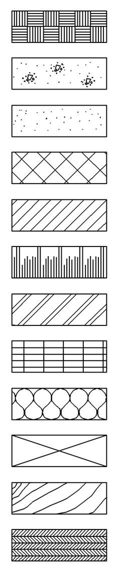
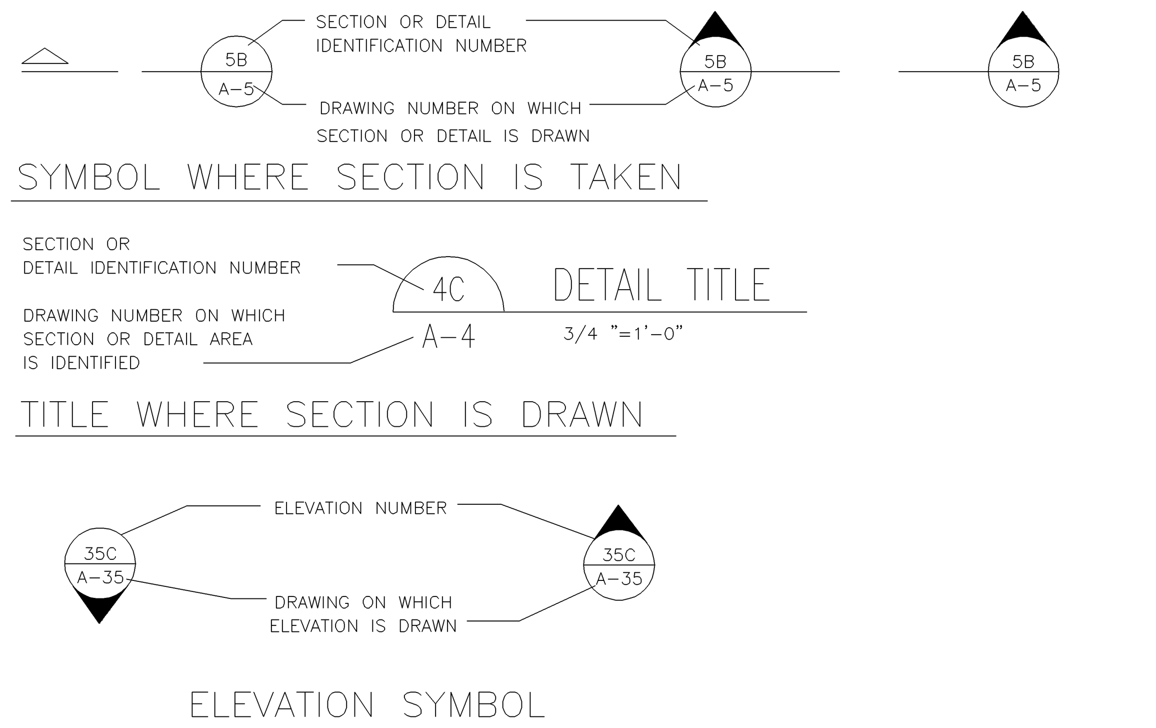
MATERIAL INDICATIONS



- EARTH
- CONCRETE
- MORTAR – GROUT – PLASTER – GYPSUM BOARD
- CONCRETE MASONRY UNITS
- BRICK
- METAL (ELEVATION)
- STEEL (CROSS SECTION)
- INSULATION (RIGID) / STEEL GRATING
- INSULATION (LOOSE OR BATT)
- WOOD (BLOCKING)
- WOOD (FINISH)
- PLYWOOD

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE AND NOTIFY THE OWNER OF ANY DISCREPANCIES PRIOR TO PROCEDING WITH THE WORK.
2. ALL OPENINGS IN EXISTING WALLS AND FLOORS WHERE MECHANICAL AND ELECTRICAL EQUIPMENT, DUCTS, CONDUITS, ETC. ARE REMOVED ARE TO BE FILLED IN WITH CORRESPONDING MATERIALS AND PATCHED AND PAINTED TO MATCH ADJACENT SURFACES, SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS.

DETAIL SYMBOLS



ABBREVIATIONS

AB	ANCHOR BOLT
ABC	ABOVE BOTTOM CHORD
ABR	ABRASIVE
ABV	ABOVE
ACC	ACCESS
ACST	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADD	ADDENDUM
ADH	ADHESIVE
ADJ	ADJACENT
ADJT	ADJUSTABLE
ADMIN	ADMINISTRATIVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AGGR	AGGREGATE
AGV	AUTOMATIC GUIDED VEHICLE
AHC	ABOVE HUNG CEILING
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALF	ACTIVE LEAF
AL/T	ALUMINUM THRESHOLD
ALT	ALTERNATE
AMP	ACOUSTICAL METAL PANEL
ANC	ANCHOR
AP	ACID PROOF FINISH
APNL	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AS	AUTOMATIC SPRINKLERS
ASPH	ASPHALT
ASR	AUTOMATIC SPRINKLER RISER
ASSOC	ASSOCIATION / ASSOCIATES
ASSY	ASSEMBLY
ASTR	ASTRAGAL
ATH	ATHLETIC FLOORING
AVG	AVERAGE
AWC	ACOUSTIC WALL COVERING
B/B	BACK TO BACK
BBD	BULLETIN BOARD
BC	BOTTOM CHORD OR BACK OF CURB
BD	BOARD
BET	BETWEEN
BEV	BEVEL
BFF	BELOW FINISH FLOOR
BHC	BELOW HUNG CEILING
BITUM	BITUMINOUS
BLDG	BUILDING
BLK	BLOCK
BLKG	BLOCKING
BM	BEAM
BOF	BOTTOM OF FOOTING
BOS	BOTTOM OF STEEL
BOT	BOTTOM
BRCG	BRACING
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BS	BOTH SIDES
BSC	BIRD SCREEN
BSMT	BASEMENT
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
BULL	BULLETIN
BUR	BUILT-UP ROOFING
C	COURSE OR COVE
CAB	CABINET
CAS	CONTROLLED ACCESS SYSTEM
CB	CATCH BASIN
C/C	CENTER TO CENTER
CEM	CEMENT
CERT	CERTIFIED
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE
CHBD	CHALK BOARD
CHEM	CHEMICAL
CHKD PL	CHECKERED PLATE
CI	CAST IRON
CJ	CONSTRUCTION JOINT
CL	CENTERLINE
CLG	CEILING
CLJ	CONTROL JOINT
CLKG	CAULKING
CLO	CLOSET
CLR	CLEAR
CLS	CLOSURE
CM	CENTIMETER
CMT	CERAMIC MOSAIC TILE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS OR CONTINUATION
CONTR	CONTRACT(OR)
CONV	CONVECTOR
CORG	CORRUGATED
CORR	CORRIDOR
CPT	CARPET
CPTT	CARPET TILE
CRD	CONTROLLED ROOF DRAIN
CS	CARBON STEEL
CSK	COUNTERSINK
CT	CERAMIC TILE
CTR	CENTER
CUH	CABINET UNIT HEATER
CY	CUBIC YARD
DBL	DOUBLE
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DH	DOOR HEADER
DIA	DIAMETER
DIAG	DIAGRAM
DIFF	DIFFUSER OR DIFFERENCE
DIM	DIMENSION
DISP	DISPENSER
DJ	DOOR JAMB
DN	DOWN
DO	DOOR OPENING
DP	DAMPPROOFING
DPR	DAMPER
DR	DOOR
DR	DRAIN
DS	DOWNSPOUT
DSW	DOOR SWITCH
DWG	DRAWING
DWH	DOMESTIC WATER HEATER

DWL	DOWELS
DWR	DRAWER
E	EAST
EA	EACH
EC	EXPOSED CONSTRUCTION
EF	EXHAUST FAN OR EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL OR ELECTRIC
ELEV	ELEVATOR
EMER	EMERGENCY
EMS	EMERGENCY SHOWER
EW	EMERGENCY EYE WASH
ENCL	ENCLOSURE
EO	ELECTRIC OPERATED
EPX	EPOXY
EQ	EQUAL
EQPT	EQUIPMENT
ES	EMERY SHAKE
ESW	EMERGENCY SHOWER AND EYE WASH
EUH	ELECTRIC UNIT HEATER
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EXCV	EXCAVATED
EXH	EXHAUST
EXP	EXPANSION
EXPO	EXPOSED
EXST	EXISTING
EXT	EXTERIOR
F	FAHRENHEIT
FB	FABRIC
FCO	FLOOR CLEAN OUT
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
F/F	FACE TO FACE
FFIN	FACTORY FINISH
FHC	FIRE HOSE CABINET
FHR	FIRE HOSE RACK/REEL
FHWS	FLAT HEAD WOOD SCREW
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FLASH	FLASHING
FLUOR	FLUORESCENT
FLX	FLEXIBLE
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FP	FOLDING PARTITION
FPM	FEET PER MINUTE
FPRF	FIREPROOF
FR	FRAME
FRMG	FRAMING
FRP	FIBER REINFORCED PLASTIC
FT	FEET
FTG	FOOTING
FURR	FURRING
FUT	FUTURE
FWC	FABRIC WALL COVERING
FWP	FABRIC WRAPPED PANELS
G	GLAZE (GLAZING)
GA	GAGE (GAUGE)
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GEN	GENERATOR
GENL	GENERAL
GI	GALVANIZED IRON
GL	GLASS
GP	GYPSUM
GPB	GYPSUM WALL BOARD (DRYWALL)
GPL	GYPSUM LATH
GPT	GYPSUM TILE
GR	GRADE OR GRILLE
GRT	GRATING
H	HIGH
HB	HOSE BIBB
HC	HOLLOW CORE
HCP	HANDICAPPED
HD	HEAD OR HEAVY DUTY
HDWE	HARDWARE
HEX	HEXAGON
HGR	HANGER
HGT	HEIGHT
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HIGH POINT OR HORSEPOWER
HR	HANDRAIL
HS	HIGH STRENGTH
HTR	HEATER
HV	HIGH VOLTAGE
HVU	HEATING AND VENTILATING UNIT
HWH	HOT WATER HEATER
HVAC	HEATING, VENTILATING & AIR CONDITIONING
HYD	HYDRANT
IAMS	INSULATED ACOUSTICAL METAL SIDING
I&C	INSTRUMENTATION AND CONTROLS
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IMP	INSULATED METAL PANEL
IMS	INSULATED METAL SIDING
IN	INCH(ES)
INC	INCORPORATED OR INCANDESCENT
INCL	INCLUDE
INFO	INFORMATION
INSUL	INSULATION
INTR	INTERIOR
INV	INVERT
JB	JUNCTION BOX
JC	JANITOR CLOSET
JT	JOINT
K	KIPS
KIT	KITCHEN
KPL	KICK PLATE
L	LENGTH OR LONG
LAB	LABORATORY
LAM	LAMINATE
LAV	LAVATORY
LB	POUND
LBS	POUNDS
LCKW	LOCKWASHER

LEV	LEVEL
LG	LONG
LH	LIQUID HARDENER OR LEFT HAND OR LOUVER HEAD
LJ	LOUVER JAMB
LIN	LINEAR
LKR	LOCKER
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNDG	LANDING
LO	LOUVER OPENING
LOC	LOCATION (LOCATE)
LP	LOW POINT OR LIGHTING PANEL
LS	LOUVER SILL
LT	LIGHT
LTG	LIGHTING
LVR	LOUVER
M	METER
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAU	MAKE UP AIR UNIT
MAX	MAXIMUM
MC	MEDICINE CABINET
MCC	MOTOR CONTROL CENTER
MCP	MAIN CONTROL PANEL
MDS	METAL DIVIDER STRIP
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MES	METAL EDGE STRIP
MET	METAL
MEZZ	MEZZANINE
MFG	MANUFACTURING
MF/GL	METAL FRAME WITH GLASS
MFR	MANUFACTURER
MG	METAL GRATE
MGR	MANAGER
MH	MANHOLE OR MOUNTING HEIGHT
MI	MISCELLANEOUS IRON
MIC	MICROPHONE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLDG	MOLDING
MM	MILLIMETER
MMP	MOVABLE METAL PARTITION
MO	MASONRY OPENING
MOD	MODULE
MP	MOVABLE PARTITION
MRBL	MARBLE
MS	METAL SHAKE
MT	MEN'S TOILET
MTD	MOUNTED
MTG	MOUNTING
MUL	MULLION
N	NORTH
NEC	NATIONAL ELECTRIC CODE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NOS	NOSING
NS	NON-SLIP OR NEAR SIDE
NTS	NOT TO SCALE
OBS	OBSCURE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OHDR	OVERHEAD DOOR
O/O	OUT TO OUT
OPER	OPERATOR
OPNG	OPENING
OPP	OPPOSITE
OZ	OUNCE
P	PAINT
PB	PANIC BAR
PBS	PUSH BUTTON STATION
PC	PIECE, PROTECTIVE COATING OR PERSONAL COMPUTER
PEN	PENETRATION
PERF	PERFORATED
PH	PHASE
PIV	POST INDICATOR VALVE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLTF	PLATFORM
PLYWD	PLYWOOD
PNL	PANEL
PORC	PORCELAIN
PP	POWER PANEL
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT OR PROJECTION
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OR PORCELAIN TILE
PTD	PAPER TOWEL DISPENSER
PTD/R	PAPER TOWEL DISPENSER/RECEPTACLE
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE
PVMT	PAVEMENT
PWR	POWER
QT	QUARRY TILE
R	RISER, RESINOUS FLOORING OR RADIUS
RA	RETURN AIR
RAF	RAISED ACCESS FLOOR
RAG	RETURN AIR GRILLE
RAR	RETURN AIR REGISTER
RBT	RUBBER TILE
RC	ROOF CONDUCTOR
RD	ROOF DRAIN OR ROAD
RECPT	RECEPTACLE
REF	REFERENCE
REG	REGISTER
REINF	REINFORCED (REINFORCEMENT)
REMV	REMOVABLE
REQD	REQUIRED
RES	RESILIENT (SHEET RUBBER)
RF	RAISED FACE OR RETURN FAN
RFG	ROOFING
RH	RIGHT HAND
RHH	ROOF HOSE HOUSE
RM	ROOM OR RECESSED MAT
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RP	RECEPTACLE PANEL
RR	RAILROAD

RS	ROOF SUMP
RSB	RESILIENT BASE
RSC	ROLLING STEEL CURTAIN
RSR	ROLLED SHEET RESILIENT
RST	RESILIENT TILE
RTN	RETURN
RTU	ROOFTOP UNIT
RV	ROOF VENT
RVC	ROLLING VINYL CURTAIN
S	SOUTH OR SEALER
SA	SUPPLY AIR OR SOUND ABSORBING
SAG	SUPPLY AIR GRILLE
SAN	SANITARY SEWER
SAR	SUPPLY AIR REGISTER
SC	SOLID CORE
SCD	SEAT COVER DISPENSER
SCH	SCHEDULE
SCR	SCREW
SD	SOAP DISPENSER, SMOKE DETECTOR OR SUPPLY DIFFUSER
SECT	SECTION
SECY	SECRETARY
SEP	SEPARATE
SF	SUPPLY FAN
SH	SHELF
SHLD	SHIELDED
SHR	SHOWER
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SLTD	SLOTTED
SLV	SLEEVE
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTACLE
SO	SASH OPENING
SP	SPACES OR SPARK PROOF FLOOR FINISH
SPEC	SPECIFICATION
SPKR	SPEAKER
SPR	SINGLE-PLY ROOF
SQ	SQUARE
SQ FT	SQUARE FOOT
SQ YD	SQUARE YARD
SR	SHEET ROLLED RESILIENT
SS	STRUCTURAL STEEL OR SERVICE SINK
SSC	STRUCTURAL STEEL CONTRACT
SSM	SOLID SURFACE MATERIAL
SST	STAINLESS STEEL
ST	STAIN (WOOD)
STAGG	STAGGERED
STA	STATION
STD	STANDARD
STIFF	STIFFENER
STL	STEEL
STN	STONE
STOR	STORAGE
STRU	STRUCTURAL
SUBST	SUBSTATION
SURF	SURFACE
SUSP	SUSPENDED
SV	SHEET VINYL OR SMOKE VENT
SWBD	SWITCHBOARD
SWP	STRETCH WALL PANEL
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD OR THERMOSTAT
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
TB	TOWEL BAR
TBD	TO BE DETERMINED
TBLR	TUBULAR
TC	TOP CHORD OR TOP OF CURB ELEVATION
TD	TRENCH DRAIN
TE	TOP ELEVATION
TEL	TELEPHONE
TEMP	TEMPERED OR TEMPERATURE
TER	TERRAZZO
TERM	TERMINAL
TH	TOWEL HOOK
THD	THREAD
THK	THICK
THRES	THRESHOLD
TKBD	TACKBOARD
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TP	TOILET PARTITION
TPD	TOILET PAPER DISPENSER
TR	TRAP ROCK
TRD	TREAD (NOTES)
TV	TELEVISION
TYP	TYPICAL
TW	TOP OF WALL ELEVATION
UC	UNDERCUT
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITERS LABORATORY
UMS	UNISULATED METAL SIDING
UNF	UNFINISHED
UON	UNLESS OTHERWISE NOTED
UR	URINAL
XP	EXPLOSION PROOF
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VENT	VENTILATOR
VEST	VESTIBULE
VIN	VINYL
VOL	VOLUME
VT	VINYL TILE
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W	WEST OR WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD OR WIDE
WDW	WINDOW
WF	WASH FOUNTAIN
WGL	WIRE GLASS
WH	WINDOW HEAD OR WATER HEATER
WJ	WINDOW JAMB
WMP	WIRE MESH PARTITION
WO	WINDOW OPENING
WOM	WOMEN'S
WP	WORKING POINT OR WEATHER PROOF
WS	WINDOW SILL OR WATERSTOP
WSCT	WAINSCOT
WT	WOMEN'S TOILET OR WEIGHT
WWF	WELDED WIRE FABRIC
YD	YARD

CODE INFORMATION

ARCHITECTURAL:

CODE BASIS:
2007 BUILDING CODE OF NEW YORK STATE
2007 EXISTING BUILDING CODE OF NEW YORK STATE

OCCUPANCY: F-1

CONSTRUCTION TYPE: IIB

BUILDING AREA: 15,120 SQ.FT.

ALLOWED AREA: 31,000 SF SPRINKLED

BUILDING IS FULLY SPRINKLED

EXIT TRAVEL DISTANCE: 250'

GENERAL NOTES

CONSTRUCTION SITE NOTES

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY AND CONSTRUCTION MEANS AND METHODS IN THE PERFORMANCE OF THE WORK. PROVIDE ALL MEASURES REQUIRED TO PROTECT THE STRUCTURE, WORKERS AND OTHER PERSONS DURING CONSTRUCTION OPERATIONS.
2. CONTRACTOR TO COMPLY WITH ALL OSHA REGULATIONS, AND ANY OTHER SITE SAFETY REQUIREMENTS OF THE OWNER IN THE PERFORMANCE OF THE WORK. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER AND ALL CONTRACTOR EMPLOYEES SHALL AT ALL TIMES WORK IN COMPLIANCE WITH THE OWNER'S SAFETY REGULATIONS AND ANY GENERAL CONTRACTOR SAFETY REQUIREMENTS.
3. PROVIDE ADEQUATE BRACING AND SHORING FOR CONSTRUCTION EQUIPMENT AND FOR THE BUILDING. PROVIDE SCAFFOLDING, SHEETING, TEMPORARY BARRIERS, BRACING OF EXCAVATIONS AND OTHER TEMPORARY SUPPORTS AS REQUIRED. DO NOT STORE OR STACK CONSTRUCTION MATERIALS ON ERECTED FLOORS OR ROOFS IN EXCESS OF 80 PERCENT OF THE SPECIFIED DESIGN LIVE LOAD. MINIMIZE DYNAMIC IMPACT TO EXISTING STRUCTURES WHEN PLACING MATERIALS ON FLOORS OR ROOFS.
4. DO NOT OBSTRUCT EXISTING BUILDING DOORS OR EGRESS PATHS DURING THE PERFORMANCE OF THE WORK.
5. CONTRACTOR SHALL CLEAN THE SITE OF CONSTRUCTION DEBRIS TO MAINTAIN A SAFE ENVIRONMENT ON A DAILY BASIS. LEGALLY DISPOSE OF ALL HAZARDOUS MATERIALS.

GENERAL COORDINATION NOTES

1. CONFORM TO ALL OWNER'S GENERAL AND SPECIAL CONDITIONS IN THE PERFORMANCE OF THE WORK OR AS HEREIN SPECIFIED.
2. ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODE AND ALL APPLICABLE STATE AND LOCAL CODES, ACCESSIBILITY STANDARDS AS WELL AS ANY APPLICABLE OWNER'S CORPORATE STANDARDS. THE LOCAL CODE AUTHORITY HAS THE AUTHORITY TO INTERPRET CODE REQUIREMENTS AND THESE INTERPRETATIONS MAY VARY FROM NORMAL INTERPRETATION AND INFORMATION REPRESENTED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE OR THE ARCHITECT-ENGINEER OF ANY DISCREPANCIES OR DIFFERENCES AND SHALL PROCEED WITH THE WORK ONLY UPON RECEIVING WRITTEN AUTHORIZATION.
3. THE DRAWINGS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNTIL THE SEAL AND SIGNATURE OF THE RESPONSIBLE REGISTRANT APPEARS ON THE DRAWING, AND PROPER PERMIT FORMS AND RELATED FEES ARE TRANSMITTED BY THE OWNER, OWNER'S AGENT, OR CONTRACTOR TO THE AUTHORITY HAVING JURISDICTION.
4. CONTRACTOR TO OBTAIN ALL REQUIRED CONSTRUCTION PERMIT FORMS, PAY ALL RELATED FEES, AND ARRANGE FOR ALL REQUIRED INSPECTIONS AND APPROVALS.
5. BIDDER/CONTRACTOR SHALL VISIT THE SITE, EXAMINE AND VERIFY EXISTING CONDITIONS UNDER WHICH THE WORK SHALL BE CONDUCTED AND ACCOUNT FOR EXISTING FIELD CONDITIONS AND ACTUAL FIELD DIMENSIONS IN ALL BIDS SUBMITTED AND ALL WORK PERFORMED. REPORT ANY DISCREPANCIES IN THE EXISTING CONDITIONS IMMEDIATELY TO THE OWNER'S REPRESENTATIVE OR ARCHITECT/ ENGINEER.
6. CONTRACTOR SHALL REVIEW ALL CONTRACT DOCUMENTS, INCLUDING SPECIFICATIONS, OF INTERFACING TRADES AND OTHER RELATED CONTRACTS PRIOR TO BIDDING AND COMMENCEMENT OF WORK TO ENSURE COMPLETE COORDINATION OF FINISHED WORK.
7. EACH SUBCONTRACTOR IS RESPONSIBLE TO COORDINATE AND SCHEDULE THEIR WORK WITH THE GENERAL CONTRACTOR AND ALL OTHER CONTRACTORS WHO'S WORK WILL BE AFFECTED. SPECIFICATIONS ARE APPLICABLE AND BINDING TO ALL CONTRACTORS AND SUBCONTRACTORS. REPORT AND DISCREPANCIES, PRIOR TO CONSTRUCTION, TO THE OWNER'S REPRESENTATIVE OR ARCHITECT/ ENGINEER FOR REVIEW AND CLARIFICATION.
8. BEFORE AWARD OF CONTRACT, IF THERE ARE QUESTIONS ABOUT INTENT, CLARITY, APPLICATION OF NOTES, OR WORK SHOWN OR SPECIFIED, OR IF CONFLICTING DIRECTIONS ARE FOUND IN THE DOCUMENTS, THE GENERAL CONTRACTOR SHALL REQUEST WRITTEN CLARIFICATION FROM THE OWNER'S REPRESENTATIVE OR ARCHITECT/ ENGINEER. ANY CLARIFICATIONS OR INTERPRETATIONS OF THE CONTRACT DOCUMENTS PROVIDED AFTER CONTRACT AWARD SHALL BE AT NO ADDITIONAL COST.
9. CONTRACTOR SHALL NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF AN OMISSION OF NECESSARY DIMENSIONS OR INFORMATION, CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OR ARCHITECT/ ENGINEER. FIGURED AND CALCULATED DIMENSIONS TAKES PRECEDENCE OVER SCALED MEASUREMENTS. DETAIL DRAWINGS AND LARGER SCALE DRAWINGS TAKES PRECEDENCE OVER SMALLER SCALE DRAWINGS. ALL PLAN DETAILS AND WALL SECTIONS ARE ASSUMED TO BE TYPICAL CONDITIONS UNLESS DETAILED OR NOTED OTHERWISE.
10. SOME STANDARD SYMBOLS, ABBREVIATIONS AND DETAILS INDICATED IN CONTRACT DOCUMENTS MAY NOT BE APPLICABLE TO THIS SPECIFIC CONTRACT ISSUE.
11. DRAWING DETAILS ARE CONCEPTUAL IN NATURE AND ACTUAL FIELD CONDITIONS MAY VARY SLIGHTLY FROM CONCEPTUAL DEPICTIONS. DETAILS LABELED "TYPICAL DETAILS" ON DRAWINGS APPLY TO SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT DETAILS ARE REFERENCED AT EACH LOCATION.
12. SUBSTITUTIONS ARE SUBJECT TO THE APPROVAL OF THE OWNER. IF A SUBSTITUTION IS PROPOSED, SUBMIT COMPLETE SPECIFICATION AND PERFORMANCE DETAILS FOR EVALUATION. IF SUBSTITUTIONS ARE APPROVED, NOTIFY ALL OTHER CONTRACTORS AND SUBCONTRACTORS AFFECTED BY THE CHANGE AND FULLY COORDINATE ALL RELATED WORK. ANY COSTS RESULTING FROM THE SUBSTITUTION AND CHANGE IS THE RESPONSIBILITY OF THE CONTRACTOR.
13. COORDINATE AND PERFORM WORK BASED ONLY ON REVIEWED/ CERTIFIED SHOP DRAWINGS, A FIELD CHECK OF EXISTING CONDITIONS, AND INSPECTION OF NEWLY INSTALLED WORK. VERIFY THE LATEST REVISION OF CONTRACT DOCUMENTS, INCLUDING ALL INTERFACING DISCIPLINE DRAWINGS, BEFORE PROCEEDING WITH THE PROCUREMENT, DETAILING, FABRICATION OR INSTALLATION OF THE WORK. ANY SYSTEMS OR EQUIPMENT INSTALLED PRIOR TO REVIEW OF SHOP DRAWINGS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
14. ALL EQUIPMENT SHALL BE INSTALLED IN FULL ACCORDANCE WITH MANUFACTURER'S DATA AND INSTALLATION INSTRUCTIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK AND CONFORM TO MANUFACTURER SPECIFICATIONS AND REQUIREMENTS PRIOR TO STARTING THE WORK. VERIFY SIZE, LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT TO BE FURNISHED WITH MANUFACTURER OR SUPPLIERS BEFORE COMMENCEMENT OF CONSTRUCTION. VERIFY SIZE AND LOCATIONS OF ALL OPENINGS AND SUPPORTS WITH ACTUAL EQUIPMENT PURCHASED. REFER TO MANUFACTURERS STANDARD DETAILS FOR INSTALLATION.
15. ALL EQUIPMENT AND SYSTEMS SHALL BE COMPLETE AND OPERATIONAL IN ALL RESPECTS, SECURED IN LOCATION AND PROPERLY ADJUSTED. PROVIDE OPERATIONS AND MAINTENANCE MANUALS FOR THE OWNER AT THE COMPLETION OF THE WORK.
16. FULLY WARRANT ALL MATERIALS, EQUIPMENT AND WORKMANSHIP FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE, UNLESS OTHERWISE SPECIFIED. REPAIR OR REPLACE WITHOUT CHARGE TO THE OWNER ALL ITEMS FOUND DEFECTIVE DURING THE WARRANTY PERIOD.
17. BEFORE PENETRATING EXISTING CONCRETE OR SOIL SURFACES, CONSULT WITH ALL LOCAL UTILITIES' PROGRAMS FOR THE AREA OF WORK AND VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND STRUCTURES BY USE OF "ELECTRONIC" OR SIMILAR NON-INVASIVE DETECTOR DEVICES. IF POTENTIAL INTERFERENCES ARE DISCOVERED, PROPOSE ALTERNATE ROUTING AND ASSOCIATED COSTS TO THE OWNER'S REPRESENTATIVE OR ARCHITECT/ENGINEER FOR APPROVAL BEFORE PROCEEDING.
18. MAINTAIN MINIMUM CLEARANCE REQUIREMENTS OF EQUIPMENT MANUFACTURER'S SPECIFICATIONS OR RECOMMENDATIONS, OWNER STANDARDS, NATIONAL ELECTRICAL CODE (NEC), AND ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES, AND REGULATIONS.
19. MAINTAIN A MINIMUM OF 6'-8" HEADROOM CLEARANCE FOR BULKHEADS, SUPPORTS AND UTILITIES PASSING OVER WALKWAYS, PLATFORMS OR CATWALKS.

ARCHITECTURAL NOTES

1. ALL FINISH FLOOR ELEVATIONS ARE FOR ARCHITECTURAL PURPOSES ONLY. REFER TO CIVIL AND STRUCTURAL DRAWINGS FOR ACTUAL ELEVATIONS AND RELATIONSHIP TO SITE BENCHMARKS.
2. COORDINATE WITH MECHANICAL CONTRACTOR THE LOCATIONS OF ALL FLOOR DRAINS.
3. TRANSITION OF DIFFERENT FLOORING MATERIALS AT DOORWAYS SHALL OCCUR AT CENTERLINE OF DOORS AND SHALL BE ½" HIGH MAXIMUM.
4. ALL PLAN DIMENSIONS ARE TO FINISHED FACE OF FINISHED WALLS, FACE OF MASONRY, AND CENTERLINE OF COLUMNS, UNLESS NOTED OTHERWISE.
5. PARTITIONS ARE TO EXTEND AND SEAL AGAINST THE BOTTOM OF THE DECK ABOVE UNLESS OTHERWISE NOTED.
6. INSTALL METAL TRIM ON ALL GYPSUM BOARD EDGES ABUTTING OTHER MATERIALS OR STOPS SHORT OF OTHER MATERIALS TO FORM A REVEAL OR RECESS. USE METAL CORNER BEADS ON ALL GYPSUM BOARD EXTERIOR CORNERS.
7. ADD SUFFICIENT BLOCKING IN STUD WALLS TO SUPPORT ALL ITEMS OR EQUIPMENT SHOWN OR SPECIFIED TO BE ATTACHED TO WALLS. PROVIDE ADDITIONAL STRUCTURAL SUPPORT (PLATES, ANGLES, CHANNELS, ETC.) WITHIN WALLS WHERE WEIGHT OF ATTACHED ITEMS EXCEED WALL CAPACITY. PROVIDE BACKING PLATES OR BLOCKING FOR ANY OWNER FURNISHED OR INSTALLED ITEMS.
8. PAINT ALL WALL SURFACES, DOOR FRAMES, BULKHEADS AND CEILINGS IN ROOMS WHERE INDICATED ON PLANS OR ROOM FINISH SCHEDULE. PAINT BEHIND ALL MOVEABLE ITEMS ADJACENT TO WALLS RECEIVING PAINT AND RELOCATE ITEMS AS NECESSARY.
9. ALL EXTERIOR SURFACES TO HAVE A TEMPORARY OR PERMANENT WEATHER RESISTIVE BARRIER DURING CONSTRUCTION OPERATIONS TO PROTECT THE BUILDING INTERIOR AND WALL SURFACES. EXTERIOR OPENINGS SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WATERPROOF.
10. THE AREA OF WORK SHALL BE MAINTAINED WEATHERTIGHT AND IN A SECURED CONDITION AT ALL TIMES. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO SECURE THE AREA OF WORK.
11. REFER TO FLOOR AND REFLECTED CEILING PLANS AND MECHANICAL AND ELECTRICAL DRAWINGS FOR SPACE ALLOCATIONS IN ROUTING OF ALL MECHANICAL AND ELECTRICAL WORK INCLUDING DIFFUSERS, REGISTERS, GRILLES, LIGHTS, ETC. THE REFLECTED CEILING PLAN LOCATIONS SHALL BE ADHERED TO UNLESS OTHERWISE NOTED ON DRAWINGS. EXCEPTIONS SHALL REQUIRE SPECIFIC WRITTEN APPROVAL BY THE OWNER'S REPRESENTATIVE OR ARCHITECT/ ENGINEER. NOTE THAT ELECTRIC LIGHT FIXTURE LOCATIONS AND FIRE SPRINKLER HEADS SHALL TAKE PRECEDENCE OVER OTHER UTILITY ITEMS IN ANY AND ALL LOCATIONS FOR AREAS WITH OR WITHOUT CEILINGS; THE CONTRACTOR SHALL COORDINATE AS REQUIRED, AND IF THERE IS NO APPARENT SOLUTION TO COORDINATION ISSUE, CONTACT THE OWNER'S REPRESENTATIVE OR ARCHITECT-ENGINEER FOR A RESOLUTION.
12. REFER TO STRUCTURAL DRAWINGS FOR SUPPORT STRUCTURE INFORMATION, DETAILS AND DIMENSIONS NOT INDICATED ON THE ARCHITECTURAL DRAWINGS. REPORT ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS TO THE ARCHITECT/ ENGINEER OR OWNER'S REPRESENTATIVE, PRIOR TO CONSTRUCTION.
13. COORDINATE MECHANICAL AND ELECTRICAL EQUIPMENT CONCRETE PADS AND ROOF CURB LOCATIONS, SIZES, SUPPORTS AND CONSTRUCTION REQUIREMENTS, ONLY WITH REVIEWED AND CERTIFIED SHOP DRAWINGS OF THE RELATED TRADES.
14. REFER TO AND COORDINATE WITH STRUCTURAL DRAWINGS FOR ALL FLOOR AND EXTERIOR WALL PENETRATIONS. INSULATE AND WATERTIGHT SEAL ALL EXTERIOR WALL PENETRATIONS.
15. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS AND THE SPECIFICATIONS FOR WALL, FLOOR AND BUILDING SURFACES PENETRATION AND SEALING REQUIREMENTS. FIRE STOP ALL PENETRATIONS OF FIRE RATED WALL OR FIRE RATED FLOOR OPENINGS PER TESTED UL ASSEMBLIES AND AS REQUIRED BY CODE.
16. PROVIDE WALL AND CEILING ACCESS DOORS OR AS MAY BE REQUIRED BY CODE OR TO PROPERLY SERVICE OR ADJUST ALL VALVES, DAMPERS, CLEAN-OUTS, ELECTRICAL JUNCTION BOXES AND OTHER DEVICES.

DEMOLITION NOTES

1. PLAN AND SCHEDULE CONSTRUCTION AND DEMOLITION ACTIVITIES TO AVOID INTERFERENCE AND TO MINIMIZE DISRUPTION OF THE OWNER'S OPERATIONS.
2. SCHEDULE AND COORDINATE ALL DEMOLITION WORK AND UTILITY SHUT DOWNS AND TIE-INS WITH THE OWNERS REPRESENTATIVE. PROCEED WITH WORK ONLY AFTER RECEIPT OF WRITTEN AUTHORIZATION.
3. DEMOLISHED MATERIALS, UNLESS OTHERWISE DIRECTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE PROMPTLY REMOVED FROM THE SITE BEFORE THE END OF EACH WORKDAY. OWNER RETAINED SALVAGED EQUIPMENT SHALL BE PROPERLY PROTECTED FOR REUSE OR CRATED FOR PROTECTION AND DELIVERED TO THE OWNER'S SITE STORAGE. ALL HAZARDOUS MATERIALS SHALL BE PROPERLY DISPOSED OF OFF SITE AND PER ALL APPLICABLE FEDERAL, STATE AND LOCAL CODES.
4. PERFORM CONSTRUCTION AND SELECTIVE DEMOLITION IN A MANNER TO PREVENT DAMAGE TO ANY EXISTING AND NEW STRUCTURES, UTILITIES AND OTHER PROPERTY.
5. ALL CUTTING AND CHASING OF BUILDING CONSTRUCTION SHALL BE IN A NEAT AND WORKMANLIKE MANNER. NEATLY SAWCUT ALL RECTANGULAR OPENINGS, SET SLEEVES THROUGH OPENINGS, AND FINISH PATCH OR PROVIDE TRIM AROUND OPENINGS. CORE DRILL AND SLEEVE ALL ROUND OPENINGS.
6. REPAIR SURFACES THAT HAVE BEEN DAMAGED BY THE WORK. REPAIR DAMAGE TO MATCH EXISTING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO WEATHER AND FIRE SEALING, INSULATING, PATCHING AND PAINTING TO MATCH.

MISCELLANEOUS SUPPORT RELATED NOTES

1. PROVIDE SUPPLEMENTARY OR MISCELLANEOUS STEEL FOR SUPPORT, SWAY BRACING, CROSS-BRACING, AND ANCHORAGE OF BUILDING SYSTEMS OR UTILITIES, IN ORDER TO MEET SITE SEISMIC AND SYSTEM SPECIFIC INSTALLATION AND OPERATING CONDITIONS.
2. COORDINATE SUPPLEMENTARY OR MISCELLANEOUS STEEL WITH THE PRIMARY STRUCTURAL STEEL WORK. SUPPORT, BRACE, CROSS-BRACE, GUIDE AND ANCHOR AS REQUIRED SO AS TO IMPOSE NO OVER STRESSING OF THE BUILDING STRUCTURE BEYOND STATED LOADS INDICATED ON THE STRUCTURAL DRAWINGS.
3. DO NOT WELD TO, CUT OR DRILL BUILDING STEEL.
4. DO NOT WELD SUPPLEMENTARY OR MISCELLANEOUS STEEL TO BUILDING STEEL WITHOUT PRIOR WRITTEN APPROVAL OF PROPOSED DETAIL BY THE STRUCTURAL ENGINEER. WELDING TO SUPPLEMENTARY STEEL IS PERMITTED.
5. DO NOT HANG SUPPORTS FROM TOP CHORD OF TRUSS. USE ONLY APPROVED BEAM CLAMPS, C-CLAMPS ARE PROHIBITED.

Date (mmm dd yyyy)	Issued For	Rev.
10-24-2007	TITLE 1 100% COMPLETE	B
12-07-2007	TITLE II DESIGN 30% REVIEW SUBMITTAL	C
03-28-2008	TITLE II DESIGN 60% REVIEW SUBMITTAL	D
07-31-2008	TITLE II DESIGN 90% REVIEW SUBMITTAL	E
08-25-2008	TITLE II DESIGN 100% OWNER REVIEW	F
02-19-2009	TITLE II CONSTRUCTION BID ISSUE	0

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JOB NO.	SHEET	NO	REVISION	DATE	DWN.	APP'D.	QA

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UNDER CONTRACT WITH
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Project No.: SF070003

JOB TITLE: CENTRAL CHILLED WATER FACILITY PHASE II		DWG. TITLE: ABBREVIATIONS, CODE INFO, GENERAL NOTES	
ILR,GPP,LNI, HEM	DATE: 12-07-07	ACCT. NO.: SF070003	SHEET OF
SCALE: AS NOTED	DWN. BY: DCS / REV'D BY: D O'B	JOB NO.: 11705	DWG. NO.: A-001
ESHQ RISK LEVEL	APP'D. BY	BLDG. NO.: 600	
PATH:			