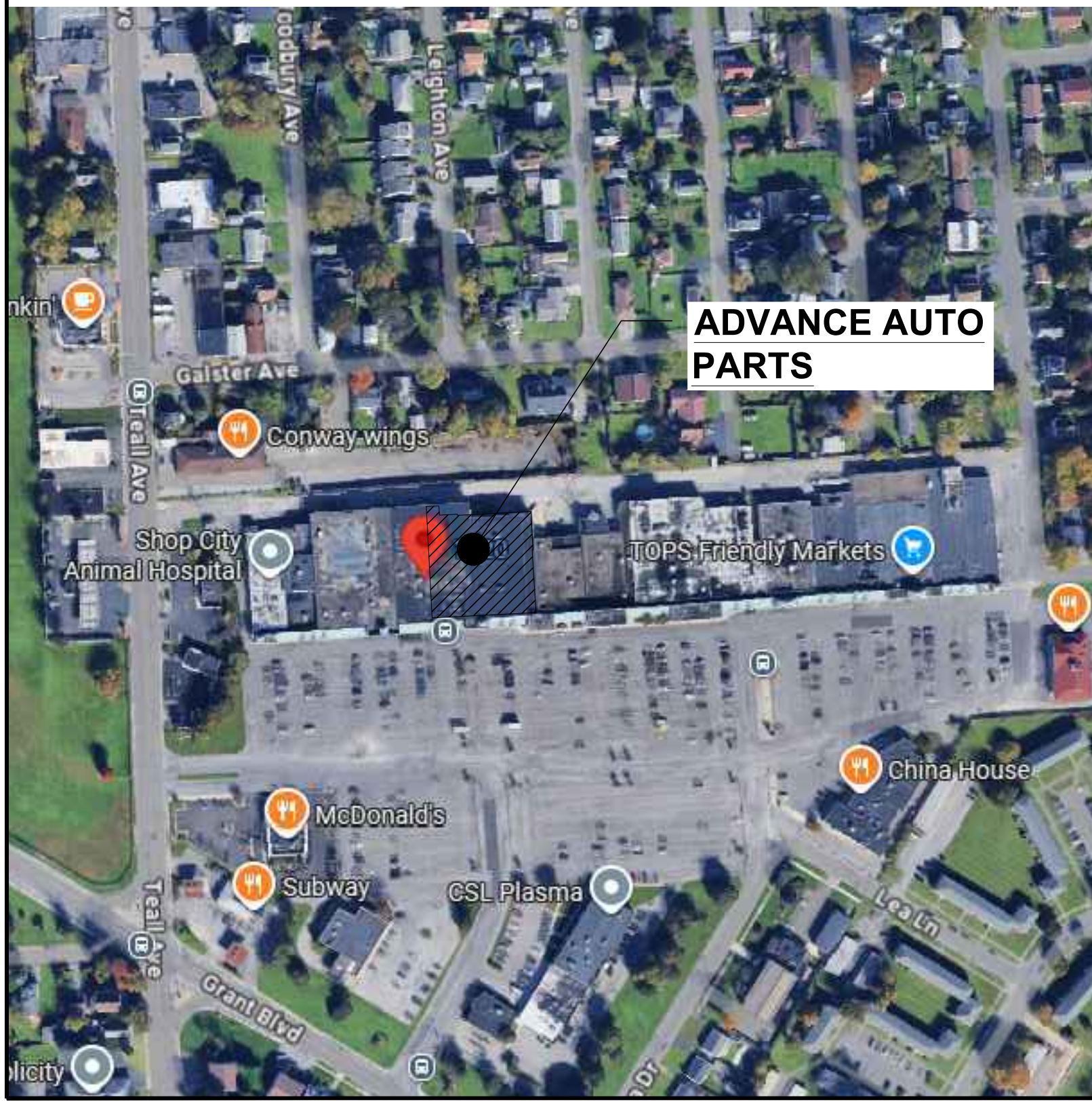


RESPONSIBILITY MATRIX				
ITEM:	FURNISHED	INSTALLED	COMMENTS:	
	BY:	BY:	AAP	AAP
EAS SYSTEM				SENSORMATIC SOLUTIONS: CONTACT: SHAWN PIER, CONTROL TEK SHAWN.PIER@CONTROLTEKUSA.COM • (958) 882-2786
SITE CAMERA	G.C.	G.C.		OBXLEE CONSTRUCTION CAMERA SERVICE CONTACT: JONATHAN GARNER 434-400-7010 JGARNER@OBXLEE.COM
STEEL	G.C.	G.C.		NATIONAL ACCOUNT PREFERRED PRICING AVAILABLE THROUGH LIBERTY STEEL FABRI-CORP, INC. 256-623-3027 AAP@LIBERTYSTELINC.COM
H.V.A.C. ROOF TOP UNITS & CURBS	G.C.	G.C.		LENNOX ACCOUNTING ACCOUNT SUBSTITUTIONS. 1-800-367-6288 OR EMAIL: ADVANCEAUTO@LENNOXING.COM
H.V.A.C. ROOF TOP UNITS & CURBS (ALTERNATE)	G.C.	G.C.		CARRIER NATIONAL ACCOUNTING SUBSTITUTIONS. CONTACT: KEN REVILLA STRATEGIC ACCOUNT MANAGER CARRIER RETAIL, STRATEGIC ACCOUNTS CELL 954-218-0070 KEN.REVILLA@CARRIER.COM
TESTING H.V.A.C. AND BALANCING	G.C.	N.A.		FROM AN INDEPENDENT TEST AND BALANCE COMPANY IS EITHER A MEMBER OF THE ASSOCIATED AIR BALANCE COUNCIL OR THE NATIONAL ENVIRONMENTAL BALANCING BUREAU CERTIFYING TO AAP THAT THE HVAC IS IN CONFORMITY WITH THE MANUFACTURERS PERFORMANCE STANDARDS
SALES FIXTURES, SHELVING SYSTEM AND GONDOLAS	AAP	AAP		
FIRE EXTINGUISHERS	G.C.	G.C.		G.C. TO OBTAIN FIRE DEPARTMENT APPROVAL FOR FINAL LOCATIONS AND QUANTITIES. (MIN 4)
MISC. SIGNAGE (ADA READ, CODE BOOKS, ROOM IDENTIFICATION)	G.C.	G.C.		GRAPHICS AND BRANDING TEMPLATES PROVIDED BY AAP
EMERGENCY & EXIT LIGHTS	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS. CONTACT LOCKE SUPPLY COMPANY (DONALD BROWN) 804-353-2511 EMAIL: AAP@RESCOUSA.COM
EXTERIOR LIGHT FIXTURES & SITE LIGHTING	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS. CONTACT LOCKE SUPPLY COMPANY (DONALD BROWN) 804-353-2511 EMAIL: AAP@LOCKESUPPLY.COM
INTERIOR LIGHTING	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS. CONTACT US LES 865-875-8191 EMAIL: ADVANCEAUTO@TOPASLESLED.COM
PLUMBING FIXTURES INCLUDES EYEWASH STATION	G.C.	G.C.		NATIONAL ACCOUNTS PREFERRED PRICING AVAILABLE THROUGH HAINES, JONES & CADBURY 800-659-7096 EMAIL: AAP@HJC.COM
PLYON SIGN	AAP	AAP		E.G. TO PROVIDE A SEPARATE UNDERGROUND CIRCUIT FOR PLYON SIGN - G.C. TO MAKE ALL NECESSARY CONNECTIONS AND INSTALL A WEATHER-PROOF RECEPTACLE AT BASE OF POLE, AS NOTED ON PLAN.
PLYON SIGN CIRCUIT IS EXISTING, RE: ELECTRICAL				
ALUMINUM STOREFRONT	G.C.	G.C.		KAWNEER NATIONAL ACCOUNTING SUBSTITUTIONS. WWW.KAWNEER.COM SALES REP VARIES DEPENDING ON LOCATION.
BUILDING SIGNAGE	AAP	AAP		E.C. TO PROVIDE ELECTRICAL CIRCUITS AS NOTED ON PLAN.
TOILET TISSUE DISPENSER PAPER TOWEL DISPENSER SOAP DISPENSER "OPEN" SIGN AT STOREFRONT	AAP	G.C.		WILL BE SHIPPED WITH THE STORE FIXTURE PACKAGE
"COMING SOON" SIGN	AAP	AAP		AAP VENDOR (GC TO REMOVE SIGN)
FIRE ALARM	*AAP	*AAP		E.C. TO PROVIDE ELECTRICAL CIRCUITS AS REQUIRED. ANDREW CARSON - NATIONAL ACCOUNT MANAGER 5701 VILLAGE BOULEVARD, WEST PALM BEACH, FL 33409 P: 813-293-4038 E: ACARSON@EVERONSOLUTIONS.COM ADT COMMERCIAL IS NOW EVERON WWW.EVERONSOLUTIONS.COM
PAINT	G.C.	G.C.		PPG NATIONAL ACCOUNTING SUBSTITUTIONS. COMMERCIAL SALES MANAGER RICK GARLIN EMAIL: GARLIN@PITTSBURGH-PAINTS.COM MOBILE: (317) 318-5880
LOW VOLTAGE CABLES (VOICE, DATA, SPEAKERS)	AAP	AAP		AAP VENDOR TO FURNISH & INSTALL ALL CABLES AND SECURE ALL PERMITS
ROOFING (MATERIAL)	G.C.	G.C.		NO SUBSTITUTIONS. SEE ROOF PLAN (SHEET A4.0) FOR APPROVED VENDORS.
FLOOR FINISH FOR EXPOSED SLAB	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS: CONTACT: CURECRETE DISTRIBUTION, INC. 800-988-5664 OR WWW.ASHFORDFORMULA.COM CONTACT: W.R. MEADOWS, INC. 800-342-6976 OR WWW.WRMEADOWS.COM
PAINT-MIXING-ROOM ASSEMBLY	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS: RE: SHEET PRI FOR CONTACT INFORMATION
PAINT MIXING AREA	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS:
STOREFRONT SHADES	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS: ROLL-A-SHADE ANYONE SESSIONS antoniosessions@rollashade.com PROJECT MANAGER P: 951-245-5077 F: 131 F: 861-245-5079 WWW.ROLLASHADE.COM SHERWEEAE 2705 OYSTERPENNS 5% OPENNESS- FIXED SHADES- OYSTER FACES OUTSIDE AND FEWTER FACES INSIDE.
WINDOW TINT				NATIONAL ACCOUNTING SUBSTITUTIONS. INSTALL WINDOW TINT AS PER MERCHANDISE PLAN. LLUMAR SINGLE PANE. OR 15 SR CDF - GRAY LLUMAR DOUBLE PANE. OR 15 SR CDF - GRAY GC TO VERIFY TYPE OF GLAZING IN FIELD.
AIR CURTAIN	G.C.	G.C.		NATIONAL ACCOUNTING SUBSTITUTIONS JAMIE JADWINSKI - REGIONAL SALES MANAGER POWERED AIRE, INC OFFICE 774-558-3305 CELL 774-866-8628 JAMIE@POWEREDAIRE.COM WWW.POWEREDAIRE.COM
SECURITY ALARM (MONITORED BY ADT)	AAP	AAP		EVERON SOLUTIONS - MIKE MAYO NATIONAL ACCOUNT MANAGER 5221 VALLEY PARK, VA 24019 PHONE 540-589-2718 MICHAEL.MAYO@EVERONSOLUTIONS.COM ANDREW CARSON - ACARSON@EVERONSOLUTIONS.COM
ENERGY MANAGEMENT SYSTEM (EMS)	AAP	AAP		NATIONAL ACCOUNTING SUBSTITUTIONS. CONTACT BRANBOAI (FORBRIARLY TELEPHONE). irelat.support@branboai.com NATIONAL ACCOUNTS HOTLINE (888) 211-6789 Fax: (850) 224-9879 DAVID WHEAT - DWHEAT@BRANBOAI.COM NOTE: THE EMS SYSTEM IS TO BE INSTALLED AFTER THE AAP VENDOR AFTER THE PROJECT IS TURNED OVER FROM THE GC TO AAP.

SITE MAP



PROJECT DIRECTORY

OWNER:		ADVANCE AUTO PARTS, INC.	
ADDRESS: 1336 PLANTATION ROAD NE. ROANOKE, VA 24012		CONTACT: ASHTON QUINTIN JR. ASHTON.QUINTIN@ADVANCE-AUTO.COM (873) 572-5201	
ARCHITECT:		CAMBURAS & THEODORE	
ADDRESS: 2454 EAST DEMPSTER STREET, SUITE 202 DES PLAINES, IL 60016		CONTACT: NICK UNDERWOOD PROJECT MANAGER nicku@clarch.com	
PHONE: (847) 298-1525 FAX: (847) 390-8190			
MEP ENGINEER:		CAMBURAS & THEODORE	
ADDRESS: 2454 EAST DEMPSTER STREET, SUITE 202 DES PLAINES, IL 60016		CONTACT: AUSTIN WRIGHT AMAR.MARANBASARI MECHANICAL ENGINEER austinw@clarch.com amamm@clarch.com	
PHONE: (847) 298-1525 FAX: (847) 390-8190			
PLANNING & DEVELOPMENT:			
ADDRESS: 201 SCHOOL ROAD SYRACUSE, NY 13088		CONTACT: MARK LAFAYER DIRECTOR	
PHONE: (315) 457-6661			
FIRE DEPARTMENT:			
ADDRESS: 201 SCHOOL ROAD SYRACUSE, NY 13088		CONTACT: EDWARD CUSATO FIRE MARSHAL	
PHONE: (315) 457-6661			
BUILDING DEPARTMENT:			
ADDRESS: 201 SCHOOL ROAD SYRACUSE, NY 13088		CONTACT: CODES@SALINA.NY.US	
PHONE: (315) 457-6661			



1820 Teall Avenue
Syracuse (Onondaga), NY 13206

SCOPE OF WORK

INTERIOR FIT-UP OF AN EXISTING TENANT SPACE INTO A NEW ADVANCE AUTO PARTS STORE. INTERIOR SCOPE INCLUDES DEMOLITION OF EXISTING NON-LOAD BEARING WALLS, MODIFICATION OF EXISTING NON-LOAD BEARING WALLS, FLOORING FINISHES, INTERIOR FINISHES, AND MODIFICATION TO EXISTING ELECTRICAL, LIGHTING, HVAC, AND PLUMBING. INSTALLATION OF SHELVING AND UPRIGHTS. EXTERIOR SCOPE IS LIMITED CLEANING & REPAIR, MODIFYING EXTERIOR EMERGENCY LIGHTING AS REQUIRED.

ANY SIGNALE, FIRE ALARM, AND SPRINKLER WORK WILL BE PERMITTED BY OTHERS UNDER A SEPARATE PERMIT. REFER TO SPRINKLER NOTE THIS SHEET.

DEFERRED SUBMITTALS WILL BE SUBMITTED BY DESIGN PROFESSIONALS LICENSED IN THE APPLICABLE JURISDICTIONS. SEPARATE REVIEWS AND PERMITS WILL BE REQUIRED AND IS THE RESPONSIBILITY OF THE APPROPRIATE VENDORS.

DEFERRED SUBMITTALS:

- STRUCTURAL STEEL ROOF REINFORCING DUE TO LACK OF AS-BUILT FRAMING PLANS

GENERAL NOTES

1. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES, LAWS AND REGULATIONS. CONSTRUCTION SHALL ALSO COMPLY WITH ADVANCE AUTO PARTS' CRITERIA (UNLESS PRECLUDED PER CODE.)
2. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ADVANCE AUTO PARTS OF ANY DISCREPANCIES PRIOR TO BIDDING.
3. ALL MATERIALS INDICATED AS NEW SHALL BE PROVIDED BY CONTRACTOR UNLESS OTHERWISE NOTED. NO SUBSTITUTIONS ALLOWED.
4. DURING THE COURSE OF CONSTRUCTION, IF THE CONTRACTOR UNCOVERS ANY CODE VIOLATIONS KNOWN TO THE CONTRACTOR OR ANY DISCREPANCY WITH THE DESIGN, SAID CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ADVANCE AUTO PARTS' CONSTRUCTION PROJECT MANAGER IMMEDIATELY.
5. CONTRACTOR SHALL ASSEMBLE AND INSTALL MATERIALS/PRODUCTS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INDUSTRIAL ASSOCIATION STANDARDS.
6. OPEN CEILING SALES AREA DESIGN, ALL MECHANICAL, ELECTRICAL AND LOW VOLTAGE SHOULD BE STRAIGHT, TRUE, PLUMS AND SQUARE TO THE BUILDING, TIED OFF CONTINUOUSLY TO THE STRUCTURE AS RIGHT AS POSSIBLE, AND AS CONCEALED AS POSSIBLE. NO FREE AIR OR DIAGONAL ROUTING METHODS.
7. GENERAL CONTRACTOR TO PROVIDE THE FOLLOWING CLOSE OUT DOCUMENTS:
 - 7.1. LIST OF SUBCONTRACTORS
 - 7.2. COPIES OF ALL PERMITS
 - 7.3. HVAC TEST AND BALANCE REPORT
 - 7.4. ROOF MANUFACTURERS WARRANTY
 - 7.5. PAYMENT CERTIFICATE (ASPHALT & CONCRETE)
 - 7.6. COPY OF CERTIFICATE OF OCCUPANCY LISTING ADVANCE STORES COMPANY, INC. AS THE "OCCUPANT" D.B.A. ADVANCE AUTO PARTS.
 - 7.7. ALL VENDOR AND SUB VENDOR SIGNED AND SIGNED OFF BY VENDORS AND SUB VENDORS AND SIGNED OFF BY CONTRACTOR.
 - 7.8. ALL CLOSE-OUT DOCUMENTS ARE TO BE POSTED ELECTRONICALLY TO LUCERNE#
 - 7.9. G.C. IS TO PLACE THE STAMPED SET / CONSTRUCTION / AS BUILT DRAWINGS IN A 4" PVC TUBE. PLACE CAPS AT EACH END AND DRILL 1/4" HOLE INTO EACH END AND MOUNT IN OR ABOUT THE ELECTRICAL / PHONE / DATA CLOSET.
8. FINAL CLEANING. - COMPLETE THE FOLLOWING CLEANING OPERATIONS BEFORE REQUESTING FINAL INSPECTION.
 - 8.1. REMOVE LABELS THAT ARE NOT PERMANENT LABELS.
 - 8.2. CLEAN TRANSPARENT MATERIALS INCLUDING MIRRORS AND GLASS IN DOORS AND WINDOWS. REMOVE GLAZING COMPOUND AND OTHER SUBSTANCES THAT ARE NOTICEABLE. VISION-OBSCURING MATERIALS.
 - 8.3. CLEAN EXPOSED EXTERIOR AND INTERIOR HARD-SURFACED FINISHES TO A DUST-FREE CONDITION. FREE OF STAINS, FILMS AND SIMILAR FOREIGN SUBSTANCES. LEAVE CONCRETE TO A LIGHT GRAY COLOR.
 - 8.4. CLEAN PLUMBING FIXTURES TO A SANITARY CONDITION. CLEAN LIGHT FIXTURES AND LAMPS.
 - 8.5. CLEAN THE SITE INCLUDING LANDSCAPE DEVELOPMENT AREAS, OF RUBBISH, LITTER AND OTHER FOREIGN SUBSTANCES. SWEEP PAVED AREAS BROOM CLEAN.
 - 8.6. COMPLY WITH REGULATIONS OF AUTHORITIES HAVING JURISDICTION AND BUILDING SAFETY STANDARDS FOR FINAL CLEANING. LOT.
 - 8.7. PRESSURE WASH ENTIRE PARKING LOT AND WALKWAYS ADJACENT TO BUILDING.
9. GENERAL CONTRACTOR RESPONSIBLE TO PROVIDE WEEKLY STATUS REPORT.
10. G.C. TO PROVIDE SNOW REMOVAL SERVICES AS REQUIRED FOR STAND ALONE AND GROUND UP LOCATIONS.
11. LOOKBOX CODE FOR SPACE SHOULD BE LAST 4 DIGITS OF THE STORE NUMBER. COORDINATE WITH AAP CM.
12. G.C. IS RESPONSIBLE TO COORDINATE TRADE PERMIT SUBMISSION WITH THE RESPECTED TRADE CONTRACTORS.
13. G.C. IS RESPONSIBLE TO PROVIDE CONSTRUCTION EXTINGUISHERS AS REQUIRED BY BUILDING-FIRE INSPECTOR THROUGHOUT CONSTRUCTION PROCESS. PERMANENT FIRE EXTINGUISHERS SHALL BE INSTALLED AS SHOWN ON EGRESS PLAN & MATRIX.
14. M.C. NEEDS TO CONTACT LENNOX NATIONAL ACCOUNT COORDINATOR TO REQUEST RTR SUBMITTAL, QUOTE, AND FIELD CONDITIONS TO FINALIZE PURCHASE ORDER AND COMPLETE ALL NECESSARY DOCUMENTS AND PAYMENT TO SECURE DELIVERY OF RTUS AS SCHEDULED WITHIN CONSTRUCTION SCHEDULE.
15. G.C. TO PROVIDE LANDSCAPE SERVICES AS REQUIRED TO AREAS NOT PART OF COMMON TO THE SHOPPING MALL.
16. GENERAL CONTRACTOR TO HIRE PLUMBER TO PERFORM HYDRO-TEST OF PLUMBING SYSTEM WHEN CONSTRUCTION IS COMPLETE AND PRIOR TO AAP TURNKEY BY BLOCOS SHOULD BE REPORTED TO AAP.
17. CONTRACTOR RESPONSIBLE TO VERIFY EXISTING FIRE DEPARTMENT KNOX BOX LOCATION AND KEYS WITH FIRE MARSHAL DURING INSPECTION ON SITE. CONTRACTOR SHALL PROVIDE NEW FIRE DEPARTMENT APPROVED SURFACE MOUNTED KNOX BOX AND KEYS IF NOT EXISTING ON SITE.

SHEET INDEX

TITLE SHEET

T1 TITLE SHEET

ARCHITECTURAL

- | | |
|------|---|
| D1 | DEMOLITION PLAN |
| A1 | FLOOR PLAN |
| A2 | DOOR SCHEDULE, ENLARGED PLANS & TYPICAL DETAILS |
| A2.1 | WALL SECTION & FIRE RATING DETAILS |
| A3 | MERCHANDISE PLAN |
| A4 | ROOF PLAN AND DETAILS |
| A5 | REFLECTED CEILING PLAN |
| A6 | EXTERIOR ELEVATIONS |

MECHANICAL

- | | |
|----|----------------------------|
| M1 | HVAC FLOOR PLAN |
| M2 | HVAC SCHEDULES AND DETAILS |

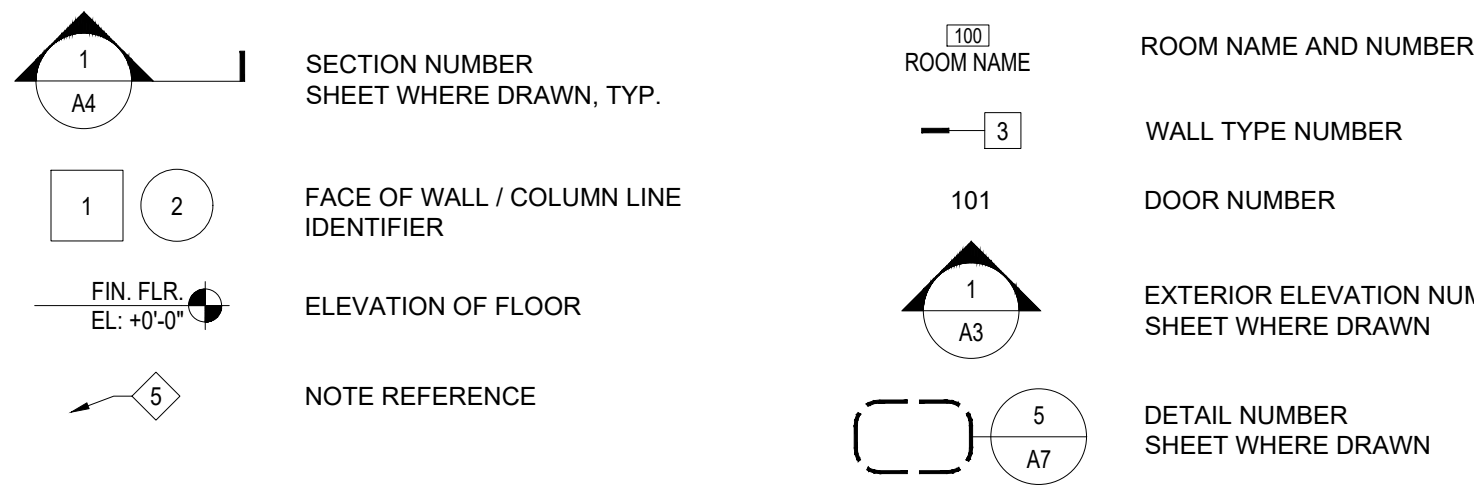
SPRINKLER AND FIRE ALARM SYSTEM NOTE

A FIRE SPRINKLER AND ALARM SYSTEM IS EXISTING. SYSTEM TO BE MODIFIED PER NEW LAYOUT / CONFIGURATION. ANY CHANGES MUST BE DESIGNED AND INSTALLED BY A LICENSED FIRE PROTECTIONS ENGINEER (HIRED BY G.C.) WHO SHALL PREPARE DESIGNSHOP DRAWINGS OF THE SYSTEMS AND SUBMIT SUCH DRAWINGS TO THE BUILDING AND FIRE DEPARTMENTS FOR APPROVAL PRIOR TO FABRICATION AND INSTALLATION. ALL WORK SHALL BE DONE IN ACCORDANCE WITH NFPA STANDARD 101, AND ANY OTHER STATE OR LOCAL CODES HAVING JURISDICTION. G.C. TO VERIFY IF LANDLORD REQUIRES A DESIGNATED PROVIDER OF SERVICES. G.C. TO COORDINATE FIRE ALARM REPLACEMENT WITH AAP VENDOR DURING DEMOLITION.

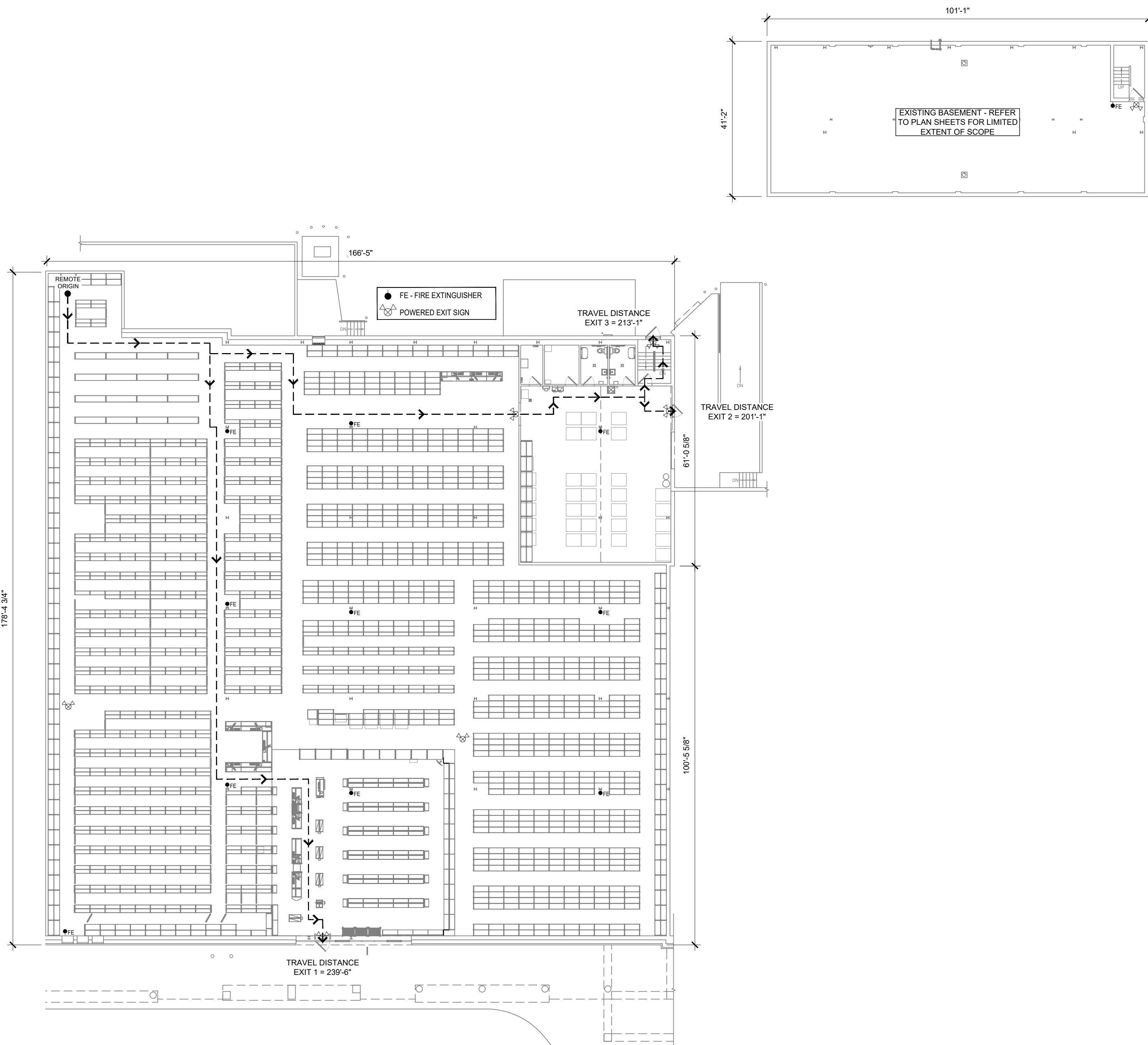
SPECIAL INSPECTIONS NOTE

ANY SPECIAL INSPECTIONS OR 3RD PARTY ENGINEERING IS THE RESPONSIBILITY OF THE G.C.
G.C. TO COORDINATE WITH THE BUILDING DEPARTMENT FOR TIMING.

SYMBOLS



EGRESS PLAN AND FE PLAN



THIS BOX IS FOR ADVANCE AUTO PARTS OFFICE USE ONLY

Q1-26 83x83



REVISIONS	DESCRIPTION
DATE	
REV	
DATE	
06-05-26	GROSS SQ. FT. 27,044 S.F.
PROJECT # 26-077745	
DRAWN BY: AB	
CHECK BY: NU	
THESE DRAWINGS AND SPECIFICATIONS, AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. WITHOUT THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT, THESE DRAWINGS AND SPECIFICATIONS SHALL NOT BE USED BY ANY PERSON OR ENTITY ON OTHER PROJECTS. FOR ADDITIONS TO THIS PROJECT, OR COMPLETION OF THIS PROJECT WHEN PHASED WITHIN THE WRITTEN CONSENT OF C + T, LTD. Copyright © 2005	

FINAL DRAWINGS - ISSUED
FOR CONSTRUCTION

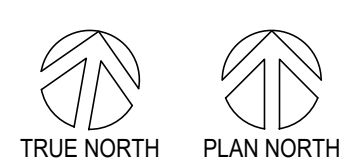


FINAL DRAWINGS - ISSUED
FOR CONSTRUCTION

Q1-26

TITLE SHEET

T1

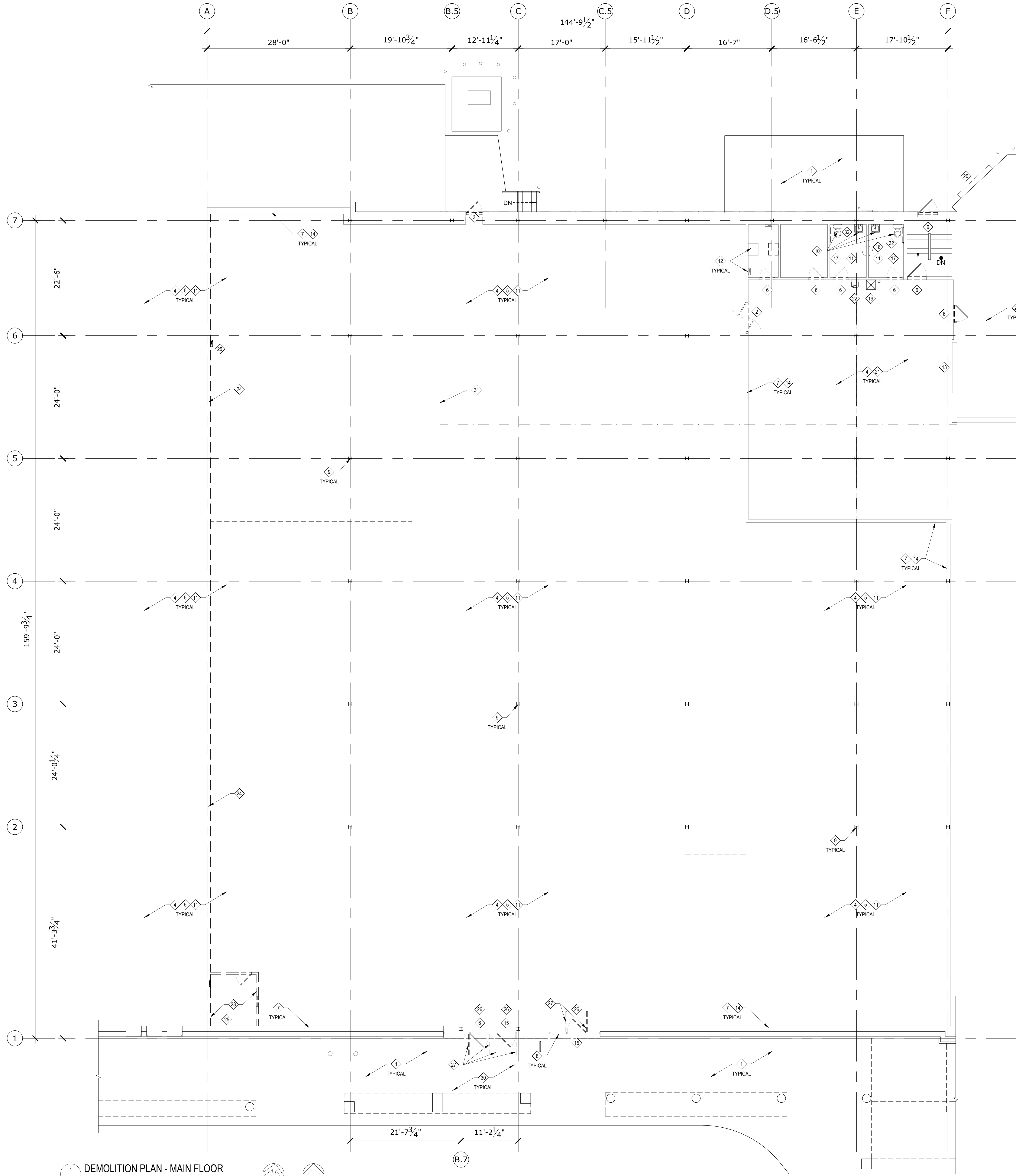


NOTE:
CONTRACTOR TO VERIFY REMOVAL OF
ITEMS AS PART OF LL SCOPE

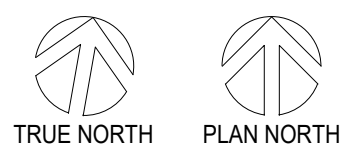
- PREVIOUS TENANT SIGNAGE
- PREVIOUS TENANT FF&E

IF PREVIOUS TENANT ITEMS REMAIN,
CONTRACTOR IS RESPONSIBLE FOR
REMOVAL OF ITEMS

NOTE:
G.C. IS RESPONSIBLE TO REMOVE ALL
IN-SLAB ABANDONED DEVICES:
FLOOR DRAIN, FLOOR SINK, POWER
OUTLETS, TRENCH DRAIN,
REFRIGERATION SLEEVE, HVAC
DUCTWORK, REPAIR CONCRETE SLAB
WORK INCLUDING PATCH, INFILL,
GRINDING, ETC. FOR CONSISTENT
POLISHED FLOOR FINISH.



1 DEMOLITION PLAN - MAIN FLOOR
SCALE: 1/8" = 1'-0"

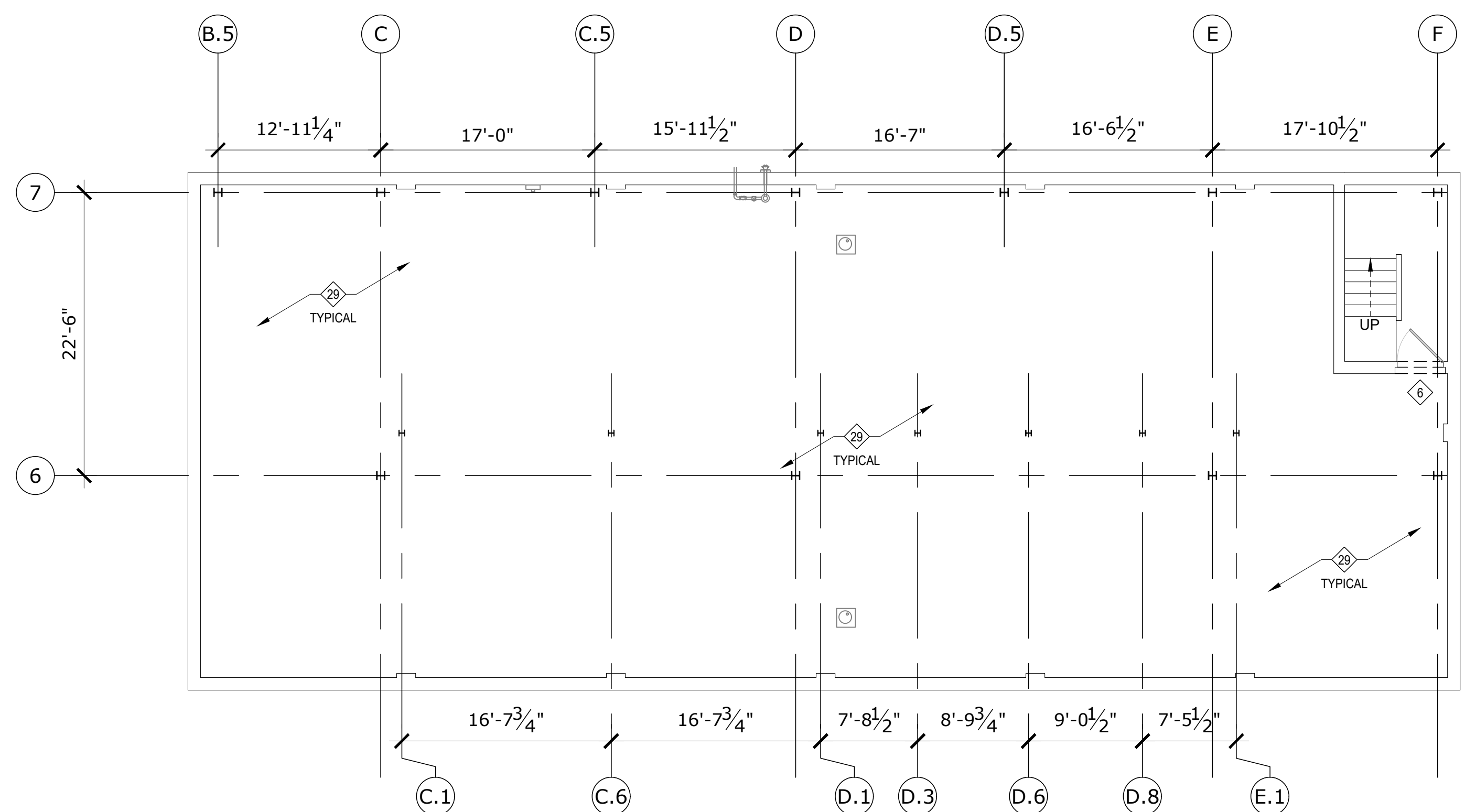


DEMOLITION PLAN KEY NOTES:

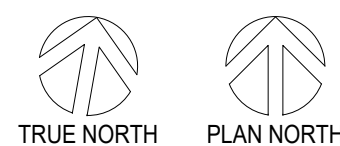
- EXISTING EXTERIOR CONCRETE WALK TO REMAIN. PRESSURE WASH SURFACES TO LIKE-NEW CONDITION.
- EXISTING DOOR AND FRAME TO BE REMOVED. PREPARE OPENING FOR NEW CONSTRUCTION SCOPE. REFER TO A1 FOR ADDITIONAL INFORMATION.
- EXISTING DOOR TO REMAIN. SEAL DOOR WEATHER-TIGHT SHUT. REMOVE HARDWARE AND PROVIDE STEEL COVER PLATE OVER LATCH.
- EXISTING LIGHT FIXTURES ABOVE TO BE REMOVED. REFER TO A5 AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION AND NEW LIGHTING LAYOUT.
- EXISTING CEILING, FIXTURES, AND GRID ABOVE (WHERE APPLICABLE) TO BE REMOVED. REFER TO A5 AND ELECTRICAL FOR NEW CEILING AND LIGHTING LAYOUT.
- EXISTING DOOR AND FRAME TO REMAIN. REFER TO A1 AND A2 FOR NEW TREATMENT/HARDWARE REPLACEMENT OF EXISTING DOORS.
- EXISTING INTERIOR WALL DRYWALL TO REMAIN. REMOVE PERIMETER WALL, BLOCKING, DECOR, SIGNAGE, HANGERS AND BASE. PATCH, REPAIR AND PROVIDE NEW BASE AS REQUIRED.
- EXISTING STOREFRONT WINDOWS, FRAMES, AND SILLS TO REMAIN. CLEAN TO LIKE-NEW CONDITION. REFER TO A3 AND A4 FOR NEW WINDOW TREATMENT.
- EXISTING COLUMNS AND BASE WRAPS (WHERE APPLICABLE) TO REMAIN. PROTECT DURING CONSTRUCTION.
- EXISTING PLUMBING FIXTURES TO BE REMOVED. EXISTING PLUMBING LINES TO BE MODIFIED FOR NEW FIXTURES. REFER TO A1, A2, AND PLUMBING FOR ADDITIONAL INFORMATION.
- EXISTING FLOORING AND MASTIC TO BE REMOVED DOWN TO EXISTING SLAB. GRIND, PATCH, AND FILL EXPOSED CONCRETE FOR CONSISTENT SMOOTH SLAB SURFACE IN PREPARATION OF NEW FLOOR FINISH. REFER TO A1 AND A3.
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN. REFER TO ELECTRICAL SHEETS FOR RELEVANT SCOPE OF WORK.
- EXISTING OVERHEAD DOOR AND RELATED ACCESSORIES TO REMAIN. CLEAN AND SERVICE TO LIKE-NEW CONDITION.
- REMOVE ALL ABANDONED MOUNTING BRACKETS, CONDUIT, HOSES, LOW VOLTAGE, ETC. PATCH AND REPAIR VOIDS AND DAMAGE/IMPROVISE GYPSUM BOARD COMPLETELY IN PREPARATION FOR NEW LEVEL 4 FINISH. TYPICAL FOR ALL PERIMETER WALLS INSIDE SPACE.
- EXISTING STOREFRONT DOOR TO BE REMOVED. REFER TO A1 & A2 FOR NEW TREATMENT OF EXISTING OPENING.
- EXISTING RESTROOM FLOORING TO BE REMOVED DOWN TO SLAB. PROTECT FLOOR DRAINS TO REMAIN. REPAIR SLAB TO RECEIVE NEW FLOORING. REFER TO A1 AND A2.
- EXISTING TOILET ROOM ACCESSORIES TO BE REMOVED AND REPLACED WITH NEW. REFER TO A1 & A2 FOR ADDITIONAL INFORMATION.
- EXISTING WATER HEATER ABOVE TO BE REMOVED AND REPLACED WITH NEW. REFER TO A2 AND PLUMBING FOR ADDITIONAL INFORMATION.
- EXISTING WIP SINK TO BE REMOVED AND REPLACED WITH NEW. REFER TO A2 AND PLUMBING FOR ADDITIONAL INFORMATION.
- EXISTING EDGE OF DOCK LEVELER TO REMAIN. CLEAN AND SERVICE LEVELER TO LIKE-NEW CONDITION.
- EXISTING SLAB TO REMAIN. PATCH AS REQUIRED TO MAINTAIN CONTIGUOUS SLAB SURFACE.
- EXISTING DRINKING FOUNTAIN TO BE REMOVED AND REPLACED WITH NEW. REFER TO A2 AND PLUMBING FOR ADDITIONAL INFORMATION.
- EXISTING INTERIOR OFFICE TO BE REMOVED IN ITS ENTIRETY. PATCH SURFACES TO REMAIN AS REQUIRED. REFER TO A1 FOR NEW DEMISING WALL LOCATION AND EXTENTS.
- EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED. CAP BACK TO SOURCE. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
- EXISTING AIR CURTAINS ABOVE ENTRY DOORS TO BE REMOVED. REFER TO A5 AND MECHANICAL FOR NEW SCOPE.
- EXISTING ENTRY SWING DOOR GUIDE RAILS TO BE REMOVED. PATCH EXISTING SURFACES TO REMAIN AS REQUIRED.
- EXISTING EXTERIOR LOADING PLATFORM AND RAMP TO REMAIN. PATCH VOIDS, CHIPS, AND IMPERFECTIONS AS REQUIRED TO MAINTAIN CONTIGUOUS SURFACE. MODIFY AS NEEDED TO REMOVE ANY UPS OR BUMPS AT RAMPED SURFACE/BUILDING THRESHOLDS.
- EXISTING BASEMENT TO REMAIN AS-IS. SCOPE OF WORK IS LIMITED TO REPLACEMENT OF EXISTING SYSTEMS AND COMPONENTS. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL.
- AT EXISTING EXTERIOR CANOPY SOFFIT, REMOVE AND REPLACE DAMAGED SOFFIT AND RELATED SUBSTRATE AS REQUIRED. CONFIRM EXTENTS OF DAMAGE IN FIELD DURING DEMOLITION.
- LINE INDICATES EXTENTS OF BASEMENT BELOW.
- EXISTING SLAB TO BE CORED FOR PLUMBING PIPING FOR PLUMBING FIXTURE RELOCATION. ALL PLUMBING PIPING SUSPENDED ABOVE BASEMENT UNDER RESTROOMS.

DEMOLITION PLAN GENERAL NOTES:

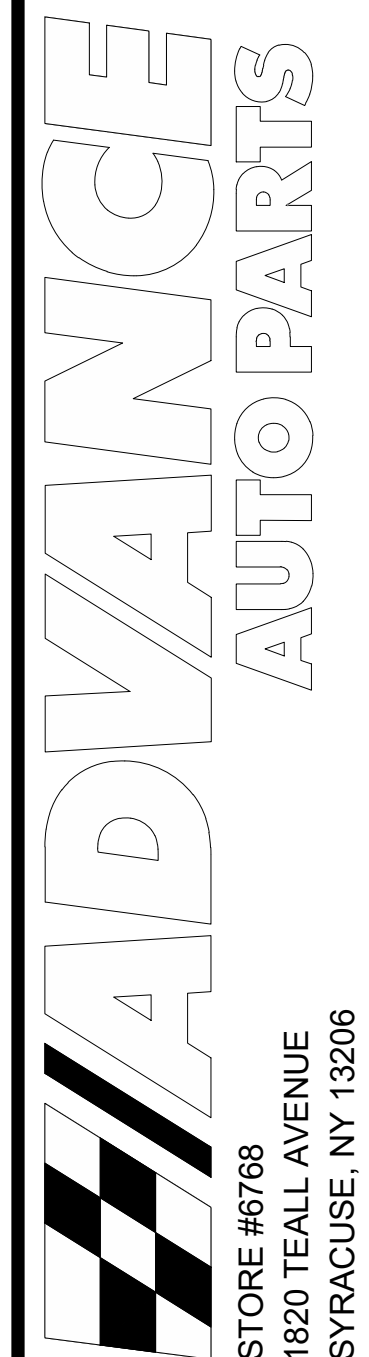
- THE CONTRACTOR IS RESPONSIBLE FOR BECOMING FAMILIAR WITH THE DEMOLITION AND ARCHITECTURAL DRAWINGS. FIELD VERIFY ALL CONDITIONS AND DIMENSIONS BEFORE BIDDING OR START OF ANY DEMOLITION WORK. CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- DEMOLITION AT NO TIME PRIOR TO OR DURING CONSTRUCTION SHALL JEOPARDIZE THE INTEGRITY OF THE EXISTING BUILDING.
- THE CONTRACTOR TO PROTECT FROM DAMAGE ALL EXISTING FINISH WORK THAT IS TO REMAIN. ANY DAMAGE CAUSED BY DEMOLITION OR CONSTRUCTION IS TO BE REPAIRED TO ORIGINAL STATE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER/ARCHITECT.
- THIS PLAN SHOWS GENERAL DEMOLITION WORK TO BE PERFORMED AND DOES NOT RELIEVE THE CONTRACTOR FROM OTHER DEMOLITION WORK REQUIRED TO PRODUCE THE BUILDING MODIFICATION SHOWN ON REMAINING CONSTRUCTION DOCUMENTS.
- DISPOSAL OF WASTE MATERIALS AND DEBRIS EXCEPT WHERE NOTED. ALL WASTE MATERIALS AND DEBRIS REMOVED BECOME THE PROPERTY OF THE GENERAL CONTRACTOR WHO SHALL PROMPTLY AND LEGALLY DISPOSE OF ALL SUCH RUBBISH AND DEBRIS SHALL BE REMOVED EACH DAY AND AT THE JOB COMPLETION AND AT SUCH OTHER TIMES AS THE RUBBISH MAY ACCUMULATE TO THE EXTENT OF INTERFERING WITH THE JOB PROGRESS OR BUILDING OPERATION.
- ALL MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS THAT ARE TO BE REMOVED/ABANDONED SHALL BE CAPPED AT ITS SOURCE.
- CONTRACTOR IS RESPONSIBLE TO REVIEW ENTIRE SET AND UNDERSTAND ENTIRE SCOPE OF WORK. DEMOLITION PLANS DEFINE SPECIFIC AREAS OF WORK AND MAY NOT DETAIL FULL SCOPE REQUIRED TO COMPLETE WORK.
- CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ASSOCIATED UTILITY DISCONNECT FEES.
- THE OWNER SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO BEGINNING DEMOLITION WORK FOR THE EXACT LOCATIONS OF THE UTILITIES. THE CONTRACTOR SHALL ARRANGE FOR THE DISCONNECT, PROTECTION OR RELOCATION OF ANY EXISTING UTILITY SERVICES, INCLUDING WATER, SEWER, GAS, ELECTRIC, TELEPHONE, AND CABLE.
- THE CONTRACTOR IS REQUIRED TO ASSURE THEMSELVES OF LOCATION AND DEPTH OF EXISTING UTILITIES AND RELATED FEATURES AND SHALL REPORT AT ONCE TO THE OWNER OR ENGINEER ANY DISCREPANCIES WITH RESPECT TO INFORMATION INDICATED IN THE CONTRACT DOCUMENTS.
- ALL DEMOLISHED BUILDING MATERIALS SHALL BE REMOVED FROM SITE AND LEGALLY DISPOSED OF.
- GAS, TELEPHONE AND ELECTRIC DISTRIBUTION SYSTEM REMOVALS AND ADJUSTMENTS SHALL BE DONE BY RESPECTIVE UTILITY COMPANIES AND PAID FOR SEPARATELY BY OWNER. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THIS WORK INCIDENTALLY TO THE CONTRACT.
- ALL EXISTING UTILITIES ARE TO REMAIN IN SERVICE UNLESS SPECIFICALLY SHOWN TO BE REMOVED.
- ALL PIPES TO BE ABANDONED IN PLACE SHALL BE PLUGGED WITH MORTAR.
- THE CONTRACTOR SHALL ENSURE THAT ALL ADJACENT AREAS, INCLUDING ADJACENT STREETS AND DRIVEWAYS, SHALL BE FREE OF DEBRIS AT ALL TIMES.
- ALL ABANDONED SANITARY SEWERS SHALL BE PLUGGED ON BOTH ENDS WITH TWO FOOT LONG NON-SHRINK CONCRETE OR MORTAR PLUG.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL DEMOLITION WORK REQUIRED FOR EACH PHASE OF THE PROJECT WITH THE OWNER.
- IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, INVESTIGATE AND MEASURE BOTH NATURE AND EXTENT OF CONFLICT. SUBMIT REPORT TO THE ARCHITECT IN WRITTEN ACCURATE DETAIL. PENDING RECEIPT OF DIRECTION FROM THE ARCHITECT, REARRANGE SELECTIVE DEMOLITION SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT DELAY.
- REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED. RETURN STRUCTURES AND SURFACES TO REMAIN TO CONDITIONS EXISTING PRIOR TO COMMENCEMENT OF DEMOLITION WORK. REPAIR ADJACENT CONSTRUCTION OR SURFACES SOILED OR DAMAGED BY DEMOLITION WORK.
- NOTES ON DEMOLITION PLAN ARE TYPICAL AND NOT ALWAYS REPEATED IN EVERY INSTANCE. CONTRACTOR TO FIELD VERIFY EXACT LOCATIONS.
- ALL EXISTING ROOF MOUNTED MECHANICAL EQUIPMENT, NOT USED, SHALL BE REMOVED. PROVIDE WATER TIGHT INSULATED ROOF CAP AND PATCH ROOFING AS REQUIRED. SEE MECHANICAL SHEETS FOR ADDITIONAL INFORMATION.
- ADJACENT TENANTS WILL REMAIN IN OPERATION DURING THE DURATION OF THE PROJECT. CONTRACTOR SHALL COMMUNICATE CONSTRUCTION SCHEDULE WITH TENANT COORDINATOR MAINTAINING A 2 WEEK FORECAST. ALL PROJECT PHASING SHALL BE APPOINTED BY CONSTRUCTION MANAGER.
- STRUCTURES UNDER CONSTRUCTION, ALTERATION OR CONSTRUCTION SHALL BE PROVIDED WITH NO FEWER THAN ONE APPROVED PORTABLE FIRE EXTINGUISHER IN ACCORDANCE WITH SECTION 906 AND SIZED FOR NOT LESS THAN ORDINARY HAZARD AS FOLLOWS:
 - AT EACH STAIRWAY ON ALL FLOOR LEVELS WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED.
 - IN EVERY STORAGE AND CONSTRUCTION SHED.
 - ADDITIONAL PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WHERE SPECIAL HAZARDS EXIST, SUCH AS THE STORAGE AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS.
- CONTRACTOR IS RESPONSIBLE TO PROVIDE TOILET FACILITIES DURING CONSTRUCTION PHASE. DEMOLITION OF EXISTING FIXED TOILET ROOMS WILL REQUIRE PORTABLE TOILET FACILITIES WHEN FIXED ARE NO LONGER AVAILABLE.
- MAINTENANCE OF MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. ONE REAR AND ONE FRONT EGRESS DOOR MUST BE OPERATIONAL AND FREE OF OBSTRUCTION AT ALL TIMES.
- FIRE SAFETY DURING DEMOLITION SHALL COMPLY WITH ALL LOCAL FIRE AND BUILDING CODES. THE GC IS RESPONSIBLE FOR A FIRE SAFETY PLAN, PERSONNEL TRAINING, AND PRECAUTIONS.
- EXISTING SPRINKLER SYSTEM SHALL REMAIN IN OPERATION DURING CONSTRUCTION. GC TO TAKE PRECAUTIONS TO NOT DAMAGE SPRINKLER MAINS, BRANCHES, AND HEADS.



2 DEMOLITION PLANS - BASEMENT
SCALE: 1/8" = 1'-0"



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STORE #6768
1820 TALL AVENUE
SYRACUSE, NY 13206

REVISIONS	DESCRIPTION
REV	DATE
1	06-05-26

DATE	06-05-26	06-05-26
PROJECT #	26-077745	27,044 S.F.
DRAWN BY	AB	
CHECKED BY	NU	

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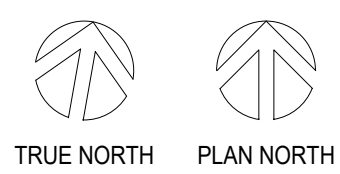
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DEMOLITION PLAN

D1



4 FLOOR TRANSITION DETAIL
A1 SCALE: FULL



FLOOR PLAN - MAIN FLOOR
SCALE: 1/8" = 1'-0"

2 FLOOR PLAN - BASEMENT
A1 SCALE: 1/8" = 1'-0"

FLOOR PLAN KEY NOTES:

- [illegible]

TROWELING CONCRETE @ INTERIOR SLABS NOTES

- HAND OR POWER FLOOR BOARD BEFORE STARTING TROWELING.
FOR FIRST TROWELING, (PEEL SLICES) AS FLAT AS POSSIBLE AND USE LOW SPEED,
MINIMIZING "WASHBOARD" OR "CHATTER MARKS" AND "PITTING".
TROWEL 2 TIMES MINIMUM WITH FIRST TROWELING AT RIGHT ANGLES, EACH
TROWELING BEFORE TROWELING THE NEXT, TO SPREAD AND COMPACT SURFACE.
ALLOW TIME BETWEEN TROWELING FOR CONCRETE TO STIFFEN AND WATER SHEEN TO
DISAPPEAR.
DO NOT ADD WATER TO SLAB SURFACE DURING TROWELING.
DO NOT RIDE TROWELS ON EXISTING HARDENED CONCRETE SLABS. TROWELS SHALL BE
CARRIED OFF OF SLAB SURFACES. WHEN PARKING TROWELS ON FRESH CONCRETE, PLACE
ON TOP OF PLYWOOD.
END-USE-INDICATED SURFACES: TROWEL MARKS, FOOT PRINTS AND/OR CHATTERED
AREAS ARE NOT EVIDENT AFTER FLOOR FINISH.
PROVIDE DENSE, SMOOTH, FLAT ROWEL SURFACE, UNIFORM IN TEXTURE.
FINISH SURFACE TO PRODUCE MAXIMUM SHEEN PER SPECIFICATIONS FREE OF SCRATCHES
AND DEFECTS.

FLOOR PLAN GENERAL NOTES:

1. CONCRETE FLOOR TO BE MACHINE TROWELED FINISH THROUGHOUT.
2. CONTRACTOR IS RESPONSIBLE FOR INSTALLING TOILETS SO AS TO COMPLY WITH ALL
3. APPLICABLE CODES, ORDINANCES AND ACCESSIBILITY STANDARDS.
4. INSTALL BACKFLOW PREVENTER IN MAIN SERVICE WATER LINE AS REQUIRED BY
5. LOCAL CODE.
6. CONTRACTOR IS RESPONSIBLE FOR PROVIDING FIRE EXTINGUISHERS MODEL #2A101
7. ABC RATING, QUANTITY AND LOCATION AS REQUIRED BY FIRE MARSHAL. (MINIMUM 6
8. 4)
9. OMITTED
10. PREPARE FLOOR SLABS AS REQUIRED FOR APPLICATION OF FLOOR SEALER
11. THROUGHOUT ENTIRE BUILDING.
12. VCT - AFTER INSTALL FLOOR SHALL BE STRIPPED AND WAXED.

FINISH GENERAL NOTES

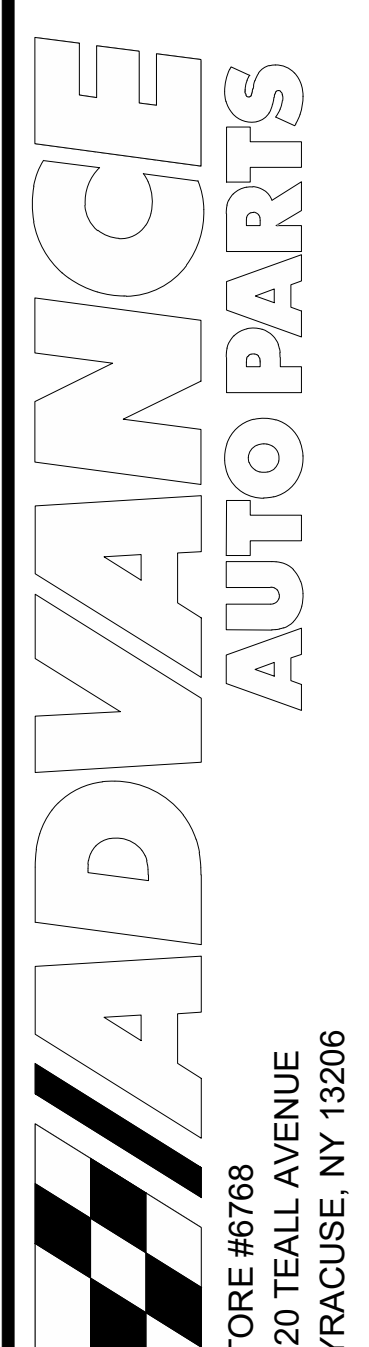
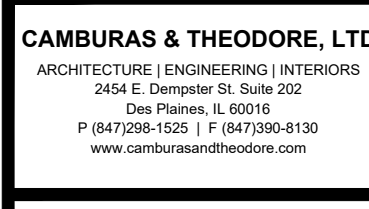
1. VINYL BASE TO BE FLAT STOCK OF TYPICAL 1/8" THICKNESS. MIN. SPLICE JOINT SPACING SHALL BE 4'-0".
2. ALL INTERIOR FINISHES SHALL COMPLY WITH LOCAL BUILDING CODES.
3. INTERIOR SIDE OF EXTERIOR CUI WALL SHALL HAVE BLOCK FILLER APPLIED TO DECK.
4. WANT TO BE PAINTED TO BOTTOM OF DECK.
5. PAINT TELEPHONE FIRE RETARDANT PLYWOOD BACKGROUND TO MATCH WALLS.
6. PAINT WALLS AND APPLY FLOOR SEALANT PRIOR TO INSTALLING VINYL BASE. FULLY ADHERE VINYL BASE.
7. PROVIDE CLEAR SILICON SEALANT AT ALL REQ'D PLUMBING FIXTURES, ACCESSORIES, FRP, ETC. PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
8. DRYWALL FINISH TO BE CLASS 4.

INTERIOR PAINT SPECIFICATIONS

ADVANCE AUTO PARTS (UPDATED DEC. 2024)

- DRYWALL / GYPSUM BOARD:**
- FLOOR:** 1 COAT PPG SPEEDDIE 6-2 INTERIOR QUICK DRY PRIMER SEALER
FLOOR: 2 COATS PPG SPEEDDIE 6-2/11Z EGGSHELL INTERIOR ENAMEL
COLOR TO BE: IP# A/PANT 1 - PPGS 1001-1 DELICATE WHITE
(TOLLY ROOMS ARE FINISH W/ SEMI-GLOSS FINISH #6-SOYOL ON BOTH INSIDE AND OUTSIDE WALLS)
- TILET ROOM DOORS AND TRIM:**
- FLOOR: 1 COAT PPG SEAL GRP 1762X1 PRIMER SEALER
FLOOR: 2 COATS PPG SPEEDDIE 6-2/11Z INTERIOR SEMI-GLOSS ENAMEL
COLOR TO BE: IP# A/PANT 1 - PPGS 096-3 SILVER BARD
- INTERIOR BLOCK WALLS:**
- FLOOR: 1 COAT PPG SPEEDDIE 6-2/11Z H-FILL BLOCK FILLER
FLOOR: 2 COATS PPG SPEEDDIE 6-2/11Z EGGSHELL INTERIOR ENAMEL
COLOR TO BE: IP# A/PANT 1 - PPGS 1001-1 DELICATE WHITE
- METAL COLUMNS AND METAL REAR DECK:**
- FLOOR: 1 COAT PPG TIT-TECH D-90 1912 01A WB PRIMER SEALER
FLOOR: 2 COATS PPG BREATHACROUGH V-8 SATIN ENAMEL
COLOR TO BE: IP# A/PANT 1 - PPGS 1001-1 DELICATE WHITE
- METAL BAR JOST, DUCTWORK AND CEILING GROUNDING:**
- NEW CONSTRUCTION SPECIFICATION.
PRIME: FACTORY PRIMED GRAY. CLEAN AND NO OILY RESIDUE OR OTHER AREAS WHERE WEATHER PROTECT WAS DAMAGED. PRIME USING PPG A180 RUST INHIBITIVE PRIMER TO MATCH GRAY.
REMOVAL: USE FACTORY PRIMER TO REMOVE ALL EXISTING PRIMER.
PRIME: SPOUT PRIME TO COVER ANY TYPE AREA OF DECKING OR DUCT WORK.
PRIME: SPOUT PRIME TO 10-12 INCH TICH BAR WB PRIMER SEALER.
FINISH: SPOUT PRIME OR SURF PRIMER TO MATCH COLOR OF YOUR LOCAL PPG SALES PERSON FOR RECOMMENDATIONS FOR POINT TO PAINTING.
FLOOR: PPG SPEEDDIE 6-2/20K INTERIOR DRY-GLO
COLOR TO BE: IP# A/PANT 1 - PPGS 096-3 SILVER BARD

REFER TO PRODUCT DATA SHEETS AND LABEL FOR SPECIFIC APPLICATION INSTRUCTIONS AND DRY TIMES. (ADVANCE AUTO SPECS (INTERIOR) G10)



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U6-U5-26	27,044 S.F.
PROJECT # 26-0717745	

DRAWN BY: AB

CHECK BY: NO

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Q1-26

FLOOR

FLOOR
PLAN

11/11/2016

A1

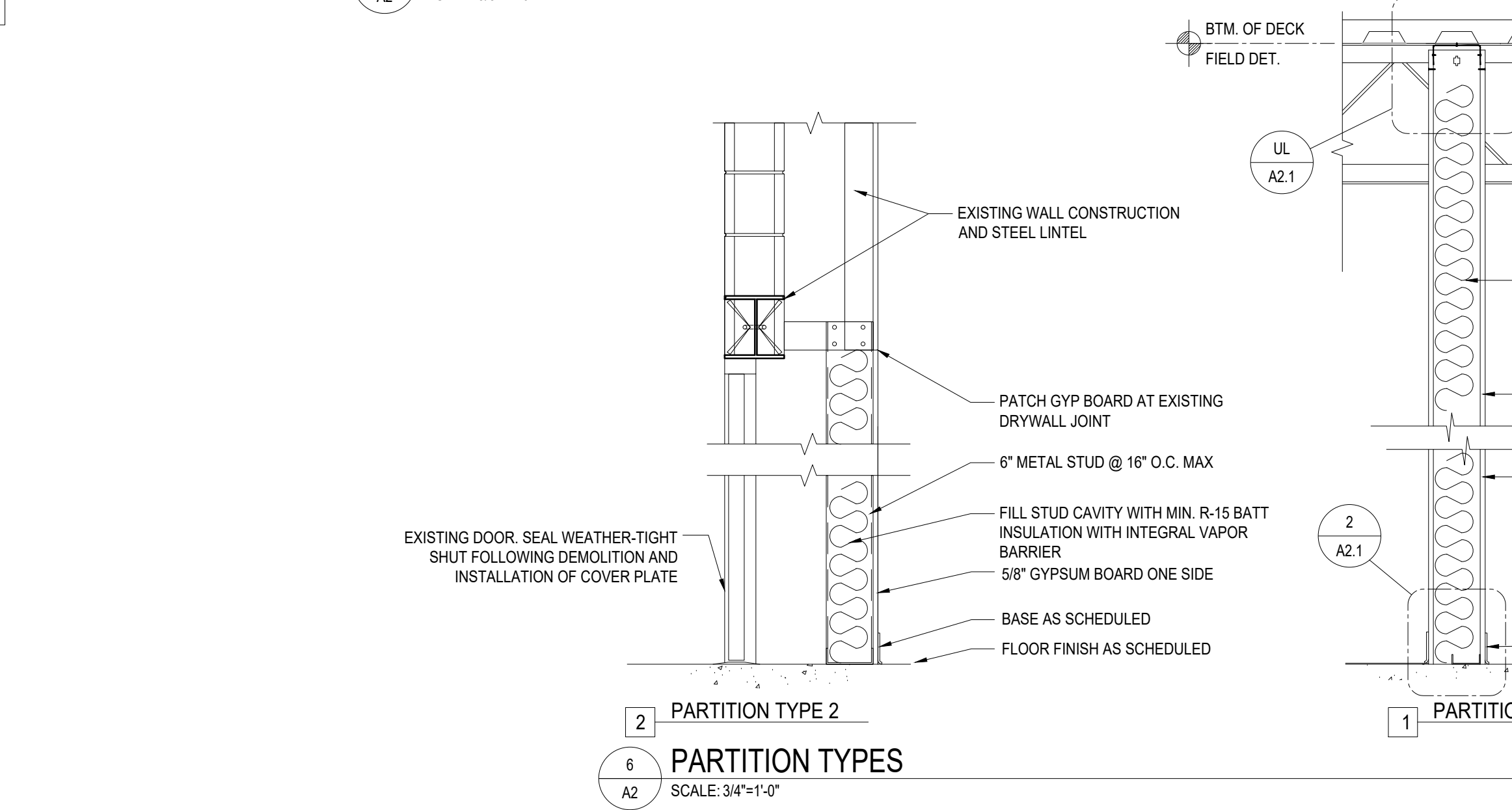
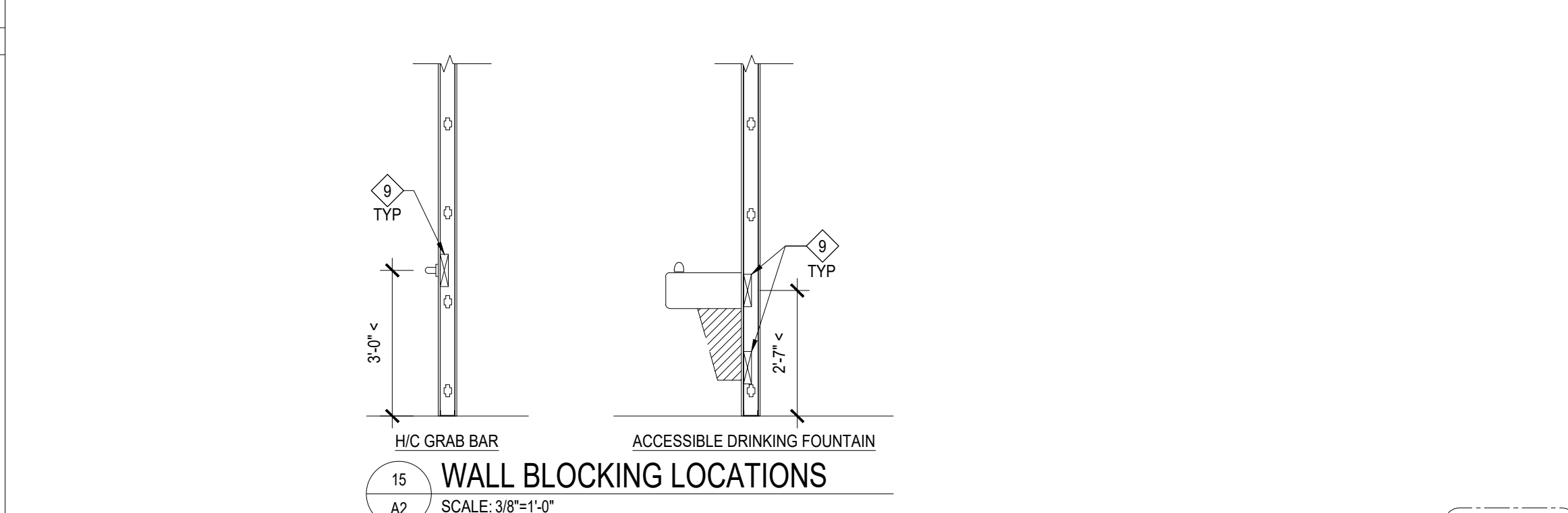
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HARDWARE SCHEDULE		
GROUP #1 - EXTERIOR EGRESS DOOR		
QTY	DESCRIPTION	NUMBER - FINISH
1	HINGES	WES 8861 NIP - US20
1	EXIT DEVICE	DETEX V40EX x EXIT TRIM 03AN 028
1	MORTISE CYLINDER	YALE K620 1 1/2" MK - 028
1	RM CYLINDER	YALE K640 MK - 028
1	CYLINDER CORE	YALE K600 CMK - 028
1	SURFACE CLOSER	NORTON PR820H - 689
1	KICK PLATE	ROCKWOOD K1050 12H. x 2" LDW BAE
1	THRESHOLD	CSK - US20
1	SWEEP	PEMKO 171A
1	RAIN DRIP	PEMKO 315CN
1	GASKETING	PEMKO 346C
1	DOOR VIEWER	ROCKWOOD 622
GROUP #2 - TOILET ROOMS		
QTY	DESCRIPTION	NUMBER - FINISH
1	PRIVACY SET	ASSA ABLOY TACT14 - US20
1	WALL STOP	YALE PB 460LN - 028
1	WALL STOP	CSK - US20
GROUP #3 - ALUMINUM STOREFRONT DOORS		
QTY	DESCRIPTION	NUMBER - FINISH
1	CONTINUOUS GEARED HINGE	PEMKO CMV SL7-HD1
1	MORTISE DEADLOCK	ADAMS RTE MS 802SN - 028
1	MORTISE CYLINDER	YALE K620 1 1/4" MK - 028
1	CYLINDER CORE	YALE K600 CMK - 028
1	CYLINDER T-TURN	ADAMS RTE 406B - 130
1	DOOR PULL	ROCKWOOD BF15T MTG-TYPE 1H0 - US20
1	PUSH BAR	ROCKWOOD T47 MTG-TYPE 3 - US20
1	SURFACE CLOSER	NORTON UN8501 - 689
1	FLOOR STOP	ROCKWOOD 48N EXP - US20
1	THRESHOLD	PEMKO 271A
1	DOOR SWEEP	PEMKO 315CN
1	GASKETING	BY DOOR MANUFACTURER
1	RAIN GUARD	PEMKO 346C
1	SEAL	ROCKWOOD 692
GROUP #4 - RECEIVING DOOR		
QTY	DESCRIPTION	NUMBER - FINISH
8	HINGES	WES 8861 NIP 4.0M 3.5 - US20
2	FLUSH BOLT	ROCKWOOD 555 (12" 24" AS REQ'D) - US20
1	DUST PROOF STRIKE	ROCKWOOD 570 - US20
1	ALARM RIM EXIT DEVICE (ACTIVE LEAF)	DETEX V40EX TRIM 03AN EB - 028
1	MORTISE CYLINDER	YALE K620 1 1/2" MK - 028
2	CYLINDER CORE	YALE K600 CMK - 028
1	RM CYLINDER	YALE K640 MK - 028
1	SURFACE CLOSER	NORTON PR820H - 689
1	KICK PLATE	ROCKWOOD K1050 12H14" LDW BAE CSK - US20
2	FLOOR STOP	ROCKWOOD 48N EXP - US20
1	THRESHOLD	PEMKO 181 (24" ALUM. PLATE) PEMKO 303AS
1	GASKETING	PEMKO 315 CN
1	RAIN GUARD	PEMKO 346C
1	ASTRAGAL	PEMKO 325P
1	DOUBLE DOOR STRIKE	DETEX 8H (102214) & (102211) PLATE
1	VIEWER	ROCKWOOD 622 - DCRM
GROUP #5 - RECEIVING DOOR		
QTY	DESCRIPTION	NUMBER - FINISH
1	PADLOCK	YALE HAWK PADLOCK
1	HC CYLINDER	W/ INTERCHANGEABLE CYLINDER
GROUP #6 - STORAGE		
QTY	DESCRIPTION	NUMBER - FINISH
1	PASSAGE SET	YALE PB402LN - 028
1	MORTISE CYLINDER	YALE K620 1 1/2" MK - 028
2	CYLINDER CORE	YALE K600 CMK - 028
1	KICK PLATE	ROCKWOOD K1050 12H. x 2" LDW BAE
1	DUST PROOF STRIKE	CSK - US20
1	DUST PROOF STRIKE	ROCKWOOD 570 - US20
NOTES		
1. ALL DOOR HARDWARE SHALL BE SATIN NICKEL FINISH OR BRUSHED ALUM. FINISH		
2. CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN SLBF. NO THUMB TURN PERMITTED.		
3. ADOLBE DETEX (V40) AT ALL SECONDARY EGRESS DOORS		
4. ALL HARDWARE LISTED AS BASIS OF DESIGN. SUBSTITUTES WILL BE CONSIDERED ONLY WITH PRIOR AUTHORIZATION AS AN EQUAL TO SPECIFIED HARDWARE.		
5. FLOOR STOPS IN VESTIBULE SHALL BE LOCATED TO PREVENT DOORS FROM HITTING ADJACENT GLAZING.		
6. THUMB TURN IS PERMITTED IF THE FOLLOWING SIGNAGE IS PROVIDED MIN 1" LETTERS STARTING "THIS DOOR SHALL REMAIN UNLOCKED DURING BUSINESS HOURS"		
7. AAP WILL REPLACE THE CYLINDER CORES AT TIME OF BUILDING TURNOVER.		
8. DOOR TO BE A MAX 5 LBF MAX OPENING FORCE AND CLOSING SPEED FROM 80 DEG TO 15 DEG NOT FASTER THEN 3 SECONDS.		
9. G.C. TO ENSURE THAT THE THRESHOLD DOES NOT EXCEED 1/2" FROM EITHER SIDE.		

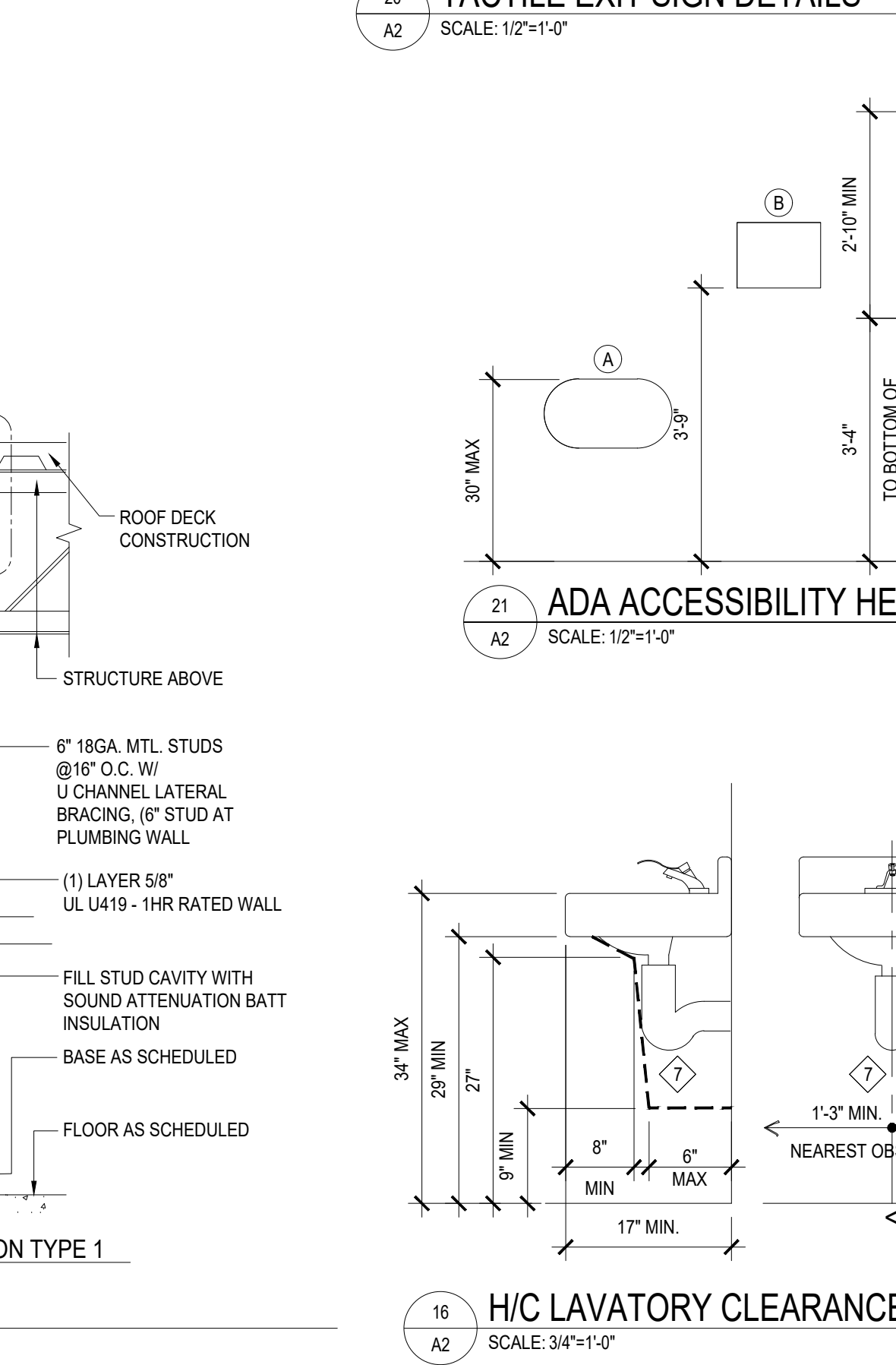
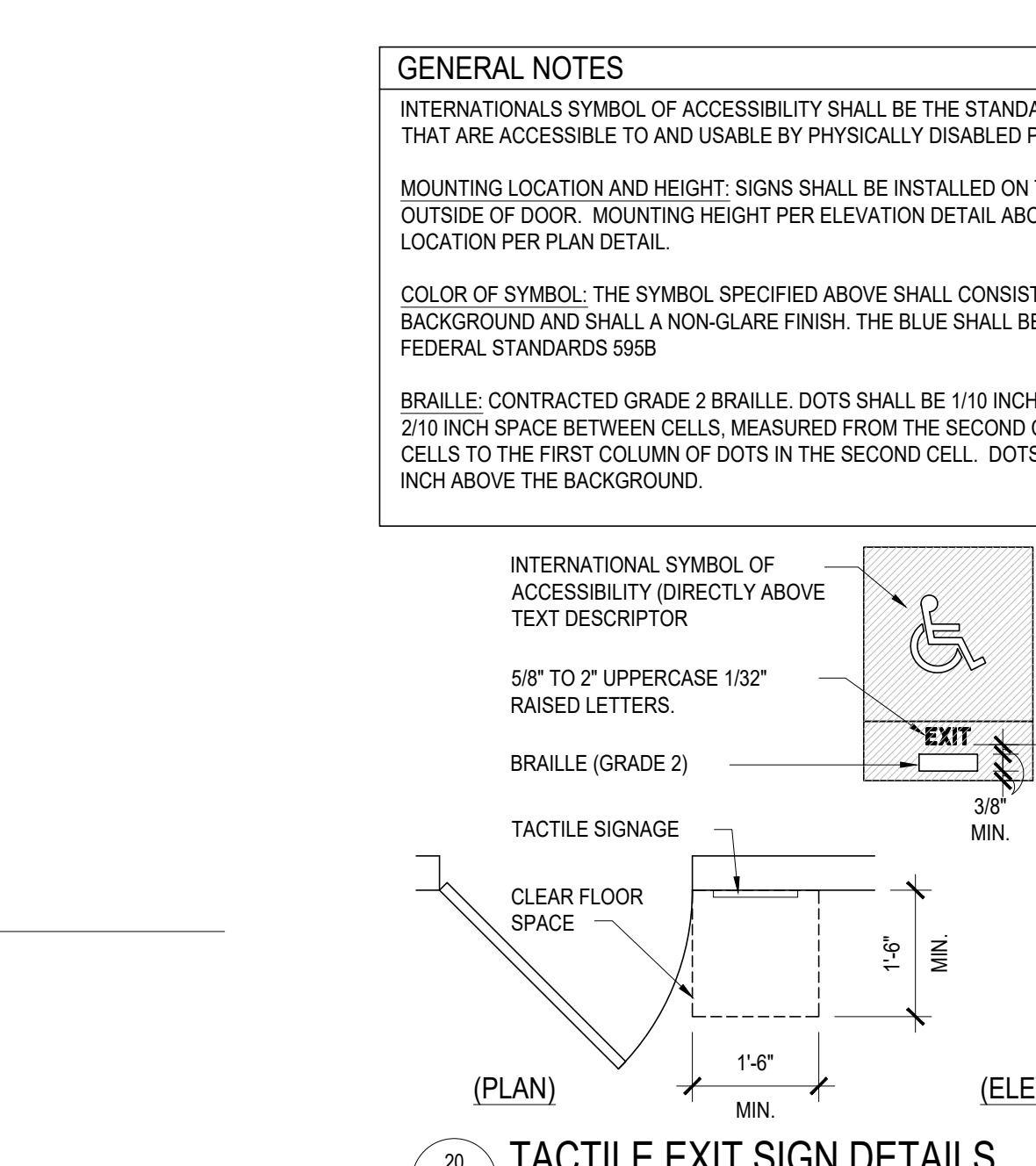
DOOR SCHEDULE		
DOOR #	DOOR LOCATION	DOOR SIZE
101	SALES	(E) 3'-8" X 7'-0" X 1 3/4"
102	UNISEX R.R.	(E) 3'-0" X 7'-0" X 1 3/4"
103	UNISEX R.R.	(E) 3'-0" X 7'-0" X 1 3/4"
104	BREAK ROOM	(E) 3'-0" X 7'-0" X 1 3/4"
105	ELEC. ROOM	(E) 3'-0" X 7'-0" X 1 3/4"
106	STAGING	(E)(2) 3'-0" X 7'-0" X 1 3/4"
107A	LOADING	(E) 3'-0" X 10'-0" X 1 3/4"
107B	LOADING	(E) 9'-0" X 10'-0" X 1 3/4"
108A	STAIR	(E) 3'-8" X 7'-0" X 1 3/4"
108B	STAIR	(E) 3'-8" X 7'-0" X 1 3/4"
108C	STAIR	(E) 3'-8" X 7'-0" X 1 3/4"

MATERIAL	DOOR	FRAME	DOOR ELEV.	FRAME JAMB	HARDWARE	NOTES
AL.	AL.	AL.	-	-	3"	EXISTING STOREFRONT DOOR AND FRAME TO REMAIN.
H.M.	H.M.	B	-	-	2"	EXISTING DOOR AND FRAME TO REMAIN.
H.M.	H.M.	B	-	-	2"	EXISTING DOOR AND FRAME TO REMAIN.
H.M.	H.M.	B	-	-	6"	EXISTING DOOR AND FRAME TO REMAIN.
-	-	E	-	-	-	REMOVE DOOR AND HINGES. ADD DIAMOND PLATE CORNER GUARDS
H.M.	H.M.	C	-	-	1"	EXISTING DOOR AND FRAME TO REMAIN. NEW PANIC HARDWARE.
H.M.	H.M.	D	-	-	5"	EXISTING OVERHEAD DOOR TO REMAIN. CLEAN, SERVICE AND REPAIR TO LIKE-NEW CONDITION.
H.M.	H.M.	C	-	-	1"	EXISTING DOOR AND FRAME TO REMAIN. NEW PANIC HARDWARE.
H.M.	H.M.	C	-	-	1"	EXISTING DOOR AND FRAME TO REMAIN. NEW PANIC HARDWARE.
H.M.	H.M.	C	-	-	1"	EXISTING DOOR AND FRAME TO REMAIN. PROVIDE ENTRANCE SET HARDWARE TO LIMIT ACCESS TO SPACE.

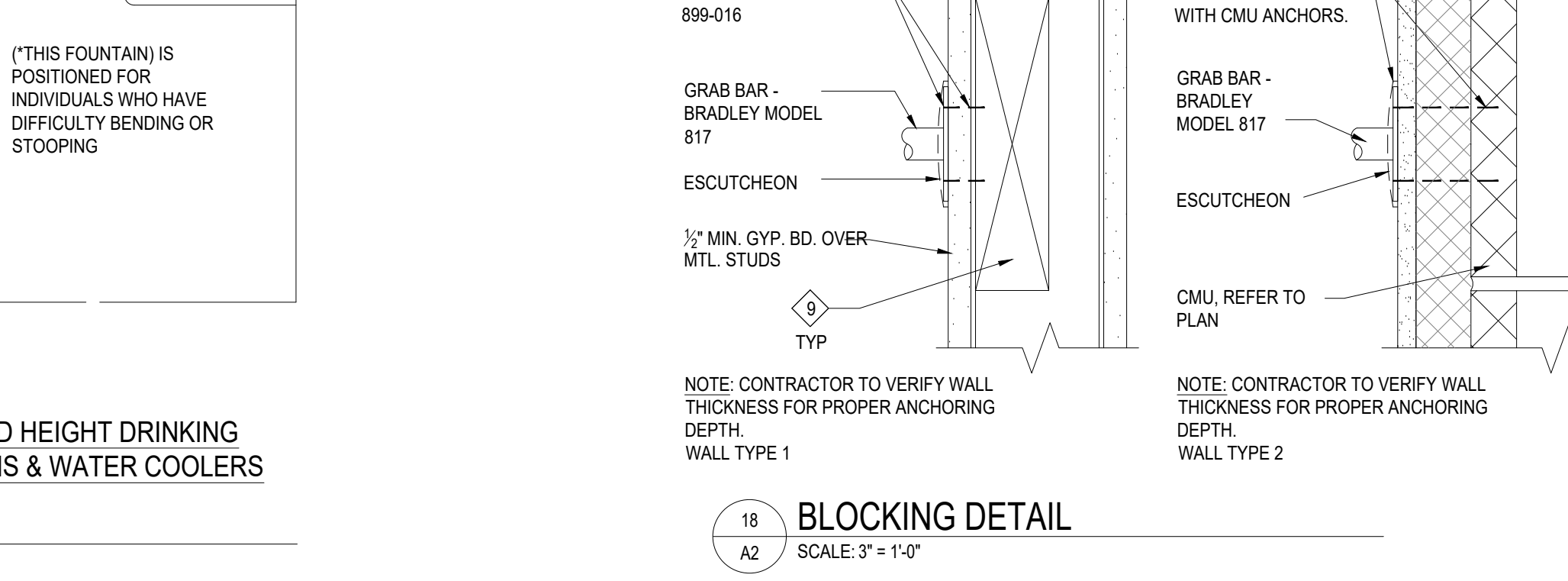
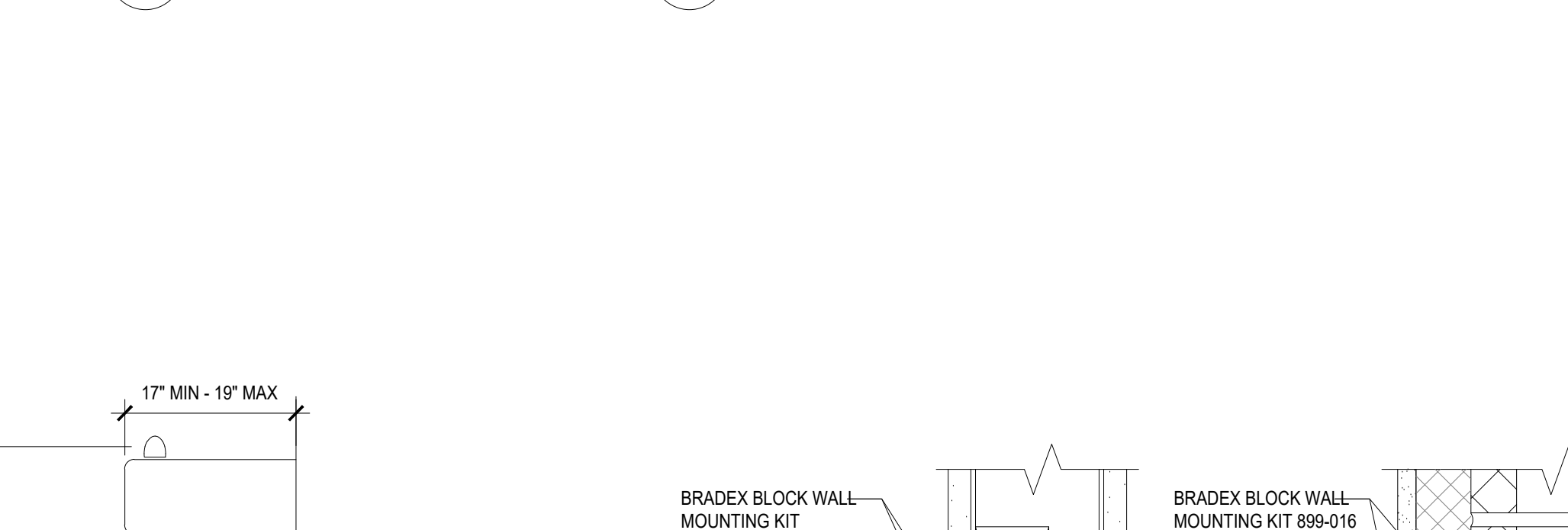
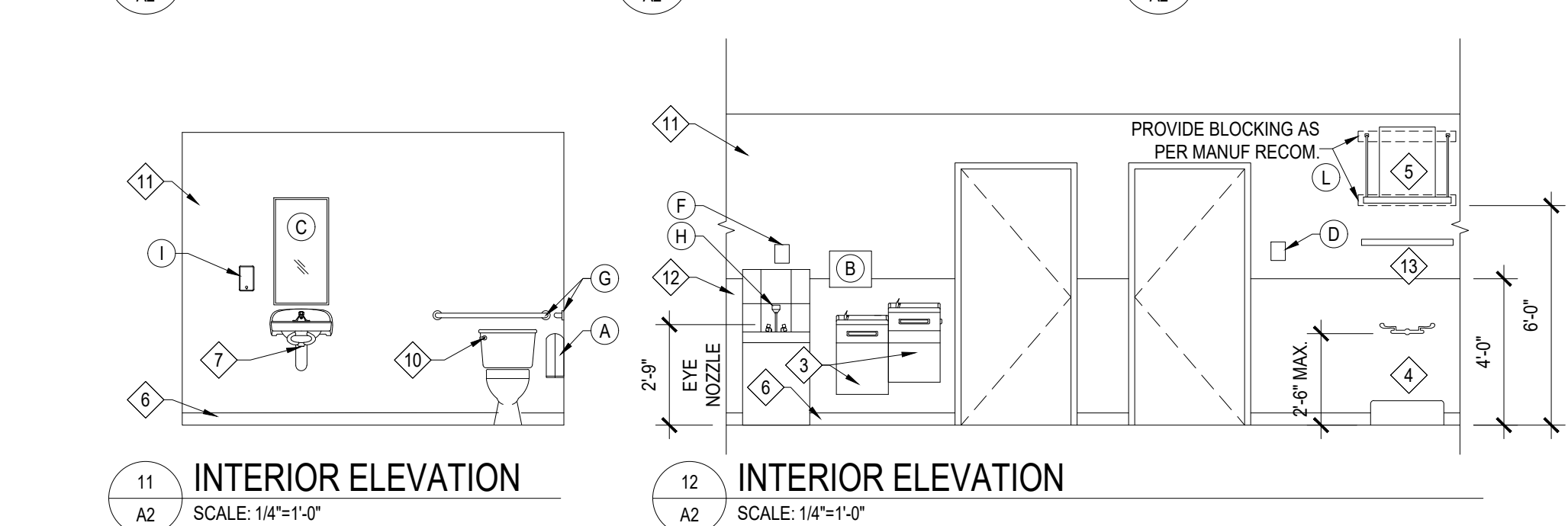
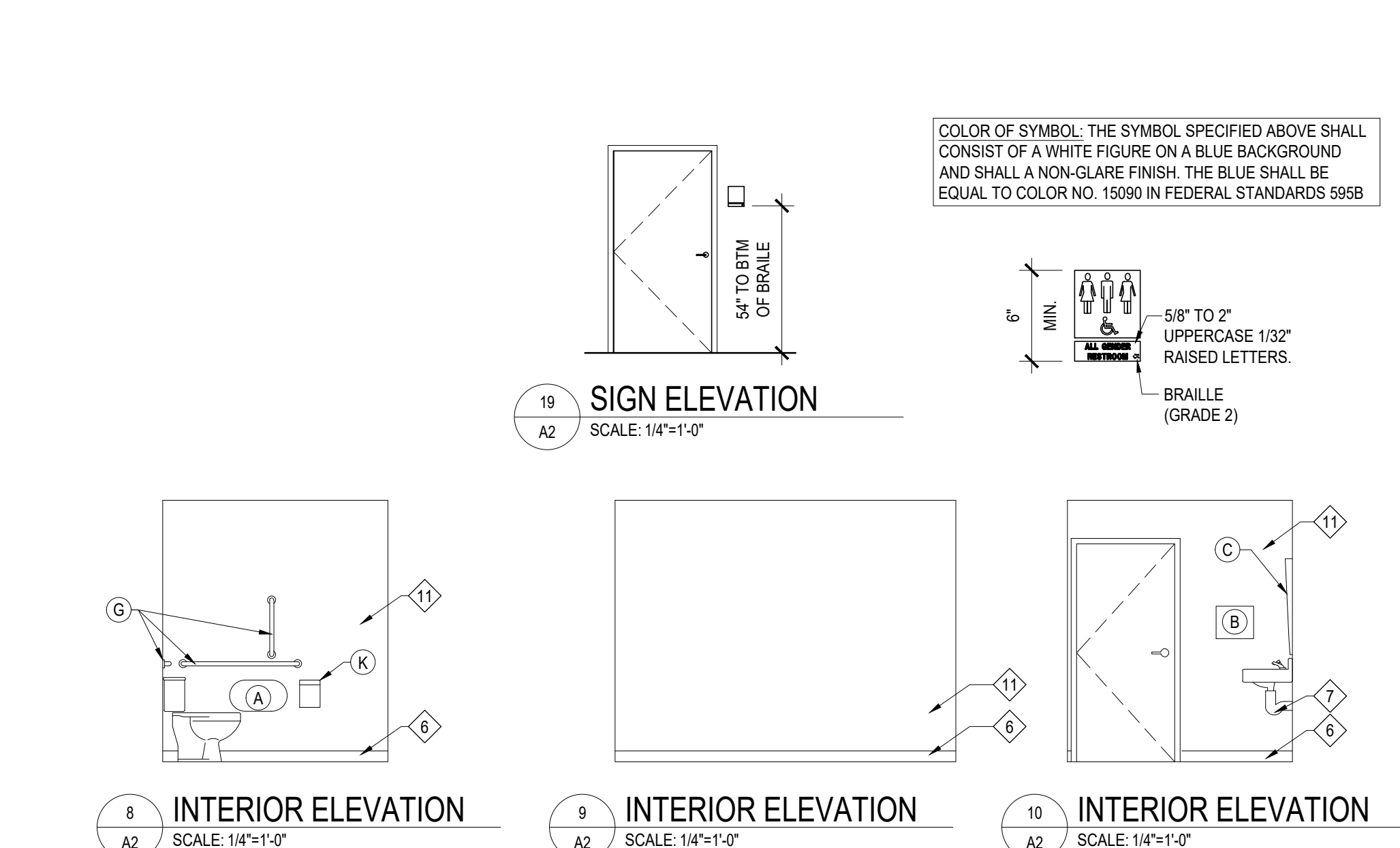
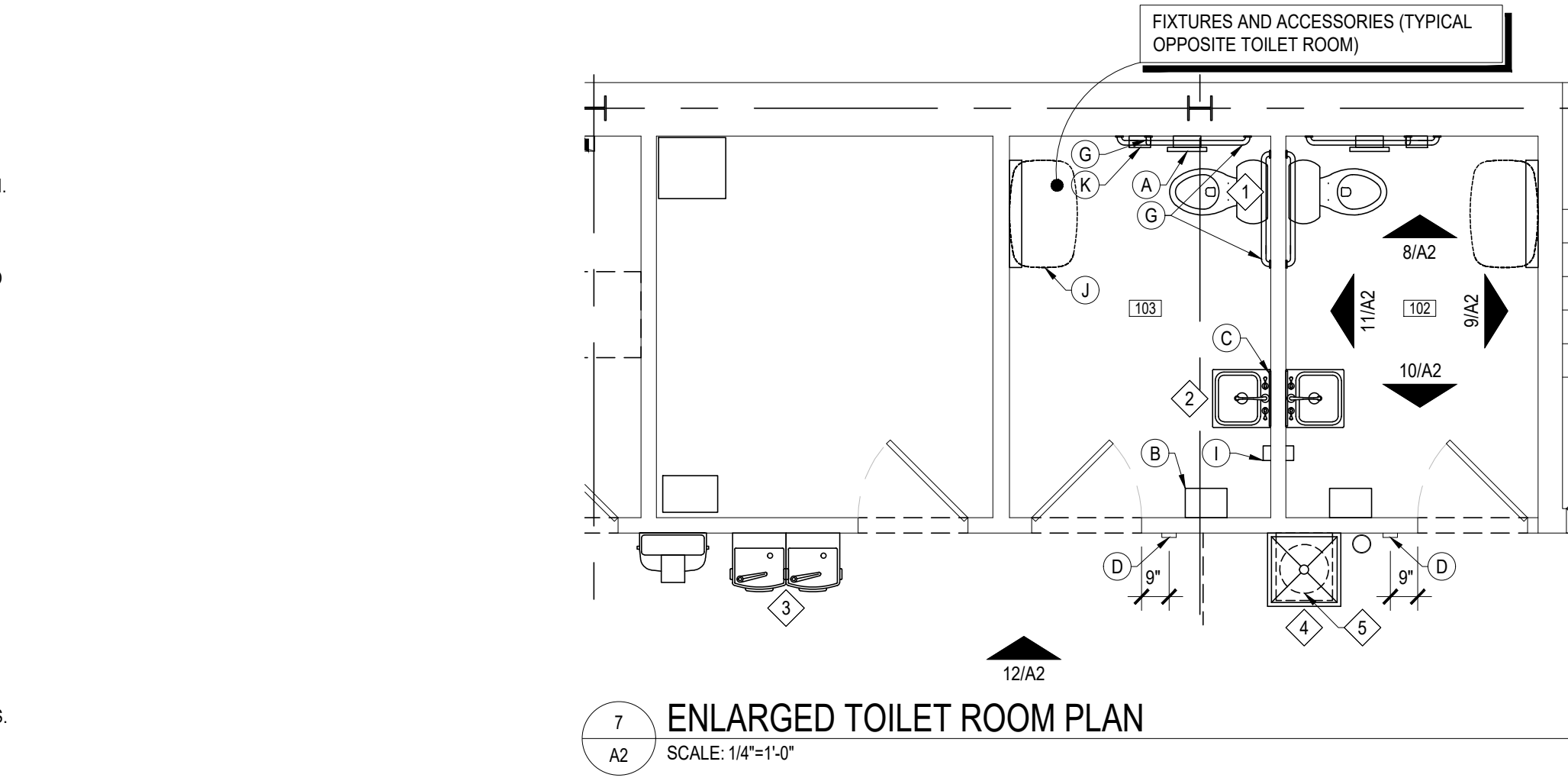
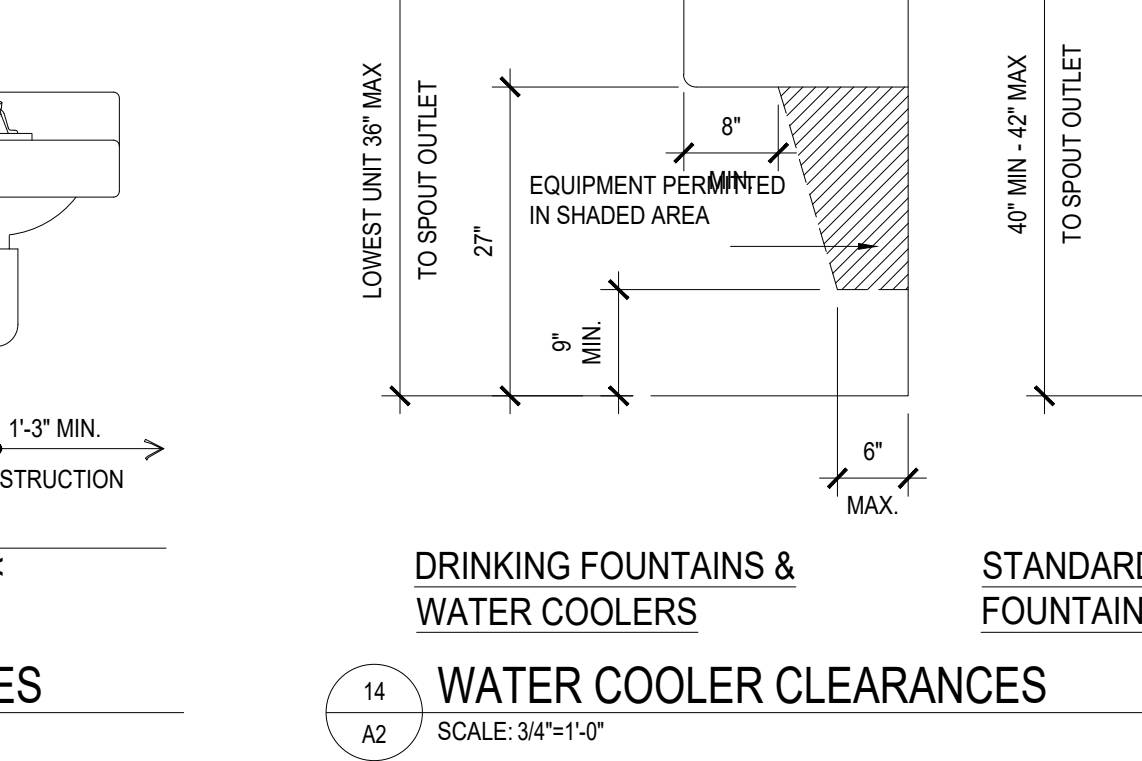
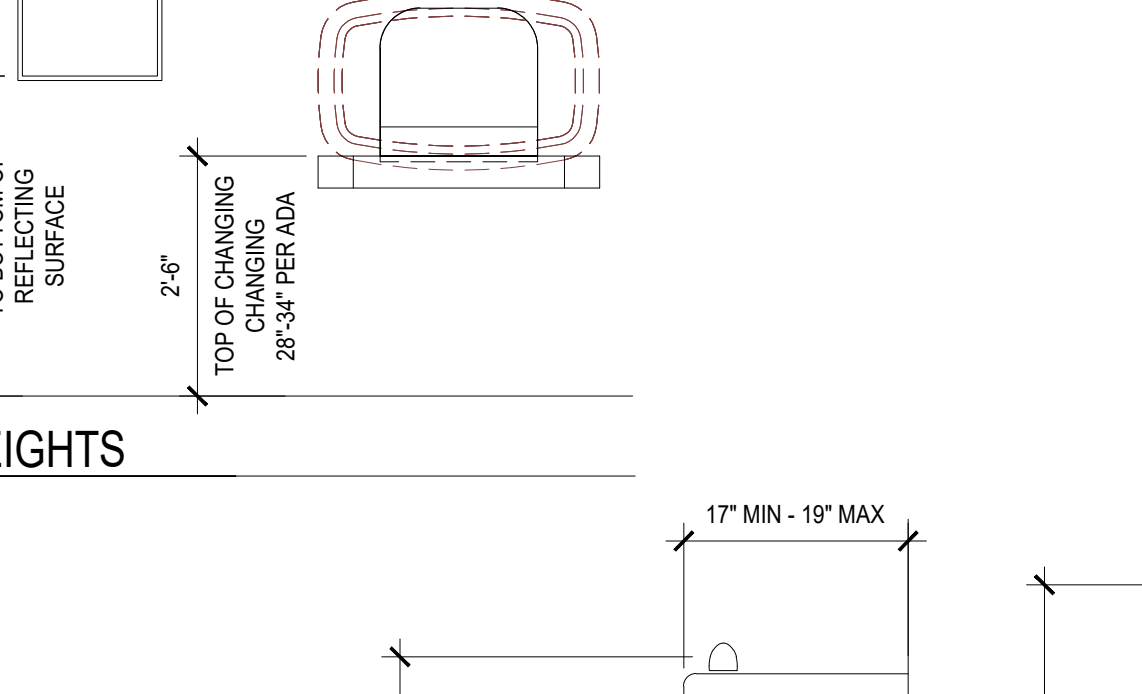
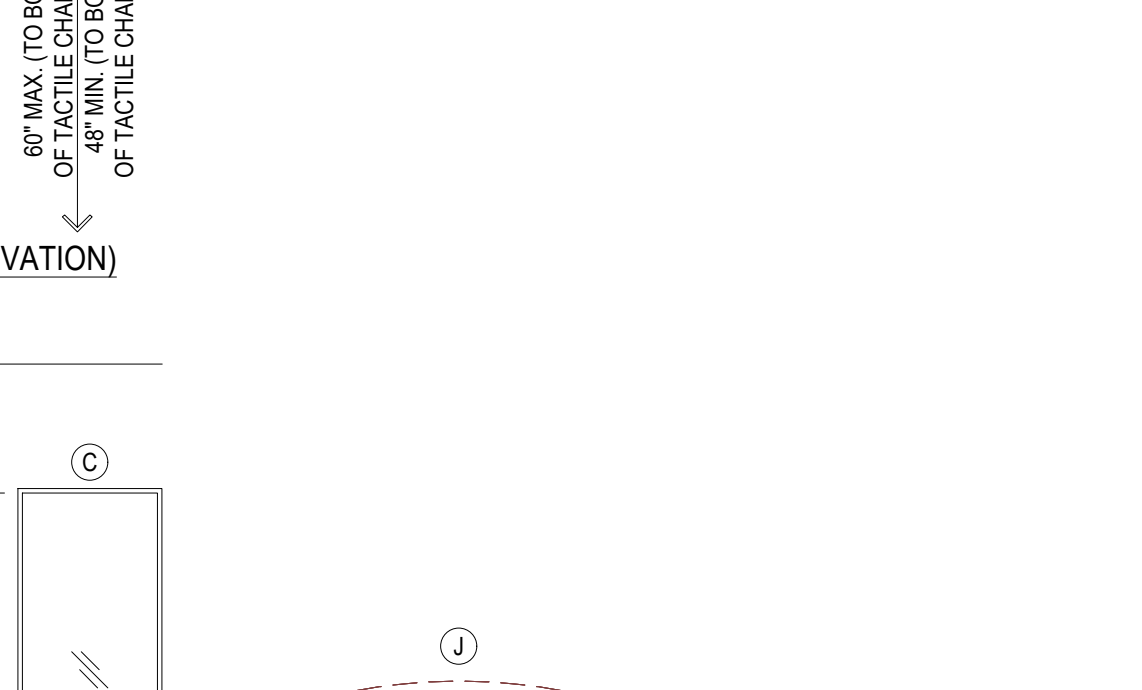
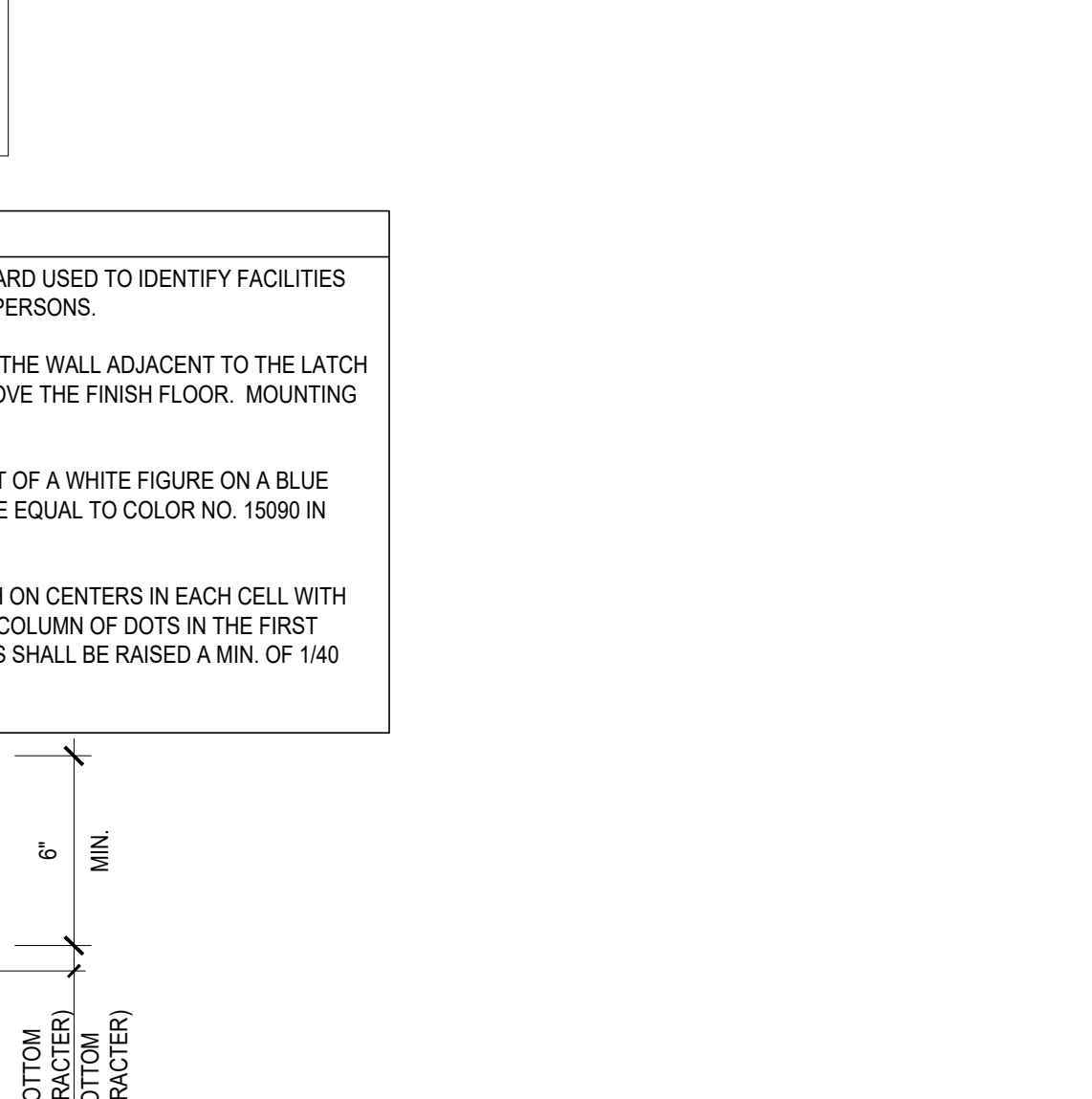
NOTE: ALL EXISTING DOORS TO REMAIN ARE TO RECEIVE NEW CYLINDERS AND BE RE-KEYED TO MATCH AAP HARDWARE AS REQUIRED.



ACCESSORY SCHEDULE	
LABEL	DESCRIPTION
(A)	ADA COMPLIANT TOILET TISSUE DISPENSER
(B)	ADA COMPLIANT PAPER TOWEL DISPENSER
(C)	MIRROR, 18"x24" W/ METAL RIM
(D)	ADA COMPLIANT GENDER NEUTRAL SIGN. RE: DETAIL 18A2
(E)	NOT USED
(F)	ADA COMPLIANT "EMERGENCY EYE WASH" SIGN
(G)	GRAB BAR, (2) ASH K850106R (2) ASH K851042 (2) ASH K8501K16
(H)	BRADLEY WALL MTD. EMERGENCY EYE WASH #519-021. REFER TO RESPONSIBILITY MATRIX FOR ORDERING INFORMATION. G.C. REQ'D TO INITIALLY SET UP EYE WASH PER MANUFACTURERS RECOMMENDATIONS AND TO PROVIDE SOLUTION FOR 1 YEAR. REFER TO PLUMBING DRAWINGS.
(I)	SOAP DISPENSER
(J)	BABY CHANGING STATION, KOLA KARE KB300-05, COLOR "WHITE GRANITE", SURFACE MOUNTED. SEE BLOCKING DETAIL 18A2
(K)	SANITARY NAPKIN DISPOSAL, B-27H, SURFACE MOUNTED
(L)	ADA COMPLIANT RECESSED PAPER TOWEL DISPENSER PROVIDED AND INSTALLED BY G.C. BORBCK B-35003
NOTES	
1. TOILET TISSUE DISPENSER, PAPER TOWEL DISPENSER AND SOAP DISPENSER. FURNISHED BY AAP AND INSTALLED BY G.C. REFER TO RESPONSIBILITY MATRIX FOR ORDERING INFORMATION.	
2. TOILET ACCESSORIES FURNISHED AND INSTALLED BY G.C.	



- KEY NOTES:
- WATER CLOSET. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - WALL MOUNTED LAVATORY. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - B-LEVEL DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION. PROVIDE CANE APRON ON HIGH FOUNTAIN. PROVIDE BLOCKING AS REQ'D AND INSTALL PER MANUFACTURERS INSTRUCTIONS.
 - MOP SINK. MOUNT HOSE CLIP 4" ABOVE MOP SINK BASIN CENTERED ON THE FAUCET. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - WATER HEATER ON WALL MOUNTED WATER HEATER PLATFORM BY G.C. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - 4" VINYL BASE. REFER TO MATERIAL SCHEDULE ON SHEET A1 FOR ADDITIONAL INFORMATION.
 - PLUMBING CONTRACTOR TO PROVIDE ADA PIPE WRAP AS SPECIFIED ON ALL EXPOSED PLUMBING SUPPLY AND DRAIN LINES BELOW LAVATORY. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - URNAL. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - CONTINUOUS 2x8 BLOCKING
 - FLUSH VALVE HANDLE SHALL BE MOUNTED ON WIDE SIDE OF TOILET AREA. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
 - PROVIDE MOISTURE RESISTANT PAINTED WALL AT ALL RESTROOM, CLEANING, AND EVC WALLS.
 - FRP. REFER TO MATERIAL SCHEDULE FOR ADDITIONAL INFORMATION.
 - MOP HANGER SUPPLIED INSTALLED BY G.C. MOUNTED @ 80" AFF. NOTHING ELSE TO BE MOUNTED ON THIS WALL UP TO 94" ABOVE THE MOP SINK. SEE SHEET P2 FOR SPECIFICATION.



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REVISIONS

NO.	DATE	DESCRIPTION
1	06-05-26	27,044 S.F.

PROJECT: 26-071776S
DRAWN BY: AD
CHECK BY: NU

THESE DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE. PER THE AGREEMENT, THE ARCHITECT HAS BEEN ENGAGED TO PROVIDE PROFESSIONAL DESIGN SERVICES. THE ARCHITECT'S RESPONSIBILITY IS TO PROVIDE A DESIGN THAT MEETS THE PROJECT'S REQUIREMENTS. THE ARCHITECT DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION PROVIDED BY OTHERS. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN SERVICES PROVIDED. THE ARCHITECT'S LIABILITY DOES NOT EXTEND TO THE CONSTRUCTION OF THE PROJECT OR THE PERFORMANCE OF THE PROJECT. THE ARCHITECT'S LIABILITY IS LIMITED TO THE DESIGN SERVICES PROVIDED. THE ARCHITECT'S LIABILITY DOES NOT EXTEND TO THE CONSTRUCTION OF THE PROJECT OR THE PERFORMANCE OF THE PROJECT.

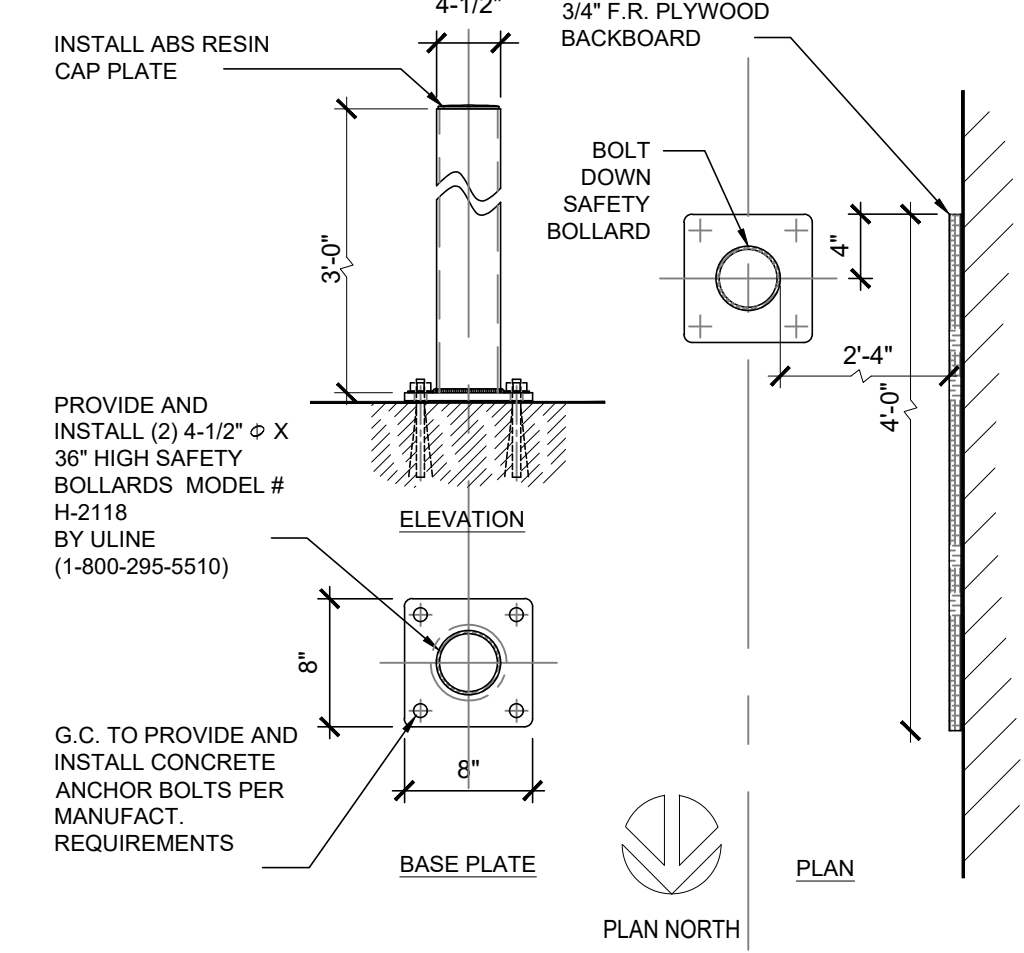
FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

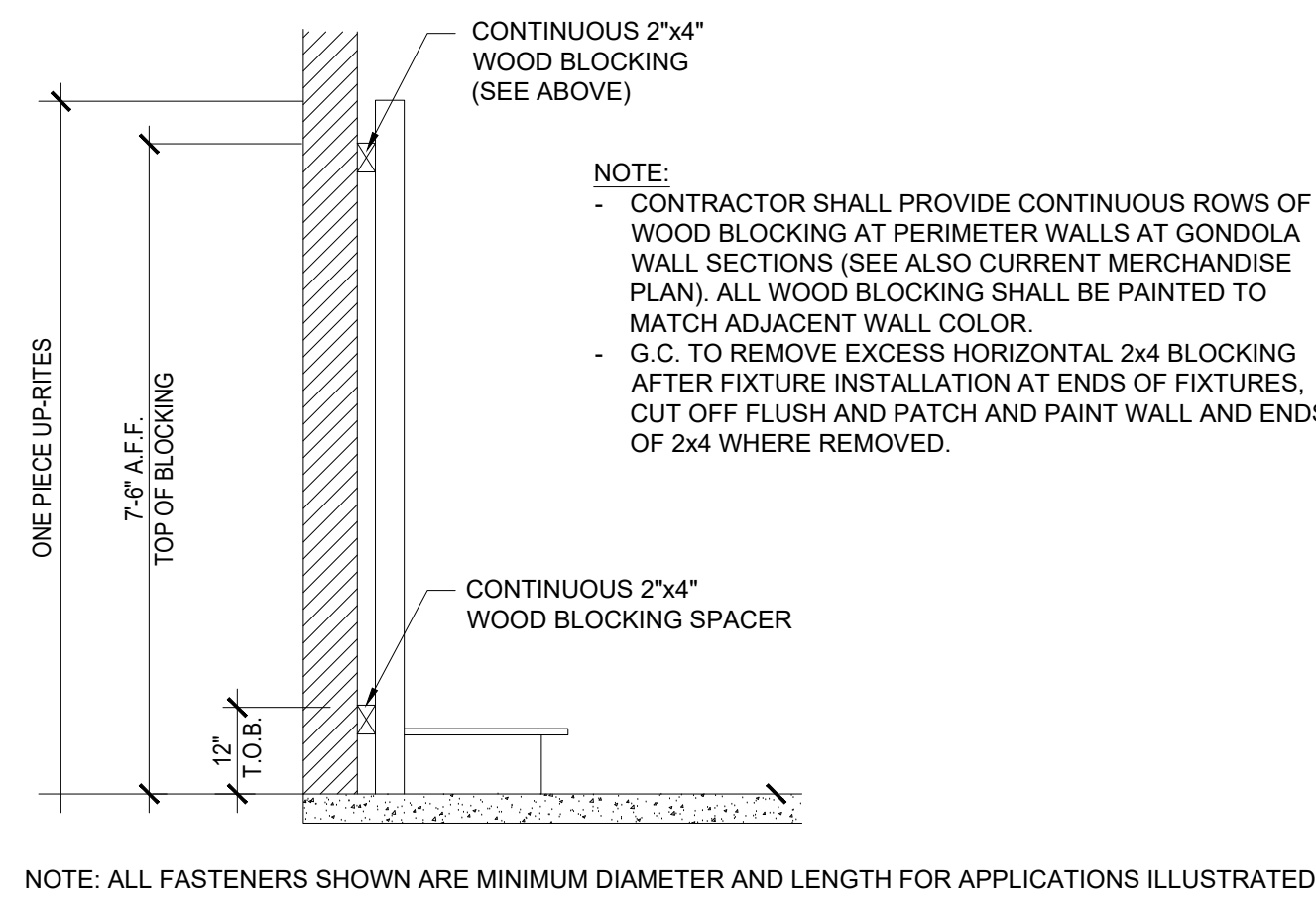
Q1-26

DOOR SCHEDULE
ENLARGED PLAN &
TYPICAL DETAILS

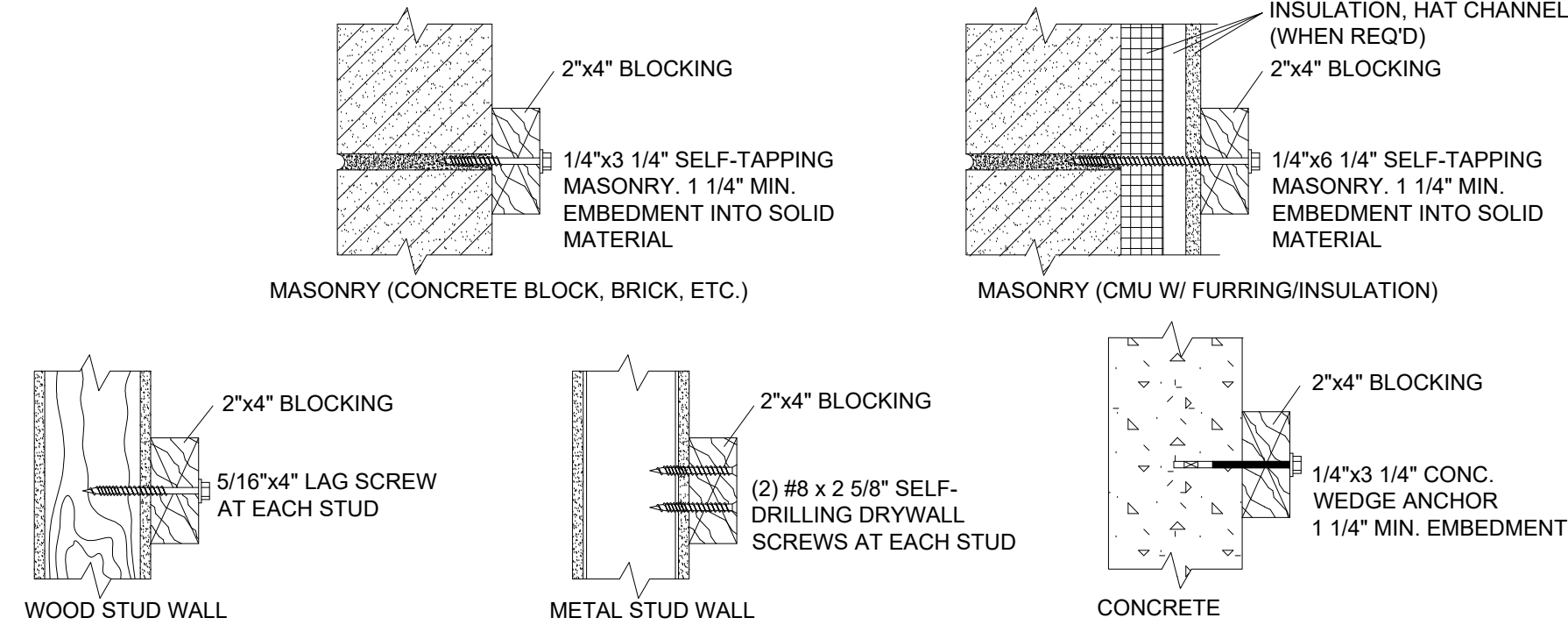
A2



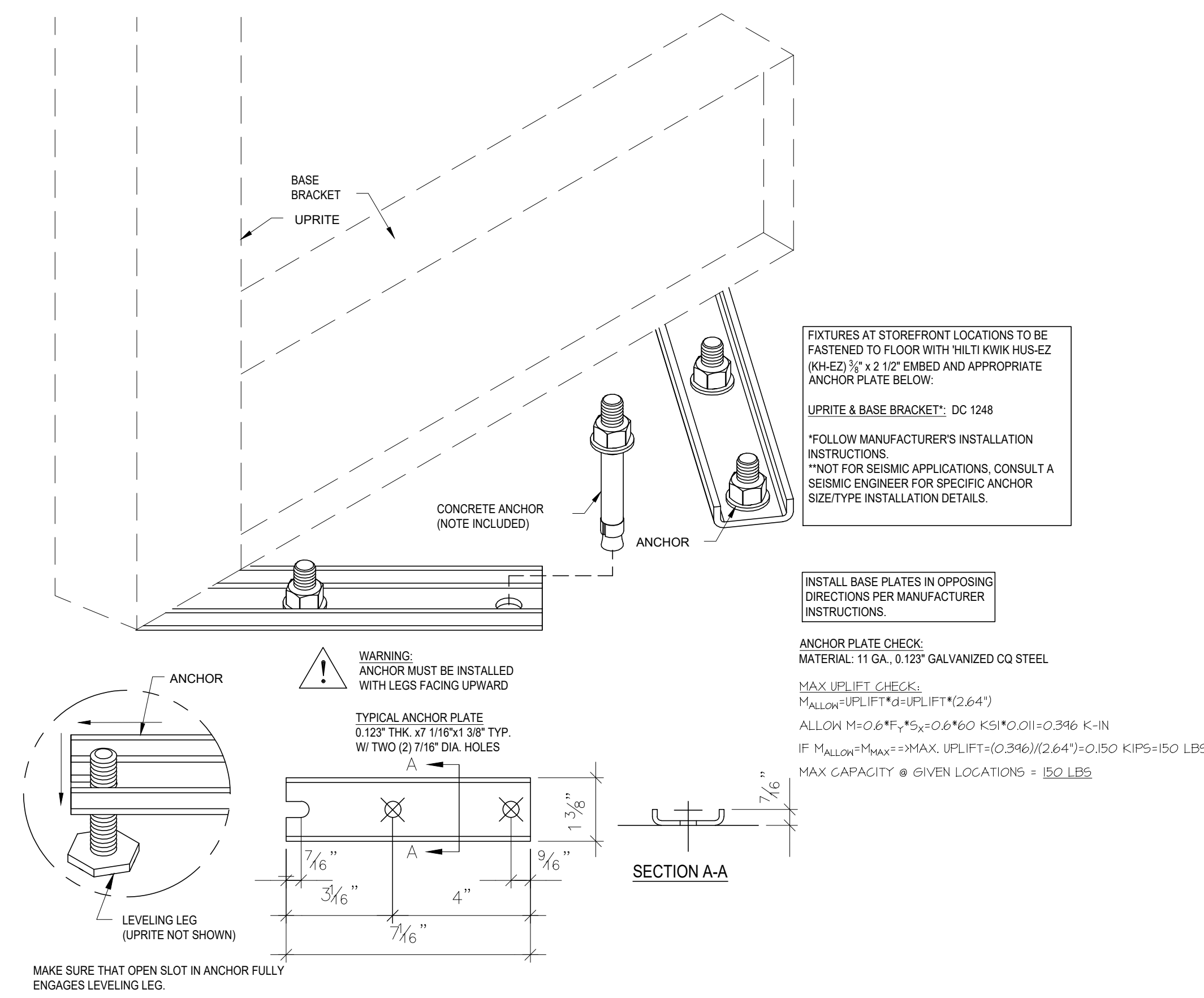
6 SAFETY BOLLAR DETAIL
A3 SCALE: 1" = 1'-0"



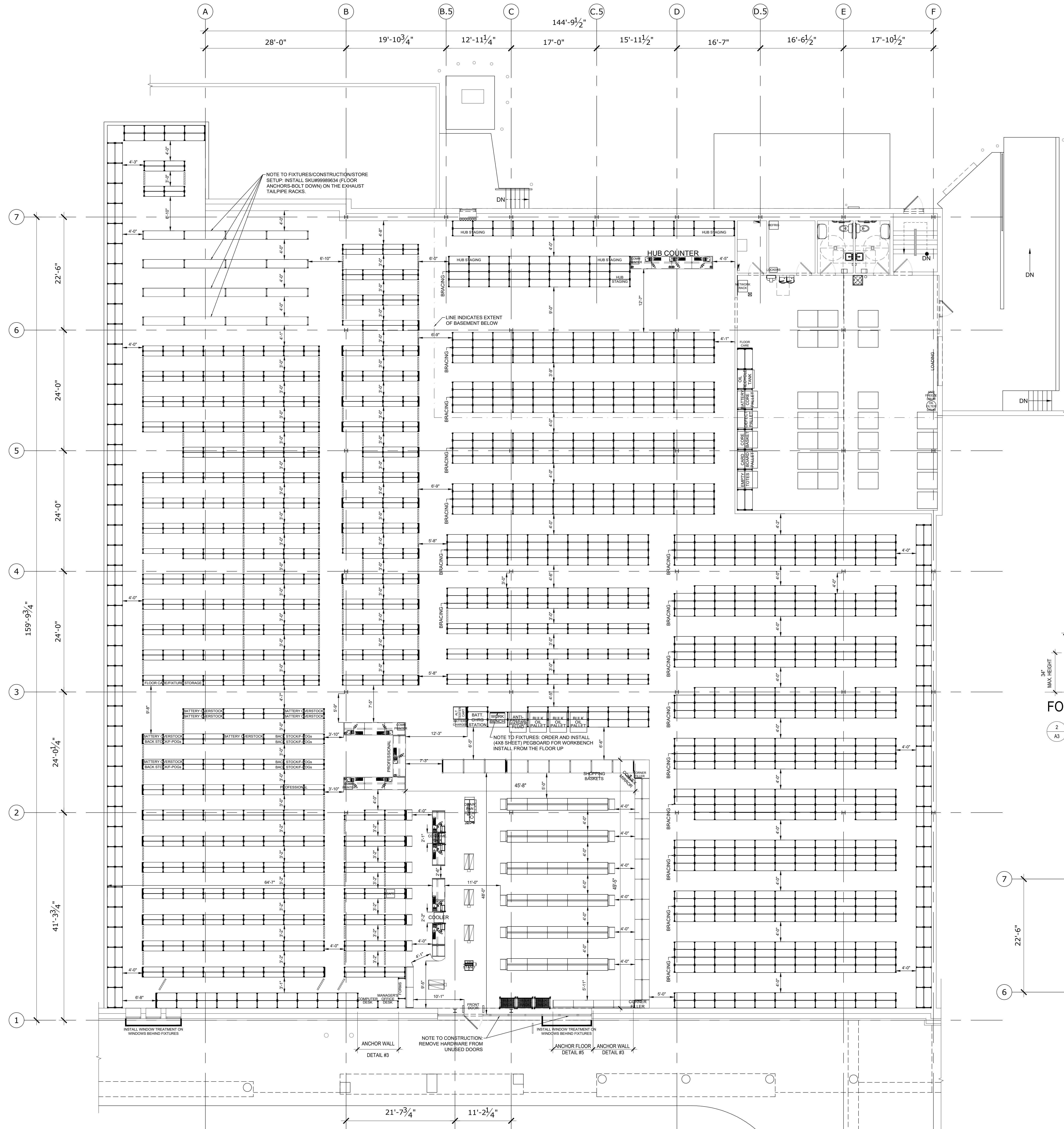
3 BLOCKING AT WALL SECTION
A3 SCALE: N.T.S.



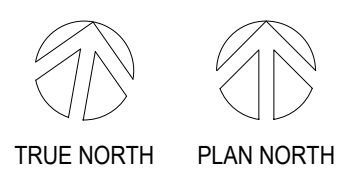
ATTACHING BLOCKING TO WALL



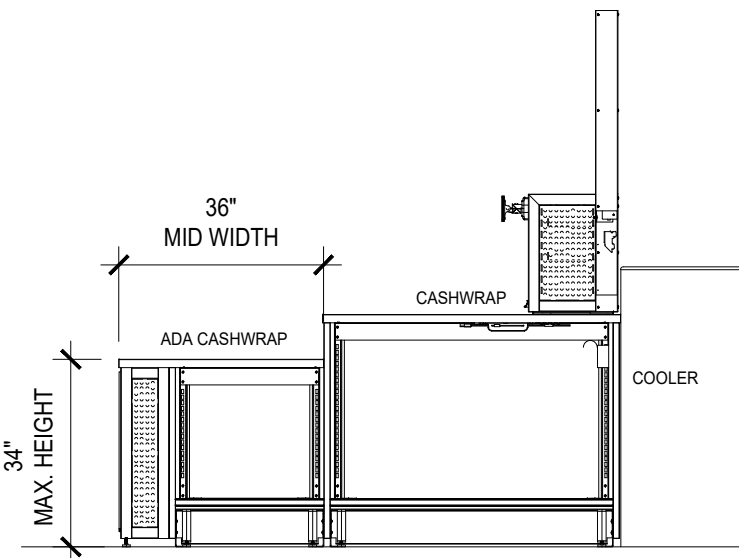
5 ANCHORING AT FLOOR
A3 SCALE: N.T.S.



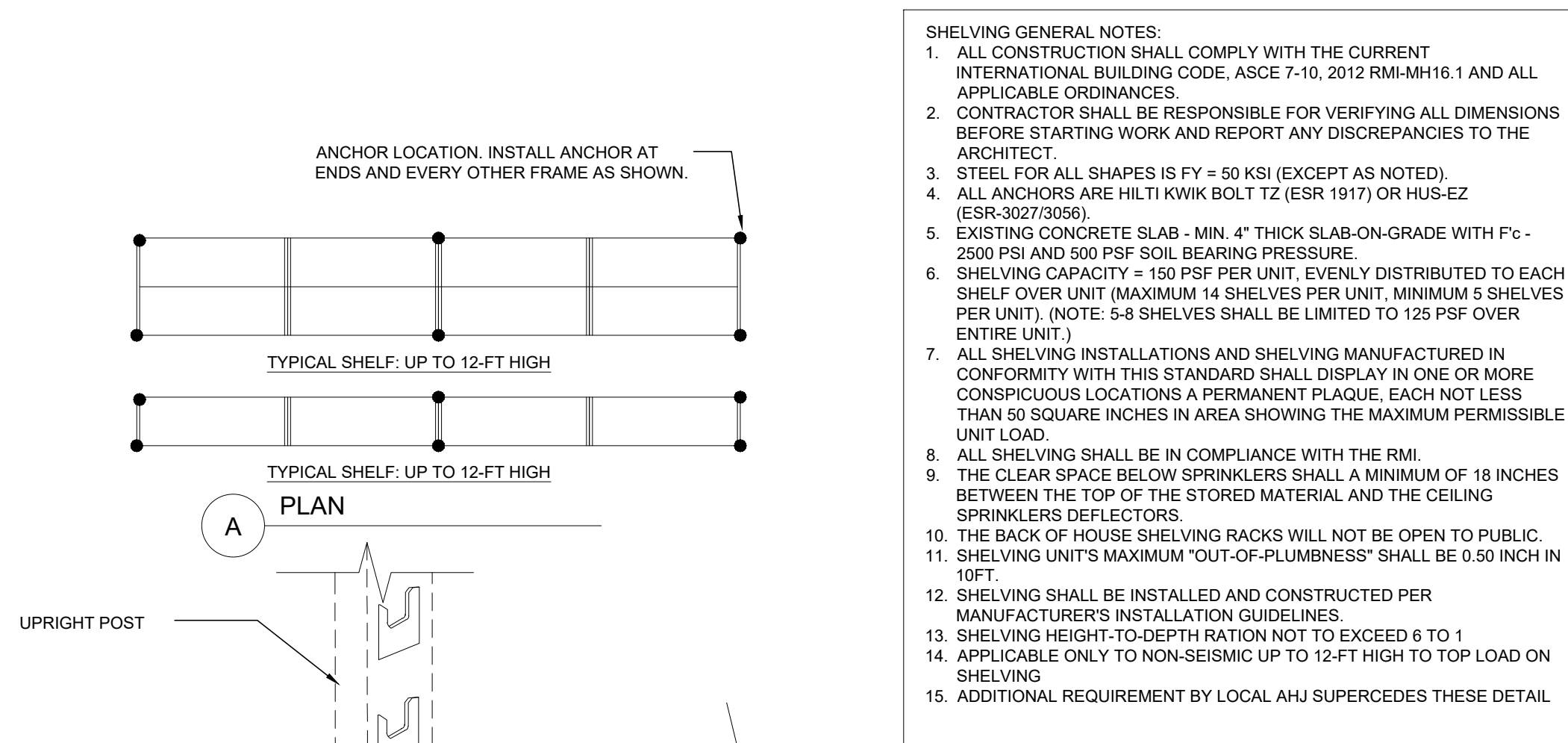
1 MERCHANDISE PLAN-MAIN FLOOR
A3 SCALE: 1/8\"/>



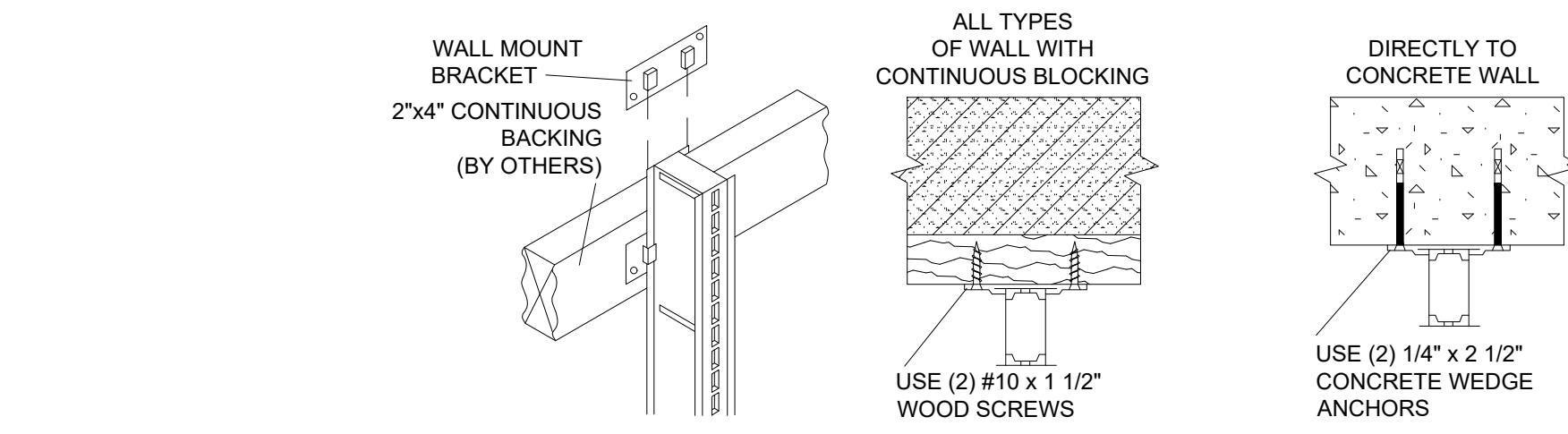
NOTE: SHELVES ARE NOT CONSIDERED HIGH PILED STORAGE AS THEY DO NOT EXCEED 12'-0"



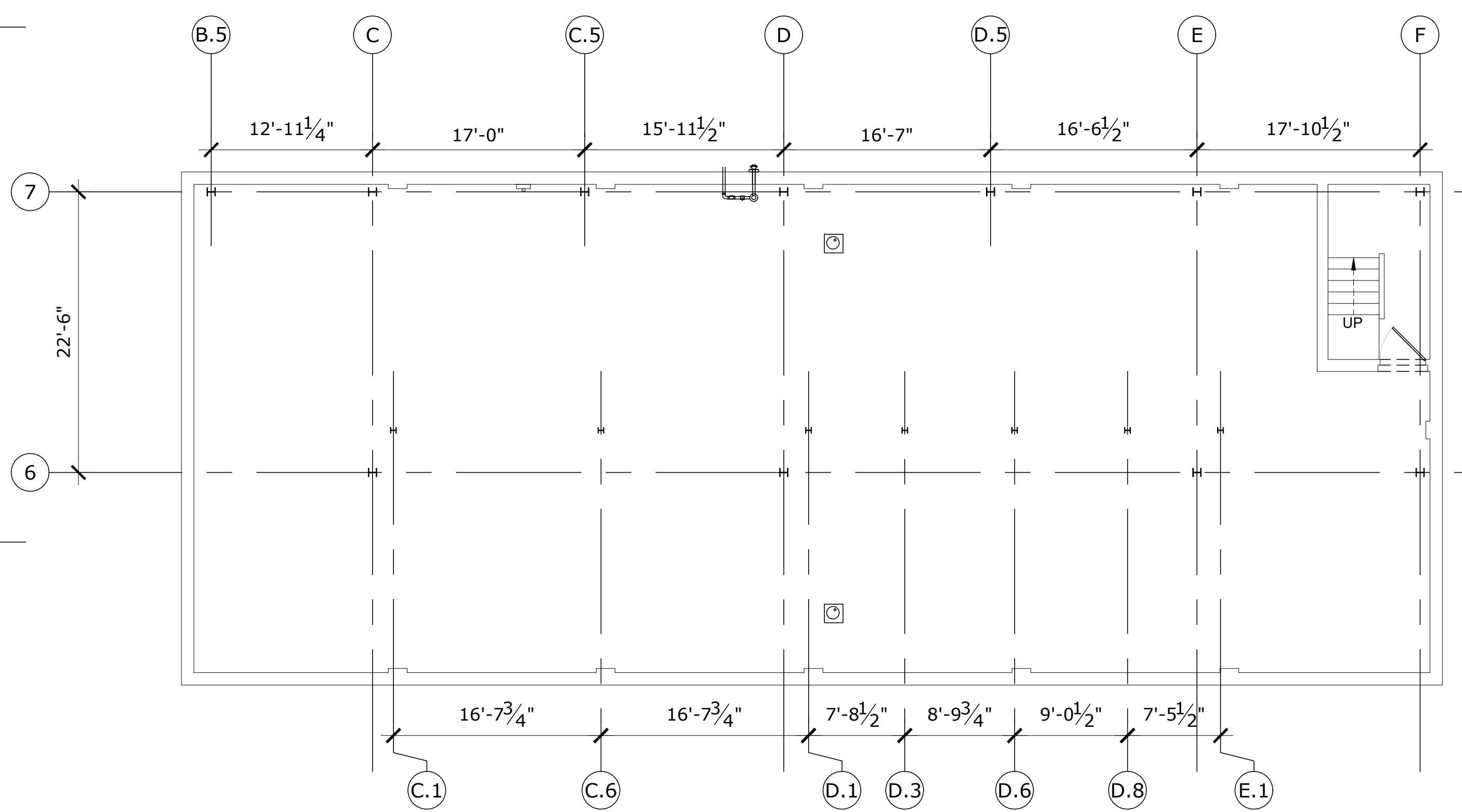
2 ADA COUNTER ELEVATION
A3 SCALE: 3/8\"/>



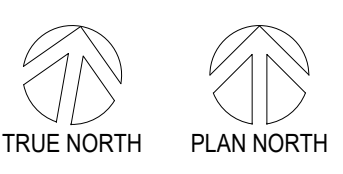
8 SHELVING ANCHORING DETAILS - NON SEISMIC ONLY AND @ BOPIS FIXTURES
A3 SCALE: 1\"/>

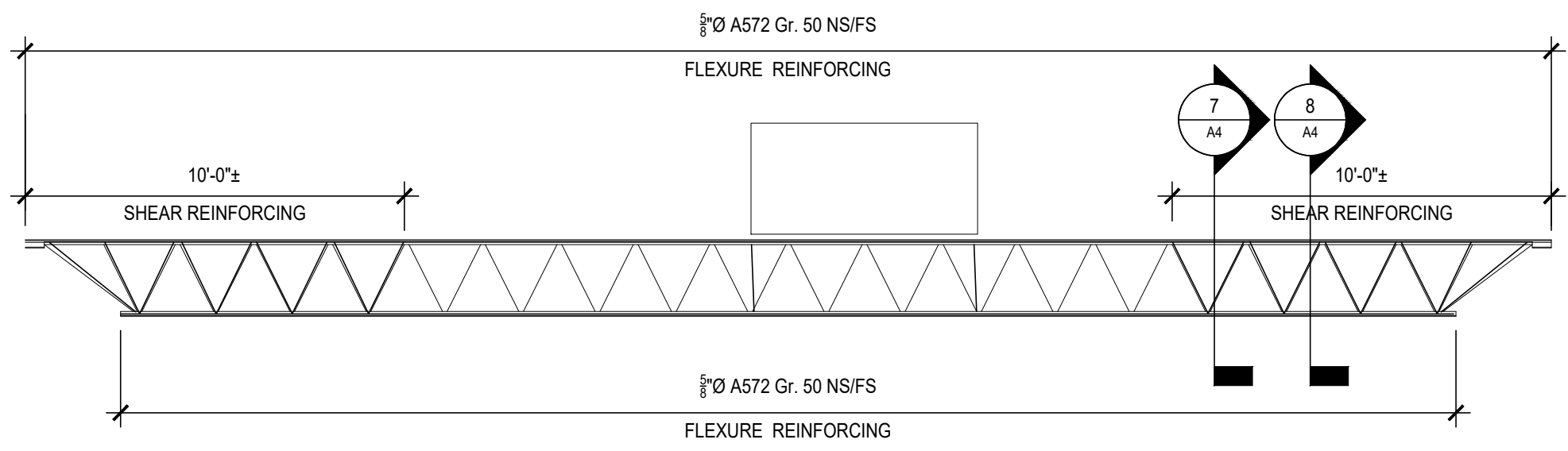


4 FIXTURE ANCHORING AT WALL SECTION
A3 SCALE: N.T.S.

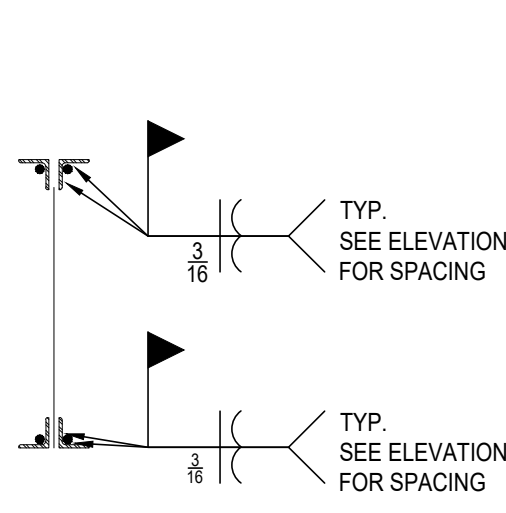


2 FLOOR PLAN - BASEMENT
A3 SCALE: 1/8\"/>

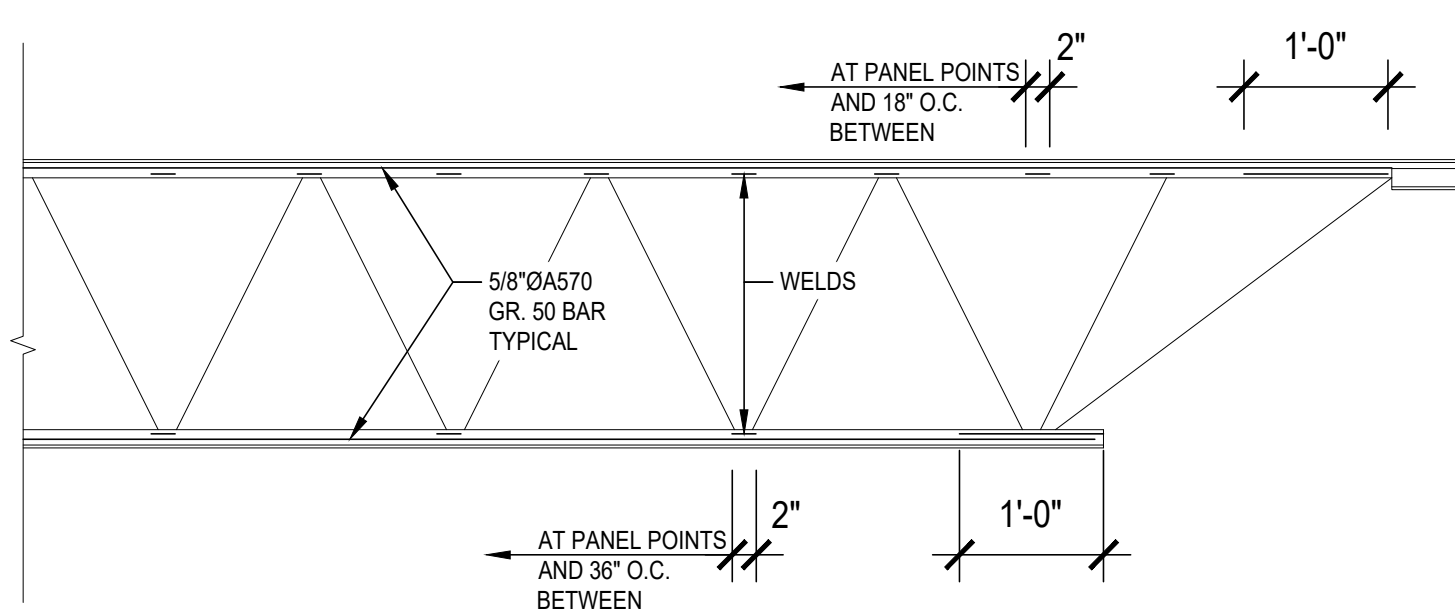




6 JOIST REINFORCING DETAIL
SCALE: 1/4" = 1'-0"



7 FLEXURE REINFORCING AT JOIST
SCALE: 3/4" = 1'-0"



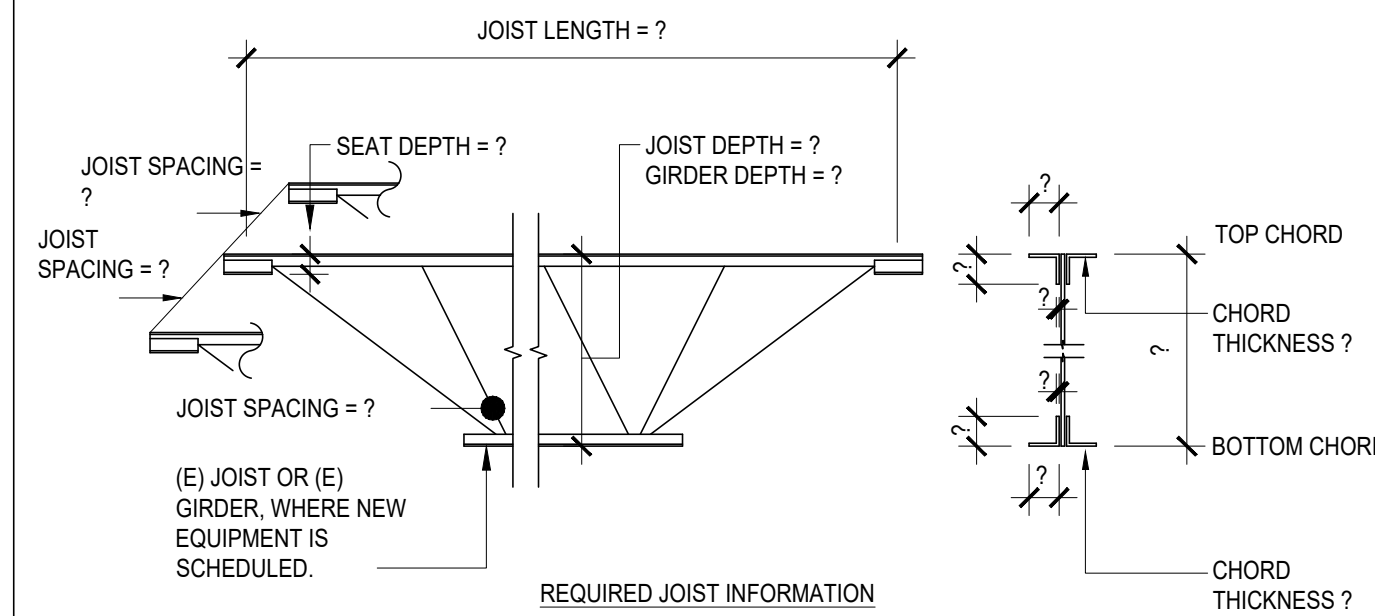
8 SHEAR REINFORCING AT JOIST
SCALE: 3/4" = 1'-0"

JOIST & GIRDER VERIFICATION

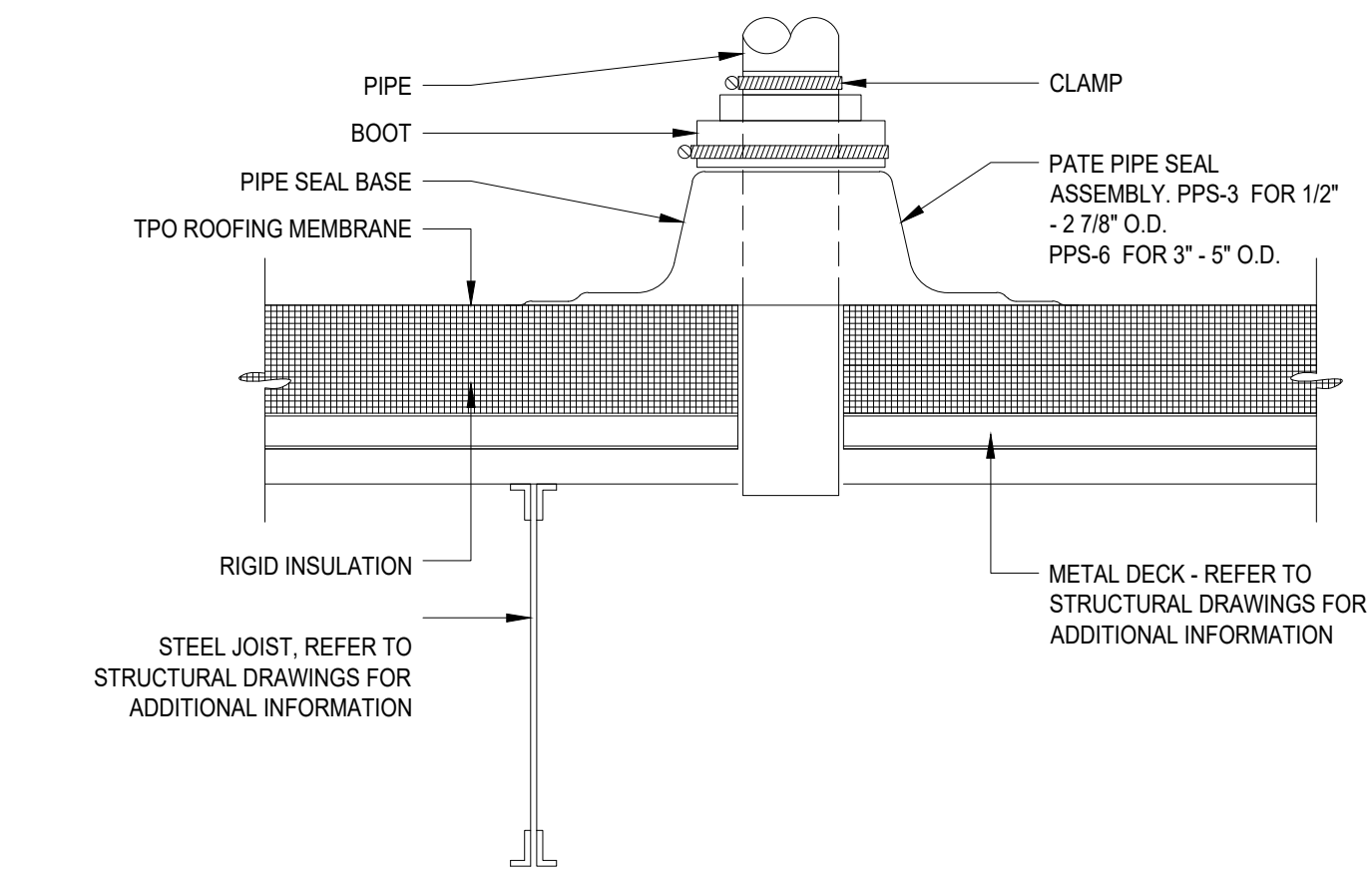
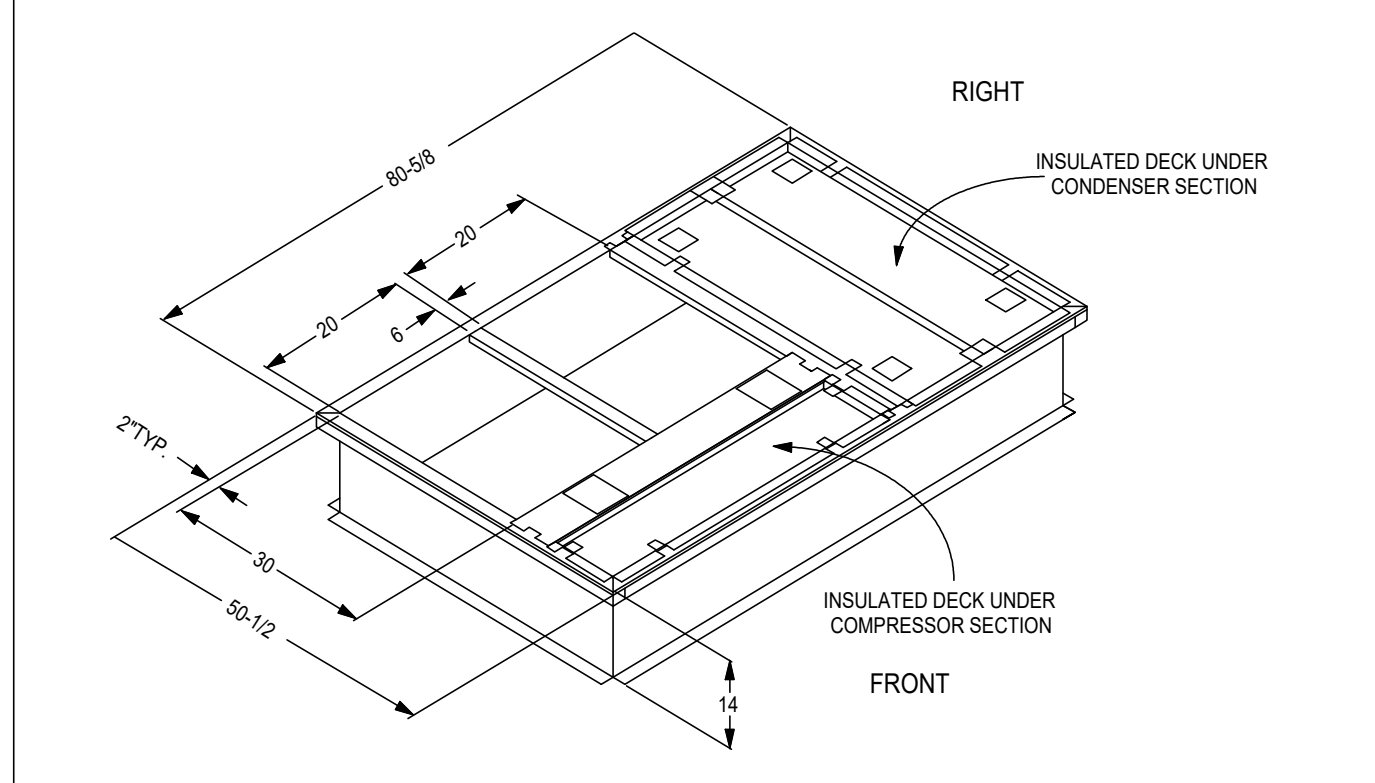
EXISTING JOIST & GIRDER INFORMATION WAS NOT AVAILABLE FOR THIS PROJECT. STRUCTURAL MEMBERS INDICATED ON PLAN ARE ASSUMED AND MUST BE CONFIRMED BY THE CONTRACTOR PRIOR TO INSTALLING NEW EQUIPMENT.

THE GENERAL CONTRACTOR SHALL FIELD SURVEY AND PROVIDE THE BELOW REQUIRED INFORMATION TO ARCHITECT FOR STRUCTURAL CALCULATIONS.

IF DEEMED NECESSARY JOIST OR GIRDER INFORMATION MAY BE REQUIRED PRIOR TO INSTALLATION OF NEW ROOFTOP EQUIPMENT. A COPY OF THE STRUCTURAL CALCULATIONS SHALL BE PROVIDED TO THE LOCAL AUTHORITY.

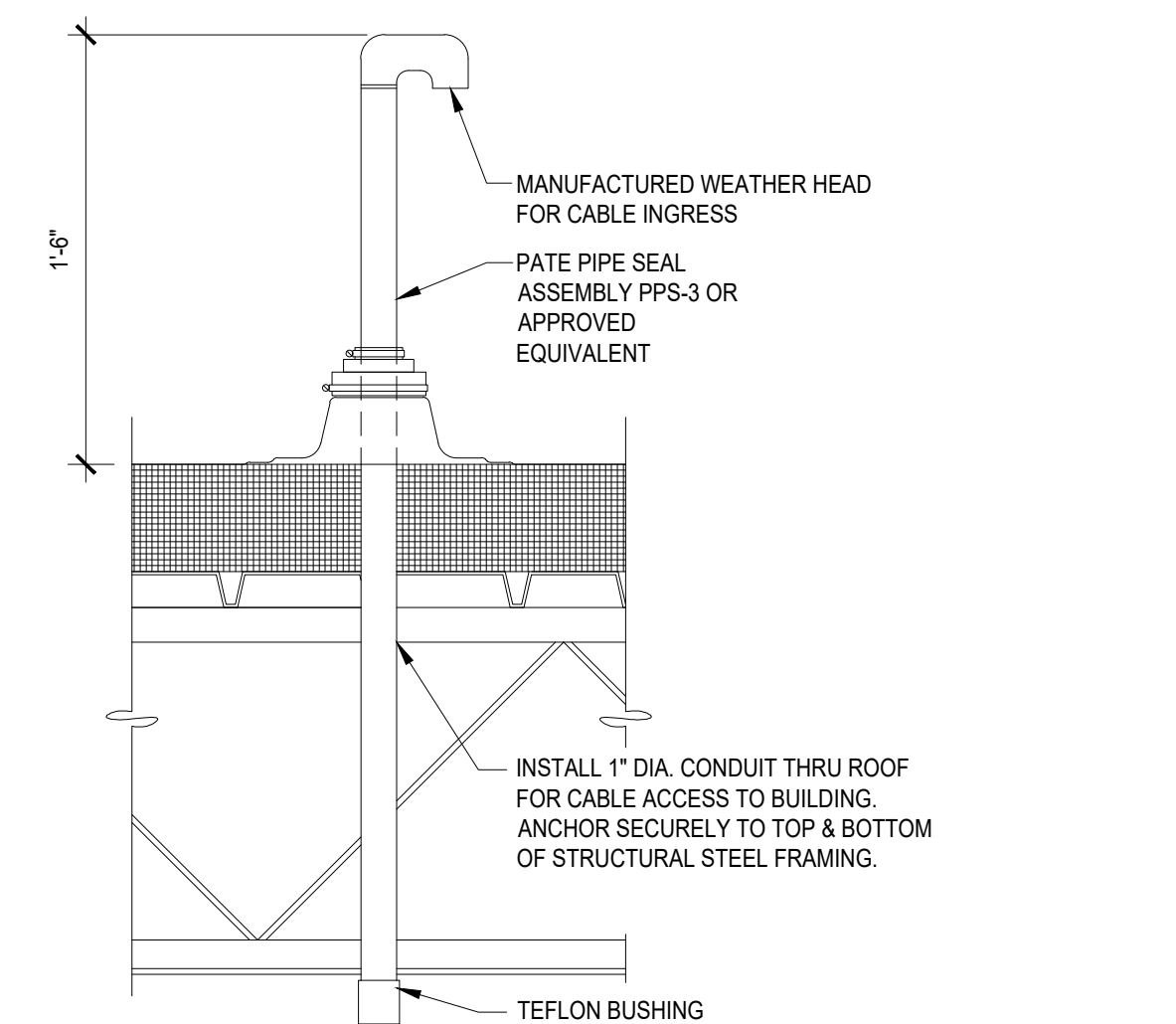


TYPICAL ROOF CURB



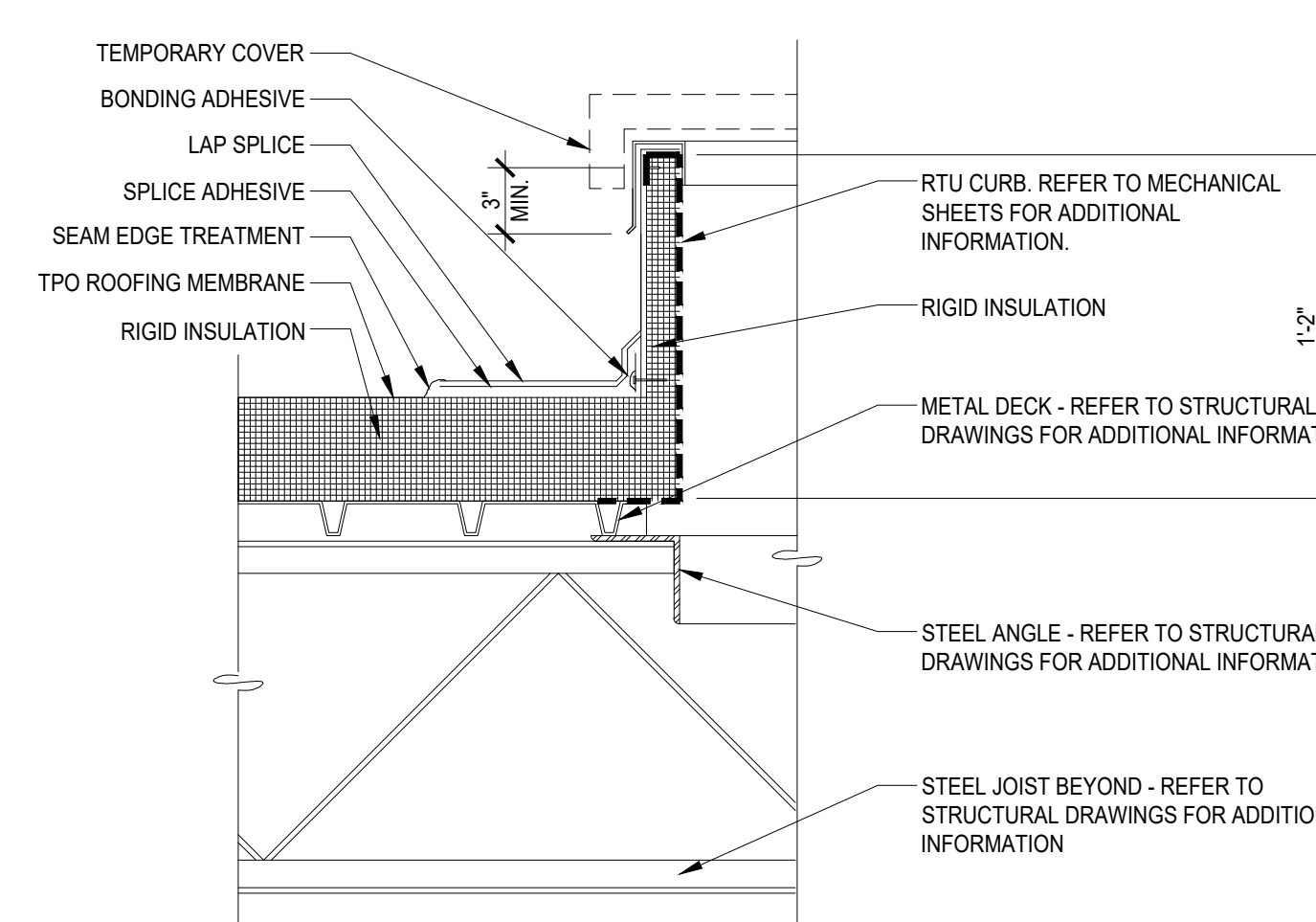
PIPE FLASHING DETAIL

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



CELL TOWER BOOSTER CONDUIT DETAIL

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



HVAC ROOF CURB DETAIL

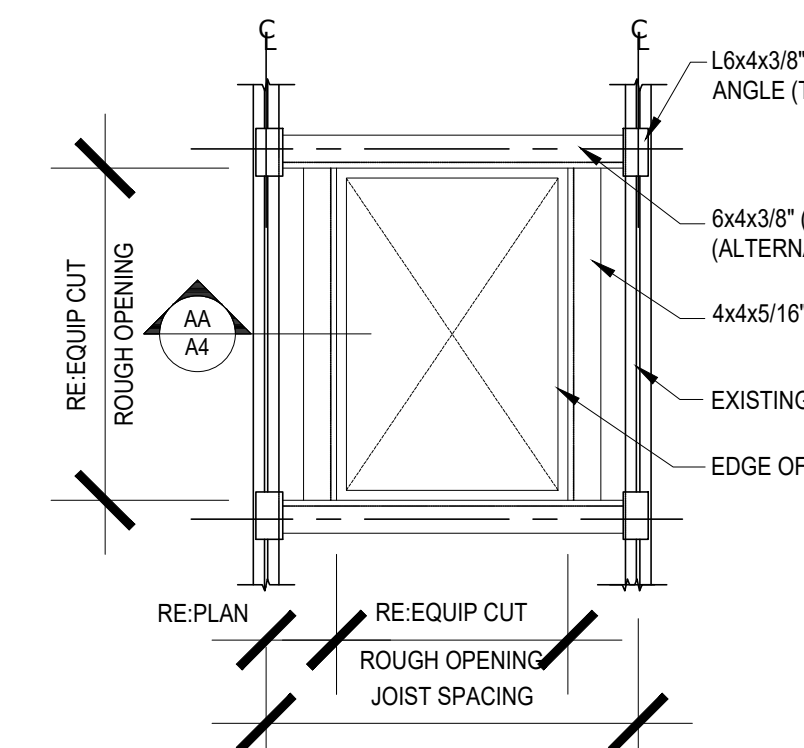
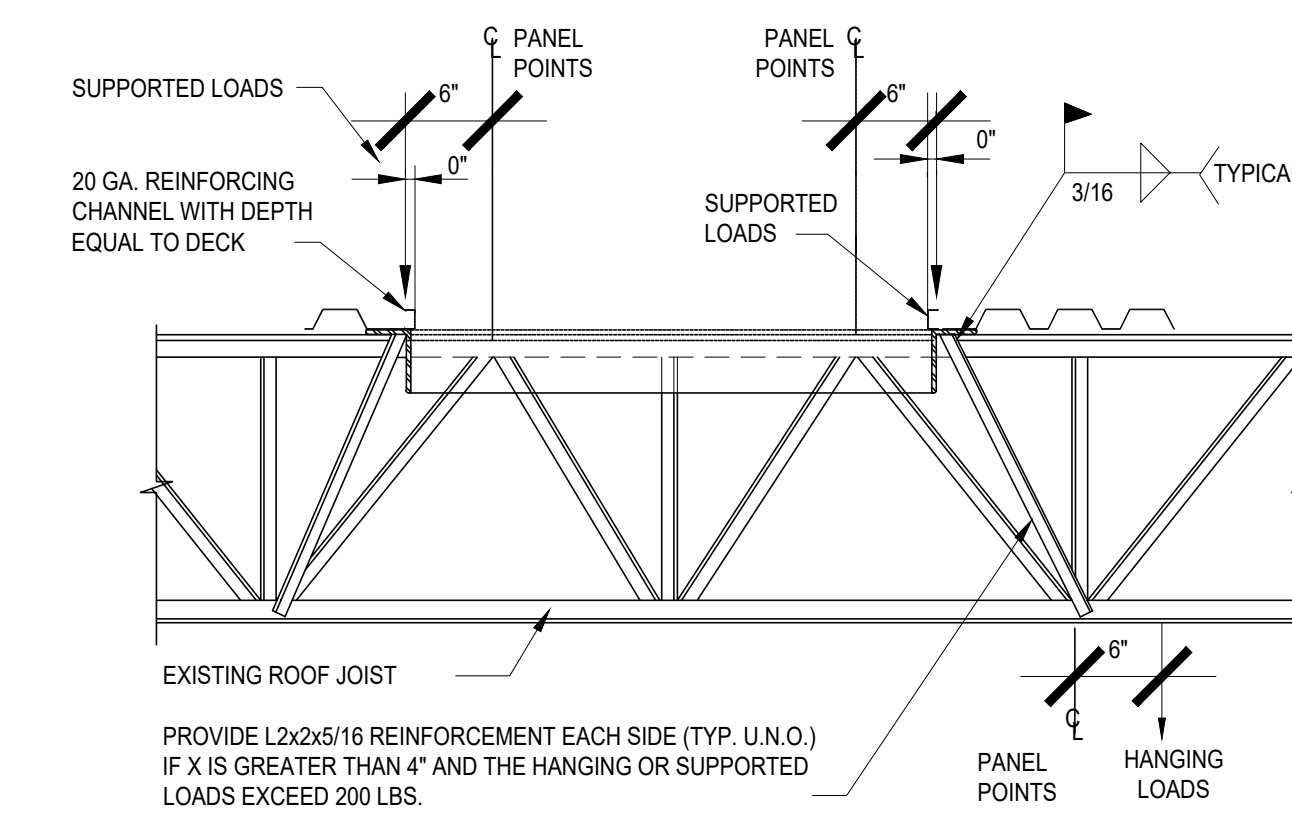
SCALE: 1 1/2" = 1'-0"

ROOF PLAN GENERAL NOTES:

- ROOFING MEMBRANE SYSTEM: 60 ML ULTRAPLY TPO WHITE MECHANICALLY FASTENED TO DECK OVER RIGID POLYISOCYANURATE INSULATION.
- ROOFING SYSTEM TO HAVE A TOTAL SYSTEMS NO DOLLAR LIMIT WARRANTY FOR FIFTEEN (15) YEARS FROM DATE OF SUBSTANTIAL COMPLETION. WARRANTY SHALL BE DELIVERED TO ADVANCE AUTO PARTS CONSTRUCTION PROJECT MANAGER.
- ROOFING SYSTEM TO BE INSTALLED BY A QUALIFIED CONTRACTOR/INSTALLER, APPROVED BY MANUFACTURER TO INSTALL MANUFACTURER'S PRODUCTS.
- ROOFING SYSTEM TO BE INSTALLED IN STRICT ACCORDANCE WITH THE ROOFING SYSTEM MANUFACTURER'S WRITTEN TECHNICAL SPECIFICATIONS.
- ANY DEVIATION OR CHANGES TO THE ROOFING SPECIFICATIONS WITHOUT WRITTEN APPROVAL OF THE ROOFING SYSTEM MANUFACTURER ARE NOT ALLOWED. A PRE-INSTALLED NOTICE SHALL BE PROVIDED TO THE AAP CONSTRUCTION PROJECT MANAGER PRIOR TO CONSTRUCTION.
- COMPONENTS FOR THE ROOFING SYSTEM TO BE OBTAINED FROM AN APPROVED ROOFING SYSTEM MANUFACTURER (AS LISTED).
- APPROVED ROOFING SYSTEM MANUFACTURERS ARE ONLY AS FOLLOWS:
 - ELEVATE
80 CENTURY BLVD - SUITE 205
NASHVILLE, TN 37214
PHONE: 615-767-1111 FOR SALES REP IN YOUR AREA
HTTPS://WWW.HOLCOMELEVATE.COM/US-EN
 - JOHN MANVILLE
717 4TH ST.
SEMIER, CO 80020
PHONE: 303-678-2000
 - GAF
4 CAMPUS DRIVE
HARDSPRING, AL 35054
PHONE: 873-628-3000
- SELECTED ROOFING CONTRACTOR TO PROVIDE LAYOUT AND FASTENING DRAWINGS AS REQUIRED BY GOVERNING JURISDICTION (LOCAL BUILDING DEPARTMENT).
- ROOFING CONTRACTOR SHALL PROVIDE A PRE-INSTALLATION NOTICE TO THE AAP PROJECT MANAGER AND THE GENERAL CONTRACTOR.
- ROOFING INSTALLATION IS TO MEET MINIMUM FM I-40 REQUIREMENTS.
- REFER TO FRAMING (STEEL) PLAN FOR ACTUAL SLOPES.
- GUTTERS AND DOWNSPOUTS PREFINISHED TO MATCH A1. PROVIDE SAMPLE TO CM PRIOR TO ORDERING.
- CONTRACTOR TO EMPLOY LANDLORD'S ROOFER TO PERFORM REQUIRED SCOPE OF ROOF REPAIRS TO MAINTAIN APPLICABLE PRODUCTS AND WARRANTIES.

ROOF PLAN KEY NOTES:

- NEW RTU WITH NEW ROOF OPENING AND CURB. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION. PROVIDE REINFORCING AS REQUIRED ONCE AS-BUILT CONDITIONS ARE VERIFIED.
- EXISTING PARAPET TO REMAIN. CLEAN AND REPAIR COPING TO LIKE-NEW CONDITION.
- EXISTING ROOF DRAINS TO REMAIN.
- EXISTING ABANDONED/UNUSED EQUIPMENT TO BE REMOVED IN ITS ENTIRETY. PATCH AND INFILL ROOF AFTER DEMOLITION TO MEET AND MATCH EXISTING.
- EXISTING ROOFING TO REMAIN.
- SATELLITE WEATHER HEAD PENETRATION. REFER TO DETAIL 4144.
- PLUMBING VENT. REPAIR EXISTING AS REQUIRED. REFER TO PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
- EXISTING ROOF TO BE PATCHED AND FLASHED AT NEW ROOF OPENING/CURB.
- EXISTING RTU TO BE REMOVED. PATCH AND INFILL OPENING TO MEET AND MATCH ADJACENT EXISTING AND BE CONTIGUOUS. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION.
- LINE OF DEMISING WALL BELOW.
- NEW RTU TO REPLACE EXISTING REMOVED RTU. EXISTING CURB TO BE RE-USED WITH CURB ADAPTER. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION.
- EXISTING ROOF HATCH TO REMAIN.
- EXISTING ROOF FRAMING MEMBERS. CONTRACTOR TO VERIFY EXISTING MEMBERS DURING DEMOLITION AND REPORT AS-BUILT CONDITIONS, DIMENSIONS, AND DISCREPANCIES TO ARCHITECT. REFER TO DETAILS THIS SHEET.
- POTENTIAL JOIST REINFORCING REQUIRED AT NEW RTU LOCATIONS. VERIFY EXISTING FRAMING CONDITIONS AND REPORT TO ARCHITECT. REFER TO DETAILS THIS SHEET.



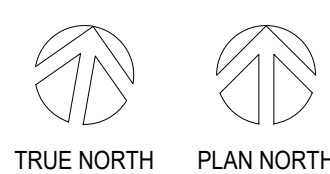
- NOTES:
- VERIFY QUANTITIES REQUIRED, SIZES AND LOCATION WITH MECH. AND ARCH. DWGS.
 - DAP ANGLE SHALL BE LOCATED AT JOIST PANEL POINTS, OTHERWISE WEB ANGLE REINFORCEMENT MUST BE PROVIDED.

ROOF OPENING FRAME DETAIL

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

ROOF PLAN

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



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ADVANCE
AUTO PARTS

STORE #6768
1820 TALL AUDINE
SYRACUSE, NY 13206

REV	DATE	DESCRIPTION
1	06-05-26	27,044 S.F.

PROJECT: 26-071776
DRAWN BY: AB
CHECK BY: NU

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FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

Q1-26

ROOF PLAN AND DETAILS

A4

GENERAL NOTES:

1. ALL ITEMS TO BE SUSPENDED (SUSPENDED CEILING, ELECTRICAL EQUIPMENT, MECHANICAL EQUIPMENT, PLUMBING EQUIPMENT, ETC.) SHALL BE SUSPENDED FROM THE STRUCTURE ABOVE, UNLESS SPECIFICALLY STATED OTHERWISE BY THE STRUCTURAL ENGINEER. WORK WITH ARCHITECT/STRUCTURAL ENGINEER PRIOR TO HANGING FROM BOTTOM CHORD. IF NO STRUCTURE IS AVAILABLE FOR ATTACHMENT PROVIDE UNISTRUT SUPPORTS AS REQUIRED.
2. ALL OVERHEAD APERTURE/INCES IN MAIN SPACES TO BE SPANNED, EXCEPT LIGHT FIXTURES & INSULATION, AUDIO VISUAL & FIRE PROTECTION DEVICES, DUCT WORK, CONDUTS, & GAS PIPING, ETC. BE HUNG. VERIFY SCOPE WITH AEP STRUCTURAL MANAGER AT THE PROJECT.
3. ATTACH SUPPORTS FOR HANGING SLIDS TO STEEL JOIST BOTTOM CHORD AT PANEL POINTS.
4. PROVIDE HANDGARS AT EACH END OF EACH LIGHT FIXTURE.
5. PAINT ALL INTERIOR OXYGEN BURNED CEILING, SOFFIT, TOP AND BACK SIDES OF ALL SUSPENDED WALLS WHERE EXPOSED.
6. HORIZONTAL STRAIGHTENERS, 1" 1/2" STEEL AND HANGER WIRE REQUIRED AT ALL SUSPENDED CURTAIN WALLS, IF APPLICABLE.
7. ALL METAL STUDS SHALL BE FASTENED TO RUNNERS WITH SELF TAPPING SCREWS.
8. CONTRACTOR TO COORDINATE LIGHT LOCATIONS WITH ALL ABOVE MECHANICAL EQUIPMENT. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
9. SUSPENDING LIGHT FIXTURE HEIGHTS ABOVE FINISH FLOOR MAY VARY AND WILL BE BASED ON EXISTING OVERHEAD CLEARANCES. VERIFY ALL HEIGHT VARIATIONS WITH AEP/CMARCHITECT PRIOR TO INSTALLING FIXTURES. LIGHT FIXTURE HANGING HEIGHT IS 14'-0" AFF. HEIGHTS ARE AS SHOWN ON THE DRAWINGS. DO NOT EXCEED 14'-0" P.F.P.

- 12 ~~TEST EXISTING CEILING FAN/VENTILATOR NOTES:~~
- 13 ~~TEST EXISTING EMERGENCY LIGHT. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.~~
- 14 ~~EMERGENCY LIGHT W/ BATTERY B.U. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.~~
- 15 ~~SUSPEND LED LIGHT FIXTURE. ADD 5'-0" COILED WHIPS ON ALL MERCHANDISE AREA LIGHT FIXTURES. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.~~
- 16 ~~SURFACE MOUNTED LED LIGHT FIXTURE. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.~~
- 17 ~~WALL PACE LIGHT. REFER TO AB AND ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.~~
- 18 ~~WALL WATER HEATER. REFER TO PLUMBING SHEETS FOR ADDITIONAL INFORMATION.~~
- 19 ~~LOCATION OF 2 POWER AND DATA DROPS. ENSURE DROPS CLEAR ALL LIGHTING FIXTURES.~~
- 20 ~~REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.~~
- 21 ~~ELECTRICAL OUTLET FOR GREETER/SECURITY MONITOR. RE: ELECTRICAL SHEETS.~~
- 22 ~~CONCENTRIC DIFFUSER DROP. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION. VERIFY AND COORDINATE LIGHTING AND RITD DISCONNECT WORK TO AVOID CONFLICT.~~
- 23 ~~TOILET ROOM EXHAUST FANS. REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION.~~
- 24 ~~AIR CURTAIN. REFER TO MECHANICAL SHEETS.~~
- 25 ~~EXISTING A/GF DRY ROOM RE-PLACE DAMPING/MISSING TILES THROUGHOUT GRD. RE-LAMP EXISTING LIGHT FIXTURES.~~
- 26 ~~EXISTING OGYRD CILING TO REMAIN. PATCH AND REPAIR AS REQUIRED. PATCH AS SCHEDULED. REPLACE EXISTING LIGHTING WITH NEW AS SHOWN.~~
- 27 ~~RE-LAMP UNDER CANOPY LIGHTING TO REMAIN. REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.~~



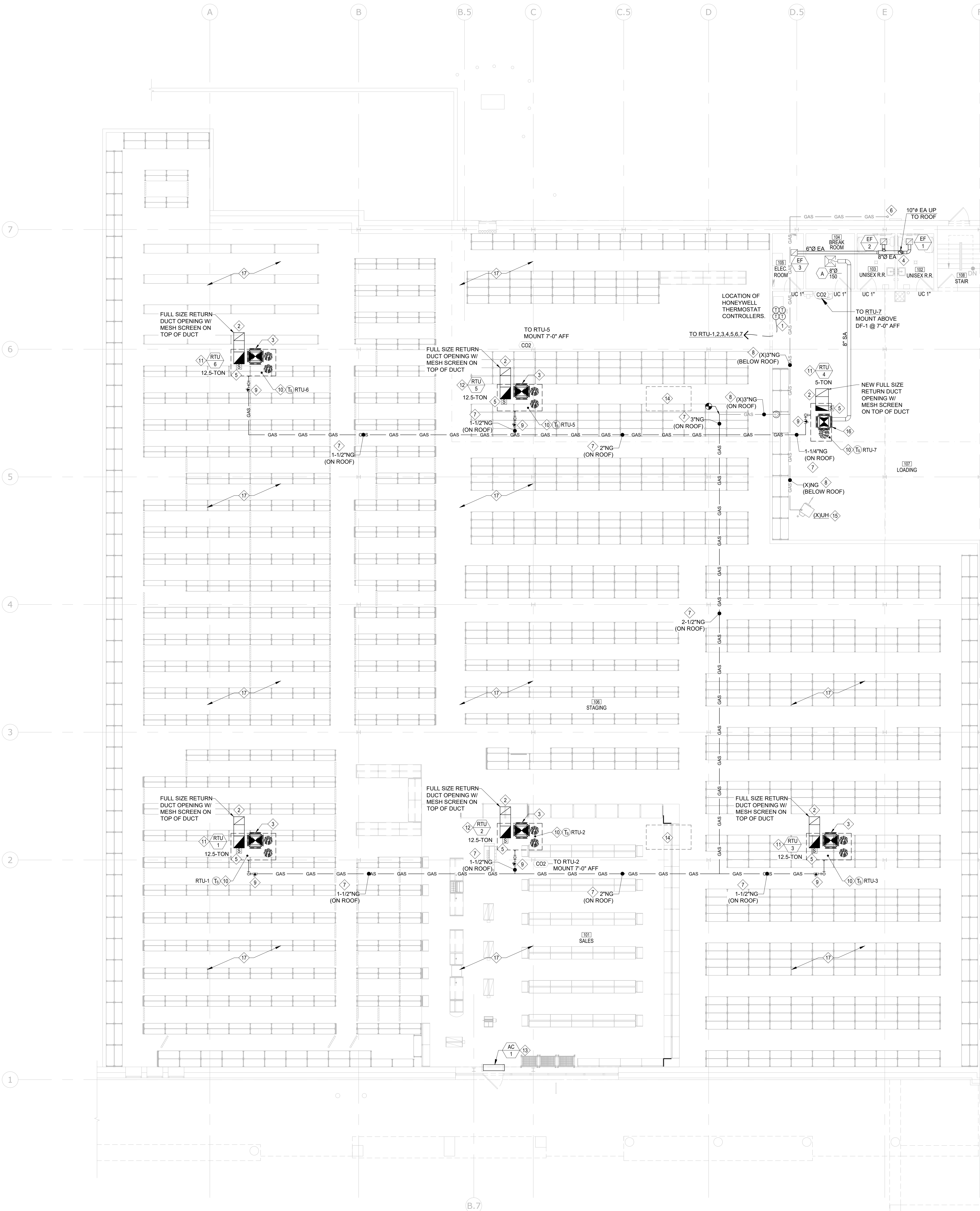
APPLICABLE CODES FOR THE PROJECT	
BUILDING CODE:	2025 BUILDING CODE OF NEW YORK STATE (2024 IBC AMENDED)
MECHANICAL CODE:	2025 MECHANICAL CODE OF NEW YORK STATE (2024 IMC AMENDED)
FUEL GAS CODE:	2025 FUEL GAS CODE OF NEW YORK STATE (2024 IFGC AMENDED)
ELECTRICAL CODE:	2023 NEW YORK STATE ELECTRICAL CODE (2023 NFPA 70)
PLUMBING CODE:	2025 PLUMBING CODE OF NEW YORK STATE (2024 IPC AMENDED)
ENERGY CODE:	2025 ENERGY CONSERVATION CODE OF NEW YORK STATE (2024 IECC AMENDED)
FIRE CODE:	2025 FIRE CODE OF NEW YORK STATE (2024 IFC AMENDED)
ACCESSIBILITY CODE:	2017 NEW YORK STATE ACCESSIBILITY CODE W/ SUPPLEMENT 1 (2017 ICC ANSI A117.1)

HVAC GENERAL NOTES:

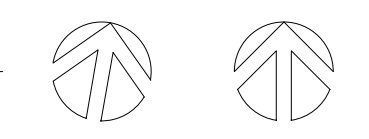
1. ALL RECTANGULAR AND ROUND DUCTS SHALL BE SIZED AS SHOWN ON THE DRAWINGS. DUCT SIZES SHOWN ARE FREE AREA SIZES AND THE CONTRACTOR SHALL MAKE ALLOWANCES TO INCLUDE INTERNAL DUCT LINER INSULATION FOR RECTANGULAR DUCTS PER THE HVAC SPECIFICATIONS ON SHEET MP1.
2. ALL RECTANGULAR AND ROUND DUCTWORK SHALL BE FABRICATED USING MILD GALVANIZED SHEET METAL. FIBERGLASS DUCTBOARD IS PROHIBITED.
3. ALL DUCTWORK SHALL BE FABRICATED AND INSTALLED ACCORDING TO THE MOST RECENTLY PUBLISHED ASHRAE AND SMACNA STANDARDS. UNLESS OTHERWISE NOTED ROUTE DUCTWORK AS HIGH AS POSSIBLE.
4. INSTALL TURNING VANES IN ALL RECTANGULAR DUCT ELBOWS.
5. SUPPLY & RETURN DUCT CONNECTIONS TO EQUIPMENT SHALL INCLUDE CANVAS FLEXIBLE DUCT CONNECTORS. LOCATE FLEXIBLE DUCT CONNECTORS MAXIMUM 6" BELOW BOTTOM OF ROOF DECK FOR VERTICAL DUCT DROPS FROM ROOF MOUNTED EQUIPMENT.
6. MANUFACTURER'S MINIMUM CLEARANCE RECOMMENDATIONS SHALL BE MAINTAINED ON ALL EQUIPMENT AND DUCTWORK.
7. CONDENSATE DISCHARGE FOR RTUS MUST BE PIPED WITH TRAP, AND DISCHARGING ONLY ROOF SPLASH BLOCK.
8. AN EQUIPMENT INSTALLATION CHECKLIST AND INSTALLATION MANUALS WILL BE FORWARDED TO THE HVAC CONTRACTOR WHEN THE EQUIPMENT ORDER IS PLACED. THE HVAC CONTRACTOR WILL COMPLETE THE CHECKLIST DURING THE EQUIPMENT INSTALLATION.
9. AN EQUIPMENT START-UP & CHECKOUT SHEET FOR EACH UNIT WILL BE PROVIDED TO THE HVAC CONTRACTOR. BY THE ADVANCE AUTO PARTS REPRESENTATIVE. THESE SHEETS SHALL BE COMPLETED AND SUBMITTED TO THE PROJECT MANAGER AT OR PRIOR TO THE REQUEST FOR PUNCHLIST.
10. REPLACE ALL HVAC START-UP EQUIPMENT FILTERS WITH NEW 2" PLEATED THROWAWAY FILTERS THE WEDNESDAY PRIOR TO OPENING. DISPOSE OF REPLACED FILTERS OFF SITE.
11. THIS CONTRACTOR SHALL ENGAGE THE SERVICES OF AN AABC OR NEBB CERTIFIED AIR BALANCE CONTRACTOR TO ADJUST AND COMPLETELY BALANCE THE INSTALLED SYSTEMS TO THE DESIGN AIR QUANTITIES. THE BALANCING CONTRACTOR SHALL PROVIDE AAP WITH A COPY OF THE CERTIFIED AIR BALANCE REPORT SHOWING DESIGN AND MEASURED AIR QUANTITIES, STATIC PRESSURES, FAN MOTOR RPM AND MOTOR CURRENT. DEVIATION BETWEEN DESIGN AND MEASURED QUANTITIES SHALL NOT BE GREATER THAN 10%.
12. IF THE PROJECT IS A STORE REMODEL AND EXISTING RTU OPENINGS ARE BEING USED, PROVIDE A CURB ADAPTER FOR THE NEW RTU. COORDINATE WITH THE LENNIX NATIONAL ACCOUNTS MANAGER.
13. IF A CEILING IS INSTALLED IN THE SALES/MERCHANDISING AREAS, THE FOLLOWING ITEMS, EQUIVALENT TO MICROMETL, SHALL BE PROVIDED:
CONCENTRIC TRANSITION
#0816-643A-00010 DUCT PACKAGE
#0603-348B-00010 30"x48" FLUSH DIFFUSER
#0602-013-00002 MICROMETL CORPORATION (800) 862-4822
14. ELECTRICAL CONTRACTOR'S RESPONSIBLE FOR PROVIDING REMOTE TEST STATIONS AND ASSOCIATED WIRING FOR FACTORY SUPPLIED RETURN AIR DUCT SENSORS. LOCATE ADJACENT TO TELEPHONE BOARD, RE: 1E4. G.C. IS RESPONSIBLE FOR COORDINATION OF SCOPE BETWEEN TRADES, TYPICAL.

HVAC FLOOR PLAN KEY NOTES:

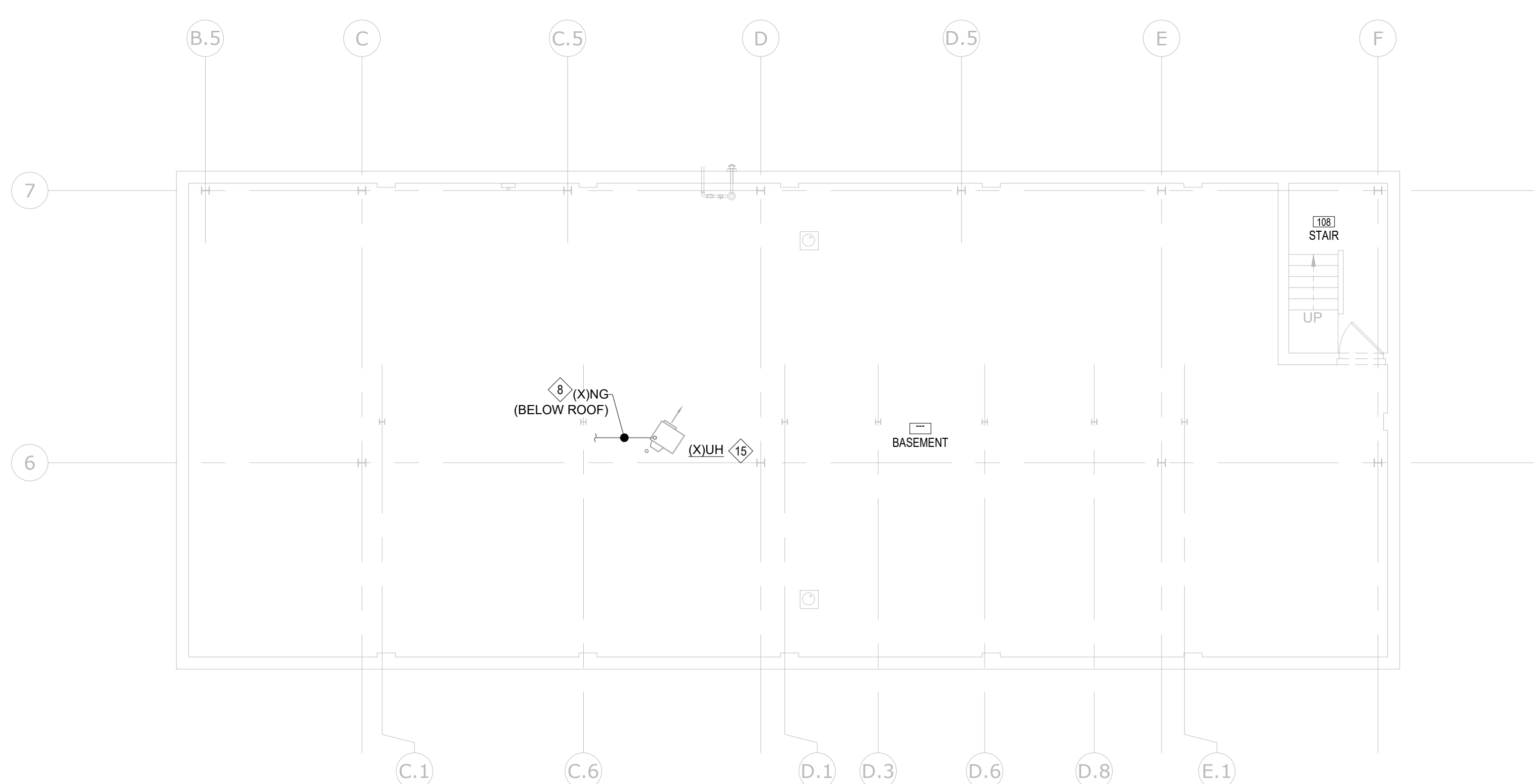
1. RTU THERMOSTAT LOCATION - PROVIDE AND INSTALL HONEYWELL PROGRAMMABLE THERMOSTATS AND CONTROL WIRING, MODEL TH8320R1003 REDLINE VISION PRO 800 3 HEAT/2 COOL 7 DAY PROGRAMMABLE TOUCHSCREEN. MOUNT AT 5'-7" AFF.
2. PROVIDE MINIMUM 4'-0" HORIZONTAL LENGTH OF FULL SIZE RETURN AIR DUCT INSTALLED AS HIGH AS POSSIBLE. BELOW THE ROOF DECK BETWEEN THE ROOF BAR JOISTS. PROVIDE AN EXPANDED METAL MESH GRILLE WITHOUT DAMPER ON THE END OF THE DUCT. SEE DETAIL ON SHEET M2.
3. 34" x 34" x 12" GALVANIZED STEEL SUPPLY AIR PLENUM BOX. INSTALL TOP OF PLENUM BOX FLUSH WITH THE BOTTOM OF THE ROOF BAR JOISTS. INSTALL A SUPPLY AIR REGISTER WITH DAMPER, GALVANIZED FINISH, IN EACH SIDE OF THE SUPPLY AIR PLENUM BOX AND BALANCE EACH GRILLE TO PROVIDE ONE-FOURTH OF THE RTU TOTAL SUPPLY AIR CFM. SEE DETAIL 1M2.
4. ROUTE TOILET ROOM EXHAUST FAN DUCTS PARALLEL TO CEILING, IN JOIST SPACE, AND EXTEND TO THE ROOF AS SHOWN.
5. THE RETURN AIR SMOKE DETECTOR IN THE MAIN RETURN AIR PATH IS FACTORY INSTALLED IN ACCORDANCE WITH APPLICABLE CODES. THE REMOTE INDICATOR/TEST STATION, WIRING AND CONDUIT (IF REQ'D) IS NOT FACTORY INSTALLED, AND SHALL BE BY THE ELECTRICAL CONTRACTOR. THE SMOKE DETECTOR AND THE REMOTE INDICATOR/TEST STATION SHALL BE INTERLOCKED WITH THE RTU CONTROLS TO AUTOMATICALLY SHUT DOWN THE UNIT UPON SENSOR ACTIVATION OR REMOTE INDICATOR/TEST STATION USE. SEE ELECTRICAL DRAWINGS FOR CLARIFICATION.
6. LOW PRESSURE GAS PIPING RUN TOWARDS EXISTING METER, NEW GAS LOAD, TO EXISTING METER, IS 1.508 MBH AND SIZED AT 350' DEVELOPED LENGTH WITH LESS THAN 2.0 PSIG SUPPLY PRESSURE AT 0.5 IN. W.C. PRESSURE DROP. GENERAL CONTRACTOR RESPONSIBLE FOR LOCAL GAS COMPANY COORDINATION AND ADJUSTMENT OF SERVICE LOAD AND REGULATOR. NOTIFY DESIGNER OF DISCREPANCIES.
7. ROUTE GAS PIPING ACROSS THE ROOF. PROVIDE GAS PIPING SUPPORTS EQUAL TO MIRO INDUSTRIES PILLOW BLOCK PIPE SUPPORTS. LOCATE PIPING SUPPORTS AT 10'-0" O.C. AND AT ALL ELBOWS AND TEES. PRIME AND PAINT ROOF MOUNTED GAS PIPING YELLOW.
8. EXISTING GAS PIPING TO REMAIN. CONTRACTOR TO VERIFY EXISTING PIPE SIZES AND RECONCILE WITH MINIMUM DIAMETER INDICATED ON PLAN. IF EXISTING PIPE DIAMETER MEETS MINIMUM SIZE SHOWN, GAS PIPING SHALL BE REUSED. OTHERWISE, IF PIPE SIZE IS UNDERSIZED CUT AND REPLACE.
9. RISE/DROP TO THE RTU GAS CONNECTION. PROVIDE A FULL SIZE DIRT LEG, GAS COCK AND UNION AT THE UNIT CONNECTION.
10. HONEYWELL TR21-A TEMPERATURE SENSOR MOUNTED TO HANGING CONDUIT @ 7'-0" A.F.F.
11. NEW ROOFTOP UNIT. PROVIDE AND INSTALL FULL ROOF CURB AND FRAME FOR NEW RTU AND CURB. PROVIDE NEW ROOF OPENING AND FLASHING AS REQUIRED ABOVE ROOF. PROVIDE DUCT TRANSITIONS AS REQUIRED.
12. NEW ROOFTOP UNIT OVER EXISTING CURB VIA CURB-ADAPTER. EXISTING HVAC UNIT TO BE DEMOLISHED. GC TO COORDINATE WITH MC AND FIELD VERIFY FEASIBILITY. PROVIDE DUCT TRANSITIONS AS REQUIRED. PROVIDE CURB REPLACEMENT IF NECESSARY.
13. NEW ELECTRIC AIR CURTAIN. REFER TO SCHEDULE. SUSPEND FROM STRUCTURE ABOVE. AVOID NEW SECURITY SHUTTER HOUSING.
14. CONTRACTOR TO REMOVE EXISTING UNIT AND PROVIDE FULL ROOF PATCHING ALONG WITH MEMBRANE, INSULATION AND INFILL OF METAL DECK. EXISTING OPENINGS / PENETRATIONS ON THE INTERIOR ARE TO BE FRAMED AND SKINNED TO MATCH ADJACENT FINISH AT UNDERSIDE OF ROOF DECK. REFER TO STRUCTURAL.
15. EXISTING GAS UNIT HEATER WITH ACCESSORIES TO REMAIN. CONTRACTOR TO VERIFY CONDITION OF EXISTING GAS UNIT HEATER IN FIELD. REFURBISH AS NECESSARY TO BRING UP TO "AS NEW" CONDITION.
16. 28" x 28" x 10" GALVANIZED STEEL SUPPLY AIR PLENUM BOX. INSTALL TOP OF PLENUM BOX FLUSH WITH THE BOTTOM OF THE SUPPLY AIR PLENUM BOX AND BALANCE EACH GRILLE TO PROVIDE ONE-FOURTH OF THE RTU TOTAL SUPPLY AIR CFM. SEE DETAIL 2M2.
17. REMOVE ALL EXISTING DUCTWORK ABOVE DEMOLISHED CEILINGS, INCLUDING HANGERS, DIFFUSERS, GRILLES, CONTROLS, AND ASSOCIATED ACCESSORIES.



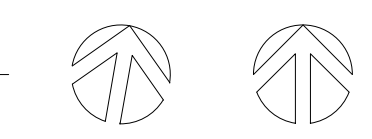
1 HVAC FLOOR PLAN
SCALE: 1/8" = 1'-0"



NOTE:
1. G.C. TO RELOCATE TEMPERATURE SENSOR TO NEAREST SHELF UPRIGHT AFTER THE INSTALLATION OF THE SHELVING.



2 HVAC PLAN - BASEMENT
SCALE: 1/8" = 1'-0"



CT

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ADVANCE

AUTO PARTS

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1000 S. CORTLAND AVENUE
SYRACUSE, NY 13206

REV	DATE	DESCRIPTION

DATE	06-05-26	ISSUES SOL. PT.	06/08/26 5:11
PROJECT	2077748		
DESIGNED BY	MM	PROJECT NO.	27 044 S.F.
CHECKED BY	AW		

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FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

Q1-26

HVAC FLOOR PLAN

M1

MECHANICAL VENTILATION SCHEDULE (BASED ON 2024 INTERNATIONAL MECHANICAL CODE)

ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	ZONE AREA A _Z	OCCUPANT DENSITY		PEOPLE OUTDOOR AIR RATE R _P	AREA OUTDOOR AIR RATE R _A	ZONE EFFECTIVENESS E _Z	BREATHING EQUIPMENT AIRFLOW (CFM) V _Z =R _P P _Z +R _A A _Z	ACTUAL OUTDOOR AIRFLOW PROVIDED	EXHAUST REQUIREMENTS		ACTUAL EXHAUST (CFM)	EXHAUST EQUIPMENT	SUPPLY EQUIPMENT
				#/1000	P _Z						CFM / SQ FT	CFM / FUTURE			
101	SALES	SALES	23,860	15 /	257	7.5	0.12	0.80	5,889	6,000	-	-	-	-	RTU-1,2,3,4,5,6
102	UNISEX R.R.	TOILETS - PUBLIC	75	/	0	0	0.00	0.80	0	0	-	70	70	100	EF-1
103	UNISEX R.R.	TOILETS - PUBLIC	72	/	0	0	0.00	0.80	0	0	-	70	70	100	EF-2
104	LOUNGE	BREAK ROOM	98	25 /	2	5	0.06	0.80	23	30	-	-	-	-	RTU-7
107	LOADING	RECEIVING	1,870	27 /	4	10	0.12	0.80	328	370	-	-	-	-	RTU-7
TOTALS:			25,973 SQ. FT.						6,340	6,400		140 CFM	200 CFM		

ROOF TOP UNIT SCHEDULE

(COORDINATE ORDERING AND DELIVERY WITH THE LENNOX NATIONAL ACCOUNT REPRESENTATIVE. REFER TO SHEET T1 FOR CONTACT DATA.) (M.C. MUST CONTACT NATIONAL ACCOUNT COORDINATOR TO REVIEW SUBMITTALS & COMPLETE PURCHASE ORDER)

MARK	LENNOX MODEL #	NOM TONS	HP	CFM	ESP	VOLTS / PHASE	GAS HEATING MBH INPUT	HEAT MBH @ 45 DEG. F. AMBIENT	ELEC. RESISTANCE STRIP HEATER KW	COOLING DATA				MCA	MOCP	EER / IEER	WEIGHT (LBS.)	ACCESSORIES / NOTES		
								INT. HTG CAP MBH @ 45 DEG. F. AMBIENT		TOTAL	SENSIBLE	AMB.	DB	WB						
RTU-1	LG1150HSE	12.5	3.75	4,750	0.8	460 / 3	240.0	194.0	N/A	N/A	136.9	96.1	103	80	68	29	35	10.8 / 15.4	1,500	1,2,3,4,5,6,8,9,10,11
RTU-2	LG1150HSE	12.5	3.75	4,750	0.8	460 / 3	240.0	194.0	N/A	N/A	136.9	96.1	103	80	68	29	35	10.8 / 15.4	1,500	1,2,3,4,5,7,8,9,10,11,12
RTU-3	LG1150HSE	12.5	3.75	4,750	0.8	460 / 3	240.0	194.0	N/A	N/A	136.9	96.1	103	80	68	29	35	10.8 / 15.4	1,500	1,2,3,4,5,6,8,9,10,11
RTU-4	LG1060HSE	5.0	1.00	2,000	0.8	460 / 3	108.0	87.0	N/A	N/A	60.5	44.3	103	80	68	14	15	12.5 / -	1,000	1,2,3,4,5,6,7,8,9,10,11
RTU-5	LG1150HSE	12.5	3.75	4,750	0.8	460 / 3	240.0	194.0	N/A	N/A	136.9	96.1	103	80	68	29	35	10.8 / 15.4	1,500	1,2,3,4,5,7,8,9,10,11,12
RTU-6	LG1150HSE	12.5	3.75	4,750	0.8	460 / 3	240.0	194.0	N/A	N/A	136.9	96.1	103	80	68	29	35	10.8 / 15.4	1,500	1,2,3,4,5,6,8,9,10,11

ACCESSORIES / NOTES:

- FACTORY INSTALLED ECONOMIZER.
- FACTORY INSTALLED BAROMETRIC RELIEF.
- FACTORY INSTALLED POWER DISCONNECT SWITCH.
- FACTORY INSTALLED NON-POWERED CONVENIENCE OUTLET. ELECTRICAL CONTRACTOR TO PROVIDE POWER TO OUTLET.
- FACTORY INSTALLED RETURN AIR SMOKE DETECTOR.
- MANUFACTURER'S STANDARD 14" HIGH ROOF CURB SHIPPED WITH THE UNIT AND FIELD INSTALLED.
- MANUFACTURER'S CO₂ DEMAND-CONTROLLED VENTILATION WALL SENSOR SHIPPED WITH THE UNIT. FURNISH TO THE ELECTRICAL CONTRACTOR FOR INSTALLATION.
- FACTORY SUPPLIED SMOKE DETECTOR.
- MANUFACTURER'S GAS PIPING KIT SHIPPED WITH THE UNIT AND FIELD INSTALLED.
- PROVIDE FACTORY INSTALLED THROUGH-THE-BASE CONDENSATE DRAIN CONNECTION WITH P-TRAP. IF ALLOWED BY CODE, PROVIDE AND INSTALL 1-1/4" CONDENSATE DRAIN LINE W/4" DEEP (MIN) P-TRAP AND ROUTE TO NEAREST ROOF DRAIN OR ROOF SCUPPER/GUTTER SYSTEM AT REAR OF STORE.
- FIELD SUPPLIED AND INSTALLED #2 PLEATED THROWAWAY FILTERS.
- PROVIDE WITH PREFABRICATED ROOF CURB ADAPTERS (MINIMUM 14" OVERALL CURB HEIGHT, WOOD NAILER, INSULATED DECKS).

MCA - MINIMUM CIRCUIT AMPS
MOCP - MAXIMUM OVERCURRENT PROTECTION
- - APPROX. WEIGHT INCLUDES ACCESSORIES (CURB, ECONOMIZER, ETC.)

AIR DEVICE SCHEDULE

TAG	MAKE	MODEL	TYPE	SERVICE	FACE SIZE	NECK SIZE	MATERIAL	COLOR	BLADE SPACING	FRAME	MAX N.C.	REMARKS
A	TITUS	OMNI	SQUARE PLAQUE 4-WAY DIFFUSER	SUPPLY	24"x24"	SEE PLAN	STEEL	WHITE	4-WAY	LAY-IN SURFACE MOUNT	25	1,2,3

REMARKS:

- PROVIDE WITH OPPOSED BLADE DAMPER WHERE CEILING IS ACCESSIBLE. WHERE CEILING IS INACCESSIBLE, PROVIDE METROPOLITAN REMOTE VOLUME DAMPER.
- PROVIDE SQUARE-TO-ROUND TRANSITION FOR FINAL CONNECTION TO DUCTWORK WHERE REQUIRED BASED ON PLANS.
- PROVIDE WITH MOUNTING ACCESSORIES AS REQUIRED BASED ON CEILING TYPE.

AIR CURTAIN SCHEDULE

MARK	MFR. & MODEL	CFM	LENGTH	VOLTAGE / PHASE	MOTOR HP	HEAT CAPACITY	AMPS / MOCP	WEIGHT	ACCESSORIES / NOTES
AC-1 WITH HEAT	POWERED AIR INC. EYE-1-46E	1344	48"	460V/3PH	(1) 1/5	16 KW	20.3A / 30	77 LBS.	1,2,3,4,5,6,7,8

NOTES:

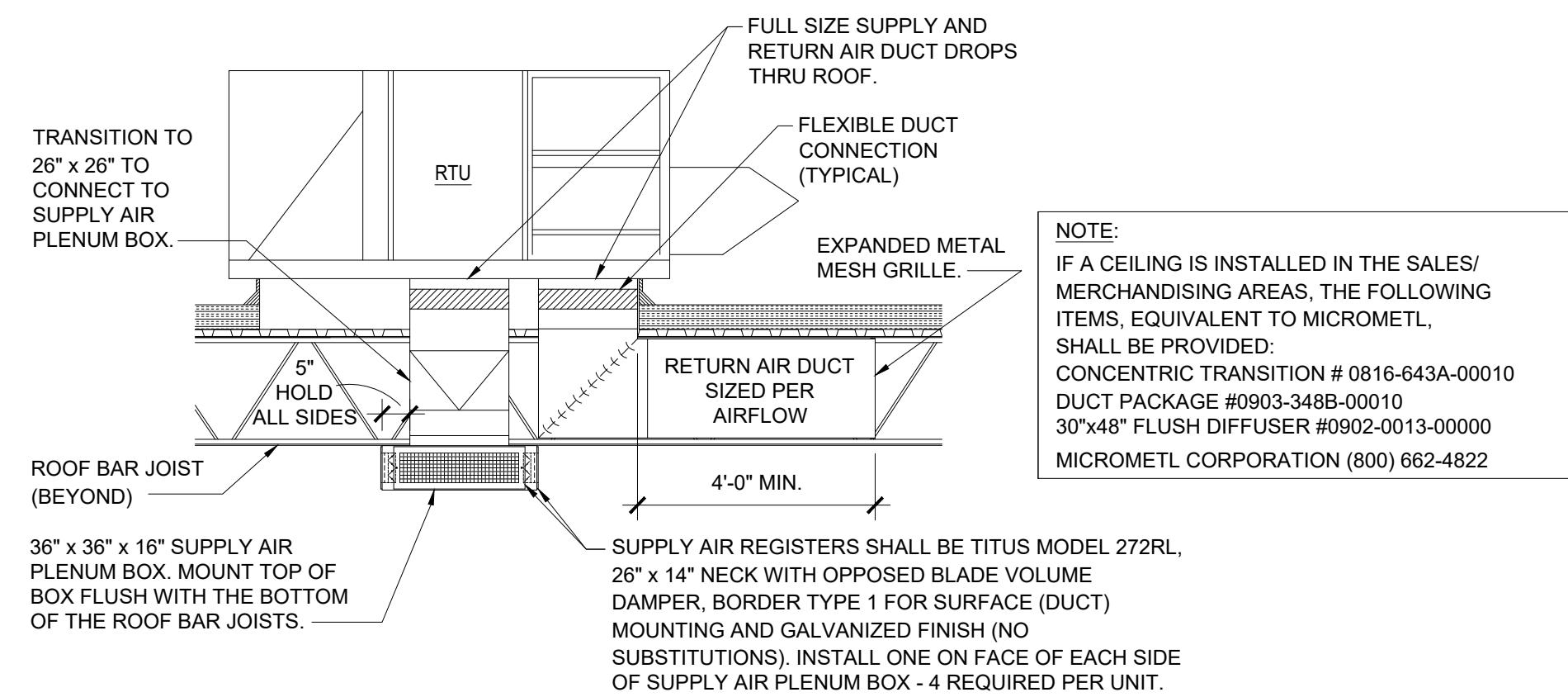
- MEETS IECC BUILDING CODE WHICH ALLOWS AMCA CERTIFIED AIR CURTAIN AS AN ALTERNATIVE TO VESTIBULES.
- MAGNETIC DOOR SWITCH AT EACH DOOR FOR INSTALLATION BY CONTRACTOR.
- MOUNT ABOVE DOOR AT 7'-2" A.F.F.
- PREFERRED VENDOR. NO SUBSTITUTIONS
- FINISH TO BE STAINLESS STEEL 18GA 304 #3 FINISH
- TOP MOUNT
- UNIT MOUNTED VARIABLE SPEED CONTROLLER
- THERMOSTAT MOUNTED TO TOP OF UNIT.

EXHAUST FAN SCHEDULE

MARK	MFR. & MODEL	CFM	S.P.	SONES	RPM	VOLTS / PHASE	WATT/SHR	ACCESSORIES / NOTES
EF-1	COOK GC 146	100	0.143	1.3	900	120 / 1	350.04	1,2,3,4
EF-2	COOK GC 146	100	0.143	1.3	900	120 / 1	350.04	1,2,3,4
EF-3	COOK GC 146	100	0.143	1.3	900	120 / 1	350.04	1,3,4,5

ACCESSORIES / NOTES:

- PROVIDE WITH 6" DIA. EXHAUST DUCT, BACKDRAFT DAMPER.
- FAN SHALL BE CONTROLLED BY THE TOILET ROOM LIGHT SWITCH. ALL WIRING IS BY THE ELECTRICAL CONTRACTOR. SEE THE ELECTRICAL DRAWINGS FOR CLARIFICATION.
- COORDINATE CEILING-MOUNTED FAN LOCATION WITH LIGHT FIXTURES AND REQUIRED CLEARANCES.
- OR APPROVED EQUIVALENT MANUFACTURER. PROVIDE VENDOR DRAWINGS FOR APPROVAL.
- FAN SHALL OPERATE VIA TEMPERATURE SET POINT - 80°F SET POINT. INSTALL THERMOSTAT AT 48" A.F.F.

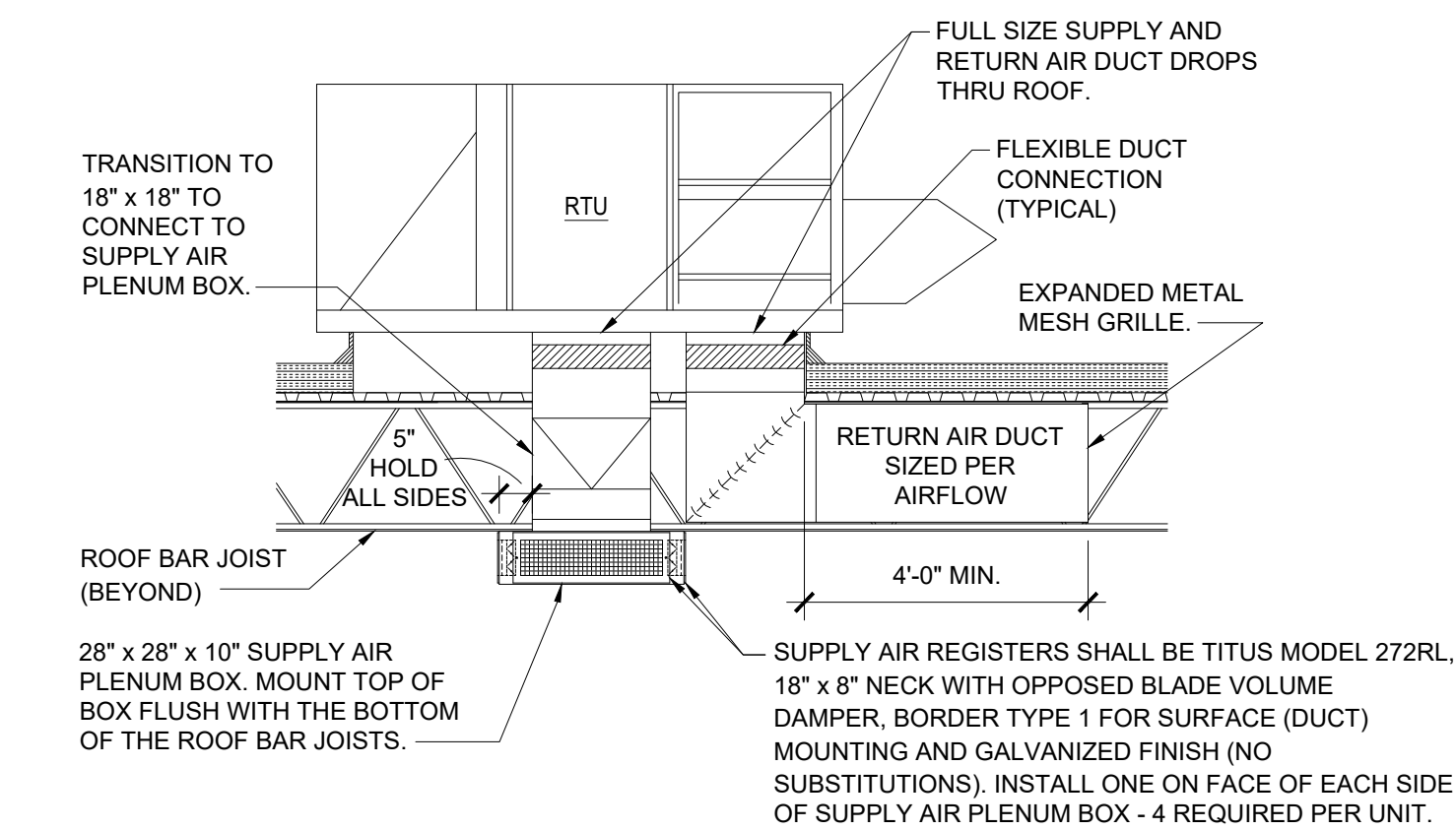


NOTE:
AFTER THE LIGHTING IS INSTALLED, THE HVAC CONTRACTOR SHALL ADJUST THE HORIZONTAL AND/OR VERTICAL DEFLECTION OF THE AIR FLOW PATTERN FROM THE SUPPLY AIR REGISTERS AS REQUIRED TO AVOID LIGHT FIXTURE MOVEMENT AS A RESULT OF SUPPLY AIR FLOW. WHEN FINAL ADJUSTMENTS ARE COMPLETE, NO LIGHT FIXTURE SHALL EXPERIENCE MOVEMENT CAUSED BY THE AIRFLOW PATTERN FROM THE SUPPLY DIFFUSERS. IF AIR FLOW ADJUSTMENT DOES NOT ELIMINATE LIGHT FIXTURE MOVEMENT, COORDINATE WITH THE ELECTRICAL CONTRACTOR TO INSTALL BRACKETS AND ANTI-SWAY CABLES FOR THE AFFECTED LIGHT FIXTURE(S) TO ELIMINATE LIGHT FIXTURE MOVEMENT.
IN ADDITION TO LIGHTING, ADJUST THE HORIZONTAL AND/OR VERTICAL DEFLECTION OF THE AIR FLOW PATTERN FROM THE SUPPLY AIR REGISTERS AS REQUIRED TO WORK AROUND GRAPHICS.



EXAMPLE PHOTO OF HOW THE HVAC SYSTEM IS INSTALLED.

1 RTU-1,2,3,5,6 DUCT INSTALLATION DETAIL
SCALE: NONE

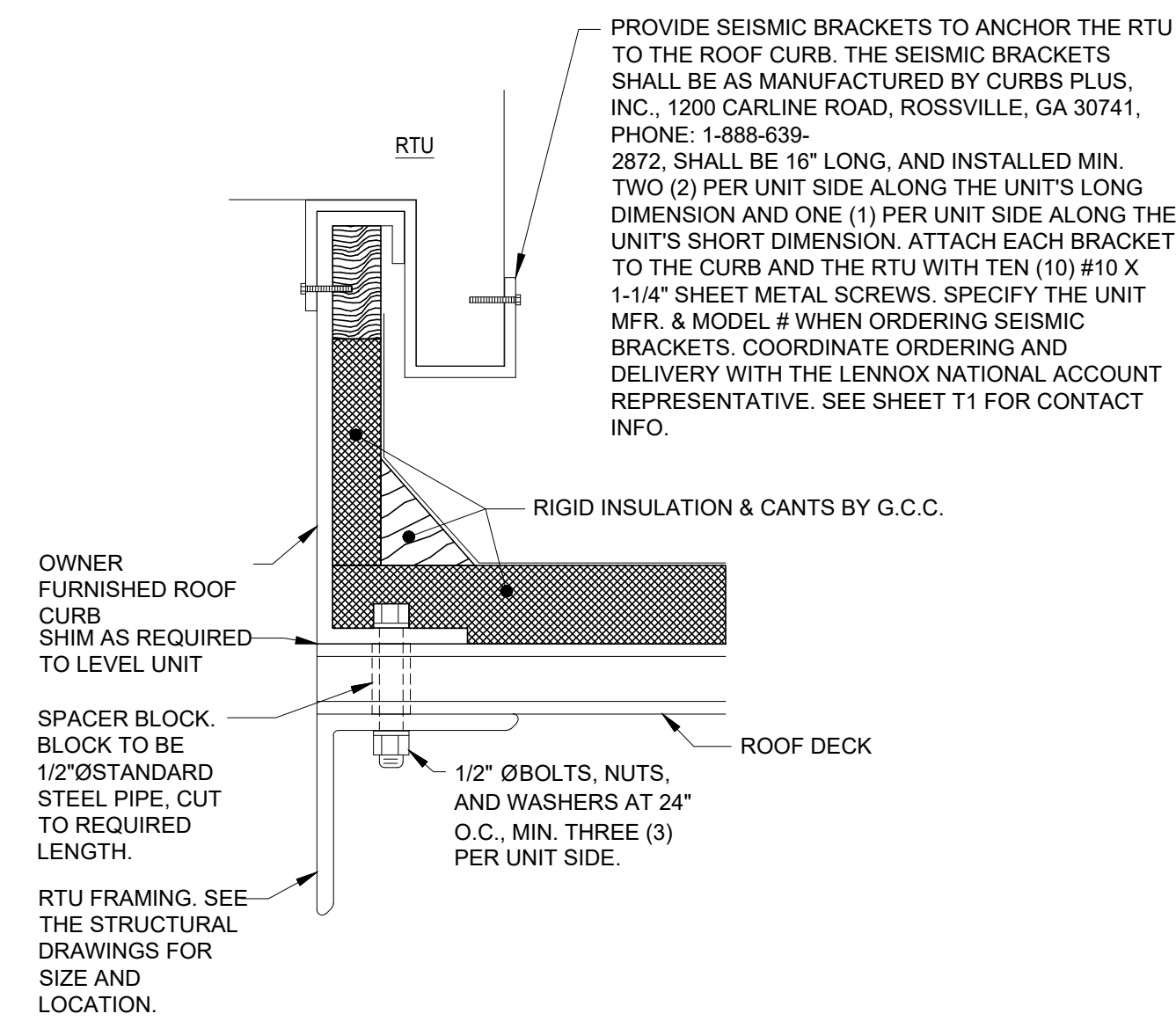


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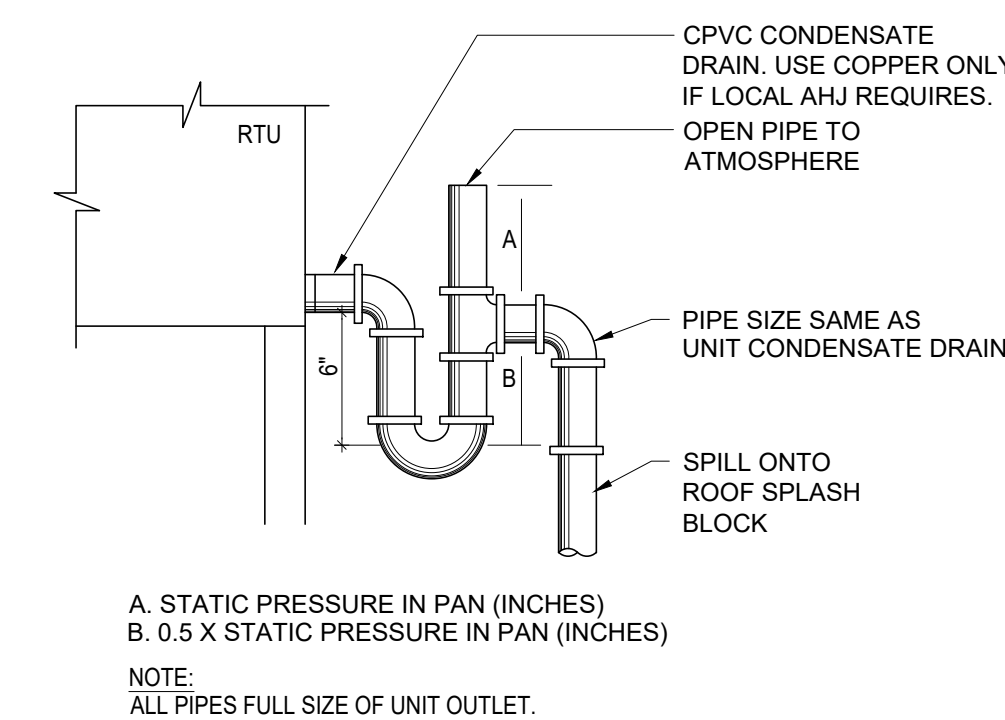


EXAMPLE PHOTO OF HOW THE HVAC SYSTEM IS INSTALLED.

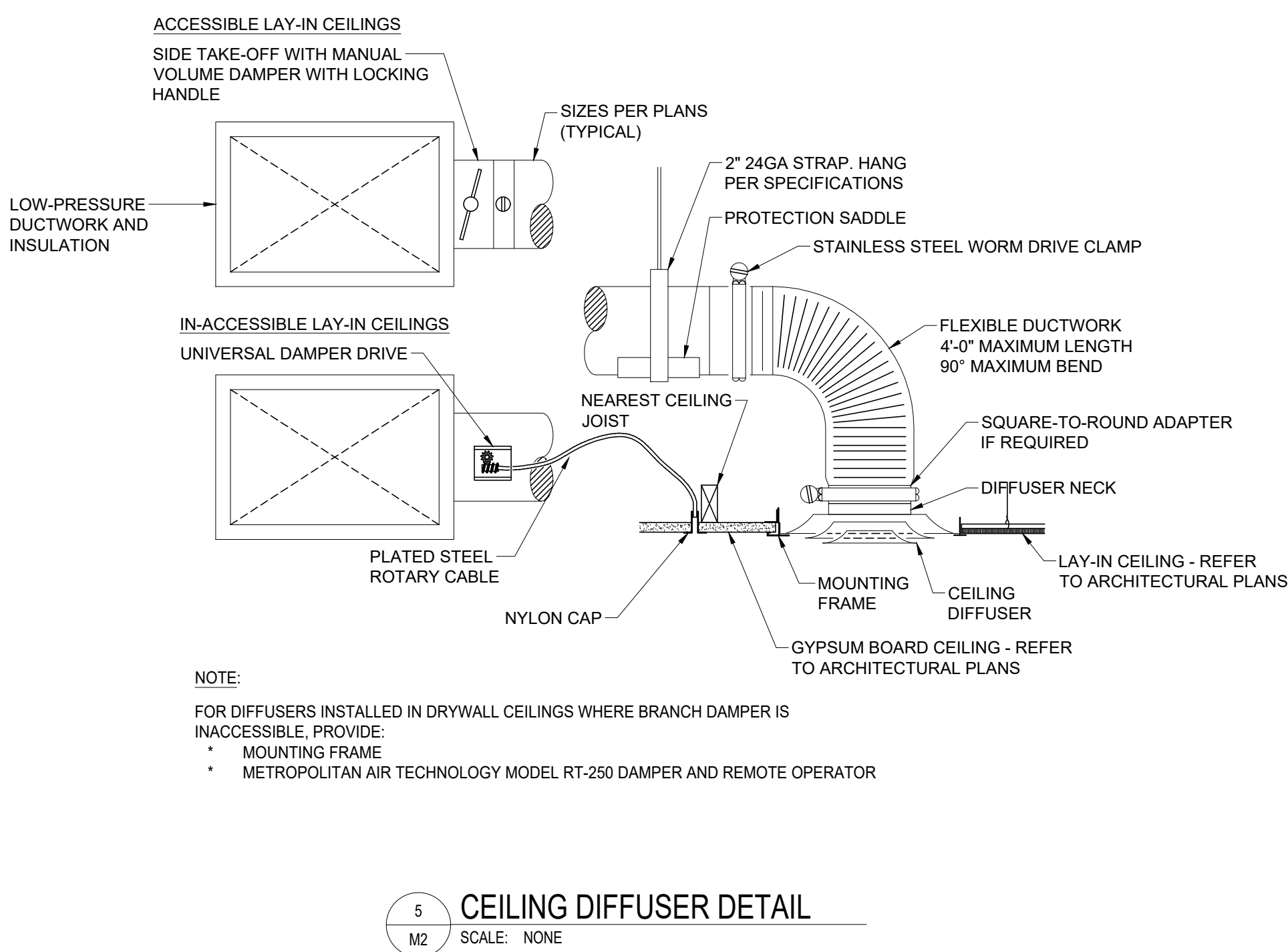
2 RTU-4 DUCT INSTALLATION DETAIL
SCALE: NONE



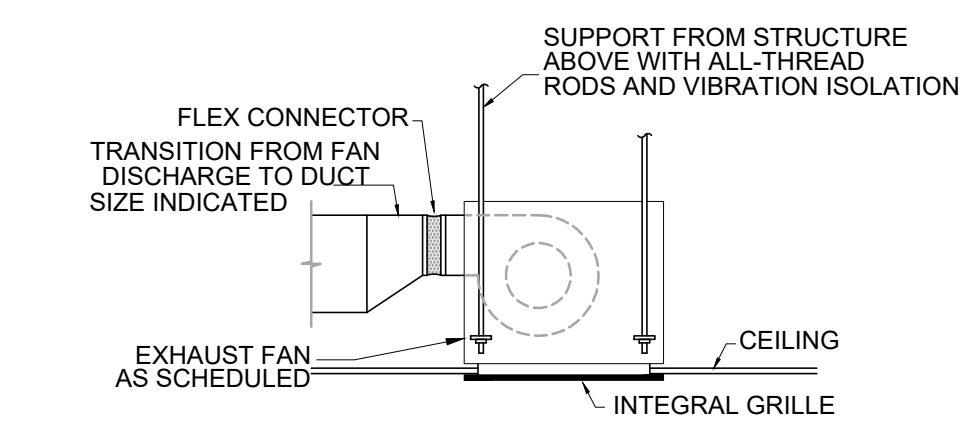
3 RTU ANCHORING DETAIL
SCALE: NONE



4 RTU CONDENSATE DETAIL
SCALE: NONE



5 CEILING DIFFUSER DETAIL
SCALE: NONE



6 CEILING EXHAUST FAN DETAIL
SCALE: NONE

GAS LOAD CALCULATIONS

EQUIPMENT:	LOAD:
RTU-1	240.0
RTU-2	240.0
RTU-3	240.0
RTU-4	108.0
RTU-5	240.0
RTU-6	240.0
XXLH	100.0
XXLH	100.0
TOTALS:	1508.0 MBH

LENNOX RTU EQUIPMENT NOTES

FOR COMPLETE INFORMATION/PRICING ON THE RTU EQUIPMENT PACKAGE, CONTACT THE ADVANCE AUTO PARTS ACCOUNT REPRESENTATIVE AT LENNOX NATIONAL ACCOUNTS. REFER TO SHEET T1 FOR CONTACT DATA.

ANY CHANGES/VARIATIONS TO THE ORIGINAL RTU EQUIPMENT PACKAGE SHOULD BE BROUGHT TO THE ATTENTION OF THE ACCOUNT REPRESENTATIVE AT LENNOX NATIONAL ACCOUNTS AT THE TIME OF QUOTATION.

THE RTU EQUIPMENT PACKAGE MUST BE ORDERED FROM LENNOX NATIONAL ACCOUNTS. NO SUBSTITUTIONS WILL BE ALLOWED.

NOTE: ORDERING PROCEDURES THE SUCCESSFUL HVAC CONTRACTOR SHALL PLACE THE ORDER FOR THE RTU EQUIPMENT PACKAGE DIRECTLY WITH THE LENNOX NATIONAL ACCOUNT REPRESENTATIVE. THE HVAC CONTRACTOR WILL BE RESPONSIBLE FOR THE EQUIPMENT WARRANTY, DELIVERY COORDINATION, RECEIVING AND INSTALLATION.

MECHANICAL SYMBOLS AND ABBREVIATIONS LEGEND

A.F.F. ABOVE FINISHED FLOOR	- G - - G - GAS PIPING OF SIZE NOTED	X X X AIR DEVICE TYPE
AMB. AMBIENT TEMPERATURE	- D - - D - CONDENSATE DRAIN PIPING OF SIZE NOTED	NECK SIZE
BHP. BRAKE HORSEPOWER	- U - - U - UNION	AIR QUANTITY (CFM)
BTUH. BRITISH THERMAL UNITS PER HOUR	[S] DUCT MOUNTED SMOKE DETECTOR	DESIGNATION
C.L. & CENTRALINE	[H] SUPPLY AIR DIFFUSER	
CO ₂ CARBON DIOXIDE	[R] RETURN OR EXHAUST GRILLE	
CONTR. CONTRACTOR	[V] VOLUME DAMPER (VD)	
CFM CUBIC FEET PER MINUTE	[T] THERMOSTAT	
DN. DRY BULB TEMPERATURE	[S] REMOTE TEMPERATURE SENSOR	
DN. DRAIN	[C] CARBON DIOXIDE SENSOR	
EA. EXHAUST AIR	[R] PIPE RISER	
EF. EXHAUST FAN	[D] PIPE DROP	
ESP. EXTERNAL STATIC PRESSURE	[V] SHUT OFF VALVE	
EXH. EXHAUST	[C] CHECK VALVE	
FIN. FL. FINISHED FLOOR	[R] DUCT RISE OR DROP (R=RISE, D=DROP)	
FLA. FULL LOAD AMPERES	[X] DISCHARGE OR SUPPLY AIR DUCT	
HP. HORSEPOWER	[X] RETURN OR EXHAUST AIR DUCT	
MBH. ONE THOUSAND (1000) BTUH	[X] OUTSIDE AIR SUPPLY DUCT	
N.C. NOT TO SCALE	[EMS] ENERGY MANAGEMENT SYSTEM	
NOM. NOMINAL		
N.T.S. NOT TO SCALE		
O.A. OUTSIDE AIR		
OA. OUTSIDE AIR INTAKE		
ODD. OPPOSED BLADE DAMPER		
RA. RETURN AIR		
RPM. REVOLUTIONS PER MINUTE		
RTU. ROOF TOP UNIT		
S.A. SQUARE FEET		
S.F. STATIC PRESSURE		
S.P. TOTAL STATIC PRESSURE		
TYP. TYPICAL		
UH. UNIT HEATER		
WB. WET BULB TEMPERATURE		
WC. WATER COLUMN		

NOTE: THIS LEGEND IS FOR REFERENCE ONLY. NOT ALL SYMBOLS AND ABBREVIATIONS WILL BE USED. NOT ALL SYMBOLS AND ABBREVIATIONS USED ARE INCLUDED IN LEGEND. IF QUESTIONS ARISE DUE TO THE USE OF ANY SYMBOL OR ABBREVIATION THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER IMMEDIATELY FOR DEFINITION(S) AND/OR CLARIFICATION(S).

ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH ALL APPLICABLE CODES AND ADVANCE AUTO PARTS (AAP) MINIMUM REQUIREMENTS AS STATED HEREIN OR OTHERWISE INDICATED BY AAP.

SEE ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS. ALL CONDITION REQUIREMENTS SHALL APPLY UNLESS OTHERWISE NOTED.

ALL WORK SHALL BE PERFORMED AS INDICATED ON THE DRAWINGS UNLESS FIELD CONDITIONS REQUIRE MINOR CHANGES BE MADE. MINOR CHANGES SHALL BE MADE WITH NO ADDITIONAL COST.

ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE WORK BY AAP.

ACTUAL LOCATIONS OF UTILITY SERVICES MUST BE FIELD VERIFIED. CHANGES TO CONFORM TO ACTUAL POINTS OF CONNECTION SHALL BE MADE AT NO ADDITIONAL COST.

EQUIPMENT, FIXTURES, AND ACCESSORIES SHALL NOT BE SUPPORTED FROM CEILINGS, SOFFITS, NEUTRAL PIPES, PIPING, DUCTWORK, ROOF DECK, LATERAL BRACING, BRIDGING OR CONDUIT. ITEMS SHALL ONLY BE SUPPORTED FROM STRUCTURE WHICH HAS BEEN APPROVED FOR SUPPORT.

ALL ROOF WORK PENETRATIONS AND REPAIRS SHALL BE TOTALLY PERFORMED BY ONLY THOSE ROOFING CONTRACTORS APPROVED BY AAP. THIS CONTRACTOR SHALL ONLY EMPLOY ROOFING CONTRACTORS APPROVED BY AAP FOR ALL REQUIRED ROOF WORK.

INSTALLATION OF ROOF MOUNTED EQUIPMENT SHALL BE COORDINATED WITH THE AAP DESIGNATED REPRESENTATIVE.

DEFICIENCIES AND NON-CONFORMING ITEMS SHALL BE CORRECTED BY THE CONTRACTOR. FAILURE TO CORRECT SUCH ITEMS SHALL PERMIT AAP TO CORRECT SAME AT A COST TO THE CONTRACTOR.

INSTALLATIONS OF EQUIPMENT, I.E. FANS, AIR HANDLING UNITS, ETC., SHALL CONFORM TO THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS AND PAYING FOR SAME. THEY SHALL INCLUDE IN THEIR BID CHARGES FOR ALL FEES ASSOCIATED WITH THE CONSTRUCTION OF THE SPACE INCLUDING BUT NOT LIMITED TO LOCAL, COUNTY, OR STATE SERVICE CHARGES AND PERMIT FEES.

THE CONTRACTOR SHALL PREPARE AND SUBMIT AS-BUILT DRAWINGS TO AAP. THE AS-BUILT DRAWINGS SHALL INDICATE THE ACTUAL MANUFACTURER OF THE EQUIPMENT THAT WAS INSTALLED, THE EXACT LOCATION OF THE EQUIPMENT AND PERTINENT CAPACITIES.

THE SCOPE OF WORK OF THIS CONTRACT INCLUDES, BUT SHALL NOT BE LIMITED TO:

13.1 PROVIDE AND INSTALL ALL EQUIPMENT, APPLIANCES, CONTROLS/EMS DEVICES, ACCESSORIES, MATERIAL AND LABOR.

13.2 PROVIDE AND INSTALL ALL DUCTWORK, INSULATION, AIR DEVICES, DUCT ACCESSORIES, MATERIAL AND LABOR.

13.3 PROVIDE AND INSTALL ALL PIPING, FITTINGS, VALVES, INSULATION, ACCESSORIES, MATERIAL AND LABOR.

13.4 PROVIDE AND INSTALL EXHAUST SYSTEM(S) AS INDICATED.

13.5 PROVIDE AND INSTALL ALL ROOF WORK, INCLUDING EQUIPMENT SUPPORTS AND ROOF PENETRATIONS.

13.6 PROVIDE ALL EQUIPMENT SUPPORTS AND HANGERS INCLUDING ANY AUXILIARY LIFT REQUIRED, ANY STRUCTURAL, MODIFICATION OF THE BUILDING STRUCTURE SHALL BE MADE ONLY WITH THE WRITTEN APPROVAL OF AAP.

13.7 CLEAN, TEST AND PUT INTO SERVICE ALL SYSTEMS SPECIFIED.

13.8 PROVIDE A TEST & BALANCE REPORT PREPARED BY AN INDEPENDENT ABC OR NEBB CERTIFIED AIR BALANCE CONTRACTOR.

13.9 WARRANT ALL WORK AND MATERIALS HEREIN SPECIFIED FOR A PERIOD OF NOT LESS THAN ONE YEAR.

MATERIALS

14.1 ALL MATERIALS SHALL BE NEW AND OF RECOGNIZED COMMERCIAL QUALITY. USED MATERIALS WILL NOT BE PERMITTED UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS.

DUCTWORK

14.2.1 ALL DUCTWORK EXCEPT FLEXIBLE DUCTWORK SHALL BE GALVANIZED SHEET METAL, FABRICATED AND INSTALLED IN STRICT ACCORDANCE WITH THE LATEST EDITION OF SMACNA - HVAC DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE. DUCTWORK 18" WIDTH AND LARGER SHALL BE CROSS-BROKEN OR RIBBED AND STIFFENED SO THAT IT WILL NOT "BREATHIE", RATTLE, VIBRATE, OR SAG.

DUCT INSULATION

14.4.1 ALL RECTANGULAR SUPPLY AND RETURN AIR DUCTS SHALL BE INSULATED INTERNALLY UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. INTERNAL INSULATION SHALL BE 1-1/2" THICK FIBERGLASS DUCT LINER WITH A K-FACTOR OF .24 AT 75 DEG. F MEAN. A DENSITY OF 1.5 LB./C.F. BE SUITABLE FOR UP TO 2,500 FPM AIR VELOCITY AND HAVE A MINIMUM 6.0 INSTALLED R-VALUE.

14.3.2 ALL DUCT INSULATION SHALL BE UL LABELED FOR FIRE AND SMOKE RATINGS WITH A MAXIMUM FLAME SPREAD RATING OF 25 AND A MAXIMUM SMOKE DEVELOPED RATING OF 50. DUCT INSULATION SHALL COMPLY WITH ALL APPLICABLE ASHRAE AND SMACNA STANDARDS.

14.3.3 DUCT INSULATION SHALL BE CERTAINTED "TOUGHGARD R" DUCT LINER INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN COMPLIANCE WITH ALL APPLICABLE CODES.

AIR DEVICES

14.4.1 AIR DEVICES SHALL BE AS SPECIFIED ON THE DRAWINGS. ALTERNATE MANUFACTURERS' ACCEPTABLE FOR BASE BID ARE TITUS, CARNES, PRICE, METALAIR OR KRUEGER.

14.4.2 AN OPPOSED BLADE VOLUME DAMPER SHALL BE PROVIDED AT ALL SUPPLY AIR DEVICES. NO DAMPER IS REQUIRED AT RETURN OR TRANSFER AIR GRILLES.

14.4.3 ALL AIR DEVICES SHALL BE FINISHED GALVANIZED STEEL.

PIPING AND FITTINGS

- 14.5.2 EXTERIOR CONDENSATE DRAIN PIPING, (WHEN USED), SHALL BE TYPE L COPPER WITH SOLDERED JOINTS AND WROUGHT COPPER FITTINGS.
- 14.5.3 NATURAL GAS PIPING, (WHEN USED), SHALL BE SCHEDULE 40 BLACK STEEL WITH THREADED JOINTS AND MALLEABLE IRON FITTINGS.
- 14.6 GAS VALVES (WHEN REQUIRED)
- 14.6.1 GAS COOKS 2" AND SMALLER SHALL BE 150 PSI NON-SHOCK WOG, BRONZE STRAIGHTWAY COCK, FLAT OR SQUARE HEAD WITH THREADED ENDS.
- 14.6.2 PRESSURE REGULATING VALVES SHALL BE SINGLE STAGE, STEEL JACKETED, CORROSION-RESISTANT, GAS PRESSURE REGULATORS WITH ATMOSPHERIC VENT, ELEVATION COMPENSATOR, THREADED ENDS, PROPER SPRING FOR INLET AND OUTLET GAS PRESSURES AND SIZED FOR THE SPECIFIC GRAVITY AND VOLUME OF FLOW AS INDICATED AND/OR REQUIRED.
15. EQUIPMENT
- 15.1 HVAC EQUIPMENT SHALL BE AS SCHEDULED ON THE DRAWINGS AND/OR SPECIFIED HEREIN.
16. EXECUTION
- 16.1 GENERAL
- 16.1.1 ACCESSIBILITY - ALL EQUIPMENT SHALL BE INSTALLED IN SUCH A MANNER THAT ALL COMPONENTS REQUIRING ACCESS ARE LOCATED AND INSTALLED THAT THEY MAY BE SERVICED, REPAIR, REPLACED, OR REOILED, ETC., BY SERVICE PEOPLE WITH NORMAL SERVICE TOOLS AND EQUIPMENT.
- 16.1.2 WORK BY OTHER TRADES - FOR THE WORK REQUIRED BY OTHER TRADES FOR CHANGES MADE BY THIS CONTRACTOR IN TYPE OR SIZE OF EQUIPMENT PURCHASED, ANY CUTTING, PATCHING, FURRING, PAINTING, ELECTRICAL OR PLUMBING WORK SHALL BE DONE BY THE AFFECTED TRADE AT THIS CONTRACTOR'S EXPENSE.
- 16.1.3 WORK NOT INCLUDED - POWER WIRING, INCLUDING FINAL CONNECTIONS, IS BY THE ELECTRICAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL INSTALL ALL MOTORS AND FURNISH THE STARTING EQUIPMENT TO THE ELECTRICAL CONTRACTOR FOR INSTALLATION. UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS, CONTROLS/WIRING AND RELATED CONDUIT AND J-BOXES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL SENSORS, INTERLOCKS, ETC. SHALL BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR. MECHANICAL CONTRACTOR TO ORDER THERMOSTATS FROM HONEYWELL TO BE INSTALLED BY MECHANICAL CONTRACTOR. DUCT MOUNTED SMOKE DETECTORS SHALL BE FACTORY INSTALLED. THE REMOTE INDICATOR/TEST STATION FOR EACH SMOKE DETECTOR BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. SMOKE DETECTOR WIRING NOT FACTORY INSTALLED, ALL REMOTE INDICATOR/TEST STATION WIRING, AND ALL RELATED CONDUIT SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
- 16.1.4 EARLY START-UP - THIS CONTRACTOR SHALL ENSURE THAT ALL MECHANICAL EQUIPMENT IS CONNECTED WITH ELECTRICAL POWER AS EARLY AS POSSIBLE SO THAT BALANCING AND TESTING CAN BEGIN AT THE EARLIEST DATE AVAILABLE.
- 16.1.5 CLEANING AND PAINTING - THOROUGHLY CLEAN ALL EQUIPMENT AND REMOVE ALL TRASH, CARTONS, ETC., FROM THE WORK AREA. MAKE ANY NECESSARY CORRECTIONS OR REPAIR/REPLACE AS NECESSARY. ALL MATERIALS OR EQUIPMENT LEAVE THE ENTIRE WORK SPACE IN A THOROUGHLY CLEAN AND ORDERLY MANNER. ANY FINISHED SURFACES THAT HAVE BEEN SCRATCHED OR DISCOLORED SHALL BE TOUCHED UP OR REPAINTED TO MATCH THE ORIGINAL COLOR IF ANY PART HAS BEEN BENT, BROKEN OR OTHERWISE DAMAGED. IT SHALL BE REPLACED PRIOR TO PROJECT CLOSEOUT. ALL METAL ITEMS INSIDE THE BUILDING SUBJECT TO RUSTING, AND ALL FERROUS METAL EXPOSED TO THE WEATHER SHALL BE GIVEN ONE COAT OF RUST PREVENTIVE PRIMER IMMEDIATELY AFTER INSTALLATION.
- 16.2 EQUIPMENT INSTALLATION
- 16.2.1 ALL EQUIPMENT AND RELATED PIPING, DUCTWORK AND ACCESSORIES SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO BUILDING LINES AND, IF INSTALLED WITHIN THE BUILDING ENVELOPE, SHALL BE INSTALLED AS HIGH AS POSSIBLE TO ALLOW THE MAX-MIMUM ALLOWED HEADROOM. EQUIPMENT THAT REQUIRES ROUTINE MAINTENANCE OR HIGH FILTER REPLACEMENT SHALL BE INSTALLED AND ARRANGED TO BE ACCESS-IBLE. PROVIDE ACCESS PANEL(S) AS REQUIRED AND/OR AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER. ALL EQUIPMENT SHALL BE INSTALLED WITH THE REQUIRED CLEARANCES AS REQUIRED BY THE EQUIPMENT MANUFACTURER OR AS REQUIRED BY GOVERNING CODES, WHICHEVER IS GREATER.
- 16.3 DUCTWORK
- 16.3.1 LOW PRESSURE DUCTWORK AND FITTINGS SHALL BE MADE TIGHT FOR MINIMUM AIR LEAKAGE. DUCT TAPE SHALL NOT BE USED TO SEAL JOINTS, TO MAKE TRANSITIONS, OR FOR ANY OTHER REASON.
- 16.3.2 INSTALL DUCTWORK AS HIGH AS POSSIBLE.
- 16.3.3 PROVIDE TURNING VANES AT ALL CHANGES IN DIRECTION.
- 16.3.4 PROVIDE VOLUME CONTROL DAMPERS AND BALANCING DEVICES AS REQUIRED TO DISTRIBUTE THE AIR AND AS INDICATED ON THE DRAWINGS.
- 16.3.5 NOTE: DUCT DIMENSIONS INDICATED ON THE DRAWINGS ARE INSIDE CLEAR, OR FREE AREA DIMENSIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INTERNAL DUCT LINER (WHERE SPECIFIED) WHEN ORDERING PREFABRICATED DUCTWORK OR WHEN FABRICATING DUCTS IN THE FIELD.
- 16.4 DUCT INSULATION
- 16.4.1 ALL DUCTWORK DESIGNATED TO RECEIVE DUCT LINER SHALL BE COMPLETELY COVERED WITH LINER. TRAVERSE JOINTS SHALL BE NEATLY BUTTED AND THERE SHALL BE NO INTERRUPTIONS OR GAPS.
- 16.4.2 DUCT LINER SHALL BE CUT AS REQUIRED TO ENSURE OVERLAPPED AND COMPRESSED LONGITUDINAL CORNER JOINTS.

- 16.4.3 FASTENERS SHALL START WITHIN 3" OF THE UPSTREAM TRAVERSE EDGES OF THE LINER AND 3" FROM THE LONGITUDINAL JOINTS AND SHALL BE SPACED AT A MAXIMUM OF 12" O.C. AROUND THE PERIMETER OF THE DUCT. ELSEWHERE THEY SHALL BE SPACED AT A MAXIMUM OF 18" O.C. EXCEPT THAT THEY SHALL BE PLACED NOT MORE THAN 6" FROM A LONGITUDINAL JOINT OF THE LINER OR 12" FROM A CORNER BREAK.
- 16.5 ROOF WORK
- 16.5.1 INSTALL ROOF MOUNTED EQUIPMENT SUPPORT RAILS OR ROOF CURBS AS REQUIRED FOR THE JOB CONDITIONS AND AS RECOMMENDED BY THE MANUFACTURER FOR THE INSTALLATION OF ROOF MOUNTED EQUIPMENT. THE EXACT LOCATION OF ALL ROOF MOUNTED EQUIPMENT IS SUBJECT TO THE APPROVAL OF AAP. COORDINATE THE ENTIRE INSTALLATION WITH THE AAP REPRESENTATIVE.
- 16.5.2 ALL ROOF PENETRATIONS SHALL BE INSTALLED PER AAP REQUIREMENTS AND THE ROOFING MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL ROOF PENETRATION AND SEALING REQUIREMENTS PRIOR TO BID.
- 16.5.3 THE CONTRACTOR SHALL PROVIDE A TEMPORARY PLYWOOD WORK PLATFORM SECURELY BOND PIPING STANDS TO THE AREA WHERE NEW ROOF MOUNTED EQUIPMENT AND/OR DUCTS ARE TO BE INSTALLED. THE ENTIRE WORK AREA SHALL REMAIN ON THE ROOF DURING THE ENTIRE PERIOD OF INSTALLATION AND SHALL BE REMOVED FROM THE ROOF AND THE SITE BY THIS CONTRACTOR UPON COMPLETION OF THE INSTALLATION.
- 16.5.4 ALL ROOF PENETRATIONS FOR POWER AND CONTROL/EMS WIRING CONDUTITS AND CONDENSATE PIPING SHALL BE MADE INSIDE THE CONFINED FINES OF THE ROOF CURB.
- 16.6 NATURAL GAS PIPING (WHEN USED)
- 16.6.1 INSTALL ALL GAS PIPING IN ACCORDANCE WITH ALL APPLICABLE CODES. PIPE SEALANT SHALL BE APPLIED TO THE MALE THREADS ONLY AND SHALL BE CHEMICALLY RESISTANT TO NATURAL GAS.
- 16.6.2 CONTRACTOR SHALL REMOVE CUTTING AND THREADING BURRS AND SHALL SECURELY BOND PIPING TIGHTLY TO DEBRIS AND BLOCKAGES PRIOR TO PIPING ASSEMBLY.
- 16.6.3 CONTRACTOR SHALL PLUG EACH GAS OUTLET, INCLUDING VALVES, WITH A THREADED PLUG OR CAP IMMEDIATELY UPON INSTALLATION. CAP OR PLUG SHALL REMAIN IN PLACE UNTIL CONTINUING PIPING OR CONNECTIONS ARE MADE TO VALVE(S) OR EQUIPMENT.
- 16.6.4 THE GAS PIPING SYSTEM SHALL BE GROUNDED ELECTRICALLY AND CONTINUOUSLY. BOND PIPING TIGHTLY TO GROUNDING CONNECTORS. GROUNDING OF PIPING SHALL BE PER THE LANDLORD'S REQUIREMENTS AND IN COMPLIANCE WITH ALL APPLICABLE CODES.
- 16.6.5 PROVIDE A FULL SIZE DIRT LEG, GAS COCK AND UNION IN THE SUPPLY PIPING AT ALL CONNECTIONS TO GAS FIRED EQUIPMENT AND AS INDICATED ON THE DRAWINGS.
- 16.6.6 ROOF MOUNTED GAS PIPING SHALL BE SUPPORTED BY MRO INDUSTRIAL STANDS. IN PIPE DOWLSHOLE STANDS, MODEL 3R WITH GALVANIZED STRAP ANCHOR AND ISOLATION PAD BELOW THE PIPE STAND(S). INSTALL PIPE STANDS PER THE MANUFACTURER'S RECOMMENDATIONS.
- 16.6.7 GAS PIPING SHALL BE SUPPORTED AT ALL VALVES, FITTINGS, CHANGES IN DIRECTION AND AT 10' O.C. AND SHALL NOT DEFLECT WHEN VALVES ARE OPENED AND CLOSED.
- 16.6.8 SLOPE GAS PIPING AT 1/8" PER FT. UPWARD IN THE DIRECTION OF FLOW. INSTALL A FULL SIZE DIRT LEG AT EACH LOW POINT IN THE SYSTEM.
- 16.6.9 CONTRACTOR SHALL INSPECT, TEST AND PURGE THE GAS PIPING SYSTEM IN ACCORDANCE WITH THE APPLICABLE LOCAL UTILITY REQUIREMENTS PRIOR TO CONNECTION TO THE GAS METER.
17. THIS CONTRACTOR SHALL ENGAGE THE SERVICES OF AN AABC OR NEBB CERTIFIED TEST & BALANCE CONTRACTOR TO ADJUST AND COMPLETELY BALANCE THE INSTALLED SYSTEM(S) TO THE DESIGN AIR QUANTITIES. THE BALANCING CONTRACTOR SHALL PROVIDE AAP WITH A COPY OF THE CERTIFIED TEST & BALANCE REPORT SHOWING DESIGN AND MEASURED AIR QUANTITIES, STATIC PRESSURES, FAN MOTOR RPM AND MAJOR CURBER TO SHEET T1 OF THE DRAWINGS. DESIGN AND MEASURED QUANTITIES SHALL NOT BE GREATER THAN 10%.
18. ALL MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE BY AAP. DEFECTS OCCURRING DURING THAT PERIOD SHALL BE CORRECTED AS SPECIFIED HEREIN.
- 18.1 DEFECTS IN EQUIPMENT AND/OR MATERIALS
- 18.1.1 FOR EQUIPMENT AND/OR MATERIALS PURCHASED OR PROVIDED UNDER A NATIONAL ACCOUNT AGREEMENT, THE CONTRACTOR SHALL COORDINATE REPLACEMENT AND/OR REPAIR, AND ANY ASSOCIATED COSTS, FEES, OR CHARGES WITH THE APPROPRIATE NATIONAL ACCOUNT REPRESENTATIVE. REFER TO SHEET T1 OF THE DRAWINGS FOR ACCOUNT REPRESENTATIVE CONTACT DATA.
- 18.1.2 FOR EQUIPMENT AND/OR MATERIALS NOT PURCHASED OR PROVIDED UNDER A NATIONAL ACCOUNT, THE CONTRACTOR SHALL PROVIDE REPLACEMENT AND/OR REPAIR AND ANY ASSOCIATED COSTS, FEES, OR CHARGES. AT NO ADDITIONAL COST TO AAP.
- 18.2 FOR THE SAME PERIOD, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE INCURRED TO THE PREMISES BY DEFECTS IN HIS WORKMANSHIP OR WORK AND/OR EQUIPMENT INSTALLED BY OTHERS UNDER HIS CONTRACT.
19. PROVIDE SEISMIC BRACING FOR ALL EQUIPMENT AND PIPING PER THE APPLICABLE SEISMIC ZONE.
20. PROVIDE LISTED FIRESTOPPING AT ALL PENETRATIONS THROUGH RAISED WALLS, FLOORS, PARTITIONS, ETC.
21. ENERGY MANAGEMENT SYSTEM
- 21.1 AAP VENDOR BRINBOX AI SHALL COMPLETE ALL WORK FOR THE EMS IN ACCORDANCE WITH ALL LOCAL, STATE AND NATIONAL CODES GOVERNING WORK TO BE PERFORMED.
- 21.2 MECHANICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL REQUIRED INTERFACE DEVICES TO PROVIDE FOR A 24 VAC CONVENTIONAL THERMOSTAT WIRING INTERFACE FOR EACH RTU
- 21.3 MECHANICAL CONTRACTOR SHALL ORDER HONEYWELL THERMOSTATS, NO SUBSTITUTIONS ALLOWED. MECHANICAL CONTRACTOR WILL INSTALL THERMOSTATS AND ALL 1/8" WIRING FOR EACH RTU.

NOTE: MANUFACTURERS' NAMES ON WHICH THIS SPECIFICATION IS BASED INDICATE THE MINIMUM QUALITY OF PRODUCT REQUIRED. SUBSTITUTION MAY BE MADE TO THOSE SPECIFIED IF DEEMED EQUIVALENT BY ADVANCE AUTO PARTS (AAP). ALL WORK AND PRODUCTS SHALL MEET THE REQUIREMENTS OF AAP.

1. ALL WORK SHALL BE PERFORMED IN CONFORMANCE WITH ALL APPLICABLE CODES AND ADVANCE AUTO PARTS' (AAP) MINIMUM REQUIREMENTS AS STATED HEREIN OR OTHERWISE INDICATED BY AAP.

2. SEE ARCHITECTURAL GENERAL AND SPECIAL CONDITIONS. ALL CONDITION REQUIREMENTS SHALL APPLY UNLESS OTHERWISE NOTED.

3. ALL WORK SHALL BE PERFORMED AS INDICATED ON DRAWINGS UNLESS FIELD CONDITIONS REQUIRE MINOR CHANGES BE MADE. MINOR CHANGES SHALL BE MADE WITH NO ADDITIONAL COST.

4. ALL WORK SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE WORK BY AAP.

5. ACTUAL LOCATIONS OF UTILITY SERVICES MUST BE FIELD VERIFIED. CHANGES TO CONFORM TO ACTUAL POINTS OF CONNECTION SHALL BE MADE AT NO ADDITIONAL COST.

6. EQUIPMENT, FIXTURES, AND ACCESSORIES SHALL NOT BE SUPPORTED FROM CEILINGS, SOFFITS, NEUTRAL PIERS, PIPING, DUCTWORK, ROOF DECK, LATERAL BRACING, BRIDGING OR CONDUIT. ITEMS SHALL ONLY BE SUPPORTED FROM STRUCTURE WHICH HAS BEEN APPROVED FOR SUPPORT.

7. ALL ROOF WORK PENETRATIONS AND REPAIRS SHALL BE TOTALLY PERFORMED BY ONLY THOSE ROOFING CONTRACTORS APPROVED BY AAP. THIS CONTRACTOR SHALL ONLY EMPLOY ROOFING CONTRACTORS APPROVED BY AAP FOR ALL REQUIRED ROOF WORK.

8. DEFICIENCIES AND NON-CONFORMING ITEMS SHALL BE CORRECTED BY THE CONTRACTOR. FAILURE TO CORRECT SUCH ITEMS SHALL PERMIT AAP TO CORRECT SAME AT A COST TO THE CONTRACTOR.

9. INSTALLATIONS OF EQUIPMENT, i.e. FLOOR DRAINS, WATER HEATERS, ETC., SHALL CONFORM TO THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE CODES.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL PERMITS AND PAYING FOR SAME. HE SHALL INCLUDE IN HIS BID CHARGES FOR ALL FEES ASSOCIATED WITH THE CONSTRUCTION OF THE SPACE INCLUDING BUT NOT LIMITED TO LOCAL, COUNTY, OR STATE SERVICE CHARGES AND PERMIT FEES.

11. THE CONTRACTOR SHALL PREPARE AND SUBMIT AS-BUILT DRAWINGS TO AAP. THE AS-BUILT DRAWINGS SHALL INDICATE THE ACTUAL MANUFACTURER OF THE EQUIPMENT THAT WAS INSTALLED, THE EXACT LOCATION OF THE EQUIPMENT AND PERTINENT CAPACITIES.

12. SCOPE OF WORK:

12.1 THE WORK INCLUDES FURNISHING ALL LABOR, MATERIALS, SUPPLIES, EQUIPMENT AND FEES REQUIRED TO COMPLETELY INSTALL, TEST AND PLACE INTO SERVICE THE HEREIN SPECIFIED EQUIPMENT, COMPONENTS, CONTROLS AND SYSTEMS.

12.1.1 SOIL, WASTE AND VENT SYSTEM.

12.1.2 DOMESTIC WATER SYSTEM.

12.1.3 DOMESTIC WATER HEATER.

12.1.4 PLUMBING FIXTURES AND TRIM.

12.1.5 MISCELLANEOUS STEEL WORK, FLOOR AND WALL SLEEVES, SLOTS AND INSERTS, PLATES, SUPPORTS AND HANGERS.

12.1.6 ALL OTHER PLUMBING ITEMS INDICATED ON THE PLANS, SPECIFIED HEREIN, OR NEEDED FOR A COMPLETE AND FUNCTIONAL PLUMBING INSTALLATION IN ACCORDANCE WITH ALL GOVERNING CODES AND REGULATIONS.

12.1.7 CLEANING AND TESTING OF ALL SYSTEMS.

12.1.8 WARRANTY OF ALL WORK FOR A PERIOD OF ONE YEAR.

13. MATERIALS:

13.1 SANITARY DRAIN, WASTE, AND VENT PIPING SHALL BE:

13.1.1 UNDERFLOOR - SERVICE WEIGHT CAST IRON HUB AND SPIGOT SIZES AND FITTINGS COATED INSIDE AND OUT PER FEDERAL SPECIFICATION WW-P-401. JOINTS SHALL BE MADE WITH DOUBLE SEAL COMPRESSION-TYPE GASKETS EQUAL TO TV-SEAL.

13.1.2 ABOVE FLOOR - HUBLESS CAST IRON PIPE AND FITTINGS COATED INSIDE AND OUT, CIP1-301. JOINTS SHALL BE STAINLESS STEEL SHIELD AND CLAMP WITH NEOPRENE SEALING SLEEVE.

13.1.3 AT THE CONTRACTOR'S OPTION, WITH THE PERMISSION OF AAP, AND IF IN COMPLIANCE WITH GOVERNING CODE, SANITARY DRAIN, WASTE, AND VENT PIPING BOTH ABOVE AND BELOW THE FLOOR MAY BE SCHEDULE 40 PVC WITH SOLVENT CEMENT JOINTS.

13.2 DOMESTIC WATER PIPING SHALL BE (VERIFY WITH ALL CODES):

13.2.1 HIGH-DENSITY CROSS-LINKED POLYETHYLENE TUBING (PEX), DISTRIBUTION SYSTEM SHALL CONFORM TO ASTM F876, ASTM F877, CSA B 137.5, NSF 61 AND ASTM E876. TUBING SHALL HAVE A STANDARD DIMENSIONAL RATION DESIGNATION (SDRW), WITH 100PSI AT 180 DEG F / 160 PSI AT 73 DEG F PRESSURE/TEMPERATURE RATING. TUBING SHALL HAVE PEX5006 CHLORINE RESISTANCE. TUBING SHALL HAVE A 60 DAY MINIMUM UV RATING.

13.2.2 FITTINGS FOR PEX TUBING SHALL CONFORM TO ASTM F 1807 (OR ASTM F 2159) AND ASTM F877 LEAD-FREE INSERT TYPE WITH COPPER RIM RINGS, OR METAL-INSERT TYPE WITH ATTACHED 304 STAINLESS STEEL PRESS SLEEVE, OR PLASTIC-INSERT TYPE WITH ATTACHED 304 STAINLESS STEEL PRESS SLEEVE.

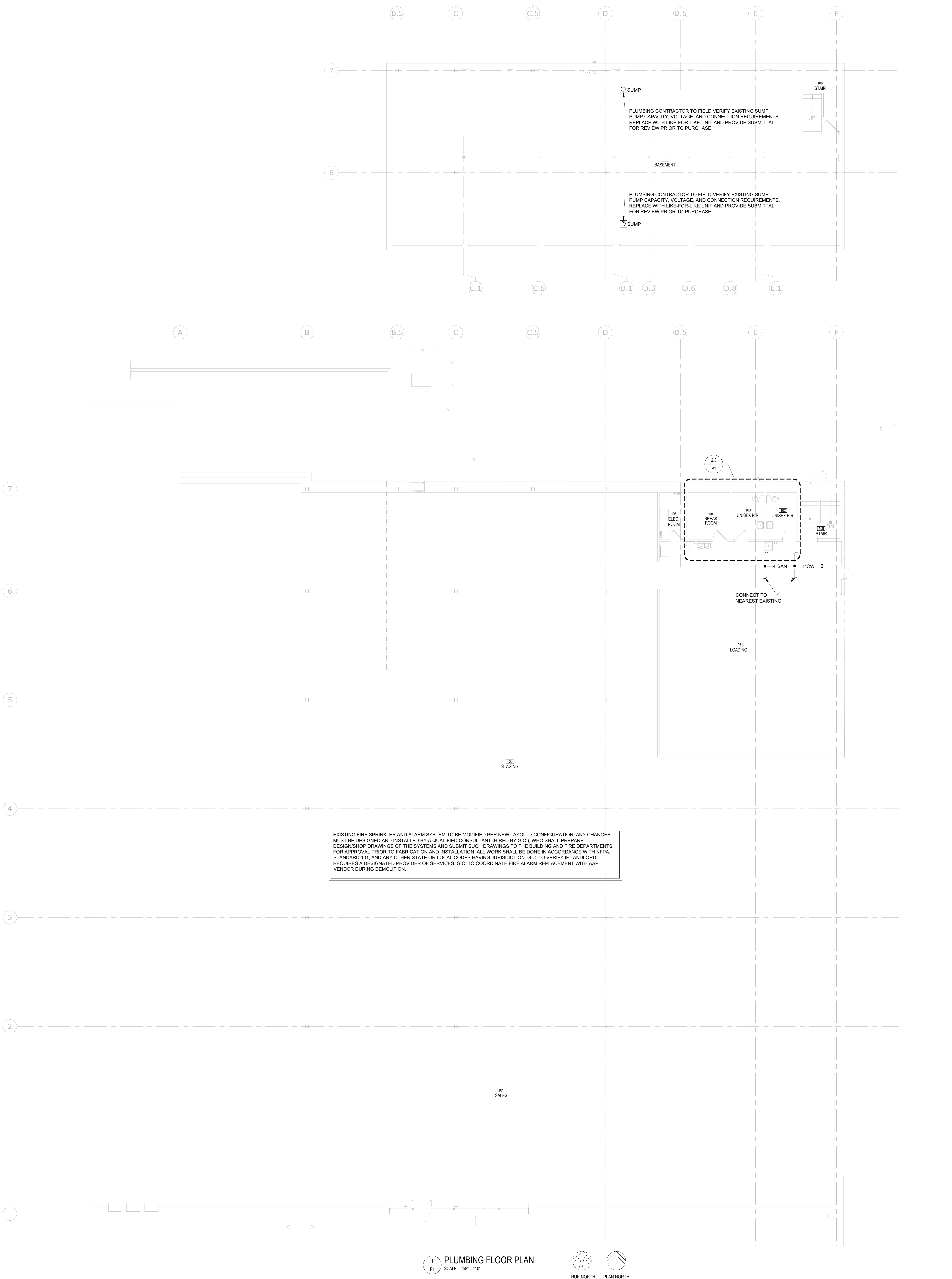
13.2.3 MULTIPLE-OUTLET OR HOMERUN STYLE MANIFOLDS SHALL CONFORM TO ASTM 877, CSA 137.5, SHALL BE COPPER ASSEMBLY WITH BRASS VALVES FOR EACH OUTLET.

13.2.4 ALL TUBING, FITTINGS, MANIFOLDS AND ACCESSORIES SHALL BE BY THE SAME MANUFACTURER. ALL TUBING, FITTINGS, MANIFOLDS AND ACCESSORIES SHALL BE INSTALLED PER THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND SPECIFICATIONS.

- 13.3.1 QUARTER-TURN BRASS BALL VALVE WITH TWO-PIECE BODY, STANDARD PORT, STAINLESS STEEL TRIM, THE SEATS AND BLOWOUT-PROOF STEM, VALVE SHALL BE RATED FOR 400 PSIG/28 BAR NON-SHOCK COLD WORKING PRESSURE, VALVE BALL AND STEM SHALL BE STAINLESS STEEL ASTM A276, TYPE 316. VALVE BODY SHALL BE BRASS, ALL 1212, 1215, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529, 1530, 1531, 1532, 1533, 1534, 1535, 1536, 1537, 1538, 1539, 1540, 1541, 1542, 1543, 1544, 1545, 1546, 1547, 1548, 1549, 1550, 1551, 1552, 1553, 1554, 1555, 1556, 1557, 1558, 1559, 1560, 1561, 1562, 1563, 1564, 1565, 1566, 1567, 1568, 1569, 1570, 1571, 1572, 1573, 1574, 1575, 1576, 1577, 1578, 1579, 1580, 1581, 1582, 1583, 1584, 1585, 1586, 1587, 1588, 1589, 1590, 1591, 1592, 1593, 1594, 1595, 1596, 1597, 1598, 1599, 1600, 1601, 1602, 1603, 1604, 1605, 1606, 1607, 1608, 1609, 1610, 1611, 1612, 1613, 1614, 1615, 1616, 1617, 1618, 1619, 1620, 1621, 1622, 1623, 1624, 1625, 1626, 1627, 1628, 1629, 1630, 1631, 1632, 1633, 1634, 1635, 1636, 1637, 1638, 1639, 1640, 1641, 1642, 1643, 1644, 1645, 1646, 1647, 1648, 1649, 1650, 1651, 1652, 1653, 1654, 1655, 1656, 1657, 1658, 1659, 1660, 1661, 1662, 1663, 1664, 1665, 1666, 1667, 1668, 1669, 1670, 1671, 1672, 1673, 1674, 1675, 1676, 1677, 1678, 1679, 1680, 1681, 1682, 1683, 1684, 1685, 1686, 1687, 1688, 1689, 1690, 1691, 1692, 1693, 1694, 1695, 1696, 1697, 1698, 1699, 1700, 1701, 1702, 1703, 1704, 1705, 1706, 1707, 1708, 1709, 1710, 1711, 1712, 1713, 1714, 1715, 1716, 1717, 1718, 1719, 1720, 1721, 1722, 1723, 1724, 1725, 1726, 1727, 1728, 1729, 1730, 1731, 1732, 1733, 1734, 1735, 1736, 1737, 1738, 1739, 1740, 1741, 1742, 1743, 1744, 1745, 1746, 1747, 1748, 1749, 1750, 1751, 1752, 1753, 1754, 1755, 1756, 1757, 1758, 1759, 1760, 1761, 1762, 1763, 1764, 1765, 1766, 1767, 1768, 1769, 1770, 1771, 1772, 1773, 1774, 1775, 1776, 1777, 1778, 1779, 1780, 1781, 1782, 1783, 1784, 1785, 1786, 1787, 1788, 1789, 1790, 1791, 1792, 1793, 1794, 1795, 1796, 1797, 1798, 1799, 1800, 1801, 1802, 1803, 1804, 1805, 1806, 1807, 1808, 1809, 1810, 1811, 1812, 1813, 1814, 1815, 1816, 1817, 1818, 1819, 1820, 1821, 1822, 1823, 1824, 1825, 1826, 1827, 1828, 1829, 1830, 1831, 1832, 1833, 1834, 1835, 1836, 1837, 1838, 1839, 1840, 1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, 1876, 1877, 1878, 1879, 1880, 18

- 4.1.4 DOMESTIC WATER PIPING:
- 14.1.4.1 WATER PIPING SHALL BE SUPPORTED FROM THE STRUCTURE PER THE GOVERNING CODE, WITH A MINIMUM OF ONE HANGER FOR EACH SECTION OF PIPE AND AT ALL CHANGES IN DIRECTION.
- 14.1.4.2 WATER PIPING SHALL BE ROUTED PARALLEL OR PERPENDICULAR TO THE LINES OF THE BUILDING.
- 14.1.4.3 PROVIDE FITTINGS AT EACH CHANGE IN DIRECTION OR CHANGE IN PIPE SIZE.
- 14.1.4.4 PROPER ALLOWANCE SHALL BE MADE FOR EXPANSION AND ALL PIPING SHALL BE BLOCKED AS REQUIRED TO PREVENT NOISE OR VIBRATION.
- 14.1.4.5 PROVIDE A SHUT OFF VALVE AT EACH WATER CONNECTION TO EACH FIXTURE.
- 14.1.5 ALL DRAINS SHALL BE PROVIDED WITH A DEEP SEAL P-TRAP.
- 14.1.6 THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED TO PERFORM HIS WORK. CUTTING AND PATCHING SHALL CONFORM TO THE RELEVANT "GENERAL CONDITIONS" SPECIFICATIONS.
- 14.1.7 ALL FLOOR AND FOUNDATION WALL PENETRATIONS SHALL BE CORE DRILLED AND PROVIDED WITH A WATERPROOF SLEEVE.
- 14.1.8 PROVIDE CHROME PLATED CAST BRASS ESCUTCHEON WITH SET SCREWS, DEEP TIE TO COVER PIPE SLEEVE OR FITTING PROJECTIONS AT ALL FLOOR, WALL AND CEILING PENETRATIONS.
- 14.1.9 THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXCAVATION AND BACKFILL OF TRENCHES AND ANY CONCRETE SLAB REPLACEMENT REQUIRED TO INSTALL BELOW GRADE OR UNDERFLOOR PIPING.
- 14.1.10 THE ROOF PENETRATION FOR VENT PIPING SHALL BE CUT AND FLASHED IN STRICT ACCORDANCE WITH THE ROOFING MANUFACTURER'S REQUIREMENTS. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH THE MANUFACTURER'S REQUIREMENTS. FLASH VENT PIPING PASSING THROUGH THE ROOF WITH A SHEET LEAD FLASHING EXTENDING NOT LESS THAN 12" ON EACH SIDE OF THE VENT. THE VERTICAL PORTION OF THE FLASHING SHALL EXTEND UP THE ENTIRE LENGTH OF THE VENT AND SHALL BE TURNED DOWN INSIDE THE PIPE.
- 14.1.11 MINIMUM VENT THROUGH THE ROOF SHALL BE 3" SIZE.
- 14.2 WATER METER INSTALLATION
- 14.2.1 THIS CONTRACTOR SHALL MAKE ARRANGEMENTS WITH THE LOCAL WATER UTILITY COMPANY FOR THE INSTALLATION OF THE REQUIRED WATER METER. THIS INCLUDES THE PURCHASE OF THE METER AND THE INSTALLATION IN THE LOCATION SHOWN ON THE PLAN OR AS REQUIRED BY THE LOCAL WATER AUTHORITY.
- 14.2.2 THIS CONTRACTOR SHALL EXTEND DOMESTIC WATER PIPING FROM THE METER LOCATION TO THE BUILDING. CUTTING OF WATER PIPING TO THE BUILDING IS SUBJECT TO THE APPROVAL OF A.P.
- 14.2.3 THIS CONTRACTOR SHALL PAY ALL FEES REQUIRED FOR THE INSTALLATION OF THE WATER SERVICE AND METER.
15. TESTING
- 15.1 THIS CONTRACTOR SHALL TEST ALL SYSTEMS INSTALLED UNDER HIS CONTRACT. ALL TESTING SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES.
- 15.1.1 DOMESTIC WATER PIPING SHALL BE TESTED AT 100 PSI. THE PRESSURE SHALL BE MAINTAINED FOR A PERIOD OF ONE HOUR. IF LEAKS APPEAR THE PIPING SHALL BE DRAINED, REPAIRED AND RE-TESTED UNTIL LEAK-FREE.
- 15.1.2 SOIL, WASTE AND VENT PIPING SHALL BE TESTED WITH WATER. THE WATER SHALL MAINTAIN A CONSTANT LEVEL AT THE HIGHEST POINT OF THE SYSTEM (OR AT LEAST 10 FT. ABOVE THE MEAN ELEVATION OF THE PIPING UNDER TEST, WHICHEVER IS HIGHER) FOR AT LEAST 4 HOURS. IF LEAKS APPEAR, THE PIPING SHALL BE DRAINED, REPAIRED AND RE-TESTED UNTIL LEAK-FREE.
16. DOMESTIC WATER SYSTEMS SHALL BE CHLORINATED IN ACCORDANCE WITH THE PROCEDURES DESCRIBED IN AWWA C601-08. CHLORINE SHALL BE ADDED TO THE SYSTEM AT A RATE SUFFICIENT TO PRODUCE A CHLORINE CONCENTRATION OF 50 MG/L AVAILABLE CHLORINE AND HELD IN THE SYSTEM FOR A 24 HOUR RETENTION PERIOD. AFTER CHLORINATION THE SYSTEM SHALL BE DRAINED AND PUT INTO SERVICE.
17. ALL MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE BY A.P. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AS SPECIFIED HEREIN.
- 17.1 DEFECTS IN EQUIPMENT AND/OR MATERIALS
- 17.1.1 FOR EQUIPMENT AND/OR MATERIALS PURCHASED OR PROVIDED UNDER A NATIONAL ACCOUNT AGREEMENT, THE CONTRACTOR SHALL COORDINATE REPLACEMENT AND/OR REPAIR, AND ANY ASSOCIATED COSTS, FEES, OR CHARGES WITH THE APPROPRIATE NATIONAL ACCOUNT REPRESENTATIVE. REFER TO SHEET 11 OF THE DRAWINGS FOR ACCOUNT REPRESENTATIVE CONTACT DATA.
- 17.1.2 FOR EQUIPMENT AND/OR MATERIALS NOT PURCHASED OR PROVIDED UNDER A NATIONAL ACCOUNT, THE CONTRACTOR SHALL PROVIDE REPLACEMENT AND/OR REPAIR AND ANY ASSOCIATED COSTS, FEES, OR CHARGES, AT NO ADDITIONAL COST TO A.P.
- 17.2 FOR THE SAME PERIOD, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE PREMISES BY DEFECTS IN HIS WORKSMANSHIP OR WORK AND/OR EQUIPMENT INSTALLED BY OTHERS UNDER HIS CONTRACT.
18. PROVIDE SEISMIC BRACING FOR ALL EQUIPMENT AND PIPING PER THE APPLICABLE SEISMIC ZONE REQUIREMENTS.
19. PROVIDE LISTED FIRESTOPPING AT ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, PARTITIONS, ETC.

GENERAL NOTE:
G.C. TO REMOVE ALL SHIPPING BOLTS FROM UNITS.



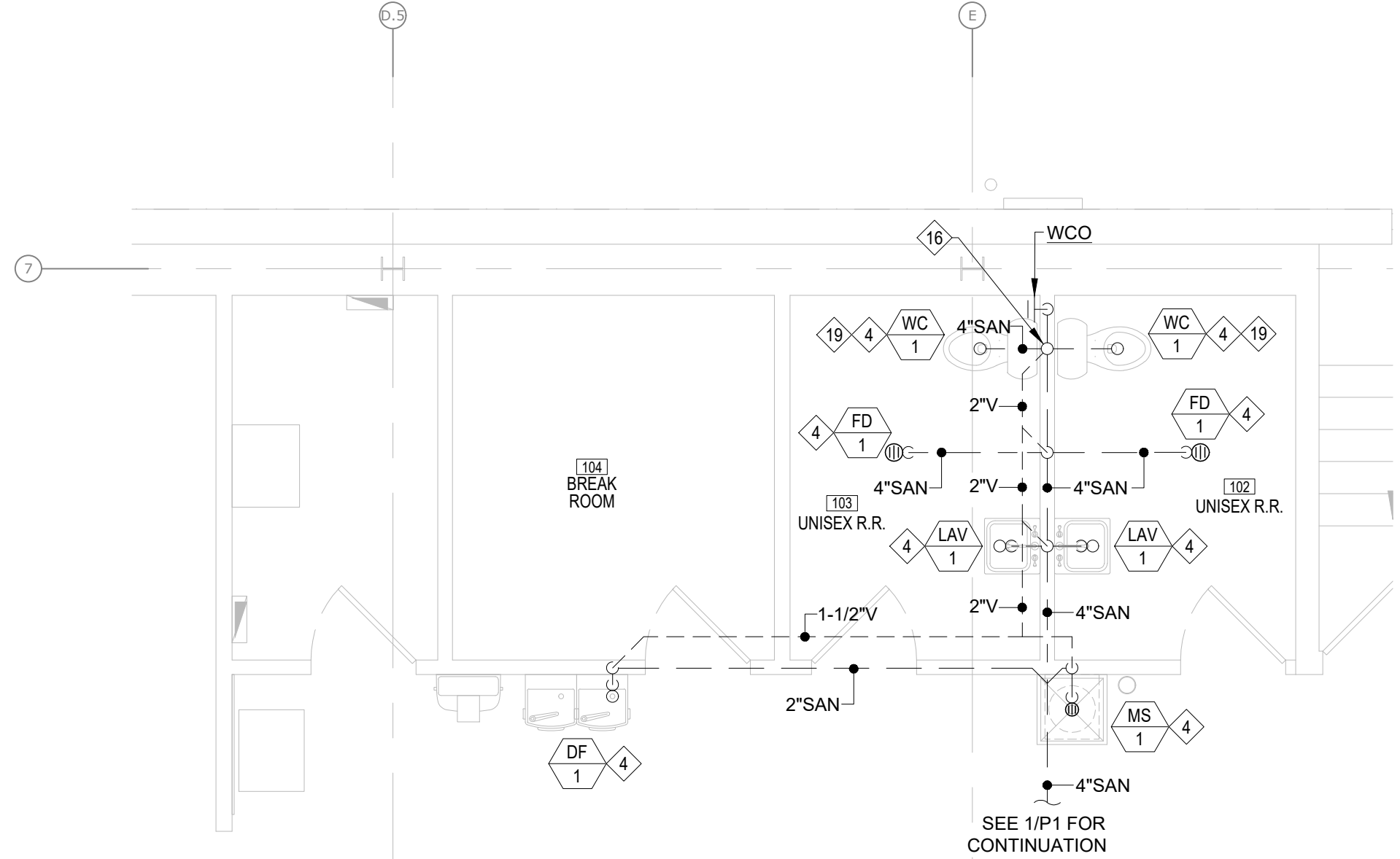
PLUMBING GENERAL NOTES:

- PRIOR TO SUBMITTING A BID, THIS CONTRACTOR AND HIS SUBCONTRACTORS SHALL VISIT THE JOB SITE AND FULLY ACQUAINT THEMSELVES WITH THE EXISTING CONDITIONS OF THE PROJECT. THIS CONTRACTOR AND HIS SUBCONTRACTORS SHALL BE RESPONSIBLE FOR REVIEW OF GENERAL NOTES, SPECIFICATIONS AND ALL OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY ADVANCE AUTO PARTS (AAP) OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.
- THE INSTALLATION SHALL COMPLY WITH, AND BE INSTALLED IN ACCORDANCE WITH ALL LEGALLY CONSTITUTED AUTHORITIES AND CODES HAVING JURISDICTION.
- DRAWINGS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING UTILITIES AT THE POINTS OF CONNECTION OF NEW SERVICES BEFORE THE START OF CONSTRUCTION. COORDINATE ALL PIPING WITH BUILDING FOOTINGS, STRUCTURE, FOUNDATIONS, UNDERGROUND UTILITIES BY OTHER TRADES, ETC.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHT OF PLUMBING FIXTURES. PLUMBING FIXTURE LOCATION DIMENSIONS INDICATED ON THE ARCHITECTURAL PLANS OR AS REQUIRED TO COMPLY WITH APPLICABLE ACCESSIBILITY STANDARDS SHALL BE HELD. VERIFY ALL INSTALLATION DIMENSIONS PRIOR TO PIPING OR FIXTURE ROUGH-IN.
- PROVIDE SHUT OFF VALVES AT ALL PLUMBING FIXTURE WATER SUPPLY CONNECTIONS. VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED AND SHALL BE QUARTER-TURN BALL VALVES (NO EXCEPTIONS). REFER TO THE SPECIFICATIONS FOR CLARIFICATION.
- UNLESS OTHERWISE NOTED, ALL PIPING IN FINISHED AREAS SHALL BE RUN CONCEALED. EXPOSED PIPING, WHERE NECESSARY, SHALL BE RUN AS HIGH AS POSSIBLE AND TIGHT TO WALLS. DO NOT INSTALL DOMESTIC WATER PIPING IN EXTERIOR WALLS.
- INSULATE HOT AND COLD WATER PIPING PER THE PLUMBING SPECIFICATIONS ON SHEET MP-1. PROVIDE PIPE AND VALVE COVERINGS EQUAL TO TRUEBRO "LAV GUARD" ON ALL EXPOSED PIPING UNDER THE LAVATORIES AND WATER CLOSETS.
- PROVIDE ACCESS PANELS WITH CHROME PLATED COVERS FOR ALL CONCEALED VALVES.
- THE PLUMBING SYSTEM LAYOUT SHALL BE IN CAREFUL COORDINATION WITH THE DRAWINGS, DETERMINING PROPER ELEVATION FOR ALL COMPONENTS OF THE SYSTEM. THE GENERAL LAYOUT SHALL BE FOLLOWED AS SHOWN ON THE DRAWINGS IN ALL CASES, EXCEPT WHERE OTHER DISCIPLINES MAY INTERFERE.
- CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE MADE.
- UNLESS OTHERWISE NOTED, SANITARY SEWER PIPING 3" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT AND SANITARY SEWER PIPING 4" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT IN THE DIRECTION OF FLOW.
- PROVIDE TRAP PRIMER VALVES WHERE REQUIRED BY LOCAL BUILDING CODES. PROVIDE 1/2" COPPER TRAP PRIMER PIPING WITH NO JOINTS UNDER THE FLOOR SLAB TO CONNECT TO THE FLOOR DRAIN P-TRAP. PROVIDE ONE SUPPLY PIPE PER FLOOR DRAIN ROUTED DIRECTLY FROM THE TRAP PRIMER VALVE OR ASSOCIATED DISTRIBUTION UNIT. SLOPE TRAP PRIMER SUPPLY PIPING BELOW THE FLOOR AT 1% MINIMUM IN THE DIRECTION OF FLOW. PROVIDE A 12" x 12" ACCESS PANEL IN THE TOILET ROOM WALL.
- ALL WORK SHALL BE COORDINATED WITH THE OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEMS SHALL BE FULLY OPERATIVE AND CODE COMPLIANT.
- CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, INSPECTIONS, TESTS, AND ASSOCIATED FEES.
- THIS CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF 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.
- PROVIDE FLOOR DRAINS NEAR ALL BACKFLOW VALVES IN PREMISES FOR RELIEF DRAINAGE. IF POSSIBLE LOCATE ASSEMBLY NEAR MOP BASIN, AND DISCHARGE INTO FIXTURE.

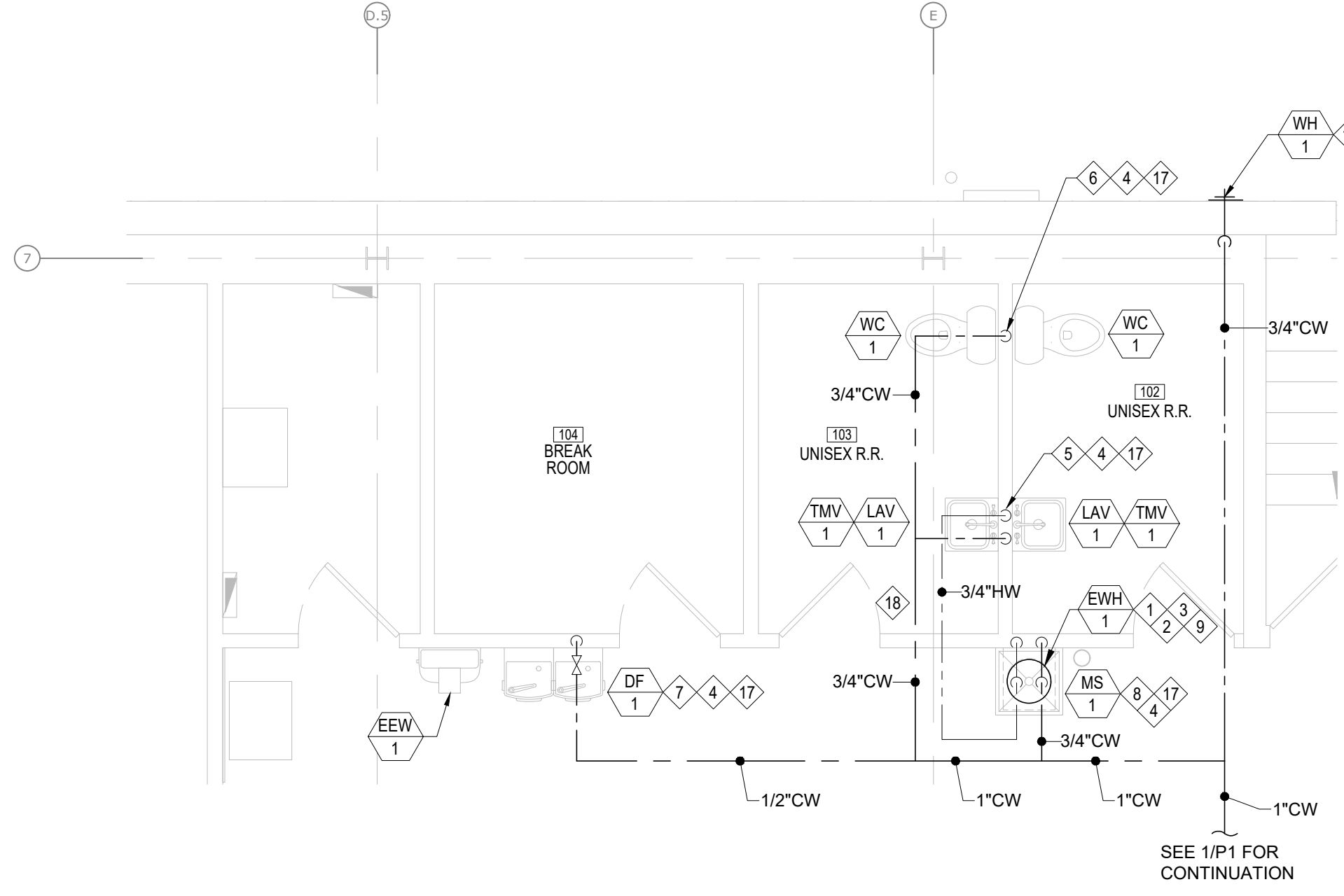
PLUMBING PLAN KEY NOTES:

- WATER HEATER (EWH-1) TO BE MOUNTED ON METAL SHELF ABOVE MOP SINK BY GC. SEE ARCHITECTURAL SHEET A-2 FOR MORE INFORMATION.
- PROVIDE A 2" DEEP GALVANIZED WATERPROOF SAFE PAN UNDER THE WATER HEATER WITH A 1-1/2" DRAIN LINE TO THE MOP SINK. TERMINATE THE DRAIN LINE WITH A MIN. 2" AIR GAP. ROUTE FULL SIZE T & P RELIEF LINE WITHOUT TRAP TO DISCHARGE INTO THE MOP SINK. TERMINATE THE T & P RELIEF PIPING WITH THE APPROPRIATE AIR GAP. DRAIN LINE AND T & P RELIEF PIPING SHOULD BE CONCEALED IN THE TOILET ROOM WALL AND DISCHARGED LESS THAN 4" ABOVE THE MOP SINK BASIN.
- PROVIDE A VACUUM RELIEF VALVE EQUAL TO WATTS MODEL LFN36 AT THE HIGH POINT OF THE WATER HEATER SUPPLY PIPING.
- ROUTE VENT & WATER SUPPLY PIPING AND ALL DRAIN LINES INSIDE THE TOILET ROOM WALL/CHASE. FIELD VERIFY THE REQUIRED HEIGHT OF HORIZONTAL RUNS.
- 3/4" HW. CW DOWN IN WALL. RUN 1/2" HW. CW PIPING TO EACH LAVATORY.
- 3/4" CW DOWN IN WALL. RUN 1/2" CW TO EACH WATER CLOSET.
- 1/2" CW DOWN IN WALL TO DRINKING FOUNTAIN.
- 3/4" HW. CW DOWN IN WALL TO MOP SINK.
- 3/4" HW. CW DOWN TO WATER HEATER.
- NOT USED-1" UNDERGROUND DOMESTIC COLD WATER SERVICE-REFER TO CIVIL DRAWINGS BY OTHERS FOR CONTINUATION.
- NOT USED-1" DOMESTIC COLD WATER RISER. INSTALL ASSEMBLY IN VERTICAL POSITION WHERE ALLOWED TO MINIMIZE FLOOR SPACE. ROUTE TIGHT TO THE WALL TO ABOVE THE BOTTOM CHORD OF THE ROOF BAR JOISTS. PROVIDE A HOUSE VALVE AT 12-24" A.F.F. TO BE ACCESSIBLE. SHUT OFF ABOVE 6'-0" IN SALES AREA. INSULATE PIPING PER THE PLUMBING SPECIFICATIONS ON SHEET MP-1.
- ROUTE PIPING AS HIGH AS POSSIBLE ABOVE THE BOTTOM CHORD OF THE ROOF BAR JOISTS WITH ALLOWANCE FOR SLOPE AS REQUIRED. INSULATE PIPING PER THE PLUMBING SPECIFICATIONS ON SHEET MP-1.
- MOUNT THE WALL HYDRANT AT 24" ABOVE FIN. GRADE. PROVIDE SILICONE SEALANT ALL AROUND THE WALL HYDRANT BOX TO PROVIDE A WATERTIGHT WALL PENETRATION.
- NOT USED-4" UNDERGROUND SANITARY SEWER- SLOPE AT 1% MINIMUM-REFER TO CIVIL DRAWINGS BY OTHERS FOR CONTINUATION.
- NOT USED-PROVIDE A TWO-WAY CLEAN-OUT FLUSH WITH THE FINISHED GRADE. LOCATE WITHIN 5'-0" OF BUILDING EXTERIOR WALL.
- 2" VENT UP TO 3" VTR. PROVIDE OFFSET(S) AS REQUIRED TO LOCATE THE V.T.R. MINIMUM 18" FROM THE ROOF EDGE AND AS REQUIRED TO COORDINATE WITH THE ROOF FRAMING. ROUTE HORIZONTAL OFFSET PIPING ABOVE THE BOTTOM CHORD OF THE ROOF BAR JOISTS WITH ALLOWANCE FOR SLOPE AS REQUIRED.
- RISE/DROP PIPING THROUGH THE PLATFORM FLOOR. FIELD VERIFY THE EXACT LOCATION.
- ROUTE PIPING THROUGH THE TOILET ROOM CEILING PLENUM AT THE REQUIRED SLOPE. CORE DRILL PLATFORM FRAMING AS REQUIRED. INSULATE PIPING PER THE PLUMBING SPECIFICATIONS ON SHEET MP-1.
- PROVIDE TYLER PIPE DOUBLE COMBINATION WITH 2" SIDE HUB OPENING (UPC #067610-002949, SIZE 4) FOR CONNECTION OF BACK-TO-BACK WATER CLOSETS (WC-1).

EXISTING SANITARY LINES SHALL BE HYDRO-JETTED AND VIDEO INSPECTED TO CONFIRM LINES ARE CLEAR AND UNDAMAGED. REPAIR OR REPLACE DAMAGED PIPING AS REQUIRED. PLUMBING CONTRACTOR SHALL SUBMIT A TECHNICAL REPORT WITH VIDEO STILL/IMAGES TO AAP CONSTRUCTION MANAGER PRIOR TO PROJECT TURNOVER.

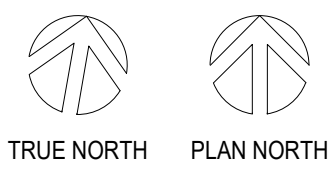


2 ENLARGED WASTE & VENT PIPING PLAN
P1 SCALE: 1/4" = 1'-0"



3 ENLARGED WATER PIPING PLAN
P1 SCALE: 1/4" = 1'-0"

1 PLUMBING FLOOR PLAN
P1 SCALE: 1/8" = 1'-0"



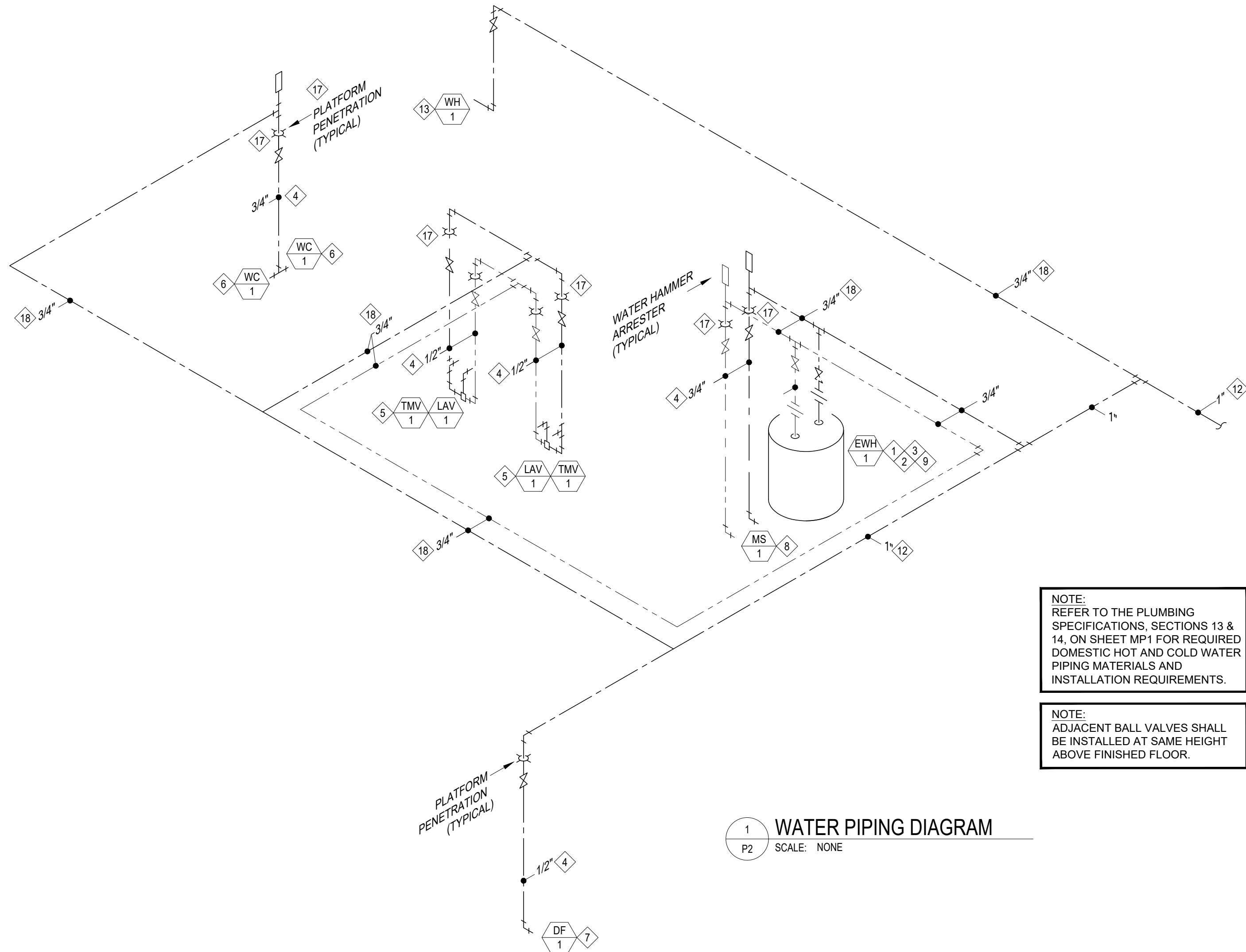
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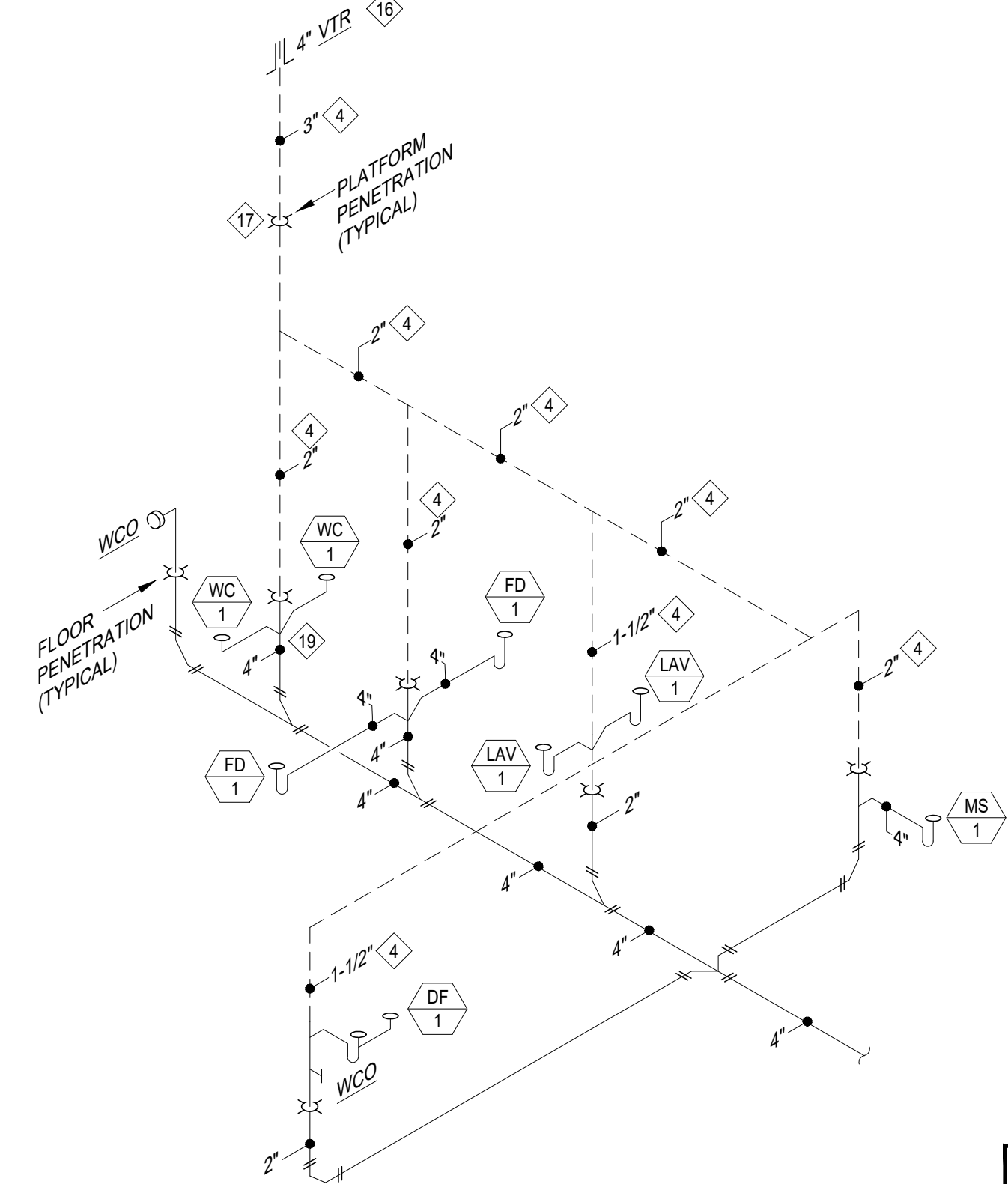
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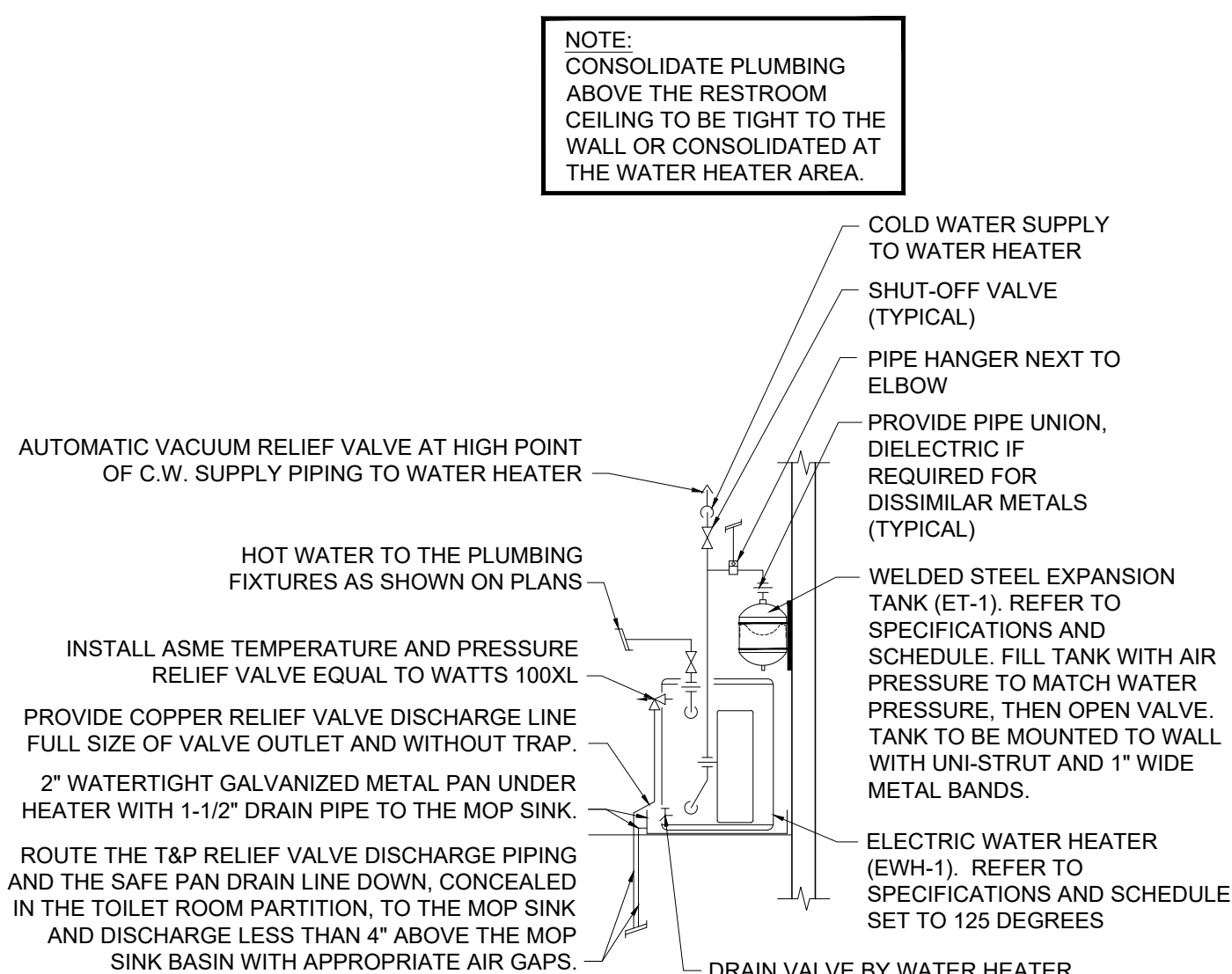
DATE	06-05-26	09:05:50 A.M.
PROJECT #	26-0117748	
DRAWN BY	MM	
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FINAL DRAWINGS - ISSUED FOR CONSTRUCTION		
FINAL DRAWINGS - ISSUED FOR CONSTRUCTION		
Q1-26		
PLUMBING FLOOR PLAN		
P1		



1 WATER PIPING DIAGRAM
SCALE: NONE



2 DRAIN, WASTE & VENT PIPING DIAGRAM
SCALE: NONE



3 WATER HEATER DETAIL
SCALE: NONE

PIPING DIAGRAMS KEY NOTES:

- WATER HEATER (EWH-1) TO BE MOUNTED ON METAL SHELF ABOVE MOP SINK BY GC. SEE ARCHITECTURAL SHEET A-2 FOR MORE INFORMATION.
- PROVIDE A 2" DEEP GALVANIZED WATERPROOF SAFE PAN UNDER THE WATER HEATER WITH A 1-1/2" DRAIN LINE TO THE MOP SINK. TERMINATE THE DRAIN LINE WITH A MIN. 3" AIR GAP. ROUTE TUB SIZE 1/4" P RELIEF LINE WITHOUT TRAP TO DISCHARGE INTO THE MOP SINK. TERMINATE THE T & P RELIEF PIPING WITH THE APPROPRIATE AIR GAP. DRAIN LINE AND T & P RELIEF PIPING SHOULD BE CONCEALED IN THE TOILET ROOM WALL AND DISCHARGED LESS THAN 4" ABOVE THE MOP SINK BASIN.
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- 1/2" CW DOWN IN WALL TO DRINKING FOUNTAIN.
- 3/4" HW, CW DOWN IN WALL TO MOP SINK.
- 3/4" HW, CW DOWN TO WATER HEATER.
- NOT USED: 4" UNDERGROUND DOMESTIC COLD WATER SERVICE. REFER TO CIVIL DRAWINGS BY OTHERS FOR CONTINUATION.
- NOT USED: 1" DOMESTIC COLD WATER RISER. INSTALL ASSEMBLY IN VERTICAL POSITION WHERE ALLOWED TO MINIMIZE FLOOR SPACE. ROUTE TIGHT TO THE WALL TO ABOVE THE BOTTOM CHORD OF THE ROOF BAR JOISTS. PROVIDE A HOUSE VALVE AT 10'-0" A.F.F. TO BE ACCESSIBLE. SHUT OFF ABOVE 6'-0" IN SALES AREA. INSULATE PIPING PER THE PLUMBING SPECIFICATIONS ON SHEET MP-1.
- ROUTE PIPING AS HIGH AS POSSIBLE ABOVE THE BOTTOM CHORD OF THE ROOF BAR JOISTS WITH ALLOWANCE FOR SLOPE AS REQUIRED. INSULATE PIPING PER THE PLUMBING SPECIFICATIONS ON SHEET MP-1.
- MOUNT THE WALL HYDRANT AT 24" ABOVE FIN. GRADE. PROVIDE SILICONE SEALANT ALL AROUND THE WALL HYDRANT BOX TO PROVIDE A WATERTIGHT WALL PENETRATION.
- NOT USED: 4" UNDERGROUND SANITARY SEWER. SLOPE AT 1% MINIMUM. REFER TO CIVIL DRAWINGS BY OTHERS FOR CONTINUATION.
- NOT USED: PROVIDE A TWO-WAY CLEANOUP FLUSH WITH THE FINISHED GRADE. LOCATE WITHIN 5'-0" OF BUILDING EXTERIOR WALL.
- 2" VENT UP TO 3" VTR. PROVIDE OFFSETS AS REQUIRED TO LOCATE THE V.T.R. MINIMUM 18" FROM THE ROOF EDGE AND AS REQUIRED TO COORDINATE WITH THE ROOF FRAMING. ROUTE HORIZONTAL OFFSET PIPING ABOVE THE BOTTOM CHORD OF THE ROOF BAR JOISTS WITH ALLOWANCE FOR SLOPE AS REQUIRED.
- RISE/DROP PIPING THROUGH THE PLATFORM FLOOR. FIELD VERIFY THE EXACT LOCATION.
- ROUTE PIPING THROUGH THE TOILET ROOM CEILING PLENUM AT THE REQUIRED SLOPE. CORE DRILL PLATFORM FRAMING AS REQUIRED. INSULATE PIPING PER THE PLUMBING SPECIFICATIONS ON SHEET MP-1.
- PROVIDE TYLER PIPE DOUBLE COMBINATION WITH 2" SIDE HUB OPENING (UPC #007610-002949, SIZE 4) FOR CONNECTION OF BACK-TO-BACK WATER CLOSETS (WC-1).

WSFU CALCULATION

SYRACUSE, NY							
FIXTURE	DESCRIPTION	HSFU PER FIXTURE	QUAN	TOTAL HSFU	WSFU PER FIXTURE	QUAN	WSFU
WC	WATER CLOSET - FLUSH TANK	-	-	-	2	1	10.00
DF	ELECTRIC WATER FOUNTAIN	-	-	-	0.25	1	0.25
MS	MOP BASIN	2.25	1	2.25	3.00	1	3.00
LAV	LAVATORY	1.50	2	3.00	2.00	2	4.00
TOTALS:				3	5.25		17.3 WSFU
2024 INTERNATIONAL PLUMBING CODE				3/4" HW REQUIRED		10.5 DFU	
						1" CW	

DFU CALCULATION

SYRACUSE, NY							
FIXTURE DESCRIPTION	WASTE	VENT	DFU	QUAN	TOTAL		
WC	WATER CLOSET	4"	2"	4.0	2	8.0	
DF	ELECTRIC WATER COOLER	2"	1-1/2"	0.5	1	0.5	
LAV	LAVATORY	2"	1-1/2"	1.0	2	2.0	
MS	MOP BASIN	3"	2"	2.0	1	2.0	
FD	4" FLOOR DRAIN	4"	2"	6.0	3	18.0	
TOTAL:					30.5 DFU		
2024 INTERNATIONAL PLUMBING CODE				4" REQUIRED			

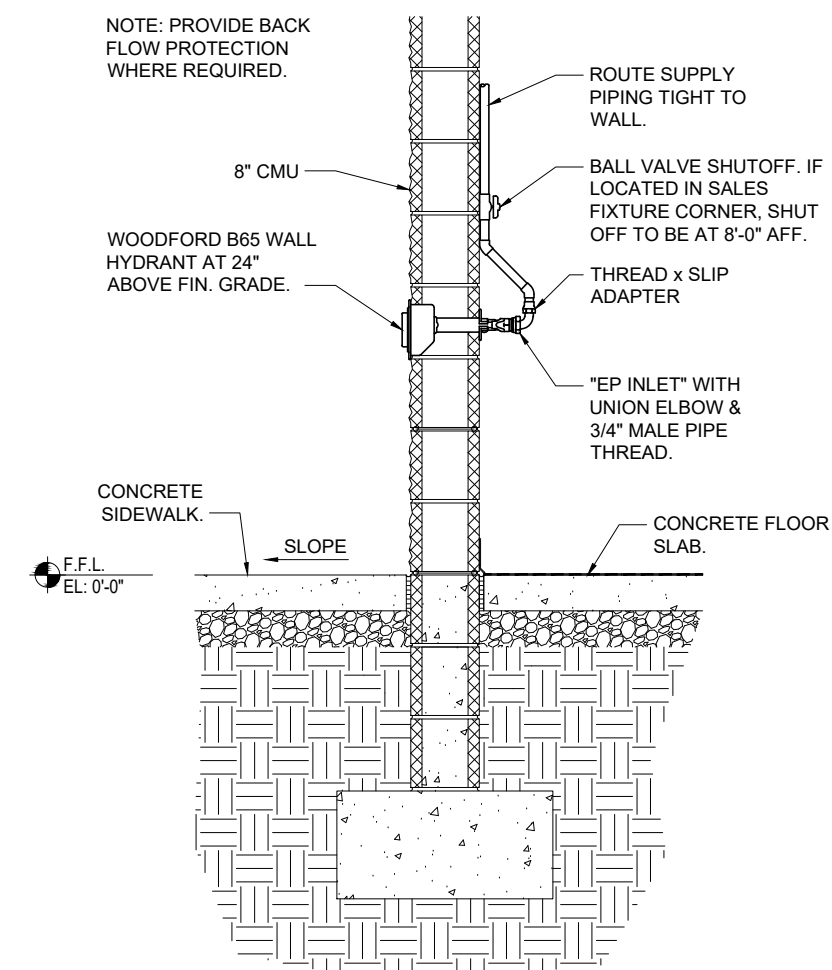
PLUMBING FIXTURE SCHEDULE

MARK		DESCRIPTION
WC	1	AMERICAN STANDARD - MODEL 3017A-101-020 - CADET RIGHT HEIGHT 16-1/2" HEIGHT TOILET WITH WATER SEVER 13.6 GAL. FLUSH, HANDCAPED ELONGATED BOWL, SIFON, JET FLUSH ACTION, SPEED CONNECT TANKBOWL COUPLING SYSTEM, VITREOUS CHINA AND 16-1/2" RIM HEIGHT, MEETS ANSI A112.19.2 AND A111.1 REQUIREMENTS. PROVIDE WITH 418BA-105.020 OR 418BA-105.020 TANK. PROVIDE TANK WITH THE TRIP LEVER ON THE PROPER SIDE TO ALLOW FLUSH ACTION FROM THE OPEN SIDE OF TOILET AREA. TOILET SEAT TO BE MAINLINE MODEL ML105SSSC WHITE OPEN FRONT ELONGATED TOILET SEAT.
LAV	1	AMERICAN STANDARD - MODEL 0365.012 - LUCERNE - 20-1/2" x 18-1/4" WHITE VITREOUS CHINA LAVATORY WITH FRONT OVERFLOW, WALL MANGER AND FAUCET HOLES ON 4" CENTERS. PROVIDE TRUEBRO LAV GUARD UNDERSINK PROTECTIVE PIPE COVERS (OR EQUAL) ON ALL PIPING UNDER LAVATORY. PROVIDE GRID DRAIN WITH OFFSET TAILPIECE TO LOCATE P-TRAP TIGHT TO WALL. FAUCET ASSEMBLY - MAINLINE - MODEL NO. 211-CP - CENTERSET, ONE PIECE BODY WITH POLISHED CHROME FINISH, AERATOR WITH 2.2 GPM FLOW RESTRICTOR, SINGLE LEVER HANDLE AND LIFT-ON/PUSH-OFF ACTION.
MS	1	FIAT - MODEL MSB 2424 - FLOOR MOUNTED MOLDED STONE MOP SINK BASIN. - FAUCET ASSEMBLY - FIAT - MODEL 832-AA - CHROME PLATED WITH VACUUM BREAKER, 3/4" HOSE OUTLET, INTEGRAL STOPS, ADJUSTABLE WALL BRACE, PAL HOOK AND FOUR ARM HANDLES. - ACCESSORIES - FIAT MODEL 832-AA HOSE AND HOSE BRACKET FIAT MODEL E-77-AA VINYL RIM BUMPER GUARD
EEV	1	BRADLEY - MODEL S19-921 - PORTABLE SELF-CONTAINED EMERGENCY EYE WASH STATION, FIFTEEN (15) MINUTE FLUSH TIME AT 0.4 GPM (MIN), SEVEN (7) GALLON TRANSPARENT YELLOW POLYCARBONATE TANK, IMPACT RESISTANT AND CHEMICAL RESISTANT YELLOW POLYPROPYLENE PEDESTAL. PROVIDE WITH MODEL S19-399 ON-SITE WASTE CART, 55 GALLON CAPACITY, CARTER WHEELS W/ LOCK BRAKES, DRAINAGE PIPING, PROVIDE ALL NECESSARY FITTINGS, TUBES, ETC. FOR A COMPLETE ASSEMBLY. G.C. RESPONSIBLE FOR INITIAL SET-UP PER MANUFACTURERS RECOMMENDATIONS AND TO SUPPLY ONE (1) YEAR OF SOLUTION.
DF	1	OASIS - MODEL PGACSL - WALL MOUNTED BI-LEVEL DRINKING FOUNTAIN WITH SELF-CLOSING FRONT AND SIDE PUSHBAR ACTUATORS, FLEXIBLE BUBBLER GUARD, EXTERNAL STREAM HEIGHT ADJUSTMENT, STAINLESS STEEL TOP, LEAD-FREE WATERWAY AND GANE APRON. INSTALL PER MFR'S. RECOMMENDATIONS AND IN ACCORDANCE WITH ALL APPLICABLE ACCESSIBILITY STANDARDS.
EWH	1	BRADFORD WHITE - MODEL LE-16U3-1 - ELECTRIC WATER HEATER WITH 6 GALLON CAPACITY, GLASS-LINED TANK WITH 150 PSI WORKING PRESSURE, 2 KW ZINC PLATED COPPER SHEATH IMMERSION TYPE ELEMENT, FACTORY INSTALLED DRAIN VALVE AND FACTORY INSTALLED ANODE ROD, OPERATING AT 120V, SINGLE PHASE. PROVIDE FIELD INSTALLED WATTS MODEL 1000L TEMPERATURE / PRESSURE RELIEF VALVE PIPED TO DISCHARGE AS NOTED ON THE PLANS AND IN ACCORDANCE WITH ALL APPLICABLE CODES. SET WATER HEATER TEMPERATURE CONTROL AT 125 DEG. F.
ET	1	AMTROL - MODEL THERM-X-TROL ST-5 THERMAL EXPANSION TANK WITH FACTORY PRE-CHARGE, POLY-PROPYLENE LINER, 150 PSI MAX. WORKING PRESSURE, 200 DEG. F. MAX. TEMPERATURE RATING, 2 GAL. TANK VOLUME, 0.0 GAL. MAX. ACCEPTANCE VOLUME AND 3/4" NPTM CONNECTION. INSTALL PER MFRS. RECOM. MENDATIONS. ADJUST PRE-CHARGE TO SYSTEM FILL PRESSURE.
WH	1	WOODFORD - MODEL B65 - FREEZEPROOF ANTI-SIPHON CLOSE-COUPLED WALL HYDRANT WITH CHROME WATER BOX, ANTI-SIPHON VACUUM BREAKER AND LOOSE TEE KEY. INSTALL AT 24" ABOVE FINISHED GRADE. PROVIDE LOOSE TEE KEY TO ADVANCE AUTO PARTS REPRESENTATIVE AT PROJECT CLOSE-OUT.
TW	1	WATTS - MODEL MMV-M1 - HOT WATER TEMPERATURE CONTROL VALVE WITH BRONZE BODY CONSTRUCTION, SOLID MAX HYDRAULIC PRINCIPLE THERMOSTAT THAT CONTROLS BOTH HOT AND COLD WATER, INTEGRAL FILTER WASHERS AND CHECK VALVES, AND ADJUSTMENT GAP WITH LOOKING FEATURE. INSTALL INSIDE THE WALL WITH A 1/2"x1/2" ACCESS COVER. SET TO PROVIDE MAXIMUM 105 DEG. F. HOT WATER TO THE LAVATORY FAUCETS. MIXING VALVE TO BE ASSE 1017 CERTIFIED.
FD	1	WADE - MODEL 1103.TY.G6.1 - CAST IRON FLOOR DRAIN WITH FLANGE, INTEGRAL CLAMPING COLLAR, SEEPAGE OPENINGS, 1/2" PLUGGED PRIMER TAP AND ADJUSTABLE 6" x 6" NICKEL BRONZE STRAINER WITH VANALD PROOF SCREWS.

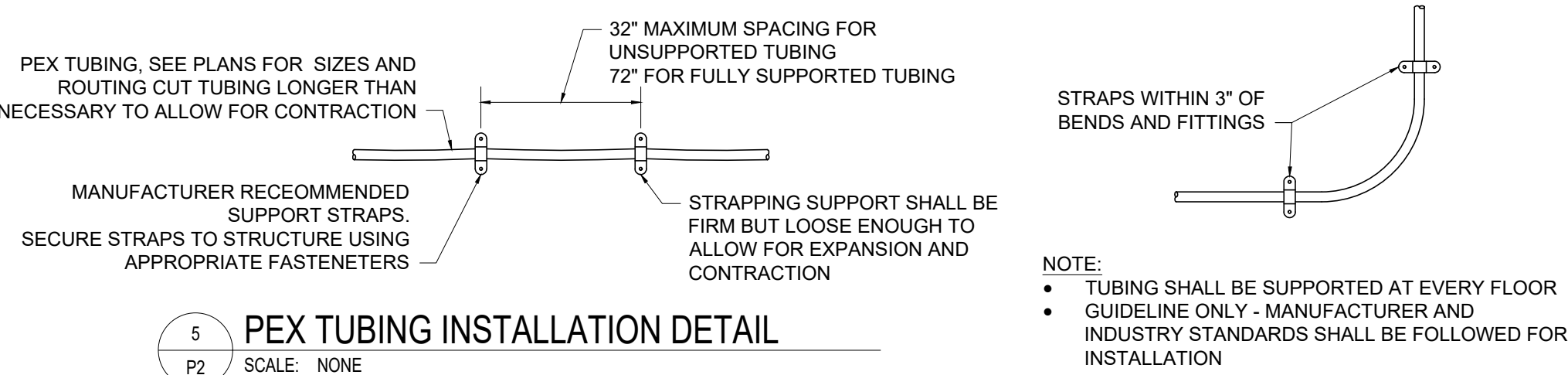
PLUMBING SYMBOLS AND ABBREVIATIONS LEGEND

A.F.F.	ABOVE FINISHED FLOOR	---	COLD WATER PIPING
C.L.	CENTERLINE	---	HOT WATER PIPING
COL.	COLUMN	---	SOIL/SEWER/WASTE PIPING
CONTR.	CONTRACTOR	---	VENT PIPING
C.W.	COLD WATER	---	UNION
DEL.	DELIVERY	---	STRAINER
DF	DRINKING FOUNTAIN	---	
DOM.	DOMESTIC	---	
ET	THERMAL EXPANSION TANK	---	
EW	ELECTRIC WATER COOLER	---	
EWH	ELECTRIC WATER HEATER	---	
FCO	FLOOR CLEANOUT	---	
FD	FLOOR DRAIN	---	
FIN. FL.	FINISHED FLOOR	---	
FLA	FULL LOAD AMPS	---	
HP	HORSE POWER	---	
H.W.	HOT WATER	---	
LAV	LAVATORY	---	
MSB	MOP SINK BASIN	---	
N.I.C.	NOT IN CONTRACT	---	
N.T.S.	NOT TO SCALE	---	
P.D.	PRESSURE DROP	---	
RPZ	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER	---	
SAN.	SANITARY	---	
T&P	TEMPERATURE AND PRESSURE TRAP PRIMER	---	
TYP.	TYPICAL	---	
URNAL	URINAL	---	
V.T.R.	VENT THRU ROOF	---	
WC	WATER CLOSET	---	
WCO	WALL CLEANOUT	---	
WHA	WATER HAMMER ARRESTER	---	

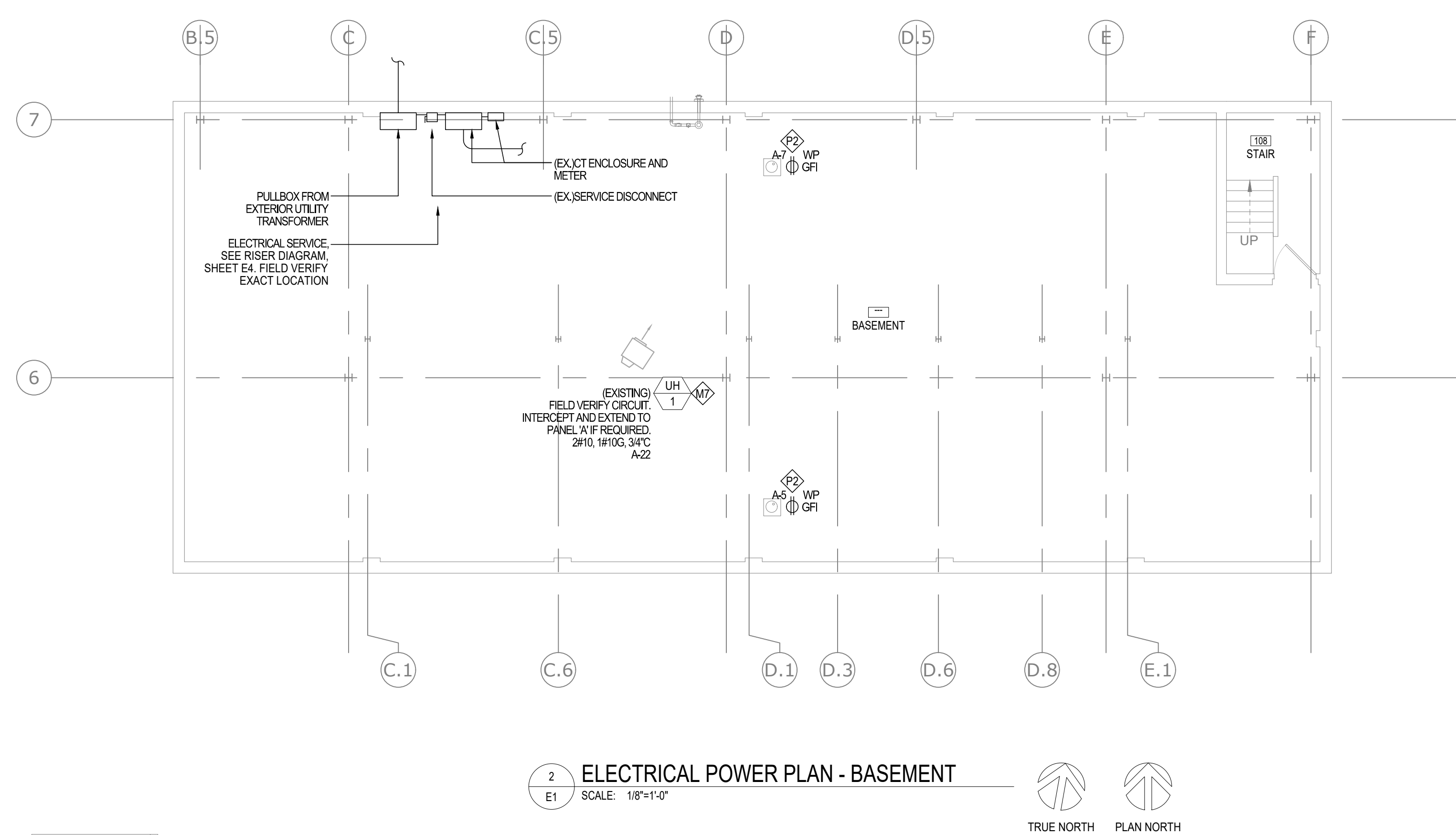
NOTE: THIS LEGEND IS FOR REFERENCE ONLY. NOT ALL SYMBOLS AND ABBREVIATIONS WILL BE USED. NOT ALL SYMBOLS AND ABBREVIATIONS USED ARE INCLUDED IN LEGEND. IF QUESTIONS ARISE DUE TO THE USE OF ANY SYMBOL OR ABBREVIATION THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER IMMEDIATELY FOR DEFINITIONS(S) AND/OR CLARIFICATION(S).



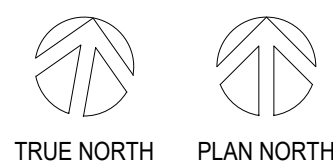
4 WALL HYDRANT INSTALLATION DETAIL
SCALE: NONE



5 PEX TUBING INSTALLATION DETAIL
SCALE: NONE



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



- [illegible]

(ALL SYMBOLS MAY NOT NECESSARILY BE USED ON PROJECT)

SYMBOL	DESCRIPTION
	20 AMP. 125 VOLTS DUPLEX RECEPTACLE MOUNTED 18" A.F.F., U.O.G. WHITE COLOR.
	QUADRALEX RECEPTACLE
	20 AMP. 125 VOLTS DUPLEX RECEPTACLES MOUNTED 18" A.F.F., U.O.G. WHITE COLOR.
	20 AMP. 125 VOLTS DUPLEX RECEPTACLE WITH ISOLATED GROUND MOUNTED 18" A.F.F., U.O.G. ORANGE COLOR.
	QUADRALEX IG RECEPTACLE
	20 AMP. 125 VOLTS DUPLEX RECEPTACLES WITH ISOLATED GROUND MOUNTED 18" A.F.F., U.O.G. ORANGE COLOR.
	SPECIAL PURPOSE RECEPTACLE. REFER TO PLAN FOR SPECIFICATION.
	20 AMP. 277VOLT SINGLE POLE SWITCH MOUNTED 48" A.F.F., U.O.G. WHITE COLOR.
	20 AMP. 277VOLT SINGLE POLE MANUAL MOTOR STARTER DISCONNECT SWITCH MOUNTED 48" A.F.F., U.O.G. WHITE COLOR.
	TIMED OVERRIDE SWITCH MOUNT AT 48" A.F.F. SEE DETAIL 2/E4 FOR SPECIFICATION.
	JUNCTION BOX. SEE PLAN FOR REQUIREMENTS
	ELECTRICAL PANEL BOX. SEE PANEL SCHEDULES FOR REQUIREMENTS
	ELECTRIC MOTOR. MAKE FINAL CONNECTIONS
	ELECTRICAL DISCONNECT SWITCH. SEE PLANS FOR SPECIFICATION
	ELECTRICAL MOTOR STARTER / DISCONNECT SWITCH. SEE PLANS FOR SPECIFICATION

A-32 PANELBOARD AND CIRCUIT DESIGNATION. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT AND CIRCUIT ROUTINGS BACK TO PANELBOARDS. CONTRACTOR MAY GROUP CIRCUITS WHICH EVER MAY BE THE CHEAPEST ROUTING METHOD. NO MORE THAN 3 CIRCUITS PER HOMERUN. NEUTRAL CONDUCTOR MAY ONLY SERVE THREE HOT CONDUCTORS OF DIFFERENT PHASES. CONTRACTOR IS RESPONSIBLE FOR ALL VOLTAGE LOSS AND CABLE DERATING PER N.E.C.

VOICE OUTLET BOX. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A 4 11/16" SQUARE OUTLET BOX WITH SINGLE GANG PLASTER RING. INSTALL A 3/4" EMPTY CONDUIT WITH PULL STRING UP TO 12" ABOVE SUSPENDED CEILING OR JOIST SPACE (IF NO CEILING EXISTS). PROVIDE INSULATED BUSHING ON EACH END OF CONDUIT. # INDICATES CABLE NUMBER.

① RTU THERMOSTAT LOCATION. TEMPORARY THERMOSTATS TO BE PROVIDED & INSTALLED BY M.C. MOUNT AT 5'-7" AFF. EMS VENDOR WILL REPLACE TEMPORARY THERMOSTATS DURING EMS INSTALLATION.

CO2 CO2 SENSOR. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT AND OUTLET BOX AS REQUIRED. COORDINATE ALL REQUIREMENTS W/ HVAC CONTRACTOR.

 FACTORY INSTALLED DUCT SMOKE DETECTOR.

LESSONS LEARNED/ABBREVIATIONS

APP	ADVANCE AUTO PARTS	KW	KILOWATT
AF	ABOVE FINISHED FLOOR	NIC	NOT IN CONTRACT
A	AMPERE	O.C.	ON CENTER
AWG	AMERICAN WIRE GAUGE	PH	PHASE
CB	CIRCUIT BREAKER	PAN	PANEL
ELEC	ELECTRICAL CONTRACTOR	SPECS	SPECIFICATIONS
EQUIP	EQUIPMENT	SW	SWITCH
ETR	EXTERIOR TO REMAIN	TEL	TELEPHONE
FA	FIRE ALARM	Typ	Typical
FOC	FURNISHED BY OWNER, INSTALLED BY ELEC. CONTRACTOR	U.C.	UNDER COUNTER
G.LND	GROUND	U.O.N.	UNLESS OTHERWISE NOTED
GI	GROUND FAULT INTERRUPTER	V	VOLT
GRNC	GRANITE RADIANT HEAT CONDUIT	W	WIRE
HP	HORSEPOWER	WP	WEATHERPROOF
IG	ISOLATED GROUND	YFMR	YUMFORD
J-BOX	JUNCTION BOX	RTU	TRANSFORMER TOP UNITS

GENERAL NOTES

- A. ELECTRICIAN IS TO RETURN TO THE JOB ON A DESIGNATED DAY TO
INSTALL ALL REQUIRED RECEPTACES IN THE COUNTERS AS SHOWN ON
DRAWING. RECEPTACES FOR THE SINK AND STOVE ARE TO BE INSTALLED
BY THE CONTRACTOR.
- B. ALL VOLTAGE CABLES ARE FURNISHED AND INSTALLED BY ADVANCE AUTO PARTS
IN ACCORDANCE WITH THE REQUIRED CONTRACTOR TUTORIAL. THE LOW VOLTAGE PERMIT
FOR THE VENDOR AND VENDOR WILL BESET THE COST OF THE PERMIT.
- C. THE STORE MERCHANDISE PLAN IN THIS SET FOR THE CONTRACTORS REFERENCE ONLY.
ADVANCE AUTO PARTS WILL SUPPLY AND INSTALL ALL STORE FIXTURES.
- D. BEFORE SUBMITTING THE PROPOSAL FOR HIS WORK, THE CONTRACTOR SHALL VISIT THE SITE
AND BECOME AWARE OF THE EXISTING CONDITIONS OF THE SITE. THE CONTRACTOR SHALL
GENERAL CONDITIONS. HE SHALL HAVE FULL KNOWLEDGE AS TO TRANSPORTATION, DISPOSAL,
HANDLING AND STORAGE OF MATERIALS, AVAILABILITY OF WATER, ELECTRIC POWER AND ALL
OTHER CONDITIONS IN THE AREA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION
OF WORK AND THE CONTRACT FOR WHICH HE SUBMITS A PROPOSAL. FAILURE BY THE
CONTRACTOR TO ACCURATELY REPRESENT THE SITE CONDITIONS SHALL BE THE CONTRACTOR'S
HIM OF ANY RESPONSIBILITY FOR PERFORMING HIS WORK PROPERLY. ADDITIONAL
COMPENSATION SHALL NOT BE ALLOWED FOR CONDITIONS INCREASING THE CONTRACTOR'S
COSTS. THE CONTRACTOR SHALL NOT INQUIRE OF THE OWNER TO REVEAL THE CONTRACTOR'S
PROPOSAL. IF THE CONDITION WAS OBVIOUS AND COULD HAVE BEEN DISCOVERED BY HIM IF HE
HAD VISITED THE SITE AND PROJECT AND THE CONTRACTOR WAS INFORMED AHEAD OF ALL EXISTING
CONDITIONS WHICH WOULD AFFECT HIS WORK.
- E. NO JUNCTION BOXES OR CONDUIT SHALL BE MOUNTED BELOW 12" A.F.F.

GENERAL NOTES

NOTE TO CONTRACTOR:
THERE IS ONLY 8'-0" OF WALL SPACE ALLOTTED FOR ELECTRICAL EQUIPMENT INCLUDING EMS PANEL.
THIS 8'-0" OF WALL SPACE SHALL NOT BE EXCEEDED AND THE PANELS SHALL BE INSTALLED IN
LOCATIONS AS SHOWN.

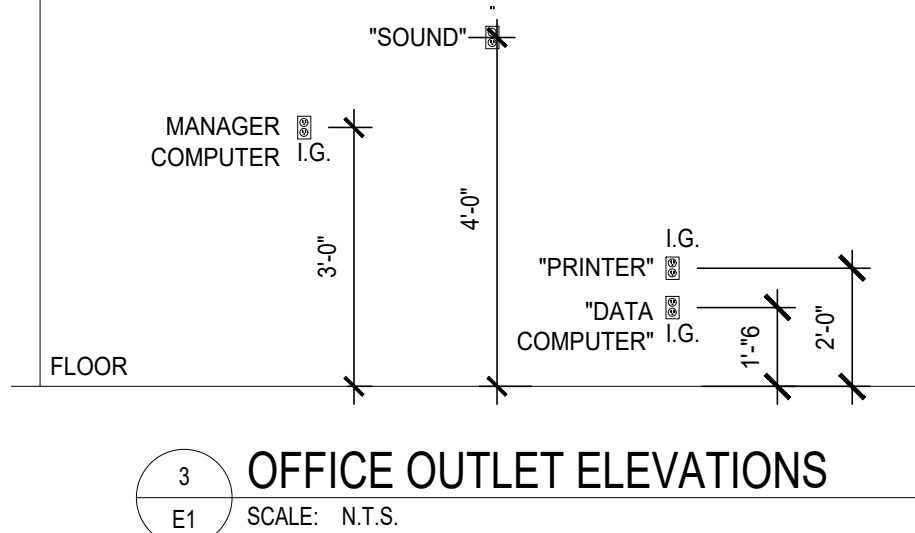
GENERAL NOTES:

1. PROVIDE NEW RECEPTACLES AND COVERS. COLOR SHALL BE WHITE.
2. ELECTRICAL CONTRACTOR SHALL PLACE CONDUIT DROPS AFTER COUNTERS ARE SET.

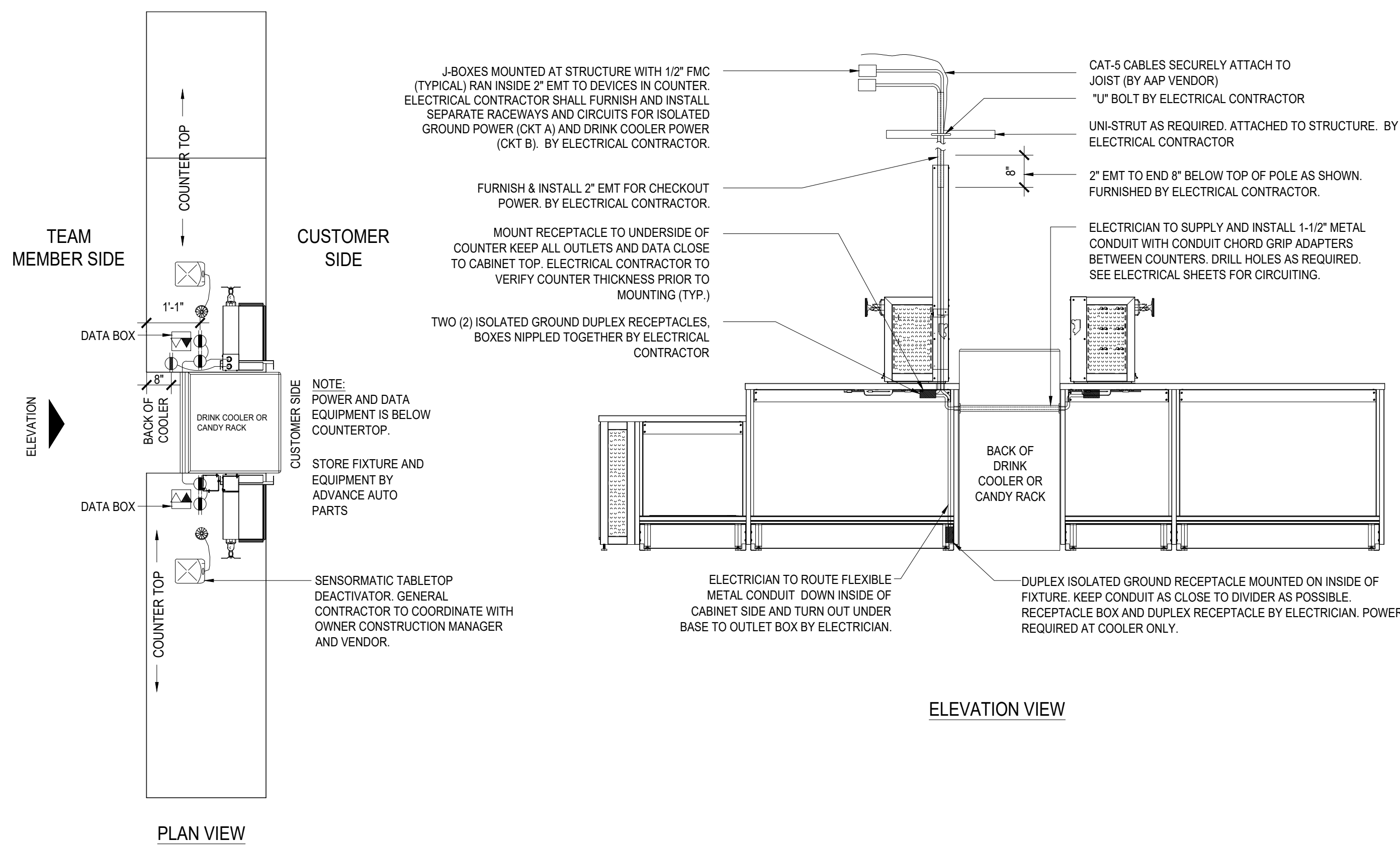
NOTE:
ELECTRICAL CONTRACTOR TO PLAN FOR AND INSTALL APPROXIMATELY 5 CONDUIT DROPS AND J-BOXES FOR THE INSTALLATION OF EMS, ADT CCTV, SECURITY/ALARM DEVICES. CONDUIT INSTALLATION TO BE COORDINATED WITH LOW VOLTAGE TECH'S WHILE ON SITE. CONDUITS AND RINGS TO BE PAINTED.

OUTLET COLOR DESIGNATION NOTE:
ALL IG OUTLETS TO BE ORANGE. ALL OUTLETS IN KICKPLATES TO BE BLACK. ALL OTHER OUTLETS ARE TO BE WHITE

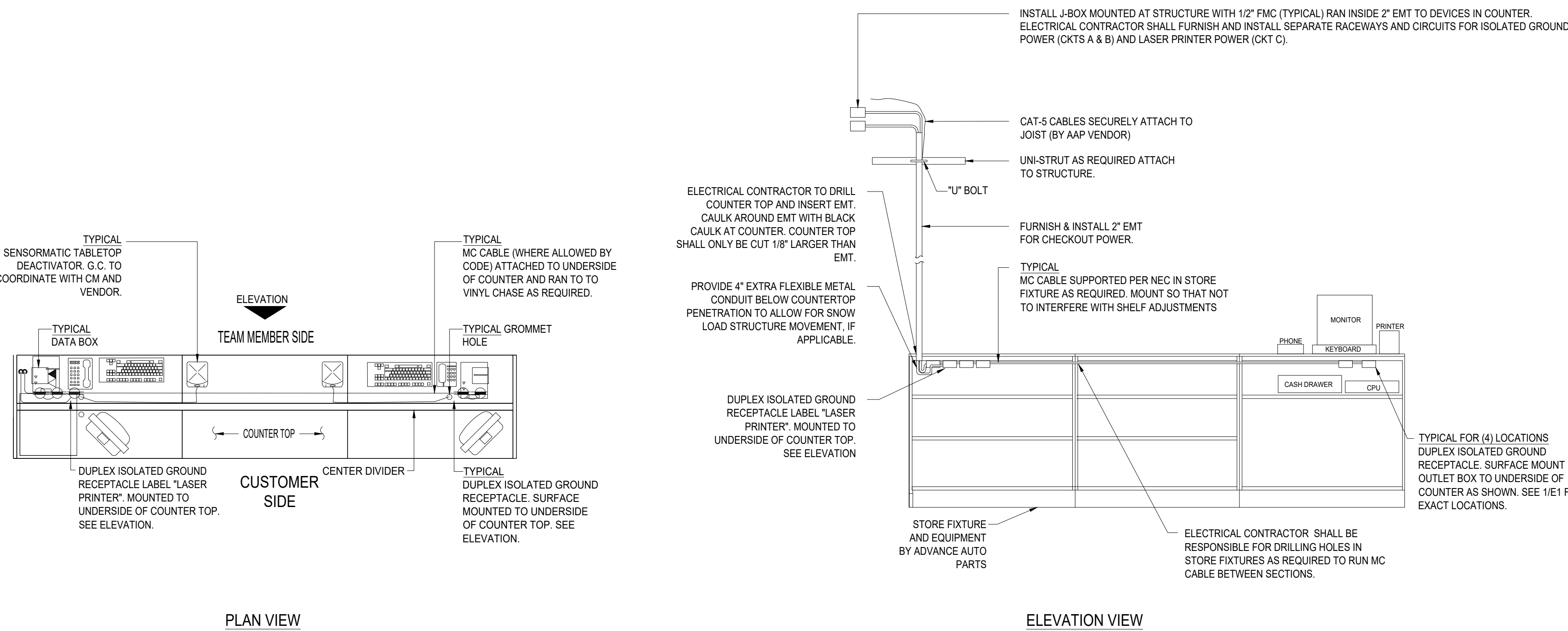
REMOTE TEST STATION NOTE:
REMOTE TEST STATION SHALL BE MOUNTED AT 7'-0" A.F.F. AT COLUMN NEAREST TO RTU'S OR AT AAP TELEPHONE BOARD. COORDINATE WITH AHJ PRIOR TO ROUGH-IN.



SCALE: N.T.S.



1 CHECKOUT COUNTER #1 - PLAN AND ELEVATION
SCALE: 1/2\"/>

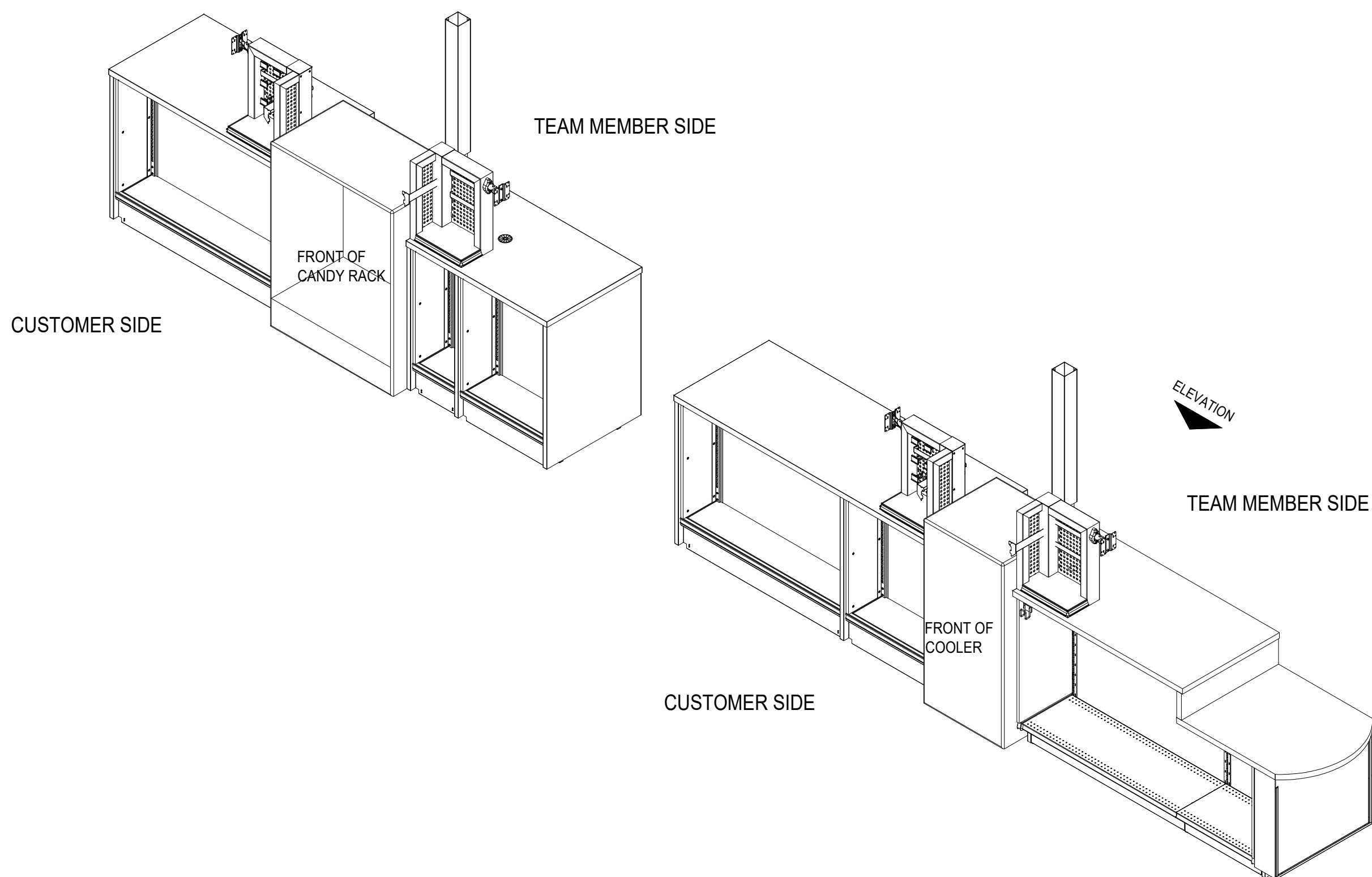


2 PROFESSIONAL SALES COUNTER - PLAN AND ELEVATION
SCALE: 1/2\"/>

NOTE:
THESE DETAILS ARE TYPICAL DETAILS FOR POWER
REQUIREMENTS AT ALL COUNTERS. ORIENTATION OF
COUNTERS MAY VARY. COUNTERS ARE SUPPLIED AND
INSTALLED BY AAP.

NOTE:
KEEP ALL OUTLETS AND DATA WITH IN 10\"/>

NOTE:
SEE SHEET E1 AND A3 FOR LOCATION OF POWER POLES
AND ORIENTATION OF COUNTERS.



3 ISOMETRIC AT ALL COUNTERS
SCALE: 1/2\"/>

ELECTRICAL SPECIFICATIONS

GENERAL:

- CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS AND PAY ALL FEES REQUIRED FOR THE EXECUTION OF HIS WORK. CONTRACTOR SHALL PROVIDE APPLICABLE CERTIFICATES TO OWNER.
- THE WORK SHALL INCLUDE FURNISHING ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES TO CONSTRUCT AND INSTALL THE EQUIPMENT AND SYSTEMS. NECESSARY TO COMPLETE THE WORK INDICATED ON DRAWING.
- IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE A WORKING INSTALLATION IN EVERY DETAIL AND ALL ITEMS REQUIRED FOR SUCH AN INSTALLATION SHALL BE FURNISHED WHETHER OR NOT SPECIFICALLY SHOWN OR MENTIONED.
- THE INSTALLATION SHALL COMPLY WITH THE APPLICABLE ORDINANCES OF THE LOCAL AUTHORITIES, ALL STATE REQUIREMENTS, THE REGULATIONS OF THE NATIONAL BOARD OF FIRE UNDERWRITERS AND THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE. ANYTHING IN THESE SPECIFICATIONS OR DRAWINGS TO THE CONTRARY NOTWITHSTANDING.
- ELECTRICAL EQUIPMENT EXPOSED TO WEATHER SHALL BE WEATHERPROOF.
- IF FINAL CONSTRUCTION DIFFERS IN ANY WAY FROM ORIGINAL DRAWINGS, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING THE OWNER WITH ONE SET OF "AS BUILT" DOCUMENTS WITH CHANGES MARKED IN RED.
- WHERE REQUIRED FOR APPLICABLE SEISMIC ZONES, PROVIDE SEISMIC RESTRAINTS FOR ALL ELECTRICAL EQUIPMENT, LIGHT FIXTURES, AND ALL CONDUIT 2 1/2\"/>
- THE CONTRACTOR SHALL COORDINATE ALL ELECTRIC AND TELEPHONE SERVICE REQUIREMENTS WITH LOCAL UTILITY COMPANIES AND PERFORM ALL WORK IN ACCORDANCE WITH UTILITY STANDARDS.
- ALL EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
- ELECTRICAL CONTRACTOR TO COORDINATE THE EXACT MCM/MCOP AND VOLTAGE REQUIREMENTS OF ALL EQUIPMENT WITH ALL OTHER TRADES PRIOR TO PURCHASING, ORDERING, OR INSTALLING ANY ELECTRICAL GEAR. THIS SHALL INCLUDE BUT NOT LIMITED TO ALL HVAC, PLUMBING, OWNER PROVIDED EQUIPMENT, ETC.
- IT IS THE RESPONSIBILITY OF ALL CONTRACTORS AND TRADES TO COORDINATE THE INSTALLATION OF THEIR WORK WITH THE INSTALLATION OF WORK BY ALL OTHER CONTRACTORS AND TRADES. THE REQUIREMENTS OF THESE DRAWINGS, GENERAL REQUIREMENTS AND ALL ITEMS OF THE CONTRACT DOCUMENTS ARE EQUALLY BINDING ON ALL CONTRACTORS AND TRADES. EACH CONTRACTOR IS REQUIRED TO MAINTAIN A FULL SET OF THE CONTRACT DOCUMENTS FOR HIS EMPLOYEES' USE, ON THE PROJECT, TO ASSURE THAT ALL WORK IS PROPERLY COORDINATED AND INSTALLED WITH THE WORK OF OTHER CONTRACTORS AND TRADES.

WIRE:

- ALL WIRE SHALL BE THWN FOR ALL EXTERIOR OR POSSIBLE WET LOCATIONS.
- ALL WIRE SHALL BE THWN OR THHN FOR ALL INTERIOR OR DRY LOCATIONS.
- ALL BUILDING WIRE SHALL BE 600 VOLTS COPPER.
- THE MINIMUM WIRE SIZE FOR POWER AND LIGHTING SHALL BE #12 AWG. FOR CONTROLS #14 AWG.
- THE USE OF ROMEX SHALL NOT BE PERMITTED.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CONDUIT AND WIRE ROUTING. ALL LENGTHS EXCEEDING 75' SHALL HAVE VOLT LOSS CALCULATED AND WIRE SIZES ADJUSTED AS REQUIRED BY CODE.

DEVICES:

- ALL WIRING DEVICES COVER PLATES, ETC. SHALL BE AS SPECIFIED ON POWER LEGEND.
- POWER EQUIPMENT SHALL BE NEW AND BEAR A U.L. LABEL.
- WIRING DEVICES SHALL BE 20 AMP FEDERAL SPECIFICATION GRADE WITH NYLON OR STAINLESS STEEL COVER PLATES. COORDINATE COLORS WITH OWNER.

RACEWAYS:

- ALL UNDERSLAB OR BELOW GRADE RACEWAYS SHALL BE SCHEDULE 40 PVC CONDUITS WITH RIGID GALVANIZED STEEL "TIE" RISERS TO ABOVE GRADE OR SLAB.
- ALL CONDUITS INSIDE BUILDING SHALL BE 3/4\"/>
- THE USE OF MC IS PERMITTED ONLY IF ALLOWED BY LOCAL AUTHORITY. MC CABLE IS ALLOWED ONLY WHERE CONCEALED IN INDOOR LOCATIONS OR WHERE UNOBTRUSIVELY ATTACHED TO STRUCTURAL MEMBERS.
- FLEXIBLE METAL CONDUIT MAY BE USED FOR FINAL CONNECTION TO LIGHT FIXTURES AND MOTORS IF MAXIMUM LENGTH ALLOWED.
- RIGID OR INTERMEDIATE GALVANIZED STEEL CONDUIT SHALL BE USED FOR ALL EXTERIOR APPLICATIONS ABOVE GRADE.
- SEAL-TITE SHALL BE USED FOR ALL EXTERIOR CONNECTIONS.
- ALL RACEWAYS SHALL BE SUPPORTED TO ROOF STRUCTURAL MEMBERS PER N.E.C. NO RACEWAYS SHALL BE ATTACHED DIRECTLY TO ROOF DECK.
- ALL RACEWAYS SHALL BE RUN PARALLEL OR PERPENDICULAR TO BUILDING WALLS OR FLOORS.
- PROVIDE PLASTIC BUSHINGS AT OPEN ENDS OF ALL CONDUITS WITH LOW VOLTAGE WIRING.
- SEAL ALL PENETRATIONS THROUGH WALLS OR FLOORS WITH APPROPRIATE CALK OR GROUT. SEAL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS, OR CEILINGS WITH UL LISTED FIRE STOP COMPOUND.
- ALL CONDUIT (INCLUDING LOW VOLTAGE) ON INTERIOR WALLS ARE TO BE PAINTED TO MATCH WALL SERVICE.

LUMINAIRES:

- ALL LIGHT FIXTURES SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR. REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFICATIONS.
- ALL LIGHT FIXTURES SHALL BE PURCHASED THROUGH ADVANCE AUTO PARTS ELECTRICAL NATIONAL ACCOUNT VENDOR. REFER TO SHEET T1 FOR VENDOR CONTACT AND ORDERING INFORMATION.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO SUPPORT LIGHT FIXTURES WITH UNISTRUT THAT IS INSTALLED TO ALLOW FOR ADJUSTMENT OF LIGHT FIXTURES AFTER FIXTURES ARE INSTALLED. LIGHT FIXTURES SHALL BE INSTALLED DOWN CENTER OF AISLES.
- REPLACE DEFECTIVE LAMPS AND BALLASTS PRIOR TO PROJECT COMPLETION.

DISTRIBUTION EQUIPMENT:

- ANY NEW PANELBOARDS & CONTACTORS SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. PANELBOARDS AND CONTACTORS SHALL BE MANUFACTURED BY GENERAL ELECTRIC, SIEMENS, CUTLER HAMMER OR SQUARE D (NO SUBSTITUTIONS).
- ALL PANELBOARDS SHALL HAVE COPPER BUS WITH 100 % RATED NEUTRAL BUS BARS.
- ALL BREAKERS SHALL BE BOLT-ON TYPE, FURNISHED BY ELECTRICAL CONTRACTOR.
- ALL BREAKERS SHALL BE RATED TO WITHSTAND INCOMING AVAILABLE FAULT CURRENT FROM UTILITY COMPANY TRANSFORMER.
- SERIES RATING MAY BE ALLOWED IF ACCEPTABLE BY LOCAL CODES. ALL SERIES RATED APPLICATIONS MUST MEET ALL N.E.C. REQUIREMENTS.
- PROVIDE NAMEPLATES FOR ALL ELECTRICAL EQUIPMENT AND TYPED DIRECTORY CARDS FOR PANELBOARDS.
- UNLESS NOTED OTHERWISE, ALL SERVICE EQUIPMENT FUSES SHALL BE BUSSMANN LPJ AND ALL OTHER FUSES SHALL BE BUSSMANN "LOW PEAK" OF APPROPRIATE VOLTAGE RATING.

REVISIONS	DESCRIPTION	DATE	REV

DATE: 06-05-26
DRAWN BY: NTB
CHECKED BY: TWD

PROJECT: 26-0777765

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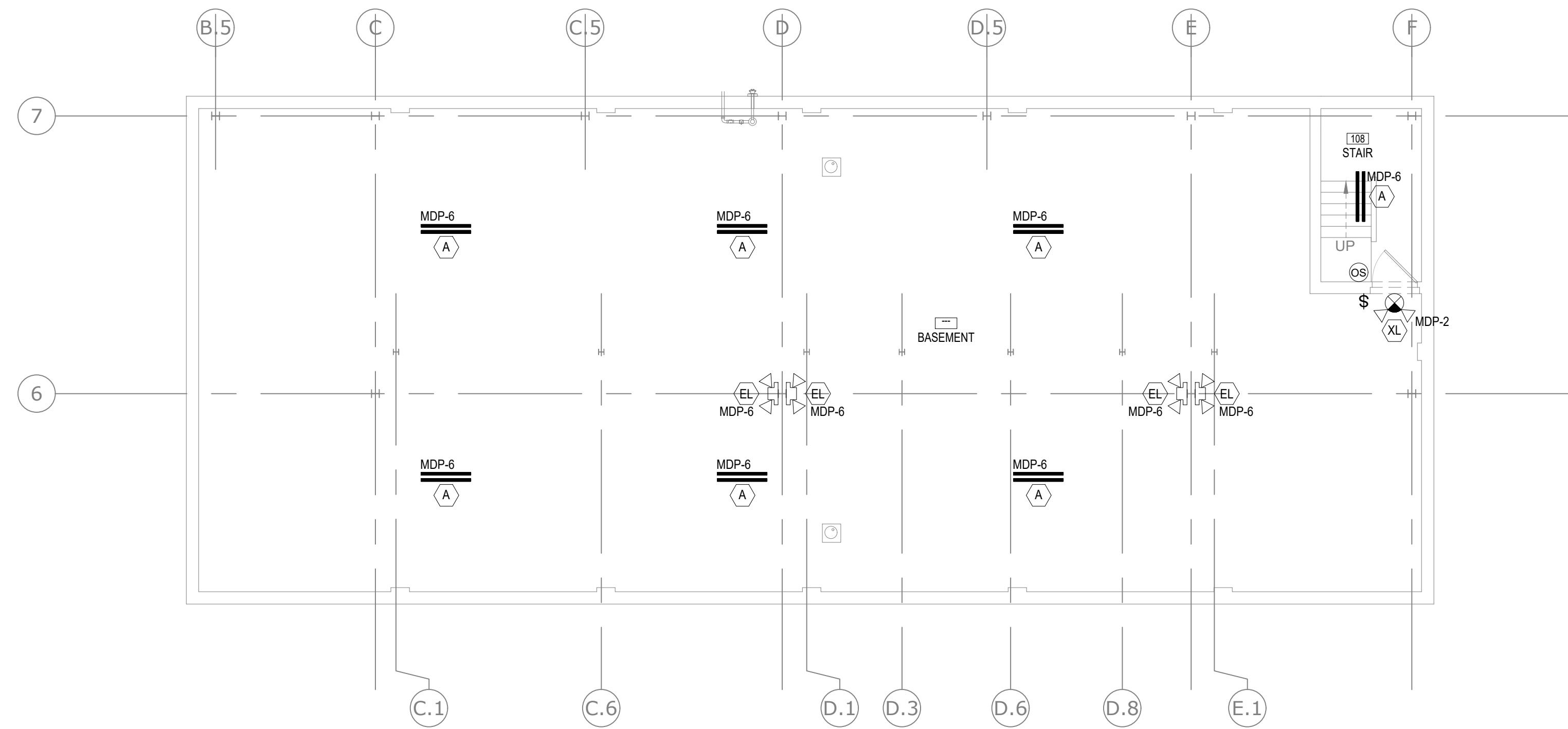
FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

FINAL DRAWINGS - ISSUED FOR CONSTRUCTION

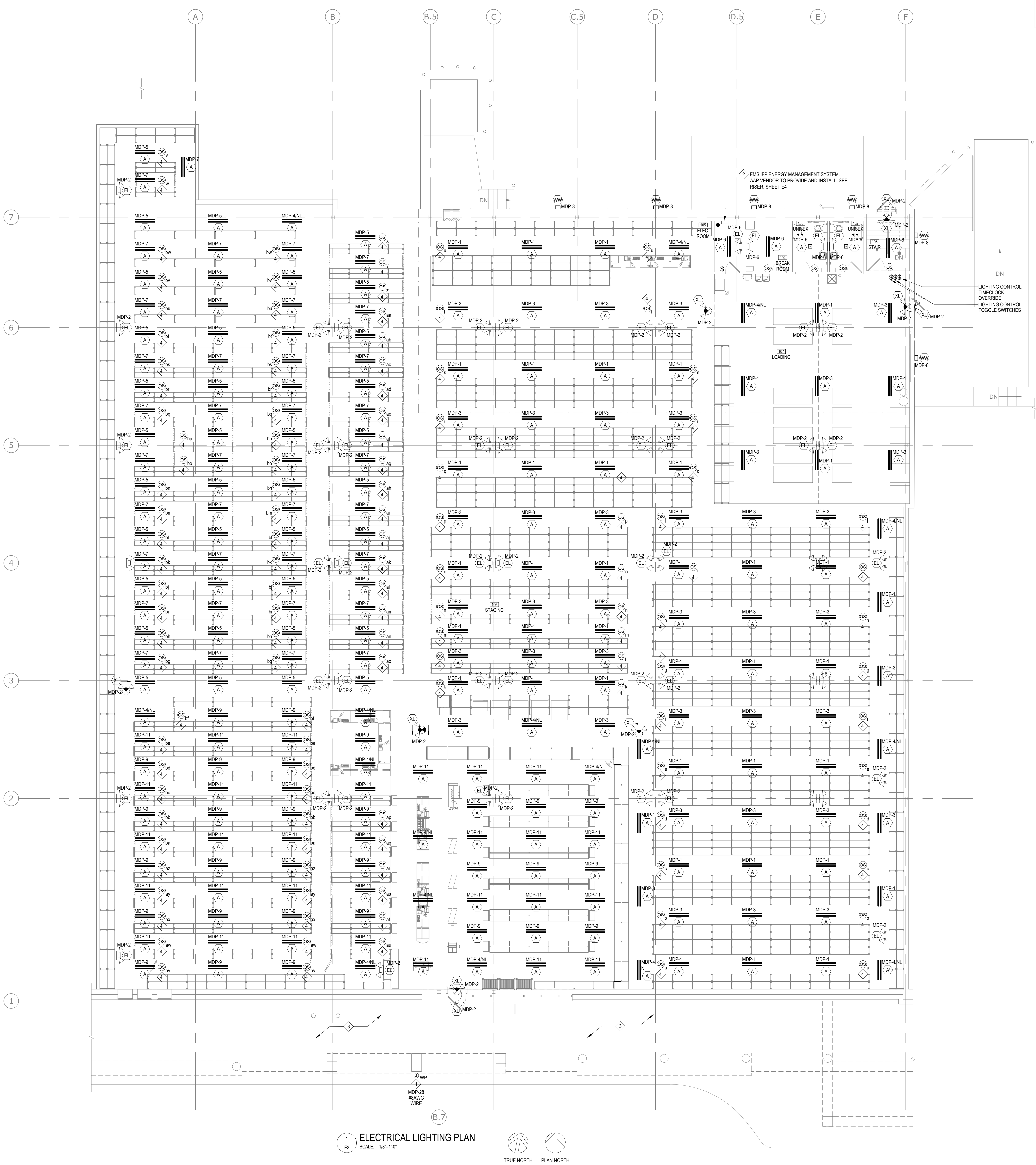
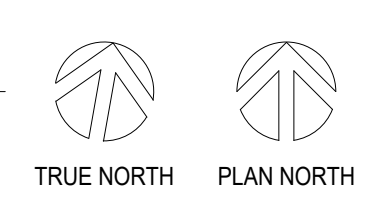
Q1-26

ENLARGED COUNTER DETAILS & NOTES

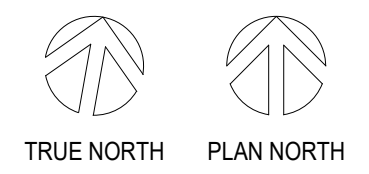
E2



2 ELECTRICAL LIGHTING PLAN - BASEMENT
3 SCALE: 1/8"=1'-0"



1 ELECTRICAL LIGHTING PLAN
3 SCALE: 1/8"=1'-0"



LIGHTING PLAN KEYED NOTES

- 1. PRIOR TO INSTALLATION OF SIGNAGE, ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ONE (1) 20 AMP CIRCUIT TO JUNCTION BOX FOR BUILDING SIGN. J-BOX SHALL BE MOUNTED DIRECTLY BEHIND "E" IN "ADVANCE", CLEARLY MARK J-BOX FOR SIGN COMPANY. SIGN COMPANY TO MAKE ALL FINAL CONNECTIONS TO SIGNS. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF ALL SIGNS. SIGNS SHALL BE FURNISHED WITH DISCONNECT SWITCH. ELECTRICAL CONTRACTOR SHALL ROUTE CIRCUIT TO PANEL, FINAL CONNECTION TO TIME CLOCK IN ELECTRICAL CONTROL.
- 2. E.G. TO PROVIDE (1) 20A, 120V CIRCUIT & CONDUIT TO PANEL, CLEARLY IDENTIFIED. AAP VENDOR TO MAKE FINAL CONNECTION THRU EMS PREFAB PANEL.
- 3. EXISTING EXTERIOR LIGHT FIXTURE TO BE CLEANED AND RELAMPED. REFER TO PLAN AS ELEVATIONS FOR LOCATIONS. VERIFY OR INTERCEPT AND EXTEND EXISTING CIRCUITS BACK TO AAP ELECTRICAL PANELS AND CIRCUIT.
- 4. PROVIDE EACH AISLE WITH INDEPENDENT LIGHTING CONTROL, TO REDUCE AISLE LIGHTING BY AT LEAST 30% WITHIN 20 MINUTES OF VACANCY. TYPICAL THROUGHOUT WAREHOUSE AREA. HUBBELL 18500000, USE 1/2" TYPE FOR AISLE AND HIGH BAY CONTROL. LIGHTING IN AISLE ONLY DO NOT EXTEND CONTROL PAST END OF SHELVING. PROVIDE ALL NECESSARY MATERIALS.

NOTE
SET ARCHITECTURAL REFLECTED CEILING PLAN FOR LIGHTING LOCATION DIMENSIONS

ELECTRICAL CEILING LEGEND

(ALL SYMBOLS MAY NOT NECESSARILY BE USED ON PROJECT)

SYMBOL	DESCRIPTION
—	4in X 4in LINEAR LED LUMINAIRE
□	1X1 SOFFIT LUMINAIRE
⬆	EXIT SIGN WITH BATTERY BACK UP
⬆	EXIT SIGN WITH LED EGRESS LIGHTS
⬆	INTERIOR EMERGENCY LUMINAIRE
⬆	EXTERIOR DECORATIVE WALL LIGHT
⬆	EXTERIOR WALL PANE
⬆	OCCUPANCY SENSOR WITH DUAL TECHNOLOGY (ULTRASONIC AND INFRARED) AND OFF SWITCH. WALL MOUNT AT 48" AFF. RESTROOMS, HUBBELL PLHMTS1
⬆	LIGHTING LUMINAIRE SYMBOL TYPE. REFER TO LUMINAIRE SCHEDULE
A-XX	INDICATES PANEL DESCRIPTION & CIRCUIT NUMBERS
⬆	20 AMP, 125 VOLT DUPLEX RECEPTACLE FLUSH MOUNTED IN SUSPENDED CEILING TILE. U.N.O. WHITE COLOR.

- LIGHTING GENERAL NOTES:
1. PROVIDE NEW SWITCHES AND SWITCH COVERS. COLOR SHALL BE WHITE.
 2. EMERGENCY BATTERY UNITS AND EXIT SIGNS SHALL BE CONNECTED TO THE NORMAL LIGHTING CIRCUIT AHEAD OF ANY SWITCH.
 3. ELECTRICAL CONTRACTOR SHALL PLACE OIL-BATTERY LIGHTING AFTER RACK IS SET.
 4. ELECTRICAL CONTRACTOR SHALL ADD 5'-0" WHIPS ON ALL MERCHANDISE AREA LIGHT FIXTURES. WHIPS SHOULD BE IN A VERTICAL, COIL, TIED OFF TO THE PANEL POINTS OF THE JOISTS. THE COIL SHOULD BE UNIFORM AND IN THE SAME LOCATION RELATIVE TO THE OTHER LIGHT FIXTURES IN THAT ROW.
 5. SUSPENDING LIGHT FIXTURE HEIGHTS ABOVE FINISH FLOOR MAY VARY AND WILL BE BASED ON EXISTING OVERHEAD CLEARANCES. VERIFY ALL HEIGHT VARIATIONS WITH AAP ARCHITECT PRIOR TO INSTALLING FIXTURES. LIGHT FIXTURE PREFERRED HEIGHT IS 14'-0" AFF. MOUNT AS HIGH AS POSSIBLE ELSEWHERE NOT TO EXCEED 14'-0" A.F.F.
 6. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL CONDUITS & CIRCUITING OF LIGHTING BACK TO PANELS. FINAL HOOK TO TIME CLOCK / EMS PANEL BY ELECTRICAL CONTRACTOR.
 7. LIGHTING SHALL BE INSTALLED DOWN CENTER OF AISLES.
 8. WHERE EXTERIOR BUILDING MOUNTED LIGHTING OCCURS, RUN THE CONDUIT AT THE JOIST SPACE HEIGHT AND FEED DOWN TO EACH LIGHT JUNCTION BOX.
 9. MOUNT EMERGENCY LIGHTING TO BOTTOM OF JOIST.
 10. CONTRACTOR IS TO CAREFULLY REMOVE EXISTING LIGHTS IN ADVANCE AUTO PARTS SPACE AND TURN OVER TO LANDLORD'S CONTRACTOR.
 11. ALL WIRING INDICATED ON THIS PLAN TO BE MINIMUM #10AWG.
 12. LIGHTING SYSTEMS SHALL BE TESTED TO ENSURE PROPER CALIBRATION, ADJUSTMENT, PROGRAMMING AND OPERATION. TEST MUST BE DEMONSTRATED IN PRESENCE OF AAP AND BUILDING OWNER.

LUMINAIRE SCHEDULE

(ALL LUMINAIRES MAY NOT NECESSARILY BE USED ON PROJECT)

TYPE	QTY.	MANUFACTURER	MODEL NUMBER	NO.	LAMPS PER FIXTURE			COLOR	MOUNTING	REMARKS
					OSRAM SYLVANIA TYPE	WATTS	VOLTAGE			
(A)		US LED	ST1-4-UNV-4-27A-35-GL-DE-TWS1	2	LED		27.9	120	WHITE	NOTES 1,2,3,10
(EL)		LITHONIA	ELMEL-UVOLT-LTP-SORT	2	(2) 5.3 WATT LED INCLUDED		10.8	9.6-12.8V	WHITE	CONNECT DC WIRING TO EU FIXTURE, NOTE 6
(EU)		LITHONIA	ELMRESPI100LT	2	(2) 5.3 WATT LED INCLUDED		10.8	120V	WHITE	CONNECT REMOTE FIXTURES TO EL FIXTURE, NOTE 6
(R)		US LED	GTR2-11EH-35-80-UNV2-S	1	LED		27.5	120/277	WHITE	NOTES 1,2,3
(WW)		LITHONIA	DSXW1 LED 10C 350 50K T3M MVOLT DSSXD	10	LED		13.21	120	SANDSTONE	REFER TO ARCH. ELEV. FOR MOUNTING HTS
(WW)		LITHONIA	DSXW1 LED 10C 350 50K T3M 120 PE DSSXD	10	LED		13.21	120	SANDSTONE	REFER TO ARCH. ELEV. FOR MOUNTING HTS
(WW)		LITHONIA	DSXW1 LED 20C 700 50K T3M MVOLT DSSXD	20	LED		47	120	SANDSTONE	REFER TO ARCH. ELEV. FOR MOUNTING HTS
(XL)		LITHONIA	LHQM5WRGMVOLT10	-	LED - INCLUDED		3	120/277	WHITE W/ RED LETTERS	NOTES 1,2,7
(XU)		LITHONIA	ELMRW LP220L DWHXD (WHIR)	-	5.4W LAMPS INCLUDED		12	120/277	REFER TO ARCH. ELEV. FOR MOUNTING HTS	CONNECT REMOTE FIXTURES TO "XL" NOTE 7
(ET)		LITHONIA	ELMDL	2	(2) 5.4 WATT KRYPTON INCLUDED		20	6V	WHITE	REFER TO ARCH. ELEV. FOR MOUNTING HTS
(S)		US LED	LINEARSTAR	-	LED		18.5	120V	GRAY	NOTES 1,2,8

- LIGHT FIXTURE SCHEDULE NOTES:
1. ELEC. SHALL FURNISH AND INSTALL ALL LUMINAIRES AND LAMPS AS SPECIFIED. LUMINAIRES AND LAMPS SHALL BE ORDERED THROUGH ADVANCE AUTO PARTS NATIONAL ACCOUNT. REFER TO RESPONSIBILITY MATRIX SHEET T1 FOR ORDERING INFORMATION.
 2. ELEC. SHALL BE RESPONSIBLE TO SUPPORT LIGHT FIXTURES WITH UNISTRUT THAT IS INSTALLED TO ALLOW FOR ADJUSTMENT OF LIGHT FIXTURES AFTER FIXTURES ARE INSTALLED. LIGHT FIXTURES SHALL BE INSTALLED AS DIRECTED. E.G. IS TO MAKE MINOR ADJUSTMENTS TO CENTER LIGHTING ON AISLES AFTER THE MERCHANDISE FIXTURES ARE SET.
 3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LUMINAIRES.
 4. IN "STAGING" DIRECT MOUNT FIXTURE BELOW STRUCTURE. KEEP AS HIGH AS POSSIBLE.
 5. J-BOXES SHALL BE MOUNTED ON INTERIOR OF CMU ABOVE CEILING. CONDUIT SHALL BE CONCEALED IN CMU TO FIXTURE ON EXTERIOR.
 6. MAXIMUM OF TWO (2) TYPE "EL" (4 INDIVIDUAL REMOTE HEADS) MAY BE CONNECTED TO A SINGLE TYPE "EL" UNIT.
 7. MAXIMUM OF TWO (2) TYPE "XU" (4 INDIVIDUAL REMOTE HEADS) MAY BE CONNECTED TO A SINGLE TYPE "XL" UNIT.
 8. FOR USE WHEN RESTROOM EMERGENCY LIGHTS ARE REQUIRED BY LOCAL CODE.
 9. NOT USED.
 10. PROVIDE 5 WHIPS ON FIXTURES "X" LIGHT FIXTURES TO ALLOW ELECTRICIAN TO ADJUST FINAL LOCATION AFTER STORE FIXTURES ARE SET. (SEE LIGHT FIXTURE SCHEDULE NOTE 2 ABOVE AND DETAIL 2 ON THIS SHEET) WHIPS SHOULD BE IN A VERTICAL, COIL, TIED OFF TO THE PANEL POINTS OF THE JOISTS. THE COIL SHOULD BE UNIFORM AND IN THE SAME LOCATION RELATIVE TO THE OTHER LIGHT FIXTURES IN THAT ROW.

MAIN LUG ONLY:		600 AMPS		PANEL: MDP										AIC RATING: 65,000		AMPS																			
MAIN CIRCUIT BREAKER:		277/480V 3P/4/W																																	
LOAD		KVA	C/B	OKT	A	B	C	W	OKT	C/B	KVA	LOAD																							
LTS. 50% CUSTOMER	2.35	201	1						2	201	0.5	LTS. EXIT SIGNS / EM LIGHTS																							
LTS. 50% EMPLOYEE	2.30	201	3						4	201	0.95	LTS. NIGHT LIGHTS																							
LTS. 50% CUSTOMER	2.24	201	5						6	201	0.67	LTS. BACK AREA / BASEMENT																							
LTS. 50% EMPLOYEE	2.13	201	7						8	201	0.2	LTS. EXTERIOR WALLPACKS																							
LTS. 50% CUSTOMER	1.68	201	9						10	30/3	5.63	AC. HEATED AIR CURTAIN																							
LTS. 50% EMPLOYEE	1.74	201	11						12	"	5.63																								
AC. ROOF TOP UNIT #1	8.04	35/3	13						14	"	5.63																								
"	8.04		15						16	30/3	0	SPARE																							
"	8.04	"	17						18	"	0																								
AC. ROOF TOP UNIT #2	8.04	35/3	19						20	"	0																								
"	8.04	"	21						22	15/3	3.88	AC. ROOF TOP UNIT #4																							
"	8.04	"	23						24	"	3.88																								
AC. ROOF TOP UNIT #3	8.04	35/3	25						26	"	3.88																								
"	8.04	"	27						28	20/1	1.2	LTS. EXTERIOR SIGN																							
"	8.04	"	29						30	20/1	1.0	LTS. EXTERIOR FRONT																							
AC. ROOF TOP UNIT #5	8.04	35/3	31						32	/1	0	SPACE ONLY																							
"	8.04		33						34	/1	0	SPACE ONLY																							
"	8.04	"	35						36	/1	0	SPACE ONLY																							
AC. ROOF TOP UNIT #6	8.04	35/3	37						38	110/3	12.4	SUB FEED BREAKER TO T1																							
"	8.04	"	39						40	"	11.2																								
"	8.04	"	41						42	"	9.6																								
A PHASE = 67.3												B PHASE = 67.0												C PHASE = 65.0											
SERVING		CONN LOAD			DIVERSITY FACTOR						DEMAND																								
LIGHTING		17			x			1.25			"			21.25																					
RECEPT		0			x			1.00			"			0																					
MISC EQUIP		33.2			x			1.00			"			33.2																					
		149			x			1.00			"			149.1																					
HEATING		0			x			1.00			"			0																					
LARGEST MOTOR		0			x			1.25			"			0																					
OTHER MOTORS		0			x			1.00			"			0																					
OTHER		0			x			1.00			"			0																					
SPARE																																			
TOTALS		399.3			KVA						203.5			KVA																					
* PER N.E.C. 220-44												244.9												AMPS											
LO = PROVIDE UL LISTED SCREW DOWN BREAKER LOCK-ON DEVICE. BY ELECT. CONTRACTOR																																			
HM = PROVIDE HIGH MAGNETIC CIRCUIT BREAKER. FURNISH NEW BY ELECTRICAL CONTRACTOR.																																			
* = CIRCUIT CONTROLLED BY EMS CONTRACTORS																																			
EX = EXISTING EQUIPMENT, ESTIMATED LOAD.																																			

MAIN LUG ONLY: 200		AMPS		PANEL: A				AIC RATING: 10,000		AMPS	
MAIN CIRCUIT BREAKER:				120/208V 3PH,4W							
LOAD		KVA	C/B	CKT	A	B	C	CKT	C/B	KVA	LOAD
SPARE	0	202	1					2	201	0.2	MISC. LIGHTING CONTROLS
*	0	*	3					4	201	0.2	MISC. EMS CONTROL PANEL
MISC. NEW SUMP PUMP	1.5	201	5					6	201	0.5	MISC. FIRE ALARM PANEL
MISC. NEW SUMP PUMP	1.5	201	7					8	201	0.6	MISC. TELEPHONE / SECURITY
REC. ELECTRICAL PANEL	0.2	202	9					10	201	0.4	MISC. HUB CABINET
REC. EXTERIOR OUTLET	0.2	201	11					12	201	0.2	REC. IRRIGATION EQUIP
REC. FLOOR CLEANER	0.6	201	13					14	201	0.2	REC. RESTROOMS
REC. WATER COOLER	0.6	201	15					16	201	1.0	REC. ROOF TOP EQUIP
SPARE	0	201	17					18	201	1.0	REC. ROOF TOP EQUIP
SPARE	0	201	19					20	201	2	MISC. N. WATER HEATER
SPARE	0	201	21					22	201	1.44	MISC. GAS UNIT HEATERS
SPARE	0	201	23					24	202	0	SPARE
SPARE	0	201	25					26	*	0	*
SPARE	0	201	27					28	201	0	SPARE
SPARE	0	201	29					30	201	0	SPARE
SPARE	0	203	31					32	/1	0	SPACE ONLY
*	0	*	33					34	/1	0	SPACE ONLY
*	0	*	35					36	/1	0	SPACE ONLY
SPACE ONLY	0	/1	37					38	1003	7.3	ELECTRICAL PANEL 'B'
SPACE ONLY	0	/1	39					40	*	7.4	*
SPACE ONLY	0	/1	41					42	*	7.2	*
A PHASE = 12.4				B PHASE = 11.2						C PHASE = 9.6	
SERVING		CONN LOAD		DIVERSITY FACTOR						DEMAND	
LIGHTING		0 x		1.25				=		0	
RECEPT		0 x		1.00				=		1.0	
MISC EQUIP		29.2 x		1.00				=		29.2	
A/C		0 x		1.25				=		0	
HEATING		0 x		1.00				=		0	
LARGEST MOTOR		0 x		1.25				=		0	
OTHER MOTORS		0 x		1.00				=		0	
OTHER		0 x		1.00				=		0	
SPARE											
TOTALS		33.2 KVA								33.2 KVA	
* PER N.E.C. 220-44										92.3 AMPS	

LO = PROVIDE UL LISTED SCREW DOWN CIRCUIT BREAKER LOCK-ON DEVICE, BY ELECT. CONTRACTOR
 FHM = PROVIDE HIGH MAGNETIC CIRCUIT BREAKER. FURNISH NEW BY ELECTRICAL CONTRACTOR.
 * = CIRCUIT CONTROLLED BY EMS CONTRACTORS
 EX = EXISTING EQUIPMENT, ESTIMATED LOAD.

MAIN LUG ONLY: 100 AMPS		PANEL: B				AIR CING: 10,000 AMPS				
MAIN CIRCUIT BREAKER:		120/208V 3PH,4W								
LOAD		KVA	C/B	CKT	A	B	CKT	C/B	KVA	LOAD
REC. MGR DESK PRINTER	0.6	201	1				2	201	0.8	REC. HUB COUNTER
REC. MGR DESK DATA	0.6	201	3				4	201	0.8	REC. HUB COUNTER
REC. MGR DESK SOUND	0.6	201	5				6	201	1.0	REC. HUB COUNTER PRINTER
REC. MGR DESK COMP.	1.2	201	7				8	201	0.8	REC. HUB COUNTER
SPACE ONLY	0	/I	9				10	/I	0	SPACE ONLY
REC. SALES AREA	0.3	201	11				12	201	0.8	REC. COMM COUNTER
REC. ALT/STARTER TESTER	1.4	201	13				14	201	0.8	REC. COMM COUNTER
REC. BATTERY FAST CHGR	1.0	201	15				16	201	1.0	REC. COMM COUNTER PTR
REC. BATTERY CHGR STA	0.2	201	17				18	201	0.8	REC. COMM COUNTER
REC. WORKBENCH	0.2	201	19				20	201	0.8	REC. COMM COUNTER
SPACE ONLY	0	/I	21				22	201	0.8	REC. COMM COUNTER
REC. SHOW WINDOWS	0.5	201	23				24	201	1.0	REC. COMM COUNTER PTR
REC. EAS TOWER	0.2	201	25				26	/I	0	SPACE ONLY
REC. GREETER MONITOR	0.4	201	27				28	201	0.8	REC. CHECKOUT COUNTER
REC. BREAKROOM OUTLET	1.5	201	29				30	201	0.8	REC. CHECKOUT COUNTER
SPACE ONLY	0	/I	31				32	201	0.7	REC. CHECKOUT COOLER
SPACE ONLY	0	/I	33				34	201	0.8	REC. CHECKOUT COUNTER
SPACE ONLY	0	/I	35				36	201	0.8	REC. CHECKOUT COUNTER
SPACE ONLY	0	/I	37				38	/I	0	SPACE ONLY
SPACE ONLY	0	/I	39				40	/I	0	SPACE ONLY
SPACE ONLY	0	/I	41				42	/I	0	SPACE ONLY
A PHASE = 7.5		B PHASE = 6.2				C PHASE = 8.2				
SERVING	CONN LOAD		DIVERSITY FACTOR			DEMAND				
LIGHTING	0	x	1.25	=		0				
RECEIPT	21.9	x	1.00	=		21.9				
MISC EQUIP	0	x	1.00	=		0				
A/C	0	x	1.25	=		0				
HEATING	0	x	1.00	=		0				
LARGEST MOTOR	0	x	1.25	=		0				
OTHER MOTORS	0	x	1.00	=		0				
OTHER	0	x	1.00	=		0				
SPARE										
TOTALS	21.9 KVA					21.9 KVA				
* PER N.E.C. 220-44						60.8 AMPS				
LO = PROVIDE UL LISTED SCREW DOWN BREAKER LOCK-ON DEVICE, BY ELECT. CONTRACTOR HM = PROVIDE HIGH MAGNETIC CIRCUIT BREAKER, FURNISH NEW BY ELECTRICAL CONTRACTOR. * = CIRCUIT CONTROLLED BY EMS CONTRACTORS EX = EXISTING EQUIPMENT, ESTIMATED LOAD.										

KEY NOTES

1. EXISTING ELECTRICAL SERVICE GROUND TO REMAIN. ELECTRICAL CONTRACTOR SHALL VERIFY GROUND CONTINUITY AND THAT IT IS IN COMPLIANCE WITH NEC ARTICLE 250.
2. EXISTING PANEL MANU. SUPPLIED AND INSTALLED BY AFS VENDOR. S.S. C.B. TO LEAVE 24"x24" SPACE NEXT TO LIGHTING PANEL FOR EMS PANEL.
3. ELECTRICAL PANEL/DISCONNECT IS EXISTING TO REMAIN. TEST AND RELABEL EXISTING EQUIPMENT TO BE REUSED PER NEC 110.21.
4. INSTALL DUPLEX RECEPTACLE (FOR IRRIGATION TIMER) & QUADRAPLEX RECEPTACLE (FOR TELEPHONE) AND 1/2" NPT FOR TELEPHONE AND SECURITY EQUIPMENT. IT IS CRITICAL THAT THESE RECEPTACLES BE SEPARATE. EACH PROVIDED WITH A DEDICATED (2" CIRCUT).
5. EXISTING PANEL SHALL HAVE ABOVE BOTTOM OF PHONEBOARD(S) INDICATED. EQUIPMENT TO BE MOUNTED TO 4"x6" PHONEBOARD. LOCATE ON PHONEBOARD AS SHOWN. (IF ANY OF ALL EQUIPMENT IS NOT REVIEWED AND APPROVED BY OWNER PRIOR TO ANY WORK BEING PERFORMED).
6. LIGHTING CONTRACTORS FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR. CONTRACTORS SHALL HAVE 10/10V/UL CUL. ELECTRICALLY WELD. NO CONTACTS IN NEMA 1 ENCLOSURE. SEE TYPE ORRAT, OR APPROVED EQL. UL LISTED LIGHTING CORDS.
7. DUCT SMOKE DETECTOR MODEL TEST STATIONS. SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.
8. RTU/TERMINOSTATS MOUNTED ON POWER BOARD AT 4'-4" AFF IN NUMERICAL ORDER. (SEE RIGHT AS LOCATED). COORDINATE WITH MECHANICAL INSTALLATION.
9. FIRE ALARM PANEL 1 & BOX MOUNTED ABOVE POWER BOARD. J BOX BY E.C. FIRE ALARM PANEL BY FIRE ALARM VENDOR. NOTE FIRE ALARM PANEL WILL BE WIRED TO PANEL WITH A NOTICED CORD AS PER E.P. DRAWING. PROVIDE LOCAL A/V LOGOUT DEVICE ON BREAKER.
10. LOCATION OF FUTURE FIRE ALARM DOCUMENTS BOX.
11. DISCONNECT AND REMOVE EXISTING EQUIPMENT. REMOVE ALL ASSOCIATED ELECTRICAL MATERIALS BACK TO SOURCE.
12. REMOVE AND INSTALL NEW 120V/208V PANELBOARDS PER SINGLE LINE AND SCHEDULES. PROVIDE LABELS AND TYPED SCHEDULE.

