

theVitamin Shoppe

123 N. WEBER ROAD
BOLINGBROOK, IL. 60440

FREDERICK J. GOGLIA
 ARCHITECT, NCAARB, ISP
 1960 CRAIG ROAD, SUITE 300
 ST. LOUIS, MO 63146
 PH. (314) 415-2400 FAX (314) 415-2300
 www.arvc.com

REGISTRATION SEAL

REVISIONS	

PROJECT NO.	130072
DATE	12/22/14
DRAWN BY:	DLI
STORE NUMBER:	
SCALE:	AS NOTED

SALES AREA	2,400 S.F.
NON SALES	600 S.F.
GROSS AREA	3,000 S.F.

SHEET TITLE:

COVER SHEET

theVitamin Shoppe
 123 N. WEBER ROAD
 BOLINGBROOK, IL. 60440

SHEET NO:

T1.0

CONTRACTOR'S NOTES

- WRITTEN DIMENSIONS HOLD PREFERENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS. CONTRACTOR'S MUST VISIT JOB SITE TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS BEFORE SUBMITTING BIDS. REPORT ANY DISCREPANCIES OF ANY CONDITIONS WHICH MAY INTERFERE WITH THE PROPER EXECUTION OF, TO TENANT REPRESENTATIVE. REPORT DISCREPANCIES DURING BIDDING PROCESS AND BEFORE START OF CONSTRUCTION. EXTRAS WILL NOT BE ALLOWED FOR JOB OR CODE COMPLIANCE CONDITIONS AFTER COMMENCEMENT OF CONSTRUCTION.
- FIXTURE PLAN, FLOOR PLAN, INTERIOR ELEVATION SHEET, REFLECTED CEILING PLAN, DEMOLITION PLAN ARE OF THIS SPECIFIC STORE.
- ALL TRANSITIONS MUST BE SMOOTH AND FLUSH.
- ALL NEW WALL CONSTRUCTION TO BE SUPPORTED FROM TOP CHORD OF STRUCTURAL AND NOT FROM METAL DECK ABOVE.
- ALL QUESTIONS AND CORRESPONDENCE WITH THE EXCEPTION OF CODE AND PLAN REVIEW ARE TO BE DIRECTED TO THE VITAMIN SHOPPE PROJECT MANAGER AND NOT THE PROJECT ARCHITECT.
- G.C. SHALL VISIT THE PREMISES AND VERIFY ALL EXISTING CONDITIONS PRIOR TO BID AND START OF ANY CONSTRUCTION AND SHALL REPORT ALL DISCREPANCIES TO TENANT'S ARCHITECT. THE G.C. SHALL CONFORM TO ALL REQUIREMENTS REGARDING CONSTRUCTION PROCEDURES, INSURANCE, ETC. AS SET FORTH BY THE LANDLORD.
- NO CHANGE ORDERS WILL BE ACCEPTED AFTER START OF WORK UNLESS DUE TO HIDDEN CONDITIONS OR CHANGE DIRECTED BY TENANT REPRESENTATIVE.
- ALL WORK DONE UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS, DRAWINGS & CONSTRUCTION CRITERIA OF THE LANDLORD, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES, AND REGULATIONS OF ALL GOVERNING BODIES INVOLVED. ANY MODIFICATIONS TO THE CONTRACT WORK REQUIRED BY SUCH AUTHORITIES SHALL BE PERFORMED BY THE GENERAL CONTRACTOR. ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE GENERAL CONTRACTOR.
- ALL SIGNS TO BE FILLED UNDER SEPARATE PERMIT APPLICATION.
- ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE TENANT'S CONTRACTOR(S).

IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO VISIT AND INSPECT ALL LOCATIONS PRIOR TO SUBMITTING THEIR BID. SHOULD CONDITIONS BE EXISTING THAT ARE NOT REFLECTED IN THE PLANS, THE G.C. SHOULD INCLUDE AN ADDITIONAL BID AS AN "ALTERNATE" TO COVER ANY COST REQUIRED TO RECTIFY.

PROJECT DIRECTORY

LANDLORD REPRESENTATIVE

KEY DEVELOPMENT PARTNERS, LLC.
515 N. STATE, SUITE 2660
CHICAGO, IL 60654
TEL: (312) 574-5101

CONTACT: STEVE PANKO
EMAIL: SPANKO@KDP-LLC.COM

TENANT

THE VITAMIN SHOPPE
2101 91st ST.
NORTH BERGEN, NJ 07047
TEL: (541) 245-9498
CELL: (541) 840-9414

CONTACT: SCOTT MESKIMEN
scott.meskimen@vitaminshoppe.com

ARCHITECT OF RECORD

FREDERICK J. GOGLIA
1950 CRAIG RD, SUITE 300
ST. LOUIS, MO 63146
TEL: (314) 415-2400
FAX: (314) 415-2300

PROJECT MANAGER
CONTACT: ANDY LIKEFAHR
alikafahr@arcv.com
TEL: (314) 415-2400
FAX: (314) 415-2300

MECHANICAL / ELECTRICAL
CONTACT: BOB GLEATHEN
rqueathen@arcv.com
TEL: (314) 415-2400
FAX: (314) 415-2300

CODE REVIEW

ALL WORK DONE UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS, DRAWINGS, AND CONSTRUCTION CRITERIA OF THE LANDLORD, AND SHALL SATISFY ALL APPLICABLE CODES, AND REGULATIONS OF ALL GOVERNING BODIES INVOLVED. ANY MODIFICATIONS TO THE CONTRACT WORK REQUIRED BY SUCH AUTHORITIES SHALL BE PERFORMED BY THE GENERAL CONTRACTOR. ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE GENERAL CONTRACTOR.

CODES:

- BUILDING: 2006 INTERNATIONAL BUILDING CODE
PLUMBING: 2004 ILLINOIS PLUMBING CODE
MECHANICAL: 2006 INTERNATIONAL MECHANICAL CODE
ENERGY: 2009 INTERNATIONAL ENERGY CONSERVATION CODE
ELECTRICAL: 2011 NATIONAL ELECTRIC CODE
FIRE: 2006 INTERNATIONAL FIRE CODE

CONSTRUCTION TYPE: II-B

USE GROUP CLASSIFICATION: MERCANTILE

OCCUPANCY LOADS:

SALES FLOOR 2,412 SQ. FT. DIVIDED BY 30 = 81
NON-SALES 600 SQ. FT. DIVIDED BY 300 = 2

TOTAL 83 OCCUPANTS

SQUARE FOOTAGE:

SALES FLOOR 2,400 SQ. FT.
STOCK ROOM 350 SQ. FT.
TOILET ROOM 89 SQ. FT.
HALLWAY 161 SQ. FT.
TOTAL 3,000 SQ. FT.

FIRE SUPPRESSION SYSTEM:

YES NO

ALL SIGNS TO BE FILED UNDER A SEPARATE PERMIT APPLICATION

ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK (INCLUDING DISPLAY FIXTURE ANCHORAGE WHERE APPLICABLE) SHALL BE SECURED AND PAID FOR BY THE TENANT'S CONTRACTOR(S).

DRAWING INDEX

ARCHITECTURAL DRAWINGS	REV	DATE
T1.0 COVER SHEET		
T2.0 PROJECT INFORMATION & SPECS		
T3.0 RESPONSIBILITY OF WORK & SPECS		
T4.0 ACCESSIBILITY DETAILS		
FP-1 FIXTURE PLAN & NOTES		
A0.0 LIFE SAFETY PLAN		
A1.0 FLOOR PLAN & NOTES		
A2.0 FINISH PLAN & NOTES		
A2.1 INTERIOR ELEVATIONS		
A3.0 REFLECTED CEILING PLAN & NOTES		
A4.0 EXTERIOR ELEVATIONS		
A5.0 MISCELLANEOUS DETAILS		
A6.0 WALL FIXTURE DETAILS		
A7.0 KIOSK & CASHWRAP DETAILS		
A8.0 TOILET ROOM PLAN/DTLS		
ELECTRICAL DRAWINGS		
E1.0 LIGHTING PLAN		
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E3.0 SPECS./DETAILS. & PANELS		
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MECHANICAL DRAWINGS		
M1.0 MECHANICAL PLAN		
M2.0 MECHANICAL DETAILS AND SPECIFICATIONS		
PLUMBING DRAWINGS		
P1.0 PLUMBING PLAN		
P2.0 PLUMBING SPECS		

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NON SALES 600 S.F.

GROSS AREA 3,000 S.F.

SHEET TITLE:

PROJECT INFO
+ SPECS

theVitamin Shoppe
123 N. WEBER ROAD
BOLINGBROOK, IL 60440

SHEET NO:

T2.0

GRAPHIC SYMBOLS

- | | | | |
|-----------------------------|--|------------------|--|
| DETAIL NUMBER | | EARTH | |
| SHEET WHERE DETAIL IS SHOWN | | GRANULAR FILL | |
| SECTION CUT | | POURED CONCRETE | |
| BUILDING CROSS SECTION | | CONCRETE BLOCK | |
| ELEVATION | | FACE BRICK | |
| ROOM NUMBER | | STEEL | |
| KEY NOTE | | ROUGH WOOD | |
| WINDOW NUMBER | | FINISHED WOOD | |
| PARTITION TYPE | | PLYWOOD | |
| DOOR NUMBER | | RIGID INSULATION | |
| FINISH ITEMS | | BATT INSULATION | |
| EQUIP. NUMBER | | GYPSUM BOARD | |
| ELEVATION BENCHMARK | | METAL | |
| REVISION NUMBER | | CERAMIC TILE | |
| | | ASPHALT PAVING | |

- | | |
|--|---|
| | LEASE LINE |
| | EXISTING DEMISING PARTITION |
| | NEW DEMISING PARTITION |
| | EXISTING PARTITION |
| | NEW PARTITIONS TO CEILING |
| | NEW PARTIAL HEIGHT PARTITIONS
STOPS SHORT OF CEILING |
| | PARTITION OR MATERIAL TO BE REMOVED |

PREFERRED VENDORS

FIXTURE VENDOR

LEIDEN CABINET CO.
1875 EAST 95TH STREET CLEVELAND,
OHIO 44109
TEL: (330) 425-8555
FAX: (330) 405-4483
CONTACT: DARREN DAVENPORT

PORCELAIN TILE

KAISER TILE
615 N. ELLIOT ROAD
TEMPE, AZ 85284
TEL: (480) 222-1100
CONTACT: RALPH KAISER

ACOUSTICAL TILE

ARMSTRONGS WORLD INDUST.
2500 COLUMBIA AVENUE
LANCASTER, PA 17604
TEL: (717) 396-6257
CONTACT: MIKE O'HEARN

LIGHTING FIXTURES

SPECIALTY LIGHTING GROUP
35 INDUSTRIAL PARK RD.
CENTERBROOK, CT 06409
TEL: (860) 767-0110 EX-225
CONTACT: JASON PIANTA

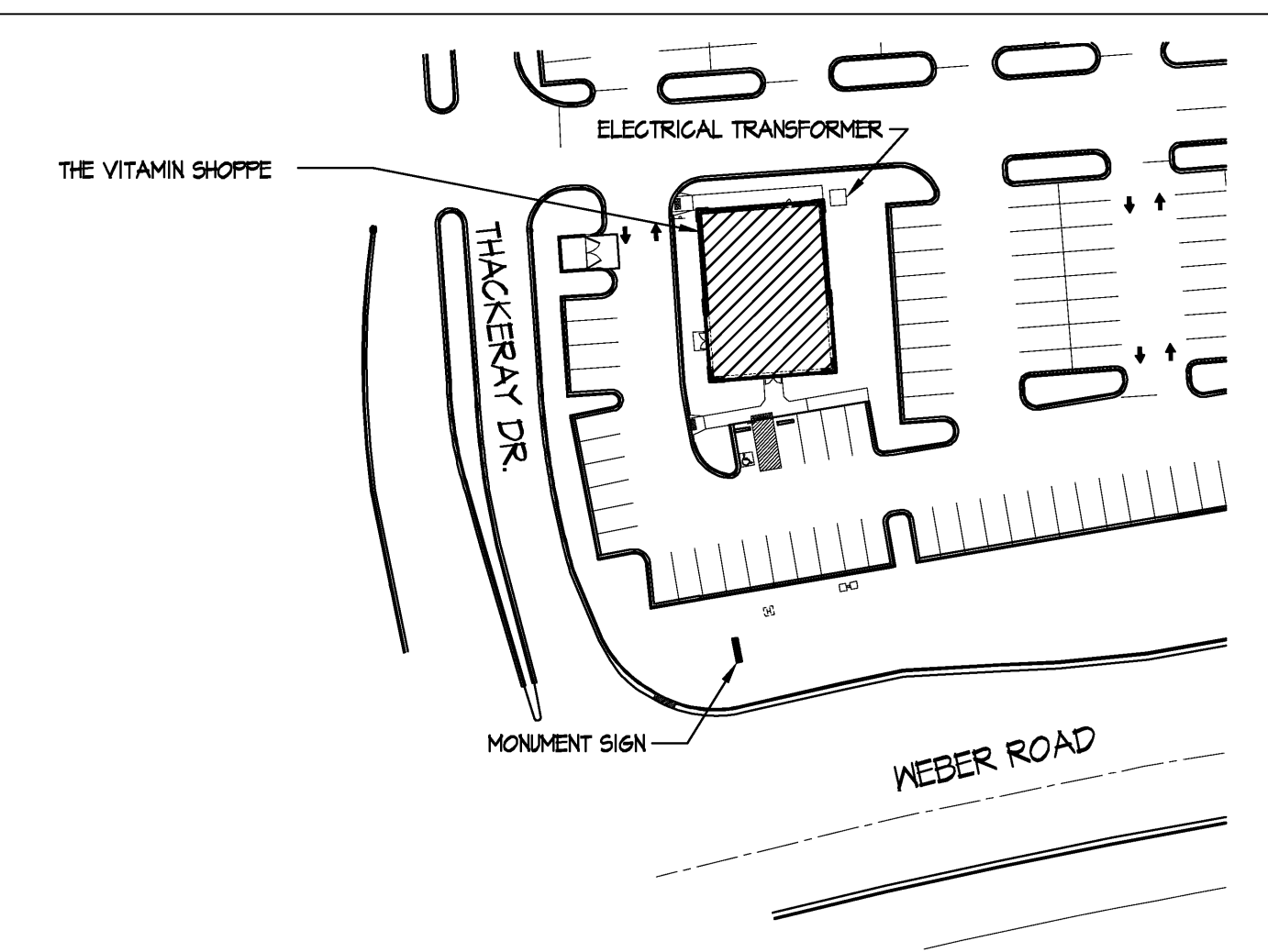
SIGNAGE

ACCESS
2951 FERNAND- LA FONTAINE
LONGUEUIL QC J4N1T1, CANADA
TEL: (450) 674-3993
CONTACT: TAMM DERIKSON

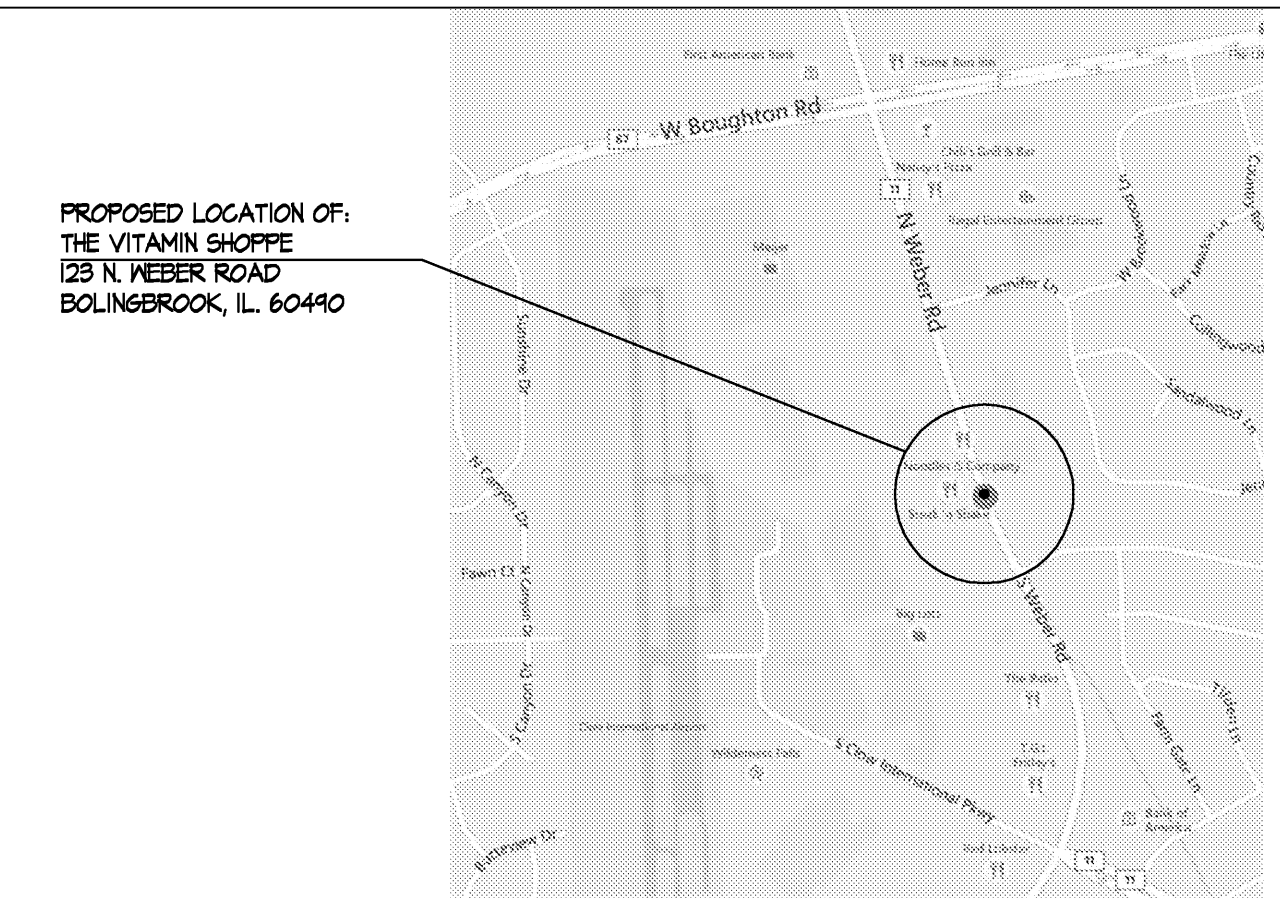
NOTE

G.C. NEEDS TO SUBMIT ALL FINISHES/EQUIPMENT SUBMITTALS AND/OR SUBSTITUTE ITEMS SPECIFICATIONS TO VITAMIN SHOPPE REP. FOR REVIEW AND APPROVAL.

SITE PLAN



MAP LOCATION



GENERAL CONDITIONS

A. FIELD CONDITIONS
 CONTRACTOR SHALL VERIFY ALL CONDITIONS AS WELL AS ALL DIMENSIONS AND CONDITIONS INDICATED IN THE DRAWINGS PRIOR TO ACTUAL CONSTRUCTION. ANY VARIATION FROM CONDITIONS INDICATED IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND OWNERS REPRESENTATIVE PRIOR TO BID SUBMITTAL.

B. COORDINATION OF WORK
 THE CHARACTER AND SCOPE OF THE WORK ARE ILLUSTRATED BY THE WORKING DRAWINGS. CONTRACTOR SHALL CAREFULLY EXAMINE ALL THE DRAWINGS AND BE RESPONSIBLE FOR THE PROPER INSTALLATION OF HIS WORK AND PROPER CONSIDERATION FOR THE WORK OF OTHERS AND EXISTING SHOPPING CENTER CONSTRUCTION. DO NOT PLACE DUCTS, PIPING, CONDUIT OR ANY OBSTRUCTION SO AS TO IMPAIR REQUIRED CEILING HEIGHTS AND CLEARANCE FOR LIGHTING FIXTURES, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING ADJACENT TENANTS' AND SHOPPING CENTER FACILITIES.

C. BUILDING CODES AND REGULATIONS
 ALL WORK SHALL CONFORM TO ALL CODES AND REGULATIONS. CONTRACTOR SHALL FILE, PAY FOR, AND OBTAIN ALL REQUIRED PERMITS TO PERFORM THE WORK. CONTRACTOR SHALL OBTAIN ALL REQUIRED APPROVALS FROM GOVERNMENTAL AGENCIES INVOLVED PRIOR TO FINAL PAYMENT. APPROVALS TO OCCUPY THE SPACE BY LOCAL BUILDING OFFICIALS SHALL BE OBTAINED.

D. INSURANCE
 1. CONTRACTOR SHALL SECURE, PAY FOR, AND MAINTAIN DURING CONSTRUCTION FIXTURES WORK WITHIN LEASED PREMISES, ALL OF THE INSURANCE POLICIES REQUIRED AND IN THE AMOUNTS AS SET FORTH HEREIN. CONTRACTOR SHALL NOT COMPROMISE ANY WORK UNTIL ALL REQUIRED INSURANCE HAS BEEN OBTAINED AND CERTIFICATES OF SUCH INSURANCE HAVE BEEN DELIVERED TO THE LANDLORD AND TENANT. LANDLORD MUST BE NAMED AS "ADDITIONAL INSURED". CERTIFICATES OF INSURANCE SHALL COVER ALL WORK PERFORMED BY HIM AND EACH OF HIS SUBCONTRACTORS AND ALL MAJOR SUPPLIERS.

2. GENERAL CONTRACTORS AND SUBCONTRACTORS' REQUIRED MINIMUM COVERAGE AND LIMITS OF LIABILITY:
 a) WORKMENS COMPENSATION INSURANCE - IN ACCORDANCE WITH THE GOVERNING LAWS WITH A LIMIT OF NOT LESS THAN \$500,000, AND ANY INSURANCE REQUIRED BY ANY EMPLOYEE BENEFITS ACTS, ETC. AS WILL PROTECT THE CONTRACTOR AND SUBCONTRACTORS FROM ANY AND ALL LIABILITY.
 b) CONTRACTOR SHALL PAY FOR AND FURNISH TO TENANT AND LANDLORD, CERTIFICATES OF INSURANCE WHICH WILL PROTECT SAID CONTRACTOR FROM CLAIMS (1) UNDER WORKMENS COMPENSATION ACTS AND OTHER EMPLOYEE BENEFIT ACTS, WITH LIMITS OF NOT LESS THAN \$2,000,000, (II) FOR DAMAGES BECAUSE OF BODILY INJURY (INCLUDING DEATH) TO HIS EMPLOYEES AND ALL OTHERS, WITH THE LIMITS OF \$2,000,000 PER PERSON AND \$2,000,000 PER OCCURRENCE, AND (III) FOR DAMAGES TO PROPERTY WITH LIMITS OF \$1,000,000, WHICH ARISE OUT OF OR RESULT FROM THE CONTRACTORS WORK UNDER THIS CONTRACT WHETHER SUCH WORK (INCLUDING OPERATION OF MOTOR VEHICLES) BE BY HIMSELF OR OTHERS DIRECTLY OR INDIRECTLY EMPLOYED BY EITHER, AND BUILDERS RISK INSURANCE IN THE FULL AMOUNT OF THE CONTRACT SUM.

3. INDEMNIFICATION - TO THE FULLEST EXTENT PERMITTED BY LAW, THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE LANDLORD, TENANT, AND THE ARCHITECT AND THEIR AGENTS AND EMPLOYEES FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEYS FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE WORK, PROVIDED THAT ANY SUCH CLAIM, DAMAGE, LOSS, OR EXPENSE (1) IS ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE, OR DEATH, OR TO INJURY OR TO DESTRUCTION OF TANGIBLE PROPERTY (OTHER THAN THE WORK ITSELF) INCLUDING THE LOSS OF USE RESULTING THEREFROM, AND (2) IS CAUSED IN WHOLE OR IN PART BY A NEGLIGENT ACT OR OMISSION OF THE CONTRACTOR, ANY SUBCONTRACTORS, ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY ANY OF THEM MAY BE LIABLE, REGARDLESS OF WHETHER OR NOT IT IS CAUSED IN PART BY A PARTY INDENTIFIED HEREUNDER.

E. LIEN WAIVERS AND SWORN AFFIDAVITS
 CONTRACTOR SHALL FURNISH WITHIN 30 DAYS AFTER COMPLETION, FINAL WAIVERS OF LIEN FOR ALL WORK PERFORMED AS WELL AS ALL SUBCONTRACTORS AND MAJOR SUPPLIERS.

F. CERTIFICATE OF OCCUPANCY
 CONTRACTOR WILL PROVIDE TENANT AND LANDLORD WITH A COPY OF THE CERTIFICATE OF OCCUPANCY.

G. QUALITY STANDARDS
 ALL SUCH WORK SHALL BE PERFORMED IN A FIRST CLASS WORKMANLIKE MANNER AND SHALL BE IN GOOD AND USEABLE CONDITION AT THE DATE OF COMPLETION THEREOF. CONTRACTOR SHALL GUARANTEE ALL WORK PERFORMED TO BE FREE FROM ANY AND ALL DEFECTS IN WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE DATE ALL CONSTRUCTION PUNCH LIST ITEMS HAVE BEEN COMPLETED AND ACCEPTANCE HAS BEEN CONFIRMED IN WRITING BY THE TENANT REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OR REPAIR WITHOUT ANY ADDITIONAL CHARGE FOR ANY AND ALL WORK DONE OR FURNISHED WHICH SHALL BECOME DEFECTIVE WITHIN THIS ONE (1) YEAR PERIOD. THE CORRECTION OF SUCH WORK SHALL INCLUDE, WITHOUT ADDITIONAL CHARGE, ALL EXPENSES AND DAMAGES IN CONNECTION WITH SUCH REMOVAL, REPLACEMENT, OR REPAIR OF ANY PART OF THE WORK WHICH MAY BE DAMAGED OR DISTURBED THEREBY. ALL WARRANTIES OR GUARANTEES AS TO MATERIALS OR WORKMANSHIP ON OR WITH RESPECT TO TENANTS WORK SHALL BE CONTAINED IN THE CONTRACT OR SUBCONTRACT WHICH SHALL BE SO WRITTEN THAT SUCH GUARANTEES OR WARRANTIES SHALL INSURE TO THE BENEFIT OF BOTH LANDLORD AND TENANT, AS THEIR RESPECTIVE INTEREST APPEAR AND CAN BE DIRECTLY ENFORCED BY EITHER.

H. RUBBER WHEEL CARTS
 CONTRACTORS CARTS, EQUIPMENT BOXES, ETC. MUST BE EQUIPPED WITH RUBBER WHEELS.

I. FIRE EXTINGUISHERS
 CONTRACTOR TO VERIFY REQUIRED NUMBER AND LOCATION OF ANY ADDITIONAL EXTINGUISHERS REQUIRED BY FIRE DEPARTMENT AND FURNISH AND INSTALL SAME. INSTALL AFTER FIXTURING.

K. RESPONSIBILITY FOR MATERIALS ON SITE
 CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS SHIPPED TO THE JOB SITE INCLUDING MATERIALS FURNISHED BY OTHERS. COST OF ALL MISSING MATERIALS WILL BE DEDUCTED FROM THE CONTRACT PRICE AND FINAL PAYMENT. CONTRACTOR TO CHECK ALL INVOICES AT TIME SHIPMENT IS RECEIVED AND NOTIFY TENANT REPRESENTATIVE, OF ANY DISCREPANCIES.

L. RUBBISH REMOVAL
 CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY REMOVAL FROM THE PROJECT, ALL TRASH, RUBBISH AND SURPLUS MATERIALS RESULTING FROM CONSTRUCTION, FIXTURING AND MERCHANDISING OF THE DEMISED PREMISES. COORDINATE REMOVAL OF DEBRIS WITH SHOPPING CENTER MGMT/LANDLORD.

M. TEMPORARY UTILITIES
 CONTRACTOR SHALL ARRANGE FOR TEMPORARY UTILITIES AS REQUIRED, AND SHALL PAY FOR THE UTILITY CHARGE.

NOTES:
 ALL QUESTIONS AND CORRESPONDENCE WITH THE EXCEPTION OF CODE AND PLAN REVIEW ARE TO BE DIRECTED TO THE VITAMIN SHOPPE PROJECT MANAGER AND NOT THE PROJECT ARCHITECT.
 NO CHANGE ORDERS WILL BE ACCEPTED AFTER START OF WORK UNLESS DUE TO HIDDEN CONDITIONS OR CHANGES DIRECTED BY TENANT REPRESENTATIVE. ALL CHANGE ORDERS MUST BE APPROVED PRIOR TO START OF WORK.

SCOPE OF WORK

1. **CONCRETE SLAB - SEE RESPONSIBILITY CHART**
 A SMOOTH AND LEVEL CONCRETE FLOOR SLAB WITH NOT MORE THAN ONE-EIGHTH (1/8") VARIATION IN TEN FEET (20'-0") AND ALL REQUIRED EXPANSION AND CONTROL JOINTS PROPERLY INSTALLED AND READY FOR TENANT-SPECIFIED FLOOR COVERINGS. INTERIOR FLOOR SLAB AND EXTERIOR WALLS AT ALL DOORWAYS (FRONT AND SECONDARY EXIT) SHOULD HAVE SMOOTH CONSISTENT TRANSITION.

2. **DEMISING WALL**
 ANY INTERIOR WALL SEPARATING THE PREMISES FROM OTHER SPACE (DEMISING WALLS) SHALL BE CONSTRUCTED WITH METAL STUDS, INSULATED PER MINIMUM, COVERED WITH DRYWALL ON BOTH SIDES, TAPED AND SANDED (READY TO PAINT) AND SHALL HAVE A MINIMUM ONE (1) HOUR FIRE RATING OR SUCH RATING AS IS REQUIRED PER APPLICABLE BUILDING CODES. LANDLORD SHALL PROVIDE DEMISING WALLS TO THE FULL HEIGHT OF THE ROOF DECK. G.C. IS RESPONSIBLE TO VERIFY EXISTING WALLS ARE PLUMB, LEVEL AND SQUARE TO 1/8" IN 10'-0" MAX. AND TO VERIFY SPACE IS SQUARE TO 1/4" IN 10'-0". IF ANY OF THE WALLS EXCEED THIS TOLERANCE G.C. IS TO BRING THIS TO THE ATTENTION OF THE VITAMIN SHOPPE CONSTRUCTION PROJECT MANAGER IMMEDIATELY FOR DIRECTION AS TO CORRECTIVE ACTION THAT WILL BE REQUIRED.

3. **INTERIOR PARTITION WALLS**
 THE INTERIOR OF PERIMETER WALLS SHALL BE CONSTRUCTED OR FURRED WITH STUDS AS INDICATED ON PROTOTYPE PARTITION LEGEND (AS REQUIRED BY LOCAL CODE), INSULATED (PER MINIMUM OR GREATER IF REQUIRED BY APPLICABLE BUILDING CODES) WITH VAPOR BARRIER INSTALLED. INTERIOR SURFACES OF ALL WALLS IN THE PREMISES SHALL BE FINISHED WITH 5/8" GYPSUM HALFBLOOD, TAPE, SPACKLED, SANDED SMOOTH AND PRIMED TO THE FULL HEIGHT OF THE ROOF DECK. FOR ALL CORNERS OR BLOWN WALLS IS REQUIRED TO PROVIDE 1X4 FURRING SPACED MAXIMUM OF 24" O.C. VERTICALLY, FINISHED WITH GYPSUM HALFBLOOD AS NOTED ABOVE. REQUIRED FIRE RATINGS PER LOCAL CODE MUST BE MAINTAINED. ALSO PROVIDE ADDITIONAL INTERIOR PARTITIONS AS INDICATED ON TENANTS PLANS AND PROTOTYPE PARTITION LEGEND (PER RESPONSIBILITY CHART).

4. **GYPSUM BOARD CURTAIN WALLS AND SOFFITS**
 IF GYP. BOARD CURTAIN WALLS AND/OR SOFFITS OCCUR ON A SITE SPECIFIC PROJECT THEY SHALL BE CONSTRUCTED WITH 3/8" X 20 GA. METAL STUDS SPACED AT 24" O.C. (UNLESS REQUIRED OTHERWISE) SCREWED TO TOP AND BOTTOM TRACKS. SECURE STUDS TO STRUCTURE ABOVE AT 48" O.C. MAX. WITH BOLTS & CLIP ANGLES OR #12 GA. WIRE BRACE DIAGONALLY AS REQUIRED. 5/8" GYP. BD. SHALL BE SCREW ATTACHED TO STUDS, TAPED & SPACKLED AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE FIRECODE GYP. BD. WHERE FIRE RATING IS REQUIRED.

5. **SUSPENDED GYPSUM BOARD CEILING**
 ALL WORK SHALL BE IN STRICT ACCORDANCE WITH MFRS INSTRUCTIONS AND RECOMMENDATIONS.
 A. RATINGS - MINIMUM U/L RATING AS REQUIRED BY LOCAL AUTHORITIES.
 B. GYP. BOARD - 5/8" SCREEN ATTACHED BELOW GRID, TAPED & SPACKLED AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE F.G. GYP. BD. WHERE FIRE RATING IS REQUIRED BY LOCAL AUTHORITIES.
 C. SUSPENSION SYSTEM - RIGID CEILING GRID SYSTEM WITH CROSS FURRING CHANNELS @ 2'-0" O.C. DIRECT SUSPENSION SYSTEMS BY U.S. GYPSUM CO. OR DRYWALL SUSPENSION SYSTEM BY DONN CORP. HEAVY DUTY CLASSIFICATION PROVIDE ALL NECESSARY FITTINGS FOR COMPLETE SECURE INSTALLATION. DEFLECTION OF ANY COMPONENT SHALL NOT EXCEED 1/800 OF SPAN. MAIN RUNNERS @ 4'-0" O.C. MAX. PROVIDE ADDITIONAL SUPPORT AS REQUIRED TO MEET SEISMIC, FIRE RATING, OR LOCAL BUILDING CODE REQUIREMENTS.
 D. HANGERS - #12 A193 GALV. WIRE SPACED ALONG MAIN RUNNERS @ 4'-0" O.C. MAX. SECURED TO BUILDING STRUCTURAL MEMBERS ONLY. PROVIDE ADDITIONAL SUPPORT HANGERS AT LIGHTING FIXTURES. PROVIDE PERCL ROD HANGERS & APPROVED CLIPS WHERE REQUIRED BY LOCAL CODE.

6. **SUSPENDED ACOUSTICAL CEILING TILE**
 ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PUBLISHED INSTALLATION SPECIFICATIONS OF THE MFRS OF THE MATERIALS USED. ALL CEILING TO BEAR U/L RATING (MIN) AS REQUIRED BY LOCAL AUTHORITIES.

SALES AREA
 A. RATINGS - CLASS A NONCOMBUSTIBLE
 B. PANELS - (CLASS 'A' RATINGS OR AS OTHERWISE REQUIRED BY CODE) SEE FINISH LEGEND, DRAWING A2.0.
 C. GRID - SEE FINISH DRAWING SHEET A2.0.
 D. HANGERS - #12 A193 GALV. WIRE SPACED ALONG MAIN RUNNERS @ 4'-0" O.C. SECURED TO JOISTS ONLY. PROVIDE ADDITIONAL SUPPORT HANGERS AT LIGHTING FIXTURES. PROVIDE ADDITIONAL OR ALTERNATE BRACINGS OF CEILING AS REQUIRED BY LOCAL CODES AND SEISMIC BRACING REQUIREMENTS.

STOCK ROOM CEILING/TOILET ROOM CEILING
 A. RATINGS - CLASS A NONCOMBUSTIBLE
 B. PANELS - (CLASS 'A' RATINGS OR AS OTHERWISE REQUIRED BY CODE) SEE FINISH LEGEND, DRAWING A2.0.
 C. GRID - SEE FINISH DRAWING SHEET A2.0.
 D. HANGERS - #12 A193 GALV. WIRE SPACED ALONG MAIN RUNNERS @ 4'-0" O.C. SECURED TO JOISTS ONLY. PROVIDE ADDITIONAL SUPPORT HANGERS AT LIGHTING FIXTURES. PROVIDE ADDITIONAL OR ALTERNATE BRACINGS OF CEILING AS REQUIRED BY LOCAL CODES AND SEISMIC BRACING REQUIREMENTS.

GENERAL NOTE
 CONTRACTOR SHALL COORDINATE CEILING INSTALLATION WITH HVAC INSTALLATION & ALL RESPECTIVE WORK WITH MECHANICAL AND ELECTRICAL CONTRACTORS. G.C. SHALL REPLACE ALL DAMAGED PANELS AFTER WORK IS COMPLETE. LEAVE ONE FULL CARTON OF EACH TYPE OF CEILING TILES AT COMPLETION OF WORK.

7. **PAINTING**
 PAINT ALL EXPOSED GYP. BD., DOORS, & TRIM IN STRICT ACCORDANCE WITH THE PUBLISHED INSTALLATION SPECIFICATIONS OF THE MFR. OF THE MATERIALS USED. APPLY MINIMUM OF ONE PRIME COAT AND TWO FINISH COATS. SCHEDULE OF PAINTING TO BE AS INDICATED ON FINISH LEGEND, DRAWING A2.0. A LEVEL 4 FINISH WILL ONLY BE REQUIRED AT AREAS NOT COVERED BY FULL HEIGHT PERIMETER FIXTURES.

8. **RESILIENT TILE and BASE**
 RESILIENT TILE & VINYL BASE SHALL BE INSTALLED IN ACCORDANCE WITH MFR'S PUBLISHED RECOMMENDATIONS & TENANTS STANDARD SPECS. BEFORE TURNING STORE OVER TO TENANT, CONTRACTOR SHALL WAX & BUFF ALL V.C.T. FLOORS.

9. **PORCELAIN TILE**
 A. PORCELAIN TILE SHALL BE INSTALLED IN AREAS SHOWN ON DRAWING A2.0.
 B. IF FLOOR FINISHES EXIST WHERE PORCELAIN TILE IS DESIGNATED, REMOVE EXISTING FINISH, FLASH PATCH OR GRIND DOWN EXISTING SLAB TO PROVIDE LEVEL WORKABLE SURFACE.
 C. ALL PORCELAIN TILE TO BE LAIN ON A QUARTER TURN.
 D. ALL EXPOSED UPPER EDGE EDGES TO BE FINISHED WITH ALUM. SCAFFLETRIM TRIM.

10. **SIGNS**
 TENANT SIGN VENDOR SHALL COORDINATE & DRILL AND/OR CUT ANY OPENINGS REQUIRED FOR INSTALLATION. G.C. SHALL FURNISH & INSTALL ALL REQUIRED "J" BOXES, ELEC. OUTLETS & ACCESS DOORS. SIGN CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO ARCHITECT, TENANT, & LANDLORD FOR APPROVALS PRIOR TO FABRICATION. ALL BUILDING DEPT. APPROVALS MUST BE SECURED BY SIGN CONTRACTOR PRIOR TO FABRICATION. SIGN CONTRACTOR SHALL PROVIDE TEMPLATES FOR REQUIRED DRILLING. SIGNS SHALL BE U/L RATED. SEPARATE PERMIT, IF REQUIRED, FOR STOREFRONT SIGN AND SHALL OBTAINED BY SIGN CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL ELECTRICAL CONNECTIONS AFTER SIGN IS INSTALLED.

11. **STOREFRONT - SEE RESPONSIBILITY CHART**
 STOREFRONT TO BE PROVIDED COMPLETE AND INSTALLED PER MANUFACTURERS SPECIFICATIONS AND CODE REQUIREMENTS INCLUDING ONE PAIR OF EXIT SINGLE ACTING NARROW SLIT DOORS WITH ALL REQUIRED HARDWARE. SEE DRAWINGS ON SHEET ALSO PRIOR TO PROVIDING BID. CONTRACTOR TO VERIFY CONDITION OF EXISTING STOREFRONT SYSTEM AND, IF NEEDED, PROVIDE ALLOWANCE IN BID AS REQUIRED TO BRING COMPLETE STOREFRONT SYSTEM TO LIKE NEW CONDITION.

12. **CLEANING and TOUCH UP**
 UPON COMPLETION & BEFORE LEAVING JOB, G.C. SHALL TOUCHUP & RESTORE ALL DAMAGED FINISHES & CLEAN & POLISH ALL PLASTIC LAMINATE, MIRROR, & POLISHED ALUMINUM ETC. SURFACES. CONTRACTOR IS RESPONSIBLE FOR POWER WASHING SIDEWALKS, BUILDING EXTERIOR, AWNINGS, ETC.

13. **TEMPORARY STOREFRONT BARRICADE**
 CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADE AT STOREFRONT DURING CONSTRUCTION IF/AS REQUIRED BY LANDLORD OR LOCAL AUTHORITIES SUCH BARRICADE SHALL BE OF TYPE AND DESIGN APPROVED BY THE LL. MANAGEMENT. CONTRACTOR TO COORDINATE WITH LANDLORD AND LOCAL AUTHORITIES.

RESPONSIBILITY OF WORK

1. IT IS THE RESPONSIBILITY OF THE G.C. TO FIELD VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE SCOPE OF WORK FOR THIS PROJECT. G.C. SHALL REPORT ANY PROBLEMS AND/OR DISCREPANCIES TO ARCHITECT AND TENANT PRIOR TO STARTING WORK.
 2. NO CHANGE ORDERS WILL BE ACCEPTED AFTER START OF WORK UNLESS DUE TO HIDDEN CONDITIONS OR CHANGES DIRECTED BY TENANT REPRESENTATIVE.
 3. THE RESPONSIBILITY SCHEDULE ON SHEET T3.0 SUPERSEDES ALL OTHER DRAWINGS IN THE PLAN SET WHERE A CONFLICT IN SCOPE OCCURS.

TVS EXHIBIT B "VANILLA BOX"	FURNISH BY			INSTALL BY			EXISTING
	LANDLORD	TEENANT	CONTRACTOR	LANDLORD	TEENANT	CONTRACTOR	
GENERAL							
SITE - PARKING ADA ACCESS, SIDEWALKS, ETC.							●
SITE - LANDSCAPING, UTILITIES, LIGHTING							●
DEMOLITION / REMOVAL							IF/AS REQUIRED
FIRE PROOFING							● G.C. TO UPDATE/REPAIR AS REQUIRED BY LOCAL CODE
FIRE EXTINGUISHER							● AS REQUIRED BY LOCAL CODE
INSULATION							● G.C. TO UPDATE/REPAIR AS NEEDED
FLOOR LEVELING							●
FLOOR TRANSITIONS							●
DEMISING PARTITION: (MTL STUD/MASONRY)							●
DEMISING PARTITION: (GYP. BOARD & PREP)							●
INTERIOR PARTITION: (MTL STUDS, GYP. BD. & PREP)							●
INTERIOR FUR-OUT OF PERIMETER EXTERIOR WALL							IF/AS REQUIRED
PAINT							●
FRP FINISH							● FOR MOP SINK, DRINKING FOUNTAIN & TOILET RM. AREAS)
SHELL CLEAN-UP							● PRIOR TO FIXTURES
FINAL CLEAN-UP							● AFTER FIXTURES
STOREFRONT							
STOREFRONT GLASS, FRAMING & ENTRY DOORS							●
DOOR HARDWARE AND ADA THRESHOLD							●
EXTERIOR STOREFRONT SIGN(S)							● COORDINATE W/TENANT SIGN VENDOR
EXTERIOR AWNING							● IF APPLICABLE
INTERIOR GRAPHICS & SIGNAGE							● G.C. TO COORDINATE WITH GRAPHICS INSTALLER
GLAZING FILM							● IF/AS REQUIRED
SALES AREA							
SALES/STOCK ROOM DOORS AND FRAMES							●
DOOR HARDWARE							●
COLUMN ENCLOSURE							●
CEILING - ACOUSTICAL CEILING TILE AND GRID							●
FLOORING - CERAMIC TILE AND GROUT							●
WALK OFF MAT							●
BASE - VINYL BASE							●
FLOOR FIXTURES							●
PERIMETER WALL FIXTURES							●
SALES AREA REFRIGERATORS							●
CART BUMPER							●
CASH REGISTERS							●
STOCK ROOM / HALLWAY							
REAR EXIT DOOR AND FRAME							●
DOOR HARDWARE AND ADA THRESHOLD							●
PANIC ALARM & PUSH BUTTON/ BUZZER/ VIEWER							●
CEILING - ACOUSTICAL CEILING TILE AND GRID							●
FLOORING - CONCRETE SEALER							●
BASE - VINYL BASE							●
COAT HOOK/ CORK BOARD							●
MICROWAVE/ REFRIGERATOR/ BREAK COUNTER							●
SAFE							● BOLTED TO SLAB BY MILLWORK INSTALLER
STOCK ROOM SHEVING							●
EMPLOYEE LOCKERS							●
MOP SINK UTILITY SHELF							●
TOILET ROOM							
CEILING - ACOUSTICAL CEILING TILE AND GRID							●
FLOORING - VCT							●
BASE - VINYL BASE							●
TOILET ROOM DOOR AND FRAME							●
DOOR HARDWARE							●
ACCESSORIES							●
BLOCKING FOR ACCESSORIES							●

ELECTRICAL	FURNISH BY			INSTALL BY			EXISTING
	LANDLORD	TEENANT	CONTRACTOR	LANDLORD	TEENANT	CONTRACTOR	
ELECTRICAL METER							● G.C. TO CONFIRM METER IS IN GOOD WORKING CONDITION
ELECTRICAL SERVICE CONDUIT & WIRE							●
MAIN PANEL							●
SUB-PANEL							N/A
GENERAL ELECTRICAL WIRING							●
CASHWRAP STUB-UPS							● UNLESS NOTED OTHERWISE - SEE E2
TELE - PULL STRINGS							●
TELEPHONE WIRING / TERMINATIONS							● PROVIDE PULL WIRE
EMERGENCY LIGHTS & EXIT SIGNS							●
LIGHT FIXTURES & LAMPS							●
SOUND SYSTEM							●
ELECTRICAL FEED FOR EXTERIOR SIGNS							● INCLUDE ELEC. DISC. & TIME CLOCK
SECURITY ALARM SYSTEM & WIRING							●
SECURITY ALARM CONDUIT/J-BOX/PULL STRING							● COORDINATE LOCATION WITH SECURITY ALARM VENDOR
MECHANICAL							
MECHANICAL EQUIPMENT: RTUs							● RECENTLY INSTALLED BY LANDLORD
MECHANICAL SUPPLY & RETURN DUCTING							●
MECHANICAL CONTROLS							● THRERMOSTAT W/ CLEAR LOCKABLE COVER
GAS METER							● RECENTLY INSTALLED BY LANDLORD
ROOF FRAMING / STRUCTURAL FOR RTUs							● RECENTLY INSTALLED BY LANDLORD
FIRE ALARM SYSTEMS							● COORDINATE WITH LOCAL AUTHORITIES
SPRINKLER MAIN TO SPACE							N/A
SPRINKLER LINES & HEADS							N/A
PLUMBING							
PLUMBING (WASTE & WATER)							● RECENTLY INSTALLED BY LANDLORD
PLUMBING FIXTURES (WATER CLOSETS/ LAVATORIES/ DRINKING FOUNTAIN/ MOP SINK)							●
EXTENDING PLUMBING LINES TO FIXTURES							●
WATER METER							● RECENTLY INSTALLED BY LANDLORD
HOT WATER HEATER							●
NOTE: CONTRACTOR IS RESPONSIBLE TO SUPPLY AND INSTALL SUB-METER FOR UTILITIES, IF NEEDED.							

NOTE: ALL WORK SPECIFIED AS EXISTING ARE PER LANDLORD'S SHELL DRAWINGS AND ARE UNDER SEPARATE PERMIT.

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REGISTRATION SEAL

PROJECT NO. 130072
 DATE: 12/22/14
 DRAWN BY: DJL
 STORE NUMBER:
 SCALE: AS NOTED
 SALES AREA 2,400 S.F.
 NON SALES 600 S.F.
 GROSS AREA 3,000 S.F.

SHEET TITLE:
RESPONSIBILITY OF WORK + SPECS

theVitamin Shoppe
 123 N. WEBER ROAD
 BOLINGBROOK, IL. 60440

SHEET NO:
T3.0

PROJECT NO.	130072
DATE:	12/22/14
DRAWN BY:	DL
STORE NUMBER:	
SCALE:	AS NOTED

SALES AREA	2,400 S.F.
NON SALES	600 S.F.
GROSS AREA	3,000 S.F.

SHEET TITLE:

**ACCESSIBILITY
 DETAILS**

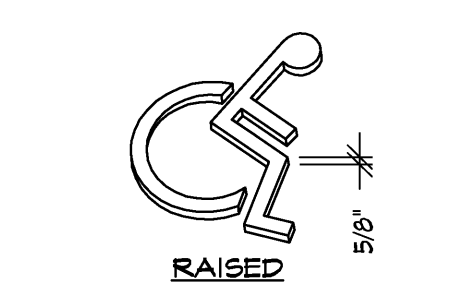
1 WALKS AND SIDEWALKS

- A. WALKS AND SIDEWALKS SHALL HAVE A CONTINUOUS COMMON SURFACE NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/4 INCH, AND SHALL BE A MINIMUM OF 4 FEET IN WIDTH.
- B. SURFACES WITH A SLOPE OF LESS THAN 6 PERCENT GRADIENT SHALL BE AT LEAST AS SLIP RESISTANT AS THAT DESCRIBED AS A MEDIUM SALTERED FINISH.
- C. SURFACES WITH A SLOPE OF 6 PERCENT GRADIENT OR GREATER SHALL BE SLIP-RESISTANT.
- D. SURFACE CROSS SLOPES SHALL NOT EXCEED 1/4 INCH PER FOOT.
- E. WALKS, SIDEWALKS AND PEDESTRIANWAYS SHALL BE FREE OF GRATING WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE PERPENDICULAR TO THE PROMINENT DIRECTION OF TRAVEL, AND A MAXIMUM OF 1/2" IN SIZE.
- F. WHEN THE SLOPE IN THE DIRECTION OF TRAVEL OF ANY WALK EXCEEDS 1 VERTICAL TO 20 HORIZONTAL IT SHALL COMPLY WITH THE PROVISIONS FOR PEDESTRIAN RAMPS.
- G. ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH, WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2 EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL, WHEN CHANGES IN LEVEL GREATER THAN 1/2 INCH ARE NECESSARY COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS.
- H. WALKS SHALL BE PROVIDED WITH A LEVEL AREA NOT LESS THAN 60 INCHES BY 60 INCHES AT A DOOR OR GATE THAT SWINGS TOWARD THE WALK, AND NOT LESS THAN 48 INCHES DEEP THAT A DOOR OR GATE THAT SWINGS AWAY FROM THE WALK, SUCH WALKS SHALL EXTEND 24 INCHES TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
- I. ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES VERTICAL TO BE IDENTIFIED BY CURBS 6 INCHES MIN. IN HEIGHT OR GUARD RAILS TO MARK BLIND PERSONS OF A POTENTIAL DROP OFF. NO CURB REQUIRED IF GUARD IS PROVIDED.
- J. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE MARKING WHICH IS 36 INCHES WIDE, SEE DETECTABLE MARKING TEXTURE DETAIL.

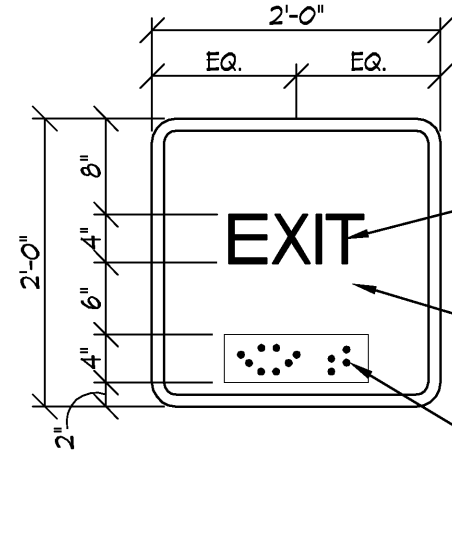
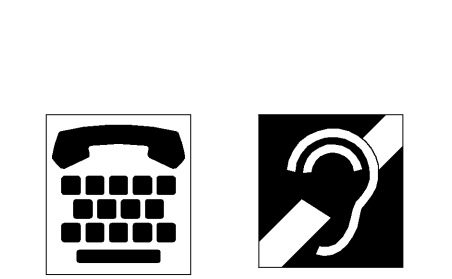
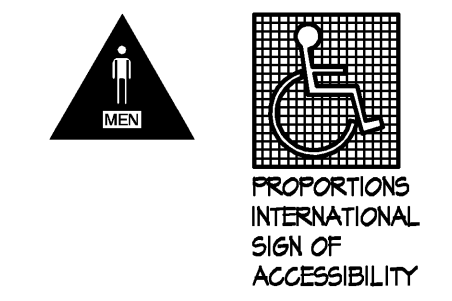
2 TACTILE SIGNAGE



INTERNATIONAL ACCESSIBILITY SYMBOL



RAISED



LETTERS AND NUMBERS:

1. WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1. MEASURED BY THE WIDTH OF AN UPPERCASE 'O' & THE HEIGHT OF AN UPPERCASE 'I'.
2. STROKE WIDTH TO HEIGHT BETWEEN 1:5 AND 1:10. MEASURED BY THE WIDTH OF AN UPPERCASE 'I'.
3. CONTRAST CHARACTERS & SYMBOLS W/ BACKGROUND.
4. Sans serif characters, raised 1/32" off the background. THE HEIGHT OF TACTILE CHARACTERS SHALL BE BETWEEN 5/8" AND 2". CHARACTERS SHALL BE ACCOMPANIED BY GRADE II BRAILLE LOCATED 3/8" MIN. BELOW BOTTOM EDGE OF CHARACTER.

SIGNS / PICTOGRAMS

5. PICTOGRAMS/PICTORIAL SYMBOL SIGNS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM THE BORDER DIMENSION SHALL BE 6" MIN HEIGHT.
6. CHARACTERS & BACKGROUNDS SHALL BE OF NON-GLARE CONTRASTING COLORS.
7. SIGNS/PICTOGRAMS SHALL BE INSTALLED ON THE WALL ADJACENT TO DOOR LATCH SIDE, OR THE RIGHT SIDE OF A DOUBLE DOOR, OR WHERE THERE IS NO WALL SPACE, LEADING TO THE ROOM OR SPACE THEY DESCRIBE. AT 48" MIN. - 60" MAX. AFF TO SIGN CENTERLINE & WHERE A PERSON MAY APPROACH WITHIN 3' OF SIGNAGE WITH AN 18" X 18" CLEAR FLOOR SPACE REQUIRED IN FRONT OF THE TACTILE SIGN, BEYOND THE DOOR SWING.
8. VERTICAL CLEARANCE @ SUSPENDED SIGNS W/ MIN HEADROOM OF 80" REQUIRE MIN 3" CHARACTER HEIGHT MEASURED BY USING UPPERCASE 'X' CHARACTERS & NUMBERS SHALL BE SIZED ACCORDING TO VIEWING DISTANCE FROM WHICH READ. LOWER CASE CHARACTERS PERMITTED.

SIGN LOCATIONS:

9. ALL ACCESSIBLE ENTRANCES IDENTIFIED WITH MINIMUM OF ONE STANDARD SIGN.
10. ADDITIONAL DIRECTIONAL SIGNS ALONG ACCESSIBLE PATH OF TRAVEL ARE REQUIRED.
11. BUILDINGS REMODELED TO PROVIDE ACCESSIBLE SANITARY FACILITIES FOR PUBLIC USE SHALL HAVE INFORMATION POSTED IN THE LOBBY AS PART OF THE BUILDING DIRECTORY.

INTERNATIONAL SYMBOL OF ACCESSIBILITY:

12. STANDARD USED TO IDENTIFY ACCESSIBLE FACILITIES.
13. WHITE FIGURE ON BLUE BACKGROUND, COLOR #5040 ON FEDERAL STANDARD # 595A.
14. WHEN ENFORCING AGENCY DETERMINES, IF APPROPRIATE, SPECIAL DESIGNS AND COLORS MAY BE APPROVED.

BRAILLE:

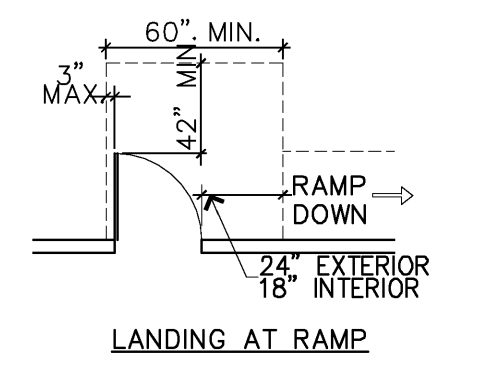
15. USE CONTRASTED GRADE 2 BRAILLE DOTS TO BE 01 INCH ON CENTER IN EACH CELL.
16. .02 INCH SPACE BETWEEN CELLS.
17. DOTS RAISED MIN .0025 INCH ABOVE BACKGROUND.

EXIT SIGNS

18. EACH GRADE-LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE SIGN WITH THE WORD, 'EXIT'.
19. EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS, 'TO EXIT'.
20. SIGNS/PICTOGRAMS SHALL BE INSTALLED ON THE WALL ADJACENT TO DOOR LATCH SIDE, OR THE RIGHT SIDE OF A DOUBLE DOOR, OR WHERE THERE IS NO WALL SPACE, LEADING TO THE ROOM OR SPACE THEY DESCRIBE. AT 48" MIN. - 60" MAX. AFF TO SIGN CENTERLINE & WHERE A PERSON MAY APPROACH WITHIN 3' OF SIGNAGE WITH AN 18" X 18" CLEAR FLOOR SPACE REQUIRED IN FRONT OF THE TACTILE SIGN, BEYOND THE DOOR SWING.
21. EXIT SIGN SHALL BE ANSI APPROVED E.S. PLASTIC NEMA RATED SELF EXTINGUISHING ADHESIVE MOUNTED.

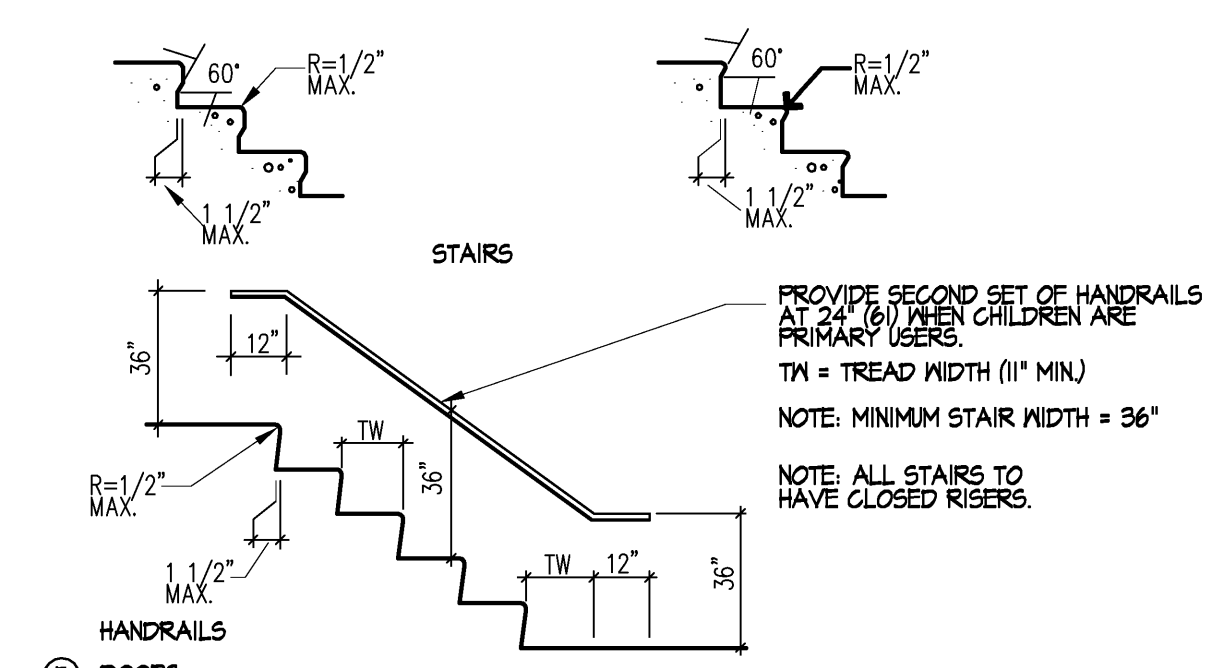
3 RAMP

- A. ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1:20 (1:12 MAXIMUM)
- B. 1:12 SLOPED RAMPS WITH LENGTH GREATER THAN 12" SHALL HAVE HANDRAILS ON BOTH SIDES.
- C. THE TOP LANDINGS ON A RAMP MUST BE AT LEAST 60 INCHES IN DEPTH.
- D. IF A DOOR SWINGS ONTO A TOP LANDING, THE MIN. LANDING DIMENSION SHALL BE NOT LESS THAN 42 INCHES CLEAR PLUS THE WIDTH OF THE DOOR.
- E. THE TOP LANDINGS SHALL HAVE A WIDTH NOT LESS THAN ITS DEPTH.
- F. THE TOP LANDINGS SHALL EXTEND NOT LESS THAN 24 INCHES BEYOND THE STRIKE SIDE OF THE DOOR AT EXTERIOR RAMPS AND 18-INCHES AT INTERIOR RAMPS.
- G. THE BOTTOM LANDINGS SHALL BE NOT LESS THAN 60 INCHES DEEP
- H. INTERMEDIATE LANDINGS SHALL BE PROVIDED AT TURNS AND WHENEVER THE CHANGE IN LEVEL EXCEEDS 30 INCHES.
- I. INTERMEDIATE LANDINGS ON RAMPS SHALL HAVE A DEPTH OF NOT LESS THAN 5'-0", WHERE A CHANGE IN RAMP DIRECTION OCCURS, A MINIMUM 12" BY 12" LANDING SHALL BE PROVIDED.
- J. RAMPS SHALL BE NOT LESS THAN 4'-0" WIDE. RAMPS SERVING A PRIMARY ENTRANCE FOR AN OCCUPANT LOAD OF 300 OR MORE PEOPLE SHALL BE NOT LESS THAN 5'-0" WIDE.
- K. HANDRAILS SHALL BE PLACED ON EACH SIDE OF EACH RAMP AND SHALL BE CONTINUOUS THE FULL LENGTH OF THE RAMP, HANDRAILS SHALL BE 34 TO 38 INCHES ABOVE THE RAMP SURFACE AND EXTEND A MINIMUM OF 1 FOOT BEYOND THE TOP AND BOTTOM OF THE RAMP.
- L. SURFACES OF RAMPS SHALL BE SLIP-RESISTANT.
- M. RAMPS & LANDINGS WITH DROP OFFS SHALL HAVE CURBS, WALLS, RAILING OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURB SHALL BE A MIN. 2" IN HEIGHT. MAXIMUM ELEVATION CHANGE BETWEEN LANDINGS IS 30"



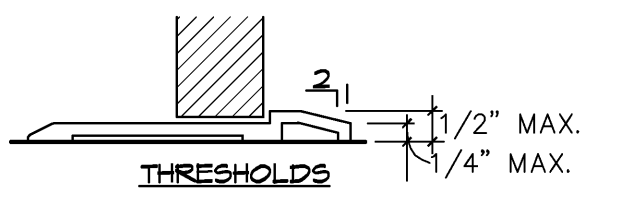
4 STAIRS

- A. STAIRWAYS SHALL HAVE HANDRAILS ON EACH SIDE. HANDRAILS MUST BE 1 1/4 INCHES TO 2 INCHES IN CROSS SECTIONAL DIMENSION AND 1 1/2 INCHES CLEAR FROM THE WALL. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8 INCH. HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.
- B. EXTERIOR STAIRS: CAST IRON (NON-SKID) STAIR NOSINGS MIN. 2" WIDE CONTRASTING COLOR STRIPE AT UPPER APPROACH AND AT EVERY TREAD.
- C. INTERIOR STAIRS: MINIMUM 2 INCH WIDE CONTRASTING COLOR STRIPE AT UPPER APPROACH AND LOWER TREAD OF EACH FLIGHT OF STAIRS TO BE LOCATED 1 INCH FROM NOSING. STRIPE TO BE AS SLIP-RESISTANT AS STAIR TREADS.

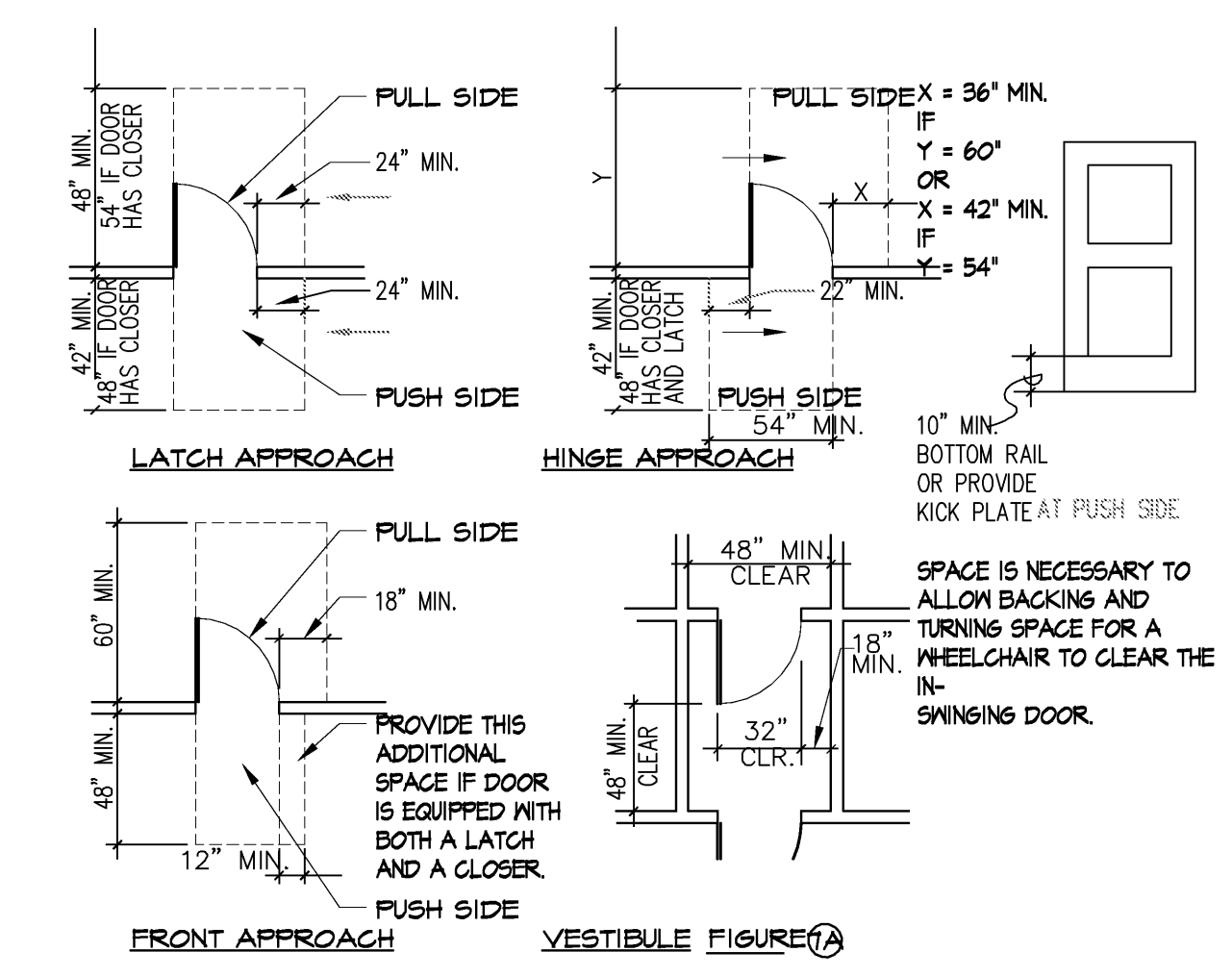


5 DOORS

- A. LATCHES AND LOCKSETS: PROVIDE LEVER TYPE, PUSH- PULL OR PANIC TYPE HARDWARE 34 INCHES TO 48 INCHES ABOVE FLOOR.
- B. ADJUSTABLE CLOSURE PROVIDED WITH MAXIMUM PRESSURE FOR OPENING DOORS AS FOLLOWS:
 INTERIOR DOORS - 5 POUNDS PRESSURE
 EXTERIOR DOORS - 8.5 POUNDS PRESSURE
 FIRE DOORS - PER ADMINISTRATIVE AUTHORITY
 DOOR CLOSURES TO BE ADJUSTED TO CLOSE FROM AN OPEN POSITION OF 90 DEG IN NOT LESS THAN 5 SECONDS TO A POINT 12" FROM LATCH.
 ADJUST CLOSURES AFTER INSTALLATION AND TEST DOOR COMPLIANCE.
- C. FLOOR LEVEL AT DOORS
 THRESHOLDS: THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2 INCH LOWER THAN THE THRESHOLD OF THE DOOR WAY. CHANGE IN LEVEL BETWEEN 1/4 INCH AND 1/2 INCH SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2. (SEE BELOW.)



LEVEL FLOOR OR LANDING: THERE SHALL BE A LEVEL AND CLEAR AREA ON EACH SIDE OF AN EXIT DOOR. THE LEVEL AREAS SHALL BE AS SHOWN BELOW IN FIGURE 1A. THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS (VESTIBULE) SHALL PROVIDE 48 INCHES OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH SPACE (SEE BELOW).

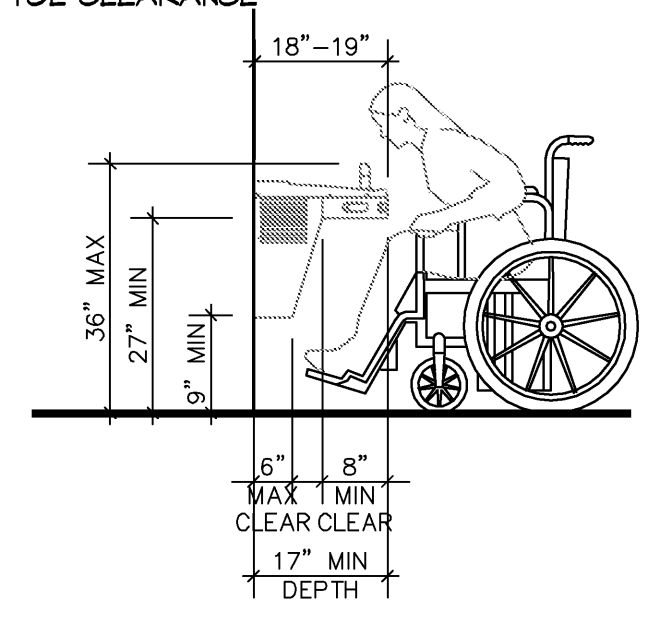


D. DOOR WIDTH & HEIGHT: 3 FEET WIDE AND 6 FEET 8 INCHES HIGH. CLEAR WIDTH 32 INCHES MINIMUM WITH DOOR OPEN 90 DEG. MEASURED FROM THE FACE OF THE DOOR TO THE OPPOSITE STOP.

E. THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

6 PROTRUDING OBJECTS KNEE AND TOE CLEARANCE

- A. PROJECTIONS FROM WALLS WITH LEADING EDGE BETWEEN 27" AND 80" ABOVE FLOOR MAY PROJECT 4" MAXIMUM. LEADING EDGE AT OR BELOW 27" MAY PROJECT ANY AMOUNT. FREE STANDING PROJECTIONS WITH LEADING EDGE BETWEEN 27" AND 80" ABOVE FLOOR MAY PROJECT 12" MAX. PROJECTIONS MAY NOT REDUCE MANEUVERING SPACE, OR CLEAR WIDTH OF AN ACCESSIBLE ROUTE.
- B. HEAD ROOM: 80" MINIMUM.



7 ELECTRICAL

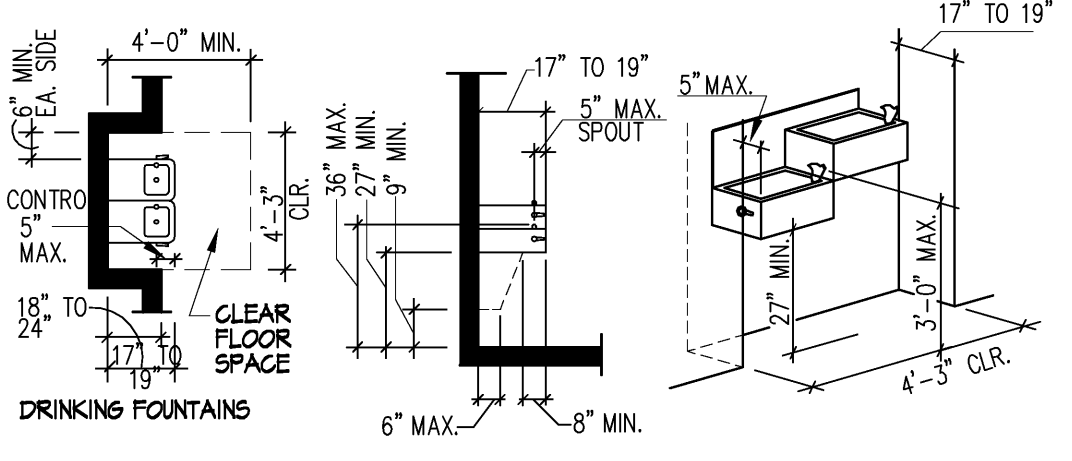
- A. ELECTRICAL RECEPTACLES (15, 20 AND 30 AMPS) SHALL BE AT LEAST 15 INCHES ABOVE THE FLOOR.
- B. SWITCHES AND CONTROLS FOR LIGHTS, APPLIANCES, COOLING, HEATING AND VENTILATING EQUIPMENT SHALL BE NOT LESS THAN 3 FEET NOR MORE THAN 4 FEET ABOVE THE FLOOR.
- C. FIRE ALARM INITIATING DEVICES SHALL BE 48 INCHES MAX ABOVE THE FLOOR, GROUND OR SIDEWALK.

8 PUBLIC TELEPHONES

- A. A CLEAR FLOOR OR GROUND SPACE AT LEAST 30 INCHES IN BY 48 INCHES THAT ALLOYS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT TELEPHONES, BAGES, ENCLOSURES, AND FIXED SEATS SHALL NOT IMPEDE APPROACHES BY PEOPLE WHO USE WHEELCHAIRS.
- B. THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE NO HIGHER THAN 48 INCHES ABOVE FINISH FLOOR.

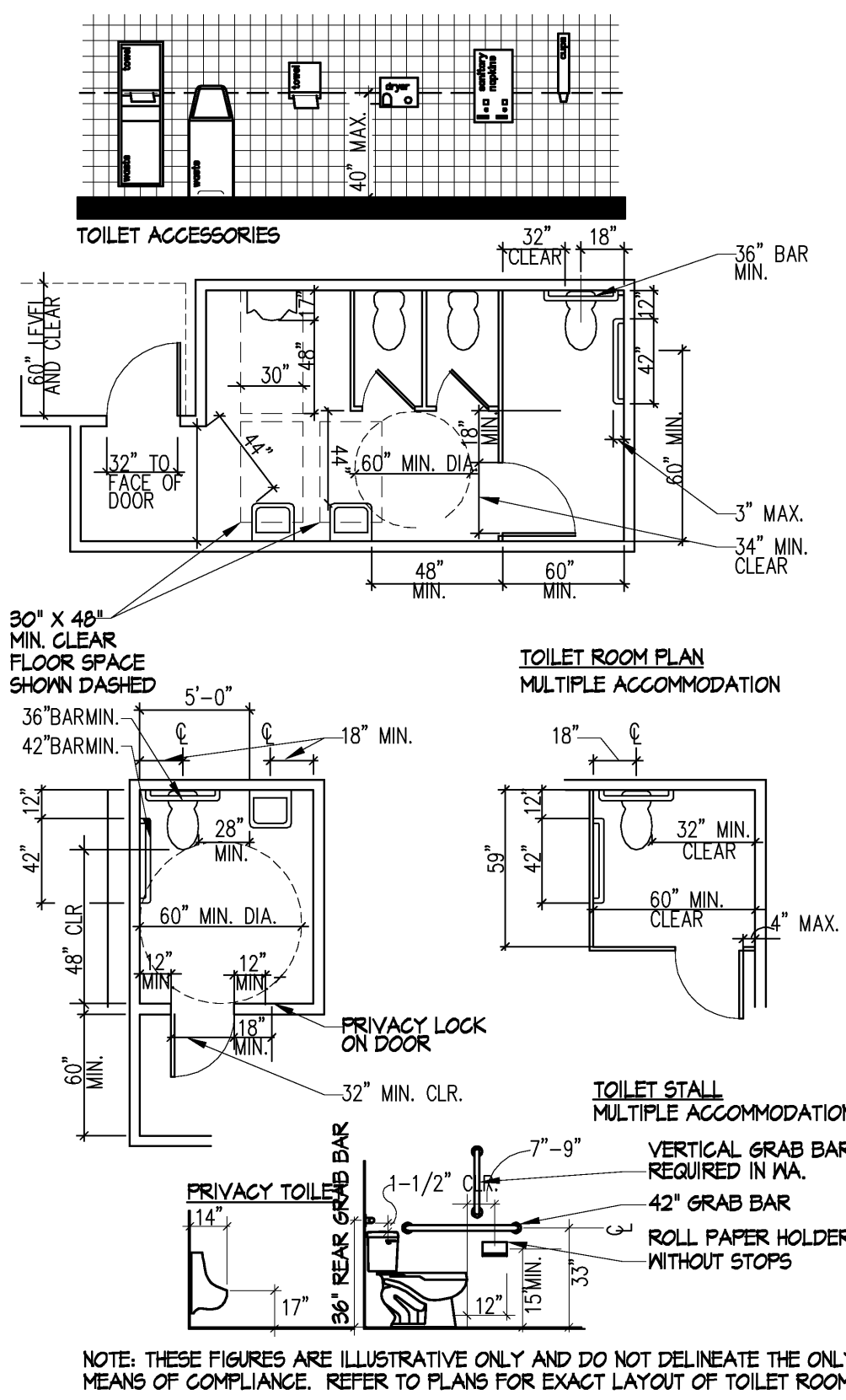
9 DRINKING FOUNTAINS

- A. PROVIDE HI-LOW DRINKING FOUNTAIN, 17 INCHES TO 14 INCHES IN DEPTH WITH CLEAR KNEE SPACE BETWEEN BOTTOM OF APRON AND FLOOR NOT LESS THAN 21 INCHES HIGH, 30 INCHES WIDE AND PROJECTING 6 INCHES UNDER FRONT EDGE OF FOUNTAIN.
- B. SPOUT OUTLET FOR LOWER FOUNTAIN TO BE 36 INCHES MAXIMUM ABOVE FLOOR. SPOUT OUTLET FOR UPPER FOUNTAIN TO BE BETWEEN 58 INCHES AND 43 INCHES ABOVE FLOOR.
- C. BUBBLER TO BE ACTIVATED BY A HAND OPERATED LEVER LOCATED WITHIN 6 INCHES OF THE FRONT OF THE FOUNTAIN OR BY A PUSH BAR ALONG THE FRONT OF THE FOUNTAIN.
- D. BUBBLER TO PROVIDE A FLOW OF WATER 4 INCHES HIGH AND BE LOCATED 5 INCHES MAXIMUM FROM FRONT OF UNIT.

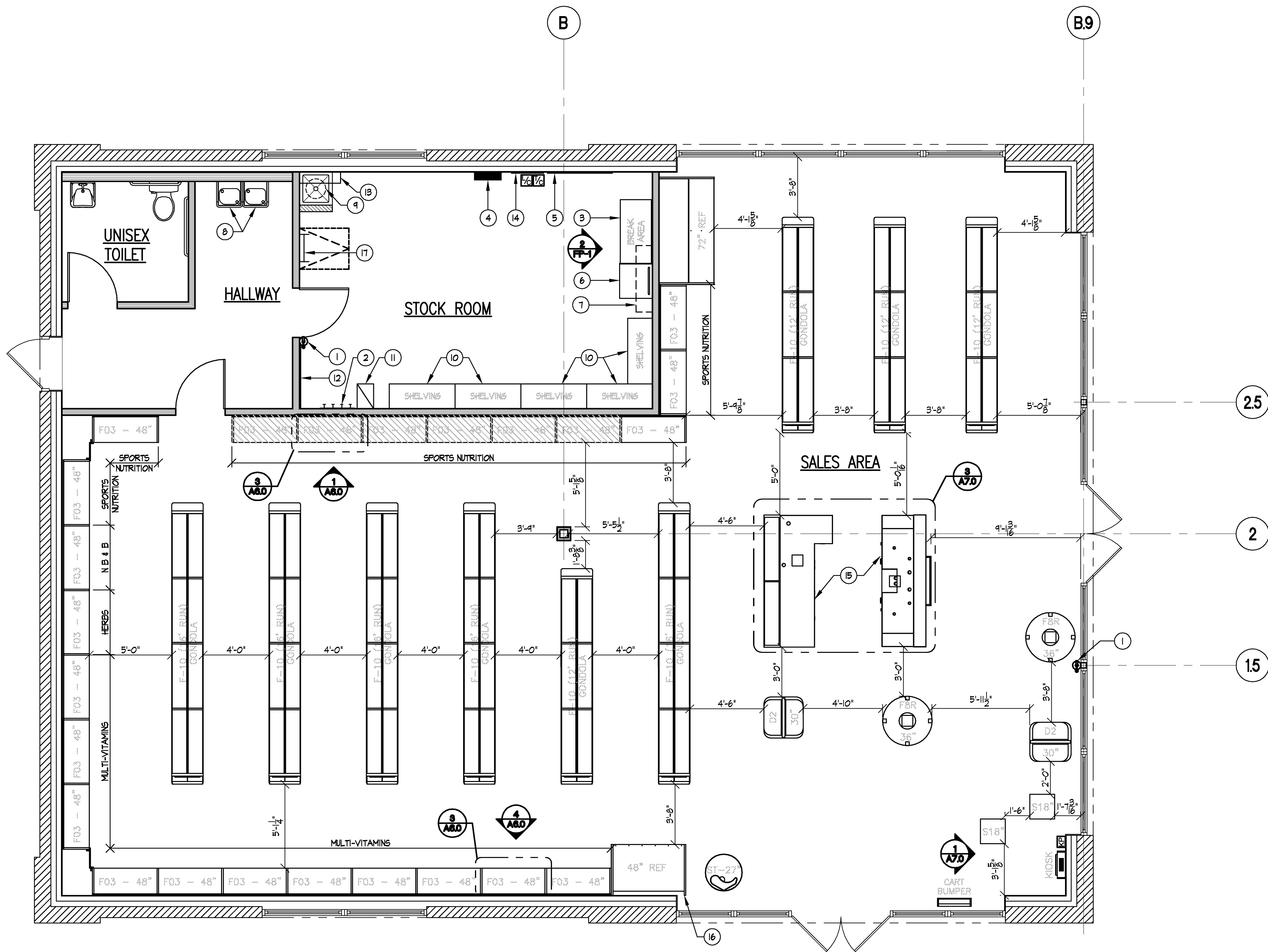


10 SANITARY FACILITIES

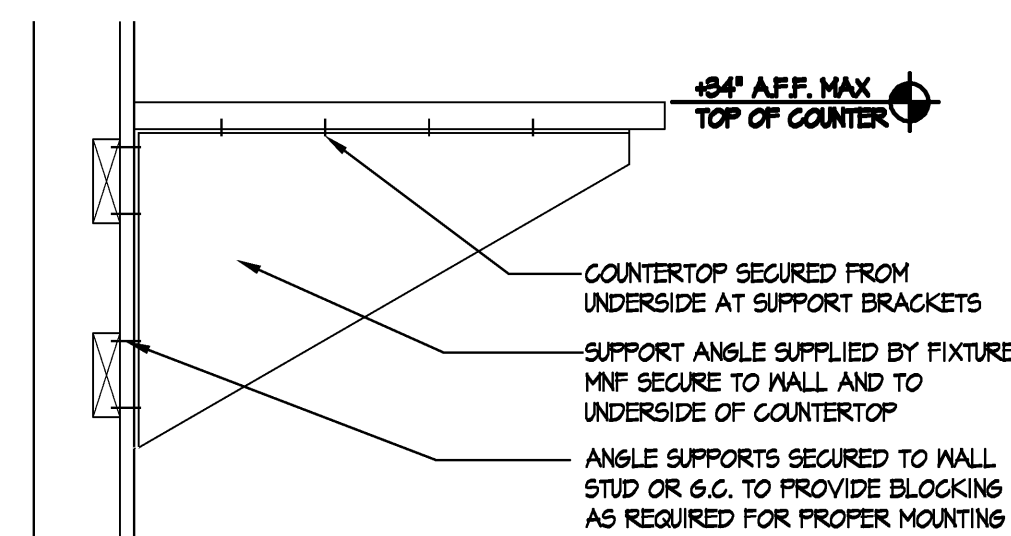
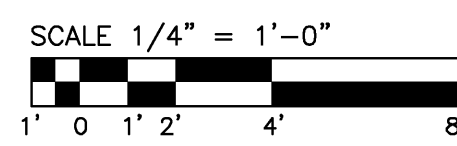
- B. ACCESSIBLE COMPARTMENT DOORS SHALL BE EQUIPPED WITH AN AUTOMATIC CLOSING DEVICE. THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE LATCH. THE LATCH SHALL BE FLIP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING THE USER TO GRASP OR TWIST.
- C. WATER CLOSET: FLUSH CONTROLS ARE TO BE OPERABLE BY AN OSCILLATING HANDLE WITH A MINIMUM OPERATING FORCE OF 5 LBF OR BY A LOW VOLTAGE BUTTON. THE HANDLE OR BUTTON IS TO BE LOCATED ON THE WIDE SIDE SO AS TO BE OPERABLE WITHOUT REQUIRING EXCESSIVE BODY MOVEMENT.
- D. URINALS: PROVIDE ALL WALL HUNG URINALS WITH ELONGATED RIM. FLUSH CONTROLS ARE TO BE HAND OPERATED AND ARE TO MEET THE SAME REQUIREMENTS AS THE FLUSH CONTROLS FOR THE WATER CLOSET AND ARE TO BE A MAXIMUM OF 44 INCHES ABOVE THE FLOOR. RIM ELEVATION TO BE 17 INCHES MAX AFF. AND PROJECT A MINIMUM OF 13 1/2 INCHES FROM FACE OF WALL.
- E. LAVATORY: TO BE MOUNTED WITH RIM NO HIGHER THAN 34 INCHES ABOVE FINISH FLOOR. PROVIDE A CLEARANCE OF AT LEAST 21 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES WIDE, TO 8 INCHES MINIMUM DEPTH AT THE TOP. PROVIDE FOR CLEAR FLOOR SPACE 30 INCHES WIDE X 48 INCHES DEEP, TO 4 INCHES ABOVE THE FLOOR EXTENDING 14 INCHES MAX UNDER FRONT OF LAVATORY. INSULATE SUPPLY AND DRAIN PIPES UNDER LAVATORIES. NO SHARP OR ABRASIVE SURFACES ARE ALLOWED UNDER LAVATORIES. FAUCET CONTROLS TO BE OPERABLE WITH ONE HAND AND NOT REQUIRE GRASPING, PUNCHING, OR TWISTING OF THE WRIST. THE FORCE NECESSARY TO OPERATE CONTROLS IS NOT TO EXCEED 5 LBF.
- F. ACCESSORIES: WHERE TOWEL, SANITARY NAPKIN AND WASTE RECEPTACLES AND SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE IS TO BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40 INCHES FROM THE FLOOR. MOUNT MIRRORS WITH THE BOTTOM EDGE OF THE REFLECTIVE SURFACE NO MORE THAN 40 INCHES FROM THE FLOOR WHEN OVER A LAVATORY OR COUNTER. MIRRORS NOT LOCATED ABOVE LAVATORIES OR COUNTERS SHALL BE MOUNTED NO MORE THAN 20" FROM THE FLOOR. LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITH THE CENTER OF THE DISPENSER 7' TO 9' MAX. FROM THE FRONT EDGE OF THE TOILET SEAT.
- G. THE STRUCTURAL STRENGTH OF GRAB BARS, FASTENERS, AND MOUNTING DEVICES SHALL MEET THE SPECIFICATIONS OF THE AMERICANS WITH DISABILITIES ACT.
- H. SINGLE ACCOMMODATION: A CLEAR FLOOR SPACE OF AT LEAST 60 INCHES IN DIAMETER IS REQUIRED FOR SINGLE ACCOMMODATION TOILET ROOMS.



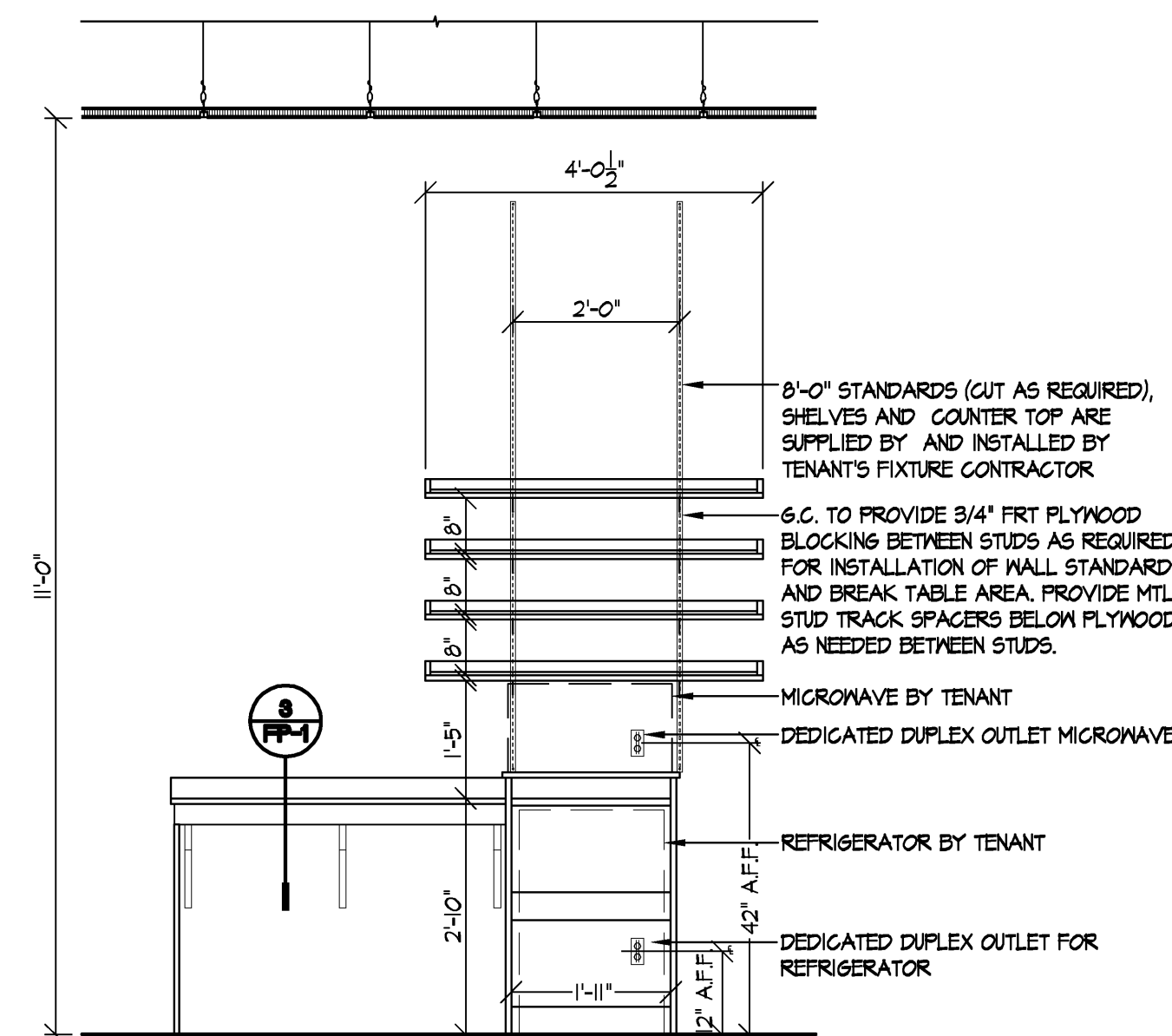
NOTE: THESE FIGURES ARE ILLUSTRATIVE ONLY AND DO NOT DELINEATE THE ONLY MEANS OF COMPLIANCE. REFER TO PLANS FOR EXACT LAYOUT OF TOILET ROOMS.



1 **FIXTURE PLAN**
SCALE: 1/4" = 1'-0"



3 **BREAK TABLE DETAIL**
SCALE: 1-1/2" = 1'-0"



2 **ELEVATION • BREAK TABLE**
SCALE: 1/2" = 1'-0"

FIXTURE CALCS			
CH	No Upper	10'-10"	TOTAL
Natural Bath & Beauty			
Per 48" Unit	35	0	
# of Units	1		35
Multivitamins			
Per 48" Unit	35	0	
# of Units	11		385
Herbs/Homeopathy			
Per 48" Unit	35	0	
# of Units	1		35
Sports Nutrition			
Per 48" Unit	22	29.67	
# of Units	5	6	288.02
Misc Fixtures			
Fixture Type	LF	# of Units	LF Total
Gondola 4'	46.00		0
Gondola 8'	92.00		0
Gondola 12'	138.00	4	552
Gondola 16'	184.00	5	920
Box Bars	152.00		0
Loose Bars	72.00	1	72
Boxed Drinks	36.00		0
Cash Wrap	36.16	1	36.16
Lib 24"	15.10		0
Lib 36"	22.60		0
Lib 48"	30.10		0
4' Cooler	19.42	1	19.42
6' Cooler	29.50	1	29.5
			1629.08
Total LnFt			2372.1

- FIXTURE PLAN KEY NOTES**
- FIRE EXTINGUISHER - LOCATION & QUANTITY PER FIRE DEPARTMENT.
 - COAT HOOK.
 - BREAK TABLE - SEE DETAIL 2/FP-1
 - ELECTRICAL PANEL. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
 - 4'X8' PHONE BOARD. SEE ELECTRICAL SHEETS FOR MORE INFORMATION.
 - BREAK AREA REFRIGERATOR
 - UPPER STOCK ROOM SHELVING. SEE DETAIL 2/FP-1
 - H/LOW DRINKING FOUNTAIN.
 - MOP SINK WITH WATER HEATER ABOVE
 - STOCK SHELF
 - EMPLOYEE LOCKER
 - BULLETIN BOARD
 - MOP SINK UTILITY SHELF.
 - 2'X4' MEDIA BOARD. SEE ELECTRICAL SHEETS FOR MORE INFORMATION.
 - 8'-0" CASH WRAP. POWER TO BE TREACHED. SEE ELECTRICAL SHEETS FOR MORE INFORMATION.
 - FIXTURE VENDOR TO SUPPLY FINISHED BACK TO REFRIGERATOR.
 - EXISTING ROOF ACCESS LADDER TO REMAIN.

- FIXTURE PLAN NOTES**
- PERIMETER FIXTURE HEIGHT, 10'-10" A.F.F. INDICATES LOCATION OF FIXTURE WITH UPPER CABINET. CONFIRM LOCATION WITH V.S.I. PROJECT MANAGER FOR EACH PROJECT.
 - PERIMETER FIXTURE HEIGHT, 7'-6" A.F.F. INDICATES LOCATION OF UPPER GRAPHICS. CONFIRM LOCATION WITH V.S.I. PROJECT MANAGER FOR EACH PROJECT.
- VERIFY FINAL FIXTURE PLAN AND FIELD MEASUREMENT WITH TENANT FIXTURE VENDOR PRIOR TO COMMENCING WORK.
 - G.C. TO REFER TO FINAL FIXTURE PLAN SUPPLIED BY THE FIXTURE CONTRACTOR FOR FINAL LOCATION OF FIXTURES AND ALL REQUIRED COMPONENTS TO BE INSTALLED. FIXTURES SHOWN ON THIS PLAN ARE REPRESENTATIVE ONLY.

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REGISTRATION SEAL

REVISIONS:

PROJECT NO. 130072
DATE: 12/22/14
DRAWN BY: DLI
STORE NUMBER:
SCALE: AS NOTED

SALES AREA 2,400 S.F.
NON SALES 600 S.F.
GROSS AREA 3,000 S.F.

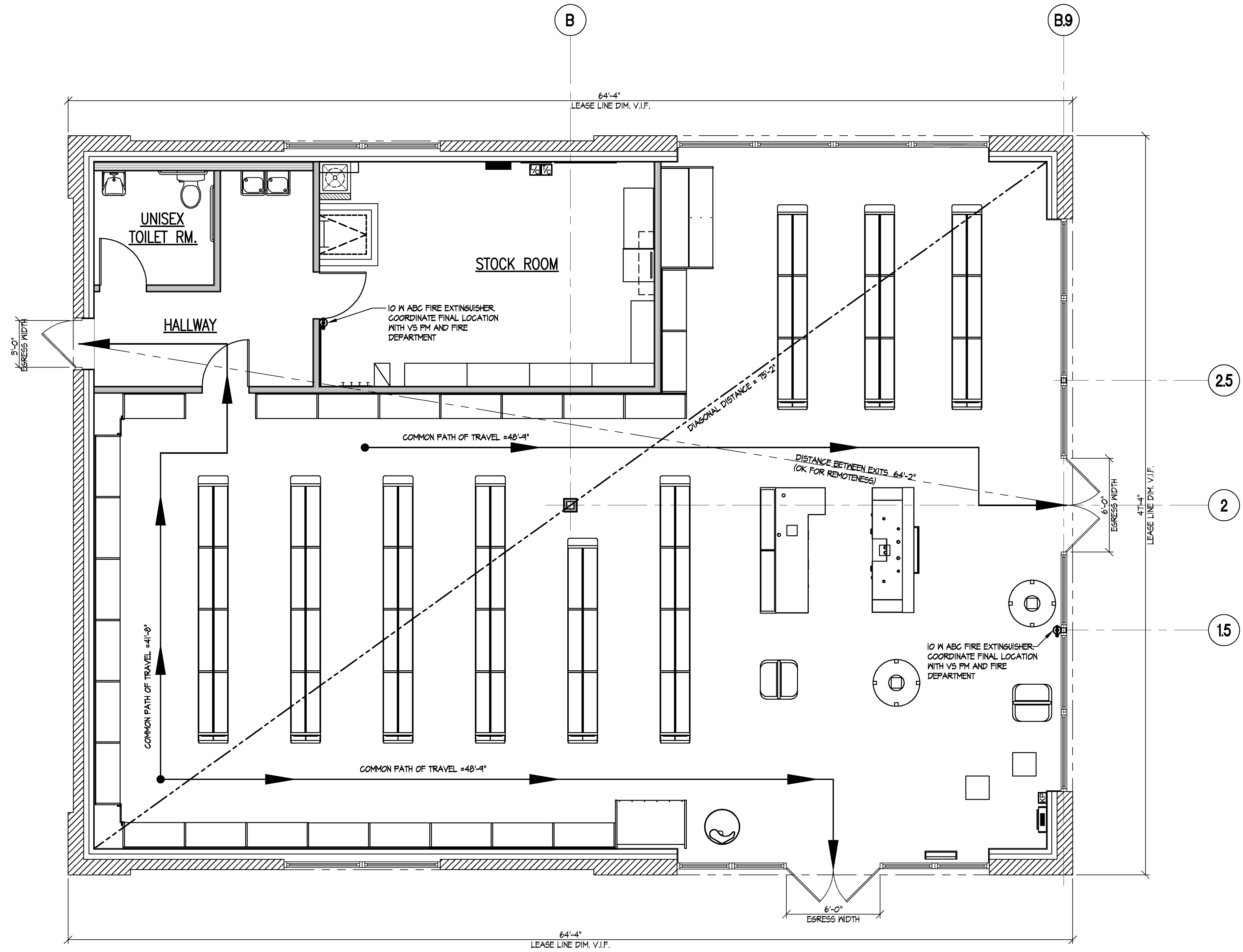
SHEET TITLE:

**FIXTURE PLAN
+ NOTES**

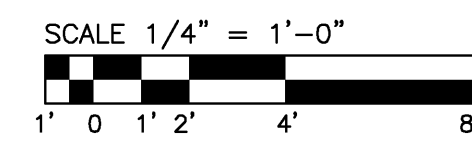
theVitamin Shoppe
123 N. WIEBER ROAD
BOLINGBROOK, IL. 60440

SHEET NO:

FP-1



1 LIFE SAFETY PLAN
SCALE: 1/4" = 1'-0"



REGISTRATION SEAL

REVISIONS:

PROJECT NO.	130072
DATE:	12/22/14
DRAWN BY:	DLI
STORE NUMBER:	
SCALE:	AS NOTED

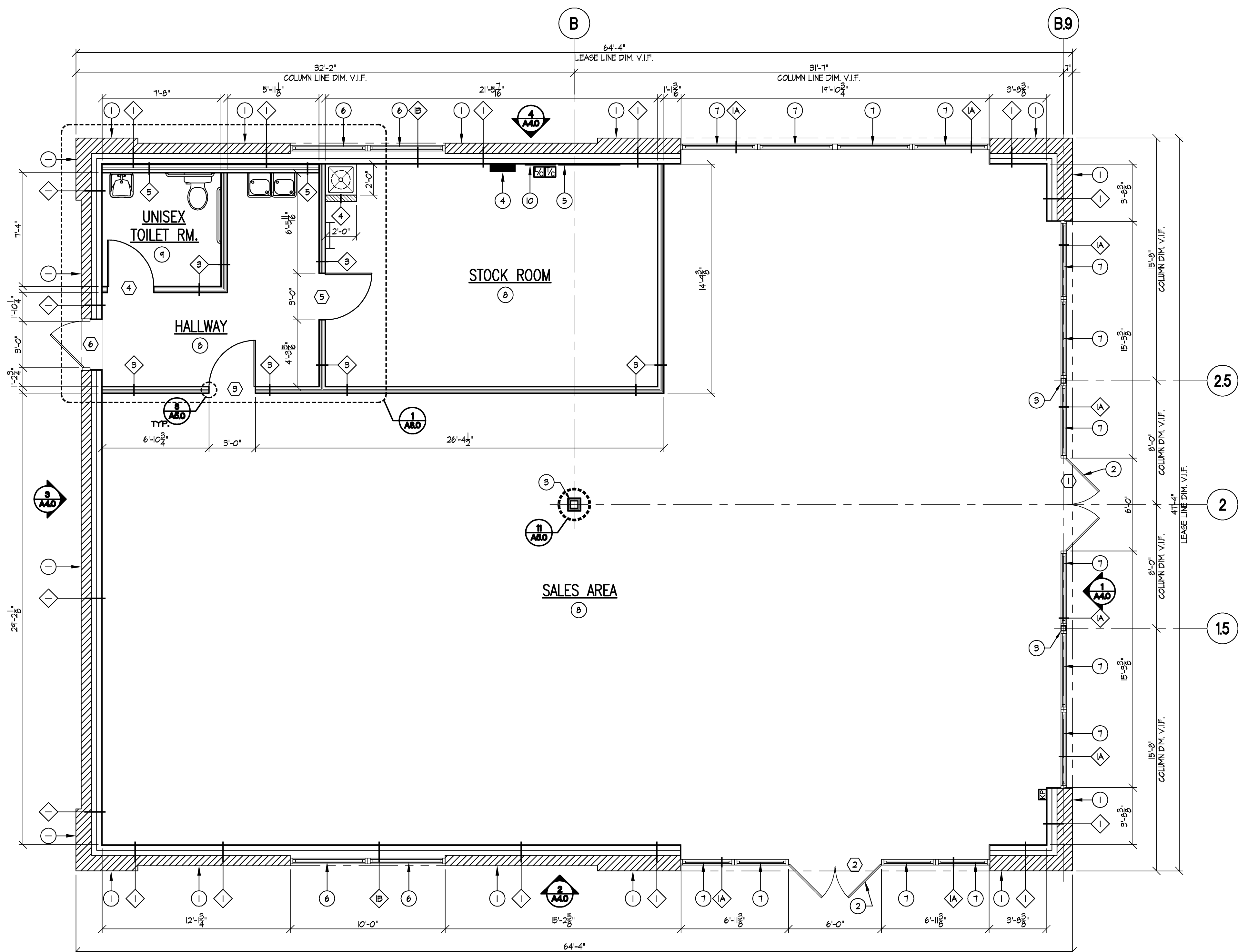
SALES AREA	2,400 S.F.
NON SALES	600 S.F.
GROSS AREA	3,000 S.F.

SHEET TITLE:

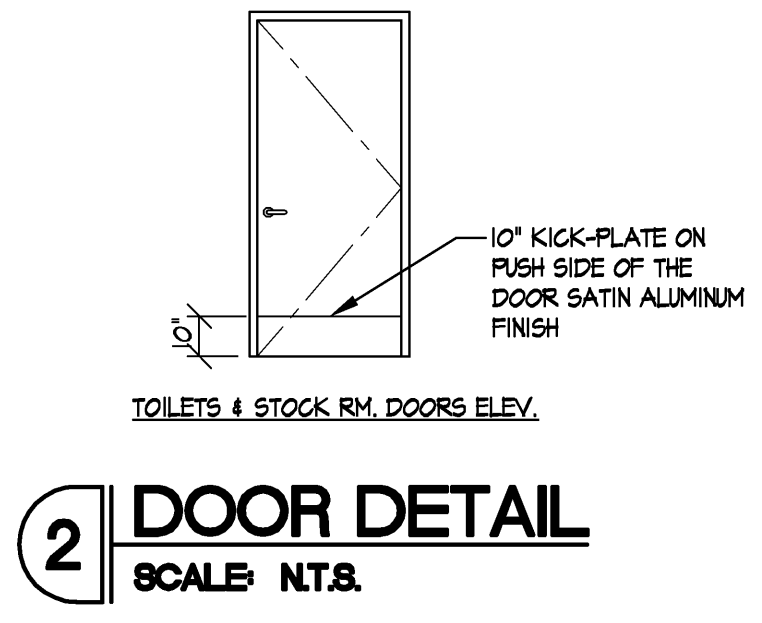
LIFE SAFETY PLAN

SHEET NO:

A0.0



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



DOOR SCHEDULE								
NO.	LOCATION	SIZE	HINGES	HARDWARE	DOOR MATERIAL	FRAME MATERIAL	FINISHES	REMARKS
1	STOREFRONT	(2) 3'-0" X 7'-0" EXISTING ENTRY DOORS	MANUFACT.	1	EXIST.	EXIST.	NA	SEE DOOR NOTE #4, 8, 10
2	STOREFRONT	(2) 3'-0" X 7'-0" EXISTING ENTRY DOORS	MANUFACT.	1	EXIST.	EXIST.	NA	SEE DOOR NOTE #4, 8, 10
3	SALES AREA/HALLWAY	(1) 3'-0" X 7'-0"	I-1/2 PR.	2	1 3/4" S.C. WD.	H.M.	P-4 SALES AREA SIDE P-1 HALLWAY SIDE	SEE DOOR NOTE #1, 2, 3, 7, 8
4	TOILET ROOM	(1) 3'-0" X 7'-0"	I-1/2 PR.	3	1 3/4" S.C. WD.	H.M.	P-1 BOTH SIDES	SEE DOOR NOTE #1, 2, 3, 7, 8
5	STOCK ROOM	(1) 3'-0" X 7'-0"	I-1/2 PR.	2	1 3/4" S.C. WD.	H.M.	P-1 BOTH SIDES	SEE DOOR NOTE #1, 2, 3, 7, 8
6	REAR EXIT	(1) 3'-0" X 7'-0" EXISTING EGRESS DOOR	MANUFACT.	4	EXIST.	EXIST.	P-1 ON INTERIOR SIDE MATCH EXTERIOR COLOR ON EXTERIOR SIDE	SEE DOOR NOTE #3, 4, 5

DOOR HARDWARE			
HARDWARE SET #1	1 CYLINDER	ADAMS RITE #4084 EXIT INDICATOR W/ INT. CYLINDER	
	2 CLOSER	NORTON 8000 SERIES	
	2 PUSH/PULL	HAGAR ALUM. PUSH/PULL FINISH TO MATCH EXISTING	
	1 THRESHOLD	NSP #325 HALF-SADDLE MILL ALUM.	
NOTE: REPAIR/REPLACE ALL HARDWARE AS REQUIRED FOR LIKE-NEW OPERATING CONDITION.			
HARDWARE SET #2	3 HINGES	HAGAR 12714 4.5X4.5 652 US26D	
	1 LATCHSET	SCHLAGE MD05 R40 626 PASSAGE F15	
	1 CLOSER	NORTON 8501 X SN 684 CLOSER GA 2084T1	
	1 KICK PLATE	HAGAR 1905 10X34 630 KICK PLATE	
	1 DOOR STOP	HAGAR 24F 626 DOME STOP UNIVERSAL	
	1 DOOR HOLDER	HAGAR KICK DOWN DOOR HOLDER 270C 2-1/4" MAX. DOOR TO FLOOR CLEARANCE	
	1 TRANSITION	JOHNSONITE #CRS-XX-B, VINYL, COLOR: #20 CHARCOAL	
HARDWARE SET #3	3 HINGES	HAGAR 12714 4.5X4.5 652 HINGE US26D	
	1 LATCHSET	SCHLAGE ND 405 R40 626 PRIVACY F16	
	1 CLOSER	NORTON 8501 X SN 684 CLOSER GA 2084T1	
	1 KICK PLATE	HAGAR 1905 10X34 630 KICK PLATE	
	1 DOOR STOP	HAGAR 24F 626 DOME STOP UNIVERSAL	
	1 DOOR HOLDER	HAGAR KICK DOWN DOOR HOLDER 270C 2-1/4" MAX. DOOR TO FLOOR CLEARANCE	
	1 TRANSITION	JOHNSONITE #CTA-XX-K, VINYL, COLOR: #20 CHARCOAL	
HARDWARE SET #4	1 CLOSER	NORTON 8501 WITH HOLD-OPEN	
	1 EXIT DEVICE	DETEX V40XEB 628 36" ALARMED PANIC	
	1 CYLINDER	DETEX M685 626 MORTISE CYLINDER	
	1 VIEWER	180 DEGREE UL LISTED (HOLLOW METAL DOOR)	
	1 THRESHOLD	NSP #325 HALF-SADDLE MILL ALUM.	
	1 HEATHERSTRIPPING	HAGAR (HEAD 4 JAMBS)	

- DOOR NOTES**
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY LABOR, PARTS, AND SUPPORT PRODUCTS FOR A COMPLETE DOOR INSTALLATION. ALL DOOR HANDLE HARDWARE SHALL BE ADA ACCESSIBLE LEVER TYPE (SCHLAGE "RHODES" STYLE OR EQUAL WITH 626 SATIN CHROME PLATED FINISH). DOOR HARDWARE INCLUDING DOOR CLOSERS SHALL MEET ADA REQUIREMENTS.
 - DOOR FRAME IN STEEL STUD FRAMING SHALL BE LINED ON SIDES AND HEAD WITH FR 2'X4" STUDS. BRACE TO STRUCTURE ABOVE.
 - DOOR TO RECEIVE SILENCER AND KICK-PLATE ON THE PUSH SIDE.
 - EXIT DOOR SHALL BE OPERABLE WITHOUT USE OF KEYS, SPECIAL KNOWLEDGE OR EFFORT.
 - REAR DOOR WITH SIREN LOCK ALARM MODEL 250 BY ALARM NON-REMOVABLE PINS ON HINGE AND NO VISIBLE HARDWARE OUTSIDE. FOR HOLLOW METAL DOOR AND FRAME APPLICATION.
 - ALL DOORS SHALL HAVE A MIN. CLEAR OPENING WIDTH OF 32".
 - DOOR LATCH SHALL BE EQUIPPED WITH LEVER-TYPE HANDLE OR PANIC BAR. DOOR OPENING HARDWARE SHALL BE MOUNTED BETWEEN 30" OR 44" ABOVE FINISH FLOOR.
 - FLOOR AREAS AT EACH SIDE OF ALL DOORS SHALL BE CLEAR AND LEVEL. MAXIMUM THRESHOLD HEIGHTS SHALL BE 1/2". THRESHOLD SILL PLATE @ ENTRY DOOR TO BE COMPATIBLE WITH PORCELAIN TILE INSTALLATION AND HAVE A NON-TAPERED EDGE ON INTERIOR SIDE TO ACCEPT FLUSH PORCELAIN TILE EDGE.
 - ALL CYLINDERS ON ALL EXISTING DOORS (W/ EXISTING HARDWARE) TO BE CHANGED PER VSI PROJECT MANAGER.
 - PROVIDE ADAMS RITE #4084 EXIT INDICATOR WITH KEYED CYLINDER ON INTERIOR SIDE. PROVIDE HEADER SIGN WITH "I" LETTERS ON CONTRASTING BACKGROUND SIGN STATING "THIS DOOR TO REMAIN UNLOCKED WHEN SPACE IS OCCUPIED".

GENERAL NOTES

ALL MATERIALS USED IN CONSTRUCTION SHALL BE NEW AND OF FIRST CLASS QUALITY.

ALL GYPSUM WALLBOARD USED IN CONSTRUCTION SHALL BE INSTALLED WITH ALL CORNER BEAD TRIMS, ACCESSORIES AND MOLDINGS ECT. AS REQUIRED FOR COMPLETION. TAPED AND SANDED READY FOR PAINT BY DRYWALL CONTRACTOR.

ALL DIMENSIONS ARE FROM FINISH FACE TO FINISH FACE OF ALL NEW MATERIAL UNLESS OTHERWISE SHOWN.

GENERAL CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL CONSTRUCTION MATERIALS THAT ARE SHIPPED TO THE SITE I.E. LIGHTING FIXTURES, FLOORING MATERIALS ETC. THE COST OF ANY MISSING MATERIALS WILL BE DEDUCTED FROM THE CONTRACT PRICE AND FINAL PAYMENT. G.C. TO NOTIFY TENANT AT THE TIME THE SHIPMENT ARRIVES SHOULD THERE BE ANY DISCREPANCIES IN INVOICING. G.C. SHALL CHECK ALL PACKING SLIPS UPON ARRIVAL OF ORDERS, AND ADVISE THEM OF ANY DISCREPANCIES IMMEDIATELY OR G.C. WILL BE HELD RESPONSIBLE.

VERIFY ALL MATERIALS AND COLORS WITH TENANT.

VERIFY ALL DIMENSIONS IN FIELD.

NOTHING SHALL BE PERMITTED TO BE ATTACHED TO SUSPENDED FROM OR PENETRATE ROOF DECK ABOVE. ALL FRAMING AND BRACING SHALL BE FROM TOP CHORD OF JOIST OR STRUCTURAL STEEL.

ALL COLUMNS TO BE FRAMED AND FINISHED BY G.C.

PRIOR TO TURNOVER OF SPACE TO TENANT, LANDLORD MUST VERIFY WATER/TIGHTNESS OF ENTIRE ROOF SYSTEM INCLUDING ALL PERIMETER FLASHING, INTERNAL/EXTERNAL GUTTER SYSTEMS, PARAFET COPING AND ALL ROOF PENETRATIONS AREAS.

G.C. IS RESPONSIBLE TO VERIFY EXISTING WALLS ARE PLUMB, LEVEL, AND SQUARE TO 1/4" IN 10'-0" MAX. AND TO VERIFY SPACE IS SQUARE TO 1/4" IN 10'-0" MAX. IF ANY OF THE WALLS EXCEED THIS TOLERANCE G.C. IS TO BRING THIS TO THE ATTENTION OF THE VITAMIN SHOPPE CONSTRUCTION PROJECT MANAGER IMMEDIATELY FOR DIRECTION AS TO CORRECTIVE ACTION THAT WILL BE REQUIRED.

FOR SIDEWALK & PARKING LOT AREAS IN FRONT OF VITAMIN SHOPPE LEASE AREA, G.C. TO INSPECT EXISTING SITE CONDITIONS AND INCLUDE IN BID ANY NEW GRINDING OR REPLACEMENT OF CONCRETE PER THE FOLLOWING, FOR ALL CHIPPED, CRACKED, BROKEN, AND UNEVEN CONCRETE, INCLUDING BUT NOT LIMITED TO:

1. UNDEVI 1/4" OR LESS OK AS-IS.
2. GREATER THAN 1/4" REMOVE AND REPLACE.

FOR ASPHALT AREAS OR IMMEDIATE PARKING AREA IN FRONT OF STORE, BLACKTOP TO BE SEALED, PATCHED AND SLURRIED.

PROVIDE A SEPARATE LINE ITEM PRICING TO VITAMIN SHOPPE PROJECT MANAGER FOR SCOPE OF WORK AS APPLIED.

[KB] KNOX BOX TO BE PROVIDED AND INSTALLED BY G.C. AS REQUIRED ON ALL PROJECTS - VERIFY WITH LOCAL AUTHORITIES.

- FLOOR PLAN KEY NOTES**
- 1 LEASE LINE. G.C. TO VERIFY IN FIELD.
 - 2 PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN AT ENTRANCE.
 - 3 EXISTING STRUCTURAL COLUMN TO REMAIN.
 - 4 ELECTRICAL PANEL. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
 - 5 4X8 PHONE BOARD. SEE ELECTRICAL SHEETS FOR MORE INFORMATION. PAINT P-1 PRIOR TO INSTALLATION.
 - 6 EXISTING WINDOWS WITH SPANDREL GLASS GLAZING. G.C. TO CLEAN & REPAIR AS NECESSARY.
 - 7 EXISTING WINDOWS TO REMAIN. CLEAN AND REPAIR AS NECESSARY.
 - 8 G.C. TO VERIFY IF ANY ADDITIONAL FIRE PROOFING OR FIRE CAULKING AND/OR MODIFICATIONS ARE REQUIRED BY THE BUILDING DEPARTMENT AND/OR LANDLORD PRIOR TO BID.
 - 9 G.C. TO PROVIDE ALL BLOCKING AS REQUIRED FOR SECURING ALL TOILET ROOM ACCESSORIES.
 - 10 2X4 MEDIA BOARD. SEE ELECTRICAL SHEETS FOR MORE INFORMATION. PAINT P-1 PRIOR TO INSTALLATION.

PARTITION LEGEND

[Symbol]	EXISTING MASONRY BASE BUILDING WALL INSULATED WITH R-20 RIGID INSULATION AND INTERIOR FINISHED WITH 5/8" GYP. BD. OVER 3-5/8" MTL. STUDS. FULL HEIGHT TO DECK AS REQUIRED. PREPARE TO RECEIVE NEW FINISHES. LEVEL-4 FINISH REQUIRED IN SALES AREA.
[Symbol]	EXISTING STOREFRONT - PROTECT DURING CONSTRUCTION. CLEAN/REPAIR AS NECESSARY.
[Symbol]	EXISTING ALUMINUM STOREFRONT FRAMING WITH SPANDREL GLASS. 1-5/8" MTL. STUDS OVER WINDOW FRAME AT 24" O.C. WITH R-20 RIGID INSULATION AND INTERIOR FINISHED WITH 5/8" GYP. BD. OVER 3-5/8" MTL. STUDS. FULL HEIGHT TO DECK AS REQUIRED. PREPARE TO RECEIVE NEW FINISHES. LEVEL-4 FINISH REQUIRED IN SALES AREA.
[Symbol]	EXISTING RATED DEMISING WALL. 6" MTL. STUDS AT 16" O.C. WITH R14 INSULATION (MIN) FROM FLOOR TO UNDERSIDE OF DECK ABOVE. 1 LAYER 5/8" TYPE 'X' GYP. BD. FULL HEIGHT TO EACH SIDE. PREPARED AS REQUIRED TO ACHIEVE 1-HR. RATING PER I.L. DESIGN SKETCHES OR AS OTHERWISE REQUIRED BY CODES. LEVEL-4 FINISH REQUIRED IN SALES AREA.
[Symbol]	NEW NON-RATED INTERIOR PARTITION. 3-5/8" MTL. STUDS AT 24" O.C. FROM FLOOR TO MIN. 6" ABOVE FIN. GLS. BRACE TOP OF PARTITION DIAGONALLY TO STRUCTURE ABOVE AT MIN. 48" O.C. PROVIDE 3/4" BLOCKING AS NEEDED BETWEEN STUDS FOR BREAK TABLE AND SHELVING. APPLY 1 LAYER 5/8" TYPE 'X' GYP. BD. TO EACH SIDE TAPED, SPACKLED AND PREPARED AS REQUIRED TO RECEIVE NEW FINISHES. (PROVIDE WATER RESISTANT GYP. BD. AT TOILET ROOM SIDE, AND SLOP SINK AREA AND MIN R-II INSULATION AT ALL PERIMETER WALLS). LEVEL-4 FINISH REQUIRED IN SALES AREA.
[Symbol]	NEW NON-RATED INTERIOR PARTITION. 3-5/8" 20 GA. MTL. STUDS AT 16" O.C. FROM FLOOR TO 1'-0" A.F.F. WITH PLATFORM FOR H.V. HEATER ABOVE. APPLY 1 LAYER WATER RESISTANT 5/8" GYP. BD. TO EACH SIDE TAPED, SPACKLED AND PREPARED AS REQUIRED TO RECEIVE NEW FINISHES.
[Symbol]	NEW NON-RATED INTERIOR PARTITION. 6" MTL. STUDS AT 24" O.C. FROM FLOOR TO MIN. 6" ABOVE FIN. GLS. BRACE TOP OF PARTITION DIAGONALLY TO STRUCTURE ABOVE AT MIN. 48" O.C. APPLY 1 LAYER 5/8" TYPE 'X' GYP. BD. TO INTERIOR SIDE PREPARED AS REQUIRED TO RECEIVE NEW FINISHES. (PROVIDE WATER RESISTANT GYP. BD. AT TOILET ROOM SIDE, AND SLOP SINK AREA AND MIN R-II INSULATION AT ALL PERIMETER WALLS).

NOTE:
ALL GYP. BD. WALLS IN SALES AREA TO HAVE A LEVEL 4 FINISH. PREPARE TO RECEIVE FINISH AS PER A2.0.

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REGISTRATION SEAL

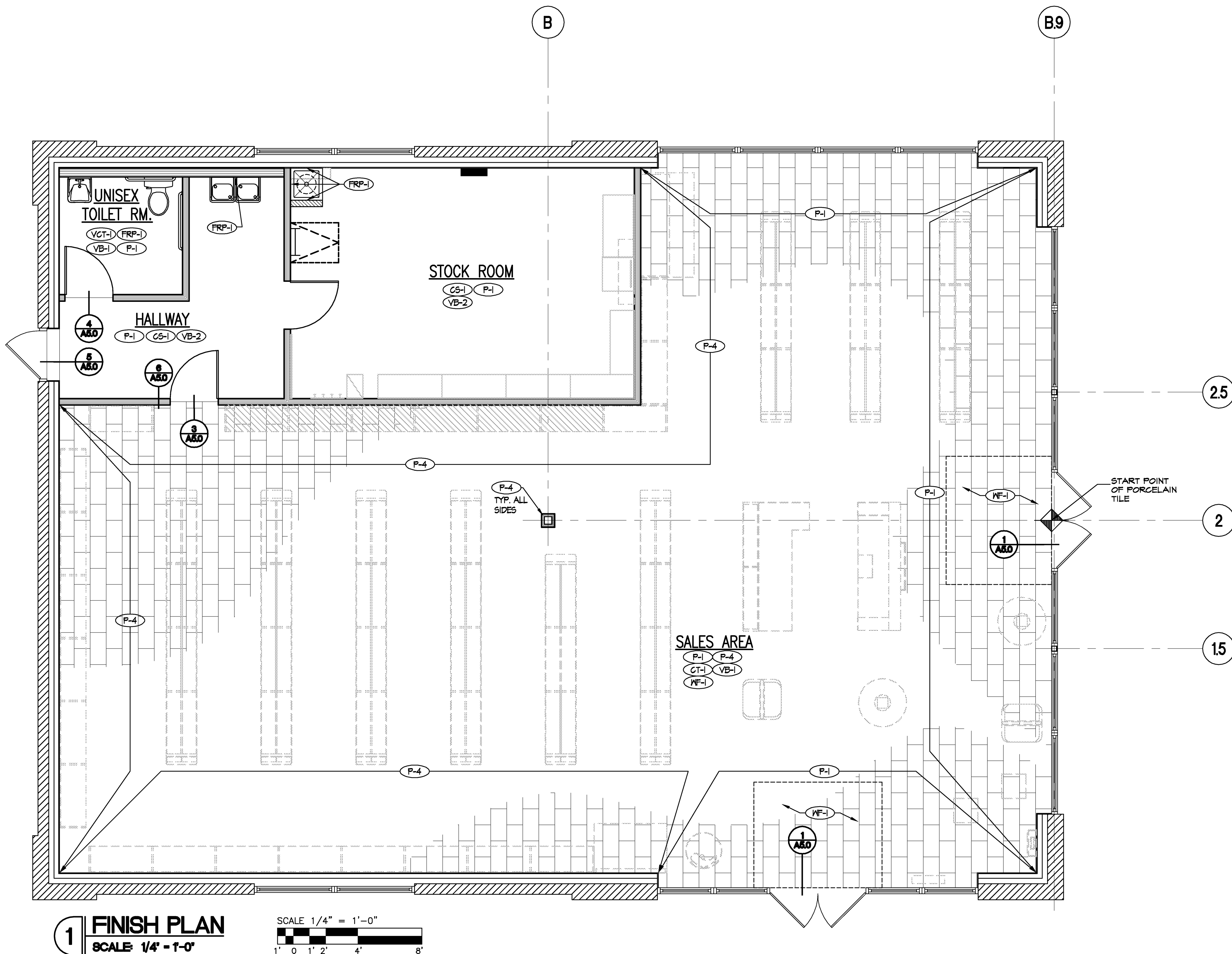
REVISIONS:

PROJECT NO.	130072
DATE:	12/22/14
DRAWN BY:	DLI
STORE NUMBER:	
SCALE:	AS NOTED
SALES AREA	2,400 S.F.
NON SALES	600 S.F.
GROSS AREA	3,000 S.F.

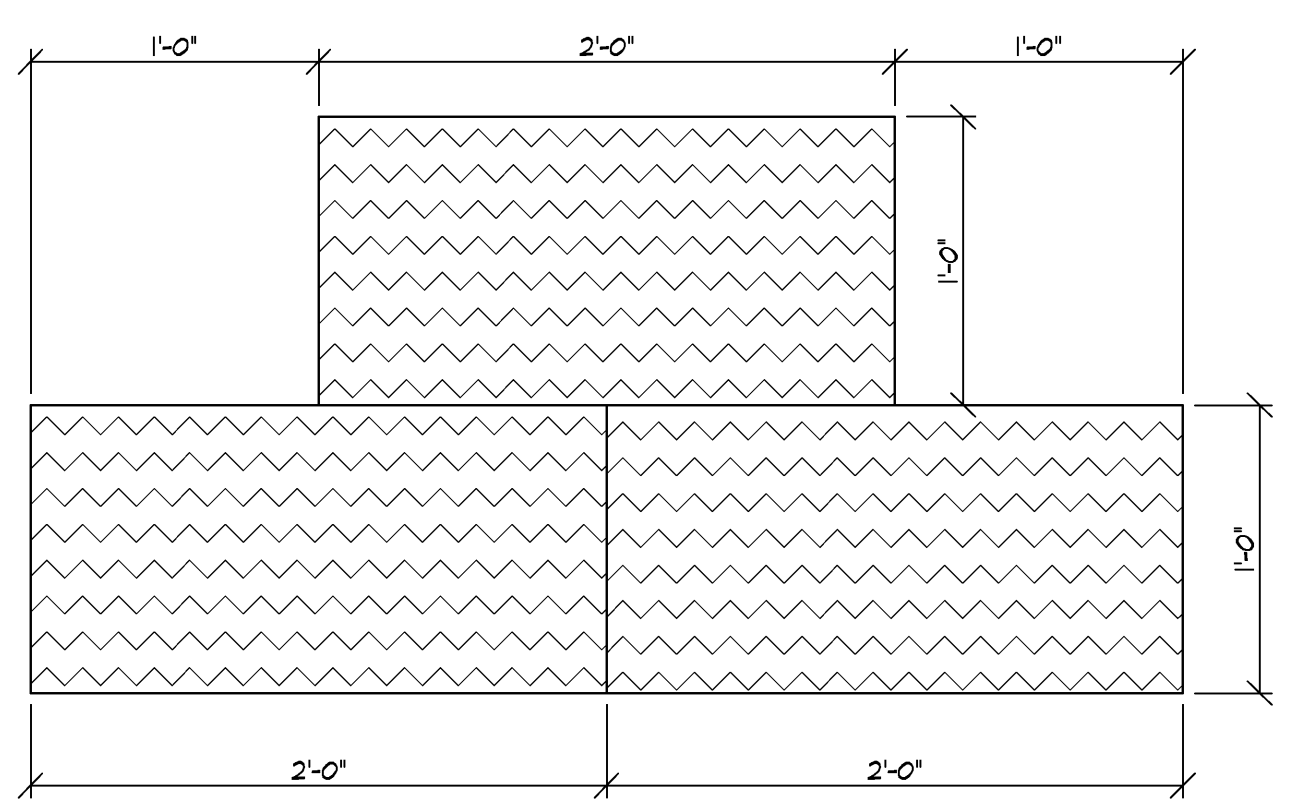
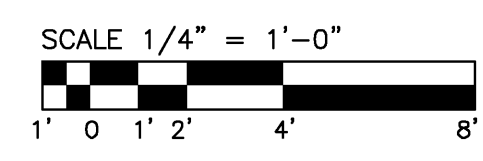
SHEET TITLE:
FLOOR PLAN + NOTES

theVitamin Shoppe
123 N. WIEBER ROAD
BOLINGBROOK, IL 60440

SHEET NO:
A1.0



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



2 TYPICAL TILE LAYOUT DETAIL
SCALE: 1/2" = 1'-0"

FINISH LEGEND		
NOTE: ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE PUBLISHED INSTALLATION SPECIFICATIONS AND PROCEDURES OF THE MANUFACTURER OF THE MATERIAL USED.		
FINISH	DESCRIPTION	MANUFACTURER
CEILING		
(ACT-1)	24" X 48" X 5/8" COLOR: WHITE DUNE #1116 ANGLED REGULAR EDGE IN 15/16" T-BAR GRID	ARMSTRONG
(ACT-2)	24" X 48" X 5/8" COLOR: WHITE FINE FIGURED #1155 SQUARE LAY-IN PRELUDE IV 15/16" WHITE GRID	ARMSTRONG
FLOOR		
(GT-1)	12" X 24" TILE STYLE: PAGE SERIES COLOR: HISTORY, 1/8" GROUT LINE	KAISER TILE CONTACT : RALPH KAISER @ KAISER TILE 400.222.1100
	GROUT: LATICRETE - PERMACOLOR #21 HEMP	INSTALLED PER MANUFACTURERS SPECIFICATIONS.
(VCT-1)	ARMSTRONGS EXCELON 12" X 12" X 1/8" #51908 'FEMTER'	ARMSTRONG
(WF-1)	WALK-OFF MAT STYLE: 6'-1" X 8'-0" 'SUPREME NOP' (DOUBLE DOOR) COLOR: BLACK WALNUT #88	CONTACT : MARVIN GOLDBERGS @ MBO INC. 941.244.4444
(CS-1)	CONCRETE SEALER - 2 PART EPOXY SEALER, INDUSTRIAL COATINGS SEE NOTE #12 BELOW ARMORSEAL FLOOR-FLEX T100	SHERWIN WILLIAMS BTOAM002/TOV400 HAZE GRAY GLOSS
1. AT ALL AREAS WHERE WALL GRAPHICS ARE TO BE INSTALLED, CONTRACTOR TO PROVIDE: LEVEL 4 FINISH AND (2) COATS OF PRIMER AND (2) COATS OF TOP COAT PAINT. GRAPHICS INSTALLER TO PROVIDE COAT OF VINYL WALL PAPER ADHESIVE TO BACK OF GRAPHICS TO ALLOW FOR FINAL ADJUSTMENTS OF GRAPHICS AS REQUIRED. ONCE GRAPHICS ARE IN CORRECT LOCATION AND PLACEMENT INSTALLER SHALL SQUEEZE REMAINING ADHESIVE FROM BEHIND GRAPHICS TO ALLOW FOR SMOOTH AND BUBBLE FREE INSTALLATION OF GRAPHICS.		
BASE		
(VB-1)	VINYL COVE BASE - LUNAR DUST	ROPPE
(VB-2)	VINYL COVE BASE - THUNDER #168	JOHNSONITE
NOTE: ALL FIXTURES WILL HAVE A LAMINATE KICK BASE AS PROVIDED BY THE FIXTURE MFG. AND INSTALLED BY MERCH62.		

INTERIOR PAINT FINISH		
(P-1)	SHERWIN WILLIAMS SUPER PAINT INTERIOR LATEX - WALLS / PRO CLASSIC ALKYD SEMI GLOSS - DOORS & MILLWORK	SHERWIN WILLIAMS VITAMIN SHOPPE NATIONAL ACCOUNTS
	COLOR NAME: CRISP LINEN MATCH NO. SW 68718	
(P-2)	EXTRA WHITE - SW 7006, FLAT FINISH (CEILING)	SHERWIN WILLIAMS
(P-3)	NOT USED	
(P-4)	SHERWIN WILLIAMS SUPER PAINT INTERIOR LATEX - WALLS / PRO CLASSIC ALKYD SEMI GLOSS - DOORS & MILLWORK	SHERWIN WILLIAMS VITAMIN SHOPPE NATIONAL ACCOUNTS
	COLOR NAME: SOLE MATCH NO. SW 6896	
(P-5)	SHERWIN WILLIAMS LATEX - WALLS COLOR NAME: SOCIAL BUTTERFLY MATCH NO. SW 68948	SHERWIN WILLIAMS VITAMIN SHOPPE NATIONAL ACCOUNTS
NOTE: 1. AT ALL AREAS WHERE WALL GRAPHICS ARE TO BE INSTALLED, CONTRACTOR TO PROVIDE: LEVEL 4 FINISH AND (2) COATS OF PRIMER AND (2) COATS OF TOP COAT PAINT. GRAPHICS INSTALLER TO PROVIDE COAT OF VINYL WALL PAPER ADHESIVE TO BACK OF GRAPHICS TO ALLOW FOR FINAL ADJUSTMENTS OF GRAPHICS AS REQUIRED. ONCE GRAPHICS ARE IN CORRECT LOCATION AND PLACEMENT INSTALLER SHALL SQUEEZE REMAINING ADHESIVE FROM BEHIND GRAPHICS TO ALLOW FOR SMOOTH AND BUBBLE FREE INSTALLATION OF GRAPHICS.		
GLAZING FILM		
(GF-1)	STANDARD CONDITIONS (EXCESSIVE SUNLIGHT)	3M PRESEARL LIGHT NEUTRAL
(GF-2)	EXTREME CONDITIONS (EXCESSIVE SUNLIGHT & HEAT)	3M PRESEARL MEDIUM PERFORMANCE NEUTRAL
FRP FINISH WALL		
(FRP-1)	48" H @ TOILET ROOM & DRINKING FOUNTAINS WALLS 460" @ MOP SINK WALLS. PROVIDE FINISHED TRIM @ EXPOSED EDGES AND SEAMS (OR AS REQUIRED BY CODE)	HAR-LITE WHITE COLOR TEXTURED FINISH OR EQUAL
ROLLER SHADES		
(RS-1)	PHIFER SHERWINEAVE 4000 ALABASTER 5% OPEN (COORDINATE WITH V.S.V. PROJECT MANAGER FOR INSTALLATION LOCATIONS)	ROLL-A-SHADE

GENERAL FINISH NOTES	
1.	CONTRACTOR IS RESPONSIBLE FOR CHECKING THE QUALITY OF THE MATERIALS AND THE VERIFICATION OF ALL DIMENSIONS.
2.	ALL VINYL TILE AREAS TO RECEIVE 4" VINYL BASE U.N.O.
3.	ALL WALLS TO BE PAINTED FROM FLOOR TO UNDERSIDE OF CEILING, U.N.O.
4.	IF THE CONTRACTOR CONSIDERS ANY SURFACE UNSUITABLE FOR A PROPER FINISH HE SHALL NOTIFY TENANT & ARCHITECT OF THE CONDITION, AND NOT COMMENCE WORK UNTIL DIRECTED.
5.	APPLICATIONS OF PAINT SHALL BE ONE COAT PRIMER AND TWO COATS PAINT. PRIMER SHALL BE SPECIFIED OR RECOMMENDED BY PAINT MANUFACTURER.
6.	PROVIDE A CLEAN SMOOTH CONCRETE SURFACE FOR PROPER INSTALLATION OF ALL FLOOR FINISHES.
7.	PROTECT OTHER WORK AND MERCHANDISE AS REQUIRED TO PREVENT ANY DAMAGE.
8.	ALL GYP. BD. CEILINGS, SOFFITS AND CURTAIN WALLS SHALL BE PAINTED, FLAT FINISH, UNLESS OTHERWISE NOTED.
9.	ALL PAINTED GYP. BD. WALLS SHALL BE PAINTED, SEMI-GLOSS FINISH, UNLESS OTHERWISE NOTED.
10.	PAINT PLYWOOD BACKER PANELS P-4 FOR ELECTRICAL PANELS AND PHONE BOARD PRIOR TO INSTALLATION.
11.	CONTRACTOR TO PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FINISHES.
12.	SEALED CONCRETE: PREPARE AND CLEAN ENTIRE FLOOR PER MFR'S INSTRUCTIONS PRIOR TO INSTALLING CONCRETE SEALER. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR APPLICATION OF EACH PRODUCT IF PATCHING OR FLOATING IS REQUIRED, ARMSTRONGS S-184 FAST-PATCH AND SKIM COAT SHOULD BE APPLIED PER MFR. RECOMMENDATIONS OVER A BUILDDUP PRODUCT SUCH AS MAPEI PRO 110 PLAN/PATCH (AS REQUIRED). CLOSELY MATCH COLOR OF EXISTING SLAB WITH NEW PATCH.
13.	ALL PAINTED DOOR FRAMES AND TRIM SHALL BE PAINTED AQUAGLO SEMI-GLOSS FINISH WITH MOORE'S ALKYD ENAMEL UNDERBODY (21) OR MOORE'S LATEX ENAMEL UNDERBODY (348). SEE DOOR SCHEDULE FOR COLOR REQUIREMENTS.

OWNER COMMENTS	
1.	IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO VISIT AND INSPECT ALL LOCATIONS PRIOR TO SUBMITTING THEIR BID. SHOULD CONDITIONS BE EXISTING THAT ARE NOT REFLECTED IN THE PLANS, THE G.C. SHOULD INCLUDE AN ADDITIONAL BID AS AN "ALTERNATE" TO COVER ANY COST REQUIRED TO RECTIFY. IF A WOOD SUBFLOOR EXISTS, THE G.C. SHOULD DETERMINE STABILITY TO PREVENT MOVEMENT FOR PROPER INSTALLATION OF CERAMIC TILE FLOORING. IF THE WOOD FLOOR HAS ANY DEFLECTION, OR IF ITS UNSURE, THE G.C. SHOULD NOTIFY THE PROJECT MANAGER AND ARCHITECT IMMEDIATELY BEFORE ANY WORK CONTINUES. FAILURE TO DO SO WILL RESULT IN A DEDUCTION FROM THE G.C. CONTRACT FOR PROPER REPAIR.
2.	IF A WOOD SUBFLOOR EXISTS, THE G.C. SHOULD DETERMINE STABILITY TO PREVENT MOVEMENT FOR PROPER INSTALLATION OF PORCELAIN TILE FLOORING. IF THE WOOD FLOOR HAS ANY DEFLECTION, OR IF ITS UNSURE, THE G.C. SHOULD NOTIFY THE PROJECT MANAGER AND ARCHITECT IMMEDIATELY BEFORE ANY WORK CONTINUES. FAILURE TO DO SO WILL RESULT IN A DEDUCTION FROM THE G.C. CONTRACT FOR PROPER REPAIR.

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REGISTRATION SEAL

REVISIONS

PROJECT NO. 130072
 DATE: 12/22/14
 DRAWN BY: DLI
 STORE NUMBER:
 SCALE: AS NOTED

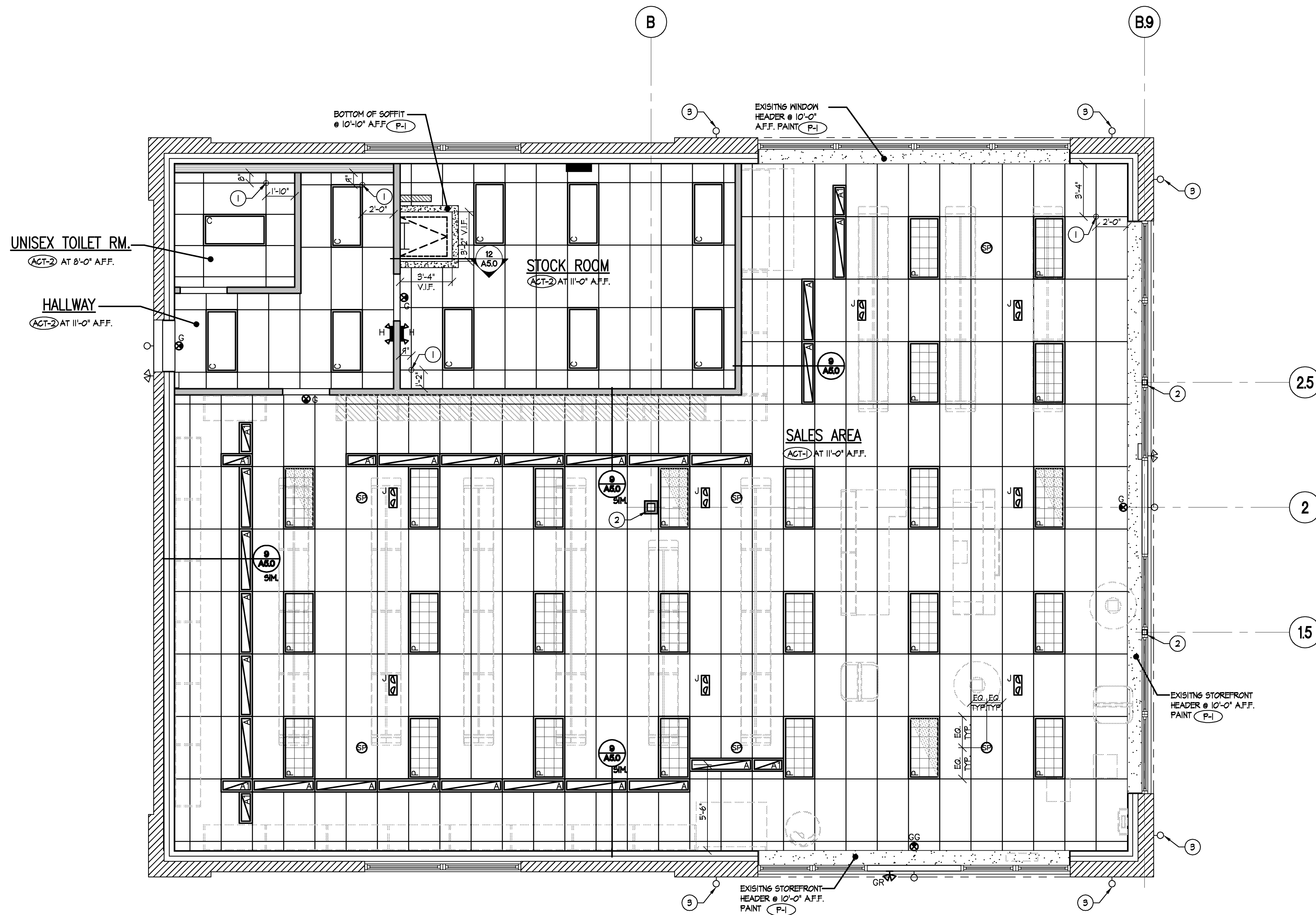
SALES AREA 2,400 S.F.
 NON SALES 600 S.F.
 GROSS AREA 3,000 S.F.

SHEET TITLE:

FINISH PLAN + NOTES

theVitamin Shoppe
 123 N. WEBER ROAD
 BOLINGBROOK, ILL. 60440

SHEET NO:
A2.0



1 REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"
 SCALE 1/4" - 1'-0"
 SCALE 1/4" = 1'-0"
 1' 0' 1' 2' 4' 8'

CEILING PLAN KEY NOTES

- 1 CEILING START POINT.
- 2 EXISTING COLUMN.
- 3 EXISTING EXTERIOR LIGHTING TO REMAIN.

CEILING PLAN NOTES

1. CONTRACTOR TO NOTIFY DESIGNER OF ANY DISCREPANCIES OR CONFLICT IN INTENT IN ACCOMPLISHING CEILING WORK PRIOR TO AWARD OF CONTRACT OR IT WILL BE ASSUMED ALL NECESSARY WORK AND COSTS ARE INCLUDED.
2. CONTRACTOR TO REVIEW DUCTWORK RUNS AND HEIGHTS AND TO COORDINATE AND ACCOMPLISH DESIRED DESIGN CRITERIA.
3. THE CONTRACTOR PRIOR TO BID, SHALL CHECK AND VERIFY ALL CEILING HEIGHTS, SLAB HEIGHTS FOR CLEARANCES AND INSTALLATION METHODS. HEIGHTS AND LOCATIONS OF ALL DUCTWORK, DIFFUSER UNITS, CONDUIT, JUNCTION BOXES, AND OTHER CEILING INSTALLATION TO BE COORDINATED PRIOR TO INSTALLATION.
4. CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING PLENUM CONDITIONS FOR CLEARANCES OF DUCTWORK, LIGHT FIXTURES, SPRINKLERS, ETC., BEFORE PROCEEDING WITH WORK AND SHALL NOTIFY DESIGNER OF ANY DISCREPANCIES.
5. ALL PIPES AND DUCTS SHALL BE ABOVE HUNG CEILING, NOTIFY DESIGNER OF ANY DISCREPANCIES.
6. CEILING TO BE INSTALLED ACCORDING MANUFACTURERS PUBLISHED INSTALLATION REQUIREMENTS & LOCAL CODE REQUIREMENTS.
7. ALL DIMENSIONS OF LIGHTING FIXTURES ARE GIVEN CENTER TO CENTER UNLESS OTHERWISE NOTED. ALL LIGHT FIXTURES TO ALIGN UNLESS OTHERWISE NOTED.
8. NOT USED.
9. ALL SWITCH PLATES AND OUTLET PLATES TO BE WHITE.
10. ALL LIGHT SWITCHES SHALL BE INSTALLED 36" AFF WITH CENTER LINE OF FIRST SWITCH 6" FROM ADJACENT DOOR BUCK OR ADJACENT WALL. INTERSECTION UNLESS OTHERWISE NOTED. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN GANG TYPE BOX UNDER ONE COVER PLATE.
11. REFER TO ENGINEERING DRAWINGS FOR ALL A.C. SUPPLY, RETURN AIR DIFFUSERS AND EXHAUST FANS.
12. 6" SHALL HOLD OFF ON THE INSTALLATION OF THE CEILING TILES AT THE PERIMETER FIXTURE AREA IF POSSIBLE UNTIL ALL PERIMETER WALL FIXTURES HAVE BEEN INSTALLED.
13. 11'-0" AFF MIN. CEILING HEIGHT TO BE PROVIDED IN SALES AREA UNLESS OTHERWISE NOTED OR DISCUSSED PRIOR TO START OF WORK.
14. ALL FLUORESCENT LIGHT FIXTURES TO HAVE ELECTRONIC BALLAST/COOL WHITE BULBS.
15. REFER TO ELECTRIC PANEL SCHEDULE FOR LIGHTING FIXTURE VOLTAGE REQUIREMENTS.
16. CEILING SPEAKER PROVIDED AND INSTALLED BY SOUND SYSTEM VENDOR SEE SHEET T2.0 FOR VENDOR INFORMATION.

LIGHT FIXTURE LEGEND

SYMBOL	DESCRIPTION
A	4'-0" FLUORESCENT PERIMETER RECESSED WALLWASH FIXTURE
A-1	2'-0" FLUORESCENT PERIMETER RECESSED WALLWASH FIXTURE
C	2x4 PRISMATIC LAYIN FLUORESCENT W/ T8 FLUORESCENT LAMPS
G	LED EMERGENCY EXIT SIGNS
H	EMERGENCY LIGHT (2) HEAD WALL MOUNTED
J	EMERGENCY LIGHT (2) HEAD CEILING MOUNTED
J-1	EMERGENCY LIGHT (2) HEAD CEILING MOUNTED
N	FLOOR WALLWASH ACCENT LIGHTS & TRACK SYSTEM
P	2x4 18' CELL PARABOLIC W/ T8 FLUORESCENT LAMPS
R	2x2 18' CELL PARABOLIC W/ T8 FLUORESCENT LAMPS

REVISIONS:

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GROSS AREA 3,000 S.F.

SHEET TITLE:

REFLECTED CEILING PLAN + NOTES

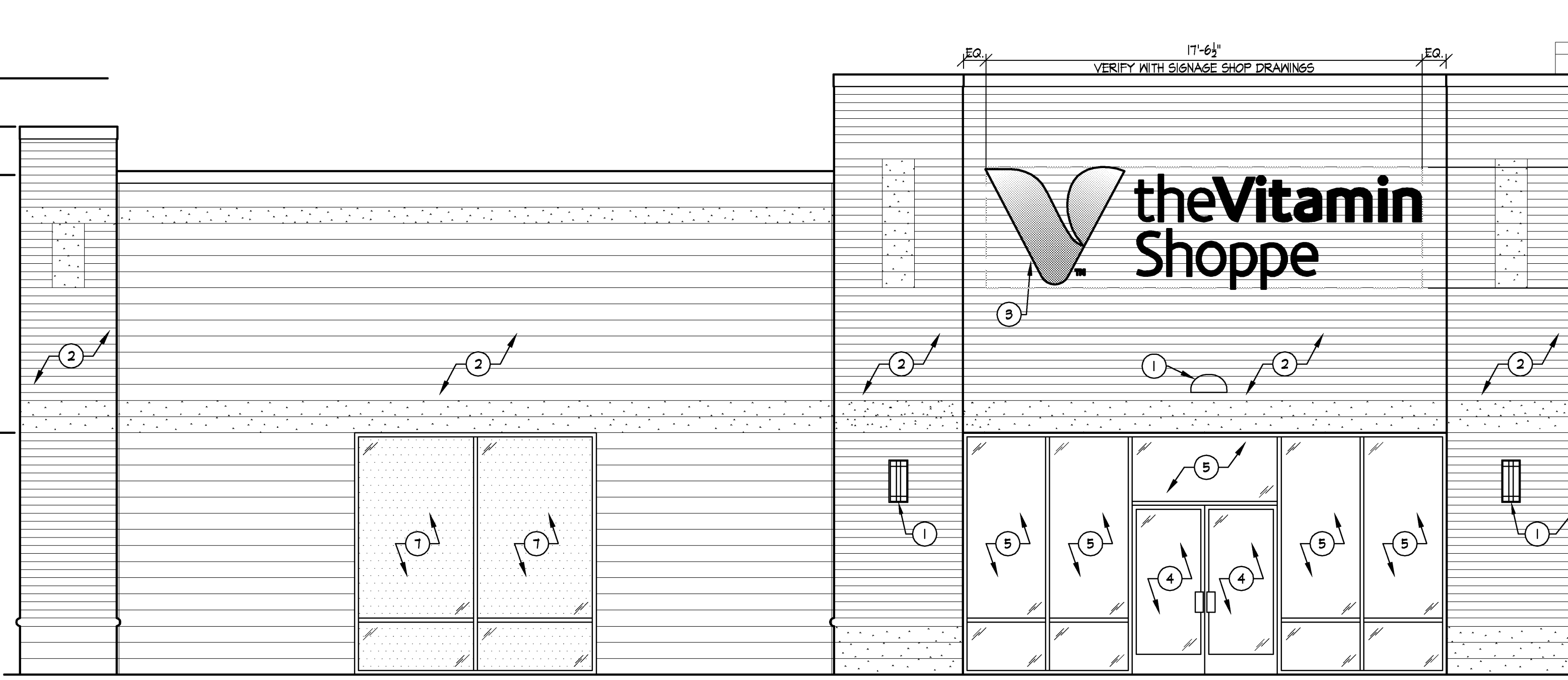
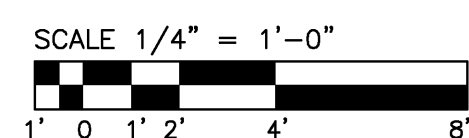
theVitamin Shoppe
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 BOLINGBROOK, IL. 60440

SHEET NO:

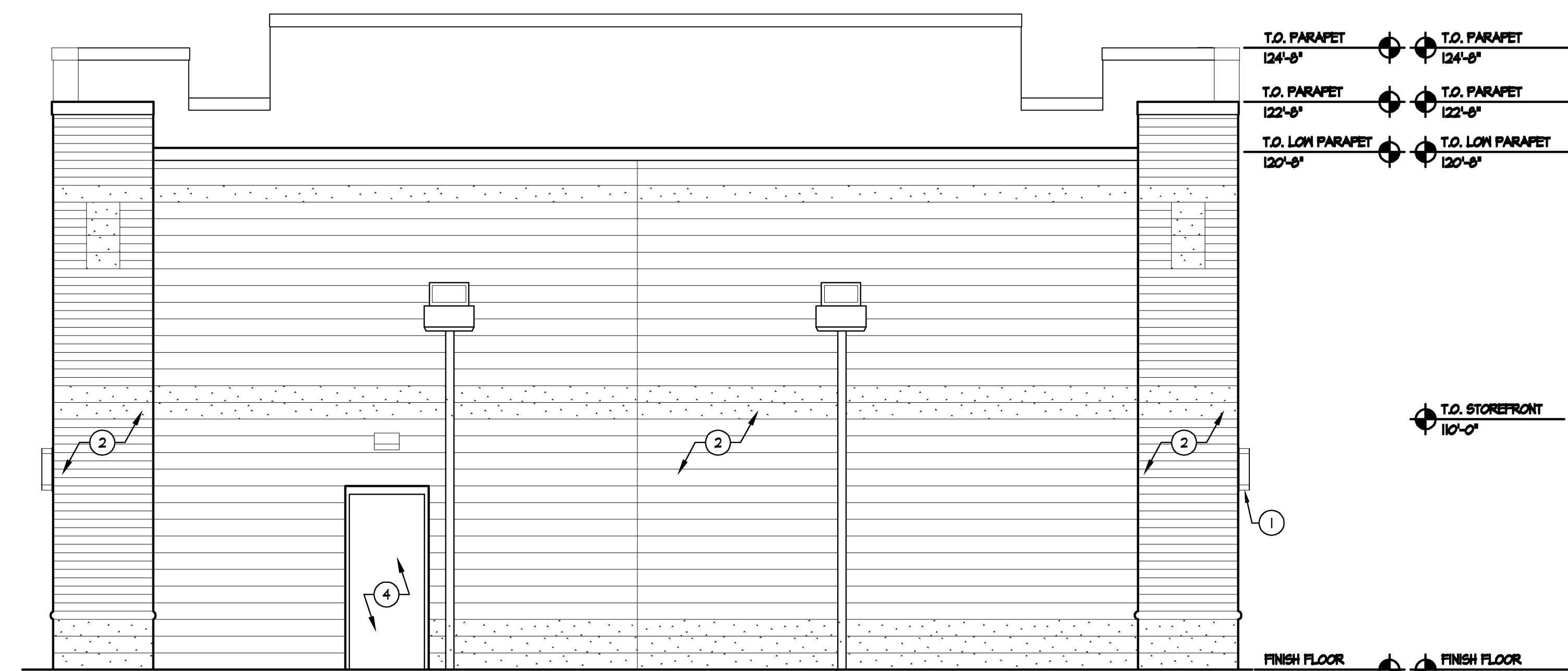
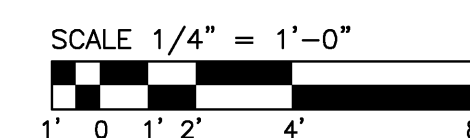
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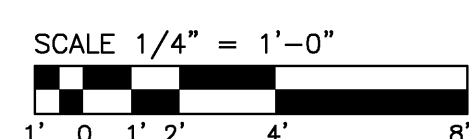
1 EAST ELEVATION
SCALE: 1/4" = 1'-0"



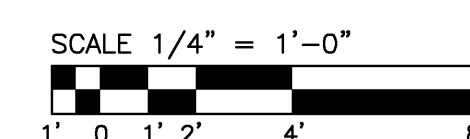
2 SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



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



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



- EXTERIOR ELEVATION KEY NOTES**
- 1 EXISTING EXTERIOR WALL SCENCE TO REMAIN. G.C. TO NOTIFY VITAMIN SHOPPE P.M. IF FIXTURE IS IN NONSATISFACTORY CONDITION.
 - 2 EXISTING FINISHES TO REMAIN.
 - 3 LOCATION OF ILLUMINATED STOREFRONT SIGN BY SIGN CONTRACTOR. FINAL LOCATION AND SIGN SIZE TO BE COORDINATED WITH SIGN CONTRACTOR, UNDER SEPARATE PERMIT APPLICATION. G.C. TO CONFIRM WITH LANDLORD THAT ADEQUATE BACKING HAS BEEN PROVIDE FOR SIGN INSTALLATION. G.C. TO INSTALL NEB BACKING AS NEEDED.
 - 4 EXISTING DOOR TO REMAIN. G.C. TO CLEAN AND REPAIR AS NECESSARY.
 - 5 EXISTING WINDOW TO REMAIN. G.C. TO CLEAN AND REPAIR AS NECESSARY.
 - 6 NOT USED.
 - 7 EXISTING WINDOWS WITH SPANDREL GLASS TO REMAIN. G.C. TO CLEAN AND REPAIR AS NECESSARY.
 - 8 EXISTING DOWNPOUT WITH SKUPPER TO REMAIN.

ALL SIGNS TO BE FILED UNDER A SEPARATE PERMIT APPLICATION
ALL PERMITS AND LICENSES NECESSARY FOR THE EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE TENANT'S CONTRACTOR(S).

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REGISTRATION SEAL

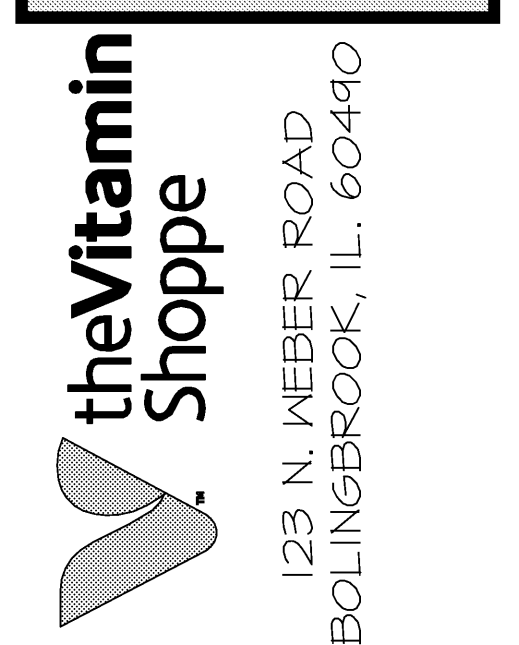
REVISIONS:

PROJECT NO.	130072
DATE:	12/22/14
DRAWN BY:	DLI
STORE NUMBER:	
SCALE:	AS NOTED

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NON SALES	600 S.F.
GROSS AREA	3,000 S.F.

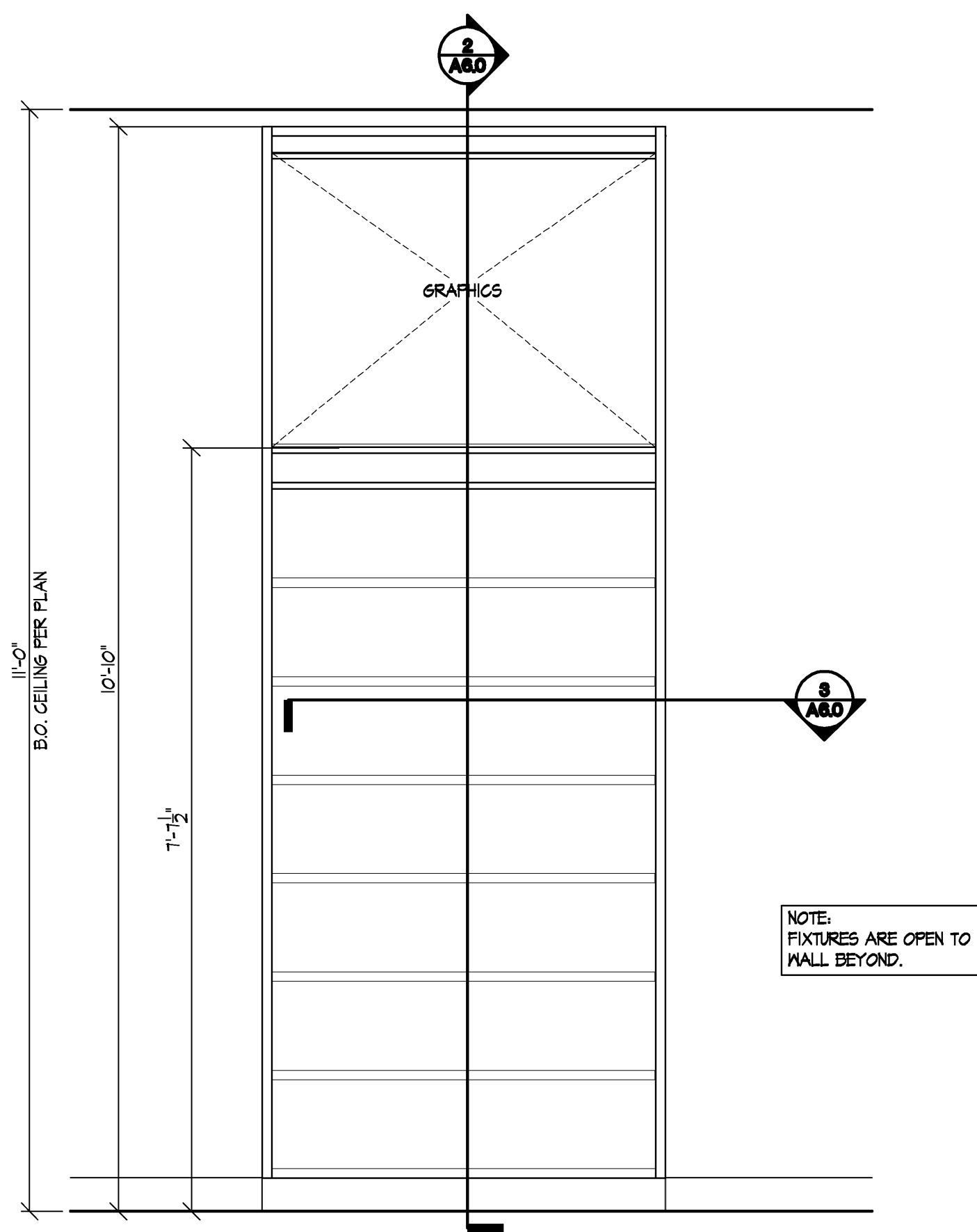
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EXTERIOR ELEVATIONS

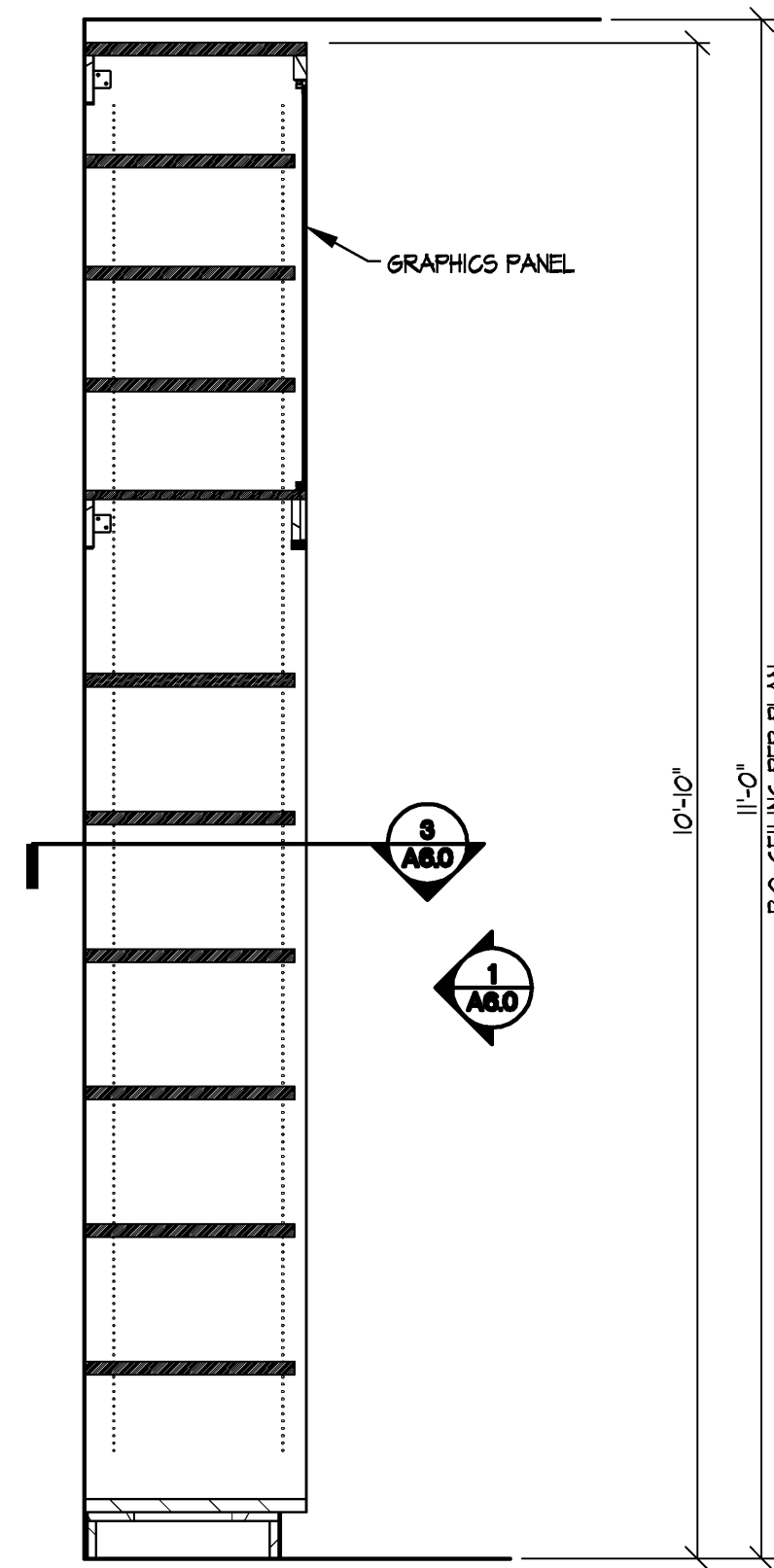


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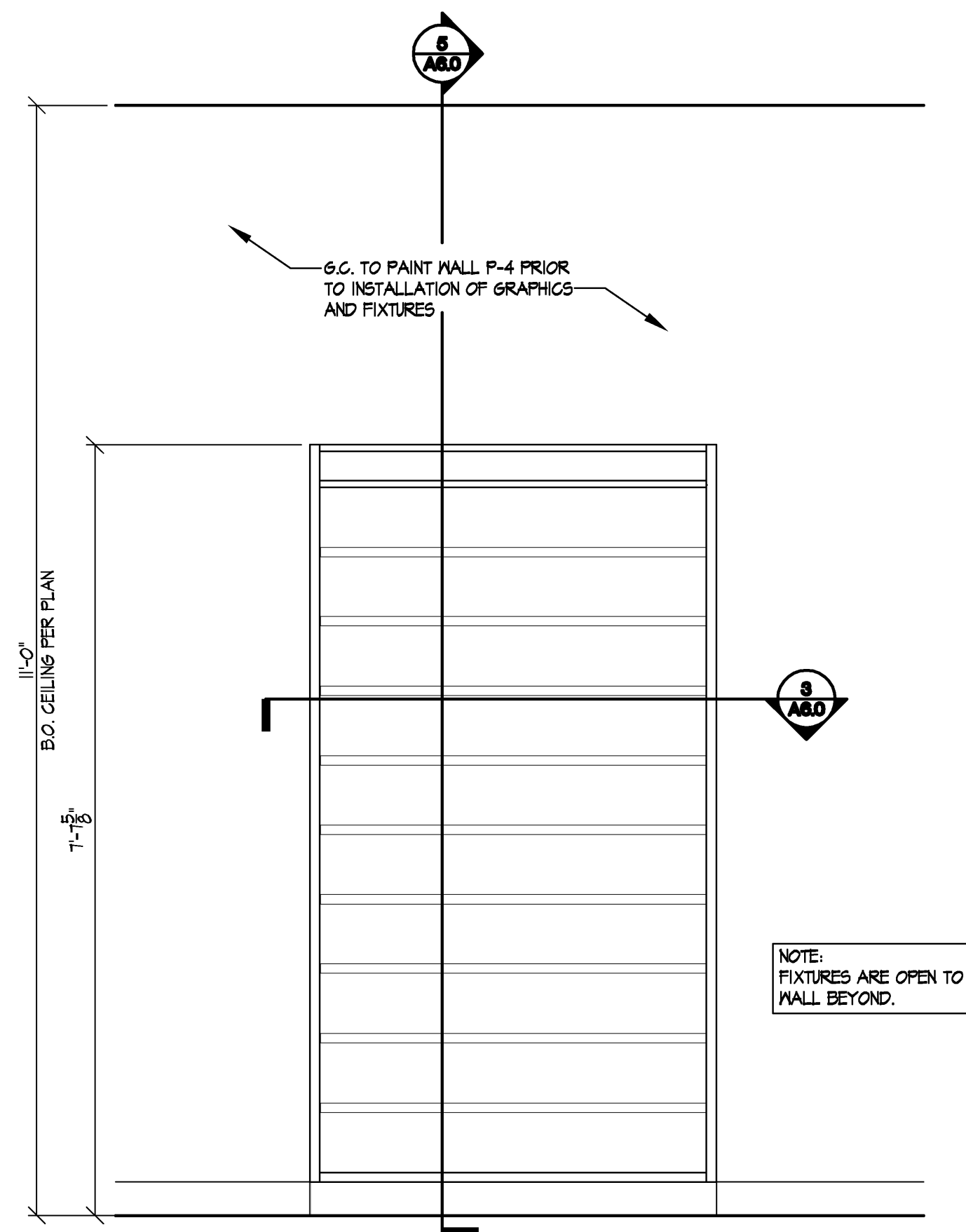
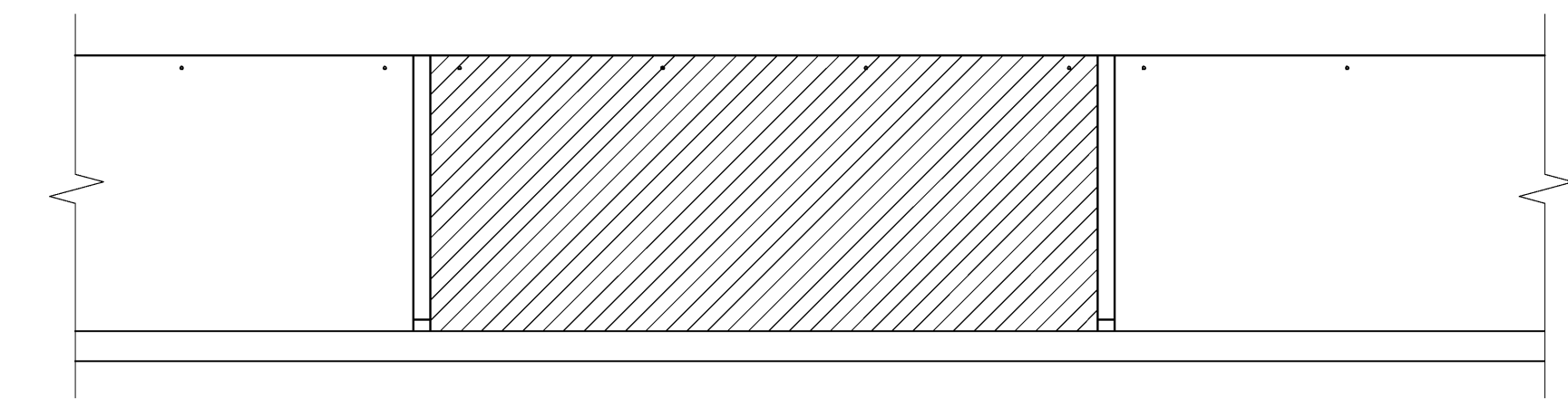
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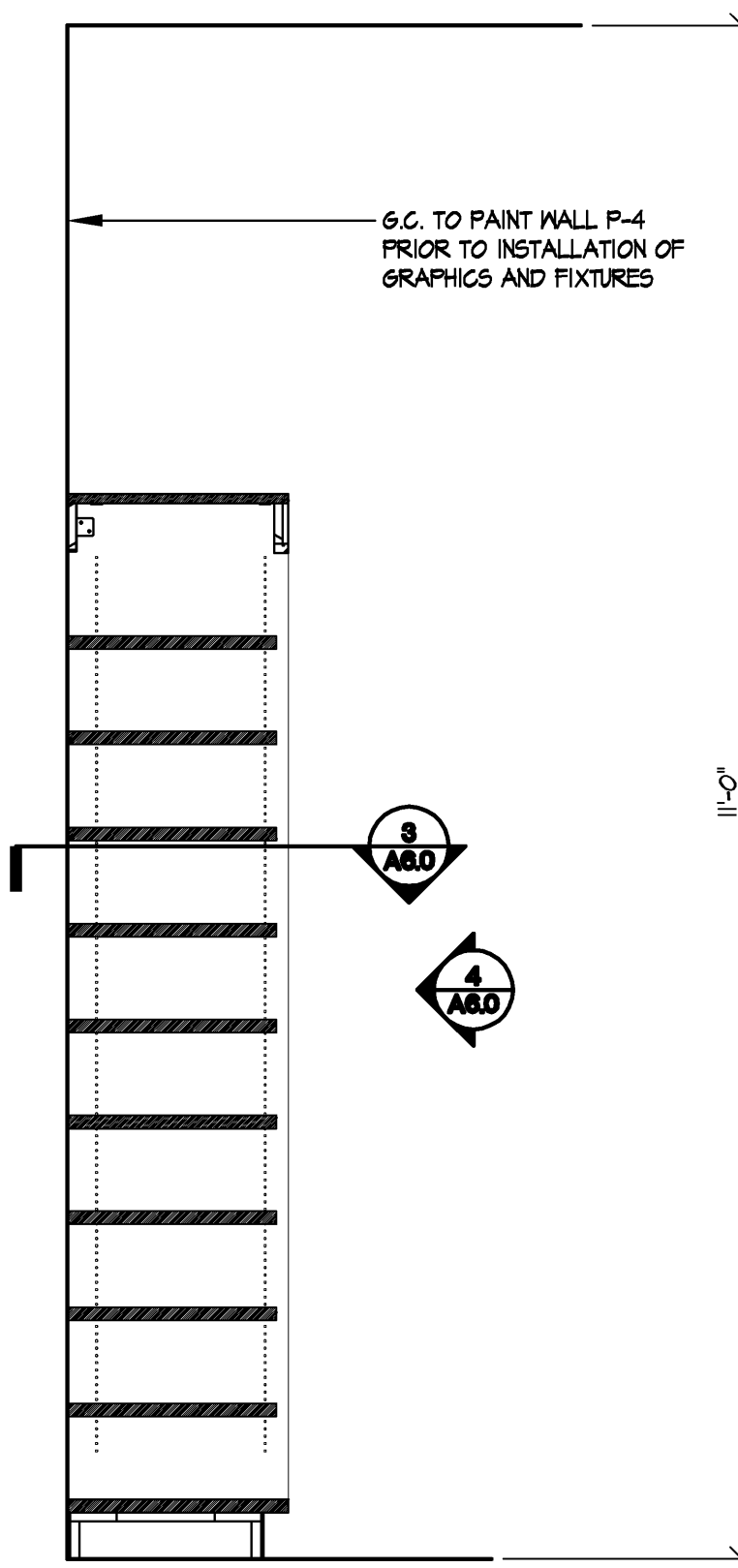
1 ELEVATION • WALL FIXTURE
SCALE: 3/4" = 1'-0"



2 SECTION • WALL FIXTURE
SCALE: 3/4" = 1'-0"



4 ELEVATION • WALL FIXTURE
SCALE: 3/4" = 1'-0"



5 SECTION • WALL FIXTURE
SCALE: 3/4" = 1'-0"

NOTE:
ALL GYP. BD. WALLS TO BE LEVEL 4 FINISH. PAINT WALLS
SEMI-GLOSS FLOOR TO CEILING PER FINISH LEGEND A2.0.

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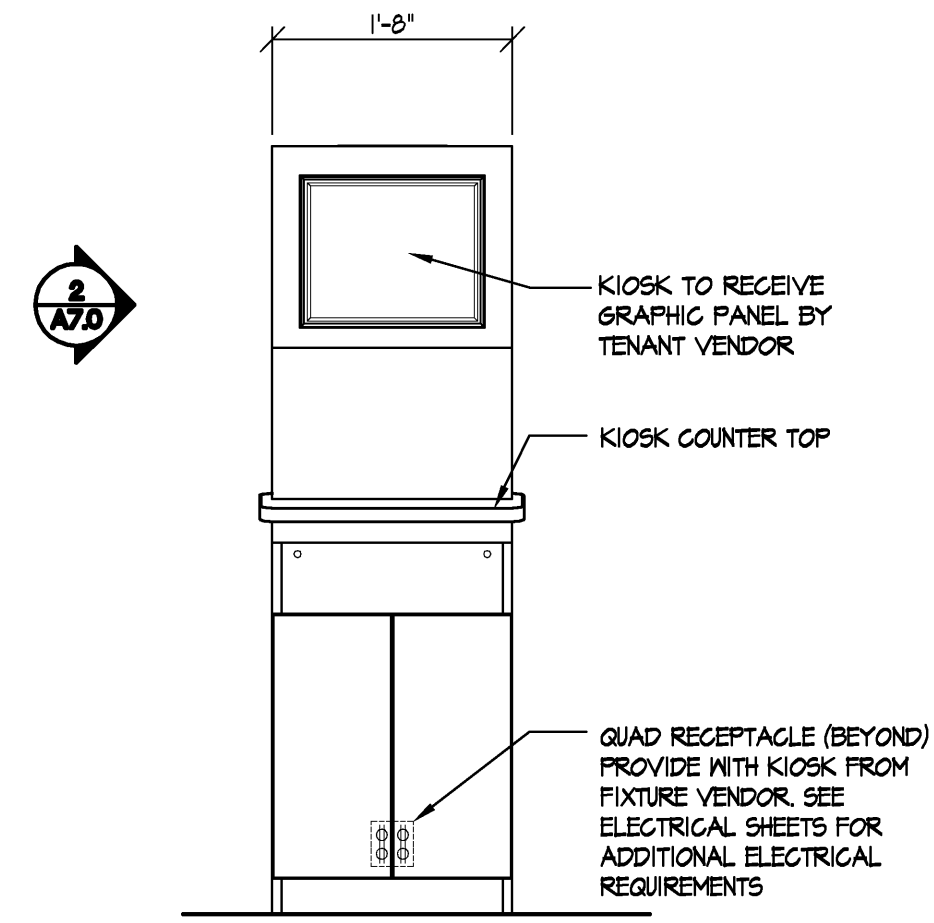
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**WALL FIXTURE
DETAILS**

**theVitamin
Shoppe**
123 N. WEBER ROAD
BOLINGBROOK, IL. 60490

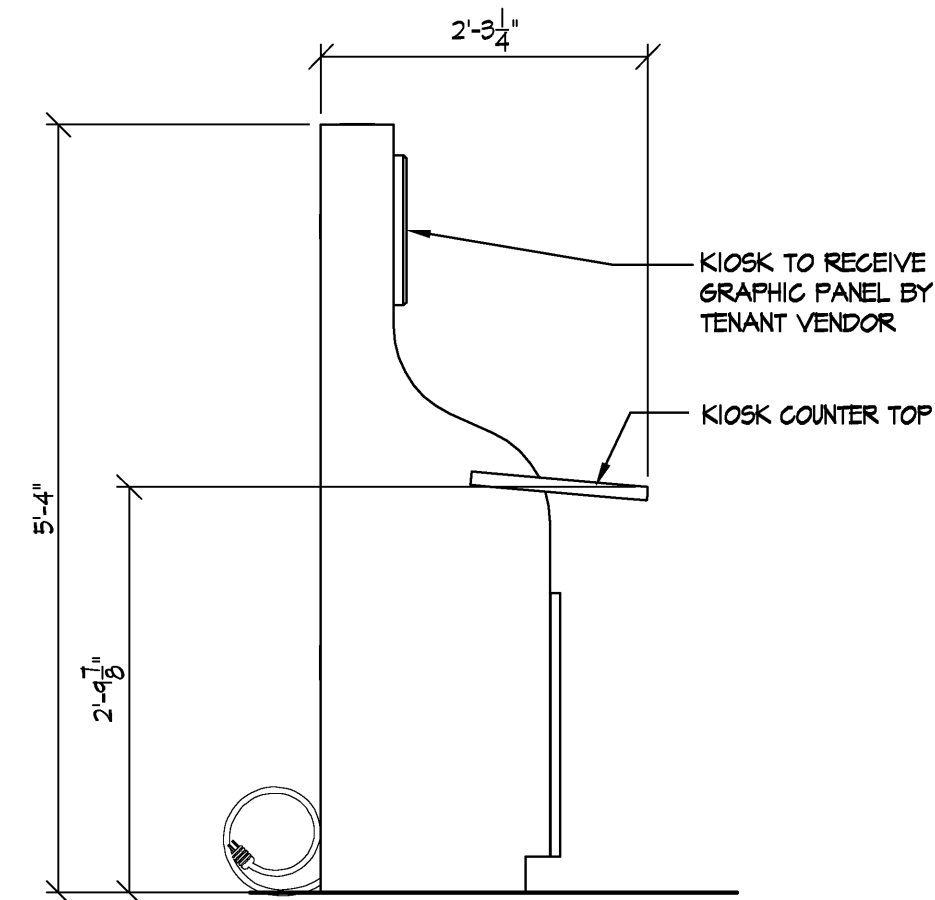
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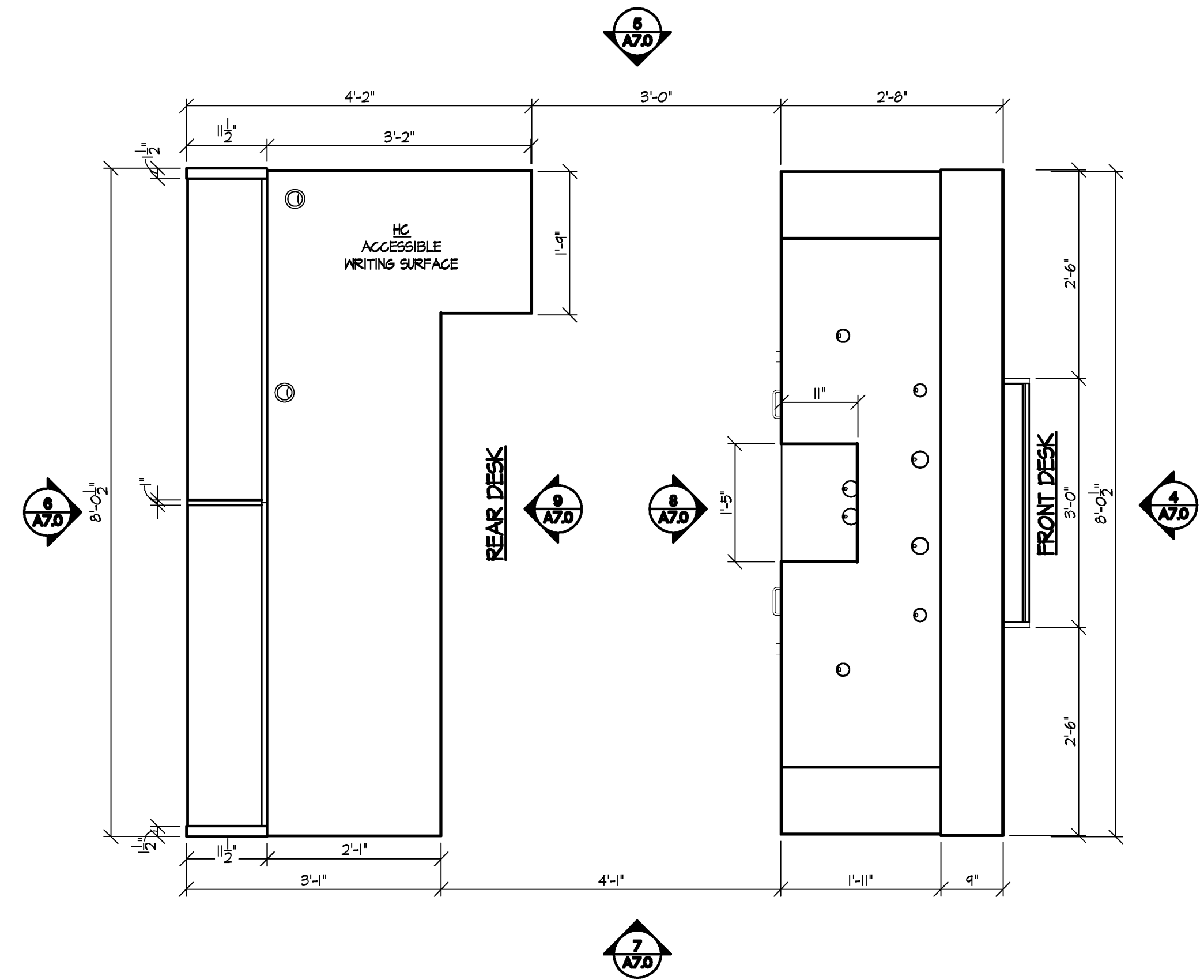


1 ELEVATION • KIOSK
SCALE: 3/4" = 1'-0"

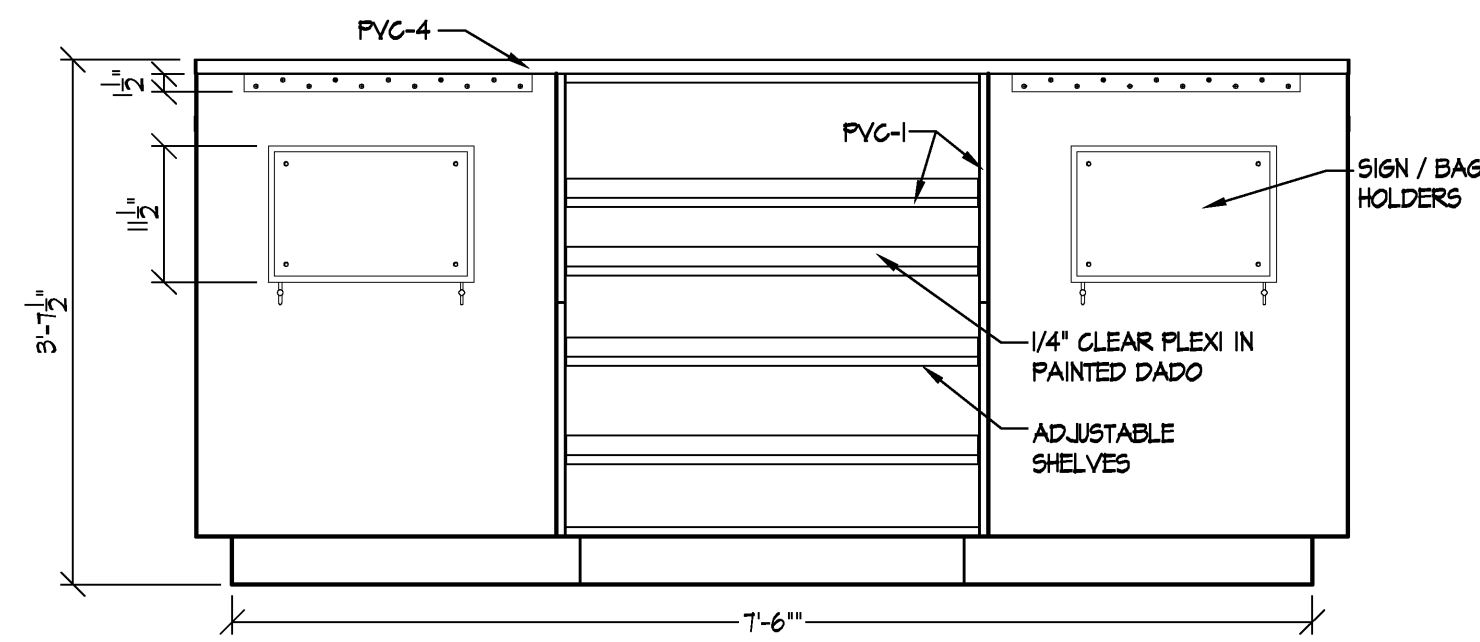
NOTE: FOR LOCATIONS WITH A FLAT WALL KIOSK, G.C. IS TO PROVIDE BLOCKING PER MANUFACTURER'S INSTALLATION REQUIREMENTS.



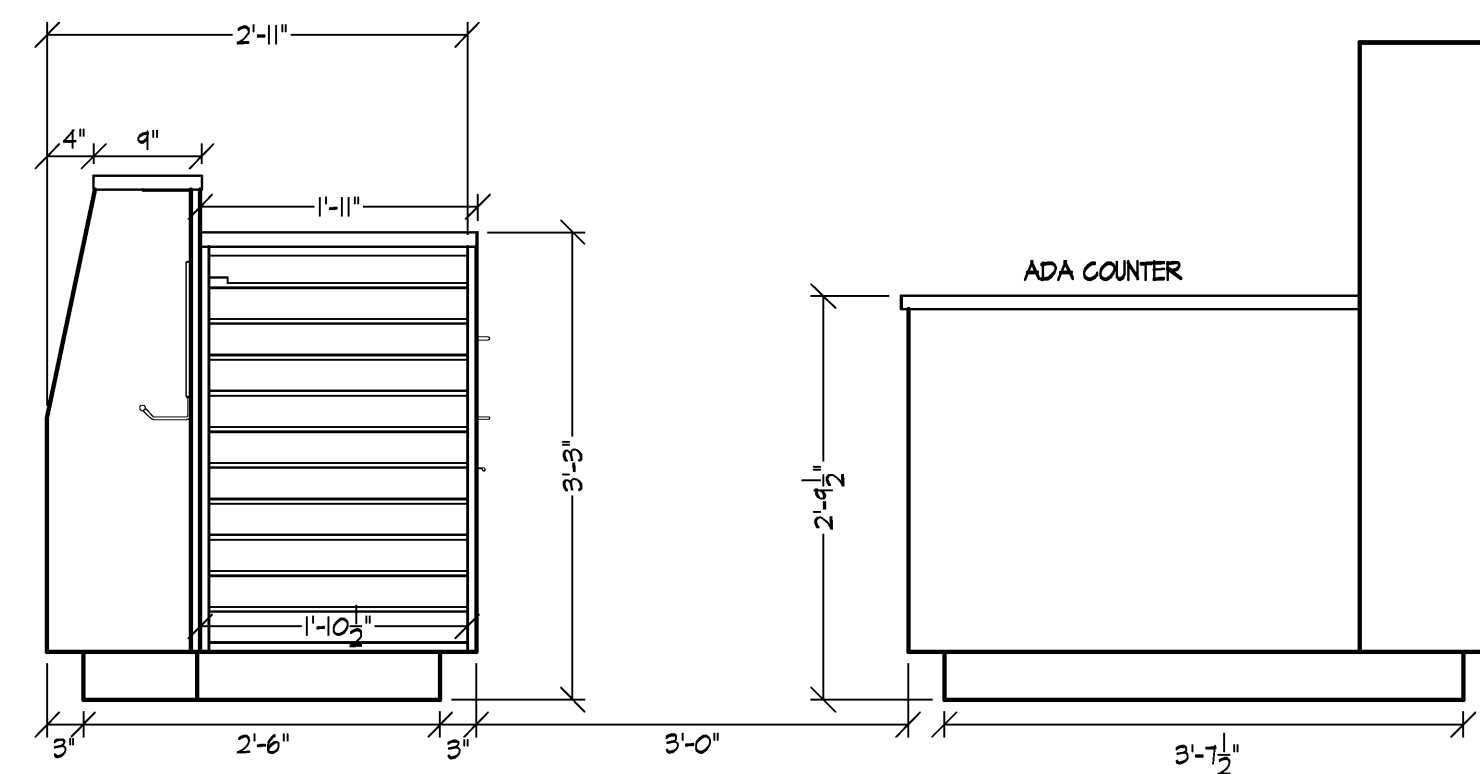
2 ELEVATION • KIOSK
SCALE: 3/4" = 1'-0"



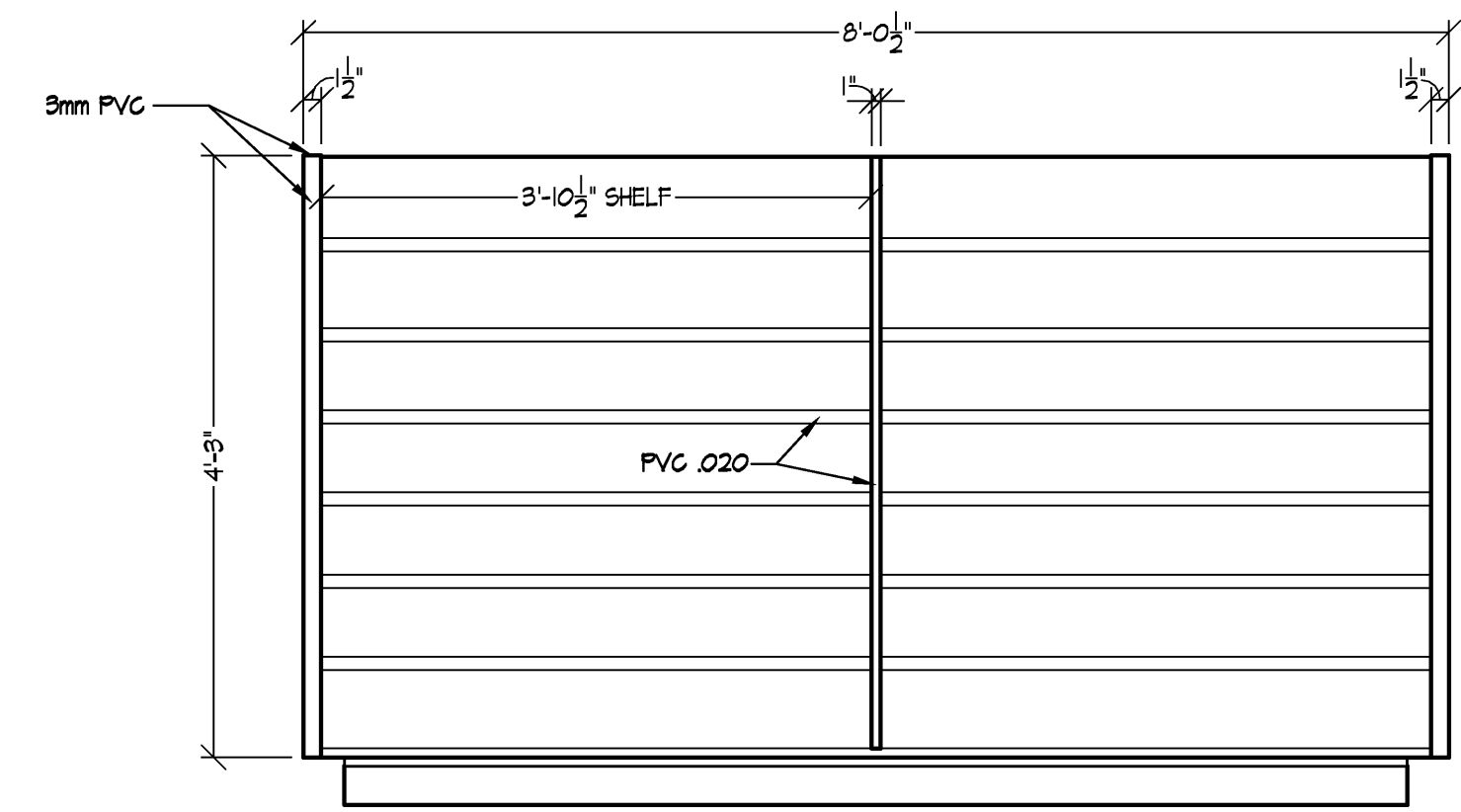
3 CASHWRAP/ BACKWRAP PLAN VIEW
SCALE: 3/4" = 1'-0"



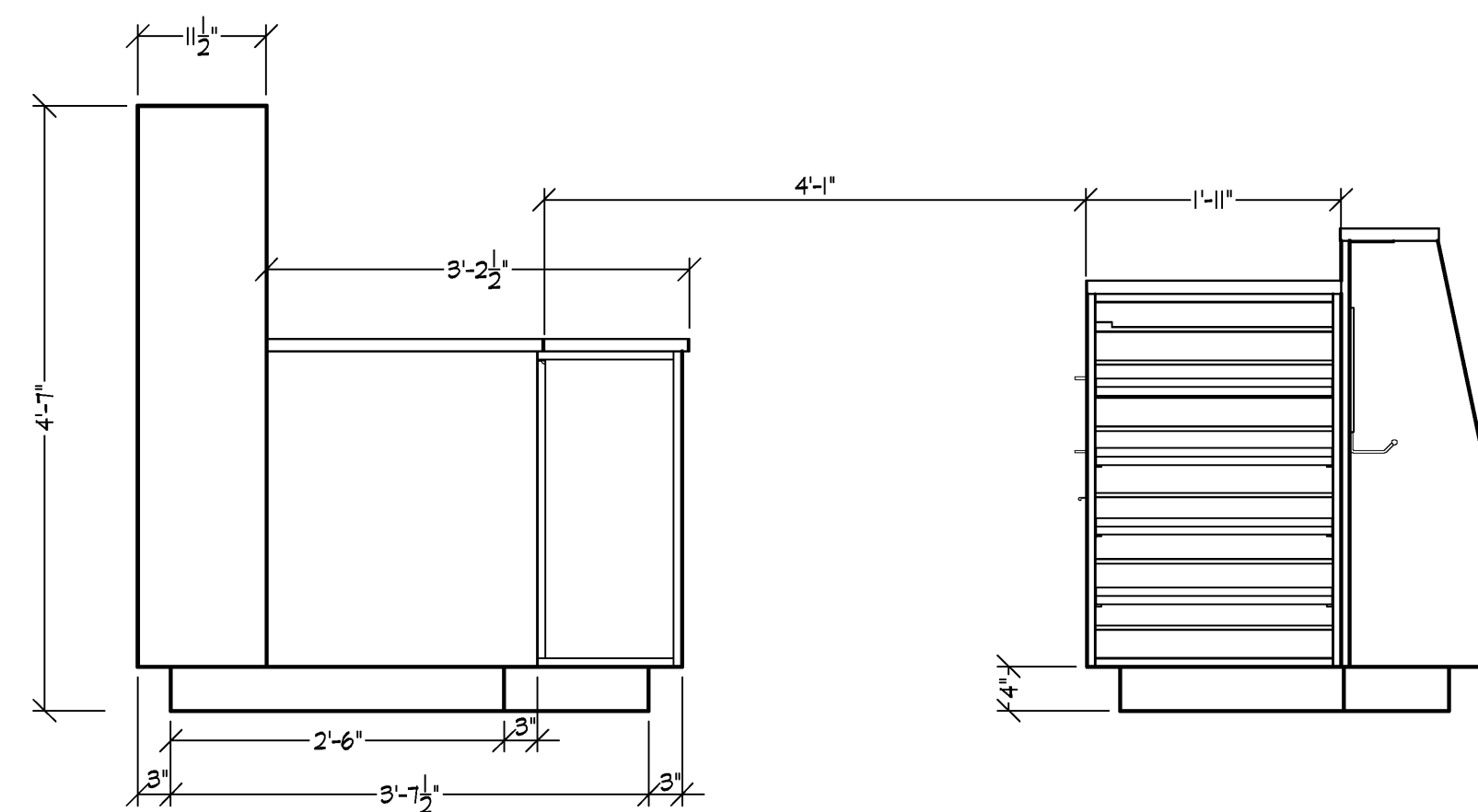
4 CASHWRAP/ BACKWRAP ELEVATION
SCALE: 3/4" = 1'-0"



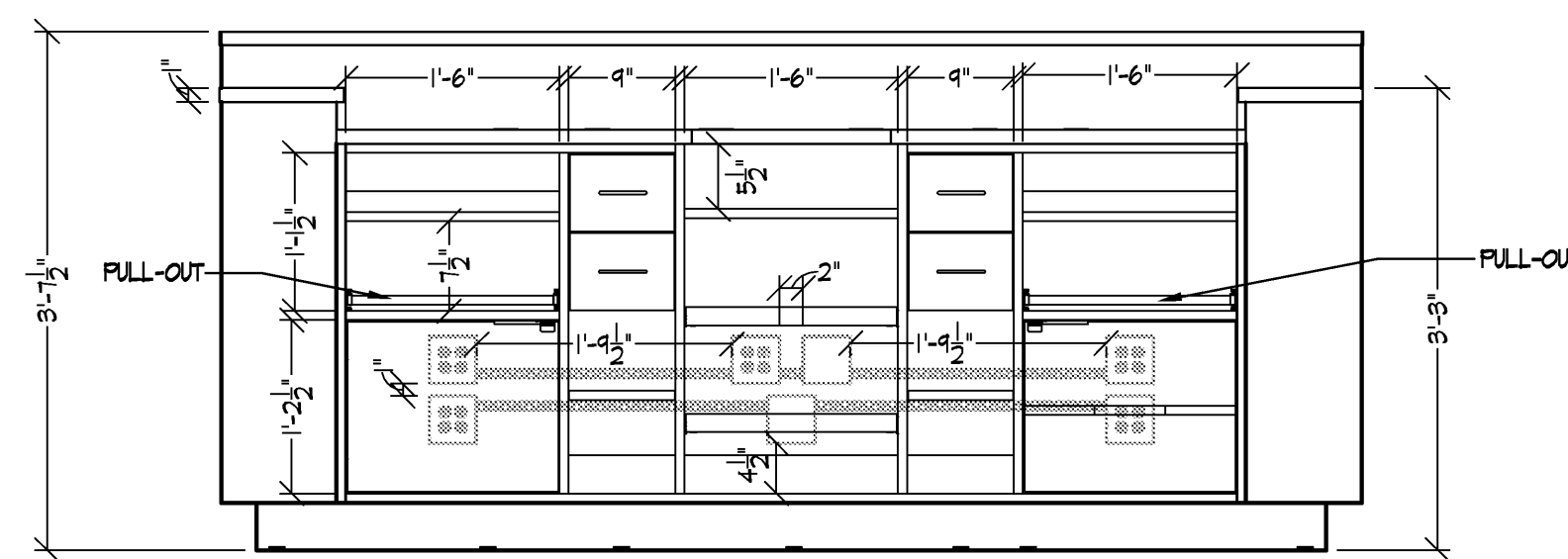
5 CASHWRAP/ BACKWRAP ELEVATION
SCALE: 3/4" = 1'-0"



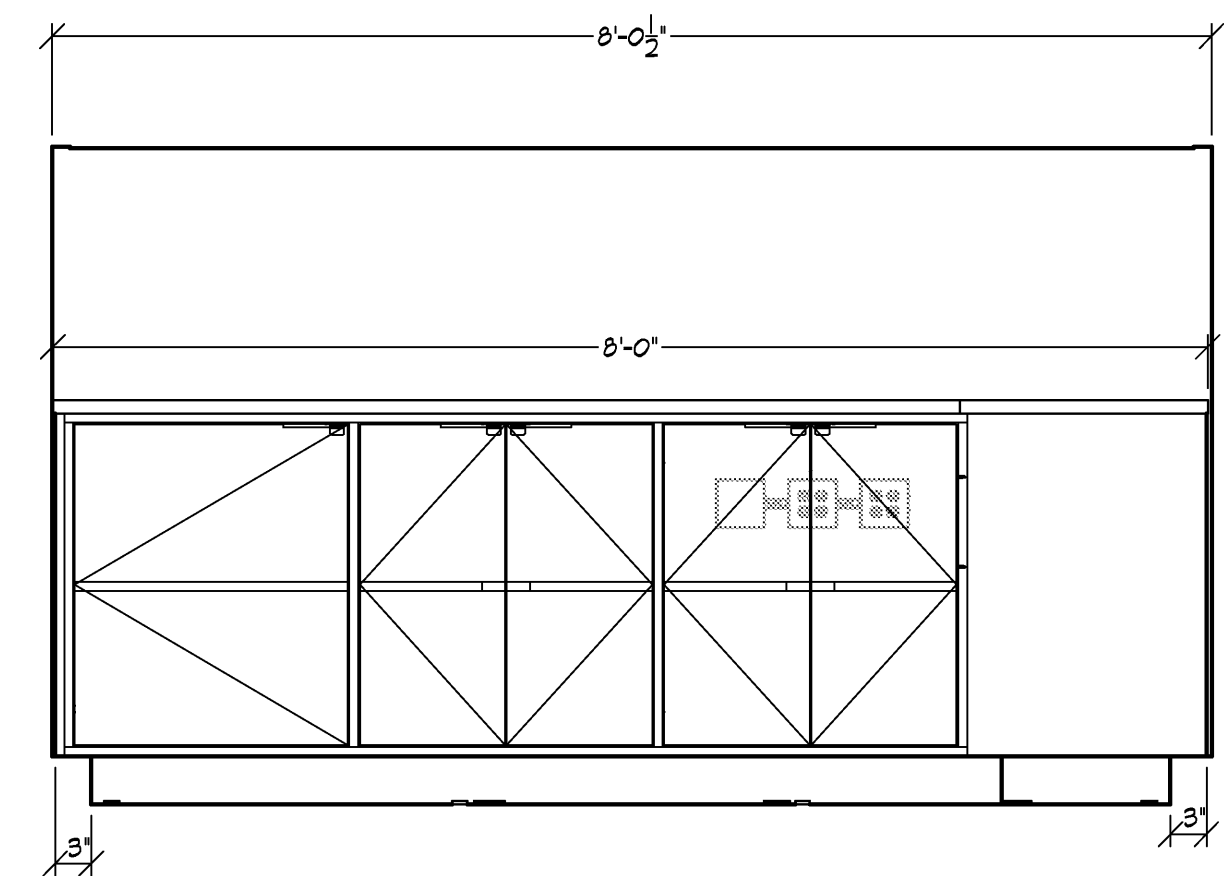
6 CASHWRAP/ BACKWRAP ELEVATION
SCALE: 3/4" = 1'-0"



7 CASHWRAP/ BACKWRAP ELEVATION
SCALE: 3/4" = 1'-0"



8 CASHWRAP/ BACKWRAP ELEVATION
SCALE: 3/4" = 1'-0"



9 CASHWRAP/ BACKWRAP ELEVATION
SCALE: 3/4" = 1'-0"

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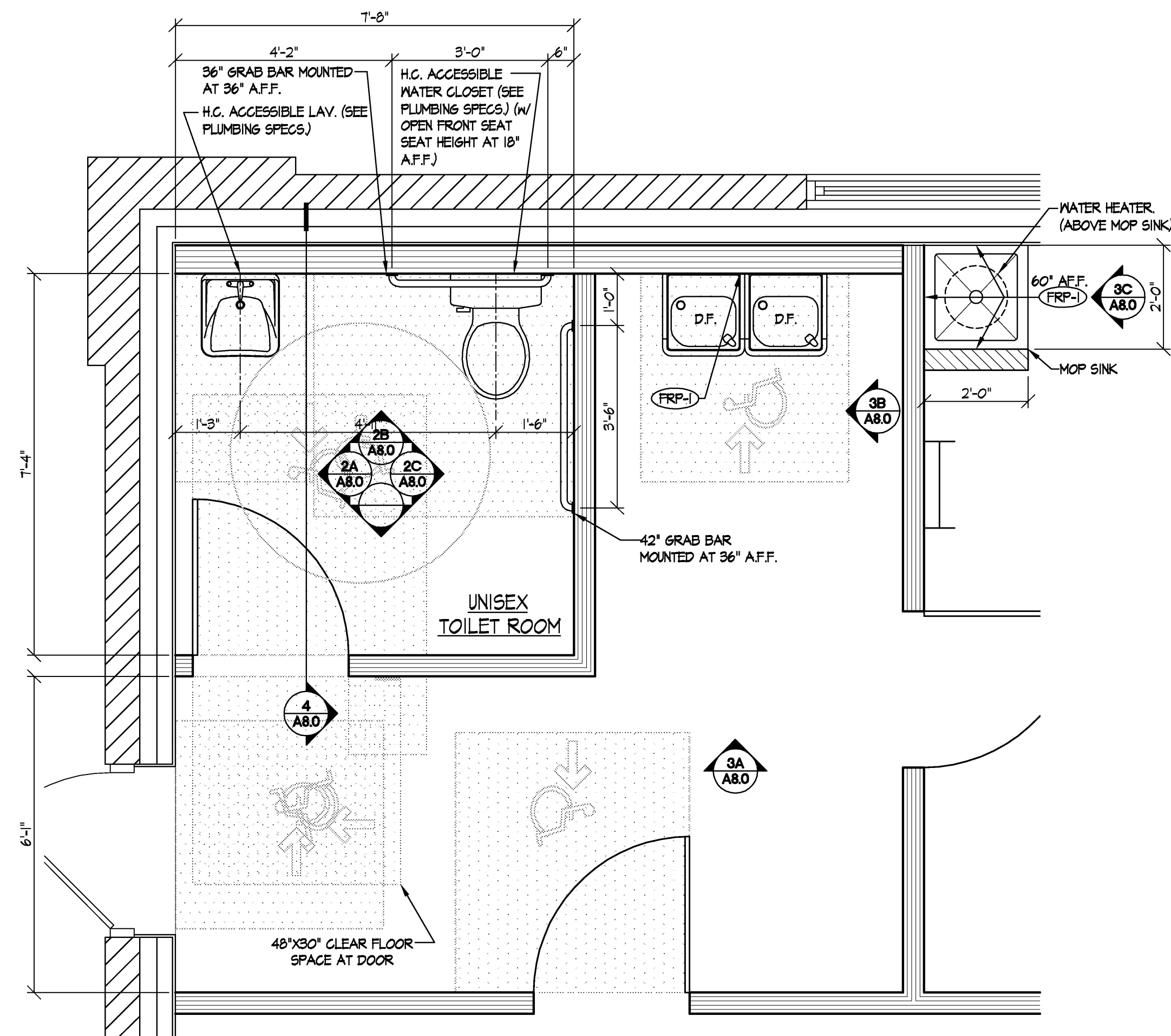
SHEET TITLE:

**KIOSK +
CASHWRAP
DETAILS**

**theVitamin
Shoppe**
123 N. WEBER ROAD
BOLINGBROOK, IL. 60440

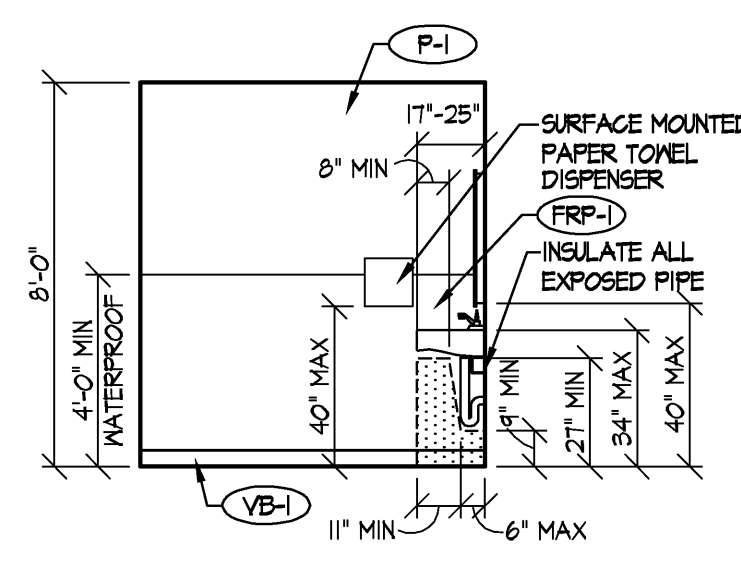
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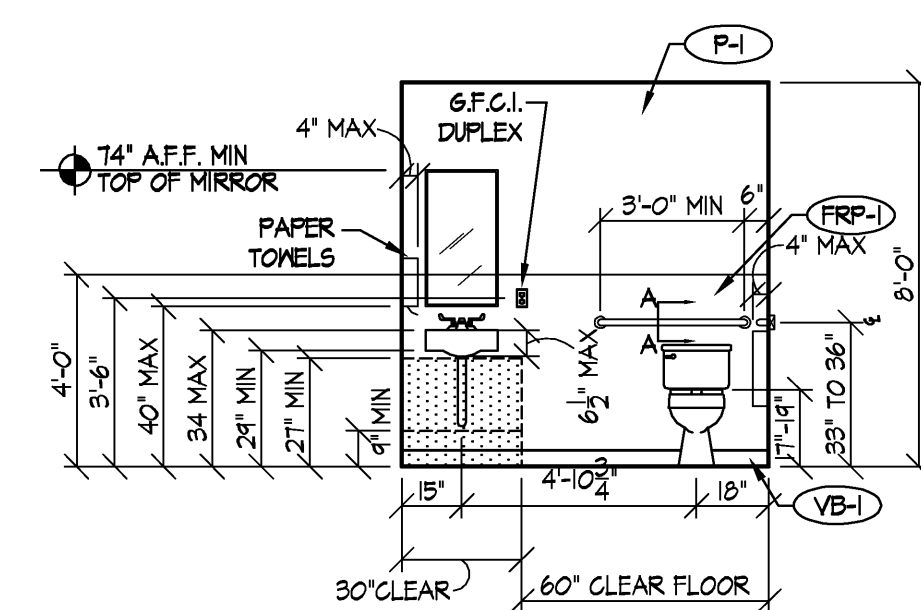


1 ENLARGED TOILET ROOM PLAN
SCALE: 1/2" = 1'-0"

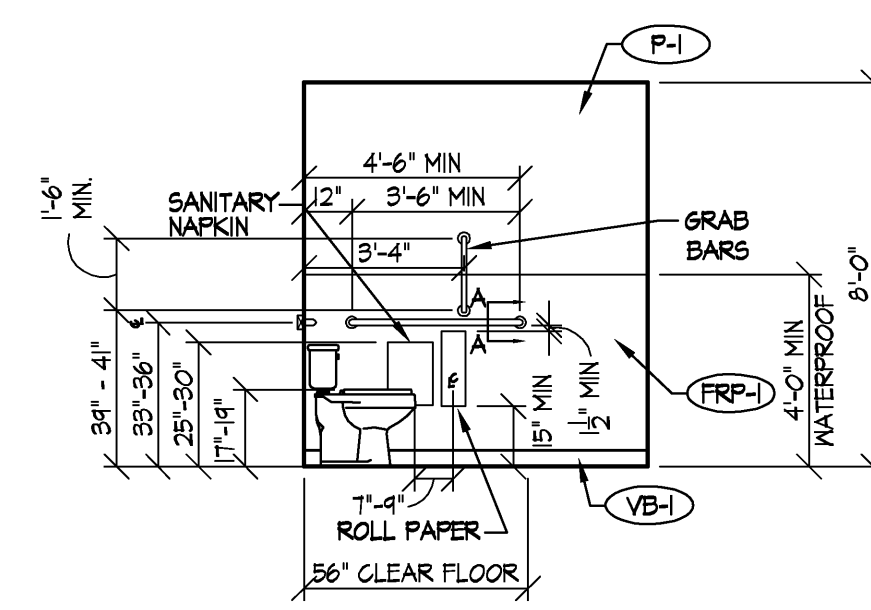
NOTE: G.C. TO PROVIDE ALL BLOCKING AS REQUIRED FOR SECURING ALL TOILET ROOM ACCESSORIES.



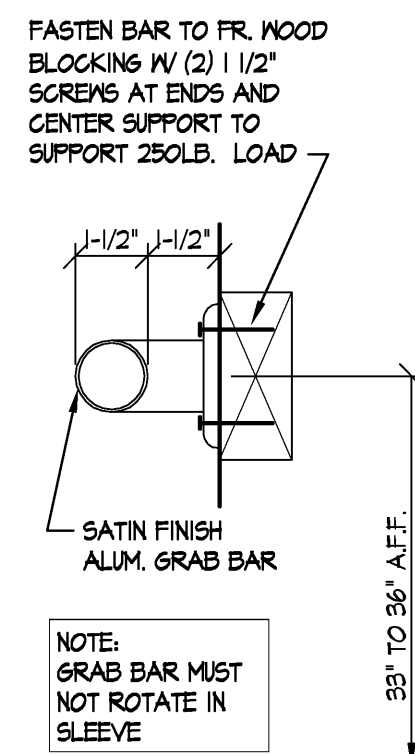
ELEVATION A



ELEVATION B

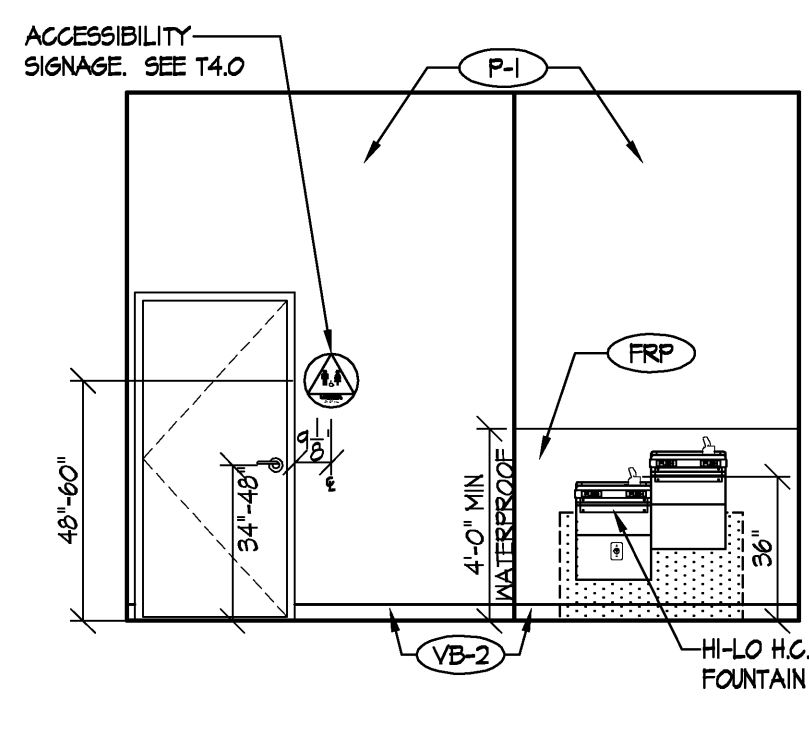


ELEVATION C

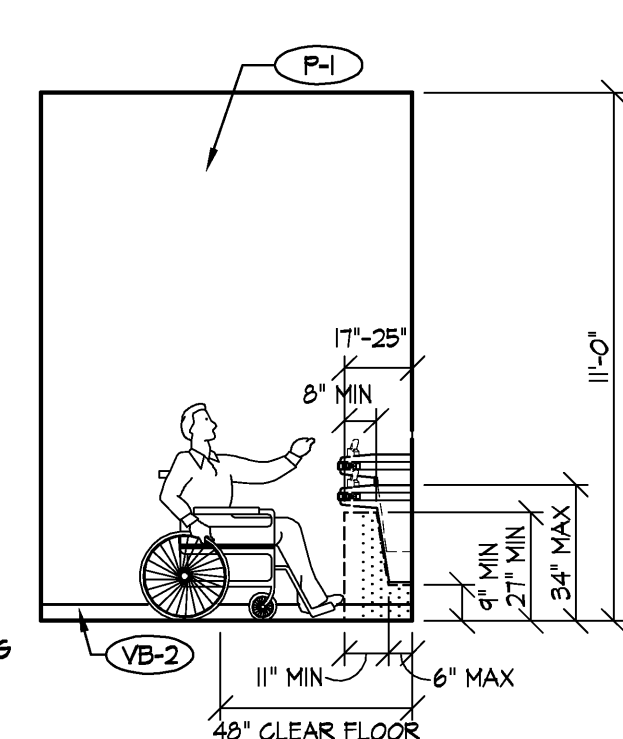


SECTION A-A
SCALE: 3" = 1'-0"

2 TOILET ROOM ELEVATIONS AND NOTES
SCALE: 1/4" = 1'-0"

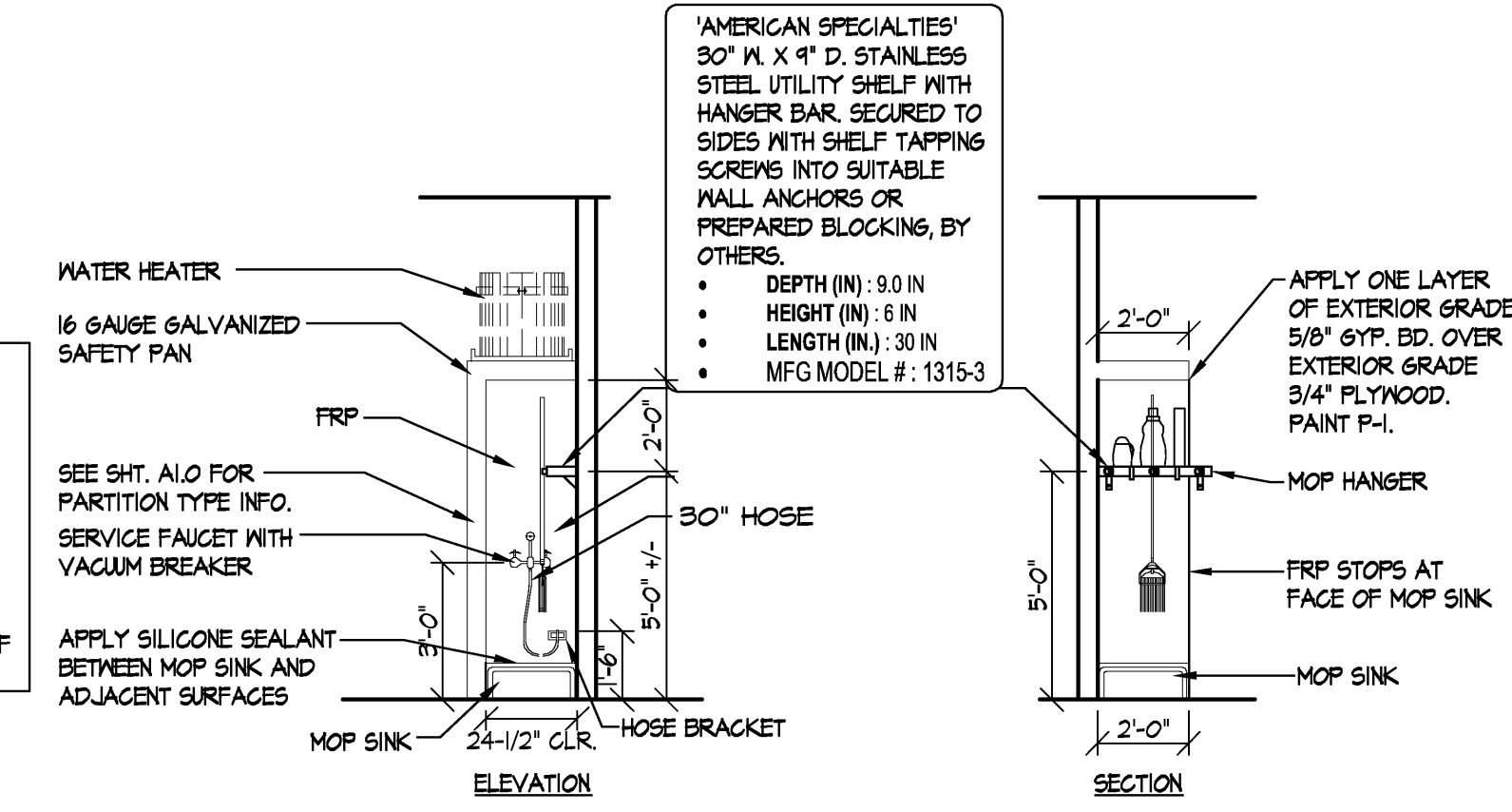


ELEVATION A



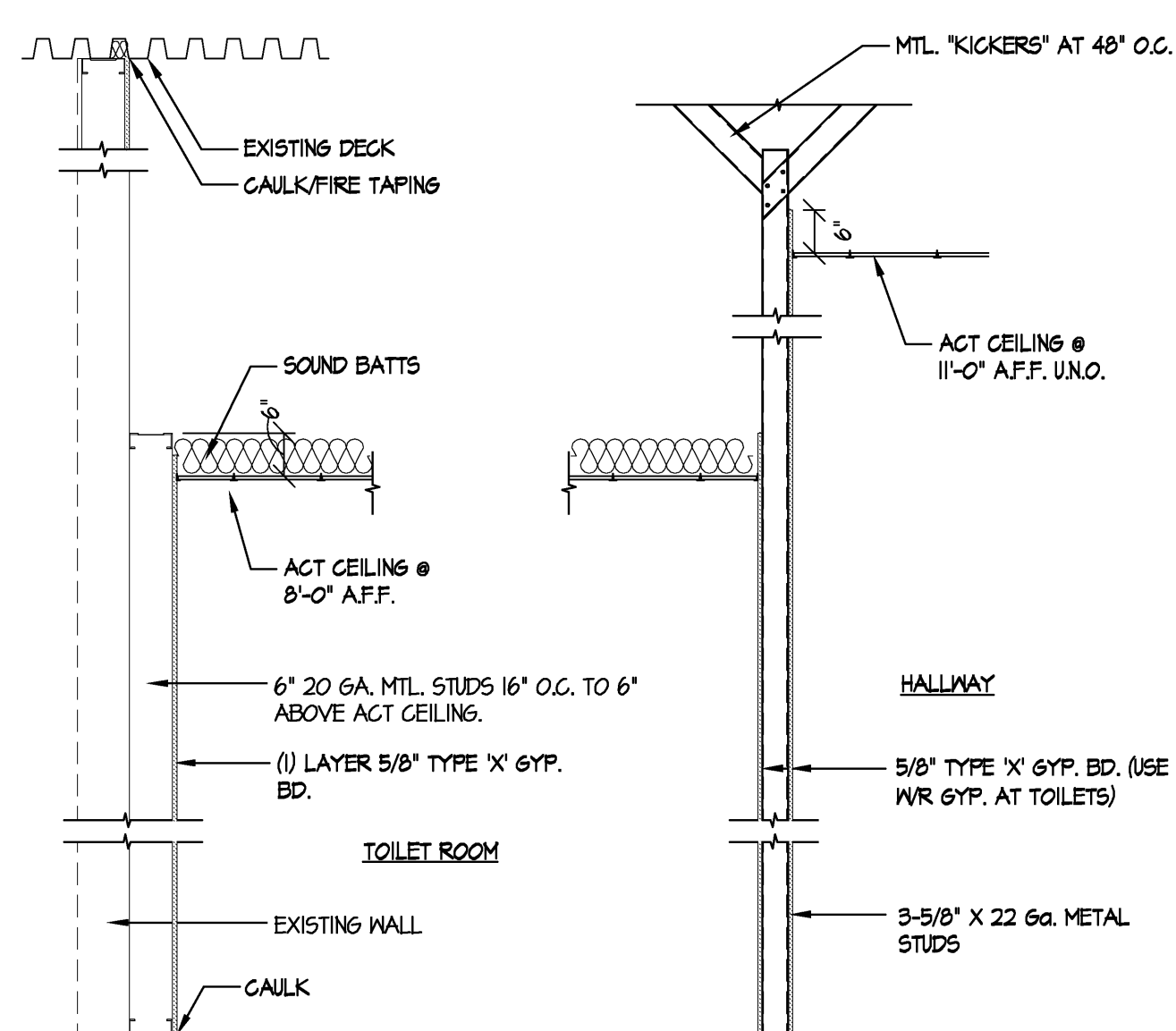
ELEVATION B

NOTE:
1. G.C. IS RESPONSIBLE TO FINISH AND INSTALL ALL ACCESSORIES FOR MOP SINK AREA.
2. G.C. MUST VERIFY THAT CLEAR FINISHED DIMENSIONS OF MOP SINK ALCOVE WILL ALLOW A GOOD AND PROPER FIT OF MOP SINK BASIN.



ELEVATION C

3 WATER COOLER / MOP SINK ELEVATION
SCALE: 1/4" = 1'-0"



4 SECTION • TOILET ROOM
SCALE: 1/2" = 1'-0"

ACCESSORIES

NOTE:
THIS DRAWING REPRESENTS MINIMUM REQUIREMENTS AND IS DIAGRAMATIC ONLY. EXACT LOCATION OF FIXTURES AND CONFIGURATION SHOULD BE COORDINATED WITH CONSTRUCTION DRAWINGS. MODIFY AS REQUIRED. PROVIDE ALL NECESSARY BLOCKING AS REQUIRED FOR ALL PLUMBING FIXTURES AND ACCESSORIES.

GRAB BARS:
(1) ONE AT SIDE WALL 42" LONG (MIN) MOUNTED MAX. 12" FROM FACE OF REAR WALL. (BOBRICK B490 W266 SERIES)
(1) ONE AT BACK WALL 36" LONG (MIN) MOUNTED MAX. 6" FROM FACE OF SIDE WALL. (BOBRICK B490 W 256 SERIES)
(1) ONE AT SIDE WALL 18" LONG (MIN) MOUNTED MAX. 4" FROM FACE OF REAR WALL. (BOBRICK B490 X 18) VERTICAL.

GRAB BARS SHALL BE 1 1/2" CLEAR FROM WALL (1 1/4" DIAMETER) MOUNTED AT 30" AFF TO CENTERLINE. BOBRICK B-490 SERIES WITH 256 SERIES ANCHOR PLATES TO WITHSTAND 250 LB. VERTICAL AND HORIZONTAL PRESSURE. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8". SEE SECTION A-A.

SIGNAGE:
SEE T4.0 FOR REQUIRED HANDICAP SIGNAGE.
PROVIDE SIGN STATING 'EMPLOYEES MUST WASH HANDS BEFORE LEAVING' POSTED ADJACENT TO SINK, AS REQUIRED BY CODE.

ACCESSORIES:
PROVIDE ALL NECESSARY BLOCKING AS REQUIRED FOR TOILET ROOM ACCESSORIES. INSTALL ALL TOILET STALL ACCESSORIES SO AS NOT TO IMPEDE DOOR SWING.

WALL MOUNTED MOP UTILITY SHELF WITH MOP HOLDERS, RAG HOOKS AND DRYING BAR ARRANGEMENT. 3 MOP HOLDERS AND 2 RAG HOOKS. (AMERICAN SPECIALTIES MANUFACTURE PART #B15-3)

G-FOLD TOWEL DISPENSER (BOBRICK MODEL #B 262)

SURFACE MOUNTED SANITARY NAPKIN DISPOSAL. T.O. FIXTURE TO BE MOUNTED 25" TO 30" A.F.F. (BOBRICK MODEL #B 270) - ONLY IN WOMEN'S TOILET ROOM.

WALL MOUNTED SOAP DISPENSER MOUNTED AT 40" A.F.F. (MAX). (BOBRICK MODEL #B 40)

TOILET PAPER DISPENSER (BOBRICK MODEL #B 685) - WITHIN 9" OF LEADING EDGE OF TOILET, AT 1'-7" A.F.F.

24" X 36" CHROME METAL FRAMED MIRROR MOUNTED OVER EACH SINK AS PER LOCAL CODE. (ONE PER TOILET ROOM)

WATER CLOSET FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE OPERABLE, WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST, AND SHALL NOT BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR.

THE FORCE REQUIRED TO ACTIVATE WATER CLOSET FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5 lbs.

WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES AND OTHER SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40" FROM THE FINISHED FLOOR.

LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISHED FLOOR AND WITH A CLEARANCE OF AT LEAST 21" FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30" IN WIDTH AND 8" MINIMUM DEPTH AT THE TOP. THE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR AND A MINIMUM OF 11" DEEP FROM THE FRONT TO THE LAVATORY.

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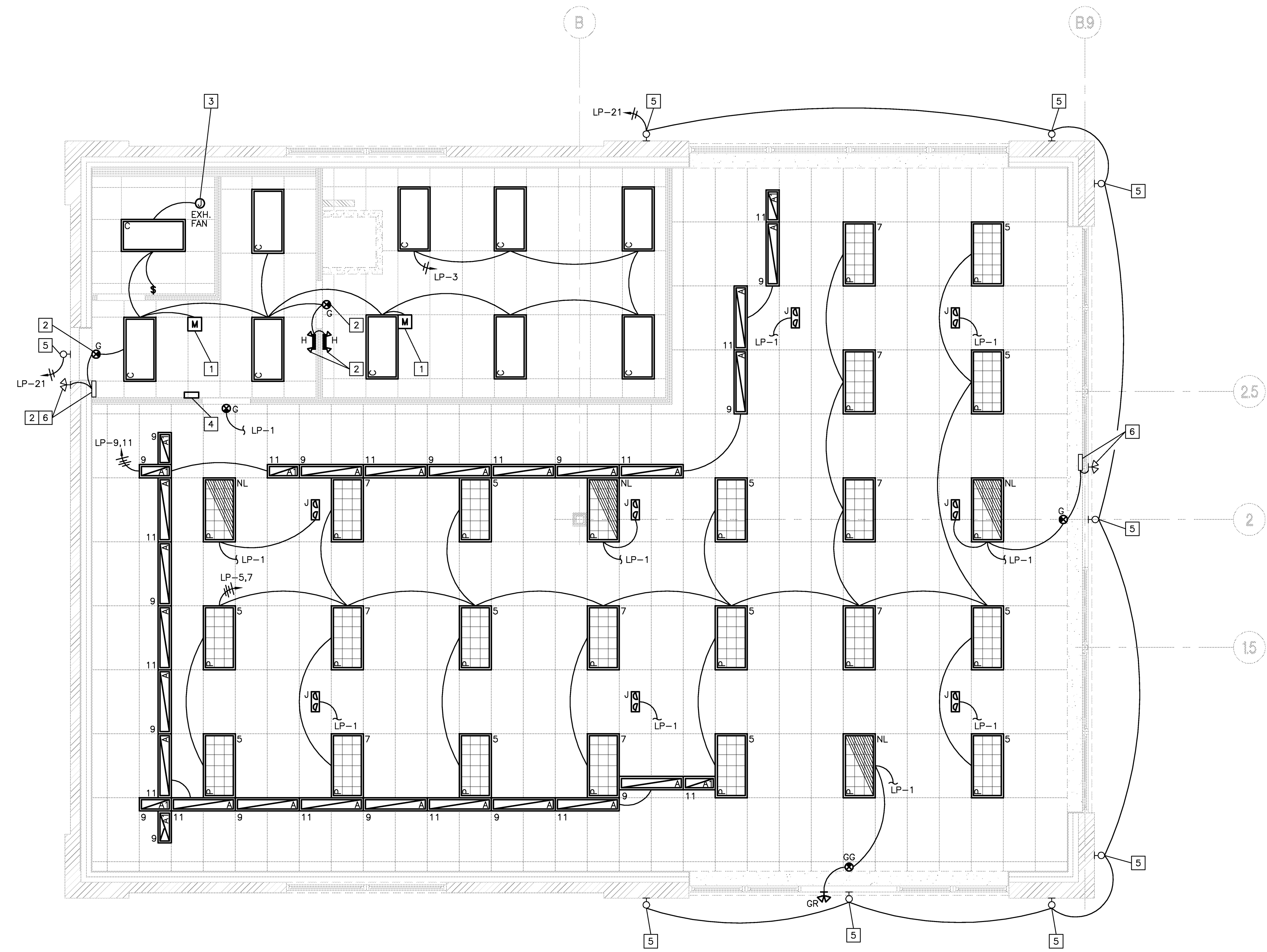
REVISIONS:

PROJECT NO.	130072
DATE:	12/22/14
DRAWN BY:	DLI
STORE NUMBER:	
SCALE:	AS NOTED
SALES AREA	2,400 S.F.
NON SALES	600 S.F.
GROSS AREA	3,000 S.F.

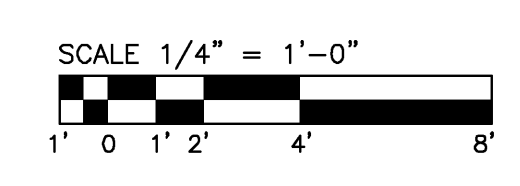
TOILET ROOM PLAN/DTLS.

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123 N. WEBER ROAD
BOLINGBROOK, IL 60440

SHEET NO:
A8.0



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



a	b	c	d
CKT #5 SALES 2x4 LIGHTING	CKT #7 SALES 2x4 LIGHTING	CKT #9 WALLWASH 1x4 LIGHTING	CKT #11 WALLWASH 1x4 LIGHTING

CONTRACTOR TO VERIFY EXACT CONFIGURATION REQUIRED WITH SPACE AVAILABLE. PROVIDE LABELS AS DIRECTED BY OWNER. SWITCHES SHALL NOT BE MOUNTED HIGHER THAN 48"
2 SWITCH BANK
 SCALE: NONE

ELECTRICAL KEYED NOTES:

- BY L.L., INSTALL "THE WATT STOPPER" OCCUPANCY SENSOR MODEL NO. W-500A IN BACK ROOM AREA TO CONTROL GENERAL LIGHTING AS CIRCUITED.
- BY L.L., CONNECT TO UNCONTROLLED LEG OF CIRCUIT.
- BY L.L., CONNECT TO EXHAUST FAN. TOILET LIGHT AND FAN TO BE CONTROLLED BY SINGLE WALL SWITCH
- BY L.L., LIGHTING SWITCH BANK LOCATION. REFER TO DETAIL THIS SHEET
- EXISTING L.L. EXTERIOR LIGHT TO REMAIN. RE-CIRCUIT AS INDICATED.
- EXISTING L.L. EMERGENCY LIGHT AND BATTERY PACK TO REMAIN. RE-CIRCUIT AS INDICATED.

GENERAL NOTES:

- CONTRACTOR TO NOTIFY DESIGNER OF ANY DISCREPANCIES OR CONFLICT IN INTENT IN ACCOMPLISHING CEILING WORK PRIOR TO AWARD OF CONTRACT OR IT WILL BE ASSUMED ALL NECESSARY WORK AND COSTS ARE INCLUDED.
- THE CONTRACTOR PRIOR TO BID, SHALL CHECK AND VERIFY ALL CEILING HEIGHTS, SLAB HEIGHTS FOR CLEARANCES AND INSTALLATION METHODS, HEIGHTS AND LOCATIONS OF ALL DUCTWORK, DIFFUSER UNITS, CONDUIT, JUNCTION BOXES, AND OTHER CEILING INSTALLATION TO BE COORDINATED PRIOR TO INSTALLATION.
- CONTRACTOR SHALL CHECK AND VERIFY ALL CEILING PLENUM CONDITIONS FOR CLEARANCES OF DUCTWORK, LIGHT FIXTURES, SPRINKLERS, ETC., BEFORE PROCEEDING WITH WORK AND SHALL NOTIFY DESIGNER OF ANY DISCREPANCIES.
- ALL FLUORESCENT LIGHT FIXTURES TO HAVE ELECTRONIC BALLAST/COOL WHITE BULBS. REFER TO ELECTRIC PANEL SCHEDULE FOR LIGHTING FIXTURE VOLTAGE REQUIREMENTS.
- ALL SWITCH PLATES AND OUTLET PLATES TO BE WHITE.
- ALL LIGHT SWITCHES SHALL BE INSTALLED 44" AFF WITH CENTER LINE OF FIRST SWITCH 6" FROM ADJACENT DOOR BUCK OR ADJACENT WALL INTERSECTION UNLESS OTHERWISE NOTED. WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN GANG TYPE BOX UNDER ONE COVER PLATE.

LIGHT FIXTURE SCHEDULE							
	DESCRIPTION	LAMPING	FIXTURE WATTS	VOLTAGE	MANUFACTURER	CATALOGUE #	REMARKS
	4'-0" FLUORESCENT PERIMETER RECESSED WALLWASH FIXTURE	(2) 40W BIAX P-30044-2 (BIAX)	72	UNIV	METALUX	RWW-T1BX40MI-UNV-EB51	BY L.L.
	2'-0" FLUORESCENT PERIMETER RECESSED WALLWASH FIXTURE	(1) 40W BIAX P-30044-2 (BIAX)	41	UNIV	METALUX	RWW-1BX40MI-UNV-EB51	BY L.L.
	2x4 PRISMATIC RECESSED W/ T8 FLUORESCENT LAMPS	(3) T8 4'-0"	93	UNIV	METALUX	2GR8-332A-UNV-EB81	BY L.L.
	LED EMERGENCY EXIT SIGNS	INCLUDED	5	120/277	ASTRALITE INC	TP-U-R-W-EM	BY L.L.
	LED EMERGENCY EXIT W/ REMOTE HEAD CAPACITY	INCLUDED	10	120/277	ASTRALITE INC	LG-150-R-W-NC	BY L.L.
	WEATHERPROOF REMOTE EMERGENCY WITH (2) HEADS	INCLUDED (2) 5.4W	--	6V	ASTRALITE INC	REM-1-2H-W-A	BY L.L.
	EMERGENCY LIGHT (2) HEAD SEMI-RECESSED WALL MOUNTED	INCLUDED (2) 5.4W	10	120/277	ASTRALITE INC	EU-3-7-W-NC	BY L.L.
	EMERGENCY LIGHT (2) HEAD SEMI RECESSED CEILING MOUNTED	INCLUDED (2) 5W	10	120/277	ASTRALITE INC	TP300-12-W-NC	BY L.L. PROVIDE CADDY-BAR FOR ACT INSTALL CAD-24
	2x4 T8 CELL PARABOLIC RECESSED W/ T8 FLUORESCENT LAMPS	(3) T8 4'-0"	93	UNIV	TEXAS FLUORESCENTS	PARA-18C-332-MV	BY L.L.

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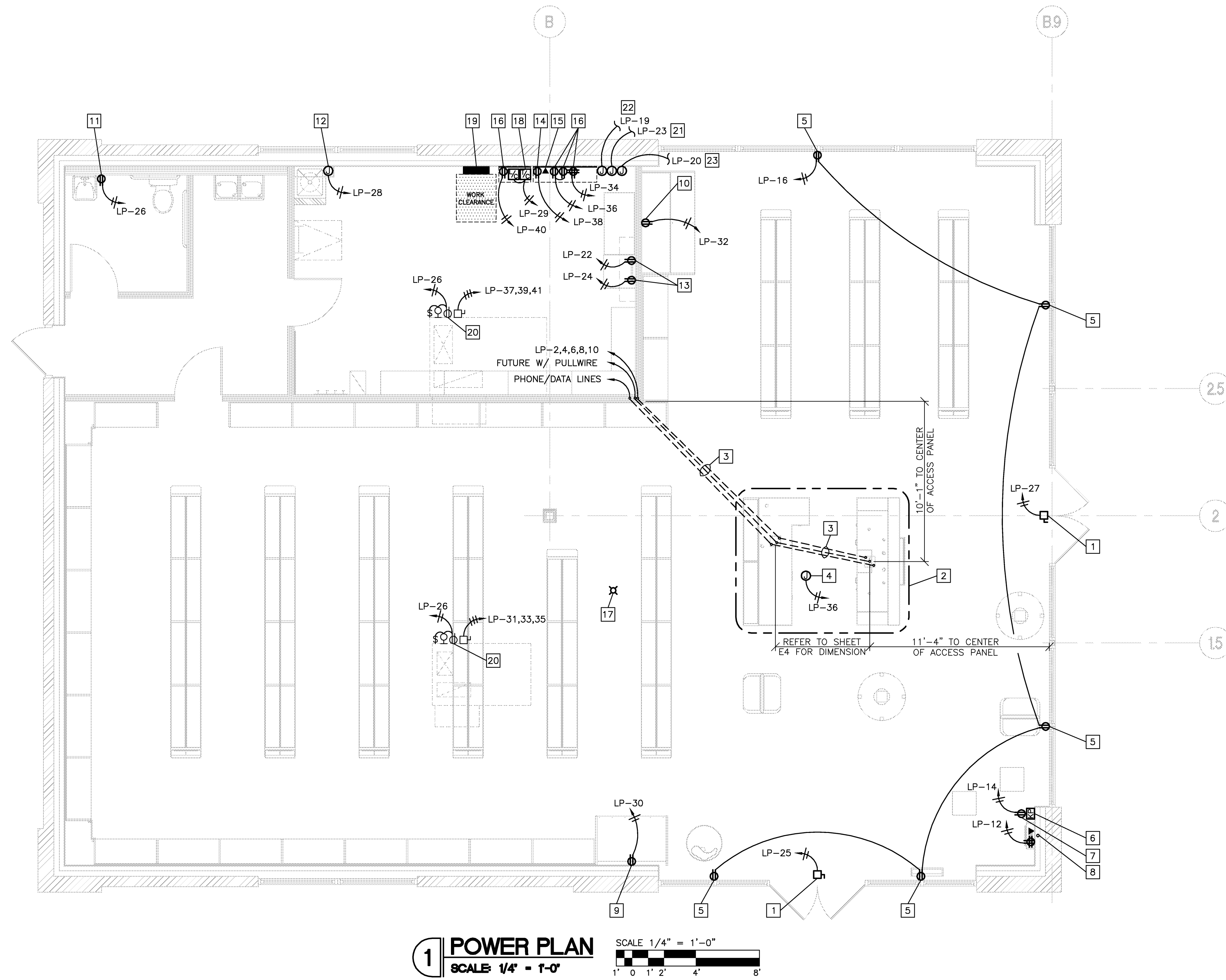
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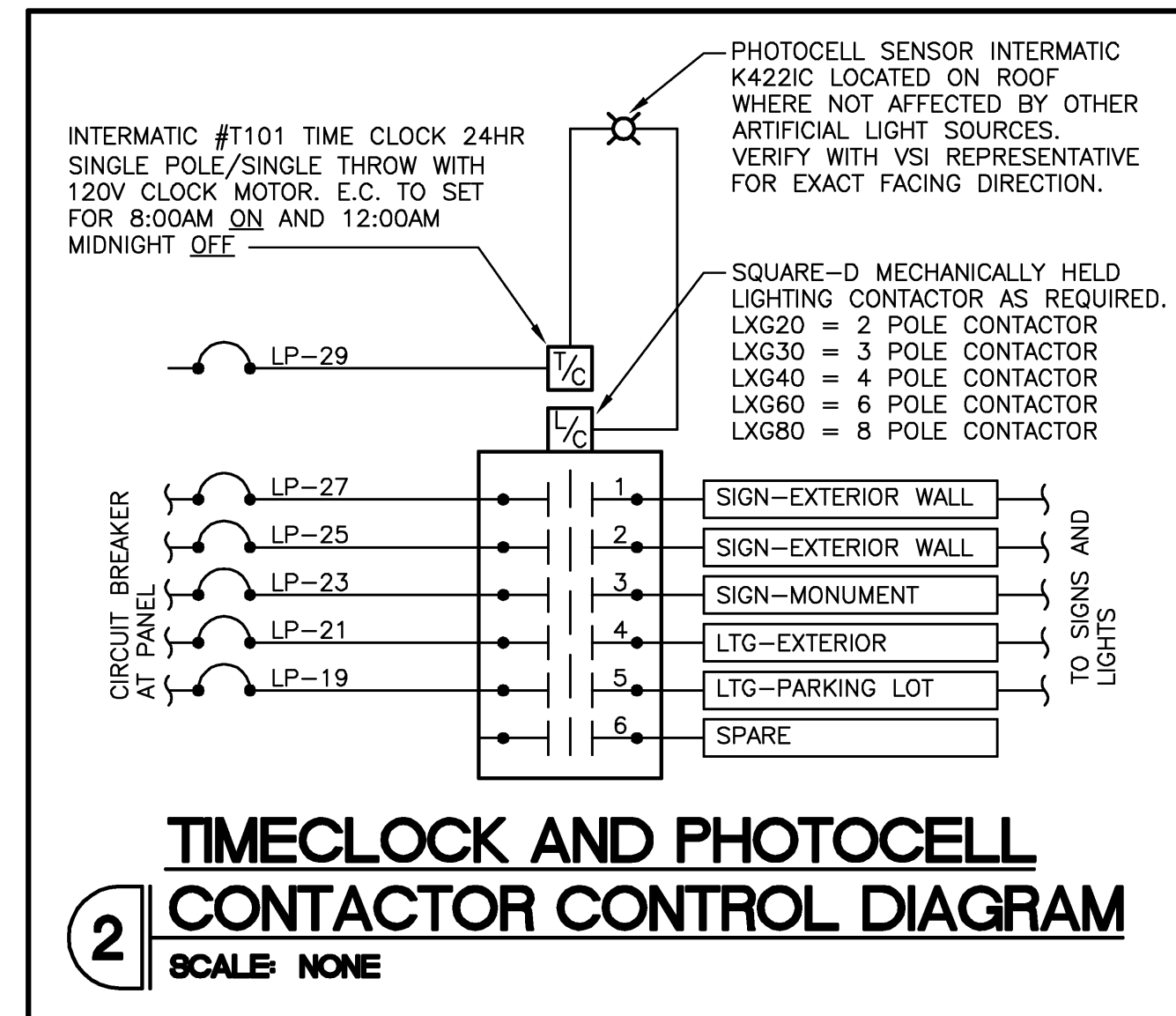
SHEET TITLE:
LIGHTING PLAN

SHEET NO:

E1.0



1 POWER PLAN
SCALE: 1/4" = 1'-0"
SCALE 1/4" = 1'-0"
1' 0' 1' 2' 4' 8'



2 TIMECLOCK AND PHOTOCELL CONTACTOR CONTROL DIAGRAM
SCALE: NONE

ELECTRICAL NOTES	
1	BY L.L. PROVIDE EXTERIOR SIGN J-BOX WITH CIRCUIT(S) ABOVE FIN. CEILING FOR ILLUMINATED SIGNS. VERIFY DISCONNECT SWITCH PER NEC 600 IS PROVIDED WITH SIGNAGE. ELECTRICAL CONTRACTOR TO PROVIDE ALL NECESSARY HOLES, CUTOUTS AND CONDUITS TO FEED WIRES THRU EXTERIOR WALLS. COORDINATE EXACT LOCATION WITH SIGN CO. AND MAKE ALL TERMINATION'S AND FINAL CONNECTIONS TO SIGN AND TIME CLOCK, AS REQUIRED TO COMPLETE THE INSTALLATION.
2	CASHWRAP TO BE PREWIRED BY FIXTURE MFG. REFER TO SHEET E4 FOR CASHWRAP DETAILS AND REQUIREMENTS.
3	BY L.L. PROVIDE CONDUITS IN FLOOR AS REQUIRED PER DETAILS ON SHEET E4. EXTEND CONDUITS TO THE ELECTRICAL PANELS AND PER TELEPHONE BACKBOARD DETAIL AS SHOWN ON DRAWING E3. CONDUITS AT CASHWRAP TO STUB-UP TO PRE-INSTALLED J-BOX FOR FINAL WIRING CONNECTION
4	BY L.L. ELECTRICAL JUNCTION BOX LOCATED ABOVE ACOUSTICAL TILE CEILING AT CASH/WRAP AREA FOR FUTURE SECURITY CAMERA
5	BY L.L. DUPLEX RECEPTACLE MOUNTED FLUSH IN CEILING OF SHOW WINDOW PER NEC 210-62
6	BY L.L. PROVIDE J-BOX AND CONDUIT WITH PULLSTRING LOCATED AT STOREFRONT FOR KEY PAD AND WIRING BY SECURITY VENDOR. COORDINATE EXACT LOCATION WITH SECURITY VENDOR AND TENANT REPRESENTATIVE.
7	BY L.L. DUPLEX GROUNDED RECEPTACLE (COLOR WHITE), FLUSH MOUNTED VERTICAL IN WALL AT 15" A.F.F. FOR GENERAL USE.
8	BY L.L. PROVIDE (1) 1" CONDUIT FOR LIBRARY KIOSK, EXTEND CONDUITS TO THE TELEPHONE BACK BOARD AS SHOWN ON DETAIL 2/E3. SEE DETAIL ON SHEET A7 FOR DIMENSIONS OF POWER.
9	BY L.L. 48" CLOSED DOOR COOLER. DEDICATED OUTLETS ON 24 HR. CIRCUIT, PROVIDE 120V 5-20R RECEPTACLE MOUNTED AT CENTERLINE OF COOLER @ 15" A.F.F.
10	BY L.L. 72" CLOSED DOOR COOLER. DEDICATED OUTLETS ON 24 HR. CIRCUIT, PROVIDE 120V 5-20R RECEPTACLE MOUNTED AT CENTERLINE OF COOLER @ 15" A.F.F.
11	BY L.L. G.F.C.I. DUPLEX RECEPTACLE MTD 42" A.F.F.
12	BY L.L. PROVIDE J-BOX. FOR WATER HEATER.
13	BY L.L. CONVENIENCE OUTLET FOR REFRIGERATOR MTD 12" A.F.F. AND MICROWAVE MTD. 42" A.F.F.
14	BY L.L. DEDICATED DUPLEX OUTLET FOR ALARM PANEL MOUNTED ON TELEPHONE BACKER BOARD. COORDINATE EXACT LOCATION WITH SECURITY VENDOR AND TENANT REPRESENTATIVE. SEE DETAIL #2/E3
15	BY L.L. PHONE JACK (RJ 31X) AND OUTLET FOR SECURITY AND FIRE ALARM SYSTEMS WHERE REQUIRED VERIFY QUANTITIES AND LOCATION. CONNECT TO TELEPHONE LINE. SEE DETAIL #2/E3
16	BY L.L. DUPLEX RECEPTACLES FOR STEREO, DVR, NETWORK EQUIP., AND CCTV. SEE DETAIL #2/E3 FOR EXACT LOCATIONS.
17	BY L.L. PHOTOCELL. SEE DETAIL THIS SHEET
18	BY L.L., TIMECLOCK AND CONTACTORS. REFER TO DETAIL THIS SHEET
19	PANEL "LP". REFER TO PANEL SCHEDULE AND ONE-LINE DIAGRAM
20	EXISTING BY L.L. WEATHERPROOF G.F.C.I. RECEPTACLE & SWITCHED LIGHT TO REMAIN. RECIRCUIT AS INDICATED.
21	IF NOT EXISTING, LANDLORD SHALL PROVIDE 3/4" CONDUIT AND CIRCUIT(S) UNDERGROUND TO MONUMENT SIGNAGE. FIELD VERIFY EXACT REQUIREMENTS
22	IF NOT EXISTING, LANDLORD SHALL PROVIDE 3/4" CONDUIT AND CIRCUIT(S) UNDERGROUND TO PARKING LOT LIGHTS. FIELD VERIFY EXACT REQUIREMENTS
23	IF NOT EXISTING, LANDLORD SHALL PROVIDE 1/2" CONDUIT AND CIRCUIT(S) UNDERGROUND TO IRRIGATION PANEL. FIELD VERIFY EXACT REQUIREMENTS

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REGISTRATION SEAL

REVISIONS:

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NON SALES	600 S.F.
GROSS AREA	3,000 S.F.

SHEET TITLE:

POWER PLAN

RESPONSIBILITY OF WORK

IT IS THE RESPONSIBILITY OF THE G.C. TO FIELD VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE SCOPE OF WORK FOR THIS PROJECT. G.C. SHALL REPORT ANY PROBLEMS AND/OR DISCREPANCIES TO ARCHITECT AND TENANT PRIOR TO STARTING WORK.

NO CHANGE ORDERS WILL BE ACCEPTED AFTER START OF WORK UNLESS DUE TO HIDDEN CONDITIONS OR CHANGES DIRECTED BY TENANT REPRESENTATIVE.

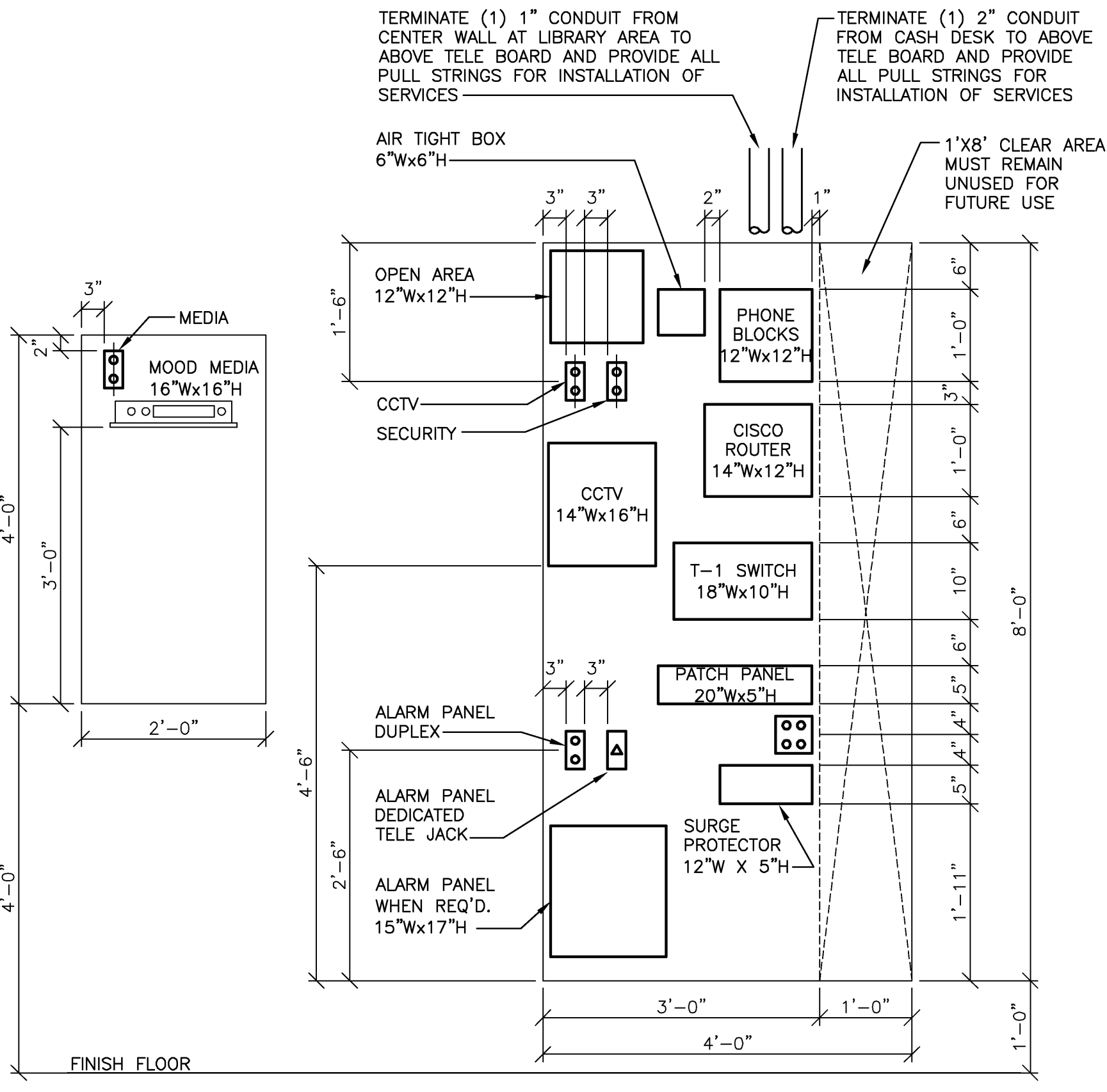
THE RESPONSIBILITY SCHEDULE ON SHEET T3.0 SUPERSEDES ALL OTHER DRAWINGS IN THE PLAN SET WHERE A CONFLICT IN SCOPE OCCURS.

FIRE ALARM SYSTEM

PRIOR TO BID, LANDLORD G.C. SHALL FIELD VERIFY EXACT REQUIREMENTS FOR SMOKE/FIRE ALARM SYSTEM. REUSE ANY EXISTING DETECTION SYSTEM. REPLACE ANY DEFECTIVE DEVICES. IF THERE IS NOT AN EXISTING SYSTEM, G.C. SHALL SUPPLY AND INSTALL ALL NECESSARY EQUIPMENT (SMOKE DETECTORS, AUDIO/VISUAL ALARMS, FIRE ALARM PANEL, CONDUIT, WIRE, ETC.) FOR A NEW SYSTEM AS MAY BE REQUIRED BY LANDLORD AND/OR LOCAL FIRE MARSHALL. INSTALL SMOKE DETECTORS IN SUPPLY OR RETURN DUCTWORK AS REQUIRED BY LOCAL AUTHORITY. LANDLORD G.C. SHALL SUBMIT COMPLETE FIRE ALARM DRAWINGS PER REQUIREMENTS OF BUILDING AND FIRE DEPT'S FOR SEPARATE PERMIT.

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BOLINGBROOK, IL. 60440

SHEET NO:
E2.0



2 TELEPHONE BOARD DIAGRAM

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

TELEPHONE BOARD 3/4" PLYWOOD MUST BE PAINTED (P-1) PRIOR TO INSTALLATION.

ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAKING FINAL CONNECTIONS TO THE MUSIC SYSTEM AS PART OF THE SCOPE OF WORK, COORDINATE ALL REQUIREMENTS WITH TENANT AND MUSIC REP PRIOR TO INSTALLATION

TENANT TELCO VENDOR TO DO ALL CONNECTION / TERMINATION FOR ALL TELEPHONE JACKS. TELEPHONE COMPANY BRINGS LINE TO TELEPHONE BOARD IN TENANT SPACE. IT IS THE RESPONSIBILITY OF TELCO VENDOR TO COMPLETE INSTALLATION OF TELEPHONE LINES, JACKS, AND PHONES FROM TEL. BOARD IN TENANT SPACE TO POINT OF TERMINATION.

G.C. IS RESPONSIBLE FOR THE EXTENSION OF TELEPHONE SERVICE WITHIN 2" CONDUIT FROM NEAREST TELEPHONE COMPANY SERVICE POINT TO TENANT TELEPHONE EQUIPMENT BACKER BOARD.

ELECTRICAL NOTES AND SPECIFICATIONS

- GENERAL**
- ENTIRE INSTALLATION SHALL CONFORM TO NATIONAL ELECTRIC CODE AND ALL LOCAL ORDINANCES HAVING JURISDICTION AND MALL GENERAL STANDARDS AND SPECIFICATIONS.
 - MINIMUM SIZE FOR ALL OUTLET BOXES SHALL BE 4".
 - MINIMUM WIRE SIZE SHALL BE NO.12 AWG. ONLY COPPER CONDUCTORS ARE PERMITTED.
 - PROVIDE IDENTIFICATION OF ALL BRANCH CIRCUITS ON A TYPED WRITTEN DIRECTORY CARD, PERMANENTLY AFFIXED TO THE DOOR OF EACH LIGHTING AND DISTRIBUTION PANEL.
 - ALL FLUORESCENT LIGHT FIXTURES SHALL HAVE HIGH POWER FACTOR BALLASTS.
- MATERIAL**
- ALL MATERIALS SHALL BE NEW EXCEPT WHERE OTHERWISE NOTED AND SHALL BEAR UNDERWRITERS AND UNION LABELS WHERE SUCH LABELING APPLIES.
 - ALL MATERIALS AND INSTALLATION SHALL BE IN FULL CONFORMANCE TO LANDLORD'S GENERAL DESIGN SPECIFICATIONS AND STANDARDS.
 - TIME SWITCHES SHALL BE INTERMATIC, POLES AND RATINGS AS REQUIRED.
 - CONDUIT SHALL BE GALVANIZED STEEL OR RIGID HEAVY WALL UNDERSLAB; ABOVE SLAB CONDUIT SHALL BE ELECTRIC-METALLIC TUBING WITH SET SCREW FITTINGS. FLEXIBLE CONDUIT MAY BE USED IF APPROVED BY APPLICABLE CODE AND LANDLORD SPECIFICATION.
 - EXCEPT WHERE OTHERWISE INDICATED, WIRE SHALL BE COPPER WITH 600 VOLT INSULATION, TYPE THWN, FOR BRANCH CIRCUITS; TYPE THW FOR SIZES NO.4 OR LARGER.
 - OUTLET BOXES SHALL BE PRESSED GALVANIZED STEEL.
 - NYLON DRAG WIRES SHALL BE INSTALLED IN ALL EMPTY CONDUITS.
 - WIRING DEVICES SHALL BE AS FOLLOWS: LIGHT SWITCHES-20 AMP, HUBBEL 1221; DUPLEX RECEPTACLES-20 AMP, HUBBEL 52-52; SOCKETS TO BE WHITE BAKELITE, DEVICE PLATES TO BE WHITE, UNLESS INDICATED OTHERWISE ON PLAN.
 - MATERIALS AND EQUIPMENT SHALL BE GUARANTEED FREE FROM DEFECTS FOR ONE (1) YEAR FROM DATE OF OWNER ACCEPTANCE, AND BE REPLACED, IF REQUIRED, AT NO EXPENSE TO OWNER, DURING 1ST YEAR.
- WORKMANSHIP, RESPONSIBILITY AND GUARANTEES**
- ENTIRE INSTALLATION SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS, WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE AND BALANCED ACROSS ALL THREE PHASES.
 - ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL OWNER ACCEPTANCE.
 - CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THER-BY.
 - ALL REQUIRED INSURANCE'S SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE PROJECT WORK.
- NOTES**
- ALL LIGHTING FIXTURES SHALL BE WIRED AS PER ARTICLE 410 OF THE NATIONAL ELECTRIC CODE.
 - BOND WIRE SHALL BE IN ALL FEEDER CONDUITS WHERE REQUIRED BY CODE.
 - GROUNDING TYPE BUSHINGS SHALL BE USED AS REQUIRED BY CODE.
 - SIGN CONTRACTOR SHALL INSTALL ALL SIGNS. ELECTRICAL CONTRACTOR SHALL PROVIDE FINAL HOOK-UP OF SIGNS (FROM SIGN TO JUNCTION BOX). SIGN CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING OPERATION OF SIGNS, AFTER FINAL HOOK-UP BY ELECTRICIAN.
 - FUSES SHALL BE FUSETRON TYPE.
 - INSTALL "LOCK-DOGS" ON CIRCUIT BREAKERS FOR EMERGENCY LIGHTING, EXIT LIGHTS, AND CASH REGISTERS TO PREVENT ACCIDENTAL TURNING OFF OF CIRCUITS.
 - ELECTRICAL CONTRACTOR SHALL VISIT SITE AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS, PRIOR TO SUBMISSION OF BID. ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND BE INCLUDED IN FINAL BID.**

ELECTRICAL SYMBOL LEGEND

- ⊕ UNIPLEX RECEPTACLE (SINGLE)
- ⊕ DUPLEX RECEPTACLE
- ⊕ DUPLEX FLOOR MOUNTED
- ⊕ QUADPLEX RECEPTACLE
- ⊕ QUADPLEX FLOOR MOUNTED
- ⊕ SPECIAL VOLTAGE OR AMPERAGE
- ▼ TELEPHONE OUTLET
- ⊕ JUNCTION BOX
- ▽ DATA OUTLET
- ⊕ DOORBELL PUSHBUTTON MTD 48" A.F.F. UNLESS NOTED OTHERWISE
- ⊕ DOORBELL
- ⊕ DISCONNECT SWITCH
- ⊕ TELEPHONE BOARD
- ⊕ ELECTRICAL PANEL
- ⊕ KVA TRANSFORMER
- ⊕ 24HR 7 DAY-TIME CLOCK
- ⊕ LIGHTING CONTACTOR
- ⊕ OCCUPANCY/MOTION SENSOR
- ⊕ SINGLE POLE WALL SWITCH MTD 48" A.F.F. UNLESS NOTED OTHERWISE
- 3 #12, 3/4" (2 CKT WIRES, 1 NEUTRAL, 1 GROUND)
- ⊕ CIRCUIT HOME RUN
- CONDUIT THRU/BELOW FLOOR
- CONDUIT STUBBED UP/DOWN
- N.L. NIGHT LIGHT
- VIA T/C TIMECLOCK CONTROLLED CIRCUIT

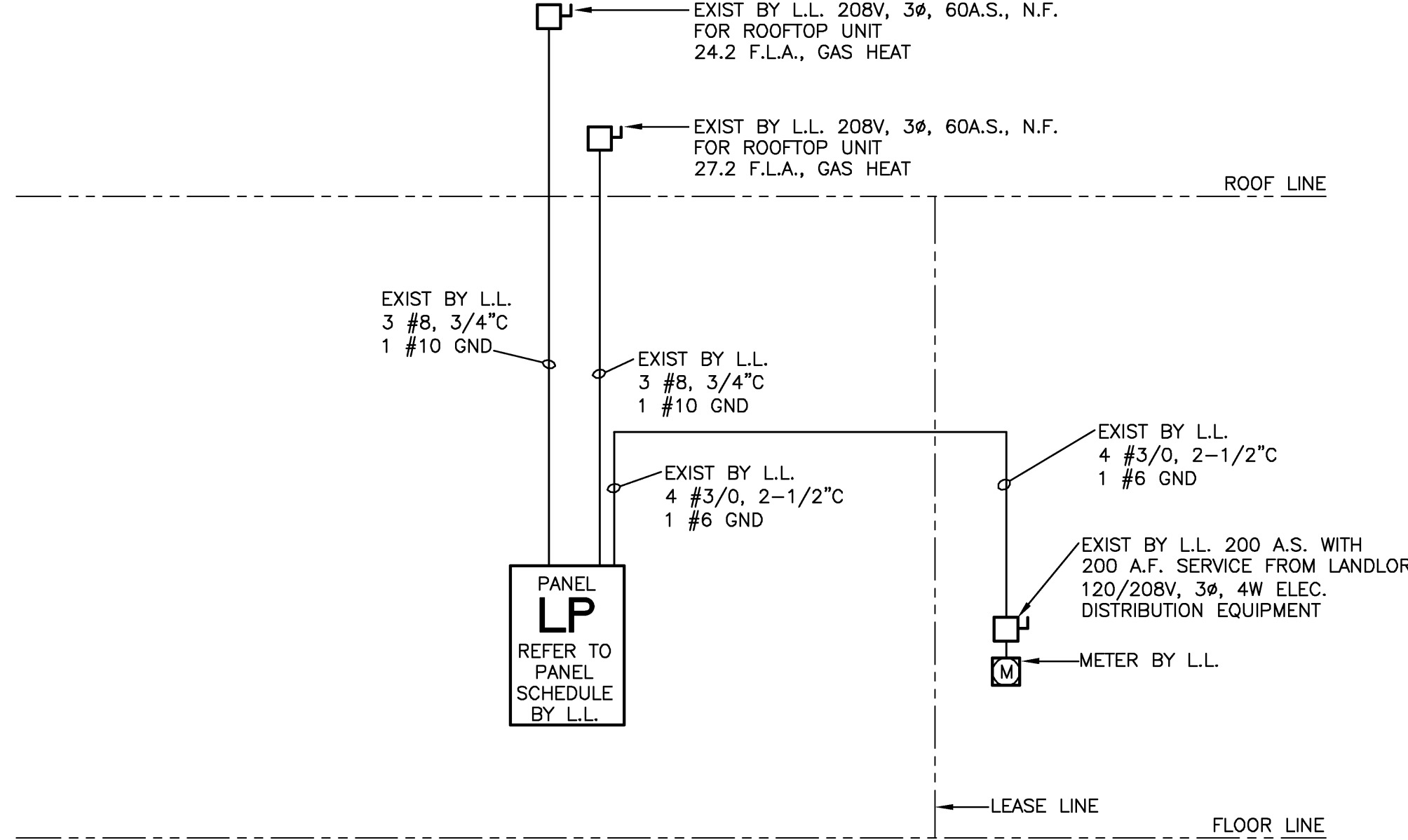
WHEN REUSING EXISTING PANELS, E.C. SHALL VERIFY THE CONDITION AND QUANTITY OF ALL EXISTING CIRCUIT BREAKERS. REPLACE DAMAGED BREAKERS WITH NEW. PROVIDE ANY ADDITIONAL OR BREAKERS OF DIFFERENT AMPERAGE OR POLE AS REQUIRED TO MEET THE END RESULT INDICATED IN THE PANEL SCHEDULE. NEW BREAKERS SHALL BE OF THE SAME MFG AND CHARACTERISTICS OF THE EXISTING. THE SUBMISSION OF THE BID PROPOSALS SHALL BE CONSIDERED EVIDENCE THAT THE CONTRACTORS HAVE VISITED THE SITE. NO EXTRA PAYMENTS WILL BE ALLOWED TO THESE CONTRACTORS ON ACCOUNT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO VISIT THE SITE.

PANELBOARD DESIGNATION		LP		NEW INSTALL		EXIST LOCATION		RELOCATED EXIST				
120/208		3 PHASE		4 WIRE, SOLID NEUTRAL		200 AMPERE BUS		200 AMPERE MAIN BREAKER				
TOP FED		X		BOTTOM FED		FLUSH MTD		SURFACE MTD				
X								X				
CKT #	DESCRIPTION	WATTS	LOAD TYPE	WIRE SIZE	BRK TYPE	SIZE	PHASE	WIRE SIZE	LOAD TYPE	WATTS	DESCRIPTION	CKT #
1	LTG-EXIT/EMERG./N.L.	477	L	12	20	1	A	1197	R	720	REC-C/W P.O.S.	2
3	LTG-STOCK/RR/HALL/EM	1065	L	12	20	1	B	1425	R	360	REC-C/W GENERAL LEFT	4
5	LTG-2x4 GENERAL	1116	L	12	20	1	C	1476	R	360	REC-C/W GENERAL CENTR	6
7	LTG-2x4 GENERAL	837	L	12	20	1	A	1197	R	360	REC-C/W GENERAL RIGHT	8
9	LTG-1x4 WALL WASH	956	L	12	20	1	B	2156	R	1200	REC-C/W COMPUTER/FAX	10
11	LTG-1x4 WALL WASH	915	L	12	20	1	C	1415	R	500	REC-LIBRARY KIOSK	12
13	SPARE	---	---	---	---	---	A	180	R	180	REC-SALES GENERAL	14
15	SPARE	---	---	---	---	---	B	900	R	900	REC-SHOW WINDOW	16
17	SPARE	---	---	---	---	---	C	---	---	---	SPARE	18
19	LTG-PARKING LOT	800	L	10	20	1	A	1600	M	800	IRRIGATION	20
21	LTG-EXTERIOR	390	L	12	20	1	B	930	R	540	REC-REFRIGERATOR	22
23	SIGN-MONUMENT	1200	L	10	20	1	C	2700	R	1500	REC-MICROWAVE	24
25	SIGN-EXTERIOR SIDE	1200	L	12	20	1	A	1880	R	680	REC-RESTROOMS/HVAC	26
27	SIGN-EXTERIOR FRONT	1200	L	12	20	1	B	2700	R	1500	WATER HEATER	28
29	TIMECLOCK/CONTACTOR	400	M	12	20	1	C	2200	R	1800	REC-4' REFRIG	30
31	RTU-1	2904	H	*	40	3	A	4704	R	1800	REC-6' REFRIG	32
33		2904	H	*	40	3	B	3304	R	400	REC-PHONE/NETWORK	34
35		2904	H	*	40	3	C	3304	R	400	REC-CCTV/DVR/CAM/KEY	36
37	RTU-2	3264	H	*	50	3	A	3664	R	400	REC-ALARM PANEL	38
39		3264	H	*	50	3	B	3664	R	400	REC-STEREO	40
41		3264	H	*	50	3	C	3664	R	400	SMOKE DETECTOR/FIRE	42
25% LTG AND SIGN		2539					14422	15079	14759	SUB TOTALS		L = LTG OR SIGNAGE
25% LARGEST MOTOR		1710									R = RECEPTACLE	
DEMAND LOAD		48509							44260		M = MISCELLANEOUS	
DEMAND AMPERES		134.8							4.4%		H = H.V.A.C.	
											K = KITCHEN	

NOTE: ALL BREAKERS SHALL BE BOLT-ON, UNLESS OTHERWISE NOTED.
 ● - INDICATES THIS CIRCUIT TO RECIEVE HANDLE LOCK-ON CLIP
 T/C - INDICATES THIS CIRCUIT TO BE CONTROLLED BY A TIMECLOCK
 * - REFER TO ONE-LINE DIAGRAM FOR WIRE SIZE TO THIS EQUIPMENT

E.C. SHALL VERIFY THE CHARACTERISTICS OF THE EXISTING ELECTRICAL SERVICE WITH THE LANDLORD AND THE UTILITY. CO., SHALL COORDINATE ALL SERVICE REQUIREMENTS WITH THEM, AND SHALL PROVIDE ALL LABOR AND MATERIALS. AND SHALL PAY ALL PERMITS AND FEES, NECESSARY TO PROVIDE AN ELECTRICAL SERVICE IN CONFORMANCE WITH ALL APPLICABLE CODES AND ORDINANCES AND SATISFYING THE REQUIREMENTS OUTLINED HEREIN SHOULD THE EXISTING SERVICE PROVE INADEQUATE.

ELECTRICIAN MUST FIELD VERIFY IN FIELD AND REPORT DISCREPANCIES TO ARCHITECT-T.G.C. TO BALANCE ALL PHASES TO WITHIN 10% IN FIELD.



1 ELECTRICAL ONE-LINE DIAGRAM

SCALE: NONE

- ALL WIRE SHALL BE COPPER ONLY, THW, THWN, THHW, OR NEC APPROVED EQUAL OR BETTER. ALL WIRING SHALL BE IN CONDUIT. WIRE AMPACITY BASED ON NEC 110-14c AND TABLE 310-16.
- E.C. SHALL FURNISH ALL NEW ELECTRICAL EQUIP. (PANELS, TRANSFORMER, CONDUITS, WIRE, METERS, SERVICE FEEDERS AND CONDUIT, DISC SWITCHES, CONTACTORS, TIMELOCKS, ETC) AS REQUIRED, UNLESS NOTED OTHERWISE.
- ALL ELECTRICAL EQUIPMENT (PANELS, TRANSFORMER, LIGHTS, DEVICES, CONDUIT, WIRE, ETC.) NOT BEING USED SHALL BE REMOVED FROM THE SITE. DO NOT ABANDON IN PLACE.
- E.C. SHALL FIELD VERIFY ALL EXISTING ELECTRICAL EQUIPMENT. ALSO FIELD VERIFY THAT ANY EXISTING ELEC. EQUIPMENT TO BE REUSED IS OF ADEQUATE SIZE AND CONDITION TO MAINTAIN SAFE OPERATION. IF DISCREPANCIES ARISE CONTACT PROJECT REP.

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REGISTRATION SEAL

REVISIONS

PROJECT NO. 130072
 DATE: 12/22/14
 DRAWN BY: TS/GK
 STORE NUMBER:
 SCALE: AS NOTED

SALES AREA 2,400 S.F.
 NON SALES 600 S.F.
 GROSS AREA 3,000 S.F.

SHEET TITLE:
SPECS/DETLs
PANELS

theVitamin Shoppe
 123 N. WEBER ROAD
 BOLINGBROOK, IL 60440

SHEET NO:
E3.0

CASHDESK TO BE PRE-WIRED BY FIXTURE MANUFACTURER AND FINAL CONNECTIONS MADE BY ELECTRICIAN IN FIELD.

FIXTURE MANUFACTURER TO LABEL ALL WIRING FOR FINAL CONNECTIONS BY ELECTRICIAN.

ALL WORK TO BE UL CERTIFIED AND INSTALLED PER NEC AND LOCAL JURISDICTION REGULATIONS.

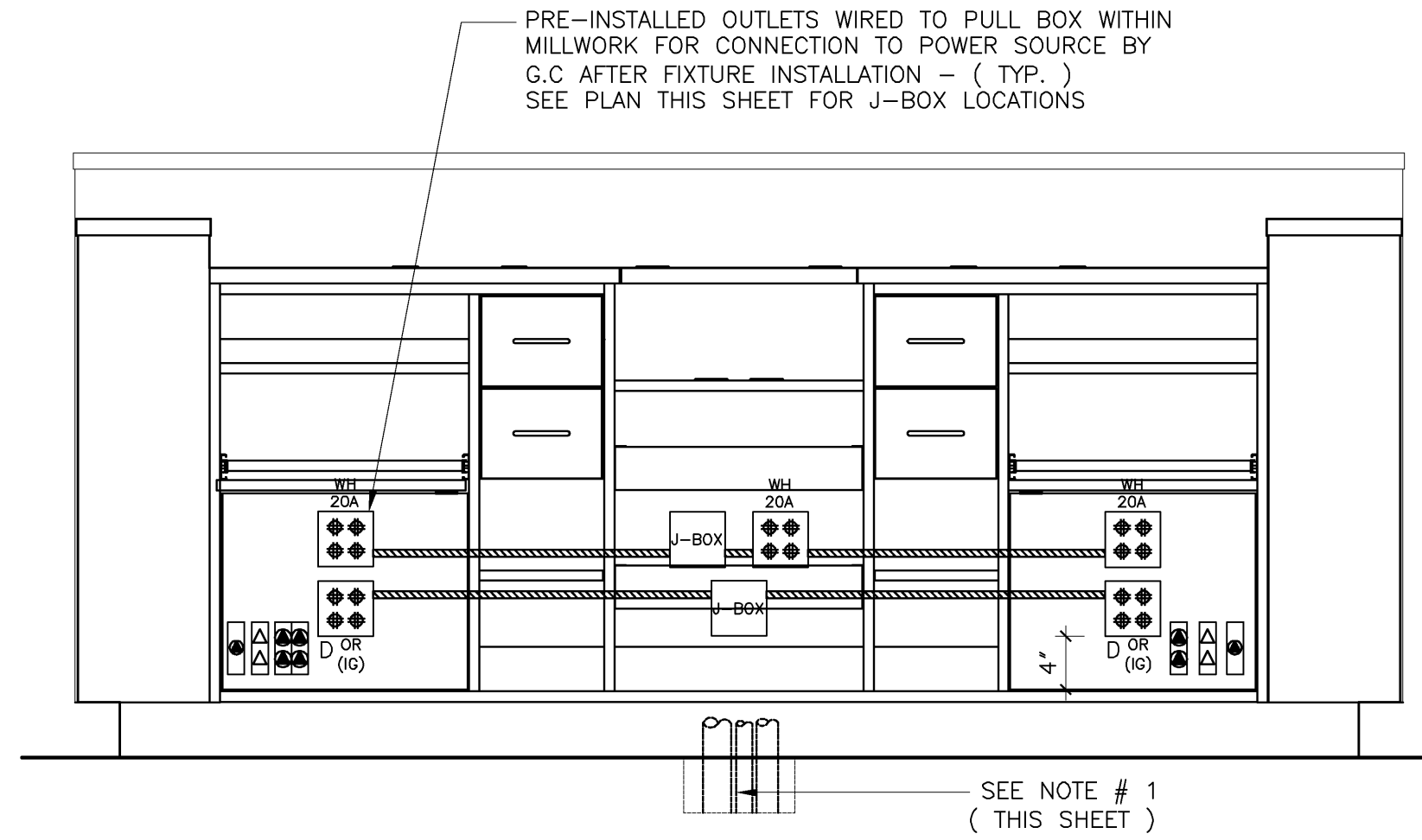
NOTES:

1. PROVIDE :

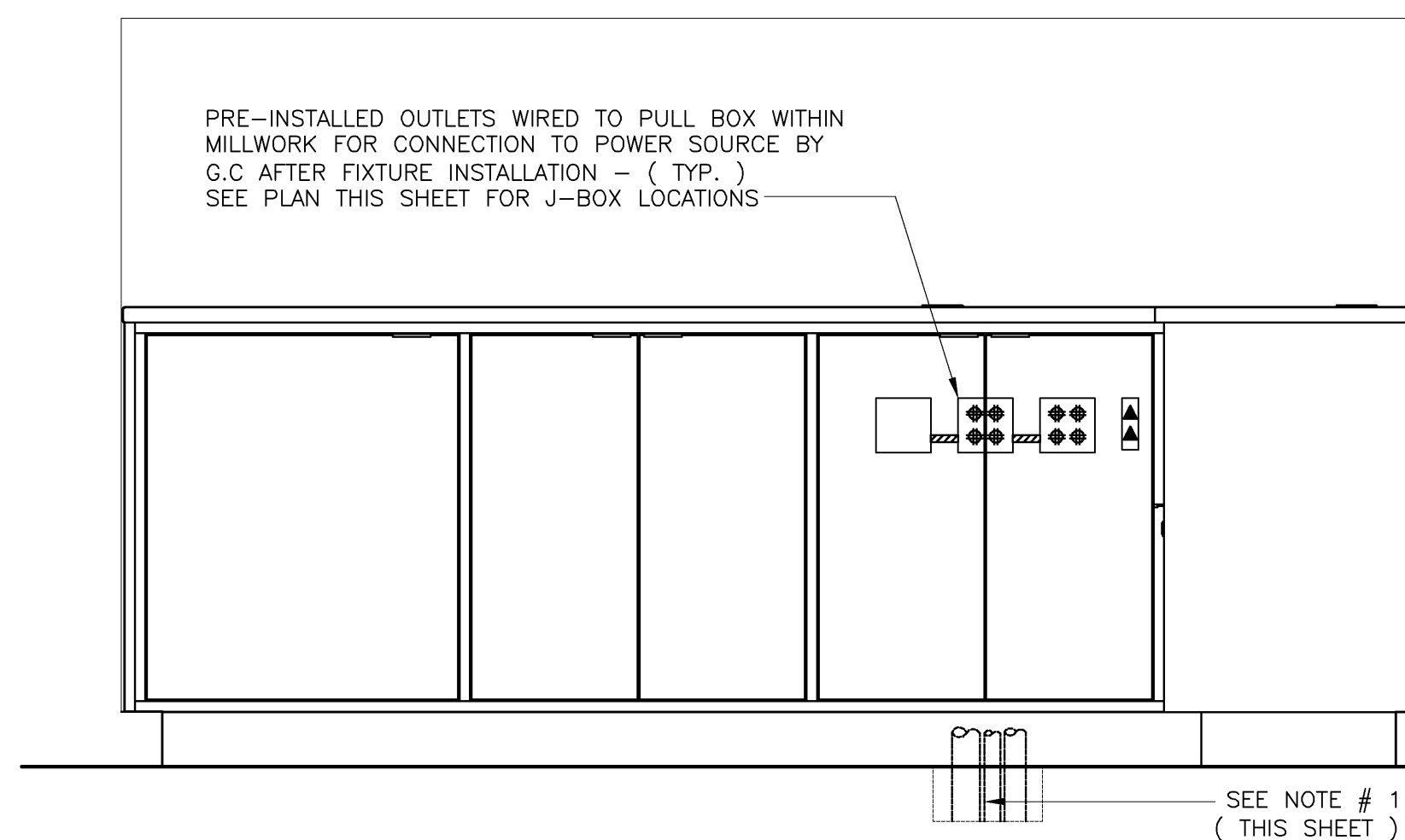
- (1) 2" FOR TENANT TELE / DATA TO FRONT AND BACKWRAP
- (1) 1" FOR FRONT WRAP AND BACK WRAP POWER
- (1) 1" FOR FUTURE USE

EXTEND CONDUITS TO THE TELEPHONE BACK BOARD AND ELECTRICAL PANELS AS SHOWN ON SHEET E3

PROVIDE 6-PAIRS OF TELEPHONE WIRE TYPE (CAT #5) THRU 2" TELE / DATA COND. FOR POS TEL. AND DATA REQUIREMENTS (BY VENDOR ON SITE).

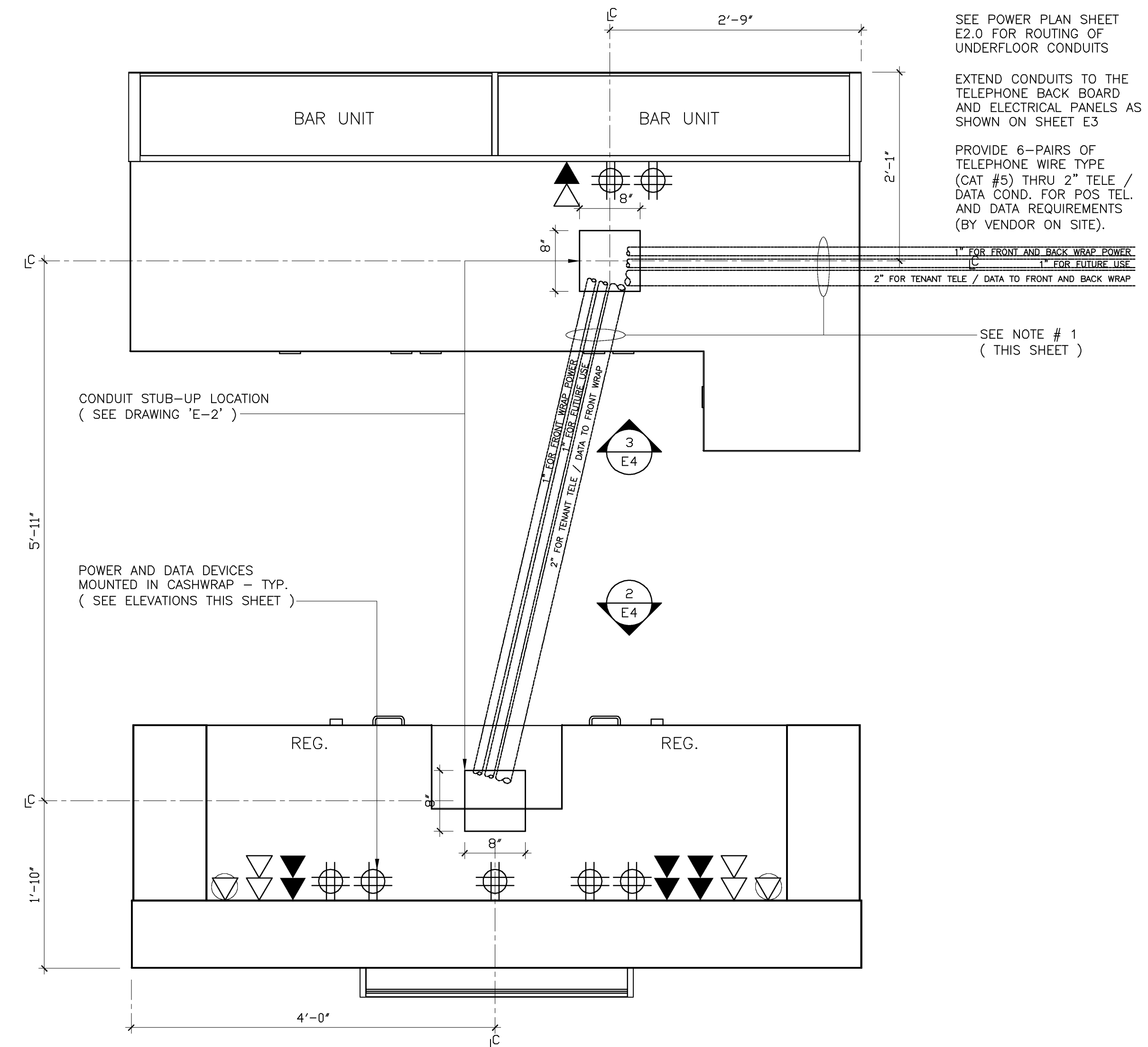


2 INTERIOR ELEVATION AT FRONT DESK
SCALE: 1" = 1'-0"

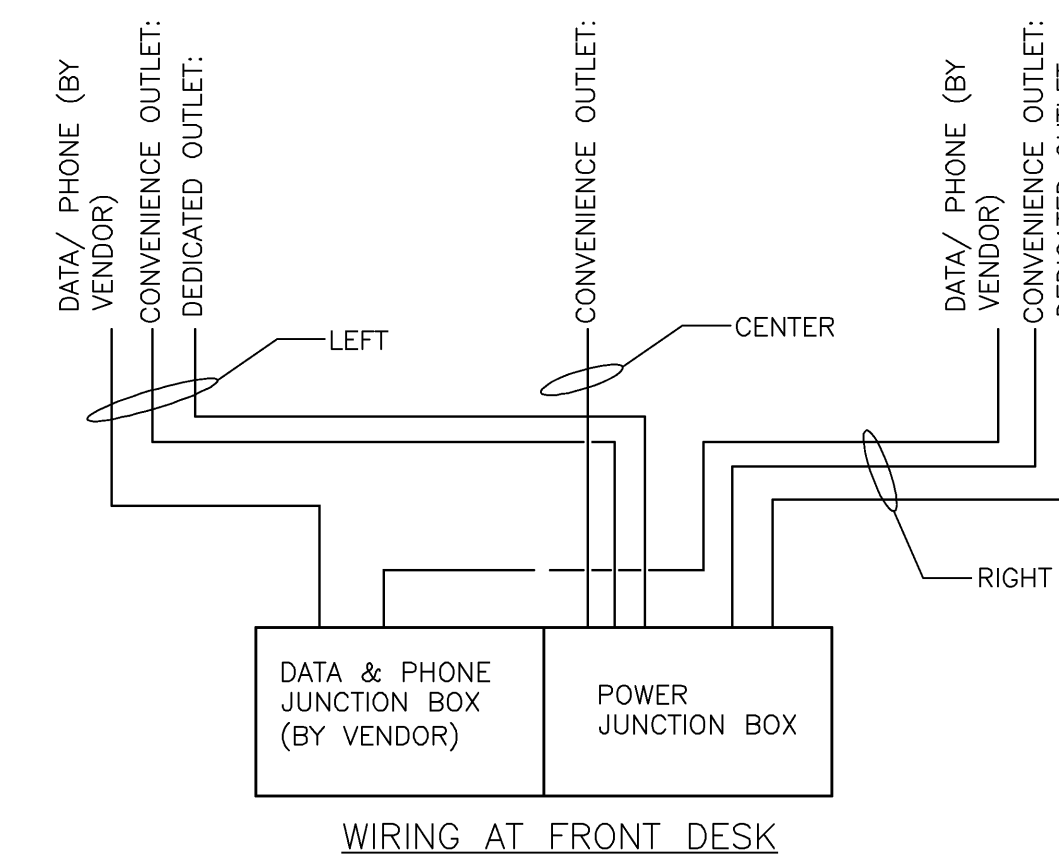
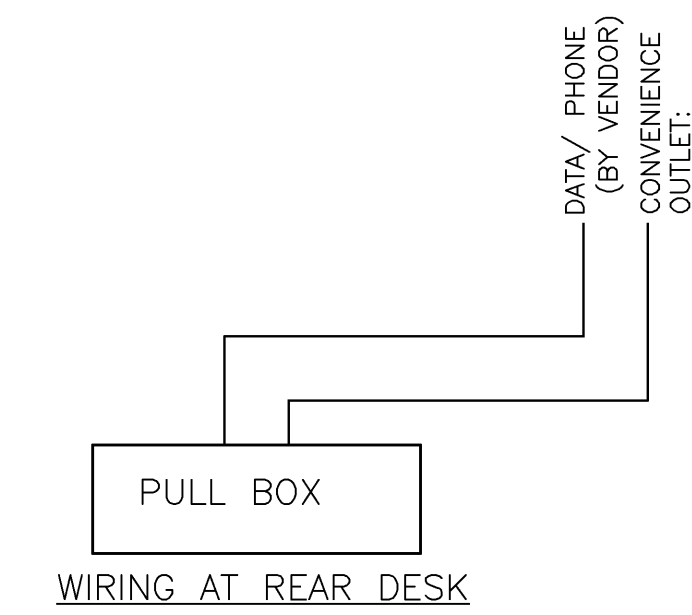


3 INTERIOR ELEVATION AT REAR DESK
SCALE: 1" = 1'-0"

DEVICES	
A - WORKSTATION 1 (MAIN)	B - WORKSTATION 2
▲▲ (2) DUAL PHONE JACKS (MAIN TEL. LINE & MAIN ROLL-OVER LINE - TWO SETS OF JACKS - ONE SET FOR DESK PHONE, ONE SET FOR CORDLESS PHONE)	▲ (1) DUAL PHONE JACK (MAIN TEL. LINE & MAIN ROLL-OVER LINE)
△ (2) DATA LINES	△ (2) DATA LINES
△ (1) SERVER (PHONE) LINE	△ DUPLICATE CREDIT CARD LINE
⊗⊗ ONE (1) QUAD. CONVENIENCE OUTLET (2) PHONES)	⊗⊗ ONE (1) QUAD. CONVENIENCE OUTLET
⊗⊗ ONE (1) QUAD. DEDICATED OUTLETS (PRINT SERVER, REGISTER, SCANNER)	⊗⊗ ONE (1) QUAD. DEDICATED OUTLETS (REGISTER, (3) UPS)
D	D
SPECIFICATIONS	
⊗⊗ HUBBELL #8146 OCTAGON BOX W/ CABLE CLAMPS (1-1/2", STEEL)	
ALL WIRES SHALL BE #12 CU ARMORED CABLE	
ALL WIRING TO BE CONCEALED FROM VIEW	
ALL DEVICES TO BE RECESSED	



1 PLAN DETAIL AT CASH DESK
SCALE: 1" = 1'-0"



4 CASH DESK WIRING
SCALE: NONE

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REGISTRATION SEAL

REVISIONS:

PROJECT NO. 130072
DATE: 12/22/14
DRAWN BY: TS/GK
STORE NUMBER:
SCALE: AS NOTED

SALES AREA 2,400 S.F.
NON SALES 600 S.F.

GROSS AREA 3,000 S.F.

SHEET TITLE:

**CASHWRAP
DETAILS**

theVitamin Shoppe
123 N. WIEBER ROAD
BOLINGBROOK, IL. 60440

SHEET NO:

E4.0

EXISTING ROOFTOP UNIT SCHEDULE (RTU-1)												
MFR.	MODEL NO.	BASE UNIT WT.	UNIT SIZE	VOLTS	HZ	PH	MCA	MIN. OUTSIDE AIR CFM	TOTAL CFM	FILTERS		
CARRIER	48HCEA06B2A5	600 LBS.	5 TONS	208	60	3	29.0	330	2000	4	16x20x2	T/A
COOLING CAPACITY		SEER	GAS HEAT CAPACITY	GAS HEAT CAPACITY	GAS HEAT WEIGHT	THERMAL EFFICIENCY	EVAP. COIL SIZE	EVAPORATOR FAN MOTOR				
SENSIBLE TOTAL			INPUT	OUTPUT			7.3 SQ.FT.		4	2.4 BHP		
49.84 MBH	60.43 MBH	15.20	115 MBH	90 MBH	9 LBS	81%						

- ACCESSORIES:
1. ROOF CURB 115 LBS
 2. ECONOMIZER WITH BAROMETRIC RELIEF 50 LBS
 3. RETURN DUCT SMOKE DETECTOR 5 LBS (SEE KEYED NOTE 8)

EXISTING ROOFTOP UNIT SCHEDULE (RTU-2)												
MFR.	MODEL NO.	BASE UNIT WT.	UNIT SIZE	VOLTS	HZ	PH	MCA	MIN. OUTSIDE AIR CFM	TOTAL CFM	FILTERS		
CARRIER	48HCEA07B1A5	765 LBS.	6 TONS	208	60	3	32	400	2200	4	16x20x2	T/A
COOLING CAPACITY		EER	GAS HEAT CAPACITY	GAS HEAT CAPACITY	GAS HEAT WEIGHT	THERMAL EFFICIENCY	EVAP. COIL SIZE	EVAPORATOR FAN MOTOR				
SENSIBLE TOTAL			INPUT	OUTPUT			8.9 SQ.FT.		3	1.7 BHP		
56.57 MBH	73.66 MBH	12.00	125 MBH	103 MBH	15 LBS	82%						

- ACCESSORIES:
1. ROOF CURB 143 LBS
 2. ECONOMIZER WITH BAROMETRIC RELIEF 75 LBS
 3. RETURN DUCT SMOKE DETECTOR 5 LBS (SEE KEYED NOTE 8)

AIR DEVICE SCHEDULE							
PLAN MARK	QTY.	* TITUS MODEL NO.	FACE SIZE	NECK SIZE	FLEX SIZE	TYPE	NOTES
A	5	TMS	24"x24"	12"φ	12"φ	DIFF	1,2,3
B	6	TMS	24"x24"	10"φ	10"φ	DIFF	1,2,3
C	1	TMS	24"x24"	6"φ	6"φ	DIFF	1,2,3
D	1	TMS	12"x12"	6"φ	6"φ	DIFF	2,3
E	4	50F	24"x24"	22"x22"	14"φ	RG	2,3,4
F	2	50F	24"x24"	22"x22"	8"φ	RG	2,3,4

* OR APPROVED EQUAL

- NOTES:
1. ALL SUPPLY DIFFUSERS TO HAVE 4-WAY THROW UNLESS NOTED OTHERWISE
 2. FRAME SHALL FIT LAY-IN CEILING MODULE
 3. PROVIDE & INSTALL MANUAL VOLUME DAMPER
 4. PROVIDE SQUARE TO ROUND TRANSITION AS REQUIRED.

	DESIGN COOLING			DESIGN HEATING		
	COOLING DATA AT Jul 1400 COOLING OA DB / WB 90.4 °F / 73.9 °F			HEATING DATA AT DES HTG HEATING OA DB / WB -6.0 °F / -7.2 °F		
ZONE LOADS	Details	Sensible (BTU/hr)	Latent (BTU/hr)	Details	Sensible (BTU/hr)	Latent (BTU/hr)
Window & Skylight Solar Loads	767 ft²	26365	767 ft²	-	-	-
Wall Transmission	2583 ft²	1605	2583 ft²	8541	-	-
Roof Transmission	2710 ft²	5458	2710 ft²	7630	-	-
Window Transmission	767 ft²	4437	767 ft²	28443	-	-
Skylight Transmission	0 ft²	0	0 ft²	0	-	-
Door Loads	0 ft²	0	0 ft²	0	-	-
Floor Transmission	2710 ft²	0	2710 ft²	0	-	-
Partitions	0 ft²	0	0 ft²	0	-	-
Ceiling	0 ft²	0	0 ft²	0	-	-
Overhead Lighting	5126 W	13403	0	0	-	-
Task Lighting	0 W	0	0	0	-	-
Electric Equipment	678 W	2071	0	0	-	-
People	32	5471	6464	0	0	0
Infiltration	-	1623	2233	-	16006	0
Miscellaneous	-	9069	0	-	0	0
Safety Factor	10% / 10%	6950	870	10%	6062	0
>> Total Zone Loads	-	78451	9568	-	66682	0
Zone Conditioning	-	90921	9568	-	66255	0
Plenum Wall Load	0%	0	0	0	0	-
Plenum Roof Load	0%	0	0	0	0	-
Plenum Lighting Load	0%	0	0	0	0	-
Return Fan Load	4200 CFM	0	4200 CFM	0	-	-
Ventilation Load	730 CFM	9373	16302	730 CFM	57751	0
Supply Fan Load	4200 CFM	3892	4200 CFM	3892	-	-
Space Fan Coil Fans	-	0	0	-	0	-
Duct Heat Gain / Loss	0%	0	0%	0	-	-
>> Total System Loads	-	104186	25870	-	120114	0
Central Cooling Coil	-	104186	25879	-	0	0
Central Heating Coil	-	0	0	-	120114	0
>> Total Conditioning	-	104186	25879	-	120114	0

Key: Positive values are cig loads
Negative values are hfg loads

City Name Bolingbrook
Location Illinois
Latitude 41.7 Deg.
Longitude 88.1 Deg.
Elevation 699.0 ft
Summer Design Dry-Bulb 91.0 °F
Summer Coincident Wet-Bulb 74.0 °F
Summer Daily Range 19.6 °F
Winter Design Dry-Bulb -6.0 °F
Winter Design Wet-Bulb -7.2 °F
Atmospheric Clearness Number 1.00
Average Ground Reflectance 0.20
Soil Conductivity 0.800 BTU/(hr-ft.°F)
Local Time Zone (GMT +/- N hours) 6.0 hours
Consider Daylight Savings Time No
No Simulation Weather Data N/A
Current Data is User Modified
Design Cooling Months January to December

HVAC SYMBOLS LEGEND		
☒ SUPPLY AIR DIFFUSER	-G- GAS LINE	R.A.G. RETURN AIR GRILLE
☒ RETURN AIR GRILLE	-D- CONDENSATE DRAIN LINE	DIFF. DIFFUSER
R.D. REF. DISCHARGE LINE	TE TOILET EXHAUST	M.D. MANUAL DAMPER
R.S. REF. SUCTION LINE	M MOTORIZED DAMPER	F.D. FIRE DAMPER
O.A. OUTDOOR AIR	S SMOKE DETECTION DEVICE	F.C. FLEXIBLE CONNECTION
R.A. RETURN AIR	T THERMOSTAT	S.E. SMOKE EXHAUST
S.A. SUPPLY AIR	TS REMOTE THERMOSTAT SENSOR	☒ AIR DEVICE TYPE
☒ DAMPER	SD SMOKE DETECTOR	☒ AIR VOLUME IN CUBIC FEET/MINUTE (CFM)
☒ SPRINKLER HEAD		

MECHANICAL CONTRACTOR'S NOTES

ALL OF THE MECHANICAL WORK IS NOT NECESSARILY SHOWN OR NOTED ON THESE DRAWINGS. THE CONTRACTORS SHALL VISIT THE JOB SITE AND VERIFY ALL EXISTING CONDITIONS RELATED TO THE WORK PRIOR TO BIDDING. THOSE ITEMS NOT SHOWN OR NOTED, BUT ARE DEEMED NECESSARY FOR REMOVAL OR RELOCATION BY THE OWNER OR HIS REPRESENTATIVE, SHALL BE PART OF THIS CONTRACT. THE SUBMISSION OF THE PROPOSALS SHALL BE CONSIDERED AS EVIDENCE THAT THE CONTRACTORS HAVE VISITED THE SITE. NO EXTRA PAYMENTS WILL BE ALLOWED FOR EXTRA WORK MADE NECESSARY BY THE CONTRACTOR'S FAILURE TO VISIT THE JOB SITE.

OUTSIDE AIR SCHEDULE				
DESC.	AREA (SQ. FT.)	AREA OUTDOOR AIR RATE PER IMC TABLE 403.3	AREA OUTDOOR AIR	TOTAL OUTSIDE AIR
SALES	2215	0.3	664.5	665.0
BACKROOM	308	0.15	46.2	45.0
HALL	131	0.05	6.6	10.0
RESTROOM	56	0.15	8.4	10.0
TOTALS	2710			

TOTAL REQUIRED OUTDOOR AIR 730
CALCULATIONS BASED ON 2006 IMC

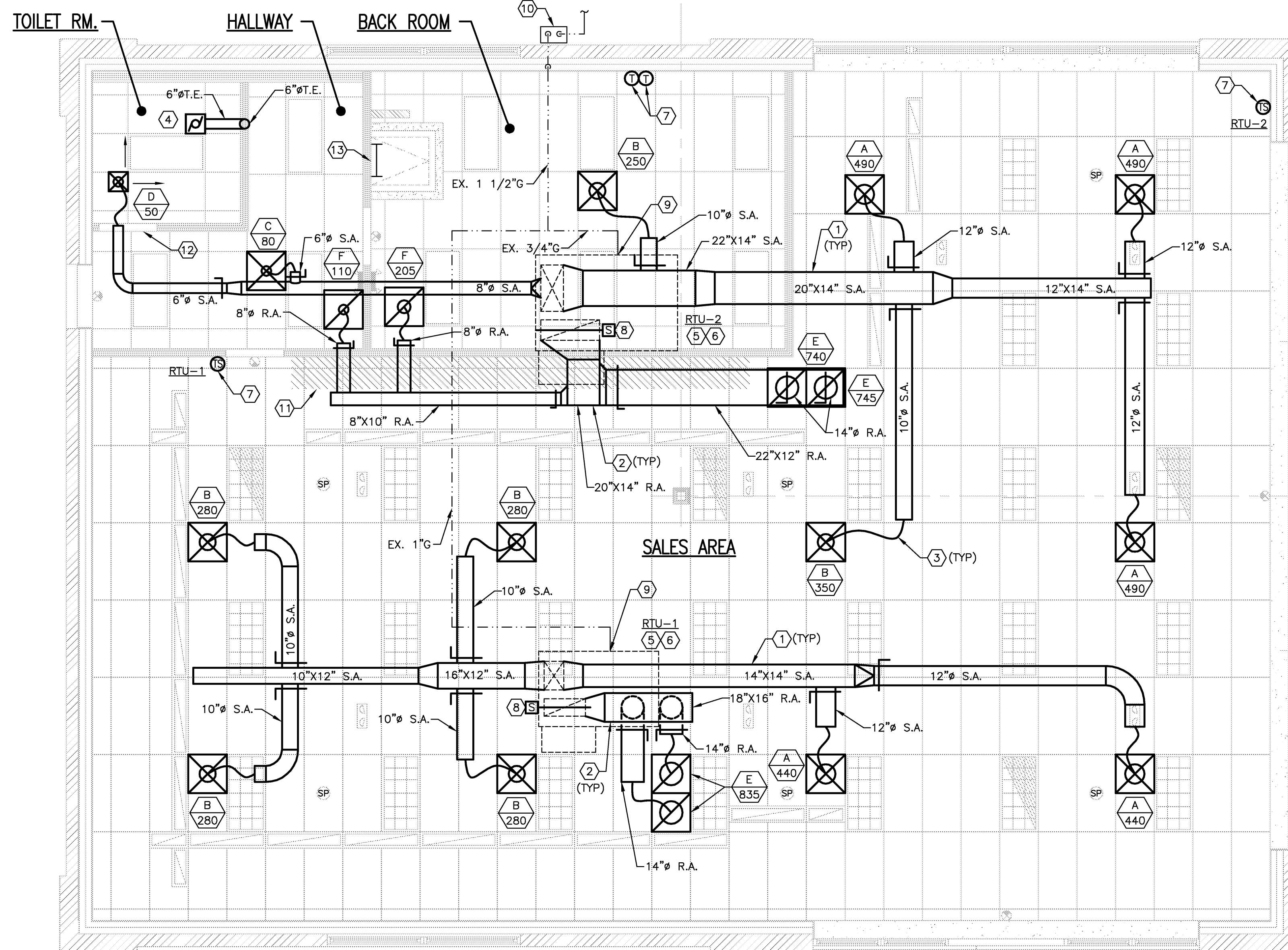
DUCTWORK NOTE

CONTRACTOR MUST LOCATE NEW DUCTWORK TO PROVIDE 11'-0" CEILING HEIGHT.

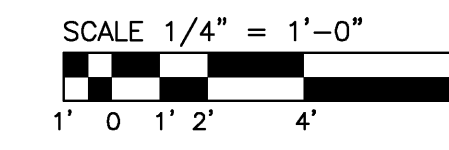
DIFFUSER/RETURN GRILLES SHOULD NOT BE LOCATED OVER/WITHIN 4" OF SALES AREA PERIMETER WALL FIXTURES

DUCT WORK TO BE LOCATED BETWEEN BEAMS AND THROUGH JOIST WHERE POSSIBLE TO MAINTAIN NOTED CEILING HEIGHT. VERIFY IN FIELD STRUCTURAL ELEMENTS THAT MAY CONFLICT WITH DUCT LOCATIONS.

- HVAC KEYED NOTES**
1. NEW LOW PRESSURE, EXTERNALLY INSULATED (MIN. R-5) SUPPLY AIR DUCT SUPPLIED AND INSTALLED BY LANDLORD'S HVAC CONTRACTOR. PROVIDE TRANSITIONS AS REQUIRED, DUCT DIMENSIONS ARE CLEAR INTERNAL AIR PATH DIMENSIONS. HOLD ALL DUCTWORK AS HIGH AS POSSIBLE AND/OR PRACTICAL IN JOIST SPACE. PROVIDE AND INSTALL TURNING VANES AT ALL SQUARE OR RECTANGULAR DUCT ELBOWS (TYPICAL).
 2. NEW LOW PRESSURE, EXTERNALLY INSULATED (MIN. R-5) RETURN AIR DUCT SUPPLIED AND INSTALLED BY LANDLORD'S HVAC CONTRACTOR. PROVIDE TRANSITIONS AS REQUIRED, DUCT DIMENSIONS ARE CLEAR INTERNAL AIR PATH DIMENSIONS. HOLD ALL DUCTWORK AS HIGH AS POSSIBLE AND/OR PRACTICAL IN JOIST SPACE. PROVIDE AND INSTALL TURNING VANES AT ALL SQUARE OR RECTANGULAR DUCT ELBOWS (TYPICAL).
 3. FLEXIBLE DUCT, MAXIMUM LENGTH 5'-0" (TYPICAL) PROVIDED AND INSTALLED BY LANDLORD'S HVAC CONTRACTOR. PROVIDE SMOOTH TRANSITION AND PROPER SUPPORT PER SMACNA. USE FLEXIBLE DUCT FOR CONNECTION TO DIFFUSER ONLY. REFER TO SCHEDULE FOR FLEXIBLE DUCT SIZES.
 4. NEW "NUTONE MODEL 672R" SERIES TOILET EXHAUST FAN PROVIDED AND INSTALLED BY LANDLORD'S CONTRACTOR, 110 CFM @ 0.15 WG SP, 120v/1ph/60hz. 6"φ EXHAUST DUCT TO BE CONNECTED TO 6" EXHAUST DUCT THRU ROOF WITH ROOF CAP. MAINTAIN 10' MINIMUM DISTANCE FROM ANY FRESH AIR INTAKE; COORDINATE WITH LANDLORD ON EXACT LOCATION OF DUCT THRU ROOF. WIRE TO LIGHT CIRCUIT VIA RELAY; COORDINATE WITH ELECTRICAL CONTRACTOR.
 5. EXISTING (RECENTLY INSTALLED) ROOFTOP UNIT AND CURB SUPPLIED AND INSTALLED BY LANDLORD'S CONTRACTOR. LANDLORD CONTRACTOR TO ENSURE SUPPORTS, TRANSITIONS, AND ALL DUCT DROPS REQUIRED FOR A COMPLETE MECHANICAL SYSTEM ARE PROPERLY INSTALLED. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION AND CFM. FIELD VERIFY EXACT LOCATION. TYPICAL OF 2. HVAC CONTRACTOR TO CHANGE FILTERS AT START AND END OF CONSTRUCTION.
 6. EXISTING (RECENTLY INSTALLED) CONDENSATE DRAIN FROM NEW ROOFTOP UNIT PROVIDED AND INSTALLED BY LANDLORD'S CONTRACTOR. ENSURE P-TRAP AND DISCHARGE ONTO ROOF.
 7. NEW COMMERCIAL GRADE PROGRAMMABLE THERMOSTAT AND REMOTE SENSORS SUPPLIED AND INSTALLED BY LANDLORD'S HVAC CONTRACTOR. COORDINATE WITH ELECTRICAL CONTRACTOR. MOUNTING HEIGHT 4'-0" AFF. PROVIDE LOCKING LUCITE COVER; GIVE KEY TO STORE MANAGER. REFER TO SHEET M3.0. REFER TO ARCHITECTURAL FIXTURE PLAN PRIOR TO LOCATING THERMOSTATS AND SENSORS. VERIFY MODEL OF THERMOSTAT WITH VITAMIN SHOPPE PRIOR TO PURCHASING.
 8. ENSURE EXISTING (RECENTLY INSTALLED) RETURN AIR DUCT SMOKE DETECTION DEVICE BY LANDLORD'S HVAC CONTRACTOR. SMOKE DETECTION DEVICE IS TO BE INTERLOCKED WITH ROOFTOP UNIT TO SHUT THE UNIT DOWN UPON THE DETECTION OF SMOKE. ACTIVATION OF A SMOKE DETECTOR SHALL ACTIVATE A VISIBLE AND AUDIBLE SIGNAL IN AN APPROVED LOCATION. DUCT SMOKE DETECTOR TROUBLE CONDITIONS SHALL ACTIVATE A VISIBLE OR AUDIBLE SIGNAL IN AN APPROVED LOCATION AND SHALL BE IDENTIFIED AS AIR DUCT DETECTOR TROUBLE. COORDINATE WITH ELECTRICAL CONTRACTOR. PROVIDE NEW IF NOT ALREADY EXISTING WITH RTU. FIELD VERIFY.
 9. EXISTING (RECENTLY INSTALLED) GAS CONNECTION TO RTU BY LANDLORD'S CONTRACTOR. ENSURE PROPER DIRTLEG, UNION AND SHUTOFF AS REQUIRED BY CODE. FIELD VERIFY. GAS PIPING SHALL BE SIZED PER ACTUAL DISTANCES AND GAS PRESSURE IN THE FIELD. FIELD VERIFY TOTAL DEVELOPED LENGTH AND PRESSURE, ACCORDINGLY SIZED.
 10. EXISTING (RECENTLY INSTALLED) GAS METER ON EXTERIOR WALL AND GAS SUPPLY LINE RUN ON ROOF BY LANDLORD'S CONTRACTOR. GAS METER AND GAS PIPING SHALL BE SIZED PER ACTUAL DISTANCES AND GAS PRESSURE IN THE FIELD. FIELD VERIFY TOTAL DEVELOPED LENGTH AND PRESSURE, ACCORDINGLY SIZED.
 11. FIXTURES THAT GO TO CEILING. DO NOT PUT GRILLES/DIFFUSERS ABOVE IN THIS LOCATION. REFER TO ARCHITECTURAL SHEETS FOR EXACT LOCATION.
 12. UNDERCUT DOOR 3/4" (MIN.) TO FACILITATE FLOW. COORDINATE WITH GENERAL CONTRACTOR.
 13. EXISTING ROOF HATCH.



1 MECHANICAL PLAN
SCALE 1/4" = 1'-0"



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REGISTRATION SEAL

REVISIONS

PROJECT NO.	130072
DATE:	12/22/14
DRAWN BY:	OYK
STORE NUMBER:	
SCALE:	AS NOTED

SALES AREA 2,400 S.F.
NON SALES 600 S.F.
GROSS AREA 3,000 S.F.

MECHANICAL PLAN

theVitamin Shoppe
123 N. WIEBER ROAD
BOLINGBROOK, IL 60440

SHEET NO:
M1.0

GENERAL

- A. THE GENERAL CONDITIONS OF THE GENERAL SPECIFICATIONS, ALONG WITH ALL APPLICABLE INSTRUCTIONS TO BIDDERS, SHALL FORM A PART OF THIS SECTION OF THE SPECIFICATIONS.
- B. REFERENCE IS MADE TO REQUISITES FOR BIDDERS AND CONTRACTORS UNDER OTHER SECTIONS OF THESE SPECIFICATIONS, WHICH SHALL BE CONSIDERED BINDING, UNLESS OTHERWISE NOTED UNDER THIS SECTION.

SCOPE

EACH CONTRACTOR SHALL THOROUGHLY ACQUAINT HIMSELF WITH THE CONSTRUCTION DETAILS, BOTH ON TENANT CONSTRUCTION DRAWINGS AND LANDLORD'S AS REFERRED TO, BEFORE SUBMITTING HIS BID AS NO ALLOWANCES WILL BE MADE BECAUSE OF CONTRACTOR'S UNFAMILIARITY WITH THESE DETAILS OR PERFORMANCE OF CONSTRUCTION OF SHALL BE AS REQUIRED BY THE PACE OF THE GENERAL CONSTRUCTION.

INSPECTION OF SITE

ALL PROPOSALS SHALL PRECLUDE THAT CONTRACTOR IS FAMILIAR WITH JOBSITE CONDITIONS AND UTILITY LOCATIONS AND THE LACK OF SPECIFIC INFORMATION ON THE DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY.

PERMITS

ALL PERMITS AND LICENSES NECESSARY FOR THE PROPER EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE SUBCONTRACTOR INVOLVED.

CODE REQUIREMENTS

ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS, DRAWINGS OR AS DIRECTED BY THE OWNER, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES, AND/OR REGULATIONS OF THE GOVERNING BODIES, WHETHER SHOWN OR NOT, AND ALL MODIFICATIONS REQUIRED BY SUCH AUTHORITIES SHALL BE MADE BY THE CONTRACTOR WITHOUT ANY ADDITIONAL COST TO OWNER.

MATERIALS AND WORKMANSHIP

A. ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED AS RECOMMENDED BY THE MANUFACTURERS, AND UNLESS OTHERWISE SPECIFIED SHALL BE NEW, AND FREE FROM ANY AND ALL DEFECTS LIKE MATERIALS USED SHALL BE OF THE SAME MANUFACTURE AND QUALITY UNLESS OTHERWISE SPECIFIED.

B. ALL WORK UNDER THIS CONTRACT SHALL BE PERFORMED BY COMPETENT WORKMEN AND EXECUTED IN A NEAT AND WORKMANLIKE MANNER. WORK SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION AND COMPLETION, INSTALLATION SHALL BE THOROUGHLY CLEANED OF ALL DEBRIS PRESENT AS A RESULT OF THIS CONTRACT AND SHALL BE REMOVED FROM THE PREMISES, DO NOT ABANDON.

CODES AND REGULATIONS

EACH SUBCONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES AND REGULATIONS BEARING ON THE CONDUCT OF THE WORK AS DRAWN AND SPECIFIED. IF A SUBCONTRACTOR OBSERVES THAT THE DRAWINGS AND SPECIFICATIONS ARE AT A VARIANCE, HE SHALL PROMPTLY NOTIFY THE GENERAL CONTRACTOR AND THE TENANT IN WRITING. IF ANY SUBCONTRACTOR PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO LAWS, ORDINANCES, RULES AND REGULATIONS AND WITHOUT GIVING SUCH NOTICE, THE SUBCONTRACTOR SHALL BEAR ALL COSTS ARISING THEREFROM.

PROTECTION OF WORK AND PROPERTY

A. EACH SUBCONTRACTOR SHALL CONTINUOUSLY MAINTAIN ADEQUATE PROTECTION OF ALL HIS WORK FROM DAMAGE AND SHALL PROTECT THE OWNER'S PROPERTY FROM INJURY OR LOSS ARISING FROM HIS WORK. ANY SUCH DAMAGE, INJURY OR LOSS, EXCEPT SUCH AS MAY BE DIRECTLY DUE TO CAUSES BEYOND HIS CONTROL AND NOT TO HIS FAULT OR NEGLIGENCE, SHALL BE THE RESPONSIBILITY OF THE SUBCONTRACTOR. HE SHALL ADEQUATELY PROTECT ADJACENT PROPERTY AS WELL.

B. EACH SUBCONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE SAFETY OF THEIR EMPLOYEES ON THE WORK AND SHALL COMPLY WITH ALL PROVISIONS OF FEDERAL, STATE AND LOCAL BUILDING CODES AND SAFETY LAWS TO PREVENT ACCIDENTS OR INJURY TO PERSONS ON OR ADJACENT TO THE PREMISES WHERE THE WORK IS BEING PERFORMED. EACH SUBCONTRACTOR SHALL MAINTAIN ALL INSURANCE REQUIRED TO PROTECT HIMSELF, THE OWNER AND TENANT FOR THE DURATION OF THE WORK AGAINST PROPERTY DAMAGE AND PUBLIC LIABILITY.

CHANGES IN THE WORK

THE TENANT, WITHOUT INVALIDATING THE CONTRACT, MAY ORDER EXTRA WORK OR MAKE CHANGES BY ALTERING, ADDING TO, OR DEDUCTING FROM THE WORK, WITH CONTRACT SUM BEING ADJUSTED ACCORDINGLY.

COOPERATION

ALL WORK UNDER THESE SPECIFICATIONS SHALL BE ACCOMPLISHED IN CONJUNCTION WITH OTHER CONTRACTORS AND TRADES OF THIS PROJECT IN A MANNER WHICH WILL ALLOW EACH CONTRACTOR AND TRADE SUFFICIENT TIME AT THE PROPER STAGE OF CONSTRUCTION TO FULFILL HIS CONTRACTS. CONTRACTORS SHALL CONTACT OWNER FOR INSTRUCTIONS SHOULD ANY QUESTIONS ARISE BETWEEN TRADES AS TO THE INSTALLATION OF LINES, DUCTS, CONDUITS, FIXTURES, OR EQUIPMENT, OR SHOULD IT APPEAR DESIRABLE TO ANY GENERAL CONSTRUCTION WHICH WOULD AFFECT THE APPEARANCE OR STRENGTH OF THE STRUCTURE.

SUBSTITUTION OF MATERIALS

MANUFACTURERS ARE LISTED ON PLANS TO ESTABLISH A STANDARD. THE PRODUCTS OF OTHER MANUFACTURERS WILL BE ACCEPTABLE, IF IN THE OPINION OF THE TENANT, THE SUBSTITUTE MATERIAL IS OF QUALITY EQUAL TO OR BETTER THAN THE MATERIAL SPECIFIED, AND WILL SERVE WITH EQUAL EFFICIENCY AND DEPENDABILITY, FOR THE PURPOSE OF WHICH THE ITEMS SPECIFIED WERE INTENDED.

SHOP DRAWINGS

SHOP DRAWINGS AND CATALOG DATA ON ALL MAJOR ITEMS OF EQUIPMENT AND SYSTEMS, AND OTHER SUCH ILLUSTRATIVE MATERIAL THAT MAY BE CONSIDERED NECESSARY BY THE TENANT SHALL BE SUBMITTED BY THIS CONTRACTOR IN ADEQUATE TIME TO PREVENT DELAY AND/OR CONSTRUCTION MODIFICATIONS.

DRAWINGS AND SPECIFICATIONS

- A. THE DRAWINGS DIAGRAMMATICALLY INDICATE THE LOCATIONS OF THE VARIOUS LINES, DUCTS, CONDUITS, FIXTURES, AND EQUIPMENT AND THE METHOD OF CONNECTING AND CONTROLLING THEM. IT IS NOT INTENDED TO SHOW EVERY CONNECTION IN DETAIL AND ALL FITTINGS REQUIRED FOR A COMPLETE SYSTEM.
- B. SHOULD ANY CHANGES BE DEEMED NECESSARY BY THE CONTRACTOR, TO ANY ITEMS SHOWN ON CONTRACT DRAWINGS, SHOP DRAWINGS, DESCRIPTIONS, AND THE REASON FOR THE PROPOSED CHANGES SHALL BE SUBMITTED TO THE OWNER FOR APPROVAL.

RESPONSIBILITY

- A. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR THE SATISFACTORY AND COMPLETE EXECUTION OF ALL WORK INCLUDED IN HIS CONTRACT. HE SHALL PRODUCE COMPLETE AND FULLY OPERATIONAL SYSTEMS AND PROVIDE ALL INCIDENTAL ITEMS REQUIRED AS PART OF HIS WORK, REGARDLESS OF WHETHER SUCH ITEM IS PARTICULARLY SPECIFIED OR INDICATED. FOR EXAMPLE, ON SINK INSTALLATIONS, ESCUTOCHONS SHALL BE PROVIDED FOR COUNTERTOP PENETRATIONS, ALTHOUGH THEY WERE NOT SPECIFICALLY IDENTIFIED IN THE CONTRACT DOCUMENTS.
- B. CONTRACTOR SHALL SUPPLY TO LANDLORD AND TENANT A CERTIFIED AIR BALANCE REPORT AT COMPLETION OF PROJECT. THIS SHALL BE REQUIRED FOR BOTH REMODELED AND NEW STORES.

HEATING, VENTILATING AND AIR CONDITIONING

GENERAL

- A. THE WORK COVERED BY THIS SECTION OF THESE SPECIFICATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE RESPECTIVE DRAWINGS, INFORMATION OR INSTRUCTIONS TO BIDDERS, GENERAL CONDITIONS, ADDENDA, OR DIRECTIVES WHICH MAY BE ISSUED BY THE OWNER, SHALL BE COMPLIED WITH IN EVERY ASPECT.
- B. THE LISTING HEREIN OF AN ARTICLE OR MATERIAL, OPERATION OR METHOD, REQUIRES THAT THE CONTRACTOR SHALL FURNISH AND INSTALL EACH ITEM LISTED, UNLESS SPECIFICALLY NOTED TO THE CONTRARY. THE CONTRACTOR SHALL PERFORM EACH OPERATION PRESCRIBED OR LISTED ACCORDING TO THE CONDITIONS STATED.

EXAMINATION OF SITE

ALL CONTRACTORS SUBMITTING PROPOSALS FOR THIS WORK SHALL FIRST EXAMINE THE SITE AND ALL EXISTING CONDITIONS AFFECTING HIS WORK. ALL PROPOSALS SHALL SPECIFY, IN WRITING, ALL SUCH CONDITIONS THAT MAY ALTER OR AFFECT THE WORK UNDER THIS CONTRACT.

SCOPE

FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR NECESSARY FOR A COMPLETE AND FULLY OPERATIONAL HEATING, VENTILATING, AND AIR CONDITIONING SYSTEM EXCEPT AS SPECIFICALLY EXCLUDED BY DRAWINGS AND/OR BY TENANT'S DIRECTIONS.

EQUIPMENT (RECENTLY INSTALLED BY LANDLORD)

- A. 1. ROOFTOP UNITS: FURNISH HEATING AND AIR CONDITIONING AS SCHEDULED. UNIT TO BE COMBINED PACKAGED SYSTEM, ALL SEASON EQUIPMENT, CONSISTING OF GAS HEATING SECTION, BLOWER, DX COIL, COMPRESSOR(S), AND AIR COOLED CONDENSING SECTION. UNIT SHALL BE DESIGNED FOR DOWN FLOW ARRANGEMENT WITH ALL DUCT PENETRATIONS WITHIN FACTORY FLOOR CURB.
2. FEATURES: UNITS TO BE WOUND FOR VOLTAGE AND PHASE AS SCHEDULED. HEAVY GAUGE ALUMINIZED STEEL, STAINLESS STEEL OR COATED HEAT EXCHANGER WILL BE ACCEPTABLE. UNIT MUST BE A.G.A. APPROVED FOR OUTDOOR APPLICATION. DIRECT EXPANSION COIL WITH FACTORY INSTALLED EXPANSION VALVE — BLOWER SHALL BE OF THE CENTRIFUGAL BELT DRIVEN OR MULTI-SPEED DIRECT DRIVE TYPE WITH FORWARD CURBED BLADES — BLOWER AND MOTOR ISOLATED FOR QUIET OPERATION — BUILT IN MOTOR STARTER WITH OVER VOLTAGE PROTECTION. HERMETICALLY SEALED COMPRESSOR WITH INHERENT OVERLOAD PROTECTION THERMOSTAT — NON-PRORATED 5-YEAR WARRANTY ON COMPRESSOR AND 10-YEAR WARRANTY ON HEAT EXCHANGER — CONDENSER COIL CONSTRUCTED OF COPPER TUBING WITH ALUMINUM FINNS — CRANKCASE HEATERS — BUILT IN MOTOR STARTERS ELECTRIC IGNITION — HIGH, LOW PRESSURE CUTOFF ON COMPRESSOR — SHUTOFF VALVES ON LIQUID AND SUCTION LINES — SHORT CYCLE TIMER PROTECTION — FILTER — DRYER — VIBRATION ISOLATION. UNIT FACTORY CHARGED.
3. ACCESSORIES: REFER TO RTU SCHEDULE ON SHEET M1.0

- B. FILTERS — FILTERS SHALL BE OF THE THROW AWAY TYPE WHEREVER POSSIBLE. IF FILTERS ARE BY NECESSITY THE PERMANENT TYPE, THEY MUST BE OF THE CLEANABLE, HIGH VELOCITY TYPE AND SHALL BE AMERICAN AIR FILTERS, AIR MAYS, EVANS, OR APPROVED EQUAL. FILTERS SHALL BE OF THE OPTIMUM THICKNESS AND DESIGN FACE VELOCITY SHALL NOT EXCEED 500 FPM. INSTALLATION OF THE AIR CONDITIONING UNIT SHALL NOT IMPEDE OR CONFLICT WITH ACCESS TO FILTERS. IF THE FILTERS ARE IN FRAME HOLDERS, HOLDERS SHALL BE PROVIDED WITH A LEFT HANDLE.
- C. THE HVAC SUBCONTRACTOR SHALL IDENTIFY ALL ROOF MOUNTED HVAC EQUIPMENT AND RELATED ACCESSORIES WITH 2" HIGH PAINTED STENCILLED LETTERS OF THE STORE NAME ON ALL SIDES OF EQUIPMENT.
- D. ALL ROOFTOP UNITS SHALL BE EQUIPPED WITH COMMERCIAL GRADE PROGRAMMABLE THERMOSTAT WITH REMOTE SENSORS.

HEATING AND COOLING THERMOSTAT CAPABLE OF BEING ADJUSTED TO 55°F HEATING AND 85°F COOLING. DESIGN AND STANDARD CONDITIONS FOR THERMOSTAT OPERATION SHALL BE AS FOLLOWS:

COOLING: 75°F MAXIMUM OCCUPIED COOLING TEMPERATURE
85°F COOLING NIGHT SETBACK.

HEATING: 70°F MAXIMUM OCCUPIED HEATING TEMPERATURE
60°F HEATING NIGHT SETBACK.

FAN: CONTINUOUS IN OCCUPIED AND RECOVERY MODE AND WITH HEATING OR COOLING EQUIPMENT IN UNOCCUPIED MODE.

DEADBAND: CAPABLE OF MAINTAINING A 5°F DEADBAND.

CLOCK: 7 DAY CAPABLE OF 7 DIFFERENT DAY SCHEDULES.

OVERNIGHT: HAVE A 2 HOUR OVERRIDE ACCESSIBLE TO MANAGER.

BACKUP: CAPABLE OF MAINTAINING PROGRAMMED SETTING FOR AT LEAST 10 HOURS WITHOUT POWER.

EXHAUST FANS

1. TOILET EXHAUST— REFER TO M1.0 SHEET FOR ADDITIONAL INFORMATION.

DUCTWORK

A. SQUARE/RECTANGULAR DUCTWORK SHALL BE CONSTRUCTED OF NEW GALVANIZED PRIME GRADE SHEET STEEL.

B. ROUND DUCTWORK SHALL BE CONSTRUCTED OF NEW GALVANIZED PRIME GRADE SHEET STEEL.

ALL 90 DEGREE ELBOWS FOR ROUND DUCTWORK SHALL BE FIVE (5) PIECE. ALL LONGITUDINAL SEAMS SHALL BE FORMED BY PITTSBURGH LOCKS. JOINTS SHALL BE SWAGGED WITH ONE-HALF INCH (1/2") OVERLAP.

C. ALL SUPPLY AIR DUCTS, RETURN AIR DUCTS AND OUTSIDE AIR DUCTS SHALL BE GALVANIZED STEEL WITH 2" THICK (MINIMUM R-5) EXTERNAL ACOUSTICAL AND THERMAL INSULATION.

D. FLEXIBLE AIR DUCT FOR CONNECTIONS BETWEEN S.M. DUCT AND DIFFUSER SHALL BE AIR DUCT LISTED BY UNDERWRITERS LABORATORIES UNDER UL STANDARD 181 AS A CLASS 1 FLEXIBLE AIR DUCT AND COMPLYING WITH NFPA STANDARDS 90A AND 90B. DUCT SHALL BE FACTORY MADE AND COMPOSED OF A CPE LINER DUCT PERMANENTLY BOUNDED TO A COATED SPRING STEEL WIRE HELIX AND SUPPORTING A FIBER GLASS INSULATING BLANKET. R-5.0 LOW PERMEABILITY OUTER VAPOR BARRIER OF FIBER GLASS REINFORCED FILM LAMINATE SHALL COMPLETE THE COMPOSITE.

E. CONTRACTOR SHALL SUPPLY AND INSTALL INSECT SCREENS ON ALL DUCT OPENINGS WHICH TERMINATE OUTDOORS. INSECT SCREENS SHALL BE 10 GAUGE, ONE-HALF INCH (1/2") MESH IN REMOVABLE GALVANIZED STEEL FRAMES.

F. ALL DUCTWORK SHALL BE DESIGNED IN ACCORDANCE WITH THE PROCEDURES DESCRIBED IN THE LATEST EDITION OF THE AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING ENGINEERS GUIDE (ASHRAE), FABRICATED AND INSTALLED IN ACCORDANCE WITH THE METHODS RECOMMENDED IN THE SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION (SMACNA) HVAC DUCT CONSTRUCTION STANDARDS — METAL AND FLEXIBLE

1. ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK MUST BE SECURELY SEALED USING WELDMENTS; MECHANICAL FASTENERS WITH SEALS, GASKETS, OR MASTICS; MESH AND MASTIC SEALING SYSTEMS; OR TAPES, TAPES AND MASTICS MUST BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B. ALL LONGITUDINAL AND TRANSVERSE JOINTS, SEAMS AND CONNECTIONS OF SUPPLY AND RETURN DUCTS OPERATING AT STATIC PRESSURES LESS THAN OR EQUAL TO 2" W.G. SHALL BE SECURELY FASTENED AND SEALED WITH WELDS GASKETS, MASTICS (ADHESIVES), MASTIC-PLUS-EMBEDDED FABRIC SYSTEMS OR TAPES INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. MECHANICAL FASTENERS AND SEALS, MASTICS, OR GASKETS MUST BE USED WHEN CONNECTING DUCTS TO FANS AND OTHER AIR DISTRIBUTION EQUIPMENT.

HANGERS AND SUPPORTS

A. ALL HORIZONTAL DUCTS HAVING A DIMENSION OF 40 INCHES AND LESS SHALL BE SUPPORTED BY MEANS OF BAND IRON HANGERS OF NO. 18 U.S. GAUGE ATTACHED TO DUCT BY MEANS OF RIVETS, SCREWS OR CLAMPS, AND FASTENED TO STRUCTURE ABOVE BY TOGGLE BOLTS OR OTHER MEANS. EACH SECTION OF DUCTWORK SHALL HAVE AT LEAST ONE PAIR OF SUPPORTS. VERTICAL DUCTS SHALL BE SUPPORTED WITH 1-1/4" x 1-1/4" x 1-1/4" ANGLES AT FLOOR PENETRATIONS.

B. ALL HORIZONTAL DUCTS HAVING A DIMENSION OF 40 INCHES AND MORE SHALL BE SUPPORTED BY MEANS OF ANGLE IRON TRAPEZE HANGERS. EACH SECTION OF DUCTWORK SHALL HAVE AT LEAST ONE PAIR OF SUPPORTS.

FLASHING

- A. CONTRACTOR SHALL PROVIDE WATER TIGHT 24 GA. SHEET METAL FLASHINGS AT ALL EXTERIOR WALLS AND ROOF PENETRATIONS.
- B. ALL CUTTING OF ROOF OPENINGS, SUPPORTS FOR ROOF OPENINGS, PITCH PANS, ROOF CURBS, FLASHINGS, COUNTER FLASHINGS, REPAIR TO ROOF, ETC. ASSOCIATED WITH HVAC SUBCONTRACTOR SHALL BE INCLUDED IN THE RESPONSIBILITY OF THE HVAC SUBCONTRACTOR. HE SHALL EMPLOY THE LANDLORD'S ROOFERS FOR THIS WORK TO MAINTAIN THE ROOF WARRANTY.

DAMPERS

A. SPLITTER DAMPERS SHALL BE FABRICATED OF SHEET STEEL NOT LESS THAN NO. 16 U.S. GAUGE WITH THE LEADING EDGE HEMMED. EACH DAMPER TO BE SIZED ADEQUATELY TO COVER THE SMALLER OF THE TWO OPENINGS IF CONTROLS. DAMPERS SHALL BE CONTROLLED AS FOLLOWS:

EXPOSED OR ACCESSIBLE DUCTWORK — LOCKING QUADRANTS EQUAL TO YOUNG-REGULATOR NO. 1 WITH DAMPER ROD END BEARINGS ON OPPOSITE END.

CONCEALED DUCTWORK — LOCKING QUADRANT EQUAL TO YOUNG REGULATOR NO. 315 (CHROMIUM PLATED WITH DAMPER ROD END BEARINGS ON BOTH ENDS).

B. VOLUME DAMPERS SHALL BE OF THE OPPOSED INTERLOCKING TYPE AS MANUFACTURED BY AMERICAN FOUNDRY AND FURNACES CO. (AFFCO) OR EQUAL. BLADES SHALL BE OF NO. 16 GAUGE SHEET METAL AND SHALL NOT EXCEED 48" IN LENGTH OR 12" IN WIDTH. BLADES SHALL BE ON ONE-HALF INCH (1/2") DIAMETER RUSTPROOF AXLE. BEARINGS TO BE OF THE SELF-LUBRICATING FERRULE TYPE.

C. FIRE DAMPERS SHALL BE SUPPLIED AND INSTALLED BY HVAC CONTRACTOR AT DUCT PENETRATIONS IN FIRE RATED WALLS, FLOORS, CEILINGS AND ROOF AS REQUIRED. COORDINATE WITH LANDLORD, LOCAL FIRE MARSHALL AND ALL CODES AND GOVERNING AUTHORITIES HAVING JURISDICTION.

D. FIELD FABRICATED TURNING VANES SHALL BE ACCEPTABLE IN SQUARE ELBOWS. PROVIDE AND INSTALL BARBER-COLMAN AIRTURNS OR EQUAL. TURNING VANES SHALL BE OF THE SAME GAUGE METAL AS THE DUCT IN WHICH THEY ARE INSTALLED. RADIUS ELBOWS SHALL HAVE A CENTER LINE RADIUS OF ONE AND ONE-HALF (1-1/2) TIMES THE DUCT WIDTH.

DUCTWORK — EXCEPTIONS

DUCTWORK FOR EXHAUST OR OUTSIDE SUPPLY AIR SHALL BE ALL METAL AND CONSTRUCTED ACCORDING TO RECOMMENDED PRACTICES OF THE LATEST ISSUE OF ASHRAE AND SMACNA STANDARDS.

SUPPORT OF DUCT SYSTEM

HANGER DESIGN SHALL BE AS DESCRIBED IN THE LATEST EDITION OF THE "SMACNA" MANUAL. REINFORCEMENT MEMBERS MAY BE USED TO SUPPORT DUCT SYSTEM PROVIDED DETAILS OUTLINED IN THE "SMACNA" MANUAL ARE ADHERED TO.

DUCTS SHALL BE SUPPORTED AT ALL TURNS AND TRANSITIONS AND NOT MORE THAN 8'-0" O.C. STRAIGHT DUCTS UP TO 59" MAX. DIMENSIONS SHALL BE SUPPORTED 6'-0" O.C. DUCTS OVER 60" MAX. DIMENSIONS SHALL BE SUPPORTED AT 4'-0" O.C.

REINFORCEMENT

ALL DUCTS SHALL BE REINFORCED ACCORDING TO THE LATEST EDITION OF SMACNA MANUAL. MATERIALS FOR REINFORCEMENT MEMBERS SHALL BE GALVANIZED STEEL. ALL SCREWS AND WASHERS SHALL BE PLATED OR GALVANIZED.

GAS PIPING: (RECENTLY INSTALLED BY LANDLORD)

- A. GAS PIPING ABOVE GROUND: ASTM A53, SCHEDULE 40 BLACK STEEL WITH SCREWED JOINTS. WHEN GAS PIPING IS RUN IN THE INTERIOR OF BUILDING JOINTS ARE TO BE WELDED. FITTINGS SHALL BE BLACK STEEL.
- B. PROVIDE PRESSURE REDUCING VALVES AS NECESSARY TO REDUCE PRESSURE TO EQUIPMENT NAMEPLATE CAPACITIES PRIOR TO CONNECTION.
- C. GAS PIPING SHALL BE IN ACCORDANCE WITH PLUMBING CODES, MECHANICAL CODES, THE INTERNATIONAL FUEL GAS CODE, AND LOCAL PLUMBING AUTHORITIES.
- D. ALL GAS PIPING SHALL BE TESTED AND INSPECTED FOR LEAKS IN ACCORDANCE WITH THE INTERNATIONAL FUEL GAS CODE SECTION 406

TESTING AND ADJUSTING

CONTRACTOR SHALL DEMONSTRATE OPERATION OF SYSTEM TO FULL SATISFACTION OF TENANT, SHALL BALANCE AIR FLOW IN ACCORDANCE WITH AIR QUANTITIES ON DRAWINGS AND SHALL RECORD VOLUME READINGS IN ACCORDANCE WITH ASHRAE AND PROVIDE SAME TO TENANT. OPERATION AND MAINTENANCE DOCUMENTATION MUST BE PROVIDED TO THE OWNER THAT INCLUDES AT LEAST THE FOLLOWING INFORMATION:

- A. EQUIPMENT CAPACITY (INPUT AND OUTPUT) AND REQUIRED MAINTENANCE ACTIONS.
- B. EQUIPMENT OPERATION AND MAINTENANCE MANUALS.
- C. HVAC SYSTEM CONTROL MAINTENANCE AND CALIBRATION INFORMATION, INCLUDING WIRING DIAGRAMS, SCHEMATICS, AND CONTROL SEQUENCE DESCRIPTIONS; DESIRED OR FIELD-DETERMINED SET POINTS MUST BE PERMANENTLY RECORDED ON CONTROL DRAWINGS, AT CONTROL DEVICES, OR, FOR DIGITAL CONTROL SYSTEMS, IN PROGRAMMING COMMENTS.
- D. COMPLETE NARRATIVE OF HOW EACH SYSTEM IS INTENDED TO OPERATE.

ALL PIPING SHALL WITHSTAND AIR PRESSURE TESTING PER GOVERNING PLUMBING CODE.

GUARANTEE

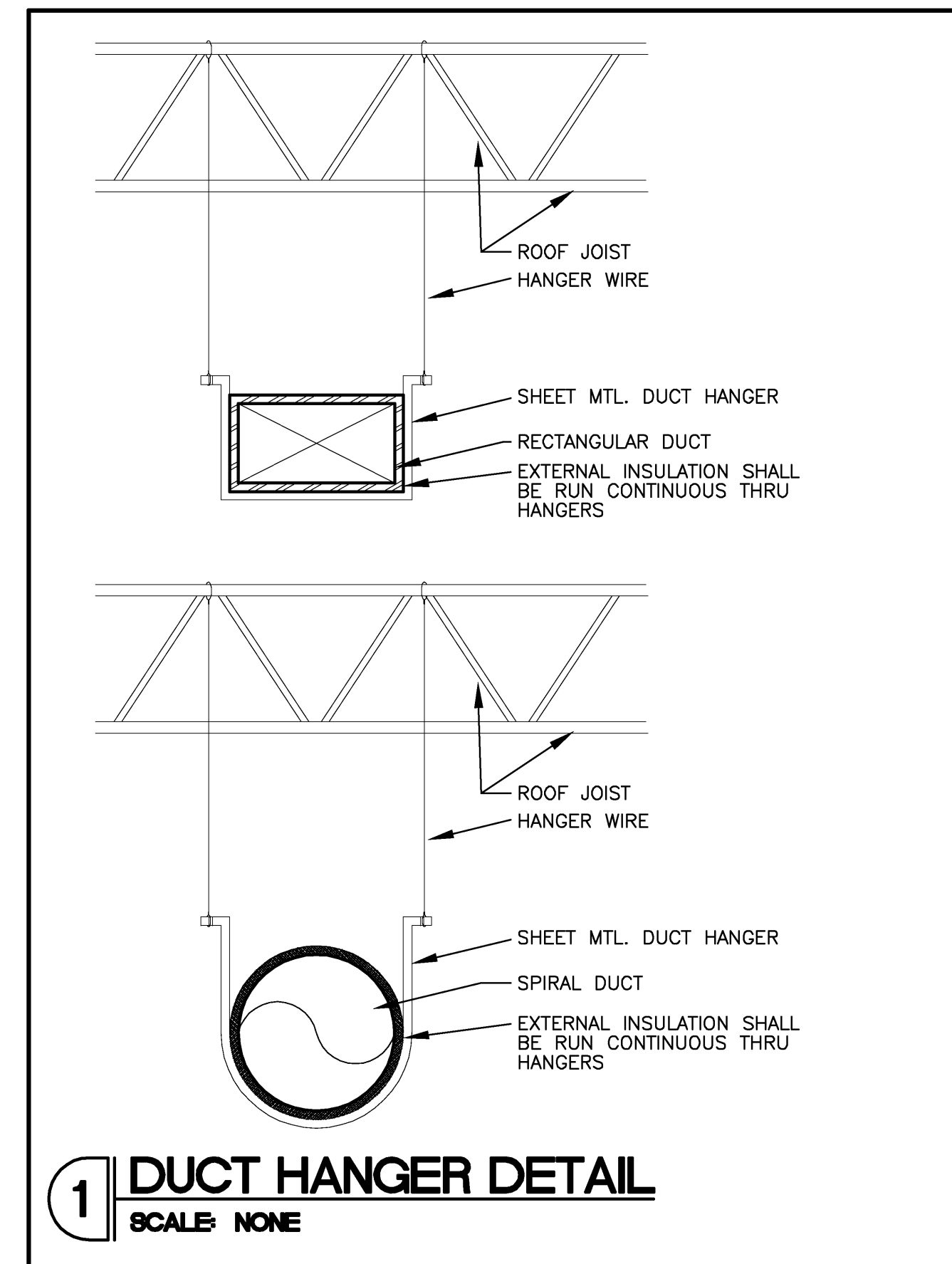
ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER DATE OF ACCEPTANCE. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIONAL, AND ACCEPTANCE BY TENANT SHALL BE A CONDITION OF THIS CONTRACT. ALL WORK FOUND TO BE DEFECTIVE SHALL BE REPAIRED OR REPLACED BY THIS SUBCONTRACTOR WITHOUT ADDITIONAL COST TO THE TENANT.

ACCESSORY ITEMS

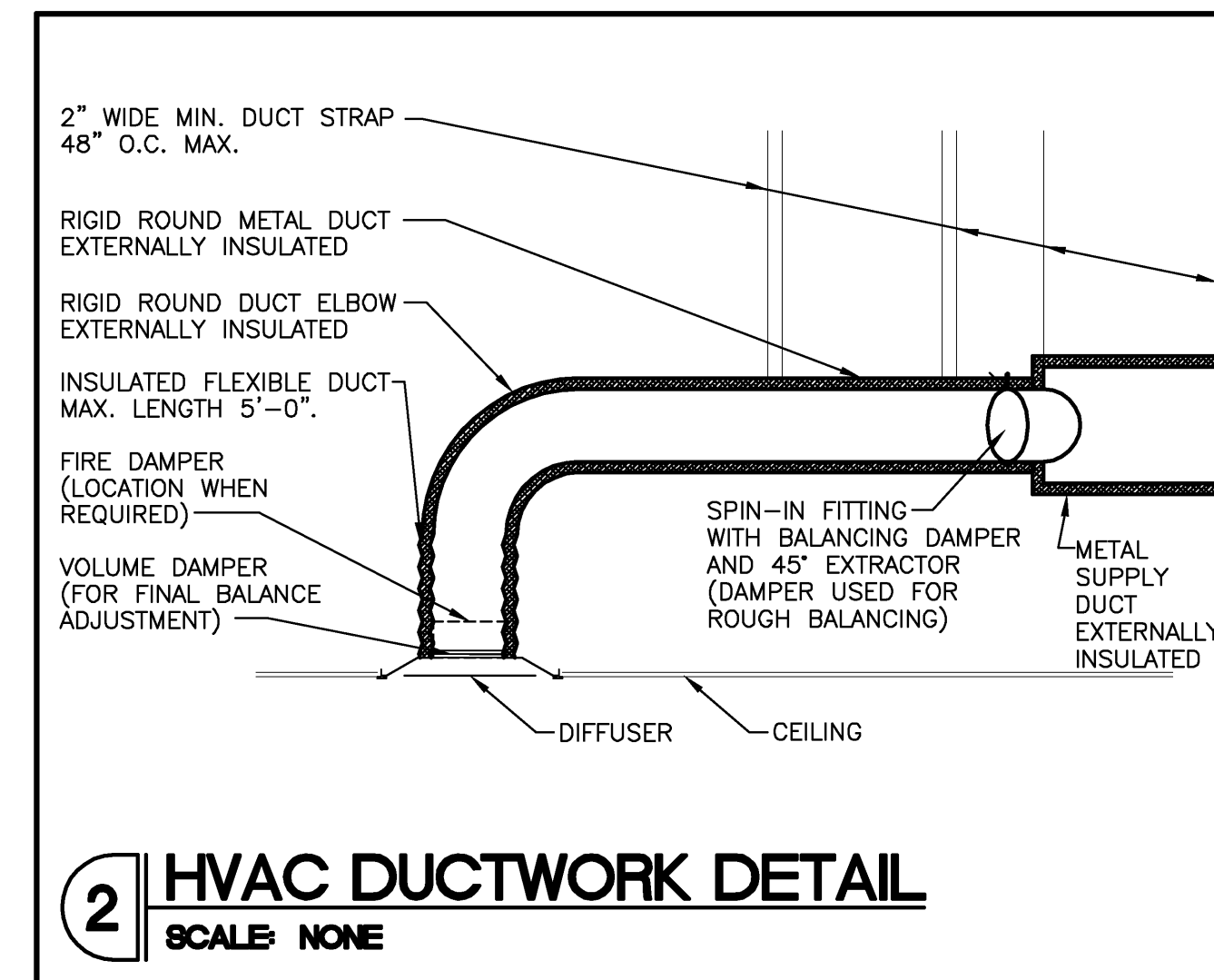
ALL MANUAL DAMPERS, FIRE DAMPERS, TURNING VANES, REGISTER CONNECTIONS, ACCESS DOORS OR OTHER ASSOCIATED ACCESSORIES SHALL BE INSTALLED ACCORDING TO THE LATEST EDITION OF "SMACNA" MANUAL.

NOTE FOR GENERAL CONTRACTOR:

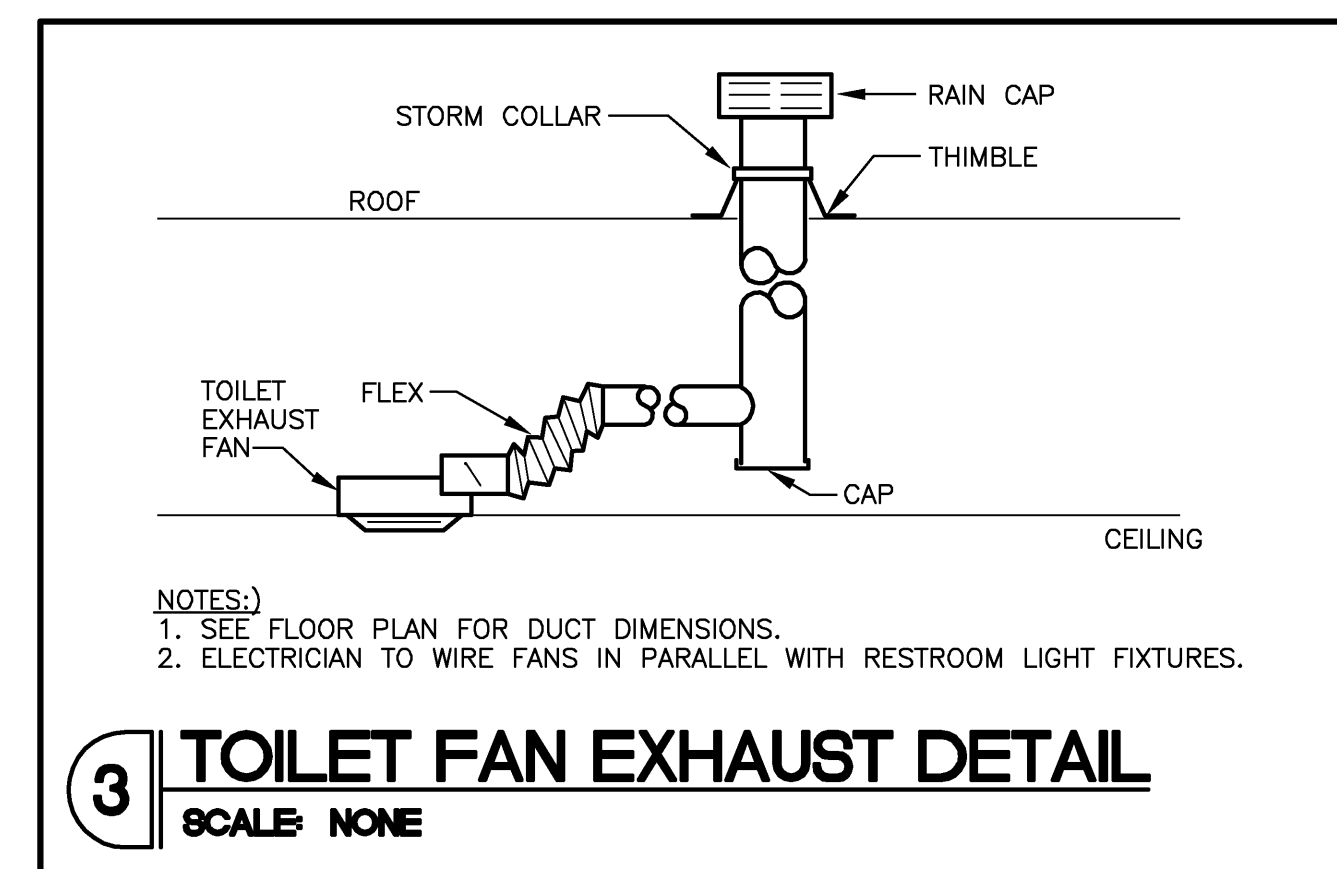
IT IS THE RESPONSIBILITY OF THE TENANT'S GENERAL CONTRACTOR TO MAKE USE OF APPLICABLE NOTES AND SPECIFICATIONS LISTED ON THIS SHEET AS THEY MAY PERTAIN TO THE SPECIFIC JOB.



1 DUCT HANGER DETAIL
SCALE: NONE



2 HVAC DUCTWORK DETAIL
SCALE: NONE



3 TOILET FAN EXHAUST DETAIL
SCALE: NONE

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REGISTRATION SEAL

REVISIONS:

PROJECT NO. 130072

DATE: 12/22/14

DRAWN BY: OYK

STORE NUMBER:

SCALE: AS NOTED

SALES AREA 2,400 S.F.

NON SALES 600 S.F.

GROSS AREA 3,000 S.F.

SHEET TITLE:

MECHANICAL
DETAILS +
SPECS.

theVitamin
Shope

123 N. WIEBER ROAD
BOLINGBROOK, IL 60440

SHEET NO:

M2.0

PLUMBING FIXTURE SCHEDULE										
FIXTURE DATA					CONNECTION DATA					REMARKS
FIXTURE	QTY.	MFG.	CATALOG NO.	COLOR	SOIL SIZE	VENT SIZE	TRAP	WATER		
								COLD	HOT	
WATER CLOSET	1	AMERICAN STANDARD	2467.100 CADET	WHITE	4"	2"	2"	1/2"	---	1.1 GPF, 16-1/2" HIGH, PRESSURE ASSISTED, "RISE AND SHINE" OPEN FRONT SEAT (MODEL#5325.024), FLUSH HANDLE ON WIDE SIDE OF TANK.
LAVATORY	1	AMERICAN STANDARD	0355.012 LUCERNE	WHITE	1 1/2"	1 1/2"	1 1/2"	1/2"	1/2"	FAUCET: AMARILIS HERITAGE MODEL# 7402.172H W/WRIST BLADE HANDLES (4" CENTERS) PROVIDE WITH THERMOSTATIC MIXING VALVE PER CODE UNDER LAVATORY. ADJUST TO A MAXIMUM SETTING OF 110°F AT TIME OF INSTALLATION.
FLOOR DRAIN	1	*ZURN	415	---	3"	2"	3"	---	---	
TRAP PRIMER	1	*PPP	PR-500	---	---	---	---	1/2"	---	
HI-LO DRINKING FOUNTAIN	1	SUNROC	ADAACB	---	1 1/4"	1 1/4"	1 1/4"	3/8"	---	BARRIER FREE BI-LEVEL W/FRONT PUSH BAR, PROVIDE WITH APRON
MOP SINK	1	FIAT	MSB-2424	WHITE	3"	2"	3"	1/2"	1/2"	FAUCET: AMERICAN STANDARD MODEL# 8350.243, HOSE & HOSE BRACKET: FIAT PRODUCTS MODEL# 832-AA, AND MOP HANGER: FIAT PRODUCTS MODEL# 889-CC.

* OR APPROVED EQUAL

PLUMBING FIXTURE CALCULATIONS									
PLUMBING FIXTURE	SANITARY FIXTURE QUANTITY	SANITARY FIXTURE UNIT EA.	SANITARY FIXTURE UNIT TOTAL	VENT SIZE EACH	C.W. F.U. EACH	C.W. F.U. TOTAL			
WATER CLOSET	1	4	4	2"	5	5			
LAVATORY	1	2	2	1 1/2"	2	2			
FLOOR DRAIN (1 NEW, 1 EXIST)	2	6	12	2"	---	---			
TRAP PRIMER	2	---	---	---	0.5	1			
MOP SINK	1	3	3	2"	3	3			
HI-LO DRINKING FOUNTAIN	1	0.5	0.5	1 1/2"	0.25	0.25			
TOTALS			21.5	---	---	11.25			
			SAN.	VENT		C.W.			
SERVICE CONNECTION SIZE			4"	4"		3/4"			

WATER HEATER SCHEDULE										
PLAN TAG	MFR.	MODEL #	CAPACITY	RECOVERY	WATTS	VOLTS	PHASE	TEMP. RISE	ELEMENT WATTS	
									LOWER	UPPER
WH-1	*A.O. SMITH	DEL-10	10-GAL.	7 GPH	1500	120	1	90° F	1500	---

* OR APPROVED EQUAL

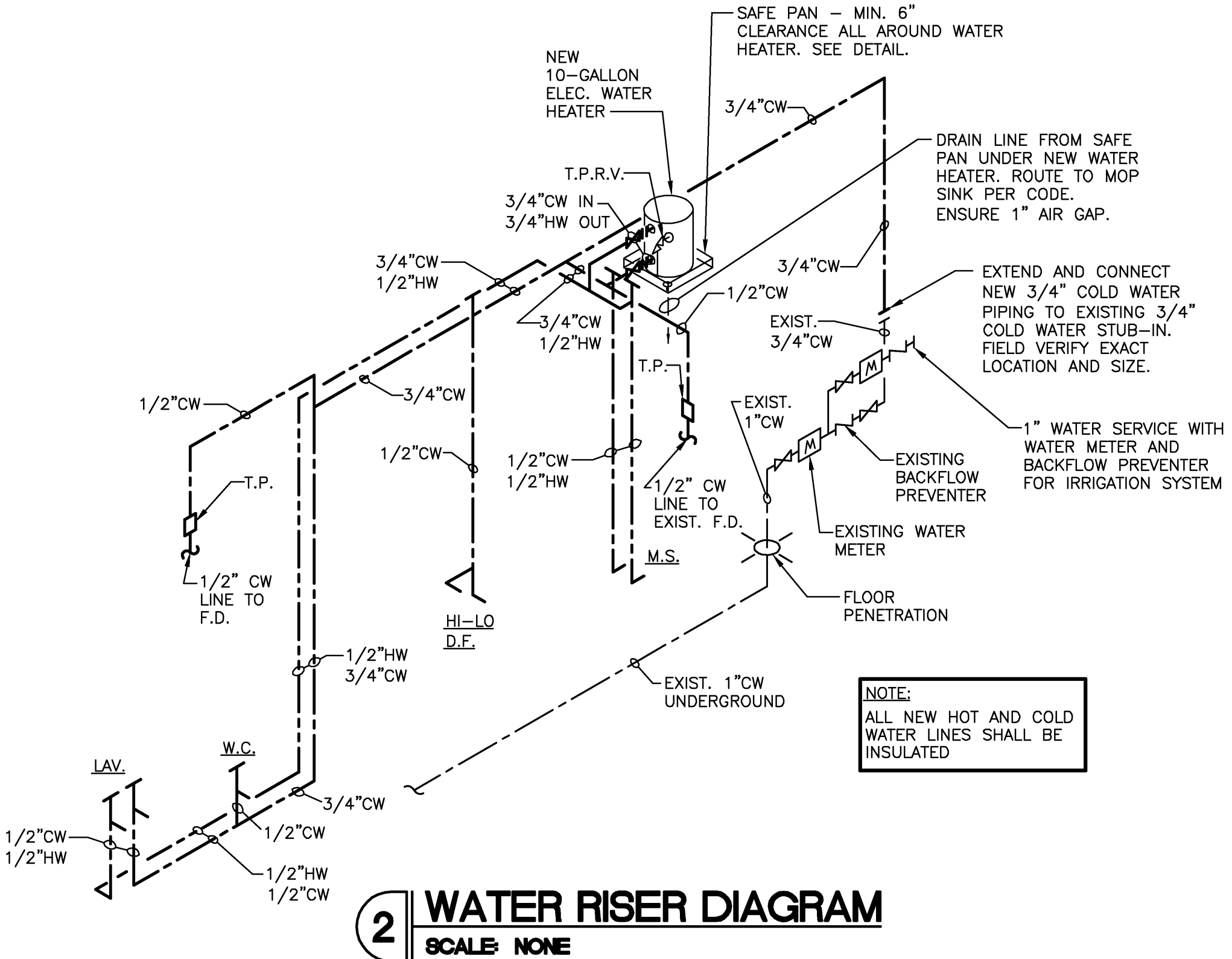
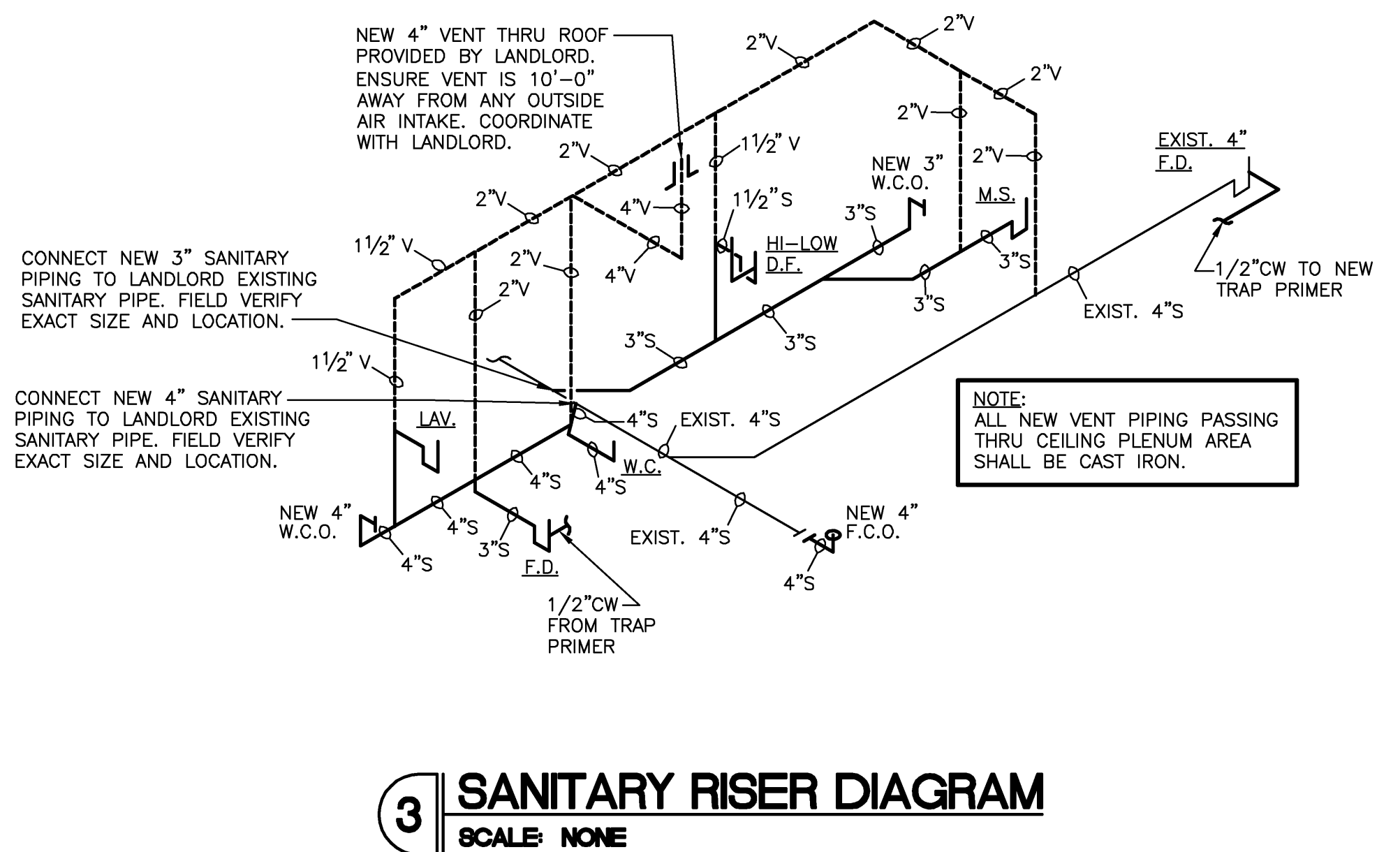
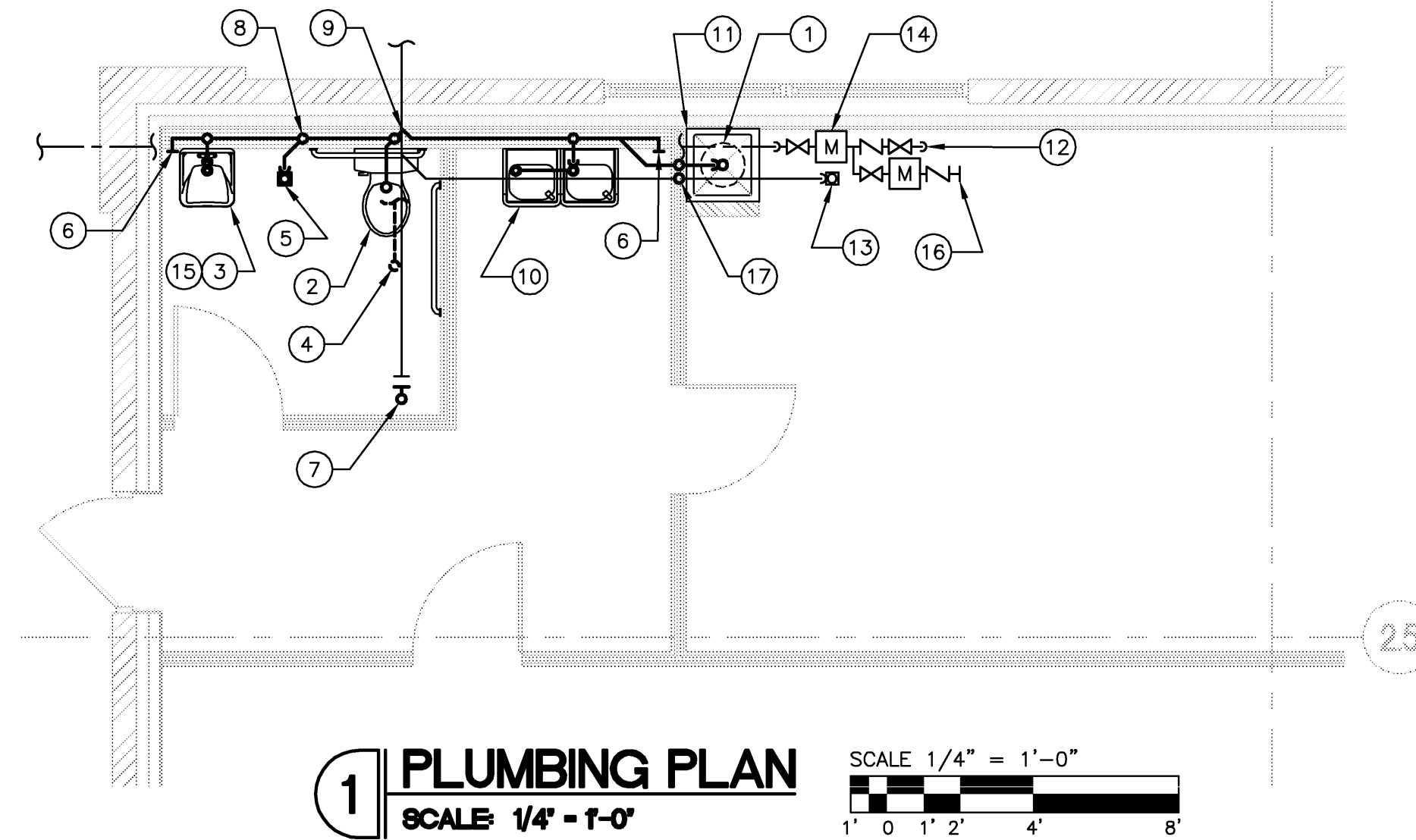
NOTE: PROVIDE DRAIN VALVE, T & P RELIEF VALVE, SIDE CONNECTIONS, AND DRAIN PAN

PLUMBING SYMBOLS			
--- SAN. ---	SANITARY SEWER LINE	Ⓡ	REMOTE READER
--- V ---	VENT LINE	T.P.R.V.	TEMPERATURE PRESSURE RELIEF VALVE
--- W ---	COLD WATER SUPPLY LINE	P.O.C.	POINT OF CONNECTION
--- HW ---	HOT WATER SUPPLY LINE	LAV.	LAVATORY
---	SHUT-OFF VALVE	W.C.	WATER CLOSET
---	BACKFLOW PREVENTER	A.F.F.	ABOVE FINISHED FLOOR
V.T.R.	VENT THRU ROOF	B.F.F.	BELOW FINISHED FLOOR
F.C.O.	FLOOR CLEAN OUT	W.H.	WATER HEATER
W.C.O.	WALL CLEAN OUT	F.D.	FLOOR DRAIN
M	WATER METER	T.P.	TRAP PRIMER

- ### PLUMBING KEYED NOTES
- NEW 10-GALLON ELECTRIC WATER HEATER SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SCHEDULE AND RISER DIAGRAMS FOR ADDITIONAL INFORMATION. COORDINATE WITH ELECTRICAL CONTRACTOR.
 - NEW HANDICAPPED WATER CLOSET SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
 - NEW HANDICAPPED LAVATORY SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
 - LANDLORD'S PLUMBING CONTRACTOR TO PROVIDE AND INSTALL NEW 4" VENT THRU ROOF. TERMINATION OF VENT THRU ROOF TO BE LOCATED A MINIMUM OF 10 FT DISTANCE FROM ANY FRESH AIR INTAKE. FIELD VERIFY EXISTING CONDITIONS.
 - NEW 3" FLOOR DRAIN PROVIDED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. SEE SCHEDULE AND DETAIL FOR ADDITIONAL INFORMATION.
 - NEW WALL CLEAN OUT PROVIDED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SANITARY RISER DIAGRAM, SCHEDULE, AND DETAIL FOR ADDITIONAL INFORMATION.
 - NEW FLOOR CLEAN OUT PROVIDED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SANITARY RISER DIAGRAM, SCHEDULE, AND DETAIL FOR ADDITIONAL INFORMATION.
 - NEW TRAP PRIMER SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO DETAIL AND SCHEDULE FOR ADDITIONAL INFORMATION.
 - LANDLORD'S PLUMBING CONTRACTOR TO CONNECT NEW SANITARY PIPING TO EXISTING 4" SANITARY PIPING. FIELD VERIFY EXACT SIZE AND LOCATION.
 - NEW HANDICAPPED HI-LOW DRINKING FOUNTAIN SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
 - MOP SINK SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
 - PLUMBING CONTRACTOR TO CONNECT NEW 3/4" COLD WATER PIPING TO EXISTING 1" COLD WATER STUB-IN. FIELD VERIFY EXACT SIZE AND LOCATION.
 - EXISTING FLOOR DRAIN TO REMAIN. FIELD VERIFY EXACT LOCATION. CLEAN AND PROVIDE GENERAL MAINTENANCE AS REQUIRED.
 - EXISTING WATER METER AND BACKFLOW PREVENTER TO REMAIN. FIELD VERIFY EXACT LOCATION.
 - LANDLORD'S PLUMBING CONTRACTOR TO SUPPLY AND INSTALL A MANUAL MIXING VALVE AT ALL LAVATORIES AND SET MAX DISCHARGE TEMPERATURE NOT TO EXCEED 110°F FROM REACHING PLUMBING FIXTURES PER CODE.
 - EXISTING 1" WATER SERVICE WITH WATER METER AND BACKFLOW PREVENTER FOR IRRIGATION SYSTEM TO REMAIN. AVOID WITH NEW CONSTRUCTION. FIELD VERIFY EXACT LOCATION.
 - NEW TRAP PRIMER SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. CONNECT TO EXISTING FLOOR DRAIN. REFER TO RISER DIAGRAMS, DETAIL AND SCHEDULE FOR ADDITIONAL INFORMATION.

PLUMBING CONTRACTOR'S NOTES

ALL OF THE PLUMBING/PIPING WORK IS NOT NECESSARILY SHOWN OR NOTED ON THESE DRAWINGS. THE CONTRACTORS SHALL VISIT THE JOB SITE AND FIELD VERIFY ALL EXISTING CONDITIONS RELATED TO THE WORK PRIOR TO BIDDING. THOSE ITEMS NOT SHOWN OR NOTED BUT WHICH ARE DEEMED NECESSARY FOR REMOVAL OR RELOCATION BY OWNER OR HIS REPRESENTATIVE SHALL BE PART OF HIS CONTRACT. THE SUBMISSION OF THE PROPOSALS SHALL BE CONSIDERED EVIDENCE THAT THE CONTRACTORS HAVE VISITED THE SITE. NO EXTRA PAYMENTS WILL BE ALLOWED THESE CONTRACTORS ON ACCOUNT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO VISIT THE JOB SITE.



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REGISTRATION SEAL

REVISIONS:

PROJECT NO. 130072
 DATE: 12/22/14
 DRAWN BY: JEC
 STORE NUMBER:
 SCALE: AS NOTED

SALES AREA 2,400 S.F.
 NON SALES 600 S.F.
 GROSS AREA 3,000 S.F.

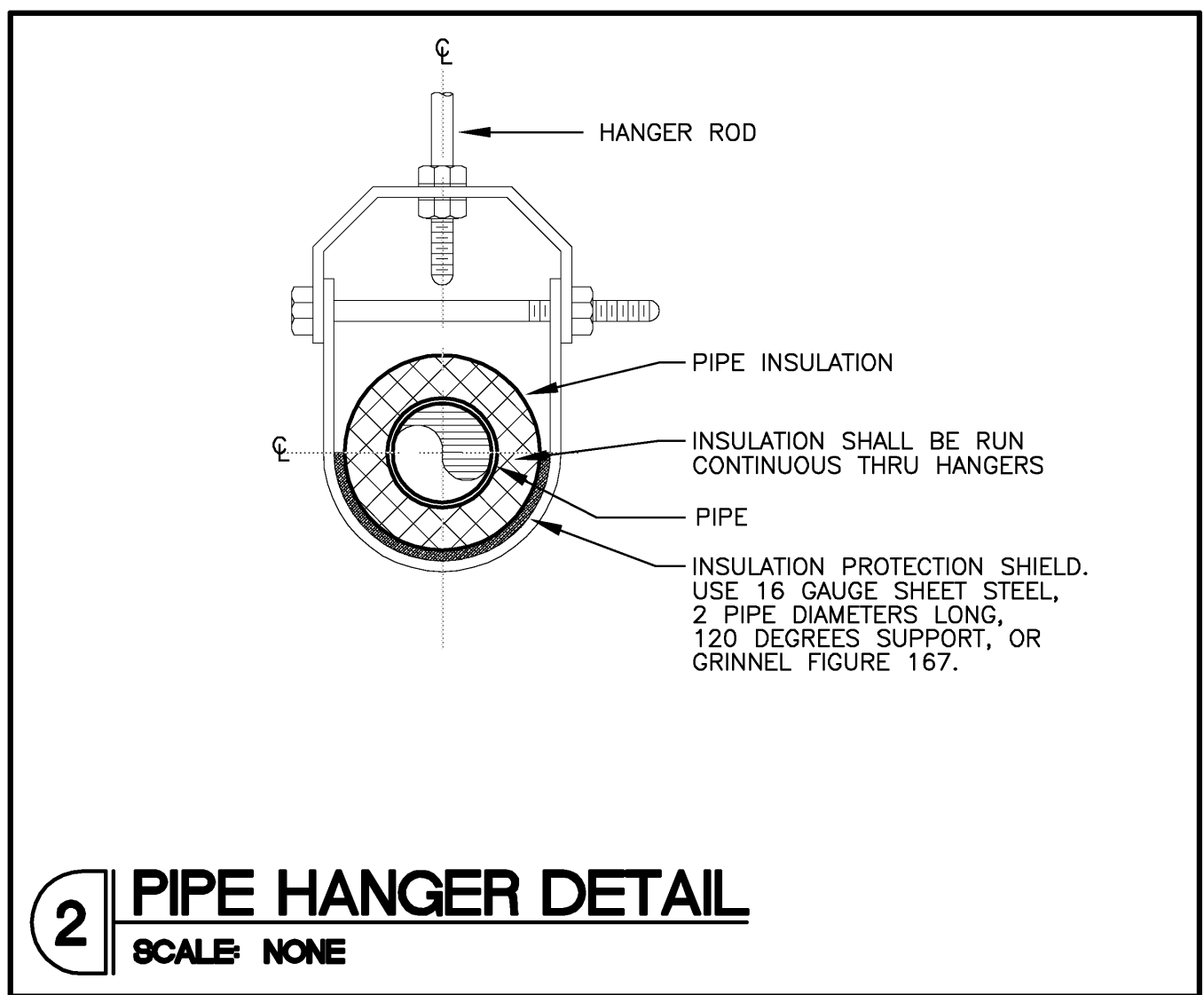
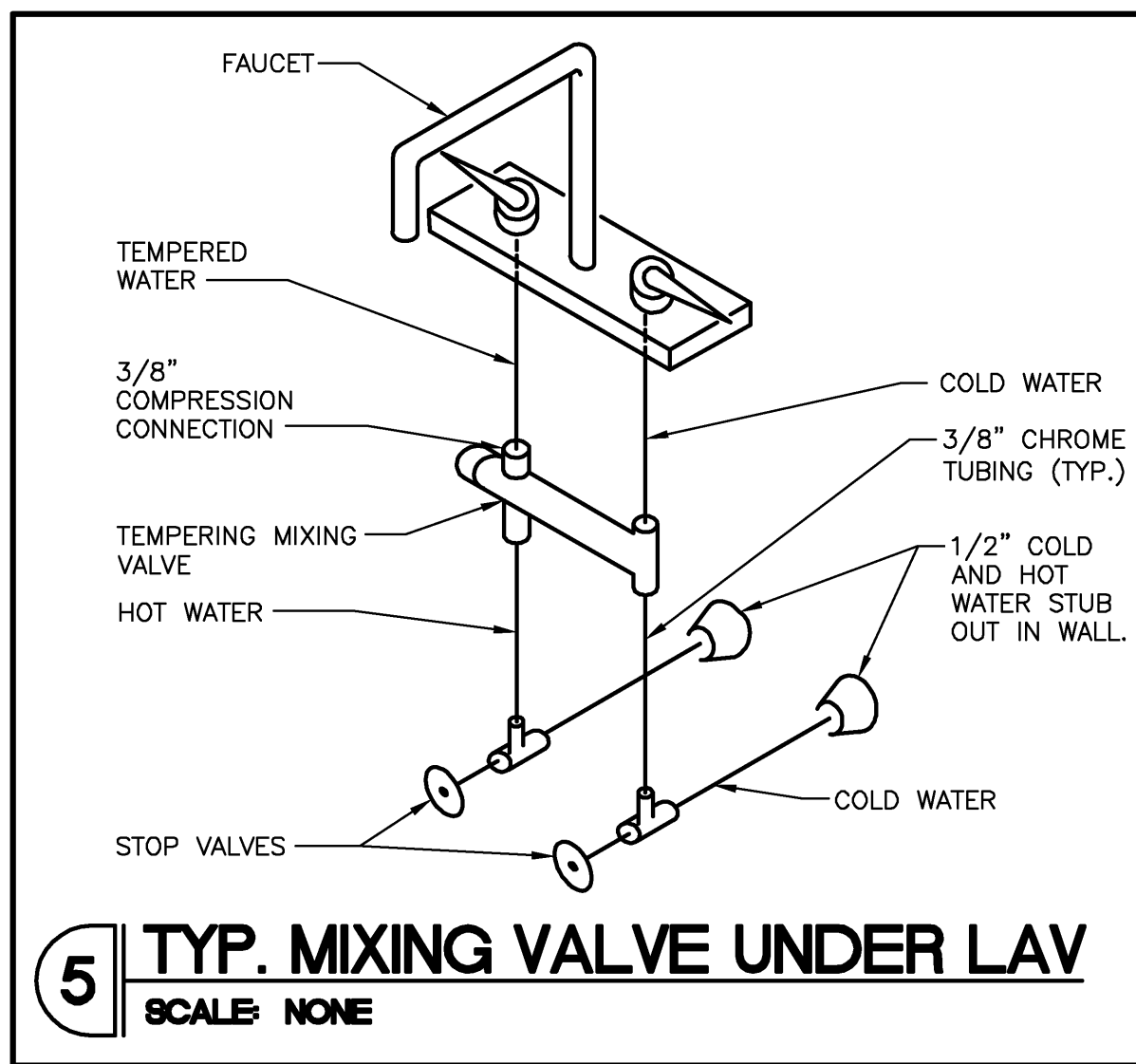
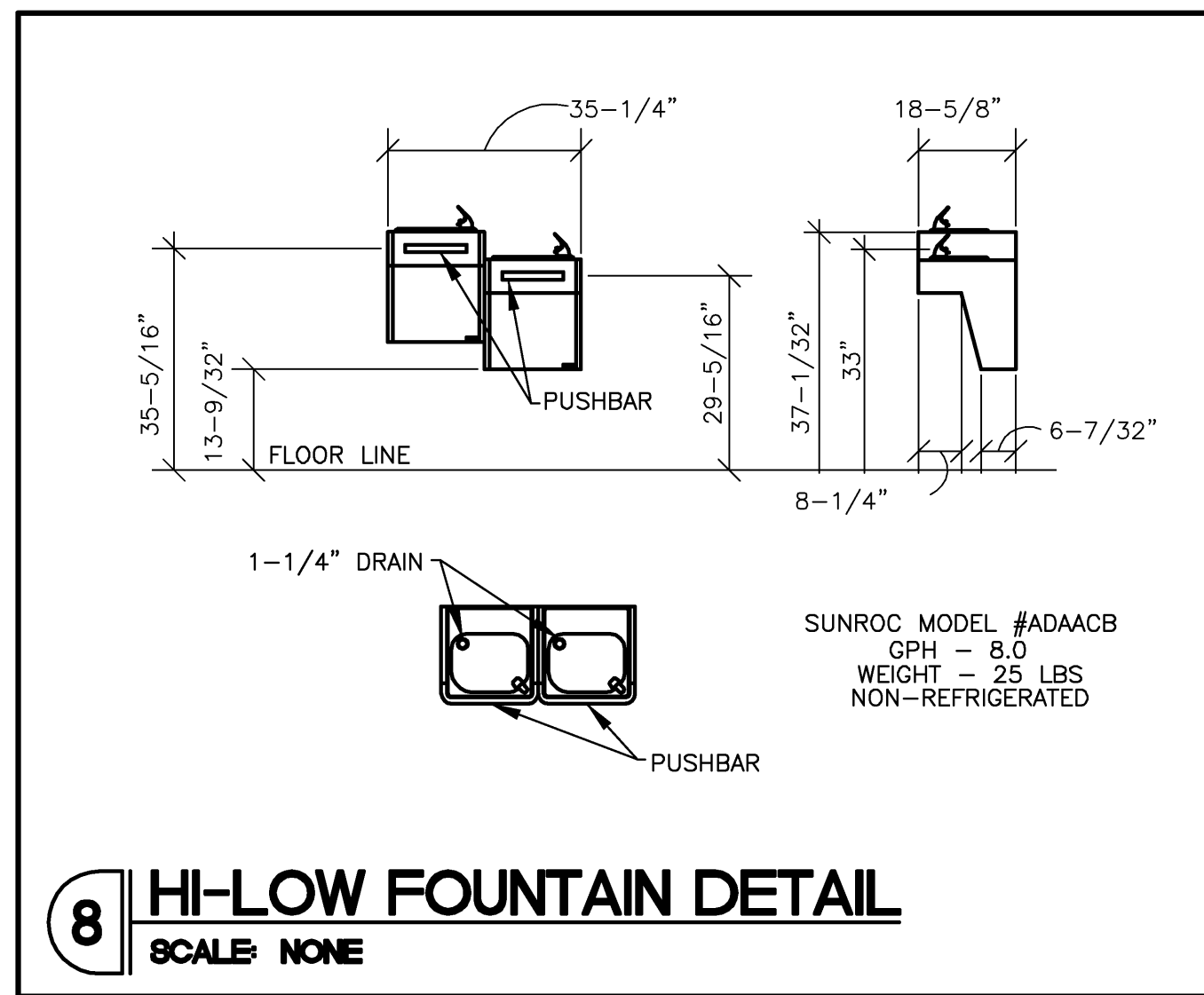
SHEET TITLE:

PLUMBING PLAN

theVitamin Shoppe
 123 N. WIEBER ROAD
 BOLINGBROOK, IL. 60440

SHEET NO:

P1.0



PLUMBING SPECIFICATIONS

HANDICAP SPECIFICATIONS: ARCHITECTURAL BARRIERS ACT 42/USC. 4151-4157

GENERAL
THE WORK COVERED BY THESE SPECIFICATIONS INCLUDES BUT IS NOT LIMITED TO PROVIDING ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLY WITH REQUIREMENTS OF THIS FACILITY. REFER TO ARCHITECTURAL SHEET AB.0 FOR ADA REQUIREMENTS AND CLEARANCES OF PLUMBING FIXTURES.

PLUMBING FIXTURES

A. WATER CLOSET (STANDARD) - AS IDENTIFIED ON PLANS - 1/2" C.W. SUPPLY AND 4" VENTED WASTE.
FORCE REQUIRED TO ACTIVATE FLUSH VALVE LEVER TO BE 5 LBS. MAXIMUM (4.16.5)

B. LAVATORY - AS IDENTIFIED ON PLANS WITH FAUCET, 1/2" C.W. AND H.W. SUPPLY AND 1-1/2" VENTED WASTE.
EXPOSED WATER AND DRAIN PIPING BELOW LAVATORY SHALL BE INSULATED WITH "PLUMBEREX" (OR EQUAL) PIPE COVERS.
FAUCET CONTROLS SHALL BE OF THE TYPE NOT REQUIRING TIGHT GRASPING, PINCHING, OR TWISTING OF WRIST AND AN OPERATING FORCE NOT EXCEEDING 5 LBS.
SELF-CLOSING VALVES SHALL BE OF THE TYPE REMAINING OPEN FOR AT LEAST 10 SECONDS.

C. CLEAN-OUTS - SHALL BE AS MANUFACTURED BY JOSAM, ZURN, OR EQUAL, AND SHALL BE INSTALLED AT ALL BENDS, ANGLES, AND ENDS OF ALL WASTE AND SEWER LINES, AS CALLED FOR ON THE DRAWINGS AND AS REQUIRED BY LOCAL CODES. ALL CLEAN-OUTS SHALL BE FLUSH WITH FINISHED FLOOR TO GRADE, AND IN ALL CASES, SHALL BE PROVIDED WITH SUFFICIENT SPACE FOR RODDING.

D. FLOOR DRAIN - AS IDENTIFIED ON PLANS. CAST IRON DRAIN WITH NICKEL-BRONZE ADJUSTABLE STRAINER; INSIDE CAULK. OUTLET AND CLAMPING DEVICE WHERE REQUIRED. PROVIDE WITH TRAP PRIMER TAP AND TRAP PRIMER WHERE INDICATED.

E. WATER HEATER - MANUFACTURER AS IDENTIFIED ON PLANS. REFER TO PLUMBING DRAWING TO DETERMINE IF NEW WATER HEATER IS A TANK-TYPE OR IS OF THE INSTANTANEOUS VARIETY.

NOTE: OWNER'S GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER INSTALLATION OF ALL TOILET ACCESSORIES INCLUDING SUPPORT BLOCKING INSIDE WALL.

MATERIALS

A. SANITARY SEWER - ALL SANITARY PIPING SHALL BE CAST IRON. VENTS TWO INCHES (2") IN SIZE AND SMALLER MAY BE EITHER SCHEDULE 40 GALVANIZED STEEL OR COPPER PIPING. PVC CAN BE USED IF ALLOWED BY LANDLORD AND CODE.

B. DOMESTIC WATER AND HOT WATER PIPING TO BE COPPER TYPE "L" INSULATED WITH ARMAFLEX OR EQUIVALENT INSULATING TO A THICKNESS OF 1".

PIPING

A. PIPING AND FITTINGS SHALL BE OF THE WEIGHTS AND TYPES SHOWN ON DRAWINGS. SIZES SHOWN ON DRAWINGS ARE NOMINAL PIPE SIZES.

B. ALL PIPING SHALL BE INSTALLED PARALLEL TO, OR AT RIGHT ANGLES WITH THE BUILDING WALLS AND PARTITIONS AND SHALL BE INSTALLED WITH THE PROPER PITCH.

C. ALL PIPING SHALL BE UPENDED AND POUNDED TO REMOVE ANY FOREIGN MATERIAL PRESENT AND SHALL BE SWABBED IF NECESSARY.

PREPARING PIPE

A. SCREWED PIPE SHALL BE INSTALLED WITH PIPE COMPOUND APPLIED TO THE MALE THREAD WITH NOT MORE THAN TWO THREADS LEFT EXPOSED. PIPE SHALL BE REAMED AFTER THREADING.

B. COPPER JOINTS SHALL BE MADE UP WITH 95-5 SOLDER.

HANGERS AND SUPPORTS

HORIZONTAL PIPING SHALL BE SUPPORTED AT INTERVALS NOT TO EXCEED 10'-0" WITH SWIVEL SPLIT PIPE HANGERS EQUAL TO CRANE #199F OR GRINNELL #104. VERTICAL PIPING SHALL BE SUPPORTED BY MEANS OF WROUGHT IRON CLAMPS SUSPENDED FROM THE UNDERSIDE OF STRUCTURE WITH HANGER RODS.

VALVES

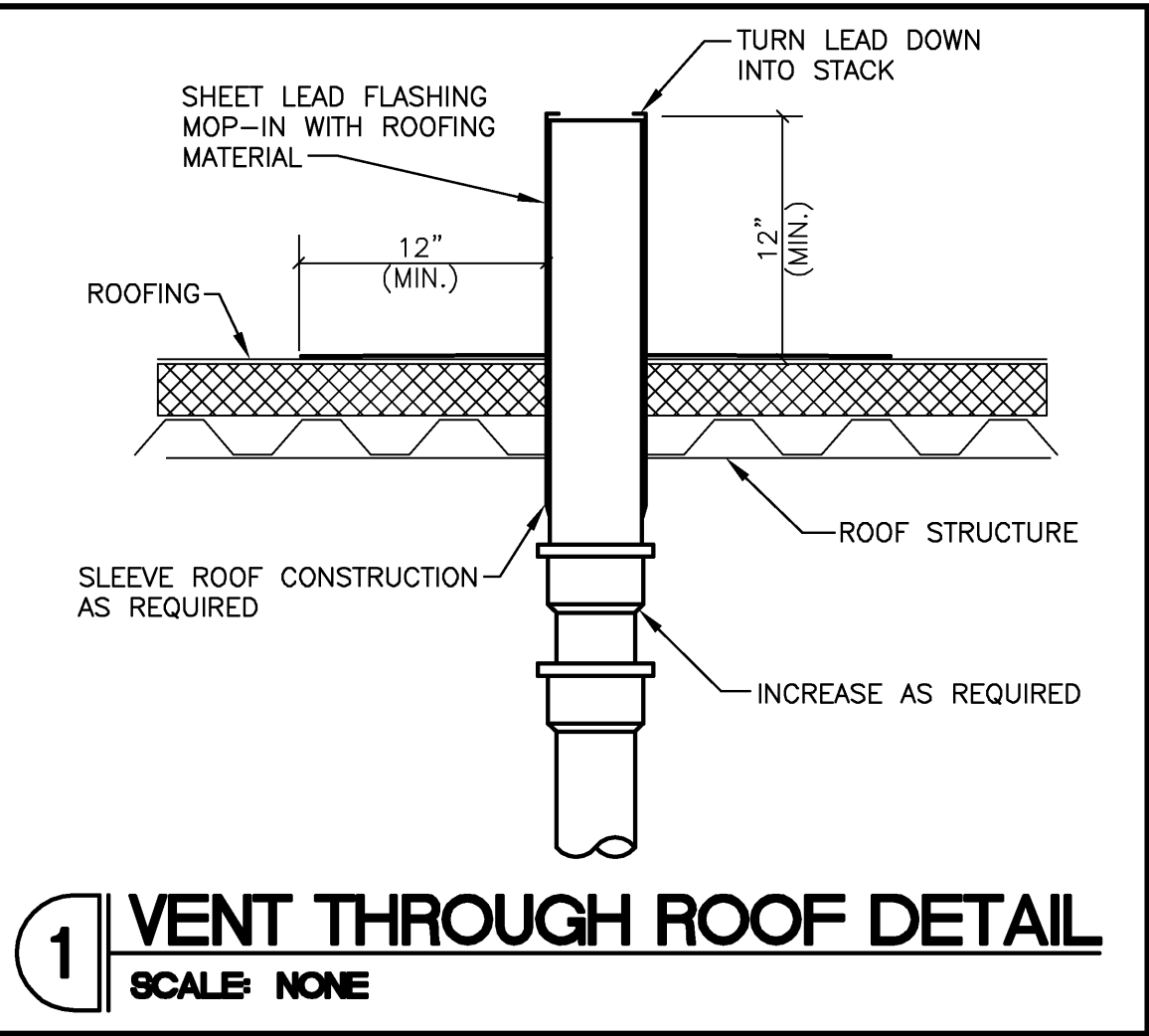
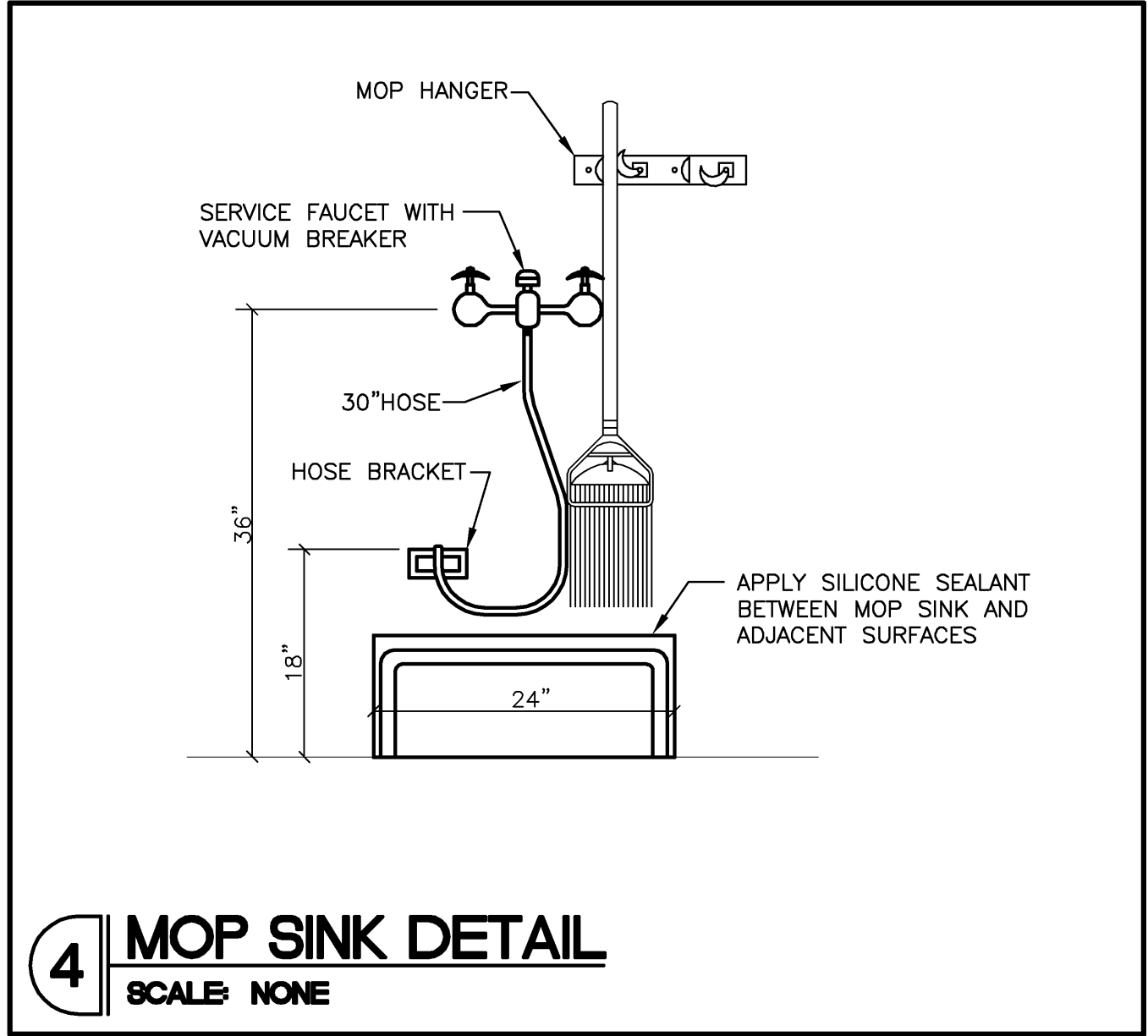
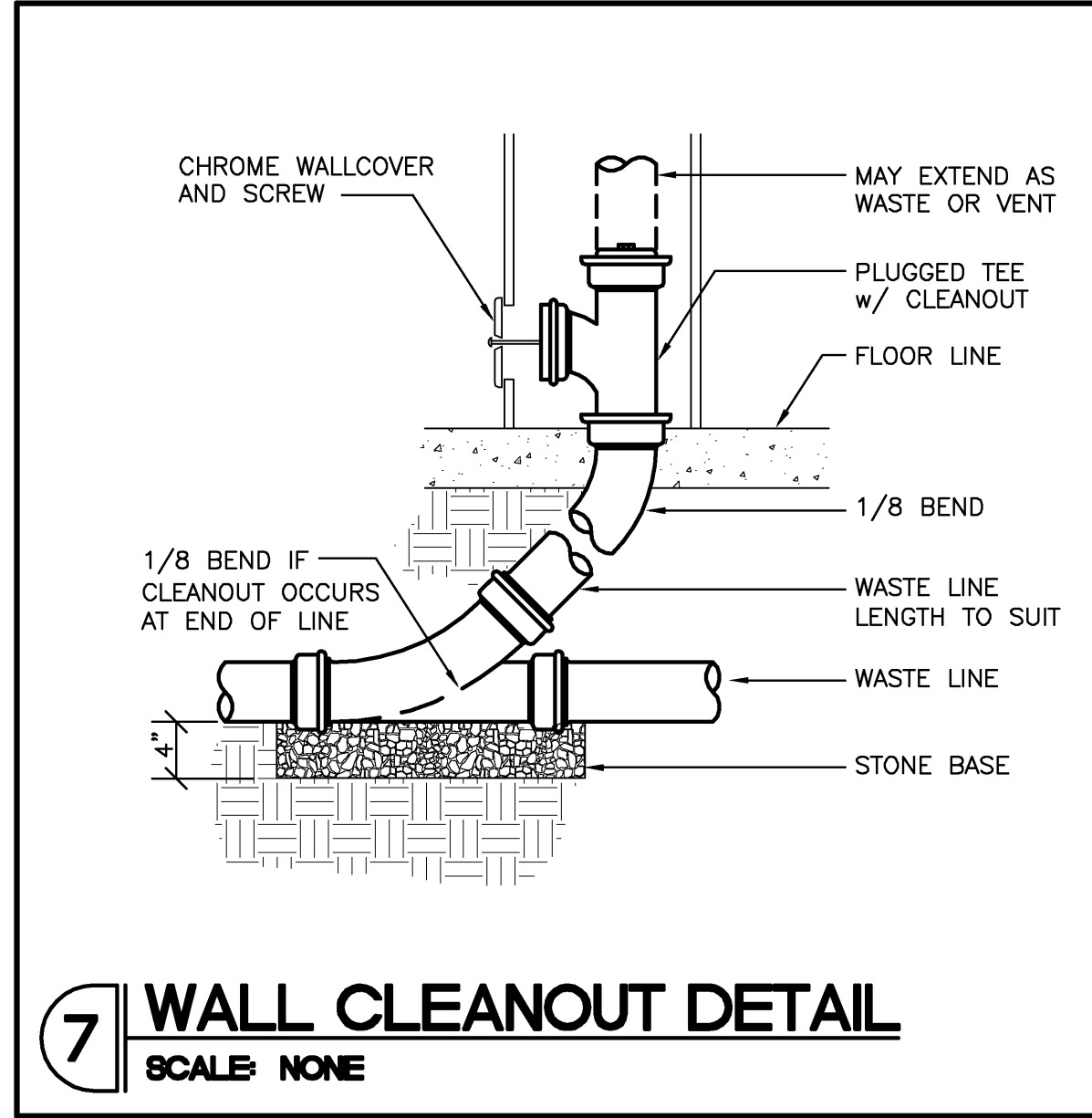
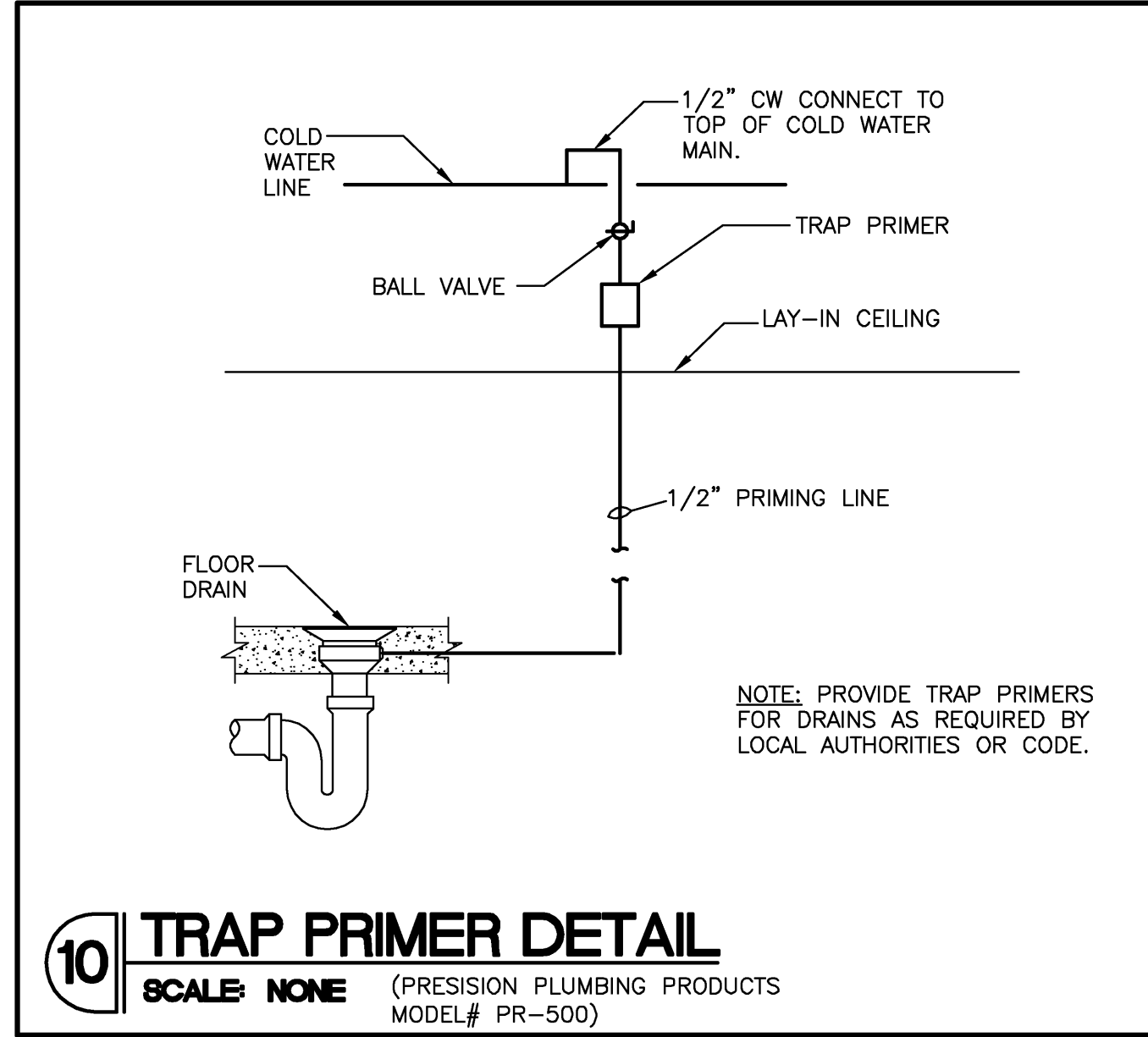
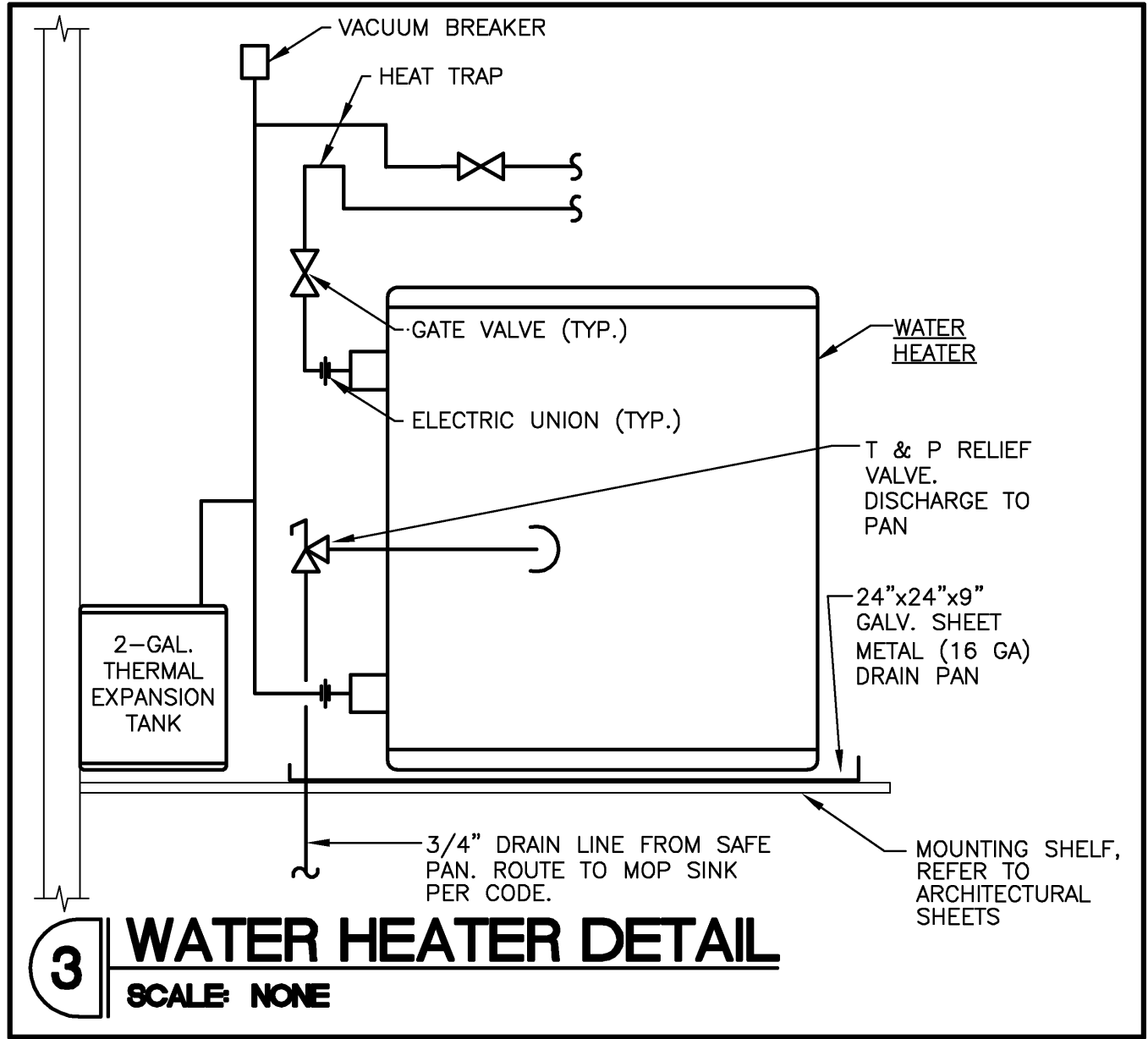
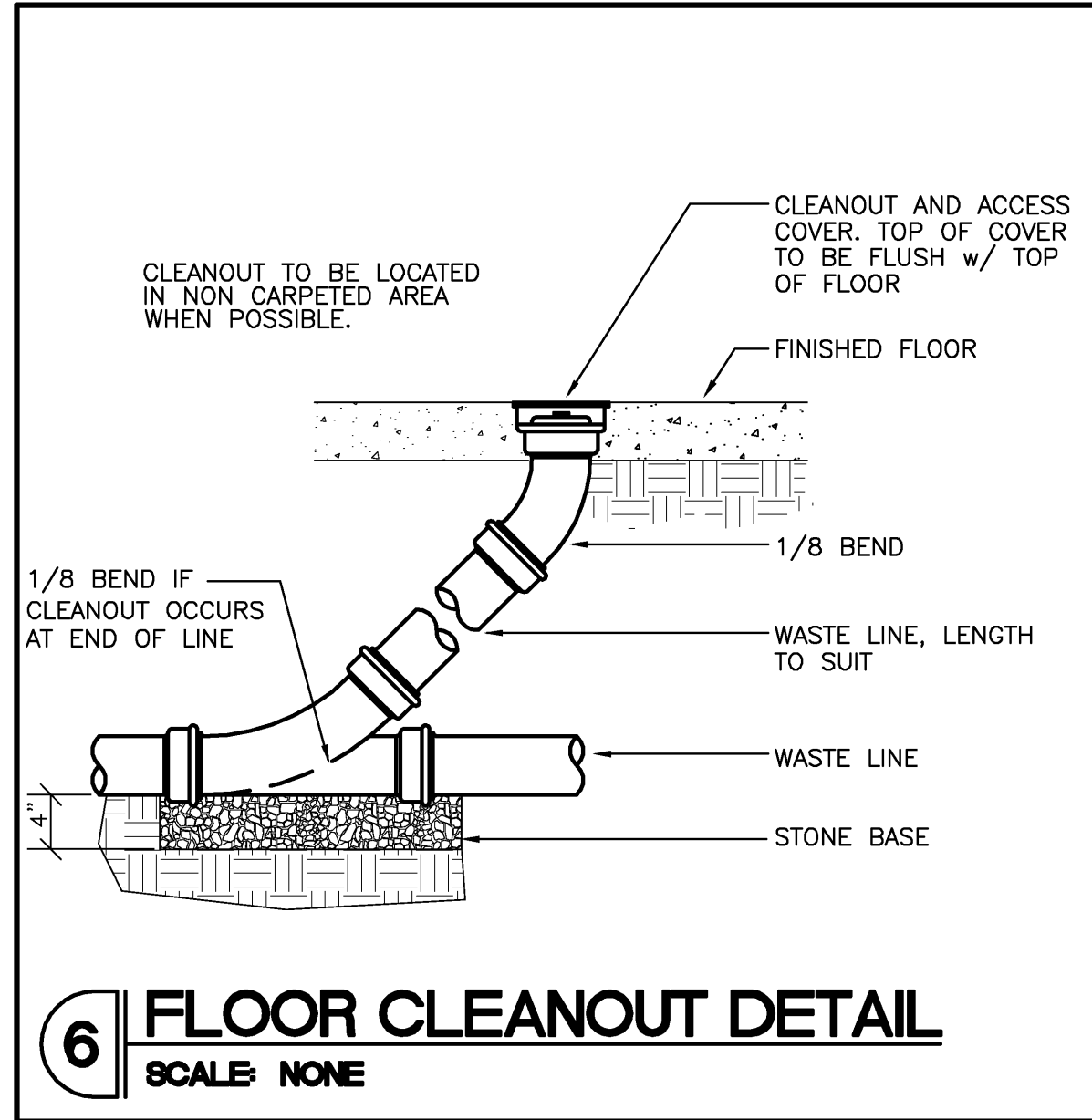
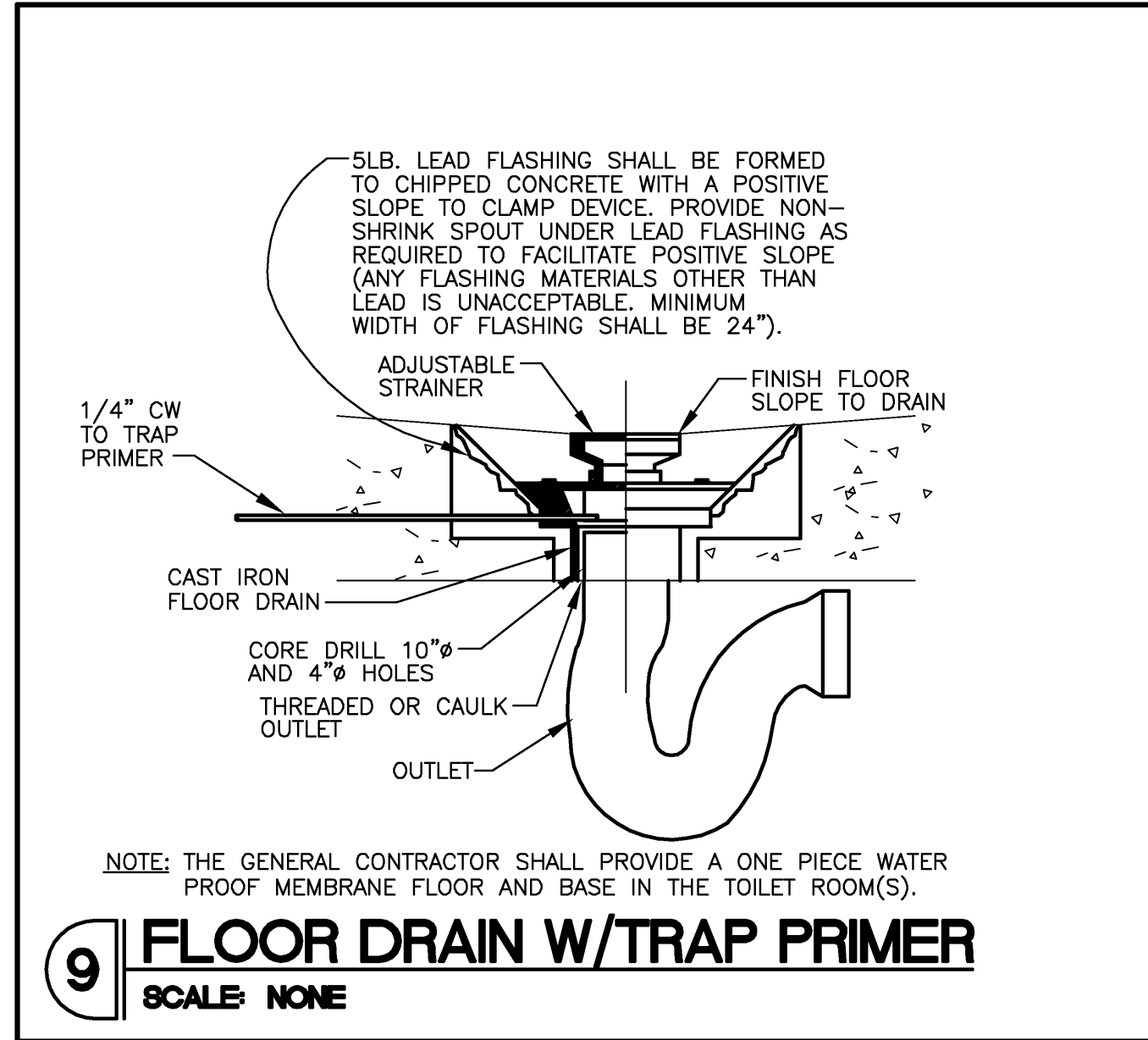
ALL VALVES SHALL BE BRASS AND MANUFACTURED BY CRANE, NIBCO, STOCKHAM, LUNKENHEIMER, NORDSTROM, GRINNELL OR EQUAL.

TESTING AND ADJUSTING

CONTRACTOR SHALL DEMONSTRATE OPERATION OF PIPING SYSTEM TO FULL SATISFACTION OF TENANT. ALL PIPING SHALL WITHSTAND AIR PRESSURE TESTING PER GOVERNING CODES.

GUARANTEE

ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER DATE OF ACCEPTANCE. THE COMPLETED PLUMBING SYSTEM SHALL BE FULLY OPERATIONAL AND ACCEPTANCE BY TENANT SHALL BE A CONDITION OF THIS CONTRACT. ALL WORK FOUND TO BE DEFECTIVE SHALL BE REPAIRED OR REPLACED BY THIS SUBCONTRACTOR WITHOUT ADDITIONAL COST TO THE TENANT.



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NON SALES	600 S.F.
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SHEET TITLE:	PLUMBING DETAILS AND SPECS.

theVitamin Shoppe
123 N. WEBER ROAD
BOLINGBROOK, IL 60440

SHEET NO: **P2.0**