MONROW BOUTIQUE

THE VILLAGE at HENDRIX

Town Center Building 'D'
Conway, Arkansas

ISSUE SET

GENERAL BUILDING NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH PLANS AND CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.

2. IN THE EVENT OF CONFLICT BETWEEN THE CONSTRUCTION DOCUMENTS (ARCHITECTURAL, MECHANICAL, ELECTRICAL, ETC.) THE CONTRACTOR SHALL CONTACT THE ARCHITECT FOR CLARIFICATION PRIOR TO PROCEEDING WITH THAT WORK.

3. DO NOT SCALE DRAWINGS: DIMENSIONS GOVERN. WHERE CONFLICTS OCCUR BETWEEN LARGE AND SMALL SCALE DETAIL DIMENSIONS, NOTIFY ARCHITECT FOR CLARIFICATION.

4. THE CONTRACTOR SHALL SUBMIT FOR, OBTAIN AND PAY FOR ALL PERMITS, FEES, INSPECTION FEES, TESTING FEES AND DEPOSITS REQUIRED BY GOVERNING BODIES HAVING LEGAL JURISDICTION FOR THE INSTALLATION OF ALL WORK. CONTRACT SUM SHALL INCLUDE ALL FEES, DEPOSITS, METER CHARGES, AND COORDINATION WITH THE VARIOUS UTILITY COMPANIES FOR SERVICE. FINAL HOOKUP AND CONNECTION TO BE BY BUILDING GENERAL CONTRACTOR. IT SHALL BE THE BUILDING GENERAL CONTRACTOR'S REPONSIBILITY TO CALL FOR LOCAL INSPECTIONS AND OBTAIN APPROVAL FROM LOCAL INSPECTORS.

5. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY FOR THE PERFORMANCE OF THE WORK.

6. IN THE EVENT OF A CONFLICT BETWEEN APPLICABLE CODES AND REGULATIONS AND REFERENCE STANDARDS OF THESE PLANS AND SPECIFICATIONS, THE MORE STRINGENT PROVISIONS SHALL GOVERN.

7. UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, TRANSPORTATION AND OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK.

8. CONTRACTOR TO SUPPLY REQUIRED SPRINKLER DESIGNS AND DRAWINGS TO BE APPROVED BY LOCAL FIRE MARSHAL, OWNER'S INSURANCE COMPANY, ARCHITECT AND THE ENGINEER OF RECORD. CONTRACTOR SHALL PAY FOR ALL PERMITS AND FEES REQUIRED TO EXECUTE THE WORK.

9. THE CONTRACTOR SHALL COORDINATE LAYOUT OF SPRINKLER PIPING WITH ALL PLUMBING, MECHANICAL, AND ELECTRICAL EQUIPMENT PRIOR TO INSTALLATION.

10. WORKMANSHIP, MATERIALS AND INSTALLATION SHALL CONFORM TO LATEST EDITIONS OF THE APPLICABLE BUILDING CODES, AS WELL AS APPLICABLE STATE AND LOCAL CODES, TRADE ASSOCIATION STANDARDS, AND MANUFACTURER'S STANDARDS THAT HAVE AUTHORITY OVER THIS PROJECT.

11. CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT FINISHED CONSTRUCTION. THEY DO NOT INDICATE METHOD OF CONSTRUCTION OF BUILDING AND STRUCTURE. CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT STRUCTURE AND PERSONNEL DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO BRACING, SHORING OF LOADS DUE TO CONSTRUCTION EQUIPMENT, EXCAVATION PROTECTION, SCAFFOLDING, JOB SITE SAFETY, ETC. OBERVATION VISITS TO THE SITE BY ARCHITECT, OWNER, OR ENGINEER SHALL NOT INCLUDE INSPECTION OF ABOVE ITEMS.

12. IF REQUIRED BY THE CONTRACT DRAWINGS - PENETRATIONS THRU WALLS OR CEILINGS NOTED TO BE FIRE RATED ARE TO BE SEALED AS REQUIRED TO MAINTAIN THE RATING OF THE WALL OR CEILING. DUCTWORK PENETRATIONS THRU RATED ASSEMBLIES SHALL BE PROVIDED WITH AN APPROPRIATELY RATED FIRE DAMPER IF REQUIRED.

13. THIS FACILITY HAS BEEN DESIGNED WITH THE INTENT TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA). GRAPHIC GUIDELINES FOR CLEARANCES AT DOORS AND TOILET ROOMS HAVE BEEN PROVIDED FOR REFERENCE. WHERE DIMENSIONS INDICATED OR PRODUCTS SPECIFIED HEREIN DO NOT COMPLY WITH GUIDELINES NOTIFY THE ARCHITECT IN WRITING PRIOR TO ORDERING THE ITEM IN QUESTION OR CONSTRUCTION OF THE AFFECTED ASSEMBLY.

14. ALL WOOD IN CONTACT WITH MASONRY OR EARTH SHALL BE PRESSURE TREATED.

15. ESTABLISH AND VERIFY ALL OPENING AND INSERTS FOR ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING, AND ASSOCIATED WORK PRIOR TO CONSTRUCTION.

16. NOTE: ALL DIMENSIONS ARE TO THE FACE OF STUD, UNLESS NOTED OTHERWISE ON DRAWINGS.

17. CONTRACTOR SHALL PROVIDE BACKING BEHIND FINISHED WALL AND CEILING SURFACES FOR SUPPORT AND ATTACHMENT OF CASEWORK, SHELVING, MIRRORS, COUNTERS, TOILET PARTITIONS, DOOR WALL STOPS AND ACCESSORIES, ETC.

18. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE BUILDING AND SITE CLEAN, AND PROVIDE ALL AND ANY SAFETY PROVISIONS TO ENSURE THE PUBLIC SAFETY.

19. MATERIALS, EQUIPMENT, ETC. NOT INDICATED ON DRAWINGS OR SPECIFIED HEREIN BUT REQUIRED FOR SUCCESSFUL AND SUFFICIENT COMPLETION OF THE INSTALLATION SHALL BE HELD TO BE IMPLIED AND SHALL BE FURNISHED AND INSTALLED AT NO ADDITIONAL COST TO THE OWNER.

20. ALL MATERIALS AND EQUIPMENT FURNISHED BY CONTRACTORS SHALL BE NEW AND FREE FROM DEFECTS. DAMAGED WORK MUST BE REPLACED AT NO ADDITIONAL COST TO THE OWNER.

21. ALL MANUFACTURED MATERIALS, COMPONENTS, FASTENERS, ASSEMBLIES, ETC., SHALL BE HANDLED AND INSTALLED IN CONFORMANCE WITH MANUFACTURERS SPECIFICATIONS AND INSTRUCTIONS. WHERE SPECIFIC PRODUCTS ARE CALLED FOR, GENERIC EQUIVALENTS, WHICH MEET APPLICABLE STANDARDS AND SPECIFICATIONS, MAY BE USED IF APPROVED BY THE ARCHITECT. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR ARCHITECTS REVIEW AND APPROVAL, TYPICAL.

22. ALL WORKMANSHIP AND MATERIALS SHALL BE GURANTEED FOR ONE YEAR AFTER WRITTEN ACCEPTANCE.

23. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR PLENUM RATED CONDITIONS.

INDEX OF DRAWINGS

BUILDING CODE ANALYSIS

GENERAL PROJECT DESCRIPTION:
ALTERATION OF AN EXISTING 2,400 SQUARE FOOT RETAIL SPACE FOR MONROW BOUTIQUE IN THE TOWN CENTER BUILDING 'D' OF THE VILLAGE AT HENDRIX IN CONWAY, ARKANSAS. CONSTRUCTION, IN NORTH LITTLE ROCK, ARKANSAS. THE ALTERATIONS WILL CONSIST OF THE FOLLOWING: PARTIAL REMOVAL OF EXISTING WALLS, DOORS, FINISH FLOOR MATERIALS, CEILING, LIGHTS, HVAC, ETC...AND THE REINSTALLATION OF NEW WALLS, DOORS, INTERIOR WINDOWS, FINISH FLOOR MATERIALS, CEILING, LIGHTS, HVAC, ETC.....

APPLICABLE CODES:

FIRE CODE:	2007 Arkansas Fire Prevention Code Volume I with appendices A, B, C, D, E, F, G and the 2006 revisions. Based on the 2006 International Fire Code
BUILDING CODE:	2007 Arkansas Fire Prevention Code Volume II with appendices C, D, E, F, G, H, I, J and the 2006 revisions. Based on the 2006 International Building Code
MECHANICAL CODE:	2010 AR. Mechanical Code with Appendix A and 2010 revisions. (based on the 2009 IMC)
PLUMBING CODE:	AR. State Plumbing code, 2006 Edition (based on the 2006 IPC)
ELECTRICAL CODE:	2011 National Electrical Code
ENERGY CODE:	AR. Energy Code Rules and Regulations for Energy Efficiency Standards, 2004 Edition (based on 2003 International Energy Code)
ACCESSIBILITY:	2003 ICC/ANSI A117.1 Americans with Disabilities

PROJECT AREA:
FIRST FLOOR, RETAIL SPACE: 2,400 SF

OCCUPANCY CLASSIFICATION:
GROUP M - MERCANTILE

TYPE OF CONSTRUCTION (TABLE 601):
TYPE III - B (12,500 SQUARE FOOT LIMIT), RETAIL LEVEL: UNPROTECTED, SPRINKLERED PER NFPA 13

FIRE PROTECTION SYSTEM EXISTING:
FIRST FLOOR, RETAIL SPACE PROTECTED PER 903.3.1.1 NFPA 13

OCCUPANT LOAD (TABLE 1003.2.2.2)

MERCANTILE (30 SF/ PERSON) @ 2,071:	69 OCCUPANTS

MEANS OF EGRESS:

REQUIRED EGRESS:	TWO (SECTION 1015, TABLE 1015.1 & TABLE 1019.1)
MAX. TRAVEL DISTANCE ALLOWED:	300' (TABLE 1016.1)
MIN. CORRIDOR WIDTH ALLOWED:	44" MIN. (SECTION 1017.2)
MAX. DEAD END CORRIDOR ALLOWED:	50' (SECTION 1017.3)
CORRIDOR RATING:	0 HR. (TABLE 1017.1)

FIRE RESISTANCE RATINGS (TABLE 601):

STRUCTURAL FRAMING:	0 HR
BEARING WALLS:	
INTERIOR:	0 HR
EXTERIOR:	0 HR
NONBEARING WALLS INTERIOR:	0 HR
NONBEARING WALLS EXTERIOR:	0 HR
FLOOR CONSTRUCTION:	0 HR
ROOF CONSTRUCTION:	0 HR

INTERIOR FINISH REQUIREMENTS:

	FLAMESPREAD	SMOKE DEVELOPED:
EXIT ACCESS:	CLASS B 26-75	0-450
OTHER SPACES:	CLASS C 76-200	0-450
FLOOR CARPET:	CLASS II (804.5.1)	

GLASS AND GLAZING:
1. ALL GLASS AND GLAZING SHALL CONFORM TO REQUIREMENTS OF CHAPTER 24.
2. SAFETY GLAZING SHALL CONFORM TO SECTION 2406.

WILLIAMS & DEAN ASSOCIATED ARCHITECTS

ARCHITECT
WILLIAMS & DEAN ASSOCIATED ARCHITECTS
18 CORPORATE HILL DRIVE, SUITE 210
LITTLE ROCK, ARKANSAS 72205
501.224.1900

Dave Grundfest COMPANY

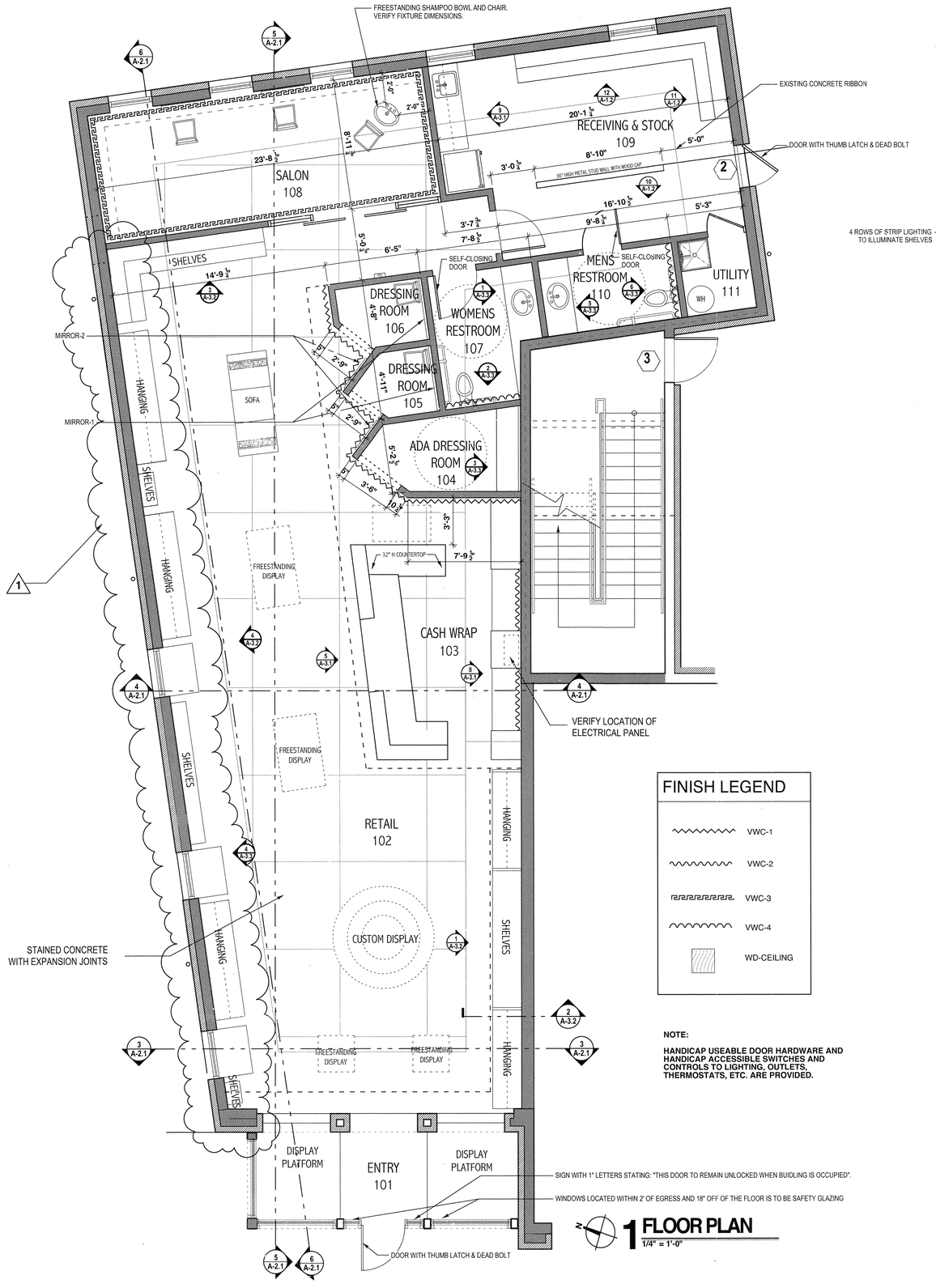
GENERAL CONTRACTOR
DAVE GRUNDFEST COMPANY
1221 WESTPARK DR.
LITTLE ROCK, AR 72204
(501) 568-2324

JAMES R. WILLIAMS REGISTERED ARCHITECT No. 1169 ARKANSAS 9/18/12

CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE 2007 ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

James Williams, AIA
Williams & Dean Associated Architects
September 18, 2012



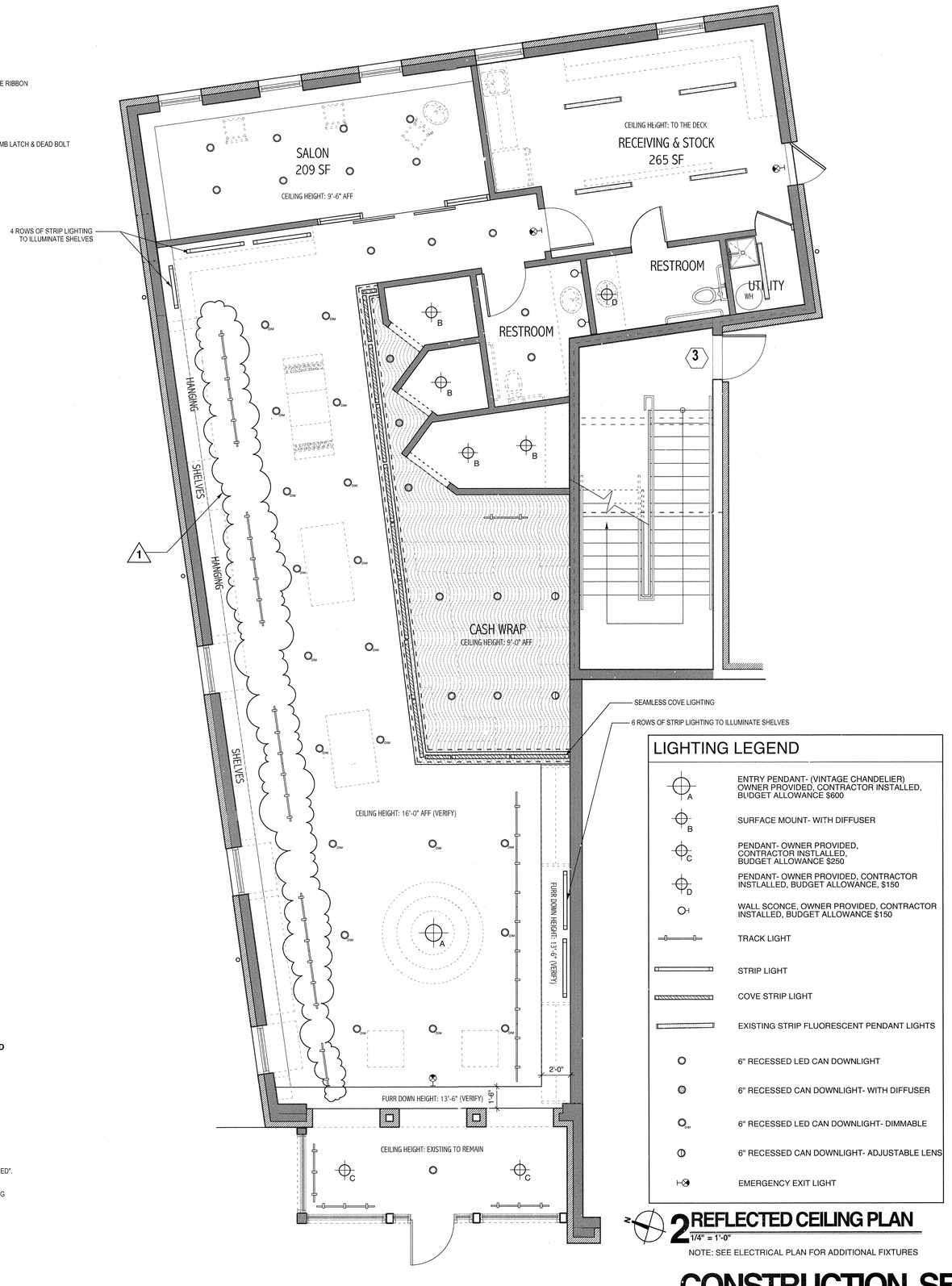
1 FLOOR PLAN
1/4" = 1'-0"

FINISH LEGEND

- VWC-1
- VWC-2
- VWC-3
- VWC-4
- WD-CEILING

NOTE:

HANDICAP USEABLE DOOR HARDWARE AND HANDICAP ACCESSIBLE SWITCHES AND CONTROLS TO LIGHTING, OUTLETS, THERMOSTATS, ETC. ARE PROVIDED.



2 REFLECTED CEILING PLAN
1/4" = 1'-0"

NOTE: SEE ELECTRICAL PLAN FOR ADDITIONAL FIXTURES

LIGHTING LEGEND

- A — ENTRY PENDANT- (VINTAGE CHANDELIER) OWNER PROVIDED, CONTRACTOR INSTALLED, BUDGET ALLOWANCE $600
- B — SURFACE MOUNT- WITH DIFFUSER
- C — PENDANT- OWNER PROVIDED, CONTRACTOR INSTLALLED, BUDGET ALLOWANCE $250
- D — PENDANT- OWNER PROVIDED, CONTRACTOR INSTLALLED, BUDGET ALLOWANCE, $150
- WALL SCONCE, OWNER PROVIDED, CONTRACTOR INSTALLED, BUDGET ALLOWANCE $150
- TRACK LIGHT
- STRIP LIGHT
- COVE STRIP LIGHT
- EXISTING STRIP FLUORESCENT PENDANT LIGHTS
- 6" RECESSED LED CAN DOWNLIGHT
- 6" RECESSED CAN DOWNLIGHT- WITH DIFFUSER
- 6" RECESSED LED CAN DOWNLIGHT- DIMMABLE
- 6" RECESSED CAN DOWNLIGHT- ADJUSTABLE LENS
- EMERGENCY EXIT LIGHT

WILLIAMS & DEAN ASSOCIATED ARCHITECTS
EIGHTEEN CORPORATE HILL DRIVE
LITTLE ROCK, AR 72205
P 501·224·1900
F 501·224·0873

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

:SHEET TITLE
FLOOR PLAN AND REFLECTED CEILING PLAN

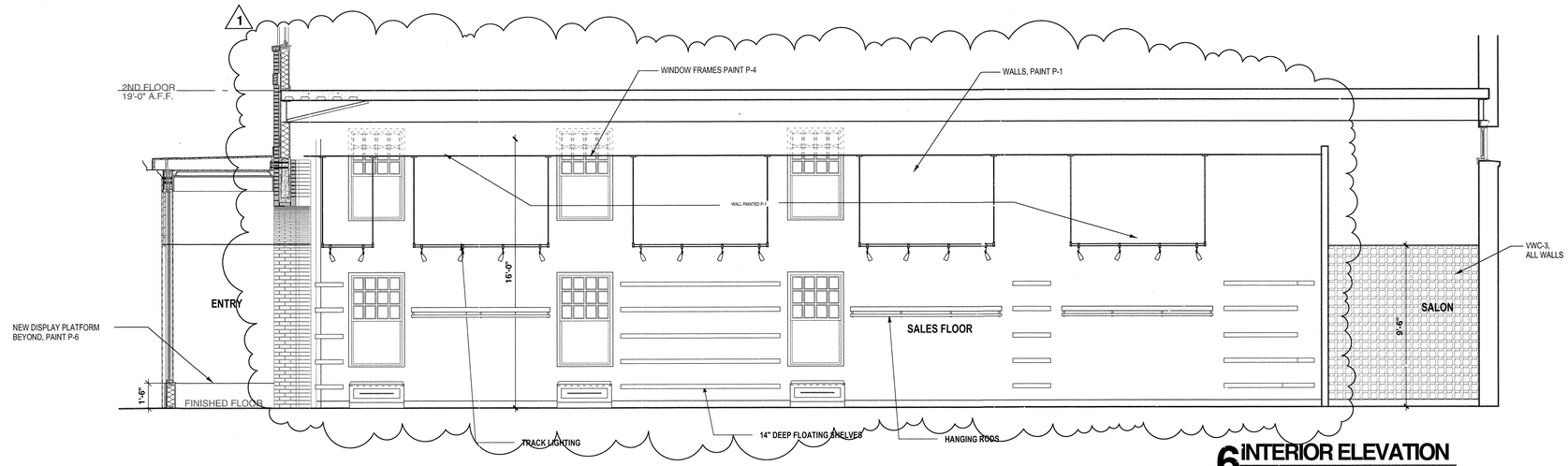
REVISION:	:DATE
1	21 SEPT 2012

18 SEPT 2012 :ISSUE DATE

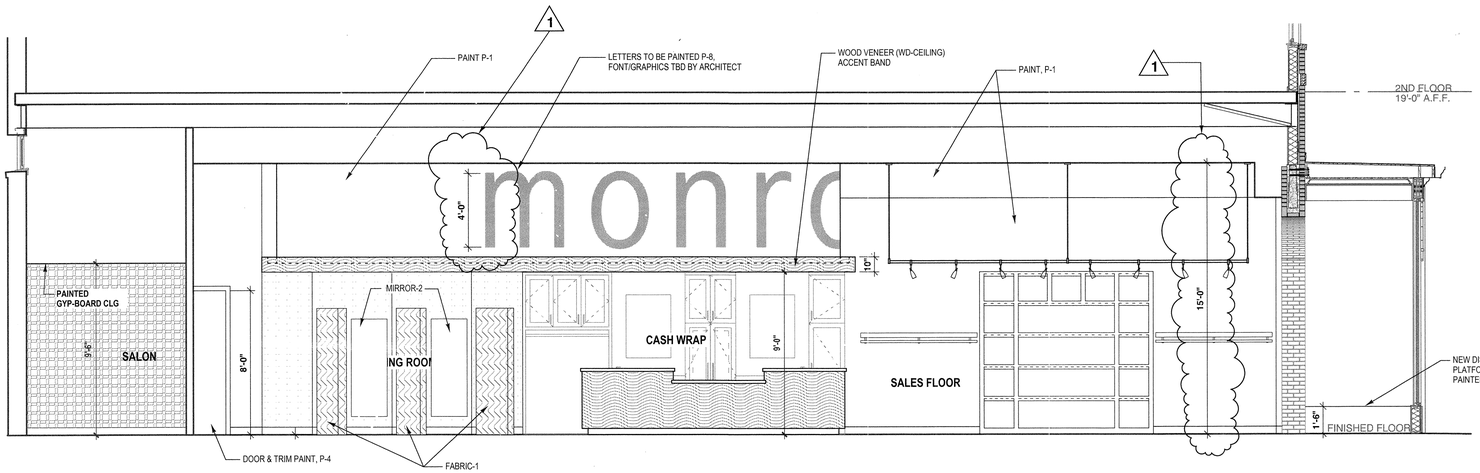
12-096 :PROJECT NUMBER

:SHEET NUMBER

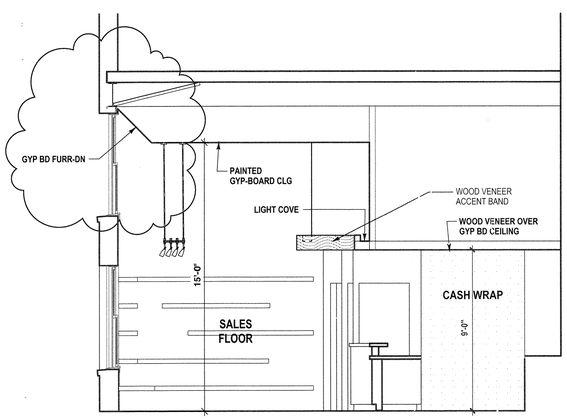
CONSTRUCTION SET A-1.1



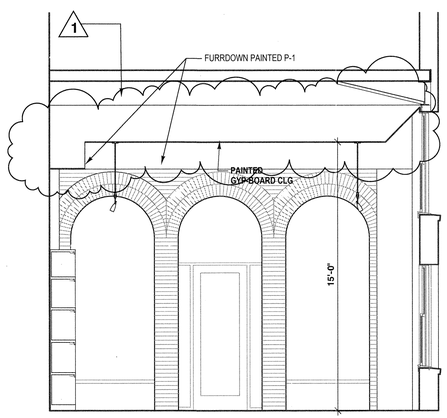
6 INTERIOR ELEVATION
1/4" = 1'-0"



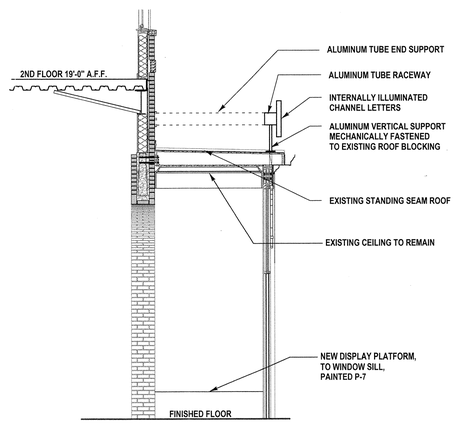
5 INTERIOR ELEVATION
1/4" = 1'-0"



4 INTERIOR ELEVATION
1/4" = 1'-0"



3 INTERIOR ELEVATION
1/4" = 1'-0"



2 SECTION AT SIGNAGE
1/4" = 1'-0"

1 FRONT ELEVATION
1/4" = 1'-0"

WILLIAMS & DEAN ASSOCIATED ARCHITECTS
EIGHTEEN CORPORATE HILL DRIVE
LITTLE ROCK, AR 72205
P 501·224·1900
F 501·224·0873

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

:SHEET TITLE
INTERIOR & EXTERIOR ELEVATIONS

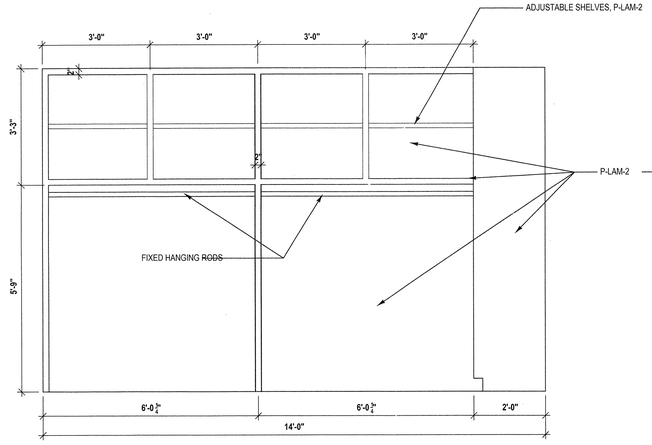
REVISION:	:DATE
1	21 SEPT 2012

18 SEPT 2012 :ISSUE DATE

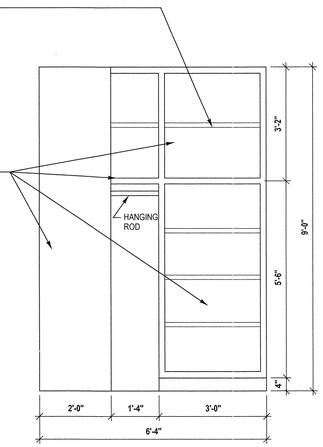
12-096 :PROJECT NUMBER

:SHEET NUMBER

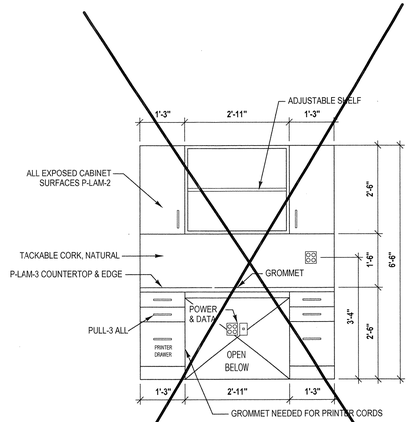
A-2.1



12 STOCK SHELVING ELEVATION
1/2" = 1'-0"

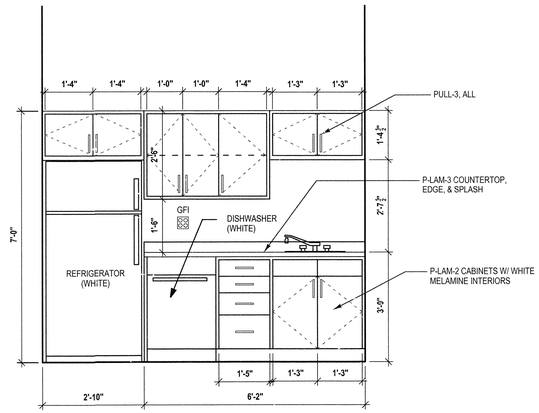


11 STOCK SHELVING ELEVATION
1/2" = 1'-0"

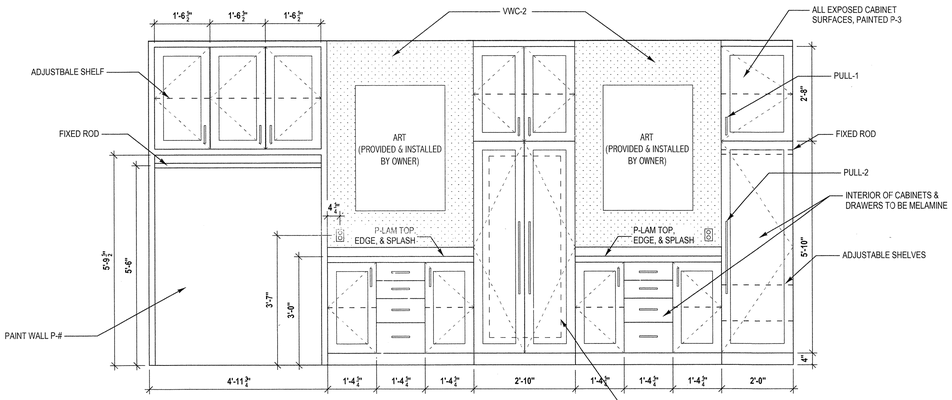


10 DESK ELEVATION
1/2" = 1'-0"

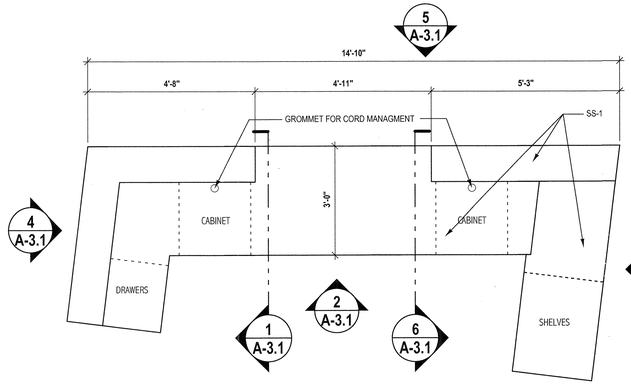
OMITTED



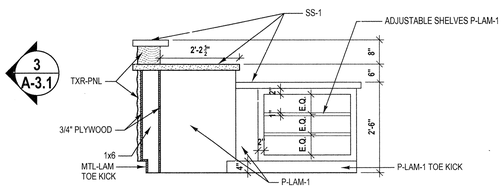
9 KITCHENETTE ELEVATION
1/2" = 1'-0"



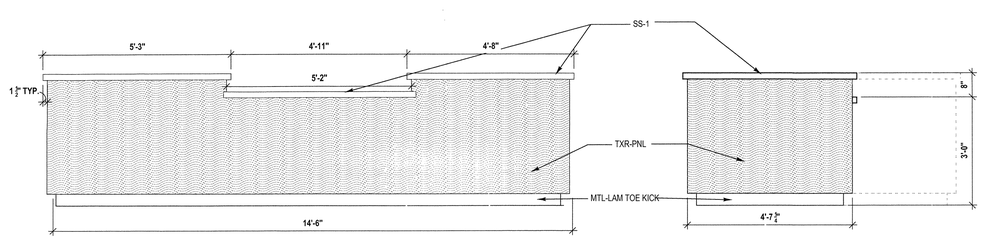
8 CASH WRAP STORAGE WALL ELEVATION
1/2" = 1'-0"



7 CASH WRAP PLAN
1/2" = 1'-0"

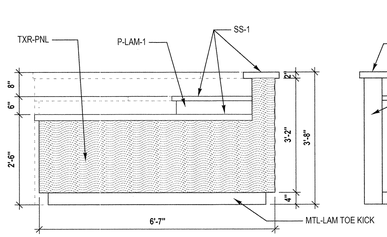


6 CASH WRAP PLAN
1/2" = 1'-0"

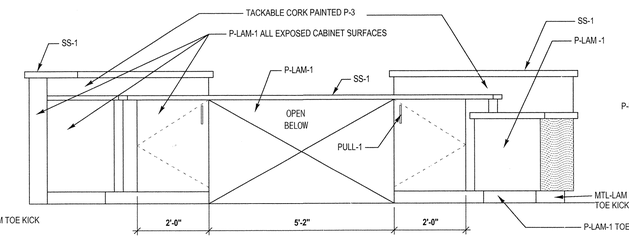


5 CASH WRAP ELEVATION
1/2" = 1'-0"

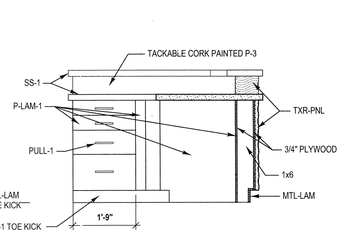
4 CASH WRAP ELEVATION
1/2" = 1'-0"



3 CASH WRAP ELEVATION
1/2" = 1'-0"



2 CASH WRAP ELEVATION
1/2" = 1'-0"



1 CASH WRAP SECTION
1/2" = 1'-0"

WILLIAMS & DEAN ASSOCIATED ARCHITECTS
EIGHTEEN CORPORATE HILL DRIVE
LITTLE ROCK, AR 72205
P 501 · 224 · 1900
F 501 · 224 · 0873

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

:SHEET TITLE
MILLWORK

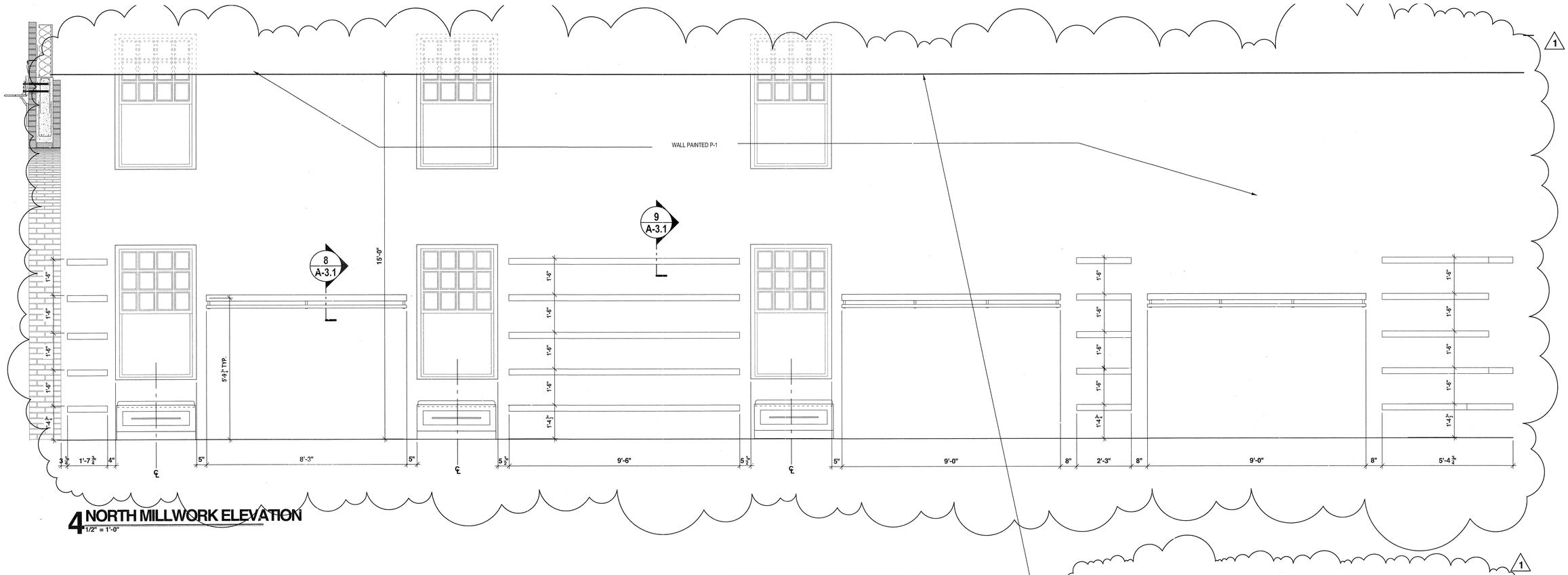
REVISION: :DATE
1 18 SEPT 2012

21 SEPT 2012 :ISSUE DATE

12-096 :PROJECT NUMBER

:SHEET NUMBER
A-3.1

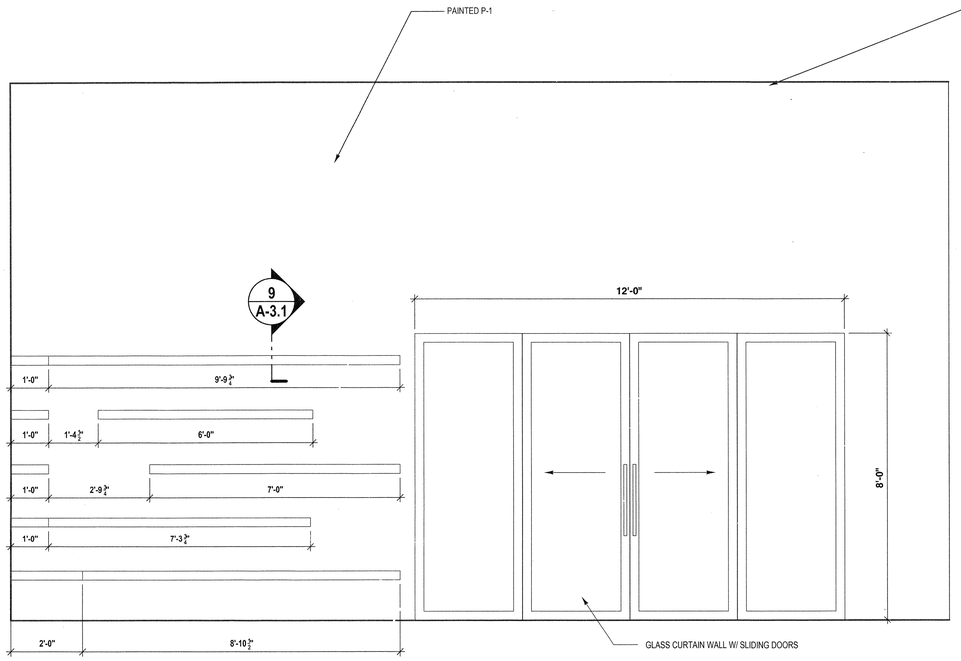
CONSTRUCTION SET



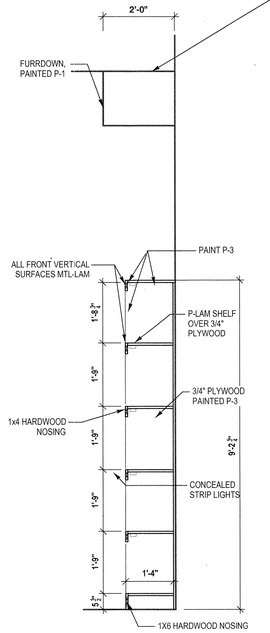
4 NORTH MILLWORK ELEVATION
1/2" = 1'-0"

1

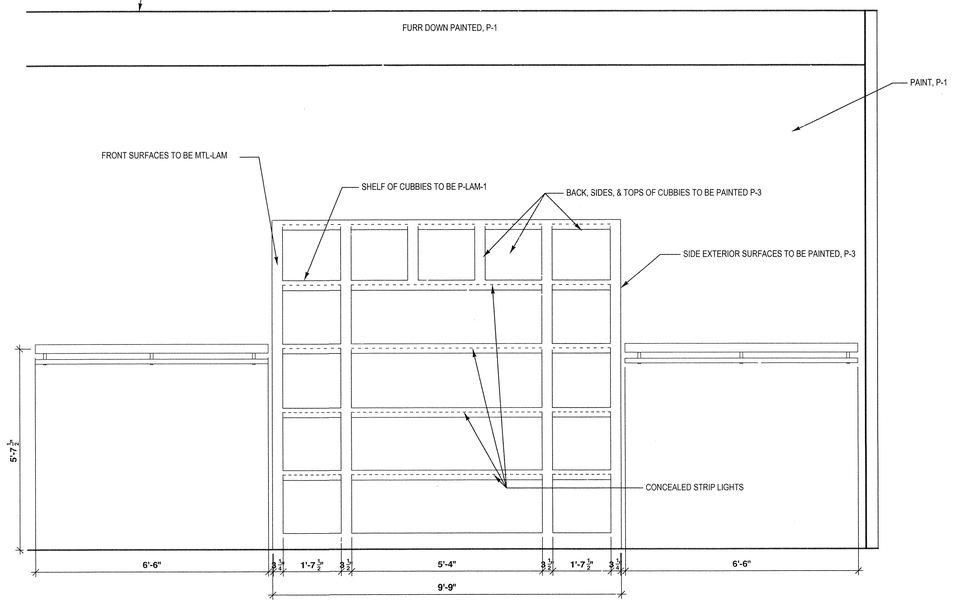
CEILING HEIGHT IN RETAIL SPACE CHANGED TO 15'-0" AFF



3 DISPLAY SHELVING ELEVATION
1/2" = 1'-0"



2 SHELVING SECTION
1/2" = 1'-0"



1 DISPLAY SHELVING ELEVATION
1/2" = 1'-0"

WILLIAMS & DEAN ASSOCIATED ARCHITECTS
EIGHTEEN CORPORATE HILL DRIVE
LITTLE ROCK, AR 72205
P 501·224·1900
F 501·224·0873

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

:SHEET TITLE
INTERIOR ELEVATIONS, MILLWORK

REVISION:	:DATE
1	21 SEPT 2012

18 SEPT 2012 :ISSUE DATE

12-096 :PROJECT NUMBER

:SHEET NUMBER

CONSTRUCTION SET **A-3.2**

INTERIOR FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR: STAIN-CNCRT	FLOOR: P-6 PLATFORM	BASE: RB	BASE: MTL-LAM-BASE	WALLS: P-1 TYPICAL	WALLS: P-2 ACCENT	WALLS: P-4 TRIM	WALLS: P-7 WALL	WALLS: P-8 ACCENT	WALLS: VWC-1	WALLS: VWC-2	WALLS: VWC-3	WALLS: VWC-4	WALLS: FABRIC-1	WALLS: FRP	CEILING: P-5 CEILING	CEILING: WD-CEILING	MILLWORK: P-3 ACCENT	MILLWORK: P-LAM-1	MILLWORK: P-LAM-2	MILLWORK: P-LAM-3	MILLWORK: P-LAM-4	MILLWORK: SS-1	MILLWORK: SS-2	MILLWORK: SS-3	MILLWORK: PULL-1	MILLWORK: PULL-2	MILLWORK: PULL-3	MILLWORK: PULL-4	MILLWORK: DR-LEVER	MILLWORK: FABRIC-2	REMARKS
101	ENTRY	●	●		●	●																											EXISTING CEILING TO REMAIN IN ENTRY
102	SALES FLOOR	●			●	●	●		●								●		●	●		●						●			●		
103	CASH WRAP	●			●	●					●	●						●	●	●				●			●	●					
104	ADA DRESSING ROOM	●			●		●								●		●																
105	DRESSING ROOM	●			●		●								●		●																
106	DRESSING ROOM	●			●		●								●		●																
107	WOMEN'S RESTROOM	●			●				●	●				●			●				●				●				●	●			
108	SALON	●			●							●					●																
109	STOCK & RECEIVING	●		●		●		●													●	●								●	●		
110	MEN'S RESTROOM	●		●		●		●					●								●	●					●			●	●		
111	UTILITY	●		●		●		●								●														●	●		

MATERIAL SELECTIONS

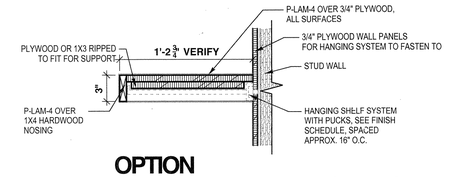
ITEM	MATERIAL	MANUFACTURER	PATTERN/COLOR	REMARKS	REP. CONTACT
STAIN-CNCRT	STAINED AND POLISHED CONCRETE	QC OR EQUAL	PATINA STAIN, BLACKFOOT	WITH JOINTS AS INDICATED ON THE PLAN	
MTL-LAM-BASE	METAL LAMINATE BASE		METAL LAMINATE TO BE MTL-LAM	MTL-LAM OVER 1x6, (EXPOSED SURFACES TO BE MTL-LAM)	
RB	RUBBER BASE	ROPPE	TBD BY ARCHITECT		
P-1 TYPICAL	TYPICAL WALL PAINT - LATEX - EGGSHELL	BENJAMIN MOORE	WINTER WHITE, OC-21		
P-2 ACCENT	WALL PAINT - LATEX - EGGSHELL	BENJAMIN MOORE	WILLOW CREEK 1468		
P-3 MILLWORK	MILLWORK PAINT - OIL - SEMIGLOSS	BENJAMIN MOORE	EDGECOMB GRAY, HC-173		
P-4 TRIM	TRIM PAINT - OIL - SEMI-GLOSS	BENJAMIN MOORE	BLACK HORIZON, 2132-30	INTERIOR WINDOW TRIM, DOOR CASINGS, & DOORS	
P-5 CEILING	CEILING PAINT - LATEX - FLAT	BENJAMIN MOORE	WINTER WHITE, OC-21		
P-6 PLATFORM	PLATFORM PAINT - LATEX - SEMI-GLOSS	BENJAMIN MOORE	TO MATCH FINISHED STAINED/POLISHED CONCRETE	T.B.D. BY ARCHITECT	
P-7 WALL	TYPICAL WALL PAINT - LATEX - PEARL FINISH	BENJAMIN MOORE	WINTER WHITE, OC-21		
P-8 ACCENT	TYPICAL WALL PAINT - LATEX - PEARL FINISH	BENJAMIN MOORE	EDGECOMB GRAY, HC-173		
VWC-1	VINYL WALLCOVERING	NATIONAL WALLCOVERING	VYCON, RIVULET Y46561RU		KANDID SCOTT, 501.319.3310
VWC-2	VINYL WALLCOVERING	EYKON	LUMINOUS 2VLU-02		KATHY MCFALL, 901.550.2026
VWC-3	VINYL WALLCOVERING	NATIONAL WALLCOVERING	VYCON, JARDIN Y46360JA		KANDID SCOTT, 501.319.3310
VWC-4	VINYL WALLCOVERING	NATIONAL WALLCOVERING	COMMAND, KARMA CM77-8804 CHARCOAL		KANDID SCOTT, 501.319.3310
WD-CEILING	WOOD VENEER CEILING	SANFOOT	QC, ZEBRAWOOD, CUSTOM STAIN, #090712	CONTACT ARCHITECT FOR APPROVAL BEFORE ORDERING	KANDID SCOTT, 501.319.3310
P-LAM-1	PLASTIC LAMINATE DISPLAY SHELF, SHELF SURFACE	FORMICA	NEUTRAL WEFT, 5875-58		KATE DUNNAVANT, 501.258.5347
P-LAM-2	PLASTIC LAMINATE CABINET FRONT	WILSONART	STEEL MESH 4879-38		AMBER BURLEY 501.256.9022
P-LAM-3	PLASTIC LAMINATE WORK SURFACE, SPLASH & EDGE	WILSONART	CRISP LINEN 4942-38		AMBER BURLEY 501.256.9022
P-LAM-4	PLASTIC LAMINATE CABINET FRONT	WILSONART	ASTRO STRANDZ 4940K-18		AMBER BURLEY 501.256.9022
MTL-LAM	METAL LAMINATE	WILSONART	ALUMASTEEL ALUMINUM		AMBER BURLEY 501.256.9022
TXR-PNL	3D TEXTURE PANEL	SOELBERG	NUOTARE, WHITE HG OR PORTUNA LIGHT	FINAL COLOR TBD BY ARCHITECT	TOM JOHNSON, 501.950.7994
SS-1	SOLID SURFACE TOP, EDGE & SPLASH	CAESARSTONE	4120 RAVEN	POLISHED FINISH, 2" THICK EDGE, EASED EDGE	VALLERY WREN, 901 652 4911
SS-2	SOLID SURFACE TOP, EDGE & SPLASH	HANSTONE	ULTRA VIOLET, CW104	POLISHED FINISH, 2" THICK EDGE, EASED EDGE	KELLEY ADAMS, 350-8406
SS-3	SOLID SURFACE TOP, EDGE & SPLASH	CORIAN	GLACIER WHITE	POLISHED FINISH, EASED EDGE	MITCH WEIR, 901.361.0038
FABRIC-1	DRAPERY PANELS	ROBERT ALLEN CONTRACT	GLAZED LINEN CHARCOAL	ALLOW LABOR BUDGET OF $350 FOR ALL PANELS. APPROVE BEFORE ORDERING.	
FABRIC-2	UPHOLSTERY FABRIC FOR BENCH	TBD BY ARCHITECT	TBD BY ARCHITECT	ALLOW BUDGET OF $50/YD FOR MATERIALS	
HANG-RD	HANGING RODS	B&N INDUSTRIES	PUCK SYSTEM, FINAL SELECTIONS TBD BY ARCHITECT	ALLOW BUDGET OF $3,500 FOR MATERIALS. DOES NOT INCLUDE ANY SHELVING	KERITH HELLAND, (800) 350-4127
SHELF BRACKET	BRACKET FOR FLOATING SHELVES	B&N INDUSTRIES	PUCK SYSTEM, FINAL SELECTIONS TBD BY ARCHITECT	ALLOW BUDGET OF $2,500 FOR MATERIALS. DOES NOT INCLUDE ANY SHELVING	KERITH HELLAND, (800) 350-4127
MIRROR-1	DRESSING ROOM MIRROR		PLATE GLASS MIRROR, WALL TO WALL, BASE TO CEILING	SEE PLAN FOR LOCATIONS	
MIRROR-2	FRAMED MIRROR	TBD BY ARCHITECT	TBD BY ARCHITECT	ALLOW BUDGET OF $480, SEE PLAN FOR LOCATIONS	
MIRROR-3	FRAMED MIRROR- RESTROOM	TBD BY ARCHITECT	TBD BY ARCHITECT	ALLOW BUDGET OF $275	
MIRROR-4	FRAMED MIRROR- RESTROOM	TBD BY ARCHITECT	TBD BY ARCHITECT	ALLOW BUDGET OF $150	
FAUCET-1	SINK FAUCET	DELTA	VERO, TWO HANDLE, WIDE SPREAD, MODEL #3553LF-SS	CONTACT ARCHITECT FOR APPROVAL BEFORE ORDERING	WHITNEY LAMMERS, 501.690.3663
FAUCET-2	SINK FAUCET	GLACIER BAY	TC3MBA, 4 IN CENTERSET, HIGH-ARC, BRUSHED NICKEL, MODEL #F51A1061BNV	CONTACT ARCHITECT FOR APPROVAL BEFORE ORDERING	HOME DEPOT
ROD	BRUSHED NICKEL ROD	UMBRA	UMBRA, CAPPA ROD, 36"-72", BRUSHED NICKEL	INSTALL ON INSIDE OF DRESSING ROOM	WWW.UMBRA.COM
FRP	FIBER GLASS REINFORCED PANEL		WHITE	INSTALL ON WALLS, WIDTH OF SINK	
PULL-1	CABINET BAR PULL	LIBERTY	6-2/7IN STEEL BAR PULL MODEL #1117058.0		HOME DEPOT
PULL-2	CABINET BAR PULL	LIBERTY	25-1/5IN FLAT END BAR PULL, MODEL #75761.0		HOME DEPOT
PULL-3	CABINET BAR PULL	LIBERTY	3-3/4" WIDE PLAZA PULL MODEL #52571.0		HOME DEPOT
PULL-4	CABINET SQUARE PULL	TOPEX HARDWARE	SQUARE PULL WITH HOLE, SATIN NICKEL, MODEL #8-107105434		
PULL-5	FRONT DOOR BAR PULL	ASSA ABLOY ROCKWOOD	NOIR MET, RM3812 91-1/4", US32D		WENDELL POORE, 501-786-7901
PULL-6	SALON DOOR BAR PULLS	ASSA ABLOY ROCKWOOD	NOIR MET, RM5800 (12" CTC), US32D		WENDELL POORE, 501-786-7901
DR-LEVER	DOOR LEVER	ASSA ABLOY EMTEK	STUTTGART LEVER, STAINLESS STEEL W/ BRUSHED STAINLESS STEEL SQUARE ROSETTE, US32D		WENDELL POORE, 501-786-7901
DR-STOP	DOOR STOP	ASSA ABLOY ROCKWOOD	RM850, US32D	USE WHERE DOOR STOPS ARE NEEDED	WENDELL POORE, 501-786-7901
ROD-BRACKET	HANGING ROD BRACKET	UMBRA	MICAHEL IVANKOVIC, 1" CEILING MOUNT BRACKET, NICKEL		WWW.UMBRA.COM
GROMMET	SATIN ALUMINUM GROMMET				

TYPICAL NOTES:
1. CONTRACTOR TO SUBMIT SAMPLES OF ALL SELECTED MATERIALS FOR ARCHITECT'S FINAL APPROVAL PRIOR TO ORDERING.
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS.34. PAINT RETURN AIR VENTS TO MATCH ADJOINING WALL / CEILING COLOR.
3. DOOR HARDWARE, PLUMBING FIXTURES AND LIGHTING FIXTURES TO BE SATIN NICKEL FINISH.
4. PROVIDE PROTECTIVE, TINTED FILM AT WINDOWS.
5. SWITCH PLATES & OUTLET COVERS FINISHES TO BE SELECTED BY ARCHITECT.
6. LAVATORY FINISHES TO BE SELECTED BY ARCHITECT.
7. INSTALL ALL MATERIALS PER MANUFACTURER'S SPECIFICATIONS AND INSTALLATION GUIDELINES.
8. SUBFLOOR TO BE CLEANED OF EXISTING ADHESIVE BEFORE INSTALLING SHEET VINYL.
9. SUBFLOOR - CONFIRM ABSENCE OF MOISTURE, RUN CALCIUM CHLORIDE TEST.
10. VERIFY W/ PAINT MANUFACTURER FOR CORRECT TINT / SHADE OF PRIMER TO ACHIEVE TRUE COLOR VALUE OF SPECIFIED PAINT.

MILLWORK NOTES:
1. ALLP-LAM MILLWORK TO BE FULL OVERLAY PLASTIC-LAMINATE COVERED. COLOR NOTED ON INTERIOR ELEVATIONS AND MILLWORK SECTIONS.
2. MDF BOARD / MELAMINE IS AN ACCEPTABLE MILLWORK SUBSTRATE. MDF FOR FRAME AND BODY OF CABINET, MELAMINE FOR DRAWERS, ETC.
3. DRAWERS AND CABINET BACKINGS TO BE WHITE MELAMINE.
4. ALL HINGES AT DOORS TO BE CONCEALED. HAFELE OR EQUAL..
5. DRAWER AND DOOR PULLS TOAS INDICATED IN THE FINISH SCHEDULE
6. FILE DRAWERS (F) TO HAVE RAILS FOR HANGING FILES.

BUDGET ALLOWANCES

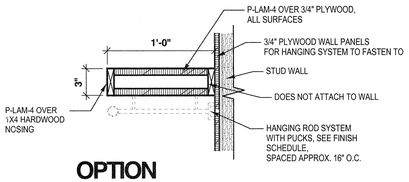
TYPICAL NOTES:
1. ALLOWANCE NUMBERS TO INCLUDE: SALES TAX, OVERAGE AND FREIGHT. ALLOWANCE DOES NOT INCLUDE LABOR OR PROFIT.



9a OPTION REMOVABLE SHELF SECTION FLOATING SHELF- OPTION 2

1-1/2" = 1'-0"

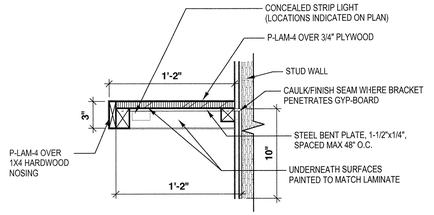
NOTE: HANGING PUCKS MUST BE INSTALLED PRIOR TO HANGING PLYWOOD WALLS & WALL FINISHING



8a OPTION REMOVABLE SHELF SECTION W/ HANGING ROD- OPTION 2

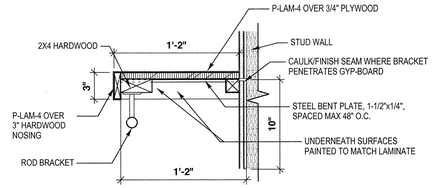
1-1/2" = 1'-0"

NOTE: HANGING PUCKS MUST BE INSTALLED PRIOR TO HANGING PLYWOOD WALLS & WALL FINISHING



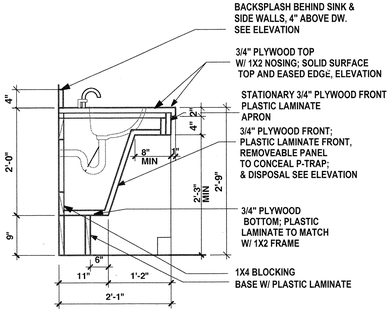
9 FLOATING SHELF SECTION- OPTION 1

1-1/2" = 1'-0"



8 FLOATING SHELF SECTION W/ HANGING ROD- OPTION 1

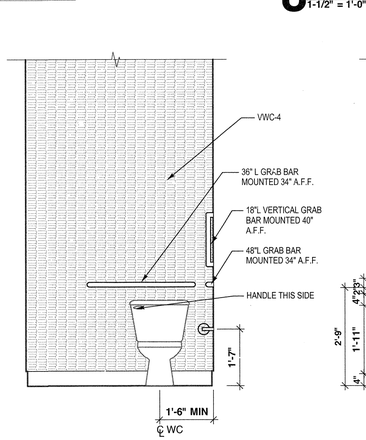
1-1/2" = 1'-0"



7 VANITY SECTION

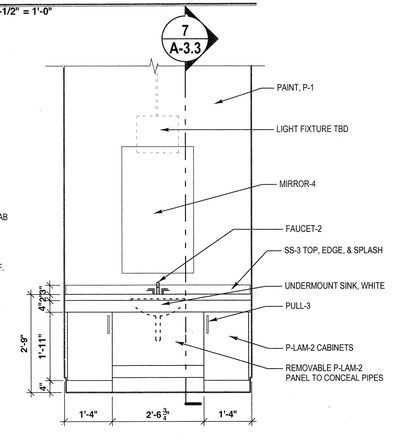
3/4" = 1'-0"

NOTE: VERIFY PLUMBING ROUGH - IN HEIGHTS TO CLEAR KNEE SPACE



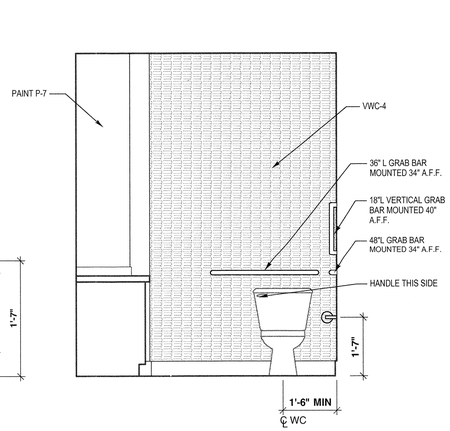
6 RESTROOM ELEVATION

1/2" = 1'-0"



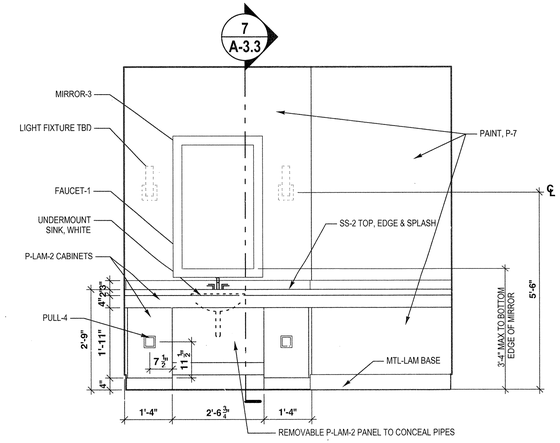
5 RESTROOM ELEVATION

1/2" = 1'-0"



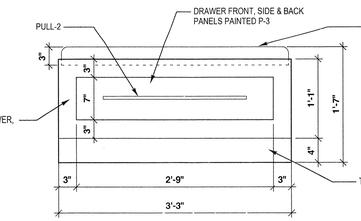
2 RESTROOM WEST ELEVATION

1/2" = 1'-0"



1 RESTROOM SOUTH ELEVATION

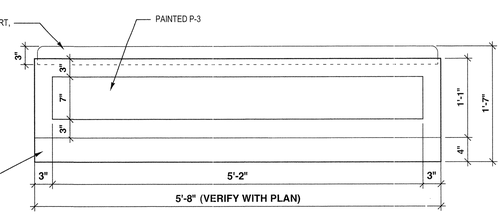
1/2" = 1'-0"



4 BENCH W/ DRAWER

1" = 1'-0"

QUANTITY 3



3 ADA DRESSING ROOM BENCH

1" = 1'-0"

WILLIAMS & DEAN ASSOCIATED ARCHITECTS
EIGHTEEN CORPORATE HILL DRIVE
LITTLE ROCK, AR 72205
P 501·224·1900
F 501·224·0873

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

:SHEET TITLE
MILLWORK, INTERIOR ELEVATIONS, FINISH FLOOR PLAN & FINISH SCHEDULE

REVISION: :DATE
1 21 SEPT 2012

18 SEPT 2012 :ISSUE DATE

12-096 :PROJECT NUMBER

:SHEET NUMBER

CONSTRUCTION SET A-3.3

MECHANICAL ABBREVIATIONS

NOTE:
1. ALL ABBREVIATIONS SHOWN MAY NOT BE APPLICABLE TO THE PROJECT.
2. REFER TO EQUIPMENT SCHEDULES FOR EQUIPMENT DESIGNATIONS.
3. REFER TO SYMBOLS FOR ADDITIONAL ABBREVIATIONS THAT MAY APPLY.

A

ABV	ABOVE
A/C	AIR CONDITIONER, AIR CONDITIONING
ACC	AIR COOLED CHILLER
ACCU	AIR COOLED CONDENSING UNIT
ADJ	ADJUSTABLE
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
AHU	AIR HANDLING UNIT
ALUM	ALUMINUM
AMB	AMBIENT
AMP	AMPERES
ANSI	AMERICAN NAT'L STANDARDS INSTITUTE
APD	AIR PRESSURE DROP (INCHES WC)
ARCH	ARCHITECT, ARCHITECTURAL
ARI	AIR CONDITIONING & REFRIG INSTITUTE
ASHRAE	AMERICAN SOCIETY OF HEATING, REF. & AC ENGINEERS
ASME	AMERICAN SOCIETY OF MECH ENGRS
ASTM	AMERICAN SOCIETY OF TESTING & MATLS
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
AWS	AMERICAN WELDING SOCIETY
AWW	AMERICAN WATER WORKS ASSOC.
ASSY	ASSEMBLY

B

BAS	BUILDING AUTOMATION SYSTEM
BD	BACKDRAFT DAMPER
BFW	BOILER FEED WATER
BKR	BREAKER
BLDG	BUILDING
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STRUCTURE
BTU	BRITISH THERMAL UNIT

C

CAP	CAPACITY
CATV	CABLE TELEVISION SYSTEM
CCTV	CLOSED CIRCUIT TELEVISION
CC	CONCRETE
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CFS	CUBIC FEET PER SECOND
CHR	CHILLED WATER RETURN
CHW	CHILLED WATER SUPPLY
CIRC	CIRCULATING
CKT	CIRCUIT
℄	CENTERLINE
CLG	CEILING
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONN COTG	CONNECT, CONNECTION
COL	CLEANOUT TO GRADE
CPVC	COLUMN
CRD	CHLORINATED POLYVINYL CHLORIDE
CU	CEILING RADIATION DAMPER
°C	COPPER
CV	DEGREES CELSIUS
CWR	CONSTANT VOLUME
CWS	CONDENSER WATER RETURN
CW	CONDENSER WATER SUPPLY
	COLD WATER

D

D	DEEP, DEPTH
DB	DRY BULB
DBL	DOUBLE
dB	DECIBEL
DEF	DEFLECTION
DEG	DEGREES
DESIG	DESIGNATED, DESIGNATION
DDC	DIRECT DIGITAL CONTROL
DIA, ø	DIAMETER
DIM	DIMENSION
DISC	DISCONNECT
DN	DOWN
DPDT	DOUBLE-POLE, DOUBLE-THROW
DPST	DOUBLE-POLE, SINGLE-THROW
DS	DOWNSPOUT, DISCONNECT SWITCH
DWG	DRAWING
DX	DIRECT EXPANSION

E

EA	EXHAUST AIR, EACH
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
ECC	ECCENTRIC
EDB	ENTERING DRY BULB
ELEV	ELEVATION
ELEC	ELECTRICAL
ENCL	ENCLOSURE
EQP, EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE
EWB	ENTERING WET BULB
EWC	ELECTRICAL WATER COOLER
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXIST	EXISTING
EXT	EXTRUDED

F

FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FCO	FLOOR CLEANOUT
FL	FLOW LINE
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FLR	FLOOR
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FT	FOOT, FEET
°F	DEGREES FAHRENHEIT

G

GRND	GROUND
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GFI, GFIC	GROUND FAULT INTERRUPTER
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GW	GREASE WASTE

H

HD	HEAD, HUB DRAIN, HEAVY DUTY
HGBP	HOT GAS BYPASS
HGRH	HOT GAS REHEAT
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HORIZ	HORIZONTAL
HP	HORSEPOWER
HSPF	HEATING SEASON PERFORMANCE FACTOR
HSTAT	HUMIDISTAT
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HVAC	HEATING, VENTILATING & A/C
HW	HOT WATER
HYD	HYDRANT
HZ	HERTZ

I

ID	INSIDE DIAMETER
IDB	INDOOR DRY BULB
IE	INVERT ELEVATION
IN	INCH, INCHES
IN WC	INCHES OF WATER COLUMN

J

J-BOX	JUNCTION BOX

K

KVA	KILOVOLT-AMPS
KW	KILOWATTS
KWH	KILOWATT-HOUR

L

	LENGTH
LAT	LEAVING AIR TEMPERATURE
LBS, #	POUNDS
LDB	LEAVING DRY BULB
LF	LINEAR FEET
LP	LOW PRESSURE, LIQUID PETROLEUM
LRA	LOCKED ROTOR AMPS
LTG	LIGHTING
LWB	LEAVING WET BULB
LWT	LEAVING WATER TEMPERATURE

M

MAX	MAXIMUM
MBTU, MBH	1000 BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MFR	MANUFACTURER
MOCP	MAXIMUM OVER CURRENT PROTECTION
MH	MANHOLE, METAL HALIDE
MIN	MINIMUM
MTD	MOUNTED

N

N/A	NOT APPLICABLE
NC	NOISE CRITERIA, NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MFR'S ASSOC.
NFPA	NATIONAL FIRE PROTECTION ASSOC.
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE

O

OA	OUTSIDE AIR (VENTILATION AIR)
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
ODB	OUTDOOR DRY BULB
OH	OVERHEAD
OPNG	OPENING
OS&Y	OUTSIDE STEM AND YOKE
OSHA	OCCUPATIONAL SAFETY & HEALTH ADMIN.
OF/CI	OWNER FURNISHED/CONTRACTOR INSTALLED

P

PC	PLUMBING CONTRACTOR
PD	PRESSURE DROP
PF	POWER FACTOR
PH	PHASE
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PNL	PANEL
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAUGE
PRV	PRESSURE RELIEF VALVE
PVC	POLYVINYL CHLORIDE

Q

QTY	QUANTITY

R

RA	RETURN AIR
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RE:	REFERENCE, REFER TO
RECIRC	RECIRCULATE
REINF	REINFORCING, REINFORCED
REQD	REQUIRED
REV	REVISION, REVISE
RH	RELATIVE HUMIDITY, RIGHT-HAND
RHG	REFRIGERANT HOT GAS
RL	REFRIGERANT LIQUID
RLA	RUNNING LOAD AMPS
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION

S

SA	SUPPLY AIR
SD	SMOKE DAMPER, STORM DRAIN, SUPPLY DIFFUSER
SECT	SECTION
SENS	SENSIBLE
SF	SQUARE FEET, SQUARE FOOT
SGL	SINGLE
SHT	SHEET
SM	SHEET METAL
SMACNA	SHEET METAL & A/C CONT NAT'L ASSOC.
SOV	SHUT-OFF VALVE
SP	STATIC PRESSURE
SPEC	SPECIFICATION, SPECIFY
SQ	SQUARE
SS	STAINLESS STEEL, SANITARY SEWER
STD	STANDARD
STL	STEEL
SURF	SURFACE
SUSP	SUSPEND, SUSPENDED

T

TDH	TOTAL DYNAMIC HEAD
TE	TENANT EXHAUST (TOILET)
THRU	THROUGH
TOT	TOTAL
TP	TOTAL PRESSURE
TSP	TOTAL STATIC PRESSURE
TSTAT	THERMOSTAT
TWR	TOWER WATER RETURN
TWS	TOWER WATER SUPPLY
TYP	TYPICAL

U

UC	UNDERCUT
U/F	UNDERFLOOR
U/G	UNDERGROUND
U/S	UNDERSLAB
UL	UNDERWRITERS LABORATORIES, INC.
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTABLE POWER SUPPLY

V

	VOLT, VENT, VERTICAL
VA	VOLT-AMPERE
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VEL	VELOCITY
VERT	VERTICAL
VTR	VENT THROUGH ROOF

W

	WATT, WIDTH
W/	WITH
W/O	WITHOUT
WB	WET BULB
WC	WATER COLUMN
WPD	WATER PRESSURE DROP
WT	WATERTIGHT, WEIGHT
WWF	WELDED WIRE FABRIC

X

XFRMR	TRANSFORMER

OTHER

12x12	RECTANGULAR DUCT SIZE
12/12	OVAL DUCT SIZE
12ø	ROUND DUCT SIZE

PLUMBING LEGEND

(NOT ALL MAY APPLY)

	COLD WATER
	COLD WATER – EXISTING
	HOT WATER
	HOT WATER RECIRC.
	SANITARY SEWER
	SANITARY SEWER – EXISTING
GW	GREASE WASTE
GW	GREASE WASTE – EXISTING
	DRAIN/WASTE VENT
	DRAIN/WASTE VENT – EXISTING
2-WAY COTG	2-WAY CLEANOUT TO GRADE
	UNION
OR OR	VERTICAL ELBOW, SGL DN, DBL RUNNING, & SGL UP
OR	VERTICAL TEE, DN AND UP
	VERTICAL TEE, DOUBLE
OR OR	HORIZONTAL CROSS, VERTICAL LEG UP AND DN
	BALL VALVE
	GATE VALVE
	CHECK VALVE
	ASME T&P VALVE
	BOILER DRAIN OR HOSE COCK
	PLUG VALVE
	VERTICAL VALVE

HVAC LEGEND

(NOT ALL MAY APPLY)

T	THERMOSTAT OR TEMPERATURE SENSOR
H	HUMIDISTAT OR HUMIDITY SENSOR
M	DAMPER MOTOR
CO	CARBON MONOXIDE SENSOR
D	DUCT SMOKE DETECTOR
	RECT. MANUAL BALANCING DAMPER
	BAROMETRIC DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE/SMOKE DAMPER
# MARK THROW CFM	SUPPLY AIR DIFFUSER – # INDICATES NUMBER OF SAME AIR DEVICES
# MARK CFM	RETURN OR TRANSFER AIR GRILLE – # INDICATES NUMBER OF SAME AIR DEVICES
# MARK CFM	EXHAUST AIR GRILLE – # INDICATES NUMBER OF SAME AIR DEVICES
	TURNING VANES
	INTERNALLY LINED DUCT
OR	SQUARE-ROUND TRANSITION
	DOUBLE WALL SPIRAL DUCT
	NEW EQUIPMENT
	EXISTING EQUIPMENT
	45 DEG BRANCH TAKE-OFF WITH 2" RAISED QUADRANT DAMPER
	45 DEG BRANCH TAKE-OFF WITHOUT DAMPER
	MANUAL DAMPER WITH 2" RAISED QUADRANT LEVER
UC	UNDERCUT DOOR MIN. 3/4" FOR TRANSFER AIR
EL. 100'	ELEVATION
	POINT OF CONNECTION TO EXISTING
	FLEXIBLE DUCT CONNECTION
	FLEXIBLE BRANCH DUCT (3' MAX.)
R	REFRIGERANT LINE SET (SUCTION LINE & LIQUID LINE)
C	CONDENSATE LINE

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12375
JAMIE L. GUIDRY
11-12

CERTIFICATE OF AUTHORIZATION
GUIDRY ENGINEERING PLLC
No. 2239
ARKANSAS ENGINEER

NES
NATIONAL ENGINEERING SERVICES, PLLC
CONWAY OFFICE
813 OAK STREET, SUITE 10A #337
CONWAY, AR 72032
LITTLE ROCK OFFICE
3801 WOODLAND HEIGHTS ROAD, SUITE 125-D
LITTLE ROCK, AR 72212
PH: 501.235.3270
FAX: 501.235.3272
WWW.NES-ENG.COM

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

PLUMBING NOTES, SCHEDULE, AND DETAILS

REVISIONS

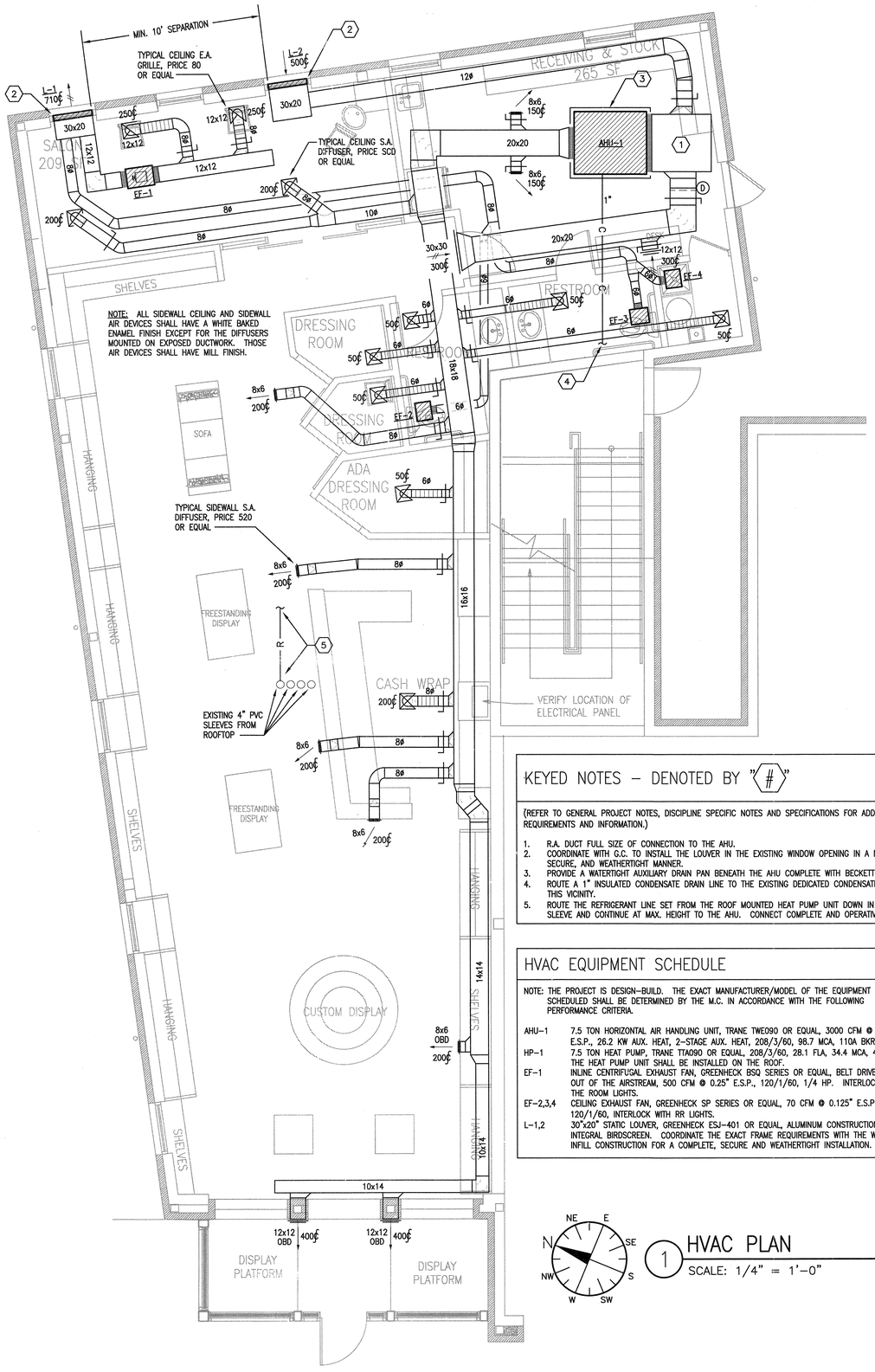
DATE	REV #	DESCRIPTION

NES PROJ. # 12044

DATE SEPT. 11, 2012

SHEET 01 of 04

MP1.01



KEYED NOTES – DENOTED BY "⟨#⟩"

(REFER TO GENERAL PROJECT NOTES, DISCIPLINE SPECIFIC NOTES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.)

1. R.A. DUCT FULL SIZE OF CONNECTION TO THE AHU.
2. COORDINATE WITH G.C. TO INSTALL THE LOUVER IN THE EXISTING WINDOW OPENING IN A NEAT, CLEAN, SECURE, AND WEATHERTIGHT MANNER.
3. PROVIDE A WATERTIGHT AUXILIARY DRAIN PAN BENEATH THE AHU COMPLETE WITH BECKETT FLOAT SWITCH.
4. ROUTE A 1" INSULATED CONDENSATE DRAIN LINE TO THE EXISTING DEDICATED CONDENSATE DRAIN LINE IN THIS VICINITY.
5. ROUTE THE REFRIGERANT LINE SET FROM THE ROOF MOUNTED HEAT PUMP UNIT DOWN IN THE EXISTING 4" SLEEVE AND CONTINUE AT MAX. HEIGHT TO THE AHU. CONNECT COMPLETE AND OPERATIVE.

HVAC EQUIPMENT SCHEDULE

NOTE: THE PROJECT IS DESIGN–BUILD. THE EXACT MANUFACTURER/MODEL OF THE EQUIPMENT SCHEDULED SHALL BE DETERMINED BY THE M.C. IN ACCORDANCE WITH THE FOLLOWING PERFORMANCE CRITERIA.

AHU–1	7.5 TON HORIZONTAL AIR HANDLING UNIT, TRANE TWE090 OR EQUAL, 3000 CFM @ 0.5" E.S.P., 26.2 KW AUX. HEAT, 2–STAGE AUX. HEAT, 208/3/60, 98.7 MCA, 110A BKR.
HP–1	7.5 TON HEAT PUMP, TRANE TTA090 OR EQUAL, 208/3/60, 28.1 FLA, 34.4 MCA, 45A BKR. THE HEAT PUMP UNIT SHALL BE INSTALLED ON THE ROOF.
EF–1	INLINE CENTRIFUGAL EXHAUST FAN, GREENHECK BSQ SERIES OR EQUAL, BELT DRIVE, MOTOR OUT OF THE AIRSTREAM, 500 CFM @ 0.25" E.S.P., 120/1/60, 1/4 HP. INTERLOCK WITH THE ROOM LIGHTS.
EF–2,3,4	CEILING EXHAUST FAN, GREENHECK SP SERIES OR EQUAL, 70 CFM @ 0.125" E.S.P., 120/1/60, INTERLOCK WITH RR LIGHTS.
L–1,2	30"x20" STATIC LOUVER, GREENHECK ESJ–401 OR EQUAL, ALUMINUM CONSTRUCTION WITH INTEGRAL BIRDSCREEN. COORDINATE THE EXACT FRAME REQUIREMENTS WITH THE WINDOW INFILL CONSTRUCTION FOR A COMPLETE, SECURE AND WEATHERTIGHT INSTALLATION.

1 HVAC PLAN

SCALE: 1/4" = 1'–0"

HVAC GENERAL NOTES

A. GENERAL REQUIREMENTS:
1. UNLESS SPECIFICALLY NOTED OTHERWISE, THE TERM "CONTRACTOR" INDICATED ON ANY GIVEN DIVISION 15 PLAN SHEET SHALL REFER TO THE CONTRACTOR RESPONSIBLE FOR THE WORK OF THE SPECIFIC TRADE NOTED ON THAT PLAN SHEET.
2. ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE ARKANSAS MECHANICAL CODE AND THE REQUIREMENTS OF ALL LOCAL, STATE, AND FEDERAL AUTHORITIES HAVING JURISDICTION, WHETHER OR NOT THE REQUIREMENTS ARE SPECIFICALLY INDICATED IN THE CONTRACT DOCUMENTS.
3. THE CONTRACTOR SHALL VISIT ALL SITES AND FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO BID.
4. THE ENGINEERING DRAWINGS ARE DIAGRAMMATIC IN NATURE. WHILE A CONCERTED FFFORT HAS BEEN MADE TO PROVIDE SYSTEM ARRANGEMENTS AND LAYOUTS IN A NONCONFLICTIVE MANNER, THE FINAL RESPONSIBILITY FOR COORDINATION OF SYSTEM ROUTING, FABRICATION, AND INSTALLATION BETWEEN THE VARIOUS CONSTRUCTION TRADES SHALL BELONG TO THE INSTALLING CONTRACTORS. FABRICATION AND INSTALLATION OF THE VARIOUS ENGINEERING SYSTEMS SHALL NOT BEGIN UNTIL VERIFICATION OF ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL DRAWINGS HAS TAKEN PLACE. NO ADDITIONAL COMPENSATION SHALL BE GRANTED FOR ANY CHANGES REQUIRED DUE TO INSTALLATION CONFLICTS BETWEEN TRADES. ALSO, THE "I WAS HERE FIRST" RULE DOES NOT QUALIFY AS COORDINATION.
5. THE WORK SPECIFIED HEREIN SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, SUPPLIES AND SUPERVISION REQUIRED TO INSTALL AND PLACE IN OPERATION THE MECHANICAL SYSTEMS AND APPURTENANCES SPECIFIED HEREIN AND/OR INDICATED ON THE DRAWINGS OR REASONABLY IMPLIED AS NECESSARY FOR COMPLETION OF THE VARIOUS SYSTEMS. ALL WORK SHALL BE COMPLETED IN A NEAT, CLEAN, AND WORKMANLIKE MANNER IN ACCORDANCE WITH CURRENT INDUSTRY STANDARDS.
6. ALL WORK SPECIFIED HEREIN SHALL BE PERFORMED BY PROPERLY LICENSED, TRAINED, AND EXPERIENCED TRADESMEN. THE CONTRACTOR SHALL PROVIDE A FIELD SUPERVISOR WITH THE AUTHORITY AND EXPERIENCE REQUIRED TO INSTRUCT THE WORK, MAKE JOB DECISIONS, AND ACT ON BEHALF OF THE CONTRACTOR IN MATTERS PERTAINING TO THE CONTRACT DOCUMENTS.
7. THE CONTRACTOR SHALL REMOVE ALL RESPECTIVE CONSTRUCTION WASTE AND DEBRIS FROM THE SITE AND SHALL BE RESPONSIBLE FOR THE LAWFUL DISCARD OF SUCH WASTE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS. THE COMPLETED WORK AND THE ADJACENT AFFECTED AREAS SHALL BE THOROUGHLY CLEANED TO THE SATISFACTION ON THE OWNER, ARCHITECT, AND ENGINEER.
8. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS AS REQUIRED TO CAREFULLY COORDINATE THE REQUIRED MOUNTING HEIGHTS AND LOCATIONS OF ALL DIFFUSERS, REGISTERS, AND GRILLES RELATIVE THE VARIOUS CEILING AND WALL CONDITIONS/TYPES THROUGHOUT THE BUILDING.

B. FIRE/SMOKE DETECTION AND RATED OPENING PROTECTMES:
1. SMOKE DETECTORS SHALL BE INSTALLED IN RETURN AIR SYSTEMS WITH A DESIGN CAPACITY OF 2,000 CFM OR GREATER. DUCT SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND SHALL BE CONNECTED TO A FIRE ALARM SYSTEM. ACTUATION OF THE DUCT SMOKE DETECTOR SHALL SHUT–DOWN THE AIR DISTRIBUTION SYSTEM AND ACTIVATE A VISIBLE AND AUDIBLE SUPERVISORY SIGNAL IN A NORMALLY ATTENDED LOCATION. IN OCCUPANCIES WHERE A FIRE ALARM SYSTEM IS NOT REQUIRED, ACTUATION OF THE DUCT SMOKE DETECTOR SHALL SHUT DOWN THE AIR DISTRIBUTION SYSTEM AND ACTIVATE A STAND–ALONE VISIBLE AND AUDIBLE SIGNAL IN AN APPROVED LOCATION. THE STAND–ALONE SIGNAL DEVICE SHALL BE LABELED "AIR DUCT DETECTOR TROUBLE". IN SYSTEMS THAT ARE INCAPABLE OF SPREADING SMOKE BEYOND THE ENCLOSING WALLS, FLOORS ND CEILINGS OF THE ROOM OR SPACE IN WHICH THE SMOKE IS GENERATED, SMOKE DETECTORS SHALL NOT BE REQUIRED.
2. DUCT SMOKE DETECTORS SHALL BE LOCATED AS FOLLOWS:
(A) AIR HANDLING UNITS – LOCATE THE SMOKE DETECTOR IN THE RETURN AIR DUCT DOWNSTREAM OF THE LAST RETURN AIR BRANCH DUCT CONNECTION AND UPSTREAM OF ANY FRESH AIR DUCT CONNECTION, FILTERS, EXHAUST AIR CONNECTION, OR DECONTAMINATION EQUIPMENT AND APPLIANCES.
(B) PACKAGED HVAC UNITS – LOCATE THE SMOKE DETECTOR EITHER IN THE RETURN AIR DUCT AS DESCRIBED ABOVE OR IN THE RETURN AIR SECTION OF THE UNIT CASING AS DIRECTED BY THE PACKAGED UNIT MANUFACTURER.
3. ALL PENETRATIONS THROUGH FIRE AND/OR SMOKE RATED CONSTRUCTION SHALL BE SEALED UTILIZING U.L. LISTED MATERIALS AND DESIGNS TO MAINTAIN THE RATING. ALL FIRE, SMOKE AND COMBINATION DAMPERS SHALL BE U.L. LISTED, APPROPRIATE FOR LISTED INSTALLATION TYPE, AND INSTALLED IN STRICT ACCORDANCE WITH THE DAMPER MANUFACTURER'S INSTRUCTIONS AND THE DAMPER'S LISTING. DUCT MOUNTED ACCESS DOORS SHALL BE PROVIDED AT ALL FIRE DAMPERS NOT LOCATED AT AIR DEVICES. ACCESS DOORS SHALL BE SIZED AS APPROPRIATE FOR FULL SERVICE ACCESS TO DAMPER FUSIBLE LINKS, MOTORIZED ACTUATORS, ETC.

C. ALL DUCT SIZES ARE METAL–METAL DIMENSIONS, EXPRESSED IN INCHES. DOUBLE–WALL SPIRAL DUCT SIZES (WHEN SHOWN) INDICATE THE INNER WALL DIAMETER.

D. ALL CHANGES IN DUCT DIRECTION 45–DEGREES OR GREATER SHALL BE FULL RADIUS TURNS WITH AN INSIDE RADIUS EQUAL TO THE DUCT WIDTH. IN RECTANGULAR DUCTWORK, WHERE SPACE CONSTRAINTS DO NOT PERMIT RADIUS TURNS, OR WHERE THE CONTRACT DOCUMENTS REFLECT OTHERWISE, MITERED ELBOWS WITH SINGLE THICKNESS TURNING VANES SHALL BE PROVIDED. RECTANGULAR 90'S WITH A RADIUS HEEL AND A MITERED THROAT ARE NOT ACCEPTABLE.

E. PROVIDE MINIMUM 3/4" GAP BENEATH THE DOOR FOR R.A. IN SPACES WITH 125 CFM S.A. OR LESS AND WHERE THERE IS NO DEDICATED R.A. DUCT OR TRANSFER DUCT.

F. ALL CEILING MOUNTED AIR DEVICES INSTALLED IN LAY–IN CEILINGS SHALL BE POSITIONED IN THE FULL GRID SPACE NEAREST TO THE LOCATION SHOWN ON THE PLANS.

G. ALL CONDENSATE DRAINS SERVING COOLING COILS SHALL BE TRAPPED AS RECOMMENDED BY THE COIL MANUFACTURER. INDIVIDUAL CONDENSATE DRAIN TRAPS AND LINES SHALL BE FULL SIZE OF CONNECTION TO COIL, BUT IN NO CASE SMALLER THAN 3/4". CONDENSATE DRAINS SHALL NOT TERMINATE AT THE SANITARY SEWER SYSTEM.

H. ALL MECHANICAL PIPING SYSTEMS SHALL BE PROTECTED AGAINST DISSIMILAR METAL GALVANIC CORROSION BY SEPARATION, INSULATION, OR ENGINEERED CONNECTIONS SUCH AS DIELECTRIC UNIONS.

I. THE CONTRACTOR SHALL COORDINATE THE EXACT REFRIGERANT LINE SET LENGTH(S) WITH THE EQUIPMENT MANUFACTURER. THE EQUIPMENT MANUFACTURER SHALL BE RESPONSIBLE FOR ALL REFRIGERANT LINE SET SIZING AND RECOMMENDING ANY ADDITIONAL PIPING APPURTENANCES REQUIRED FOR LONG LINE SET APPLICATIONS TO RESULT IN A COMPLETE, OPERATIVE, AND WARRANTABLE INSTALLATION.

J. PROVIDE ENGRAVED PLASTIC LAMINATE EQUIPMENT TAGS ON ALL HVAC UNITS. NOMENCLATURE SHALL BE PROPOSED BY HVAC CONTRACTOR AND APPROVED BY OWNER PRIOR TO FABRICATION.

K. HVAC CONTROLS:
1. THERMOSTAT LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE. VERIFY ALL LOCATIONS WITH THE ARCHITECT/OWNER. IF THE FINAL LOCATIONS OF THE THERMOSTATS DIFFER FROM THOSE SHOWN ON THE PLANS, THE NEW LOCATIONS SHALL BE SUBMITTED TO THE MECHANICAL ENGINEER FOR APPROVAL. INSTALL WALL–MOUNTED THERMOSTATS AT 54" A.F.F. IN A HEAVY DUTY METAL LOCK BOX WITH KEYED LOCKING COVER.
2. THERMOSTATS AND TEMPERATURE SENSORS SHALL NOT BE MOUNTED ON EXTERIOR WALLS. WHEN MOUNTING OF THERMOSTATS OR TEMPERATURE SENSORS ON OUTSIDE WALLS IS UNAVOIDABLE, MINIMUM 1" THICK RIGID INSULATION SHALL BE PLACED BETWEEN THE WALL AND THE THERMOSTAT OR SENSOR BASE. THE RIGID INSULATION SHALL BE COVERED NEAT AND CLEAN WITH A PREFINISHED SHEET METAL COVER (COLOR TO BE SELECTED BY OWNER).
3. HVAC CONTROL WIRING SHALL BE MINIMUM 16 GAUGE MULTI–STRAND PLENUM–RATED WIRING. ALL WIRING LOCATED IN, ABOVE OR BEHIND INACCESSIBLE CONSTRUCTION SHALL BE INSTALLED IN 3/4" EMT CONDUIT. ALL WIRING SHALL BE ROUTED CONTINUOUS FROM THE CONTROL DEVICE TO THE CONTROLLER OR INTERFACE PANEL. SPLICE SHALL NOT BE PERMITTED. WIRING CONNECTIONS SHALL EITHER BE CRIMPED OR SOLDERED.
4. THE MECHANICAL CONTRACTOR SHALL PROVIDE TRAINING TO THE OWNER ON ALL HVAC CONTROL SYSTEMS, INCLUDING STAND–ALONE THERMOSTATS.

L. PROJECT DOCUMENTATION:
1. THE CONTRACTOR SHALL MAINTAIN A CLEAN SET OF MECHANICAL AS–BUILT RECORD DRAWINGS SEPARATE FROM THE FIELD CONSTRUCTION SET. ALL CHANGES TO THE ORIGINAL MECHANICAL DESIGN SHALL BE NOTED ON THE AS–BUILT RECORD DRAWINGS IN A NEAT, CLEAN AND ORDERLY MANNER, AND IN RED INK OR PENCIL. AT PROJECT COMPLETION THESE DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO SUBMISSION TO THE OWNER.
2. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A THIRD–PARTY, NEBB CERTIFIED AIR TEST AND BALANCE CONTRACTOR. TAB REPORT SHALL INCLUDE SCHEDULED AND ACTUAL SYSTEM INFORMATION INCLUDING SYSTEM AIR FLOWS, INDIVIDUAL AIR DEVICE AIR FLOWS, ENTERING AND LEAVING STATIC PRESSURES, RUNNING VOLTAGE AND AMPERAGE, AND ENTERING AND LEAVING AIR TEMPERATURES ACROSS COILS/HEAT EXCHANGERS. AIR FLOWS SHALL BE BALANCED TO WITHIN +/– 5% OF SCHEDULED VALUES. (3) BOUND COPIES OF THE TAB REPORT SHALL BE SUBMITTED TO THE ARCHITECT.
3. THE CONTRACTOR SHALL PROVIDE A WRITTEN ONE (1) YEAR WARRANTY TO KEEP ALL WORK EMBRACED IN THESE CONTRACT DOCUMENTS IN REPAIR AND PROPER WORKING ORDER, WITHOUT CHARGE, FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER.

HVAC MATERIAL SPECIFICATIONS

1. THE STANDARD OF QUALITY FOR ALL MECHANICAL EQUIPMENT PROVIDED SHALL BE AS ESTABLISHED BY THE BASIS OF DESIGN INDICATED FOR EACH PIECE OF EQUIPMENT. THE MATERIAL, MANUFACTURING, AND PERFORMANCE SPECIFICATIONS OF THE SPECIFIC MANUFACTURER AND MODEL NOTED FOR EACH PIECE OF EQUIPMENT SCHEDULED AND SPECIFIED HEREIN SHALL ESTABLISH THE MINIMUM ACCEPTABLE STANDARD OF QUALITY, PFRFORMANCE, AND WORKMANSHIP. ALL EQUIPMENT SHALL BE PRODUCTS OF A MANUFACTURER REGULARLY ENGAGED IN THE MANUFACTURE OF COMMERCIAL EQUIPMENT WITH THE ABILITY TO PROVIDE PERFORMANCE DATA GENERATED BY ARI CERTIFIED SOFTWARE. ALTERNATE PRODUCTS SHALL MEET OR EXCEED THE BASIS OF DESIGN.

2. MECHANICAL PIPING:
A. REFRIGERANT PIPING: ASTM B280, TYPE ACR COPPER, HARD TEMPER, CLEANED, DEHYDRATED, AND SEALED. FITTINGS SHALL BE WROUGHT COPPER WITH CADMIUM FREE SOLDER, 45% SILVER BRAZING ALLOY, CLASS BAg–5.
B. CONDENSATE DRAIN PIPING: ASTM B88, HARD DRAWN COPPER WITH ANSI B16.22 WROUGHT COPPER FITTINGS –OR– ASTM B306, TYPE DWV COPPER WITH ANSI B16.29 WROUGHT COPPER FITTINGS. JOIN COPPER PIPE WITH ASTM B32 LEAD FREE SOLDER, GRADE 95TA 95–5 TIN–ANTIMONY.

3. PIPE INSULATION:
A. ALL REFRIGERANT SUCTION LINES SHALL RECEIVE 3/4" FLEXIBLE CELLULAR INSULATION AS SPECIFIED HEREIN.
B. HVAC CONDENSATE DRAIN LINES ON THE BUILDING INTERIOR SHALL RECEIVE 1/2" FLEXIBLE CELLULAR INSULATION AS SPECIFIED HEREIN.
C. INSULATION MATERIALS: ASTM C534, TYPE 1 ARMACELL AP ARMAFLEX FLEXIBLE CELLULAR INSULATION MEETING ASTM E84 FOR MIN 25/50 FLAME SPREAD AND SMOKE DEVELOPED INDEX. REFRIGERANT SUCTION LINE INSULATION ON THE BUILDING EXTERIOR SHALL HAVE 2 COATS OF MANUFACTURER'S RECOMMENDED U.V. MASTIC APPLIED.

4.. HVAC DUCTWORK CONSTRUCTION: ALL HVAC GALVANIZED DUCTWORK SHALL BE FABRICATED USING ASTM A653 COMMERCIAL GRADE LOCK FORMING G–90/G–60 MATERIALS. ALL HVAC DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE" (<2" w.c.). ALL LONGITUDINAL AND TRANSVERSE DUCT JOINTS SHALL BE SEALED UTILIZING LISTED AND LABELED UL 181–A OR UL 181–B TAPES AND MASTICS.

5. DUCT INSULATION:
A. SUPPLY AND RETURN DUCTS: SUPPLY AND RETURN AIR DUCTWORK SHALL RECEIVE 2" DUCT WRAP AS SPECIFIED HEREIN.
B. OUTSIDE AIR AND EXHAUST DUCTS: ALL OUTSIDE AIR AND RESTROOM EXHAUST DUCTWORK SHALL RECEIVE MIN. 1" DUCT WRAP AS SPECIFIED HEREIN.
C. INSULATION MATERIALS:
(1) EXTERNAL DUCT INSULATION SHALL BE ASTM C 1290, TYPE 75, FLEXIBLE BLANKET, 0.75# DENSITY, KNAUF DUCT WRAP OR EQUAL.
(2) INTERNAL DUCT LINER SHALL BE ASTM C 1071, TYPE 1 FLEXIBLE DUCT LINER, 1.5# DENSITY. KNAUF DUCT LINER E–M OR EQUAL.

6. HVAC DUCT ACCESSORIES:
A. BRANCH DUCT TAKE–OFF FITTINGS:
(1) SUPPLY AIR DUCT TAKE–OFFS: EQUAL TO AIR–TITE MODEL HETDQ GALVANIZED HIGH–EFFICIENCY 45° FITTING WITH NEOPRENE GASKET ON FLANGE, INTEGRAL DAMPER WITH LOCKING QUADRANT LEVER AND 2" STAND–OFF BRACKET.
(2) RETURN OR EXHAUST AIR DUCT TAKE–OFFS: EQUAL TO AIR–TITE MODEL CATDQ GALVANIZED FLAT FITTING WITH NEOPRENE GASKET ON FLANGE, INTEGRAL DAMPER WITH LOCKING QUADRANT LEVER AND 2" STAND–OFF BRACKET.
B. RECTANGULAR VOLUME DAMPERS: OPPOSED BLADE CONFIGURATION, 5–INCH DEEP 20 GAUGE GALVANIZED HAT CHANNEL FRAME, 16 GA. GALVANIZED STEEL BLADES, 1/2–INCH PLATED STEEL AXLES, OIL IMPREGNATED BRONZE BEARINGS, MANUAL HAND QUADRANT WITH STAND–OFF BRACKET, GREENHECK MBD–15 OR EQUAL.
C. ROUND VOLUME DAMPERS: 6–INCH WIDE 20 GAUGE GALVANIZED STEEL FRAME, 20 GAUGE GALVANIZED STEEL BLADE, 3/8–INCH SQUARE PLATED STEEL AXLES TURNING IN ACETAL BEARINGS, MANUAL HAND QUADRANT WITH STAND–OFF BRACKET, GREENHECK MBDR–50 OR EQUAL.
D. ROUND FLEXIBLE DUCTWORK: COATED FIBERGLASS WOVEN FABRIC OVER COATED HELICAL STEEL WIRE, FIBERGLASS SCRIM REINFORCED ALUMINIZED POLYESTER FILM OVER 2" 0.76# DENSITY FIBERGLASS INSULATION; U.L. 181, NFPA 90A, AND NFPA 90B COMPLIANT; THERMAFLEX M–KC OR EQUAL.
E. FIRE DAMPERS, SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS SHALL BE U.L. LISTED (#555 AND/OR #555S, AS APPLICABLE) ACCORDING TO THE TYPE REQUIRED. ALL DAMPERS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS ACCORDING TO THE DAMPER'S LISTING, RATING, SERVICE TYPE, AND INSTALLATION REQUIREMENTS.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER JAMIE L. GUIDRY NO. 12375

CERTIFICATE OF AUTHORIZATION GUIDRY ENGINEERING, PLLC No. 2239 ARKANSAS - ENGINEER

NES
NATIONAL ENGINEERING SERVICES, PLLC
CONWAY OFFICE
813 OAK STREET, SUITE 10A #337
CONWAY, AR 72032
LITTLE ROCK OFFICE
3801 WOODLAND HEIGHTS ROAD, SUITE 125-D
LITTLE ROCK, AR 72212
PH: 501.235.3270
FAX: 501.235.3272
WWW.NES-ENG.COM

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

PLUMBING NOTES, SCHEDULE, AND DETAILS

REVISIONS

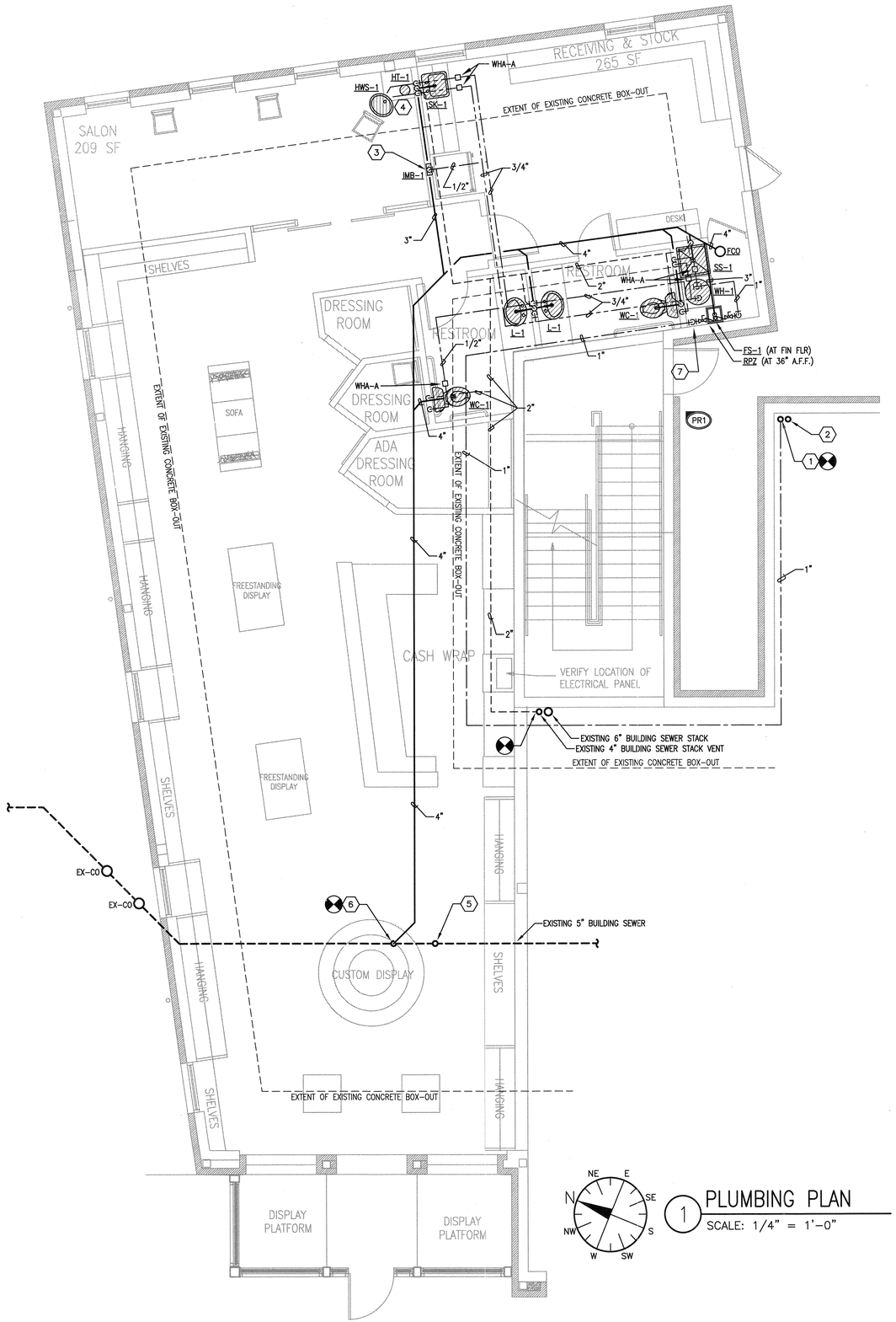
DATE	REV #	DESCRIPTION

NES PROJ. # 12044

DATE SEPT. 11, 2012

SHEET 04 of 04

M1.01



1 PLUMBING PLAN

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

KEYED NOTES – DENOTED BY "⟨#⟩"

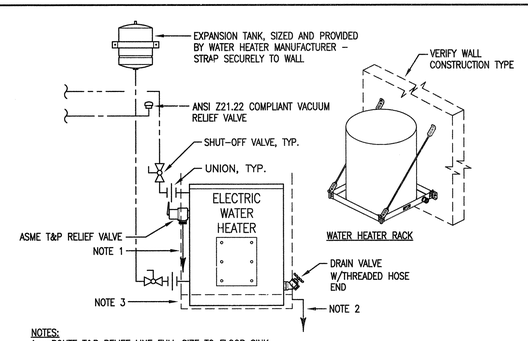
(REFER TO GENERAL PROJECT NOTES, DISCIPLINE SPECIFIC NOTES AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND INFORMATION.)

1. CONNECT TO THE EXISTING 1" CW STUB-UP, EXTEND TO MAX. HEIGHT, AND CONTINUE AS SHOWN.
2. EXISTING CW STUB-UP FOR ADJACENT TENANT SPACE (NIC).
3. DROP WITH A 1/2" CW LINE TO A REFRIGERATOR ICE MAKER VALVE BOX.
4. THERE WILL BE A HAIR WASH SINK IN THIS LOCATION. THE SINK SHALL BE OWNER SUPPLIED AND CONTRACTOR INSTALLED. FIELD VERIFY THE EXACT CONNECTION REQUIREMENTS AND DIMENSIONS. PROVIDE A POINT-OF-USE HAIR TRAP IN THE SINK DRAIN PRIOR TO CONNECTION TO THE SANITARY SEWER SYSTEM. THE HAIR TRAP SHALL BE INSTALLED ACCESSIBLE BENEATH THE SINK.
5. CAP THE EXISTING SEWER STUB-UP BELOW FINISHED SLAB.
6. CONNECT TO THE EXISTING SEWER STUB-UP IN THIS VICINITY.
7. DROP TO RPZ. RISE DOWNSTREAM OF THE RPZ TO MAX. HEIGHT AND CONTINUE AS SHOWN.

PLUMBING FIXTURE SCHEDULE

NOTE: THE PROJECT IS DESIGN-BUILD. THE P.C. SHALL WORK DIRECTLY WITH THE OWNER TO DETERMINE THE ACTUAL MANUFACTURER/MODEL OF ALL PLUMBING FIXTURES SCHEDULED.

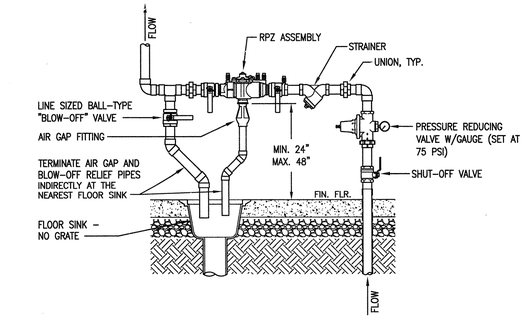
WC-1	TANK-TYPE VITREOUS CHINA TOILET, 1.6 GPF, ADA COMPLIANT, 17" MIN. TO 19" MAX. HIGH
L-1	SELF-RIMMING LAVATORY, ACCESSIBLE WITH ADA COMPLIANT CHROME FAUCET AND TRIM
SK-1	SELF-RIMMING, SINGLE BASIN SINK, CHROME FAUCET AND TRIM
SS-1	FLOOR-MOUNTED SERVICE SINK WITH WALL-MOUNT FAUCET, MOP HANGER, WALL GUARDS, 5' HOSE WITH HOSE CLAMP.
WH-1	20-GALLON POINT-OF-USE, 2.5 KW, 208/1/60
HWS-1	HAIR WASH SINK, OWNER SUPPLIED, INSTALLED BY P.C.
HT-1	HAIR TRAP
FD-1	FLOOR DRAIN WITH TRAP-GUARD
FS-1	PVC FLOOR SINK WITH TRAP GUARD
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER, USC-FCCCHR LISTED, LINE-SIZED
IMB-1	ICE MAKER VALVE BOX
WHA-A	WATER HAMMER ARRESTOR – SUFFIX INDICATES PDI RATING



NOTES:
1. ROUTE T&P RELIEF LINE FULL SIZE TO FLOOR SINK.
2. ROUTE 1-1/4" DRAIN PAN LINE TO FLOOR SINK. DRAIN PAN LINE AND T&P LINE SHALL NOT BE COMBINED.
3. PROVIDE A PRE-ENGINEERED COMBINATION RACK AND DRAIN PAN SYSTEM EQUAL TO A HOLDRITE #50-SWHP-WM COMPLETE WITH 4" DEEP WATERTIGHT DRAIN PAN, 1-1/4" DRDRAIN FITTING, AND ALL APPURTENANCES REQUIRED FOR WALL MOUNTING. INSTALL IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR THE WALL CONSTRUCTION TO WHICH IT IS SECURED.

D1 WATER HEATER DETAIL

SCALE: N.T.S.



NOTES:
1. PRESSURE REDUCING VALVE IS ONLY REQUIRED WHERE WATER SERVICE PRESSURE IS GREATER THAN 75 PSI.
2. AIR GAP RELIEF AND BLOW-OFF PIPING SHALL BE ROUTE THROUGH THE NEAREST EXTEIOR WALL, TURN DOWN, AND TERMINATE.
3. THE PIPE PENETRATIONS THROUGH THE EXTERIOR WALL SHALL BE SLEEVED WITH THE ANNULAR SPACE SEALED WEATHERTIGHT AND FINISHED NEAT AND CLEAN WITH STAINLESS STEEL ESCUTCHEONS ON BOTH SIDES OF THE WALL.

D2 RPZ DETAIL

SCALE: N.T.S.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER JAMIE L. GUIDRY No. 12375

CERTIFICATE OF AUTHORIZATION GUIDRY ENGINEERING, PLLC No. 2239 ARKANSAS ENGINEER

NES NATIONAL ENGINEERING SERVICES, PLLC

CONWAY OFFICE
813 OAK STREET, SUITE 30A #337
CONWAY, AR 72032

LITTLE ROCK OFFICE
3801 WOODLAND HEIGHTS ROAD, SUITE 125-D
LITTLE ROCK, AR 72212

PH: 501.235.3270
FAX: 501.235.3272
WWW.NES-ENG.COM

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

PLUMBING NOTES, SCHEDULE, AND DETAILS

REVISIONS

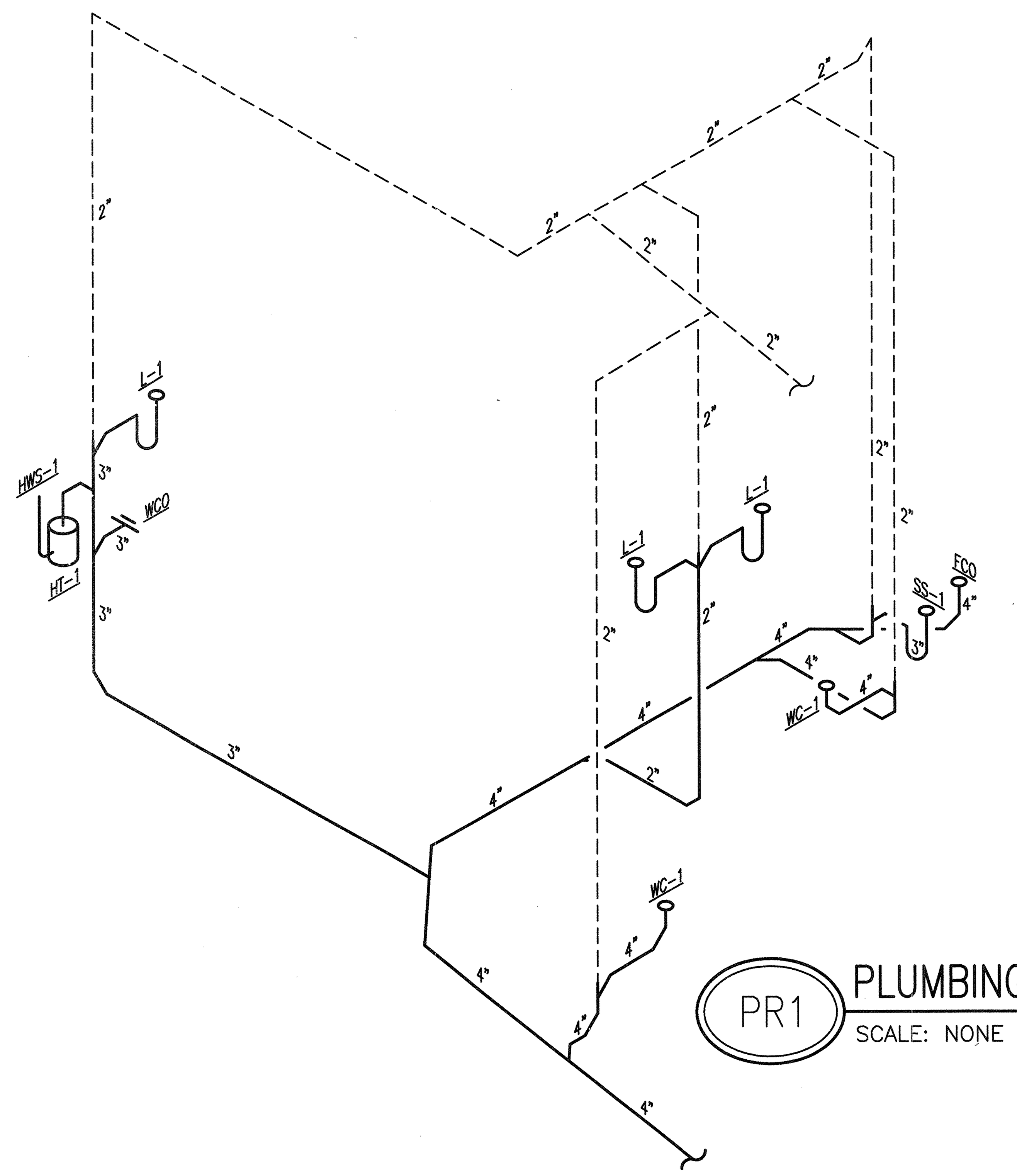
DATE	REV #	DESCRIPTION

NES PROJ. # 12044

DATE SEPT. 11, 2012

SHEET 02 of 04

P1.01



PR1 **PLUMBING RISER**
SCALE: NONE

PLUMBING GENERAL NOTES

1. GENERAL REQUIREMENTS:
   - A. UNLESS SPECIFICALLY NOTED OTHERWISE, THE TERM "CONTRACTOR" INDICATED ON ANY GIVEN DIVISION 15 PLAN SHEET SHALL REFER TO THE CONTRACTOR RESPONSIBLE FOR THE WORK OF THE SPECIFIC TRADE NOTED ON THAT PLAN SHEET.
   - B. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARKANSAS PLUMBING CODE, THE ARKANSAS FUEL GAS CODE, THE REQUIREMENTS OF ALL LOCAL UTILITIES AND THE REQUIREMENTS OF ALL LOCAL AUTHORITIES HAVING JURISDICTION, WHETHER OR NOT THE REQUIREMENTS ARE SPECIFICALLY INDICATED ON THE CONTRACT DOCUMENTS.
   - C. THE ENGINEERING DRAWINGS ARE DIAGRAMMATIC IN NATURE. WHILE A CONCERTED EFFORT HAS BEEN MADE TO PROVIDE SYSTEM ARRANGEMENTS AND LAYOUTS IN A NONCONFLICTIVE MANNER, THE FINAL RESPONSIBILITY FOR COORDINATION OF SYSTEM ROUTING, FABRICATION, AND INSTALLATION BETWEEN THE VARIOUS CONSTRUCTION TRADES SHALL BELONG TO THE INSTALLING CONTRACTORS. FABRICATION AND INSTALLATION OF THE VARIOUS ENGINEERING SYSTEMS SHALL NOT BEGIN UNTIL VERIFICATION OF ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL DRAWINGS HAS TAKEN PLACE.
   - D. THE WORK SPECIFIED HEREIN SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, SUPPLIES AND SUPERVISION REQUIRED TO INSTALL AND PLACE IN OPERATION THE MECHANICAL SYSTEMS AND APPURTENANCES SPECIFIED HEREIN AND/OR INDICATED ON THE DRAWINGS OR REASONABLY IMPLIED AS NECESSARY FOR COMPLETION OF THE VARIOUS SYSTEMS. ALL WORK SHALL BE COMPLETED IN A NEAT AND CLEAN MANNER IN ACCORDANCE WITH CURRENT INDUSTRY STANDARDS.
   - E. ALL WORK SPECIFIED HEREIN SHALL BE PERFORMED BY PROPERLY LICENSED, TRAINED, AND EXPERIENCED TRADESMEN. THE CONTRACTOR SHALL PROVIDE A FIELD SUPERVISOR WITH THE AUTHORITY AND EXPERIENCE REQUIRED TO INSTRUCT THE WORK, MAKE JOB DECISIONS, AND ACT ON BEHALF OF THE CONTRACTOR IN MATTERS PERTAINING TO THE CONTRACT DOCUMENTS.
   - F. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS PRIOR TO BID.
   - G. THE CONTRACTOR SHALL REMOVE ALL RESPECTIVE CONSTRUCTION WASTE AND DEBRIS FROM THE SITE AND SHALL BE RESPONSIBLE FOR THE LAWFUL DISCARD OF SUCH WASTE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS. THE COMPLETED WORK AND THE ADJACENT AFFECTED AREAS SHALL BE THOROUGHLY CLEANED TO THE SATISFACTION ON THE OWNER, ARCHITECT, AND ENGINEER.
   - H. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING, AND PAINTING REQUIRED BY THE RESPECTIVE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SATISFACTORILY REPAIRING EXCESSIVE, UNNECESSARY PENETRATIONS OR OVERSIZED PENETRATIONS THROUGH CONSTRUCTION. IF THE ARCHITECT/ENGINEER DEEMS NECESSARY, ANY CONSTRUCTION DAMAGED FROM CUTTING OR PENETRATION ACTIVITIES SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER. THERE SHALL BE NO CUTTING OR PENETRATING OF CONSTRUCTION THAT WILL COMPROMISE THE STRUCTURAL INTEGRITY OF THE BUILDING SYSTEM. IF THE CONTRACTOR DEEMS IT NECESSARY TO ALTER, CUT, OR PENETRATE A STRUCTURAL MEMBER, EXPRESS PERMISSION SHALL BE GIVEN BY THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING. IT IS PERMISSIBLE FOR BEAMS TO BE PENETRATED WITH SMALL SCREWS WITHOUT PRIOR APPROVAL.

2. WALL PENETRATIONS:
   - A. STAINLESS STEEL PIPE ESCUTCHEONS SHALL BE PROVIDED AT ALL INTERIOR, EXPOSED PIPE PENETRATIONS THROUGH WALLS. ESCUTCHEONS SHALL BE SECURED TIGHT TO WALL SURFACES.
   - B. ALL PIPING PENETRATIONS THROUGH EXTERIOR WALLS SHALL BE SLEEVED. THE INTERSTITIAL SPACE BETWEEN THE SLEEVE AND THE PIPE SHALL BE CAULKED/SEALED WEATHERTIGHT. STAINLESS STEEL ESCUTCHEONS SHALL BE PROVIDE ON BOTH SIDES OF THE SLEEVE FOR A NEAT AND CLEAN FINISH.
   - C. ALL PENETRATIONS THROUGH FIRE/SMOKE RATED CONSTRUCTION SHAL BE SEALED UTILIZING U.L. LISTED MATERIALS AND DESIGNS TO MAINTAIN FIRE-RATING. U.L. LISTED DESIGNS FOR EACH PENETRATION TYPE UTILIZED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ARCHTIECT AND ENGINEER FOR APPROVAL.

3. DUE TO THE SMALL SCALE OF THE PLANS, IT IS NOT ALWAYS POSSIBLE TO INCLUDE ALL PLUMBING LINE SIZES ON THE PLANS. REFER TO THE PLUMBING RISERS, DETAILS AND NOTES FOR ALL LINE SIZES NOT INDICATED ON THE PLUMBING PLANS.

4. THE CONTRACTOR SHALL COORDINATE AS REQUIRED TO ENSURE NO WATER LINES PASS OVER ELECTRICAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO, POWER PANELS, FIRE ALARM CONTROL PANELS, TRANSFORMERS, AND PHONE/DATA BOARDS.

5. PROVIDE AN ACCESS DOOR FOR ALL VALVES INSTALLED BEHIND WALLS OR IN OTHER INACCESSIBLE CONSTRUCTION. ACCESS DOORS EXPOSED TO VIEW SHALL BE PAINTED TO MATCH THE ADJACENT SURFACE.

6. ALL PIPING SYSTEMS SHALL BE PROTECTED AGAINST DISSIMILAR METAL GALVANIC CORROSION BY SEPARATION, INSULATION, OR ENGINEERED CONNECTIONS SUCH AS DIELECTRIC UNIONS.

7. PIPE INSULATION SHALL BE CONTINUOUS AND UNBROKEN THROUGH ALL HANGERS, SUPPORTS, WALL PENETRATIONS, ETC.

8. PROVIDE SHUT-OFF VALVE ON ALL WATER BRANCH LINES SERVING INDIVIDUAL FIXTURES. VALVES SHALL BE INSTALLED IN AN ACCESSIBLE LOCATION.

9. PROJECT DOCUMENTATION: THE CONTRACTOR SHALL PROVIDE A WRITTEN ONE (1) YEAR WARRANTY TO KEEP ALL WORK EMBRACED IN THESE CONTRACT DOCUMENTS IN REPAIR AND PROPER WORKING ORDER, WITHOUT CHARGE, FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE OF THE WORK BY THE OWNER.

10. PLUMBING SYSTEMS TESTING:
    - A. POTABLE WATER PIPING TEST THE WATER PIPING SYSTEM SHALL BE HYDROSTATICALLY TESTED AT 100 PSI FOR A PERIOD OF NOT LESS THAN EIGHT (8) HOURS WITH NO DISCERNIBLE PRESSURE LOSS.
    - B. SANITARY BUILDING DRAIN TEST: THE SANITARY BUILDING DRAIN SHALL BE HYDROSTATICALLY TESTED AT 5 PSI FOR ONE HOUR WITH NO DISCERNIBLE PRESSURE LOSS.

11. POTABLE WATER SYSTEM CLEANING:
    - A. PROVIDE WATER DISINFECTION SAMPLING AND TESTING IN ACCORDANCE WITH THE REQUIREMENTS OF THE ARKANSAS DEPARTMENT OF HEALTH.
    - B. THE WATER DISTRIBUTION SYSTEM SHALL BE DISINFECTED IN ONE OF THE FOLLOWING TWO WAYS:
      - (1) THE SYSTEM SHALL BE FILLED WITH A SOLUTION CONTAINING 50 PARTS PER MILLION OF AVAILABLE CHLORINE. THE SOLUTION SHALL BE ALLOWED TO STAND TWENTY-FOUR (24) HOURS BEFORE FLUSHING AND RETURNING TO SERVICE.
      - (2) THE SYSTEM SHALL BE FILLED WITH A SOLUTION CONTAINING 200 PARTS PER MILLION OF AVAILABLE CHLORINE. THE SOLUTION SHALL BE ALLOWED TO STAND THREE (3) HOURS BEFORE FLUSHING AND RETURNING TO SERVICE.
    - C. DURING STERILIZATION OPERATE ALL VALVES, FAUCETS, ETC., SO THAT ALL PORTIONS OF THE SYSTEM ARE REACHED. FLUSH SYSTEM WITH CLEAR CITY WATER UNTIL CONCENTRATION DROPS TO 0.5 PPM. OBTAIN BACTERIOLOGICAL CERTIFICATE FROM THE ARKANSAS DEPARTMENT OF HEALTH OR AN AUTHORIZED REPRESENTATIVE FOR WATER SAMPLE AND SUBMIT WITH FINAL DOCUMENTS AT COMPLETION.

PLUMBING MATERIAL SPECIFICATIONS

1. THE STANDARD OF QUALITY FOR ALL PLUMBING FIXTURES PROVIDED SHALL BE AS ESTABLISHED BY THE BASIS OF DESIGN INDICATED FOR EACH FIXTURE. THE MATERIAL, MANUFACTURING, AND PERFORMANCE SPECIFICATIONS OF THE SPECIFIC MANUFACTURER AND MODEL NOTED FOR EACH FIXTURE SCHEDULED SHALL ESTABLISH THE MINIMUM ACCEPTABLE STANDARD OF QUALITY, PERFORMANCE, AND WORKMANSHIP. ALTERNATE PRODUCTS SHALL MEET OR EXCEED THE BASIS OF DESIGN.

2. DOMESTIC COLD AND HOT WATER PIPING:
   - A. BELOW SLAB: ASTM B88 TYPE "K" ANNEALED WATER TUBE WITH ANSI B16.22 WROUGHT COPPER FITTINGS. PROVIDE ASTM B32 LEAD FREE SOLDER, GRADE 95TA, 95-5 TIN-ANTIMONY. PROVIDE CONTINUOUS POLYETHYLENE OR PVC SLEEVE, BLUE FOR COLD WATER SERVICE AND RED FOR HOT WATER SERVICE.
   - B. ABOVE SLAB: ASTM B88 TYPE "L" HARD COPPER TUBE WITH ANSI B16.22 WROUGHT COPPER FITTINGS. PROVIDE ASTM B32 LEAD FREE SOLDER, GRADE 95TA, 95-5 TIN-ANTIMONY.

3. PIPING INSULATION:
   - A. HOT AND COLD WATER PIPING ABOVE GRADE: MINIMUM 1" THICK ASTM C547, TYPE 1, RIGID, MOLDED FIBERGLASS INSULATION WITH FACTORY APPLIED FIBER REINFORCED KRAFT-PAPER VAPOR BARRIER. INSULATION SHALL BE EQUAL TO KNAUF 1000 OR JOHNS MANSVILLE.
   - B. HOT WATER PIPING BELOW GRADE: MINIMUM 3/4" THICK ASTM C534, TYPE 1 ARMACELL AP ARMAFLEX FLEXIBLE CELLULAR INSULATION.

4. SANITARY AND GREASE WASTE PIPING AND FITTINGS (BELOW SLAB): ASTM D3034 SDR 35 PVC PIPE AND ASTM D2855 FITTINGS -OR- ASTM D1785 SCH. 40 PVC PIPE AND ASTM D2665 FITTINGS.

5. SANITARY AND GREASE VENT PIPING AND FITTINGS (ABOVE SLAB): HUB AND SPIGOT ASTM A74 SERVICE WEIGHT CAST IRON BELOW GRADE AND HUBLESS ASTM A74 SERVICE WEIGHT CAST-IRON ABOVE GRADE WITH CISPI 301 CLAMPS.

6. TRAP SEAL PROTECTION: ALL FLOOR DRAINS AND FLOOR SINKS SHALL HAVE ELASTOMERIC SELF-CLOSING TRAP GUARD PRODUCT EQUAL TO PROSET SYSTEMS TRAP GUARD.

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 12375
JAMIE L. GUIDRY
09.11.12

CERTIFICATE OF AUTHORIZATION
GUIDRY ENGINEERING, PLLC
No. 2239
ARKANSAS - ENGINEER

NATIONAL ENGINEERING SERVICES, PLLC
CONWAY OFFICE
813 OAK STREET, SUITE 10A #337
CONWAY, AR 72032
LITTLE ROCK OFFICE
3801 WOODLAND HEIGHTS ROAD, SUITE 125-D
LITTLE ROCK, AR 72212
PH: 501.235.3270
FAX: 501.235.3272
WWW.NES-ENG.COM

MONROW BOUTIQUE
THE VILLAGE at HENDRIX
CONWAY, ARKANSAS

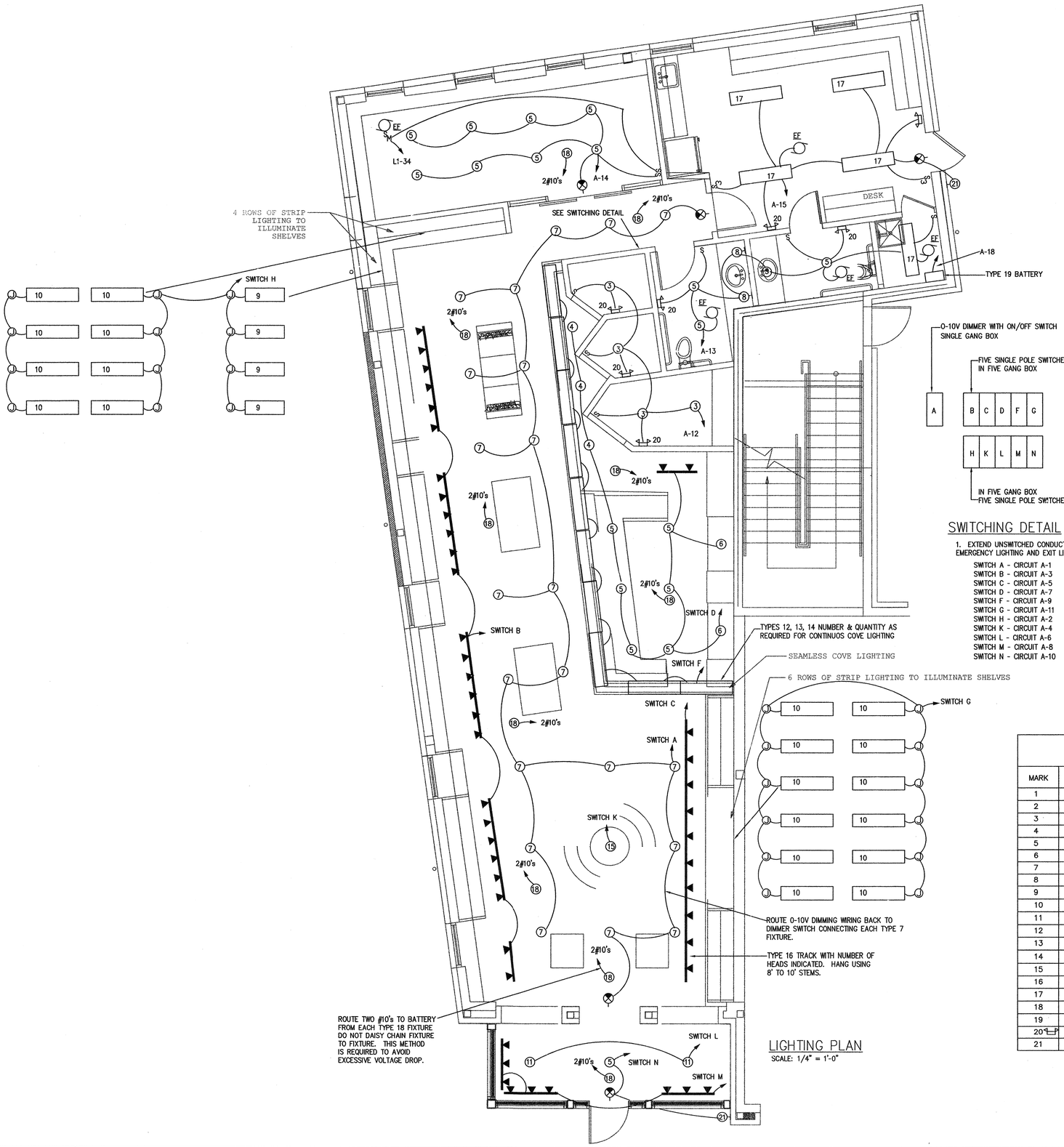
PLUMBING NOTES, SCHEDULE, AND DETAILS

REVISIONS

DATE	REV #	DESCRIPTION

NES PROJ. #
12044
DATE
SEPT. 11, 2012
SHEET
03 of 04

P2.01



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

SWITCHING DETAIL

1. EXTEND UNSWITCHED CONDUCTOR TO EMERGENCY LIGHTING AND EXIT LIGHTING.

SWITCH A - CIRCUIT A-1
SWITCH B - CIRCUIT A-3
SWITCH C - CIRCUIT A-5
SWITCH D - CIRCUIT A-7
SWITCH F - CIRCUIT A-9
SWITCH G - CIRCUIT A-11
SWITCH H - CIRCUIT A-2
SWITCH K - CIRCUIT A-4
SWITCH L - CIRCUIT A-6
SWITCH M - CIRCUIT A-8
SWITCH N - CIRCUIT A-10

ELECTRICAL LEGEND

WALL OUTLET CEILING OUTLET

- OUTLET (NO, REFERS TO FIXT. SCHED.)
- LAMP HOLDER AND 100W. LAMP W/GUARD
- 'J' BOX AND CONNECT EQUIPMENT AS REQ'D.
- EXIT LIGHT - SINGLE FACE W/ BATTERY - FIXTURE TYPE 1
- EXIT LIGHT - DOUBLE FACE W/ BATTERY - FIXTURE TYPE 2
- FLUORESCENT FIXTURE - SHADING OR AN "E" INDICATES EMERGENCY BODINE BALLAST
- TRACK WITH FIXTURES AS SHOWN-SEE SCHEDULE

DEVICE MOUNTING NOTE

CONFIRM THE LOCATIONS OF ALL WALL MOUNTED DEVICES SUCH AS FIRE ALARM COMPONENTS SWITCHES, ETC. WITH ARCHITECT PRIOR TO ROUGH-IN.

- CONVENIENCE OUTLET AC= ABOVE COUNTER W.P. = WEATHERPROOF
- TVSS RECPTACLE
- FLOOR TELEPHONE OUTLET - WALKERBOX - VERIFY FLOOR PLATE TYPE PROVIDE TWO 1" C'S TO ABOVE ACCESSIBLE CEILING OR AS INDICATED
- FLOOR CONVENIENCE OUTLET- WALKERBOX- VERIFY FLOOR PLATE TYPE
- SPECIAL PURPOSE OUTLET -(120/208V) OR AS NOTED
- 3/4" COUPLING FLUSH WITH FLOOR, THEN CONNECT WITH EQUIPMENT AS REQUIRED, OR RECEPTACLE.
- PUSH BUTTON BELL
- TELEVISION OUTLET-PROVIDE RACEWAYS SAME AS FOR TELEPHONE
- TELECOMMUNICATION OUTLET(PHONE/DATA)-4X4 BOX W/ SINGLE GANG MUDRING, PLATE AND 3/4"C TO ABOVE ACCESSIBLE CEILING. PROVIDE WIRING IF INDICATED.
- VIDEO DISPLAY TERMINAL-SAME AS TELEPHONE

- FIRE ALARM HORN/STROBE 80" A.F.F.
- FIRE ALARM SPEAKER/STROBE 80" A.F.F.
- FIRE ALARM PULL STATION 48" A.F.F.
- FIRE ALARM VISUAL (STROBE ONLY) 80" A.F.F.
- SMOKE DETECTOR D=DUCT MOUNTED
- HEAT DETECTOR
- FAP FIRE ALARM PANEL

- NURSES CALL EMERGENCY STATION
- NURSES CALL STATION (NO.1=SINGLE BED, 2=TWO BED, 3=STAFF)
- NURSES CALL DOME LIGHT

- PANELS
- MOTOR CONNECTION-PROVIDE DISCONNECTING MEANS
- SPEAKER OUTLET
- MICROPHONE OUTLET FLOOR WALL CEILING
- TRANSFORMER
- CONDUIT @ CEILING OR WALL (CONCEALED)- NEUTRAL, HOT & SWITCH LEG CONDUCTORS NOT SHOWN WHERE OBVIOUS. PROVIDE GROUND WIRE IN ALL COND.
- CONDUIT @ UNDER FLOOR
- DISCONNECT SWITCH F=FUSED N=NONFUSED
- CONTROLLER OR STARTER
- CLOCK OUTLET 6' BELOW CEILING
- T.C. TIME CONTROL - PROVIDE 7 DAY T/C
- P.C. PHOTOELECTRIC CELL
- N.L. NIGHT LIGHT TWO LAMPS ONLY
- S_M SQ. "D" MANUAL STARTER TYPE FG-1 OR FG-2,CLASS 2510
- S SINGLE POLE SWITCH-SWITCH EACH ROOM INDEPENDENTLY OF OTHERS UNLESS SHOWN OTHERWISE-TYPICAL FOR ALL SWITCHES
- S_4 FOUR-WAY SWITCH S_2 DOUBLE POLE SWITCH
- S_K KEYED OPERATED SWITCH
- S_P PILOT LIGHT / LIGHTED TOGGLE SWITCH - REFER TO SPECIFICATIONS FOR TYPE.
- S_3 THREE-WAY SWITCH
- S_V VOLUME CONTROL SWITCH OR INTERCOM CALL BUTTON - SEE RISERS.
- S_T 15 MINUTE WIND UP TIMER 20 A (MARK TIME)
- S_D DIMMER PRESCOLITE

FIXTURE SCHEDULE

MARK	MANUFACTURE & CAT. NO.	LAMP	MOUNTING, REMARKS
1			VERIFY, EDGE LIT SINGLE FACE EXIT WITH BATTERY
2			VERIFY, EDGE LIT DOUBLE FACE EXIT WITH BATTERY
3			SURFACE, 16" ROUND 1000 LUMEN LED W/ DIFFUSED LENS
4			RECESSED, 4" 1000 LUMEN LEN W/ DROP OPAL CYLINDRICAL LENS
5			RECESSED, 6" WIDE DIST. 1500 LUMEN LED DOWNLIGHT
6			RECESSED, 6" WALL WASH 1500 LUMEN LED DOWNLIGHT
7			RECESSED, 6" MED DIST. 3000 LUMEN LED 0-10V DIMMING DOWNLIGHT
8			WALL, DECORATIVE BATHROOM SCONCE
9		T5	SURFACE, 3' SINGLE STRIP LIGHT
10		T5	SURFACE, 4' SINGLE STRIP LIGHT
11			SURFACE, OWNER FURNISHED CONTRACTOR INSTALLED CHANDELIER
12		T5	IN COVE, 2' STAGGERED STRIP LIGHT
13		T5	IN COVE, 3' STAGGERED STRIP LIGHT
14		T5	IN COVE, 4' STAGGERED STRIP LIGHT
15			SURFACE, OWNER FURNISHED CONTRACTOR INSTALLED CHANDELIER
16		50W MR16 L.V.	PENDANT, TRACK WITH HEADS
17			CHAIN HUNG, USE SHELL SPACE FIXTURES
18			RECESSED, 25W, 12V REMOTE EMERGENCY HEAD
19			SURFACE / SHELF, 340W, 12V BATTERY FOR TYPE 18 FIXTURES
20			WALL, SELF CONTAINED EMERGENCY LIGHT
21			WALL, EXTERIOR EMERGENCY LIGHT

NOTES:

1. "E" DENOTES BODINE: B 50 WIRED TO HOT SIDE OF SWITCH.
2. SUPPORT ALL LAY-IN FIXTURES BY 2 #12 TIE WIRES TO STRUCTURE.
3. VERIFY COMPATIBILITY OF ALL FIXTURES W/ MOUNTING SURFACE PRIOR TO ORDERING.
4. ALL FIXTURES 120V UNLESS SHOWN OTHERWISE
5. PROVIDE PROGRAM START BALLAST FOR ALL ROOMS WITH OCCUPANCY SENSORS

LUCAS, MERRIOTT & ASSOCIATES
Consulting Engineers
2225 WEST 7th STREET
LITTLE ROCK, ARKANSAS
PHONE: 501-374-3522
FAX NO:501-375-7505

MONROW BOUTIQUE
THE VILLAGE AT HENDRIX
CONWAY, ARKANSAS

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No6316 ROBERT MERRIOTT 9/13/12
CERTIFICATE OF AUTHORIZATION LUCAS MERRIOTT & ASSOCIATES No227 ARKANSAS ENGINEER

LIGHTING PLAN

REVISIONS	DATE

E1	2
SHEET	OF
9/14/12	2012-038
DATE	JOB NO.