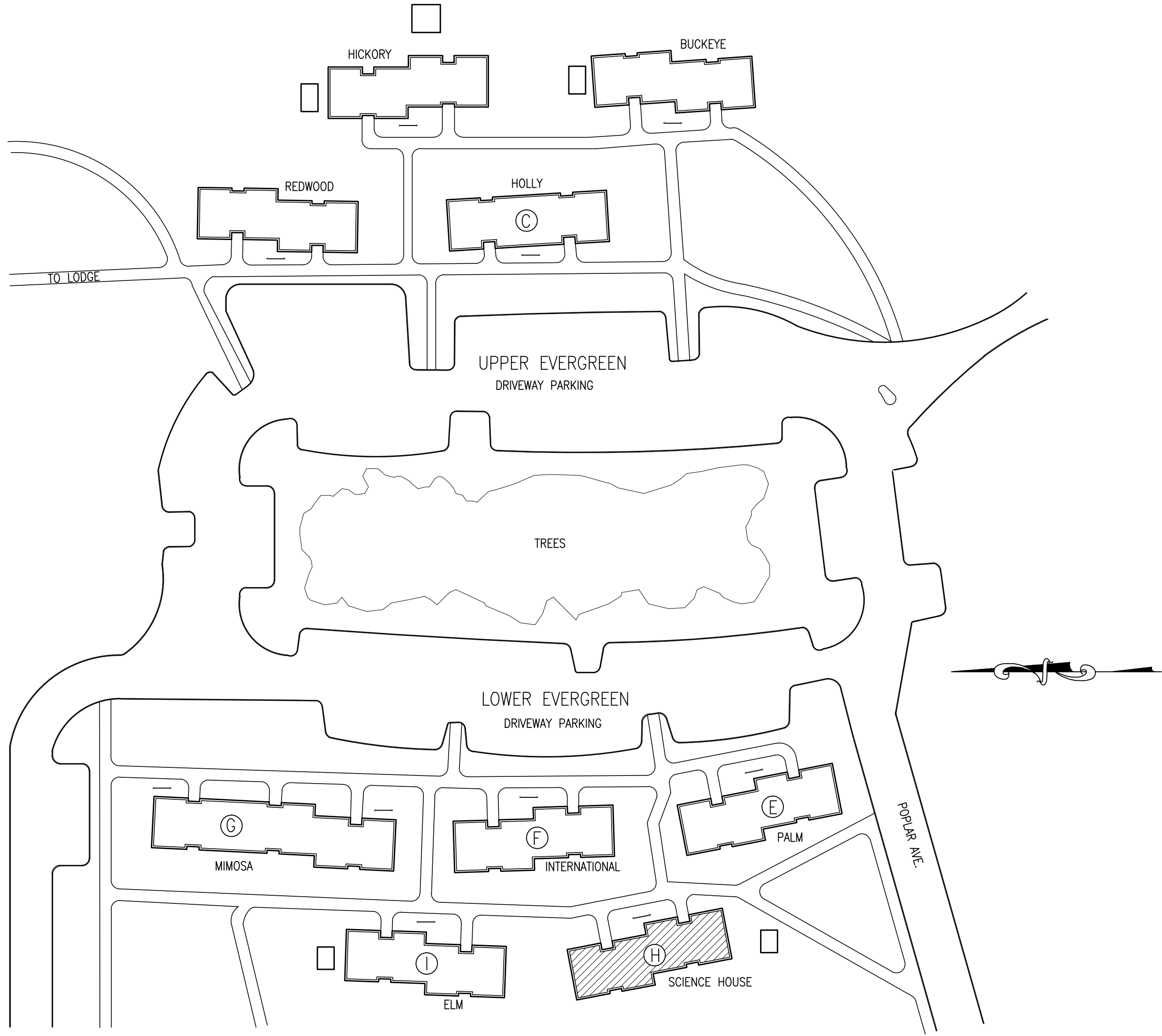




INTERIOR RENOVATIONS  
AT THE  
**SCIENCE HOUSE - H RESIDENCE**

505 Ramapo Valley Road  
Mahwah, New Jersey 07430-1680



**KEY PLAN**  
S C A L E : N.T.S.

**CONTROLLED INSPECTIONS**

- ALL SPECIAL INSPECTIONS, INCLUDING BUT NOT LIMITED TO, NEW STEEL, CONCRETE, MASONRY CONSTRUCTION, ETC. SHALL BE INSPECTED AS OUTLINED IN 2009 IBC/N.J. CHAPTER 17 "STRUCTURAL TESTS AND SPECIAL INSPECTIONS".
- OWNER SHALL HIRE A TESTING LAB TO PERFORM THE REQUIRED INDEPENDENT INSPECTIONS.

**SAFETY PLAN NOTES**

- THE CONTRACTOR IS TO MAINTAIN ALL SERVICES TO THE BUILDING DURING THE PROGRESS OF THE WORK SPECIFIED FOR THE ALTERATION.
- ALL MEANS OF EGRESS FROM THE BUILDING WILL BE KEPT FREE OF CONSTRUCTION OF ANY KIND. ALL ENTRANCE DOORS AND LIGHTS IN PUBLIC HALLWAYS WILL BE KEPT IN WORKING ORDER. THE CONTRACTOR SHALL PROVIDE ADEQUATE FIRE SAFETY TO THE TENANTS.

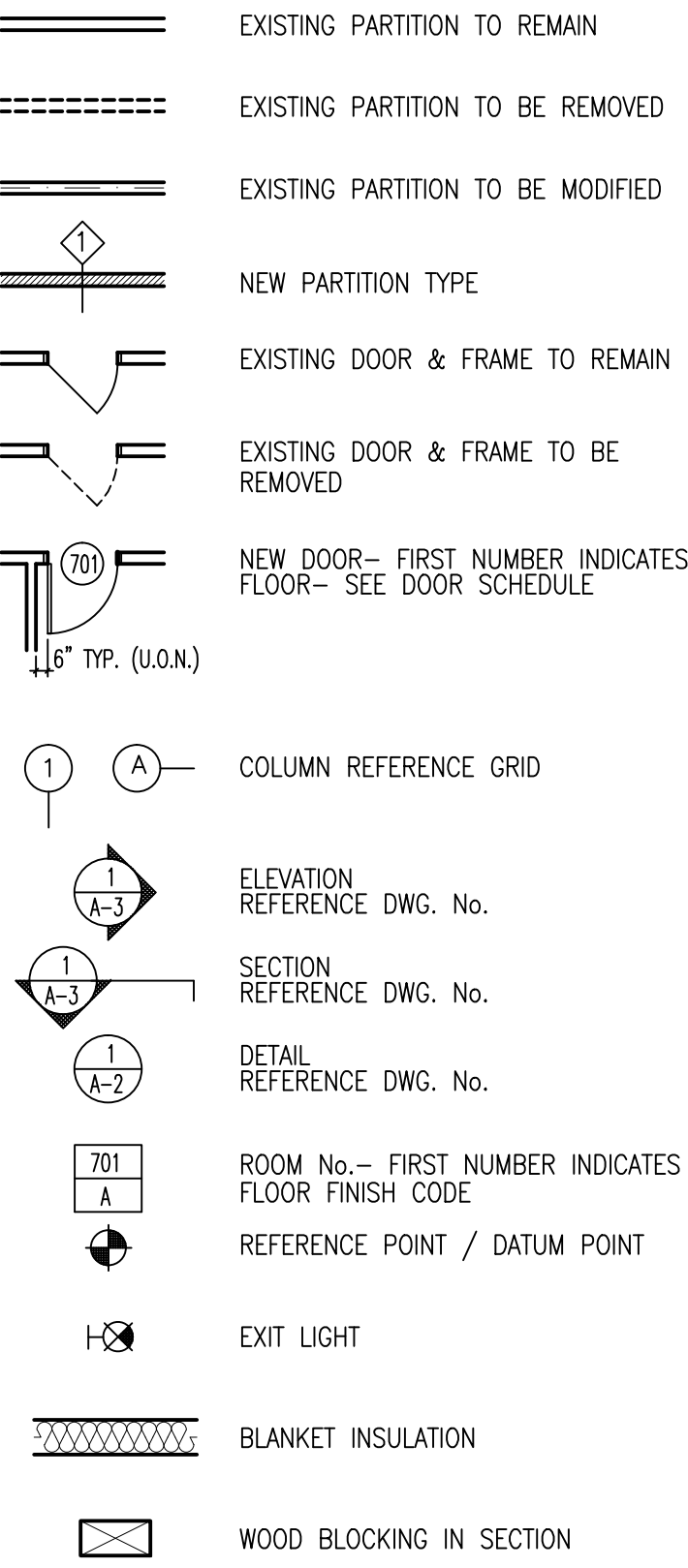
**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE AND SHALL REPORT, IN WRITING, ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO STARTING CONSTRUCTION. COMMENCEMENT OF THE WORK BY THE CONTRACTOR WILL IMPLY HIS ACCEPTANCE OF ALL EXISTING CONDITIONS.
- EXISTING CONDITIONS DISTURBED BY ALTERATION WORK SHALL BE PATCHED & REPAIRED OR REPLACED TO MATCH EXISTING CONDITIONS & FINISHES TO A LIKE NEW CONDITION.
- WHERE IN THE COURSE OF ALTERATION, DIMENSIONS EXIST OR CONDITIONS ARE ENCOUNTERED, WHICH ARE AT VARIANCE FROM THE EXISTING CONDITIONS AS SHOWN ON THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF SUCH DISCREPANCIES & SHALL NOT PROCEED UNTIL THE ARCHITECT DIRECTS THE PROPER METHOD OF COMPLETION.
- CONTRACTOR TO CAP AND IDENTIFY ALL EXISTING UTILITIES PRIOR TO START OF WORK IN AREAS SUCH AS FLOORS, CEILINGS, PARTITIONS, ETC.; COORDINATE WITH ENGINEERING DRAWINGS.
- CONTRACTOR SHALL PROVIDE PROPER PROTECTION FOR ALL EXISTING WORK, FURNISHINGS & FIXTURES LIKELY TO BE DAMAGED. WHEN THE EXTERIOR OPENINGS ARE MADE IN EXISTING WORK, THEY SHALL BE COVERED w/WATERIGHT PROTECTION AT THE END OF THE DAY'S WORK.
- PROTECT EXISTING STRUCTURE FROM DAMAGE DURING CONSTRUCTION & INSURE STRUCTURAL INTEGRITY.
- LIMIT USE OF PREMISES FOR WORK AND FOR CONSTRUCTION OPERATIONS. LIMIT ACCESS AS DIRECTED BY BUILDING OWNER OR MANAGER. COORDINATE USE OF PREMISES UNDER DIRECTION OF BUILDING OWNER OR MANAGER.
- FIRE RETARDANT TREAT ALL FINISHED WOOD, BLOCKING, ETC., PER CODE REQUIREMENTS.
- MATERIALS, WORKMANSHIP AND INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH NOT ONLY THE MFG.'S PRINTED INSTRUCTIONS, BUT ALSO THE STANDARDS OF RECOGNIZED AGENCIES OR ASSOCIATIONS.
- PROVIDE TEMPORARY PROTECTION OF MATERIALS AND EQUIPMENT.
- ALL MATERIALS SHALL BE NEW, UNLESS OTHERWISE SPECIFIED.
- WORK PERFORMED OVER ANY SURFACE CONSTITUTES ACCEPTANCE OF THAT SURFACE FOR THE SPECIFIED QUALITY OF THE WORK BEING PERFORMED THEREON.
- ALUMINUM SURFACES IN CONTACT w/DISSIMILAR MATERIALS SHALL RECEIVE TWO (2) THOROUGH COATS OF BITUMINOUS PAINT.
- SHOP PRIME PAINT ALL NON-GALVANIZED FERROUS METALS. COLOR SHALL BE BLACK.
- REFER TO ENGINEERING DRAWINGS PREPARED BY CONSULTING ENGINEER FOR ALL ELECTRICAL, MECHANICAL, AND SPRINKLER INFORMATION.
- UPON COMPLETION OF THE WORK, REMOVE ANY TEMPORARY FACILITIES AND RESTORE ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS TO THEIR ORIGINAL CONDITION OR AS APPROVED BY ARCHITECT.
- REUSE OF THIS DRAWING WITHOUT THE ARCHITECT'S PROFESSIONAL INVOLVEMENT WILL BE AT THE OWNER'S OR USER'S SOLE RISK AND WITHOUT LIABILITY TO THE ARCHITECT. THE OWNER OR USER SHALL INDEMNIFY AND HOLD HARMLESS THE ARCHITECT, THE ARCHITECT'S CONSULTANTS, AGENTS AND EMPLOYEES AGAINST ANY CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES.
- SHOP DRAWINGS & SUBMITTALS:  
REFER TO FRONT END SPECIFICATIONS PREPARED BY CAMBRIDGE FOR SHOP DRAWING & SUBMITTAL PROCEDURE & REQUIREMENTS.
- GENERAL CONTRACTOR SHALL PREPARE COORDINATION DRAWINGS AS REQUIRED TO RESOLVE CONFLICTS AND TO ASSURE COORDINATION OF WORK. SUBMIT COMPOSITE WORKING DRAWINGS AT A SUITABLE SCALE NOT LESS THAN 1/2"=1'-0" TO ARCHITECT FOR REVIEW, REPRODUCE AND DISTRIBUTE REVIEWED COPIES TO ALL CONCERNED PARTIES.
- CLEANING:  
A. MAINTAIN PREMISES AND PUBLIC PROPERTIES FREE FROM ACCUMULATIONS OF WASTE, DEBRIS AND RUBBISH, CAUSED BY OPERATIONS.  
B. AT COMPLETION OF WORK, REMOVE WASTE MATERIALS, RUBBISH, TOOLS, EQUIPMENT, MACHINERY AND SURPLUS MATERIALS, AND CLEAN ALL SIGHT EXPOSED SURFACES; LEAVE PROJECT CLEAN AND READY FOR OCCUPANCY.
- WARRANTIES:  
A. WARRANTY WORK FREE FROM DEFECTIVE MATERIALS AND WORKMANSHIP FOR ONE YEAR AFTER THE DATE OF OWNER'S ACCEPTANCE OR WITHIN SUCH PERIOD OF TIME AS MAY BE PRESCRIBED BY THE TERMS OF ANY APPLICABLE SPECIAL WARRANTY REQUIRED BY THE CONTRACT DOCUMENTS.
- THE GENERAL CONTRACTOR & SUB CONTRACTOR SHALL FOLLOW CHAPTER 13 OF THE ASCE 7-05 FOR APPLICABLE SEISMIC REQUIREMENTS FOR FASTENING NON-STRUCTURAL COMPONENTS (I.E. SIGNS, ELECTRICAL, MECHANICAL, HVAC, TV MONITORS), ALL FASTENERS SHALL BE IN COMPLIANCE w/ THE REQUIREMENTS.

**GENERAL NOTES (CONT.)**

- THE CONTRACTOR WILL BE RESPONSIBLE THAT ALL WORK IS IN STRICT ACCORDANCE WITH LOCAL BUILDING CODES.
- GYPSUM BOARD PARTITIONS SHALL BE ERECTED AS SHOWN ON THE PLANS, DETAILS, OR AS CALLED FOR IN THE SPECIFICATIONS. GYPSUM BOARD PARTITION JOINTS SHALL BE LOCATED SO THAT THE PANEL EDGES FALL ON ALTERNATE STUDS. JOINTS SHALL BE TAPED, SPACKLED AND FINISHED SMOOTH FOR RECEPTION OF NEW FINISHES.
- WHERE NEW AND EXISTING BUILDING PARTITIONS ARE SHOWN TO ALIGN, THE JUNCTION SHALL BE TAPED, SPACKLED AND FINISHED SMOOTH.
- CORNER AND "J" BEADS SHALL BE USED AT EXPOSED GYPSUM BOARD CORNERS AND/OR ENDS.
- THOROUGHLY CHECK JOBSITE FOR EXISTING DAMAGED FRAMING. SUCH CONDITIONS SHALL BE REPAIRED AND SURFACES MADE READY TO RECEIVE NEW FINISHES. INCLUDE SUCH CONDITIONS IN BASE BID.
- WALLS THAT ARE TO BE PAINTED SHALL HAVE ONE (1) COAT OF PRIMER AND MINIMUM OF TWO (2) FINISH COATS OR UNTIL THOROUGHLY COVERED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE CONSULTANTS DRAWINGS BEFORE PROCEEDING WITH THE WORK. ANY DISCREPANCY BETWEEN ARCHITECT'S CONSULTING ENGINEER'S DRAWINGS AND THE CONSULTANTS DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO THE INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL AND M.E.P. ENGINEERING DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE WITHOUT EXPENSE TO THE OWNER. IN THE EVENT OF DISCREPANCY THE CONTRACTOR SHALL BE DEEMED TO HAVE INCLUDED IN THE BID THE GREATER, BETTER QUALITY ETC. SEE LIST OF DRAWINGS FOR CONSULTANT & DRAWINGS.
- IN THE EVENT OF INCONSISTENCY BETWEEN DRAWINGS AND SPECIFICATION OR WITHIN EITHER DOCUMENT NOT CLARIFIED BY ADDENDUM, THE BETTER QUALITY OR GREATER QUANTITY OF WORK SHALL BE PROVIDED IN ACCORDANCE WITH THE ARCHITECT'S INTERPRETATION.
- ARCHITECT HAS NO KNOWLEDGE OF ANY OTHER HAZARDOUS MATERIALS ON THE SITE. SHOULD ASBESTOS OR OTHER HAZARDOUS MATERIALS BE ENCOUNTERED DURING DEMOLITION ACTIVITIES, CONTACT OWNER AND COMPLY WITH APPLICABLE REGULATIONS, LAWS AND ORDINANCES CONCERNING REMOVAL, HANDLING AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROTECTION OF THE SPACE UNTIL OCCUPANCY IS TAKEN. ALL PROTECTION SHALL BE MAINTAINED DAILY.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR BRINGING IN AND REMOVING ALL MATERIALS AND EQUIPMENT.
- THE CONTRACTOR SHALL OBTAIN, PAY FOR AND MAINTAIN IN FORCE DURING THE ENTIRE PROGRESS OF THE WORK INSURANCE FOR PUBLIC LIABILITY, WORKMAN'S COMPENSATION AND DISABILITY IN THE AMOUNTS AS REQUIRED BY LAW, AS A MINIMUM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING WITH THE ARCHITECTURAL DRAWINGS BEFORE PROCEEDING WITH THE INSTALLATION OF ANY MECHANICAL, ELECTRICAL, OR SPRINKLER WORK. ANY DISCREPANCY BETWEEN ARCHITECT'S AND CONSULTING ENGINEER'S DRAWINGS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL EXPENSE TO THE OWNER. IN THE EVENT OF A DISCREPANCY THE CONTRACTOR SHALL BE DEEMED TO HAVE INCLUDED IN THE BID THE GREATER QUANTITY, BETTER QUALITY ETC.
- C.G. SHALL PROVIDE FIRE EXTINGUISHERS W/SEMI-RECESSED CABINET AS REQUIRED BY LOCAL CODES. USE TYPE ABC/5R 10 LB. ABC UL RATED, FM APPROVED COMMERCIAL GRADE FIRE EXTINGUISHER w/METAL VALVE, PRESSURE GAGE, INSTRUCTIONS, SAFETY PIN & BREAKABLE TYPE SEAL. MOUNT IN SEMI-RECESSED F.E. CABINET, LARSEN'S ST./STL. MODEL SS-2409-R1 CABINET. MOUNT PER ANSI AND ADA REQUIREMENTS. REVIEW ADDITIONAL LOCATIONS IF REQUIRED WITH ARCHITECT & BUILDING FIRE INSPECTOR PRIOR TO INSTALLATION.
- DETAILS NOT SHOWN OR SPECIFIED, BUT NECESSARY FOR PROPER AND ACCEPTABLE CONSTRUCTION, INSTALLATION OR OPERATION OF ANY PART OF THE WORK AS DETERMINED BY THE ARCHITECT, SHALL BE INCLUDED IN THE WORK THE SAME AS IF HEREIN SPECIFIED OR INDICATED.
- THE WORDS "PROVIDE" OR PROVIDE NEW" MEANS TO FURNISH AND INSTALL NEW ITEM(S) AND/OR SYSTEM(S) INDICATED.
- TRADE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS, AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
- CONTRACTORS SHALL LAYOUT HIS OWN WORK AND VERIFY ALL DIMENSIONS REQUIRED FOR OTHER TRADES WITH THE SUBCONTRACTORS.
- CONTRACTOR SHALL MAINTAIN FREE AND UNOBSTRUCTED ACCESS FROM WORK AREA AND ADJACENT SPACES TO THE OUTSIDE OF THE BUILDING AT ALL TIMES. IF THE PATHS OF EGRESS CANNOT BE MAINTAINED DURING THE CONSTRUCTION, THE CONTRACTOR MUST PROVIDE ALTERNATE MEANS OF EGRESS INCLUDING ERECTING BARRICADES, TEMPORARY SIGNS, ALTERNATE PATHS OF TRAVEL, ETC. IN ORDER TO MAINTAIN A SAFE ENVIRONMENT FOR THE OCCUPANTS OF THE BUILDING.
- WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON THE DRAWINGS IT SHALL BE CONSIDERED TO MEAN THE ESTABLISHING OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCT SUBSTITUTIONS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL.
- THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION MEANS METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND FOR THE COORDINATION OF WORK, AND FOR PERFORMED BY HIS SUBCONTRACTOR.
- THE CONTRACTOR IS TO INSTALL NEW TELECOMMUNICATIONS SYSTEM, INCLUDING NEW WIRING, JACKS & EQUIPMENT

**LEGEND/ SYMBOLS**



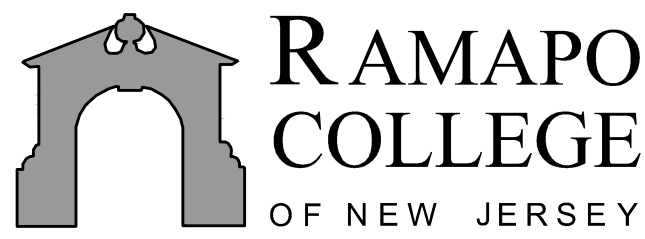
**LIST OF ABBREVIATIONS**

Ø	AT	LAM	LAMINATE
A.D.	AREA DRAIN	LAV	LAVATORY
ACOUS	ACOUSTIC	LDR	LEADER
A.F.F.	ABOVE FINISHED FLOOR	L.P.	LOW POINT
ARCH	ARCHITECT	MAS	MASONRY
ARCH'L	ARCHITECTURAL	MAX	MAXIMUM
ALUM	ALUMINUM	MECH	MECHANICAL
BD	BOARD	MIN	MINIMUM
BLK	BLOCK	M.O.	MASONRY OPENING
BLDG	BUILDING	M. & B. R.	MOP & BROOM RACK
BLKG	BLOCKING	MTL	METAL
B/O	BOTTOM OF	N.I.S.	NOT IN SCOPE
C.J.	CONTROL JOINT	NOM	NOMINAL
CL	CLOSET	OA	OVERALL
CLG	CEILING	O.C.	ON CENTER
COL	COLUMN	OD	OUTSIDE DIAMETER
CONC	CONCRETE	O.D.	OVERFLOW DRAIN
CONC	CONCRETE	OH	OVERHEAD
CONTR	CONTRACTOR	OPH	OPPOSITE HAND
CONST	CONSTRUCTION	OPP	OPPOSITE
C.T.	CERAMIC TILE	OPNG	OPENING
DET	DETAIL	PLAST, LAM.	PLASTIC LAMINATE
DIM	DIMENSION	PLY. WD.	PLYWOOD
DN	DOWN	PTD	PAINTED
DOOR	DOOR	P.T.D. & R.	PAPER TOWEL DISPENSER AND RECEPTACLE
DWG	DRAWING	QT	QUARRY TILE
EA	EACH	R.D.	ROOF DRAIN
ELEV	ELEVATION	REFS	REQUIRED
ELEC	ELECTRIC	RFR	REFRIGERATOR
EQ	EQUAL	RQ'D	REQUIRED
E.W.C.	ELECTRIC WATER COOLER	RM	ROOM
EXH	EXHAUST	R.O.	ROUGH OPENING
EXP. JT.	EXPANSION JOINT	S.D.	SOAP DISPENSER
EXT.	EXTERIOR	S.ECT	SECTION
FLUR	FLOOR DRAIN	S.F.	SQUARE FOOT
F.H.C.	FLUORESCENT FIRE HOSE CABINET	SM	SIMILAR
FIN	FINISH	STAND	STANDARD
F.P.S.C.	FIREPROOF SELF-CLOSING FRAME	SPEC	SPECIFICATION (s)
FR	FABRIC WALL COVERING	S.S.	STAINLESS STEEL
G.A.	GAGE, GAUGE	STD	STANDARD
GB	GRAB BAR	STL	STEEL
GL	GLASS	STRUCT'L	STRUCTURAL
GYP. BD.	GYPSUM WALLBOARD	SUSP	SUSPENDED
H	HIGH	TEL	TELEPHONE
HB	HOSE BIBB	THK	THICK
HDW	HARDWARE	W/O	WITH TRIMMED OPENING
HGT	HEIGHT	T/O	TOP OF
HM	HOLLOW METAL	T.T.	TOILET TISSUE DISPENSER
HORIZ	HORIZONTAL	TYP	TYPICAL
HR	HOUR	UNL.	UNLESS OTHERWISE NOTED
HW	HOT WATER HEATER	VERT	VERTICAL
HVAC	HEATING/VENTILATING/ AIR CONDITIONING	V.C.	VALVE CABINET
I.D.	INSIDE DIAMETER	V.C.T.	VINYL COMPOSITION TILE
INSUL	INSULATION	V.W.C.	VINYL WALL COVERING
INT	INTERIOR	W	WIDE
		WD	WOOD
		WFF	WELDED WIRE FABRIC

**LIST OF DRAWINGS**

DRAWING NUMBER	TITLE
ARCHITECTURAL DRAWINGS – SNS ARCHITECTS & ENGINEERS, PC.	
A000	COVER SHEET, GENERAL NOTES
A001	BUILDING DEPARTMENT NOTES, EGRESS PLANS & PARTIAL DEMOLITION PLANS
A002	FIRST & SECOND FLOOR PLANS, DOOR SCHEDULE & DETAILS
A003	ENLARGED PLANS, NOTES, LEGEND, & PARTITION TYPES
A004	ENLARGED PLAN, MILLWORK DETAILS & EQUIPMENT SCHEDULE
A005	STAIR PLAN & DETAILS & FINISH SCHEDULE
MECHANICAL DRAWINGS – LINWOOD ENGINEERING ASSOCIATES, P.A.	
M001	HVAC NOTES, DETAILS & SYMBOLS
M100	FIRST & SECOND FLOOR HVAC PLANS
M200	ENLARGED FIRST & SECOND FLOOR HVAC PLANS
ELECTRICAL DRAWINGS – LINWOOD ENGINEERING ASSOCIATES, P.A.	
E001	ELECTRIC NOTES, SPECIFICATIONS & SYMBOLS
E100	FIRST & SECOND FLOOR DEMOLITION PLANS
E200	ENLARGED FIRST & SECOND FLOOR ELECTRICAL PLANS
E201	SECOND FLOOR ELECTRICAL PLAN
E300	ENLARGED FIRST & SECOND FLOOR ELECTRICAL PLANS
E400	CRAWL SPACE & FIRST FLOOR FIRE ALARM PLANS
E401	SECOND FLOOR & ATTIC FIRE ALARM PLANS
E402	FIRE ALARM NOTES, RISER DIAGRAM, SCHEDULE & SYSTEM SEQUENCE OF OPERATION MATRIX
E500	LIGHTING FIXTURE SCHEDULE, PANEL SCHEDULE & DETAILS
PLUMBING DRAWINGS – LINWOOD ENGINEERING ASSOCIATES, P.A.	
P001	PLUMBING NOTES, SYMBOLS & SCHEDULES
P100	CRAWL SPACE & FIRST FLOOR PLUMBING PLANS
P101	SECOND FLOOR PLUMBING PLAN
P200	ENLARGED FIRST & SECOND FLOOR PLUMBING PLANS
P300	PLUMBING RISER DIAGRAMS & DETAILS
FIRE PROTECTION DRAWINGS – LINWOOD ENGINEERING ASSOCIATES, P.A.	
FP001	FIRE PROTECTION NOTES & SYMBOLS
FP100	CRAWL SPACE, FIRST & SECOND FLOOR FIRE PROTECTION PLANS
FP101	ATTIC FIRE PROTECTION PLAN & DETAILS
FP200	ENLARGED FIRST & SECOND FLOOR FIRE PROTECTION PLANS

INTERIOR RENOVATIONS  
AT THE  
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**DCA PROJECT#**

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Cert./Lic. No. AI 109740  
Date 01-12-15 Scale NONE  
Drawn By DP Checked By DP  
Dwg. Title  
**COVER SHEET & GENERAL NOTES**  
Work Order No. Dwg. No.

4698H A000