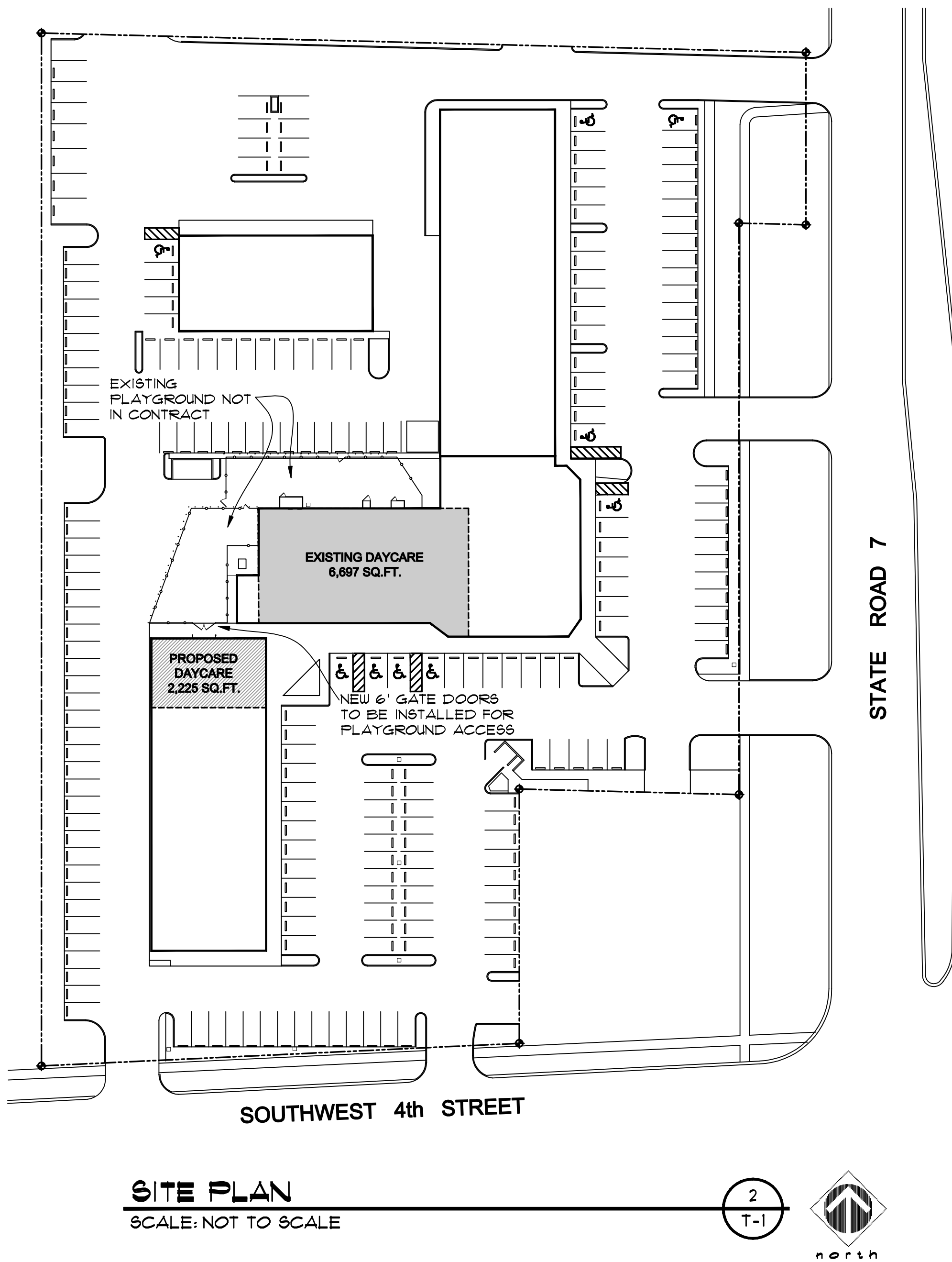


GENERAL CONSTRUCTION NOTES

1. WORK SHALL INCLUDE ALL ITEMS (BUILDING AND SITE) AS INDICATED ON THIS SET OF DRAWINGS UNLESS NOTED OTHERWISE.
2. DEPOSITS AND FEES: DEPOSITS FOR UTILITIES INCLUDING WATER METER, TELEPHONE AND ELECTRICAL SERVICE TO BE MADE BY THE GENERAL CONTRACTOR. PERMIT FEES, AS REQUIRED, SHALL BE PAID BY THE CONTRACTOR FOR THAT PORTION OF THE WORK.
3. GENERAL CONTRACTOR SHALL MAINTAIN TEMPORARY ELECTRICAL, WATER, AND SANITARY FACILITIES AS REQUIRED FOR THE DURATION OF CONSTRUCTION.
4. PRIOR TO STARTING WORK, THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN THE PLANS, WRITTEN FIGURES INDICATING DIMENSIONS SHALL BE USED INSTEAD OF SCALING THE DRAWINGS. MEASUREMENTS BY SCALING SHALL NOT BE USED AS DIMENSIONS TO WORK BY. FIELD MEASUREMENTS ARE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. SHOP DRAWINGS MUST BE FIELD VERIFIED.
5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL CODES, RULES AND REGULATIONS OR RESTRICTIONS HAVING JURISDICTION. GENERAL CONTRACTOR SHALL PROMPTLY NOTIFY ARCHITECT UPON THE OBSERVANCE OF ANY VARIATION BETWEEN THESE DOCUMENTS AND ANY APPLICABLE CODES OR ORDINANCES.
6. ALL CONSTRUCTION MATERIALS SHALL BE NEW AND SHALL BEAR UNDERWRITER'S LABELS WHERE APPLICABLE.
7. ALL PIERS, SUPPORTS, SHELVING, FOUNDATIONS, ANCHOR BOLTS, HANGERS, WHICH ARE REQUIRED BY A SUBCONTRACTORS FOR THE SUPPORT OR HANGING OF THEIR EQUIPMENT SHALL BE SUPPLIED BY THE CONTRACTOR REQUIRING SAME.
8. FOR CONVENIENCE IN DESCRIPTION & AS A STANDARD FOR GRADE, TYPE, QUALITY AND PERFORMANCE CHARACTERISTICS, PROPRIETARY NAMES ARE INCLUDED WITH SOME DESCRIPTIONS. THIS DOES NOT IMPLY ANY PREFERENCE TO A PARTICULAR MANUFACTURER, BUT MINIMUM REQUIREMENTS, WITH FINAL DECISIONS BEING MADE BY THE OWNER AND ARCHITECT.
9. ARRANGE FOR SUITABLE STORAGE SPACE FOR MATERIALS TO PREVENT INCLUSION OF FOREIGN MATERIALS AND DELIVER AT SUCH TIMES AS NOT TO INTERFERE WITH OTHER OPERATIONS. MATERIALS ON SITE SHALL BE KEPT IN UNOPENED, ORIGINAL CONTAINERS OR PACKAGES THAT BEAR IDENTIFYING LABELS WHICH ARE NOT TO BE REMOVED UNTIL THEIR IMMEDIATE USE. PROTECT ALL MATERIALS FROM MINOR ABRASIONS AND HANDLE MASONRY PRODUCTS WITH CARE TO PREVENT CHIPPING AND DAMAGE.
10. GENERAL CONTRACTOR SHALL REMOVE ALL CONSTRUCTION DEBRIS FROM THE JOB SITE & LEAVE BUILDING BROOM CLEAN. ALL GLASS SHALL BE THOROUGHLY CLEANED AT COMPLETION OF WORK. ANY PAINT SPECKS & OTHER CONSTRUCTION MARKS SHALL BE REMOVED FROM ALL FINISHED SURFACES.
11. GENERAL CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP TO BE FREE OF DEFECTS FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM THE DATE OF ACCEPTANCE. CORRECTION OF DEFECTS SHALL BE COMPLETED IN A TIMELY MANNER WITHOUT ADDITIONAL CHARGE. THIS SHALL INCLUDE ELEMENTS WHICH ARE DAMAGED BY SAID DEFECTS.
12. ALL LUMBER SHALL BE DOUGLAS FIR WITH A MINIMUM FIBER STRESS OF 1000 PSI, OR NO. 2 SOUTHERN PINE, UNLESS NOTED OTHERWISE. ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE TREATED.
13. ALL METAL USED FOR CONNECTING WOOD MEMBERS SHALL BE GALVANIZED. ALL NAILS, BOLTS OR OTHER METAL CONNECTORS SHALL BE GALVANIZED OR SHALL BE CORROSION RESISTANT.

GENERAL NOTES

- GOVERNING CODE: FLORIDA BUILDING CODE (FBC 2014), LATEST EDITION, ANSI / ASCE 7-10 FOR WIND LOADS, (110 MPH WIDESPREAD EXPOSURE "C")
- REFERENCE STANDARDS: REFERENCE TO ASTM AND OTHER STANDARDS SHALL MEAN THE LATEST EDITION IN EFFECT ON THE BID DATE OR DATE OF OWNER-CONTRACTOR AGREEMENT UNLESS NOTED IN THESE DOCUMENTS OR DESIGNATED BY THE GOVERNING CODE.
- NOTES: NOTES ON THE INDIVIDUAL STRUCTURAL DRAWINGS SHALL TAKE PRIORITY OVER STRUCTURAL NOTES ON THIS SHEET.
- SPECIFICATIONS: REFER TO THE SPECIFICATIONS FOR INFORMATION IN ADDITION TO THESE NOTES AND THE STRUCTURAL DRAWINGS
- ARCHITECTURAL: REFER TO THE ARCHITECTURAL DRAWINGS FOR ELEVATIONS, DOORS, WINDOWS, NONBEARING WALLS, CURTAIN WALLS, ELEVATORS, STAIRS, SLOPES, CURBS, DRAINS, DEPRESSIONS, RAILINGS, WATERPROOFING, FINISHES, ETC
- DISCREPANCIES: IN CASE OF DISCREPANCIES BETWEEN THE PLANS, SPECIFICATIONS, REFERENCE STANDARDS & GOVERNING CODE, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- SITE VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE STARTING WORK, AND THE ARCHITECT SHALL BE IMMEDIATELY NOTIFIED, IN WRITING, OF ANY DISCREPANCIES. IN NO CASE CASE SHALL DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON THE STRUCTURAL DRAWINGS.
- OMISSIONS/CONFLICTS: IN CASE OF OMISSIONS AND CONFLICTS BETWEEN THE PLANS, SPECIFICATIONS AND SITE CONDITIONS, THE ARCHITECT SHALL BE NOTIFIED BEFORE PROCEEDING WITH THE WORK.
- CONTRACTOR RESPONSIBILITIES: THE CONTRACTOR IS RESPONSIBLE FOR SAFETY AT THE SITE AND FOR THE STRENGTH AND STABILITY OF ALL PARTLY COMPLETED STRUCTURES.
- LOAD LIMITS: LOADS ON THE STRUCTURE SHALL NOT EXCEED THE DESIGN LOADS SHOWN UNDER "DESIGN CRITERIA".
- SUBMITTALS: WHERE SHOP DRAWINGS, MILL TESTS, OR OTHER ITEMS ARE REQUESTED, SUBMITTAL SHALL BE MADE TO THE ARCHITECT PRIOR TO FABRICATION OR INSTALLATION IN THE STRUCTURE, UNLESS SPECIFICALLY NOTED.
- ALTERNATES: ALTERNATES FOR SPECIFIED ITEMS SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL. CONTRACTOR SHALL BUDGET FOR ARCHITECTURAL/ENGINEERING FEES ASSOCIATED WITH THE REVIEW OF THESE MATERIALS.



SITE PLAN

SCALE: NOT TO SCALE

BUILDING DATA SUMMARY

BUILDING HEIGHT : EXISTING (ONE STORY)
CONSTRUCTION TYPE: TYPE III, B (UNPROTECTED)
THIS SPACE IS NOT FIRE SPRINKLED
THIS SPACE HAS NO FIRE ALARM

OCCUPANCY SUMMARY

USE	AREA SF.	SF. / PERSON	OCCUPANTS
EDUCATIONAL (DAYCARE)	2,225	50 NET	44.5
TOTAL OCCUPANTS :			45
TOTAL LEASEABLE AREA:			2,225

LIFE SAFETY CRITERIA

BUILDING CLASSIFICATION: EDUCATIONAL (DAYCARE)
OCCUPANCY: (TABLE - 1004.1) OF F.B.C.-2014) 45 PERSONS
MEANS OF EGRESS REQUIRED: 2 INCHES PER PERSON x 45 = 9"
(SECTION-1005 OF F.B.C.-2014)
MEANS OF EGRESS PROVIDED: 2'0 3/8" x 12" AT FRONT
2'0 3/8" x 12" AT REAR
FOR A TOTAL OF 144"

REQUIRED PLUMBING FIXTURES

ACCORDING TO THE ABOVE CHART, MAXIMUM OCCUPANCY IS
23 MALES 23 FEMALES
AS PER THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2014
SECTION (P403) MINIMUM PLUMBING FACILITIES, EDUCATIONAL (DAYCARE)
FACILITIES REQUIRED: (MALES) 1 WATER CLOSET, 1 LAVATORY
(FEMALES) 1 WATER CLOSET, 1 LAVATORY
1 DRINKING FOUNTAIN AND 1 SERVICE SINK
FACILITIES PROVIDED: (MALES) 1 WATER CLOSET, 1 LAVATORY
(FEMALES) 1 WATER CLOSET, 1 LAVATORY
1 DRINKING FOUNTAIN AND 1 SERVICE SINK
THE ABOVE REQUIREMENTS ARE BASED ON THE FLORIDA BUILDING
CODE 2014 PLUMBING SECTION TABLE 403.1 FOR EDUCATIONAL.

GOVERNING CODE:

FLORIDA BUILDING CODE 2014 EDITION

SIGNAGE

SIGNAGE IS NOT IN THIS SCOPE OF WORK

ACCESSIBILITY COMPLIANCE

THE PUBLIC SPACE SHALL COMPLY FULLY WITH THE ADA (AMERICAN WITH DISABILITIES ACT) FEDERAL STANDARDS FOR ACCESSIBLE DESIGN 2014.
THIS PUBLIC SPACE SHALL COMPLY FULLY WITH THE 2014 FLORIDA BUILDING CODE CHAPTER 11 PART A OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
ACCESSIBILITY NOTE:
ALL SPACES ARE JOINED BY A FLUSH AND LEVEL COVERED SIDEWALK WHICH SERVICES ALL ENTRIES WITH AN ACCESSIBLE APPROACH. SIDEWALKS ARE ACCESSED BY RAMPS AND PARKING AS REQUIRED BY FLORIDA AND ADA CODES.

FIRE EXTINGUISHER SPECIFICATION

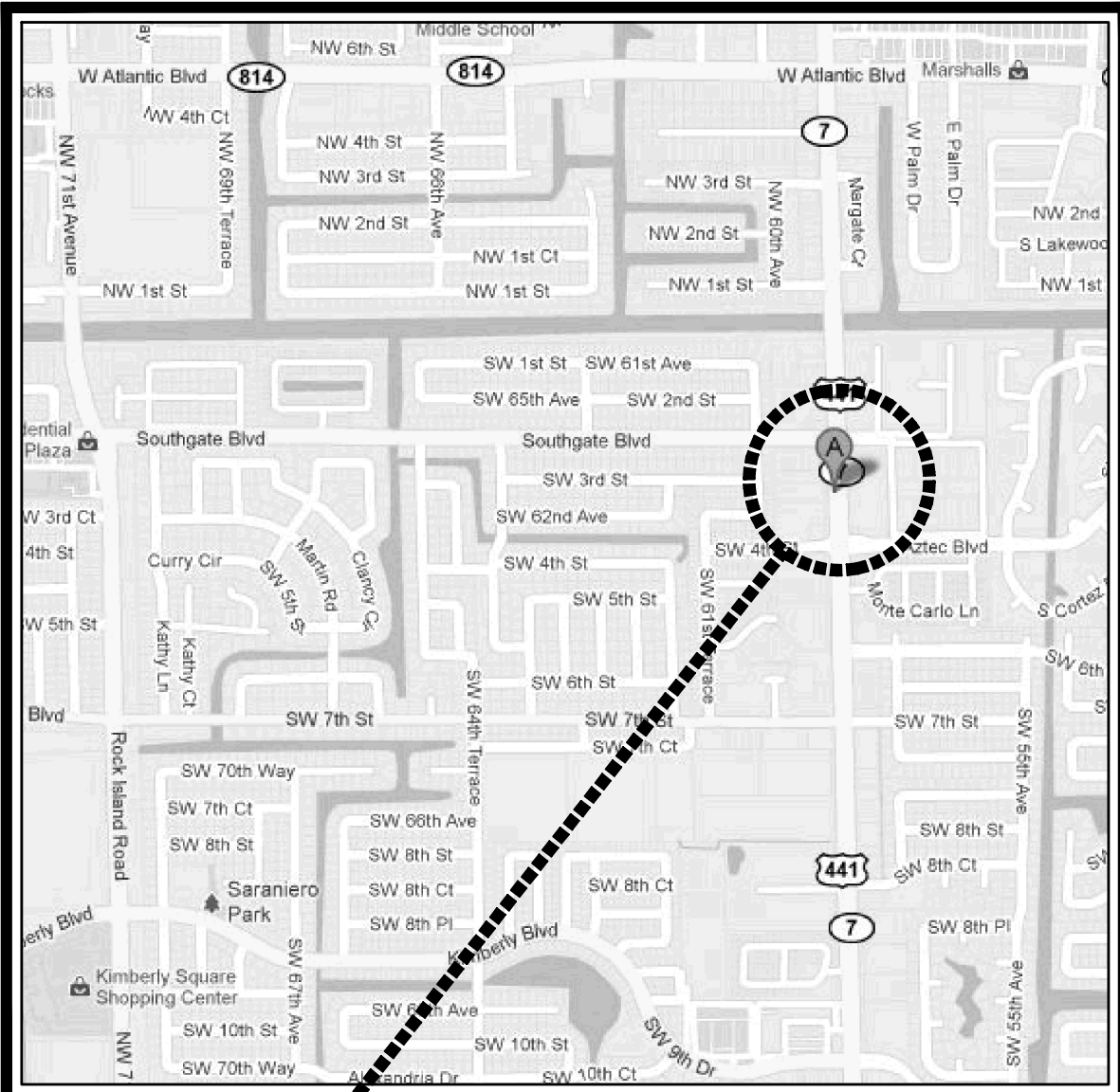
INSTALL MINIMUM CLASS 2A10BC CERTIFIED DRY CHEMICAL TYPE 2 1/2 GALLON MANUAL FIRE EXTINGUISHER RATED TO COMPLY WITH ANSI/ UL299 ULC-9504 AND TO MEET ALL REQUIREMENTS OF NFPA10 AND ALL APPLICABLE CODES. INSTALL SUCH THAT TOP OF UNIT IS NO HIGHER THAN 5'-0" AND BOTTOM IS NOT LOWER THAN 4".
COORDINATE INSTALLATION WITH FIRE DEPARTMENT.

INDEX OF DRAWINGS

- T-1 TITLE SHEET / SITE LOCATION PLAN, DETAIL AND NOTES
D-1 DEMOLITION PLAN AND NOTES
A-1 TENANT IMPROVEMENT PLAN, REFLECTED CEILING PLAN AND NOTES
A-2 GENERAL DETAILS AND NOTES
A-3 ACCESSIBILITY DETAILS AND NOTES
LG-1 LIFE SAFETY PLAN AND NOTES
E-1 ELECTRICAL PLAN AND NOTES
E-2 ELECTRICAL RISER DIAGRAM AND PANEL SCHEDULES
P-1 PLUMBING PLAN, DETAILS AND NOTES
FG-1 U.L. FIRE RATED DETAILS

SCOPE OF WORK

LEVEL ALTERATION: LEVEL II (INTERIOR ALTERATIONS)
CLASS OF REHABILITATION: MODIFICATION
THIS IS AN EXISTING VACANT TENANT SPACE WITHIN AN EXISTING SHOPPING CENTER.
THE SCOPE OF WORK FOR THIS CONTRACT IS TO EXPAND AN EXISTING DAYCARE FACILITY. EXISTING RESTROOMS SHALL BE REDEVELOPED IN ORDER TO COMPLY WITH ADA STANDARDS AND PARTITIONS SHALL BE ADDED AS SHOWN ON PLANS.
ELECTRICAL WORK SHALL CONSIST OF ADDING RECEPTACLES AND EQUIPMENT, REUSING THE EXISTING METER, DISCONNECT, CONDUCTOR AND CONDUITS.
PLUMBING WORK SHALL CONSIST OF ADDING NEW ADA COMPLIANT RESTROOM AND ADA COMPLIANT DRINKING FOUNTAIN AS SHOWN ON THE PLANS. THE EXISTING RESTROOM FIXTURES SHALL BE REUSED.
NO MECHANICAL WORK PROPOSED.
NO STRUCTURAL WORK IS PROPOSED.



LOCATION OF EXISTING PROPERTY

SITE LOCATION MAP

SCALE: NOT TO SCALE

Revisions:

- 1
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Project Number

160602

CHILDREN'S WORLD DAYCARE

TENANT IMPROVEMENTS

331-333 STATE ROAD 7
MARGATE, FLORIDA 33068

Project Name

TENANT IMPROVEMENTS

STEPHEN BRASGALLA, ARCHITECT

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REGISTRATION NO. AR12239

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PARKING CALCULATION

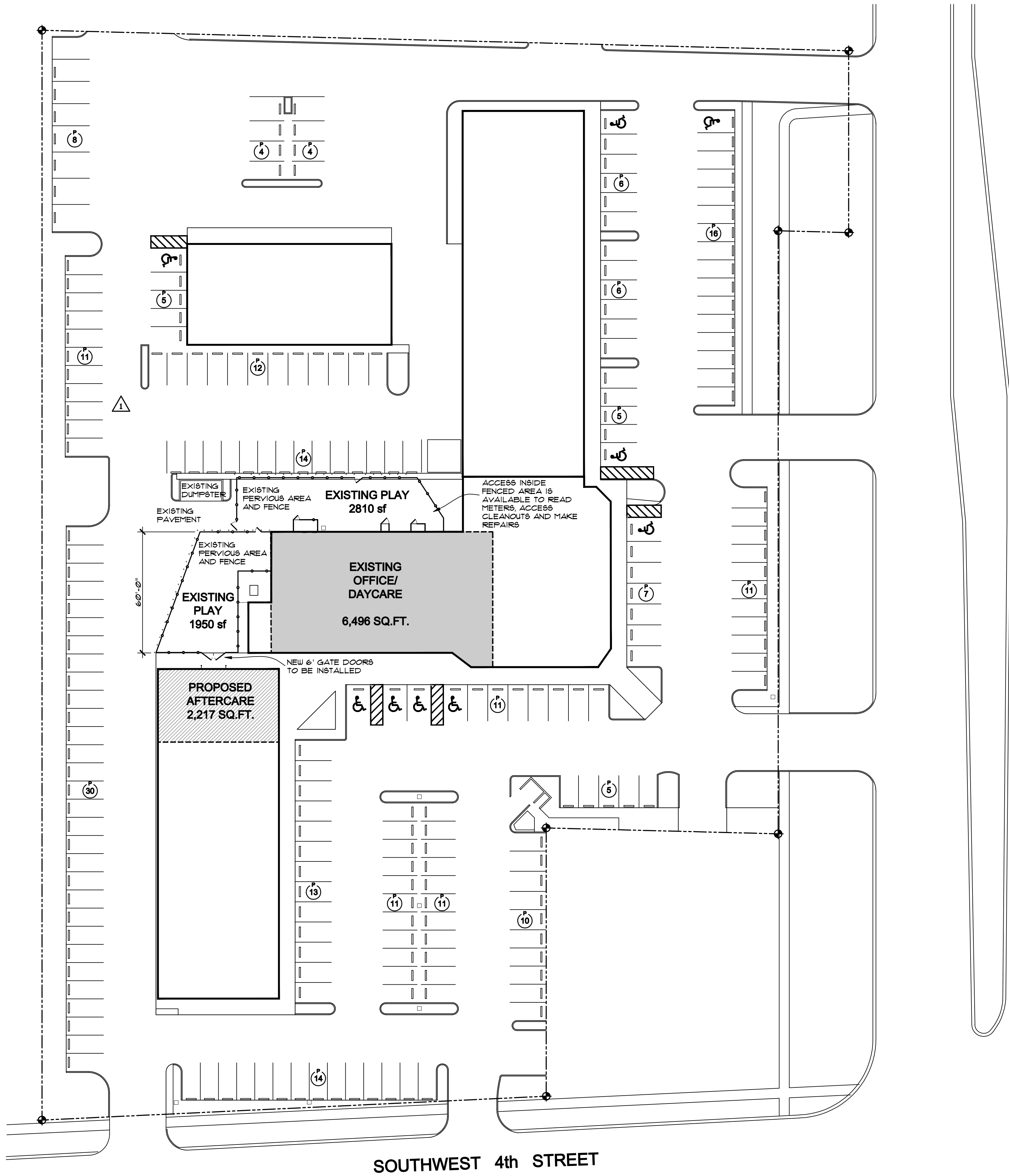
PREVIOUSLY APPROVED - 252 SPACES
REDUCED BY AGREEMENT - 211 SPACES BOA

EXISTING PARKING - 214 SPACES (NET +3)

PROPOSED DAY CARE OCCUPANCY (AFTERCARE)
2 PATRON SPACES

FORMER SURPLUS: 3 SPACES
NEW NET SURPLUS: 1 SPACE

ALL PARKING SHOWN IS EXISTING TO REMAIN



EXISTING SITE PLAN
SCALE: 1" = 30'-0"

1
SP-1



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 - 2
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 - 5

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1 6 0 6 0 2

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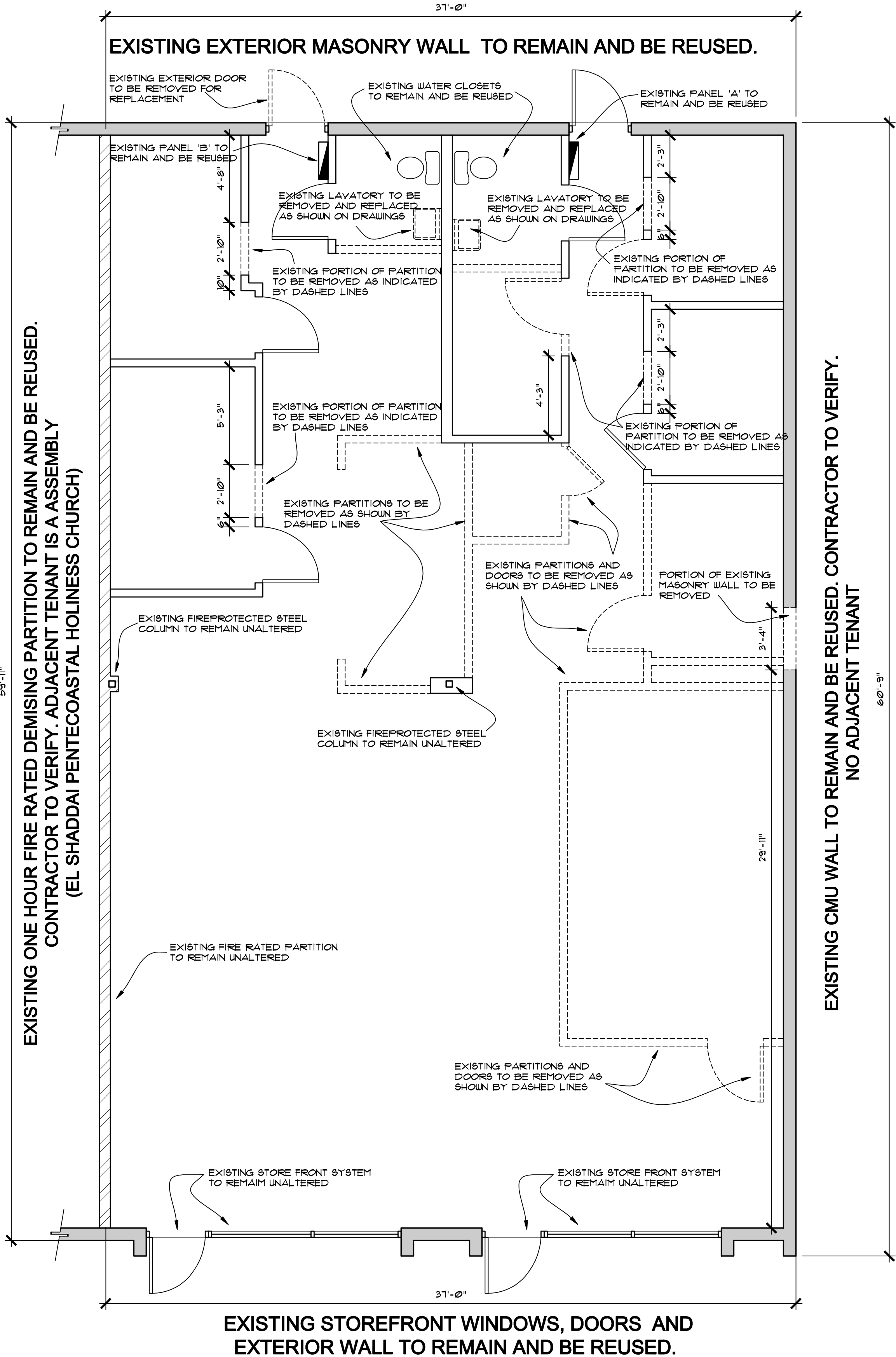
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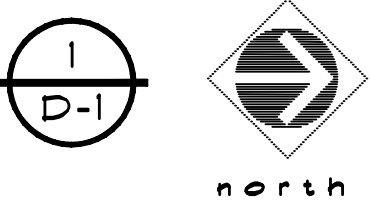
WALL LEGEND	
	EXISTING PARTITION TO BE DEMOLISHED
	EXISTING TENANT SEPARATION WALL
	EXISTING EXTERIOR MASONRY WALL

- DEMOLITION NOTES
- DEMOLITION CONTRACTOR SHALL BE FULLY LICENSED AND INSURED AND SHALL MAINTAIN COMPLIANCE WITH ALL O.S.H.A. AND OTHER APPLICABLE SAFETY STANDARDS.
 - DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT COMPLIANCE WITH ALL RULES AND REGULATIONS GOVERNING THE DISPOSAL OF CONSTRUCTION DEBRIS.
 - DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT ADHERENCE WITH THE LOCAL JURISDICTION'S RULES FOR CONSTRUCTION TIMES AND PROCEDURES FOR PICK UP AND REMOVAL OF CONSTRUCTION DEBRIS.
 - DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT COMPLIANCE WITH ALL PUBLIC SAFETY PROTOCOLS APPLICABLE TO DEMOLITION WORK WITHIN THE LOCAL JURISDICTION AND SPECIFICALLY AT THIS SITE.
 - DEMOLITION CONTRACTOR SHALL MAINTAIN STRICT ADHERENCE WITH THE LANDLORD'S RULES FOR CONSTRUCTION TIMES AND PROCEDURES AND FOR PICK UP AND REMOVAL OF CONSTRUCTION DEBRIS.
 - SHOULD ANY KNOWN HAZARDOUS MATERIALS BE DETECTED WITHIN THE STRUCTURE, DEMOLITION WORK SHALL STOP AND THE CONTRACTOR SHALL FILE AN RFI (REQUEST FOR INFORMATION) WITH THE ARCHITECT. WORK SHALL NOT RESUME UNTIL WRITTEN INSTRUCTIONS ARE PROVIDED.
 - IMPORTANT: IF THERE IS ANY DOUBT AS TO WHETHER A COMPONENT IS STRUCTURAL OR NON-STRUCTURAL, DEMOLITION WORK SHALL STOP AND THE CONTRACTOR SHALL FILE AN RFI (REQUEST FOR INFORMATION) WITH THE ARCHITECT. DEMOLITION WORK SHALL RESUME PURSUANT TO THE ARCHITECT'S WRITTEN INSTRUCTIONS TO PROCEED.
 - IMPORTANT: IF THE DEMOLITION OF ANY NON-STRUCTURAL COMPONENT THREATENS THE INTEGRITY OF ANY STRUCTURAL COMPONENT, DEMOLITION WORK SHALL STOP AND THE CONTRACTOR SHALL FILE AN RFI (REQUEST FOR INFORMATION) WITH THE ARCHITECT. DEMOLITION WORK SHALL NOT RESUME UNTIL WRITTEN INSTRUCTIONS ARE PROVIDED.
 - REMOVE ALL FINISHES IN ALL AREAS, STRIP AWAY ALL BACKING AND SUPPORT FOR FINISHES, EXPOSING STRUCTURE BENEATH IN ALL AREAS, ALL CONDITIONS THROUGHOUT.
 - REMOVE ALL NON-BEARING INTERIOR PARTITIONS AS INDICATED ON THIS PLAN. REMOVE ALL RELATED CONSTRUCTION (DOORS, BUILT-INS, MILLWORK, HEADERS, AND SOFFITS).
 - REMOVE NON-STRUCTURAL CEILINGS AS INDICATED ON THIS PLAN AND FULLY EXPOSE UNDERLYING STRUCTURE.
 - REMOVE ELECTRICAL COMPONENTS, WIRING, CONDUITS, RACEWAYS, PANELS, JUNCTION BOXES, ELECTRICAL FIXTURES, & RELATED COMPONENTS WITHIN EXISTING BUILDING ELEMENTS TO BE DEMOLISHED. CAP ALL REMAINING PIPES AND CONDUITS BELOW SLAB.



DEMOLITION FLOOR PLAN

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



Revisions:

1

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1 6 0 6 0 2

Project Name

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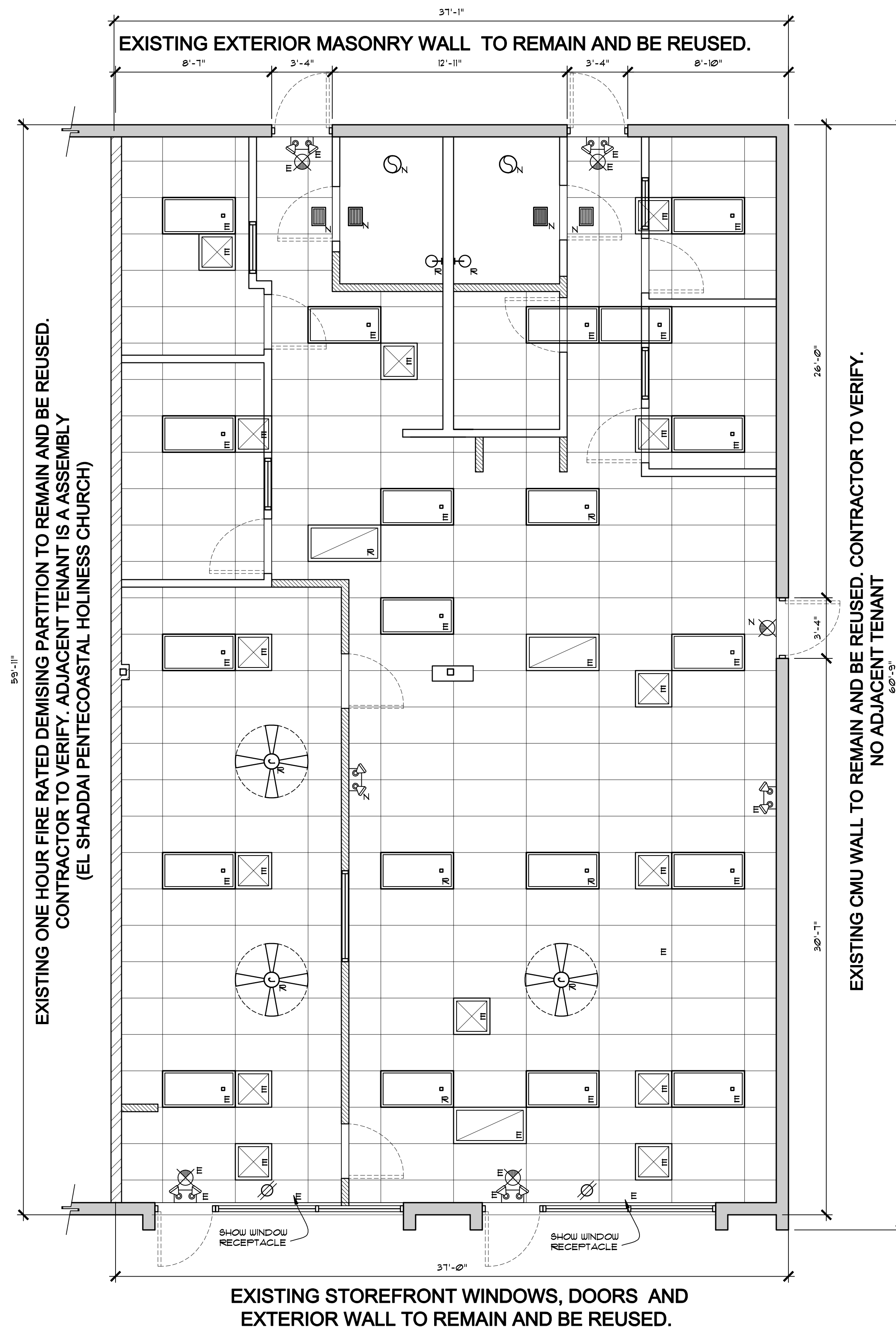
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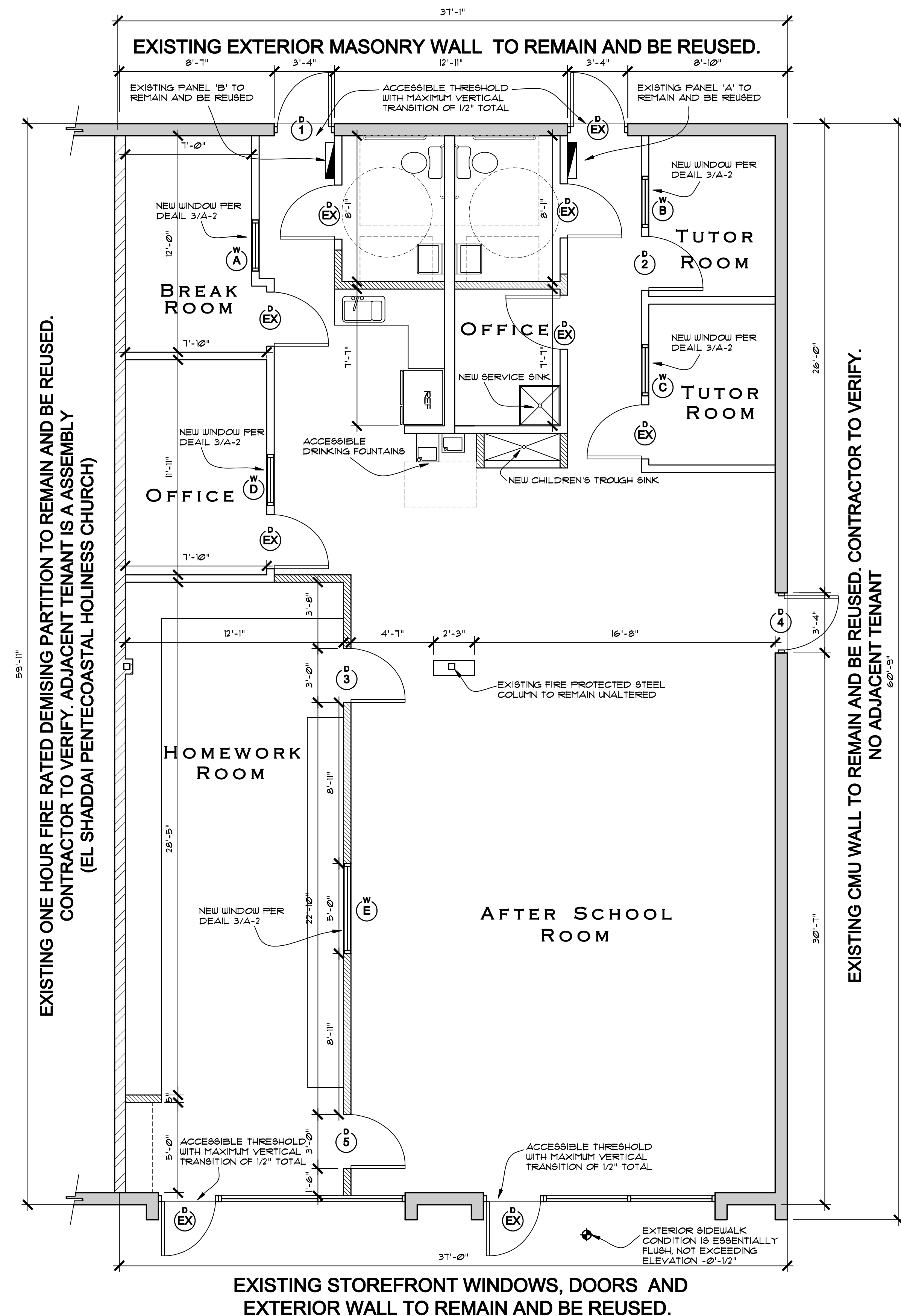


PROPOSED REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



INTERIOR FINISHES CLASSIFICATION NOTE
ALL INTERIOR FINISHES TO BE MINIMUM CLASS "C" (FLAME SPREAD 76-200, SMOKE DEVELOPED 0-450 AS NFPA TABLE A.1022).

WALL LEGEND	
	NEW PARTITION PER DETAIL 2/A-2
	EXISTING INTERIOR PARTITION
	EXISTING DEMISING PARTITION TO REMAIN AND REUSED
	EXISTING EXTERIOR MASONRY WALL TO REMAIN AND REUSED



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



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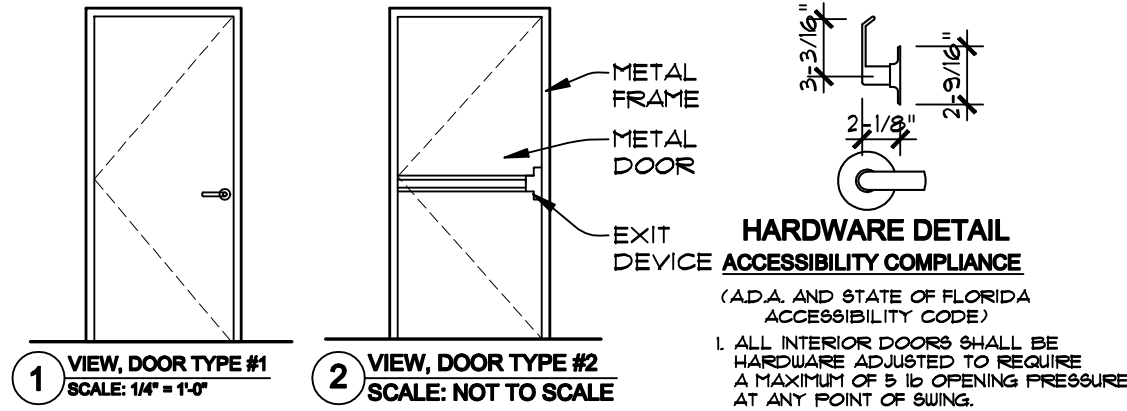
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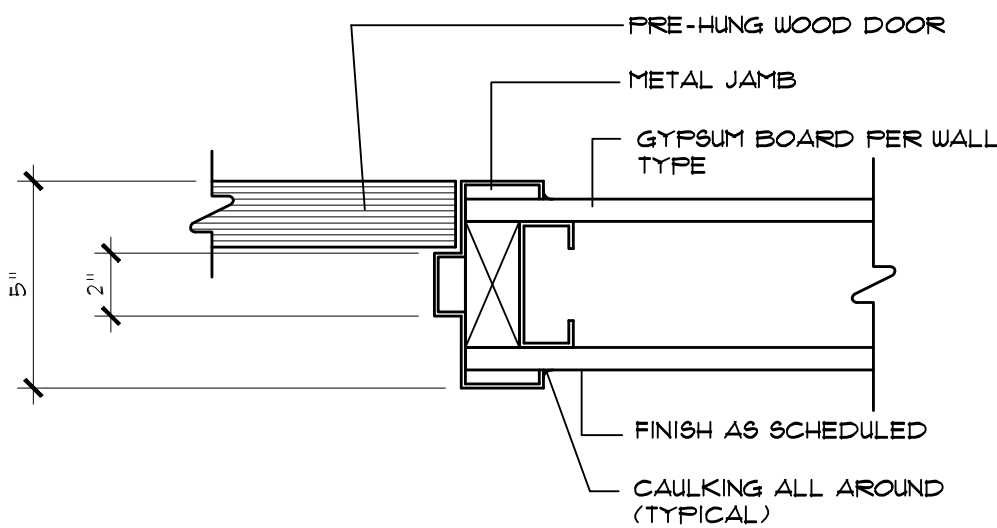
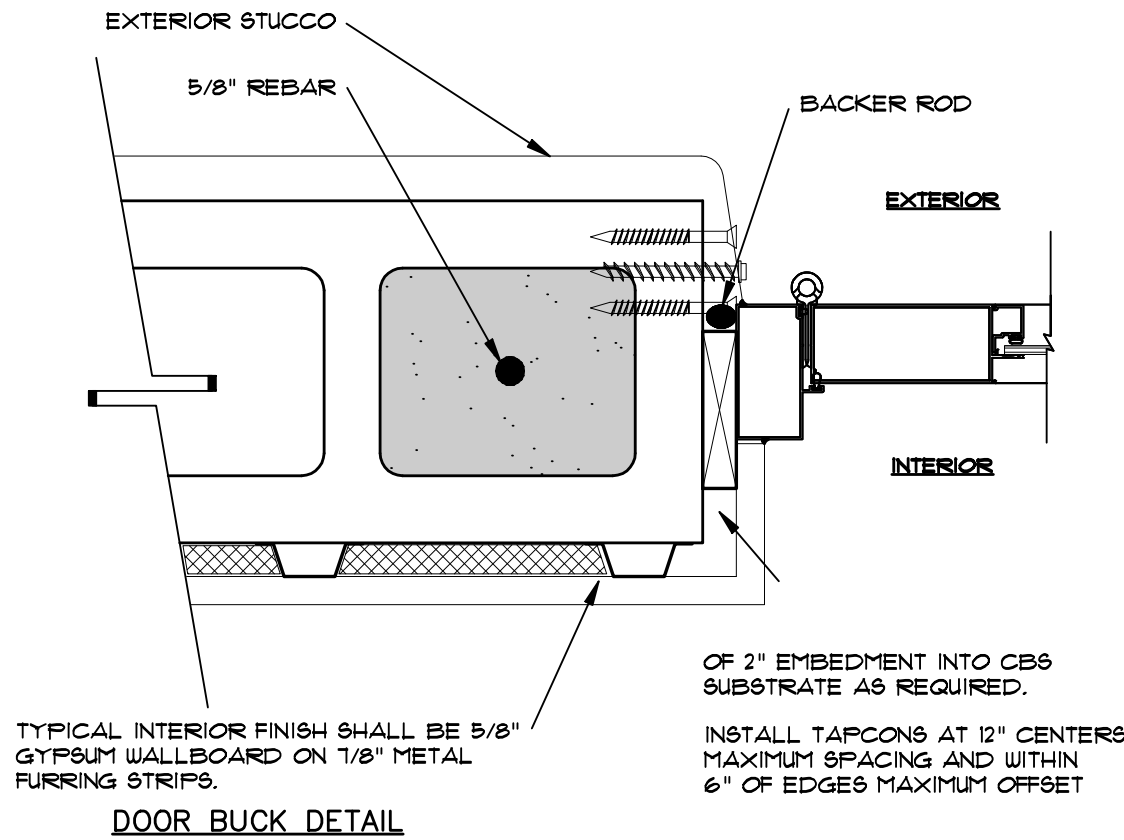
A - 1

ALL DOORS MUST COMPLY WITH THE REQUIREMENTS OF THE CURRENT VERSION OF NFPA 101 CHAPTER 7 REGARDING EGRESS, ACCESSIBILITY, AND OPERATION



DOOR SCHEDULE											
MARK	NOMINAL SIZE	TYPE	MATERIAL	FRAME	FINISH	PROPRIETARY SPECIFICATION	PROPRIETARY APPROVAL	ZONE	NET DESIGN WIND PRESSURE		REMARKS
D 1	3'-0" X 7'-0"	2	METAL	METAL	FACTORY	MESKER DOOR INC SERIES "N"	10-120210	4	+41.8 PSF	-45.5 PSF	NEW INSULATED HOLLOW METAL EGRESS DOOR WITH PANIC BARS
D 2	3'-0" X 6'-8"	1	WOOD	WOOD	FACTORY	--	--	--	--	--	NEW INTERIOR DOOR WITH ADA HARDWARE
D 3	3'-0" X 6'-8"	1	WOOD	WOOD	FACTORY	--	--	--	--	--	NEW INTERIOR DOOR WITH ADA HARDWARE
D 4	3'-0" X 6'-8"	2	METAL	METAL	FACTORY	MESKER DOOR INC SERIES "N"	10-120210	5	+41.8 PSF	-54.6 PSF	NEW IMPACT RATED INSULATED METAL DOOR
D 5	3'-0" X 6'-8"	1	WOOD	WOOD	FACTORY	--	--	--	--	--	NEW INTERIOR DOOR WITH ADA HARDWARE

NOTE: 1. EXIT DOORS SHALL COMPLY WITH FLORIDA FIRE PREVENTION CODE, NFPA 101, SECTION 12.15 LOCKS. IF PROVIDED, SHALL NOT REQUIRE THE USE OF A KEY, A TOOL OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE.

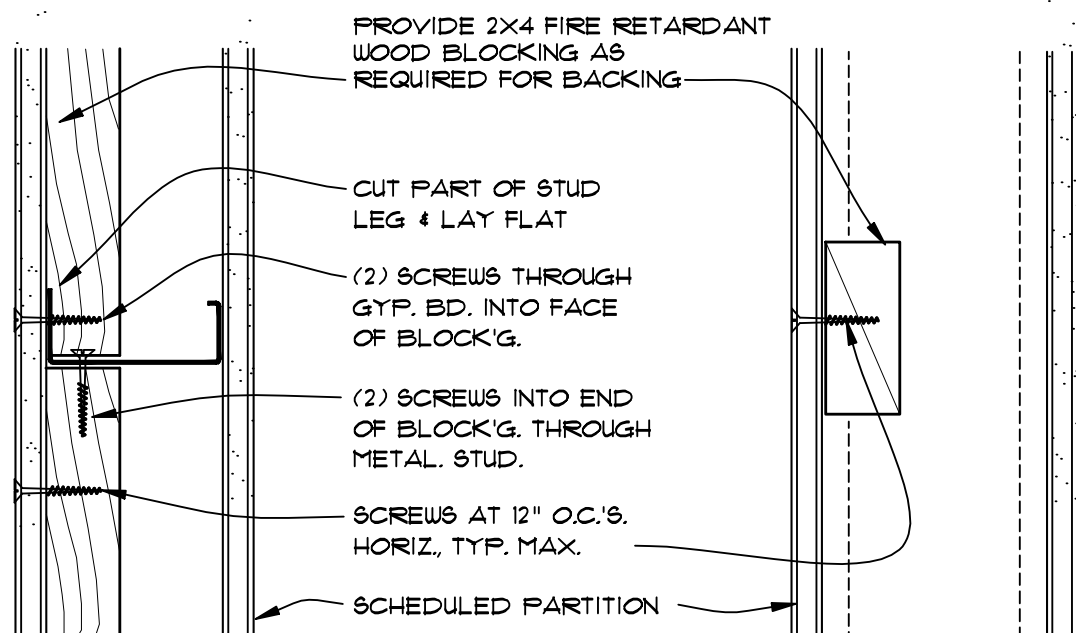


TYPICAL BUCK DETAILS
SCALE: NOT TO SCALE

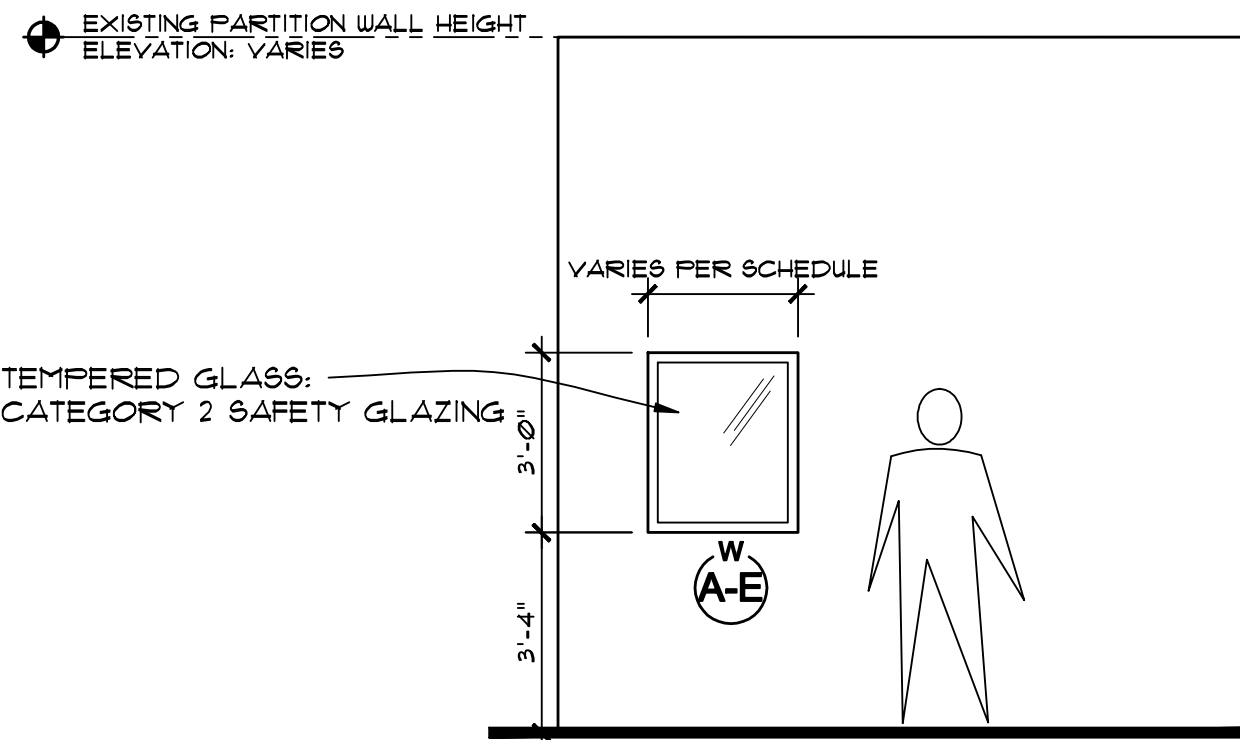
INTERIOR DOOR DETAIL
SCALE: NOT TO SCALE

GENERAL NOTE

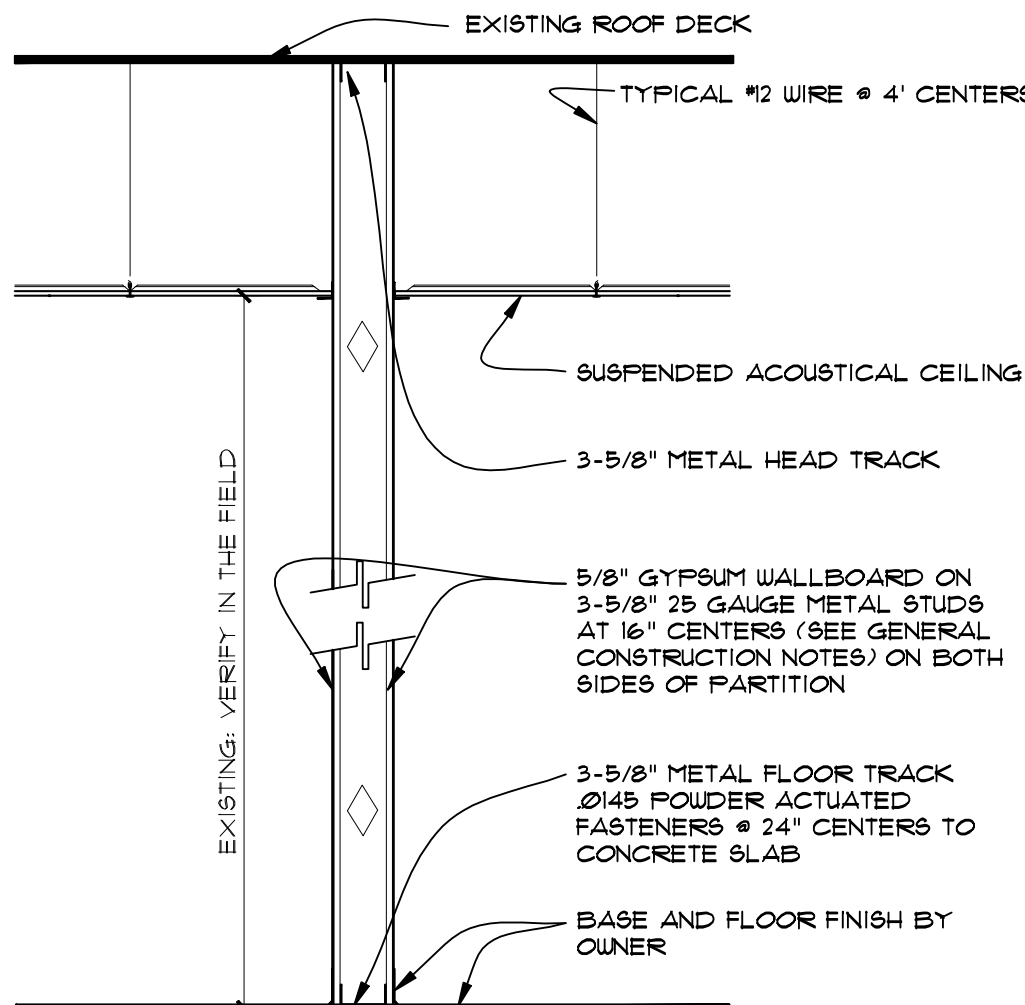
A MINIMUM 2 X 4 HORIZONTAL WOOD MEMBER, SECURELY FASTENED TO NOT LESS THAN TWO SUCH STUDS, SHALL BE INSTALLED FOR EACH WALL HUNG PLUMBING FIXTURE AND WALL CABINET.



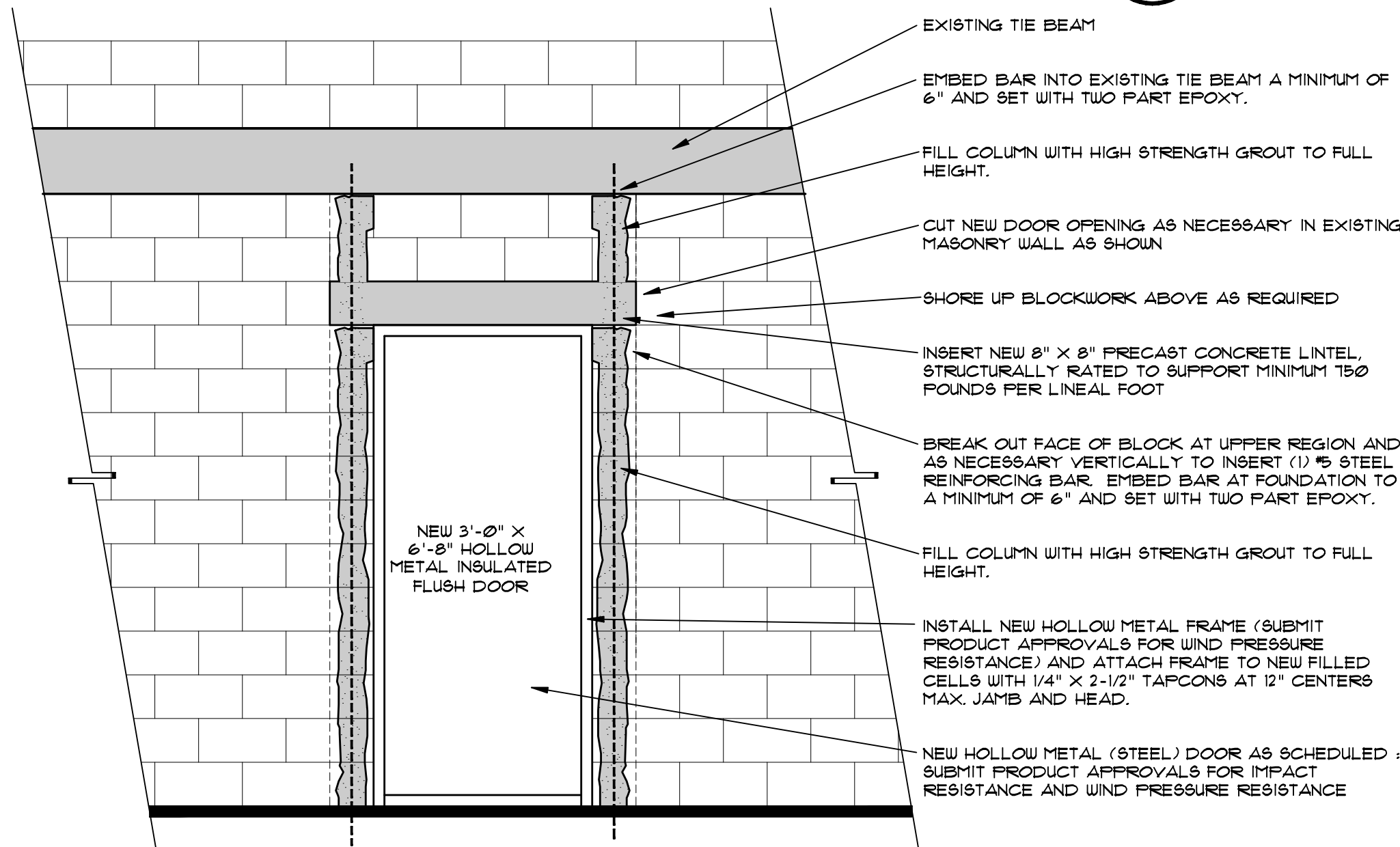
TYPICAL BLOCKING
SCALE: NOT TO SCALE



INTERIOR WINDOW ELEVATION
SCALE: NOT TO SCALE

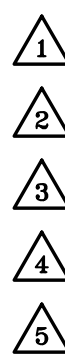


TYPICAL INTERIOR PARTITION
SCALE: NOT TO SCALE (NON-BEARING, NON-FIRE-RATED)



NEW DOOR IN EXISTING MASONRY
SCALE: NOT TO SCALE

Revisions:



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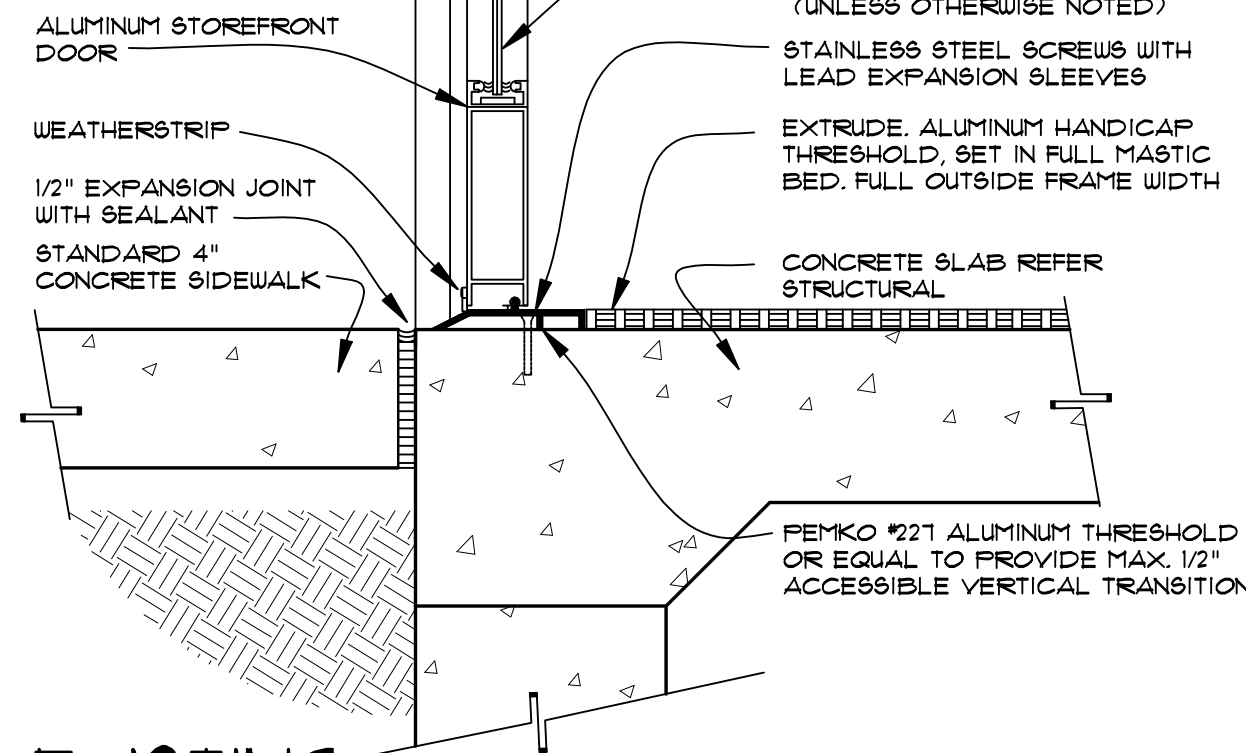
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EXTERIOR

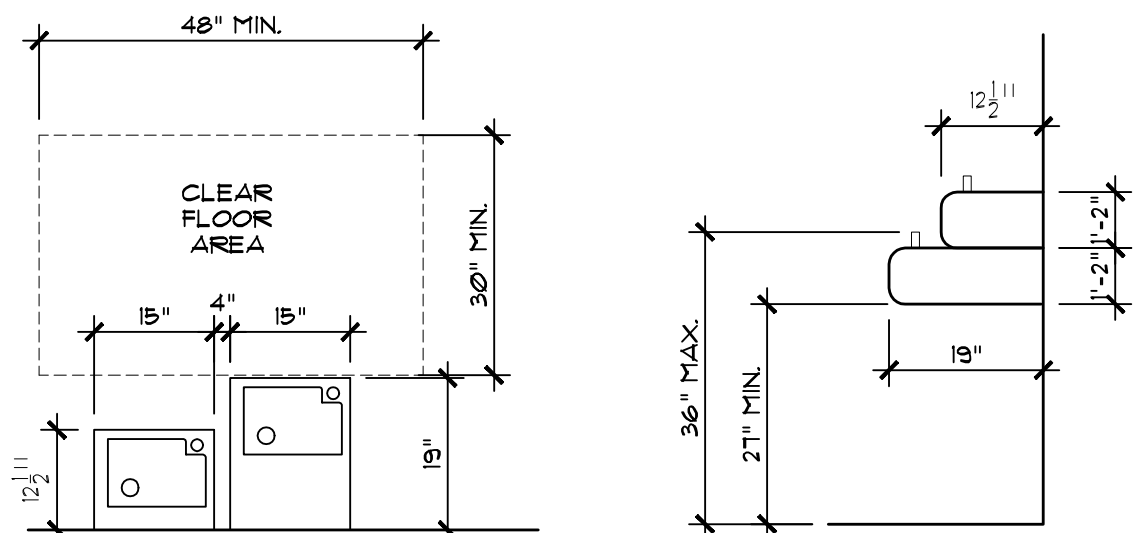
INTERIOR



EXISTING
ACCESSIBLE THRESHOLD

SCALE: NOT TO SCALE

5
A-3



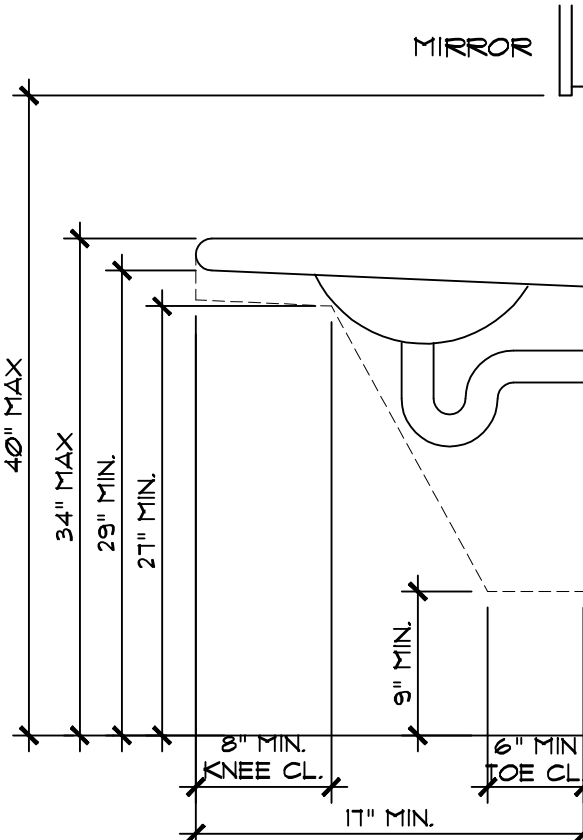
PLAN VIEW

SIDE VIEW

ACCESSIBLE
DRINKING FOUNTAIN

SCALE: NOT TO SCALE

4
A-3



LAVATORY CLEARANCE

GENERAL. THE FOLLOWING REQUIREMENTS SHALL APPLY TO LAVATORY FIXTURES, VANITIES, AND BUILT IN LAVS.

HEIGHT AND CLEARANCES. LAVS SHALL BE MOUNTED WITH THE RIM OR THE COUNTER SURFACE NO HIGHER THAN 34" AFF. PROVIDE A CLEARANCE OF AT LEAST 29" AFF. TO THE BOTTOM OF THE APRON.

CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE 30" X 48" IN FRONT OF A LAV TO ALLOW FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND A MAX. OF 19" UNDERNEATH THE LAV.

EXPOSED PIPES AND SURFACES. HOT WATER AND DRAIN PIPES UNDER LAVS. SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

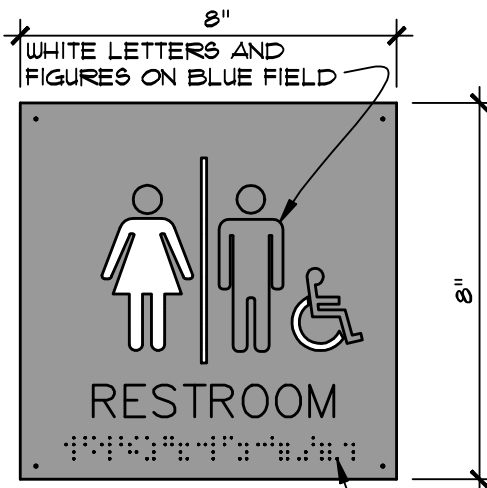
FAUCETS. FAUCETS SHALL COMPLY WITH FBC 427.4. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. IF SELF-CLOSING VALVES ARE USED THE FAUCET SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.

MIRRORS. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE NO HIGHER THAN 40" AFF.

SINK DETAIL

SCALE: NOT TO SCALE

3
A-3



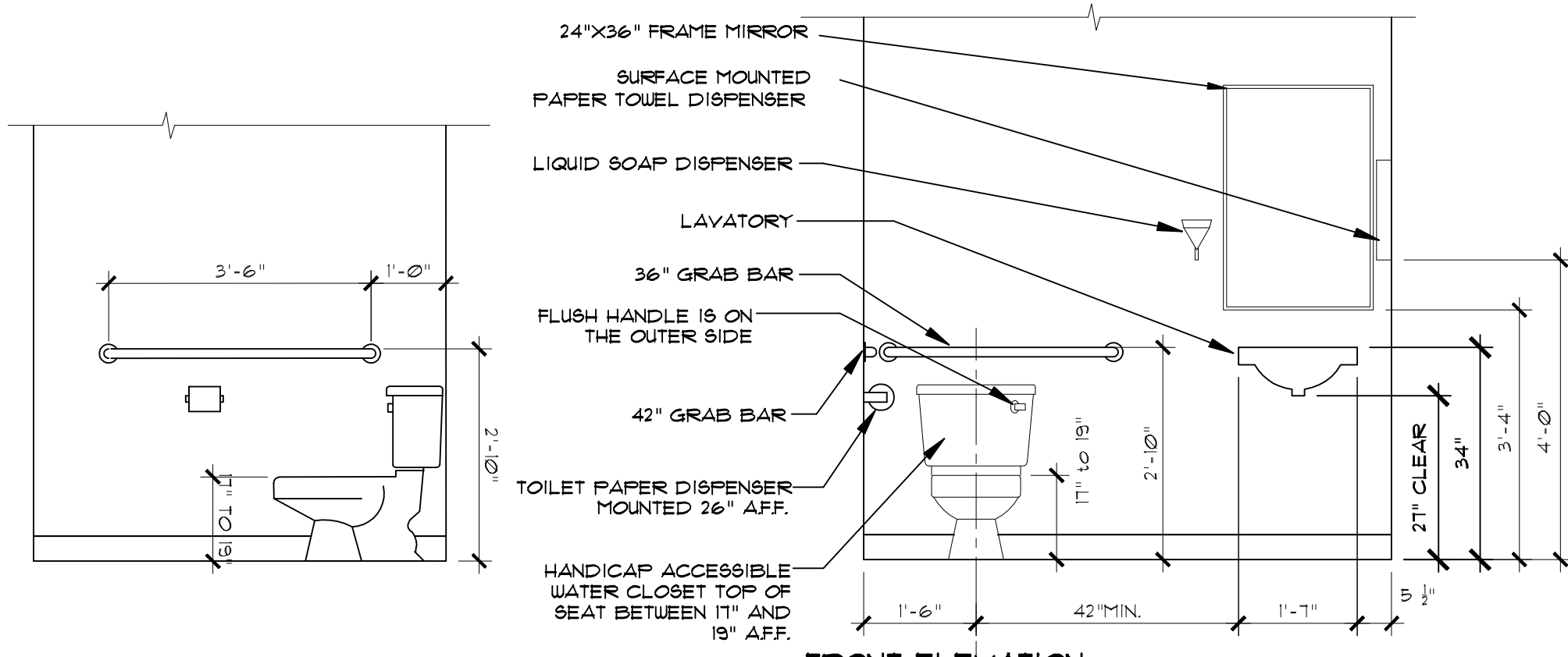
RAISED BRAILLE AT
BOTTOM OF SIGN

MOUNTING LOCATION AND HEIGHT
WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 111B.9.6. SIGN SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES (1524 MM) ABOVE THE FINISHED FLOOR TO THE CENTER LINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES (76 MM) WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.

ADA RESTROOM SIGN

SCALE: NOT TO SCALE

2
A-3



SIDE ELEVATION

FRONT ELEVATION

TYPICAL ACCESSIBLE RESTROOM

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

1
A-3

ELECTRICAL SYMBOL LEGEND

INDICATES TYPICAL DUPLEX 120 VOLT RECEPTACLE MOUNTED 42" AFF.

INDICATES TYPICAL DUPLEX 120 VOLT RECEPTACLE

INDICATES TYPICAL TELEPHONE OUTLET BY OTHERS

INDICATES TYPICAL DATA OUTLET BY OTHERS

INDICATES TYPICAL SWITCH

INDICATES WALL SCONCE

INDICATES SURFACED MOUNTED 24" X 48" FLUORESCENT 4-BULB FIXTURE WITH INTEGRAL BALLAST.

INDICATES POWER SUPPLY DISCONNECT RATED FOR VOLT/AMPS REQUIRED BY SPECIFIC EQUIPMENT; SEE MANUFACTURER'S SPECIFICATIONS

INDICATES ELECTRICAL PANEL

INDICATES THERMOSTAT

INDICATES 50 CFM EXHAUST FAN

INDICATES JUNCTION BOX FOR LIGHT AND FAN. PROVIDE REINFORCEMENT AND SUSPENSION FOR TYPICAL CEILING FAN

ELECTRICAL EMERGENCY LIGHT WITH BATTERY BACK-UP

ELECTRICAL EXIT/EMERGENCY LIGHT COMBO WITH BATTERY BACK-UP

INDICATES HVAC SUPPLY DIFFUSER

INDICATES HVAC RETURN AIR GRILLES

INDICATES JUMPER DUCTS

E INDICATES COMPONENT IS EXISTING

N INDICATES COMPONENT IS NEW

R INDICATES COMPONENT IS RELOCATED

RE INDICATES COMPONENT IS RELOCATED

EXISTING ONE HOUR FIRE RATED DEMISING PARTITION TO REMAIN AND BE REUSED. CONTRACTOR TO VERIFY. ADJACENT TENANT IS A ASSEMBLY (EL SHADDAI PENTECOSTAL HOLINESS CHURCH)

EXISTING EXTERIOR MASONRY WALL TO REMAIN AND BE REUSED.

31'-0"

8'-7"

3'-4"

12'-11"

3'-4"

8'-10"

26'-0"

30'-7"

EXISTING RTU-3

EXISTING RTU-1

EXISTING RTU-2

EXISTING JUNCTION BOX IN AT FACE OF BUILDING FOR SIGN AT BUILDING FASCIA CIRCUIT CONNECTED TO TIME CLOCK

31'-0"

A-10

EXISTING STOREFRONT WINDOWS, DOORS AND EXTERIOR WALL TO REMAIN AND BE REUSED.

2

E-1

LIGHTING PLAN

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

FAN SCHEDULE							
LABEL	MANUFACTURER AND MODEL NUMBER	CFM	MOUNTING	HP	DRIVE	VOLTAGE	NOTES
EF-1	BROAN 684 EXHAUST FAN EXISTING TO REMAIN	80	CEILING	---	DIRECT	120	---

EXISTING ONE HOUR FIRE RATED DEMISING PARTITION TO REMAIN AND BE REUSED. CONTRACTOR TO VERIFY. ADJACENT TENANT IS A ASSEMBLY (EL SHADDAI PENTECOSTAL HOLINESS CHURCH)

EXISTING EXTERIOR MASONRY WALL TO REMAIN AND BE REUSED.

31'-0"

8'-7"

3'-4"

12'-11"

3'-4"

8'-10"

26'-0"

30'-7"

BREAK ROOM

OFFICE

HOMWORK ROOM

AFTER SCHOOL ROOM

TUTOR ROOM

TUTOR ROOM

EXISTING STOREFRONT WINDOWS, DOORS AND EXTERIOR WALL TO REMAIN AND BE REUSED.

1

E-1

ELECTRICAL PLAN

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

Revisions:

1

2

3

4

5

Project Number

160602

CHILDREN'S WORLD DAYCARE

TENANT IMPROVEMENTS

331-333 STATE ROAD 7

MARGATE, FLORIDA 33068

Project Name

TENANT IMPROVEMENTS

STEPHEN BRASGALLA, ARCHITECT

STATE OF FLORIDA REGISTRATION NO. AR12239

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AS ISSUED FOR DRC APPROVAL 8-30-16

Drawn By: AMP

Checked By: STB

Scale: SHOWN

Date: 8-30-16

Project Number

160602

Sheet:

E - 1

ELECTRICAL NOTES

1. GENERAL: ALL WORK SHALL CONFORM TO THE LATEST APPROVED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL JURISDICTIONAL CODES.

THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND ANY APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, THE CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM, AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL THE OWNER HAS DIRECTED THE CORRECTIVE ACTION TO BE TAKEN.

THE CONTRACTOR SHALL COORDINATE THE PROPOSED LOCATIONS OF ALL ELECTRICAL MATERIALS AND EQUIPMENT WITH THE REPRESENTATIVES OF THE OTHER TRADES INVOLVED BEFORE STARTING INSTALLATION OF THOSE ITEMS.

COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES, CONDUIT, AND SLEEVES TO BE SET IN CAST-IN-PLACE CONCRETE AND OTHER STRUCTURAL COMPONENTS, AS THEY ARE CONSTRUCTED.

UNLESS OTHERWISE SPECIFIED ON THE PLANS, ALL SPECS ARE NOT INTENDED TO BE PROPRIETARY; SUBSTITUTIONS WILL BE ACCEPTABLE FOR EQUAL RATED AND LISTED UNITS.

2. SCOPE: EXCEPT WHERE OTHERWISE SPECIFICALLY INDICATED ON THE DRAWINGS BY "FUTURE", "BY OTHERS", OR BY A SIMILAR NOTATION, IT IS THE INTENT THAT THE CONTRACTOR FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TOOLS NECESSARY TO PROVIDE ALL SYSTEMS IN COMPLETE AND OPERATING CONDITION.

3. EXCAVATE AS NECESSARY FOR THE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT. VERIFY THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES OR STRUCTURES BEFORE EXCAVATING AND EXERCISE CARE TO AVOID DAMAGE TO SUCH ITEMS DURING EXCAVATION. BACKFILL WITH EARTH FREE OF LARGE CLODS, LARGE STONES AND FOREIGN DEBRIS, DEPOSITED IN 6" LAYERS AND COMPACTED TO A DENSITY OF NOT LESS THAN THAT OF THE SURROUNDING UNDISTURBED MATERIAL.

4. MATERIALS: THE MATERIALS AND EQUIPMENT FURNISHED SHALL BE AS INDICATED ON THE DRAWINGS; SUBSTITUTIONS SHALL NOT BE MADE EXCEPT WHERE EXPRESSLY APPROVED BY THE OWNER OR HIS REPRESENTATIVE PRIOR TO STARTING INSTALLATION OF THE ITEMS. THE ELECTRICAL MATERIALS AND EQUIPMENT FURNISHED SHALL BE LISTED OR LABELED BY UNDERWRITERS LABORATORIES OR OTHER RECOGNIZED TESTING ORGANIZATION, AND SHALL BE ACCEPTABLE TO THE LOCAL BUILDING AUTHORITY.

5. GROUNDING: GROUNDING SHALL BE IN ACCORDANCE WITH ARTICLE 250, NEC.

6. CONDUITS: PROVIDE CONDUITS WHERE CALLED FOR ON PANEL SCHEDULES; ELECTRICAL METALLIC TUBING (EMT) SHALL BE INSTALLED ONLY IN DRY LOCATIONS, IN CONCRETE ABOVE GRADE, AND WHERE NOT SUBJECT TO PHYSICAL DAMAGE.

CONDUITS INSTALLED UNDERGROUND SHALL BE POLYVINYLCHLORIDE (PVC) AND SHALL NOT BE SMALLER THAN 3/4" TRADE SIZE, WHERE PVC CONDUIT IS INSTALLED UNDERGROUND; ELBOWS TURNING UP AND CONDUIT EMERGING ABOVE GRADE SHALL BE RSC. THE TOPS OF CONDUITS SHALL NOT BE LESS THAN 24" BELOW FINISHED GRADE. PVC CONDUIT INSTALLED ABOVE GRADE OR DIRECT-BURIED IN EARTH SHALL BE NEMA TC2 TYPE EPC-40-PVC (SCHEDULE 40) EXCEPT THAT WHERE UNDER AREAS SUBJECT TO HEAVY VEHICULAR TRAFFIC, IT SHALL BE NEMA TC2 TYPE EPC-80-PVC (SCHEDULE 80).

ALL ARMOR CLAD CABLE (AC CABLE) WIRING SHALL MEET OR EXCEED ALL NEC, OSHA AND HUD STANDARDS.

7. CONDUCTORS: CONDUCTORS SHALL BE AS SCHEDULED ON PANEL SCHEDULES. ALL POWER CONDUCTORS SHALL NOT BE SMALLER THAN #14 AWG (CU) OR #12 AWG (AL). CONTROL CIRCUIT CONDUCTORS SHALL NOT BE SMALLER THAN #18 AWG CU. CONDUCTORS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET WITHOUT SPLICES EXCEPT WITHIN WIREWAY OR JUNCTION BOXES. MARK CONDUCTORS IN PANELS, PULL BOXES OR WIREWAYS AND TERMINAL STRIP TERMINALS FOR IDENTIFICATION OF CIRCUITS; CONDUCTORS SHALL BE JOINED USING COMPRESSION SPLICES, EXCEPT THAT CONDUCTORS #10 AND SMALLER MAY BE JOINED USING WIRE NUT TYPE CONNECTORS. CONDUCTORS SHALL BE TERMINATED USING COMPRESSION OR PRESSURE TYPE TERMINAL LUGS, OR IN PRESSURE TERMINALS. COMPRESSION SPLICES USED ON CONDUCTORS #10 AWG AND SMALLER SHALL BE THE SELF-INSULATED TYPE; OTHER SPLICES SHALL BE INSULATED USING 3M 53+ OR #88 PLASTIC TAPE. SPLICES IN WET LOCATIONS SHALL BE INSULATED WITH ELECTRICAL TAPE AND ENCAPSULATED WITH SCOTCHCAST OR EQUAL POTTING COMPOUND.

8. PROVIDE AND INSTALL JUNCTION AND PULL BOXES WHERE INDICATED AND WHERE NECESSARY TO TERMINATE, TAP OFF, OR REDIRECT MULTIPLE CONDUIT RUNS, OF SIZE INDICATED OR AS REQUIRED BY NEC WHERE FEEDER SPLICES ARE TO BE MADE, INSTALL BOXES LARGE ENOUGH TO PROVIDE AMPLE WORK SPACE.

9. LIGHTING FIXTURES: LIGHTING FIXTURES SHALL BE AS INDICATED ON THE DRAWINGS, AND SHALL BE INSTALLED COMPLETE WITH LAMPS.

FIXTURES WITH ADJUSTMENTS AFFECTING LIGHT DISTRIBUTION SHALL BE SET TO PROVIDE THE REQUIRED LIGHT PATTERNS PRIOR TO THE FINAL DEMONSTRATION TEST.

10. TESTS: AFTER EACH SYSTEM HAS BEEN COMPLETED, A FUNCTIONAL TEST SHALL BE PERFORMED TO DEMONSTRATE THAT THE SYSTEM OPERATES IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS. THE TEST SHALL BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF THE OWNER OR HIS REPRESENTATIVE.

11. TERMINALS: ALL ELECTRICAL EQUIPMENT FURNISHED ON THIS PROJECT IS TO HAVE TERMINALS RATED FOR 15' C. OPERATION.

REDEVELOPED BRANCH CIRCUIT PANEL "A"

MAIN:	200 AMP / 3 PHASE, 4 WIRE										VOLTAGE: 120/208V, 3ø, 4 WIRE				
SPEC:	POWERMASTER										LOCATION: NORTH REAR HALLWAY				
MOUNTING:	FLUSH, TYPE NEMA 1 ENCLOSURE										AIC SYMM: 10,000 MINIMUM				
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT	A PHASE KW	B PHASE KW	C PHASE KW	CKT	TRIP	COND.	GND.	WIRE	DESCRIPTION	
NORTH OFFICES RECEPTACLES	#12	#12	1/2"	20	1	---	---	---	---	2	20	1/2"	#12	#12 LIGHTING	
GENERAL RECEPTACLE	#12	#12	1/2"	20	3	---	---	---	---	4	20	1/2"	#12	#12 FAN'S	
CENTER OFFICE RECEPTACLES	#12	#12	1/2"	20	5	---	---	---	---	8	---	---	---	---	
GENERAL LIGHTING	#12	#12	1/2"	20	7	---	---	---	---	8	20	1/2"	#12	#12 BATH GFCI	
SPARE	#12	#12	1/2"	30	9	---	---	---	---	10	20	1/2"	#12	#12 SIGN CIRCUIT	
BATHROOM LIGHTING AND FAN	---	---	---	---	11	---	---	---	---	50	3	1/2"	#12	#12	
					12	---	---	---	---						
					13	---	---	---	---						
FRONT RTU	#12	#12	1/2"	30	14	---	---	---	---	18	30	2	1/2"	#12	#12
					15	---	---	---	---						
					16	---	---	---	---						
GFCI UTILITY RECEPTACLES	---	---	---	---	21	---	---	---	---	22	50	1/2"	#12	#12	SPACE
BLANK	---	---	---	---	23	---	---	---	---	24	---	---	---	---	---
BLANK	---	---	---	---	25	---	---	---	---	26	---	---	---	---	---
BLANK	---	---	---	---	27	---	---	---	---	28	---	---	---	---	---
BLANK	---	---	---	---	29	---	---	---	---	30	---	---	---	---	---

SHADING INDICATES MODIFIED CIRCUITS

REDEVELOPED BRANCH CIRCUIT PANEL "B"

MAIN:	200 AMP / 3 PHASE, 4 WIRE										VOLTAGE: 120/208V, 3ø, 4 WIRE				
SPEC:	POWERMASTER										LOCATION: SOUTH REAR HALLWAY				
MOUNTING:	FLUSH, TYPE NEMA 1 ENCLOSURE										AIC SYMM: 10,000 MINIMUM				
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT	A PHASE KW	B PHASE KW	C PHASE KW	CKT	TRIP	COND.	GND.	WIRE	DESCRIPTION	
WATER HEATER	#12	#12	1/2"	20	1	---	---	---	---	2	20	1/2"	#12	#12 LIGHTING	
DRINKING FOUNTAIN	---	---	---	---	3	---	---	---	---	4	20	1/2"	#12	#12 FAN'S	
REFRIGERATOR	---	---	---	---	5	---	---	---	---	6	20	1/2"	#12	#12 GENERAL RECEPTACLE	
SPARE	---	---	---	---	7	---	---	---	---	8	20	1/2"	#12	#12 BATH GFCI	
GENERAL RECEPTACLES	---	---	---	---	20	9	---	---	---	10	20	1/2"	#12	#12 SHOW WINDOW RECEPT	
GENERAL RECEPTACLES	---	---	---	---	11	---	---	---	---	12	20	1/2"	#12	#12 SIGNAGE	
GENERAL RECEPTACLES	---	---	---	---	13	---	---	---	---	14	50 3	1/2"	#12	#12 RTU-3	
BATHROOM LIGHTING AND FAN	---	---	---	---	15	---	---	---	---	16					
BLANK	---	---	---	---	17	---	---	---	---	18	20	1/2"	#12	#12 GFCI UTILITY RECEPT	
BLANK	---	---	---	---	19	---	---	---	---	20	20	1/2"	#12	#12 GFCI UTILITY RECEPT	
BLANK	---	---	---	---	21	---	---	---	---	22	---	---	---	BLANK	
BLANK	---	---	---	---	23	---	---	---	---	24	---	---	---	BLANK	
BLANK	---	---	---	---	25	---	---	---	---	26	---	---	---	BLANK	
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BLANK	---	---	---	---	29	---	---	---	---	30	---	---	---	BLANK	

SHADING INDICATES MODIFIED CIRCUITS

NOTE

ALL RECEPTACLES SHALL COMPLY WITH NEC 2011 EDITION ARTICLE 406.11 REGARDING TAMPER PROOF RECEPTACLES.

NOTE

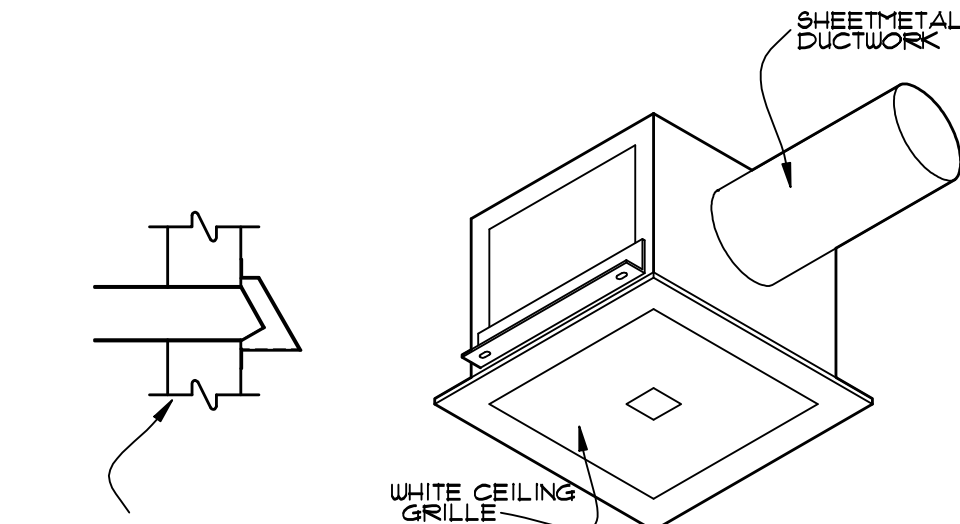
ELECTRICAL INSTALLATION SHALL COMPLY WITH NEC 2011 EDITION ARTICLE 220.84 (A) THRU (C).

NOTE:

EXTERIOR SIGNAGE J-BOX SHALL BE ON A 20 AMP CIRCUIT WITH NO OTHER LOADS.

NOTE:

ANY BREAKER THAT CONTROLS AN EXIT SIGN AND/OR EMERGENCY LIGHT SHALL BE IDENTIFIED. EMERGENCY LIGHTS SHALL BE ON THE NEAREST LIGHTING CIRCUIT.

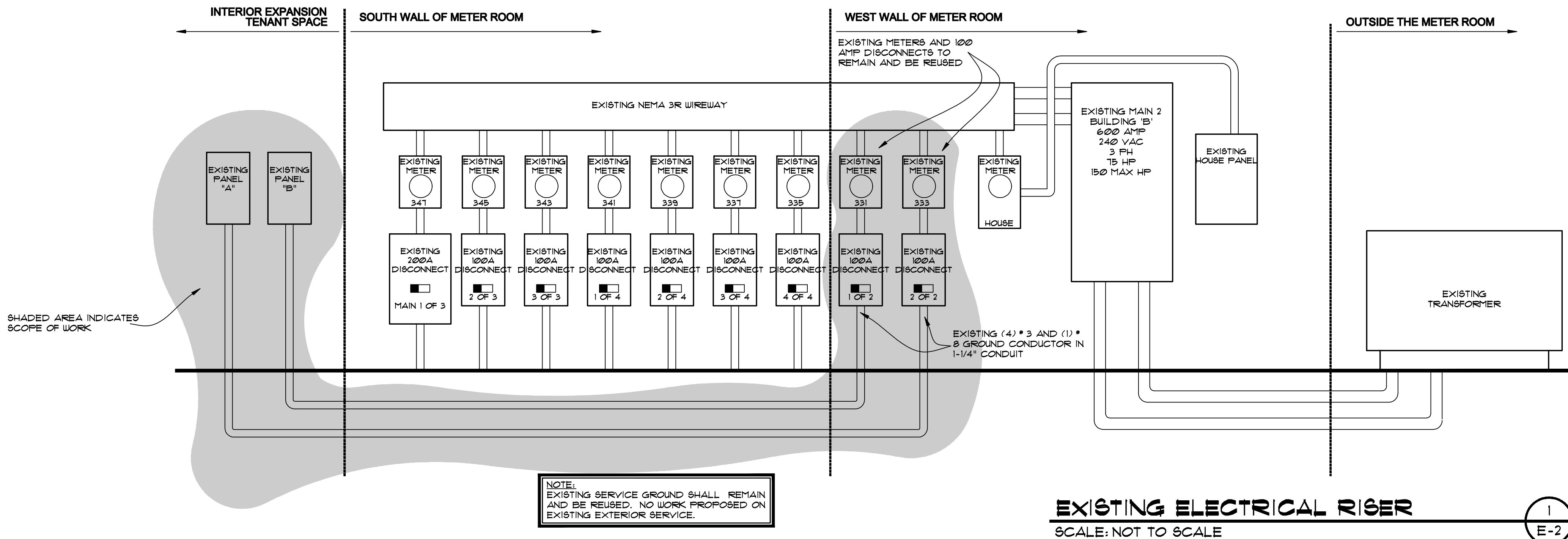


EXHAUST FAN DETAIL

SCALE: NOT TO SCALE

2

E-2



EXISTING ELECTRICAL RISER

SCALE: NOT TO SCALE

1

E-2

Revisions:

1

2

3

4

5

Project Number

160602

CHILDREN'S WORLD DAYCARE

TENANT IMPROVEMENTS

331-333 STATE ROAD 7

MARGATE, FLORIDA 33068

Project Name

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STEPHEN BRASGALLA, ARCHITECT

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AS ISSUED FOR DRC APPROVAL 8-30-16

Drawn By: AMP

Checked By: STB

Scale: SHOWN

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160602

Sheet:

E - 2

PLANT LEGEND				
SYMBOL	NAME	HEIGHT	SPREAD	REMARKS
	LIVE OAK	EXISTING	EXISTING	
	PALM TREE	EXISTING	EXISTING	
	COCO PLUM FLORIDA GRADE #1	EXISTING	EXISTING	

NOTES:

1. THERE IS A FULLY OPERATIVE IRRIGATION SYSTEM WITH 100% OVERLAP AND A RAIN SENSOR.
2. ALL HEADS ARE K RAIN.

PLANTING NOTES

ALL PLANT MATERIAL TO BE FLORIDA #1 OR BETTER. SOD TO BE ST. AUGUSTINE FLORATAM; CONTRACTOR TO DETERMINE QUANTITY. ALL SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE FROM AUTOMATIC IRRIGATION SYSTEM USING APPROVED WATER SOURCE WITH 100% COVERAGE AND 50% OVERLAP WITH RAIN SENSORS. CONTRACTOR RESPONSIBLE FOR ALL CONDITIONS AND LANDSCAPE SPECIFICATIONS ATTACHED TO THIS PLANT LIST. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS. MULCH, TOPSOIL, AND FERTILIZER TO BE APPLIED ACCORDING TO SPECIFICATIONS.

SPECIFICATIONS:

NOMENCLATURE: ALL PLANT MATERIAL USED SHALL BE TRUE TO NAME AND SIZE IN CONFORMITY WITH THE FLORIDA NURSERYMEN'S GRADES AND STANDARDS, AND SHALL BE FLORIDA GRADE #1 OR BETTER. PLANTS WHICH DO NOT MEET SPECIFICATIONS WILL NOT BE ACCEPTED.

PLANT LISTS: QUANTITIES, SIZES, AND LOCATION OF PLANTS WILL BE DETERMINED BY PLAN AND PLANT LISTS. SIZE OF PLANT SHALL TAKE PRECEDENT OVER CONTAINER SIZE. SPACING OF GROUND COVERS WILL BE DETERMINED BY PLANT LISTS. QUANTITIES SHOWN ON PLANT LISTS ARE TO BE USED AS A GUIDELINE ONLY. CONTRACTOR WILL BE RESPONSIBLE FOR VERIFICATION OF ACTUAL QUANTITIES CALLED FOR ON PLANS. DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.

SUBSTITUTIONS: NO SUBSTITUTIONS SHALL BE ACCEPTED WITHOUT CONSENT OF LANDSCAPE ARCHITECT. ANY INTENDED SUBSTITUTIONS SHALL BE DETAILED ON THE BID.

PLANTING SOIL: TOPSOIL SHALL BE CLEAN, STERILE, AND FREE OF DEBRIS OR OTHER FOREIGN MATERIAL. TREES AND PALMS SHALL BE PLANTED WITH A MIN. OF 8" TOPSOIL (50% MUCK 50% SAND) ON SIDES AND BOTTOM OF ROOT BALL. ROOTED CUTTINGS SHALL BE PLANTED IN BEDS WITH A MIN. OF 4" OF TOPSOIL WORKED INTO THE TOP 6" OF EXISTING SOIL.

FERTILIZER: MILOORGANITE FERTILIZER SHALL BE APPLIED AFTER PLANTING AND PRIOR TO MULCHING AT THE MANUFACTURER'S RECOMMENDED APPLICATION RATES. IN ADDITION, AGRIFORM TABLETS (FORMULA 20-10-5) SHALL ALSO BE APPLIED AT THE MANUFACTURER'S RECOMMENDED RATES TO ALL PLANTS LARGER THAN 3 GAL. SIZE.

MULCH: ALL TREES SHALL BE MULCHED WITH 3" OF SHREDDED CYPRESS IN A 3 FOOT DIA. CIRCLE. ALL SHRUBS AND GROUNDCOVER BEDS SHALL BE MULCHED WITH 3" OF SHREDDED CYPRESS IN BEDS SHOWN ON PLAN OR IN BEDS 3' WIDE FOR HEDGES.

PLANTING PROCEDURE: ALL PLANTS SHALL BE PLANTED AT SOIL LEVELS AT WHICH THEY WERE PREVIOUSLY GROWN. SHRUB AND HEDGE MATERIAL SHALL BE PLANTED A MIN. 2' AWAY FROM WALLS OR OTHER OBSTRUCTIONS. MATERIAL WITH A MATURE SIZE GREATER THAN ANY OVERHANGS SHALL BE PLANTED AWAY FROM OVERHANGS SO AS NOT TO IMPED THE NATURAL GROWTH HABIT. SABAL PALMS ARE TO BE PLANTED DIRECTLY IN SAND. IF NECESSARY, EXCAVATE THROUGH ANY COMPACTED BUILDING SUBGRADE TO UNDISTURBED SOIL, AND BACKFILL WITH PLANTING SOIL.

WATERING: ALL PLANT MATERIAL SHALL BE WATERED IN THOROUGHLY AFTER INSTALLATION SO AS TO REMOVE ALL AIR POCKETS. B4B MATERIAL SHALL BE WATERED EVERY DAY FOR A MINIMUM ONE WEEK PERIOD, AND THEREAFTER SO AS TO KEEP CONTINUALLY MOIST UNTIL FINAL ACCEPTANCE OF THE LANDSCAPE INSTALLATION. CONTRACTOR SHALL NOTIFY OWNER OF OTHER WATERING REQUIREMENTS AFTER INSTALLATION.

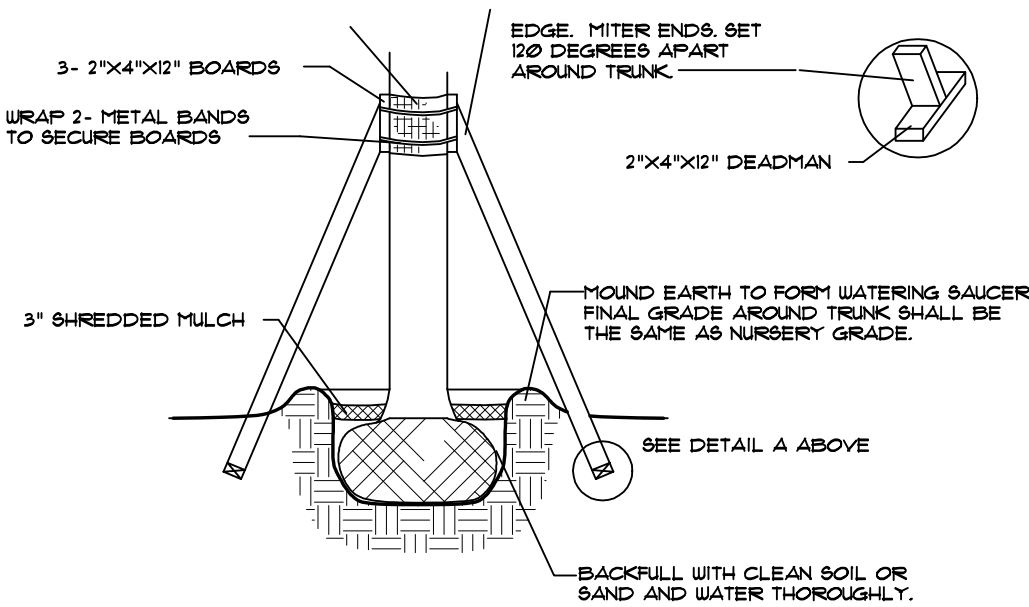
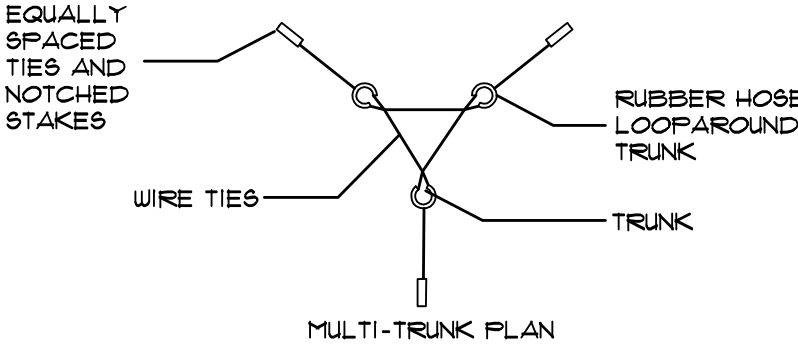
GUYS: ALL TREES 8' OR TALLER SHALL BE GUYYED OR STAKED TO PROVIDE AMPLE SUPPORT SUCH THAT THE MATERIAL WILL STAY STRAIGHT AND TRUE THROUGH THE GUARANTEE PERIOD. METHODS USED WILL BE SUCH THAT NO DAMAGE IS CAUSED TO PLANTS. GUYS SHALL BE DONE AT THE OPTION OF THE CONTRACTOR UNLESS SPECIFICALLY REQUESTED BY THE LANDSCAPE ARCHITECT, HOWEVER, CONTRACTOR SHALL STILL BE RESPONSIBLE FOR ALL TREES AND PALMS REMAINING WILL STAY STRAIGHT AND TRUE THROUGH THE GUARANTEE PERIOD.

SOD: SOD SHALL BE DENSE, GREEN, AND WELL ROOTED, AND FREE OF DEBRIS, WEEDS, OBJECTIONAL GRASSES, DISEASE, OR INFESTIOUS INSECTS. A COMPLETE 6-6-16 FERTILIZER SHALL BE SPREAD AT A RATE OF 5 LBS. PER 1000 SQ. FT. SOD SHALL BE WATERED TO A DEPTH OF 4" AFTER LAYING. ALL AREAS TO BE SODDED SHALL BE RAKED SMOOTH AND ALL DEBRIS REMOVED PRIOR TO INSTALLATION.

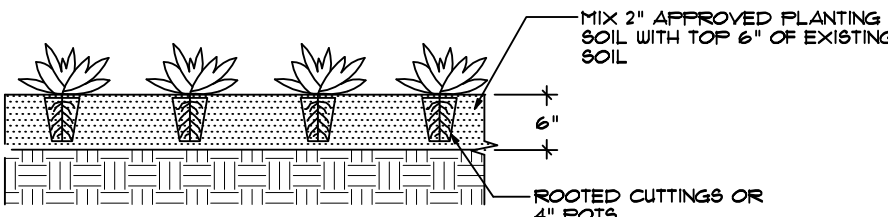
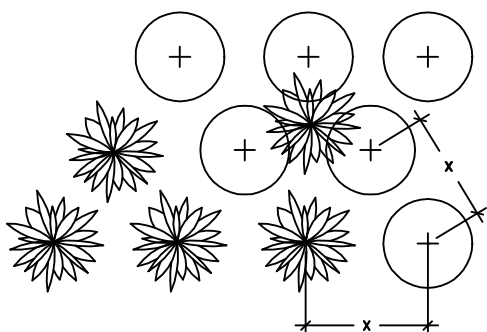
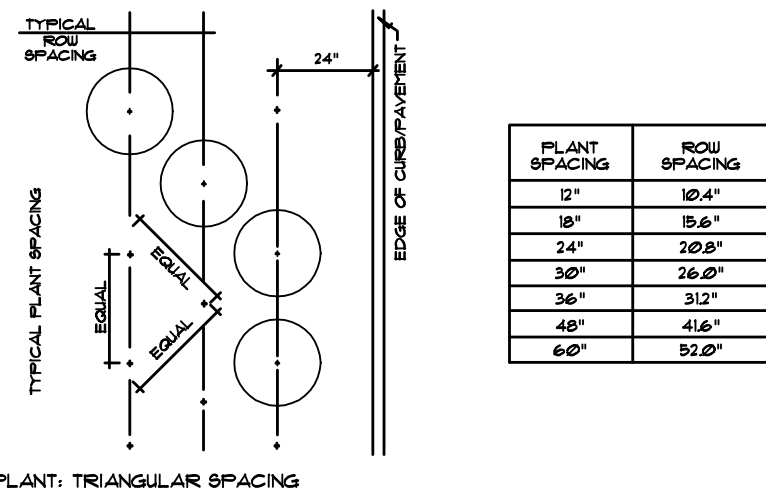
GUARANTEE: ALL PLANT MATERIALS SHALL BE GUARANTEED FOR 1 YEAR AFTER COMPLETION OF PROJECT. PALMS ARE TO BE GUARANTEED FOR 1 YEAR. GUARANTEE APPLIES TO HEALTH, POSITION, AND SIZE. REPLACEMENT COST WILL BE CARRIED BY CONTRACTOR.

PLANTING DETAILS

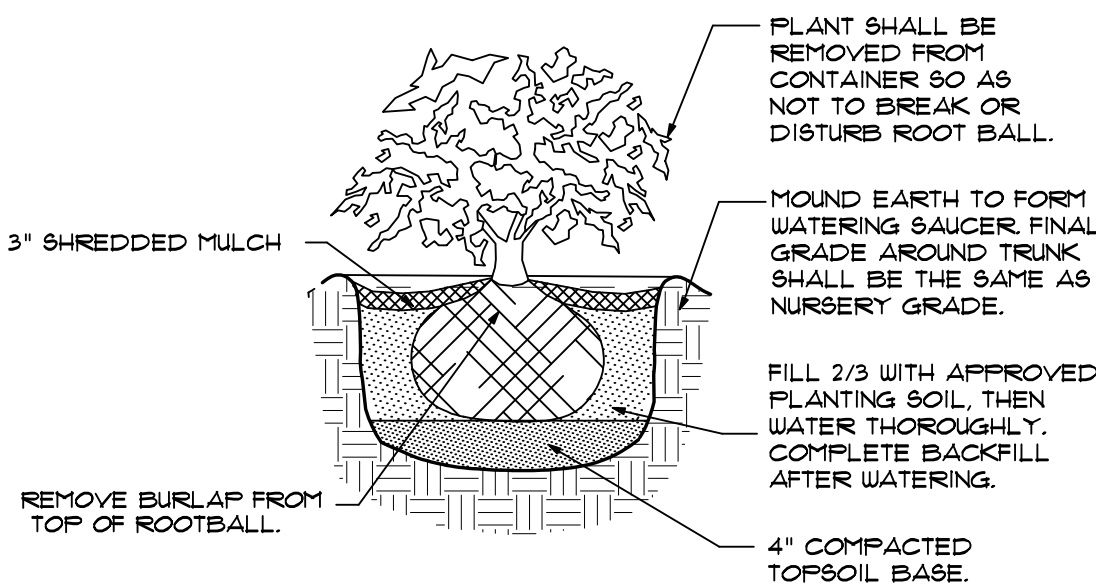
NOTE:
STAGINGS TO BE USED ONLY WHEN GUYYING OR BRACING IS NOT POSSIBLE, AS FOR EXAMPLE WHEN PLANTING IS ADJACENT TO PAVEMENT



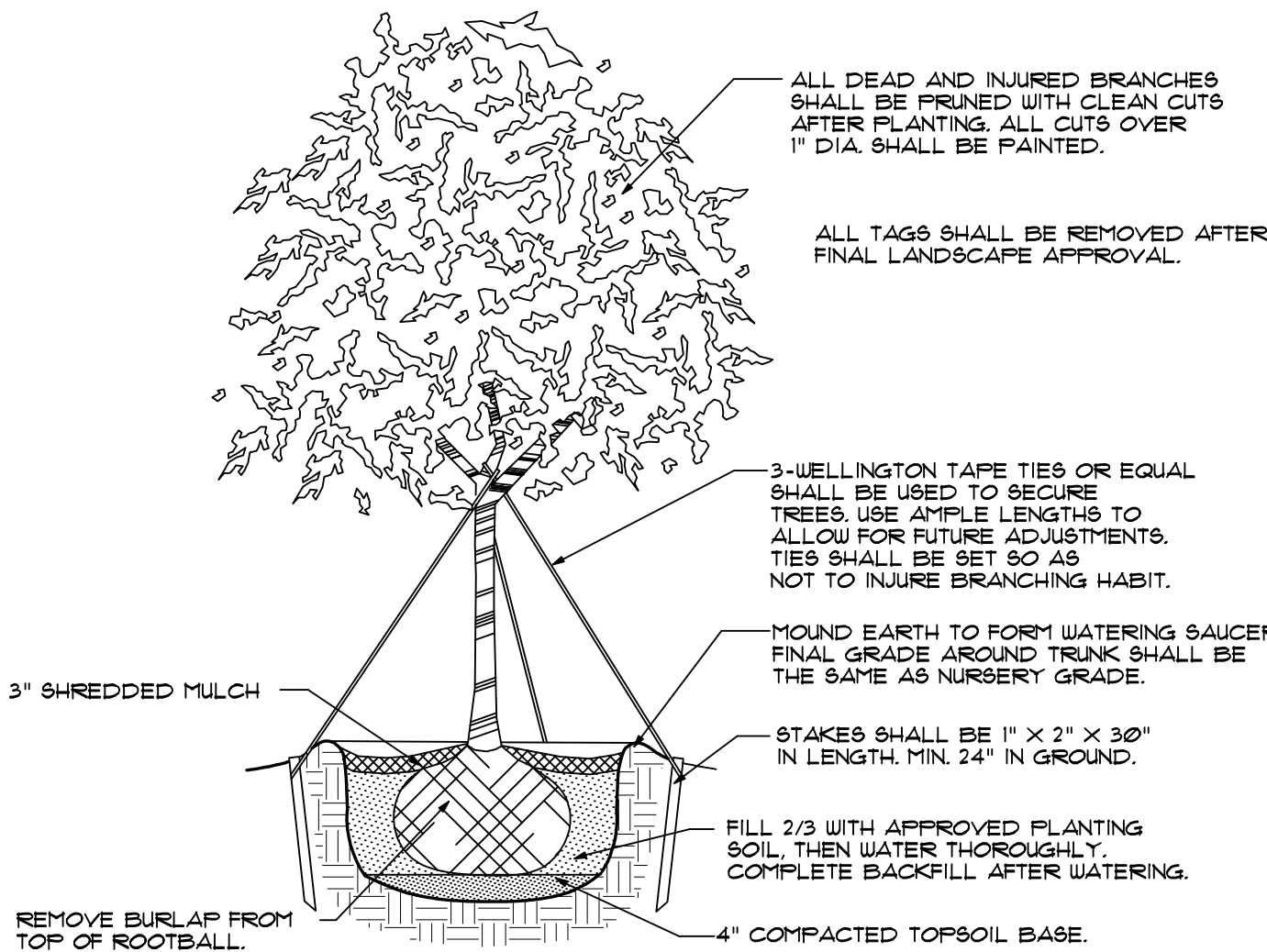
PLANTING AND STAKING DETAIL-PALMS



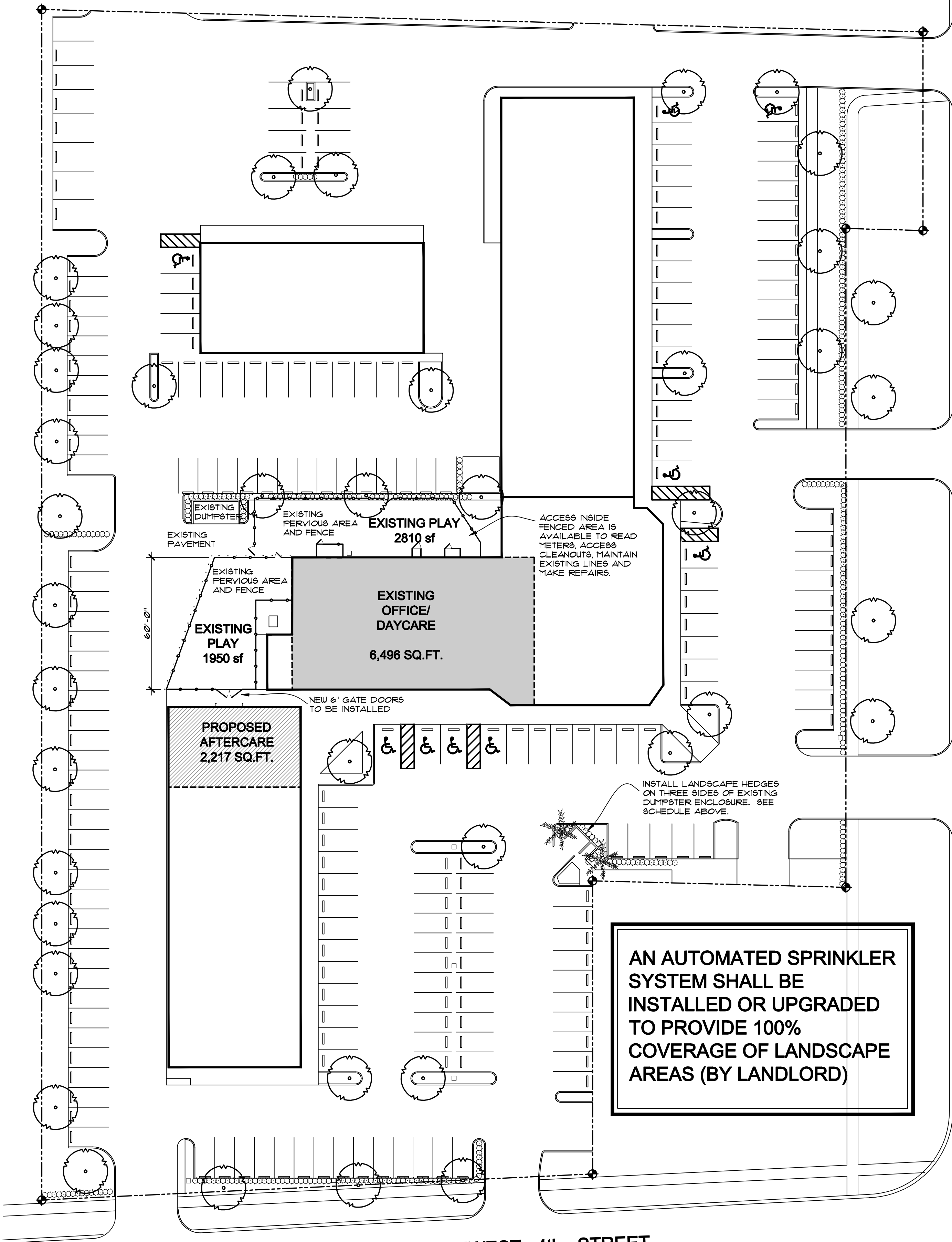
PLANTING DETAIL-GROUNDCOVER BEDS



SHRUB PLANTING DETAIL



PLANTING AND STAKING DETAIL-UP TO 6" CALIPER



SOUTHWEST 4th STREET

LANDSCAPE PLAN

SCALE: 1" = 30'-0"



Revisions:

- 1
- 2
- 3
- 4
- 5

Project Number

160602

CHILDREN'S WORLD DAYCARE

TENANT IMPROVEMENTS

331-333 STATE ROAD 7
MARGATE, FLORIDA 33068

Project Name

TENANT IMPROVEMENTS

STEPHEN BRASGALLA, ARCHITECT

STATE OF FLORIDA
REGISTRATION NO. AR12239

6991 WEST BROWARD BOULEVARD
SUITE 100
PLANTATION, FLORIDA 33317

TELEPHONE 954.614.3801
TELEFAX 954.208.0800

ARCHITECTURE & DESIGN 23, INC.

AS ISSUED FOR
DRC APPROVAL
8-30-16

Drawn By:

AMP

Checked By:

STB

Scale:

SHOWN

Date:

8-30-16

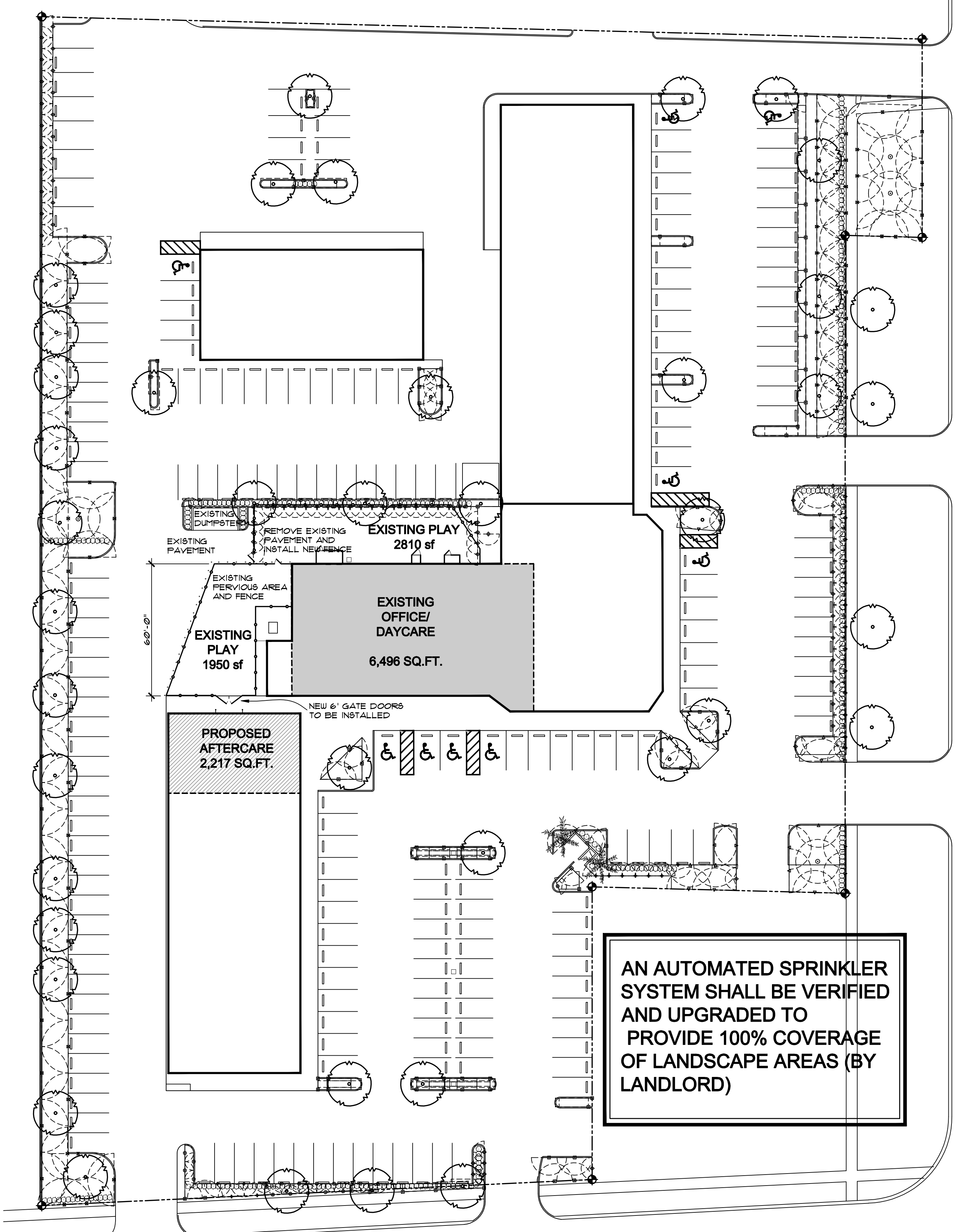
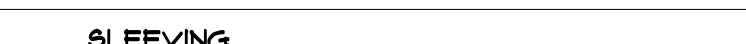
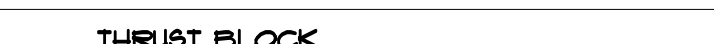
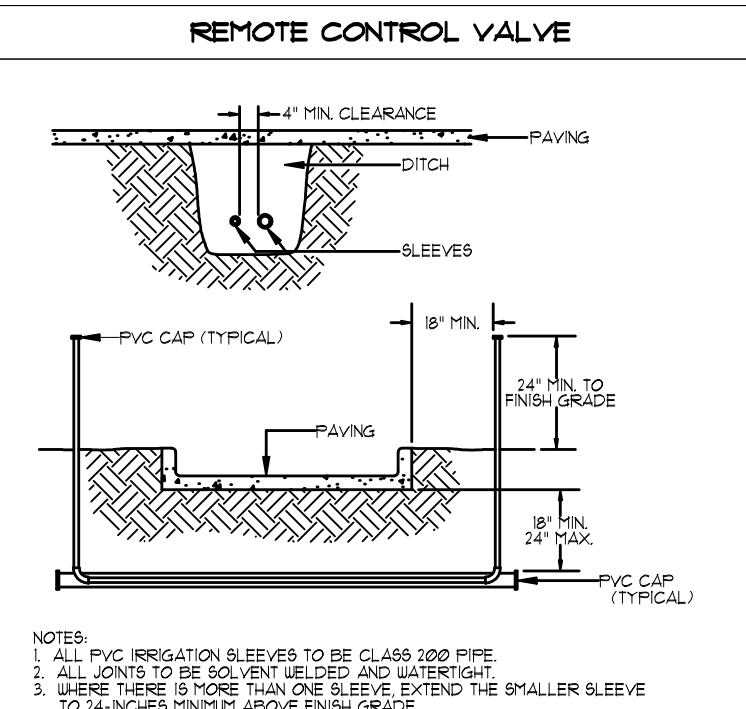
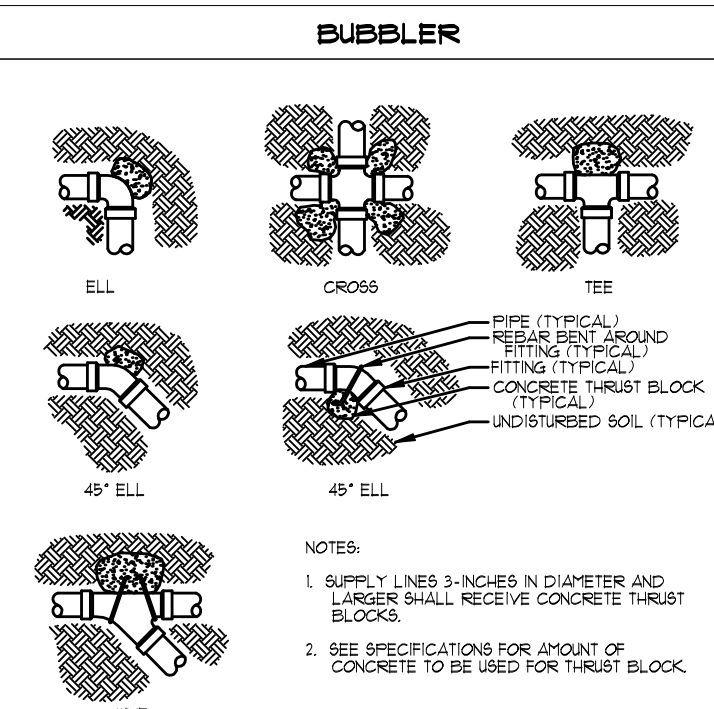
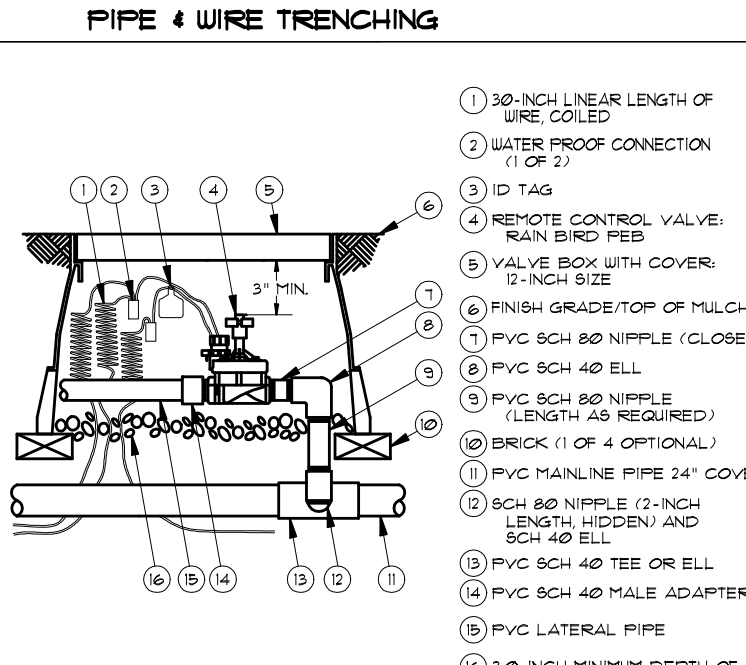
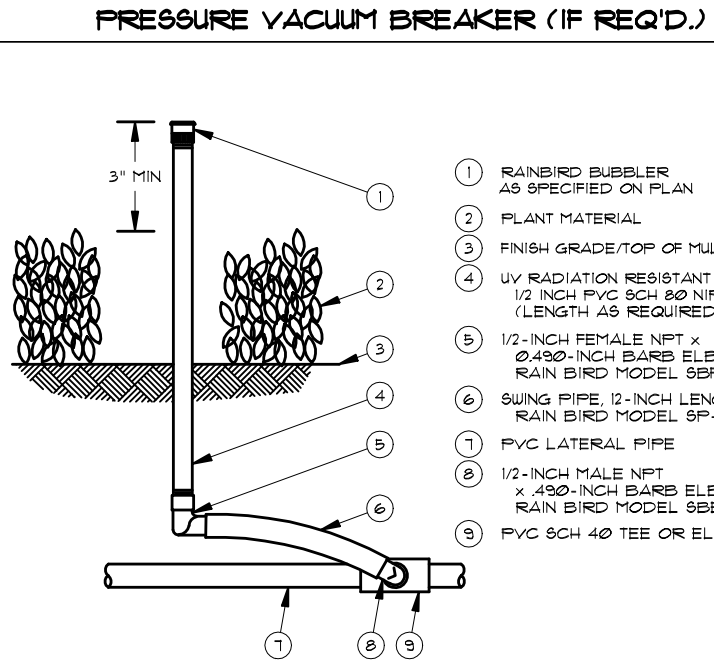
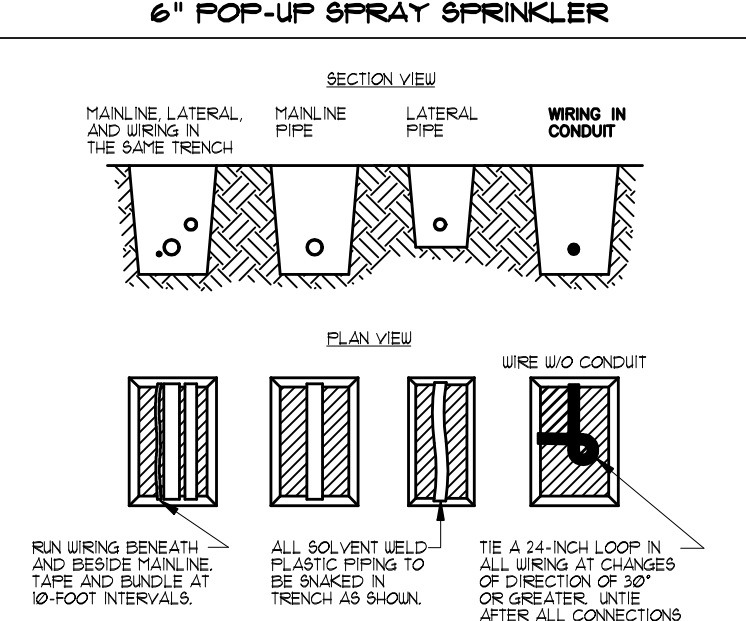
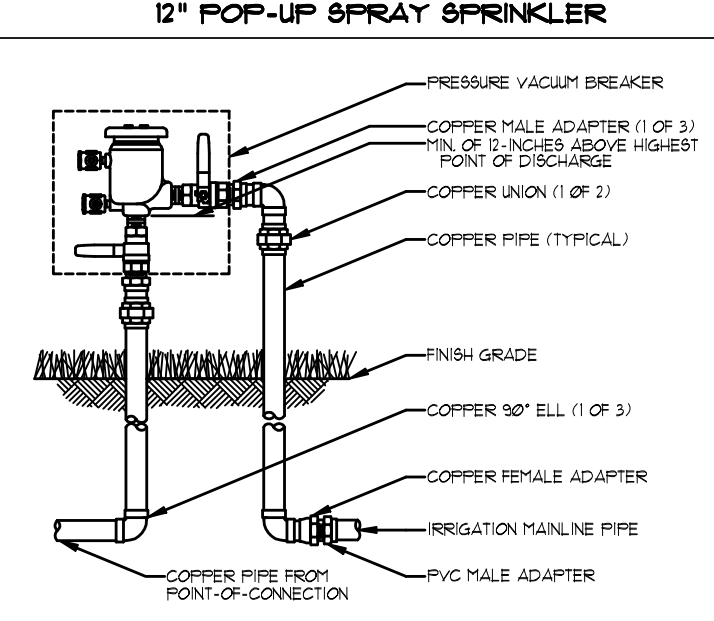
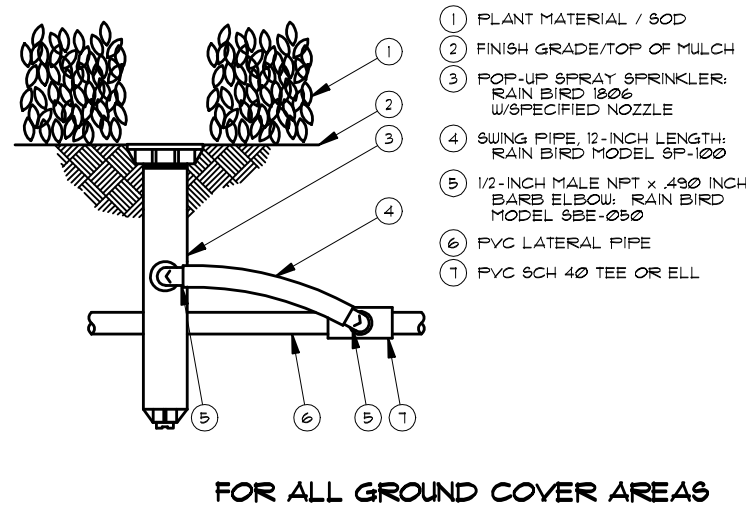
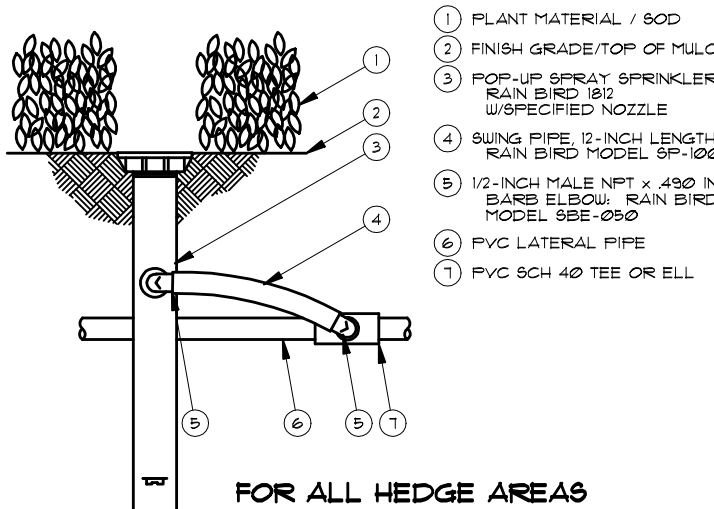
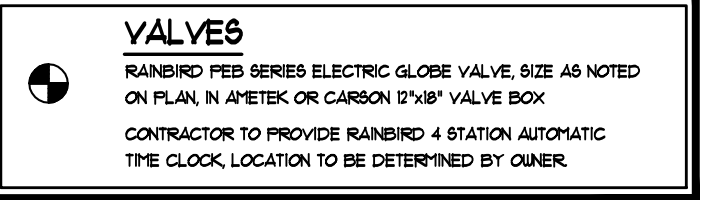
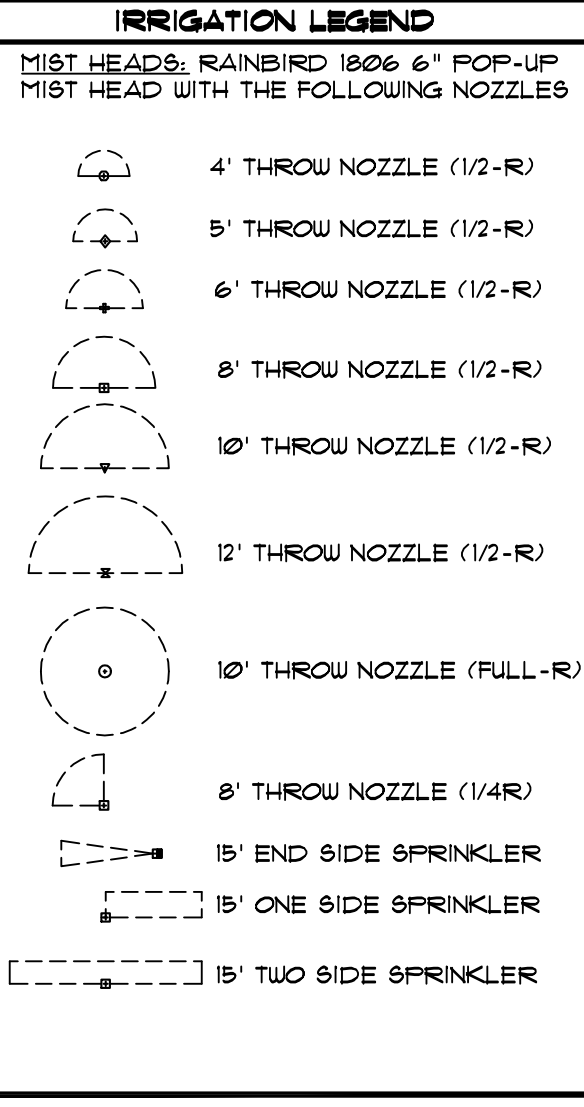
Project Number

160602

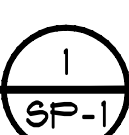
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ALL TREES AND HEDGES ARE EXISTING

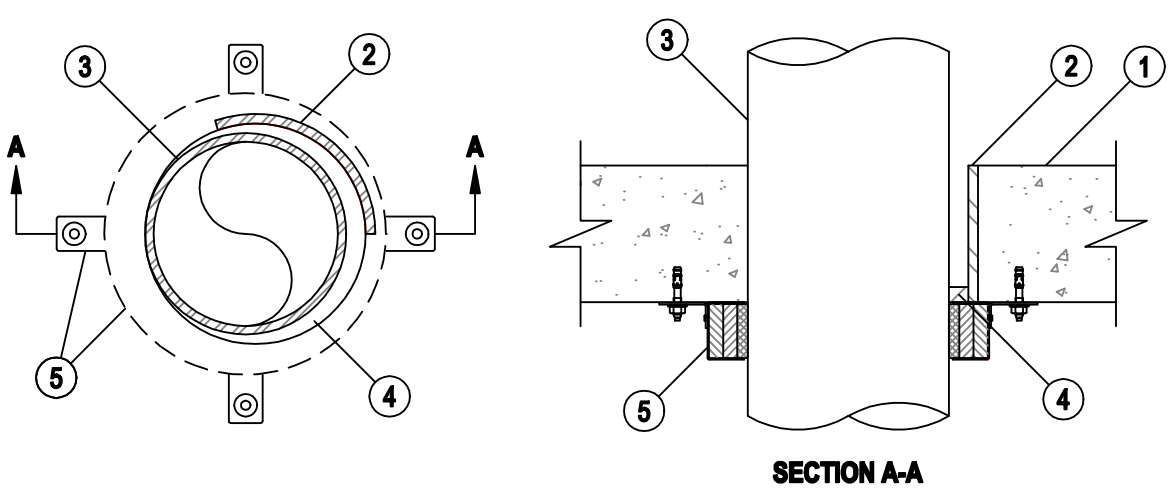


IRRIGATION PLAN
SCALE: 1" = 30'-0"



System No. C-AJ-2109

F Ratings — 2 and 3 Hr (See Item 3)
T Ratings — 0, 2 and 3 Hr (See Item 3)
W Rating - Class I (See Items 2, 3 and 4)



SECTION A-A

1. Floor or Wall Assembly — Min 4-1/2 in. (114 mm) thick reinforced lightweight or normal weight (100-150 pcf or 1600-2400 kg/m³) concrete. Wall may also be constructed of any UL Classified Concrete Block*, Max diameter of opening is 12 in. (305 mm). See Concrete Blocks (CAZT) category in the Fire Resistance Directory for names of manufacturers.

2. Steel Sleeve — (Optional) - Nom 12 in. (305 mm) diameter (or smaller) Schedule 40 (or heavier) steel pipe cast or grouted into floor or wall assembly. Flush with floor or wall surfaces. The W Rating does not apply when the steel sleeve is used.


3. Through Penetrants — One nonmetallic pipe to be installed either concentrically or eccentrically within the firestop system. For max 6 in. (152 mm) diameter pipes, the annular space between the pipe and the periphery of opening shall be min 0 in. (0 mm, point contact) to max 1/2 in. (13 mm). For nom 8 in. (203 mm) and 10 in. (254 mm) diameter pipes, the annular space between the pipe and the periphery of opening shall be min 0 in. (0 mm, point contact) to max 1-1/4 in. (32 mm). Pipe to be rigidly supported on both sides of floor or wall assembly. For systems with a W Rating, the max annular space is 1/2 in. (13 mm). The T Ratings are dependent on the size and/or type of pipe as shown in the table below. The following types and sizes of nonmetallic pipes may be used:

A. Polyvinyl Chloride (PVC) Pipe — Nom 10 in. (254 mm) diameter (or smaller) Schedule 40 solid core or cellular core PVC pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems. For systems with a W Rating, the nom diameter of pipe shall not exceed 6 in. (152 mm).


B. Chlorinated Polyvinyl Chloride (CPVC) Pipe — Nom 10 in. (254 mm) diameter (or smaller) SDR13.5 CPVC pipe for use in closed (process or supply) piping systems. For systems with a W Rating, the nom diameter of pipe shall not exceed 6 in. (152 mm).

C. Acrylonitrile Butadiene Styrene (ABS) Pipe — Nom 6 in. (152 mm) diameter (or smaller) Schedule 40 solid-core or cellular core ABS pipe for use in closed (process or supply) or vented (drain, waste or vent) piping system.

D. Flame Retardant Polypropylene (FRPP) Pipe — Nom 6 in. (152 mm) diameter (or smaller) Schedule 40 FRPP pipe for use in closed (process or supply) or vented (drain, waste or vent) piping systems.



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FIRE STOP PENETRATION DETAIL

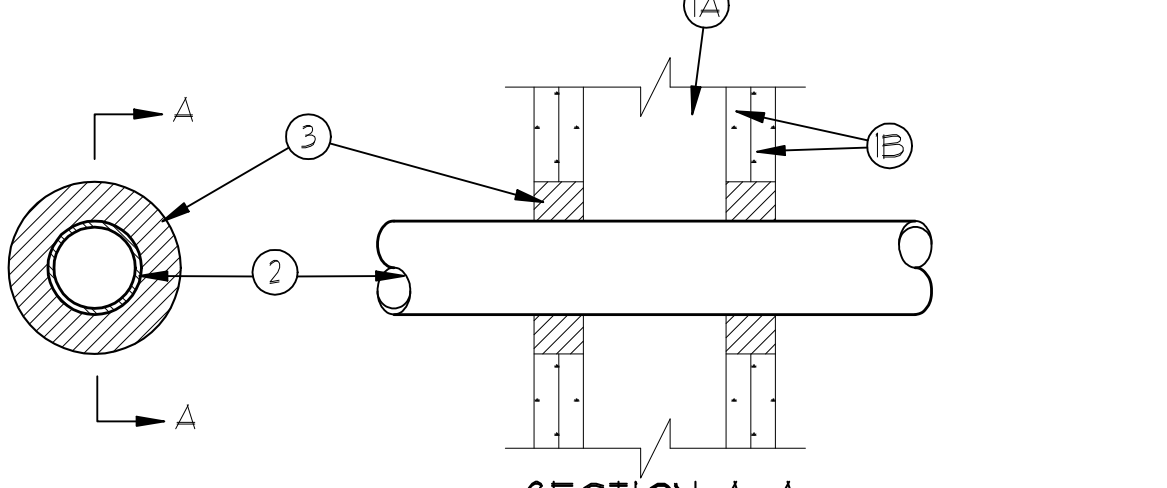
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7

FS-I

System No. W-L-2098

F Ratings - 1 and 2 Hr (See Item 1)
T Ratings - 1 and 2 Hr (See Item 1)
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft



SECTION A-A

1. Wall Assembly -- The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs -- Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.

B. Gypsum Board* -- 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diameter of opening is 4-3/8 in.

The hourly F Rating and T Ratings of the firestop system are equal to the hourly fire rating of the wall assembly in which it is installed.


2. Through Penetrants -- One nonmetallic pipe installed within the firestop system. Pipe to be rigidly supported on both sides of floor or wall assembly. The space between pipe and periphery of opening shall be min 3/4 in. to max 1-1/4 in. Pipe to be rigidly supported on both sides of the floor or wall assembly. The following types and sizes of nonmetallic pipes may be used:

A. Polyvinyl Chloride (PVC) Pipe -- Nom 2 in. diameter (or smaller) Schedule 40 PVC pipe for use in closed (process or supply) piping system.


B. Chlorinated Polyvinyl Chloride (CPVC) Pipe -- Nom 2 in. diameter (or smaller) SDR11 CPVC pipe for use in closed (process or supply) piping systems.

3. Fill, Void or Cavity Material* -- Sealant -- Installed to completely fill the annular space between the pipes and gypsum wallboard on both sides of wall.

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HILTI INC. -- FS-One Sealant
*Bearing the UL Classification Mark



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January 09, 2003



FIRE STOP PENETRATION DETAIL

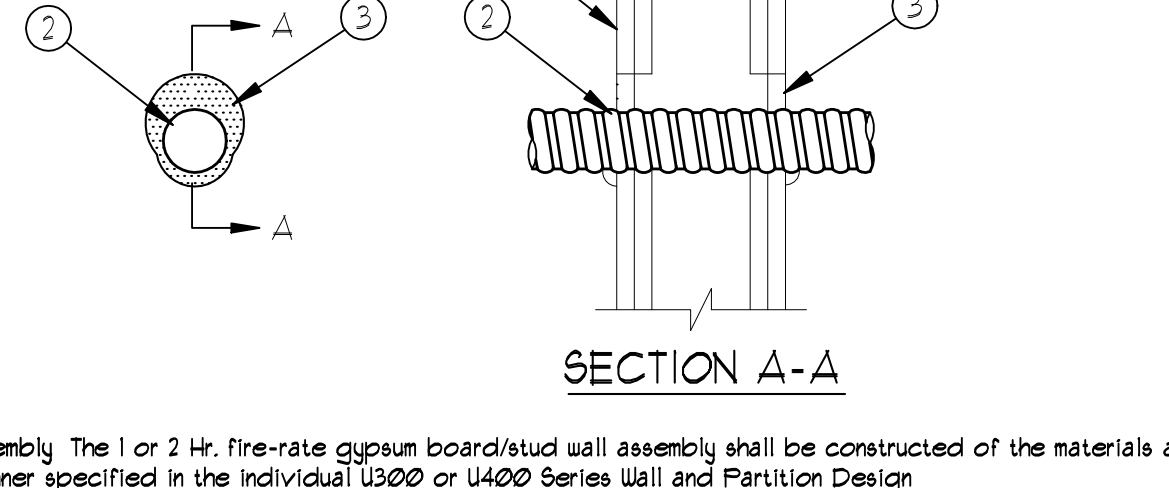
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6

FS-I

System No. W-L-1243

F Rating - 1 and 2 Hr (See Item 1)
T Rating - 0 Hr



SECTION A-A

1. Wall Assembly. The 1 or 2 Hr. fire-rate gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Stud/Wall framing shall consist of either wood studs or channel shaped steel studs. Wood studs to consist of 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide, fabricated from min 25 M9G galvanized steel, spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, number of layers and sheet orientation shall be as specified in the individual U300 or U400 Series Designs in the UL Fire Resistance Directory. Max diameter of opening is 3-1/2 in.


The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through-Penetrant-Flexible Metal Conduit-Nom. 2 in. diameter (or smaller) aluminum or steel flexible conduit installed either concentrically or eccentrically within the firestop system. The annular space between conduit and periphery of opening shall be min 0 in. (point contact) to max 1 in. Conduit to be rigidly supported on both sides of wall assembly.


See Flexible Metal Conduit (DXUJ) category in the Electrical Construction Materials Directory for names of manufacturers.

3. Fill, Void or Cavity Material* - Sealant. Min 5/8 in. thickness of fill material applied with annulus, flush with both surfaces of the wall. At point contact location between conduit and gypsum board, a min 1/2 in. bead of fill material shall be applied at the conduit/gypsum board interface on both sides of wall.

HILTI CONSTRUCTION CHEMICALS, DIV OF
HILTI INC FS-One Sealant
*Bearing the UL Listing Mark
*Bearing the UL Classification Mark



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November 13, 2001



FIRE STOP PENETRATION DETAIL

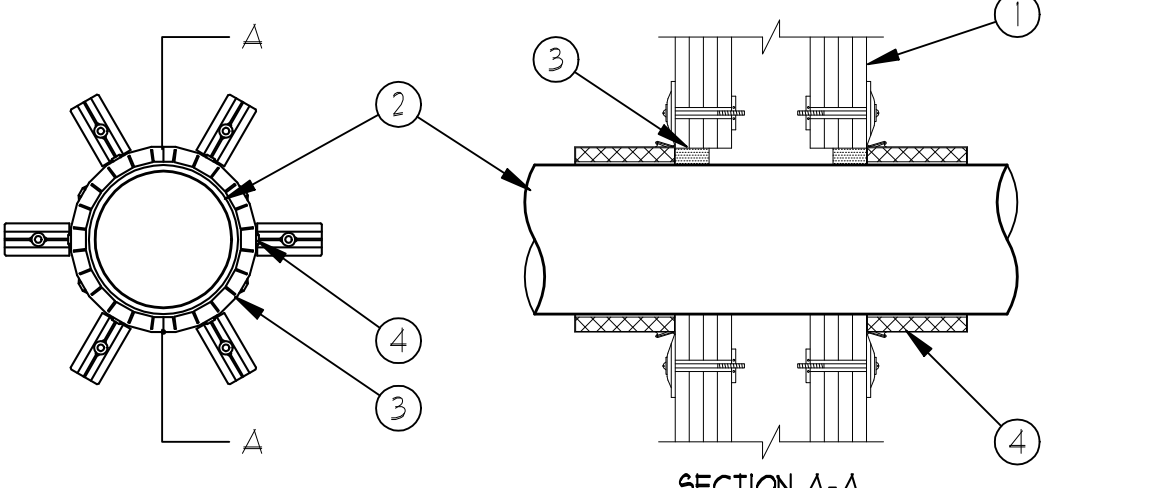
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5

FS-I

System No. W-L-2245

F Rating - 4 Hr
T Rating - 2 and 4 Hr (See Item 2)



SECTION A-A

1. Floor or Wall Assembly. Min 4 hr fire-rated gypsum board/stud wall assembly shall be constructed of the materials and in the manner described in the individual U400 Series Wall or Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs. Wall framing shall consist of steel channel studs. Steel studs to be min 3-1/2 in. wide and spaced max 24 in. OC.

B. Gypsum Board* Four layers of nom 5/8 in. thick gypsum board as specified in the individual wall and Partition Design. Max diameter of opening is 1-3/8 in.

2. Through-Penetrants. One nonmetallic pipe to be installed concentrically or eccentrically within the firestop system. The annular space between the pipe and the periphery of the opening shall be a min 0 in. (point contact) to max 3/4 in. for nom 6 in. diameter pipes and min 0 in (point contact) to max 1/2 in. for nom 4 in. diameter (or smaller) pipes. Pipe to be rigidly supported on both sides of wall assembly. The following types and sizes of nonmetallic pipes may be used:

A. Polyvinyl Chloride (PVC) Pipe Nom 6 in. diameter (or smaller) Schedule 40 solid or cellular PVC pipe, for use in closed (process or supply) or vented (drain, waste or vent) piping systems.

B. Chlorinated Polyvinyl Chloride (CPVC) Pipe Nom 6 in. diameter (or smaller) SDR 13.5 CPVC pipe. For use in closed (process or supply) piping systems.

The T Rating is dependent upon the diameter of pipe used in the firestop system. For nom 4 in. diameter (or smaller) pipes, the T Rating is 4 hr. For pipes greater than nom 4 in. diameter the T Rating is 2 hr.


3. Firestop System. The firestop system shall consist of the following:

A. Fill, Void or Cavity Material - Sealant* Min 1-1/2 in. thickness of fill material applied within annulus of gypsum board, flush with surface of wall.


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HILTI INC FS-One Sealant
*Bearing the UL Classification Mark

B. Firestop Device - Firestop Collar. The firestop collar shall be installed in accordance with the accompanying installation instructions. The collar shall be installed and latched around the pipe and secured to the gypsum board with the anchor hooks provided with the collar. (Min 2 anchor hooks for 1-1/2 and 2 in. diameter pipes, 3 anchor hooks for 3 and 4 in. diameter pipes and 6 anchor hooks for 6 in. diameter pipes). The anchor hooks are to be secured to the wall with 1/4 in. by 3 in. toggle bolts along with min 3/4 in. diameter steel washers.

HILTI CONSTRUCTION CHEMICALS, DIV OF
HILTI INC - CP 643 501/5", CP 643 632", CP 643 303/3", CP 643 110/4" or CP 642 160/6" Firestop Collar
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November 13, 2001



FIRE STOP PENETRATION DETAIL

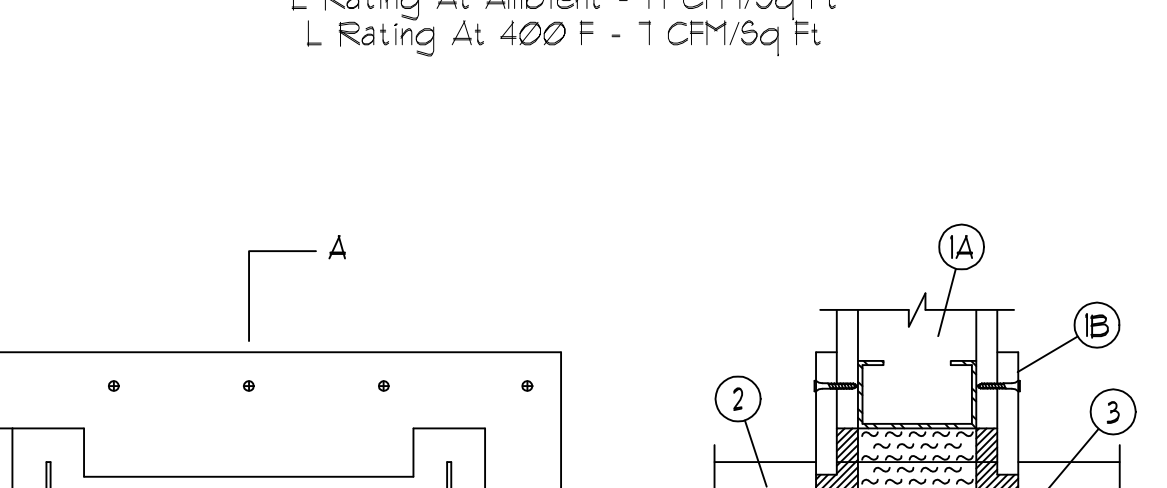
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FS-I

System No. W-L-4007

F Rating - 2 Hr
T Rating - 2 Hr
L Rating At Ambient - 17 CFM/Sq Ft
L Rating At 400 F - 7 CFM/Sq Ft



SECTION A-A

1. Wall Assembly -- The fire-rated gypsum wallboard/steel stud wall assembly shall be constructed of the materials and in the manner described in the individual U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Steel Studs -- Steel studs to be min 3-5/8 in. wide and spaced max 24 in. OC. The opening in the wall to accommodate the cable tray (item 2) shall be framed on all sides. The studs on each side of the opening and the stud sections used for the header and sill of the opening shall be doubled such that the flanged steel casing of the fill material kit (item 5A) may be secured to the steel framing members, through the gypsum wallboard layers, on all sides. The framed opening in the wall shall be min 1 in. to max 4 in. wider and higher than the width and height of the cable tray such that, when the cable tray is centered in the opening, a 1/2 to 2 in. clearance is present between the cable tray and the framing on all four sides.

B. Gypsum Board* -- Two layers of nom 5/8 in. thick gypsum wallboard, as specified in the individual Wall and Partition Design.

2. Cable Tray -- Max 24 in. wide by max 6 in. deep open ladder cable tray formed of min 0.093 in. thick (No. 12 gauge) galv steel or min 0.025 in. thick aluminum and with rungs spaced 9 in. OC. Max one cable tray per opening. Cable tray to be rigidly supported on both sides of wall assembly.

3. Cables -- Aggregate cross-sectional area of cables in cable tray not to exceed 40 percent based on a max 3 in. cable loading depth within the tray. Any combination of the following types and sizes of copper conductor cables may be used:

A. Max 300 kcmil single-conductor power cables cross-linked polyethylene insulation.

B. Max 12 AWG multi-conductor power and control cables cross-linked polyethylene insulation, polyvinyl chloride jacket.


Cables to be installed min 1/2 in. apart in layers with a layer of insulating sponge sheet (item 5A) between layers of cables. When diameter of cables is larger than 5/8 in., narrow strips of insulating sponge to be installed between individual cables in each layer of cables.

4. Mineral-Wool Batt Insulation -- Min 4 pcf mineral wool batts tightly-packed into through opening to completely fill framed opening in wall assembly.


5. Firestop System -- Firestop system consists of a fill material kit (item 5A) in conjunction with caulk fill material (item 5B).

A. Fill, Void or Cavity Material* - Fill Material Kit -- Fill material kit consists of a nom 10 in. high by 10 in. deep modular steel casing with elastomeric gasket strips, elastomeric lin block and insulating sponge filler sheets. The width of the steel casing shall be 6 in. greater than the width of the cable tray. The fill material kit is to be installed in accordance with the accompanying instructions. The fasteners used to secure the steel casing to the wall surface shall be nom 1/4 in. diameter by min 2-1/4 in. long steel screws in conjunction with steel washers. All voids within the lined steel casing to be tightly-filled with insulating sponge sheets. The insulating sponge sheets shall also be installed between the cable tray rungs and the cables as well as between layers of cables in the cable tray.

BEELE ENGINEERING B.V. -- Type FSP



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January 09, 2003



FIRE STOP PENETRATION DETAIL

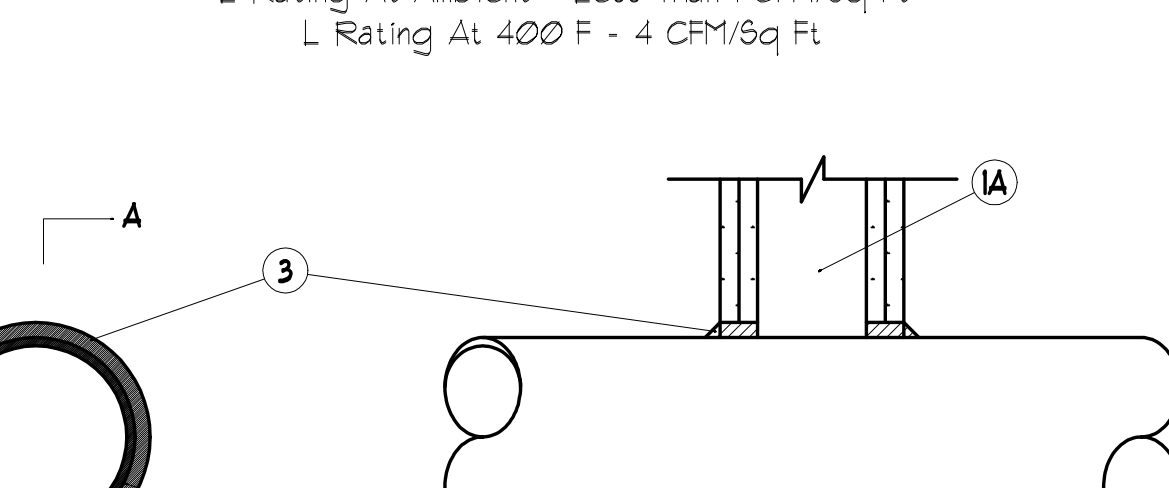
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FS-I

System No. W-L-1085

F Rating - 1 and 2 Hr (See Item 1B)
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft



SECTION A-A

1. Wall Assembly. The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diameter of opening is 13-1/4 in.

Diameter of circular opening cut through gypsum wallboard on each side of wall assembly to be min 1/4 in. to max 1/2 in. larger than outside diameter of through penetrant (item 2). The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through penetrants one metallic pipe, conduit, or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe, conduit, or tubing to be rigidly supported on both sides of wall assembly. The annular space between the through-penetrant and the periphery of the opening shall be minimum 0" to maximum 1/4 inches. The following types and sizes of metallic pipes, conduits, or tubing may be used:

A. Steel pipe, nominal 12" diameter (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron pipe, nominal 12" diameter (or smaller) cast or ductile iron pipe.


C. Conduit, nominal 6" diameter (or smaller) steel electrical metallic tubing or steel conduit.

D. Copper tubing nominal 6" diameter (or smaller) Style L (or heavier) copper tubing.


E. Copper pipe nominal 6" diameter (or smaller) Regular (or heavier) copper pipe.

3. Fill, Void, or Cavity Material* -- Sealant Fill material to be forced into the annulus to maximum extent possible. Additional fill material to be installed such that a minimum 1/2" crown is formed around the penetrating item and lapping 1/4 inch beyond the periphery of the opening.

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FIRE STOP PENETRATION DETAIL

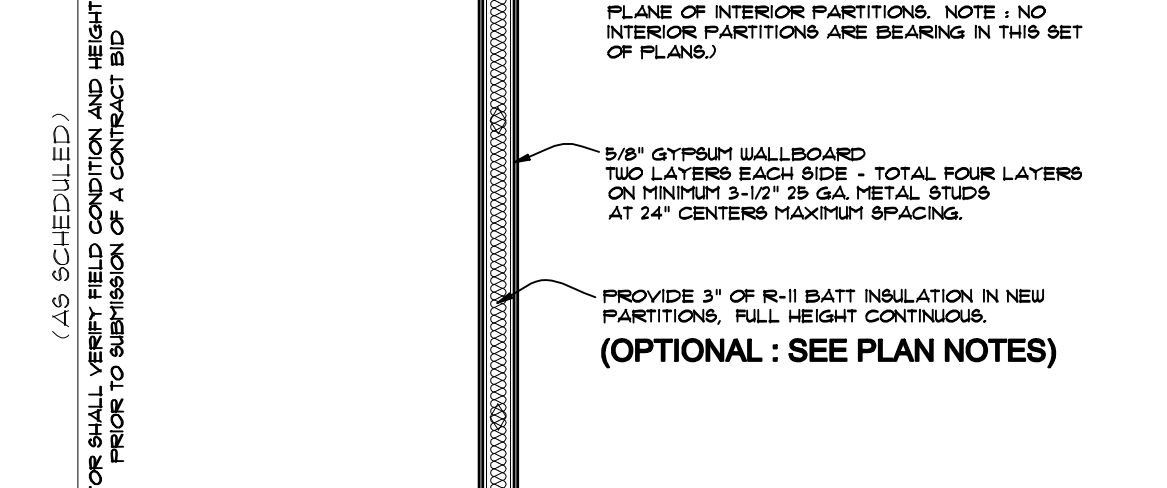
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FS-I

System No. W-L-1243

F Rating - 1 and 2 Hr (See Item 1)
T Rating - 0 Hr



SECTION A-A

1. Wall Assembly. The 1 or 2 Hr. fire-rate gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Stud/Wall framing shall consist of either wood studs or channel shaped steel studs. Wood studs to consist of 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide, fabricated from min 25 M9G galvanized steel, spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, number of layers and sheet orientation shall be as specified in the individual U300 or U400 Series Designs in the UL Fire Resistance Directory. Max diameter of opening is 3-1/2 in.


The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through-Penetrant-Flexible Metal Conduit-Nom. 2 in. diameter (or smaller) aluminum or steel flexible conduit installed either concentrically or eccentrically within the firestop system. The annular space between conduit and periphery of opening shall be min 0 in. (point contact) to max 1 in. Conduit to be rigidly supported on both sides of wall assembly.


See Flexible Metal Conduit (DXUJ) category in the Electrical Construction Materials Directory for names of manufacturers.

3. Fill, Void or Cavity Material* - Sealant. Min 5/8 in. thickness of fill material applied with annulus, flush with both surfaces of the wall. At point contact location between conduit and gypsum board, a min 1/2 in. bead of fill material shall be applied at the conduit/gypsum board interface on both sides of wall.

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HILTI INC FS-One Sealant
*Bearing the UL Listing Mark
*Bearing the UL Classification Mark



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FIRE STOP PENETRATION DETAIL

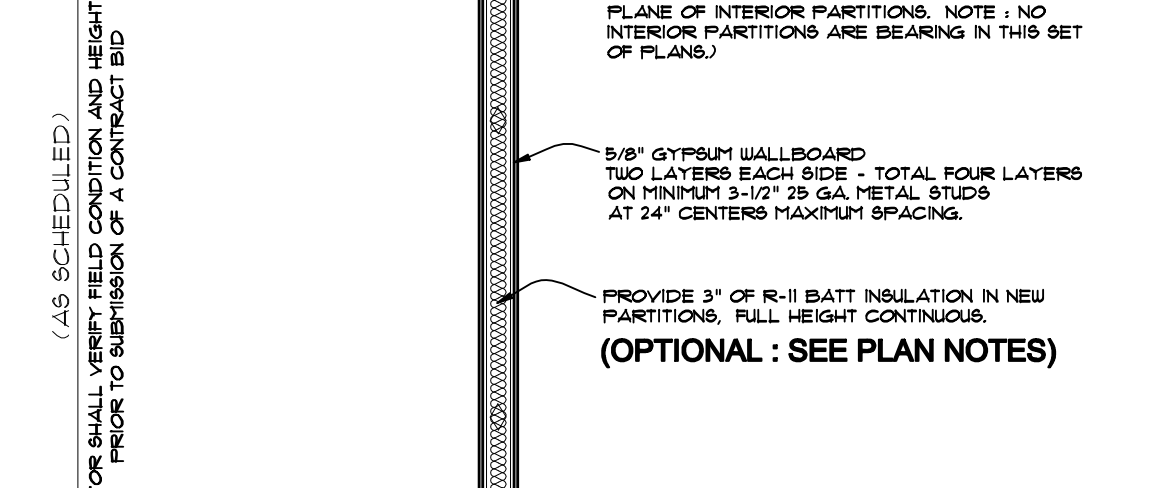
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1

FS-I

System No. W-L-1243

F Rating - 1 and 2 Hr (See Item 1)
T Rating - 0 Hr



SECTION A-A

1. Wall Assembly. The 1 or 2 Hr. fire-rate gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Stud/Wall framing shall consist of either wood studs or channel shaped steel studs. Wood studs to consist of 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide, fabricated from min 25 M9G galvanized steel, spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, number of layers and sheet orientation shall be as specified in the individual U300 or U400 Series Designs in the UL Fire Resistance Directory. Max diameter of opening is 3-1/2 in.


The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through-Penetrant-Flexible Metal Conduit-Nom. 2 in. diameter (or smaller) aluminum or steel flexible conduit installed either concentrically or eccentrically within the firestop system. The annular space between conduit and periphery of opening shall be min 0 in. (point contact) to max 1 in. Conduit to be rigidly supported on both sides of wall assembly.


See Flexible Metal Conduit (DXUJ) category in the Electrical Construction Materials Directory for names of manufacturers.

3. Fill, Void or Cavity Material* - Sealant. Min 5/8 in. thickness of fill material applied with annulus, flush with both surfaces of the wall. At point contact location between conduit and gypsum board, a min 1/2 in. bead of fill material shall be applied at the conduit/gypsum board interface on both sides of wall.

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HILTI INC FS-One Sealant
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*Bearing the UL Classification Mark



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November 13, 2001



FIRE STOP PENETRATION DETAIL

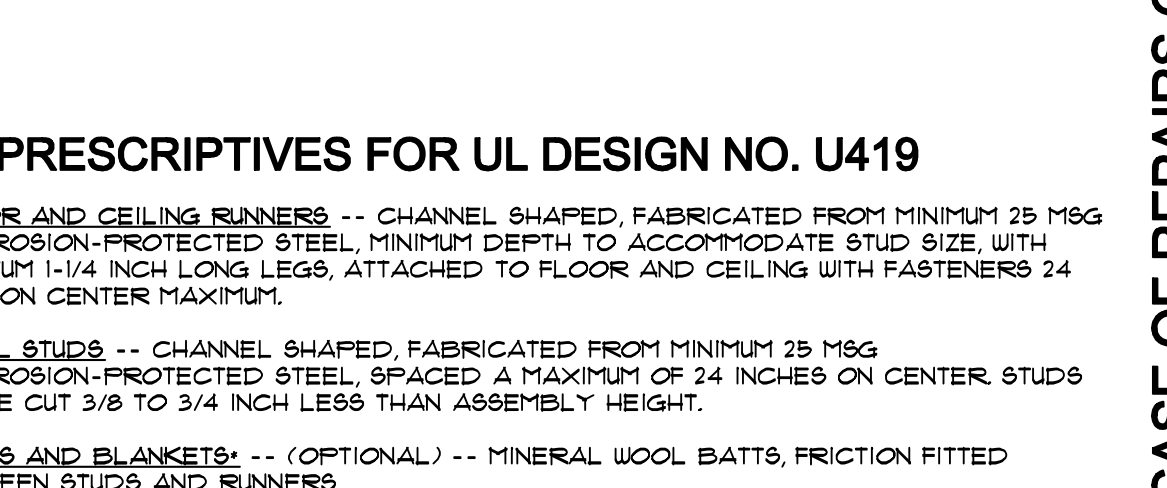
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FS-I

System No. W-L-1085

F Rating - 1 and 2 Hr (See Item 1B)
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft



SECTION A-A

1. Wall Assembly. The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diameter of opening is 13-1/4 in.

Diameter of circular opening cut through gypsum wallboard on each side of wall assembly to be min 1/4 in. to max 1/2 in. larger than outside diameter of through penetrant (item 2). The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through penetrants one metallic pipe, conduit, or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe, conduit, or tubing to be rigidly supported on both sides of wall assembly. The annular space between the through-penetrant and the periphery of the opening shall be minimum 0" to maximum 1/4 inches. The following types and sizes of metallic pipes, conduits, or tubing may be used:

A. Steel pipe, nominal 12" diameter (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron pipe, nominal 12" diameter (or smaller) cast or ductile iron pipe.


C. Conduit, nominal 6" diameter (or smaller) steel electrical metallic tubing or steel conduit.

D. Copper tubing nominal 6" diameter (or smaller) Style L (or heavier) copper tubing.


E. Copper pipe nominal 6" diameter (or smaller) Regular (or heavier) copper pipe.

3. Fill, Void, or Cavity Material* -- Sealant Fill material to be forced into the annulus to maximum extent possible. Additional fill material to be installed such that a minimum 1/2" crown is formed around the penetrating item and lapping 1/4 inch beyond the periphery of the opening.

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FIRE STOP PENETRATION DETAIL

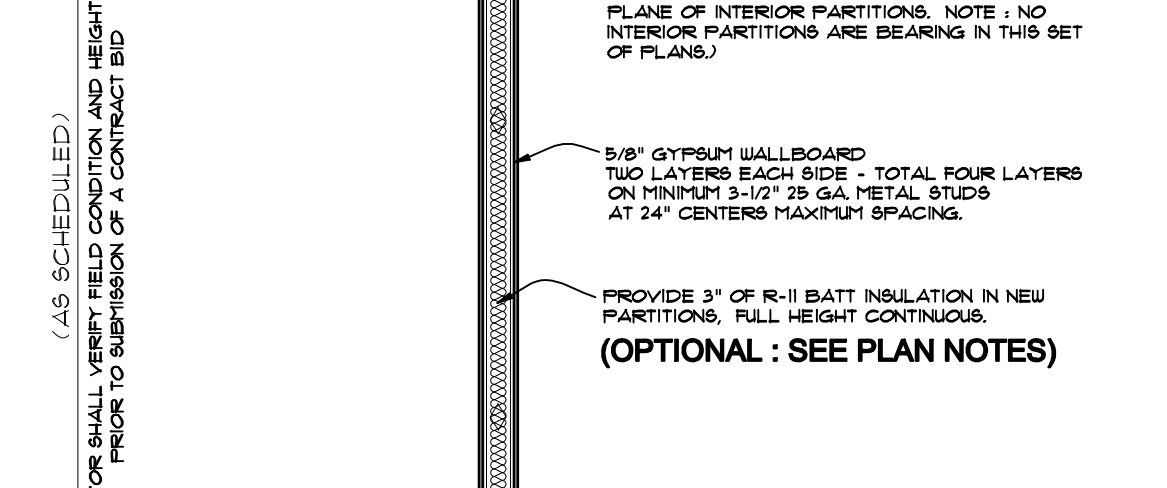
SCALE: NOT TO SCALE

2

FS-I

System No. W-L-1243

F Rating - 1 and 2 Hr (See Item 1)
T Rating - 0 Hr



SECTION A-A

1. Wall Assembly. The 1 or 2 Hr. fire-rate gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Stud/Wall framing shall consist of either wood studs or channel shaped steel studs. Wood studs to consist of 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide, fabricated from min 25 M9G galvanized steel, spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, number of layers and sheet orientation shall be as specified in the individual U300 or U400 Series Designs in the UL Fire Resistance Directory. Max diameter of opening is 3-1/2 in.


The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through-Penetrant-Flexible Metal Conduit-Nom. 2 in. diameter (or smaller) aluminum or steel flexible conduit installed either concentrically or eccentrically within the firestop system. The annular space between conduit and periphery of opening shall be min 0 in. (point contact) to max 1 in. Conduit to be rigidly supported on both sides of wall assembly.


See Flexible Metal Conduit (DXUJ) category in the Electrical Construction Materials Directory for names of manufacturers.

3. Fill, Void or Cavity Material* - Sealant. Min 5/8 in. thickness of fill material applied with annulus, flush with both surfaces of the wall. At point contact location between conduit and gypsum board, a min 1/2 in. bead of fill material shall be applied at the conduit/gypsum board interface on both sides of wall.

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FIRE STOP PENETRATION DETAIL

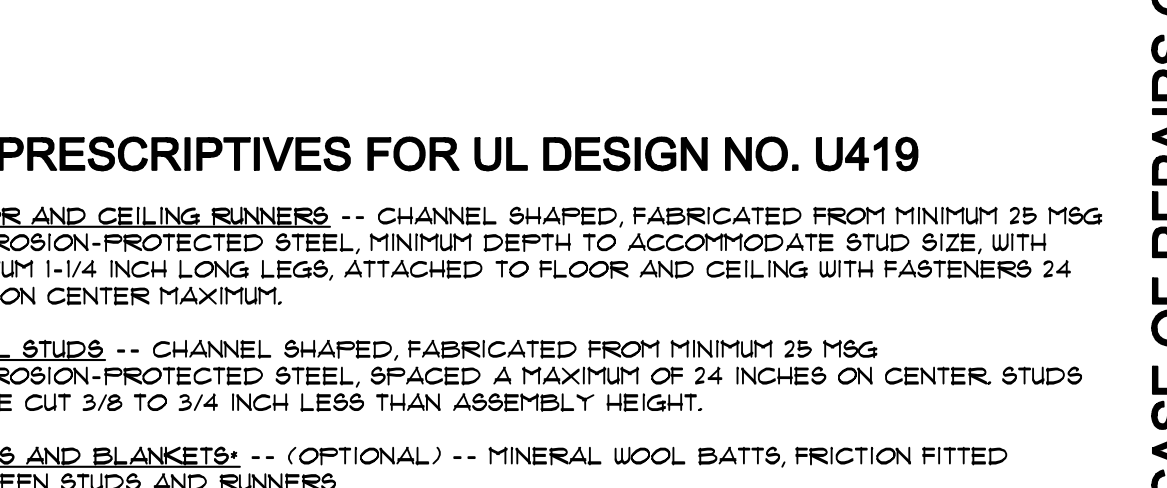
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1

FS-I

System No. W-L-1085

F Rating - 1 and 2 Hr (See Item 1B)
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft



SECTION A-A

1. Wall Assembly. The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. Studs Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide and spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum wallboard type, number of layers, fastener type and sheet orientation shall be as specified in the individual Wall and Partition Design. Max diameter of opening is 13-1/4 in.

Diameter of circular opening cut through gypsum wallboard on each side of wall assembly to be min 1/4 in. to max 1/2 in. larger than outside diameter of through penetrant (item 2). The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through penetrants one metallic pipe, conduit, or tubing to be installed either concentrically or eccentrically within the firestop system. Pipe, conduit, or tubing to be rigidly supported on both sides of wall assembly. The annular space between the through-penetrant and the periphery of the opening shall be minimum 0" to maximum 1/4 inches. The following types and sizes of metallic pipes, conduits, or tubing may be used:

A. Steel pipe, nominal 12" diameter (or smaller) Schedule 10 (or heavier) steel pipe.

B. Iron pipe, nominal 12" diameter (or smaller) cast or ductile iron pipe.


C. Conduit, nominal 6" diameter (or smaller) steel electrical metallic tubing or steel conduit.

D. Copper tubing nominal 6" diameter (or smaller) Style L (or heavier) copper tubing.


E. Copper pipe nominal 6" diameter (or smaller) Regular (or heavier) copper pipe.

3. Fill, Void, or Cavity Material* -- Sealant Fill material to be forced into the annulus to maximum extent possible. Additional fill material to be installed such that a minimum 1/2" crown is formed around the penetrating item and lapping 1/4 inch beyond the periphery of the opening.

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FIRE STOP PENETRATION DETAIL

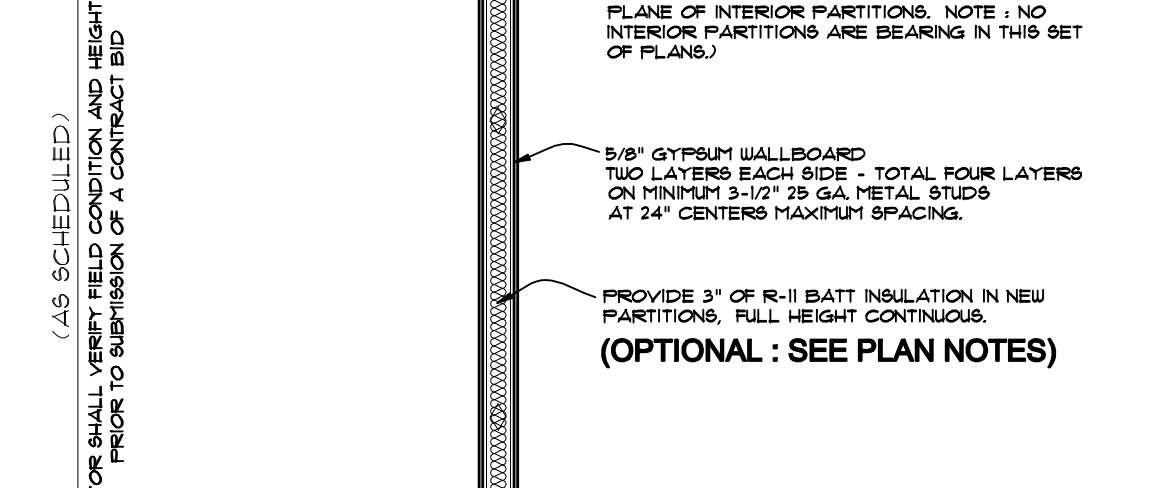
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2

FS-I

System No. W-L-1243

F Rating - 1 and 2 Hr (See Item 1)
T Rating - 0 Hr



SECTION A-A

1. Wall Assembly. The 1 or 2 Hr. fire-rate gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

A. Stud/Wall framing shall consist of either wood studs or channel shaped steel studs. Wood studs to consist of 2 by 4 in. lumber spaced 16 in. OC. Steel studs to be min 2-1/2 in. wide, fabricated from min 25 M9G galvanized steel, spaced max 24 in. OC.

B. Gypsum Board* 5/8 in. thick, 4 ft wide with square or tapered edges. The gypsum board type, number of layers and sheet orientation shall be as specified in the individual U300 or U400 Series Designs in the UL Fire Resistance Directory. Max diameter of opening is 3-1/2 in.


The hourly F Rating of the firestop system is equal to the hourly fire rating of the wall assembly in which it is installed.

2. Through-Penetrant-Flexible Metal Conduit-Nom. 2 in. diameter (or smaller) aluminum or steel flexible conduit installed either concentrically or eccentrically within the firestop system. The annular space between conduit and periphery of opening shall be min 0 in. (point contact) to max 1 in. Conduit to be rigidly supported on both sides of wall assembly.


See Flexible Metal Conduit (DXUJ) category in the Electrical Construction Materials Directory for names of manufacturers.

3. Fill, Void or Cavity Material* - Sealant. Min 5/8 in. thickness of fill material applied with annulus, flush with both surfaces of the wall. At point contact location between conduit and gypsum board, a min 1/2 in. bead of fill material shall be applied at the conduit/gypsum board interface on both sides of wall.

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FIRE STOP PENETRATION DETAIL

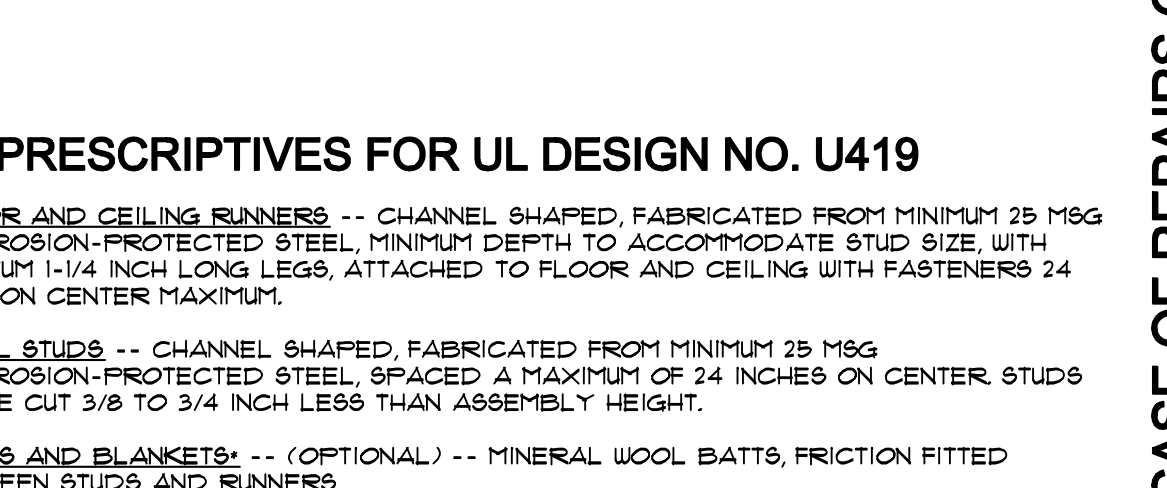
SCALE: NOT TO SCALE

1

FS-I

System No. W-L-1085

F Rating - 1 and 2 Hr (See Item 1B)
T Rating - 0 Hr
L Rating At Ambient - Less Than 1 CFM/Sq Ft
L Rating At 400 F - 4 CFM/Sq Ft



SECTION A-A

1. Wall Assembly. The 1 or 2 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

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C. Conduit, nominal 6" diameter (or smaller) steel electrical metallic tubing or steel conduit.

D. Copper tubing nominal 6" diameter (or smaller) Style L (or heavier) copper tubing.


E. Copper pipe nominal 6" diameter (or smaller) Regular (or heavier) copper pipe.

3. Fill, Void, or Cavity Material* -- Sealant Fill material to be forced into the annulus to maximum extent possible. Additional fill material to be installed such that a minimum 1/2" crown is formed around the penetrating item and lapping 1/4 inch beyond the periphery of the opening.

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FIRE STOP PENETRATION DETAIL

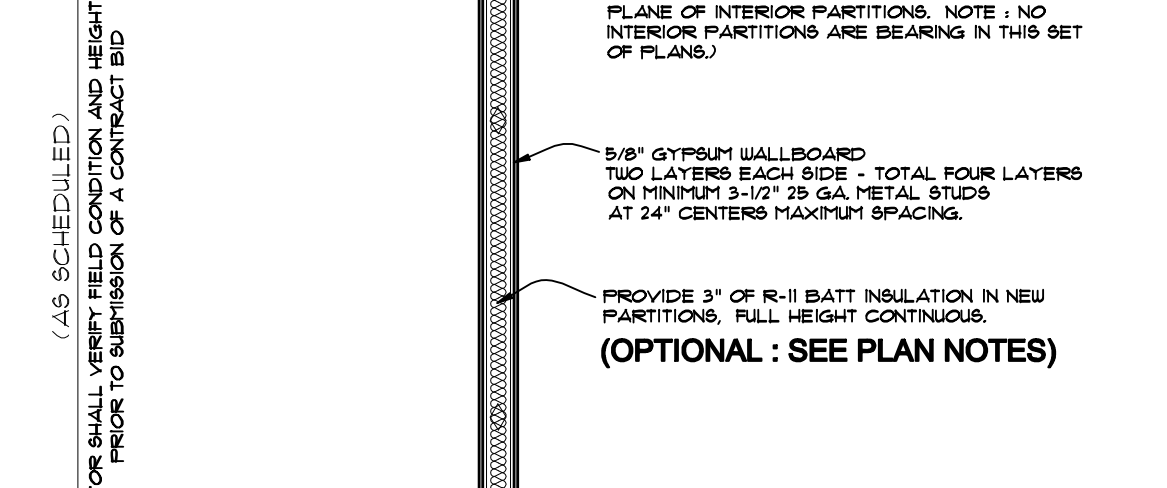
SCALE: NOT TO SCALE

2

FS-I

System No. W-L-1243

F Rating - 1 and 2 Hr (See Item 1)
T Rating - 0 Hr



SECTION A-A

1. Wall Assembly. The 1 or 2 Hr. fire-rate gypsum board/stud wall assembly shall be constructed of the materials and in the manner specified in the individual U300 or U400 Series Wall and Partition Design in the UL Fire Resistance Directory and shall include the following construction features:

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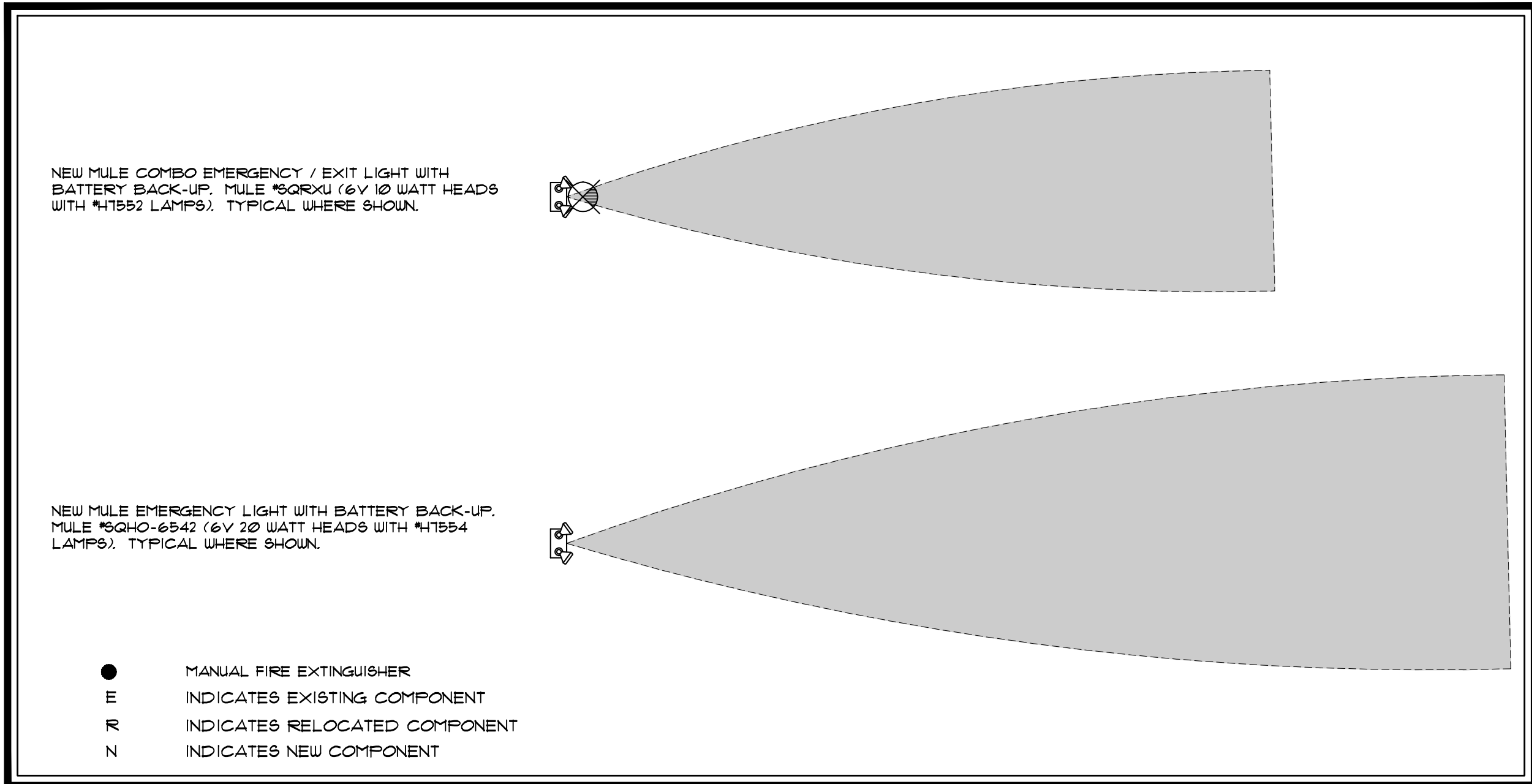
See Flexible Metal Conduit (DXUJ) category in the Electrical Construction Materials Directory for names of manufacturers.

3. Fill, Void or Cavity Material* - Sealant. Min 5/8 in. thickness of fill material applied with annulus, flush with both surfaces of the wall. At point contact location between conduit and gypsum board, a min 1/2 in. bead of fill material shall be applied at the conduit/gypsum board interface on both sides of wall.

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EMERGENCY LIGHTING

THE SHADED AREAS INDICATE A ZONE OF LIGHTING ALONG THE PATH OF EGRESS SHOWN WHICH PROVIDES A MINIMUM OF ONE FOOT-CANDLE OF LIGHTING AT THE FLOOR LEVEL. THIS LIGHTING PATTERN IS PER THE SPECIFICATIONS PROVIDED BY THE MANUFACTURER OF THE EMERGENCY LIGHTING FIXTURE SPECIFIED. ADJUST HEADS DIRECTIONALLY TO INSURE A CENTERED FOCUS ALONG THE VARIOUS PATHS OF EGRESS SHOWN.

GOVERNING CODE:

FLORIDA BUILDING CODE 2014 EDITION

FIRE WALLS ARE REQUIRED TO BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES - ONE AND TWO HOUR FIRE RATED "FIRE AND SMOKE BARRIER - PROTECT ALL OPENINGS" PER FBC 2014 SECTION 713.6

FIRE EXTINGUISHER SPECIFICATION

INSTALL MINIMUM CLASS 3A-40BC CERTIFIED DRY CHEMICAL TYPE 5 POUND MANUAL FIRE EXTINGUISHER RATED TO COMPLY WITH ANSI/UL299 ULC-9504 AND TO MEET ALL REQUIREMENTS OF NFPA10 AND ALL APPLICABLE CODES. INSTALL SUCH THAT TOP OF UNIT IS NO HIGHER THAN 5'-0" AND BOTTOM IS NOT LOWER THAN 4". COORDINATE INSTALLATION WITH FIRE DEPARTMENT.

EGRESS DOORS HARDWARE

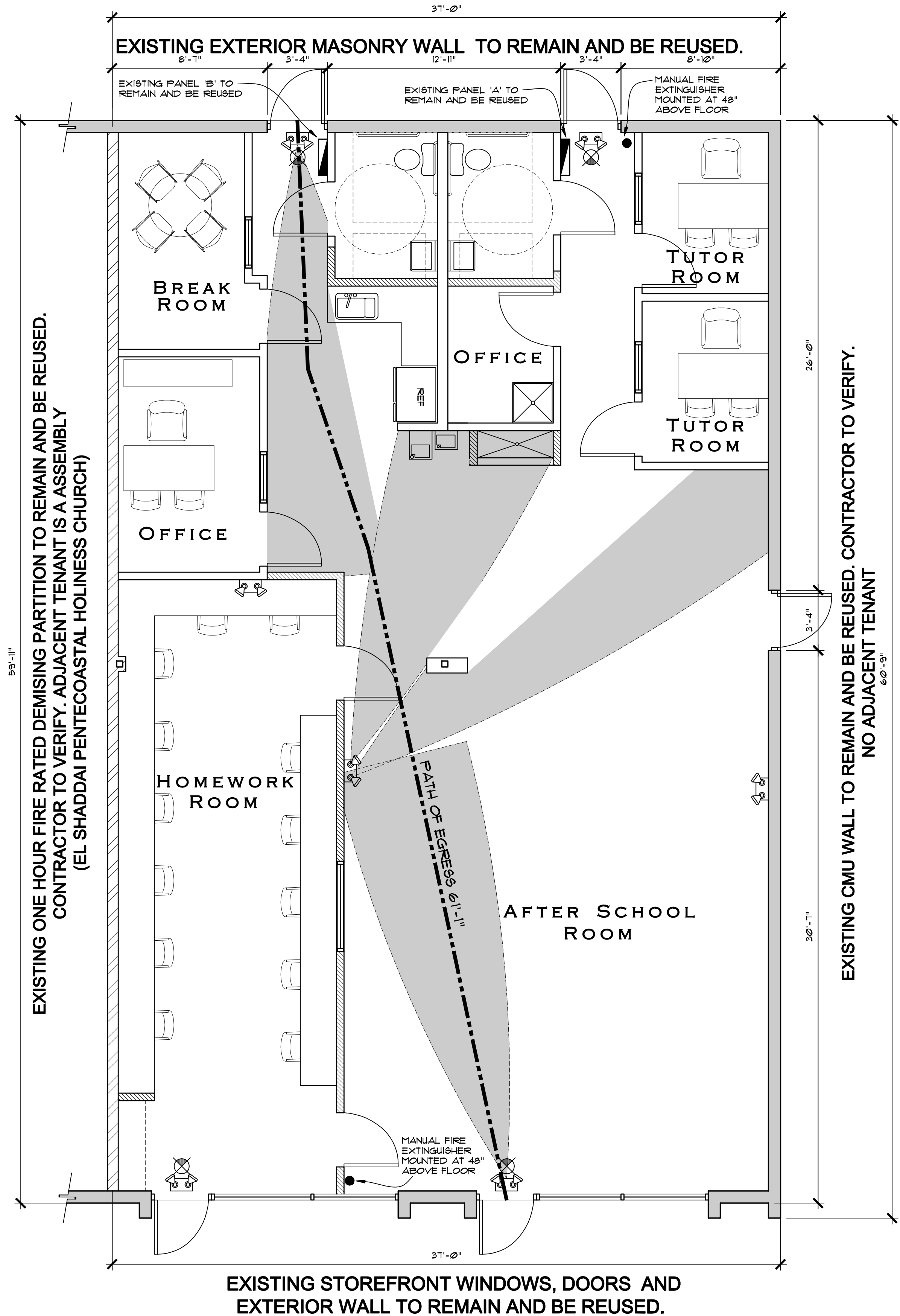
EXISTING EGRESS EXTERIOR DOORS SHALL COMPLY WITH FLORIDA FIRE PREVENTION CODE, NFPA 101, SECTION 12.15 DOORS SHALL HAVE THUMB DEADBOLT WITH EXTERIOR KEYLOCK. DOORS SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE. CONTRACTOR WILL VERIFY THAT THE LOCKS ON THE EGRESS DOORS COMPLY WITH THIS CODE. IF NOT, CONTRACTOR WILL INSTALL LOCKS PER THIS CODE.

OCCUPANCY SUMMARY

USE	AREA SF.	SF/PERSON	OCCUPANTS
EDUCATIONAL (DAYCARE)	2,225	50 NET	44.5
TOTAL OCCUPANTS :			45

LIFE SAFETY CRITERIA

BUILDING CLASSIFICATION:	EDUCATIONAL (DAYCARE)
TOTAL OCCUPANTS:	45
MEANS OF EGRESS REQUIRED: (SECTION-1005 OF F.B.C.-2014)	2 INCHES PER PERSON x 45 = 9"
MEANS OF EGRESS PROVIDED:	FRONT 2 AT 36" EACH = 72" REAR 2 AT 36" EACH = 72" FOR A TOTAL OF 144"



LIFE SAFETY PLAN

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

1
LS-



- Revisions:
- 1
 - 2
 - 3
 - 4
 - 5

Project Number
160602

CHILDREN'S WORLD DAYCARE
TENANT IMPROVEMENTS
331-333 STATE ROAD 7
MARGATE, FLORIDA 33068

Project Name
TENANT IMPROVEMENTS

STEPHEN BRASGALLA, ARCHITECT
STATE OF FLORIDA
REGISTRATION NO. AR12239
6991 WEST BROWARD BOULEVARD
SUITE 100
PLANTATION, FLORIDA 33317
TELEPHONE 954.614.3801
TELEFAX 954.208.0800
ARCHITECT @ DESIGN23.NET

AS ISSUED FOR
DRC APPROVAL
8-30-16

Drawn By: AMP
Scale: SHOWN
Checked By: STB
Date: 8-30-16

Project Number
160602

Sheet:

LS - 1