

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. TENANT'S 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 FILED 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
 CROSSMAN & COMPANY
 480 N. FEDERAL HWY, SUITE 434
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 TEL: 561-441-8884
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TENANT
 THE VITAMIN SHOPPE
 2101 9th ST.
 NORTH BERGEN, NJ 07041
 TEL: (201) 624-3254
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 CONTACT: LORENA MENDEZ
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ARCHITECT OF RECORD
 FREDERICK J. GOGLIA
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PROJECT MANAGER
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MECHANICAL / ELECTRICAL
 CONTACT: BOB QUEATHEN
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 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:** 2014 FLORIDA BUILDING CODE
 - PLUMBING:** 2014 FLORIDA BUILDING CODE
 - MECHANICAL:** 2014 FLORIDA BUILDING CODE
 - ENERGY:** 2014 FLORIDA BUILDING CODE
 - ELECTRICAL:** 2011 NATIONAL ELECTRIC CODE
 - FIRE:** 2014 FLORIDA BUILDING CODE
 - MISC:** 2012 FLORIDA ACCESSIBILITY CODE

CONSTRUCTION TYPE: II-B
USE GROUP CLASSIFICATION: MERCANTILE

OCCUPANCY LOADS:
 SALES FLOOR 2,420 SQ. FT. DIVIDED BY 30 = 81
 NON-SALES 588 SQ. FT. DIVIDED BY 300 = 2
TOTAL 83 OCCUPANTS

SQUARE FOOTAGE:
 SALES FLOOR 2,420 SQ. FT.
 STOCK ROOM 331 SQ. FT.
 TOILET ROOM 131 SQ. FT.
 HALLWAY 126 SQ. FT.
TOTAL 3,008 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	△	06/30/16
T2.0 PROJECT INFO & SPECS	△	06/30/16
T3.0 RESPONSIBILITY OF WORK & SPECS	△	06/30/16
T4.0 ACCESSIBILITY DETAILS	△	06/30/16
D1.0 DEMOLITION FLOOR PLAN	△	06/30/16
D2.0 DEMOLITION CEILING PLAN	△	06/30/16
FP-1 FIXTURE PLAN & NOTES	△	06/30/16
A0.0 LIFE SAFETY PLAN	△	06/30/16
A1.0 FLOOR PLAN & NOTES	△	06/30/16
A2.0 FINISH PLAN & NOTES	△	06/30/16
A3.0 REFLECTED CEILING PLAN & NOTES	△	06/30/16
A4.0 EXTERIOR ELEVATIONS	△	06/30/16
A5.0 MISCELLANEOUS DETAILS	△	06/30/16
A6.0 WALL FIXTURE DETAILS	△	06/30/16
A7.0 KIOSK & CASHWRAP DETAILS	△	06/30/16
A8.0 TOILET ROOM PLAN/DTLS	△	06/30/16
ELECTRICAL DRAWINGS		
E1.0 LIGHTING PLAN	△	06/30/16
E2.0 POWER PLAN	△	06/30/16
E3.0 SPECS./DETAILS & PANELS	△	06/30/16
E4.0 CASHWRAP DETAILS	△	06/30/16
MECHANICAL DRAWINGS		
M1.0 MECHANICAL PLAN	△	06/30/16
M2.0 MECHANICAL DETAILS	△	06/30/16
M3.0 MECHANICAL SPECIFICATIONS	△	06/30/16
PLUMBING DRAWINGS		
P1.0 PLUMBING PLAN	△	06/30/16
P2.0 PLUMBING SPECS	△	06/30/16

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REGISTRATION SEAL

REVISIONS

NO.	DATE	OWNER COMMENTS
1	06/30/16	

PROJECT NO. 150310
 DATE: 10/14/15
 DRAWN BY: RAR
 STORE NUMBER: 404
 PROTO: 2016R1 PROTOTYPE SET

SALES AREA 2,420 S.F.
 NON SALES 588 S.F.
 GROSS AREA 3,008 S.F.

SHEET TITLE:
PROJECT INFO + SPECS

theVitamin Shoppe
 5463 LYONS ROAD, SUITE 'A'
 COCONUT CREEK, FL 33073

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		GYPSPUM 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.
 2385 EDISON BLVD.
 TRINSBURG, OH 44071
 TEL: (330) 425-8955
 FAX: (330) 405-4483
 CONTACT: DARREN DAVENPORT

WALK OFF MAT
 M&B INC.
 13291 SCRUB JAY COURT
 FORT CHARLOTTE, FL 33453
 TEL: (941) 244 - 4494
 FAX: (941) 244 - 4486
 CONTACT: MARVIN GOLDBERG
 EMAIL: MBSG@TWOLO.COM

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

SOUND SYSTEM
 MOOD MEDIA
 TEL: (541) 380 - 8588
 CONTACT: JENNIFER VANDISH

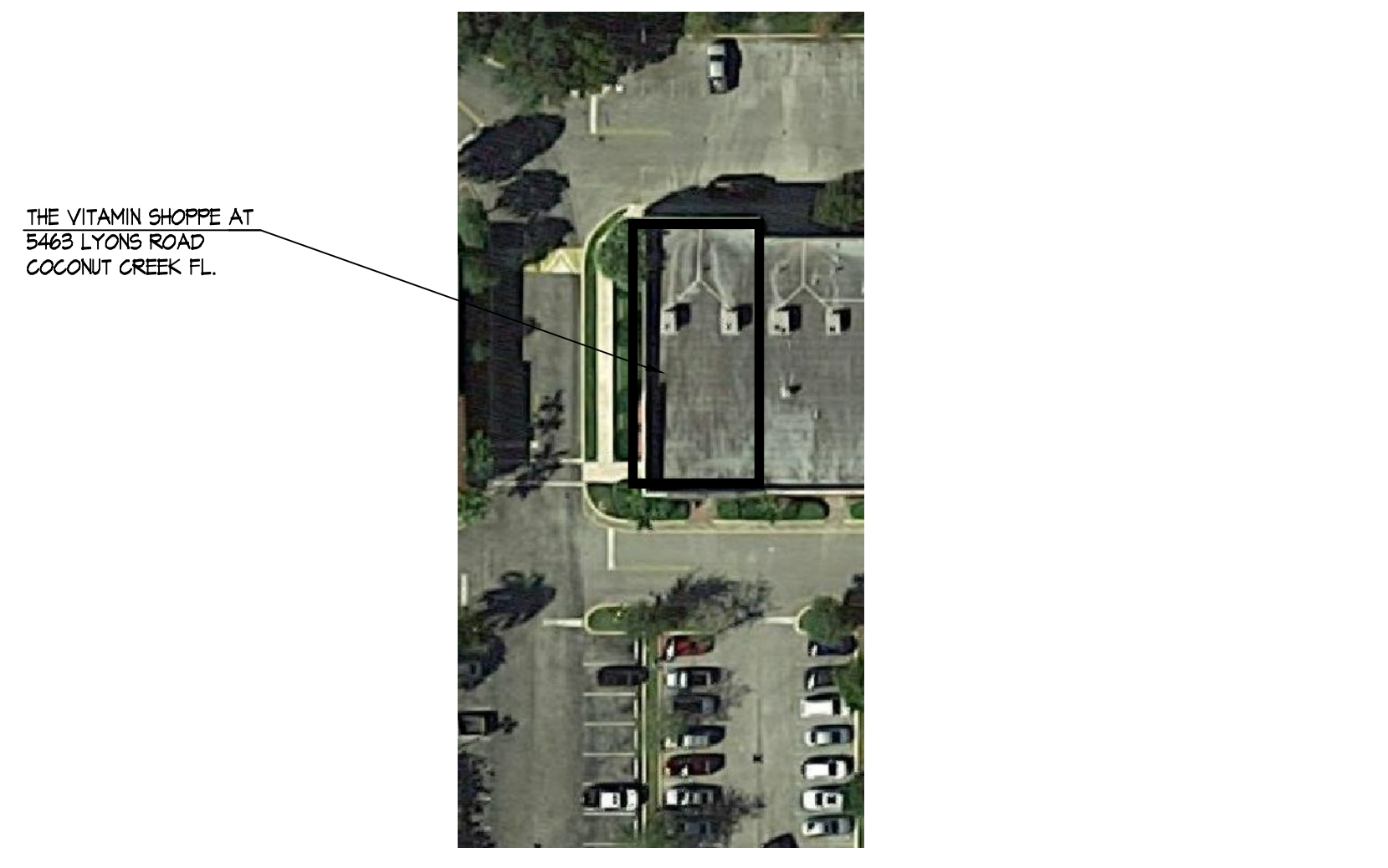
ACOUSTICAL TILE
 ARMSTRONGS WORLD INDUST.
 2500 COLUMBIA AVENUE
 LANCASTER, PA 17604
 TEL: (717) 396 - 6257
 CONTACT: MIKE O'HEARN

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

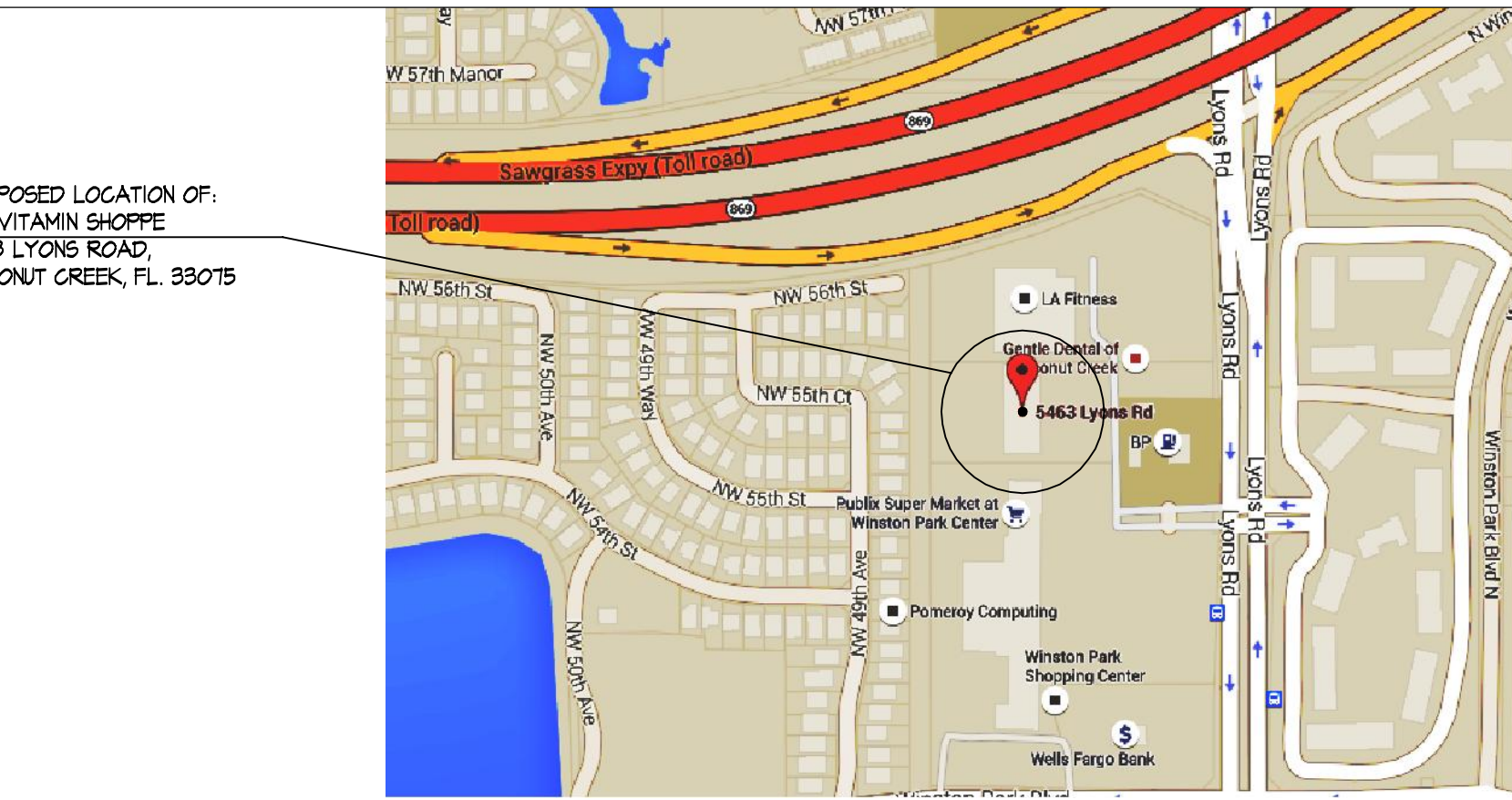
SIGNAGE
 ACCESS
 2351 FERNAND - LA FONTAINE
 LONGUEUIL QC J4N1N1, CANADA
 TEL: (450) 674-3293
 CONTACT: TAMMI DERIKSON

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

5463 LYONS ROAD SITE PLAN



MAP LOCATION



PROPOSED LOCATION OF:
 THE VITAMIN SHOPPE
 5463 LYONS ROAD,
 COCONUT CREEK, FL 33075

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 COMMENCE 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 CONTRACTOR'S 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 WORKMANS COMPENSATION ACTS AND OTHER EMPLOYEE BENEFIT ACTS, WITH LIMITS OF NOT LESS THAN \$2,000,000, (2) 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 (3) FOR DAMAGES TO PROPERTY WITH LIMITS OF \$1,000,000 WHICH ARISE OUT OF OR RESULT FROM THE CONTRACTOR'S 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 ATTORNEY'S 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 INDEMNIFIED 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 TENANT'S 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
 CONTRACTOR'S 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 (2'-0") AND ALL REQUIRED EXPANSION AND CONTR. 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 (R4 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 (R4 MINIMUM OR GREATER IF REQUIRED BY APPLICABLE BUILDING CODES). INTERIOR SURFACES OF ALL WALLS IN THE PREMISES SHALL BE FINISHED WITH 5/8" GYPSUM HALFBLOOD, TAPED, SPACKLED, SANDED SMOOTH AND PRIMED TO THE FULL HEIGHT OF THE ROOF DECK FOR ALL CONCRETE OR BLOCK WALLS. THE LANDLORD IS REQUIRED TO PROVIDE 1/4" FLOORING 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 TENANT'S 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 5/8" 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 FIRE CODE GYP. BD. WHERE FIRE RATING IS REQUIRED.

5. SUSPENDED GYPSUM BOARD CEILING
 ALL WORK SHALL BE IN STRICT ACCORDANCE WITH MFR'S INSTRUCTIONS AND RECOMMENDATIONS.

A. RATINGS - MINIMUM UL 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 AVG 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 PERIOD 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 MFR'S OF THE MATERIALS USED. ALL CEILING TO BEAR UL 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 AVG 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 BRACING
 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 AVG 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 & TENANT'S STANDARD SPECS. BEFORE TURNING STORE OVER TO TENANT, CONTRACTOR SHALL MAX & BUFF ALL V.C.T. FLOORS.

9. CERAMIC TILE
 A. CERAMIC TILE SHALL BE INSTALLED IN AREAS SHOWN ON DRAWING A2.0.
 B. IF FLOOR FINISHES EXIST WHERE CERAMIC TILE IS DESIGNATED, REMOVE EXISTING FINISH FLASH PATCH OR GRIND DOWN EXISTING SLAB TO PROVIDE LEVEL WORKABLE SURFACE.
 C. ALL CERAMIC TILE TO BE LAIN PER SHEET A2.0.
 D. TILE BASE ON ALL EXPOSED WALLS, AFTER MILLWORK, PER A2.0. BASE TO BE FINISHED WITH ALUM. SCHLEUTER 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 UL 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 MANUFACTURER'S 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	TENANT	CONTRACTOR	LANDLORD	TENANT	CONTRACTOR	
GENERAL							
SITE - PARKING ADA ACCESS, SIDEWALKS, ETC.							●
SITE - LANDSCAPING, UTILITIES, LIGHTING							●
DEMOLITION / REMOVAL	●		●				REFER TO SHEET D1.0 & D2.0
FIRE PROOFING							● G.C. TO UPDATE/REPAIR AS REQUIRED BY LOCAL CODE
FIRE EXTINGUISHER	●		●				AS REQUIRED BY LOCAL CODE
INSULATION							● UPDATE/REPAIR AS NEEDED
FLOOR LEVELING							●
CONCRETE SLAB LEAVE-OUT							N/A
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	●		●				SCHEDULE WITH VITAMIN SHOPPE PM.
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 - CERAMIC TILE	●		●				
FLOOR FIXTURES		●		●			
PERIMETER WALL FIXTURES		●		●			
SALES AREA REFRIGERATORS		●		●			
CART BUMPER							N/A
CASH REGISTERS		●		●			
SPEAKERS		●		●			SUPPLIED AND INSTALLED BY TENANT VENDOR PER APPROVED PLANS
STOCK ROOM / HALLWAY							
REAR EXIT DOOR AND FRAME	●		●				● SEE SHEET A1.0 FOR NEW & EXISTING CONDITIONS
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		●		●			
STOCK ROOM SHELVING		●		●			BOLTED TO SLAB BY MILLWORK INSTALLER
EMPLOYEE LOCKERS		●		●			
MOP SINK UTILITY SHELF	●		●				
SECURITY CAGE		●		●			PROVIDED AND INSTALLED BY TENANT VENDOR
TOILET ROOM							
CEILING - ACOUSTICAL CEILING TILE AND GRID	●		●				
FLOORING - VCT	●		●				
BASE - VINYL BASE	●		●				
TOILET ROOM DOOR AND FRAME	●		●				
DOOR HARDWARE	●		●				
ACCESSORIES	●		●				
BLOCKING FOR ACCESSORIES	●		●				
WALL CABINET		●		●			30"Wx30"Hx12"D-DOUBLE DOOR MELAMINE WALL CABINET

ELECTRICAL	FURNISH BY			INSTALL BY			EXISTING
	LANDLORD	TENANT	CONTRACTOR	LANDLORD	TENANT	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							● G.C. TO CONFIRM UNITS ARE IN GOOD WORKING CONDITION
MECHANICAL SUPPLY & RETURN DUCTING	●		●				● SEE SHEET M1.0 FOR INFO.
MECHANICAL CONTROLS	●		●				THERMOSTAT W/ LOCATED IN STOCKROOM
GAS METER							N/A
ROOF FRAMING / STRUCTURAL FOR RTUs							● IF/AS REQUIRED
PLUMBING							
PLUMBING (WASTE, VENT & WATER)							● G.C. TO VERIFY EXACT LOCATION
PLUMBING FIXTURES (WATER CLOSETS/ LAVATORIES/ DRINKING FOUNTAIN/ MOP SINK)	●		●				
EXTENDING PLUMBING LINES TO FIXTURES	●		●				
WATER METER							●
WATER HEATER	●		●				
NOTE: LANDLORD IS RESPONSIBLE TO SUPPLY AND INSTALL METER/SUB-METER FOR UTILITIES, IF NEEDED.							
FIRE ALARM SYSTEMS	●		●				COORDINATE WITH LOCAL AUTHORITIES
SPRINKLER MAIN TO SPACE							● IF/AS REQUIRED
SPRINKLER LINES & HEADS	●		●				AS REQUIRED

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

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REGISTRATION SEAL

REVISIONS:
 06/20/16 OWNER COMMENTS

PROJECT NO. 150310
 DATE: 10/14/15
 DRAWN BY: RAR
 STORE NUMBER: 404
 PROTO: 2016R1 PROTOTYPE SET

SALES AREA 2,420 S.F.
 NON SALES 588 S.F.
 GROSS AREA 3,008 S.F.

SHEET TITLE:
RESPONSIBILITY OF WORK + SPECS

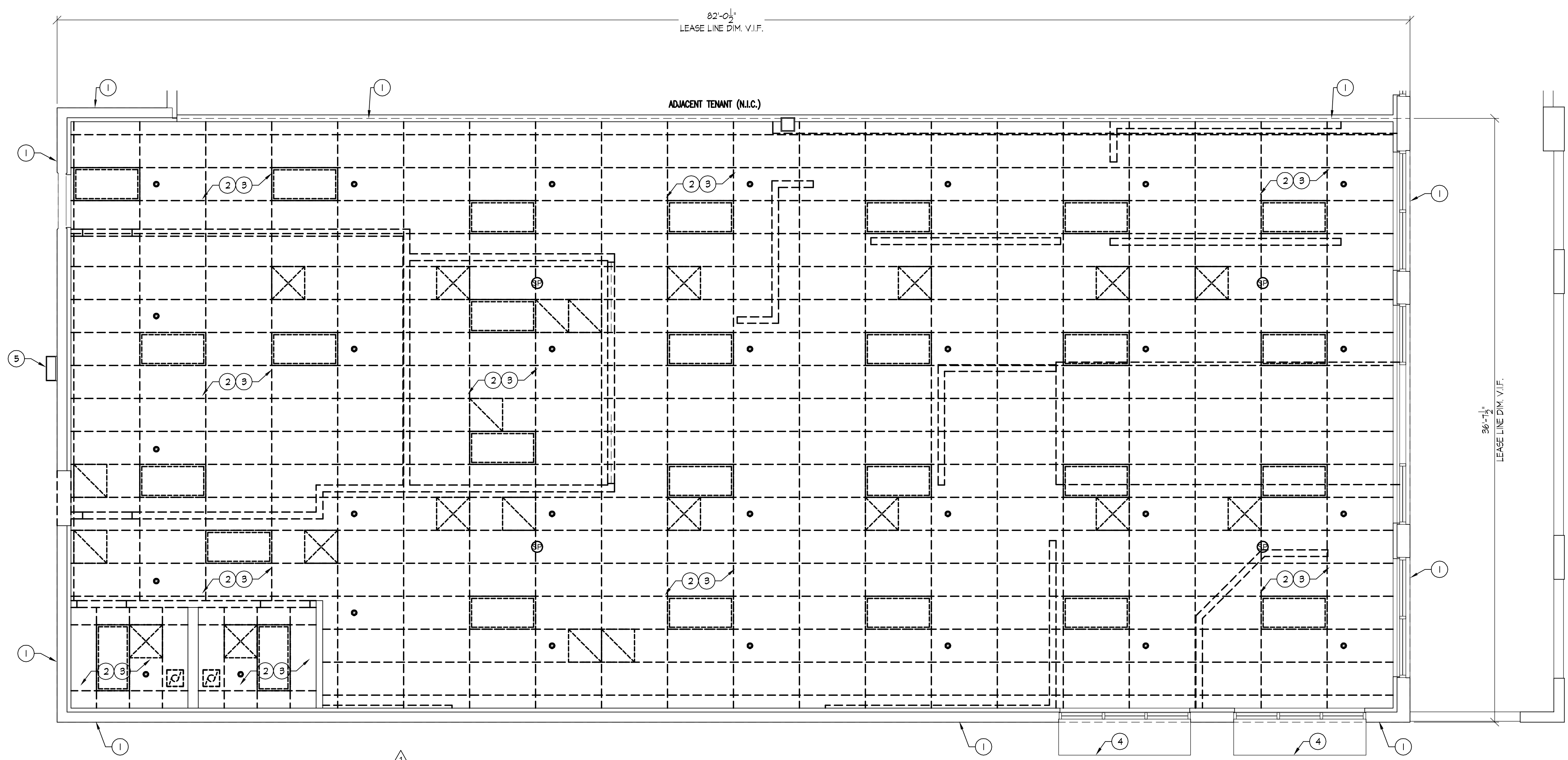
theVitamin Shoppe
 5463 LYONS ROAD, SUITE 'A'
 COCONUT CREEK, FL 33073

SHEET NO:
T3.0

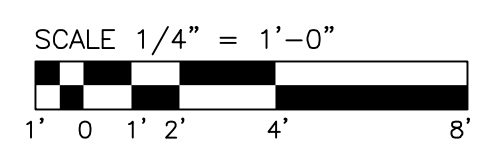
- DEMOLITION CEILING PLAN NOTES**
- ① LEASE LINE
 - ② EXISTING SUSPENDED CEILING GRID AND 6"X6" BD. CEILINGS, LIGHTS, CAMERAS, SPEAKERS, ETC. TO BE REMOVED IN THEIR ENTIRETY, G.C. TO PREPARE FOR NEW CEILING. SEE MECHANICAL SHEETS AND SHEET A3.0 FOR MORE INFORMATION.
 - ③ SEE SHEET M.I.O FOR MORE INFORMATION ON EXISTING SPRINKLER SYSTEM & MECHANICAL EQUIPMENT.
 - ④ EXISTING EXTERIOR AWNING TO REMAIN.
 - ⑤ EXISTING EXTERIOR LIGHTING TO REMAIN, G.C. TO CONFIRM LIGHTING IS IN GOOD WORKING CONDITION & RE-LAMP ALL FIXTURES AS NECESSARY. NOTIFY VS PM WITH ANY DISCREPANCIES.

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REGISTRATION SEAL



1 DEMOLITION CEILING PLAN
 SCALE 1/4" = 1'-0"



REVISIONS:

NO.	DATE	OWNER COMMENTS
1	06/29/16	OWNER COMMENTS

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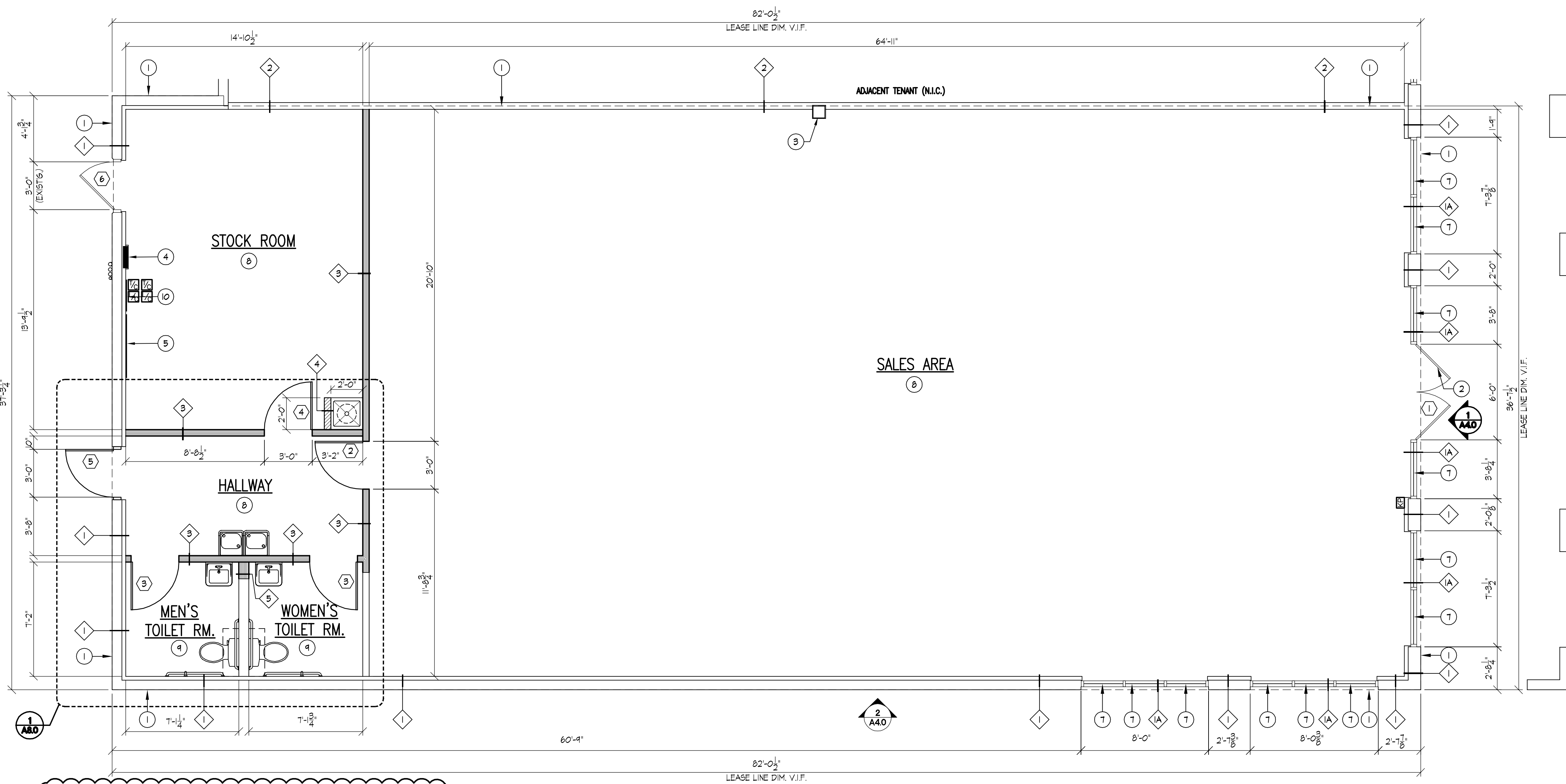
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DEMOLITION CEILING PLAN

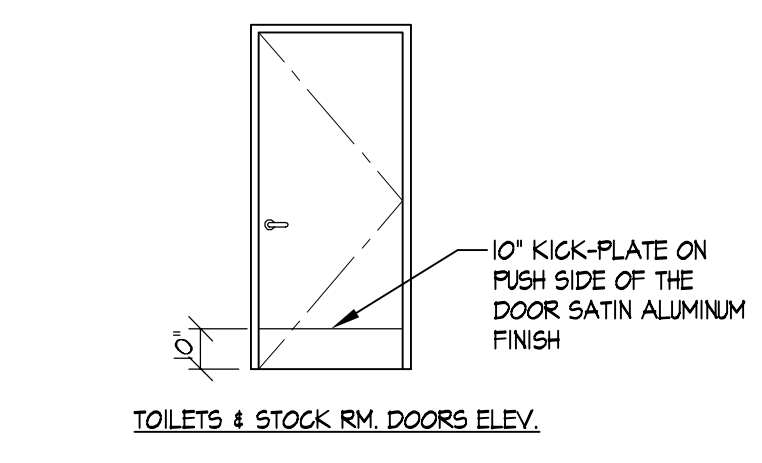
theVitamin Shoppe
 5463 LYONS ROAD, SUITE 'A'
 COCONUT CREEK, FL. 33073

SHEET NO:

D2.0



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



2 DOOR DETAIL
SCALE: N.T.S.

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	ALUMINUM & GLASS	ALUMINUM	NA	SEE DOOR NOTE #4, 8, 10
2	SALES AREA/HALLWAY	(1) 3'-0" X 7'-0"	1-1/2 PR.	2	1 3/4" S.C. MD.	HM.	P-4 SALES AREA SIDE P-1 HALLWAY SIDE	SEE DOOR NOTE #1, 2, 3, 7, 8, 11
3	TOILET ROOM	(2) 3'-0" X 7'-0"	1-1/2 PR.	3	1 3/4" S.C. MD.	HM.	P-1 BOTH SIDES	SEE DOOR NOTE #1, 2, 3, 7, 8
4	STOCK ROOM	(1) 3'-0" X 7'-0"	1-1/2 PR.	2	1 3/4" S.C. MD.	HM.	P-1 BOTH SIDES	SEE DOOR NOTE #1, 2, 3, 7, 8
5	REAR EXIT	(1) 3'-0" X 7'-0"	MANUFACT.	4	HM.	HM.	P-1 ON INTERIOR SIDE MATCH EXTERIOR COLOR ON EXTERIOR SIDE	SEE DOOR NOTE #3, 4, 5
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	HARDWARE SET #3
2 CLOSER	NORTON 8000 SERIES		3 HINGES
2 PUSH/PULL	HAGAR ALUM. PUSH/PULL FINISH TO MATCH EXISTING		1 LATCHSET
1 WEATHERSTRIPPING	HAGAR (HEAD, JAMB & DOOR SWEEP)		1 CLOSER
			1 KICK PLATE
			1 DOOR STOP
			1 DOOR HOLDER
HARDWARE SET #2	3 HINGES	HAGAR 1274 45X4.5 652 US26D	1 CLOSER
1 LATCHSET	SCHLAGE 10105 R40 626 PASSAGE F15		1 EXIT DEVICE
1 CLOSER	NORTON 8501 X SN 684 CLOSER QA 2084T14		1 CYLINDER
1 KICK PLATE	HAGAR 1905 10X34 630 KICK PLATE		1 VIEWER
1 DOOR STOP	HAGAR 24F 626 DOME STOP UNIVERSAL		1 THRESHOLD
1 DOOR HOLDER	HAGAR KICK DOWN DOOR HOLDER 210G 2-1/4" MAX. DOOR TO FLOOR CLEARANCE		1 WEATHERSTRIPPING
			HAGAR (HEAD, JAMB & DOOR SWEEP)

- 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 DETEX V40XEB 628 36" ALARMED PANIC 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 V51 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".
 - SEE JAMB DETAIL ON SHEET A5.0 FOR DOOR JAMB PAINT LINE.

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 THEN 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, PARAPET 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:

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

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

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**
- LEASE LINE. G.C. TO VERIFY IN FIELD.
 - PROVIDE INTERNATIONAL SYMBOL OF ACCESSIBILITY SIGN AT ENTRANCE.
 - EXISTING STRUCTURAL COLUMN TO REMAIN.
 - ELECTRICAL PANELS. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
 - 4X8' PHONE BOARD. SEE ELECTRICAL SHEETS FOR MORE INFORMATION. PAINT P-1 PRIOR TO INSTALLATION.
 - EXISTING WINDOWS TO RECEIVE WINDOW GRAPHICS BY TENANT VENDOR PRIOR TO INSTALLATION OF NEW INTERIOR WALL. G.C. TO CONFIRM INSTALLATION WITH VENDOR.
 - EXISTING WINDOWS TO REMAIN. CLEAN AND REPAIR AS NECESSARY.
 - 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.
 - G.C. TO PROVIDE ALL BLOCKING AS REQUIRED FOR SECURING ALL TOILET ROOM ACCESSORIES.
 - 2'X4' MEDIA BOARD. SEE ELECTRICAL SHEETS FOR MORE INFORMATION. PAINT P-1 PRIOR TO INSTALLATION.

PARTITION LEGEND

1	EXISTING BASE BUILDING WALL INSULATED WITH R-19 INSULATION AND INTERIOR FINISHED WITH 5/8" GYP. BD. FULL HEIGHT TO DECK AS REQUIRED. PREPARE TO RECEIVE NEW FINISHES. LEVEL-4 FINISH REQUIRED IN SALES AREA.
1A	EXISTING STOREFRONT - PROTECT DURING CONSTRUCTION. CLEAN/REPAIR AS NECESSARY.
2	EXISTING RATED DEMISING WALL: 6" MTL. STUDS AT 16" O.C. WITH R19 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. RATINGS PER UL DESIGN R4-465 (OR AS OTHERWISE REQUIRED BY CODE). LEVEL-4 FINISH REQUIRED IN SALES AREA.
3	NEW NON-RATED INTERIOR PARTITION: 3 5/8" MTL. STUDS AT 24" O.C. FROM FLOOR TO MIN. 6" ABOVE FIN. CLG. 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 5/8" GYP. BD. AT TOILET ROOM SIDE, AND SLOP SINK AREA AND MIN R-11 INSULATION AT ALL PERIMETER WALLS). LEVEL-4 FINISH REQUIRED IN SALES AREA.
4	NEW NON-RATED INTERIOR PARTITION: 3-5/8" 20 GA. MTL. STUDS AT 16" O.C. FROM FLOOR TO 7'-0" A.F.F. WITH PLATFORM FOR HX HEATER ABOVE. APPLY 1 LAYER WATER RESISTANT 5/8" GYP. BD. TO EACH SIDE TAPED, SPACKLED AND PREPARED AS REQUIRED TO RECEIVE NEW FINISHES. PLATFORM TO BE FINISHED WITH 1/2" PLYWOOD AND 1 LAYER WATER RESISTANT 5/8" GYP. BD. TAPED, SPACKLED, AND PREPARED AS REQUIRED TO RECEIVE NEW FINISHES.
5	NEW NON-RATED INTERIOR PARTITION: 6" MTL. STUDS AT 24" O.C. FROM FLOOR TO MIN. 6" ABOVE FIN. CLG. 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 5/8" GYP. BD. AT TOILET ROOM SIDE, AND SLOP SINK AREA AND MIN R-11 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:

NO.	DATE	OWNER COMMENTS
1	06/20/16	

PROJECT NO. 150310
DATE: 10/14/15
DRAWN BY: RAR
STORE NUMBER: 404
PROTO: 2016R1 PROTOTYPE SET

SALES AREA 2,420 S.F.
NON SALES 588 S.F.

GROSS AREA 3,008 S.F.

SHEET TITLE:

FLOOR PLAN + NOTES

theVitamin Shoppe
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL 33073

SHEET NO:

A1.0

REGISTRATION SEAL

REVISIONS:

06/20/16	OWNER COMMENTS
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 NON SALES 588 S.F.
 GROSS AREA 3,008 S.F.

SHEET TITLE:

FINISH PLAN + NOTES



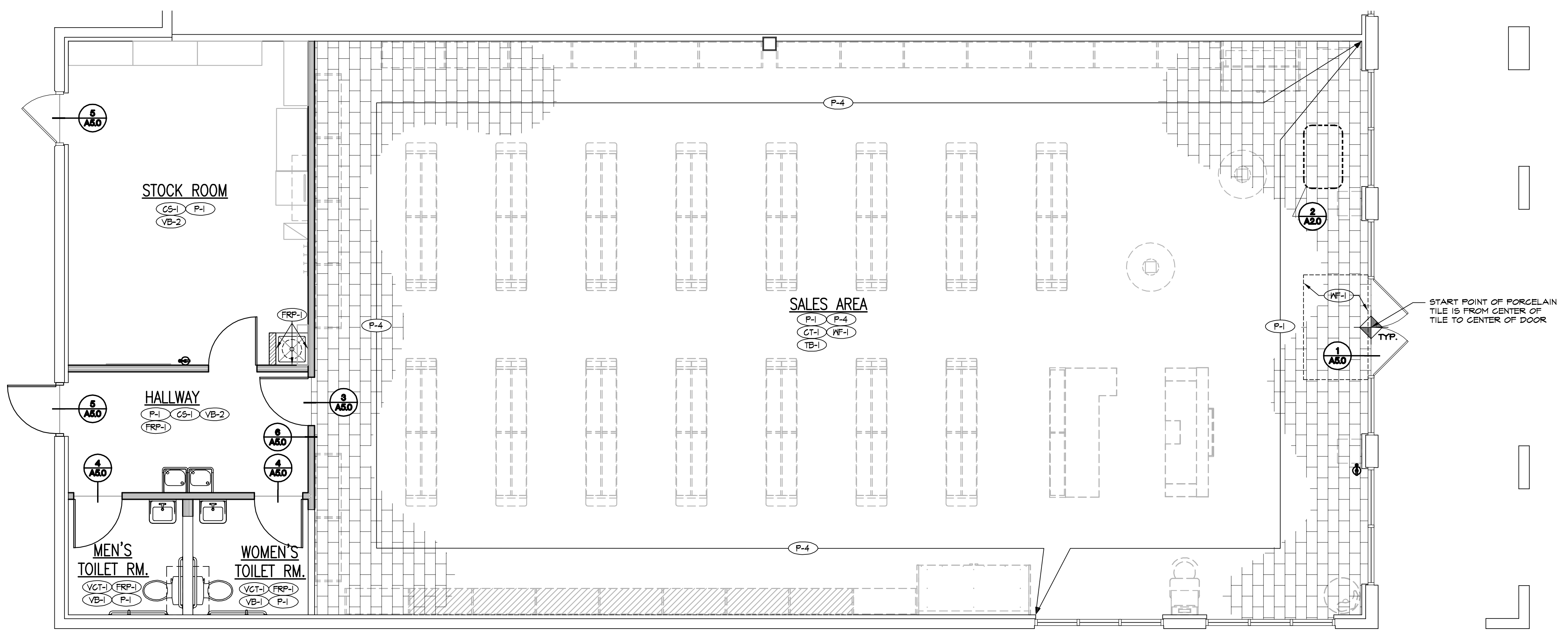
SHEET NO:

A2.0

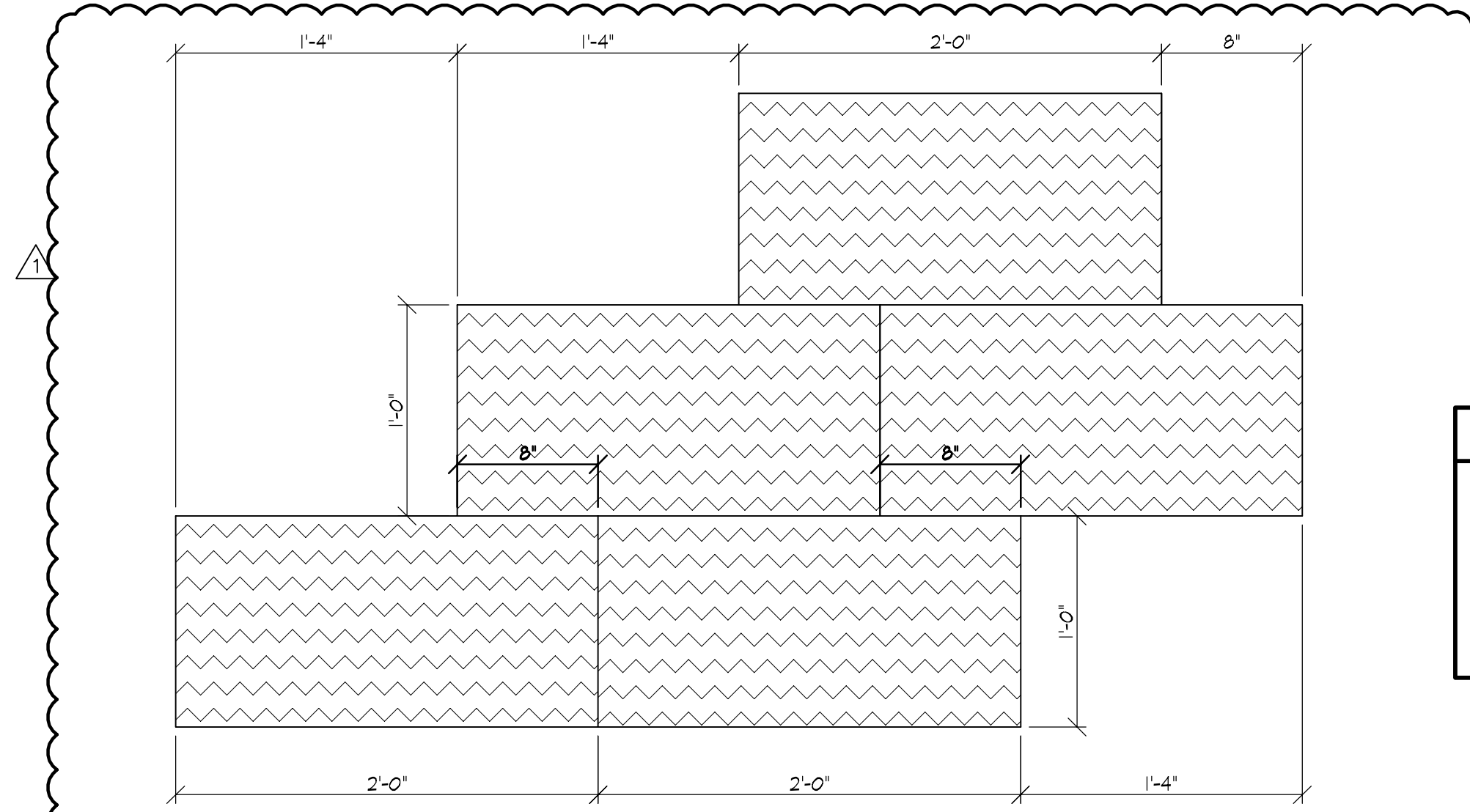
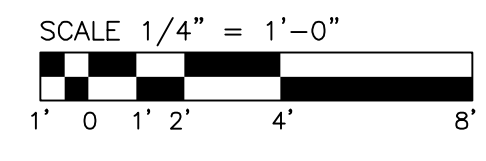
TILE QUANTITY.
 THE APPROXIMATE SQ.FT. OF THE FLOORING TO BE COVERED BY GT-1 IS: 2,325 SQ.FT.
 G.C. TO VERIFY SQ. FT. OF SALES AREA PRIOR TO ORDERING TILE.

FINISH	DESCRIPTION	MANUFACTURER
CEILING		
(ACT-1)	24" X 48" X 5/8" COLOR: WHITE DUNE #116 ANGLED TEGULAR EDGE IN 15/16" T-BAR GRID	ARMSTRONG
(ACT-2)	24" X 48" X 5/8" COLOR: WHITE FINE FIGURED #155 SQUARE LAT-IN PRELUDE IV 15/16" WHITE GRID	ARMSTRONG
FLOOR		
(GT-1)	12" X 24" TILE STYLE: PAGE SERIES COLOR: HISTORY, 3/16" GROUT LINE	KAISER TILE CONTACT: RALPH KAISER @ KAISER TILE. 480.222.1100
(VGT-1)	ARMSTRONG EXCELON 12" X 12" X 1/8" #5408 "FENTER"	ARMSTRONG
(SHT-1)	ARMSTRONG CONNECTION CORLON SHEET VINYL #88102 "WHITE CLIFFS" WITH INTEGRAL COVE BASE	ARMSTRONG
(NF-1)	WALK-OFF MAT STYLE: 6'-6" X 4'-0" "SUPREME NOP" (DOUBLE DOOR) COLOR: BLACK WALNUT #88	CONTACT: MARVIN GOLDBERG @ MEG INC. 941.244.4444
(NF-2)	WALK-OFF MAT STYLE: 3'-0" X 3'-0" "SUPREME NOP" (DOUBLE DOOR) COLOR: BLACK WALNUT #88	CONTACT: MARVIN GOLDBERG @ MEG INC. 941.244.4444
(CS-1)	CONCRETE SEALER - 2 PART EPOXY SEALER, INDUSTRIAL COATINGS SEE NOTE #12 BELOW ARMORSEAL FLOOR-FLEX T100	SHERWIN WILLIAMS 8704400870400 HAZE GRAY GLOSS
NOTE: 1. TILE FINISH TO BE INSTALLED WALL TO WALL. ALL CUTS TO BE MADE AT WALLS ONLY. 2. ALL TILE TO BE INSTALLED USING A THINSET ADHESIVE G.C. TO PROVIDE AND INSTALL THINSET ADHESIVE. 3. ALL GROUT TO BE SEALED. G.C. TO PROVIDE AND INSTALL GROUT SEALER.		
BASE		
(VB-1)	VINYL COVE BASE - LUNAR DUST	ROPPE
(VB-2)	VINYL COVE BASE - THUNDER #168	JOHNSONITE
(TB-1)	CERAMIC TILE BASE	TO MATCH SALES AREA TILE
NOTE: ALL FIXTURES WILL HAVE A LAMINATED KICK BASE AS PROVIDED BY THE FIXTURE MFG. AND INSTALLED BY MERCHKO. WALL BASE TO BE APPLIED AFTER MILLWORK/ EXPOSED WALLS ONLY.		
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
(P-2)	EXTRA WHITE - SIV 1006 "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
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.		
FRP. FINISH WALL		
(FRP-1)	48" H. @ TOILET ROOM & HALLWAY WALLS. 60" @ POP SINK WALLS. PROVIDE FINISHED TRIM @ EXPOSED EDGES AND SEAMS (OR AS REQUIRED BY CODE)	MAR-LITE WHITE COLOR TEXTURED FINISH OR EQUAL

- GENERAL FINISH NOTES**
- CONTRACTOR IS RESPONSIBLE FOR CHECKING THE QUALITY OF THE MATERIALS AND THE VERIFICATION OF ALL DIMENSIONS.
 - ALL VINYL TILE AREAS TO RECEIVE 4" VINYL BASE U.N.O.
 - ALL WALLS TO BE PAINTED FROM FLOOR TO UNDERSIDE OF CEILING, U.N.O.
 - 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.
 - APPLICATIONS OF PAINT SHALL BE ONE COAT PRIMER AND TWO COATS PAINT. PRIMER SHALL BE SPECIFIED OR RECOMMENDED BY PAINT MANUFACTURER.
 - PROVIDE A CLEAN SMOOTH CONCRETE SURFACE FOR PROPER INSTALLATION OF ALL FLOOR FINISHES.
 - PROTECT OTHER WORK AND MERCHANDISE AS REQUIRED TO PREVENT ANY DAMAGE.
 - ALL GYP. BD. CEILING, SOFFITS AND CURTAIN WALLS SHALL BE PAINTED, FLAT FINISH, UNLESS OTHERWISE NOTED.
 - ALL PAINTED GYP. BD. WALLS SHALL BE PAINTED, SEMI-GLOSS FINISH, UNLESS OTHERWISE NOTED.
 - PAINT PLYWOOD BACKER PANELS P-4 FOR ELECTRICAL PANELS, MEDIA BOARD AND PHONE BOARD PRIOR TO INSTALLATION.
 - CONTRACTOR TO PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FINISHES.
 - 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, ARMSTRONG S-184 FAST-PATCH AND SKIM COAT SHOULD BE APPLIED PER MFR. RECOMMENDATIONS OVER A BULDDUP PRODUCT SUCH AS MAPEI PRO 110 PLANE/PATCH AND CAULK EXPANSION JOINTS (AS REQUIRED). CLOSELY MATCH COLOR OF EXISTING SLAB WITH NEW PATCH.
 - ALL PAINTED DOOR FRAMES AND TRIM SHALL BE PAINTED AQUASLO SEMI-GLOSS FINISH WITH MOORE'S ALKID ENAMEL UNDERBODY (21) OR MOORE'S LATEX ENAMEL UNDERBODY (345). SEE DOOR SCHEDULE FOR COLOR REQUIREMENTS.
 - G.C. TO ENSURE FINISHES ARE A MINIMUM OF CLASS 2/CLASS A. ALL MATERIALS TO ALSO HAVE A FLAME SPREAD OF 0-25 AND A SMOKE SPREAD RATING OF 450 OR LESS. CONTACT ARCHITECT FOR SPECIFICATIONS IF REQUIRED.
 - G.C. TO COORDINATE FINAL PAINT LOCATIONS IN THE SALES AREA, PRIOR TO PAINTING, WITH VITAMIN SHOPPE PM.



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

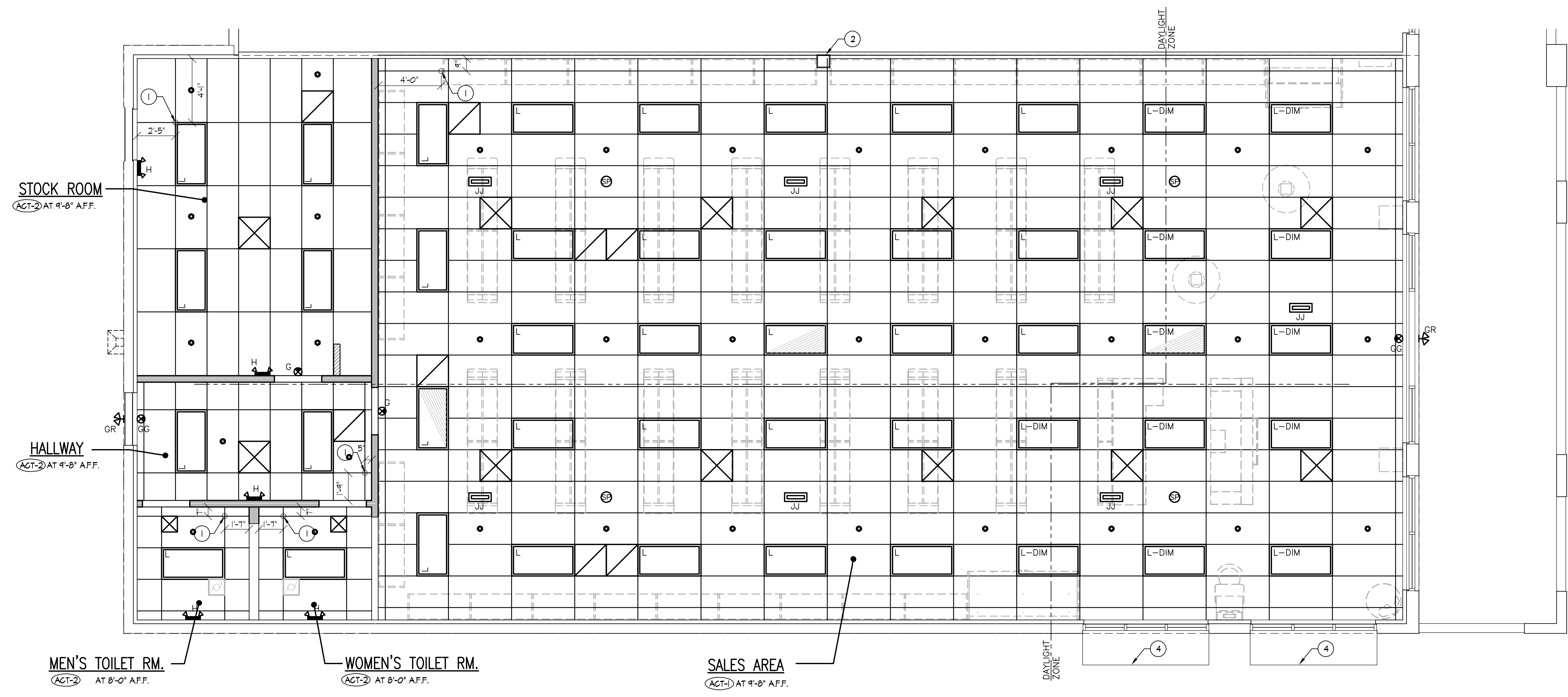


2 TYPICAL TILE LAYOUT DETAIL
 SCALE: 1-1/2" = 1'-0"

OWNER COMMENTS

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 SUB-FLOOR 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.



- CEILING PLAN KEY NOTES**
- 1 CEILING START POINT.
 - 2 EXISTING COLUMN.
 - 3 EXISTING EXTERIOR LIGHTING TO REMAIN.
 - 4 NEW AWNINGS BY TENANT VENDOR. G.C. TO COORDINATE INSTALLATION.

- 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 FLENUM 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 MANUFACTURES 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. G.C. TO ENSURE ALL SALES AREA LIGHTING AT OR AROUND WALL FIXTURES WILL BE ACCESSIBLE FOR MAINTENANCE. LIGHTING SHOULD BE ACCESSIBLE FROM SALES AREA SIDE, NOT WALL SIDE, AROUND WALL FIXTURES WITH UPFERS, TYP.
 9. ALL SWITCH PLATES AND OUTLET PLATES TO BE WHITE.
 10. ALL LIGHT SWITCHES SHALL BE INSTALLED 38" 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. ALL FLUORESCENT LIGHT FIXTURES TO HAVE ELECTRONIC BALLAST/COOL WHITE BULBS.
 13. REFER TO ELECTRIC PANEL SCHEDULE FOR LIGHTING FIXTURE VOLTAGE REQUIREMENTS.
 14. CEILING SPEAKER PROVIDED AND INSTALLED BY SOUND SYSTEM VENDOR SEE SHEET T2.0 FOR VENDOR INFORMATION.
 15. G.C. TO VERIFY HEIGHTS OF WINDOW MULLIONS TO COORDINATE WITH SOFFIT DETAILS. NOTIFY VITAMIN SHOPPE PM WITH ANY DISCREPANCIES.

REVISIONS:

NO.	DATE	OWNER COMMENTS
1	06/20/16	

PROJECT NO. 150310
 DATE: 10/14/15
 DRAWN BY: RAR
 STORE NUMBER: 404
 PROTO: 2016R1 PROTOTYPE SET

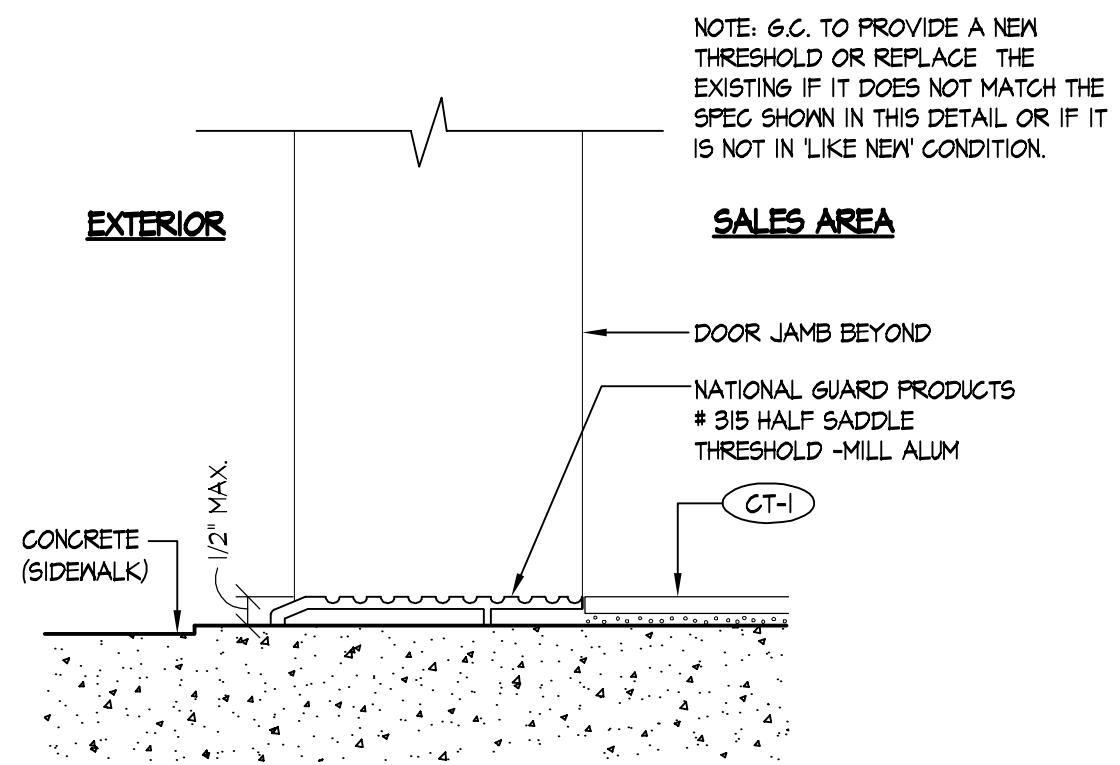
SALES AREA 2,420 S.F.
 NON SALES 588 S.F.
 GROSS AREA 3,008 S.F.

SHEET TITLE:
REFLECTED CEILING PLAN + NOTES

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

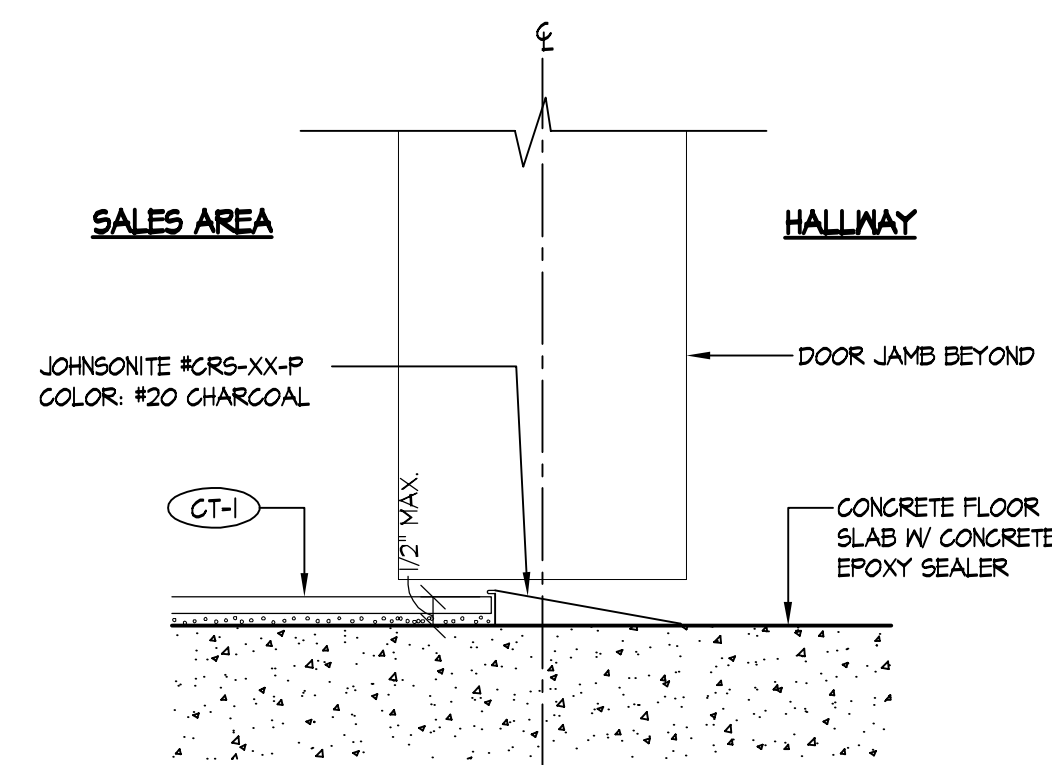
LIGHT FIXTURE LEGEND

SYMBOL	DESCRIPTION
L	2x4 PRISMATIC RECESSED IV (3) T8 LED LAMPS
L-DIM	DIMMABLE - 2x4 PRISMATIC RECESSED IV (3) T8 LED LAMPS
G	LED EMERGENCY EXIT SIGNS
H	EMERGENCY LIGHT (2) HEAD WALL MOUNTED
J	EMERGENCY LIGHT BESHHELLI TEMPESTA
JJ	EMERGENCY LIGHT (2) HEAD CEILING MOUNTED

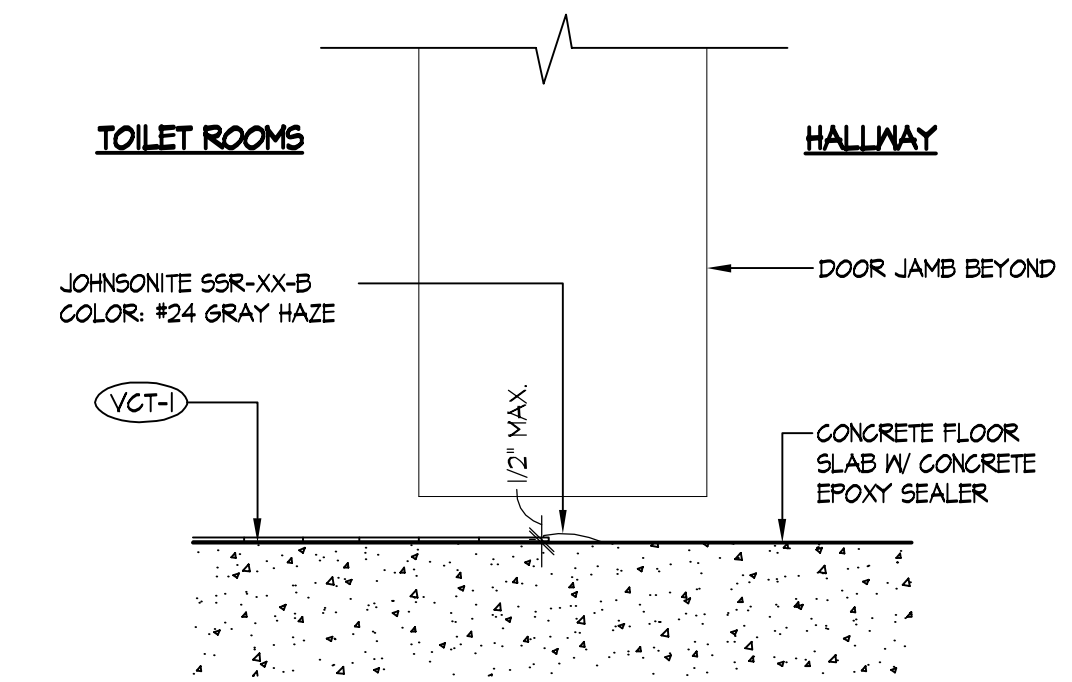


1 CERAMIC TILE / EXTERIOR TRANS
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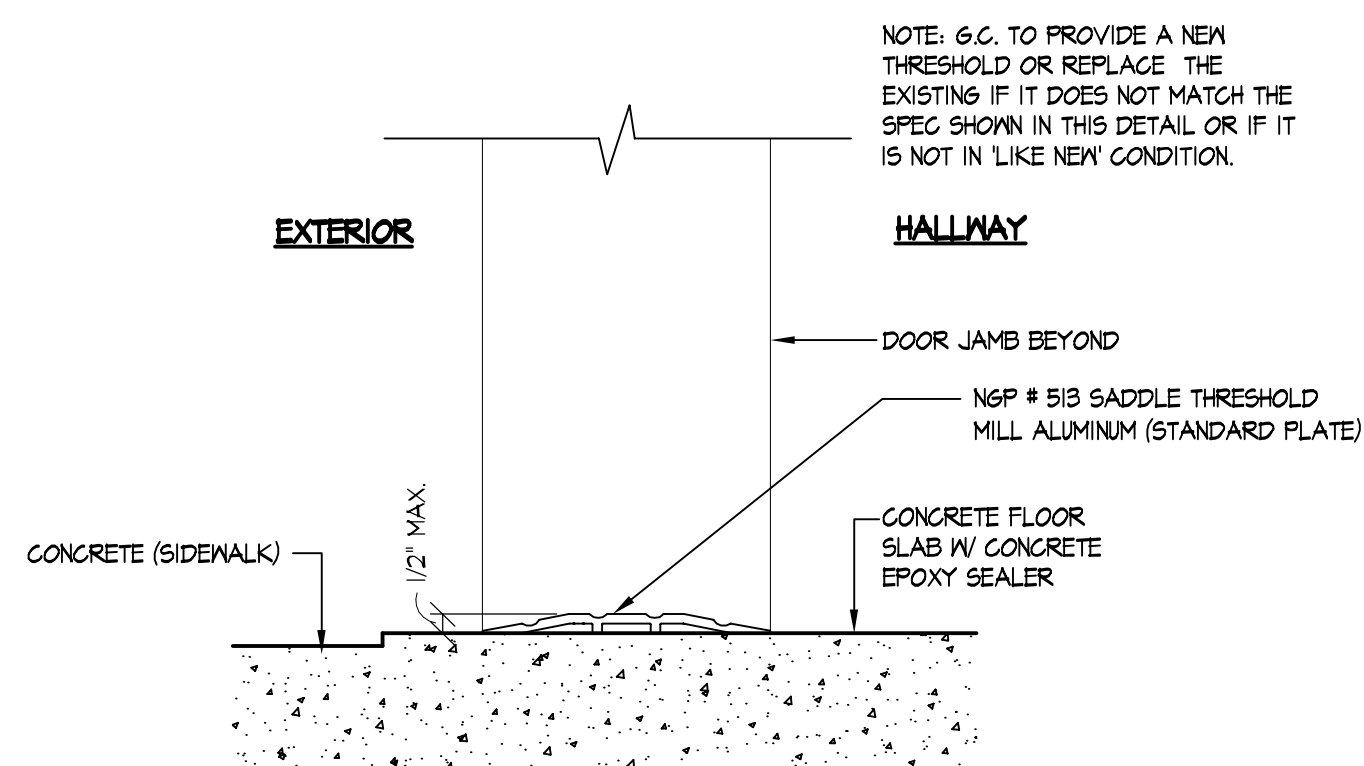
2 NOT USED
SCALE: N.T.S.



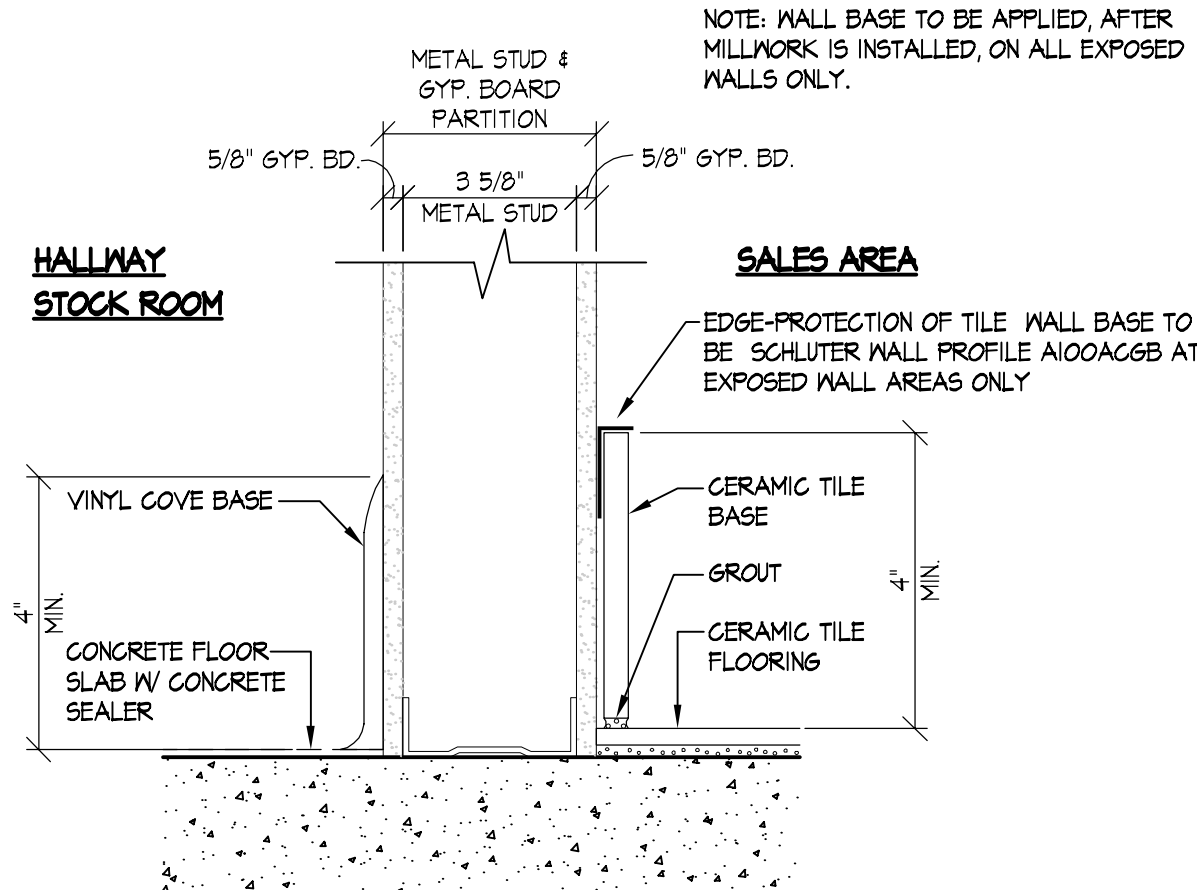
3 CERAMIC TILE / SLAB TRANSITION
SCALE: N.T.S.



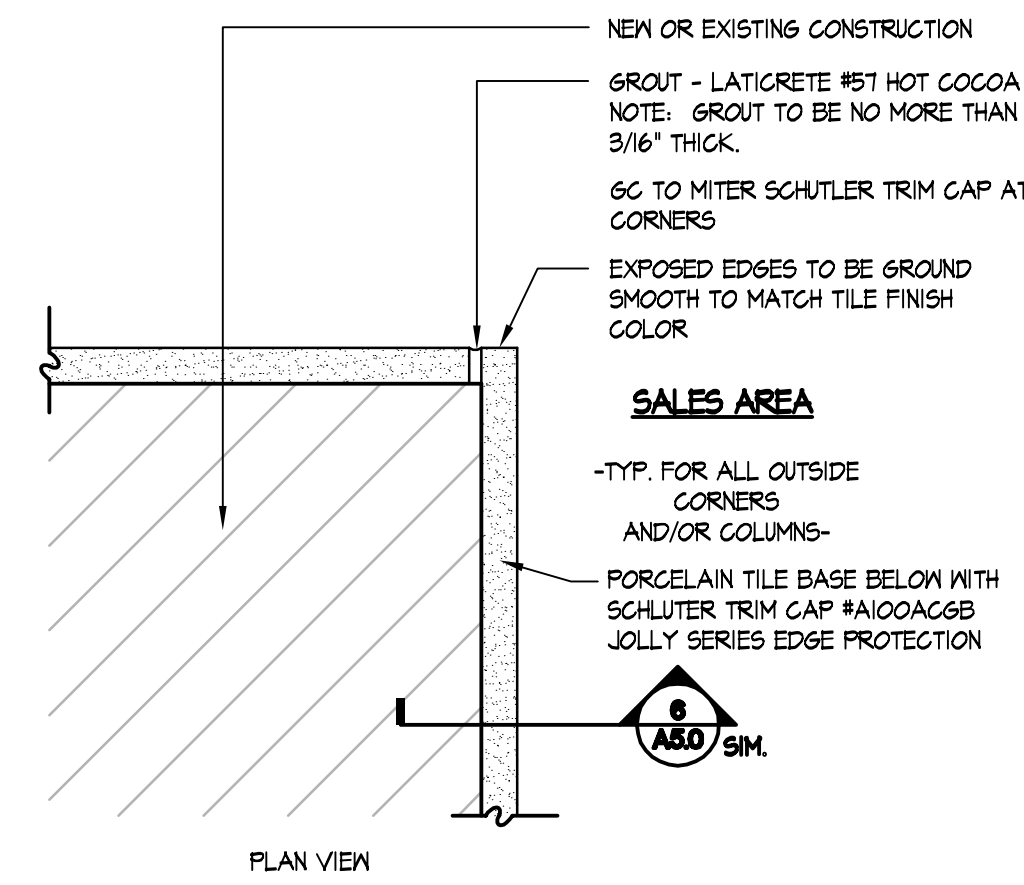
4 VCT / SLAB TRANSITION
SCALE: N.T.S.



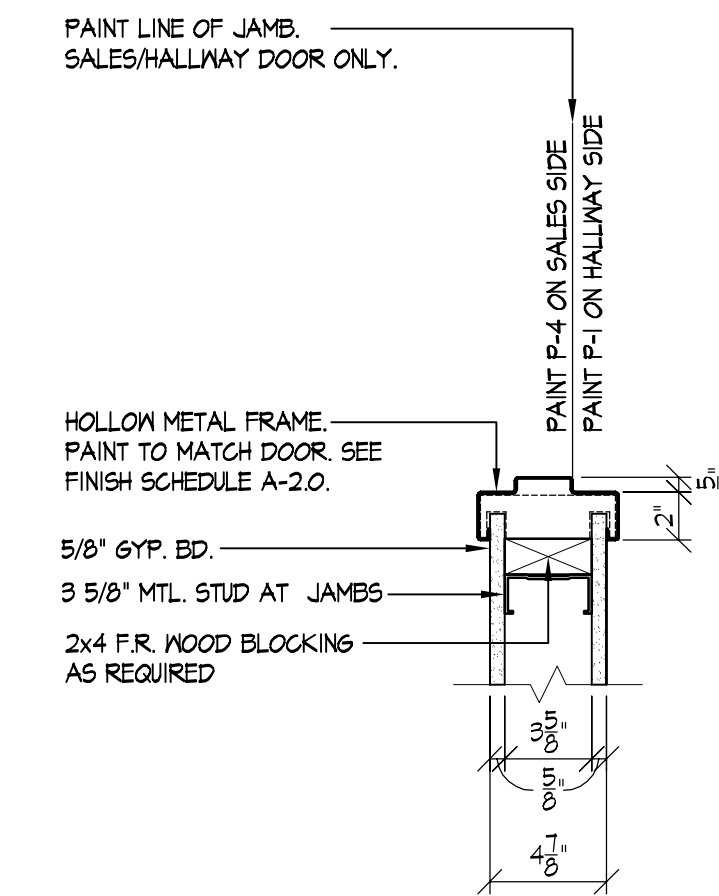
5 SLAB / EXTERIOR TRANS
SCALE: N.T.S.



6 WALL BASE DETAILS
SCALE: N.T.S.



7 WALL BASE DETAIL
SCALE: N.T.S.



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

9 NOT USED
SCALE: N.T.S.

10 NOT USED
SCALE: N.T.S.

11 NOT USED
SCALE: N.T.S.

12 NOT USED
SCALE: N.T.S.

FREDERICK J. GOGLIA
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REGISTRATION SEAL

REVISIONS	DATE	OWNER COMMENTS
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PROJECT NO.	150310
DATE	10/14/15
DRAWN BY	RAR
STORE NUMBER	404
PROTO	2016R1 PROTOTYPE SET

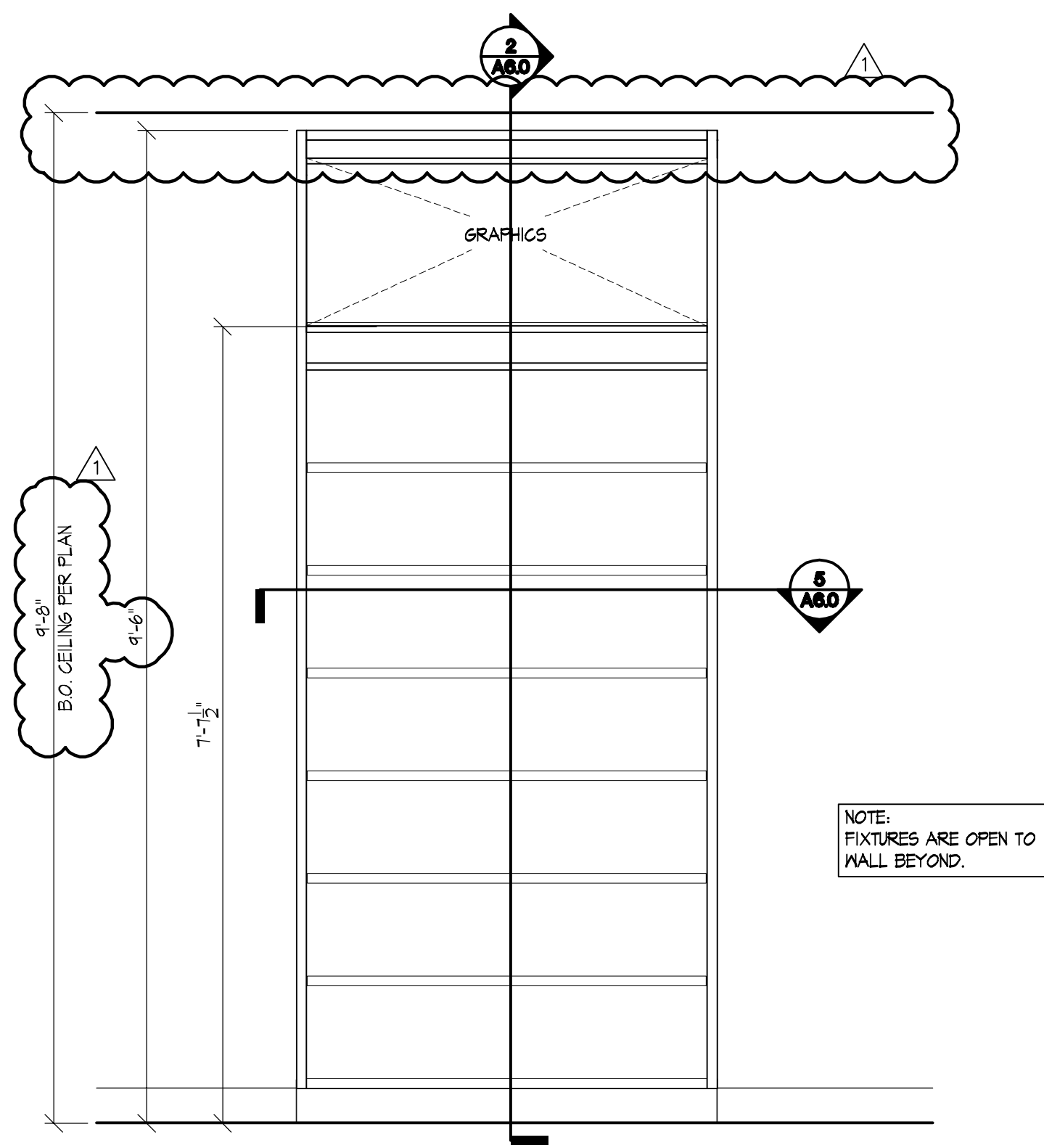
SALES AREA	2,420 S.F.
NON SALES	588 S.F.
GROSS AREA	3,008 S.F.

SHEET TITLE:

MISCELLANEOUS
DETAILS

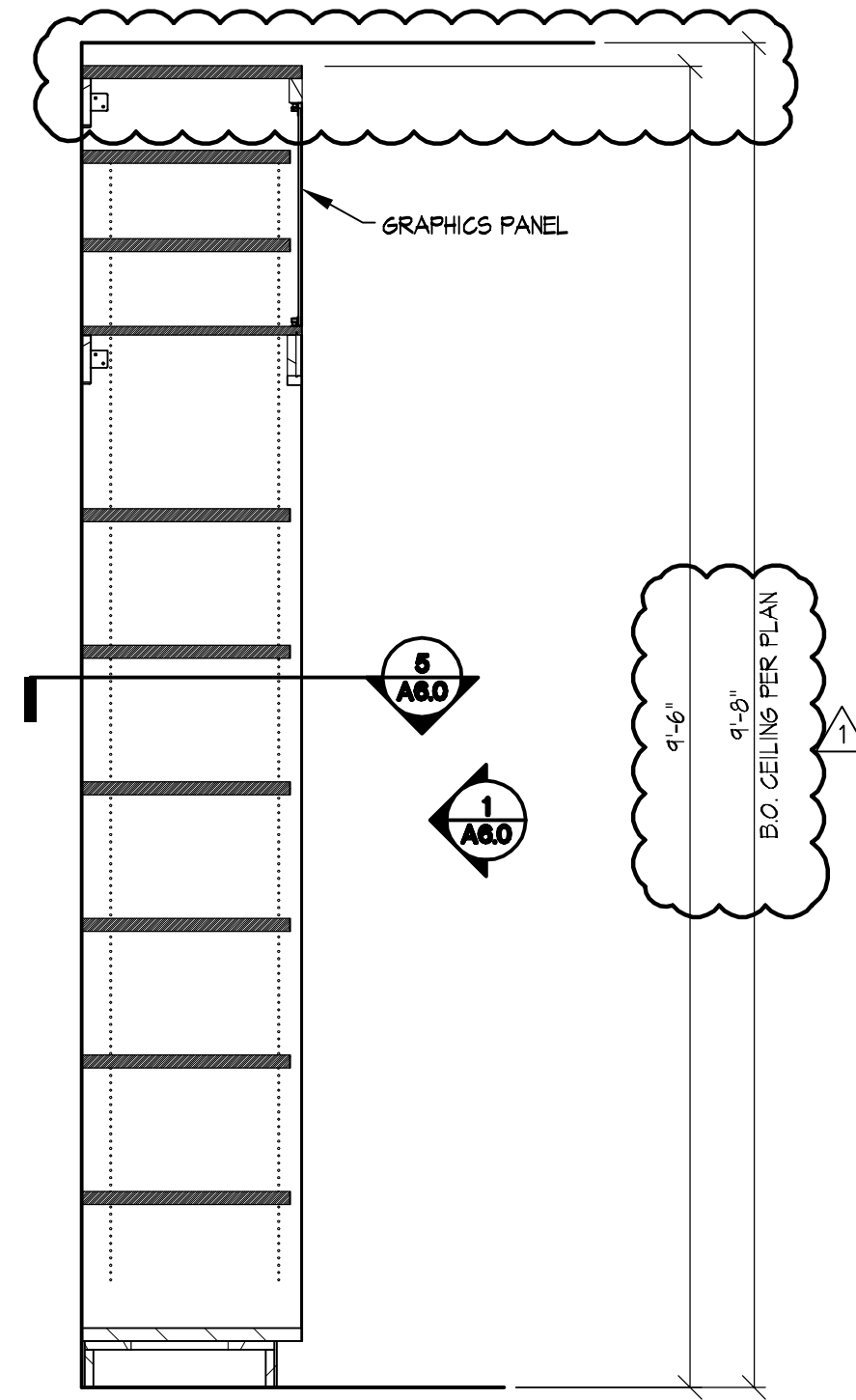
theVitamin Shoppe
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

SHEET NO:
A5.0



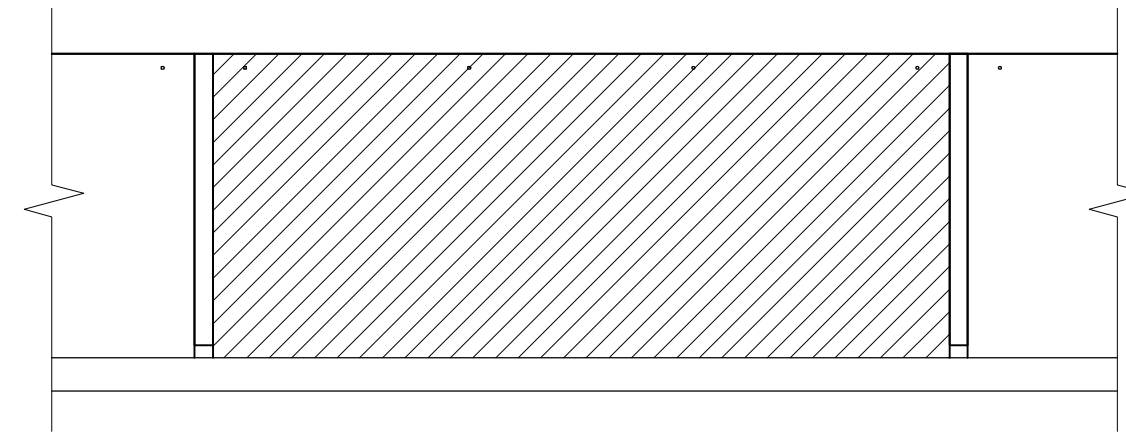
1 ELEVATION • WALL FIXTURE
SCALE: 3/4" = 1'-0"

NOTE:
FIXTURES ARE OPEN TO
WALL BEYOND.

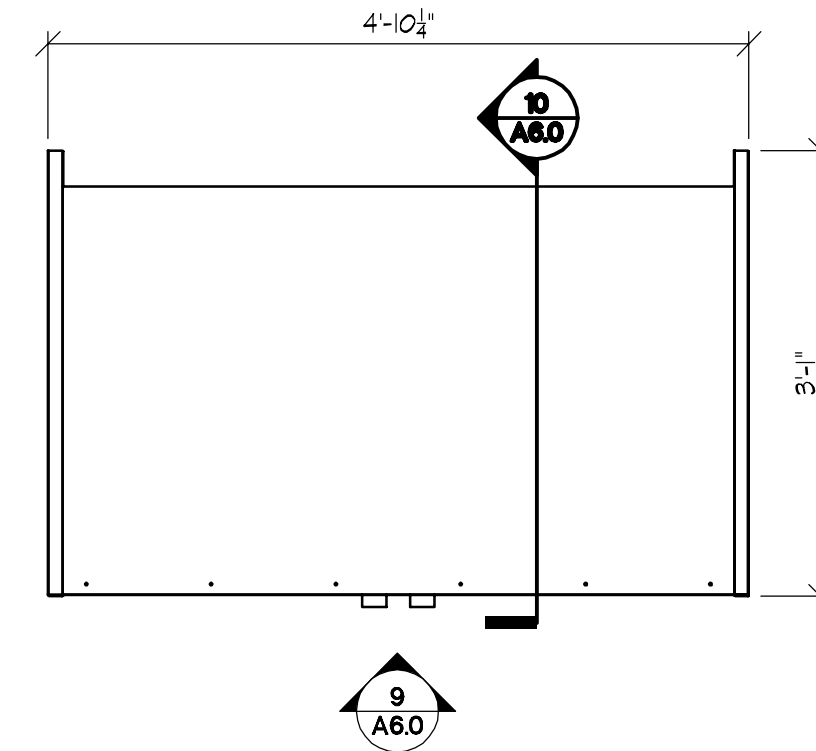


2 SECTION • WALL FIXTURE
SCALE: 3/4" = 1'-0"

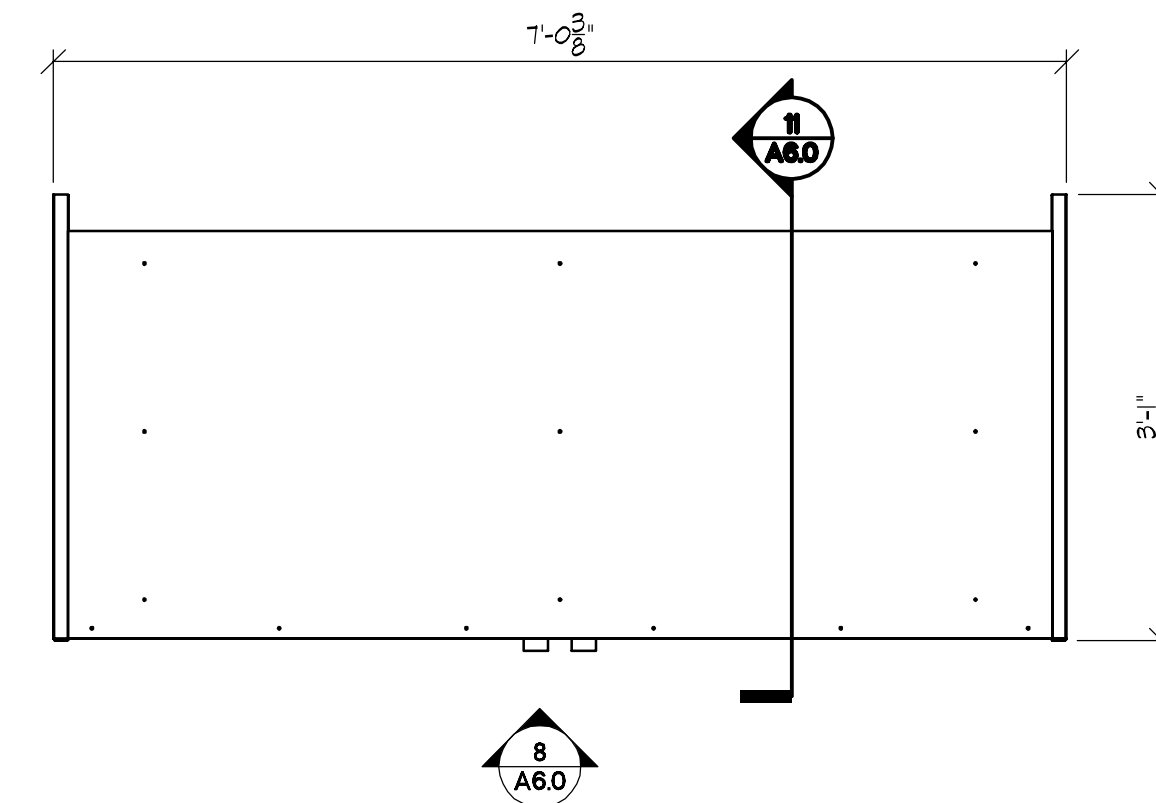
NOTE:
ALL GYP. BD. WALLS TO BE LEVEL 4 FINISH. PAINT WALLS
SEMI-GLOSS FLOOR TO CEILING PER FINISH LEGEND A2.0.



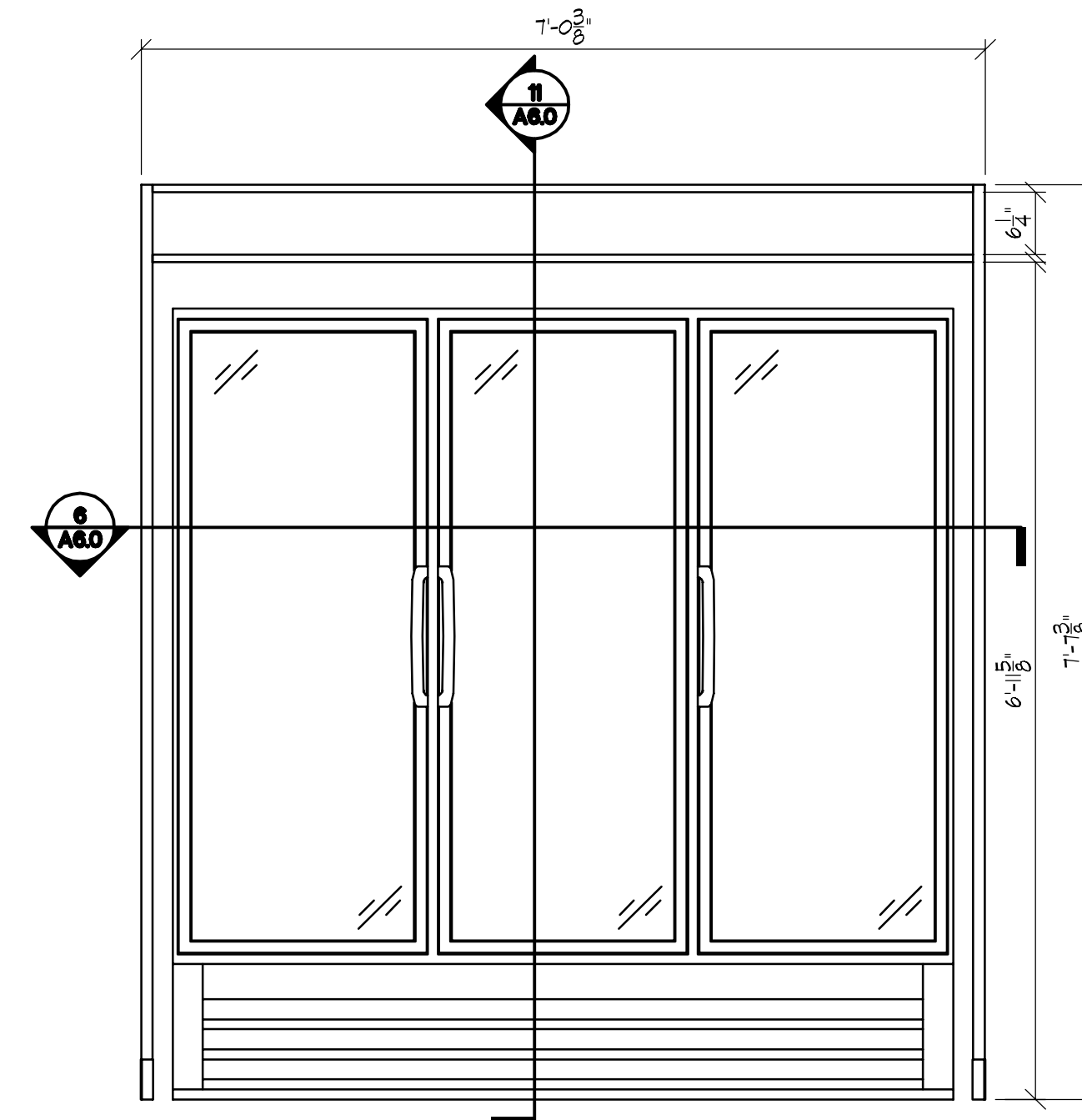
5 PLAN VIEW • WALL FIXTURE
SCALE: 1" = 1'-0"



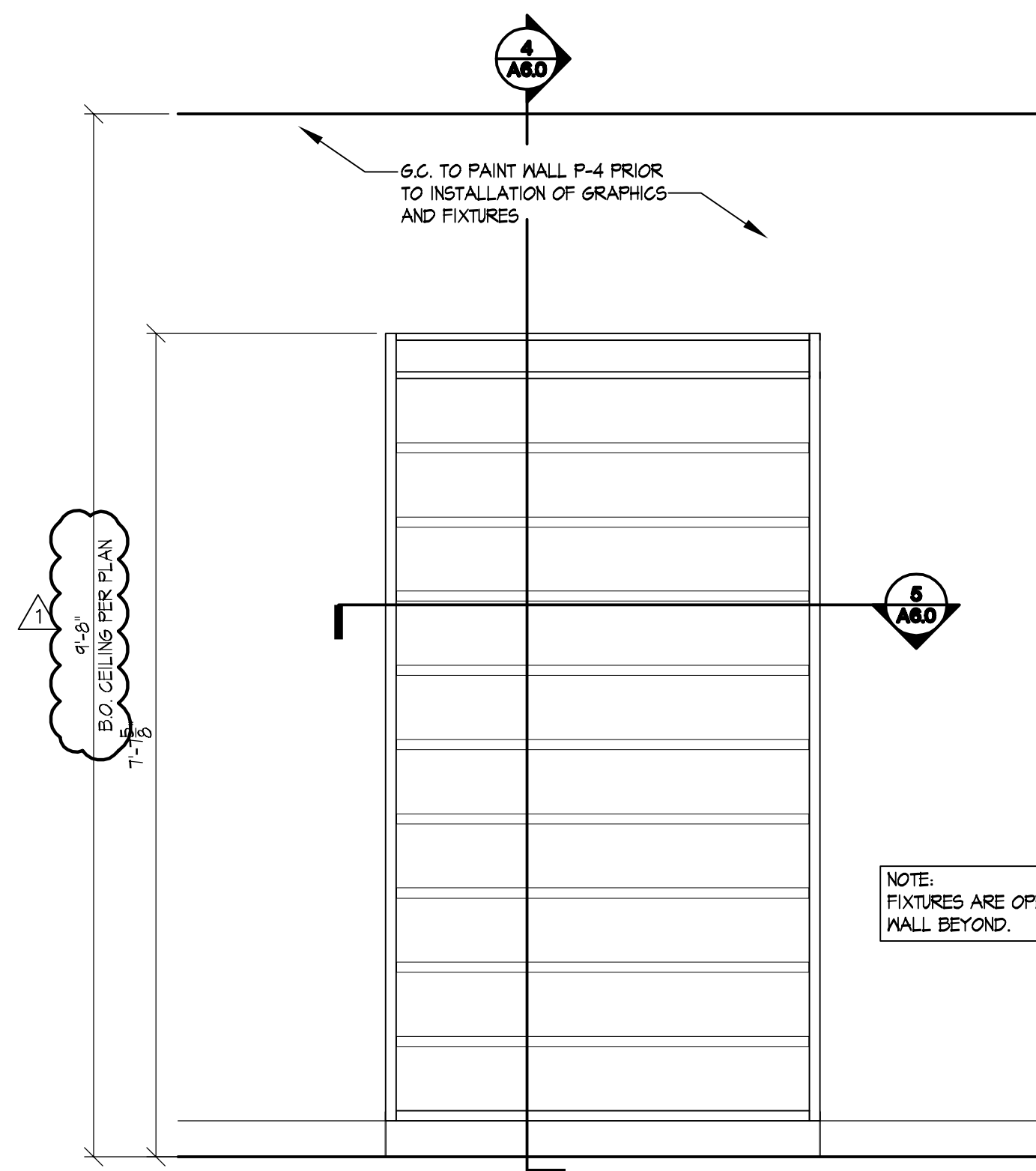
7 PLAN VIEW • 48" REF
SCALE: 3/4" = 1'-0"



6 PLAN VIEW • 72" REF
SCALE: 3/4" = 1'-0"

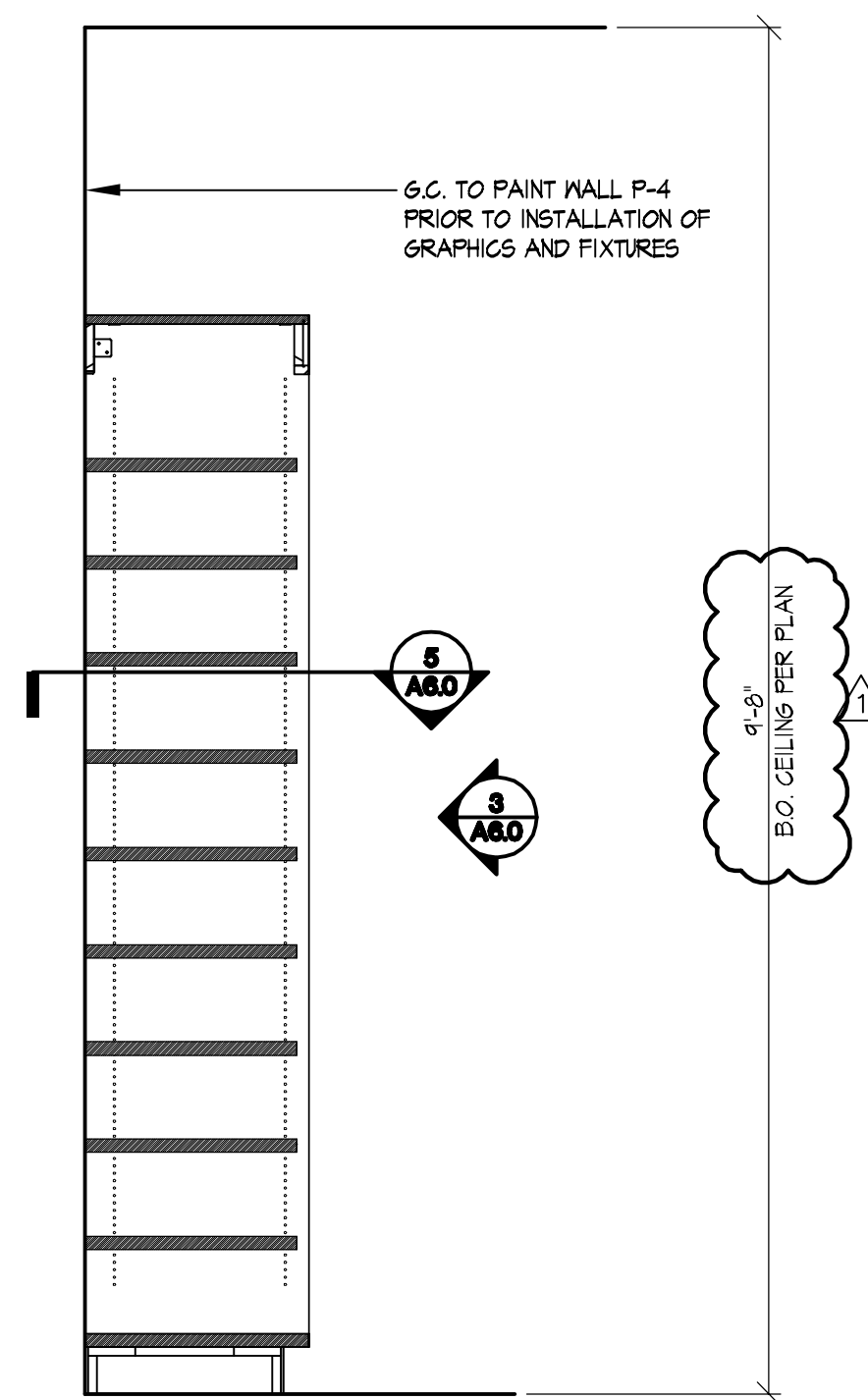


8 ELEVATION • REF
SCALE: 3/4" = 1'-0"

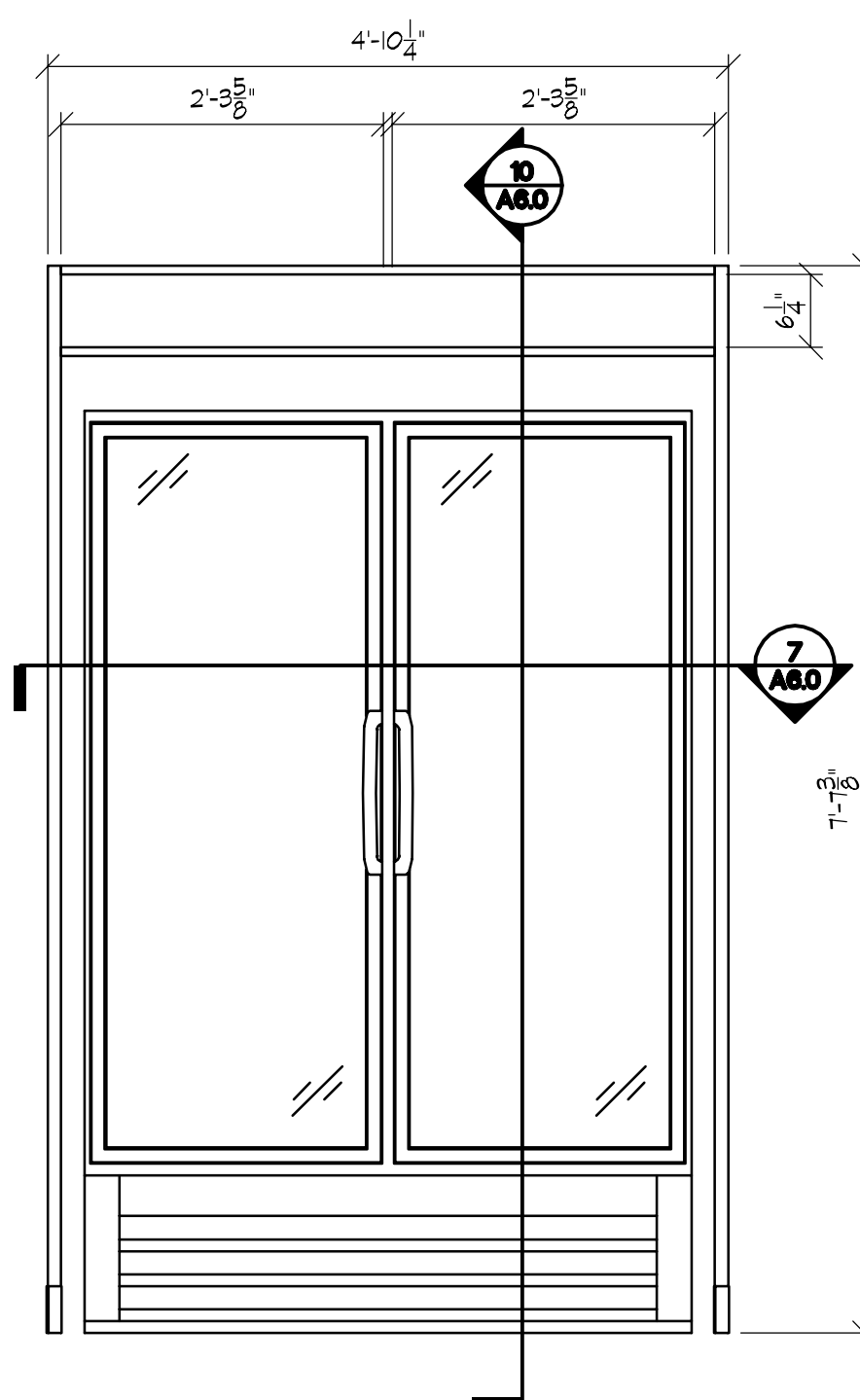


3 ELEVATION • WALL FIXTURE
SCALE: 3/4" = 1'-0"

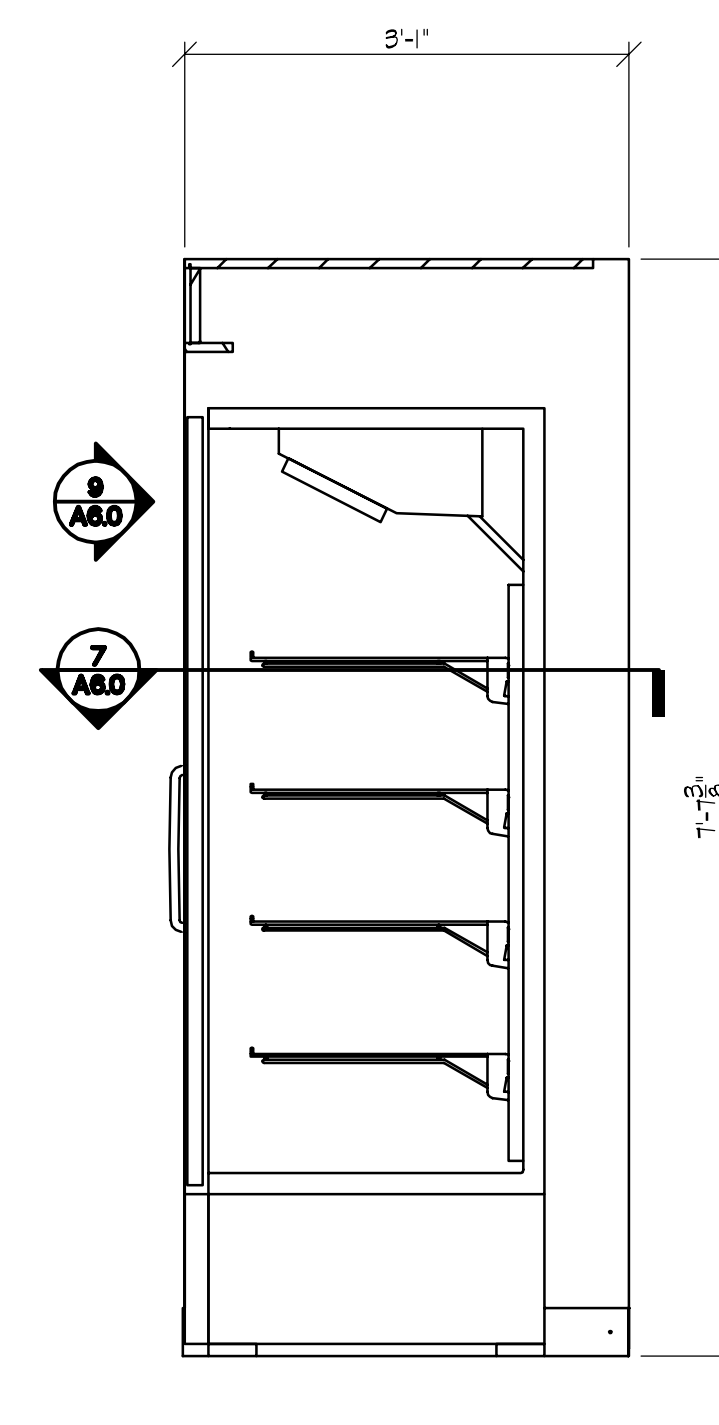
NOTE:
FIXTURES ARE OPEN TO
WALL BEYOND.



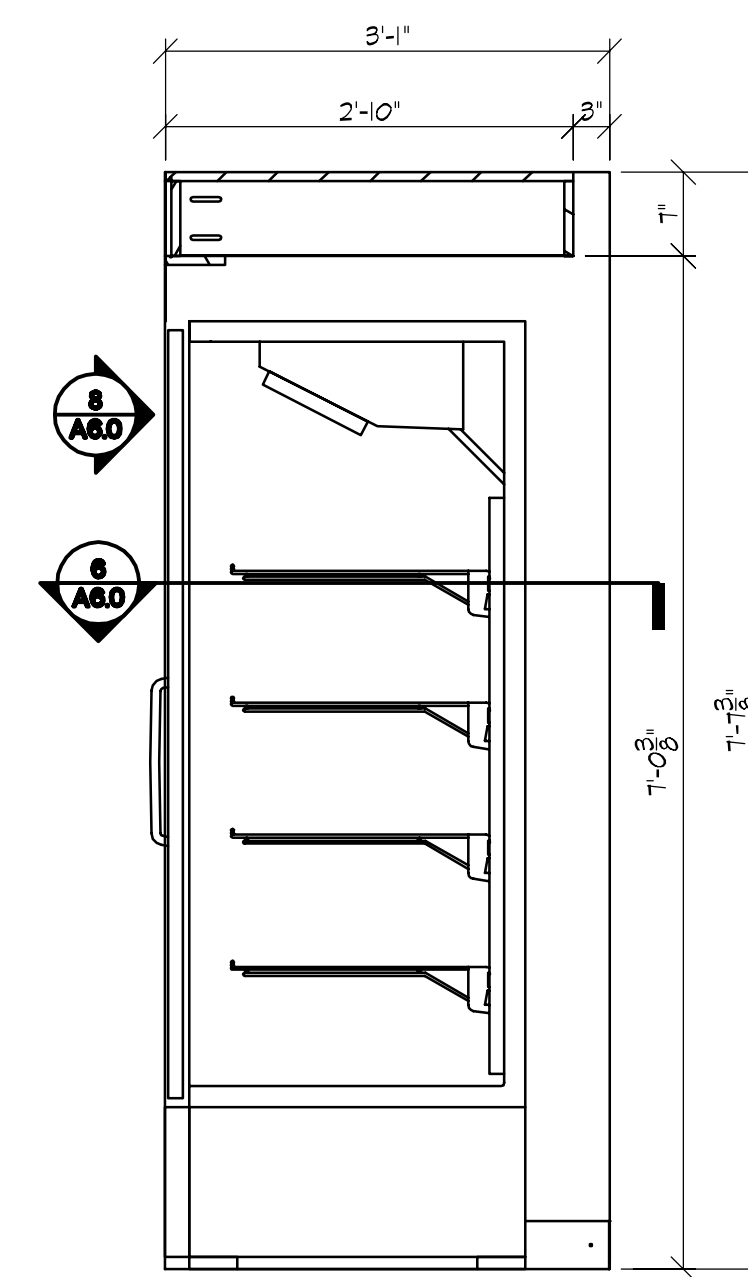
4 SECTION • WALL FIXTURE
SCALE: 3/4" = 1'-0"



9 ELEVATION • REF
SCALE: 3/4" = 1'-0"



10 SECTION • REF
SCALE: 3/4" = 1'-0"



11 SECTION • REF
SCALE: 3/4" = 1'-0"

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REGISTRATION SEAL

REVISIONS	DATE	OWNER COMMENTS
1	06/20/16	

PROJECT NO. 150310
DATE: 10/14/15
DRAWN BY: DLI
STORE NUMBER: 404
PROTO: 2016R1 PROTOTYPE SET

SALES AREA 2,420 S.F.
NON SALES 588 S.F.
GROSS AREA 3,008 S.F.

SHEET TITLE:
**WALL FIXTURE
DETAILS**

**theVitamin
Shoppe**
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

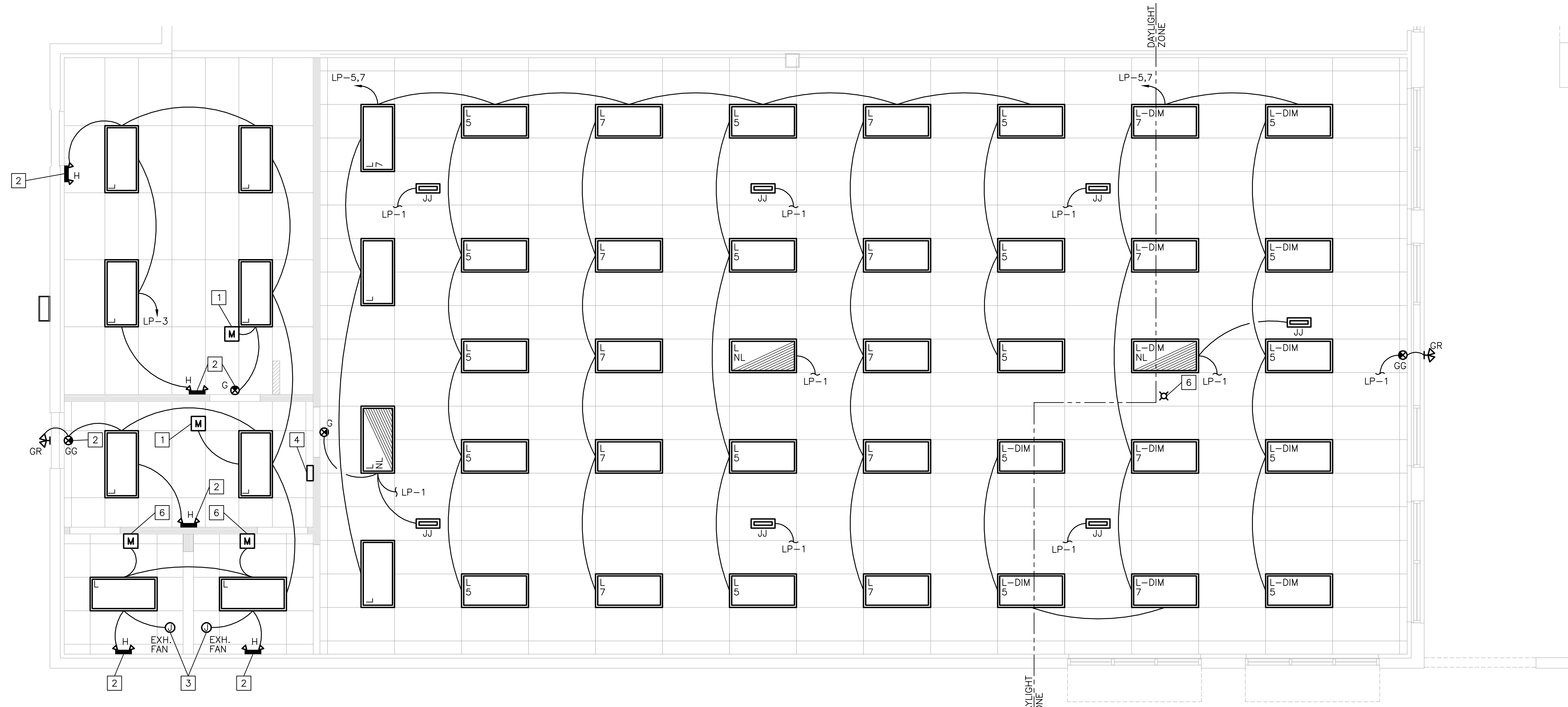
SHEET NO:
A6.0

ELECTRICAL KEYED NOTES

1	INSTALL "THE WATT STOPPER" OCCUPANCY SENSOR MODEL NO. W-500A IN BACK ROOM AREA TO CONTROL GENERAL LIGHTING AS CIRCUITED.
2	CONNECT TO UNCONTROLLED LEG OF CIRCUIT.
3	CONNECT TO EXHAUST FAN. TOILET LIGHT AND FAN TO BE CONTROLLED BY SINGLE WALL SWITCH
4	LIGHTING SWITCH BANK LOCATION. REFER TO DETAIL THIS SHEET
5	EXISTING L.L. EXTERIOR LIGHT TO REMAIN. EXISTING CIRCUIT TO L.L. HOUSE PANEL TO REMAIN
6	INSTALL "THE WATT STOPPER" WALL SWITCH/OCCUPANCY SENSOR MODEL NO. DSW-100 AT 48" A.F.F. FOR CONTROL OF TOILET ROOM LIGHT AND FAN.
7	PC1 CEILING MOUNTED PHOTOCELL FOR DAYLIGHT ZONE. FOR CONTINUOUS DIMMING CONTROL OF SALES AREA 2X4 LIGHTING.

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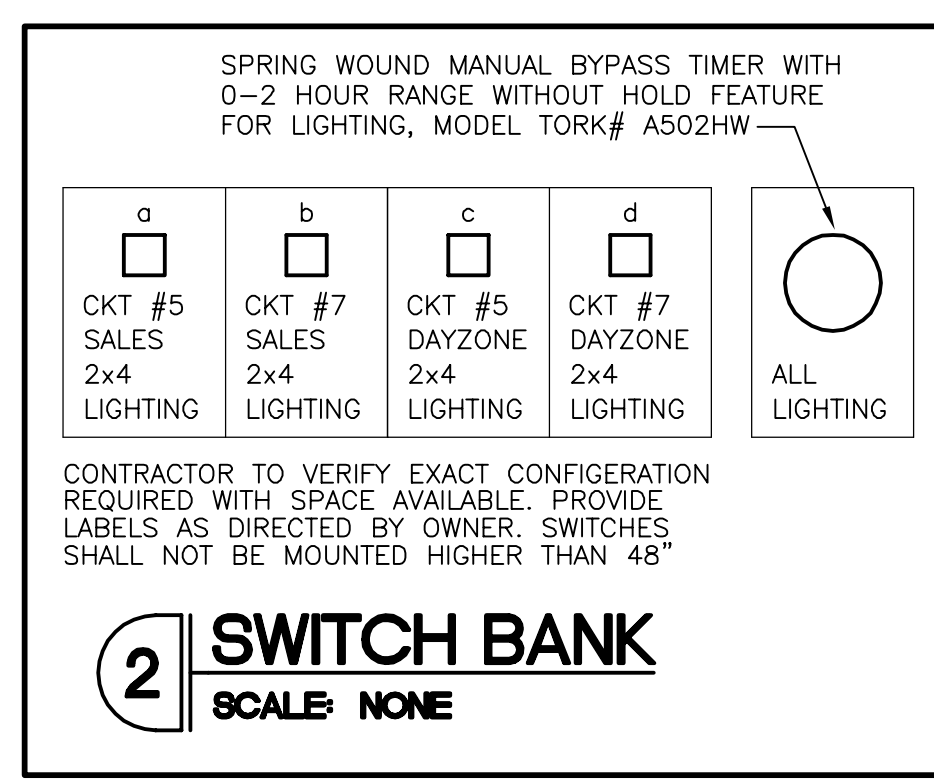
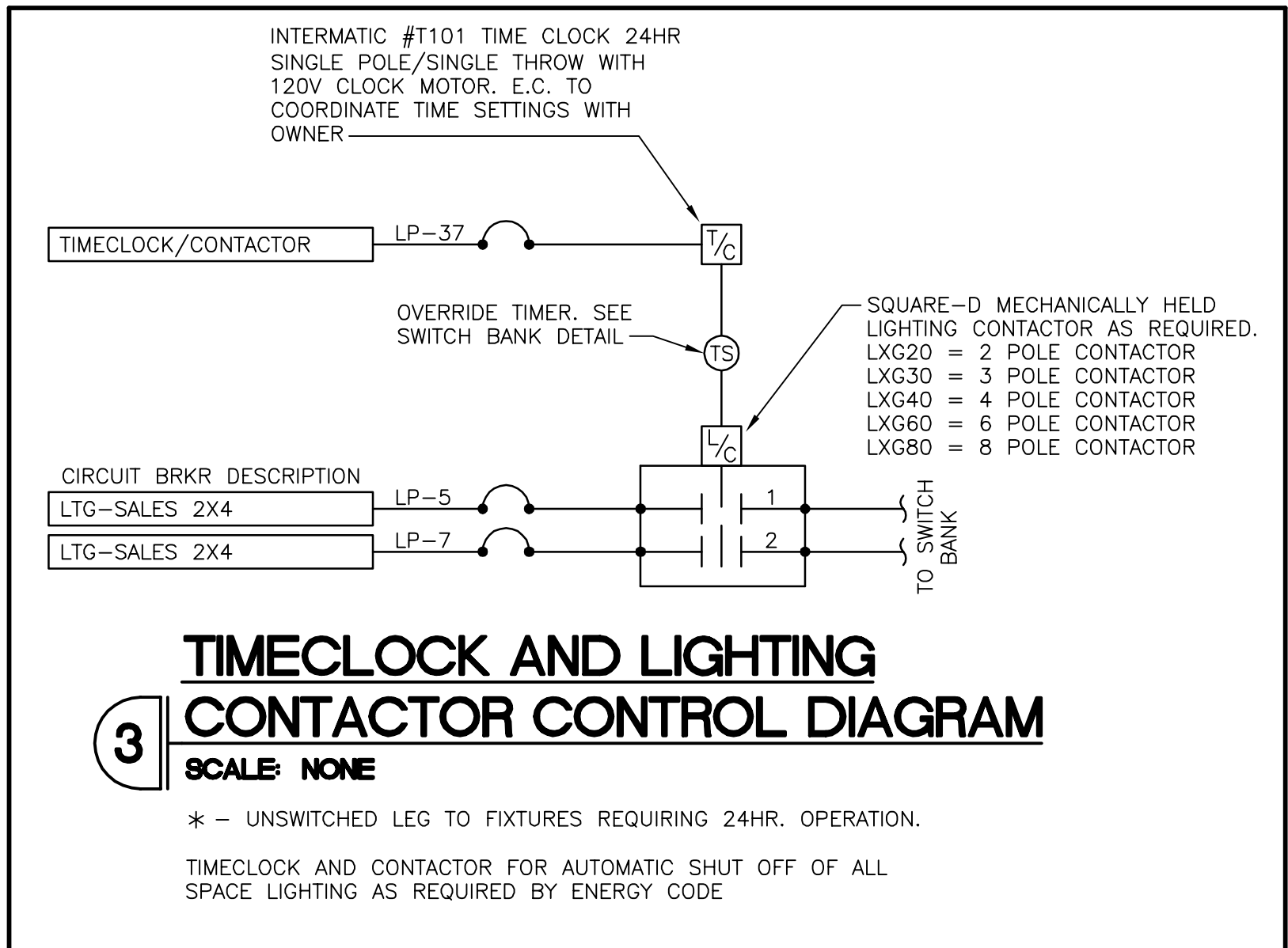
REGISTRATION SEAL



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

LIGHT FIXTURE DIMMING
CONTRACTOR SHALL VERIFY DIMMING PROTOCOL REQUIREMENTS FOR LIGHT FIXTURES SELECTED FOR THIS PROJECT WITH LIGHTING SUPPLY VENDOR. SOME LIGHT FIXTURES SPECIFIED FOR THIS PROJECT MAY REQUIRE LOW VOLTAGE SIGNAL WIRES BETWEEN THE DIMMER(S) AND THE LIGHT FIXTURE(S). CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS AND LABOR REQUIRED TO ACHIEVE THE DIMMING.

DAYLIGHT SENSOR LEVEL
E.C. SHALL PROVIDE AND INSTALL PHOTOCELL(S) FOR DAY LIGHTING CONTROL AS REQUIRED PER 9.4.1.4 OF ASHRAE 90.1 ENERGY CODE



LIGHT FIXTURE SCHEDULE

	DESCRIPTION	LAMPING	FIXTURE WATTS	VOLTAGE	MANUFACTURER	CATALOGUE #	REMARKS
⊙G	LED EMERGENCY EXIT SIGN ONLY - NO HEADS	INCLUDED	5	120/277	ASTRALITE INC	TP-U-R-W-EM	INCLUDES MINIMUM 90MIN BATTERY
⊙GG	LED EMERGENCY EXIT SIGN W/ REMOTE HEAD CAPACITY	INCLUDED	10	120/277	ASTRALITE INC	LG-150-R-W-NC	INCLUDES MINIMUM 90MIN BATTERY
⊙GR	WEATHERPROOF REMOTE EMERGENCY WITH (2) HEADS	INCLUDED (2)	5.4W	6V	ASTRALITE INC	REM-1-2H-W-A	CONNECT TO REMOTE CAPACITY BATTERY IN EXIT SIGN "GG"
⊙H	EMERGENCY LIGHT (2) HEAD SEMI-RECESSED WALL MOUNTED	INCLUDED (2)	5.4W	120/277	ASTRALITE INC	EU-3-7-W-NC	INCLUDES MINIMUM 90MIN BATTERY
⊙JJ	EMERGENCY LIGHT RECESSED CEILING MOUNTED	INCLUDED (1)	24W	120	BEGHELLI TEMPESTA	TA-24W-EM-120V-AT	INCLUDES MINIMUM 90MIN BATTERY
L	2x4 PRISMATIC RECESSED W/ T8 LED LAMPS	(3) 4'-0" LED T8 15W 1800 LUMENS 4000K	45	120/277	TEXAS FLUORESCENTS	131A-332 NO BALLAST	
L-DIM	2x4 PRISMATIC RECESSED W/ LED PANEL	INCLUDED LED PANEL 5000 LUMENS 5000K	54	120/277	ATTAIN LED	AT-2450-XXX	0-10V CONTINUOUS DIMMING

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.

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.

REVISIONS:

06/20/16	OWNER COMMENTS
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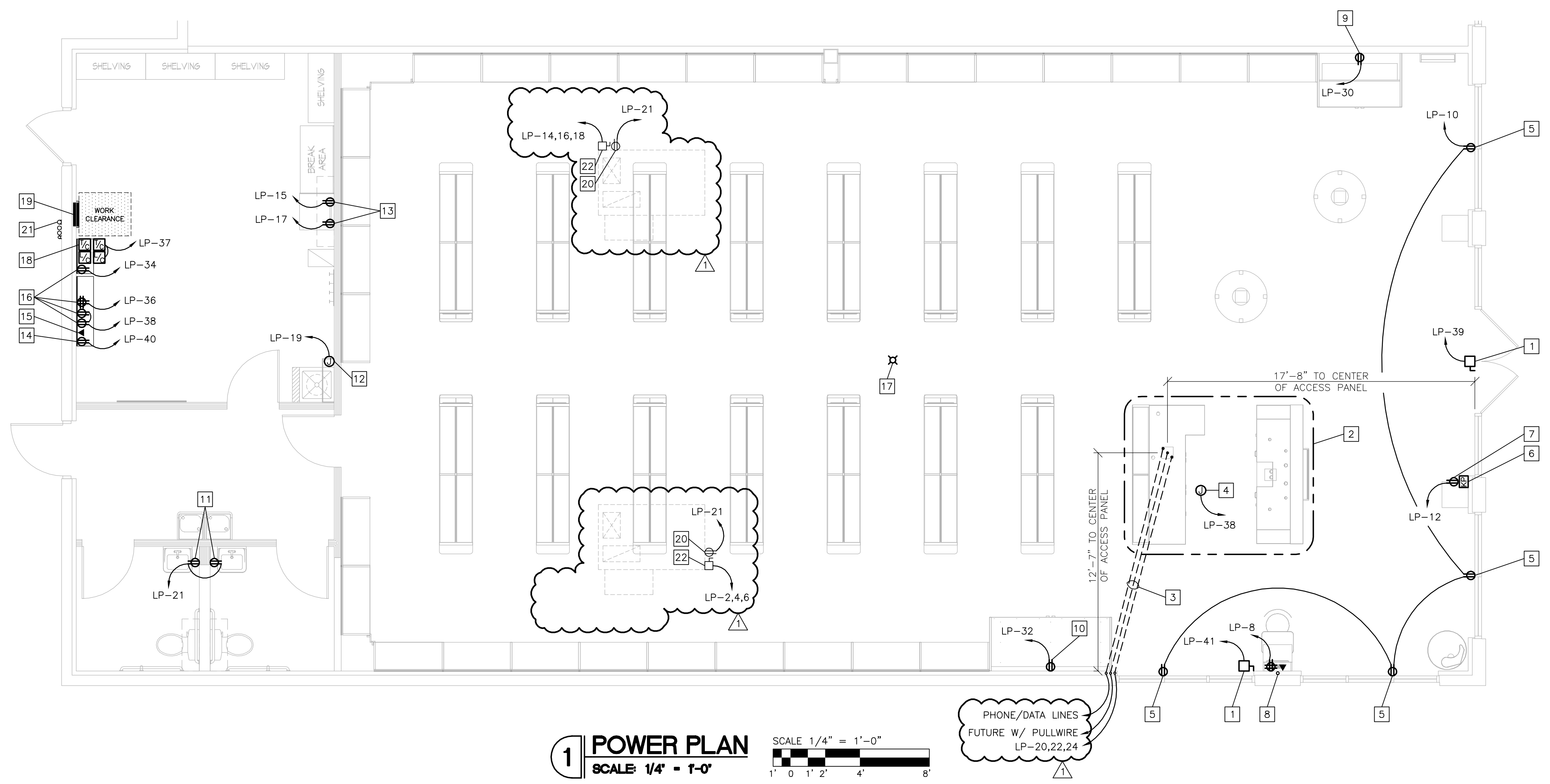
PROJECT NO. 150310
DATE: 10/14/15
DRAWN BY: TM
STORE NUMBER: 404
SCALE: AS NOTED

SALES AREA 2,420 S.F.
NON SALES 588 S.F.
GROSS AREA 3,008 S.F.

SHEET TITLE:
LIGHTING PLAN

theVitamin Shoppe
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

SHEET NO:
E1.0



ELECTRICAL NOTES	
1	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	PROVIDE CONDUITS AND WIRE IN FLOOR AND AS REQUIRED PER DETAILS ON SHEET E4. EXTEND TO THE ELECTRICAL PANELS AND PER TELEPHONE BACKBOARD DETAIL AS SHOWN ON DRAWING E3. CONDUITS AND WIRE AT CASHWRAP TO STUB-UP TO PRE-INSTALLED J-BOX FOR FINAL WIRING CONNECTION
4	ELECTRICAL JUNCTION BOX LOCATED ABOVE ACOUSTICAL TILE CEILING AT CASH/WRAP AREA FOR FUTURE SECURITY CAMERA
5	DUPLEX RECEPTACLE MOUNTED FLUSH IN CEILING OF SHOW WINDOW PER NEC 210-62
6	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	DUPLEX GROUNDED RECEPTACLE (COLOR WHITE), FLUSH MOUNTED VERTICAL IN WALL AT 15" A.F.F. FOR GENERAL USE.
8	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	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	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	G.F.C.I. DUPLEX RECEPTACLE MTD 42" A.F.F.
12	PROVIDE J-BOX. FOR WATER HEATER.
13	CONVENIENCE OUTLET FOR REFRIGERATOR MTD 12" A.F.F. AND MICROWAVE MTD. 42" A.F.F.
14	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	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	DUPLEX RECEPTACLES FOR STEREO, DVR, NETWORK EQUIP., AND CCTV. SEE DETAIL #2/E3 FOR EXACT LOCATIONS.
17	PHOTOCELL. SEE DETAIL THIS SHEET
18	TIMECLOCK AND CONTACTORS. REFER TO DETAIL THIS SHEET
19	PANEL "LP". REFER TO PANEL SCHEDULE AND ONE-LINE DIAGRAM
20	WEATHERPROOF G.F.C.I. RECEPTACLE TO BE INSTALLED PER N.E.C. 210-63
21	APPROX LOCATION OF EXISTING ELECTRICAL SERVICE UNDERGROUND STUB-UP AND WALL PENETRATION TO REMAIN
22	EXIST 208V, 3Ø, 60A.S., N.F. FOR ROOFTOP UNIT 39.1 F.L.A., 12KW HEAT

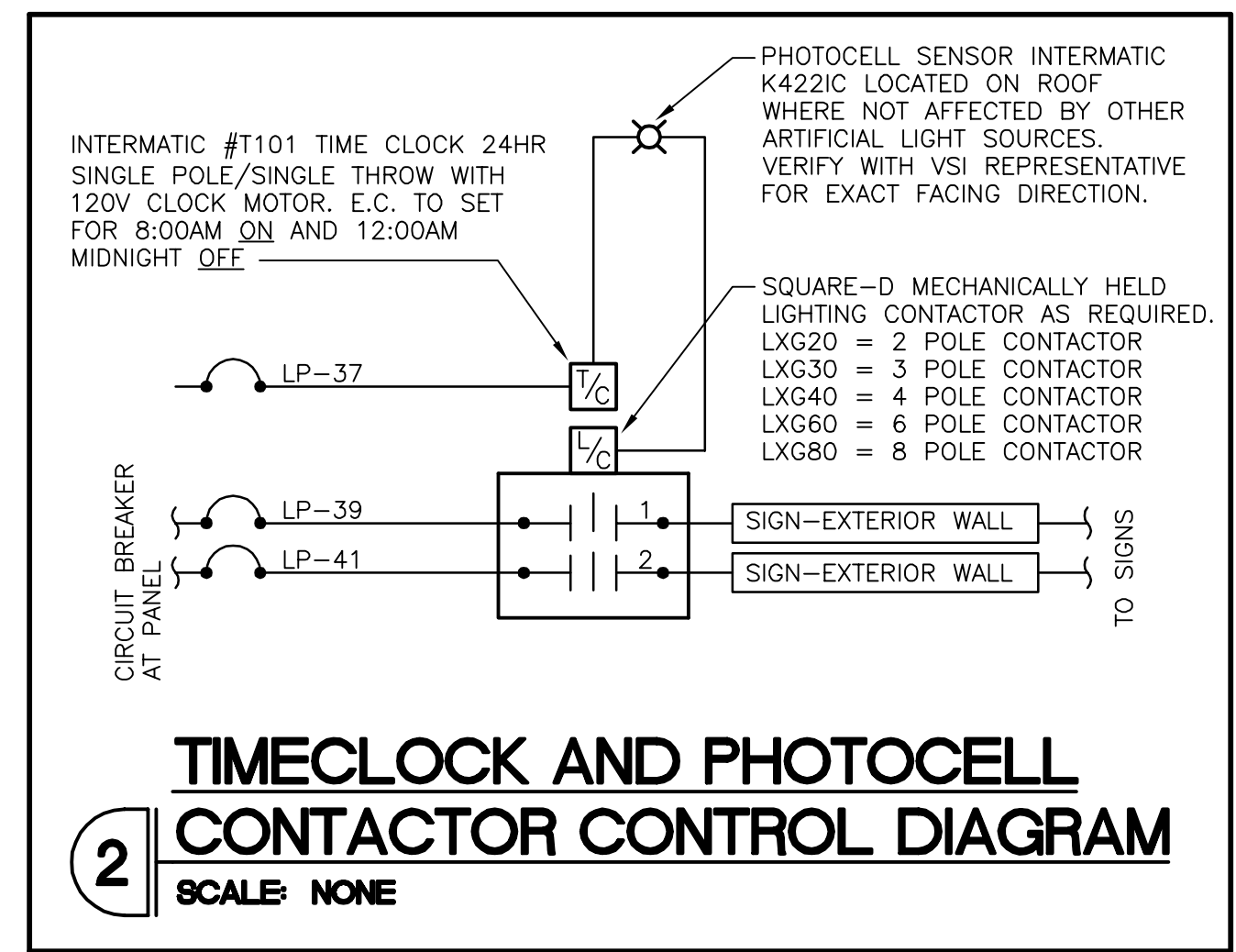
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REVISIONS	DATE	OWNER COMMENTS
1	06/20/16	

PROJECT NO.	150310
DATE:	10/14/15
DRAWN BY:	TM
STORE NUMBER:	404
SCALE:	AS NOTED
SALES AREA	2,420 S.F.
NON SALES	588 S.F.
GROSS AREA	3,008 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.

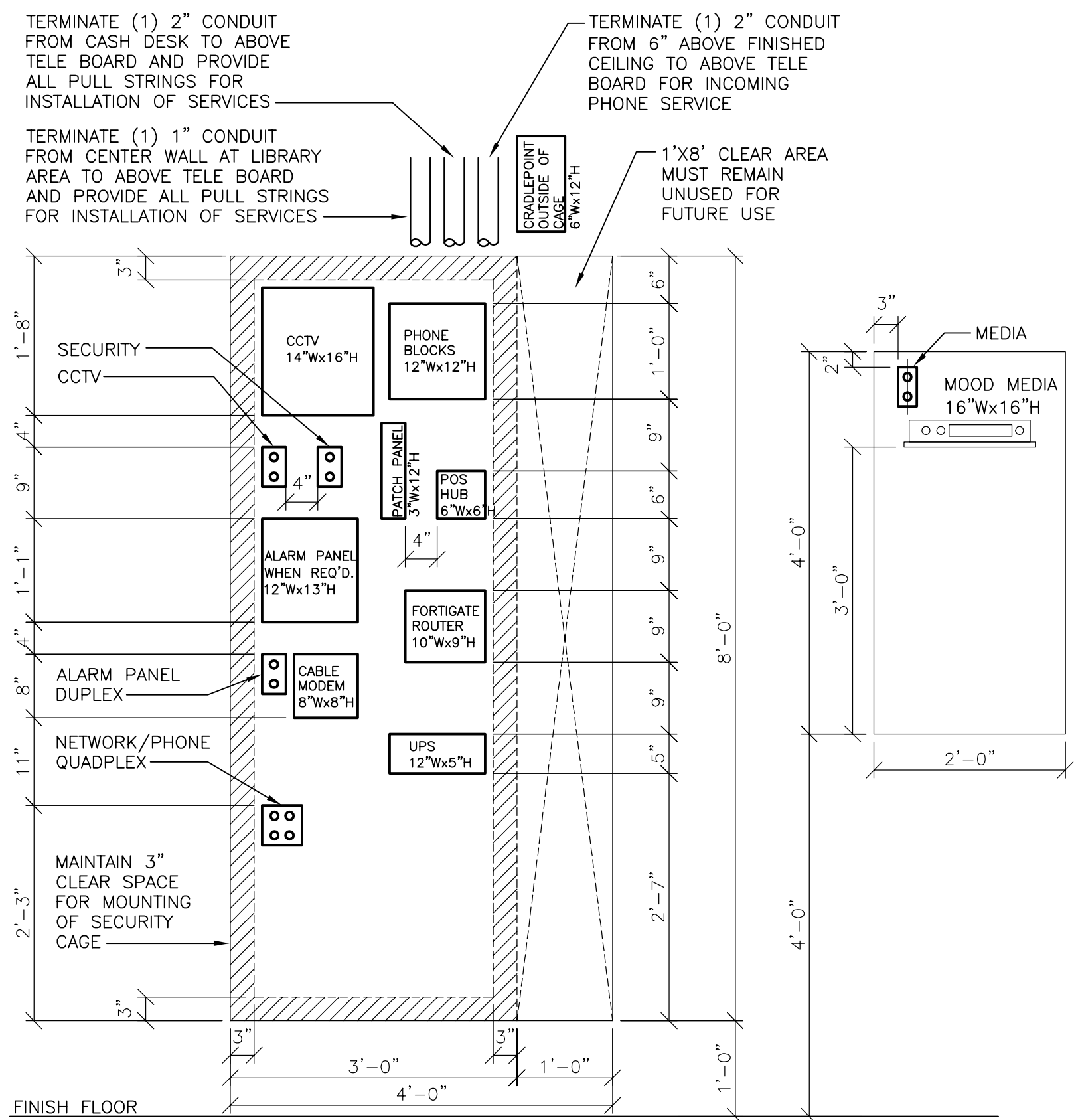
THE RESPONSIBILITY SCHEDULE ON SHEET T3.0 SUPERSEDES ALL OTHER DRAWINGS IN THE PLAN SET WHERE A CONFLICT IN SCOPE OCCURS.

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.

theVitamin Shoppe
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

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 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

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 TYPEWRITTEN 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.

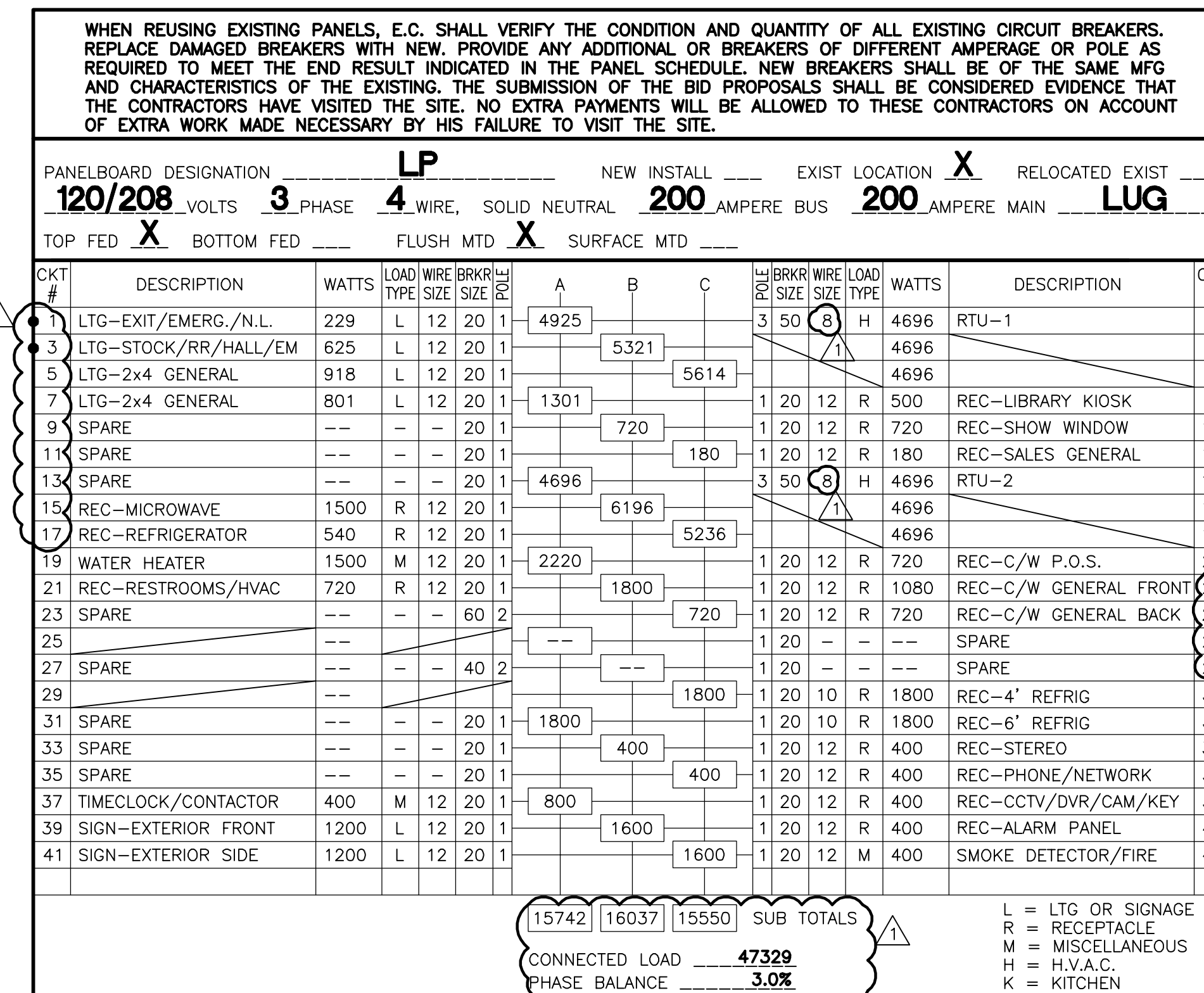
WORKMANSHIP, RESPONSIBILITY AND GUARANTEES

- 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.

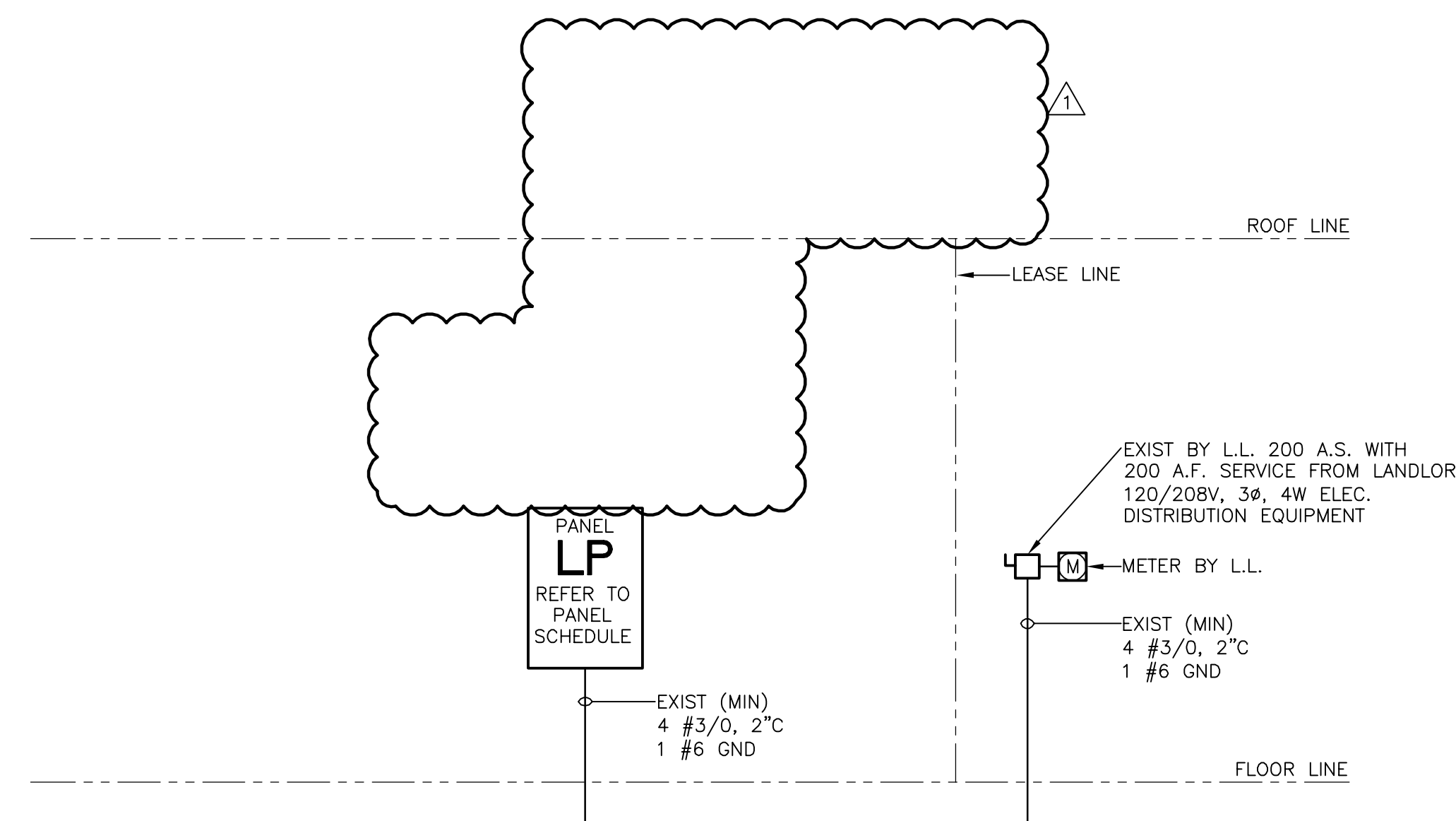
LP DEMAND		
DESCRIPTION	TOTAL WATTS	TOTAL WATTS
ACTUAL LIGHTING LOAD	2573	2573
25% CONTINUOUS LOAD	843	843
FRONT/INTERIOR SIGNS	2400	2400
25% CONTINUOUS LOAD	600	600
RECEPTACLES	1180	1180
WATER HEATER	1500	1500
MISC.	800	800
RTU-1		
COMP	6228	
IFM	2088	2088
OFM	540	
ELEC. HEAT		12000
RTU-2		
COMP	6228	
IFM	2088	2088
OFM	540	
ELEC. HEAT		12000
25% LARGEST MOTOR	1557	522
DEMAND W/ A/C LOAD	39,665w	110.2a
DEMAND W/ HTR LOAD		49,094w



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:
 06/20/16 OWNER COMMENTS

PROJECT NO. 150310
 DATE: 10/14/15
 DRAWN BY: TM
 STORE NUMBER: 404
 SCALE: AS NOTED

SALES AREA 2,420 S.F.
 NON SALES 588 S.F.

GROSS AREA 3,008 S.F.

SHEET TITLE:
SPECS/DETLs
PANELS

theVitamin Shoppe
 5463 LYONS ROAD, SUITE 'A'
 COCONUT CREEK, FL. 33073

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.

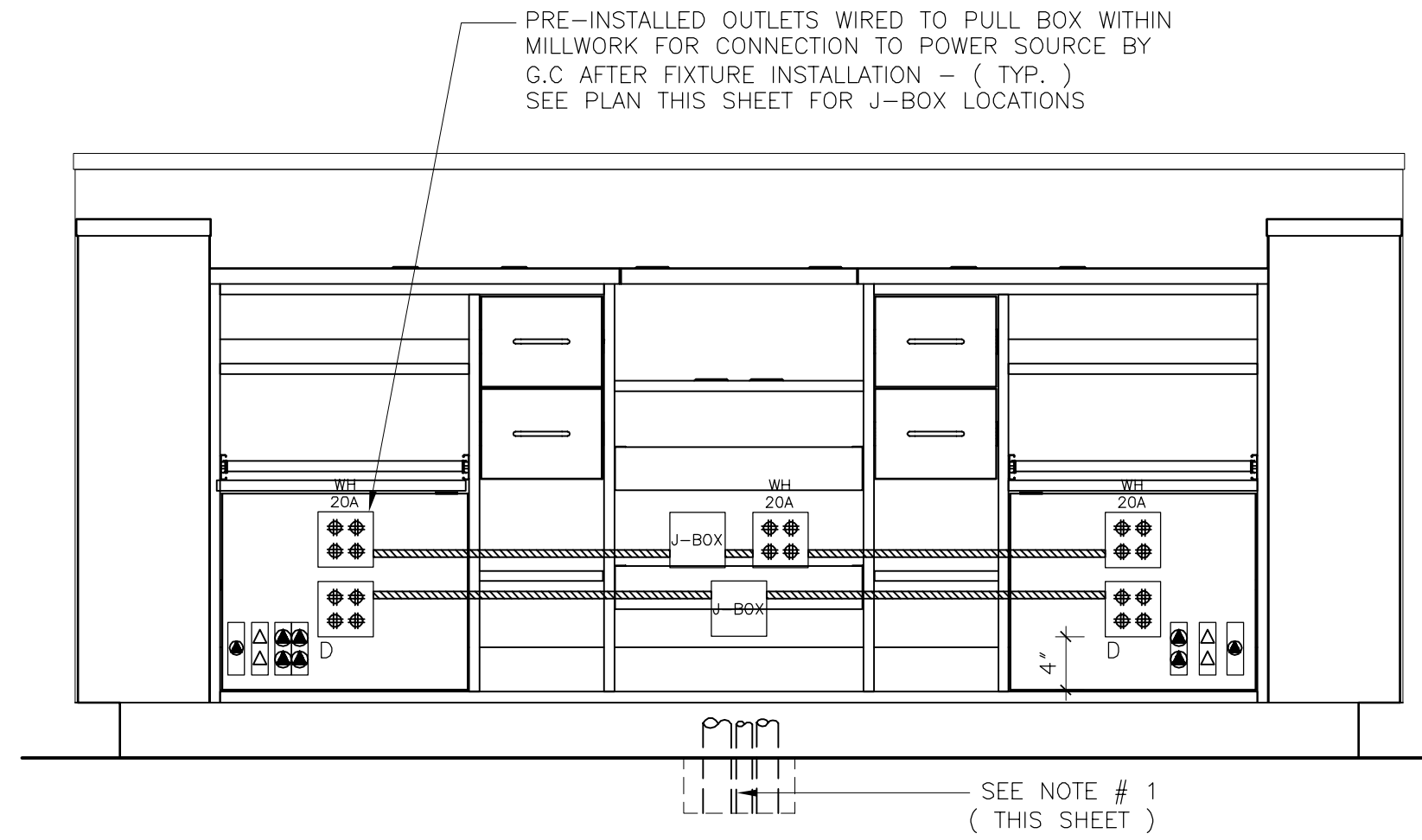
NOTES:

1. PROVIDE :

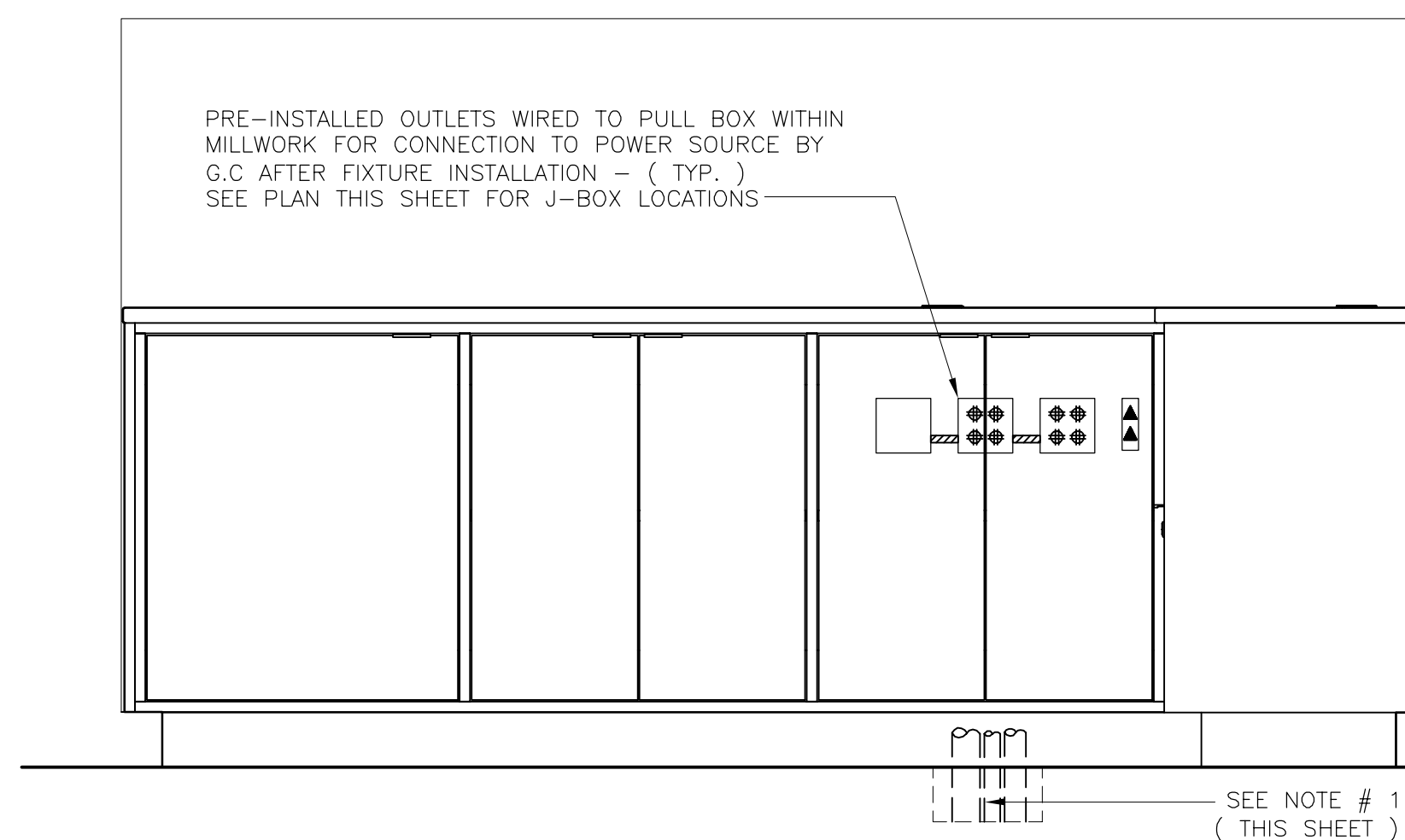
- (1) 2" FOR TENANT TELE / DATA TO FRONT AND BACKWRAP
- (1) 1" FOR FRONT WRAP AND BACK WRAP POWER
- (1) 1" FOR FUTURE USE

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).

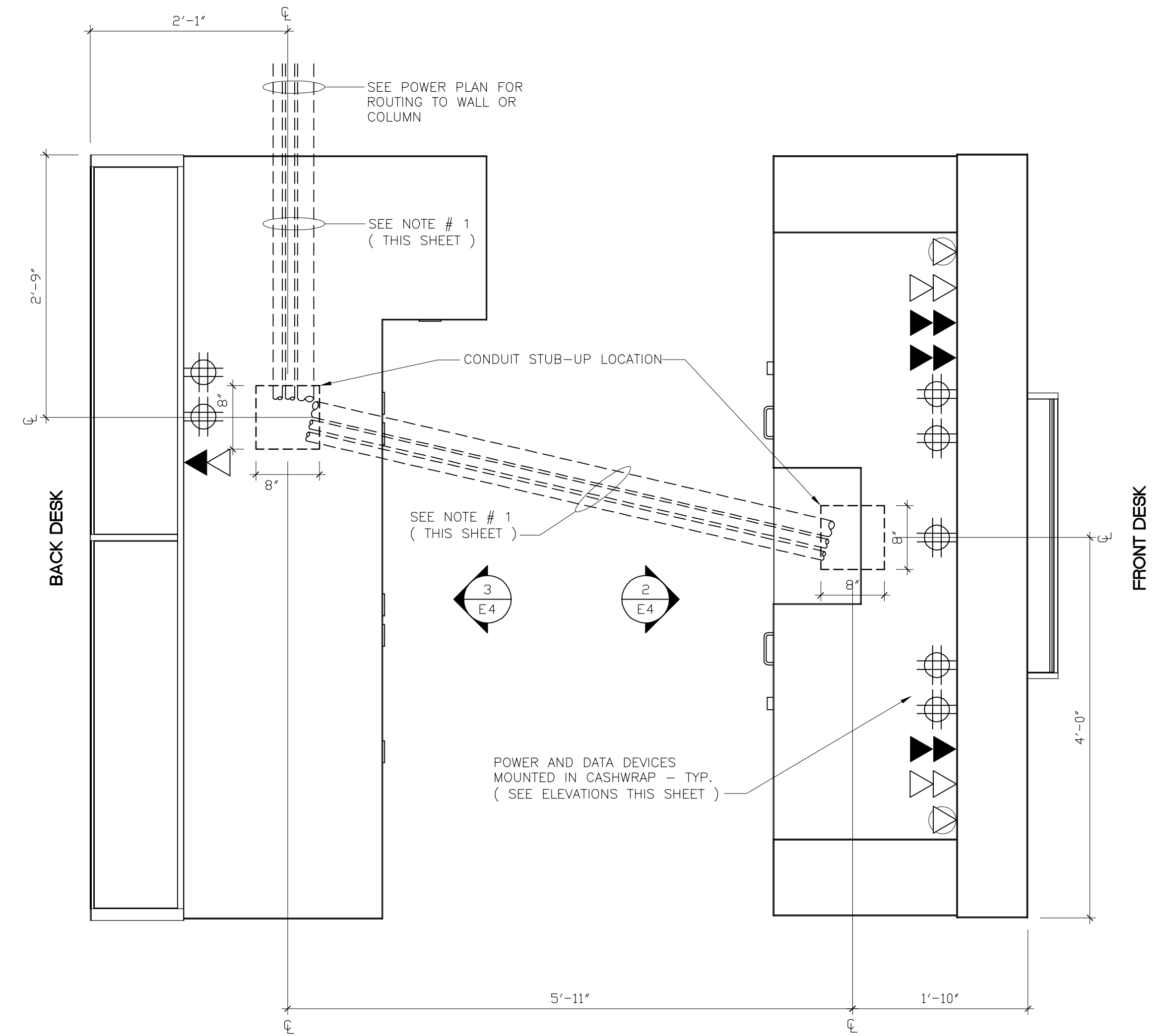


2 INTERIOR ELEVATION AT FRONT DESK
SCALE: 1" = 1'-0"

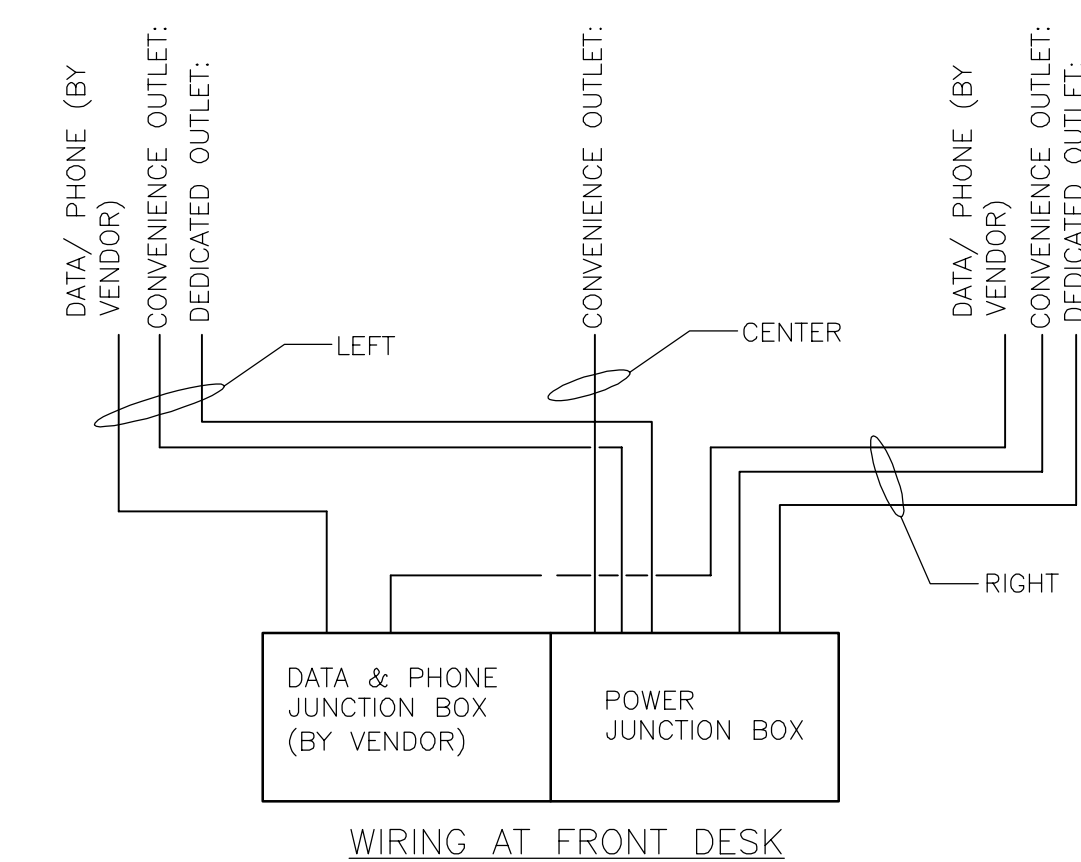
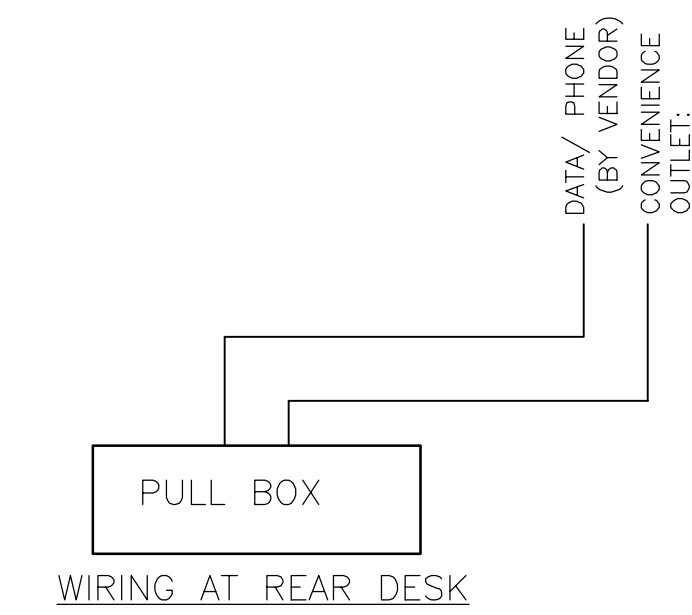


3 INTERIOR ELEVATION AT BACK DESK
SCALE: 1" = 1'-0"

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
⊗ (1) QUAD. CONVENIENCE OUTLET (2) PHONES)	⊗ (1) QUAD. CONVENIENCE OUTLET
⊗ (1) QUAD. DEDICATED OUTLETS (PRINT SERVER, REGISTER, SCANNER)	⊗ (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:

6/30/16	OWNER COMMENTS
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PROJECT NO. 150310
DATE: 10/14/15
DRAWN BY: TM
STORE NUMBER: 404
PROTO: 2016R1 PROTOTYPE SET

SALES AREA 2,420 S.F.
NON SALES 588 S.F.
GROSS AREA 3,008 S.F.

SHEET TITLE:
**CASHWRAP
DETAILS**

theVitamin Shoppe
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

SHEET NO:
E4.0

AIR DEVICE SCHEDULE							
PLAN MARK	QTY.	TITUS MODEL NO.	FACE SIZE	NECK SIZE	FLEX SIZE	TYPE	NOTES
A	11	TMS	24"x24"	10"ø	10"ø	DIFF	1,2,3
B	1	TMS	24"x24"	6"ø	6"ø	DIFF	1,2,3
C	2	TMS	12"x12"	6"ø	6"ø	DIFF	2,3
D	4	50F	24"x24"	22"x22"	14"ø	RG	2,3,4
E	2	50F	24"x24"	22"x22"	10"ø	TG	2,4
F	2	50F	24"x24"	22"x22"	8"ø	TG	2,4

* 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.

EXISTING ROOFTOP UNIT SCHEDULE (RTU-1 + RTU-2)										
MFR.	MODEL NO.	BASE UNIT WT.	UNIT SIZE	VOLTS	HZ	PH	MCA	MIN. OUTSIDE AIR CFM	TOTAL CFM	
CARRIER	50HJ-006--	465 LBS.	5 TONS	208	60	3	48.9	RTU-1 405 RTU-2 410	2000	
COOLING CAPACITY		SEER	ELEC. HEAT CAPACITY	EVAP. SIZE	COIL ROWS	EVAP. FAN MOTOR	FILTERS			
43.39 MBH	63.02 MBH	13	*12 KW	5.5 SQ.FT.	4	2.40 BHP	NO.	SIZE	TYPE	
							2	16x25x2	T/A	

EXISTING ACCESSORIES TO REMAIN. FIELD VERIFY. ENSURE IN PROPER WORKING ORDER.
 *FIELD VERIFY.

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	
— DAMPER	SD SMOKE DETECTOR	☉ AIR DEVICE TYPE
● SPRINKLER HEAD		☉ AIR VOLUME IN CUBIC FEET/MINUTE (CFM)

MECHANICAL CONTRACTOR'S NOTES

ALL OF THE MECHANICAL AND SPRINKLER 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.

DUCTWORK NOTE

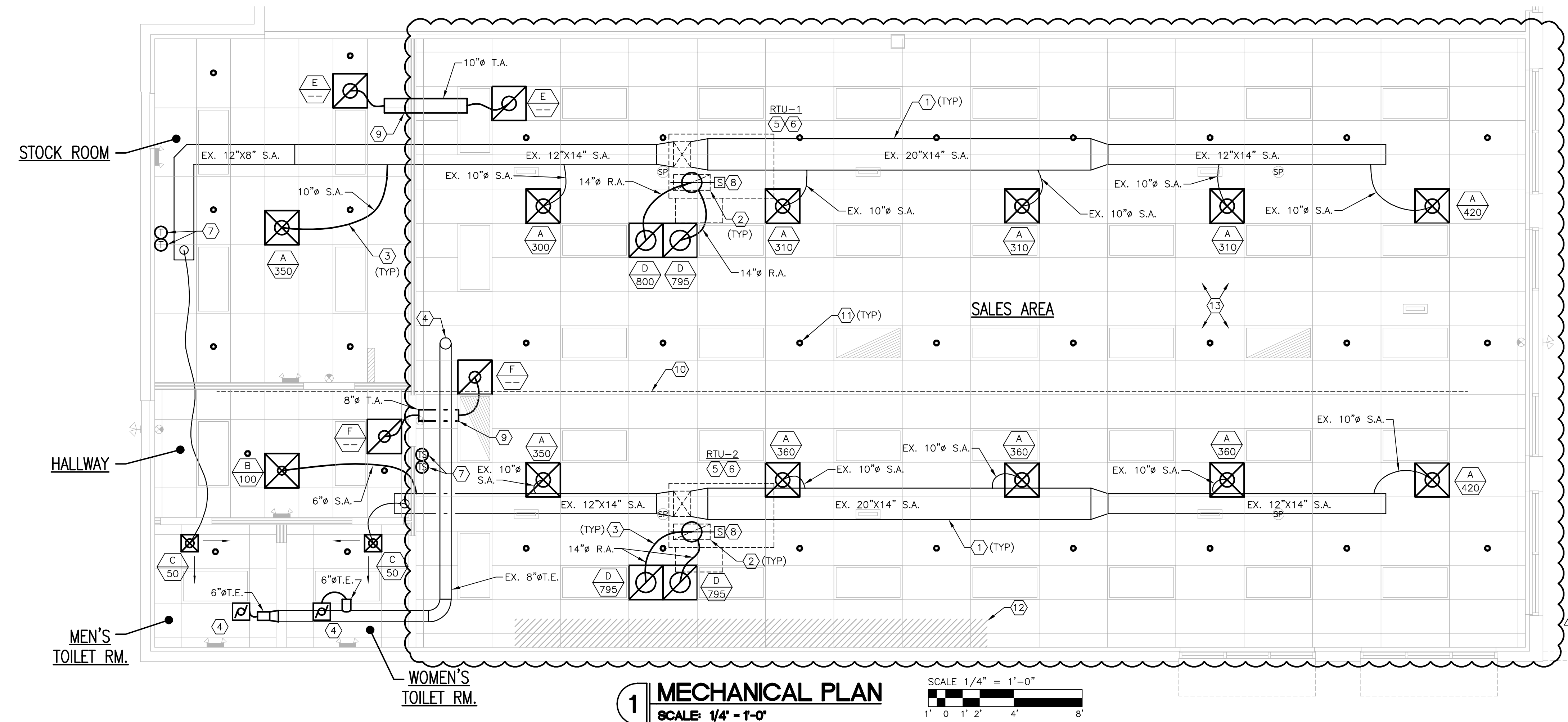
CONTRACTOR MUST LOCATE NEW DUCTWORK TO PROVIDE 9'-8" CEILING HEIGHT.

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

IMPORTANT NOTE

DUCT WORK TO BE LOCATED BETWEEN BEAMS AND THROUGH JOIST WHERE POSSIBLE TO MAINTAIN CEILING HEIGHTS MENTIONED ABOVE. AT START OF CONSTRUCTION, CONTRACTOR TO VERIFY IN FIELD STRUCTURAL ELEMENTS THAT MAY CONFLICT WITH DUCT LOCATIONS PRIOR TO BID, PURCHASING, AND INSTALLING - COORDINATE WITH VITAMIN SHOPPE'S ARCHITECT/ENGINEER IF DUCTWORK ON DRAWING IS NOT ABLE TO BE INSTALLED PER PLAN TO ENSURE CEILING HEIGHTS.

- HVAC AND SPRINKLER KEYED NOTES**
- EXISTING SUPPLY (DUCTBOARD AND FLEX) AIR DUCTWORK TO REMAIN. FIELD VERIFY EXACT SIZES, LOCATIONS AND CONDITION. REPAIR AND REPLACE ANY DAMAGED DUCTBOARD/FLEX DUCT AS REQUIRED. ANY NEW SUPPLY/RETURN DUCTWORK ADDED TO HAVE MIN R-VALUE OF R-6.
 - EXISTING RETURN AIR DUCTWORK TO REMAIN. FIELD VERIFY EXACT LOCATIONS. DUCT DIMENSIONS ARE CLEAR INTERNAL AIR PATH DIMENSIONS. PATCH/REPAIR/SEAL AIR TIGHT/REPLACE, AND PROVIDE NEW INSULATION AS REQUIRED. REFER TO SHEET M3.0 FOR ADDITIONAL INFORMATION.
 - FLEXIBLE DUCT, MAXIMUM LENGTH 5'-0" (TYPICAL) PROVIDED AND INSTALLED BY LANDLORD'S HVAC CONTRACTOR. PROVIDE SMOOTH TRANSITION AND PROPER SUPPORT PER SMACNA. REFER TO SCHEDULE FOR FLEXIBLE DUCT SIZES. EXISTING FLEX DUCT CAN BE REUSED IF ADEQUATE SIZE AND LENGTH. MODIFY TO CONNECT TO NEW DIFFUSERS/GRILLES. FIELD VERIFY.
 - 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"ø EXHAUST DUCT TO BE CONNECTED TO EXISTING 8" EXHAUST DUCT THRU ROOF. FIELD VERIFY LOCATION AND SIZE. ENSURE 10' MINIMUM DISTANCE FROM ANY FRESH AIR INTAKE; WIRE TO LIGHT CIRCUIT VIA RELAY; COORDINATE WITH ELECTRICAL CONTRACTOR.
 - EXISTING ROOFTOP UNIT TO REMAIN. LANDLORD'S HVAC CONTRACTOR IS TO CLEAN COILS, LUBRICATE MOTOR, ADJUST/REPLACE BELTS, CHANGE FILTERS, INSPECT COIL FOR LEAKS, REPLACE FILTERS AND RECHARGE REFRIGERANT. FIELD VERIFY EXACT CONDITIONS AND LOCATION PRIOR TO SUBMITTING BID. REPORT ANY DEFICIENCIES TO VITAMIN SHOPPE'S ON-SITE REPRESENTATIVE PRIOR TO MAKING REPAIRS. ADJUST UNIT TO DELIVER CFM PER SCHEDULE.
 - EXISTING CONDENSATE DRAIN ON ROOF WITH P-TRAP AND TERMINATING NEAR ROOF DRAIN TO REMAIN.
 - NEW COMMERCIAL GRADE PROGRAMMABLE THERMOSTAT (WHITE RODGERS, BLUE COMMERCIAL IF95-0680 OR EQUAL) AND REMOTE SENSORS (WHITE RODGERS F145-1328 OR EQUAL) SUPPLIED AND INSTALLED BY LANDLORD'S HVAC CONTRACTOR. COORDINATE WITH ELECTRICAL CONTRACTOR. MOUNTING HEIGHT 4'-0" AFF. 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.
 - LANDLORD'S HVAC CONTRACTOR TO ENSURE EXISTING RETURN AIR DUCT SMOKE DETECTION DEVICE. 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. IF NOT IN GOOD WORKING ORDER, LANDLORD'S HVAC CONTRACTOR TO REPLACE DUCT SMOKE DETECTOR AS REQUIRED.
 - NEW LOW PRESSURE, TRANSFER 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.
 - EXISTING 4" SPRINKLER MAIN. FIELD VERIFY EXACT SIZE AND LOCATION.
 - LANDLORD'S CONTRACTOR SHALL PROVIDE NEW SPRINKLER HEAD IN NEW CEILING. MODIFY SUPPLY PIPING AS REQUIRED. SPRINKLER HEADS TO BE LOCATED IN THE CENTER OF THE TILE.
 - FIXTURES THAT GO TO CEILING. DO NOT PUT GRILLES/DIFFUSERS/SPRINKLERS ABOVE IN THIS LOCATION. REFER TO ARCHITECTURAL SHEETS FOR EXACT LOCATION.
 - EXISTING HVAC EQUIPMENT, DUCTWORK, HANGERS, ASSOCIATED CONTROLS, ETC. NOT SCHEDULED TO BE RELOCATED OR RE-USED SHALL BE DISCONNECTED AND REMOVED FROM JOB SITE. DO NOT JUST ABANDON. FIELD VERIFY EXACT CONDITIONS AND LOCATIONS PRIOR TO SUBMITTING A BID.



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

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REGISTRATION SEAL

01K

REVISIONS:
 06/20/16 OWNER COMMENTS

PROJECT NO. 150310
 DATE: 10/14/15
 DRAWN BY: OYK
 STORE NUMBER: 404
 SCALE: AS NOTED

SALES AREA 2,420 S.F.
 NON SALES 588 S.F.
 GROSS AREA 3,008 S.F.

SHEET TITLE:
MECHANICAL PLAN

theVitamin Shoppe
 5463 LYONS ROAD, SUITE 'A'
 COCONUT CREEK, FL. 33073

SHEET NO:
M1.0

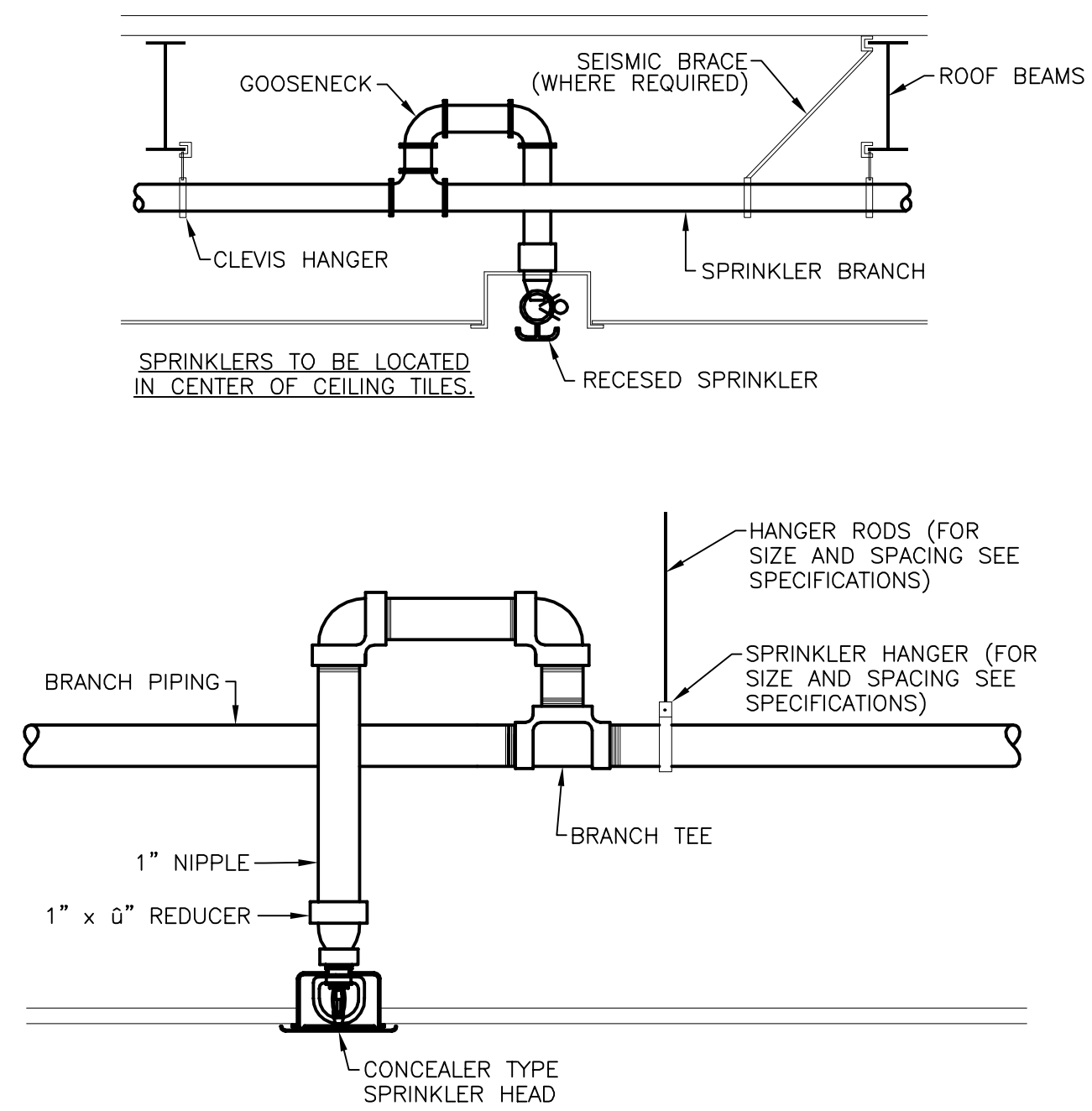
OUTSIDE AIR SCHEDULE													
DESCRIPTION	AREA (SQ. FT.)	AREA OUTDOOR AIR RATE PER IMC TABLE 403.3 (RA)	AREA OUTDOOR AIR (RaAz)	OCCUPANT LOAD RATE PER IMC TABLE 403.3 (PEOPLE/1000 SQ. FT.)	OCCUPANCY C x E/1000 (Pz)	OCCUPANT OUTDOOR AIR RATE PER IMC TABLE 403.3 (Rp)	OCCUPANT OUTDOOR AIR (RpPz)	BREATHING ZONE OUTDOOR AIR (Vbz = RpPz + RaAz)	ZONE AIR DISTRIBUTION EFFECTIVENESS (Ez)	ZONE OUTDOOR AIR (Voz = Vbz/Ez)	ZONE OUTDOOR AIR REQUIRED	SUPPLY AIR DESIGN (Vpz)	OUTDOOR AIR FRACTION (Zp = Voz/Vpz)
SALES	2324	0.12	278.9	15	35.0	7.5	262.5	541.4	0.8	676.7	752.0	3450	0.20
STOCK ROOM	299	0.12	35.9		0.0		0.0	35.9	0.8	44.9	50.0	350	0.13
HALLWAY	112	0.06	6.7		0.0		0.0	6.7	0.8	8.4	10.0	100	0.08
TOTALS	2735									730.0			
TOTAL REQUIRED OUTDOOR AIR			811	TOTAL OUTDOOR AIR PROVIDED BY HVAC UNITS			815						
CALCULATIONS BASED ON 2014 FLMC													Ev

NOTE: TOILET ROOM SQUARE FOOTAGE IS NOT INCLUDED IN THE OUTSIDE AIR AND TOTAL CFM AMOUNTS FOR THIS SCHEDULE

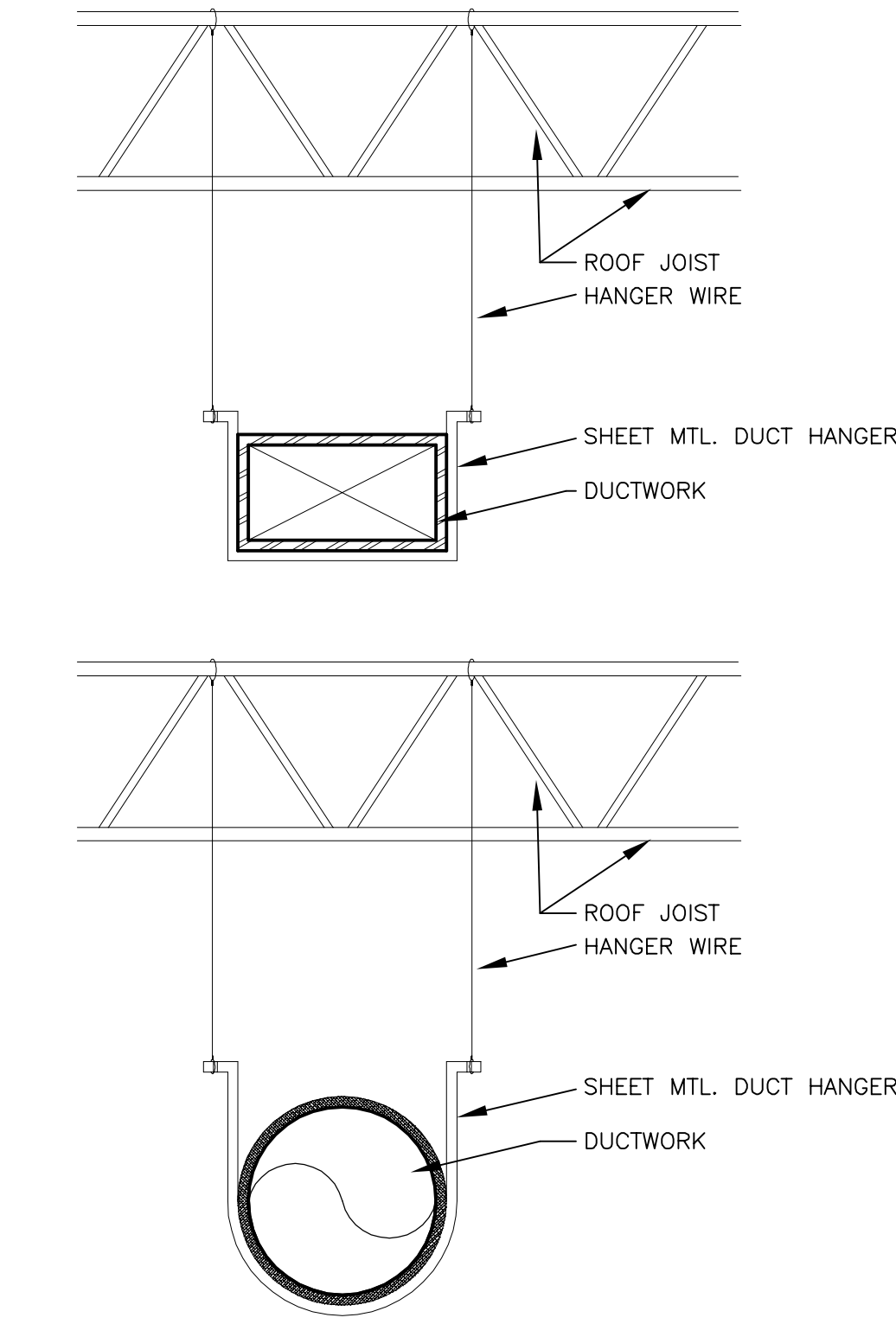
HVAC CALCULATIONS						
ZONE LOADS	DESIGN COOLING			DESIGN HEATING		
	Details	Sensible (BTU/hr)	Latent (BTU/hr)	Details	Sensible (BTU/hr)	Latent (BTU/hr)
Window & Skylight Solar Loads	411 R ²	8975	-	411 R ²	-	-
Wall Transmission	2014 R ²	1682	-	2014 R ²	2591	-
Roof Transmission	2837 R ²	19129	-	2837 R ²	8208	-
Window Transmission	411 R ²	5800	-	411 R ²	10839	-
Skylight Transmission	0 R ²	0	-	0 R ²	0	-
Door Loads	0 R ²	0	-	0 R ²	0	-
Floor Transmission	2837 R ²	0	-	2837 R ²	0	-
Partitions	0 R ²	0	-	0 R ²	0	-
Ceiling	0 R ²	0	-	0 R ²	0	-
Overhead Lighting	2223 W	5688	-	0	0	-
Task Lighting	0 W	0	-	0	0	-
Electric Equipment	709 W	2150	-	0	0	-
People	41	6862	8350	0	0	0
Infiltration	-	1592	2770	-	5183	0
Miscellaneous	-	9069	0	-	0	0
Safety Factor	0% / 0%	0	0	0%	0	0
>> Total Zone Loads	-	60947	11120	-	26820	0
Zone Conditioning	-	71671	11120	-	26610	0
Plenum Wall Load	0%	0	-	0	0	-
Plenum Roof Load	0%	0	-	0	0	-
Plenum Lighting Load	0%	0	-	0	0	-
Return Fan Load	4000 CFM	0	-	4000 CFM	0	-
Ventilation Load	815 CFM	10710	22575	815 CFM	20889	0
Supply Fan Load	4000 CFM	4448	-	4000 CFM	-4448	-
Space Fan Coil Fans	-	0	-	-	0	-
Duct Heat Gain / Loss	0%	0	-	0%	0	-
>> Total System Loads	-	86829	33695	-	43052	0
Central Cooling Coil	-	86829	33699	-	0	0
Central Heating Coil	-	0	-	-	43052	-
>> Total Conditioning	-	86829	33699	-	43052	0

Key: Positive values are clg loads
Negative values are htg loads

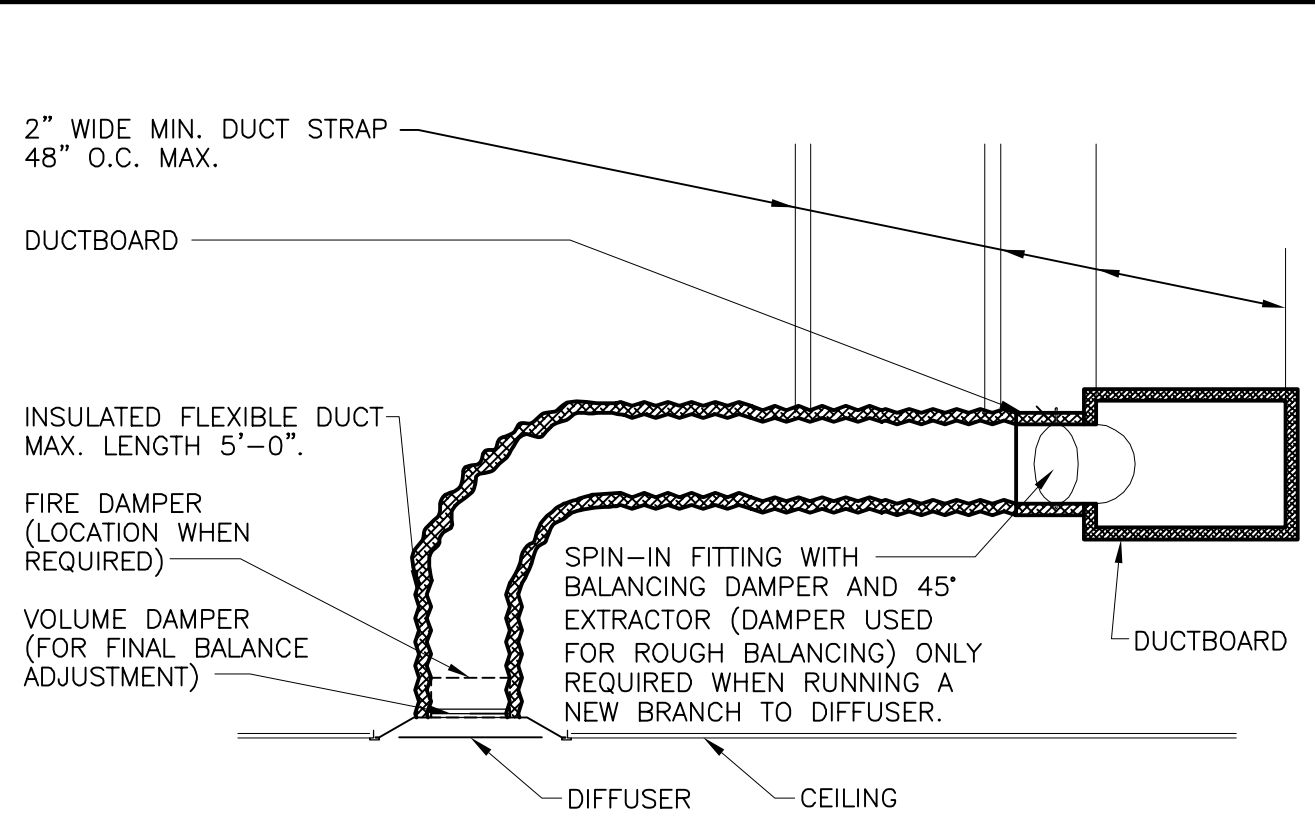
City Name	Coconut Creek
Location	Florida
Latitude	26.2 Deg.
Longitude	80.2 Deg.
Elevation	7.0 ft
Summer Design Dry-Bulb	91.0 °F
Summer Coincident Wet-Bulb	77.0 °F
Summer Daily Range	11.4 °F
Winter Design Dry-Bulb	46.0 °F
Winter Design Wet-Bulb	38.6 °F
Atmospheric Clearness Number	0.90
Average Ground Reflectance	0.20
Soil Conductivity	0.800 BTU/(hr-ft ² -°F)
Local Time Zone (GMT +/- N hours)	5.0 hours
Consider Daylight Savings Time	No
Simulation Weather Data	N/A
Current Data is	User Modified
Design Cooling Months	January to December



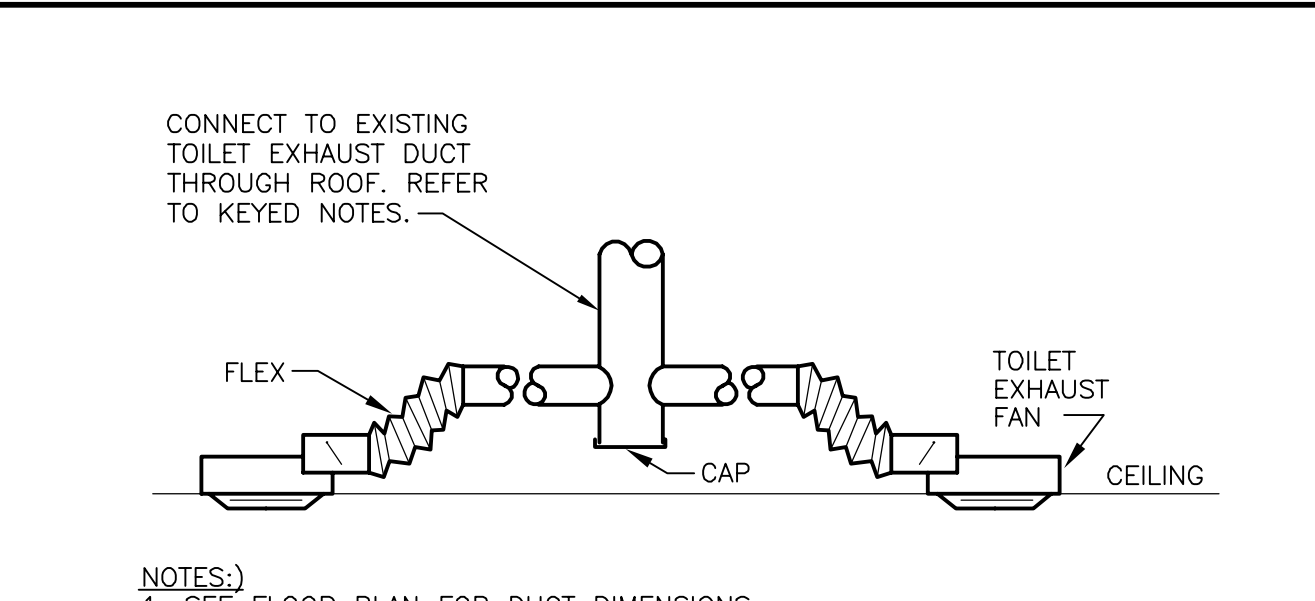
4 SPRINKLER HEAD DETAILS
SCALE: NONE



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

REV.	DATE	DESCRIPTION
01K		
02K		
03K		
04K		
05K		
06K		
07K		
08K		
09K		
10K		
11K		
12K		
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14K		
15K		
16K		
17K		
18K		
19K		
20K		

PROJECT NO. 150310
DATE: 10/14/15
DRAWN BY: OYK
STORE NUMBER: 404
SCALE: AS NOTED

SALES AREA 2,420 S.F.
NON SALES 588 S.F.

GROSS AREA 3,008 S.F.
SHEET TITLE:

MECHANICAL DETAILS

theVitamin Shoppe
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

SHEET NO:
M2.0

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. ALL PERFORMANCE OF CONSTRUCTION SHALL BE AS REQUIRED BY THE FACE 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 SO 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 TRADERS 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, ESCUTCHEONS 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

- A. EXISTING ELECTRIC HEATING/COOLING ROOFTOP UNIT TO REMAIN. REFER TO MECHANICAL PLAN FOR ADDITIONAL INFORMATION.
- 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 STENCILED 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.

E. EXHAUST FANS

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

DUCTWORK

- A. SQUARE/RECTANGULAR DUCTWORK SHALL BE CONSTRUCTED OF NEW DUCTBOARD, MATCH EXISTING TYPE. FIELD VERIFY. MIN R VALUE R-6.
- B. ROUND DUCTWORK SHALL BE CONSTRUCTED OF NEW GALVANIZED PRIME GRADE SHEET STEEL. (USED FOR TRANSFER GRILLES)
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 2.5" THICK (MINIMUM R-6) EXTERNAL ACOUSTICAL AND THERMAL INSULATION. ONLY REQUIRED ON NEW DUCTWORK
- 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. A 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 GUIDING (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 IT 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.

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. APPROVALS FROM SAME. ADDITIONALLY, THE FIRE PROTECTION CONTRACTOR SHALL PAY FOR ANY LABOR, MATERIALS, AND FEES NECESSARY FOR SHUTDOWN.

- 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.

SPRINKLER SYSTEM
A. SHOP DRAWINGS – THE SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE TENANT'S LANDLORD AND TO THE APPROPRIATE AUTHORITIES AND INSURANCE UNDERWRITER FOR THEIR APPROVAL. A COPY OF THE APPROVAL LETTER FROM THESE AUTHORITIES SHALL BE FORWARDED TO THE TENANT, LANDLORD AND DESIGN ARCHITECT.

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.

FIRE PROTECTION CONTRACTOR'S NOTES

1. FIRE PROTECTION CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING AND FULLY FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS. ANY DEVIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS AND ACTUAL EXISTING CONDITIONS SHALL BE PROMPTLY BROUGHT TO THE ATTENTION OF THE TENANT'S PROJECT MANAGER FOR CLARIFICATION. BID SHALL INCLUDE ALL COSTS DUE TO EXISTING CONDITIONS.
2. FIRE PROTECTION CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LANDLORD SPECIFIC DESIGN AND INSTALLATION REQUIREMENTS, AND SHALL INCLUDE ALL COSTS DUE TO THOSE REQUIREMENTS IN THE BASE BID.
3. FIRE PROTECTION CONTRACTOR SHALL DESIGN AND INSTALL A COMPLETE HYDRAULICALLY CALCULATED WET PIPE SPRINKLER SYSTEM FOR THE ENTIRE DEMISED SPACE INDICATED HEREIN THESE DOCUMENTS. THE SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA-13 FOR ORDINARY HAZARD OCCUPANCY, PROVIDING A MINIMUM SPRINKLER DENSITY OF .20 GPM OVER THE MOST REMOTE 1500 SQ.FT. OF FLOOR AREA.
4. FIRE PROTECTION CONTRACTOR SHALL PREPARE AND FILE SPRINKLER SHOP DRAWINGS AND HYDRAULIC CALCULATIONS WITH THE LANDLORD, THE LANDLORD'S INSURANCE RATING AGENCY, THE ARCHITECT, AND ALL STATE, LOCAL AND MUNICIPAL AUTHORITIES IN JURISDICTION, AND SHALL RECEIVE ALL NECESSARY APPROVALS PRIOR TO COMMENCEMENT OF ANY INSTALLATION WORK.
5. REMOVE OR RELOCATE EXISTING SPRINKLER HEADS AND FURNISH AND INSTALL NEW AS PER NFPA-13 RECOMMENDATIONS, TO PROVIDE ADEQUATE COVERAGE OF THE ENTIRE DEMISED PREMISES.
6. SPRINKLER HEAD SPACING SHALL NOT EXCEED 130 SQ.FT. PER HEAD.
7. NEW SPRINKLER HEADS SHALL BE APPROVED STANDARD TYPES, PENDANT AND UPRIGHT, AND DESIGNED FOR ORDINARY HAZARD COVERAGE. CHROME PLATED "GRINNELL", "VIKING", "STAR" OR EQUAL. SEE PLANS FOR SPRINKLER HEAD TYPES.
8. ALL SPRINKLER WORK SHALL COMPLY WITH ALL NFPA-13 RECOMMENDATIONS, AND SHALL BE PERFORMED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE LANDLORD, LOCAL FIRE RATING ORGANIZATION, FIRE AND/OR BUILDING DEPARTMENTS AND ALL AUTHORITIES IN JURISDICTION.
9. ALL SPRINKLER SYSTEM WORK SHALL BE SUBJECT TO THE ACCEPTANCE AND APPROVAL OF THE LANDLORD'S INSURORS AND SHALL BE DESIGNED TO SECURE THE BEST POSSIBLE INSURANCE RATES ON THE BUILDING AND IT'S CONTENTS.
10. FIRE PROTECTION CONTRACTOR SHALL FILE FOR, OBTAIN, AND PAY FOR ALL REQUIRED PERMITS AND INSPECTIONS.
11. FIRE PROTECTION CONTRACTOR SHALL ARRANGE FOR ANY SHUTDOWNS OF THE EXISTING SYSTEM WITH THE LANDLORD AND LOCAL FIRE DEPARTMENT REPRESENTATIVE, AND SHALL SECURE IN WRITING PRIOR TO SHUTDOWN. APPROVALS FROM SAME. ADDITIONALLY, THE FIRE PROTECTION CONTRACTOR SHALL PAY FOR ANY LABOR, MATERIALS, AND FEES NECESSARY FOR SHUTDOWN.
12. FIRE PROTECTION CONTRACTOR SHALL CAREFULLY EXAMINE ALL EXISTING SPRINKLER SYSTEM PIPING AND COMPONENTS, AND SHALL REPAIR OR REPLACE ANY LEAKING OR DEFECTIVE PIPING OR COMPONENTS.
13. SPRINKLER PIPE MATERIAL AND INSTALLATION SHALL MATCH EXISTING.
14. FIRE PROTECTION CONTRACTOR SHALL PROVIDE ALL REQUIRED TEST AND DRAIN CONNECTIONS, WHETHER OR NOT THEY ARE INDICATED HEREON THESE PLANS.
15. FIRE PROTECTION CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY ALARM INITIATING DEVICES AND SUPERVISORY DEVICES, AND SHALL COORDINATE THE ELECTRICAL REQUIREMENTS FOR THEM WITH THE E.C. AND/OR FIRE ALARM CONTRACTOR FOR THEIR CONNECTION TO THE FIRE ALARM SYSTEM.
16. FIRE PROTECTION CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES TO ANY PORTION OF THE EXISTING SPRINKLER SYSTEM ON ANY PORTION OF THE BUILDING INCURRED BY HIM DURING CONSTRUCTION.
17. UPON COMPLETION OF THE INSTALLATION, FIRE PROTECTION CONTRACTOR SHALL DEMONSTRATE TO THE SATISFACTION OF THE AUTHORITIES IN JURISDICTION AND THE LANDLORD'S INSURANCE UNDERWRITERS, THE OPERATION OF THE ENTIRE PROTECTION SYSTEM, INCLUDING ALL ALARM INITIATING DEVICES AND SYSTEM SUPERVISORY DEVICES.

REGISTRATION SEAL

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ST. LOUIS, MO 63146

REGISTRATION SEAL

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REVISIONS:
6/27/16 OWNER COMMENTS

PROJECT NO.	150310
DATE:	10/14/15
DRAWN BY:	OYK
STORE NUMBER:	404
PROTO:	2016R1 PROTOTYPE SET
SALES AREA	2,420 S.F.
NON SALES	588 S.F.
GROSS AREA	3,008 S.F.
SHEET TITLE:	

MECHANICAL SPECS.

5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

MECHANICAL SPECS.

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PLUMBING FIXTURE SCHEDULE										
FIXTURE	QTY.	FIXTURE DATA				CONNECTION DATA				REMARKS
		MFG.	CATALOG NO.	COLOR	SOIL SIZE	VENT SIZE	TRAP	WATER		
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.
WATER CLOSET	1	AMERICAN STANDARD	4142.801 3483.100 CADET	WHITE	4"	2"	2"	1/2"	---	1.1 GPF, 16-1/2" HIGH, PRESSURE ASSISTED, RIGHT HANDED TRIP LEVER, "RISE AND SHINE" OPEN FRONT SEAT (MODEL#5325.024), FLUSH HANDLE ON WIDE SIDE OF TANK.
LAVATORY	2	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.
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

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

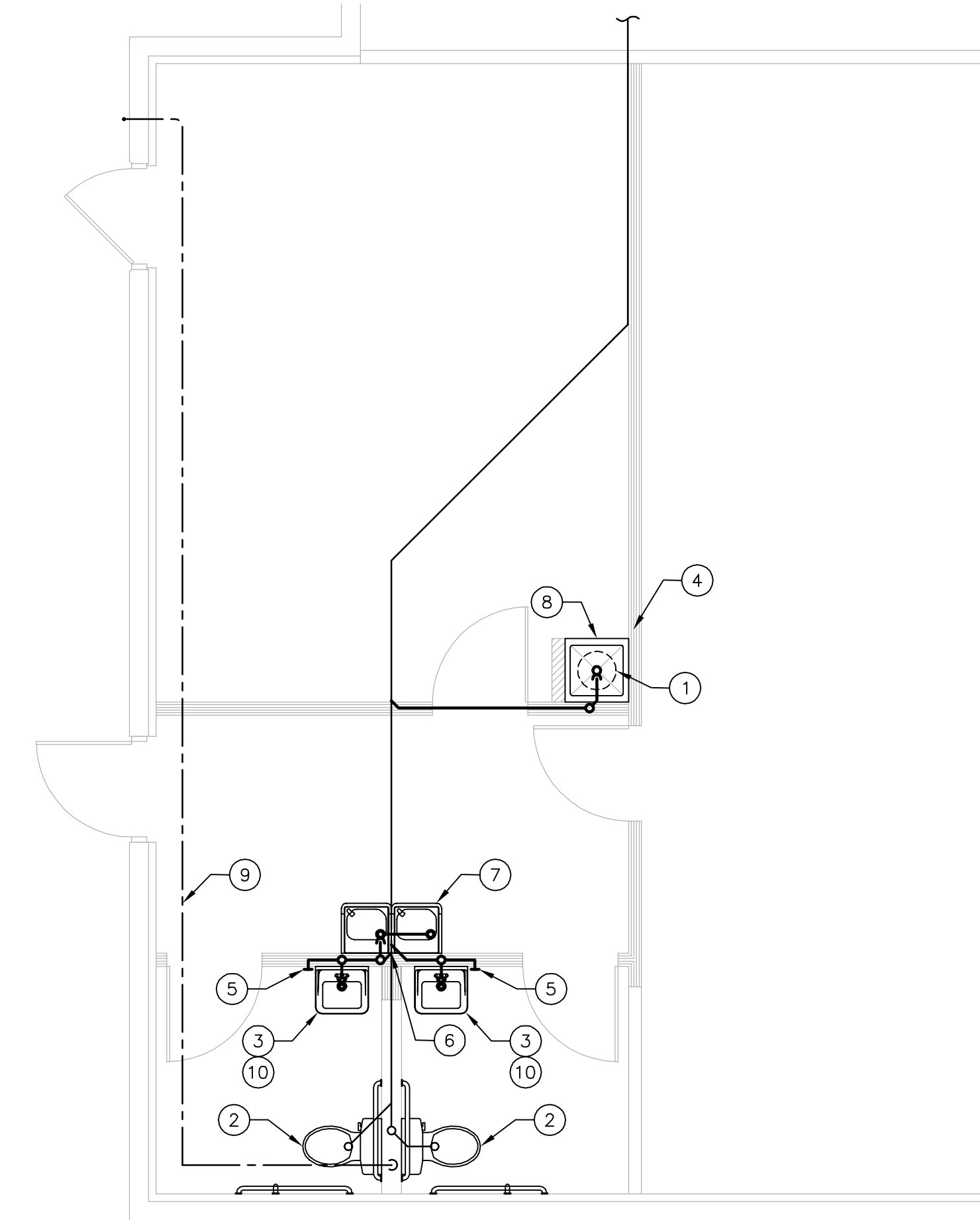
PLUMBING FIXTURE CALCULATIONS							
PLUMBING FIXTURE	SANITARY FIXTURE QUANTITY	SANITARY FIXTURE UNIT EA.	SANITARY FIXT. UNIT TOTAL	VENT SIZE EACH	C.W. F.U. EACH	C.W. F.U. TOTAL	
WATER CLOSET	2	4	8	2"	5	10	
LAVATORY	2	1	2	1 1/2"	2	4	
MOP SINK	1	2	2	2"	3	3	
HI-LO DRINKING FOUNTAIN	1	0.5	0.5	1 1/2"	0.25	0.25	
TOTALS						17.25	
				SAN.	VENT	C.W.	
SERVICE CONNECTION SIZE				3"	3"	3/4"	

PLUMBING SYMBOLS			
— SAN. —	SANITARY SEWER LINE	Ⓡ	REMOTE READER
— V —	VENT LINE	T.P.R.V.	TEMPERATURE PRESSURE RELIEF VALVE
— C —	COLD WATER SUPPLY LINE	P.O.C.	POINT OF CONNECTION
— H —	HOT WATER SUPPLY LINE	LAV.	LAVATORY
— X —	SHUT-OFF VALVE	W.C.	WATER CLOSET
— B —	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

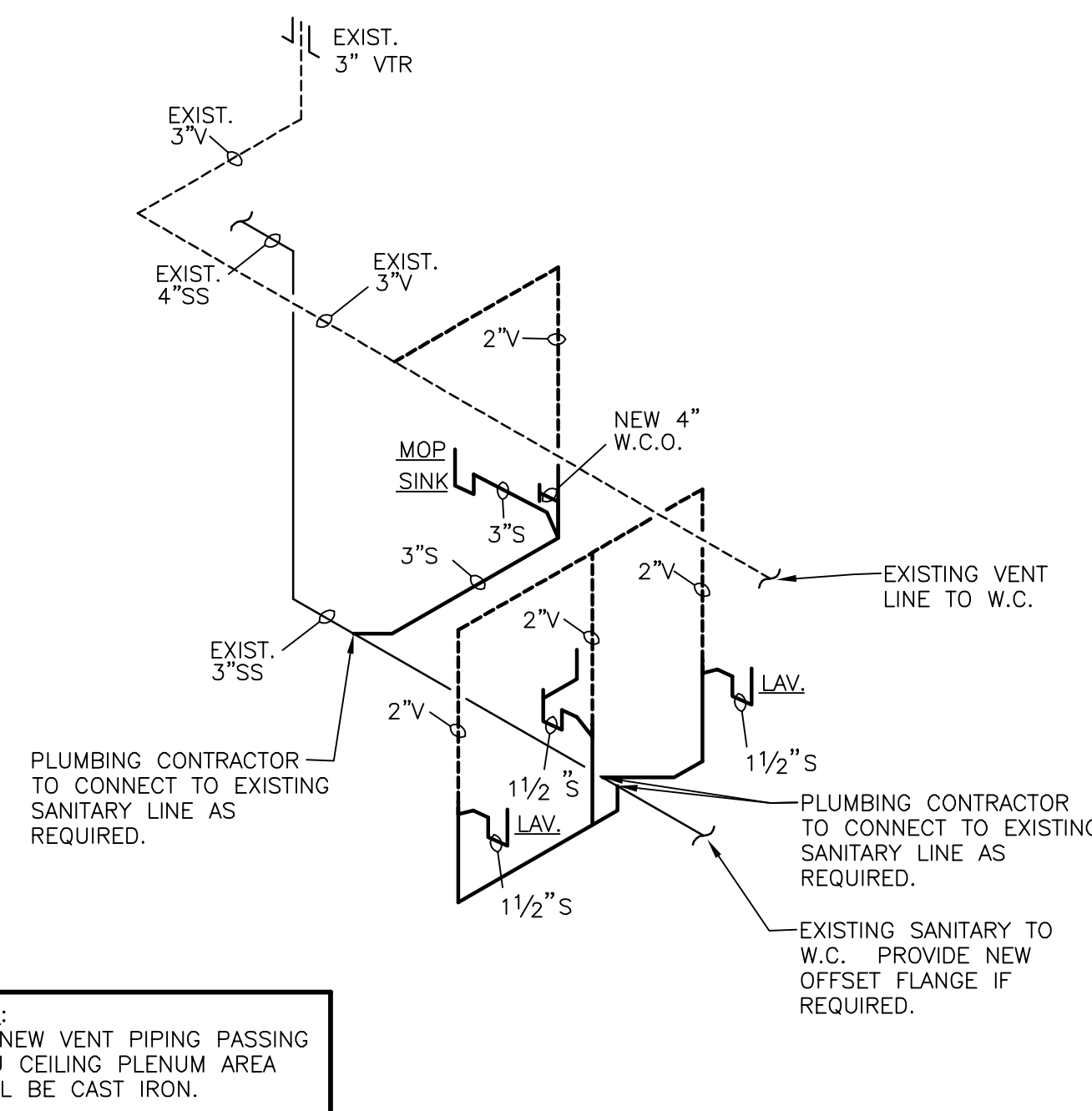
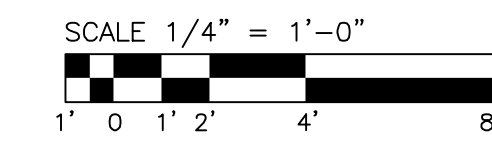
- ### PLUMBING KEYED NOTES
- NEW 10-GALLON ELECTRIC WATER HEATER SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SCHEDULE AND RISER DIAGRAMS FOR ADDITIONAL INFORMATION. COORDINATE WITH ELECTRICAL CONTRACTOR.
 - NEW HANDICAPPED WATER CLOSET SUPPLIED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR AT EXISTING WATER CLOSET LOCATION TO BE REMOVED. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
 - NEW HANDICAPPED LAVATORY SUPPLIED AND INSTALLED BY PLUMBING LANDLORD'S CONTRACTOR. REFER TO SCHEDULE FOR ADDITIONAL INFORMATION.
 - EXISTING 3" VENT THRU ROOF. ENSURE MINIMUM 10FT AWAY FROM ANY FRESH AIR INTAKE. FIELD VERIFY EXACT LOCATION AND SIZE.
 - NEW WALL CLEAN OUT PROVIDED AND INSTALLED BY LANDLORD'S PLUMBING CONTRACTOR. REFER TO SANITARY RISER DIAGRAM, SCHEDULE, AND DETAIL FOR ADDITIONAL INFORMATION.
 - LANDLORD'S PLUMBING CONTRACTOR TO CONNECT NEW SANITARY PIPING TO EXISTING 3" 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.
 - EXISTING 3/4" COLD WATER PIPING ABOVE CEILING. FIELD VERIFY EXACT SIZE AND 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.

PLUMBING CONTRACTOR'S NOTES

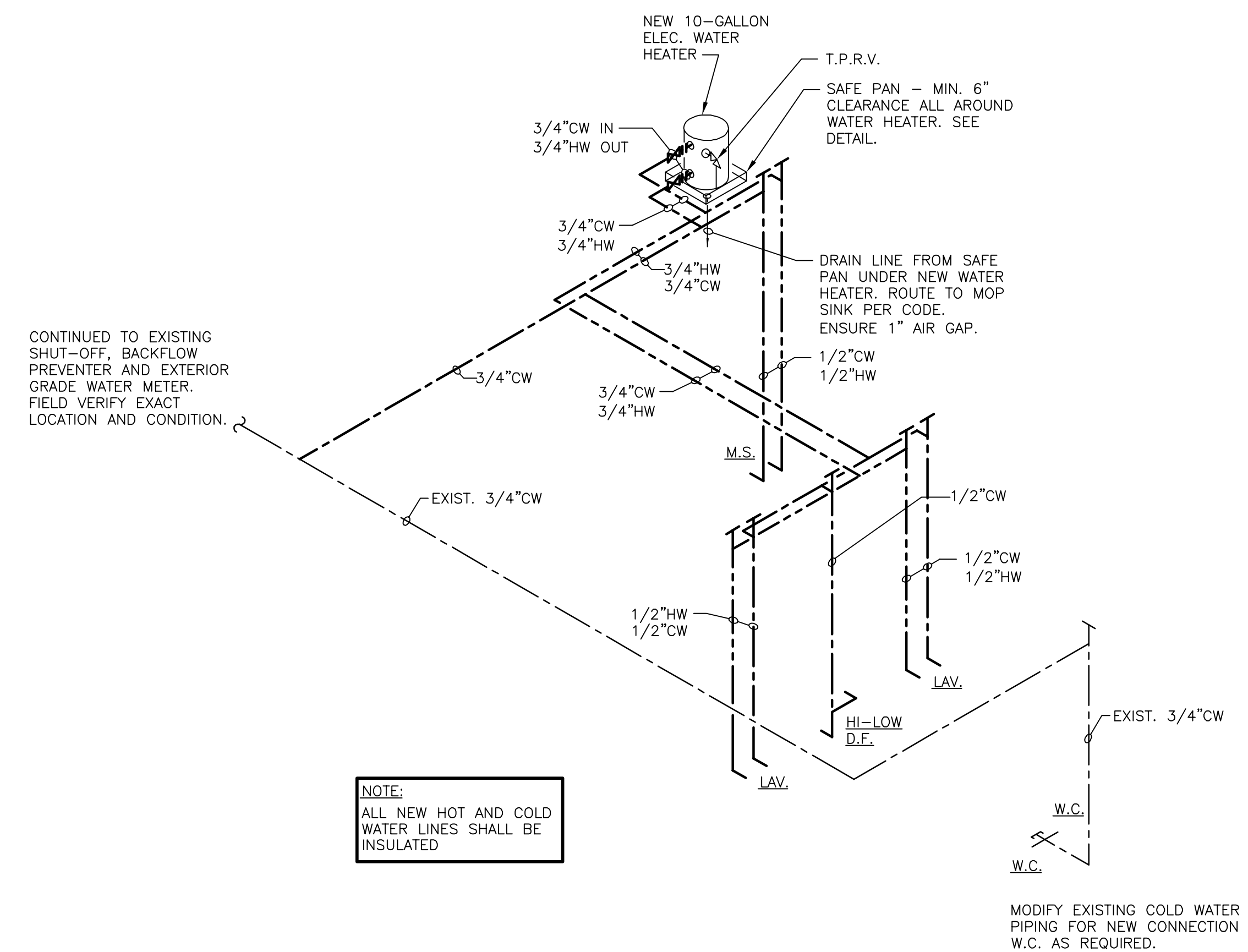
ALL OF THE PLUMBING/PIPING WORK IS NOT NECESSARILY SHOWN OR NOTED ON THESE DRAWINGS. THE CONTRACTORS SHALL VISIT THE JOB SITE AND FIELD VERIFY ALL EXISTING CONDITIONS RELATED TO THE WORK PRIOR TO BIDDING. THOSE ITEMS NOT SHOWN OR NOTED BUT WHICH ARE DEEMED NECESSARY FOR REMOVAL OR RELOCATION BY OWNER 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.



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



3 SANITARY RISER DIAGRAM
SCALE: NONE



2 WATER RISER DIAGRAM
SCALE: NONE

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REGISTRATION SEAL

REVISIONS	DATE	OWNER COMMENTS

PROJECT NO. 150310
DATE: 10/14/15
DRAWN BY: OYK
STORE NUMBER: 404
PROTO: 2016R1 PROTOTYPE SET

SALES AREA 2,420 S.F.
NON SALES 588 S.F.
GROSS AREA 3,008 S.F.

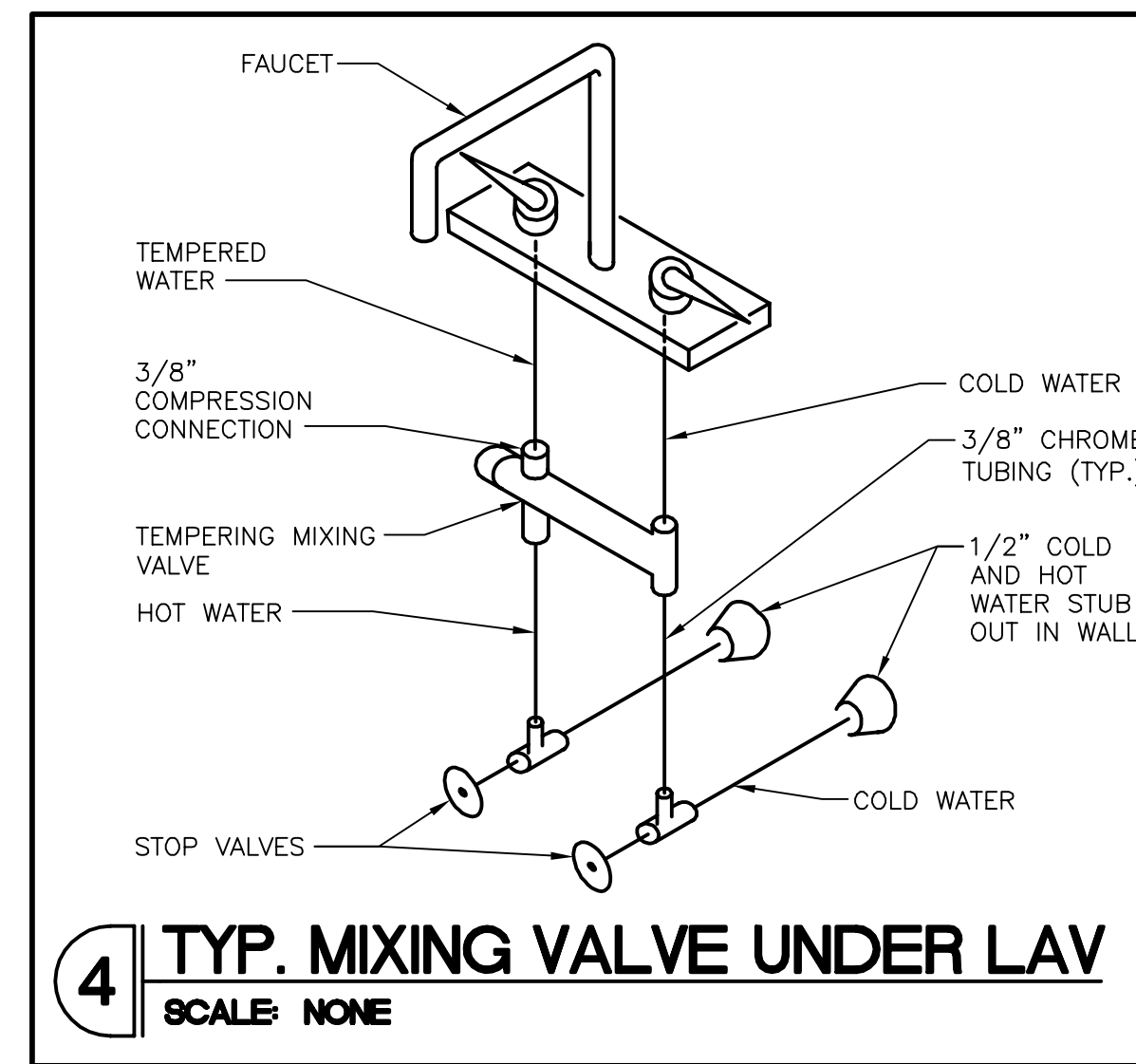
SHEET TITLE:

PLUMBING PLAN

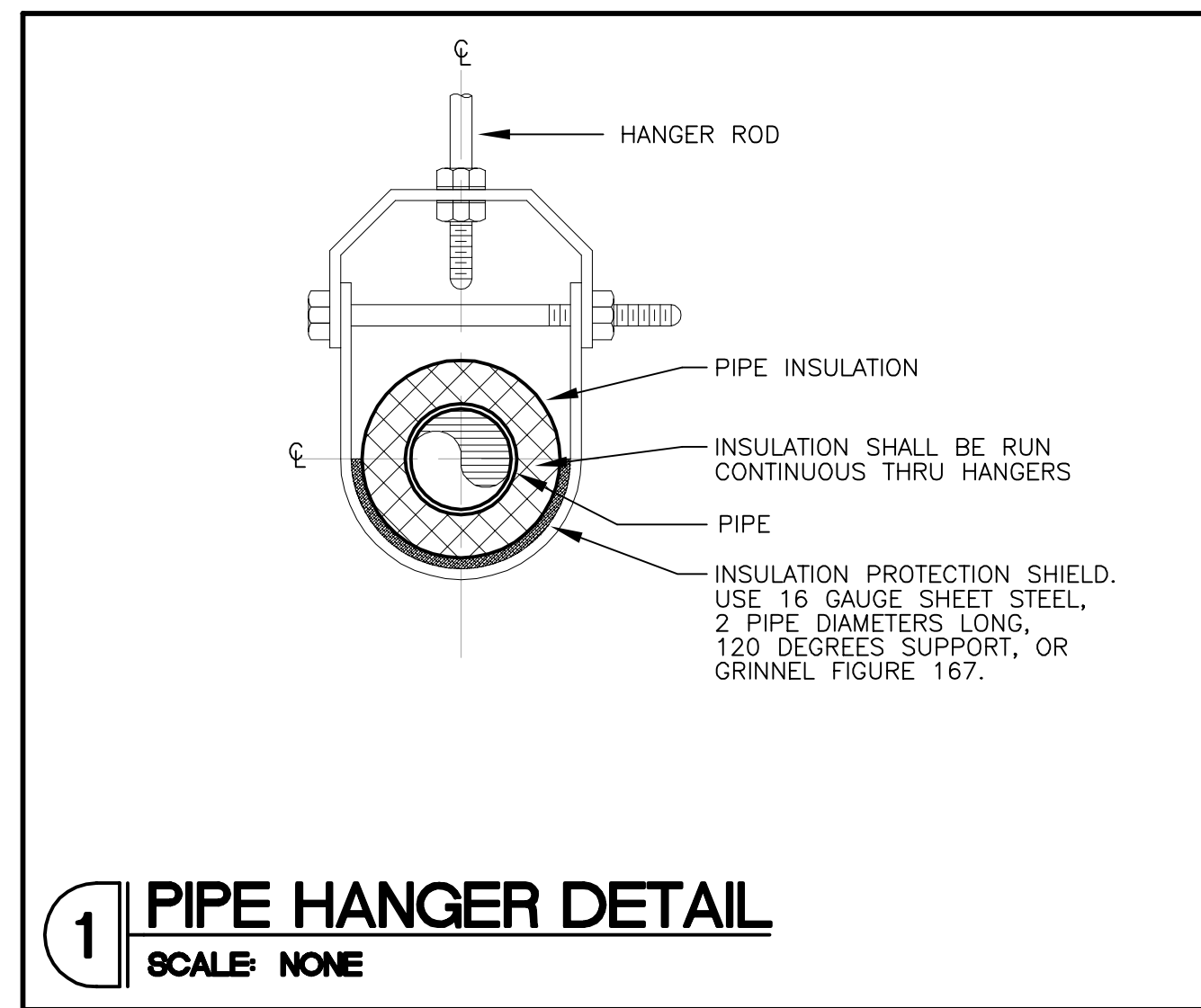
theVitamin Shoppe
5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33013

SHEET NO:

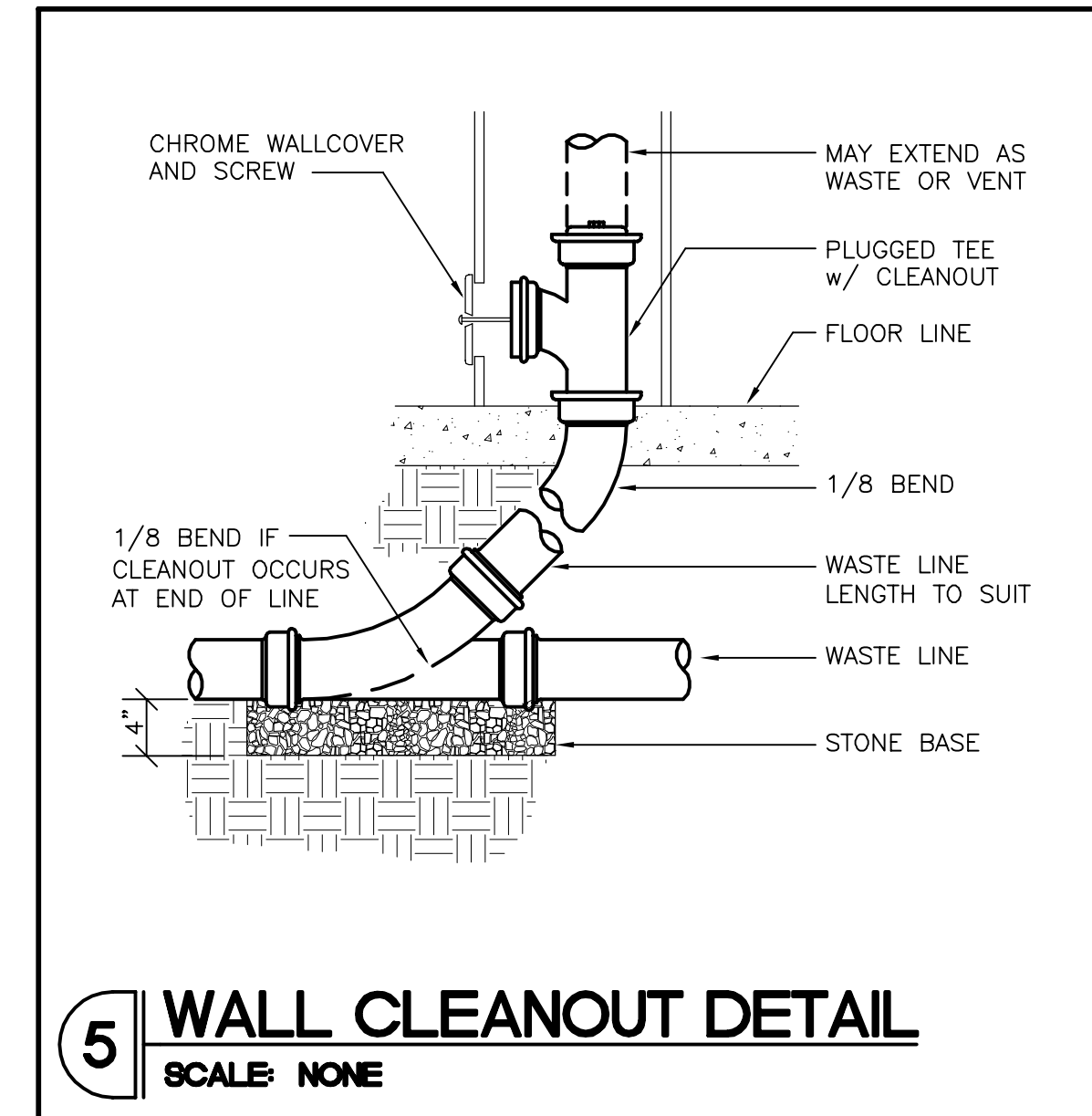
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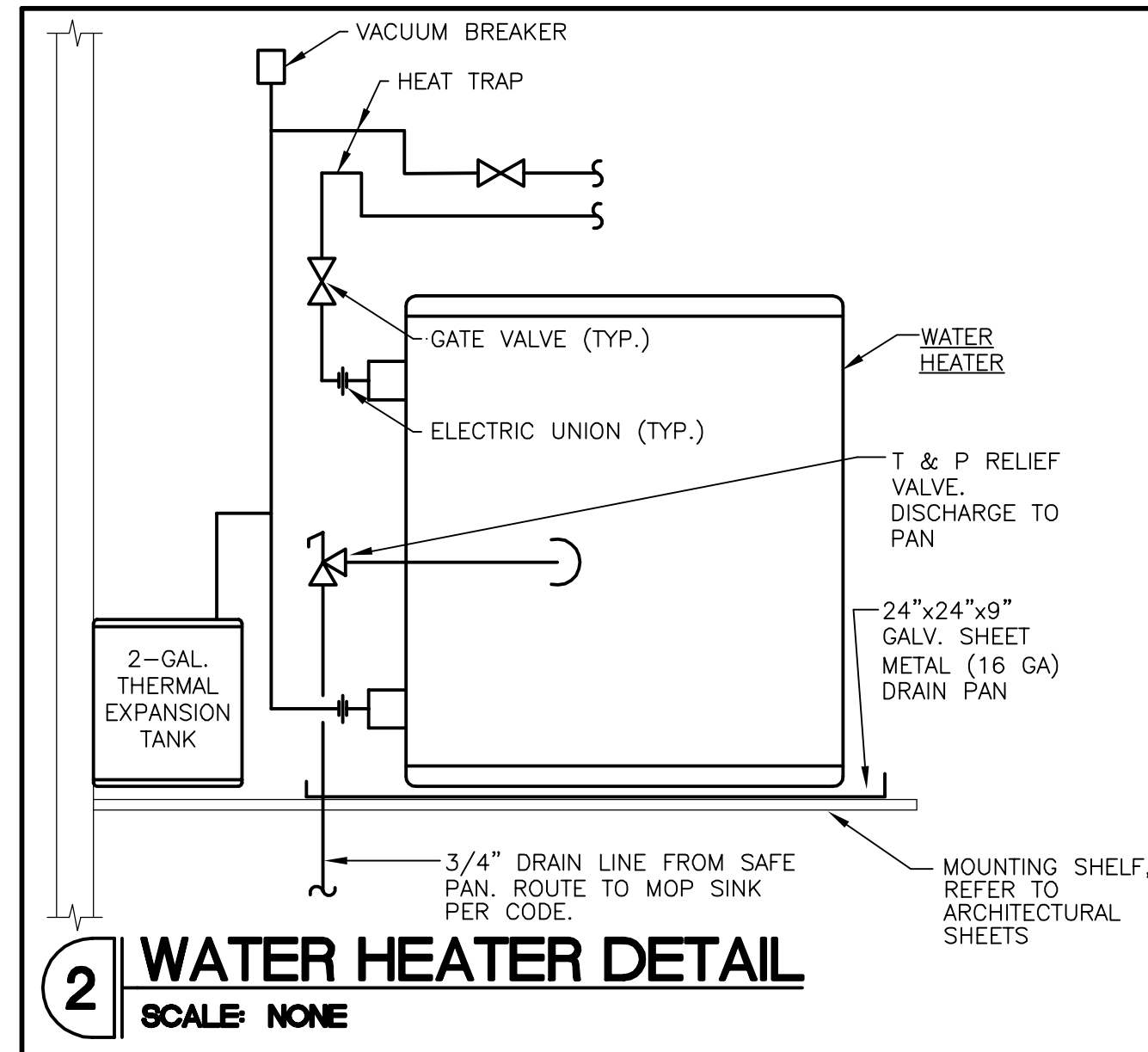
4 TYP. MIXING VALVE UNDER LAV
SCALE: NONE



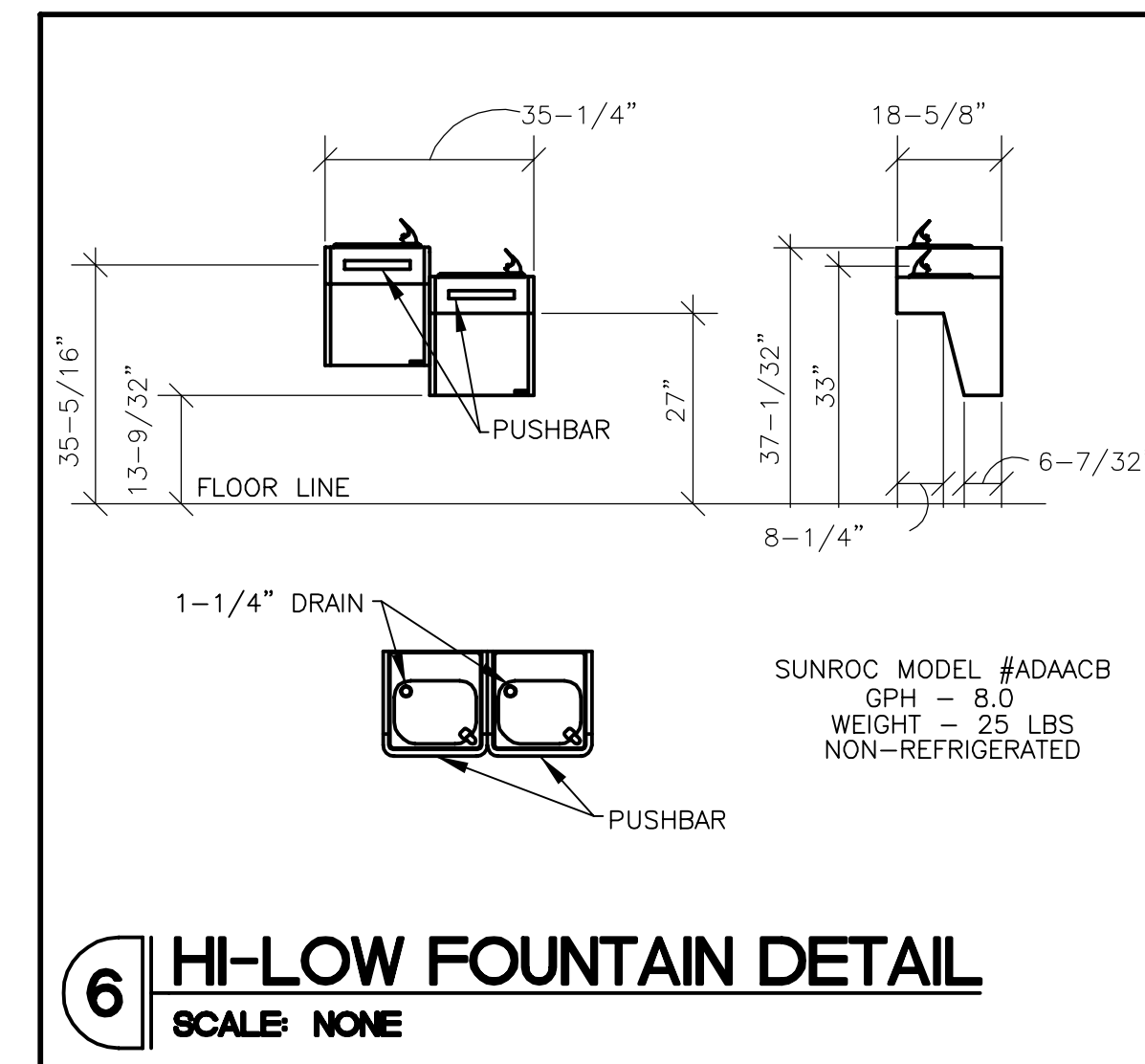
1 PIPE HANGER DETAIL
SCALE: NONE



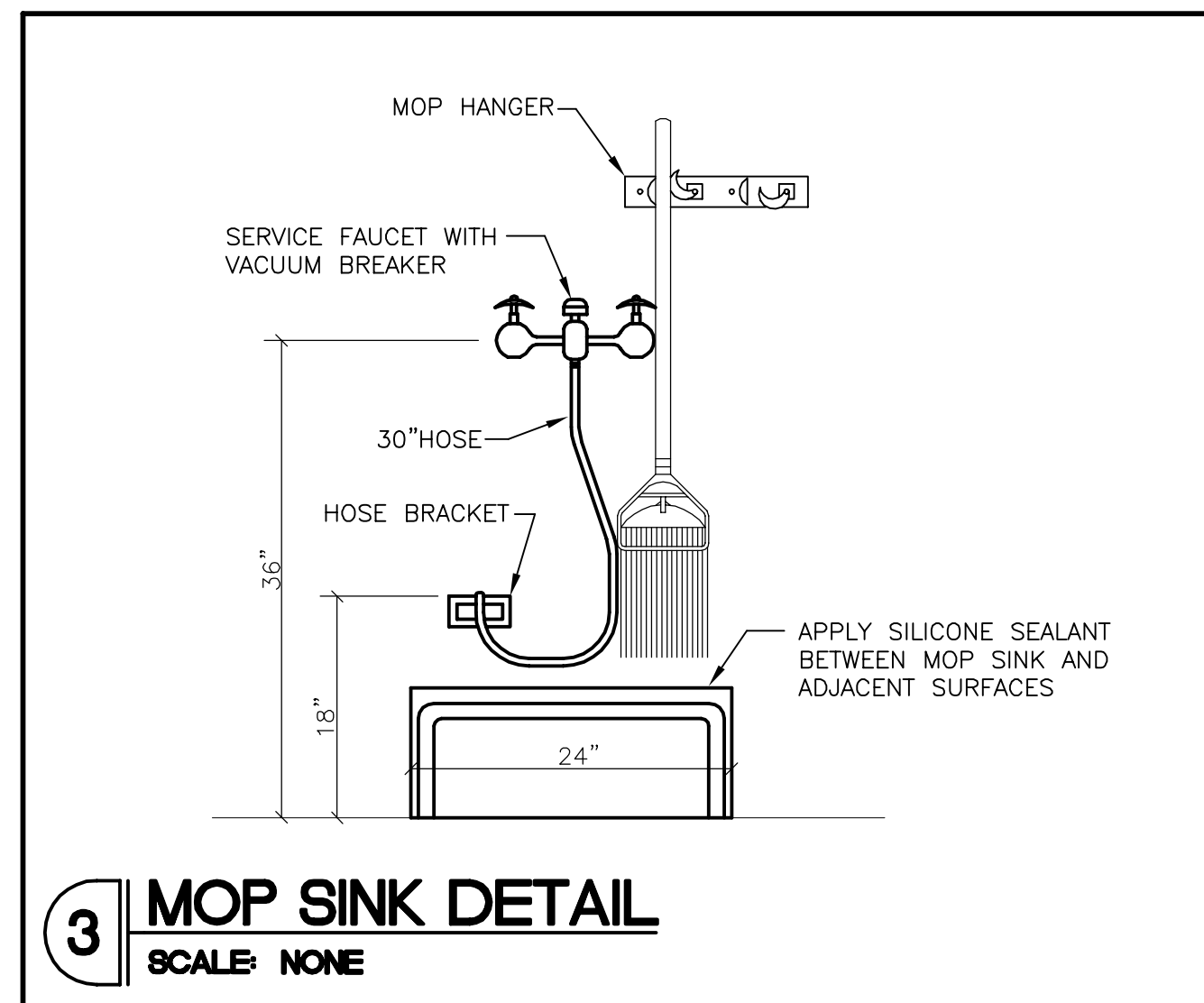
5 WALL CLEANOUT DETAIL
SCALE: NONE



2 WATER HEATER DETAIL
SCALE: NONE



6 HI-LOW FOUNTAIN DETAIL
SCALE: NONE



3 MOP SINK DETAIL
SCALE: NONE

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. 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: 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 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.

REGISTRATION SEAL

JEC

REVISIONS:
06/20/16 OWNER COMMENTS

PROJECT NO. 150310
DATE: 10/14/15
DRAWN BY: OYK
STORE NUMBER: 404
PROTO: 2016R1 PROTOTYPE SET

SALES AREA 2,420 S.F.
NON SALES 588 S.F.

GROSS AREA 3,008 S.F.

SHEET TITLE:

**PLUMBING
DETAILS AND
SPECS.**

**theVitamin
Shoppe**

5463 LYONS ROAD, SUITE 'A'
COCONUT CREEK, FL. 33073

SHEET NO:

P2.0