OWNER
SHASHI PATEL
1867 SOUTH ROANE STREET
HARRIMAN, TN 37748
Telephone: 865-882-6600
Fax: 865-590-0507

CIVIL ENGINEERING
FREEMAN ENGINEERING AND SURVEYING
199 CABOT LANE
ROCKWOOD, TN 37854
Telephone: 865-354-2960

STRUCTURAL ENGINEERING
CHAD STEWART & ASSOCIATES, INC.
844 MOCKINGBIRD DRIVE
BRIGHTON, TN 38011
Telephone: 901-475-2071
Fax: 901-475-3908

MECHANICAL ENGINEERING
ENGINEERING SERVICES GROUP
900 EAST HILL AVE. SUITE 350
KNOXVILLE, TN 37915
Telephone: 865-522-0393
Fax: 865-522-0166

ELECTRICAL ENGINEERING
VREELAND ENGINEERS
P.O. BOX 10648
KNOXVILLE, TN 37939-0648
Telephone: 865-637-4451
Fax: 865-637-1558

cope associates inc
architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com



Holiday Inn EXPRESS HOTEL & SUITES

SOUTH ROANE STREET
HARRIMAN, TN 37748
No. 05036

LARRY T. HEADY — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — No. 107979 — STATE OF TENNESSEE

CHARLES M. FREEMAN — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — No. 107979 — STATE OF TENNESSEE

LANIS LEE COPE — REGISTERED ARCHITECT — COMMERCE — No. 12,436 — STATE OF TENNESSEE

CHAD E. STEWART — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — No. 103[illegible] — STATE OF TENNESSEE

JEFFREY R. WHILLOCK — REGISTERED ENGINEER — AGRICULTURE — COMMERCE — No. 104861 — State of Tennessee

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LS2.2 UL ASSEMBLIES

AL1.0 LANDSCAPE PLAN

CIVIL
C1.0 TOPO, SITE, DRAINAGE PLAN
C2.0 SITE DETAILS

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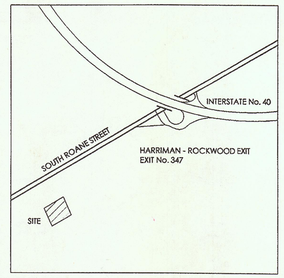
SITE LOCATION



LOCATION PLAN

PROJECT DATA

SEE SHEET LS2.1 FOR CODE INFORMATION

PROJECT MILESTONES

No.	Date
1	07/13/05 - 100% CD PACKAGE

MATERIAL LEGEND

- EARTH
- CRUSHED STONE
- CONCRETE/ PRECAST CONCRETE
- CONCRETE MASONRY
- ASPHALT
- BRICK
- FIRE BRICK
- GROUT OR SAND
- NATURAL STONE, MARBLE
- RUBBLE FILL
- STEEL - LG. SCALE
- STEEL - SM. SCALE
- TERRAZZO
- WOOD - ROUGH
- WOOD - FINISH
- PLYWOOD
- RIGID INSULATION
- BATT OR BLANKET INSULATION
- EIFS
- GLASS
- CERAMIC TILE
- GYPSUM BOARD
- CARPET
- PLASTER ON LATH

SYMBOLS

DETAIL CALLOUT — Drawing Number / Sheet Number
ELEVATION KEY — Direction of View
SECTION KEY — Extent/ Direction of Section
INTERIOR ELEVATION KEY — Direction of View; Sheet Number; Elevation Number
Identifier — Door Number
Identifier — Partition Type
Identifier — Window Type
Room Name — Identifier — Room Number
ELEVATION MARKER — xx'-xx" AFF
SPOT ELEVATION — xx'-xx" AFF
NORTH INDICATOR
COLUMN REFERENCE — Primary Column; Secondary Column

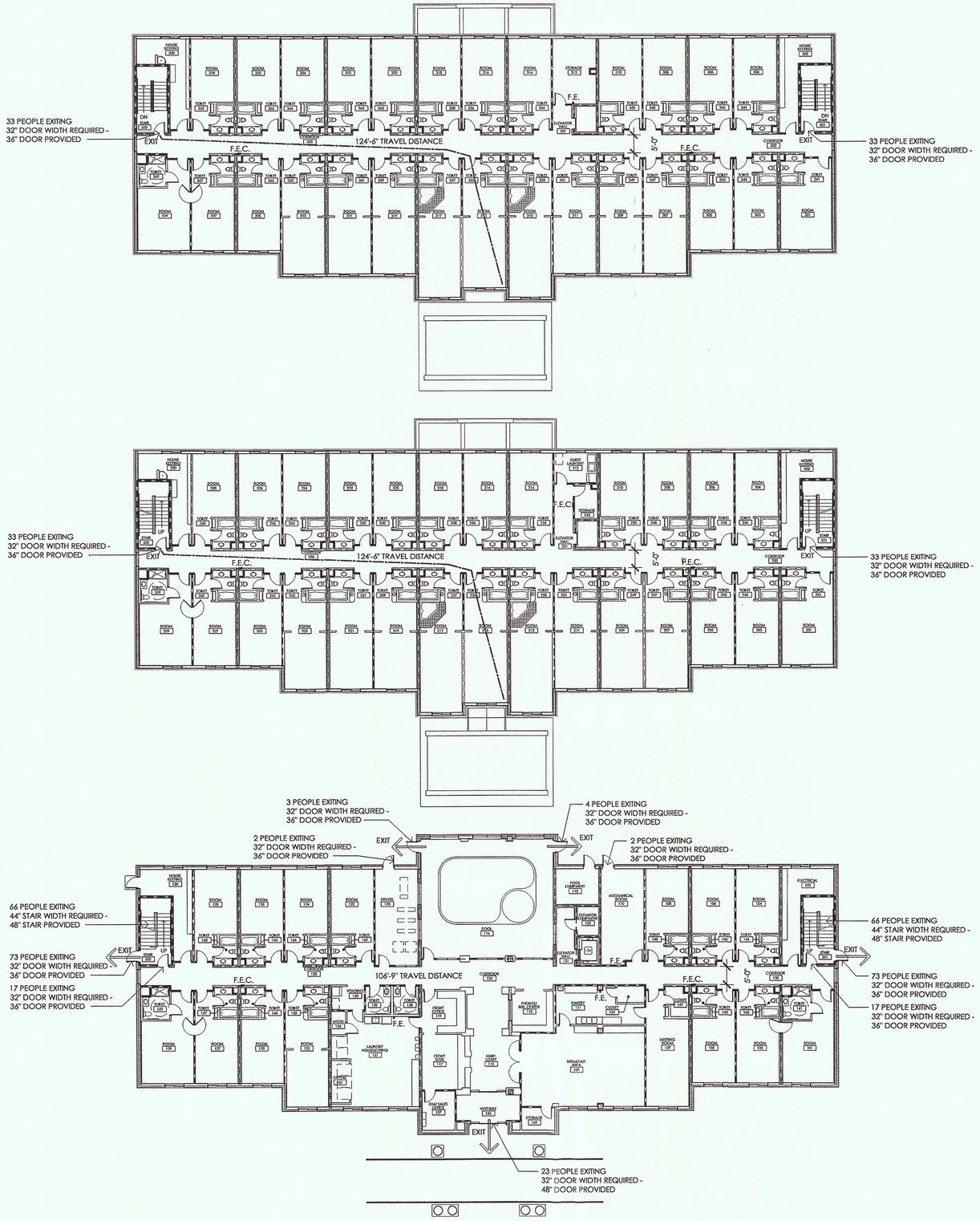
ABBREVIATIONS

A/C	AIR CONDITIONING	DA	DOUBLE ACTING	GA	GAUGE/ GAGE	MACH	MACHINE, MACHINERY	R	RISER, RADIUS	T	TREAD
ABV	ABOVE	DF	DRINKING FOUNTAIN	GALV	GALVANIZED	MAS	MASONRY	RA	RETURN AIR	T&G	TONGUE AND GROOVE
ACOUST	ACOUSTICAL	DIA	DIAMETER	GL	GLASS	MATL	MATERIAL	RAD	RADIUS	TEMP	TEMPERED, TEMPORARY
ACT	ACOUSTICAL CEILING TILE	DIM	DIMENSION	GYP	GYPSUM	MAX	MAXIMUM	RAG	RETURN AIR GRILL	THK	THICK(NESS)
AD	AREA DRAIN	DL	DEAD LOAD			MB	MACHINE BOLT	RAR	RETURN AIR REGISTER	THOLD, TH	THRESHOLD
ADJ	ADJUSTABLE, ADJACENT	DN	DOWN	HB	HOSE BIB	MC	MEDICINE CABINET	RB	RUBBER BASE	THR, THD	THREADS
AFF	ABOVE FINISH FLOOR	DR	DOOR	HC	HOLLOW CORE	MECH	MECHANIC(AL)	RCP	REINFORCED CONCRETE PIPE	TLT	TOILET
ALT	ALTERNATE	DTL	DETAIL	HDR	HEADER	MFR	MANUFACTURER ®	RD	ROOF DRAIN	TOC	TOP OF CURB
ALUM	ALUMINUM	DW	DISH WASHER	HDW	HARDWARE	MH	MANHOLE	REF	REFRIGERATOR	TOW	TOP OF WALL
ARCH	ARCHITECT(URAL)	DWG	DRAWING	HM	HOLLOW METAL	MIN	MINIMUM	REFL	REFLECTED	TRTD	TREATED
				HORIZ	HORIZONTAL	MISC	MISCELLANEOUS	REINF	REINFORCED	TYP	TYPICAL
BD	BOARD	EF	EACH FACE	HP	HIGH POINT	MO	MASONRY OPENING	RET	RETAINING		
BET	BETWEEN	EIFS	EXTERIOR INSULATION & FINISH SYSTEM	HR	HOUR	MT	METAL THRESHOLD	RH	ROUND HEAD	UNO	UNLESS NOTED OTHERWISE
BLDG	BUILDING			HGT	HEIGHT	MTL	METAL	RM	ROOM		
BLKG	BLOCKING	EJ	EXPANSION JOINT			MULL	MULLION	RO	ROUGH OPENING	UR	URINAL
BM	BENCHMARK, BEAM	ELEC	ELECTRIC(AL)	ID	INSIDE DIAMETER			ROW, R/W	RIGHT OF WAY		
BOC	BOTTOM OF CURB	ELEV	ELEVATION, ELEVATOR	INSUL	INSULATE(D)(ING)(ION)	NEO	NEOPRENE	RS	ROUGH SAWN	VB	VAPOR BARRIER, VYNIL BASE
BOW	BOTTOM OF WALL	EOC	END OF CURB	INT	INTERIOR	NIC	NOT IN CONTRACT	RVL	REVEAL		
BRG	BEARING	EQ	EQUAL	INV	INVERT	NO	NUMBER	RWL	RAINWATER LEAD	VCT	VINYL COMPOSITION TILE
BTM	BOTTOM	EQUIP	EQUIPMENT	IFS	IRON PIPE SIZE	NTS	NOT TO SCALE			VERT	VERTICAL
BUR	BUILT UP ROOF	EW	EACH WAY					S&R, R&S	SHELF AND ROD		
		EWC	ELECTRIC WATER COOLER	JST	JOIST	OC	ON CENTER	SA	SOUND ATTENUATION	W	WIDE, WIDTH
CAB	CABINET	EXH	EXHAUST	JT	JOINT	OD	OUTSIDE DIAMETER	SAFB	SOUND ATTENUATION FIRE BLANKET	W/	WITH
CB	CATCH BASIN	EXIST	EXISTING			OH	OPPOSITE HAND, OVERHEAD	SAG	SUPPLY AIR GRILL	W/O	WITHOUT
CEM	CEMENT	EXP	EXPANSION, EXPOSED	KIT	KITCHEN	O-O	OUT TO OUT	SAR	SUPPLY AIR REGISTER	WC	WATER CLOSET
CHNL	CHANNEL	EXT	EXTERIOR			OPNG	OPENING	SCH	SCHEDULE	WD	WOOD
CJ	CONTROL JOINT			L	LENGTH, LONG	OPP	OPPOSITE	SCWD	SOLID CORE WOOD DOOR	WDW	WINDOW
CLG	CEILING	FD	FLOOR DRAIN	LAM	LAMINATE(D)			SDG	SIDING	WH	WATER HEATER
CLR	CLEAR(ANCE)	FE	FIRE EXTINGUISHER	LL	LIVE LOAD	PL	PROPERTY LINE	SEC	SECURE	WR	WATER RESISTANT
CMP	CORRUGATED METAL PIPE	FEC	FIRE EXTINGUISHER CABINET	LLH	LONG LEG HORIZONTAL	PLAM	PLASTIC LAMINATE	SECT	SECTION	WWM	WELDED WIRE MESH
CMU	CONCRETE MASONRY UNIT	FF	FINISH FLOOR	LLV	LONG LEG VERTICAL	PLAS	PLASTC, PLASTER	SHT	SHEET		
COL	COLUMN	FH	FLAT HEAD	LP	LOW POINT	PLY	PLYWOOD	SIM	SIMILAR	∠	ANGLE
CONC	CONCRETE	FHC	FIRE HOSE CABINET	LVR	LOUVER	POB	POINT-OF-BEGINNING	SLNT	SEALANT		
CONST	CONSTRUCTION	FIN	FINISH(ED)			PR	PRESSURE	SPEC	SPECIFICATION(S)	@	AT
CONT	CONTINUOUS/ CONTINUE	FLHMS	FLAT HEAD MACHINE SCREW			PREFAB	PREFABRICATED	SS	SOLID SURFACE, SERVICE SINK		
COORD	COORDINATE	FLR	FLOOR			PT	POINT	SST	STAINLESS STEEL	℄	CENTERLINE
CORR	CORRUGATED, CORRIDOR	FRMG	FRAMING			P.T.	PRESSURE TREATED	STB	STANDARD		
CRS	COURSE(S)	FSTN	FASTEN(ED)			PTD	PAINTED	STD	STEEL TUBE	ϕ	DIAMETER
CT	CERAMIC TILE	FTG	FOOTING			PVC	POLYVINYL CHLORIDE	STL	STEEL		
CTSK, CS	COUNTERSUNK	FUR	FURRING					STOR	STORAGE	d	PENNY
		FRT	FIRE RETARDANT TREATED					STRUCT	STRUCTURAL		
								SUSP	SUSPEND(ED)	PL	PLATE
								SWD	SOLID WOOD		

COPE ASSOCIATES INCORPORATED
Submitted by: _____
Date: _____
Approved by: _____

SET NO.
SHEET NO.___ OF ___

05036 - HOLIDAY INN EXPRESS



PROJECT DATA

NEW HOTEL

CONSTRUCTION TYPE	TYPE IV UNPROTECTED
OCCUPANCY CLASSIFICATION	GROUP R-1 RESIDENTIAL HOTEL
NUMBER OF STORIES	3 - STORY
HEIGHT OF BUILDING FROM AVERAGE GRADE	±48'-6"
BUILDING AREA	
FIRST FLOOR	13,627 S.F.
SECOND FLOOR	13,286 S.F.
THIRD FLOOR	13,286 S.F.
TOTAL AREA	40,199 S.F.

DESIGN CODES

STANDARD BUILDING CODE - 1999 EDITIONS
NFPA LIFE SAFETY CODE - 2003 EDITION
NORTH CAROLINA ACCESSIBILITY CODE - 1991 EDITION WITH 1997 REVISIONS
STANDARD MECHANICAL CODE - 1997 EDITION

DENOTES 1 HOUR WALL RATING

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

copa associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 594-9000
FAX Number (865) 594-1600
E-MAIL Address copa@copa-associates.com

FIRST FLOOR LIFE SAFETY CODE INFORMATION

Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

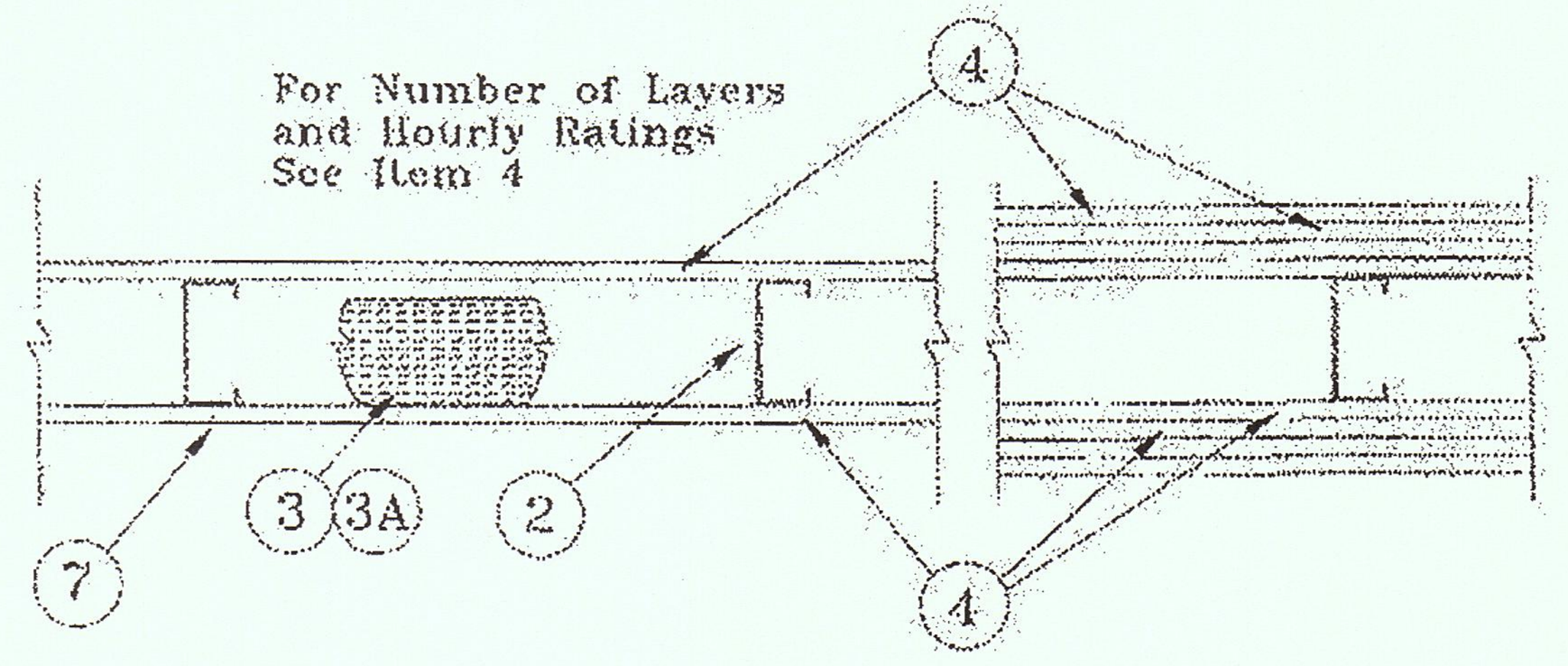
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
No. 13,436
STATE OF TENNESSEE
7/22/05.

Dwg No.
LS2.1
Project No. 05036

Design No. U419
October 09, 2003

Nonbearing Wall Ratings — 1, 2, 3 or 4 Hr (See Items 3 & 4)



1. **Floor and Ceiling Runners** — (Not shown) — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width to accommodate stud size, with min 1 in. long legs, attached to floor and ceiling with fasteners 24 in. OC max.
2. **Steel Studs** — Channel shaped, fabricated from min 25 MSG corrosion-protected steel, min width as indicated under Item 4, min 1-1/4 in. flanges and 1/4 in. return, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.
3. **Batts and Blankets*** — (Required as indicated under Item 4) — Mineral wool batts, friction fitted between studs and runners. Min nom thickness as indicated under Item 4. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.
3A. **Batts and Blankets*** — (Optional) — Placed in stud cavities, any glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See **Batts and Blankets (BKNV or BZJZ) Categories** for names of Classified companies.
4. **Gypsum Board*** — Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered. Horizontal edge joints and horizontal butt joints in adjacent layers (multilayer systems) staggered a min of 12 in. The thickness and number of layers for the 1 hr, 2 hr, 3 hr and 4 hr ratings are as follows:

Wallboard Protection on Each Side of Wall

Rating	Min Stud Depth	No. of Layers & Thkns of Panel	Min Thkns of Insulation (Item 3)
1	3-1/2	1 layer, 5/8 in. thick	Optional
1	2-1/2	1 layer, 1/2 in. thick	1-1/2 in.
1	1-5/8	1 layer, 3/4 in. thick	Optional
2	1-5/8	2 layers, 1/2 in. thick	Optional
2	1-5/8	2 layers, 5/8 in. thick	Optional
2	3-1/2	1 layer, 3/4 in. thick	3 in.
3	1-5/8	3 layers, 1/2 in. thick	Optional
3	1-5/8	2 layers, 3/4 in. thick	Optional
3	1-5/8	3 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 5/8 in. thick	Optional
4	1-5/8	4 layers, 1/2 in. thick	Optional
4	2-1/2	2 layers, 3/4 in. thick	2 in.

CANADIAN GYPSUM COMPANY — 1/2 in. thick Type C, IP-X2 or IPC-AR; WRC, 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.

UNITED STATES GYPSUM CO — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type SCX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR ; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.

USG MEXICO S A DE C V — 1/2 in. thick Type C, IP-X2, IPC-AR or WRC; 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC or; 3/4 in. thick Type IP-X3, ULTRACODE, ULTRACODE SHC or ULTRACODE WRC.

4A. **Gypsum Board*** — (As an alternate to Item 4) — 5/8 in. thick, 2 ft. wide, tongue and groove edge, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 5. Joint covering (Item 7) not required.

CANADIAN GYPSUM COMPANY — Type SHX.

UNITED STATES GYPSUM CO — Type SHX.

USG MEXICO S A DE C V — Type SHX.

5. **Fasteners** — (Not shown) — Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 6). **Single layer systems:** 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 8 in. OC when panels are applied horizontally, or 8 in. OC along vertical and bottom edges and 12 in. OC in the field when panels are applied vertically. Two layer systems: First layer- 1 in. long for 1/2 and 5/8 in. thick panels or 1-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels or 2-1/4 in. long for 3/4 in. thick panels, spaced 16 in. OC with screws offset 8 in. from first layer. **Three-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in., 5/8 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below. **Four-layer systems:** First layer- 1 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Second layer- 1-5/8 in. long for 1/2 in., 5/8 in. thick panels, spaced 24 in. OC. Third layer- 2-1/4 in. long for 1/2 in. thick panels or 2-5/8 in. long for 5/8 in. thick panels, spaced 24 in. OC. Fourth layer- 2-5/8 in. long for 1/2 in. thick panels or 3 in. long for 5/8 in. thick panels, spaced 12 in. OC. Screws offset min 6 in. from layer below.
6. **Furring Channels** — (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel, spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws. Not for use with Item 4A.
6A. **Steel Framing Members (Not Shown)*** — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 6, furring channels and Steel Framing Members as described below:
a. **Furring Channels** — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Gypsum board attached to furring channels as described in Item 5. Not for use with Item 4A.
b. **Steel Framing Members*** — Used to attach furring channels (Item 6a) to studs (Item 2). Clips spaced max. 48 in. OC., and secured to studs with No. 8 x 1-1/2 in. minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PAC INTERNATIONAL INC — Type RSIC-1.

7. **Joint Tape and Compound** — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nom 2 in. wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.
8. **Siding, Brick or Stucco** — (Optional, not shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.
9. **Caulking and Sealants*** — (Optional, not shown) — A bead of acoustical sealant applied around the partition perimeter for sound control.

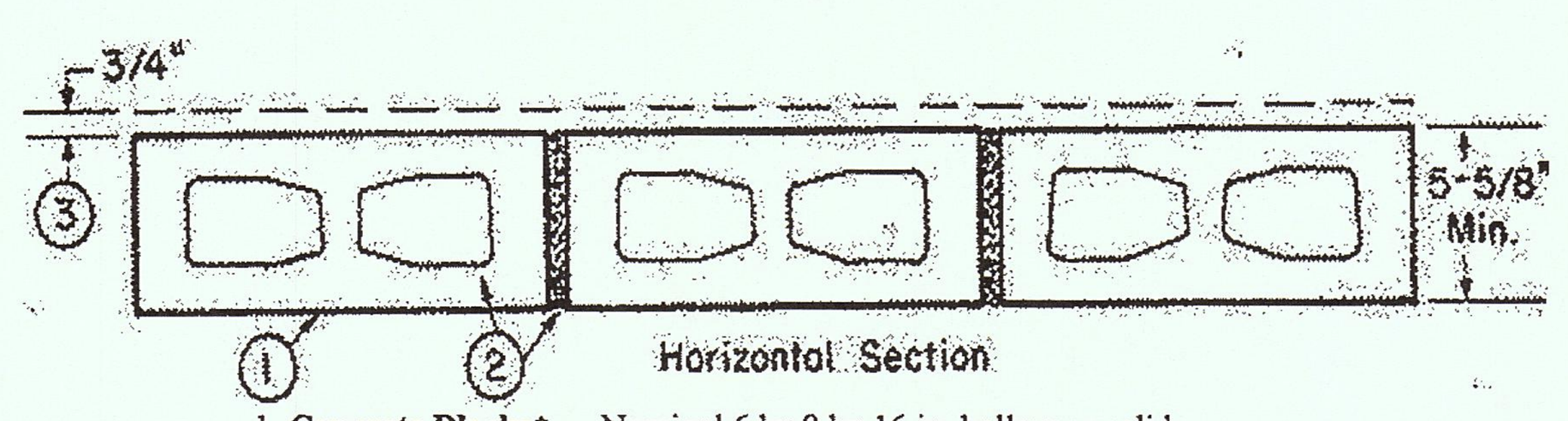
UNITED STATES GYPSUM CO — Type AS

*Bearing the UL Classification Mark

Design No. U906
March 17, 2004

Bearing Wall Rating — 2 HR.

Nonbearing Wall Rating — 2 HR.



1. **Concrete Blocks*** — Nominal 6 by 8 by 16 in, hollow or solid.

Classification D-2 (2 hr).

ANCHOR CONCRETE PRODUCTS INC

GAGNE & SON CONCRETE BLOCK INC

Allowable compressive stress of 57% of max allowable compressive stress in accordance with the empirical design method.

BETCO BLOCK & PRODUCTS INC, DBA

ARTHUR WHITCOMB

WESTBROOK CONCRETE BLOCK CO INC

Allowable compressive stress of 75.6% of max allowable compressive stress in accordance with the empirical design method.

2. **Mortar** — Blocks laid in full bed of mortar, nom. 3/8 in. thick, of not less than 2-1/4 and not more than 3-1/2 parts of clean sharp sand to 1 part Portland cement (proportioned by volume) and not more than 50 percent hydrated lime (by cement volume). Vertical joints staggered.
3. **Portland Cement Stucco or Gypsum Plaster** — Add 1/2 hr to Classification if used. Attached to concrete blocks (Item 1).
4. **Foamed Plastic*** — (Optional-Not Shown) — 1-1/2 in. thick max, 4 ft wide sheathing attached to concrete blocks (Item 1).

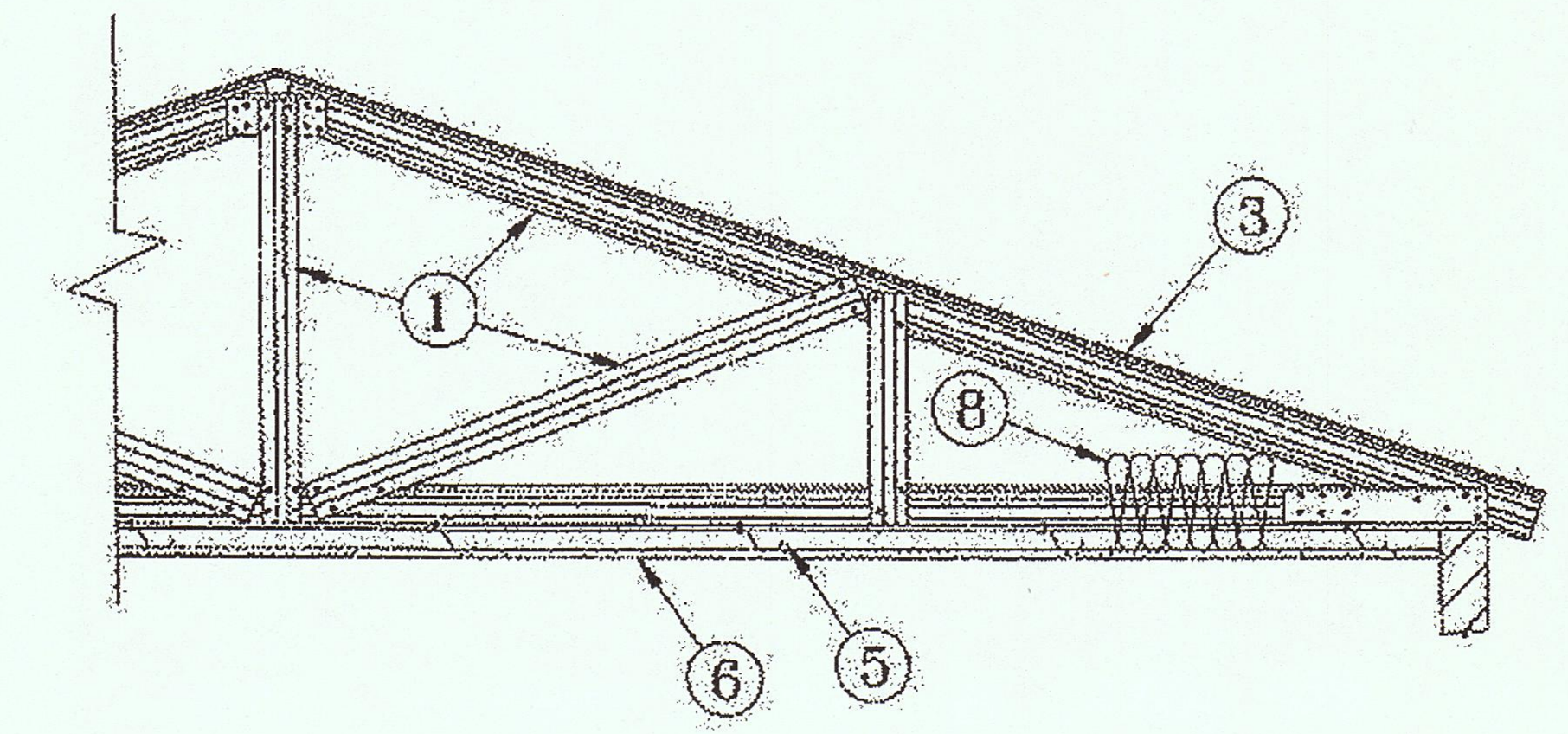
THE DOW CHEMICAL CO — Type Thermax

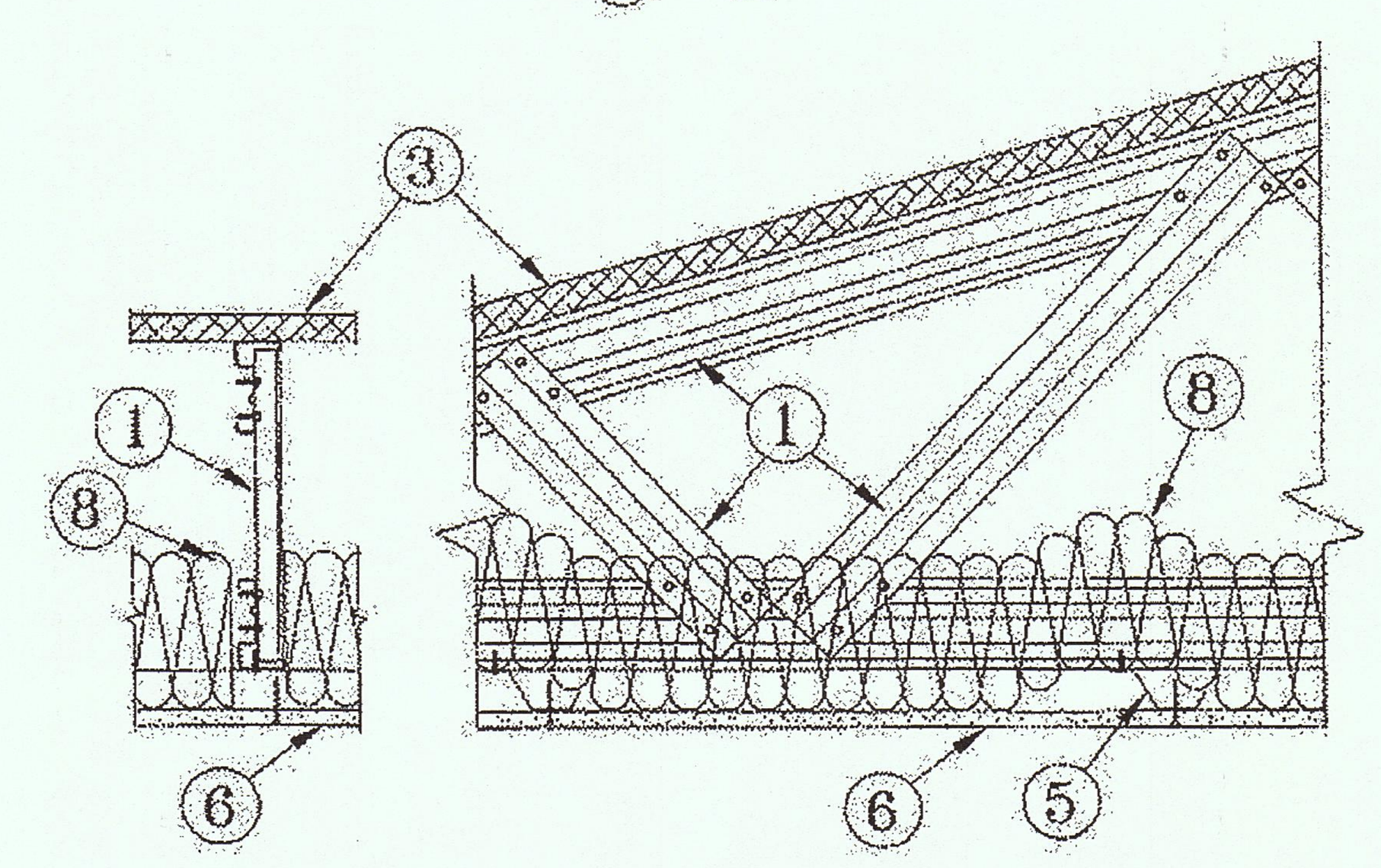
*Bearing the UL Classification Mark

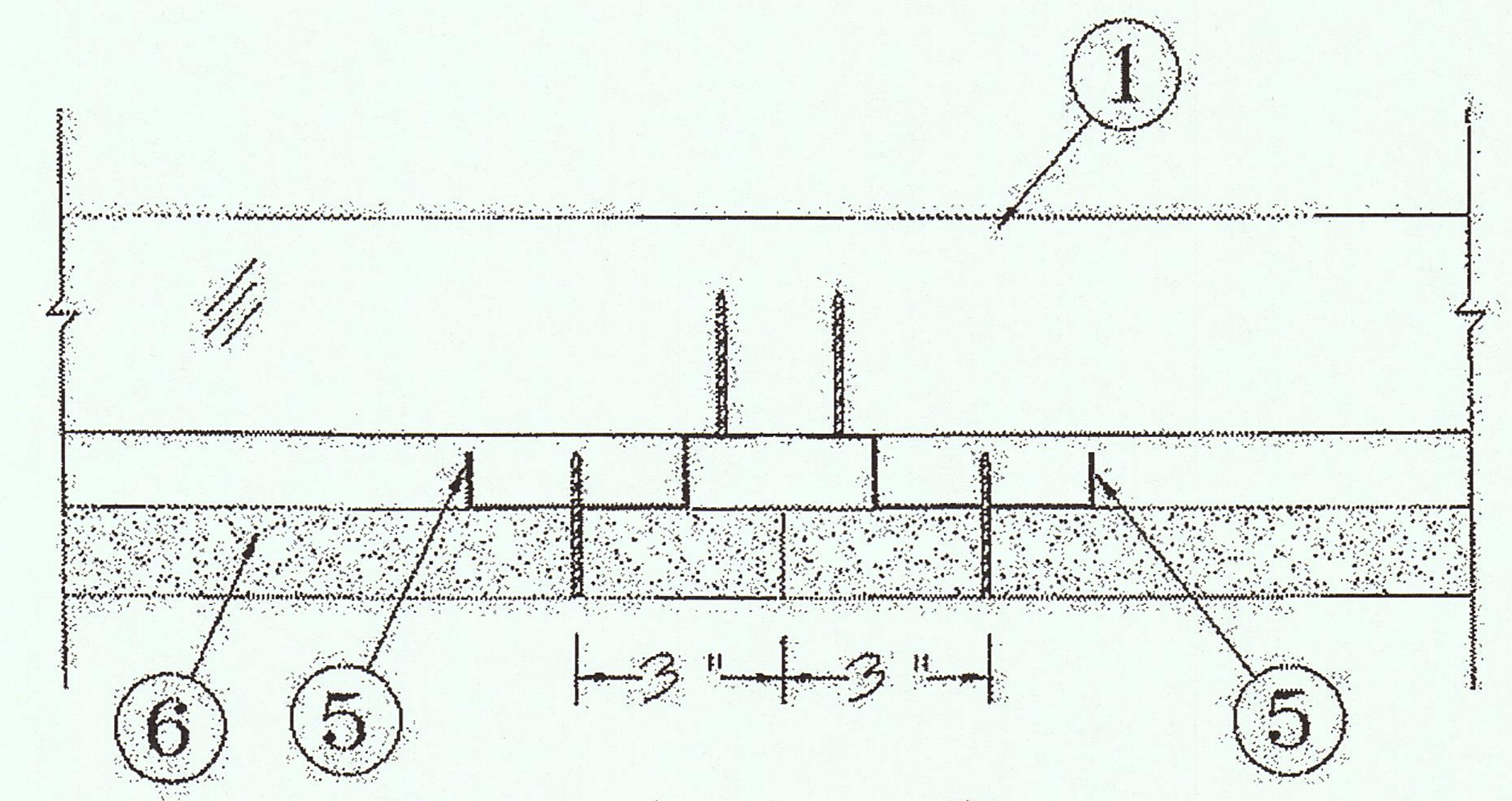
Design No. P523
February 17, 2003

Restrained Assembly Rating — 1 and 1-1/2 Hr (See Items 6, 8)

Unrestrained Assembly Rating — 1 and 1-1/2 Hr (See Items 6, 8 and 8A)







END JOINT DETAIL

1. **Structural Steel Members*** — Pre-fabricated light-gauge steel truss system consisting of cold-formed, galvanized steel chord and web sections. Trusses fabricated in various sizes, depths and from various steel thicknesses. Trusses spaced a max of 48 in. OC.

AEGIS METAL FRAMING L L C — Ultra-Span, Pre-fabricated Light Gauge Steel Truss System

2. **Bridging** — (Not Shown) — Location of lateral bracing for truss chord and web sections to be specified on truss engineering.
3. **Roof system*** — Any UL Class A, B or C Roofing System (TGFU) or Prepared Roof Covering (TFWZ) acceptable for use over nom 23/32 in. thick wood structural panels, min grade "C-D" or "Sheathing" . Nom 23/32 in. thick wood structural panels mechanically fastened to top chord of steel trusses with fasteners spaced a max of 12 in. OC. As an option, the wood structural panels may be installed to min 20 ga. steel purlins or steel hat channels. Steel purlins or hat channels to be spaced a max 24 in. OC and welded or mechanically fastened, transverse to steel roof trusses (Item 1).
3A. **Steel Roof Deck** — Not Shown — In lieu of, or in addition to the wood structural panels described in Item 3, the steel roof deck may consist of corrugated or fluted steel form units, minimum 9/16 in. deep, 22 MSG painted or galv steel, welded or mechanically fastened at a max. 12 in. OC to the top chord of the roof trusses (Item 1). When used in addition to the wood structural panels described in Item 3, Batts and Blankets (Item 8) is optional. When used lieu of the wood structural panels described in Item 3, Batts and Blankets (Item 8) must be used and the Class A, B or C Roofing System must include a min 3/4 in. thickness of roof insulation or 1/2 in. thickness of Classified or unclassified gypsum boards. If polystyrene roof insulation is used, it must be installed on top of a min 1/2 in. thickness of Classified or unclassified gypsum boards .
3B. **Steel Floor and Form Units*** — As an alternate to Item 3A — min 25 MSG painted or galv units welded or mechanically fastened max 12 in. OC to the top chord of trusses (Item 1). When used in addition to the wood structural panels described in Item 3, Batts and Blankets (Item 8) is optional. When used lieu of the wood structural panels described in Item 3, Batts and Blankets (Item 8) must be used and the Class A, B or C Roofing System must include a min 3/4 in. thickness of roof insulation or 1/2 in. thickness of Classified or unclassified gypsum boards. If polystyrene roof insulation is used, it must be installed on top of a min 1/2 in. thickness of Classified or unclassified gypsum boards.

LOADMASTER SYSTEMS INC — Types HD, ED or PS.

4. **Vapor Barrier** — (Not Shown) — Optional — Commercial asphalt saturated felt, 0.030 in. thick, applied over the wood structural panels.
5. **Furring Channels** — Resilient channels formed of 25 MSG galv steel, installed perpendicular to the steel trusses (Item 1), spaced a max of 16 in. OC when no insulation (Item 8 or 8A) is fitted in the concealed space, or a max of 12 in. OC when insulation (Item 8 or 8A) is fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane. Two courses of resilient channel positioned 6 in. OC at wallboard butt-joints (3 in. from each end of wallboard). Channels oriented opposite at wallboard butt-joints. Channel splices overlapped 4 in. beneath steel trusses. Channels secured to each truss with Type S12 by 1/2 in. long screws.
5A. **Furring Channels** — (Not Shown) — As an alternate to Item 5 — Hat channels min 20 MSG galv steel, min 2-5/8 in. wide by min 7/8 in. deep, installed perpendicular to the trusses (Item 1) spaced a max of 16 in. OC. When no insulation (Item 8 or 8A) is fitted in the concealed space, or a max 12 in. OC when insulation (Item 8 or 8A) is fitted in the concealed space, draped over the hat channel/gypsum board ceiling membrane . Two courses of channel positioned 6 in. OC, 3 in. from each end of wallboard. Channel splices overlapped 6 in. beneath steel trusses. Channels secured to each truss with No. 18 SWG steel wire double strand saddle ties. Channels tied together with double strand of No. 18 SWG steel wire at each end overlap.
5B. **Furring Channels** — As an alternate to Items 5 and 5A , resilient channels, double legged formed of 25 MSG galv steel, 2-7/8 in. wide by 1/2 in. deep, installed perpendicular to the trusses (Item 1) spaced max 16 in. OC when no insulation (Item 8 or 8A) is fitted in the concealed space, or a max of 12 in. OC when insulation (Item 8 or 8A) is fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane. Two courses of resilient channel positioned 6 in. OC at wallboard butt-joints (3 in. from each end of wallboard). Channel splices overlapped 4 in. beneath steel trusses. Channels secured to each truss with Type S12 by 1/2 in. long screws or with No. 18 SWG galv steel wire double strand saddle ties. Channels tied together with double strand of No. 18 SWG galv steel wire at each end of overlap.
6. **Gypsum Board*** — For the 1 Hr. Ratings - One layer of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Attached to the resilient channels using 1 in. long Type S bugle-head screws. Screws spaced a max of 12 in. OC along butted end-joints and in the field when no insulation (Item 8 or 8A) is fitted in the concealed space or a max of 8 in. OC along butted end-joints and in the field when insulation (Item 8 or 8A) is fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane. For the 1-1/2 Hr. Ratings - Two layers of nom 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to trusses. Base layer attached to the resilient channels using 1 in. long Type S bugle-head screws spaced a max of 8 in. OC along butted end-joints and in the field. Face layer attached to the resilient channels using 1-5/8 in. long Type S bugle-head screws spaced a max of 8 in. OC along butted end-joints and in the field. Screws staggered from base layer screws. Face layer side and end joints offset a min 16 in. from base layer side and end joints.

CANADIAN GYPSUM COMPANY — Types C, IP-X2, IPC-AR.

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR.

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR.

7. **Finishing System** — (Not shown) — Vinyl, dry or premixed joint compound, applied in two coats to joints and screw-heads; paper tape, 2 in. wide, embedded in first layer of compound over all joints. As an alternate, nom 3/32 in. thick veneer plaster may be applied to the entire surface of gypsum wallboard.
8. **Batts and Blankets*** — Optional for the 1 Hr. Ratings - Any thickness mineral wool or glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke spread value of 50 or less. Insulation fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane. Mandatory for the 1-1/2 Hr. Ratings-Min 9-1/2 in. thick glass fiber insulation bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke spread value of 50 or less. Insulation fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane.
8A. **Loose Fill Material*** — As an alternate to Item 8 — Optional for the 1 Hr. Ratings — Any thickness of loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke spread value of 50 or less. Insulation fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane. Mandatory for the 1-1/2 Hr. Ratings - Min 9-1/2 in. thickness of loose fill material bearing the UL Classification Marking for Surface Burning Characteristics, having a flame spread value of 25 or less and a smoke spread value of 50 or less. Insulation fitted in the concealed space, draped over the resilient channel/gypsum wallboard ceiling membrane.
Alternate Ceiling Membrane — Not Shown.
9. **Steel Framing Members** —
a. **Main Runners** — Installed perpendicular to Structural Steel Members — Nom 10 or 12 ft long, 15/16 in. or 1-1/2 in. wide face, spaced 4 ft OC. Main runners hung a min of 2 in. from bottom chord of Structural Steel Members with 12 SWG galv steel wire. Wires located a max of 48 in. OC.
b. **Cross tees or channels** — Nom 4 ft long, 15/16 in. or 1-1/2 in. wide face, or cross channels, nom 4 ft long, 1-1/2 in. wide face, installed perpendicular to the main runners, spaced 16 in. OC. Additional cross tees or channels used at 8 in. from each side of butted wallboard end joints. The cross tees or channels may be riveted or screw-attached to the wall angle or channel to facilitate the ceiling installation.
c. **Wall angles or channels** — Used to support steel framing member ends and for screw-attachment of the gypsum wallboard — Min 0.016 in. thick painted or galvanized steel angle with 1 in. legs or min. 0.016 in.thick painted or galvanized steel channel with a 1 by 1-1/2 by 1 in. profile, attached to walls at perimeter of ceiling with fasteners 16 in. OC.

CGC INTERIORS, DIV OF CGC INC — Type DGL or RX

USG INTERIORS INC — Type DGL or RX

10. **Gypsum Board*** — For use with Steel Framing Members (Item 9) when Batts and Blankets* (Item 8) are not used - One layer of nominal 5/8 in. thick by 48 in. wide boards, installed with long dimension parallel to the main runners. Wallboard fastened to each cross tee or channel with five wallboard screws, with one screw located at the midspan of the cross tee or channel, one screw located 12 in. from and on each side of the cross tee or channel mid span, and one screw located 1-1/2 in. from each wallboard side joint. Except at wallboard end joints, wallboard screws shall be located on alternating sides of cross tee flange. At wallboard end joints, wallboard screws shall be located 1/2 in. from the joint. Wallboard fastened to main runners with wallboard screws 1/2 in. from side joints, midway between intersections with cross tees or channels (16 in. OC). End joints of adjacent wallboard sheets shall be staggered not less than 32 in. Wallboard sheets screw attached to leg of wall angle with wallboard screws spaced 12 in. OC. Joints treated as described in Item 7. For use with **Steel Framing Members*** (Item 9) when **Batts and Blankets*** (Item 8) are used - Ratings limited to 1 Hour- 5/8 in. thick, 4 ft wide; installed with long dimension perpendicular to cross tees with side joints centered along main runners and end joints centered along cross tees. Fastened to cross tees with 1 in. long steel wallboard screws spaced 8 in. OC in the field and 8 in. OC along end joints. Fastened to main runners with 1 in. long wallboard screws spaced midway between cross tees. Screws along sides and ends of boards spaced 3/8 to 1/2 in. from board edge. End joints of the sheets shall be staggered with spacing between joints on adjacent boards not less than 4 ft OC.

CANADIAN GYPSUM COMPANY — Type C, IP-X2, IPC-AR

UNITED STATES GYPSUM CO — Type C, IP-X2, IPC-AR

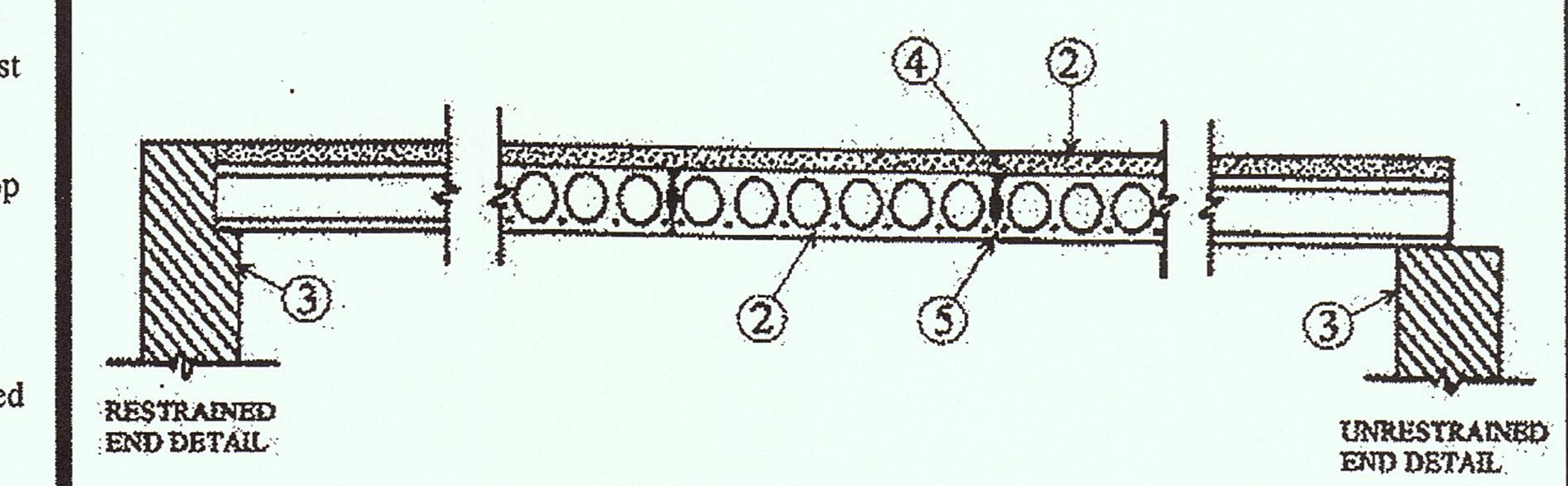
USG MEXICO S A DE C V — Type C, IP-X2, IPC-AR

*Bearing the UL Classification Mark

Design No. J903
April 12, 1997

Restrained Assembly Rating — 3 Hr.

Unrestrained Assembly Rating — 2 Hr.



1. **Concrete Topping** — 3000 psi compressive strength, 150 + or - 3 pcf unit weight.

Rating Hr	Topping Thkns In.
2	1
3	2

2. **Precast Concrete Units*** — Carbonate aggregate, cross-section similar to the above illustration.

See Precast Concrete Units category for names of manufacturers.

3. **Minimum Bearing** — 1-1/2 in.
4. **Grout** — Sand cement grout, 3500 psi. Grout stop used to keep grout from bottom 3-1/8 in. of joint. Weld tie plates instead of or in conjunction with grout.
5. **Clearance** — Between slabs at bottom full length of joint, 1/16 in. min, 1/4 in. max.

*Bearing the UL Classification Mark

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

UL DETAILS

Drawn by:	JTP
Checked by:	MR
Date:	7/22/05

REVISIONS

No.	Date

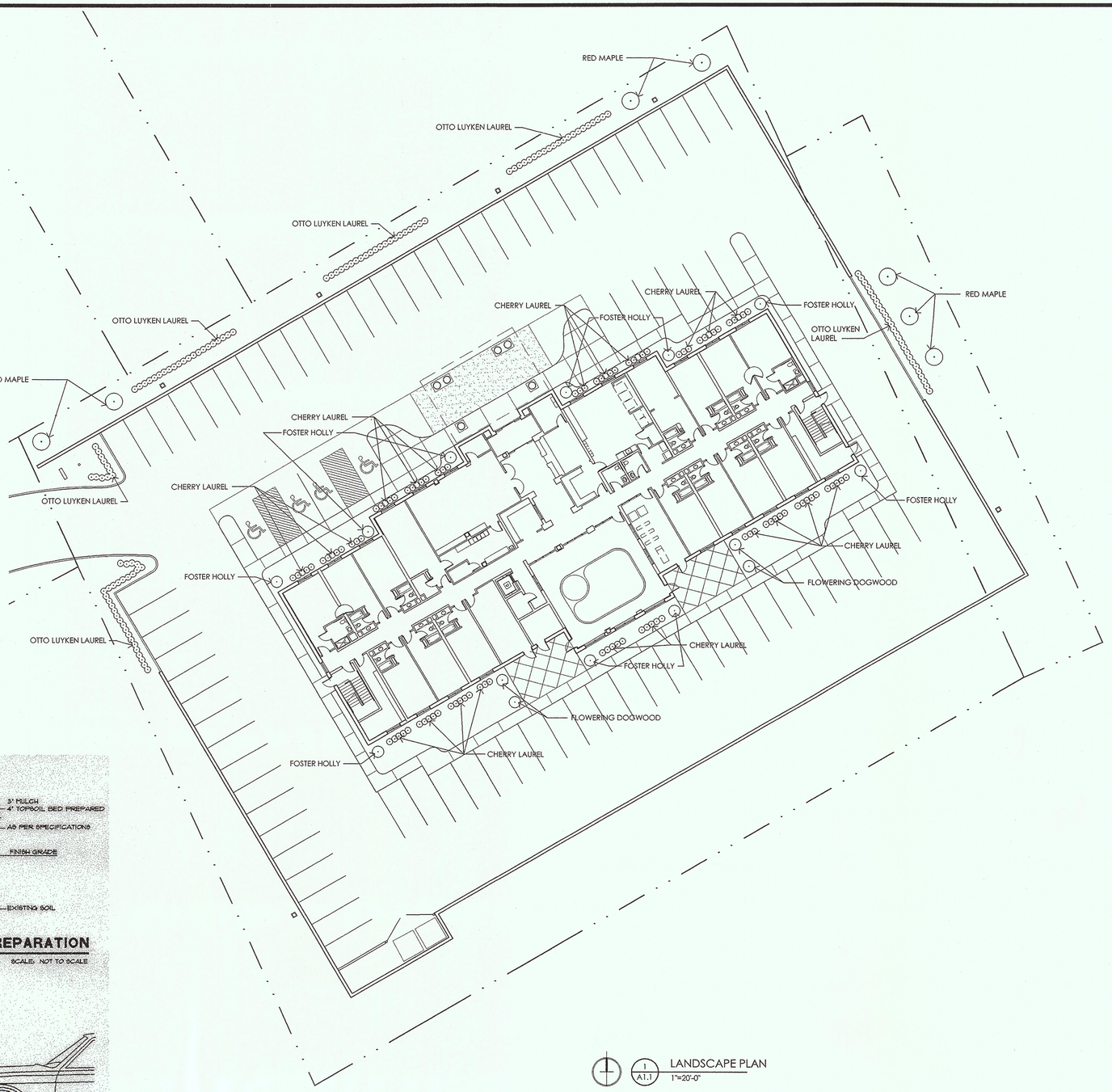
LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,436
STATE OF TENNESSEE

Dwg No.
LS2.2

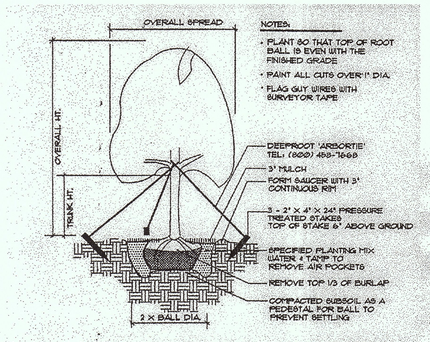
Project No. 05036

PLANTING SCHEDULE

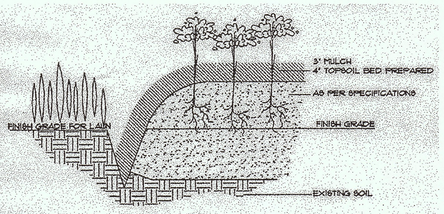
QUANITY	MATERIAL	SIZE
TREES		
4	FLOWERING DOGWOOD (CONRUS FLORIDA)	5'-6' HT. 1" CAL.
7	RED MAPEL (ACER RUBRUM "RED SUNSET")	8'-10' 1 1/2"
10	FOSTER HOLLY (ILEX ATTENUATA 'FOSTERII')	5'-6" HT. FULL
SHRUBS		
129	OTTO LUYKEN LAUREL (PRUNUS LAUROCERASUS "OTTO LUYKEN")	3 GAL. 15" - 18"
98	CHEERY LAUREL (PRUNUS CAROLINIANA)	3' B&B
ADDITIONAL ITEMS		
	HARDWOOD MULCH FOR TREES AND SHRUBS	CU.YD. ALLOWANCE



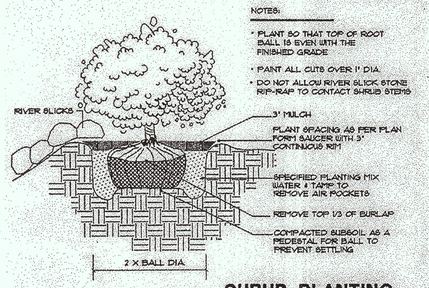
1 A1.1 LANDSCAPE PLAN
1"=20'-0"



TREE PLANTING - GUY WIRES
SCALE: NOT TO SCALE



BED PREPARATION
SCALE: NOT TO SCALE



SHRUB PLANTING
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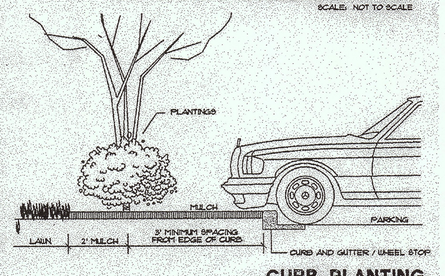


CURB PLANTING
SCALE: NOT TO SCALE

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

LANDSCAPE PLAN

Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
No. 12438
STATE OF TENNESSEE
7/22/05

Dwg No. AL1.0

Project No. 05036

NORTH MERIDIAN oriented to plat by Development Technology Company dated June 1, 2004

Contours taken from plat by Development Technology Company dated June 1, 2004

GIVEN INPUT DATA

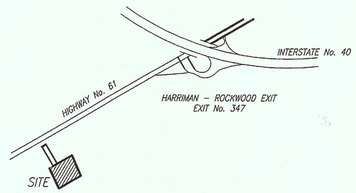
EXISTING HYDRANT
- ELEVATION 784.40 FT
- PRESSURE 120.00 PSI

TOP OF STAND PIPE
- ELEVATION 878.33 FT
- DISCHARGE 1.00 GPM
- DIAMETER 6.00 IN
- LENGTH 700.00 FT

HAZEN-WILLIAMS C 12.00

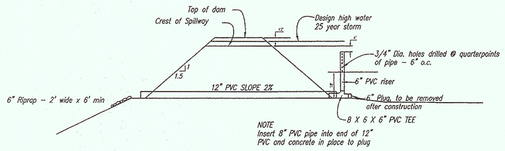
FACTORED RESULTS

PRESSURE @ TOP OF STANDPIPE	79.28 PSI
VELOCITY @ TOP OF STANDPIPE	0.01 FPS
HEADLOSS	0.00 FT
ENERY GRADE @ EXISTING HYDRANT	1061.24 FT
ENERGYGRADE @ TOP OF STANDPIPE	1061.24 FT
FRICTION SLOPE	0.000 FT/ 1000FT

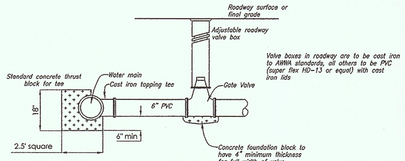


SITE LOCATION MAP
Not to Scale

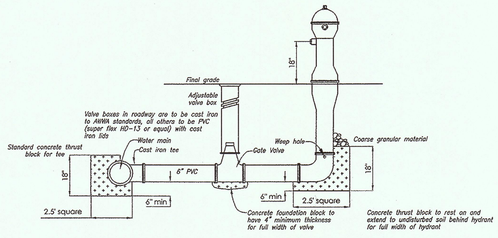
STATE HIGHWAY NO. 61 R.O.W.
TO HARRIMAN
TO ROCKWOOD
Existing Fire Hydrant
PATEL WDB M18, p. 563
6" PVC
8" CONCRETE
6" DI
2" PLASTIC
N 60°04' E 214.45'
S 59°44' W 30.00'
EXISTING ASPHALT
SUBLETT & MAYES WDB F22, p. 927
COMMERCIAL BUILDING
PROVIDE 18" DEEP SWALE DITCH WITH CHECK DAMS TO SLOW RUNOFF WATER
THIS PIECE OF PROPERTY TO BE INCLUDED WITH THE "HOLIDAY INN EXPRESS" FOR RETENTION POND
2' WIDE CURB CUT WITH 6" RIPRAP TO DITCH
EXISTING UTILITY POLE
ENTRANCE SIGN
BINGHAM WDB L18, p. 154
18" SLOTTED CMP, SEE 17/C-2.0
COMMERICAL BUILDING
CENTER OF PROPOSED 24' ASPHALT DRIVE
PROVIDE 18" DEEP SWALE DITCH WITH CHECK DAMS TO SLOW RUNOFF WATER
TOP OF WALL EL. 848.50
CATCH BASIN EL. 847.00 4/C-2.0
FLOW
HIGH POINT
ASPHALT SURFACE
6 SPACES @ 9'X18'
28 SPACES @ 9'X18'
GROUND SIGN
RETENTION POND 3600 CU. FT. STORAGE WITH 6" STANDPIPE, SPILLWAY TO BE PLACED ON-IN-SITU SOIL
FORTE COVIERE ABOVE
FINISHED FLOOR ELEVATION @ 849.0
3 STORIES 68 ROOMS 40,878 S.F.
2.32 ACRES
TOP OF ASPHALT EL. 848.25
DELOZIER WDB M20, p. 375
12" TYPE C CATCH BASIN EL. 847.00
Existing grade
PROPOSED 35' WIDE STRIP TO BE DEEDED FROM DELOZIER
7045.2 SQ. FT.
0.16 ACRES
2' WIDE CURB CUT WITH 6" RIPRAP TO DITCH
NewFire Hydrant, See 3/C-2.0
17 SPACES @ 9'X19'
23 SPACES @ 9'X19'
6" PVC SLOPE 1%
TOP OF WALL EL. 843.00
PROVIDE 12" DEEP SWALE DITCH WITH CHECK DAMS TO PREVENT RUNON WATER
ISHMAN WDB D20, p. 738
PROPOSED 50' WIDE ACCESS AND UTILITY EASEMENT
PROPOSED 50' WIDE ACCESS AND UTILITY EASEMENT TO BE DEEDED FROM BINGHAM 22974.4 SQ. FT. 0.53 ACRES
BINGHAM WDB L18, p. 154
24.32AS
S 59°44' W 45.01'
S 59°44' W 30.00'
S 59°44' W 169.75'
N 59°44' E 280.00'
N 59°44' E 169.75'
N 59°44' E 30.00'
S 59°44' W 280.00'
N 59°44' E 45.01'
S 59°44' W 30.00'
N 59°44' E 30.00'
S 59°44' W 30.00'
14°10'09" E 165.51'
14°10'09" E 245.82'
5.00' RADIUS 284.01'
Existing grade
Finish grade
Proposed grade and slope
Match existing grade
Match existing grade and slope
Top of curb
Top of curb and gutter
Top of curb and gutter elev.
Top of curb elev.
Top of curb and gutter elev. 845.50
Top of curb elev. 845.50
Top of curb and gutter elev. 845.00
Top of curb elev. 845.00
Top of curb and gutter elev. 844.50
Top of curb elev. 844.50
Top of curb and gutter elev.



1 C2.0 ELEVATION OF DAM
NOT TO SCALE

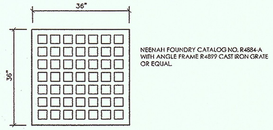


2 C2.0 DETAIL FOR TAPPING INTO EXISTING WATER MAIN AND GATE VALVE INSTALLATION
NOT TO SCALE

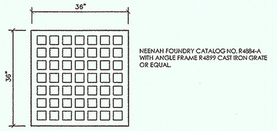


3 C2.0 DETAIL FOR FIRE HYDRANT
NOT TO SCALE

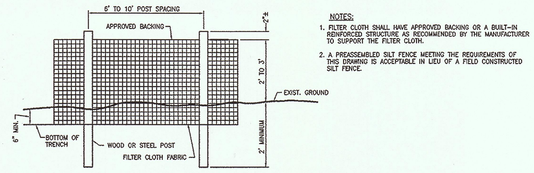
WATER NOTES
1) PIPE JOINTS ARE TO BE OF THE TYPE APPROVED BY THE LOCAL GOVERNING AGENCY
2) ALL CONCRETE IS TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 3000 PSI
3) FIRE HYDRANT MAKE, MODEL AND THREAD SIZE SHALL COMPLY WITH THE LOCAL FIRE DEPARTMENT REQUIREMENTS
4) MATERIAL AND INSTALLATION WILL BE CONSISTANT WITH THE STANDARD SPECIFICATIONS OF THE HARRIMAN UTILITY BOARD
5) WATER MAINS WILL BE BURIED A MINIMUM OF 30" BELOW THE FINAL GRADE
6) NO. 14 TRACING WIRE WILL BE INSTALLED IN THE BOTTOM OF THE TRENCH
7) WATER MAINS MUST BE INSTALLED WITH CAST IRON OF DUCTILE IRON FITTINGS IN CURVES (NO BENDING OF PVC PIPE)
8) NO THRUST BLOCKS OF PIPE INSTALLATION SHALL BE BACKFILLED UNTIL INSPECTED BY THE HARRIMAN UTILITY BOARD
9) MEG-A-LUG CLAMPS, OR EQUAL SHALL BE USED AT ALL PVC TO METAL TRANSITIONS
10) PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATION OF AWWA STANDARD C600-87
11) IN AREAS OF ROCK THE PIPE SHALL HAVE A 6" BED OF SAND PLACED ON THE ROCK PRIOR TO THE PIPE INSTALLATION
12) TYPICAL DETAILS, AS SHOWN, ARE TO ILLUSTRATE THE ENGINEER'S INTENTIONS OF INSTALLING WATER MAINS AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS ENCOUNTERED IN THE FIELD. CONTRACTOR MAY ALTER METHOD OF CONSTRUCTION TO SUIT FIELD CONDITIONS



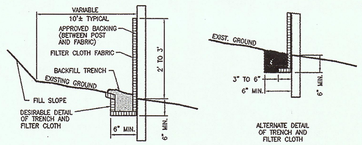
4 C2.0 DRAINAGE GRATE
NOT TO SCALE



5 C2.0 DRAINAGE GRATE
NOT TO SCALE



ELEVATION



SECTION

6 C2.0 FENCING AND TRENCH DRAIN
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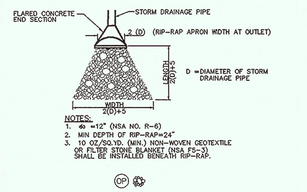
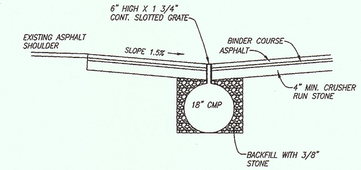
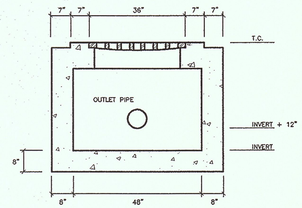


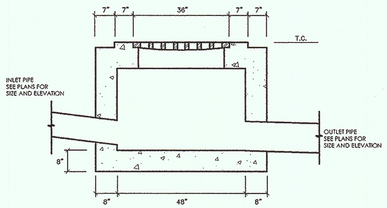
7 C2.0 STORM DRAINAGE
NOT TO SCALE



17 C2.0 DRAIN PIPE DETAIL
NOT TO SCALE



8 C2.0 DRAINAGE PIPE
NOT TO SCALE



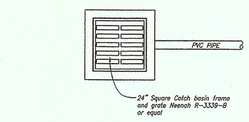
9 C2.0 MANHOLE SECTION
NOT TO SCALE

CONNECTION DETAIL

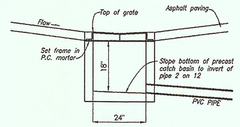
10 C2.0 MANHOLE COVER DETAIL
NOT TO SCALE

LIGHT DUTY PAVING SECTION

11 C2.0 PAVING SECTION
NOT TO SCALE

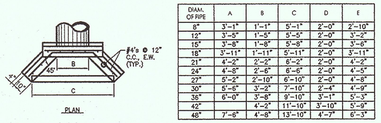


PLAN



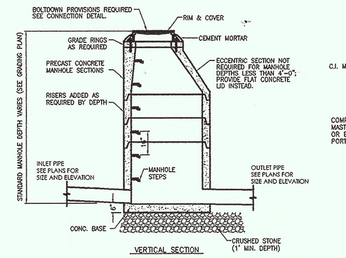
ELEVATION

18 C2.0 CATCH BASIN
NOT TO SCALE



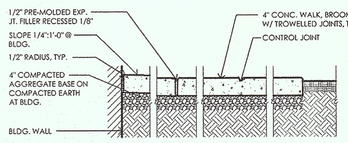
DIAM. OF PIPE	A	B	C	D	E
8"	3'-1"	1'-1"	5'-1"	2'-0"	2'-10"
12"	3'-5"	1'-5"	5'-5"	2'-0"	3'-2"
15"	3'-8"	1'-8"	5'-8"	2'-0"	3'-6"
18"	3'-11"	1'-11"	6'-11"	2'-0"	3'-11"
21"	4'-2"	2'-2"	6'-2"	2'-0"	4'-2"
24"	4'-5"	2'-5"	6'-5"	2'-0"	4'-5"
27"	5'-2"	2'-10"	6'-10"	2'-0"	4'-8"
30"	5'-5"	3'-2"	7'-10"	2'-4"	4'-9"
36"	6'-0"	3'-8"	9'-10"	3'-1"	5'-3"
42"		4'-2"	11'-10"	3'-10"	5'-9"
48"	7'-6"	4'-8"	13'-10"	4'-7"	6'-3"

8 C2.0 DRAINAGE PIPE
NOT TO SCALE

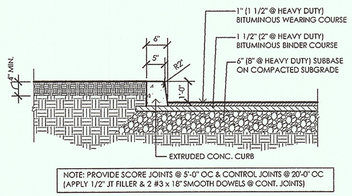


VERTICAL SECTION

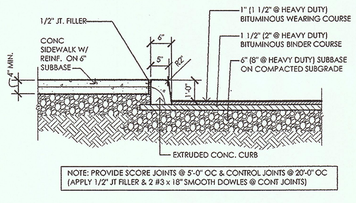
9 C2.0 MANHOLE SECTION
NOT TO SCALE



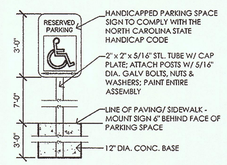
12 C2.0 CONCRETE WALK DETAIL
NOT TO SCALE



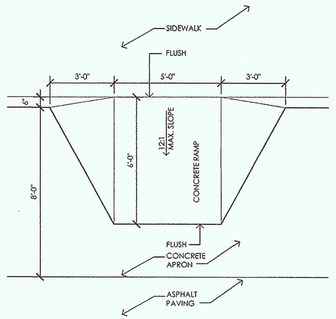
13 C2.0 CURB DETAIL
NOT TO SCALE



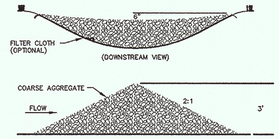
14 C2.0 CURB AND WALK DETAIL
NOT TO SCALE



15 C2.0 HANDICAP SIGN DETAIL
NOT TO SCALE



16 C2.0 ACCESS RAMP DETAIL
NOT TO SCALE



2 ACRES OR LESS OF DRAINAGE AREA



FIRST CIVIL DISTRICT ROANE COUNTY, TN
SCALE 1" = 40'

FREEMAN ENGINEERING AND SURVEYING
199 CABOT LANE ROCKWOOD, TN 37854
(865) 354-2960

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc
architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

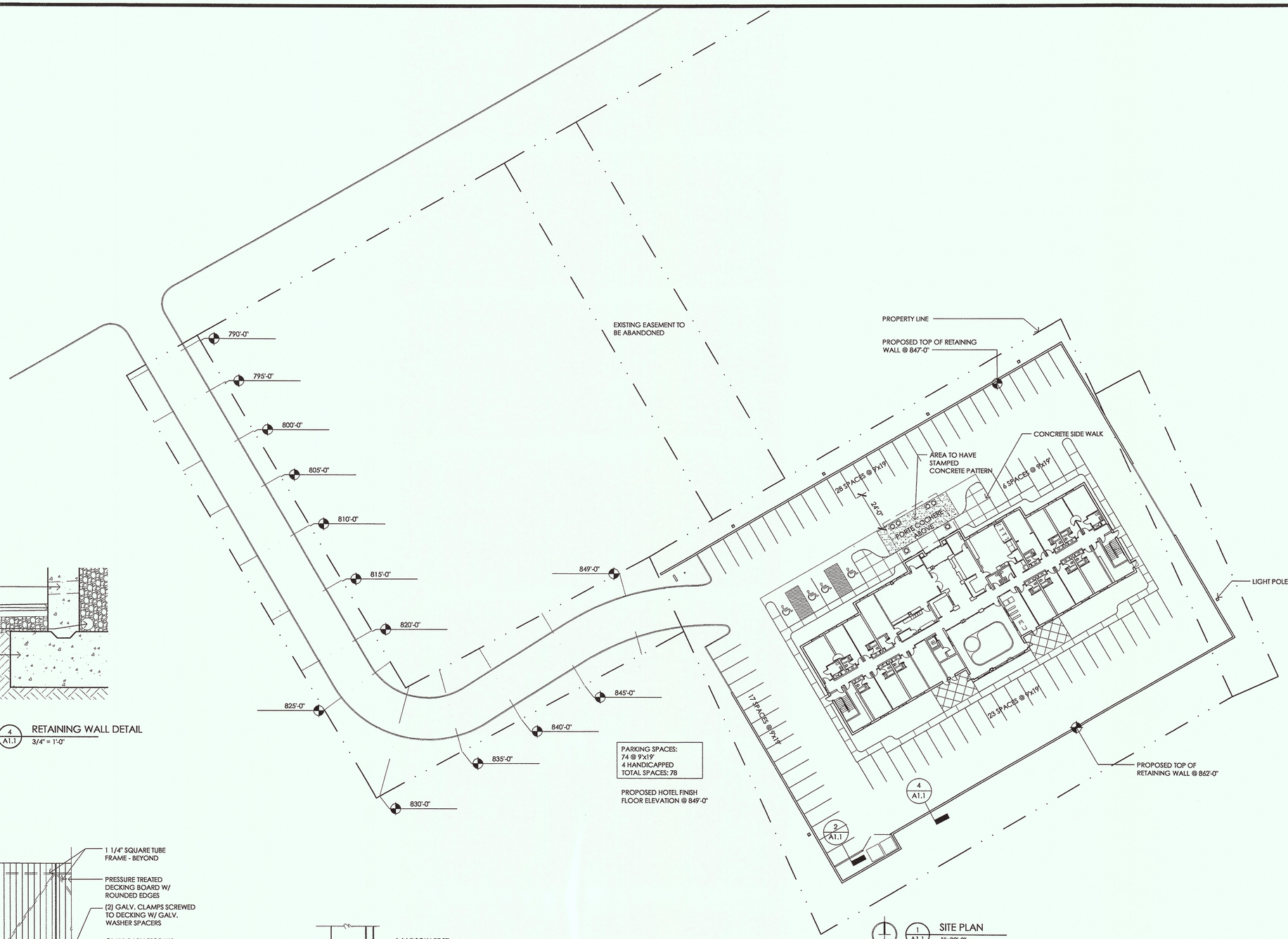
TOPO, SITE PLAN, DRAINAGE PLAN AND CALCULATIONS

Drawn by:
Checked by: MF
Date: 7/22/05

REVISIONS

No.	Date

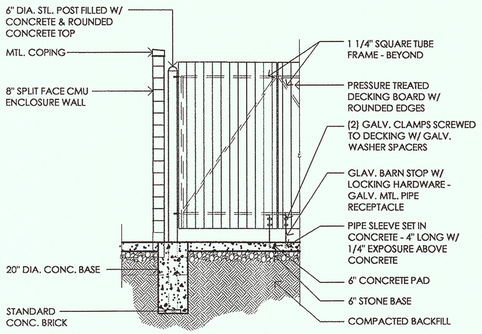
Dwg No. C2.0
Project No. 05036



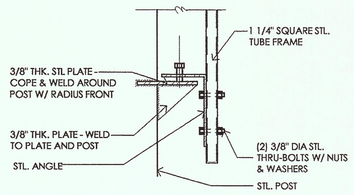
PARKING SPACES:
74 @ 9'X19'
4 HANDICAPPED
TOTAL SPACES: 78

PROPOSED HOTEL FINISH FLOOR ELEVATION @ 849'-0"

4 / A1.1 RETAINING WALL DETAIL
3/4" = 1'-0"



DUMPSTER GATE ELEVATION
2 / A1.1 SCALE: 1/4"=1'-0"



GATE SECTION DETAIL
3 / A1.1 SCALE: 1 1/2" = 1'-0"

1 / A1.1 SITE PLAN
1"=30'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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architecture
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FAX Number (865) 594-1860
E-MAIL Address cope@cope-associates.com

SITE PLAN

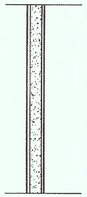
Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

No.	Date

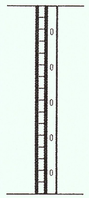
LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,436
STATE OF TENNESSEE
7/22/05

Dwg No.
A 1.1
Project No. 05036



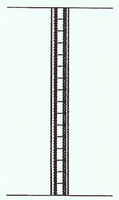
11

8" CAST IN PLACE WITH 1-1/2" HAT CHANNELS WITH 5/8" GYP. BD. BOTH SIDES EXTEND TO STRUCTURE ABOVE



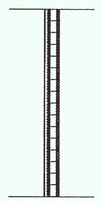
10

8" C.M.U. WITH 6" MTL. STUD WITH 5/8" GYP. BD. EXTEND TO STRUCTURE ABOVE



9

8" C.M.U. WITH 1-1/2" HAT CHANNELS WITH 5/8" GYP. BD. BOTH SIDES EXTEND TO STRUCTURE ABOVE, UL #U906 WHERE REQUIRED



8

8" C.M.U. WITH 1-1/2" HAT CHANNELS WITH 5/8" GYP. BD. ONE SIDE EXTEND TO STRUCTURE ABOVE, UL #U906 WHERE REQUIRED



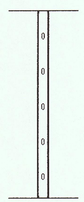
7

8" C.M.U. EXTEND TO STRUCTURE ABOVE, UL #U906 WHERE REQUIRED



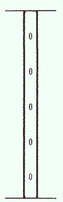
6

3-5/8" MTL. STUD @ 16" O.C. WITH 5/8" GYP. BD. ON BOTH SIDES EXTEND TO STRUCTURE,



5

6" MTL. STUD @ 16" O.C. WITH 5/8" GYP. BD. ON BOTH SIDES EXTEND TO STRUCTURE,



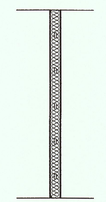
4

8" MTL. STUD @ 16" O.C. WITH 5/8" GYP. BD. ON BOTH SIDES EXTEND TO STRUCTURE,



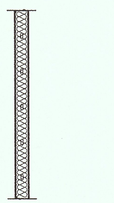
3

3-5/8" MTL. STUD @ 16" O.C. WITH 5/8" TYPE "X" GYP. BD. ON BOTH SIDES AND SOUND ATTENUATION BATTS IN WALL CAVAITY TO EXTEND TO STRUCTURE, UL #U419



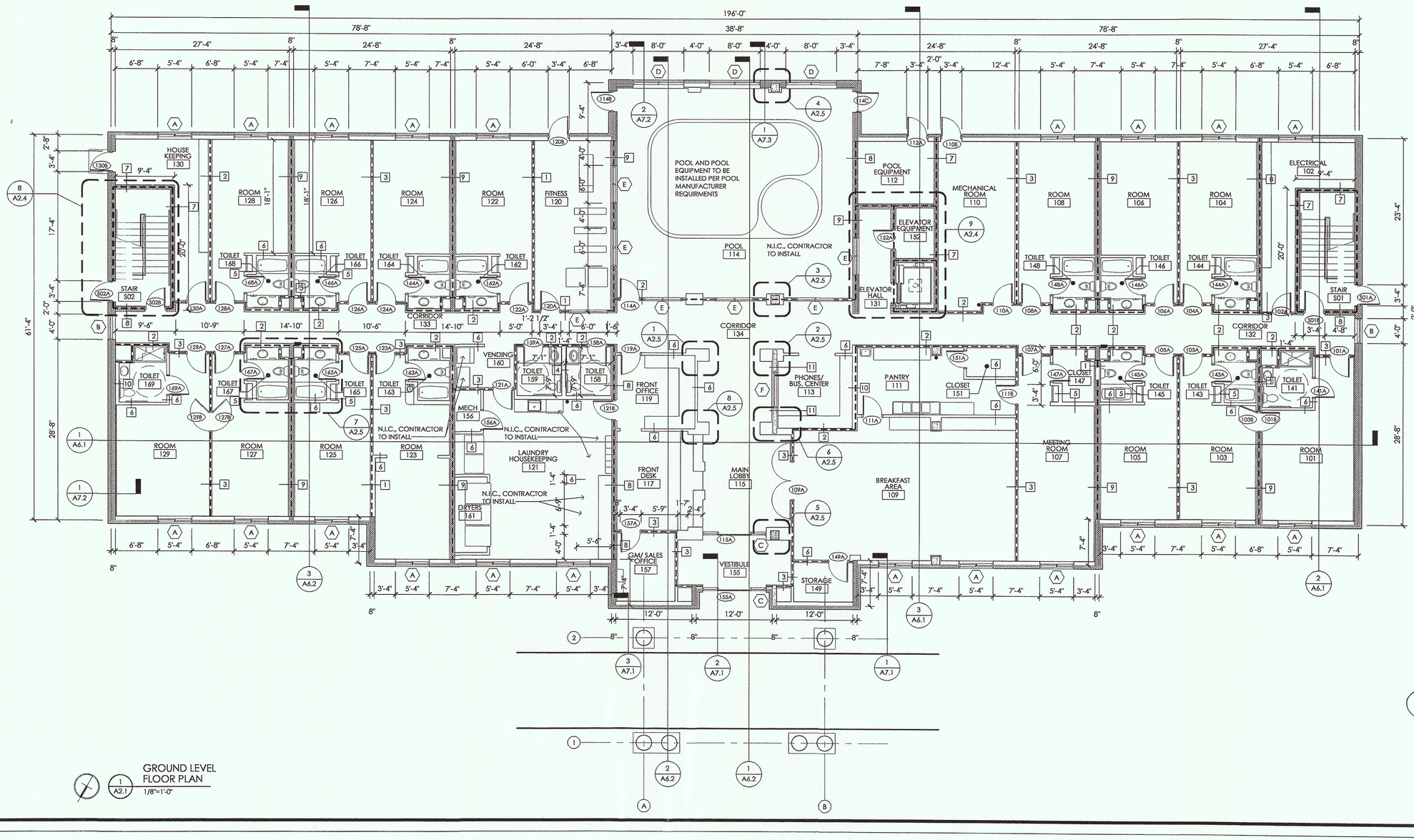
2

6" MTL. STUD @ 16" O.C. WITH 5/8" TYPE "X" GYP. BD. ON BOTH SIDES AND SOUND ATTENUATION BATTS IN WALL CAVAITY TO EXTEND TO STRUCTURE, UL #U419



1

8" MTL. STUD @ 16" O.C. WITH 5/8" TYPE "X" GYP. BD. ON BOTH SIDES AND SOUND ATTENUATION BATTS IN WALL CAVAITY TO EXTEND TO STRUCTURE, UL #U419



GROUND LEVEL FLOOR PLAN

1/8"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address copa@cope-associates.com

GROUND LEVEL FLOOR PLAN

Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

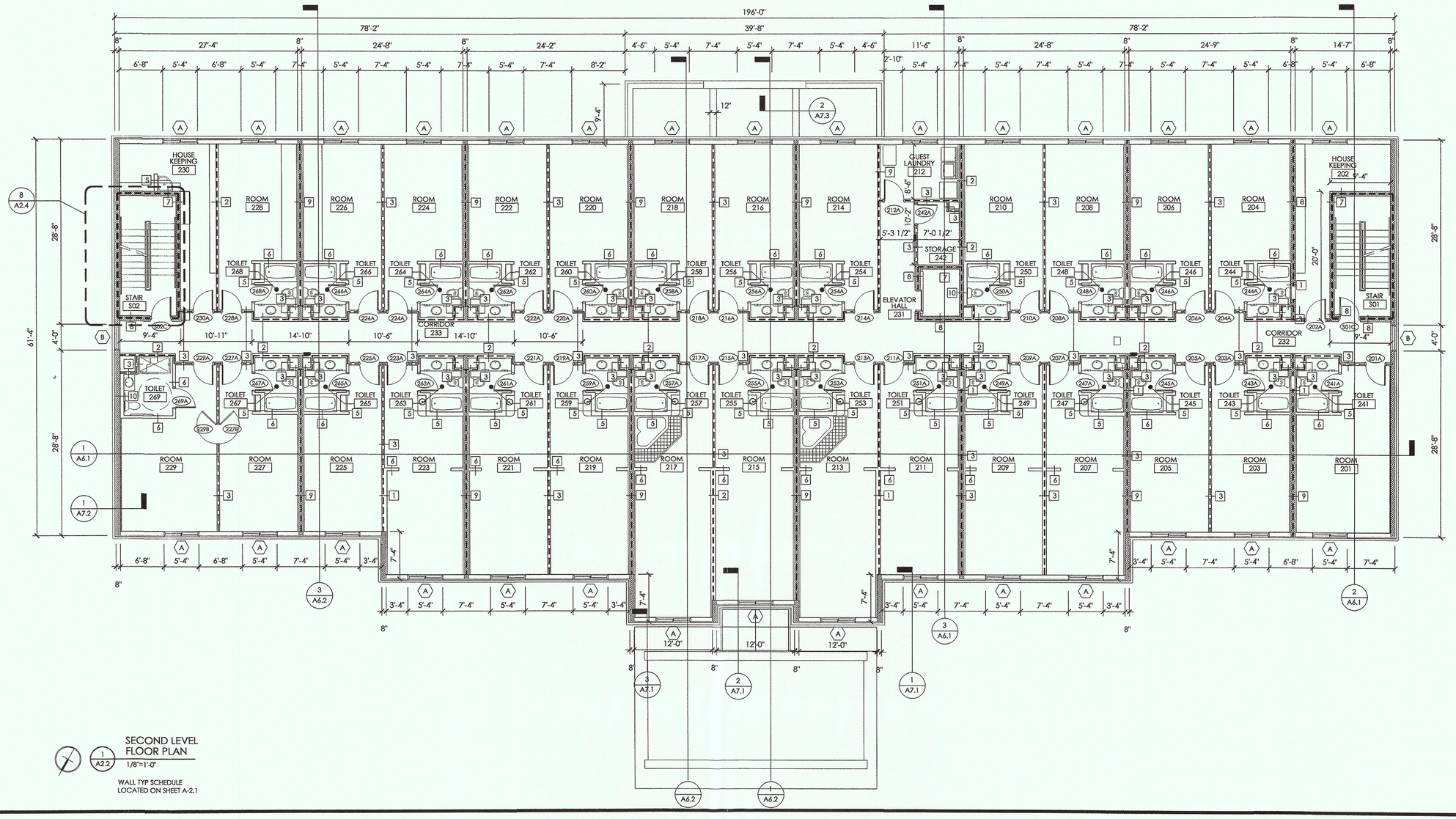
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,446
STATE OF TENNESSEE
7/22/05

Dwg No.

A 2.1

Project No. 05036



SECOND LEVEL FLOOR PLAN
1/8"=1'-0"

1 A2.2

WALL TYP SCHEDULE
LOCATED ON SHEET A-2.1

Holiday Inn EXPRESS HOTEL & SUITES

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FAX Number (865) 694-1860
E-MAIL Address copa@copa-associates.com

SECOND LEVEL FLOOR PLAN

Drawn by: JTP
Checked by: MR
Date: 7/22/05

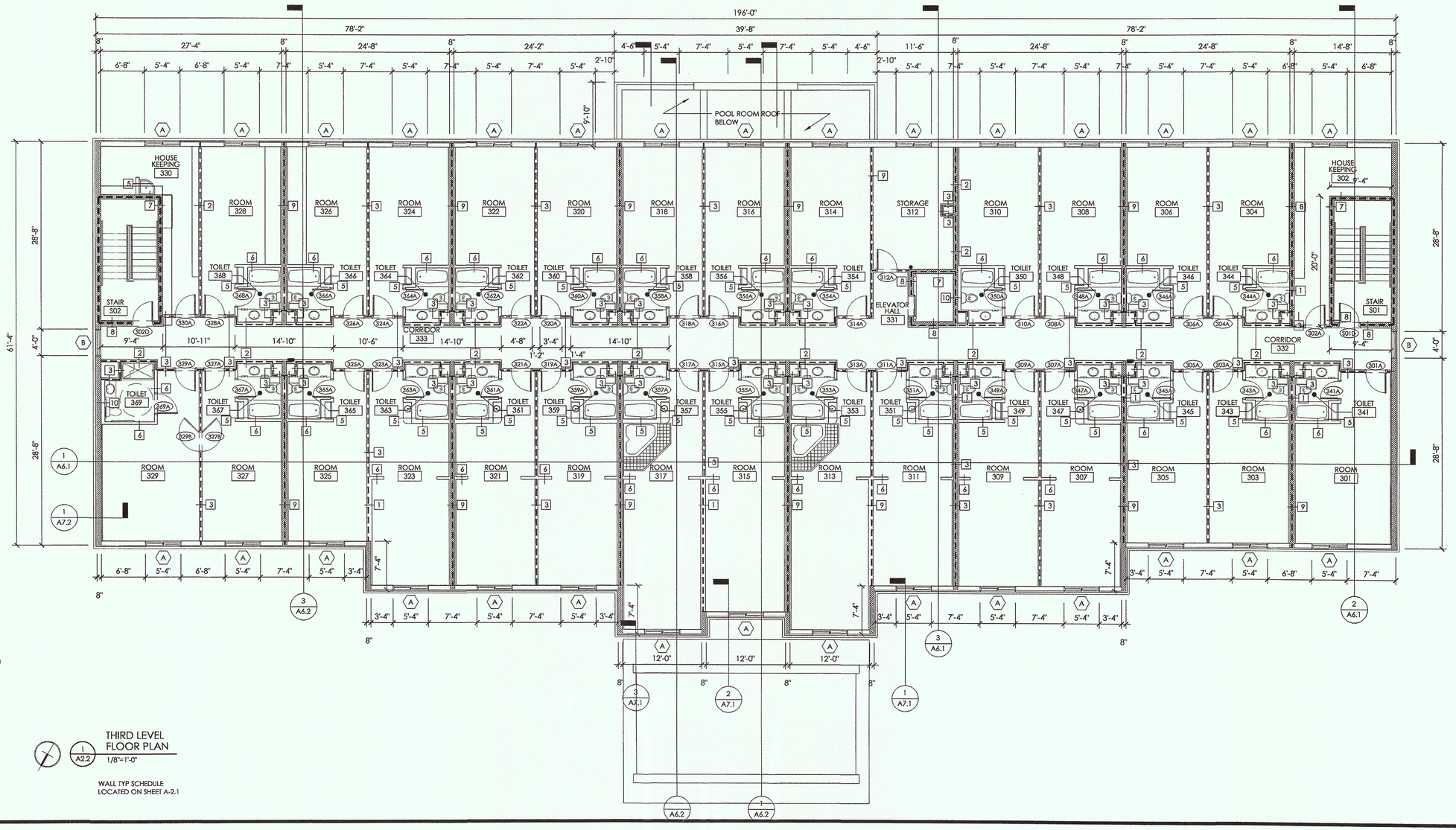
REVISIONS

No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,436
STATE OF TENNESSEE
7/22/05

Dwg No.
A 2.2

Project No. 05036



THIRD LEVEL FLOOR PLAN
1/8"=1'-0"

WALL TYP SCHEDULE
LOCATED ON SHEET A-2.1

Holiday Inn EXPRESS HOTEL & SUITES

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Phone Number (865) 594-9000
FAX Number (865) 594-1600
E-MAIL Address cope@cope-associates.com

SECOND LEVEL FLOOR PLAN

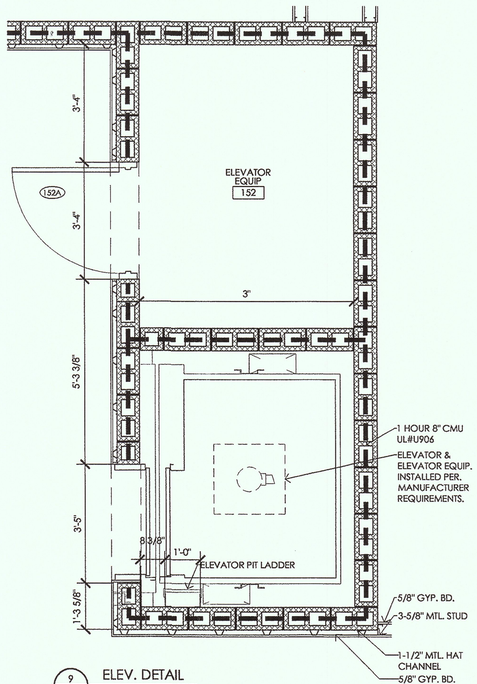
Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

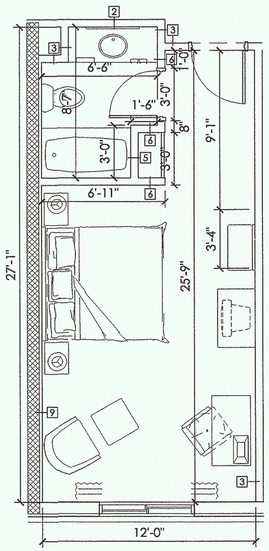
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
COMMERCE
No. 12,436
STATE OF TENNESSEE

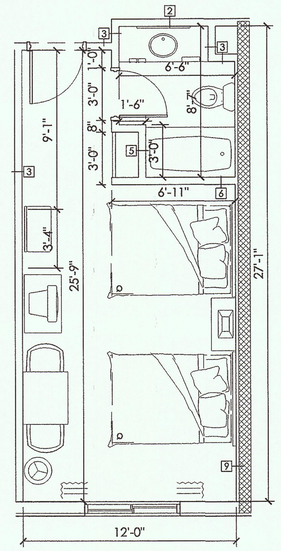
Dwg No.
A 2.3
Project No. 05036



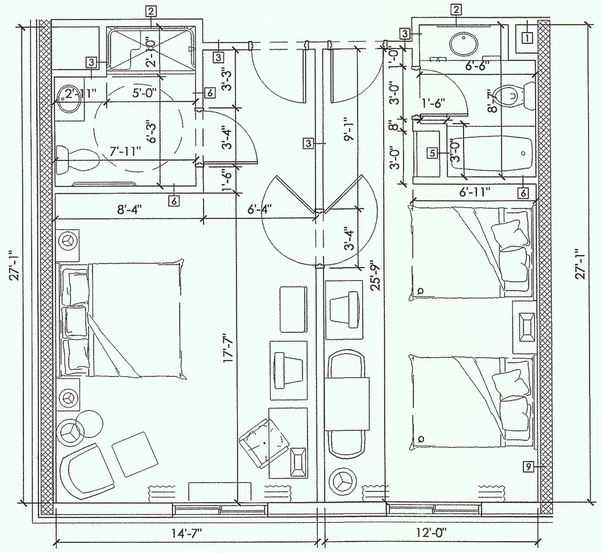
9 A2.4 ELEV. DETAIL
1/2"=1'-0"



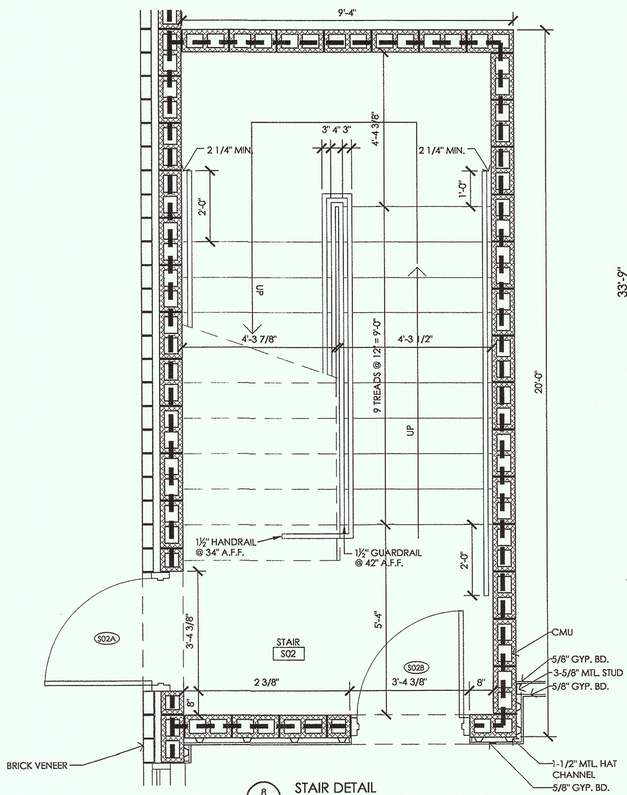
1 A2.4 KING ROOM
1/4"=1'-0"
20 ROOMS



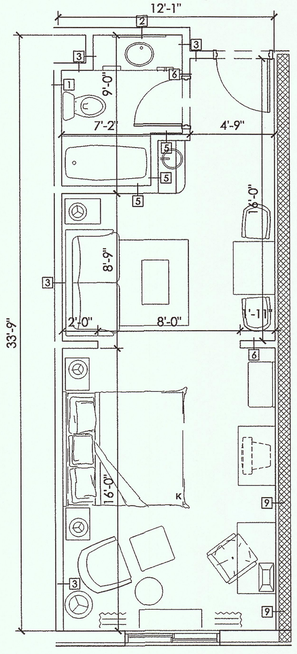
2 A2.4 DBL. QUEEN ROOM
1/4"=1'-0"
21 ROOMS



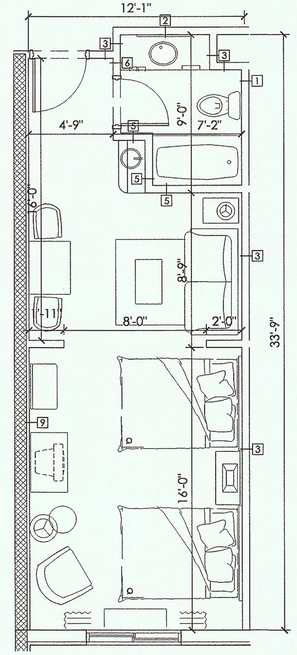
3 A2.4 ACCESSIBLE ROOM AND ADJ. DBL. QUEEN
1/4"=1'-0"
4 ROOMS



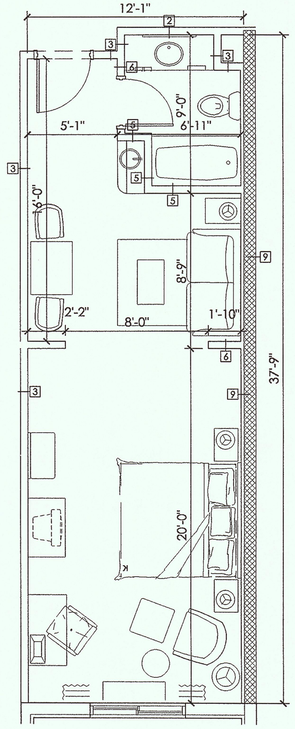
8 A2.4 STAIR DETAIL
1/2"=1'-0"



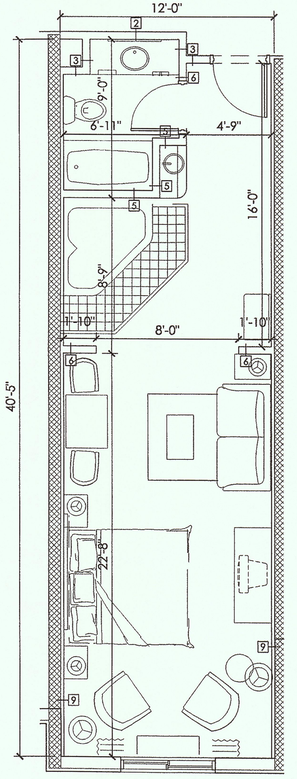
4 A2.4 KING SUITE
1/4"=1'-0"
7 ROOMS



5 A2.4 DBL. QUEEN SUITE
1/4"=1'-0"
7 ROOMS



6 A2.4 EXTENDED DBL. QUEEN SUITE
1/4"=1'-0"
1 ROOM



7 A2.4 EXTENDED KING SUITE
1/4"=1'-0"
4 ROOMS

Holiday Inn EXPRESS HOTEL & SUITES

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Phone Number (865) 694-9000
FAX Number (865) 694-1860
E-MAIL Address copa@copa-associates.com

UNIT LAYOUTS
FLOOR PLAN

Drawn by: JTP
Checked by: MR
Date: 7/22/05

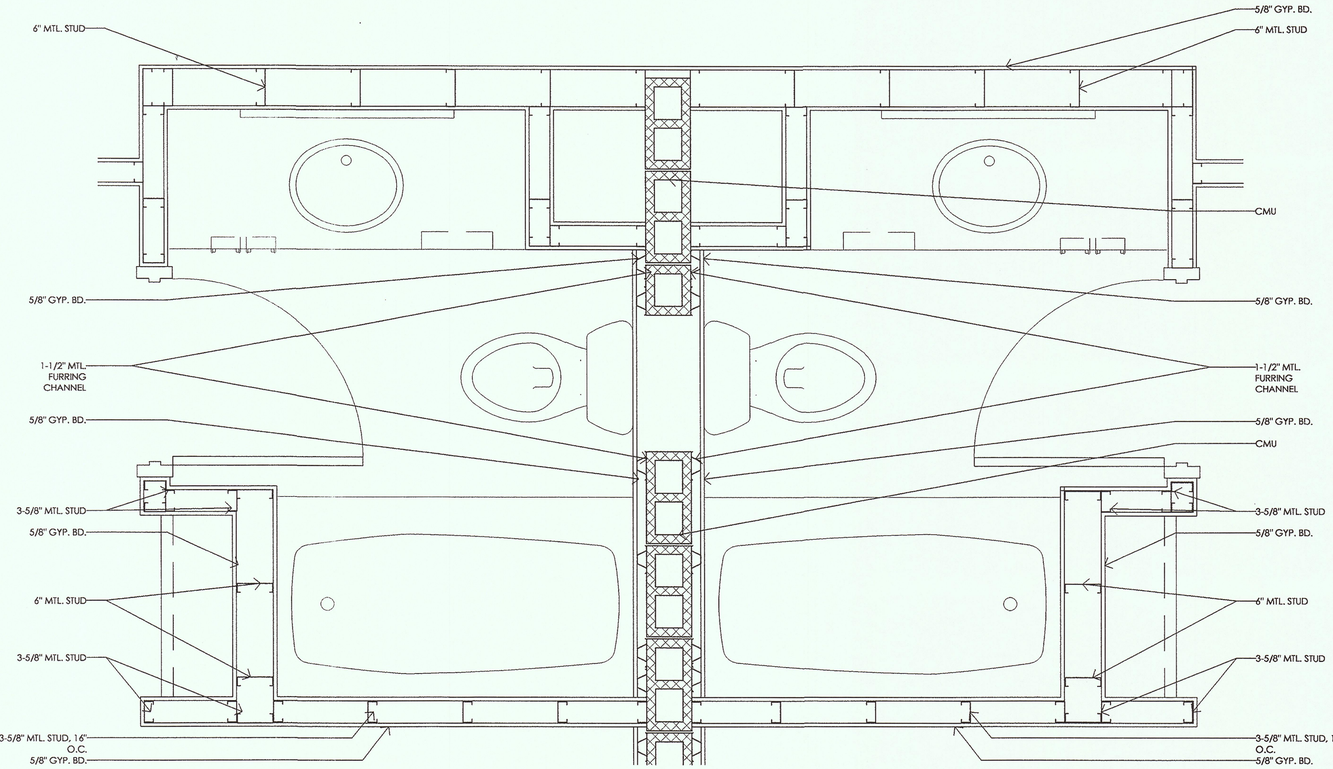
REVISIONS

No.	Date

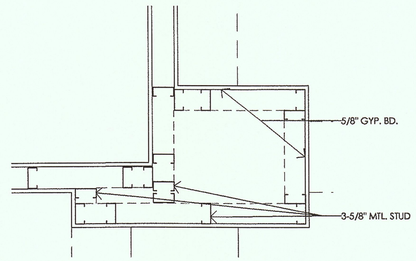
LANIS LEE COPA
REGISTERED ARCHITECT
ENGINEER
No. 12,438
STATE OF TENNESSEE
7-22-05

Dwg No.
A 2.4

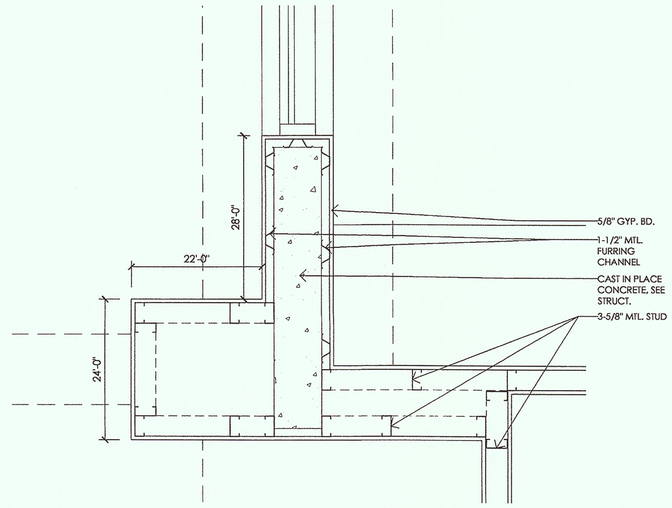
Project No. 05036



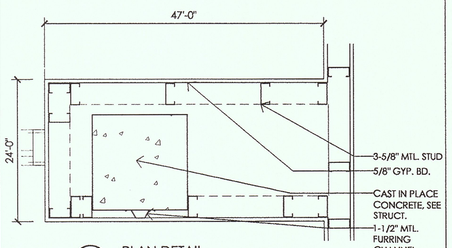
7 A2.5 PLAN DETAIL
1"=1'-0"



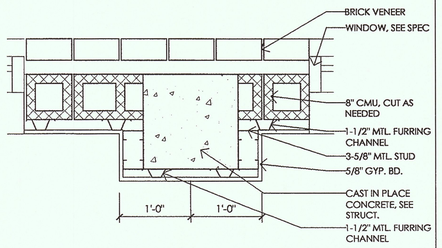
8 A2.5 PLAN DETAIL
1"=1'-0"



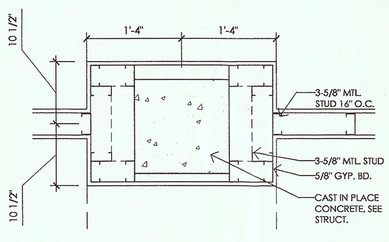
6 A2.5 PLAN DETAIL
1"=1'-0"



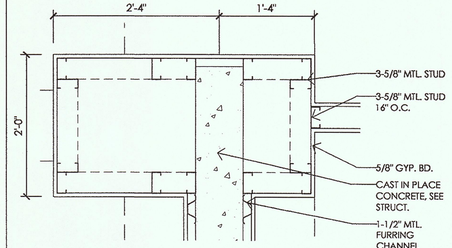
5 A2.5 PLAN DETAIL
1"=1'-0"



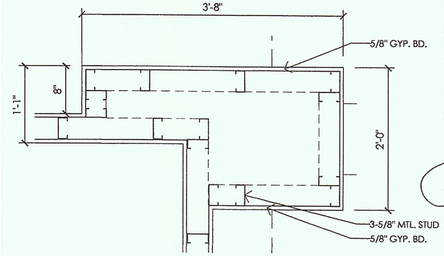
4 A2.5 PLAN DETAIL
1"=1'-0"



3 A2.5 PLAN DETAIL
1"=1'-0"



2 A2.5 PLAN DETAIL
1"=1'-0"



1 A2.5 PLAN DETAIL
1"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

copa associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 594-1600
E-MAIL Address copa@copa-associates.com

PLAN DETAILS

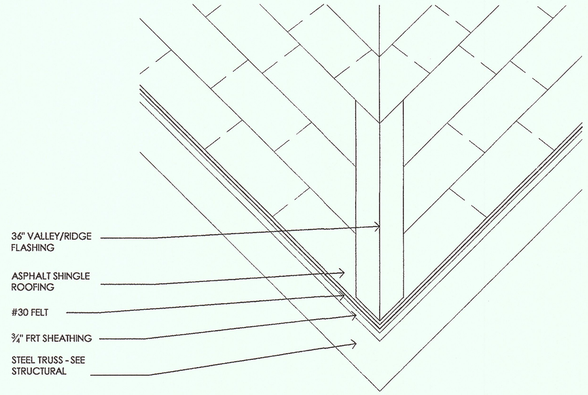
Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

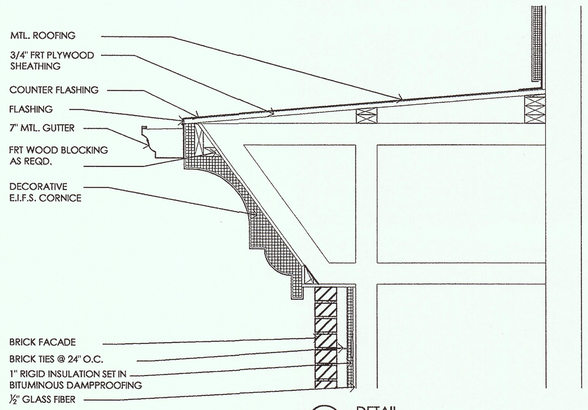
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
COMMISSION NO. 12,430
STATE OF TENNESSEE

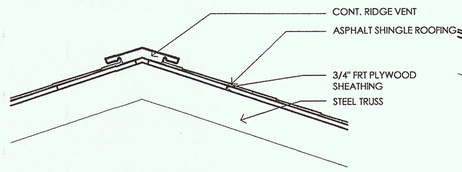
Dwg No.
A 2.5
Project No. 05036



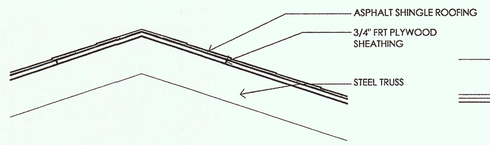
6 A3.1 VALLEY DETAIL
1"=1'-0"



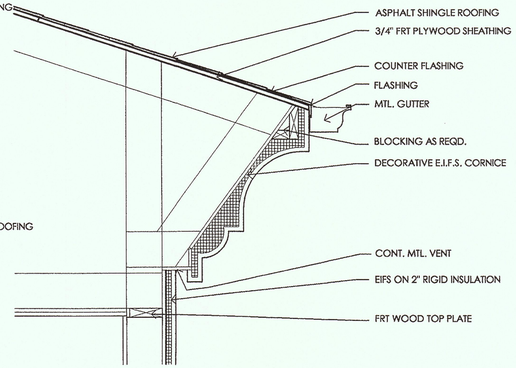
5 A3.1 DETAIL
1"=1'-0"



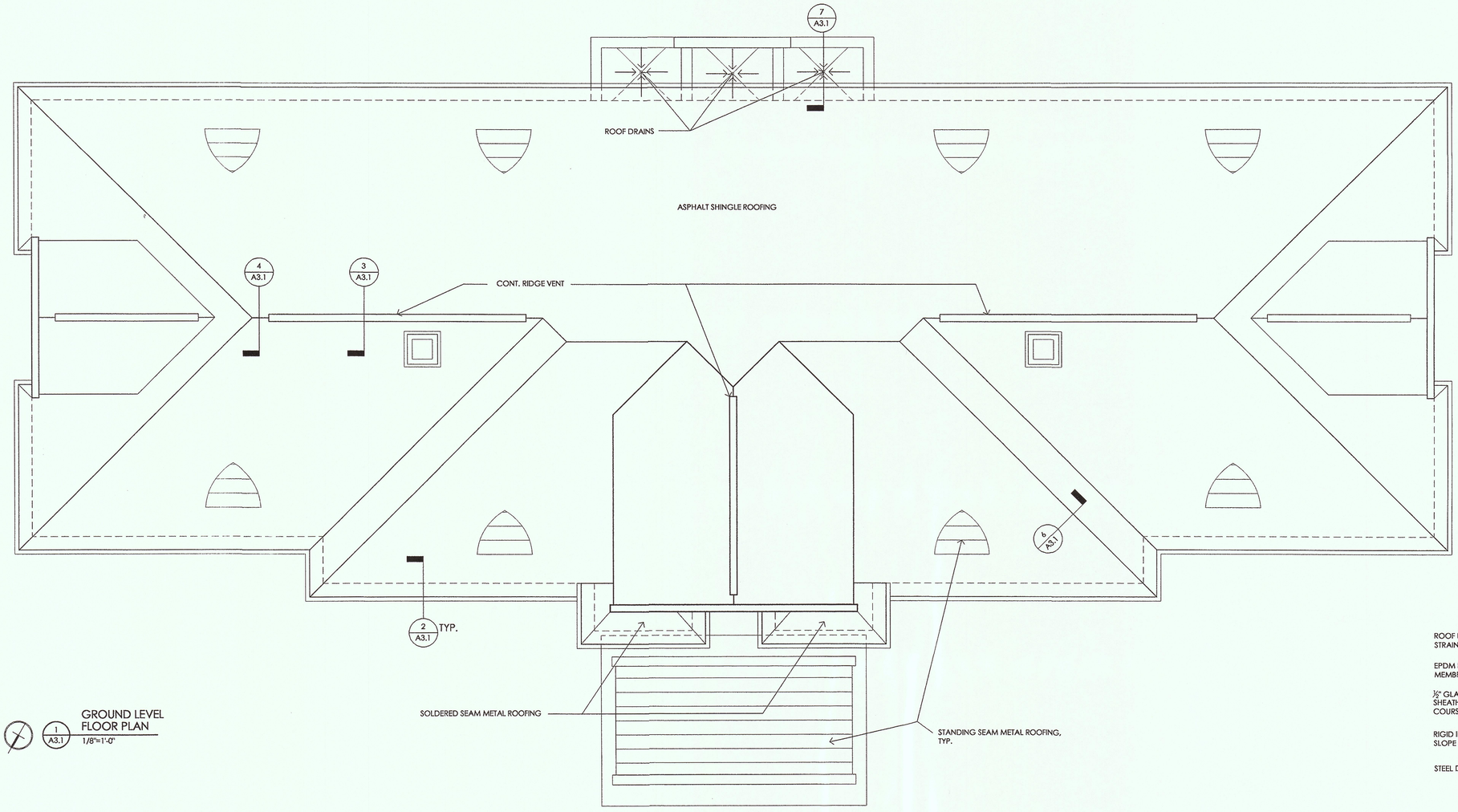
3 A3.1 DETAIL
1"=1'-0"



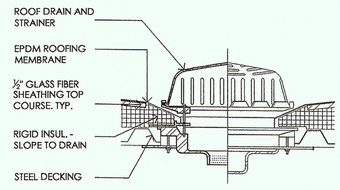
4 A3.1 DETAIL
1"=1'-0"



2 A3.1 DETAIL
1"=1'-0"



1 A3.1 GROUND LEVEL FLOOR PLAN
1/8"=1'-0"



7 A3.1 DETAIL
1 1/2"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

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FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

ROOF PLAN

Drawn by: JTP
Checked by: MR
Date: 7/22/05

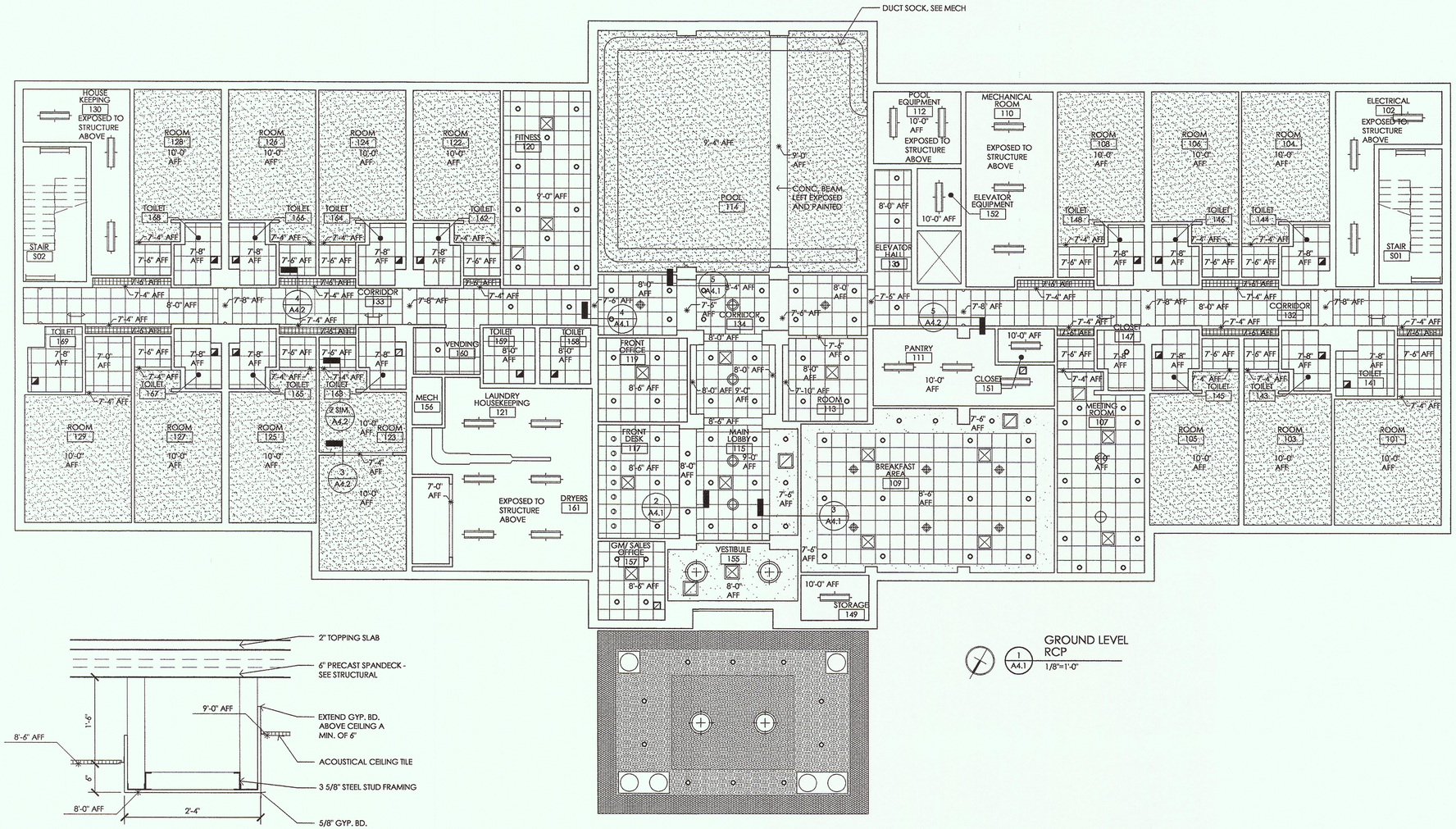
REVISIONS

No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,426
STATE OF TENNESSEE
7/22/05

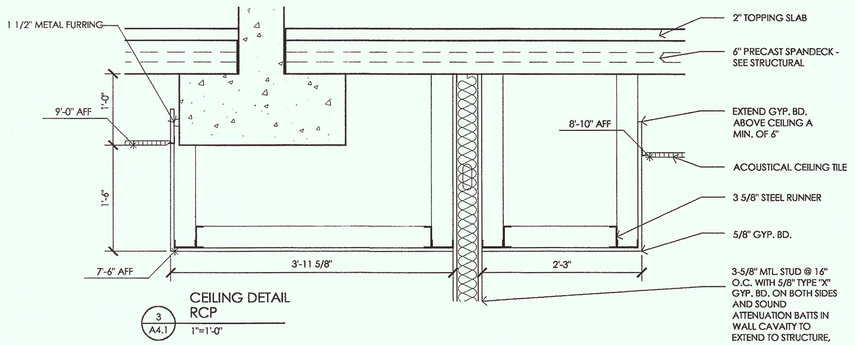
Dwg No.
A3.1

Project No. 05036

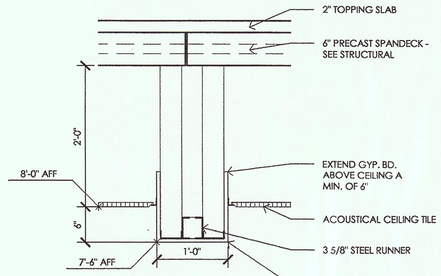


1 A4.1 GROUND LEVEL RCP
1/8"=1'-0"

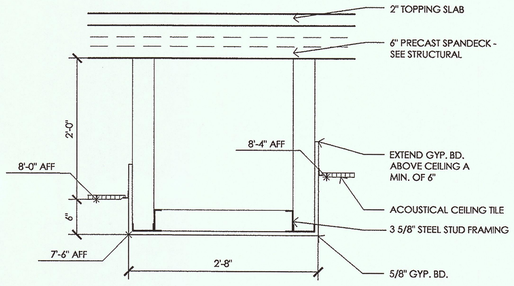
2 A4.1 CEILING DETAIL RCP
1"=1'-0"



3 A4.1 CEILING DETAIL RCP
1"=1'-0"



4 A4.1 CEILING DETAIL RCP
1"=1'-0"



5 A4.1 CEILING DETAIL RCP
1"=1'-0"

FIXTURE LEGEND

	CAN LIGHT
	12" PENDANT LIGHT
	18" PENDANT LIGHT
	LARGE PENDANT LIGHT
	WALL MOUNTED LIGHTING
	WALL SCONCE
	WALL SCONCE
	EMERGENCY EXIT SIGN
	12 X 12 RETURN
	EXHAUST VENT
	2 X 2 TEGULAR TILE
	6" X 6" CEILING TILE
	SPRAY APPLIED TEXTURE FINISH
	HARD GYP CEILING
	E.I.F.S.
	UNFINISHED

Holiday Inn EXPRESS HOTEL & SUITES

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FAX Number (865) 584-1850
E-MAIL Address copa@copa-associates.com

GROUND LEVEL REFLECTED CEILING PLAN

Drawn by: CC
Checked by: MR
Date: 7/22/05

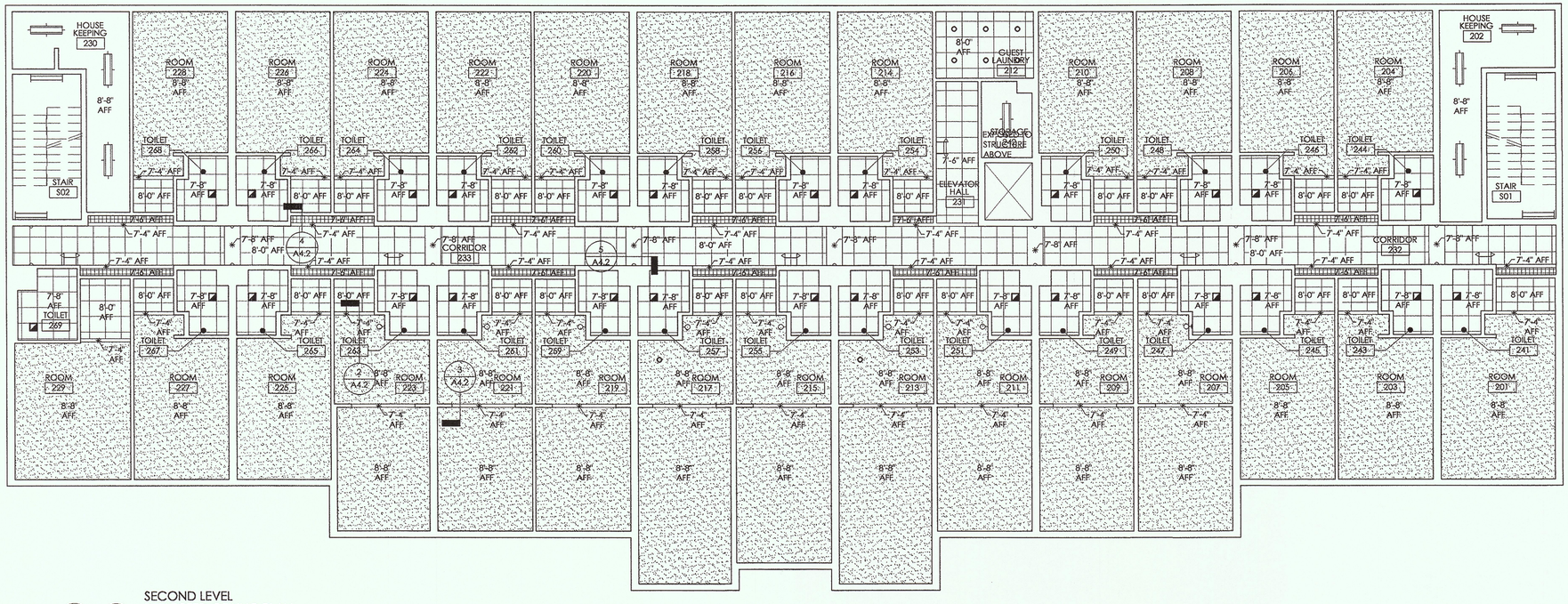
REVISIONS

No.	Date

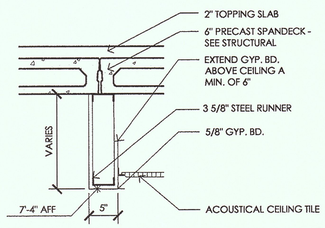
LANIS LEE COPE
REGISTERED ARCHITECT
COMMISSION NO. 12,436
STATE OF TENNESSEE
7/22/05

Dwg No.
A4.1

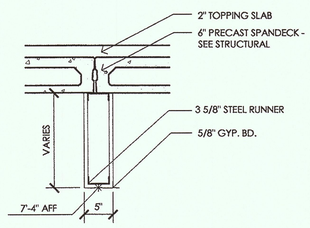
Project No. 05036



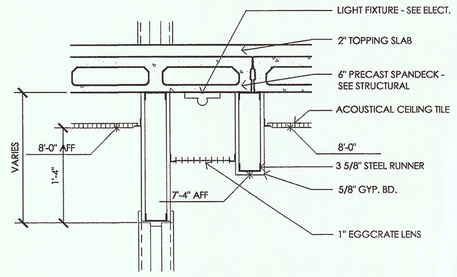
1 A4.2 SECOND LEVEL REFLECTED CEILING PLAN
1/8"=1'-0"



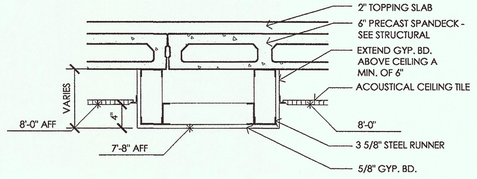
2 A4.2 CEILING DETAIL RCP
1"=1'-0"



3 A4.2 CEILING DETAIL RCP
1"=1'-0"



4 A4.2 CEILING DETAIL RCP
1"=1'-0"



5 A4.2 CEILING DETAIL RCP
1"=1'-0"

FIXTURE LEGEND

- CAN LIGHT
- 12" PENDANT LIGHT
- 18" PENDANT LIGHT
- LARGE PENDANT LIGHT
- WALL MOUNTED LIGHTING
- WALL SCONCE
- WALL SCONCE
- EMERGENCY EXIT SIGN
- 12 X 12 RETURN
- EXHAUST VENT
- 2 X 2 TEGULAR TILE
- 6" X 6" CEILING TILE
- SPRAY APPLIED TEXTURE FINISH
- HARD GYP CEILING
- E.I.F.S.
- UNFINISHED

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1880
E-MAIL Address cope@cope-associates.com

SECOND LEVEL REFLECTED CEILING PLAN

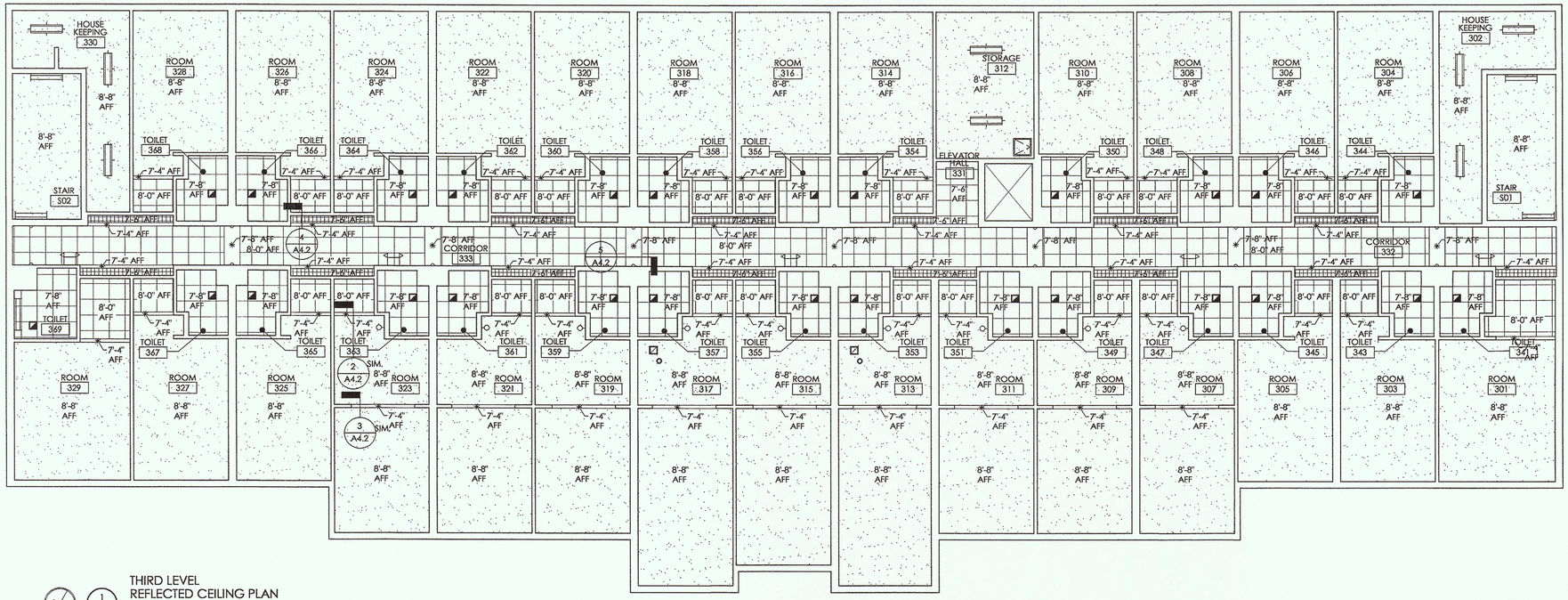
Drawn by: CC
Checked by: MR
Date: 7/22/05

REVISIONS

No.	Date

LANIS LEE COPE REGISTERED ARCHITECT COMMERCE No. 12,436 STATE OF TENNESSEE 7/22/05

Dwg No.
A4.2
Project No. 05036



1 A4.3 THIRD LEVEL REFLECTED CEILING PLAN
1/8"=1'-0"

FIXTURE LEGEND

- CAN LIGHT
- 12" PENDANT LIGHT
- 18" PENDANT LIGHT
- LARGE PENDANT LIGHT
- WALL MOUNTED LIGHTING
- WALL SCONCE
- WALL SCONCE
- EMERGENCY EXIT SIGN
- 12 X 12 RETURN
- EXHAUST VENT
- 2 X 2 TEGULAR TILE
- 6" X 6" CEILING TILE
- SPRAY APPLIED TEXTURE FINISH
- HARD GYP CEILING
- E.I.F.S.
- UNFINISHED

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
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cope associates inc architecture
2607 Kingston Pike, Suite 5
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Phone Number (865) 694-6000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

THIRD LEVEL
REFLECTED CEILING PLAN

Drawn by: CC
Checked by: MR
Date: 7/22/05

REVISIONS

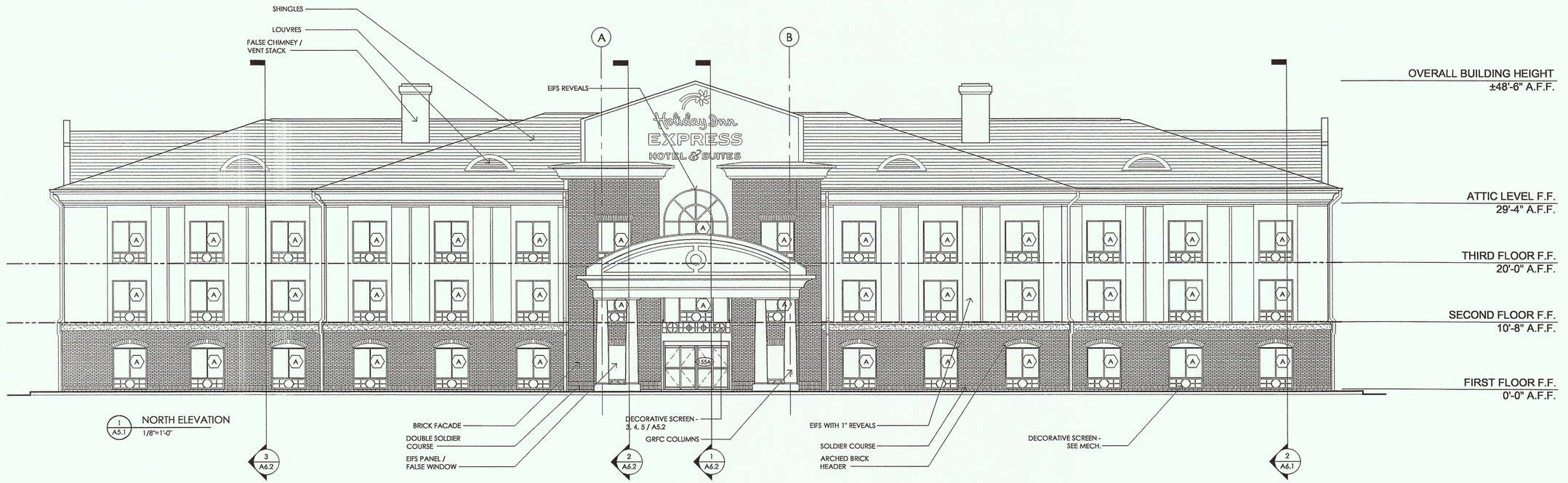
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
COMMERCIAL
NO. 12,436
STATE OF TENNESSEE

7/22/05

Dwg No.
A4.3

Project No. 05036



1 A5.1 NORTH ELEVATION
1/8"=1'-0"



2 A5.1 SOUTH ELEVATION
1/8"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
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HOTEL FOR
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Knoxville, Tennessee 37919
Phone Number (865) 594-9000
FAX Number (865) 594-1860
E-MAIL Address cope@cope-associates.com

ELEVATIONS

Drawn by: PM, CC
Checked by: MR
Date: 7/22/05

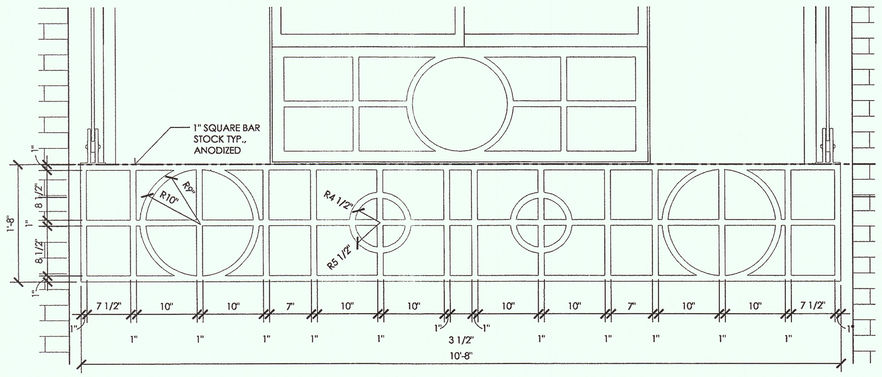
REVISIONS

No.	Date

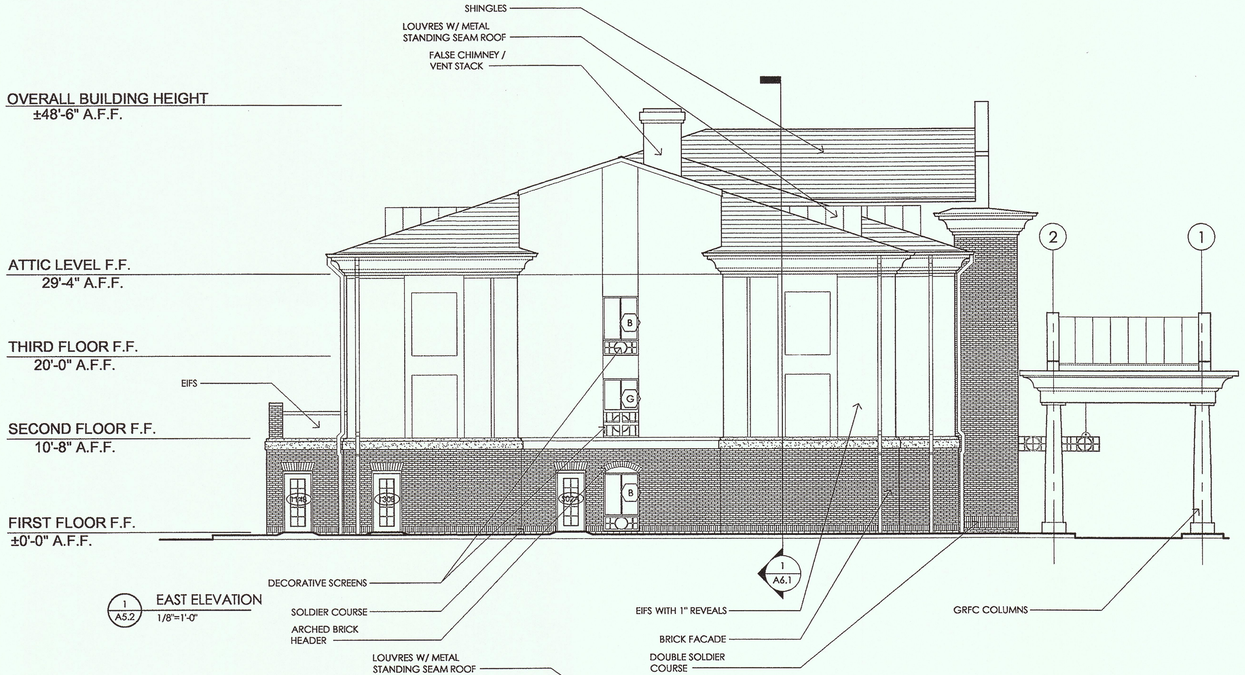
LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,436
STATE OF TENNESSEE

Dwg No.
A5.1

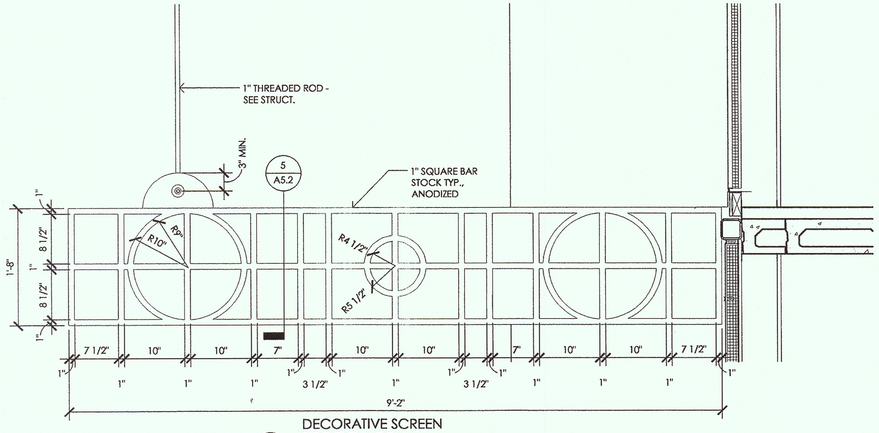
Project No. 05036



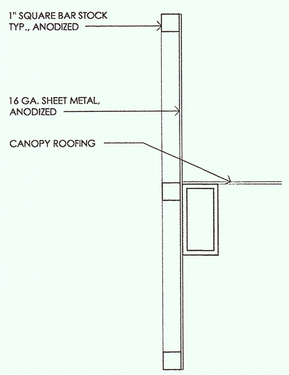
3 A5.2 DECORATIVE SCREEN FRONT ELEVATION
1"=1'-0"



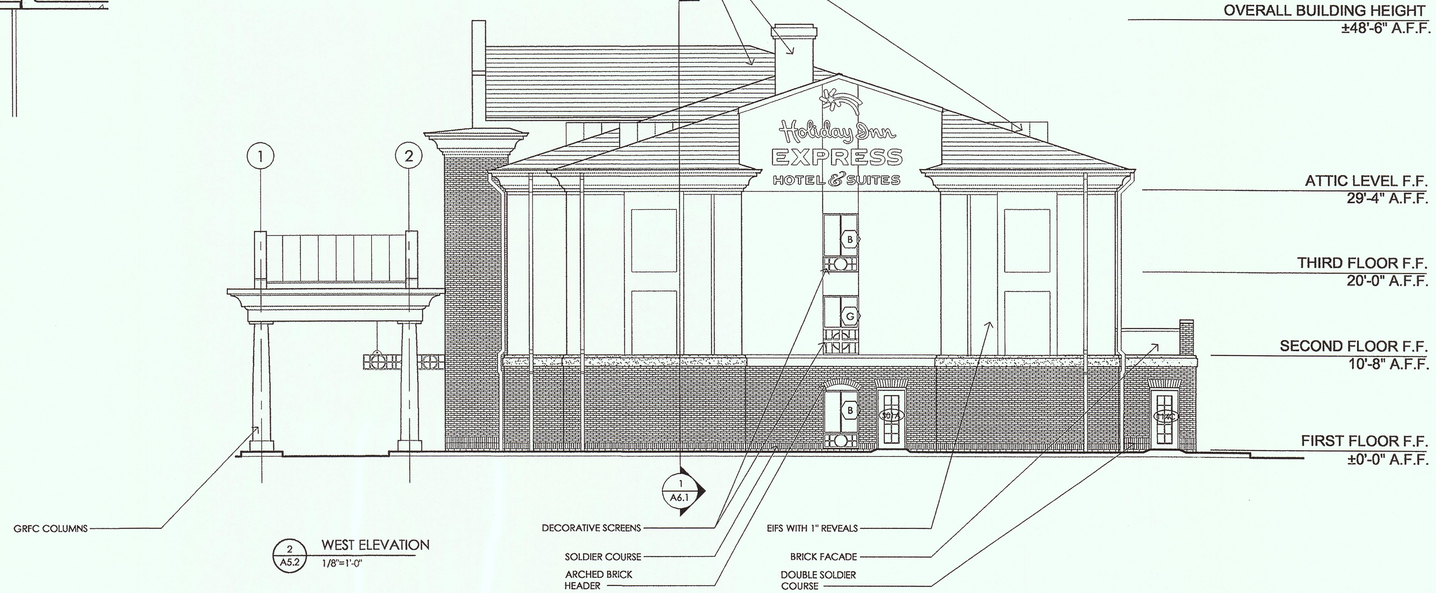
1 A5.2 EAST ELEVATION
1/8"=1'-0"



4 A5.2 DECORATIVE SCREEN SIDE ELEVATION
1"=1'-0"



5 A5.2 DECORATIVE SCREEN SECTION
1"=1'-0"



2 A5.2 WEST ELEVATION
1/8"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
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SHASHI PATEL

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2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 594-1880
E-MAIL Address cope@cope-associates.com

ELEVATIONS

Drawn by: PM, CC
Checked by: MR
Date: 7/22/05

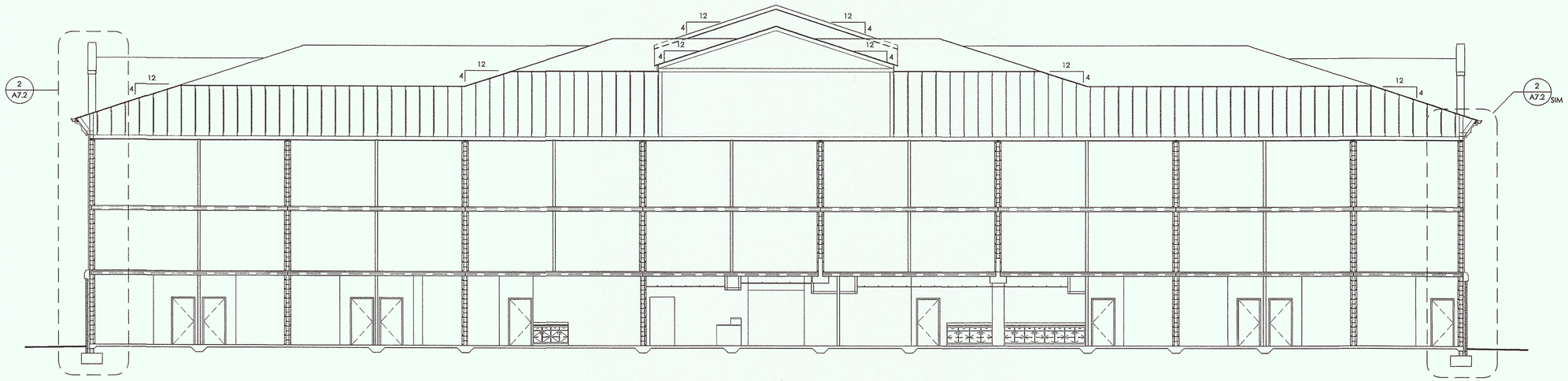
REVISIONS

No.	Date

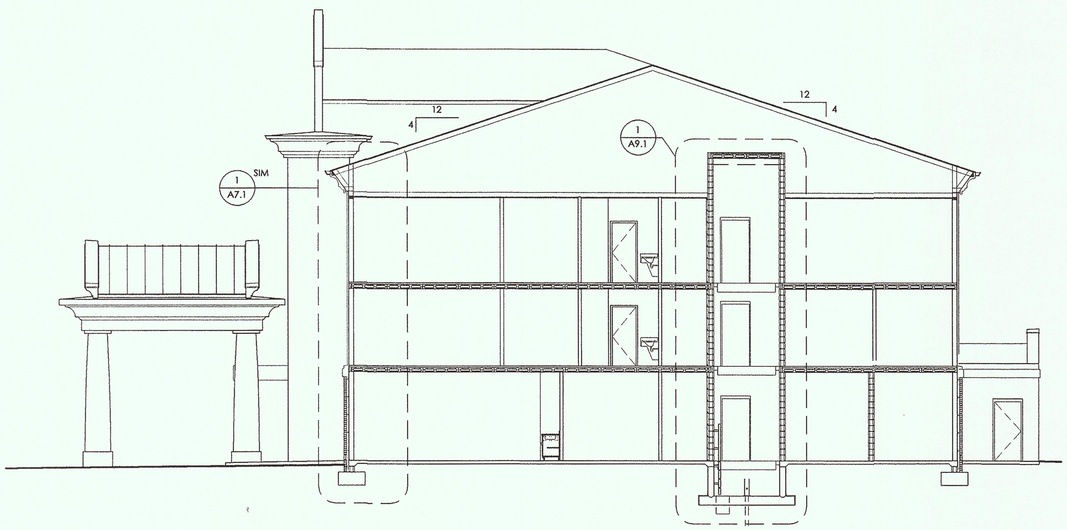
LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,438
STATE OF TENNESSEE

Dwg No.
A5.2

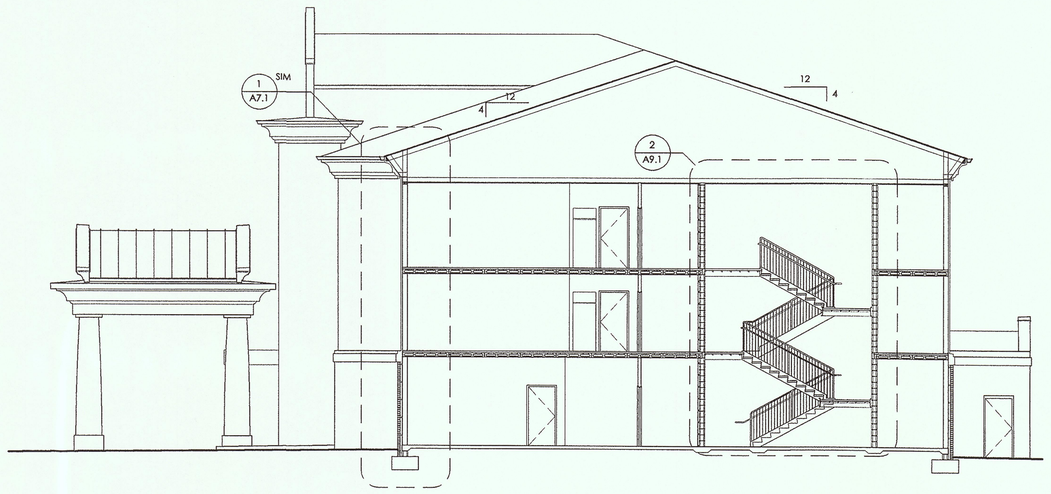
Project No. 05036



1 / A6.1 BUILDING SECTION
1/8" = 1'-0"



3 / A6.1 BUILDING SECTION
1/8" = 1'-0"



3 / A6.1 BUILDING SECTION
1/8" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
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HOTEL FOR
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Phone Number (865) 694-9000
FAX Number (865) 594-1680
E-MAIL Address copa@cope-associates.com

BUILDING SECTIONS

Drawn by: JTP
Checked by: MR
Date: 7/22/05

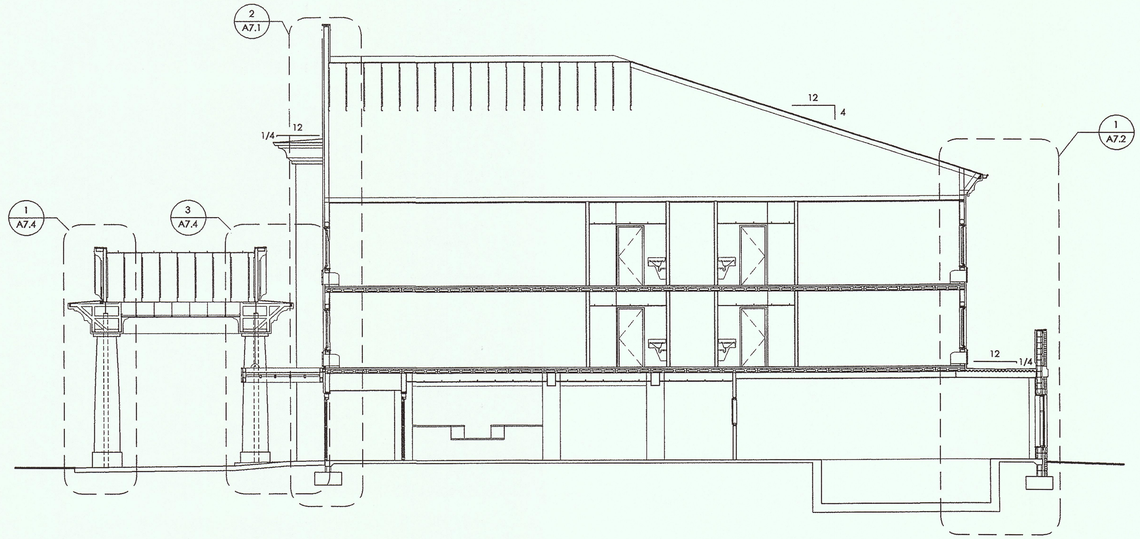
REVISIONS

No.	Date

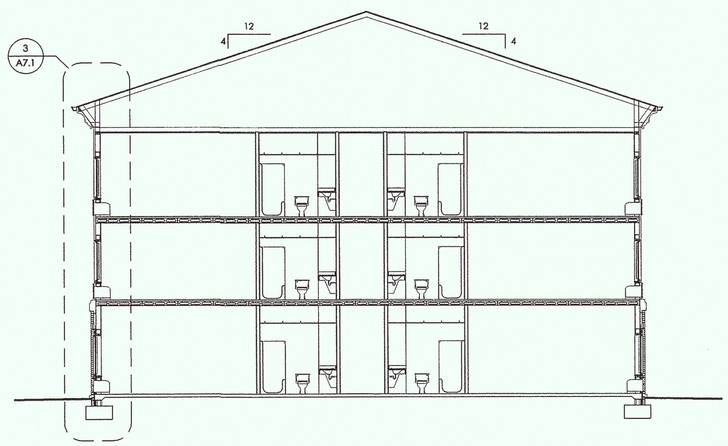
LANIS LEE COPE
REGISTERED ARCHITECT
COMMERCE
No. 12,418
STATE OF TENNESSEE
7/22/05

Dwg No.
A6.1

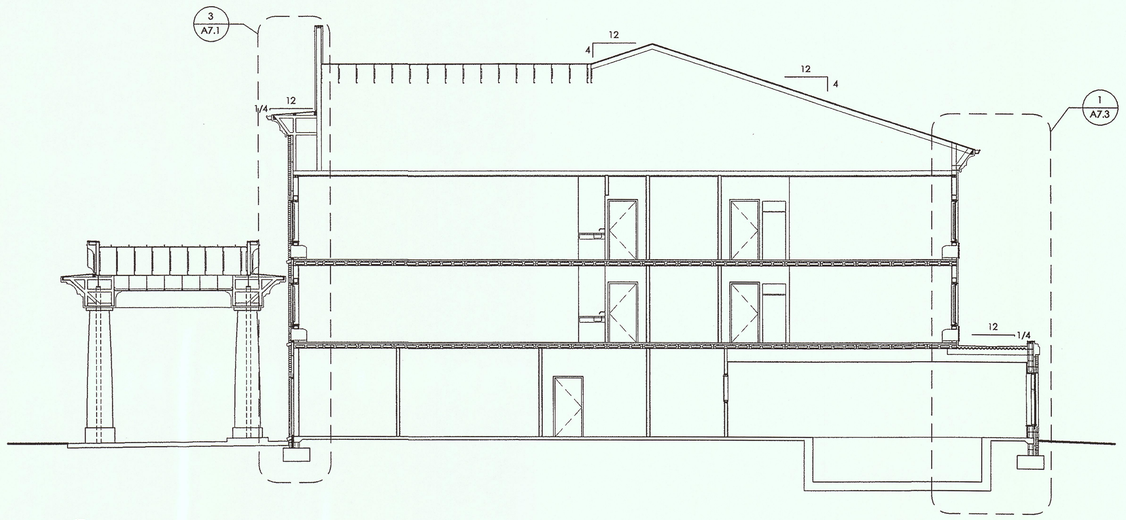
Project No. 05036



1 A6.2 BUILDING SECTION
1/8" = 1'-0"



3 A6.2 BUILDING SECTION
1/8" = 1'-0"



2 A6.2 BUILDING SECTION
1/8" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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FAX Number (865) 594-1660
E-MAIL Address cope@cope-associates.com

BUILDING SECTIONS

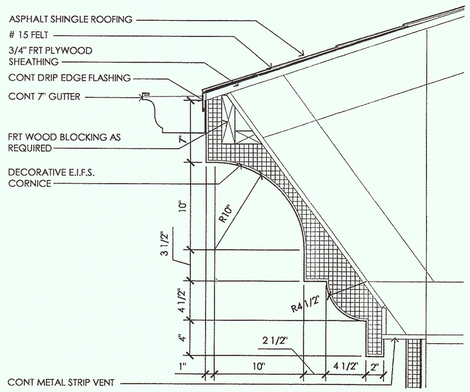
Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

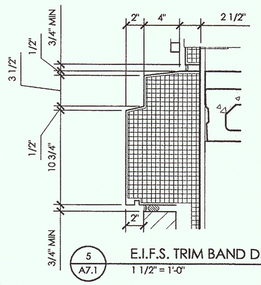
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
COMMERCE
No. 12,436
STATE OF TENNESSEE
7/22/05

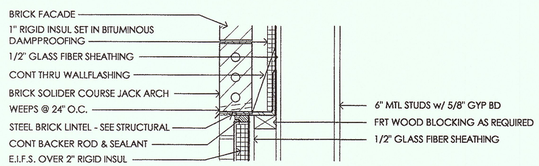
Dwg No.
A6.2
Project No. 05036



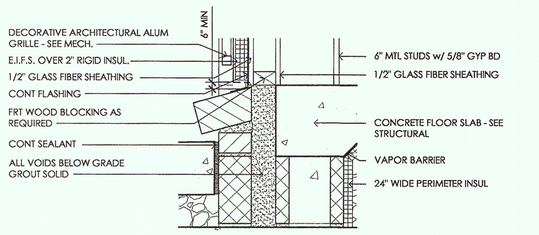
4 A7.1 CORNICE DETAIL
1 1/2" = 1'-0"



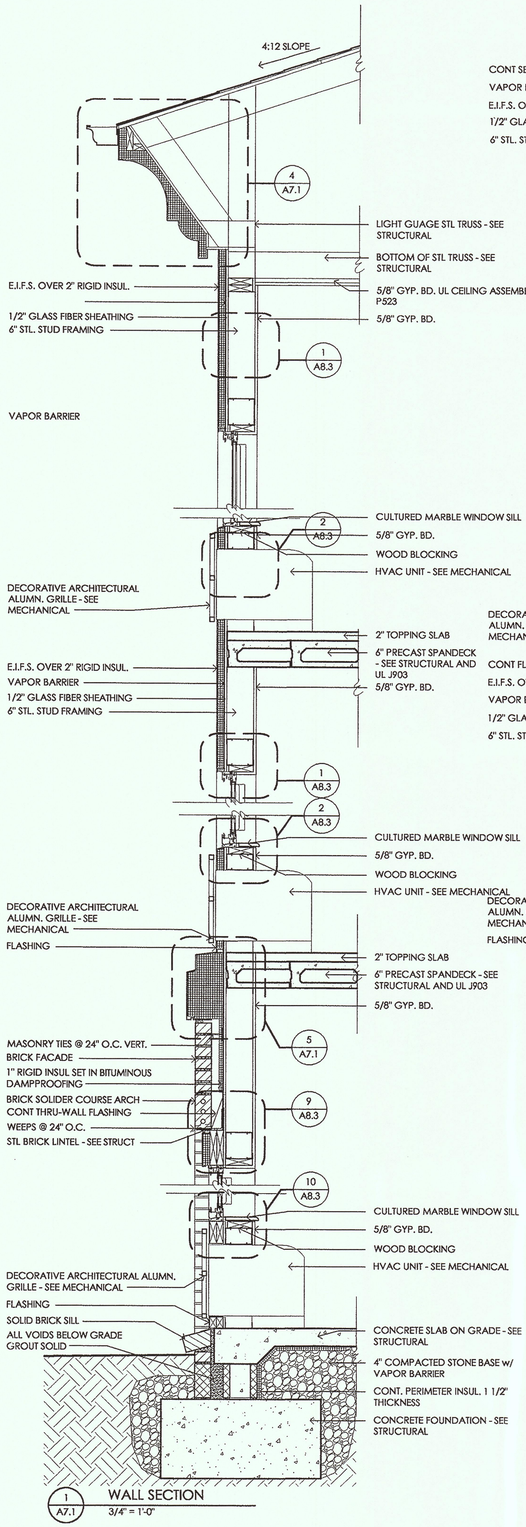
5 A7.1 E.I.F.S. TRIM BAND DETAIL
1 1/2" = 1'-0"



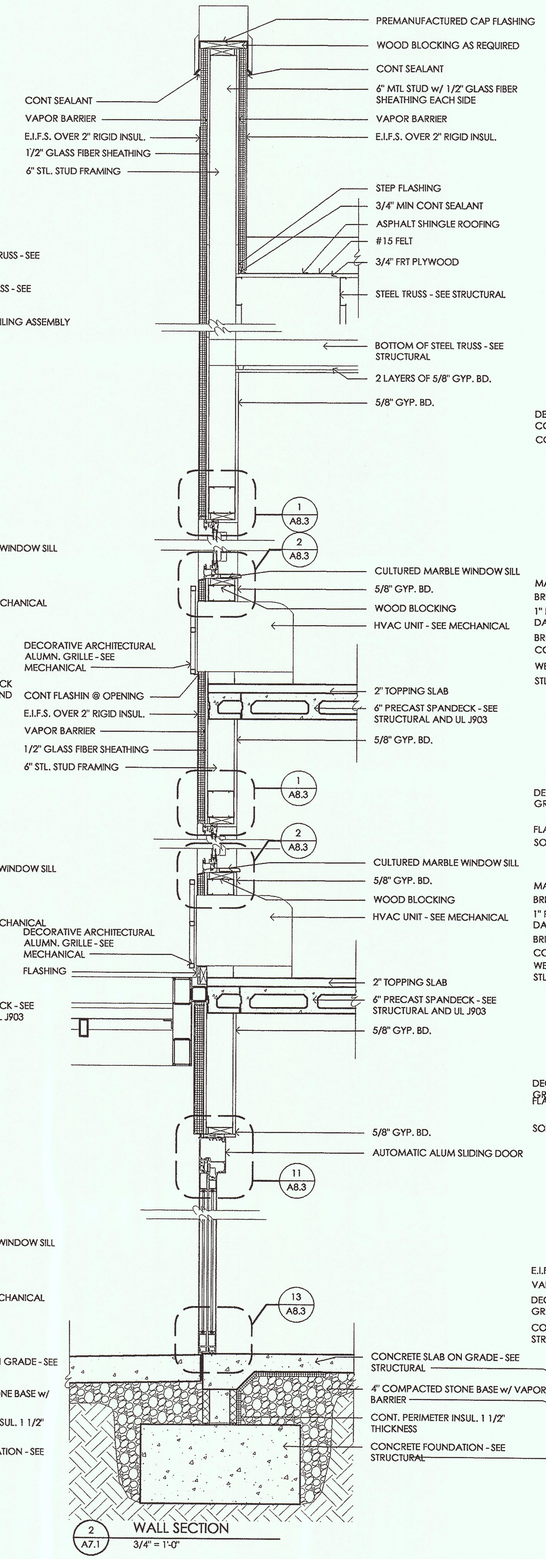
6 A7.1 E.I.F.S. HEAD DETAIL
1 1/2" = 1'-0"



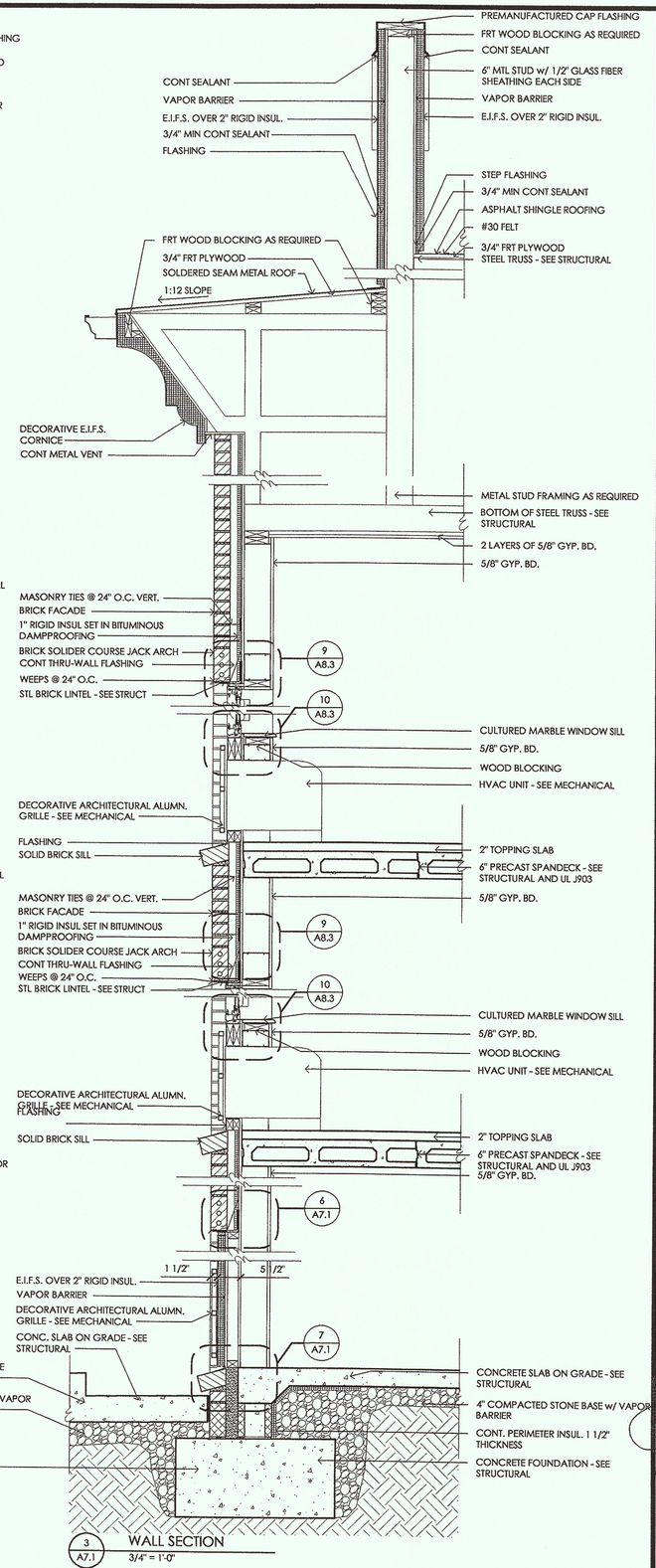
7 A7.1 E.I.F.S. SILL DETAIL
1 1/2" = 1'-0"



1 A7.1 WALL SECTION
3/4" = 1'-0"



2 A7.1 WALL SECTION
3/4" = 1'-0"



3 A7.1 WALL SECTION
3/4" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-6000
FAX Number (865) 594-1960
E-MAIL Address cope@cope-associates.com

WALL SECTIONS

Drawn by: JTP
Checked by: MR
Date: 7/22/05

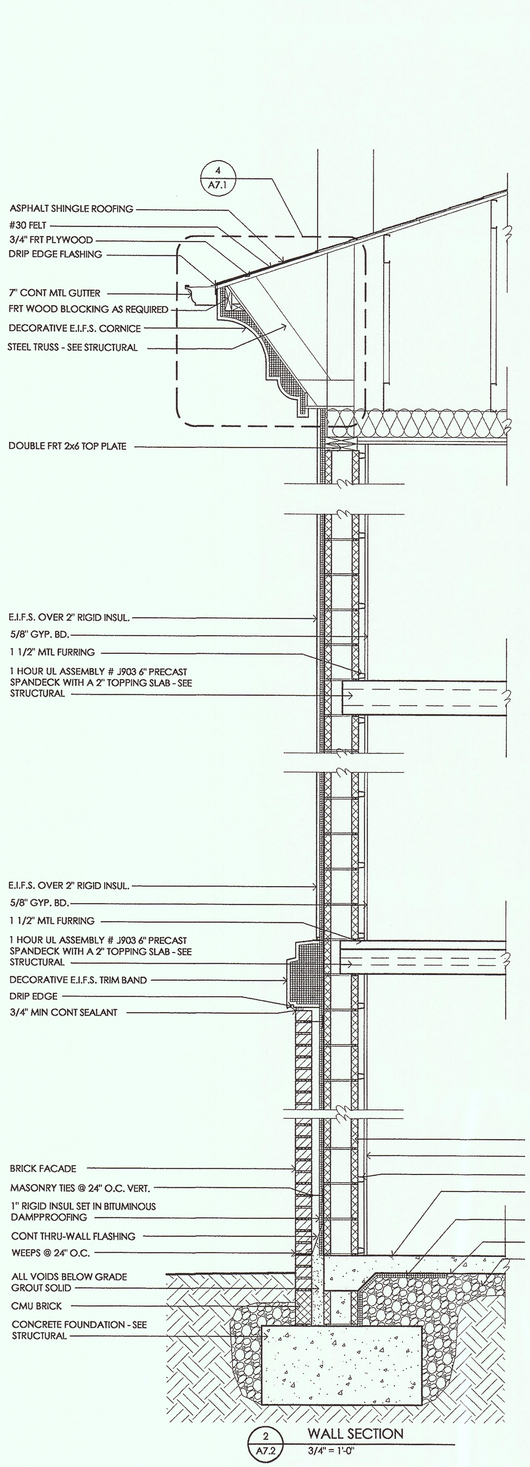
REVISIONS

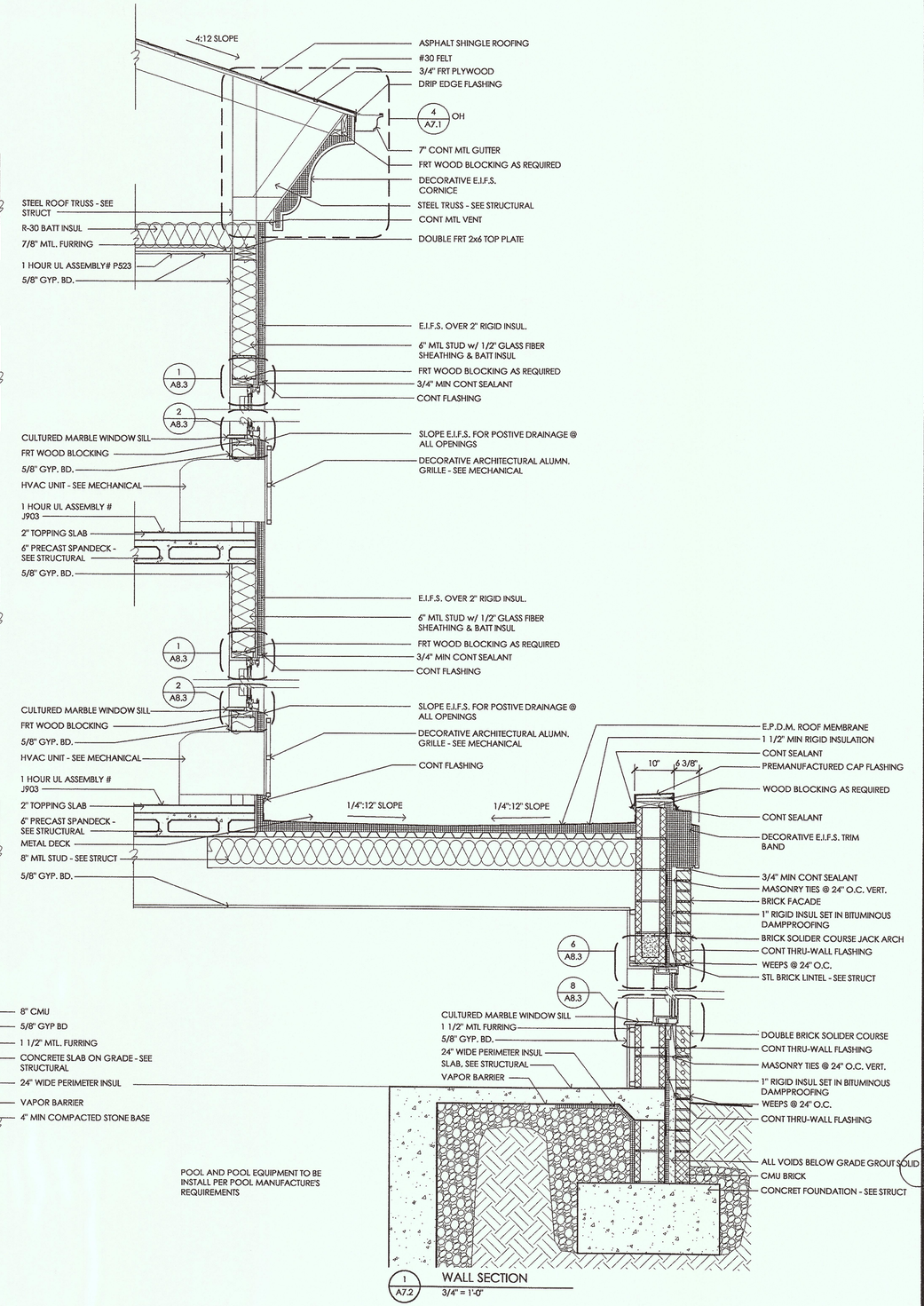
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
No. 12,438
STATE OF TENNESSEE

Dwg No. A7.1

Project No. 05036





POOL AND POOL EQUIPMENT TO BE INSTALL PER POOL MANUFACTURES REQUIREMENTS

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

coa associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1850
E-MAIL Address coa@coa-associates.com

WALL SECTIONS

Drawn by: JTP
Checked by: MR
Date: 7/22/05

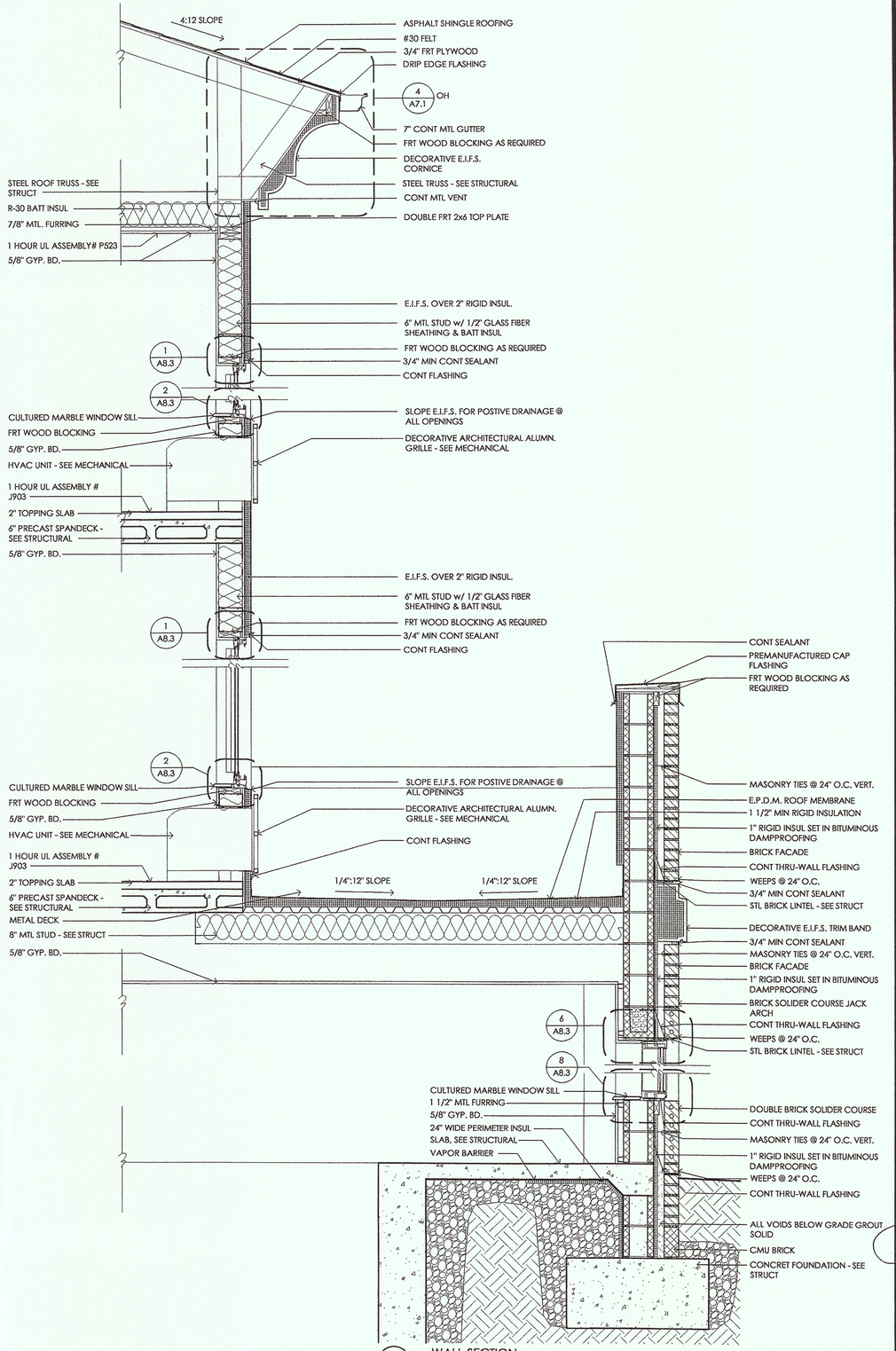
REVISIONS

No.	Date

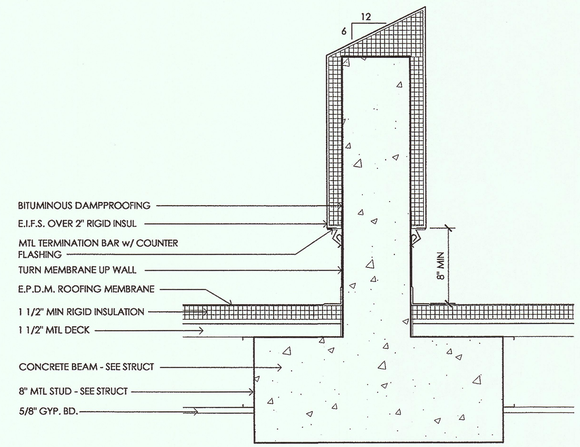
LANIS LEE COX
REGISTERED ARCHITECT
No. 12,436
STATE OF TENNESSEE

Dwg No. A7.2

Project No. 05036



1 A7.3 WALL SECTION
3/4" = 1'-0"



2 A7.3 BEAM DETAIL
1 1/2" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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2607 Kingston Pike, Suite 5
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Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

WALL SECTIONS

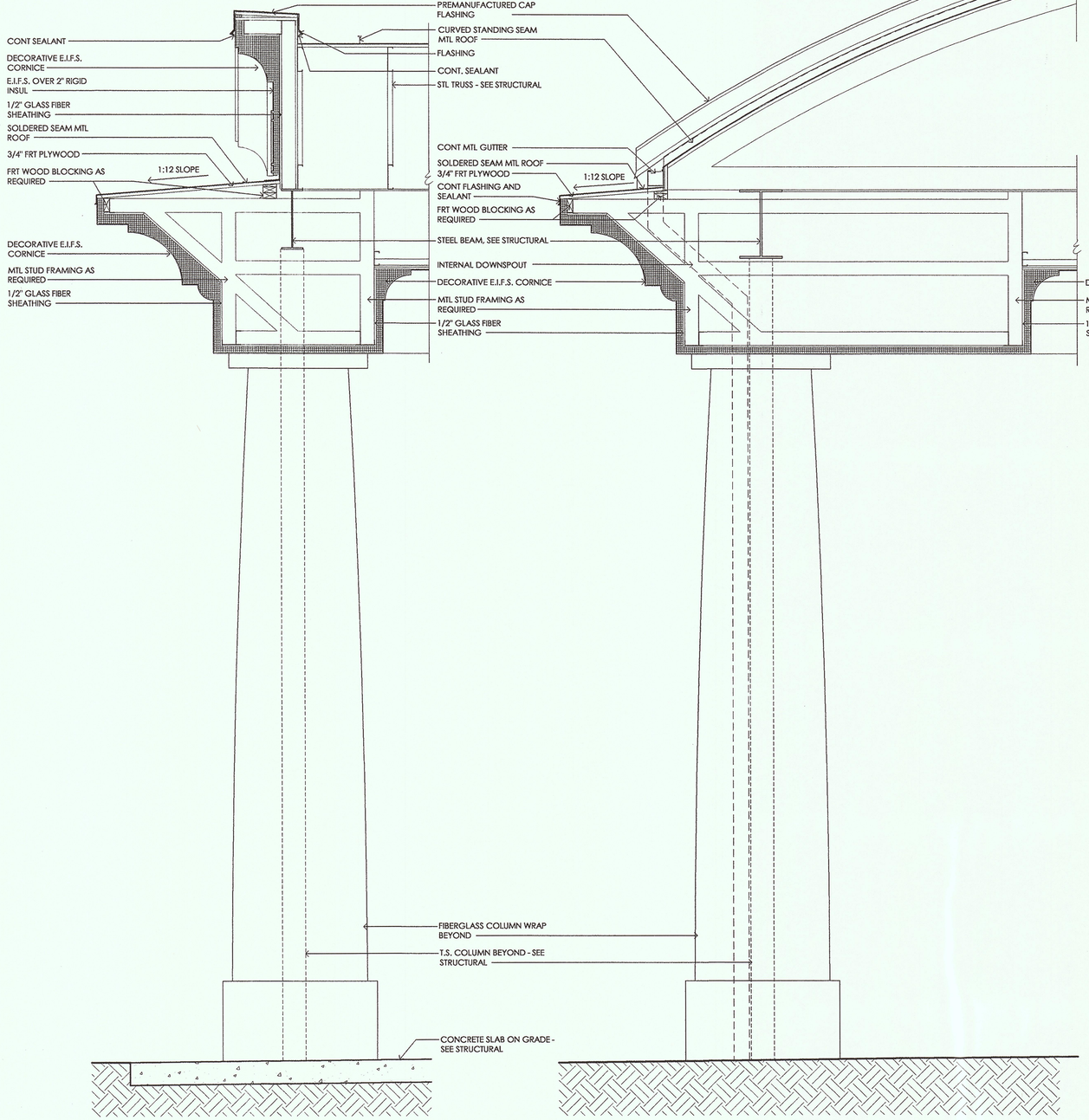
Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
COMMERCE
No. 12,436
STATE OF TENNESSEE
7/22/05

Dwg No.
A7.3
Project No. 05036



1 A7.4 WALL SECTION
3/4" = 1'-0"

2 A7.4 WALL SECTION
3/4" = 1'-0"

3 A7.4 WALL SECTION
3/4" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
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HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1660
E-MAIL Address cope@cope-associates.com

WALL SECTIONS

Drawn by: JTP
Checked by: MR
Date: 7/22/05

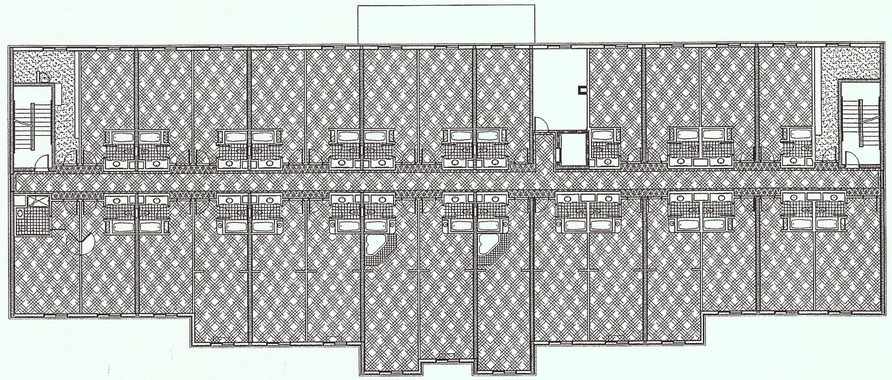
REVISIONS

No.	Date

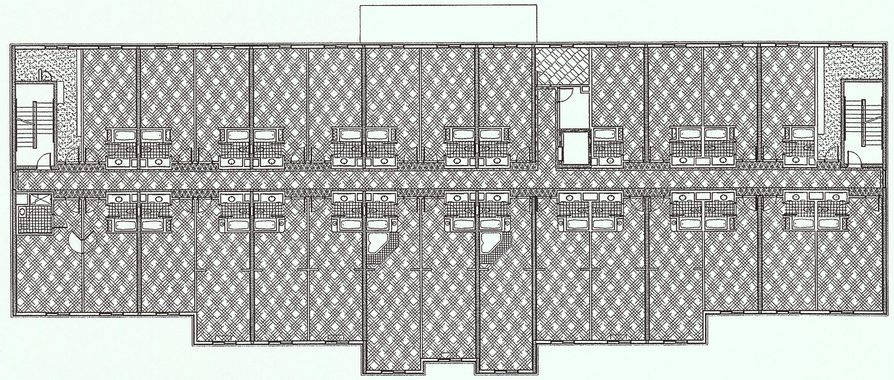
LANIS LEE COPE REGISTERED ARCHITECT NUMBER No. 12436 STATE OF TENNESSEE
7-22-05

Dwg No.
A7.4

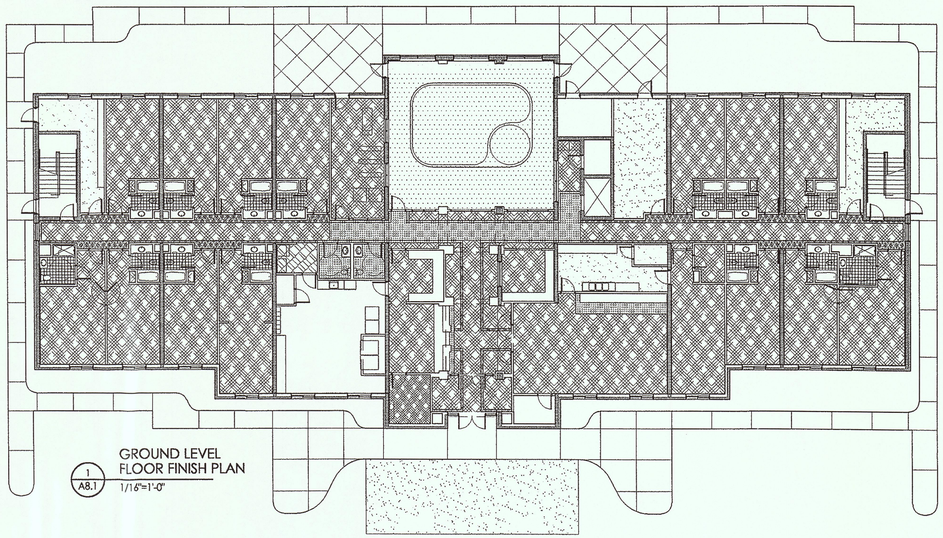
Project No. 05036



3 A8.1 THIRD FLOOR FINISH PLAN
1/16"=1'-0"



2 A8.1 SECOND LEVEL FLOOR FINISH PLAN
1/16"=1'-0"



1 A8.1 GROUND LEVEL FLOOR FINISH PLAN
1/16"=1'-0"

LEGEND
CARPET 1
CARPET 2
6 X 6 CERAMIC TILE
8 X 8 CERAMIC TILE
VINYL TILE
CONCRETE, LIGHT BRUSHED FINISH
SEALED CONCRETE FLOOR
8 X 8 QUARRY TILE

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FAX Number (865) 694-1860
E-MAIL Address coa@coa-associates.com

FLOOR FINISH PLANS

Drawn by: CC
Checked by: MR
Date: 7/22/05

REVISIONS

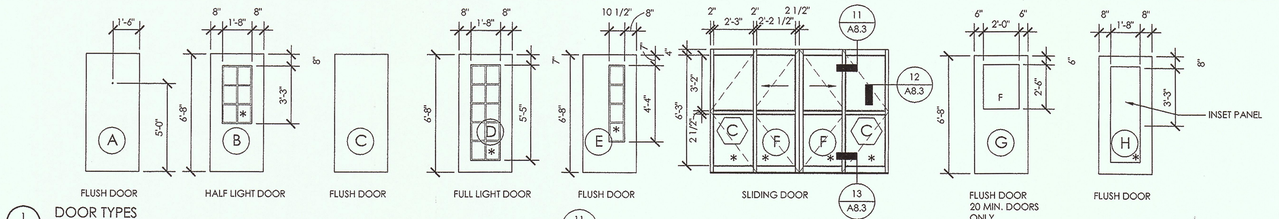
No.	Date

LANIS LEE COX
REGISTERED ARCHITECT
COMMERCE
NO. 12,436
STATE OF TENNESSEE
7/22/05

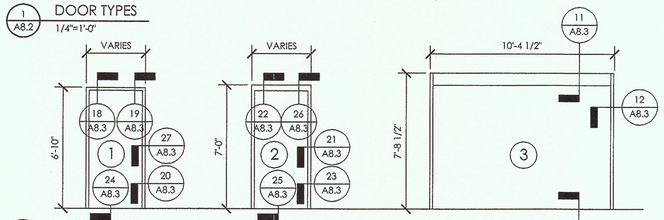
Dwg No.
A 8.1
Project No. 05036

DOOR AND FRAME SCHEDULE

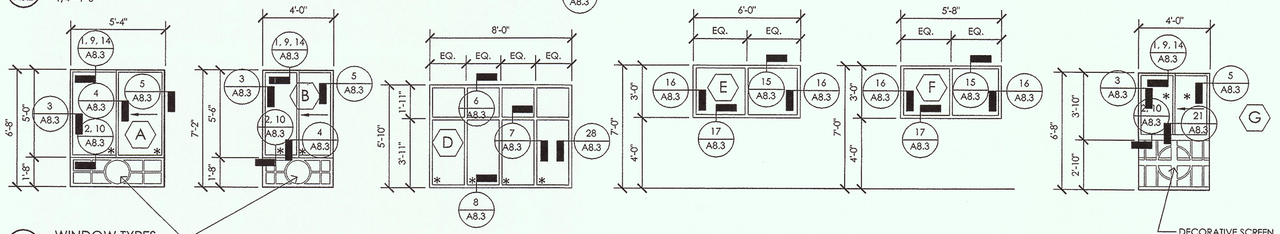
DOOR NO.	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	THK	MATL	TYPE	LVS	FRAME MATL	FRAME TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS THRESH	HARDWARE SET NO.	HARDWARE KEYSIDE ROOM NO.	HARDWARE FIRE LABEL	NOTES
FIRST FLOOR															
101A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	132	20min	one-way view port
101B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	7	101	1hr	-
102A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	9	132	45min	-
103A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	132	20min	one-way view port
103B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	20	24	7	103	1hr	-
104A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	132	20min	one-way view port
105A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	132	20min	one-way view port
106A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	132	20min	one-way view port
107A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	10	132	20min	-
108A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	132	20min	one-way view port
109A	6'-0"	6'-8"	1 3/4"	WD	E	2	HM	1	18	27	24	11	115	20min	kick plates, electric hold-open device, 180degree hinges
110A	3'-0"	6'-8"	1 3/4"	HM	C	1	HM	1	18	27	24	9	132	45min	-
110B	3'-0"	6'-8"	1 3/4"	HM	H	1	HM	2	22	23	25	1	EXT	-	-
111A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	109	20min	kick plates
111B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	26	21	24	16	107	-	-
112A	3'-0"	6'-8"	1 3/4"	HM	H	1	HM	2	22	23	25	2	EXT	20min	-
114A	3'-0"	6'-8"	1 3/4"	HM	B	1	HM	1	18	27	24	13	134	20min	-
114B	3'-0"	6'-8"	1 3/4"	FRP	D	1	HM	1	22	23	25	3	EXT	-	-
114C	3'-0"	6'-8"	1 3/4"	FRP	D	1	HM	1	22	23	25	3	EXT	-	-
115A	6'-0"	7'-0"	1 3/4"	HM	F	2	HM	3	11	12	13	5	155	-	electronic sliding
119A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	16	134	-	-
120A	3'-0"	6'-8"	1 3/4"	HM	B	1	HM	1	18	27	24	13	117	20min	-
120B	3'-0"	6'-8"	1 3/4"	HM	D	1	HM	1	22	23	25	3	EXT	-	-
121A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	160	45min	-
121B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	26	21	24	12	119	20min	-
122A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
123A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
124A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
125A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
126A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
127A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
127B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	19	20	24	7	127	1hr	-
128A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
129A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	133	20min	one-way view port
129B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	19	20	24	7	129	1hr	-
130A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	133	45min	-
130B	3'-0"	6'-8"	1 3/4"	HM	D	1	HM	1	22	23	25	4	EXT	-	-
															-
141A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
143A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
144A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
145A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
146A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
147A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	16	-	-	-
148A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
149A	3'-0"	6'-8"	1 3/4"	HM	C	1	HM	1	18	27	24	16	-	45min	-
151A	2'-8"	6'-8"	1 3/4"	HM	C	1	HM	1	18	27	24	16	111	-	-
152A	3'-0"	6'-8"	1 3/4"	HM	C	1	HM	1	26	21	24	9	131	60min	-
155A	6'-0"	7'-0"	1 3/4"	HM	F	2	HM	3	11	12	25	5	EXT	-	electronic sliding
156A	3'-0"	6'-8"	1 3/4"	HM	C	1	HM	1	18	27	24	16	121	-	-
157A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	117	20min	-
158A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	14	133	20min	-
159A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	14	133	20min	-
162A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
163A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
164A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
165A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
166A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
167A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
168A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
169A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
															-
S01A	3'-0"	7'-0"	1 3/4"	HM	D	1	HM	2	22	23	25	3	EXT	-	-
S01B	3'-0"	7'-0"	1 3/4"	WD	C	1	HM	1	21	26	24	15	-	60min	450degree TEMP RISE
S02A	3'-0"	7'-0"	1 3/4"	HM	D	1	HM	2	22	23	25	3	EXT	-	-
S02B	3'-0"	7'-0"	1 3/4"	WD	C	1	HM	1	21	26	24	15	-	60min	450degree TEMP RISE
SECOND FLOOR															
201A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
202A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	232	45min	-
203A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
204A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
205A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
206A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
207A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
208A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
209A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
210A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
211A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	232	20min	one-way view port
212A	3'-0"	6'-8"	1 3/4"	WD	G	1	HM	1	18	27	24	10	231	45min	-
213A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
214A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
215A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
216A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
217A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
218A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
219A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
220A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
221A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
222A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
223A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
224A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
225A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
228A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
227A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
227B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	19	20	24	7	227	1hr	-
228A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
229A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	233	20min	one-way view port
229B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	19	20	24	7	229	1hr	-
230A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	233	45min	-
															-
241A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
242A	2'-8"	6'-8"	1 3/4"	HM	C	1	HM	1	18	27	24	12	231	45min	-
243A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
244A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
245A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
246A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
247A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
248A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
249A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
250A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
251A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
253A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
254A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
255A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
256A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
257A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
258A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
259A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
260A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
261A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
262A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
263A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
264A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
265A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
266A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
267A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
268A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
269A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
												8			450degree TEMP RISE
S01C	3'-0"	7'-0"	1 3/4"	WD	C	1	HM	1	21	26	24	15	-	60min	450degree TEMP RISE
S02C	3'-0"	7'0"	1 3/4"	WD	C	1	HM	1	21	26	24	15	-	60min	450degree TEMP RISE



1 A8.2 DOOR TYPES
1/4"=1'-0"



2 A8.2 FRAME TYPES
1/4"=1'-0"



3 A8.2 WINDOW TYPES
1/4"=1'-0"

NOTE:
1. OPERABLE WINDOWS IN GUEST ROOMS NEED TO HAVE STOPS SO THAT THE WINDOW OPENS NO MORE THAN 4 INCHES

2. UNLESS OTHERWISE NOTED, SHAPES IN DOORS IS GLAZING

* = DENOTES TEMPERED GLAZING

F = GLAZING REQUIRING FIRE RATED GLASS

DOOR AND FRAME SCHEDULE

DOOR NO.	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	THK	MATL	TYPE	LVS	FRAME MATL	FRAME TYPE	DETAILS HEAD	DETAILS JAMB	DETAILS THRESH	HARDWARE SET NO.	HARDWARE KEYSIDE ROOM NO.	HARDWARE FIRE LABEL	NOTES
THIRD FLOOR															
301A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
302A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	332	45min	-
303A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
304A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
305A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
306A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
307A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
308A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
309A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
310A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
311A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
312A	3'-0"	6'-8"	1 3/4"	HM	C	1	HM	1	18	27	24	12	331	45min	-
313A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
314A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
315A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	332	20min	one-way view port
316A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
317A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
318A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
319A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
320A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
321A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
322A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
323A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
324A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
325A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
326A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
327A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	19	20	24	6	333	20min	one-way view port
327B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	7	327	1hr	1HR
328A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	27	24	6	333	20min	one-way view port
329A	3'-0"	6'-8"	1 3/4"	WD	A	1	HM	1	18	20	24	6	333	20min	one-way view port
329B	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	7	329	1hr	1HR
330A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	12	333	45min	-
															-
341A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	6	-	-	-
343A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
344A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
345A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
346A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
347A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
348A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
349A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
350A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
351A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
353A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
354A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
355A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
356A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
357A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
358A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
359A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
360A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
361A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
362A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
363A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
364A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
365A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
366A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
367A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
368A	2'-8"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
368A	3'-0"	6'-8"	1 3/4"	WD	C	1	HM	1	18	27	24	8	-	-	-
															-
S01D	3'-0"	7'-0"	1 3/4"	WD	C	1	HM	1	21	26	24	15	-	60min	450degree TEMP RISE
S02D	3'-0"	7'-0"	1 3/4"	WD	C	C	HM	1	21	26	24	15	-	60min	450degree TEMP RISE

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1880
E-MAIL Address cope@cope-associates.com

DOOR & WINDOW ELEVATIONS
DOOR SCHEDULE

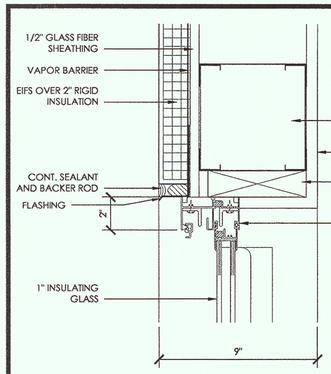
Drawn by: CC
Checked by: MR
Date: 7/22/05

REVISIONS

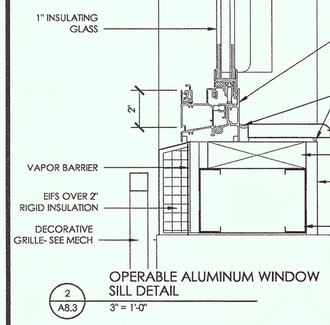
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
COMMERCE
NO. 12,435
STATE OF TENNESSEE

Dwg No.
A8.2
Project No. 05036



1 A8.3 — OPERABLE ALUMINUM WINDOW HEAD DETAIL
3" = 1'-0"



2 A8.3 — OPERABLE ALUMINUM WINDOW SILL DETAIL
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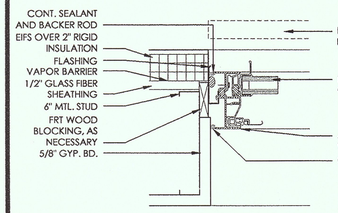

3 A8.3 — ALUMINUM WINDOW JAMB DETAIL
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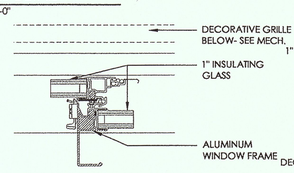
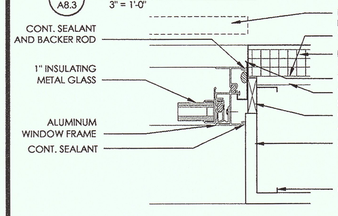


4 A8.3 — ALUMINUM WINDOW VERTICAL MULLION DETAIL
3" = 1'-0"



5 A8.3 — ALUMINUM WINDOW JAMB DETAIL
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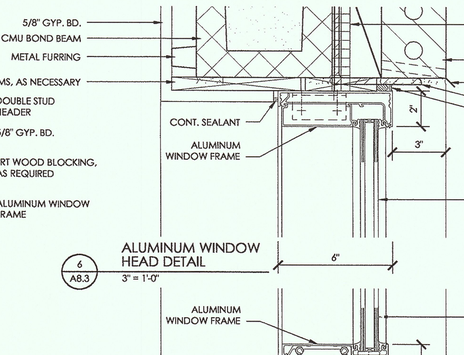

6 A8.3 — ALUMINUM WINDOW HEAD DETAIL
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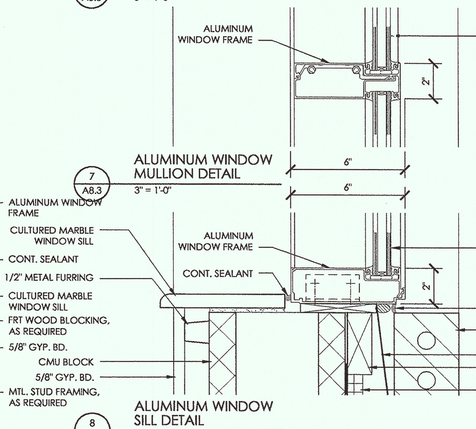

7 A8.3 — ALUMINUM WINDOW MULLION DETAIL
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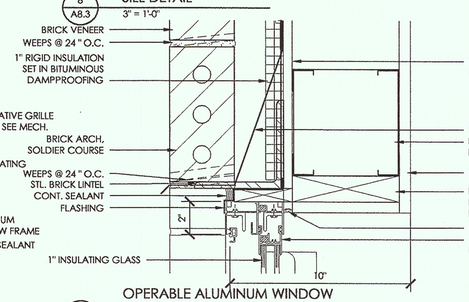

8 A8.3 — ALUMINUM WINDOW SILL DETAIL
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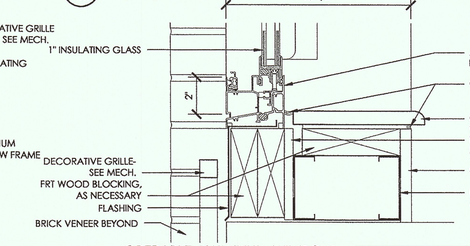

9 A8.3 — OPERABLE ALUMINUM WINDOW HEAD DETAIL
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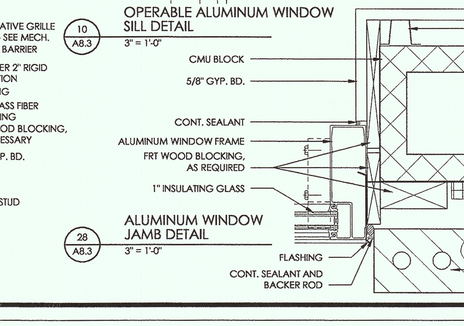
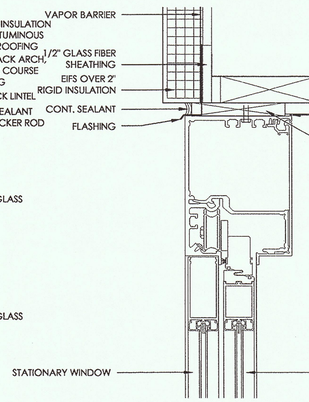
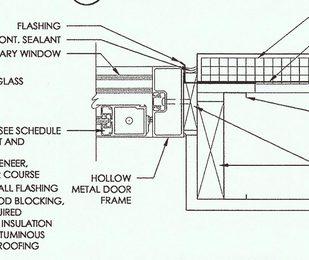


28 A8.3 — ALUMINUM WINDOW JAMB DETAIL
3" = 1'-0"



11 A8.3 — ALUMINUM SLIDING DOOR HEAD DETAIL
3" = 1'-0"



12 A8.3 — ALUMINUM SLIDING DOOR JAMB DETAIL
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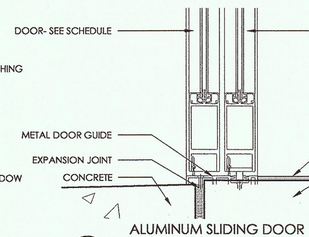
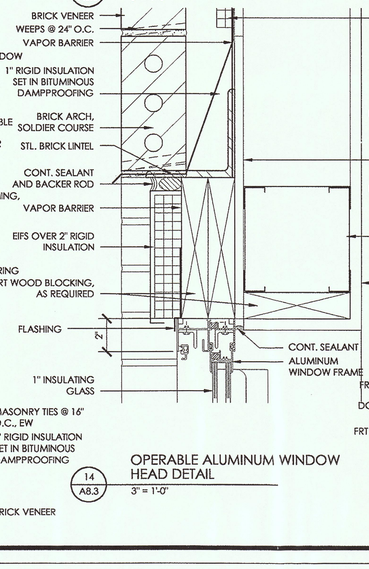
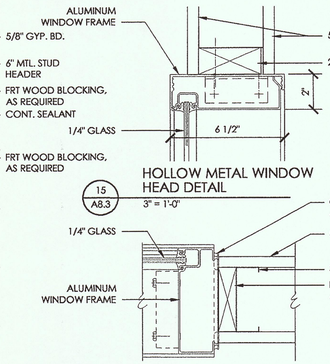


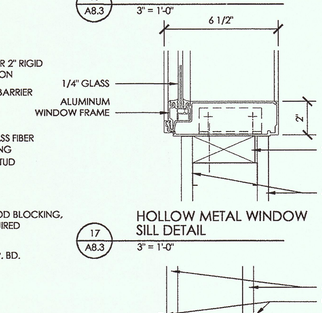
13 A8.3 — ALUMINUM SLIDING DOOR THRESHOLD DETAIL
3" = 1'-0"



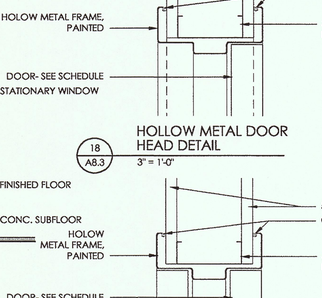
14 A8.3 — OPERABLE ALUMINUM WINDOW HEAD DETAIL
3" = 1'-0"



15 A8.3 — HOLLOW METAL WINDOW HEAD DETAIL
3" = 1'-0"

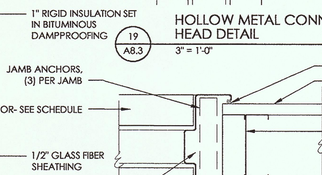


16 A8.3 — HOLLOW METAL WINDOW JAMB DETAIL
3" = 1'-0"

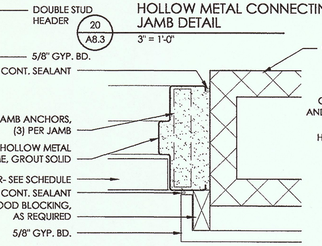


17 A8.3 — HOLLOW METAL WINDOW SILL DETAIL
3" = 1'-0"

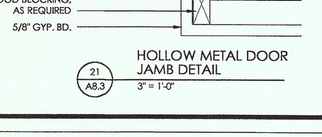
18 A8.3 — HOLLOW METAL DOOR HEAD DETAIL
3" = 1'-0"



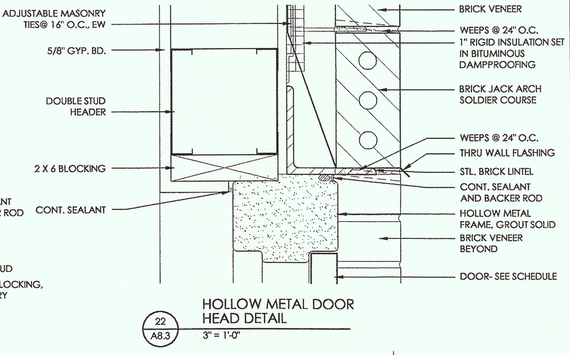
19 A8.3 — HOLLOW METAL CONNECTING DOOR HEAD DETAIL
3" = 1'-0"



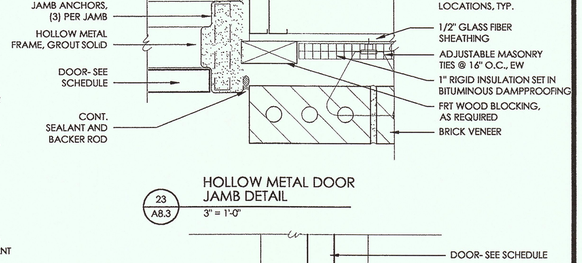
20 A8.3 — HOLLOW METAL CONNECTING DOOR JAMB DETAIL
3" = 1'-0"



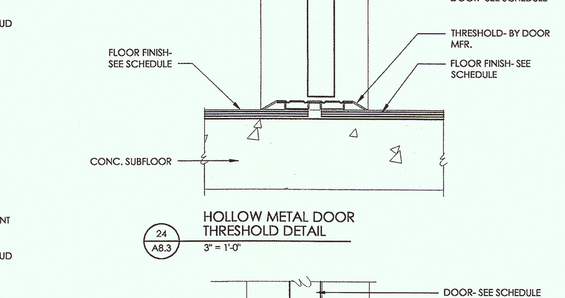
21 A8.3 — HOLLOW METAL DOOR JAMB DETAIL
3" = 1'-0"



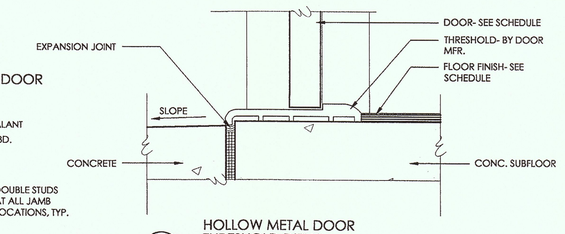
22 A8.3 — HOLLOW METAL DOOR HEAD DETAIL
3" = 1'-0"



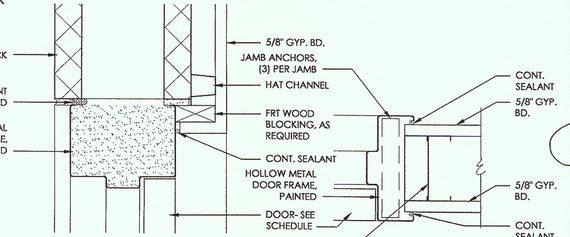
23 A8.3 — HOLLOW METAL DOOR JAMB DETAIL
3" = 1'-0"



24 A8.3 — HOLLOW METAL DOOR THRESHOLD DETAIL
3" = 1'-0"



25 A8.3 — HOLLOW METAL DOOR THRESHOLD DETAIL
3" = 1'-0"



26 A8.3 — HOLLOW METAL DOOR HEAD DETAIL
3" = 1'-0"

27 A8.3 — HOLLOW METAL DOOR JAMB DETAIL
3" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

copa associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 694-1660
E-MAIL Address copa@copa-associates.com

DOOR & WINDOW DETAILS

Drawn by: CC
Checked by: MR
Date: 7/22/05

REVISIONS

No.	Date

LANIS LEE COPA
REGISTERED ARCHITECT
No. 14436
STATE OF TENNESSEE
7/22/05

Dwg No.
A8.3

Project No. 05036

ROOM AND FINISH SCHEDULE

ROOMS		FLOORS		BASE				WALL FINISH				MILLWORK		CEILING		REMARKS
		MATERIAL												MATERIAL		
NO.	NAME	Main	Accent	North	South	East	West	North	South	East	West	Vertical	Horiz	Main	Accent	
FIRST FLOOR																
101	ELECTRICAL	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
102	ELECTRICAL	VCT						PT	PT	PT	PT		WD	NONE		
103	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
104	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
105	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
106	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
107	MEETING ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT	GYP	
108	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
109	BREAKFAST AREA	CPT 1	CT	RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	ACT	GYP	
110	MECHANICAL ROOM	VCT						PT	PT	PT	PT			NONE		
111	PANTRY	VCT						PT	PT	PT	PT	WD	SS	NONE		
112	STORAGE	CONC						PT	PT	PT	PT			NONE		
113	TELEPHONE/BUSINESS AREA	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	PL2	ACT	GYP	
114	POOL	CONC						PT	PT	PT	PT			SATF		
115	MAIN LOBBY	CPT 1	CPT 2, CT	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT	GYP	
117	FRONT DESK			RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	ACT	GYP	
119	FRONT OFFICE			RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	ACT		
120	FITNESS							PT	PT	PT	PT			ACT		
121	LAUNDRY/HOUSEKEEPING							PT	PT	PT	PT	WD	SS	NONE		
122	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
123	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
124	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
125	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
126	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
127	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
128	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
129	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
130	HOUSEKEEPING	VCT						PT	PT	PT	PT		WD	NONE		
131	ELEVATOR HALL	CPT 1	CT, CT2,	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT		
132	CORRIDOR	CPT 1	CPT 2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT		
133	CORRIDOR	CPT 1	CPT 2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT		
134	CORRIDOR	CPT 1, CT	CPT 2, CT2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT	GYP	
141	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
143	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
144	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
145	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
146	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
147	CLOSET	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT		
148	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
149	STORAGE	CONC						PT	PT	PT	PT			NONE		
151	CLOSET	VCT						PT	PT	PT	PT			ACT		
152	ELEVATOR EQUIPMENT	CONC						PT	PT	PT	PT			NONE		
155	VESTIBULE	CPT 1	CPT2, CT					VWC	VWC	VWC	VWC			GYP		
156	MECHANICAL ROOM	VCT						PT	PT	PT	PT			NONE		
157	GM SALES OFFICE	CPT 1						PT	PT	PT	PT			ACT		
158	TOILET	CT		CT	CT	CT	CT	CT, VWC	CT, VWC	CT, VWC	CT, VWC	SS	SS	ACT		
159	TOILET	CT		CT	CT	CT	CT	CT, VWC	CT, VWC	CT, VWC	CT, VWC	SS	SS	ACT		
160	VEND-ING	CT		RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT		
161	DRYERS	CONC						PT	PT	PT	PT			NONE		
162	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
163	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
164	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
165	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
166	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
167	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
168	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
169	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
S01	STAIRS	CONC						PT	PT	PT	PT			NONE		
S02	STAIRS	CONC						PT	PT	PT	PT			NONE		

ROOM AND FINISH SCHEDULE

ROOMS		FLOORS		BASE				WALL FINISH				MILLWORK		CEILING		REMARKS
		MATERIAL												MATERIAL		
NO.	NAME	Main	Accent	North	South	East	West	North	South	East	West	Vertical	Horiz	Main	Accent	
SECOND FLOOR																
201	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF	GYP	
202	HOUSEKEEPING	VCT						PT	PT	PT	PT	PL1, SS	SS	NONE		
203	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
204	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
205	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
206	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
207	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
208	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
209	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
210	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
211	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
212	GUEST LAUNDRY	QT		RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT		
213	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
214	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
215	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
216	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
217	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
218	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
219	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
220	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
221	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
222	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
223	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	SATF		
224	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
225	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
226	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
227	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
228	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
229	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			SATF		
230	HOUSEKEEPING	VCT						PT	PT	PT	PT		WD	NONE		
231	ELEVATOR HALL	CPT 1	CPT2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT		
232	CORRIDOR	CPT 1	CPT2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT	GYP	
233	CORRIDOR	CPT 1	CPT2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			ACT	GYP	
241	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
242	STORAGE	CONC						PT	PT	PT	PT			NONE		
243	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
244	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
245	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
246	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
247	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
248	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
249	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
250	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
251	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
253	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
254	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
255	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
256	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
257	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
259	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
260	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
261	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
262	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
263	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
264	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
265	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
266	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
267	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
268	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
269	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	ACT		
S01	STAIR	CONC						PT	PT	PT	PT			NONE		
S02	STAIR	CONC						PT	PT	PT	PT			NONE		

ROOM AND FINISH SCHEDULE

ROOMS		FLOORS		BASE				WALL FINISH				MILLWORK		CEILING		REMARKS
		MATERIAL												MATERIAL		
NO.	NAME	Main	Accent	North	South	East	West	North	South	East	West	Vertical	Horiz	Main	Accent	
THIRD FLOOR																
301	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
302	HOUSEKEEPING	VCT						PT	PT	PT	PT		SS	GYP		
303	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
304	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
305	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
306	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
307	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
308	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
309	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
310	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
311	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
312	STORAGE	CONC						PT	PT	PT	PT			GYP		
313	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
314	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
315	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
316	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
317	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
318	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
319	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
320	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
321	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
322	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
323	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC	WD	SS	GYP	GYP	
324	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
325	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
326	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
327	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
328	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
329	GUEST ROOM	CPT 1		RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
330	HOUSEKEEPING	VCT						PT	PT	PT	PT		WD	GYP		
331	ELEVATOR HALL	CPT 1	CPT2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP		
332	CORRIDOR	CPT 1	CPT2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
333	CORRIDOR	CPT 1	CPT2	RB	RB	RB	RB	VWC	VWC	VWC	VWC			GYP	GYP	
341	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
342	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
344	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
345	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
346	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
347	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
348	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
349	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
350	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
351	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
352	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
353	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
354	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
355	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
356	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
357	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
358	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
359	TOILET	CT		CT	CT	CT	CT	VWC	VWC	VWC	VWC	SS	SS	GYP		
S01	STAIR	CONC						PT	PT	PT	PT			GYP		
S02	STAIR	CONC						PT	PT	PT	PT			GYP		

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc
architecture

2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919

Phone Number (865) 694-9000
FAX Number (865) 594-1860
E-MAIL Address cope@cope-associates.com

ROOM FINISH SCHEDULE

Drawn by: CC

Checked by: MR

Date: 7/22/05

REVISIONS

No.	Date

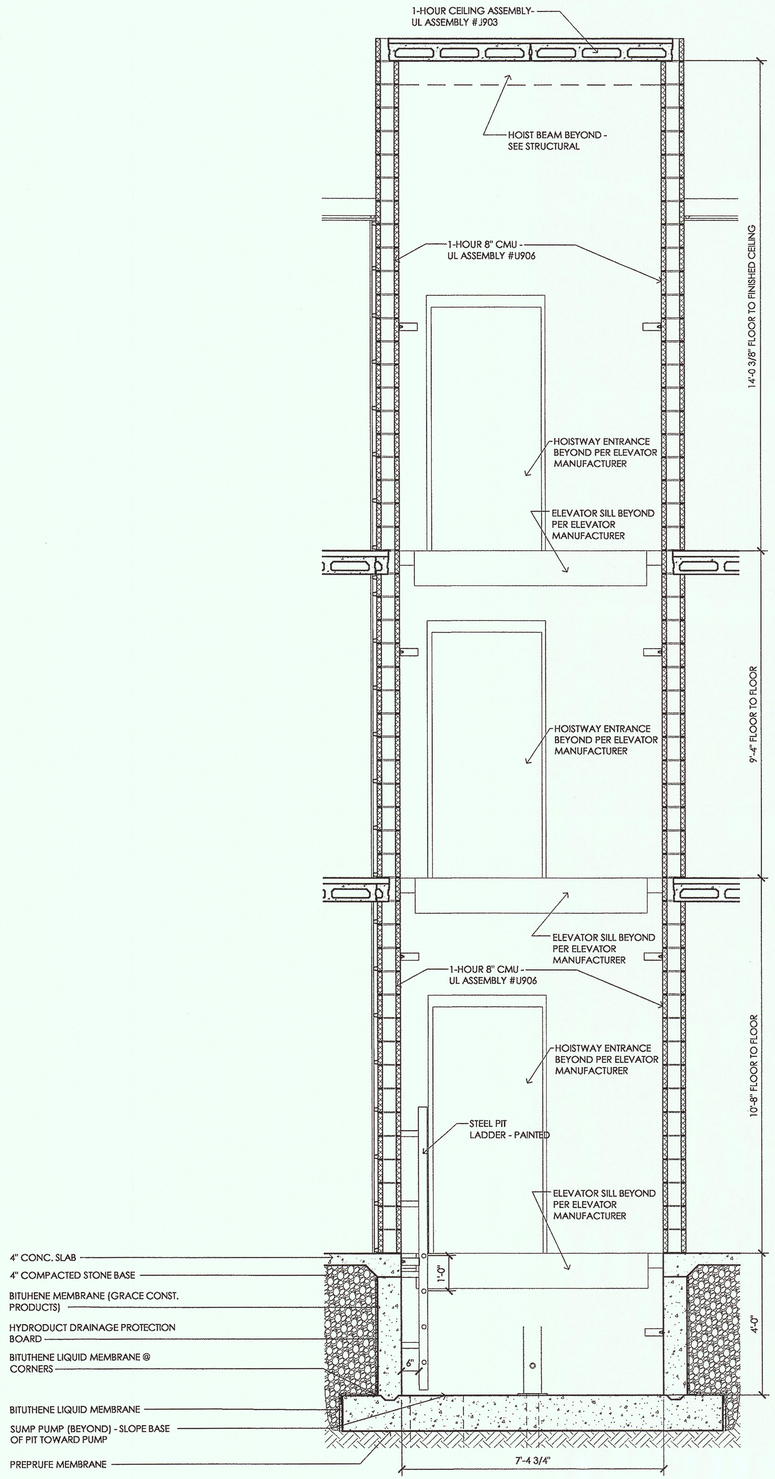
LANIS LEE COPE
REGISTERED ARCHITECT
COMMERCIAL
No. 12,416
STATE OF TENNESSEE

7/22/05

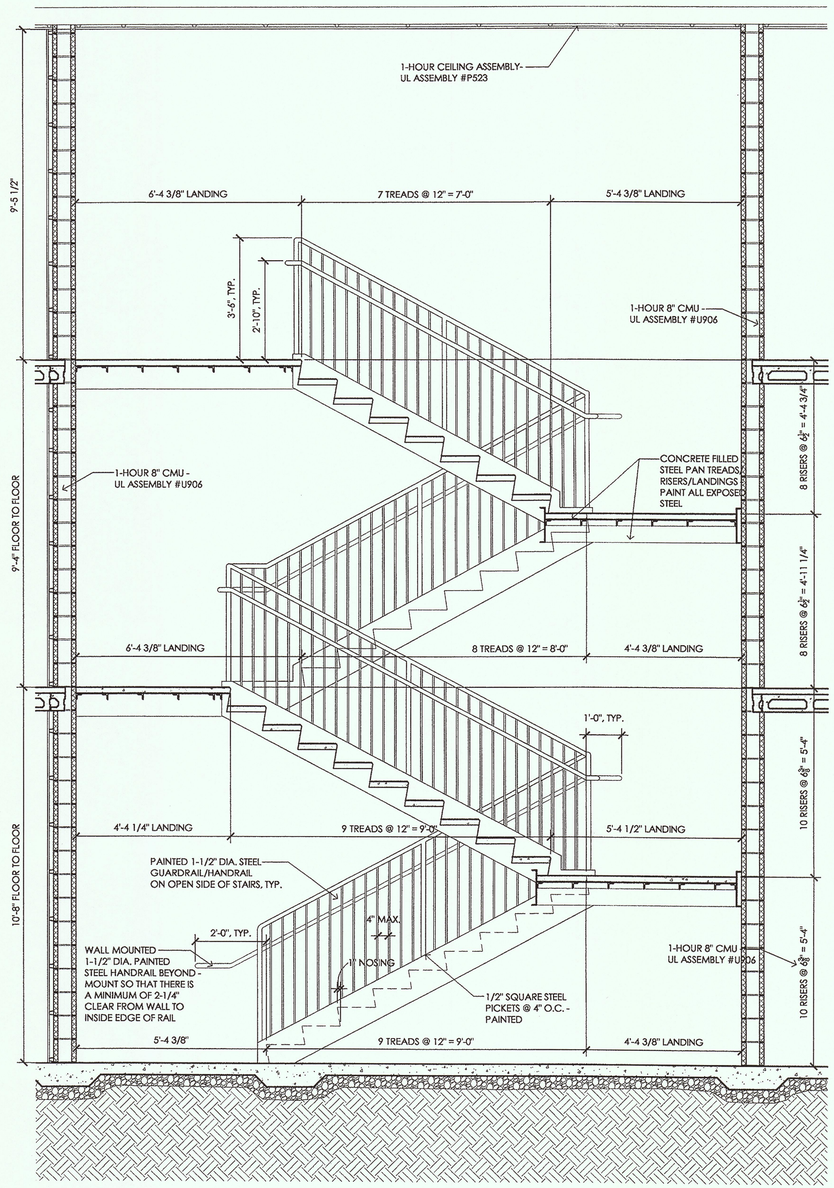
Dwg No.

A 8.4

Project No. 05036



1 A9.1 ELEVATOR SECTION
1/2"=1'-0"



2 A9.1 TYPICAL STAIR SECTION
1/2"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
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SHASHI PATEL

copa associates inc architecture
2807 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-4600
E-MAIL Address copa@copa-associates.com

VERTICAL CIRCULATION
PLANS AND SECTIONS

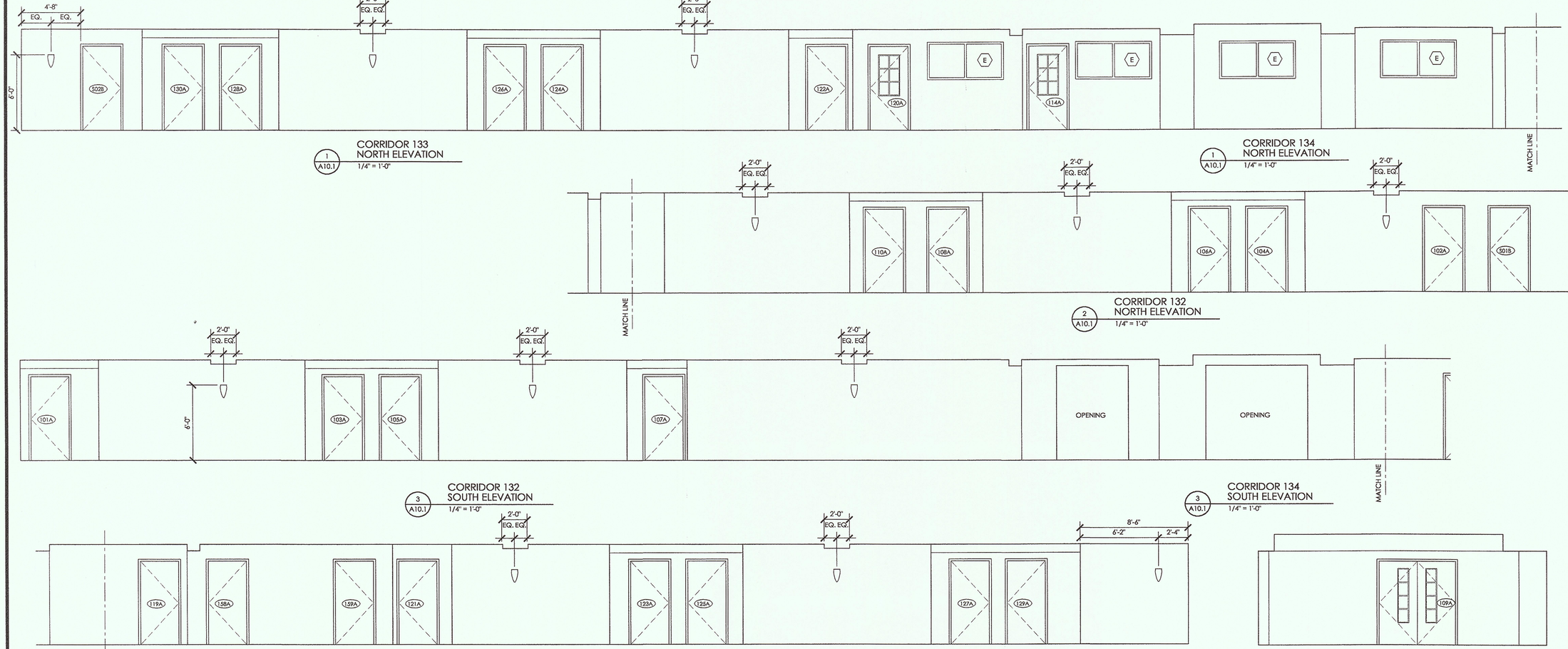
Drawn by: JTP
Checked by: MR
Date: 7/22/05

REVISIONS

No.	Date

LANIS LEE COPA
REGISTERED ARCHITECT
CERTIFICATE
No. 17,436
STATE OF TENNESSEE
1/22/05

Dwg No.
A9.1
Project No. 05036



1 A10.1 CORRIDOR 133 NORTH ELEVATION
1/4" = 1'-0"

1 A10.1 CORRIDOR 134 NORTH ELEVATION
1/4" = 1'-0"

2 A10.1 CORRIDOR 132 NORTH ELEVATION
1/4" = 1'-0"

3 A10.1 CORRIDOR 132 SOUTH ELEVATION
1/4" = 1'-0"

3 A10.1 CORRIDOR 134 SOUTH ELEVATION
1/4" = 1'-0"

4 A10.1 CORRIDOR 133 SOUTH ELEVATION
1/4" = 1'-0"

5 A10.1 BREAKFAST AREA 109 WEST ELEVATION
1/4" = 1'-0"

6 A10.1 BREAKFAST AREA 109 NORTH ELEVATION
1/4" = 1'-0"

7 A10.1 BREAKFAST AREA 109 EAST ELEVATION
1/4" = 1'-0"

8 A10.1 BREAKFAST AREA 109 SOUTH ELEVATION
1/4" = 1'-0"

10 A10.1 LAUNDRY HOUSEKEEPING 121 SOUTH ELEVATION
1/4" = 1'-0"

11 A10.1 LAUNDRY HOUSEKEEPING 121 WEST ELEVATION
1/4" = 1'-0"

12 A10.1 LAUNDRY HOUSEKEEPING 121 NORTH ELEVATION
1/4" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 594-1860
E-MAIL Address cope@cope-associates.com

INTERIOR ELEVATIONS

Drawn by: CC, TW
Checked by: MR
Date: 7/22/05

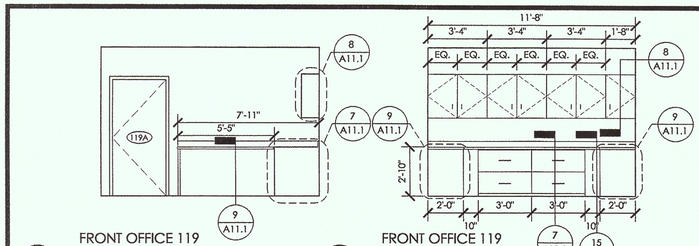
REVISIONS

No.	Date

LANIS LEE COPE REGISTERED ARCHITECT No. 12,416 STATE OF TENNESSEE 7-22-05

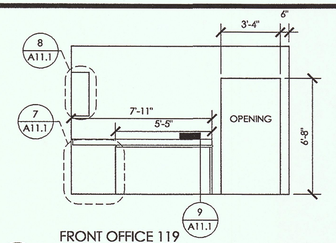
Dwg No. A10.1

Project No. 05036

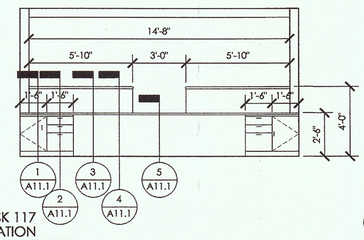


1 A10.2 FRONT OFFICE 119 SOUTH ELEVATION
1/4" = 1'-0"

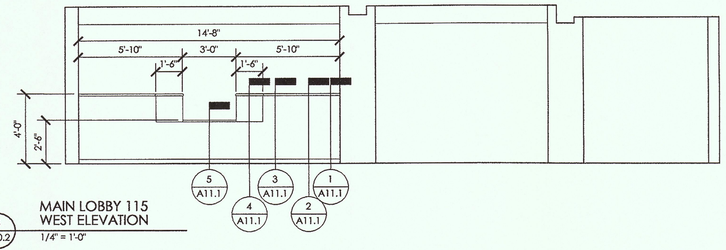
2 A10.2 FRONT OFFICE 119 EAST ELEVATION
1/4" = 1'-0"



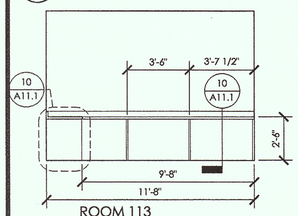
3 A10.2 FRONT OFFICE 119 NORTH ELEVATION
1/4" = 1'-0"



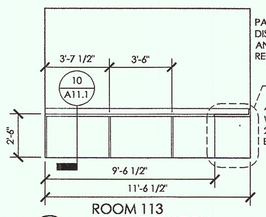
4 A10.2 FRONT DESK 117 EAST ELEVATION
1/4" = 1'-0"



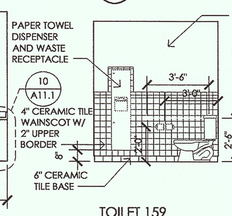
5 A10.2 MAIN LOBBY 115 WEST ELEVATION
1/4" = 1'-0"



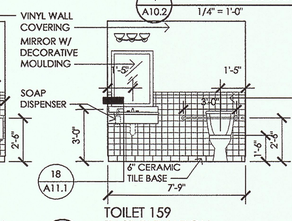
6 A10.2 ROOM 113 NORTH ELEVATION
1/4" = 1'-0"



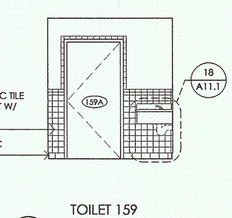
6 A10.2 ROOM 113 SOUTH ELEVATION
1/4" = 1'-0"



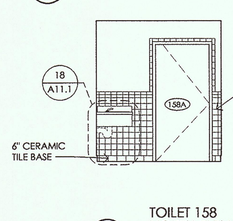
7 A10.2 TOILET 159 SOUTH ELEVATION
1/4" = 1'-0"



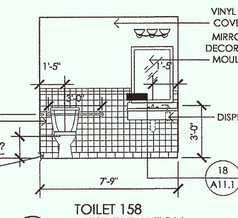
8 A10.2 TOILET 159 EAST ELEVATION
1/4" = 1'-0"



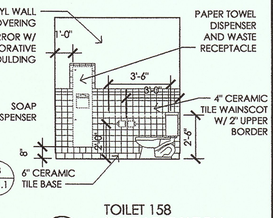
9 A10.2 TOILET 159 NORTH ELEVATION
1/4" = 1'-0"



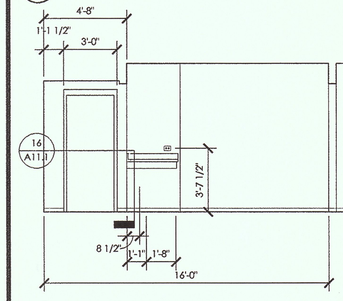
10 A10.2 TOILET 158 NORTH ELEVATION
1/4" = 1'-0"



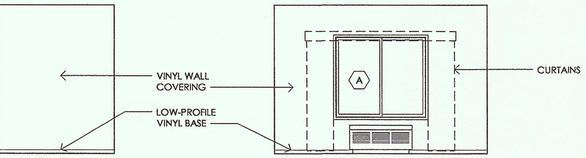
11 A10.2 TOILET 158 WEST ELEVATION
1/4" = 1'-0"



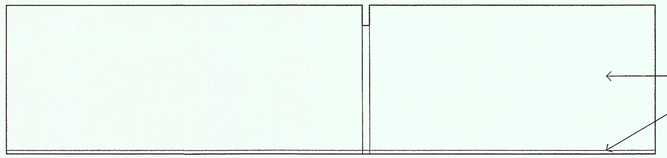
12 A10.2 TOILET 158 SOUTH ELEVATION
1/4" = 1'-0"



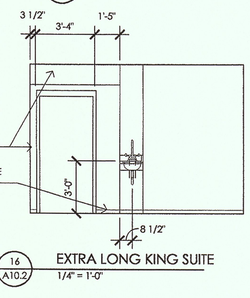
13 A10.2 EXTRA LONG KING SUITE
1/4" = 1'-0"



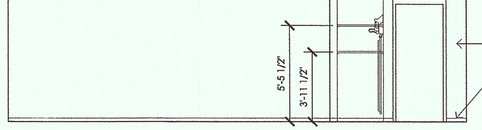
14 A10.2 EXTRA LONG KING SUITE
1/4" = 1'-0"



15 A10.2 EXTRA LONG KING SUITE
1/4" = 1'-0"



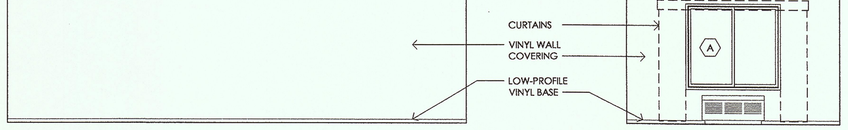
16 A10.2 EXTRA LONG KING SUITE
1/4" = 1'-0"



17 A10.2 KING SUITE
1/4" = 1'-0"

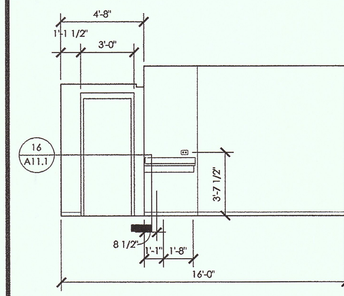


18 A10.2 KING SUITE
1/4" = 1'-0"

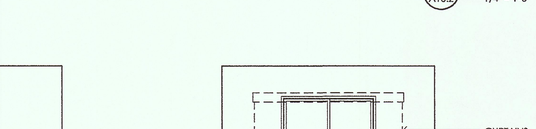


19 A10.2 KING SUITE
1/4" = 1'-0"

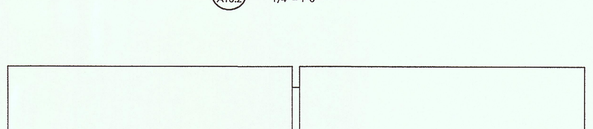
20 A10.2 KING SUITE
1/4" = 1'-0"



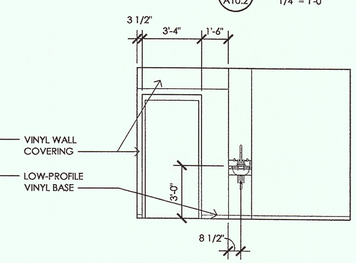
21 A10.2 EXTRA LONG DOUBLE SUITE
1/4" = 1'-0"



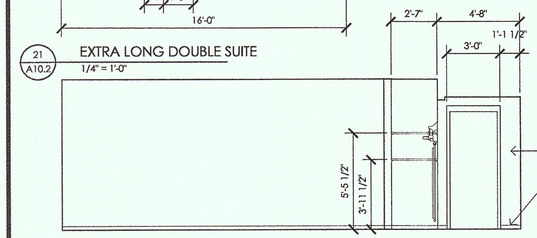
22 A10.2 EXTRA LONG DOUBLE SUITE
1/4" = 1'-0"



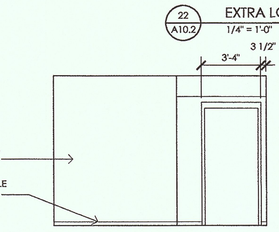
23 A10.2 EXTRA LONG DOUBLE SUITE
1/4" = 1'-0"



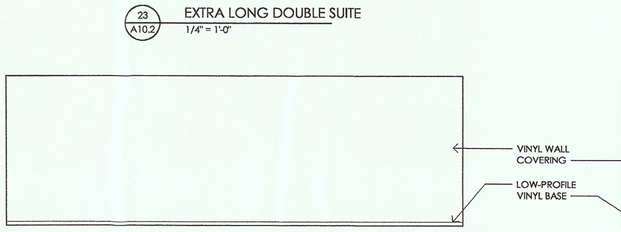
24 A10.2 EXTRA LONG DOUBLE SUITE
1/4" = 1'-0"



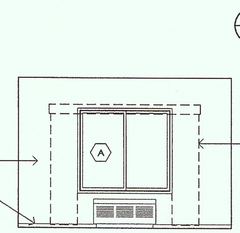
25 A10.2 DOUBLE SUITE
1/4" = 1'-0"



26 A10.2 DOUBLE SUITE
1/4" = 1'-0"



27 A10.2 DOUBLE SUITE
1/4" = 1'-0"



28 A10.2 DOUBLE SUITE
1/4" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
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Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 594-1860
E-MAIL Address cope@cope-associates.com

INTERIOR ELEVATIONS

Drawn by: CC, TW
Checked by: MR
Date: 7/22/05

REVISIONS

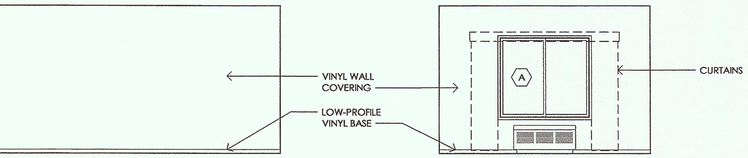
No.	Date

LANIS LEE COPE
REGISTERED ARCHITECT
COMMISSION No. 12,438
STATE OF TENNESSEE
7/22/05

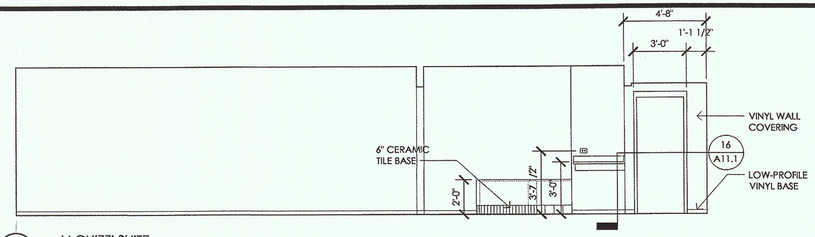
Dwg No.
A10.2
Project No. 05036



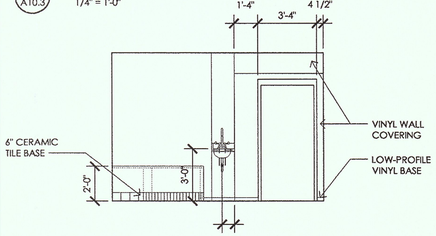
1 A10.3 JACUIZZI SUITE
1/4" = 1'-0"



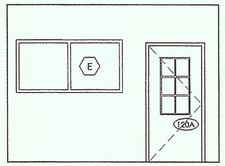
2 A10.3 JACUIZZI SUITE
1/4" = 1'-0"



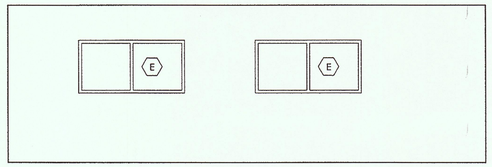
3 A10.3 JACUIZZI SUITE
1/4" = 1'-0"



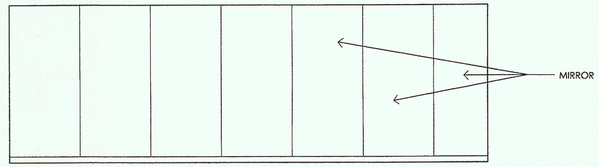
4 A10.3 JACUIZZI SUITE
1/4" = 1'-0"



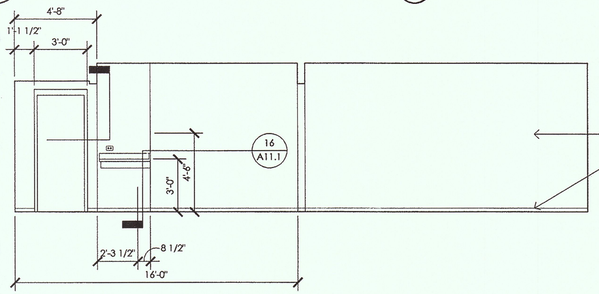
5 A10.3 FITNESS CENTER 120
SOUTH ELEVATION
1/4" = 1'-0"



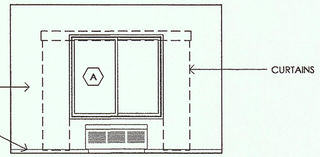
6 A10.3 FITNESS CENTER 120
EAST ELEVATION
1/4" = 1'-0"



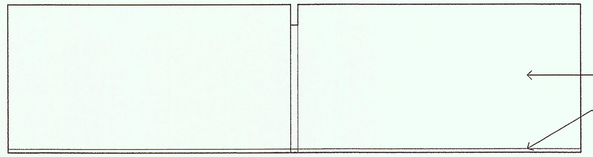
7 A10.3 FITNESS CENTER 120
WEST ELEVATION
1/4" = 1'-0"



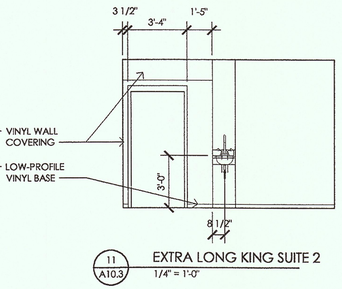
8 A10.3 EXTRA LONG KING SUITE 2
1/4" = 1'-0"



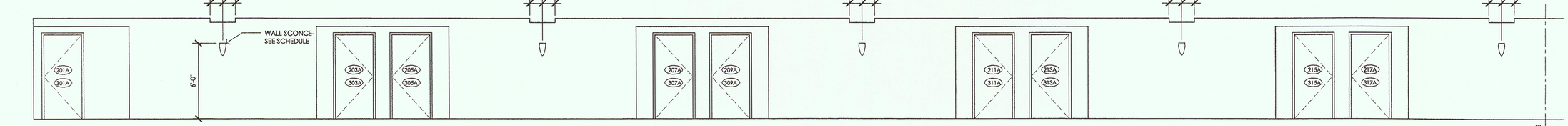
9 A10.3 EXTRA LONG KING SUITE 2
1/4" = 1'-0"



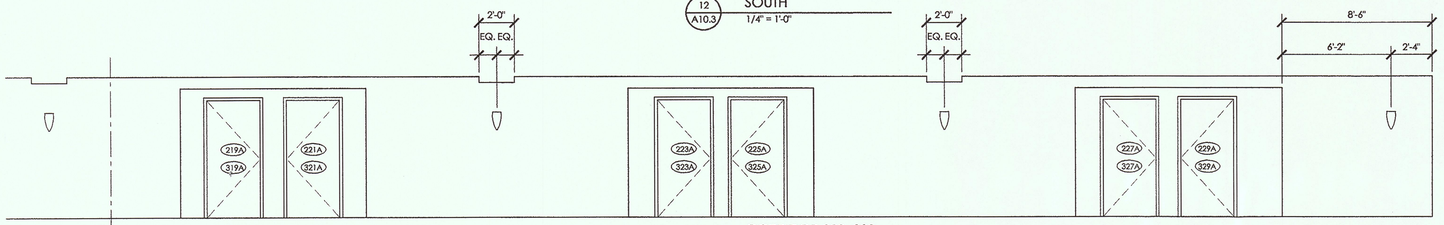
10 A10.3 EXTRA LONG KING SUITE 2
1/4" = 1'-0"



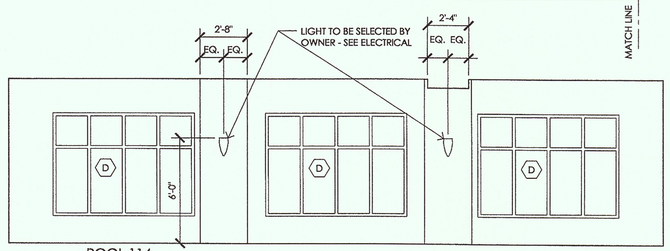
11 A10.3 EXTRA LONG KING SUITE 2
1/4" = 1'-0"



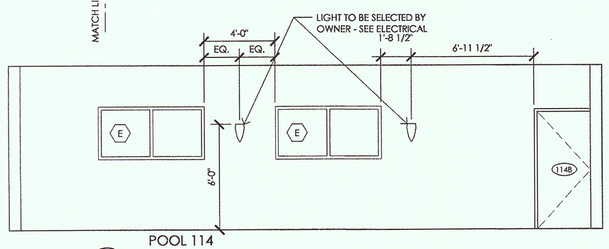
12 A10.3 CORRIDOR 232, 332
SOUTH
1/4" = 1'-0"



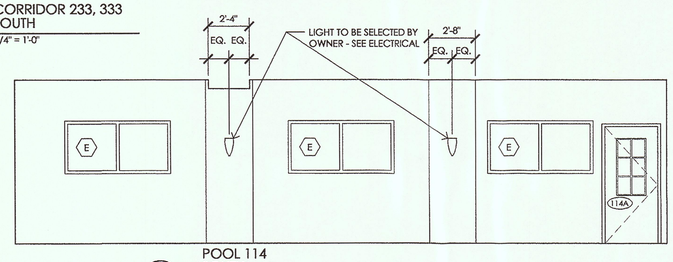
13 A10.3 CORRIDOR 233, 333
SOUTH
1/4" = 1'-0"



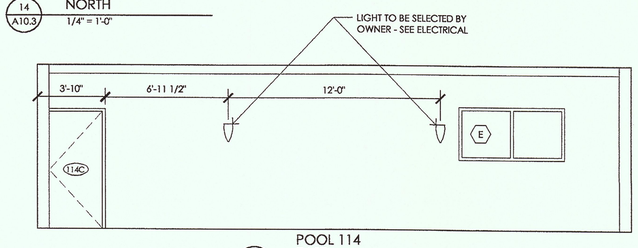
14 A10.3 POOL 114
NORTH
1/4" = 1'-0"



15 A10.3 POOL 114
WEST
1/4" = 1'-0"



16 A10.3 POOL 114
SOUTH
1/4" = 1'-0"



17 A10.3 POOL 114
EAST
1/4" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc
architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

INTERIOR ELEVATIONS

Drawn by: CC, TW
Checked by: MR
Date: 7/22/05

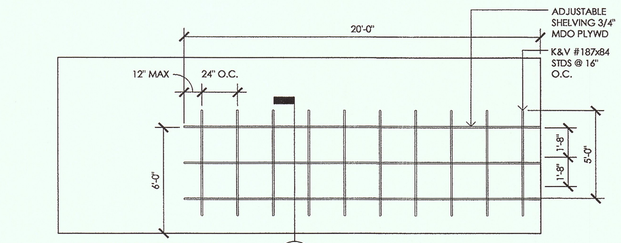
REVISIONS

No.	Date

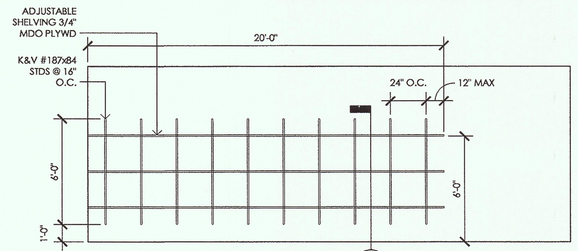
LANIS LEE COPE
REGISTERED ARCHITECT
COMMISSION No. 12,436
STATE OF TENNESSEE

Dwg No.
A10.3

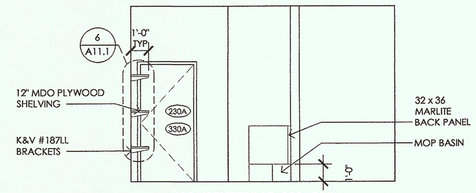
Project No. 05036



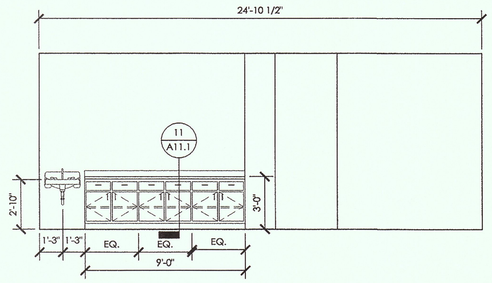
1 A10.4 HOUSEKEEPING 202, 302 WEST ELEVATION
1/4" = 1'-0"



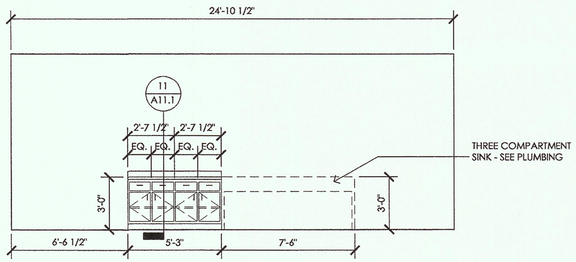
2 A10.4 HOUSEKEEPING 130, 230 330 EAST ELEVATION
1/4" = 1'-0"



3 A10.4 HOUSEKEEPING 230, 330 SOUTH ELEVATION
1/4" = 1'-0"



4 A10.4 PANTRY 111 NORTH ELEVATION
1/4" = 1'-0"



5 A10.4 PANTRY 111 SOUTH ELEVATION
1/4" = 1'-0"

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FAX Number (865) 584-1800
E-MAIL Address cope@cope-associates.com

INTERIOR ELEVATIONS

Drawn by: CC, TW
Checked by: MR
Date: 7/22/05

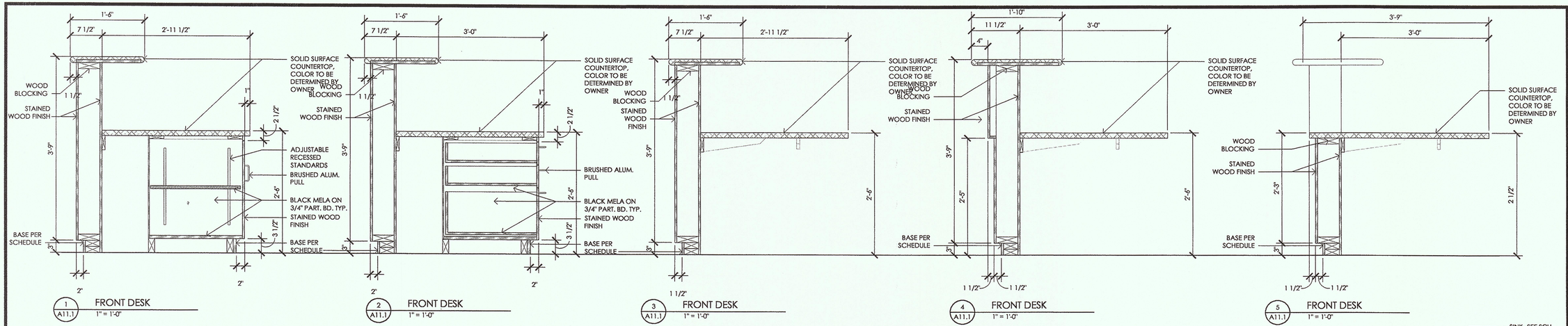
REVISIONS

No.	Date

LAMIS LEE COPE
REGISTERED ARCHITECT
No. 12,438
STATE OF TENNESSEE
7/22/05.

Dwg No.
A10.4

Project No. 05036



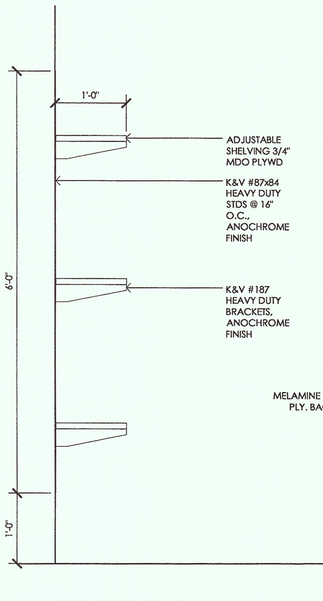
1 A11.1 FRONT DESK 1" = 1'-0"

2 A11.1 FRONT DESK 1" = 1'-0"

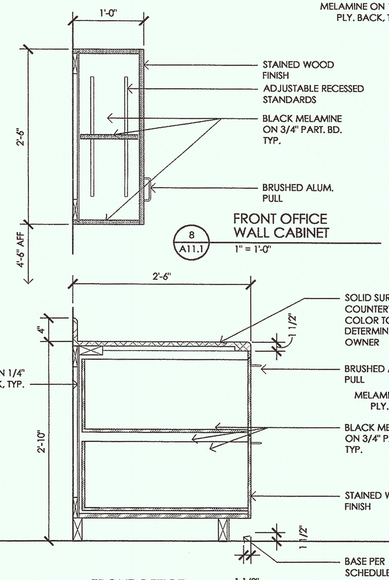
3 A11.1 FRONT DESK 1" = 1'-0"

4 A11.1 FRONT DESK 1" = 1'-0"

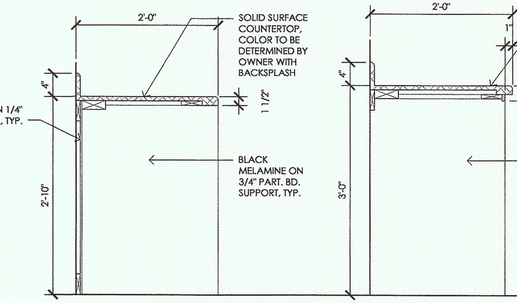
5 A11.1 FRONT DESK 1" = 1'-0"



6 A11.1 HOUSEKEEPING SHELVING SIDE ELEVATION 1" = 1'-0"

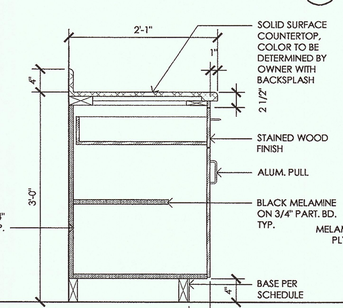


8 A11.1 FRONT OFFICE WALL CABINET 1" = 1'-0"

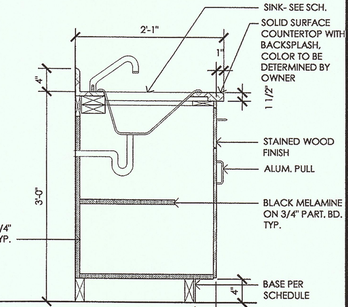


9 A11.1 FRONT OFFICE COMPUTER STATION 1" = 1'-0"

10 A11.1 COUNTERTOP 1" = 1'-0"



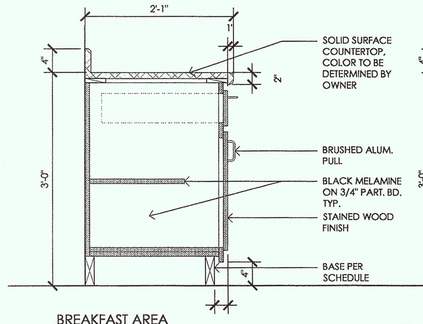
11 A11.1 LAUNDRY/ HOUSEKEEPING BASE CABINET 1" = 1'-0"



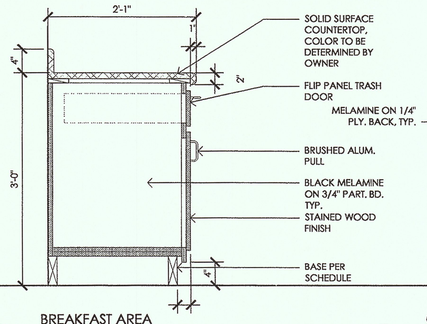
12 A11.1 LAUNDRY/ HOUSEKEEPING BASE CABINET WITH SINK 1" = 1'-0"

7 A11.1 FRONT OFFICE CABINET WITH DRAWERS 1" = 1'-0"

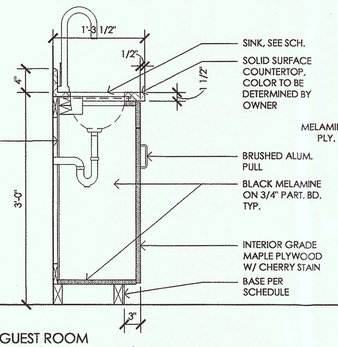
15 A11.1 FRONT OFFICE COUNTERTOP 1" = 1'-0"



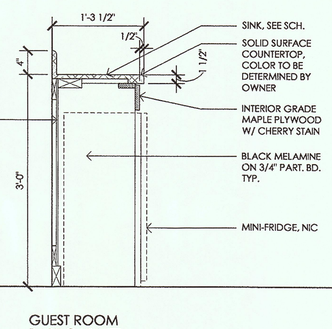
13 A11.1 BREAKFAST AREA BASE CABINET 1" = 1'-0"



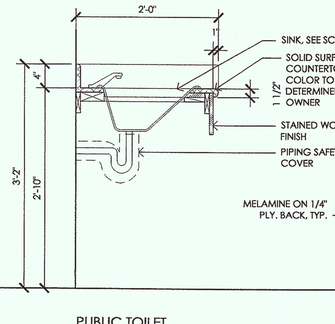
14 A11.1 BREAKFAST AREA BASE CABINET 1" = 1'-0"



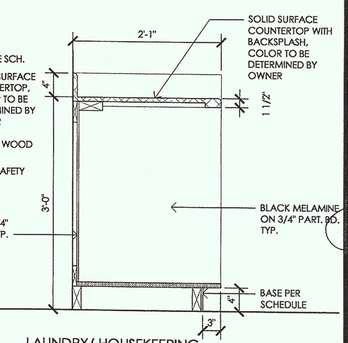
16 A11.1 GUEST ROOM BASE CABINET WITH SINK 1" = 1'-0"



17 A11.1 GUEST ROOM BASE CABINET 1" = 1'-0"



18 A11.1 PUBLIC TOILET COUNTERTOP WITH SINK 1" = 1'-0"



19 A11.1 LAUNDRY/ HOUSEKEEPING BASE CABINET 1" = 1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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MILLWORK DETAILS

Drawn by: CC
Checked by: MR
Date: 7/22/05

REVISIONS

No.	Date

LANIS LEE COX REGISTERED ARCHITECT STATE OF TENNESSEE No. 12416 7/22/05

Dwg No. A11.1

Project No. 05036

FOUNDATIONS:

A. THE FOUNDATION DESIGN IS BASED UPON A GEOTECHNICAL REPORT DATED APRIL 19, 2005 BY S & ME. ALLOWABLE SOIL BEARING PRESSURE OF 2500 FOR SPREAD AND 2000 FOR STRIP FOOTINGS.

B. COORDINATE ALL FOOTING STEPS w/ UTILITIES.

DESIGN LOADS:

WIND LOADS: 70 MPH PER 1999 EDITION OF SBC

SEISMIC:
- A_v = 0.10
- A_a = 0.10
- Seismic Hazard Exposure Group I
- Seismic Performance Category C
- Soil Profile Type = S2 = 1.2
- Structural System = Ordinary Steel Moment Frame
- R = 4.5
- C_d = 4
- Analysis Method: Equivalent Lateral Force Procedure

LIVE LOADS:	FLOOR:	ROOF
A. ROOF	–	20 PSF
B. FLOOR	40 PSF	–
C. CORRIDOR	80 PSF	–

CONCRETE:

A. UNLESS NOTED OTHERWISE, ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. SLAB-ON-GRADE AND ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI, LIMESTONE AGGREGATE AND ENTRAINED AIR.

B. CONCRETE SLABS SHALL CONFORM TO ACI 117-90 FOR FLATNESS AND LEVELNESS. ACCORDING TO ASTM 61155:

	COMPOSITE FLATNESS (F_F)	COMPOSITE LEVELNESS (F_L)
SPECIFIED OVERALL VALUE	25	20
MINIMUM LOCAL VALUE	17	15

REINFORCING STEEL:

A. REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60. WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ASTM A185.

B. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE A.C.I DETAILING MANUAL.

C. LAP ALL REINFORCING IN POURED-IN-PLACE CONCRETE 40 BAR DIAMETERS (18" MINIMUM). LAP REINFORCING IN MASONRY 40 BAR DIAMETERS. REINFORCING SHALL BE CONTINUOUS AROUND CORNERS AND INTERSECTIONS. WELDED WIRE FABRIC SHALL BE LAPPED 10" MINIMUM.

MASONRY:

A. CONCRETE BLOCK SHALL BE LIGHTWEIGHT AND SHALL CONFORM TO ASTM C-90, TYPE 1. MORTAR SHALL CONFORM TO ASTM C 270 TYPE "S".

B. FILL REINFORCED BLOCK CORES, BOND BEAMS & LINTELS WITH 2000 PSI GROUT CONFORMING TO THE REQUIREMENTS OF ASTM C476. VERTICAL LIFTS SHALL NOT EXCEED FOUR FEET.

C. MASONRY WALLS SHALL BE REINFORCED AS FOLLOWS, UNLESS NOTED OTHERWISE:
- 8" WALLS: 1-#5 VERTICAL @ 4'-0"
  1-#5 HORIZONTAL @ 8'-0"
  #8 STD DUR-O-WAL TRUSS REINFORCEMENT @ 16"

D. MASONRY WALLS SPECIFIED AS SPECIAL REINFORCED MASONRY SHALL BE GROUTED SOLID AND REINFORCED AS FOLLOWS:
- 8" WALLS: 1-#5 VERTICAL @ 4'-0"
  2-#6 HORIZONTAL @ 4'-0"
  #8 STD DUR-O-WAL TRUSS REINFORCEMENT @ 16"

E. REINFORCE ONE CELL VERTICALLY AT EACH CORNER, EACH SIDE OF OPENINGS AND AT THE END OF MASONRY WALLS WITH 2-#5 AND GROUT SOLID.

F. ALL VERTICAL REINFORCING SHALL EXTEND FROM THE FOUNDATION TO THE TOP OF WALL. PROVIDE DOWELS FROM FOUNDATION TO MATCH VERTICALS.

FOOTING SCHEDULE

MARK	SIZE	REINFORCING
W18	1'-6"x1'-0"xCONT.	2 #5 CONT. W/#4x1'-0" @ 4'-0" TRANSVERSE BARS
W24	2'-0"x1'-0"xCONT.	2 #5 CONT. T&B W/#3 TIES @ 18" O.C.
W30	2'-6"x2'-0"xCONT.	3 #5 CONT. T&B W/#3 TIES @ 18" O.C.
W42	3'-6"x2'-0"xCONT.	4 #5 CONT. T&B W/#3 TIES @ 18" O.C.
F36	3'-0"x1'-0"x3'-0"	4 #5x2'-6" E.W.
F72	6'-0"x2'-6"x6'-0"	7 #5x5'-6" E.W. T&B
F84	7'-0"x3'-0"x7'-0"	8 #5x6'-6" E.W. T&B

PRECAST CONCRETE:

A. HOLLOW CORE PLANKS AND INVERTED "T" BEAMS SHALL BE DESIGNED BY A STRUCTURAL ENGINEER IN THE STATE OF TENNESSEE. DEAD AND LIVE LOAD ANALYSIS SHALL BE INCLUDED IN THE DESIGN CALCULATIONS. DETAILS, ELEVATIONS, AND SECTIONS SHOWN ON PLANS ARE SUGGESTIONS. PRECAST MEMBERS SHALL BE DESIGNED, CONSTRUCTED, FINISHED, HANDLED AND ERECTED IN ACCORDANCE WITH THE 5TH EDITION OF THE PCI HANDBOOK U.N.O. BY THE ARCHITECT.

B. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL PLATES, ANCHORS, INSERTS, CORBELS, LUGS, ETC., TO BE PROVIDED AND ANY DISCREPANCIES SHALL BE IMMEDIATELY REPORTED TO THE ARCHITECT. PRECASTER SHALL ALSO FIELD VERIFY LOCATIONS PRIOR TO ERECTION.

C. THE DESIGN AND ANCHORAGE WHERE WELDING IS REQUIRED SHALL CONFORM TO CHAPTER 6 OF THE PCI HANDBOOK, 5TH EDITION.

D. ANY DEVIATION FROM PRECAST CONCRETE DESIGN OR DETAILS SHOWN HEREIN SHALL BE APPROVED, IN WRITING, BY THE ARCHITECT. CONNECTION DETAILS ARE NOT EXCLUSIVE AND MAY BE ALTERED BY THE PRECASTER TO HIS STANDARD OF SUGGESTED DETAILS, PROVIDED THAT THESE STANDARDS SATISFY THE STRENGTH REQUIREMENTS OF THE PARTICULAR CONNECTION AND ARE SUBJECTED TO THE STRUCTURAL ENGINEER'S APPROVAL PRIOR TO CASTING.

E. PRECASTER SHALL BE RESPONSIBLE FOR THE COMPLETE ERECTION OF PRECAST CONCRETE ELEMENTS, INCLUDING BRACING, SHORING, LEVELING, WELDING, BOLTING, ETC,. ALL FABRICATION AND ERECTION SHALL COMPLY WITH APPROPRIATE PCI TOLERANCES.

F. PRECASTER SHALL PROVIDE ONLY THOSE OPENINGS AND SAW CUTS SHOWN ON THEIR APPROVED DRAWINGS. HOLES EQUAL TO OR SMALLER THAN 8" x 8" WILL NOT BE SHOWN ON PRECAST DRAWINGS. HOLES EQUAL TO OR SMALLER THAN 8" x 8" AND ALL OTHER HOLES WILL BE CUT BY THE RESPECTIVE TRADES IN THE FIELD. HOLES WHICH WILL APPARENTLY CUT PRIMARY REINFORCING IN MEMBERS SHALL BE APPROVED BY THE ENGINEER PRIOR TO CUTTING IN THE FIELD. CUTTING THE PRESTRESSED REINFORCING IS NOT PERMITTED UNLESS APPROVED BY THE STRUCTURAL ENGINEER OF RECORD

G. PRECAST PRODUCTS WILL BE FABRICATED TO TOLERANCES SPECIFIED IN SECTION 5 OF THE PCI MANUAL MNL-116 "MANUAL FOR QUALITY CONTROL PLANTS AND PRODUCTION OF PRECAST/PRESTRESSED CONCRETE PRODUCTS."

H. ALL CONNECTING MATERIALS, LEVELING DEVICES AND ANCHOR BOLTS, BETWEEN PRECAST MEMBERS AND OTHER PRECAST MEMBERS, OR TO SLAB-ON-GRADE, OR TO CAST-IN-PLACE CONCRETE SHALL BE PROVIDED BY THE PRECASTER.

I. ALL MEMBERS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF f'_c = 5000 PSI AT 28 DAYS.

LIGHT GAGE METAL FRAMING:

A. ALL TRUSSES SHALL BE DESIGNED FOR MIN. LOADS OF 20 PSF LL & 10 PSF DL ON THE TOP CHORD AND 10 PSF DL ON THE BOTT. CHORD.

B. TRUSS SUBMITTALS SHALL BE SEALED & SIGNED BY AN ENGINEER IN THE STATE OF TENNESSEE.

C. TRUSS ERECTOR SHALL PROVIDE BRACING FOR THE ERECTION OF TRUSSES & FOR PERMANENT CONDITIONS AS SHOWN IN THESE DOCUMENTS & AS REQ'D BY TRUSS SUPPLIER.

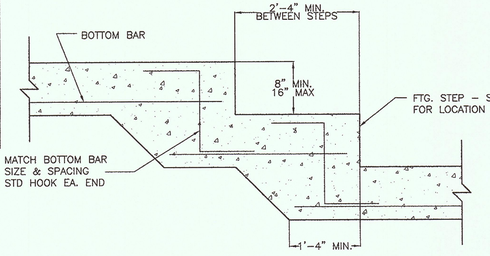
D. ALL STUD AND/OR JOIST FRAMING MEMBERS SHALL BE THE TYPE, SIZE AND GAGE AS SHOWN ON THE PLANS AND SHALL BE MANUFACTURED BY DALE/INCOR OR EQUAL.

E. PRIOR TO FABRICATION OF FRAMING, THE CONTRACTOR SHALL SUBMIT FABRICATION AND ERECTION DRAWINGS TO THE ARCHITECT AND ENGINEER OF RECORD.

METAL DECK:

A. METAL FORM DECKS SHALL BE VULCRAFT TYPE 0.6C24 OR APPROVED EQUAL. UNO

B. METAL ROOF DECKS SHALL BE VULCRAFT TYPE 1.5 F 1½", 22 GAGE INTERMEDIATE RIB DECK OR APPROVED EQUALS. DECKING SHALL BE CONTINUOUS OVER AT LEAST TWO SUPPORTS. EACH DECKING PANEL SHALL BE ATTACHED TO SUPPORTING MEMBERS USING 9-#10 TEK SCREWS. ADJACENT PANELS SHALL BE CONNECTED WITH 4-#10 TEK SCREW SIDELAP FASTENERS PER SPAN UNO



TYPICAL FOOTING STEP
3/4"=1'-0"

STRUCTURAL STEEL:

A. ALL ANCHOR BOLTS SHALL BE ASTM A307, UNLESS NOTED OTHERWISE.

B. PROVIDE MIN. 1" NON-SHRINK GROUT UNDER COLUMN BASE PLATES, U.N.O. WHERE MINIMUM BASE PLATE WIDTH EXCEEDS 12", ADD ⅛" TO MINIMUM GROUT THICKNESS AT A RATE OF ⅛" THICKNESS PER INCH OF WIDTH EXCEEDING 12".

C. ALL PLATES AND ANGLES SHALL CONFORM TO ASTM A36. ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992, GRADE 50. RECTANGULAR HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A500, GRADE B WITH YIELD STRENGTH = 46 KSI. ROUND HOLLOW STRUCTURAL SECTIONS SHALL CONFORM TO ASTM A53, TYPE E, GRADE B WITH YIELD STRENGTH = 35 KSI.

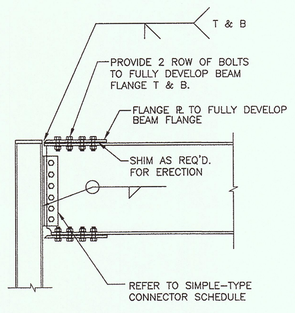
D. ALL SHEAR CONNECTIONS NOT DETAILED OR OTHERWISE NOTED SHALL BE STANDARD AISC WELDED OR BOLTED CONNECTIONS AND SHALL HAVE SUFFICIENT CAPACITY TO DEVELOP AN END REACTION EQUAL TO HALF THE GIVEN VALUE IN THE TABLE "ALLOWABLE UNIFORM LOADS IN KIPS FOR BEAMS LATERALLY SUPPORTED" IN PART 2 OF THE NINTH EDITION OF THE AISC MANUAL.

E. ALL BOLTS FOR BEAM CONNECTIONS SHALL BE ASTM A325 WITH A MINIMUM DIAMETER OF ¾ INCH, UNLESS NOTED OTHERWISE. ALL BOLTED CONNECTIONS NOT DETAILED SHALL BE DESIGNED AS BEARING-TYPE CONNECTIONS. WASHERS SHALL BE INSTALLED UNDER NUTS AND FASTENERS WHEN REQUIRED BY THE SPECIFICATION FOR STRUCTURAL JOINTS.

F. ALL WELDS SHALL BE MADE IN ACCORDANCE WITH THE LATEST PRACTICES OF A.W.S. USE E-70XX SERIES ELECTRODES.

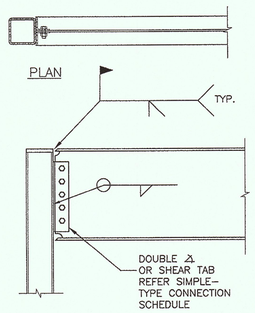
G. CAP PLATES FOR COLUMNS SHALL BE ¾" THICK UNLESS NOTED OTHERWISE.

H. DIAGONAL ANGLE SUPPORTS AT COLUMNS AND ANY OTHER MISCELLANEOUS SUPPORTS REQUIRED TO CARRY STEEL DECK SHALL BE FURNISHED AND INSTALLED BY STEEL FABRICATOR. WHERE OPENINGS OCCUR AND FRAMING IS NOT SHOWN, CONTRACTOR SHALL PROVIDE ADEQUATE SUPPORT IN ACCORDANCE WITH GOOD ENGINEERING PRACTICE.



ELEVATION

FULLY RESTRAINED – BOLTED

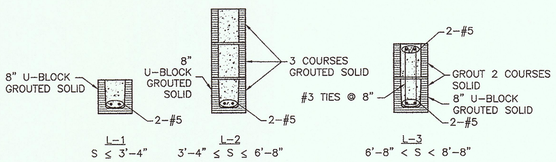


ELEVATION

FULLY RESTRAINED – WELDED

BEAM TO COLUMN MOMENT CONNECTIONS

3/4"=1'-0"



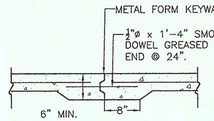
BRICK LINTEL SCHEDULE	
WIDTH OF OPENING	LINTEL
≤ 3'-4"	L3½x3½x⅝
3'-5" TO 6'-0"	L4x3½x⅝
6'-1" TO 7'-4"	L5x3½x⅝
7'-5" TO 10'-0"	L6x3½x⅝

NOTES:
1. UNLESS SHOWN OTHERWISE, LINTEL IN BRICK MASONRY WALLS SHALL BE PROVIDED AS SHOWN IN SCHEDULE.
2. OPENINGS GREATER THAN 10'-0" SHALL BE COORDINATED WITH ENGINEER.
3. LINTELS SHALL BEAR A MINIMUM OF 8" ON EACH END.

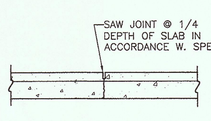
MASONRY LINTEL SCHEDULE

1"=1'-0"

COORDINATE CMU REINFORCING WITH GENERAL NOTES ON SHEET S1.1

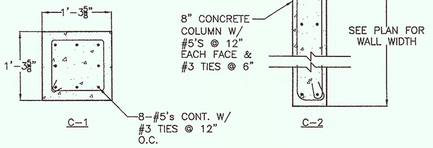


CONSTRUCTION JOINT



CONTRACTION JOINT

TYPICAL CONTROL JOINT DETAILS
3/4"=1'-0"



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E-MAIL Address cope@cope-associates.com

GENERAL NOTES

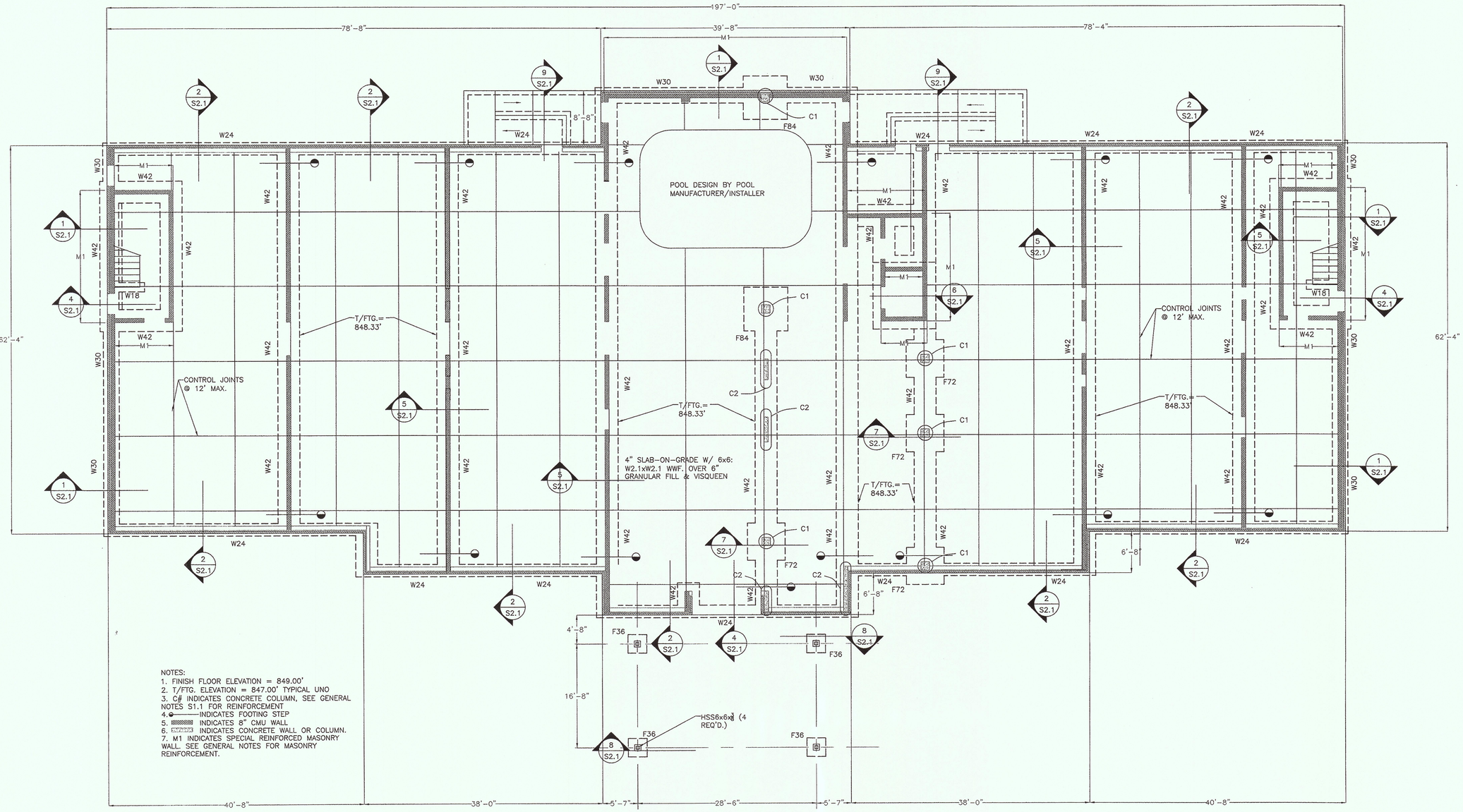
Drawn by: JH
Checked by: CS
Date: 07/22/05

REVISIONS

No.	Date

CHAD E. STEWART — REGISTERED ENGINEER — 102211 — STATE OF TENNESSEE — 7/22/05

Dwg No.
S 1.1
Project No. 05036



NOTES:
1. FINISH FLOOR ELEVATION = 849.00'
2. T/FTG. ELEVATION = 847.00' TYPICAL UNO
3. C# INDICATES CONCRETE COLUMN, SEE GENERAL NOTES S1.1 FOR REINFORCEMENT
4. INDICATES FOOTING STEP
5. INDICATES 8" CMU WALL
6. INDICATES CONCRETE WALL OR COLUMN.
7. M1 INDICATES SPECIAL REINFORCED MASONRY WALL. SEE GENERAL NOTES FOR MASONRY REINFORCEMENT.

1 S1.2 FOUNDATION PLAN
1/8"=1'-0"

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FOUNDATION PLAN

Drawn by: JH
Checked by: CS
Date: 07/22/05

REVISIONS

No.	Date

CHAD E. STEWART REGISTERED PROFESSIONAL ENGINEER 102427 STATE OF TENNESSEE

Dwg No. S1.2
Project No. 05036

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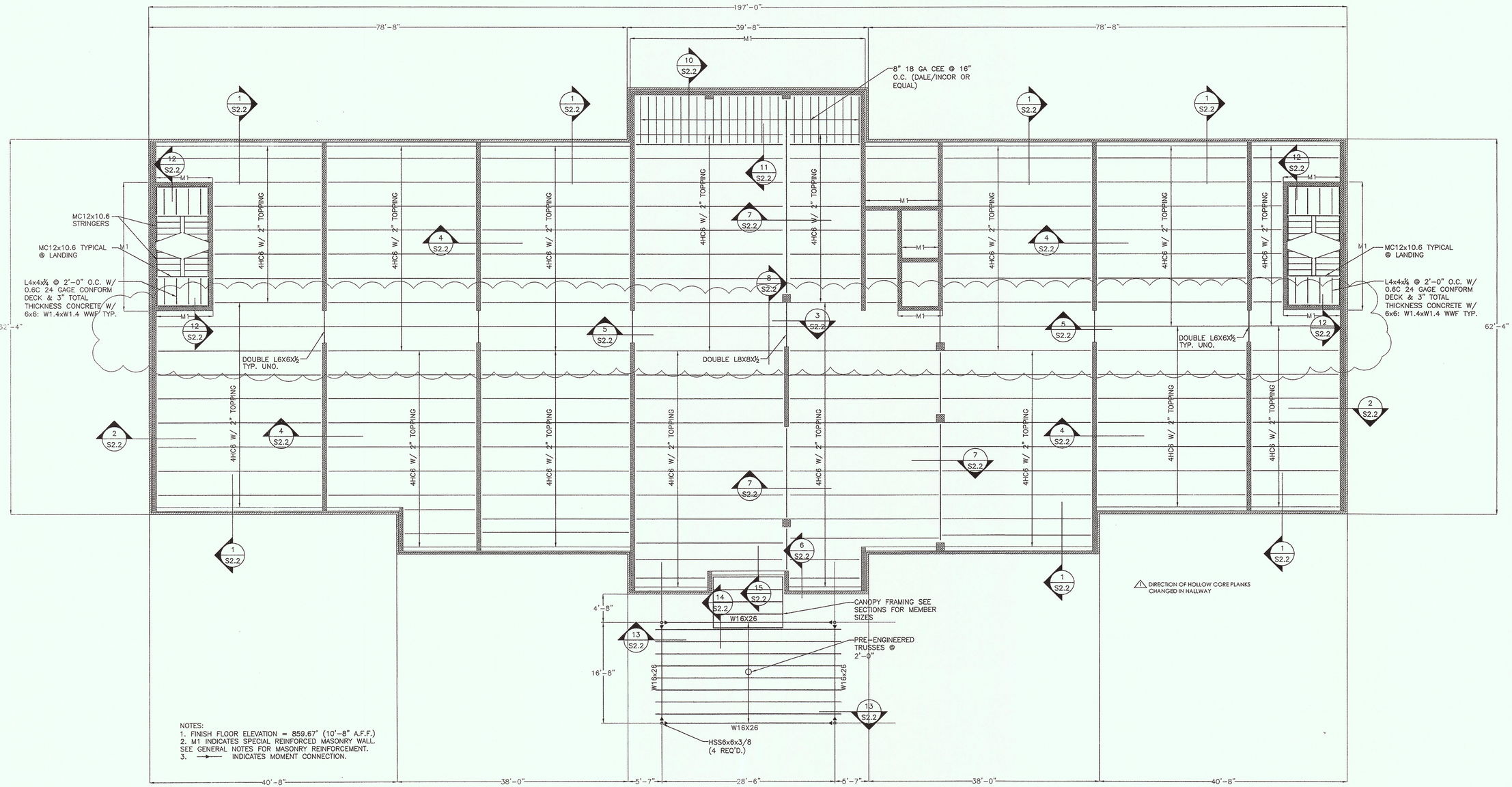

NOTES:
1. FINISH FLOOR ELEVATION = 859.67' (10'-8" A.F.F.)
2. M1 INDICATES SPECIAL REINFORCED MASONRY WALL. SEE GENERAL NOTES FOR MASONRY REINFORCEMENT.
3. ⟶ INDICATES MOMENT CONNECTION.

SECOND FLOOR FRAMING PLAN

1/8"=1'-0"

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FIRST FLOOR FRAMING PLAN

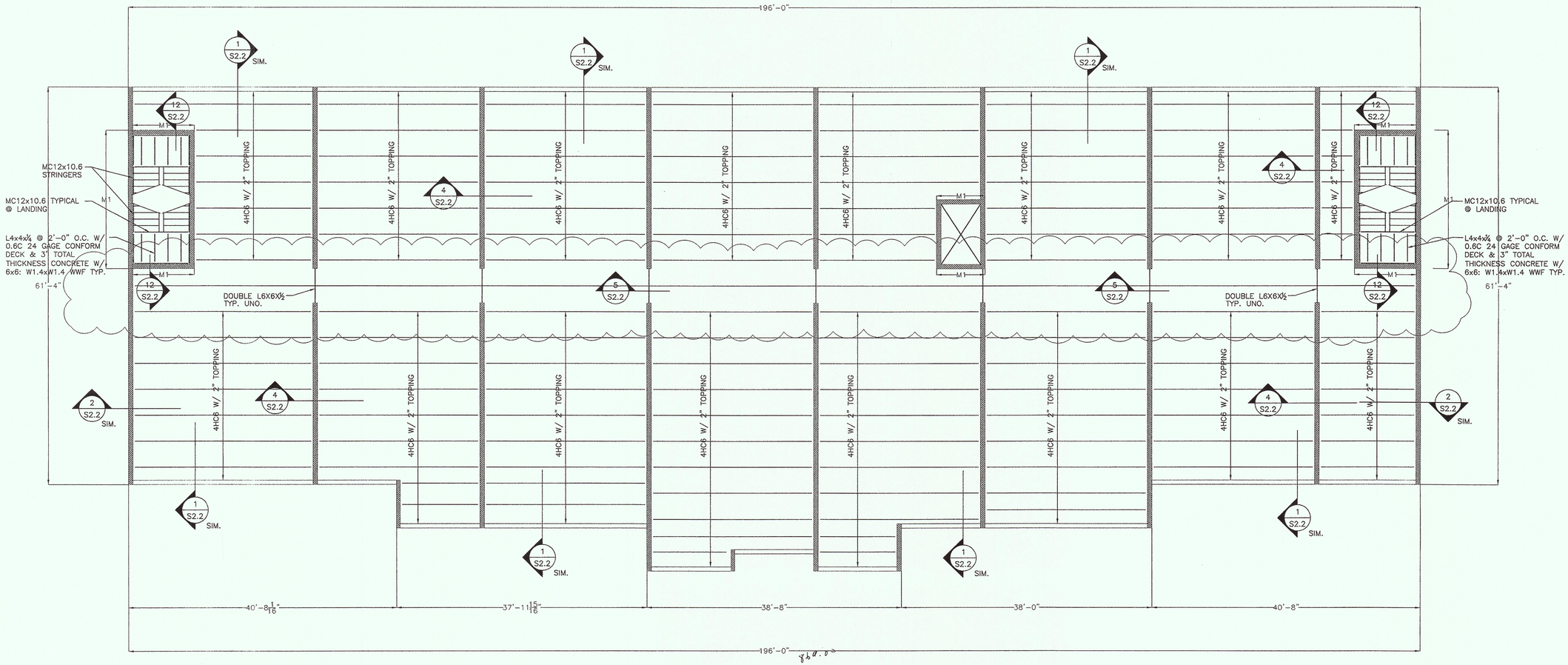
Drawn by: JH
Checked by: CS
Date: 07/22/05

REVISIONS

No.	Date
⚠1	08/01/05

CHAD E. STEWART PROFESSIONAL ENGINEER 104217 STATE OF TENNESSEE

Dwg No. S1.3
Project No. 05036



NOTES:
1.FINISH FLOOR ELEVATION = 879.67' (20'-0" A.F.F.)
2. M1 INDICATES SPECIAL REINFORCED MASONRY WALL. SEE GENERAL NOTES FOR MASONRY REINFORCEMENT.

⚠1 DIRECTION OF HOLLOW CORE PLANKS CHANGED IN HALLWAY

1 S1.4 THIRD FLOOR FRAMING PLAN
1/8"=1'-0"

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SECOND FLOOR FRAMING PLAN

Drawn by: JH
Checked by: CS
Date: 07/22/05

REVISIONS	
No.	Date
⚠1	08/01/05

CHAD E. STEWART REGISTERED PROFESSIONAL ENGINEER No. 104211 STATE OF TENNESSEE

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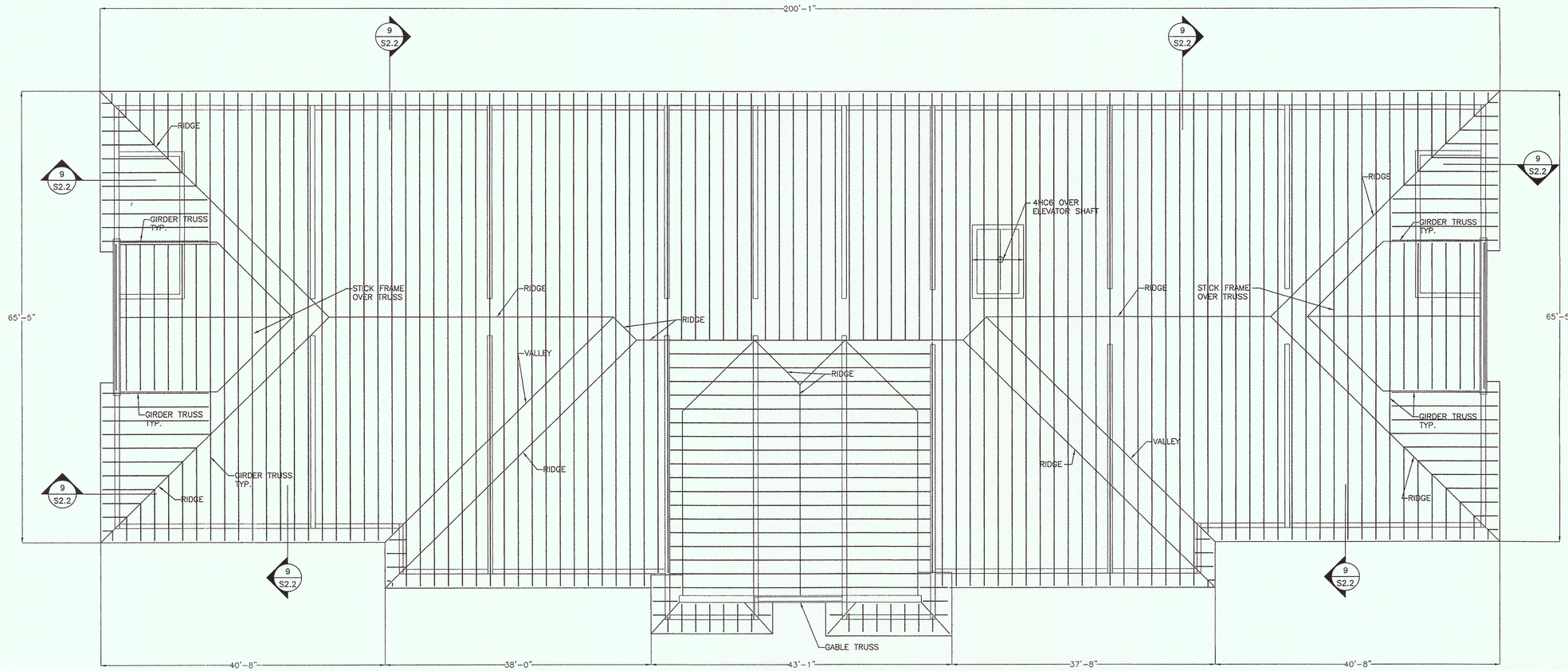
Dwg No. S1.4
Project No. 05036



NOTES:
1. LIGHT GAGE PRE-ENGINEERED TRUSS @ 2'-0" MAX. TYP.
2. TRUSS BEARING ELEVATION = 877.67' (28'-8" A.F.F.)
3. EXTERIOR LOAD BEARING STUD WALLS SHALL BE 6" CN 18 GA @ 24" MINIMUM BY DALE/INCOR OR EQUAL.
4. INTERIOR LOAD BEARING STUD WALLS SHALL BE 3 5/8" CN 18 GA @ 24" MINIMUM BY DALE/INCOR OR EQUAL.

1 / S1.5 ROOF FRAMING PLAN
1/8"=1'-0"

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ROOF FRAMING PLAN

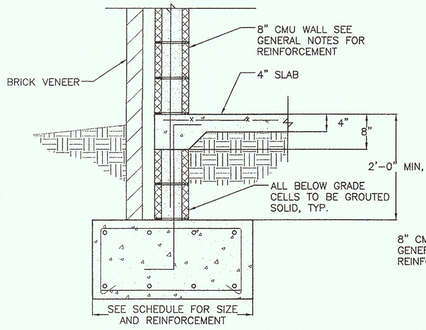
Drawn by: JH
Checked by: CS
Date: 07/22/05

REVISIONS

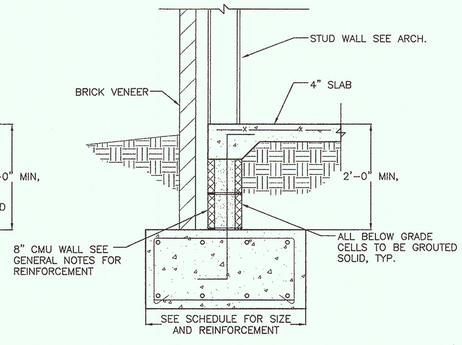
No.	Date

CHAD E. STEWART — REGISTERED PROFESSIONAL ENGINEER — No. 102271 — STATE OF TENNESSEE

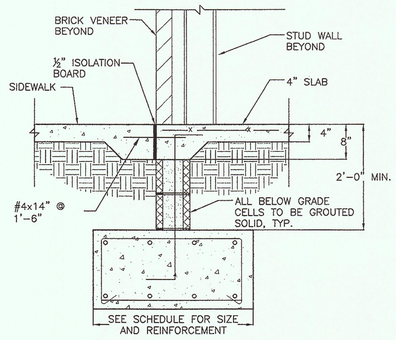
Dwg No.
S1.5
Project No. 05036



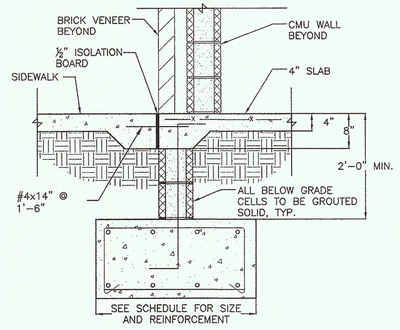
SECTION 1 S2.1
3/4"=1'-0"



SECTION 2 S2.1
3/4"=1'-0"



SECTION 3 S2.1
3/4"=1'-0"



SECTION 4 S2.1
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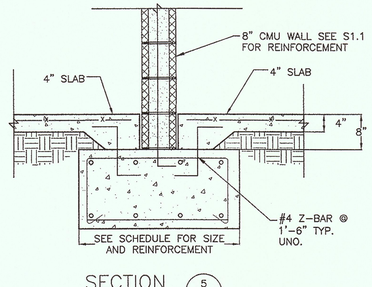
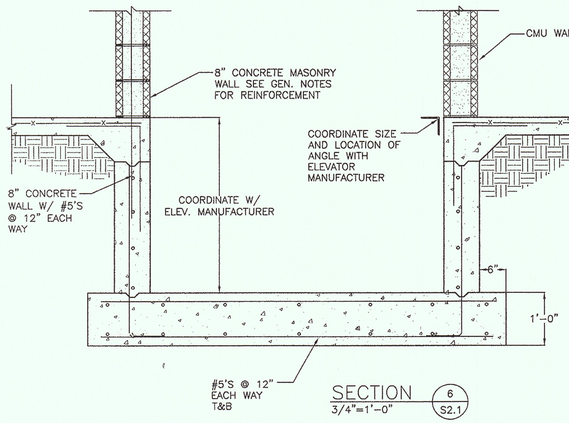
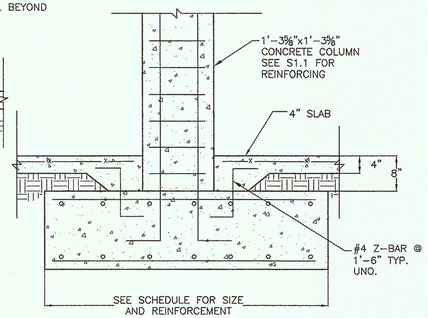


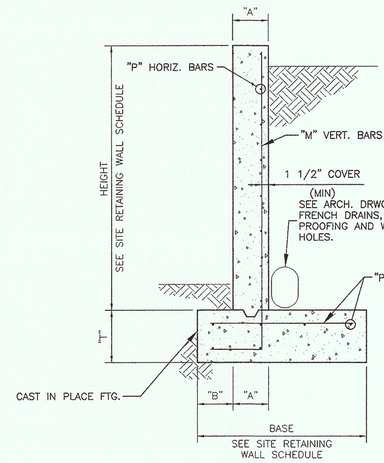
SECTION 5 S2.1
3/4"=1'-0"



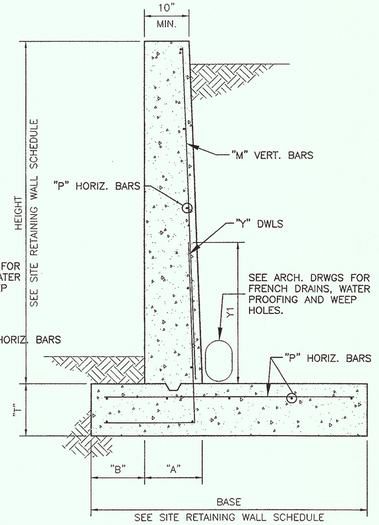
SECTION 6 S2.1
3/4"=1'-0"



SECTION 7 S2.1
3/4"=1'-0"

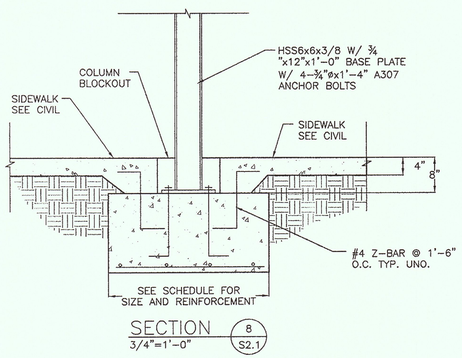


WHERE WALL HEIGHT ≤ 6'-0"

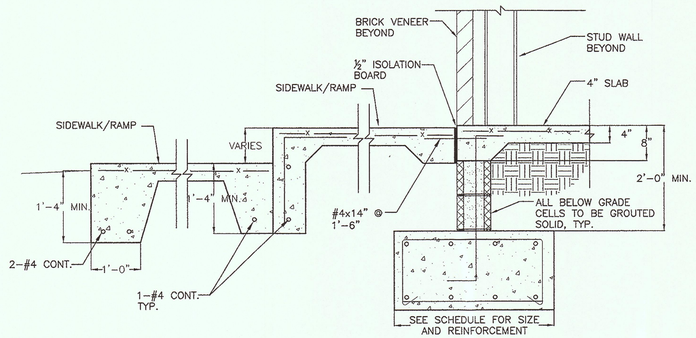


WHERE WALL HEIGHT > 6'-0"

TYPICAL SITE RETAINING WALL SECTIONS
3/4"=1'-0"



SECTION 8 S2.1
3/4"=1'-0"



SECTION 9 S2.1
3/4"=1'-0"

SITE CANTILEVER RETAINING WALL SCHEDULE

HEIGHT	BASE	A	B	T	Y1	Y	M	P
4'-0"	3'-2"	8"	10"	1'-0"	–	#4@18"	#4@18"	#4@18"
5'-0"	3'-6"	8"	10"	1'-0"	–	#4@18"	#4@18"	#4@18"
6'-0"	3'-10"	8"	10"	1'-0"	–	#4@14"	#4@14"	#4@18"
7'-0"	4'-2"	10"	1'-0"	1'-0"	–	#5@12"	#5@12"	#4@12"
8'-0"	4'-6"	1'-0"	1'-6"	1'-0"	–	#6@16"	#6@16"	#4@12"
10'-0"	5'-6"	1'-0"	2'-0"	1'-0"	5'-1"	#6@16"	#6@16"	#5@16"
12'-0"	6'-6"	1'-1"	2'-0"	1'-1"	5'-11"	#6@12"	#7@12"	#5@12"
13'-0"	7'-0"	1'-2"	2'-0"	1'-2"	6'-5"	#7@12"	#7@12"	#5@12"
14'-0"	7'-8"	1'-3"	2'-2"	1'-3"	6'-10"	#7@10"	#8@12"	#5@12"
15'-0"	8'-6"	1'-4"	2'-2"	1'-4"	7'-4"	#7@10"	#8@10"	#5@12"
16'-0"	9'-0"	1'-4"	2'-2"	1'-4"	7'-9"	#8@10"	#8@10"	#5@10"
17'-0"	9'-6"	1'-5"	2'-3"	1'-5"	8'-6"	#8@10"	#9@12"	#5@10"
18'-0"	10'-0"	1'-5"	2'-4"	1'-5"	8'-11"	#8@10"	#9@10"	#5@10"
19'-0"	10'-6"	1'-6"	2'-6"	1'-6"	9'-4"	#8@10"	#9@10"	#5@10"

NOTE 1: THIS SCHEDULE DOES NOT PERTAIN TO BASEMENT WALLS.

NOTE 2: WALLS MORE THAN 10" THICK SHALL HAVE REINFORCEMENT FOR EACH DIRECTION PLACED IN TWO LAYERS PARALLEL WITH FACES OF WALL IN ACCORDANCE WITH ACI 14.3.4.

NOTE 3: SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS, WATER PROOFING, DIMENSIONS, FRENCH DRAINS AND WEEP HOLES.

NOTE 4: PROVIDE CONTOL AND CONSTRUCTION JOINTS AT 1.5 x HEIGHT MAX HORIZONTAL REINFORCING SHALL BE TERMINATED AT JOINTS. CONTROL JOINTS SHALL BE SAW CUT AND CONSTRUCTION JOINTS SHALL BE KEYED.

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DETAIL SHEET

Drawn by: JH
Checked by: CS
Date: 07/22/05

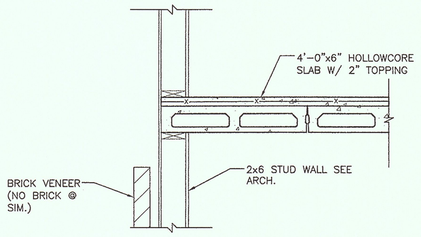
REVISIONS

No.	Date

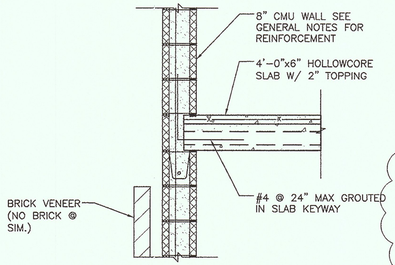
CHAD E. STEWART PROFESSIONAL ENGINEER No. 103421 STATE OF TENNESSEE

Dwg No.
S2.1

Project No. 05036



SECTION 1 S2.2
3/4"=1'-0"



SECTION 2 S2.2
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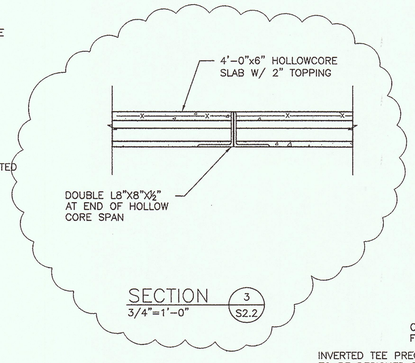

SECTION 3 S2.2
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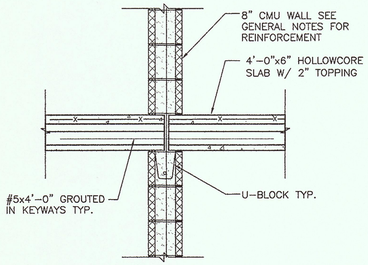

SECTION 4 S2.2
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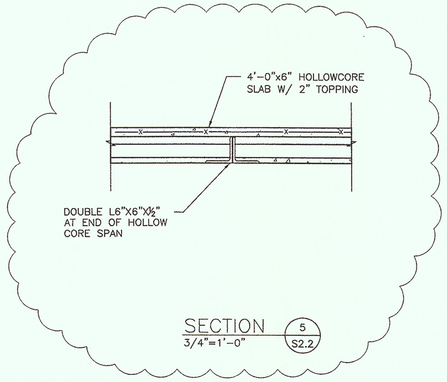
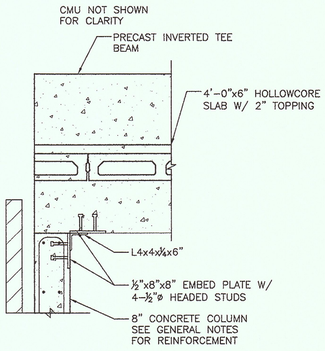
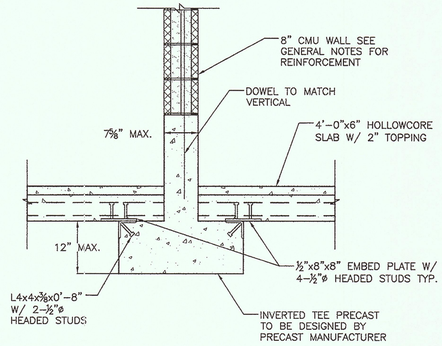


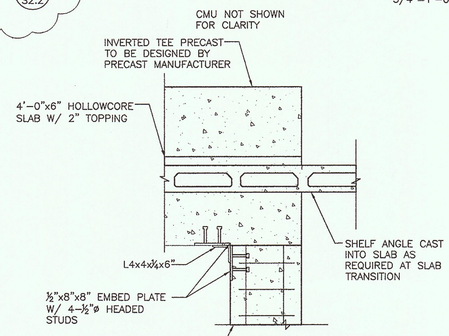
SECTION 5 S2.2
3/4"=1'-0"



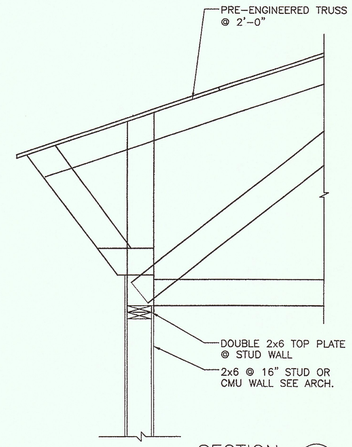
SECTION 6 S2.2
3/4"=1'-0"



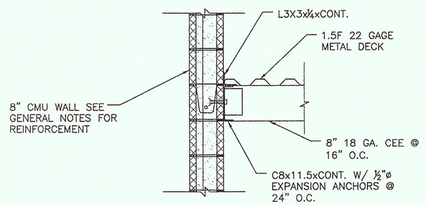
SECTION 7 S2.2
3/4"=1'-0"



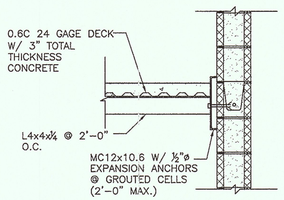
SECTION 8 S2.2
3/4"=1'-0"



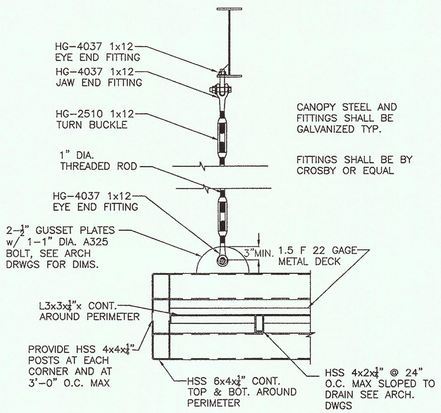
SECTION 9 S2.2
3/4"=1'-0"



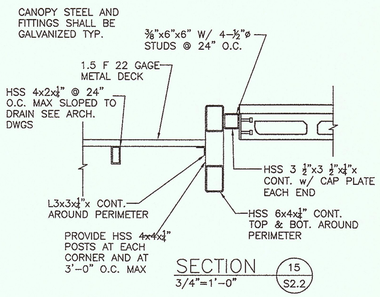
SECTION 10 S2.2
3/4"=1'-0"



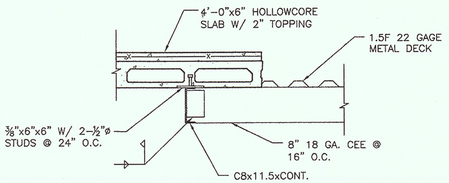
SECTION 12 S2.2
3/4"=1'-0"



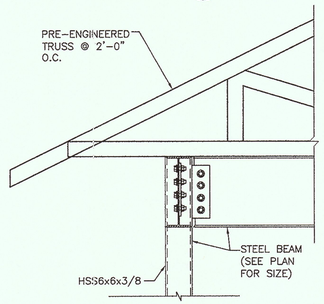
SECTION 14 S2.2
3/4"=1'-0"



SECTION 15 S2.2
3/4"=1'-0"



SECTION 11 S2.2
3/4"=1'-0"



SECTION 13 S2.2
3/4"=1'-0"

HOLIDAY INN EXPRESS
HIGHWAY NO. 61
HARRIMAN, TENNESSEE

COPA associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 894-9000
FAX Number (865) 584-1860
E-MAIL Address copa@copa-associates.com

DETAIL SHEET

Drawn by: JH
Checked by: CS
Date: 07/22/05

REVISIONS

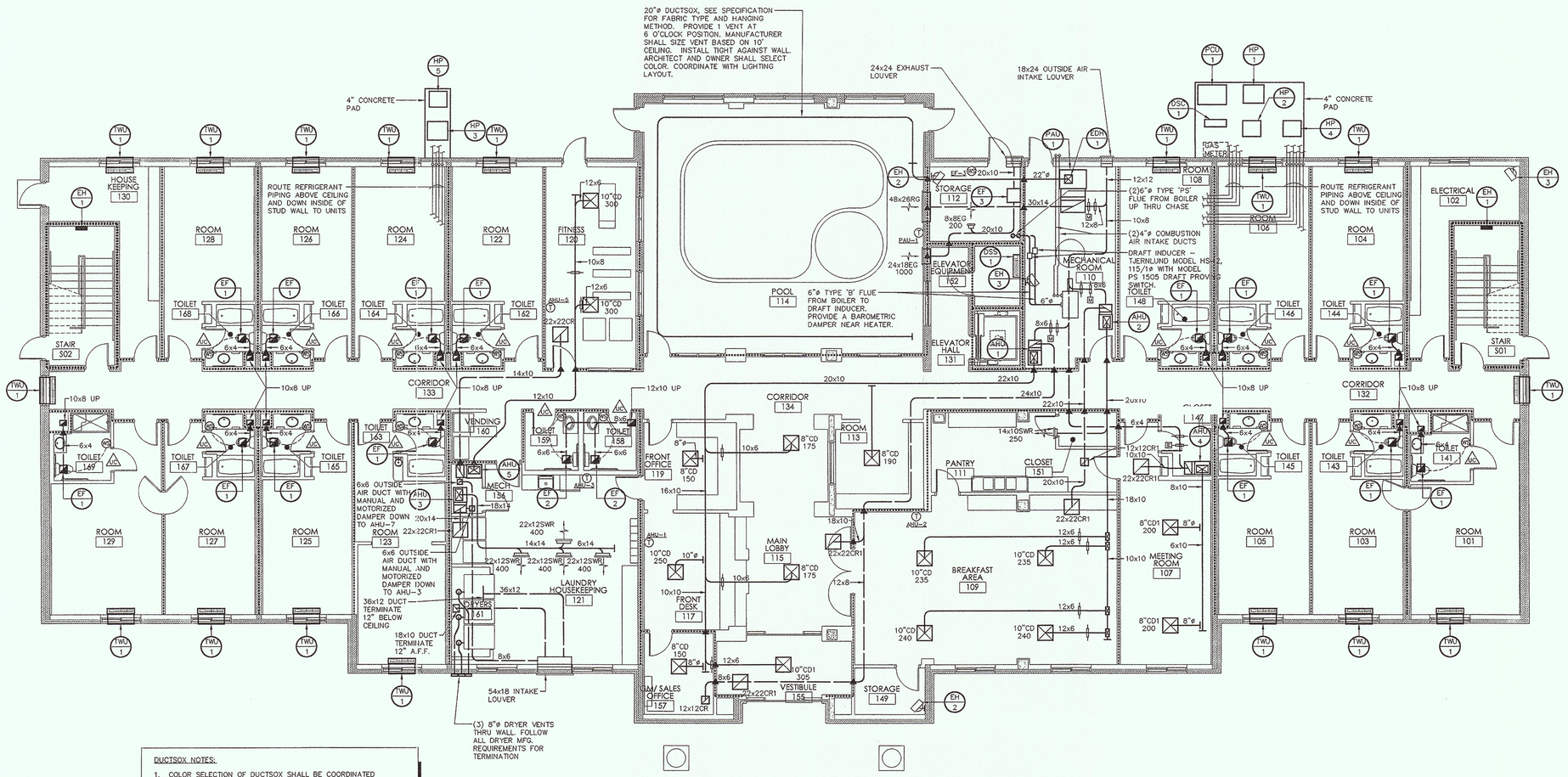
No.	Date

CHAD E. STEWART — PROFESSIONAL ENGINEER — No. 102411 — STATE OF TENNESSEE

Dwg No. S2.2

Project No. 05036

CSA ENGINEERING
PROJECT NO: 2005160
Chad Stewart & Associates, Inc.
844 Mockingbird Dr. Brighton, TN 38011
Phone 901-475-2071 Fax 901-475-3908
Chad@CSAstructures.com



DUCTSOX NOTES:

1. COLOR SELECTION OF DUCTSOX SHALL BE COORDINATED WITH ARCHITECT & OWNER.
2. DUCTSOX VENTS ARE TO BE LOCATED AT 4 & 8 O'CLOCK POSITION UNLESS OTHERWISE SPECIFIED. DUCTSOX VENT FOR PAU-1 TO BE LOCATED AT 6 O'CLOCK POSITION ONLY. INSTALL DUCTSOX TIGHT TO WALL AND CEILING IN POOL AREA.

   DUCTSOX MANUFACTURER TO VERIFY DUCTSOX SIZE SHOWN ON DRAWING AND DETERMINE SLOT SIZES AND SPACING REQUIRED.
3. PROVIDE SQUARE TO ROUND TRANSITION AS REQUIRED FOR CONNECTION TO DUCTSOX. COORDINATE INSTALLATION REQUIREMENTS WITH DUCTSOX MANUFACTURER.
4. COORDINATE DUCTSOX INSTALLATION WITH LIGHTING LAYOUT.

GROUND LEVEL FLOOR PLAN – HVAC

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

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

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FAX Number (865) 584-1860
E-MAIL Address coca@coca-associates.com

Drawing Description.....
GROUND LEVEL FLOOR PLAN - HVAC

Drawn by: KLR
Checked by: JRW
Date: 7/22/05

REVISIONS

No.	Date

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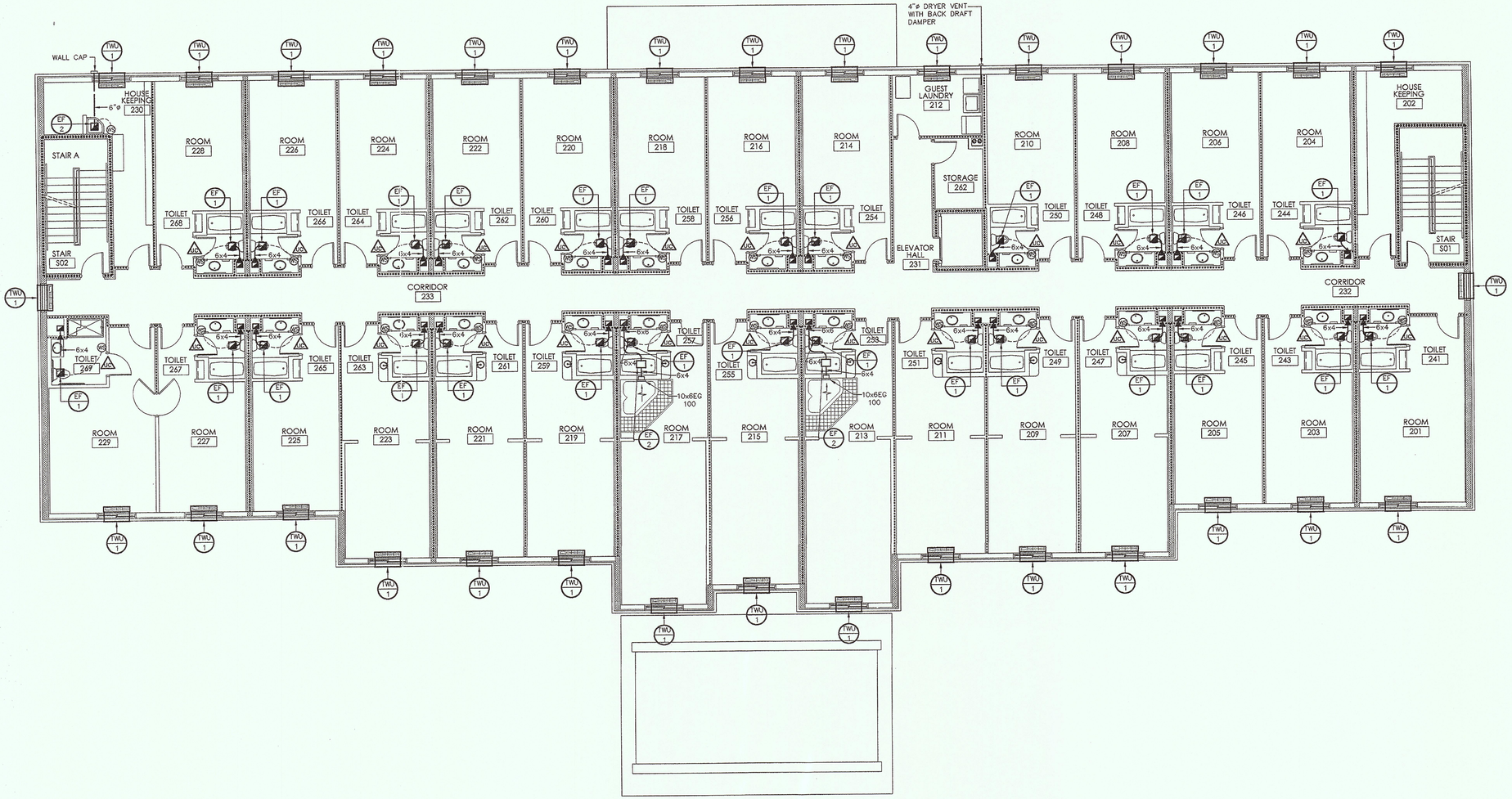
(865) 522-0393
PROJECT No. 25316

Dwg No.
M 2.1
Project No. 05036



SECOND LEVEL FLOOR PLAN – HVAC

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

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

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Knoxville, Tennessee 37919
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FAX Number (865) 594-1980
E-MAIL Address cope@cope-associates.com

Drawing Description....
SECOND LEVEL FLOOR PLAN - HVAC

Drawn by: KLR
Checked by: JRW
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R WHILLOCK
REGISTERED ENGINEER
ARCHITECTURE
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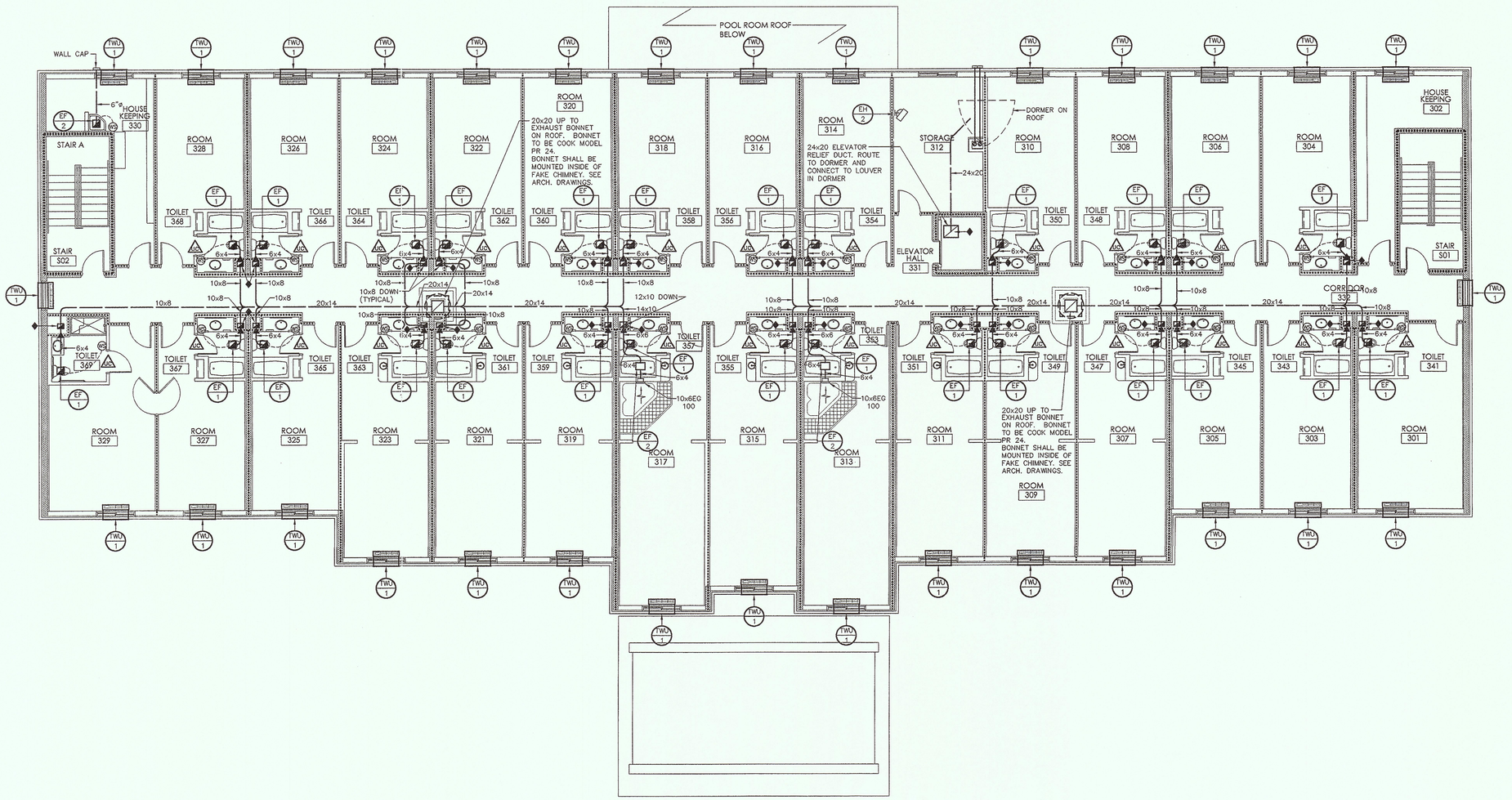
PROJECT No. 25316

Dwg No.
M 2.2
Project No. 05036



THIRD LEVEL FLOOR PLAN – HVAC
SCALE: 1/8"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
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Drawing Description:
THIRD LEVEL FLOOR PLAN - HVAC

Drawn by: KLR
Checked by: JRW
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK REGISTERED ENGINEER No. 104864 7-22-05 State of Tennessee

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(865) 522-0393
PROJECT NO. 25316

Dwg No.
M 2.3
Project No. 05036

DUCTLESS SPLIT SYSTEM SCHEDULE

INDOOR UNIT DATA									CONDENSING UNIT DATA						
MARK	CFM	COOLING BTU	HEATING BTU	ELECTRIC HEAT KW	VOLTS/ PHASE	FAN F.L.A.	MOCP (AMPS)	MANUFACTURER AND MODEL NUMBER	MARK	COOLING BTU	VOLTS/ PHASE	F.L.A.	MOCP (AMPS)	WEIGHT (LBS)	MANUFACTURER AND MODEL NUMBER
DSS-1	310	10.0	9.0	3.0	208/1	0.3	20	EMI WHP-09D	DSC-1	10.0	208/1	4.8	15	100	EMI SHC-09D

DUCTLESS SPLIT SYSTEM SCHEDULE NOTES:

1. ALL UNITS SHALL BE U.L. LISTED AND COMPRESSORS SHALL HAVE A 5 YEAR WARRANTY.
2. FURNISH EACH SYSTEM COMPLETE WITH A PERMANENT, WASHABLE ALUMINUM MESH FILTER, REFRIGERANT, REFRIGERANT PIPING, UNIT MOUNTED CONTROLS, AND LOW AMBIENT COOLING CONTROL.
3. FURNISH ALL UNITS WITH AN INTEGRAL CONDENSATE PUMP.

POOL AIR HANDLING UNIT SCHEDULE

MARK	CFM	E.S.P. IN. WG	EVAP. FAN HP	OUTSIDE AIR CFM	COOLING CAPACITY AT ARI CONDITIONS (MBTU) SENS.	TOTAL	MOISTURE REMOVAL CAPACITY AT 50% R.H., 62° F D.P.	WATER FLOW DATA POOL GPM.	WHIRLPOOL GPM	ELECTRICAL DATA VOLTS/ PHASE	MOCP	MANUFACTURER AND MODEL NUMBER
PAU-1	3000	1.0"	2.0	430	40.4	76.4	23 LBS/HR	8.5	N/A	208/3ø	50	DECTRON DSV-030

NOTES:

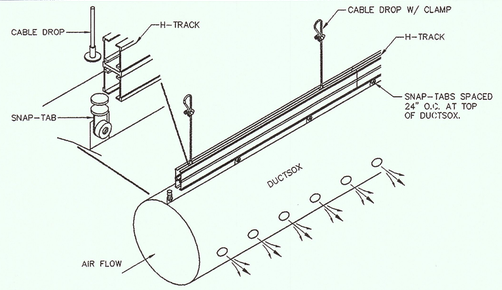
1. PAU-1 PERFORMANCE DATA BASED ON MAINTAINING POOL WATER TEMP. AT 85°F AND AIR TEMP. AT 82°.
2. AIR COOLED CONDENSER FOR PAU-1 TO BE DECTRON MODEL CCA-008 RATED AT 95°F AND LABELED PCU-1 ON DRAWINGS. CONDENSER HAS 1 FAN, 1/2 HP AT 208/3ø AND 15 MOP.
3. MICROPROCESSOR CONTROL WITH LED READOUT THERMOSTAT WITH LOCKING LEXAN COVER TO BE MOUNTED IN SPACE. PROVIDE ALL CONTROL WIRING.
4. PROVIDE PAU-1 WITH 4" CONCRETE PAD AND TOP DISCHARGE.
5. PROVIDE PAU-1 WITH MOTORIZED OUTSIDE AIR DAMPER INTERLOCKED WITH FAN.
6. PROVIDE UNIT WITH A SMOKE DETECTOR IN THE SUPPLY AND RETURN AIR DUCT. BOTH WIRED TO SHUT DOWN UNIT ON ACTIVATION. DETECTORS FURNISHED BY ELECTRICAL CONTRACTOR FOR INSTALLATION BY MECHANICAL CONTRACTOR.

THRU-WALL UNIT SCHEDULE

MARK	SUPPLY AIR CFM	OUTSIDE AIR CFM (MIN.)	COOLING CAPACITY (MBH) SENS.	TOTAL	VOLTS/ PHASE	HACR BREAKER	ELECTRIC HEAT (KW)	MANUFACTURER AND MODEL NUMBER
TWU-1	260	70	8.7	12.5	208/1ø	25	3.3 2 STAGE	AMANA PTC123

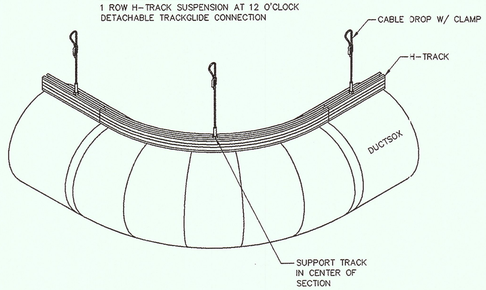
THRU-WALL UNIT SCHEDULE NOTES:

1. ALL UNITS SHALL BE U.L. LISTED AND HAVE A 5 YEAR COMPRESSOR WARRANTY.
2. UNITS COOLING CHASSIS SHALL BE EASILY REMOVED FOR SERVICE AND MAINTENANCE WITHOUT REMOVING THE WALL SLEEVE OR DISCONNECTION OF DUCTWORK.
3. TWU-1 SHALL HAVE UNIT MOUNTED ON-OFF-AUTO SWITCH.
4. PROVIDE EACH UNIT WITH AN INTERIOR WALL TRIM FLANGE, WALL SLEEVE, REFRIGERANT, AND 1" ALUMINUM MESH AIR FILTER.
5. EACH UNIT SHALL HAVE AN ARCHITECTURAL ALUMINUM WALL LOUVER WITH WALL FLANGE. VERIFY LOUVER COLOR, STYLE AND SIZE WITH ARCHITECT PRIOR TO ORDERING.
6. PROVIDE A WALL SLEEVE EXTENSION FOR EACH UNIT IF REQUIRED BY WALL THICKNESS.
7. PROVIDE TWU-1 WITH A FACTORY FURNISHED ELECTRICAL CORD AND MATCHING RECEPTICLE.



SUSPENSION DETAIL

1 ROW H-TRACK SUSPENSION AT 12 O'CLOCK DETACHABLE TRACKGLIDE CONNECTION

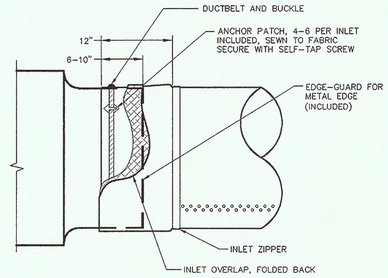


SUSPENSION DETAIL

RADIUS H-TRACK SECTION, 1 ROW SHOWN

H-TRACK SUSPENSION WITH SNAP-TAB ATTACHMENT

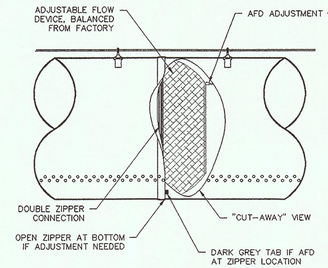
NOT TO SCALE



FABRIC DUCT INLET ATTACHMENT DETAIL

NOT TO SCALE

FABRIC DUCT WITH ZIPPER AND OVERLAP



ADJUSTABLE FLOW DEVICE (AFD)

NOTES:

1. INSTALLED AT ZIPPER LOCATION AT INLET OR AS SPECIFIED IN OTHER LOCATONS BY MANUFACTURER. ZIPPER TO ZIPPER CONNECTION AS SHOWN.
2. EXTERNAL LABEL IDENTIFIES LOCATION OF ADJUSTABEL FLOW DEVICE.

SPLIT SYSTEM HEAT PUMP SCHEDULE

INDOOR UNIT DATA														OUTDOOR UNIT DATA						
MARK	CFM	E.S.P. INCHES W.G.	EVAP. FAN HP	OUTSIDE AIR CFM	COOLING CAPACITY AT ARI CONDITIONS SENS.	TOTAL	NOM. TONS	WEIGHT (LBS)	EMERGENCY ELECT. HEAT (KW / STEPS)	VOLTS/ PHASE	COOLING F.L.A.	MOCP (AMPS)	MANUFACTURER AND MODEL NUMBER	MARK	COOLING MBH AT 95° F	WEIGHT (LBS)	VOLTS/ PHASE	F.L.A.	MOCP (AMPS)	MANUFACTURER AND MODEL NUMBER
AHU-1	1400	0.8"	3/4	140	32.1	43.0	3.5	220	7.2/1	208/3	5.9	40	TRANE TWE060	HP-1	43.0	250	208/3	14.2	30	TRANE TWA0042A3
AHU-2	1200	0.75"	1/2	120	28.2	37.0	3.0	200	7.2/1	208/3	4.2	40	TRANE TWE048	HP-2	37.0	180	208/3	9.7	25	TRANE TWA0036A3
AHU-3	1600	0.54"	1/2	120	35.3	48.0	4.0	200	7.2/1	208/3	4.2	40	TRANE TWE048	HP-3	48.0	180	208/3	15.6	30	TRANE TWA0048A3
AHU-4	400	0.5"	1/8	40	9.3	14.1	1.0	200	3.6/1	208/1	0.9	25	TRANE TWE018	HP-4	14.1	160	208/1	8.1	15	TRANE TWB0012A1
AHU-5	600	0.5"	1/4	60	13.3	18.4	1.5	200	3.6/1	208/1	0.9	25	TRANE TWE024	HP-5	18.4	160	208/1	7.9	15	TRANE TWB0018A1

SPLIT SYSTEM HEAT PUMP SCHEDULE NOTES:

1. EACH UNIT SHALL BE U.L. LISTED, AND ALL COMPRESSORS SHALL HAVE A FIVE YEAR WARRANTY.
2. PROVIDE EACH SYSTEM COMPLETE WITH DISPOSABLE AIR FILTERS, REFRIGERANT, REFRIGERANT PIPING, OUTDOOR THERMOSTAT, LOW AMBIENT COOLING CONTROL TO 0° FAHRENHEIT, TYPE "M" COPPER CONDENSATE DRAIN WITH 4" DEEP P-TRAP, AND AUXILIARY ELECTRIC HEAT.
3. PROVIDE EACH SYSTEM COMPLETE WITH A LOW VOLTAGE ELECTRONIC PROGRAMMABLE THERMOSTAT WITH EMERGENCY HEAT SWITCH FOR CONTROL. THERMOSTATS SHALL BE JOHNSON CONTROLS MODEL T-500 OR APPROVED EQUAL. PROVIDE LOCKING LEXAN COVER FOR PROTECTION.
4. PROVIDE EACH AIR HANDLER WITH A MOTORIZED OUTSIDE AIR INTAKE DAMPER. INTERLOCK DAMPER WITH UNIT SUCH THAT DAMPER WILL OPEN ONLY ON A CALL FOR HEATING OR COOLING - NOT ON FAN ONLY OPERATION.
5. PROVIDE AHU-1 WITH A SMOKE DETECTOR IN BOTH THE SUPPLY AND RETURN AIR DUCTS, BOTH WIRED TO SHUT UNITS DOWN ON DETECTION. SMOKE DETECTORS SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR, FOR INSTALLATION IN THE DUCTWORK BY THE MECHANICAL CONTRACTOR.
6. FOLLOW ALL MANUFACTURER RECOMMENDATIONS REGARDING REFRIGERANT LINE SIZES AND LENGTHS, AND REQUIREMENTS GOVERNING USE AND INSTALLATION OF SUCTION LINE ACCUMULATORS.
7. THE HEAT PUMP CONDENSING UNITS SHALL SET ON 3" TALL PLASTIC LEGS TO ALLOW WATER TO DRAIN FROM AROUND UNIT AFTER THE DEFROST CYCLE HAS RAN. THE LEGS SHALL BE PROVIDED BY THE UNIT MANUFACTURER.
8. AHU-2, AHU-3, AHU-4 & AHU-5 SHALL HAVE FIRESTATS LOCATED IN RETURN DUCT. FIRESTATS SHALL BE PROVIDE AND INSTALLED BY MECHANICAL. FIRESTATS SHALL BE WIRED TO SHUT UNITS DOWN UPON ACTIVATION.

EXHAUST FAN SCHEDULE

MARK	CFM	E.S.P. IN WG	HP	RPM	TIP SPEED	TYPE	DRIVE TYPE	CONTROL	VOLTS/ PHASE	MANUFACTURER AND MODEL NUMBER
EF-1	50	0.25	0.009	1200	1765	CEILING EXHAUSTER	DIRECT	WALL SWITCH	120/1ø	COOK GC-120
EF-2	100	0.25	0.009	1500	2513	INLINE CEILING EXHAUSTER	DIRECT	SEE NOTE 4	120/1ø	COOK GN-140
EF-3	1200	0.3	1/6	1102	---	DIRECT DRIVE INLINE CENTRIFUGAL	DIRECT	WALL SWITCH	120/1ø	COOK 135SQN10D

EXHAUST FAN SCHEDULE NOTES:

1. ALL UNITS SHALL BE U.L. LISTED AND AMCA CERTIFIED.
2. PROVIDE CEILING EXHAUST UNITS COMPLETE WITH WALL SWITCH, SPEED CONTROL, BACKDRAFT DAMPER, AND WALL OR ROOF JACK AS SHOWN ON DRAWINGS.
3. PROVIDE INLINE FANS COMPLETE WITH BACKDRAFT DAMPER, SPEED CONTROL, AND VIBRATION ISOLATION MOUNTING HARDWARE.
4. INTERLOCK EF-2 WITH WHIRLPOOL SO THAT FAN STARTS WHEN WHIRLPOOL IS IN OPERATION. EF-2 NOT SERVING A WHIRLPOOL SHALL BE CONTROLLED BY WALL SWITCH AS SHOWN ON DRAWINGS.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

MARK	SERVICE	DESCRIPTION	CONSTRUCTION / FINISH	MANUFACTURER AND MODEL NUMBER	ACCESSORIES AND FEATURES
CD	CEILING DIFFUSER	LOUVERED FACE, ADJUSTABLE PATTERN	STEEL / WHITE	KRUEGER SERIES SHPCR	T-BAR FRAME
CD1	CEILING DIFFUSER	LOUVERED FACE, ADJUSTABLE PATTERN	STEEL / WHITE	KRUEGER SERIES SHPCR	SURFACE MOUNT
CDA	CEILING DIFFUSER	LOUVERED FACE, ADJUSTABLE PATTERN	ALUMINUM / WHITE	KRUEGER SERIES 5SHPCR	T-BAR FRAME
SWR	SIDEWALL GRILLE	HORIZONTAL BLADES, DOUBLE DEFLECTION	STEEL / WHITE	KRUEGER SERIES 480H	SURFACE MOUNT
CR	CEILING RETURN	1/2" x 1/2" x 1/2" EGGCRATE FACE GRILLE	ALUMINUM / WHITE	KRUEGER SERIES EGC-5	T-BAR FRAME
CR1	CEILING RETURN	1/2" x 1/2" x 1/2" EGGCRATE FACE GRILLE	ALUMINUM / WHITE	KRUEGER SERIES EGC-5	SURFACE MOUNT
RG	RETURN GRILLE	HEAVY DUTY CONST., HORIZ. BLADES, 30° DEFLECTION	STEEL / WHITE	KRUEGER SERIES S480H	SURFACE MOUNT
EG	EXHAUST GRILLE	HEAVY DUTY CONST., HORIZ. BLADES, 30° DEFLECTION	STEEL / WHITE	KRUEGER SERIES S480H	SURFACE MOUNT

GRILLE, REGISTER, AND DIFFUSER SCHEDULE NOTES:

1. VERIFY FRAME STYLE, FINISH, AND U.L. RATINGS OF ALL CEILINGS AND WALLS WITH ARCHITECT PRIOR TO ORDERING EQUIPMENT.
2. PROVIDE SQUARE TO ROUND TRANSITIONS AS REQUIRED.

ELECTRIC HEAT SCHEDULE

MARK	TYPE	CONTROL	CAPACITY (MBH)	KW/ STEPS	VOLTS/ PHASE	MANUFACTURER AND MODEL NUMBER
EH-1	WALL MOUNTED FAN FORCED	INTEGRAL THERMOSTAT	17.1	5.0/1	208/1ø	MARKEL SERIES 3450
EH-2	UNIT HEATER, FAN FORCED	THERMOSTAT ON UNIT	11.2	3.3/1	208/1ø	MARKEL SERIES 5100
EH-3	UNIT HEATER, FAN FORCED	THERMOSTAT ON UNIT	17.1	5.0/1	208/1ø	MARKEL SERIES 5100
EDH-1	DUCT HEATER	CONTROLED FROM PAU-1	68.0	20/2	208/3ø	MARKEL SERIES HF

ELECTRIC HEAT SCHEDULE NOTES:

1. ALL UNITS SHALL BE U.L. LISTED.
2. PROVIDE ADJUSTABLE HORIZONTAL LOUVERS AND SWIVEL TYPE WALL MOUNTING BRACKET FOR EH-2 AND EH-3 UNIT.
3. FURNISH ALL UNITS WITH AN INTEGRAL ELECTRICAL DISCONNECT.

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Drawing Description.... SCHEDULES & DETAILS - HVAC

Drawn by: KLR
Checked by: JRW
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK REGISTERED ENGINEER No. 104864 State of Tennessee 7/22/05

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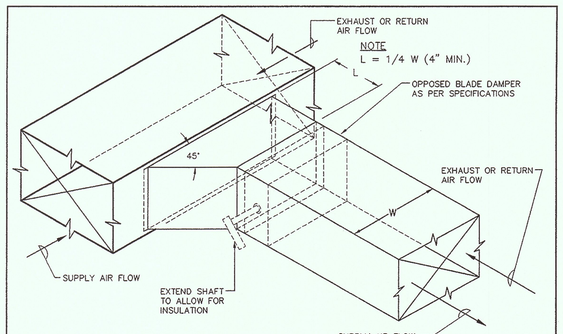
PROJECT NO. 23316

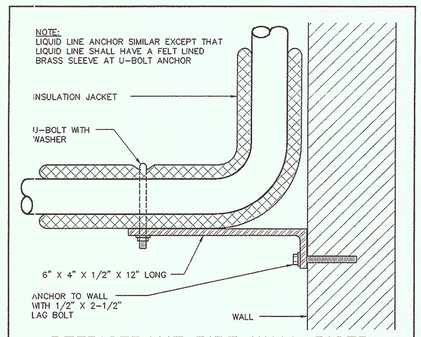
Dwg No. M 3.1

Project No. 05036



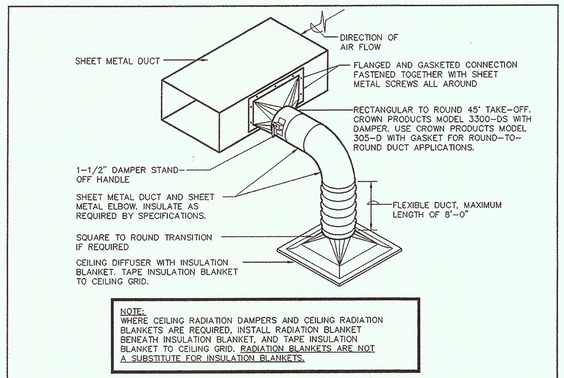
BRANCH DUCT TAKE-OFF AT MAIN TRUNK

NOT TO SCALE



REFRIGERANT PIPE WALL RISER ANCHORING DETAIL

NOT TO SCALE



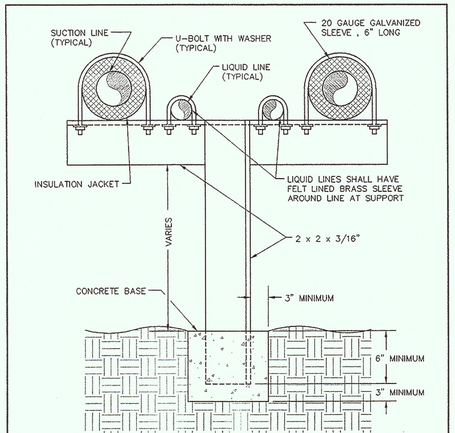
NOTE:
WHERE CEILING RADIATION DAMPERS AND CEILING RADIATION BLANKETS ARE REQUIRED, INSTALL RADIATION BLANKET BENEATH INSULATION BLANKET, AND TAPE INSULATION BLANKET TO CEILING GRID. RADIATION BLANKETS ARE NOT A SUBSTITUTE FOR INSULATION BLANKETS.

DUCT TAKE-OFF AT SHEET METAL DUCT DETAIL

NOT TO SCALE

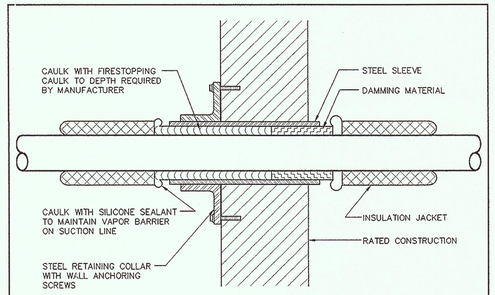
SINGLE LINE DUCT LEGEND & SYMBOLS

- SUPPLY DUCT
- RETURN & EXHAUST DUCT
- MANUAL OPPOSED BLADE DAMPER
- CROWN 3300DS FITTING WITH DAMPER AND DUCT TO DIFFUSER
- SQUARE TURN WITH DOUBLE THICKNESS TURNING VANES
- FULL RADIUS ELBOW
- POINT OF NEW CONNECTION TO EXISTING
- (1) 1 SQU/FT (OF FREE AREA) DOOR GRILLE
- MOTORIZED DAMPER
- HORIZONTAL FIRE DAMPER
- HORIZONTAL FIRE\SMOKE DAMPER
- HORIZONTAL SMOKE DAMPER
- VERTICAL FIRE DAMPER
- VERTICAL FIRE\SMOKE DAMPER
- VERTICAL SMOKE DAMPER
- UC 3/4" DOOR UNDERCUT
- SUPPLY DIFFUSER
- RETURN REGISTER OR GRILLE
- EXHAUST FAN, REGISTER, OR GRILLE
- (T) WALL THERMOSTAT
- (H) HUMIDISTAT
- (S) SENSOR
- (SC) SPEED CONTROLLER
- (WS) WALL SWITCH



REFRIGERANT PIPE EXTERIOR SUPPORT ANCHORING DETAIL

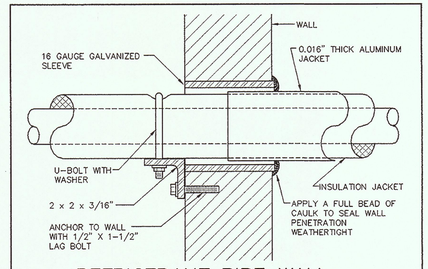
NOT TO SCALE



REFRIGERANT PIPE PENETRATION OF RATED CONSTRUCTION DETAIL

NOT TO SCALE

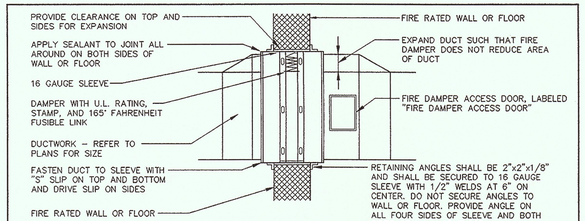
NOTES:
1. ALL FIRESTOPPING SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS, AND FIRE RESISTANCE RATING REQUIRED.
2. LIQUID LINE INSTALLATION SIMILAR EXCEPT THAT LINE SHALL HAVE NO INSULATION JACKET.



REFRIGERANT PIPE WALL PENETRATION ANCHORING DETAIL

NOT TO SCALE

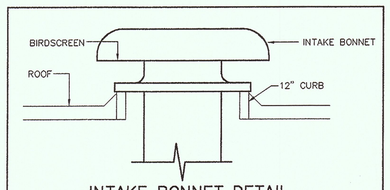
NOTES:
1. LIQUID LINE ANCHOR SIMILAR EXCEPT THAT LIQUID LINE SHALL HAVE A FELT LINED BRASS SLEEVE AT U-BOLT ANCHOR.
2. ALL REFRIGERANT LINES OUTSIDE BUILDING SHALL HAVE A 0.016" THICK ALUMINUM JACKET FOR PROTECTION. CAULK ALL JOINTS AND SEAMS OF JACKET WEATHERTIGHT.



FIRE DAMPER DETAIL

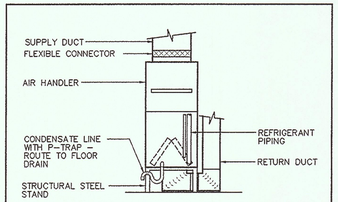
NOT TO SCALE

NOTES:
1. INSTALL ALL FIRE DAMPERS IN ACCORDANCE WITH N.F.P.A. NO. 90A AND ALL APPLICABLE LOCAL CODES.
2. INSTALL ALL FIRE DAMPERS IN ACCORDANCE WITH SMACNA FIRE DAMPER GUIDE PLATE 2.
3. EACH FIRE DAMPER SHALL BE DYNAMIC RATED AND HAVE AN INTEGRAL DRIVE SPRING INCLUDED (REGARDLESS OF DAMPER POSITION) TO PROVIDE POSITIVE DAMPER CLOSURE.



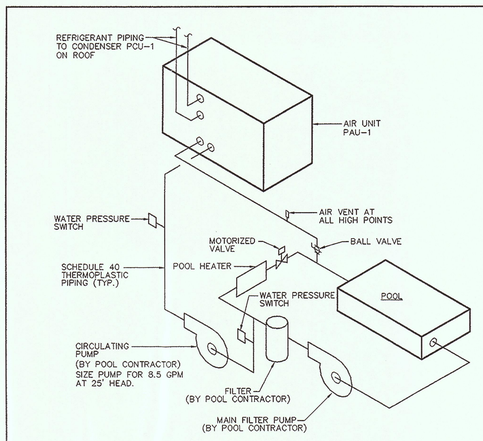
INTAKE BONNET DETAIL

NOT TO SCALE



AIR HANDLER INSTALLATION DETAIL

N.T.S.



POOL UNIT PIPING SCHEMATIC

NOT TO SCALE

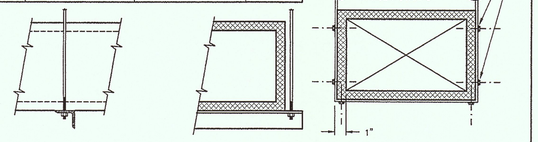
HANGER SIZES FOR RECTANGULAR DUCT

MAX. SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1"x18" GAGE STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1-1/2"x1-1/2"x1/8"	8'-0"
48"	1/4" ROUND ROD	2"x2"x1/8"	8'-0"
60"	5/16" ROUND ROD	2"x2"x1/8"	8'-0"
84"	3/8" ROUND ROD	2"x2"x1/8"	8'-0"

NOTE:
ALL SUPPLY AIR DUCT SHALL BE WRAPPED EXTERNALLY AS PER SPECIFICATIONS.

NO POP RIVETS ALLOWED

SELF-TAPPING CADMIUM PLATED HEX HEAD SHEET METAL SCREW STRAPS TO BE TIGHT AGAINST DUCT.



DUCT STRAP HANGER DETAIL

NOT TO SCALE

Holiday Inn EXPRESS HOTEL & SUITES
HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

copa associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1660
E-MAIL Address copa@copa-assoicates.com

Drawing Description:
DETAILS - HVAC

Drawn by:	KLR
Checked by:	JRW
Date:	7/22/05

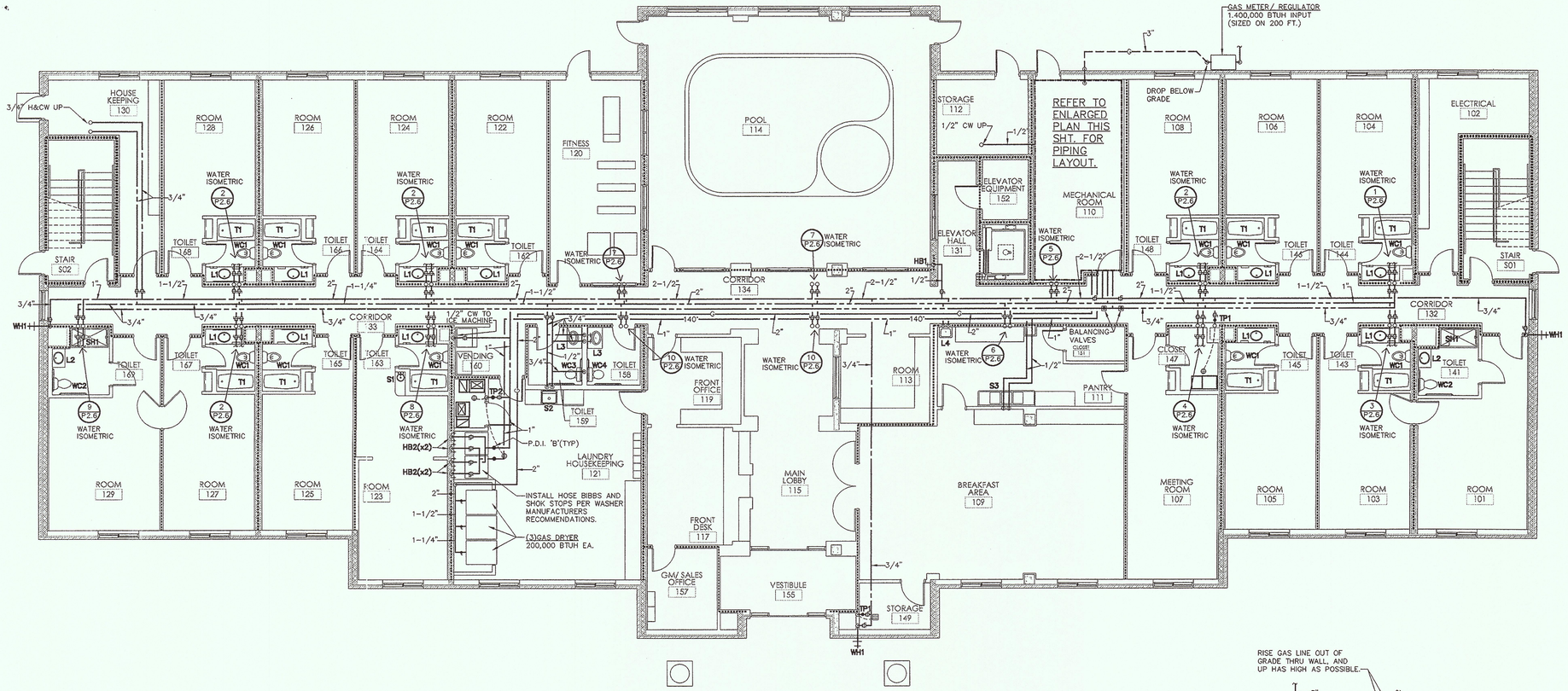
REVISIONS

No.	Date

JEFFREY R. WHILLOCK REGISTERED ENGINEER XVI
No. 104864 7-22-05
State of Tennessee

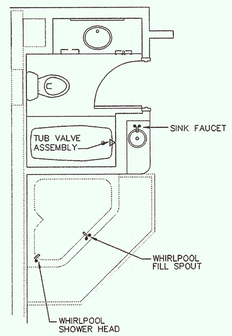
ESGA
ENGINEERING SERVICES GROUP, INC.
CONSULTING ENGINEERS
900 EAST HILL AVE. SUITE 350
KNOXVILLE, TENNESSEE 37915
(865) 522-0393
PROJECT NO. 23316

Dwg No.
M 3.2
Project No. 05036



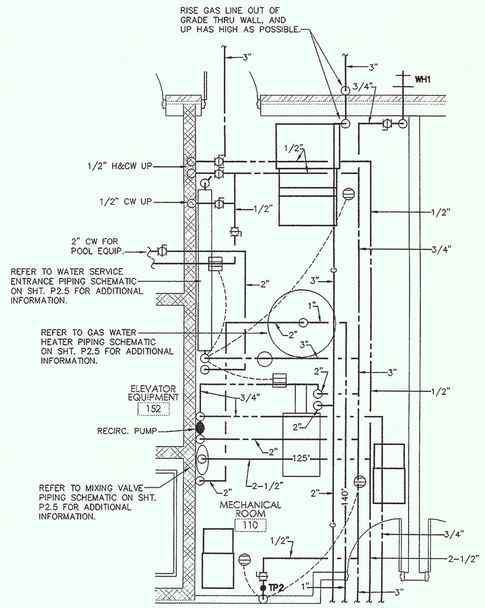
GROUND LEVEL FLOOR PLAN – SERVICES

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



TYP. VALVE/FAUCET LOCATIONS

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



ENLARGED BOILER ROOM PLAN

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

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
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ENGINEERING SERVICES GROUP, INC.
CONSULTING ENGINEERS
900 EAST HILL AVE. SUITE 350
KNOXVILLE, TENNESSEE 37915
(865) 522-0393
PROJECT NO. 25316

Drawing Description: GROUND LEVEL FLOOR PLAN SERVICES

Drawn by: MSD
Checked by: JRW
Date: 7/22/05

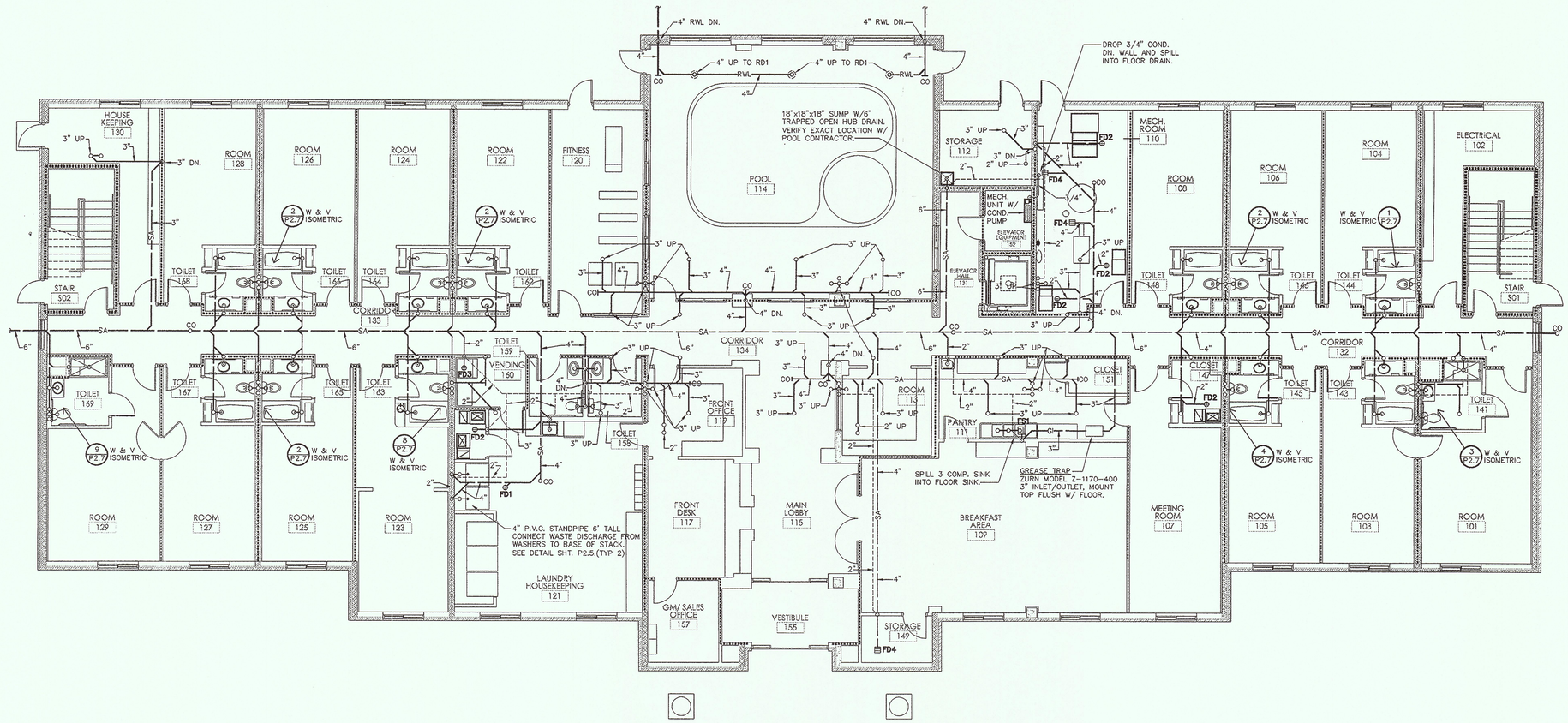
REVISIONS

No.	Date

JEFFREY R. WHITLOCK REGISTERED ENGINEER XVI ARCHITECTURE No. 104664 State of Tennessee

Dwg No. P 2.1

Project No. 05036



GROUND LEVEL FLOOR PLAN – WASTE & VENT

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

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
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Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address copa@copa-associates.com

Drawing Description.....
GROUND LEVEL FLOOR PLAN
WASTE & VENT

Drawn by:	MSD
Checked by:	JRW
Date:	7/22/05

REVISIONS

No.	Date

JEFFREY R. WAILLES REGISTERED ENGINEER AGRICULTURE No. 104864 State of Tennessee

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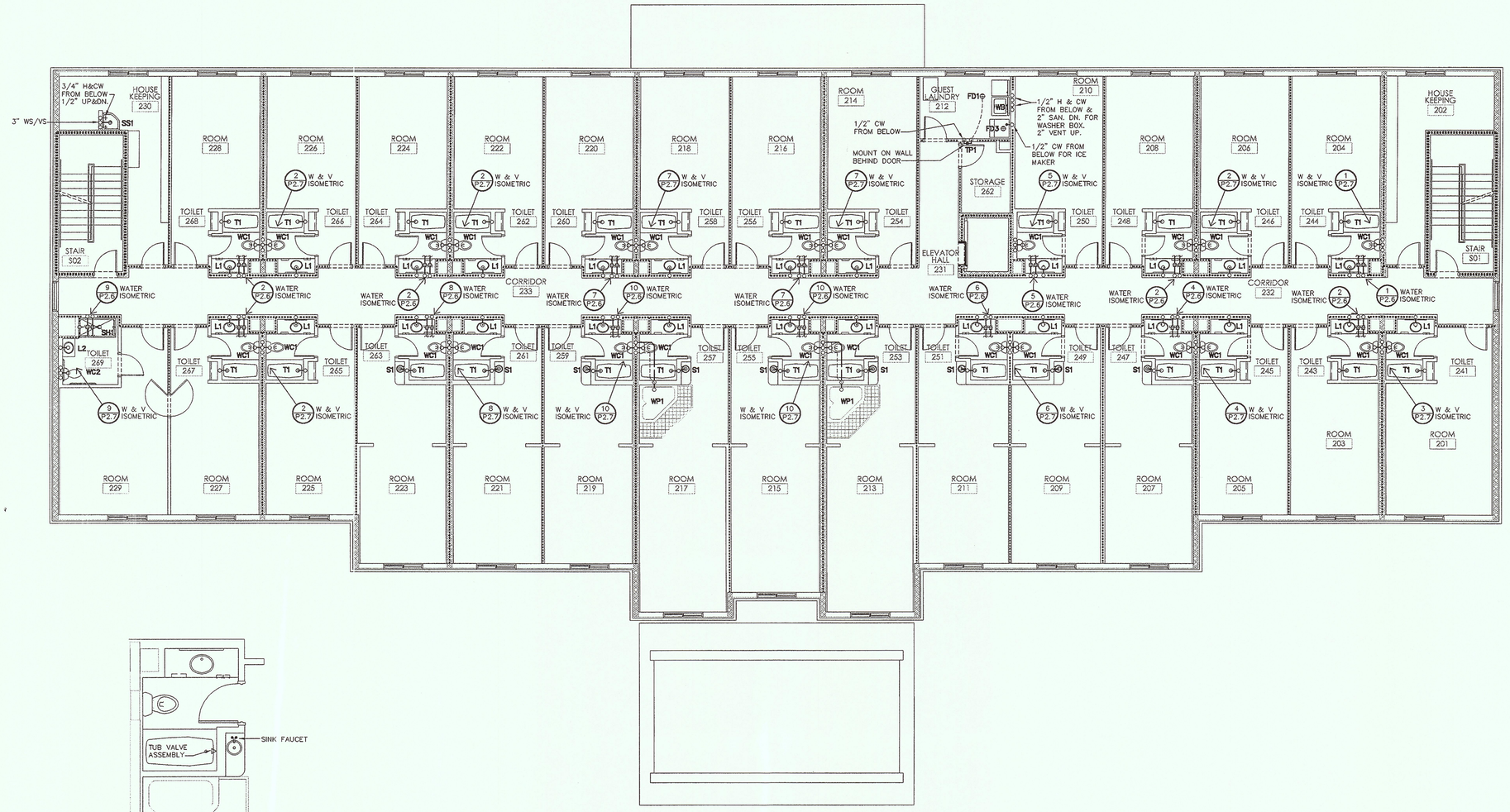
(865) 522-0393
PROJECT No. 25316

Dwg No.
P 2.2
Project No. 05036



SECOND LEVEL FLOOR PLAN – PLUMBING
SCALE: 1/8"=1'-0"

TYP. VALVE/FAUCET LOCATIONS
SCALE: 1/4"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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FAX Number (865) 584-1860
E-MAIL Address copa@copa-associates.com

Drawing Description.....
SECOND LEVEL FLOOR PLAN - PLUMBING

Drawn by: MSD
Checked by: RWD
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK
REGISTERED ENGINEER
No. 104864
State of Tennessee

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ENGINEERING SERVICES GROUP, INC.
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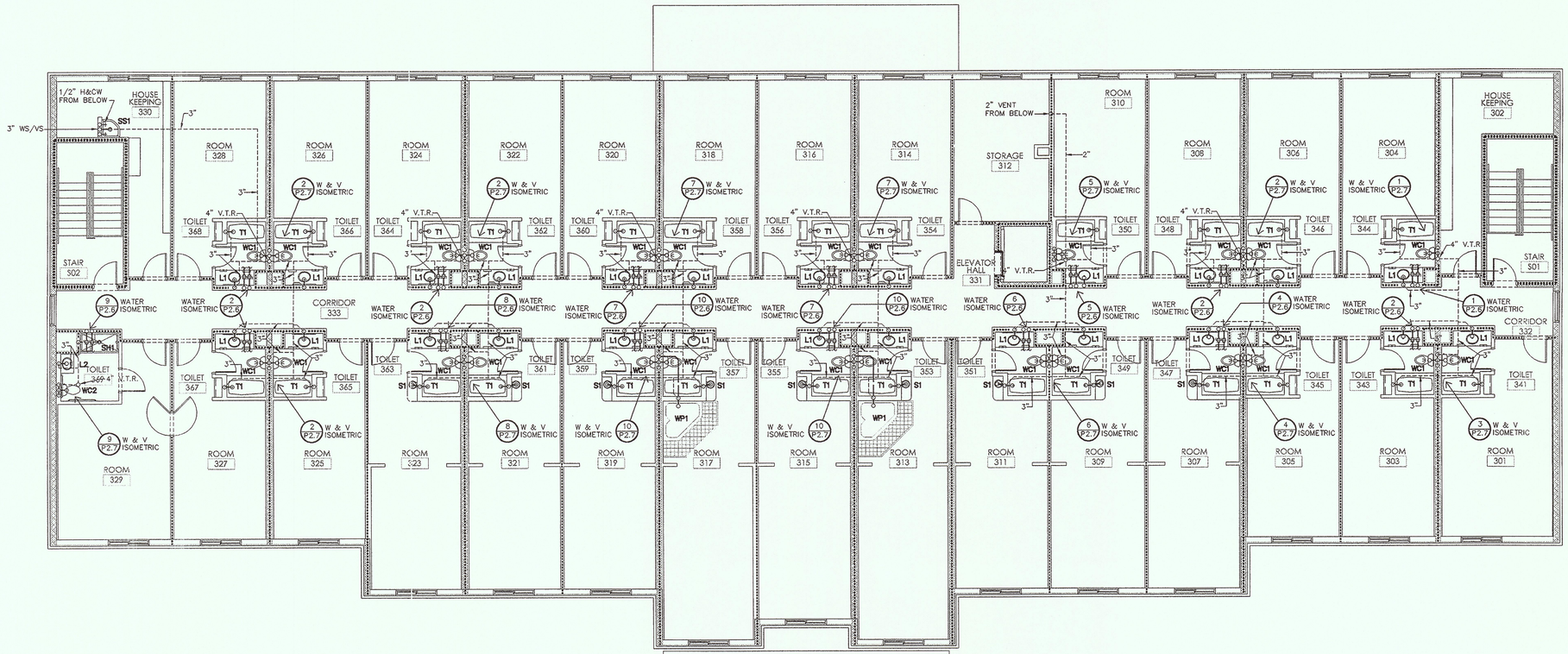
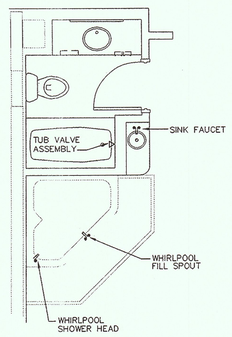
KNOXVILLE, TENNESSEE 37915
(865) 522-0393
PROJECT No. 25316

Dwg No.
P 2.3

Project No. 05036



THIRD LEVEL FLOOR PLAN – PLUMBING
SCALE: 1/8"=1'-0"



TYP. VALVE/FAUCET LOCATIONS
SCALE: 1/4"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
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2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-6000
FAX Number (865) 584-1860
E-MAIL Address copa@copa-associates.com

Drawing Description....
THIRD LEVEL FLOOR PLAN - PLUMBING

Drawn by:	MSD
Checked by:	RWD
Date:	7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK
REGISTERED ENGINEER
No. 104964
State of Tennessee

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900 EAST HILL AVE. SUITE 350
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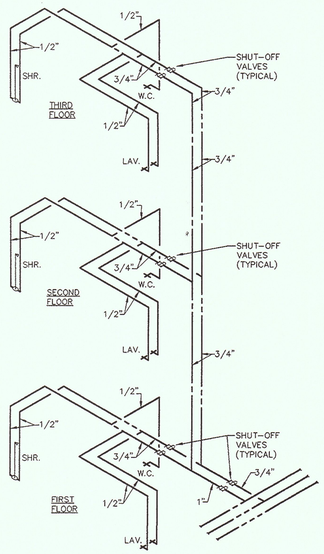
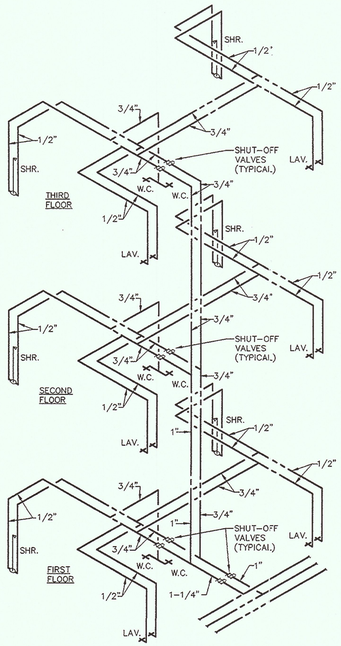
(865) 522-0393
PROJECT No. 25316

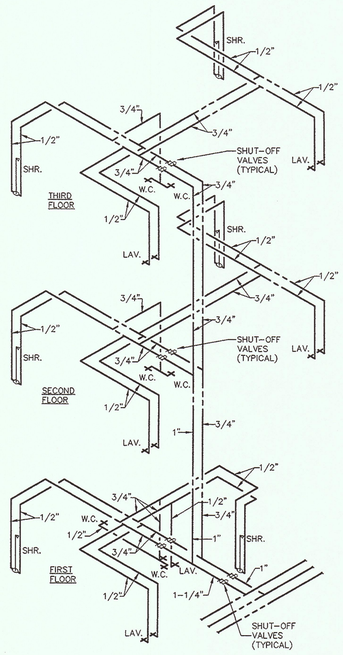
Dwg No.
P 2.4
Project No. 05036



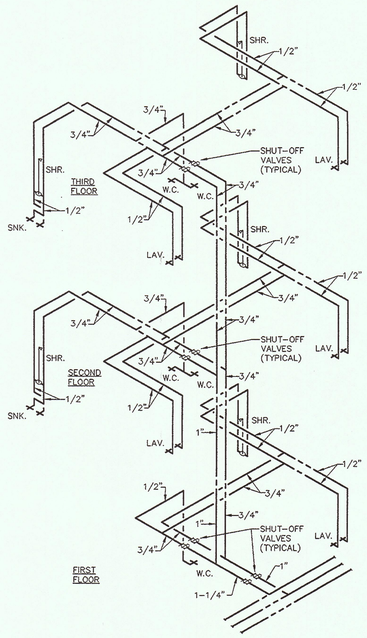
1 P2.6 WATER ISOMETRIC
N.T.S.



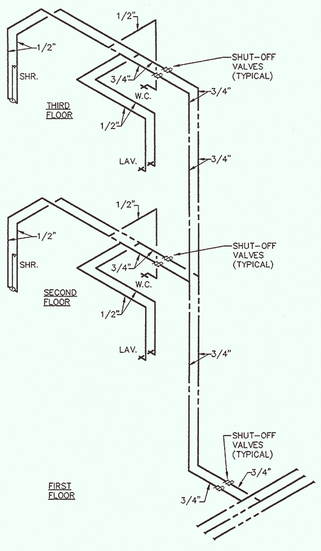
2 P2.6 WATER ISOMETRIC
N.T.S.



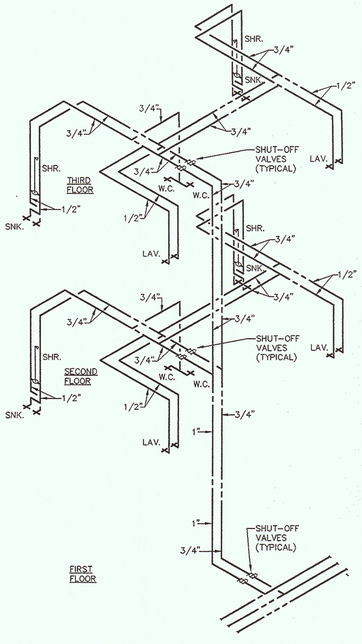
3 P2.6 WATER ISOMETRIC
N.T.S.



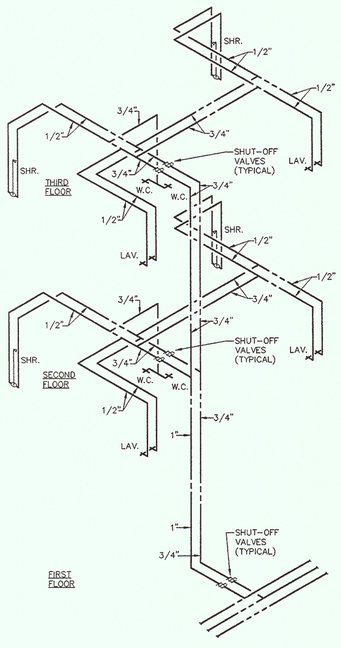
4 P2.6 WATER ISOMETRIC
N.T.S.



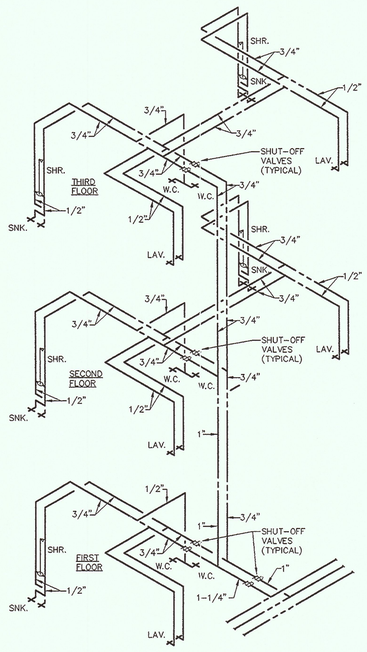
5 P2.6 WATER ISOMETRIC
N.T.S.



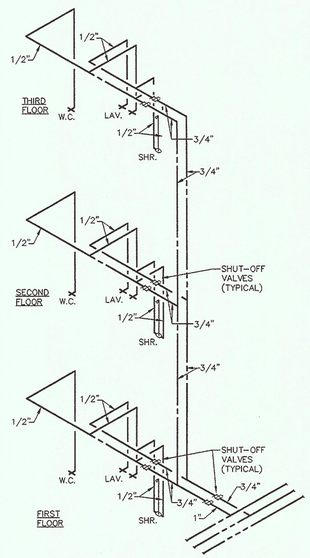
6 P2.6 WATER ISOMETRIC
N.T.S.



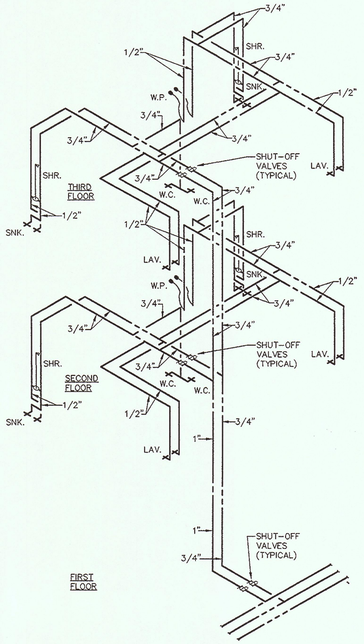
7 P2.6 WATER ISOMETRIC
N.T.S.



8 P2.6 WATER ISOMETRIC
N.T.S.



9 P2.6 WATER ISOMETRIC
N.T.S.



10 P2.6 WATER ISOMETRIC
N.T.S.

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

copa associates inc architecture
2607 Kingston Pike, Suite 5
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FAX Number (865) 584-1663
E-MAIL Address copa@copa-associates.com

Drawing Description: WATER ISOMETRICS

Drawn by: MSD
Checked by: JRW
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK — REGISTERED ENGINEER — No. 104654 — State of Tennessee — 7/22/05

ENGINEERING SERVICES GROUP, INC.
CONSULTING ENGINEERS
900 EAST HILL AVE. SUITE 350
KNOXVILLE, TENNESSEE 37915
(865) 522-0393
PROJECT NO. 25316

Dwg No. P 2.6

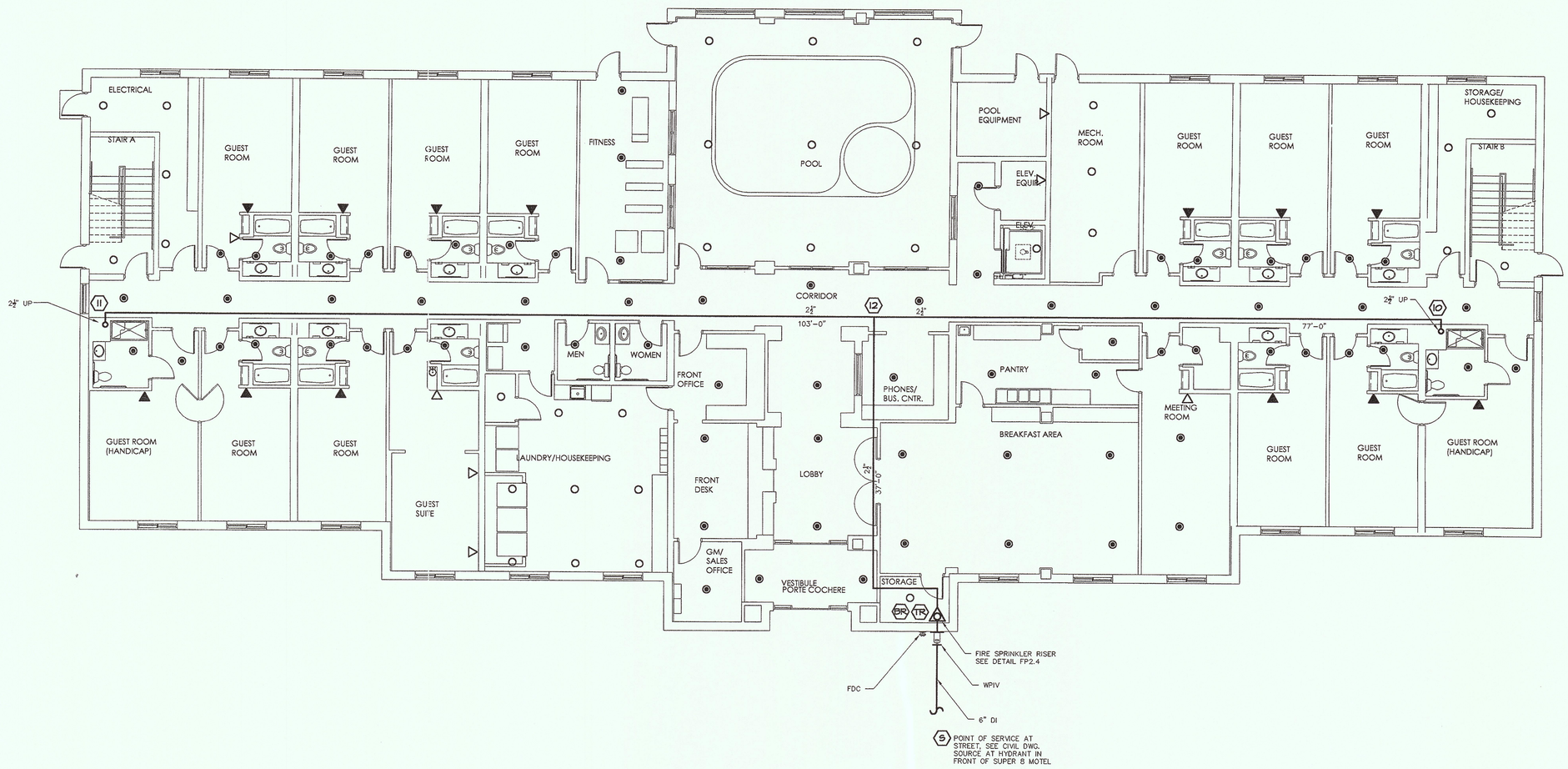
Project No. 05036

SPRINKLER HEAD LEGEND

SYM	TYPE	TEMP	ORIFICE	k FACTOR	MANUFACTURER
◉	QUICK RESPONSE CHROME PENDENT	155	1/2"	5.6	VIKING MODEL M VK302
○	QUICK RESPONSE UPRIGHT	155	1/2"	5.6	VIKING MODEL M VK300
◁	QUICK RESPONSE SIDEWALL	155	1/2"	5.6	VIKING MODEL M VK446
◀	QUICK RESPONSE EXTENDED COVERAGE SIDEWALL	155	3/4"	8.0	VIKING MODEL M VK606

FIRE PROTECTION

SYMBOL	DESCRIPTION
F	FIRE LINE
	HYDRAULIC REMOTE AREA
	CONNECTION POINT
FDC	FIRE DEPARTMENT CONNECTION
27	HYDRAULIC NODE POINT
WPIV	WALL POST VALVE WITH TAMPER



GROUND LEVEL FLOOR PLAN – FIRE PROTECTION

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

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
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2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 594-9000
FAX Number (865) 594-9005
E-MAIL Address copa@copa-associates.com

Drawing Description....
GROUND LEVEL FLOOR PLAN - FIRE PROTECTION

Drawn by: RWT
Checked by: RD
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK REGISTERED ENGINEER XVI No. 104864 STATE OF TENNESSEE

ESG
ENGINEERING SERVICES GROUP, INC.
CONSULTING ENGINEERS
900 EAST HILL AVE, SUITE 350
KNOXVILLE, TENNESSEE 37915
(865) 522-0393
PROJECT NO. 25916

Dwg No. FP 2.1

Project No. 05036

SPRINKLER HEAD LEGEND

SYM	TYPE	TEMP	ORIFICE	k FACTOR	MANUFACTURER
◉	QUICK RESPONSE CHROME PENDENT	155	1/2"	5.6	VIKING MODEL M VK302
○	QUICK RESPONSE UPRIGHT	155	1/2"	5.6	VIKING MODEL M VK300
◁	QUICK RESPONSE SIDEWALL	155	1/2"	5.6	VIKING MODEL M VK446
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FIRE PROTECTION

SYMBOL	DESCRIPTION
F	FIRE LINE
	HYDRAULIC REMOTE AREA
	CONNECTION POINT
FDC	FIRE DEPARTMENT CONNECTION
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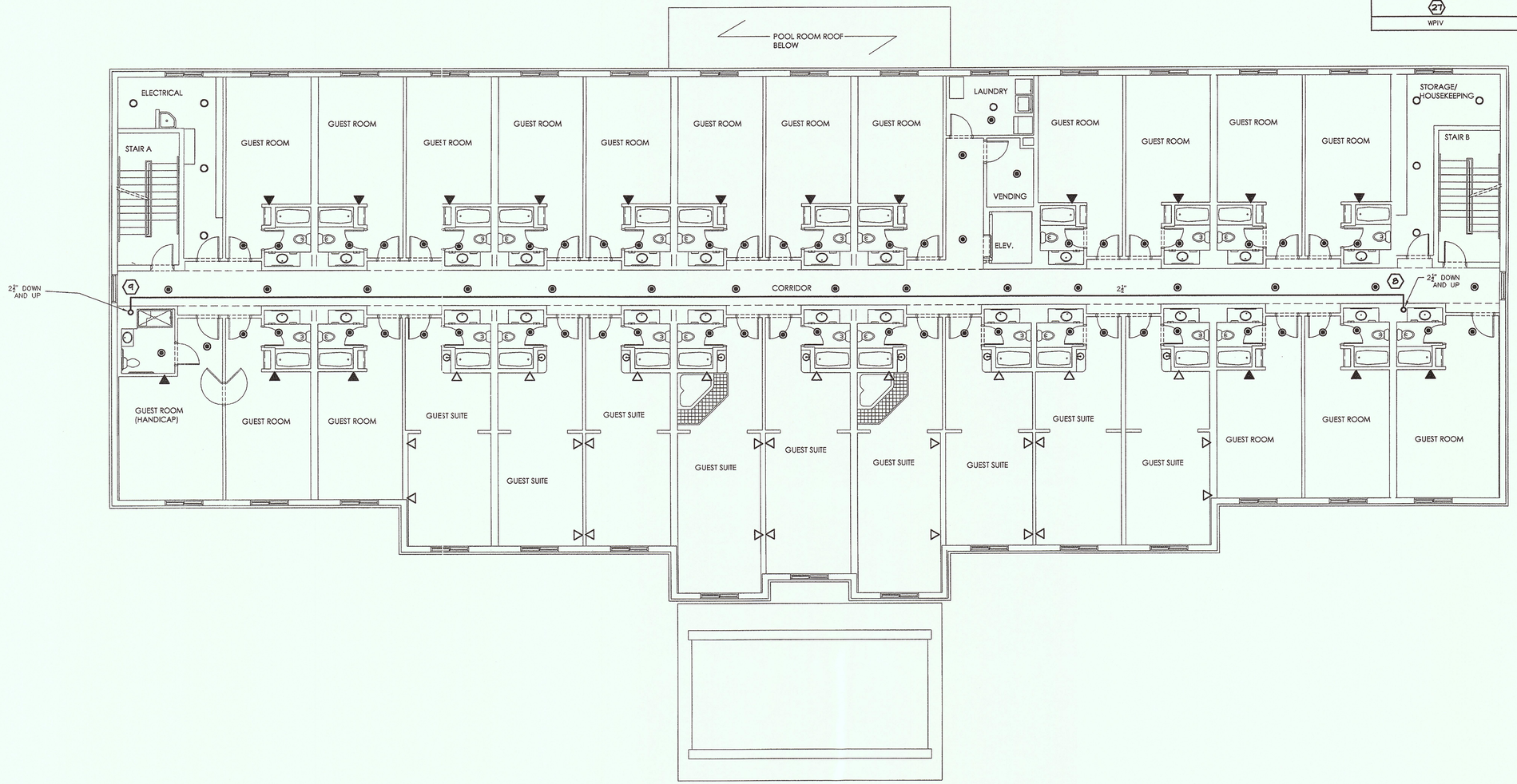
WPIV	WALL POST VALVE WITH TAMPER



SECOND LEVEL FLOOR PLAN – FIRE PROTECTION
SCALE: 1/8"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

Drawing Description....
SECOND LEVEL FLOOR PLAN - FIRE PROTECTION

Drawn by: RWT
Checked by: JRW
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK REGISTERED ENGINEER No. 104864 State of Tennessee

ESG
ENGINEERING SERVICES GROUP, INC.
CONSULTING ENGINEERS
900 EAST HILL AVE, SUITE 350
KNOXVILLE, TENNESSEE 37915
(865) 522-0393
PROJECT NO. 25316

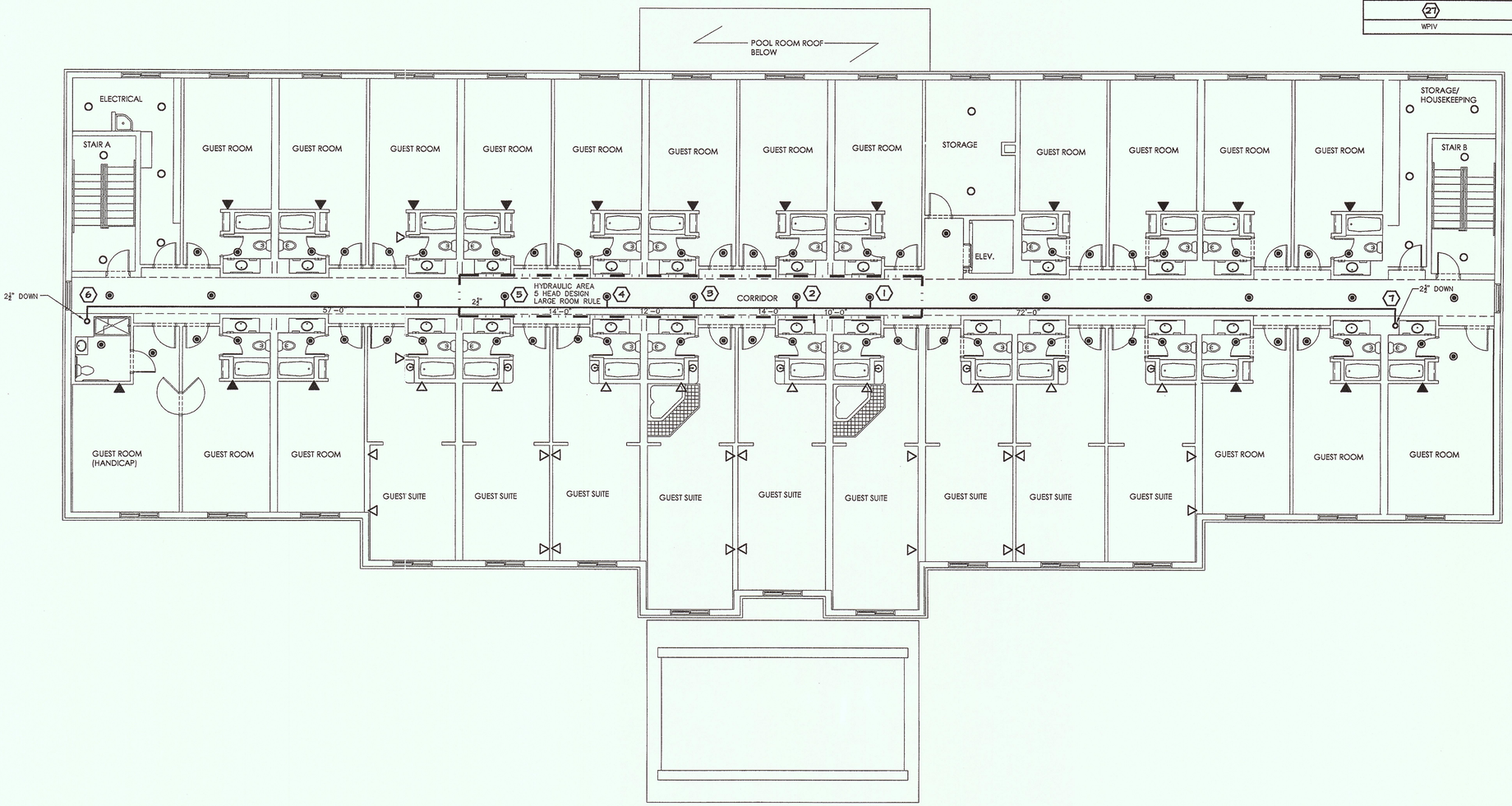
Dwg No.
FP 2.2
Project No. 05036

SPRINKLER HEAD LEGEND

SYM.	TYPE	TEMP	ORIFICE	k FACTOR	MANUFACTURER
◉	QUICK RESPONSE CHROME PENDENT	155	1/2"	5.6	VIKING MODEL M VK302
○	QUICK RESPONSE UPRIGHT	155	1/2"	5.6	VIKING MODEL M VK300
◁	QUICK RESPONSE SIDEWALL	155	1/2"	5.6	VIKING MODEL M VK446
◀	QUICK RESPONSE EXTENDED COVERAGE SIDEWALL	155	3/4"	8.0	VIKING MODEL M VK606

FIRE PROTECTION

SYMBOL	DESCRIPTION
F	FIRE LINE
	HYDRAULIC REMOTE AREA
	CONNECTION POINT
FDC	FIRE DEPARTMENT CONNECTION
27	HYDRAULIC NODE POINT
WPIV	WALL POST VALVE WITH TAMPER



THIRD LEVEL FLOOR PLAN – FIRE PROTECTION
SCALE: 1/8"=1'-0"

Holiday Inn EXPRESS HOTEL & SUITES

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HOTEL FOR
SHASHI PATEL

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Drawing Description:
THIRD LEVEL FLOOR PLAN - FIRE PROTECTION

Drawn by: RWT
Checked by: JRW
Date: 7/22/05

REVISIONS

No.	Date

JEFFREY R. WHILLOCK REGISTERED ENGINEER No. 104864 State of Tennessee 7/26/05

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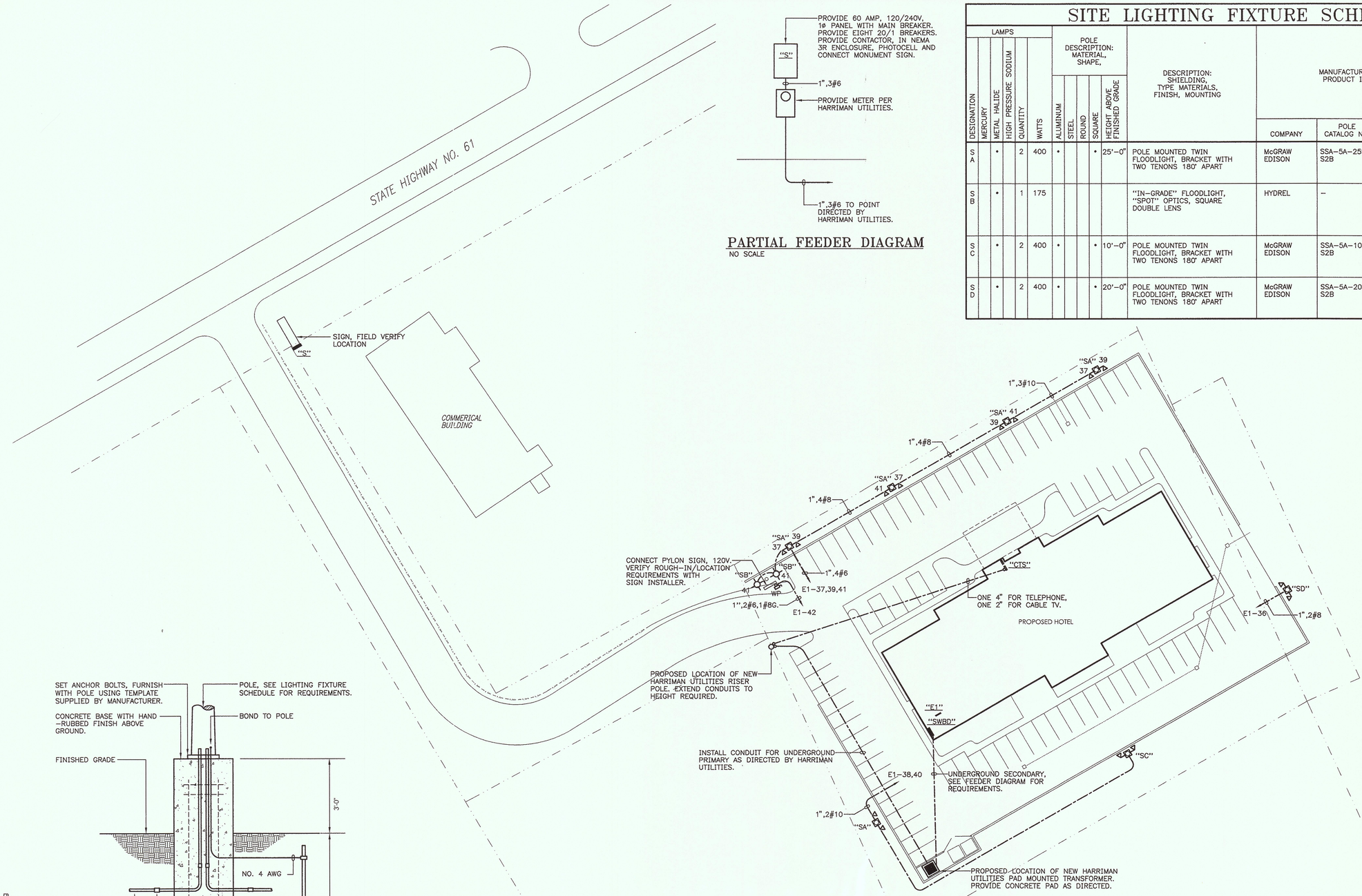
PROJECT NO. 25316

Dwg No. FP 2.3

Project No. 05036

SITE LIGHTING FIXTURE SCHEDULE

DESIGNATION	LAMPS: MERCURY	LAMPS: METAL HALIDE	LAMPS: HIGH PRESSURE SODIUM	LAMPS: QUANTITY	LAMPS: WATTS	POLE DESCRIPTION: MATERIAL, SHAPE, ALUMINUM	STEEL	ROUND	SQUARE	HEIGHT ABOVE FINISHED GRADE	DESCRIPTION: SHIELDING, TYPE MATERIALS, FINISH, MOUNTING	MANUFACTURER'S PRODUCT ITEM: COMPANY	POLE CATALOG NO.	LUMINAIRE CATALOG NO.	REMARKS
SA		•		2	400	•			•	25'-0"	POLE MOUNTED TWIN FLOODLIGHT, BRACKET WITH TWO TENONS 180° APART	McGRAW EDISON	SSA-5A-25SF-S2B	AMF-F-400MH-120-76	FINISH AS DIRECTED BY ARCHITECT
SB		•		1	175						"IN-GRADE" FLOODLIGHT, "SPOT" OPTICS, SQUARE DOUBLE LENS	HYDREL	–	M9740-A-175M-SP-120	VERIFY EXACT LOCATION OF FIXTURES WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
SC		•		2	400	•			•	10'-0"	POLE MOUNTED TWIN FLOODLIGHT, BRACKET WITH TWO TENONS 180° APART	McGRAW EDISON	SSA-5A-10SF-S2B	AMF-F-400MH-120-76	FINISH AS DIRECTED BY ARCHITECT
SD		•		2	400	•			•	20'-0"	POLE MOUNTED TWIN FLOODLIGHT, BRACKET WITH TWO TENONS 180° APART	McGRAW EDISON	SSA-5A-20SF-S2B	AMF-F-400MH-120-76	FINISH AS DIRECTED BY ARCHITECT



PARTIAL FEEDER DIAGRAM
NO SCALE

SITE PLAN – ELECTRICAL
SCALE: 1"=30'-0"

POLE BASE DETAIL
NO SCALE

NOTES:

1. UNDERGROUND CONDUITS FOR PRIMARY LINE TO PADMOUNTED TRANSFORMER SHALL BE INSTALLED MINIMUM 48" BELOW FINISHED GRADE. ALL OTHER UNDERGROUND LINES SHOWN ON THIS DRAWING SHALL BE INSTALLED MINIMUM 24" BELOW FINISHED GRADE.
2. ARRANGE WITH OWNER TO AIM PARKING LOT FLOODLIGHTS AT NIGHT. MAKE ALL ALIGNING ADJUSTMENTS REQUESTED BY OWNER AT THIS TIME.

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Drawing Description: SITE PLAN - ELECTRICAL

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

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Dwg No. SE1.1
Project No. 05036

Holiday Inn Harriman - Site Plan - Electrical.dwg
L.T.H. 07/22/05 1:01 PM LH05285(LH)

LIGHTING FIXTURE SCHEDULE

DESIGNATION	LAMPS: INCANDESCENT	LAMPS: FLUORESCENT	LAMPS: METAL HALIDE	LAMPS: HIGH PRESSURE SODIUM	LAMPS: QUANTITY	LAMPS: WATTS	MOUNTING: CEILING: PENDANT STEM LENGTH	MOUNTING: CEILING: SURFACE	MOUNTING: CEILING: RECESSED	MOUNTING: WALL: HEIGHT ABOVE FINISHED FLOOR OR GRADE	DESCRIPTION: SHIELDING, TYPE MATERIALS, FINISH, MOUNTING	MANUFACTURER'S PRODUCT ITEM: COMPANY	MANUFACTURER'S PRODUCT ITEM: CATALOG NO.	REMARKS
A		•			2	32		•			BARE LAMP STRIP MOUNTED ABOVE "EGGCRATE" LOUVERS	METALUX	S-232	EGGCRATE LOUVERS FURNISHED AND INSTALLED BY G.C.
B		•			1	13 DTT		•			DECORATIVE WALL SCONCE: POLISHED BRASS FINISH FURNISHED BY OWNER, INSTALLED BY CONTRACTOR			VERIFY MOUNTING HEIGHT WITH ARCHITECT.
C	•						•				DECORATIVE VESTIBULE PEND., SELECTED BY OWNER, INSTALLED BY CONTRACTOR			
D			•		1	100			•		UNDERCANOPY LIGHT, FRESNEL LENS	PORTFOLIO	M6024T-740 10002P	
E			•		1	175				+9'-6"	EXTERIOR WALL BRACKET FIXTURE	McGRAW EDISON	CWS-175-MH-2S-P	FINISH BY ARCHITECT.
F		•			1	32 TRT			•		RECESSED DOWNLIGHT	PORTFOLIO	C6032-IE -6050LI	
G	•				1	75 PAR30 FLOOD			•		RECESSED DOWNLIGHT	PORTFOLIO	HD4-4300-LI	
H	•				1	50 MR16			•		ADJUSTABLE ACCENT FIXTURE	PORTFOLIO	H7493DT-SA90 -9471-LI	SUPPLIED WITH A 12 VOLT DUAL TAP MAG. TRANS.
I		•			2	32		•			ACRYLIC WRAPAROUND	METALUX	W-232	
J											NOT USED TO DESIGNATE FIXTURE			
K	•				1	150 A-21			•		OPEN BOTTOM DOWNLIGHT, CLEAR REFLECTOR	PORTFOLIO	HD6-6700-LI	
L		•			2	32			•		VAPORTIGHT, 1x4, WET LOCATION LISTED	METALUX	VT2-232	
M		•			2	32		•		6'-6" AFF	WALL BRACKET, OPAL WHITE LENS, 4'-0" LONG	METALUX	BC-232	
N	•						•				DECORATIVE LOBBY PENDANT SELECTED BY OWNER, INSTALLED BY CONTRACTOR			
O											NOT USED TO DESIGNATE FIXTURE			
P	•				1	100 A-19				•	VAPORTIGHT GLOBE AND GUARD	STONCO	VWXL-11GC	
Q		•								BY ARCH	GUESTROOM ENTRY LIGHT, SELECTED BY OWNER, INSTALLED BY CONTRACTOR			
R		•			1	13 DTT		•			GUESTROOM CEILING MOUNTED BATHROOM LIGHT, SELECTED BY OWNER, INSTALLED BY CONTRACTOR.			
S		•			1	13 DTT		•			GUESTROOM WALL SCONCE AT VANITY, SELECTED BY OWNER, INSTALLED BY CONTRACTOR.			
T	•									BY ARCH	DECORATIVE VANITY SCONCE, FURNISHED BY OWNER, SELECTED BY CONTRACTOR			
U	•						•				DECORATIVE BREAKFAST AREA PENDANT, FURNISHED BY OWNER, SELECTED BY CONTRACTOR			
V	•						•				DECORATIVE EXTERIOR PENDANT, FURNISHED BY OWNER, SELECTED BY CONTRACTOR			
W	•						•				DECORATIVE MEETING ROOM PENDANT, FURNISHED BY OWNER, SELECTED BY CONTRACTOR			

L E G E N D

SYMBOL	DESCRIPTION
ES	EMERGENCY STOP, +48" AFF. USE ALLEN BRADLEY CO. MODEL NO. 800T-FC-16F WITH FLUSH GREEN BUTTON FOR "ON" AND RED MUSHROOM FOR STOP. INSTALL IN SINGLE GANG BOX WITH CLEAR WEATHERPROOF COVER, NON-LOCKING.
F	FIRE ALARM MANUAL PULL STATION, 48" AFF.
L	FIRE ALARM HORN/FLASHING STROBE COMBINATION UNIT, +80" AFF EXCEPT NOT LESS THAN 12" BELOW CEILING. "WG" BY DEVICE INDICATES WIRE GUARD TO BE PROVIDED.
L	FIRE ALARM FLASHING STROBE LIGHT, +80" AFF EXCEPT NOT LESS THAN 12" BELOW CEILING. "WG" BY DEVICE INDICATED WIRE GUARD TO BE PROVIDED.
S	CEILING MOUNTED FIRE ALARM AUTOMATIC SMOKE DETECTOR.
H	CEILING MOUNTED FIRE ALARM HEAT DETECTOR.
C	COMMUNICATIONS OUTLET FOR DATA AND/OR TELEPHONE USE, PROVIDE 4" SQUARE BOX WITH SINGLE-GANG DEVICE RING AND BLANK COVERPLATE. EXTEND EMPTY 1" CONDUIT FROM OUTLET WITH PULLSTRING BOX AS REQUIRED TO POINT ABOVE ACCESSIBLE CEILING AND TERMINATE WITH BUSHING. LOCATE OUTLET BOX 3" ABOVE BACKSPLASH AT WORK COUNTERS AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. COORDINATE ROUGH-IN/CONDUIT STUB-OUT REQUIREMENTS WITH OWNER'S COMMUNICATIONS CABLING CONTRACTOR PRIOR TO COMMENCING WITH WORK.
"FACP"	WALL MOUNTED FIRE ALARM CENTRAL CONTROL PANEL, TOP 6'-0" AFF.
TV	WALL MOUNTED TELEVISION OUTLET, PROVIDE 4" SQUARE BOX WITH SINGLE-GANG DEVICE RING AND APPROPRIATE COAXIAL TYPE COVER-PLATE, MOUNTING HEIGHT AS NOTED ON DRAWINGS. LOCATE ADJACENT TO 120V. OUTLET.
S	SINGLE-STATION SMOKE DETECTOR WALL OR CEILING MOUNTED AS INDICATED PLANS, CONNECT TO 120V. MOUNT TOP OF DETECTOR 6" BELOW CEILING WHERE WALL MOUNTED.
MH	WALL-MOUNTED FIRE ALARM "MINI-HORN", 7'-6" AFF EXCEPT NOT LESS THAN 12" BELOW CEILING. LOCATE CLEAR OF CHALKBOARDS, TACKBOARDS, ETC.
	WALL-MOUNTED TWIN-HEAD EMERGENCY LIGHTING FIXTURE, CONNECT TO UNSWITCHED LIGHTING CIRCUIT. MOUNT 7'-6" AFF EXCEPT NOT LESS THAN 6" BELOW CEILING."WG" BY DEVICE INDICATES WIRE GUARD TO BE PROVIDED.
DD	FIRE ALARM DUCT SMOKE DETECTOR, FURNISHED BY ELECTRICAL, INSTALLED DUCTWORK BY MECHANICAL, CONNECTED TO FIRE ALARM SYSTEM BY ELECTRICAL, CONNECT TO SHUT UNIT DOWN UPON ALARM. FURNISH AND INSTALL "LED" REMOTE STATUS INDICATOR, FIELD VERIFY LOCATION.
TS	SPRINKLER SYSTEM TAMPER SWITCH, CONNECT TO SEPARATE ZONE IN BUILDING. FIRE ALARM SYSTEM.
FS	SPRINKLER SYSTEM FLOW SWITCH, CONNECT TO SEPARATE ZONE IN BUILDING. FIRE ALARM SYSTEM.
"CTS"	COMMUNICATION TERMINAL SPACE, 3/4" PLYWOOD BOLTED TO WALL, TOP 6-FEET ABOVE FINISHED FLOOR.
F	WALL MOUNTED FIRE ALARM REMOTE ANNUNCIATOR PANEL, TOP 6'-0" AFF.
	SPECIAL PURPOSE 208V., SINGLE-PHASE RECEPTACLE FOR MECHANICAL PTAC UNIT. RECEPTACLE TO BE MOUNTED IN SUB-BASE OF PTAC UNIT. COORDINATE WITH MECHANICAL TRADE.
IC	WALL MOUNTED INTERCOM CALL-STATION, +48" AFF, SIMILAR AND EQUAL TO AIPHONE NO. LE-D DOOR STATION.
ICM	WALL MOUNTED INTERCOM MASTER STATION, +48" AFF, AIPHONE NO. LDC-IC. PROVIDE AIPHONE ACC-3 CHIME ADAPTER AND AIPHONE PT-1210N POWER SUPPLY. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
CR	CARD READER; INSTALL +48", SINGLE GANG BOX.
DS	DOOR SECURITY, EXTEND ½", FROM JAMB AS ILLUSTRATED. CONNECT TO LOCAL 120 VOLT AS REQUIRED.
☒	MAGNETIC MOTOR STARTER FOR EQUIPMENT INDICATED; PROVIDE HEAVY DUTY FUSED DISCONNECT SWITCH IN LOCATIONS WHERE STARTER IS OUT OF SIGHT OF SUPPLYING PANELBOARD. PROVIDE NEMA 4X ENCLOSURE.

L E G E N D

SYMBOL	DESCRIPTION
b A 3	INCANDESCENT ,H.I.D., OR COMPACT FLUORESCENT LIGHTING FIXTURE; "A" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE; "b" REFERS TO SWITCH CONTROL AND "3" REFERS TO CIRCUIT NUMBER.
a B 2	FLUORESCENT LIGHTING FIXTURE; "B" REFERS TO DESIGNATION IN THE LIGHTING FIXTURE SCHEDULE; "a" REFERS TO SWITCH CONTROL; AND "2" REFERS TO CIRCUIT NUMBER.
	FLUORESCENT LIGHTING FIXTURE WITH BUILT-IN EMERGENCY BATTERY PACK TO PROVIDE LIGHTING UPON LOSS OF NORMAL POWER. PROVIDE SEPARATE UNSWITCHED ENERGIZED CONDUCTOR TO BATTERY PACK IN ORDER TO ALLOW NORMAL SWITCHING OF LIGHTING FIXTURES WITHOUT DISCHARGING BATTERY PACK.
P WP S 3 K 4	WALL SWITCH; SINGLE POLE UNLESS NOTED 3- OR 4-WAY; "P" INDICATES EQUIPPED WITH PILOT LIGHT TO INDICATE WHEN SWITCH IS ON; W.P. INDICATES WEATHERPROOF, "K" INDICATES KEY OPERATED SWITCH; +48"/- ABOVE FLOOR EXCEPT IN MASONRY WALLS WHERE HEIGHT SHALL BE ADJUSTED TO HAVE BOX EDGE OCCUR AT A MASONRY JOINT.
D	WALL MOUNTED INCANDESCENT DIMMER TO CONTROL LIGHTING FIXTURES INDICATED, SAME MOUNTING HEIGHT AS REGULAR WALL SWITCH. UNIT TO BE RATED 1500 WATT, 120V. UNIT TO BE "SLIDE TO OFF" TYPE, SIMILAR AND EQUAL TO LUTRON CO. NOVA SERIES.
W S C P D	EXIT SIGN, "W" INDICATES WALL MOUNTING, "C" INDICATES CEILING MOUNTING, "S" INDICATES SINGLE FACE, "D" INDICATES DOUBLE FACE, "P" INDICATES PENDANT MOUNTED. PROVIDE DIRECTIONAL ARROWS ON EXIT SIGNS AS INDICATED ON PLANS. "WG" BY DEVICE INDICATES WIRE GUARD TO BE PROVIDED. UNIT EQUIPPED WITH BATTERY BACK-UP.
	DUPLEX PLUG RECEPTACLE; 120-VOLTS; 20-AMPERES; MOUNT 3" ABOVE BACKSPLASH AT WORK COUNTERS AND LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT.
	QUADRAPLEX PLUG RECEPTACLE, 120-VOLTS, 20-AMPERES. MOUNT 3" ABOVE BACKSPLASH AT WORK COUNTERS/LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT.
	DUPLEX PLUG RECEPTACLE, 120-VOLTS, 20-AMPERES, SHADED CENTER INDICATES EQUIPPED WITH BUILT-IN GROUND FAULT CIRCUIT INTERRUPTER, MOUNT 3" ABOVE BACKSPLASH AT WORK COUNTERS/LAVATORIES AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT. PROVIDE WEATHERPROOF "WHILE IN USE" COVER WHERE LOCATED OUTDOORS.
	PANELBOARD, RECESSED OR SURFACE MOUNTED AS INDICATED ON DRAWINGS, TOP 6-FEET ABOVE FINISHED FLOOR ADJUSTED TO OCCUR AT A MASONRY JOINT, SEE PANELBOARD SCHEDULE FOR EQUIPMENT CONTAINED.
A-1,2	HOMERUN CONDUIT AND CONDUCTORS EXTENDED TO PANELBOARD "A", CIRCUITS NO. 1 AND 2, CROSS LINES INDICATE THE NUMBER OF NO. 12 AWG CONDUCTORS WHERE MORE THAN TWO. CIRCUITS SHARING THE SAME NEUTRAL SHALL BE CONNECTED TO DIFFERENT PHASES WITHIN THE PANELBOARD REGARDLESS OF NUMBERING INDICATED ON THE DRAWINGS.
	CONDUIT IN THE FLOOR CONSTRUCTION OR UNDERGROUND SHOWN TURNING UP.
	CONDUIT IN THE WALL OR CEILING CONSTRUCTION SHOWN TURNING DOWN.
J	JUNCTION BOX, SIZE AND USE AS REQUIRED; COVERPLATE SHALL OVERLAP THE BOX EDGE BY 1/2" WHERE RECESSED IN WALL WITH CONCEALED WIRING.
	ELECTRIC MOTOR REQUIRING CONNECTION, SIZE, USE, AND LOCATION AS INDICATED ON PLANS, VERIFY LOCATION AND CONNECTIONS REQUIRED WITH MECHANICAL TRADE PRIOR TO ROUGH-IN; USE FLEXIBLE CONDUIT WITHIN 18" OF EQUIPMENT.
	FUSED DISCONNECT SWITCH, HEAVY DUTY "HP" RATED, PROVIDE NEMA 3R ENCLOSURE OUTDOORS.
	TELEPHONE OUTLET, PROVIDE 4" SQUARE BOX WITH SINGLE-GANG DEVICE RING AND "TELEPHONE" TYPE COVERPLATE. EXTEND EMPTY 3/4" CONDUIT FROM OUTLET BOX AS INDICATED AND TERMINATE WITH BUSHING. LOCATE OUTLET BOX 3" ABOVE BACKSPLASH AT WORK COUNTERS AND +18" AFF ELSEWHERE UNLESS NOTED TO A DIFFERENT HEIGHT.
T	TIMER, 30 MINUTE, PASS & SEYMOUR MODEL NO. 97030.
	WALL MOUNTED ELECTRIC HEATER, 208 VOLTS, KW INDICATED ON PLANS, PROVIDE JUNCTION BOX AND CONNECT.
UH	UNIT HEATER, 208 VOLTS, KW INDICATED ON PLANS, PROVIDE DISCONNECT SWITCH AND CONNECT.

Holiday Inn Harriman - Legend & Schedules.dwg
J.J.T. 07/22/05 10:53 AM LH05265(LH)

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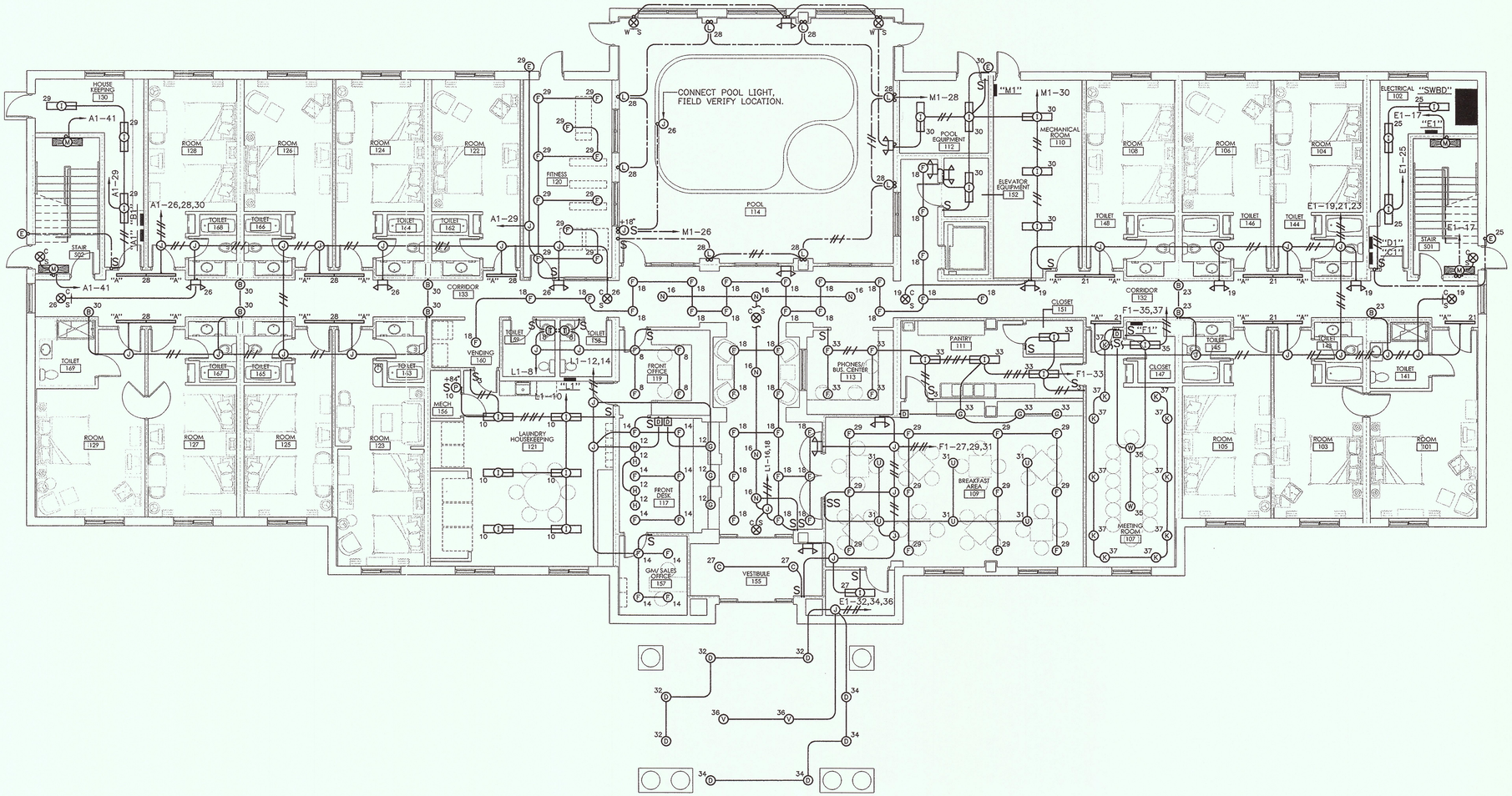
Drawing Description.....
LEGEND AND SCHEDULES

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS	
No.	Date



Dwg No.
E1.1
Project No. 05036



GROUND FLOOR PLAN – LIGHTING

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

Holiday Inn Harriman – Ground Floor Plan – Lighting.dwg
J.J.T. 07/22/05 10:13 AM LH05265(LH)

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Drawing Description.....
GROUND FLOOR PLAN - LIGHTING

Drawn by: VBI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

LARRY T. HEDDEN REGISTERED LANDSCAPE ARCHITECT No. 1076 STATE OF TENNESSEE

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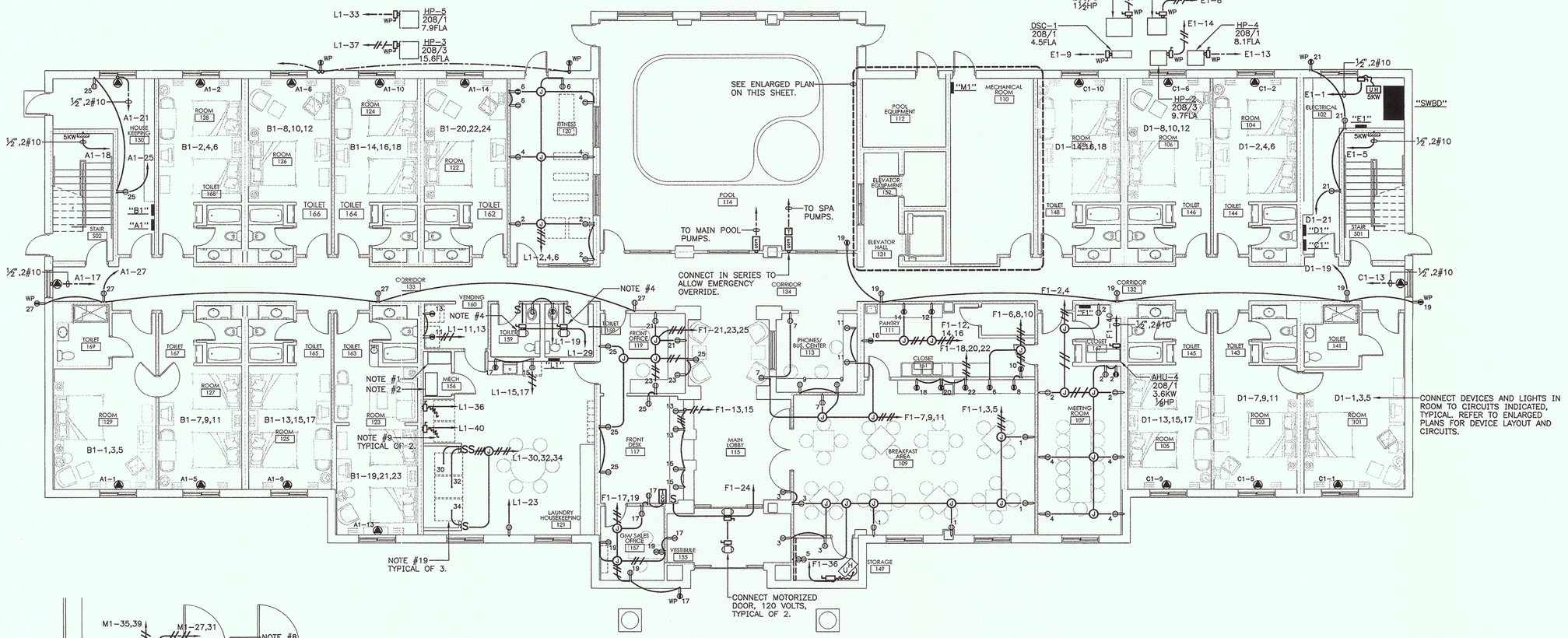
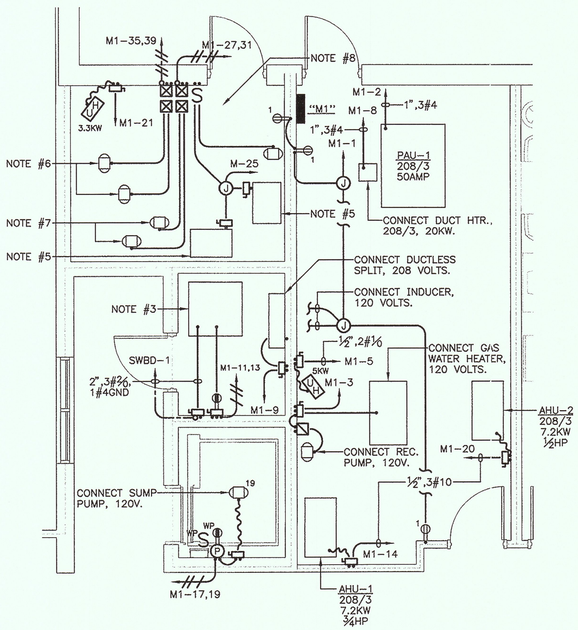
Dwg No.
E2.1
Project No. 05036



GROUND FLOOR PLAN – POWER

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



ENLARGED GROUND FLOOR PLAN – POWER

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

REFERENCE NOTES:

1. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AHU-5, 208 VOLTS, 1-PHASE, 3.6KW, ¼HP. EXTEND ½",2#10 TO PANEL "L1" AND CONNECT.
2. INSTALL FUSED DISCONNECT SWITCH AND CONNECT AHU-3, 208 VOLTS, 3-PHASE, 7.2KW, ½HP. EXTEND ½",3#10 TO PANEL "L1" AND CONNECT.
3. CONNECT ELEVATOR CONTROLLER, 208 VOLTS, 3-PHASE, 25HP FOR MOTOR, 120 VOLTS, 20 AMP, FOR LIGHTS AND CONTROLS.
4. CONNECT 120 VOLT EXHAUST FAN. USE TOGGLE-TYPE DISCONNECT SWITCH.
5. CONNECT GAS WATER HEATER, 120 VOLTS.
6. CONNECT POOL PUMP, 208 VOLTS, ¾HP.
7. CONNECT SPA PUMP, 208 VOLTS, 1HP.
8. VERIFY EQUIPMENT WITH POOL SUPPLIER PRIOR TO ROUGH-IN.
9. CONNECT WASHER, 208 VOLTS, 30AMP.
10. CONNECT GAS DRYER, 120 VOLTS.

GROUNDING NOTE:

1. PROVIDE COMPLETE BONDING AND GROUNDING OF POOL AND SPA, INCLUDING ALL METALLIC ITEMS PER N.E.C. ARTICLE 680.
2. BOND #8AWG CONDUCTOR FROM METALLIC PARTS TO PIPING SYSTEMS PER N.E.C. ARTICLE 680 AT ALL WHIRLPOOLS.

GENERAL NOTE:

1. WHERE INSTALLED BACK TO BACK. OUTLET BOXES SHALL BE 24". PROVIDE MAXIMUM SPACING IF NOT POSSIBLE DUE TO FURNITURE. DO NOT INSTALL DEVICES BEHIND HEADBOARDS.

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Drawing Description.... GROUND FLOOR PLAN - POWER

Drawn by: VBI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

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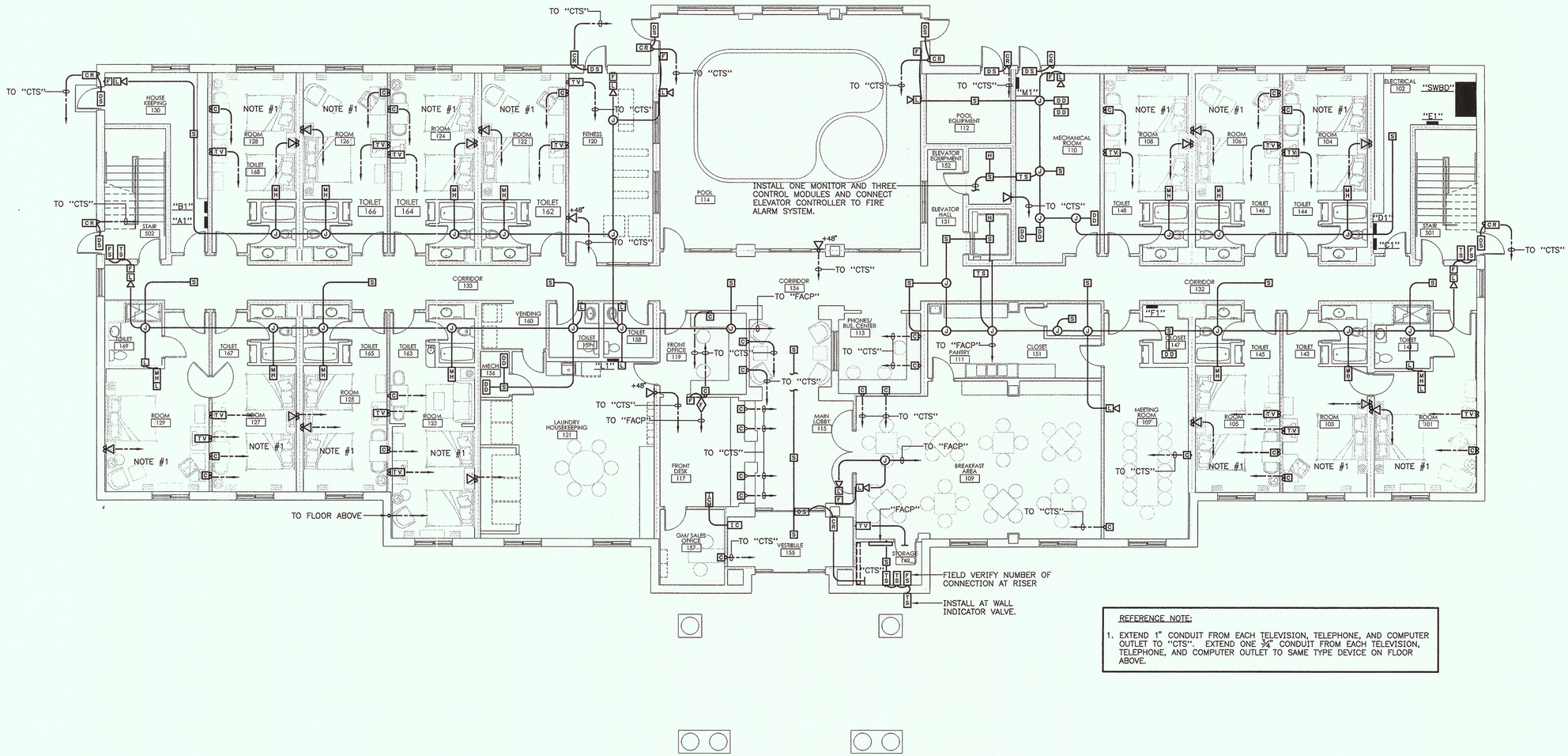
Dwg No. E2.2

Project No. 05036

Holiday Inn Harriman - Ground Floor Plan - Power.dwg
L.T.H. 07/22/05 10:17 AM LH05265(LH)



REFERENCE NOTE:

1. EXTEND 1" CONDUIT FROM EACH TELEVISION, TELEPHONE, AND COMPUTER OUTLET TO "CTS". EXTEND ONE ¾" CONDUIT FROM EACH TELEVISION, TELEPHONE, AND COMPUTER OUTLET TO SAME TYPE DEVICE ON FLOOR ABOVE.

GROUND FLOOR PLAN – COMMUNICATIONS

SCALE: ⅛"=1'-0"

Holiday Inn Harriman – Ground Floor Plan – Comm.dwg
L.T.H. 07/22/05 10:18 AM LH05285(LH)

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Drawing Description.....
GROUND FLOOR PLAN - COMMUNICATIONS

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

Dwg No.
E2.3
Project No. 05036

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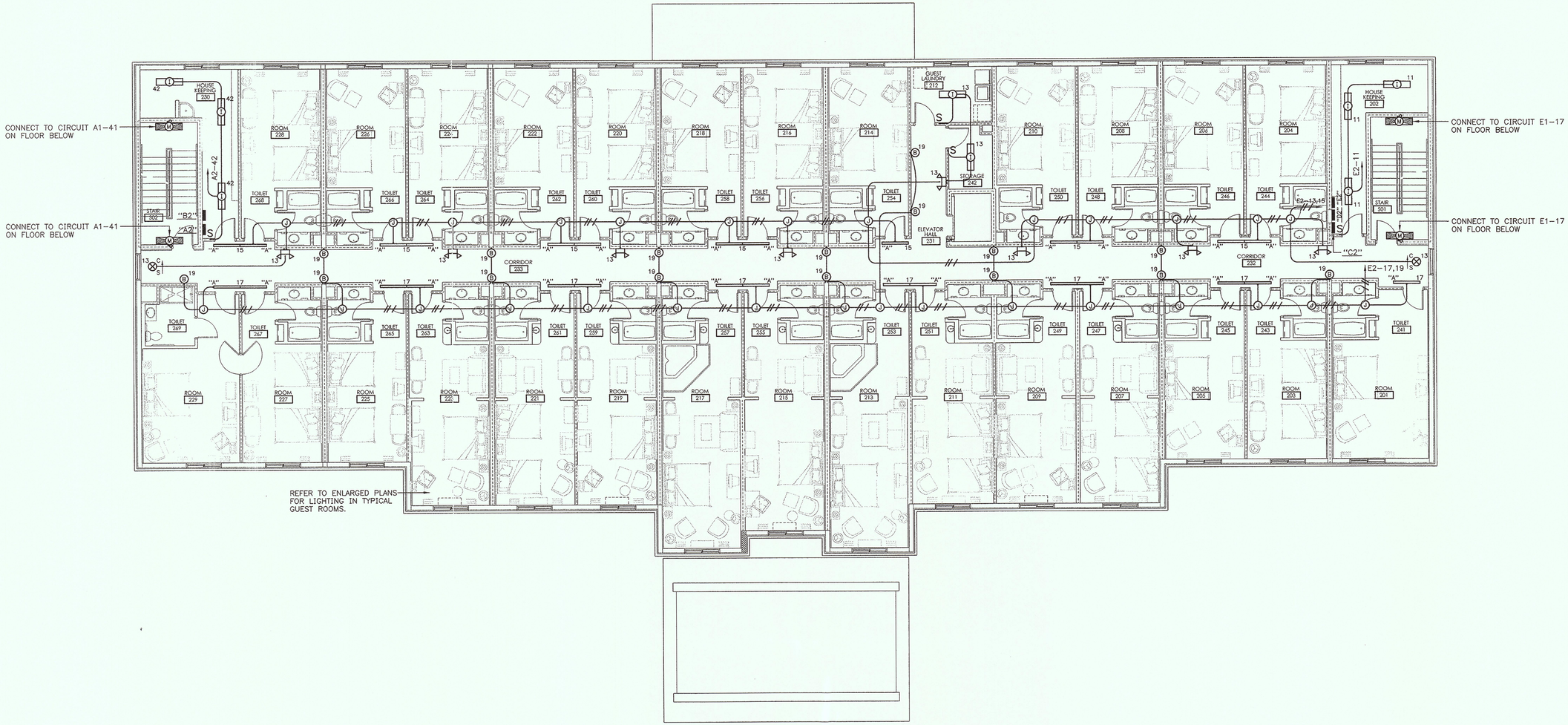

SECOND FLOOR PLAN – LIGHTING

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

Holiday Inn Harriman – Second Floor Plan – Lighting.dwg
B.J.C. 07/22/05 10:28 AM LH05265(LH)

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HARRIMAN, TENNESSEE

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Drawing Description:
SECOND FLOOR PLAN - LIGHTING

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

LARRY T. HEADLEY
REGISTERED ARCHITECT
ARCHITECTURE
NO. 107675
STATE OF TENNESSEE
7/22/05

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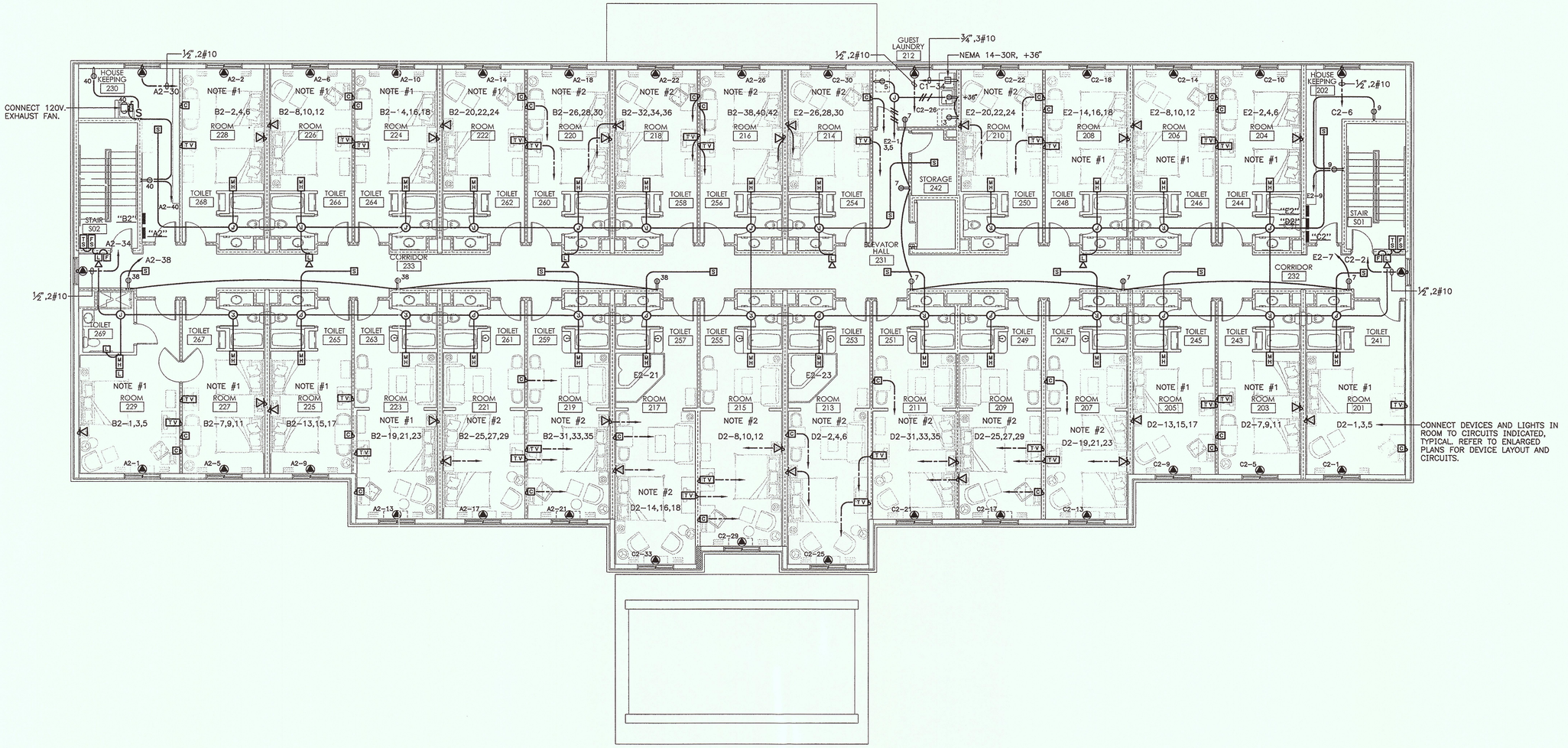
Dwg No.
E2.4
Project No. 05036



SECOND FLOOR PLAN – POWER AND COMMUNICATIONS

SCALE: ⅛"=1'-0"

REFERENCE NOTES:

1. EXTEND ¾" CONDUIT FROM EACH TELEVISION, TELEPHONE, AND COMPUTER OUTLET TO SAME TYPE DEVICE ON FLOOR ABOVE AND BELOW.
2. EXTEND ¾" CONDUIT FROM EACH TELEVISION, TELEPHONE, AND COMPUTER OUTLET TO SAME TYPE DEVICE ON FLOOR ABOVE AND TO "CTS" ON FLOOR BELOW.

HOLIDAY INN EXPRESS

HIGHWAY NO. 61
HARRIMAN, TENNESSEE

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Drawing Description:
SECOND FLOOR PLAN - POWER AND COMMUNICATIONS

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

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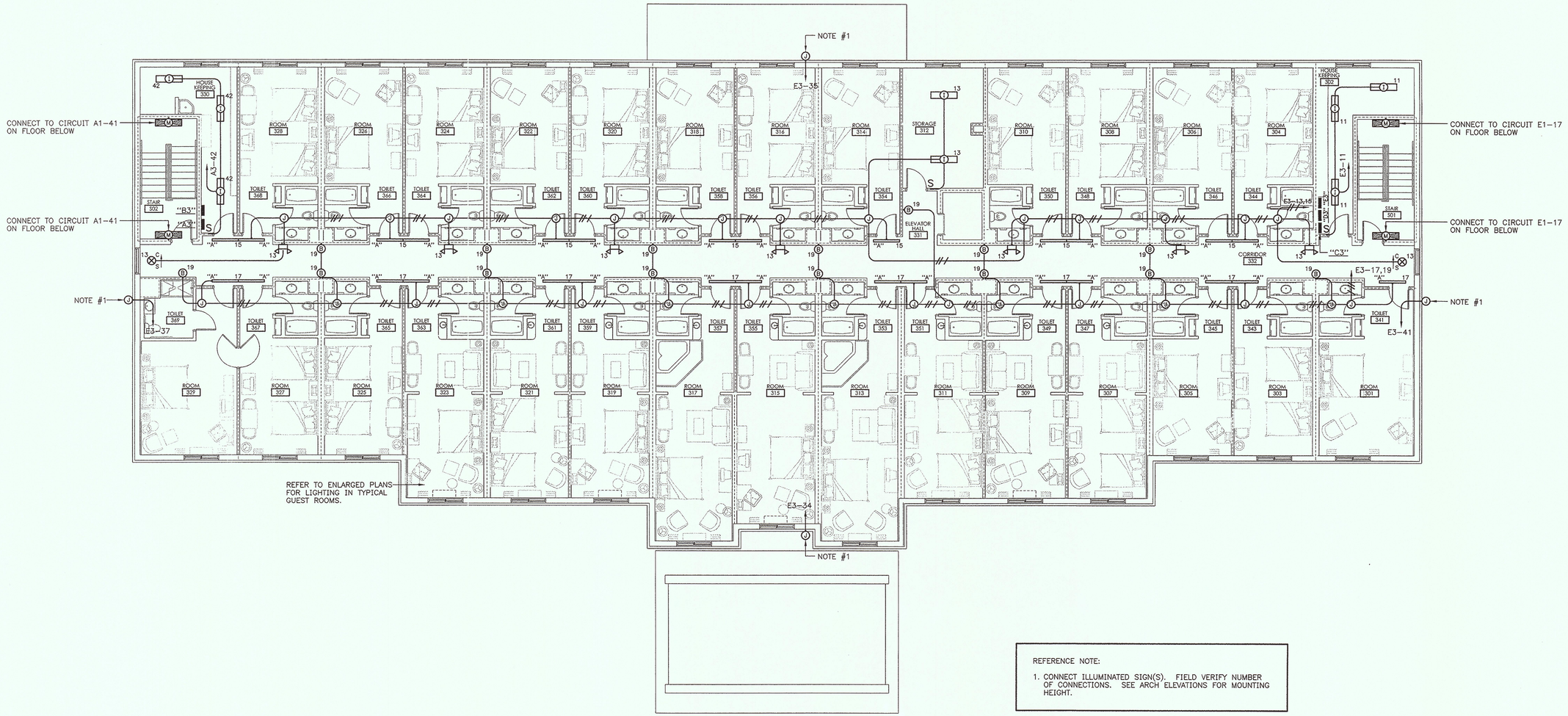
Dwg No. E2.5

Project No. 05036

Holiday Inn Harriman - Second Floor Plan - Power & Comm.dwg
L.T.H. 07/22/05 10:16 AM LH05265(LH)



REFERENCE NOTE:

1. CONNECT ILLUMINATED SIGN(S). FIELD VERIFY NUMBER OF CONNECTIONS. SEE ARCH ELEVATIONS FOR MOUNTING HEIGHT.

THIRD FLOOR PLAN – LIGHTING

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

Holiday Inn Harriman – Third Floor Plan – Lighting.dwg
B.J.C. 07/22/05 10:31 AM LH05265(LH)

HOLIDAY INN EXPRESS

HIGHWAY NO. 61
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Drawing Description.....
THIRD FLOOR PLAN - LIGHTING

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

LARRY T. HEADLEY
REGISTERED ENGINEER
AGRICULTURE
NO. 107675
STATE OF TENNESSEE
7/22/05

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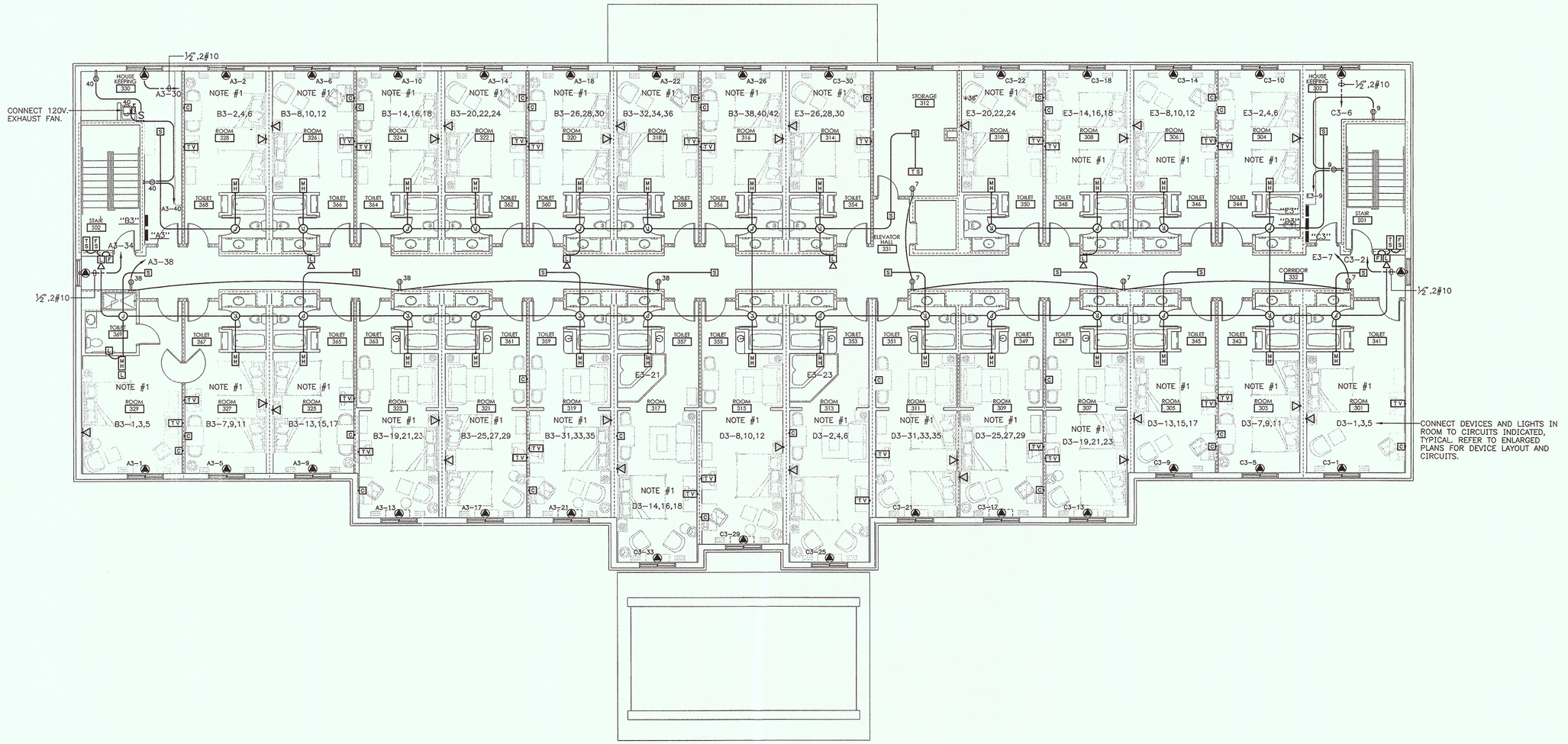
Dwg No.
E2.6
Project No. 05036



THIRD FLOOR PLAN – POWER & COMMUNICATIONS

SCALE: ⅛"=1'-0"

REFERENCE NOTES:

1. EXTEND ¾" CONDUIT FROM EACH TELEVISION, TELEPHONE, AND COMPUTER OUTLET TO SAME TYPE DEVICE ON FLOOR BELOW.

Holiday Inn Harriman – Third Floor Plan – Power & Comm.dwg
B.J.C. 07/22/05 10:53 AM LH05265(LH)

HOLIDAY INN EXPRESS
HIGHWAY NO. 61
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Drawing Description:
THIRD FLOOR PLAN - POWER & COMMUNICATIONS

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

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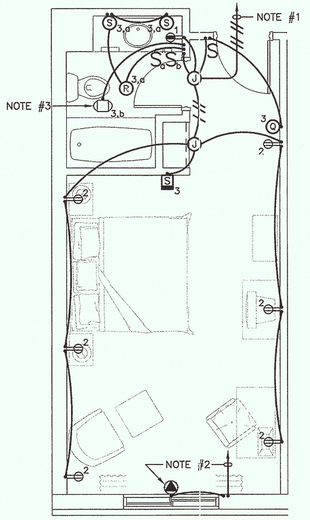
Dwg No.
E2.7
Project No. 05036

REFERENCE NOTES:

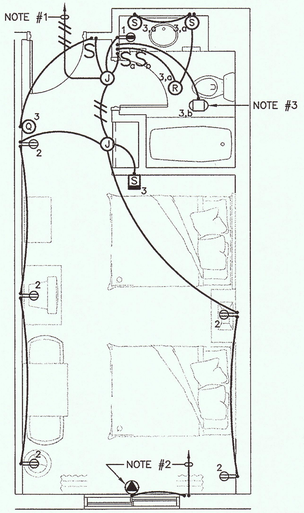
1. EXTEND THREE 20AMP CIRCUITS, ½",4#12, 1#12GND, TO LOCAL PANEL BOARD. USE CIRCUITS INDICATED ON FLOOR PLAN DRAWINGS. ALTERNATE TO BALANCE LOAD.
2. CONNECT RECEPTACLE IN BASE OF THRU WALL UNIT. EXTEND ½",2#10, 1#12GND TO LOCAL PANEL BOARD. USE CIRCUIT INDICATED ON FLOOR PLAN DRAWING.
3. CONNECT 120 VOLT EXHAUST FAN.
4. BOND #8AWG CONDUCTOR FROM METALLIC PARTS TO PIPING SYSTEMS PER N.E.C. ARTICLE 680 AT ALL WHIRLPOOLS.
5. COORDINATE RECEPTACLE LOCATION WITH ACCESS PANEL OF HOT TUB.
6. EXTEND 20 AMP CIRCUIT, ½#12, TO LOCAL PANEL BOARD. USE CIRCUITS INDICATED ON FLOOR PLAN DRAWING.

GENERAL NOTE:

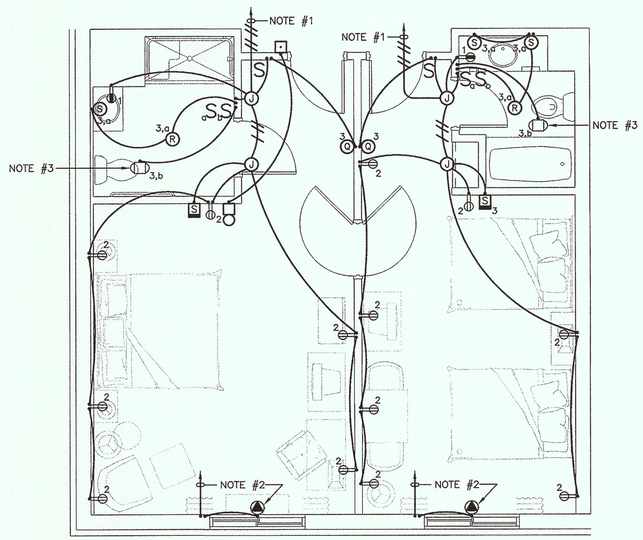
1. WHERE INSTALLED BACK TO BACK. OUTLET BOXES SHALL BE 24". PROVIDE MAXIMUM SPACING IF NOT POSSIBLE DUE TO FURNITURE. DO NOT INSTALL DEVICES BEHIND HEADBOARDS.



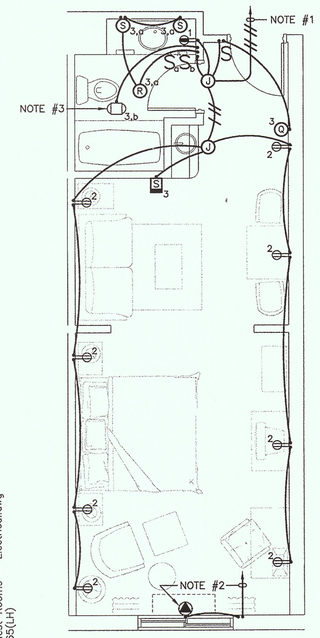
KING ROOM – ELECTRICAL
SCALE: ¼"=1'–0"



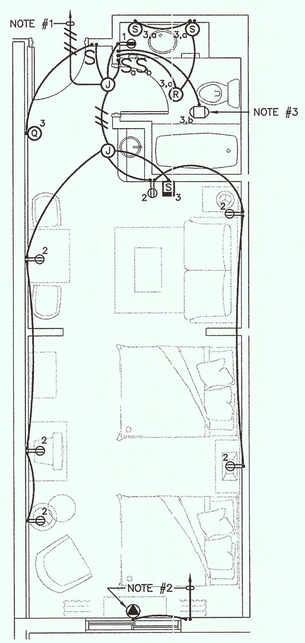
DOUBLE QUEEN ROOM – ELECTRICAL
SCALE: ¼"=1'–0"



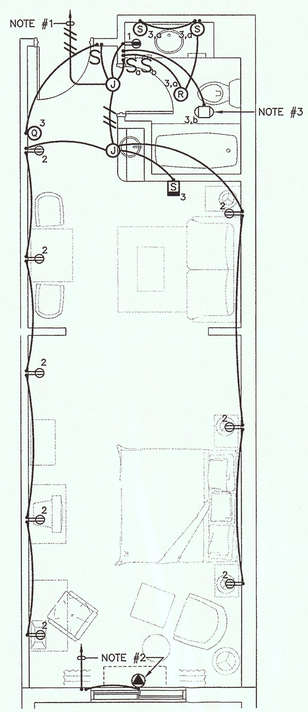
ACCESSIBLE DOUBLE QUEEN ROOM – ELECTRICAL
SCALE: ¼"=1'–0"



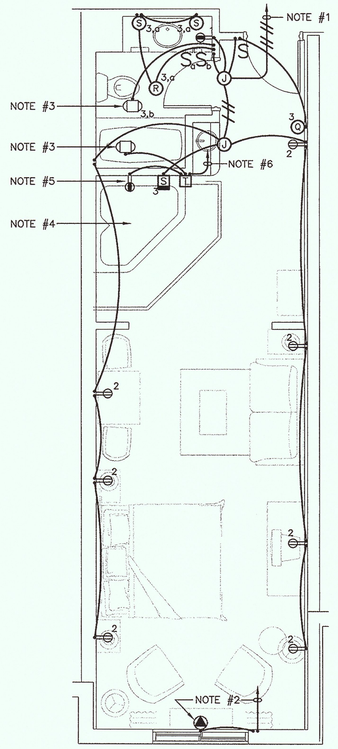
KING SUITE – ELECTRICAL
SCALE: ¼"=1'–0"



DOUBLE QUEEN SUITE – ELECTRICAL
SCALE: ¼"=1'–0"



EXTENDED DOUBLE QUEEN SUITE – ELECTRICAL
SCALE: ¼"=1'–0"



EXTENDED DOUBLE KING SUITE – ELECTRICAL
SCALE: ¼"=1'–0"

Holiday Inn Harriman – Enlarged Guest Rooms – Electrical.dwg
L.T.H. 07/22/05 10:14 AM LH05265(LH)

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Drawing Description.....
ENLARGED GUEST ROOMS - LIGHTING

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

No.	Date

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Dwg No.
E2.8
Project No. 05036

PANEL A1

MAINS: 225A FEEDER SIZE: #6 VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	THRU WALL 129	2.0			25	2	2	25	2.0			THRU WALL 128	2
3			2.0							2.0			4
5	THRU WALL 127			2.0	25	2	2	25			2.0	THRU WALL 126	6
7		2.0							2.0				8
9	THRU WALL 125		2.0		25	2	2	25		2.0		THRU WALL 124	10
11				2.0							2.0		12
13	THRU WALL 123	2.0			25	2	2	25	2.0			THRU WALL 122	14
15			2.0							2.0			16
17	THRU WALL CORR			2.0	25	2	2	30			2.5	STAIR WALL HEATER	18
19		2.0							2.5				20
21	THRU WALL 130		2.0		25	2	2	30				SPARE	22
23				2.0									24
25	RECEPT. 130	1.0			20	1	1	20	0.5			EMERGENCY LIGHTS	26
27	RECEPT. CORR.		1.0		20	1	1	20		1.0		ENTRY LIGHTS	28
29	LIGHTING 120			1.0	20	1	1	20			1.0	SCONCES	30
31	SPARE				20	1	1	20				SPARE	32
33	SPARE				20	1	1	20				SPARE	34
35	SPARE				20	1	1	20				SPARE	36
37	SPARE				20	1	3	125	8.0			PANEL "B1"	38
39	SPARE				20	1				8.0			40
41	STAIR LIGHTS			1.0	20	1					8.0		42
SUB TOTAL CONNECTED		9.0	9.0	10.0					17.0	15.0	15.5	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 26.0 SUB TOTAL CONNECTED øB: 24.0 SUB TOTAL CONNECTED øC: 25.5 TOTAL CONNECTED: 75.5

NOTES:

1. PROVIDE "LOCK-ON" ON CIRCUITS 24 AND 41.

PANEL B1

MAINS: 125A FEEDER SIZE: #1AWG VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	ROOM 129	1.0			20	1	1	20	1.0			ROOM 128	2
3	ROOM 129		1.0		20	1	1	20		1.0		ROOM 128	4
5	ROOM 129			1.0	20	1	1	20			1.0	ROOM 128	6
7	ROOM 127	1.0			20	1	1	20	1.0			ROOM 126	8
9	ROOM 127		1.0		20	1	1	20		1.0		ROOM 126	10
11	ROOM 127			1.0	20	1	1	20			1.0	ROOM 126	12
13	ROOM 125	1.0			20	1	1	20	1.0			ROOM 124	14
15	ROOM 125		1.0		20	1	1	20		1.0		ROOM 124	16
17	ROOM 125			1.0	20	1	1	20			1.0	ROOM 124	18
19	ROOM 123	1.0			20	1	1	20	1.0			ROOM 122	20
21	ROOM 123		1.0		20	1	1	20		1.0		ROOM 122	22
23	ROOM 123			1.0	20	1	1	20			1.0	ROOM 122	24
25	SPARE				20	1	1	20				SPARE	26
27	SPARE				20	1	1	20				SPARE	28
29	SPARE				20	1	1	20				SPARE	30
31	SPARE				20	1	1	20				SPARE	32
33	SPARE				20	1	1	20				SPARE	34
35	SPARE				20	1	1	20				SPARE	36
37	SPARE				20	1	1	20				SPARE	38
39	SPARE				20	1	1	20				SPARE	40
41	SPARE				20	1	1	20				SPARE	42
SUB TOTAL CONNECTED		4.0	4.0	4.0					4.0	4.0	4.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 8.0 SUB TOTAL CONNECTED øB: 8.0 SUB TOTAL CONNECTED øC: 8.0 TOTAL CONNECTED: 24.0

NOTES:

PANEL C1

MAINS: 225A FEEDER SIZE: #6 VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: TOP

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	THRU WALL 101	2.0			25	2	2	25	2.0			THRU WALL 104	2
3			2.0							2.0			4
5	THRU WALL 103			2.0	25	2	2	25			2.0	THRU WALL 106	6
7		2.0							2.0				8
9	THRU WALL 105		2.0		25	2	2	25		2.0		THRU WALL 108	10
11				2.0							2.0		12
13	THRU WALL CORR	2.0			25	2	1	20				SPARE	14
15			2.0				1	20				SPARE	16
17	SPARE				20	1	1	20				SPARE	18
19	SPARE				20	1	1	20				SPARE	20
21	SPARE				20	1	1	20				SPARE	22
23	SPARE				20	1	1	20				SPARE	24
25	SPARE				30	2	2	25	2.0			THRU WALL 316	26
27										2.0			28
29	SPARE				30	2	2	25			2.0	THRU WALL 330	30
31										2.0			32
33	SPARE				20	1	2	25			2.0	THRU WALL CORR	34
35	SPARE				20	1							36
37	SPARE				20	1	1	20	7.0			RECEPT-CORR	38
39	SPARE				20	1	1	20		1.0		REC/FAN 330	40
41	SPARE				20	1	1	20			1.0	LIGHTS 330	42
SUB TOTAL CONNECTED		8.0	8.0	8.0					13.0	13.0	11.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 21.0 SUB TOTAL CONNECTED øB: 21.0 SUB TOTAL CONNECTED øC: 19.0 TOTAL CONNECTED: 61.0

NOTES:

PANEL D1

MAINS: 125A FEEDER SIZE: #1AWG VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	ROOM 101	1.0			20	1	1	20	1.0			ROOM 104	2
3	ROOM 101		1.0		20	1	1	20		1.0		ROOM 104	4
5	ROOM 101			1.0	20	1	1	20			1.0	ROOM 104	6
7	ROOM 103	1.0			20	1	1	20	1.0			ROOM 106	8
9	ROOM 103		1.0		20	1	1	20		1.0		ROOM 106	10
11	ROOM 103			1.0	20	1	1	20			1.0	ROOM 106	12
13	ROOM 105	1.0			20	1	1	20	1.0			ROOM 108	14
15	ROOM 105		1.0		20	1	1	20		1.0		ROOM 108	16
17	ROOM 105			1.0	20	1	1	20			1.0	ROOM 108	18
19	CORRIDOR REC	1.0			20	1	1	20				SPARE	20
21	ELEC RM REC		1.0		20	1	1	20				SPARE	22
23	SPARE				20	1	1	20				SPARE	24
25	SPARE				20	1	1	20				SPARE	26
27	SPARE				20	1	1	20				SPARE	28
29	SPARE				20	1	1	20				SPARE	30
31	SPARE				20	1	1	20				SPARE	32
33	SPARE				20	1	1	20				SPARE	34
35	SPARE				20	1	1	20				SPARE	36
37	SPARE				20	1	1	20				SPARE	38
39	SPARE				20	1	1	20				SPARE	40
41	SPARE				20	1	1	20				SPARE	42
SUB TOTAL CONNECTED		4.0	4.0	3.0						3.0	3.0	3.0	SUB TOTAL CONNECTED

SUB TOTAL CONNECTED øA: 7.0 SUB TOTAL CONNECTED øB: 7.0 SUB TOTAL CONNECTED øC: 6.0 TOTAL CONNECTED: 20.0

NOTES:

PANEL E1

MAINS: 125A FEEDER SIZE: #1AWG VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 22,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: TOP

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	UNIT HEATER 102	2.5			30	2	3	20	1.0			PCU-1	2
3			2.5							1.0			4
5	STAIR HEATER			2.5	30	2					1.0		6
7		2.5					3	20	1.7			HP-1	8
9	DSC-1		0.5		30	2				1.7			10
11				0.5							1.7		12
13	HP-4	1.0			20	2	3	20	1.2			HP-2	14
15			1.0							1.2			16
17	STAIR LIGHTS			1.0	20	1					1.2		18
19	EMERGENCY LIGHTS	0.5			20	1	1	20				SPARE	20
21	ENTRY LIGHTS		1.0		20	1	1	20				SPARE	22
23	SCONCES			1.0	20	1	1	20				SPARE	24
25	LIGHTS 102	1.0			20	1	1	20				SPARE	26
27	SPARE				20	1	1	20				SPARE	28
29	SPARE				20	1	1	20				SPARE	30
31	SPARE				20	1	1	20	1.0			CANOPY LIGHTS	32
33	SPARE				20	1	1	20		1.0		CANOPY LIGHTS	34
35	SPARE				20	1	1	20			1.0	CANOPY LIGHTS	36
37	POLE LIGHTS	1.0			20	1	1	20	1.0			POLE LIGHTS	38
39	POLE LIGHTS		1.0		20	1	1	20		1.0		POLE LIGHTS	40
41	POLE LIGHTS			1.0	20	1	1	20			1.0	SIGN	42
SUB TOTAL CONNECTED		8.5	6.0	6.0					5.9	5.9	5.9	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 14.4 SUB TOTAL CONNECTED øB: 11.9 SUB TOTAL CONNECTED øC: 11.9 TOTAL CONNECTED: 38.2

NOTES:

1. PROVIDE "LOCK-ON" ON CIRCUITS 17 AND 19.

PANEL A2

MAINS: 400A FEEDER SIZE: #500MCM VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	THRU WALL 229	2.0			25	2	2	25	2.0			THRU WALL 228	2
3			2.0							2.0			4
5	THRU WALL 227			2.0	25	2	2	25			2.0	THRU WALL 226	6
7		2.0							2.0				8
9	THRU WALL 225		2.0		25	2	2	25		2.0		THRU WALL 224	10
11				2.0							2.0		12
13	THRU WALL 223	2.0			25	2	2	25	2.0			THRU WALL 222	14
15			2.0							2.0			16
17	THRU WALL 221			2.0	25	2	2	25			2.0	THRU WALL 220	18
19		2.0							2.0				20
21	THRU WALL 219		2.0		25	2	2	25		2.0		THRU WALL 218	22
23				2.0							2.0		24
25	SPARE				30	2	2	25	2.0			THRU WALL 216	26
27										2.0			28
29	SPARE				30	2	2	25			2.0	THRU WALL 230	30
31										2.0			32
33	SPARE				20	1	2	25			2.0	THRU WALL CORR	34
35	SPARE				20	1							36
37	PANEL "B2"	13.0			125	3	1	20	1.0			RECEPT-CORR	38
39			13.0				1	20		1.0		REC/FAN 230	40
41				13.0			1	20			1.0	LIGHTS 230	42
SUB TOTAL CONNECTED		21.0	21.0	21.0					13.0	13.0	11.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 34.0 SUB TOTAL CONNECTED øB: 34.0 SUB TOTAL CONNECTED øC: 32.0 TOTAL CONNECTED: 100.0

NOTES:

PANEL B2

MAINS: 125A FEEDER SIZE: #1AWG VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	ROOM 229	1.0			20	1	1	20	1.0			ROOM 228	2
3	ROOM 229		1.0		20	1	1	20		1.0		ROOM 228	4
5	ROOM 229			1.0	20	1	1	20			1.0	ROOM 228	6
7	ROOM 227	1.0			20	1	1	20	1.0			ROOM 226	8
9	ROOM 227		1.0		20	1	1	20		1.0		ROOM 226	10
11	ROOM 227			1.0	20	1	1	20			1.0	ROOM 226	12
13	ROOM 225	1.0			20	1	1	20	1.0			ROOM 224	14
15	ROOM 225		1.0		20	1	1	20		1.0		ROOM 224	16
17	ROOM 225			1.0	20	1	1	20			1.0	ROOM 224	18
19	ROOM 223	1.0			20	1	1	20	1.0			ROOM 222	20
21	ROOM 223		1.0		20	1	1	20		1.0		ROOM 222	22
23	ROOM 223			1.0	20	1	1	20			1.0	ROOM 222	24
25	ROOM 221	1.0			20	1	1	20	1.0			ROOM 220	26
27	ROOM 221		1.0		20	1	1	20		1.0		ROOM 220	28
29	ROOM 221			1.0	20	1	1	20			1.0	ROOM 220	30
31	ROOM 219	1.0			20	1	1	20	1.0			ROOM 218	32
33	ROOM 219		1.0		20	1	1	20		1.0		ROOM 218	34
35	ROOM 219			1.0	20	1	1	20			1.0	ROOM 218	36
37	SPARE				20	1	1	20	1.0			ROOM 216	38
39	SPARE				20	1	1	20		1.0		ROOM 216	40
41	SPARE				20	1	1	20			1.0	ROOM 216	42
SUB TOTAL CONNECTED		6.0	6.0	6.0					7.0	7.0	7.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 13.0 SUB TOTAL CONNECTED øB: 13.0 SUB TOTAL CONNECTED øC: 13.0 TOTAL CONNECTED: 39.0

NOTES:

PANEL C2

MAINS: 400A FEEDER SIZE: #500MCM VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 22,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	THRU WALL 201	2.0			25	2	2	25	2.0			THRU WALL CORR	2
3			2.0							2.0			4
5	THRU WALL 203			2.0	25	2	2	25			2.0	THRU WALL 202	6
7		2.0							2.0				8
9	THRU WALL 205		2.0		25	2	2	25		2.0		THRU WALL 204	10
11				2.0							2.0		12
13	THRU WALL 207	2.0			25	2	2	25	2.0			THRU WALL 206	14
15			2.0							2.0			16
17	THRU WALL 209			2.0	25	2	2	25			2.0	THRU WALL 208	18
19		2.0							2.0				20
21	THRU WALL 211		2.0		25	2	2	25		2.0		THRU WALL 210	22
23				2.0							2.0		24
25	THRU WALL 213	2.0			25	2	2	25	2.0			THRU WALL 212	26
27			2.0							2.0			28
29	THRU WALL 215			2.0	25	2	2	25			2.0	THRU WALL 214	30
31		2.0							2.0				32
33	THRU WALL 217		2.0		25	2	2	30		2.5		PRYER 212	34
35				2.0							2.0		36
37	PANEL "E2"	8.5			125	3	3	125	9.0			PANEL "D2"	38
39			9.0							9.0			40
41				9.0							9.0		42
SUB TOTAL CONNECTED		20.5	21.0	21.0					21.0	21.5	21.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 41.5 SUB TOTAL CONNECTED øB: 42.5 SUB TOTAL CONNECTED øC: 42.0 TOTAL CONNECTED: 126.0

NOTES:

PANEL D2

MAINS: 125A FEEDER SIZE: #1AWG VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	ROOM 201	1.0			20	1	1	20	1.0			ROOM 213	2
3	ROOM 201		1.0		20	1	1	20		1.0		ROOM 213	4
5	ROOM 201			1.0	20	1	1	20			1.0	ROOM 213	6
7	ROOM 203	1.0			20	1	1	20	1.0			ROOM 215	8
9	ROOM 203		1.0		20	1	1	20		1.0		ROOM 215	10
11	ROOM 203			1.0	20	1	1	20			1.0	ROOM 215	12
13	ROOM 205	1.0			20	1	1	20	1.0			ROOM 217	14
15	ROOM 205		1.0		20	1	1	20		1.0		ROOM 217	16
17	ROOM 205			1.0	20	1	1	20			1.0	ROOM 217	18
19	ROOM 207	1.0			20	1	1	20				SPARE	20
21	ROOM 207		1.0		20	1	1	20				SPARE	22
23	ROOM 207			1.0	20	1	1	20				SPARE	24
25	ROOM 209	1.0			20	1	1	20				SPARE	26
27	ROOM 209		1.0		20	1	1	20				SPARE	28
29	ROOM 209			1.0	20	1	1	20				SPARE	30
31	ROOM 211	1.0			20	1	1	20				SPARE	32
33	ROOM 211		1.0		20	1	1	20				SPARE	34
35	ROOM 211			1.0	20	1	1	20				SPARE	36
37	SPARE				20	1	1	20				SPARE	38
39	SPARE				20	1	1	20				SPARE	40
41	SPARE				20	1	1	20				SPARE	42
SUB TOTAL CONNECTED		6.0	6.0	6.0					3.0	3.0	3.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 9.0 SUB TOTAL CONNECTED øB: 9.0 SUB TOTAL CONNECTED øC: 9.0 TOTAL CONNECTED: 27.0

NOTES:

PANEL E2

MAINS: 125A FEEDER SIZE: #1AWG VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	WASHER	1.0			20	1	1	20	1.0			ROOM 204	2
3	ICE MACHINE		1.0		20	1	1	20		1.0		ROOM 204	4
5	VEND MACHINE			1.0	20	1	1	20			1.0	ROOM 204	6
7	RECEPT-CORR	1.0			20	1	1	20	1.0			ROOM 206	8
9	RECEPT 202		1.0		20	1	1	20		1.0		ROOM 206	10
11	LIGHTS 202			1.0	20	1	1	20			1.0	ROOM 206	12
13	EMERG LIGHTS	0.5			20	1	1	20	1.0			ROOM 208	14
15	ENTRY LIGHTS		1.0		20	1	1	20		1.0		ROOM 208	16
17	ENTRY LIGHTS			1.0	20	1	1	20			1.0	ROOM 208	18
19	SCONCES	1.0			20	1	1	20	1.0			ROOM 210	20
21	HOT TUB 217		1.0		20	1	1	20		1.0		ROOM 210	22
23	HOT TUB 213			1.0	20	1	1	20			1.0	ROOM 210	24
25	SPARE				20	1	1	20	1.0			ROOM 214	26
27	SPARE				20	1	1	20		1.0		ROOM 214	28
29	SPARE				20	1	1	20			1.0	ROOM 214	30
31	SPARE				20	1	1	20				SPARE	32
33	SPARE				20	1	1	20				SPARE	34
35	SPARE				20	1	1	20				SPARE	36
37	SPARE				20	1	1	20				SPARE	38
39	SPARE				20	1	1	20				SPARE	40
41	SPARE				20	1	1	20				SPARE	42
SUB TOTAL CONNECTED		3.5	4.0	4.0					5.0	5.0	5.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 8.5 SUB TOTAL CONNECTED øB: 9.0 SUB TOTAL CONNECTED øC: 9.0 TOTAL CONNECTED: 26.5

NOTES:

1. PROVIDE "LOCK-ON" ON CIRCUIT 13.

PANEL A3

MAINS: 400A FEEDER SIZE: #500MCM VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A MOUNTING: SURFACE MAIN BREAKER: NO-MLO ENTRY: BOTTOM

CKT. NO.	SERVES	LOAD (KVA) øA	øB	øC	BREAKER TRIP	POLE	BREAKER POLE	TRIP	LOAD (KVA) øA	øB	øC	SERVES	CKT. NO.
1	THRU WALL 329	2.0			25	2	2	25	2.0			THRU WALL 328	2
3			2.0							2.0			4
5	THRU WALL 327			2.0	25	2	2	25			2.0	THRU WALL 326	6
7		2.0							2.0				8
9	THRU WALL 325		2.0		25	2	2	25		2.0		THRU WALL 324	10
11				2.0							2.0		12
13	THRU WALL 323	2.0			25	2	2	25	2.0			THRU WALL 322	14
15			2.0							2.0			16
17	THRU WALL 321			2.0	25	2	2	25			2.0	THRU WALL 320	18
19		2.0							2.0				20
21	THRU WALL 319		2.0		25	2	2	25		2.0		THRU WALL 318	22
23				2.0							2.0		24
25	SPARE				30	2	2	25	2.0			THRU WALL 316	26
27										2.0			28
29	SPARE				30	2	2	25			2.0	THRU WALL 330	30
31										2.0			32
33	SPARE				20	1	2	25			2.0	THRU WALL CORR	34
35	SPARE				20	1							36
37	PANEL "B3"						3		1.0	1.0		RECEPT-CORR	38
39									1.0		1.0	REC/FAN 330	40
41									1.0	1.0		LIGHTS 330	42
SUB TOTAL CONNECTED		8.0	8.0	8.0					13.0	13.0	11.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 21.0 SUB TOTAL CONNECTED øB: 21.0 SUB TOTAL CONNECTED øC: 19.0 TOTAL CONNECTED: 61.0

NOTES:

PANEL B3

MAINS: 125A FEEDER SIZE: #1AWG VOLTAGE/PHASE: 120/208V,3ø,4W,WYE SHORT CKT. CAPACITY: 10,000A M

PANEL SWBD MAINS: 2,000A VOLTAGE/PHASE: 120/208V,3ø,4W,WYE MOUNTING: FREE STANDING ENTRY: BOTTOM
FEEDER SIZE: 6#400MCM SHORT CKT. CAPACITY: 85,000A MAIN BREAKER: YES (2,000/3)

CKT. NO.	SERVES	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	BREAKER TRIP	BREAKER POLE	BREAKER POLE	BREAKER TRIP	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	SERVES	CKT. NO.
1	ELEVATOR	10.0			175	3	3	125	14.4			PANEL "E1"	2
3			10.0							11.9			4
5				10.0							11.9		6
7	SPARE				125	3	3	225	10.0			PANEL "C1"	8
9										10.0			10
11											8.0		12
13	SPARE				225	3	3	400	41.5			PANEL "C2"	14
15										42.5			16
17											42.0		18
19	SPARE				400	3	3	400	42.5			PANEL "C3"	20
21										43.5			22
23											44.0		24
25	PANEL "A1"	26.0			225	3	3	225	12.9			PANEL "L1"	26
27			24.0							13.8			28
29				25.5							14.8		30
31	PANEL "A2"	34.0			400	3	3	225	10.7			PANEL "F1"	32
33			34.0							10.0			34
35				32.0							11.7		36
37	PANEL "A3"	21.0			400	3	3	400	23.4			PANEL "M1"	38
39			21.0							26.3			40
41				19.0							26.6		42
SUB TOTAL CONNECTED		91.0	89.0	86.5					155.4	158.0	159.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 246.4 SUB TOTAL CONNECTED øB: 247.0 SUB TOTAL CONNECTED øC: 245.5 TOTAL CONNECTED: 738.9

NOTES:
1. PROVIDE SHUNT TRIP ON BREAKER #1 CONNECT TO FIRE ALARM SYSTEM AS REQUIRED.

PANEL F1 MAINS: 225A VOLTAGE/PHASE: 120/208V,3ø,4W,WYE MOUNTING: SURFACE ENTRY: BOTTOM
FEEDER SIZE: #3/0 SHORT CKT. CAPACITY: 22,000A MAIN BREAKER: NO-MLO

CKT. NO.	SERVES	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	BREAKER TRIP	BREAKER POLE	BREAKER POLE	BREAKER TRIP	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	SERVES	CKT. NO.
1	RECEPTACLES 109	1.0			20	1	1	20	1.0			RECEPTACLES 107	2
3	RECEPTACLES 109		1.0		20	1	1	20		1.0		RECEPTACLES 107	4
5	RECEPTACLES 149			1.0	20	1	1	20			1.0	RECEPTACLES 109	6
7	RECEPTACLES 113	1.0			20	1	1	20	1.0			RECEPTACLES 109	8
9	RECEPTACLES 113		1.0		20	1	1	20		1.0		RECEPTACLES 111	10
11	RECEPTACLES 113			1.0	20	1	1	20			1.0	RECEPTACLES 111	12
13	RECEPTACLES 117	1.0			20	1	1	20	1.0			RECEPTACLES 111	14
15	RECEPTACLES 117		1.0		20	1	1	20		1.0		RECEPTACLES 111	16
17	RECEPTACLES 157			1.0	20	1	1	20			1.0	RECEPTACLES 109	18
19	RECEPTACLES 157	1.0			20	1	1	20	1.0			RECEPTACLES 109	20
21	RECEPTACLES 119		1.0		20	1	1	20		1.0		RECEPTACLES 109	22
23	RECEPTACLES 119			1.0	20	1	1	20			1.0	MOTORIZED DOORS	24
25	RECEPTACLES 119	1.0			20	1	1	20				SPARE	26
27	SPARE				20	1	1	20				SPARE	28
29	SPARE				20	1	1	20				SPARE	30
31	SPARE				20	1	1	20				SPARE	32
33	SPARE				20	1	1	20				SPARE	34
35	SPARE				20	1	2	20			1.7	UNIT HEATER	36
37	SPARE				20	1			1.7			SPARE	38
39	SPARE				20	1	2	30		2.0		AHU-4	40
41	SPARE				20	1					2.0	SPARE	42
SUB TOTAL CONNECTED		5.0	4.0	4.0					5.7	6.0	7.7	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 10.7 SUB TOTAL CONNECTED øB: 10.0 SUB TOTAL CONNECTED øC: 11.7 TOTAL CONNECTED: 32.4

NOTES:

PANEL L1 MAINS: 225A VOLTAGE/PHASE: 120/208V,3ø,4W,WYE MOUNTING: RECESSED ENTRY: BOTTOM
FEEDER SIZE: #3/0 SHORT CKT. CAPACITY: 22,000A MAIN BREAKER: NO-MLO

CKT. NO.	SERVES	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	BREAKER TRIP	BREAKER POLE	BREAKER POLE	BREAKER TRIP	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	SERVES	CKT. NO.
1	AHU-5	2.0			30	2	1	20	1.0			FITNESS RECEPT	2
3			2.0				1	20		1.0		FITNESS RECEPT	4
5	AHU-3			2.6	30	3	1	20			1.0	FITNESS RECEPT	6
7		2.6					1	20	1.0			LIGHTING	8
9			2.6				1	20		1.0		LIGHTING	10
11	VEND MACHINE			1.0	20	1	1	20			1.0	LIGHTING	12
13	ICE MACHINE	1.0			20	1	1	20				SPARE	14
15	REFRIGERATOR		1.0		20	1	1	20				SPARE	16
17	COUNTER REC			1.0	20	1	1	20				SPARE	18
19	RESTROOM REC	0.4			20	1	1	20				SPARE	20
21	RESTROOM FANS		0.4		20	1	1	20				SPARE	22
23	LAUNDRY REC			0.4	20	1	1	20				SPARE	24
25	SPARE				20	1	1	20				SPARE	26
27	SPARE				20	1	1	20	1.0			SPARE	28
29	SPARE				20	1	1	20			1.0	GAS DRYER	30
31	SPARE				20	1	1	20		1.0		GAS DRYER	32
33	HP-5		0.9		20	2	1	20			1.0	GAS DRYER	34
35				0.9			2	30			2.0	WASHER	36
37	HP-3	1.9			30	3			2.0				38
39			1.9				2	30		2.0		WASHER	40
41				1.9						1.0			42
SUB TOTAL CONNECTED		7.9	8.8	7.8					5.0	5.0	7.0	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 12.9 SUB TOTAL CONNECTED øB: 13.8 SUB TOTAL CONNECTED øC: 14.8 TOTAL CONNECTED: 41.5

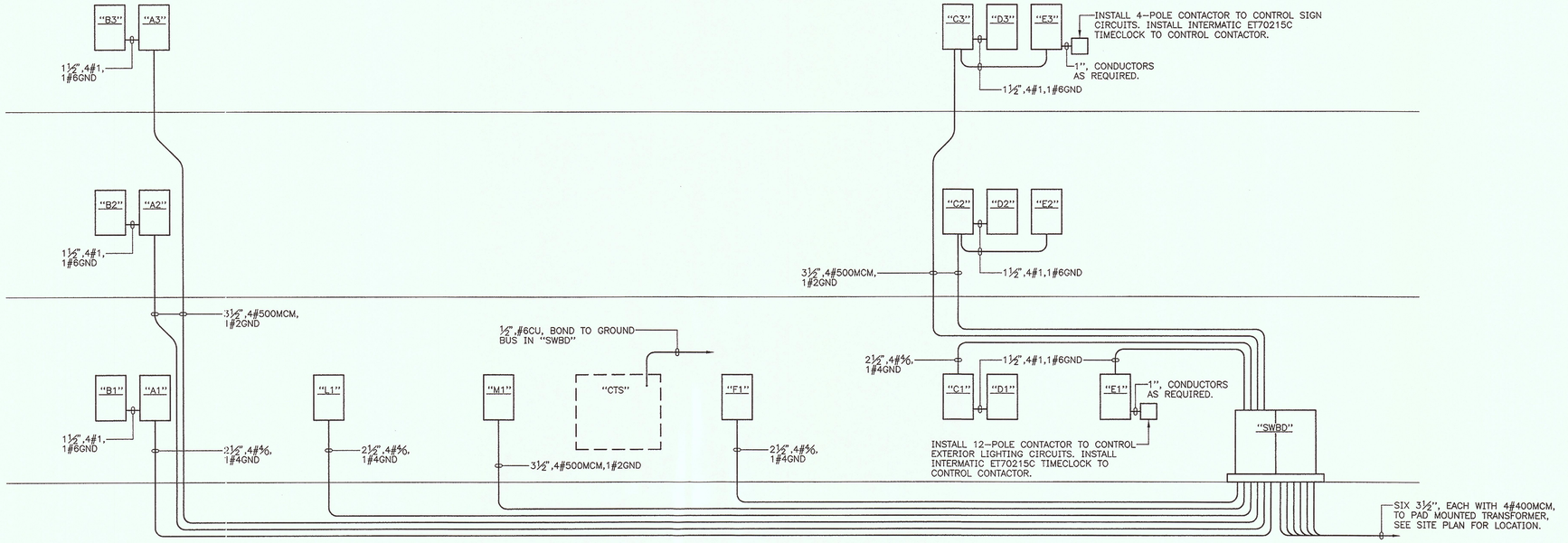
NOTES:

PANEL M1 MAINS: 400A VOLTAGE/PHASE: 120/208V,3ø,4W,WYE MOUNTING: SURFACE ENTRY: BOTTOM
FEEDER SIZE: #500MCM SHORT CKT. CAPACITY: 22,000A MAIN BREAKER: NO-MLO

CKT. NO.	SERVES	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	BREAKER TRIP	BREAKER POLE	BREAKER POLE	BREAKER TRIP	LOAD (KVA) øA	LOAD (KVA) øB	LOAD (KVA) øC	SERVES	CKT. NO.
1	RECEPTACLES	1.0			20	1	3	50	4.8			PAU-1	2
3	WATER HEATER		1.0		20	1				4.8			4
5	UNIT HEATER			2.5	30	2					4.8		6
7		2.5					3	70	6.7			DUCT HEATER	8
9	DSS-1		1.6		20	2				6.7			10
11				1.6							6.7		12
13	ELEV RM REC	0.2			20	1	3	30	2.5			AHU-1	14
15	ELEV LTS/CTRLS		1.0		20	1				2.5			16
17	ELEV PIT LT/REC			0.5	20	1					2.5		18
19	SUMP PUMP	0.5			20	1	3	30	2.5			AHU-2	20
21	UNIT HEATER		1.7		20	2				2.5			22
23				1.7							2.5		24
25	POOL HEATERS	0.5			20	1	1	20	0.2			POOL LIGHTS	26
27	SPA PUMP		1.0		20	2	1	20		1.5		POOL LIGHTS	28
29				1.0			1	20			0.8	LIGHTS	30
31	SPA PUMP	1.0			20	2	1	20				SPARE	32
33			1.0				1	20				SPARE	34
35	POOL PUMP			1.0	20	2	2	20				SPARE	36
37		1.0											38
39	POOL PUMP		1.0		20	2	2	30				SPARE	40
41				1.0									42
SUB TOTAL CONNECTED		6.7	8.3	9.3					16.7	18.0	17.3	SUB TOTAL CONNECTED	

SUB TOTAL CONNECTED øA: 23.4 SUB TOTAL CONNECTED øB: 26.3 SUB TOTAL CONNECTED øC: 26.6 TOTAL CONNECTED: 76.3

NOTES:



FEEDER DIAGRAM
NO SCALE

Vreeland Engineers Inc.
3107 Sutherland Ave.
P.O. Box 10648
Knoxville, TN. 37939
PH: (865) 637-4451
FAX: (865) 637-1558
WATS: 800-362-9789
vreelandengineers.com

HOLIDAY INN EXPRESS
HIGHWAY NO. 61
HARRIMAN, TENNESSEE

cope associates inc
architecture
2807 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 694-1690
E-MAIL Address cope@cope-associates.com

Drawing Description:
FEEDER DIAGRAM

Drawn by: VEI
Checked by: LTH
Date: 07/22/05

REVISIONS

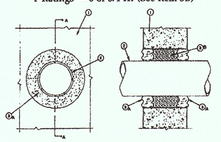
No.	Date

LARRY T. HEAD REGISTERED ENGINEER 107675 STATE OF TENNESSEE 7/21/05

Dwg No.
E3.2
Project No. 05036

Holiday Inn Harriman - Feeder Diagram.dwg
J.J.T. 07/22/05 11:41 AM LH05265(LH)

System No. C-AJ-1003
(Formerly System No. 83)
F Rating — 3 Hr
T Ratings — 0 or 3/4 Hr (See Item 3B)



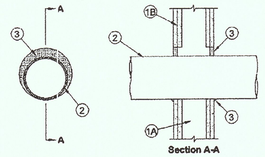
1. **Floor or Wall Assembly** — Min 4-1/2 in. thick reinforced lightweight or normal weight (100-150 pcf) concrete. Wall may also be constructed of any UL Classified **Concrete Blocks***. Max diam of opening is 8 in. See **Concrete Blocks** (CAZT) category in the Fire Resistance Directory for names of manufacturers.
2. **Through Penetrants** — One metallic pipe, conduit or tubing to be centered within the firestop system. Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. A nom annular space of 2 in. is required within the firestop system. The following types and sizes of metallic pipes, conduits or tubing may be used:
   A. **Steel Pipe** — Nom 6 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.
   B. **Iron Pipe** — Nom 6 in. diam (or smaller) cast or ductile iron pipe.
   C. **Conduit** — Nom 4 in. diam (or smaller) steel electrical metallic tubing or nom 6 in. diam (or smaller) steel conduit.
3. **Firestop System** — The firestop system shall consist of the following:
   A. **Packing Material** — Min 6 pcf mineral wool batt insulation or loose ceramic fiber insulation firmly packed into opening as a permanent form. Packing material to be recessed from top and bottom surfaces of floor or from both surfaces of wall as required to accommodate the required thickness of fill material. The thickness of packing material is dependent upon the construction details of the firestop system as tabulated in Item 3B.
   B. **Fill, Void or Cavity Material*** — **Putty** — Fill material applied within the annulus, flush with top and bottom surfaces of floor or with both surfaces of wall. The T Rating of the firestop system is dependent upon max diam of opening, thickness of packing material and thickness of fill material as tabulated below:

Max Diam of Opening In.	Min Packing Mtl Thkns In.	Min Fill Mtl Thkns In.	T Rating Hr
8	2-1/2	1	0
4	3	3/4	3/4

EGS NELSON FIRESTOP —Type FSP Putty
*Bearing the UL Classification Mark

FIRE PENETRATION DETAIL–3 HOUR FLOOR/WALL CONSTRUCTION
N.T.S.

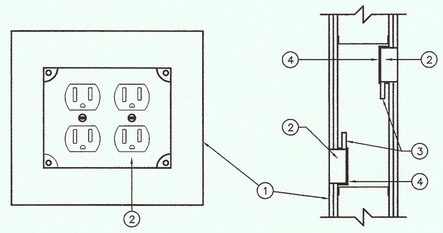
System No. W-L-1062
F Ratings — 1 and 2 Hr
T Rating — 0 Hr
L Rating At Ambient — Less Than 1 CFM/sq ft
L Rating At 400 F — Less Than 1 CFM/sq ft



1. **Wall Assembly** — The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:
   A. **Studs** -- Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC.
   B. **Gypsum Board*** — Thickness, type, number of layers and fasteners as required in the individual Wall and Partition Design. Max diam of opening in wood stud walls is 8 in. Max diam of opening in steel stud walls is 14 in.
   The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.
2. **Through Penetrants** — One metallic pipe, conduit or tubing to be installed within the firestop system. The space between pipe, conduit or tubing and periphery of opening shall be a min 0 in. (point contact) to a max 2 in. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
   A. **Steel Pipe** — Nom 12 in. diam (or smaller) Schedule 5 (or heavier steel pipe.
   B. **Iron Pipe** — Nom 12 in. diam (or smaller) cast or ductile iron pipe.
   C. **Conduit** — Nom 4 in. diam (or smaller) electrical metallic tubing, nom 6 in. diam (or smaller) steel conduit or nom 1 in. diam (or smaller) flexible steel conduit.
   D. **Copper Tubing** — Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing.
   E. **Copper Pipe** — Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe.
3. **Fill, Void or Cavity Material*** — **Caulk** — Min 5/8 in. thickness of fill material applied within the annulus, flush with both surfaces of wall. Min 3/8 in. diam bead of fill material applied at point contact location at the penetrant/gypsum board interface on both sides of wall.
   GENERAL ELECTRIC CO
   SILICONE PRODUCTS DIV —Pensil 100 Caulk.
   SPECIFIED TECHNOLOGIES INC —Pensil 100 Sealant and Pensil 300 Sealant.

*Bearing the UL Classification Mark

FIRE PENETRATION DETAIL–1 HOUR WALL CONSTRUCTION
N.T.S.

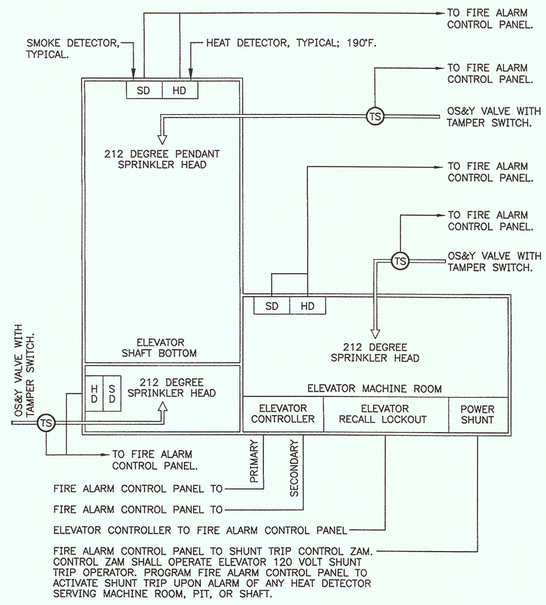


1. RATED GYPSUM WALL BOARD ASSEMBLY.
2. NOMINAL 4"x4" FLUSH DEVICE U.L. LISTED METALLIC BOX.
3. CONDUIT LEADING TO ELECTRICAL BOX.
4. SPECSEAL PUTTY PAD. COMPLETELY COVER EXTERIOR SURFACES OF THE BOX WITHIN THE STUB CAVITY WITH AN ADDITIONAL ⅛" OF PUTTY FORMED AROUND THE END OF EACH ELECTRICAL METALLIC TUBE OR CONDUIT AT ITS CONNECTION TO THE BOX. WHEN MOLDABLE PUTTY PAD OUTLET BOX PROTECTIVE MATERIAL USED AS DIRECTED, THE HORIZONTAL SEPARATION BETWEEN OUTLET BOXES ON OPPOSITE SIDES OF THE WALL MAY BE LESS THAN 24" PROVIDED THAT THE BOXES ARE NOT INSTALLED BACK–TO–BACK.

NOTE: THE PRODUCTS USED IN THIS DESIGN SYSTEM HAVE BEEN TESTED AS FOLLOWS:

- ASTM E814 (UL1479). REFER TO U.L. CATEGORY CLIV. (PAGE 1516, VOLUME ONE 1995)
- ASTM E119 (TIME/TEMPERATURE EXPOSE) (COTTON WASTE IGNITION)
- ANNULAR SPACE REQUIREMENTS

FIRESTOP FOR METALLIC ELECTRICAL OUTLET BOXES
NO SCALE (2 HOUR RATING)



ELEVATOR/FIRE ALARM DETAIL
NO SCALE (SPRINKLERED)

HEAT DETECTORS SHALL BE INSTALLED WITHIN 2FT. OF EACH SPRINKLER HEAD SERVING ELEVATOR MACHINE ROOM, PIT, AND SHAFT. HEAT DETECTORS SERVING THESE AREAS SHALL BE 190°F FIXED TEMPERATURE

HOLIDAY INN EXPRESS
HIGHWAY NO. 61
HARRIMAN, TENNESSEE

COPE associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
(865) 694-9000
(865) 584-1860
cope@cope-associates.com

Drawing Description.....
DETAILS

Drawn by: VBI
Checked by: LTH
Date: 07/22/05

REVISIONS

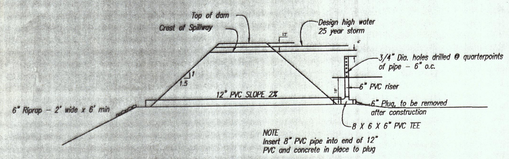
No.	Date

LARRY T. HAMM
REGISTERED ENGINEER
ARCHITECTURE
No. 107611
STATE OF TENNESSEE
7/22/05

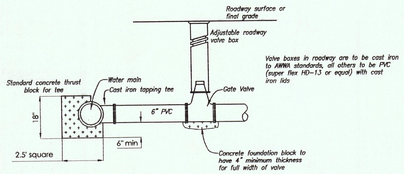
Dwg No.
E4.1
Project No. 05036

Vreeland Engineers Inc.
3107 Sutherland Ave.
P.O. Box 10548
Knoxville, TN. 37939
PH: (865) 637-4451
FAX: (865) 637-1558
WATS: 800-382-9789
vreelandengineers.com

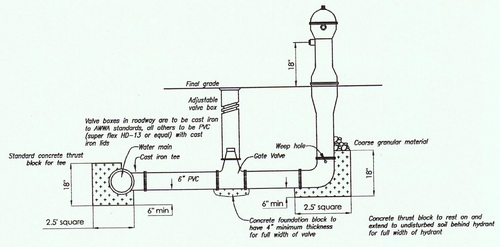
Holiday Inn Harriman – Details.dwg
L.T.H. 07/22/05 10:13 AM LH05265(LH)



1 C2.0 **ELEVATION OF DAM**
NOT TO SCALE

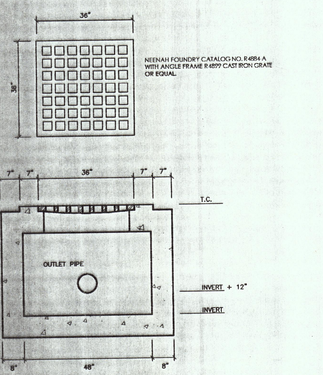


2 C2.0 **DETAIL FOR TAPPING INTO EXISTING WATER MAIN AND GATE VALVE INSTALLATION**
NOT TO SCALE

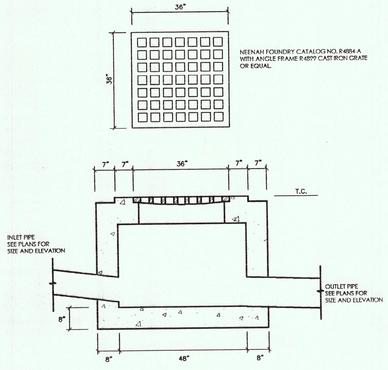


3 C2.0 **DETAIL FOR FIRE HYDRANT**
NOT TO SCALE

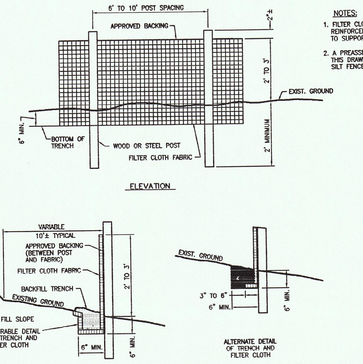
WATER NOTES:
1) PIPE JOINTS ARE TO BE OF THE TYPE APPROVED BY THE LOCAL GOVERNING AGENCY
2) ALL CONCRETE IS TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF NOT LESS THAN 3000 PSI
3) FIRE HYDRANT MAKE, MODEL AND THREAD SIZE SHALL COMPLY WITH THE LOCAL FIRE DEPARTMENT REQUIREMENTS
4) MATERIAL AND INSTALLATION WILL BE CONSISTANT WITH THE STANDARD SPECIFICATIONS OF THE HARRIMAN UTILITY BOARD
5) WATER MAINS WILL BE BURIED A MINIMUM OF 30" BELOW THE FINAL GRADE
6) NO. 14 TRACING WIRE WILL BE INSTALLED IN THE BOTTOM OF THE TRENCH
7) WATER MAINS MUST BE INSTALLED WITH CAST IRON OF DUCTILE IRON FITTINGS IN CURVES (NO BENDING OF PVC PIPE)
8) NO THRUST BLOCKS OF PIPE INSTALLATION SHALL BE BACKFILLED UNTIL INSPECTED BY THE HARRIMAN UTILITY BOARD
9) MEG-A-LUG CLAMPS, OR EQUAL SHALL BE USED AT ALL PVC TO METAL TRANSITIONS
10) PRESSURE TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATION OR AWWA STANDARD C600-87
11) IN AREAS OF ROCK THE PIPE SHALL HAVE A 6" BED OF SAND PLACED ON THE ROCK PRIOR TO THE PIPE INSTALLATION
12) TYPICAL DETAILS, AS SHOWN, ARE TO ILLUSTRATE THE ENGINEER'S INTENTIONS OF INSTALLING WATER MAINS AND ARE NOT PRESENTED AS A SOLUTION TO ALL CONSTRUCTION PROBLEMS ENCOUNTERED IN THE FIELD. CONTRACTOR MAY ALTER METHOD OF CONSTRUCTION TO SUIT FIELD CONDITIONS



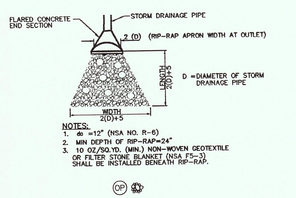
4 C2.0 **DRAINAGE GRATE**
NOT TO SCALE



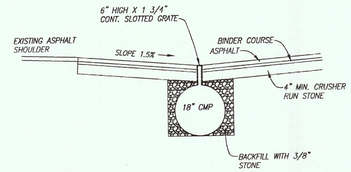
5 C2.0 **DRAINAGE GRATE**
NOT TO SCALE



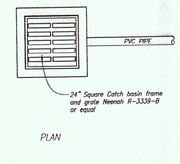
6 C2.0 **FENCING AND TRENCH DRAIN**
NOT TO SCALE

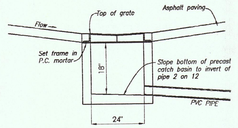


7 C2.0 **STORM DRAINAGE**
NOT TO SCALE

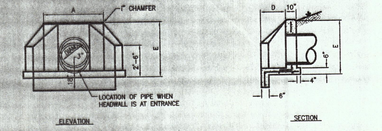


17 C2.0 **DRAIN PIPE DETAIL**
NOT TO SCALE



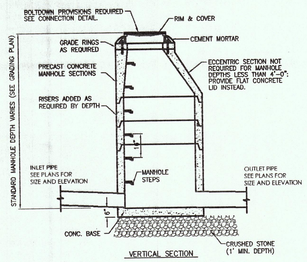


18 C2.0 **CATCH BASIN**
NOT TO SCALE

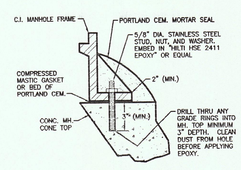


DIAM. OF PIPE	A	B	C	D	E
8"	3'-1"	1'-1"	5'-1"	2'-0"	2'-10"
12"	3'-5"	1'-5"	5'-5"	2'-0"	3'-2"
15"	3'-8"	1'-8"	5'-8"	2'-0"	3'-6"
18"	3'-11"	1'-11"	5'-11"	2'-0"	3'-11"
21"	4'-2"	2'-2"	6'-2"	2'-0"	4'-2"
24"	4'-8"	2'-6"	6'-6"	2'-0"	4'-5"
27"	5'-2"	2'-10"	6'-10"	2'-0"	4'-8"
30"	5'-8"	3'-2"	7'-10"	2'-6"	5'-8"
36"	6'-0"	3'-8"	9'-10"	3'-1"	5'-3"
42"		4'-2"	11'-10"	3'-10"	5'-9"
48"	7'-8"	4'-8"	13'-10"	4'-7"	6'-3"

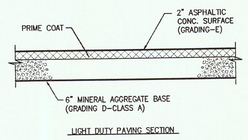
8 C2.0 **DRAINAGE PIPE**
NOT TO SCALE



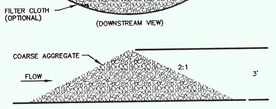
9 C2.0 **MANHOLE SECTION**
NOT TO SCALE

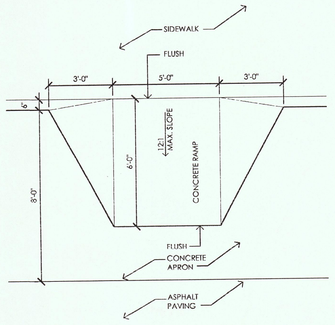


10 C2.0 **MANHOLE COVER DETAIL**
NOT TO SCALE

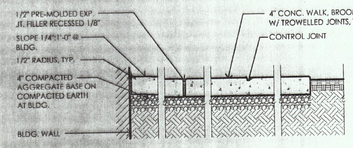


11 C2.0 **PAVING SECTION**
NOT TO SCALE

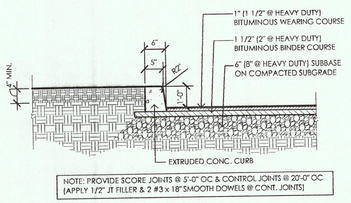




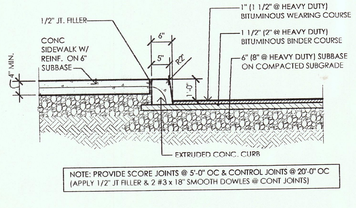
16 C2.0 **ACCESS RAMP DETAIL**
NOT TO SCALE



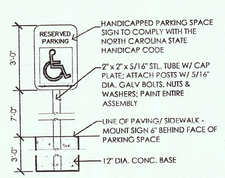
12 C2.0 **CONCRETE WALK DETAIL**
NOT TO SCALE



13 C2.0 **CURB DETAIL**
NOT TO SCALE



14 C2.0 **CURB AND WALK DETAIL**
NOT TO SCALE



15 C2.0 **HANDICAP SIGN DETAIL**
NOT TO SCALE

FIRST CIVIL DISTRICT ROANE COUNTY, TN
SCALE 1" = 40'

FREEMAN ENGINEERING AND SURVEYING
199 CARROT LANE ROCKWOOD, TN 37854
(865) 354-2960

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

cope associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address cope@cope-associates.com

TOPO, SITE PLAN, DRAINAGE PLAN AND CALCULATIONS

Drawn by:
Checked by: MF
Date: 7/22/05

REVISIONS

No.	Date

Dwg No. C2.0
Project No. 05036

NORTH MERIDIAN oriented to plat by Development Technology Company dated June 1, 2004

Contours taken from plat by Development Technology Company dated June 1, 2004

STATE HIGHWAY NO. 61 R.O.W.

TO HARRIMAN

TO ROCKWOOD

6" PVC
8" CONCRETE
6" DI
4" PLASTIC

N 65°06' E 214.40'

S 59°44' W 50.00'

Existing Fire Hydrant

PATEL
WDB M18, p. 563

EXISTING ASPHALT

SUBLETT & MAYES
WDB F22, p. 927

COMMERCIAL BUILDING

PROVIDE 18" DEEP SWALE DITCH WITH CHECK DAMS TO SLOW RUNOFF WATER

2' WIDE CURB CUT WITH 6" RIPRAP TO DITCH

EXISTING UTILITY POLE

ENTRANCE SIGN

BINGHAM
WDB L18, p. 154

COMMERICAL BUILDING

18" SLOTTED CMP, SEE 17/C-2.0

CENTER OF PROPOSED 24' WIDE ASPHALT DRIVE

PROVIDE 18" DEEP SWALE DITCH WITH CHECK DAMS TO SLOW RUNOFF WATER

TOP OF WALL EL. 848.50

CATCH BASIN EL. 847.00 A/C-2.0

FLOW

HIGH POINT

TOP OF ASPHALT EL. 848.25

ASPHALT SURFACE

6 SPACES @ 9'X19'

28 SPACES @ 9'X19'

PORTE COCHERE ABOVE

GROUND SIGN

RETENTION POND 3600 CU. FT. STORAGE WITH 6" STANDPIPE, SPILLWAY TO BE PLACED ON IN-SITU SOIL

FINISHED FLOOR ELEVATION @ 849.0

3 STORIES
68 ROOMS
40,878 S.F.
2.32 ACRES

2' WIDE CURB CUT WITH 6" RIPRAP TO DITCH

NewFire Hydrant, See 3/C-2.0

2' WIDE CURB CUT WITH 6" RIPRAP TO DITCH

ISHMAN
WDB D20, p. 738

PROPOSED 50' WIDE ACCESS AND UTILITY EASEMENT TO BE DEEDED FROM BINGHAM
22974.4 SQ. FT.
0.53 ACRES

PROPOSED 50' WIDE ACCESS AND UTILITY EASEMENT

BINGHAM
WDB L18, p. 154

PATEL
WDB M18, p. 563

THIS PIECE OF PROPERTY TO BE INCLUDED WITH THE "HOLIDAY INN EXPRESS" FOR RETENTION POND

RETENTION POND 3600 CU. FT. STORAGE WITH 6" STANDPIPE, SPILLWAY TO BE PLACED ON IN-SITU SOIL

PROVIDE 12" DEEP SWALE DITCH WITH CHECK DAMS

DELOZIER
WDB M20, p. 375

12" CMP

CATCH BASIN EL. 847.00 A/C-2.0

Existing grade

PROPOSED 35' WIDE STRIP TO BE DEEDED FROM DELOZIER
7045.2 SQ. FT.
0.16 ACRES

PROVIDE 12" DEEP SWALE DITCH WITH CHECK DAMS TO PREVENT RUNON WATER

Final grade

GIVEN INPUT DATA

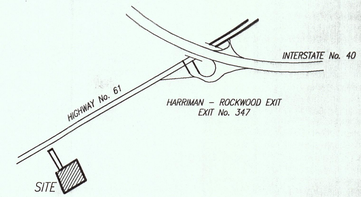
EXISTING HYDRANT
- ELEVATION 784.40 FT
- PRESSURE 120.00 PSI

TOP OF STAND PIPE
- ELEVATION 878.33 FT
- DISCHARGE 1.00 GPM
- DIAMETER 6.00 IN
- LENGTH 700.00 FT

HAZEN-WILLIAMS C 12.00

FACTORED RESULTS

PRESSURE @ TOP OF STANDPIPE	79.28 PSI
VELOCITY @ TOP OF STANDPIPE	0.01 FPS
HEADLOSS	0.00 FT
ENERY GRADE @ EXISTING HYDRANT	1061.24 FT
ENERGYGRADE @ TOP OF STANDPIPE	1061.24 FT
FRICTION SLOPE	0.000 FT/ 1000FT



SITE LOCATION MAP
Not to Scale

DRAINAGE CALCULATIONS

DETERMINE ADEQUATE SIZE OF DRAIN PIPES IN PARKING AREA USING RATIONAL FORMULA

Q = ciA

ASSUME C = 0.90
i = 2" PER HOUR (5 YEAR FLOOD)
A = 5230 SQUARE FEET 0.12 ACRE

FROM Q = ciA
Q = 0.9 x 2 x 0.12
Q = 0.216 CUBIC FEET/ SECOND

DETERMINE VELOCITY OF FLOW FOR AN 8" PIPE

FROM V = Q/A
V = 0.216 CUBIC FEET/ SECOND x 1/64 x 144 SQUARE INCHES/ SQUARE FEET
V = 0.486 FEET/ SECOND

FIRST CIVIL DISTRICT ROANE COUNTY, TN
SCALE 1" = 40'

PROPERTY IS ZONED C-2

CONTOUR LINES OFFSITE ARE APPROXIMATE

OWNER WILL ACQUIRE EASEMENTS FROM ADJOINING OWNERS TO CONSTRUCT PONDS, DITCHES, AND TO PERFORM ANY CUTTING OR FILLING ON ADJACENT

JAMES M. FREEMAN
REGISTERED ENGINEER

Holiday Inn EXPRESS HOTEL & SUITES

HIGHWAY 61
HARRIMAN, TN
HOTEL FOR
SHASHI PATEL

copa associates inc architecture
2607 Kingston Pike, Suite 5
Knoxville, Tennessee 37919
Phone Number (865) 694-9000
FAX Number (865) 584-1860
E-MAIL Address copa@copa-associates.com

TOPO, SITE PLAN, DRAINAGE PLAN AND CALCULATIONS

Drawn by:
Checked by: MF
Date: 7/22/05

REVISIONS

No.	Date