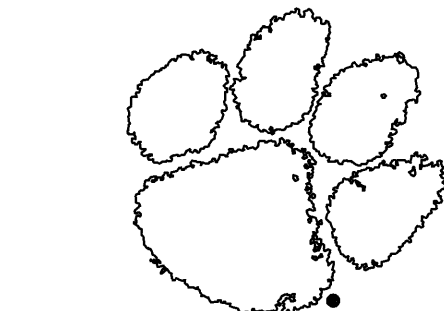
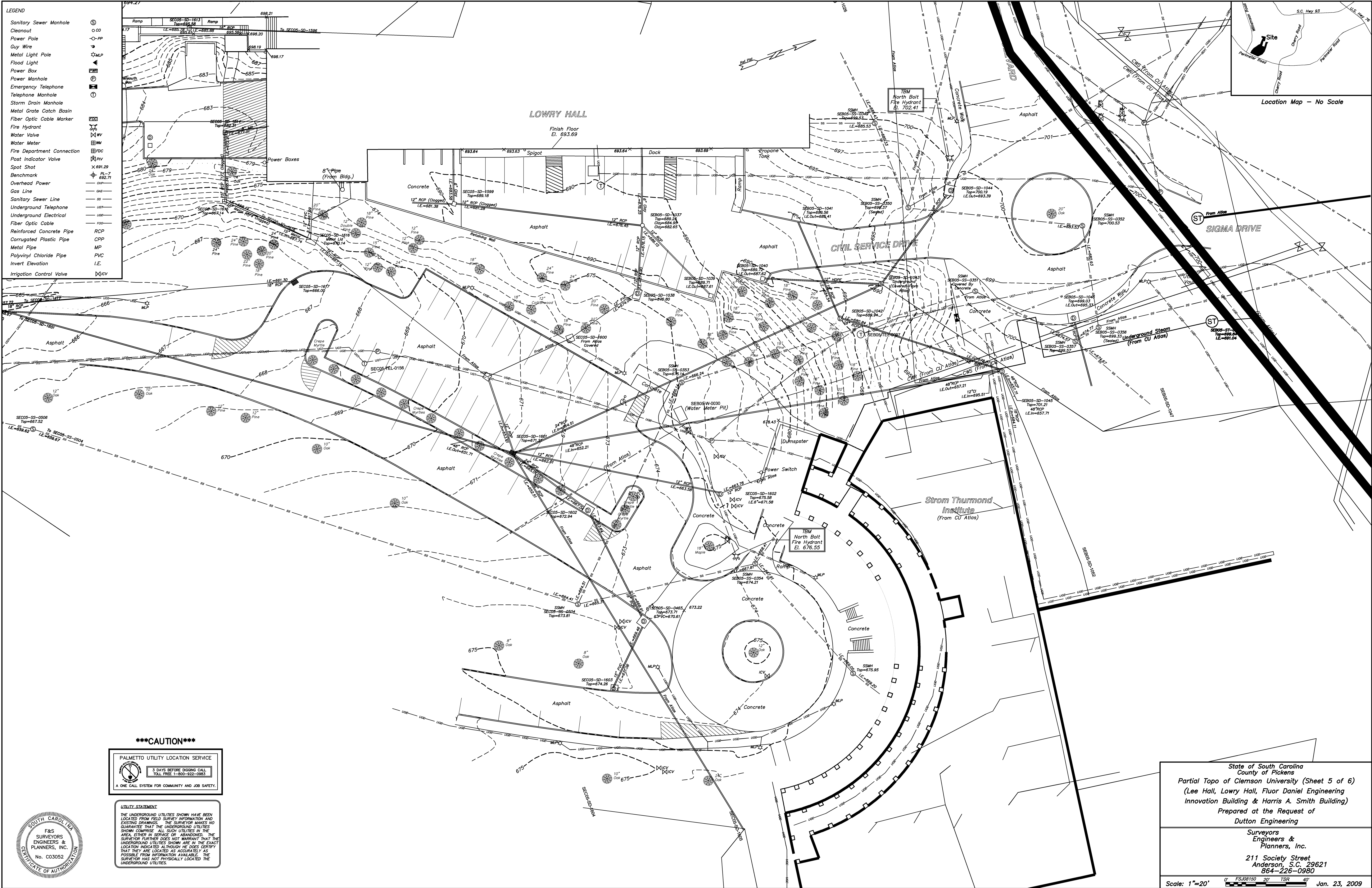
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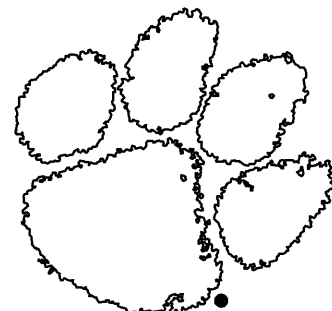
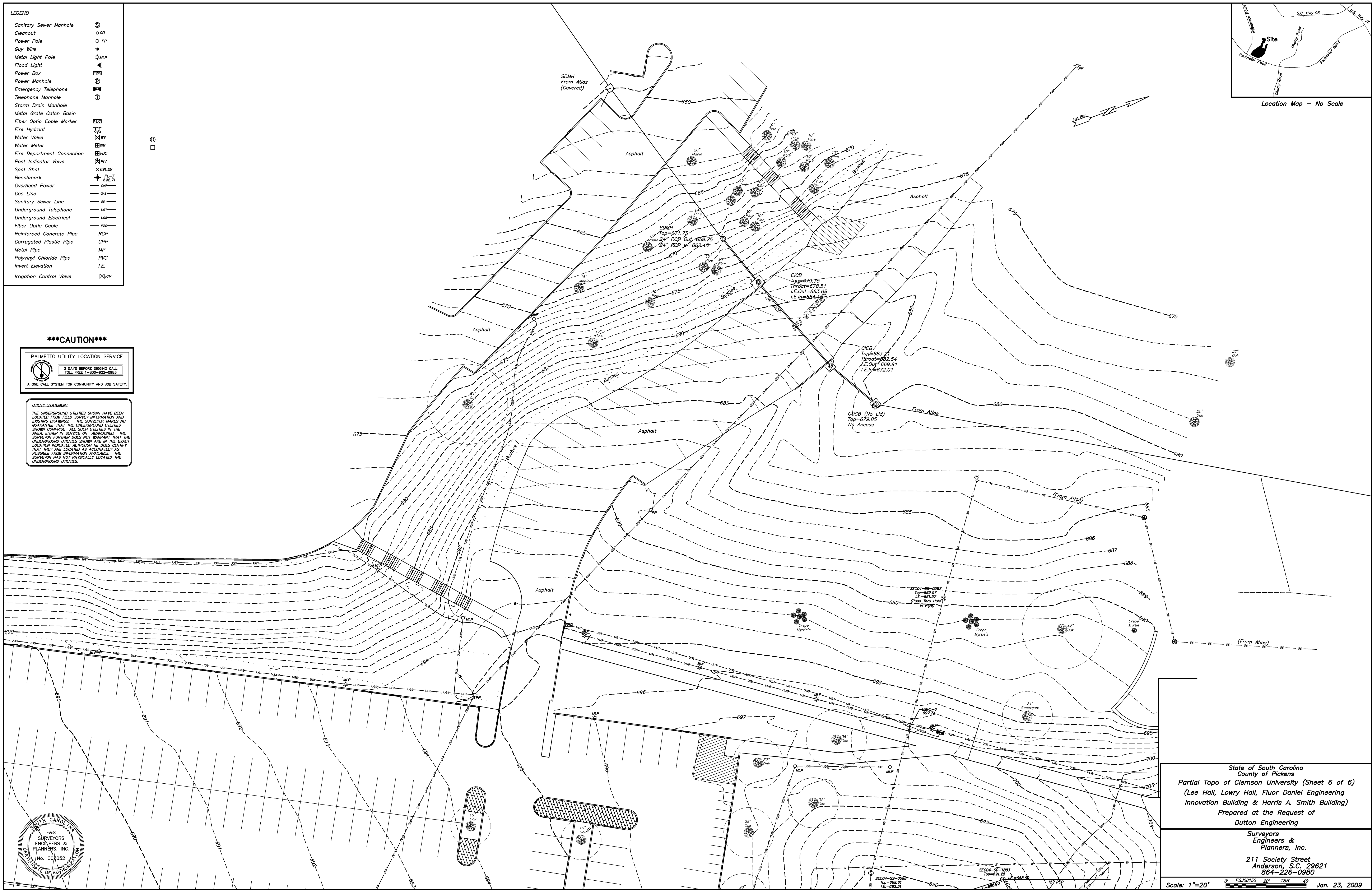
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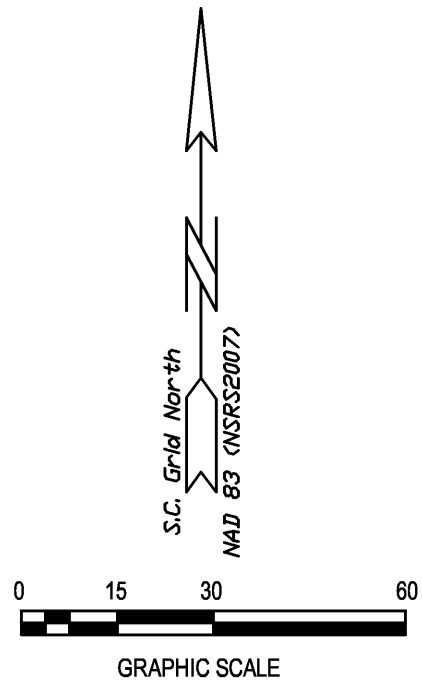
CONTRACTOR TO SEE LANDSCAPE DRAWINGS L200, L201, & L203 FOR TREE REMOVAL.

CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES FOR LOCATION OF ANY UNDERGROUND UTILITY SO THAT THEY CAN BE MARKED IN THE FIELD BEFORE STARTING CONSTRUCTION.

CONTRACTOR REQUIRED TO PROVIDE TEMPORARY UTILITY SERVICE TO THE EXISTING BUILDING BEFORE DEMOLITION OF EXISTING UTILITY.

NOTES:

- 1 SEE CIVIL DRAWING C0.01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- 2 CONTRACTOR TO BLACKOUT EXISTING PARKING STRIPING.
- 3 CONTRACTOR TO COORDINATE ALL DEMOLITION OF EXISTING UTILITIES WITH OWNER'S REPRESENTATIVE.
- 4 CONTRACTOR TO CAP OR PLUG EXISTING UTILITY LINES AND COORDINATE WITH OWNER'S REPRESENTATIVE BEFORE STARTING.
- 5 CONTRACTOR TO REMOVE LIGHT POLES AND BASE. LIGHT POLES BEING REMOVED SHALL BE STORED AT A LAY DOWN AREA DESIGNATED BY OWNER'S REPRESENTATIVE. OWNER'S REPRESENTATIVE WILL INFORM CONTRACTOR WHICH ONES THEY WOULD LIKE TO KEEP, AND WHICH ONES THE CONTRACTOR IS TO DISPOSE OF.
- 6 CONTRACTOR IS RESPONSIBLE FOR INSTALLING PROPER STREET BARRICADES WHERE WORK IS ADJACENT TO OR IN THE STREET.
- 7 CONTRACTOR TO COORDINATE LOCATION OF EXISTING UNDERGROUND TELEPHONE LINES WITH BELL SOUTH AND OWNER'S REPRESENTATIVE.
- 8 CONTRACTOR TO PROVIDE ACCESS TO LEE HALL AND SONOCO INSTITUTE BUILDING FROM THE SOUTH PARKING LOT AT ALL TIMES.
- 9 CONTRACTOR TO REMOVE EXISTING ASPHALT PAVEMENT AND BASE COURSE AND CONCRETE CURB AND GUTTER.
- 10 CONTRACTOR TO LEAVE EXISTING CWS & CWR LINES IN SERVICE UNTIL NEW CWS & CWR LINES HAVE BEEN INSTALLED.
- 11 CONTRACTOR TO GRIND OFF EXISTING SPEED BUMP ASPHALT IN PARKING LOT.
- 12 EXISTING DRAINAGE INLET TO BE REMOVED.
- 13 EXISTING POWER LINES AND POLES TO BE REMOVED BY OWNER.
- 14 CONTRACTOR TO REMOVE EXISTING BRICK PAVERS AS NEEDED TO INSTALL UTILITIES IN THIS AREA. CONTRACTOR TO EITHER REUSE BRICK PAVERS OR USE NEW BRICK PAVERS TO MATCH EXISTING BRICK PAVERS.
- 15 EXISTING BUILDING ABOVE TO REMAIN. REMOVE EXISTING HARDSCAPE UNDER EXISTING BUILDING.
- 16 EXISTING GENERATOR AND STEAM VAULT TO REMAIN.
- 17 CONTRACTOR TO REMOVE EXISTING SS LINE AND MANHOLE. CONTRACTOR RESPONSIBLE FOR TEMPORARY PUMPING OF EXISTING SEWAGE DURING CONSTRUCTION OF NEW SSMH AND LINES.
- 18 CONTRACTOR TO REMOVE EXISTING ACID NEUTRALIZATION MANHOLE AND INSTALL NEW BASIN AS INDICATED ON CIVIL DWG. C401.
- 19 CONTRACTOR TO REMOVE EXISTING 4' CHAIN LINK FENCE.
- 20 CONTRACTOR TO LEAVE EXISTING LIGHT POLE IN PLACE. SEE ELECTRICAL DRAWING FOR NEW ELECTRICAL SERVICE TO POLE.
- 21 CONTRACTOR TO REMOVE EXISTING UNDERGROUND ELECTRIC LINE.
- 22 CONTRACTOR TO DEMO EXISTING WATER LINE AND 6" ROOF DRAIN LINE COMING OUT OF PIT.
- 23 CONTRACTOR TO DEMO EXISTING ROOF DRAIN LINE AND INSTALL NEW LINE AS INDICATED ON DWG. C3.01.
- 24 EXISTING UNDERGROUND TELEPHONE AND ELECTRIC LINES TO BE RELOCATED BY CONTRACTOR. SEE ELECTRICAL SITE PLAN FOR NEW LOCATION. REMOVAL OF LINES TO BE COORDINATED WITH OWNER'S REPRESENTATIVE.
- 25 CONTRACTOR TO REMOVE ALL TREES AND STUMPS IN THIS AREA.
- 26 CONTRACTOR TO RELOCATE EXISTING LIGHT POLE AND REMOVE EXISTING BASE. SEE ELECTRICAL DRAWINGS FOR NEW LOCATION.
- 27 SEE CIVIL DRAWING C2.00 FOR ADDITIONAL DEMOLITION WORK.



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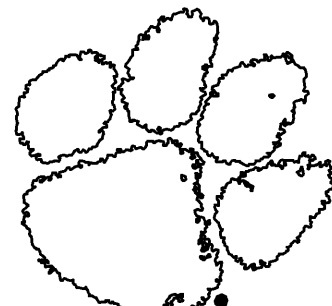
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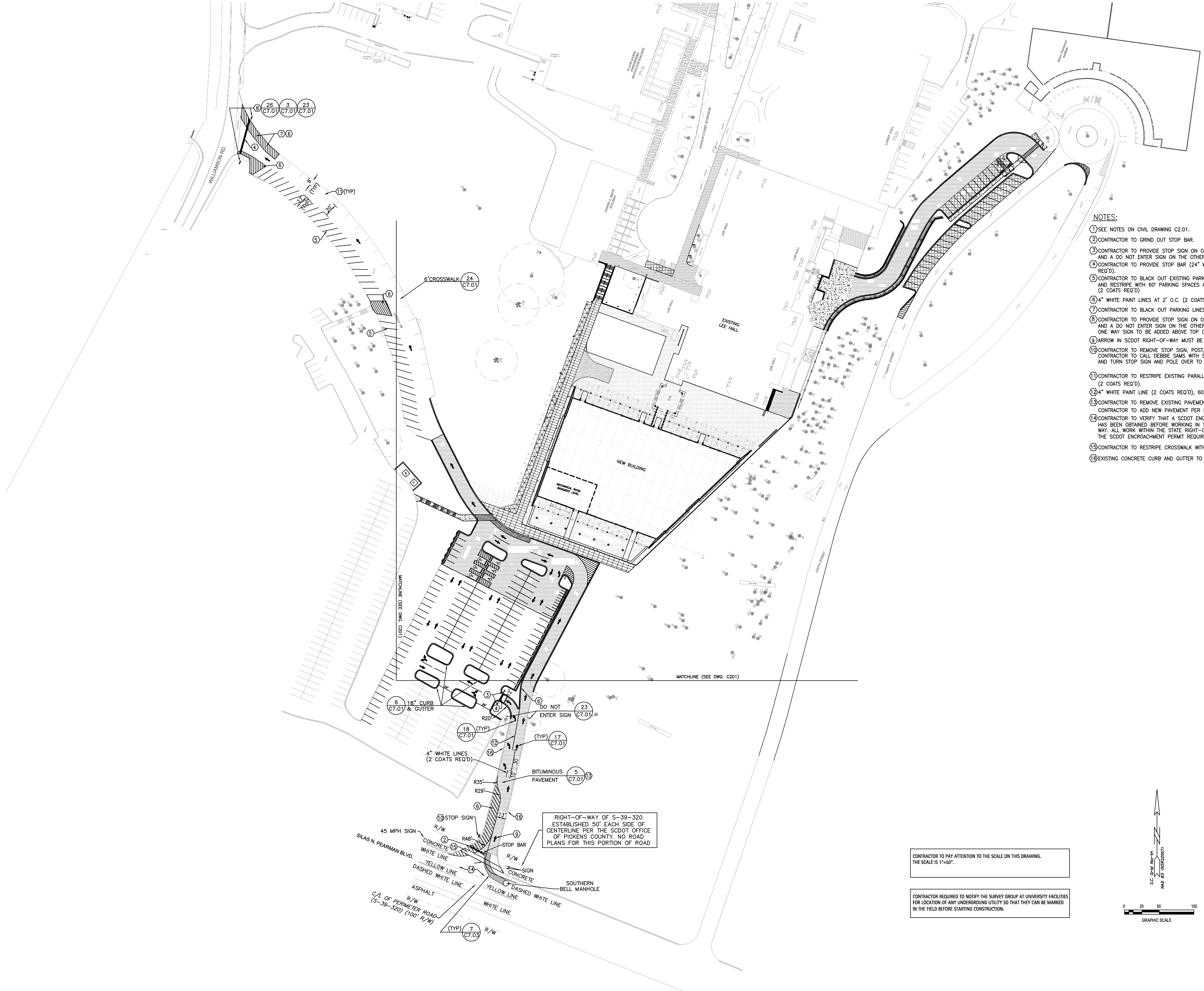
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SITE DEMOLITION PLAN

SHEET NO.

PROJ. NO.
MPS 08178.00

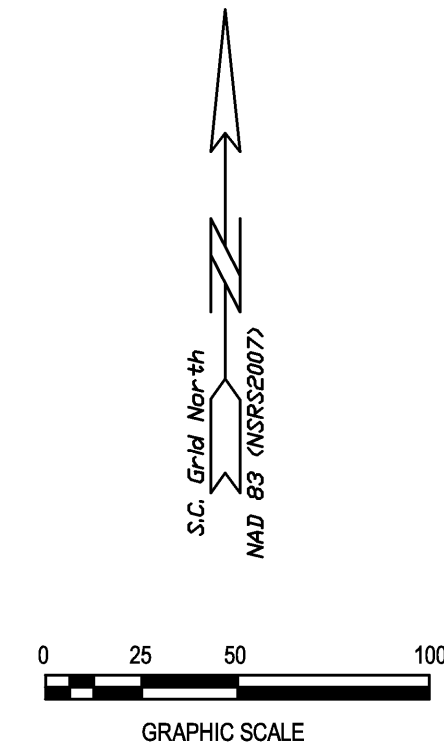
C1.07



- NOTES:**
- 1) SEE NOTES ON CIVIL DRAWING C2.01.
 - 2) CONTRACTOR TO GRIND OUT STOP BAR.
 - 3) CONTRACTOR TO PROVIDE STOP SIGN ON ONE SIDE OF POST AND A DO NOT ENTER SIGN ON THE OTHER SIDE OF THE POST.
 - 4) CONTRACTOR TO PROVIDE STOP BAR (24" WHITE LINE) (2 COATS REQ'D).
 - 5) CONTRACTOR TO BLACK OUT EXISTING PARKING STRIPES AND RESTRIPE WITH 60" PARKING SPACES AS INDICATED. (2 COATS REQ'D)
 - 6) 4" WHITE PAINT LINES AT 2' O.C. (2 COATS REQ'D)
 - 7) CONTRACTOR TO BLACK OUT PARKING LINES.
 - 8) CONTRACTOR TO PROVIDE STOP SIGN ON ONE SIDE OF POST AND A DO NOT ENTER SIGN ON THE OTHER SIDE OF THE POST. ONE WAY SIGN TO BE ADDED ABOVE TOP OF SIGNS.
 - 9) ARROW IN SCDOT RIGHT-OF-WAY MUST BE WHITE THERMOPLASTIC.
 - 10) CONTRACTOR TO REMOVE STOP SIGN, POST, AND BASE. CONTRACTOR TO CALL DEBBIE SAMS WITH SCDOT (864-859-0039) AND TURN STOP SIGN AND POLE OVER TO HER.
 - 11) CONTRACTOR TO RESTRIPE EXISTING PARALLEL PARKING SPACES (2 COATS REQ'D).
 - 12) 4" WHITE PAINT LINE (2 COATS REQ'D), 60 FEET LONG.
 - 13) CONTRACTOR TO REMOVE EXISTING PAVEMENT AND BASE. CONTRACTOR TO ADD NEW PAVEMENT PER DETAIL #5/C7.01.
 - 14) CONTRACTOR TO VERIFY THAT A SCDOT ENCROACHMENT PERMIT HAS BEEN OBTAINED BEFORE WORKING IN THE STATE RIGHT-OF-WAY. ALL WORK WITHIN THE STATE RIGHT-OF-WAY MUST BE PER THE SCDOT ENCROACHMENT PERMIT REQUIREMENTS.
 - 15) CONTRACTOR TO RESTRIPE CROSSWALK WITH THERMOPLASTIC.
 - 16) EXISTING CONCRETE CURB AND GUTTER TO REMAIN

CONTRACTOR TO PAY ATTENTION TO THE SCALE ON THIS DRAWING. THE SCALE IS 1"=50'.

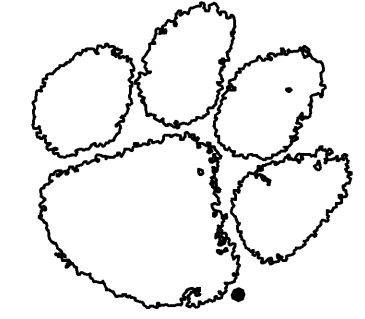
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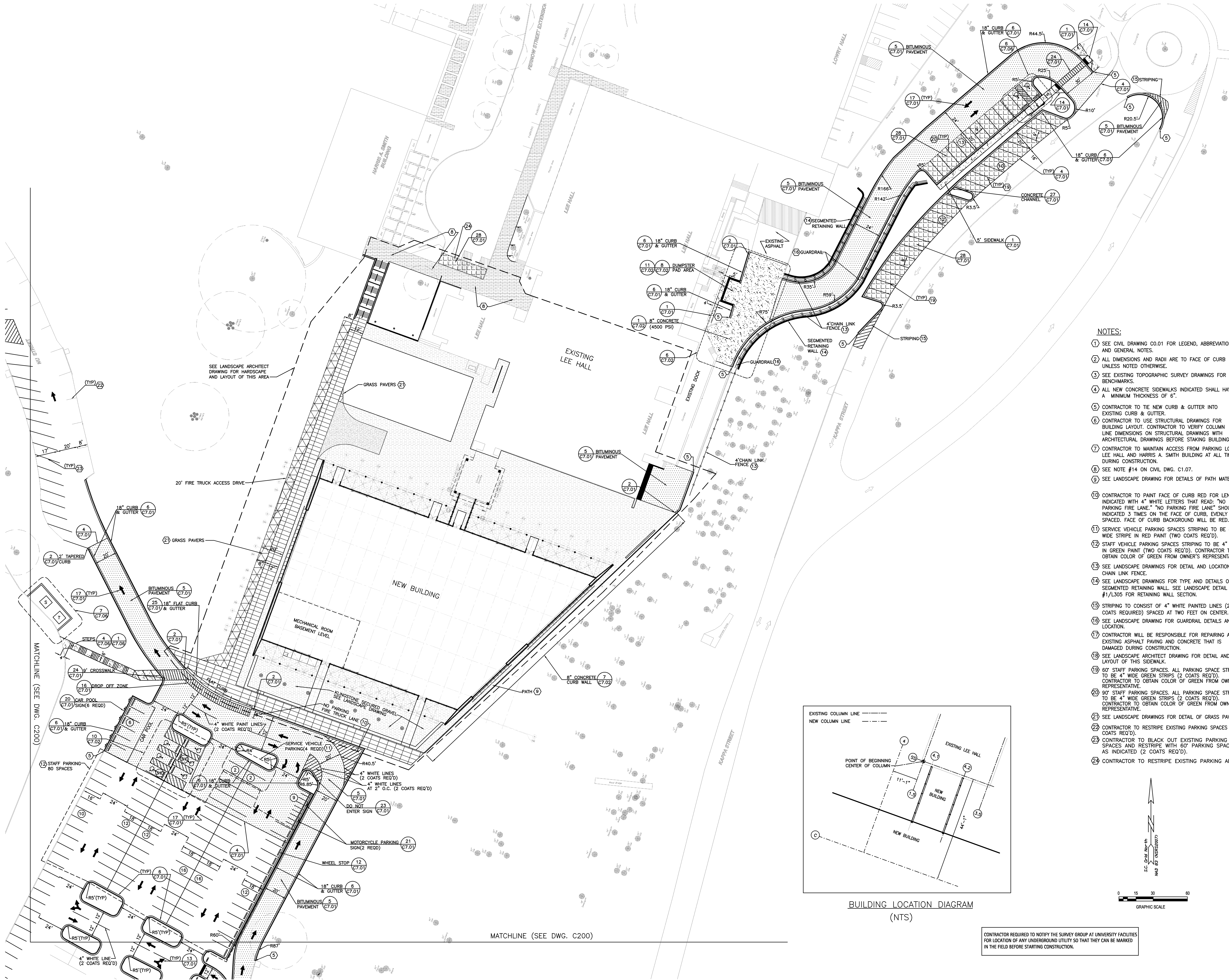
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08.30.2010			Release for GMP

Scale:
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PROJECT ENGINEER: TLD
DRAWN BY: CLW

SHEET TITLE:
OVERALL SITE PLAN

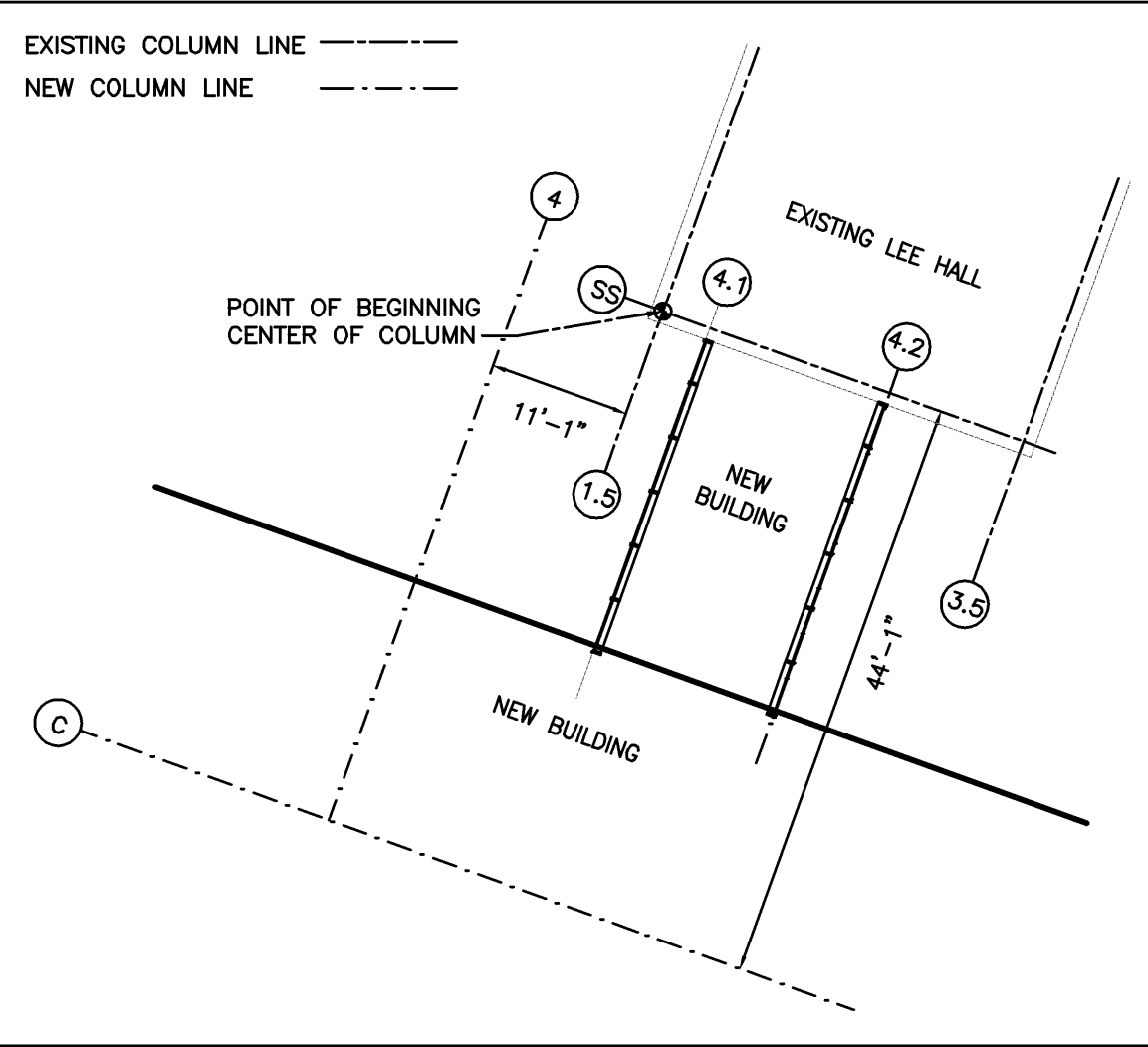
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PROJ. NO.
MPS 08178.00

C2.00



NOTES:

- 1 SEE CIVIL DRAWING C0.01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- 2 ALL DIMENSIONS AND RADII ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.
- 3 SEE EXISTING TOPOGRAPHIC SURVEY DRAWINGS FOR BENCHMARKS.
- 4 ALL NEW CONCRETE SIDEWALKS INDICATED SHALL HAVE A MINIMUM THICKNESS OF 6".
- 5 CONTRACTOR TO TIE NEW CURB & GUTTER INTO EXISTING CURB & GUTTER.
- 6 CONTRACTOR TO USE STRUCTURAL DRAWINGS FOR BUILDING LAYOUT. CONTRACTOR TO VERIFY COLUMN LINE DIMENSIONS ON STRUCTURAL DRAWINGS WITH ARCHITECTURAL DRAWINGS BEFORE STAKING BUILDING.
- 7 CONTRACTOR TO MAINTAIN ACCESS FROM PARKING LOT TO LEE HALL AND HARRIS A. SMITH BUILDING AT ALL TIMES DURING CONSTRUCTION.
- 8 SEE NOTE #14 ON CIVIL DWG. C1.07.
- 9 SEE LANDSCAPE DRAWING FOR DETAILS OF PATH MATERIAL.
- 10 CONTRACTOR TO PAINT FACE OF CURB RED FOR LENGTH INDICATED WITH 4" WHITE LETTERS THAT READ: "NO PARKING FIRE LANE." "NO PARKING FIRE LANE" SHOULD INDICATED 3 TIMES ON THE FACE OF CURB, EVENLY SPACED. FACE OF CURB BACKGROUND WILL BE RED.
- 11 SERVICE VEHICLE PARKING SPACES STRIPING TO BE 4" WIDE STRIPE IN RED PAINT (TWO COATS REQ'D).
- 12 STAFF VEHICLE PARKING SPACES STRIPING TO BE 4" WIDE IN GREEN PAINT (TWO COATS REQ'D). CONTRACTOR TO OBTAIN COLOR OF GREEN FROM OWNER'S REPRESENTATIVE.
- 13 SEE LANDSCAPE DRAWINGS FOR DETAIL AND LOCATION OF CHAIN LINK FENCE.
- 14 SEE LANDSCAPE DRAWINGS FOR TYPE AND DETAILS OF SEGMENTED RETAINING WALL. SEE LANDSCAPE DETAIL #1/L305 FOR RETAINING WALL SECTION.
- 15 STRIPING TO CONSIST OF 4" WHITE PAINTED LINES (2 COATS REQUIRED) SPACED AT TWO FEET ON CENTER.
- 16 SEE LANDSCAPE DRAWING FOR GUARDRAIL DETAILS AND LOCATION.
- 17 CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING ANY EXISTING ASPHALT PAVING AND CONCRETE THAT IS DAMAGED DURING CONSTRUCTION.
- 18 SEE LANDSCAPE ARCHITECT DRAWING FOR DETAIL AND LAYOUT OF THIS SIDEWALK.
- 19 60' STAFF PARKING SPACES. ALL PARKING SPACE STRIPS TO BE 4" WIDE GREEN STRIPS (2 COATS REQ'D). CONTRACTOR TO OBTAIN COLOR OF GREEN FROM OWNER'S REPRESENTATIVE.
- 20 90' STAFF PARKING SPACES. ALL PARKING SPACE STRIPS TO BE 4" WIDE GREEN STRIPS (2 COATS REQ'D). CONTRACTOR TO OBTAIN COLOR OF GREEN FROM OWNER'S REPRESENTATIVE.
- 21 SEE LANDSCAPE DRAWINGS FOR DETAIL OF GRASS PAVERS.
- 22 CONTRACTOR TO RESTRIPE EXISTING PARKING SPACES (2 COATS REQ'D).
- 23 CONTRACTOR TO BLACK OUT EXISTING PARKING SPACES AND RESTRIPE WITH 60' PARKING SPACES AS INDICATED (2 COATS REQ'D).
- 24 CONTRACTOR TO RESTRIPE EXISTING PARKING AREA.



BUILDING LOCATION DIAGRAM
(NTS)

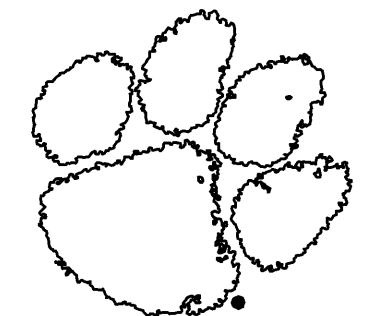
CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES FOR LOCATION OF ANY UNDERGROUND UTILITY SO THAT THEY CAN BE MARKED IN THE FIELD BEFORE STARTING CONSTRUCTION.

Consulting Architect:
Thomas Phifer and Partners
New York, NY

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**Lee Hall Complex
Expansion/Renovation**
OSE Proj. No. H12-9886-SG

Clemson University
Clemson, South Carolina



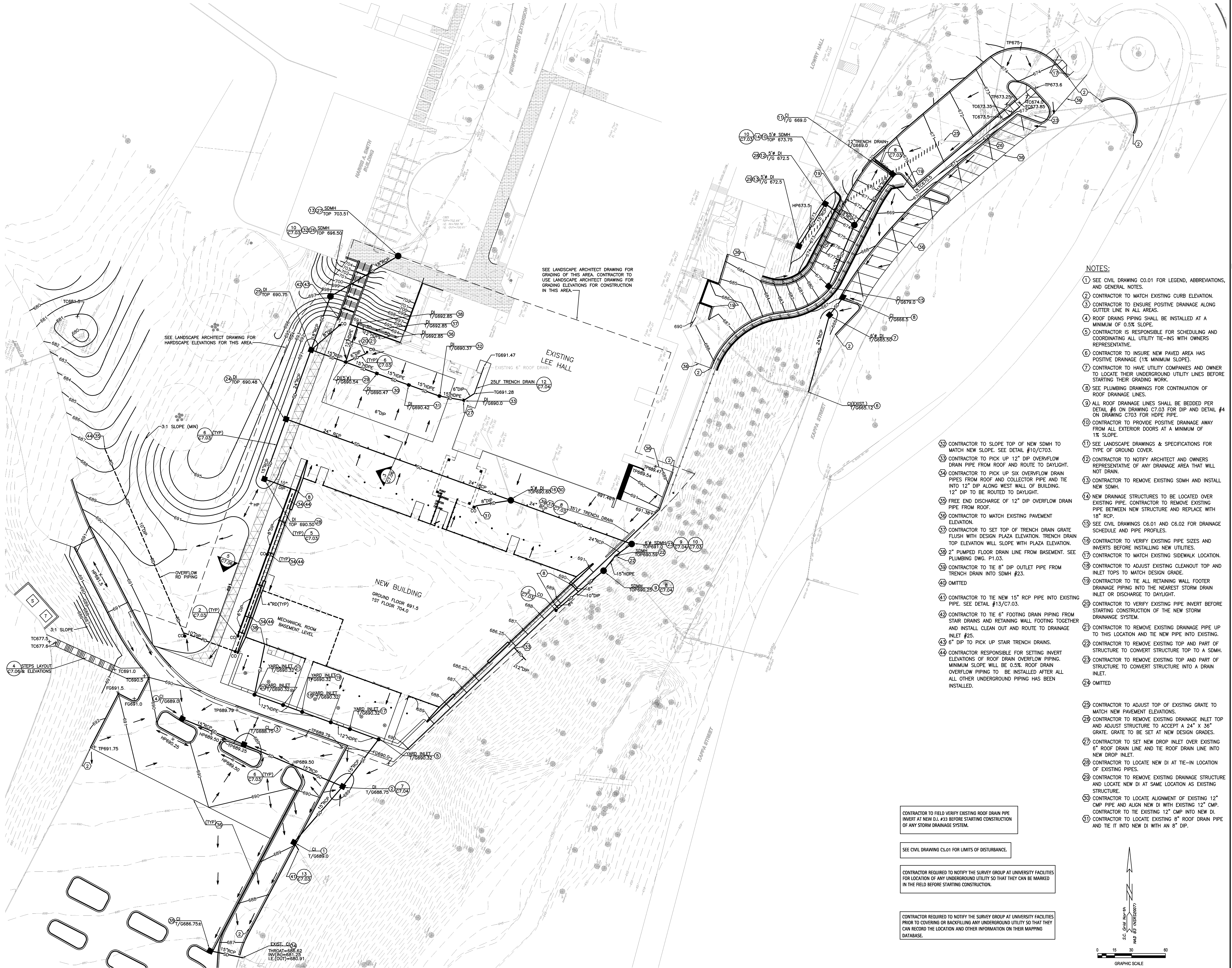
DRAWING HISTORY:

DATE	NO.	ISSUED FOR	BY
06.01.2010		Site Package For Permit	
08.09.2010		Issued for Construction	
08.30.2010		Revised For GMP	

Scale:
PRINCIPAL IN CHARGE:
PROJECT ENGINEER:
DRAWN BY:

SHEET TITLE:
SITE PLAN

SHEET NO.
PROJ. NO.
MPS 08178.00



NOTES:

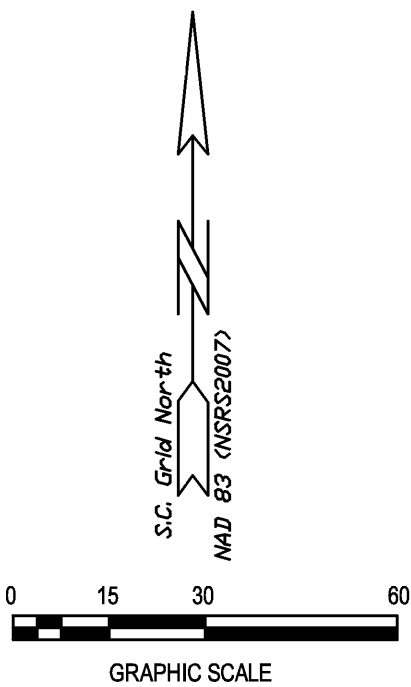
- SEE CIVIL DRAWING C0.01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
- CONTRACTOR TO MATCH EXISTING CURB ELEVATION.
- CONTRACTOR TO ENSURE POSITIVE DRAINAGE ALONG GUTTER LINE IN ALL AREAS.
- ROOF DRAIN PIPING SHALL BE INSTALLED AT A MINIMUM OF 0.5% SLOPE.
- CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL UTILITY TIE-INS WITH OWNERS REPRESENTATIVE.
- CONTRACTOR TO INSURE NEW PAVED AREA HAS POSITIVE DRAINAGE (1% MINIMUM SLOPE).
- CONTRACTOR TO HAVE UTILITY COMPANIES AND OWNER TO LOCATE THEIR UNDERGROUND UTILITY LINES BEFORE STARTING THEIR GRADING WORK.
- SEE PLUMBING DRAWINGS FOR CONTINUATION OF ROOF DRAINAGE LINES.
- ALL ROOF DRAINAGE LINES SHALL BE BEDDED PER DETAIL #6 ON DRAWING C7.03 FOR DIP AND DETAIL #4 ON DRAWING C7.03 FOR HOPE PIPE.
- CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM ALL EXTERIOR DOORS AT A MINIMUM OF 1% SLOPE.
- SEE LANDSCAPE DRAWINGS & SPECIFICATIONS FOR TYPE OF GROUND COVER.
- CONTRACTOR TO NOTIFY ARCHITECT AND OWNERS REPRESENTATIVE OF ANY DRAINAGE AREA THAT WILL NOT DRAIN.
- CONTRACTOR TO REMOVE EXISTING SDMH AND INSTALL NEW SDMH.
- NEW DRAINAGE STRUCTURES TO BE LOCATED OVER EXISTING PIPE. CONTRACTOR TO REMOVE EXISTING PIPE BETWEEN NEW STRUCTURE AND REPLACE WITH 18" RCP.
- SEE CIVIL DRAWINGS C6.01 AND C6.02 FOR DRAINAGE SCHEDULE AND PIPE PROFILES.
- CONTRACTOR TO VERIFY EXISTING PIPE SIZES AND INVERTS BEFORE INSTALLING NEW UTILITIES.
- CONTRACTOR TO MATCH EXISTING SIDEWALK LOCATION.
- CONTRACTOR TO ADJUST EXISTING CLEANOUT TOP AND INLET TOPS TO MATCH DESIGN GRADE.
- CONTRACTOR TO TIE ALL RETAINING WALL FOOTER DRAINAGE PIPING INTO THE NEAREST STORM DRAIN INLET OR DISCHARGE TO DAYLIGHT.
- CONTRACTOR TO VERIFY EXISTING PIPE INVERT BEFORE STARTING CONSTRUCTION OF THE NEW STORM DRAINAGE SYSTEM.
- CONTRACTOR TO REMOVE EXISTING DRAINAGE PIPE UP TO THIS LOCATION AND TIE NEW PIPE INTO EXISTING.
- CONTRACTOR TO REMOVE EXISTING TOP AND PART OF STRUCTURE TO CONVERT STRUCTURE TOP TO A SDMH.
- CONTRACTOR TO REMOVE EXISTING TOP AND PART OF STRUCTURE TO CONVERT STRUCTURE INTO A DRAIN INLET.
- OMITTED
- CONTRACTOR TO ADJUST TOP OF EXISTING GRATE TO MATCH NEW PAVEMENT ELEVATIONS.
- CONTRACTOR TO REMOVE EXISTING DRAINAGE INLET TOP AND ADJUST STRUCTURE TO ACCEPT A 24" X 36" GRATE. GRATE TO BE SET AT NEW DESIGN GRADES.
- CONTRACTOR TO SET NEW DROP INLET OVER EXISTING 6" ROOF DRAIN LINE AND TIE ROOF DRAIN LINE INTO NEW DROP INLET.
- CONTRACTOR TO LOCATE NEW DI AT TIE-IN LOCATION OF EXISTING PIPES.
- CONTRACTOR TO REMOVE EXISTING DRAINAGE STRUCTURE AND LOCATE NEW DI AT SAME LOCATION AS EXISTING STRUCTURE.
- CONTRACTOR TO LOCATE ALIGNMENT OF EXISTING 12" CMP PIPE AND ALIGN NEW DI WITH EXISTING 12" CMP.
- CONTRACTOR TO TIE EXISTING 12" CMP INTO NEW DI.
- CONTRACTOR TO LOCATE EXISTING 8" ROOF DRAIN PIPE AND TIE IT INTO NEW DI WITH AN 8" DIP.

CONTRACTOR TO FIELD VERIFY EXISTING ROOF DRAIN PIPE INVERT AT NEW D.I. #33 BEFORE STARTING CONSTRUCTION OF ANY STORM DRAINAGE SYSTEM.

SEE CIVIL DRAWING C5.01 FOR LIMITS OF DISTURBANCE.

CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES FOR LOCATION OF ANY UNDERGROUND UTILITY SO THAT THEY CAN BE MARKED IN THE FIELD BEFORE STARTING CONSTRUCTION.

CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES PRIOR TO COVERING OR BACKFILLING ANY UNDERGROUND UTILITY SO THAT THEY CAN RECORD THE LOCATION AND OTHER INFORMATION ON THEIR MAPPING DATABASE.



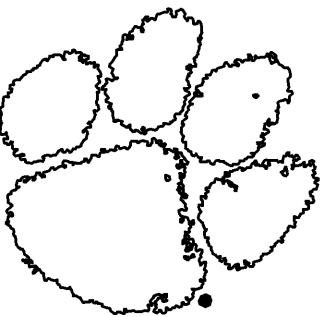
Consulting Architect:
Thomas Phifer and Partners
New York, NY

Dutton Engineering

213 East Broad Street
Greenville, S.C. 29601
Voice: (864) 331-1202
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**Lee Hall Complex
Expansion/Renovation**
OSE Proj. No. H12-9886-SG

Clemson University
Clemson, South Carolina



DRAWING HISTORY:			
DATE	BY	REVISION	DESCRIPTION
08.01.2010			Site Package For Permit
08.08.2010			Issued for Construction
08.30.2010			Release for GMP

PRINCIPAL IN CHARGE:
PROJECT ENGINEER:
DRAWN BY:

SHEET TITLE:
**SITE GRADING AND
DRAINAGE PLAN**

SHEET NO.
PROJ. NO.
MPS 08178.00

C3.01

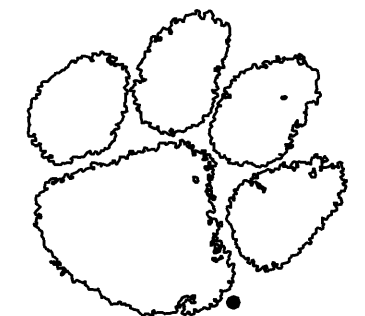
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Consulting Architect:
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New York, NY

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**Lee Hall Complex
Expansion/Renovation**
OSE Proj. No. H12-9886-SG
Clemson University
Clemson, South Carolina



DRAWING HISTORY:			
DATE	NO.	ISSUED FOR	BY
06.01.2010		Site Package For Permit	
08.09.2010		Issued for Construction	
08.30.2010		Release for GRIP	

SEALS:
PRINCIPAL IN CHARGE:
PROJECT ENGINEER:
DRAWN BY:

SHEET TITLE:
SITE UTILITY PLAN

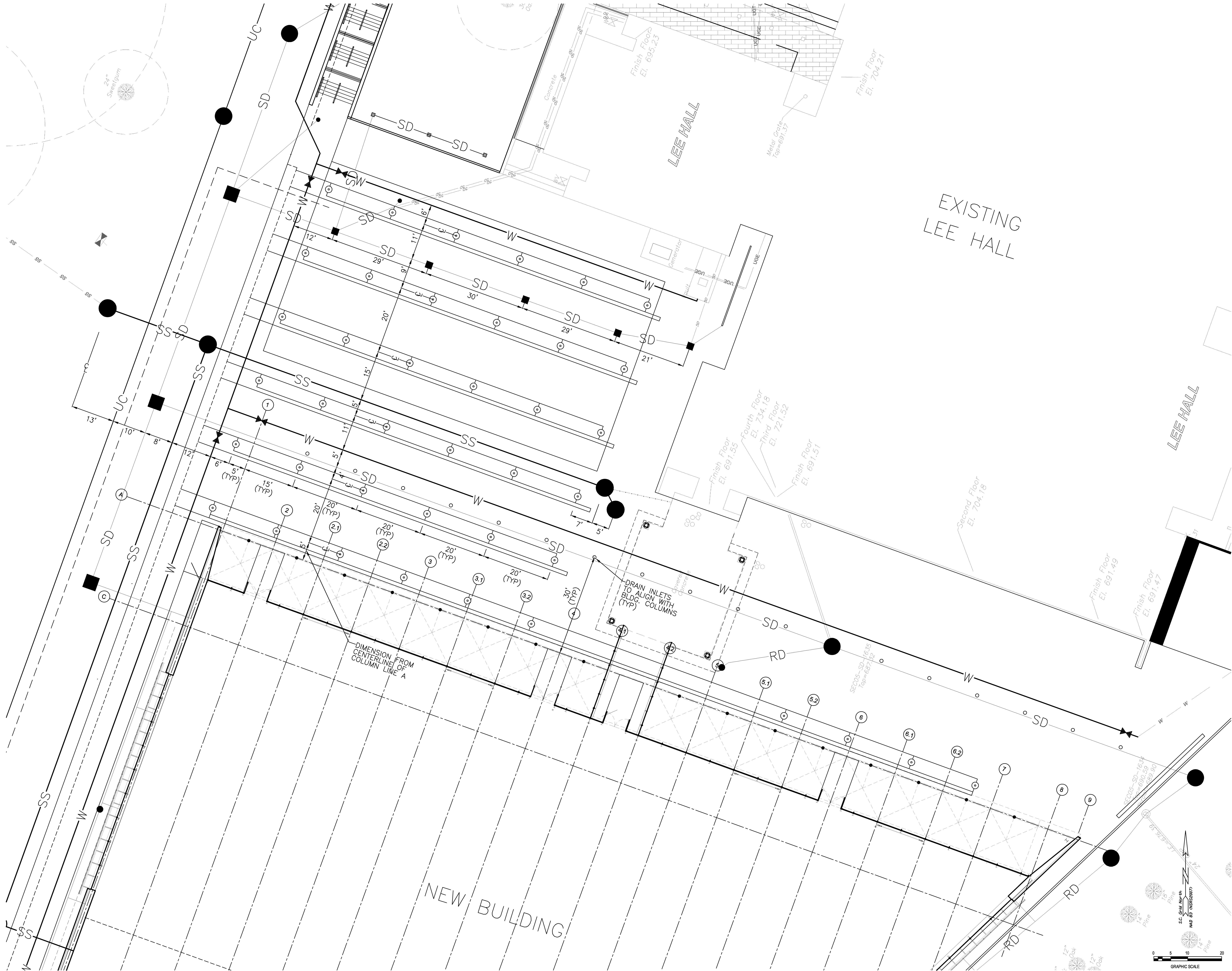
SHEET NO. PROJ. NO.
MPS 08178.00

C4.01

- NOTES:**
- SEE CIVIL DRAWING C0.01 FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES.
 - PAVEMENT PATCHING FOR UTILITY CUTS IN PAVEMENT WILL CONSIST OF 8" CONCRETE SLAB WITH 2" ASPHALT ON TOP. SEE DETAIL #7 ON DRAWING C7.03.
 - CONTRACTOR TO SCHEDULE AND COORDINATE ALL PAVEMENT OPEN CUTS FOR UTILITIES WITH OWNERS REPRESENTATIVE.
 - CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND COORDINATING ALL UTILITY TIE-INS WITH THE OWNER'S REPRESENTATIVE.
 - ALL UTILITY LINES SHALL BE BEDDED PER DETAILS AND SPECIFICATIONS.
 - CONTRACTOR TO NOTIFY THE LOCAL DHEC OFFICE AND VERIFY THAT THE DHEC PERMITS HAVE BEEN OBTAINED FOR THE SANITARY SEWER, AND FIRE LINES BEFORE STARTING CONSTRUCTION OF THESE UTILITIES.
 - FOR LOCATION AND CONTINUATION OF SANITARY SEWER LINES, WATER LINES, AND FIRE LINES SEE PLUMBING DRAWINGS.
 - CONTRACTOR TO VERIFY EXISTING INVERT BEFORE STARTING CONSTRUCTION OF NEW SANITARY SEWER LINES.
 - SEE CIVIL DRAWING C6.03 FOR SANITARY SEWER PROFILE.
 - CONTRACTOR TO USE MEGALUGS OR EQUAL ON ALL WATER LINE JOINTS AND FITTINGS 4" AND LARGER.
 - SEE ELECTRICAL SITE PLAN FOR DETAILS OF ELECTRICAL AND TELEPHONE LINES.
 - CONTRACTOR TO INSTALL NEW SS LINES AND MANHOLES BEFORE REMOVING THE EXISTING SS LINES. PUMPING OF EXISTING SEWAGE MAY BE REQUIRED.
 - CONTRACTOR TO INSTALL NEW ACID NEUTRALIZATION MANHOLE AND TANK. SEE DETAIL #3/C7.04.
 - SEE MECHANICAL DRAWINGS FOR LIKE SIZE AND DETAILS OF PC, HPS, CWS, AND CWR LINES.
 - ALL UNDERGROUND FIRE MAINS AND FIRE HYDRANTS INSTALLATIONS WILL BE INSPECTED BY OWNER'S REPRESENTATIVE AND ARCHITECT AND VERIFIED FOR PROPER INSTALLATION PRIOR TO CONCEALMENT.
 - CONTRACTOR TO FIELD VERIFY CWR AND CWS LINE SIZE AND LOCATION BEFORE STARTING CONSTRUCTION.
 - CONTRACTOR TO SCHEDULE CWR AND CWS LINES TIE-IN WITH OWNER'S REPRESENTATIVE. TIE-IN WORK TO BE SCHEDULED ON THE WEEKEND.
 - CONTRACTOR TO SCHEDULE SANITARY SEWER LINES TIE-IN WITH OWNER'S REPRESENTATIVE. TIE-IN WORK TO BE SCHEDULED ON THE WEEKEND. CONTRACTOR RESPONSIBLE FOR TEMPORARY PUMPING OF EXISTING SEWAGE DURING CONSTRUCTION OF NEW SSMH.
 - CONTRACTOR TO SCHEDULE 6" WATER LINE TIE-IN WITH OWNER'S REPRESENTATIVE. TIE-IN WORK TO BE SCHEDULED ON THE WEEKEND.
 - CONTRACTOR TO SEE MECHANICAL DRAWINGS FOR STEAM LINE PITS AND DETAILS.
 - CONTRACTOR TO VERIFY INVERT OF EXISTING SANITARY SEWER LATERAL BEFORE CONSTRUCTING THE NEW SANITARY SEWER LINES AND MANHOLES.
 - CONTRACTOR TO TIE EXISTING SANITARY SEWER LATERAL INTO NEW SSMH. CONTRACTOR TO ADD CLEANOUT ON EXISTING SEWER LATERAL FOR CHANGE OR ALIGNMENT.
 - CONTRACTOR RESPONSIBLE FOR PROVIDING TEMPORARY WATER LINE.
 - NEW STEAM LINES, SEE MECHANICAL DRAWINGS FOR LINE SIZE AND DETAILS.
 - NEW CWS & CWR LINES, SEE MECHANICAL DRAWINGS FOR LINE SIZE AND DETAILS.
 - CONTRACTOR TO TIE NEW WATER LINE INTO EXISTING WATER LINE IN PIT. CONTRACTOR TO REDUCE 6" LINE TO 4" LINE IN PIT BEFORE MAKING TIE-IN. CONTRACTOR TO USE MECHANICAL JOINT BEND WITH MEGALUGS TO TIE INTO EXISTING LINE.
 - CONTRACTOR TO ALIGN GATE VALVE UP WITH SMALL PLAZA DRAIN IN A NORTH /SOUTH ALIGNMENT.
 - SEE ELECTRICAL DRAWINGS FOR CONTINUATION OF ELECTRICAL LINES.

CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES FOR LOCATION OF ANY UNDERGROUND UTILITY SO THAT THEY CAN BE MARKED IN THE FIELD BEFORE STARTING CONSTRUCTION.

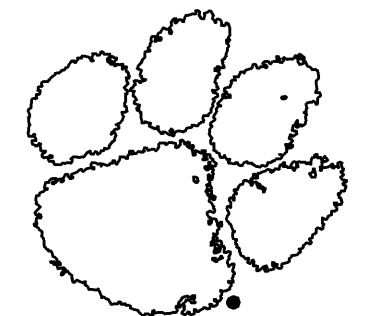
CONTRACTOR REQUIRED TO NOTIFY THE SURVEY GROUP AT UNIVERSITY FACILITIES PRIOR TO COVERING OR BACKFILLING ANY UNDERGROUND UTILITY SO THAT THEY CAN RECORD THE LOCATION AND OTHER INFORMATION ON THEIR MAPPING DATABASE.



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**Lee Hall Complex
Expansion/Renovation**
OSE Proj. No. H12-9886-SG
Clemson University
Clemson, South Carolina



DRAWING HISTORY:			
DATE	NO.	ISSUED FOR:	BY:
06.01.2010		Site Package For Permit	
08.08.2010		Issued for Construction	
08.30.2010		Release For GRP	

Scale:
PRINCIPAL IN CHARGE:
PROJECT ENGINEER:
DRAWN BY:
SHEET TITLE:
**SITE UTILITY LAYOUT FOR
PLAZA AREA**
SHEET NO.
PROJ. NO.
MPS 08178.00
C4.02

Building _____ Inspected by: _____ Date: _____

All decimal numbered items are governed by the 2010 ADA Guidelines for Existing Buildings, and have like numbered diagrams to reference for further information. All other items will have the governing code identified. The specific section for each code reference will be notated in (BLUE) on every item if a reference table is not given.

Priority 1 - Approach & Entrance

[illegible]

Building		Inspected by:															Date	
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Curb Ramps				Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
1.19 If the accessible route crosses a curb, is there a curb ramp? (402.2)																		
1.20 Is the running slope of the curb ramp no steeper than 1:12 (8.33%), i.e. for every inch of height change there are at least 12 inches of curb ramp run? (406.1, 405.2)																		
1.21 Is the cross slope of the curb ramp, excluding flares, no steeper than 1:48 (2%)? (406.1, 405.2)																		
1.22 Is the curb ramp, excluding flares, at least 36 inches wide? (406.1, 405.5)																		
1.23 At the top of the curb ramp is there a level landing (slope no steeper than 1:48 (2%) in all directions) that is at least 36 inches long and at least as wide as the curb ramp? (406.4)																		
If there are curb ramp flares,																		
are the slopes of the flares no steeper than 1:10, i.e. for every inch of height change there are at least 10 inches of flare run? (406.3)																		
1.24 If the landing at the top is less than 36 inches long, are there curb ramp flares?																		
Are the slopes of the flares no greater than 1:12, i.e. for every inch of height change there are at least 12 inches of flare run? (406.4)																		
Ramps				Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
1.18 Is the cross slope no steeper than 1:48 (2%)? (403.3)																		
1.25 If there is a ramp, is it at least 36 inches wide? (405.5)																		
Note: If there are handrails, measure between the handrails.																		
1.26 Is the surface stable, firm and slip resistant? (405.4)																		
1.27 For each section of the ramp, is the running slope no greater than 1:12 (8.33%), i.e. for every inch of height change there are at least 12 inches of ramp run? (405.2)																		
A117.1 2017 Note: Rises no greater than 3 inches with a slope no steeper than 1:8 (12.5%) and rises no greater than 6 inches with a slope no steeper than 1:10 (10%) are permitted when such slopes are necessary due to space limitations. (405.2)																		
1.28 Is there a level landing that is at least 60 inches long and at least as wide as the ramp:																		
(405.7.2, 405.7.3) At the top of the ramp?																		
(405.7.2, 405.7.3) At the bottom of the ramp?																		
1.29 Is there a level landing where the ramp changes direction that is at least 60 x 60 inches? (405.7.4)																		
1.30 If the ramp has a rise higher than 6 inches, are there handrails on both sides? (405.8)																		
Note: Curb ramps are not require to have handrails.																		
1.31 Is the top of the handrail gripping surface no less than 34 inches and no greater than 38 inches above the ramp surface? (505.4)																		
1.32 Is the handrail gripping surface continuous and not obstructed along the top or sides? (505.3)																		
If there are obstructions, is the bottom of the gripping surface obstructed by no more than 20%? (505.6)																		
1.33 If the handrail gripping surface is circular, is it no less than 1 1/4 inches and no greater than 2 inches in diameter? (505.7.1)																		

Building

Inspected by:

Date _____

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[illegible]

NOTES:

[illegible]

Building

Inspected by:

Date _____

All decimal numbered items are governed by the 2010 ADA Guidelines for Existing Buildings, and have like numbered diagrams to reference for further information. All other items will have the governing code identified. The specific section for each code reference will be notated in (BLUE) on every item if a reference table is not given.

		Yes	No	Measure			Yes	No	Measure			Yes	No	Measure			Yes	No	Measure								
Ramps																											
1.18 Is the cross slope no steeper than 1:48 (2%)? (403.3)																											
1.25 If there is a ramp, is it at least 36 inches wide? (405.5)																											
Note: If there are handrails, measure between the handrails.																											
1.26 Is the surface stable, firm and slip resistant? (405.4)																											
1.27 For each section of the ramp, is the running slope no greater than 1:12 (8.33%), i.e. for every inch of height change there are at least 12 inches of ramp run? (405.2)																											
A117.1 2017	Note: Rises no greater than 3 inches with a slope no steeper than 1:8 (12.5%) and rises no greater than 6 inches with a slope no steeper than 1:10 (10%) are permitted when such slopes are necessary due to space limitations. (405.2)																										
1.28 Is there a level landing that is at least 60 inches long and at least as wide as the ramp:																											
(405.7.2, 405.7.3) At the top of the ramp?																											
(405.7.2, 405.7.3) At the bottom of the ramp?																											
1.29 Is there a level landing where the ramp changes direction that is at least 60 x 60 inches? (405.7.4)																											
1.30 If the ramp has a rise higher than 6 inches, are there handrails on both sides? (405.8)																											
Note: Curb ramps are not require to have handrails.																											
1.31 Is the top of the handrail gripping surface no less than 34 inches and no greater than 38 inches above the ramp surface? (505.4)																											
1.32 Is the handrail gripping surface continuous and not obstructed along the top or sides? (505.3)																											
If there are obstructions, is the bottom of the gripping surface obstructed by no more than 20%? (505.6)																											
1.33 If the handrail gripping surface is circular, is it no less than 1 1/4 inches and no greater than 2 inches in diameter? (505.7.1)																											
1.34 If the handrail gripping surface is non-circular: (505.7.2)																											
Is the perimeter no less than 4 inches and no greater than 6 1/4 inches?																											
Is the cross section no greater than 2 1/4 inches?																											
1.35 Does the handrail:																											
A117.1 2017	Extend at least 12 inches horizontally in any direction beyond the top and bottom of the ramp and not encroach on the circulation path? (505.10.1)																										
	Return to a wall, guard, or landing surface? (505.10.1)																										
1.36 To prevent wheelchair casters and crutch tips from falling off: (405.9.1, 405.9.2)																											
Does the surface of the ramp extend at least 12 inches beyond the inside face of the handrail?																											
or Is there a curb or barrier that prevents the passage of a 4-inch diameter sphere?																											

NOTES:

Building

Inspected by:

Date _____

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Priority 2 - Access to Goods & Services

[illegible]

NOTE;

ADA CheckList for Existing Facilities

Building _____

Inspected by: _____

Date: _____

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	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
Elevators															
2.22 If there is a full size or LULA elevator, are the call buttons no higher than 54 inches above the floor? (407.2.2.1)															
2.23 If there is a full size or LULA elevator, does the sliding door reopen automatically when obstructed by an object or person? (407.3.3)															
2.24 If there is a LULA elevator with a swinging door:															
Is the door power-operated? (408.3.2.1)															
Does the door remain open for at least 20 seconds when activated? (403.3.2) Time?															
2.25 If there is a full size elevator:															
Is the interior at least 54 inches deep by at least 36 inches wide with at least 16 sq. ft. of clear floor area? (407.4.1)															
Is the door opening width at least 32 inches? (407.4.1)															
2.26 If there is a LULA elevator, is the interior:															
At least 51 inches deep x 51 inches wide with a door opening width of at least 36 inches? (408.4.1)															
or At least 54 inches deep by at least 36 inches wide with at least 15 sq. ft. of clear floor area and a door opening width of at least 32 inches? (408.4.1)															
2.27 If there is a full size or LULA elevator, are the in-car controls:															
No less than 15 inches and no greater 48 inches above the floor? (407.6.1)															
or Up to 54 inches for a parallel approach? (407.4.6.1)															
2.28 If there is a LULA elevator, are the in-car controls centered on a side wall? (408.4.6)															
2.29 If there is a full size or LULA elevator: (407.4.7.1, 703.2)															
Are the car control buttons designated with raised characters?															
Are the car control buttons designated with Braille?															
2.30 If there is a full size elevator, are there audible signals which sound as the car passes or is about to stop at a floor? (407.4.8)															
2.31 If there is a full size or LULA elevator: (407.2.3, 408.2.3)															
Is there a sign on both door jambs at every floor identifying the floor?															
Is there a tactile star on both jambs at the main entry level?															
Do text characters contrast with their backgrounds?															
Are text characters raised?															
Is there Braille?															
Is the sign mounted between 48 inches to the baseline of the lowest character and 60 inches to the baseline of the highest character above the floor?															
Measurement															
Platform Lifts															
2.32 If a lift is provided, can it be used without assistance from others? (410.1)															
Is there a clear floor space at least 36 inches wide by at least 48 inches long for a person using a wheelchair to approach and reach the controls to use the lift? (410.5)															
2.34 Are the lift controls no less than 15 inches and no greater than 48 inches above the floor? (410.5)															
2.35 Is there a clear floor space at least 30 inches wide by 48 inches long inside the lift? (410.3)															
2.36 If there is an end door, is the clear opening width at least 32 inches? (410.6)															
2.37 If there is a side door, is the clear opening width at least 42 inches? (410.6)															

NOTES:

Building

Inspected by:

Date _____

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[illegible]

NOTES:

ADA CheckList for Existing Facilities

Building

Inspected by:

Date _____

Rooms and Spaces - Stores, Suprmarkets, Libraries				Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
2.47 Are aisles and pathways to goods and services, and to one of each type of sales and service counters, at least 36 inches wide? (403.5.1)																		
2.48 Are floor surfaces stable, firm and slip resistant? (302.1)																		
2.49 If there is carpet? (302.2)																		
Is it no higher than 1/2 inch?																		
Is it securely attached along the edges																		
Controls - Light switches, security and intercom systems, emergency / alarm boxes, etc.				Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
2.50 Is there a clear floor space at least 30 inches wide by at least 48 inches long for a forward or parallel approach? (305.3)																		
(309.3, 308) Are the operable parts no higher than 48 inches above the floor? *																		
* If constructed before 3/15/2010 and a parallel approach provided, controls can be 54" above the floor.																		
2.51 Can the control be operated with one hand and without tight grasping, pinching, or twisting of the wrist? (309.4)																		
Seating: Assembly Areas - theaters, auditoriums, stadiums, theater style classrooms, etc.				Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
2.52 Are an adequate number of wheelchair spaces provided? (221.2.1)																		
2021 Use Table 1108.2.2.1 from 2018 IBC to determine number of accessible spaces Total #																		
IBC based on total number of seats provided. Wheelchair #																		
2.53 Are wheelchair spaces dispersed to allow location choices and viewing angles equivalent to other seating, including specialty seating areas that provide distinct services and amenities? (221.2.3)																		
2.54 Where people are expected to remain seated, do people in wheelchair spaces have a clear line of sight over and between the heads of others in front of them? (802.2.1.1, 802.1.1.2)																		
2.55 Where people are expected to stand, do people in wheelchair spaces have a clear line of sight over and between the heads of others in front of them? (802.2.2.1, 802.2.2.2)																		
2.56 If there is a single wheelchair space, is it at least 36 inches wide? (802.1.2)																		
2.57 If there are two adjacent wheelchair spaces, are they each at least 33 inches wide? (802.1.2)																		
2.58 If the wheelchair space can be entered from the front or rear, is it at least 48 inches deep? (802.1.3)																		
2.59 If the wheelchair space can only be entered from the side, is it at least 60 inches deep? (802.1.4)																		
2.60 Do wheelchair spaces adjoin but not overlap, accessible routes? (802.1.4)																		
2.61 Is there at least one companion seat for each wheelchair space? (221.3)																		
2.62 Is the companion seat located so the companion is shoulder-to-shoulder with the person in a wheelchair? (803.3.1)																		
2.63 If applicable, Is the companion seat equivalent in size, quality, comfort and amenities to seating in the immediate area? (803.3.2)																		
Access to Goods and Services				Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
2021 Is at least one of every type of element not detailed in other sections along an Accessble path and IBC designed to be Accessible? (1103.1)																		
2.8 Do all objects on circulation paths through public areas, e.g. fire extinguishers, drinking fountains, signs, etc., protrude no more than 4 inches into the path? (307.2)																		
If an object protrudes more than 4 inches,																		
or is the bottom leading edge at 27 inches or lower above the floor? (307.2)																		
Is the bottom leading edge at 80 inches or higher above the floor? (307.4)																		
Fire Alarm Systems				Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
4.20 If there is a fire alarm system, are NFPA 72 horns and strobes present? (702.1)																		
NFPA 72 If provided, are pull stations between 42-48 inches from the floor to the base of the station? (17.14.5)																		

Building	Inspected by:	Date:
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All decimal numbered items are governed by the 2010 ADA Guidelines for Existing Buildings, and have like numbered diagrams to reference for further information. All other items will have the governing code identified. The specific section for each code reference will be notated in (BLUE) on every item if a reference table is not given.

Complete an interior room inspection section for each retail and dining space in addition to this page

ADA CheckList for Existing Facilities

Building

Date

Sales & Service Counters - banks, stores, dry cleaners, auto repair shops, fitness clubs, etc.		Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
2021	Do the number of accessible checkout lines meet the minimums given in Table 1109.12.2 of the 2018 IBC.															
IBC	IBC.(Only 1 accessible checkout is req'd if public area in space is less than 5000 sqft)															
2.76	Is there a portion of each accessible counter that is:															
	No higher than 36 inches above the floor?															
	At least 36 inches long?															
2.77	Does the accessible portion of the counter extend the same depth as the counter top?															
2.78	Is there a clear floor space at least 30 inches wide by at least 48 inches long for a forward or parallel approach?															
	Parallel measurement?															
	Forward measurement?															
2.79	For a parallel approach, is the clear floor space positioned with the 48 inches adjacent to the accessible length of counter?															
2.80	For a forward approach:															
	Do no less than 17 and no greater than 25 inches of the clear floor space extend under the accessible length of the counter?															
	Is there at least 27 inches clearance from the floor to the bottom of the counter?															
Food Service Lines - in cafeterias, salad bars, eat-in fast food establishments, etc.		Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
2021	Are at least 50% but not less than 1 of each type of self-service shelf or dispensing device for															
IBC	tableware, dishware, condiments, food and beverages have a forward or parallel approach? (1109.12.4)															
2.82	If there is an unobstructed parallel approach, is the shelf, dispensing device, etc. no higher than 48 inches above the floor?															
2.83	If there is a shallow obstruction no deeper than 10 inches with a parallel approach, is the shelf, dispensing device, etc. no higher than 48 inches above the floor?															
2.84	If there is an obstruction no less than 10 inches and no greater than 24 inches deep with a parallel approach, is the shelf, dispensing device, etc. no higher than 46 inches above the floor?															
2.85	If there is an unobstructed forward approach, is the shelf, dispensing device, etc. no higher than 48 inches above the floor?															
2.86	If there is an obstruction no deeper than 20 inches with a forward approach:															
	Does clear floor space extend under the obstruction that is at least the same depth as the															
	Is the shelf, dispensing device, etc. no higher than 48 inches above the floor?															
2.87	If the obstruction is no less than 20 inches and no greater than 25 inches deep with a forward approach:															
	Does clear floor space extend under the obstruction that is a least the same depth as the obstruction?															
	Is the shelf, dispensing device, etc. no higher than 44 inches above the floor?															
2021	Are all food service lines accessible and satisfy the requirements above for either forward or parallel															
IBC	approach? (1109.12.4)															
2.88	If there is a tray slide, is the top no less than 28 inches and no greater than 34 inches above the floor?															

NOTES:

ADA CheckList for Existing Facilities

Building _____

Inspected by: _____

Date: _____

PRIORITY 3 - Toilet Rooms

	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
Accessible Route															
3.4 Is there a route to the accessible route to the accessible toilet room? (206.4.2)															
Toilet Rooms															
3.1 If toilet rooms are available to the public, is at least one toilet room accessible? (Either one for each sex, or one unisex.) (604.1)															
Note: Refer to Section 604.9 of the 2010 ADA Standards and Chapter 6 of A117.1-2017 for guidance on Children's restrooms.															
3.2 Are there signs at inaccessible toilet rooms that give directions to accessible toilet rooms? (216.8)															
3.3 If not all toilet rooms are accessible, is there a sign at the accessible toilet room with the International Symbol of Accessibility? (216.8)															
Signs and Entrances at Toilet Rooms															
3.5 Do text characters on signs contrast with their backgrounds? (216.2)															
Are text characters raised? (703.5)															
Is there Braille? (703.3)															
Is the sign mounted on the wall on the latch side of the door? (703.4.1)															
Note: Signs are permitted on the push side of doors with closers and without hold-open devices.															
Is there clear floor space beyond the arc of the door swing between the closed position and 45-degree open position, that is at least 18 x 18 inches centered on the tactile characters? (703.4.2)															
Is the baseline of the lowest character is at least 48 inches above the floor and the baseline of the highest character is no more than 60 inches above the floor? (703.4.1)															
3.6 Is the door opening width at least 32 inches clear, between the face of the door and the stop, when the door is open 90 degrees? (404.2.3)															
3.7 Is there a front approach to the pull side of the door with at least 18 inches of maneuvering clearance beyond the latch side plus 60 inches clear depth? (404.2.4)															
Note: (See 2010 ADA Standards 404.2.4 for maneuvering clearance requirements on push side of the door and side approaches to the pull side of the door)															
On both sides of the door, is the floor surface of the maneuvering clearance level (no steeper than 1:48) ? (404.2.4)															
A117.1- 2017 If the threshold is vertical is it no more than 1/4 inch high? (303.2)															
or No more than 1/2 inch high with the top 1/4 inch beveled no steeper than 1:2. (303.3)															
3.9 Is the door equipped with hardware that is operable with one hand and does not require tight grasping, pinching or twisting of the wrist? (404.2.7)															
Door Handle? (404.2.7)															
Lock (if provided)? (404.2.7)															
3.10 Are the operable parts of the door hardware mounted no less than 34 inches and no greater than 48 inches above the floor? (404.2.7)															
3.11 Can the door be opened easily (5 pounds maximum force)? (404.2.9)															
Note: You can use a pressure gauge or fish scale to measure force. If you do not have one you will need to judge whether the door is easy to open.															

Building						Date
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Building						Date
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ADA CheckList for Existing Facilities

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ADA CheckList for Existing Facilities

Building

Date _____

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ADA CheckList for Existing Facilities

Building

Date _____

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ADA CheckList for Existing Facilities

Building

Inspected by:

Date _____

PRIORITY 3 - Bathing Facilities

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ADA CheckList for Existing Facilities

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ADA CheckList for Existing Facilities

Building

Date

Note: Where provided, an adjustable-height hand shower mounted on a vertical bar shall be installed so as to not obstruct the use of grab bars.															
Are controls, faucets, shower and spray units obstructed and is there any obstruction that would prevent transfer from wheelchairs onto bathtub seats or into bathtubs?															
Note: Enclosures on bathtubs shall not have tracks installed on the rim of the bathtub															
607.8 Water temperature															
Is water 120°F (49°C) maximum?															
Shower Compartments A117.1-2017	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure	Yes	No	Measure
Transfer-type Shower Compartment Sizing, Layout and Clearances															
608.2.1.1 Size															
Does shower compartment shall have a clear inside dimension of 36 inches by 36 inches measured at the center point of opposing sides. An entry 36 inches (915 mm) minimum in width shall be provided.															
608.2.1.2 Clearance															
608.2.1.2.2 Existing buildings and facilities															
In existing buildings and facilities, is there a clearance of 48 inches minimum in length measured perpendicular from the control wall, and 36 inches minimum in depth provided adjacent to the open face of the compartment?															
608.2.1.3 Seat															
Is a folding or non-folding seat complying with Section 610 below provided on the wall opposite the control wall?															
Exception															
A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat															
608.3 Grab Bars															
Are Grab bars Provided?															
Exception															
A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat															
609.2 Grab Bar Cross Section															
609.2.1 Circular cross section															
Do Grab bars with a circular cross section have an outside diameter of 1 1/4 - 2 inches?															
609.2.2 Noncircular cross section															
Do Grab bars with a non-circular cross section have a cross sectional dimension of 2 inches maximum, and a perimeter dimension of 4 - 4.8 inches?															
609.3 Grab Bar Spacing															
Is the space between the wall and all grab bars 1 1/2 inches?															
Is the space between the grab bars and all projecting objects below and at the ends of the grab bars at least 1 1/2 inches?															
Is the space between all the grab bars and projecting objects above the grab bars shall be 12 inches minimum?															
Exceptions															
1 The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1 1/2 inches (38 mm) minimum															
2 Recessed dispensers projecting from the wall 1/4 inch (6.4 mm) maximum measured from the face of the dispenser and complying with Section 604.7 shall be permitted within the 12 inch (305 mm) space above and the 1 1/2-inch (38 mm) spaces below and at the ends of the grab bar															
609.5 Grab Bar Surface Hazards															

ADA CheckList for Existing Facilities

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ADA CheckList for Existing Facilities

Building	Date
610.3.1 Rectangular seats	
Is the gap between the wall and the rear of the seat s 2 1/2 inches or less?	
Is the seat at least 15 inches deep and the front edge 15 -16 inches from the seat wall?	
Is the gap between the side edge of the seat and the wall 1 1/2 inches or less?	
610.3.2 L-shaped seats	
Is the gap between the wall and the rear of the seat s 2 1/2 inches or less?	
Is the seat at least 15 inches deep and the front edge 15 -16 inches from the seat wall?	
Is the gap between the side edge of the seat and the wall 1 1/2 inches or less?	
Is Is the end of the "L" 22 - 23 inches maximum from the main seat wall and on the opposite side from the transfer end of the seat.	
Standard Roll-In Shower Compartment Sizing, Layout and Clearances	
608.2.2.1 Size	
Does the stall have a clear inside dimension of 60 inches minimum in width and 30 inches minimum in depth, measured at the center point of opposing sides?	
Is an entryway 60 inches minimum in width provided?	
608.2.2.2 Clearance	
Is there a clearance of 60 inches minimum in length and 30 inches in depth adjacent to the 60 inch (1525 mm) width of the open face of the shower compartment?	
Exception	
A lavatory complying with Section 606 shall be permitted at the end of the clearance opposite the seat	
608.2.2.3 Seat	
Is a folding seat complying withn Section 610 below shall be provided on an end wall?	
Exceptions	
1 A seat is not required to be installed in a shower for a single occupant accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat	
2 A fixed seat shall be permitted where the seat does not overlap the minimum clear inside dimension required by Section 608.2.2.1	
608.3 Grab Bars	
Are Grab Bars provided?	
Exception	
Grab bars shall not be required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with Section 608.3	
609.2 Grab Bar Cross Section	
609.2.1 Circular cross section	
Do Grab bars with a circular cross section have an outside diameter of 1 1/4 - 2 inches?	
609.2.2 Noncircular cross section	
Do Grab bars with a non-circular cross section have a cross sectional dimension of 2 inches maximum, and a perimeter dimension of 4 - 4.8 inches?	
609.3 Grab Bar Spacing	
Is the space between the wall and all grab bars 1 1/2 inches?	
Is the space between the grab bars and all projecting objects below and at the ends of the grab bars at least 1.5 inches?	
Is the space between all the grab bars and projecting objects above the grab bars shall be 12 inches minimum?	
Exceptions	
1 The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1 1/2 inches (38 mm) minimum	

ADA CheckList for Existing Facilities

Building

Date

2 Recessed dispensers projecting from the wall 1/4 inch (6.4 mm) maximum measured from the face of the dispenser and complying with Section 604.7 shall be permitted within the 12 inch (305 mm) space above and the 1 1/2-inch (38 mm) spaces below and at the ends of the grab bar															
609.5 Grab Bar Surface Hazards															
Are grab bars and any wall or other surfaces adjacent to grab bars free of sharp or abrasive elements with rounded edges?															
609.6 Grab Bar Fittings															
Are grab bars unable to rotate within their fittings?															
609.7 Grab Bar Installation and Configuration															
Are Grab bars outside of the clear floor space															
Note: Horizontal and vertical grab bars - shall be permitted to be separate bars, a single piece bar, or combination thereof.															
609.8 Grab Bar Structural Strength															
Do all grab bars appear to be able to support a vertical and horizontal force of 250 pounds applied at any point on the grab bar, fastener mounting device, or supporting structure?															
608.3 Grab Bar Location															
608.3.1.1 Horizontal grab bar: Control Wall															
Is a Horizontal grab bar provided at 33 - 36 inches from the floor across the control wall from 6 inches maximum from the side wall to the front of the seat?															
Note: This bar does not have to exceed 48 inches.															
608.3.1.2 Horizontal grab bar: Side Wall															
Is a Horizontal grab bar provided at 33 - 36 inches from the floor across the side wall from 6 inches maximum from the control wall to 4 inches maximum from the front edge of the shower.															
608.4 Controls and Hand Shower Location															
608.4.2 1 Are the controls and hand shower located above the seat on the back wall?															
2 Are controls and hand shower installed at 38 - 48 inches above the shower floor?															
3 3. Are controls and hand shower located 16 - 27 inches from the wall behind the seat?															
309.4 Can the control be operated with one hand and using 5 lbs. of force or less and without tight grasping, pinching, or twisting of the wrist?															
608.5 Hand shower															
Is a hand shower with a hose 59 inches minimum in length, that is functional as both a fixed shower head and as a hand shower provided?															
Does the hand shower have a control with a nonpositive shut-off feature?															
Exception															
In other than Accessible dwelling units and Type A dwelling units, a fixed shower head located 48 inches maximum above the shower floor shall be permitted in lieu of a hand shower.															
608.6 Threshold															
Is the threshold at the shower opening 1/2 inch maximum height and beveled, rounded, or vertical															
608.7 Shower enclosures															
Does the shower compartment enclosures obstruct controls or obstruct transfer from wheelchairs onto shower seats?															
608.8 Water temperature															
Is the water temperature 120°F maximum.															
610.3 Shower compartment seats															
Is the height of shower compartment seat 17 - 19 inches above the bathroom floor, measured to the top of the seat?															
In transfer-type and alternate roll-in-type showers, Does the seat extend along the seat wall to a point within 3 inches (75 mm) of the compartment entry?															
In standard roll-in-type showers, Does the seat extend from the control wall to a point within 3 inches (75 mm) of the compartment entry?															
610.3.1 Rectangular seats															
Is the gap between the wall and the rear of the seat s 2 1/2 inches or less?															

ADA CheckList for Existing Facilities

Building

Date

Is the seat at least 15 inches deep and the front edge 15 - 16 inches from the seat wall?															
Is the gap between the side edge of the seat and the wall 1.5 inches or less?															
610.3.2 L-shaped seats															
Is the gap between the wall and the rear of the seat s 2 1/2 inches or less?															
Is the seat at least 15 inches deep and the front edge 15 - 16 inches from the seat wall?															
Is the gap between the side edge of the seat and the wall 1 1/2 inches or less?															
Is Is the end of the "L" 22 - 23 inches maximum from the main seat wall and on the opposite side from the transfer end of the seat.															
Alternate Roll-In-Type Shower Sizing, Layout and Clearances															
608.2.3.1 Size															
Is there a clear inside dimension of 60 inches minimum in width, and 36 inches in depth, measured at the center point of opposing sides with a seat wall, 24 inches minimum and 36 inches maximum in length on the entry side of the compartment?															
Is an entry 36 inches minimum in width provided?															
Is a folding seat complying with Section 610 below provided on the seat wall opposite the back															
Exception															
A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat															
608.3 Grab bars															
Are Grab Bars provided?															
Exception															
Grab bars shall not be required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with Section 608.3															
609.2 Grab Bar Cross Section															
609.2.1 Circular cross section															
Do Grab bars with a circular cross section have an outside diameter of 1 1/4 - 2 inches?															
609.2.2 Noncircular cross section															
Do Grab bars with a non-circular cross section have a cross sectional dimension of 2 inches maximum, and a perimeter dimension of 4 - 4.8 inches?															
609.3 Grab Bar Spacing															
Is the space between the wall and all grab bars 1 1/2 inches?															
Is the space between the grab bars and all projecting objects below and at the ends of the grab bars at least 1.5 inches?															
Is the space between all the grab bars and projecting objects above the grab bars shall be 12 inches minimum?															
Exceptions															
1 The space between the grab bars and shower controls, shower fittings, and other grab bars above the grab bar shall be permitted to be 1 1/2 inches (38 mm) minimum															
2 Recessed dispensers projecting from the wall 1/4 inch (6.4 mm) maximum measured from the face of the dispenser and complying with Section 604.7 shall be permitted within the 12-inch (305 mm) space above and the 1 1/2-inch (38 mm) spaces below and at the ends of the grab bar															
609.5 Grab Bar Surface hazards															
Are grab bars and any wall or other surfaces adjacent to grab bars free of sharp or abrasive elements with rounded edges?															
609.6 Grab Bar Fittings															
Are grab bars unable to rotate within their fittings?															
609.7 Installation and configuration															
Are Grab bars outside of the clear floor space. Note: Horizontal and vertical grab bars -shall be permitted to be separate bars, a single piece bar, or combination thereof.															
609.8 Grab Bar Structural strength															

ADA CheckList for Existing Facilities

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ADA CheckList for Existing Facilities

Building _____

Date _____

Building _____ Inspected by: _____ Date: _____

Date _____

Building _____ Inspected by: _____ Date: _____

Building _____ Inspected by: _____ Date: _____

Building _____ Inspected by: _____ Date: _____

Building

Date _____

Building	Date
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All decimal numbered items are governed by the 2010 ADA Guidelines for Existing Buildings, and have like numbered diagrams to reference for further information. All other items will have the governing code identified. The specific section for each code reference will be notated in (BLUE) on every item if a reference table is not given.

NOTES:

TABLE 1106.1 ACCESSIBLE PARKING SPACES			
TOTAL PARKING SPACES PROVIDED IN PARKING FACILITIES			REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
1	to	25	1
26	to	50	2
51	to	75	3
76	to	100	4
101	to	150	5
151	to	200	6
201	to	300	7
301	to	400	8
401	to	500	9
501	to	1,000	2% of total
1,001	and	over	20, plus one for each 100, or fraction thereof, over 1,000

TABLE 1108.2.2.1 ACCESSIBLE WHEELCHAIR SPACES			
CAPACITY OF SEATING IN ASSEMBLY AREAS			MINIMUM REQUIRED NUMBER OF WHEELCHAIR SPACES
4	to	25	1
26	to	50	2
51	to	100	4
101	to	300	5
301	to	500	6
501	to	5,000	6, plus 1 for each 150, or fraction thereof, between 501 through 5,000
5,001	and	over	36, plus one for each 200, or fraction thereof, over 5,000

TABLE 1107.6.1.1 ACCESSIBLE DWELLING UNITS AND SLEEPING UNITS						
TOTAL PARKING SPACES PROVIDED IN PARKING FACILITIES			REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES	MINIMUM REQUIRED NUMBER OF ACCESSIBLE UNITS WITH ROLL-IN SHOWERS		TOTAL NUMBER OF REQUIRED ACCESSIBLE UNITS
1	to	25	1	0		1
26	to	50	2	0		2
51	to	75	3	1		4
76	to	100	4	1		5
101	to	150	5	2		7
151	to	200	6	2		8
201	to	300	7	3		10
301	to	400	8	4		12
401	to	500	9	4		13
501	to	1,000	2% of total	1% of total		3% of total
Over 1,001			20, plus one for each 100, or fraction thereof, over 1,000	10, plus 1 for each 100, or fraction thereof, over 1,000		30, plus 2 for each 100, or fraction thereof, over 1,000

TABLE 1108.2.7.1 RECEIVERS FOR ASSISTIVE LISTENING SYSTEMS		
CAPACITY OF SEATING IN ASSEMBLY AREAS	MINIMUM REQUIRED NUMBER OF RECEIVERS	MINIMUM NUMBER OF RECEIVERS TO BE HEARING-AID COMPATIBLE
50 or less	2	2
51 to 200	2, plus 1 per 25 seats over 50 seats*	2
201 to 500	2, plus 1 per 25 seats over 50 seats*	1 per 4 receivers *
501 to 1,000	20, plus 1 per 33 seats over 500 seats*	1 per 4 receivers *
1,001 to 2,000	32, plus 1 per 50 seats over 1,000 seats*	1 per 4 receivers *
Over 2,000	55, plus 1 per 3100 seats over 2,000 seats*	1 per 4 receivers *

TABLE 1109.12.2 ACCESSIBLE CHECK-OUT AISLES	
TOTAL CHECK-OUT AISLES OF EACH FUNCTION	MINIMUM NUMBER OF ACCESSIBLE CHECK- OUT AISLES OF EACH FUNCTION
1 to 4	1
5 to 8	2
9 to 15	3
Over 15	3, plus 20% of additional aisles

TABLE 1108.3	
TOTAL PARKING SPACES PROVIDED IN PARKING FACILITIES	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
1 to 200	5%, but not less than 1
Over 200	10, plus 2% of total number of units over 200

TABLE 604.9.3.1-DOOR OPENING LOCATION		
Door Opening Location	Measured From	Dimension
Front Wall or Partition	From the side wall or partition closest to the water closet	56 inches (1420 mm) minimum
	or	
	From the side wall or partition farthest from the water closet	4 inches (100 mm) maximum
Side Wall or Partition Wall- Hung Water Closet	From the rear wall	52 inches (1320 mm) minimum
	or	
	From the front wall or partition	4 inches (100 mm) maximum
Side Wall or Partition Floor- Mounted Water Closet	From the rear wall	55 inches (1395 mm) minimum
	or	
	From the front wall or partition	4 inches (100 mm) maximum

App
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Fr
Fr
Fr
Fr
1. Add 1. 2. Add 6. 3. Bayon 4. Add 6.

**TABLE 1108.2.7.1
RECEIVERS FOR ASSISTIVE LISTENING SYSTEMS**

CAPACITY OF SEATING IN ASSEMBLY AREAS	MINIMUM REQUIRED NUMBER OF RECEIVERS	MINIMUM NUMBER OF RECEIVERS TO BE HEARING-AID COMPATIBLE
50 or less	2	2
51 to 200	2, plus 1 per 25 seats over 50 seats*	2
201 to 500	2, plus 1 per 25 seats over 50 seats*	1 per 4 receivers*
501 to 1,000	20, plus 1 per 33 seats over 500 seats*	1 per 4 receivers*
1,001 to 2,000	35, plus 1 per 50 seats over 1,000 seats*	1 per 4 receivers*
Over 2,000	55, plus 1 per 100 seats over 2,000 seats*	1 per 4 receivers*

TABLE 604.9.3.1-DOOR OPENING LOCATION

Door Opening Location	Measured From	Dimension
Front Wall or Partition	From the side wall or partition closest to the water closet	56 inches (1420 mm) minimum
	or	
	From the side wall or partition farthest from the water closet	4 inches (100 mm) maximum
Side Wall or Partition Wall-Hung Water Closet	From the rear wall	52 inches (1320 mm) minimum
	or	
	From the front wall or partition	4 inches (100 mm) maximum
Side Wall or Partition Floor-Mounted Water Closet	From the rear wall	55 inches (1395 mm) minimum
	or	
	From the front wall or partition	4 inches (100 mm) maximum

Table 703.6 Visual Character Height (ADA 508.301)

Height to Finish Floor or Ground from Baseline of Character	Horizontal Viewing Distance	Minimum Character Height
40 inches (1015 mm) to less than or equal to 70 inches (1780 mm)	less than 72 inches (1830 mm)	5/8 inch (16 mm)
	72 inches (1830 mm) and greater	5/8 inch (16 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 72 inches (1830 mm)
Greater than 70 inches (1780 mm) to less than or equal to 120 inches (3050 mm)	less than 180 inches (4570 mm)	2 inches (51 mm)
	180 inches (4570 mm) and greater	2 inches (51 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 180 inches (4570 mm)
greater than 120 inches (3050 mm)	less than 21 feet (6400 mm)	3 inches (75 mm)
	21 feet (6400 mm) and greater	3 inches (75 mm), plus 1/8 inch (3.2 mm) per foot (305 mm) of viewing distance above 21 feet (6400 mm)

**TABLE 1108.2.2.1
ACCESSIBLE WHEELCHAIR SPACES**

CAPACITY OF SEATING IN ASSEMBLY AREAS	MINIMUM REQUIRED NUMBER OF WHEELCHAIR SPACES
4 to 25	1
26 to 50	2
51 to 100	4
101 to 300	5
301 to 500	6
501 to 5,000	6, plus 1 for each 150, or fraction thereof, between 501 through 5,000
5,001 and over	36 plus 1 for each 200, or fraction thereof, over 5,000

**TABLE 1106.1
ACCESSIBLE PARKING SPACES**

TOTAL PARKING SPACES PROVIDED IN PARKING FACILITIES	REQUIRED MINIMUM NUMBER OF ACCESSIBLE SPACES
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1,000	2% of total
1,001 and over	20, plus one for each 100, or fraction thereof, over 1,000

Table 404.2.4.1 Maneuvering Clearances at Manual Swinging Doors and Gates (text version)

Type of Use		Minimum Maneuvering Clearance	
Approach Direction	Door or Gate Side	Perpendicular to Doorway	Parallel to Doorway (beyond latch side unless noted)
From front	Pull	60 inches (1525 mm)	18 inches (455 mm)
From front	Push	48 inches (1220 mm)	0 inches (0 mm) ²
From hinge side	Pull	60 inches (1525 mm)	36 inches (915 mm)
From hinge side	Pull	54 inches (1370 mm)	42 inches (1065 mm)
From hinge side	Push	42 inches (1065 mm) ²	22 inches (560 mm) ²
From latch side	Pull	48 inches (1220 mm) ²	24 inches (610 mm)
From latch side	Push	42 inches (1065 mm) ²	24 inches (610 mm)

² 2 inches (50 mm) if closer and latch are provided.
¹ 1 inches (150 mm) if closer and latch are provided.
³ 1 inches (150 mm) if closer is provided.

Table 404.2.4.2 Maneuvering Clearances at Doorways without Doors or Gates, Manual Sliding Doors, and Manual Folding Doors

	Minimum Maneuvering Clearance	
Approach Direction	Perpendicular to Doorway	Parallel to Doorway (beyond stop/latch side unless noted)
From Front	48 inches (1220 mm)	0 inches (0 mm)
From side ¹	42 inches (1065 mm)	0 inches (0 mm)
From pocket/hinge side	42 inches (1065 mm)	22 inches (560 mm) ²
From stop/latch side	42 inches (1065 mm)	24 inches (610 mm)
1. Doorway with no door only. 2. Beyond pocket/hinge side.		