

City of Aurora
Building Codes Division
15151 E Alameda Pkwy
Aurora, CO 80012
(303) 739-7420



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Section 106.**



DET008

GE Consumer & Industrial

INFORMATION
RECEIVED
FROM
GE NATIONAL
ACCOUNT
REPRESENTATIVEUL Component Recognized
Series-Connected Ratings
and CSA Certified
Series-Rated Combinations

AQ PANEL - USE ONLY WITH GE THQB, THQB, TXQB, TQD AND THQD CIRCUIT BREAKERS.
PANNEAU AQ - UTILISER SEULEMENT LES DISJONCTEURS GE MODELE THQB, THQB, TXQB, TQD OU THQD
USE AF FRONTS WITH AB BOXES
UTILISER LES PANNEAUX AVANT AF AVEC LES BOITIERS AB

MAIN		BRANCH	
TYPE	MAX AMP	TYPE	POLES
100,000 AMPERES @ 120/240 VAC MAX	FCV	THQB	1
		THQB-GF	2, 3
		TXQB	1
		TXQB-GF	2
	SEL	TQD, THQD	2
		THQB, THQB	1, 2
		TXQB	1, 2
		TXQB-GF	1, 2
	SFL	THQB	1
		THQB	2
		TXQB, THQB-GF	1, 2
		THQB	1, 2
65,000 AMPERES @ 120/240 VAC MAX	FCV	THQB	1
		THQB	2, 3
		TXQB	1
		TXQB-GF	2
	SEL	THQB-GF	1, 2
		THQB-GF	2
		THQB	1
		THQB	2, 3
42,000 AMPERES @ 120/240 VAC MAX	FCV	THQB	1
		THQB	2, 3
		TXQB	1
		TXQB-GF	2
	SEL	THQB	1
		THQB	2
		THQB	1
		THQB	2, 3
22,000 AMPERES @ 120/240 VAC MAX	FCV	THQB	1
		THQB	2, 3
		TXQB	1
		TXQB-GF	2
	SEL	THQB	1
		THQB	2
		THQB	1
		THQB	2, 3
18,000 AMPERES @ 120/240 VAC MAX	FCV	THQB	1
		THQB	2, 3
		TXQB	1
		TXQB-GF	2
	SEL	THQB	1
		THQB	2
		THQB	1
		THQB	2, 3

IC RATING VOLTS AC MAX INTEGRAL MAIN POLEDED CASHWITCH REMOTE MAIN
14,000 240 TQD THQD 225A MAX
22,000 240 T.J.V. T.J.D. 400A MAX



- ☐ 7. Photocell/astromical time switch on exterior lights.
Exceptions:
Lighting intended for 24 hour use.
- ☐ 8. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).
Exceptions:
Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Section 4: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2006 IECC requirements in COMcheck Version 3.5.3 and to comply with the mandatory requirements in the Requirements Checklist.

JEROME FELLERS - SENIOR DESIGNER

Name - Title

Signature

Date

09 388739



COMcheck Software Version 3.5.3

Interior Lighting Compliance Certificate

09 388739

2006 IECC

Report Date: 04/08/09

Data filename: C:\Program Files\Check\COMcheck\WAL-COLORADOSPRINGS-CO-508081...cck

Section 1: Project Information

Project Type: **New Construction**

Project Title : WALGREENS CLINIC RENOVATION

Construction Site:
15301 EAST ILIFF AVE
ARAPAHOE COUNTY
AURORA, CO

Owner/Agent:
FACILITIES PLANNING AND DESIGN
106 WILMOT ROAD
WALGREENS
DEERFIELD ROAD, IL 60015

Designer/Contractor:
JEROME FELLERS
CR ARCHITECTURE + DESIGN
600 VINE STREET
SUITE 2210
CINCINNATI, OH 45202
513-721-8080
j.fellers@cr-architects.com

Section 2: General Information

Building Use Description by: **Activity Type**

Activity Type(s)	Floor Area
Healthcare-Clinic	90
Healthcare-Clinic	110
Retail	160

Section 3: Requirements Checklist

Interior Lighting:

- ☒ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
440	436	YES

Controls, Switching, and Wiring:

- ☒ 2. Independent controls for each space (switch/occupancy sensor).

Exceptions:

Areas designated as security or emergency areas that must be continuously illuminated.

Lighting in stairways or corridors that are elements of the means of egress.

- ☐ 3. Master switch at entry to hotel/motel guest room.

- ☐ 4. Individual dwelling units separately metered.

- ☒ 5. Each space provided with a manual control to provide uniform light reduction by at least 50%.

Exceptions:

Only one luminaire in space;

An occupant-sensing device controls the area;

The area is a corridor, storeroom, restroom, public lobby or sleeping unit.

Areas that use less than 0.6 Watts/sq.ft.

- ☐ 6. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

Exceptions:

Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.



COMcheck Software Version 3.5.3

Interior Lighting Application Worksheet

2006 IECC

09 388739

Report Date:

Data filename: C:\Program Files\Check\COMcheck\WAL-COLORADOSPRINGS-CO-508081...cck

Section 1: Allowed Lighting Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
Healthcare-Clinic	90	1	90
Healthcare-Clinic	110	1	110
Retail	160	1.5	240
Total Allowed Watts =			440

Section 2: Proposed Lighting Power Calculation

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Healthcare-Clinic (90 sq.ft.)				
Linear Fluorescent 1: G: RECESSED TROFFER / 48" T8 32W (Super T8) / Electronic	3	2	60	120
Healthcare-Clinic (110 sq.ft.)				
Linear Fluorescent 2: G: RECESSED TROFFER / 48" T8 32W / Electronic	3	2	60	120
Retail (160 sq.ft.)				
Compact Fluorescent 1: LA: RECESSED COMPACT / Twin Tube 24/26/27W / Electronic	1	4	13	52
Compact Fluorescent 2: LB: Twin Tube 13W / Electronic	1	8	18	144
Total Proposed Watts =				436

Section 3: Compliance Calculation

If the Total Allowed Watts minus the Total Proposed Watts is greater than or equal to zero, the building complies.

Total Allowed Watts = 440
Total Proposed Watts = 436
Project Compliance = 4

Interior Lighting PASSES: Design 1% better than code.

STORE # 06513

15301 EAST ILIFF AVE.

CODE INFORMATION

JURISDICTION - CITY OF AURORA, ARAPAHOE COUNTY, COLORADO
APPLICABLE CODE - 2006 INTERNATIONAL BUILDING CODE
2006 INTERNATIONAL MECHANICAL CODE
2006 INTERNATIONAL PLUMBING CODE
2006 INTERNATIONAL FUEL GAS CODE
2006 INTERNATIONAL FIRE CODE
2006 INTERNATIONAL ENERGY CONSERVATION CODE
2008 NATIONAL ELECTRIC CODE
2003 ICC/ANSI A117.1

Total existing area = 14490 s.f.
Alteration area = 363 s.f.

CHAPTER 3 - USE OR OCCUPANCY - M

309 Mercantile - Use Group "M"

CHAPTER 6 - TYPES OF CONSTRUCTION

602.2 Type 2-B Construction, Non-Combustible / (Unprotected)

CHAPTER 8 - INTERIOR FINISHES

Table 803.5 Rooms or enclosed spaces for M use - sprinklered building
Walls and ceiling Class C Finishes minimum required.

All walls and Ceilings provided with minimum Class III Finishes

804.1 Resilient floor coverings are exempt from fire classification

804.4.1 Other floor coverings must comply with DOC FF-1 pill test

CHAPTER 9 - FIRE PROTECTION SYSTEMS

Automatic Fire Sprinkler System Provided per NFPA 13.
Fire extinguishers provided as required by local fire authority

CHAPTER 10 - MEANS OF EGRESS

Tbl.1004.1.1 Occupant Load use group M

Existing

Grade Floor Sales Areas = 11454 ÷ 30 gross s.f. per person = 385

Business Areas = 1289 ÷ 100 gross s.f. per person = 13

Storage Areas = 1747 ÷ 300 gross s.f. per person = 6

Existing Occupant Load = 404

Renovated

Grade Floor Sales Areas = 11454 ÷ 30 gross s.f. per person = 385

Business Areas = 1652 ÷ 100 gross s.f. per person = 17

Storage Areas = 1384 ÷ 300 gross s.f. per person = 5

Occupant Load = 407

Tbl. 1005.1 Required Egress Width per Occupant

Use group M (sprinklered) - Egress Components = .15 in/person
(.15 in/person x 407 people = 62 in.) / 2 exits = 31 in. Required

1008.1.1 Minimum clear width of doors = 32"

1015.1 Number of Exits Required: Group M, >50 Occupants - 2 Exits Required
Existing Exits Provided Sales Area = 2 Exits, Total Width Provided = 112 in.
Existing Exits Provided Storage Area = 1 Exit, Total Width Provided = 40 in.

1004.2.2.2 Remoteness of exists. Not less than 1/2 max diagonal of the building.
Unless Bldg. Equipped w/ Automatic Sprinkler System, then 1/3
Overall building diagonal = 174 ft. / 3 = Req'd Remoteness of Exits = 58 ft.
Distance Between Exits Provided = 110 ft.

Tbl. 1016.1 Maximum Length of Travel, Group M, Sprinklered = 250'
Maximum Length of Travel (back of General Stock to exit) = 211 ft.

1017.1 Fire resistance rating of corridor with sprinkler system = 0

1017.2 Minimum required width = 44"

1017.3 Maximum dead end corridor = 20 ft.

CHAPTER 11 - ACCESSIBILITY

1101.1 Building is designed in compliance with ADAAG

CHAPTER 29 - PLUMBING SYSTEMS

Table 2902.1

Minimum Number of Plumbing Facilities

Males 204 - 1 W/C & 1 Lavatory Req'd

Females 204 - 1 W/C & 1 Lavatory Req'd

1 Drinking Fountain Req'd

1 Service Sink Req'd

Existing Number of Plumbing Facilities
1 W/C, 1 Urinal & 1 Lavatory Provided
2 W/C & 2 Lavatory Provided
1 Drinking Fountain Provided
1 Service Sink Provided

Additional Number of Plumbing Facilities
Addition of (2) hand sink(s)

City of Aurora Plan Review

Occ. Type: M

Const. Type: JTB SRK

Square Footage: 3036

Code: 2006 IBC

WALGREENS - HEALTH CORNER

CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

INDEX OF DRAWINGS

SHT #	DESCRIPTION	ISSUE DATE	REVISION NUMBER	REVISION DATE
A0.1A	COVER SHEET	12-19-08	1	01-26-09
D1	FIXTURE PLAN BY WALGREENS (REFERENCE ONLY)	05-09-05	D108	11-18-08
G0.1	ARCHITECTURAL SPECIFICATIONS	12-19-08	-	-
G0.2	ARCHITECTURAL SPECIFICATIONS	12-19-08	-	-
G0.3	ARCHITECTURAL SPECIFICATIONS	12-19-08	-	-
G0.4	ARCHITECTURAL SPECIFICATIONS	12-19-08	-	-
G0.5	ARCHITECTURAL SPECIFICATIONS	12-19-08	-	-
G1.1	DEMOLITION PLAN(S)	12-19-08	-	-
A1.1A	FLOOR PLAN AND REFLECTED CEILING PLAN	12-19-08	1	01-26-09
A3.1A	INTERIOR ELEVATIONS, DETAILS, AND SCHEDULES	12-19-08	1	01-26-09
ME0.1	PLUMBING, MECHANICAL, AND ELECTRICAL SPECIFICATIONS	12-19-08	-	-
ME0.2	PLUMBING, MECHANICAL, AND ELECTRICAL SPECIFICATIONS	12-19-08	-	-
ME0.3	PLUMBING, MECHANICAL, AND ELECTRICAL SPECIFICATIONS	12-19-08	-	-
P1.1A	FLOOR PLAN - PLUMBING, SCHEDULES, AND DETAILS	12-19-08	1	01-26-09
M1.1A	FLOOR PLAN - MECHANICAL, SCHEDULES, AND DETAILS	12-19-08	1	01-26-09
E1.1A	FLOOR PLAN - LIGHTING AND POWER	12-19-08	1	01-26-09
E1.2A	FLOOR PLAN - ETHERNET AND TELEPHONE	12-19-08	1	01-26-09

PROJECT NARRATIVE

PROPOSED PROJECT IS LIMITED TO NON-STRUCTURAL, "INTERIORS ONLY" IMPROVEMENTS TO AN EXISTING RETAIL BUILDING. RETAIL BUILDING WAS ORIGINALLY PERMITTED FOR "M" MERCANTILE USE GROUP. EXISTING BUILDING IS EQUIPPED WITH A FULLY NFPA 13 COMPLIANT FIRE SUPPRESSION SYSTEM TO REMAIN.

THE FOLLOWING SPECIFIC SCOPE OF WORK IS INCLUDED IN THESE DOCUMENTS:

ARCHITECTURAL: ALTERATION TO PORTION OF EXISTING STORAGE ROOM WALL REMOVED TO ACCOMMODATE NEW CONSTRUCTION OF TWO (2) MEDICAL EXAM ROOMS AND ONE (1) OFFICE/RECEPTION AREA. THE EXAMINATION ROOM WOULD BE STAFFED BY A LICENSED NURSE PRACTITIONER. THE NURSE PRACTITIONER WOULD TREAT PATIENTS WITH MINOR, NON-CHRONIC CONDITIONS AS AN ACCESSORY TO THE EXISTING PHARMACY. THE EXAM ROOMS ARE NO MODIFICATIONS TO THE EXISTING ACCESSIBLE TOILET ROOM, EGRESS DOORS & EGRESS PATH OR BUILDING EXTERIOR ARE INCLUDED.

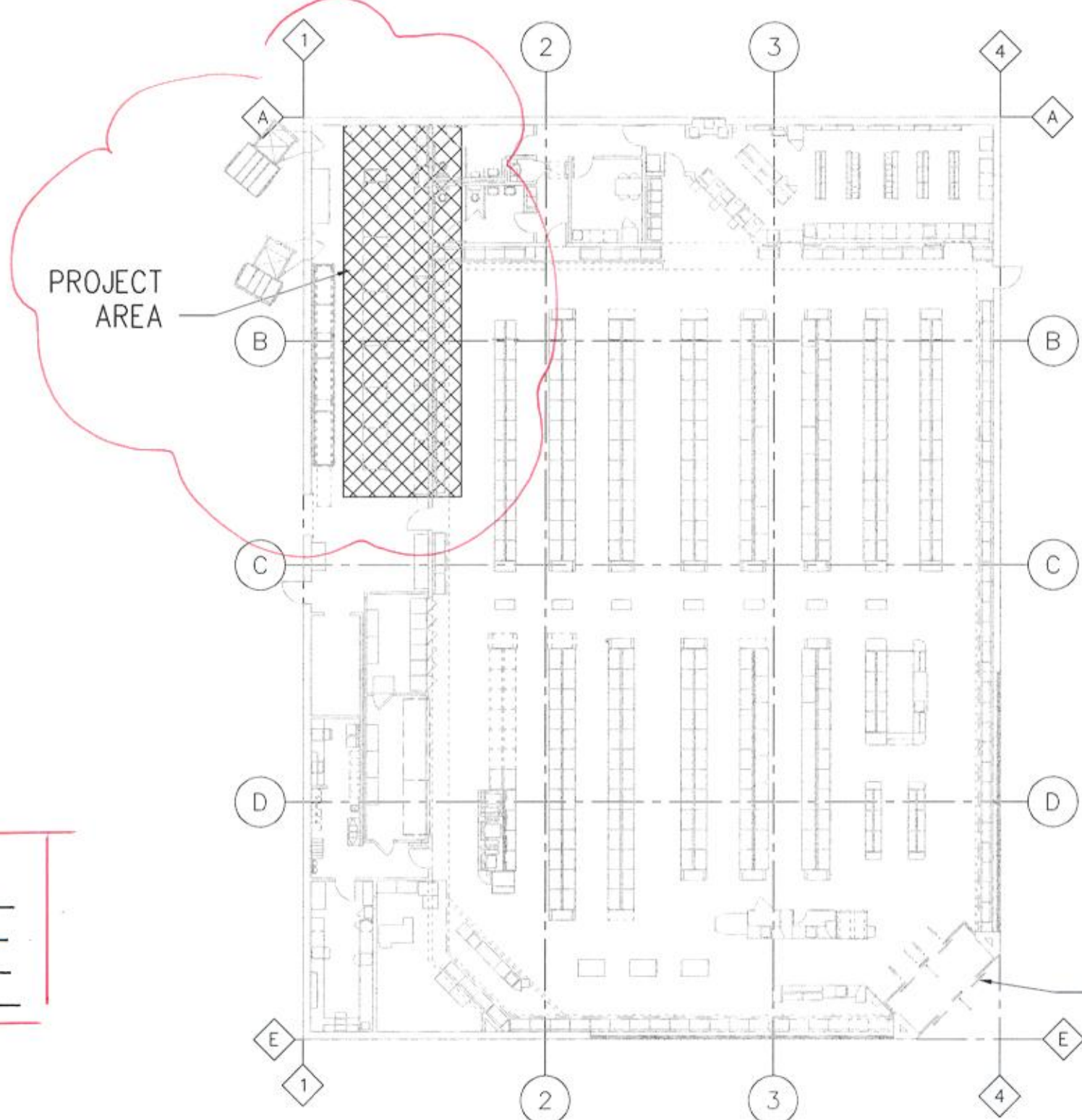
MECHANICAL/PLUMBING: MINOR MODIFICATIONS TO EXISTING DUCTWORK, AND INSTALLATION OF NEW BRANCH DUCT(S) AND DIFFUSERS. REBALANCING AND ADJUSTMENTS TO EXISTING EQUIPMENT FOR NEW AIR FLOWS. ADDITION OF TWO (2) SINKS, ONE (1) EACH EXAM ROOM AND CONNECTION TO EXISTING PIPING.

ELECTRICAL: BRANCH CIRCUIT WIRING TO NEW LIGHTING AND RECEPTACLES TO EXAM ROOM AREA(S).

*ALL WORK BY CONTRACTOR UNLESS OTHERWISE NOTED.

BUILDING PLAN

N.T.S.



Separate Life Safety construction documents are required for new Fire Alarm Systems or alterations to existing systems. Documents shall include device locations, one-line diagrams, battery calculations, and product cut sheets. Approval of documents is required prior to request for inspection.

Separate Life Safety construction documents are required for new Automatic Fire Sprinkler Systems or alterations to existing systems. Documents shall include sprinkler head locations, piping sizes, hydraulic calculations (if needed), and product cut sheets. Approval of documents is required prior to request for inspection.

Provide U.L. Class 3A V.B.C. minimum rating fire extinguishers at a maximum 75'-0" travel distance prior to the Certificate of Occupancy issuance (2006 IFC Table 906.3(1) and 2005 NFPA 10)

Consultation for fire extinguisher placement is available upon request. Call 303-739-7420 prior to final Life Safety inspection to verify proposed locations.

These plans are not reviewed or approved for compliance with A.D.A. For federal accessibility requirements contact the Justice Dept. 1-800-949-4232

Provide lever or other approved hardware on all new or relocated doors per 2003 ANSI A117.1.

OWNER

WALGREENS REALTY RESOURCES, LLC
106 WILMOT ROAD - 2ND FLOOR
DEERFIELD, IL 60015
(847)315-3821

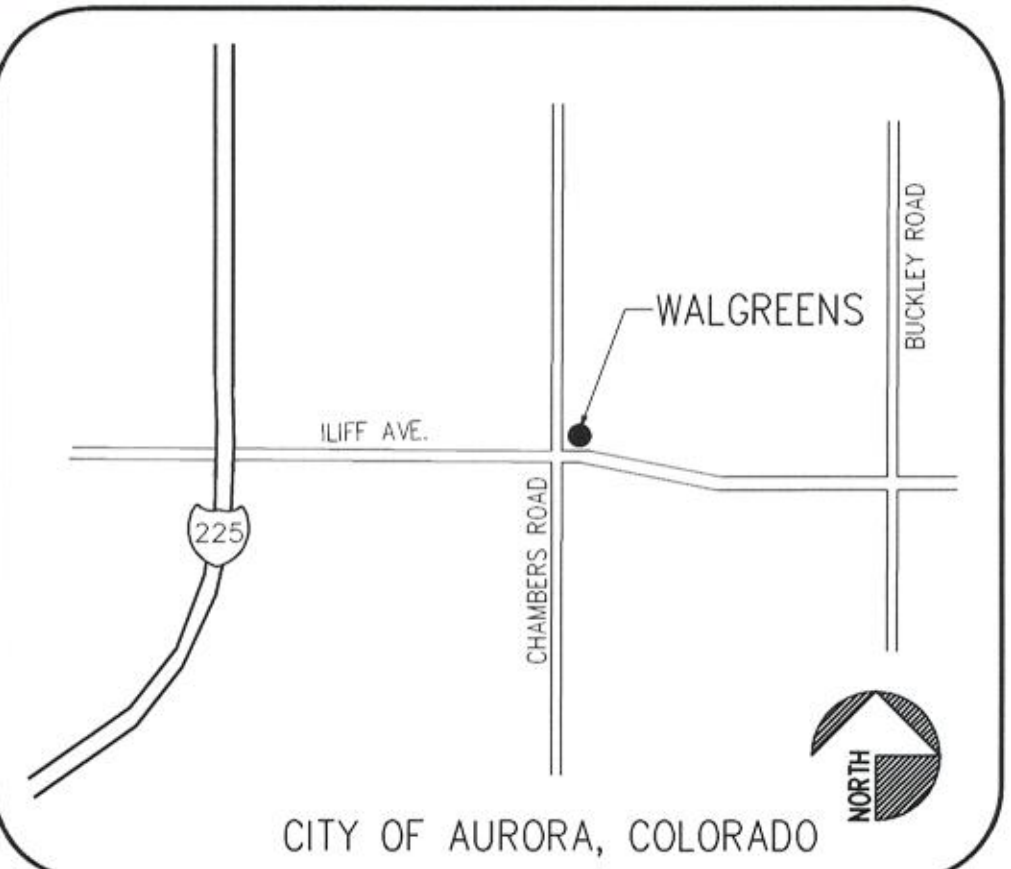
CONTACT:
MICHAEL WELCH

ARCHITECT

COLE + RUSSELL ARCHITECTS, INC.
1740 PLATTE STREET
DENVER, COLORADO 80202
(303)863-8100

CONTACT:
CHRISTOPHER R. PFEIFFER, AIA

LOCATION PLAN



SYMBOLS

COLUMN LINE	(X) ---
FACE OF MASONRY	◇ ---
DOOR TAG	100
ROOM NUMBER	XXX
DRAWING NOTE	(X.XX)
ELEVATION TAG	7
ENLARGED DETAIL MARK	(X.XX) DETAIL AREA
SECTION MARK	(X.XX)
ELEVATION MARK	XX'-X" JUST BRG

City of Aurora Plan Review

Project: WALGREENS Health Corner
Contractor: TBA
Address: 15301 E. Iliff Ave
RSN: 459665
Permit Number: 09-388739
Date: APPROVED APR 06 2009

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE: APPROVED APR 06 2009

2009388739

Walgreens

FACILITIES PLANNING AND DESIGN
106 WILMOT ROAD DEERFIELD, IL 60015
847-940-2500

Cole + Russell Architects



Architecture
Engineering
Interior Design
Landscape Architecture
Construction Administration

1740 Platte Street
Denver, CO 80202

(303) 863-8100
(303) 863-8118 fax

GENERAL NOTES

- CONSTRUCTION SITE TO COMPLY WITH NFPA #1 AND #241.
- ANY DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO BE REPORTED TO WALGREENS FIELD SUPERINTENDENT IMMEDIATELY.
- ALL MEANS OF EGRESS TO REMAIN IDENTIFIABLE AND OPEN DURING CONSTRUCTION.
- ALL EXISTING CONDITIONS, DIMENSIONS, AND MATERIALS OF CONSTRUCTION ARE TO BE VERIFIED IN THE FIELD PRIOR TO ANY DEMOLITION WORK OR ANY NEW CONSTRUCTION.
- ALL CONDITIONS, DIMENSIONS, ROOMS/ SPACES, AND MATERIALS OF CONSTRUCTION INDICATED ON THESE SHEETS/DRAWINGS ARE "EXISTING", UNLESS NOTED OTHERWISE.
- ALL EXISTING CONDITIONS AND EXISTING CONSTRUCTION TO REMAIN, UNLESS NOTED OTHERWISE.
- VERIFY ALL EXISTING STRUCTURAL/LOAD-BEARING CONDITIONS PRIOR TO ANY DEMOLITION WORK OR ANY NEW CONSTRUCTION. CONTACT WALGREENS IF ANY DISCREPANCIES EXIST.
- SHOP DRAWINGS:
SIGN CONTRACTOR SHALL SUBMIT (2) COPIES OF SHOP DRAWINGS TO WALGREENS FOR APPROVAL PRIOR TO CONSTRUCTION.
- AREAS OF STORE NOT PART OF THIS REMODEL TO BE PROTECTED FROM DUST AND DAMAGE DURING REMODEL.
- IF THE STORE CONTAINS AN EXISTING KNOX BOX OR KEY BOX, GENERAL CONTRACTOR IS REQUIRED TO MAINTAIN IT DURING THE ENTIRETY OF THE REMODEL.

GENERAL NOTES-FIRE PROTECTION

- ANY FIRE EXTINGUISHERS MOVED DURING CONSTRUCTION ARE TO BE RELOCATED IN ACCORDANCE WITH FIRE MARSHALL'S DIRECTION.
- FIRE SPRINKLER SYSTEM AND FIRE ALARM SYSTEM SHALL REMAIN IN SERVICE AT ALL TIMES DURING CONSTRUCTION. WRITTEN AUTHORIZATION FROM LOCAL FIRE DISTRICT WILL BE REQUIRED IF EITHER SYSTEM IS TO BE SHUT DOWN.
- LOCATION OF EXISTING FIRE SPRINKLER HEADS MUST BE VERIFIED IN THE FIELD. MODIFY EXISTING OR INSTALL NEW SPRINKLER HEADS AS REQUIRED AT NEW CONSTRUCTION AREA.
- FIRE SPRINKLER CONTRACTOR IS RESPONSIBLE FOR SPRINKLER PERMIT & SUBMITTALS TO APPROPRIATE FIRE PROTECTION AUTHORITIES.

NATIONAL ACCOUNT

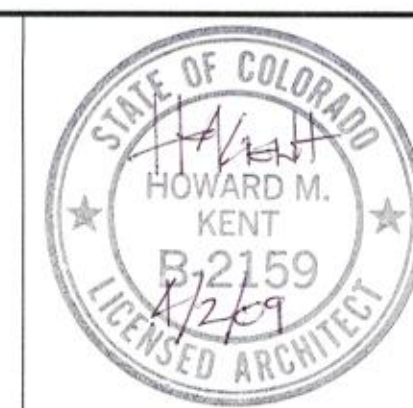
FIRE ALARM SYSTEM MONITORING:
CONTACT F.E. MORAN INC. FIRE PROTECTION AT
586.228.5788 FOR WALGREEN STORES

NO.	DATE	BY	DESCRIPTION	CONST.
1	01-26-09		PERMIT RESPONSE: WALGREENS REVIEW #1	

REVISIONS

CERTIFICATION AND SEAL

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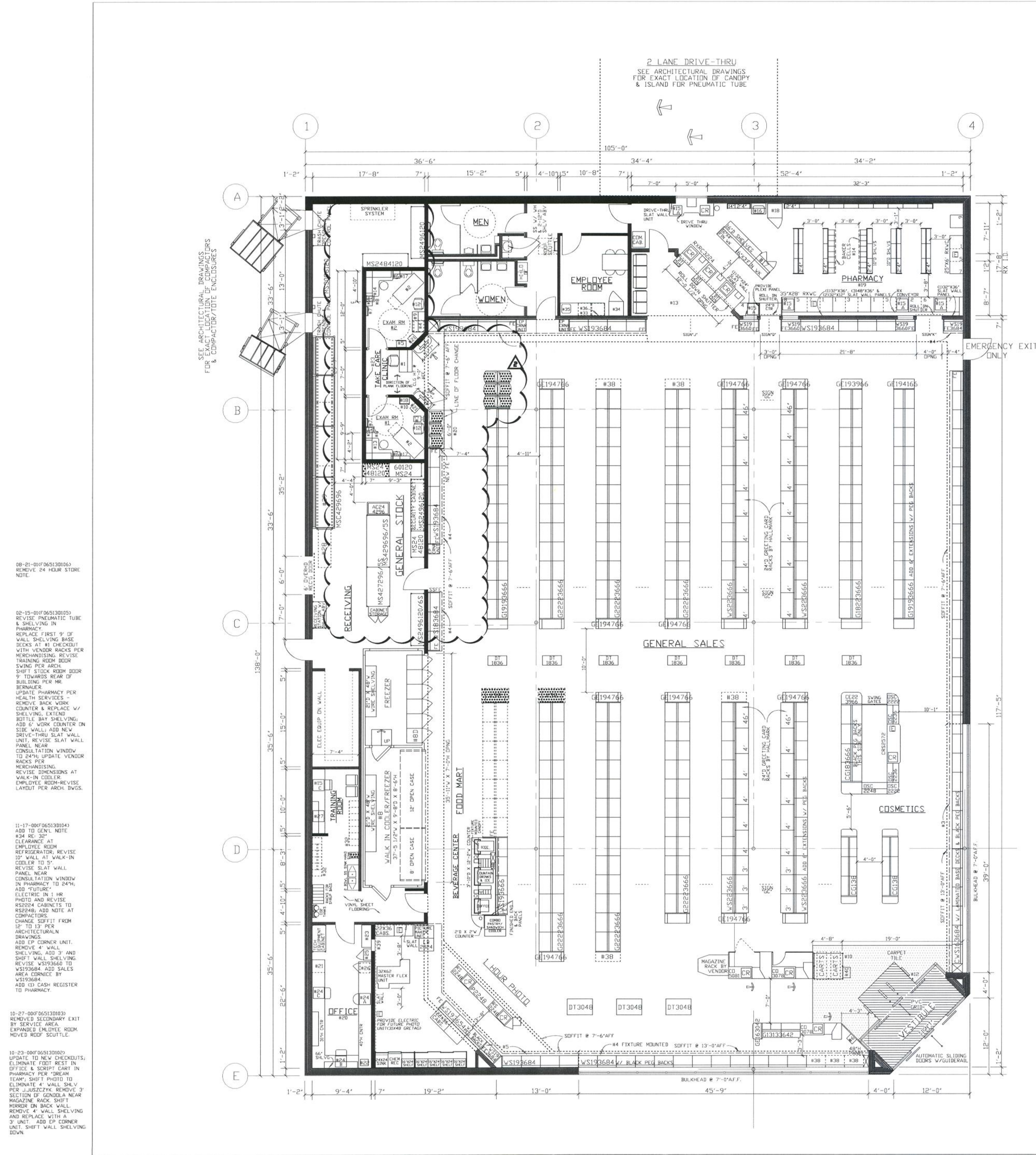


PROJECT NAME
15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE

COVER SHEET

DATE: 12-19-08	STORE NO.: 000-06513	DRAWING NO.: A0.1A
RELEASED TO CONSTRUCTION: -	BASED ON WALGREENS PROTOTYPE DATED: 08/07	
COMM. NO.: 508081		



TAKE CARE CLINIC REMODEL LEGEND

RESET

NEW PROVIDED BY WALGREENS

EXISTING

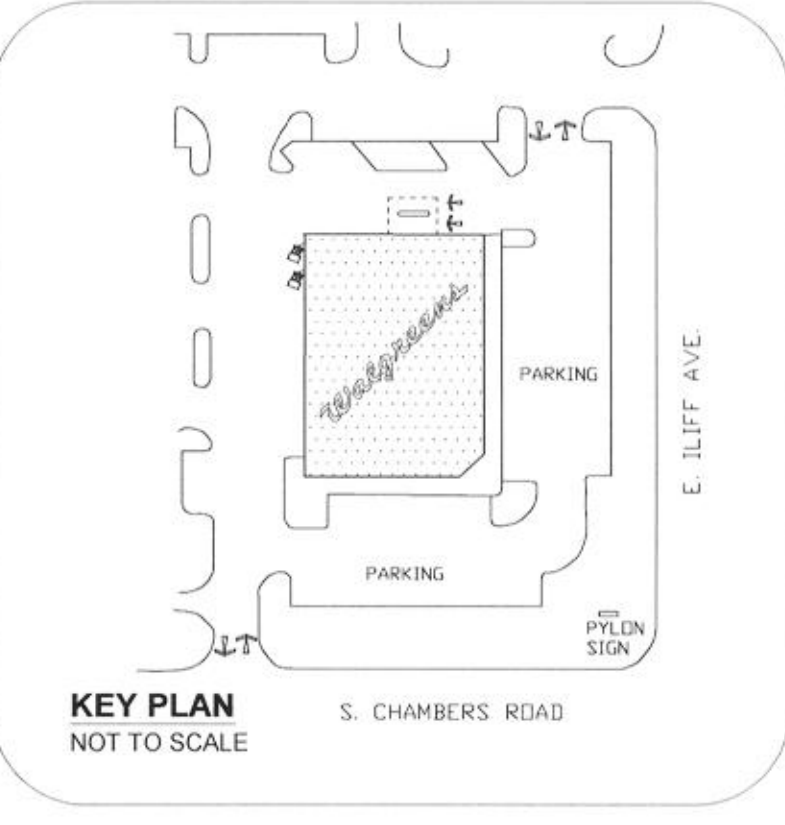
SQUARE FOOTAGE AREA SUMMARY

TAKE CARE CLINIC SIZE: 273 SQ. FT.
GEN. SALES SHELVING LOST: 54 SQ. FT.
TOTAL AREA: 327 SQ. FT.

GENERAL NOTES

NOTE: FIXTURES AND EQUIPMENT PROVIDED BY OTHERS UNLESS NOTED OTHERWISE

- RECEPTION DESK AND CHAIR
- EXAM TABLE
- SCALE
- UNDER COUNTER REFRIGERATOR
- COAT CLOSET
- TRASH BIN
- FOLD UP TABLE
- HAND SINK
- MEDICAL HUTCH
- SAFE BASE CABINET 18"x12"x34"
- SAFE BASE CABINET 36"x12"x34"
- GUEST CHAIR
- WORKSTATION
- 40"x50" WORK COUNTER
- 39"x24" CASH DRAWER/PRINTER SHELF INSERT
- 36"x12"x30" OVERHEAD CABINET
- 24"x12"x30" OVERHEAD CABINET
- EXAM STOOL
- WORKSTATION
- 48"x50" WORK COUNTER
- 47"x24" CASH DRAWER/PRINTER SHELF INSERT
- 30"x12"x30" OVERHEAD CABINET
- 36"x12"x30" OVERHEAD CABINET
- EXAM STOOL
- 24"x12"x30" OVERHEAD CABINET
- N/A
- 36"x12"x12" OVERHEAD CABINET W/ BACK BOARD
- 18"x12"x28" OVERHEAD CABINET
- 36"x12"x28" OVERHEAD CABINET
- PROVIDE 6" D. BLOCKING BEHIND WALL AND POWER FOR PLASMA SCREEN, TV MOUNTED @ 65" AFF.
- BIOHAZARD CONTAINER
- EXTEND LINE OF FLOORING CHANGE MIN. 4'-6" OR A LINE WITH NEAREST FULL EXISTING VCT.
- TAKE CARE 48" SIGNAGE.



FOR REFERENCE ONLY: SEE CONTRACT DOCUMENTS FOR DETAILED SITE PLAN

EXECUTIVE APPROVAL	DATE	DATE	DATE
EXEC. VICE PRESIDENT DRUG STORE OPERATIONS			
SR. VICE PRESIDENT FACILITIES DEVELOPMENT			
SR. VICE PRESIDENT DRUG STORE OPERATIONS			
SR. MANAGER PLANNING & DESIGN	J. MARK	09-26-00	

INTERIOR HANGING SIGNS

GENERAL SALES AREA:
ALL SIGNS AND AISLE MARKERS @ 10'-6" TO BOTTOM OF SIGN UNLESS OTHERWISE NOTED.

SIGN "L" LIQUOR / THANK YOU
SIGN "T" STORE HOURS SIGN
SIGN "GC" GREETING CARD SIGN
SIGN "SB" SAN BRUNO CHECKOUT LANE
SIGN "N" SAN BRUNO PHOTO

PHARMACY DEPARTMENT:
REFER TO FIXTURE PLAN FOR REQUIRED SIGNS

SIGN "J" PICK UP PRESCRIPTIONS
SIGN "K" DROP OFF PRESCRIPTIONS
SIGN "Q" CONSULTATION WINDOW
SIGN "TX" T. A. S.

ATTACH SIGNS TO UNDERSIDE OF SOFFIT.
REFER TO FIXTURE PLAN FOR SIGN LOCATION.
PROVIDE (2) HOLLOW WALL ANCHORS PER SIGN. SCREW THREADED EYEBOLT INTO ANCHOR. HANG SIGNS FROM EYEBOLTS WITH "S" HOOPS.

GENERAL NOTES

GENERAL SALES AREA:
1. SEE PROJECT DATA FOR FIXTURE MANUFACTURER. CHECKOUT COUNTERS ARE 34" UNLESS OTHERWISE NOTED
2. MIRROR ON SOFFIT OF REAR WALL
3. COSMETIC CORNICE
4. SALES AREA CORNICE
5. PHOTO CORNICE
6. CANDY SCALE SHELF
7. MASTER-BILT REACH-IN REFRIGERATION (PROVIDE 2" AIR SPACE BETWEEN COOLERS AND FREEZERS)
OPEN FRONT, MEDIUM TEMP. COOLERS (ADD 2" AT EACH END, FOR END PANELS)
A. 1 MD-06 6'-0" W X 42 7/8" D
B. 2 MD-08 8'-0" W X 42 7/8" D
MODEL BEL-LESS REACH-IN FREEZERS (ADD 2" AT EACH END, FOR END PANELS)
C. 1 BEL-524 101-1 38" W X 38 3/4" D
8. MASTER-BILT WALK-IN COOLER PROVIDE #1000R COOLMASTER DOORS
26 3/4" X 73" EACH AND
6 #100R FREEZEMASTER DOORS
26 3/8" X 73" EACH BY ANTHONY
A. DOOR(S) FOR EACH DOOR PROVIDE (7) D BEV-O-FLOW GRAVITY SHELVES, UPPER (5) WITH SLIDES AND LOWER (2) WITH ROLLERS COMPLETE WITH UPRIGHTS
B. DOOR(S) FOR EACH DOOR PROVIDE (7) 26"D ANTHONY WIRE SHELVES AND (4) 84" POSTS
C. DOOR(S) D ROLLER CONVEYOR AT FLOOR LEVEL
D. 6 DOOR(S) FOR EACH DOOR PROVIDE (8) 27"D ANTHONY SHELVES
E. DOOR(S) FOR EACH DOOR PROVIDE (2) 27"D ANTHONY SHELVES AND (4) 36"D MERCHANDISER SHELVES
F. DOOR(S) D DOUBLE DECK ROLLER CONVEYOR
9. ICE CHEST BY VENDOR
10. RAILINGS TO BE 40" DOUBLE LINE RAILS WITH DISPLAY PLATFORM ABOVE
11. PROVIDE A 6" BLACK VINYL BASE AT ALL CHECKOUTS
12. ELECTRONIC ARTICLE SURVEILLANCE SYSTEM

PHARMACY DEPARTMENT:

13. RX WAITING ROOM W/ 4" LAMINATE WAINSCOT (LAMINATE BY FIXTURE MANUFACTURER)
(5) SEATS
(1) TABLE LAMP (WHEN SHOWN)
14. PROVIDE 8"D SHELVES UNTIL BAKER CELLS ARE INSTALLED
15. COMPUTER TERMINALS
15A. INTERCOM PLUS TERMINAL
15C. TRAINING TERMINAL (WHEN SHOWN)
16. RX SINK AND CABINET
17. CRX CABINET
18. RX REFRIGERATOR
19. PROVIDE A CARPETED FLOOR WITH A RUBBER RUNNER. RX UNDERCOUNTER INSERTS:
#1 - RX 3 DRAWER VIAL INSERT
#2 - RX 3 DRAWER FILE INSERT
#3 - RX OPEN INSERT
#4 - RX CONSULTATION COUNTER UNIT
#5 - RX PRINTER INSERT
#6 - RX 5 DRAWER FILE INSERT
#7 - RX OPEN INSERT WITH CPU SHELF
#8 - RX WILL CALL CABINET
#9 - RX 13 DRAWER FILE CABINET

OFFICE:

20. PROVIDE TILED FLOOR & VINYL WALLCOVERING
21. UNDER COUNTER SHELF UNIT
22. COMPUTER PRINTER
23. LATERAL FILE
24. ADMINISTRATION TERMINAL
24A. P.O.S. TERMINAL
24B. AS400 TERMINAL
24C. STAFFWORKS TERMINAL
25. TILL LOCKER
26. SAFE
27. TV & VCR (IN TRAINING ROOM)

STOCKROOM:

28. NEST-A-FLEX CONVEYOR
29. GRAVITY CONVEYOR
30. POWER ROLLER CONVEYOR
31. BALER

EMPLOYEE ROOM:

32. EMPLOYEE LOCKERS: (1) 7'W & (1) 6'W X 18"D
33. 7'-0" W X 20' EMPLOYEE COOLER W/ CABINETS
34. EMPLOYEE ROOM REFRIGERATOR (PROVIDE 32" CLEAR WHEN NEXT TO COUNTER)
35. EMPLOYEE ROOM SINK (IN COUNTER)
36. 7'-0" MIRROR ON WALL ABOVE COUNTER

MISCELLANEOUS:

37. "E" - ELECTRICAL OUTLET FOR FUTURE USE
38. VENDOR RACKS. REMOVE BASE CHECK & SHOES; END PANEL TO REMAIN
39. PROVIDE OPENING FOR ONE-WAY GLASS (SEE INTERIOR ELEVATION FOR LOCATION)
40. NEWSPAPER RACK BY VENDOR

Walgreens

FACILITIES PLANNING AND DESIGN
106 WILMOT ROAD DEERFIELD, IL 60015-4616

PROJECT DATA

TYPE: GENERAL SALES, FOOD MART, PHARMACY, SECURITY, LIQUOR, 24 HOUR STORE, 1 HR PHOTO, OTHER

SQUARE FOOT AREA SUMMARY

DEPARTMENT	SALES	STOCK	SERVICE	TOTAL EXIST'G	TOTAL NEW	
GEN SALES	NEW	EXIST	9394	1747	1289	12,430
FOOD MART	NEW	EXIST	700			700
RX	NEW	EXIST	799			799
RX WAIT'G	NEW	EXIST	126			126
TAKE CARE CLINIC	NEW	EXIST	54	273		327
1 HR PHOTO	NEW	EXIST	435			435
BSMT	NEW	EXIST				
2ND FLOOR	NEW	EXIST				
TOTAL NEW	11,454	1747	1289		14,490	
TOTAL EXIST				14,490		
TOTAL AREA: FIRST FLOOR				14,490		SQ. FT.
TOTAL AREA: OTHER LEVELS				0		SQ. FT.
GROSS AREA INCLUDING ALL DEPARTMENTS & ALL LEVELS:				14,490		SQ. FT.
RX SHELVING LINEAL FEET:				87		LIN. FT.

FIXTURE MANUFACTURER

KIECHLER/ MYERS, MADIX/ MYERS, LOZIER/ MYERS, DARLING/ DARLING

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	05-09-05	EL	ADD BEVERAGE BAR, (1) HAND SINK, (1) 2 BOWL SINK, CO2 TANKS & SYRUP RACKS; NEW POP STANDS, NEW WS193666; NEW FLOORING IN PASSAGE; REMOVE DOOR TO TRAINING RM; SEE NOTES FOR DETAILS.
2	11/18/08	ST	ADD NEW TAKE CARE CLINIC. ELIMINATE, RESET & ADD NEW STOCK RM SHELVING. ELIMINATE OF GONDOLA SHELVING, GE & 18" OF WALL SHELVING, ADD 8 CHAIRS & FINISHED END FOR GONDOLA. WALGREENS TO PROVIDE POWER, PHONE, DATA LINES, ROUGHED IN PLUMBING, LIGHTING, FLOORING & GLAZING WHERE INDICATED. CLINIC PROVIDER WILL RESEARCH TYPE OF FLOORING & PROVIDE SIGNING FISH MATERIALS. HOUSE SUPERVISOR DETAIL PER CLINIC SIGNAGE AND VENDOR REQUEST.

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF COLORADO AS SIGNIFIED BY MY HAND AND SEAL.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE: 09-04-2009

2009.9388739

STORE NUMBER 06513

PROJECT NAME
WALGREENS STORE
15301 EAST ILLIFF AVE.
AURORA, COLORADO
TAKE CARE CLINIC

DRAWING TITLE
FIXTURE FLOOR PLAN

CADD PLOT: 06514-D1-08-18NOV08
VOID PLOT: F06514D107
SCALE: 1/8"=1'-0"
DRAWN BY: D. BALLENT
DATE: 05/09/05
SUPERSEDES PLAN DATED: 09/20/00
REVIEWED BY:

D1
OF DWGS.

A. Specific submittal requirements for individual units of work are specified in the applicable specification sections. Comply with the requirements specified herein for each type of submittal. Walgreens review of submittals in no way limits the obligation of the contractors from complying with Walgreens criteria documents, which shall govern.

- END OF SECTION

A. Contractor Responsibilities: Except where there are specifically indicated as being provided by another identified entity, inspections, tests and quality control services are the Contractor's responsibility; these services also include those specified to be performed by an independent agency and not directly by the Contractor. Costs for these services shall be included in the contract Sum. The Contractor shall employ and pay an independent agent, testing laboratory or other qualified firm to perform quality control services.

General: Upon completion of inspection, testing, sample-taking and similar services repair damaged work and restore substrates and finishes to eliminate all deficiencies. Repair and protection is the Contractor's responsibility, regardless of the assignment of responsibility for inspection, testing or similar services.

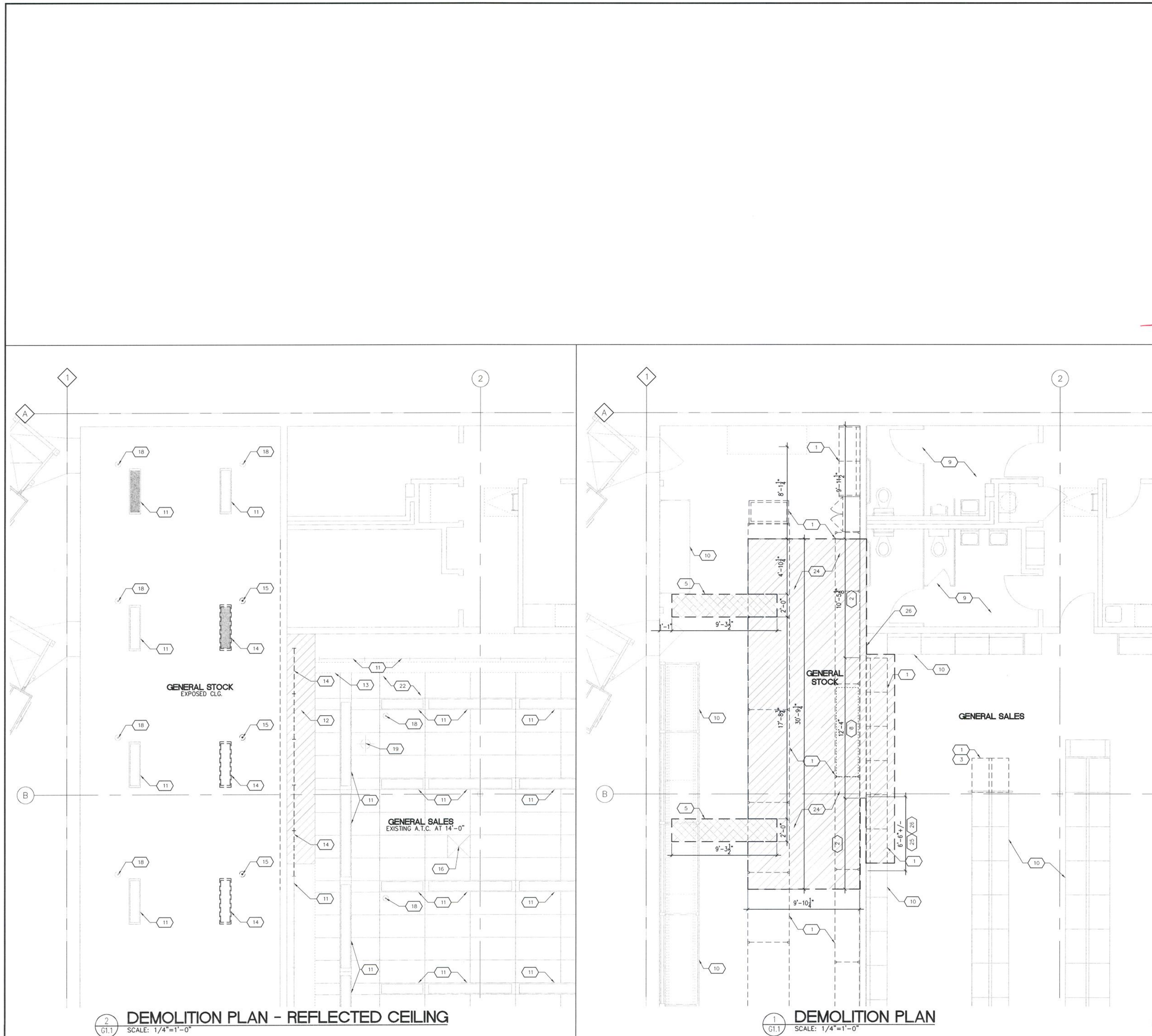
END OF SECTION

- A. General: Employ skilled workers to perform cutting and patching. Proceed with cutting and patching at the earliest feasible time, and complete without delay.
 1. Cut in-place construction to provide for installation of other components or performance of other construction, and subsequently patch as required to restore surfaces to their original condition.
- B. Cutting: Cut in-place construction by sawing, drilling, breaking, chipping, grinding, and similar operations, including excavation, using methods least likely to damage elements retained or adjoining construction. If possible, review proposed procedures with original Installer; comply with original Installer's written recommendations.

This sheet of drawings has not been reviewed for code compliance.

B. Fitting Clearances: For non-rated doors provide clearances of 1/8" at jambs and heads; and 1/8" from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide 1/4" clearance from bottom of door to top of threshold. Bevel non-rated doors 1/8" in 2" at lock and hinge edges. 3.02 OPERATION A. Rehanging or replace doors, which do not swing or operate freely, as directed by Architect.	END OF SECTION	SECTION 09250 — GYPSUM DRYWALL PART I — GENERAL 1.01 DESCRIPTION A. Types of work include: 1. Gypsum drywall including screw-type metal support system. 2. Gypsum backing boards for application of other finishes. 3. Drywall finishing. 1.02 QUALITY ASSURANCE A. Fire-resistance ratings: Where fire-resistance ratings are indicated, provide materials/ assemblies complying with ASTM E 119–00a and as required by local authorities. B. Comply with recommendations of Gypsum Association GA–216. C. Comply with ASTM C 1396, "Specification for Gypsum Board". PART II — PRODUCTS 2.01 METAL SUPPORT MATERIALS A. Ceiling support systems: Size components to comply with ASTM C 754. 1. Main runners: Hot or cold-rolled steel channels with rust inhibitive paint. 2. Hanger wire: ASTM A 641, soft, Class 1 galvanized. B. Furring members: ASTM C 645; 25 ga. min. thickness, hot-shaped or C-shaped (spans over 4 ft.). 2.02 WALL/PARTITION SUPPORT MATERIALS A. Studs: ASTM C 645; 22 gauge, 3–5/8" or 6" as noted. Provide heavier ga. if required by Architect of Record or by manufacturer's span table for allowable gauge minimums. B. Runners: Match studs, use type recommended by stud manufacturer for conditions. C. "Z"–Furring members: Screw-type galvanized steel, ASTM A 653, G 60, 24 ga. min. thickness designed for mechanical attachment of insulation boards to masonry and concrete walls. D. Fasteners: Type and size recommended by stud/furring manufacturer for conditions. E. Deflection Track: ASTM A–653, galvanized steel sheet deep leg track, provide: "SLP–TRK" by Sliptrack Systems, Inc., "Deep Leg Track w/Slip Clip" by Fire Trak Corp., "Deflection Track" by Marino/Ware® or "VertiClip SLD" series by Steel Network, Inc. 2.03 GYPSUM BOARD A. Gypsum Wallboard: ASTM C 1396, regular types unless noted otherwise. Provide Type X for fire-resistant rated assemblies. 1. Thickness: 5/8" minimum. 2. Edges: Tapered. B. Water-Resistant Backing Board (WR): ASTM C 1396, regular types unless noted otherwise. Provide Type X for fire-resistant rated assemblies. 1. Thickness: 5/8" minimum. 2. Edges: Tapered. 2.04 TRIM ACCESSORIES A. Provide manufacturers standard galvanized corner–beads, L-type edge trim beads, U-type edge trim beads, and one-piece control joint beads. 2.05 JOINT TREATMENT A. ASTM C 475 as recommended by manufacturer for application intended. B. Joint Tape: Paper reinforcing tape. C. Joint Compound: Vinyl-type powder or ready-mixed for interior use, except as noted otherwise below. 1. Grade: Single multi-purpose grade for entire application. 2. Water-resistant Board Joint Compound: Special water-resistant type. Treat joints, fastener heads and cut edges. Use USG Sheetrock Setting-Type (Durabond 45 or 90), or approved equal. 2.06 MISCELLANEOUS MATERIALS A. Comply with gypsum board manufacturer recommendations. B. Gypsum Board Screws: Comply with ASTM C–1002–01. C. Sound Attenuating Blankets: FS HH–I–521 Type I; semi-rigid mineral fiber blankets, Class 25 flame spread, full thickness of stud.	C. Do not install imperfect, damaged or damp boards. D. Locate ends/edges over supports. Do not place tapered edges against cut edges. Stagger vertical joints over different studs on opposite sides of partition. E. At wet areas, apply un-cut long edge of WR board at bottom of work. Seal all ends, cut edges and penetrations. F. Fasten all gypsum board to supports with screws. 3.04 DRYWALL TRIM ACCESSORIES A. Install metal trim as follows: 1. Corner beads at outside corners. 2. Edge trim where gypsum board edge would be exposed or semi-exposed. a. L-type where work abuts other work. b. U-type at exposed edges, reveals, gasketed or sealant-filled joints. 3.05 DRYWALL FINISHING A. Prepare work as required for decoration (textured finishes prohibited). B. Apply joint tape at joints except where trim accessories occur. C. Apply joint compounds in 3 coats and sand between last 2 coats and after last coat. 1. Level 4 Finish; shall be applied to all surfaces to receive paint, wall covering, mirrors or wainscoting. 2. Level 3 Finish; shall be applied to Toilet Room and Porter area surfaces to receive water-resistant gypsum board, ceramic tile and fiberglass polyester panels. 3. Level 1 Finish; may only be applied to surfaces located in ceiling plenums not exposed to view, if acceptable to local code authorities. Level 1 finish shall begin not less than 12 inches above finished ceiling. D. All joints to be taped, filled and sanded.	END OF SECTION	SECTION 09510 — ACOUSTIC CEILINGS PART I — GENERAL 1.01 DESCRIPTION A. The extent of acoustic panel ceilings with exposed suspension, with integrated recessed fluorescent lighting, is shown on the drawings. 1.02 QUALITY ASSURANCE A. Fire Performance Characteristics: Provide components identical to those tested according to ASTM, UL as listed and as acceptable to authorities having jurisdiction. 1. Surface Burning: ASTM E 84 a. Flame Spread: 25 or less. b. Smoke Developed: 50 or less. 2. Fire-Resistance Ratings: Provide systems with ratings as required by authorities having jurisdiction. B. Comply with ASTM C 635, ASTM C 636 and Ceilings and Interior Systems Contractors Association (CISCA). PART II — PRODUCTS 2.01 ACOUSTICAL CEILING UNITS A. General: Provide manufacturers standard units complying with FS SS–S–118 including all accessories required for applications encountered. B. Walgreens has established a National Account with Armstrong for ceiling tile and grid for all stores. Armstrong contacts are listed below. 1. For Armstrong systems: Contact the Strategic Account Group 800–442–4212 (select option 1). 2.02 ACOUSTIC PANELS A. Provide Type III, Form 2 panels, color: white, size: 24" x 24" x 5/8", edge; square-cut lay-in from one of the following: 1. Armstrong "Fine Fissured Humiguard" #1728. 2.03 METAL SUSPENSION SYSTEMS A. General: Double-web, direct hung system complying with ASTM C–635. 1. Structural Classification: Intermediate duty. 2. Metal: Hot-dipped-galvanized steel 0.015" thick x 1–1/2" high x 15/16" face. 3. Color: White B. Hanger Wire: Provide not less than 12 gauge galvanized carbon steel ASTM A 641, soft temper. C. Edge Moldings and trim: Manufacturers standard metal of types and profiles required for all applications encountered. Fabricate to fit all penetrations exactly. D. Hold-Down Clips: Provide at 2 ft. o.c. on cross tees for interior panels subject to wind uplift or weighing less than 1 lb. /sq.ft. E. Acceptable Manufacturers: Armstrong "Prelude XL" exposed tee, color; white. F. Seismic Areas: When required by authorities having jurisdiction provide "Heavy Duty" systems approved by local authorities: Armstrong "Prelude XL" with stab-in cross tees. 1. Compression Posts: USG's, Donn Corporation #VSA 12, 24 or 47 as required. 2. Edge Molding: Manufacturers 2 inch wide unit conforming to local requirements.	D. Pop rivets shall be minimized. Use only when manufacturer does not make an accessory to secure the system in the condition encountered. E. Provide trim and moldings as required to conceal edges of acoustic tiles. F. Install panels to fit accurately at borders and penetrations. G. Suspended ceiling system shall not be used to support ductwork, plumbing, sprinklers, insulation, etc. 3.02 ADDITIONAL SEISMIC REQUIREMENTS A. General: Comply with requirements of authority having jurisdiction in the respective seismic zone. B. Individual light fixtures or other attachments to the ceiling system, with a combined weight of 56 lbs. or less shall have two 12 gauge wire hangers attached, with slack, at diagonal corners of the fixture to prevent drop out. 1. Any fixture or attachment weighing greater than 56 lbs. must be independently supported from the structure. C. The minimum connection strength for main and cross runner intersection/splices shall be 60 lbs. in compression and tension (must allow 5 degree offset in any direction). 1. Ceiling system actual weight, including grid, panel, light fixtures and air terminals to be 2.5 lbs./sq. ft. or less. All other services must be independently supported from structure. 2. For ceiling weighing more than 2.5 lbs./sq. ft. consult local authorities for requirements. 3. Provide vertical compression posts or struts as required by local authorities. D. The ceiling system cannot be used to provide lateral support for walls or partitions. E. Perimeter closure angles must provide a min. 7/8", support ledge. Terminal ends of grid or tile must rest on ledge with min. 3/8" clearance from wall. 1. For support ledges smaller than 7/8", terminal ends of cross or main runners shall be independently supported within 8" from each wall or ceiling discontinuity. This support must prevent grid from falling. This support should not be out of plumb greater than 1 in 6. Maintain 3/8" end clearance from wall. 2. All penetrations i.e; columns, sprinklers, etc. and independently supported fixtures are considered perimeter closures that must allow noted clearances. F. At wall closure ledges, cross and main runners must be prevented from spreading apart. Permanent attachment for grid alignment purposes is prohibited. 3.03 ADJUST AND CLEAN A. Clean exposed surfaces of panels, moldings and trim. Remove and replace work that cannot be cleaned to permanently eliminate evidence of damage. 3.04 ATTIC STOCK A. Provide two bundles (24 tiles minimum) of acoustic ceiling tiles.	END OF SECTION	SECTION 09650 — RESILIENT FLOORING PART I — GENERAL 1.01 DESCRIPTION A. Extent of resilient flooring is shown on drawings and schedules. 1.02 QUALITY ASSURANCE A. Provide resilient flooring complying with the following fire performance criteria. 1. Smoke Density: Less than 450 per ASTM E 662. 2. Critical Radiant Flux (CRF): Not less than 0.45 watts/sq. cm. per ASTM E 648 – Class I. B. Moisture vapor emission from the substrate shall not exceed 3 lbs. per 1,000 sq. ft. per 24 hour period for solid vinyl and vinyl sheet and rubber flooring; or 5 lbs. per 1,000 sq. ft. per 24 hour period for vinyl composition tile flooring, in conformance with ASTM F 1869. C. Alkalinity of the substrate shall not exceed 9 on the ph scale. Test the ph of any area where concrete has been ground to ensure that alkalinity does not exceed requirements. D. Install resilient flooring in conformance with flooring manufacturer's instructions. E. Comply with ASTM F–710 "Standard Practice for Preparing Concrete to Receive Resilient Flooring". 1.03 DELIVERY STORAGE & HANDLING A. Protect and store finished flooring products for not less than 72 hours in the ambient conditions in which they will be installed and maintained during permanent use. PART II — PRODUCTS 2.01 TILE FLOORING A. Walgreens has established National Accounts with Armstrong for selected resilient flooring. Each manufacturer has been assigned a specific geographic region. The regions and contacts for each are listed below. 1. Resilient Flooring Contacts: a. Armstrong: Request Walgreens National Account pricing from Armstrong Strategic Accounts at 800–442–4212. B. Vinyl Composition Tile: ASTM F 1066 (Latest Edition), Size: 12" x 12" x 1/8". Armstrong Standard Excelon, Imperial Texture, Color: #51911 "Classic White". C. Solid Vinyl Flooring: ASTM F 1700, Class 3, Type B –Embossed Surface. Armstrong "Natural Options, Wood Collections" planks, Color: #T1024–691 medium, "Wood Oak
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	B. Resilient Edge Stripes: 1/8" thick, 1" wide, homogenous vinyl, tapered or bullnose edge, color to match flooring. C. Adhesives: Water-resistant stabilized type as recommended by flooring manufacturer or as indicated below. 1.VCT; Armstrong adhesive # S-700 orS-515. 2.Solid Vinyl Flooring-"Wood Collections" planks, Armstrong adhesive #S-288. 3.High moisture: Use Armstrong adhesive #S-240 in areas that are consistently wet. 4.Scribing Felt: Armstrong adhesive #S-235. Concrete Slab Primer: Non-staining as recommended by flooring manufacturer. E.Leveling and Patching Compounds: Armstrong #S-183 Fast-Setting Cement-Based Underlayment, Armstrong #S-184 Fast Setting Cement-Based Patch Coat or portland cement based latex types as recommended by flooring manufacturer. F.Scribing Felts: Gray cellulosic synthetic fiber felt, Armstrong #S-153. PART III – EXECUTION 3.01GENERAL A.Inspect to ensure satisfactory substrate surfaces. Satisfactory means smooth and free from cracks, holes, ridges, and coatings preventing adhesive bond, detrimental moisture vapor emissions and other defects impairing performance or appearance. 3.02INSTALLATION A.Scribe, cut and fit resilient flooring to permanent fixtures, built-in furniture, pipes, outlets, columns and walls. B.Tightly cement flooring to subbase without open cracks, voids, raising or puckering at joints or telegraphing. C.Avoid use of cut widths less than 1/2 tile at perimeters. Lay tile square to room axis. D.Lay tile in checkerboard pattern with grain reversed in adjacent tiles. E.Provide flash cove base (turned up vinyl sheet) if required by local Health Dept. at select areas of the store. F.Solid Vinyl Flooring-"Wood Collections" planks, Stagger end joints a minimum of 6" apart. Do not install over expansion joints. Roll with 100-lb roller; install tile in same direction. G.VCT Protective Coat: General Contractor shall use floor cleaning company approved recommended by Johnson Diversey. Contact Johnson Diversey at 800-558-2332 and ask for the Walgreen's New Store Coordinator to obtain an approved Building Service Coordinator. The cleaning contractor is responsible for providing equipment, cleaning chemicals, and labor to complete requested service. He will also agree to carry Workmen's Compensation, public liability and property damage insurance in form and amount acceptable to The Walgreen Company. Following tile installation (preferably within 24 to 48 hours) the floor should be swept, damp mopped with Revive Plus SC and allowed to thoroughly dry. Apply 4 medium coats of Vectra Floor Finish allowing sufficient dry time between coats (approximately 30-45 minutes between coats). Do not apply stripper or autoscrub the tile "mill" finish. 3.03ACCESSORY INSTALLATION A.Scribing Felts: When installing thinner gauge material next to thicker materials, install thicker material first. 1.Butt 12-inch wide piece of Scribing Felt against thicker material and adhere with specified adhesive. 2.Use leveling or patching compound to featheredge of scribing felt to level of substrate. 3.Allow patch to dry completely before installing flooring. B.Apply base in longest possible lengths. Miter or cope inside corners, make non-penetrating "v-cut" on backside to form outside corners. C.Place edge strips tightly butted to flooring at locations where tile edges would otherwise be exposed. 3.04CLEANING AND PROTECTION A.Remove excess adhesive and other surface blemishes. B.Protect flooring from construction damage as recommended by flooring manufacturer. 3.05ATTIC STOCK A.Provide one box (45-tile minimum) of each type of tile flooring. END OF SECTION	1.Benjamin Moore: John Lanzillotti or Connie Green 201-802-6225. Direct order line: 877-626-5676 2.Pittsburgh Points: Marie Carr 866-298-7245 (phone), 888- 434-3127 (fax) or www.ppgeaccount.com (call toll free number above to register). 2.02 VINYL WALL COVERING A. Vinyl Wall Covering (Selection A): Type II, medium duty, Class A, complying with FS CCC-W-408. Obtain Vinyl Wallcoverings through Walgreens National Account. Contact MDC Wallcoverings, Customer Service, 800-621-4006, Jan Prewitt, ext. 8338, Felicia Colucci, ext. 8389. Reference the following information when ordering: MDC Wallcoverings Quote# 40392915. MDC Beta #6928. 20 oz. Vinyl with Osnaburg backing. 54-inch wide 30 yard bolts. 1. Puerto Rico and Florida stores shall receive perforated vinyl wall covering. Reference MDC wall covering Beta #6928P when ordering. B. Adhesive (heavy duty, clay based, mildew resistant): Roman Adhesives "Extra Strength Vinyl Adhesive Pro-732", Gibson-Homans "Dynamite Professional Wallcovering Adhesive #7233". 1.Perforated wall covering adhesive shall be Roman Decorating products # 550. C. Primers (clear): Gibson-Homans "Dynamite #7221 acrylic primer, Roman Adhesives "Vinyl Prep", William Zinsser Co "SHIELDZClear." 1. Perforated wall covering primer shall be Roman Decorating product # 990. PART III – EXECUTION 3.01PREPARATION A.Do not paint over dirt, rust, scale, grease, moisture or other conditions detrimental to formation of a durable paint film. B.Remove hardware, accessories, plates, light fixtures and other items not to be painted or wall covered. Reinstall removed items upon completion of painting and wall covering. C.Prime and seal surfaces to receive wall covering in accordance with manufacturer recommendations. 3.02PAINT APPLICATION A.Apply additional coats when undercoats, stains etc, show through until color and appearance is uniform. B.Paint surfaces behind movable equipment. C.Point interior surfaces of ducts where visible, with flat, non-specular black point. D.Paint grilles and registers at ceilings and walls to match adjacent surfaces. E.Completely cover surfaces to provide an opaque, smooth, uniform finish and color, free of spotting, holidays, laps, brush marks, runs, sags or other imperfections. F.Completed Work: Refinish or repaint work not in compliance with specified requirements. 3.03VINYL WALL COVERING INSTALLATION A.Install seams plumb, and 6" minimum form corners. Horizontal seams are prohibited. Remove air bubbles, wrinkles, blisters and other defects. B.Trim selvages to assure color uniformity and pattern match. C.Remove excess adhesive from seams. 3.04CLEANING AND PROTECTION A.Upon completion, clean paint spatters from window glass, equipment and other paint splattered surfaces. B.Protect work of others against damage from painting and wall covering work. Repair, repaint or replace damaged surfaces as acceptable to Walgreens. 3.05PAINTING SCHEDULE A.Health Corner Paint Finishes: Soffit Underside: Prime Coat: Moorcraft Super Spec Latex Enamel Under Coater & Primer Sealer (#253). Pittsburgh Points Speedhide Latex Primer Sealer (#6-2). Finish: 2 coats, Moorcraft Super Spec Vinyl Latex Flat (#275). Color: "White Dove" Premixed color. Pittsburgh Points Speedhide Interior Flat Latex (6-70 Series). Tinted to match B.M. "White Dove" Exam Room & Side Reception Walls: Manufacturer: Benjamin Moore Prime Coat: Moorcraft Super Latex Spec Latex Enamel Under Coater & Primer Sealer (#253) Finish: 2 coats, Moorcraft Super Spec Latex Eggshell (C#274) Color: Wheatfield (#2159-50) Back Reception Wall: Manufacturer: Benjamin Moore Prime Coat: Moorcraft Super Spec Latex Enamel Under Coater & Primer Sealer (#253) Finish: 2 coats, Moorcraft Super Spec Latex Eggshell (C#274) Color: Sherwood Green (#HC-118) B. Stockroom, Passages, Rubbish Room and other rooms not otherwise noted (gypsum wallboard): Prime Coat: Moorcraft Super Spec Latex Enamel Under Coater & Primer Sealer (#253). Pittsburgh Points Speedhide Interior Latex Primer Sealer (#6-2).	Finish: 1.coat, Moorcraft Super Spec Latex Semi-Gloss Enamel (#276), color: "Bone White" Premixed Color. 1 coat Pittsburgh Points Speedhide Interior Semi-Gloss Latex Enamel (6-500 Series), tinted to B-M's "Bone White". A. Interior Door Frames: Prime Coat: Moorcraft Super Spec Alkyd Enamel Undercoater & Primer Sealer (#245). Pittsburgh Points Speedhide Interior Quick Drying Enamel Undercoater (6-6). Finish Coat: 2 coats Regal Satin Impervo Enamel (#235) color # 2112-30 "Stone Brown". 2 coats Pittsburgh Points Interior Industrial Enamel Lo-Lustre Alkyd 7-827, tinted to B-M's 2112-30 "Stone Brown". B. Concrete Block, Concrete, Masonry (Interior): Prime Coat: Moorcraft Latex Enamel Undercoater & Primer Sealer (#253). Pittsburgh Points Speedhide Acrylic Alkali Resistant Primer (6-603, masonry), (6-7 concrete block). Finish: 2 Coats, Moorcraft Vinyl Latex Flat (#275), color "Bone White" Premixed Color. 2 coats Pittsburgh Points Speedhide Interior Flat Latex (6-70 Series) tinted to B-M's "Bone White". C. Ferrous Metal (Interior): Prime Coat: Iron Clad Latex Low Lustre Metal & Wood Enamel (#363). Pittsburgh Points Industrial Rust Inhibitive Primer (7-858 Series). Finish: 2 Coats Moorcraft Latex Semi-Gloss Enamel (#276), Color: Columns "White Dove" Premixed Color. 2 coats Pittsburgh Points Speedhide Interior Semi-Gloss Latex (6-500 Series), tinted to B-M's "White Dove". END OF SECTION	SECTION 11700 – MEDICAL EQUIPMENT PART I – GENERAL 1.01DESCRIPTION A.The extent of examination room equipment and accessories shown on drawings. B.Work includes coordination and installation of owner supplied examination room equipment and accessories. C.Types of examination room equipment and accessories includes: -integrated diagnostics system -guest arm chair -sharps container -glove box holder -paper towel dispenser -refrigerator -exam table -exam stoo -trash receptacle -office chair -swing arm bracket -television bracket mount -plasma television -bolt-down safe -scale 1.02QUALITY ASSURANCE A.Coordination: Provide blocking as required for all wall-mounted accessories. B.Install all work in accordance with manufacturer's instructions. PART II – PRODUCTS 2.01INTEGRATED DIAGNOSTIC SYSTEM A.Welch Allyn, #76791-MX integrated diagnostic system & wall transformer set. Installed on Cabinetry. 2.02SHARPS CONTAINER A.Becton-Dickenson (BD), #305017, 5.4 qt wall cabinet sharps container with shield. Color: Beige. 2.03GLOVE BOX HOLDER A.McKesson Med-Surg, part #4064. 2.04PAPER TOWEL DISPENSER A.United Receptacle, part #U703. Color: White 2.05EXAM ROOM REFRIGERATOR A.Avanti, #BCA441W counterheight refrigerator with lock 2.06EXAM ROOM TABLE A.Brewer 4000 Basic Examination Table 2.07FLAT PANEL LCD HDTV A.Haier 32"Black LCD HDTV – HL32BG 2.08LCD TILT WALL-MOUNT BRACKET A.WALL-Sonus VisionMount LCD TV Wall Mount-Black Finish-MT25B1 B.CEILING-Peerless Ceiling Mount-Black Finish-PLCM-2 w/ screen adapter plate-PLP-UNL. 2.09SAFE A.Gardell, #DS128-G-K 2.10MONITOR SWING ARM A.Ergotron, #45-180-195 wall-mount LCD arm. Color: Black. PART III – EXECUTION 3.01INSTALLATION A.Install wall-mounted accessories plumb, level, and securely anchored. Mount accessories using concealed vandal proof fasteners; at heights as shown on drawings. B.Coordinate with Fixture Floor Plan and drawings for installation locations and placement of equipments. END OF SECTION	SECTION 12300 – MANUFACTURED CASEWORK PART I – GENERAL 1.01DESCRIPTION A.The extent of examination room and reception area cabinets, counters, desks, and chair rails shown on drawings. B.Work includes coordination and installation of all owner supplied examination room and reception area casework. C.Casework includes: -overhead storage cabinets (refer to Fixture Plan for specific individual cabinet) -practitioner work station -fold-down table -corkboard -coat storage -medical hutch -safe cabinet -reception desk 1.02QUALITY ASSURANCE A.Coordination: Provide blocking as required for all overhead cabinets as shown on drawings and casework shop drawings. B.Install all work in accordance with manufacturer's instructions. PART II – PRODUCTS 2.01CASEWORK A.Custom casework package for exam rooms and reception area provided by clinic provider and installed by contractor. Manufacturer: Powers
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- KEY NOTES**
1. FIXTURE(S) TO BE REMOVED/RESET PER D-1
 2. REMOVE GWB TO STUDS GENERAL STOCK SIDE ONLY. CLEAN, PATCH, PREPARE FOR NEW FINISH
 3. CLEAN, PATCH, REPAIR, AND SEAL AREA OF EXISTING FLOOR WHERE SHELVING IS REMOVED.
 4. NOT USED
 5. LOCATE SANITARY LINE AND VERIFY NEW PLUMBING ROUTE, CUT AND REMOVE CONCRETE FLOOR IN CONTINUOUS STRAIGHT LINE(S). DISPOSE OF DEBRIS IN PROPER CONTAINER AND REMOVE OFF SITE. REFERENCE PLUMBING SHEETS FOR PLUMBING LINE INSTALLATION. BACKFILL AND COMPACT PER SPEC'S. INFILL OPENING IN SLAB WITH CONCRETE. PROVIDE CONCRETE SEALER: QUIKRETE ACRYLIC CONCRETE SEALER #8800 ON FINISH SURFACE.
 6. REPLACE DAMAGED OR CUT VINYL FLOOR TILE. MATCH ARMSTRONG STANDARD EXCELON, IMPERIAL TEXTURE #51911, COLOR: "CLASSIC WHITE", GENERAL SALES SIDE ONLY.
 7. NOT USED
 8. PORTION OF WALL TO BE CUT AND REMOVED
 9. NO WORK THIS AREA
 10. FIXTURES TO REMAIN (NO WORK)
 11. LIGHT TO REMAIN
 12. SOFFIT TO BE MODIFIED PER NEW CONSTRUCTION, PATCH, AND REPAIR AS REQ'D.
 13. LINE OF MIRRORS TO REMAIN
 14. REMOVE LIGHT FIXTURE AND ALL ASSOCIATED WIRING BACK TO NEXT REMAINING WORKING FIXTURE
 15. RELOCATE SPRINKLER HEAD, SEE A1.1A FOR FURTHER INFORMATION.
 16. SUPPLY/RETURN GRILLE TO REMAIN, CLEAN.
 17. NOT USED
 18. SPRINKLER HEAD TO REMAIN
 19. SECURITY DEVICE TO REMAIN
 20. NOT USED
 21. NOT USED
 22. CLG. TO REMAIN, CLEAN, PATCH, REPAIR EFFECTED AREA
 23. NOT USED
 24. CONCRETE FLOOR, CLEAN AND PREPARE FOR NEW FINISHES
 25. WALL TO BE MODIFIED FOR NEW PLASMA SCREEN TELEVISION, REFER TO A1.1A FOR FURTHER INFORMATION.
 26. REMOVE VINYL WALL COVERING THIS WALL. CLEAN, PATCH, AND PREPARE FOR NEW FINISH

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1740 Platte Street (303) 863-8100
Denver, CO 80202 (303) 863-8118 fax

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED: *HOC*
DATE: APPROVED APR 06 2009

2009388739

LEGEND

— EXISTING TO REMAIN
--- EXISTING TO BE REMOVED / DEMOLISHED / MODIFIED

NORTH

NO.	DATE	BY	DESCRIPTION	CONST.
REVISIONS				

CERTIFICATION AND SEAL

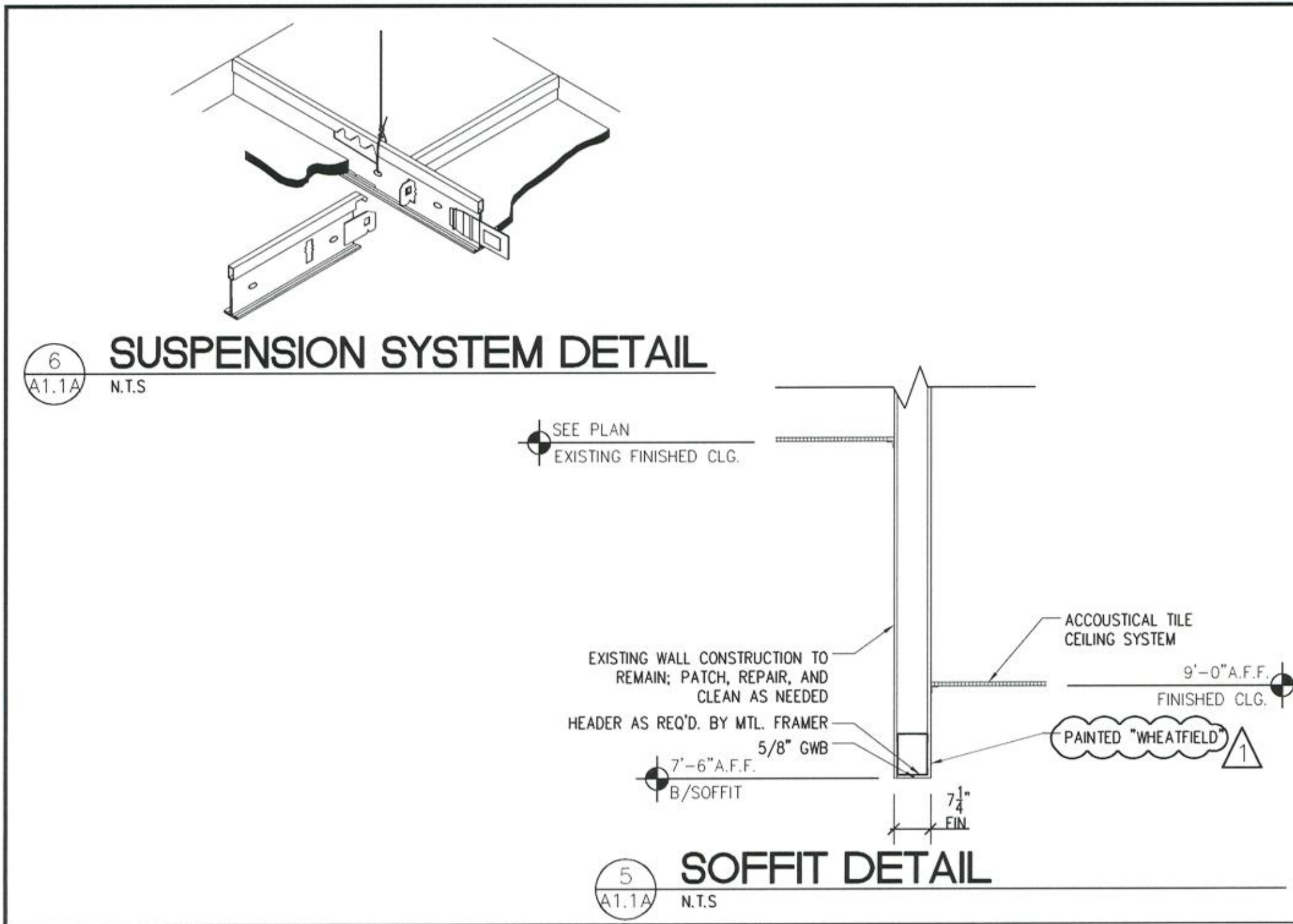
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STATE OF COLORADO
HOWARD M. KENT
B-2159
12/19/08
LICENSED ARCHITECT

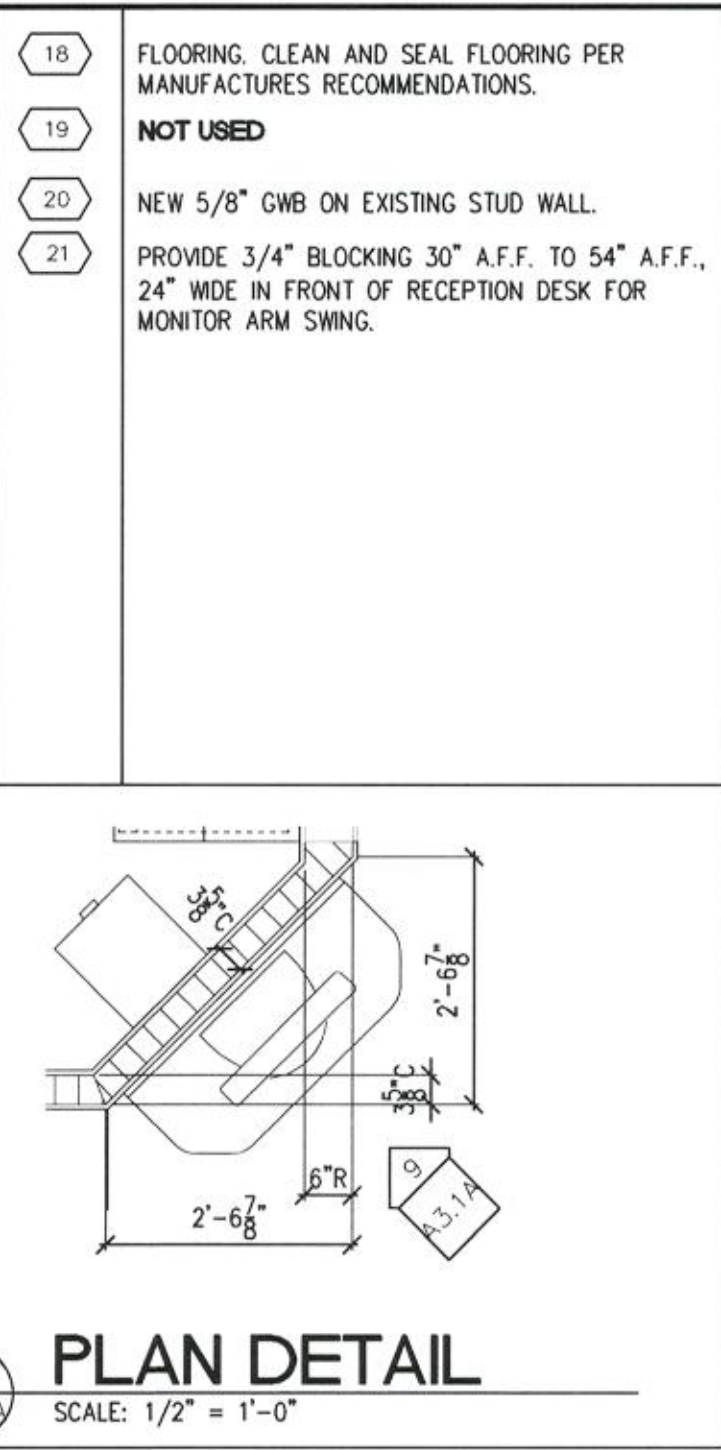
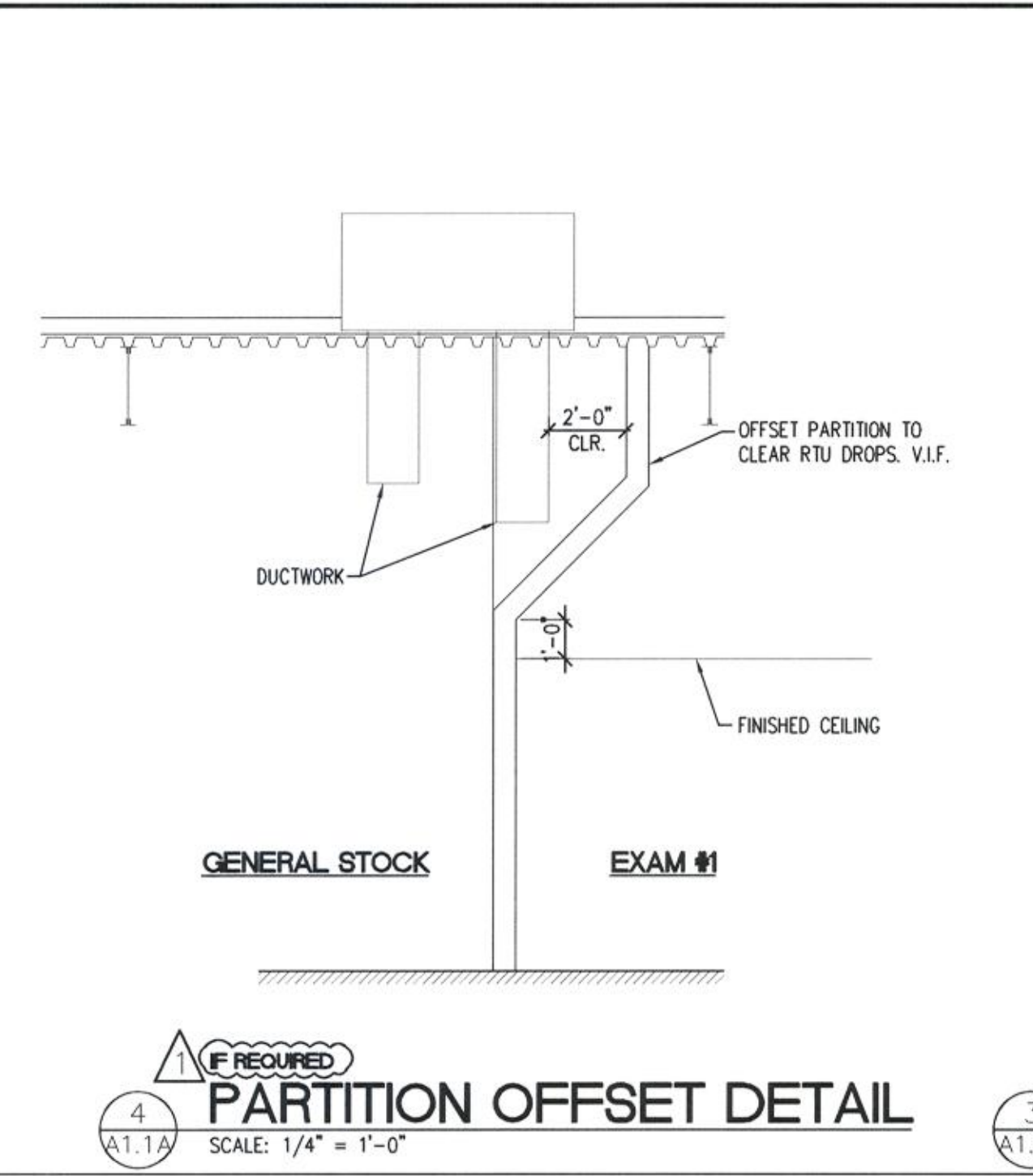
PROJECT NAME
15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE
DEMOLITION PLAN(S)

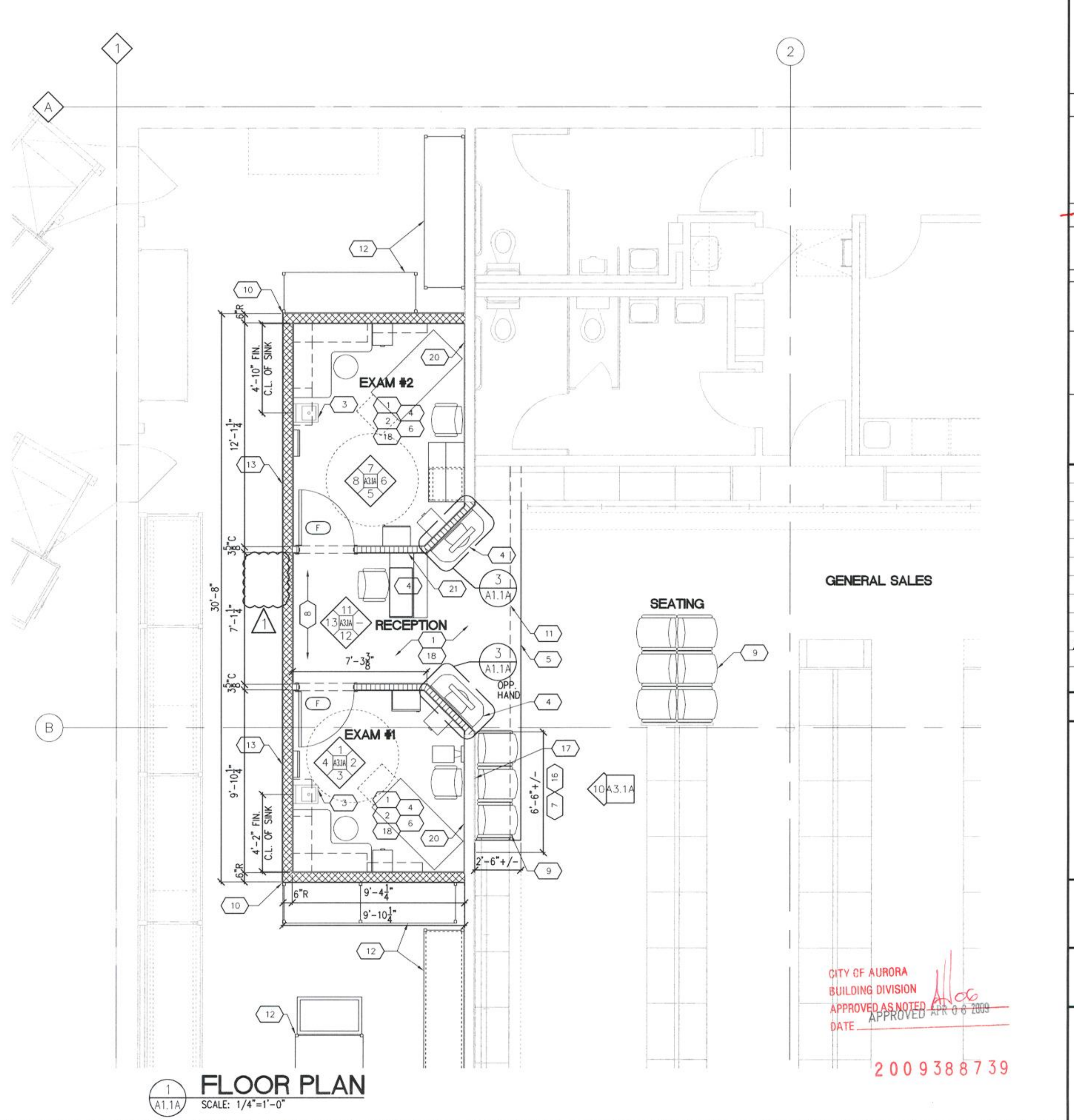
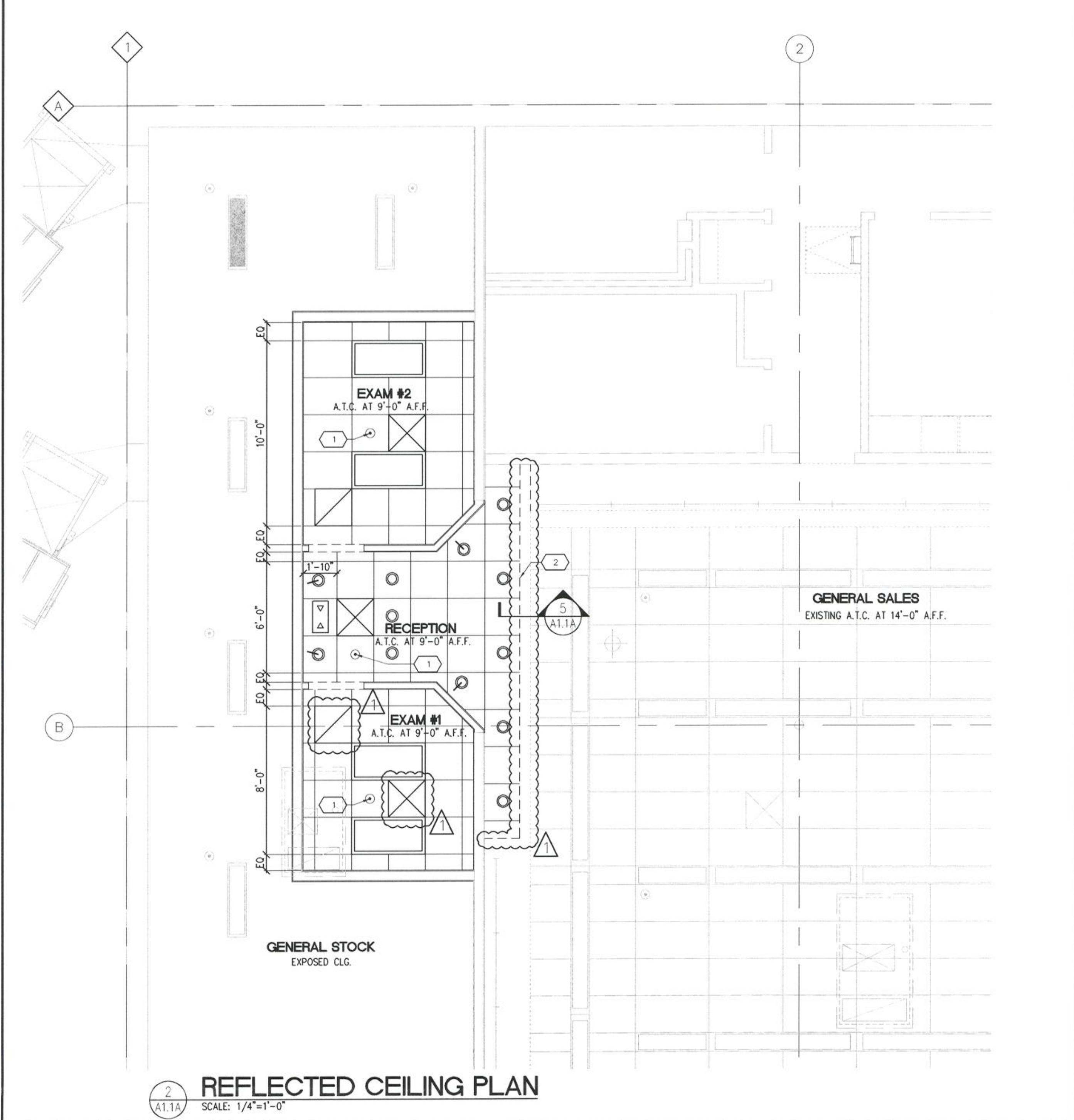
DATE: 12-19-08	STORE NO.: 000-06513	DRAWING NO. G1.1
RELEASED TO CONSTRUCTION:	BASED ON WALGREENS PROTOTYPE DATED: 08/07	
COMM. NO.: 508081		



- KEY NOTES: RCP**
- 1 SPRINKLER HEAD(S), LOCATION(S) SHOWN FOR COORDINATION ONLY. FINAL SPRINKLER DESIGN AND PERMIT BY CONTRACTOR.
 - 2 GYPSUM WALLBOARD SOFFIT PAINTED ON INSIDE FACE. SEE 5/A1.1A
 - 3 NOT USED
- LEGEND**
- SEE SHEETS E1.1A AND M1.1A FOR ADDITIONAL INFORMATION
- SUPPLY AIR
 - RETURN AIR
 - SPEAKER
 - EXHAUST FAN
 - EMERGENCY LIGHT: 'E-1' (WALL/COLUMN MOUNTED)
 - EMERGENCY LIGHT: 'E-2' (CEILING GRID MOUNTED)
 - RECESSED CAN LIGHT FIXTURE
 - RECESSED WALL WASHED SPOT LIGHTING
 - FLUORESCENT LIGHTING - SEE DRAWING E4.1 FOR LIGHTING FIXTURE SCHEDULE AND DETAILS.
 - EXTERIOR LIGHT FIXTURE (WALL MOUNTED)



- KEY NOTES: FLOOR PLAN**
- 1 PATCH AND REPAIR EXISTING WALL, FLOOR, AND CEILING FOR NEW FINISH(ES).
 - 2 INSTALL SOUND BATTS TO FULL HEIGHT, LENGTH, AND DEPTH OF PERIMETER WALLS THIS ROOM.
 - 3 STAINLESS STEEL HAND SINK FURNISHED AND INSTALLED BY CONTRACTOR. REFER TO P1.1A AND D-1 FOR FURTHER INFO.
 - 4 CASEWORK BY SERVICE PROVIDER INSTALLED BY GENERAL CONTRACTOR, REFER TO SHEET D-1
 - 5 LINE OF FLOOR MATERIAL CHANGE. ALIGN W/ NEAREST EXISTING FULL VCT
 - 6 PROVIDE F.R.T. WOOD BLKG. BEHIND GWB, REFER TO INTERIOR ELEVATIONS SHEET A3.1A
 - 7 PROVIDE F.R.T. BLKG. BEHIND GWB FOR PLASMA SCREEN TELEVISION. MOUNT 65" A.F.F., REFER TO SHEET(S) D-1 AND A3.1A
 - 8 DIRECTION OF PLANK FLOORING, USE FEATHERING FELT TO LEVEL PLANKS W/ VCT
 - 9 SEATING BY WALGREENS, REFER TO SHEET D-1
 - 10 CORNER GUARD
 - 11 LINE OF SOFFIT
 - 12 NEW OR RESET FIXTURE(S), REFER TO SHEET D-1 FOR FURTHER INFO.
 - 13 PROVIDE 4'-0" HIGH MASONITE @ WALLS WITHOUT SHELVEING
 - 14 NOT USED
 - 15 NOT USED
 - 16 CLEAN, PATCH, AND REPAIR WALL TO RECIEVE NEW PAINT FINISH.
 - 17 1x4 CHAIR RAIL ON WALL WITH PATIENT SEATING CHAIRS, MOUNTED 2'-10" AFF AT TOP OF RAIL. CHAIR RAIL FINISH TO MATCH SIGN-IN KIOSK WOOD MILLWORK.



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GENERAL NOTES:

1. ALL DIMENSIONS ON FLOOR PLAN ARE TO FACE OF MASONRY AND FACE OF STUD UNLESS NOTED OTHERWISE.
2. DOOR JAMBS SHOWN AGAINST ADJACENT WALLS ARE OFFSET 4" UNLESS NOTED OTHERWISE.
3. CEILING LAYOUT STARTING POINTS BEGIN AT INSIDE FACE OF GWB AS SHOWN. PRIOR TO INSTALLATION OF GRID, VERIFY NO CONFLICTS WITH STRUCTURAL COLUMNS & LIGHT FIXTURES EXIST.
4. CEILINGS SHALL NOT BE USED TO SUPPORTING ANY BUILDING INSULATION. ROOF CONSTRUCTION SHALL PROVIDE THE REQUIRED INSULATION VALUE. CEILING LIGHTS ARE TO BE WIRED TO BAR JOIST MEMBERS AT THE DIAGONAL CORNERS. DO NOT ATTACH CEILING COMPONENTS TO ROOF DECK.
5. ALL CEILINGS HEIGHTS, CEILING MATERIALS, AND LIGHT FIXTURES SPACINGS ARE AS SHOWN ON REFLECTED CEILING PLAN. ANY DEVIATION FROM THESE REQUIREMENTS MUST BE APPROVED BY WALGREENS IN WRITING.
6. ALL DIMENSIONS ON REFLECTED CEILING PLAN ARE FROM FINISH TO FINISH OR FINISH TO CENTERLINE UNLESS NOTED OTHERWISE.
7. CENTER LIGHTS IN ROOM AT EQUAL SPACING AS SHOWN, EQUAL DISTANCE OFF OF EACH WALL.

PARTITION + CEILING DATA

COMPLIANCE: NATIONAL GYPSUM CO. BULLETIN NO. 9-2171. OR U.S. GYPSUM CO. HANDBOOK LATEST EDITION.

STUDS AND OTHER FRAMING: AS NOTED.

GYPSUM WALLBOARD: 5/8" INCLUDING CEILINGS AND SOFFITS. ALL GWB TO BE TAPED & SANDED TO SMOOTH FINISH.

PARTITION LEGEND

ABBREVIATIONS

C- TO MIN. 3" ABOVE CLG. RF- TO ROOF DECK, AIR TIGHT
WR- WATER RESISTANT (ALL PLUMBING WALLS) FIRECODE (TYPE 'X') GWB.
GWB- GYPSUM WALLBOARD R- TO ROOF DECK.

SYMBOL

DESCRIPTION

6" X 22 GA. MTL. STUDS 24" O.C. TO ROOF DECK (SECURED TO ROOF FRAMING) WITH 5/8" GWB ON BOTH SIDES; M.R. GWB AT SINK. SEE ROOM FINISH SCHEDULE FOR ADDITIONAL LOCATIONS W/ W.R. (WET WALLS ONLY)

3-5/8" X 22 GA. MTL. STUDS 24" O.C. TO 12" ABOVE ACOUSTICAL CEILING HEIGHT WITH SOUND ATTENUATION BATT INSULATION WITH 5/8" GWB ON BOTH SIDES TO UNDERSIDE OF ACOUSTICAL CEILING

REVISIONS

NO.	DATE	BY	DESCRIPTION	CONST.
1	01-26-09		PERMIT RESPONSE: WALGREENS REVIEW #1	

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HOWARD M. KENT
B-2159
LICENSED ARCHITECT

PROJECT NAME
15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE
FLOOR PLAN AND
REFLECTED CEILING PLAN

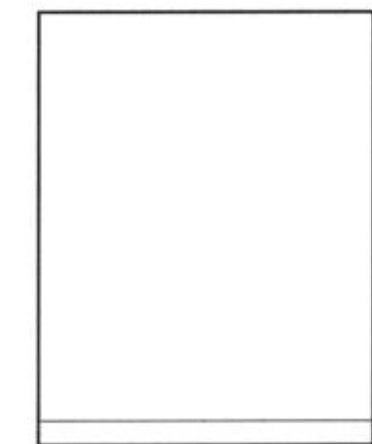
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RELEASED TO CONSTRUCTION: -
COMM. NO.: 508081

STORE NO.: 000-06513
BASED ON WALGREENS PROTOTYPE DATED: 08/07

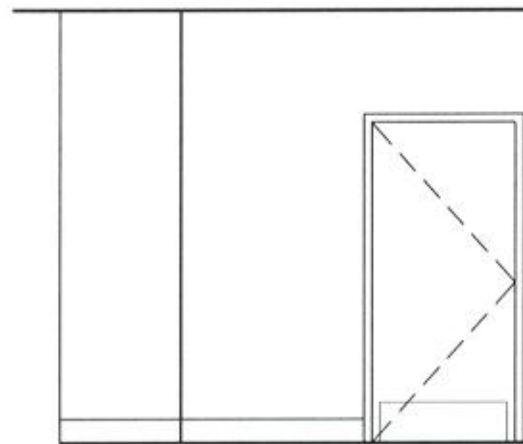
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APPROVED AS NOTED
DATE: APR 08 2009

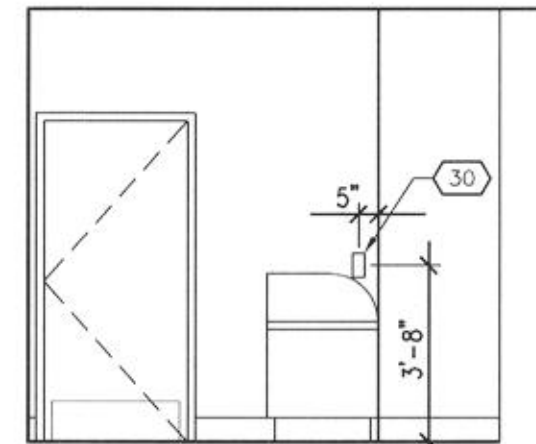
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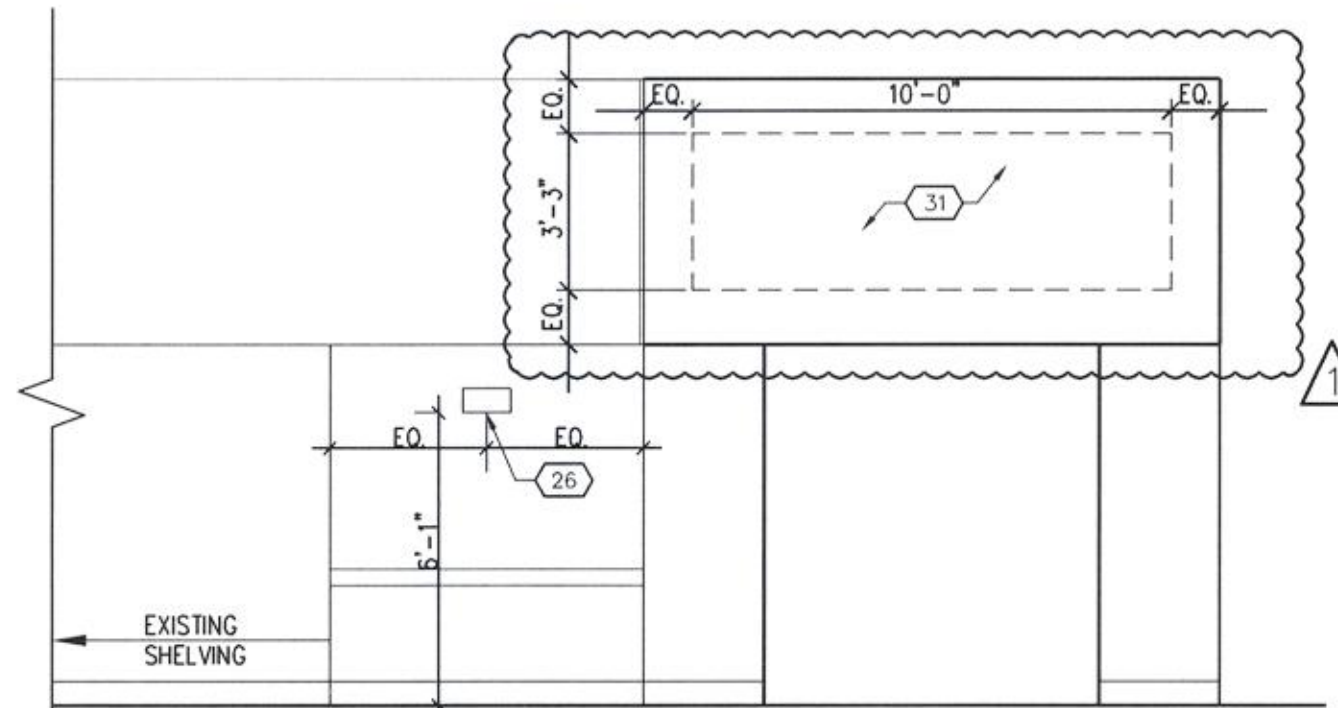
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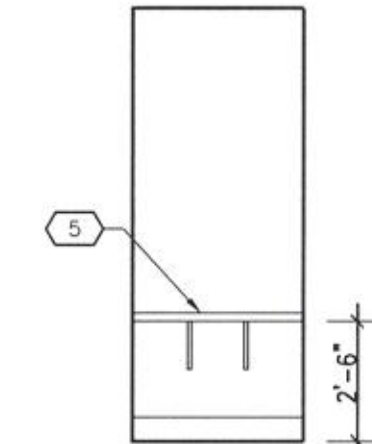
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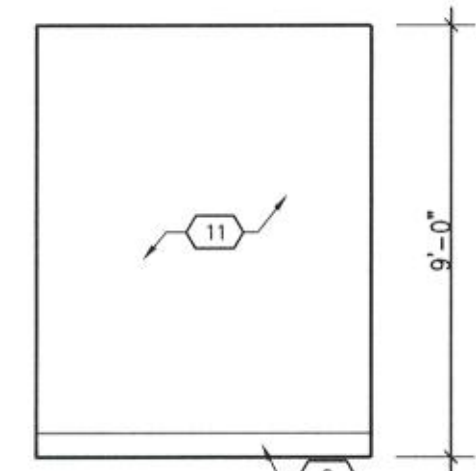
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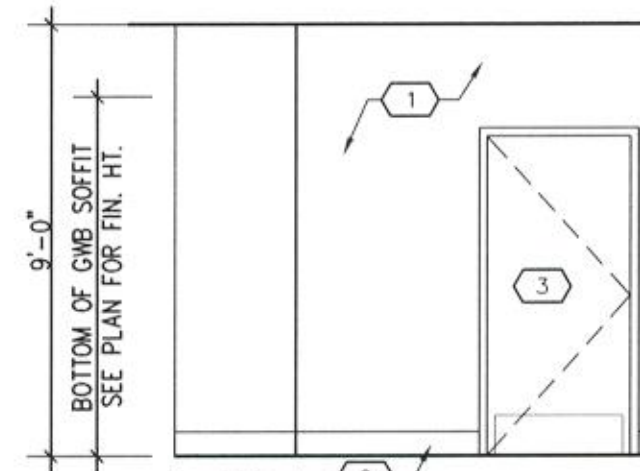
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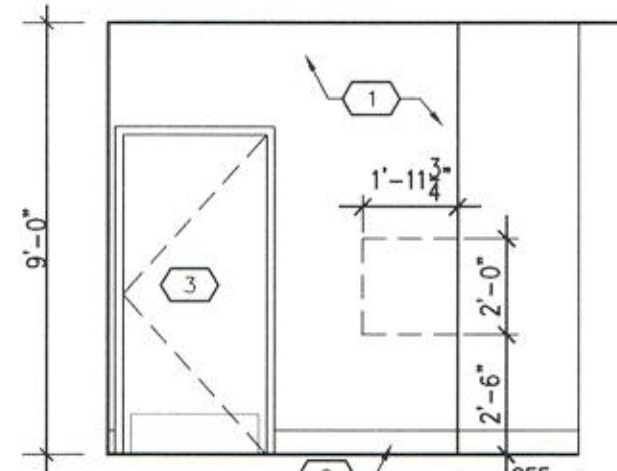
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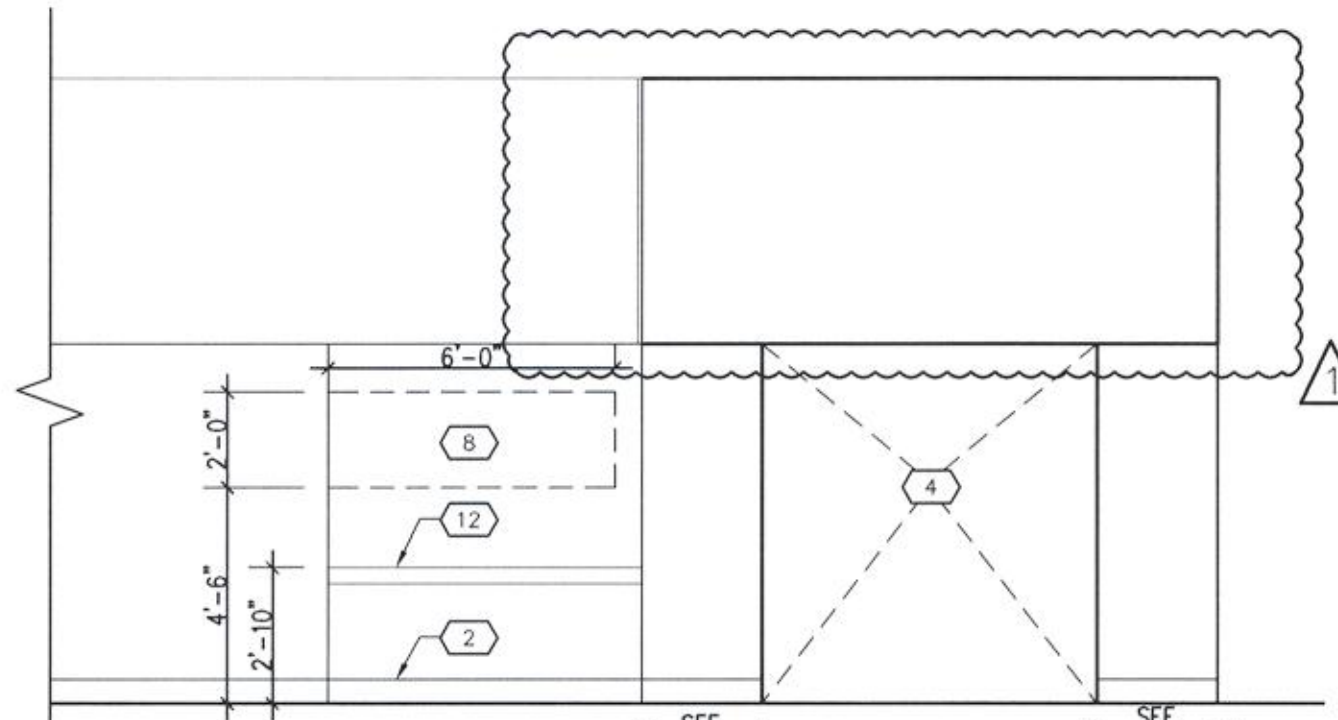
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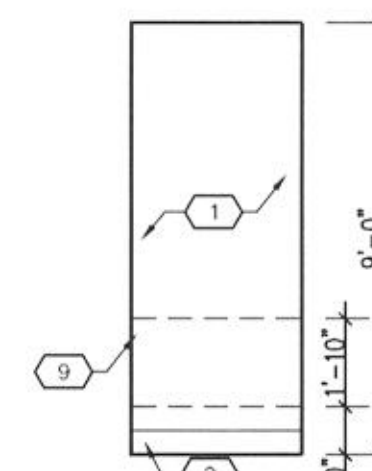
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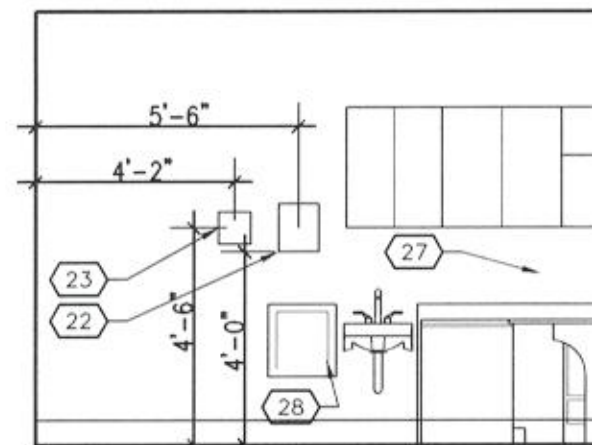
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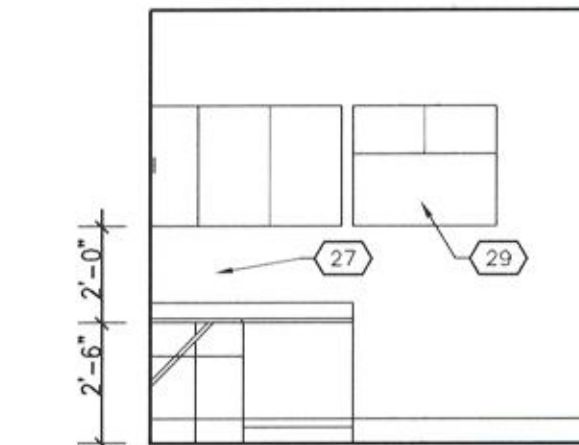
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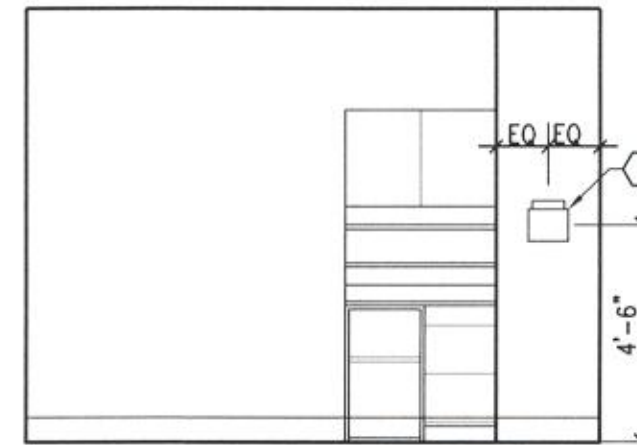
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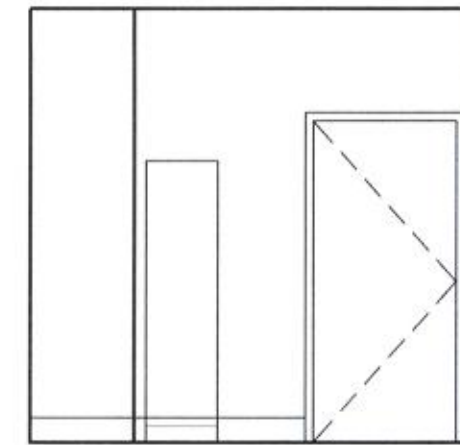
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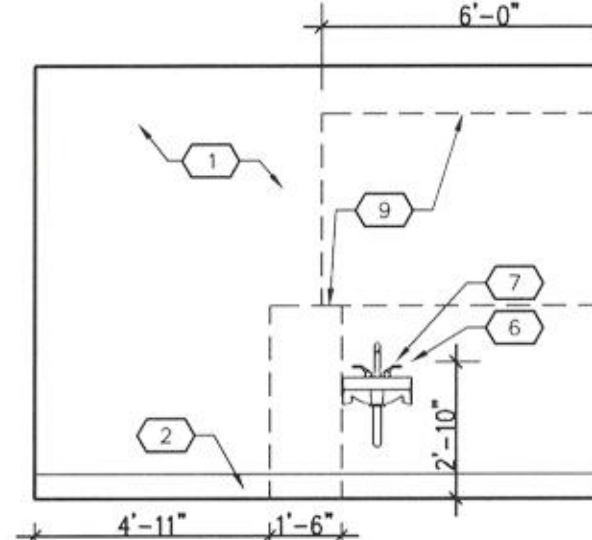
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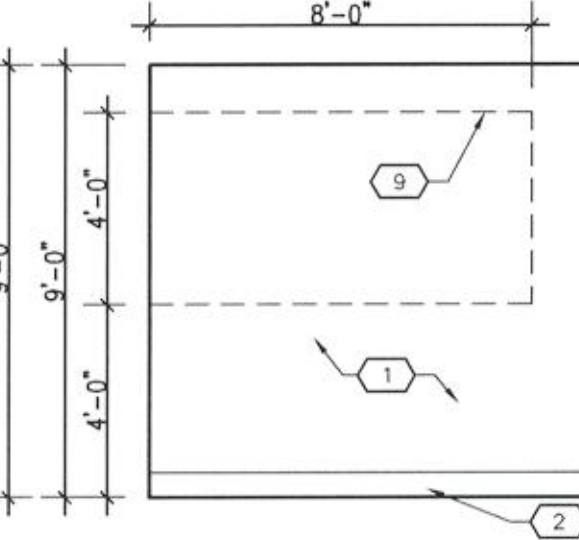
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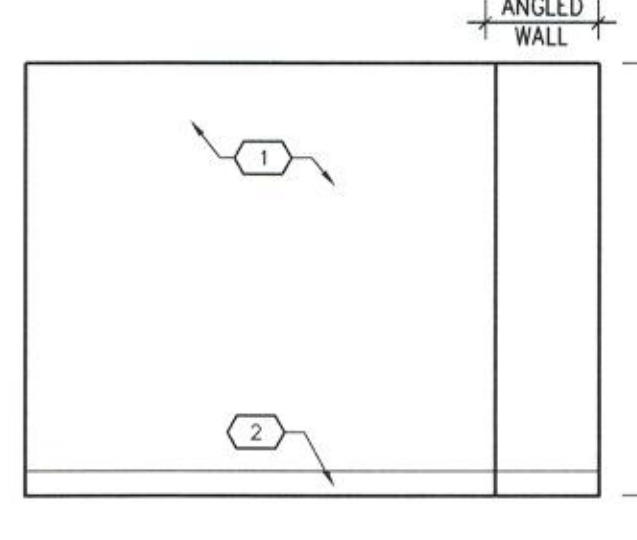
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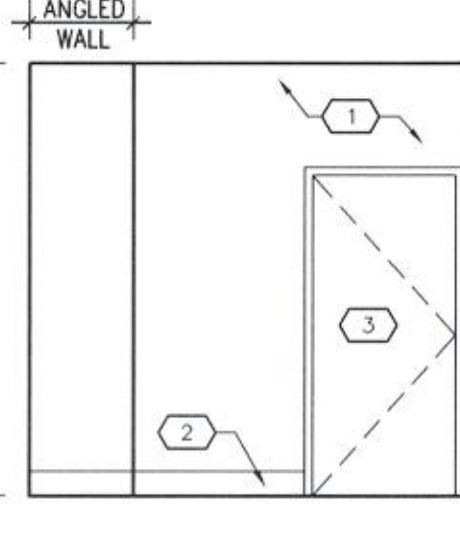
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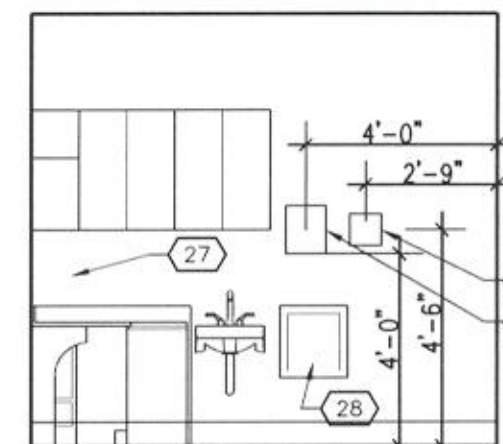
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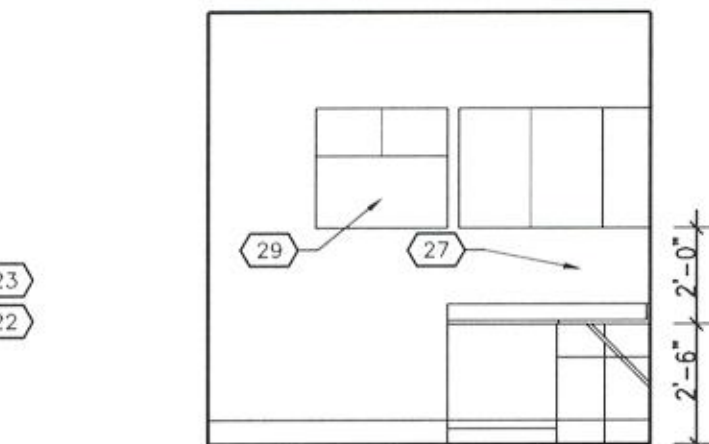
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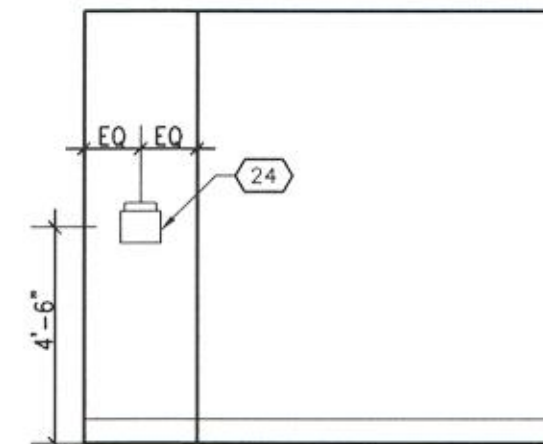
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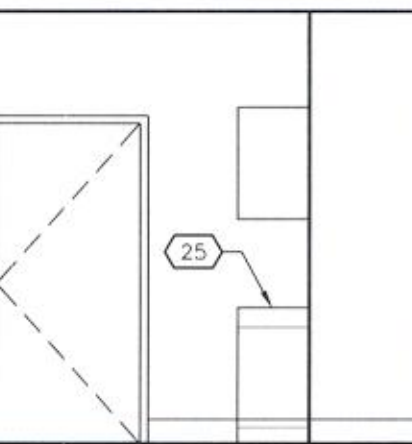
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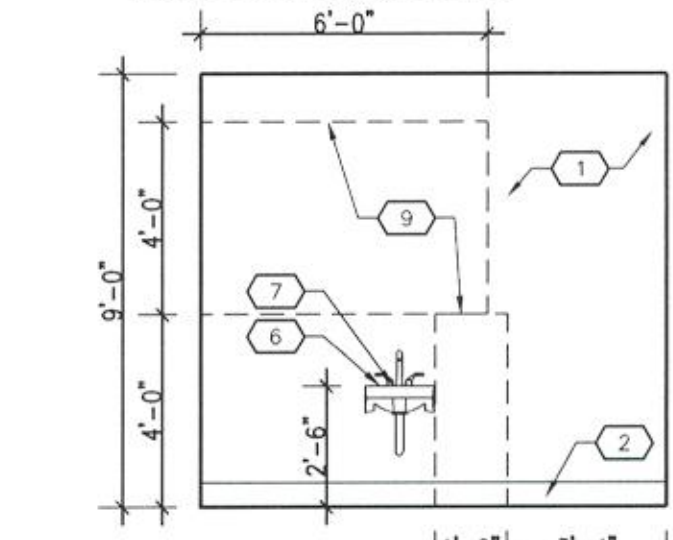
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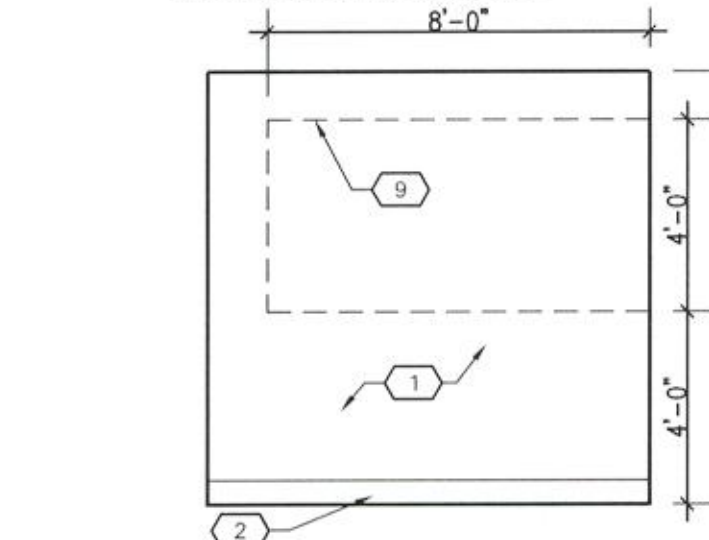
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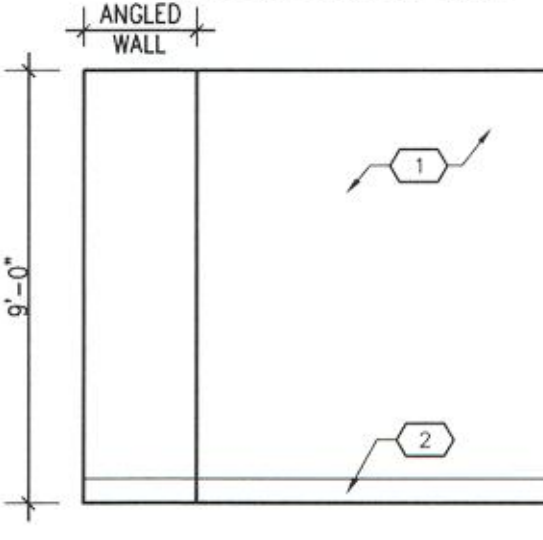
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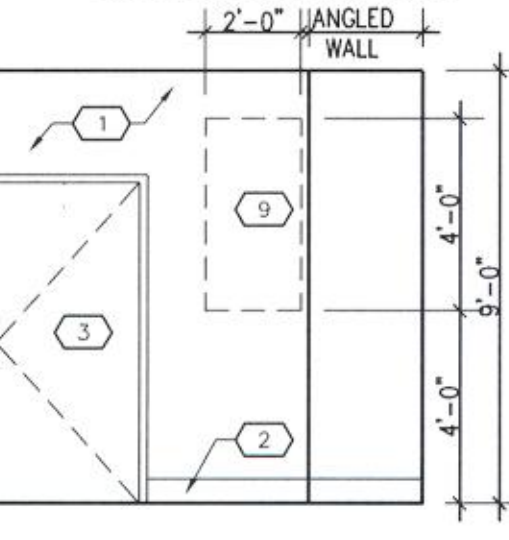
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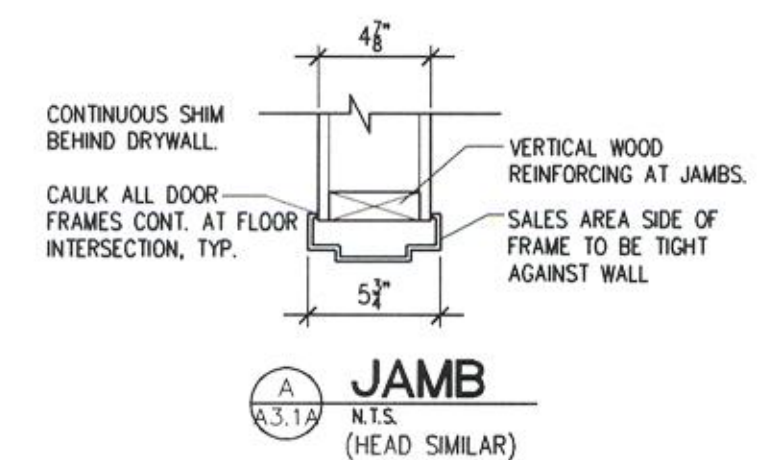
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2
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1
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JAMB
N.T.S.
(HEAD SIMILAR)

KEY NOTES

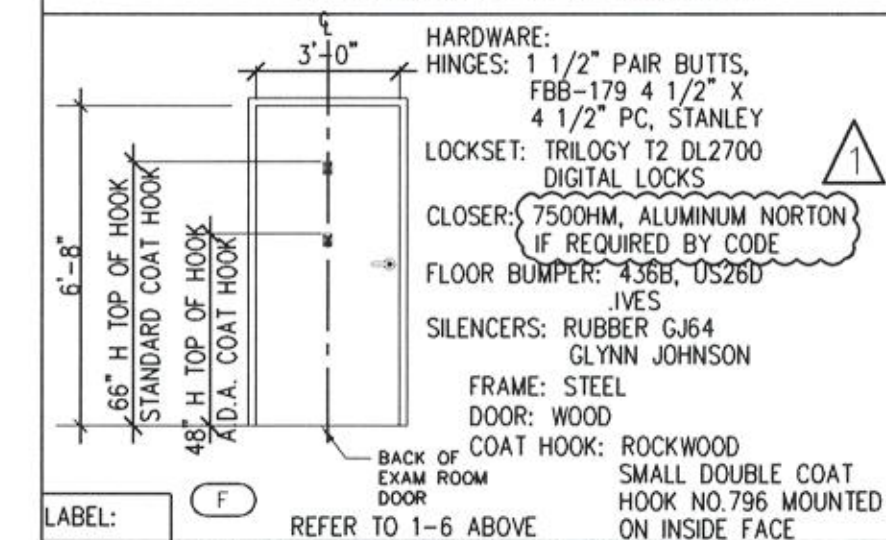
- 1 PAINT - SEE FINISH SCHEDULE AND SPECIFICATIONS
- 2 6" VINYL BASE WITH PREFORMED OUTSIDE CORNERS, TYP. RETURN ALL CORNERS AS REQ'D.
- 3 STAIN EXAM ROOM DOOR. PAINT DOOR FRAME B.M. "STONE BROWN"
- 4 OPENING BETWEEN EXAM ROOM RECEPTION AND PATIENT SEATING AREA
- 5 16" DEEP LAMINATED COUNTERTOP AND SUPPORTS BY CLINIC PROVIDER. BLOCKING AND INSTALLATION BY GENERAL CONTRACTOR
- 6 STAINLESS STEEL SINK, SEE PLUMBING DRAWINGS.
- 7 1x4 WOOD BLOCKING FOR SINK SUPPORT, SEE PLUMBING DRAWINGS
- 8 OUTLINE OF TV MONITOR PLYWOOD BLOCKING.
- 9 OUTLINE OF CABINET PLYWOOD BLOCKING.
- 10 OUTLINE OF SWING ARM MONITOR PLYWOOD BLOCKING.
- 11 PAINT BENJAMIN MOORE "SHERWOOD GREEN", THIS WALL ONLY
- 12 CHAIR RAIL
- 13 INSTALL PIPE WRAP INSULATION ON ALL EXPOSED PIPING BELOW LAVATORIES
- 14 NOT USED
- 15 NOT USED
- 16 NOT USED
- 17 NOT USED
- 18 NOT USED
- 19 NOT USED
- 20 NOT USED
- 21 THREADED RODS ATTACHED TO STRUCTURE SIZED AND SPACED TO ADEQUATELY SUPPORT WATER HEATER
- 22 PAPER TOWEL DISPENSER
- 23 GLOVE HOLDER
- 24 SHARPS CONTAINER
- 25 BOLT DOWN SAFE (INSIDE CABINET)
- 26 PLASMA SCREEN MOUNTING BRACKET
- 27 CORK BOARD INSTALLED BETWEEN CASEWORK AND UPPER CABINETS PROVIDED BY CLINIC
- 28 FOLD-DOWN TABLE
- 29 MOUNT INTEGRATED DIAGNOSTIC SYSTEM. PROVIDE CLEARANCES FOR DIAGNOSTIC EQUIPMENT REMOVAL.
- 30 SWING ARM MOUNT BRACKET
- 31 TAKE CARE WALL DECAL PROVIDED BY WALGREENS, INSTALLED BY CONTRACTOR.
- 32 ENCLOSE EXPOSED EDGE OF MIRROR BY PROVIDING BLOCKING AT END OF MIRROR TO SUPPORT NEW GMB WITH EDGE CASING BEAD. PAINT TO MATCH EXISTING ADJACENT WALL.

DOOR AND HARDWARE SCHEDULE

1. LOCKING HARDWARE TO USE COMBINATION KEYPAD LOCKSET WITH SERVICE OVERRIDE. OVERRIDE KEYS SHALL BE KEYPED ALIKE FOR SERVICE.
2. EXAM ROOM DOORS TO BE STAINED SHERWIN WILLIAMS #3214-TRADITIONAL CHERRY. POLYURETHANE FINISH.
3. SEE FLOOR PLAN FOR DOOR SWINGS.
4. UNLESS NOTED OTHERWISE, INTERIOR DOORS ARE WOOD. KICK PLATES: SHALL BE STAINLESS STEEL WITH US320 FINISH. 10" HIGH AND 2" LESS THAN WIDTH MANUFACTURED BY ROCKWOOD OR APPROVED EQUAL. INSTALL ON PUSH SIDE ONLY.
6. INSTALL SOUND PROOF GASKET SYSTEM "PEMKO S88C SILICONSEAL" ON DOOR AND FRAME.

WOOD DOOR:
1 3/4" THICK, SOLID CORE FLUSH INTERIOR DOOR
FACES: BIRCH VENEER
GRADE: STAIN GRADE
CONSTRUCTION: 5-PLY
STEEL FRAME: 18 GA. COLD ROLLED FURNITURE STEEL, PRIME COATED, MITERED AND WELDED CORNERS TO RECEIVE PAINT.

BETWEEN SALES AND PASSAGE #1



ROOM FINISH SCHEDULE

	FLOOR	BASE	WALLS	CEIL'G	PAINT	DOORS
EXAM ROOM #1	6" VINYL PLANKING - ARMOSTRONG COLOR #1024-691	6" VINYL BASE (ON G.W.B.) #4 BUTTERSCOTCH	WATER RESISTANT GYPSUM WALLBOARD	SEE INTERIOR ELEVATIONS	BM #2159-50 WHEATFIELD	BM #2159-50 WHEATFIELD
EXAM ROOM #2	6" VINYL PLANKING - ARMOSTRONG COLOR #1024-691	6" VINYL BASE (ON G.W.B.) #4 BUTTERSCOTCH	WATER RESISTANT GYPSUM WALLBOARD	SEE INTERIOR ELEVATIONS	BM #2159-50 WHEATFIELD	BM #2159-50 WHEATFIELD
EXAM RECEPTION	6" VINYL PLANKING - ARMOSTRONG COLOR #1024-691	6" VINYL BASE (ON G.W.B.) #4 BUTTERSCOTCH	WATER RESISTANT GYPSUM WALLBOARD	SEE INTERIOR ELEVATIONS	BM #2159-50 WHEATFIELD	BM #2159-50 WHEATFIELD
PATIENT SEATING	6" VINYL PLANKING - ARMOSTRONG COLOR #1024-691	6" VINYL BASE (ON G.W.B.) #4 BUTTERSCOTCH	WATER RESISTANT GYPSUM WALLBOARD	SEE INTERIOR ELEVATIONS	BM #2159-50 WHEATFIELD	BM #2159-50 WHEATFIELD
GENERAL STOCK	6" VINYL PLANKING - ARMOSTRONG COLOR #1024-691	6" VINYL BASE (ON G.W.B.) #4 BUTTERSCOTCH	WATER RESISTANT GYPSUM WALLBOARD	SEE INTERIOR ELEVATIONS	BM #2159-50 WHEATFIELD	BM #2159-50 WHEATFIELD

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CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE: APPROVED APR 0 8 2009

2009388739

NO.	DATE	BY	DESCRIPTION	CONST.
1	01-26-09		PERMIT RESPONSE; WALGREENS REVIEW #1	

REVISIONS

CERTIFICATION AND SEAL

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PROJECT NAME
15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE
INTERIOR ELEVATIONS,
DETAILS, AND SCHEDULES

DATE: 12-19-08	STORE NO.: 000-06513	DRAWING NO.: A3.1A
RELEASED TO CONSTRUCTION:	BASED ON WALGREENS PROTOTYPE, DATED: 08/07	
COMM. NO.: 508081		

SECTION 15050 – BASIC MECHANICAL MATERIALS AND METHODS

PART I – GENERAL

1.01 MECHANICAL GENERAL REQUIREMENTS

A. This section applies to all mechanical work. The contractors involved shall check all sections of the specifications in addition to the particular section covering their specific trade. Each distinct section of the specifications aimed for one trade may have detailed information with regard to other trades. Therefore, it is imperative that all sections be reviewed to get a complete picture of all other trades' functions and work required.

B. The Walgreen Co. drawings, which constitute an integral part of this contract, shall serve as the working plans. They indicate the general layout of the complete mechanical systems.

1. "Field verification, of scaled dimensions on plans, is advised since actual locations, distances, and levels will be governed by actual field conditions." All measurements shall be verified at the site.

2. The mechanical and electrical contractors shall check architectural, structural, plumbing, heating, ventilation, air conditioning, and electrical plans to avoid possible installation conflicts. Should drastic changes from original plans be necessary to resolve such conflict, the contractor shall notify the architect and Walgreen Co. – Facilities Planning and Design Department, and secure written approval and agreement on necessary adjustment before the installation is started.

3. Discrepancies shown between plans, or, between plans and actual field conditions, or between plans and specifications shall promptly be brought to the attention of Walgreen Co. for a decision.

4. Drawings and specifications are intended to cover the completed installation of systems to function as described. The omission of the expressed reference to any item of labor and material necessary to comply with practice codes, ordinances, etc. shall not relieve the contractor from providing such additional labor and material.

5. The contract drawings serve as working drawings for the general layout of the various services. However, layout of equipment accessories, specialties, piping systems, and conduit runs are diagrammatic unless specifically dimensioned and do not necessarily indicate every required valve, fitting, transition, turning vane, junction box, pull box, conduit size, etc. It is the contractor's responsibility to provide all systems complete and operable. The contractor to make field verification of all services, systems, etc. as part of the total work required and the cost to be included in this base bid.

C. Accessibility: Do not locate traps, controls, unions, pull boxes, etc. in any system at a location that will be inaccessible after construction is completed. Maintain accessibility for all components in mechanical, electrical, and plumbing systems.

D. Cutting and Patching: All cutting required shall be done by the contractor whose work is involved, without extra cost to Walgreen Co. All patching and restoration, including the furnishing and installation of access panels in ceiling, walls, etc. within the building lines, shall be done by the respective, responsible contractor. No cutting of structural steel, concrete, or wood shall be done without prior approval and explicit directions of the architect and Walgreen Co. All duct openings in walls, floors, ceiling, and roof shall be cut and patched by the respective, responsible contractor.

E. Cutting and patching of existing roof and roof deck for the mechanical work under warranty. If roof is under warranty, engage and pay for the services of a licensed roofing subcontractor authorized by the roofing manufacturer to perform work with the particular roofing system so as to maintain the warranty currently in effect. If the roof is not under warranty, roofing subcontractor shall be approved by the General Contractor and Walgreens

F. Relocation of Existing Ducts, Conduits, Pipes, and Utilities: The contractor, under whose jurisdiction the work may fall, shall provide labor, material, and tools required to cut, repair, protect, cap, or relocate existing pipes, conduits, or utilities interfering with or uncovered during work, per regulations of the authorities having jurisdiction.

G. Excavation and Backfill: Excavation and removal of material, shoring, dewatering, and backfilling required for the proper laying of all pipes and conduits inside the building and premises, and outside as may be necessary, shall be done by the contractor whose work is involved, without extra cost to Walgreen Co.

H. Vibration Eliminators: Rotating or reciprocating equipment, ducts, piping, etc. shall be isolated from the structure by means of approved vibration absorbing units as provided or recommended by the equipment manufacturer or architect.

I. Sleeves: Each contractor shall furnish required sleeves. Sleeves shall be extended 2 inches above the floor, wall, etc. unless noted otherwise, and shall be Schedule 40 galvanized steel pipe and of the required size and location. The contractor responsible for running pipes in the sleeve shall caulk the space between pipe and sleeve with oakum and seal with mastic cement or other approved material.

J. Electric Motors: See Section 16050, Basic Electrical Materials and Methods.

K. Damage to Other Work: Each contractor shall be held rigidly responsible for all damages to their own or any other trades' work resulting from the execution of the involved contractor's work.

L. Concrete Foundation: Concrete foundation for all mechanical equipment shall be provided by the general contractor, but the respective mechanical contractor shall furnish foundation bolts and all essential information and shall check the work prior to the pouring of concrete insuring acceptable results. The foundation shall be as indicated or as recommended by the equipment manufacturer.

M. Large Equipment: All large equipment that may be too large to enter through stairways, doorways, or shafts, which is to be installed in the building shall be brought on the job and placed in the proper space before the enclosing structure is completed, unless arrangements are made with other contractors to permit access at a later date, without additional cost to Walgreen Co.

N. Rough-in for Connection to Equipment: It shall be the responsibility of each contractor to study the architectural, structural, electrical, and mechanical drawings, conferring with the various trades involved, and checking with the supplier of equipment in order to properly rough-in for all equipment.

O. Material and Equipment: All material and equipment shall be new and of the best quality used for the purpose in good commercial practice, and shall be the standard product of reputable manufacturers. The material and equipment must meet approval of state and local codes in the area it is being used.

P. Construction Superintendent: The term "construction superintendent" shall herein be referred to synonymously as Walgreen Co.'s construction superintendent.

Q. Performance of Work: All work outlined in the various mechanical and electrical sections shall be done by the contractor under whose jurisdiction the work may fall. See drawings and specifications.

R. Roof decks shall not be used to support piping, conduit, equipment, devices, etc. Bar joist panel points and beams shall be used to support loads unless otherwise directed by the structural engineer.

S. Electrical Wiring: See Electrical Specifications, Division 16.

T. Testing: All testing results shall be documented in the form of written reports.

1.02 SUPPLEMENTARY CONDITIONS

A. Refer to other requirements of mechanical and electrical work in Division 1 without exception.

B. Permits, Inspections, and Tests: All work is to be executed in compliance with, and each contractor is to observe and abide by, all applicable laws, regulations, ordinances, and rules of the national, state, county, and local governing agencies, or any other duly constituted public authority. Each contractor shall, at all times, maintain proper facilities and provide safe access for inspection to all parts of the work and to the shops wherein the work is in preparation. No work shall be enclosed or covered until approved by the architect, and should any work be enclosed or covered before all necessary inspections are completed, same will be opened for examination at the contractor's expense. All fees, licenses, tests costs, etc. are the contractor's responsibility.

C. Rules, Regulations, and Codes:

1. All material and equipment shall conform to the standards, where available, of the National Electrical Manufacturers Association (N.E.M.A.), National Fire Protection Association (N.F.P.A.), National Electrical Code (N.E.C.), Underwriters Laboratories (U.L.), American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), Sheet Metal and Air Conditioning Contractor's National Association (SMACNA), and American Water Works Association (AWWA).

2. All work shall conform to all applicable federal, state, and local codes and utility companies' regulations.

D. Workmanship and Installation: Walgreen Co. shall decide whether or not the finished work is satisfactory in their judgment. If any material and/or equipment has not been properly installed or finished, this contractor is obligated to replace the material and/or equipment wherever required and to reinstall the material and equipment in a manner entirely satisfactory at this contractor's expense (without additional cost to Walgreen Co.).

E. Guarantee: Each contractor shall guarantee each complete system for a period of one (1) year from the date of acceptance of the work by Walgreen Co. to be free of defects of material and workmanship and that any faulty material or workmanship shall be repaired or replaced without additional cost to Walgreen Co.

F. Cooperation: There shall be complete cooperation with all trades in the matter of planning and execution of the work. Every reasonable effort shall be made to prevent conflict as to space requirements, dimensions, locations, leaving of opening, or other matters that would obstruct or delay the work.

END OF SECTION

SECTION 15250 – MECHANICAL INSULATION

PART I – GENERAL

1.01 DESCRIPTION

A. Section 01010 Summary of Work and Section 15050, Basic Mechanical Materials and Methods, shall be considered a part of these specifications.

B. Piping insulation, jackets, and accessories.

C. Ductwork insulation, jackets, and accessories.

PART II – PRODUCTS

2.01 PIPE INSULATION

A. Domestic water

1. All piping (above finished floor) shall be covered with Armacell AP/Armatex pipe insulation insulation ½" thick in accordance with ASTM C-534, grade I, type I for tubular materials and grade I, type II for sheet material.

2. All joints shall be sealed with approved manufacturers adhesive.

3. All lines running outdoors shall have insulation protected from weather by two (2) coats of manufacturers approved finish.

4. Acceptable Alternate Manufacturer: Koolphen K CFC Free Phenolic foam, or Aerocel (by Aeroflex International Company) closed cell Elastomeric thermal insulation.

5. Fiberglass pipe insulation, one inch thick with built-in vapor barrier may be used in lieu of the Armacell product specified on interior storm lines, interior domestic water lines, interior condensate drain piping from HVAC units and interior water waste pump discharge lines. Acceptable manufacturers are Armstrong, Certainteed, Johns-Manville, Knauf and Owens-Corning.

2.02 DUCTWORK INSULATION

A. All ductwork shall be insulated, including but not limited to supply, return, exhaust, relief transfer duct, etc.

B. Ductwork Below Roof: The insulation shall consist of one layer 2" thick of Owens-Corning Type 75, .75 lbs./cu. Ft. density, with an installed R-value of 5.6 and vapor jacket. Acceptable Alternate Manufacturer: Johns-Manville, Armstrong, Certainteed and Knauf.

C. Internally lined ductwork is "not acceptable" in any ductwork including main drops from the roof-top units.

2.03 INSULATION RATINGS

A. Flame spread shall be 25 or less.

B. Smoke developed shall be 50 or less.

PART III – EXECUTION

3.01 INSTALLATION

A. Install materials in accordance with the manufacturer's instructions.

END OF SECTION

SECTION 15300 – FIRE PROTECTION

PART I – GENERAL

1.01 DESCRIPTION

A. Division 1, General Requirements, and Section 15050, Basic Mechanical Materials and Methods, shall be considered a part of these specifications.

B. The fire protection system work includes, but is not limited to, the following: Furnish and install complete, operable fire protection system, with all related items. System shall be designed, fabricated and installed by a firm regularly engaged in this type of work and employing those skilled in the work involved.

C. Systems shall be in accordance with the applicable standards of the National Fire Protection Association (N.F.P.A.) and requirements of any authorities having jurisdiction.

1.02 SUBMITTALS

A. Submit for Walgreen approval, the Fire Protection Plan FP1.1 prior to submitting any fire protection permit documents required by the authorities having jurisdiction. Submit to Walgreen Co. and the Architect/Engineer of Record, complete shop drawings of the entire Fire Protection System before starting work.

PART II – PRODUCTS

2.01 GENERAL

A. All materials and devices essential to the successful operation of the Fire Protection System shall be UL Listed with the exception of steel pipe. Steel pipe shall conform to NFPA 13 Table 6.3.1.1. Backflow preventers shall be either UL Listed or classified.

2.02 AUTOMATIC SPRINKLERS

A. Assemblies shall be as specified on Walgreen criteria drawing "Fire Protection Plan" FP1.1 or Walgreen Co. written approved equals.

B. The manufacturer shall warrant assemblies for ten (10) years against defects in material and workmanship. Temperature rating of sprinkler shall be based on the maximum ambient temperature of the environment in which it is installed.

C. Listed corrosion-resistant sprinklers shall be installed in locations where chemicals, moisture or other corrosive vapors sufficient to cause corrosion of such devices exist.

2.03 ACCESSORIES

A. Provide alarm bells, valves, drains, flow switches, and all other items required for a complete system.

B. Provide permanently marked, waterproof metal or rigid plastic identification signs or placards at all valves secured with corrosion-resistant chain.

PART III – EXECUTION

3.01 INSTALLATION

A. Contamination: All system components shall be free of rust and other contaminants and clean inside and out.

B. Piping: Design layout shall allow for suitable venting and drainage. Installation shall be coordinated with all other items in the construction and shall not obstruct lights, air outlets, dampers, valves, access doors and other items requiring access. Piping in areas having ceilings shall be concealed. Piping may be exposed elsewhere but kept high as possible with all consideration for the Walgreen Co. plan layout. Piping passing through walls, floors and other building components must be sleeved. Piping penetrating finished spaces shall be fitted with chrome split-ring escutcheons. Sleeves shall be patched and sealed as required to maintain fire ratings where applicable. Install flow switches, tamper switches, alarms and any other required electrical components within the piping system.

C. Cutting: All openings for piping should be anticipated and indicated on the approved shop drawings. Any additional cutting or openings must have the written approval of the Architect of Record.

D. Access: Install hinged access panels for access to valves or similar operable components concealed in finished areas. Label panel door with identity of item concealed.

E. Sprinklers: Installation and location of sprinklers shall be coordinated with all other items in the construction and shall not obstruct lights, air outlets, access doors and other items requiring access. Sprinklers at finished ceilings shall form a symmetrical pattern carefully integrated into the ceiling layout as shown on Walgreen approved drawings. Provide proper protection of automatic sprinklers. Sprinklers that have had paint applied to them, by other than the sprinkler manufacturer, or otherwise damaged shall be replaced with new listed sprinklers of the same orifice size, thermal response and water distribution. Furnish and install, in close proximity to system riser, an emergency cabinet containing a minimum of two sprinklers of all types and ratings used in the system and one head wrench for each head type. One spare Tyco Model DS-C dry pendent sprinkler and DS-B sprinkler boot within manufacturer's shipping containers shall be attached to the sprinkler riser by nylon zip ties.

3.02 TESTING, INSPECTION AND ACCEPTANCE

A. Flushing: All water supply piping, shall be completely flushed before connection is made to downstream fire protection system piping. The flushing operation shall be continued for a sufficient time to ensure thorough cleaning. Minimum rate of flow shall be not less than the hydraulically calculated water demand rate of the system, including any hose requirements, the flow necessary to provide a velocity of 10 feet per second or the maximum flow rate available to the system under fire conditions.

B. System test: Purge system of air prior to filling with supply water. After completion of the installation, the entire system shall be tested and inspected to meet the approval of the authorities having jurisdiction. A contractor's material and test certificate should be completed in accordance with NFPA 13.

C. System documentation: Complete hydraulic design placard information and affix to system riser. Complete all component identification signage. Collect system documentation, including but not limited to, approved shop drawings, hydraulic calculations, material and test certificates, acceptance letters and insert all documents in holder.

END OF SECTION

SECTION 15400 – PLUMBING

PART I – GENERAL

1.01 DESCRIPTION

A. Division 1, General Requirements, and Section 15050, Basic Mechanical Materials and Methods, shall be considered a part of these specifications.

B. Codes, Ordinances, and Permits: All permits, connection fees, tap fees, licenses, approvals, and other arrangements including plumbing and riser diagrams, if required, shall be obtained by the plumbing contractor at his expense. Should any changes be necessary in the drawings, or specifications, to secure such approval, this contractor shall include in his bid all costs for such changes to comply with these departments, without extra costs to Walgreen Co. It will be this contractor's responsibility to provide all systems complete and operable.

C. Scope of Work: Contractor shall furnish all materials, tools, equipment, labor, and services and pay all costs of whatever nature, as may be necessarily expended, for a proper workmanlike and fully operable installation, and completion of all plumbing and related work. The plumbing contractor shall provide the following:

1. Complete system of sanitary, soil, waste, and vent piping connecting each and every plumbing fixture or other piece of equipment requiring same, with sanitary sewer including pipe, fittings, and other necessary appurtenances.

2. Complete system shall be connected to existing building's system of adequate source of supply or disposal. It will be the contractor's responsibility to provide all systems complete and operable.

3. Complete system of cold water supply and distributing piping of hot and cold water connecting to every plumbing fixture, or other pieces of equipment requiring same, including shut-off valves (for each piece of equipment), hangers, supports, and other necessary appurtenances.

4. All floor and wall sleeves.

5. All plumbing fixtures, except as hereinafter noted.

6. All pipe covering.

7. Water heaters

8. Connections to the supply lines of the fixtures and outlets for equipment furnished by Walgreen Co.

1.02 SUBMITTALS

A. This contractor shall submit product data for all plumbing fixtures, trim and accessories.

1.03 QUALITY ASSURANCE

A. At Walgreens discretion, any store where the sewer/drainage system operation, installation or material are considered "suspect" shall be inspected, at the Landlord's/Contractor's expense, using a sewer line video camera. All necessary repairs will be made at the Landlord's/Contractor's expense.

PART II – PRODUCTS

2.01 PIPING & VALVES

A. All sanitary sewers below floor shall be standard weight cast iron soil pipe.

B. All waste lines within building shall be standard weight cast iron pipe conforming to CSI 302 or ANSI/ASTM 74.

C. All rough-in for plumbing fixtures, including all waste lines and all branch soil pipe below floor from plumbing fixtures, shall be standard weight cast iron pipe.

D. All waste and vent piping above floor, 2 inches and smaller, to be type "M" copper with wrought copper fittings. All fittings and couplings shall be soldered.

E. Where such use is acceptable to the authority having jurisdiction, all storm and sanitary lines and fittings, below floor, above floor, and outside building may be schedule 40 PVC DWV with solvent welded joints per ANSI/ASTM D2665 and D3311. All piping, valves, fittings and solvent shall be furnished by the same manufacturer.

F. All hot and cold water lines above floor shall be type "L" copper with wrought copper fittings. All fittings and couplings shall be soldered.

G. Isolation valves shall be Jomar Model T/S100 ball type (or equal).

2.02 PLUMBING FIXTURES

A. Contractor shall furnish and install all plumbing fixtures.

2.03 WATER HEATING

A. Storage Type:

1. Water Heater: Provide water heater(s) as shown on plumbing drawings.

2. Hot water outlets shall be provided with hot water at a temperature of 105 degrees F. unless otherwise noted.

PART III – EXECUTION

3.01 INSTALLATION

A. Piping in General: All pipes shall be run with proper grades to provide for easy draining. They must be thoroughly reamed and cleaned before installation. This contractor shall consult and cooperate with other piping contractors as to obtain the proper grouping of pipes and to avoid interference. Pipes run overhead shall be placed as close to the roof deck as possible to maintain proper headroom and to present a neat appearance, all consistent with the correct pitching of pipes. The plumbing contractor shall consult with the construction superintendent before installation of any pipe lines which will reduce the proper headroom in any way. Piping shall be run as shown on the drawings, but the construction superintendent reserves the right to make slight changes (without extra charge) to avoid conflict with other work.

B. Vent Pipes: All vent pipes that pass through roof openings shall be kept at a reasonable distance from the walls to permit proper application of built-up roofing and base and counter-flashings. All vent pipes shall be flashed with 3 pound sheet lead turned down into pipe.

C. Cleanouts: Full-sized brass screw plugs, cleanout plugs shall be furnished and installed at the foot of all soil and waste stacks, internal downsouts and at all points where necessary to permit the entire drainage system to be rodded out easily. Provide cleanouts at every turn in the waste line.

D. Connections to Equipment Furnished by Walgreen Co.: This contractor shall rough-in and connect all fixtures and equipment to be furnished by Walgreen Co. This shall include all hot and cold water, waste, and vent piping required to completely connect to equipment.

3.02 TESTING

A. Domestic Hot and Cold Water Systems: 100 PSI (minimum) air for one hour without leakage.

B. Sewer Systems: 10 feet (minimum) hydrostatic for one hour without leakage.

END OF SECTION

SECTION 15500 – HEATING, VENTILATING, AND AIR CONDITIONING

PART I – GENERAL

1.01 DESCRIPTION

A. Section 15050, Basic Mechanical Materials and Methods, shall be considered a part of these specifications.

B. Codes, Ordinances, and Permits: The air conditioning and heating contractor shall promptly obtain all permits, arrange for all necessary inspection, and furnish a certificate of inspection and approval from the public authorities having jurisdiction, at this contractor's expense, before any work has been started. Should any changes be necessary in the drawings or specifications to secure such approval, this contractor shall include in the base bid all costs for such changes, to comply with these departments before any work has been started, without additional costs to Walgreen Co.

C. Work under this section of the specifications includes the furnishing of all labor and material to provide a complete and operating, heating, ventilating, and air conditioning system.

D. All components of equipment in this section and all devices installed on those units shall be accessible for service.

1.02 WARRANTIES

A. All warranties shall be the length indicated and commence from the date of acceptance by Walgreen Co.

B. One (1) year on all work and equipment performed under this contract from date of final acceptance.

PART II – PRODUCTS

2.01 REFRIGERANT SYSTEM CHARGING

A. Test existing refrigerant system to assure existing roof top unit is operating per manufactures specifications. If needed reduce roof top unit and follow manufacturer's recommended charging procedure for both refrigerant and refrigerant oil.

B. Replace any refrigerant or oil lost from the system during the guarantee (one year) period at no expense to Walgreen Co.

PART III – EXECUTION

3.01 INSTALLATION

A. Rebalance existing units as required to achieve new airflow as indicated on drawings and ventilation schedule.

B. Replace filter in existing rooftop unit being rebalanced.

END OF SECTION

SECTION 15880 – AIR DISTRIBUTION

PART I – GENERAL

1.01 DESCRIPTION

A. Section 15050, Basic Mechanical Materials and Methods, shall be considered a part of these specifications.

B. All licenses, stamping, approvals, and arrangements for work shall be obtained by the sheet metal contractor, at his expense, before any work has been started. Should any changes be necessary in th drawings or specifications to insure such approval, this contractor shall include in his base bid all cost for such changes, to comply with these departments before any work has been started, without additional cost to Walgreen Co.

C. Scope of Work: The ventilation work includes, but is not limited to, the following:

1. Air conditioning return air ducts, insulation, grilles, supply air ducts, diffusers, manual dampers.

PART II – PRODUCTS

2.01 DUCTWORK

A. Acceptable manufacturers of round and oval: Lindab, Semco, SSM Industries and United McGill.

B. All round duct and fittings shall be manufactured by a single company manufacturing these products for at least 10 years.

C. Provide round spiral ductwork, with locking seams.

D. Rectangular ductwork, sized for an equivalent pressure drop, may only be used in lieu of round or oval on limited basis and/or to clear structural interference.

E. Ducts and fittings shall be constructed of galvanized steel in accordance with the second edition – 1995 with Addendum No. 1 dated November 1, 1997 of the "SMACNA HVAC Duct Construction Standards" for a positive static pressure class of 2.0 in. water column.

F. Fiber ductwork or lined ductwork is not acceptable.

G. Ductwork shall have sealed transverse joints and meet seal class "C". Rubber seals may be used in lieu of duct sealant.

H. Ductwork shall comply with leak class 12, not to exceed 12 cfm per 100 sf of duct surface.

I. For rectangular duct sizes, the first number indicates the side seen. The second number indicates the side not seen.

J. Duct sizes, indicated on the drawings, are net inside clear dimensions.

K. Air friction pressure drop shall not exceed 0.1 in WC per 100 linear feet for supply ducts and 0.06 in WC per 100 linear feet for return air ducts.

L. Air velocity in ductwork shall not exceed 1500 feet per minute.

M. Flexible round ductwork shall be pre-insulated Class 1 type with 1.5" thick insulation. Maximum length no to exceed 7'-0". Acceptable manufacturer is Wiremold type WK or Equal by ATCO, Flexmaster, Technoflex, Thermoflex Lindab, Semco and United McGill.

N. The drawings do not attempt to show all offsets that are necessary for the required installation. Those offsets and similar items shall be provided at no additional cost to Walgreens.

O. Where offsets are required, the angle of the offsets shall be as small as possible.

Walgreen

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This sheet of drawings has not been reviewed for code compliance.

2009388739

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REVISIONS

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STATE OF COLORADO

Howard M. Kent

REGISTERED ARCHITECT

PROJECT NAME

15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE

PLUMBING, MECHANICAL, AND
ELECTRICAL SPECIFICATIONS

DATE: 12-19-08

RELEASED TO CONSTRUCTION: -

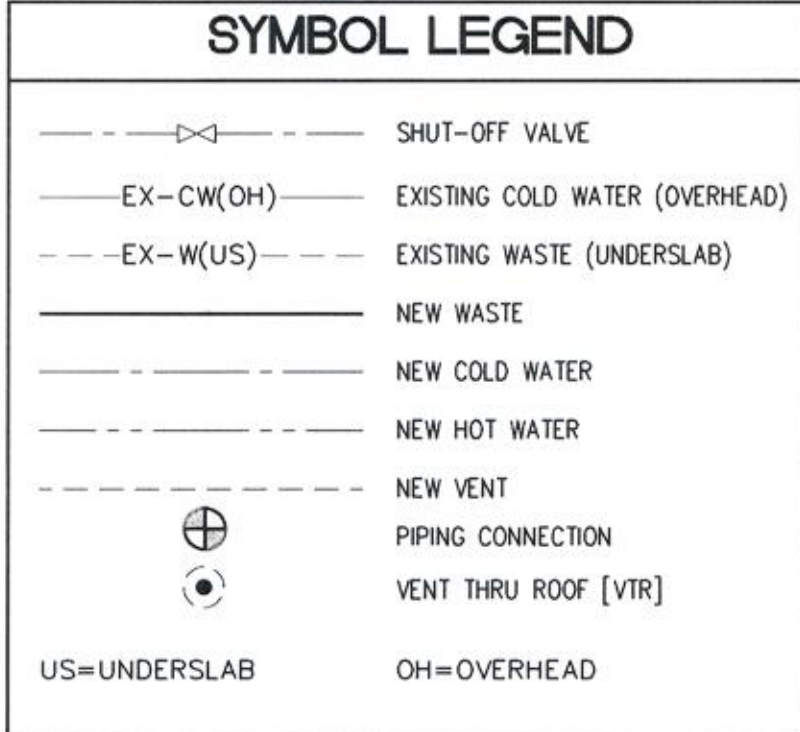
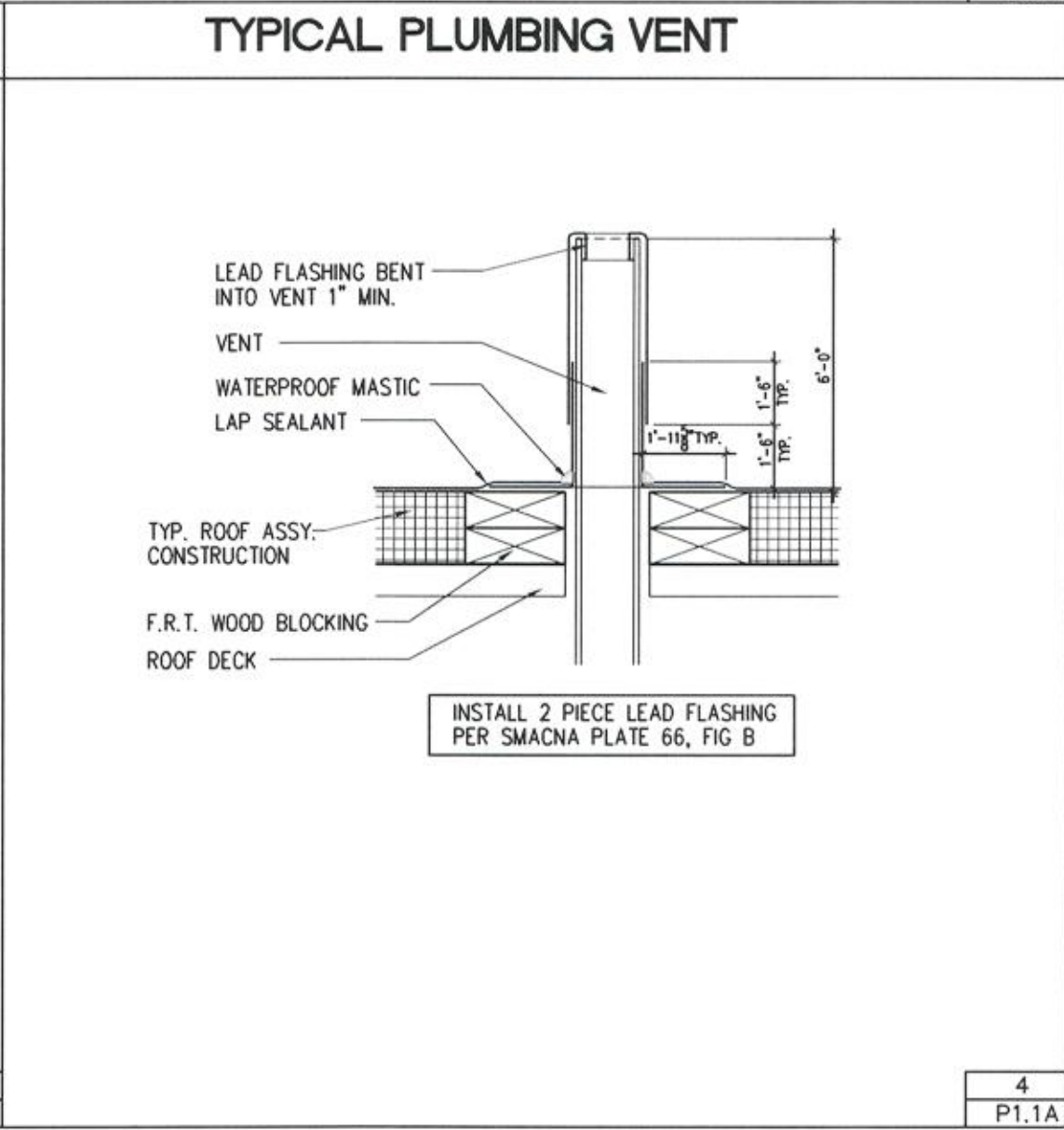
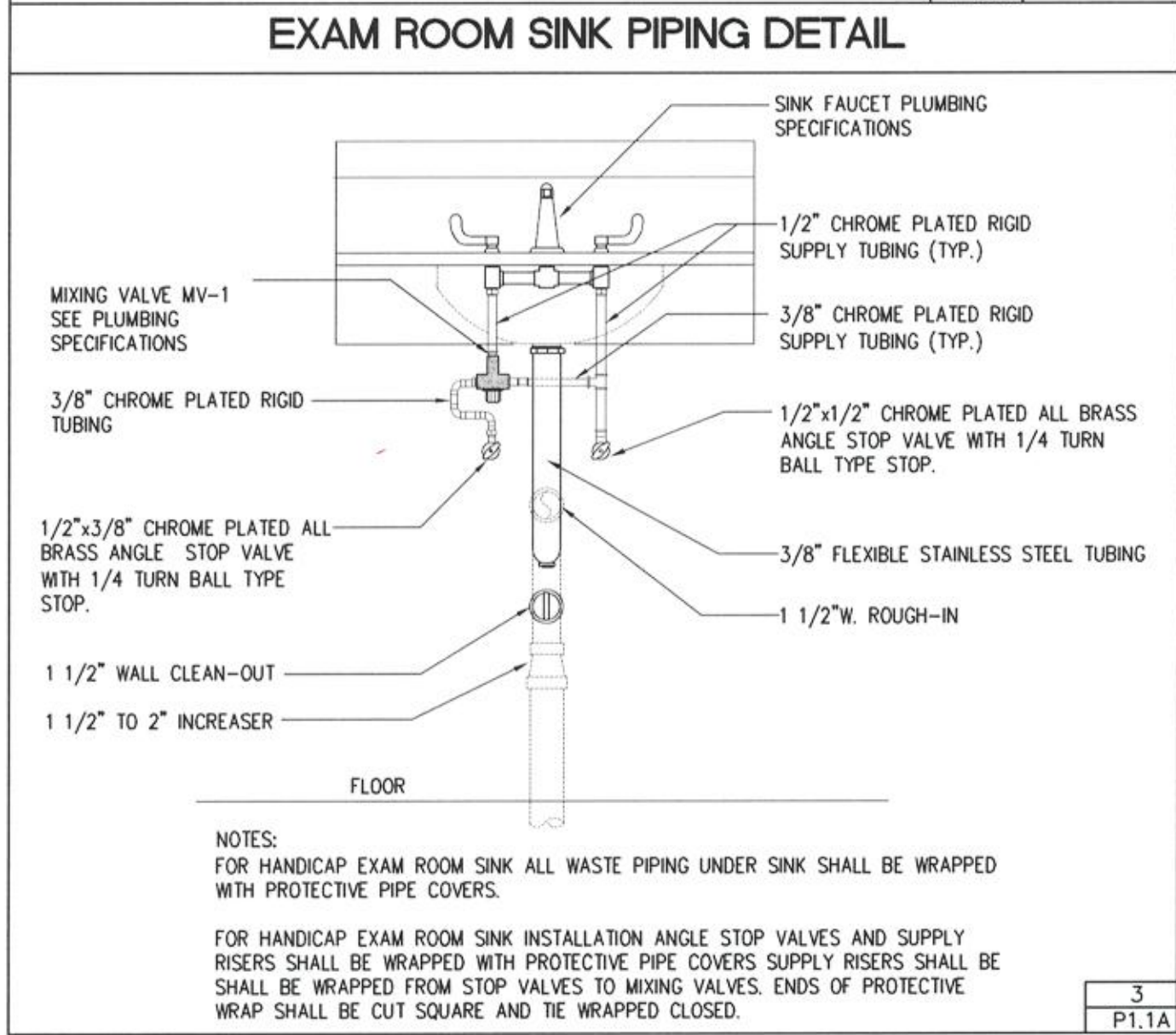
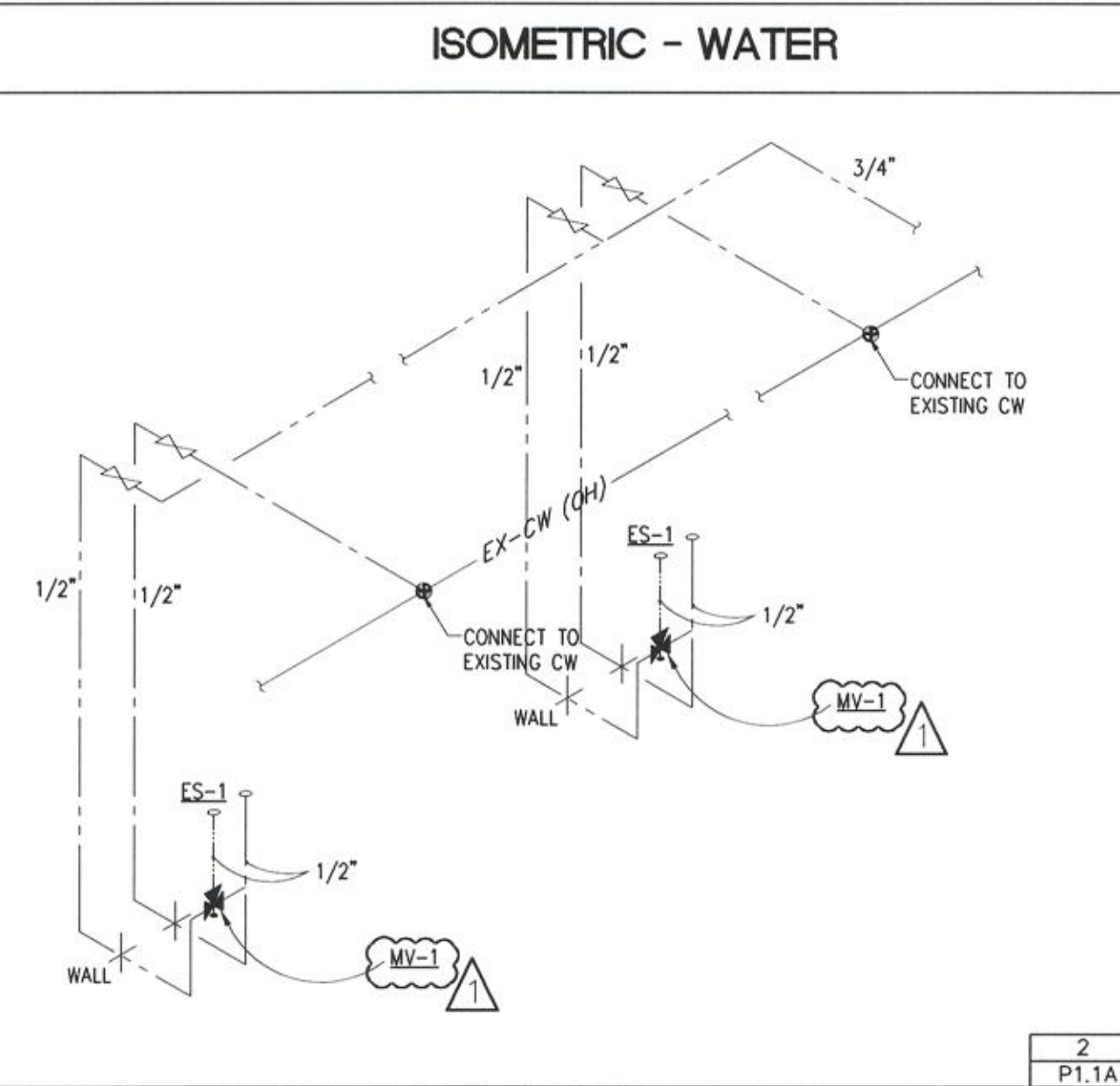
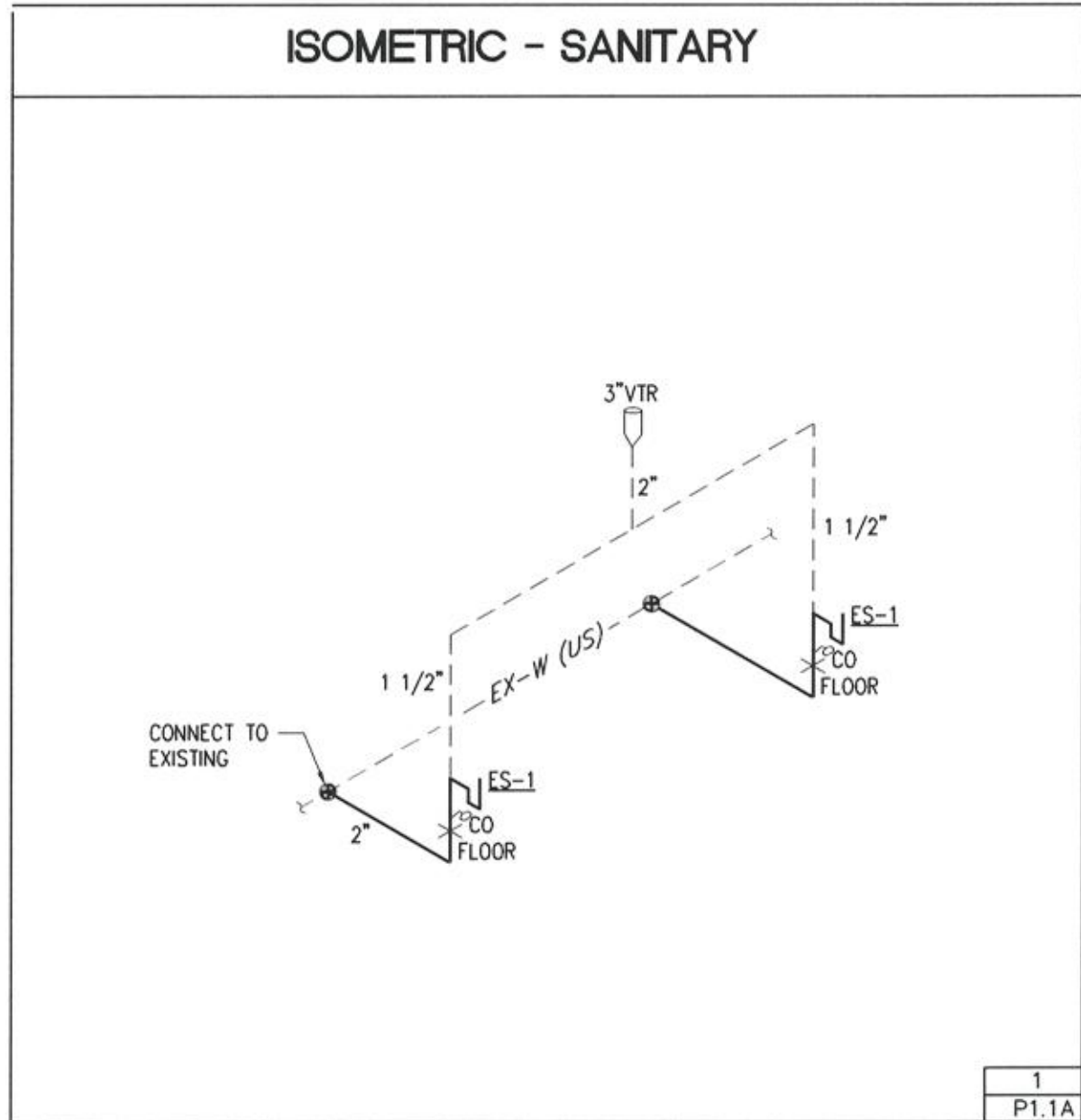
COMM. NO. 508081

STORE NO.: 000-06513

BASED ON WALGREENS PROTOTYPE DATED: 08/07

DRAWING NO. ME0.1

ME0.3



- KEY NOTES
- EXISTING UNDERFLOOR SANITARY PIPING TO REMAIN. FIELD VERIFY EXACT LOCATION.
 - ES-1, EXAM SINK. PROVIDE 1/2" CW, 1/2" HW, 2" DRAIN AND 2" VENT IN WALL.
 - EXISTING SUSPENDED CW & HW PIPING TO REMAIN.
 - NEW UNDERFLOOR SANITARY CONNECTION. CONTRACTOR TO VERIFY EXACT LOCATION OF CONNECTION.
 - NEW CW & HW CONNECTION. CONTRACTOR TO FIELD VERIFY EXISTING PIPING LOCATION, SIZE, AND FLOW.

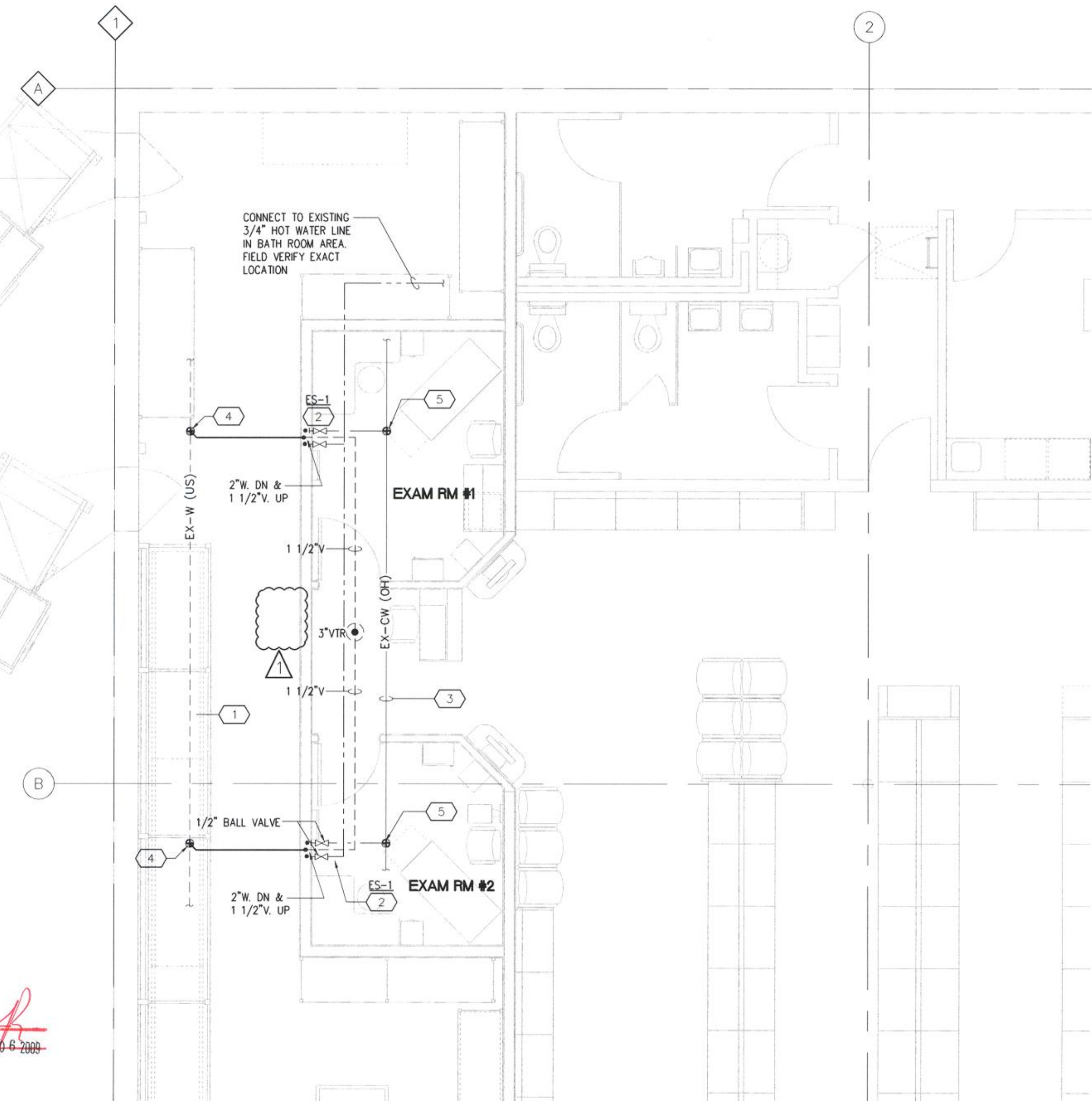
- PLUMBING DRAWING NOTES
- GENERAL:
- REFER TO ALL OTHER DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL WORK AND/OR CLARIFICATIONS.
 - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
 - FOR FD AND FCO MATCH EXISTING MATERIALS.
 - COLOR: ALL PLUMBING FIXTURES SHALL BE WHITE UNLESS OTHERWISE NOTED.
- DOMESTIC WATER PIPING:
- HOT AND COLD DOMESTIC WATER ABOVE FINISHED FLOOR TO BE COPPER TYPE 'L' OR MATCH EXISTING.
 - DOMESTIC WATER PIPING WITHIN BUILDING TO BE ABOVE GROUND.
 - BRANCH LINES TO PLUMBING FIXTURES SHALL HAVE 12" LONG AIR CHAMBERS AND/OR ALTERNATIVE DEVICES THAT ARE CODE APPROVED.
 - EXPOSED WATER SUPPLIES FOR PLUMBING FIXTURES SHALL BE CHROME-PLATED BRASS AND 1/2" TURN BALL TYPE OPERATED STOPS WITH METAL STEMS, BY BRASSCRAFT OR EQUAL.
 - WATER PIPING AND SIMILAR ITEMS THAT RUN THROUGH STUD SPACES SHALL HAVE A MIN. OF 1/2" CLEAR SPACE ALL AROUND PIPING TO AVOID ANY POSSIBLE CONTACT WITH ADJACENT SURFACES.
 - DOMESTIC WATER PIPING ABOVE GRADE SHALL BE INSULATED.
 - PROVIDE ACCESS PANELS, 16"/16" MINIMUM TO SERVICABLE VALVES.
- SANITARY WASTE, VENT AND STORM PIPING:
- CLEANOUTS SHALL BE INSTALLED IN THE BUILDING DRAIN, HORIZONTAL WASTE, STORM OR SOIL LINES WITH CHANGES IN DIRECTION GREATER THAN 45°. PROVIDE CLEANOUTS AT THE END OF EACH BRANCH, AT THE BASE OF EACH STACK AND AS REQUIRED BY CODE. ALL CLEANOUTS TO BE VISIBLE AND ACCESSIBLE.
- DO NOT LOCATE ANY CLEANOUTS IN AN EXAM ROOM.
 - DOUBLE FITTINGS SUCH AS Y, 1/2", COMBINATION Y AND 1/8" BEND, T, SANITARY ETC. FITTINGS SHALL NOT BE USED IN THE SEWER PIPING SYSTEM.
 - PLUMBING VENTS, SHALL BE LOCATED A MINIMUM OF 15'-0" AWAY FROM ALL FRESH AIR INTAKES.
- VALVES FOR PLUMBING:
- DOMESTIC WATER AND GAS SHUT OFF VALVES SHALL BE JOMAR T/S100, BALL TYPE OR EQUAL.
 - BALANCING VALVES SHALL BE JOMAR T/S100SS OR EQUAL.
 - VALVES LOCATED ABOVE SHALL BE 12" MAX. ABOVE THE FINISHED CEILING OR AT BOTTOM CHORD OF BAR JOIST WHEN NO CEILING EXISTS.
- MISCELLANEOUS:
- VERIFY HW RECIRCULATION LINE REQUIREMENTS AND INCLUDE IN DESIGN ACCORDINGLY.
 - IN THE ABSENCE OF A HOT WATER RECIRCULATION SYSTEM OR WHEN FIXTURES REQUIRING HW SERVICE ARE LOCATED 50 FT OR GREATER DISTANCE FROM EXISTING HOT WATER SOURCE, PROVIDE AN INDIVIDUAL STORAGE TYPE WATER HEATER WH-1E, INSTALL AN APPLIANCE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS, LOCAL REQUIREMENTS AND CODE. INSTALL IN AN ACCESSIBLE LOCATION WITH MAINTENANCE AND SERVICE CONSIDERATION. FOR REFERENCE SEE ELECTRIC WATER HEATER AND MIXING VALVE DETAIL IN P1.1 BASE SHEET DETAILS FOR TAKE CARE CLINIC CRITERIA AT [HTTP://FACILITIES.WALGREENS.COM](http://FACILITIES.WALGREENS.COM)
 - FURNISH NSF APPROVED EXPANSION TANK WITH WATER HEATER WHEN BACKFLOW PREVENTERS OR CHECK VALVES ARE INSTALLED IN THE DOMESTIC WATER SERVICE MAIN OR AS REQUIRED PER LOCAL CODES & ORDINANCES.
- FIRE PROTECTION SYSTEM:
- PROVIDE NEW SPRINKLERS IN EXAM ROOMS TO MATCH EXISTING IN LIKE AND KIND IN ACCORDANCE WITH ALL NFPA-13 REQUIREMENTS. NEW SPRINKLERS SHOULD COMPLY WITH SALES AREA DENSITY.

PLUMBING FIXTURE SCHEDULE					
PLUMBING FIXTURE TAG	TYPE	MANUFACTURER AND MODEL	DESCRIPTION	OTHER ACCEPTABLE MANUFACTURERS	NOTES
ES-1	EXAM ROOM SINK	BASIN: ADVANCE TABCO MODEL#7-PS-68 TRIM: ADVANCE	SINGLE BOWL SINK (K-59 OMIT) BASKET DRAIN AND STOPPER AND HEAVY DUTY BACKSPASH MOUNT FAUCET WITH GOOSE NECK SPOUT AND WRIST BLADE HANDLES. FURNISH AND INSTALL WITH P-TRAP, HOT AND COLD WATER VALVE INSULATION, STRAINER AND FASTENERS, WHITE IN COLOR.	APPROVED EQUAL	1,2,3,4,5,6
MV-1	THERMOSTATIC MIXING VALVE	WATTS MODEL MMV-US-M1	ROUGH BRONZE FINISH, LOCKING TEMPERATURE REGULATOR, INTEGRAL TEMPERATURE ADJUSTMENT, AND TO INCLUDE ACCESSORIES: STRAINER ON INLETS AND COMBINATION STOP CHECKS ON INLETS. VALVE TO BE ASSE 1070 APPROVED FOR MULTIPLE FIXTURE SETTINGS. SPECIFY MIXING TEMPERATURE PER LOCAL CODE AND OR HEALTH DEPT.	LEONARD, LAWLER, POWERS, AND BRADLEY	--
WH-1	ELECTRIC WATER HEATER	4.0 SMITH MODEL #DEL-6	6 GALLON, 120V/10, 15 WHITE MODEL LD-OUT	DEL-6 ALTERNATE MANUFACTURER: BRADFORD	APPROVED EQUAL --
FD	FUNNEL/FLOOR DRAIN	JOSAM 30000 SERIES	FUNNEL/FLOOR DRAIN OF NICKEL-BRONZE, 1 1/2" DIA. STRAINER	SMITH, WADE, AND ZURN	--
CCO	GRADE CLEAN OUT	JOSAM	GRADE CLEAN OUT, 1 1/2" DIA. PER MANUFACTURER'S INSTRUCTIONS	SMITH, WADE, AND ZURN	--

NOTES:

- FIXTURE SHALL BE ADA COMPLIANT AND MOUNTED AT HANDICAP HEIGHT. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS.
- CHROME PLATED 17 GAUGE BRASS P-TRAP AND ARM ESCUTCHEON.
- ANGLE STOP VALVE WITH CHROME PLATED RIGID SUPPLIES.
- INSULATE DRAIN AND SUPPLY PIPING WITH INSULA-TECH 100 INSULATION OR APPROVED EQUAL.
- PROVIDE ASSE 1016 POINT OF USE THERMOSTATIC MIXING VALVE BELOW LAVATORY/SINK.
- PROVIDED BY WALGREENS. INSTALLED BY PLUMBING CONTRACTOR.

PLUMBING CONNECTION SCHEDULE					
DESCRIPTION	CONNECTIONS				REMARKS
	WASTE	VENT	CW	HW	
ES-1 EXAM ROOM SINK	2"	1 1/2"	1/2"	1/2"	1-1/4" P-TRAP



CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE: APPROVED APR 08 2009
2006 I.P.C.

1
P1.1A
FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0"

Walgreens
FACILITIES PLANNING AND DESIGN
106 WILMOT ROAD
847-940-2500
DEERFIELD, IL
60015

Cole + Russell Architects



Architecture
Engineering
Interior Design
Landscape Architecture
Construction Administration

1740 Platte Street
Denver, CO 80202

(303) 863-8100
(303) 863-8118 fax



2009388739

01-26-09 PERMIT RESPONSE; WALGREENS REVIEW #1
NO. DATE BY DESCRIPTION CONST.

REVISIONS

CERTIFICATION AND SEAL

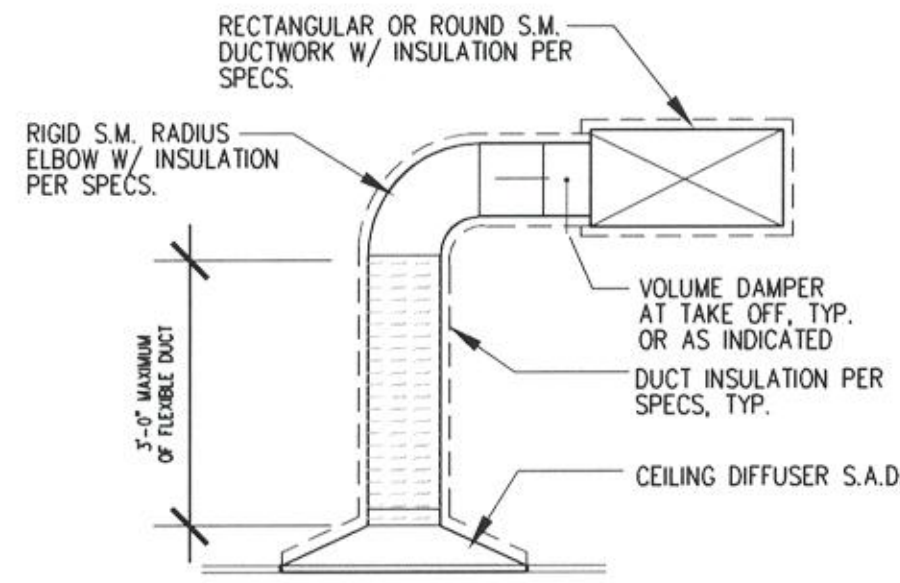
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PROJECT NAME
15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE
FLOOR PLAN - PLUMBING,
SCHEDULES, AND DETAILS

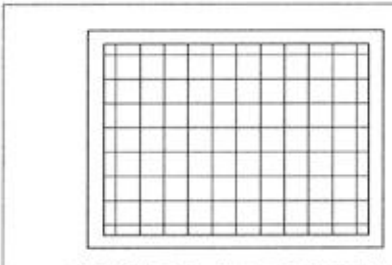
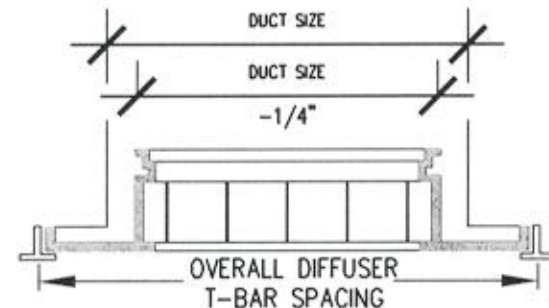
DATE: 12-19-08 STORE NO.: 000-06513 DRAWING NO.: P1.1A
RELEASED TO CONSTRUCTION: BASED ON WALGREENS PROTOTYPE DATED: 08/07
COMM. NO.: 508081



S.M. = SHEET METAL

5 SUPPLY FLEXIBLE DUCTWORK

M1.1A N.T.S.

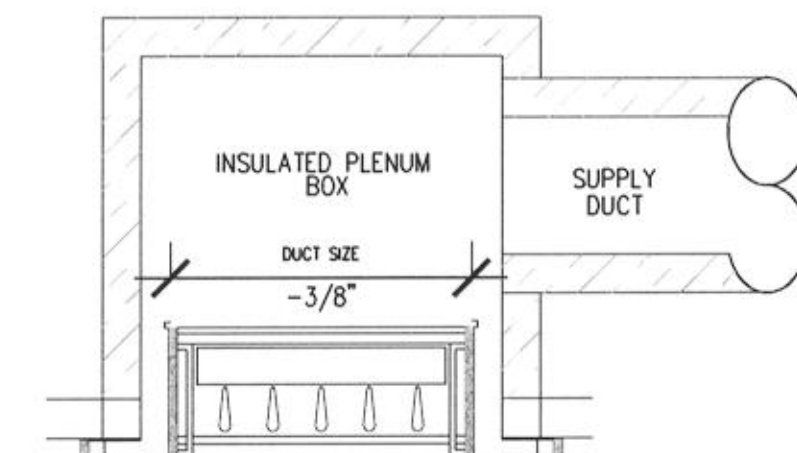


ACCEPTABLE MANUFACTURERS:
CARNES RAE-TB FRAME
METALAIR CC1TB
KRUEGER EGC-10
PRICE B2TB
TITUS 50F
TUTTLE & BAILEY CRE1000

(NO SUBSTITUTION ACCEPTED MANUFACTURERS LISTED ABOVE)

4 EXHAUST + RETURN AIR GRILLE

M1.1A N.T.S.



NOTES:

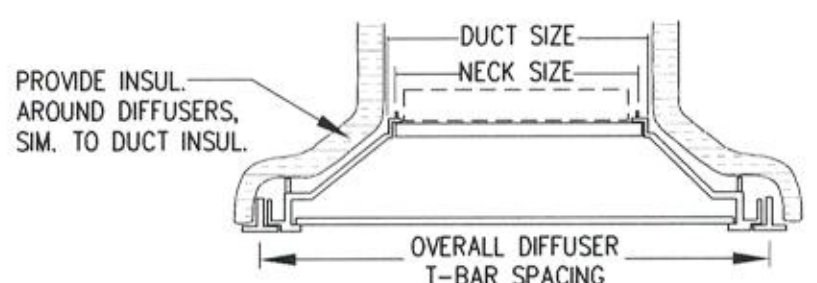
1. ADJUSTABLE, DOUBLE DEFLECTION.
2. ALL ALUMINUM WITH WHITE FACTORY FINISH.
3. FOR OTHER MOUNTING TYPE CONSULT MANUFACTURER.
4. PLENUM BOX TO HAVE FLANGE ALL 4 SIDES.
5. REGISTER SCREWS NUMBER AS REQ'D. PER MFR.
6. PROVIDE PROPER MOUNTING OPTION.

ACCEPTABLE MANUFACTURERS:
CARNES RWD4H
METALAIR H4004D
KRUEGER 5880H
PRICE 620 DL
TITUS 300FL
TUTTLE & BAILEY A547

(NO SUBSTITUTION ACCEPTED FOR MANUFACTURERS LISTED ABOVE)

3 SUPPLY AIR GRILLE and REGISTER

M1.1A N.T.S.



NOTES:

1. ALL ALUMINUM WITH WHITE FACTORY FINISH TO MATCH CEILING GRID.
2. SQUARE, ROUND OR RECTANGULAR NECK. ACCEPTABLE MANUFACTURERS: METALAIR 5500-65-54 (*), CARNES SETA (SETJ) C24 (*), KRUEGER 55H (SHPC)-4-23 (*), PRICE AMD (AMD)-36 (*), TITUS TDC-AA (TDC-AAA)-3-4 (*), OR TUTTLE & BAILEY AM (AMA) L4 (*).
3. FOR OTHER MOUNTING TYPE CONSULT MANUFACTURER.
4. NOT USED.
5. PROVIDE PROPER MOUNTING OPTION.

(*) APD AND OBD ONLY IN OFFICE, EMPLOYEE ROOM AND PHARMACY AREA.
APD-AIR PATTERN DEFLECTOR
OBD-OPPOSED BLADE DAMPER

METALAIR 5500-65-54
DIFFUSER TYPE (ALUMINUM CONSTR.)
FRAME (LAY-IN)
AIR PATTERN (4-WAY)
(SEE PLAN FOR AIR PATTERN ARROWS)

(NO SUBSTITUTION ACCEPTED FOR MANUFACTURERS LISTED ABOVE)

2 SUPPLY AIR DIFFUSER

M1.1A N.T.S.

GENERAL NOTES

GENERAL:

- 1.1 REFER TO ALL OTHER PROJECT AND SPECIFICATIONS FOR ADDITIONAL WORK OR CLARIFICATIONS.
- 1.2 REFER TO DETAIL 5 THIS SHEET FOR BRANCH DUCT RUN-OUTS.
- AIR DISTRIBUTION:
 - 2.1 DUCTWORK TO BE GALVANIZED ROUND SPIRAL SHEET METAL PER SMACNA OR MATCH EXISTING RECTANGULAR.
 - 2.2 DUCTWORK SHALL BE INSULATED TO MATCH EXISTING. LINED DUCTWORK IS NOT PERMITTED.
 - 2.3 PROVIDE A BALANCING DAMPER UPSTREAM OF EACH DIFFUSER TO ALLOW TO ADJUST THE CFM TO ACHIEVE DESIRED ROOM TEMPERATURE. DAMPERS SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH SMACNA STANDARD AND PRACTICES.
 - 2.4 FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 3'-0". USE ONLY ON FINAL SUPPLY AIR DIFFUSER, AND 3'-0" FROM THE RETURN AIR GRILLE TO THE METAL DUCTWORK. FOR BOTH CASES, 90° TURNS ARE NOT ALLOWED - OFFSET ANGLES SHALL BE KEPT TO A MINIMUM. SEE DETAILS 5/M1.1.
 - 2.5 PAINT THE INTERIOR SURFACE OF DUCTS (WHERE VISIBLE) THROUGH GRILLES, DIFFUSERS ETC. USE FLAT "D/M" (DIRECT TO METAL), NON-SPECULAR BLACK PAINT.
 - 2.6 SUPPLY AND/OR RETURN AIR CEILING PLENUMS ARE NOT PERMITTED.
 - 2.7 DIFFUSERS AND GRILLES SHALL MATCH EXISTING STYLE WITH FACTORY FINISH TO MATCH CEILING GRID.
 - 2.8 AIR BALANCE TO MAINTAIN THE INDICATED QUANTITIES WITHIN A TOLERANCE OF PLUS OR MINUS 10%.
 - 2.9 NO SEPARATE THERMOSTATIC CONTROL IN EXAM ROOMS IS REQUIRED.

HVAC CONTROL:

- 3.1 PROVIDE A BALANCING DAMPER UPSTREAM OF EACH DIFFUSER IN ORDER TO ADJUST THE CFM TO ACHIEVE DESIRED ROOM TEMPERATURE. PROVIDE BALANCING DAMPER(S) IN EXISTING DUCTWORK TO FORCE MORE AIR TO THE EXAM ROOMS. DAMPERS SHALL BE FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH SMACNA STANDARD AND PRACTICES.
- 3.2 A SEPARATE THERMOSTATIC CONTROL IN EXAM ROOMS IS NOT REQUIRED.
- 3.3 IN ALABAMA, ARIZONA, FLORIDA, GEORGIA, LOUISIANA, MISSISSIPPI & NEW MEXICO STORES PROVIDE A PROGRAMMABLE 24/7 THERMOSTAT IN ONE OF THE EXAM ROOMS OR RELOCATE EXISTING THERMOSTAT FROM OFFICE. THAT THERMOSTAT SHALL HAVE A SELF-CONTAINED TEMPERATURE SENSOR WITH A REMOTE TEMPERATURE SENSOR LOCATED IN THE SALES AREA. INITIALLY, PROGRAM THE THERMOSTAT TO CONTROL FROM THE REMOTE SENSOR IN SALES. PROVIDE A HONEYWELL T7350 OR EQUAL, OR RELOCATE THE EXISTING THERMOSTAT IF IT IS SIMILAR.
- 3.4 THE INTERIOR ZONE RTU THAT SERVES THE EXAM ROOMS SHOULD HAVE A SET POINT LOWER THAN THE RTU SERVING THE ENTRANCE ZONE. THIS WILL FORCE THE INTERIOR ZONE RTU TO BE IN THE COOLING MODE FOR A LONGER PERIOD OF TIME WITH A POSITIVE EFFECT IN THE EXAM ROOMS.

MISCELLANEOUS:

- 4.1 ELECTRIC WALL HEATERS (EWH) ARE PROVIDED UNDER THE ELECTRICAL CONTRACT. THEY ARE HERE FOR INFORMATION ONLY.
- 4.2 PROVIDE AIR BALANCE REPORT FOR EACH DIFFUSER TO WALGREENS.

KEY NOTES

- 1 EXISTING HVAC ROOF-TOP UNIT TO REMAIN. REBALANCE THE SYSTEM AS REQUIRED.
- 2 S.A.D., CFM AND SIZE AS NOTED. S.A.D. SHALL HAVE A TOTAL STATIC PRESSURE DROP OF 0.20" OR LESS.
- 3 E.A.G. & R.A.G., CFM AND SIZE AS NOTED. GRILLE SHALL HAVE A TOTAL STATIC PRESSURE DROP OF 0.20" OR LESS.
- 4 REBALANCE EXISTING SALES DIFFUSER TO CFM SHOWN ON PLAN.
- 5 VERIFY ALL DUCT CLEARANCES IN FIELD.

LEGEND

- Supply Air
- Return Air
- Manual Damper
- CFM CUBIC FEET PER MINUTE
- SAD SUPPLY AIR DIFFUSER
- RAG RETURN AIR GRILLE
- RTU ROOF TOP UNIT

VENTILATION SCHEDULE

RTU-3 REVISED	TO INCLUDE CLINIC VENTILATION				*PER ASHRAE 62	
DESCRIPTION	AREA (SF)	PEOPLE	CFM EA.	RTU	O.A.-CFM	S.A.-CFM
SALES	--	--	--	3	609	1550
PASSAGE 1	162	0	0.05	3	8	170
EMPLOYEE RM	180	4	15.00	3	60	440
RECEPTION	85	2	20.00	3	40	150
EXAM ROOM #1	85	2	20.00	3	40	200
EXAM ROOM #2	105	2	20.00	3	40	200

* ADJUST OUTSIDE AIR DAMPERS PER NEW CALCULATIONS

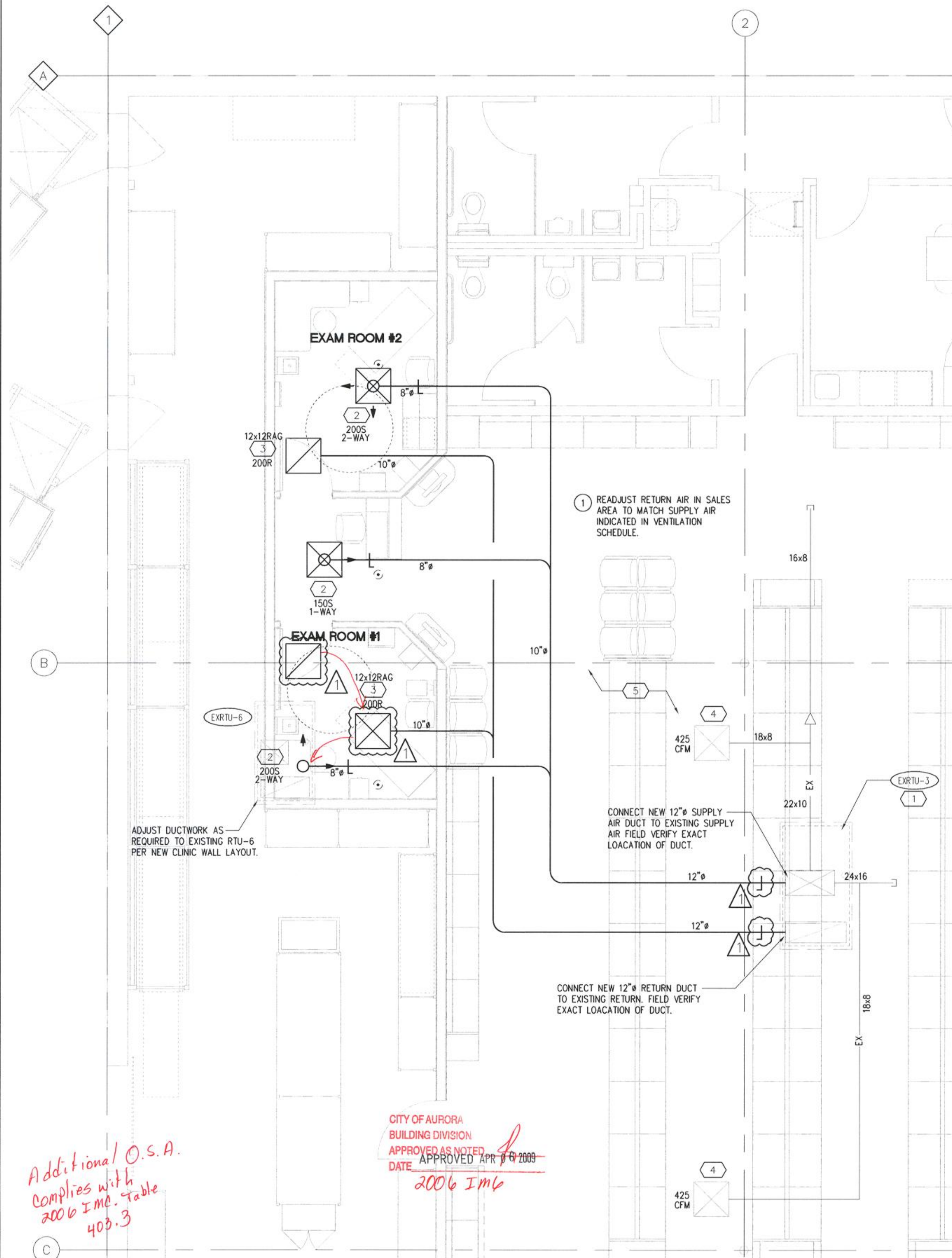
HEATING/COOLING UNIT SCHEDULE - TRANE

RTU-3 REVISED TO INCLUDE CLINIC VENTILATION AND HEAT GAIN/LOSS LOADS

NOTE: AT 95 DEG. CONDENSER ENTRANCE AIR TEMPERATURE & ARI CONDITIONS.

UNIT	AREA SERVED	FUSE SIZE MAX AMP 208 VOLTS 3 PHASE	BLOWER			COMPRESSOR'S					AIR COOLED CONDENSER		GAS FIRED FURNACE		O.A. CFM	MAKE/MODEL/WT./FILTERS
			CFM	MOTOR		ELECT. REQ. FL AMPS	COOLING CAP. MBH		ELECT. REQ.		MBH					
				HP AMPS	VOLTS PHASE		TOT.	SENS.	FL AMPS	VOLTS PHASE	INPUT	OUTPUT				
RTU-3	GEN. SALES/OFF. EMP. RM./PSG.#1	50A	2710 75	5.9A	208 3PH	(1) 21.0 208 3PH	72.3	-	2.0A	208 1PH	205	166	797	TRANE YCD074C/1074LBS		

NOTE: * REVISED DATA APPLIED TO EXISTING RTU



Additional O.S.A.
Complies with
2006 Imc. Table
403.3

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED APR 8 2009
2006 Imc

FLOOR PLAN - MECHANICAL

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

Walgreen

FACILITIES PLANNING AND DESIGN
106 WILMOT ROAD
847-940-2500

DEERFIELD, IL
60015

Cole + Russell Architects



Architecture
Engineering
Interior Design
Landscape Architecture
Construction Administration

1740 Platte Street
Denver, CO 80202

(303) 863-8100
(303) 863-8118 fax



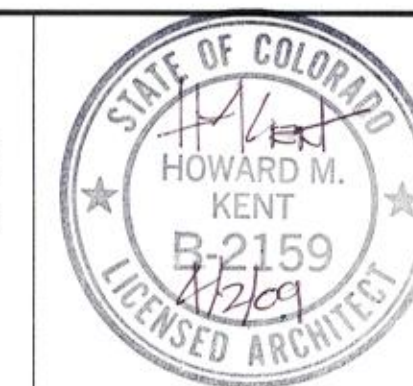
2009388739

NO.	DATE	BY	DESCRIPTION	CONST.
1	01-26-09		PERMIT RESPONSE; WALGREENS REVIEW #1	

REVISIONS

CERTIFICATION AND SEAL

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PROJECT NAME
15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE
FLOOR PLAN - MECHANICAL,
SCHEDULES, AND DETAILS

DATE:
12-19-08
RELEASED TO
CONSTRUCTION:

STORE NO.:
000-06513
BASED ON
WALGREENS
PROTOTYPE DATED:

COMM. NO.:
508081

08/07

DRAWING NO.

M1.1A

- NEW CIRCUIT WITH EXISTING BREAKER

Locate receptacles a minimum of 15" AFF and locate light switches, pull boxes and thermostats etc. a maximum of 44" AFF per 2003 ANSI A117.1 308.

ALL COMPONENTS FURNISHED AND INSTALLED BY THE LANDLORD'S CONTRACTOR (UNLESS NOTED OTHERWISE).

PANEL LP-3 HAS AN —
EXISTING 200A/3P CIRCUIT
BREAKER IN EXISTING MD

VOLTAGE CALCULATED	208
LIGHTING X 125%	0.75
1ST 10KVA RECEPTACLES X 100%	6.5
MISC. X 100%	1.5
TOTAL NEW DEMAND LOAD	8.75
TOTAL EXISTING DEMAND LOAD	239.1
TOTAL STORE DEMAND LOAD	247.9 KVA

Provide emergency illumination equipment that complies with 2008 NEC 700-12 (F) or 2008 NEC 700.

The rating of all series rated panels shall be marked on the panels. Provide manufacturers information and cut sheets onsite and available during field inspections per 2008 NEC 240.86 (B).

Wiring in air handling spaces must comply with 2008 NEC 300-22. Firestop penetrations per 2008 NEC 300-21. Secure and support equipment per 2008 NEC 300-11.



- 1 RECESSED MOUNTED "6" LUMINAIRES
- 2 **NOT USED:** MOUNTED "1" LUMINAIRE
- 3 200W GENERAL PURPOSE DUPLEX RECEPTACLE MOUNT AT 1'-6" AFF.
- 4 500W DUPLEX RECEPTACLE MOUNTED 1'-6" AFF FOR REFRIGERATOR, PROVIDE LOCK-ON CIRCUIT BREAKER.
- 5 800W QUADPLEX RECEPTACLE. MOUNTED 1'-6" AFF. FOR CPU AND CRT.
- 6 400W DUPLEX RECEPTACLE. MOUNTED 1'-6" AFF. FOR ADIRAN AND LINKSYS EQUIPMENT. PROVIDE LOCK-ON CIRCUIT BREAKER.
- 7 800W QUADPLEX RECEPTACLE. MOUNTED 1'-6" AFF. FOR CPU AND CRT. (LOCATE NEAR CORNER CLOSE TO KIOSK AREA).
- 8 400W DUPLEX RECEPTACLE. WALL MOUNTED 5'-8" FOR LCD SCREEN.
- 9 **NOT USED:** ~~USE WITH BROUEN CIRCUIT ABOVE~~ CEILING FOR FUTURE USE.
- 10 200W GENERAL PURPOSE DUPLEX RECEPTACLE MOUNTED 2' AFF UNLESS NOTED OTHERWISE.
- 11 800W QUADPLEX RECEPTACLE. MOUNTED 52" AFF. FOR TASK LIGHTS. LOCATE 8" OFF CORNER.
- 12 **NOT USED:** FIXTURE TO EXISTING METALLUX FIXTURE
- 13 **NOT USED:** CONTRACTOR TO CONNECT EQUIPMENT TO EXISTING CIRCUIT NUMBER INDICATED.
- 14 **NOT USED:** 120V/18 CIRCUITS FOR OFFICE SYSTEM EQUIPMENT RECEPTACLES, CIRCUIT FROM PANEL 1P-CR
- 15 **NOT USED:** MOUNT 1/4" SOLID CONNECTION TO 5'-0" MULTI-OUTLET RACEWAY 455Y (PUDOMOL OR PLUGRAK) WITH 1'-5" UNLESS NOTED OTHERWISE.
- 16 **NOT USED:** 120V/18 COVER CCTV SYSTEM CIRCUIT FROM PANEL 1P-CR
- 17 **NOT USED:** 120V/18 CIRCUIT FROM PANEL 1P-CR FOR TECH EQUIPMENT CANNOT RECEPTACLES.

1. ALL WORK SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES.
2. SEE LUMINAIRE SCHEDULE AND DETAILS.
3. LUMINAIRES INSTALLED IN CONTINUOUS ROWS SHALL BE GROUNDED WITH A CONDUCTOR ROUTED FROM LUMINAIRE, MOUNTED TO EACH WITH HANGING LUG OR SCREW. ARMS/ING CLIPS ARE NOT ACCEPTABLE. LUMINAIRE GROUNDING SHALL BE INSTALLED IN COMPLIANCE WITH NATIONAL ELECTRIC CODE ARTICLE 410-21
4. DO NOT CONNECT EMERGENCY LIGHTS OR EXIT SIGNS WITH ANY OTHER LUMINAIRE. PROVIDE ENTIRELY SEPARATE RACEWAY SYSTEM ONLY WHEN REQUIRED. CONNECT TO NORMAL ELECTRICAL SYSTEM WHERE ACCEPTABLE TO THE LOCAL CODE AUTHORITY.
5. CEILING LIGHTS ARE TO BE WIRED TO THE BAR JOIST MEMBERS AT THE DIAGONAL CORNERS.
6. CONDUIT SHALL BE ELECTRICAL METALLIC TUBING (EMT), RIGID STEEL (1/2" MIN) OR MC CABLE WHERE ALLOWED BY CODE. WHERE MC CABLE IS USED, PROPER SECUREMENT AND SUPPORT (AT INTERVALS NOT EXCEEDING 6 FEET) SHALL BE FOLLOWED PER NEC ART. 330.
7. PROVIDE EMERGENCY LIGHTING TO MEET THE REQUIRED FOOT CANDLE LEVEL PER LOCAL CODE.
8. REFERENCE TO HEIGHT OF OUTLET OR RECEPTACLE SHALL BE MEASURED FROM FINISHED SLABS AREA FLOOR TO CENTER OF OUTLET OR RECEPTACLE.
9. ALL RECEPTACLES SHALL BE GROUNDING TYPE.
10. CONDUIT SIZE TO BE 3/4" MINIMUM.
11. ALL RECEPTACLES AND SWITCHES SHALL HAVE TWO REVOLUTIONS OF ELECTRICAL TAPE (SCOTCH 334) OVER ALL THE TERMINALS. TO PREVENT ACCIDENTAL CONTACT WITH THE JUNCTION BOX OR OUTLET BOX.
12. UTILIZE HOSPITAL GRADE RECEPTACLES IN EXAM ROOM.
13. WINAIXIAL CABLE, FURNISHED BY WALGREENS AND INSTALLED BY LANDLORD'S CONTRACTOR, BELDEN 9207 (PROVIDE 10 FEET OF SLACK AT EACH END), ROUTE FROM AS/400 TERMINAL (DRAWING D-1 #248) TO TECH EQUIPMENT CABINET. (1 1/2" CONDUIT). STUB-UP CONDUIT TO ABOVE CEILING AT AS/400 TERMINAL AND AT TECH EQUIPMENT CABINET.
14. ONE (1) 1" (SPARE) COMMUNICATIONS CONDUIT WITH #12 PUL STRUNG TO TECH EQUIPMENT CABINET.
15. COORDINATE LIGHTING WITH SPRINKLER DRAWING.
16. ALL ELECTRIC WORK IN PATIENT CARE ROOMS SHALL CONFORM TO N.E.C. ARTICLE 517.13, 517.25, 517.45 AND ARTICLE 700.12.

	OUTLET (WATTAGE & LOCATION AS NOTED)
	STANDARD DUPLEX RECEPTACLE
	STANDARD QUADPLEX RECEPTACLE
	HOMERUN
	RECESSED FIXTURE (SEE SCHEDULE)
	FLUORESCENT LIGHTING - (SEE SCHEDULE)
	EMERGENCY LIGHT: "E" - "L" (CEILING GRID MOUNTED)
	SWITCH - SINGLE POLE TYPE

(303) 863-8100
(303) 863-8118 fax

1. SEE ARCHITECTURAL DRAWING A1.1A FOR REFLECTED CEILING PLAN.
2. UTILIZE EXISTING CIRCUITS FROM LP-1 FOR LIGHTING LOADS. (NO LP-SP PANEL TO BE USED.)
3. ADJUST THE EXISTING EMERGENCY LIGHTING TO INCLUDE ALL NEW EMERGENCY LIGHTS AND EXIT SIGNS AS REQUIRED BY THE LOCAL CODE AUTHORITY.
4. REFER TO CURRENT WALGREENS CRITERIA, FOR NATIONAL ACCOUNT LIST AND CONTACT INFO.
5. ENGINEER-OF-RECORD SHALL REMOVE THIS DESIGN CRITERIA INFORMATION FROM ALL SHEETS.
6. UTILIZE EXISTING CIRCUITS (FROM LP-CR, LP-2, LP-3 AND/OR LP-4 FOR RECEPTACLE LOADS) FOR NEW IN-STORE CLINIC LOADS IF NO SPARE CIRCUITS ARE AVAILABLE IN THE EXISTING PANELBOARDS, THEN A NEW SUB-PANEL WILL NEED TO BE INSTALLED.
7. SPECIFY HOSPITAL GRADE RECEPTACLES FOR EXAM ROOMS WHEN IS REQUIRED BY THE LOCAL CODE AUTHORITY.
8. PROVIDE JUNCTION BOX FOR FIRE ALARM STROBE, MOUNTED 80 INCHES A.F.F. OR PER ALL APPLICABLE CODE . CONDUIT TO BE ROUTED TO AREA ABOVE CEILING. VERIFY EXACT LOCATION OF JUNCTION BOX WITH ADT SECURITY SERVICES, INC. AT (800) 640-9390 OR F.E. MORAN INC. FIRE PROTECTION AT (586) 228-5788
9. REFER TO CURRENT WALGREENS CRITERIA SPECIFICATIONS FOR NATIONAL ACCOUNTS LIST AND CONTACT INFO.
10. WIRING DEVICES SHALL INCLUDE ALL GENERAL PURPOSE RECEPTACLES AND WALL SWITCHES WITH HIGH IMPACT NYLON COVER PLATES, IVORY IN COLOR. LIGHT SWITCHES AND GENERAL PURPOSE RECEPTACLES SHALL BE IVORY IN COLOR. RECEPTACLES (WITH HIGH IMPACT NYLON COVER PLATES) ORCUTED FROM PANEL "LP-CR" SHALL BE BROWN IN COLOR.
MANUFACTURER: HUBBELL (LIGHT SWITCHES: A.C. RATED, 1200 V 1200 SERIES), ACCEPTABLE ALTERNATES INCLUDE PASS & SEYMOUR, GENERAL ELECTRIC COMPANY OR LEVITON.

09 388739

 CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED APR 21 2009
2008 NEC

2	04-09-09	PLAN REVIEW RESPONSE; CITY OF AURORA
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1	01-26-09	PERMIT RESPONSE: WALGREENS REVIEW #1
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NO.	DATE	BY	DESCRIPTION	CONS
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PROJECT NAME
15301 EAST ILIFF AVE
CITY OF AURORA, ARAPAHOE COUNTY
STATE OF COLORADO

DRAWING TITLE
FLOOR PLAN LIGHTING
AND POWER

DATE:	STORE NO.:	DRAWING NO.
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12-19-08	000-06513	
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RELEASED TO	BASED ON

RELEASED TO: CONSTRUCTION: BASED ON: WALGREENS PROTOTYPE DATED: F11A

PROTOTYPE DATED: 08/07

COMM. NO.: 508081	08/07
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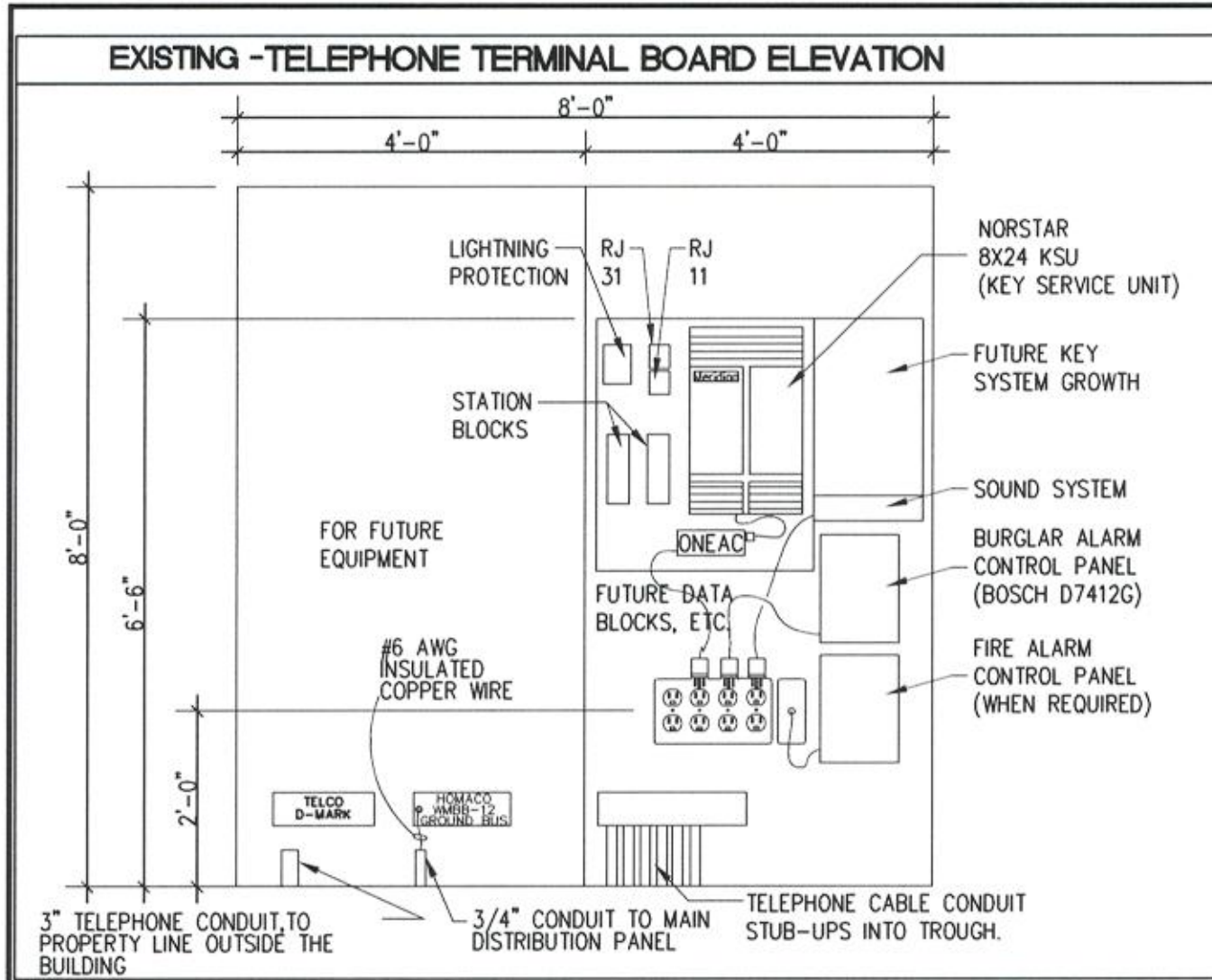
SCALE: 1/4"=1'-0"

2

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

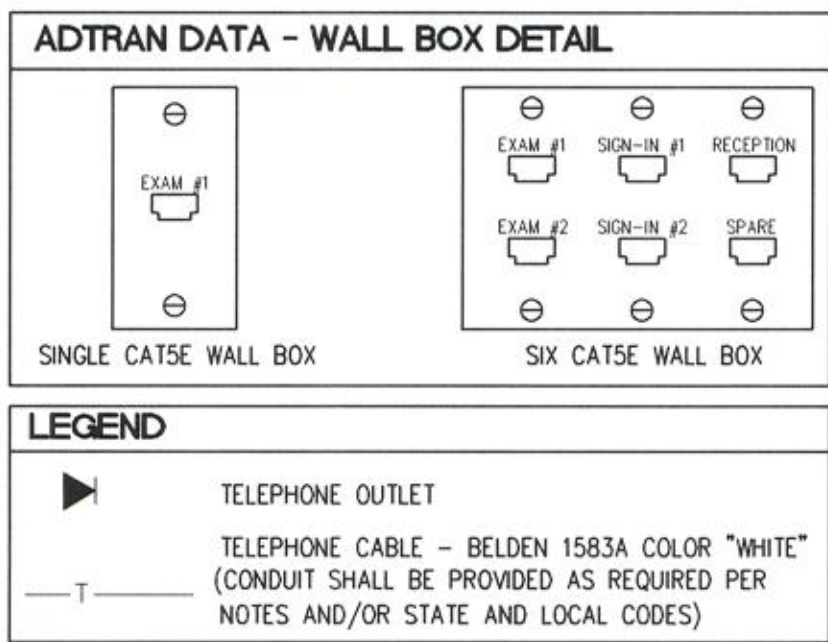
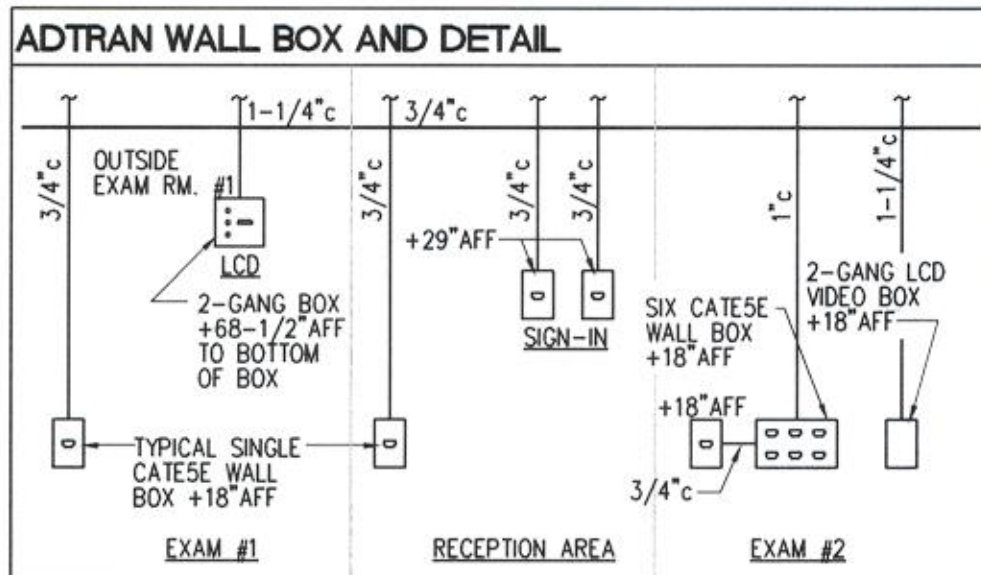
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SCALE: $1/4"=1'-0"$



- TELEPHONE SYSTEM GENERAL NOTES
1. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC.
 2. TELEPHONE WIRING TO BE FURNISHED AND INSTALLED BY WALGREEN'S CONTRACTOR. CONDUIT AND #12 PULL STRING IS FURNISHED AND INSTALLED BY LANDLORD'S CONTRACTOR.
 3. TELEPHONE CABLES SHALL NOT BE PLACED OR ROUTED OVER FLUORESCENT FIXTURES OR BALLASTS.
 4. NO EXPOSED TELEPHONE CABLES ARE PERMITTED IN THE SALES AREA.
 5. THIS SYSTEM IS TO BE A SEPARATE PHONE SYSTEM/LINES INDEPENDENT OF THE WALGREENS TELEPHONE SYSTEM.
 6. PROVIDE 3/4"x2"x2" PLYWOOD BACKER FOR ADTRAN SYSTEM ADJACENT TO WALGREEN PHONE BOARD.

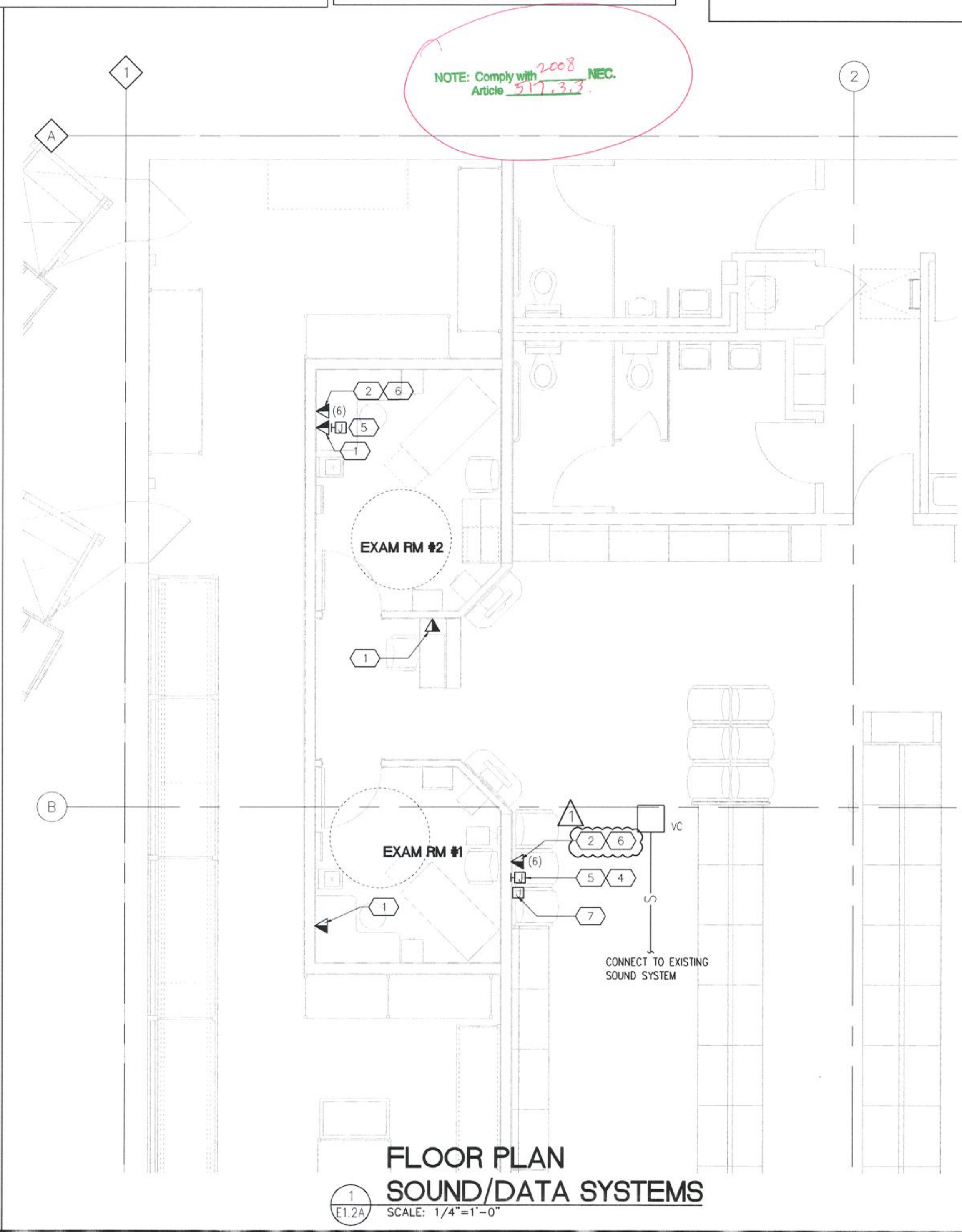
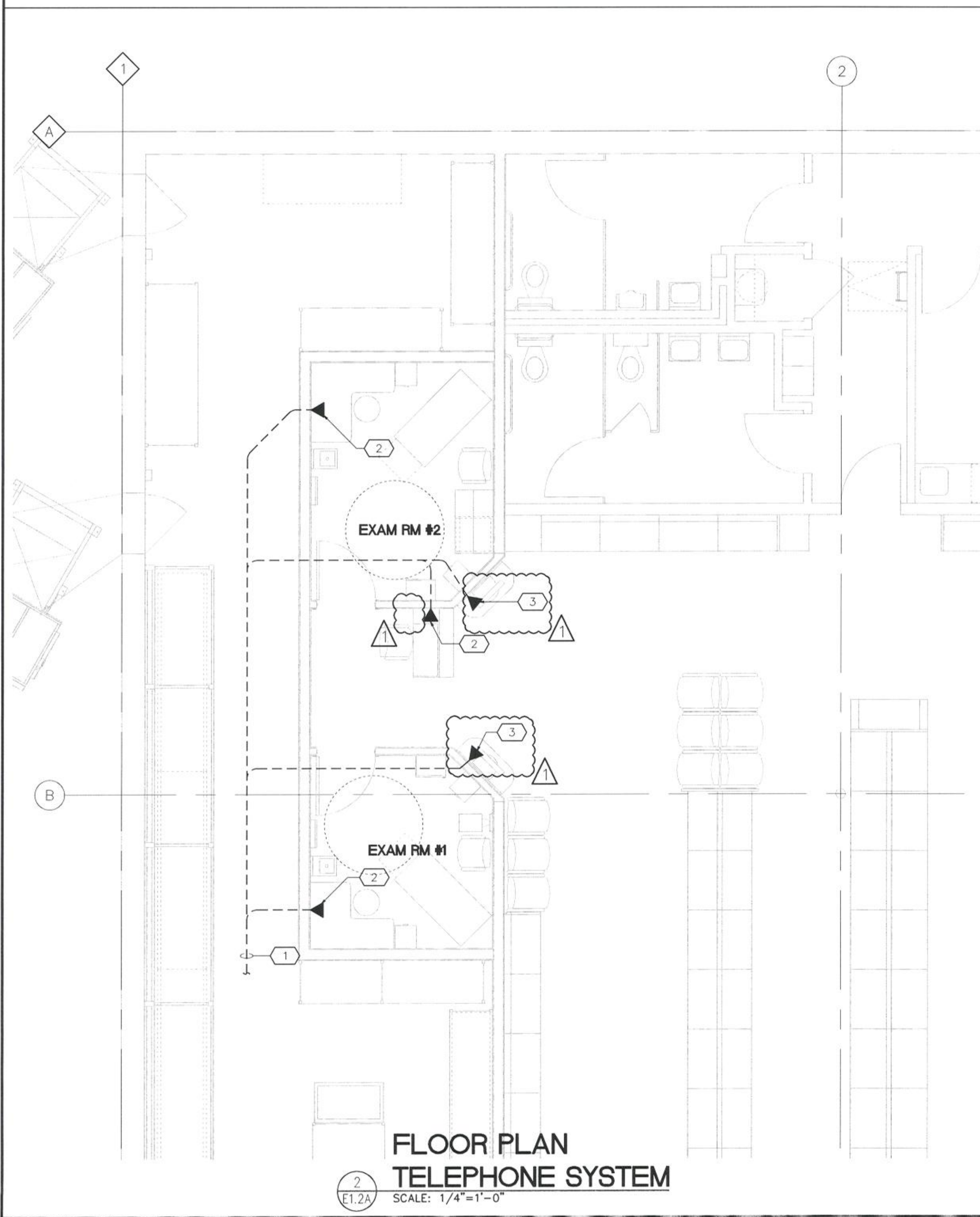
- TELEPHONE SYSTEM KEY NOTES
1. PROVIDE A 1" C WITH A #12 PULL WIRE FROM THE TELEPHONE TERMINAL TO ACCESSIBLE CEILING SPACE. THIS CONDUIT SHALL BE DEDICATED FOR D.T.R. USE.
 2. PROVIDE BACK BOX AT +18" AFF WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE FOR TELEPHONE CABLING BY WALGREENS. ROUTE CONDUIT CONTINUOUS TO AN ABOVE CEILING CABINET WHERE REQUIRED BY LOCAL CODES. WALL MOUNTED.
 3. PROVIDE BACK BOX AT +42" AFF WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE FOR TELEPHONE CABLING BY WALGREENS. ROUTE CONDUIT CONTINUOUS TO AN ABOVE CEILING CABINET WHERE REQUIRED BY LOCAL CODES. WALL MOUNTED.
 4. **NOT USED** TELEPHONE 42" A.T.F. WALL MOUNT 1/2"-6" FROM JACKE.
 5. **NOT USED** POWER FAILURE JACKS ARE TELEPHONE OUTLETS WHICH BYPASS THE NORSTAR SYSTEM AND ARE USED DURING ELECTRICAL POWER INTERRUPTIONS. THE TELEPHONE POWER FAILURE JACKS ARE WIRED DIRECTLY TO THE STATION BLOCKS. TELEPHONE POWER FAILURE JACKS ARE LOCATED IN THE PHARMACY AND THE OFFICE.



- ETHERNET SYSTEM GENERAL NOTES
1. ALL WORK SHOWN SHALL COMPLY WITH ALL NATIONAL, STATE AND LOCAL CODES, ORDINANCES, ETC.
 2. ETHERNET "CATEGORY 5E" CABLES TO BE FURNISHED AND INSTALLED BY WALGREENS' CONTRACTOR (CERTIFIED CATEGORY 5E INSTALLER) AND SHALL FOLLOW "EIA/TIA" CATEGORY 5E SPECIFICATIONS. THE ETHERNET (CATEGORY 5E) SYSTEM SHALL ALSO BE TESTED WITH A WAVE/TECH/WIRESCOPE DEVICE AND REPORT SUBMITTED TO WALGREEN COMPANY.
 3. CONDUIT BENDS SHALL HAVE A MINIMUM RADIUS OF EIGHT TIMES THE CONDUIT DIAMETER.
 4. ALL CONDUITS TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE #12 PULL STRING IN EACH CONDUIT.
 5. IF CABLES ARE ROUTED BELOW FLOOR, THEN USE 1" CONDUIT (MIN.)
 6. IF CABLES ARE ROUTED ABOVE CEILING THEN NO CONDUIT NECESSARY (ABOVE CEILING) WHEN CABLES ARE RATED IN ACCORDANCE TO NATIONAL ELECTRICAL CODE FOR USE ABOVE CEILING, OTHERWISE PROVIDE 3/4" CONDUIT MINIMUM.
 7. FOR FURTHER INFORMATION CONTACT FACILITIES MANAGEMENT DEPARTMENT AT WALGREENS'. (MANAGER OF FACILITIES TECHNOLOGY).
 8. CLINIC ADTRAN COMMUNICATION CABINET TO BE LOCATED ON OR NEXT TO WALGREEN TELEPHONE TERMINAL BOARD (PLYWOOD BACKER BOARD).

- SOUND SYSTEM GENERAL NOTES
1. WALGREENS SHALL FURNISH & INSTALL SOUND SYSTEM EQUIPMENT.
 2. LANDLORDS ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL ALL SOUND SYSTEM WIRING.
 3. COORDINATE SPEAKER LOCATIONS WITH REFLECTED CEILING PLAN.
 4. SOUND SYSTEM CABLE, 22 GAUGE, 2/C, STRANDED (UL) TYPE CM-CL2 (BELDEN 5500UE), FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. COIL 6'-0" OF SLACK CABLE AT EACH

- ETHERNET SYSTEM KEY NOTES
1. FURNISH AND INSTALL SINGLE CATSE WALL BOX AT 18" AFF WITH ONE (1) CATSE CABLE ROUTED BACK TO WALL BOX AT EXAM #2 AS SHOWN.
 2. FURNISH AND INSTALL CATSE BOX WITH JACKS AND CONNECT TO CATSE CABLES ROUTED FROM LOCATIONS LOCATED IN NOTE 1 & 2.
 3. **NOT USED** INSTALL SINGLE CATSE WALL BOX AT +29" AFF WITH ONE CATSE CABLE. FOR KIOSK, ROUTED BACK TO WALL BOX AT EXAM #2, AS SHOWN.
 4. FURNISH AND INSTALL 2-GANG, EXTRA DEEP JUNCTION BOX WITH 1 1/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE FOR LCD VIDEO CABLES. REFER TO "LCD ELECTRICAL ROUGH-IN DETAIL."
 5. FURNISH AND INSTALL 2-GANG, EXTRA DEEP JUNCTION BOX WITH 1 1/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE TO RECEIVE LCD VIDEO CABLES.
 6. PROVIDE (5) CATSE PATCH CABLES FROM WALL BOX TO ADTRAN EQUIPMENT.
 7. PROVIDE VGA CABLE PER CLINIC SPECIFICATIONS. (MOUNTED 68 1/4")
 8. **NOT USED** PROVIDE (5) CATSE PATCH CABLES FROM THE OFFICE TO ADTRAN EQUIPMENT CABINET. PROVIDE 10' OF SLACK CABLE AT EACH END.
 9. **NOT USED** CABLE FROM THE ADTRAN TERMINAL IN THE OFFICE TO ADTRAN EQUIPMENT CABINET. PROVIDE 10' OF SLACK CABLE AT EACH END.
 10. **NOT USED** (E.C.) FROM CATEGORY 5 PATCH PANEL (ON RX COMM CABINET) TO TERMINATION (WITH SEMON SURFACE MTD. CAT5 JACK ASSEMBLY) AT OFFICE LOCATION.
 11. **NOT USED** (E.C.) FROM CATEGORY 5 PATCH PANEL (ON RX COMM CABINET) TO TERMINATION (WITH SEMON SURFACE MTD. CAT5 JACK ASSEMBLY) AT OFFICE LOCATION.
 12. **NOT USED** (E.C.) FROM THE CASH REGISTER CONTROLLER IN IN THE OFFICE TO THE RX COMM CABINET (TERMINATED BY WALGREEN DTR).
 13. **NOT USED** (E.C.) FROM THE OFFICE TO THE HOFFMAN BOX (SUPPLIED BY SIGN MANUFACTURER) ON THE BASE OF THE SIGN POLE VIA 1" C. CONDUIT SHALL HAVE NO MORE THAN TWO 90 DEGREE BEND AND A #12 WIRE FOR PULL STRING. TERMINATE WITH SEMON CAT5 JACK ASSEMBLY.



CONDUIT AND CABLE SCHEDULE

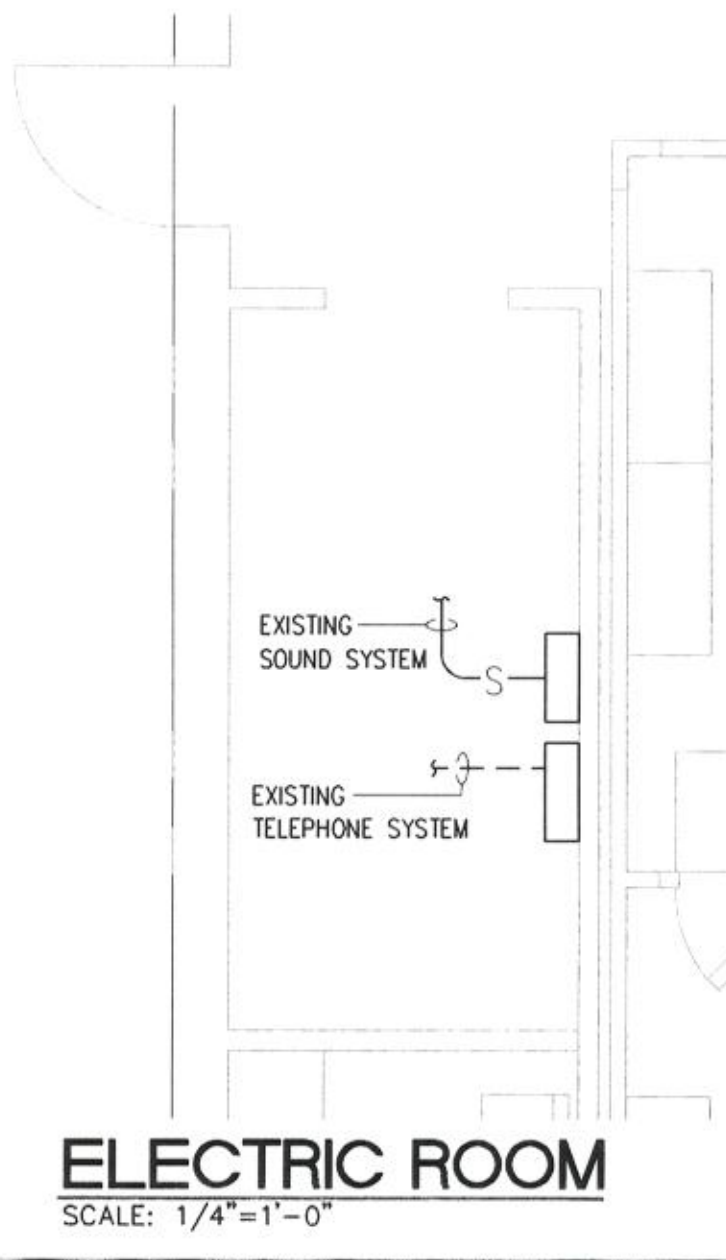
CONDUIT SIZE	BELDEN 1700A CATEGORY 5E	BELDEN 1872A CATEGORY 6
3/4"	3	2
1"	5	3
1 1/4"	8	5
1 1/2"	15	9
2"	20	13

PHARMACY COMMUNICATION CABINET CABLING

CABLE LABEL	CABLE TYPE	FROM	TO
1-1	CAT.5E	ADTRAN	EXAM #1 COMPUTER
1-2	CAT.5E	ADTRAN	EXAM #2 COMPUTER
1-3	CAT.5E	ADTRAN	RECEPTION COMPUTER
1-4	CAT.5E	ADTRAN	SIGN-IN COMPUTER
1-5	CAT.5E	ADTRAN	SIGN-IN COMPUTER
LCD	VGA		LCD

- SOUND SYSTEM LEGEND
- ⊗ SPEAKER (CEILING MOUNTED)
 - ⊗ VC SPEAKER WITH INTEGRAL VOLUME CONTROL
 - S — SOUND SYSTEM CABLE

- DATA LEGEND
- ▶ SINGLE CATSE JACK
 - (6) SIX CATSE JACK
 - ⊞ 2-GANG EXTRA DEEP JUNCTION BOX FOR LCD VIDEO CABLING. PROVIDE (1) 1 1/2" C FROM BOX STUBBED INTO ACCESSIBLE CEILING SPACE.



Walgreens FACILITIES PLANNING AND DESIGN 106 WILMOT ROAD 847-940-2500 DEERFIELD, IL 60015

Cole + Russell Architects Architecture Engineering Interior Design Landscape Architecture Construction Administration

1740 Platte Street Denver, CO 80202 (303) 863-8100 (303) 863-8118 fax

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1 01-26-09 PERMIT RESPONSE; WALGREENS REVIEW #1

NO. DATE BY DESCRIPTION CONST.

REVISIONS

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STATE OF COLORADO HOWARD M. KENT P-2159 LICENSED ARCHITECT

PROJECT NAME 15301 EAST ILIFF AVE CITY OF AURORA, ARAPAHOE COUNTY STATE OF COLORADO

DRAWING TITLE FLOOR PLAN ETHERNET AND TELEPHONE

DATE: 12-19-08 STORE NO.: 000-06513 RELEASED TO CONSTRUCTION: BASED ON WALGREENS PROTOTYPE DATED: 08/07 COMM. NO.: 508081

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