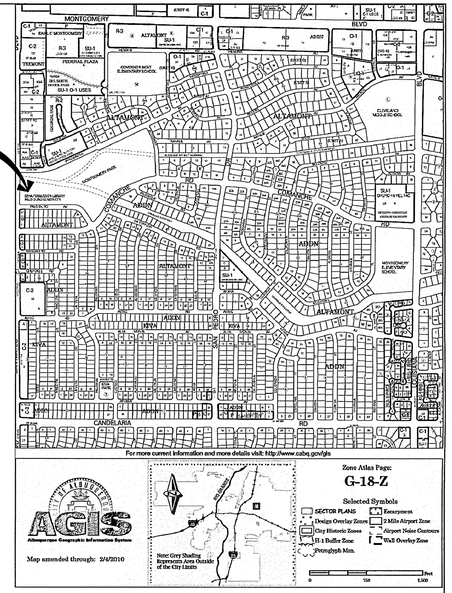
IMPROVEMENTS TO

ERNA FERGUSSON LIBRARY



VICINITY MAP: Zone Atlas No: G-18-Z

CITY OF ALBUQUERQUE
ALBUQUERQUE/BERNALILLO COUNTY LIBRARY SYSTEM - Managing Department
Cultural Services Department

May 18, 2011
Cultural Services Department-Owner

PHASE 1 - NIC. WORK COMPLETED
PHASE 2 - NEW CONSTRUCTION

X FINAL FOR CONSTRUCTION
DATE: 5/18/2011

IMPROVEMENTS TO ERNA FERGUSSON LIBRARY
PROJECT #: 7168.03

RECORD DRAWINGS
DATE: 4/13/2012

Property Information

Property Address: 3700 San Mateo Blvd. NE
Zone : R-1 Public Library
Building Improvements

Legal Description

The western portion of Montgomery Park, Altamont Addition, Albuquerque, New Mexico, as the same is shown and designated on the plat filed in the Office of the County Clerk of Bernalillo County, New Mexico on February 9, 1953, book D1, page 82.

Consultants

Harmeyer Nellos Engineering - Mechanical Engineers
505 888 5808

The Response Group - Electrical Engineers
505 323 7629

Bacchus Consulting Engineering - Structural Engineers
505 262 2471

Index of Drawings

RECORD SET OF DRAWINGS
This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.
CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

CHERRY/SEE/REAMES ARCHITECTS, LLP
220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1278 fax 505 - 766 - 9269

UTILITY COMPANY CONTACTS

CALL BEFORE YOU DIG!
STATEWIDE 1-800-321-ALERT ALBUQUERQUE 260-1990

CITY OF ALBUQUERQUE UTILITY DEVELOPMENT
P.O. Box 1293
Albuquerque, New Mexico 87103
(505)768-2719/Bob Strong/Utility Coordination

PNM-ELECTRIC
4201 Edith Boulevard NE
Albuquerque, New Mexico 87107
(505)241-0525

QWEST
201 Third Street NW, Suite 700
Albuquerque, New Mexico 87103
(505)245-8706

PNM-GAS
4625 Edith Boulevard NE
Albuquerque, New Mexico 87107
(505)241-7745

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE	APPROVED	ENGINEER	DATE
STATE OF NEW MEXICO TINA M. REAMES 3772 REGISTERED ARCHITECT 5/19/11	DRC Chairman		
	Transportation		
	Water/Wastewater		
	Hydrology		
	Parks		
	Constr. Mngmt.		

APPROVED FOR CONSTRUCTION

City Architect Date

City Engineer Date

DATE: 5/18/2011 | PROJECT # 7168.03 | Sheet G001 1 Of 21

GENERAL PURPOSE OF PROJECT

TO PROVIDE SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS. DUE TO BUDGET CONSTRAINTS, THIS PURPOSE IS TO BE ACCOMPLISHED IN TWO PHASES. THERE ARE CURRENTLY 16 PUBLIC ACCESS COMPUTERS. THESE RENOVATIONS WILL ADD ANOTHER 20 STATIONS FOR A TOTAL OF 36 STATIONS.

THESE DRAWINGS CONTAIN WORK FOR BOTH PHASE 1 AND PHASE 2 OF THE PROJECT. WORK FOR PHASE 2 TO BE COMPLETED AS PART OF THIS CONTRACT. PHASE 1 WORK IS NOT IN CONTRACT AND HAS ALREADY BEEN COMPLETED.

PHASE 1
PURPOSE OF PHASE 1: TO ENCLOSE EXISTING, EXTERIOR DELIVERY SPACE FOR DELIVERY AND SORTING; REMODEL EXISTING STORAGE ROOM INTO OFFICE SPACE; AND REMODEL EXISTING SORTING AREA INTO WORK SPACE AND WORK STATIONS AND OTHER WORK NOTED IN PHASE 1 ON THE DRAWINGS.

1. ADD KALWALL AND RELOCATED DOOR TO COVERED DELIVERY TO ENCLOSE.
2. REMOVE DOOR A103 BETWEEN COVERED DELIVERY 101 AND DELIVERY 103. BECOMES OFFICE 101R AND OFFICE 103R. TO BE USED FOR DELIVERY, BOOK SORTING AND OTHER WORK ROOM TASKS.
3. CHANGE STORAGE 102 TO OFFICE 102R WITH 2 WORK STATIONS. USE FURNITURE, NOT BUILT-IN CASEWORK.
4. CUT 3 NEW WINDOWS IN OFFICE 103R. NEW TOP FOR CASEWORK.
5. REPAIR FINISHES AND PAINT
6. REWORK DRAINAGE OF SERVICE YARD
7. RELOCATE OFFICE FUNCTIONS INTO OFFICE 102R AND OFFICE 103R IN PREPARATION FOR PHASE II.
8. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. EXISTING COVERED DELIVERY 101 WILL BECOME AN ENCLOSED SPACE.
9. INSULATE WEST WALL OF ROOM 101R.

PHASE 2
PURPOSE OF PHASE 2: TO RELOCATE OFFICE FUNCTIONS OUT OF OFFICE 107 TO ALLOW RELOCATION OF STACKS INTO THAT AREA WHICH FREES UP SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS AND OTHER WORK NOTED IN PHASE 2 ON THE DRAWINGS.

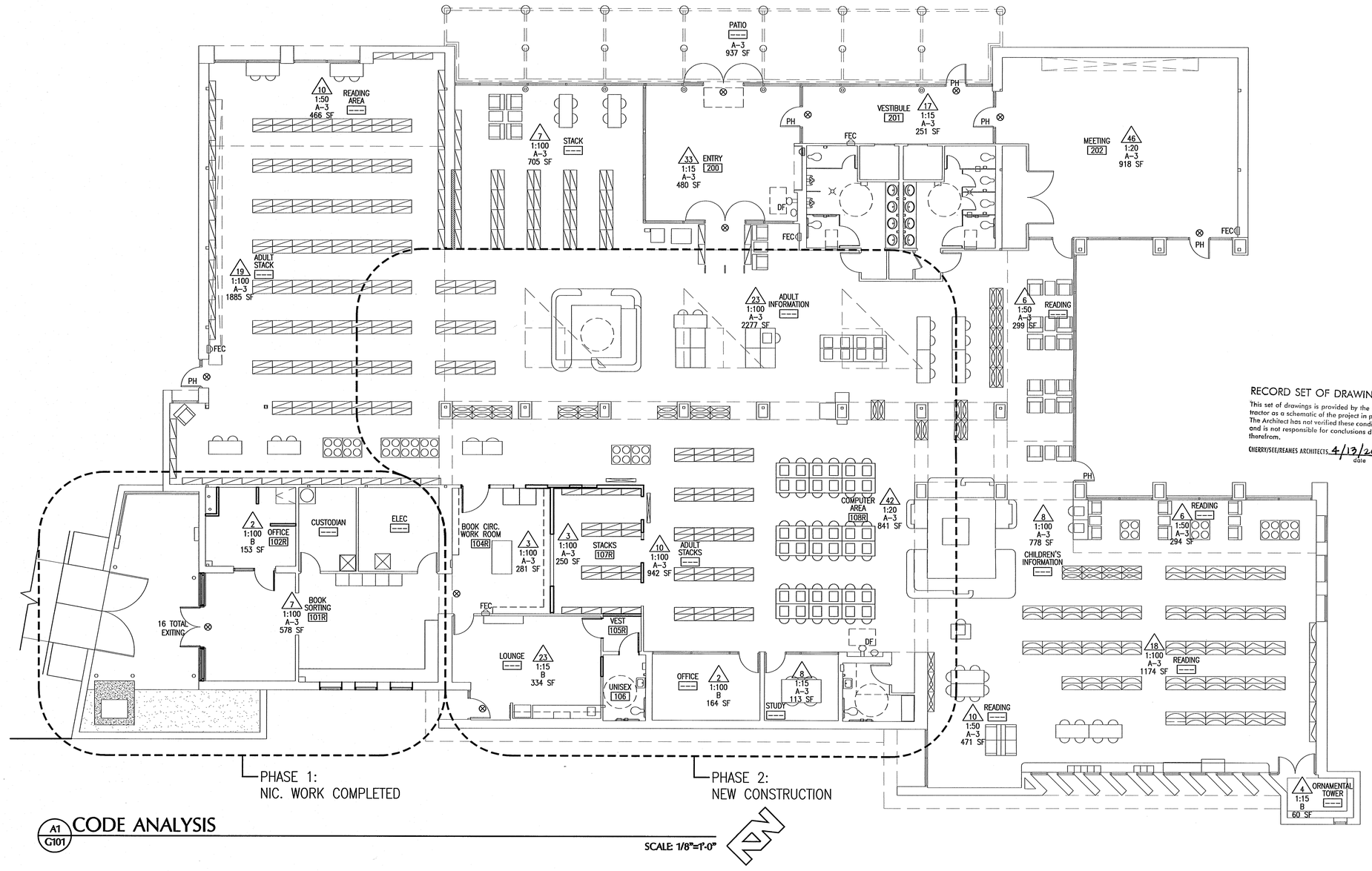
1. REWORK VESTIBULE ENTRY TO RESTROOM
2. MOVE DOOR A104 NORTH
3. REMOVE PORTIONS OF LOAD-BEARING WALL BETWEEN STACKS 107R AND PUBLIC AREA TO ALLOW ENTRY TO STACKS 107R.
4. NEW PARTIAL PARTITION TO CLOSE OFF WORK ROOM 104R FROM STACKS 107R
5. RELOCATE STACKS FROM PUBLIC AREA INTO STACKS 107R.
6. ADD COMPUTER TABLES, SEATS, AND COMPUTERS
7. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. A NEW HVAC UNIT AND SUPPLY WILL BE ADDED. STRUCTURAL IS REQUIRED FOR NEW LINTELS IN LOAD-BEARING WALL.

GENERAL PROJECT NOTES

1. APPLICABLE CODES, LAWS, RULES & REGULATIONS:
   a. ADA & ABA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES
   b. OSHA 1926 FOR CONSTRUCTION
   c. 2008 UNIFORM ADMINISTRATIVE CODE – EXHIBIT A
   d. 2008 UNIFORM ADMINISTRATIVE CODE ORDINANCE
2. ALL EXITS AND EXIT-WAYS ARE TO REMAIN OPEN THROUGHOUT THE CONSTRUCTION.
3. NO PATRONS WILL BE ALLOWED IN ANY WORK AREAS DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVES.
4. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH THE LATEST VERSION OF OSHA SAFETY AND HEALTH REGULATIONS.

LEGEND

XXX	ROOM OCCUPANT NUMBER
⊗	EXIT LIGHT
	EMERGENCY FIXTURE
PH	PANIC HARDWARE
FEC	FIRE EXTINGUISHER & CABINET
DF	DRINKING FOUNTAIN
1:XXX	IBC OCCUPANCY LOADS PER IBC TABLE 1004.1.2
00'-00"	DISTANCE FROM EXIT



RECORD SET OF DRAWINGS

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CHERRY/SEE/REAMES ARCHITECTS 4/13/2012
date

A1
G101
CODE ANALYSIS

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

ZONING

The site is zoned SU-2 per Zoning Atlas G-18-Z.
Conditional use was approved prior to construction.

No new parking is being provided.
79 regular spaces, 16 small car, and 4 handicapped spaces are existing.

CODE ANALYSIS PER IEBC 2006

ANALYSIS PER CHAPTER 7: ALTERATIONS – LEVEL 2
No new area is being added to the building. No occupancy changes are being made.

SECTION 703: BUILDING ELEMENTS AND MATERIALS
The building contains no vertical openings or stairs.

SECTION 704: FIRE PROTECTION: SPRINKLERS
No sprinklers are required per 704.2.2.

SECTION 704: FIRE PROTECTION: FIRE ALARMS
The existing building is protected throughout with a fire alarm system. This system will be maintained and redone in the altered rooms.

SECTION 705: MEANS OF EGRESS
705.3 The existing building has seven exterior doors for a total of 324 inches. Exit distance does not exceed 75' distance to any exit.
705.4.1 All doors to the exterior in the A-3 occupancy have panic hardware or break away functions on the east entry sliding doors.
705.4.2 All doors swing in the direction of exit travel.
705.7 There is emergency lighting throughout the building.
705.8 All exterior exits have powered exit signs with emergency back-up.

SECTION 706: ACCESSIBILITY
The existing building conforms to ANSI A117.1-2003. All new doors and renovated spaces conform to ANSI A117.1-2003 and ADA & ABA Accessibility Guidelines for Buildings and Facilities, 7/23/04 amended 8/5/05.

SECTION 707: STRUCTURAL
In Office 101R, three new 3'-4" wide windows are being cut in a 41'-4" long steel reinforced masonry wall. Horizontal steel frames will be used at the new openings. The existing reinforced masonry above the windows will support the bar joists and roof loads above the three windows. Lateral loads reduction on the 41'-4" wall will be insignificant, less than 10% allowed at the three new openings.
At Stacks 107R south openings, conventional steel frame headers will be used, supporting the dead load above. This wall does not have lateral loading.
One new rooftop HVAC unit will be added. Existing structure can carry the unit and ductwork.

SECTION 708: ELECTRICAL
Lights will be changed and switches will be moved. New power circuits will be added to existing panels. Existing panels have sufficient power and spaces for all new upgrades. All new work will be in compliance with NEC and IBC 2009 Sections 2701 & 2702.

SECTION 709: MECHANICAL
An additional cooling unit will be added and duct work run to the Computer Area 108R for additional cooling to the Computer Area. This will increase air flow and air changes in the building. All new mechanical work will be per the 2006 New Mexico Mechanical Code and IBC 2009 Chapter 29, Mechanical Systems.

SECTION 710: PLUMBING
No new plumbing takes place in this alteration.

SECTION 711: ENERGY CONSERVATION
No new space is being added requiring IECC upgrades. However, additional 4" rigid insulation will be added to the uninsulated portion of Office 101R west wall. Also, the north wall of 101R will be closed with 2-3/4" kalwall panels, R-13.

IBC-2006 ADDITIONAL INFORMATION

OCCUPANCY GROUPS & SQ. FT. (NET)

TYPE	SQ. FT.	NUMBER
A-3	13,003 sq. ft. Heated	276
937 sq. ft. Open Covered		
B	711 sq. ft. Heated	31
	TOTAL OCCUPANTS	307

TOTAL BUILDING SQ. FT. (GROSS)
15,036 sq. ft. Heated

AREA OF ALTERATIONS (PHASE 2)

TYPE	SQ. FT.
A-3	631 sq. ft.
VESTIBULE	33 sq. ft.
RESTROOM	71 sq. ft.
TOTAL	735 sq. ft.

CONSTRUCTION TYPE
2003 IBC TYPE III N
2009 IBC EQUIVALENT TYPE III B

NUMBER OF STORIES
1 Story

PLUMBING FIXTURES PROVIDED

	WC	Urinals	Lavs
Men	2	2	4
Women	4		4

Plus one staff toilet and one unisex toilet.

Drinking Fountains: 4

CHERRY/SEE/REAMES ARCHITECTS, LLP
220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1278 fax 505 - 766 - 9269

AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:

BENCH MARK

MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

REVISIONS/REMARKS
NO. DATE BY
DESIGNED BY: DJS DATE: -
DRAWN BY: RCB DATE: -
CHECKED BY: - DATE: -

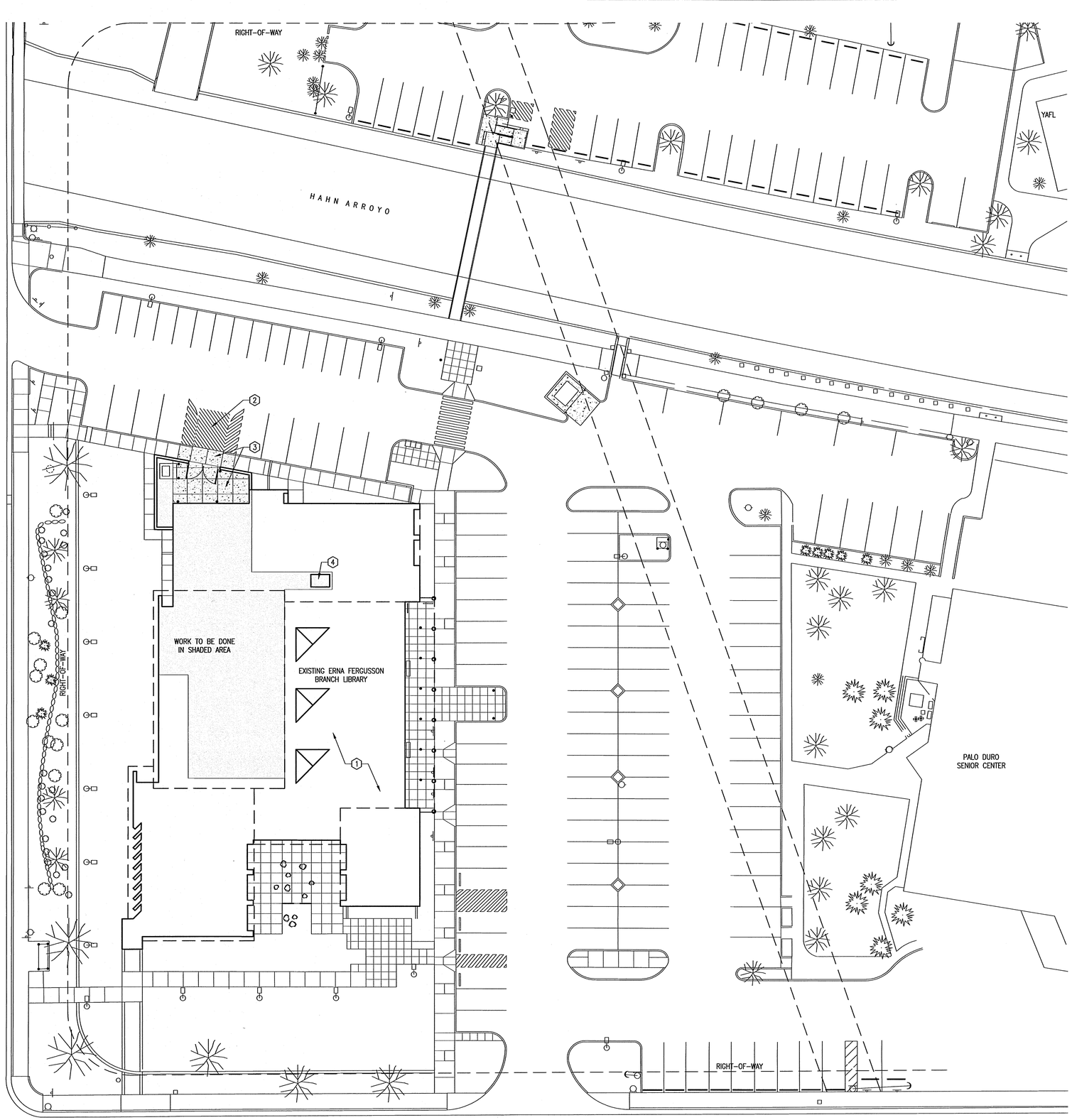
STATE OF NEW MEXICO
TINA M. REAMES
3772
REGISTERED ARCHITECT
5/19/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: CODE ANALYSIS

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	G101 2	21



A1
AS101
SITE PLAN

SCALE: 1" = 20'-0"

GENERAL SHEET NOTES

1. ALL EXISTING PARKING IS TO REMAIN.
2. NO NEW COVERED SPACE IS BEING ADDED TO THE LIBRARY.

KEYED NOTES

1. EXISTING FOOTPRINT OF LIBRARY TO REMAIN.
2. ADD NEW ASPHALT RAMP TO SLOPE .20 OF ONE FOOT.
3. REMOVE AND REPLACE WITH NEW CONCRETE DRIVE. SEE ENLARGED PLANS.
4. NEW HVAC UNIT. CUT & REPAIR ROOFING AND DECK AS REQUIRED. SEE MECHANICAL. NEW UNIT TO BE ADDED IN PHASE 2 WORK.

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AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:

BENCH MARK

MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

STATE OF NEW MEXICO
TINA M. REAMES
3772
REGISTERED ARCHITECT
5/19/11

NO.	DATE	REVISIONS/REMARKS	BY
		DESIGNED BY: DJS DATE: -	
		DRAWN BY: RCB DATE: -	
		CHECKED BY: - DATE: -	

RECORD SET OF DRAWINGS

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CHERRY/SEE/REAMES ARCHITECTS: 4/13/2012 date

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: SITE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	AS101	3 21

SCHEDULE OF SPECIAL INSPECTIONS / VERIFICATIONS

MATERIAL/ACTIVITY	TYPE OF INSPECTION / VERIFICATION	REFERENCE
EARTHWORK		
Site preparation (building)	Field testing and Inspection	Field review, IBC 1704.7.1
Fill placement (building)	Review submittals, field testing and inspection	Field review, IBC 1704.7.2
Fill compaction (building)	In–place density tests	Field review, IBC 1704.7.3
Foundation sub–grade	Field inspection of foundation subgrade prior to placement of concrete	Field review
CONCRETE		
Materials	Review product supplied versus certificates of compliance and mix design	Submittal and Field Review, IBC 1904, 1905.2–1905.4, 1914.2, 1914.3 ACI 318 – Ch 4
Reinforcing steel	Field inspection of placement	Field Review, IBC 1903.5, 1907.1, 1907.7, 1914.4, ACI 318:3.5
Formwork installation	Field inspection	Field Review, IBC 1906, ACI 318:6.1, 6.2
Concreting operations and placement	Field inspection of placement and curing	Field Review, IBC 1905.9, 1905.10, 1914.6, 1914.7, 1914.8; ACI 318:5.9–10
Concrete curing	Field inspection of curing process	Field Review, IBC 1905.11, 1905.13, 1914.9, ACI 318;5.11–13
Concrete strength	Evaluation of concrete strength	Laboratory testing, IBC 1906.2, ACI 318 – 5.6
STRUCTURAL STEEL		
Bolts, nuts, washers	Review certificate of compliance	Submittal & Field Review IBC 1704.3, AISC Bolt Specification Section 2.1
Structural steel	Material identification markings Review certificate of compliance	Submittal & Field Review IBC 1708.4, ASTM A6
Weld filler materials and welder certification	Review certificate of compliance	Submittal & Field Review, AWS D1.1
Welds	Inspection of welds	Field Review, IBC 1704.3.1, AWS, D1.1
Structural details	Inspection of structural details	Field Review, IBC 1704.3.2

GENERAL REQUIREMENTS

1. VERIFICATION. Verify all dimensions, elevations and site conditions before beginning work. Notify Structural Engineer of any discrepancies.
2. CONFLICTS. In case of conflict, notes and details on the Drawings take precedence over General Notes and Typical Details.
3. SUBSTITUTIONS. Do not make any substitutions without prior written approval. Provide manufacturer's approved product evaluation reports (ICC Evaluation Service Reports) and a list of all proposed substitutions to Structural Engineer for review before fabrication.
4. SIMILAR WORK. Where construction details are not shown or noted for any part of the work, such details shall be the same as for similar work shown on the Drawings.
5. PIPES, DUCTS, SLEEVES, CHASES, etc. Do not place pipes, ducts, sleeves, chases or any similar items in slabs, beams, walls or other structural elements without prior written approval. Do not cut any structural element for installation of any item without prior written approval.
6. EXCAVATIONS. Locate and protect underground or concealed conduit, plumbing or other utilities where new work is being performed.
7. CONSTRUCTION LOADS. Distribute materials placed on roofs or framed floors evenly. Do not exceed the allowable loading for supporting members and their connections.
8. CONSTRUCTION METHODS AND PRODUCT SAFETY. Except where specifically noted otherwise, the Structural Drawings represent the finished structure and do not indicate methods, procedures or sequence of construction. Take necessary precautions to maintain the structural integrity of the structure during construction. Neither the Owner nor the Architect/Engineer will enforce safety measures or regulations. The Contractor shall design, construct and maintain all safety devices, including shoring and bracing, and shall be solely responsible for conforming to all local, state and federal safety and health standards, laws and regulations.

STRUCTURAL DESIGN CRITERIA

BUILDING CODE

New Mexico Commercial Building Code – 2009 edition

VERTICAL LOADS

Use or Occupancy	Live Load (1)	Live Load (1)
Roof (2)	30 psf	20 psf
Floors and Stairs on Grade	50 psf	200 psf

Notes:
(1) Uniform load to be applied over the full tributary area of each structural member.
(2) See Framing Plans for concentrated loads from mechanical units, hoists and other equipment.

DESIGN SOIL BEARING PRESSURES

Maximum Vertical Pressures	
Building footings supported on engineered fill	
Full gravity loads	1500 psf
Combined gravity and short–term lateral wind and seismic) loads	2000 psf
Retaining wall footings supported on compacted engineered fill	1500 psf
Lateral Pressures	
Active	32 psf/ft
Passive	
Undisturbed Natural Soils	300 psf/ft
Structural Fill	400 psf/ft
At Rest	60 psf/ft
Coefficient of Friction	0.40

SEISMIC DESIGN CRITERIA

S_S	56.5%
S_1	17.1%
Seismic Importance Factor, I	1.25
Site Class	D
Building height, hn	25 ft
Seismic Numerical Coefficients	
Fa	1.35
Fv	2.12
Seismic Use Group	II
Seismic Design Category	D
Response Modification Factor (R)	5

WIND DESIGN CRITERIA

Basic wind speed (3 sec gust)	90 mph
Exposure Category	C
Importance factor, Iw	1.15
Mean roof height	15 feet
Adjustment Factor for Building Height and Exposure (λ)	1.21
Simplified Design Wind Pressure	P_{S30}
Net Design Wind Pressure	P_{NET30}
Main Wind Force–Resisting system	
Design wind pressure	$P = \lambda I_w P_{S30}$
Components and Cladding	
Design wind pressure	$P = \lambda I_w P_{NET30}$

STRUCTURAL MATERIALS

FILL/BACKFILL MATERIALS

Gradation

Sieve size (square openings)	Percent Passing (by weight)
2 inches	100
No. 4	50 – 100
No. 200	15 – 50

Plasticity Index

Not to exceed 12

CONCRETE

Compressive strength (strength of a standard 4" diameter x 8" cylinder at 28 days):

USE	REQUIRED STRENGTH
Footings, Stem walls	3000 psi
All other uses	4000 psi

Cement: ASTM C150, type ILA or IILA
Fly Ash: ASTM C618, class F
Aggregate: ASTM C33
Admixtures: As approved. Do not use any admixtures containing chlorides.
Entrained air: 4% to 7% by volume in exterior exposed concrete
Nominal unit weight: 145 pcf

CONCRETE REINFORCING

Bars: ASTM A615, deformed, grade 60
Fiber reinforcing: Virgin polypropylene specifically manufactured for use in concrete.

STRUCTURAL AND MISCELLANEOUS STEEL

Wide flange shapes: ASTM A992, Fy = 50,000 psi
Angles, Channels and Plates unless otherwise specified: ASTM A36, Fy = 36, 000 psi
Structural tubes: ASTM A500, grade B, fy = 46,000 psi
Structural pipes: ASTM A53, grade B, fy = 35,000 psi

BOLTS AND NUTS

Steel–to–Steel Connections
Bolts: ASTM A325, type One, tension control
Nuts: ASTM A563, grade C, heavy hexagonal

Other Connections
Bolts: ASTM A307, grade A, hexagonal heads
Nuts: ASTM A563, grade A, hexagonal

GENERAL NOTES - EARTHWORK

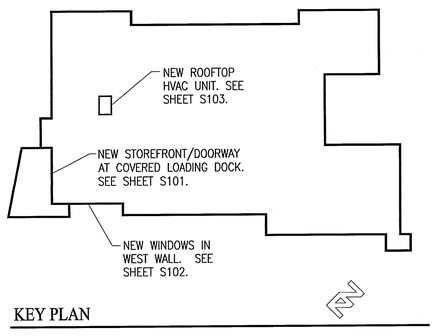
1. GENERAL. Except at footings adjacent to existing construction, footings and slabs on grade shall be placed on engineered fill on prepared subgrade. Footings adjacent to existing con– struction shall be placed on prepared subgrade. Requirements for earthwork, including excavation, fill and backfill, unless specifically contained in these notes or shown on the Structural Drawings shall be in accordance with the 2009 edition of the New Mexico Commercial Building Code.
2. DEMOLITION. Demolish as shown on the Drawings all existing construction required to be removed to permit new construction. Protect existing construction to remain. Repair to the satisfaction of the Architect/Engineer any existing construction which is to remain after project is complete but which is damaged during demolition. Remove from the site and properly dispose of any demolished material except material which is to be retained by the Owner.
3. EXCAVATION AND PROTECTION OF EXCAVATIONS. Remove existing material as required. See drawings for the extent of prepared subgrade and engineered fill/backfill required. Do not undercut existing construction except as specifically shown or noted. Provide positive surface drainage away from excavations and promptly remove any surface water which may enter the excavations. Remove any subgrade material and any previously placed fill or backfill which has been softened or otherwise damaged by moisture. Replace with properly placed and compacted fill or backfill. Slope sides of excavations as shown or, if not shown, as required for slope stability. Provide barricades, lights and warning signs as necessary for the protection of existing property, construction personnel and the public.
4. PREPARATION OF SUBGRADE. After excavations have been completed and/or surface has been cleaned and grubbed, scarify or otherwise loosen the top 12 inches of the subgrade and moisten or dry it as necessary to bring the moisture content to within –/+ 3 percentage of optimum moisture. After required moisture content has been achieved, compact the subgrade to not less than 95% of maximum dry density as determined by ASTM 1557.
5. FILL AND BACKFILL. All fill and backfill material shall be clean, free of organic or frozen matter, and any other unsuitable material, and is to be approved by the Architect/Engineer before use. See listing of STRUCTURAL MATERIALS this sheet for required properties for fill and backfill materials. Site material may be used if it meets the specified material property requirements. If site material does not meet the requirements, use imported materials or a uniform mixture of site and imported materials which do meet the specified requirements.
6. COMPACTION OF FILL AND BACKFILL. Compact fill and backfill to not less than 95% of maximum dry density. Place fill and backfill in layers of uniform thickness not exceeding 6 inches. Perform compaction when the material to be compacted is at its optimum moisture content (plus or minus 2 percentage points). Thoroughly mix water into the soil mass to be compacted so the moisture content of the soil is uniform. Perform compaction using appropriate equipment and methods as necessary to achieve the required density percentages without damage to existing construction. Do not use ponding, flooding, jetting or other similar methods to aid in compaction.
7. QUALITY CONTROL. Determine maximum densities and optimum moisture contents in accordance with ASTM D1557. Determine density of in–place material in accordance with ASTM D1556 or D2922. Determine gradations of materials in accordance with ASTM D422. Determine liquid limits, plastic limits and plasticity indices in accordance with ASTM D4318.

STRUCTURAL ABBREVIATIONS

Abbreviation	Term
A.R.	Anchor Rod
ADJ	Adjacent
A.F.F.	Above Finish Floor
APPROX	Approximate
ARCH	Architect(–ural)
BLKG	Blocking
BP	Base Plate
BM	Beam
B.O.F.	Bottom of Footing
BRG	Bearing
BOTT	Bottom
BTWN	Between
C	Channel
C.I.P.	Cast in Place
CJ	Construction Joint
CMU	Concrete Masonry Unit
CLR	Clear
COL	Column
CONC	Concrete
CONN	Connection
CONST	Construction
CONT	Continuous
CONTR	Contractor
CTR	Center
CJ	Control Joint
CSK	Countersunk
DIAG(L)	Diagonal
DIAM	Diameter
DIM	Dimension
DIST	Distance
DTL	Detail
DWG	Drawing
DWL	Dowel
EA	Each
E.B.	Expansion Bolt
EF	Each Face
EJ	Expansion Joint
EW	Each Way
ELEC	Electrical
ELEV	Elevation
EQUIP	Equipment
EQUIV	Equivalent
EXIST	Existing
EXP	Expansion
EXT	Exterior
FD	Floor Drain
FF	Finish Floor
FIN	Finish
FLR	Floor
FNDN	Foundation
FRMG	Framing
FS	Far Side
FTG	Footing

Abbreviation	Term
GA	Gage
GALV	Galvanized
GLU–LAM	Glue–Laminated
GYP BD	Gypsum Board
HEM–FIR	Hemfir
HORIZ	Horizontal
H.S.B.	High Strength Bolt
H.S.S.	Hollow Structural Section (Tube or Pipe)
HVAC	Heating, Ventilating, and Air Conditioning
I.D.	Inside Diameter
INSUL	Insulation
INV	Invert
INT	Interior
JNT	Joint
JST	Joist
L	Angle
LLH	Long Leg Horizontal
LLV	Long Leg Vertical
LONGIT	Longitudinal
MATL	Material
MAX	Maximum
M.B.	Machine Bolt
M.C.J.	Masonry Control Joint
MECH	Mechanical
MEZZ	Mezzanine
MK	Mark
MIN	Minimum
MISC	Miscellaneous
M.L.	Match Line
M.O.	Masonry Opening
N.I.C.	Not in Contract
NOM	Nominal
N.S.	Near Side
N.T.S.	Not to Scale
OAE	Or Approved Equal
o/c	On Center
O.D.	Outside Diameter
OPNG	Opening
OPP	Opposite

Abbreviation	Term
P.B.	Plain Bolt
PERIM	Perimeter
PERM	Permanent
PERP	Perpendicular
PL	Plate
POS	Positive
PREFAB	Prefabricated
PRELIM	Preliminary
PSF	Pounds per Square Foot
PSI	Pounds per Square Inch
QTR	Quarter
R	Riser (stair)
RAD	Radius
R.D.	Roof Drain
REBAR	Reinforcing Bar
RECT	Rectangular
REF	Reference
REINF	Reinforcing
REQD	Required
REV	Revision
R.O.	Rough Opening
SHT	Sheet
SIM	Similar
SPA	Spaces(–ed)
SQ	Square
STD	Standard
STIFF	Stiffener
STL	Steel
STR	Stringer
STRUCT	Structural
SYMM	Symmetrical
T & B	Top and Bottom
TEMP	Temporary
T.O.C.	Top of Concrete
T.O.P.	Top of Parapet
T.O.S.	Top of Slab
T.O.W.	Top of Wall
TR	Tread (stair)
TRANSV	Transverse
TS	Structural Tube
TYP	Typical
U.O.N.	Unless Otherwise Noted
VERT	Vertical
VOL	Volume
w/, w/o	With, Without
WF	Wide Flange
WP	Working Point
WWF	Welded Wire Fabric



KEY PLAN

CHERRY/SEE/REAMES ARCHITECTS, LLP
220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1278 fax 505 - 766 - 9269

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
BY — DATE
NO.

NO.	REVISIONS / REMARKS	BY	DATE

DESIGN
DESIGNED BY: BCE — DATE: 09/17/2010
DRAWN BY: BCE — DATE: 09/17/2010
CHECKED BY: CEB — DATE: 09/17/2010

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

Bacchus Consulting Engineering
STRUCTURAL ENGINEERS
Albuquerque

CHARLES BACCHUS — NEW MEXICO — 14897 — REGISTERED PROFESSIONAL ENGINEER

STRUCTURAL ENGINEER-OF-RECORD

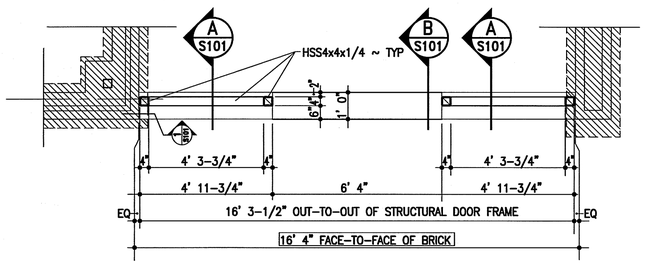
PROJECT TITLE:
CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

DRAWING TITLE:
STRUCTURAL DESIGN CRITERIA, MATERIALS AND GENERAL NOTES

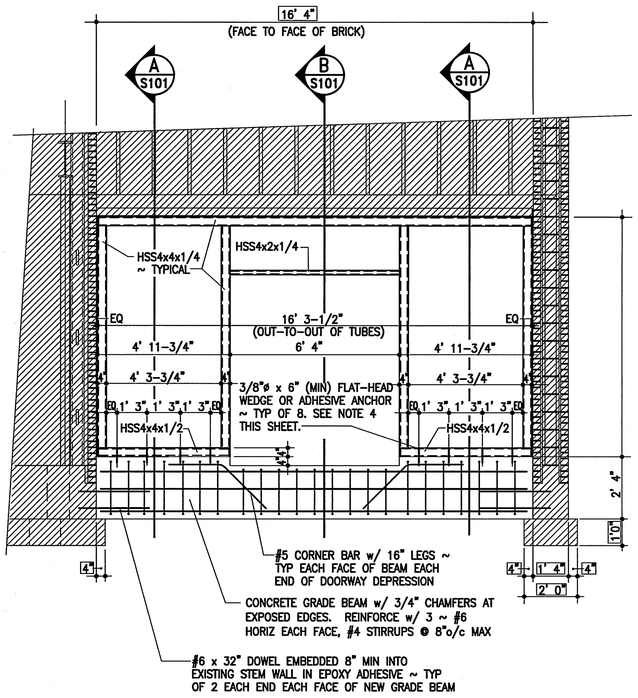
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	Last Design Update	MO/DAY/YR	MO/DAY/YR

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
CITY PROJ #	G-18-Z	S100	4 21

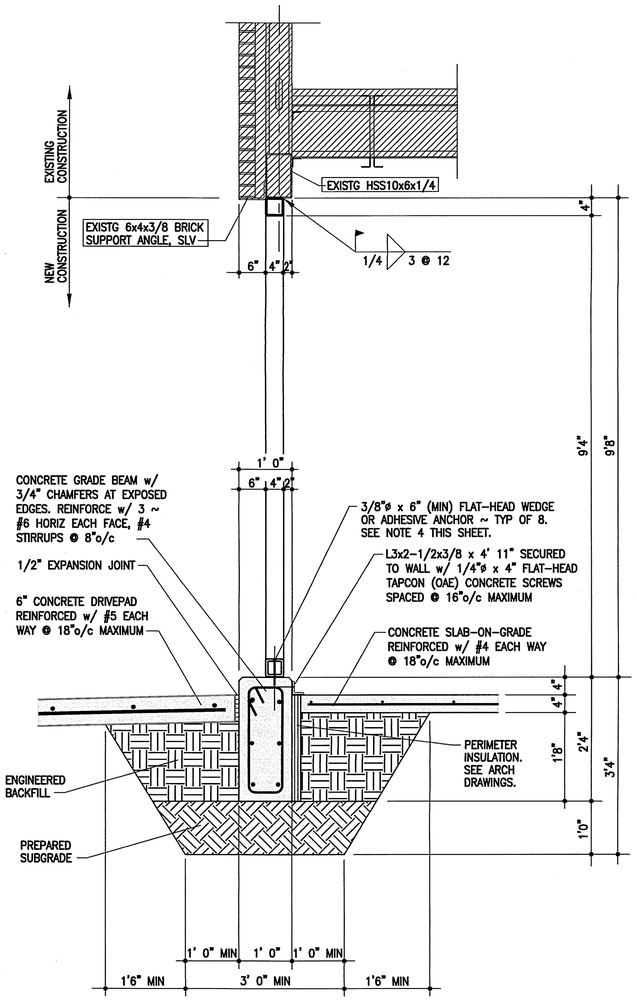
1" = 1"
09/27/2010
BCE2009-011/S100.dwg



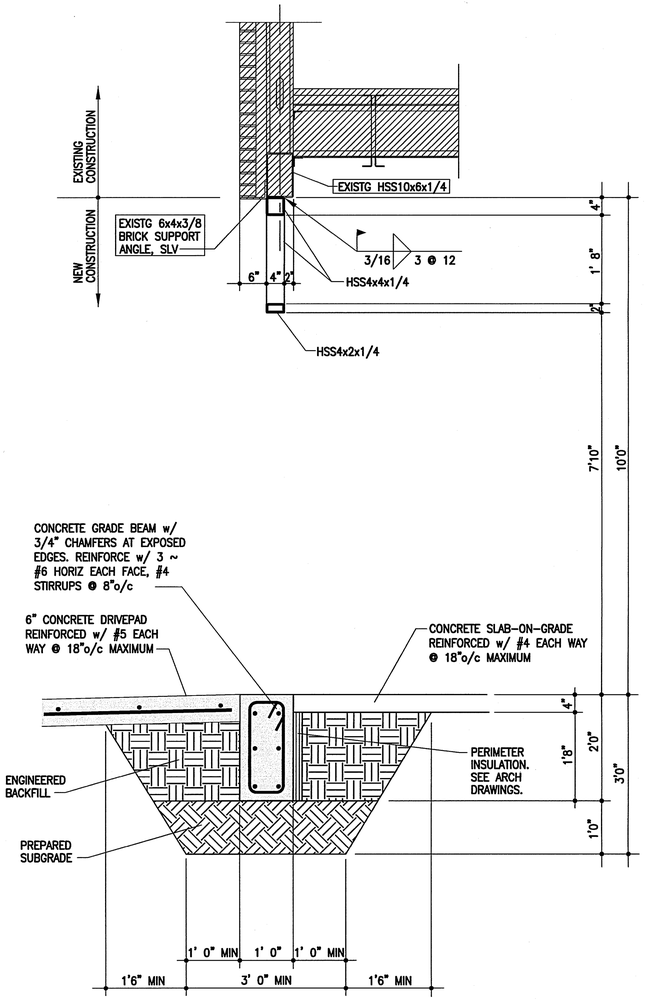
FOUNDATION PLAN ~ NEW DOOR AT LOADING DOCK



STRUCTURAL ELEVATION ~ NEW DOORWAY AT COVERED LOADING DOCK



A S101



B S101

GENERAL NOTES ~ NEW DOORWAY AT COVERED LOADING DOCK

1. EXISTING CONSTRUCTION. NOTES DEFINING EXISTING CONSTRUCTION ARE ENCLOSED IN BOXES OR INCLUDE THE TERM "EXISTG" OR BOTH. DIMENSIONS OF EXISTING CONSTRUCTION ARE CONTAINED IN BOXES. NOTES AND DESCRIPTIONS OF EXISTING CONSTRUCTION WERE TAKEN FROM RECORD DRAWINGS OF THE EXISTING FACILITY. VERIFICATION OF RELEVANT ASPECTS OF EXISTING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. IF THERE SIGNIFICANT DIFFERENCES BETWEEN THE DRAWINGS FOR THIS PROJECT AND THE ACTUAL CONSTRUCTION, THE CONTRACTOR SHALL ISSUE APPROPRIATE REQUESTS FOR INFORMATION (RFIs) AND CEASE WORK IN THE EFFECTED AREA UNTIL DISCREPANCIES HAVE BEEN RESOLVED.
2. GRADE BEAM. THE GRADE BEAM SHALL BE PLACED ON SUBGRADE PREPARED AS NOTED IN THE EARTHWORK NOTES ON SHEET S100. SIDES OF GRADE BEAM SHALL BE FORMED. AFTER REMOVAL OF FORMS, BACKFILL SHALL BE PLACED AND COMPACTED AS NOTED IN THE EARTHWORK NOTES. GRADE BEAM REKINFORCING SHALL BE AS NOTED EXCEPT WHERE THERE MAY BE INTERFERENCE BETWEEN THE GRADE BEAM TIES AND THE ANCHORS CONNECTING THE NEW STEEL FRAME TO THE GRADE BEAM. SEE NOTE 4 BELOW.
3. FABRICATION OF STEEL FRAME. THE STEEL FRAME SHALL BE FABRICATED BY WELDING. PRIOR TO FABRICATION, THE DIMENSIONS OF THE EXISTING OPENING SHALL BE DETERMINED AND ADJUSTMENTS TO THE DIMENSIONS OF THE NEW FRAME BE MADE AS NECESSARY. HORIZONTAL TUBES AT THE TOP AND BOTTOM OF THE FRAME SHALL HAVE END PLATES OF THE SAME THICKNESS AND SIZE AS THE TUBES. WELDS SHALL BE EVEN AND SHALL BE GROUND SMOOTH FLUSH WITH ADJACENT SURFACES WHERE REQUIRED FOR TIGHT FIT OF CLOSURE PANELS AND DOORS OR WHERE WELDS WILL BE VISIBLE AFTER CONSTRUCTION IS COMPLETE.
4. CONNECTION OF STEEL FRAME TO GRADE BEAM. CONNECT THE NEW STEEL FRAME TO THE NEW GREADE BEAM USING FLAT-HEAD WEDGE OR ADHESIVE ANCHORS OF THE SIZE SHOWN AT THE SPACING SHOWN. COORDINATE THE LOCATION OF THE ANCHORS WITH THE LOCATION OF THE STIRRUPS IN THE GRADE BEAM TO AVOID INTERFERENCE. IF NECESSARY, THE STIRRUPS MAY BE MOVED BY NOT MORE THAN 1 INCH IN EITHER DIRECTION ALONG THE LENGTH OF THE GRADE BEAM TO AVOID INTERFERENCE. AFTER ANCHORS HAVE BEEN INSTALLED, GRIND THE TOP SURFACE OF THE ANCHORS TO BE FLUSH WITH THE TOP SURFACE OF THE BOTTOM TUBE OF THE STEEL FRAME.

RECORD SET OF DRAWINGS

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CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

CHERRY/SEE/REAMES ARCHITECTS, LLP
220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1278 fax 505 - 766 - 9269

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
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FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
BY DATE
NO.

REVISIONS / REMARKS
NO. DATE BY

DESIGN
DESIGNED BY BCE DATE: 9/16/2010
DRAWN BY BCE DATE: 9/16/2010
CHECKED BY CEB DATE: 9/16/2010

Bacchus Consulting Engineering
STRUCTURAL ENGINEERS
Albuquerque

CHARLES BACCHUS NEW MEXICO 4897 REGISTERED PROFESSIONAL ENGINEER 4/12/12
STRUCTURAL ENGINEER-OF-RECORD

Project Title:
CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

Drawing Title:
COVERED LOADING DOCK
STRUCTURAL PLAN, ELEVATION AND SECTIONS

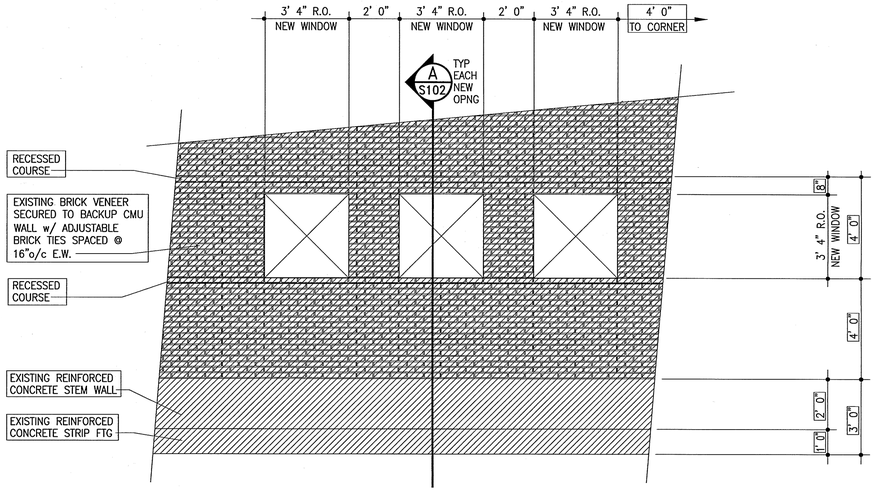
Design Review Committee	City Engineer Approval	Last Design Update	Mo/Day/Yr	Mo/Day/Yr

City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	S101	5 21

3/4" = 1' 0"

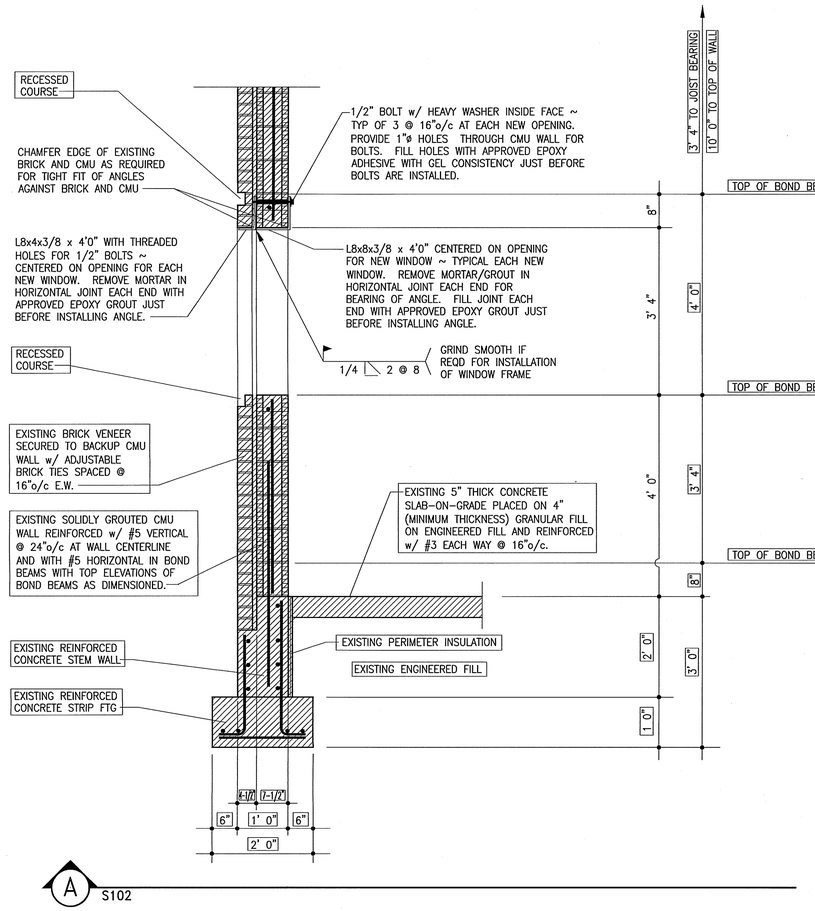
09/16/2010

BCE2009-011/S101.dwg



NOTE: SEE ARCHITECTURAL DRAWINGS FOR DETAILS OF WINDOWS AND WINDOW FRAMES

PARTIAL STRUCTURAL ELEVATION ~ WEST WALL AT NEW WINDOWS



A S102

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1278 fax 505 - 766 - 9269

AS BUILT INFORMATION
CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

BENCH MARKS

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

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FIELD NOTES BY — NO. — DATE

REVISIONS / REMARKS — NO. — DATE — BY

DESIGN
DESIGNED BY BCE — DATE: 09/16/2010
DRAWN BY BCE — DATE: 09/16/2010
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Bacchus Consulting Engineering
STRUCTURAL ENGINEERS
Albuquerque

CHARLES BACCHUS — NEW MEXICO — 9689 — REGISTERED PROFESSIONAL ENGINEER — 4/20/12

STRUCTURAL ENGINEER-OF-RECORD

Project Title:
CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

Drawing Title:
WEST WALL WINDOWS
STRUCTURAL ELEVATION AND SECTIONS

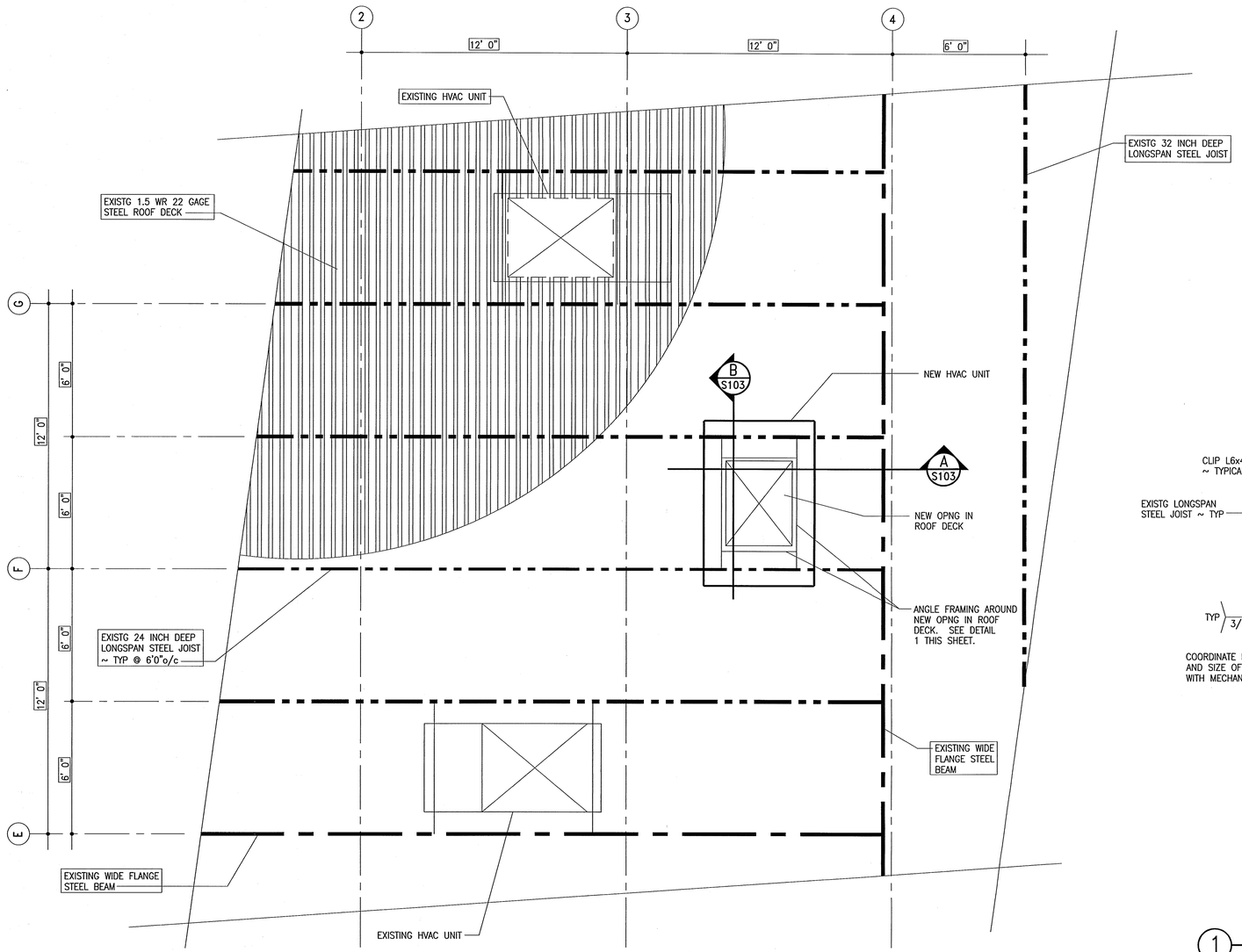
Design Review Committee	City Engineer Approval	Last Design Update	Mo/Day/Yr	Mo/Day/Yr

City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	S102	6 21

3/4" = 1' 0"

09/14/2010

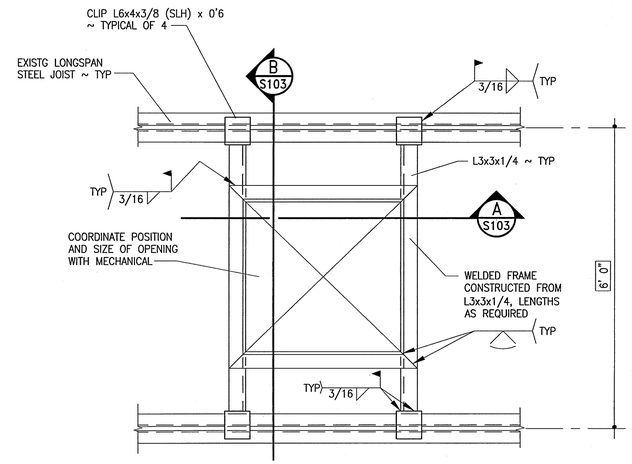
BCE2009-011/S102.dwg



PARTIAL FRAMING PLAN ~ SUPPORT FOR NEW HVAC UNIT

GENERAL NOTES ~ SUPPORT FOR NEW HVAC UNIT

1. EXISTING CONSTRUCTION. NOTES DEFINING EXISTING CONSTRUCTION ARE ENCLOSED IN BOXES OR INCLUDE THE TERM "EXISTG" OR BOTH. DIMENSIONS OF EXISTING CONSTRUCTION ARE CONTAINED IN BOXES. NOTES AND DESCRIPTIONS OF EXISTING CONSTRUCTION WERE TAKEN FROM RECORD DRAWINGS OF THE EXISTING FACILITY. VERIFICATION OF RELEVANT ASPECTS OF EXISTING CONSTRUCTION IS THE RESPONSIBILITY OF THE CONTRACTOR. IF THERE SIGNIFICANT DIFFERENCES BETWEEN THE DRAWINGS FOR THIS PROJECT AND THE ACTUAL CONSTRUCTION, THE CONTRACTOR SHALL ISSUE APPROPRIATE REQUESTS FOR INFORMATION (RFIs) AND CEASE WORK IN THE EFFECTED AREA UNTIL DISCREPANCIES HAVE BEEN RESOLVEED.
2. JOIST CONFIGURATIONS. CONFIGURATIONS OF EXISTING OPEN WEB OR LONGSPAN STEEL JOISTS SHOWN ON THE PROJECT STRUCTURAL DRAWINGS ARE BASED ON INFORMATION CONTAINED IN THE RECORD DRAWINGS OF THE EXISTING CONSTRUCTION OR ON STANDARDS OF THE STEEL JOIST INSTITUTE. IF THERE ARE DIFFERENCES BETWEEN THE CONFIGURATIONS SHOWN ON THE PROJECT STRUCTURAL DRAWINGS AND THE ACTUAL CONFIGURATIONS, IT MAY BE NECESSARY TO MAKE ADJUSTMENTS TO SOME OF THE DETAILS SHOWN ON THE PROJECT STRUCTURAL DRAWINGS. IF SUCH DIFFERENCES ARE FOUND, THE CONTRACTOR SHALL ISSUE A REQUEST FOR INFORMATION (RFI) AND CEASE WORK IN THE EFFECTED AREA UNTIL THE DISCREPANCIES HAVE BEEN RESOLVED.
3. COORDINATION. PRIOR TO BEGINNING STRUCTURAL MODIFICATIONS, THE CONTRACTOR SHALL CONSULT WITH THE MECHANICAL ENGINEER AND/OR THE MECHANICAL SUBCONTRACTOR TO DETERMINE THE EXACT SIZES AND LOCATION OF THE NEW HVAC UNIT. ANY SIGNIFICANT DISCREPANCIES SHALL BE RESOLVED PRIOR TO BEGINNING STRUCTURAL WORK.
4. SHORING. PRIOR TO MAKING MODIFICATIONS TO EXISTING STRUCTURAL ELEMENTS, THE CONTRACTOR SHALL SHORE AND JACK THE TWO EXISTING JOISTS AS REQUIRED TO PROVIDE A CAMBER OF 1 TO 1–1/2 INCHES AT THE CENTERLINE OF THE JOIST SPAN. PROVIDE SHORING AND JACKING WHICH WILL ACHIEVE THE REQUIRED CAMBER WITHOUT DAMAGE TO ANY STRUCTURAL OR OTHER ELEMENTS. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR SUCH DAMAGE AS REQUIRED BY AND TO THE SATISFACTION OF THE ARCHITECT/ENGINEER.



EXISTG ROOF DECK NOT SHOWN. SECURE TO NEW ANGLES WITH 1/2"ø PUDDLE WELDS OR 1/4" SELF-DRILLING SCREWS AT EACH VALLEY AND AT 6'o/c ALONG LENGTH OF VALLEYS.

1 S103

RECORD SET OF DRAWINGS

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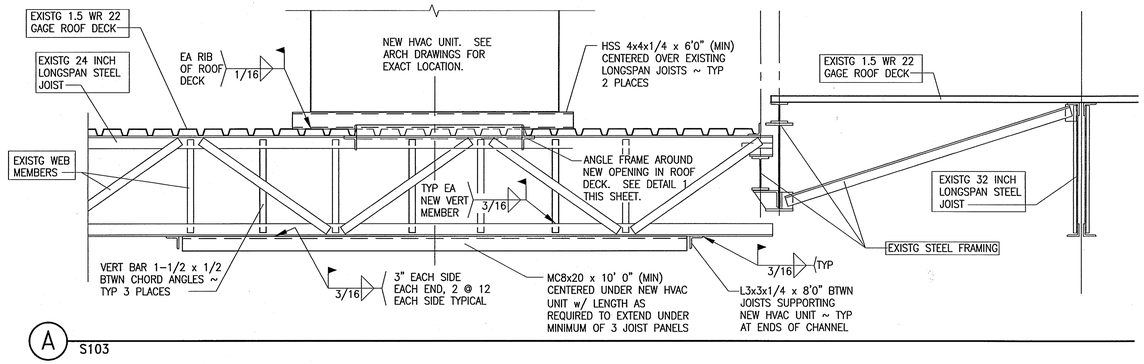
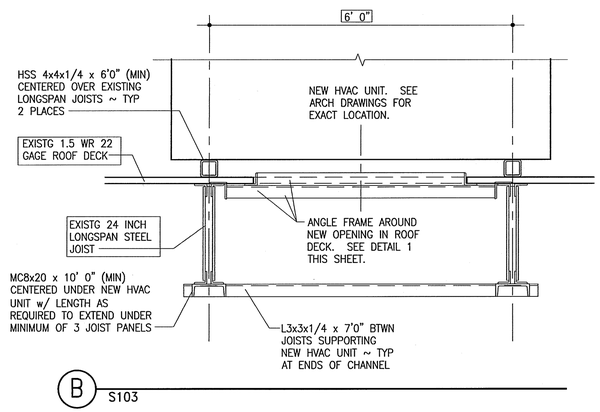
CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date



A S103



B S103

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WORK STAKED BY DATE
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
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MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES BY DATE
NO.

NO.	REVISIONS / REMARKS	BY	DATE
	DESIGN		DATE: 9/16/2010
		DESIGNED BY	BCE DATE: 9/16/2010
		DRAWN BY	BCE DATE: 9/16/2010
		CHECKED BY	CEB DATE: 9/16/2010

Bacchus Consulting Engineering
STRUCTURAL ENGINEERS
Albuquerque

CHARLES BACCHUS NEW MEXICO 14897 REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL ENGINEER-OF-RECORD

Project Title:
CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

Drawing Title: NEW ROOFTOP HVAC UNIT SUPPORT STRUCTURAL PLAN AND DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo/Day/Yr	Mo/Day/Yr

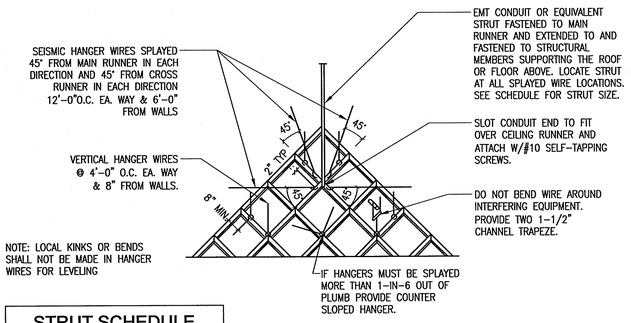
City Project No. 7168.03 | Zone Map No. G-18-Z | Sheet S103 | 7 Of 21

BCE2009-011/S101.dwg 08/27/2010 1" = 1' 0"

TYPICAL LAY-IN CEILING RESTRAINING WIRES AND VERTICAL STRUTS

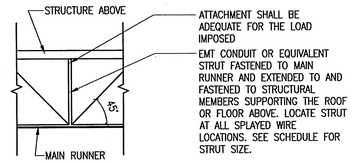
1. VERTICAL HANGERS – SUSPENSION WIRES SHALL NOT BE SMALLER THAN NO. 12 GAUGE SPACED AT 4' O.C. OR NO. 10 GAUGE SPACED AT 5'O.C. ALONG EACH MAIN RUNNER. EACH VERTICAL WIRE SHALL BE ATTACHED TO THE CEILING SUSPENSION MEMBER AND TO THE SUPPORT ABOVE WITH A MINIMUM OF THREE TURNS. ANY CONNECTION DEVICE AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 100 POUNDS. SUSPENSION WIRES SHALL NOT HANG MORE THAN THAN 1–IN–6 OUT OF PLUMB UNLESS COUNTER SLOPING WIRES ARE PROVIDED. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. A TRAPEZE OR EQUIVALENT DEVICE SHALL BE USED WHERE OBSTRUCTIONS PRECLUDE DIRECT SUSPENSION. TRAPEZE SUSPENSIONS SHALL BE A MINIMUM OF BACK–TO–BACK 1–1/4" COLD–ROLLED CHANNELS FOR SPANS EXCEEDING 48".
2. PERIMETER HANGERS – THE PERIMETER ENDS OF EACH CROSS RUNNER AND MAIN RUNNER SHALL BE SUPPORTED INDEPENDENTLY A MAXIMUM OF 8" FROM EACH WALL OR CEILING DISCONTINUITY WITH NO. 12 GAUGE WIRE OR APPROVED WALL SUPPORT. THESE WIRES SHALL NOT HANG MORE THAN 1–IN–6 OUT –OF–PLUMB AND MUST BE CONNECTED TO AN ADJACENT WALL OR TO THE STRUCTURE ABOVE.
3. LATERAL FORCE BRACING – WHERE DESIGN CALCULATIONS BY A STRUCTURAL ENGINEER ARE NOT PROVIDED, HORIZONTAL RESTRAINTS SHALL BE EFFECTED BY FOUR NO. 12 GAUGE WIRES SECURED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER INTERSECTION AND SPLAYED 90° FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANE OF THE CEILING. A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. THE STRUT SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12' ON CENTER IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 6' FROM EACH WALL. ATTACHMENT OF THE RESTRAINT WIRES TO THE STRUCTURE ABOVE SHALL BE ADEQUATE FOR THE LOAD IMPOSED. LATERAL FORCE BRACING MEMBERS SHALL: BE SPACED A MINIMUM OF 6" FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WITH A SAFETY FACTORS OF 2, WHICHEVER IS GREATER.
4. PERIMETER MEMBERS – WALL ANGLES OR CHANNELS SHALL BE CONSIDERED AS AESTHETIC CLOSURES AND SHALL HAVE NO STRUCTURAL VALUE ASSESSED TO THEM OR THEIR METHOD OF ATTACHMENT TO THE WALLS. ENDS OF MAIN RUNNERS AND CROSS MEMBERS SHALL BE TIED TOGETHER TO PREVENT THEM FROM SPREADING.
5. ATTACHMENT OF MEMBERS TO THE PERIMETER – TO FACILITATE INSTALLATION, MAIN RUNNERS AND CROSS RUNNERS MAY BE ATTACHED TO THE PERIMETER MEMBER AT TWO ADJACENT WALLS WITH CLEARANCE BETWEEN THE WALL AND THE RUNNERS MAINTAINED AT THE OTHER TWO WALLS.

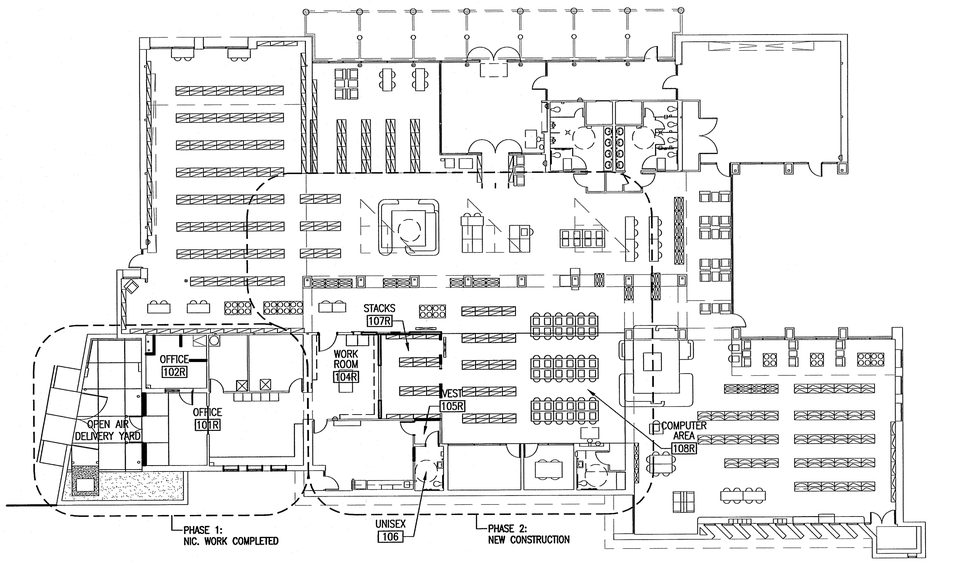
NOTE: DRAWINGS ARE NOT TO SCALE



STRUT SCHEDULE	
EMT SIZE (NOMINAL)	LENGTH (L/r ≤ 200)
1/2"	≤ 3'–10"
3/4"	≤ 5'–0"
1"	≤ 6'–6"
1 1/4"	≤ 8'–6"
1 1/2"	≤ 9'–10"

EMT – ELECTRICAL METALLIC TUBING

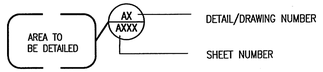




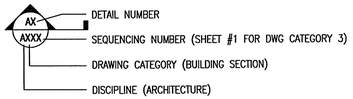
KEY PLAN

SCALE: 1/16"=1'-0"

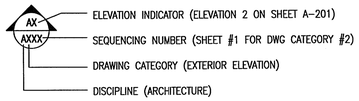
DETAIL SYMBOL



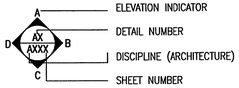
SECTION SYMBOL



EXTERIOR ELEVATION SYMBOL



INTERIOR ELEVATION SYMBOL



COLUMN / GRID LINE CALLOUT

XX VERTICAL CALLOUTS ARE LETTERS

XX HORIZONTAL CALLOUTS ARE NUMERICAL

VERTICAL DATUM REFERENCE

XXX
00'–00" — REFERENCE ELEVATION

CENTERLINE SYMBOL

℄

ROOM/SPACE IDENTIFICATION

NAME
ROOM
XXX — ROOM NUMBER

WINDOW IDENTIFICATION

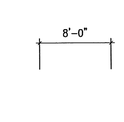
X — WINDOW/FRAME TYPE

NORTH ARROW

MATCH LINE AND DIRECTION LABEL

SIDE A ◄ MATCH LINE ► SIDE B

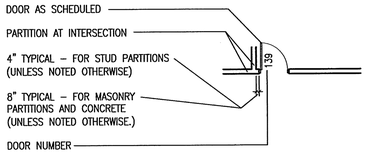
DIMENSION SYMBOL (ORIENTATION)



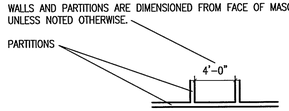
DIMENSION CRITERIA

FOR OPENING IN PARTITION WALL

1. WHEN ONE OCCURS AT A COLUMN OR GRIDLINE, NO DIMENSIONS WILL BE SHOWN ON THE PLANS. THE OPENING WIDTH WILL BE ESTABLISHED BY EITHER CRITERIA OR SCHEDULES.
2. WHEN NEITHER JAMB OCCURS AT A PARTITION INTERSECTION, AT A COLUMN OR AT A GRIDLINE; ONE JAMB WILL BE LOCATED DIMENSIONALLY BY THE DETAIL.
3. WHEN ONE JAMB IS LOCATED BY A PARTITION INTERSECTION, THE FOLLOWING DIAGRAM APPLIES.



WALLS AND PARTITIONS ARE DIMENSIONED FROM FACE OF MASONRY OR STUDS UNLESS NOTED OTHERWISE.



WALL TYPE

W–# — WALL TYPE IDENTIFICATION

DOOR NUMBER

131A — ROOM/SPACE IDENTIFICATION (ROOM NUMBER)

ARCHITECTURAL ABBREVIATIONS

AHU	AIR HANDLING UNIT
ALT	ALTERNATE
BOB	BOTTOM OF BEAM
BOSS	BOTTOM OF STRUCTURAL STEEL
BOWD	BOTTOM OF WINDOW
BRG EL	BEARING ELEVATION
CL	CENTER LINE
CJ	CONTROL JOINT
COMP	COMPUTER ROOM
CONC	CONCRETE
CUST	CUSTODIAN'S ROOM
DF	DRINKING FOUNTAIN
EJ	EXPANSION JOINT
ELEC	ELECTRICAL ROOM
ELEV	ELEVATOR
EWC	ELECTRIC WATER COOLER
EXT	EXTERIOR
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FF or FIN FL	FINISH FLOOR ELEVATION
GA	GAGE
GALV	GALVANIZED
GYP BD	GYPSUM BOARD
HM	HOLLOW METAL
JST BRG	JOIST BEARING
KIT	KITCHEN
MECH	MECHANICAL ROOM
MTL	METAL
NO	NUMBER
OC	ON CENTER
OTD	OPEN TO DECK
PT	PRESSURE TREATED
REINF	REINFORCING
RH	ROOF HATCH
SIM	SIMILAR
SIM OPP	SIMILAR, OPPOSITE HAND
SS	STAINLESS STEEL
STL	STEEL
STOR	STORAGE
TH	THRESHOLD
TOJ	TOP OF JOIST
TOS	TOP OF SILL
TOSS	TOP OF STRUCTURAL STEEL
TOB	TOP OF BEAM
TOW	TOP OF WALL
TOWD	TOP OF WINDOW
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VEST	VESTIBULE

GENERAL PROJECT NOTES

1. THE GENERAL CONTRACTOR SHALL BRING ANY AND ALL DISCREPANCIES BETWEEN THE DRAWINGS AND SPECIFICATIONS TO THE IMMEDIATE ATTENTION OF THE ARCHITECT.
2. THE CONTRACTOR IS REQUIRED TO COMPLETELY FAMILIARIZE HIMSELF WITH THE ENTIRE SET OF PROJECT DRAWINGS, PROJECT MANUAL, SITE AND CONDITIONS. FAILURE TO ASCERTAIN WORK THAT MAY BE REQUIRED BY INFORMATION SHOWN ON OTHER SHEETS INCLUDING CIVIL, LANDSCAPE, STRUCTURAL, ARCHITECTURAL, PLUMBING, MECHANICAL AND ELECTRICAL SHEETS, ETC. WILL NOT BE ACCEPTABLE GROUNDS FOR ADDITIONAL COMPENSATION.
3. DURING THE OPERATIONS UNDER THIS CONTRACT THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT ANY AND ALL EXISTING IMPROVEMENTS THAT ARE TO REMAIN, INCLUDING VEGETATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL ITEMS DAMAGED DURING THE COURSE OF WORK UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING EQUIPMENT AFFECTING THE WORK UNDER THIS CONTRACT BEFORE BEGINNING WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.
5. THE CONTRACTOR AND ALL SUB–CONTRACTORS SHALL ASSUME THAT ALL UTILITY LINES ON THE SITE ARE LIVE UNTIL AND UNLESS THE CONTRACTOR HAS DETERMINED OTHERWISE.
6. APPROPRIATE PLACEMENT OF THE CONSTRUCTION STAGING AREA WILL BE REVIEWED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. DIMENSIONS AT NEW CONSTRUCTION ARE TO FACE OF STUD, UNLESS STATED OTHERWISE.
7. DIMENSIONS AT ALL EXISTING FEATURES ARE TO FACE OR EDGE OF FINISHED SURFACE.
8. INFORMATION ON EXISTING ITEMS SHOWN IN THESE DRAWINGS ARE BASED UPON THE ORIGINAL CONSTRUCTION DRAWINGS FOR THE PROJECT AND ARE PROVIDED AS A COURTESY TO THE CONTRACTOR. THE ARCHITECT BEARS NO RESPONSIBILITY FOR ANY INCORRECT INFORMATION OR LOCATIONS OF EXISTING ITEMS SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY INFORMATION AND LOCATION OF OBJECTS CRITICAL TO THE WORK PRIOR TO COMMENCING WORK.
9. THE LIBRARY IS TO REMAIN OPEN TO THE PUBLIC FOR AS MUCH OF THE CONSTRUCTION PERIOD AS POSSIBLE. THE CONTRACTOR IS TO SCHEDULE ACTIVITIES WHICH ARE NOISY OR DISRUPTIVE TO LIBRARY PATRONS EARLY IN THE DAY, PREFERABLY BEFORE OPENING. THE OWNER SHOULD BE MADE AWARE, IN ADVANCE, OF ANY SCHEDULING CONFLICT WHICH PREVENTS THE ABOVE FROM BEING POSSIBLE, SO THAT IT CAN BE PLANNED FOR. PROVIDE DUST BARRIERS.
10. ALL BOOKS WILL BE REMOVED BY OWNER FROM ANY SHELVING TO BE MOVED.
11. REFERENCE CITY STANDARD SPECS FOR PROJECT COMPLETION.
12. ALL CONSTRUCTION ACTIVITIES NEED TO COMPLY WITH OSHA 29 CFR 1926, SAFETY AND HEALTH REGULATION FOR CONSTRUCTION.

REFERENCE KEYED NOTES

10 1100.A03 — DIVISION; KEYED NOTE DESIGNATION; SPECIFICATION SECTION NUMBER

KEYED NOTES

(1) — SEE KEYED NOTE 1 ON SAME SHEET FOR ITEM BEING POINTED TO.

MATERIALS LEGEND

- EARTH
- CONCRETE
- BRICK IN PLAN ON STUD WALL
- BRICK IN ELEVATION
- STUCCO
- STEEL
- RIGID INSULATION IN SECTION
- BLANKET INSULATION
- BUILT UP ROOF AND INSULATION IN SECTION
- GYPSUM BOARD IN SECTION
- WOOD GRAIN

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS: 9/13/2012 date

CHERRY/SEE/REAMES ARCHITECTS, LLP
220 gold avenue sw albuquerque, nm 87102
505 - 842 - 1278 fax 505 - 766 - 9269

AS BUILT INFORMATION — CONTRACTOR DATE: — WORK STAKED BY DATE: — INSPECTOR'S APPROVAL DATE: — FIELD VERIFICATION BY DATE: — DRAWING CORRECTED BY DATE:

BENCH MARK

SURVEY INFORMATION FIELD NOTES — NO. / BY / DATE

MICRO–FILM INFORMATION — RECORDED BY DATE: — NO.

REVISIONS/REMARKS — NO. DATE BY

DESIGNED BY: DJS DATE: –
DRAWN BY: RCB DATE: –
CHECKED BY: – DATE: –

STATE OF NEW MEXICO — TINA M. CREAMER — NO. 3772 — REGISTERED ARCHITECT — 5/19/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: GENERAL INFORMATION DRAWING INDEX

Design Review Committee	City Engineer Approval	Last Design Update	NO./DAT/YR.	NO./DAT/YR.

City Project No.	Zone Map No.	Sheet
7168.03	G-18-Z	A001 8 Of 21

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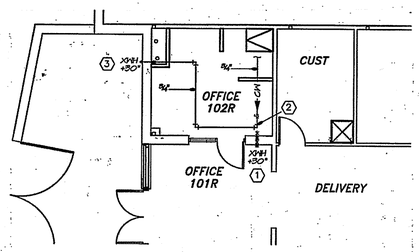
Addendum #1
Exhibit L



PARTIAL FLOOR PLAN - PLUMBING

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

KEYNOTES

1. REMOVE EXISTING HOSE BIBB AND ASSOCIATED PIPING THRU WALL TO ABOVE CEILING AS INDICATED BY 'X'. PATCH WALL AS DIRECTED BY THE ARCH. HOSE BIBB TO BE REINSTALLED IN NEW LOCATION AS SHOWN.
2. CONNECT NEW PIPING TO EXISTING AT THIS APPROXIMATE LOCATION AND EXTEND AS SHOWN TO NORTH WALL ABOVE THE CEILING.
3. DROP PIPING DOWN THE SURFACE OF THE WALL TO 30" AFG. EXTEND THRU THE WALL AND INSTALL THE HOSE BIBB AS SHOWN.

HNE
HARMEYER NELLOS ENGINEERING
MECHANICAL CONSULTING FOR BUILDING SYSTEMS
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ALBUQUERQUE, NEW MEXICO 87106
(505) 888-5808

ERNA FERGUSON LIBRARY MODIFICATIONS
DRAWN BY: HNE
CHECKED BY: HNE
DATE: 10/14/10
SKETCH NUMBER:

SK P-101.01

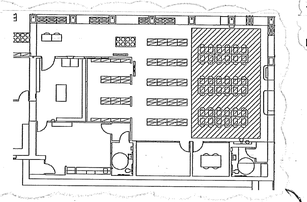
DANIEL E. HARMEYER NEW MEXICO 14485 REGISTERED PROFESSIONAL ENGINEER
10/14/10

Move hose bibb located in the southeast corner of Covered Delivery 101 to outside wall of building. Relocate to exterior north wall of Storage 102/Office 102R. Patch gyp board wall in Storage 102/Office 102R to match existing after hose bibb has been relocated. Refer to partial plumbing floor plan, SK P-101.01, this sheet.
Per Phase 1, Addendum #1

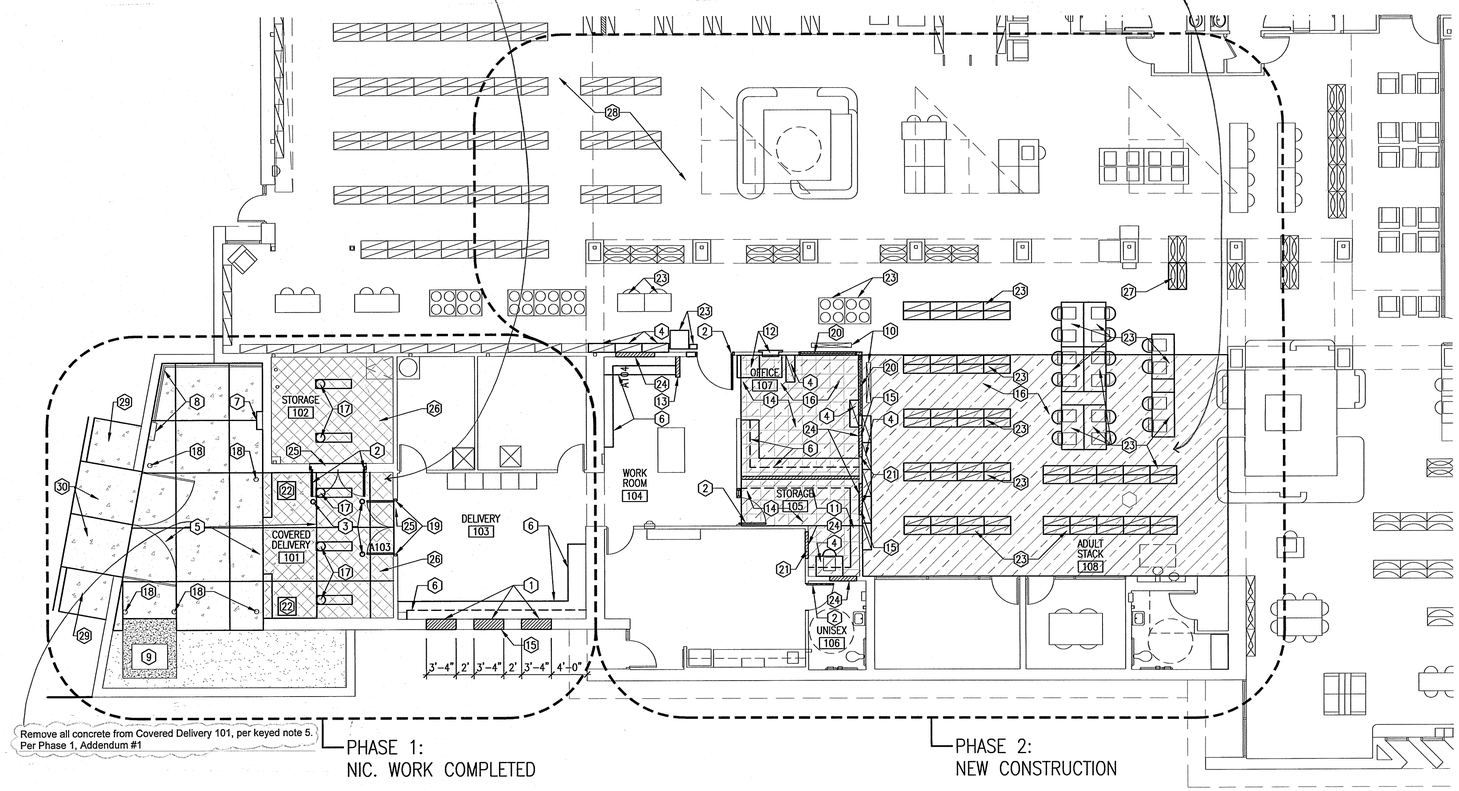
1. Either remove or cut existing bolts from the new computers area. Refer to hatched area in sketch to the right. If bolts are removed, the existing concrete subfloor should be patched to be smooth and flush with adjacent subfloor. If bolts are cut, the remaining portion of the bolts should be smooth and level with the existing concrete subfloor.

Note: The bolts under the bookcases which will eventually be reinstalled in their original locations are to remain.

Per Phase 2, CO #3, PR #3



19. Remove doors. Doors and hardware to be reused at new location. Frame to remain. Protect during demolition and construction. Disconnect alarm systems, to be reused.
Per Phase 1, Addendum #1



Remove all concrete from Covered Delivery 101, per keyed note 5.
Per Phase 1, Addendum #1

PHASE 1:
NIC. WORK COMPLETED

PHASE 2:
NEW CONSTRUCTION

DEMOLITION FLOOR PLAN

A1
A010

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

KEYED NOTES

1. CUT OUT INTERIOR FURRED OUT GYPSUM BOARD WALL AS REQUIRED. SAW CUT THE NEW OPENING. INSTALL A NEW STEEL FRAME AND REMOVE THE CMU AND BRICK FOR NEW WINDOW. SEE STRUCTURAL DRAWINGS.
2. REMOVE DOOR AND FRAME.
3. REMOVE CONCRETE FILLED BOLLARDS. CLEAN AND REUSE.
4. REMOVE FURNITURE. RETURN FURNITURE IN GOOD CONDITION TO OWNER.
5. REMOVE CONCRETE IN SHADED AREAS. NEW, RE-GRADED, CONCRETE WILL BE POURED. SAW-CUT EXISTING AS REQUIRED.
6. REMOVE SHELVING OR CASEWORK. AT TIME OF REMOVAL, COORDINATE WITH OWNER WHETHER THE REMOVED MATERIAL IS TO BE DISPOSED OF OR SALVAGED TO THE OWNER FOR FUTURE USE. REMAINING WALL TO BE REFINISHED AND TEXTURED TO MATCH ADJACENT CONDITIONS.
7. ELECTRICAL PANEL TO REMAIN. PANEL TO BE PROTECTED DURING DEMOLITION AND RE-POURING OF ADJACENT CONCRETE.
8. GAS METER AND PIPING TO REMAIN. METER AND PIPING TO BE PROTECTED DURING DEMOLITION AND RE-POURING OF ADJACENT CONCRETE.
9. TRANSFORMER TO REMAIN. TRANSFORMER TO BE PROTECTED DURING DEMOLITION AND RE-POUTING OF ADJACENT CONCRETE.
10. MECHANICAL FLOOR REGISTERS TO BE REMOVED. AIR DUCTS TO BE PROTECTED AND KEPT FREE OF DUST DURING DEMOLITION AND CONSTRUCTION. GRIND TO FLOOR DUCT DOWN AS REQUIRED, SO REGISTERS LAY FLUSH WITH FLOOR.
11. SHELVING AND WALL BRACKETS TO BE CAREFULLY REMOVED FOR EVENTUAL RE-USE IN THE PROJECT.
12. REMOVE BOOK DROP AND STORE FOR EVENTUAL REUSE IN PROJECT. BOOK CARTS TO REMAIN AT THE LOCATION OF THE BOOK DROP, WHILE IT IS IN USE.
13. WALL TO BE REMOVED. AT FORMER WALL JOINT, SURFACE TO BE LEVEL WITH EXISTING WALL AND PREPPED FOR FINISH MATERIAL.
14. REMOVE LAY-IN CEILING, GRID AND LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR INDICATION OF LIGHT FIXTURES TO BE SAVED FOR RE-INSTALLATION. SUPPORT JOISTS ABOVE WHEN CUTTING NEW WALL OPENINGS KEYED NOTE 24.
15. SUPPORT JOISTS AT BEARING WALL WHILE CUTTING NEW OPENINGS.
16. REMOVE CARPET IN SHADED AREA. REMAINING CARPET TO BE CUT IN SUCH A WAY AS TO BE READY TO RECEIVE NEW CARPET, WITH SMOOTH TRANSITION.
17. REMOVE LIGHT FIXTURES.
18. REMOVE CONCRETE BOLLARDS. REINSTALL BOLLARDS IN SAME LOCATION. SEE FLOOR PLAN, SHEET A101.
19. ~~REMOVE DOORS AND FRAME. DOOR AND HARDWARE TO BE REUSED AT NEW LOCATION. PROTECT DURING DEMOLITION AND CONSTRUCTION. DISCONNECT ALARM SYSTEMS, TO BE REUSED.~~
20. REMOVE WINDOW AND FRAME.
21. SUPPORT JOISTS.
22. EXHAUST VENT TO BE REMOVED. EXHAUST TO BE DAY-LIT AT ROOF.
23. MOVE FURNITURE AND STORE ON-SITE FOR LATER USE IN PROJECT. GENERAL CONTRACTOR IS RESPONSIBLE FOR MOVING AND RE-BOLTING STACKS IN NEW LOCATION. LIBRARY STAFF IS RESPONSIBLE FOR MOVING AND STORING BOOKS.
24. CUT WALL FOR NEW OPENING. SUPPORT WALL AND JOISTS DURING DEMOLITION AND CONSTRUCTION IF REQUIRED. CUT OUT TILE AT NEW DOOR OPENING.
25. REMOVE THRESHOLD AND REPAIR SLAB.
26. HARD CEILING IN SHADED AREA TO BE REMOVED. PREPARE REMAINING SURFACES TO RECEIVE NEW 2'X2' LAY-IN CEILING SYSTEM.
27. REMOVE UNITS. RELOCATE END PANEL TO REMAINING UNITS. COORDINATE WITH LIBRARY.
28. REFER TO REFLECTED CEILING PLAN, SHEET A102, AND MECHANICAL PLANS FOR AREA OF CEILING GRID AND TILES TO BE REMOVED FOR INSTALLATION OF NEW MECHANICAL DUCTS. TILES AND GRID ARE TO BE STORED FOR EVENTUAL REINSTALLATION IN SAME LOCATION, ONCE MECHANICAL WORK IS COMPLETE.
29. REMOVE SIDEWALK AND CURB SLOPING DOWN TO THE CURB CUT.
30. REMOVE SIDEWALK AND CURB AT DRIVE.

GENERAL PURPOSE OF PROJECT

TO PROVIDE SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS. DUE TO BUDGET CONSTRAINTS, THIS PURPOSE IS TO BE ACCOMPLISHED IN TWO PHASES. THERE ARE CURRENTLY 16 PUBLIC ACCESS COMPUTERS. THESE RENOVATIONS WILL ADD ANOTHER 20 STATIONS FOR A TOTAL OF 36 STATIONS.

THESE DRAWINGS CONTAIN WORK FOR BOTH PHASE 1 AND PHASE 2 OF THE PROJECT. WORK FOR PHASE 2 TO BE COMPLETED AS PART OF THIS CONTRACT. PHASE 1 WORK IS NOT IN CONTRACT AND HAS ALREADY BEEN COMPLETED.

PHASE 1
PURPOSE OF PHASE 1: TO ENCLOSE EXISTING, EXTERIOR DELIVERY SPACE FOR DELIVERY AND SORTING; REMODEL EXISTING STORAGE ROOM INTO OFFICE SPACE; AND REMODEL EXISTING SORTING AREA INTO WORK SPACE AND WORK STATIONS AND OTHER WORK NOTED IN PHASE 1 ON THE DRAWINGS.

1. ADD KALWALL AND RELOCATED DOOR TO COVERED DELIVERY TO ENCLOSE.
2. REMOVE DOOR A103 BETWEEN COVERED DELIVERY 101 AND DELIVERY 103. BECOMES OFFICE 101R AND OFFICE 103R. TO BE USED FOR DELIVERY, BOOK SORTING AND OTHER WORK ROOM TASKS.
3. CHANGE STORAGE 102 TO OFFICE 102R WITH 2 WORK STATIONS. USE FURNITURE, NOT BUILT-IN CASEWORK.
4. CUT 3 NEW WINDOWS IN OFFICE 103R. NEW TOP FOR CASEWORK.
5. REPAIR FINISHES AND PAINT
6. REWORK DRAINAGE OF SERVICE YARD
7. RELOCATE OFFICE FUNCTIONS INTO OFFICE 102R AND OFFICE 103R IN PREPARATION FOR PHASE II.
8. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. EXISTING COVERED DELIVERY 101 WILL BECOME AN ENCLOSED SPACE.
9. INSULATE WEST WALL OF ROOM 101R.

PHASE 2
PURPOSE OF PHASE 2: TO RELOCATE OFFICE FUNCTIONS OUT OF OFFICE 107 TO ALLOW RELOCATION OF STACKS INTO THAT AREA WHICH FREES UP SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS AND OTHER WORK NOTED IN PHASE 2 ON THE DRAWINGS.

1. REWORK VESTIBULE ENTRY TO RESTROOM
2. MOVE DOOR A104 NORTH
3. REMOVE PORTIONS OF LOAD-BEARING WALL BETWEEN STACKS 107R AND PUBLIC AREA TO ALLOW ENTRY TO STACKS 107R.
4. NEW PARTIAL PARTITION TO CLOSE OFF WORK ROOM 104R FROM STACKS 107R
5. RELOCATE STACKS FROM PUBLIC AREA INTO STACKS 107R.
6. ADD COMPUTER TABLES, SEATS, AND COMPUTERS
7. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. A NEW HVAC UNIT AND SUPPLY WILL BE ADDED. STRUCTURAL IS REQUIRED FOR NEW LINTELS IN LOAD-BEARING WALL.

GENERAL SHEET NOTES

1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.
2. CONTRACTOR TO REMOVE AND PROPERLY DISPOSE OF ALL TRASH AND DEBRIS FROM THE BUILDING AND THE SITE. AFTER COMPLETION OF WORK, CONTRACTOR SHALL THOROUGHLY CLEAN UP ALL WORK AREAS.
3. DURING THE OPERATIONS UNDER THIS CONTRACT THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT ALL IMPROVEMENTS AND EXISTING CONDITIONS THAT ARE TO REMAIN. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL ITEMS DAMAGED DURING THE COURSE OF WORK UNDER THE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE NECESSARY SHUT OFF OF EXISTING ELECTRICAL CIRCUITS AND OTHER UTILITIES AS MAY BE REQUIRED TO SAFELY COMPLETE THE WORK OF THIS CONTRACT.
5. SOME, BUT NOT ALL, MECHANICAL AND ELECTRICAL ITEMS ARE SHOWN ON THESE SHEETS. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF ALL WALLS, PARTITIONS, FLOORS, CEILINGS AND OTHER STRUCTURES AND FEATURES DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING, NOT SHOWN, TO PROVIDE SUPPORT PRIOR TO INSTALLATION OF PERMANENT STRUCTURAL OR SUPPORT ELEMENTS.
7. MOVE ELECTRICAL CONDUIT OUTLETS, LIGHTS, ETC. AS REQUIRED FOR NEW OPENINGS.
8. IN AREAS WHERE SUSPENDED CEILING SYSTEMS ARE OPENED FOR WORK UNDER THIS CONTRACT, INSTALL CODE COMPLYING SEISMIC TIES BETWEEN THE CEILING GRID SYSTEM AND THE STRUCTURE ABOVE. INSTALL CODE COMPLYING SAFETY WIRES BETWEEN ALL FOUR CORNERS OF LIGHT FIXTURES AND THE STRUCTURE ABOVE.
9. AT WALLS WITH CLOSED OR NEW OPENINGS, REFINISH THE GYPSUM BOARD AROUND THE NEW OR CLOSED OPENING. TEXTURE TO MATCH EXISTING AND PAINT THE FULL LENGTH OF THE WALL TO THE NEXT PERPENDICULAR WALL ON EACH END. AFTER THE REPAIRS HAVE BEEN COMPLETED, NO VISIBLE REPAIRS SHALL REMAIN.
10. THE DEMOLITION AND CONSTRUCTION WORK AT THE LIBRARY IS TO BE DONE IN SUCH A WAY THAT THE BOOK SORTING ROOM RETAINS ITS FUNCTION FOR THE MAXIMUM AMOUNT OF TIME. WHEN THIS ROOM IS NOT FUNCTIONING, THE LIBRARY WILL BE CLOSED TO THE PUBLIC. AT ALL OTHER TIMES, THE LIBRARY WILL BE OPEN TO THE PUBLIC, AND DEMOLITION AND CONSTRUCTION AREAS ARE TO BE FENCED OFF FOR SAFETY. PROVIDE DUST CONTROL TO REMAINING AREAS OF THE LIBRARY.
11. KEEP DIRT AND CONSTRUCTION DEBRIS FROM ENTERING DUCTS DURING DEMOLITION AND CONSTRUCTION.
12. DISTURBED EXISTING CONSTRUCTIONS SHALL BE PATCHED, REPAIRED AND/OR REPLACED TO RETURN TO ORIGINAL CONDITION. NEW CONSTRUCTION ADJACENT TO EXISTING CONSTRUCTION TO MATCH EXISTING IN ALL RESPECTS AS APPLICABLE UNLESS NOTED OTHERWISE. WHEN WALLS OR OTHER ITEMS ARE REMOVED, REPAIR FLOOR, WALL AND CEILING AREAS WHERE THE ITEM HAS BEEN REMOVED TO THE POINT WHERE THEY ARE READY TO RECEIVE THE FINAL FINISH WITHOUT A NOTICEABLE TRANSITION. WHERE EXISTING WALLS ARE REMOVED, PATCH AND REPAIR THE SUBFLOOR TO A LEVEL CONDITION.
13. THE WALL MATERIALS SHOWN ARE ASSUMED TO BE ACTUAL WALL MATERIALS. NO REPRESENTATION IS MADE AS TO THE CONSISTENCY OF WALL MATERIALS. THE CONTRACTOR SHALL INSPECT ALL AREAS PRIOR TO BIDDING.
14. REMOVE ALL USABLE CARPET IN SPECIFIED AREAS. DISCARD OR RECYCLE UNUSABLE CARPET AS APPROPRIATE.
15. THE CONTRACTOR AND THE MECHANICAL AND ELECTRICAL SUB CONTRACTORS MUST VISIT THE SITE PRIOR TO BIDDING TO DETERMINE THE EXTENT OF DEMOLITION. ALL ELECTRICAL AND MECHANICAL ITEMS LOCATED IN FLOORS, WALLS AND CEILINGS ARE TO BE REMOVED AS PART OF BASE BID.
16. SAW CUT CONCRETE TO BE REMOVED.
17. WHERE ALARMS NEED TO BE RELOCATED, THE CONTRACTOR MUST COORDINATE WITH THE OWNER'S ALARM SERVICE.
18. NO OVERHEAD DEMOLITION OR CONSTRUCTION WILL BE ALLOWED IN OCCUPIED SPACES WITHOUT PRIOR COA RISK MANAGEMENT APPROVALS.

LEGEND

- EXISTING WALL TO REMAIN
- WALL TO BE REMOVED
- CONCRETE TO BE REMOVED, REGRADED & REPLACED
- CARPET TO BE REMOVED AND REPLACED
- LAY-IN CEILING TO BE REMOVED
- CONCRETE FILLED BOLLARD TO BE REMOVED
- FURNITURE TO BE REMOVED AND STORED
- HARD CEILING TO BE REMOVED

RECORD SET OF DRAWINGS
This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.
CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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SURVEY INFORMATION — AS BUILT INFORMATION
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FIELD NOTES — CONTRACTOR DATE:
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CHECKED BY: -

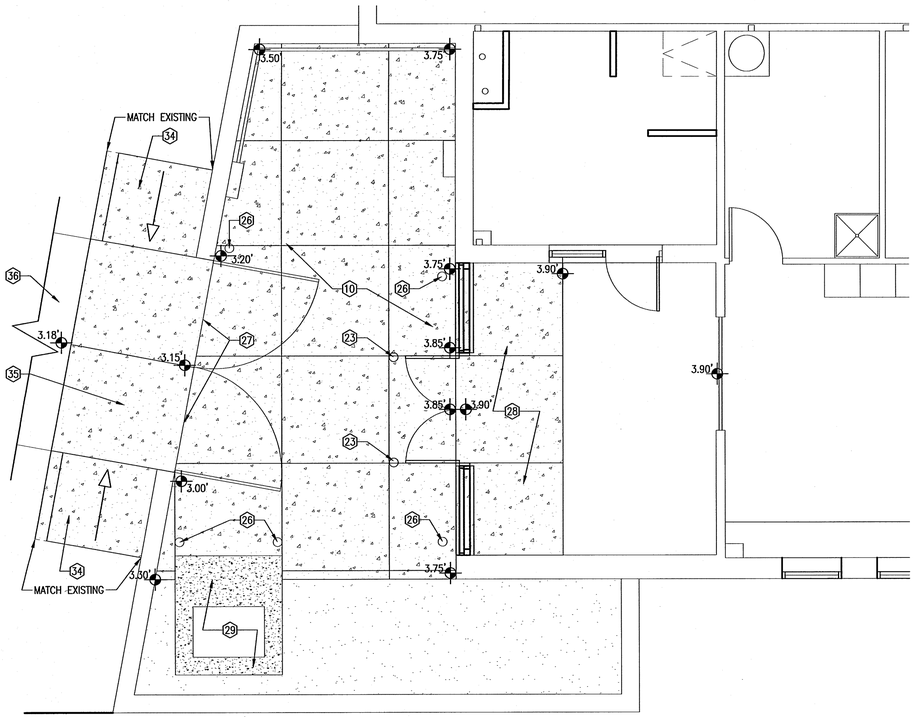
STATE OF NEW MEXICO TINA M. REAMES NEW MEXICO 3772 REGISTERED ARCHITECT
5/19/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: DEMOLITION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet
7168.03	G-18-Z	A010 9 Of 21



C1 / A101 ENLARGED FLOOR PLAN

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

Add pony walls between each bay of computer desks in Computer Area 108R. Refer to sheet RS-3, PR #2, Sketch #1 for more information. Per Phase 2, PR #2

Provide a 2-1/2" furr-out at the east and west walls of the north section of Office 101R. Furr-out extends to new steel frame of new Kalwall wall, on both sides. Install 5/8" Type 'X' gyp board, texture and paint in order to have a smooth transition between the new furr-out and existing adjacent walls. On west wall, provide rigid insulation between the studs over the extent of the wall. It is no longer necessary to drill 3/8" holes at 4'-0" OC as called out in KN 30, sheet A101. Move the thermostat which is drawn on the south wall of the space to the east wall, centered between the door and the south wall. Per Phase 1, WO #1, PR #1

Extend 'New Concrete' hatch to wall in middle of Office 101R. Per Phase 1, Addendum #1

PHASE 1: NIC. WORK COMPLETED

PHASE 2: NEW CONSTRUCTION

A1 / A101 FLOOR PLAN

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

KEYED NOTES

1. INSTALL NEW DOOR AND FRAME.
2. NEW COMPUTER TABLE AND CHAIRS. NIC.
3. INFILL OLD DOOR, WINDOW OR BOOK DROP OPENING WITH 25 GAUGE METAL STUDS @ 16" O.C., COVERED WITH GYPSUM BOARD ON BOTH SIDES. MATCH WALL THICKNESS.
4. INSTALL SALVAGED SHELVING AND WALL BRACKETS FROM STORAGE 105.
5. INSTALL NEW WINDOW, FRAME AND SILL.
6. INSTALL NEW CARPET IN SHADED AREA. NEW CARPET TO MATCH EXISTING.
7. INSTALL 2-3/4" KALWALL PANELS ON DARK BRONZE INSULATED METAL FRAME TO ENCLOSE EXISTING COVERED DELIVERY 101.
8. INSTALL SALVAGED COMPUTER DESKS AND CHAIRS IN NEW CONFIGURATION.
9. NEW BUILT-IN CASEWORK.
10. POUR NEW 6" CONCRETE SLAB WITH #5 AT 18" OC EW OVER RE-GRADED AND COMPACTED AREAS WHERE CONCRETE HAS BEEN REMOVED. BROOM FINISH. SEE GENERAL SHEET NOTE 18.
11. PATCH, TEXTURE AND PAINT WALL TO MATCH EXISTING FINISH. TAKE CARE TO MAINTAIN FIRE RATED ASSEMBLIES AS NECESSARY, WHERE SUCH RATED ASSEMBLIES OCCUR.
12. RELOCATE EXISTING BOOK DROP. PROVIDE NEW 1X4 SELECT OAK TRIM AROUND BOOK DROP IN NEW LOCATION, IN PLACE OF EXISTING METAL FRAME. MATCH FINISH TO EXISTING BASE TRIM. REFER TO DETAIL ON SHEET A401.
13. INSTALL NEW DOOR, SIDELIGHT AND FRAME.
14. INSTALL SALVAGED DOOR FROM A103 LOCATION IN NEW LOCATION AT A101. PROVIDE NEW FRAME.
15. NEW WHITE MELAMINE SHELVING ON KV HEAVY-DUTY BRACKETS AND STANDARDS. SEE SHEET A401.
16. INSTALL DATA AND POWER STRIP ALONG WALL. DATA AND POWER STRIP CAN BE SURFACE MOUNTED. SEE ELECTRICAL.
17. INSTALL NEW 25 GAGE STEEL STUDS @ 16" OC FLOOR TO DECK. PROVIDE STUD WIDTH TO MATCH WALL. PROVIDE 5/8" TYPE 'X' GYPSUM BOARD ON BOTH SIDES. TAPE & TEXTURE TO MATCH WALL.
18. STACKS TO BE MOVED TO NEW LOCATION OR RETURNED TO PREVIOUS LOCATION AND SECURED IN PLACE.
19. PROVIDE TRANSITION STRIP.
20. ~~PROVIDE ACCESS PANEL TO PIPES IN WALL. FIELD VERIFY HEIGHT.~~
21. REPLACE FLOOR REGISTERS WITH A MORE STRUCTURALLY SOUND REGISTER. SET REGISTERS LEVEL WITH FLOOR. GRIND DUCT OR CONCRETE AS REQUIRED TO LEVEL REGISTER. SEE MECHANICAL.
22. POUR CONCRETE STEM WALL.
23. REUSE CONCRETE FILLED BOLLARD. PAINT.
24. REPLACE TILE AT REMOVED DOOR. MATCH PATTERNS AND COLORS AS CLOSELY AS POSSIBLE.
25. REPAIR CONCRETE AT REMOVED THRESHOLD. MAKE SURFACE LEVEL AND SMOOTH WITH ADJACENT ROOMS.
26. REPLACE SALVAGED CONCRETE BOLLARDS. PAINT.
27. RAISE SIDEWALK AND CURB TO MATCH NEW GRADES.
28. NEW FLOOR 4" CONCRETE SLAB WITH #4'S AT 18" OC EW ON COMPACTED EARTH. MATCH EXISTING FLOOR ELEVATION. TROWEL SMOOTH.
29. EXISTING TRANSFORMER AND SLAB TO REMAIN.
30. DRILL 3/8" HOLES AT 4'-0" OC IN THE MORTAR JOINTS OVER THE EXTENT OF THE INDICATED BRICK WALL. FILL AIR GAP WITH FOAM INSULATION. REFILL DRILLED HOLES WITH MORTAR TO MATCH ADJACENT.
31. PROVIDE EXTERIOR SIGN AT GATE. SIGN TO READ: THIS GATE TO REMAIN OPEN DURING BUSINESS HOURS.
32. EXISTING GATE TO REMAIN. THE CONTRACTOR SHALL DRILL APPROPRIATELY SIZED HOLES IN THE REGRADED CONCRETE SLAB TO RECEIVE DROP PINS IN THE GATES CLOSED AND FULLY OPENED LOCATIONS.
33. PROVIDE NEW PANEL SIGN OVER RE-LOCATED BOOK DROP. SIGN TO READ: BOOK & MEDIA RETURN. SIGN TO MATCH EXISTING PANEL SIGNS IN BUILDING.
34. NEW 4" CONCRETE SIDEWALK AND CURB.
35. NEW 6" DRIVE PAD AT OPENING.
36. SLOPE EXISTING ASPHALT RAMP UP .20 OF A FOOT TO MEET THE NEW SIDEWALK.
37. RELOCATE ROOF DRAIN IF REQUIRED. OFFSET ABOVE AND BELOW WINDOW TO USE EXISTING WALL SCUPPER.

20. Provide low 12" x 12" access panel on the west side of the furr-out and high 18' x 18" access panel on the south side of the furr-out. Field verify heights of access panels. Per Phase 1, Addendum #1

38. Fill hinge holes of existing frame. Paint to match existing. Per Phase 1, Addendum #1

GENERAL PURPOSE OF PROJECT

TO PROVIDE SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS. DUE TO BUDGET CONSTRAINTS, THIS PURPOSE IS TO BE ACCOMPLISHED IN TWO PHASES. THERE ARE CURRENTLY 16 PUBLIC ACCESS COMPUTERS. THESE RENOVATIONS WILL ADD ANOTHER 20 STATIONS FOR A TOTAL OF 36 STATIONS.

THESE DRAWINGS CONTAIN WORK FOR BOTH PHASE 1 AND PHASE 2 OF THE PROJECT. WORK FOR PHASE 2 TO BE COMPLETED AS PART OF THIS CONTRACT. PHASE 1 WORK IS NOT IN CONTRACT AND HAS ALREADY BEEN COMPLETED.

PHASE 1
PURPOSE OF PHASE 1: TO ENCLOSE EXISTING, EXTERIOR DELIVERY SPACE FOR DELIVERY AND SORTING; REMODEL EXISTING STORAGE ROOM INTO OFFICE SPACE; AND REMODEL EXISTING SORTING AREA INTO WORK SPACE AND WORK STATIONS AND OTHER WORK NOTED IN PHASE 1 ON THE DRAWINGS.

1. ADD KALWALL AND RELOCATED DOOR TO COVERED DELIVERY TO ENCLOSE.
2. REMOVE DOOR A103 BETWEEN COVERED DELIVERY 101 AND DELIVERY 103. BECOMES OFFICE 101R AND OFFICE 103R. TO BE USED FOR DELIVERY, BOOK SORTING AND OTHER WORK ROOM TASKS.
3. CHANGE STORAGE 102 TO OFFICE 102R WITH 2 WORK STATIONS. USE FURNITURE, NOT BUILT-IN CASEWORK.
4. CUT 3 NEW WINDOWS IN OFFICE 103R. NEW TOP FOR CASEWORK.
5. REPAIR FINISHES AND PAINT
6. REWORK DRAINAGE OF SERVICE YARD
7. RELOCATE OFFICE FUNCTIONS INTO OFFICE 102R AND OFFICE 103R IN PREPARATION FOR PHASE II.
8. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. EXISTING COVERED DELIVERY 101 WILL BECOME AN ENCLOSED SPACE.
9. INSULATE WEST WALL OF ROOM 101R.

PHASE 2
PURPOSE OF PHASE 2: TO RELOCATE OFFICE FUNCTIONS OUT OF OFFICE 107 TO ALLOW RELOCATION OF STACKS INTO THAT AREA WHICH FREES UP SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS AND OTHER WORK NOTED IN PHASE 2 ON THE DRAWINGS.

1. REWORK VESTIBULE ENTRY TO RESTROOM
2. MOVE DOOR A104 NORTH
3. REMOVE PORTIONS OF LOAD-BEARING WALL BETWEEN STACKS 107R AND PUBLIC AREA TO ALLOW ENTRY TO STACKS 107R.
4. NEW PARTIAL PARTITION TO CLOSE OFF WORK ROOM 104R FROM STACKS 107R
5. RELOCATE STACKS FROM PUBLIC AREA INTO STACKS 107R.
6. ADD COMPUTER TABLES, SEATS, AND COMPUTERS
7. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. A NEW HVAC UNIT AND SUPPLY WILL BE ADDED. STRUCTURAL IS REQUIRED FOR NEW LINTELS IN LOAD-BEARING WALL.

GENERAL SHEET NOTES

1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.
2. CONTRACTOR TO REMOVE AND PROPERLY DISPOSE OF ALL TRASH AND DEBRIS FROM THE BUILDING AND THE SITE. AFTER COMPLETION OF WORK, CONTRACTOR SHALL THOROUGHLY CLEAN UP ALL WORK AREAS.
3. DURING THE OPERATIONS UNDER THIS CONTRACT THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO PROTECT ALL IMPROVEMENTS AND EXISTING CONDITIONS THAT ARE TO REMAIN. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY AND ALL ITEMS DAMAGED DURING THE COURSE OF WORK UNDER THE CONTRACT AT NO ADDITIONAL COST TO THE OWNER.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE NECESSARY SHUT OFF OF EXISTING ELECTRICAL CIRCUITS AND OTHER UTILITIES AS MAY BE REQUIRED TO SAFELY COMPLETE THE WORK OF THIS CONTRACT.
5. SOME, BUT NOT ALL, MECHANICAL AND ELECTRICAL ITEMS ARE SHOWN ON THESE SHEETS. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF ALL WALLS, PARTITIONS, FLOORS, CEILINGS AND OTHER STRUCTURES AND FEATURES DURING DEMOLITION AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING, NOT SHOWN, TO PROVIDE SUPPORT PRIOR TO INSTALLATION OF PERMANENT STRUCTURAL OR SUPPORT ELEMENTS.
7. MOVE ELECTRICAL CONDUIT OUTLETS, LIGHTS, ETC. AS REQUIRED FOR NEW OPENINGS. ALL NEW CONDUIT, WIRING, ETC. IS TO BE HIDDEN, UNLESS NOTED OTHERWISE.
8. IN AREAS WHERE SUSPENDED CEILING SYSTEMS ARE OPENED FOR WORK UNDER THIS CONTRACT, INSTALL CODE COMPLYING SEISMIC TIES BETWEEN THE CEILING GRID SYSTEM AND THE STRUCTURE ABOVE. INSTALL CODE COMPLYING SAFETY WIRES BETWEEN ALL FOUR CORNERS OF LIGHT FIXTURES AND THE STRUCTURE ABOVE.
9. AT WALLS WITH CLOSED OR NEW OPENINGS, REFINISH THE GYPSUM BOARD AROUND THE NEW OR CLOSED OPENING. TEXTURE TO MATCH EXISTING AND PAINT THE FULL LENGTH OF THE WALL TO THE NEXT PERPENDICULAR WALL ON EACH END. AFTER THE REPAIRS HAVE BEEN COMPLETED, NO VISIBLE REPAIRS SHALL REMAIN.
10. THE DEMOLITION AND CONSTRUCTION WORK AT THE LIBRARY IS TO BE DONE IN SUCH A WAY THAT THE BOOK SORTING ROOM RETAINS ITS FUNCTION FOR THE MAXIMUM AMOUNT OF TIME. WHEN THIS ROOM IS NOT FUNCTIONING, THE LIBRARY WILL BE CLOSED TO THE PUBLIC. AT ALL OTHER TIMES, THE LIBRARY WILL BE OPEN TO THE PUBLIC, AND DEMOLITION AND CONSTRUCTION AREAS ARE TO BE FENCED OFF FOR SAFETY. PROVIDE DUST CONTROL TO REMAINING AREAS OF THE LIBRARY.
11. KEEP DIRT AND CONSTRUCTION DEBRIS FROM ENTERING DUCTS DURING DEMOLITION AND CONSTRUCTION.
12. DIMENSIONS REQUIRED FOR HANDICAPPED ACCESSIBILITY ARE CRITICAL.
13. WALL LOCATIONS MAY BE ADJUSTED BY THE CONTRACTOR TO MISS JOIST LOCATIONS AT PLUMBING. NOTIFY ARCHITECT BEFORE MAKING ANY CHANGE.
14. SEE SPECIFICATIONS FOR EQUIPMENT SCHEDULE.
15. OWNER TO INSTALL NEW COMPUTER TABLES AND CHAIRS IN PROVIDED CONFIGURATION, UNLESS NOTED OTHERWISE. NEW TABLES AND CHAIRS TO MATCH EXISTING.
16. WHERE SHELVING CASEWORK, ETC. HAS BEEN REMOVED, PATCH, RETEXTURE AND REPAINT THE FULL WIDTH OF THE WALL.
17. AT THE NORTH LOADING DOCK, REMOVE EXISTING CONCRETE AND POUT NEW 6" CONCRETE SLAB, BROOM FINISH.
18. AT NEW DOOR OPENINGS, REPLACE FLOOR FINISHES TO MATCH THE FLOOR COVERING ON EACH SIDE OF THE DOOR. TRANSITION MATERIAL CHANGES AT DOORS.
19. AT ALL NEW SLABS, COMPACT GRADE TO 95% MODIFIED PROCTOR.

WALL TYPES

W-1 4" 25 GAGE STUDS @ 16" OC WITH 5/8" TYPE 'X' GYP BD ON BOTH SIDES RUNNING FROM THE FLOOR TO THE ROOF DECK

LEGEND

- EXISTING WALL TO REMAIN
- NEW WALL
- NEW WINDOW
- NEW CARPET TO MATCH EXISTING
- NEW CONCRETE

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

Add new door and sidelight in the Entry Lobby to section off the Entry 200 space from the Vestibule 201 space which leads to the southern Meeting Room 202, for security purposes. (Entry Lobby space not shown on this plan. See G-101 for complete building plan). Provide new Tubelite 4500 door and sidelight system as shown in Attachments #1 & #3, on sheet RS-1. Per Phase 1, WO #1, PR #2

For added scope, refer to Partial Floor Plan and notes, Exhibit R, on sheet RS-2. Per Phase 1, Addendum #1

Paint Colors used:
Pigeon Gray DE6214 – at door frame in the middle of Office 101R, and at door to the adjacent custodial closet.
Black Bean DE6385 – at new restroom vestibule door frames and doors A101 (at Kalwall frame).
Whisper DEW340 – Interior wall color at offices and restrooms / vestibules.
Per Phase 1, ASI #1

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SURVEY INFORMATION
FIELD NOTES

NO.	DATE	BY

AS BUILT INFORMATION
BENCH MARK

	DATE:	BY
CONTRACTOR		
WORK STAKED BY	DATE:	
INSPECTOR'S APPROVAL	DATE:	
FIELD VERIFICATION BY	DATE:	
DRAWING CORRECTED BY	DATE:	

MICRO-FILM INFORMATION

	DATE:	BY
RECORDED BY		
NO.		

REVISIONS/REMARKS

NO.	DATE	BY

DESIGNED BY: DJS DATE: –
DRAWN BY: RCB DATE: –
CHECKED BY: – DATE: –

STATE OF NEW MEXICO
TINA M. REAMES
NO. 3772
REGISTERED ARCHITECT
5/13/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: FLOOR PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	A101	10 21

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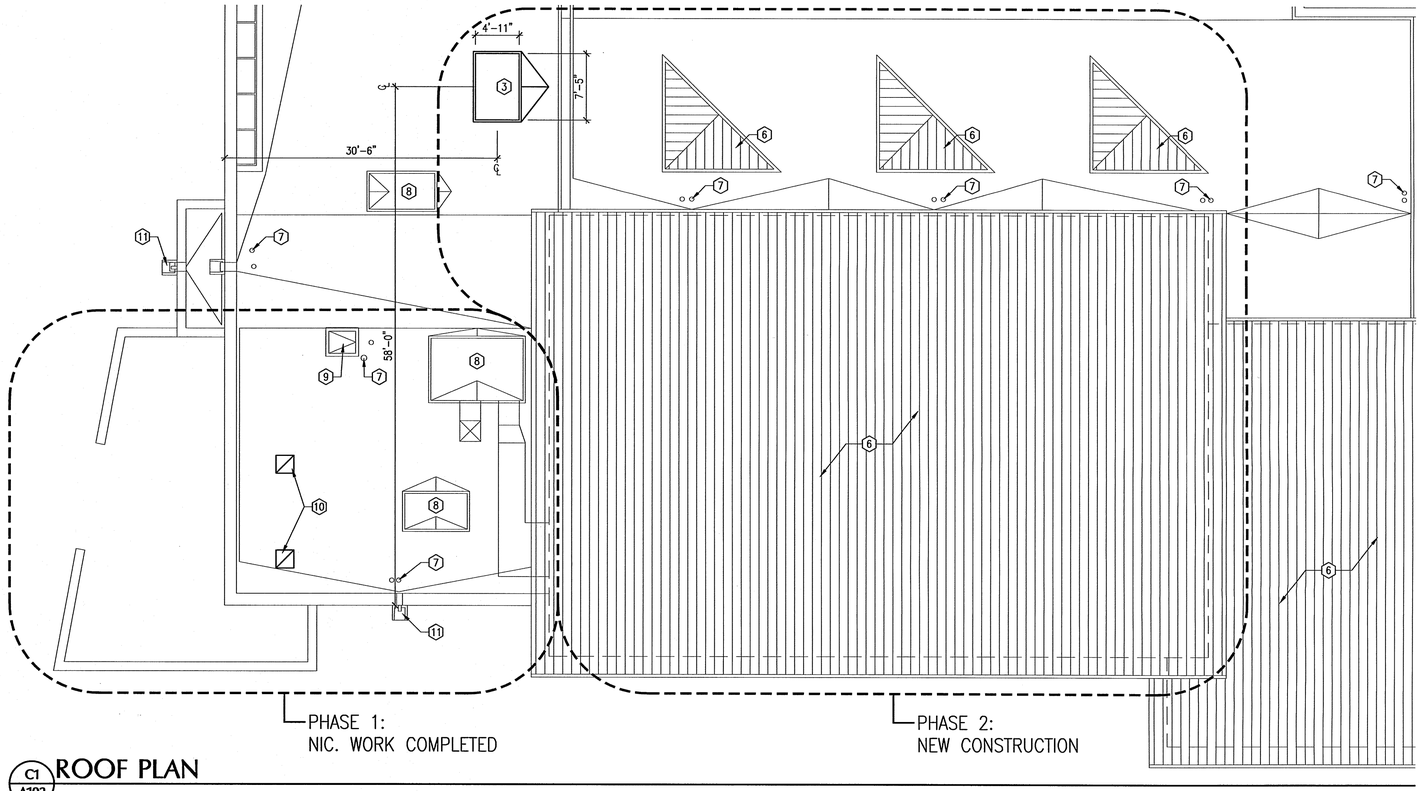
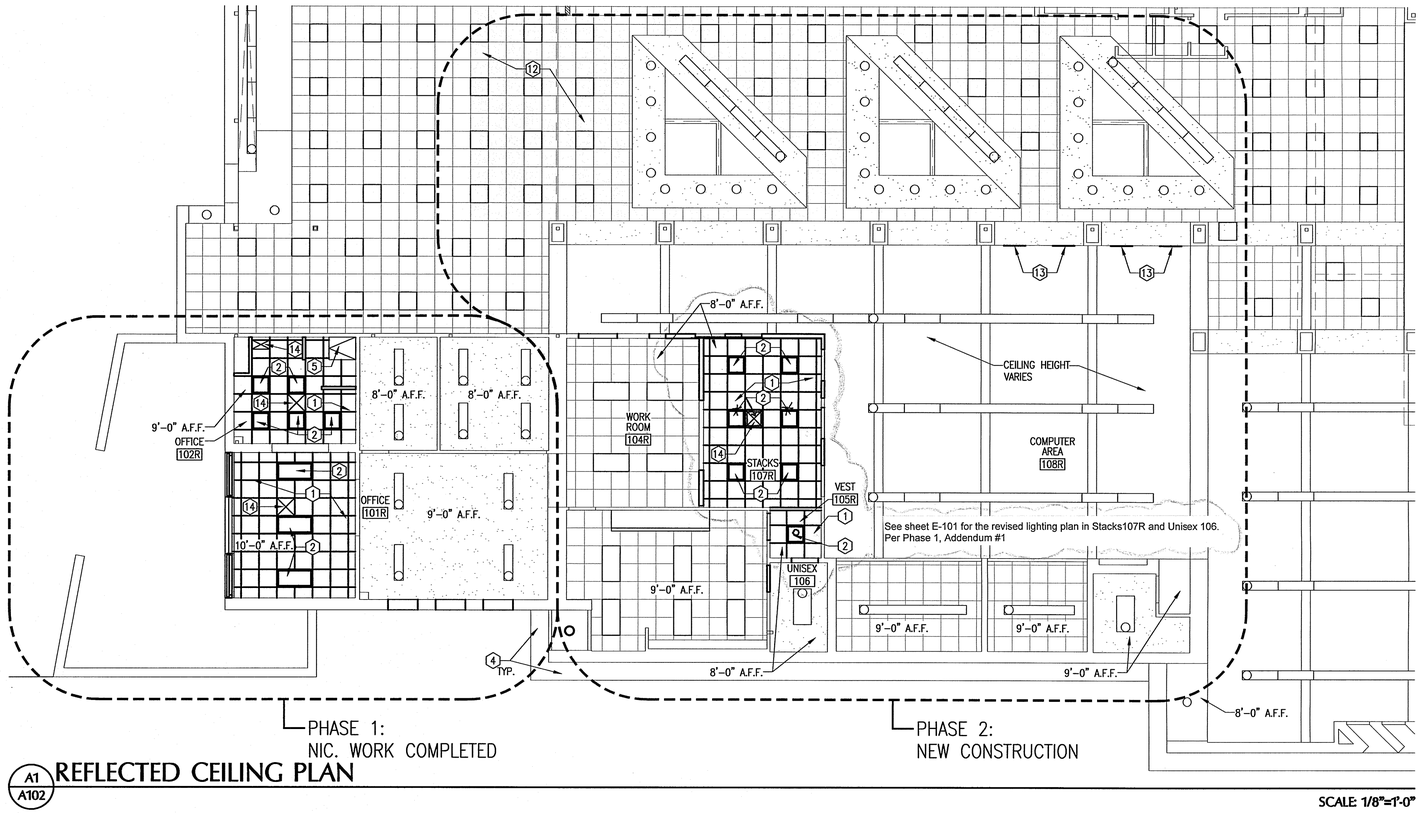


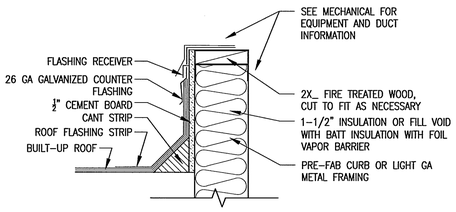
C1 / A102 ROOF PLAN

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



A1 / A102 REFLECTED CEILING PLAN

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



B4 / A102 TYPICAL MECH. ROOF PENETRATION DTL.

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

GENERAL PURPOSE OF PROJECT

TO PROVIDE SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS. DUE TO BUDGET CONSTRAINTS, THIS PURPOSE IS TO BE ACCOMPLISHED IN TWO PHASES. THERE ARE CURRENTLY 16 PUBLIC ACCESS COMPUTERS. THESE RENOVATIONS WILL ADD ANOTHER 20 STATIONS FOR A TOTAL OF 36 STATIONS.

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PHASE 1
PURPOSE OF PHASE 1: TO ENCLOSE EXISTING, EXTERIOR DELIVERY SPACE FOR DELIVERY AND SORTING; REMODEL EXISTING STORAGE ROOM INTO OFFICE SPACE; AND REMODEL EXISTING SORTING AREA INTO WORK SPACE AND WORK STATIONS AND OTHER WORK NOTED IN PHASE 1 ON THE DRAWINGS.

1. ADD KALWALL AND RELOCATED DOOR TO COVERED DELIVERY TO ENCLOSE.
2. REMOVE DOOR A103 BETWEEN COVERED DELIVERY 101 AND DELIVERY 103. BECOMES OFFICE 101R AND OFFICE 103R. TO BE USED FOR DELIVERY, BOOK SORTING AND OTHER WORK ROOM TASKS.
3. CHANGE STORAGE 102 TO OFFICE 102R WITH 2 WORK STATIONS. USE FURNITURE, NOT BUILT-IN CASEWORK.
4. CUT 3 NEW WINDOWS IN OFFICE 103R. NEW TOP FOR CASEWORK.
5. REPAIR FINISHES AND PAINT
6. REWORK DRAINAGE OF SERVICE YARD
7. RELOCATE OFFICE FUNCTIONS INTO OFFICE 102R AND OFFICE 103R IN PREPARATION FOR PHASE II.
8. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. EXISTING COVERED DELIVERY 101 WILL BECOME AN ENCLOSED SPACE.
9. INSULATE WEST WALL OF ROOM 101R.

PHASE 2
PURPOSE OF PHASE 2: TO RELOCATE OFFICE FUNCTIONS OUT OF OFFICE 107 TO ALLOW RELOCATION OF STACKS INTO THAT AREA WHICH FREES UP SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS AND OTHER WORK NOTED IN PHASE 2 ON THE DRAWINGS.

1. REWORK VESTIBULE ENTRY TO RESTROOM
2. MOVE DOOR A104 NORTH
3. REMOVE PORTIONS OF LOAD-BEARING WALL BETWEEN STACKS 107R AND PUBLIC AREA TO ALLOW ENTRY TO STACKS 107R.
4. NEW PARTIAL PARTITION TO CLOSE OFF WORK ROOM 104R FROM STACKS 107R
5. RELOCATE STACKS FROM PUBLIC AREA INTO STACKS 107R.
6. ADD COMPUTER TABLES, SEATS, AND COMPUTERS
7. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. A NEW HVAC UNIT AND SUPPLY WILL BE ADDED. STRUCTURAL IS REQUIRED FOR NEW LINTELS IN LOAD-BEARING WALL.

GENERAL SHEET NOTES

1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.
2. SEE ELECTRICAL FOR FIXTURE TYPES.
3. SEE MECHANICAL FOR MECHANICAL EQUIPMENT.
4. CONNECTIONS TO STRUCTURE SHALL BE ADEQUATE FOR THE IMPOSED LOAD.
5. DO NOT CUT ANY JOISTS FOR NEW ROOF UNIT. COORDINATE OPENINGS WITH EXISTING JOISTS. ADD 4" X 4" X 3/8" STEEL ANGLE FRAME FOR NEW UNITS AND OPENINGS. WELD TO EXISTING JOISTS.
6. CUT AND REPAIR ROOFING AS NEEDED FOR NEW MECHANICAL PENETRATIONS.

KEYED NOTES

1. INSTALL NEW 2' X 2' SUSPENDED GRID LAY-IN CEILING. CEILING TILES TO MATCH EXISTING: VERIFY THE EXISTING TILE IS ARMSTRONG OPTIMA OPEN PLAN 2'X2'X1". MATCH SAMPLES WITH EXISTING TILE FOR COLOR AND TEXTURE. COORDINATE WITH MECHANICAL AND ELECTRICAL PLANS. LAYOUT FOR GRID AND LIGHTS TO BE CENTERED IN ROOM, AS SHOWN.
2. NEW LAY-IN FIXTURE. SEE ELECTRICAL.
3. NEW ROOF TOP HVAC UNIT. REFER TO DETAIL B4/SHEET A102. SEE MECHANICAL. SEE STRUCTURAL FOR SUPPORT DETAILS.
4. EXISTING ROOF OVERHANG.
5. EXISTING ROOF LADDER AND HATCH TO REMAIN.
6. EXISTING STANDING SEAM METAL ROOF SYSTEM.
7. EXISTING ROOF AND OVERFLOW DRAIN.
8. EXISTING ROOFTOP MECHANICAL UNIT.
9. EXISTING ROOF HATCH.
10. NEW ROOF TOP EXHAUST HOOD. REFER TO DETAIL B4/SHEET A102. SEE MECHANICAL.
11. EXISTING ROOF DRAIN, SCUPPER AND SPLASH BLOCK.
12. IN SPECIFIED AREA, CAREFULLY REMOVE CEILING TILES AND GRID AS NECESSARY TO RUN NEW MECHANICAL DUCTS AND STRUCTURE FOR NEW MECHANICAL UNIT. REFER TO MECHANICAL AND STRUCTURAL. CEILING GRID AND TILES TO BE REPLACED AFTER MECHANICAL DUCTS HAVE BEEN INSTALLED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPLACE ALL TILES DURING THE REMOVAL AND REINSTALLATION PROCESSES. REPLACE ANY DAMAGED TILE OR GRID.
13. NEW SIDEWALL SUPPLY REGISTER. SEE MECHANICAL. CUT AND REPAIR WALL AS NECESSARY TO MATCH EXISTING.
14. NEW AIR REGISTER OR RETURN. SEE MECHANICAL.

LEGEND

- EXISTING LAY-IN CEILING TO REMAIN
- NEW OR REUSED LAY-IN CEILING DO NOT REUSE ANY DAMAGED TILE OR GRID
- EXISTING 2' X 4' FLUORESCENT CON LIGHT FIXTURE
- EXISTING LIGHT FIXTURE
- NEW 2' X 2' FLUORESCENT LIGHT FIXTURE, SEE ELEC.
- NEW 2' X 4' FLUORESCENT LIGHT FIXTURE, SEE ELEC.
- EXISTING 5/8" TYPE X GYPSUM BOARD CEILING
- EXISTING STANDING SEAM METAL ROOF
- EXISTING CEILING TILES & GRID TO BE REMOVED FOR INSTALLATION OF NEW MECHANICAL DUCTS, THEN REPLACED

RECORD SET OF DRAWINGS

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CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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BENCH MARK

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NO.

SURVEY INFORMATION
FIELD NOTES
BY DATE
NO.

STATE OF NEW MEXICO
TINA M. SEE-REAMES
NO. 3772
REGISTERED ARCHITECT
5/9/11

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DAS DATE: -
DRAWN BY: ROB DATE: -
CHECKED BY: - DATE: -

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: REFLECTED CEILING PLAN & ROOF PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet
7168.03	G-18-Z	A102 11 Of 21

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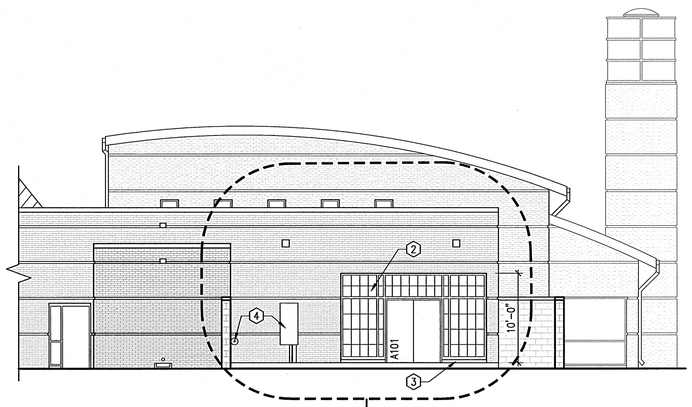
GENERAL SHEET NOTES

1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.

KEYED NOTES

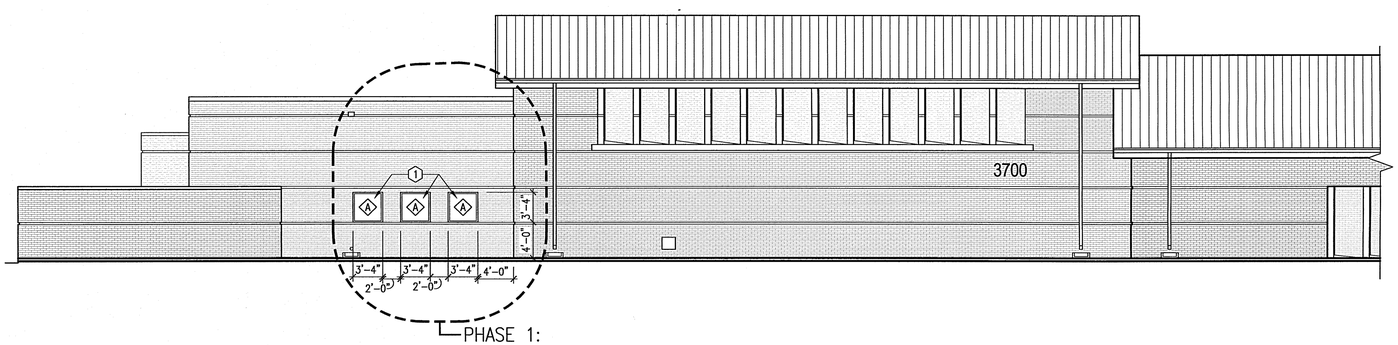
1. 3 NEW WINDOWS. CAREFULLY CUT BRICK AND REMOVE. REPLACE ANY DAMAGED BRICK ADJACENT TO THE WINDOWS. SEE STRUCTURAL FOR WALL CUTS FOR THE WINDOWS.
2. NEW KALWALL AT EXISTING OPENING WITH NEW DOORS AND FRAME.
3. NEW CONCRETE GRADE BEAM. SEE STRUCTURAL.
4. EXISTING GAS LINES AND ELECTRICAL PANEL.



PHASE 1:
NIC. WORK COMPLETED

A1 / A201 NORTH ELEVATION

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



PHASE 1:
NIC. WORK COMPLETED

B1 / A201 WEST ELEVATION

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

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SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

REVISIONS/REMARKS
NO. BY DATE

STATE OF NEW MEXICO
TINA M. CHERRY
NO. 3772
REGISTERED ARCHITECT
5/19/11

DESIGNED BY: DJS DATE: -
DRAWN BY: RCB DATE: -
CHECKED BY: - DATE: -

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

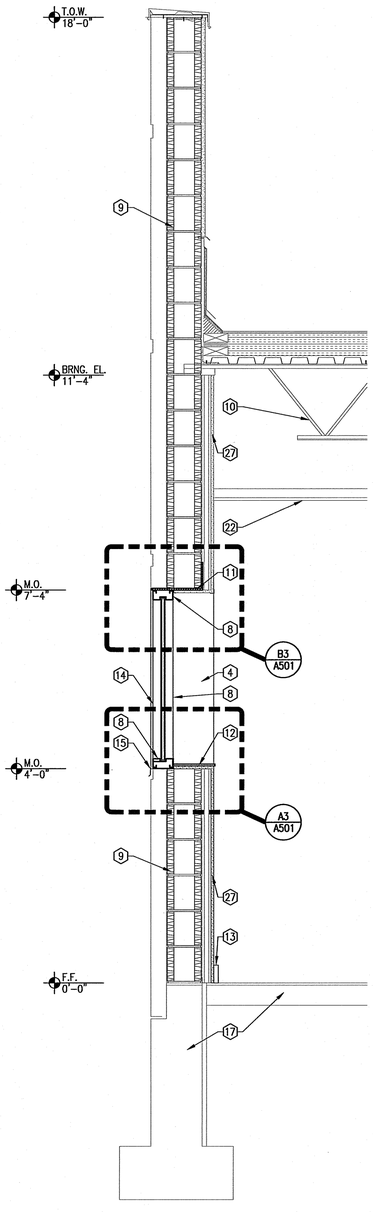
CHERRY/SEE/REAMES ARCHITECTS 4/13/2012
Date

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: EXTERIOR ELEVATIONS

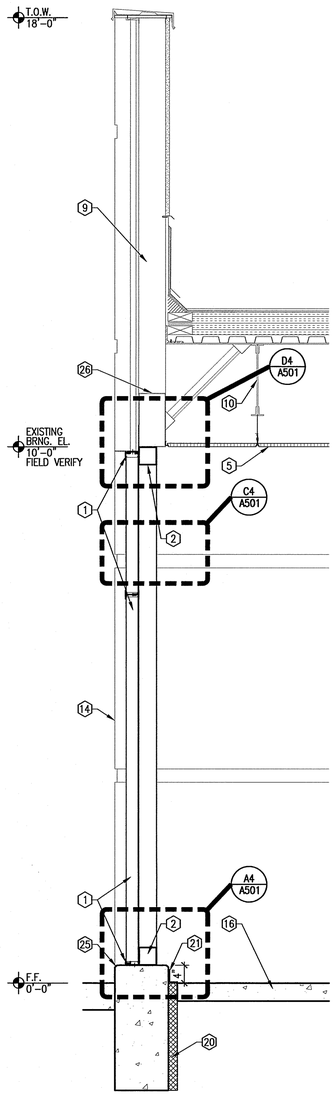
Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	
7168.03	G-18-Z	A201	12 Of 21



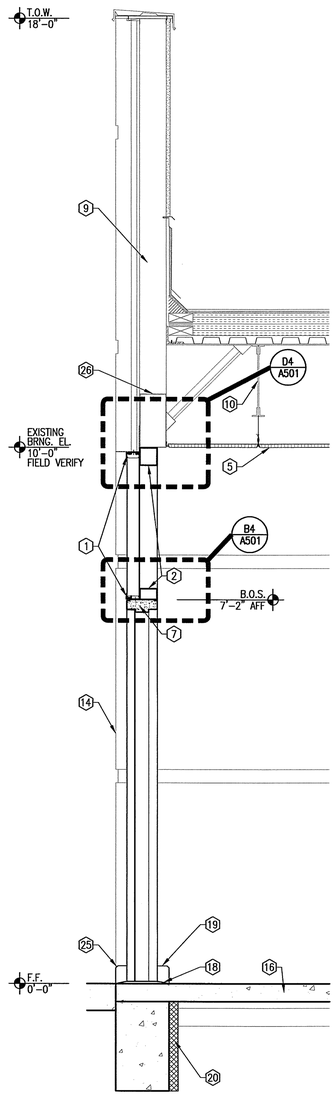
A1 SECTION A301

SCALE: 3/4"=1'-0"



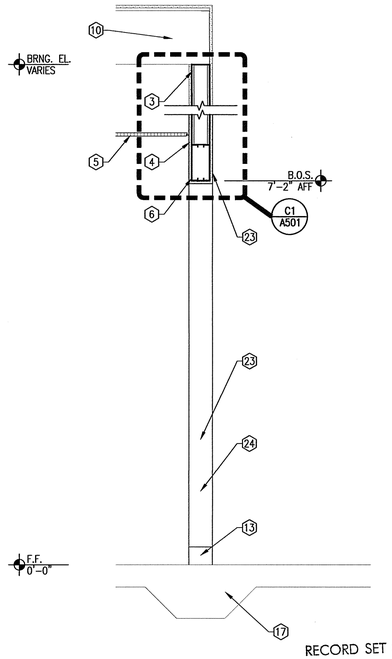
A2 SECTION A301

SCALE: 3/4"=1'-0"



A3 SECTION A301

SCALE: 3/4"=1'-0"



A4 SECTION A301

SCALE: 3/4"=1'-0"

GENERAL SHEET NOTES

1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.
2. SUPPORT ABOVE STRUCTURAL WHEN CUTTING NEW OPENINGS IN GYPSUM BOARD.
3. PROVIDE BOND BREAK BETWEEN DISSIMILAR METALS AT ALL LOCATIONS, UNLESS NOTED OTHERWISE.

KEYED NOTES

1. 2-3/4" KALWALL 100 WALL SYSTEM WITH A DARK BRONZE INSULATED FRAME OR PRIOR APPROVED EQUAL. KALWALL PANELS TO BE WHITE WHITE WITH A U-VALUE OF .23 AND A LIGHT TRANSMITTANCE OF 15%.
2. STEEL TUBE FRAME. SEE STRUCTURAL.
3. EXISTING STUDS. WELD ALL JOINTS SOLID AND GRIND SMOOTH. PAINT.
4. 5/8" GYPSUM BOARD.
5. 2 X 2 LAY-IN CEILING.
6. 2 NEW 8" X 16 GAGE HEADERS AND RUNNER TRACK.
7. HM DOOR FRAME, GROUT SOLID.
8. INSULATED ALUMINUM WINDOW FRAME. MATCH COLOR OF EXISTING. SEE DETAILS, SHEET A501.
9. EXISTING WALL.
10. EXISTING STRUCTURE.
11. AT HEAD OF WINDOW, SAW A 3/8" CUT AT THE BRICK JOINT THROUGH THE BRICK AND CMU THE WIDTH OF THE WINDOW PLUS 4" ON BACK SIDE. INSERT A GALVANIZED 3/8" X 11-1/2" X WINDOW WIDTH + 8" INTO THE OPENING UNTIL THE PLATE EXTENDS 3/8" PAST THE CMU. CUT BACK THE 5/8" GYP BOARD AND FURRING AND INSULATION SO THAT A 3/8" X 8" X WIDTH OF WINDOW + 8" PLATE CAN BE PLACED FLAT ON THE END AND WELDED THE FULL LENGTH OF THE TWO PLATES. AT THAT TIME, SAW OUT THE JAMBS AND SILL OF THE WINDOW OPENING AND REMOVE THE BRICK AND CMU. PLACE THE NEW ALUMINUM FRAME IN THE OPENING. SEE STRUCTURAL.
12. QUARTZ SURFACING SILL.
13. 4" VINYL BASE.
14. LINE OF EXISTING BRICK BEYOND.
15. 24-GA. ALUMINUM FLASHING OVER SILL.
16. NEW CONCRETE SLAB. SEE STRUCTURAL.
17. EXISTING SLAB AND FOUNDATION.
18. THRESHOLD.
19. CURB BEYOND.
20. 2" RIGID INSULATION.
21. 3" X 2" X 1/4" STEEL ANGLE.
22. EXISTING CEILING.
23. REPAIR GYP BOARD AS REQUIRED.
24. PROVIDE 2 NEW 18 GAGE STUDS AT EACH END OF THE NEW HEADER. MATCH WALL THICKNESS.
25. CHAMFER EDGES, TYPICAL.
26. EXISTING STEEL TUBE.
27. EXISTING 5/8" GYPSUM BOARD ON Z-FURRING WITH RIGID INSULATION. PATCH AND REPAIR. REPAINT WALLS IN OFFICE 101R.

GENERAL PURPOSE OF PROJECT

TO PROVIDE SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS. DUE TO BUDGET CONSTRAINTS, THIS PURPOSE IS TO BE ACCOMPLISHED IN TWO PHASES. THERE ARE CURRENTLY 16 PUBLIC ACCESS COMPUTERS. THESE RENOVATIONS WILL ADD ANOTHER 20 STATIONS FOR A TOTAL OF 36 STATIONS.

THESE DRAWINGS CONTAIN WORK FOR BOTH PHASE 1 AND PHASE 2 OF THE PROJECT. WORK FOR PHASE 2 TO BE COMPLETED AS PART OF THIS CONTRACT. PHASE 1 WORK IS NOT IN CONTRACT AND HAS ALREADY BEEN COMPLETED.

PHASE 1
PURPOSE OF PHASE 1: TO ENCLOSE EXISTING, EXTERIOR DELIVERY SPACE FOR DELIVERY AND SORTING; REMODEL EXISTING STORAGE ROOM INTO OFFICE SPACE; AND REMODEL EXISTING SORTING AREA INTO WORK SPACE AND WORK STATIONS AND OTHER WORK NOTED IN PHASE 1 ON THE DRAWINGS.

1. ADD KALWALL AND RELOCATED DOOR TO COVERED DELIVERY TO ENCLOSE.
2. REMOVE DOOR A103 BETWEEN COVERED DELIVERY 101 AND DELIVERY 103. BECOMES OFFICE 101R AND OFFICE 103R. TO BE USED FOR DELIVERY, BOOK SORTING AND OTHER WORK ROOM TASKS.
3. CHANGE STORAGE 102 TO OFFICE 102R WITH 2 WORK STATIONS. USE FURNITURE, NOT BUILT-IN CASEWORK.
4. CUT 3 NEW WINDOWS IN OFFICE 103R. NEW TOP FOR CASEWORK.
5. REPAIR FINISHES AND PAINT
6. REWORK DRAINAGE OF SERVICE YARD
7. RELOCATE OFFICE FUNCTIONS INTO OFFICE 102R AND OFFICE 103R IN PREPARATION FOR PHASE II.
8. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. EXISTING COVERED DELIVERY 101 WILL BECOME AN ENCLOSED SPACE.
9. INSULATE WEST WALL OF ROOM 101R.

PHASE 2
PURPOSE OF PHASE 2: TO RELOCATE OFFICE FUNCTIONS OUT OF OFFICE 107 TO ALLOW RELOCATION OF STACKS INTO THAT AREA WHICH FREES UP SPACE FOR MORE PUBLIC ACCESS COMPUTER STATIONS AND OTHER WORK NOTED IN PHASE 2 ON THE DRAWINGS.

1. REWORK VESTIBULE ENTRY TO RESTROOM
2. MOVE DOOR A104 NORTH
3. REMOVE PORTIONS OF LOAD-BEARING WALL BETWEEN STACKS 107R AND PUBLIC AREA TO ALLOW ENTRY TO STACKS 107R.
4. NEW PARTIAL PARTITION TO CLOSE OFF WORK ROOM 104R FROM STACKS 107R
5. RELOCATE STACKS FROM PUBLIC AREA INTO STACKS 107R.
6. ADD COMPUTER TABLES, SEATS, AND COMPUTERS
7. REWORK MECHANICAL AND ELECTRICAL SERVICE AS REQUIRED. A NEW HVAC UNIT AND SUPPLY WILL BE ADDED. STRUCTURAL IS REQUIRED FOR NEW LINTELS IN LOAD-BEARING WALL.

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:

BENCH MARK

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

REVISIONS/REMARKS
NO. DATE BY
DATE: -
DATE: -
DATE: -

DESIGNED BY: DJS
DRAWN BY: RCB
CHECKED BY: -

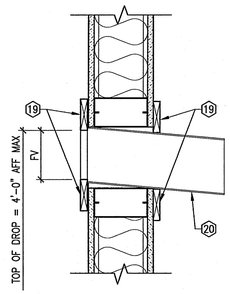
STATE OF NEW MEXICO
TINA M. REAMES
NO. 3772
REGISTERED ARCHITECT
5/19/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: WALL SECTIONS

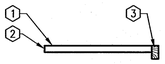
Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet
7168.03	G-18-Z	A301 13 Of 21



D1 A401 BOOK DROP DETAIL

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



C1 A401 TYPICAL SHELF

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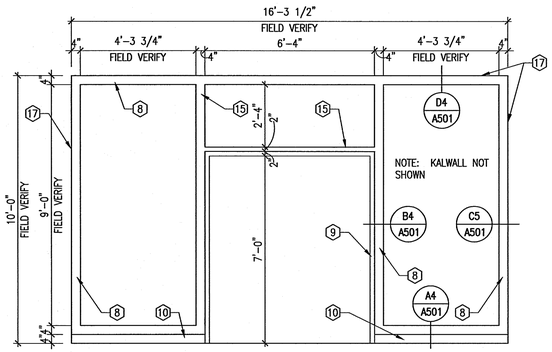
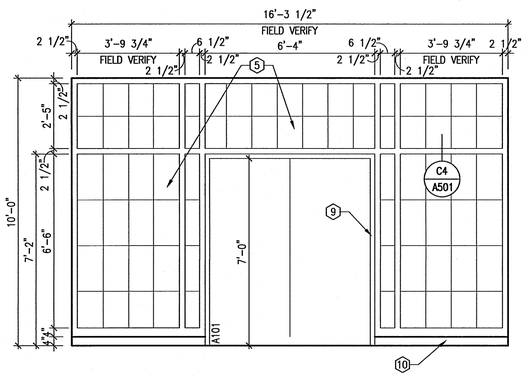


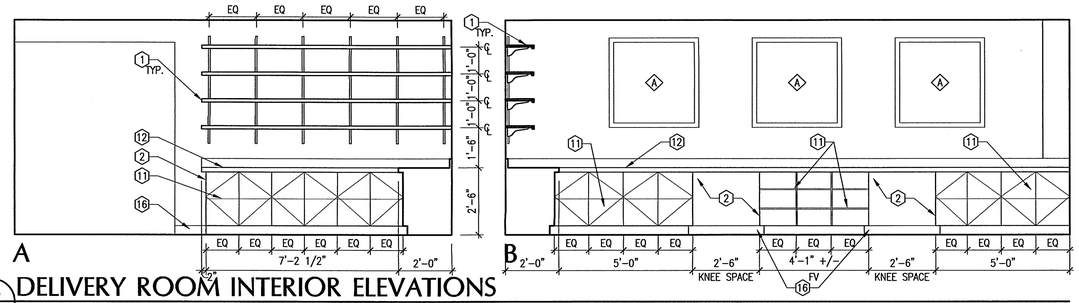
B1 A401 STORAGE AREA STEEL FRAME

SCALE: 3/8"=1'-0"



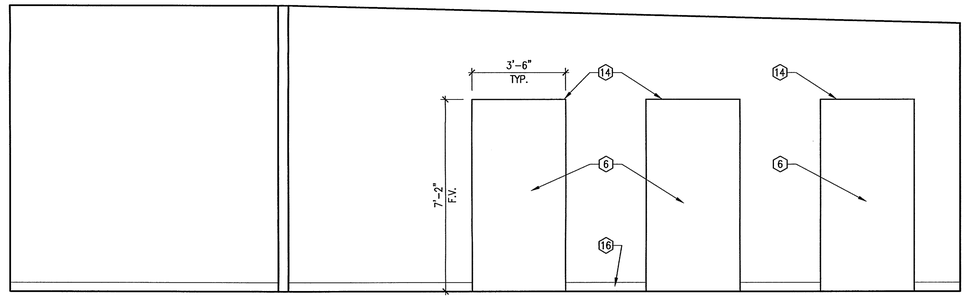
A1 A401 STORAGE AREA EXT. ELEVATION

SCALE: 3/8"=1'-0"



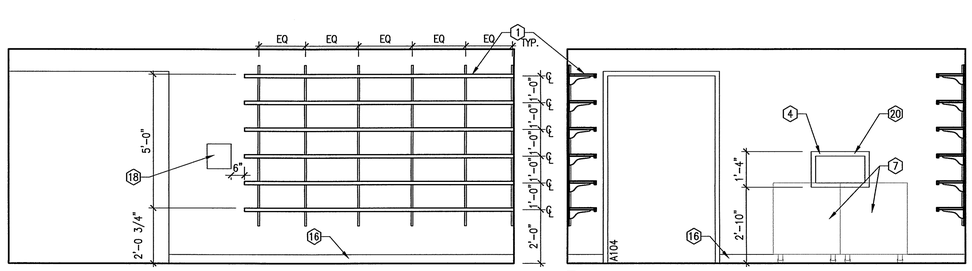
D3 A401 DELIVERY ROOM INTERIOR ELEVATIONS

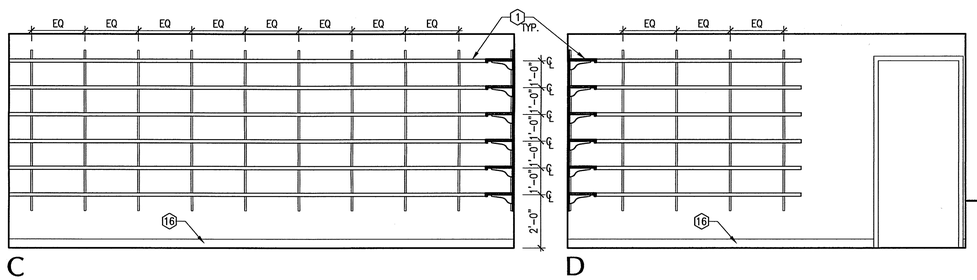
SCALE: 3/8"=1'-0"



C3 A401 NEW STACKS AREA INTERIOR ELEVATION

SCALE: 3/8"=1'-0"





A3 A401 WORK ROOM INTERIOR ELEVATIONS

SCALE: 3/8"=1'-0"

GENERAL SHEET NOTES

1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.
2. FIELD VERIFY ALL STEEL FRAME DIMENSIONS.

KEYED NOTES

1. 12 X 3/4" WHITE MELAMINE COVERED PARTICLE BOARD SHELVING WITH OAK NOSING ON HEAVY DUTY KV BRACKETS AND RAILS SCREWED AT EACH STUD. SEE C1/A401.
2. FINISHED BACK AND ENDS, TYPICAL.
3. 3/4" X 1-1/2" SELECT OAK NOSING.
4. NEW CUT OPENING. REUSE EXISTING BOOK DROP. PROVIDE NEW OAK FRAME AROUND BOOK DROP, ON BOTH SIDES OF WALL.
5. 2-3/4" KALWALL 100 WALL SYSTEM WITH A DARK BRONZE INSULATED FRAME OR PRIOR APPROVED EQUAL. KALWALL PANELS TO BE WHITE, WHITE, WITH A U-VALUE OF .23 AND A LIGHT TRANSMITTANCE OF 15%.
6. OPEN TO STACKS 107R.
7. EXISTING BOOK CART.
8. 4" x 4" x 3/16" STEEL TUBE FRAME. WELD ALL JOINTS SOLID AND GRIND SMOOTH.
9. HM DOOR FRAME. GROUT SOLID.
10. CONCRETE STEM WALL WITH 4 X 4 X 1/4" INSULATED WELD PLATE.
11. PLASTIC LAMINATE CASEWORK. PROVIDE ADJUSTABLE SHELVING WHERE SHOWN.
12. PLASTIC LAMINATE COUNTERTOP WITH 4" BACKSPLASH.
13. PROVIDE WOOD BLOCKING SCREWED TO CMU FOR BRACKETS ON THIS WALL, TYPICAL.
14. MATCH TOP OF EXISTING WINDOWS. FIELD VERIFY.
15. 2" X 4" X 3/16" STEEL TUBE FRAME. WELD ALL JOINTS SOLID AND GRIND SMOOTH.
16. BASE. SEE ROOM FINISH SCHEDULE, SHEET A601.
17. PROVIDE CONTINUOUS SEALANT BETWEEN EDGE OF STEEL FRAME AND EXISTING WALL.
18. EXISTING WALL SAFE TO REMAIN.
19. 1X4 SELECT OAK TRIM AT BOOK DROP. OAK FINISH TO MATCH THAT OF EXISTING OAK BASE TRIM. MITER EDGES AT 45°.
20. EXISTING BOOK DROP, RELOCATED. SEE D1/A401.

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SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

STATE OF NEW MEXICO
ERNA M. FERGUSSON
NO. 3772
REGISTERED ARCHITECT
5/19/11

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RECORD SET OF DRAWINGS
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CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 (date)

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

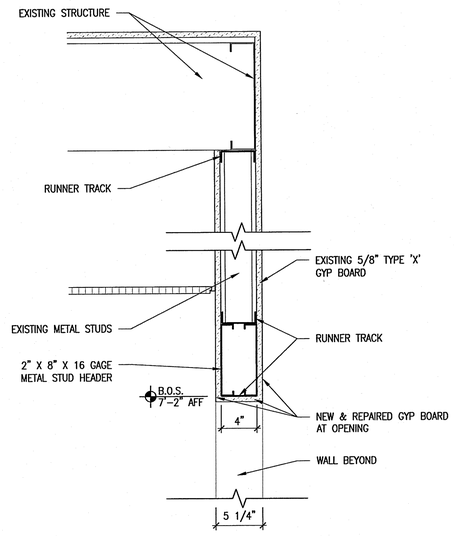
TITLE: INTERIOR ELEVATIONS

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

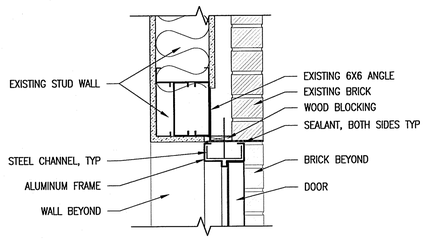
City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	A401	14 21

GENERAL SHEET NOTES

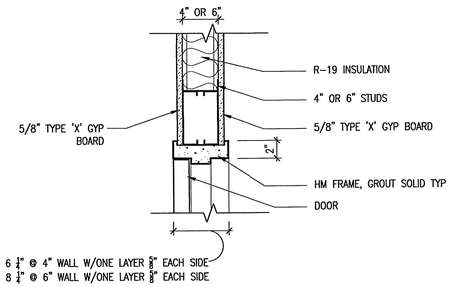
1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.
2. PAINT STEEL FRAME SYSTEM PRIOR TO INSTALLING KALWALL.
3. ALL KALWALL PANELS TO BE 2-3/4" KALWALL 100 WALL SYSTEM WITH A DARK BRONZE INSULATED FRAME OR PRIOR APPROVED EQUAL. KALWALL PANELS TO BE WHITE WHITE WITH A U-VALUE OF .23 AND A LIGHT TRANSMITTANCE OF 15%.



C1 A501 WALL HEADER
SCALE: 1-1/2"=1'-0"



D2 A501 HEAD DETAIL
SCALE: 1-1/2"=1'-0"



D3 A501 HEAD DETAIL
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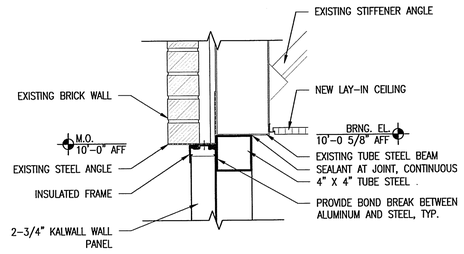
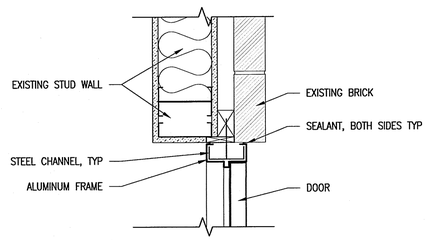


D4 A501 KALWALL HEAD
SCALE: 1-1/2"=1'-0"



C2 A501 JAMB DETAIL
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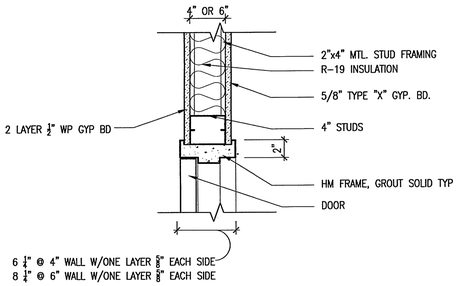
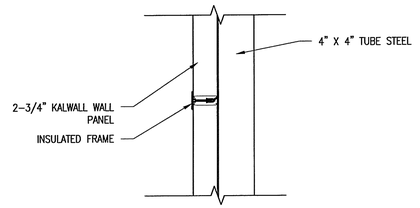
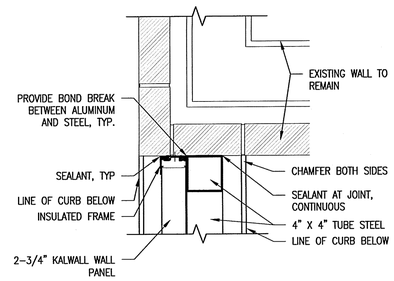


C3 A501 JAMB DETAIL
SCALE: 1-1/2"=1'-0"



C4 A501 KALWALL WALL BATTEN
SCALE: 1-1/2"=1'-0"



C5 A501 KALWALL JAMB DETAIL
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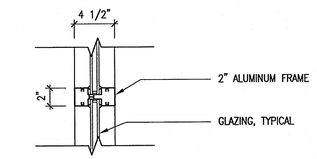

B1 A501 MULLION DETAIL
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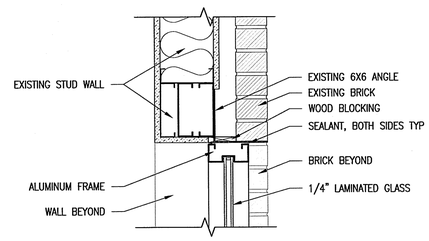

B2 A501 HEAD DETAIL
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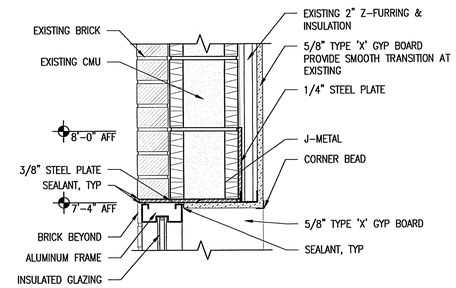

B3 A501 HEAD DETAIL
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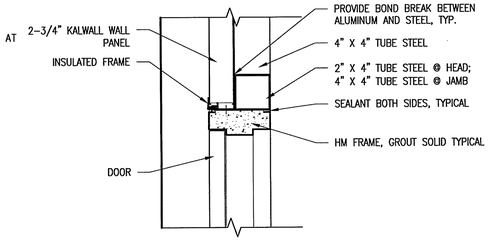
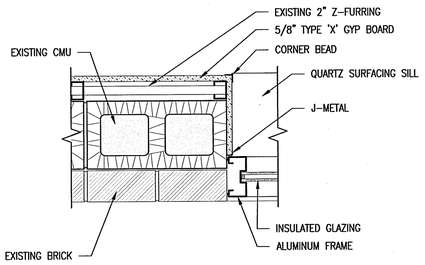


B4 A501 KALWALL W/ HM JAMB
SCALE: 1-1/2"=1'-0"



A1 A501 JAMB DETAIL
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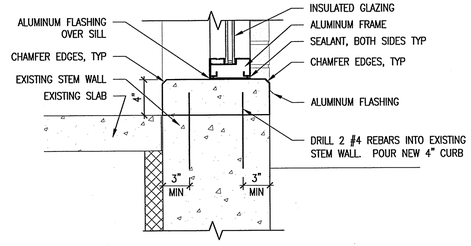

A2 A501 SILL DETAIL
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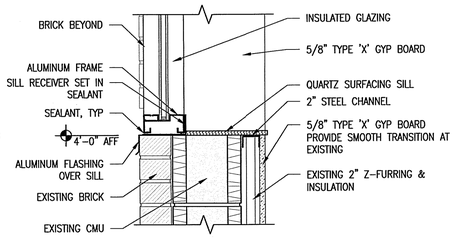

A3 A501 SILL DETAIL
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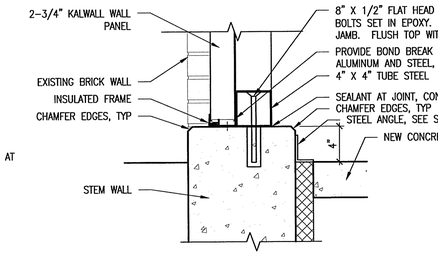

A4 A501 KALWALL SILL
SCALE: 1-1/2"=1'-0"

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STATE OF NEW MEXICO
TINA M. REAMES
3772
REGISTERED ARCHITECT
5/19/11

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DJS DATE: -
DRAWN BY: RCB DATE: -
CHECKED BY: - DATE: -

RECORD SET OF DRAWINGS
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CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: WINDOW & DOOR DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet
7168.03	G-18-Z	A501 15 Of 21

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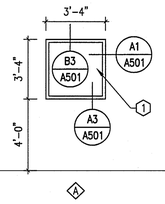
DOOR SCHEDULE

DOOR NO	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	DOOR MAT	DOOR TYPE	FRAME MAT	FRAME TYPE	FIRE RATING	HARDWARE KEY SIDE	SIGNAGE	REMARKS
A101	PR 3'-0"	7'-0"	1-3/4"	HM	B	HM	4	–	–	–	FRAME INSTALLED W/KALWALL, DOOR SALVAGED FROM PREVIOUS LOCATION
A102	3'-0"	7'-0"	1-3/4"	HM	A	~~HM~~ KAL	2	–	–	–	~~FRAME EXISTING~~ Per Phase 1, Addendum #1
A104	4'-0"	7'-0"	1-3/4"	WD	C	HM	5	–	–	–	–
A105	3'-0"	7'-0"	1-3/4"	WD	A	HM	1	–	–	–	–
A106	3'-0"	7'-0"	1-3/4"	WD	A	HM	1	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–	–	–

NOTES:
1. SEE SPECIFICATIONS FOR HARDWARE SET NUMBER.
2. ANY CONFLICT BETWEEN THE SECTIONS AND SCHEDULE THE SCHEDULE PREVAILS.
3. HOLLOW METAL FRAMES ARE GROUTED SOLID UNLESS NOTED OTHERWISE.
4. ALUMINUM DOOR FRAMES (JAMBS AND HEADS) ARE STEEL BRACED UNLESS NOTED OTHERWISE.
5. ALL EXTERIOR DOORS TO BE INSULATED.



C1 / A601 WINDOW ELEVATIONS

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

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOORS: VCT	FLOORS: 12X12 PORCELAIN TILE	FLOORS: SEALED CONCRETE	FLOORS: CARPET	BASE: 4" VINYL BASE	BASE: COVE CERAMIC	BASE: 4" OAK BASE	WALLS: 5/8" TYPE 'X' GYP BD	WALLS: EXPOSED MASONRY	WALLS: 4X4 CERAMIC TILE	WALLS: KALWALL	CEILINGS: NOT USED	CEILINGS: 2'X2'4 LAY-IN TILE	CEILINGS: EXPOSED STRUCTURE	CEILINGS: 5/8" TYPE 'X' WP GYP BD	REMARKS
		1F	2F	3F	4F	1B	2B	3B	1W	2W	3W	4W	1C	2C	3C	4C	
101R	OFFICE	1F		3F		1B				2W		4W		2C			–
102R	OFFICE			3F		1B			1W					2C			–
104R	WORK ROOM				4F	1B			1W					2C			–
105R	VESTIBULE		2F				2B		1W					2C			–
106	UNISEX		2F				2B		1W		3W					4C	–
107R	STACKS				4F			3B	1W					2C			PROVIDE NEW OAK BASE. MATCH EXISTING.
108R	COMPUTER AREA				4F			3B	1W						3C		PROVIDE OAK BASE AS NECESSARY AT CUT OPENINGS. MATCH EXISTING.
–	–																–
–	–																–
–	–																–

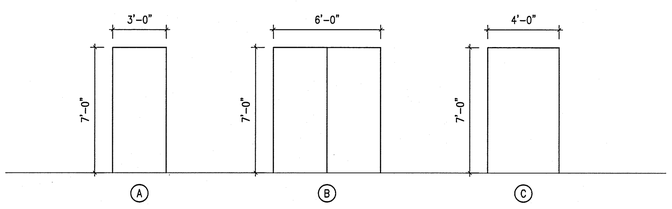
NOTES:
1. ALL GYP BD FINISHES ARE PAINTED UNLESS NOTED OTHERWISE.
2. EXPOSED STRUCTURE IS EXISTING AND SHOULD REMAIN IN EXISTING CONDITION UNLESS NOTED OTHERWISE.
3. USE USDA APPROVED EPOXY GROUT FOR TILE FLOORS. LATAPOXY 2000 OR EQUAL.
4. AT ALL LOCATIONS WHERE A NEW FINISH MATERIAL MEETS AN EXISTING FINISH MATERIAL, PROVIDE A SMOOTH TRANSITION. UNLESS OTHERWISE NOTED, MATCH EXISTING FINISH MATERIAL, TEXTURE AND COLOR.
5. PROVIDE NEW VINYL BASE IN ALL LOCATIONS WHERE VINYL BASE IS CALLED OUT, UNLESS OTHERWISE NOTED. ARCHITECT TO SELECT COLOR. ZERO TOTAL VOC CONTENT THRU A MAXIMUM OF .50 MILLIGRAMS PER CUBIC METER PER HOUR. SPECIAL INSTALLATION AND VENTILATION PROCEDURES MUST BE EMPLOYED WITH RUBBER PRODUCTS TO MINMIZE VOC EMISSIONS.

GENERAL SHEET NOTES

1. REFER TO SHEET A001 FOR GENERAL ARCHITECTURAL INFORMATION.

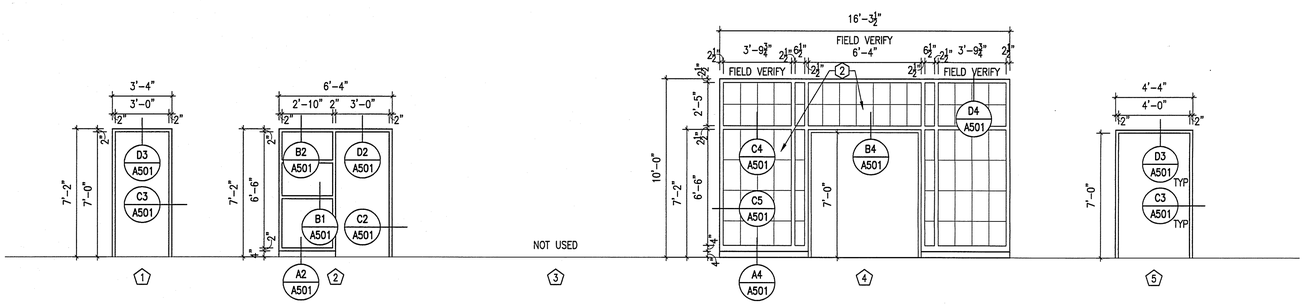
KEYED NOTES

1. GLAZING TO BE OPTIGRAY 23 + SOLARBAN 70XL.
2. SEE SHEET A401 FOR KALWALL TYPE KEYED NOTE.



B1 / A601 DOOR TYPES

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



A1 / A601 DOOR FRAME TYPES

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

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

For added scope, refer to Door & Frame Schedule Sketch, Exhibit R, on sheet RS-2.
Per Phase 1, Addendum #1.

CHERRY/SEE/REAMES ARCHITECTS, LLP
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AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:

BENCH MARK

MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

REVISIONS/REMARKS
NO. DATE BY

DESIGNED BY: DJS DATE: –
DRAWN BY: RCB DATE: –
CHECKED BY: – DATE: –

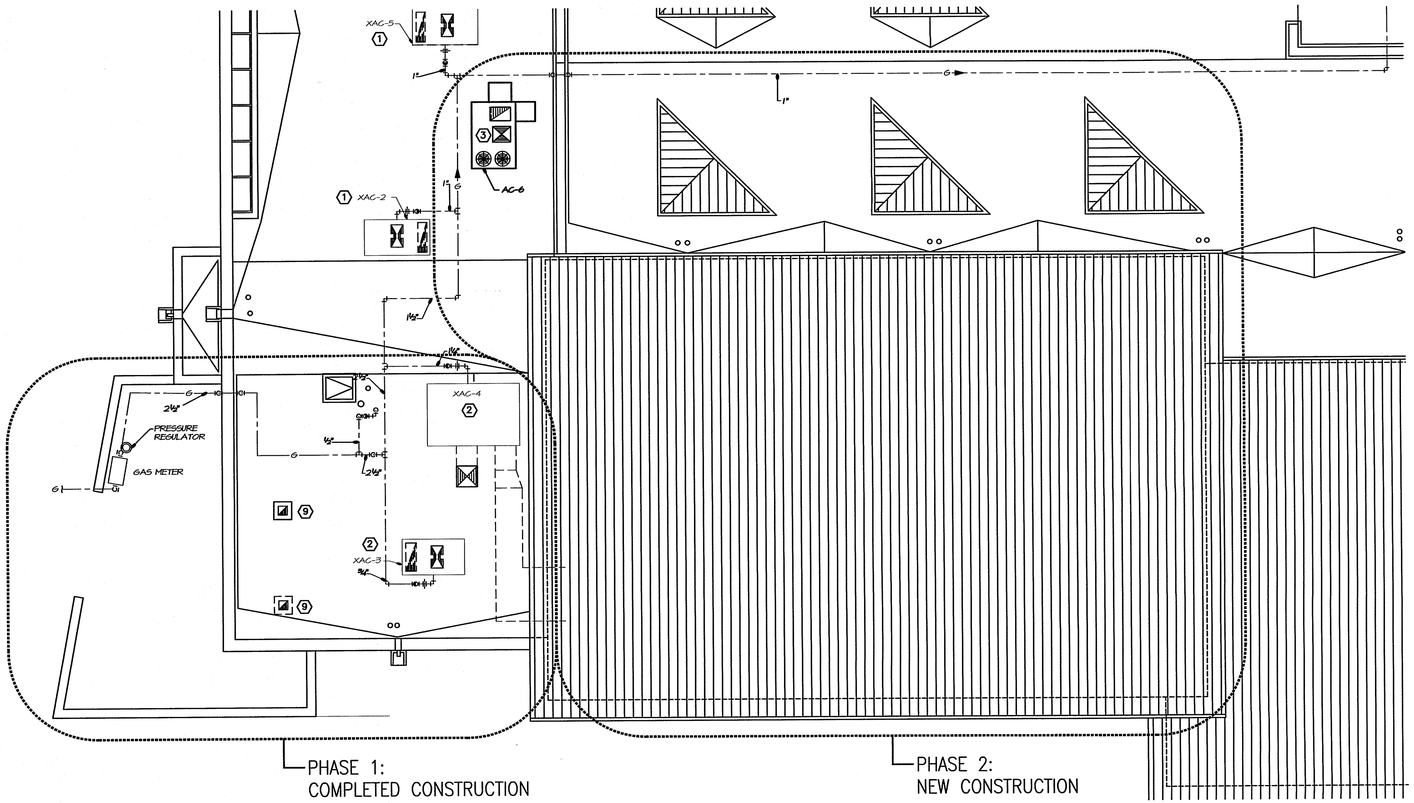
STATE OF NEW MEXICO
TINA M. REAMES
NO. 3772
REGISTERED ARCHITECT
4/13/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: DOOR SCHEDULE
WINDOW ELEVATIONS

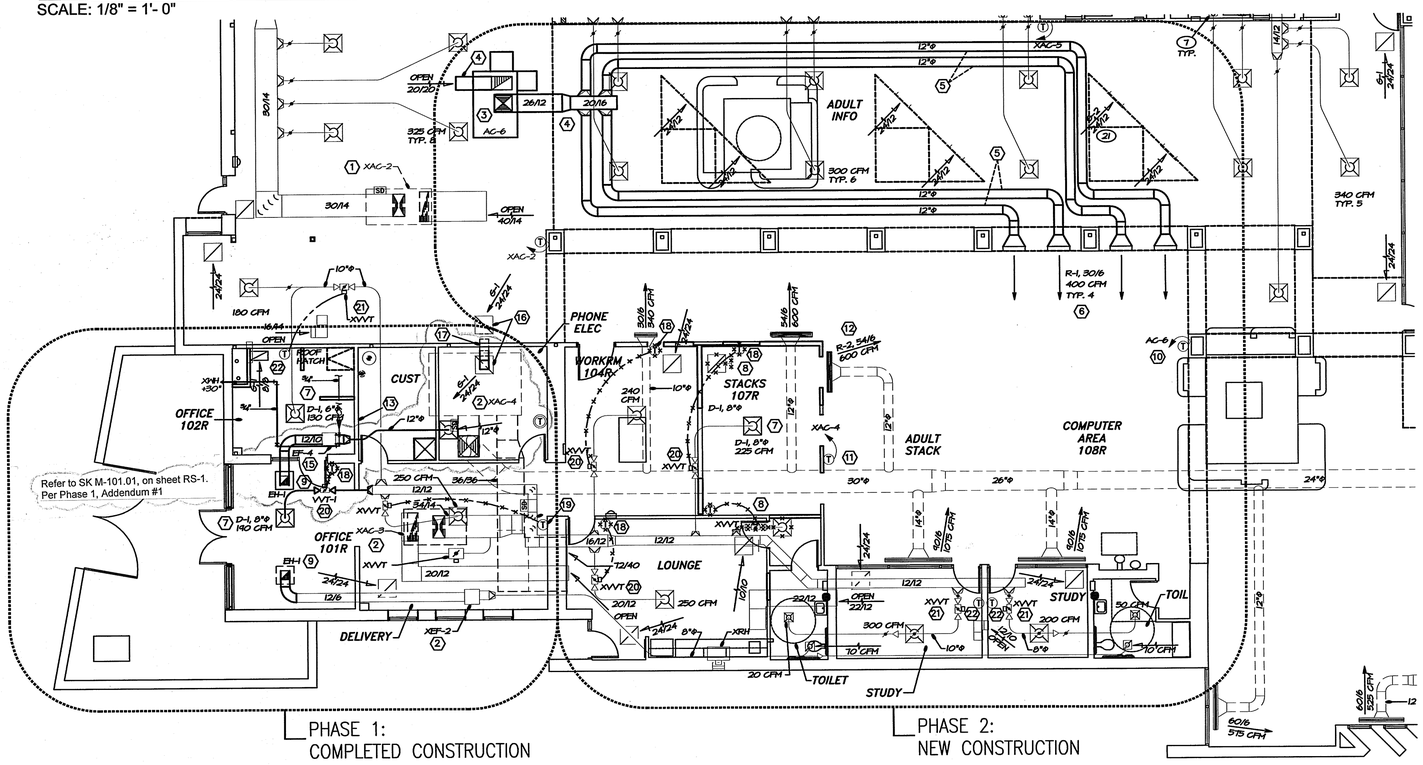
Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet
7168.03	G-18-Z	A601 16 Of 21



ROOF PLAN - HVAC

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



FLOOR PLAN - HVAC

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

KEYED NOTES

1. EXISTING EQUIPMENT TO REMAIN AS IS.
2. EXISTING EQUIPMENT TO BE REBALANCED TO AIRFLOW AS INDICATED. TAB SERVICE TO BE PERFORMED UNDER PHASE 2 OF THE PROJECT.
3. NEW ROOFTOP AIR CONDITIONING UNIT. MOUNT ON ROOF CURB. COORDINATE INSTALLATION WITH GENERAL CONTRACTOR.
4. NEW DUCTWORK IN CEILING SPACE. CAREFULLY COORDINATE INSTALLATION WITH STRUCTURAL AND SPACE AVAILABLE.
5. NEW DUCTWORK IN CEILING SPACE. ROUTE DUCT THROUGH CEILING JOIST WEBS.
6. NEW SIDEWALL SUPPLY AIR REGISTER. BALANCE TO AIRFLOW SHOWN.
7. NEW CEILING DIFFUSER OR GRILLE AS SHOWN. BALANCE TO AIRFLOW SHOWN.
8. REMOVE DUCTWORK, DIFFUSER, EQUIPMENT, ECT. AS INDICATED BY 'X'. CAP EXISTING DUCTWORK AT POINT OF REMOVAL AS REQUIRED. TYPICAL.
9. PROVIDE NEW ROOFTOP EXHAUST HOOD AND CONNECT TO EXISTING EXHAUST DUCTWORK AS SHOWN. COORDINATE INSTALLATION OF ROOF CURB AND EXHAUST HOOD WITH GENERAL CONTRACTOR.
10. EXISTING THERMOSTAT TO BE CONNECTED TO CONTROL NEW AIR CONDITIONING UNIT AC-6.
11. PROVIDE NEW THERMOSTAT AND CONNECT TO CONTROL EXISTING AIR CONDITIONING UNIT XAC-4.
12. REMOVE EXISTING FLOOR REGISTER CORE FROM FRAME. PROVIDE NEW EXTRA HEAVY DUTY R-2 FLOOR REGISTER CORE. INSTALL SECURELY IN EXISTING FRAME.
13. EXISTING YORK MERIDIAN VVT SYSTEM CONTROL PANEL. DISCONNECT AND REMOVE COMPLETE.
14. ~~PROVIDE NEW VVT 1 TERMINAL UNIT. CONNECT TO EXISTING YORK MERIDIAN VAT SYSTEM CONTROL PANEL. INSTALL WALL TEMPERATURE SENSOR AS SHOWN.~~
15. PROVIDE NEW EXHAUST FAN EF-4. GREENHECK MODEL BCF-107-4, 120V/1P, 600 CFM @ .4" SP. CONNECT TO EXISTING ELECTRICAL POWER AND THERMOSTAT CONTROL. CAREFULLY COORDINATE INSTALLATION WITH STRUCTURAL AND SPACE AVAILABLE.
16. PROVIDE NEW TRANSFER AIR GRILLES IN CEILINGS WITH 12"x12" TRANSFER AIR DUCT ABOVE THE CEILING. COORDINATE GRILLE LOCATIONS WITH LIBRARY SIDE CEILING GRID.
17. PROVIDE NEW 1-1/2 HR RATED FIRE DAMPER WITH SLEEVE THRU FIRE RATED WALL.
18. REMOVE WALL MOUNTED VVT BOX THERMOSTAT. PROVIDE STAINLESS STEEL BLANK COVER PLATE. REMOVE THERMOSTAT WIRING AS NECESSARY. THIS WORK IS PART OF THE PHASE 2 WORK.
19. REPLACE EXISTING VVT BOX THERMOSTAT WITH NEW ELECTRONIC PROGRAMMABLE THERMOSTAT. REMOVE EXISTING THERMOSTAT WIRING AS NECESSARY. PROVIDE NEW THERMOSTAT WIRING AND CONNECT THERMOSTAT TO EXISTING YORK XAC-3. COORDINATE UNIT CONNECTION WITH LOCAL YORK SUPPLIER NORMAN S. WRIGHT. THIS WORK IS PART OF THE PHASE 2 WORK.
20. DISCONNECT ACTUATOR WIRING. TEST AND BALANCE AGENCY TO USE EXISTING VVT BOX FOR BALANCING BY MANUALLY POSITIONING DAMPER AND LOCKING IN PLACE. THIS WORK IS PART OF THE PHASE 2 WORK.
21. REPLACE ZONE DAMPER ACTUATOR WITH NEW BELIMO LMB24 (OR APPROVED EQUAL) 24VAC ACTUATOR. ADJUST DAMPER/ACTUATOR TO MINIMUM 10% OPEN SETTING. INSTALL NEW YOUNG REGULATOR 322S DUCT TEMPERATURE SENSOR IN DUCTWORK UPSTREAM OF EXISTING ZONE DAMPER. WIRE ACTUATOR AND SENSOR TO NEW YOUNG REGULATOR T-322 THERMOSTAT. THIS WORK IS PART OF THE PHASE 2 WORK.
22. REPLACE EXISTING WALL MOUNTED THERMOSTAT WITH NEW YOUNG REGULATOR T-322 THERMOSTAT. CONNECT TO EXISTING 24VAC CONTROL POWER, NEW ACTUATOR AND DUCT TEMPERATURE SENSOR. THIS WORK IS PART OF THE PHASE 2 WORK.

DEMOLITION NOTES

1. DEMOLITION PLANS HAVE BEEN CREATED FROM EXISTING PLANS AND FIELD OBSERVATIONS. THEY ARE INTENDED TO GIVE THE CONTRACTOR A FAIRLY ACCURATE DESCRIPTION AND SCOPE OF WORK INVOLVED. THEY ARE NOT INTENDED TO BE EXACT AND ALL INCLUSIVE. SOME MINOR ADDITIONAL WORK MAY BE REQUIRED AT THE CONTRACTOR'S EXPENSE AS IS TYPICAL WITH RENOVATION PROJECTS.
2. ALL EQUIPMENT, DUCTS, ETC, SHALL BE REMOVED WHERE INDICATED WITH "X"S OR LISTED TO BE REMOVED PER DEMOLITION PLANS.

LEGEND

- SIZE — NEW DUCTWORK ABOVE CEILING
- SIZE — EXISTING DUCTWORK ABOVE CEILING
- SIZE — EXISTING DUCTWORK BELOW SLAB
- G — EXISTING NATURAL GAS LINE

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

NO. | DATE | REVISIONS/REMARKS | BY
9/27/2010 | | HNE

DESIGNED BY: HNE DATE:
DRAWN BY: HNE DATE:
CHECKED BY: HNE DATE:

DANIEL E. HARMEYER NEW MEXICO 14485 REGISTERED PROFESSIONAL ENGINEER
5/18/2011

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: PHASE 2 HVAC FLOOR PLAN AND ROOF PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet
NUMBER	G-18-Z	M-101 17 Of 21

MECHANICAL SYMBOLS

	SUPPLY DUCT ROOF PENETRATION
	RETURN OR EXHAUST DUCT ROOF PENETRATION
	ROUND DUCT ROOF PENETRATION
	DIFFUSER: 4-WAY THROW
	RETURN AIR GRILLE
	RETURN AIR GRILLE w/ SOUND BOOT
12/12	RECTANGULAR DUCT – METAL DIMENSIONS, FIRST FIGURE IS SIDE SHOWN
12/12	RECTANGULAR TO ROUND TAKE-OFF
12"ø	ROUND DUCT (FIGURE=SIZE)
	45° CONICAL ROUND TAKEOFF WITH REDUCER
	VOLUME DAMPER
	TURNING VANES
T	THERMOSTAT
N	NITESTAT
W	SPRING WOUND TWIST TIMER
OR	POINT OF NEW CONNECTION
TCC	TEMPERATURE CONTROLS CONTRACTOR
MC	MECHANICAL CONTRACTOR
EC	ELECTRICAL CONTRACTOR
GC	GENERAL CONTRACTOR
TAB	TESTING ADJUSTING BALANCING CONTRACTOR
TR	THRU ROOF
TEL	TOTAL ELEMENT LENGTH
FTEL	FINNED TUBE ENCLOSURE LENGTH
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
	CHECK VALVE
	BALL VALVE
	UNION OR FLANGE
	VALVE IN RISER
	SAFETY RELIEF VALVE
	BALANCING VALVE/CIRCUIT SETTER
	BUTTERFLY VALVE
	FLEX CONNECTOR
	BACKFLOW PREVENTER
	2-WAY CONTROL VALVE
	3-WAY CONTROL VALVE
	PRESS/TEMP. BULB WELL
	REDUCER/INCREASER
	EXPANSION JOINT
	STRAINER
AV	AIR VENT
	PRESSURE REDUCING VALVE

MECHANICAL EQUIPMENT SCHEDULE

MARK	FUNCTION	SERVES	LOCATION	OPERATING CONDITIONS	CAPACITIES & MOTOR RATINGS	MANUFACTURER & MODEL
AC-6	AIR CONDITIONING UNIT	COMPUTER AREA	ROOF	80°F db E.A.T. 62°F wb E.A.T. 105°F db O.A.T. 5,300 ft. alt.	38.1 MBH total cooling 35.8 MBH sensible cooling 1,600 CFM @ 0.8" E.S.P. (ductwork) 170 CFM OA, SEER/EER=15.0/12.2 1 HP Evap blower motor 460V, 3 Ph, 60Hz MCA=13 MOCP=15 Approx. Weight: 600 Lbs.	YORK: ZJ049 (4 ton)

CABINET: Single wall construction, exterior 18 ga. interior, .5" thick 1.5 lb./cf insulation
BLOWER: Forward-curved, centrifugal type
STARTER: Provided with unit; fused disconnect included
DRIVE: High range belt drive
MOTOR: 1-speed, ODP, 1750 RPM, variable pitch drive
COMPRESSOR: Welded, fully hermetic, independent circuits, internally protected, vibration isolators, R-410A or equal HFC refrigerant.
COND. FAN Propeller, direct drive motor
COILS: ARI standard 410, copper tube, aluminum fins
ECONOMIZER: Ambient air temperature control, 100% O.S.A., power exhaust
FILTERS: Side access with housing, access door, track; 4", MERV 11, 60% efficiency minimum
CONTROLS: Complete self-contained low voltage control circuit. Electronic programmable wall thermostat.
SAFETIES: Cooling – over-temp./over-press, loss of charge/low press switch, freezestat/evap. coil, high press switch, comp. cycle delay, air dryer on liquid line, factory mounted supply air smoke detector
OPTIONS: Head press control package, hail guard for cond. coil, convenience outlet (GFI) with current overload protection powered separately, coil guard
ROOF CURB: Full perimeter roof curb, min. 14" high.
PRIOR APPRV: BRYANT, CARRIER, McQUAY, TRANE, YORK

D-1	DIFFUSER	HVAC	T-bar ceiling	------	See HVAC plan for throat size and CFM 24" x 24" panel face, 4-way throw	PRICE: SCD

OPTIONS: Off-white finish, frame 31
PRIOR APPRV: CARNES, J & J REGISTER, KRUEGER, METAIL AIRE, NAILOR INDUSTRIES, PRICE, TITUS, TUTTLE & BAILEY

G-1	GRILLE	HVAC	T-bar Ceiling/sidewall	------	See HVAC plan for throat size See HVAC plan for panel face size	PRICE: 811B

OPTIONS: Off-white finish, aluminum construction
PRIOR APPRV: CARNES, J & J REGISTER, KRUEGER, METAL AIRE, NAILOR INDUSTRIES, PRICE, TITUS, TUTTLE & BAILEY

R-1	SUPPLY REGISTER	HVAC	Sidewall	------	See HVAC plan for throat size and CFM	PRICE: 520FL

OPTIONS: Steel construction, off-white finish

R-2	SUPPLY REGISTER	HVAC	Floor	------	See HVAC plan for throat size and CFM	PRICE: LBMH

OPTIONS: Extra heavy duty aluminum construction, opposed blade damper, medium bronze finish, mount in existing frame
PRIOR APPRV: CARNES, J & J REGISTER, KRUEGER, METAL AIRE, NAILOR INDUSTRIES, PRICE, TITUS, TUTTLE & BAILEY

EH-1	EXH HOOD	HVAC	Roof	------	12" x 12" Throat	GREENHECK HGR

OPTIONS: Provide with 14" roof curb
PRIOR APPRV: ACME, BREIDERT, CARNES, COOK, GREENHECK, PENN, TWIN CITY FAN

VVT-1	VVT BOX	HVAC	Ceiling	------	260 CFM @ max. 1200 FPM, 6" round	YORK: MERIDIAN

DESCRIPTION changeover variable air volume damper
CASING: Rolled & seam welded 18-gauge galvanized steel. Discharge end roll crimped to fit standard round ductwork.
DAMPER: 22ga. galvanized steel blade, seats against rolled bead in casing, factory provided integral 24 VAC electric actuator.
DRIVE: Gear driven, 57 second drive time, micro switches to stop drive motor at full open & full closed positions.
CONTROLS: VVT unit control module: microprocessor based terminal unit controller, provides pressure dependent flow control. Monitors zone temp. set points, zone temp., zone temp. rate of change, & valve position. Airflow controlled through DDC to maintain zone temp. setpoint. Provide with room temperature sensor. Compatible with existing York Meridian control panel.
CHGR: zone change over damper control only.
COMMUN: Controller has inherent ability to send. & receive data from York Meridian central control panel. Capable of monitoring/ editing current unit status, set points & setup.
PRIOR APPRV: CARRIER, TRANE, YORK

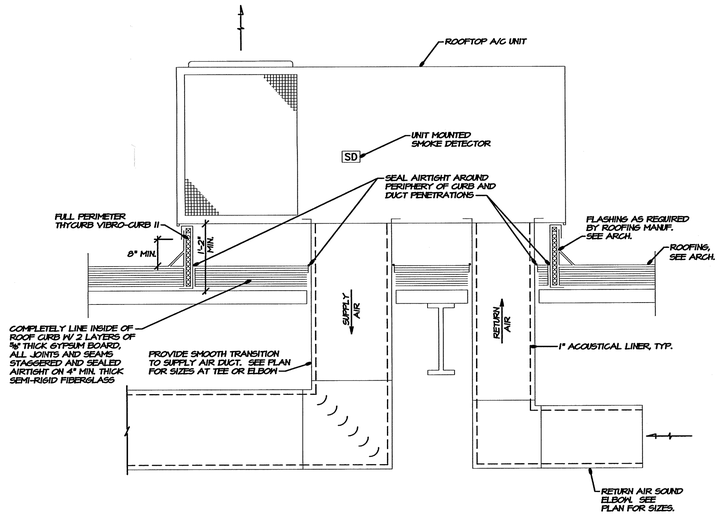
2009 Albuquerque Energy Conservation Code (2006 IECC) COMPLIANCE

Project: Erna Ferguson Library Modifications
3700 San Mateo Blvd NE
Albuquerque, NM 87110

Climate Zone	4			
Window and Glazing area	< 40%			
Item		Required	Provided	Meets Req.
Mechanical Equipment				
AC-6 Cooling only	<65,000 Btu/h	>/= 9.7 SEER	15.0 SEER	Yes

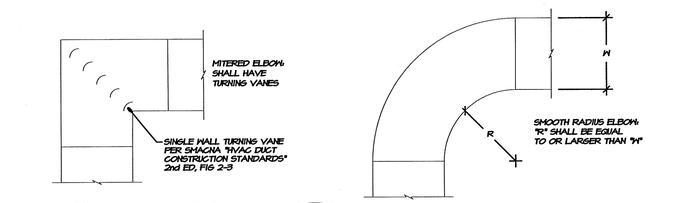
Ventilation Air

Room	Room Type	Area SF	Occupancy	OA CFM Required	OA CFM Provided	OA CFM Provided	Comments
Office 101R	Office	221	2	20	20	Yes	Air Handling Unit w/ Economizer
Office 102R	Office	120	2	12	14	Yes	Air Handling Unit w/ Economizer
Workroom 104R	Office	280	2	27	30	Yes	Air Handling Unit w/ Economizer
Stacks 107R	Library	250	3	45	45	Yes	Air Handling Unit w/ Economizer
Computer Area 108R	Library	810	8	137	170	Yes	Air Handling Unit w/ Economizer



A/C UNIT DETAIL
NO SCALE

1 / M-601



ELBOW AND TEE DETAILS
NO SCALE

2 / M-601

GENERAL NOTES

1. ALL SQUARE AND RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK SHALL HAVE 1" ACOUSTIC LINER. ALL ROUND DUCT SHALL BE INSULATED WITH 1-1/2" DUCT WRAP INSULATION. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE SHEET METAL SIZES.
2. ALL JOINTS AND SEAMS ON SUPPLY, RETURN, AND EXHAUST AIR DUCTS SHALL BE SEALED AIRTIGHT WITH AN APPROVED HEAVY MASTIC DUCT SEALANT. DUCT TAPE IS NOT ACCEPTABLE.
3. THE SHEET METAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE DUCTWORK TO ALLOW ADEQUATE CLEARANCE OF OTHER EQUIPMENT. THE CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES TO AVOID CONFLICTS.
4. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED TO PROVIDE ADEQUATE SERVICE CLEARANCES PER MANUFACTURER'S INSTRUCTIONS.
5. ALL ELBOWS AND TEES SHALL BE FABRICATED AS SHOWN PER DETAIL 2/M-601.
6. CONTRACTOR SHALL ENSURE A COMPLETE AND OPERATIONAL MECHANICAL SYSTEM.
7. INSTALL THERMOSTATS AT SWITCH HEIGHTS OR AS DIRECTED BY ARCH.
8. WHERE T-STAT GUARD OR LOCK BOX IS SPECIFIED ON PLANS, CONTRACTOR SHALL USE MODEL BTG-54VL BY BEKO (UNLESS NOTED OTHERWISE), OR APPROVED EQUAL. LOCK BOX SHALL BE METAL WITH HINGED COVER.
9. ALL ROOFTOP EQUIPMENT SHALL BE INSTALLED LEVEL. ADJUSTMENTS SHALL BE MADE IN THE CURBS/EQUIPMENT SUPPORTS OR BY USING TAPERED, TREATED WOOD SHIMS BELOW THE CURB AS DIRECTED BY THE ARCHITECT.
10. THE PHASE 2 CONTRACTOR SHALL PROVIDE TESTING, ADJUSTING AND BALANCING (TAB) SERVICE FOR UNITS XAC-3, XAC-4 AND AC-6. ADJUST SUPPLY AIR OUTLETS TO CFM QUANTITIES AS SHOWN ON SHEET M-101. TAB SERVICE SHALL BE PERFORMED UNDER THE PHASE 2 CONTRACT.
11. TEMPERATURE AND VVT CONTROLS AND INSTALLATION SHALL BE PROVIDED BY THE HVAC SUBCONTRACTOR. PROVIDE ALL NECESSARY HARDWARE, COMPONENTS, WIRING, ETC. TO ENSURE COMPLETE AND FULLY OPERATIONAL CONTROL OF THE HVAC EQUIPMENT.
12. NOTIFY OWNER AND OCCUPANTS OF ANY OUTAGES THAT MAY OCCUR. GIVE A 72 HOUR NOTICE BEFORE ANY NECESSARY OUTAGE.

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AS BUILT INFORMATION
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NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE
BENCH MARK

5/18/2011

NO.	REVISIONS/REMARKS	DATE	BY
		9/27/2010	HNE

DESIGNED BY: HNE DATE:
DRAWN BY: HNE DATE:
CHECKED BY: HNE DATE:

RECORD SET OF DRAWINGS
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CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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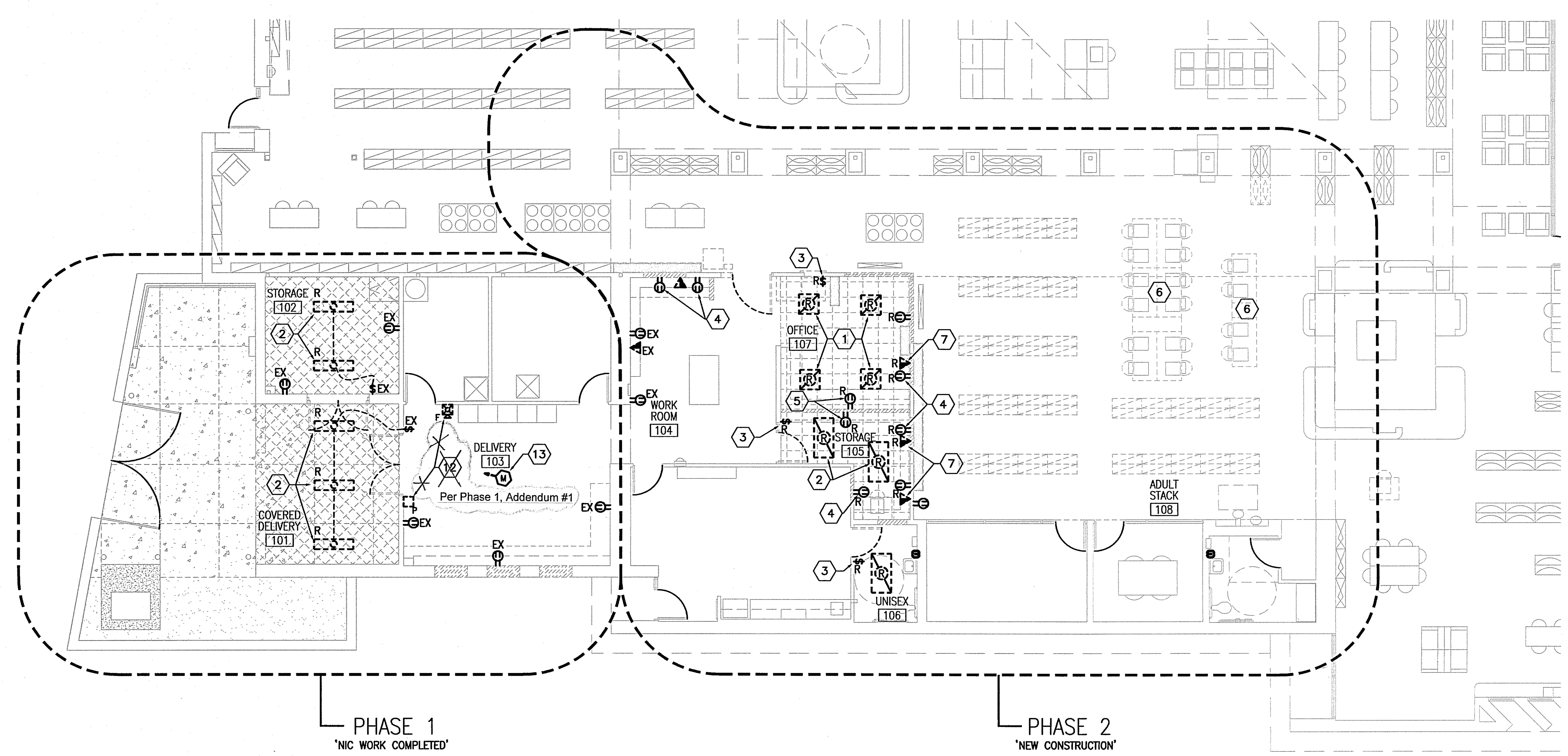
CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE:
PHASE 2 MECHANICAL EQUIPMENT SCHEDULE

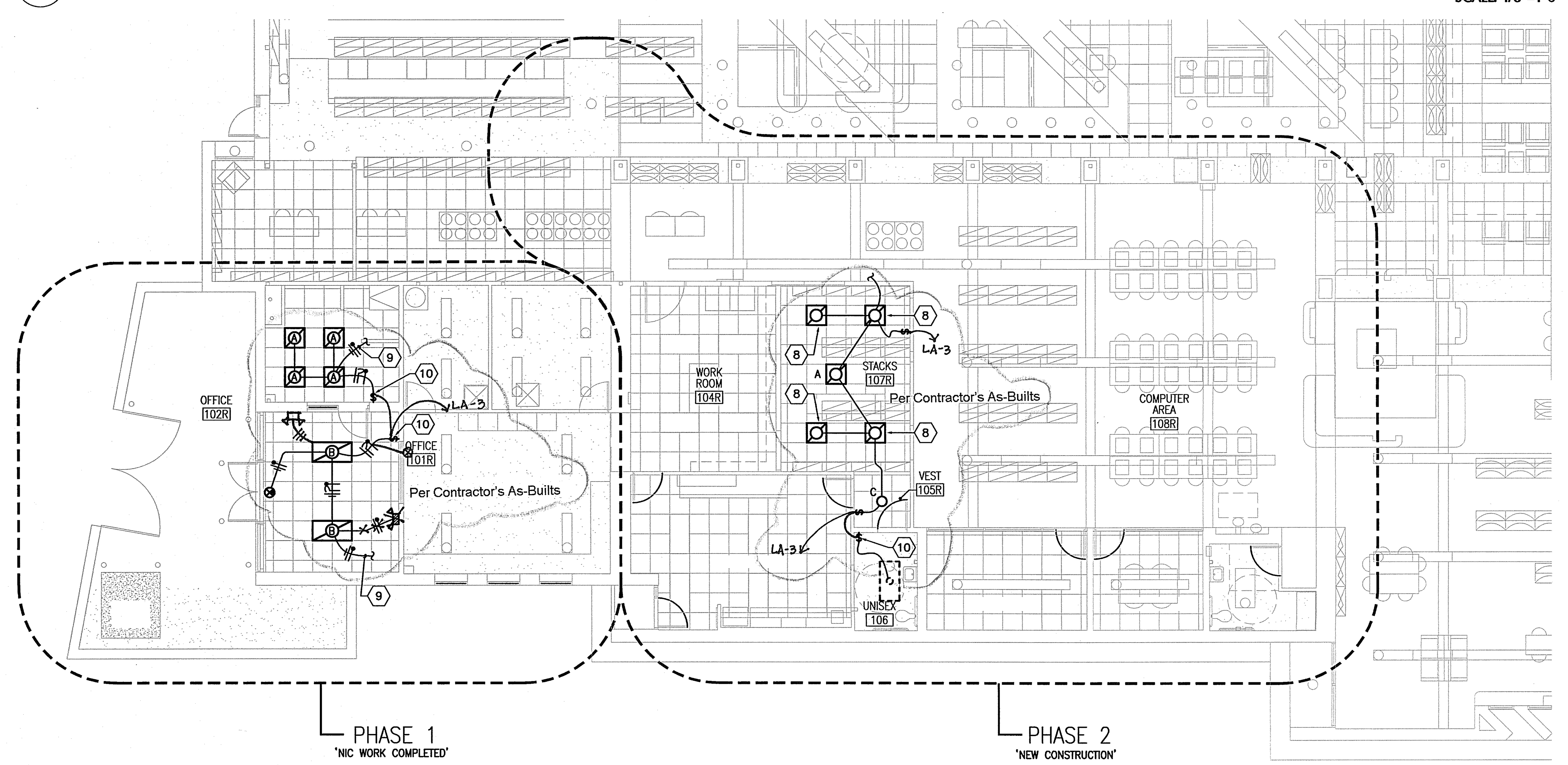
Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No. NUMBER | Zone Map No. G-18-Z | Sheet M-601 | 18 Of 21



C2 / E101 **ELECTRICAL DEMO FLOOR PLAN**

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



A2 / E101 **LIGHTING FLOOR PLAN**

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

LIGHTING COMPLIANCE - 2009 AECC - PHASE 1

INTERIOR LIGHTING
BUILDING TYPE: LIBRARY
SQUARE FOOTAGE: 677
TOTAL WATTS ALLOWED: 812
ACTUAL WATTS: 794

EXTERIOR LIGHTING: N.A.
TRADABLE WATTS ALLOWED: N.A.
ACTUAL TRADABLE WATTS: N.A.
NONTRADABLE WATTS ALLOWED: N.A.
ACTUAL NONTRADABLE WATTS: N.A.

THIS PROJECT IS IN COMPLIANCE WITH 2009 AECC

INDEPENDENT CONTROL AND UNIFORM LIGHT REDUCTION CAPABILITY REQUIREMENTS ARE MET CONSIDERING EXCEPTIONS.

EXTERIOR LIGHTING HAS AUTOMATIC CONTROLS CONTROLLED BY A PHOTOSENSOR OR ASTRONOMICAL TIME SWITCH TO TURN LIGHTING OFF WHEN SUFFICIENT DAYLIGHT IS AVAILABLE OR WHEN LIGHTING IS NOT REQUIRED.

FLUORESCENT AND HID LAMPS ARE PROVIDED WITH ELECTRONIC BALLASTS.

LIGHTING COMPLIANCE - 2009 AECC - PHASE 2

INTERIOR LIGHTING
BUILDING TYPE: LIBRARY
SQUARE FOOTAGE: 250
TOTAL WATTS ALLOWED: 310
ACTUAL WATTS: 308

EXTERIOR LIGHTING: N.A.
TRADABLE WATTS ALLOWED: N.A.
ACTUAL TRADABLE WATTS: N.A.
NONTRADABLE WATTS ALLOWED: N.A.
ACTUAL NONTRADABLE WATTS: N.A.

THIS PROJECT IS IN COMPLIANCE WITH 2009 AECC

INDEPENDENT CONTROL AND UNIFORM LIGHT REDUCTION CAPABILITY REQUIREMENTS ARE MET CONSIDERING EXCEPTIONS.

EXTERIOR LIGHTING HAS AUTOMATIC CONTROLS CONTROLLED BY A PHOTOSENSOR OR ASTRONOMICAL TIME SWITCH TO TURN LIGHTING OFF WHEN SUFFICIENT DAYLIGHT IS AVAILABLE OR WHEN LIGHTING IS NOT REQUIRED.

FLUORESCENT AND HID LAMPS ARE PROVIDED WITH ELECTRONIC BALLASTS.

KEYED NOTES ⬡

1. EXISTING FIXTURE WITH RELATED CONDUIT AND CONDUCTORS SHALL BE REMOVED AND BE REINSTALLED IN PER NEW LAYOUT. EXISTING LIGHTING CIRCUIT SHALL REMAIN AND BE EXTENDED TO NEW FIXTURE LOCATIONS.
2. EXISTING FIXTURES WITH RELATED CONDUIT AND CONDUCTORS SHALL BE REMOVED AND TURNED OVER TO THE OWNER. EXISTING LIGHTING CIRCUIT SHALL REMAIN AND BE EXTENDED TO NEW FIXTURES.
3. EXISTING LIGHTING SWITCH WITH RELATED CONDUIT AND CONDUCTORS SHALL BE REMOVED. CONTINUE CIRCUIT CONTINUITY TO REMAINING DEVICES.
4. THE EXISTING RECEPTACLE WITH RELATED CONDUIT AND CONDUCTORS ON THIS WALL SHALL BE REMOVED IN AREAS WHERE THE WALL WILL BE REMOVED. EXISTING RECEPTACLE SHALL REMAIN IF NOT BEING AFFECTED BY THE WALL REMOVAL. CONTINUE CIRCUIT CONTINUITY TO REMAINING DEVICES.
5. EXISTING RECEPTACLES SHALL REMOVED. CONTINUE CIRCUIT CONTINUITY TO DEVICES THAT ARE TO REMAIN.
6. EXISTING IN FLOOR WIRIWAY PRESETS SHALL REMAIN.
7. THE EXISTING VOICE/DATA WITH RELATED CONDUIT AND CABLING ON THIS WALL SHALL BE REMOVED IN AREAS WHERE THE WALL WILL BE REMOVED. EXISTING RECEPTACLE SHALL REMAIN IF NOT BEING AFFECTED BY THE WALL REMOVAL. CONTINUE CIRCUIT CONTINUITY TO REMAINING DEVICES.
8. REINSTALL EXISTING 2 X 2 FIXTURE AND CONNECT AS SHOWN ON DRAWINGS.
9. EXTEND AND CONNECT TO EXISTING LIGHTING CIRCUIT FOR THIS AREA
10. PROVIDE AND INSTALL NEW WALL SWITCH WITH OCCUPANCY SENSOR. CONNECT TO EXISTING FIXTURE. SWITCH SHALL BE AS MANUFACTURED BY WATTSTOPPER #DW-100 OR APPROVED EQUAL
11. CONNECT NEW LIGHTING IN THIS TO THE EXISTING WALL SWITCH. EXTEND CONDUIT AND CONDUCTORS AS REQUIRED.
12. THE CONTRACTOR SHALL RELOCATE THE EXISTING FIRE ALARM DEVICES. REFER TO SPECIAL SYSTEM PLAN ON E102 FOR NEW LOCATION.
13. THE CONTRACTOR SHALL RELOCATE MOTION SENSOR. REFER TO SPECIAL SYSTEM PLAN ON E102 FOR NEW LOCATION.

For added scope, refer to Electrical Sketch, Exhibit Q, on sheet RS-2.
Per Phase 1, Addendum #1

RECORD SET OF DRAWINGS
This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.
CHERRY/SEE/REAMES ARCHITECTS 4/13/2012
date

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AS BUILT INFORMATION: CONTRACTOR / DATE; WORK STAKED BY / DATE; INSPECTOR'S APPROVAL / DATE; FIELD VERIFICATION BY / DATE; DRAWING CORRECTED BY / DATE; MICRO-FILM INFORMATION; RECORDED BY / DATE; NO.

BENCH MARK

SURVEY INFORMATION / FIELD NOTES: NO. / BY / DATE

09036 — 6729 REGISTERED PROFESSIONAL ENGINEER — 5/19/11

REVISIONS/REMARKS: NO. / DATE / BY

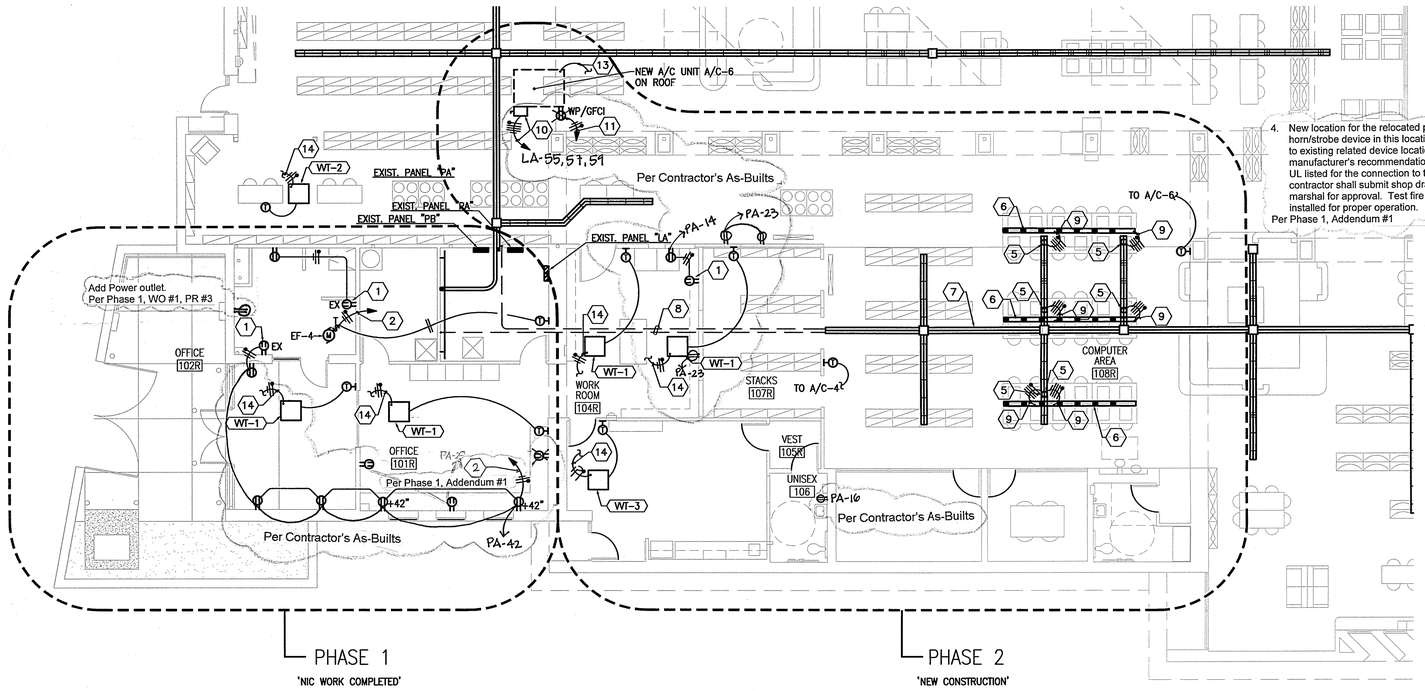
DESIGNED BY: DATE:
DRAWN BY: DATE:
CHECKED BY: DATE:

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: **DEMO/LIGHTING FLOOR PLAN**

Design Review Committee | City Engineer Approval | Last Design Update | MO./DAY/YR. | MO./DAY/YR.

City Project No. 7168.03 | Zone Map No. G-18-Z | Sheet E101 | 19 of 21



KEYED NOTES

1. EXTEND EXISTING CIRCUITING TO NEW RECEPTACLE AS SHOWN
2. HOMERUN TO EXISTING SPARE 20 AMP – 1 POLE CIRCUIT BREAKER IN PANEL "PA". TERMINATE AS REQUIRED.
3. NEW LOCATION OF MOTION SENSOR. EXTEND CONDUIT AND CABLING TO EXISTING LOCATION. TERMINATE PER EQUIPMENT MANUFACTURE REQUIREMENTS.
4. ~~NEW LOCATION OF FIRE ALARM DEVICES. EXTEND CONDUIT AND CABLING FROM CLOSEST EXISTING DEVICE AND TERMINATE PER MANUFACTURES REQUIREMENTS.~~
5. BOTH THE COMMUNICATION AND POWER PRESETS SHALL BE ACTIVATED AT THIS LOCATION. PROVIDE A TWO-GANG BRASS FLANGE, WIREMOLD #827B. CONTRACTOR SHALL PROVIDE A BRASS SINGLE CONDUIT TRIM PLATE FOR BOTH THE COMMUNICATION AND POWER OUTLET, WIREMOLD #430BR075. THE CONTRACTOR SHALL EXTEND A FLEX CONDUIT WITH CONDUCTORS AS SHOWN UP TO NEW WIREWAY MOUNTED ON UNDERSIDE OF DESK. AS CALLED OUT IN NOTE 6.
6. PROVIDE AND INSTALL A 2– LARGE CAPACITY NONMETALLIC RACEWAY, RECEPTACLE AND DATA OUTLET LOCATED AT 30" O.C. LENGTH AS SHOWN ON DRAWINGS, MOUNT BACK TO BACK UNDER TABLE TOP, AS HIGH AS POSSIBLE, COORDINATE WITH ARCHITECT PRIOR TO INSTALLATION. WIREWAY SHALL BE AS MANUFACTURE BY WIREMOLD # 5400TB WITH COVER PLATES END CAPS, CONDUIT CONNECTION POINT, SUPPORTS, DEVICE COVER PLATES, RECEPTACLES, DATA JACKS PER OWNERS REQUIREMENTS.
7. EXISTING WIREMOLD UNDER FLOOR DUCT BANK
8. EXISTING CONDUITS RUN BETWEEN THE EXISTING DUCT BANK AND PANELS OR TELEPHONE BOARD.
9. HOMERUN CIRCUIT CONDUCTORS TO EITHER PANEL "PA" OR "PB" TO EXISTING SPACES IN PANEL. PROVIDE AND INSTALL A 20 AMP – 1 POLE CIRCUIT BREAKER IN EXISTING SPACE FOR THE CONNECTION OF COMPUTER CIRCUITS. UPDATE PANEL SCHEDULE.
10. PROVIDE AND INSTALL A FUSIBLE DISCONNECT SWITCH, 30 AMPS, 3 POLE, 250 VOLTS, NEMA 3R ENCLOSURE, SN AND GROUND. SIZE FUSES PER EQUIPMENT MANUFACTURES RECOMMENDATION. HOMERUN 4 # 10 1" CONDUIT TO EXISTING PANEL "LA". INSTALL A 30 AMP – 3 POLE CIRCUIT BREAKER IN EXISTING SPACE IN PANEL FOR THE CONNECTION OF NEW A/C UNIT.
11. PROVIDE AND INSTALL A GFCI RECEPTACLE IN A WEATHERPROOF ENCLOSURE AT UNIT. CONNECT TO EXISTING ROOF RECEPTACLE CIRCUIT.
12. REFER TO THE POWER PLAN FOR COMMUNICATION PRESET INSTALLATION REQUIREMENTS.
13. EXTEND A 3/4" CONDUIT FROM A/C UNIT CONTROL PANEL DOWN TO THERMOSTAT LOCATION. COORDINATE LOCATION WITH THE MECHANICAL CONTRACTOR
14. EXTEND AND CONNECT CONTROL POWER FROM THE CLOSEST EXISTING CONTROL CIRCUIT.

4. New location for the relocated pull station. Provide and install a new horn/strobe device in this location as shown. Extend conduit and cabling to existing related device location and terminate per equipment manufacturer's recommendation. New devices shall be compatible and UL listed for the connection to the existing Fire-Lite control panel. The contractor shall submit shop drawings and send a copy to the fire marshal for approval. Test fire alarm systems after new devices are installed for proper operation.

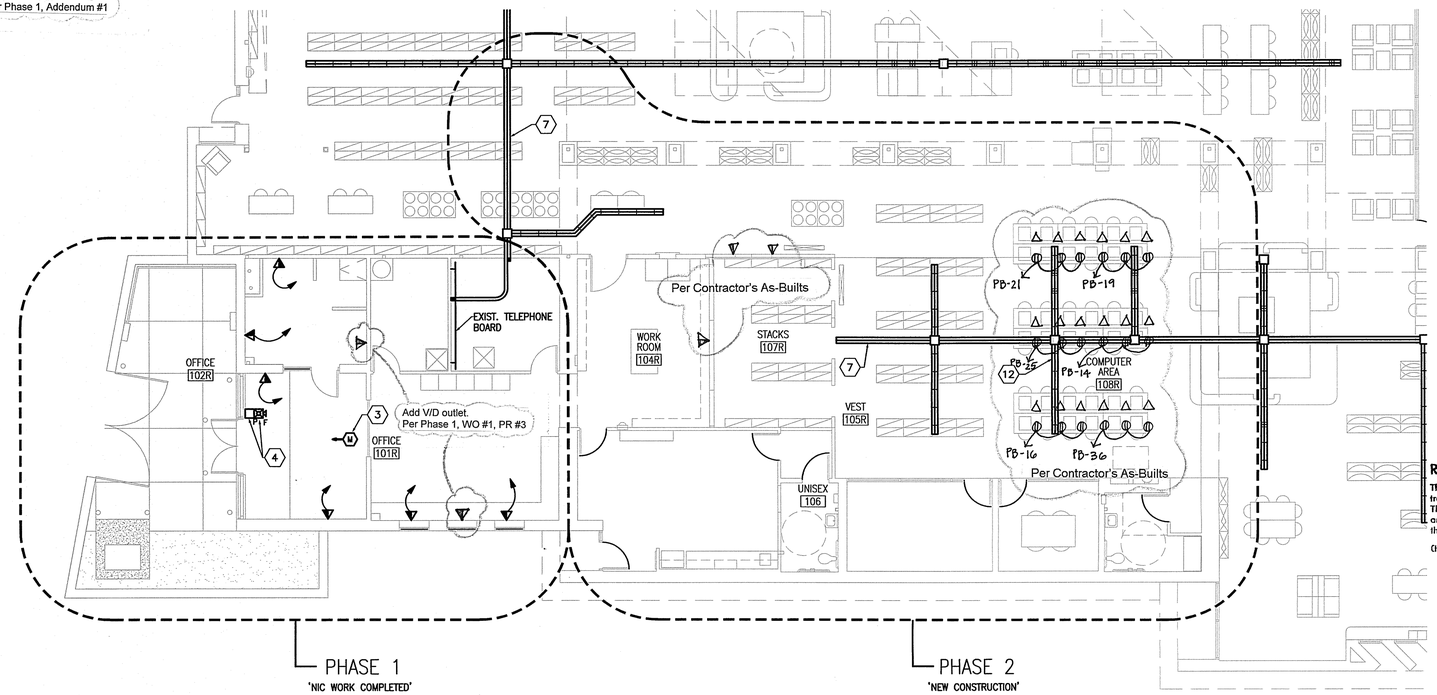
Per Phase 1, Addendum #1

C2 POWER FLOOR PLAN

E102

Per Phase 1, Addendum #1

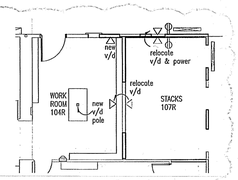
SCALE: 1/8"=1'-0"



1. Provide cover plates for the existing floor boxes in the computer area. Sandia Lightwave will remove any voice and data that are not being used. If possible, please provide a credit for the brass trim plates which have already been purchased for the project, minus the restocking fee.
2. At the southern most section of the eastern pony wall (added in PR2), please provide a furr-out to cover the two gang boxes for power and data. Wall should match conditions called for in PR2, including high impact gyp board and vinyl base. Furr-out to be 3-5/8" thick, or the minimum thickness to cover the new gang boxes. Refer to drawing sent in 12/8/11 email attachment.

Per Phase 2, CO #4, PR #4

1. Provide new voice/data on east wall of Work Room 104R as shown.
2. Relocate existing power and voice/data on east wall of Stacks 107R to opposite face of wall as shown.
3. Relocate existing voice data on north wall of Stacks 107R to opposite face of wall in Work Room 104R as shown.
4. Install new Aluminum Tele Power Pole in satin anodized aluminum finish to receive existing voice/data from ceiling to center of Work Room desk. Existing conduit providing this cabling was run with electrical flex conduit in same pipe. Remedy the code issue.



Per Phase 2, CO #1, PR #1

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

A2 SPECIAL SYSTEM FLOOR PLAN

E102

Per Phase 1, Addendum #1

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

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AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:

BENCH MARK
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

REVISIONS/REMARKS
NO. BY DATE

DESIGNED BY: DATE:
DRAWN BY: DATE:
CHECKED BY: DATE:

09036 5/19/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: POWER AND SPECIAL SYSTEM FLOOR PLAN

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet
7168.03	G-18-Z	E102 20 Of 21

PANEL: "LA" EX. PANEL · VOLTAGE: 277/480V–3ø–4W · MAINS: 400 AMP · AIC: 14,000
SOURCE: . · SKIRTS: N/A · FEED: BOTTOM · MAIN BREAKER: 400A/3P · MOUNTING: SURFACE

DESCRIPTION	BREAKER	LOAD (VA)	CCT NO.	LOAD (VA) øA	LOAD (VA) øB	LOAD (VA) øC	CCT NO.	LOAD (VA)	BREAKER	DESCRIPTION
LIGHTS	20A–1P	4340	1	7240			2	2900	20A–1P	LIGHTS
LIGHTS	20A–1P	3700	3		7100		4	3400	20A–1P	LIGHTS
LIGHTS	20A–1P	2600	5			6000	6	3400	20A–1P	LIGHTS
LIGHTS	20A–1P	2600	7	5200			8	2600	20A–1P	LIGHTS
LIGHTS	20A–1P	2600	9		4300		10	1700	20A–1P	LIGHTS
LIGHTS	20A–1P	2250	11			5650	12	3400	20A–1P	LIGHTS
EXTERIOR LIGHTS	20A–1P	900	13	2140			14	1240	20A–1P	EXTERIOR LIGHTS
EXTERIOR LIGHTS	20A–1P	950	15		3550		16	2600	20A–1P	EXTERIOR LIGHTS
.	40A	8577	17			10877	18	2300	20A–1P	EXTERIOR LIGHTS
UNIT AC–1	/	8577	19	24347			20	15770	70A	.
.	3P	8577	21		24347		22	15770	/	UNIT AC–4
.	40A	8577	23			24347	24	15770	3P	.
UNIT AC–2	/	8577	25	14691			26	6114	30A	.
.	3P	8577	27		14691		28	6114	/	UNIT AC–5
EXTERIOR LIGHTS	20A–1P	665	29			6779	30	6114	3P	.
.	25A	4675	31	5675			32	1000	20A–1P	LIGHTS
UNIT AC–3	/	4675	33		4675		34	·	20A–1P	SPARE
.	3P	4675	35			4675	36	·	20A–1P	SPARE
SPARE	20A–1P	·	37				38	·	20A–1P	SPARE
SPARE	20A–1P	·	39				40	·	20A–1P	SPARE
SPARE	20A–1P	·	41				42	·	20A–1P	SPARE
SPARE	20A–1P	·	43				44	·	20A–1P	SPARE
SPARE	20A–1P	·	45				46	·	20A–1P	SPARE
SPARE	20A–1P	·	47				48	·	20A–1P	SPARE
SPACE ONLY	1P	·	49	**3596**			50	**3596**	**20A**	**NEW A/C UNIT**
SPACE ONLY	1P	·	51		**3596**		52	**3596**	**/**	**PROVIDE NEW 20A–3P**
SPACE ONLY	1P	·	53			**3596**	54	**3596**	**3P**	**CIRCUIT BREAKER**
.	40A	7920	55	18180			56	10260	70A	.
PANEL "PB"	/	5640	57		12860		58	7220	/	PANEL "PA"
.	3P	5220	59			12240	60	7020	3P	.

TOTAL LOAD (VA): 76,473 | 71,523 | 69,903 — DOOR-IN-DOOR GROUND BUS

TOTAL CONNECTED (KVA): 217.9 · EX LOAD (KVA): 199.7 **– NEW LOAD 214.7 KVA – 258 AMPS**

PANEL: "PA" EX. PANEL · VOLTAGE: 120/208V–3ø–4W · MAINS: 225 AMP · AIC: 10,000
SOURCE: . · SKIRTS: N/A · FEED: TOP · MAIN BREAKER: 150A/3P · MOUNTING: SURFACE

DESCRIPTION	BREAKER	LOAD (VA)	CCT NO.	LOAD (VA) øA	LOAD (VA) øB	LOAD (VA) øC	CCT NO.	LOAD (VA)	BREAKER	DESCRIPTION
OUTLETS	20A–1P	1080	1	1980			2	900	20A–1P	OUTLETS
OUTLETS	20A–1P	900	3		1800		4	900	20A–1P	OUTLETS
OUTLETS	20A–1P	900	5			1800	6	900	20A–1P	OUTLETS
OUTLETS	20A–1P	1440	7	2520			8	1080	20A–1P	OUTLETS
OUTLETS	20A–1P	540	9		1440		10	900	20A–1P	OUTLETS
OUTLETS	20A–1P	900	11			1440	12	540	20A–1P	OUTLETS
OUTLETS	20A–1P	1080	13	2160			14	1080	20A–1P	OUTLETS
OUTLETS	20A–1P	1080	15		2160		16	1080	20A–1P	OUTLETS
OUTLETS	20A–1P	900	17			1980	18	1080	20A–1P	OUTLETS
OUTLETS	20A–1P	1080	19	1800			20	720	20A–1P	OUTLETS
OUTLETS	20A–1P	1080	21		1620		22	540	20A–1P	OUTLETS
OUTLETS	20A–1P	900	23			1800	24	900	20A–1P	OUTLETS
OUTLETS	20A–1P	900	25	1800			26	900	20A–1P	EWC
VVT BOXES	20A–1P	200	27		740		28	540	20A–1P	OUTLETS (ON ROOF)
EXHAUST FAN EF–3	20A–1P	696	29			1196	30	500	20A–1P	AUTOMATIC DOORS
REFRIGERATOR	20A–1P	1000	31	1720			32	720	20A–1P	EXHAUST FAN EF–1
VENDING	20A–1P	1000	33		1720		34	720	20A–1P	EXHAUST FAN EF–2
MICROWAVE	20A–1P	1000	35			1500	36	500	20A–1P	IRRIGATION HOT BOX
SPARE	20A–1P	·	37	500			38	500	20A–1P	SKYLIGHT – TOWER
SPARE	20A–1P	·	39		**600**		40	**600**	20A–1P	**COMPUTERS**
SPARE	20A–1P	·	41			**600**	42	**600**	20A–1P	**COMPUTERS**
SPARE	20A–1P	·	43	**600**			44	**600**	20A–1P	**COMPUTERS**
SPARE	20A–1P	·	45		**600**		46	**600**	20A–1P	**COMPUTERS**
SPARE	20A–1P	·	47			**600**	48	**600**	20A–1P	**COMPUTERS**
COMPUTERS	**20A–1P**	**600**	49	**1200**			50	**600**	**20A–1P**	**COMPUTERS**
COMPUTERS	**20A–1P**	**600**	51		**600**		52		1P	SPACE
COMPUTERS	**20A–1P**	**600**	53			**600**	54		1P	SPACE
COMPUTERS	**20A–1P**	**600**	55	**600**			56		1P	SPACE
COMPUTERS	**20A–1P**	**600**	57		**600**		58		1P	SPACE
COMPUTERS	**20A–1P**	**600**	59			**600**	60		1P	SPACE

EXISTING SPARE CIRCUIT BREAKERS

PROVIDE NEW 20A–1P CIRCUIT BREAKER

PROVIDE NEW 20A–1P CIRCUIT BREAKERS

TOTAL LOAD (VA): 10,260 | 7,220 | 7,020 — DOOR-IN-DOOR GROUND BUS

TOTAL CONNECTED (KVA): 24.5 · EXISTING LOAD (KVA): 17.25 **– NEW LOAD 24.5 KVA – 68 AMPS**

PANEL: "PB" EX. PANEL · VOLTAGE: 120/208V–3ø–4W · MAINS: 100 AMP · AIC: 10,000
SOURCE: PANEL "LA" · SKIRTS: N/A · FEED: TOP · MAIN BREAKER: 100A/3P · MOUNTING: SURFACE

DESCRIPTION	BREAKER	LOAD (VA)	CCT NO.	LOAD (VA) øA	LOAD (VA) øB	LOAD (VA) øC	CCT NO.	LOAD (VA)	BREAKER	DESCRIPTION
OUTLETS	20A–1P	720	1	1440			2	720	20A–1P	OUTLETS
OUTLETS	20A–1P	720	3		1440		4	720	20A–1P	OUTLETS
OUTLETS	20A–1P	720	5			1440	6	720	20A–1P	OUTLETS
CIRCULATION DESK	20A–1P	720	7	1440			8	800	20A–1P	FLOOR OUTLET
CIRCULATION DESK	20A–1P	720	9		1320		10	600	20A–1P	FLOOR OUTLET
CIRCULATION DESK	20A–1P	720	11			1520	12	800	20A–1P	FLOOR OUTLET
CIRCULATION DESK	20A–1P	720	13	1440			14	720	20A–1P	FLOOR OUTLET
CIRCULATION DESK	20A–1P	720	15		1440		16	720	20A–1P	FLOOR OUTLET
CIRCULATION DESK	20A–1P	720	17			1440	18	720	20A–1P	DESK
FLOOR OUTLET	20A–1P	720	19	1440			20	720	20A–1P	DESK
FLOOR OUTLET	20A–1P	720	21		1440		22	720	20A–1P	DESK
FLOOR OUTLET	20A–1P	720	23			820	24	100	20A–1P	EAS PANEL
FLOOR OUTLET	20A–1P	720	25	**1320**			26	**600**	20A–1P	**COMPUTERS**
FLOOR OUTLET	20A–1P	720	27		**1320**		28	**600**	20A–1P	**COMPUTERS**
FLOOR OUTLET	20A–1P	720	29			**1320**	30	**600**	20A–1P	**COMPUTERS**
COLUMN OUTLET	20A–1P	360	31	**960**			32	**600**	20A–1P	**COMPUTERS**
COLUMN OUTLET	20A–1P	360	33		**960**		34	**600**	20A–1P	**COMPUTERS**
SPARE	20A–1P	·	35			**600**	36	**600**	**20A–1P**	**COMPUTERS**
SPARE	20A–1P	·	37				38	·	1P	SPACE ONLY
SPARE	20A–1P	·	39				40	·	1P	SPACE ONLY
SPARE	20A–1P	·	41				42	·	1P	SPACE ONLY

EXISTING SPARE CIRCUIT BREAKERS

PROVIDE NEW 20A–1P CIRCUIT BREAKER

TOTAL LOAD (VA): 7,920 | 5,640 | 5,270 — DOOR-IN-DOOR GROUND BUS

TOTAL CONNECTED (KVA): 19.6 · EXISTING LOAD (KVA): 14.8 **– NEW LOAD 18.4 KVA – 51 AMPS**

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
○	CEILING OUTLET AND RECESSED FIXTURE
⊢○	WALL OUTLET AND RECESSED FIXTURE
●□	POLE MOUNTED FIXTURE
▭	FLUORESCENT OUTLET AND FIXTURE
	SINGLE FACED EXIT SIGN WITH ARROWS AS INDICATED
$	SINGLE POLE SWITCH, FLUSH MOUNTED 48" A.F.F.
$T	THERMAL SWITCH, WEATHERPROOF IF INSTALLED OUTSIDE
⊖	DUPLEX CONVENIENCE OUTLET, 18" A.F.F.
⊖WP	WEATHERPROOF DUPLEX CONVENIENCE OUTLET, 18" A.F.F. BOX AND DEVICE SHALL BE SIMILAR AND EQUAL TO PASS & SEYMOUR #1591–F46 (DEVICE) AND #4600 (FLUSH MOUNTED LOCKING BOX)
⊖GFCI	DUPLEX CONVENIENCE OUTLET, GROUND FAULT CIRCUIT INTERRUPTER, 18" A.F.F.
⊕	QUADPLEX CONVENIENCE OUTLET, 18" A.F.F.
J	JUNCTION BOX INSTALLED ABOVE THE CEILING WITH FLEXIBLE CONDUIT CONNECTION TO LAY–IN FIXTURES. MAXIMUM 4'–0" LENGTH OF CONDUIT, WITH REQUIRED CONDUCTORS ALONG WITH GREEN GROUND CONDUCTOR
J	JUNCTION BOX FLUSH IN WALL, HEIGHT AS INDICATED ON DRAWINGS, WITH CONNECTION TO EQUIPMENT
	CONCEALED BRANCH CIRCUIT WITH CONDUCTORS AS INDICATED. NEUTRAL, HOT, SWITCH LEG AND GROUND, RESPECTIVELY
	BRANCH CIRCUIT OR CONDUIT INSTALLED UNDERGROUND OR UNDER FLOOR
P2–2,4	HOMERUN TO PANELBOARD WITH BRANCH CIRCUIT NUMBERS INDICATED
	VOICE/DATA OUTLET, 2 GANG BOX WITH SINGLE GANG MUD RING, 18" A.F.F.. 1" CONDUIT WITH PULLCORD TO TELEPHONE TERMINAL BOARD.
	VOICE/DATA OUTLET, 2 GANG BOX WITH SINGLE GANG MUD RING, 18" A.F.F.. 1" CONDUIT WITH PULLCORD STUBBED INTO ACCESSIBLE CEILING SPACE
	VOICE/DATA OUTLET, RESPECTIVELY, FLUSH IN FLOOR. 1" CONDUIT WITH PULLCORD TO TELEPHONE OR DATA TERMINAL BOARD.
TV	TV OUTLET BOX, 2 GANG BOX WITH SINGLE GANG MUD RING, 18" A.F.F.. 3/4" CONDUIT WITH PULLCORD STUBBED INTO ACCESSIBLE CEILING SPACE
F	FIRE ALARM MANUAL PULL STATION, 48" A.F.F.
FA	FIRE ALARM AUDIO/VISUAL DEVICE 80" A.F.F.
FV	FIRE ALARM VISUAL DEVICE 80" A.F.F.
SD	FIRE ALARM SMOKE DETECTOR, PHOTOELECTRIC TYPE
DD	FIRE ALARM DUCT SMOKE DETECTOR
HD	FIRE ALARM HEAT DETECTOR

ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION
(F)	MOTOR CONNECTION FOR FRACTIONAL HP MOTOR (1/3 HP OR LESS). PROVIDE THERMAL OVERLOAD SWITCH (WEATHERPROOF IF OUTSIDE) ADJACENT TO MOTOR UNLESS SWITCH IS SHOWN ELSEWHERE ON PLANS
F	FUSED DISCONNECT SWITCH, FUSE, POLES AND RATING AS INDICATED OR AS REQUIRED, NEMA 3R IF INSTALLED OUTSIDE
T	TRANSFORMER, DRY TYPE, SIZE AS INDICATED
MU–1	MECHANICAL UNIT
T	THERMOSTAT, 48" A.F.F.
	120V PANELBOARD, REFER TO PANEL SCHEDULE
	277V PANELBOARD, REFER TO PANEL SCHEDULE
	SPECIAL PURPOSE CABINET, AS INDICATED ON DRAWINGS
	3/4" PLYWOOD TELEPHONE BACKBOARD WITH TWO COATS OF GRAY INSULATING PAINT
W	INTRUSION ALARM MOTION SENSOR, ARROW INDICATES DIRECTION, OWNER FURNISHED. 2–GANG BOX WITH SINGLE GANG MUD RING. 1" CONDUIT WITH PULLCORD STUBBED INTO ACCESSIBLE CEILING SPACE
M	INTRUSION ALARM MOTION SENSOR, ARROW INDICATES DIRECTION, OWNER FURNISHED. 2–GANG BOX WITH SINGLE GANG MUD RING. 1" CONDUIT WITH PULLCORD BACK TO TELEPHONE TERMINAL BOARD.
K	KEYED, OWNER FURNISHED, 2–GANG BOX WITH SINGLE GANG MUD RING, 48" A.F.F. 1" CONDUIT WITH PULLCORD STUBBED INTO ACCESSIBLE CEILING SPACE
WP	WEATHERPROOF (NEMA 3R)
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
(M)	MECHANICAL (FURNISHED UNDER DIVISION 15)
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINISHED GRADE
EX	EXISTING
FACP	FIRE ALARM CONTROL PANEL

NOTES:
- LIGHTING FIXTURES ARE OF TYPE AS INDICATED ON LIGHT FIXTURE SCHEDULE U.N.O.
- ALL MOUNTING HEIGHTS ARE TO CENTERLINE OF DEVICE U.N.O.
- ANY SPECIFIC DETAILS ABOVE (MOUNTING HEIGHTS, PART NUMBERS, CONNECTION METHODS, ETC) MAY BE MODIFIED OR REPLACED BY INFORMATION ON PLANS, SCHEDULES, DETAILS, RISERS, ETC. DETAILS NOT SPECIFICALLY MODIFIED REMAIN AS GIVEN ABOVE.

LIGHT FIXTURE SCHEDULE

TYPE	FIXTURE DESCRIPTION	LAMPS	MOUNTING
AR	2'X2' RECESSED PARABOLIC FLUORESCENT FIXTURE, SILVER LOUVERS, 9 CELL, SEMI–SPECULAR HAZE LOUVER FINISH, ELECTRONIC BALLAST METALUX #2EP3GX–2U6T8S331–277–EB81	2–FU32T8 3500'K	RECESSED T–GRID
B	2'x4' FLUORESCENT STATIC TROFFER, 0.125" ACRYLIC LENS, ELECTRONIC BALLAST METALUX #2GC–232–A125–277–EB81	2–F32T8 3500'K	RECESSED T–GRID
C	RECESSED DOWNLIGHT 1–18 WATT PL PORTFOLIO #C6118–6251–LI–WF	1–18W PL	RECESSED CEILING
G	EXIT SIGN, LED, SELF–POWERED, NICKEL CALCIUM BATTERY, DIECAST HOUSING, GREEN LETTERS, WHITE FINISH SURE–LITES #CAX–7–1–70–00–G–W	WITH UNIT	UNIVERSAL
X1	EDGELIT EXIT SIGN, LED, SELF POWERED, NICKEL CADMIUM BATTERY, WHITE FINISH, GREEN LETTERS, CLEAR BACKGROUND SURE–LITES #ELX–7–1–70–WH–G–120/277–C	WITH UNIT	RECESSED CEILING

ELECTRICAL SPECIFICATIONS

A. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL FACILITIES IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, PLANS AND ASSOCIATED NOTES, NATIONAL ELECTRICAL CODE, STATE AND LOCAL CODES AND IN A NEAT AND WORKMANLIKE MANNER.

B. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS AT THE JOB SITE.

C. THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL THERMOSTATS, CONTROLS AND MAKE REQUIRED CONNECTIONS TO EQUIPMENT FURNISHED BY OTHERS.

D. THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF ALL PERMITS, TESTS AND INSPECTIONS, AND VISIT THE SITE OF WORK PRIOR TO SUBMITTING BID.

E. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES AND REFER TO ARCHITECTURAL PLANS FOR DETERMINING THE EXACT LOCATION OF OUTLETS.

F. THE ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR A PERIOD OF ONE YEAR AFTER DATE OF ACCEPTANCE.

G. A SET OF MARKED UP PRINTS SHALL BE PREPARED SHOWING ALL CHANGES MADE DURING CONSTRUCTION AND TURN IT OVER TO THE OWNER AT THE END OF THE CONSTRUCTION. ALL CHANGES MUST HAVE THE OWNER'S APPROVAL.

H. ANY DISCREPANCY BETWEEN MATERIAL DESCRIPTION AND CATALOG NUMBER SHALL BE BROUGHT TO THE ARCHITECT'S, ENGINEER'S OR OWNER'S ATTENTION IMMEDIATELY.

I. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OR CATALOG CUT SHEETS ON ALL LIGHTING FIXTURES WHICH MAY BE SUBSTITUTED FROM THAT SPECIFIED IN CONTRACT DOCUMENTS.

J. INTERRUPTION OF ANY ELECTRICAL SERVICES SHALL BE COORDINATED WITH THE OWNER AT LEAST 7 DAYS PRIOR TO THE INTENDED OUTAGE AND SHALL BE REQUESTED IN WRITING WITH A COPY TO THE ARCHITECT AND OWNER.

K. CONTRACTOR SHALL OBTAIN FROM THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK, THE EXISTING PLANS WHICH INDICATE THE APPROXIMATE ELECTRICAL LAYOUT OF LIGHTING FIXTURES, OUTLETS, CONDUIT, WIRING, CIRCUITS, ETC.

L. ALL CONDUCTORS TO BE #12 AWG TW UNLESS NOTED OTHERWISE. IT IS PERMISSIBLE FOR THE CONTRACTOR TO USE THHN WIRING IN EXISTING CONDUITS.

M. 120 VOLT BRANCH CIRCUIT RUNS WHICH EXCEED ONE HUNDRED FEET IN LENGTH SHALL BE #10 TW.

N. PROVIDE SEPARATE COLOR CODING FOR 120/208V–3ø–4W, 240V–3ø–4W AND 277/480V–3ø–4W CIRCUITS. MAINTAIN SAME COLOR CODING THROUGHOUT.

O. FIXTURES SHALL BE PROVIDED WITH ELECTRONIC BALLAST.

P. CONDUITS SHALL BE ROUTED CONCEALED WHERE POSSIBLE IN FLOORS, WALLS, OR CEILINGS IN A NEAT AND WORKMANLIKE MANNER.

Q. CONDUITS RUN EXPOSED ON CEILING OR WALLS SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER, MAKING ALL RUNS STRAIGHT AT PARALLEL OR PERPENDICULAR ANGLES TO BUILDING STRUCTURE.

R. ALL CONDUITS WHICH COME IN CONTACT WITH EARTH SHALL BE WRAPPED IN SCOTCH WRAP #51 OR PLASTIC COATED. ALL FEEDERS AND HOMERUNS SHALL BE 1" MINIMUM.

S. ANY EXPOSED WIREMOLD, CONDUITS, BOXES, ETC., SHALL BE PAINTED TO MATCH WALL FINISH THAT IT IS INSTALLED ON.

T. ALL DUPLEX RECEPTACLES SHALL BE HUBBELL #5262–IVORY.

U. ALL COVERPLATES SHALL BE STAINLESS STEEL.

V. ALL PULLBOXES SHALL BE CODE GA. AND MEET THE MINIMUM SIZES AS RECOMMENDED BY THE N.E.C.

W. PANELBOARDS SHALL HAVE A CIRCUIT BREAKER RATED PER THE EXISTING PANELBOARD REQUIREMENTS.

X. FURNISH AND INSTALL ALL CHANNELS REQUIRED FOR THE SUPPORT OF RECESSED AND SURFACE FLUORESCENT AND INCANDESCENT LIGHTING FIXTURES.

Y. PRIOR TO INSTALLATION OF NEW AND RELOCATED LIGHTING FIXTURES, THE CONTRACTOR SHALL REMOVE THE CEILING TILES IN EACH LOCATION WHERE THE LIGHTING FIXTURES ARE INDICATED TO BE INSTALLED. IF A CONFLICT IS ENCOUNTERED AT ANY OF THE LOCATIONS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ARCHITECT AND OWNER OF THE PROBLEM. THIS MAY REQUIRE THE SHIFTING OF ONE OR TWO COMPLETE ROWS OF FIXTURES FROM THE LOCATIONS INDICATED ON THE DRAWINGS.

Z. EXISTING LIGHTING FIXTURES, JUNCTION BOXES, CONDUIT, POWER AND TELEPHONE RECEPTACLES THAT ARE INDICATED ON THE PLAN EITHER DASHED OR WITH THE LETTERS "EX" INDICATED ON OR NEAR THE ITEM OF EQUIPMENT, ETC.

AA. IT IS INTENDED FOR THE CONTRACTOR TO REUSE THE EXISTING CONDUIT SYSTEMS WITHIN THE BUILDING WHERE POSSIBLE AND FEASIBLE. WIRING SHALL BE REPLACED WHERE NEW WORK IS BEING PERFORMED. WIRING INDICATED ON PLANS IN EXISTING CONDUIT RUNS IS NEW.

AB. IN ALL CONDUIT WHERE EXISTING CIRCUITS ARE AFFECTED BY THE REMOVAL OF CONDUIT, WIRING, RECEPTACLES OR LIGHTING FIXTURES, THE BLOCKING OUT OF EXISTING OUTLET BOXES, ETC., AND THE CIRCUIT IS STILL REQUIRED TO FEED OTHER OUTLETS, ETC., WHICH ARE TO REMAIN, THE ELECTRICAL CONTRACTOR SHALL REFEED AS REQUIRED THE ITEMS OF EQUIPMENT WHICH ARE TO REMAIN IN SERVICE AFTER THE COMPLETION OF THE REMODEL AT NO ADDITIONAL COST TO THE OWNER.

AC. IT MAY BECOME NECESSARY FOR THE ELECTRICAL CONTRACTOR TO RELOCATE EXISTING CONDUIT, CHANNELS, AND OTHER SUPPORTS WHICH MAY PARTIALLY CONFLICT WITH SOME OF THE NEW OR RELOCATED RECESSED LIGHTING FIXTURES. CONTRACTOR SHALL RELOCATE THESE ITEMS AT NO ADDITIONAL COST TO THE OWNER.

AD. CONTRACTOR SHALL REMOVE EXISTING PANELBOARD DIRECTORIES FROM PANELBOARDS AND REPLACE WITH NEW. CONTRACTOR SHALL TRACE OUT ALL CIRCUITS IN EACH OF THE ABOVE PANELBOARDS AND PROVIDE THE CORRECTED INFORMATION ON THE NEW TYPEWRITTEN PANELBOARD DIRECTORIES.

AE. REMOVE EXISTING 1x4, 2x2 AND 2x4 FLUORESCENT FIXTURES WITHIN PROJECT AREA. CONTRACTOR SHALL CHECK EXISTING FIXTURE WIRING AND BALLASTS AND REPAIR OR REPLACE AS REQUIRED FOR PROPER FIXTURE OPERATION. RELAMP FIXTURES WITH NEW LAMPS. CLEAN AND WASH FIXTURE HOUSING AND LENSES. REINSTALL FIXTURES AT NEW LOCATIONS AS INDICATED ON DRAWINGS.

RECORD SET OF DRAWINGS
This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.
CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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SURVEY INFORMATION — FIELD NOTES — BY — DATE — NO.

BENCH MARK

AS BUILT INFORMATION — CONTRACTOR — DATE: — WORK STAKED BY — DATE: — INSPECTOR'S APPROVAL — DATE: — FIELD VERIFICATION BY — DATE: — DRAWING CORRECTED BY — DATE: — MICRO–FILM INFORMATION — RECORDED BY — DATE: — NO.

REVISIONS/REMARKS — NO. — DATE — BY

DESIGNED BY: — DATE:
DRAWN BY: — DATE:
CHECKED BY: — DATE:

REGISTERED PROFESSIONAL ENGINEER — STATE OF NEW MEXICO — 6729
09036 5/19/11

CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

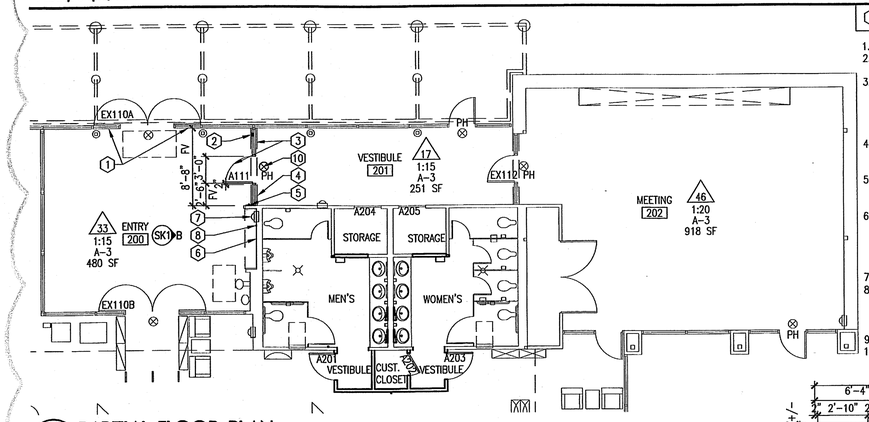
TITLE: ELECTRICAL LEGEND AND FIXTURE SCHEDULE

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	E501	21 of 21

IMPROVEMENTS TO ERNA FERGUSSON LIBRARY
Albuquerque, NM

PR #2
Attachement #1, Sketch #1

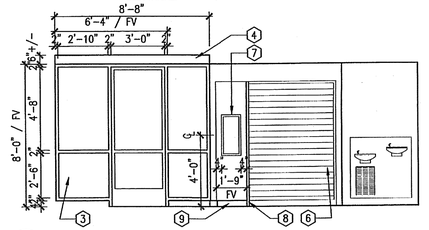


A SK1 PARTIAL FLOOR PLAN

1/8"=1'-0"

KEYED NOTES

1. EXISTING TUBELITE E14000 ALUMINUM WINDOW WALL GLAZING SYSTEM.
2. EXISTING FLOOR OUTLET. REMOVE, CAP AND COVER. PATCH CARPET AS NECESSARY.
3. NEW TUBELITE 4500 DOOR AND SIDELIGHT TO MATCH EXISTING ADJACENT WINDOW WALL GLAZING SYSTEM. NEW DOOR AND SIDELIGHTS TO ALIGN WITH AND MATCH EXISTING DOOR EX112. PROVIDE 1/2" CLEAR TEMPERED GLAZING. SEE ATTACHMENT #3 FOR CONNECTION DETAIL AT EXISTING.
4. PROVIDE FURR-DOWN SOFFIT ABOVE NEW DOOR. MATCH EXISTING ADJACENT SOFFIT. PROVIDE SMOOTH TRANSITION BETWEEN OLD AND NEW; TEXTURE AND PAINT TO MATCH.
5. FIRE ALARM PANEL AND STROBE TO BE MOVED TO CLEAR NEW WALL. COORDINATE ALL FIRE ALARM WORK WITH MICROTEK AND CHARLES SIERRA, INCLUDING RESTROOM VESTIBULE STROBES AT 2 LOCATIONS.
6. CUT EXISTING SLATS TO LEAVE 1'-10" +/- OF EXPOSED GYP BOARD AT THE EAST EDGE OF THE ALCOVE. TEXTURE AND PAINT NEWLY EXPOSED GYP BOARD TO MATCH EXISTING. REUSE END TRIM AND RELOCATE AT CUT SLATS. MATCH EXISTING FINISH EDGE IN SIZE, TYPE, PROFILE AND FINISH.
7. PROVIDE NEW FIRE EXTINGUISHER AND CABINET TO MATCH EXISTING.
8. 1-1/2" OAK TRIM. MOVE FROM EXISTING LOCATION (EAST EDGE OF ALCOVE), TO NEW LOCATION SHOWN. CUT EXISTING HORIZONTAL TRIM AND SLAT PIECES, SAND AND PAINT ENDS. PROVIDE SMOOTH TRANSITION AT NEW LOCATION.
9. PROVIDE OAK BASE TO MATCH EXISTING WHERE REQUIRED.
10. PROVIDE NEW EXIT SIGN TO MATCH EXISTING. COORDINATE WIRING WITH ELECTRICAL..



B SK1 INTERIOR ELEVATION

1/4"=1'-0"

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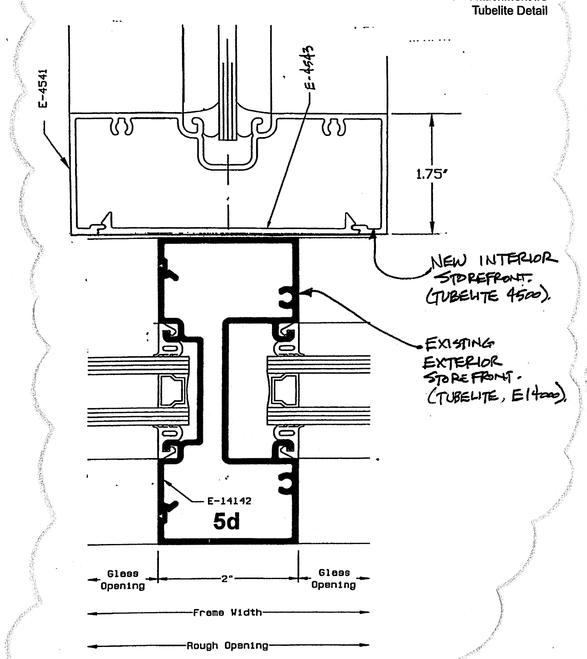
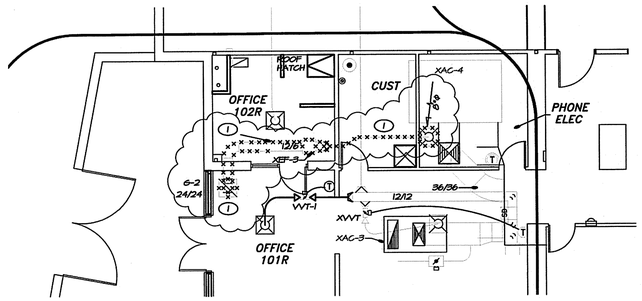
JANUARY 27, 2011
PAGE 1 OF 1

PER PHASE 1, WO #1, PR #2
REFER TO SHEET A-101

Attachment #3
Tubelite Detail

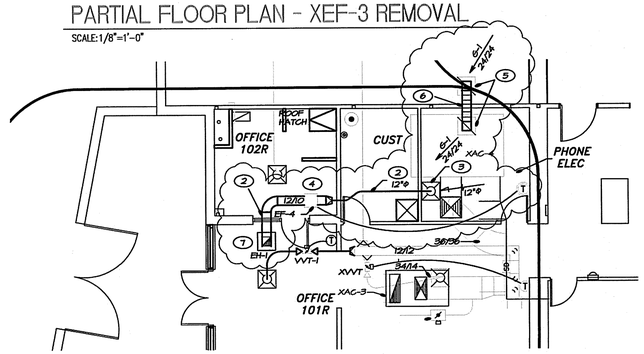


PER PHASE 1, WO #1, PR #2
REFER TO PR #2, ATTACHMENT #1 ABOVE



PARTIAL FLOOR PLAN - XEF-3 REMOVAL

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



PARTIAL FLOOR PLAN - HVAC REVISION

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

NOTE: ALL OTHER HVAC WORK IN THIS AREA IS TO BE AS SHOWN ON SHEET M-101.

KEYNOTES

1. REMOVE DUCTWORK, DIFFUSER, EQUIPMENT, ECT. AS INDICATED BY 'X'.
2. NEW DUCTWORK IN CEILING SPACE. CAREFULLY COORDINATE INSTALLATION WITH STRUCTURAL AND SPACE AVAILABLE.
3. MODIFY EXISTING GRILLE TO 12"ø NECK. CONNECT NEW 12"ø DUCT TO GRILLE.
4. PROVIDE NEW EXHAUST FAN EF-4. GREENHECK MODEL BCF-107-4, 120V/1P, 600 CFM @ .4" SP. CONNECT TO EXISTING ELECTRICAL POWER AND THERMOSTAT CONTROL. CAREFULLY COORDINATE INSTALLATION WITH STRUCTURAL AND SPACE AVAILABLE.
5. PROIVDE NEW TRANSFER AIR GRILLES IN CEILING WITH 12"X12" TRANSFER AIR DUCT ABOVE THE CEILING BETWEEN. COORDINATE GRILLE LOCATIONS WITH LIBRARY SIDE CEILING GRID.
6. PROVIDE NEW 1-1/2 HR RATED FIRE DAMPER WITH SLEEVE THRU FIRE RATED WALL.
7. PROVIDE NEW ROOFTOP EXHAUST HOOD AND CONNECT TO NEW EXHAUST DUCTWORK AS SHOWN. COORDINATE INSTALLATION OF ROOF CURB AND EXHAUST HOOD WITH GENERAL CONTRACTOR.

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ALBUQUERQUE, NEW MEXICO 87106
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ERNA FERGUSON LIBRARY MODIFICATIONS
DRAWN BY: HNE
CHECKED BY: HNE
DATE: 10/14/10
SKETCH NUMBER:
SK M-101.01
REF. M-101

DANIEL E. HARMEYER NEW MEXICO (14485) REGISTERED PROFESSIONAL ENGINEER 10/14/10

Addendum # 1
Exhibit M

PER PHASE 1, ADDENDUM #1
REFER TO SHEET M-101

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:

BENCH MARK

MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

NO.	REVISIONS/REMARKS	BY	DATE

DESIGNED BY: DJS DATE: -
DRAWN BY: RCB DATE: -
CHECKED BY: - DATE: -

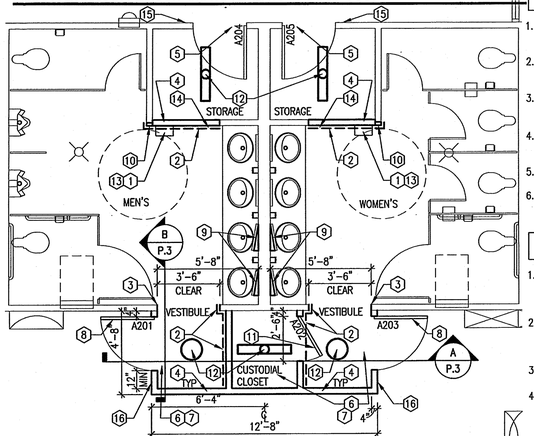
CITY OF ALBUQUERQUE
ERNA FERGUSSON LIBRARY MODIFICATIONS

TITLE: RECORD SET DRAWING

Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR.	MO./DAY/YR.

City Project No. 7168.03 | Zone Map No. G-18-Z | Sheet RS-1 Of

ERNA FERGUSSON LIBRARY IMPROVEMENTS - ADDED SCOPE



PARTIAL FLOOR PLAN

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

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Addendum No. 1
Exhibit R
OCTOBER 20, 2010
PAGE A1 OF 3

GENERAL NOTES

1. PROVIDE SMOOTH TRANSITION BETWEEN NEW AND EXISTING CONSTRUCTION. NEW CONSTRUCTION TO MATCH EXISTING.
2. MATCH ALL MATERIALS USED IN NEW CONSTRUCTION TO THAT USED IN THE EXISTING CONSTRUCTION, UNLESS NOTED OTHERWISE.
3. REMOVE STAINLESS STEEL TOWEL DISPENSER / WASTE RECEPTACLE FROM WEST WALL OF MEN'S AND WOMEN'S RESTROOMS.
4. MOVE FIRE STROBE LIGHTS, TYPICAL AT 2 LOCATIONS. MOVE TO BE VISIBLE IN NEWLY CONFIGURED SPACES. SEE ELECTRICAL.
5. PROVIDE ADEQUATE LIGHT SWITCHES FOR NEW LIGHTS AND ENTRANCES. SEE ELECTRICAL.
6. PROVIDE 4X4 SELECT OAK OR CERAMIC COVE BASE TO MATCH ADJACENT EXISTING CONDITIONS.

⬡ KEYED NOTES

1. RELOCATE ELECTRIC HAND DRYER AS SHOWN. PROVIDE ADEQUATE BACKING IN WALL AND ADEQUATE POWER FOR UNIT AT NEW LOCATION. SEE ELECTRICAL.
2. PROVIDE 4X4 CERAMIC TILE ON LENGTH OF WALLS INDICATED BY BOLD DASHED LINE. TILE TO MATCH EXST MANUFACTURER, COLOR, HEIGHT AND PATTERN.
3. CUT OPENING IN WALL. FINISHED OPENING TO BE 7'-10" BY 3'-6" CLEAR.
4. NEW CONSTRUCTION TO BE 4" STEEL STUD WALL, TYP. COVER WITH 5/8" TYPE 'X' GYP BOARD, USE WP ON RR SIDE. FINISH WITH TILE WHERE INDICATED.
5. EXST ENTRY TO BE PROVIDED WITH NEW KEYED/LOCKABLE HARDWARE. REMOVE EXST FLOORING AS REQUIRED. INSTALL 12X12 PORCELAIN TILE TO MATCH EXST. PROVIDE TRANSITION STRIP WHERE EXST CARPET & NEW TILE MEET. PROVIDE SMOOTH TRANSITION @ NEW & EXST FLOORS.

CONTINUED ON PAGE 2

ERNA FERGUSSON LIBRARY IMPROVEMENTS - ADDED SCOPE

⬡ KEYED NOTES, CONT.

CONTINUED FROM PAGE 1

7. CEILING TO BE 5/8" TYPE 'X' WP GYP BOARD TO MATCH EXST. PAINT TO MATCH. PROVIDE SMOOTH TRANSITION @ NEW & EXST CEILINGS.
8. PROVIDE 3'-0" X 7'-10" WOOD DOOR IN A HM FRAME TO MATCH EXST. PROVIDE DOOR HARDWARE TO MATCH EXST.
9. ROTATE MIRRORS SO THEY ARE HUNG AT A 10° ANGLE TO WALL AS SHOWN. PROVIDE PROPER BACKING AND SECURE MIRRORS TO WALL. ANGULAR FURRED-OUT PIECE OF WALL TO MATCH ADJACENT SURFACES.
10. FURR-OUT WALL TO BE LEVEL WITH OPPOSITE WALL BY SINKS. REMOVE TILE FROM END OF EXISTING WALL AS NECESSARY TO ENCLOSE EXISTING OPENING.
11. PROVIDE NEW LOCKING 2'-6" X 7'-0" WOOD DOOR IN HM FRAME.
12. PROVIDE NEW LIGHT FIXTURE AT 5 LOCATIONS. SEE ELECTRICAL.
13. PROVIDE 2' WIDE STAINLESS STEEL PANEL. PANEL IS TO RUN FROM DIRECTLY BELOW THE RELOCATED HAND DRYER TO THE FLOOR.
14. REMOVE AND REPLACE FLOORING AS NEEDED FOR NEW WALL INSTALLATION.
15. REMOVE MEN'S OR WOMEN'S RR SIGNS. SIGNS TO BE REUSED IN PROJECT. REPAIR WALL BENEATH TO MATCH EXISTING ADJACENT FINISHES.
16. INSTALL REMOVED RR SIGNS FROM NOTE 15. INSTALL IN NEW LOCATIONS INDICATED.

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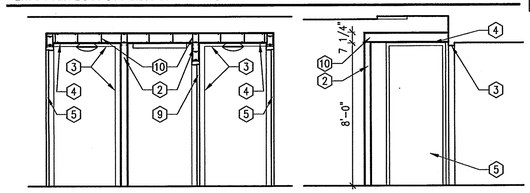
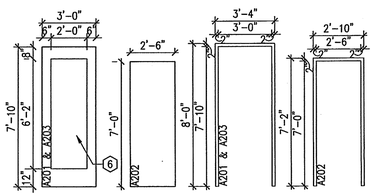
Addendum No. 1
Exhibit R
OCTOBER 20, 2010
PAGE A2 OF 3

ERNA FERGUSSON LIBRARY IMPROVEMENTS - ADDED SCOPE



SECTION A

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

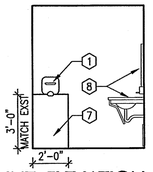


DOOR & FRAME SCHEDULE

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

SECTION B

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



INT. ELEVATION

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

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Addendum No. 1
Exhibit R
OCTOBER 20, 2010
PAGE A3 OF 3

GENERAL NOTES

1. PROVIDE SMOOTH TRANSITION BETWEEN NEW AND EXISTING CONSTRUCTION. NEW CONSTRUCTION TO MATCH EXISTING.
2. MATCH ALL MATERIALS USED IN NEW CONSTRUCTION TO THAT USED IN THE EXISTING CONSTRUCTION.
3. MOVE FIRE STROBE LIGHTS, TYP, (AT 3 LOCATIONS). MOVE TO BE VISIBLE IN NEWLY CONFIGURED SPACES. SEE ELEC.
4. PROVIDE ADEQUATE LIGHT SWITCHES FOR NEW LIGHTS AND ENTRANCES. SEE ELEC.
5. PROVIDE 4X4 SELECT OAK OR CERAMIC COVE BASE TO MATCH ADJACENT EXISTING CONDITIONS.

⬡ KEYED NOTES

1. RELOCATE ELECTRIC HAND DRYER AS SHOWN. PROVIDE ADEQUATE BACKING IN WALL AND ADEQUATE POWER FOR UNIT AT NEW LOCATION. SEE ELECTRICAL.
2. 2X4 STEEL STUD CONSTRUCTION @ 16" OC AT NEW WALLS, COVERED ON EA. SIDE WITH 5/8" TYPE 'X' WP GYP BOARD, UNLESS NOTED OTHERWISE.
3. CUT OPENING IN WALL. FINISHED OPENING TO BE 7'-10" X 3'-6" CLEAR.
4. CEILING HEIGHT IN NEW VESTIBULES TO BE 8'-0" AFF TO MATCH EXISTING CEILING HEIGHT IN RESTROOMS. FIELD VERIFY.
5. PROVIDE NEW 3'-0" x 7'-10" WOOD DOOR IN A HM FRAME TO MATCH EXST. PROVIDE DOOR HARDWARE TO MATCH EXST.
6. PROVIDE 1/4" FROSTED LAMINATED SAFETY GLAZING IN NEW DOOR AS SHOWN.
7. PROVIDE 2' WIDE STAINLESS STEEL PANEL. PANEL IS TO RUN FROM DIRECTLY BELOW THE RELOCATED HAND DRYER TO THE FLOOR.
8. EXST LAVATORY EQUIPMENT TO REMAIN.
9. PROVIDE NEW LOCKING 2'-6" X 7'-0" WOOD DOOR IN HM FRAME.
10. 20GA FRAMING AT NEW CEILINGS.

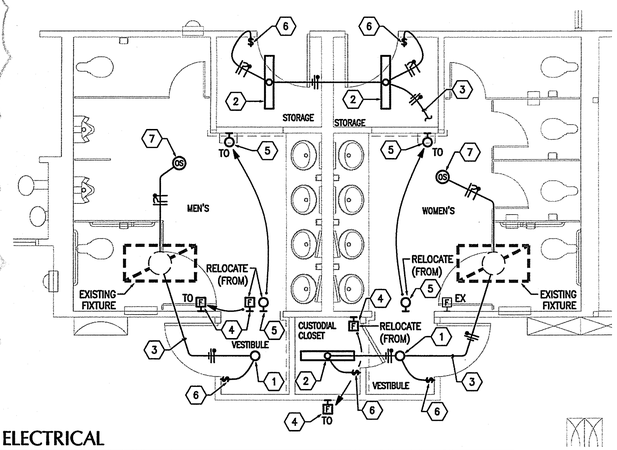
PER PHASE 1, ADDENDUM #1
SCOPE ADDED TO PROJECT, REFER TO A101

REPLACE EXISTING PLASTIC TOILET PARTITIONS IN MEN'S & WOMEN'S PUBLIC RESTROOMS WITH NEW METAL TOILET PARTITIONS.
PER PHASE 1, WO #1, PR #4

PROVIDE 1 MIRROR IN THE MEN'S PUBLIC RESTROOM. MIRROR TO MATCH SIZE AND SHAPE OF THE EXISTING MIRRORS HUNG IN THE WOMEN'S RESTROOM. MIRROR TO BE PROVIDED WITH AN ANTI-GRAFFITI FILM, AND TO BE SCREWED, NOT GLUED, TO THE WALL. NEW MIRROR TO BE INSTALLED OVER THE SINK FURTHEST EAST IN THE MEN'S RESTROOM. REPAIR TILE OVE THE SINKS IN THE MEN'S RESTROOM, WHICH WAS DAMAGED AS A RESULT OF REMOVING THE PREVIOUSLY INSTALLED 4 MIRRORS.
PER PHASE 1, WO #1, PR #5

PROVIDE SHLAGE HEAVY-DUTY DEAD-BOLT LOCK, B-600 SERIES, WITH A CLASSROOM DEADBOLT FUNCTION TO MEN'S & WOMEN'S PUBLIC RESTROOM DOORS.
PER PHASE 1, PR #6

ERNA FERGUSSON LIBRARY IMPROVEMENTS - ADDED SCOPE



ELECTRICAL

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

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Addendum No. 1
Exhibit Q
OCTOBER 20, 2010
PAGE E1 OF 2

PER PHASE 1, ADDENDUM #1
SCOPE ADDED TO PROJECT, REFER TO E101

DARRYL D. RAE
NEW MEXICO
6/13/12
REGISTERED PROFESSIONAL ENGINEER

ERNA FERGUSSON LIBRARY IMPROVEMENTS - ADDED SCOPE

KEYED NOTES ⬡

1. PROVIDE AND INSTALL A SURFACE MOUNTED 26 WATT, 277 VOLT PL LIGHTING FIXTURE. MOUNT EMERGENCY BALLAST IN CUSTODIAL CLOSET. FIXTURE SHALL BE AS MANUFACTURED BY SHAPER # 213-CFL/1/26-277-MW-REM.
2. PROVIDE AND INSTALL A 3'-0" SURFACE MOUNTED, 1 LAMP, STRIP FIXTURE WITH WIRE GUARD. FIXTURE SHALL BE AS MANUFACTURED BY METALUX # 3SN-125-277-EB81- WITH WIRE GUARD.
3. EXTEND AND CONNECT TO UNSWITCHED 277 VOLT LIGHTING CIRCUIT FEEDING THIS AREA.
4. RELOCATE FIRE ALARM DEVICE TO NEW LOCATION AS SHOWN. EXTEND NEW CONDUIT AND CABLING AS REQUIRED
5. EXISTING HAND DRYER TO BE RELOCATED. EXTEND THE EXISTING CIRCUIT FROM THE EXISTING LOCATION TO THE NEW AS SHOWN. PROVIDE CONDUIT, CONDUCTORS AND J-BOXES AS REQUIRED FOR THE EXTENSION OF THE EXISTING CIRCUITS. COORDINATE MOUNTING HEIGHT OF NEW J-BOX WITH THE ARCHITECT PRIOR TO INSTALLATION. MAKE ALL ELECTRICAL TERMINATIONS TO EXISTING HAND DRYER.
6. PROVIDE AND INSTALL A DUAL TECHNOLOGY WALL SWITCH SENSOR FOR THE CONTROL OF FIXTURES IN THE AREA. SENSOR SHALL BE AS MANUFACTURED BY WATTSTOPPER #DW-100 OR APPROVED EQUAL.
7. PROVIDE AND INSTALL A DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR WITH POWER PACK. EXTEND THE EXISTING SWITCHING AND HOT LIGHTING CIRCUITS TO NEW OCCUPANCY SENSOR LOCATION AND TERMINATE PER MANUFACTURES REQUIREMENTS. SENSO SHALL BE AS MANUFACTURED BY WATTSTOPPER #DT-300 WITH POWER PACK.

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Addendum No. 1
Exhibit Q
OCTOBER 20, 2010
PAGE E2 OF 2

PER PHASE 1, ADDENDUM #1
SCOPE ADDED TO PROJECT, REFER TO A601

DARRYL D. RAE
NEW MEXICO
6/13/12
REGISTERED PROFESSIONAL ENGINEER

RECORD SET OF DRAWINGS

This set of drawings is provided by the Contractor as a schematic of the project in place. The Architect has not verified these conditions and is not responsible for conclusions drawn therefrom.

CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

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SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

BENCH MARK

AS BUILT INFORMATION
CONTRACTOR DATE:
WORK STAKED BY DATE:
INSPECTOR'S APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY DATE:
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

REVISIONS/REMARKS
NO. | DATE | BY

DESIGNED BY: DJS DATE: -
DRAWN BY: RCB DATE: -
CHECKED BY: - DATE: -

CITY OF ALBUQUERQUE
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TITLE: RECORD SET DRAWING

Design Review Committee	City Engineer Approval	Last Design Update	NO./DAT/YR.	NO./DAT/YR.

City Project No.	Zone Map No.	Sheet	Of
7168.03	G-18-Z	RS-2	

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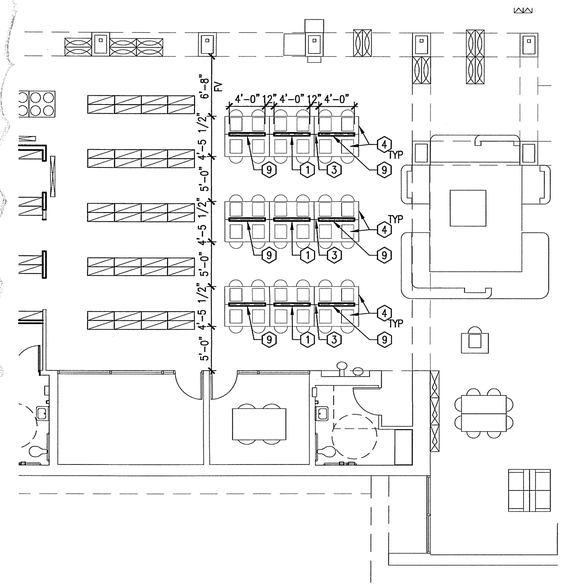
IMPROVEMENTS TO ERNA FERGUSSON LIBRARY
A101

PR #2
Sketch #1

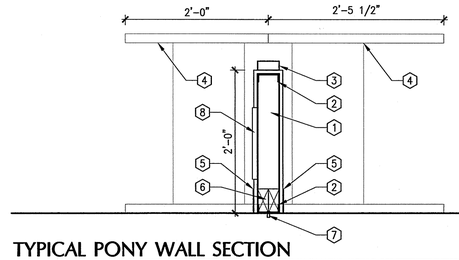


PARTIAL FLOOR PLAN

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

KEYED NOTES

1. 4'-0" LONG X 2'-0" TALL PONY WALL, MADE OF 3-5/8" STUDS, SPACED AT 24" OC AND COVERED WITH 5/8" TYPE 'X' GYP BOARD ON ALL FOUR SIDES AND ON TOP. TEXTURE AND PAINT TO MATCH EXISTING ADJACENT WALLS. V/D AND POWER LINES TO BE PULLED UP THROUGH EXISTING UNDERFLOOR DUCT WORK INTO THE CENTRAL PONY WALL AT EACH BAY OF COMPUTER TABLES.
2. RUNNER TRACK.
3. WIREMOLD TO BE INSTALLED OVER THE TOP OF EACH PONY WALL. COORDINATE WITH OWNER FOR LOCATIONS OF V/D AND POWER RECEPTACLES. WIREMOLD TO BE CENTERED OVER THE TOP OF EACH PONY WALL.
4. NEW COMPUTER DESKS. NIC. VERIFY SIZES WITH OWNER FOR CORRECT LOCATIONS OF PONY WALLS.
5. 4" VINYL BASE INSTALLED ON ALL FOUR SIDES.
6. PROVIDE CONTINUOUS BLOCKING ACROSS THE BOTTOM OF THE PONY WALL TO STIFFEN AND PROTECT AGAINST THE COMPUTER DESK LEGS.
7. PROVIDE 3/8" CONCRETE EXPANSION ANCHORS AT THE BOTTOM RUNNER TRACK, EVERY 12" OC.
8. PROVIDE 12" X 12" ACCESS PANEL IN THE MIDDLE PONY WALL AT EACH BAY OF COMPUTER TABLES. COORDINATE LOCATION FOR EASIEST ACCESS OF ELECTRICAL AND V/D LINES.
9. 4'-0" LONG X 2'-0" TALL PONY WALL, MADE OF 3-5/8" STUDS, SPACED AT 24" OC AND COVERED WITH 5/8" HIGH-IMPACT XP GYP BOARD ON ALL FOUR SIDES AND ON TOP. TEXTURE AND PAINT TO MATCH EXISTING ADJACENT WALLS.



TYPICAL PONY WALL SECTION

SCALE: 1"=1'-0"

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OCTOBER 25, 2011
PAGE 1 OF 1

PER PHASE 2, CO #2, PR #2
REFER TO SHEET A-101

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NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: DJS DATE: -
DRAWN BY: ROB DATE: -
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CHERRY/SEE/REAMES ARCHITECTS 4/13/2012 date

CITY OF ALBUQUERQUE
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TITLE: RECORD SET DRAWING

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City Project No.	Zone Map No.	Sheet	Of
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