

SITE



PROJECT TEAM:

OWNER/DEVELOPER:
TRINITY WASHINGTON VILLAGE LIMITED
PARTNERSHIP
&
THE NORWALK HOUSING AUTHORITY

ARCHITECT:
ICON ARCHITECTURE, INC
101 SUMMER STREET, BOSTON, MA 02110
(617) 451-3333

CIVIL ENGINEER:
TIGHE & BOND
100 BRIDGEPORT AVENUE SUITE 320
SHELTON, CT, 06484
(203) 712-1100

GEOTECHNICAL ENGINEER:
MCPHAIL ASSOCIATES, LLC
30 NORFOLK STREET
CAMBRIDGE, MA, 02139
(617) 868-1420

**MECHANICAL / FIRE PROTECTION, ELECTRICAL /
TEL/DATA ENGINEER:**
CENTEK ENGINEERING, INC
63-2 NORTH BRANFORD ROAD, BRANFORD, CT 06405
(203) 488-0580

STRUCTURAL ENGINEER:
GNCB CONSULTING ENGINEERS
130 ELM STREET, OLD SAYBROOK, CT, 06475
(860) 388-1224

LANDSCAPE ARCHITECT:
ERIC RAINS LANDSCAPE ARCHITECTURE
33 NORTH WATER STREET, SOUTH NORWALK, CT,
06854
(203) 853-7600

SURVEY ENGINEER:
WILLIAM SEYMOUR & ASSOCIATES, PC
170 NOROTON AVENUE, DARIEN, CT, 06820
(203) 655-3331

Washington Village PHASE 1

13 Day Street/ Parcel 1 / Building A

South Norwalk, CT

PERMIT / PRICING SET
SEPTEMBER 15, 2014

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



101 SUMMER ST BOSTON MA 02110
617-451-3333 www.iconarch.com

CONSULTANT

STAMP



| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: KH,GA,RA
CHECKED BY:

SHEET TITLE

PROJECT DATA

G-003

UNIT MIX SUMMARY

Phase 1

| | | Unit Mix | | | | |
|-------------------------|------------|----------|------|------|------|----------------|
| | | 1BR | 2 BR | 3 BR | 4 BR | Building Total |
| Parcel 1: 13 Day Street | Building A | | 3 | 3 | 4 | 10 |
| Parcel 2: 20 Day Street | Building B | 27 | 38 | 5 | | 70 |
| Subtotal Phase 1 | | 27 | 41 | 8 | | 80 |
| | | 34% | 53% | 9% | 5% | 100% |

ZONING ANALYSIS

| Parcel 1 (Building A) | | 13 Day Street | 9/15/2014 | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------|
| Dimensional Requirements | Required/Allowed by Zoning | Required | Proposed | |
| Height | 5 stories & 60 ft above base flood level for multifamily & mixed use developments which provide a minimum of thirty percent (30%) affordable housing in accordance with Section 8-30g of the Connecticut General Statutes, provided that a minimum of ten percent (10%) the total number of units shall comply with §118-1050 Workforce Housing Regulation | | 3 Stories and 38 Ft. above Base Flood Level | |
| Plot Size | Area | 5,000 SF | 18,792 SF | |
| | Width | 50' | Greater than 50' | |
| Yards | Front | 35 feet min. from centerline. Subject to Sect 118-1000B; except for multifamily and mixed use developments which shall be located not more than ten (10) feet from property line, subject to 118-700 C.(6) | 50% of the facade length shall be located within 10' of property line. | 53% of Day Street; 100% of Hanford Place |
| | Side | None for Multifamily Developments | -- | |
| | Aggregate Side | None for Multifamily Developments | -- | |
| | Rear | None for Multifamily Developments | -- | |
| | Maximum Building Area | None for Multifamily Developments | -- | |
| | Floor Area Ratio, Maximum | 2.00 for Multifamily and mixed-use developments | 17,021 Building A GSF/ 18,792 SF Plot Size SF = 0.91 FAR | |
| | Recreation Area per DU | 150 SF per dwelling unit, may include balconies, courtyards, indoor recreational facilities, landscaped roofs and outdoor recreation areas | 10 DU @ 150 Ea. = 1,500 SF | 2,000± SF |
| | Residential Density | 1,650 sq ft of lot area per dwelling unit, subject to §118-1050; 800 sq ft of lot area per dwelling unit for multifamily developments which provide a minimum of thirty percent (30%) affordable housing in accordance with Section 8-30g of the Connecticut General Statutes, provided that a minimum of ten percent (10%) the total number of units shall comply with §118-1050 Workforce Housing Regulation 1,650 sf of lot area per dwelling | 18,792 SF Plot Size/ 1,650 SF per unit= 11.4 units | 10 |

| Parcel 1 Parking | Required # of Spaces | Proposed # of Spaces |
|---------------------------------------|----------------------|----------------------|
| 2 Spaces per 2 Bedroom or larger unit | 10 units | 20 |

UNIT SIZE MATRIX

| Washington Village Phase 1 Unit Matrix | | | | | | | | | | | | | | | | | | ON architecture inc. | |
|----------------------------------------|----------|----------|------------|----------|------------|------------|------------|------------|------------|------------|----------------------|------------|------------|----------------------------------------|---------------------------------------|--|--|----------------------|--|
| NSF UNIT SUMMARY | | | | | | | | | | | | | | | | | | | |
| Building A | | | | | | | | | | | | | | | | | | | |
| 1BR | | | | | | | | | | | | | | | | | | | |
| A | B | C | D | F1 | E | F2 | G | J | M | A-FLAT | A-DUP | H | L | A-TH | 4BR | | | | |
| | | | | | | | | | | A108 1,069 | A109 632 A110 638 | | | A101 1572 A102 1569 A107 1602 | A104 1,810 A105 1,819 A106 1799 | | | | |
| Subtotal | | | | | | | | | | | | | | | | | | 14,319 | |
| Average | | | | | | | | | | | | | | | | | | 780 | |
| Unit Count | | | | | | | | | | | | | | | | | | 3 | |
| Building B | | | | | | | | | | | | | | | | | | | |
| 1BR | | | | | | | | | | | | | | | | | | | |
| A | B | C | D | F | E | F | G | J | M | X | A-DUP | H | L | TH-K | 4BR | | | | |
| B105 768 | B201 671 | B316 860 | B103 768 | B217 884 | B101 1,008 | B216 1,195 | B208 1,153 | B108 1,198 | B207 1,174 | B403 970 | | B107 1,153 | B106 1,250 | B115 1,690 B116 1,690 B117 1,690 | | | | | |
| B206 768 | B221 730 | B317 879 | B109 754 | B320 877 | B102 1,005 | B319 1,194 | B308 1,153 | B209 1,156 | | | | | | | | | | | |
| B306 768 | B301 671 | B318 880 | B110 769 | | B104 1,005 | | B309 1,156 | B307 1,167 | | | | | | | | | | | |
| | B324 324 | B404 858 | B113 1,005 | | B111 1,076 | | | | | | | | | | | | | | |
| | B401 671 | B405 858 | B204 768 | | B112 1,076 | | | | | | | | | | | | | | |
| | | | B210 771 | | B114 1,005 | | | | | | | | | | | | | | |
| | | | B211 784 | | B202 1,006 | | | | | | | | | | | | | | |
| | | | B214 787 | | B203 1,005 | | | | | | | | | | | | | | |
| | | | B304 768 | | B205 1,005 | | | | | | | | | | | | | | |
| | | | B310 770 | | B212 1,075 | | | | | | | | | | | | | | |
| | | | B311 784 | | B213 1,075 | | | | | | | | | | | | | | |
| | | | B314 783 | | B215 1,022 | | | | | | | | | | | | | | |
| | | | B315 1,022 | | B218 1,024 | | | | | | | | | | | | | | |
| | | | | | B219 994 | | | | | | | | | | | | | | |
| | | | | | B220 973 | | | | | | | | | | | | | | |
| | | | | | B302 1,006 | | | | | | | | | | | | | | |
| | | | | | B303 1,005 | | | | | | | | | | | | | | |
| | | | | | B305 1,005 | | | | | | | | | | | | | | |
| | | | | | B312 1,075 | | | | | | | | | | | | | | |
| | | | | | B313 1,075 | | | | | | | | | | | | | | |
| | | | | | B321 1,024 | | | | | | | | | | | | | | |
| | | | | | B322 994 | | | | | | | | | | | | | | |
| | | | | | B323 973 | | | | | | | | | | | | | | |
| | | | | | B402 1,006 | | | | | | | | | | | | | | |
| | | | | | B407 1,006 | | | | | | | | | | | | | | |
| | | | | | B408 973 | | | | | | | | | | | | | | |
| | | | | | B409 973 | | | | | | | | | | | | | | |
| Subtotal | | | | | | | | | | | | | | | | | | 70,837 | |
| Average | | | | | | | | | | | | | | | | | | 1,052 | |
| Unit Count | | | | | | | | | | | | | | | | | | 37 | |
| Net SF | | | | | | | | | | | | | | | | | | 22,020 | |
| Total Unit Count | | | | | | | | | | | | | | | | | | 28 | |
| Average Unit Size | | | | | | | | | | | | | | | | | | 786 | |
| % of Total | | | | | | | | | | | | | | | | | | 35.00% | |
| 8/21/2014 | | | | | | | | | | | | | | | | | | | |
| 1BR | | | | | | | | | | | | | | | | | | 50.00% | |
| 2BR | | | | | | | | | | | | | | | | | | 10.00% | |
| 3BR | | | | | | | | | | | | | | | | | | 5.00% | |
| 4BR | | | | | | | | | | | | | | | | | | 100.00% | |

BUILDING GROSS & NET SF

11-Sep-14

Parcel 1: 13 Day Street Building A

Parcel 2: 20 Day Street Building B

| Building GSF per Floor Level | | | | | |
|------------------------------|--------------|--------------|-------------|---------------|--------------------|
| Parking Level | First Floor* | Second Floor | Third Floor | Fourth Floor* | Entry Level Access |
| | 6,049 | 5,959 | 5,013 | | |
| | 19,286 | 29,545 | 26,453 | 26,463 | 11,513 |

Bldg GSF

Bldg NET

Bldg GSF

Bldg NET

Total Phase 1

GSF*

NET

| Building Total (Not including parking) | |
|----------------------------------------|---------|
| Bldg GSF | 17,021 |
| Bldg NET | 15,615 |
| Bldg GSF | 94,249 |
| Bldg NET | 68,154 |
| GSF* | 111,270 |
| NET | 83,769 |

* Includes Management and Amenity Space

CODE REVIEW PARCEL 1 - 13 DAY STREET - BUILDING A

CODE REVIEW
Location: Norwalk, CT
Code: 2003 IBC Portion of the 2005
State Building Code State of Connecticut

| Code Requirement | Low-Rise - 3 stories |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Washington Village will be designed to the following: 2003 International Building Code Portion of the 2005 State Building Code of Connecticut, ADA 2010; Fair Housing Act (FHA) 1991 (FHADM 1998 - FHA Design Guidelines); ICC/ANSI A117.1-2003 Accessible and Usable Buildings and Facilities Manual; 2009 International Energy Conservation Code; and applicable City and Zoning Regulations. | |
| General Requirements | |
| Principle Use (Chapter 3, Sections 310.1): | R-2: Residential |
| Type of Construction (Chapter 6, Section 601): | Group R-2: Type VA, Combustible, Protected |
| General Building Height & Area | |
| General Height Limitation (Table 503) | Allowable: R-2: 3 stories, 50 feet (3 stories + 1 story per Section 504.2) |
| Automatic Sprinkler Increase (Section 504.2) | Proposed: R-2: 3 Stories (29 feet) |
| Floor Area Limitation (Table 503) | Allowable: R-2: 12,000 SF Proposed: R-2: 5,150 SF |
| Automatic Sprinkler System Height Increase (Section 504.2) | • For Group R buildings equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.2 (NFPA 13R), the value specified in Table 503 for maximum height is increased by 20 feet, and maximum number of stories is increased by one story, but shall not exceed four stories or 60 feet. Allowable: R-2: 4 stories (60 feet) Proposed: R-2: 3 stories (29 feet) |
| Construction Types | Chapter 6 |
| Fire Rating of Elements (Table 601): | R-2 Occupancies |
| Primary Structural Frame, including columns (Table 601) | 1 hour |
| Exterior Walls: Load Bearing (Table 601) | 1 hour |
| Exterior Walls: Non-Bearing <5 feet separation (Table 602) | 1 hour |
| Exterior Walls: Non-Bearing >5 feet < 10 feet separation (Table 602) | 1 hour |
| Exterior Walls: Non-Bearing ≥ 10 feet < 30 feet separation (Table 602) | 1 hour |
| Interior Walls: Load Bearing | 1 hour |
| Other Non-bearing partitions | 0 hours, but not less than fire resistance rating required by other sections of the code |
| Floor Construction: Secondary Members | 1 hour |
| Roof Construction and Secondary Members | 1 hour 1 hour |
| Dwelling unit demising walls (Section 703.3) | Not less than 1 hour |
| Horizontal Floor Separations (Section 711.3) | Not less than that required by Table 302.3.2. Note: Floor assemblies separating dwelling units in the same building shall be a minimum 1 hour fire resistance rated construction. |
| Fire and Smoke Protection Features | Chapter 7 |
| Fire Rating of Shaft Enclosures (Section 707.4) | Fire-resistance rating for shaft enclosures shall not be less than 2 hours when connecting 4 or more stories. |
| Shafts connecting < 4 stories | Not less than 1 hour |
| Shafts connecting ≥ 4 stories | Not less than 2 hours |
| Fire Partitions (Section 706) | |
| Horizontal Assemblies (Section 712.3) | |
| Fire Partitions (between dwelling units) | Not less than 1 hour (Section 708.3) |
| Horizontal Assemblies (between dwelling units) | 1 hour minimum, but not less than penetrations (section 711.3) |
| Smoke Barriers (Section 709.3) | 1 hour |
| Smoke Partitions (Section 710.3) | Unless required elsewhere in the Code, smoke partitions are not required to have a fire-resistance rating |
| Fire Protection Systems | Chapter 9 |
| Sprinkler System (Section 903.3.1.2) | In accordance with NFPA 13R |
| Automatic Fire Alarm & Detection Systems Group R-2 (Section 907.2.9) | Manual Fire Alarm systems shall be installed in Group R-2 occupancies where: 1. Any dwelling unit located 3 or more stories above the level of exit discharge 2. Any dwelling unit located more than 1-story below level of exit discharge Exceptions: 2. Manual fire alarm boxes not required throughout when following conditions met: a. Building is equipped throughout with automatic sprinkler system in accordance with Section 903.3.1.2 (NFPA 13R) b. Notification appliances activate upon sprinkler flow c. At least 1 fire alarm box is installed in approved location 3. A fire alarm system is not required in buildings that do not have interior corridors serving dwelling units and are protected by an approved automatic sprinkler system in accordance with Section 903.3.1.2 (NFPA 13R) • Shall be installed in accordance with NFPA 72 • Installed outside each sleeping area or bedroom on wall or ceiling • Installed within each room used for sleeping purposes |
| Single & Multiple Station Smoke Alarms (Where Required) (Section 907.2.10.1.2) | |
| Alarm Notification Appliances (Section 907.9.1.4) | All dwelling units within Group R-2 shall be provided with the capability to support visible alarm notification appliance in accordance with ICC A117.1 |
| Means of Egress | Chapter 10 |
| Maximum Floor Area allowed per Occupant | Refer to Table 1004.1.2 Use Group R-2: 200 gross |
| Minimum Ceiling Height (Section 1003.2) | • Minimum ceiling height for means of egress shall be 7'-6" Exceptions: 1. Sloped ceilings in accordance with Section 1208.2 2. Dwelling unit ceilings within Residential units per Section 1208.2 3. Stair headroom in accordance 1009.2 • Stairways: 0.3 in. per person with sprinklers • Doors, corridors and ramps: 0.2 in. per person with sprinklers |
| Capacity of Egress Components (Section 1005.1, Table 1005.1) | Minimum width of egress doors: 32 inches Minimum height of egress doors: 80 inches |
| Egress Doors Capacity (Section 1008.1.1) | |
| Minimum stairway width (Section 1009.1) | • Not less than 44 inches for non accessible means of egress • Not less than 48 inches for accessible means of egress (Section 1007.3) Exception: 1. Stairways serving an occupant load of 50 or less shall have a width of not less than 36 inches. Proposed: 36 inches |
| Headroom (Section 1009.2) | Not less than 80 inches measured vertically from a line connecting the edge of the nosings |

| | |
|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Riser height and tread depth (Section 1009.3) | • Stair risers: 7 inches maximum, 4 inches minimum • Stair treads: 11 inches minimum Exception #4: • Within dwelling units in occupancies in Group R-2, the maximum riser height shall be 8-1/4 inches, and minimum tread depth shall be 9 inches. • A nosing not less than 3/4 inch but not more than 1-1/4 inches shall be provided on stairways with solid risers where the tread depth is less than 11 inches. |
| Stairway Landings (Section 1009.4) | Not less than required width of stair, can not reduce egress width |
| Vertical Rise (Section 1009.6) | Flight of stairs shall be rise no greater than 12 feet between floor levels |
| Handrails (Section 1009.11) | Common Stair: • Continuous both sides • May project 3/8 inches into required stairway width • Not less than 34 inches / no more than 38 inches above nosing • Diameter no less than 1 1/4 inches, no greater than 2 inches Exception #2: Stairways within dwelling units are permitted to have a handrail on only one side of the stair. |
| Handrail Extensions (Section 1009.11.5) | • Handrails shall return to a wall, guard or the walking surface or shall be continuous to the handrail of an adjacent flight. • Where handrails are not continuous between flights, handrails shall extend horizontally in accordance with the following: o 12 inches beyond top riser o 12 inches + depth of tread beyond bottom riser Exception #1: Handrails within a dwelling unit that is not required to be accessible need extend only from the top riser to the bottom riser. |
| Guardrails (Section 1012) | • Maximum 42 inches high (Section 1012.2) Exception #1: For occupancies in Group R-3, and within individual dwelling units in occupancies in Group R-2, guards whose top rail also serves as a handrail shall have a height not less than 34 inches and not more than 38 inches measured vertically from the leading edge of the stair tread nosing. |
| Number of Exits Required (Table 1018.1) | • 2 independent means of egress for 500 or less occupants |
| Accessibility | Chapter 11 |
| Accessible Route Multi-Level Buildings (Section 1104.4) | At least one (1) accessible route shall connect each accessible level, including mezzanines, in multilevel buildings and facilities. |
| Parking & Passenger Loading Facilities (Section 1106.1 & Table 1106.1) | Where parking is provided, accessible parking spaces shall be provided in compliance with Table 1106.1. The number accessible parking spaces shall be determined by the total number spaces provided. Proposed Parking Spaces: 16 surface Required Accessible Spaces: 1, which shall be van-accessible, per Section 1106.5 |
| Accessible Parking Spaces (Section 1106.1.1) | Pursuant to subsection (h) of section 14-253a of Connecticut General Statutes, parking spaces shall be as near as possible to building entrance, and • 15 feet wide, including 5 feet of cross hatch. Cross-hatched portions shall not be shared between spaces. |
| Parking for Groups R-2 & R-3 (Section 1106.2) | Two per cent (2%), but not less than once of each type of parking space provided in occupancies R-2 and R-3, which are required to have Accessible, Type A or Type B dwelling units shall be accessible. |
| Van Spaces (Section 1106.5) | For every six or fraction of six accessible parking spaces, at least one shall be a van-accessible parking space. |
| Van Accessible Parking Spaces (Section 1106.5.1) | Pursuant to subsection (h) of section 14-253a of Connecticut General Statutes, parking spaces for passenger vans designated for the handicapped shall be as near as possible to building entrance, and • 16 feet wide, including 8 feet of cross hatch. Cross-hatched portions shall not be shared between spaces. |
| Dwelling/Sleeping Units (Section 1107.6.2; 1107.6.2.1.1; 1107.6.2.1.2) | Group R-2 Accessible Units • Type A & Type B units shall be provided • 10%; not less than one of the total number of units shall be Type A in accordance with ICC/ANSI A117.1-2003. Type A units shall be dispersed among the various unit types • Where 4 or more dwelling units in a single structure, every dwelling unit intended to be occupied as a residence shall be Type B units in accordance with ICC/ANSI A117.1-2003 Note: All R-2 units on the site, within the building or within the complex, shall be considered to determine the total number of units and the required number of Type A units. Type A units shall be dispersed among the various classes of units. Proposed # of Units: 80 Units total (10 units in building) Type A Units Required: 10 units to be provided in multi-unit building Type B Units Required: 70 units Exception 1 (1106.6.2.1.1): The number of Type A units is permitted to be reduced in accordance with Section 1107.7.5 |
| Design Flood Elevation (Section 1107.7.5) | The required number of Type A & Type B units shall not apply to a site where the lowest floor of the lowest structural building members of non-elevator buildings are required to be at or above the design flood elevation resulting in: 1. A difference in elevation between the minimum required floor elevation at the primary entrances and vehicular & pedestrian arrival points within 50 feet exceeding 30 inches, and 2. A slope exceeding 10 percent between the minimum required floor elevation at the primary entrances & vehicular and pedestrian arrival points within 50 feet. |
| Interior Environment | Chapter 12 |
| Natural Ventilation (Section 1203.4) | Natural Ventilation shall be through windows, doors, louvers or other openings to the outdoors. |
| Ventilation area required (Section 1203.4.1) | Minimum openable area to the outdoors shall be 4% of the floor area being ventilated |
| Contaminants Exhausted (Section 1203.4.2 & 1203.4.2.1) | • Contaminant sources in naturally ventilated spaces shall be removed in accordance with International Mechanical Code & International Fire Code • Bathrooms shall be mechanically ventilated to the outdoors in accordance with the International Mechanical Code • Minimum net glazed area shall not be less than 8% of floor area of room served • Operable windows or windows that can be cleared by firefighters • Area not less than 40 SF for 50 linear feet of perimeter (Sections 403.1 to 403.6) An average illumination of 10 foot-candles (107 lux) over the area of the room at a height of 30 inches A.F.F. |
| Natural Light (Section 1205.1 & 1205.2) | • Minimum net glazed area shall not be less than 8% of floor area of room served • Operable windows or windows that can be cleared by firefighters • Area not less than 40 SF for 50 linear feet of perimeter (Sections 403.1 to 403.6) An average illumination of 10 foot-candles (107 lux) over the area of the room at a height of 30 inches A.F.F. |
| Artificial Light (Section 1205.3) | Means of egress lighting shall be illuminated in accordance with Section 1006.1 • Means of egress lighting, including exit discharge shall be illuminated at all times the building space served by the means of egress is occupied • Means of egress illumination level shall not be less than 1 foot candle (11 lux) at the floor level (Section 1006.2) |
| Emergency Egress Lighting (Section 1205.5) | Not less than 50 (45 field-tested) STC rating |
| Air-borne Sound Transmission (Sections 1207.2) | Not less than 50 (45 field-tested) IIC (impact insulation class) rating |
| Structure-borne Sound Transmission (Section 1207.3) | Not less than 50 (45 field-tested) IIC (impact insulation class) rating |
| Minimum room dimensions (Section 1208.1) | • Minimum width of habitable space, except kitchens: 7 feet in any plan dimension • Kitchens shall have a clear passageway between counters: not less than 36 inches |
| Minimum ceiling heights (Section 1208.2) | • Minimum ceiling height of occupiable spaces: 7 feet 6 inches • Minimum ceiling height in corridors, kitchens, baths, laundry: 7 feet |
| Room area (Section 1208.3) | • Each dwelling unit shall have at least one room minimum 120 NSF • All other habitable rooms shall not be less than 70 NSF |
| Energy Requirements | 2009 International Energy Conservation Code |
| Climate Zone (Table 301.1) | Climate Zone: 5A |
| Insulation & Fenestration Criteria (Section 402.1.1) | • The building thermal envelope shall meet the requirements of Table 402.1.1 based on the climate zone specified in Chapter 3. |
| Building Envelope Requirements: Opaque Walls (Table 402.1.1) | Required: • Fenestration U-Factor: 0.35 • Glazed Fenestration SHGC: NR • Ceiling/Roof R-Value: R-38 • Wood Frame Wall R-Value: R-20 or 13 + 5 (Note 1): *13+5* means R-13 cavity insulation with R-5 insulating sheathing • Floor R-Value: R-30 (Note 2): or insulation to fill the framing cavity, R-19 min.) • Slabs R-Value & Depth: R-10 for 24" Proposed: • Fenestration U-Factor: 0.30 • Glazed Fenestration SHGC: NR • Ceiling/Roof R-Value: R-38 • Wood Frame Wall R-Value: R-20 • Floor R-Value: R-30 • Slabs R-Value & Depth: R-10 for 24" |

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



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617-451-3333 www.iconarch.com

CONSULTANT

STAMP



| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222

DRAWN BY: DW

CHECKED BY:

SHEET TITLE

CODE REVIEW - BUILDING A

G-004

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

E-ICON
ARCHITECTURE

101 SUMMER ST BOSTON MA 02110
617-451-3333 www.iconarch.com

CONSULTANT

STAMP



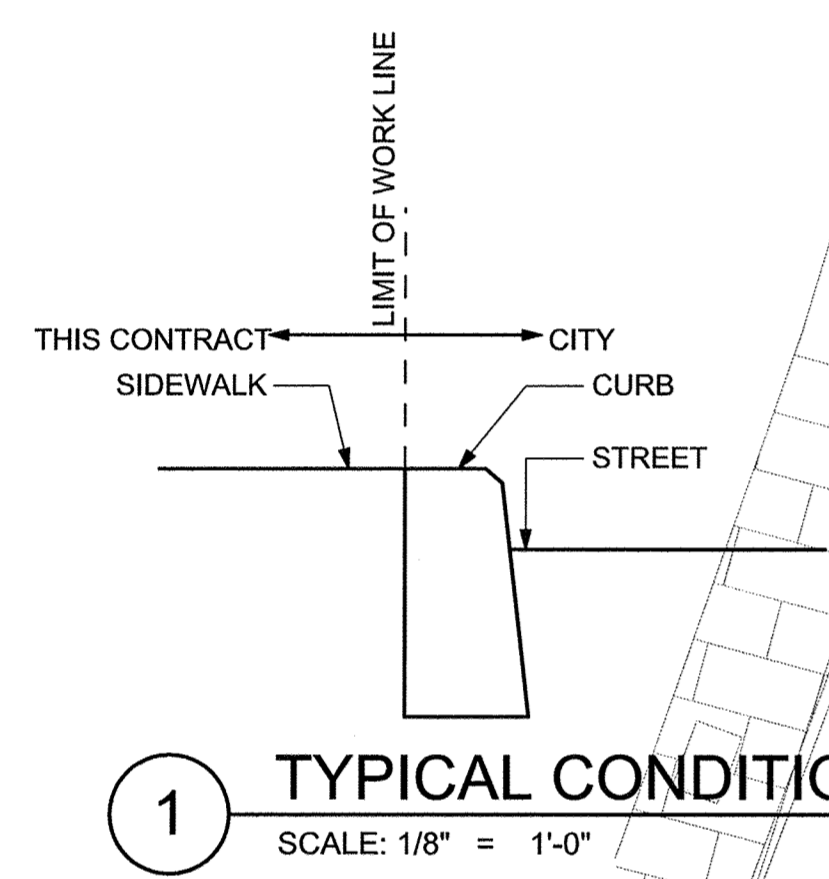
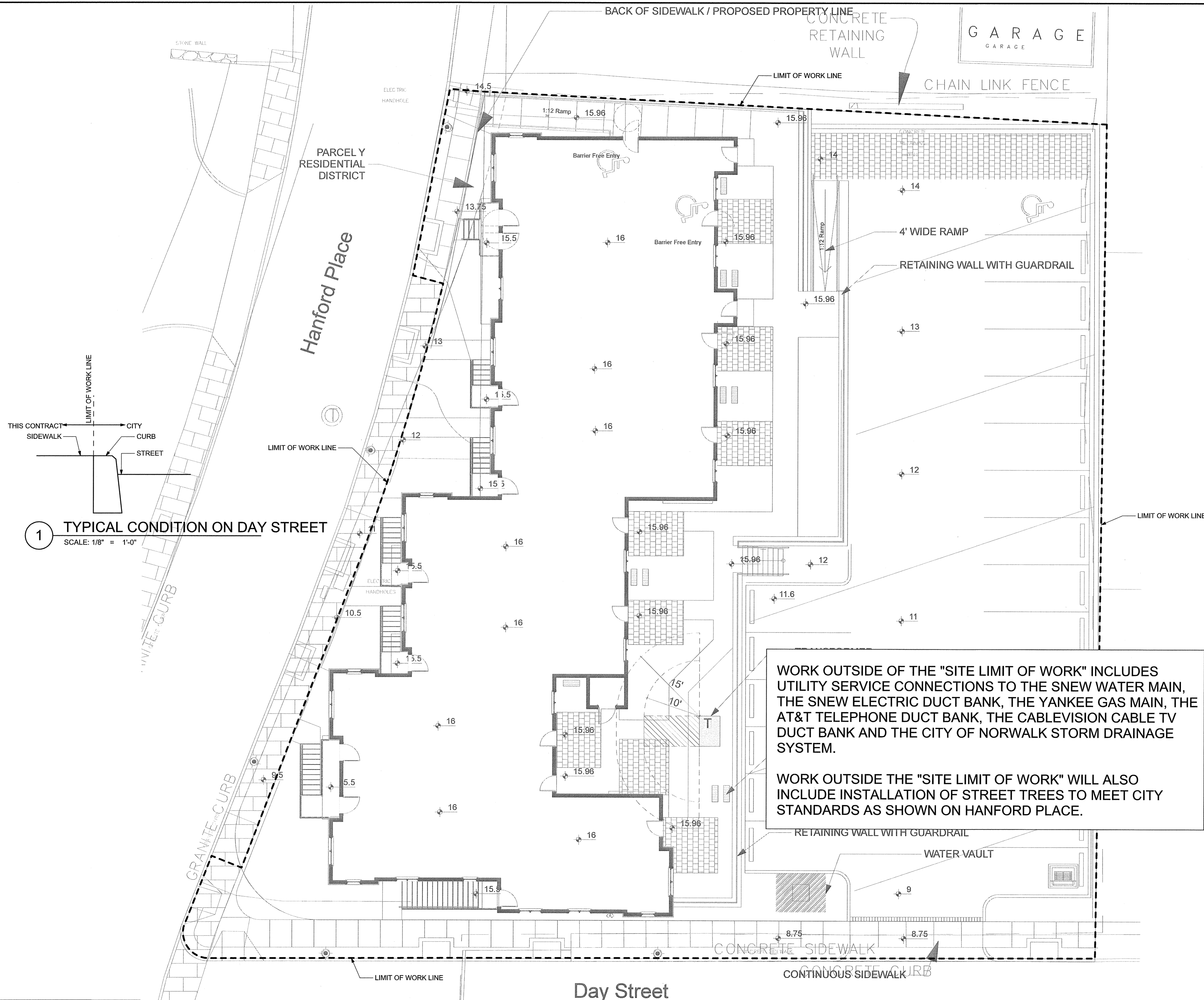
| MARK | DATE | DESCRIPTION |
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| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: KH
CHECKED BY:

SHEET TITLE

LIMIT OF WORK
BUILDING A

G-005



1 TYPICAL CONDITION ON DAY STREET
SCALE: 1/8" = 1'-0"

WORK OUTSIDE OF THE "SITE LIMIT OF WORK" INCLUDES UTILITY SERVICE CONNECTIONS TO THE SNEW WATER MAIN, THE SNEW ELECTRIC DUCT BANK, THE YANKEE GAS MAIN, THE AT&T TELEPHONE DUCT BANK, THE CABLEVISION CABLE TV DUCT BANK AND THE CITY OF NORWALK STORM DRAINAGE SYSTEM.

WORK OUTSIDE THE "SITE LIMIT OF WORK" WILL ALSO INCLUDE INSTALLATION OF STREET TREES TO MEET CITY STANDARDS AS SHOWN ON HANFORD PLACE.

PROPERTY, TOPOGRAPHIC &
ALTA/ACSM LAND TITLE SURVEY
SHEET 1 OF 3 SHEETS
DEPICTING

WASHINGTON VILLAGE, 13 & 20 DAY STREET
PREPARED FOR

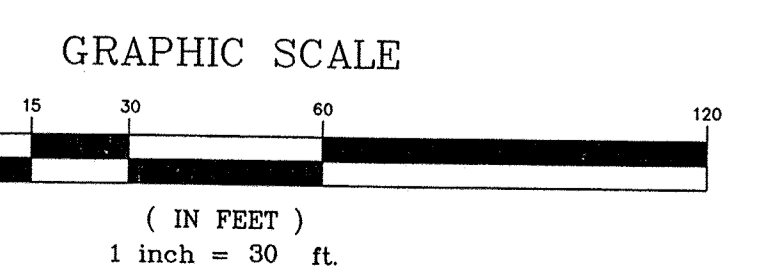
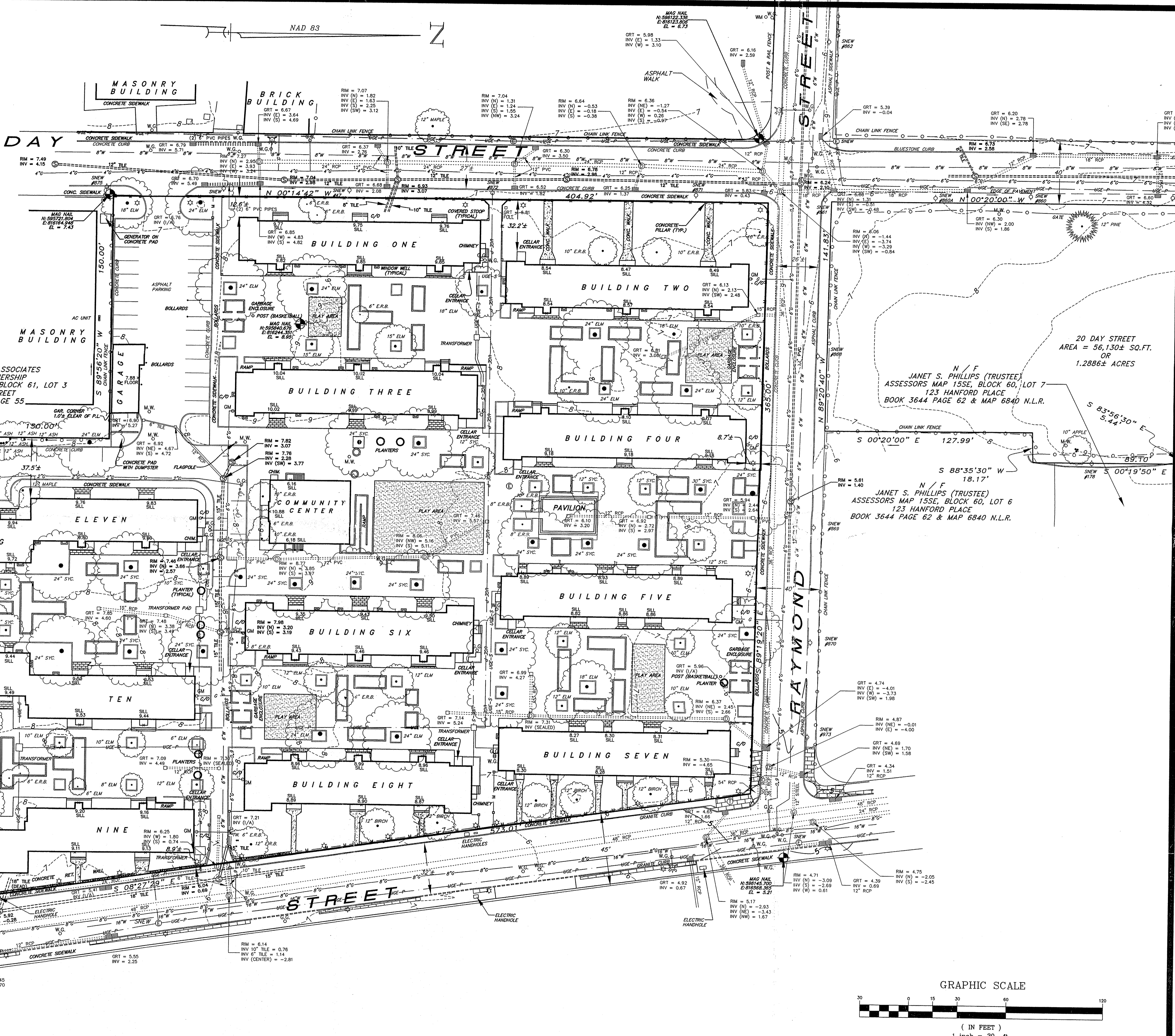
**TRINITY WASHINGTON VILLAGE
LIMITED PARTNERSHIP**

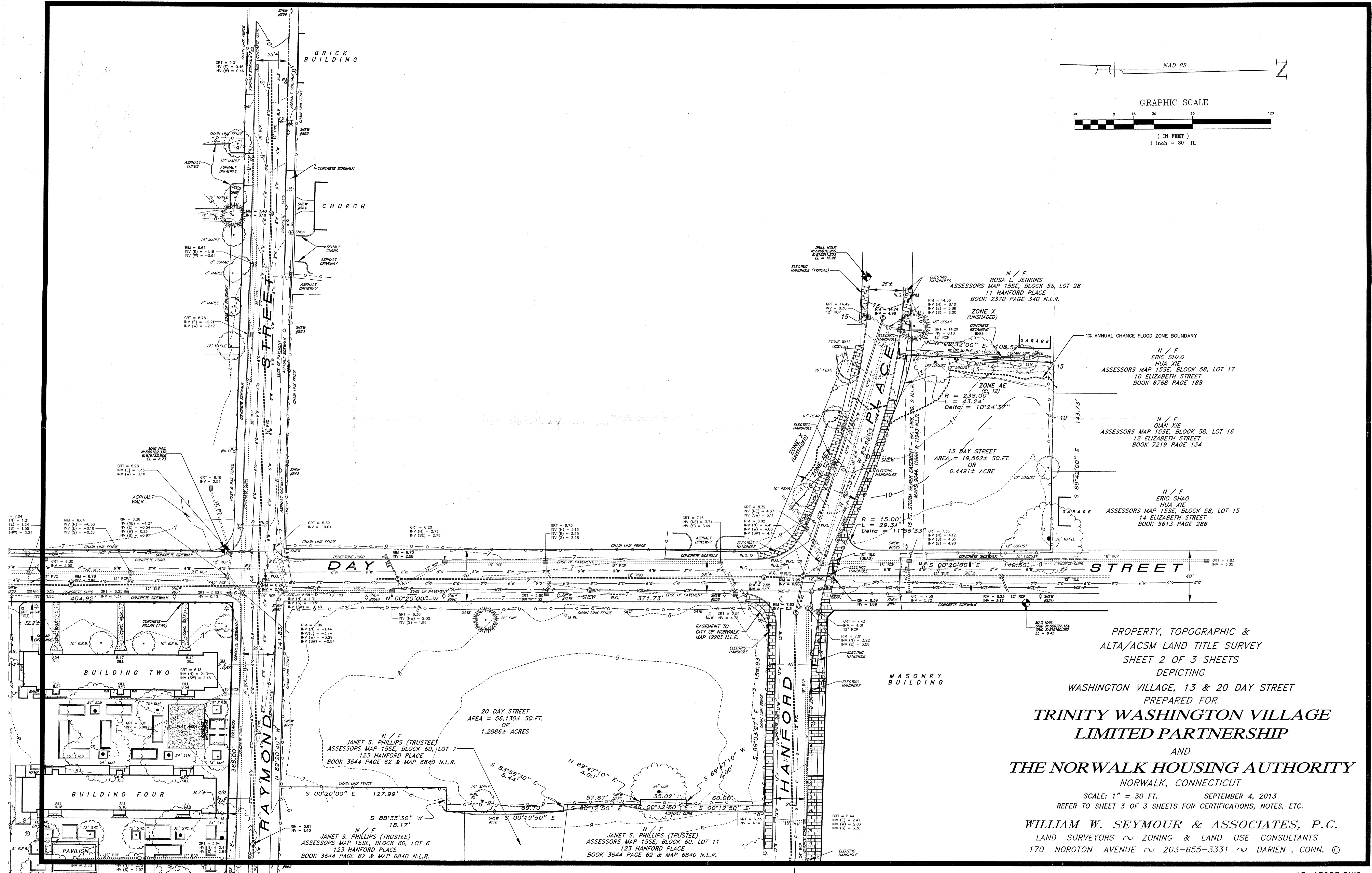
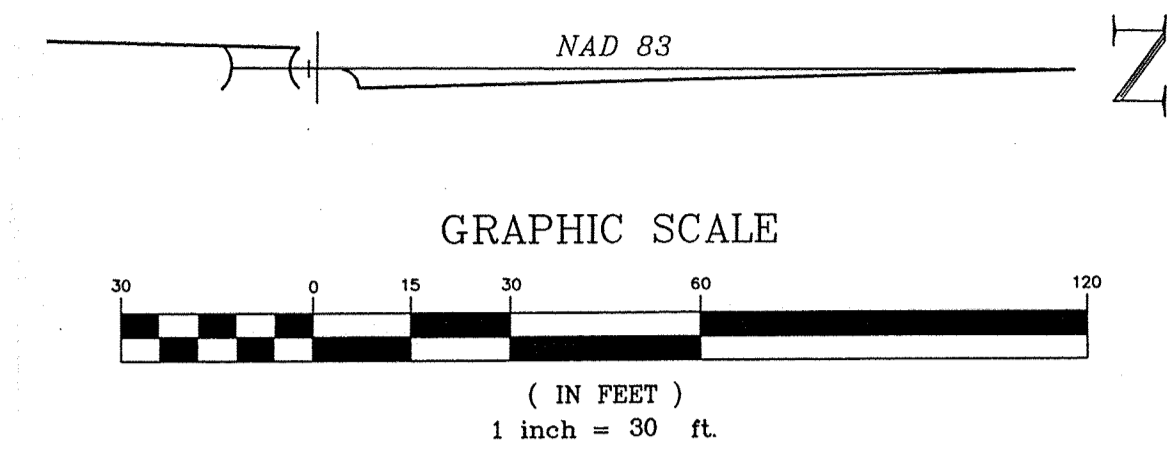
AND
THE NORWALK HOUSING AUTHORITY

NORWALK, CONNECTICUT

SCALE: 1" = 30 FT. SEPTEMBER 4, 2013
REFER TO SHEET 3 OF 3 SHEETS FOR CERTIFICATIONS, NOTES, ETC.

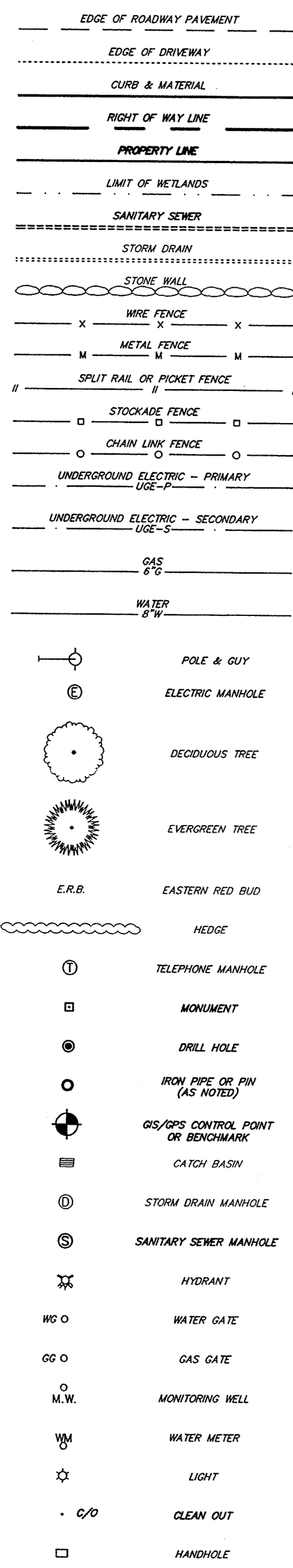
WILLIAM W. SEYMOUR & ASSOCIATES, P.C.
LAND SURVEYORS ~ ZONING & LAND USE CONSULTANTS
170 NOROTON AVENUE ~ 203-655-3331 ~ DARIEN, CONN. ©





PROPERTY, TOPOGRAPHIC &
ALTA/ACSM LAND TITLE SURVEY
SHEET 2 OF 3 SHEETS
DEPICTING
WASHINGTON VILLAGE, 13 & 20 DAY STREET
PREPARED FOR
**TRINITY WASHINGTON VILLAGE
LIMITED PARTNERSHIP**
AND
THE NORWALK HOUSING AUTHORITY
NORWALK, CONNECTICUT
SCALE: 1" = 30 FT. SEPTEMBER 4, 2013
REFER TO SHEET 3 OF 3 SHEETS FOR CERTIFICATIONS, NOTES, ETC.
WILLIAM W. SEYMOUR & ASSOCIATES, P.C.
LAND SURVEYORS ~ ZONING & LAND USE CONSULTANTS
170 NOROTON AVENUE ~ 203-655-3331 ~ DARIEN, CONN. ©

LEGEND



ZONING DATA CHART INDUSTRIAL NO. 1' ZONE - WASHINGTON VILLAGE

Table with 4 columns: REQUIREMENT, EXISTING, PROPOSED. Rows include LOT AREA, FRONT YARD, SIDE YARD, AGGREGATE SIDE YARD, REAR YARD, BUILDING AREA, FLOOR AREA RATIO, BUILDING HEIGHT, RECREATION AREA, RESIDENTIAL DENSITY.

WASHINGTON VILLAGE, NORWALK, CT
DESCRIPTION: Beginning at a point, said point being the intersection of the southerly line of Raymond Street with the easterly line of Day Street...

ZONING DATA CHART INDUSTRIAL NO. 1' ZONE - 13 DAY STREET

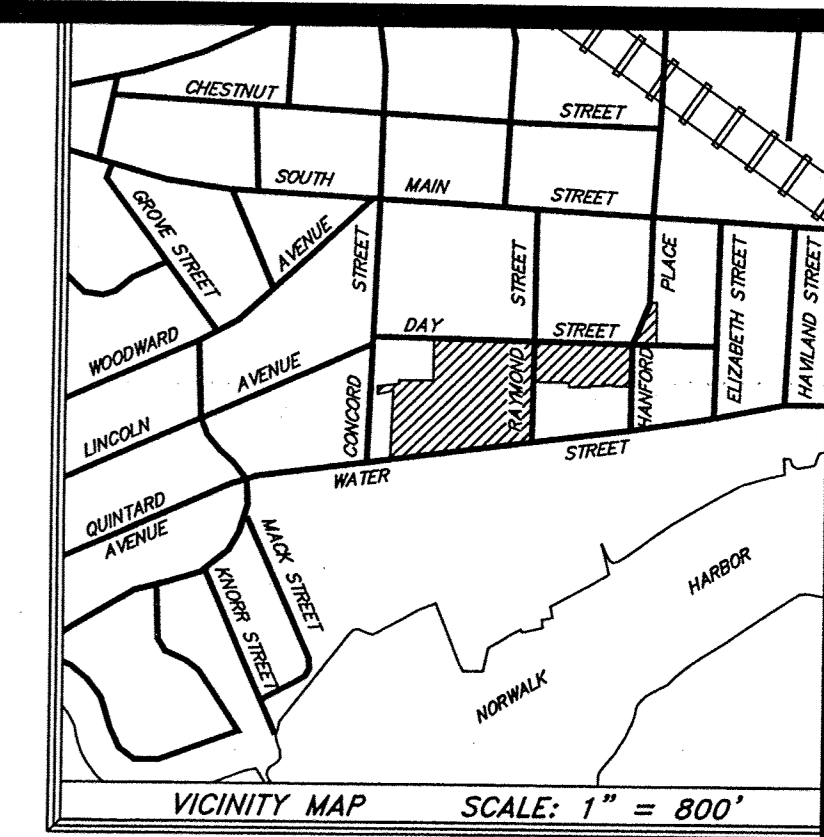
Table with 4 columns: REQUIREMENT, EXISTING, PROPOSED. Rows include LOT AREA, FRONT YARD, SIDE YARD, AGGREGATE SIDE YARD, REAR YARD, BUILDING AREA, FLOOR AREA RATIO, BUILDING HEIGHT, RECREATION AREA, RESIDENTIAL DENSITY.

13 DAY STREET, NORWALK, CT
DESCRIPTION: Beginning at a point on the westerly line of Day Street, said point being the intersection of said westerly line of Day Street with the northerly line of Hanford Place...

ZONING DATA CHART INDUSTRIAL NO. 1' ZONE - 20 DAY STREET

Table with 4 columns: REQUIREMENT, EXISTING, PROPOSED. Rows include LOT AREA, FRONT YARD, SIDE YARD, AGGREGATE SIDE YARD, REAR YARD, BUILDING AREA, FLOOR AREA RATIO, BUILDING HEIGHT, RECREATION AREA, RESIDENTIAL DENSITY.

20 DAY STREET, NORWALK, CT
DESCRIPTION: Beginning at a point, said point being the intersection of the southerly line of Hanford Place with the easterly line of Day Street...



WASHINGTON VILLAGE AREA = 207,419± SQ.FT. OR 4.7617± ACRES

13 DAY STREET AREA = 19,562± SQ.FT. OR 0.4491± ACRES

20 DAY STREET AREA = 56,130± SQ.FT. OR 1.2886± ACRES

PROPERTY, TOPOGRAPHIC & ALTA/ACSM LAND TITLE SURVEY SHEET 3 OF 3 SHEETS DEPICTING WASHINGTON VILLAGE, 13 & 20 DAY STREET PREPARED FOR TRINITY WASHINGTON VILLAGE LIMITED PARTNERSHIP AND THE NORWALK HOUSING AUTHORITY NORWALK, CONNECTICUT

SCALE: 1" = 30 FT. SEPTEMBER 4, 2013 WILLIAM W. SEYMOUR & ASSOCIATES, P.C. LAND SURVEYORS ~ ZONING & LAND USE CONSULTANTS 170 NOROTON AVENUE ~ 203-655-3331 ~ DARIEN, CONN. ©

THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THROUGH 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES...

THIS SURVEY WAS PREPARED FOR A SPECIFIC PURPOSE. ANY USE OTHER THAN FOR THAT WHICH WAS INTENDED IS A MISUSE OF THIS INFORMATION...

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS MAP RENDERS THE PREPARER'S DECLARATION NULL AND VOID.

DISTANCES NOTED +/- FROM BUILDINGS TO PROPERTY LINES ARE FOR REFERENCE PURPOSES ONLY AND ARE NOT TO BE USED TO ESTABLISH PROPERTY BOUNDARIES.

UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS, IF ANY, ARE NOT DEPICTED HEREON. STRUCTURES DEPICTED HEREON ARE MORE THAN THREE (3) YEARS OLD.

SUBJECT PROPERTIES LOCATED IN AN INDUSTRIAL NO. 1' ZONE. ALL BOUNDARY MONUMENTATION FOUND OR SET HAS BEEN DEPICTED HEREON.

REFER TO MAP NOS. 1907, 5740, 7503, 9044, 9375, 10331, 10737, 10851, 11104, 11283, 11284 AND 102010 OF THE NORWALK LAND RECORDS.

REGARDING WASHINGTON VILLAGE: REFER TO BK. 280, PG. 348 AND BK. 281, PG. 605 OF THE NORWALK LAND RECORDS.

REGARDING 13 DAY STREET: REFER TO BK. 2515, PG. 6, BK. 1375, PG. 224 & BK. 1326, PG. 188 OF THE NORWALK LAND RECORDS.

REGARDING 20 DAY STREET: REFER TO BK. 1395, PG. 344, BK. 1387, PG. 292, BK. 1387, PG. 289, BK. 1387, PG. 286, BK. 1385, PG. 234, BK. 1378, PG. 88, BK. 1378, PG. 82, BK. 1378, PG. 80, BK. 1376, PG. 116, BK. 1370, PG. 112, BK. 1359, PG. 279, BK. 1334, PG. 277, BK. 1312, PG. 294, BK. 1312, PG. 292 & BK. 1312, PG. 290 OF THE NORWALK LAND RECORDS.

REFER TO AN UNRECORDED MAP BY TITLED "WASHINGTON VILLAGE HOUSING PROJECT FOR THE HOUSING AUTHORITY CITY OF NORWALK - CONN." SCALE 1" = 20' AND DATED DECEMBER 8, 1939.

INLAND WETLANDS, IF ANY, ARE NOT DEPICTED HEREON. THE 1% ANNUAL CHANCE FLOOD ZONE BOUNDARY DEPICTED HEREON HAS BEEN DERIVED FROM ELEVATIONS NOTED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAPS...

SUBJECT PROPERTIES LIES ENTIRELY WITHIN A COASTAL AREA MANAGEMENT BOUNDARY. THE UNDERGROUND UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS...

PRIOR TO EXCAVATION THE EXACT LOCATION OF THE UTILITIES SHOULD BE CONFIRMED WITH 'CALL BEFORE YOU DIG' @ 1-800-922-4455 AND/OR THE RESPECTIVE UTILITY COMPANIES.

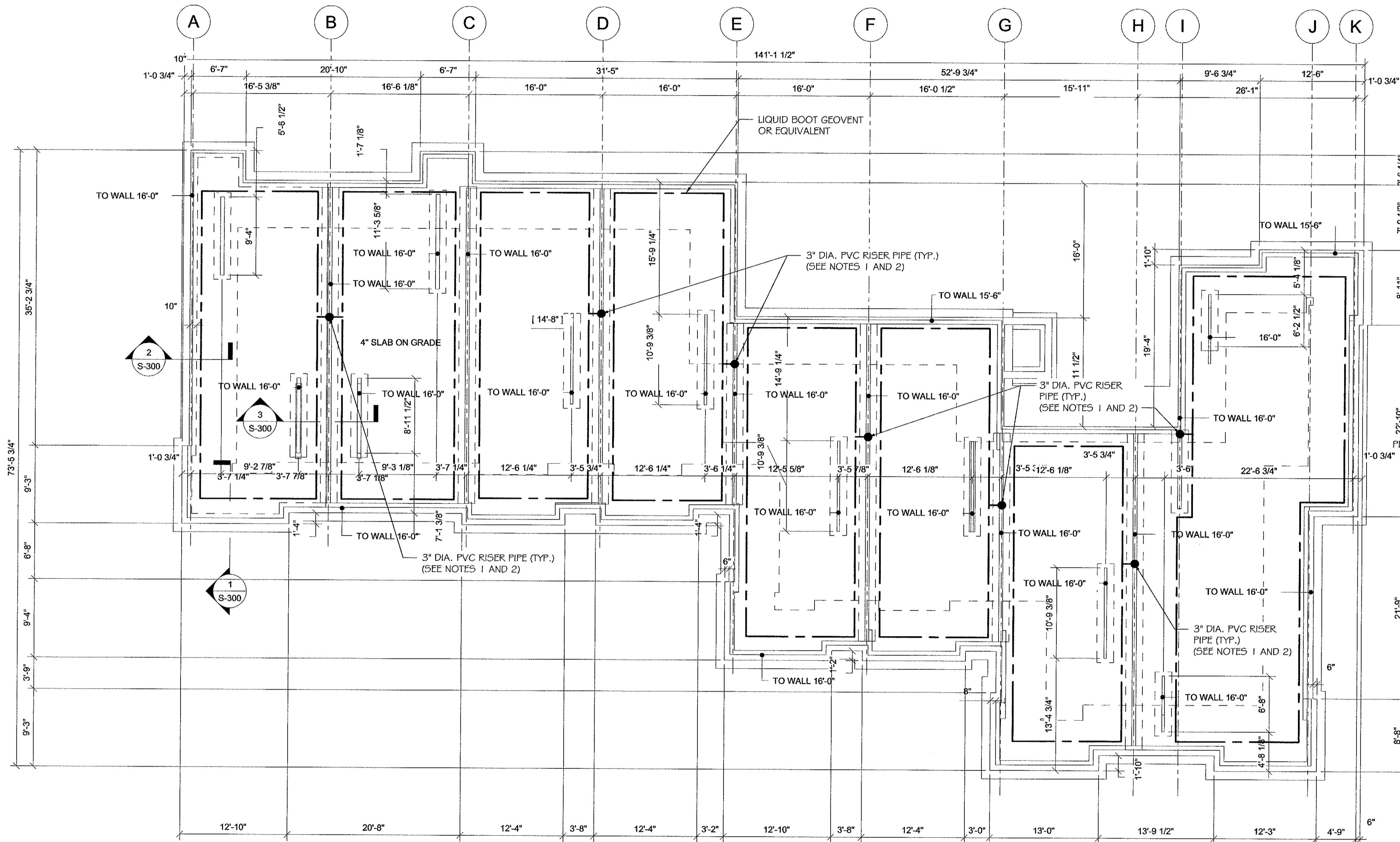
TO: TRINITY WASHINGTON VILLAGE LIMITED PARTNERSHIP TRINITY WASHINGTON VILLAGE, INC. TRINITY FINANCIAL, INC. CITY OF NORWALK NORWALK REDEVELOPMENT AGENCY

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS...

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

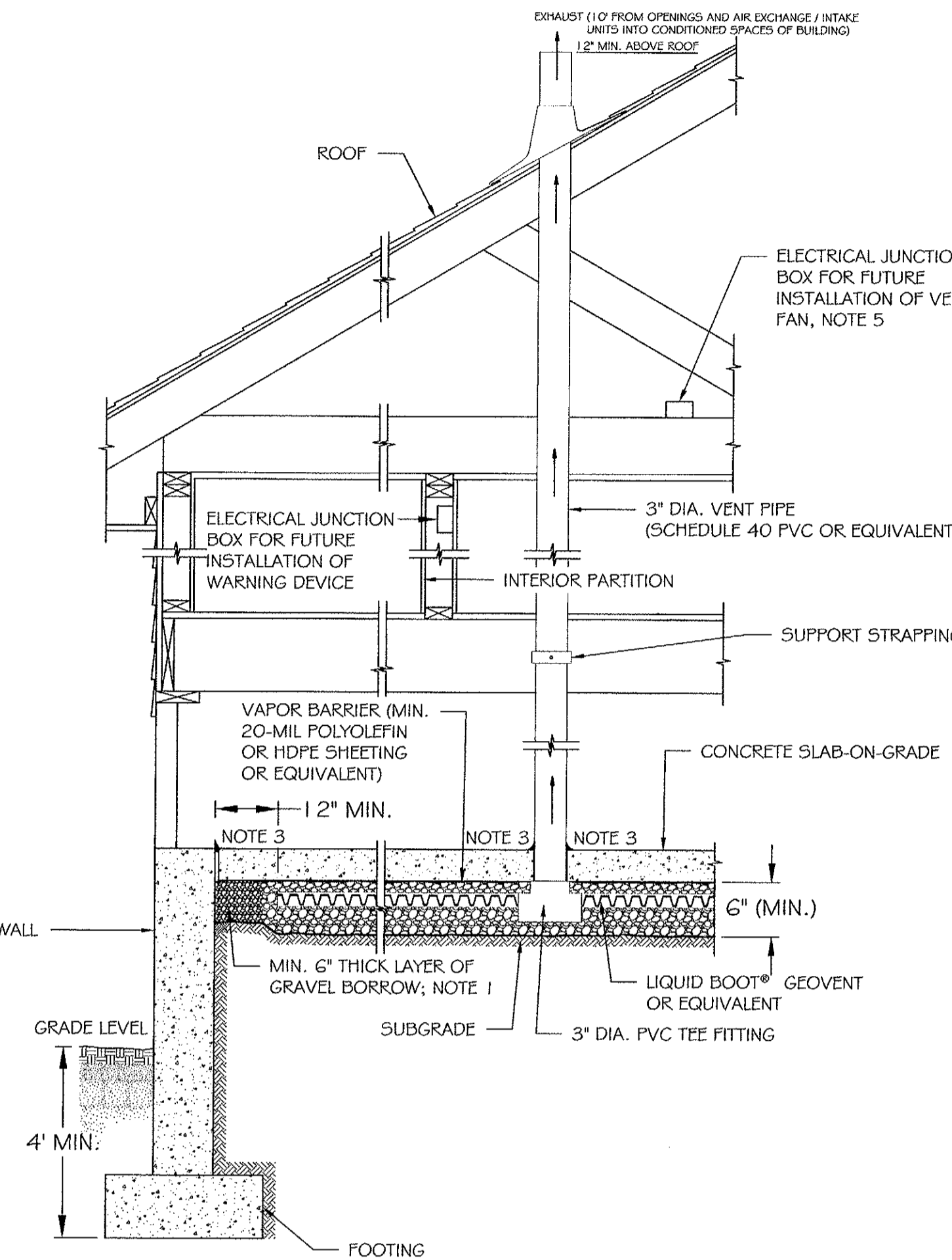
ON 9/4/13 BY Mark S. Lebow

MAR 5. LEBOU, CT PLS #15654



- NOTES:
- EXACT LOCATIONS OF 3-INCH DIA. RISER PIPES SHOULD BE COORDINATED WITH MEP ENGINEER / ARCHITECT.
 - SEAL ALL PENETRATIONS THROUGH SLAB AND SLABWALL JOINTS USING A POLYURETHANE OR AN ELASTOMETRIC JOINT SEALANT.
 - REFER TO PASSIVE SUB SLAB VENTILATION DETAIL DRAWING G2.0.

GENERAL NOTE:
 THE EXCAVATION, HANDLING, AND MANAGEMENT OF ALL SITE SOILS, INCLUDING THE ON-SITE REUSE OF EXISTING SITE SOILS TO THE FULLEST EXTENT FEASIBLE, SHALL BE PERFORMED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION SECTION 02300 AND THE SOIL MANAGEMENT PLAN PREPARED FOR USE ON THIS PROJECT, PURSUANT TO THE STATE OF CONNECTICUT REMEDIATION STANDARD REGULATIONS (RSRS).
 LAWN/LANDSCAPED AREAS OF THE SITE NOT COVERED BY THE PROPOSED BUILDINGS, CONCRETE OR PAVEMENT SHALL BE COVERED BY A GEOTEXTILE MARKER BARRIER AND A MINIMUM 4-FOOT SURFICIAL THICKNESS OF "CLEAN" SOIL, MEETING THE CT RSRS, AT FINISHED GRADE.



PASSIVE SUB SLAB VENTILATION SYSTEM DETAIL
 N.T.S.

- NOTES:
- ALL CONCRETE SLABS THAT COME IN CONTACT WITH THE GROUND SHALL BE LAID OVER A GAS PERMEABLE MATERIAL MADE UP OF A MINIMUM 6" THICK UNIFORM LAYER OF GRAVEL BORROW.
 - LIQUID BOOT GEOVENT OR EQUIVALENT PRODUCT SHALL BE INSTALLED WITHIN A MINIMUM 6" THICKNESS OF 3/4" CRUSHED STONE.
 - ALL OPENINGS, GAPS AND JOINTS IN FLOOR AND WALL ASSEMBLIES IN CONTACT WITH SOIL OR GAPS AROUND PIPES, TOILETS, BATHTUBS OR DRAINS PENETRATING THESE ASSEMBLIES SHALL BE FILLED OR CLOSED WITH MATERIALS THAT PROVIDE A PERMANENT AIR-TIGHT SEAL. SEAL LARGE OPENINGS WITH NON-SHRINK MORTAR, GROUTS OR EXPANDING FOAM MATERIALS AND SMALLER GAPS WITH AN ELASTOMERIC JOINT SEALANT, AS DEFINED IN ASTM C920-87.
 - VENT PIPES SHALL BE INSTALLED SO THAT ANY RAINWATER OR CONDENSATION DRAINS DOWNWARD INTO THE GROUND BENEATH THE SLAB OR VAPOR BARRIER.
 - ADD ELECTRIC JUNCTION BOXES FOR FUTURE INSTALLATION OF VENT FAN AND WARNING DEVICE IF NECESSARY. CIRCUITS SHOULD BE A MINIMUM 15 AMP, 115 VOLT.
 - REFER TO PASSIVE RADON CONTROL SYSTEM LAYOUT DRAWINGS.



Washington Village Phase 1

13 Day Street Building A

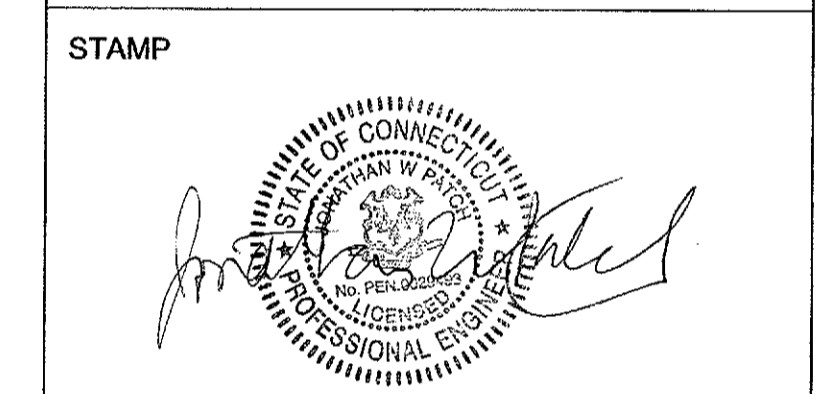
Norwalk, CT

Trinity Washington Village Limited Partnership
 &
 the Norwalk Housing Authority

E-ICON
 ARCHITECTURE
 101 SUMMER ST BOSTON MA 02110
 617-451-3333 www.iconarch.com

CONSULTANT

 2269 Massachusetts Avenue
 Cambridge, MA 02140
 617/868-1420
 617/868-1423 (Fax)
 Geotechnical and
 Geoenvironmental Engineers

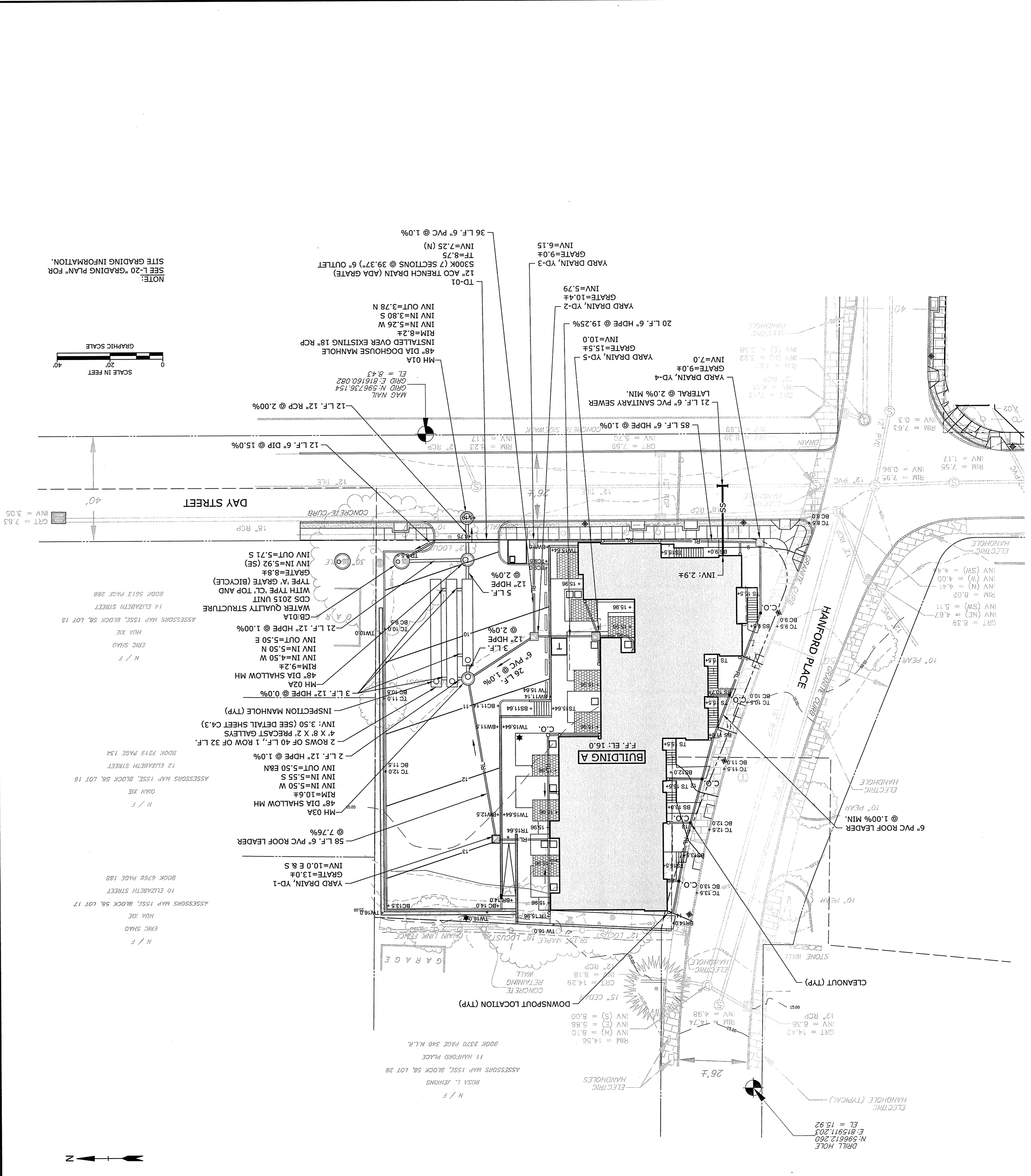


| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

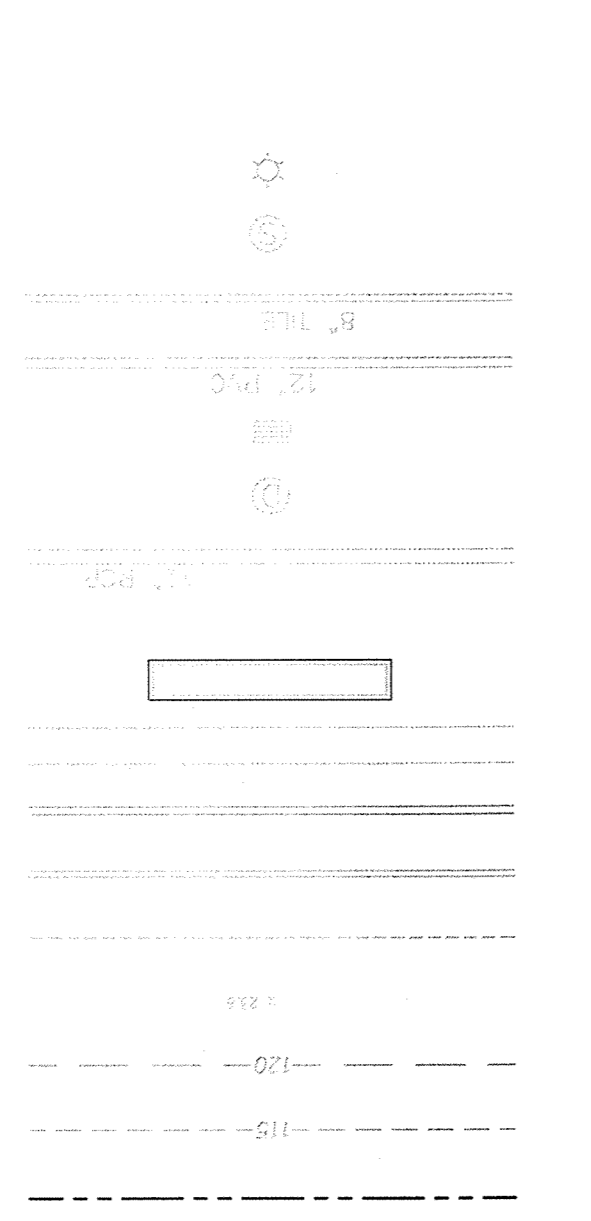
PROJECT NO.:
 DRAWN BY:
 CHECKED BY:

SHEET TITLE
**PASSIVE SUB
 SLAB VENTILATION
 SYSTEM
 BUILDING A**

GT1.0



- CLEANOUT
- YARD DRAIN
- LIGHT POLE
- SANITARY MANHOLE
- SANITARY LATERAL
- SANITARY SEWER
- CATCH BASIN
- STORM MANHOLE
- STORM SEWER
- TEST PIT
- BUILDING
- CONCRETE WALK
- RETAINING WALL
- CURB LINE
- EDGE OF PAVEMENT
- SPOT ELEVATION
- MAJOR CONTOUR
- MINOR CONTOUR
- PROPERTY LINE



- ### SITE STORM AND SANITARY SEWER PLAN NOTES
- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED HEREON HAVE BEEN COMPLETED, IN PART, FROM RECORD MAPPING AND OTHER DATA SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES, GOVERNMENTAL AGENCIES AND/OR OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH DATA MAY EXIST ON SITE. THE EXISTENCE OF WHICH ARE UNKNOWN TO TIGHE & BOND. THE EXISTENCE, SIZE AND LOCATION OF ALL SUCH FEATURES MUST BE DETERMINED AND VERIFIED IN THE FIELD BY APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION @ CALL-BEFORE-YOU-DIG 1-800-922-4455.
 - REFERENCE IS MADE TO PLAN ENTITLED "PROPERTY, TOPOGRAPHIC & UTILITIES SURVEY" PREPARED FOR TRINITY WASHINGTON VILLAGE LIMITED PARTNERSHIP AND THE NORWALK HOUSING AUTHORITY, PREPARED BY WILLIAM W. SEYMOUR & ASSOCIATES P.C., DATED SEPTEMBER 4, 2013.
 - THE CONTRACTOR SHALL OBTAIN A CITY OF NORWALK EXCAVATION STREET OPENING PERMIT PRIOR TO ANY WORK BEING PERFORMED WITHIN CITY RIGHT-OF-WAY.
 - ANY AND ALL WORK PERFORMED ON THE CITY OF NORWALK RIGHT-OF-WAY SHALL BE REQUIRED TO MEET THE CITY STANDARDS.
 - THE GENERAL CONTRACTOR SHALL PROVIDE FIELD ENGINEERING SERVICES TO ESTABLISH AND RECORD GRADES, LINES, AND ELEVATIONS.
 - THE CONTRACTOR SHALL ADJUST THE TOP OF FRAME/GRATE ELEVATIONS OF ALL EXISTING AND PROPOSED SANITARY/STORM/WATER MANHOLES, CATCH BASINS, AREA DRAINS, VALVE COVERS AND APPURTENANCES, WITHIN THE PROJECT LIMIT LINE TO MEET THE PROPOSED GRADES.
 - THE CONTRACTOR SHALL COMPLY/VERIFY THE EXACT SIZES, LOCATIONS, ELEVATIONS, OF ALL PROPOSED BUILDINGS UTILITY SERVICES WITH THE PROJECT MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS PRIOR TO ANY CONSTRUCTION OPERATIONS.
 - EXCAVATION OF ANY TYPE SHALL BE ACCOMPLISHED IN SUCH A MANNER THAT UNDERGROUND UTILITIES OR STRUCTURES ARE NOT DAMAGED. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY FOR ANY DAMAGED REQUIREMENTS.
 - THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE RESPECTIVE UTILITY COMPANIES.
 - ALL DRIVEWAYS, ROADS, STAIRS, AND SIDEWALKS DISTURBED BY THE CONSTRUCTION IN OR OUTSIDE THE PROJECT LIMIT LINE SHALL BE RETURNED TO THEIR ORIGINAL CONDITION OR BETTER AND SHALL BE GRADED TO MEET THE PROPOSED CONSTRUCTION AS DIRECTED BY THE OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
 - ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITIES AND IS NOT PROVIDED WITH A SPECIFIC SITE IMPROVEMENT (PAVING, SIDEWALK, LANDSCAPING, ETC.) SHALL HAVE 4" TOPSOIL AND TURF ESTABLISHMENT IN ACCORDANCE WITH THE PROJECT LANDSCAPE SPECIFICATIONS.
 - THE LOCATIONS OF ITEMS NOT DIMENSIONED ON THE DRAWINGS SHALL BE FIELD STAKED BY THE CONTRACTOR AND THEIR LOCATIONS APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
 - INSTALL CLEANOUT TO GRADE 5' OFF FACE OF BUILDING ON ALL SANITARY LATERALS.
 - INSPECT MANHOLE FRAME AND COVER SHALL BE CENTERED ON THE PRECAST OPENING. UNDER NO CIRCUMSTANCES WILL AN OFFSET FRAME AND COVER BE ACCEPTABLE. PRIOR TO FINAL PAVING, THE CONTRACTOR SHALL CHECK ALL MANHOLE STRUCTURES TO ASSURE THE FRAME AND COVER IS CENTERED ON THE PRECAST OPENING, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL WORK REQUIRED TO CENTER FRAME AND COVER.
 - INSTALL "FERRO-C" STYLE FLEXIBLE COUPLINGS AT ALL LOCATIONS WHERE JOINING PIPES OF DIFFERENT MATERIALS AND/OR SIZES PER MANUFACTURER'S RECOMMENDATIONS.
 - ALL PIPES AND FITTINGS SPECIFIED AS HDPE SHALL BE ADS N-12 WT (WATER TIGHT) PIPE AS MANUFACTURED BY ADVANCED DRAINAGE SYSTEMS, HILLIARD, OHIO.
 - VERTICAL DATUM: NAVD83
 - ALL ROOF DRAINS SHALL BE 6" PVC @ 1.0% MINIMUM SLOPE UNLESS NOTED OTHERWISE ON PLAN.
 - THE CONTRACTOR SHALL MAINTAIN EXISTING RUNOFF AND STORM SEWER FLOWS BY PUMPING OR OTHER MEANS APPROVED BY THE OWNERS REPRESENTATIVE DURING CONSTRUCTION.
 - THE EXCAVATION, HANDLING, AND MANAGEMENT OF ALL SITE SOILS, INCLUDING THE ON-SITE REUSE OF EXISTING SITE SOILS TO THE FULLEST EXTENT FEASIBLE, SHALL BE PERFORMED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION SECTION 02300 AND THE SOIL MANAGEMENT PLAN PREPARED FOR USE ON THIS PROJECT, PURSUANT TO THE STATE OF CONNECTICUT REMEDIATION STANDARD REGULATIONS (RSRS). LAWN/LANDSCAPED AREAS OF THE SITE NOT COVERED BY THE PROPOSED BUILDINGS, CONCRETE OR PAVEMENT SHALL BE COVERED BY A GEOTEXTILE MARKER BARRIER AND A MINIMUM 4-FOOT SURFICIAL THICKNESS OF "CLEAN" SOIL, MEETING THE CT RSRS, AT FINISHED GRADE.

Washington Village

Phase 1

Building A

13 Day Street

Norwalk, CT

Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

F-ICON ARCHITECTURE

101 SUMMER ST BOSTON MA 02110
617-451-3333
www.ficonarch.com

CONSULTANT

1000 Bridgeport Avenue
Suite 320
Shelton, CT 06484
(203) 712-1100
www.tighebond.com

STAMP

SHEET TITLE

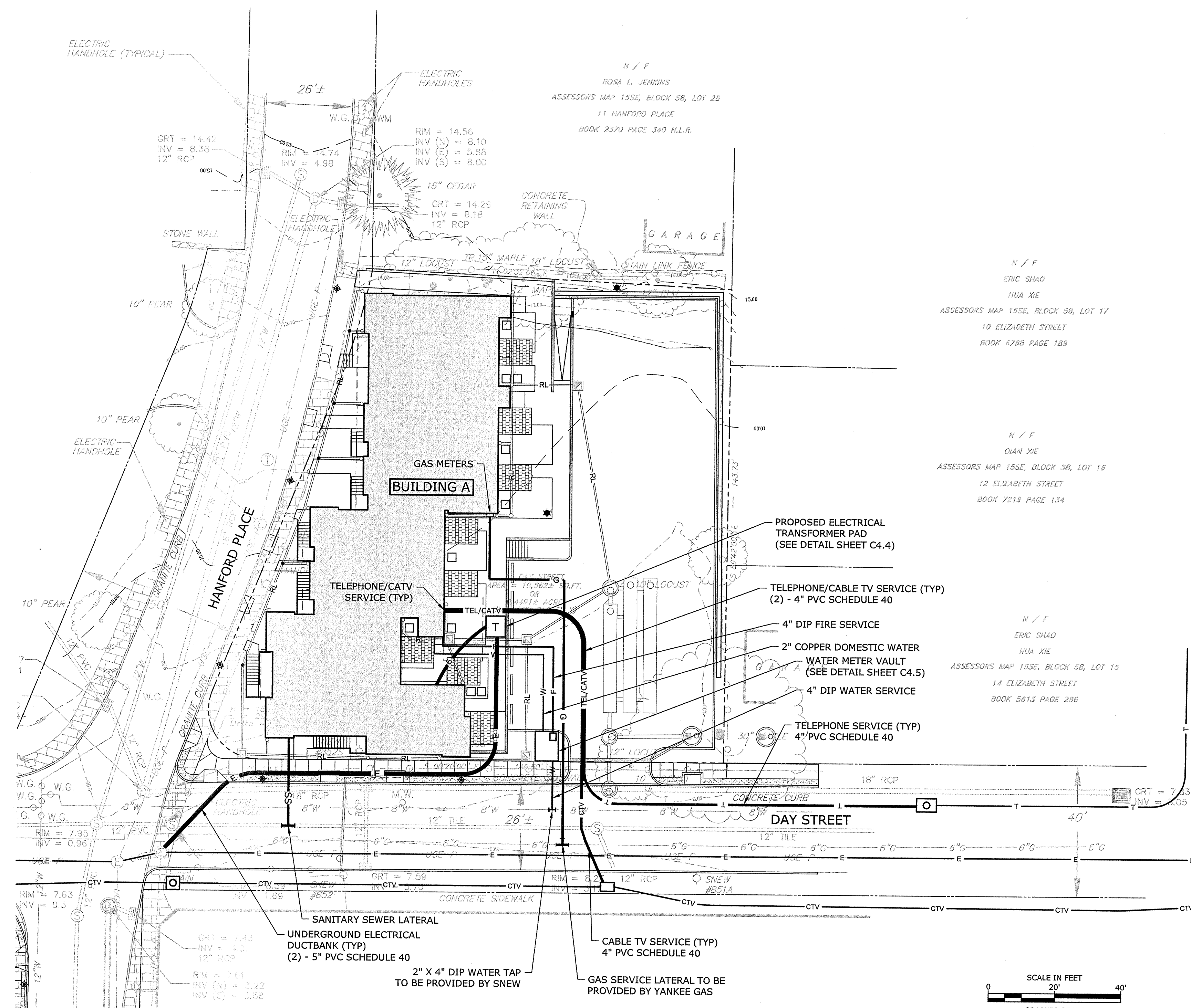
SITE STORM AND SANITARY SEWER PLAN

CL.1

| MARK | DATE | DESCRIPTION |
|------|------------|--------------------|
| 4 | 09-15-2014 | PERMIT PRICING |
| 3 | 08-13-2014 | PRICING |
| 2 | 11-18-2013 | 40% CHFA |
| 1 | 09-18-2013 | CAM/SPECIAL PERMIT |

PROJECT NO.: 10071
DRAWN BY: MDS
CHECKED BY: AJM

9/9/2014 1:30 PM



NOTE:
 PROPOSED ELECTRIC, TELEPHONE AND CABLE TV DUCT BANK
 AS PER "RAYMOND AND DAY STREET IMPROVEMENT
 PROJECT" PLANS AS PREPARED FOR THE NORWALK
 REDEVELOPMENT AGENCY AND THE NORWALK DPW.

SITE UTILITY NOTES

- UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING AND OTHER DATA SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES, GOVERNMENTAL AGENCIES AND/OR OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH DATA MAY EXIST ON SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO TIGHE & BOND. THE EXISTENCE, SIZE AND LOCATION OF ALL SUCH FEATURES MUST BE DETERMINED AND VERIFIED IN THE FIELD BY APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION @ CALL-BEFORE-YOU-DIG 1-800-922-4455.
- REFERENCE IS MADE TO PLAN ENTITLED "PROPERTY, TOPOGRAPHIC & ALTA/ACSM LAND TITLE SURVEY" PREPARED FOR TRINITY WASHINGTON VILLAGE LIMITED PARTNERSHIP AND THE NORWALK HOUSING AUTHORITY, PREPARED BY WILLIAM W. SEYMOUR & ASSOCIATES P.C., DATED SEPTEMBER 4, 2013.
- THE CONTRACTOR SHALL ADJUST THE TOP OF FRAME/GRATE ELEVATIONS OF ALL EXISTING AND PROPOSED WATER MANHOLES, WATER GATES, GAS GATES, VALVE COVERS AND APPURTENANCES, WITHIN THE PROJECT LIMIT LINE TO MEET THE PROPOSED GRADES.
- THE CONTRACTOR SHALL COORDINATE/VERIFY THE EXACT SIZES, LOCATIONS, ELEVATIONS, OF ALL PROPOSED BUILDING'S UTILITY SERVICES WITH THE PROJECT MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS PRIOR TO ANY CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE WORK DONE BY THE RESPECTIVE UTILITY COMPANIES.
- FOR INFORMATION ON THE PRIMARY ELECTRICAL WIRING AND THE SECONDARY ELECTRICAL CONDUITS, WIRING, AND MATERIALS - SEE PROJECT ELECTRICAL DRAWINGS.
- WATER AND FIRE PROTECTION SERVICES AND HYDRANT ASSEMBLY SHALL CONFORM TO THE REQUIREMENTS OF SOUTH NORWALK ELECTRIC AND WATER. CONTRACTOR SHALL COORDINATE ALL WATER MAIN TAPS WITH SOUTH NORWALK ELECTRIC AND WATER.
- TRANSFORMER PADS SHALL BE CONSTRUCTED ABOVE THE BASE FLOOD ELEVATION AND FLOOD PROOFED WITH A PASSIVE SYSTEM.
- VERTICAL DATUM: NAVD88
- SEE LANDSCAPE ARCHITECTS PLAN FOR SITE LIGHTING.
- THE EXCAVATION, HANDLING, AND MANAGEMENT OF ALL SITE SOILS, INCLUDING THE ON-SITE REUSE OF EXISTING SITE SOILS TO THE FULLEST EXTENT FEASIBLE, SHALL BE PERFORMED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION SECTION 02300 AND THE SOIL MANAGEMENT PLAN PREPARED FOR USE ON THIS PROJECT, PURSUANT TO THE STATE OF CONNECTICUT REMEDIATION STANDARD REGULATIONS (RSRS). LAWN/LANDSCAPED AREAS OF THE SITE NOT COVERED BY THE PROPOSED BUILDINGS, CONCRETE OR PAVEMENT SHALL BE COVERED BY A GEOTEXTILE MARKER BARRIER AND A MINIMUM 4-FOOT SURFICIAL THICKNESS OF "CLEAN" SOIL, MEETING THE CT RSRS, AT FINISHED GRADE.

SITE UTILITY PLAN LEGEND

| | EXISTING | PROPOSED |
|---------------------|----------|----------|
| PROPERTY LINE | --- | --- |
| MINOR CONTOUR | --- | --- |
| MAJOR CONTOUR | --- | --- |
| EDGE OF PAVEMENT | --- | --- |
| CURB LINE | --- | --- |
| RETAINING WALL | --- | --- |
| CONCRETE WALK | --- | --- |
| BUILDING | [Symbol] | [Symbol] |
| TEST PIT | | [Symbol] |
| WATER MAIN | [Symbol] | [Symbol] |
| WATER GATE | [Symbol] | [Symbol] |
| HYDRANT | [Symbol] | [Symbol] |
| GAS MAIN | [Symbol] | [Symbol] |
| GAS GATE | [Symbol] | [Symbol] |
| GAS METER | [Symbol] | [Symbol] |
| TEL-DATA - BURIED | [Symbol] | [Symbol] |
| TEL-DATA MANHOLE | [Symbol] | [Symbol] |
| ELECTRICAL - BURIED | [Symbol] | [Symbol] |
| ELECTRICAL MANHOLE | [Symbol] | [Symbol] |
| ELECTRICAL HANDHOLE | [Symbol] | [Symbol] |
| LIGHT POLE | [Symbol] | [Symbol] |
| UTILITY POLE | [Symbol] | [Symbol] |
| STORM SEWER | [Symbol] | [Symbol] |
| STORM MANHOLE | [Symbol] | [Symbol] |
| CATCH BASIN | [Symbol] | [Symbol] |

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT
 Trinity Washington Village Limited Partnership
 &
 the Norwalk Housing Authority

E-ICON
 ARCHITECTURE
 101 SUMMER ST BOSTON MA 02110
 617-451-3333 www.iconarch.com

CONSULTANT
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 (203) 712-1100

STAMP

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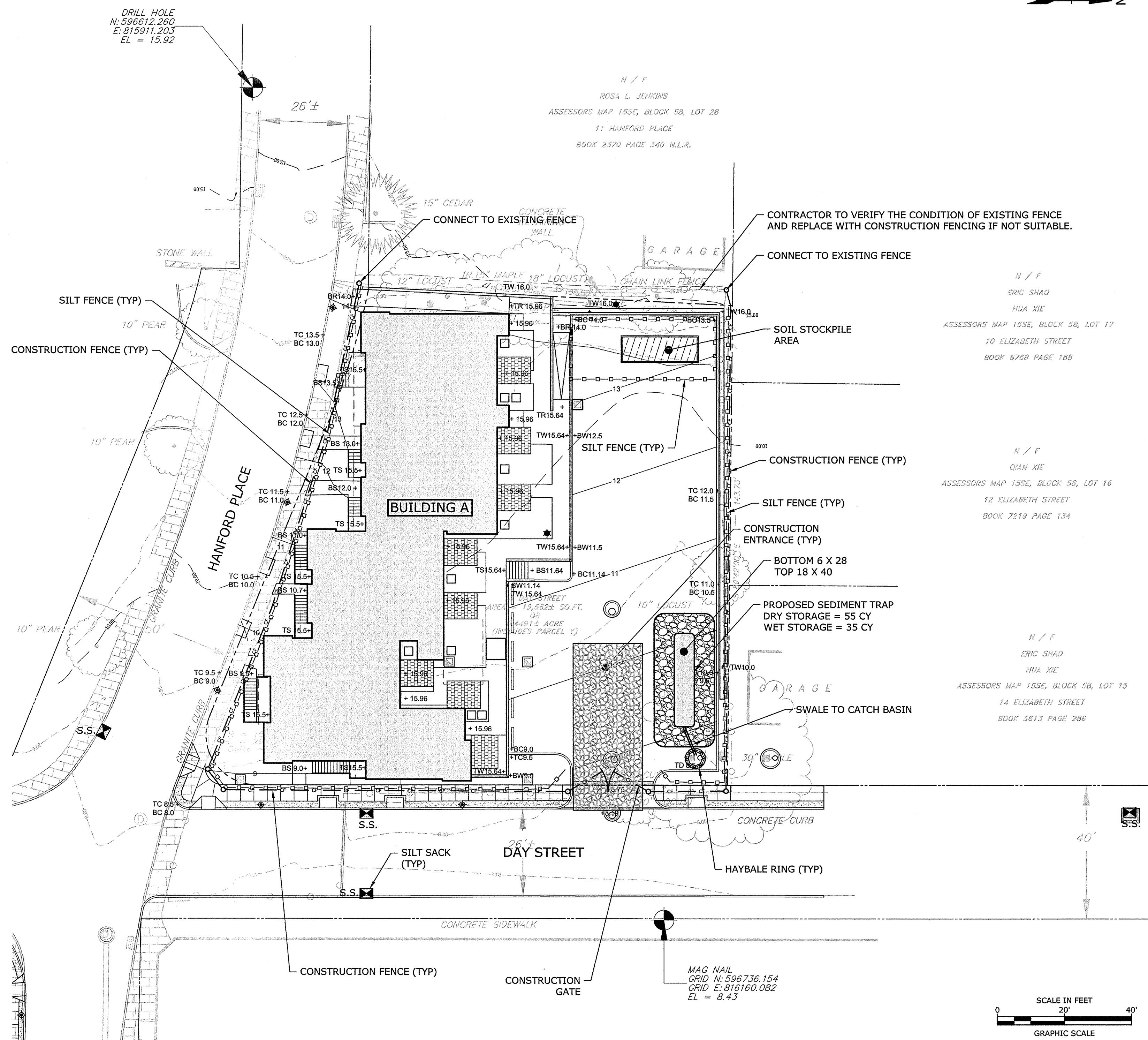
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 DRAWN BY: MDS
 CHECKED BY: AJM

SHEET TITLE

SITE UTILITY PLAN

C2.1

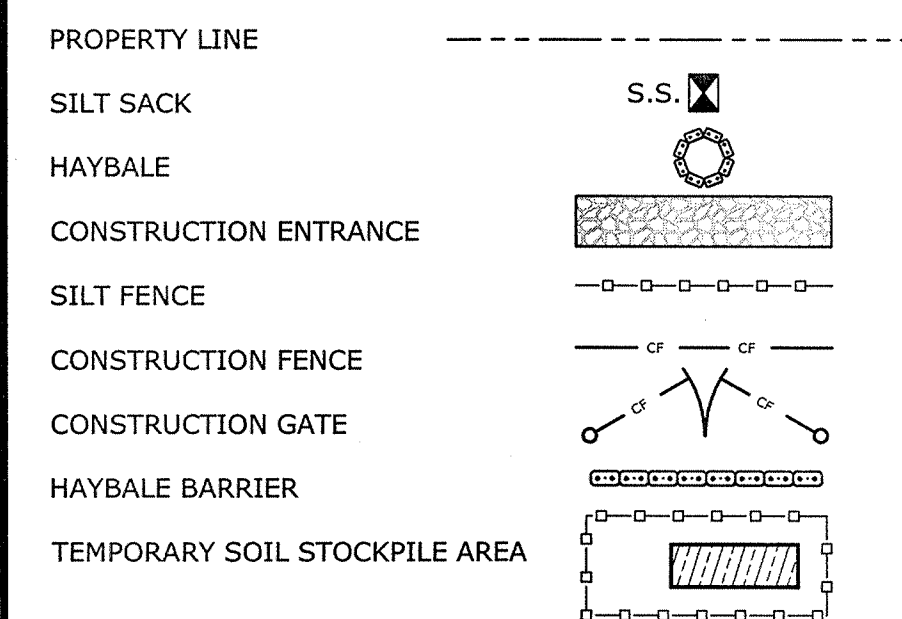
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SITE SOIL EROSION AND SEDIMENTATION CONTROL PLAN NOTES

1. REFERENCE IS MADE TO PLAN ENTITLED "PROPERTY , TOPOGRAPHIC & ALTA/ACSM LAND TITLE SURVEY" PREPARED FOR TRINITY WASHINGTON VILLAGE LIMITED PARTNERSHIP AND THE NORWALK HOUSING AUTHORITY, PREPARED BY WILLIAM W. SEYMOUR & ASSOCIATES P.C., DATED SEPTEMBER 4, 2013.
2. CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATION.
3. UNDERGROUND UTILITY, STRUCTURE AND FACILITY LOCATIONS DEPICTED HEREON HAVE BEEN COMPILED, IN PART, FROM RECORD MAPPING AND OTHER DATA SUPPLIED BY THE RESPECTIVE UTILITY COMPANIES, GOVERNMENTAL AGENCIES AND/OR OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH DATA MAY EXIST ON SITE, THE EXISTENCE OF WHICH ARE UNKNOWN TO TIGHE & BOND. THE EXISTENCE, SIZE AND LOCATION OF ALL SUCH FEATURES MUST BE DETERMINED AND VERIFIED IN THE FIELD BY APPROPRIATE AUTHORITIES PRIOR TO CONSTRUCTION @ CALL-BEFORE-YOU-DIG 1-800-922-4455.
4. ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" DEP BULLETIN NO 34, AND ALL AMENDMENTS AND ADDENDA THERETO AS PUBLISHED BY THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION.
5. LAND DISTURBANCE SHALL BE KEPT TO THE MINIMUM NECESSARY FOR CONSTRUCTION.
6. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SHOWN ON THE PLANS AND ELSEWHERE AS ORDERED BY THE OWNER'S REPRESENTATIVE, OR THE CITY OF NORWALK.
7. ALL CATCH BASINS SHALL BE PROTECTED WITH SILT SACKS, HAYBALE RING, SILT FENCE OR BLOCK AND STONE INLET PROTECTION THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
8. WHEREVER POSSIBLE, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION.
9. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED DURING CONSTRUCTION PERIOD AS ORDERED BY THE OWNER'S REPRESENTATIVE, OR THE CITY OF NORWALK.
10. ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD.
11. SEDIMENT REMOVED SHALL BE DISPOSED OF LEGALLY OFFSITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION AND MAINTENANCE OF ALL EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
13. THE CONTRACTOR SHALL MAINTAIN A SUPPLY OF SILT FENCE/HAYBALES AND ANTI-TRACKING CRUSHED STONE ON-SITE FOR EMERGENCY REPAIRS.
14. THE CONTRACTOR SHALL UTILIZE APPROVED METHODS/MATERIALS FOR PREVENTING THE BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES ONTO ADJACENT PROPERTIES AND SITE AREAS.
15. ALL DRAINAGE STRUCTURES SHALL BE INSPECTED WEEKLY BY THE CONTRACTOR AND CLEANED TO PREVENT THE BUILD-UP OF SILT.
16. THE CONTRACTOR SHALL CAREFULLY COORDINATE THE PLACEMENT OF EROSION CONTROL MEASURES WITH THE PHASING OF CONSTRUCTION.
17. KEEP ALL PAVED ROADWAYS CLEAN. SWEEP BEFORE FORECASTED STORMS OR WEEKLY AS NECESSARY.
18. TREAT ALL UNPAVED SURFACES WITH 4" MINIMUM OF TOPSOIL AND SEEDING PRIOR TO FINAL STABILIZATION.
19. HAYBALE BARRIERS AND SILT FENCING SHALL BE INSTALLED ALONG THE TOE OF CRITICAL CUT AND FILL SLOPES AS SHOWN ON THE PLANS AND AS DIRECTED BY THE OWNER'S REPRESENTATIVE OR THE CITY OF NORWALK.
20. ALL TRUCKS LEAVING THE SITE MUST BE COVERED.
21. ALL SEDIMENTATION AND EROSION CONTROLS SHALL BE CHECKED WEEKLY AND AFTER EACH RAINFALL EVENT. NECESSARY REPAIRS SHALL BE MADE WITHOUT DELAY.
22. PRIOR TO ANY FORECASTED RAINFALL, EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED BY A QUALIFIED INSPECTOR AND REPAIRED AS NECESSARY.
23. AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED, EROSION CONTROLS MAY BE REMOVED ONCE AUTHORIZATION TO DO SO HAS BEEN SECURED FROM THE CITY OF NORWALK. DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
24. CONTRACTOR IS TO COMPLY WITH THE REQUIREMENTS OF THE SOIL EROSION AND SEDIMENTATION CONTROL PLAN.
25. SEE DRAWING C3.2 FOR SOIL EROSION CONTROL NARRATIVE AND DETAILS.
26. VERTICAL DATUM: NAVD88
27. SOIL STOCKPILE SHALL BE FLOODPROOFED TO ELEVATION 13 NAVD88. THE DETAIL SHEET, C3.2, PRESENTS ONE POTENTIAL METHOD FOR THE CONTRACTOR TO FLOODPROOF THESE STOCKPILES. CONTRACTOR MAY PROPOSE ALTERNATE MEANS OF FLOODPROOFING STOCKPILE, SUBJECT TO APPROVAL BY ENGINEER.
28. HAZARDOUS MATERIALS INCLUDING, BUT NOT LIMITED TO, FUELS, MAINTENANCE FLUIDS, AND OTHER MATERIALS MUST BE STORED ABOVE THE 500 YEAR FLOODPLAIN AT THE END OF THE DAY. (EL: 15.0 NAVD88).
29. THE EXCAVATION, HANDLING, AND MANAGEMENT OF ALL SITE SOILS, INCLUDING THE ON-SITE REUSE OF EXISTING SITE SOILS TO THE FULLEST EXTENT FEASIBLE, SHALL BE PERFORMED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION SECTION 02300 AND THE SOIL MANAGEMENT PLAN PREPARED FOR USE ON THIS PROJECT, PURSUANT TO THE STATE OF CONNECTICUT REMEDIATION STANDARD REGULATIONS (RSRS). LAWN/LANDSCAPED AREAS OF THE SITE NOT COVERED BY THE PROPOSED BUILDINGS, CONCRETE OR PAVEMENT SHALL BE COVERED BY A GEOTEXTILE MARKER BARRIER AND A MINIMUM 4-FOOT SURFICIAL THICKNESS OF "CLEAN" SOIL, MEETING THE CT RSRS, AT FINISHED GRADE.

SITE SOIL EROSION AND SEDIMENTATION CONTROL PLAN LEGEND



Washington Village Phase 1

13 Day Street Building A

Norwalk, CT
 Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

TIGHE & BOND ARCHITECTURE
 101 SUMMER ST BOSTON MA 02110
 617-451-3333 www.tigheandbond.com

CONSULTANT
Tighe & Bond
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 Suite 320
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 (203) 712-1100

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PROJECT NO.: 10071
 DRAWN BY: MDS
 CHECKED BY: AJM

SITE SOIL EROSION AND SEDIMENT CONTROL PLAN

C3.1

9/9/2014 1:30 PM

SOIL EROSION AND SEDIMENTATION CONTROL NARRATIVE

THE PROJECT PROPOSES TO CONSTRUCT A 10 UNIT RESIDENTIAL BUILDING IN NORWALK, CT. THE PROJECT SITE IS BOUNDED BY HANFORD PLACE TO THE SOUTH, DAY STREET TO THE EAST, #11 HANFORD PLACE TO THE WEST, #10, #12 AND #14 ELIZABETH STREET TO THE NORTH.

THE PROPOSED PROJECT WILL INCLUDE THE CONSTRUCTION OF THE RESIDENTIAL BUILDING, A 20 CAR PARKING LOT, RETAINING WALLS, CURBING, SIDEWALKS, LANDSCAPE AND LIGHTING. PROPOSED BUILDING UTILITIES SUCH AS DOMESTIC WATER, FIRE PROTECTION, TELECOMMUNICATIONS, ELECTRICAL, NATURAL GAS, AND SANITARY SEWER WILL BE PROVIDED FROM EXISTING MAINS LOCATED IN DAY STREET AND HANFORD PLACE.

STORMWATER MANAGEMENT WILL BE ACCOMMODATED ON-SITE. SURFACE RUNOFF WILL BE COLLECTED AND CONVEYED INTO A WATER QUALITY STRUCTURE AND AN UNDERGROUND INFILTRATION SYSTEM THAT WILL TREAT THE WATER QUALITY VOLUME AND PROVIDE POLLUTANT REMOVAL IN ACCORDANCE WITH THE 2004 CONNECTICUT STORMWATER QUALITY MANUAL.

THE PROJECT IS PROPOSED TO BE CONSTRUCTED IN A SINGLE PHASE. APPROXIMATELY 0.49 ACRES WILL BE DISTURBED.

SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL CONFORM TO THE STANDARDS OUTLINED IN THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION (CTDEEP), "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL", LATEST REVISION.

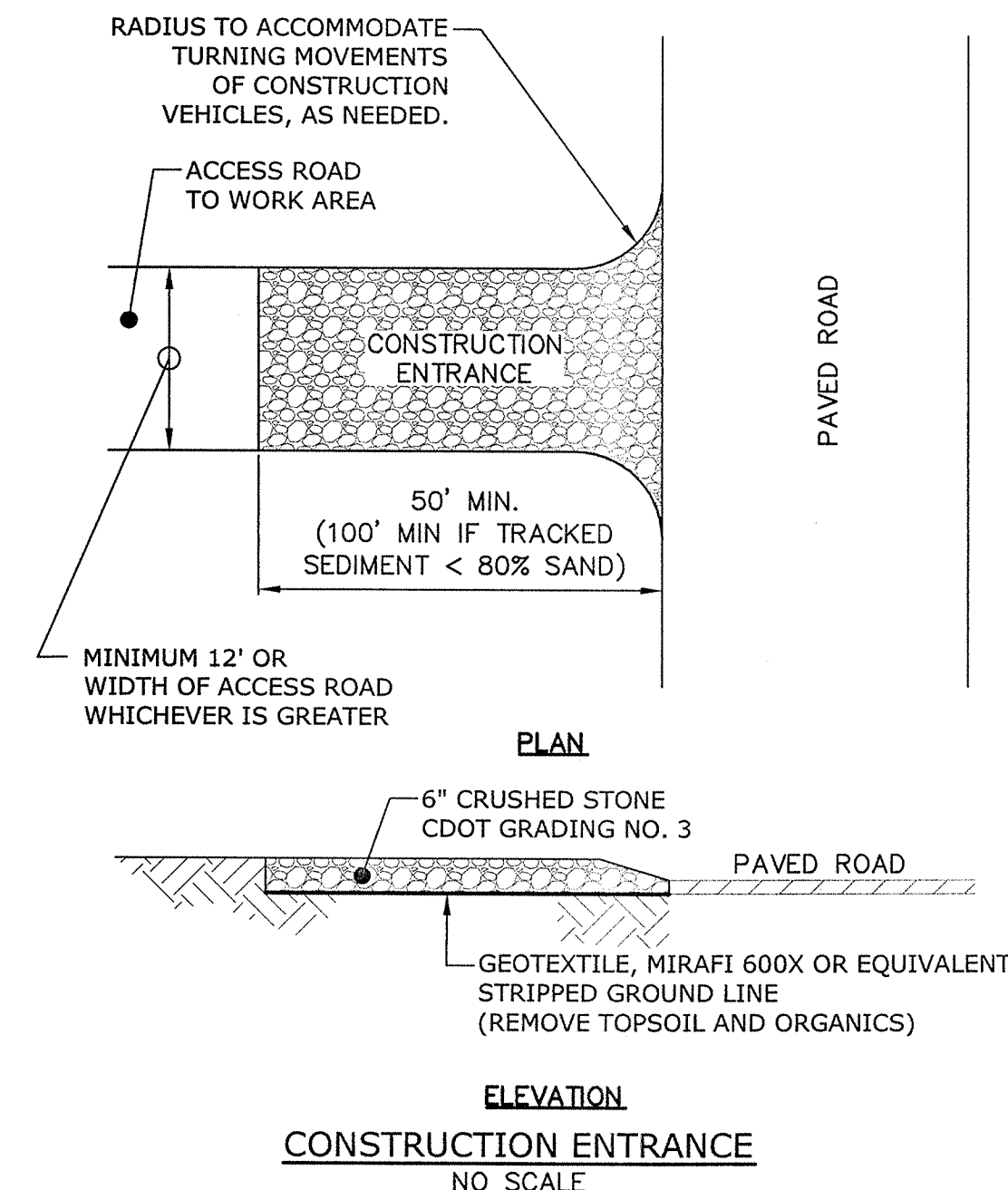
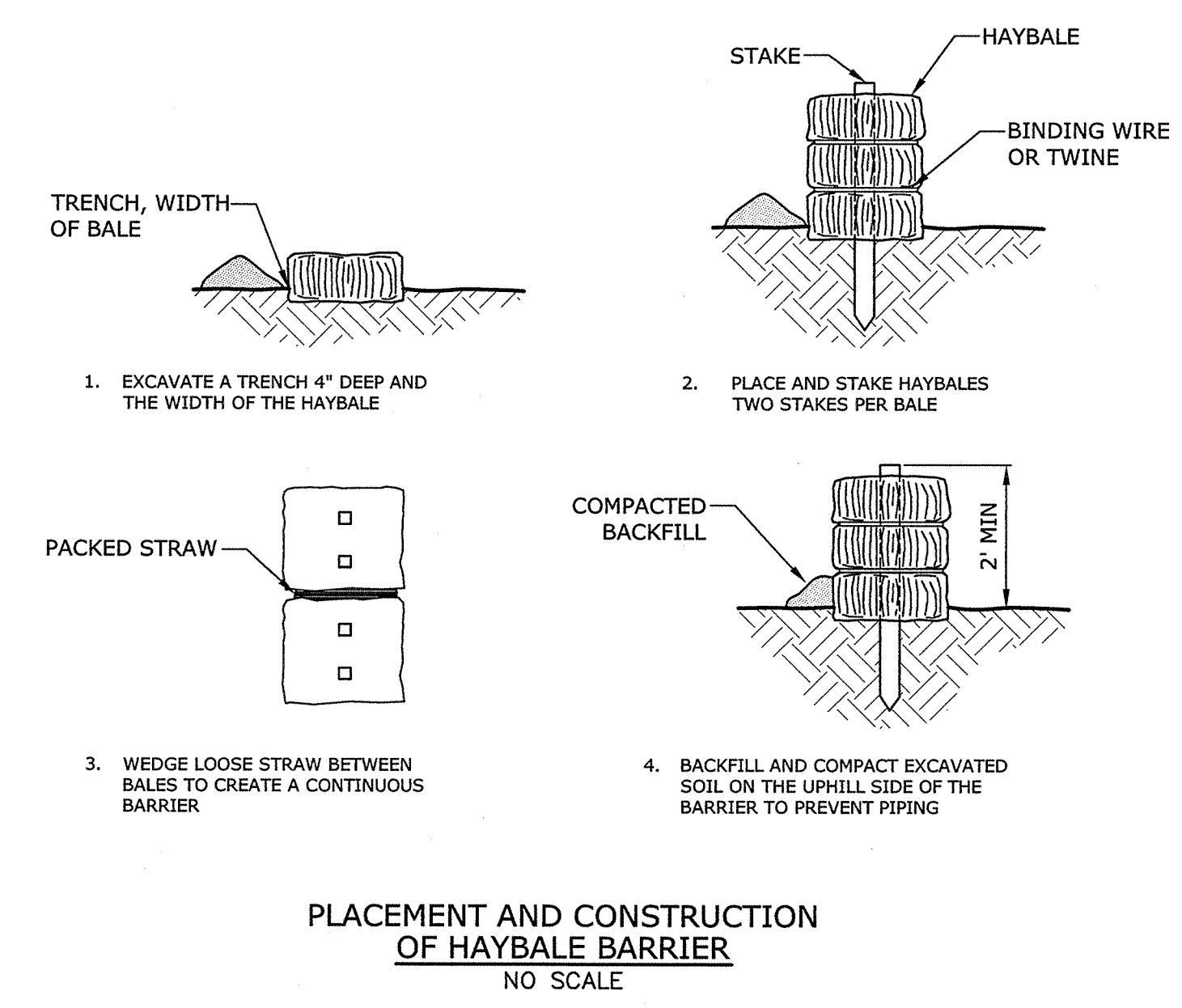
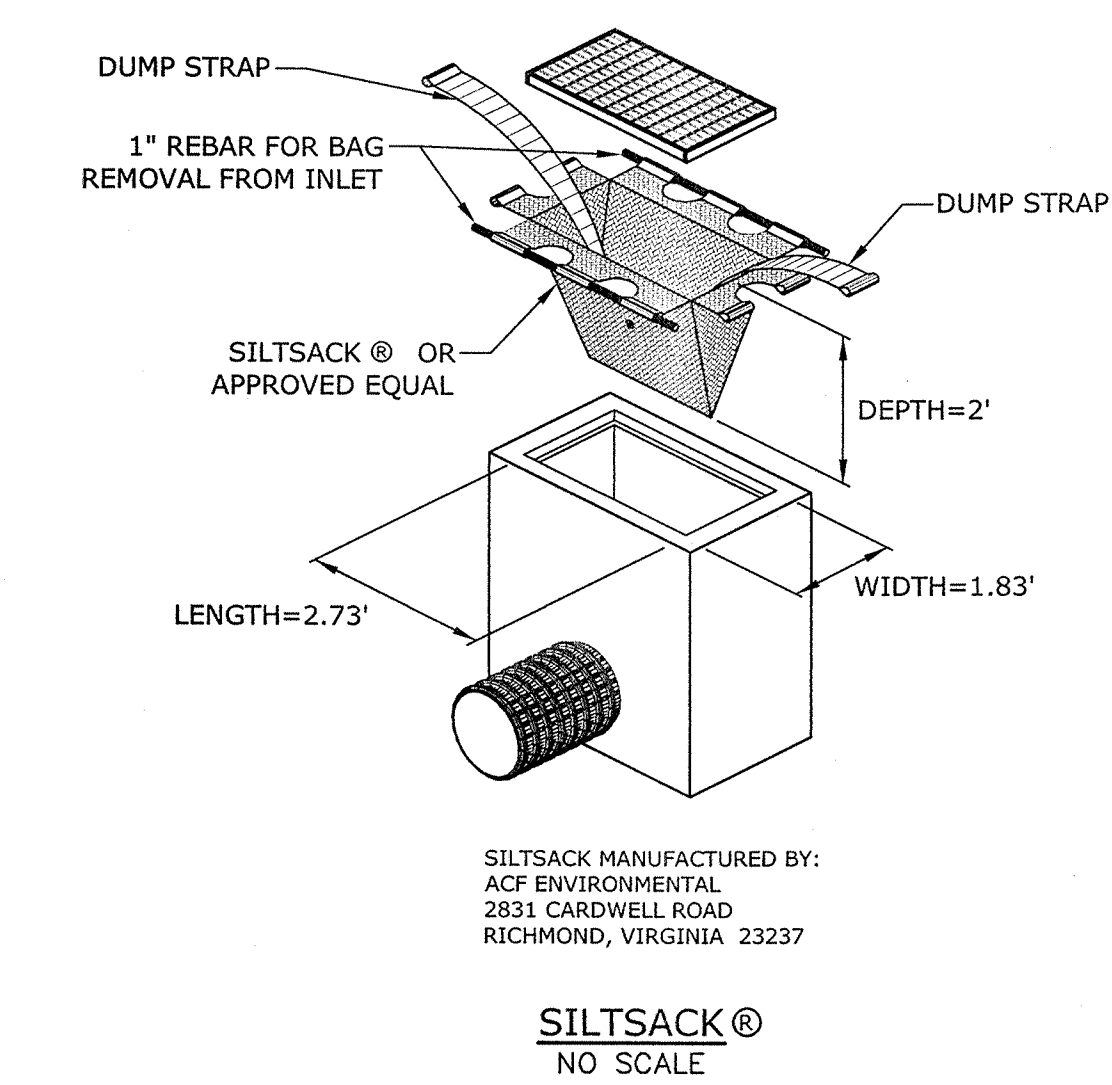
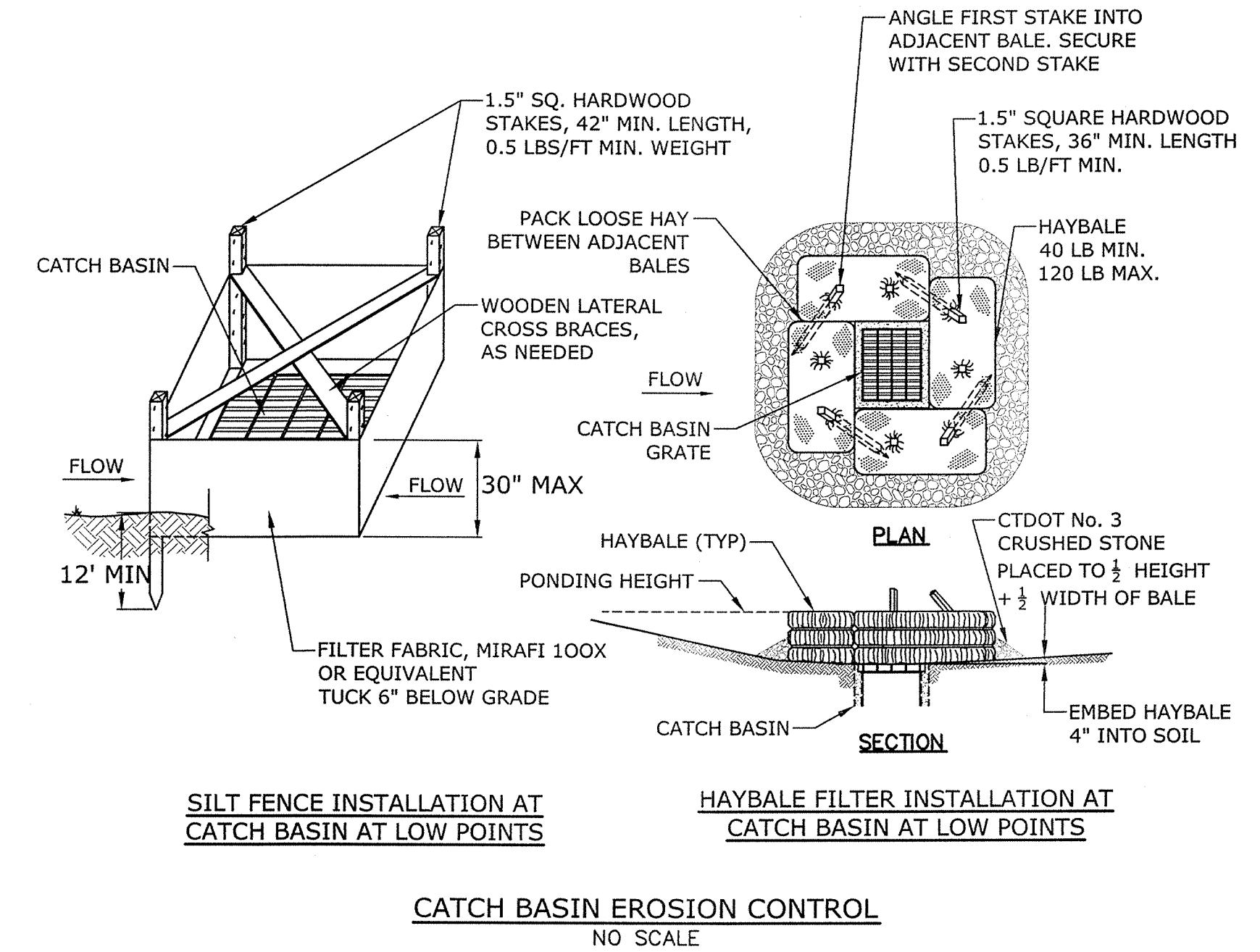
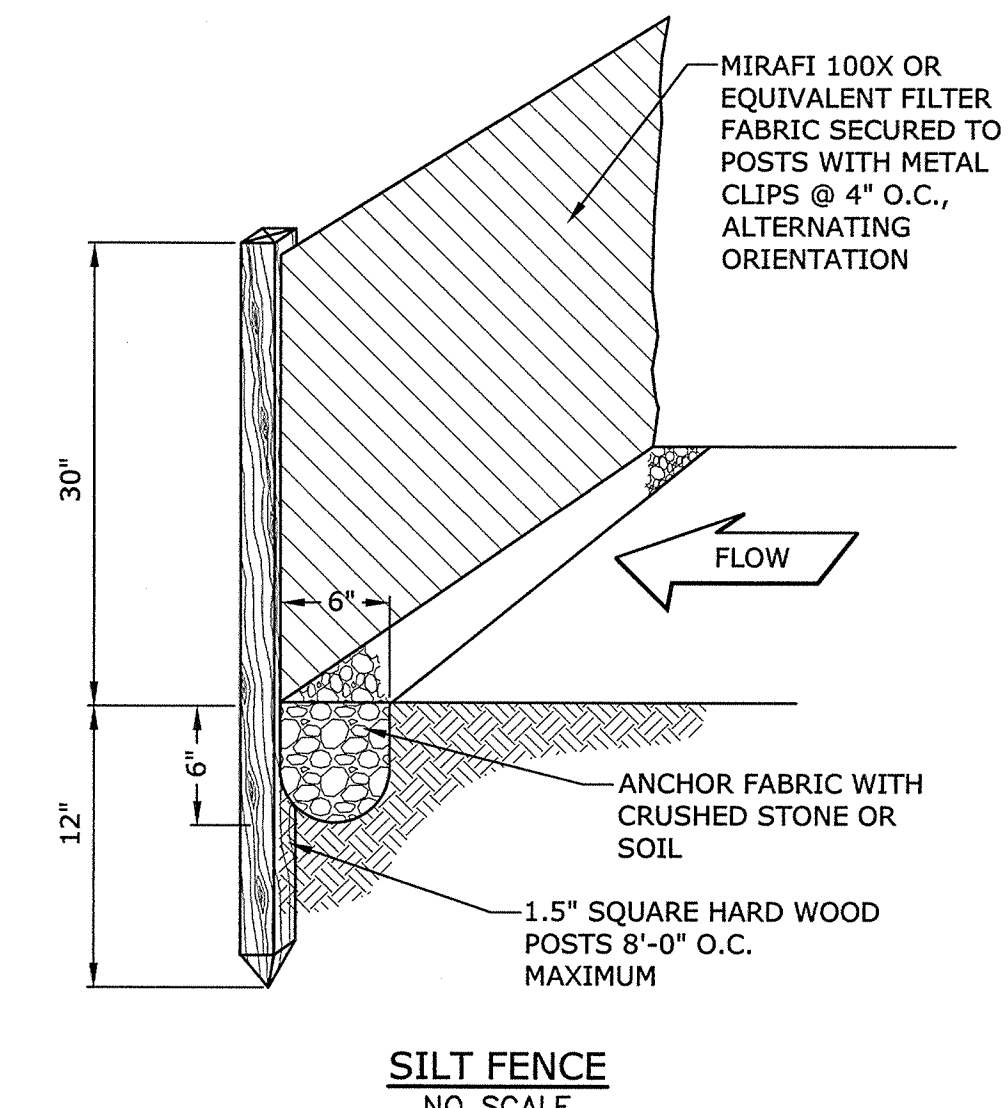
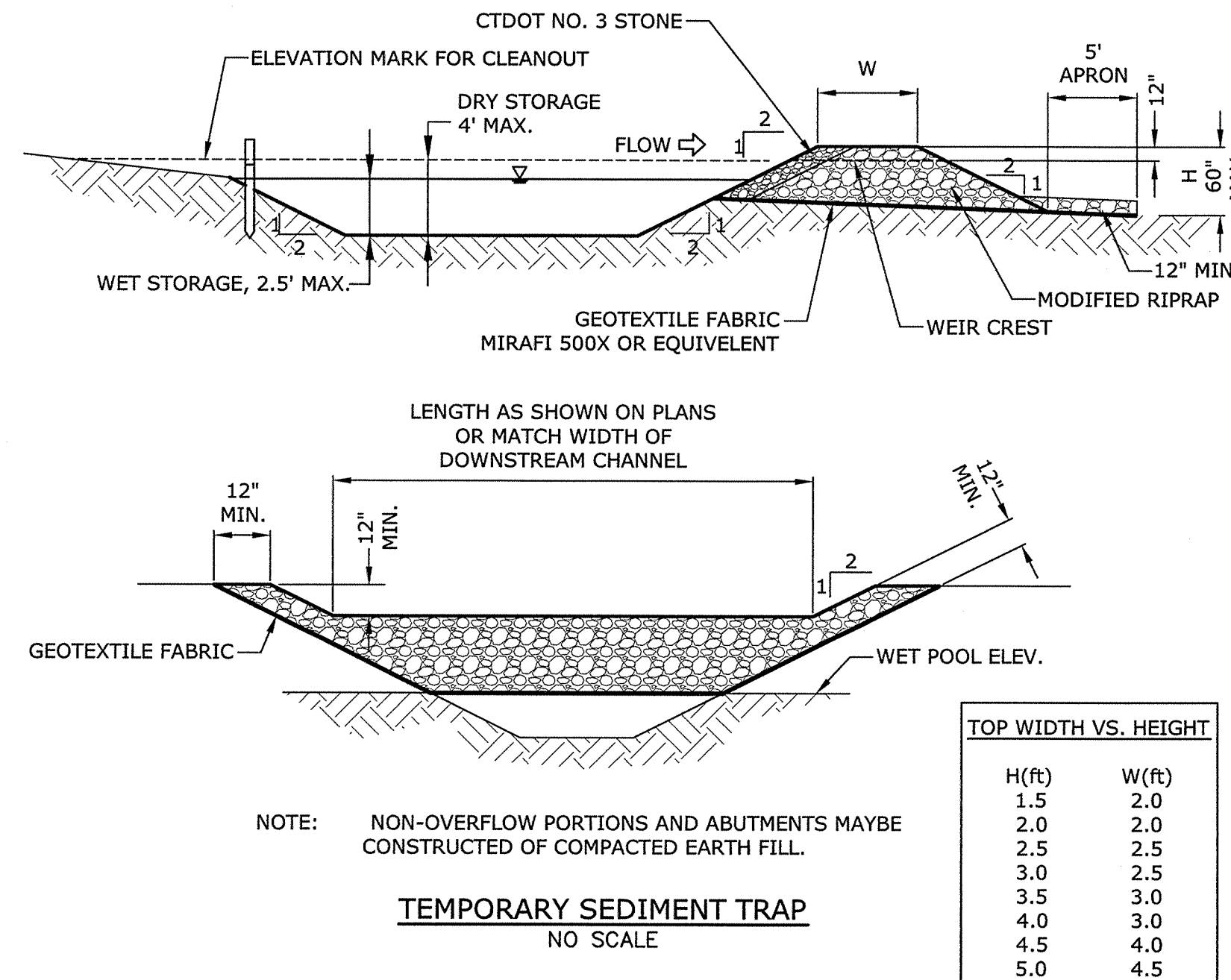
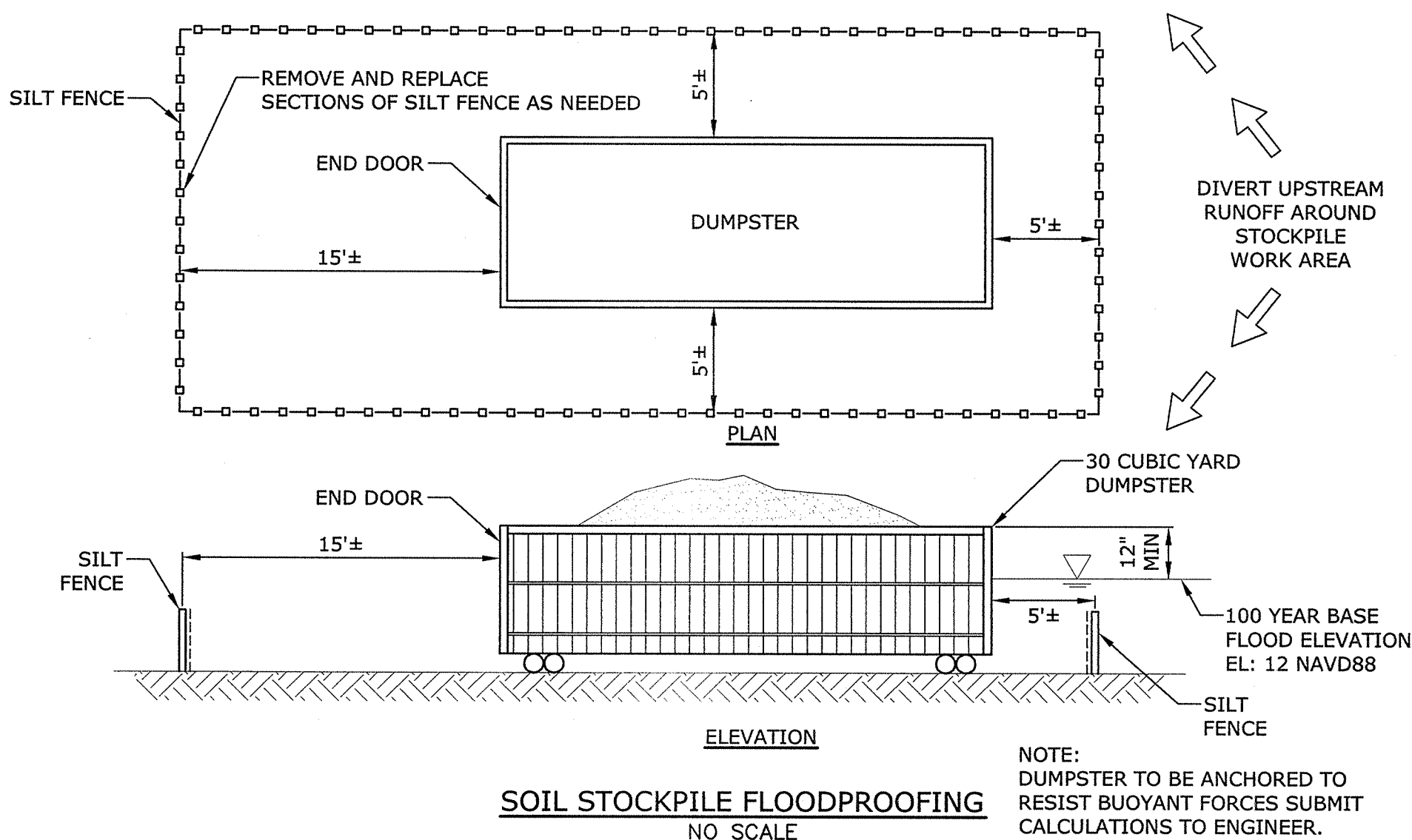
CONSTRUCTION SEQUENCE

GENERAL

1. THE PROPOSED DEVELOPMENT IS ENTITLED "HANFORD PLACE BUILDING A"
2. ESTIMATED PROJECT TIMELINE:
 • PROJECT START: FALL 2014
 • PROJECT COMPLETION: FALL 2015
3. THE SITE IS LOCATED AT 13 DAY STREET NORWALK, CONNECTICUT.

CONSTRUCTION SEQUENCE

1. FLAG THE LIMITS OF CONSTRUCTION NECESSARY TO FACILITATE THE PRECONSTRUCTION MEETING.
2. HOLD PRECONSTRUCTION MEETING WITH THE CITY, THE OWNERS REPRESENTATIVE AND THE ENGINEER. (REMEMBER TO CALL BEFORE YOU DIG 1-800-922-4455).
3. FLAG REMAINDER OF THE LIMITS OF CONSTRUCTION AND TREE PROTECTION ZONES.
4. INSTALL THE CONSTRUCTION ENTRANCE.
5. INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH THE SESC PLAN.
6. CUT ANY TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD. CHIP BRUSH AND SLASH, STOCKPILE CHIPS FOR FUTURE USE OR REMOVE OFF SITE.
7. CONSTRUCT SETTLING BASINS AND/OR SUMP PITS, AS REQUIRED.
8. STRIP AND STOCKPILE ALL TOPSOIL THAT IS WITHIN THE FOOTPRINT OF THE CONSTRUCTION SITE AND REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS. (SEE 2002 CT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL CHAPTER 4, PART II ON STOCKPILE MANAGEMENT). EITHER REMOVE TREE STUMPS TO AN APPROVED DISPOSAL SITE OR CHIP IN PLACE AS INDICATED ON THE PLANS.
9. MAKE ALL CUTS AND FILLS REQUIRED. ESTABLISH THE SUBGRADE FOR THE TOPSOIL AREAS, AND PARKING AS REQUIRED AND BENCH THE BUILDING TO A SUBGRADE. ALLOW A REASONABLE AMOUNT OF AREA AROUND THE FOOTPRINT OF THE BUILDING FOR THE CONSTRUCTION ACTIVITIES.
10. BEGIN CONSTRUCTION OF THE BUILDING.
11. PRIOR TO INSTALLING SURFACE WATER CONTROLS SUCH AS TEMPORARY DIVERSIONS AND STONE DIKES, INSPECT EXISTING CONDITIONS TO ENSURE DISCHARGE LOCATIONS ARE STABLE. IF NOT STABLE, REVIEW DISCHARGE CONDITIONS WITH THE DESIGN ENGINEER AND IMPLEMENT ADDITIONAL STABILIZATION MEASURES PRIOR TO INSTALLING WATER SURFACE CONTROLS.
12. INSTALL ALL SANITARY SEWERS, DRAINAGE SYSTEMS AND UTILITIES TO WITHIN 5 FEET OF THE BUILDING OR AS OTHERWISE MODIFIED BY THE DESIGN ENGINEER TO ADJUST FOR UNFORESEEN SITE CONDITIONS.
13. PREPARE SUB-BASE, SLOPES, PARKING AREAS AND ANY OTHER AREA OF DISTURBANCE FOR FINAL GRADING.
14. INSTALL PROCESS AGGREGATE IN PARKING AREAS.
15. PLACE TOPSOIL WHERE REQUIRED. COMPLETE THE PERIMETER LANDSCAPE PLANTINGS.
16. FINE GRADE, RAKE, SEED AND MULCH TO WITHIN 2 FEET OF THE CURBING.
17. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS. INSTALL FIRST COURSE OF PAVING.
18. WHEN ALL OTHER WORK HAS BEEN COMPLETED, REPAIR AND SWEEP ALL PAVED AREAS FOR THE FINAL COURSE OF PAVING. INSPECT THE DRAINAGE SYSTEM AND CLEAN AS NEEDED.
19. INSTALL FINAL COURSE OF PAVEMENT.
20. AFTER SITE IS STABILIZED REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS (E.G. GEOTEXTILE SILT FENCES).
21. THE EXCAVATION, HANDLING, AND MANAGEMENT OF ALL SITE SOILS, INCLUDING THE ON-SITE REUSE OF EXISTING SITE SOILS TO THE FULLEST EXTENT FEASIBLE, SHALL BE PERFORMED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION SECTION 02300 AND THE SOIL MANAGEMENT PLAN PREPARED FOR USE ON THIS PROJECT, PURSUANT TO THE STATE OF CONNECTICUT REMEDIATION STANDARD REGULATIONS (RSRS). LAWN/LANDSCAPED AREAS OF THE SITE NOT COVERED BY THE PROPOSED BUILDINGS, CONCRETE OR PAVEMENT SHALL BE COVERED BY A GEOTEXTILE MARKER BARRIER AND A MINIMUM 4-FOOT SURFICIAL THICKNESS OF "CLEAN" SOIL, MEETING THE CT RSRS, AT FINISHED GRADE.



Washington Village Phase 1

13 Day Street Building A

Norwalk, CT
 Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

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PROJECT NO.: 10071
 DRAWN BY: MDS
 CHECKED BY: AJM

SOIL EROSION AND SEDIMENT CONTROL NARRATIVE AND DETAILS

C3.2

Sep 16, 2014 11:50am Plotted By: Samsonek
 Tighe & Bond, Inc. J:\110071 Washington Village\Drawing\Sheet\A\SESC-A-10071-02.dwg

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

E-ICON
ARCHITECTURE

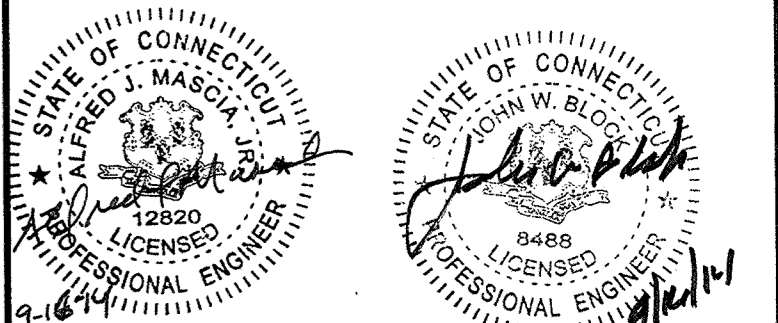
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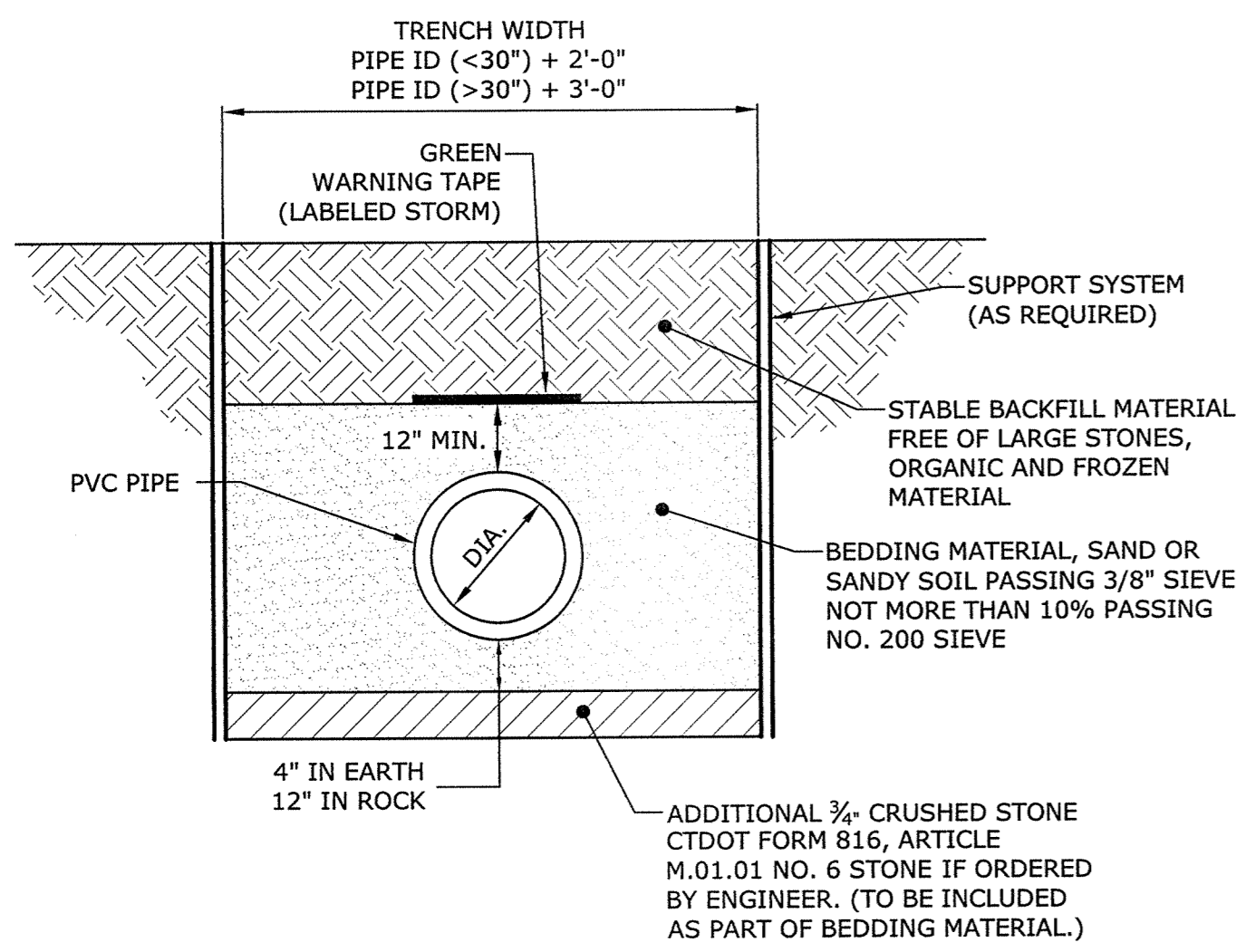
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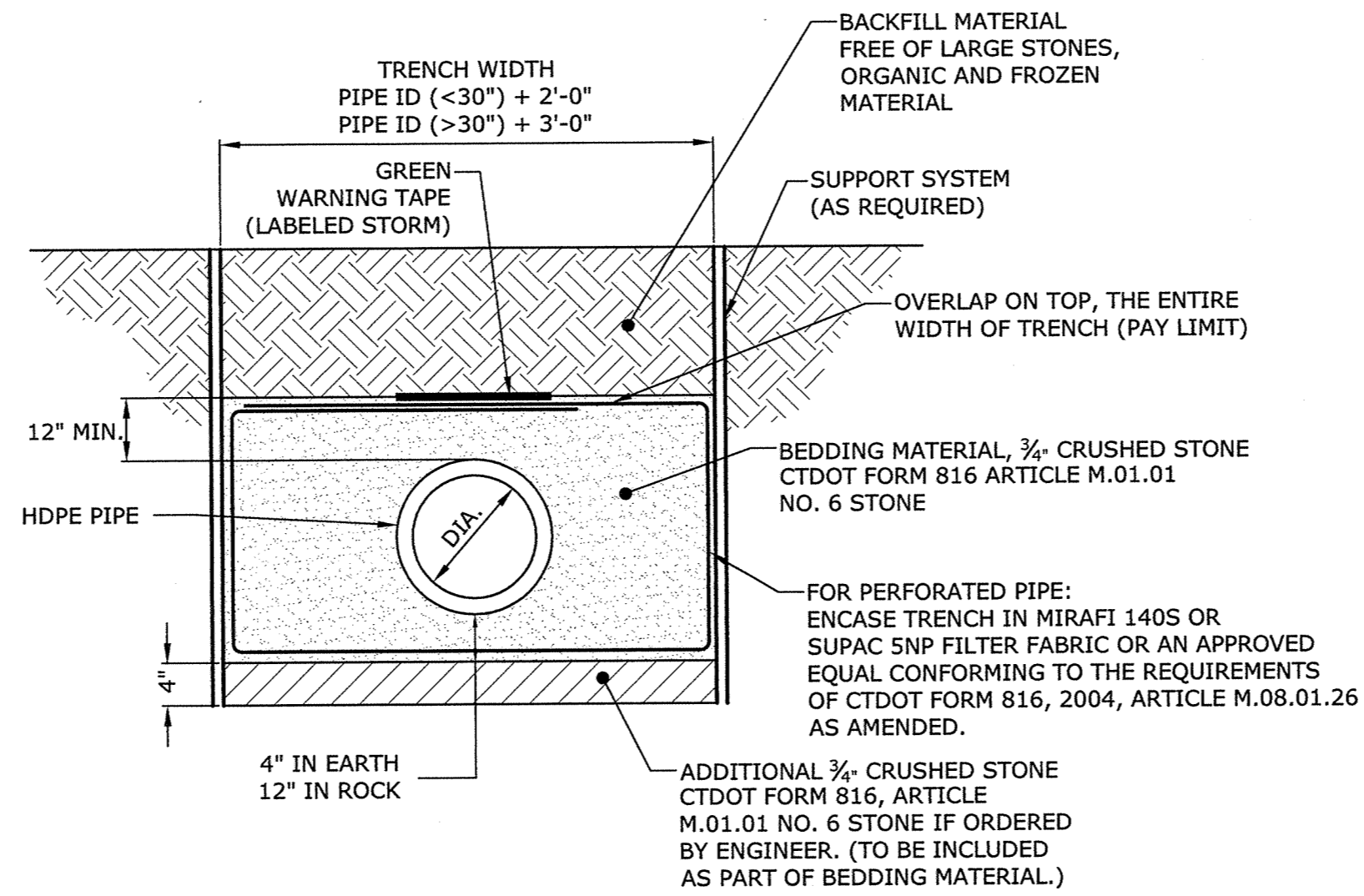
SHEET TITLE

STORM DRAINAGE
DETAILS

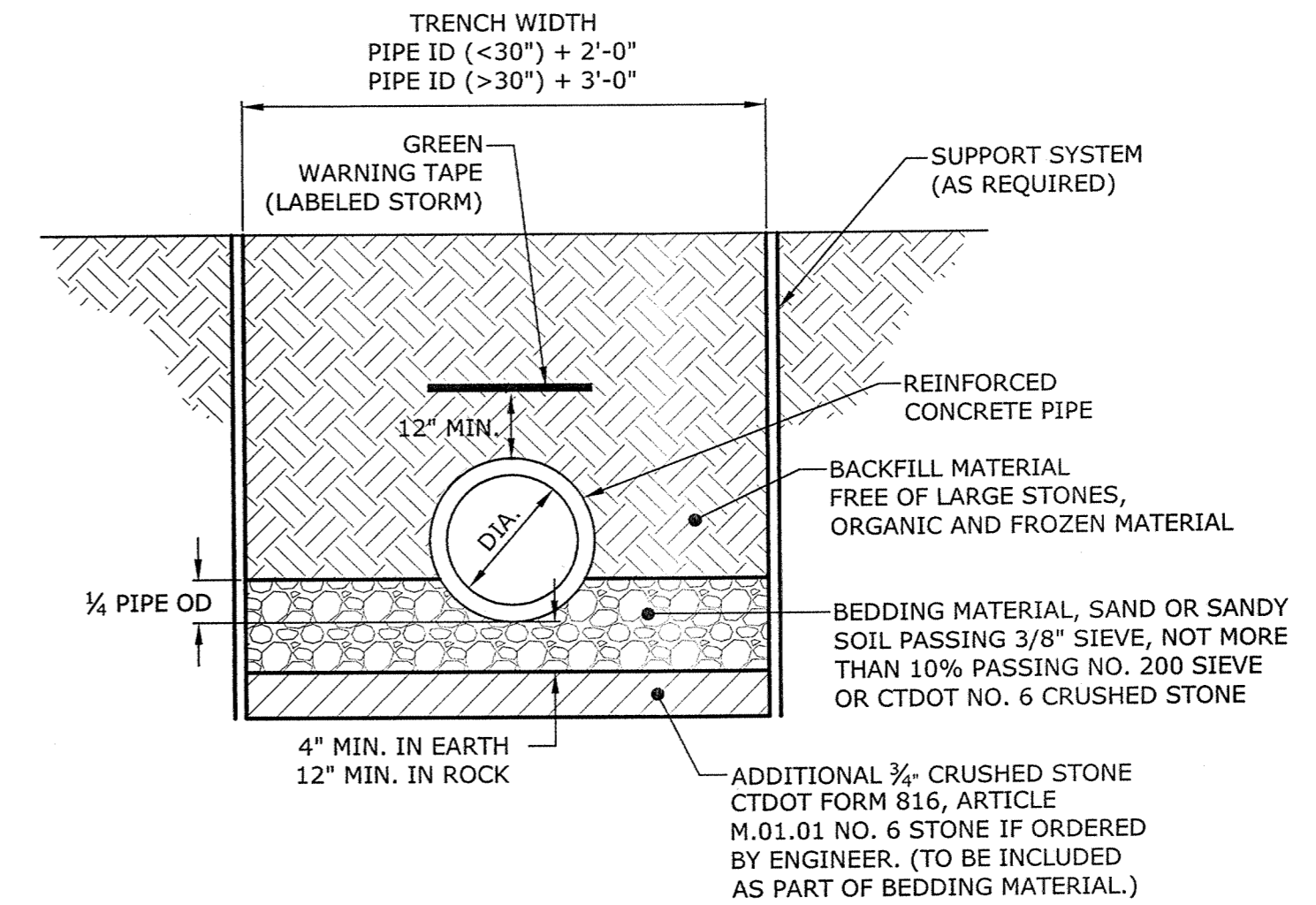
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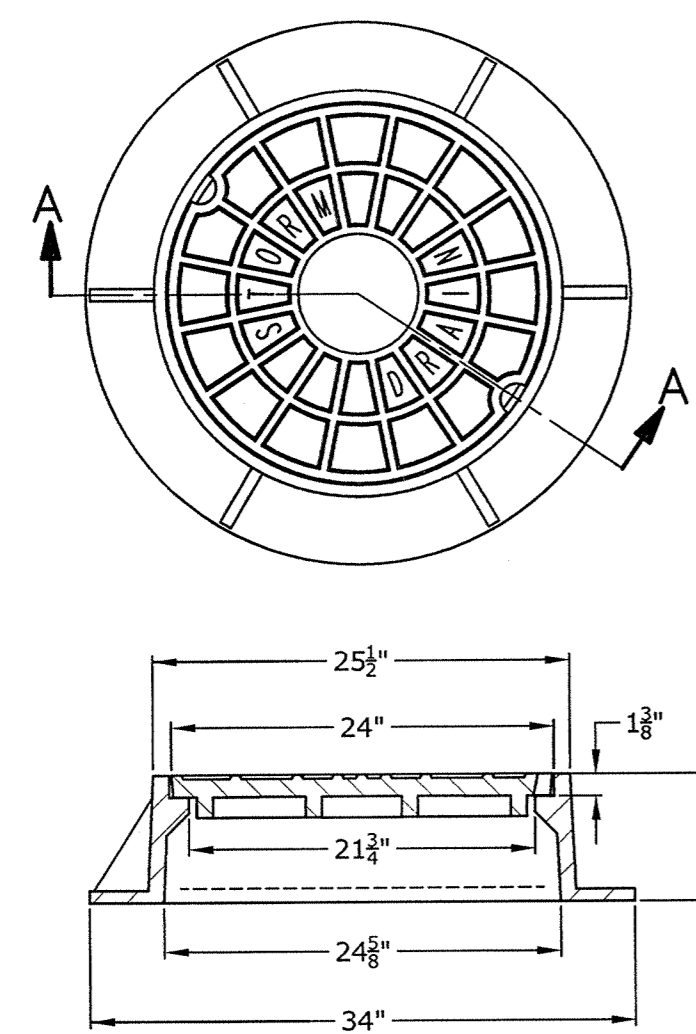
P.V.C. TRENCH BEDDING - STORM DRAINAGE
NO SCALE



HDPE TRENCH BEDDING
NO SCALE



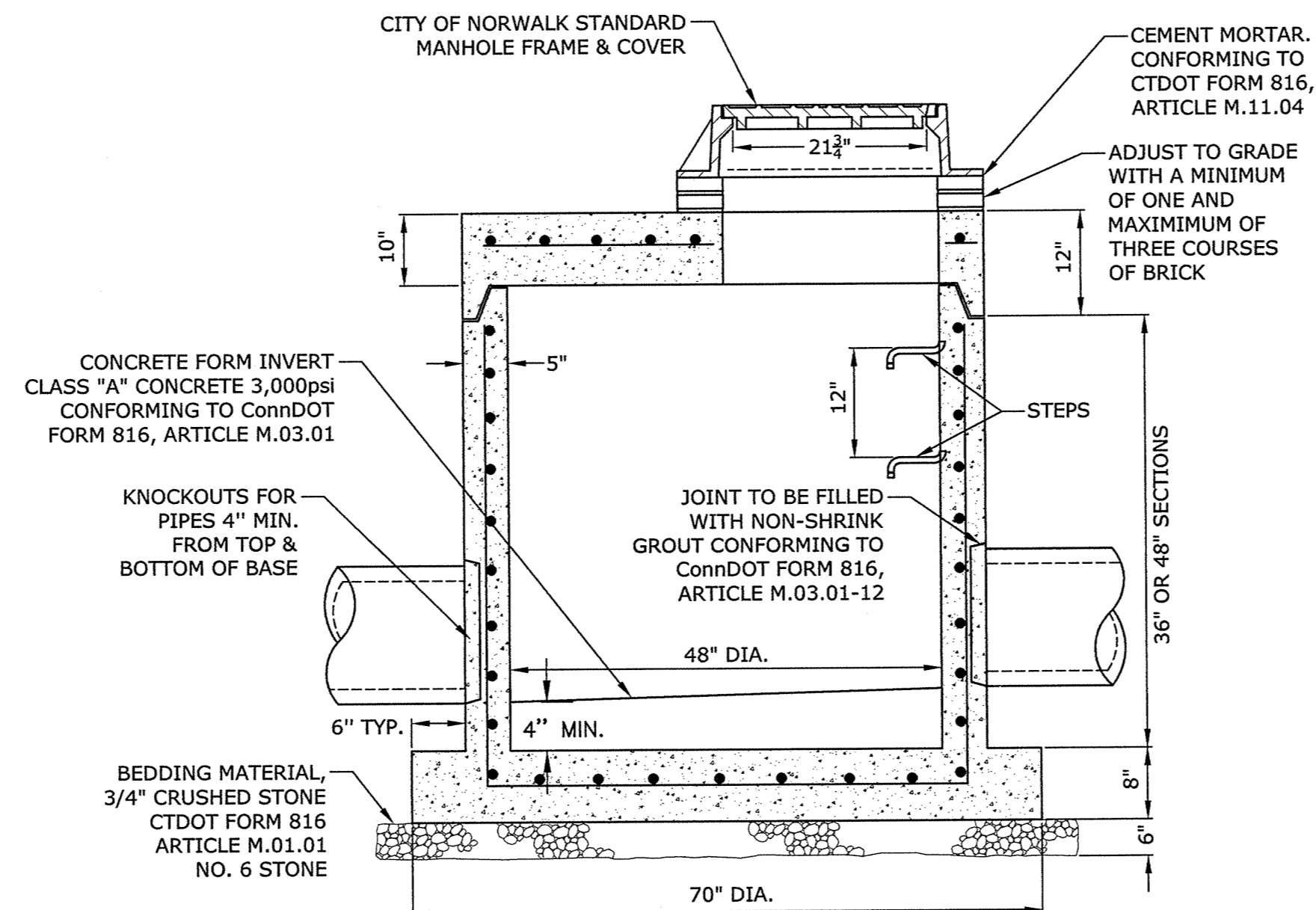
CIRCULAR R.C.P. TRENCH BEDDING
NO SCALE



SECTION A-A

NOTE:
MANHOLE FRAMES & COVERS SHALL BE PATTERN #1007D AS
MANUFACTURED BY THE CAMPBELL FOUNDRY COMPANY OF
NORTH HAVEN, CONNECTICUT, OR APPROVED EQUAL.

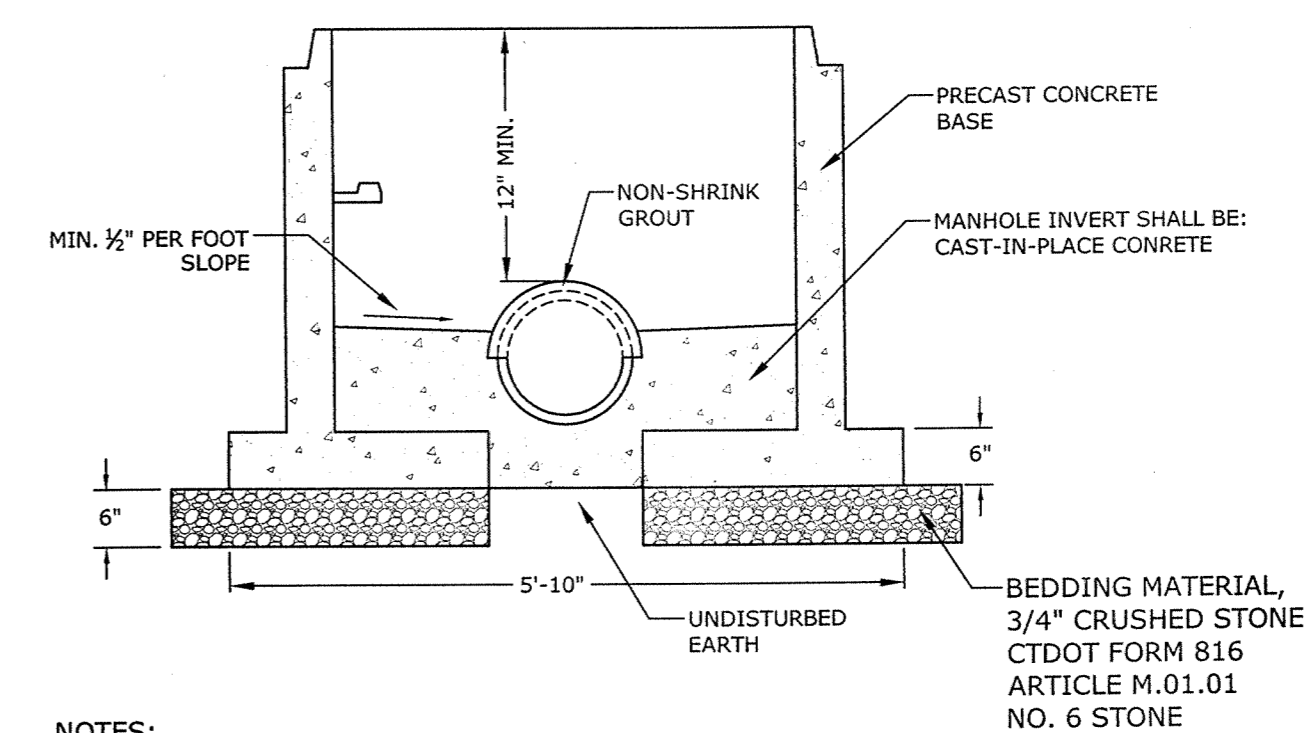
**CITY OF NORWALK
MANHOLE FRAME AND COVER**
NO SCALE



NOTES

1. REINFORCING ASTM A185 AREA 48" DIA. 0.12 SQ. IN./V.F., AREA 60" DIA. 0.17 SQ. IN./V.F. REINFORCE BELL & SPIGOT.
2. CONCRETE COMPRESSIVE STRENGTH: 5,000 psi - 28 DAYS
3. MANHOLE STEP TO CONFORM TO OSHA AND ASTM SPECIFICATIONS.
4. MONOLITHIC BASE SECTION.

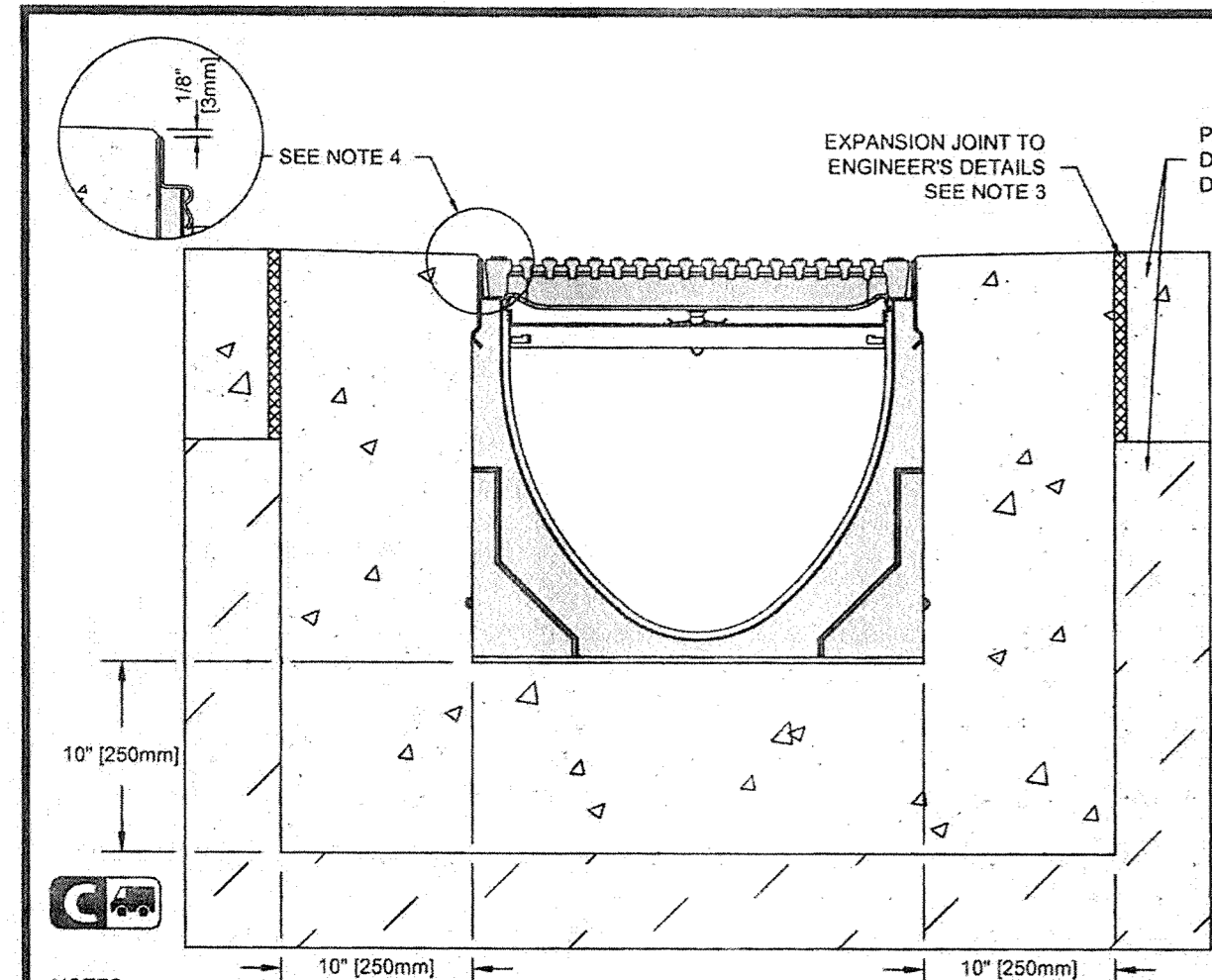
48" DIA. SHALLOW MANHOLE
NO SCALE



NOTES:

1. MINIMUM 4" DIAMETER MANHOLE.
2. DOGHOUSE OPENING MAY ONLY BE USED WHEN PLACING A NEW MANHOLE OVER AN EXISTING LINE; OTHERWISE, THE OPENING MUST BE CAST. SIZE, LOCATION AND ANGLE OF ENTRY SHOULD BE AS REQUIRED BY THE PLANS.
3. OPENINGS IN PRECAST UNITS ARE TO BE 4" MINIMUM TO 8" MAXIMUM LARGER THAN THE OUTSIDE DIAMETER OF THE EXISTING PIPE.
4. TOP HALF OF EXISTING PIPE TO BE REMOVED FOR FULL LENGTH EXPOSED INSIDE MANHOLE. EXISTING MAIN TO BE NEATLY CUT ALONG THE SPRING LINE OF THE PIPE.
5. SEE STORM MANHOLE DETAIL FOR ADDITIONAL INFORMATION.

**STORM DRAINAGE
DOGHOUSE MANHOLE BASE**
NO SCALE



SPECIFICATION CLAUSE

K300 KLAASSIKDRAIN - LOAD CLASS C

GENERAL
THE SURFACE DRAINAGE SYSTEM SHALL BE POLYMER CONCRETE K300 CHANNEL SYSTEM WITH GALVANIZED STEEL EDGE RAILS AS MANUFACTURED BY ACO POLYMER PRODUCTS, INC.

MATERIALS
CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTEGRALLY CAST-IN GALVANIZED STEEL EDGE RAIL. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:

| | |
|-----------------------------------|------------|
| COMPRESSIVE STRENGTH: | 14,000 PSI |
| FLEXURAL STRENGTH: | 4,000 PSI |
| TENSILE STRENGTH: | 1,500 PSI |
| WATER ABSORPTION: | 0.07% |
| FROST PROOF: | YES |
| DILUTE ACID AND ALKALI RESISTANT: | YES |
| B117 SALT SPRAY TEST COMPLIANT: | YES |

THE SYSTEM SHALL BE 12" (300mm) NOMINAL INTERNAL WIDTH WITH A 14.2" (360mm) OVERALL WIDTH AND A BUILT-IN SLOPE OF 0.5% CHANNEL INVERT SHALL HAVE DEVELOPED "S" SHAPE. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

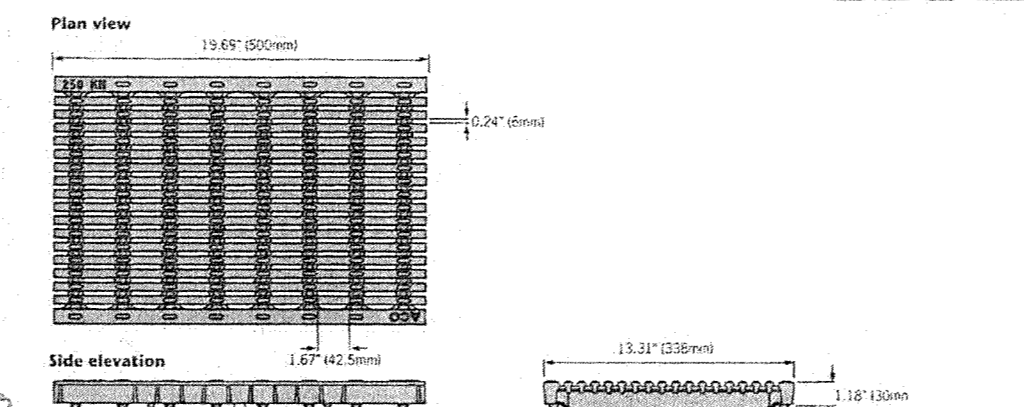
THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO POLYMER PRODUCTS, INC. ANY DEVIATION OR PARTIAL SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO POLYMER PRODUCTS, INC.

CHANNEL SHALL WITHSTAND LOADING TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING "QUICKLOK" BOLTLESS LOCKING SYSTEM. CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

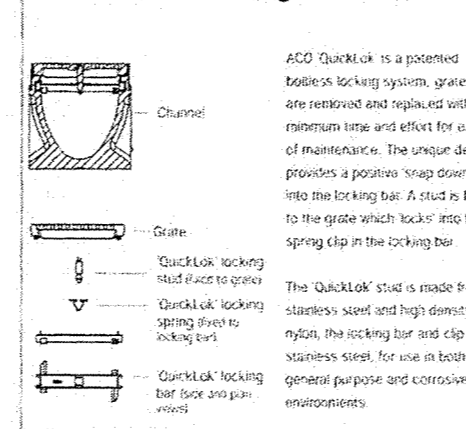
- NOTES:**
- IT IS NECESSARY TO ENSURE MINIMUM DIMENSIONS SHOWN ARE SUITABLE FOR EXISTING GROUND CONDITIONS. ENGINEERING ADVICE MAY BE REQUIRED.
 - MINIMUM CONCRETE STRENGTH OF 4,000 PSI IS RECOMMENDED. CONCRETE SHOULD BE VIBRATED TO ELIMINATE AIR POCKETS.
 - EXPANSION AND CONTRACTION CONTROL JOINTS AND REINFORCEMENT ARE RECOMMENDED TO PROTECT CHANNEL AND CONCRETE SURROUND. ENGINEERING ADVICE MAY BE REQUIRED.
 - THE FINISHED LEVEL OF THE CONCRETE SURROUND MUST BE APPROX. 1/8" (3mm) ABOVE THE TOP OF THE CHANNEL EDGE.
 - CONCRETE BASE THICKNESS SHOULD MATCH SLAB THICKNESS. ENGINEERING ADVICE MAY BE REQUIRED TO DETERMINE PROPER LOAD CLASS.
 - REFER TO ACO'S LATEST INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS.

| | | |
|---------------------------|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| K3-C-EGP | K300 - KLAASSIKDRAIN - LOAD CLASS: C Exposed Concrete Pavement | ACO Polymer Products, Inc. |
| DATE: 03/21/13 | INSTALLATION DRAWING - ACO DRAIN | 825 W. Beechcroft St. Casa Grande, AZ 85122 Tel: 520-421-9988 Fax: 520-421-9999 |
| Arizona Tel: 888-490-9552 | e-mail: sales@acousa.com | Ohio Tel: 800-543-4764 |
| | | South Carolina Tel: 800-622-2377 |

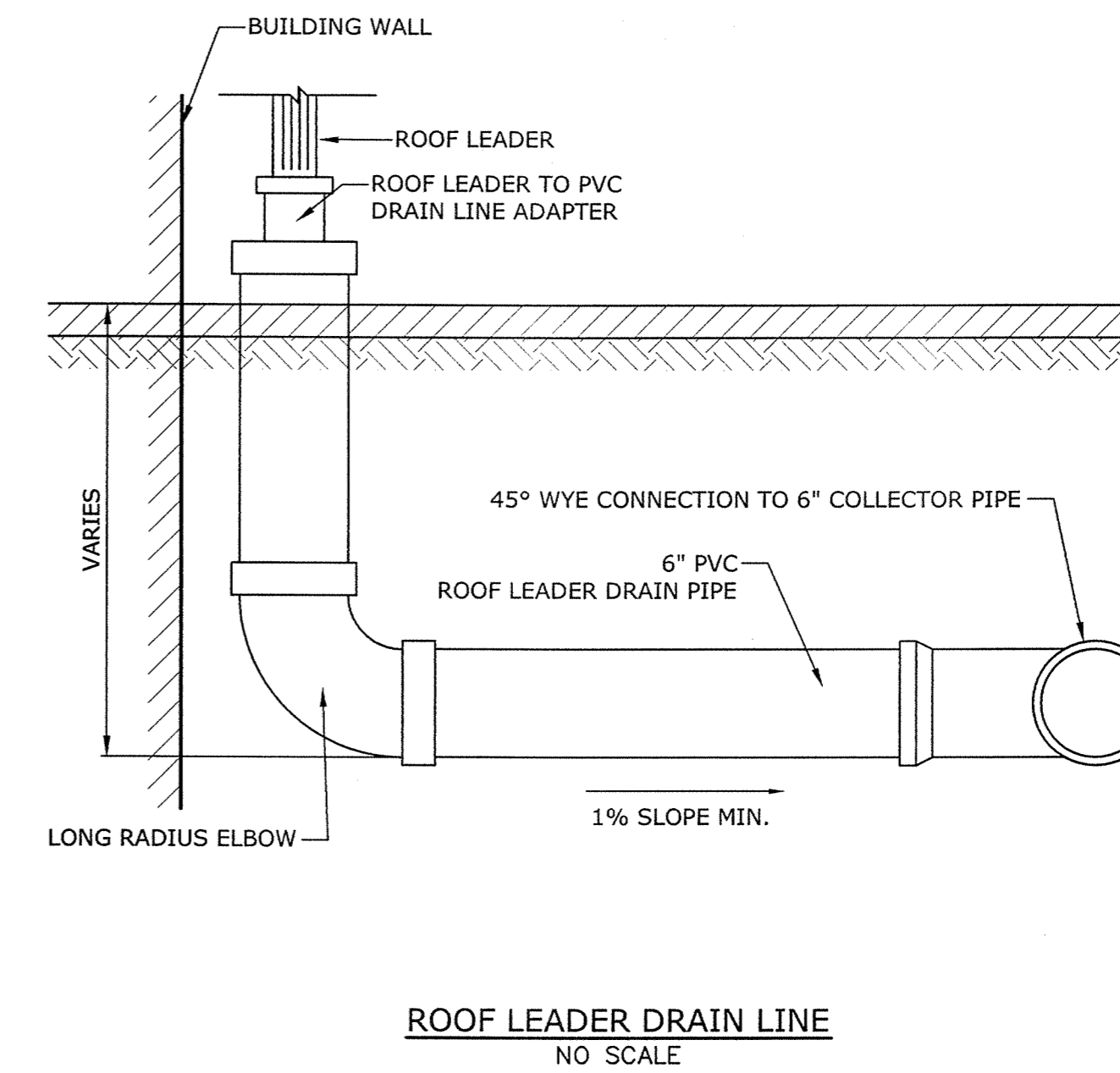
ACO DRAIN
Type 878Q Longitudinal ductile iron grate (ADA)



"QuickLok" locking mechanism



ACO Polymer Products, Inc.
ACO is a leading manufacturer of trench drains and grates. Our products are designed for long life and easy maintenance. We offer a wide range of products to meet your needs. For more information, please contact us at 800-543-4764.



TRENCH DRAIN DETAIL
NO SCALE

ROOF LEADER DRAIN LINE
NO SCALE

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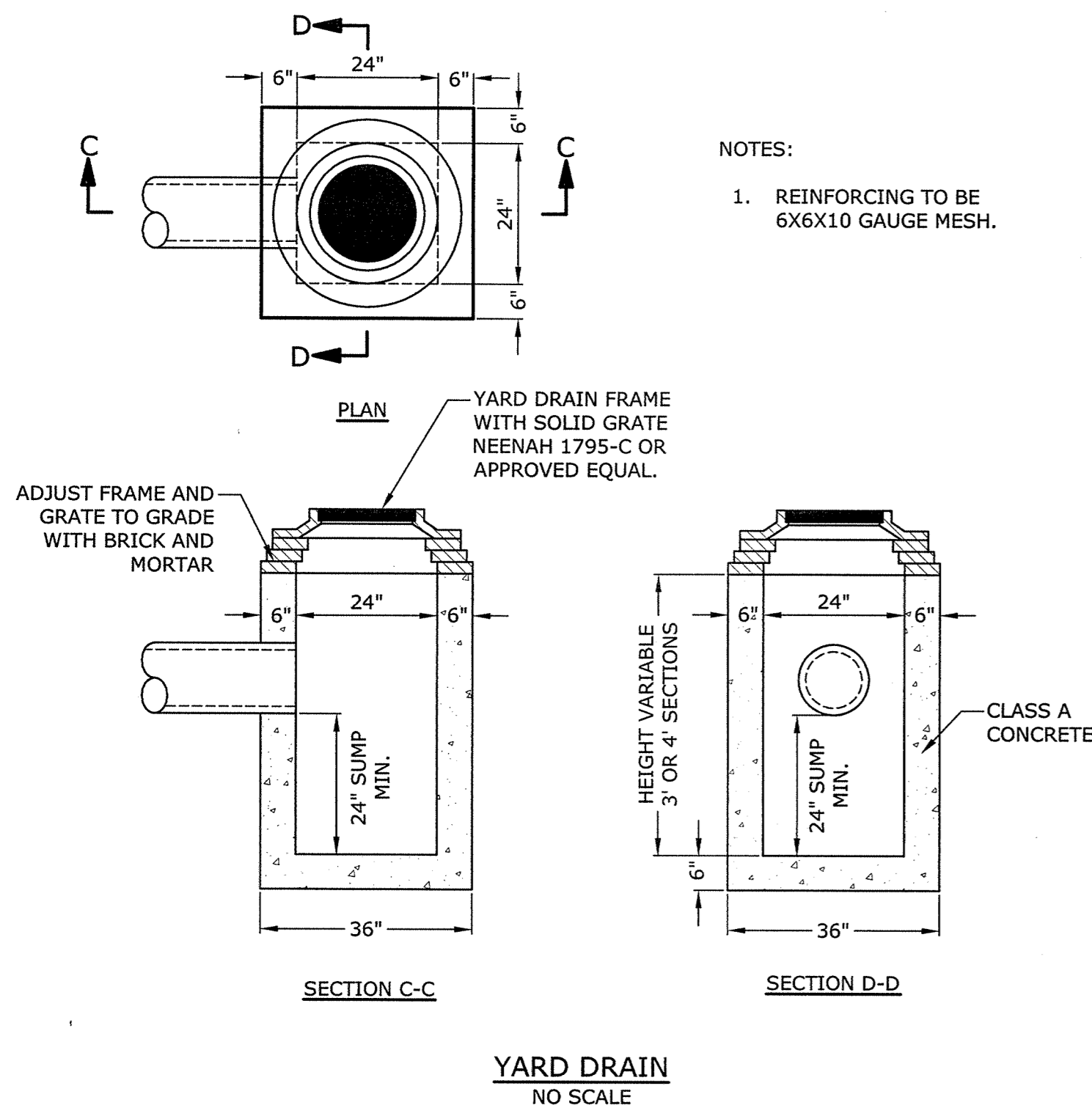
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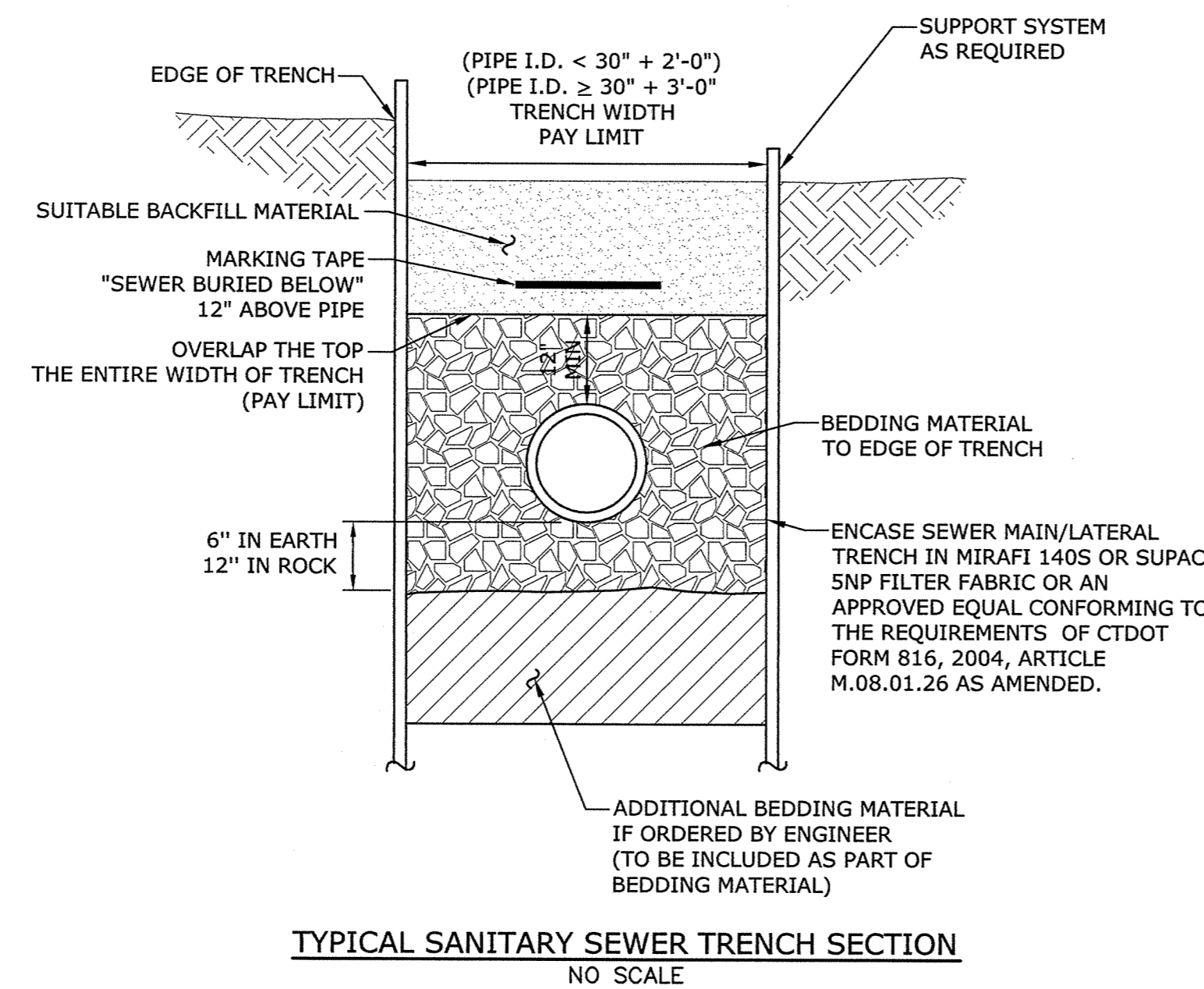
STORM AND SANITARY DETAILS

C4.2

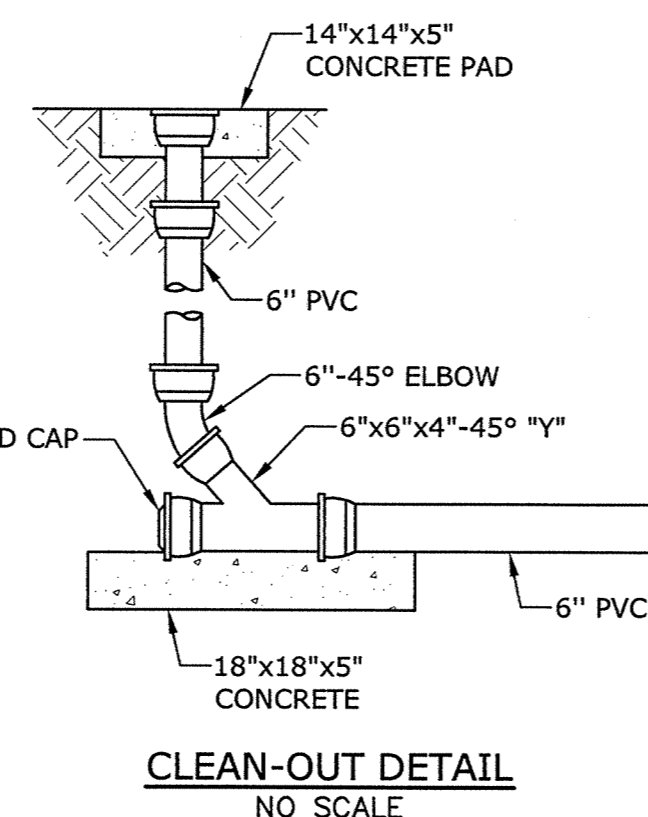


- NOTES:**
- REINFORCING TO BE 6X6X10 GAUGE MESH.

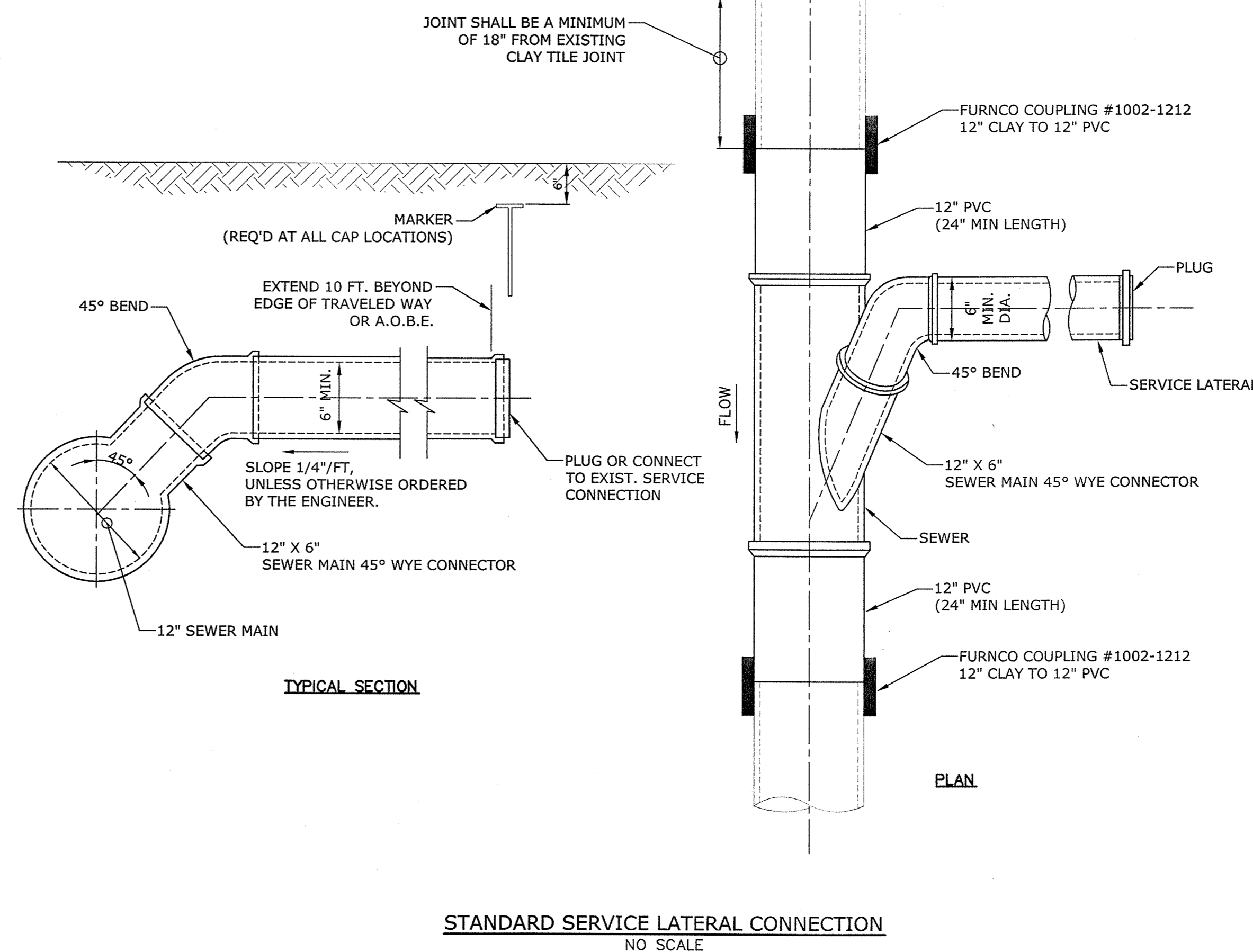
YARD DRAIN
NO SCALE



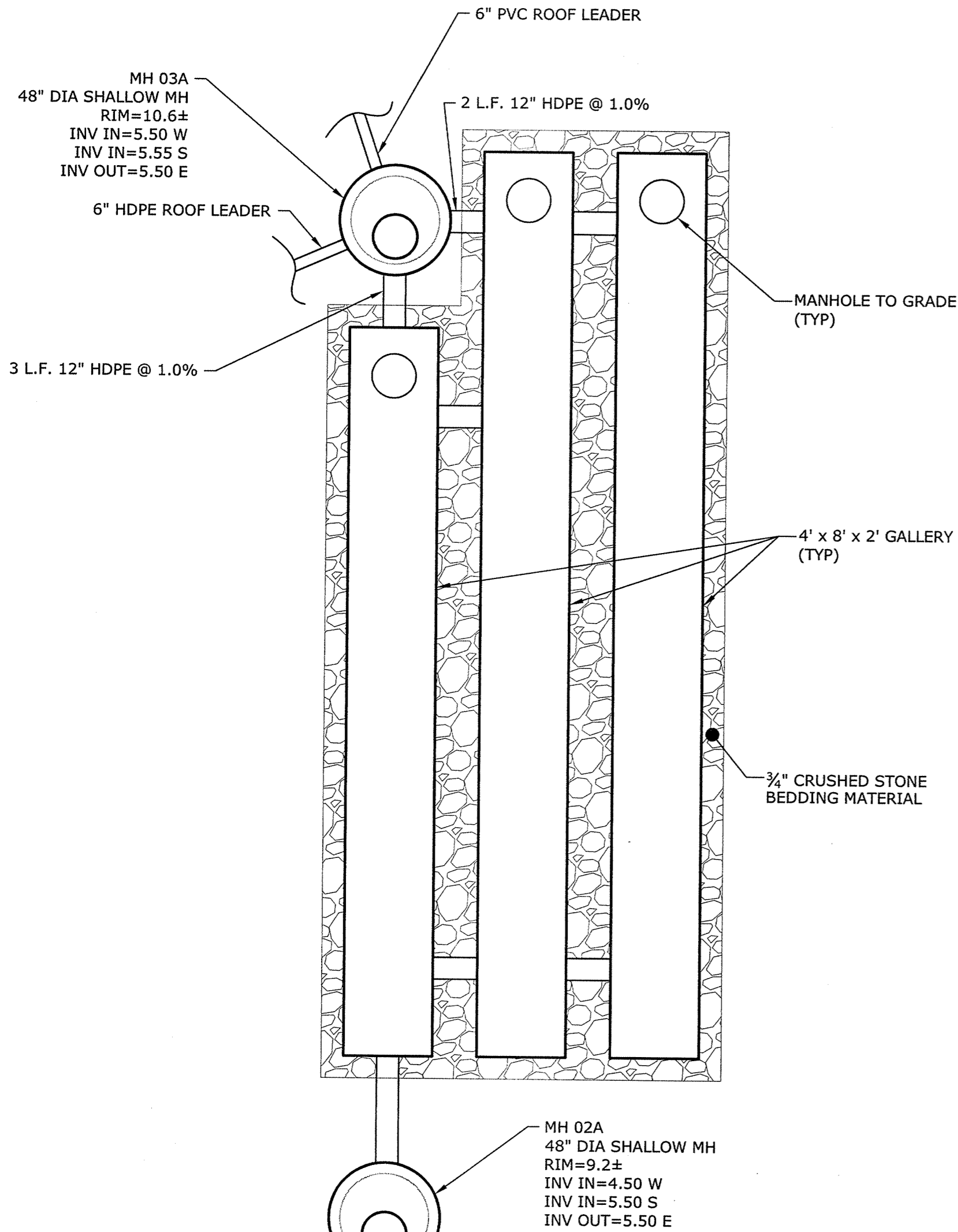
TYPICAL SANITARY SEWER TRENCH SECTION
NO SCALE



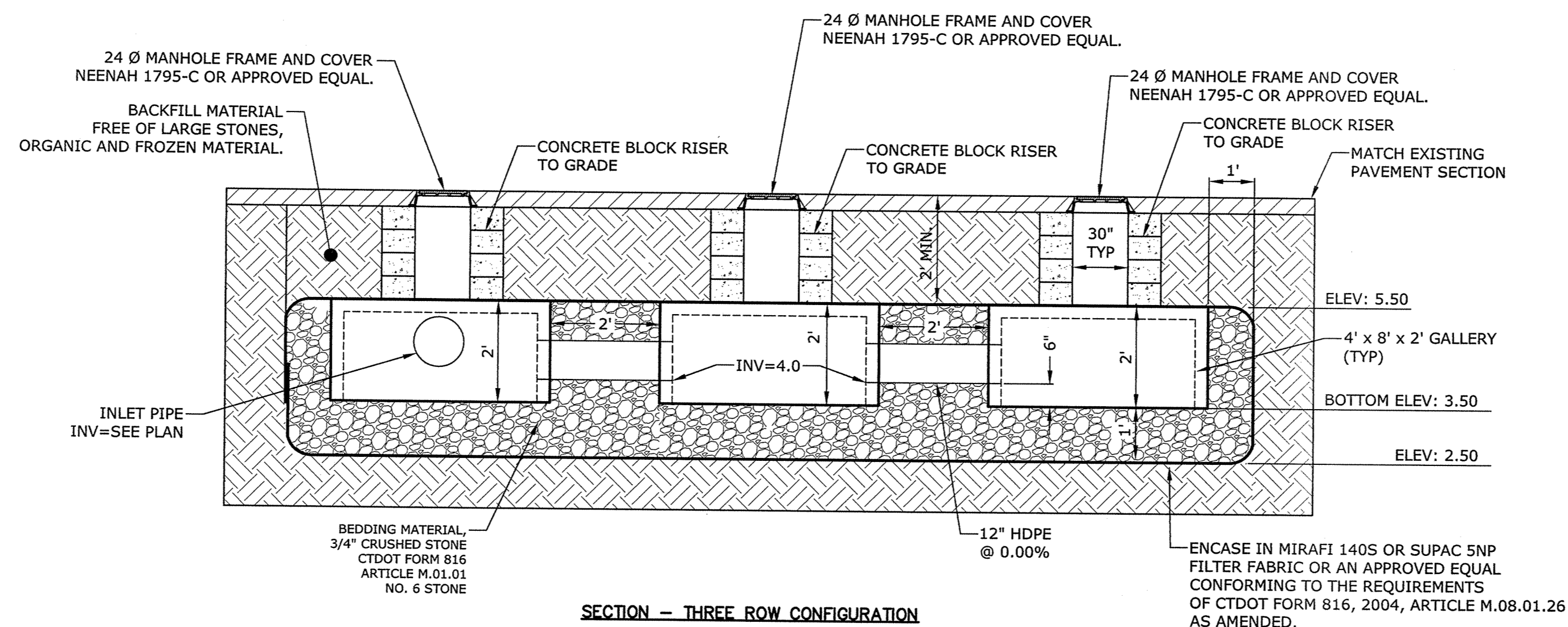
CLEAN-OUT DETAIL
NO SCALE



STANDARD SERVICE LATERAL CONNECTION
NO SCALE



INFILTRATION SYSTEM DETAIL
SCALE: 1" = 5'

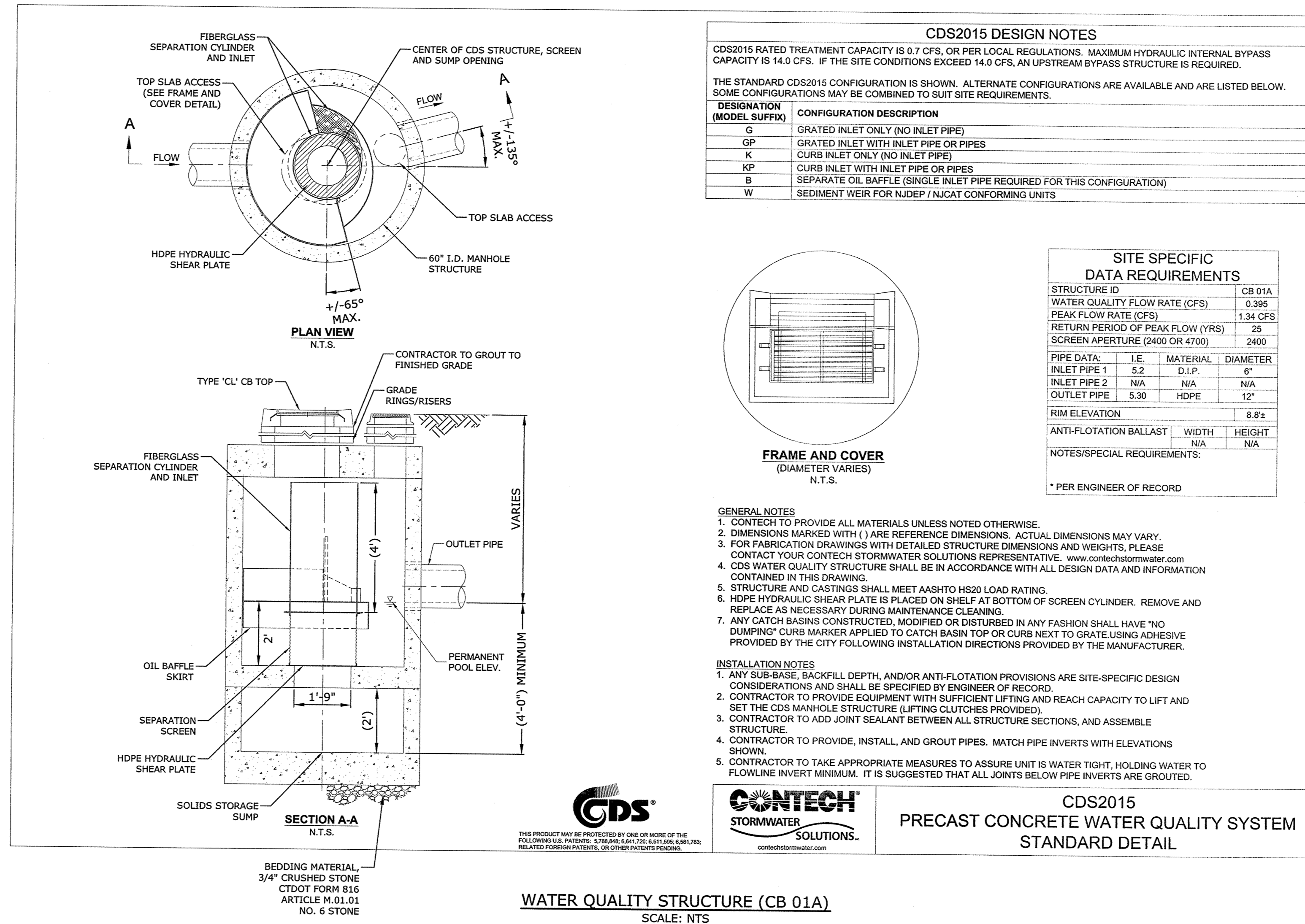


- SPECIFICATIONS:**
- GALLERY TO BE 4' x 8' x 2' GALLERY BY CONNECTICUT PRECAST CORP., MONROE, CONNECTICUT, OR APPROVED EQUAL.
 - CONCRETE 4000 PSI MINIMUM STRENGTH AT 28 DAYS.
 - STEEL REINFORCEMENT ASTM A-615, GRADE 60.
 - DESIGN LOADING MUST MEET AASHTO HS20-44.

4' x 8' x 2' PRECAST GALLERY
NO SCALE

NOTES:

- BASED ON THE TEST PIT REPORTS PREPARED BY THE PROJECT GEOTECHNICAL CONSULTANT, THERE MAY BE AREAS OF THE SITE THAT HAVE A LAYER OF UNSUITABLE MATERIAL IN THE AREA OF THE STORM DRAINAGE STRUCTURES, PIPING AND INFILTRATION SYSTEM. THESE UNSUITABLE MATERIALS MAY INCLUDE, BUT NOT LIMITED TO FILL CONSISTING OF BRICK, CONCRETE, ASPHALT, GLASS, PLASTIC, ASH AND CIDDERS, WOOD, WOOD CHIPS, CERAMIC TILE AND ORGANICS. THESE UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED AT A SITE THAT IS LICENSED TO ACCEPT SUCH MATERIALS.
- WHEN EXCAVATION TO THE VERTICAL LIMITS INDICATED ON THE DRAWINGS ENCOUNTERS UNSUITABLE UNDERLYING MATERIAL, THE CONTRACTOR IS TO REMOVE THE UNSUITABLE MATERIAL AND BACKFILL WITH APPROVED MATERIAL. THE VERTICAL LIMIT OF THIS REMOVAL SHALL BE BELOW THE STORM DRAINAGE STRUCTURES, PIPING AND INFILTRATION SYSTEM TO THE UNDERLYING GLACIAL OUTWASH AS IDENTIFIED BY THE PROJECT GEOTECHNICAL CONSULTANT.
- WHEN EXCAVATION TO THE HORIZONTAL LIMITS INDICATED ON THE DRAWINGS ENCOUNTERS UNSUITABLE MATERIAL, THE CONTRACTOR IS TO REMOVE THE UNSUITABLE MATERIAL AND BACKFILL WITH APPROVED MATERIAL. THE HORIZONTAL LIMIT OF THIS REMOVAL SHALL BE BELOW AT LEAST 2 (TWO) FEET BEYOND THE STORM DRAINAGE STRUCTURES AND PIPING AND AT LEAST 5 (FIVE) FEET BEYOND THE ¾" STONE ENVELOPE SURROUNDING THE INFILTRATION SYSTEM.



Washington Village
Phase 1
13 Day Street
Building A
Norwalk, CT
Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

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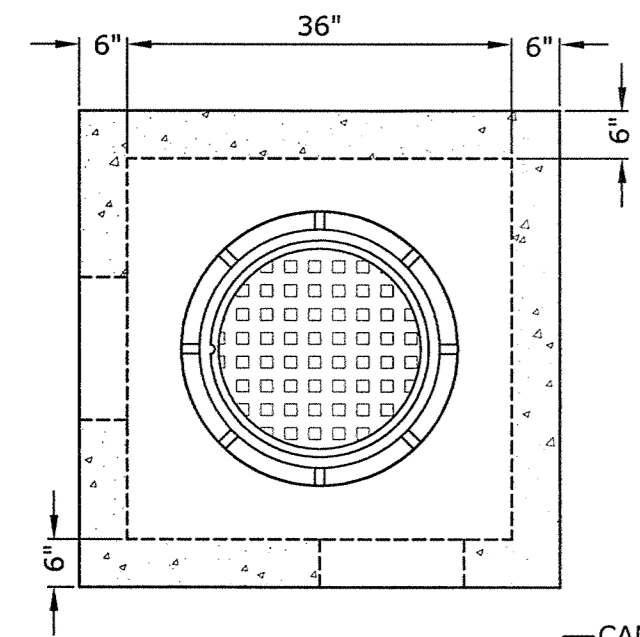
STAMP

| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| 4 | 09-15-2014 | PERMIT/ PRICING |
| 3 | 06-13-2014 | PRICING |
| 2 | 11-18-2013 | 40% CHFA |
| 1 | 09-19-2013 | CAM/ SPECIAL PERMIT |

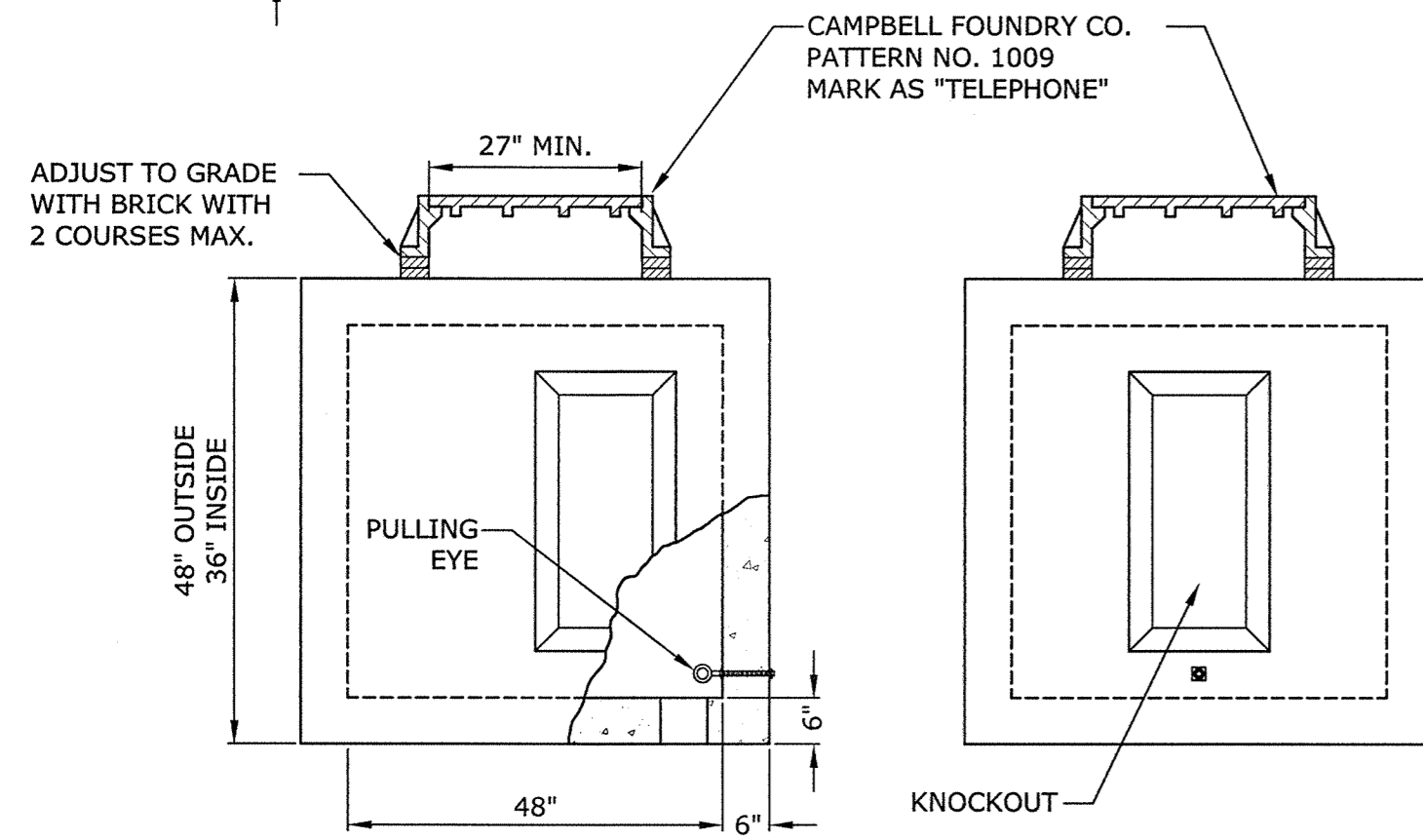
PROJECT NO.: 10071
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SHEET TITLE
INFILTRATION SYSTEM DETAILS

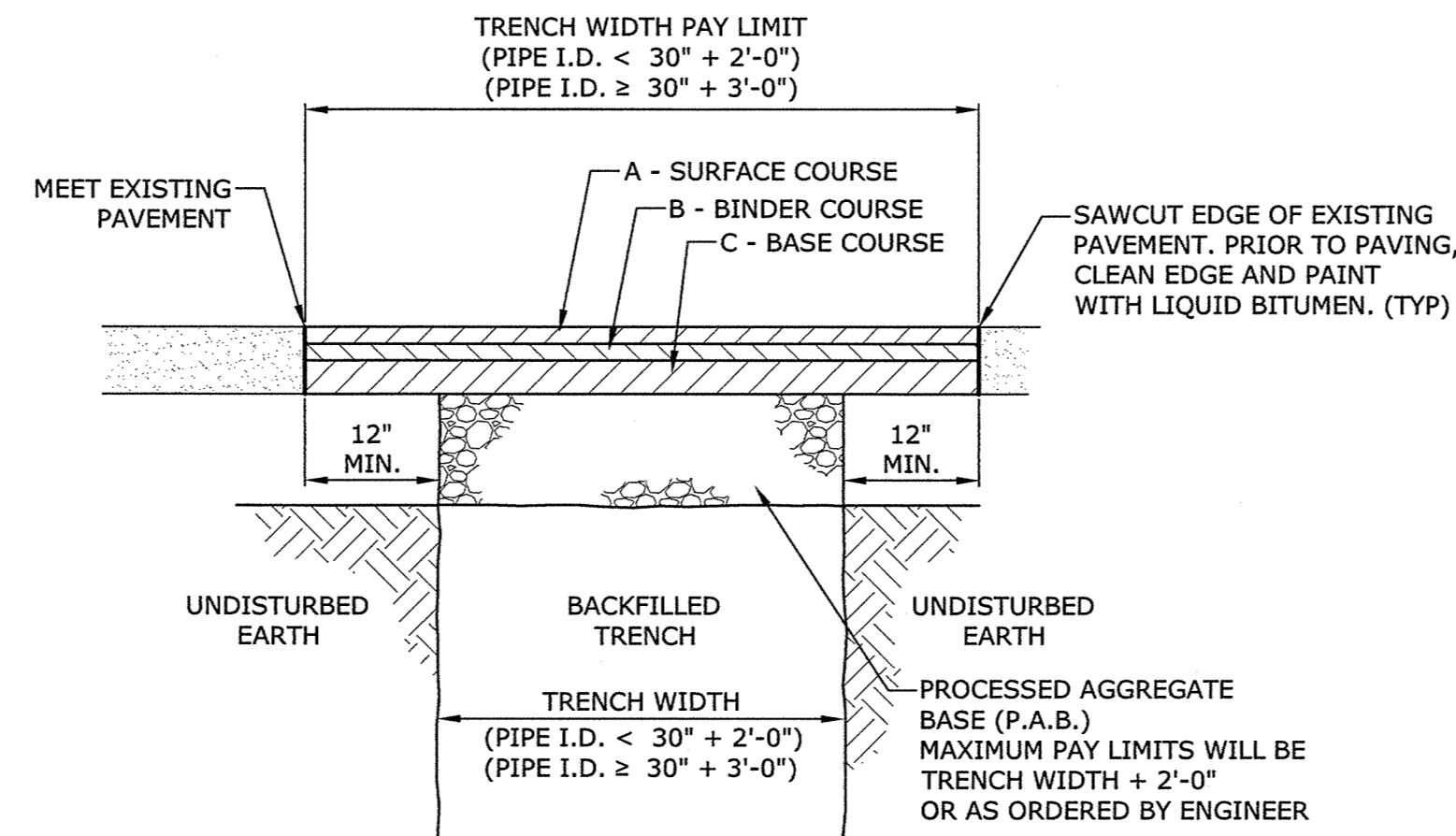
C4.3



- NOTES**
- UTILITY MANHOLE TO BE SUPPLIED BY ARROW CONCRETE PRODUCTS, MILFORD, CONNECTICUT OR APPROVED EQUAL.
 - UTILITY MANHOLE SHALL SUPPORT FOR AASHTO H-20 LOADING.
 - CONCRETE TO BE 5,000 PSI AT 28 DAYS.
 - REINFORCING SHALL BE ASTM A-615, GRADE 60.

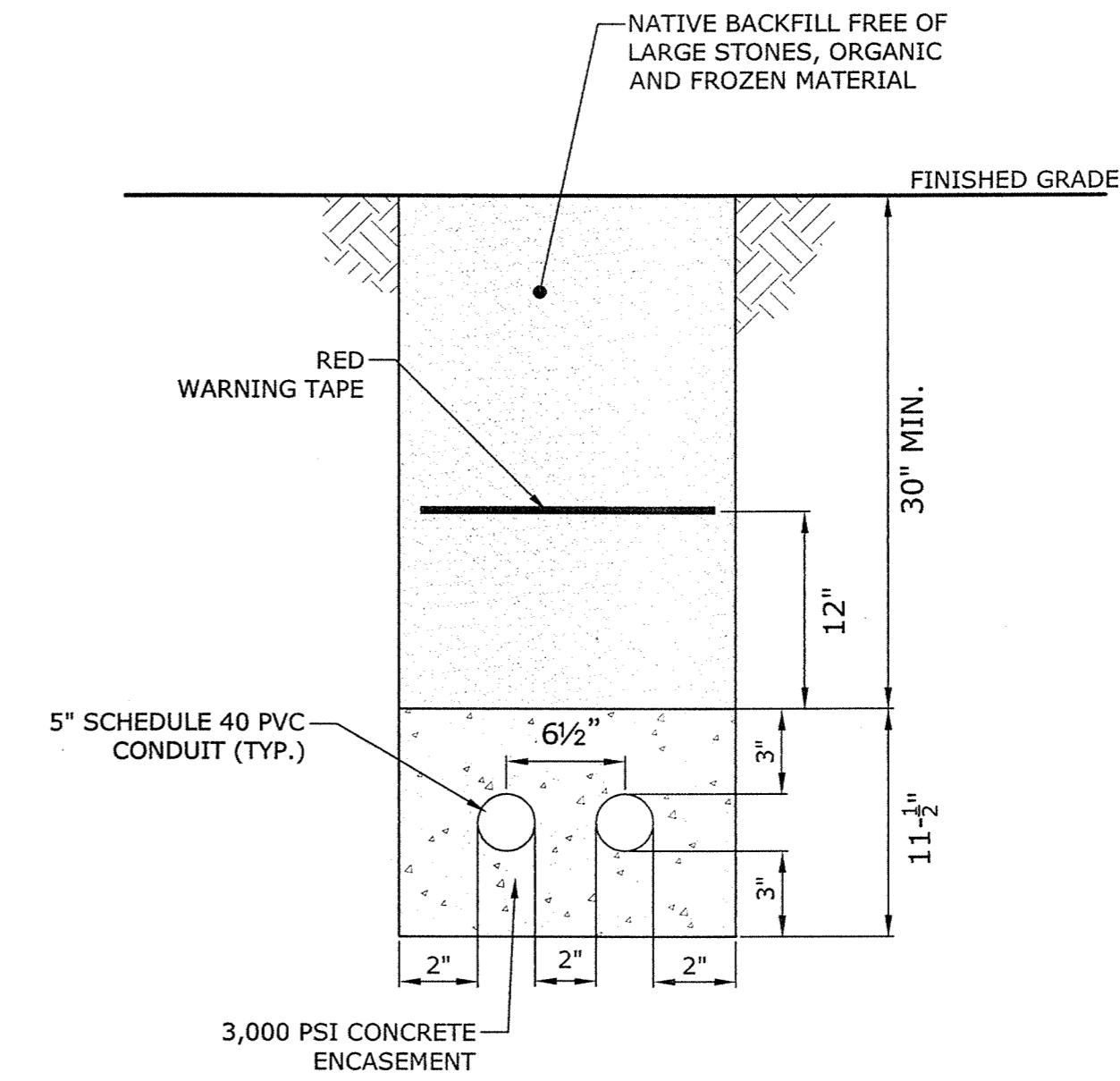


CONCRETE TELEPHONE/C-TV PULL BOX
NO SCALE

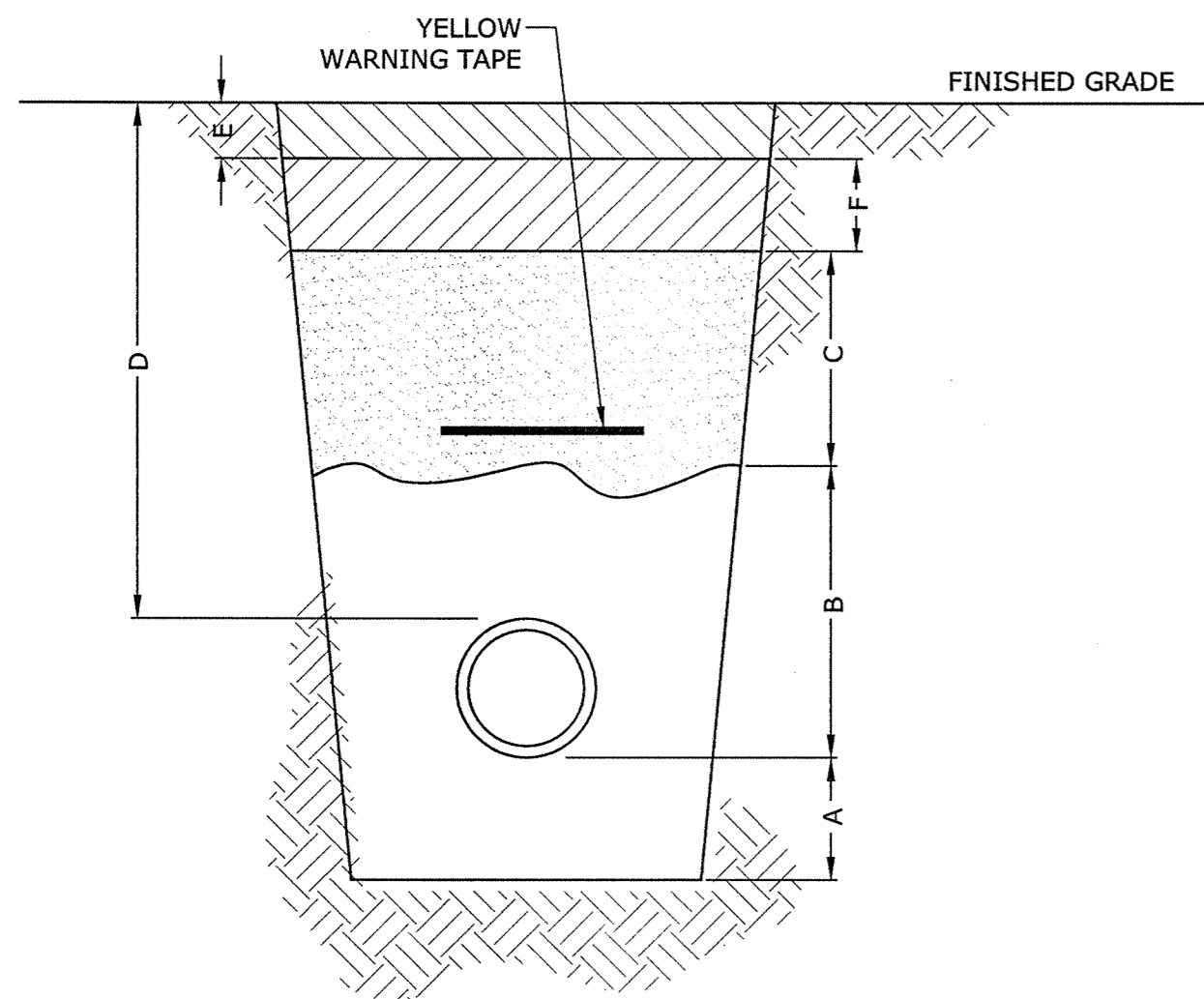


| | A | B | C | D |
|----------------|------|------|------|--------|
| | CL 2 | CL 1 | CL 4 | P.A.B. |
| MAJOR ARTERIAL | 2" | 2" | 6" | 14" |
| MINOR ARTERIAL | 1½" | 2" | 3" | 12" |
| COLLECTOR | 1½" | 1½" | 3" | 10" |
| LOCAL | 1½" | 1½" | — | 8" |

**PAVEMENT REPAIR
(CITY OF NORWALK)**
NO SCALE



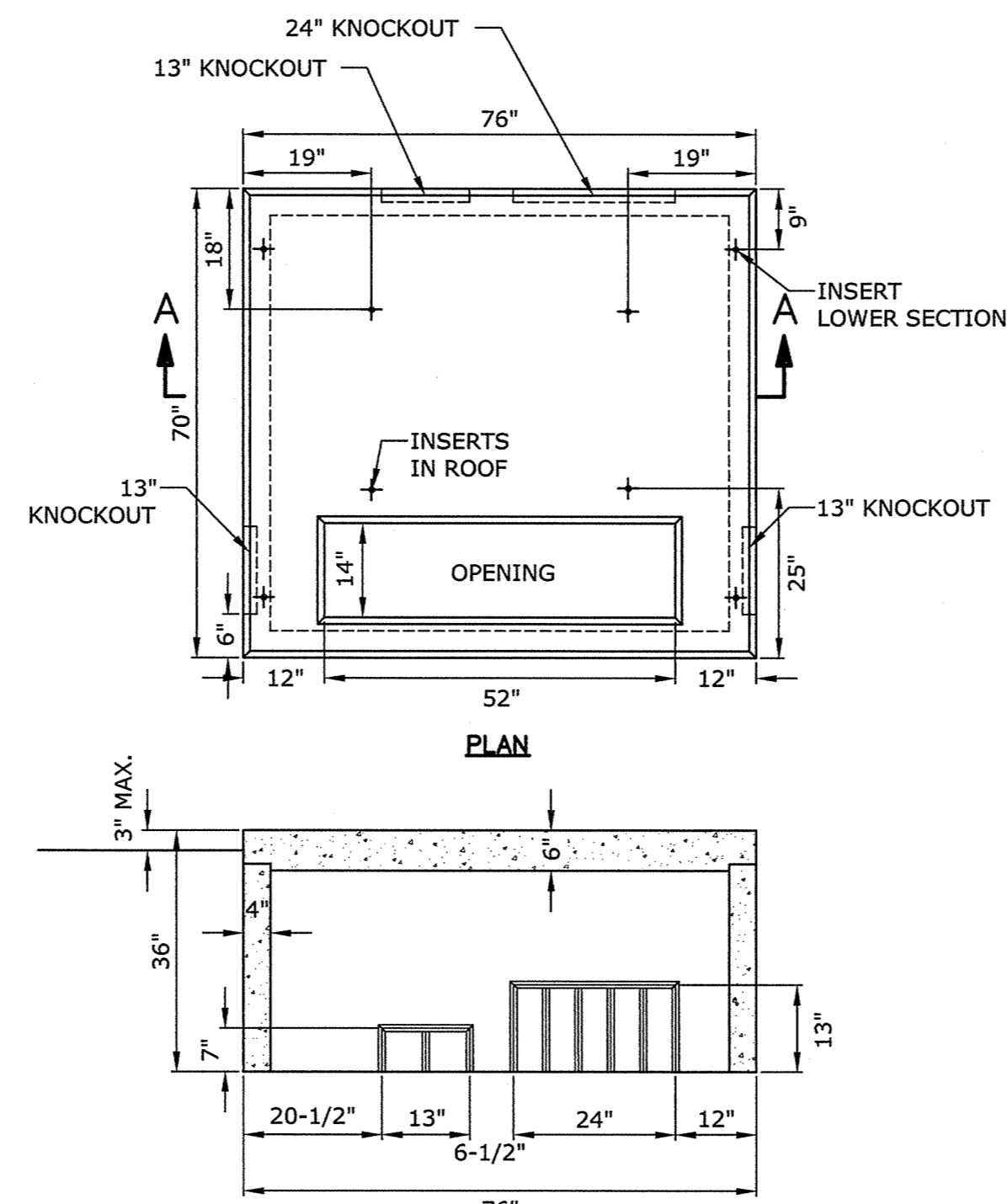
**ELECTRICAL
CONDUIT BANK DETAIL**
NO SCALE



| ITEM | NORMAL | DEPTH | ROCK |
|------------------------------------------|--------------|--------------|-------------|
| A - SAND PADDING | 4" | 6" | 6" |
| B - SAND PADDING AS BACKFILL | 6" OVER PIPE | 6" OVER PIPE | AS REQUIRED |
| C - REPLACEMENT FILL / SUITABLE BACKFILL | AS REQUIRED | AS REQUIRED | AS REQUIRED |
| D - COVER | 36" | 24" | 24" |
| E - ROAD REPAIR | AS REQUIRED | AS REQUIRED | AS REQUIRED |
| F - PROCESSED AGGREGATE | AS REQUIRED | AS REQUIRED | AS REQUIRED |

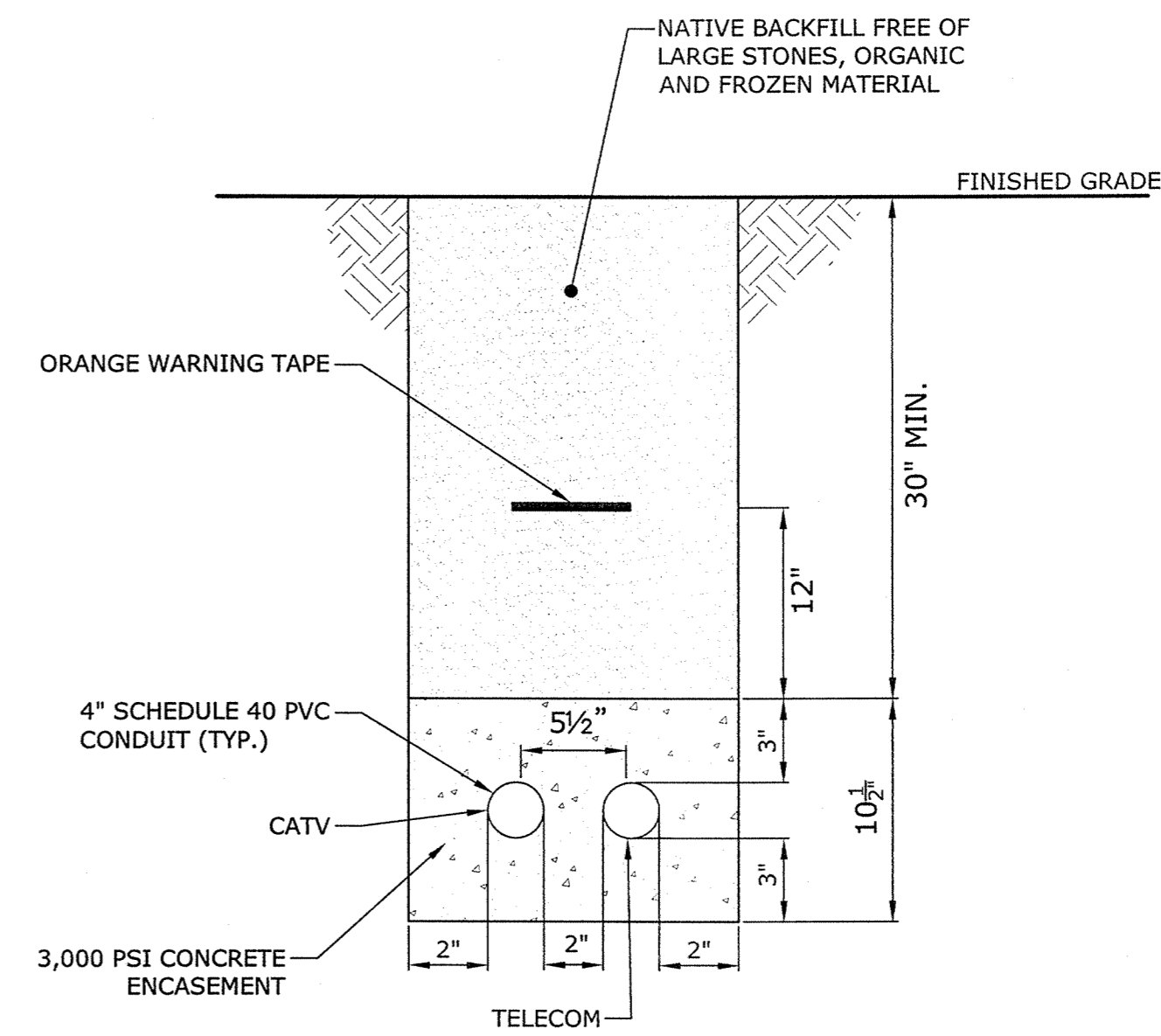
- NOTES:**
- EACH BURIED MAIN SHOULD BE INSTALLED WITH 36" COVER TO INSURE ADEQUATE COVER FOR SERVICE TEES, VALVES, AND OTHER FITTINGS THAT MAY BE ADDED AT A FUTURE DATE.
 - ADDITIONAL COVER SHOULD BE PROVIDED WHERE THE POTENTIAL FOR DAMAGE BY OUTSIDE FORCES IS GREATER THAN NORMAL. CONSIDERATION SHOULD BE GIVEN TO THE FOLLOWING:
 - DRAINAGE DITCH CROSSINGS
 - OTHER UTILITY CROSSINGS
 - LOCATIONS WHERE EROSION DUE TO WATER OR VEHICULAR ACTIVITY MAY AFFECT THE GRADE
 - STREET LOCATIONS WHERE FUTURE STREET WORK IS A POSSIBILITY
 - REQUIREMENTS OF OTHER REGULATORY AGENCIES
 - EACH BURIED MAIN MUST BE INSTALLED WITH A MINIMUM OF 24" COVER. WHERE AN UNDERGROUND STRUCTURE PREVENTS THE INSTALLATION OF THE MAIN WITH THE MINIMUM COVER, THE MAIN MAY BE INSTALLED WITH LESS COVER IF IT IS PROVIDED ADDITIONAL PROTECTION SUCH AS CASINGS TO WITHSTAND ANTICIPATED EXTERNAL LOADS.

**YANKEEGAS GAS MAIN
TRENCH BEDDING DETAIL**
NO SCALE



NOTE: PAD TO MEET ALL SNEW SPECIFICATIONS.

**PRECAST THREE PHASE
TRANSFORMER PAD**
NO SCALE



NOTE: MINIMUM CONDUIT RADIUS TO BE 15'-0"

**TELECOM/CATV
CONDUIT BANK DETAIL**
NO SCALE

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
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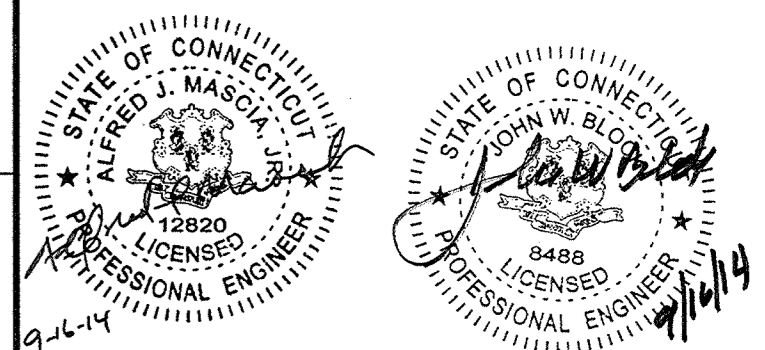
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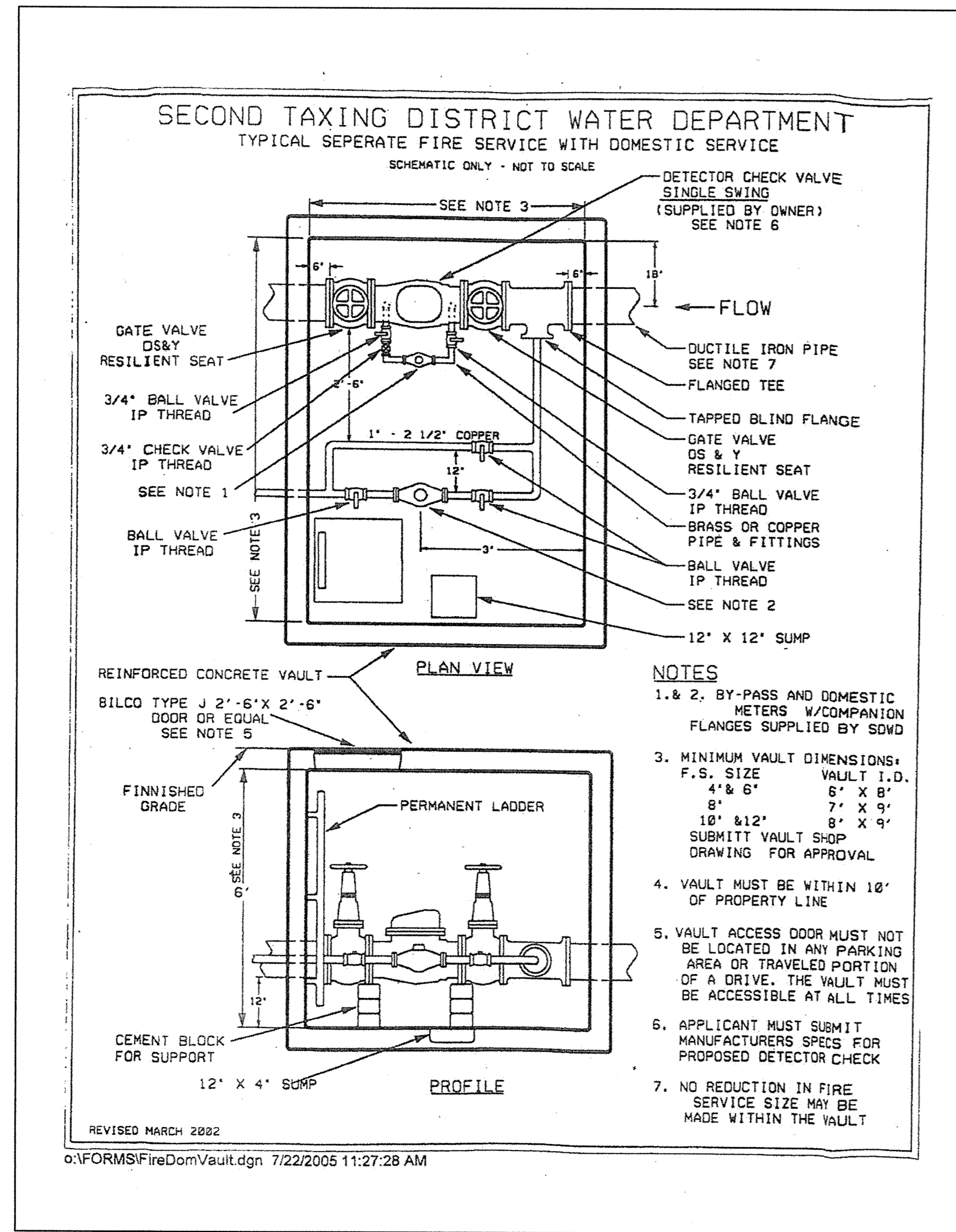
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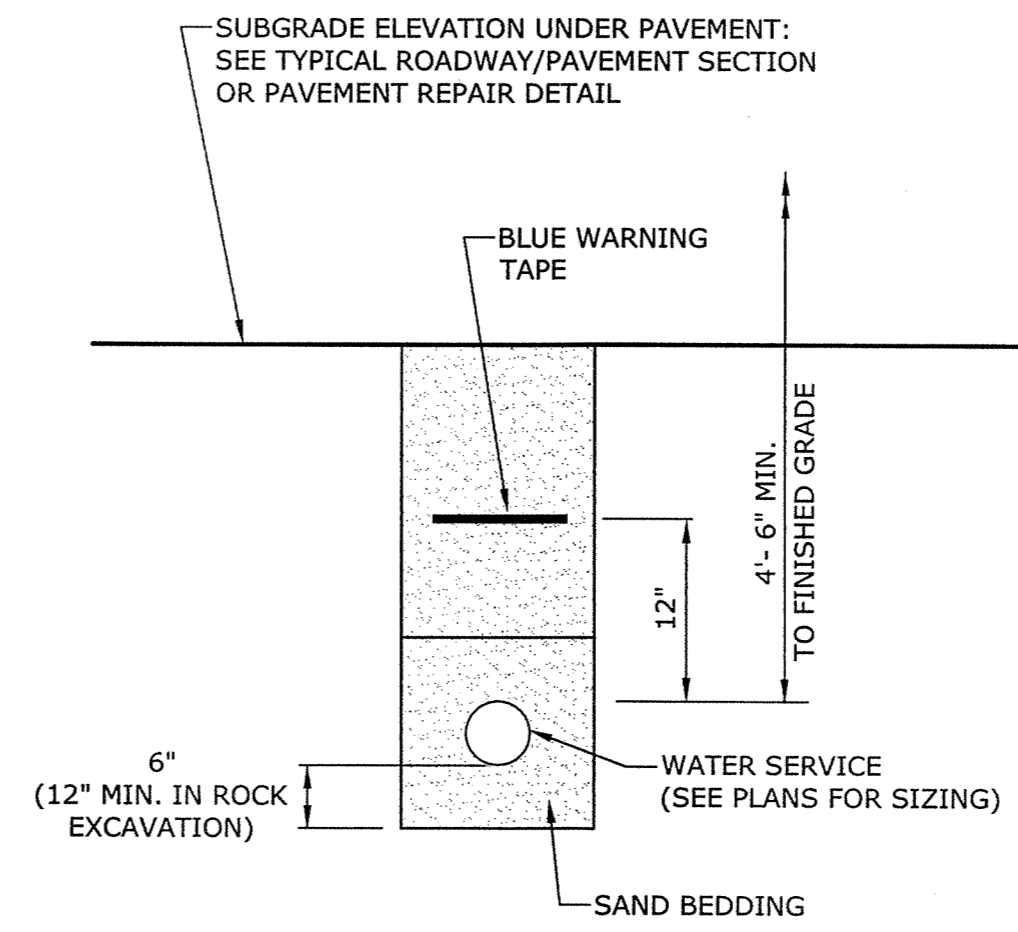
SHEET TITLE

UTILITY DETAILS

C4.4

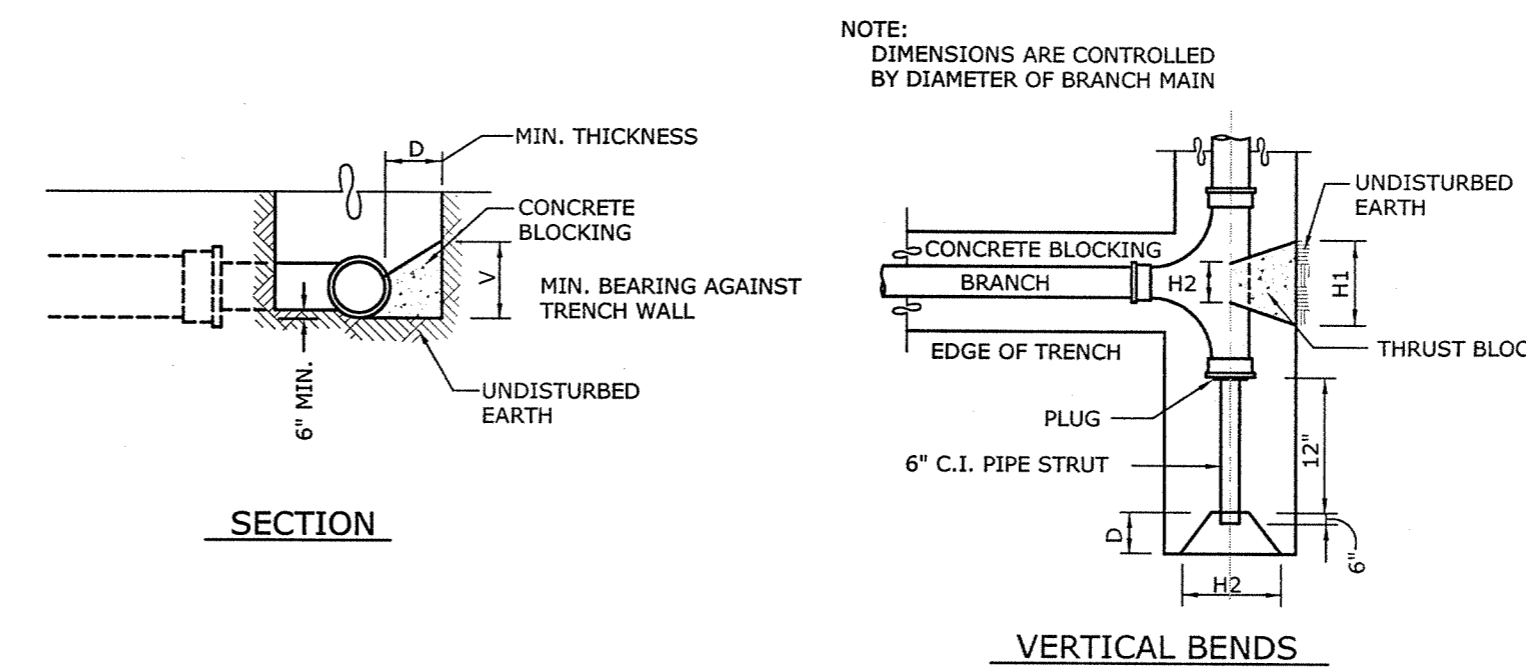


WATER METER VAULT
NO SCALE



- NOTES:**
1. SAND BEDDING MATERIAL TO BE PLACED A MINIMUM OF 1'-0" OVER THE TOP OF WATER SERVICE.
 2. BEDDING MATERIAL TO BE PLACED ON UNDISTURBED FOUNDATION.
 3. REMOVE ANY UNSUITABLE FOUNDATION MATERIAL AND REPLACE WITH COMPACTED BEDDING MATERIAL.
 4. ALL MATERIALS & SPECIFICATIONS TO CONFORM TO SNEW WATER DEPARTMENT STANDARDS AND REQUIREMENTS.

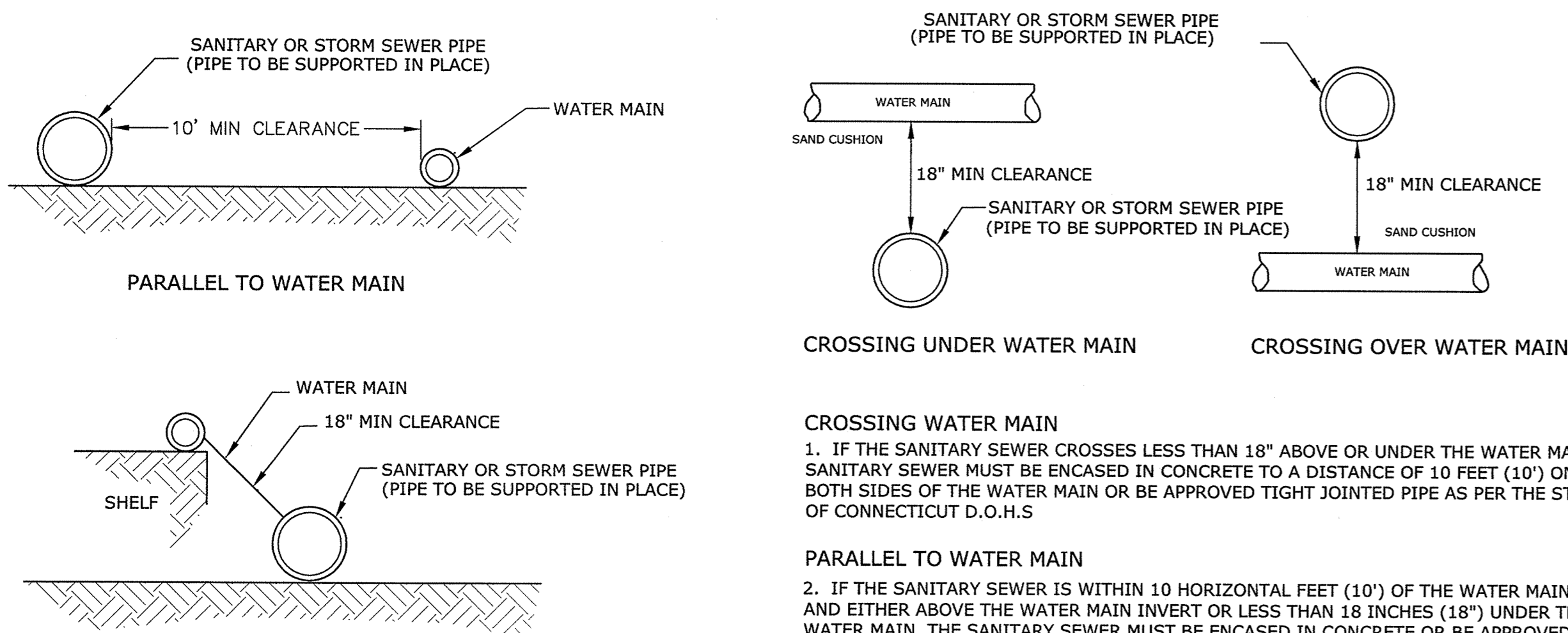
WATER SERVICE TRENCH
NO SCALE



CONCRETE THRUST BLOCKING
NO SCALE

TABLE OF DIMENSIONS FOR CONCRETE BLOCKING

| PIPE SIZE (H) | TEES, CROSSES & PLUGS | | | | 90° BENDS | | | | 45° BENDS | | | | 22 1/2° BENDS | | | | 11 1/4° BENDS | | | | | | | | |
|---------------|-----------------------|-----|-----|-----|-----------|-----|-----|-----|-----------|---------|-----|-----|---------------|-----|---------|-----|---------------|-----|-----|---------|-----|-----|-----|-----|------|
| | H1 | H2 | V | D | CU. FT. | H1 | H2 | V | D | CU. FT. | H1 | H2 | V | D | CU. FT. | H1 | H2 | V | D | CU. FT. | | | | | |
| 6"Ø | 24" | 16" | 18" | 18" | 3.50 | 30" | 16" | 18" | 18" | 4.05 | 24" | 10" | 16" | 18" | 3.20 | 24" | 10" | 16" | 18" | 3.20 | 24" | 10" | 16" | 18" | 3.20 |
| 8"Ø | 36" | 18" | 18" | 18" | 5.05 | 39" | 18" | 24" | 18" | 7.30 | 30" | 11" | 18" | 18" | 3.95 | 24" | 11" | 18" | 18" | 3.45 | 24" | 11" | 16" | 18" | 3.40 |
| 12"Ø | 54" | 30" | 24" | 24" | 13.4 | 54" | 32" | 36" | 24" | 18.15 | 42" | 18" | 24" | 24" | 9.60 | 24" | 18" | 24" | 24" | 6.60 | 24" | 18" | 21" | 24" | 6.10 |



SEWER PIPE CROSSING DETAIL
NO SCALE

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

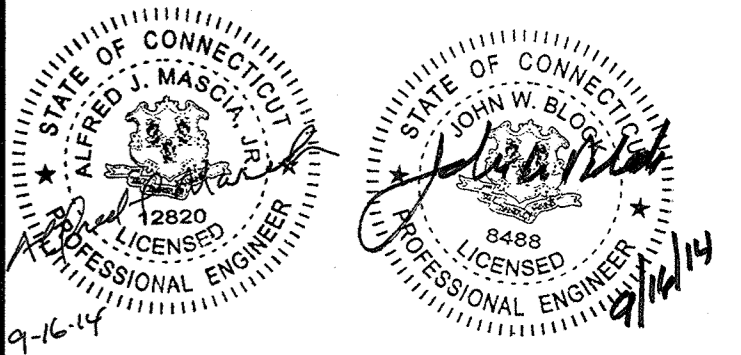
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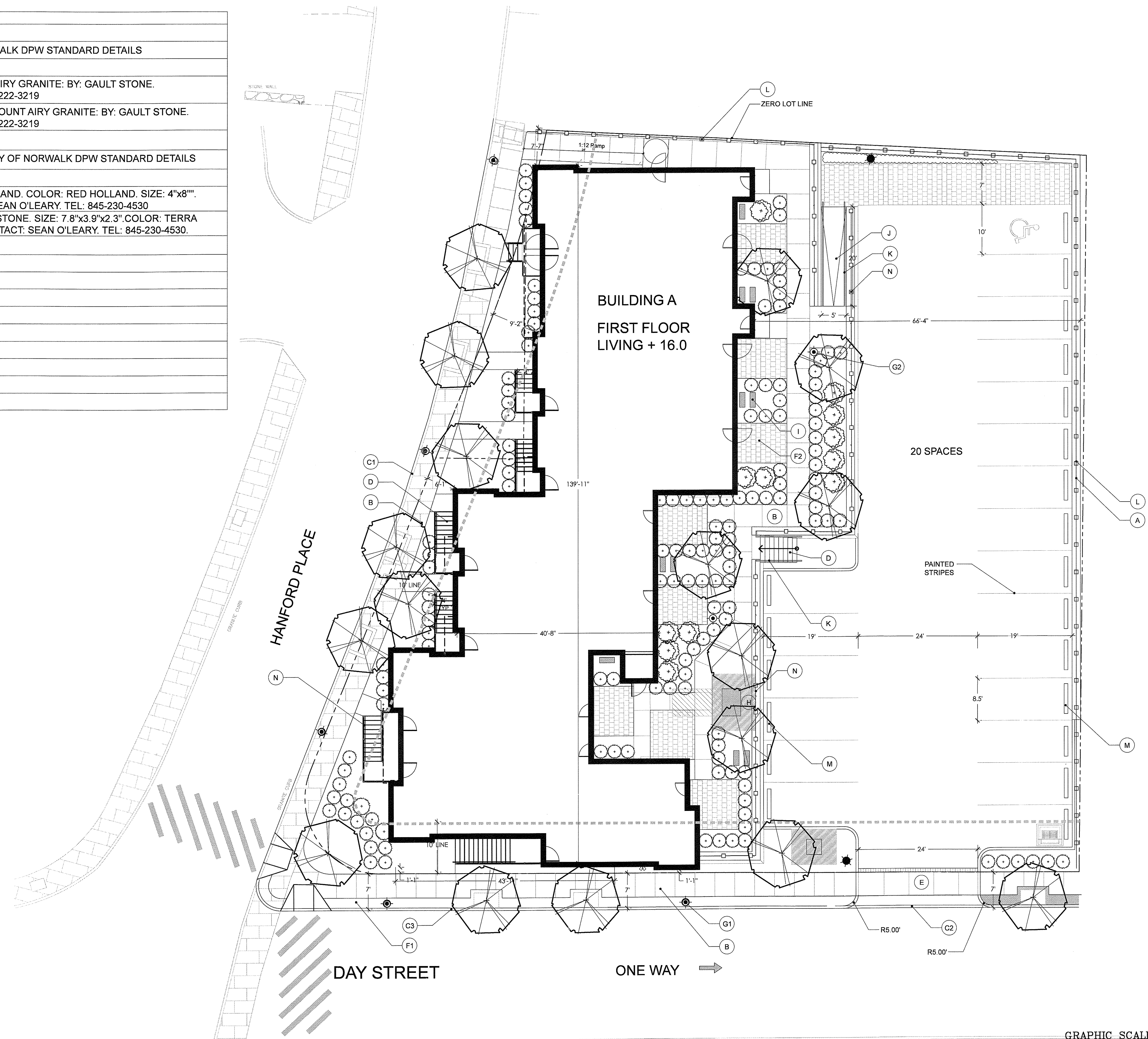
SHEET TITLE

WATER SERVICE DETAILS

C4.5

SITE MATERIALS SCHEDULE

| SYM | ITEM |
|------|-----------------------------------------------------------------------------------------------------------------------------------------|
| (A) | PRECAST BLOCK WALL |
| (B) | CONCRETE SIDEWALK - CITY OF NORWALK DPW STANDARD DETAILS |
| (C) | CURB |
| (C1) | GRANITE CURB: WHITE MOUNT AIRY GRANITE: BY: GAULT STONE. CONTACT: BILL CRIBARI TEL:203-222-3219 |
| (C2) | FLUSH GRANITE CURB: WHITE MOUNT AIRY GRANITE: BY: GAULT STONE. CONTACT: BILL CRIBARI TEL:203-222-3219 |
| (D) | CONCRETE STEPS WITH HANDRAILS |
| (E) | TYPE 'A' CONCRETE DRIVE APRON. CITY OF NORWALK DPW STANDARD DETAILS |
| (F) | PAVER |
| (F1) | BRICK PAVER: MODEL:NEW HOLLAND. COLOR: RED HOLLAND. SIZE: 4"x8". MADE BY: UNILOCK. CONTACT: SEAN O'LEARY. TEL: 845-230-4530 |
| (F2) | PATIO PAVER: MODEL: HOLLANDSTONE. SIZE: 7.8"x3.9"x2.3". COLOR: TERRA COTTA. MADE BY: UNILOCK. CONTACT: SEAN O'LEARY. TEL: 845-230-4530. |
| (G) | SITE LIGHTING |
| (G1) | STREET POLE LIGHT |
| (G2) | PARKING LOT POLE LIGHT |
| (H) | TRANSFORMER |
| (I) | AC UNIT |
| (J) | RAMP |
| (K) | HANDRAIL |
| (L) | BLACK VINYL COATED FENCE |
| (M) | CONCRETE CURB STOP |
| (N) | POWDERCOATED METAL HANDRAIL |



GENERAL NOTE:
 THE EXCAVATION, HANDLING, AND MANAGEMENT OF ALL SITE SOILS, INCLUDING THE ON-SITE REUSE OF EXISTING SITE SOILS TO THE FULLEST EXTENT FEASIBLE, SHALL BE PERFORMED IN ACCORDANCE WITH THE EARTHWORK SPECIFICATION SECTION 02300 AND THE SOIL MANAGEMENT PLAN PREPARED FOR USE ON THIS PROJECT, PURSUANT TO THE STATE OF CONNECTICUT REMEDIATION STANDARD REGULATIONS (RSRS). LAWN/LANDSCAPED AREAS OF THE SITE NOT COVERED BY THE PROPOSED BUILDINGS, CONCRETE OR PAVEMENT SHALL BE COVERED BY A GEOTEXTILE MARKER BARRIER AND A MINIMUM 4-FOOT SURFICIAL THICKNESS OF "CLEAN" SOIL, MEETING THE CT RSRS, AT FINISHED GRADE.

**Washington Village
Phase 1**

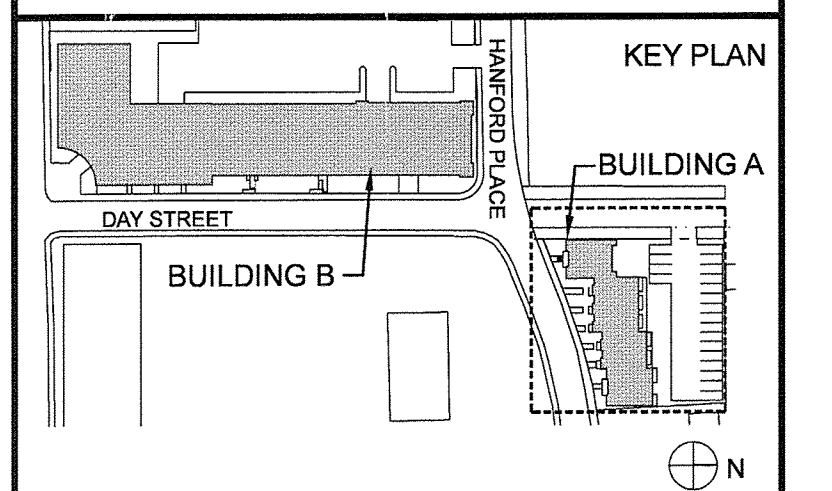
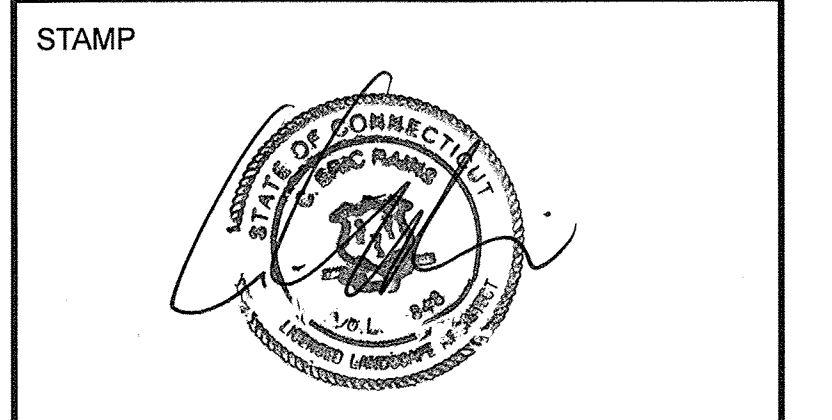
**13 Day Street
Building A**

Norwalk, CT
 Trinity Washington Village Limited Partnership
 &
 the Norwalk Housing Authority



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 erla eric rains
 landscape architecture, llc
 37 N. Water Street Norwalk, CT 06851-7600 www.eralandscape.com



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| 1 | 09.19.2013 | CAM/SPECIAL PERMIT |

PROJECT NO.: 21222
 DRAWN BY:
 CHECKED BY:

SHEET TITLE
SITE PLAN

L-1.0

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

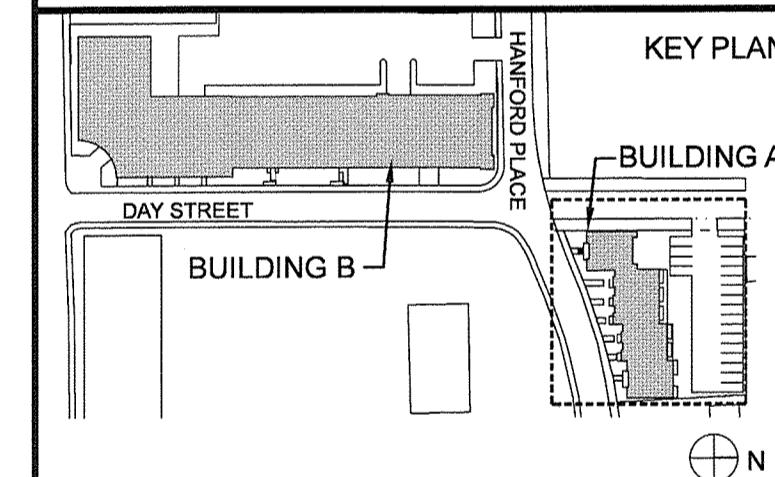
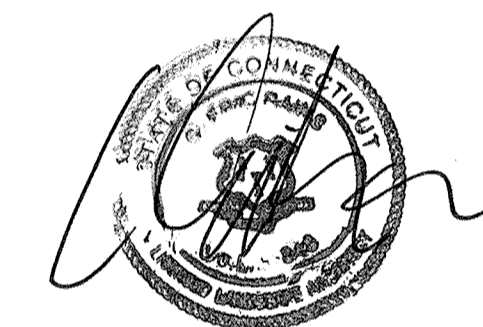


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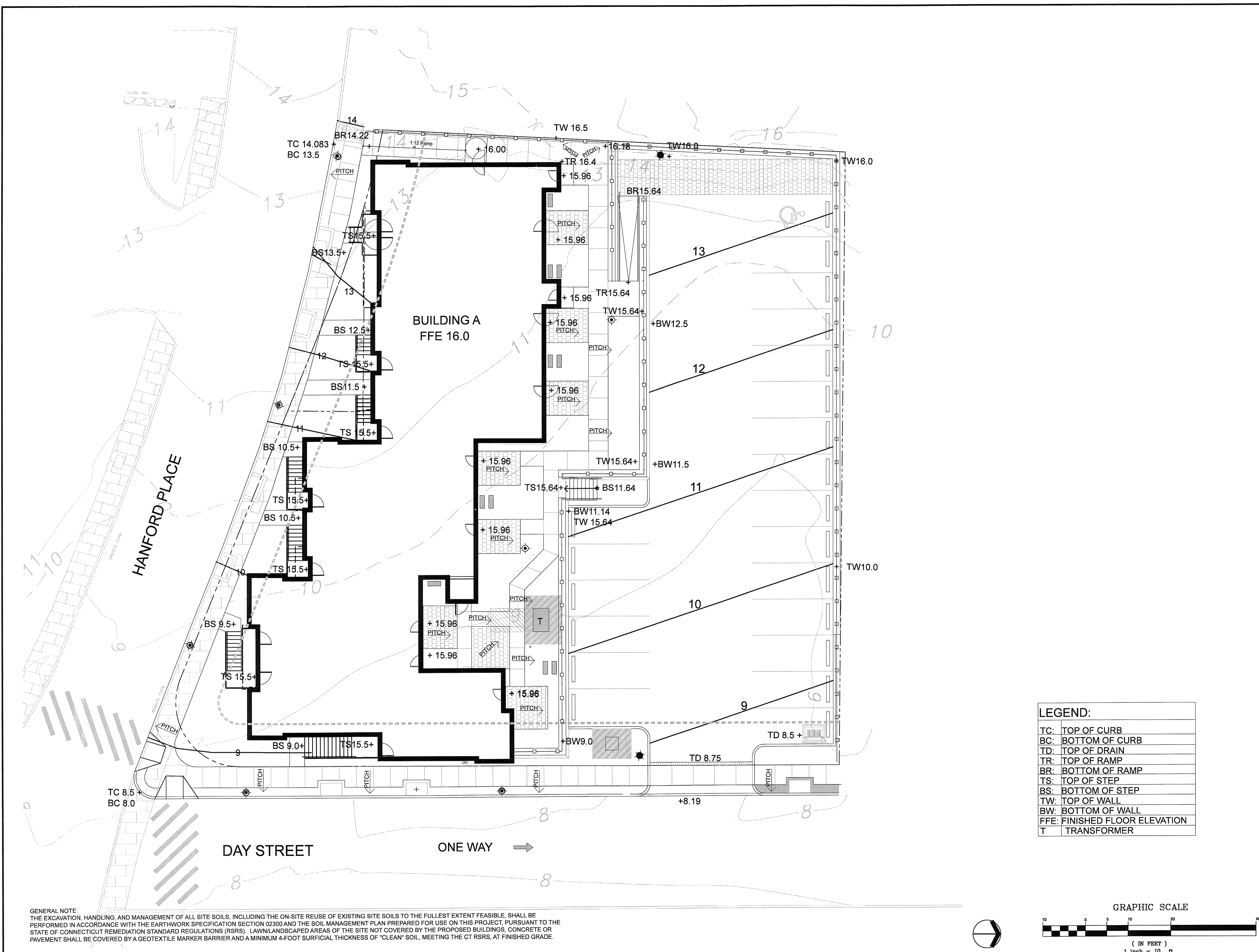
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| 1 | 09.19.2013 | CAM/SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY:
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SHEET TITLE

GRADING
PLAN

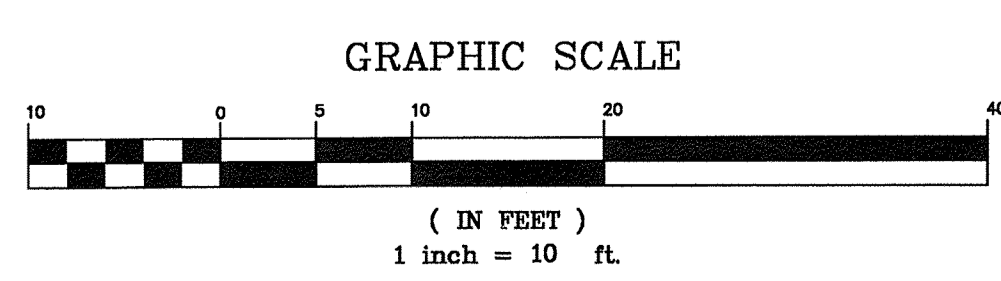
L-2.0



GENERAL NOTE:
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LEGEND:

| | |
|------|--------------------------|
| TC: | TOP OF CURB |
| BC: | BOTTOM OF CURB |
| TD: | TOP OF DRAIN |
| TR: | TOP OF RAMP |
| BR: | BOTTOM OF RAMP |
| TS: | TOP OF STEP |
| BS: | BOTTOM OF STEP |
| TW: | TOP OF WALL |
| BW: | BOTTOM OF WALL |
| FFE: | FINISHED FLOOR ELEVATION |
| T | TRANSFORMER |



Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

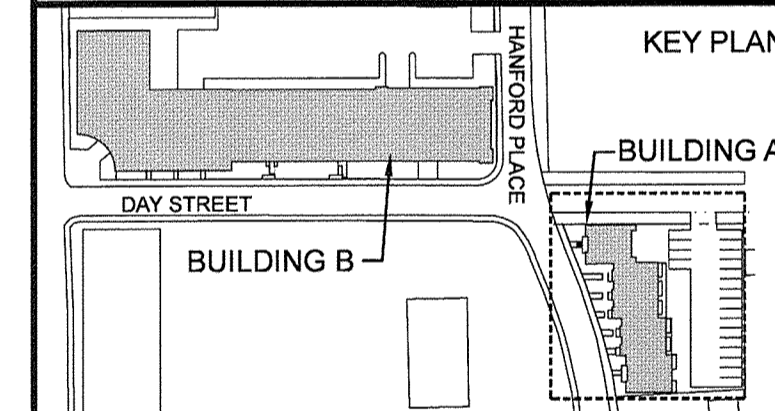
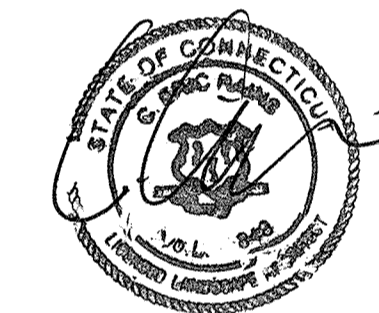


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PROJECT NO.: 21222
DRAWN BY:
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SHEET TITLE

PLANTING PLAN

L-3.0

PLANT LIST

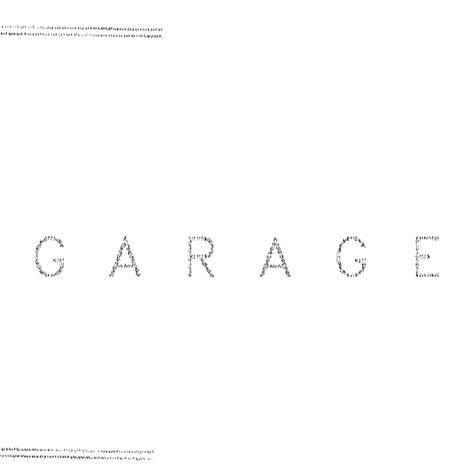
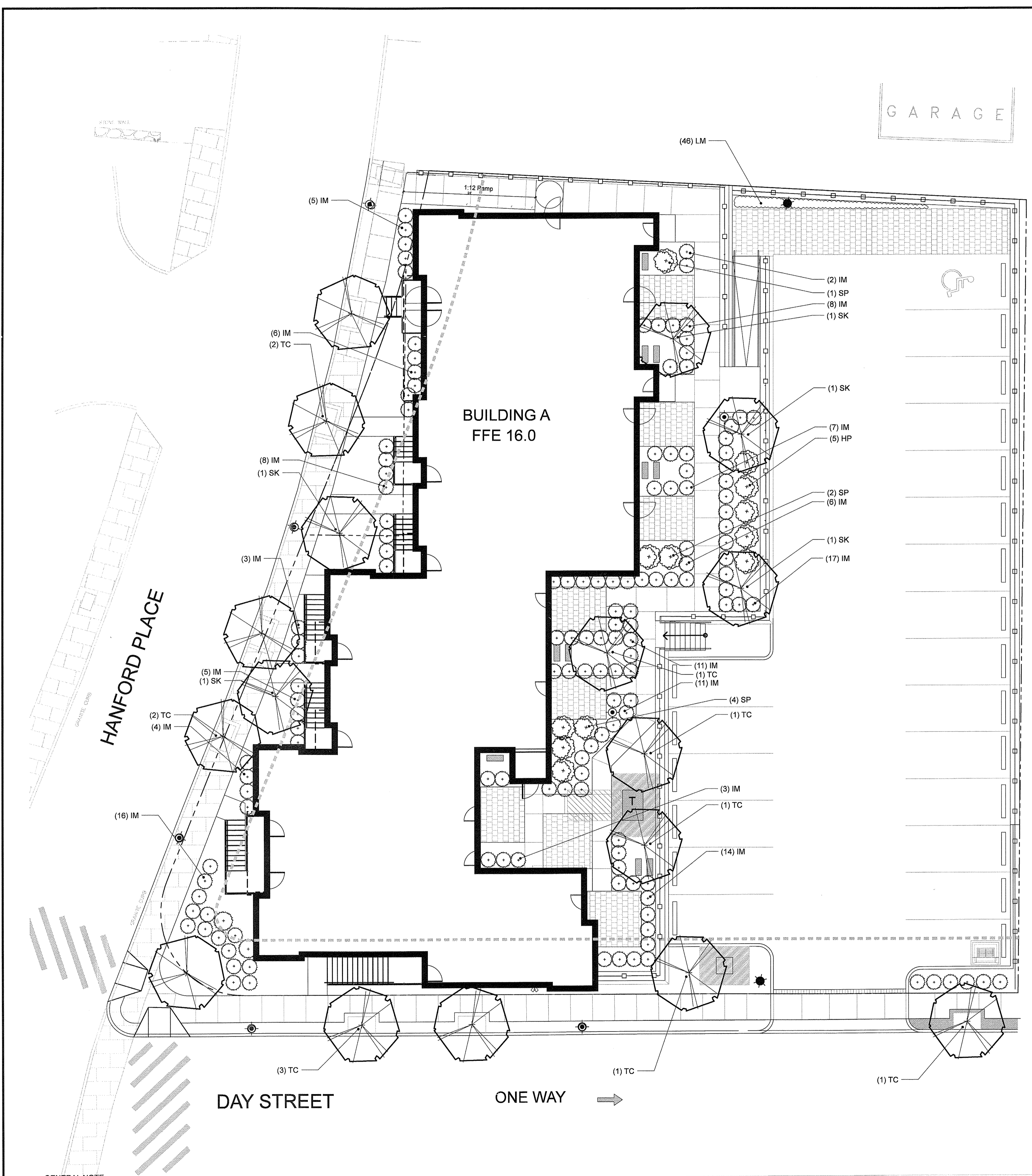
| SYM | QTY | BOTANICAL NAME | COMMON NAME | ROOT | SIZE | COMMENTS |
|---------------------|-----|-------------------------------------------|------------------------------|-------|------------------|-----------------------------------------|
| TREES | | | | | | |
| SK | 5 | Stewartia koreana | KOREAN STEWARTIA | B&B | 3 1/2" - 4" cal. | Full, Nicely Shaped, 6' clear to ground |
| TC | 12 | Tilia Cordata | LITTLE LEAF LINDEN | B&B | 3 1/2" - 4" cal. | Full, Nicely Shaped, 6' clear to ground |
| SHRUBS | | | | | | |
| HP | 5 | Hydrangea paniculata 'Vanilla Strawberry' | VANILLA STRAWBERRY HYDRANGEA | B&B | 30"- 36" HT. | Specimen, 36" Spacing O.C. |
| IM | 140 | Ilex x meserveae 'Blue Princess' | BLUE PRINCESS HOLLY | B&B | 30"- 36" HT. | Specimen, 36" Spacing O.C. |
| SP | 7 | Syringa pubescens subsp. patula | MISS KIM LILAC | Cont. | 2 Gal. | Full, Nicely Shaped |
| GROUND COVER | | | | | | |
| LM | 46 | Liriope muscari 'Big Blue' | BIG BLUE LILY TURF | Cont. | 1 Pint | 12"-15" Spacing O.C. |

SOIL CHART

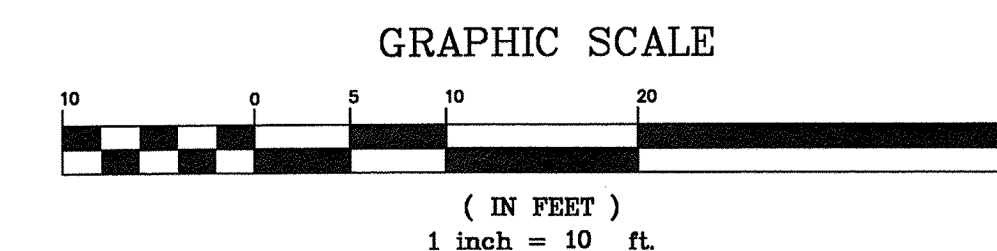
| POST CONSTRUCTION | TYPE OF PREPARATION |
|-------------------------------|----------------------------------------------------------------------------------------------|
| GOOD SOIL | LOOSEN EXISTING SOIL |
| COMPACTED SOIL | LOOSEN EXISTING SOIL, ADD COMPOSTED ORGANIC MATTER TO BRING ORGANIC CONTENT TO 5% DRY WEIGHT |
| CLAY CONTENT 5-35% | LOOSEN EXISTING SOIL, ADD ORGANIC MATTER TO BRING ORGANIC CONTENT TO 5% DRY WEIGHT |
| SANDY LOAM SOILS | ADD CLEAN COMPOSTED ORGANIC MATERIAL (20% MAX. BY VOLUME) TO THE EXISTING SOIL. |
| POOR QUALITY, HEAVY CLAY SOIL | REMOVE EXISTING SOIL, ADD LOAM TOPSOIL |

PLANTING NOTES

- EACH TREE MUST BE PLANTED SUCH THAT THE TRUNK FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. TREES WHERE THE TRUNK FLARE IS NOT VISIBLE SHALL BE REJECTED. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
- DO NOT HEAVILY PRUNE THE TREE AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
- STAKE TREE BASED ON CRITERIA BELOW OR AS REQUESTED BY THE LANDSCAPE ARCHITECT.
- WRAP TREE TRUNKS ONLY UPON THE APPROVAL OF THE LANDSCAPE ARCHITECT.
- BACK FILL WITH SOIL EXCAVATED TO MAKE HOLE. SEE SOIL CHART FOR SOIL AMENDMENTS.
- DO NOT PLACE MULCH IN CONTACT WITH TREE TRUNK. MAINTAIN THE MULCH FREE OF WEEDS.
- ALL PLANT MATERIAL SHALL BE INSPECTED FOR DEFECTS AND OR DAMAGE BEFORE PLANTING. SUBSTANDARD PLANTS SHALL BE RETURNED AND REPLACED BY THE CONTRACTOR. ACCEPTABLE PLANTS ARE TO BE PLANTED PER THE SPECIFICATIONS OF THE PLANT.
- ALL PLANTINGS OPERATIONS SHALL BE PERFORMED AND COMPLETED BETWEEN OCTOBER 1 AND THE DATE AT WHICH FROZEN SOIL CONDITIONS EXIST, AND/OR FROM APRIL 15 TO JUNE 15.
- ALL PLANT MATERIAL IS TO HAVE A ONE YEAR WARRANTY THAT WILL INCLUDE ALL MATERIALS AND LABOR. REPLACEMENT OPERATIONS SHALL OCCUR DURING THE APPROPRIATE GROWING SEASON AND SHALL INCLUDE ALL MATERIAL THAT HAS LOST UP TO 25% OF ITS AREA OR MASS.
- THE ACCEPTABILITY OF THE PLANT MATERIAL FURNISHED AND PLANTED SHALL BE DETERMINED AT THE END OF THE FIRST FULL GROWING SEASON SHOULD THE INSTALLING CONTRACTOR NOT BE THE MAINTENANCE CONTRACTOR, THE INSTALLING CONTRACTOR SHALL, AS NECESSARY, INFORM THE OWNER OF ANY CONDITIONS THAT ARE CAUSING THE INSTALLED PLANT MATERIAL TO SUFFER OR DECLINE.
- AT THE END OF ONE FULL GROWING SEASON, AN INSPECTION TO DETERMINE THE ACCEPTABILITY OF PLANT ESTABLISHMENT WILL BE HELD BY THE CONTRACTOR AND OWNER NO LATER THAN OCTOBER 1. AT THE END OF ONE YEAR, CONTRACTOR SHALL REPLACE ALL DEAD SHRUBS AND PLANTINGS AND PERFORM ANY NECESSARY CORRECTIVE ACTION.
- REFER TO CIVIL DRAWINGS AND DETAILS FOR INFORMATION AND SITE GRADING/UTILITY COORDINATION.
- ALL PLANT MATERIAL TO MEET THE STANDARDS ESTABLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION SPECIFICALLY THE AMERICAN STANDARD FOR NURSERY STOCK ANSI-Z60.1-2004.

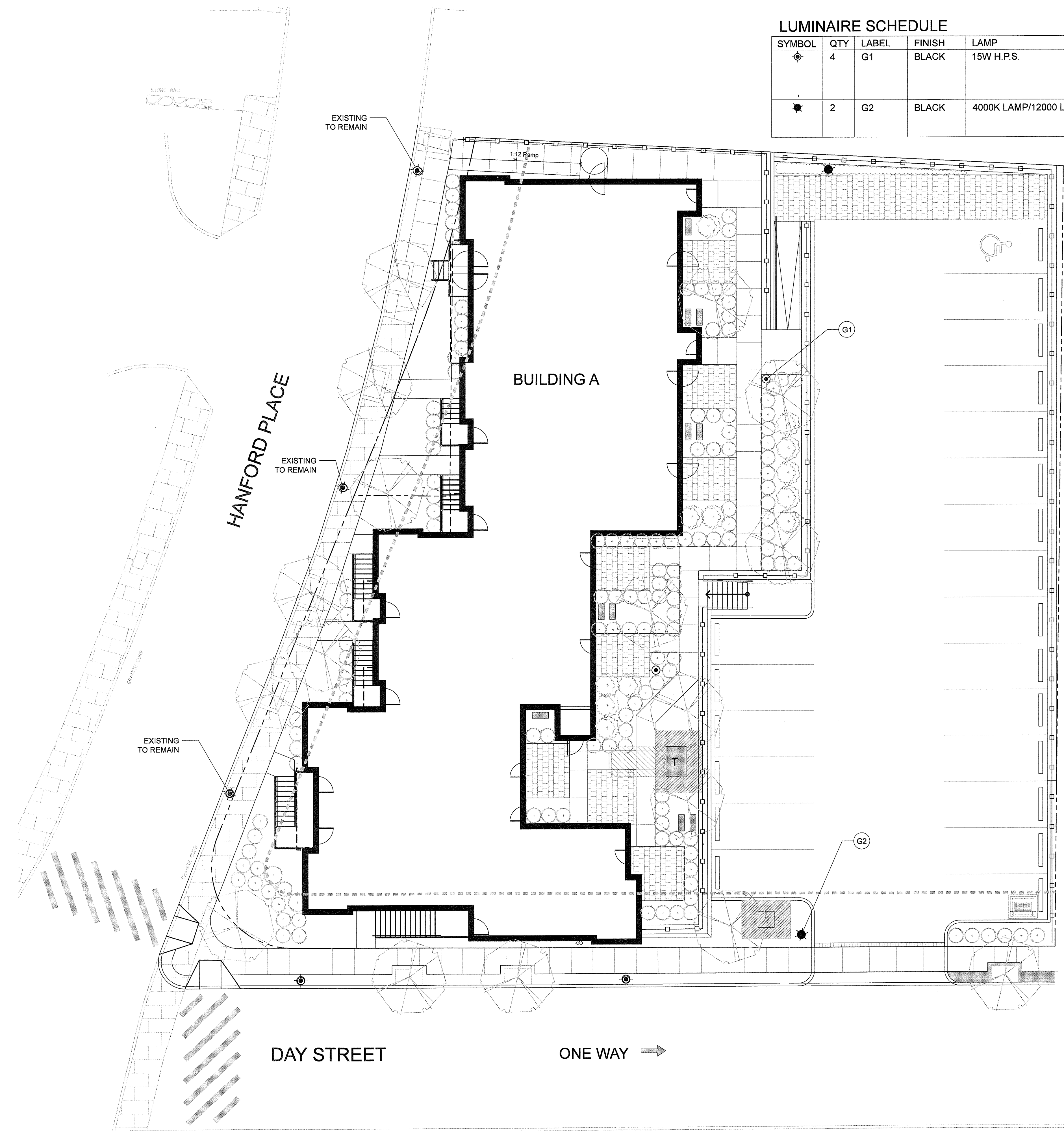


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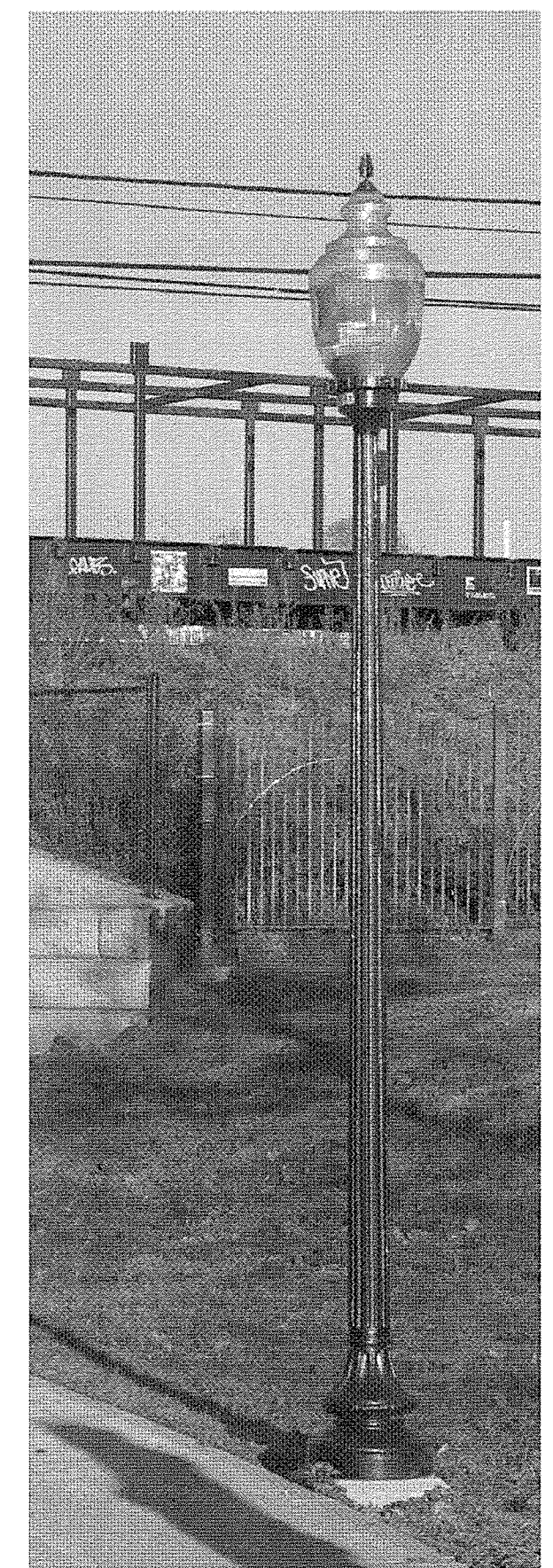


LUMINAIRE SCHEDULE

| SYMBOL | QTY | LABEL | FINISH | LAMP | LLF | DESCRIPTION | HEIGHT |
|--------|-----|-------|--------|-------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| ⊙ | 4 | G1 | BLACK | 15W H.P.S. | 0.7270 | PRODUCT: WSH - PF83. MODEL 424 TYPE III. POST: WASHINGTON PEDESTRIAN - 12'. SUPPLIED BY: SPRING CITY ELECTRICAL. CONTACT: PAUL MELLOR 701.245.0044 TO INCLUDE OUTSIDE SHIELD | 14' 11" |
| ★ | 2 | G2 | BLACK | 4000K LAMP/12000 LUMENS | 0.800 | PRODUCT: THE ARCHETYPE MODEL: 1SA-SAR4-150MH120-BL MADE BY: KIM LIGHTING. CONTACT: CLIFF GILBERT 203.788.0814 TO INCLUDE OUTSIDE SHIELD | 12' |

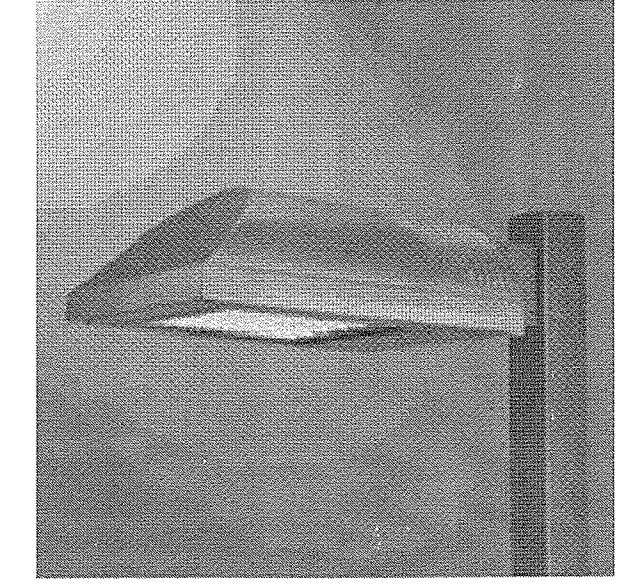


G1



OVERALL HEIGHT: 14' 11"

G2



OVERALL HEIGHT: 12'

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Phase 1

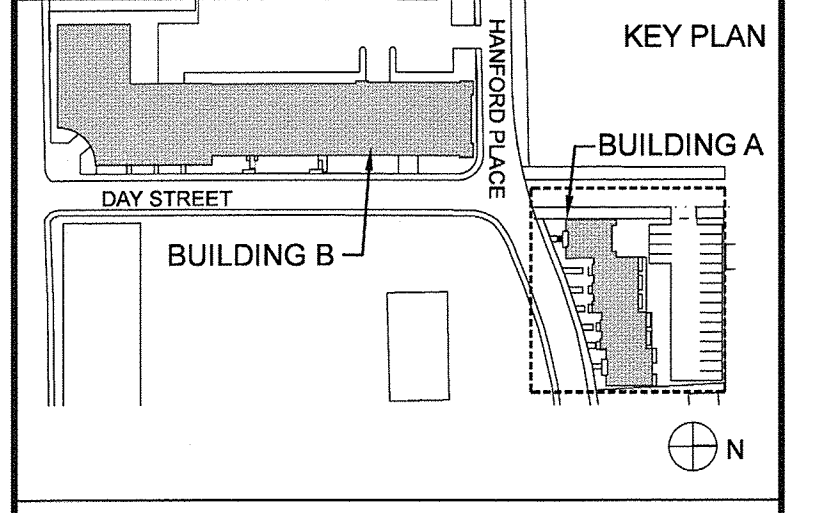
13 Day Street
Building A

Norwalk, CT
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STAMP



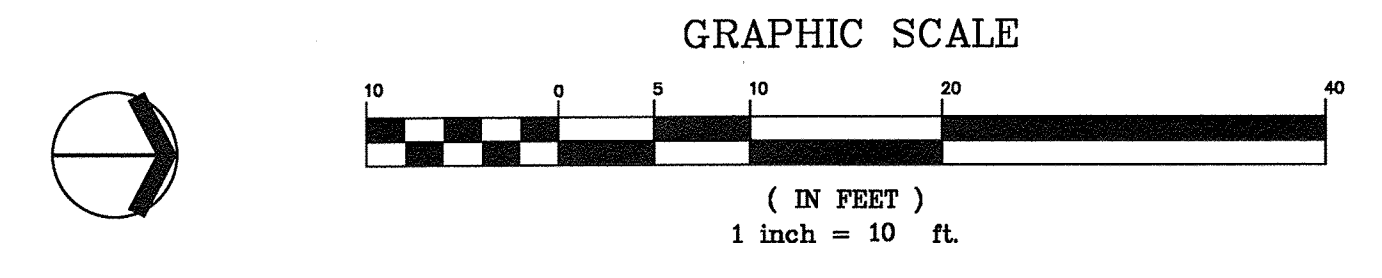
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| 1 | 09.19.2013 | CAM/SPECIAL PERMIT |

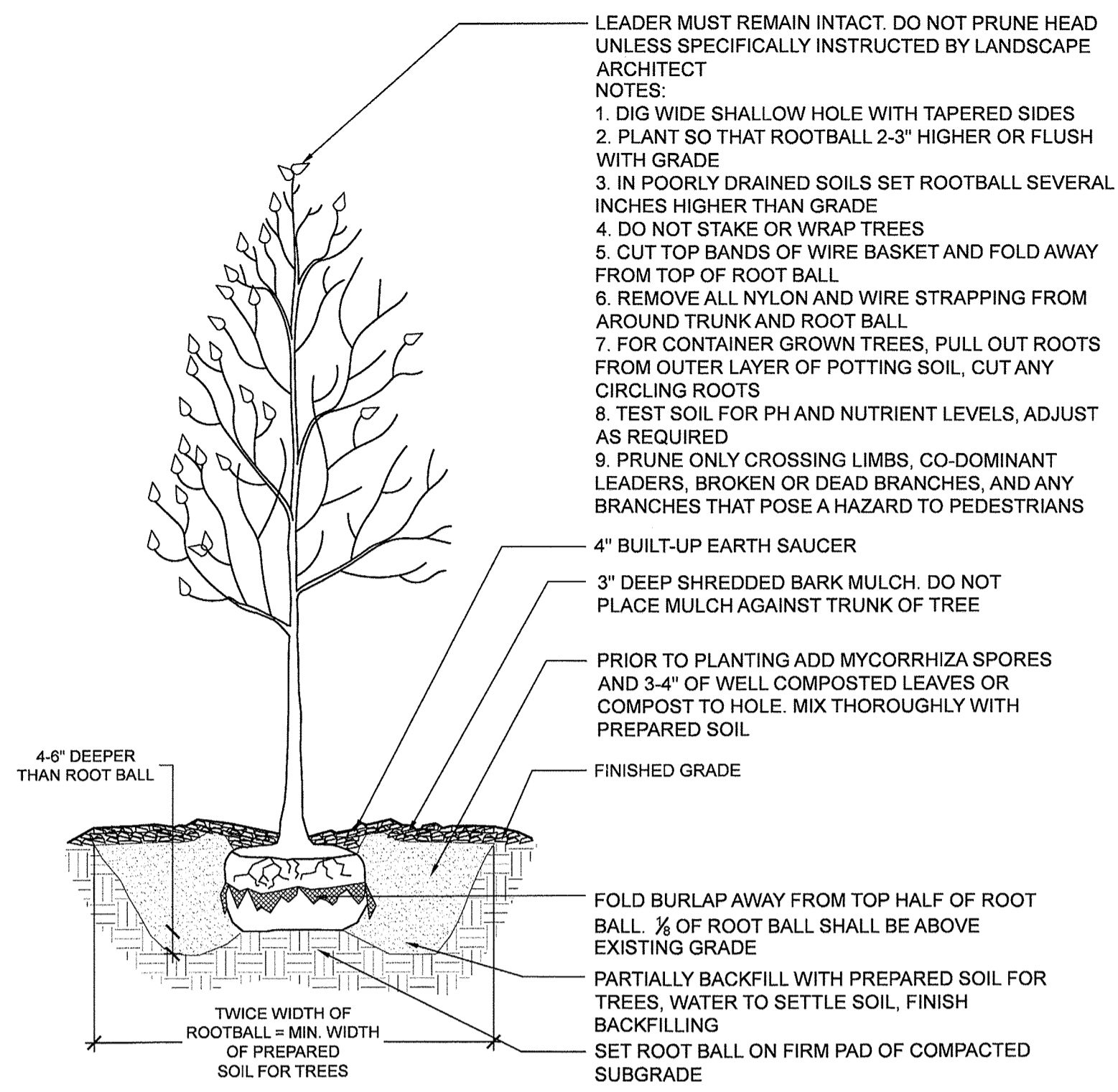
PROJECT NO.: 21222
DRAWN BY:
CHECKED BY:

SHEET TITLE
LIGHTING PLAN

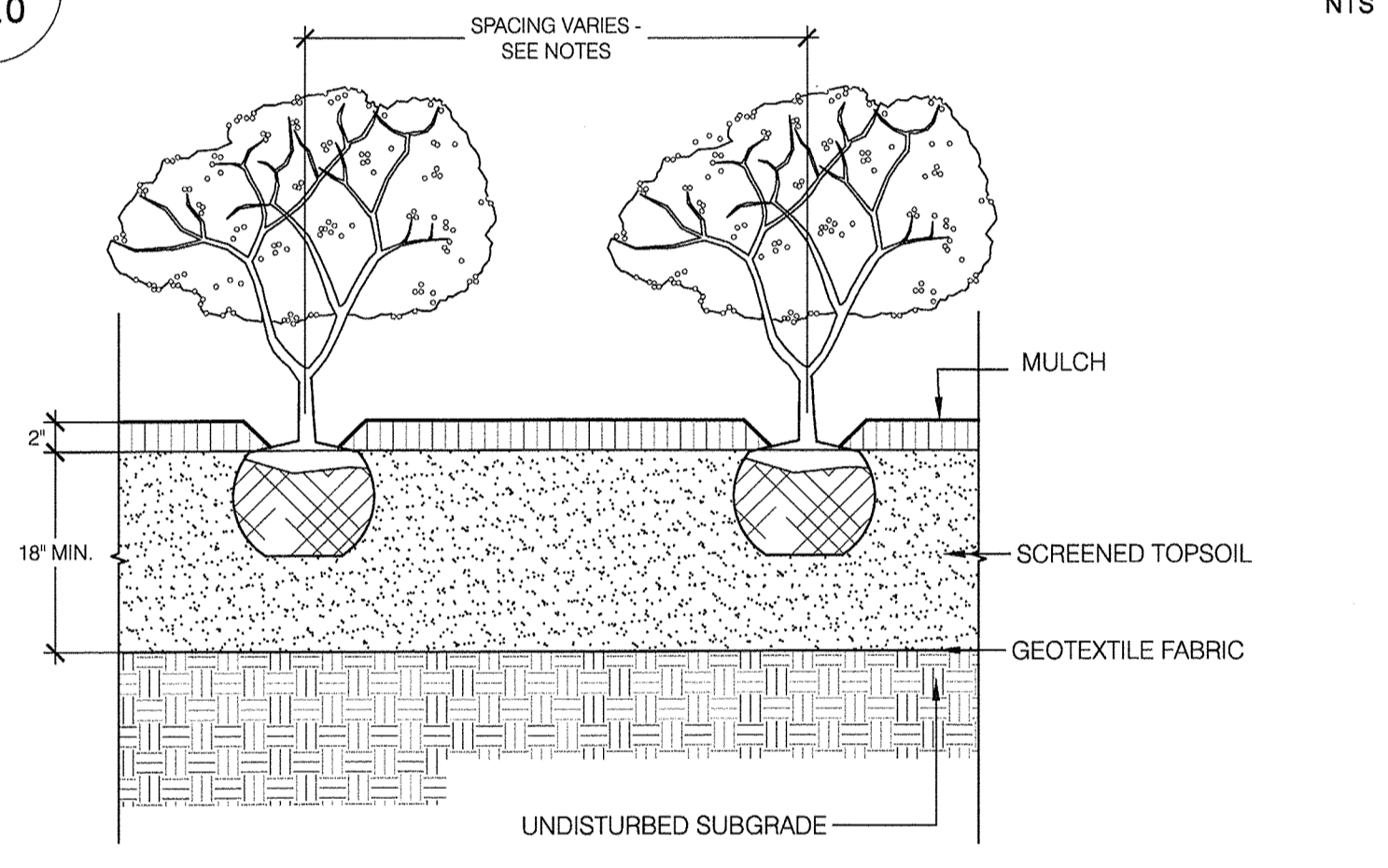
L-4.0

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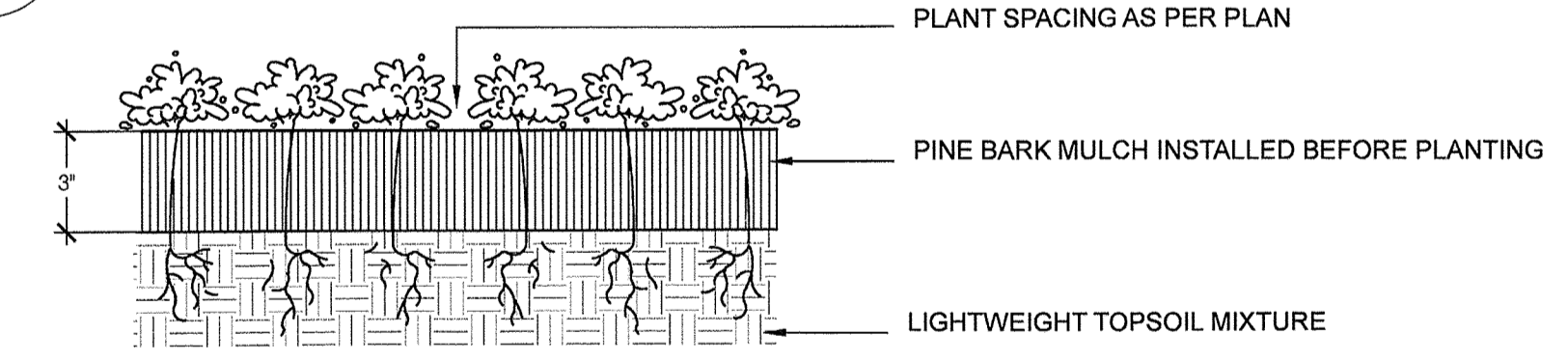




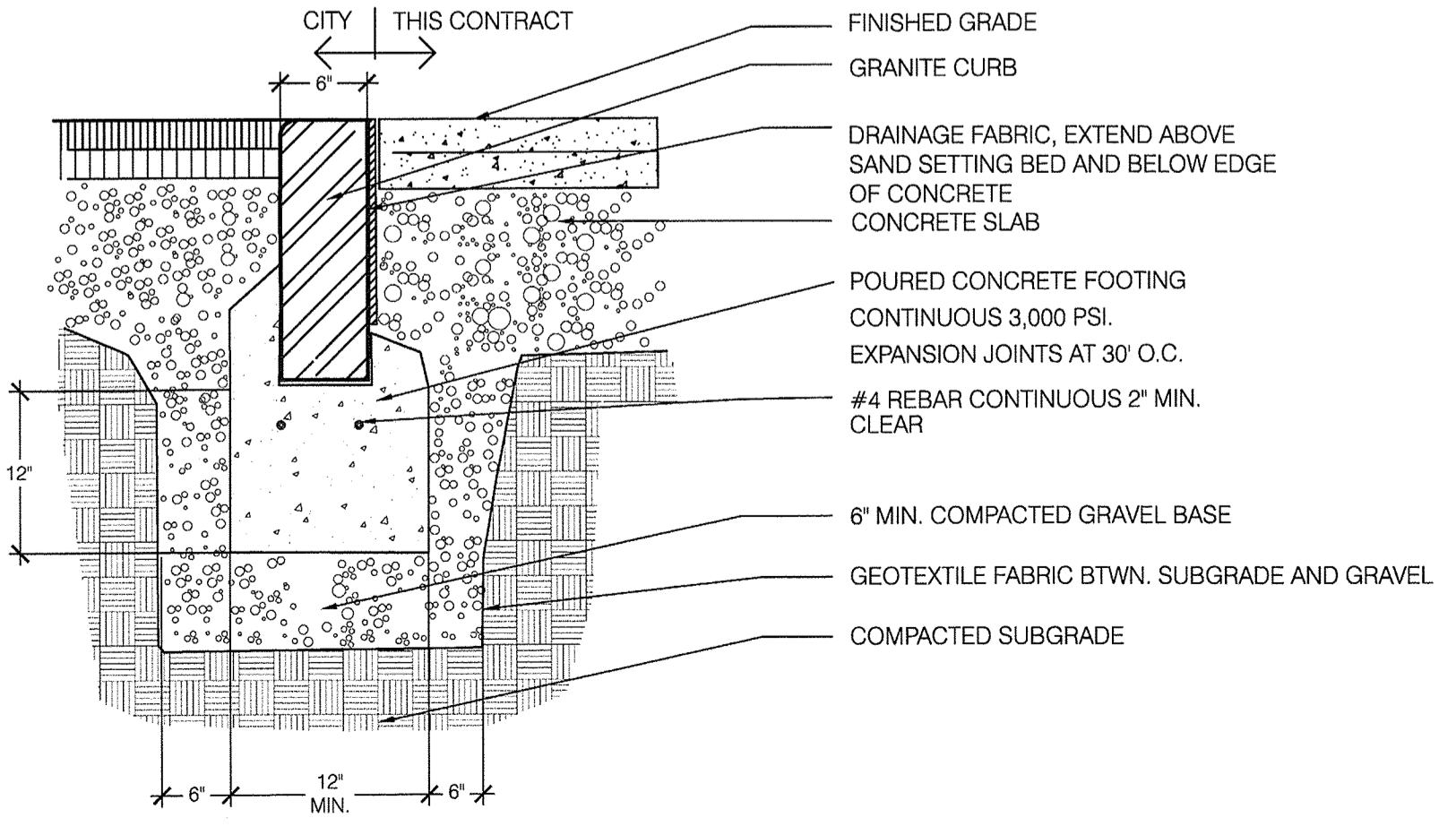
1 TYPICAL TREE PLANTING
L-5.0 NTS



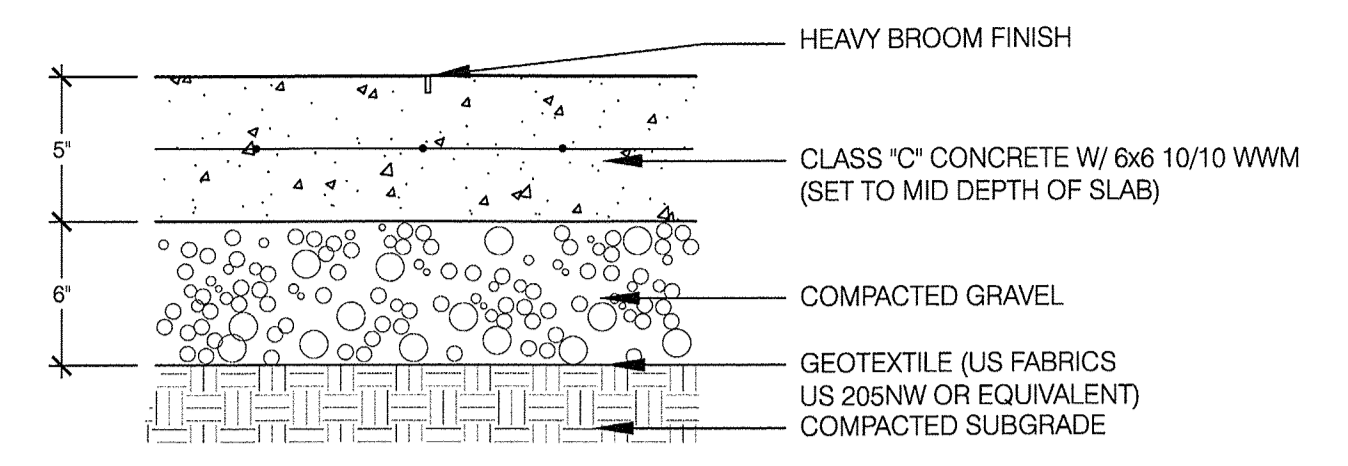
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L-5.0 NTS



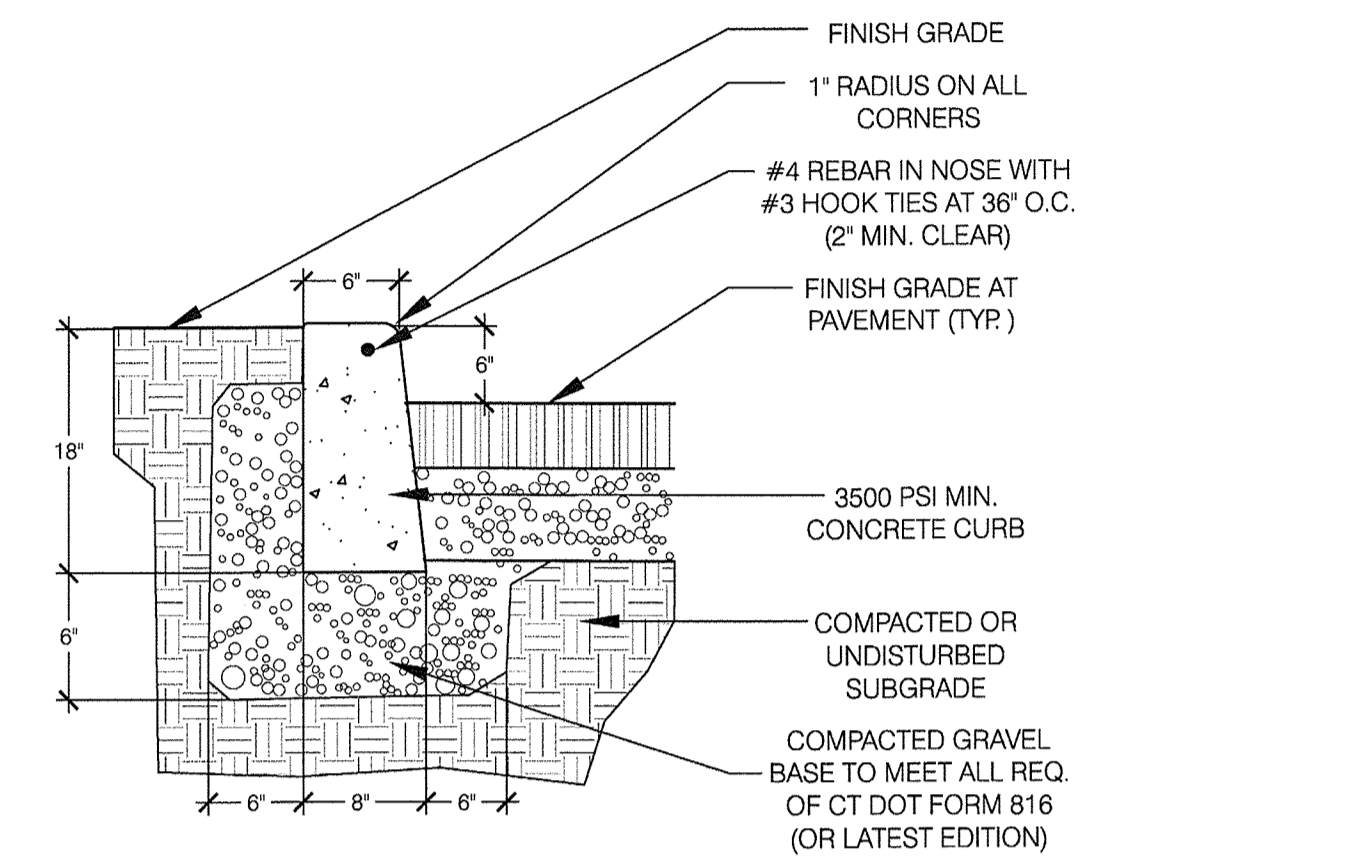
3 TYPICAL GROUNDCOVER PLANTING
L-5.0 NTS



4 FLUSH GRANITE CURB
L-5.0 NTS

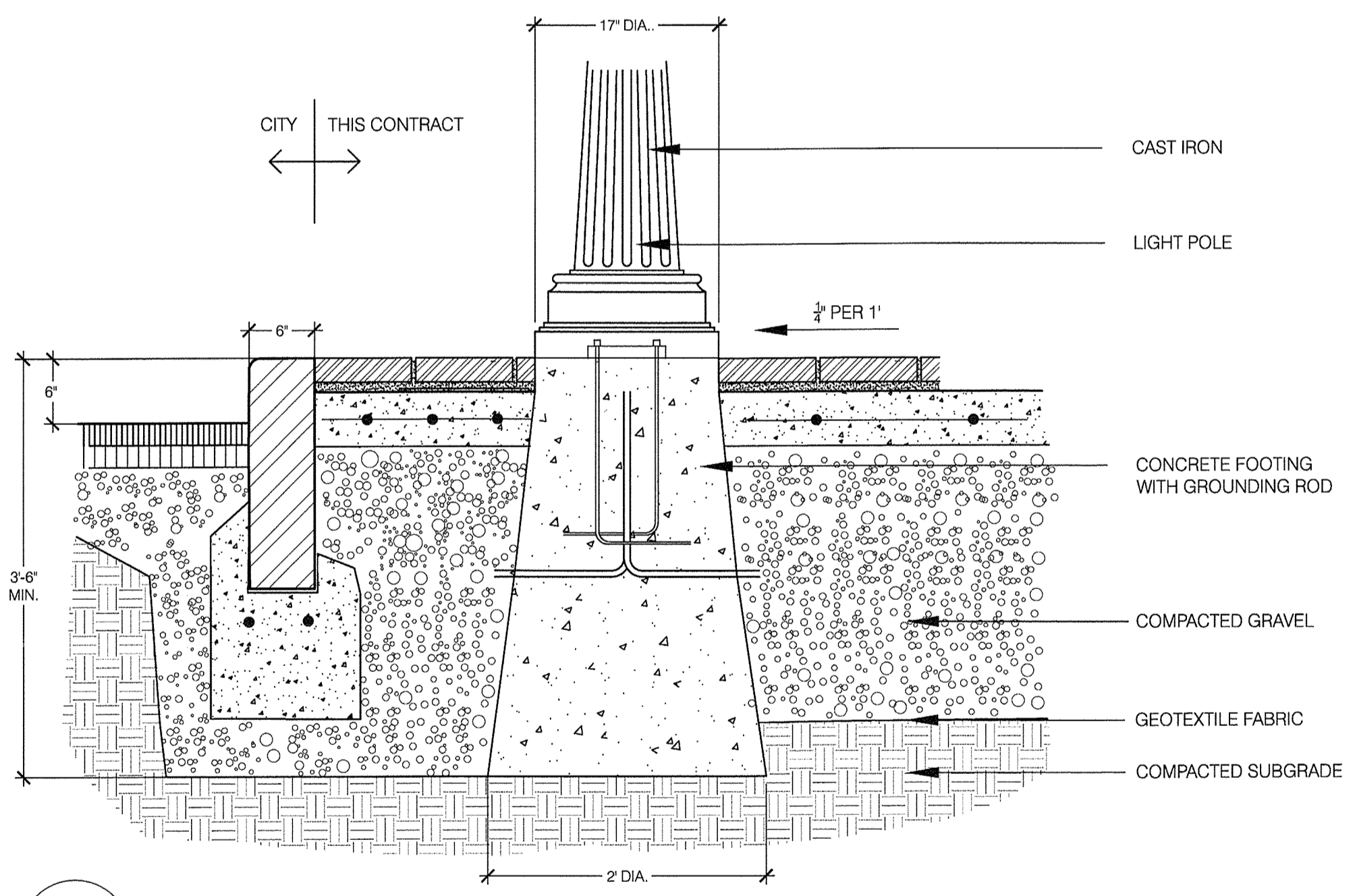


4 CONCRETE
L-5.0 NTS

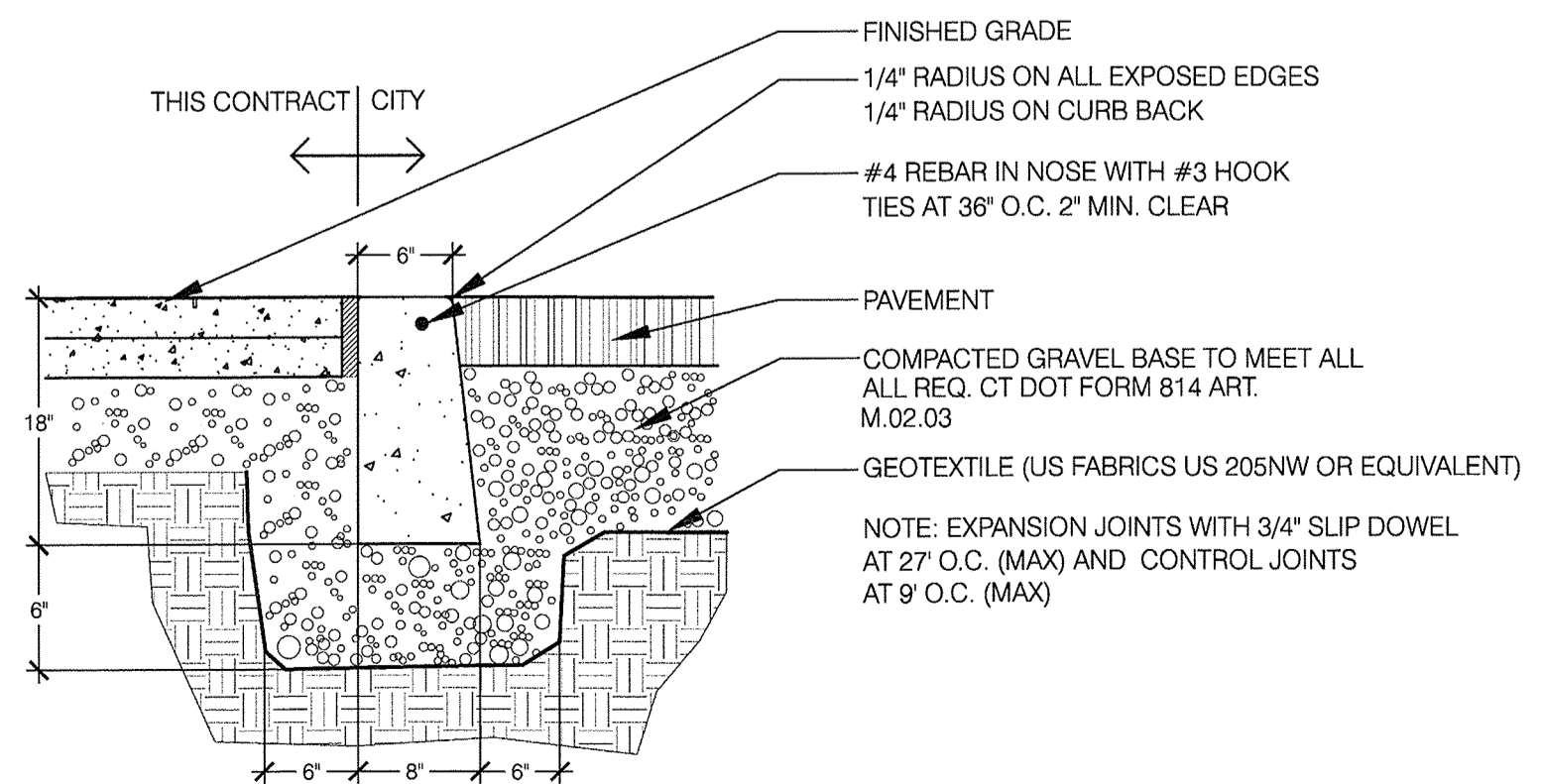


5 CONCRETE CURB
L-5.0 NTS

NOTE: EXPANSION JOINTS WITH 3/4" SLIP DOWEL AT 27' O.C. (MAX) AND CONTROL JOINTS AT 9' O.C. (MAX)



6 LIGHT POLE BASE IN CONCRETE
L-5.0 NTS



7 FLUSH CONCRETE CURB
L-5.0 NTS

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13 Day Street
Building A

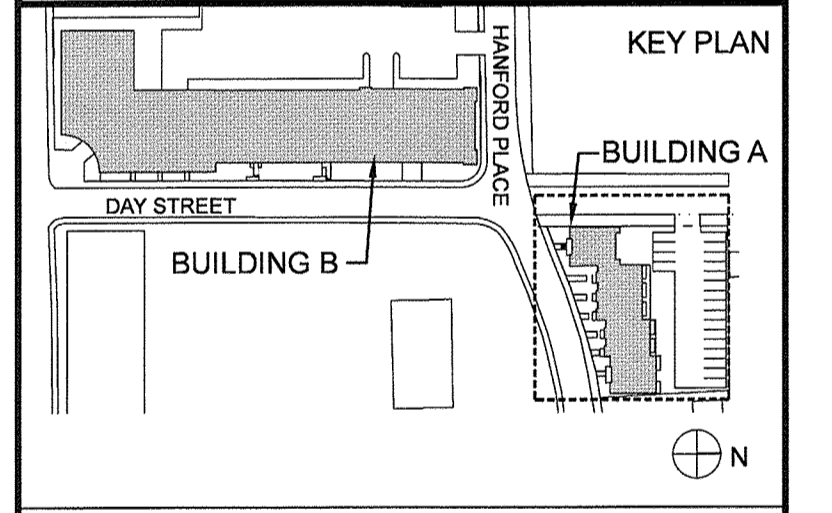
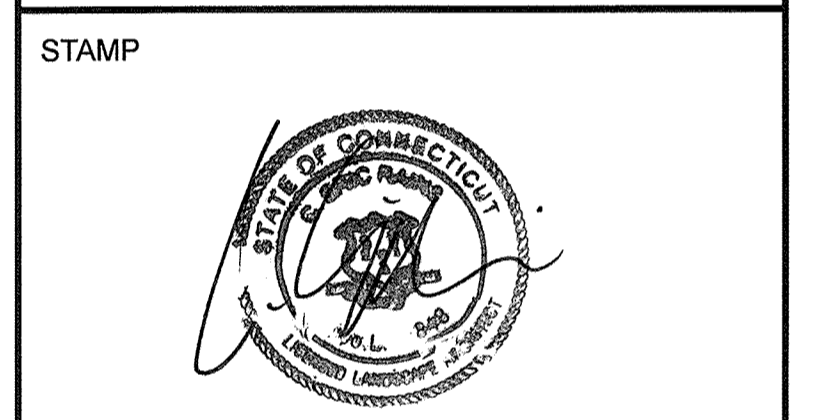
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SHEET TITLE
 DETAILS

L-5.0

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Phase 1

13 Day Street
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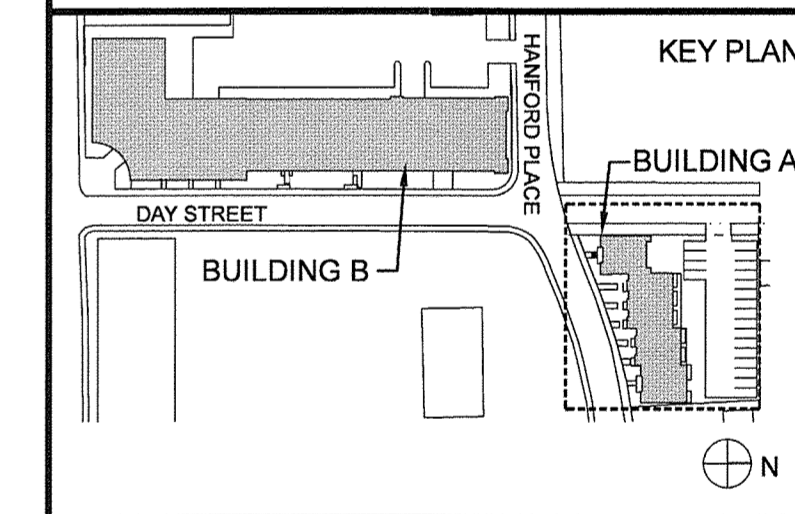
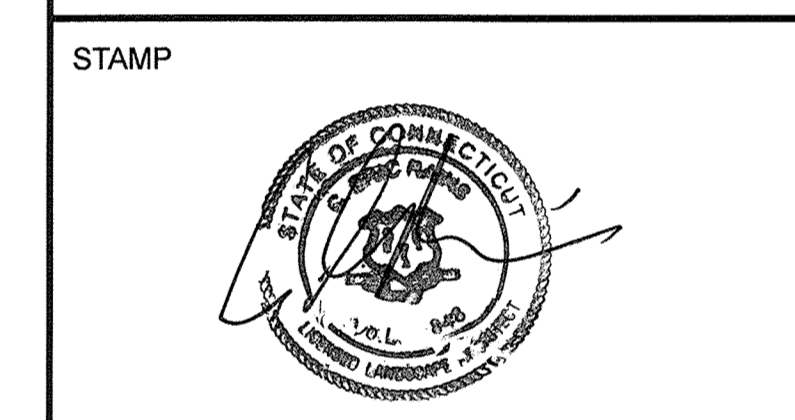
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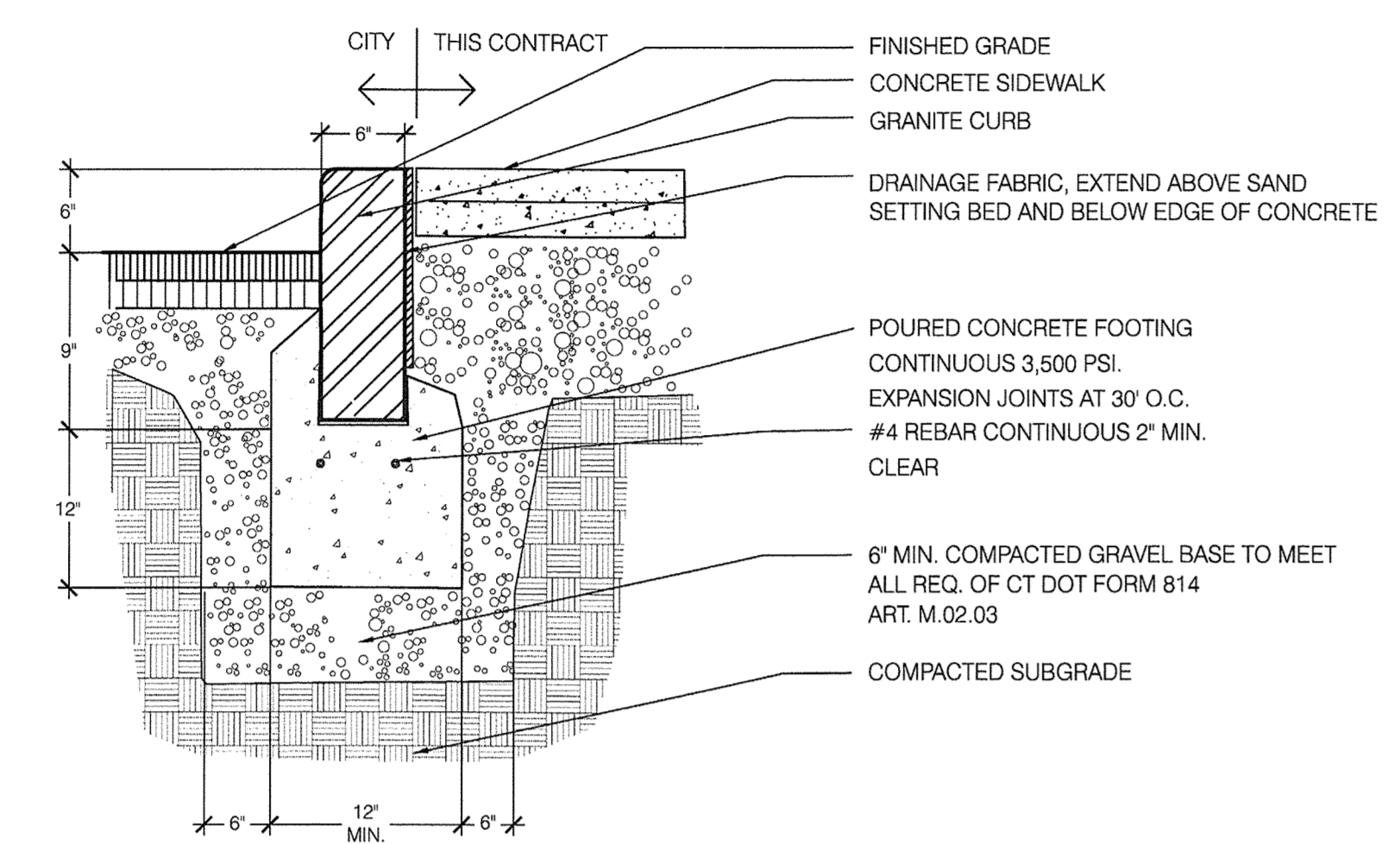
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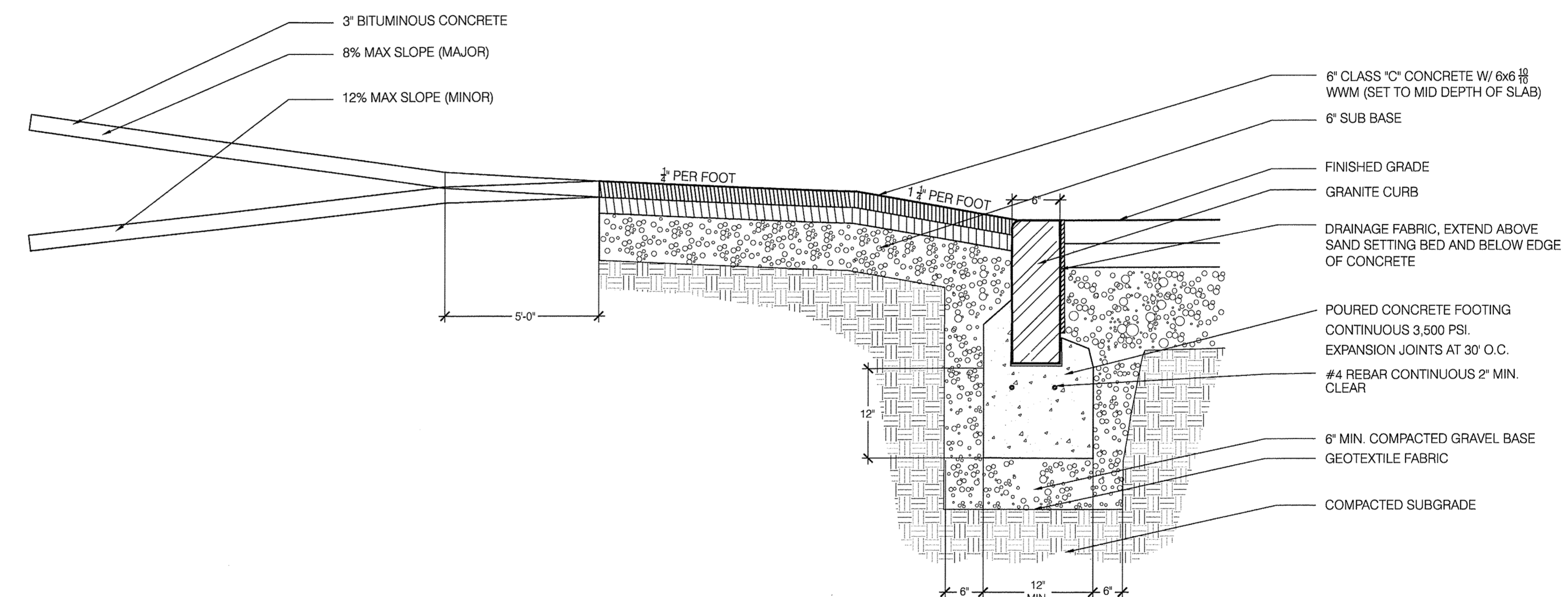
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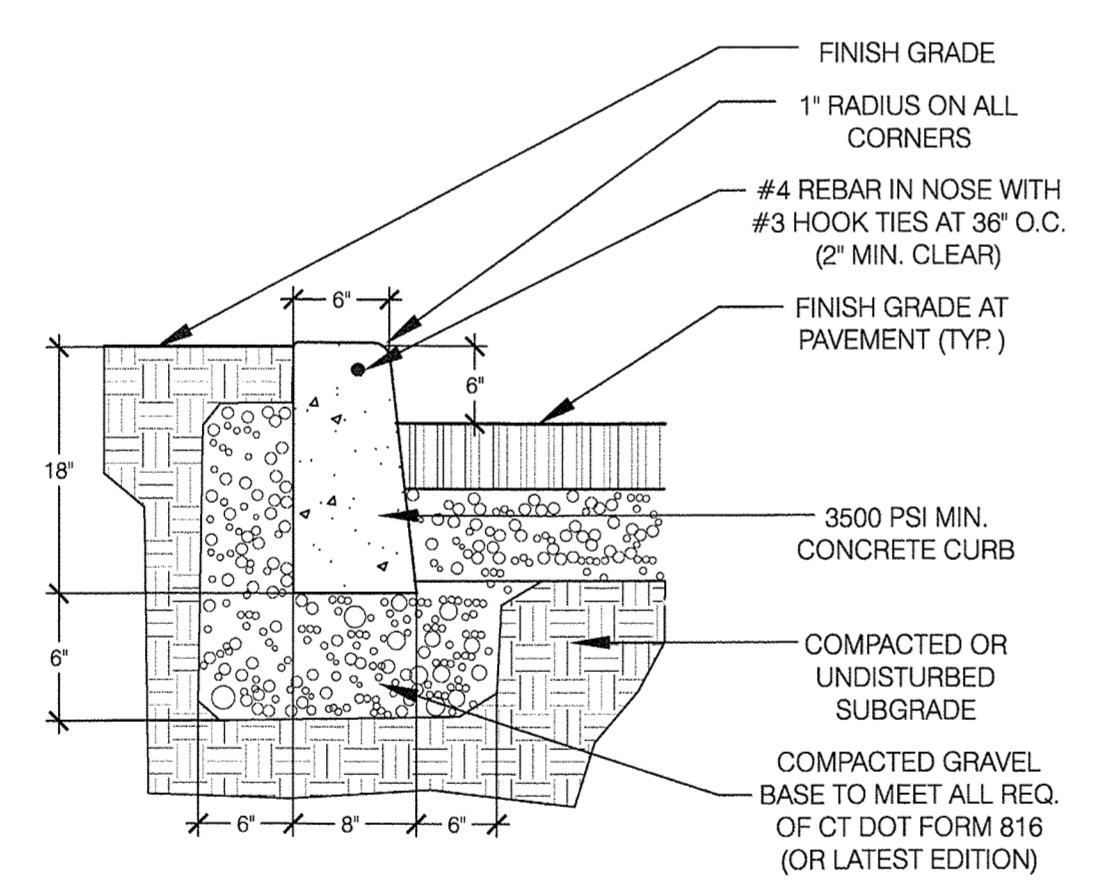
L-5.1



1
L-5.1 GRANITE CURB NTS



3
L-5.1 CONCRETE DRIVEWAY RAMP WITH GRANITE CURB NTS



2
L-5.1 CONCRETE CURB NTS

NOTE: EXPANSION JOINTS WITH 3/4\"/>

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Phase 1

13 Day Street
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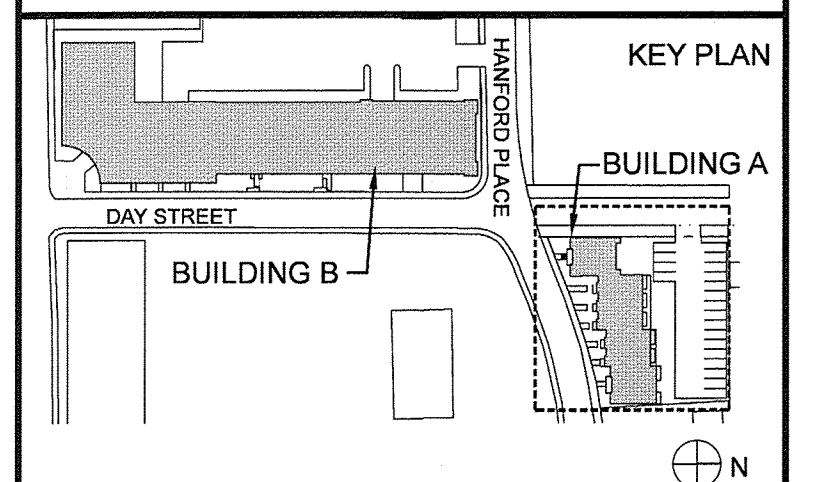
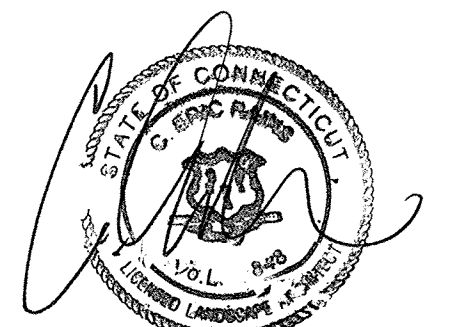


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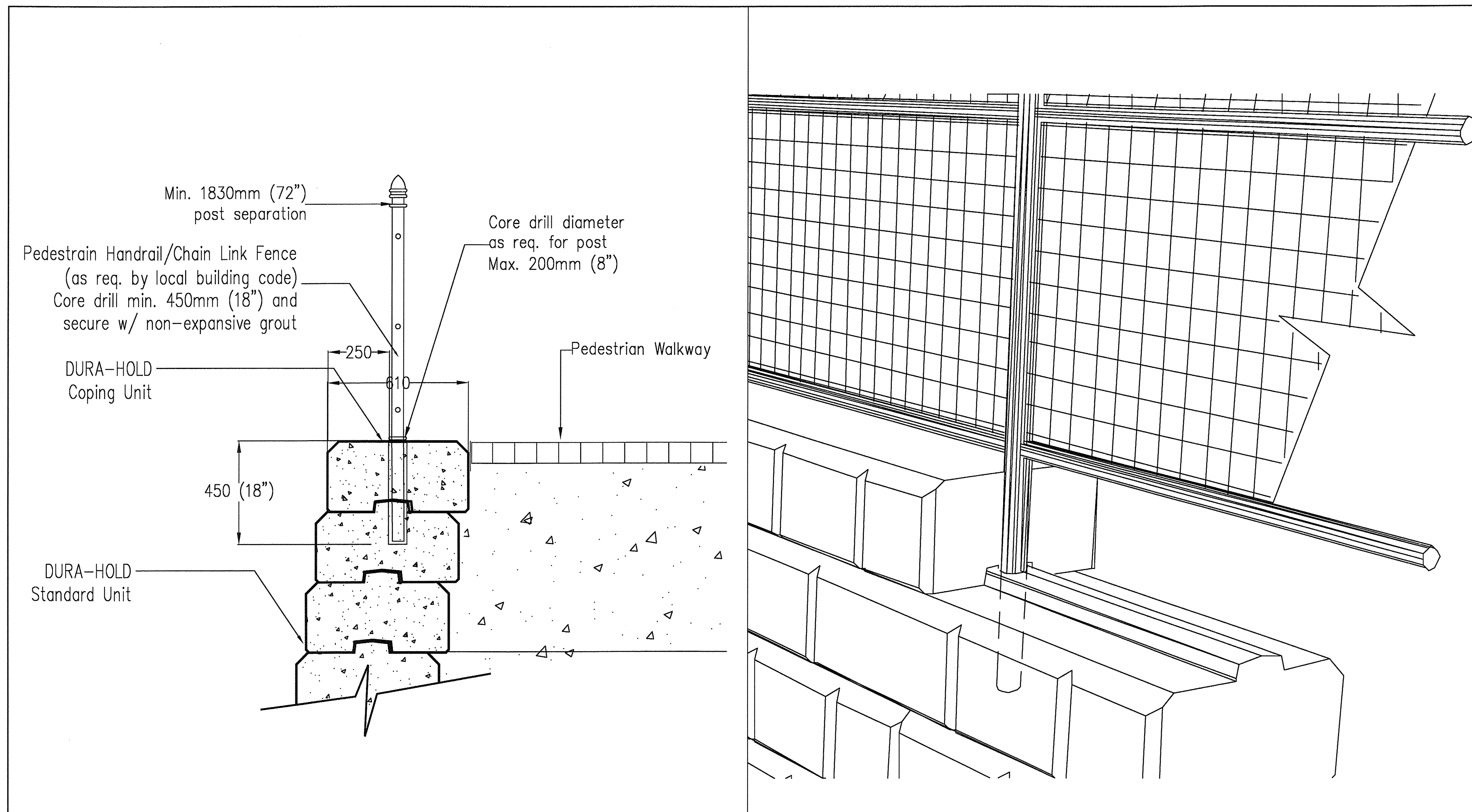
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DETAILS

L-5.2



UNILOCK® DURA-HOLD®
PEDESTRIAN HANDRAIL DETAIL

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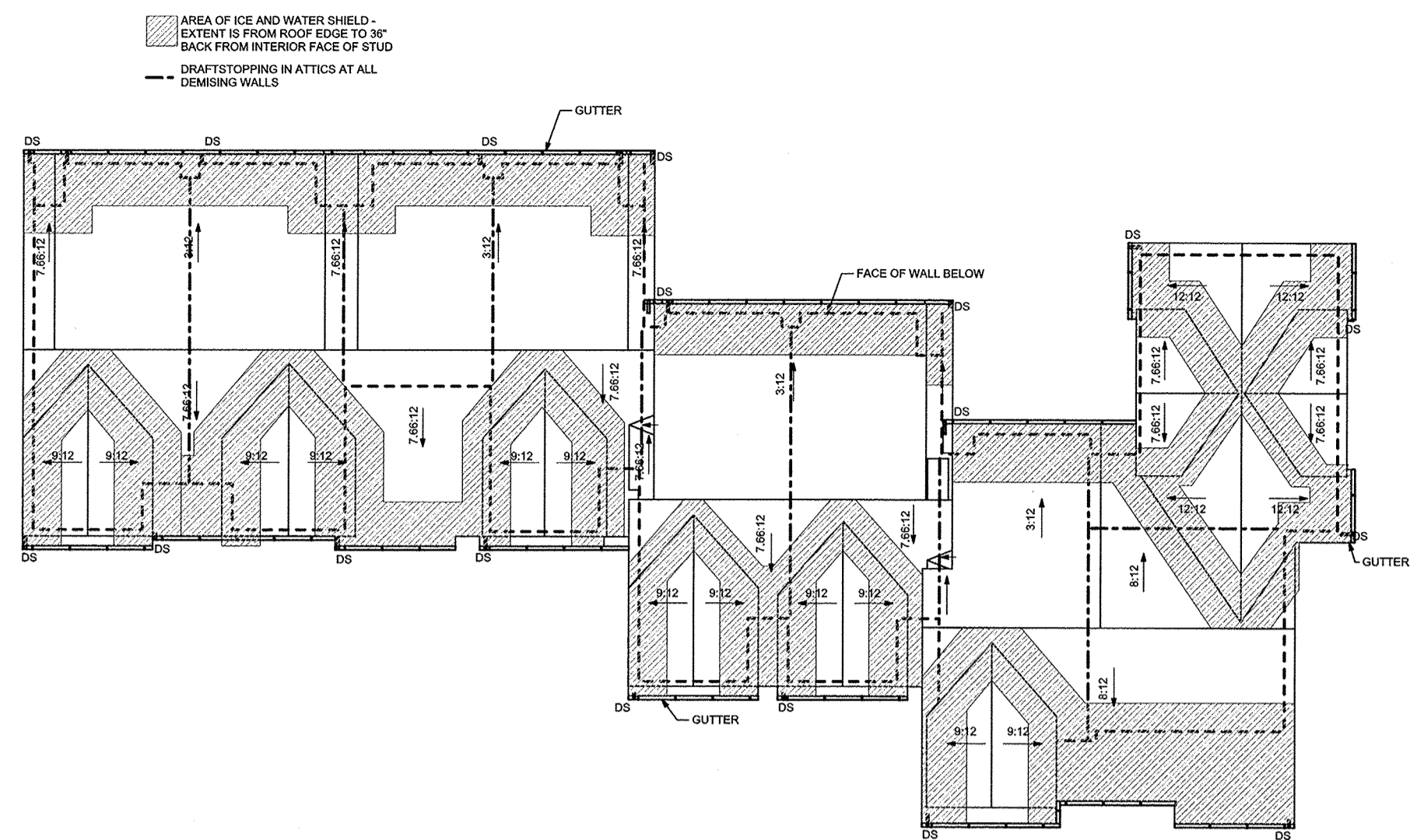
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L-5.2 UNILOCK WALL WITH FENCE

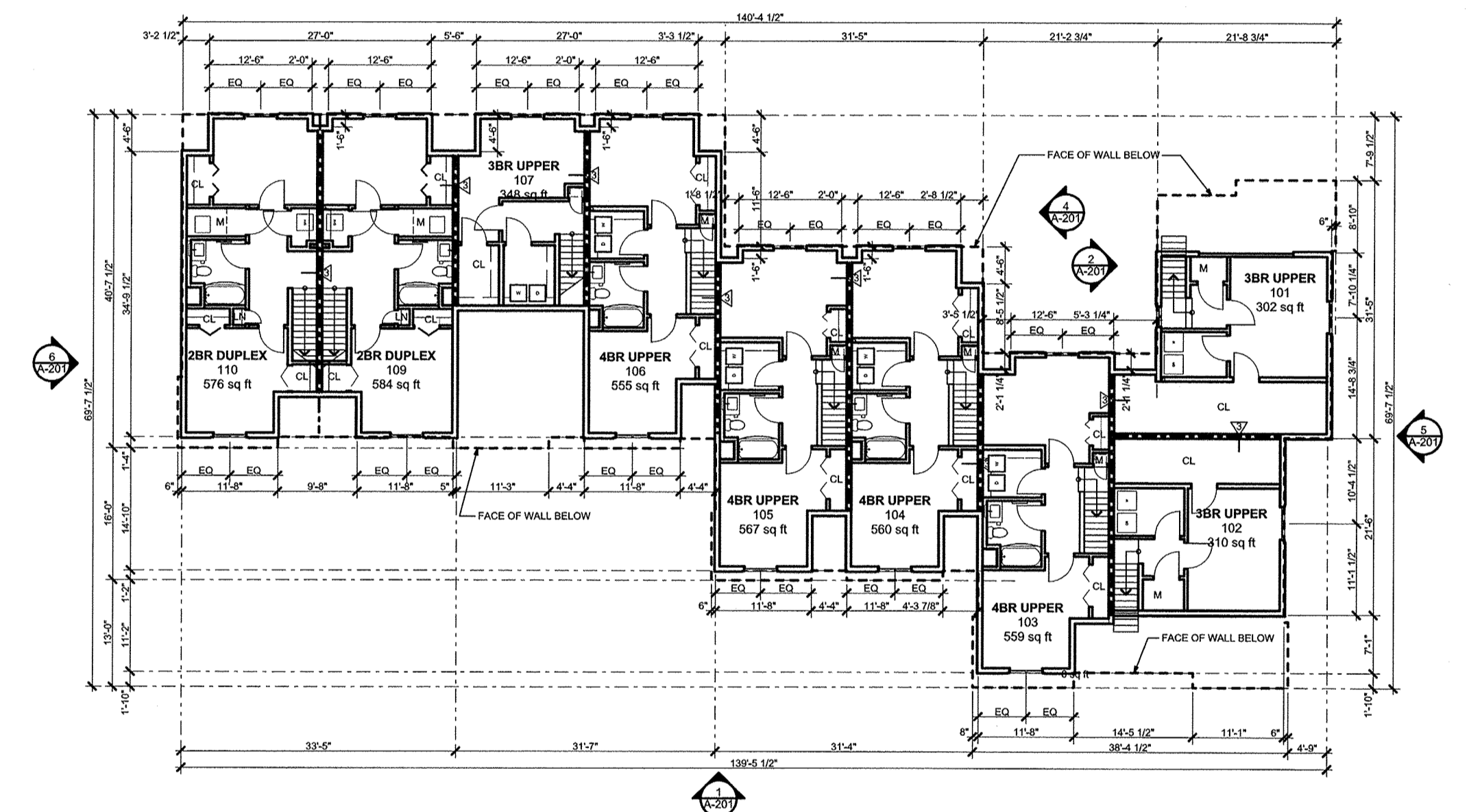
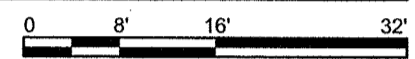
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NOTE: DETAIL PROVIDED BY DANIEL NEVIACKAS T UNILOCK.
PLEASE DIRECT ANY QUESTIONS TO UNILOCK

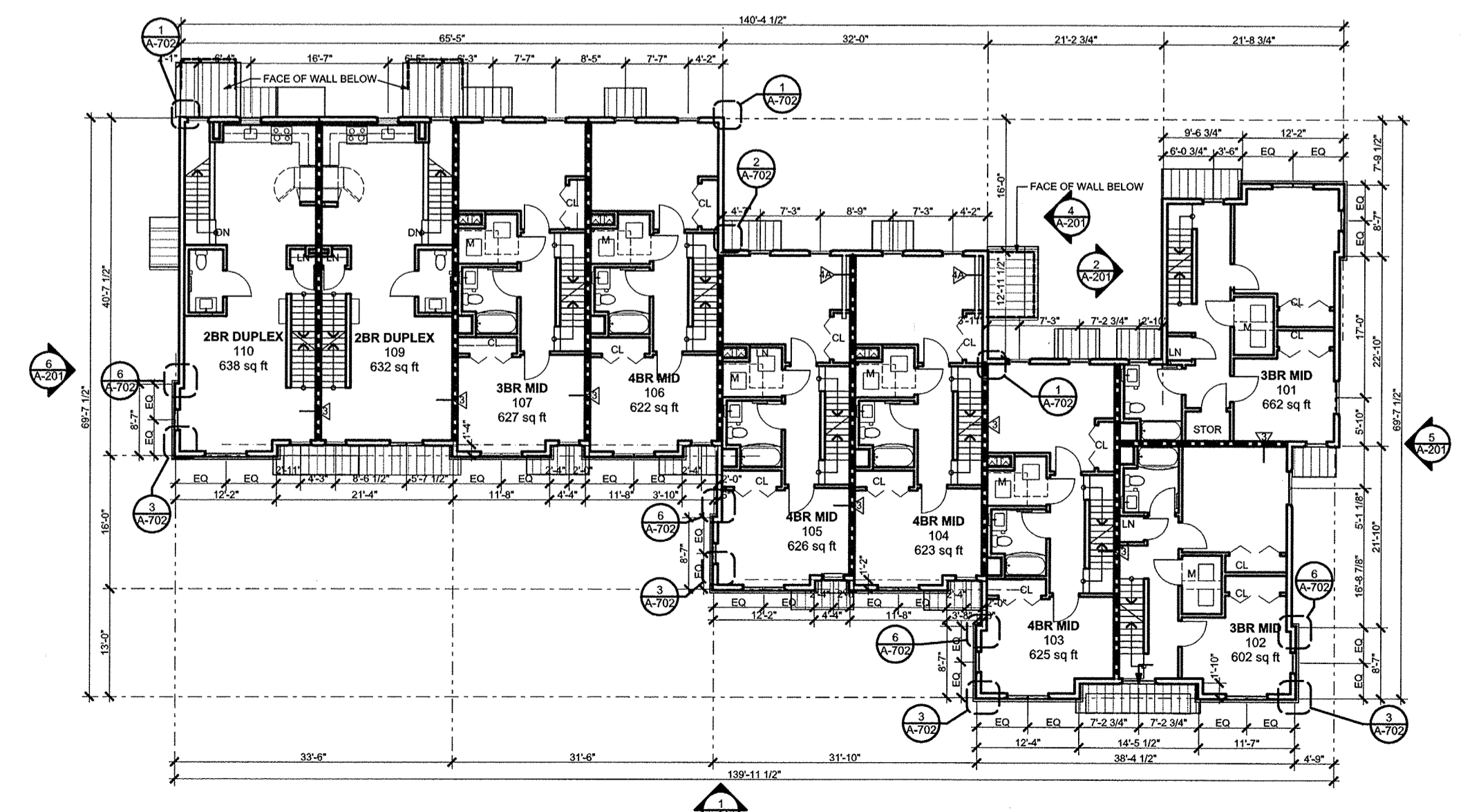
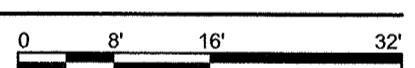
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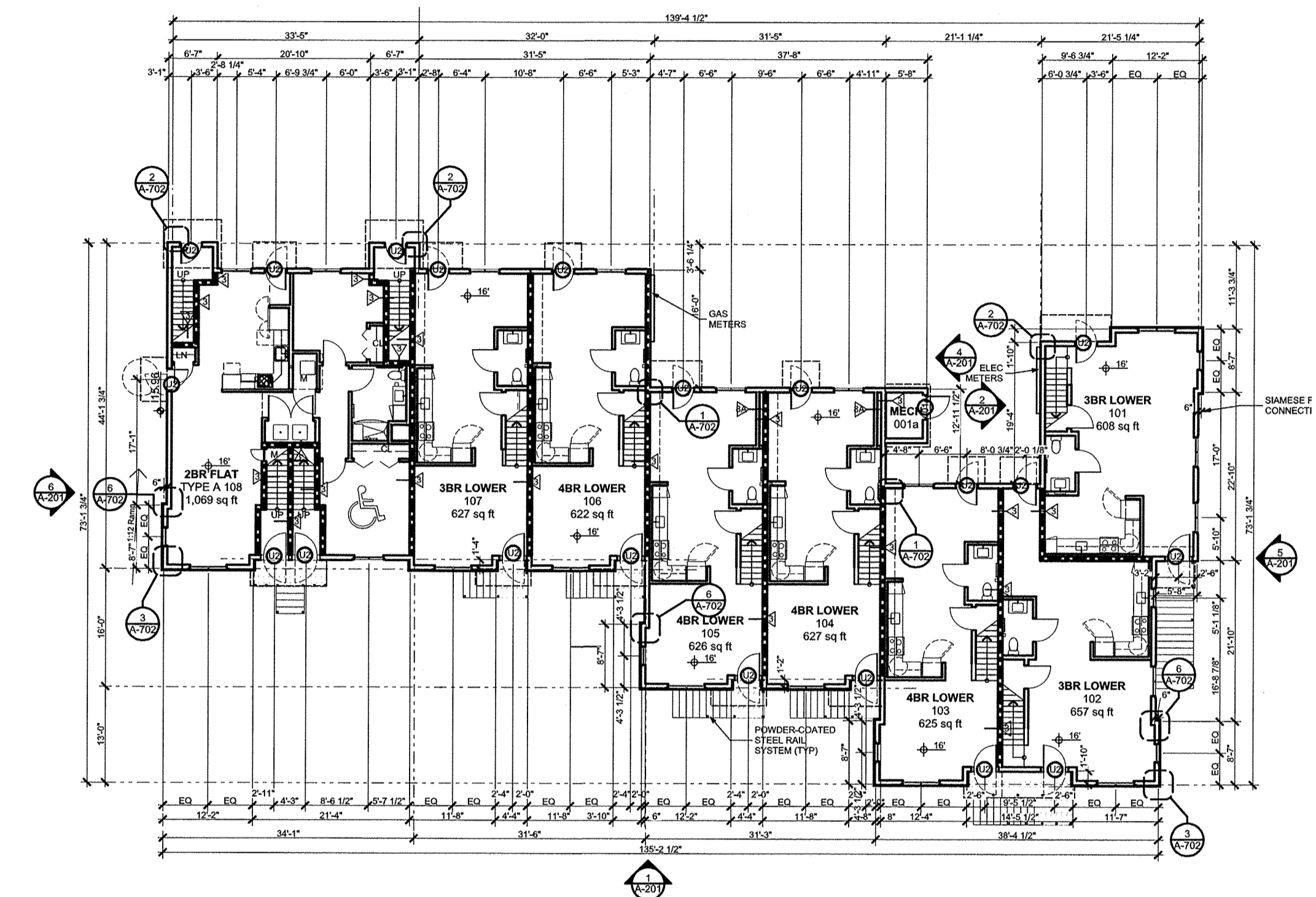
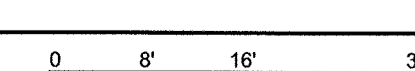
5 ROOF
 SCALE: 1/16" = 1'-0"



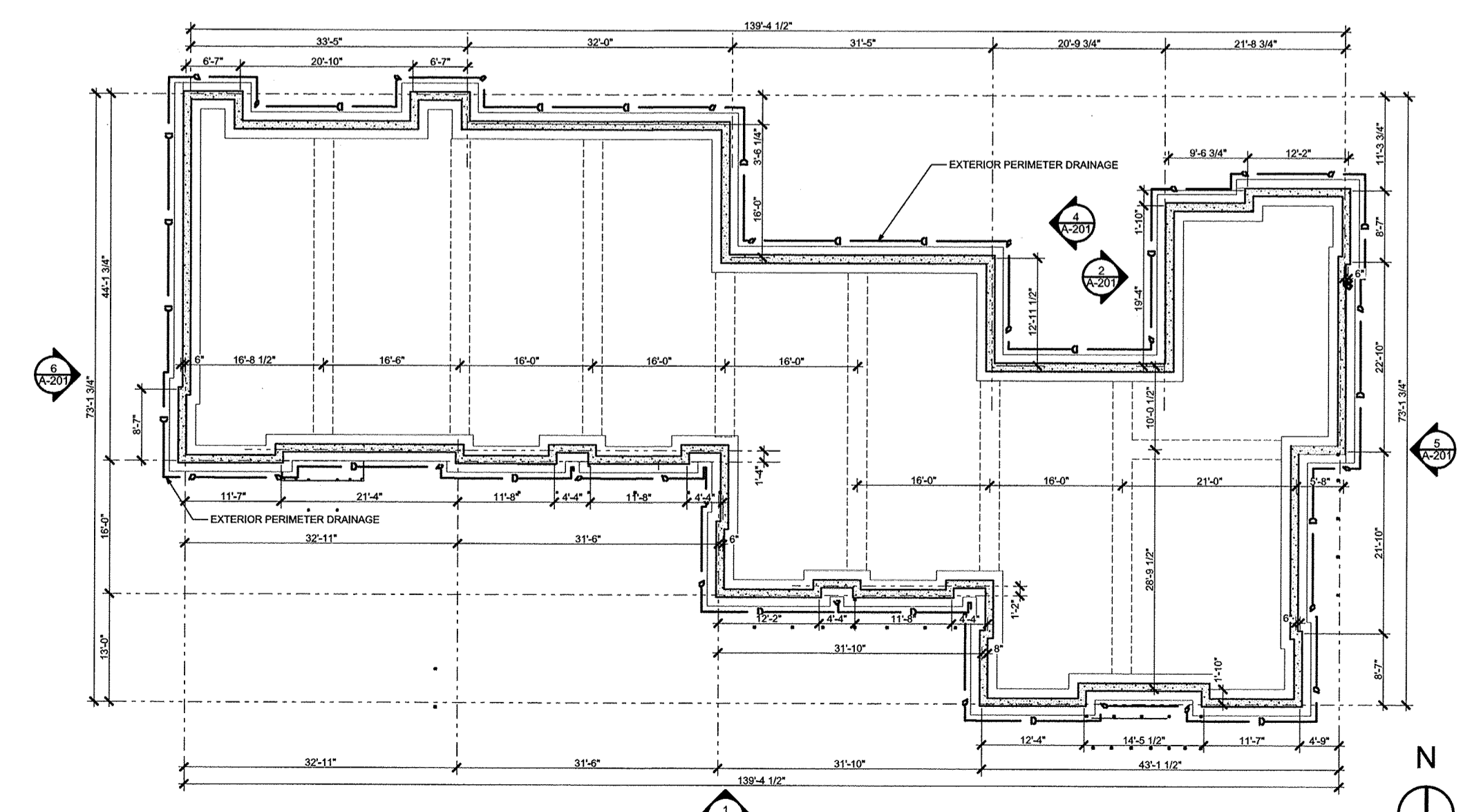
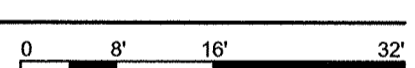
4 THIRD FLOOR
 SCALE: 1/16" = 1'-0"



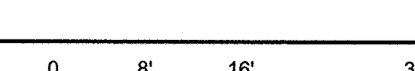
3 SECOND FLOOR
 SCALE: 1/16" = 1'-0"



2 FIRST FLOOR
 SCALE: 1/16" = 1'-0"



1 FOUNDATION
 SCALE: 1/16" = 1'-0"



Washington Village
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 CHECKED BY: KH

SHEET TITLE

BUILDING A FLOOR
 PLANS

A-101

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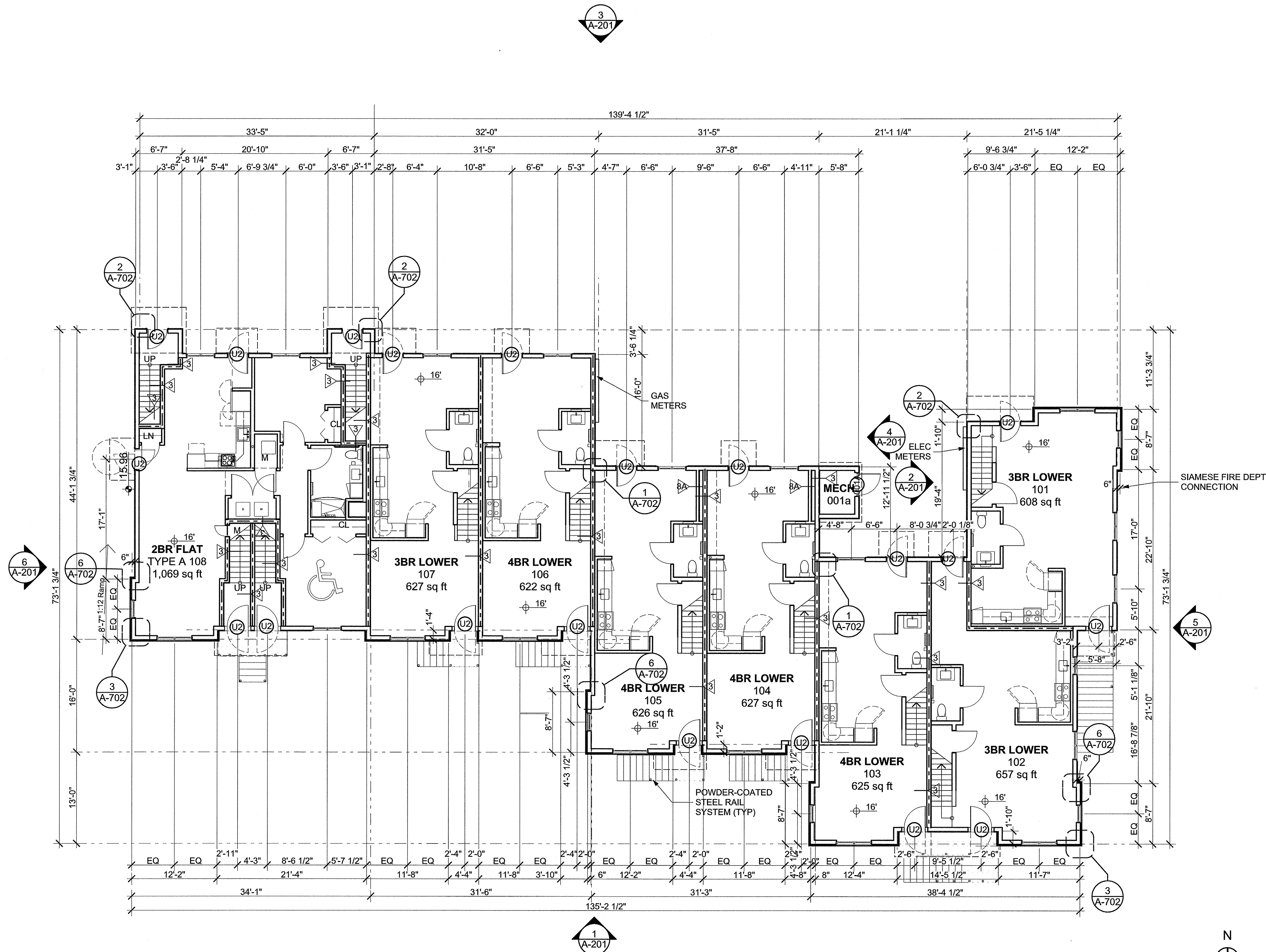
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DRAWN BY: JR, AF, GA, KH, SO
CHECKED BY: KH

SHEET TITLE

BUILDING A FIRST
FLOOR PLAN

A-102



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



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Norwalk, CT

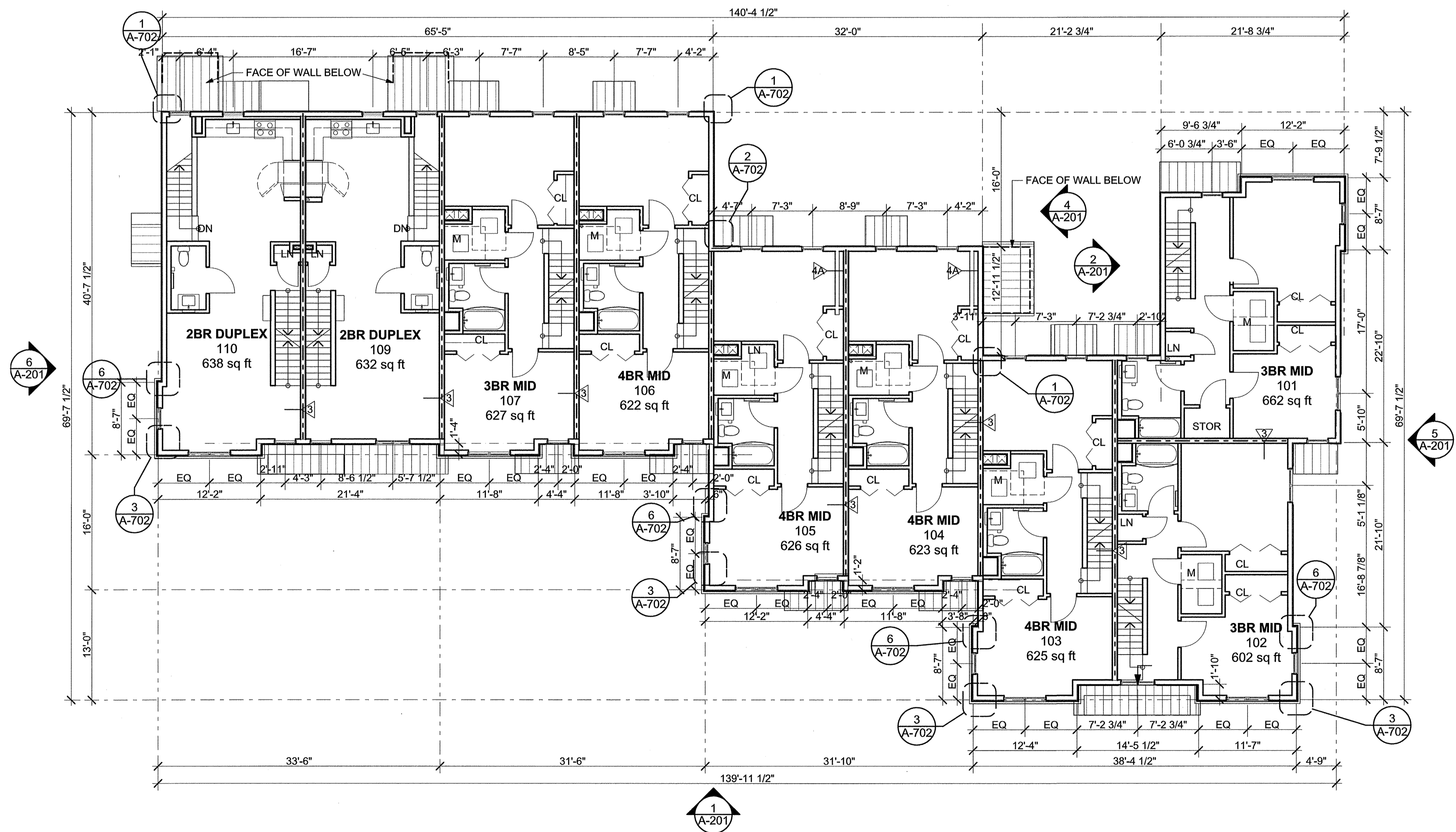
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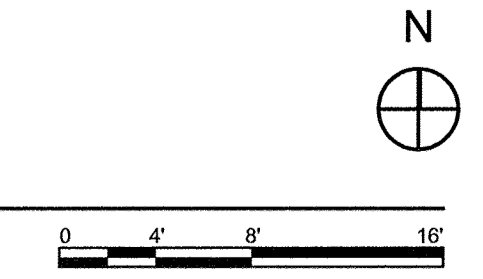
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1 SECOND FLOOR
SCALE: 1/8" = 1'-0"



| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
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| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: JR,AF,GA,KH,SO
CHECKED BY: KH

SHEET TITLE
BUILDING A SECOND FLOOR PLAN

A-103

8/14/2014 9:25 PM

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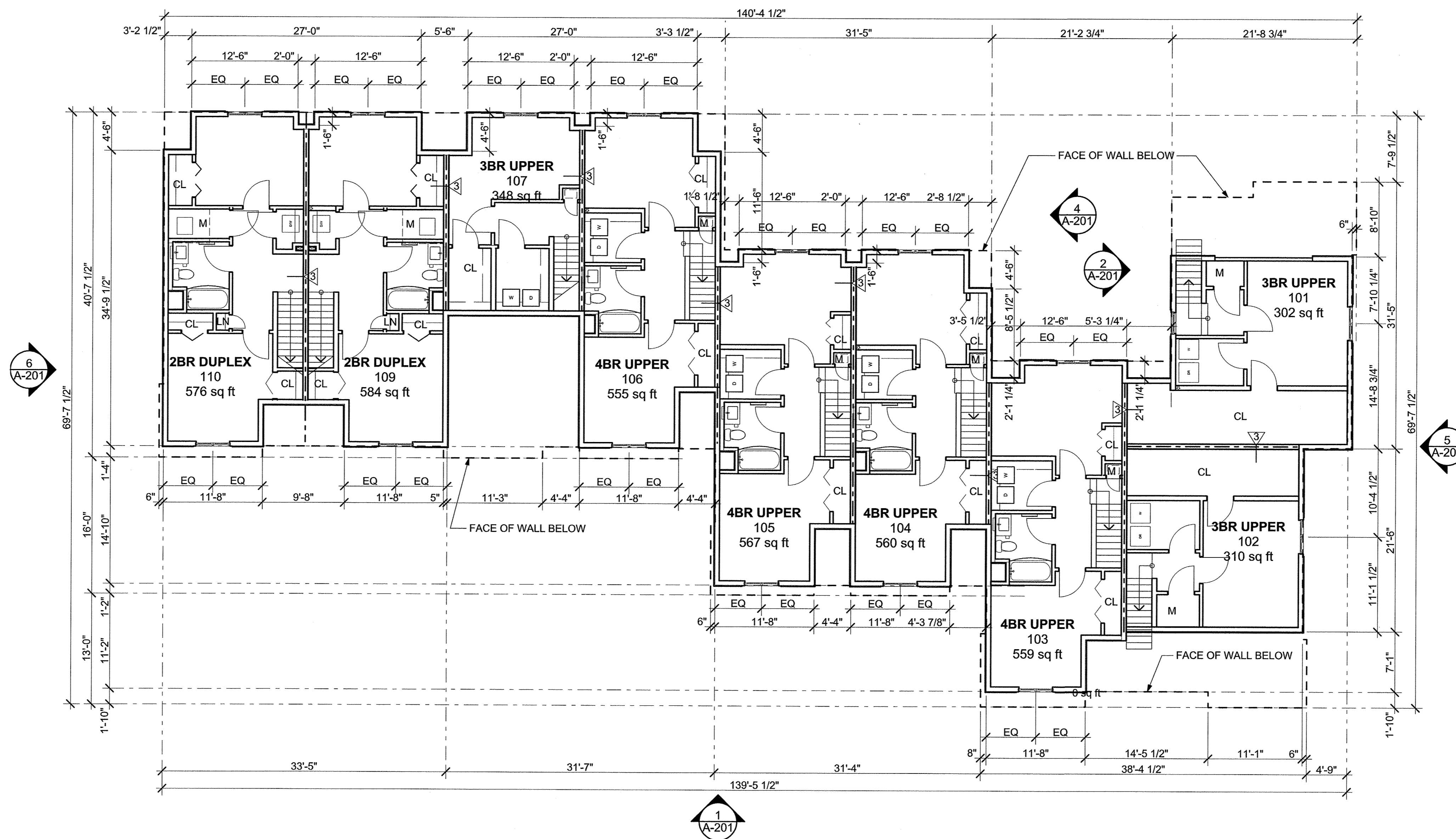
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PROJECT NO.: 21222
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CHECKED BY: KH

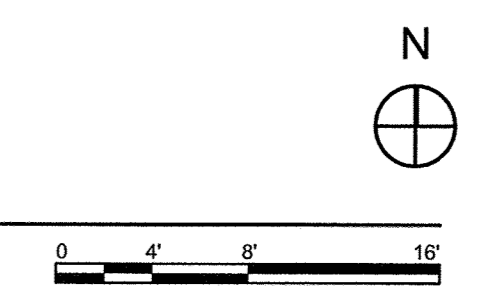
SHEET TITLE

BUILDING A THIRD
FLOOR PLAN

A-104



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



5/16/2014 3:25 PM

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

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| PROJECT NO.: 21222 | | |
| DRAWN BY: JR,AF,GA,KH,SO | | |
| CHECKED BY: KH | | |

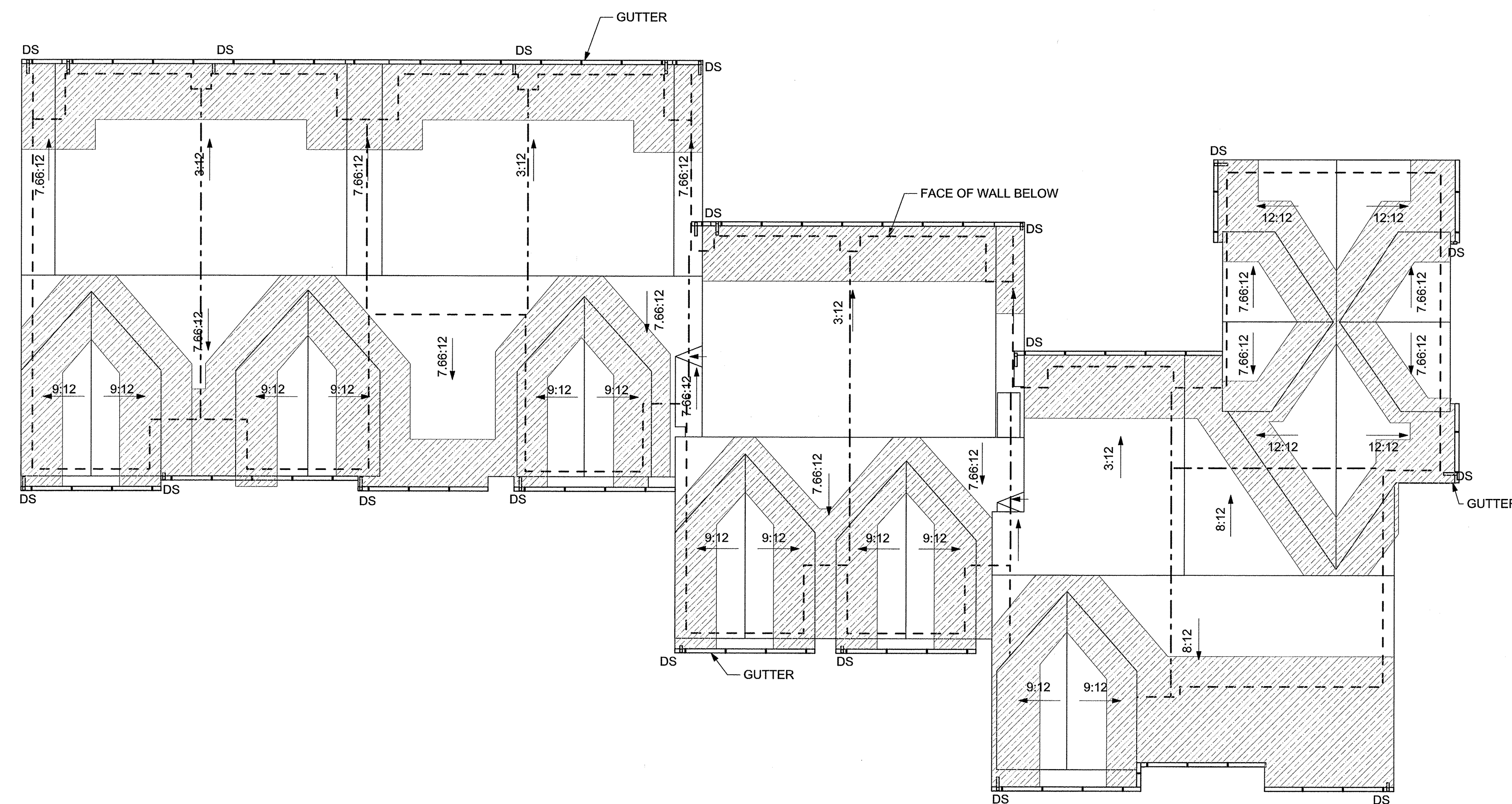
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BUILDING A ROOF
PLAN

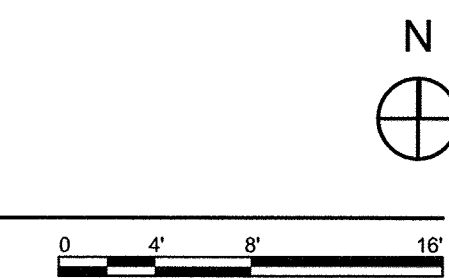
A-105

LEGEND

-  AREA OF ICE AND WATER SHIELD - EXTENT IS FROM ROOF EDGE TO 36" BACK FROM INTERIOR FACE OF STUD
-  DRAFTSTOPPING IN ATTICS AT ALL DEMISING WALLS



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



Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



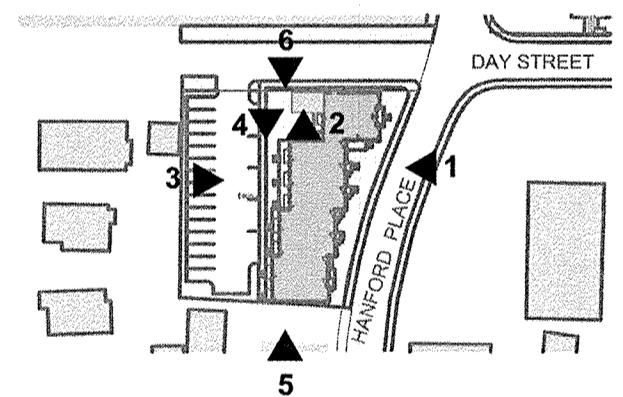
101 SUMMER ST BOSTON MA 02110
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CONSULTANT

STAMP



KEY PLAN



⊕

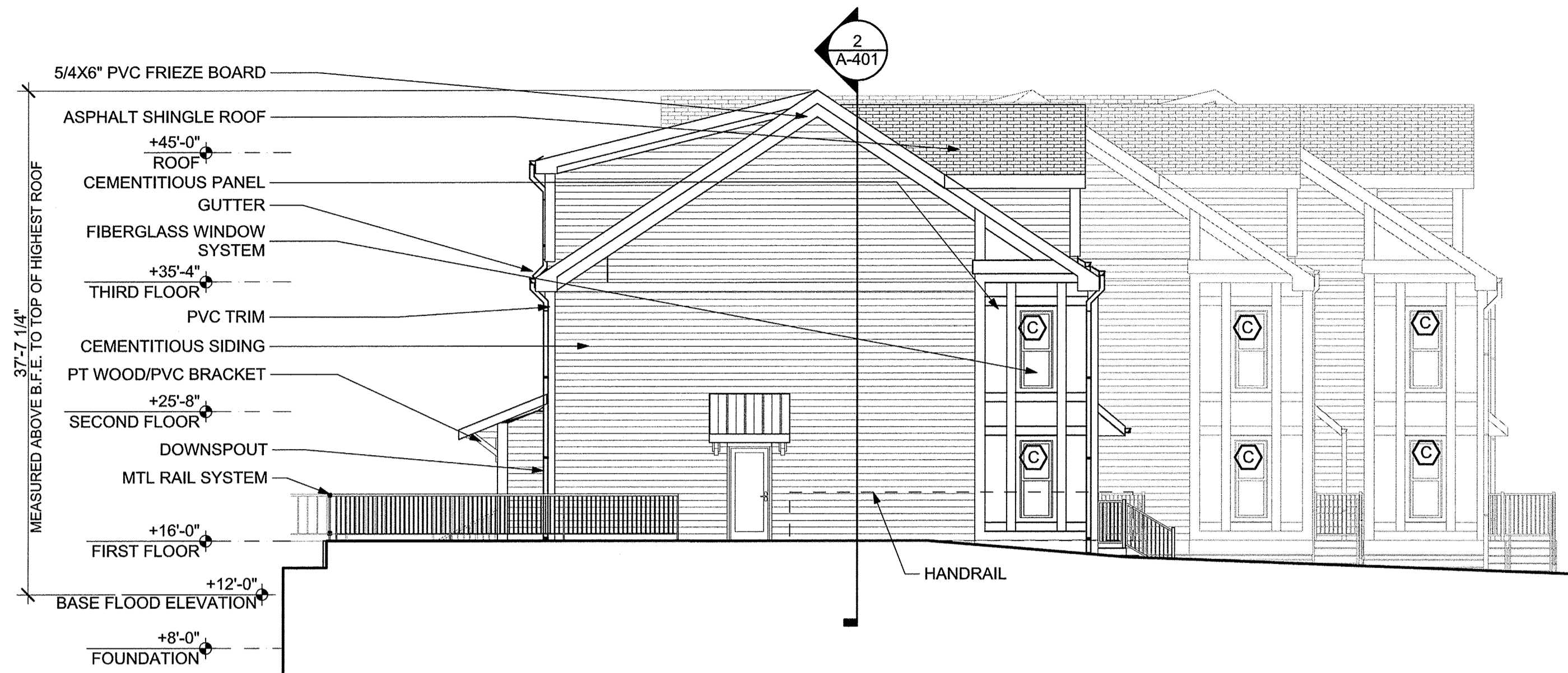
| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: JR,AF,GA,KH,SO
CHECKED BY:

SHEET TITLE

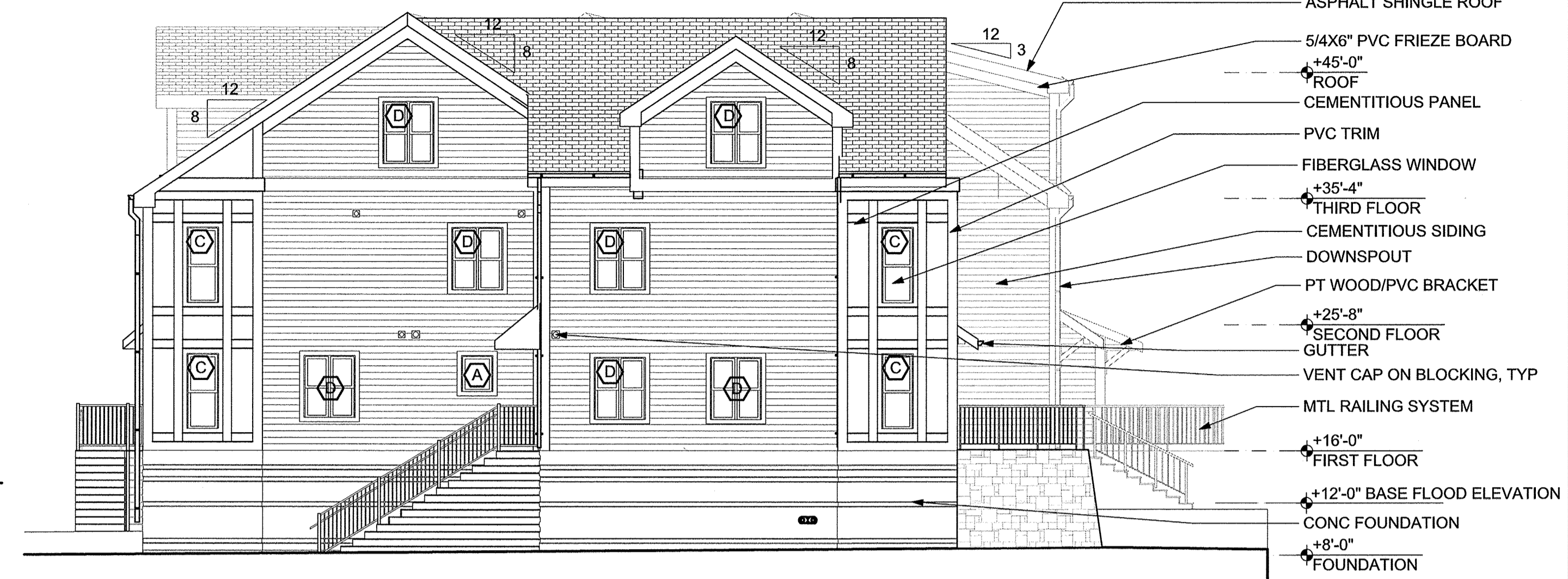
BUILDING A ELEVATIONS

A-201



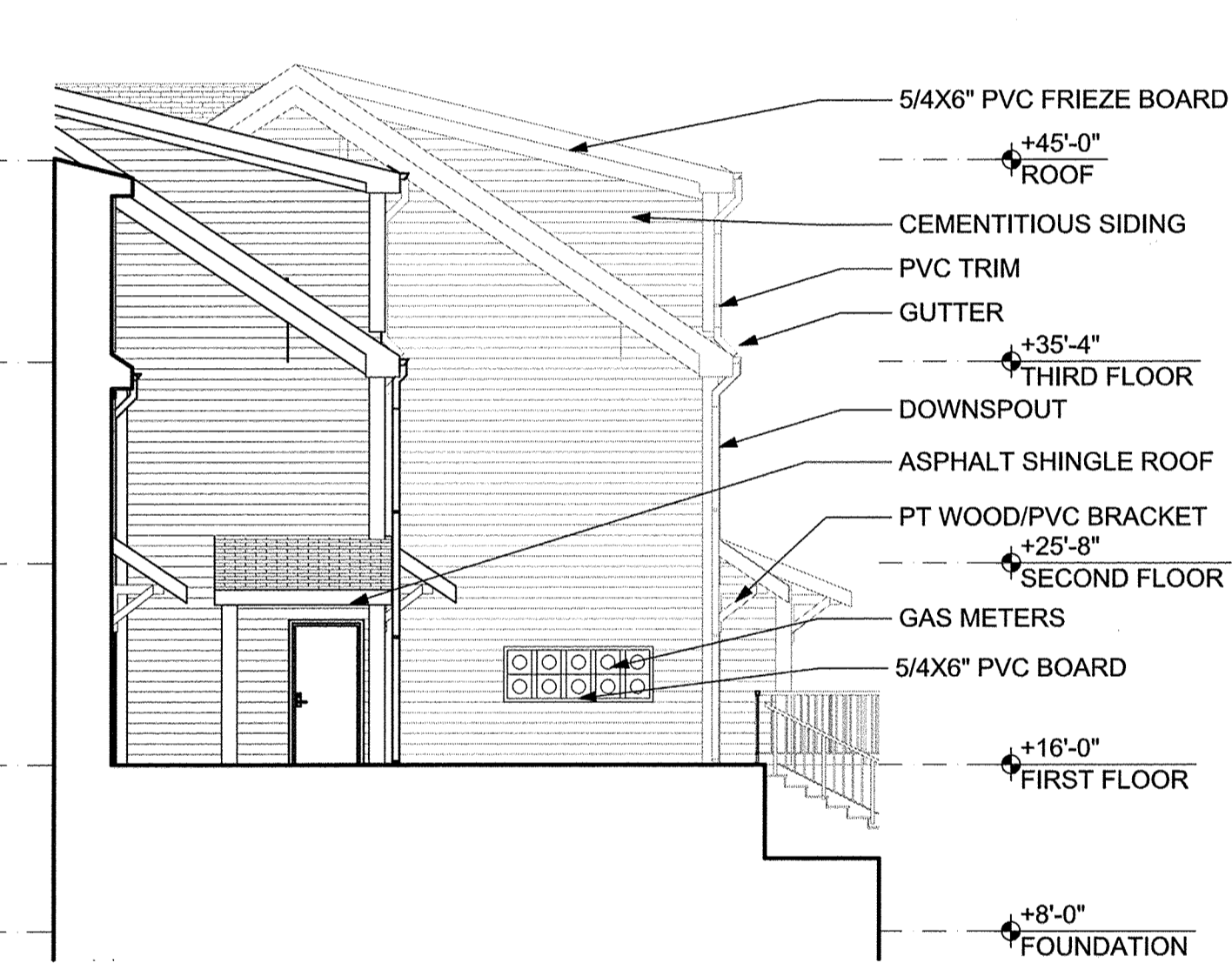
6 BUILDING A SIDE ELEVATION (WEST)

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



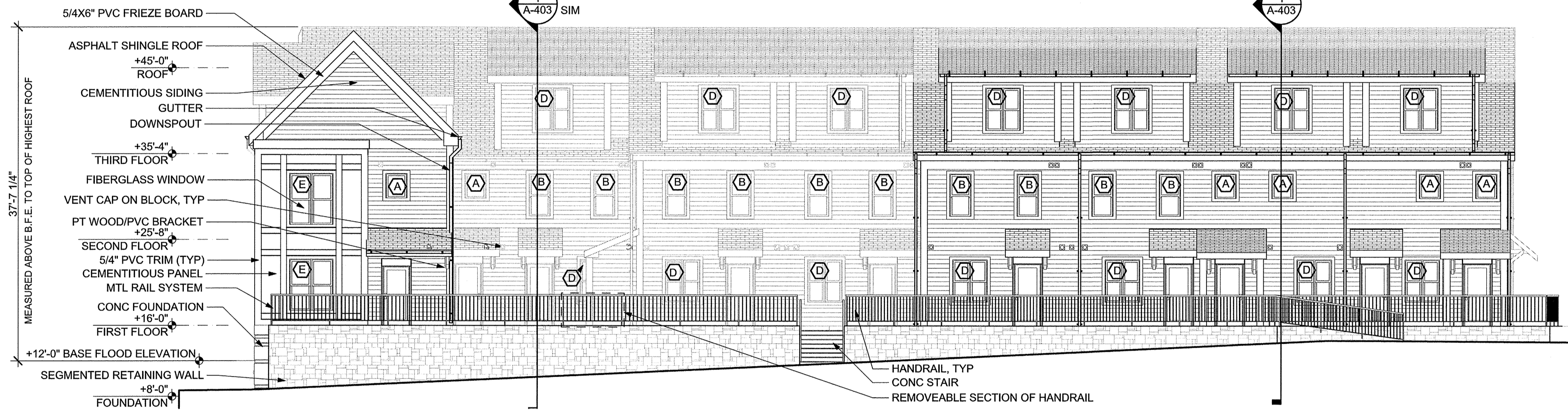
5 BUILDING A DAY STREET ELEVATION (EAST)

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



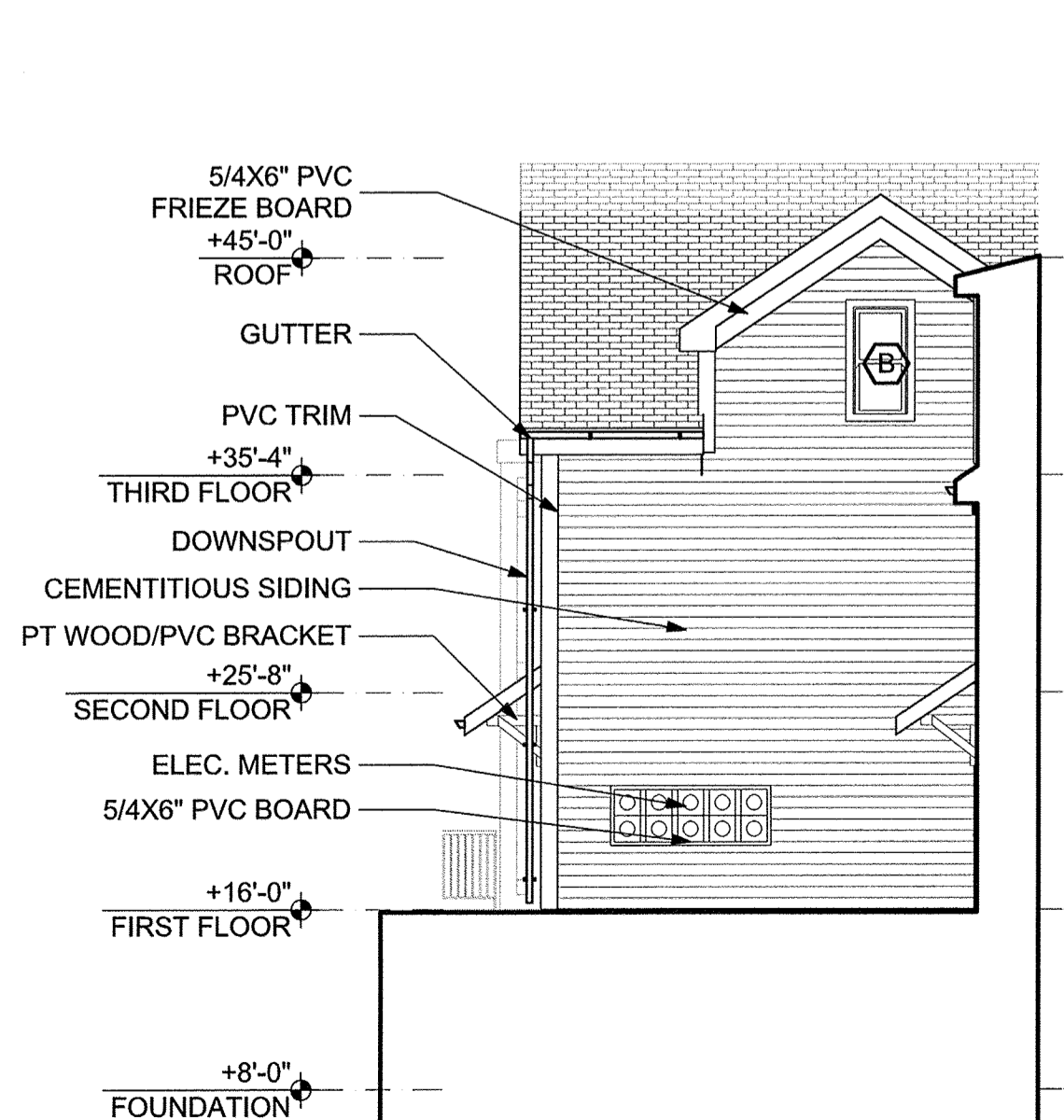
4 PARTIAL BUILDING A EAST ELEVATION

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



3 BUILDING A REAR ELEVATION (NORTH)

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



2 PARTIAL BUILDING A WEST ELEV

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



1 BUILDING A HANFORD PLACE ELEVATION (SOUTH)

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

09-18-2014 9:28-PA

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

E-ICON
ARCHITECTURE

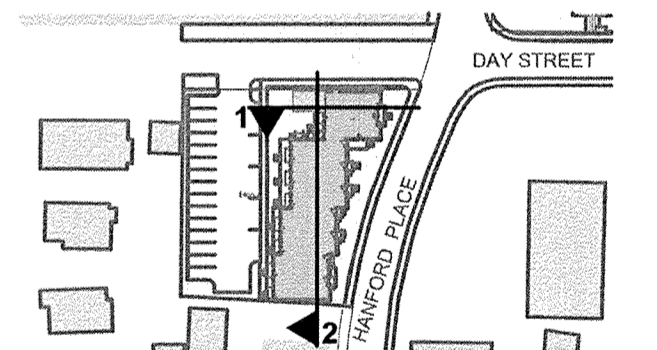
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| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

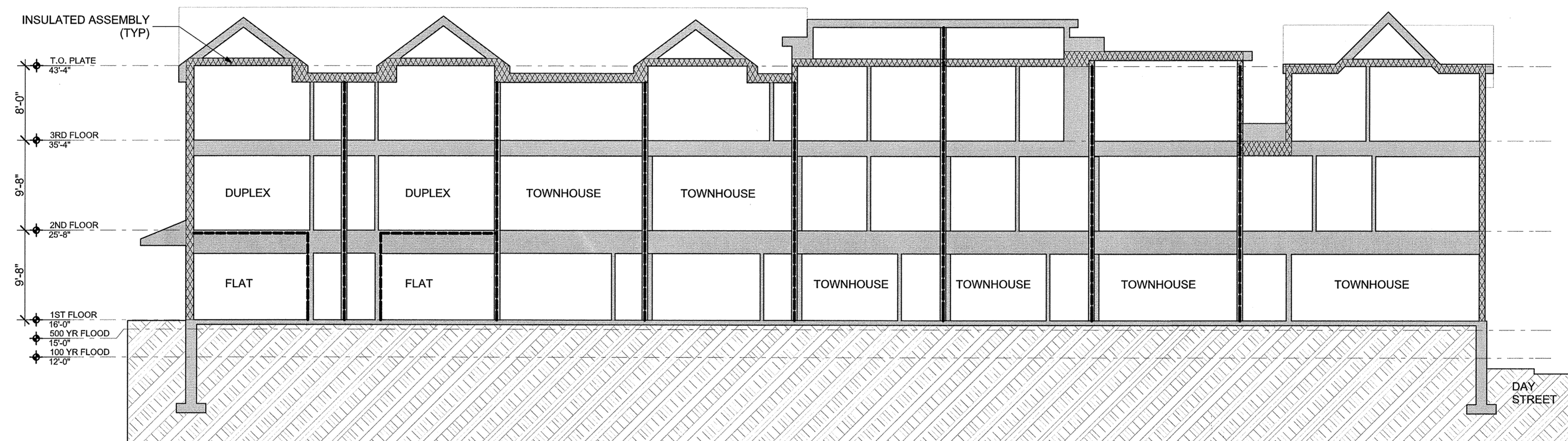
PROJECT NO.: 21222
DRAWN BY: AF, PG, SW
CHECKED BY:

SHEET TITLE

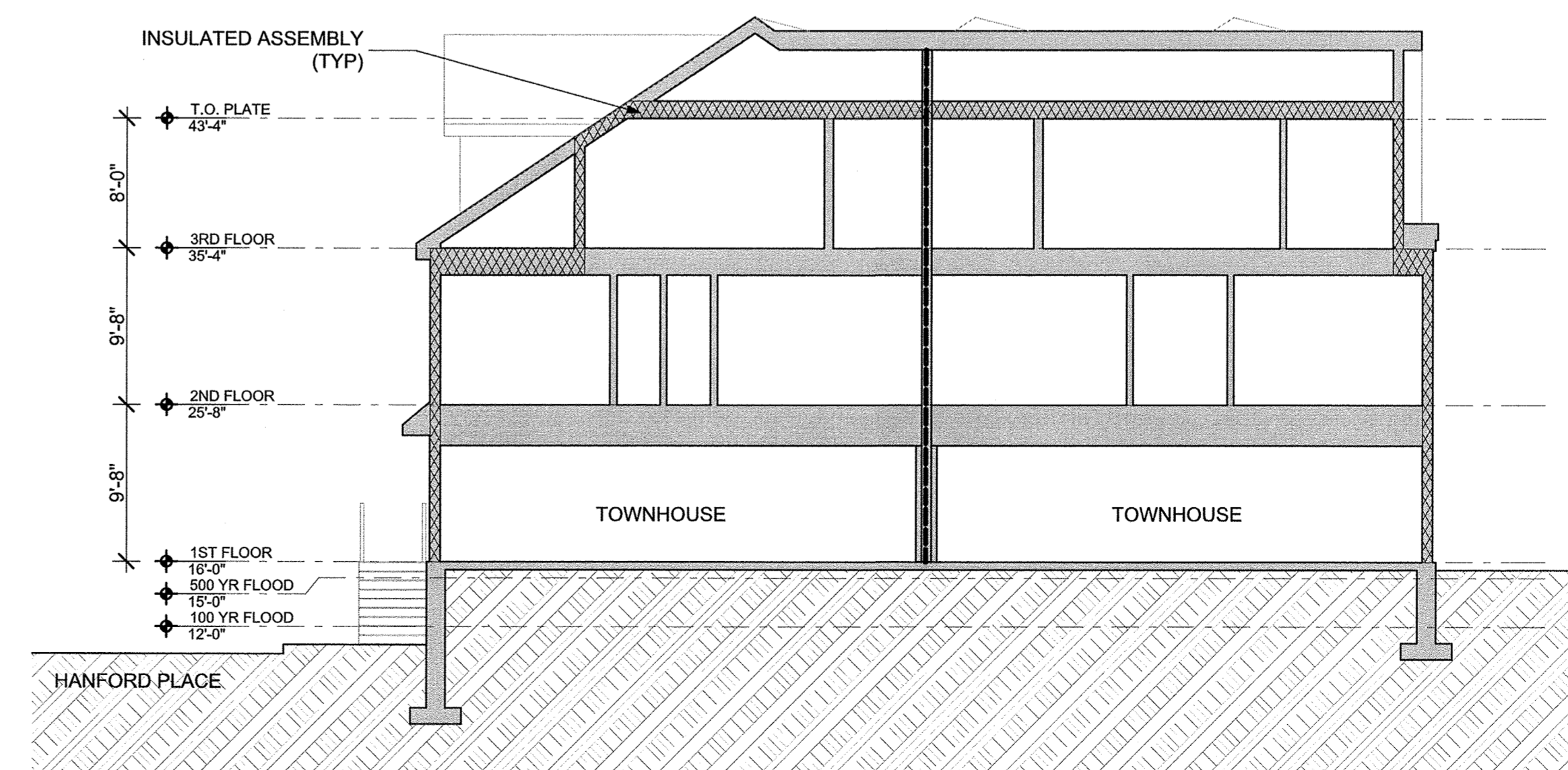
BUILDING A SECTION

A-301

GENERAL NOTES:
 - - - 1 HR SEPARATION
 R-21 MIN. ISULATION @
 TOP PLATES ADJACENT
 TO UNCONDITIONED
 SPACE



2 BUILDING A LONGITUDINAL SECTION
SCALE: 1/8" = 1'-0"



1 BUILDING A SECTION
SCALE: 1/8" = 1'-0"

9/18/2014 3:28 PM

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

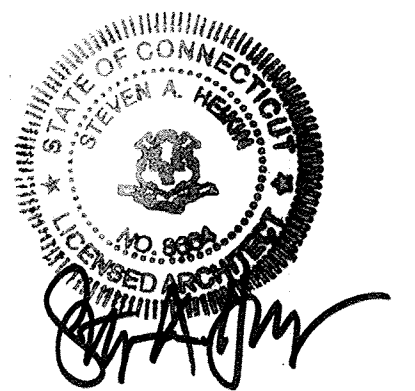
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&
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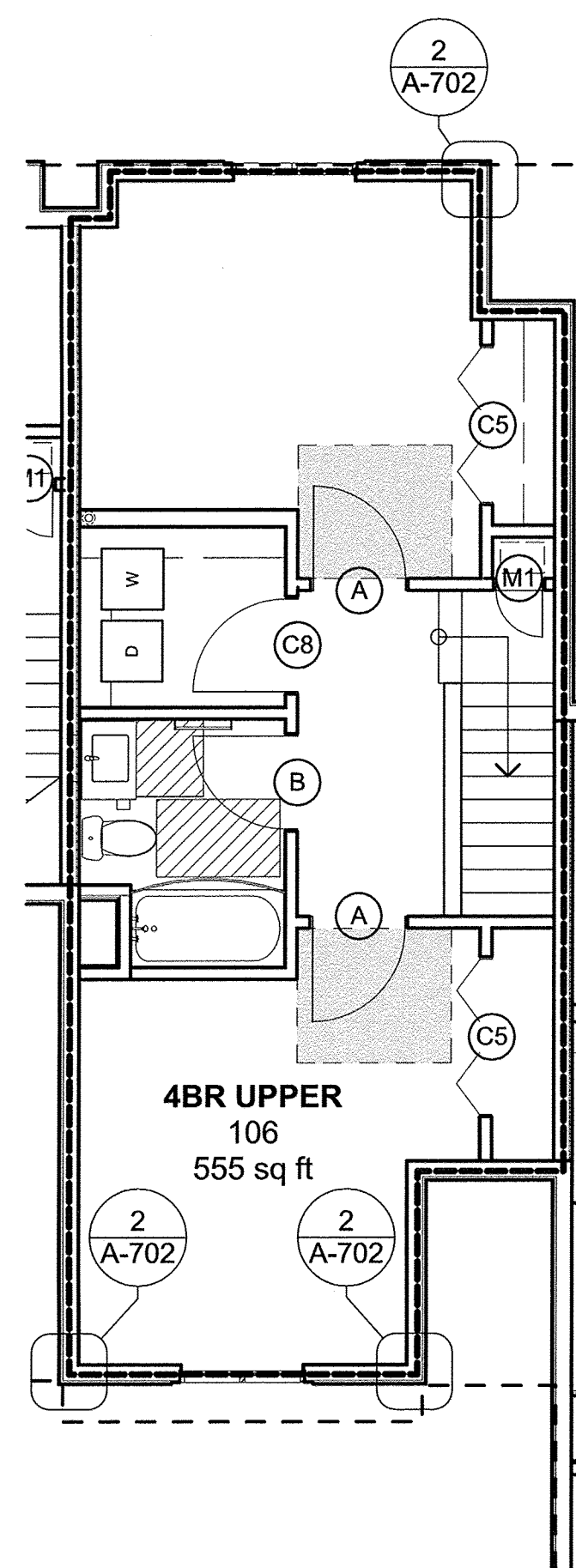
| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: BD, AS
CHECKED BY:

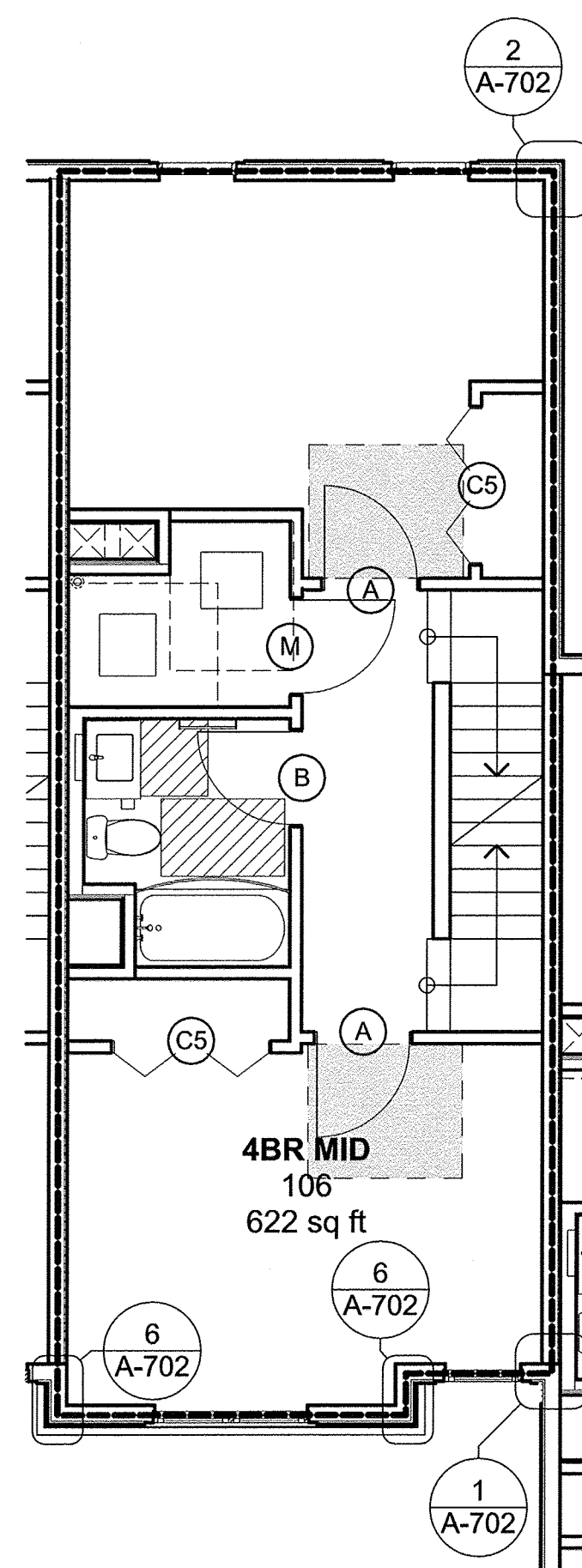
SHEET TITLE

COMPARTMENT -
ALIZATION PLAN

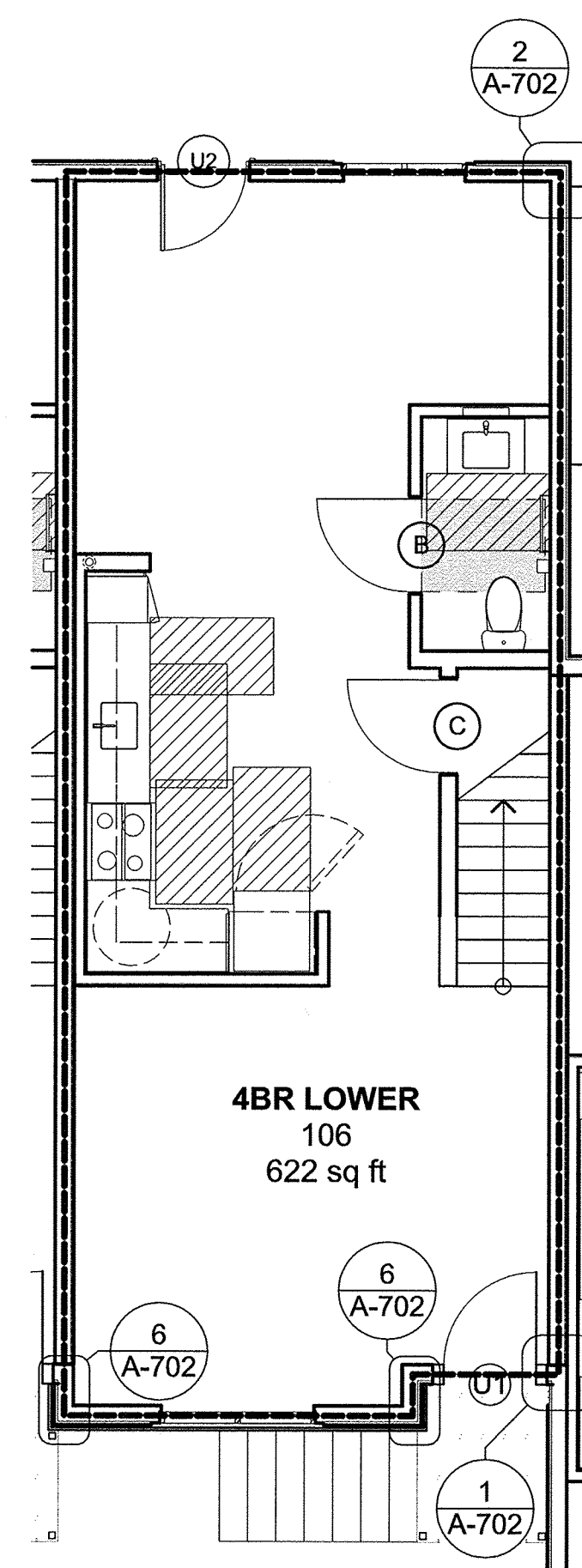
A-302



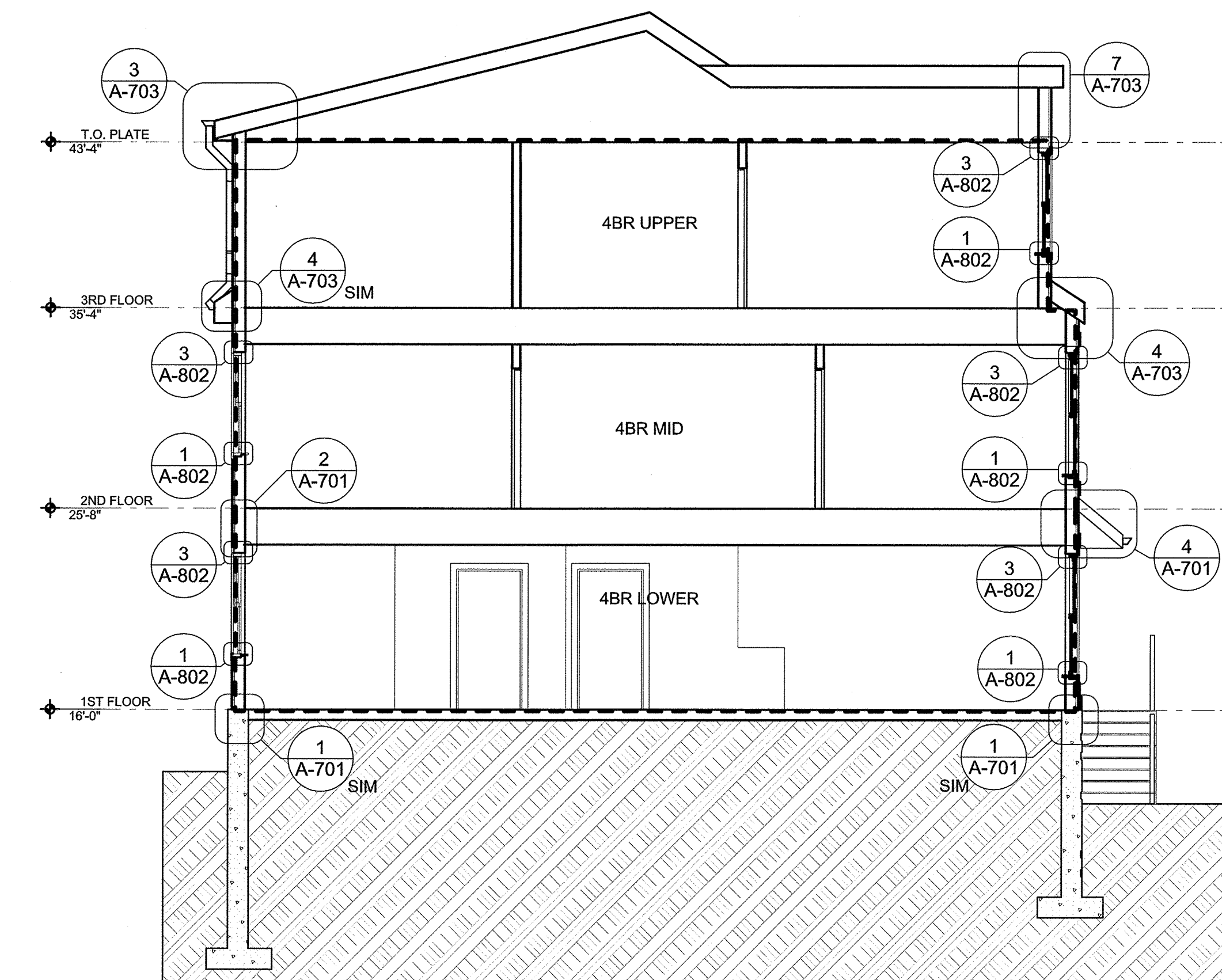
4 TYP UNIT - THIRD FLOOR
SCALE: 3/16" = 1'-0"



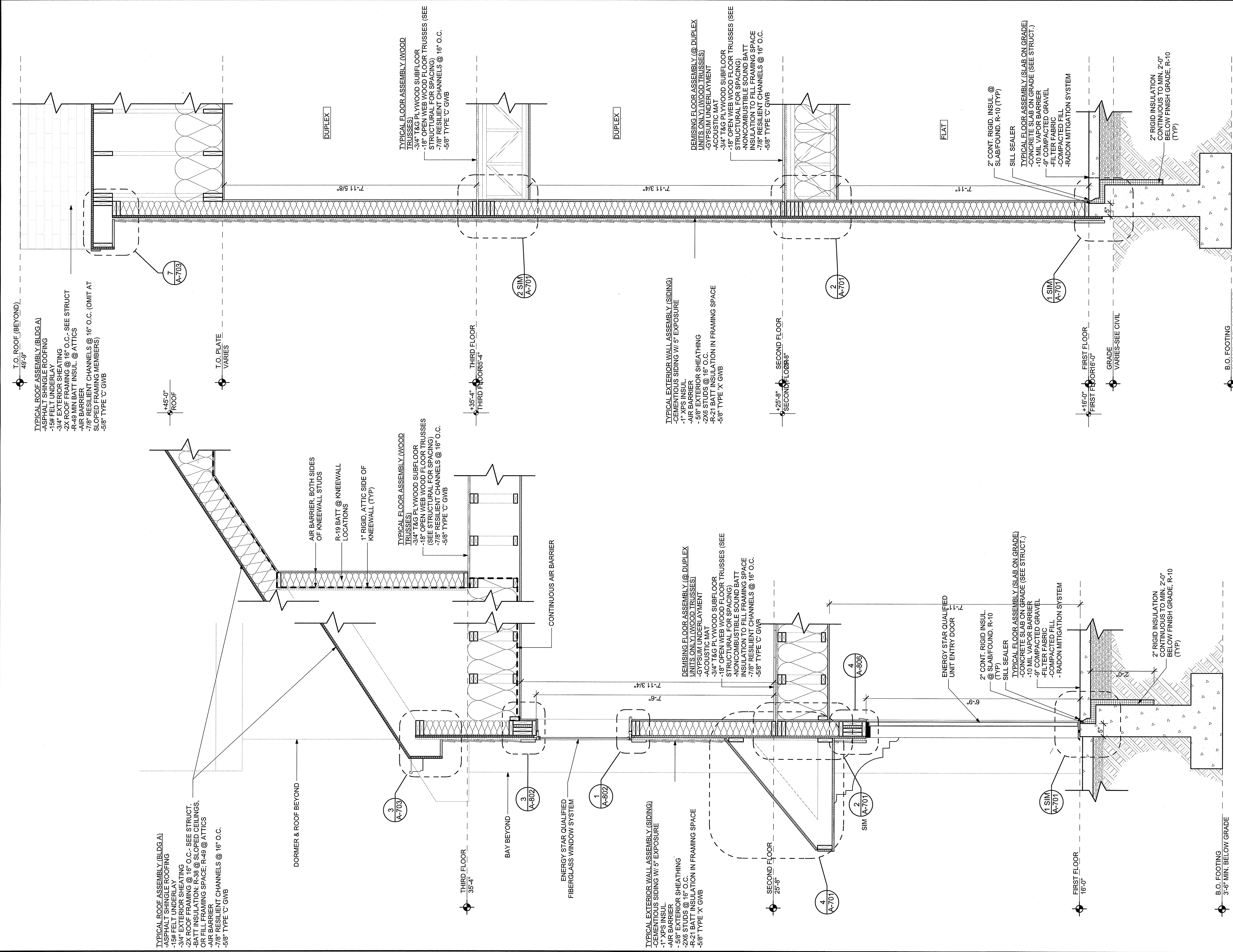
3 TYP UNIT - SECOND FLOOR
SCALE: 3/16" = 1'-0"



2 TYP UNIT - FIRST FLOOR
SCALE: 3/16" = 1'-0"



1 BUILDING A COMPARTMENTALIZATION SECTION
SCALE: 3/16" = 1'-0"



1 WALL SECTION BETWEEN DORMERS
SCALE: 3/4" = 1'-0" GENERAL NOTES: R-21 MIN. INSULATION @ TOP PLATES ADJACENT TO UNCONDITIONED SPACE

2 WALL SECTION @ RAKE
SCALE: 3/4" = 1'-0" GENERAL NOTES: R-21 MIN. INSULATION @ TOP PLATES ADJACENT TO UNCONDITIONED SPACE

| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: AF, PG, SW
CHECKED BY:

SHEET TITLE
**WALL SECTIONS,
BUILDING A**

A-401

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

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Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

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1 WALL SECTION @ 3BR, STREET SIDE

SCALE: 3/4" = 1'-0" GENERAL NOTES: R-21 MIN. INSULATION @ TOP PLATES ADJACENT TO UNCONDITIONED SPACE

| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: AF, PG, SW
CHECKED BY:

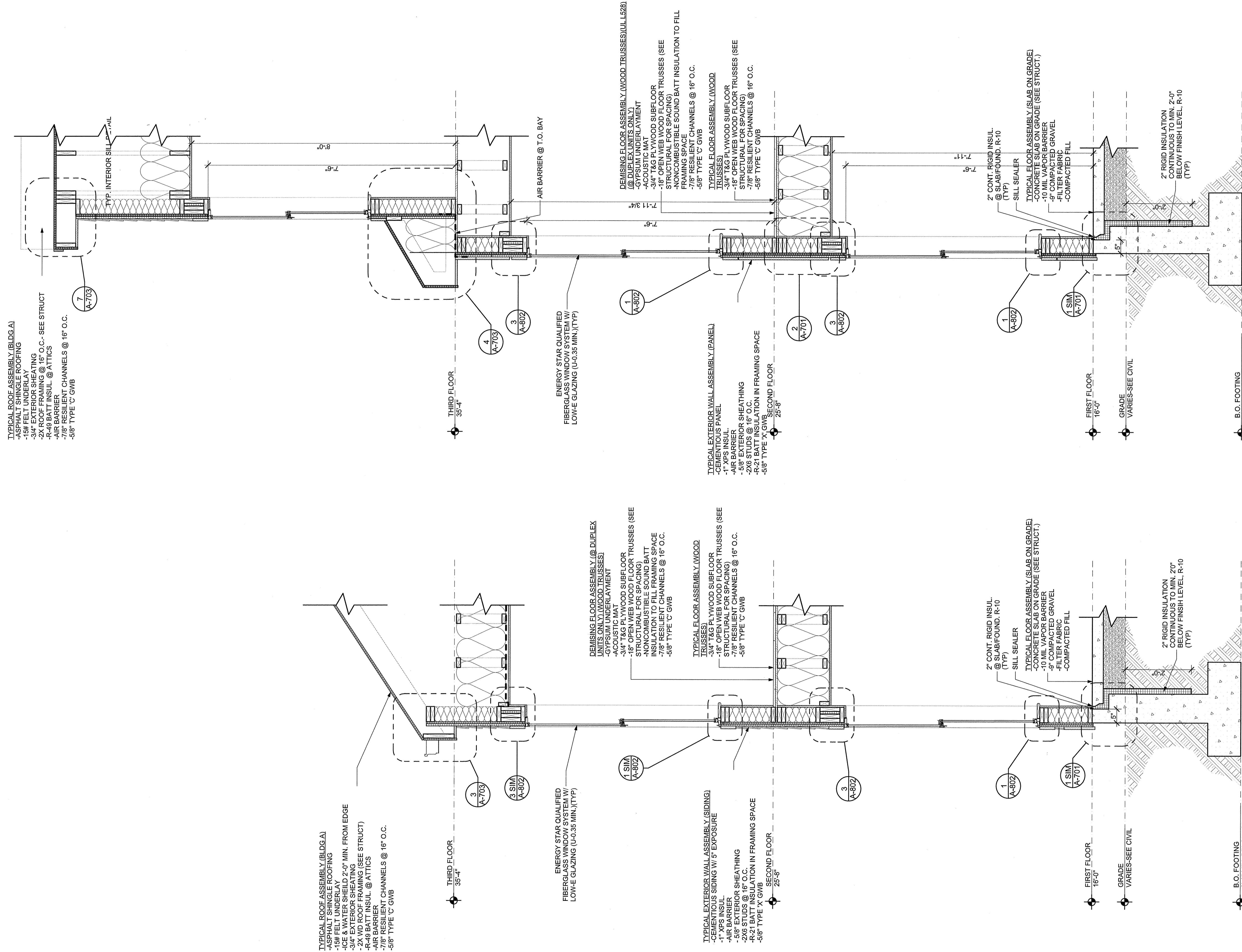
SHEET TITLE

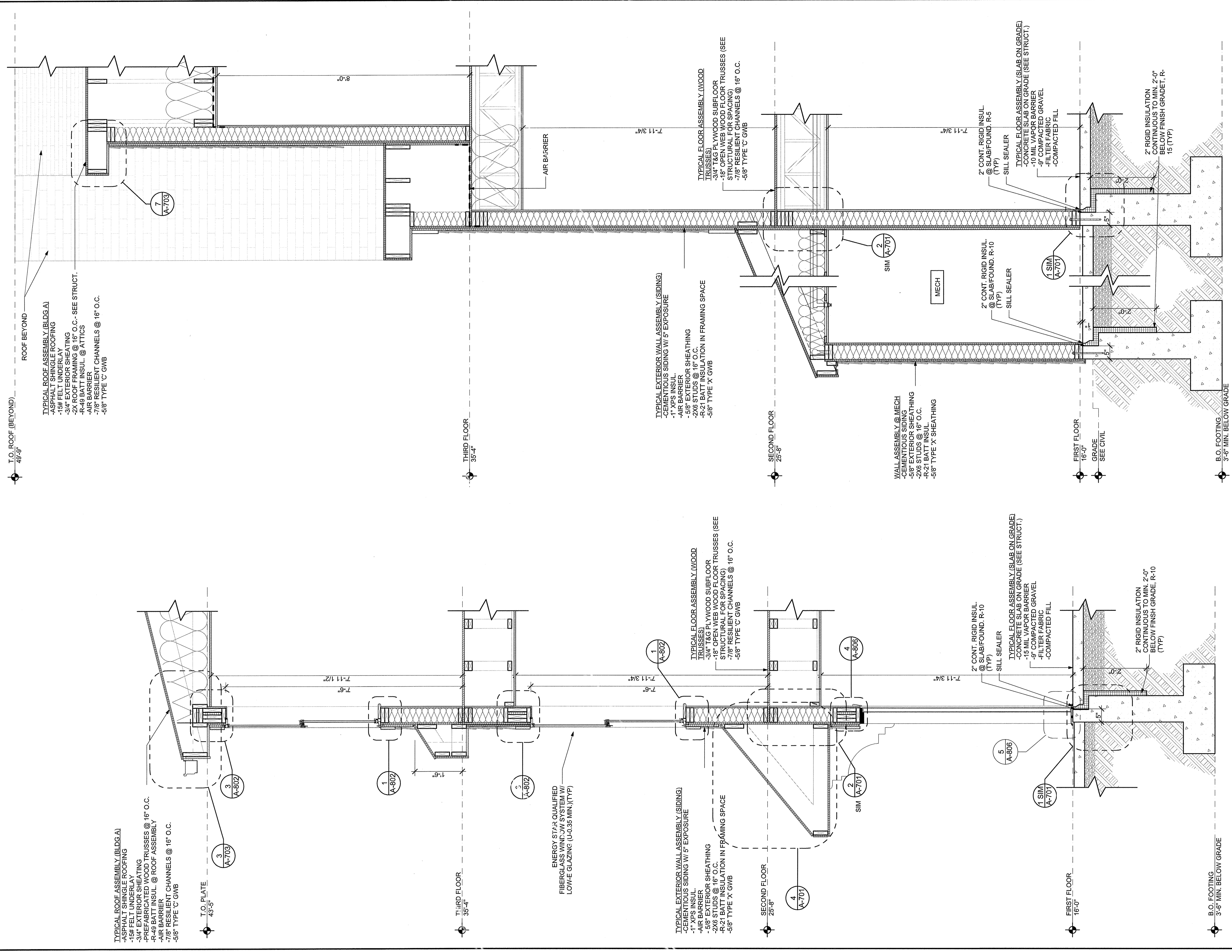
WALL SECTIONS,
BUILDING A

A-402

2 WALL SECTION @ BAY

SCALE: 3/4" = 1'-0" GENERAL NOTES: R-21 MIN. INSULATION @ TOP PLATES ADJACENT TO UNCONDITIONED SPACE





1 WALL SECTION @ 4BR REAR ENTRY (SHED DORMER) SCALE: 3/4" = 1'-0" GENERAL NOTES: R-21 MIN. INSULATION @ TOP PLATES ADJACENT TO UNCONDITIONED SPACE

2 WALL SECTION @ REAR DORMER RAKE SCALE: 3/4" = 1'-0" GENERAL NOTES: R-21 MIN. INSULATION @ TOP PLATES ADJACENT TO UNCONDITIONED SPACE

Washington Village
Phase 1
13 Day Street
Building A
Norwalk, CT
Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

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| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: AF, PG, SW
CHECKED BY:

SHEET TITLE

**WALL SECTIONS,
BUILDING A**

A-403

Washington Village Master Plan

Norwalk, CT

Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

E-ICON ARCHITECTURE

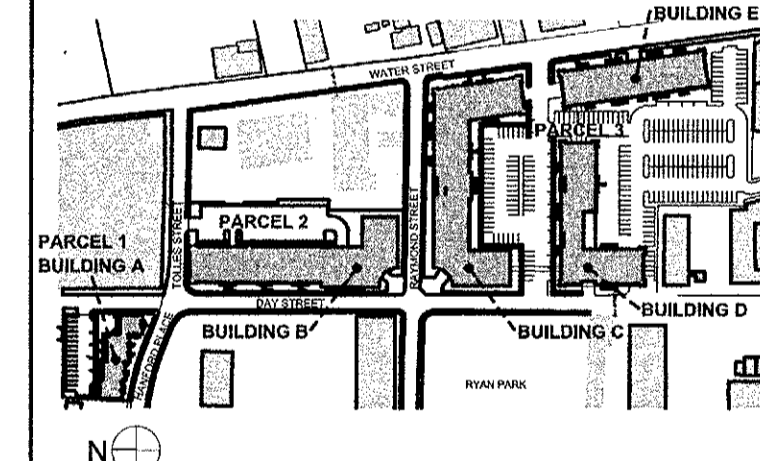
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KEY PLAN



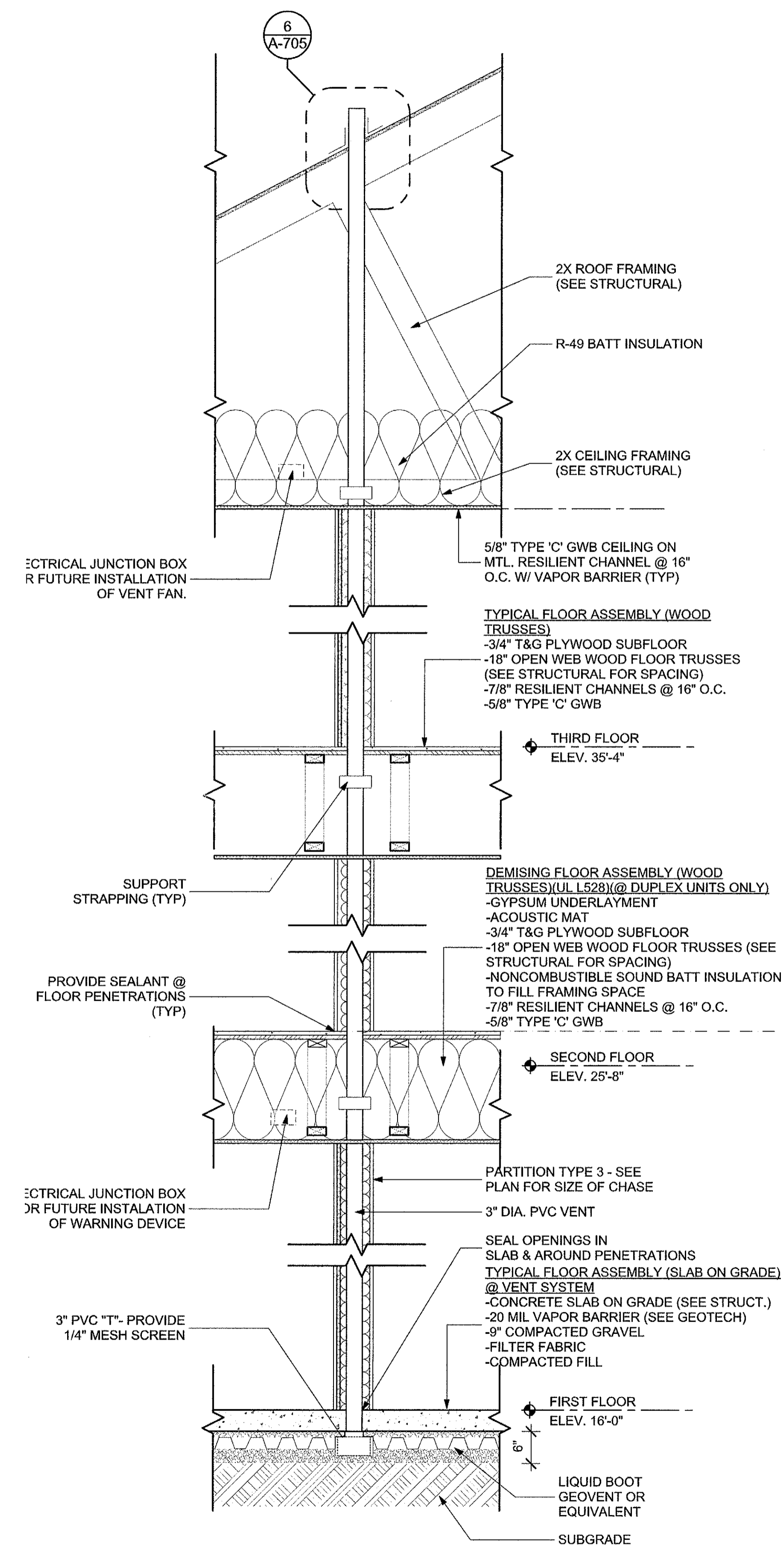
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|------|------------|------------------------|
| | 2013-09-19 | MASTER PLAN SUBMISSION |

PROJECT NO.: 21222
DRAWN BY: PG
CHECKED BY:

SHEET TITLE

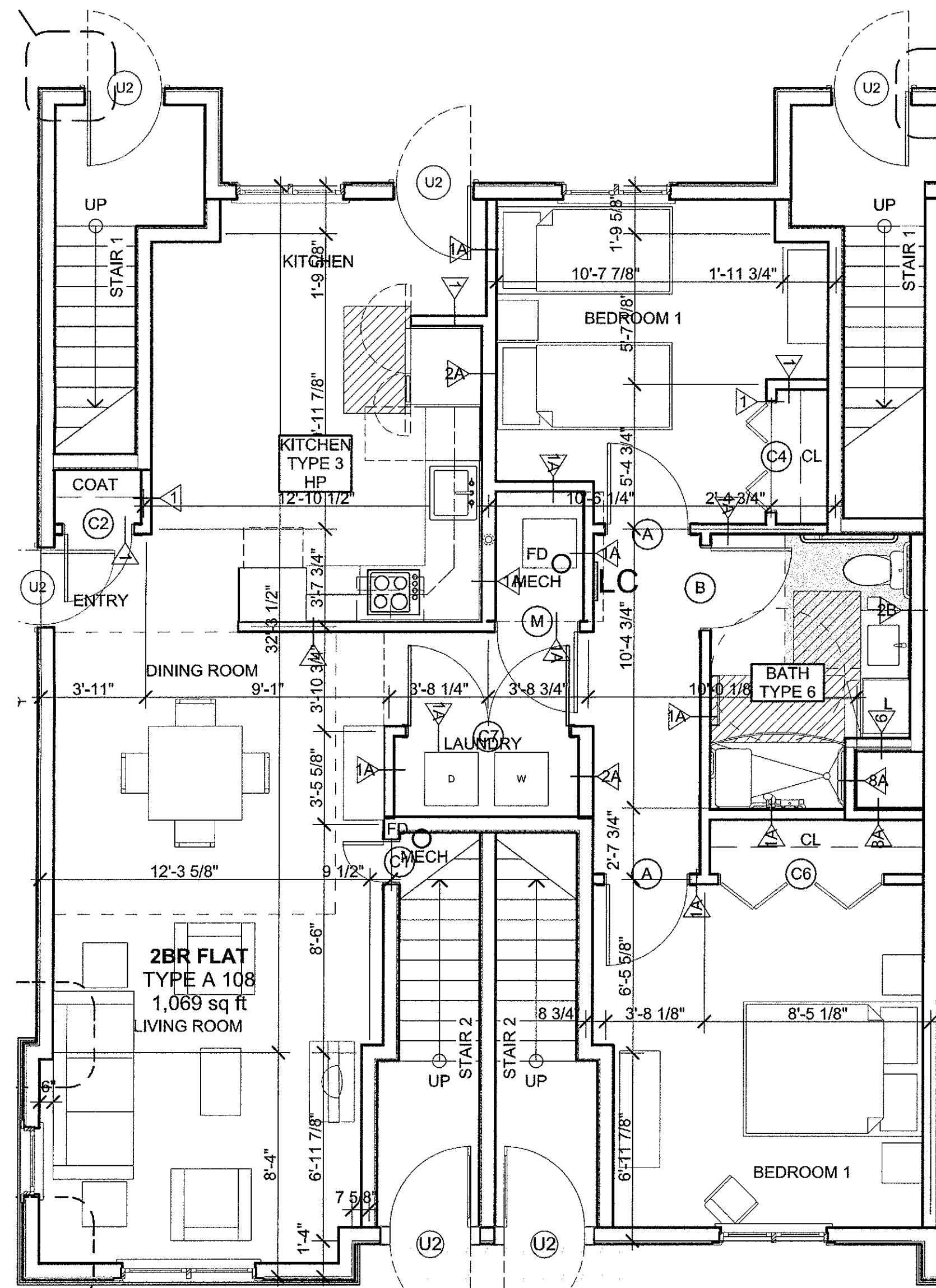
WALL SECTIONS, BUILDING A

A-404

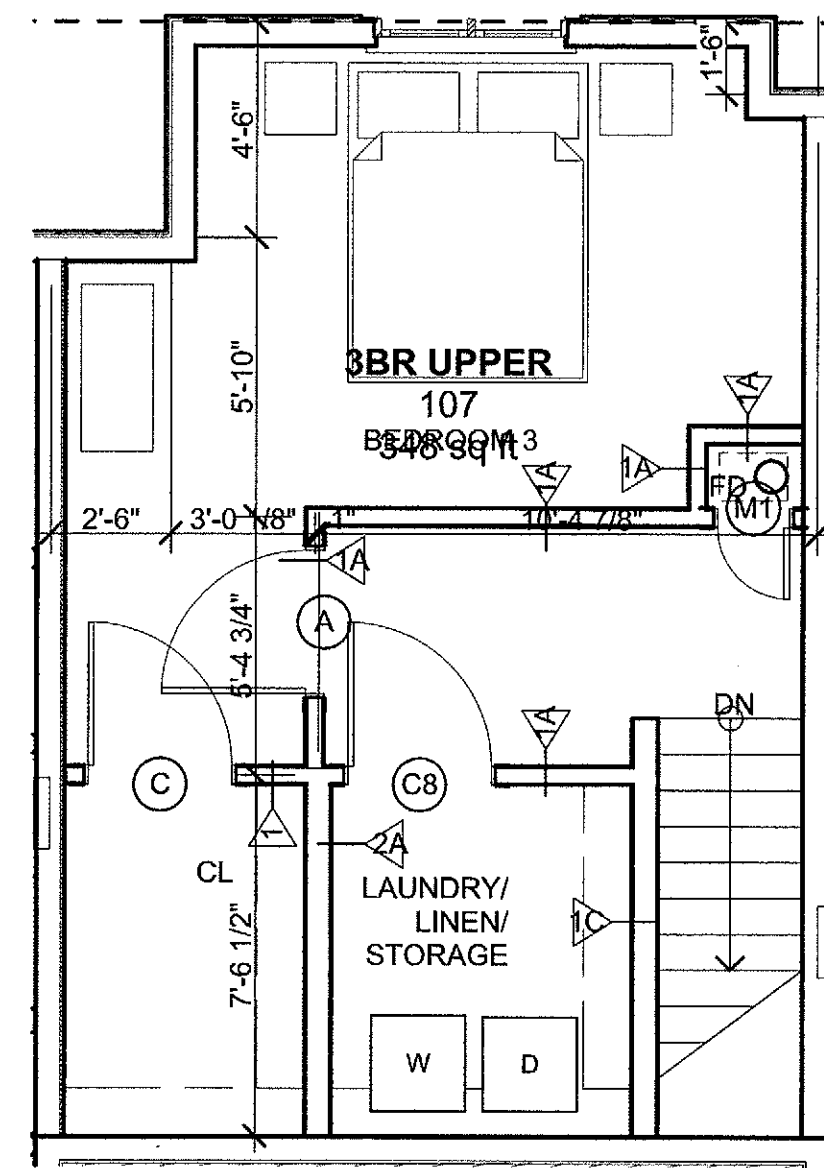


1 PASSIVE SUB SLAB VENTILATION SYSTEM DETAIL
SCALE: 3/4" = 1'-0"

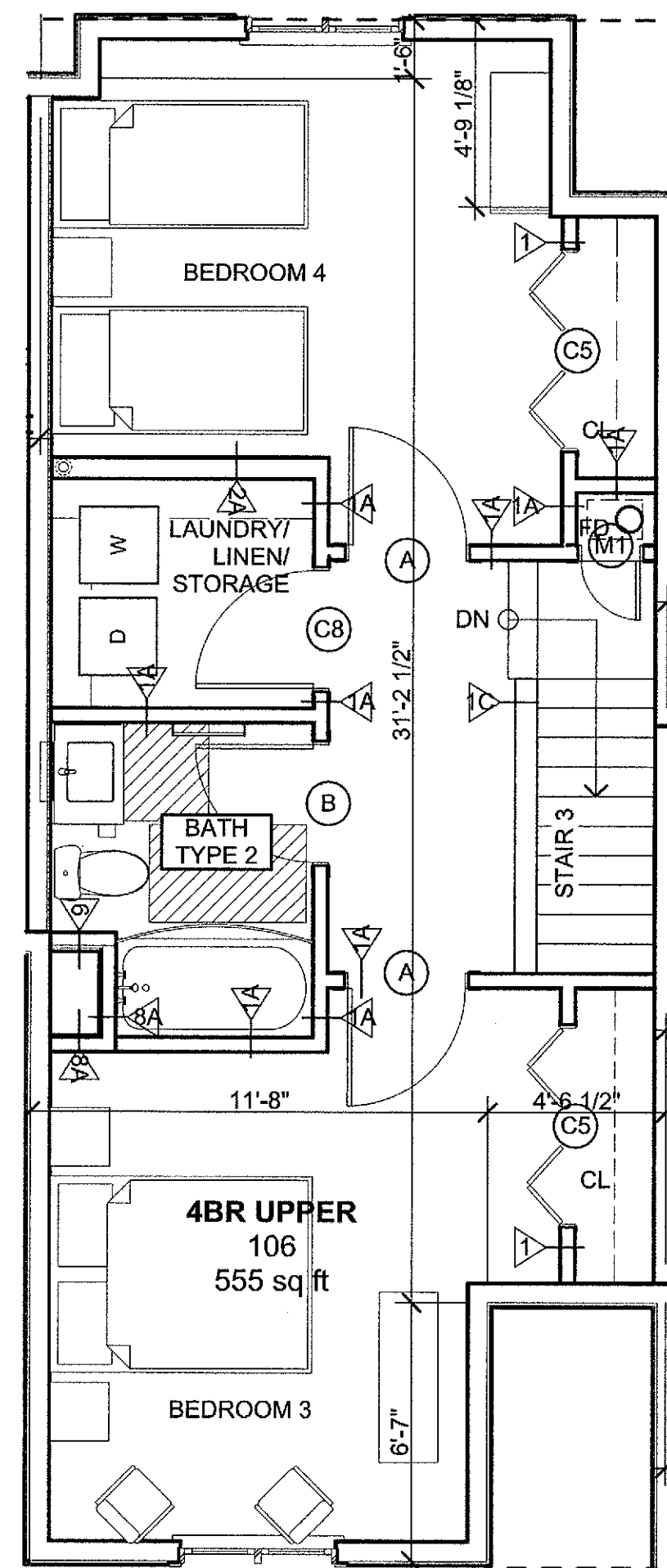
9/18/2014 3:26 PM



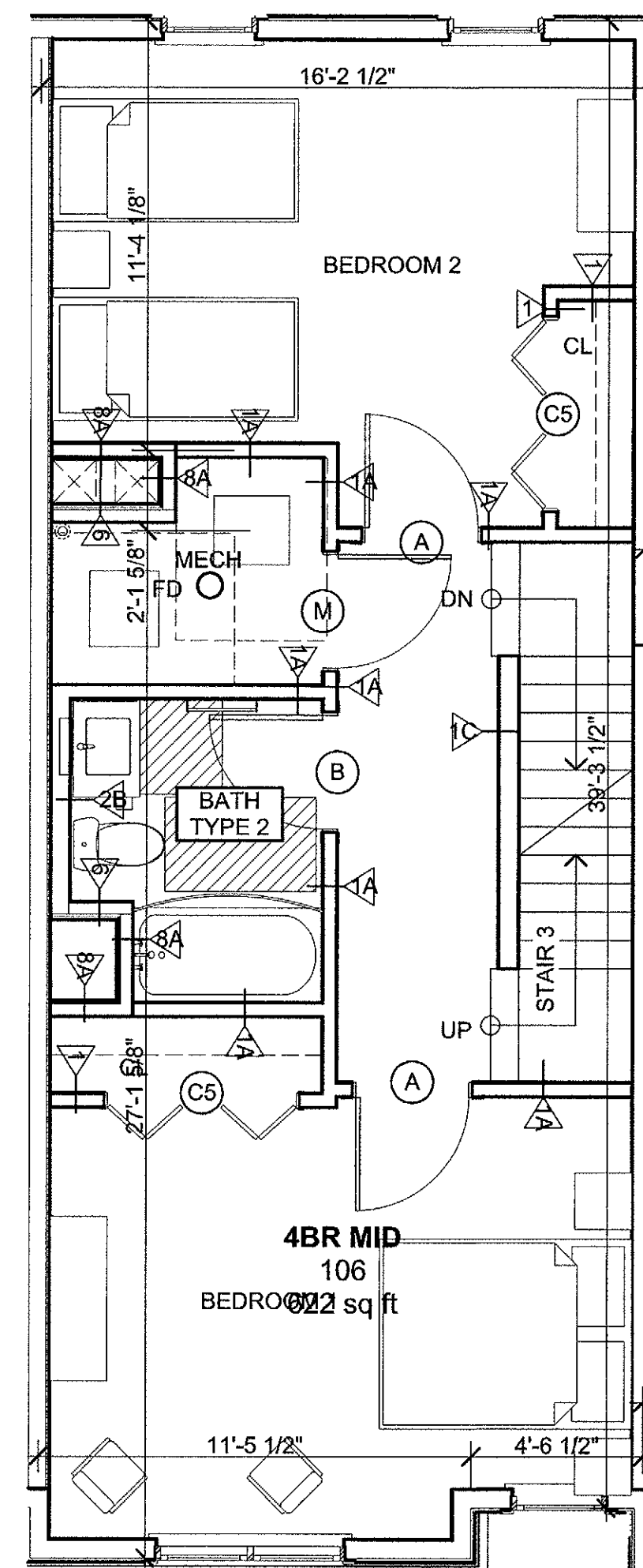
4 2BR FLAT (TYPE A / BARRIER FREE)
SCALE: 1/4" = 1'-0"



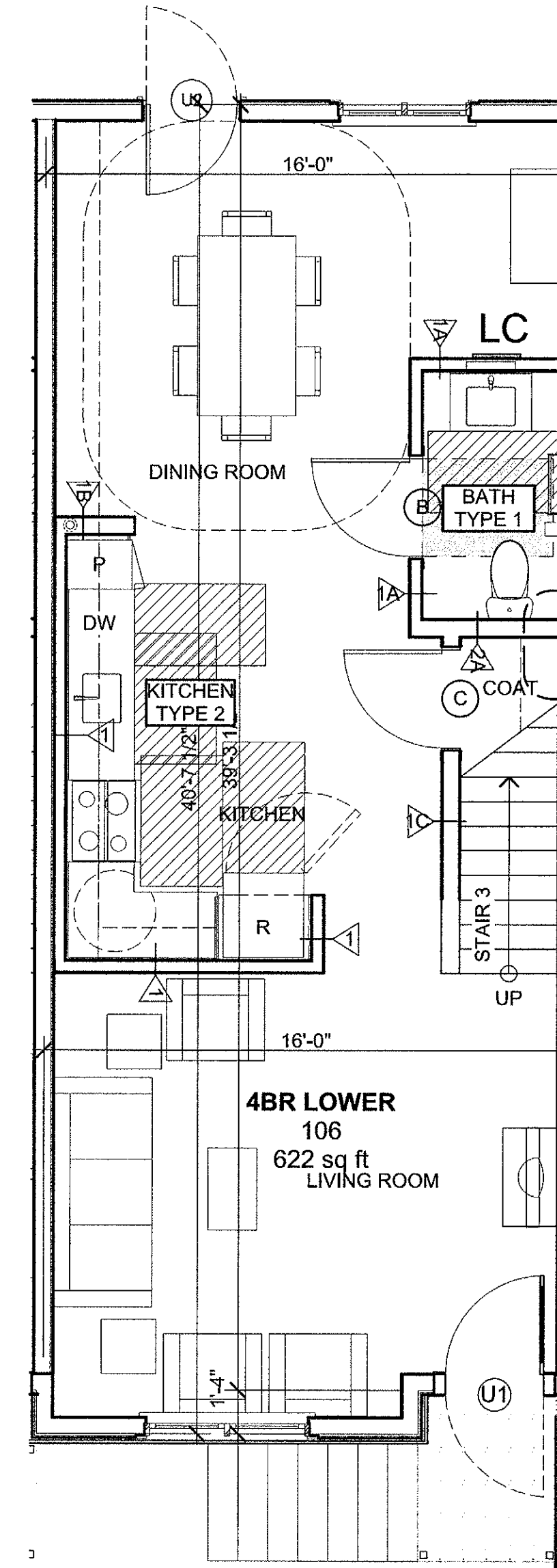
3B 3TH THIRD FLOOR
SCALE: 1/4" = 1'-0"
(THREE BEDROOM TOWNHOUSE TOP FLOOR)



3A 3TH THIRD FLOOR
SCALE: 1/4" = 1'-0"
(FOUR BEDROOM TOWNHOUSE TOP FLOOR)



2 2TH SECOND FLOOR
SCALE: 1/4" = 1'-0"
(THREE & FOUR BEDROOM TOWNHOUSE)



1 1TH FIRST FLOOR
SCALE: 1/4" = 1'-0"
(THREE & FOUR BEDROOM TOWNHOUSE)

KEY:
 UNIT LOAD CENTER

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

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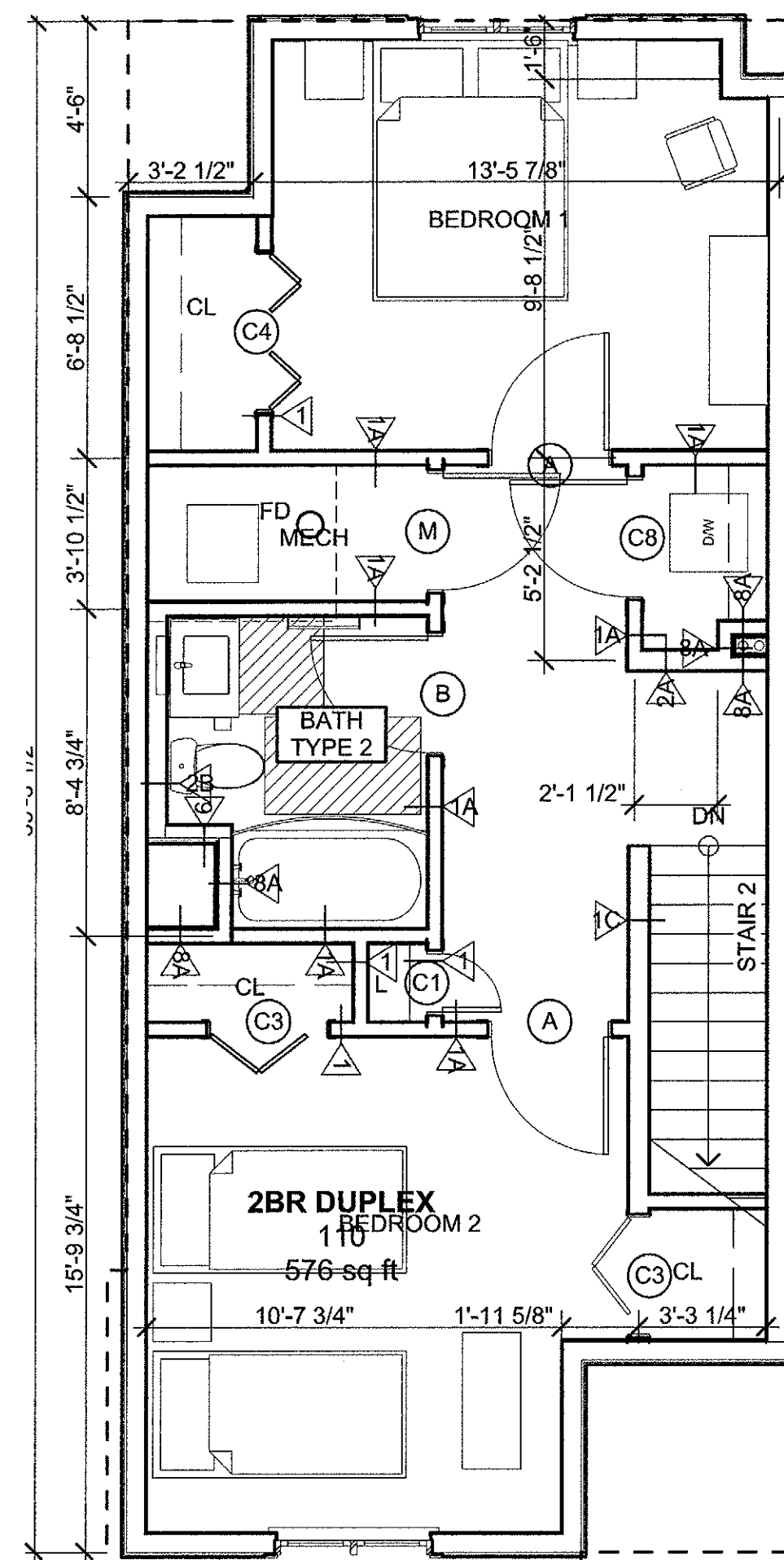
| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
 DRAWN BY: JR,KH,SO
 CHECKED BY:

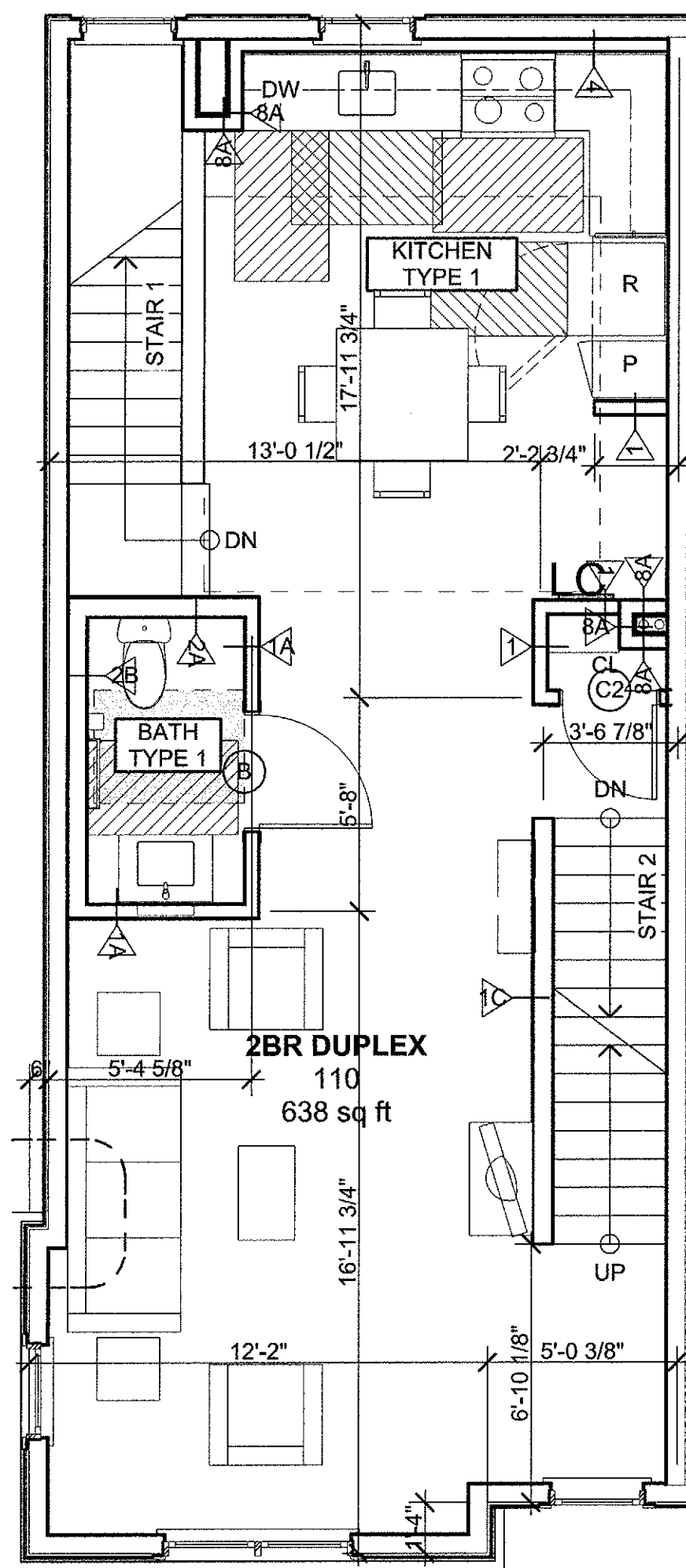
SHEET TITLE

**TYPICAL UNIT PLANS
BUILDING A**

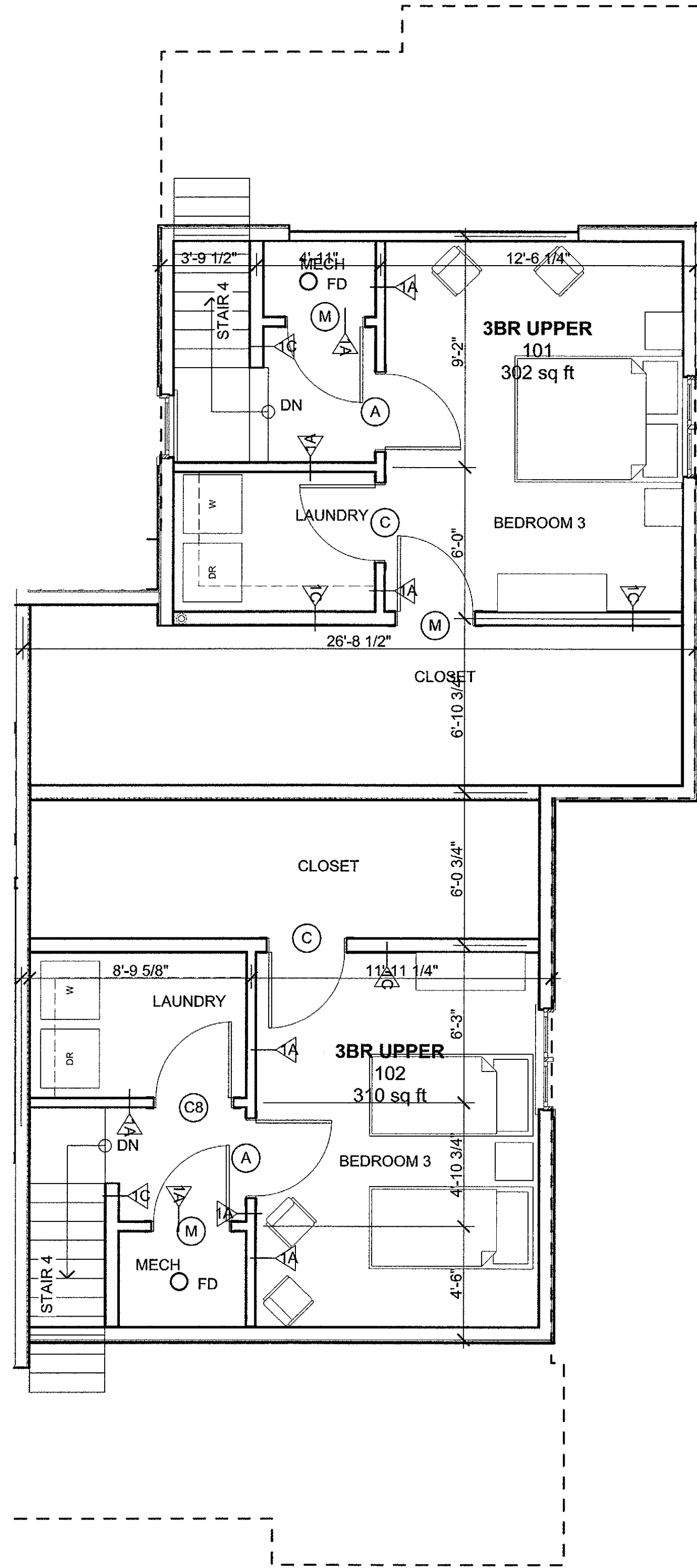
A-501



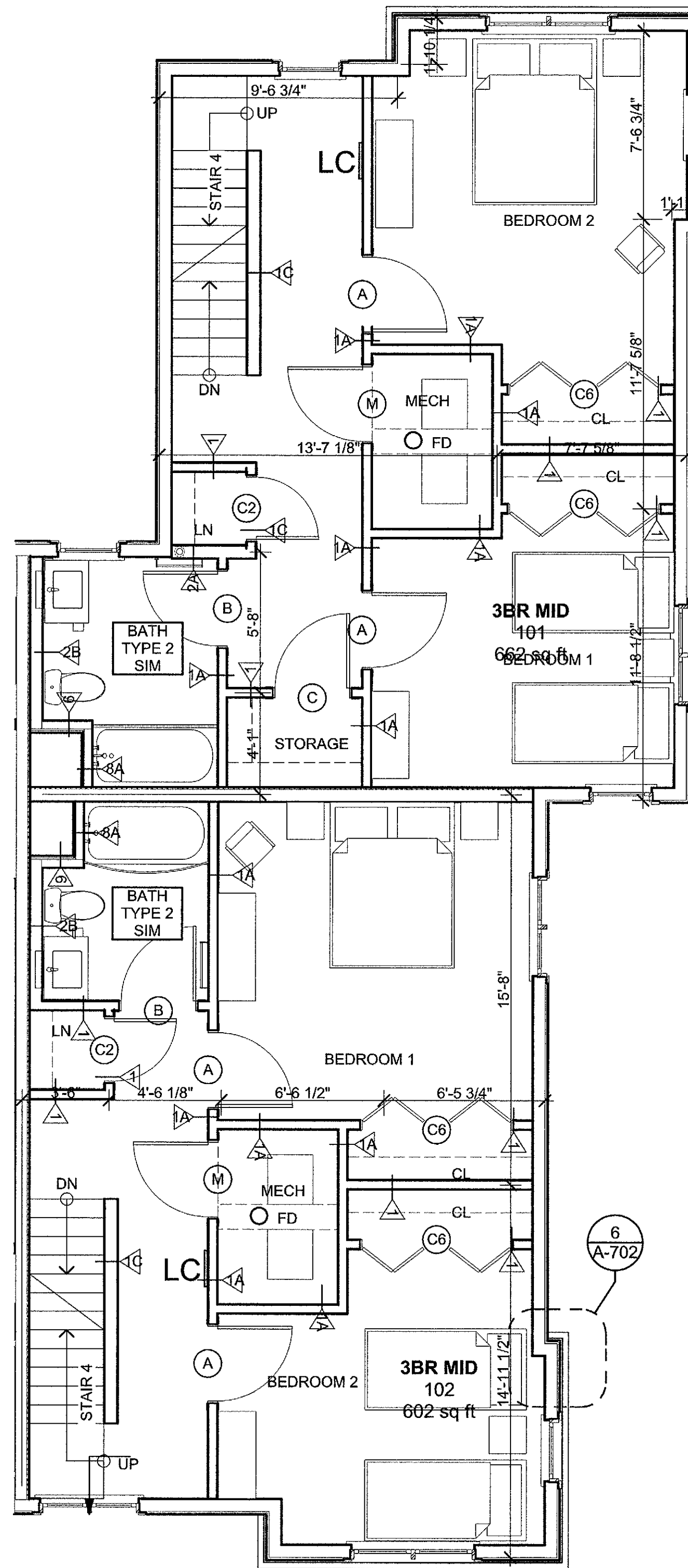
5 2BR DUPLEX 3RD FLOOR
SCALE: 1/4" = 1'-0"



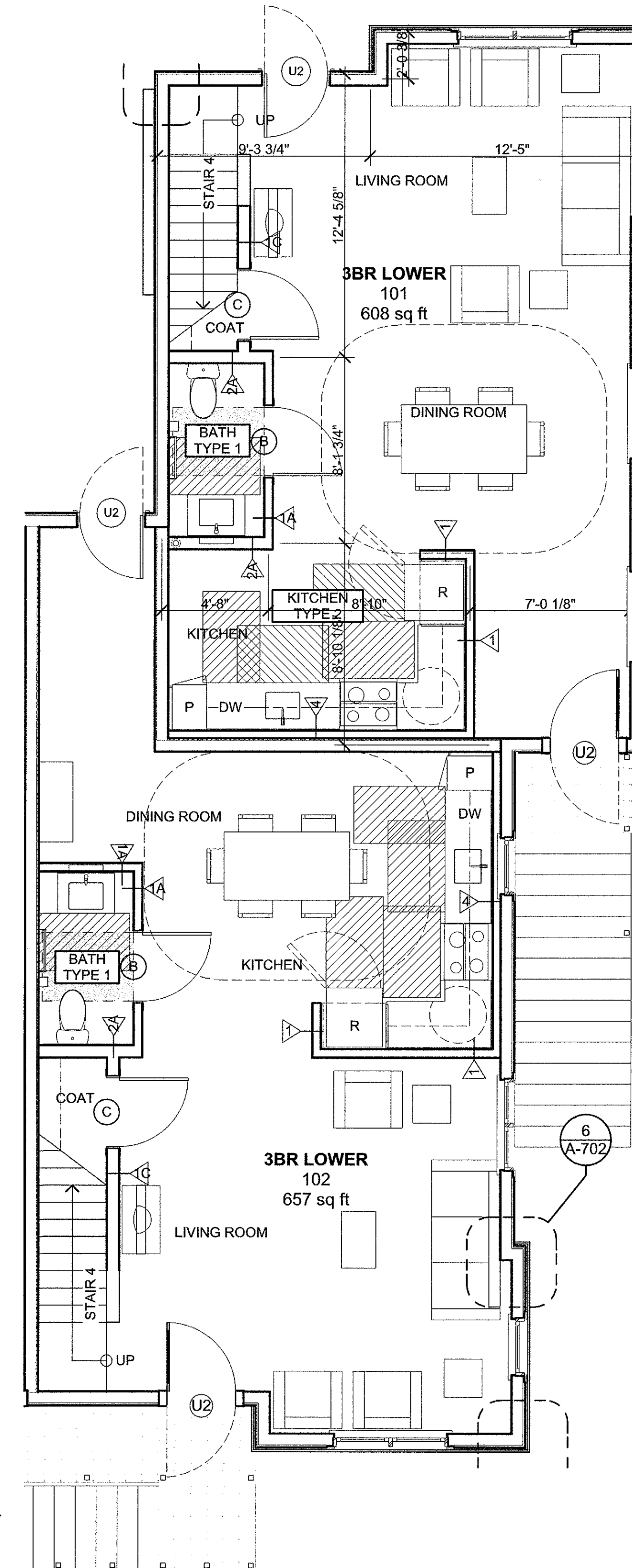
4 2BR DUPLEX 2ND FLOOR
SCALE: 1/4" = 1'-0"



3 TH THIRD FLOOR
SCALE: 1/4" = 1'-0"



2 TH SECOND FLOOR
SCALE: 1/4" = 1'-0"



1 TH FIRST FLOOR
SCALE: 1/4" = 1'-0"

KEY:
 UNIT LOAD CENTER

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



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| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: JR,KH,SO
CHECKED BY:

SHEET TITLE

**TYPICAL UNIT PLANS
BUILDING A**

A-502

KEY:

LC UNIT LOAD CENTER

SOFFIT

SHUT-OFF ACCESS PANEL

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

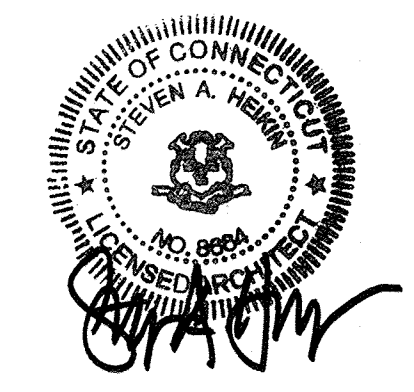
Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

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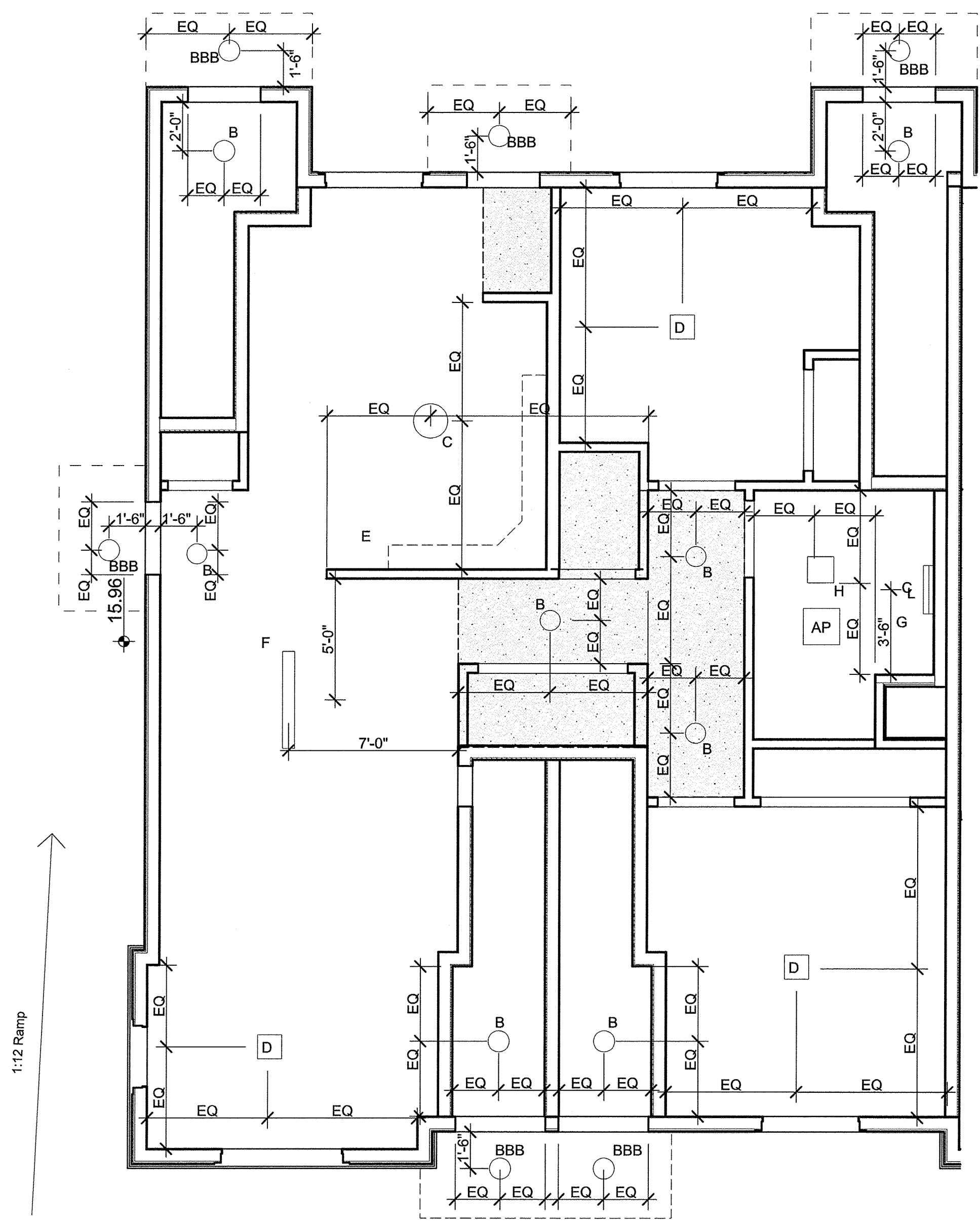
| MARK | DATE | DESCRIPTION |
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| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: KH, SO
CHECKED BY:

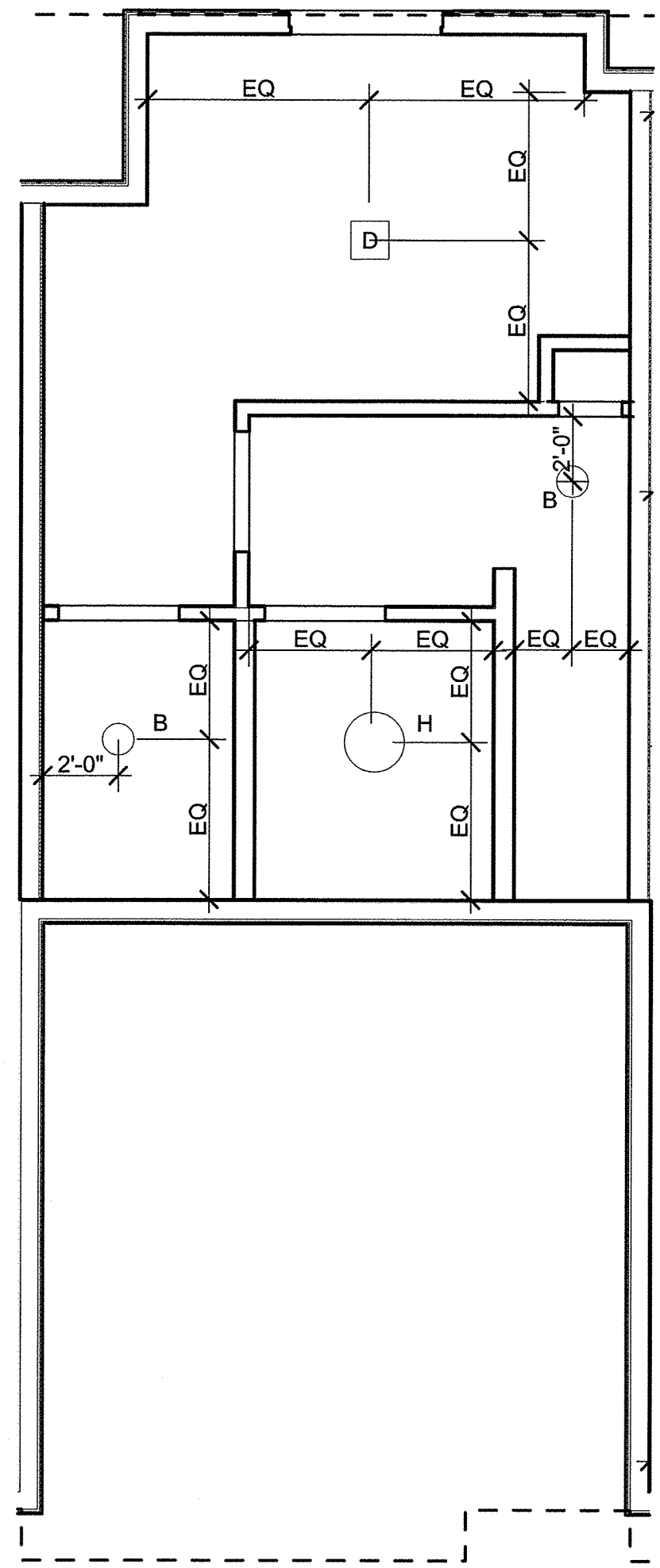
SHEET TITLE

**TYPICAL UNIT
REFLECTED CEILING
PLANS BUILDING A**

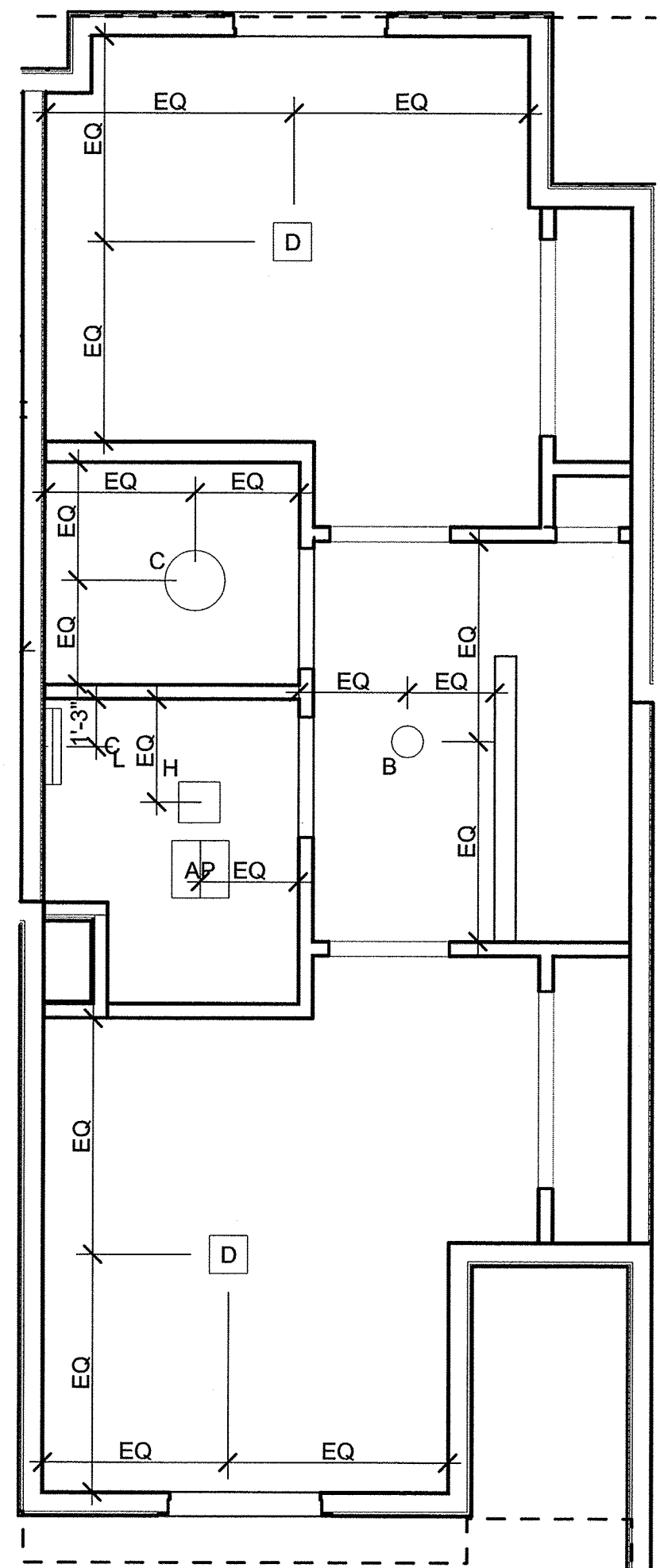
A-503



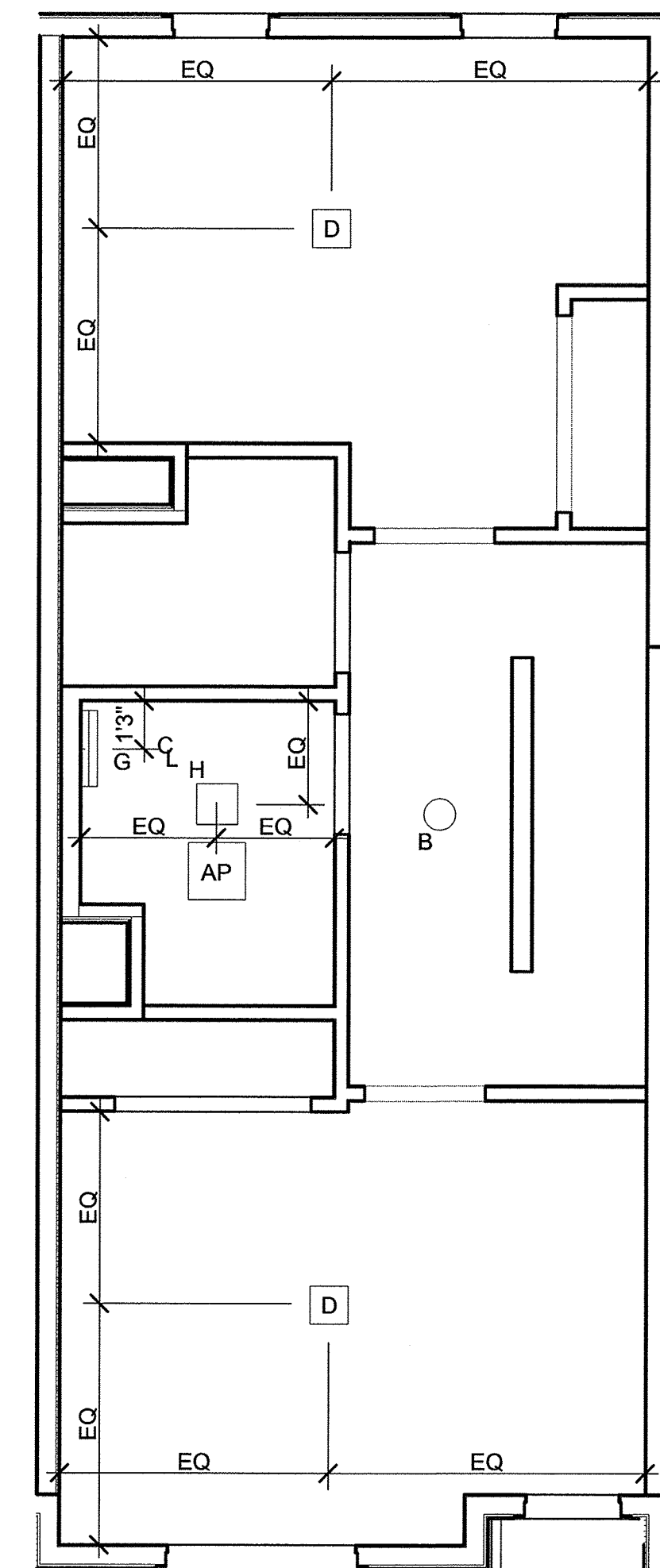
4 FIRST FLOOR FLAT (TYPE A BARRIER-FREE)
SCALE: 1/4" = 1'-0"



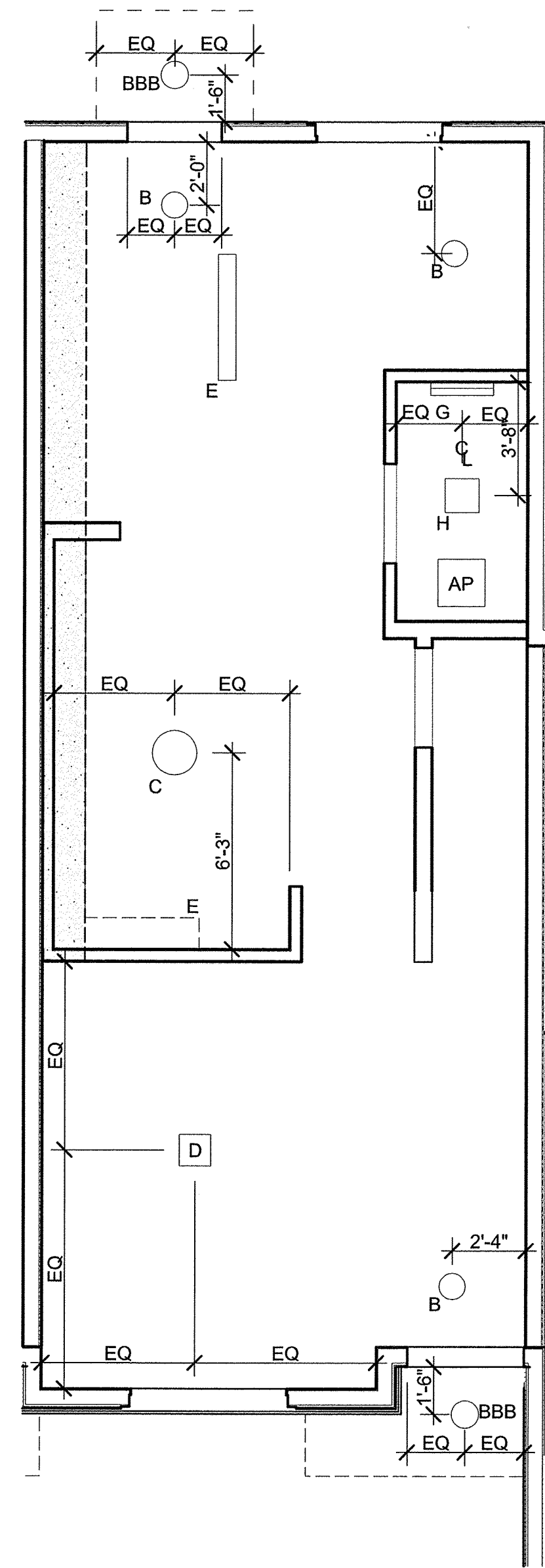
3B 3BR TH THIRD FLOOR
SCALE: 1/4" = 1'-0"
(THREE BEDROOM TOWNHOUSE
TOP FLOOR)



3A 4 BR TH THIRD FLOOR
SCALE: 1/4" = 1'-0"
(FOUR BEDROOM TOWNHOUSE
TOP FLOOR)



2 TH SECOND FLOOR
SCALE: 1/4" = 1'-0"
(THREE & FOUR BEDROOM TOWNHOUSE)



1 TH FIRST FLOOR
SCALE: 1/4" = 1'-0"
(THREE & FOUR BEDROOM TOWNHOUSE)

9/18/2014 3:28 PM

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

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&
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| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: so
CHECKED BY:

SHEET TITLE

TYPICAL UNIT
REFLECTED CEILING
PLANS BUILDING A

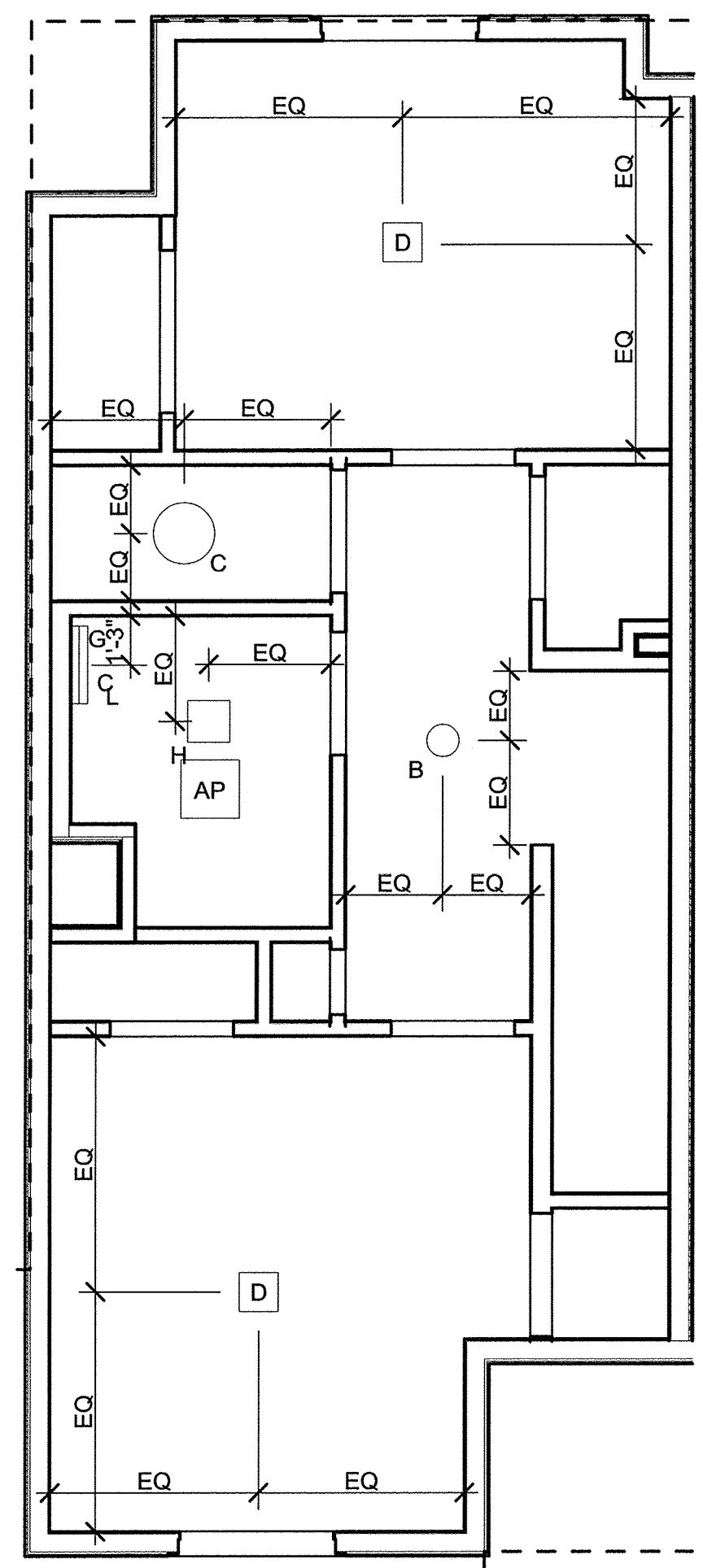
A-504

KEY:

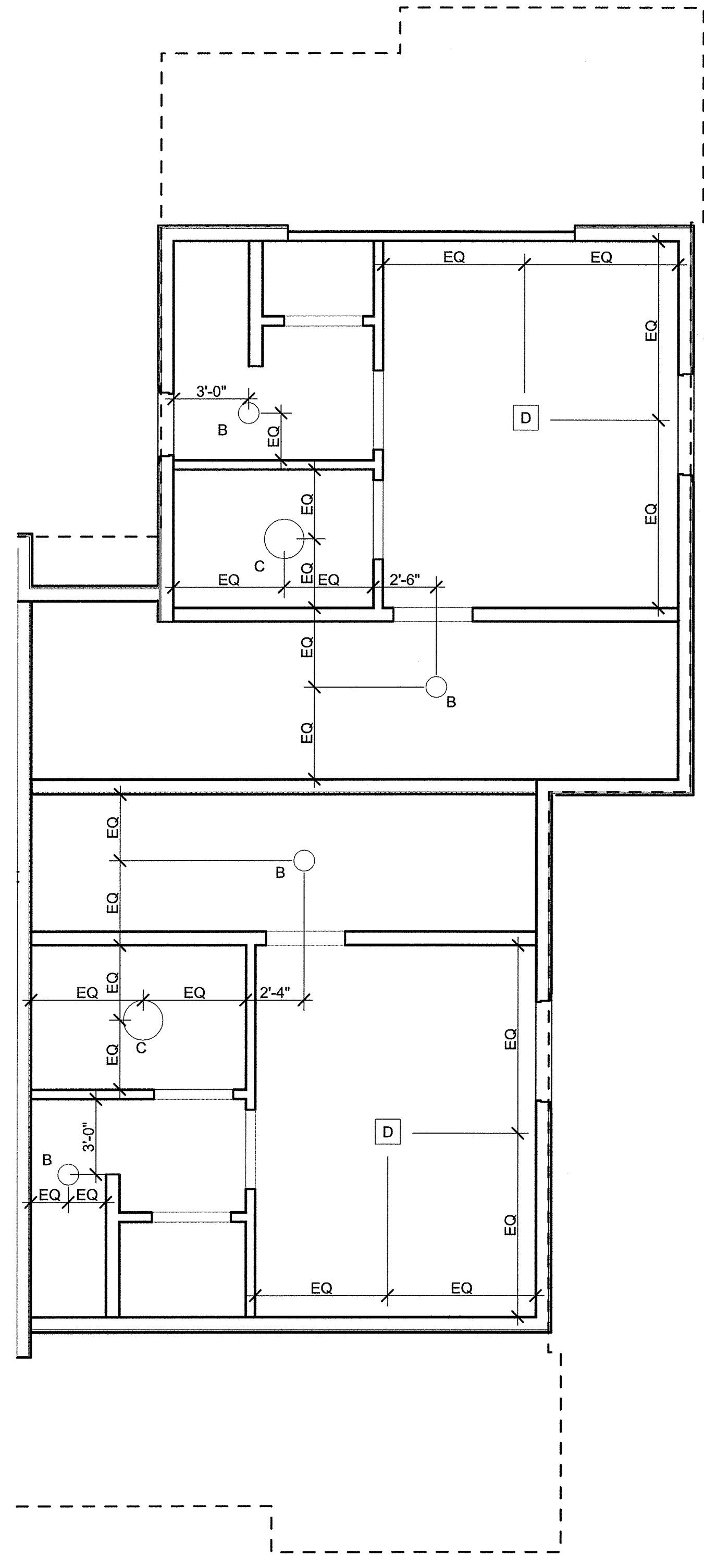
LC UNIT LOAD CENTER

SOFFIT

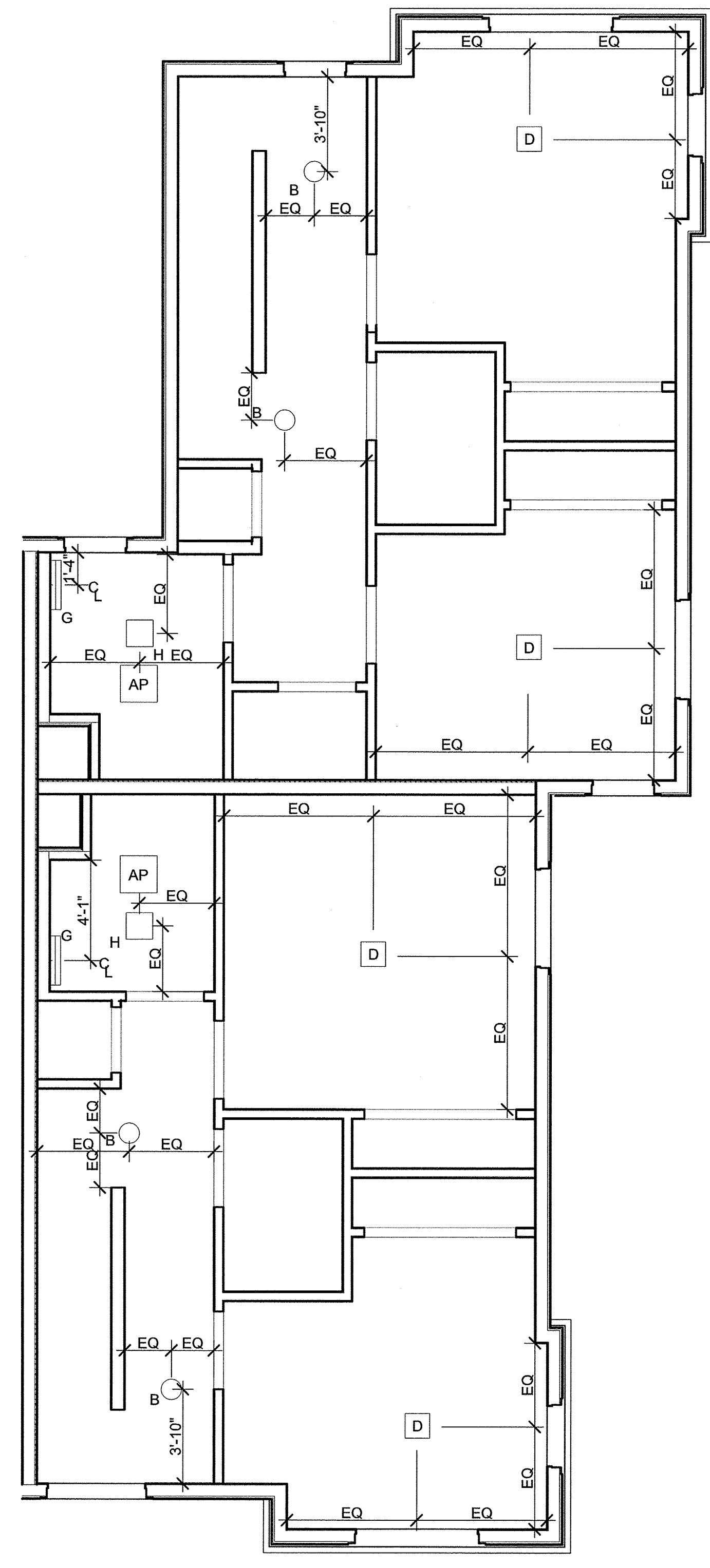
SHUT-OFF ACCESS PANEL



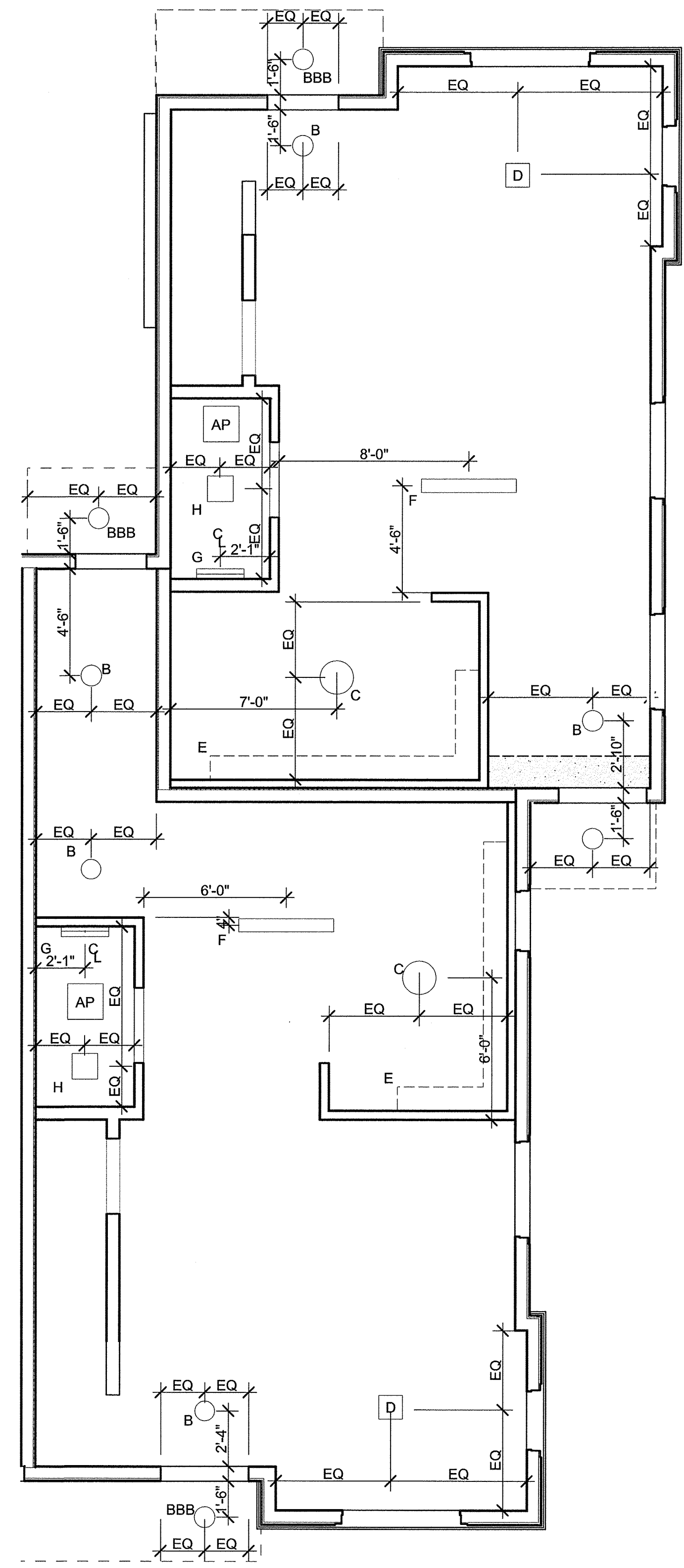
5 DUPLEX THIRD FLOOR
SCALE: 1/4" = 1'-0"



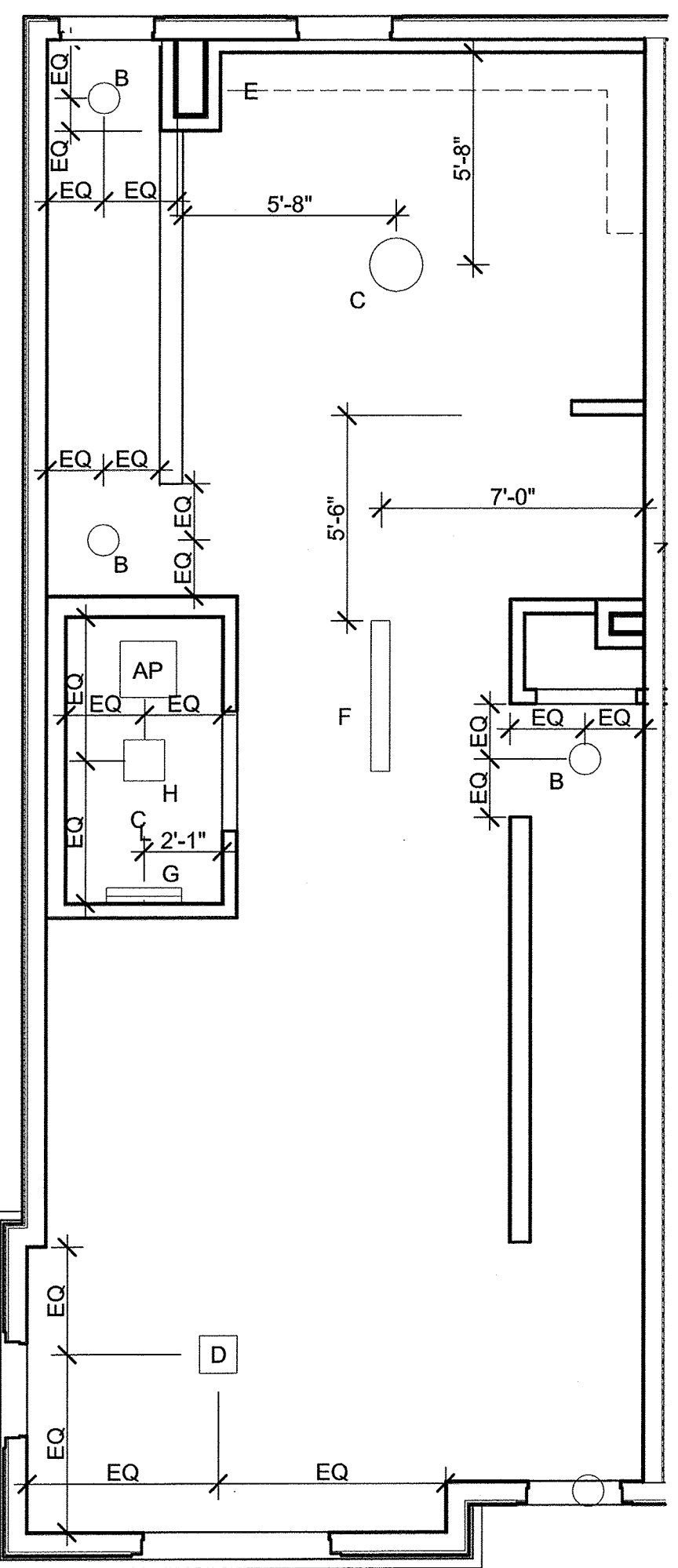
3 TH THIRD FLOOR
SCALE: 1/4" = 1'-0"



2 TH SECOND FLOOR
SCALE: 1/4" = 1'-0"



1 TH FIRST FLOOR
SCALE: 1/4" = 1'-0"



4 DUPLEX SECOND FLOOR
SCALE: 1/4" = 1'-0"

04/02/2014 3:05 PM

Washington Village
Phase 1

13 Day Street
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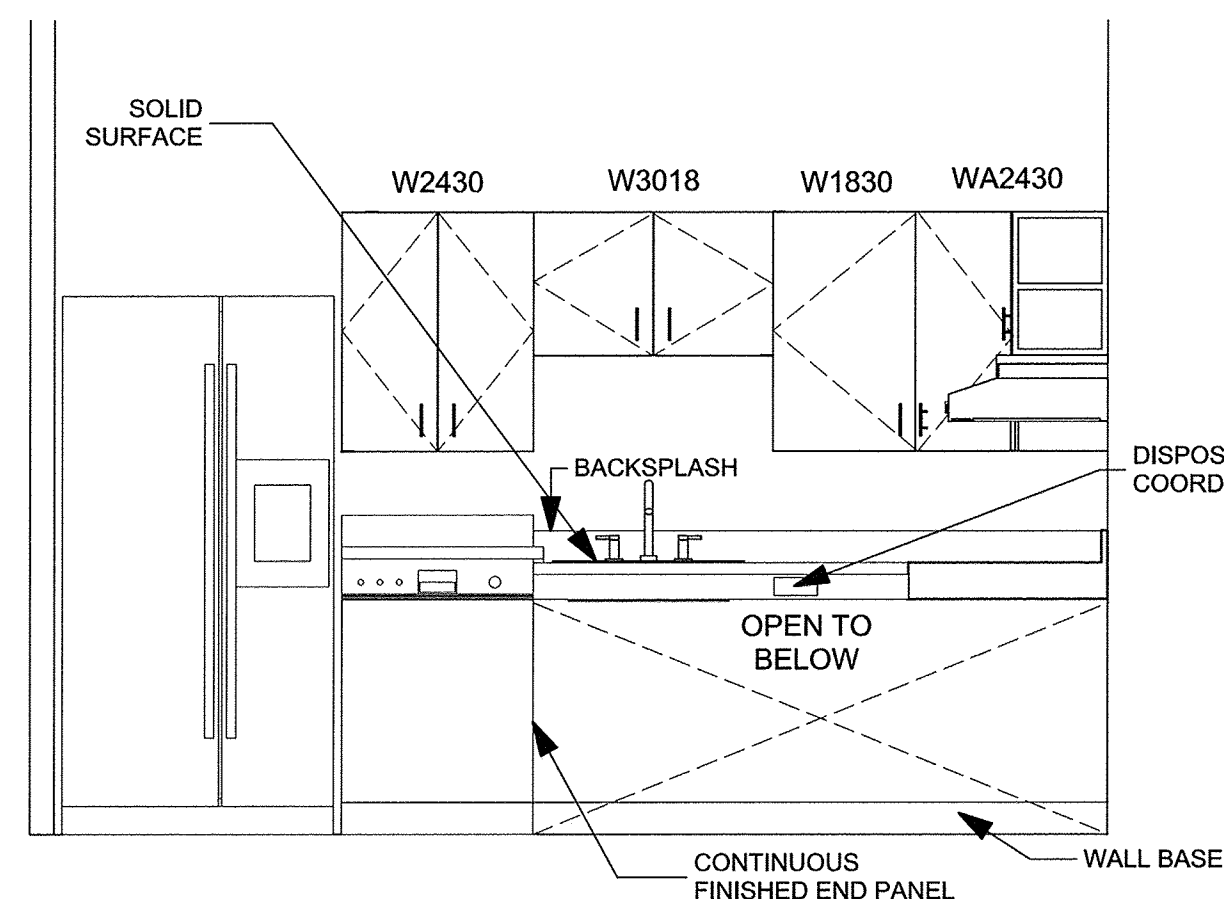
| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222
DRAWN BY: JR/ RA
CHECKED BY: KH/ DW

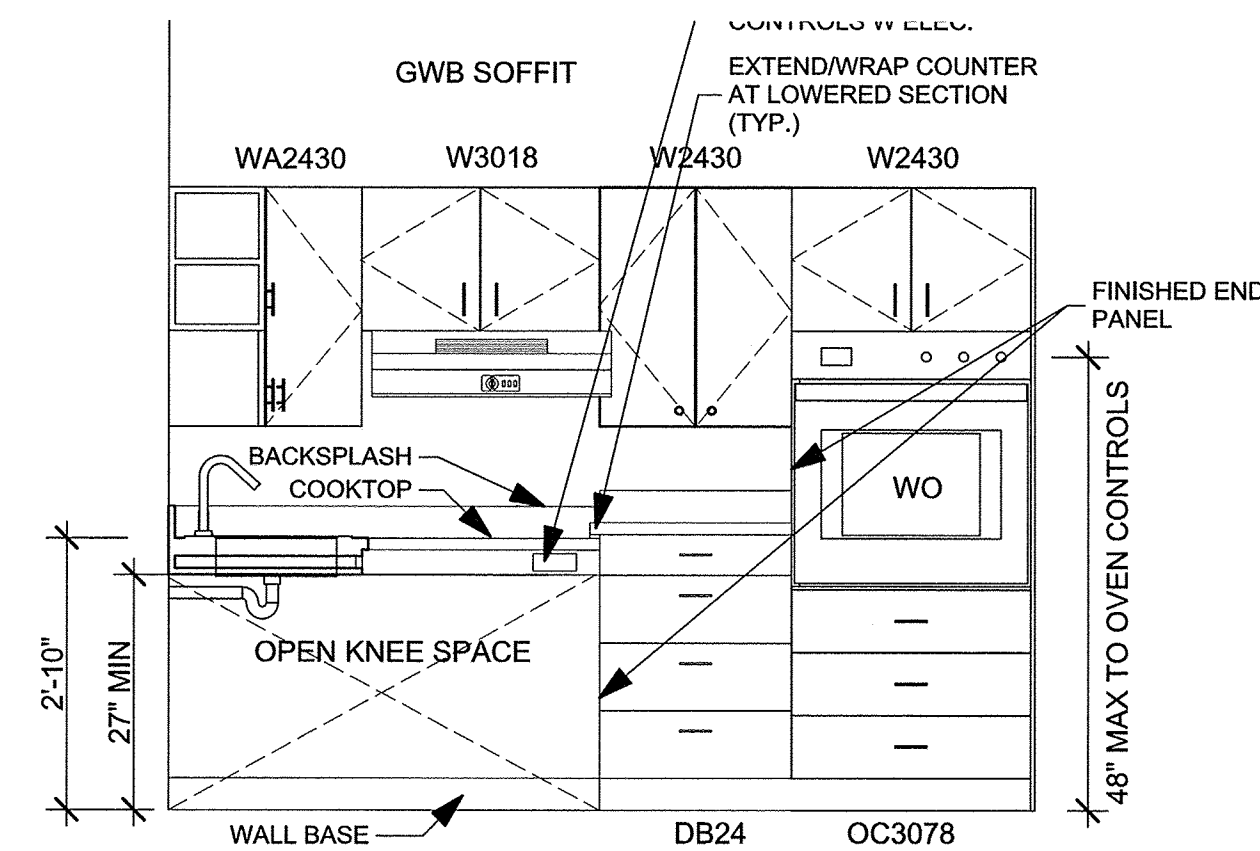
SHEET TITLE

KITCHEN ENLARGED
PLANS & ELEVATIONS

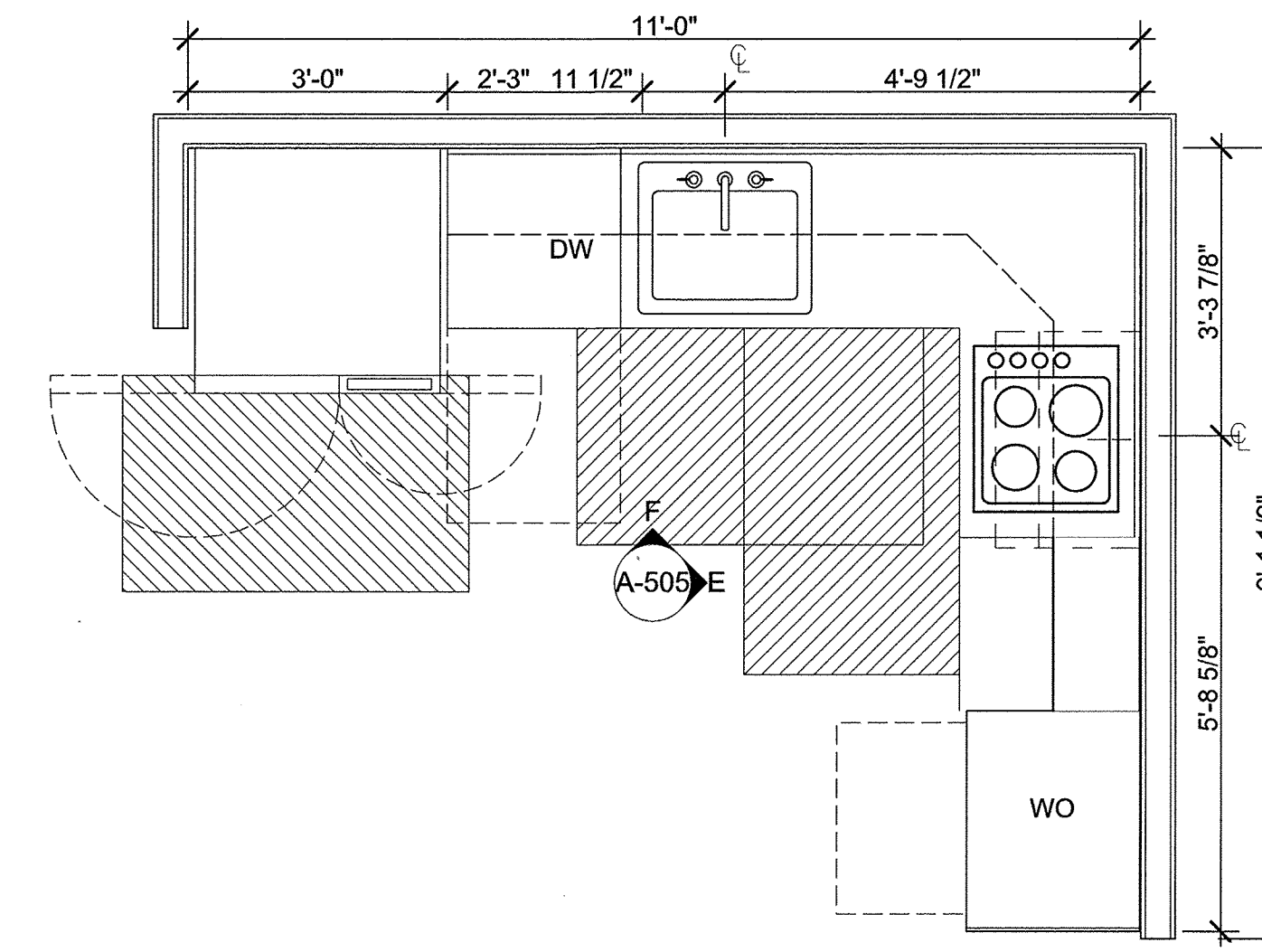
A-505



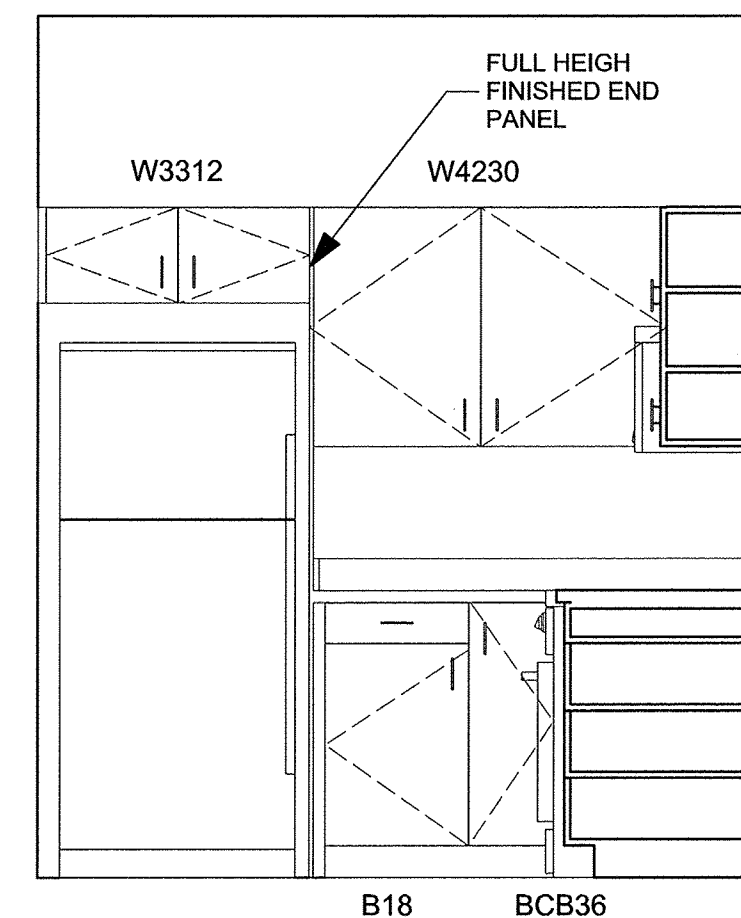
F KITCHEN 3 ELEVATION
SCALE: 1/2" = 1'-0"



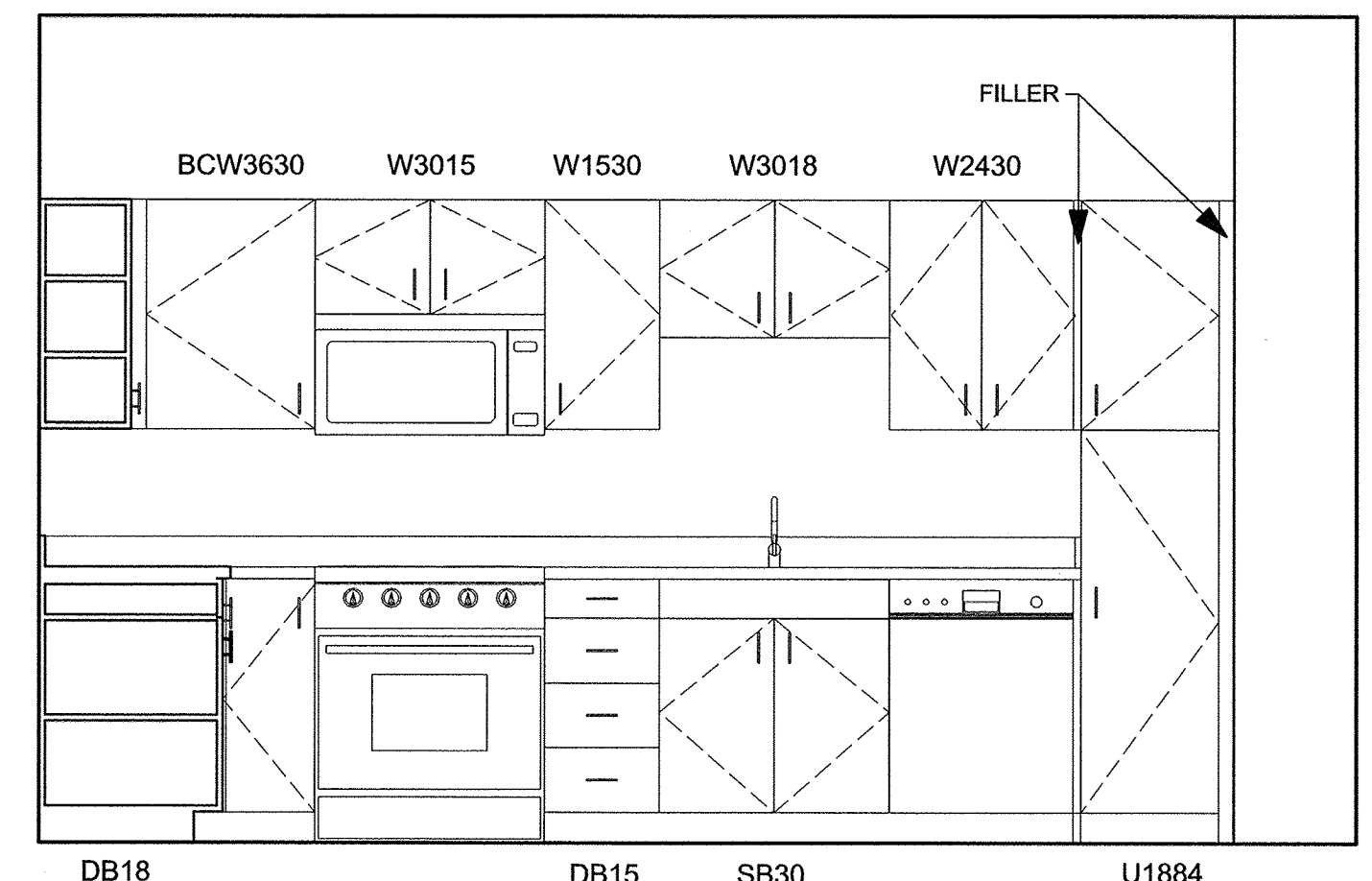
E KITCHEN 3 ELEVATION
SCALE: 1/2" = 1'-0"



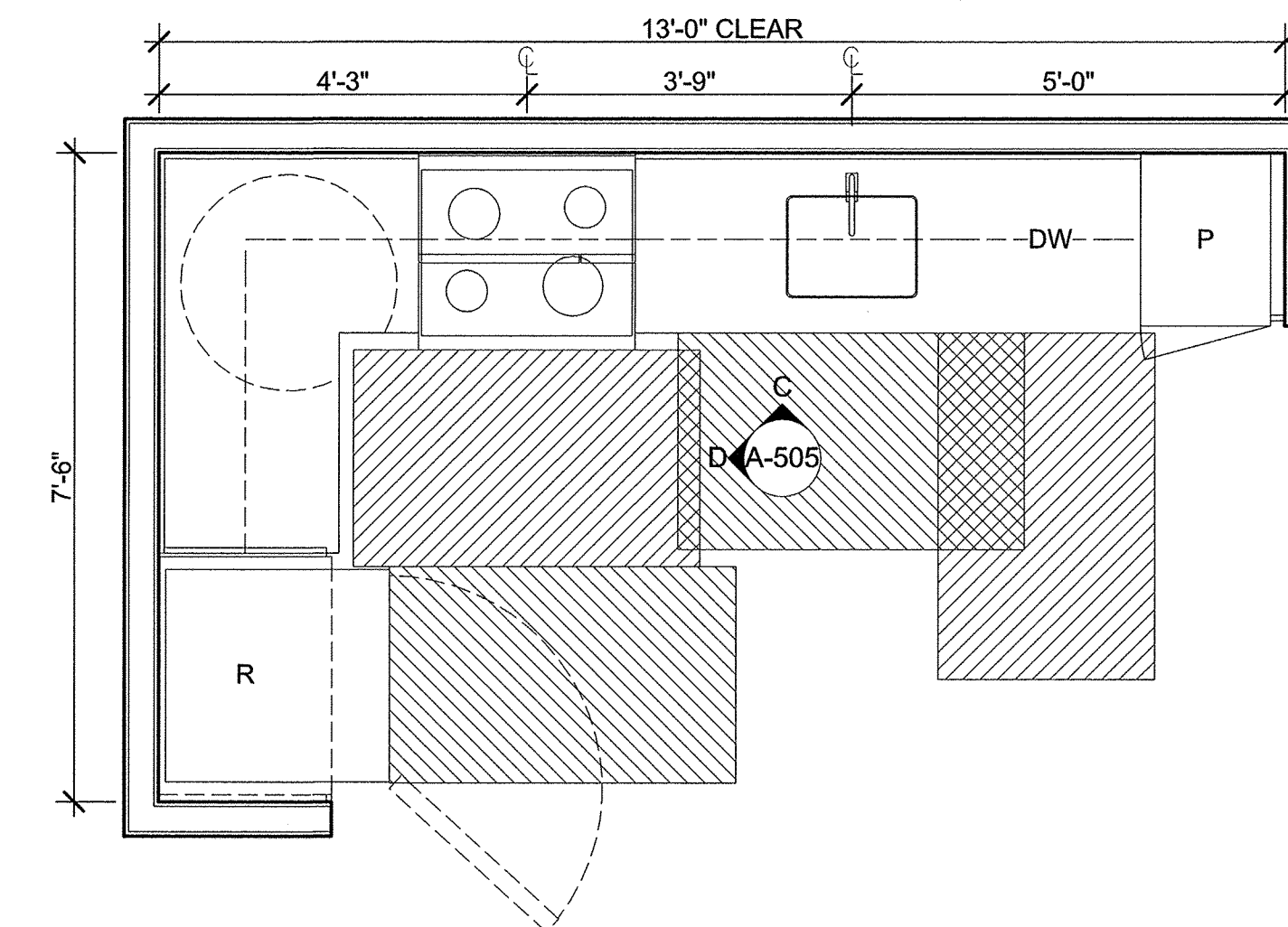
K3 KITCHEN TYPE 3 (TYPE A BARRIER FREE) (ANSI TYPE A)
SCALE: 1/2" = 1'-0"



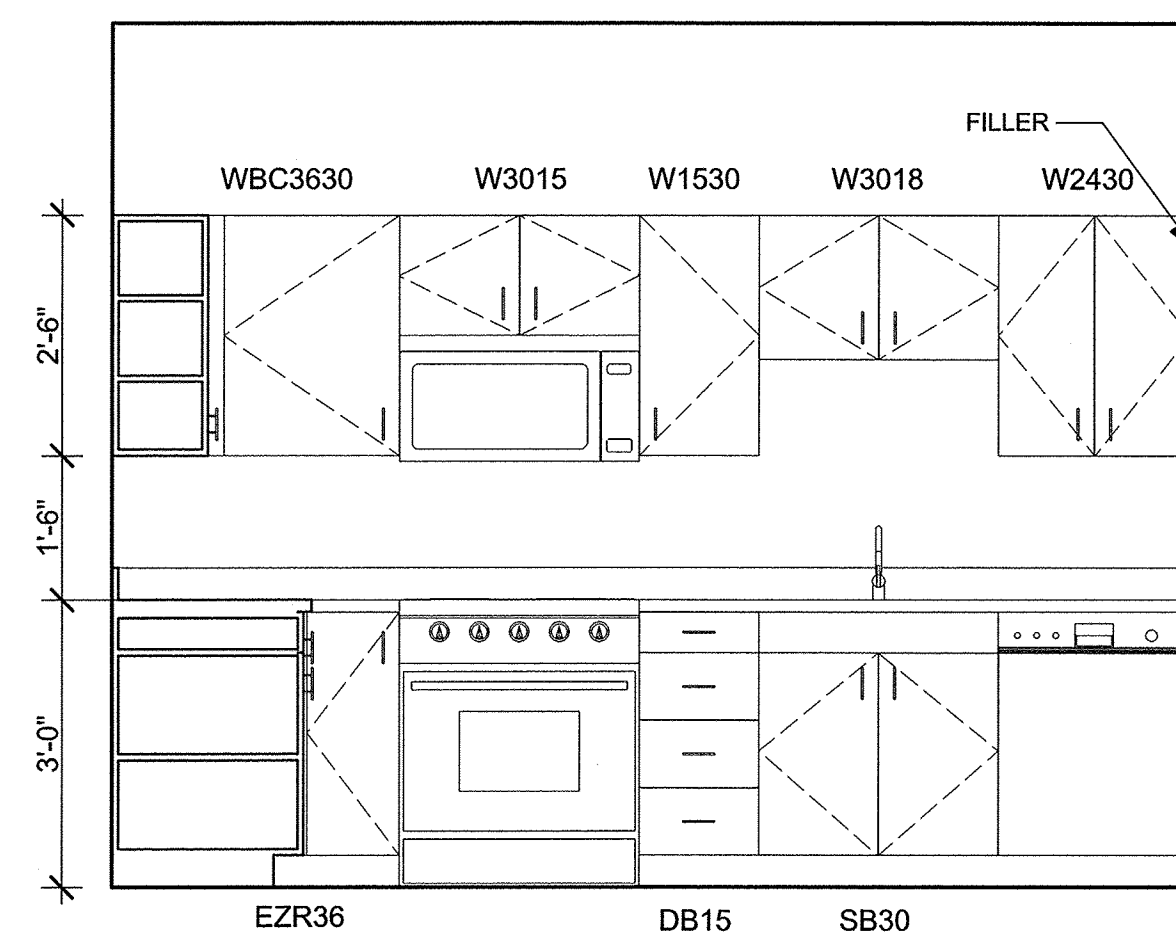
D KITCHEN 2 ELEVATION
SCALE: 1/2" = 1'-0"



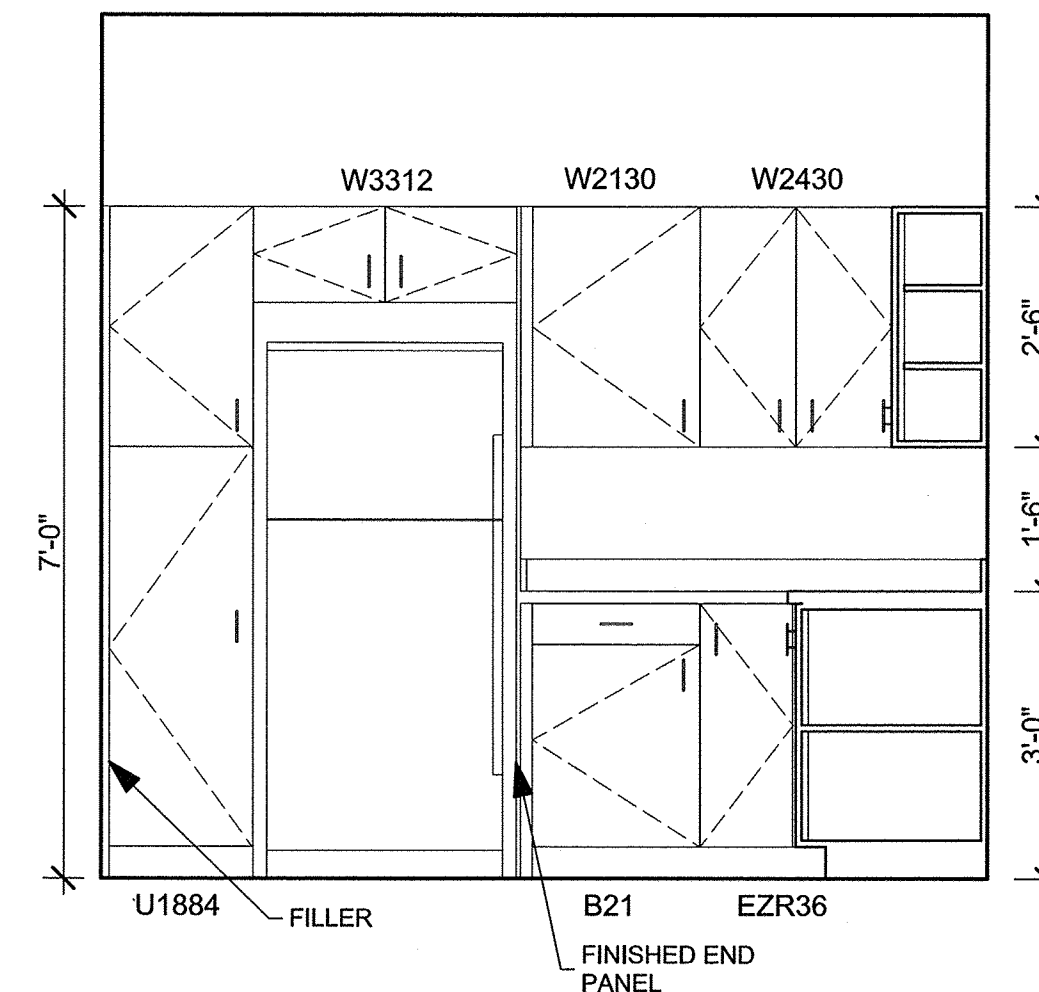
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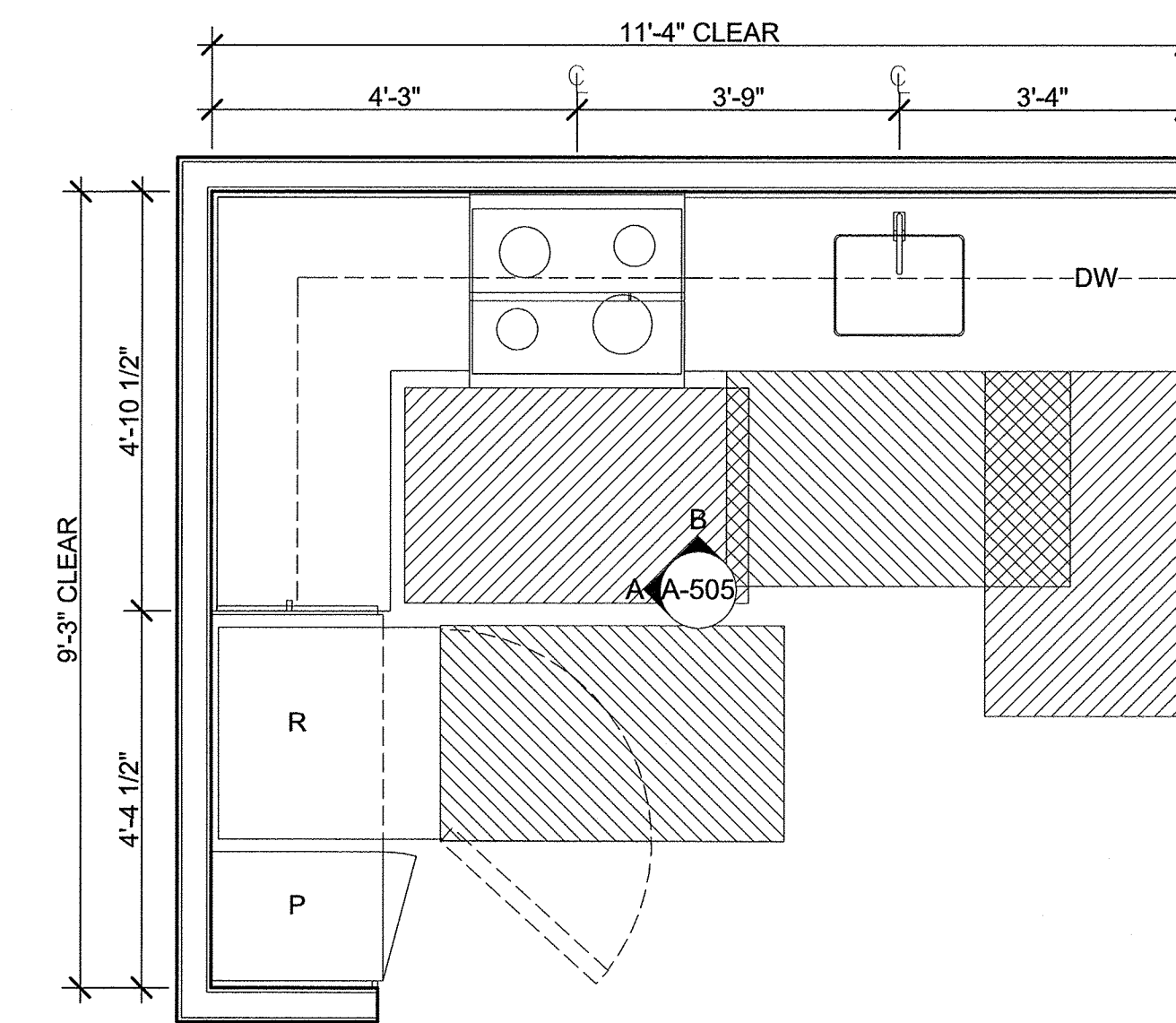
K2 KITCHEN TYPE 2
SCALE: 1/2" = 1'-0"



B KITCHEN 1 ELEVATION
SCALE: 1/2" = 1'-0"



A KITCHEN 1 ELEVATION
SCALE: 1/2" = 1'-0"



K1 KITCHEN TYPE 1
SCALE: 1/2" = 1'-0"

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KITCHEN GENERAL NOTES:

1. BLOCKING REQUIRED AT ALL UPPER WALL CABINET LOCATIONS.
2. ALL EXPOSED CABINETS SHALL HAVE FINISHED END PANELS.
3. COUNTERTOPS OVERHANG 2'-0" DEEP BASE CABINETS BY 1", TYP.
4. TYPICAL DIMENSIONS ARE PROVIDED FOR IDENTIFYING CABINET SIZES AND QUANTITIES PRIOR TO CONSTRUCTION. FIELD VERIFY ALL DIMENSIONS PRIOR TO ORDERING CABINETS. FIELD MEASURE ALL COUNTERTOPS PRIOR TO FABRICATION.
5. IF COUNTERTOP SPANS EXCEEDS 5'-0", PROVIDE INTERMEDIATE BRACKET SUPPORTS. ALL SUPPORTS SHALL BE SECURED TO 2X4 FRAME.
6. PROVIDE REINFORCING INSIDE BASE CABINETS IMMEDIATELY ADJACENT TO ADJUSTABLE COUNTERTOP, TYP.
7. EXTEND FINISH FLOORING UNDER CABINETS AND APPLIANCES.
8. PROVIDE TILE BASE AT GWB PARTITIONS BEHIND APPLIANCES.
9. PROVIDE COUNTERTOPS THROUGHOUT WITH 4" BACKSPLASH AND SIDESPLASH OF LIKE MATERIAL.
10. REFER TO SPECIFICATION SECTION 11452 FOR APPLIANCE SCHEDULE.
11. REFER TO ELECTRICAL DRAWINGS FOR DEVICE MOUNTING HEIGHTS.

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

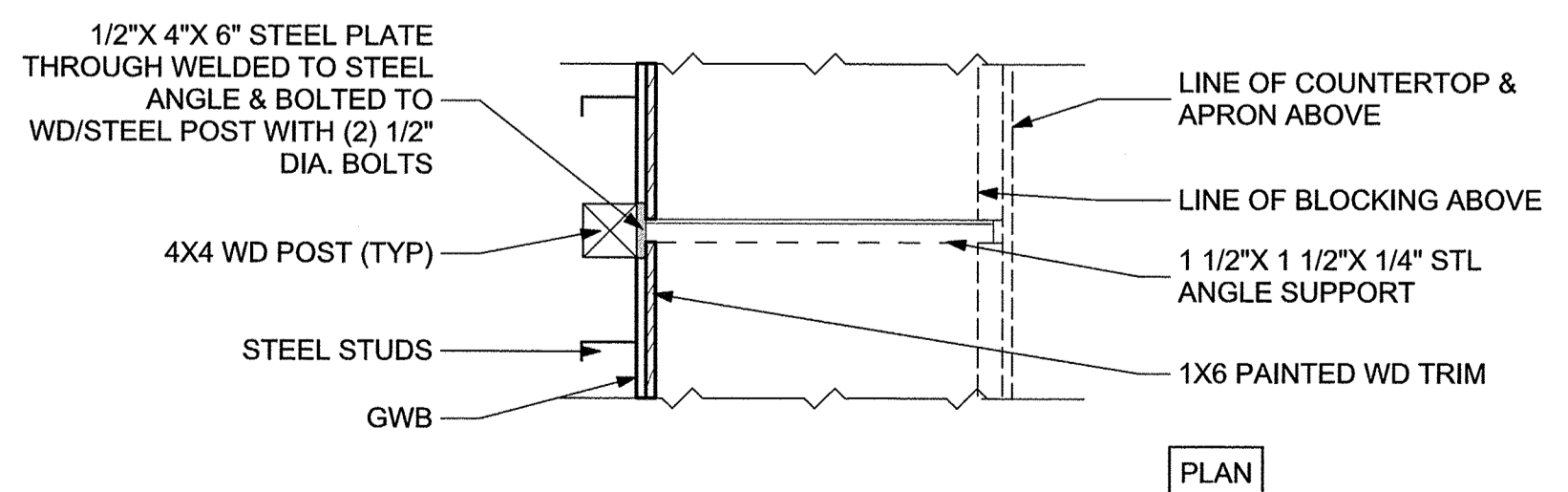
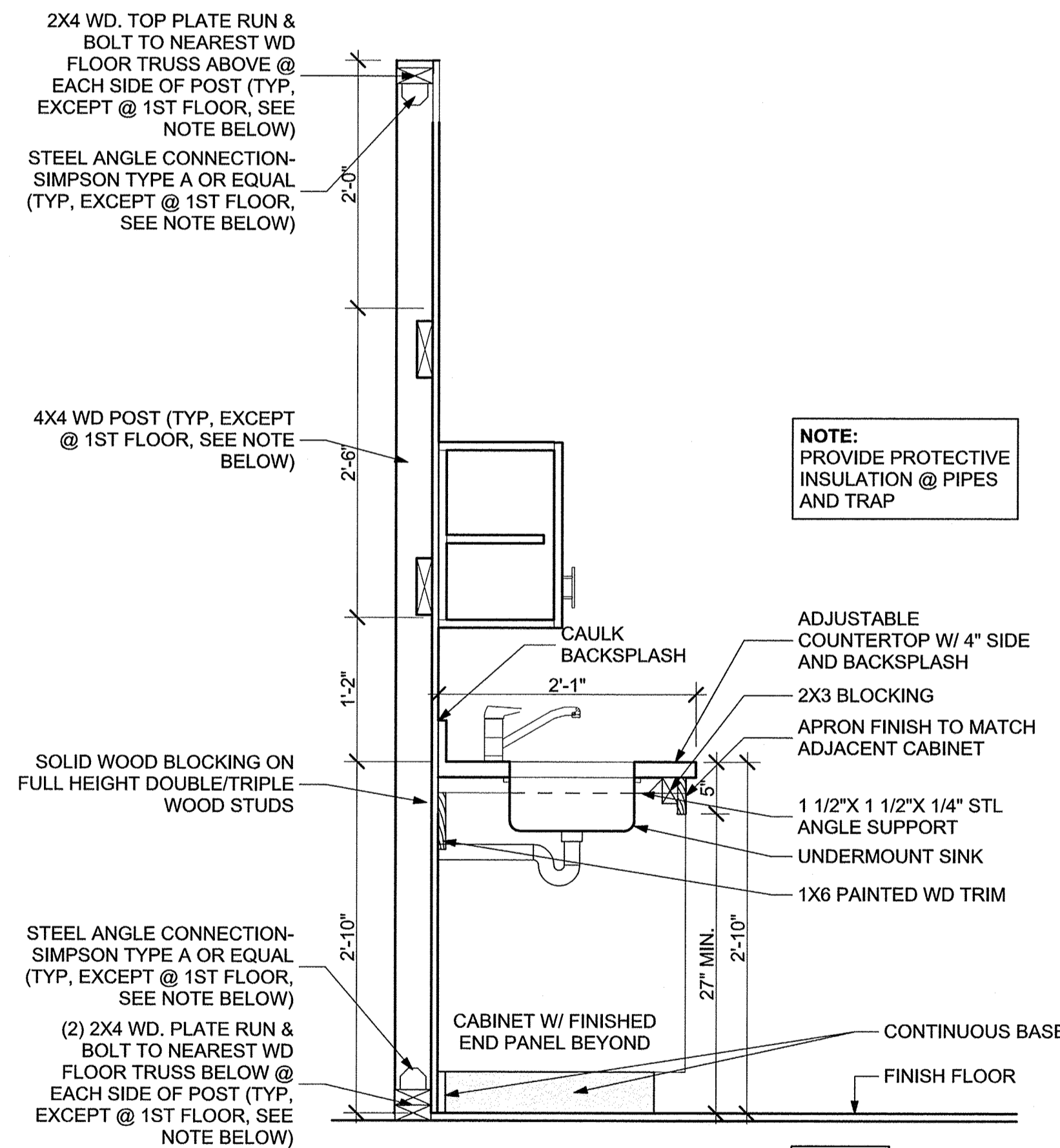
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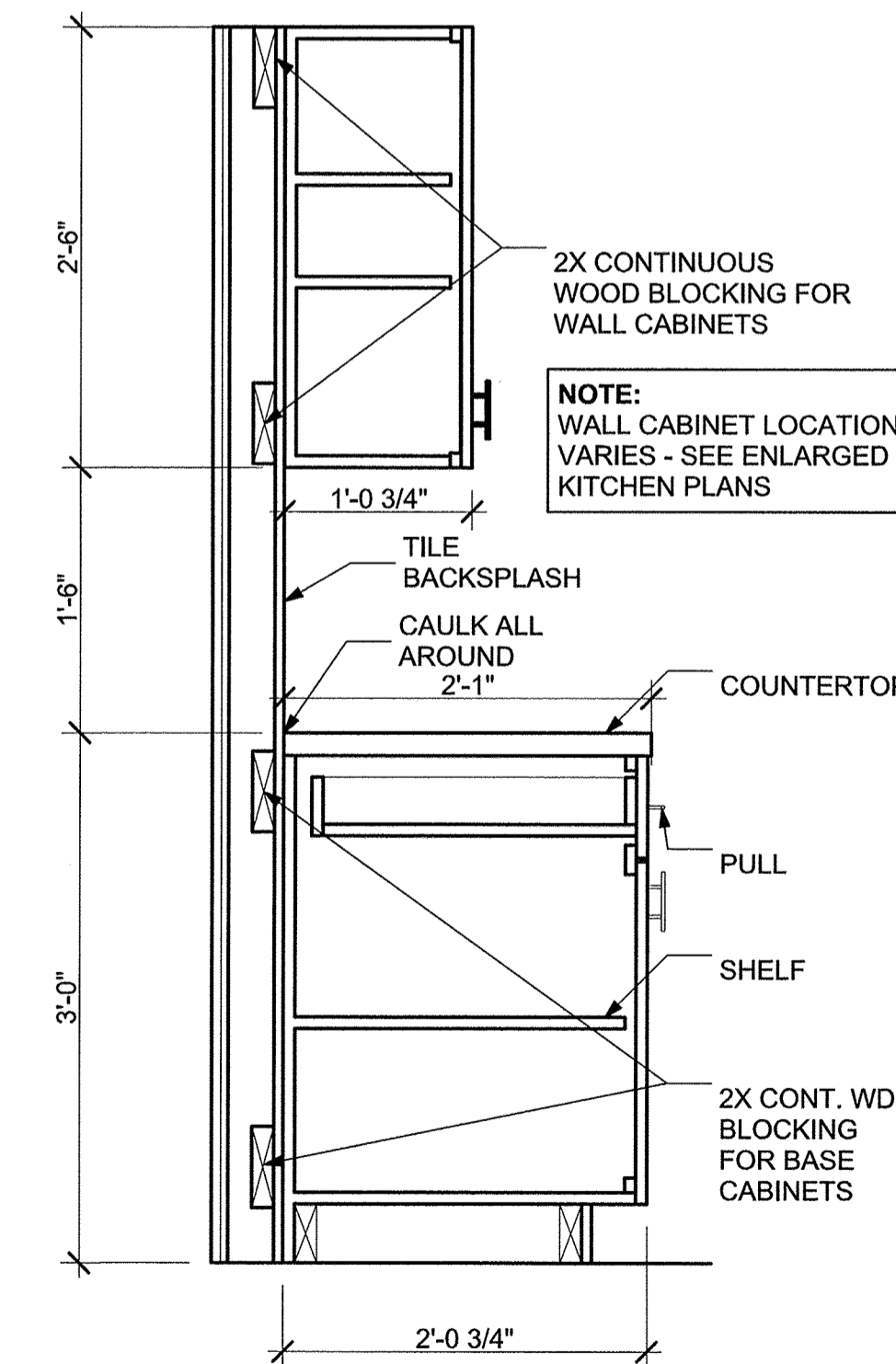
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2 TYPICAL DETAIL AT TYPE A KITCHEN
SCALE: 1" = 1'-0"



1 TYPICAL DETAIL AT TYPE B KITCHEN
SCALE: 1" = 1'-0"

| MARK | DATE | DESCRIPTION |
|--------------|------------|---------------------|
| | 09-15-2014 | PERMIT/ PRICING |
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| | 09-19-2013 | CAM/ SPECIAL PERMIT |
| PROJECT NO.: | | 21222 |
| DRAWN BY: | | JR/ RA |
| CHECKED BY: | | KH/ DW |

SHEET TITLE

KITCHEN DETAILS

A-506

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13 Day Street
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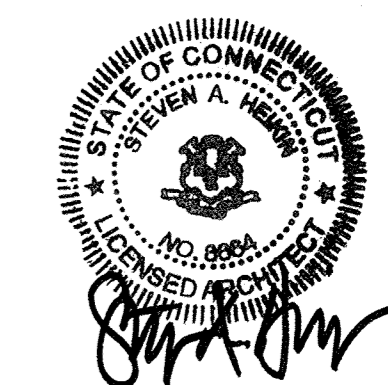
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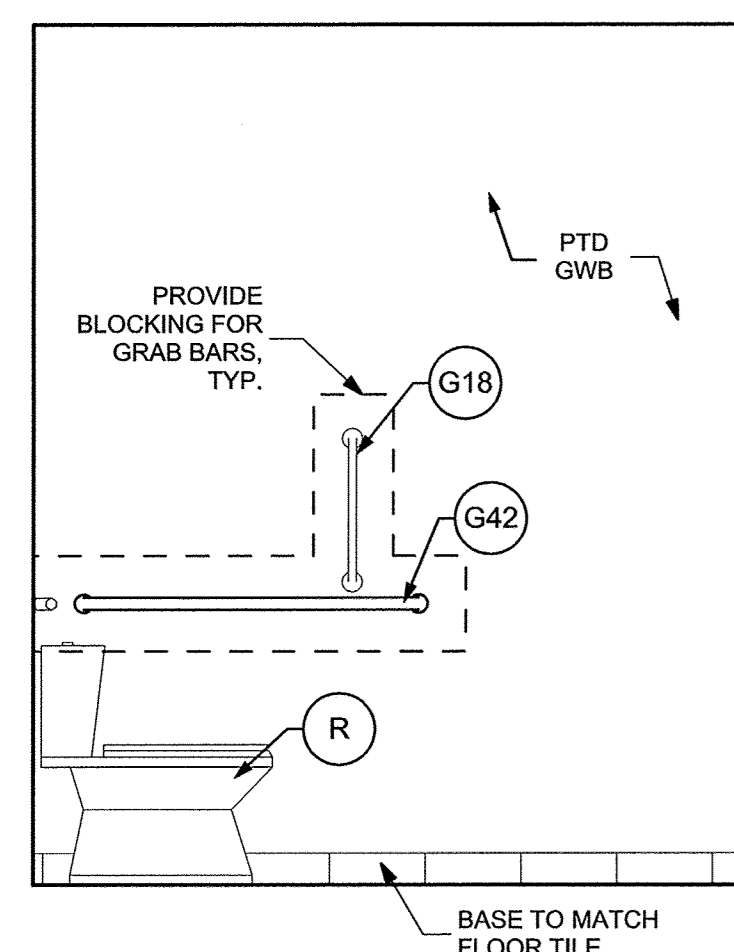
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PROJECT NO.: 21222
DRAWN BY: JR/ RA
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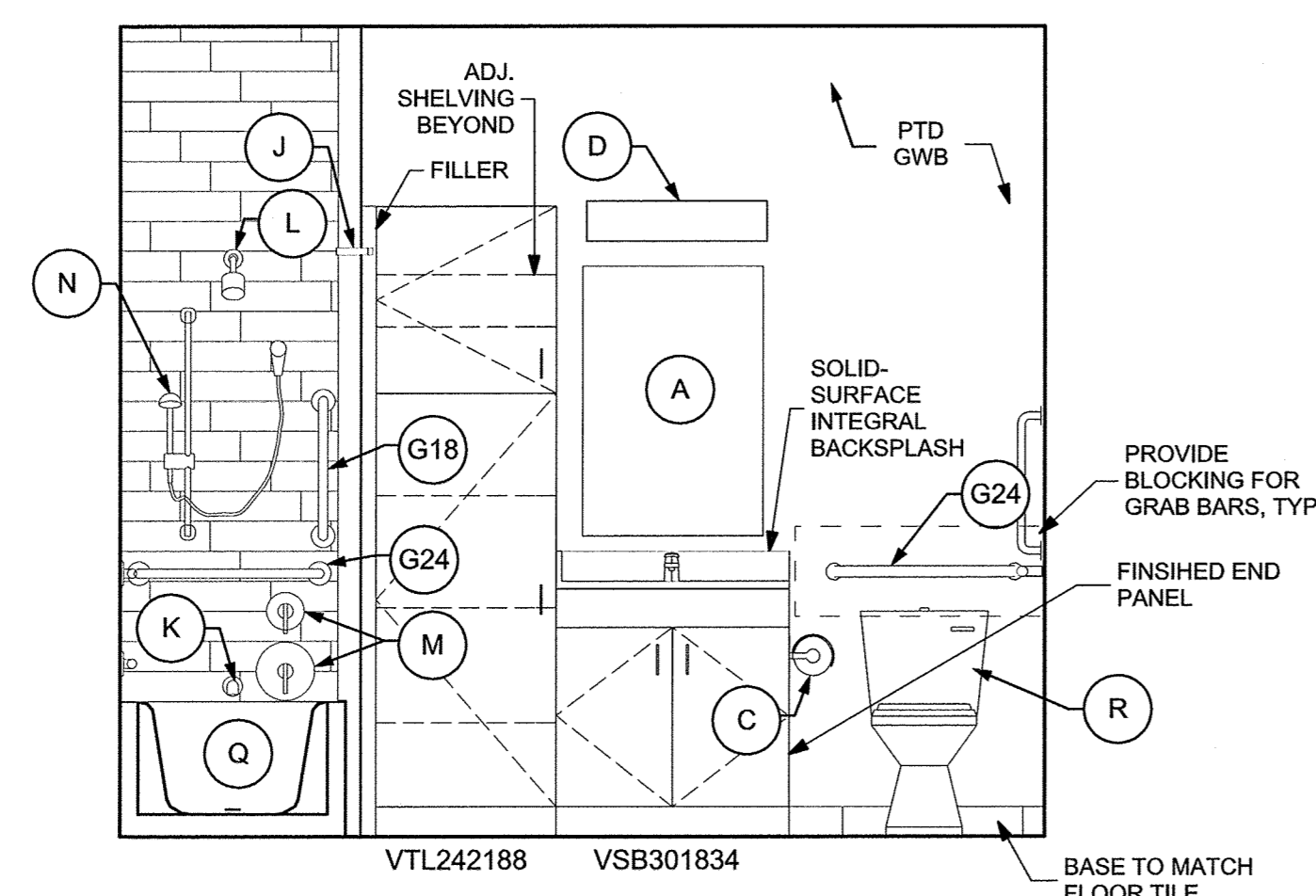
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BATH ENLARGED
PLANS & ELEVATIONS

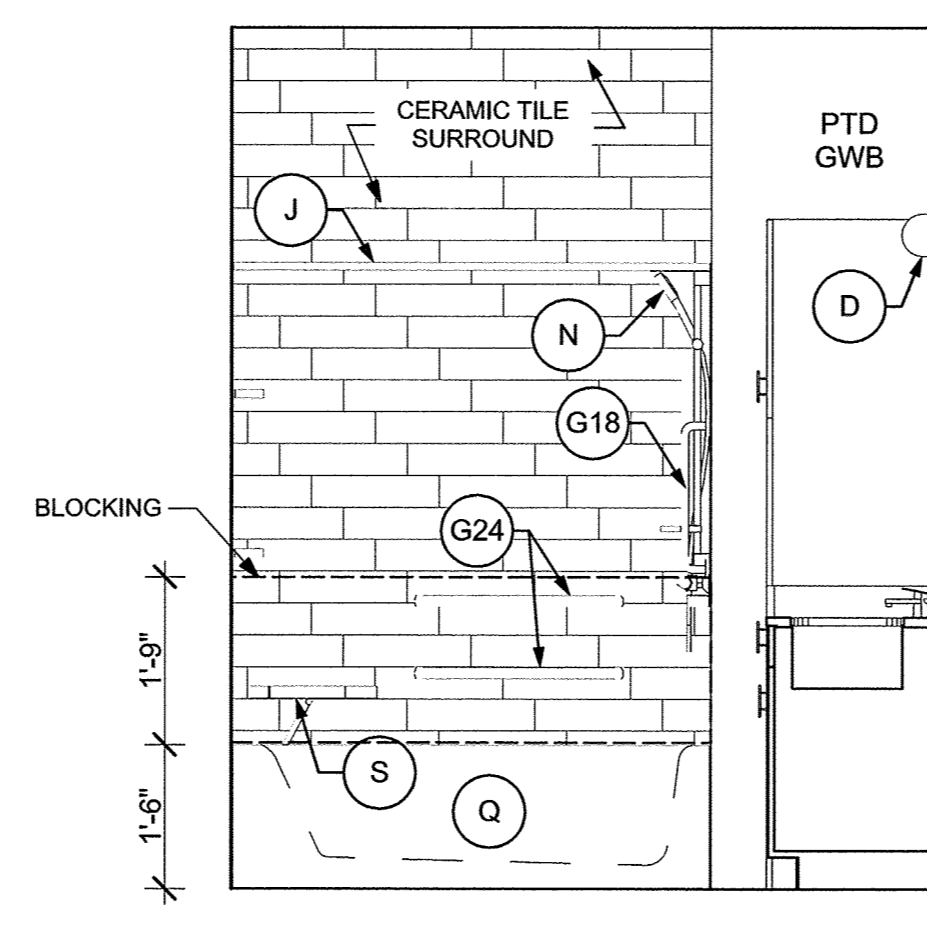
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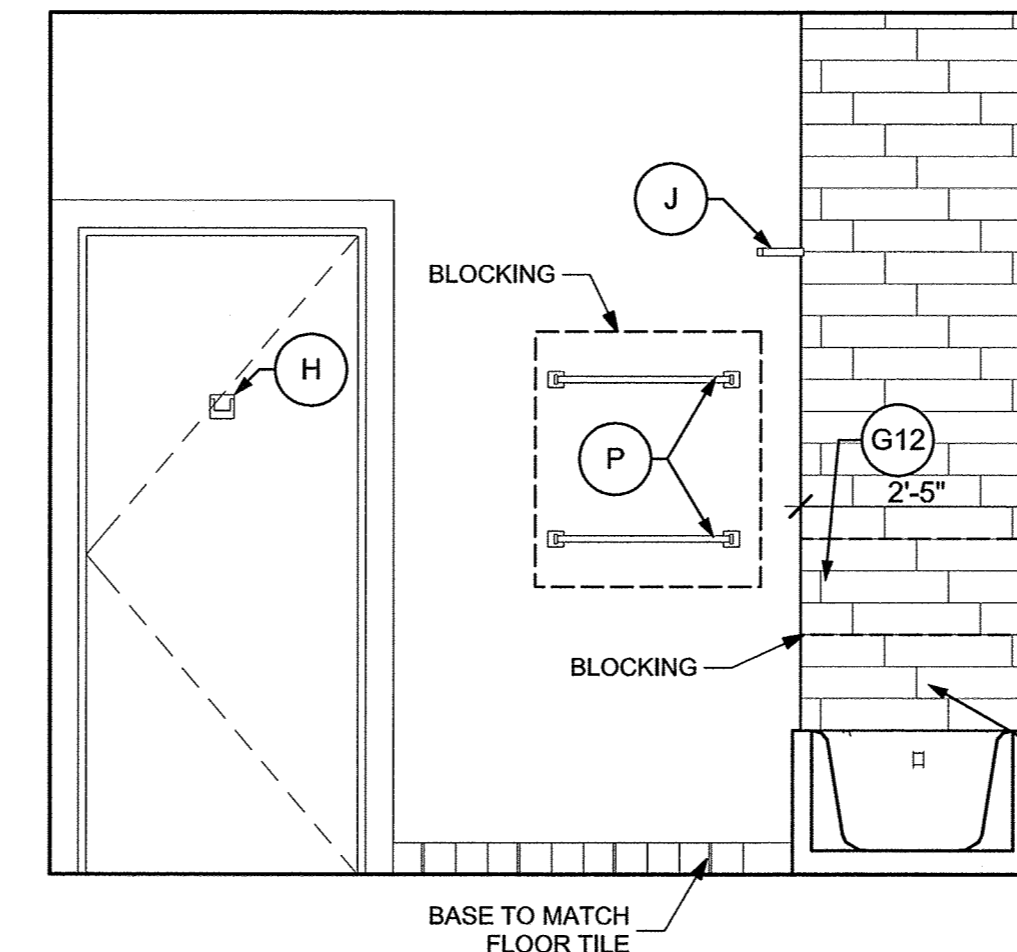
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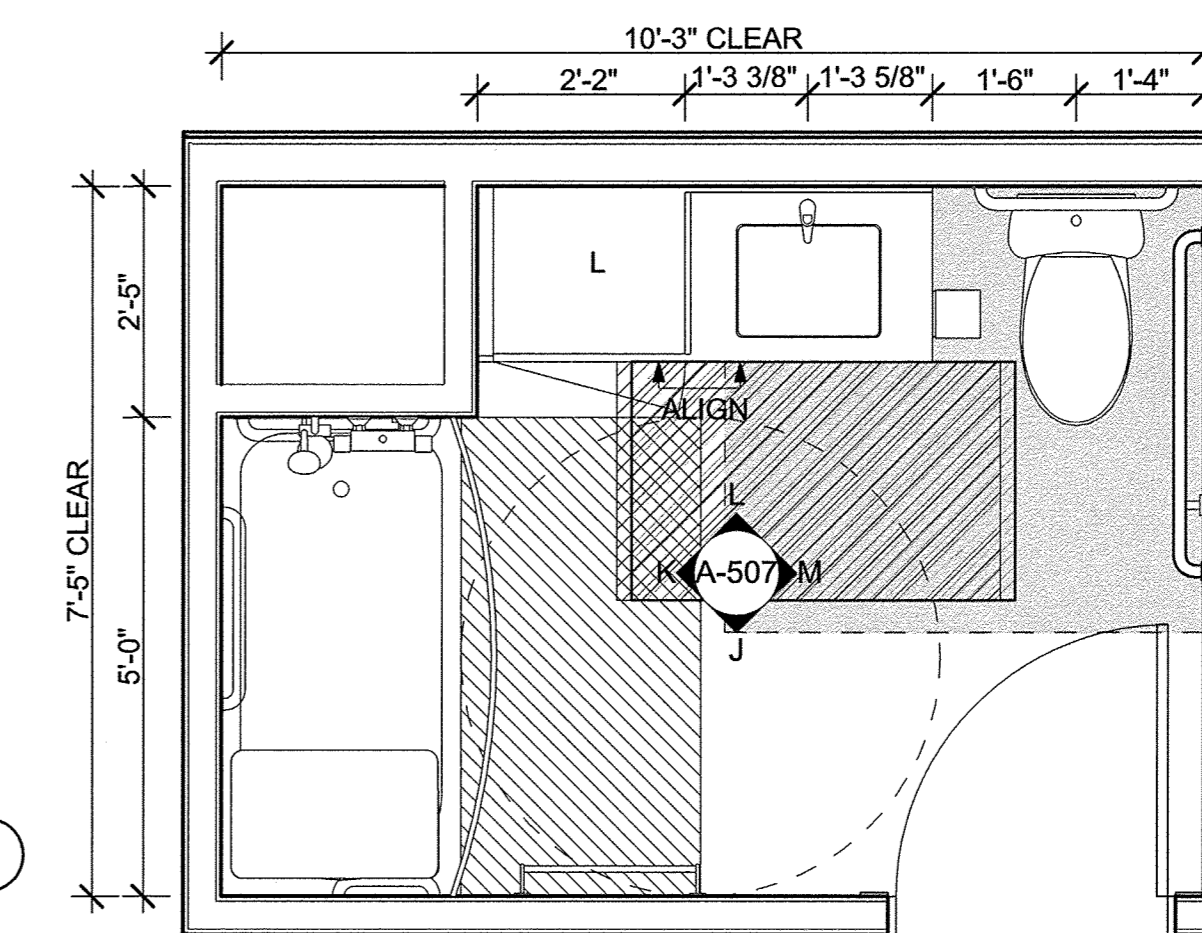
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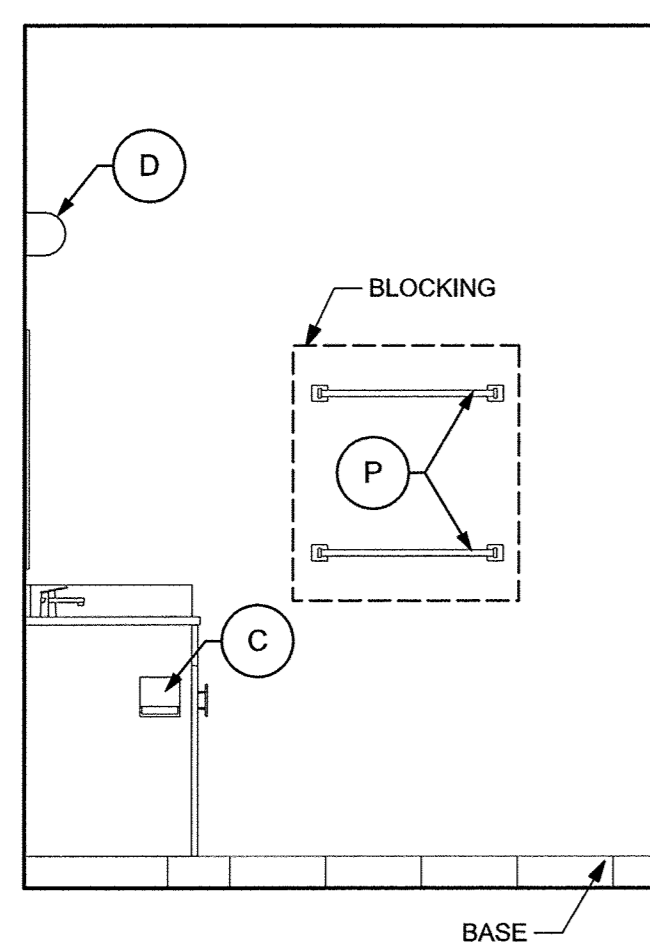
K B3 ELEVATION
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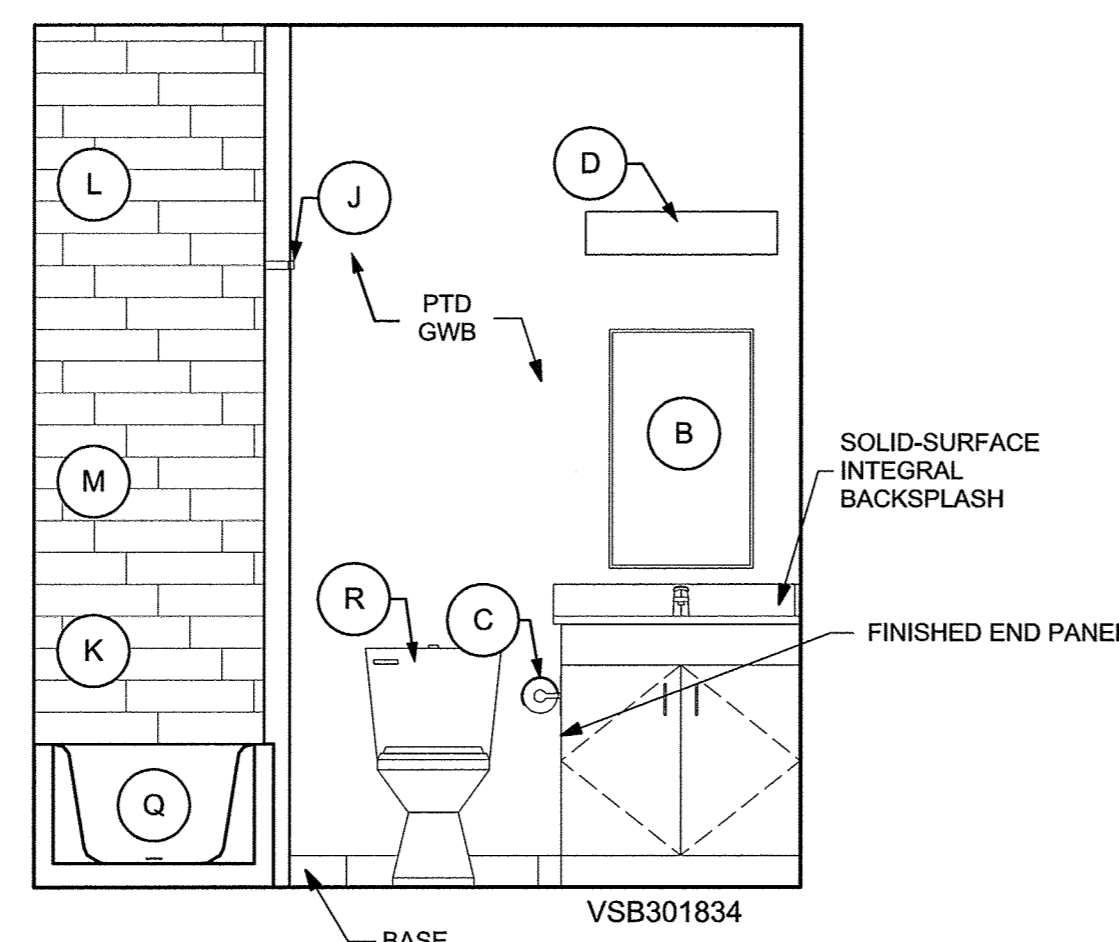
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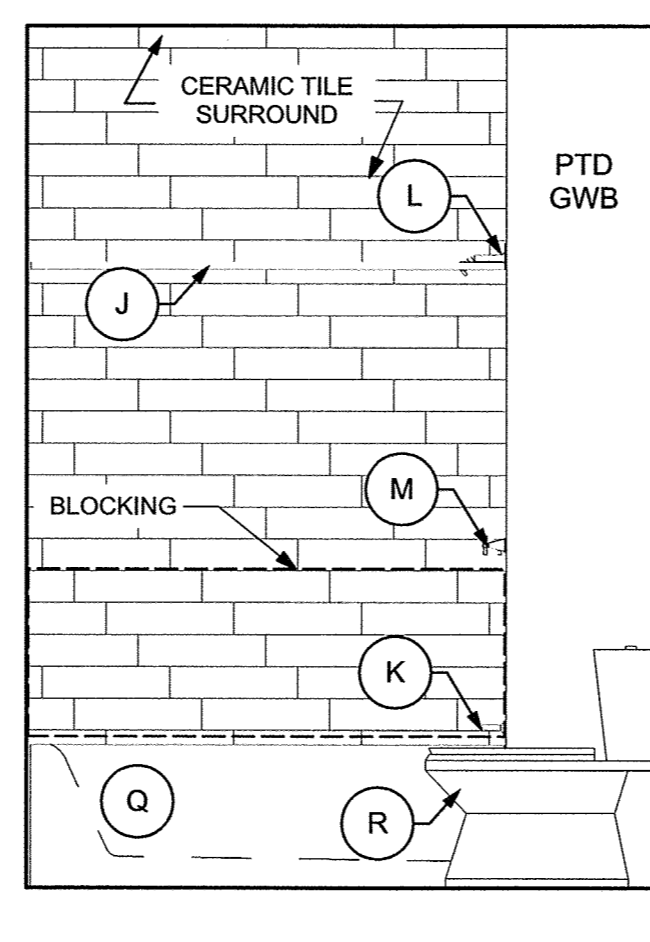
B3 BATH TYPE 3 (TYPE A)
SCALE: 1/2" = 1'-0"



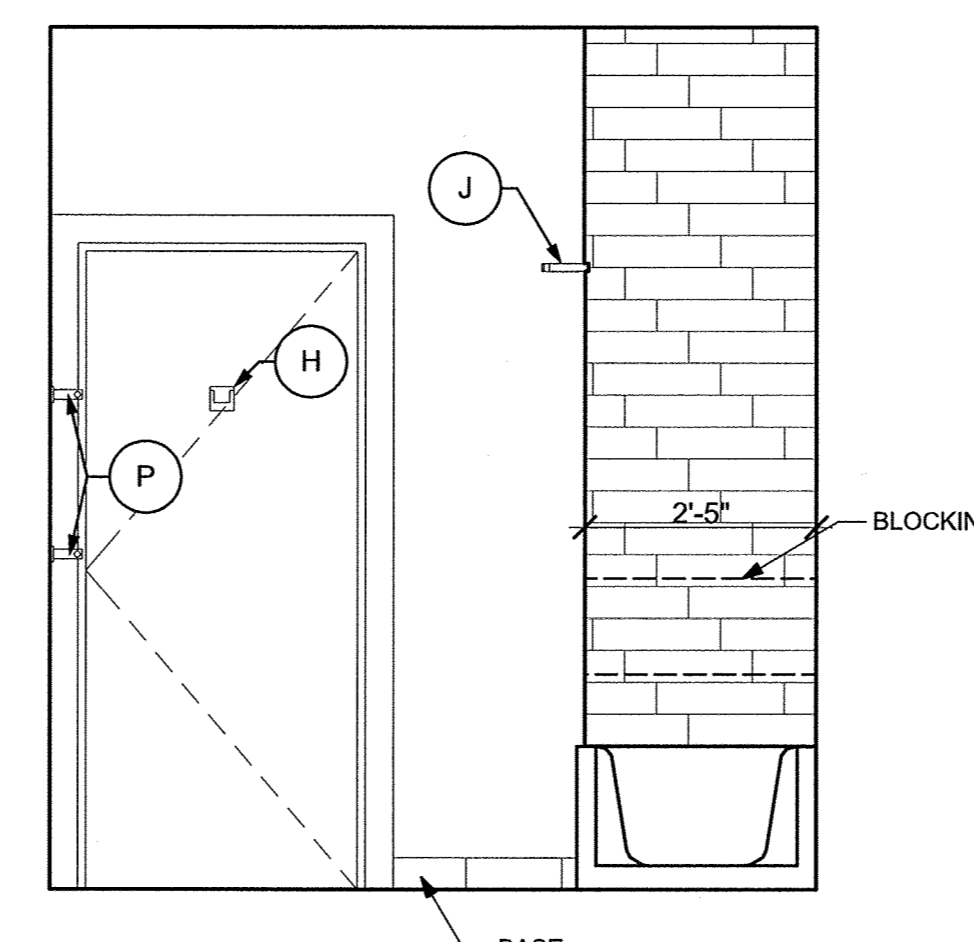
H B2 ELEVATION
SCALE: 1/2" = 1'-0"



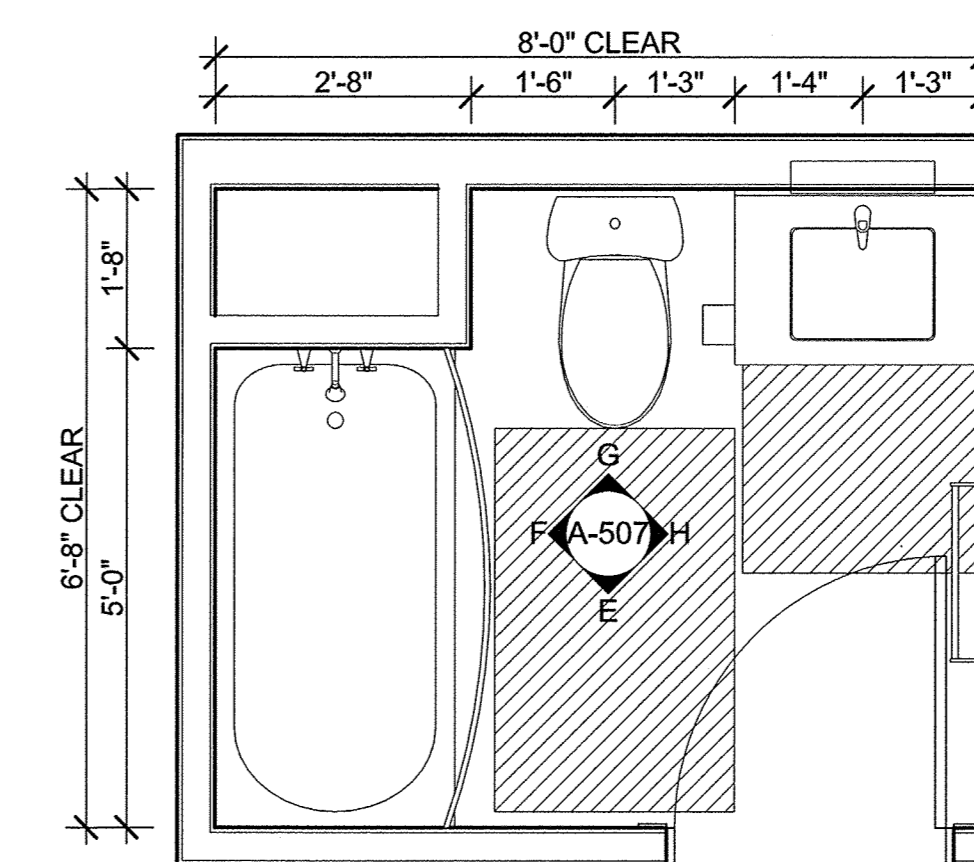
G B2 ELEVATION
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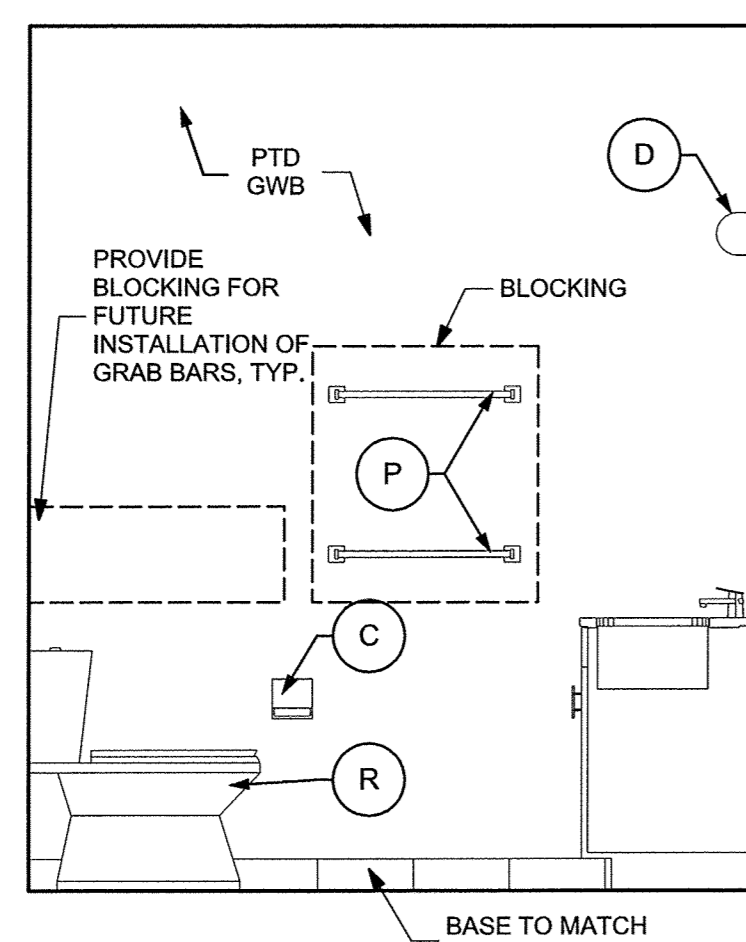
F B2 ELEVATION
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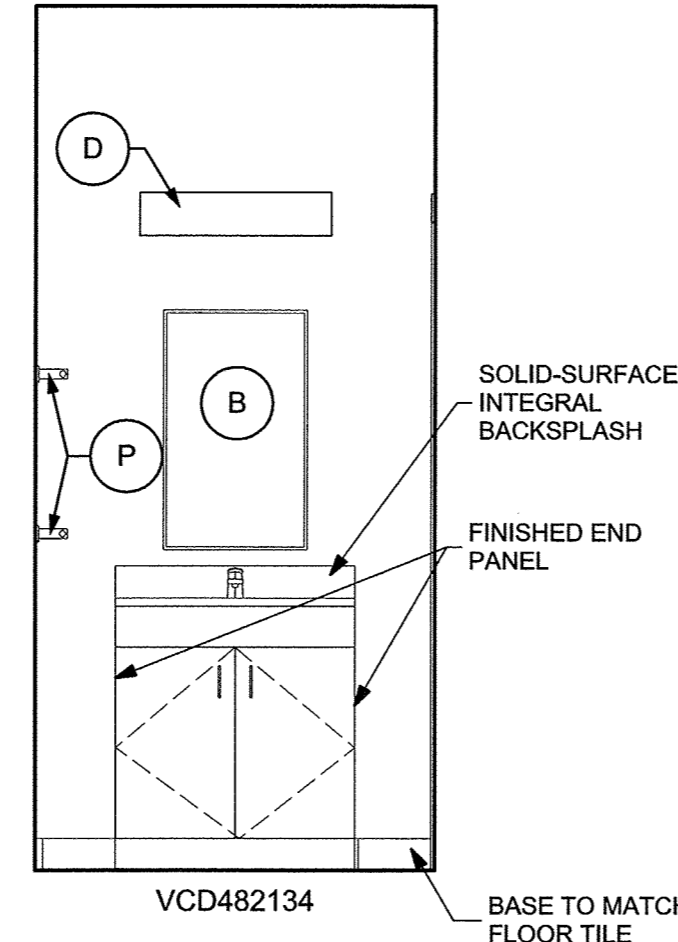
E B2 ELEVATION
SCALE: 1/2" = 1'-0"



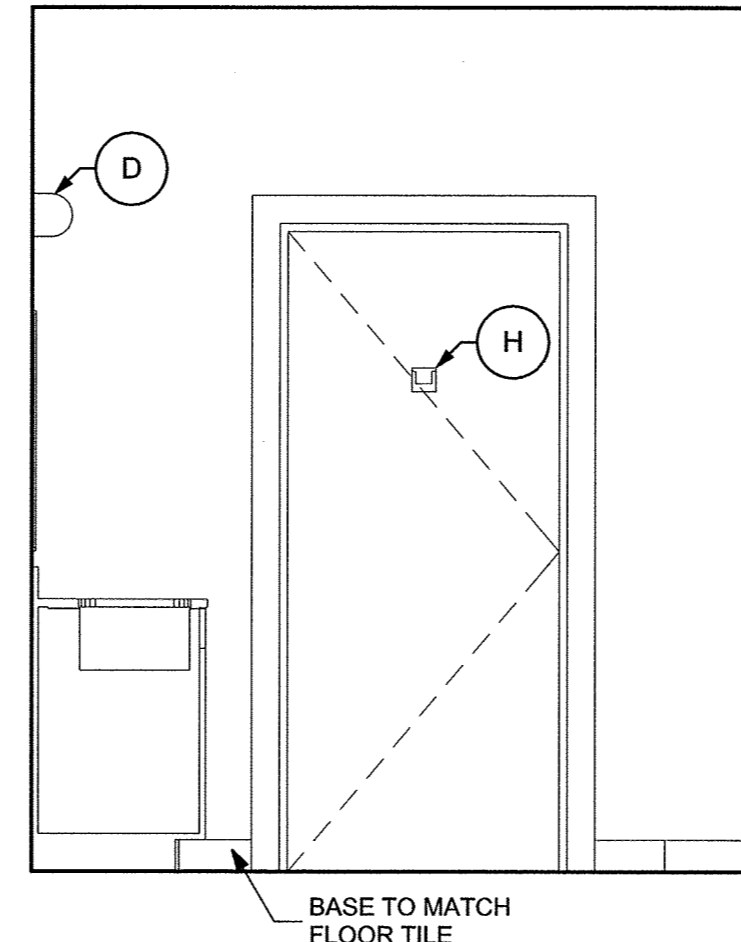
B2 BATH TYPE 2 (TYPE B) - BLDG A ONLY
SCALE: 1/2" = 1'-0"



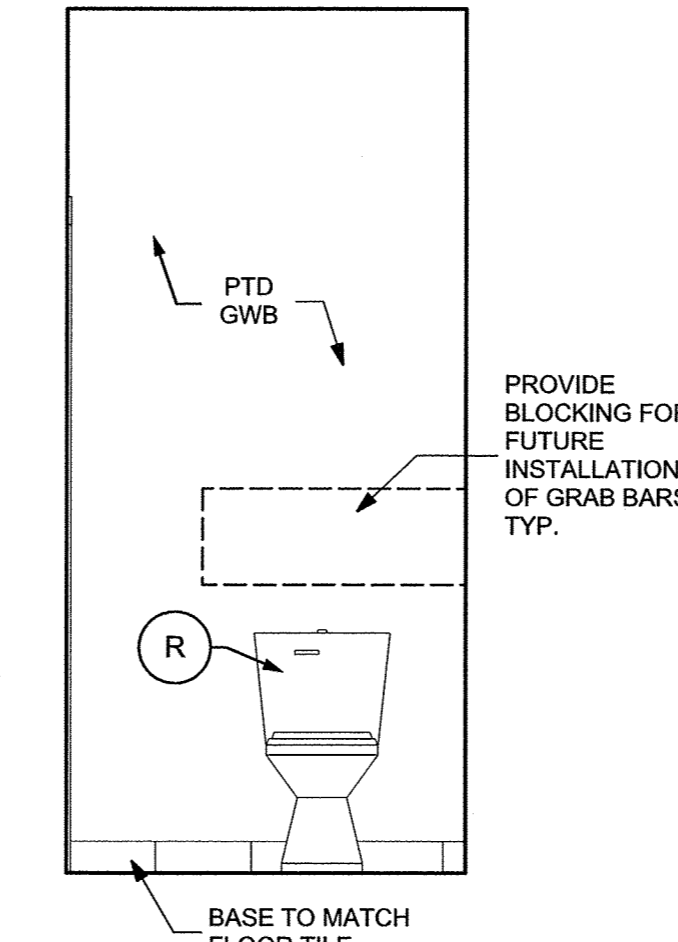
D B1 ELEVATION
SCALE: 1/2" = 1'-0"



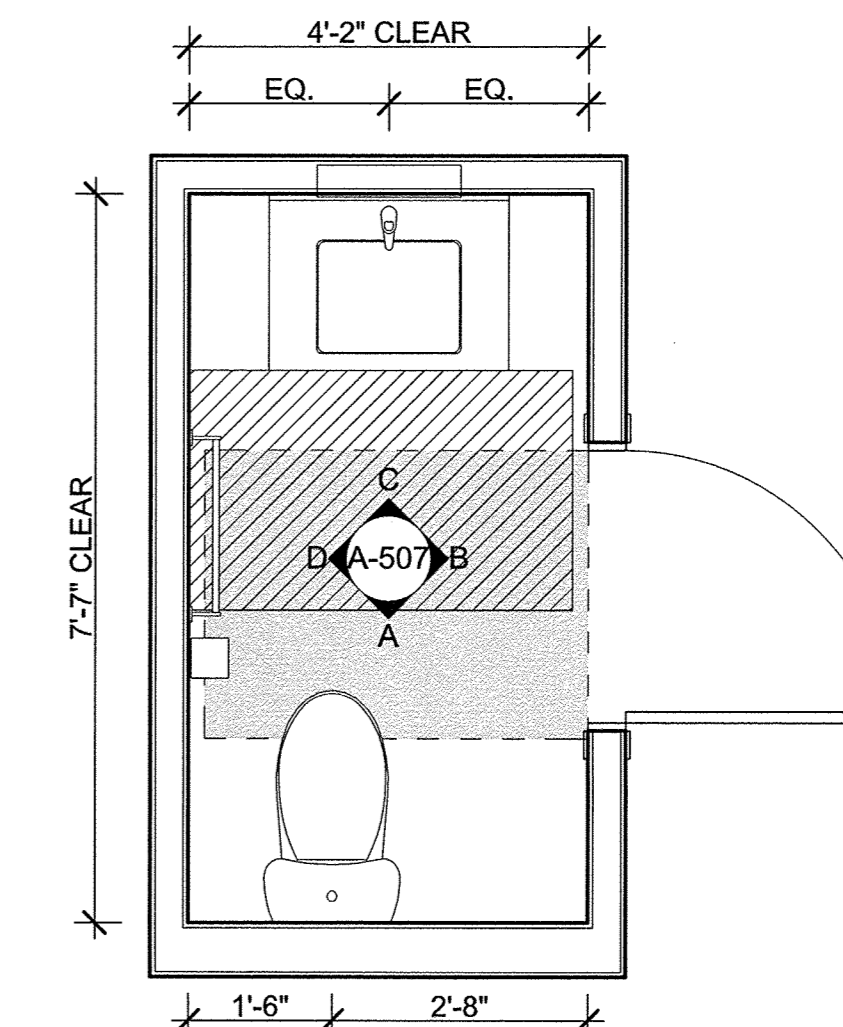
C B1 ELEVATION
SCALE: 1/2" = 1'-0"



B B1 ELEVATION
SCALE: 1/2" = 1'-0"



A B1 ELEVATION
SCALE: 1/2" = 1'-0"



B1 BATH TYPE 1 (TYPE B)
SCALE: 1/2" = 1'-0"

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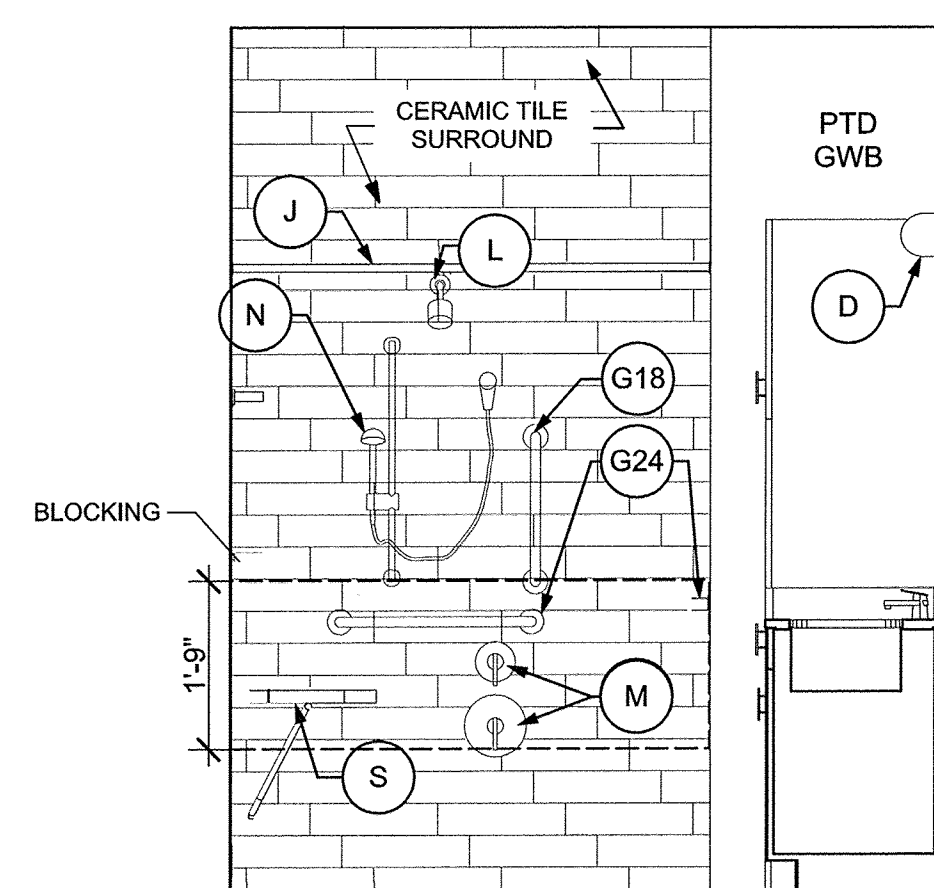
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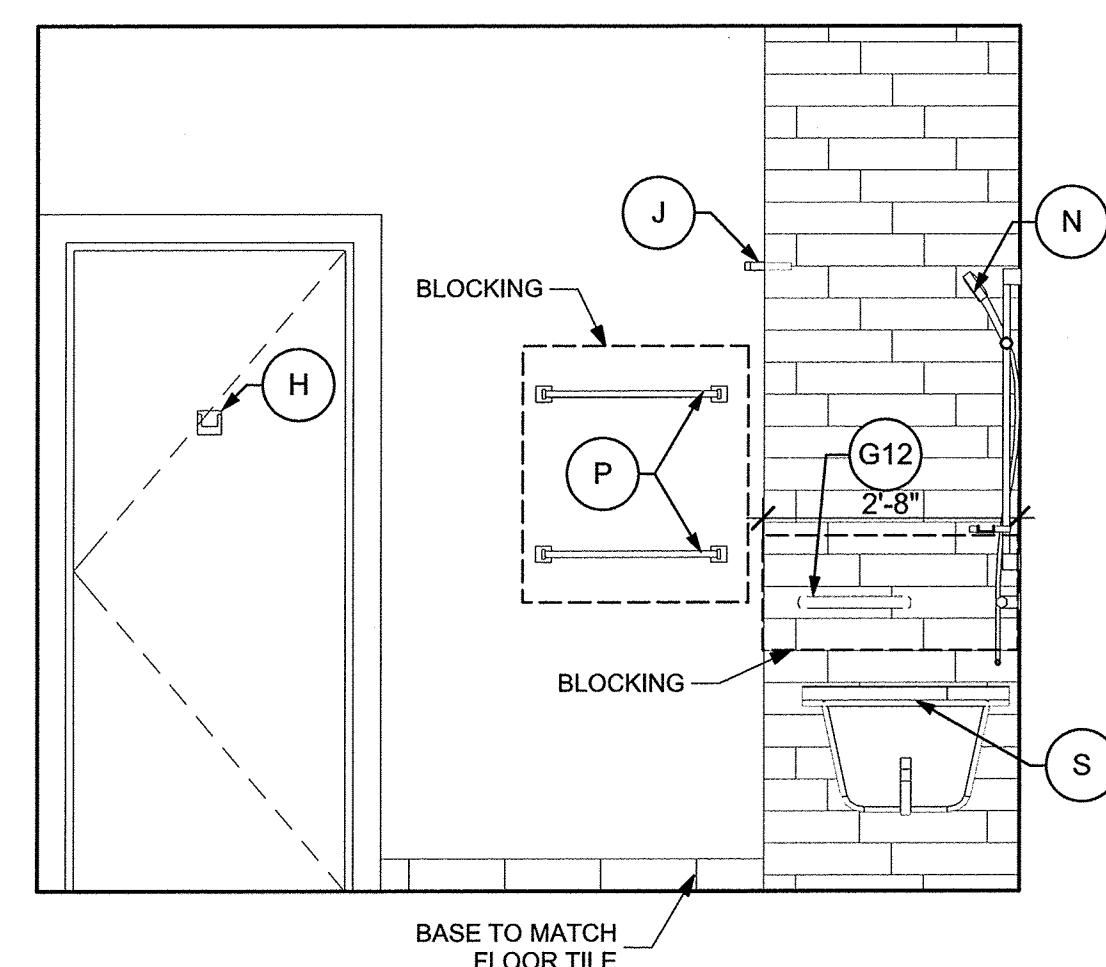
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BATH ENLARGED
PLANS & ELEVATIONS

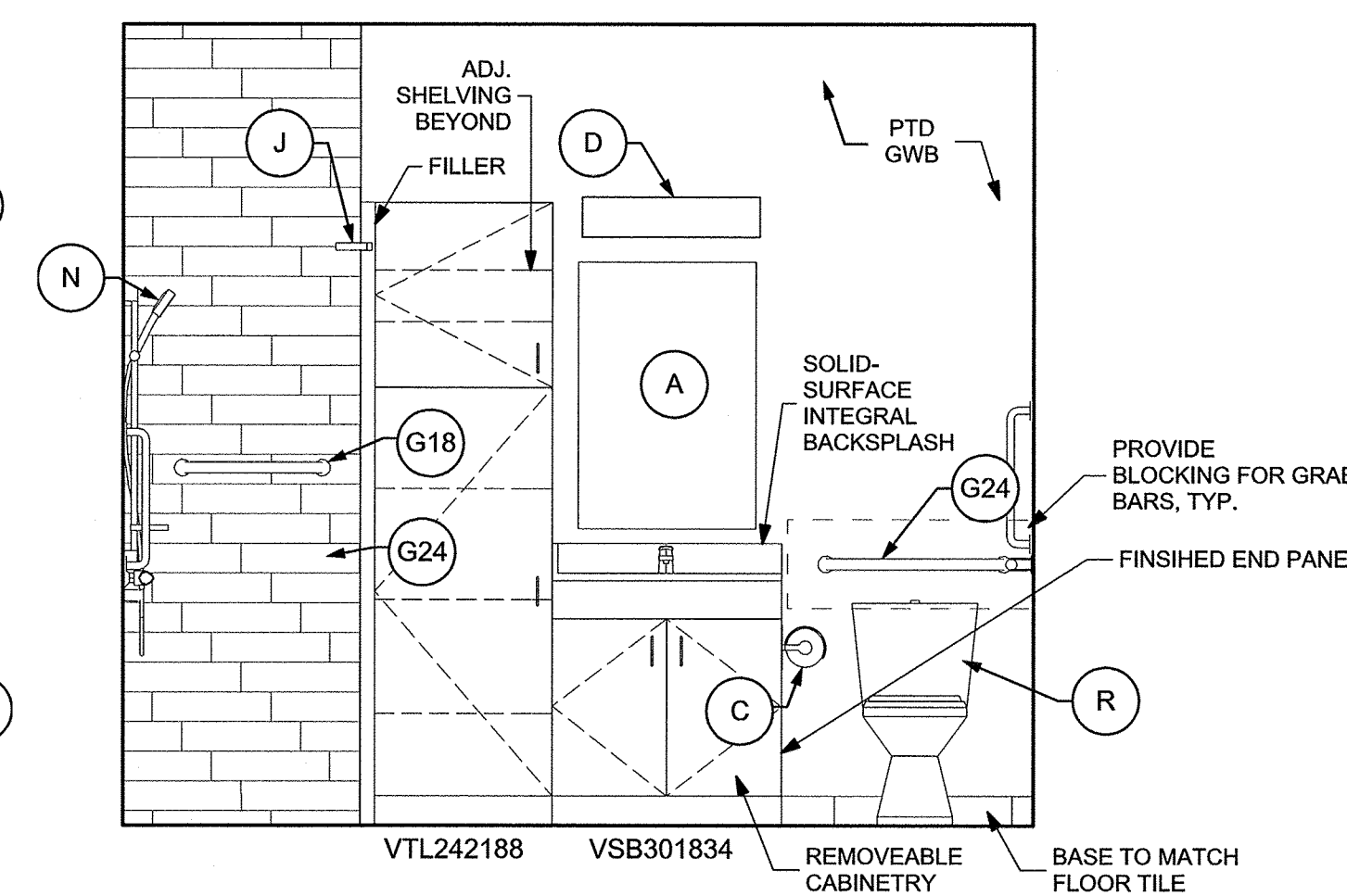
A-508



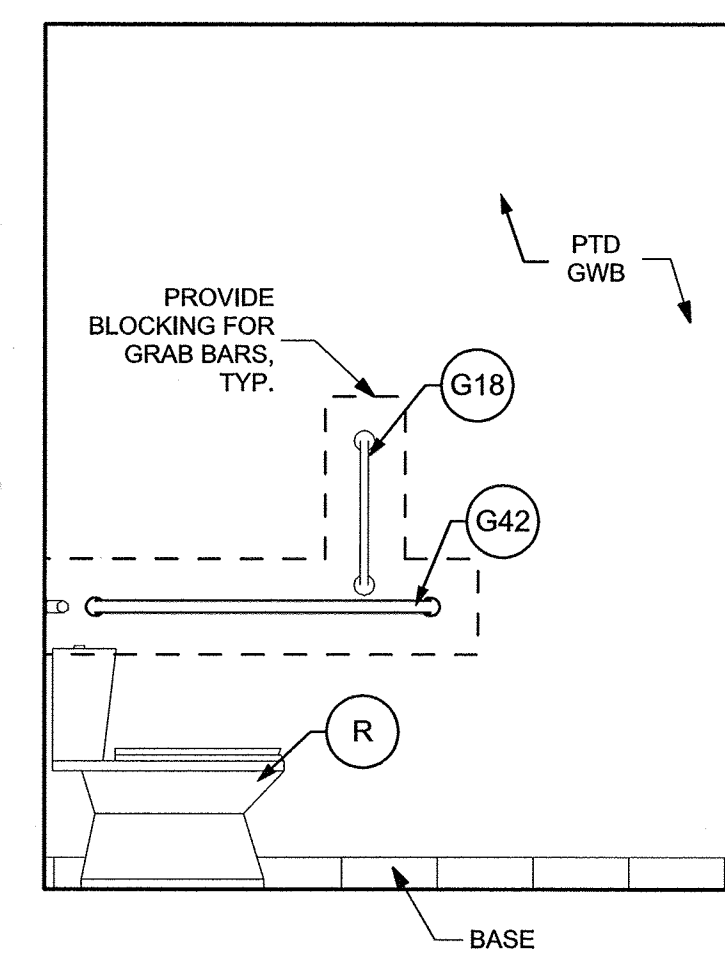
D B6 ELEVATION
SCALE: 1/2" = 1'-0"



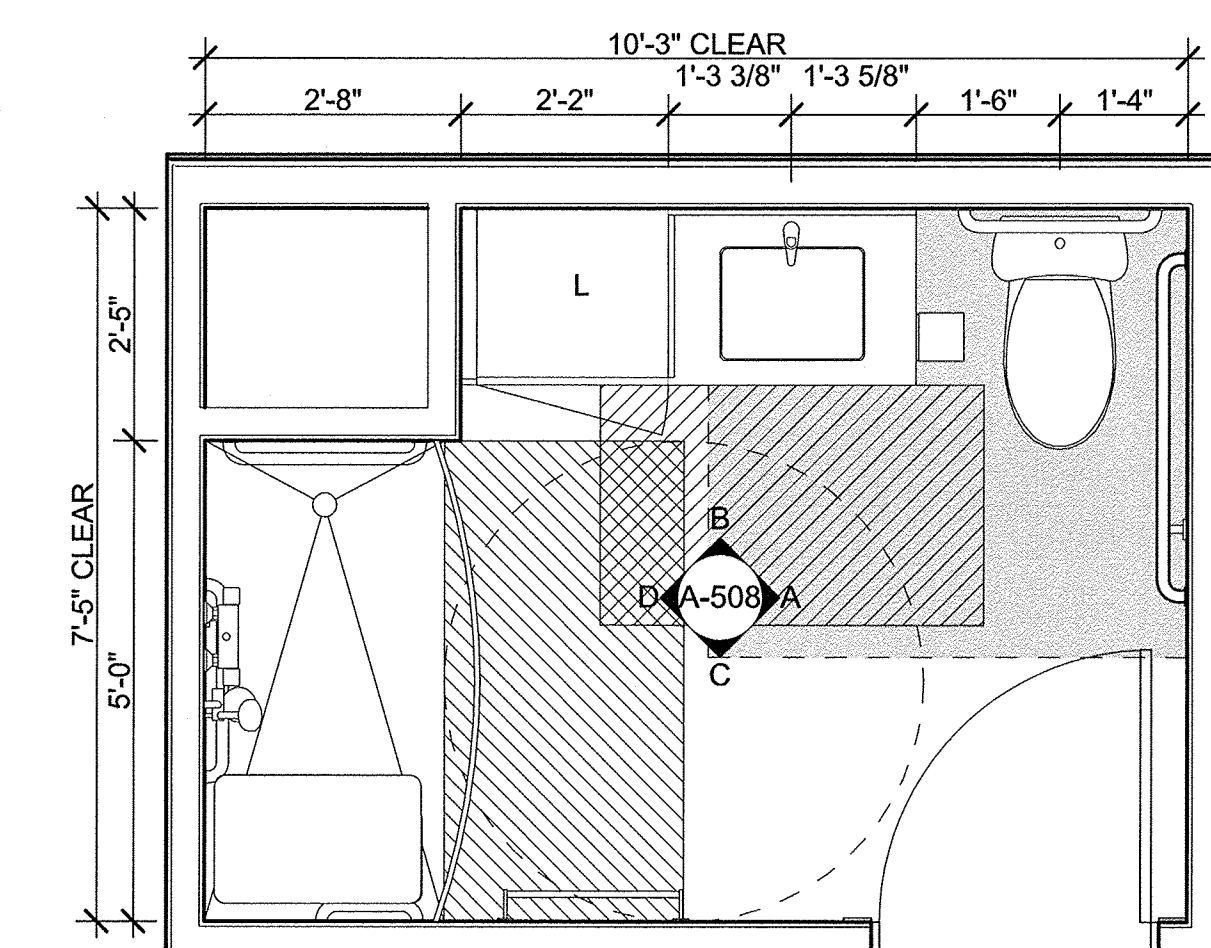
C B6 ELEVATION
SCALE: 1/2" = 1'-0"



B B6 ELEVATION
SCALE: 1/2" = 1'-0"

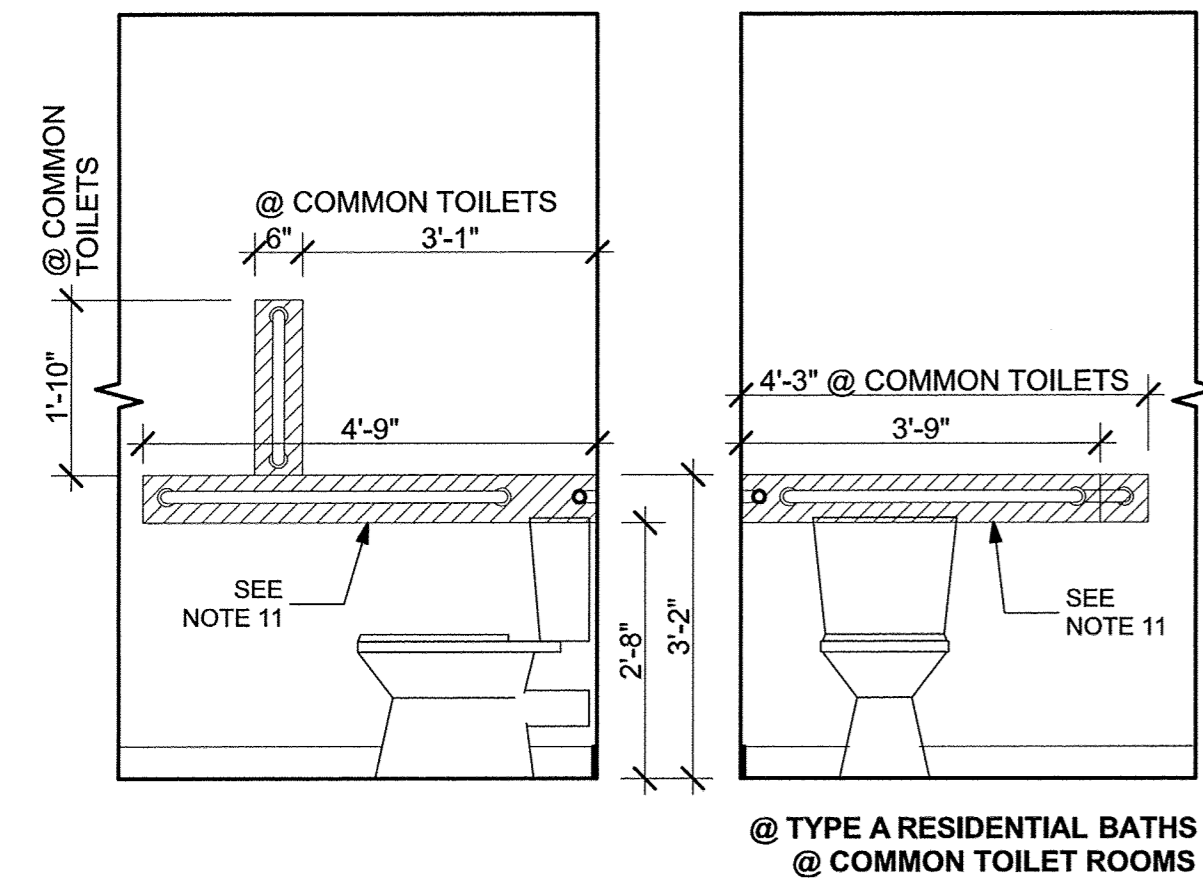


A B6 ELEVATION
SCALE: 1/2" = 1'-0"



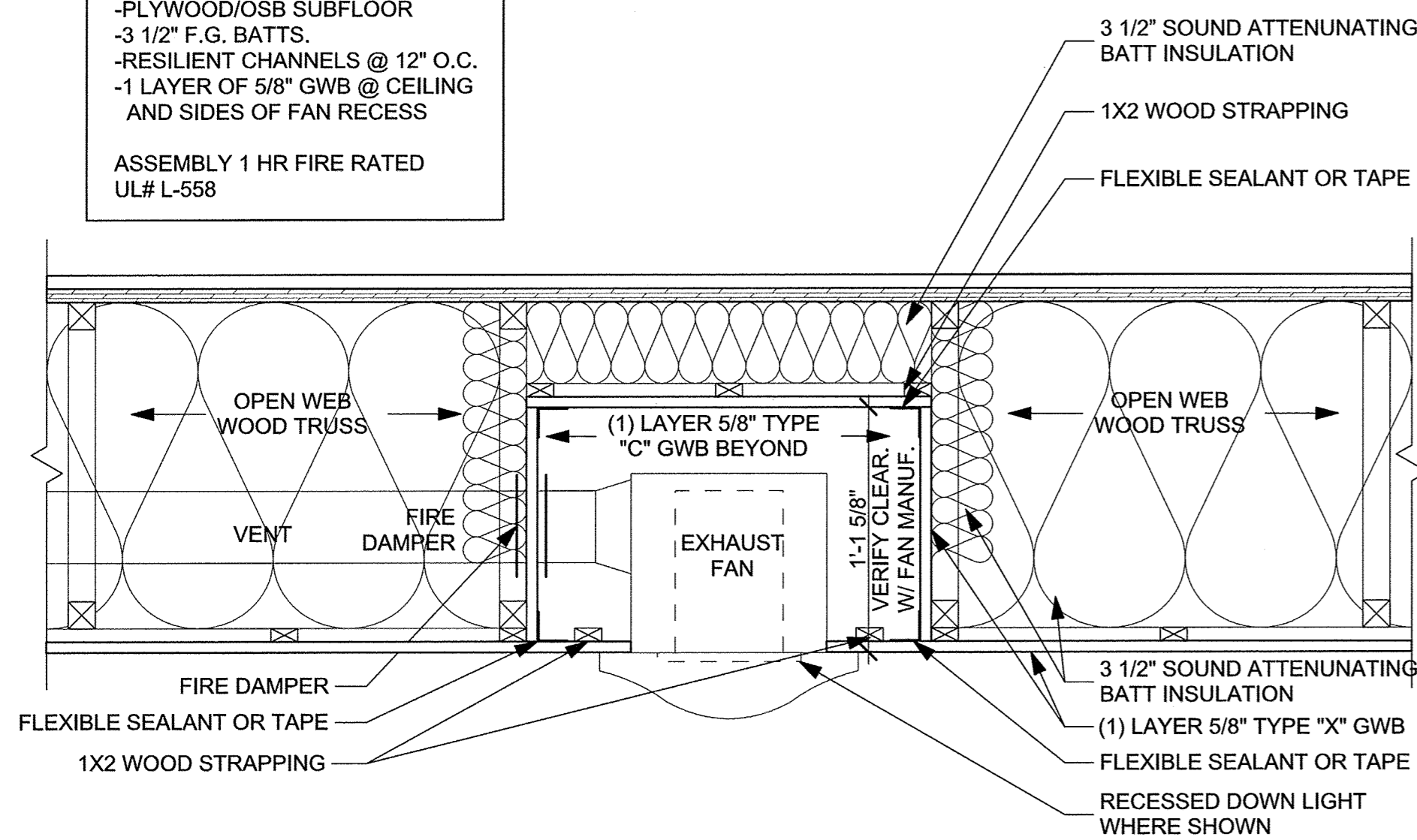
B6 BATH TYPE 6 (TYPE A)
SCALE: 1/2" = 1'-0"

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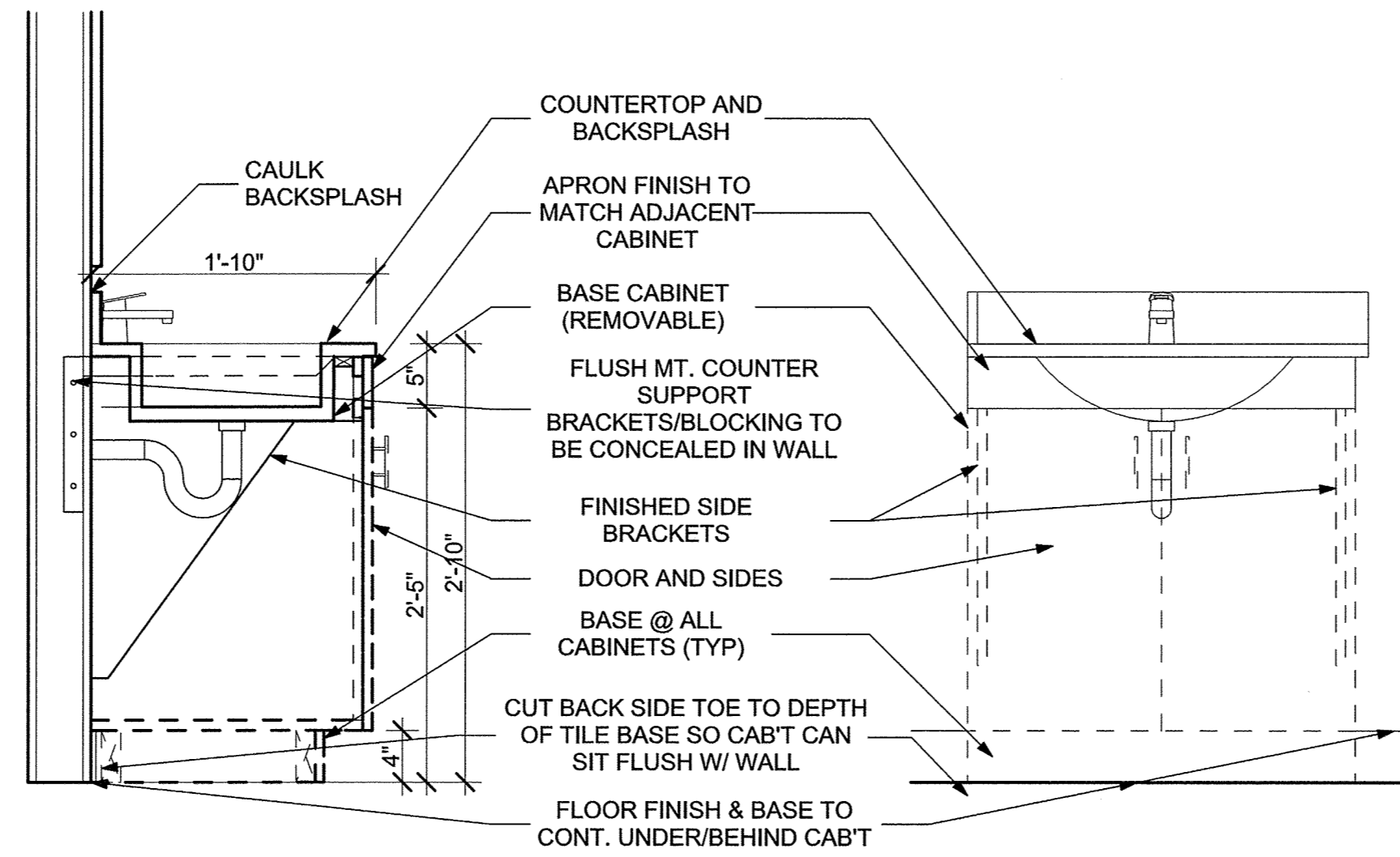


4 WALL REIN. LOCATIONS AT TOILET
SCALE: 1" = 1'-0"

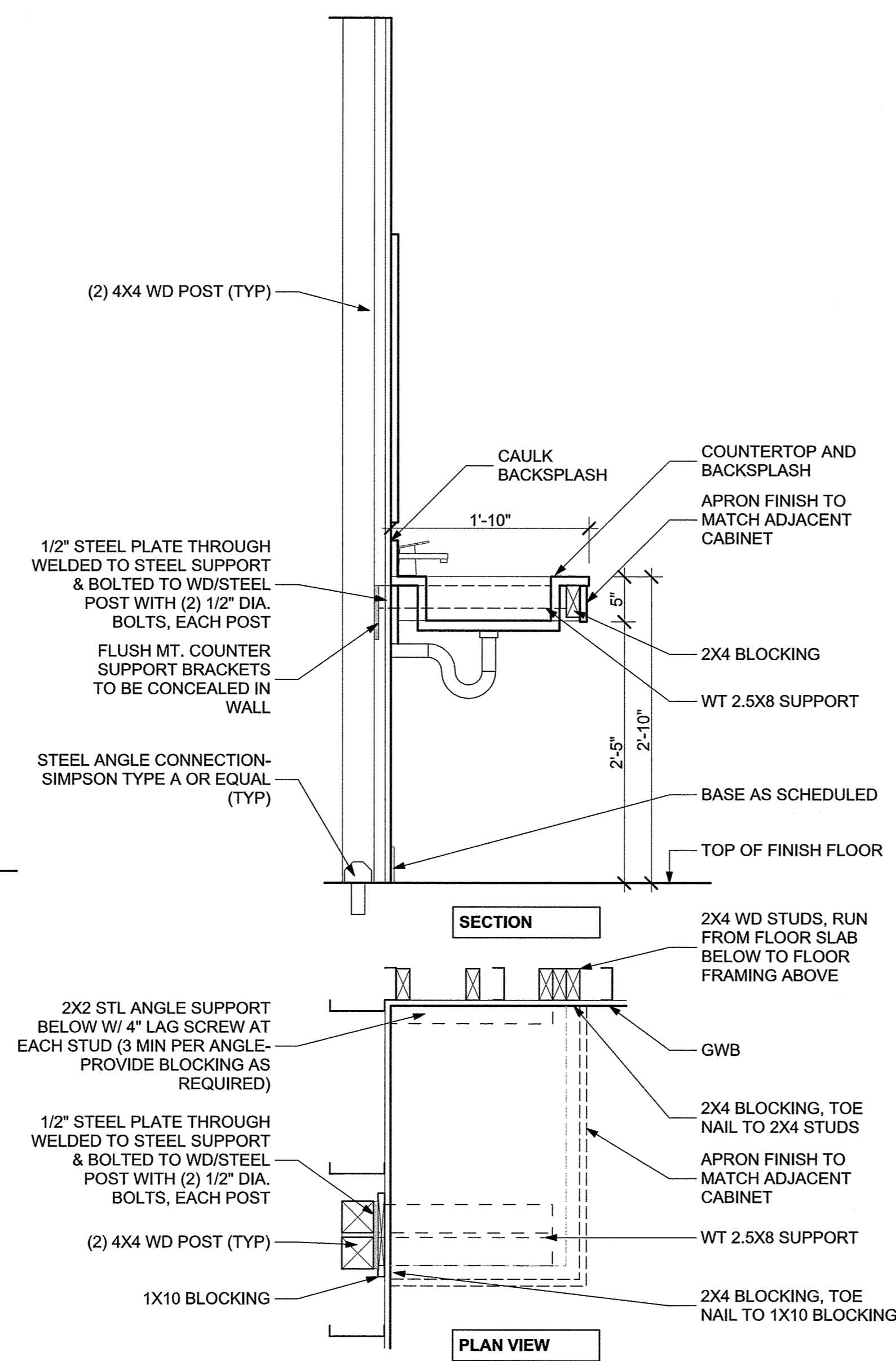
TYP. FLOOR ASSEMBLY:
 -3/4" GYPSUM UNDERLAYMENT
 -PLYWOOD/OSB SUBFLOOR
 -3 1/2" F.G. BATTS.
 -RESILIENT CHANNELS @ 12" O.C.
 -1 LAYER OF 5/8" GWB @ CEILING AND SIDES OF FAN RECESS
 ASSEMBLY 1 HR FIRE RATED UL# L-558



3 DETAIL AT FAN
SCALE: 1 1/2" = 1'-0"



2 TYPICAL DETAILS AT TYPE B REMOVABLE BASE CABINET
SCALE: 1" = 1'-0"



1 TYPICAL DETAILS AT TYPE B VANITY
SCALE: 1" = 1'-0"

| KEY | FIXTURE / ACCESSORY | ANSI 117.1 (TYPE B) | ANSI 117.1 (TYPE A) | MANUFACTURER MODEL # |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
| A | MIRROR (2'-0") | BOTTOM OF REFLECTING SURFACE @ 40" AFF | | |
| B | MEDICINE CABINET | BOTTOM @ 42" MAX. A.F.F. | TOP @ 48" MAX A.F.F. BOTTOM @ 15" MIN A.F.F. | |
| C | TOILET PAPER DISPENSER | CL OF DISPENSER @ 14" - 19" A.F.F. CL OF DISPENSER @ 7" - 9" BEYOND FRONT OF TOILET | | |
| D | LIGHT FIXTURE | CL @ 82" AFF | CL @ 80" AFF | REFER TO LIGHT FIXTURE SCHEDULE |
| F | HAND-HELD SHOWER SYSTEM w/ 60" HOSE ATTACHED TO 36" ADJUSTABLE MOUNTING BAR AND MIXING VALVE | (N/A) | TUB & SHOWER BOTTOM OF MOUNTING BAR @ 40" A.F.F. | REFER TO PLUMBING FIXTURE SCHEDULE |
| G | GRAB BAR (12") HORIZONTAL GRAB BAR (24") HORIZONTAL GRAB BAR (36") HORIZONTAL GRAB BAR (42") HORIZONTAL GRAB BAR (48") HORIZONTAL GRAB BAR (18") VERTICAL GRAB BAR SWING-UP | (N/A) | TOP @ 34" A.F.F. WHERE TWO GRAB BARS ARE PROVIDED, THE SECOND SHALL BE 9" ABOVE RIM OF BATHTUB TO TOP CL @ 4'-0" A.F.F. TOP @ 36" MAX A.F.F. | |
| H | DOUBLE ROBE HOOK | TOP @ 60" A.F.F. | TOP @ 48" A.F.F. | |
| J | SHOWER ROD (60") | CL @ 78" A.F.F. | | |
| K | TUB SPOUT | CL @ 23" A.F.F. | | |
| L | SHOWER HEAD | CL @ 78" A.F.F. | | |
| M | MIXING VALVE | TUB CL @ 40" A.F.F. OF TUB SHOWER CL @ 38-48" A.F.F. OF SHOWER | CL @ 28" A.F.F. OF TUB, LOCATE ON SHORT WALL SEE NOTE 16 CL @ 38-48" A.F.F. OF SHOWER, CENTER ON LONG WALL | |
| N | HAND-HELD SHOWER ON ADJUSTABLE TRACK (59" LONG HOSE) | N/A | BOTTOM OF TRACK @ 40" ABOVE BATHTUB/SHOWER FLOOR | REFER TO PLUM. DWGS. |
| P | TOWEL BAR (24") | CL @ 42" & 62" A.F.F. | CL @ 36" & 56" A.F.F. | |
| Q | BATHTUB | RIM @ 16"-18" A.F.F. | | |
| R | TOILET | TOP OF SEAT @ 17" A.F.F. | | |
| S | SHOWER SEAT | (N/A) | TOP @ 17"-19" A.F.F. | |
| T | MULTI-ROLL T.P. DISPENSER | (N/A) | CL OF ROLL @ 24" A.F.F., SIDE WALL CLOSEST TO TOILET | |
| U | PAPER TOWEL DISPENSER / WASTE RECEPTACLE | (N/A) | CL OF TOWEL SLOT @ 42" MAX AFF | |

BATH GENERAL NOTES:

- SEE ACCESSORY KEY & MOUNTING HEIGHT SCHEDULE FOR ALL MOUNTING HEIGHTS.
- WALL REINFORCEMENT REQUIRED AT ALL ACCESSORY LOCATIONS.
- WALL BOARD TO EXTEND TO FLOOR BELOW BATHTUB FOR CONTINUITY OF FIRE/SMOKE RATING.
- DOOR LOCATION(S) MAY VARY. REFER TO UNIT PLANS.
- REFER TO SKETCH FOR TILE TERMINATION.
- PROVIDE CERAMIC TILE ON CEM.BD. @TUB ENCLOSURE. SEE SPECIFICATIONS FOR TILE TERMINATION.
- UNLESS OTHERWISE NOTED, PROVIDE PAINTED MOISTURE-RESISTANT GWB @ BATHROOM WALLS, CEILINGS, WET CHASES, TYP.
- ALL FINISHES (CT, FLOORING, BASE, PAINT) TO CONTINUE UNDER AND BEHIND CABINET.

BATH ACCESSORY NOTES:

- REFER TO PLUMBING DRAWINGS AND SPECIFICATIONS FOR FIXTURE MANUFACTURERS AND MODEL NUMBERS, VERIFY ROUGH-IN REQUIREMENTS FOR TUB AND PLUMBING SYSTEMS FROM APPROVED MANUFACTURER OF FIXTURES PRIOR TO PARTITION FRAMING INSTALLATION.
- GRAB BARS TO BE INSTALLED AT TYPE 'A' UNITS IN BUILDINGS
- 42.5.3: BLOCKING TO BE PROVIDED WHERE SPECIFIED IN FLOOR PLANS/ROOM ELEVATIONS: "WALLS ADJACENT TO AND BEHIND THE WATER CLOSET SHALL BE CAPABLE OF STRUCTURALLY SUPPORTING THE FUTURE INSTALLATION OF GRAB BARS FROM 32" TO 38" ABOVE THE FLOOR. THE BACK WALL SHALL HAVE REINFORCEMENT FROM THE INTERIOR CORNER TO A DISTANCE OF 6" BEYOND THE WIDEST PART OF THE WATER CLOSET. THE SIDE WALL SHALL HAVE REINFORCEMENT FROM THE INTERIOR CORNER TO A DISTANCE OF 6" BEYOND THE FRONT EDGE OF THE WATER CLOSET, UNLESS INTERRUPTED BY A DOOR OR OTHER FIXTURE, THEN THE REINFORCEMENT SHALL BE INSTALLED AS FAR AS POSSIBLE."
- 44.7.1.c: "ALL TUB WALLS SHALL BE CAPABLE OF STRUCTURALLY SUPPORTING THE FUTURE INSTALLATION OF GRAB BARS FROM 6" ABOVE THE TUB RIM TO A HEIGHT OF 48" ABOVE THE TUB BOTTOM AND SHALL EXTEND THE LENGTH AND WIDTH OF THE TUB."
- 42.7.2.c: "ALL SHOWER WALLS SHALL BE CAPABLE OF STRUCTURALLY SUPPORTING THE FUTURE INSTALLATION OF GRAB BARS, SEATS, ETC., FROM A HEIGHT OF 6" TO 48" ABOVE THE FLOOR AND SHALL EXTEND THE FULL WIDTH AND LENGTH OF THE SHOWER STALL. GRAB BARS SHALL NOT BE LOCATED BEHIND THE SEAT."
- 44.6.1.c: "ALL WALLS OF THE TUB SHALL HAVE STRUCTURAL REINFORCEMENT TO ALLOW THE FUTURE INSTALLATION OF GRAB BARS AT ANY LOCATION FROM THE RIM OF THE TUB TO A HEIGHT OF 60" ABOVE THE TUB BOTTOM."
- 44.6.2.b: "ALL WALLS OF THE SHOWER SHALL HAVE STRUCTURAL REINFORCEMENT TO ALLOW THE FUTURE INSTALLATION OF A SEAT AND GRAB BARS, AT ANY LOCATION FROM THE FLOOR TO A HEIGHT OF 60" ABOVE THE FLOOR."
- CITATION
"FAUCETS AND MIXING VALVES SHALL BE CENTERED HORIZONTALLY ON THE LONG WALL OF THE SHOWER, 28 INCHES ABOVE THE FLOOR." TUB FAUCETS AND MIXING VALVES SEE A510, DETAIL. 5.

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CHECKED BY: KH/ DW

SHEET TITLE

BATH DETAILS

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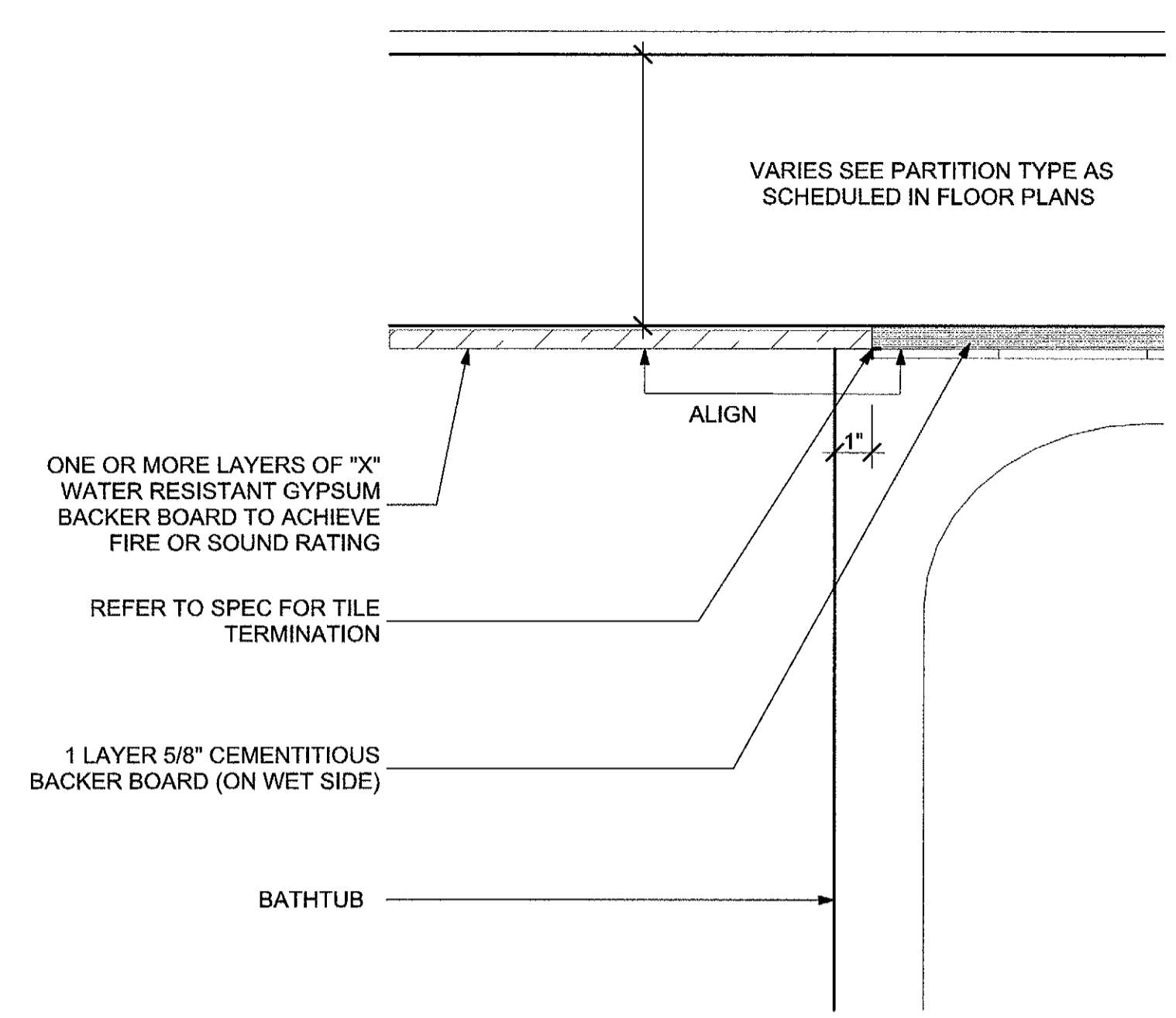
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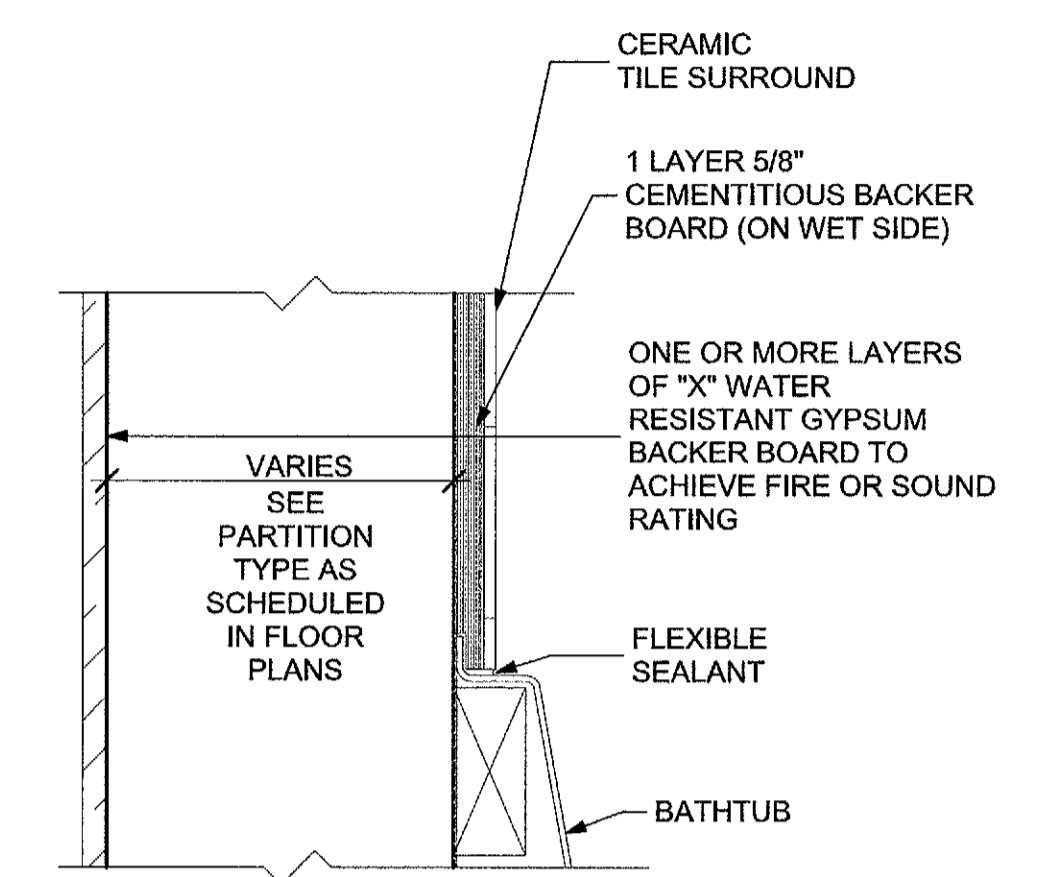
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BATH DETAILS

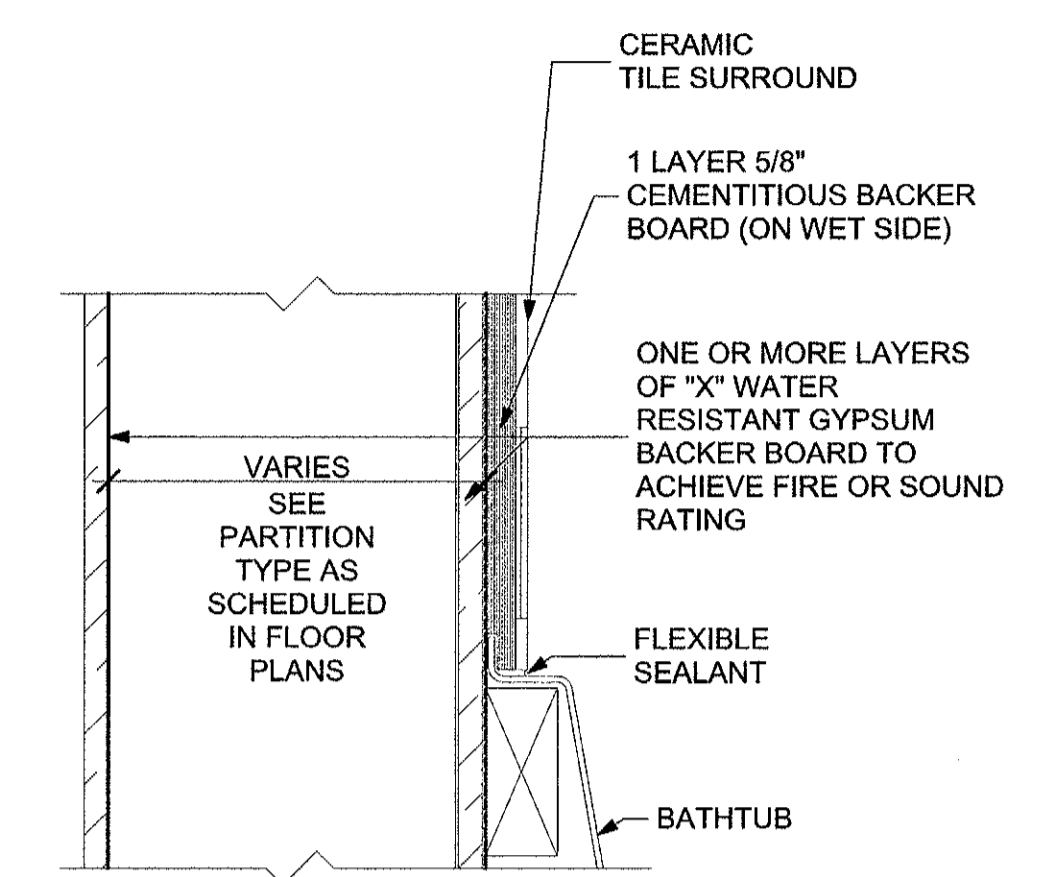
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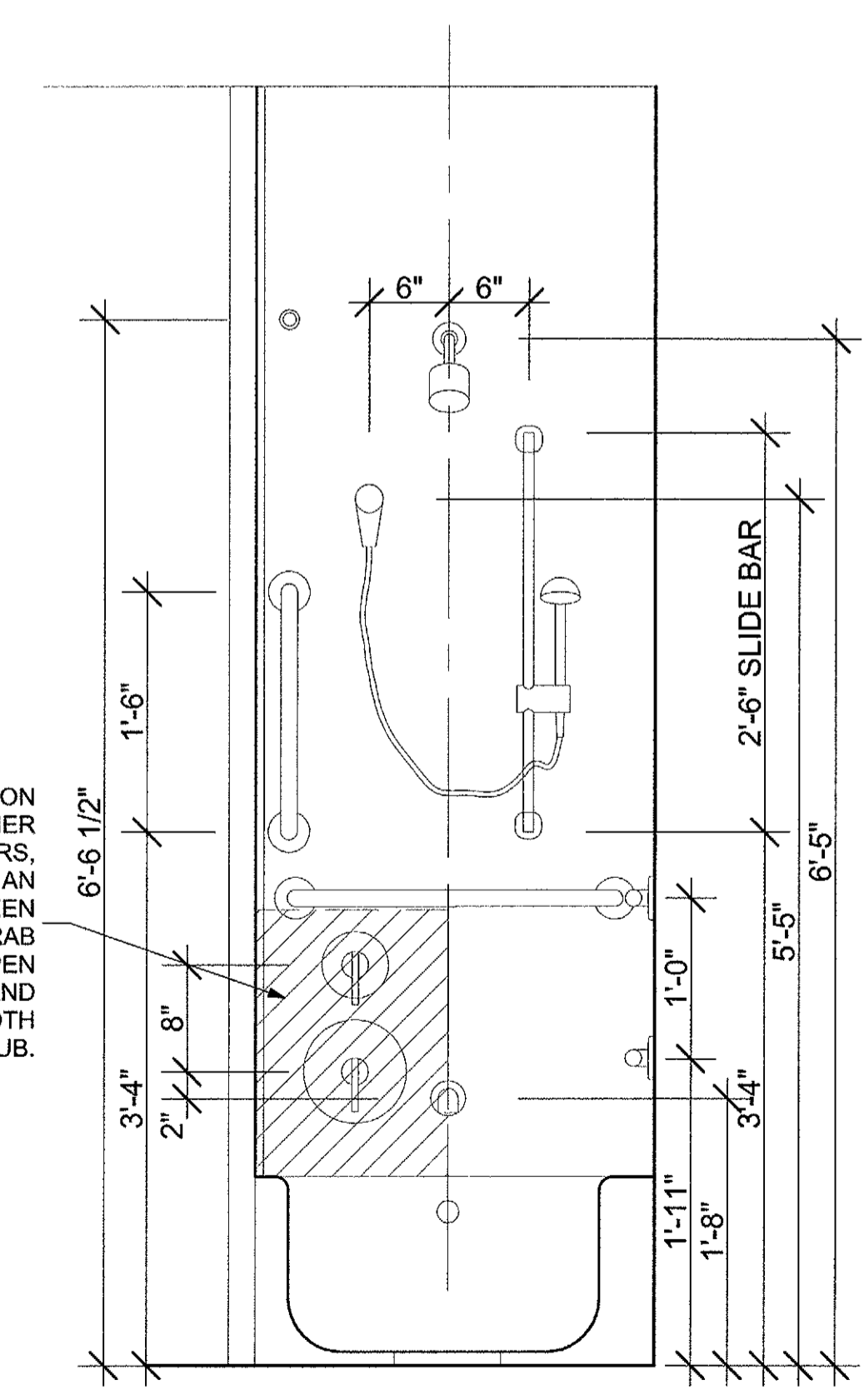
8 NON FIRE RATED PLAN DETAIL
SCALE: 3" = 1'-0"



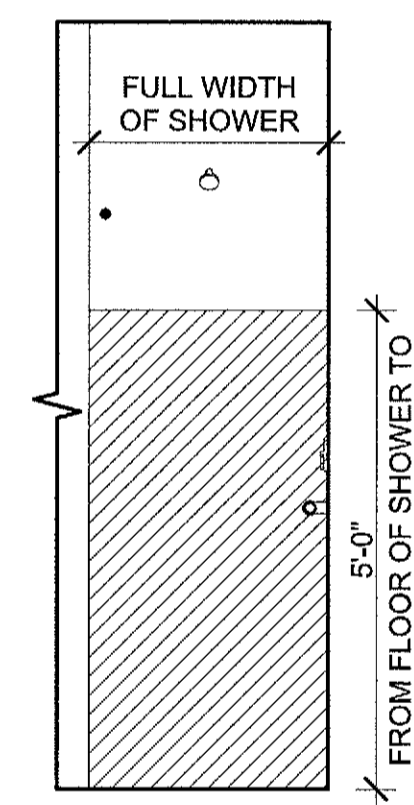
7 NON FIRE RATED BATH DETAIL
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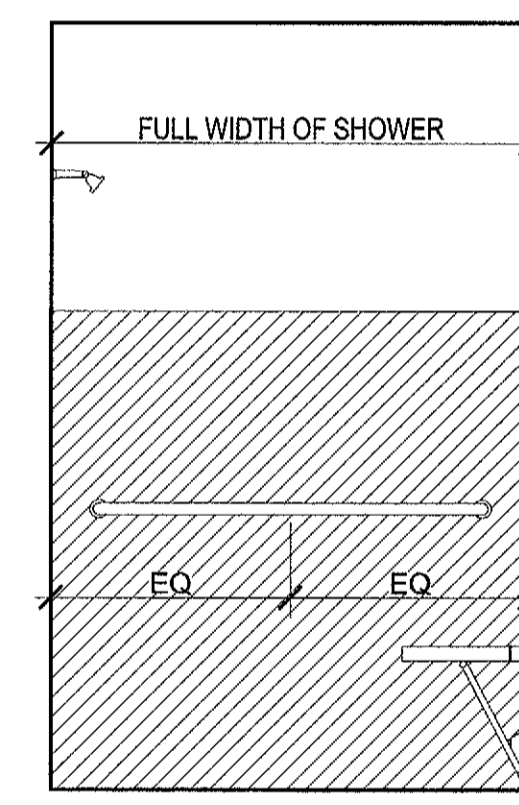
6 FIRE RATED BATH DETAIL
SCALE: 3" = 1'-0"



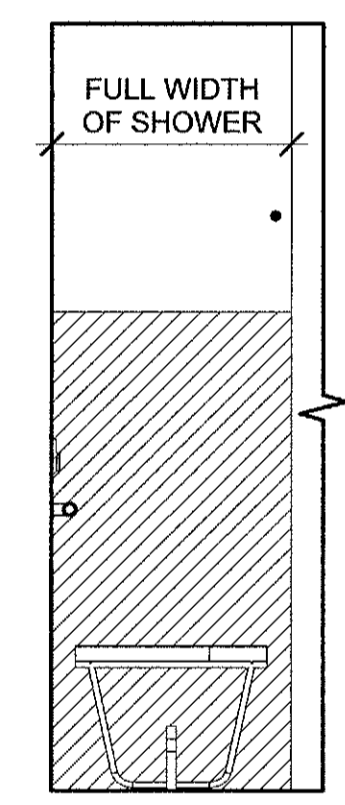
5 TUB MOUNTING HEIGHTS
SCALE: 1" = 1'-0"



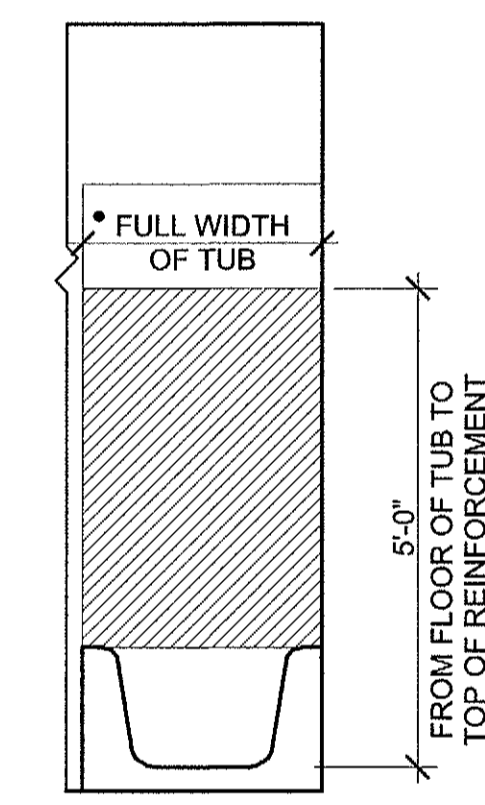
4 WALL REINF. AT SHOWER (TYPE A)
SCALE: 1/2" = 1'-0"



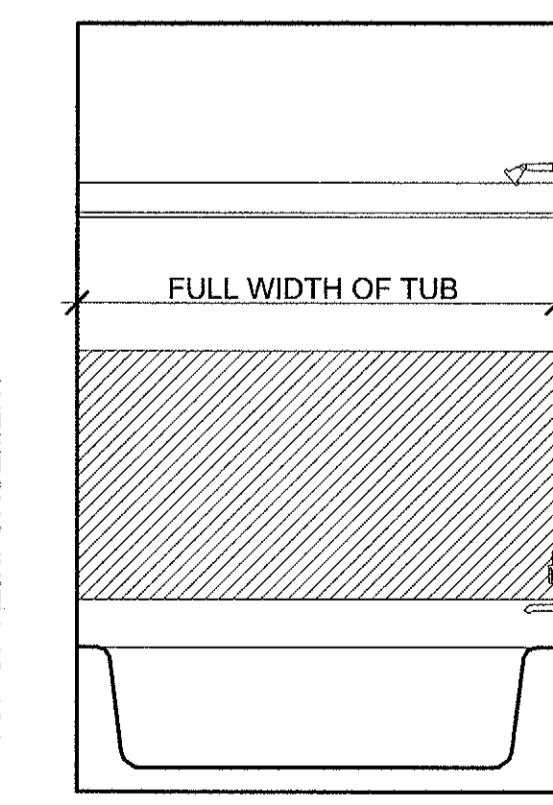
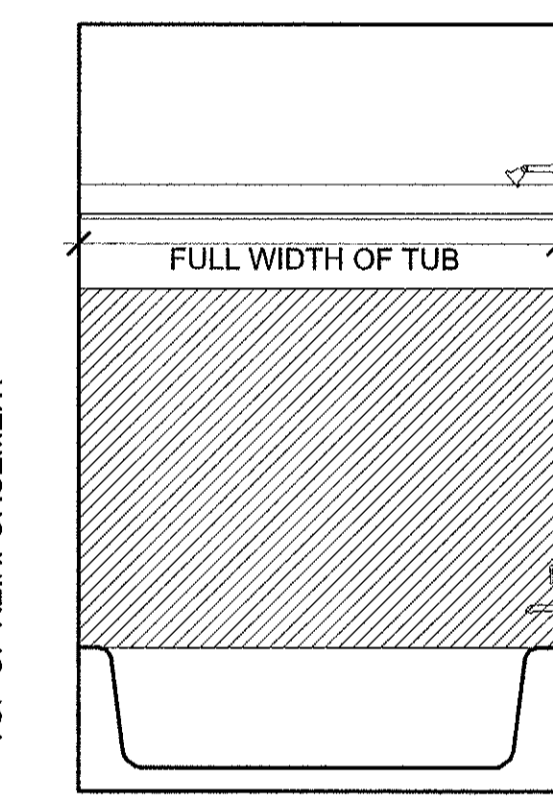
3 WALL REINF. AT SHOWER (TYPE B)
SCALE: 1/2" = 1'-0"



2 WALL REINF. AT TUB (TYPE A)
SCALE: 1/2" = 1'-0"



1 WALL REINF. AT TUB (TYPE B)
SCALE: 1/2" = 1'-0"



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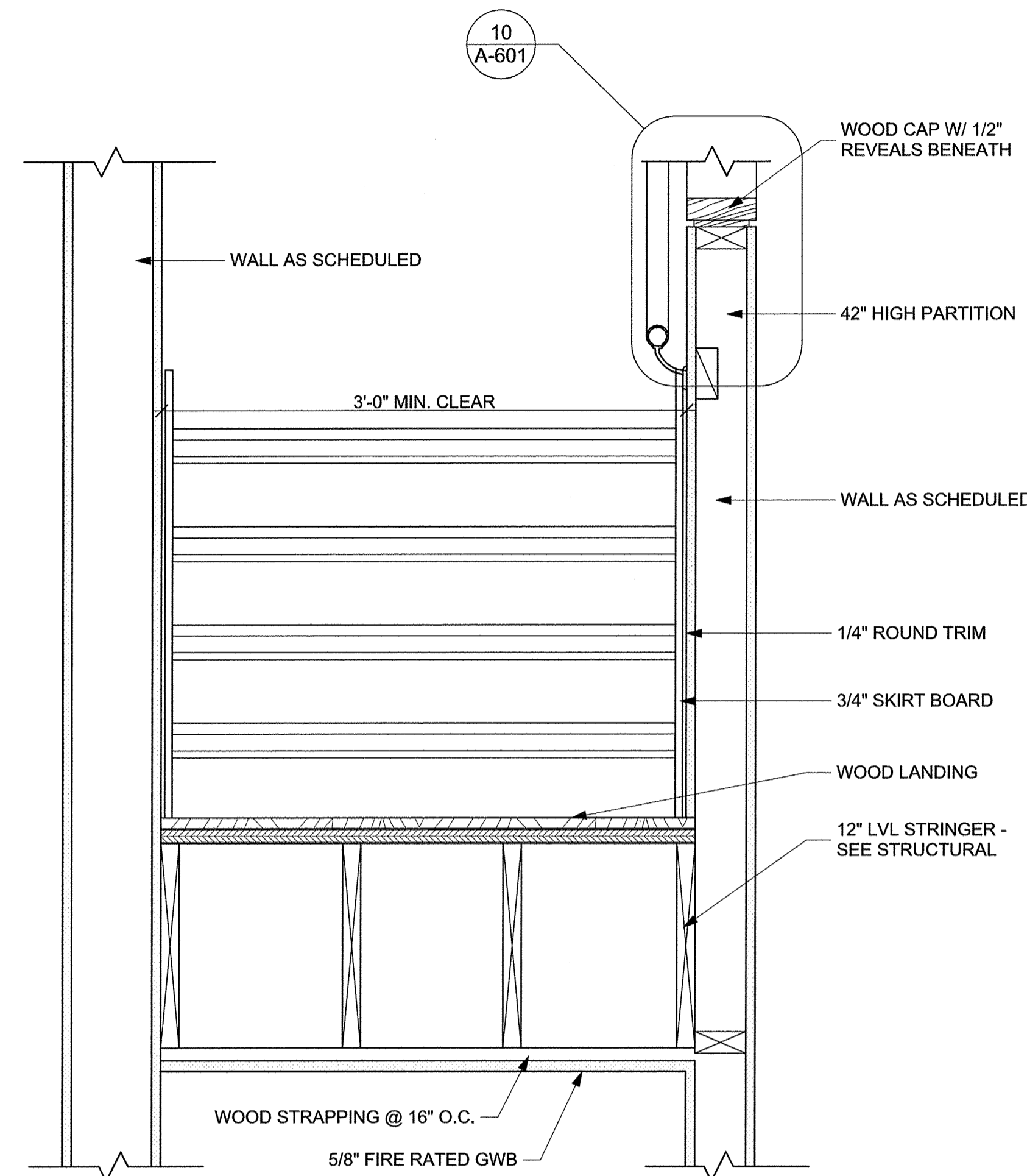
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| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

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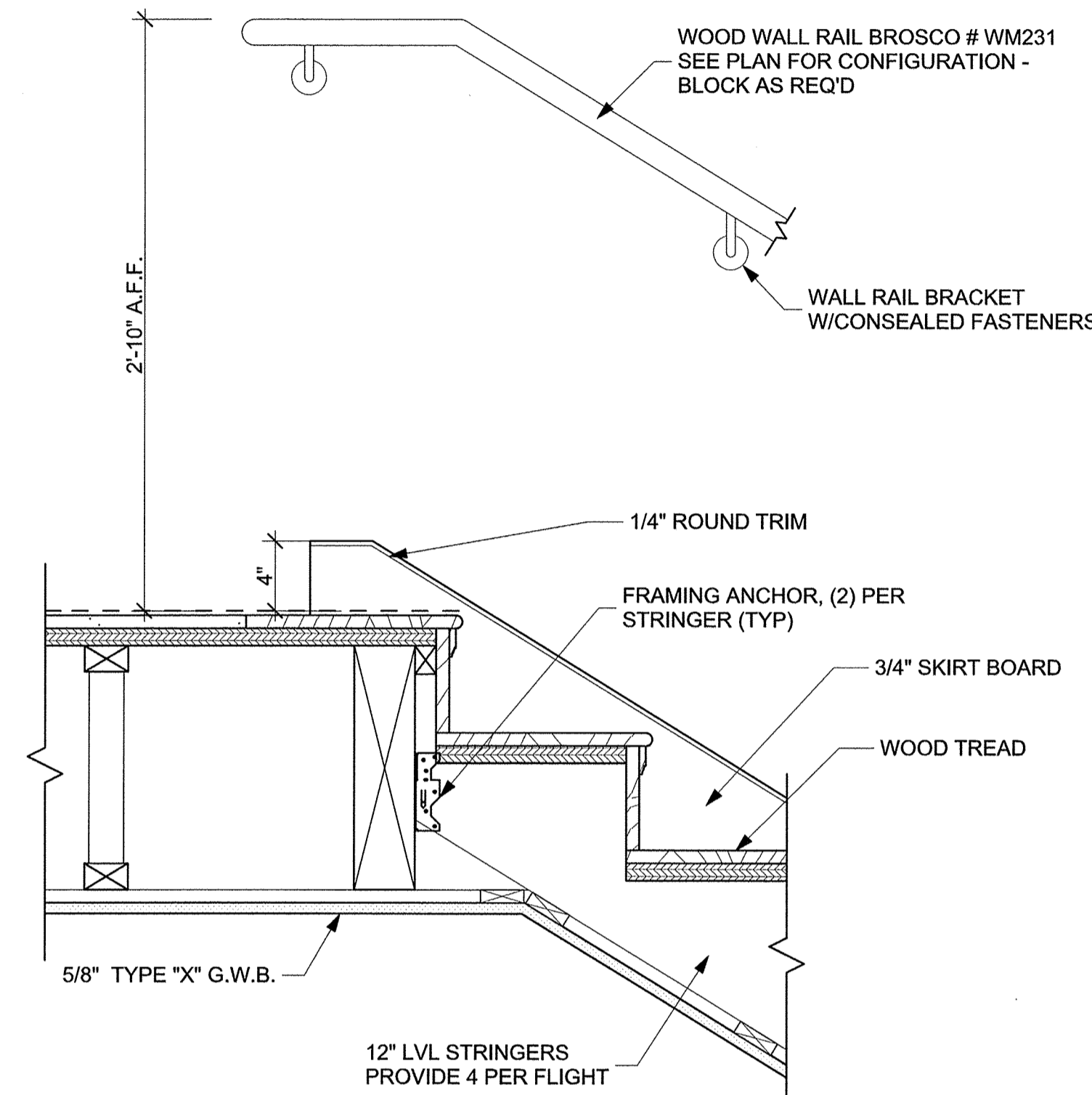
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SECTIONS & DETAILS

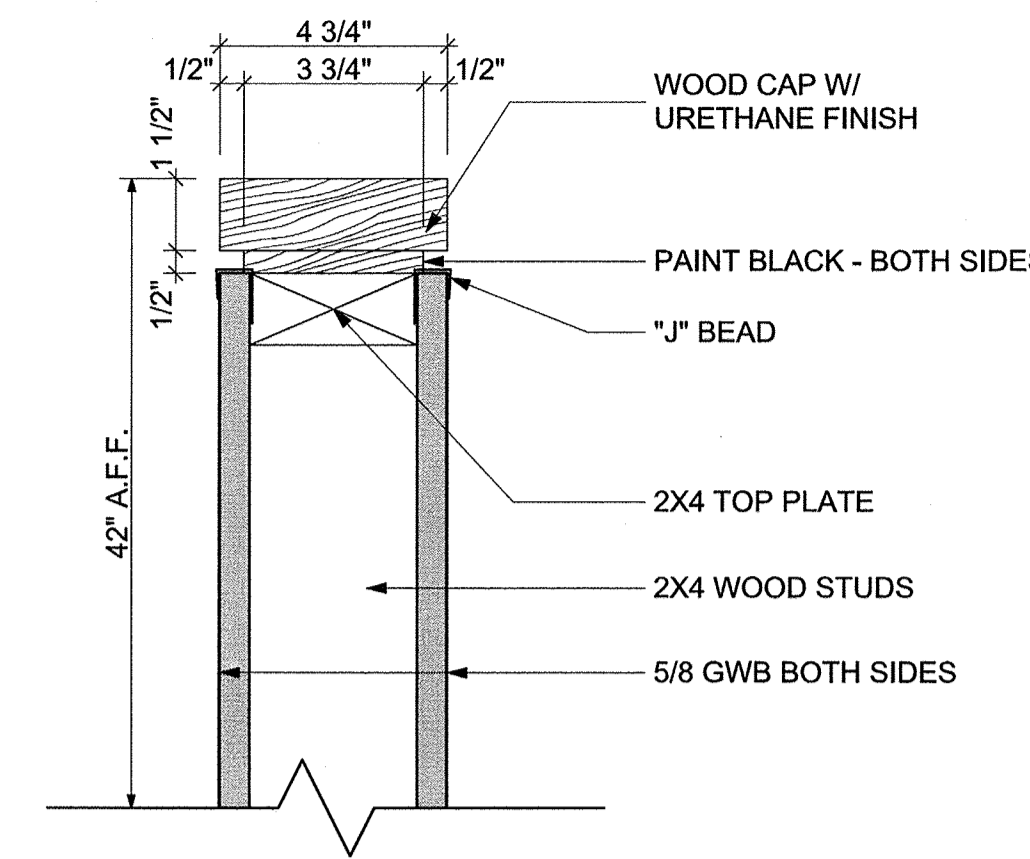
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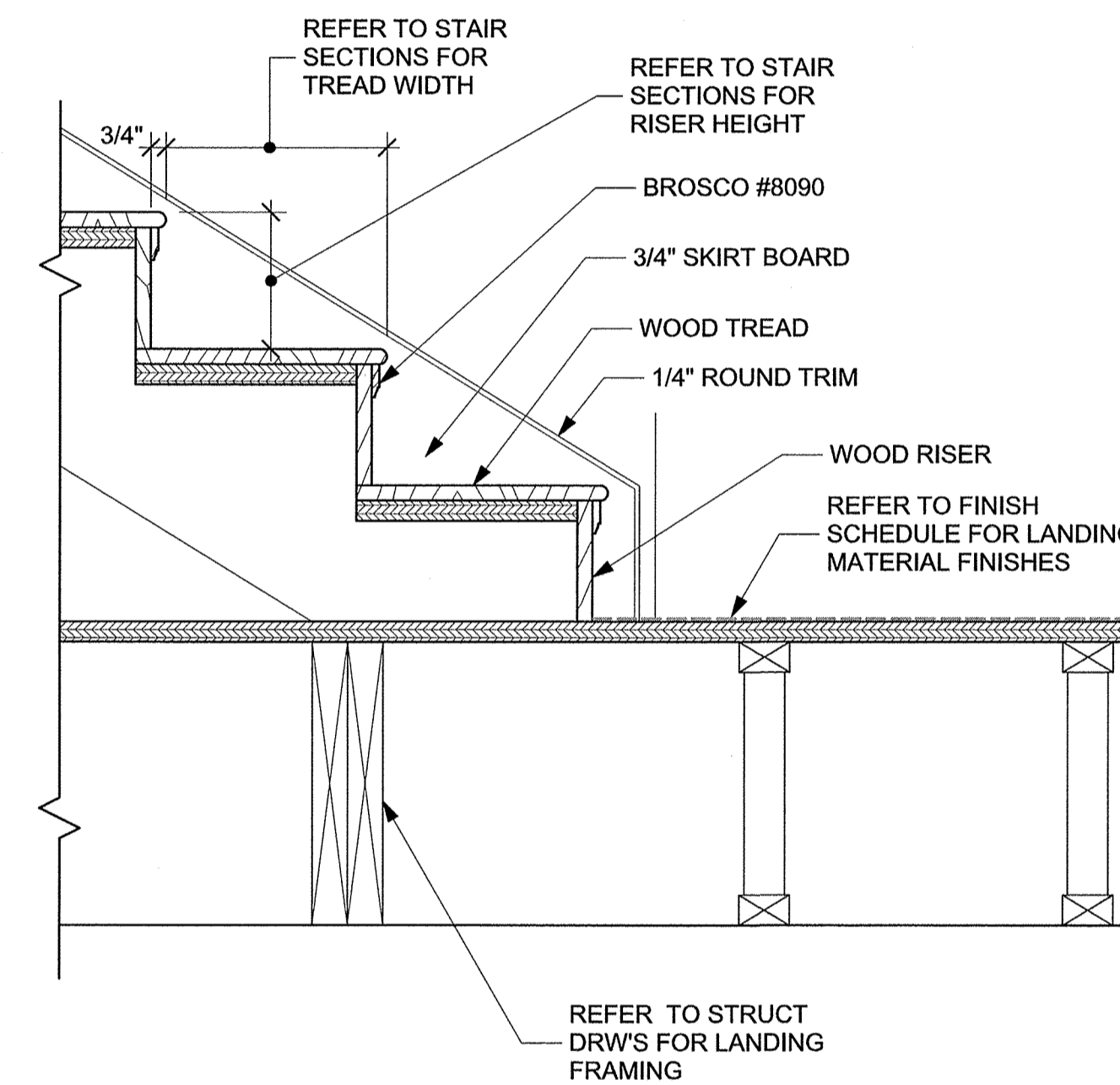
12 CROSS SECTION
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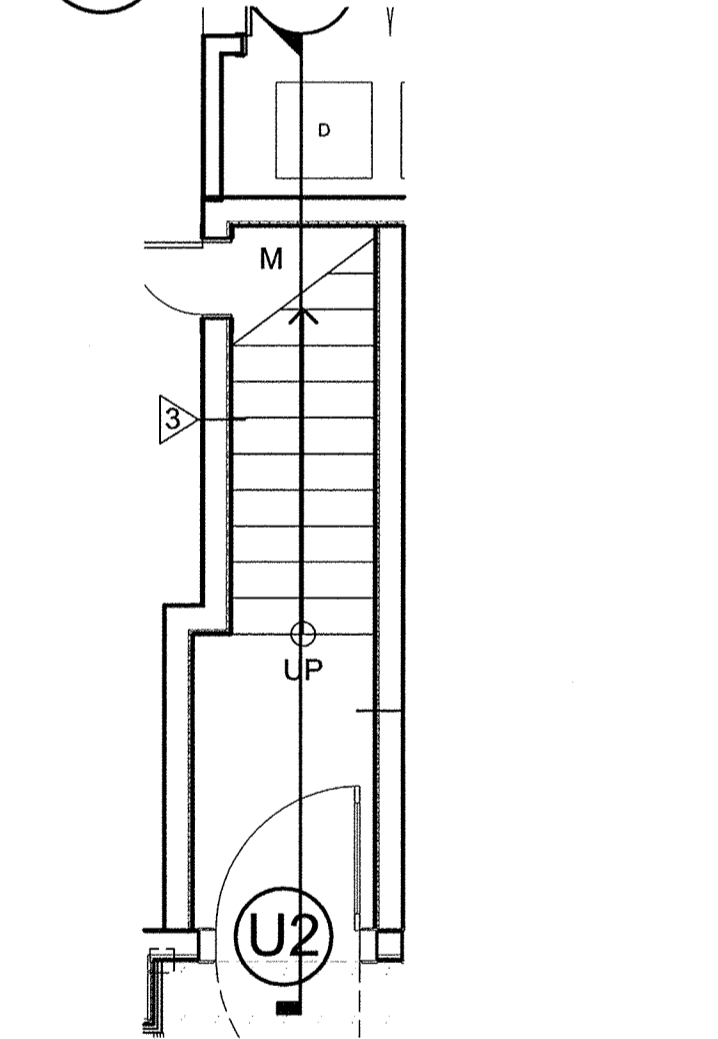
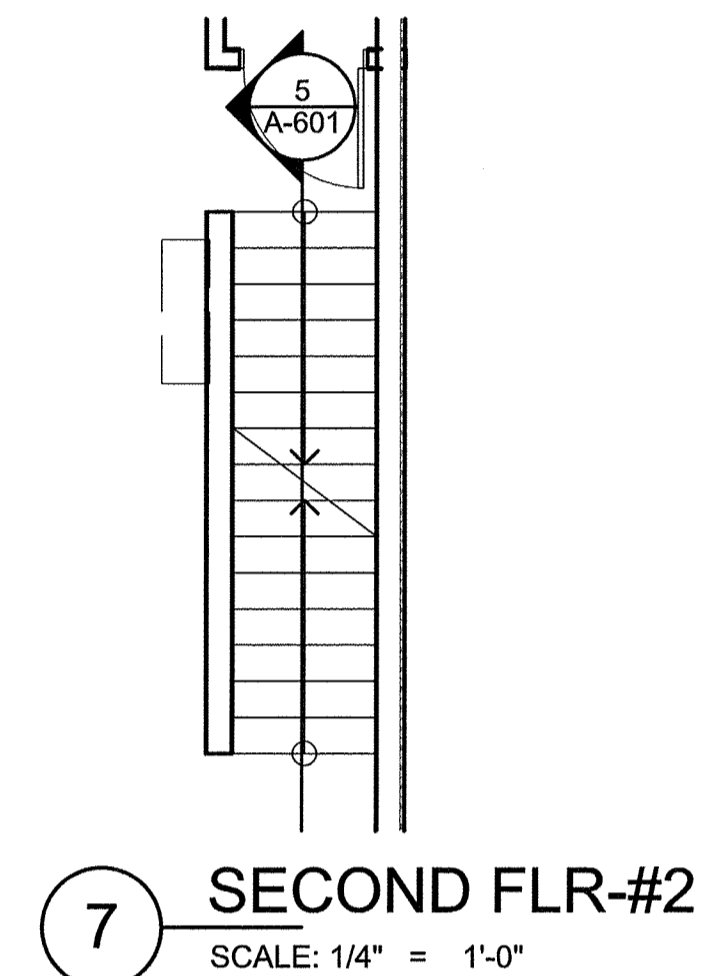
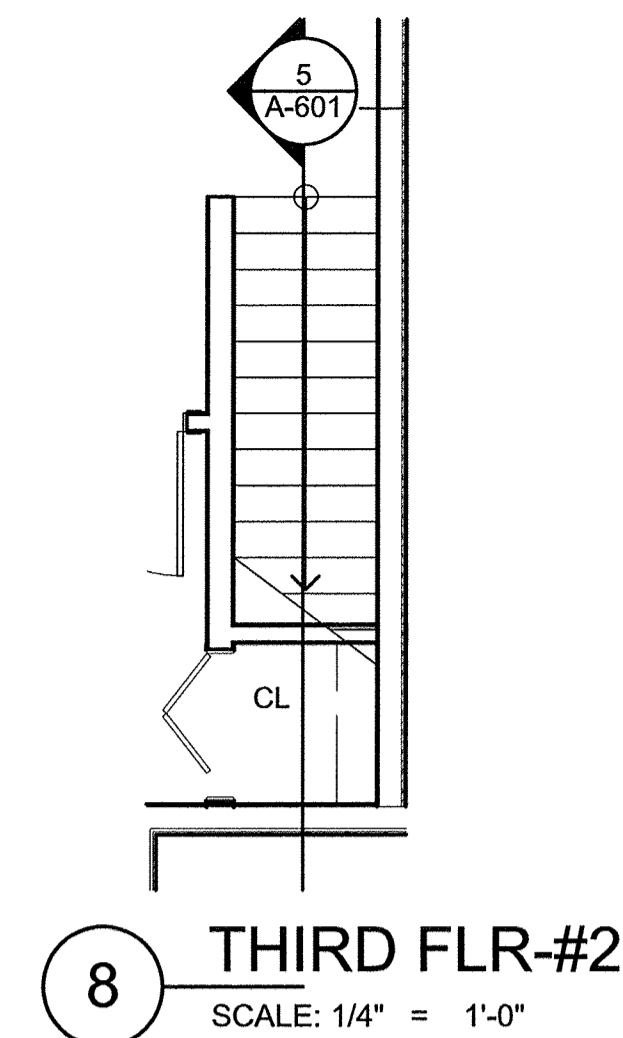
11 DETAIL @ TOP LANDING
SCALE: 1 1/2" = 1'-0"



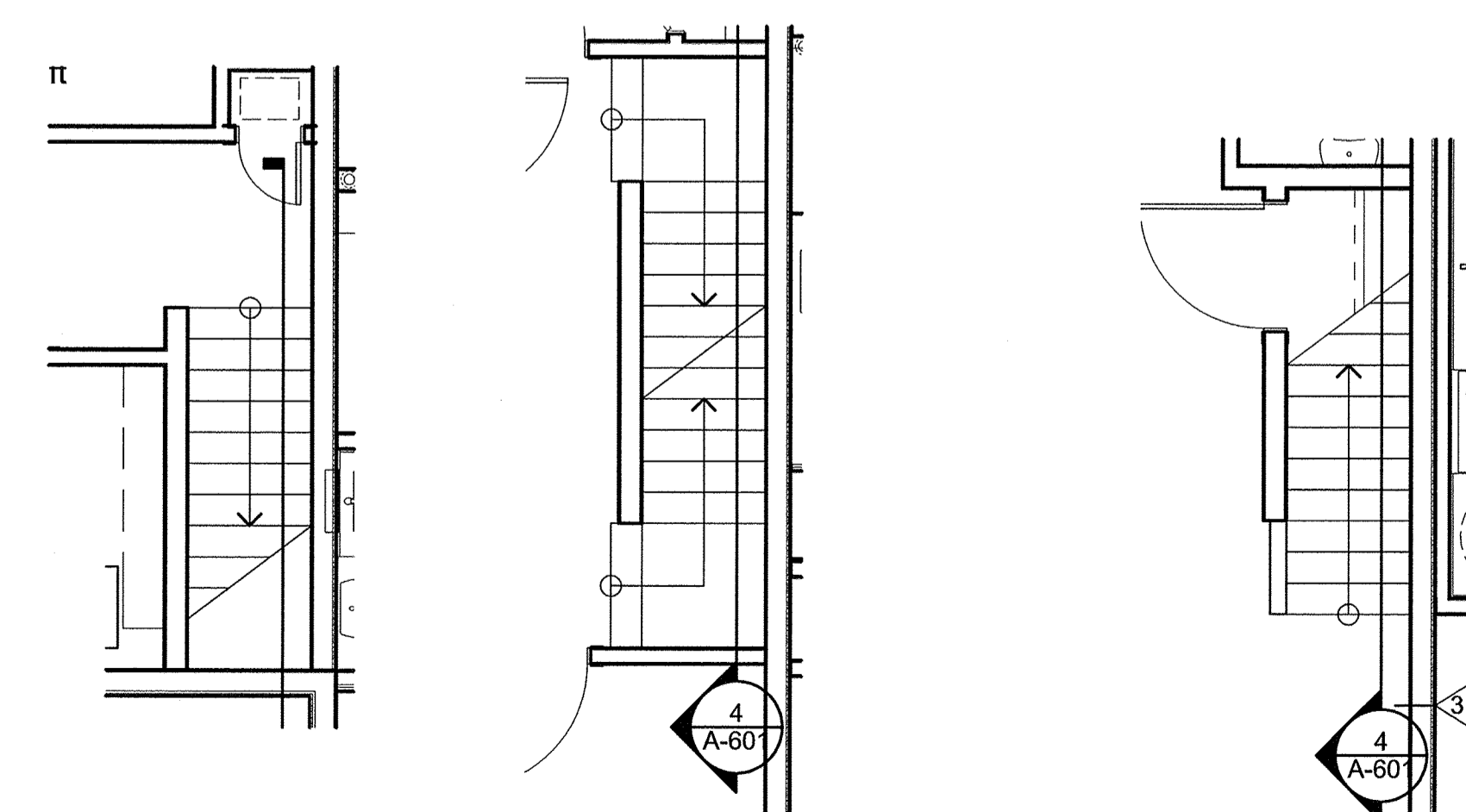
10 DETAIL @ HALF WALL CAP
SCALE: 3\"/>



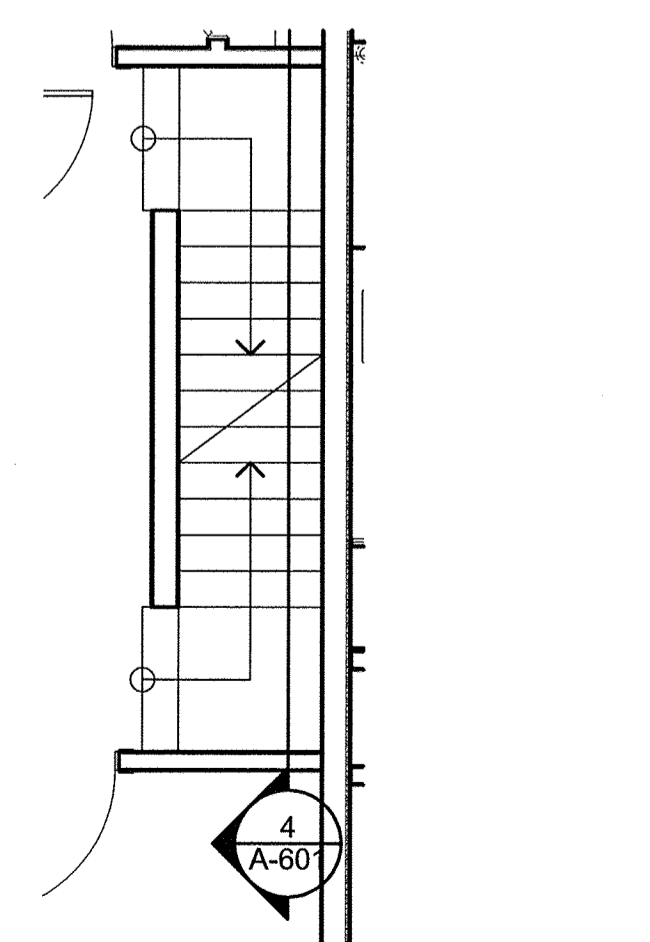
9 DETAIL @ LANDING
SCALE: 1 1/2" = 1'-0"



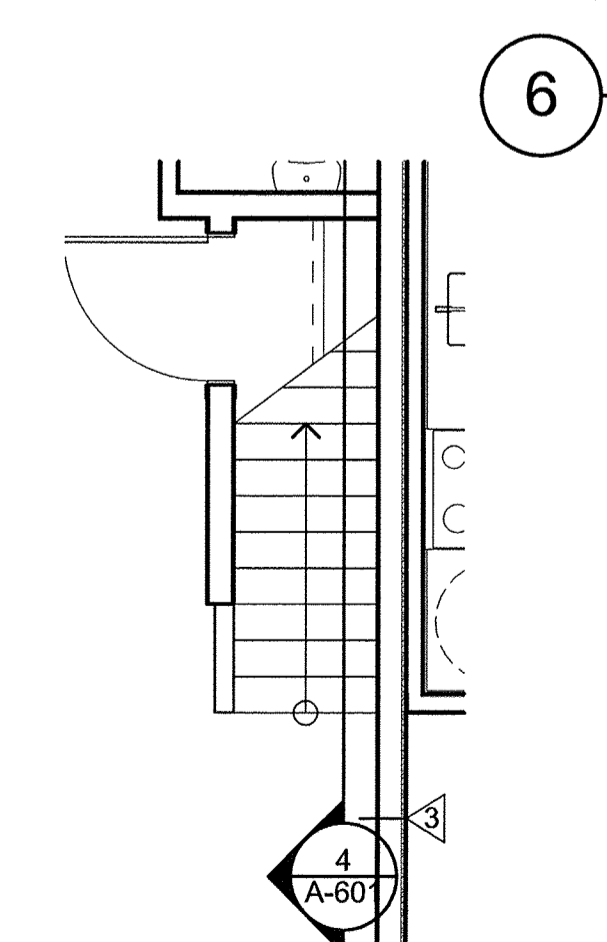
6 FIRST FLR-#2
SCALE: 1/4\"/>



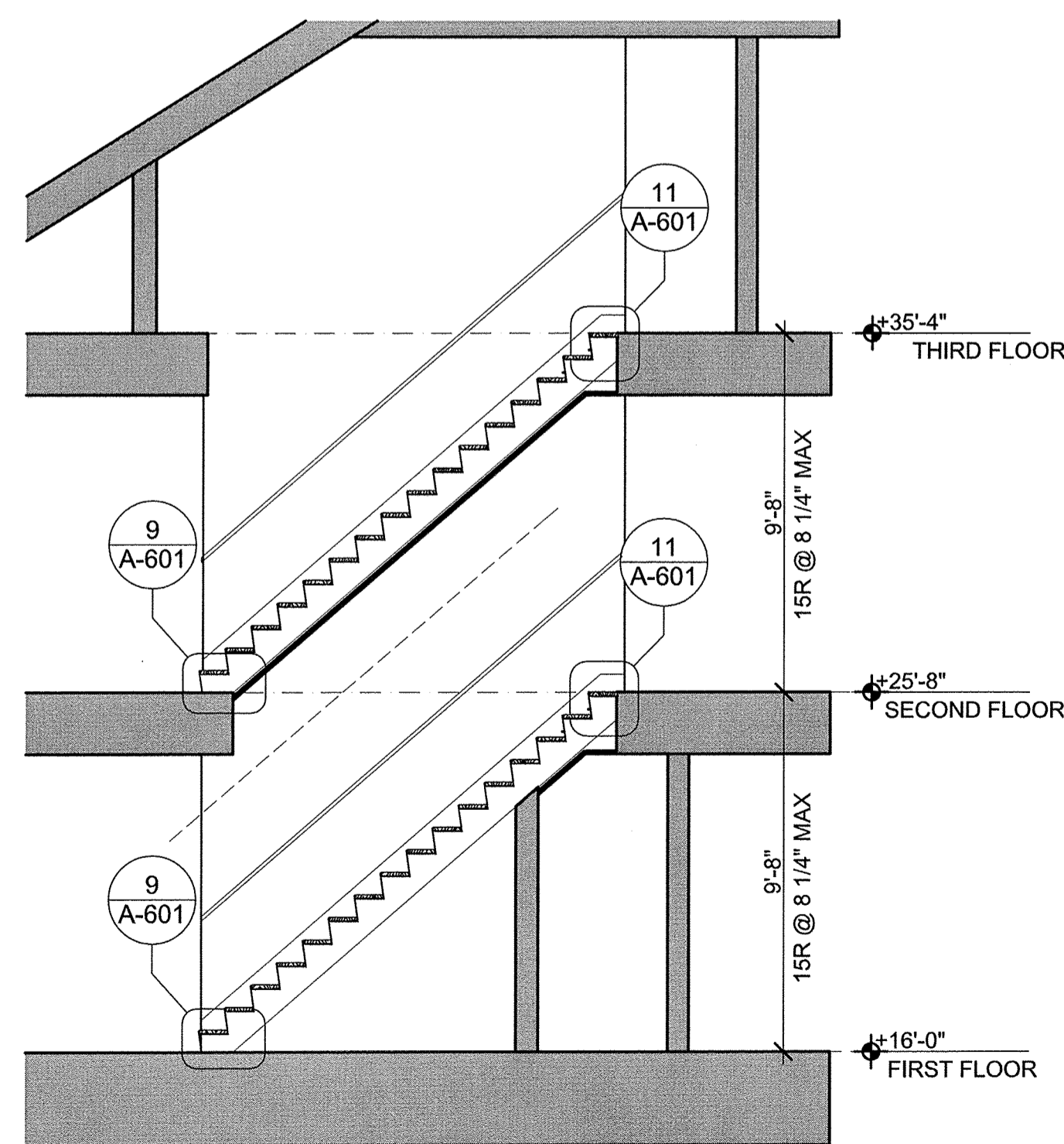
3 THIRD FLR-#3
SCALE: 1/4\"/>



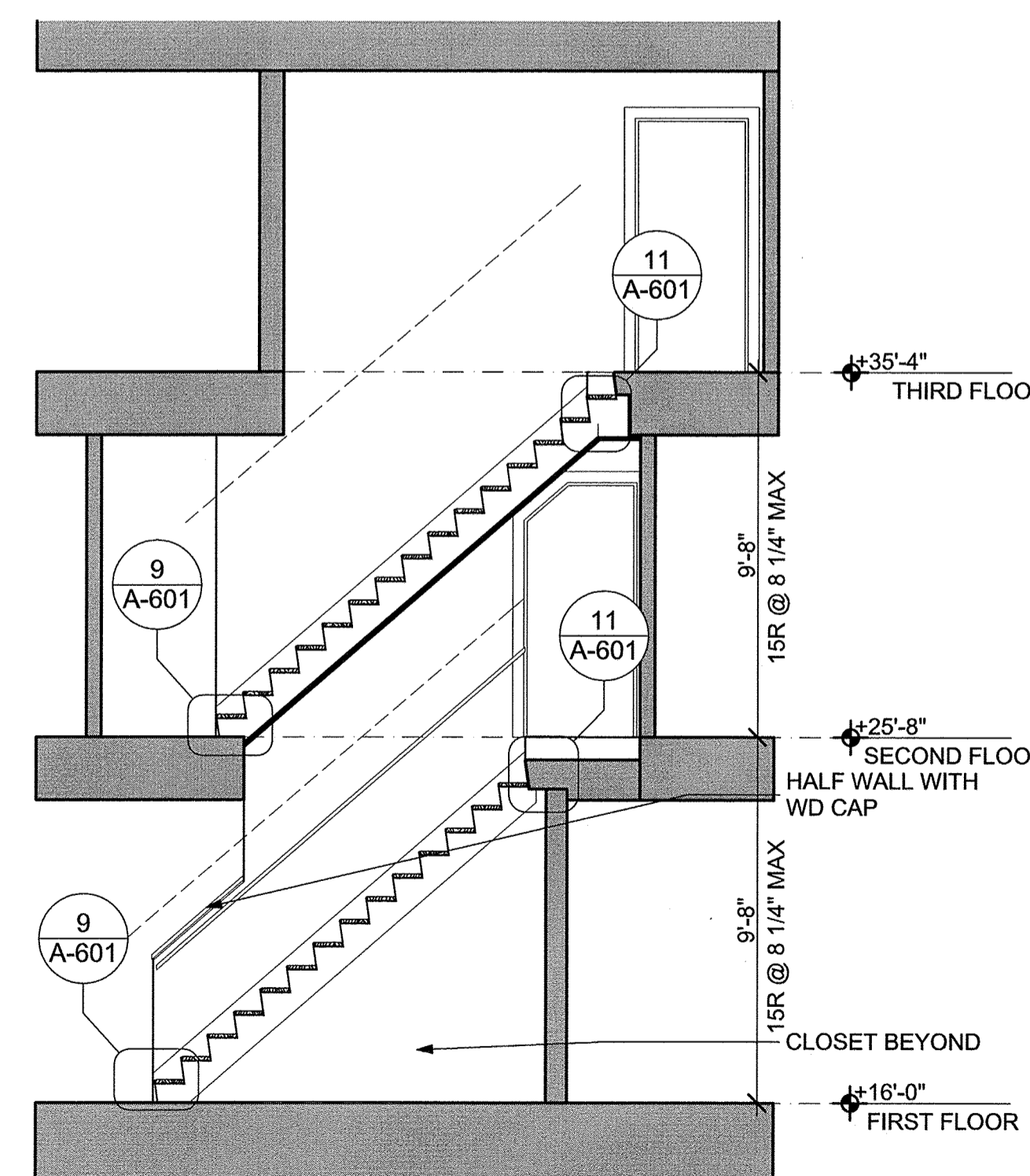
2 SECONDFLR-#3
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1 FIRST FLR-#3
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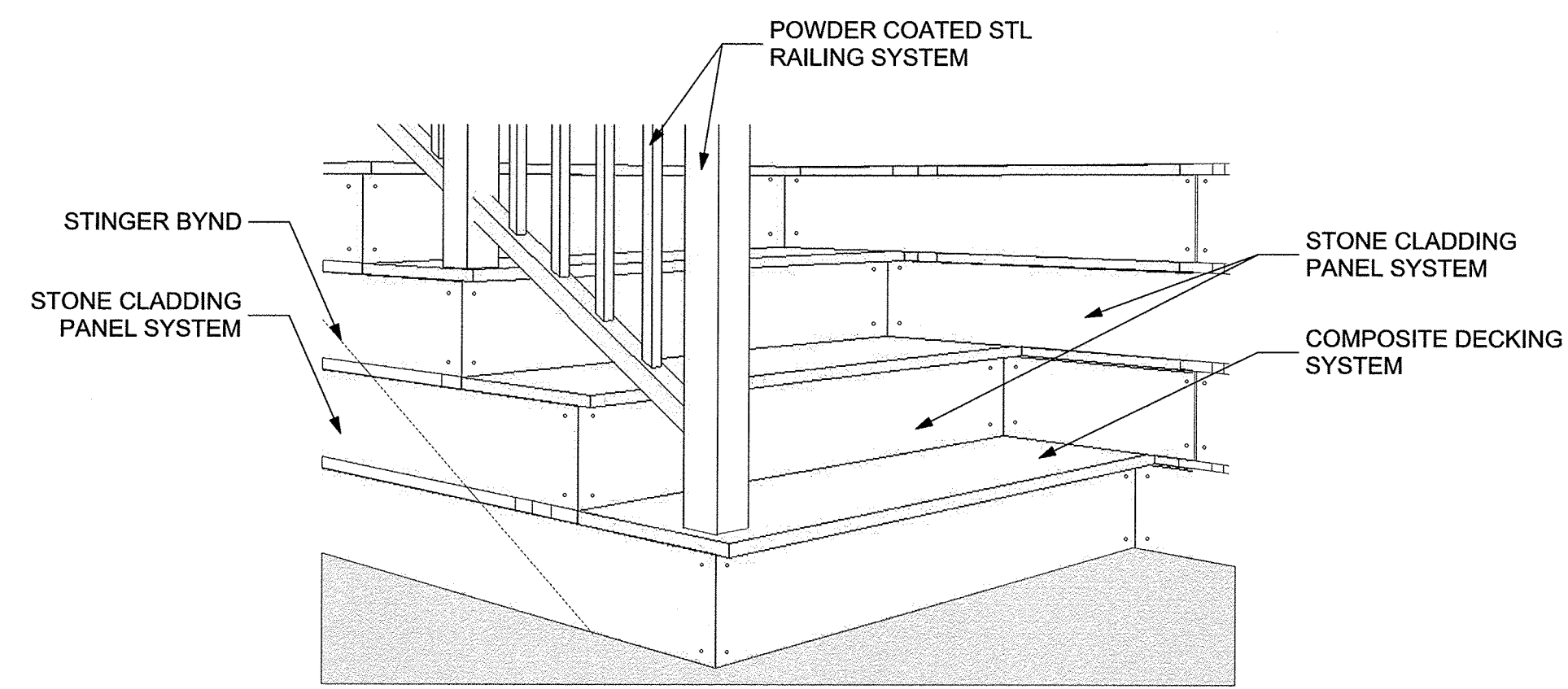


5 BLDG A INT UNIT STAIR #2
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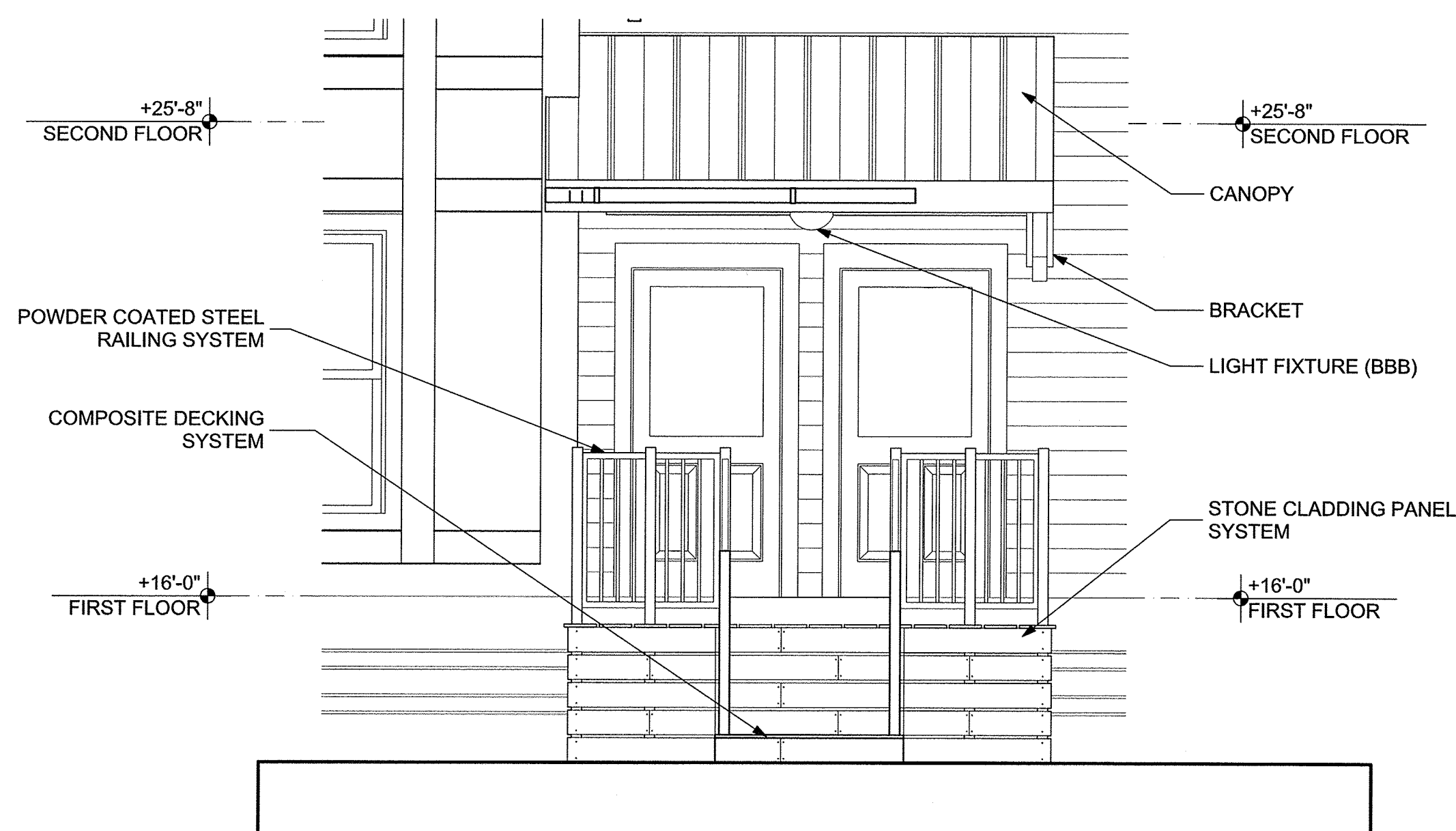


4 BLDG A INT UNIT STAIR #3 - 3BR/4BR
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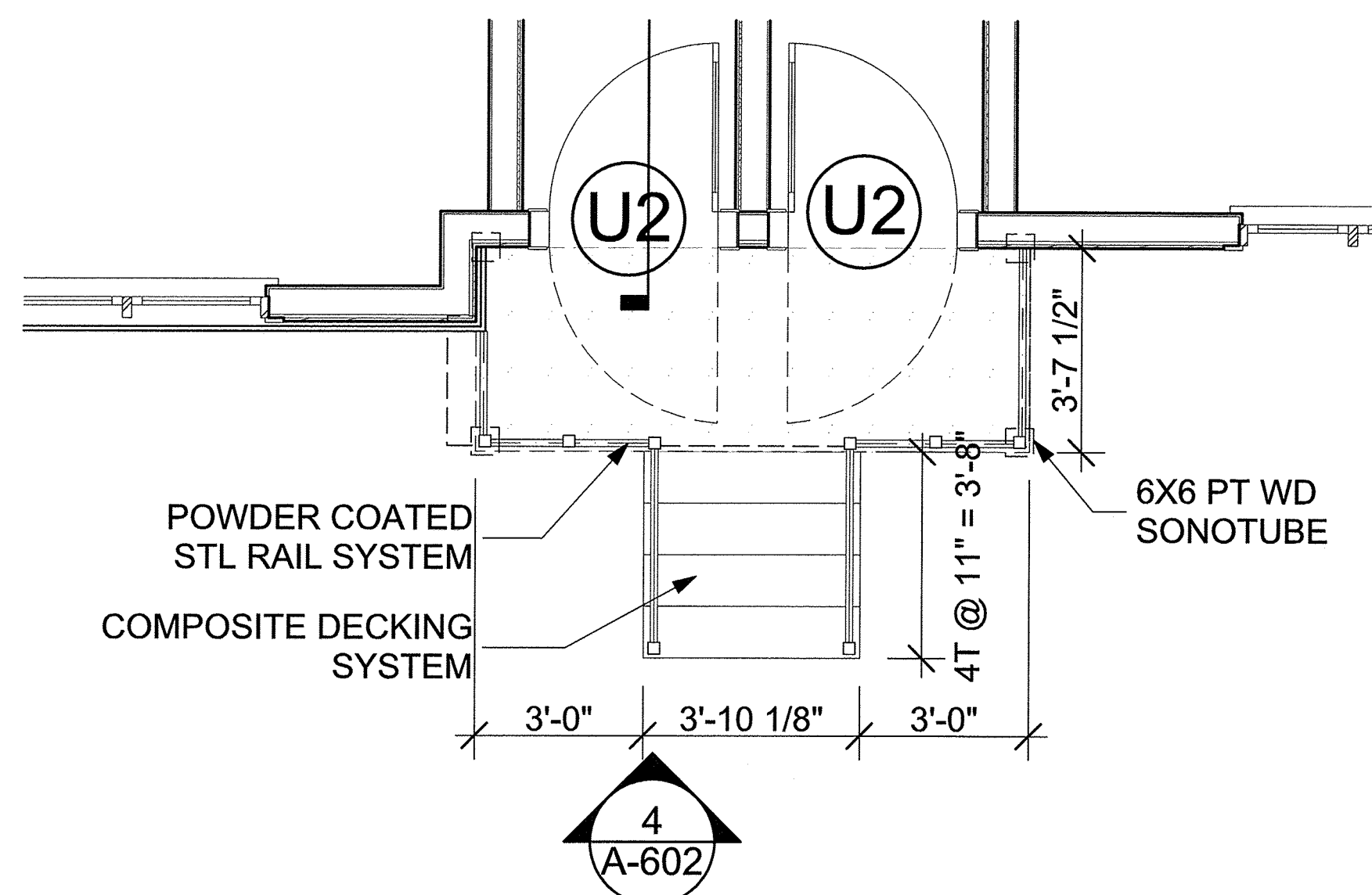
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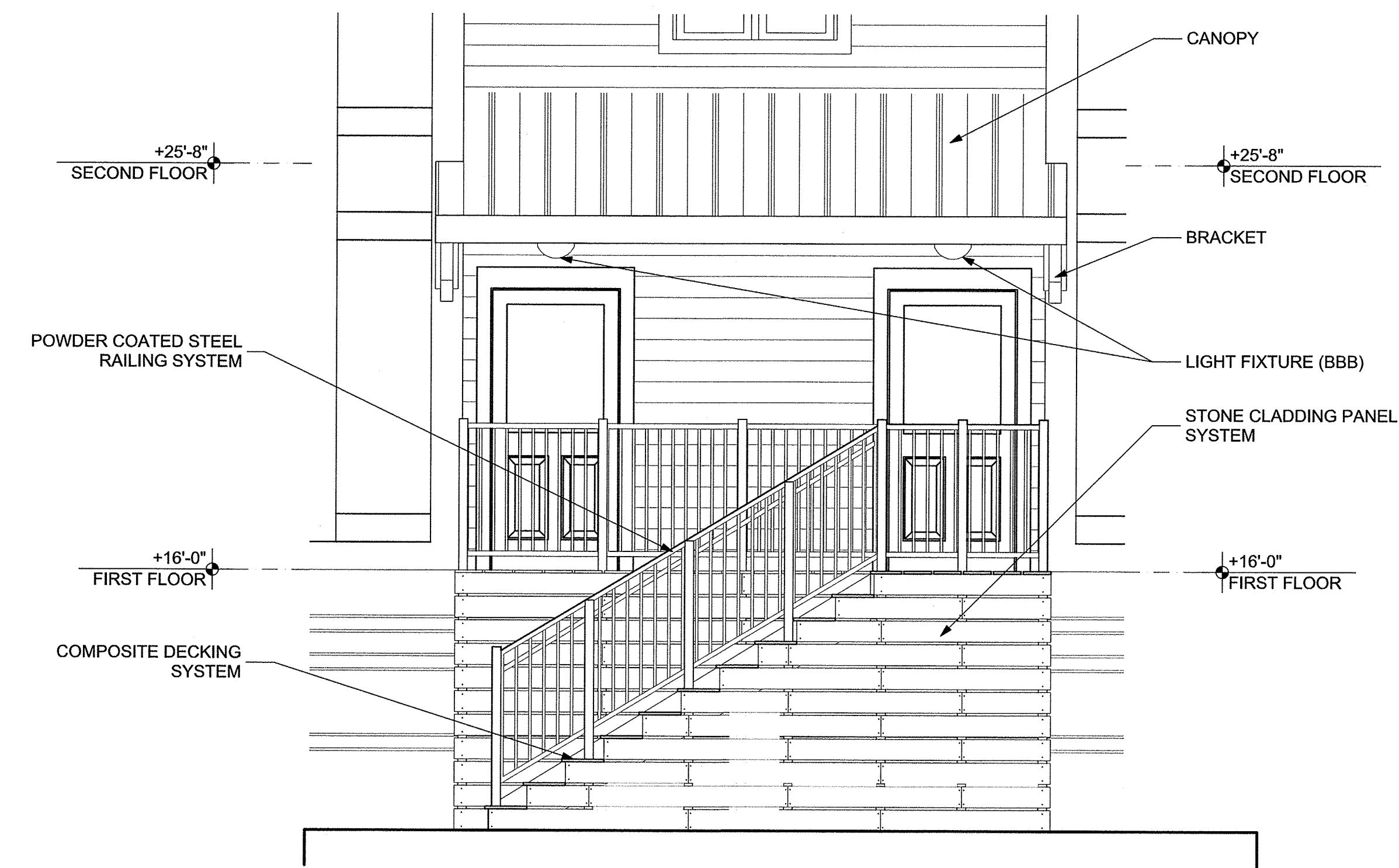
5 DETAIL @ EXTERIOR STAIR
SCALE: 1" = 1'-0"



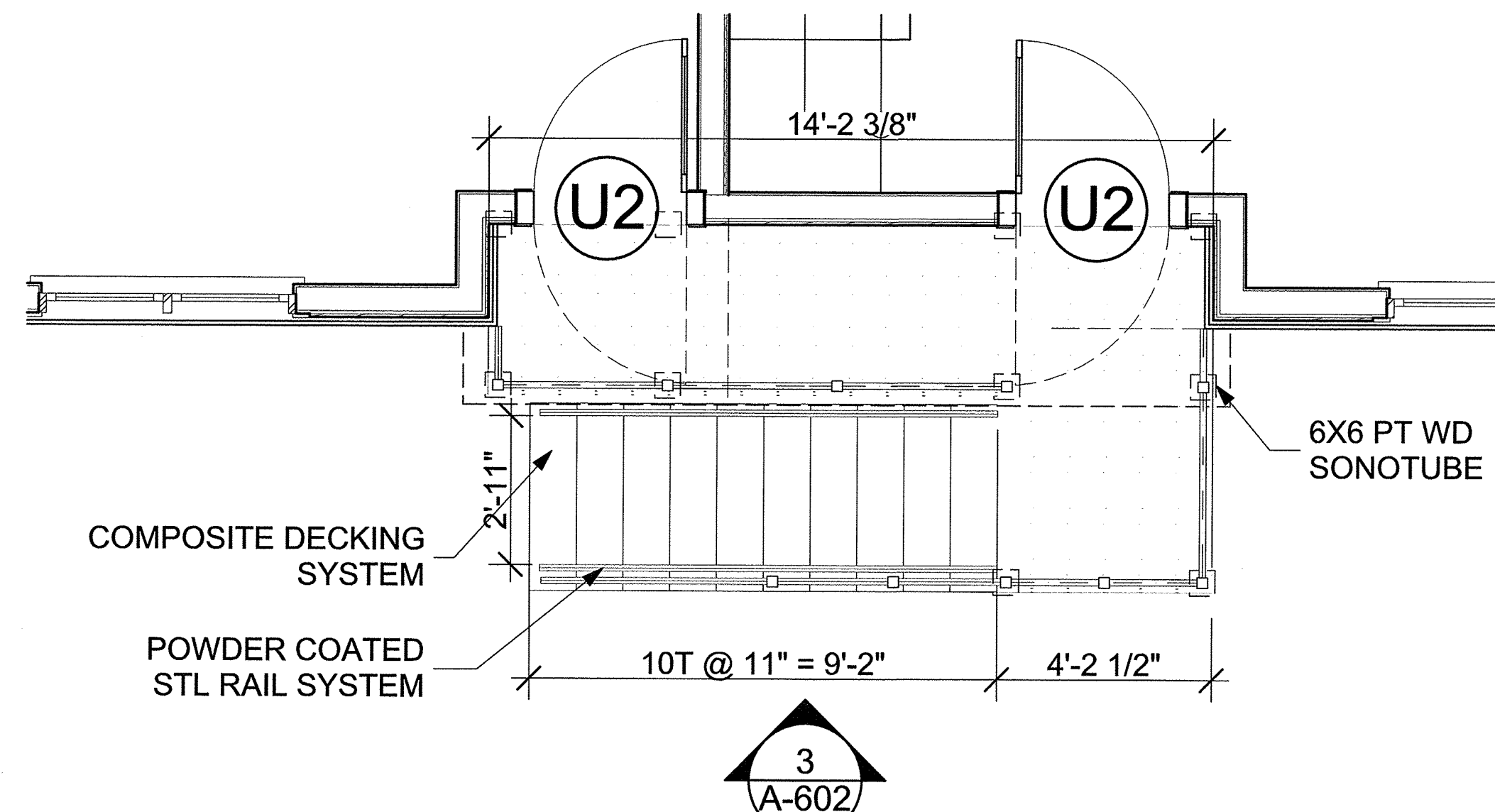
4 ENTRY STAIR ELEVATION
SCALE: 3/8" = 1'-0"



2 ENTRY STAIRS
SCALE: 3/8" = 1'-0"



3 ENTRY STAIR ELEVATION
SCALE: 3/8" = 1'-0"



1 ENTRY STAIRS
SCALE: 3/8" = 1'-0"

Washington Village
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13 Day Street
Building A

Norwalk, CT

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| | 09-19-2013 | CAM/ SPECIAL PERMIT |

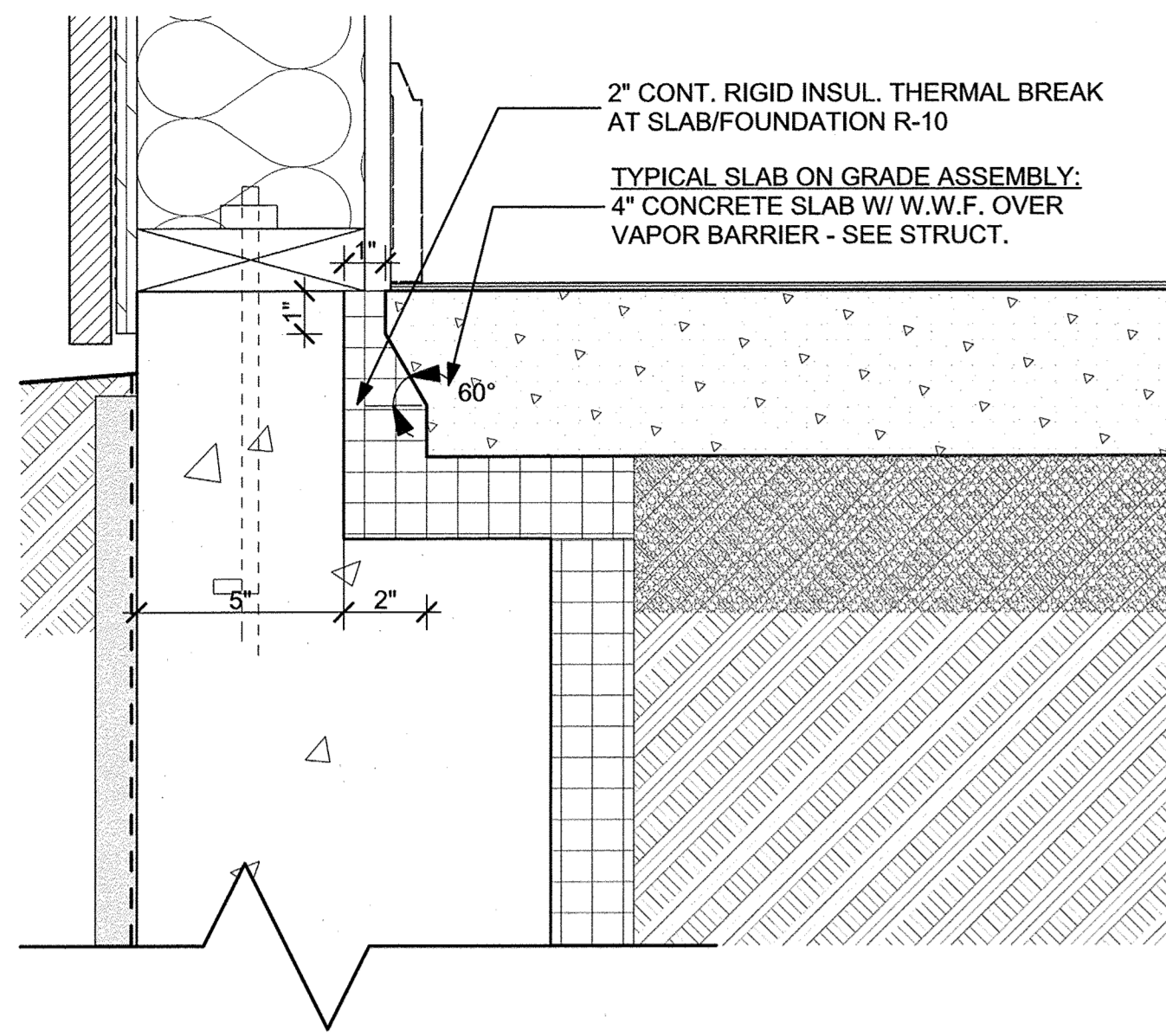
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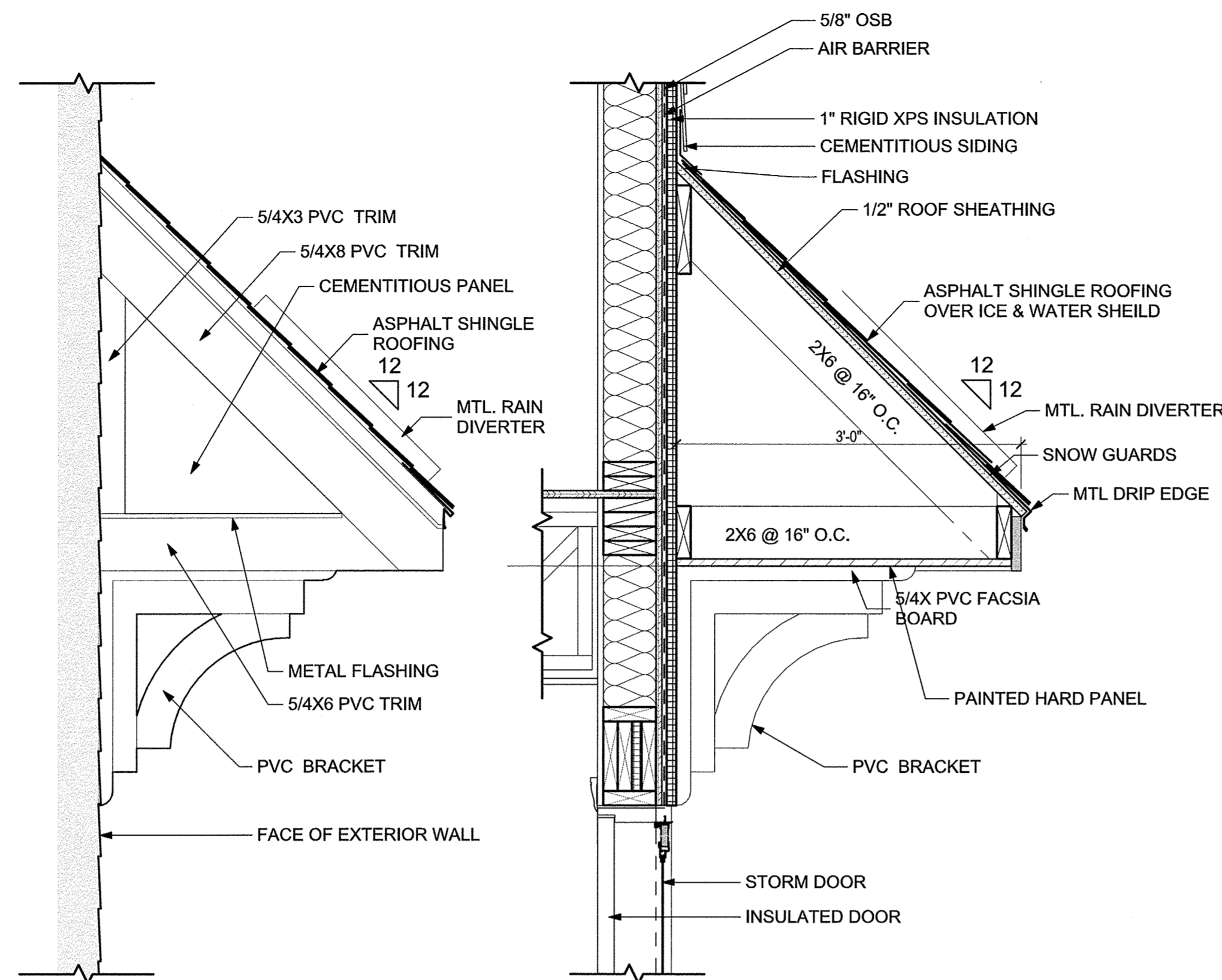
EXTERIOR STAIRS

A-602

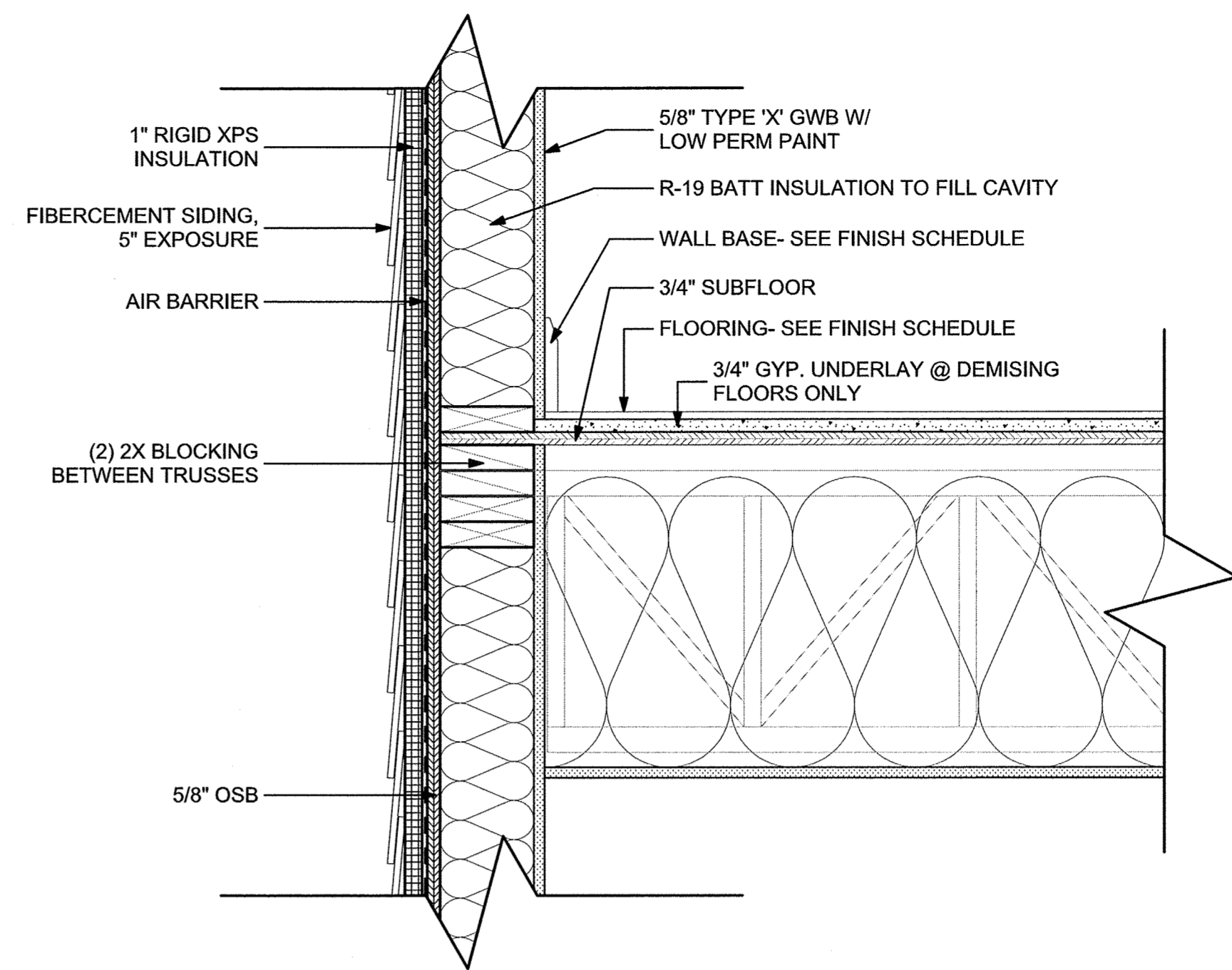
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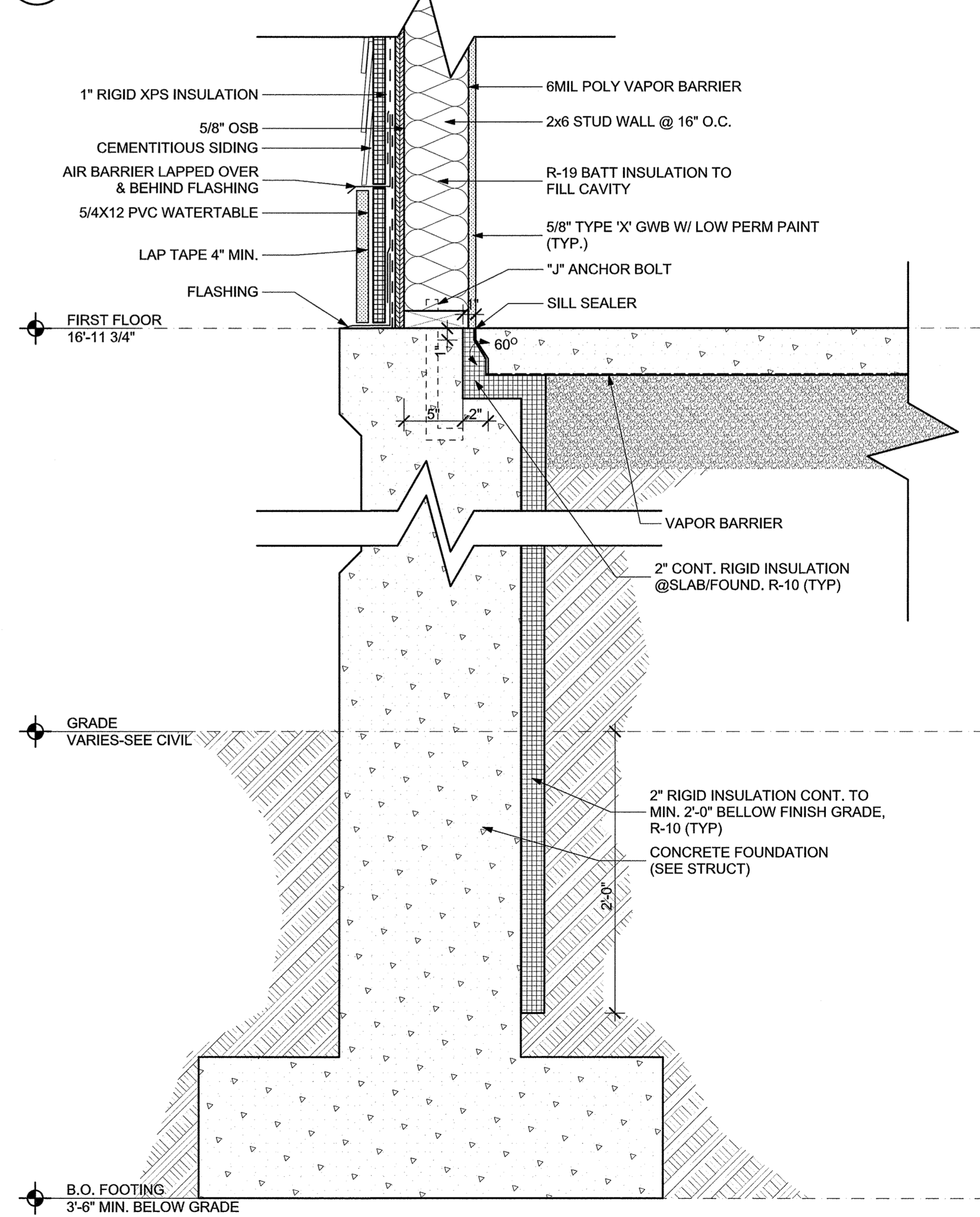
5 THERMAL BREAK AT SLAB EDGE DETAIL
 SCALE: 3" = 1'-0"



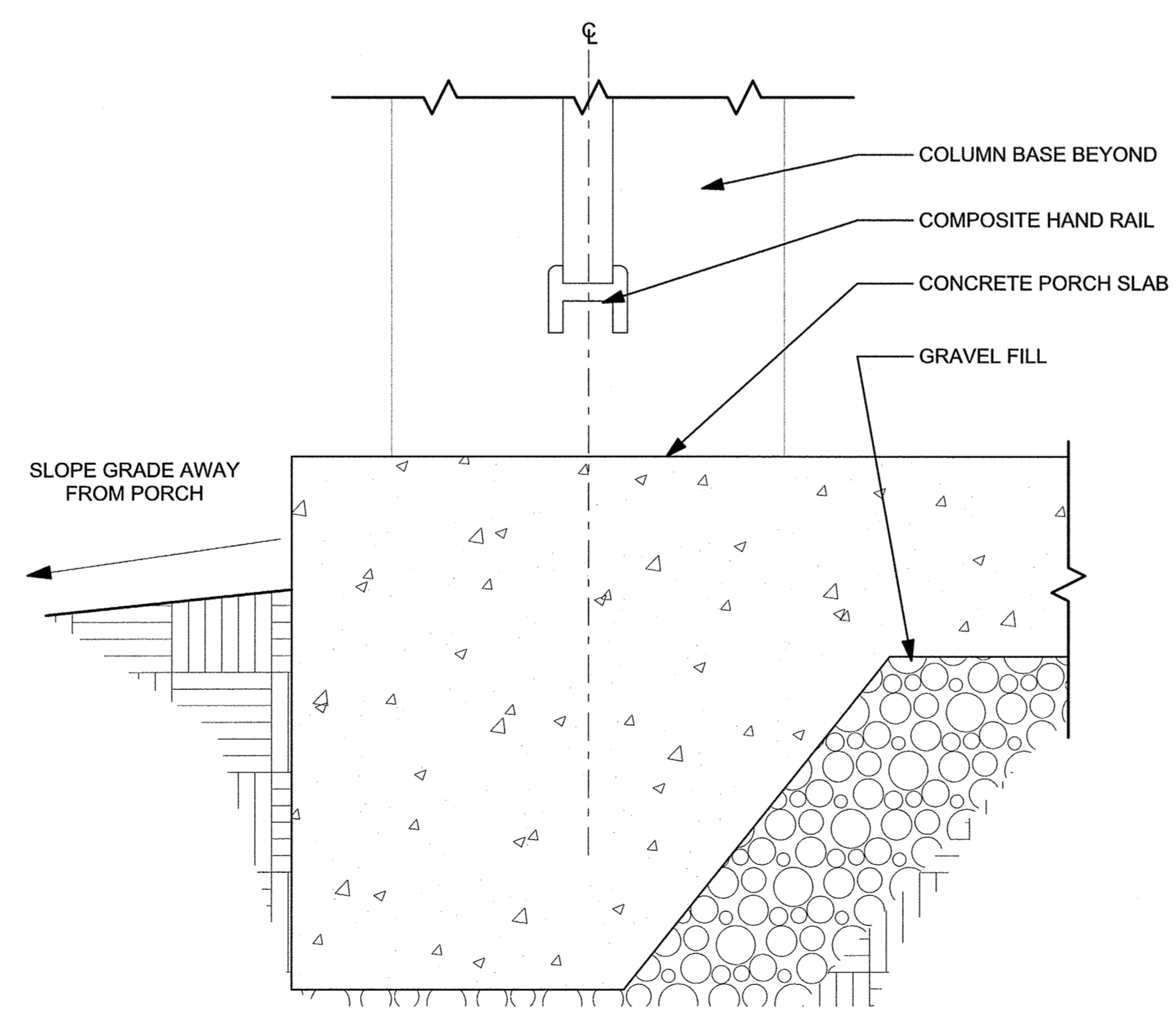
4 ENTRY CANOPY SECTION & SIDE ELEVATION
 SCALE: 1" = 1'-0"



2 FLOOR @ EXTERIOR WALL
 SCALE: 1 1/2" = 1'-0"



1 EXTERIOR WALL @ FOUNDATION
 SCALE: 1 1/2" = 1'-0"



3 PORCH EDGE DETAIL
 SCALE: 3" = 1'-0"

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EXTERIOR DETAILS

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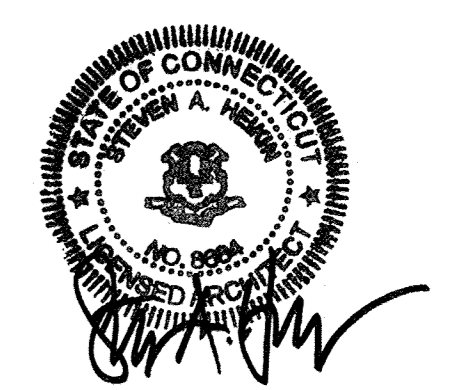
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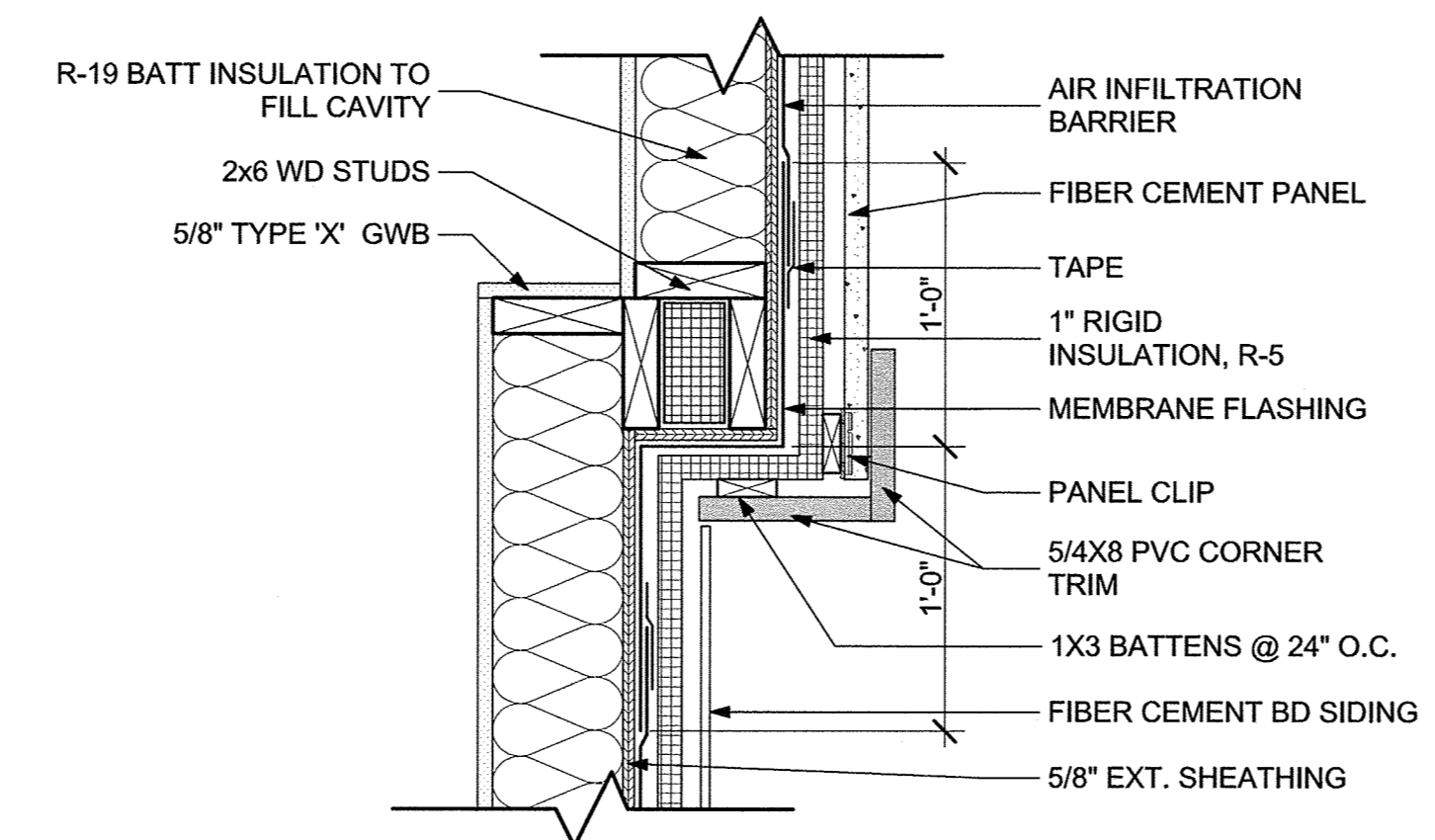
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| | 09-19-2013 | CAM/ SPECIAL PERMIT |

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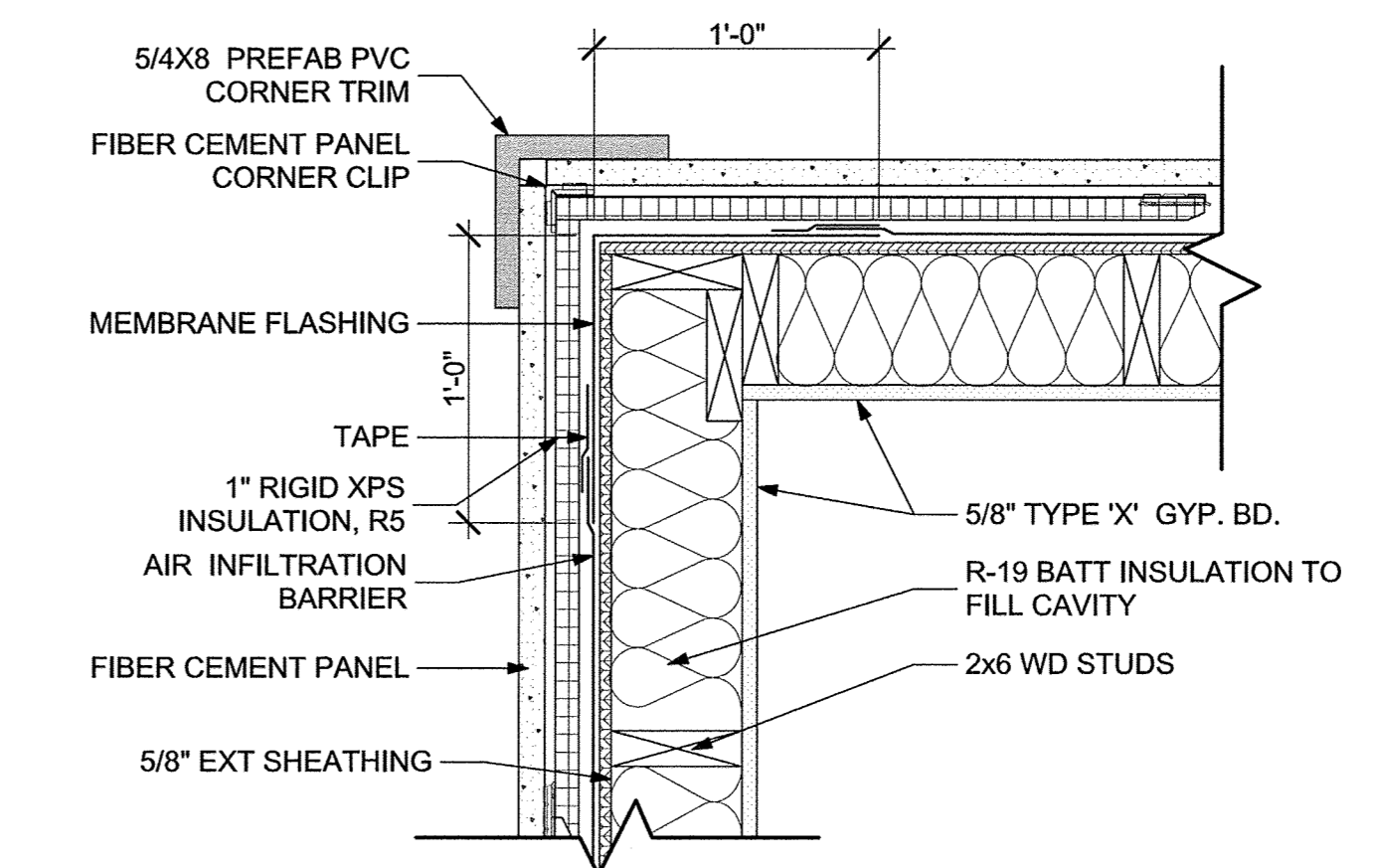
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PLAN DETAILS

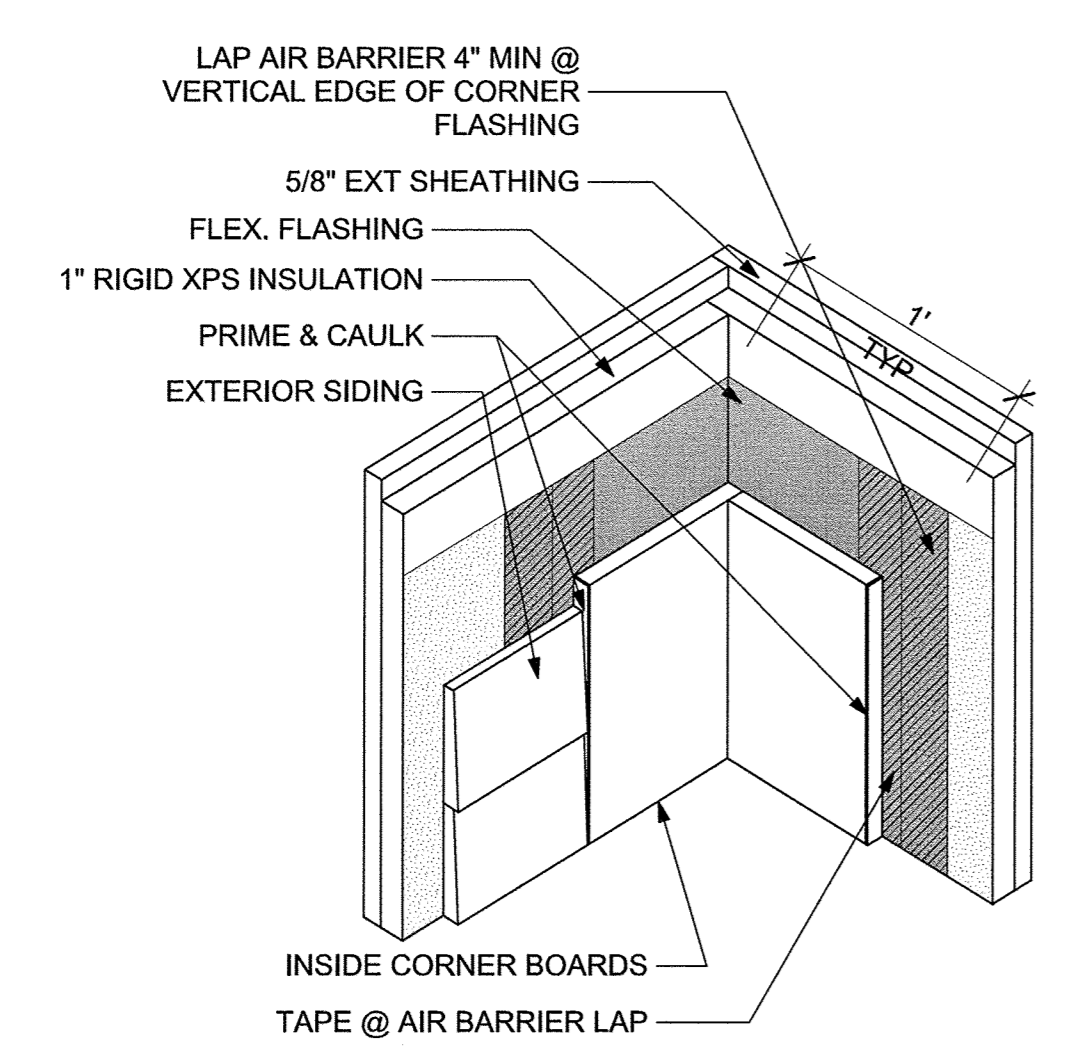
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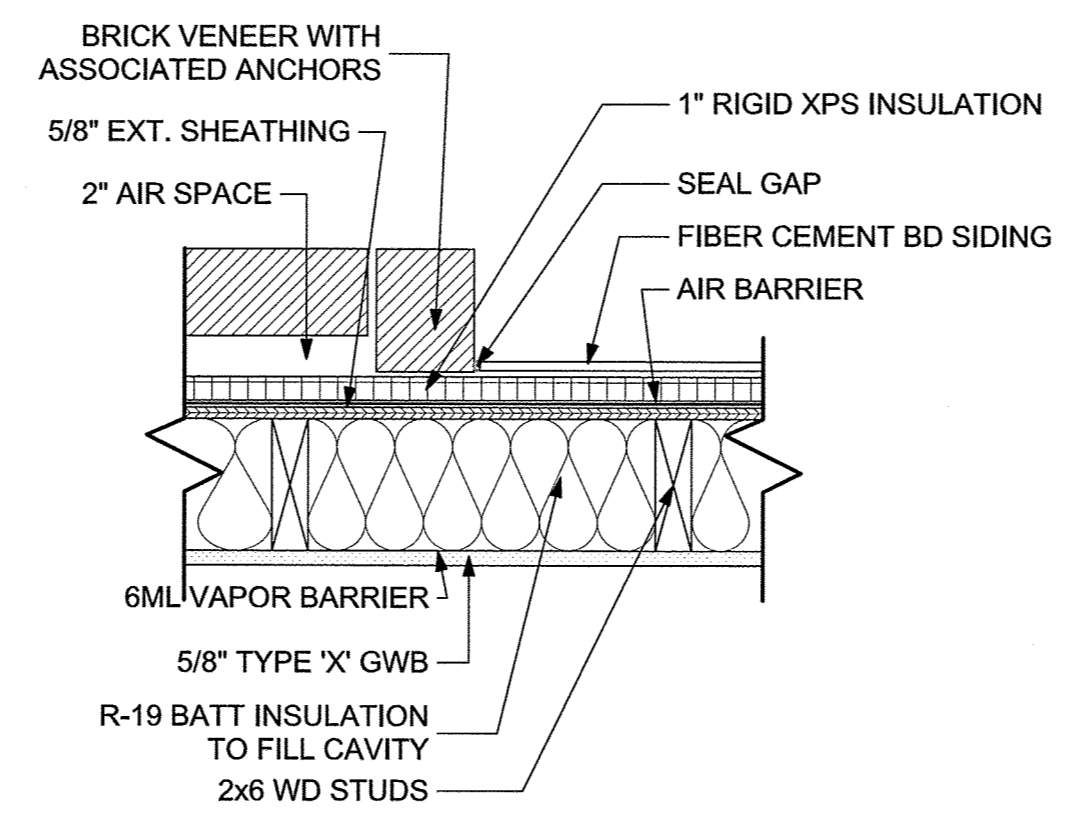
6 BAY CORNER
SCALE: 1 1/2" = 1'-0"



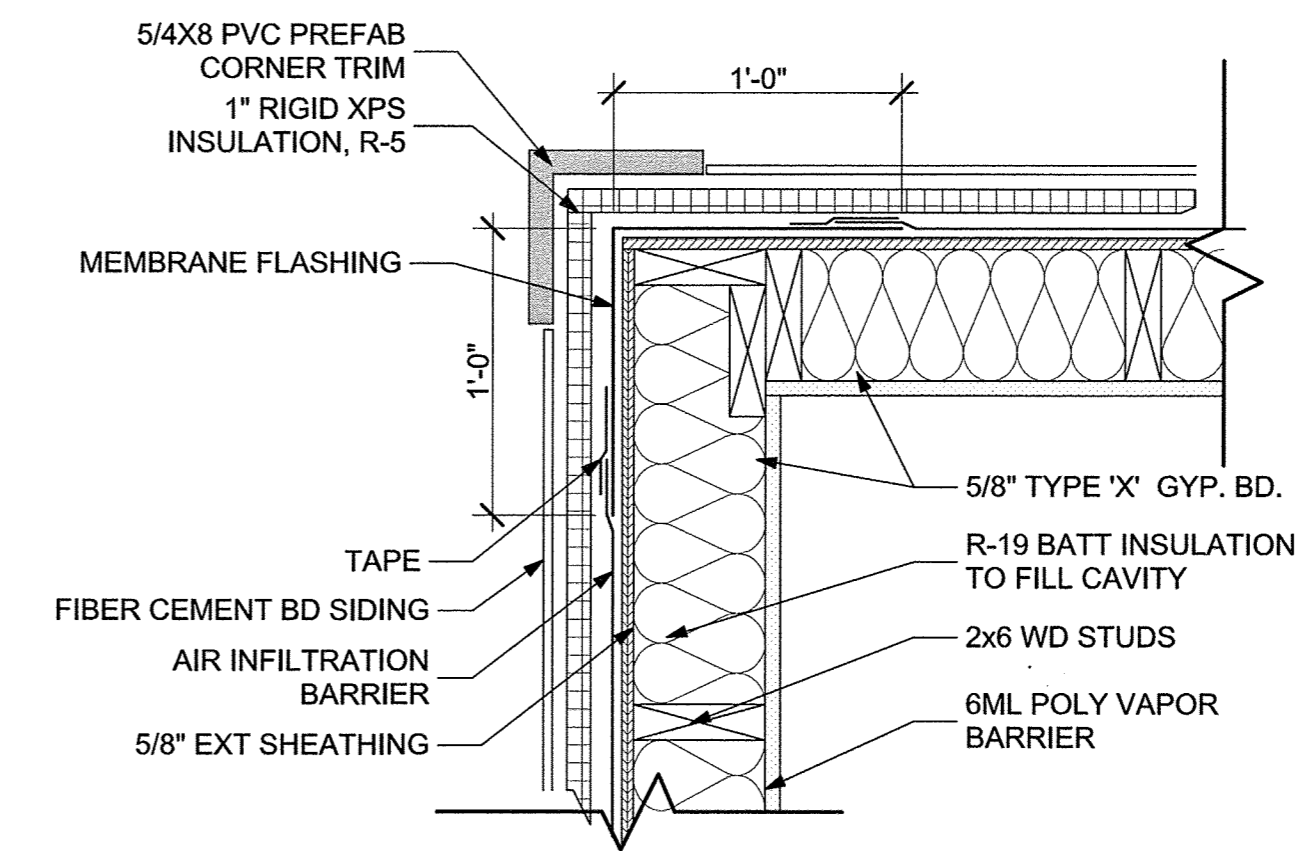
3 FIBER CEMENT PANEL @ OUTSIDE CORNER
SCALE: 1 1/2" = 1'-0"



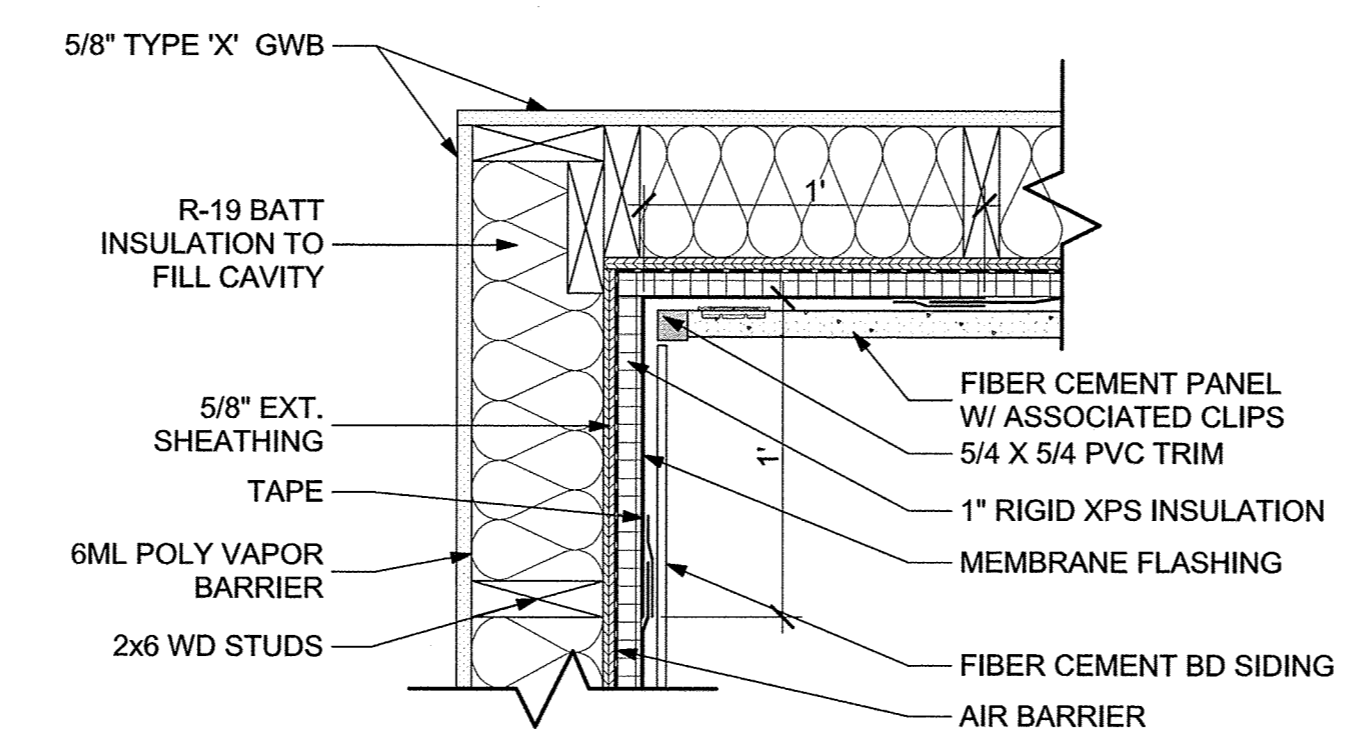
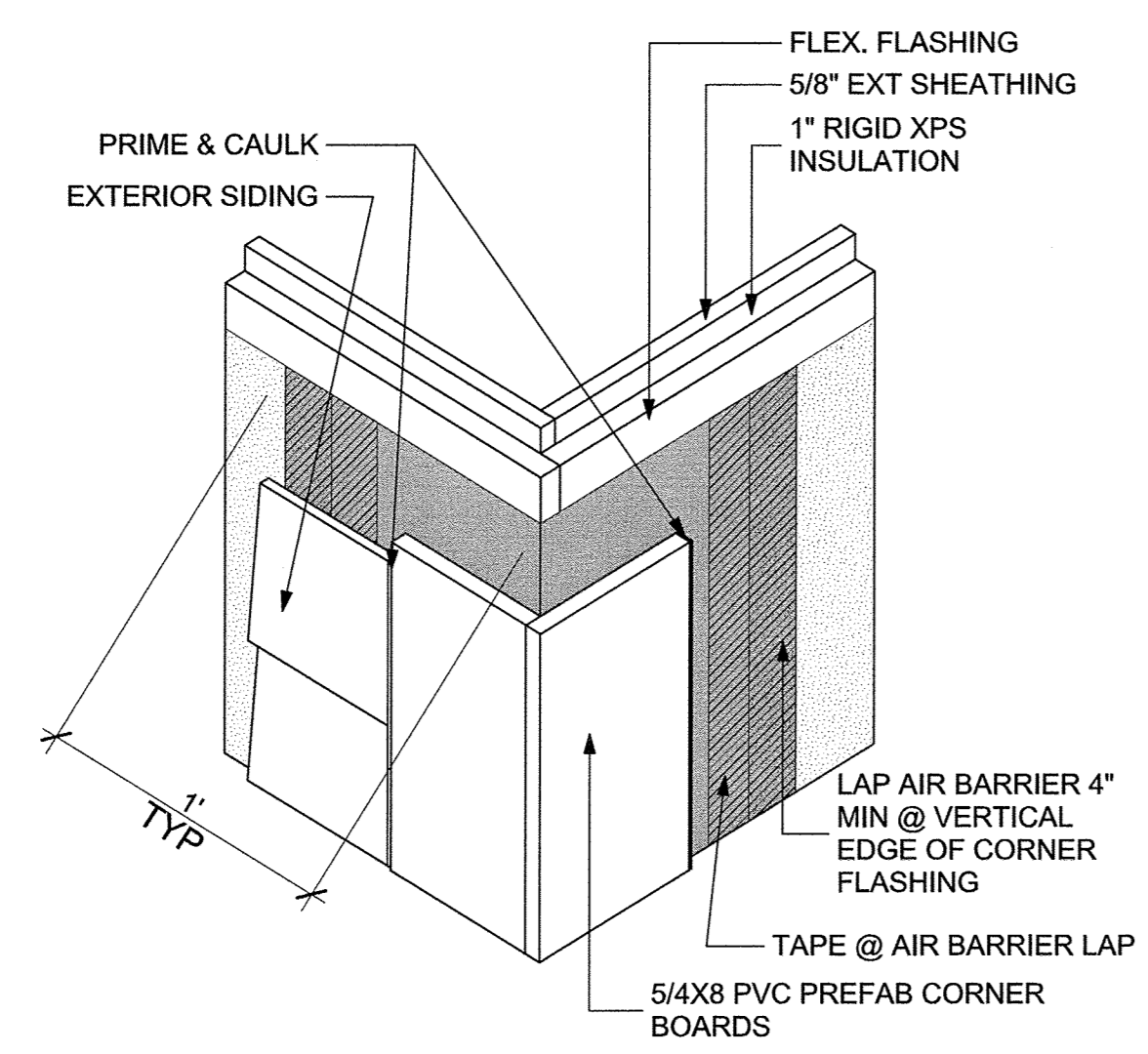
7 CORNER SIDING DETAIL
SCALE: 3" = 1'-0"



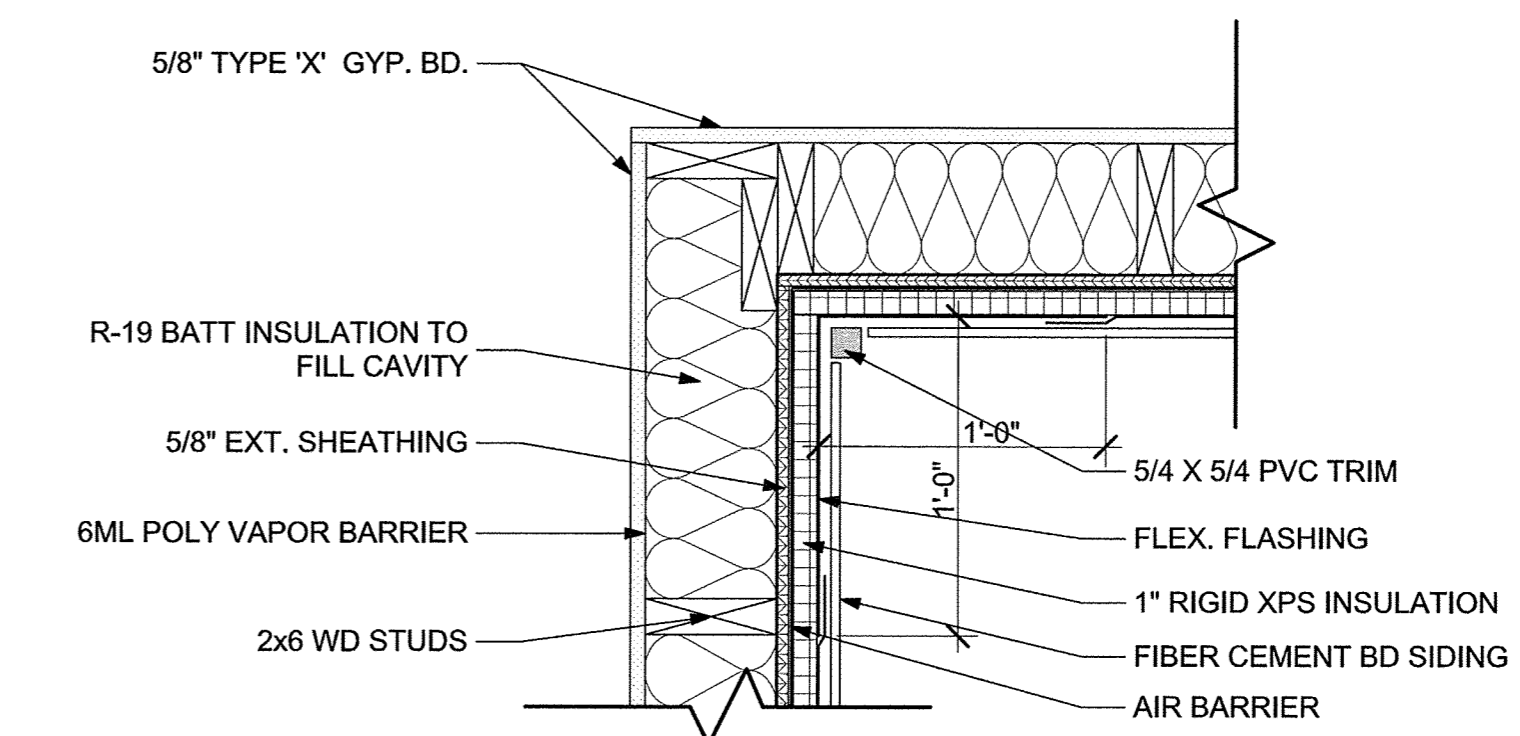
5 MATERIAL TRANSITION
SCALE: 1 1/2" = 1'-0"



2 FIBER CEMENT SIDING @ OUTSIDE CORNER
SCALE: 1 1/2" = 1'-0"



4 FIBER CEMENT TRANSITION @ INSIDE CORNER
SCALE: 1 1/2" = 1'-0"



1 FIBER CEMENT SIDING INSIDE CORNER
SCALE: 1 1/2" = 1'-0"

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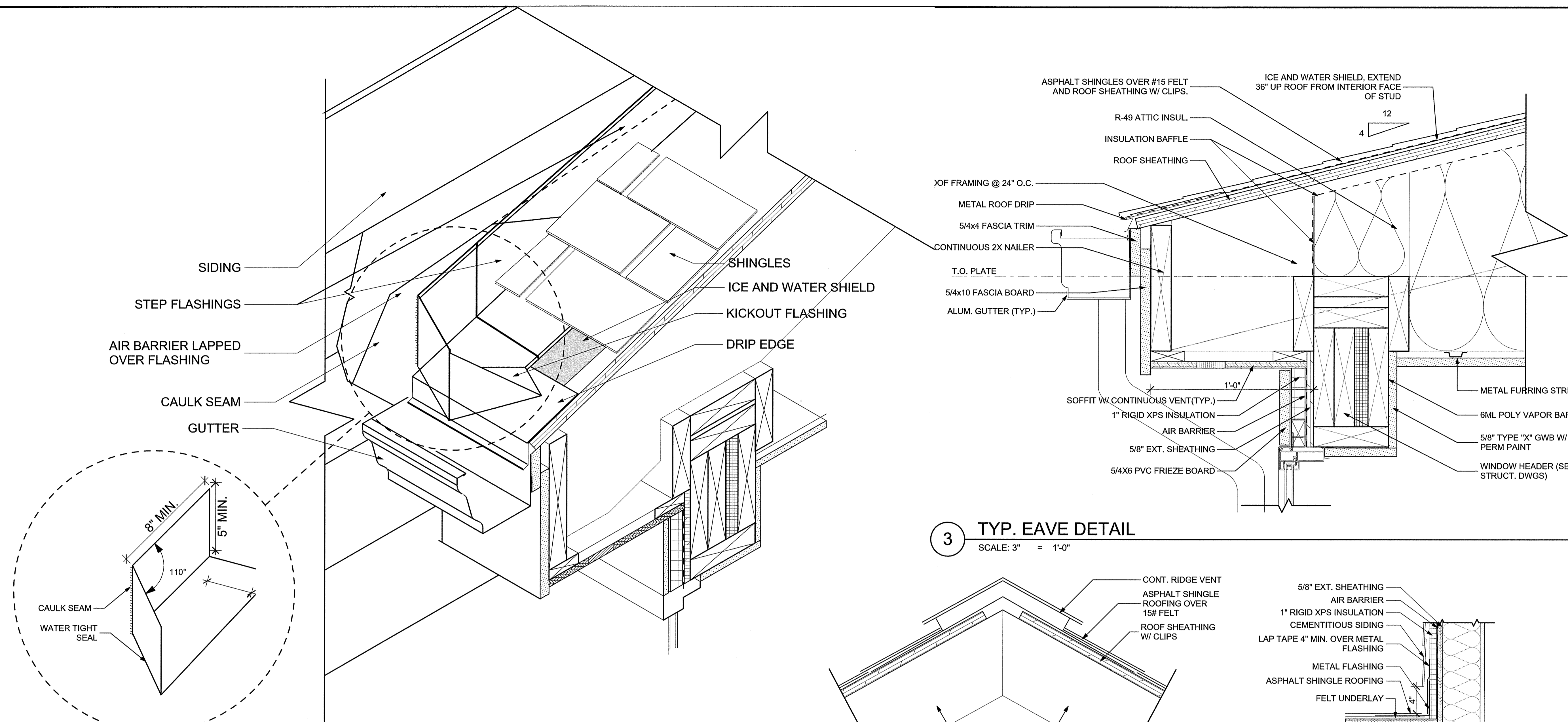
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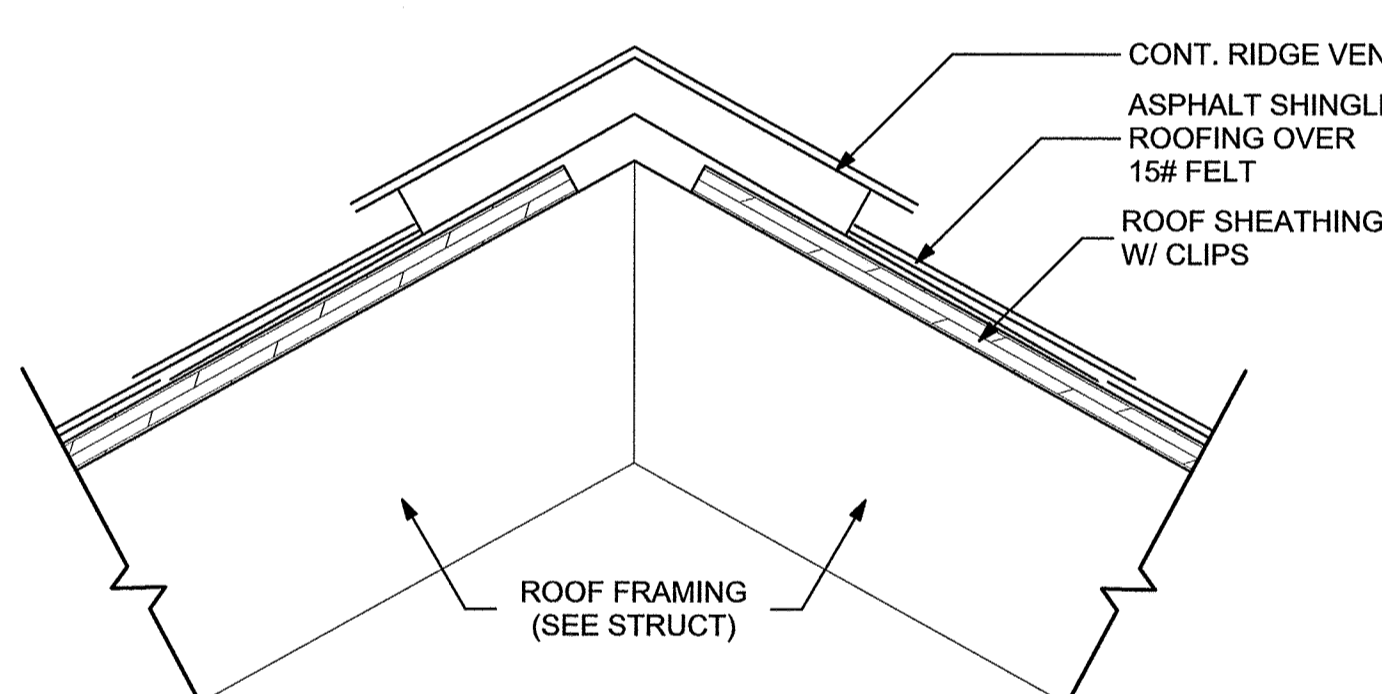
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ROOF DETAILS

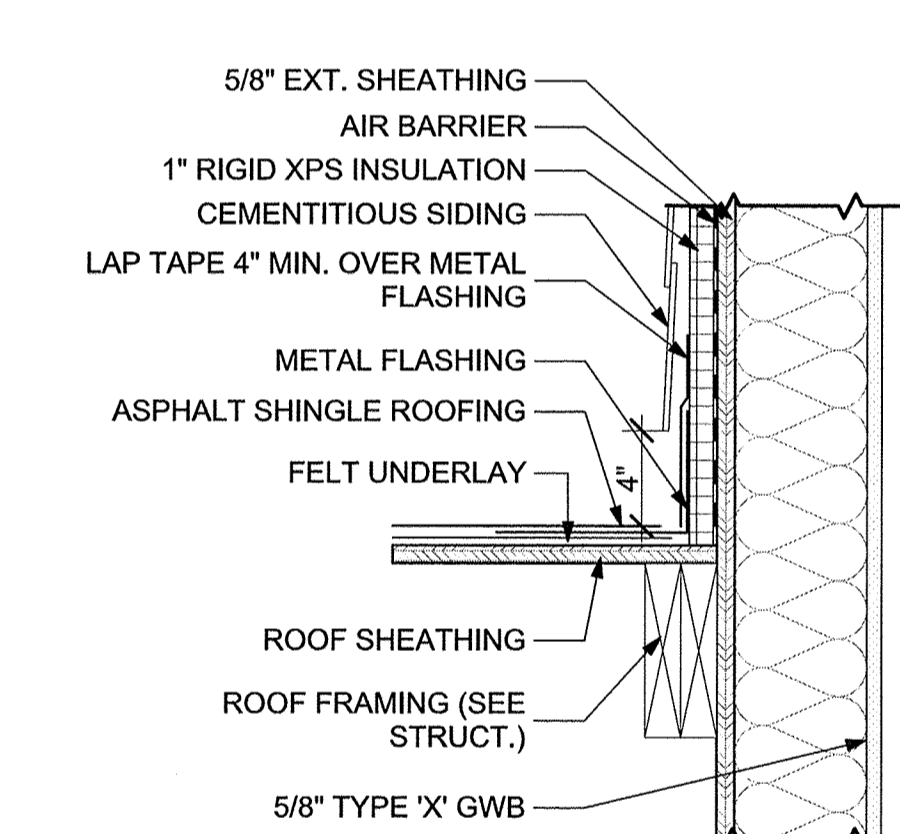
A-703



3 TYP. EAVE DETAIL
SCALE: 3" = 1'-0"

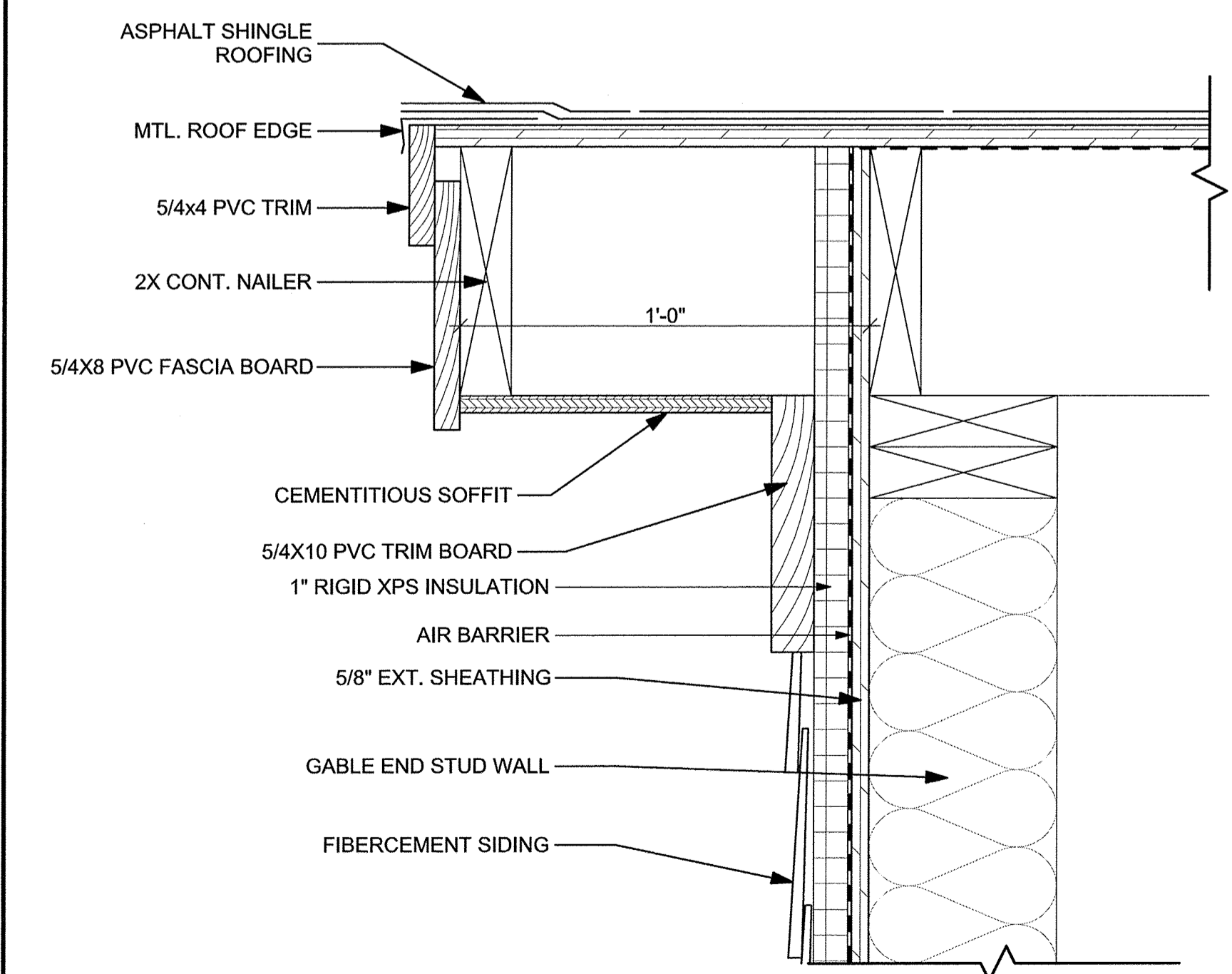
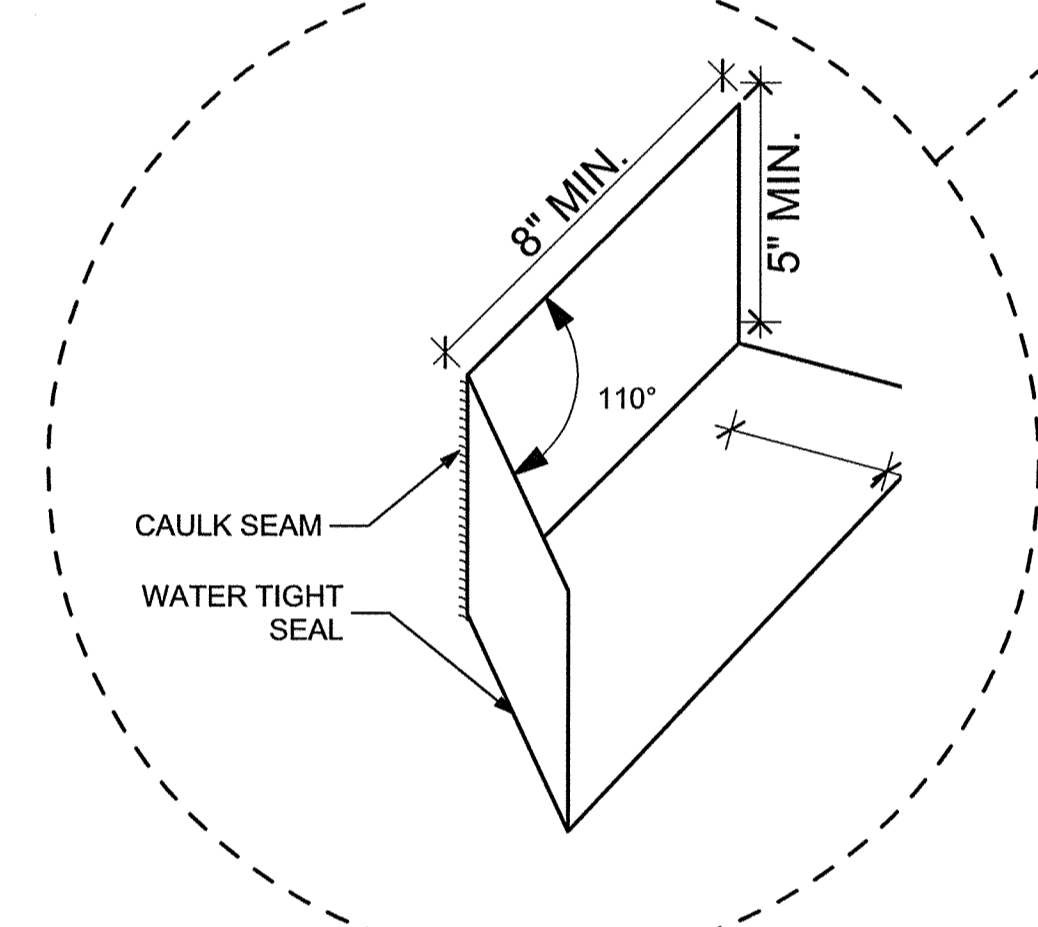


5 TYP. RIDGE VENT DETAIL
SCALE: 3" = 1'-0"

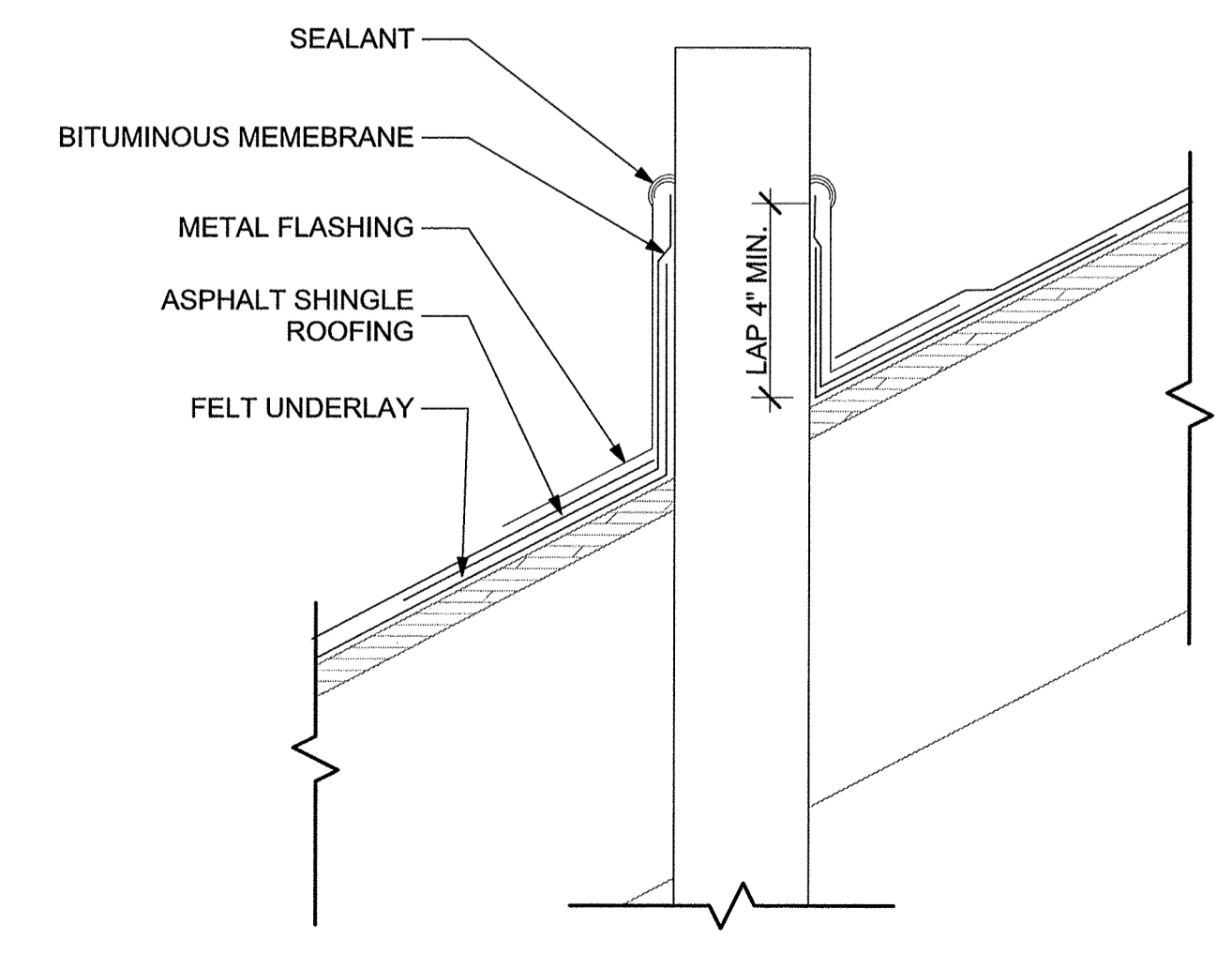


2 ROOF/GABLE INTERSECTION
SCALE: 1 1/2" = 1'-0"

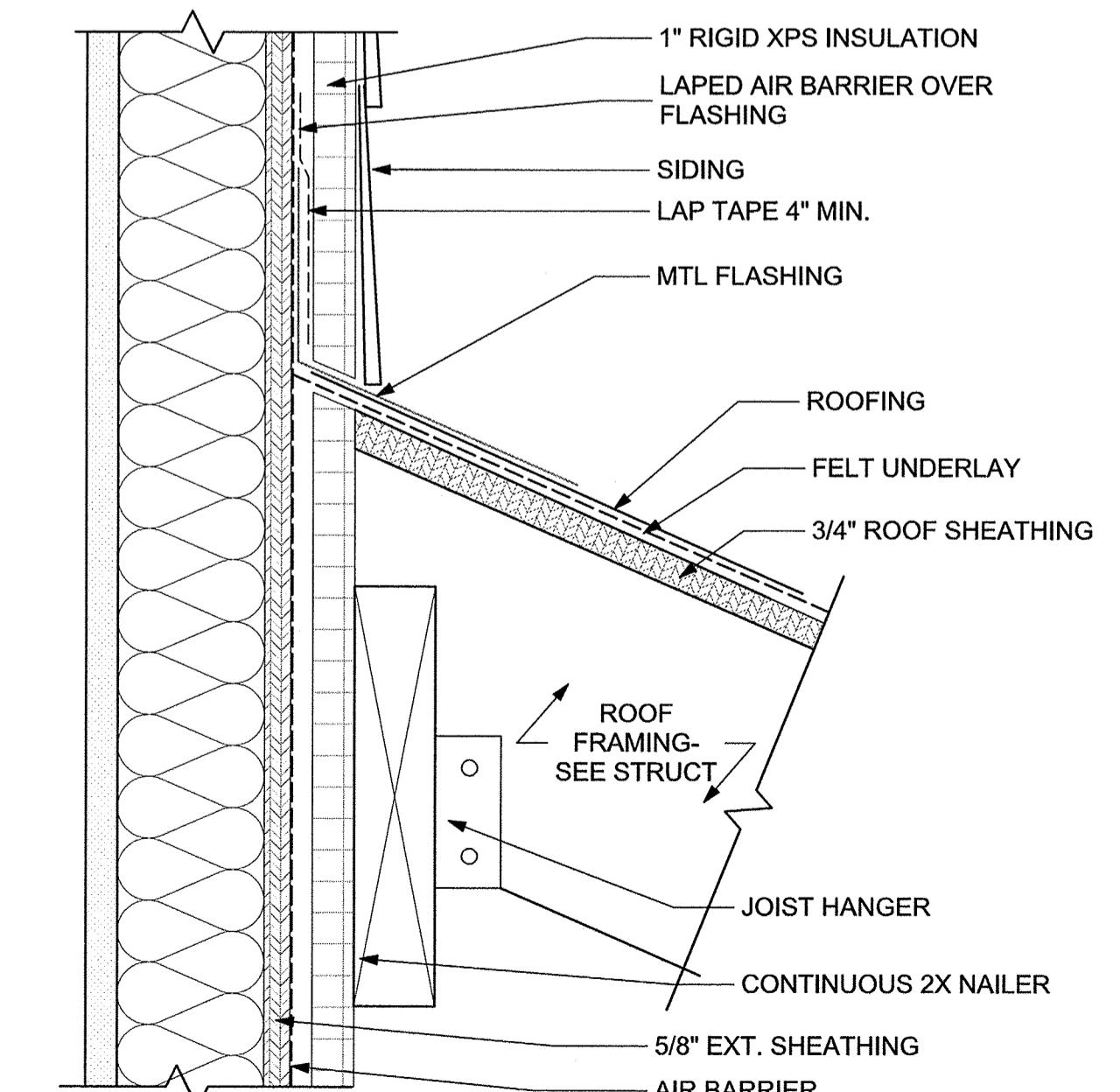
8 KICKOUT FLASHING CONSTRUCTION
SCALE: 3" = 1'-0"



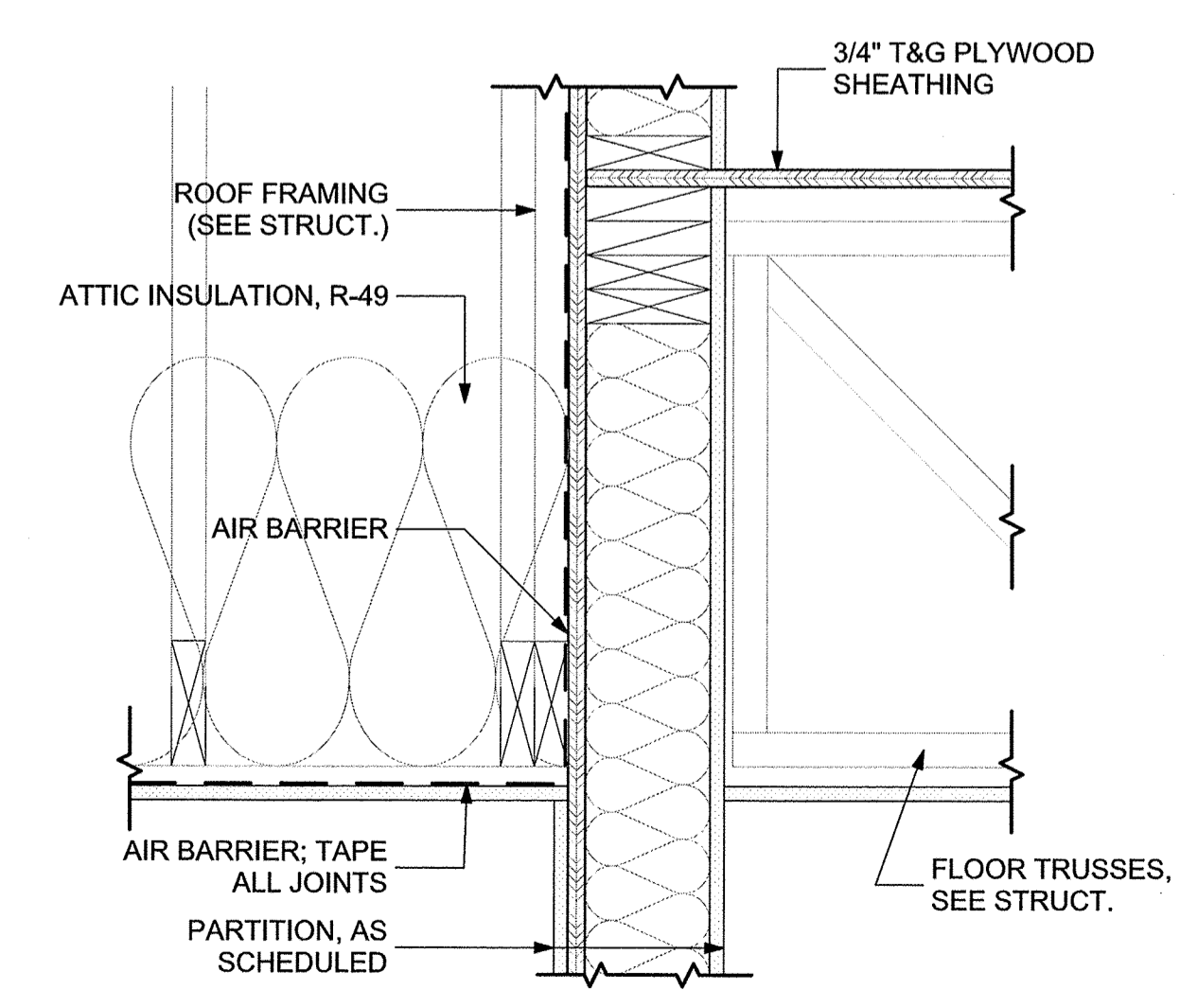
7 TYPICAL RAKE
SCALE: 3" = 1'-0"



6 ROOF VENT
SCALE: 3" = 1'-0"



4 TYP. LOW ROOF @ EXTERIOR WALL
SCALE: 3" = 1'-0"

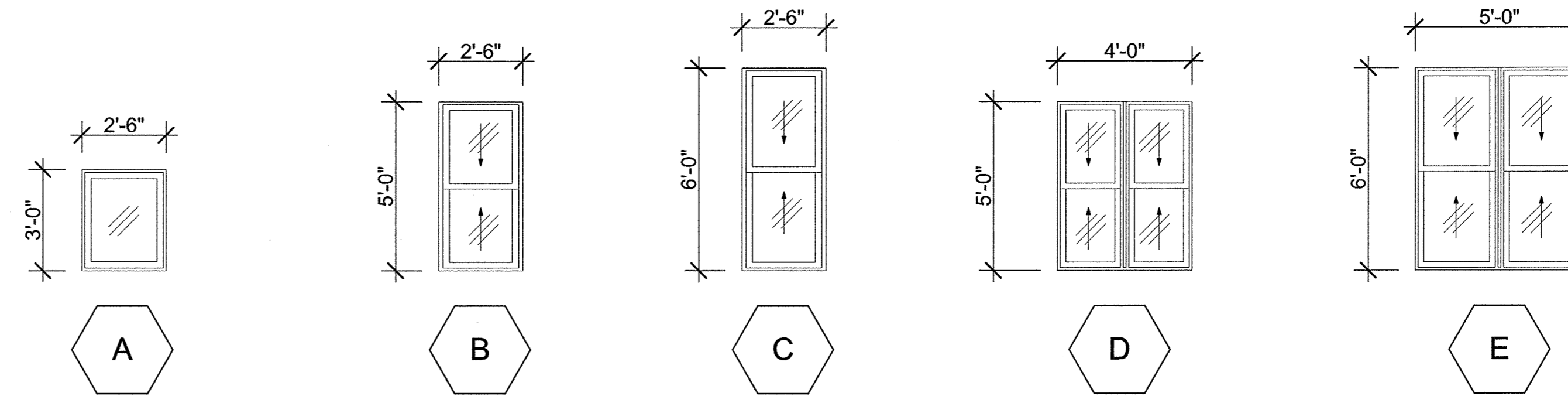


1 FLOOR/ROOF CONNECTION DETAIL
SCALE: 1 1/2" = 1'-0"

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| BUILDING A WINDOW SCHEDULE | | | | | | | |
|----------------------------|-------|--------|------------|---------|---------|---------|---------------|
| TYPE | SIZE | | MATL. | DETAIL | | | NOTES/REMARKS |
| | WIDTH | HEIGHT | | HEAD | JAMB | SILL | |
| A | 2'-6" | 3'-0" | FIBERGLASS | 3/A-802 | 2/A-802 | 1/A-802 | |
| B | 2'-6" | 5'-0" | FIBERGLASS | 3/A-802 | 2/A-802 | 1/A-802 | |
| C | 2'-6" | 6'-0" | FIBERGLASS | 3/A-802 | 2/A-802 | 1/A-802 | |
| D | 4'-0" | 5'-0" | FIBERGLASS | 3/A-802 | 2/A-802 | 1/A-802 | |
| E | 5'-0" | 6'-0" | FIBERGLASS | 3/A-802 | 2/A-802 | 1/A-802 | |

WINDOW ELEVATIONS _____



NOTE: ALL OPERABLE WINDOWS ONLY OPEN 4" FOR CHILDGUARD REQUIREMENTS

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WINDOW SCHEDULE

A-801

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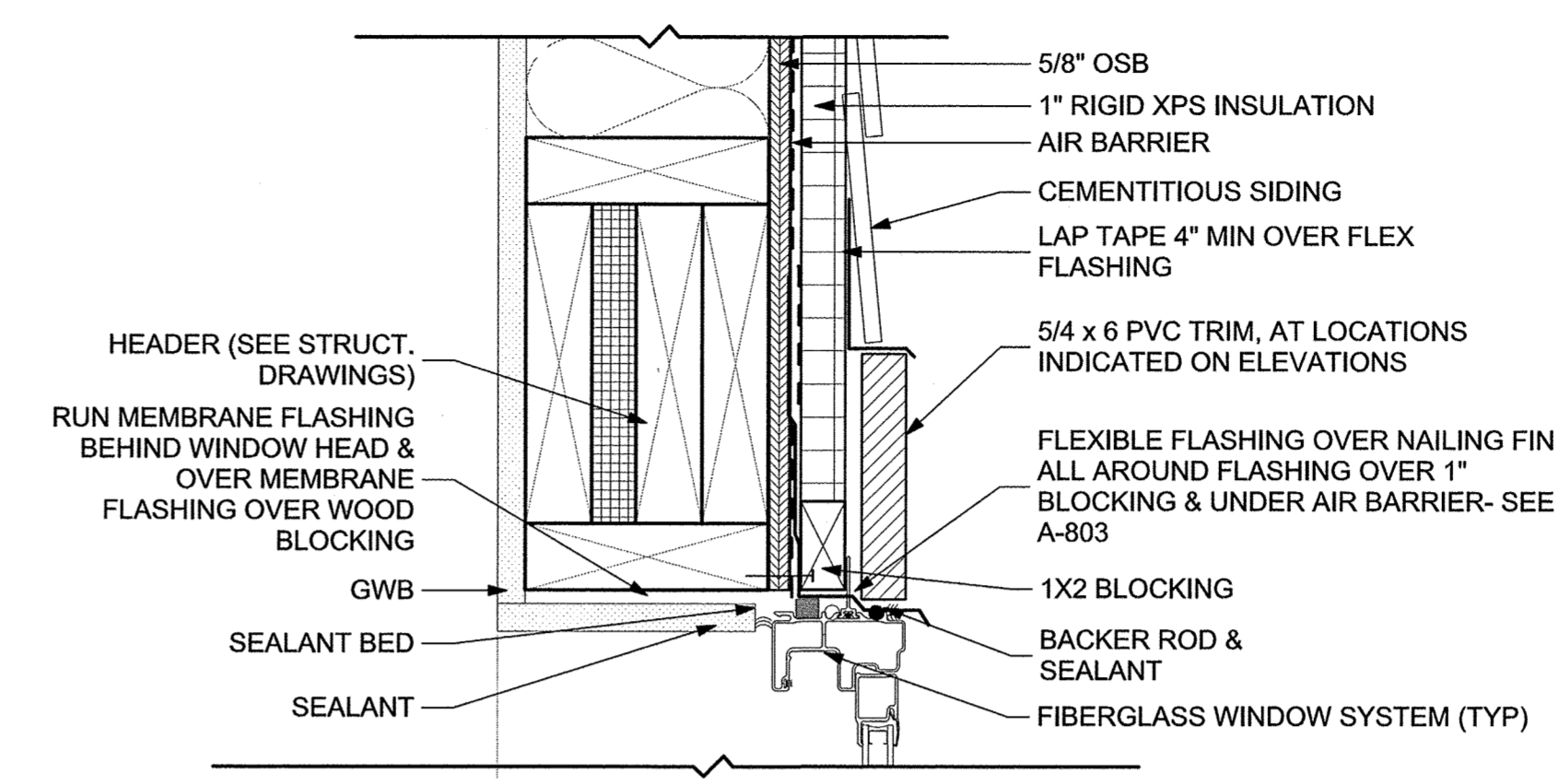
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SHEET TITLE

WINDOW DETAILS

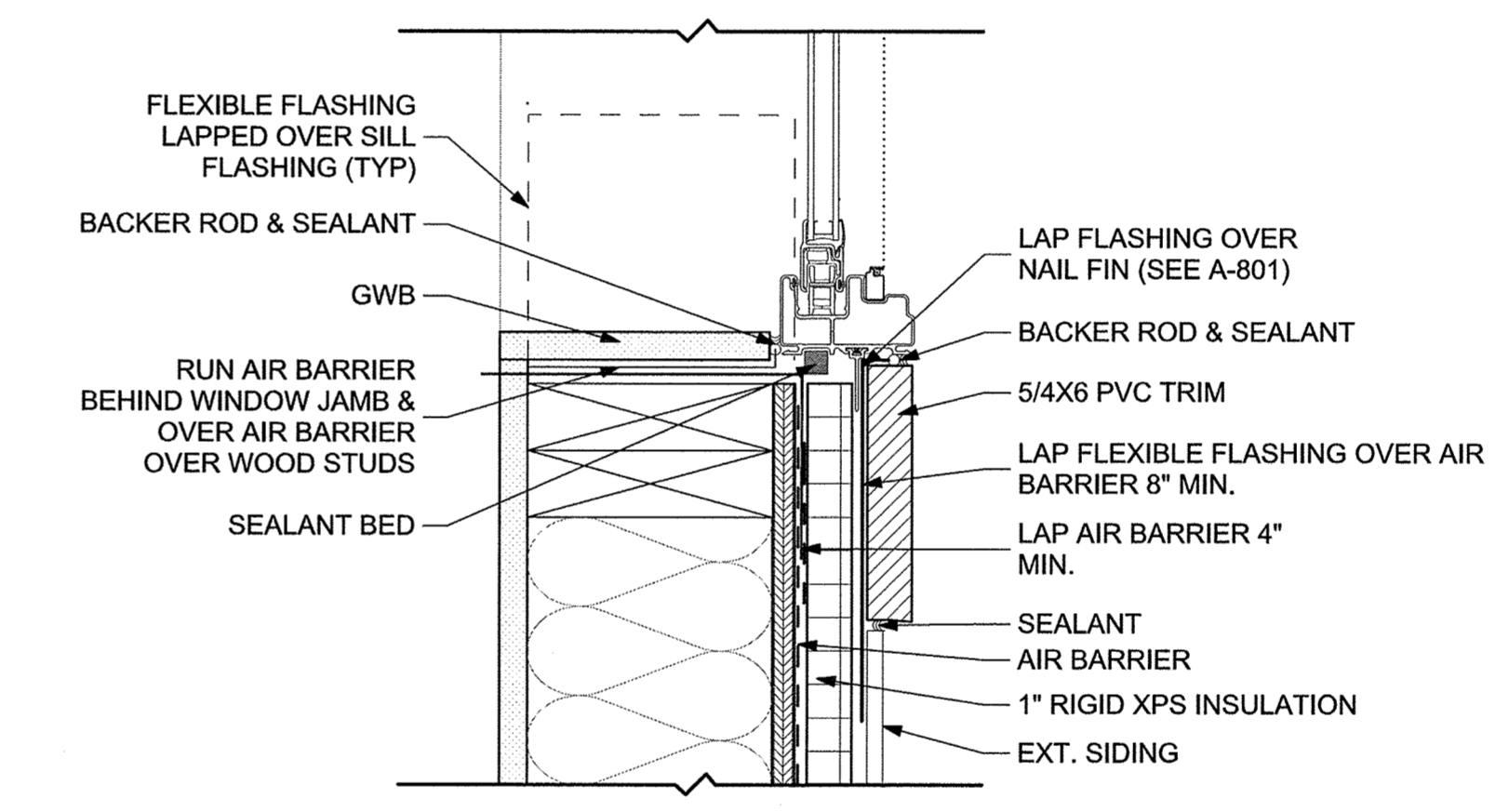
A-802

HEAD



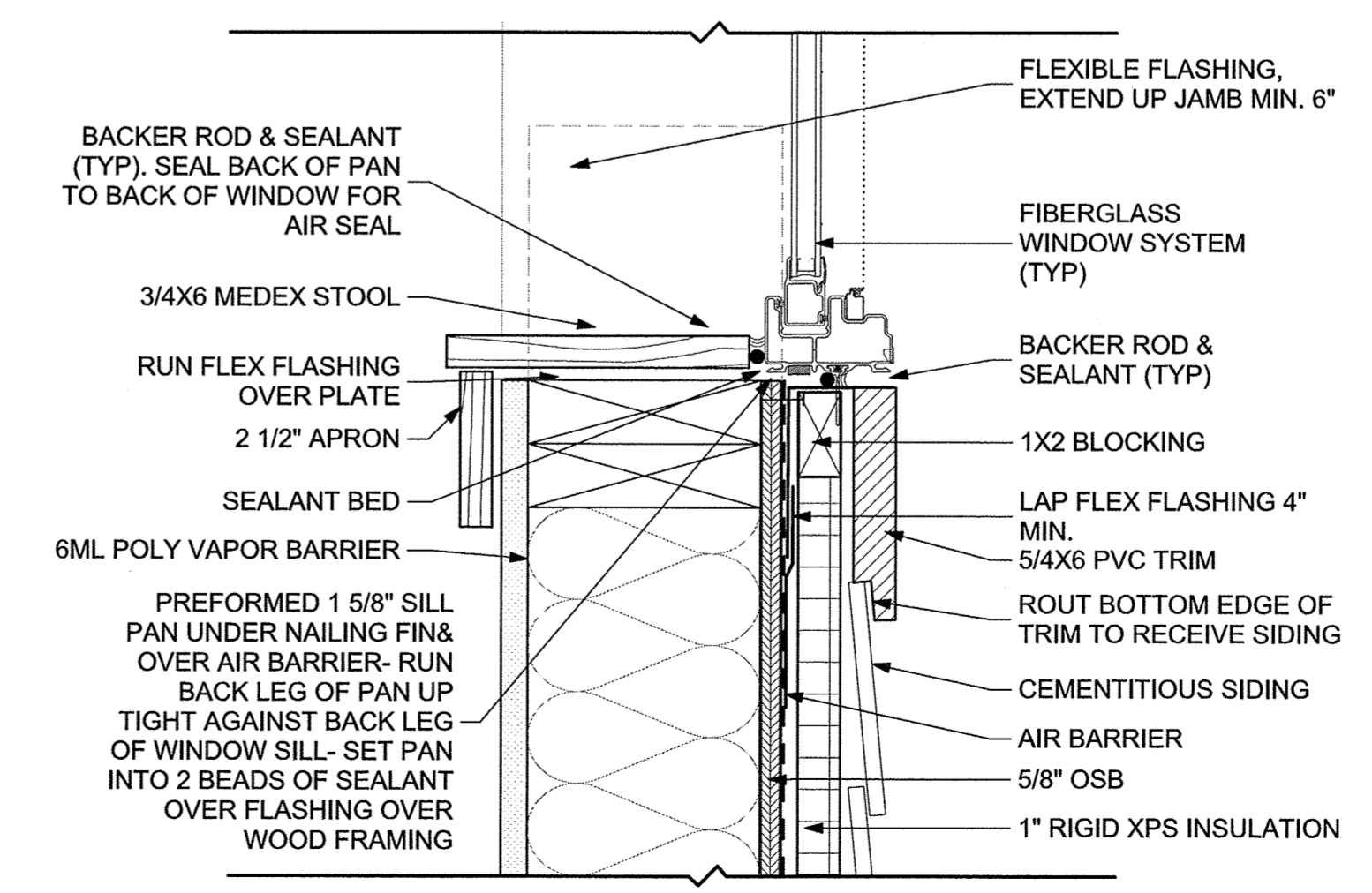
3 HEAD @ SIDING
SCALE: 3" = 1'-0"

JAMB



2 JAMB @ SIDING
SCALE: 3" = 1'-0"

SILL



1 SILL @ SIDING
SCALE: 3" = 1'-0"

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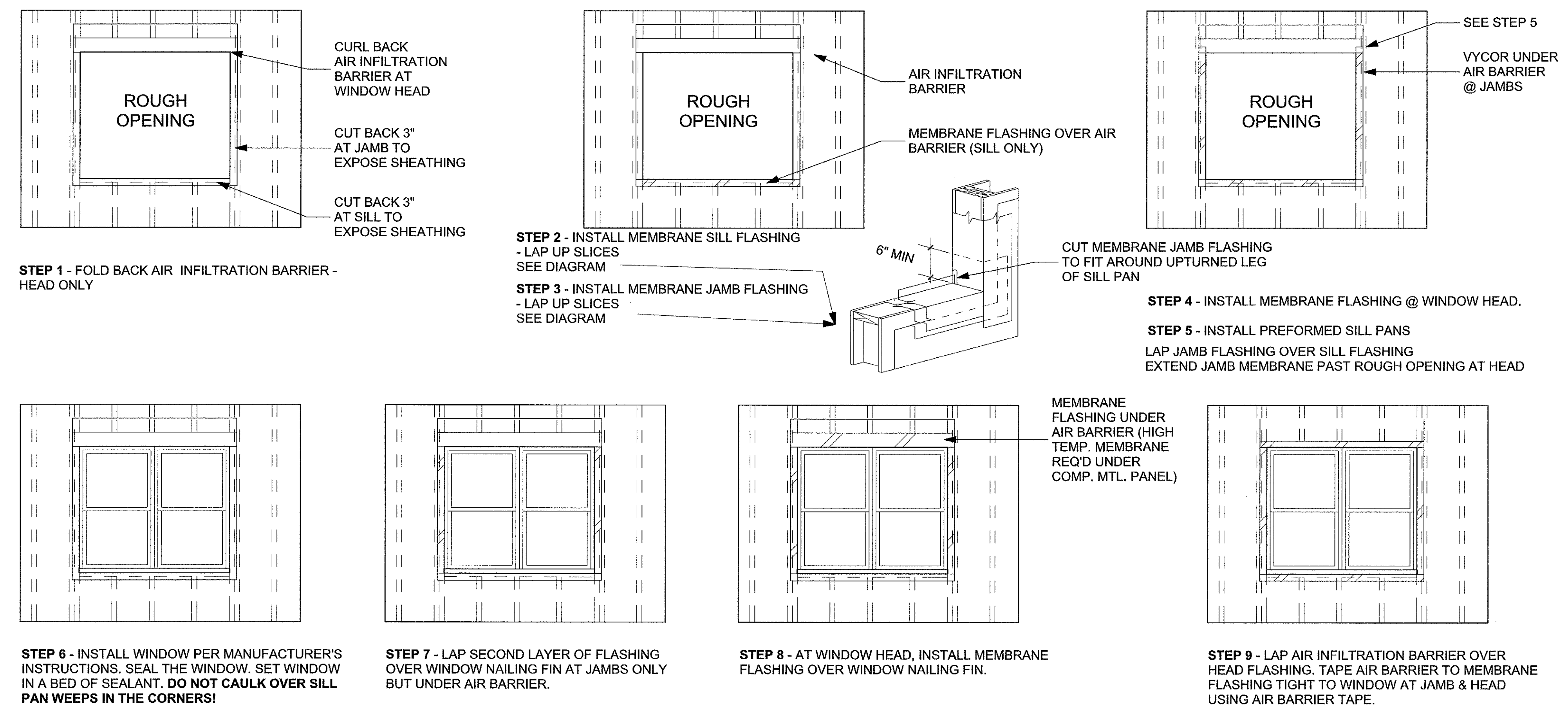
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WINDOW FLASHING AND INSTALLATION SEQUENCE

PROVIDE SEALANT @ INSIDE & OUTSIDE FACE OF NAILING FIN

INSTALL AIR INFILTRATION AND WEATHER BARRIER (AB) IN AN OVERLAPPING PATTERN, WITH EACH STRIP OVERLAPPING THE LOWER STRIP BY 4 INCHES. OVERLAP VERTICAL JOINTS BY 6", OR TAPE VERTICAL JOINTS.

- STEP 1. CUT AIR BARRIER AT WINDOW OPENING 3" BIGGER THAN THE R.O. EXPOSING THE SHEATHING AT THE HEAD AND JAMBS. (FOR EXAMPLE, IF THE RO IS 3'X 5' THE AIR BARRIER WILL BE 3'-6" X 5'-3") CUT THE AB FLUSH WITH THE BOTTOM OF THE R.O. AND CURL THE AB UP AND TAPE UNTIL THE FINAL STEP.
- STEP 2. AT THE SILL; CUT A PIECE OF MEMBRANE FLASHING 12" LONGER THAN THE SILL R.O. LENGTH, AND WIDE ENOUGH TO COVER THE SILL FRAMING AND LAP DOWN 3" ONTO THE AB. INSTALL THE FLASHING ON THE SILL WITH 6" LAPPED UP BOTH SIDES.
- STEP 3. AT THE JAMBS; CUT 2 PIECES OF MEMBRANE FLASHING 12" LONGER THAN THE VERTICAL R.O. LENGTH, AND WIDE ENOUGH TO COVER THE JAMB FRAMING BY 5" AND LAP 3" ONTO THE SHEATHING. INSTALL THE FLASHING AT THE JAMBS 6" PAST THE TOP AND BOTTOM OF THE R.O. AND LAP OVER THE SILL FLASHING.
- STEP 4. AT THE HEAD; CUT A PIECE OF MEMBRANE FLASHING 12" LONGER THAN THE HEAD R.O. LENGTH, AND WIDE ENOUGH TO COVER 5" AT THE BOTTOM OF THE FRAMING MEMBERS AND LAP 3" UP ONTO THE SHEATHING.

- STEP 5. INSTALL PREFORMED PVC SILL PAN IN A BED OF SEALANT. CUT TWO 6"X 6" PIECES OF FLASHING AND INSTALL OVER THE ENDS OF THE PVC PAN TO THE EXISTING JAMB FLASHING.
- STEP 6. (INSTALL WINDOW PER MANUFACTURES INSTRUCTIONS.) CAULK PERIMETER OF WINDOW R.O. DO NOT CAULK OVER PVC PAN WEEPS!!! INSTALL WINDOW PLUMB AND LEVEL. TACK CORNERS. VERIFY WINDOW SASHES OPERATE SMOOTHLY. NAIL IN THE MIDDLE OF THE NAILING SLOT TO ALLOW FOR EXPANSION AND CONTRACTIONS. NAIL EVERY NAIL SLOT. SHIM WINDOW AT MEETING RAIL SO THE WINDOW WIDTH IS THE SAME AS THE BOTTOM AND TOP. CAULK UP THE JAMBS 2".
- STEP 7. CUT 2 PIECES OF 6" WIDE FLASHING 12" LONGER THAN THE HEIGHT OF THE WINDOW. INSTALL 6" ABOVE THE WINDOW AND OVER THE NAILING FLANGE AT THE SIDES OF THE WINDOW.
- STEP 8. CUT 6" WIDE FLASHING 12" LONGER THAN WINDOW WIDTH. INSTALL AT TOP OF WINDOW OVER THE NAILING FLANGE TO THE SHEATHING WITH 6" EXTENDING PAST THE WINDOW (BELOW THE AB) ON BOTH SIDES.
- STEP 9. FOLD BACK THE AB OVER THE FLASHING AND TAPE ALL EDGES TO THE FLASHING. THIS IS IMPORTANT AS THIS CONNECTS THE FLASHING TO AB.
- STEP 10. (NOT SHOWN) PROVIDE INTERIOR SEAL AROUND WINDOW PERIMETER TO MAINTAIN CONTINUITY OF BUILDING THERMAL AND AIR BARRIER USING INSULATING-FOAM SEALANT.
- STEP 11. (NOT SHOWN) SEAL WINDOW TO EXTERIOR WALL CLADDING WITH SEALANT AND RELATED BACKING MATERIALS AT PERIMETER OF ASSEMBLY.

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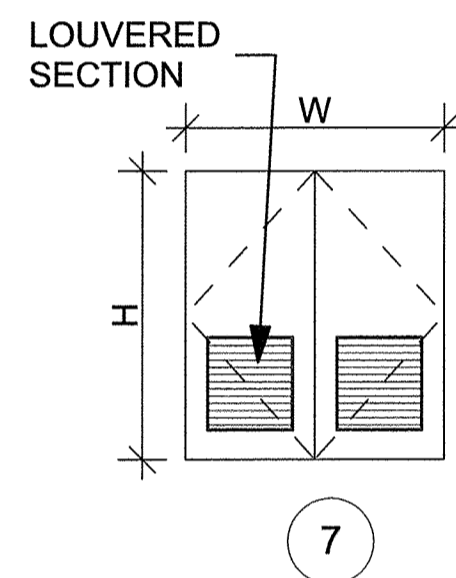
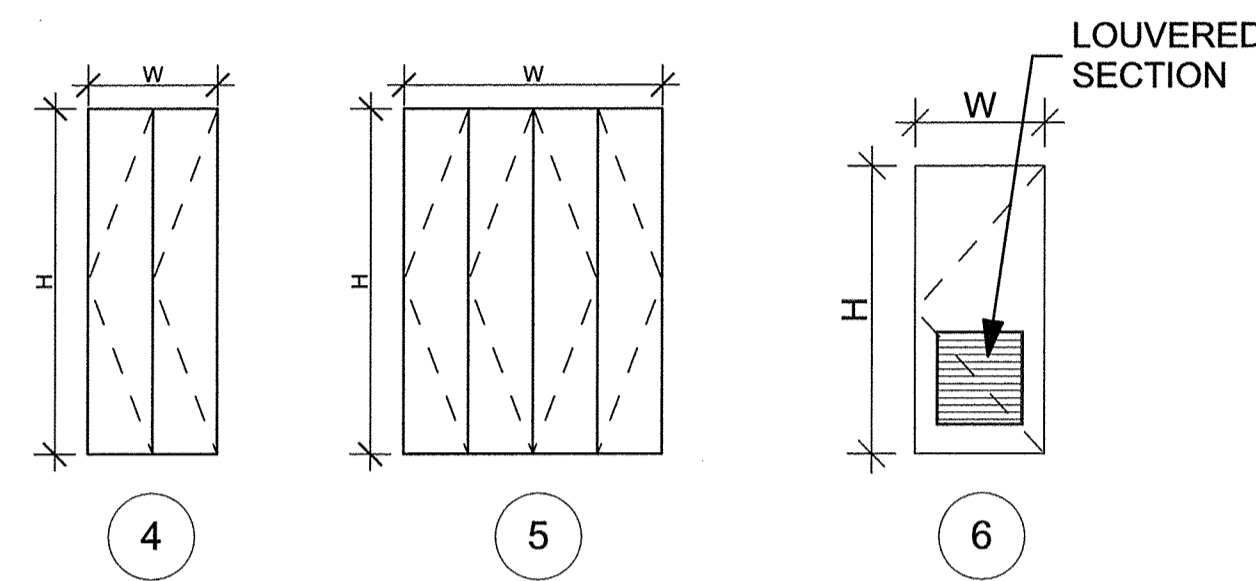
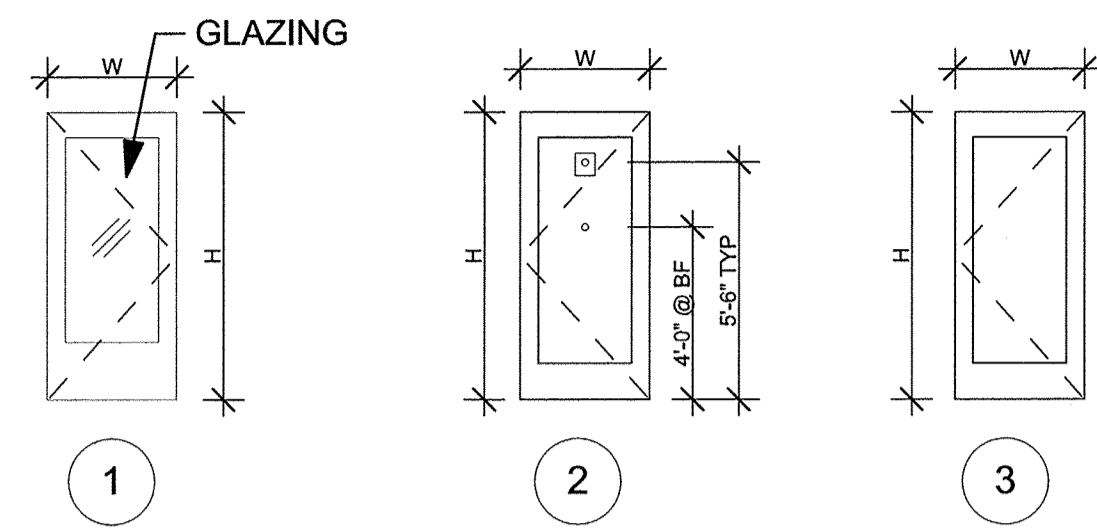
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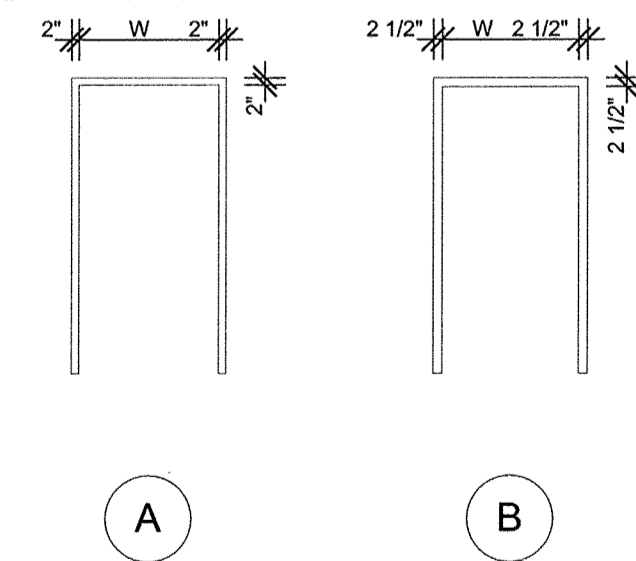
**WINDOW FLASHING
PROCEDURE**

A-803

DOOR TYPES



FRAME TYPES



DOOR & FRAME SCHEDULE

| DOOR NO. | SIZE | | | DESCRIPTION | OPERATION | DOOR | | | FRAME | | | DETAIL | | | HARDWARE SET | FIRE RATING | NOTES |
|----------|-------|-------|-----------|---------------------|----------------|-------|-------|--------|-------|-------|--------|---------|---------|---------|--------------|-------------|--------------------------------|
| | W | H | THICKNESS | | | ELEV. | MATL. | FINISH | TYPE | MATL. | FINISH | HEAD | JAMB | SILL | | | |
| A | 3'-0" | 6'-8" | 1 3/4" | BEDROOM | SWING, SINGLE | 3 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 25 | | |
| B | 3'-0" | 6'-8" | 1 3/4" | BATHROOM | SWING, SINGLE | 3 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 3/A-805 | 25 | | |
| C | 3'-0" | 6'-8" | 1 3/4" | CLOSET | SWING, SINGLE | 3 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 26 | | |
| C1 | 1'-6" | 6'-8" | 1 3/4" | CLOSET | SWING, SINGLE | 3 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 26 | | |
| C2 | 2'-6" | 6'-8" | 1 3/4" | CLOSET | SWING, SINGLE | 3 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 26 | | |
| C3 | 3'-0" | 8'-9" | 0 3/4" | CLOSET | BIFOLD, SINGLE | 4 | WD | PTD | B | WD | PTD | 6/A-805 | | 5/A-805 | 28 | | |
| C4 | 4'-0" | 8'-9" | 0 3/4" | CLOSET | BIFOLD, DOUBLE | 5 | WD | PTD | B | WD | PTD | 6/A-805 | | 5/A-805 | 29 | | |
| C5 | 5'-0" | 8'-9" | 0 3/4" | CLOSET | BIFOLD, DOUBLE | 5 | WD | PTD | B | WD | PTD | 6/A-805 | | 5/A-805 | 29 | | |
| C6 | 6'-0" | 8'-9" | 0 3/4" | CLOSET | BIFOLD, DOUBLE | 5 | WD | PTD | B | WD | PTD | 6/A-805 | | 5/A-805 | 29 | | |
| C7 | 6'-0" | 6'-8" | 1 3/4" | CLOSET | SWING, DOUBLE | 7 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 27 | | |
| C8 | 3'-0" | 6'-8" | 1 3/4" | CLOSET | SWING, SINGLE | 6 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 26 | | |
| C9 | 2'-6" | 6'-8" | 1 3/4" | CLOSET | SWING, SINGLE | 6 | WD | PTD | B | WD | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 26 | | |
| M | 3'-0" | 6'-8" | 1 3/4" | UNIT MECHANICAL | SWING, SINGLE | 3 | VINYL | PTD | B | MTL | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 30 | | BUILDING A ONLY |
| M1 | 1'-6" | 6'-8" | 1 3/4" | UNIT MECHANICAL | SWING, SINGLE | 3 | VINYL | PTD | B | MTL | PTD | 4/A-805 | 4/A-805 | 2/A-805 | 30 | | BUILDING A ONLY |
| U | 3'-0" | 6'-8" | 1 3/4" | INTERIOR UNIT ENTRY | SWING, SINGLE | 2 | VINYL | PTD | A | MTL | PTD | 8/A-805 | 8/A-805 | 7/A-805 | 23 | 20 MIN | |
| U2 | 3'-0" | 6'-8" | 1 3/4" | EXTERIOR UNIT ENTRY | SWING, SINGLE | 1 | VINYL | PTD | A | MTL | PTD | 3/A-806 | 2/A-806 | 3/A-807 | 24 | | BF UNITS, USE HARDWARE SET #1A |
| 001A | 3'-0" | 6'-8" | 1 3/4" | EXTERIOR MECHANICAL | SWING, SINGLE | 3 | MTL | PTD | A | MTL | PTD | 3/A-806 | 1/A-806 | 4/A-806 | 7 | | BUILDING A ONLY |

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Phase 1

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Building A

Norwalk, CT

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DRAWN BY: GA, AJ, SO
CHECKED BY:

SHEET TITLE

DOOR SCHEDULE

A-804

Washington Village
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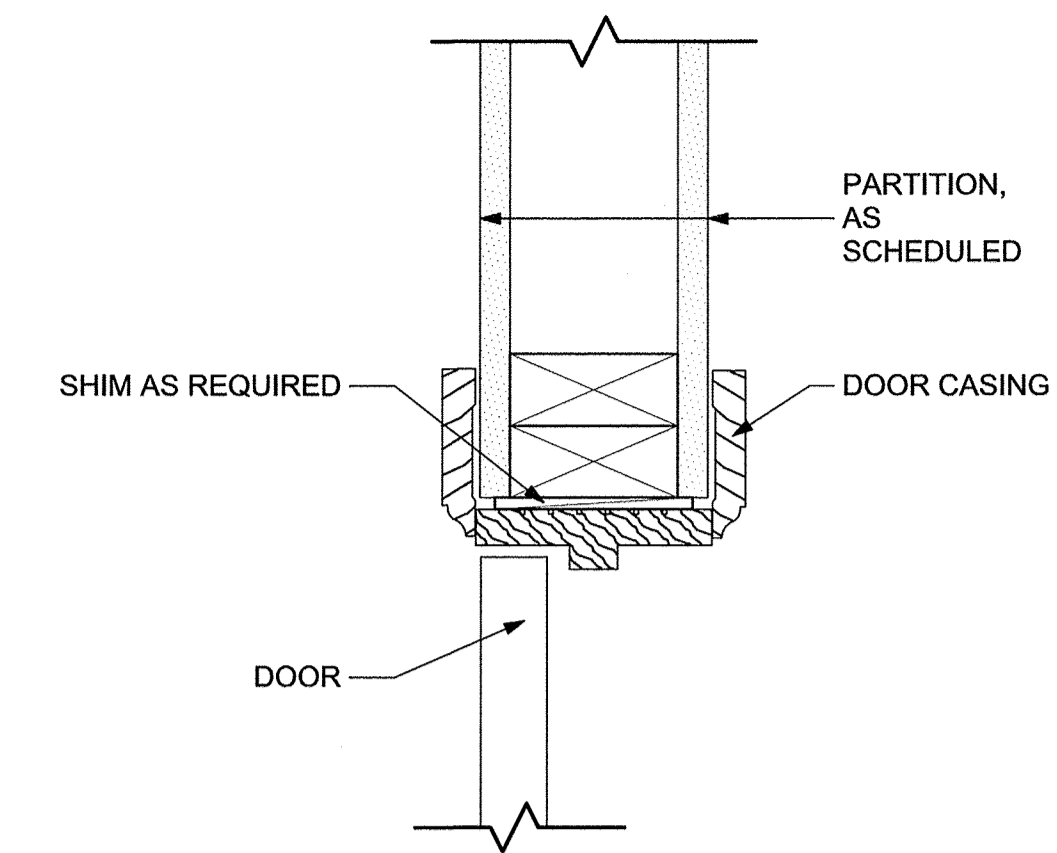
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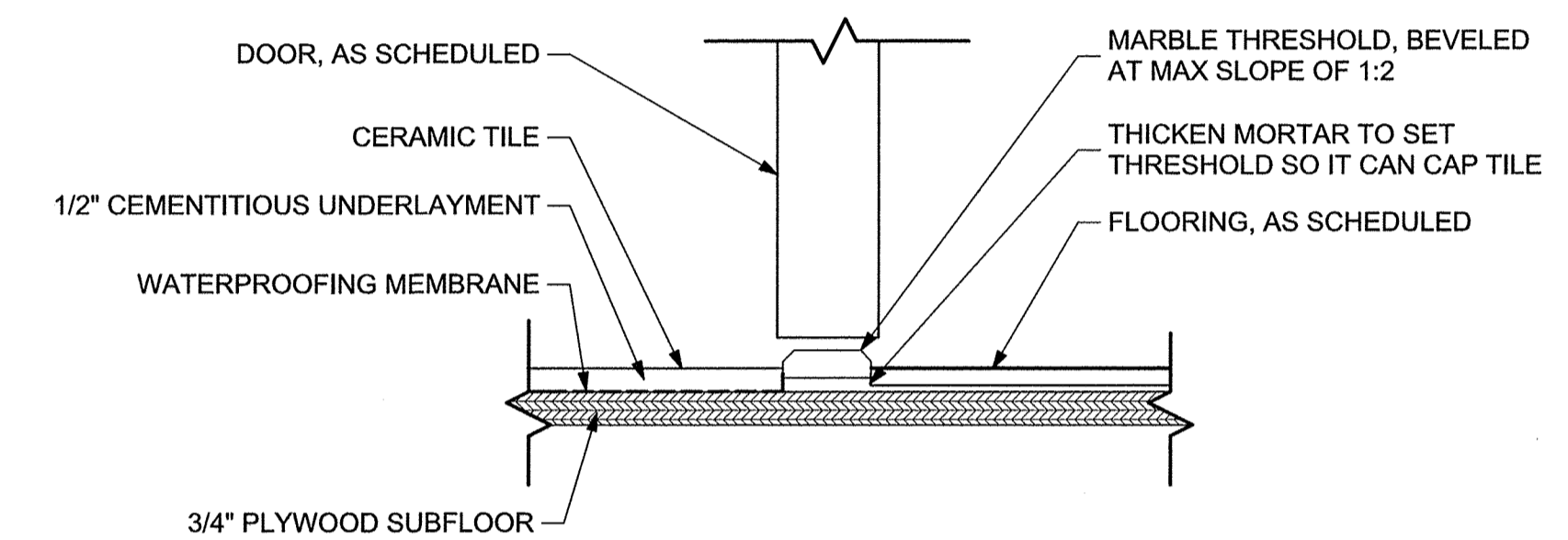
SHEET TITLE

INTERIOR DOOR
DETAILS

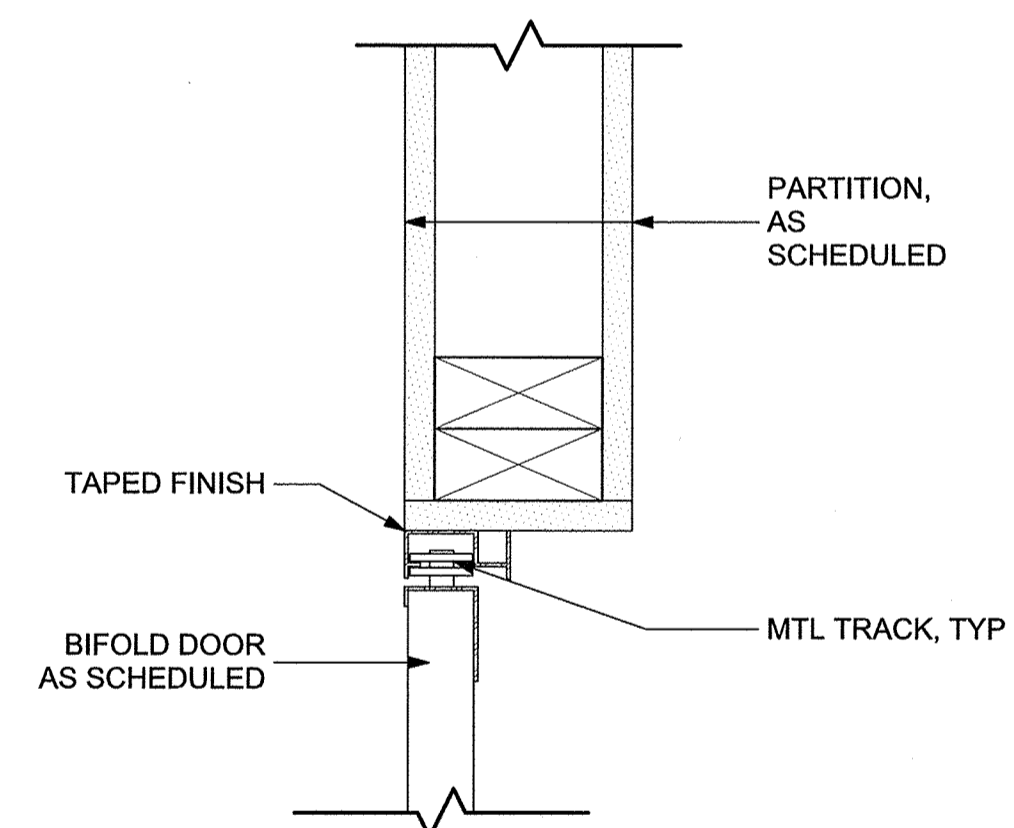
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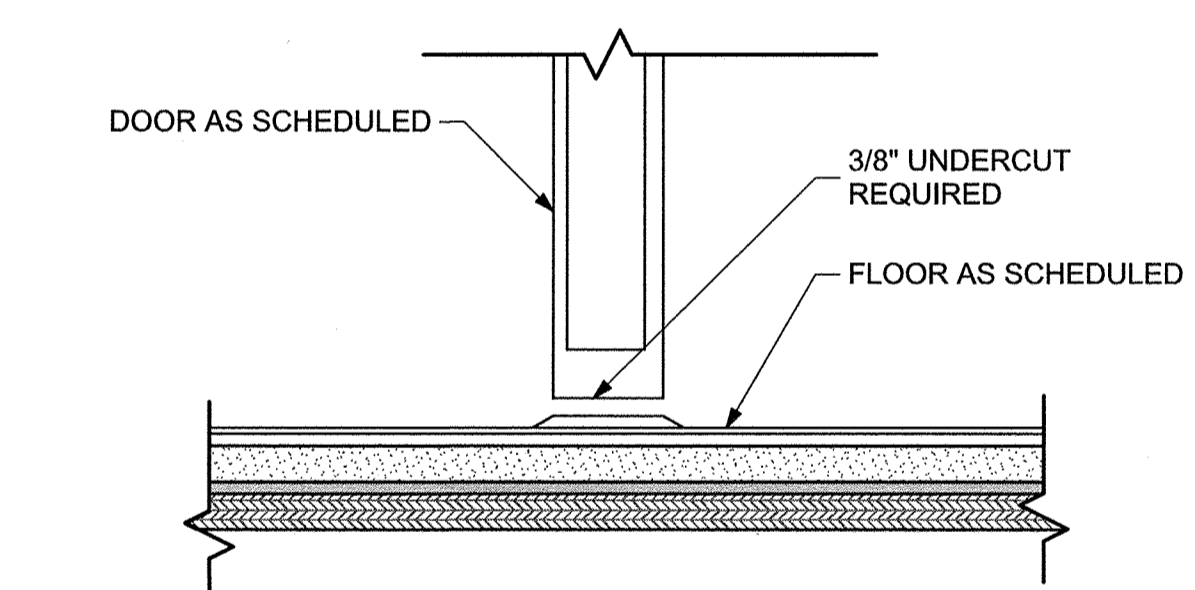
4 TYPICAL INT. DOOR HEAD/JAMB
SCALE: 3" = 1'-0"



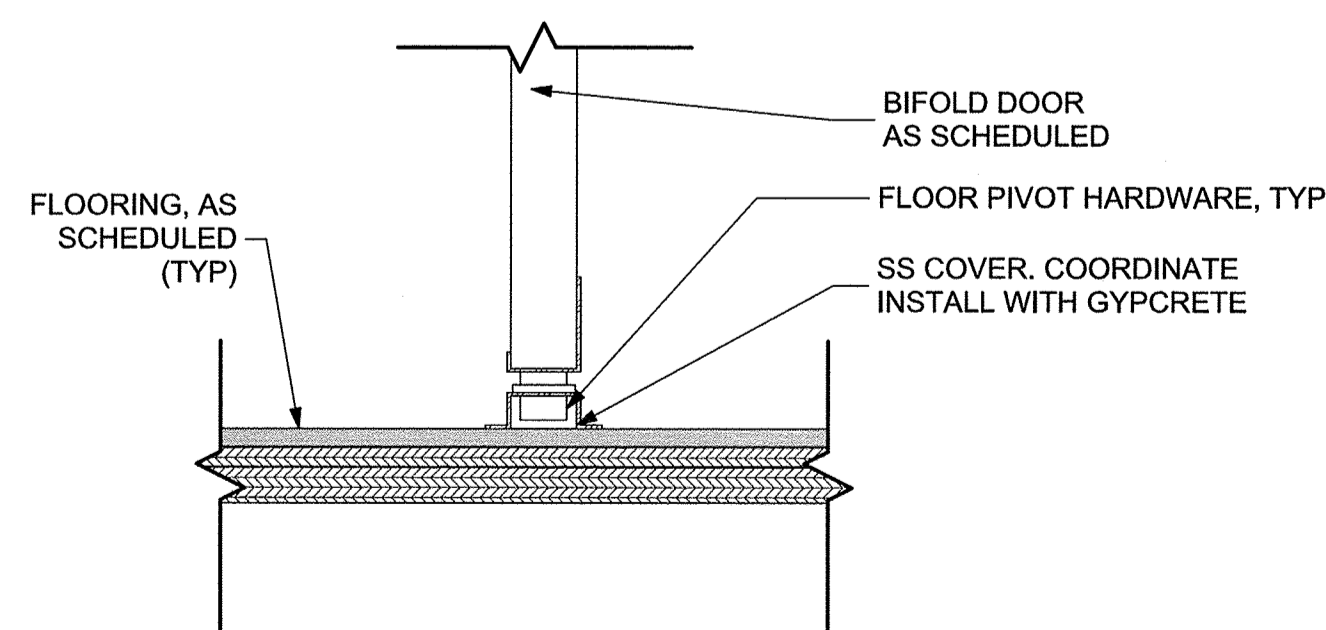
3 BATHROOM THRESHOLD
SCALE: 3" = 1'-0"



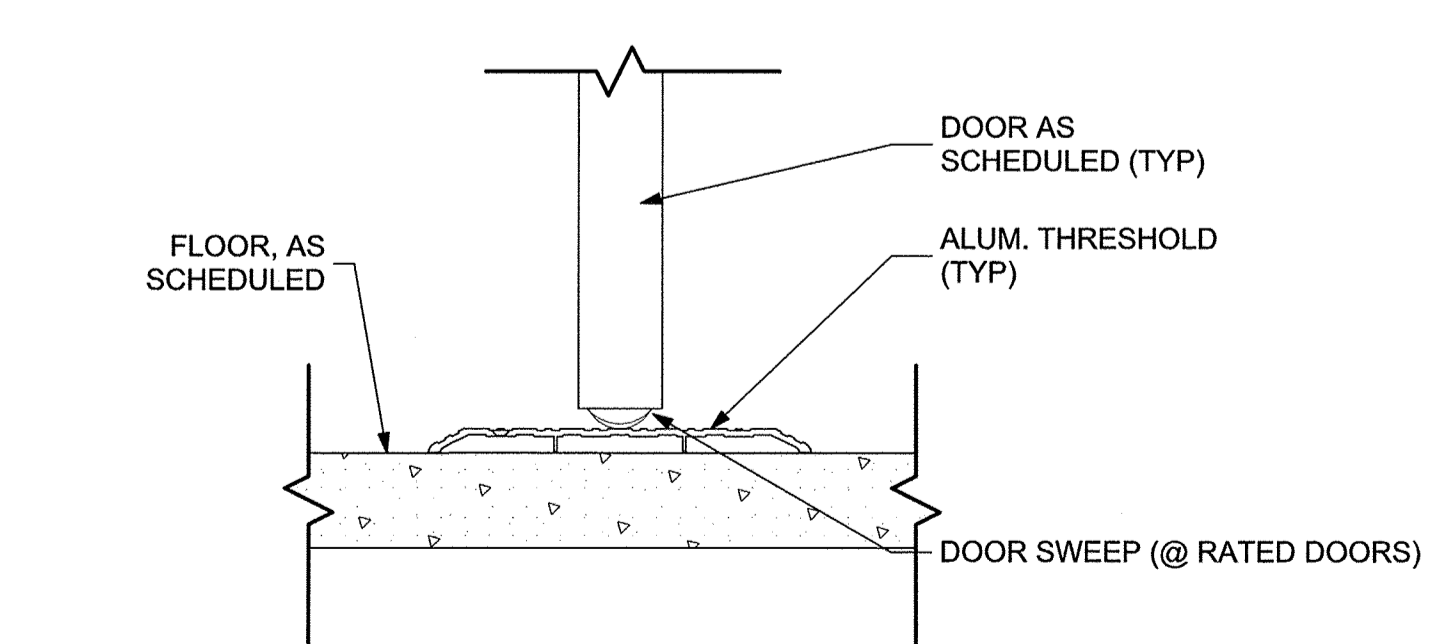
6 INTERIOR BIFOLD DOOR HEAD DETAIL
SCALE: 3" = 1'-0"



2 TYP. INTERIOR TRANSITION DETAIL
SCALE: 3" = 1'-0"



5 INTERIOR BIFOLD DOOR SILL DETAIL
SCALE: 3" = 1'-0"



1 TYP. MECH SILL DETAIL
SCALE: 3" = 1'-0"

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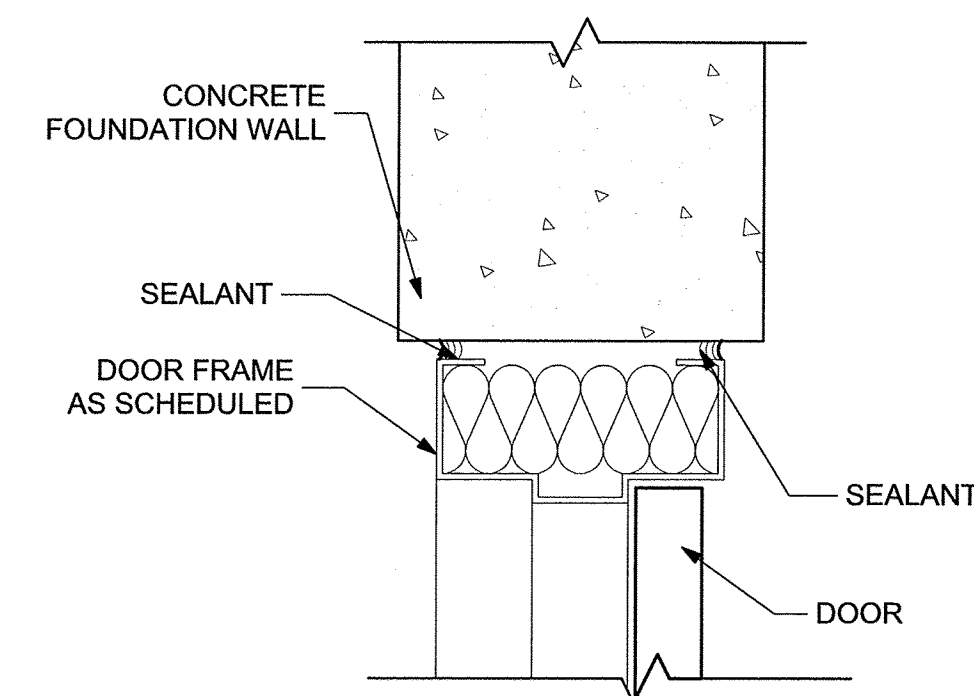
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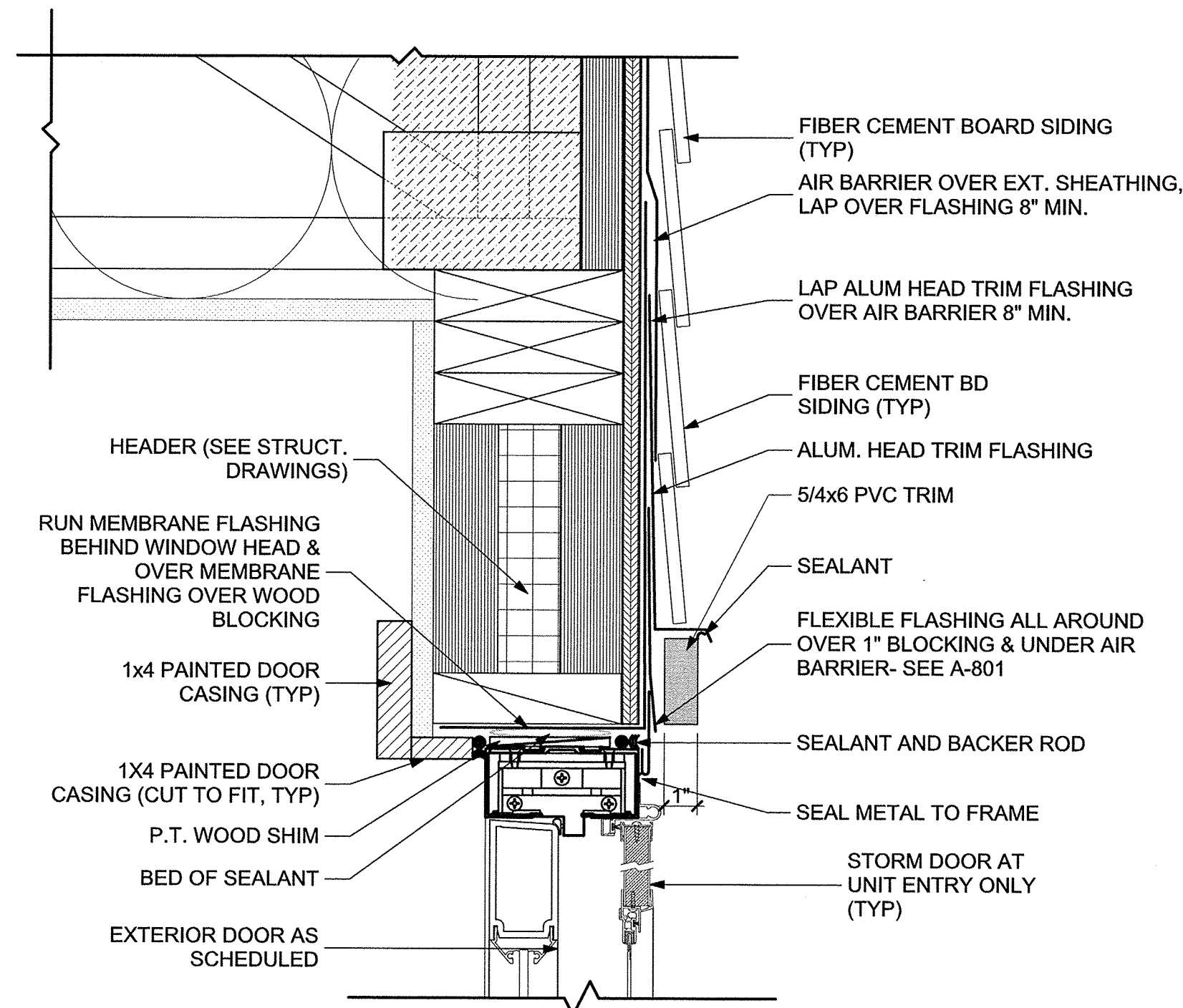
SHEET TITLE

EXTERIOR DOOR
DETAILS

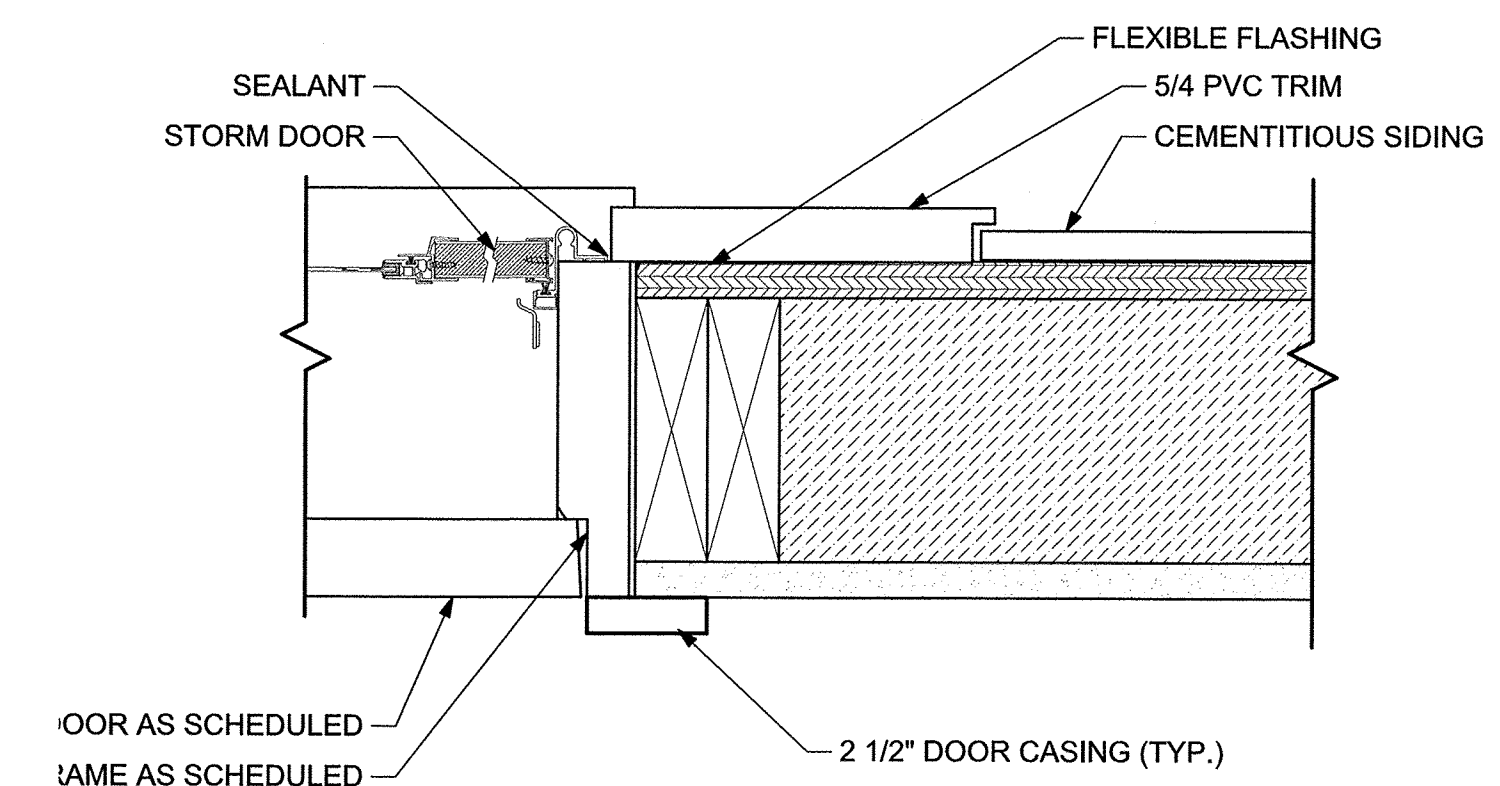
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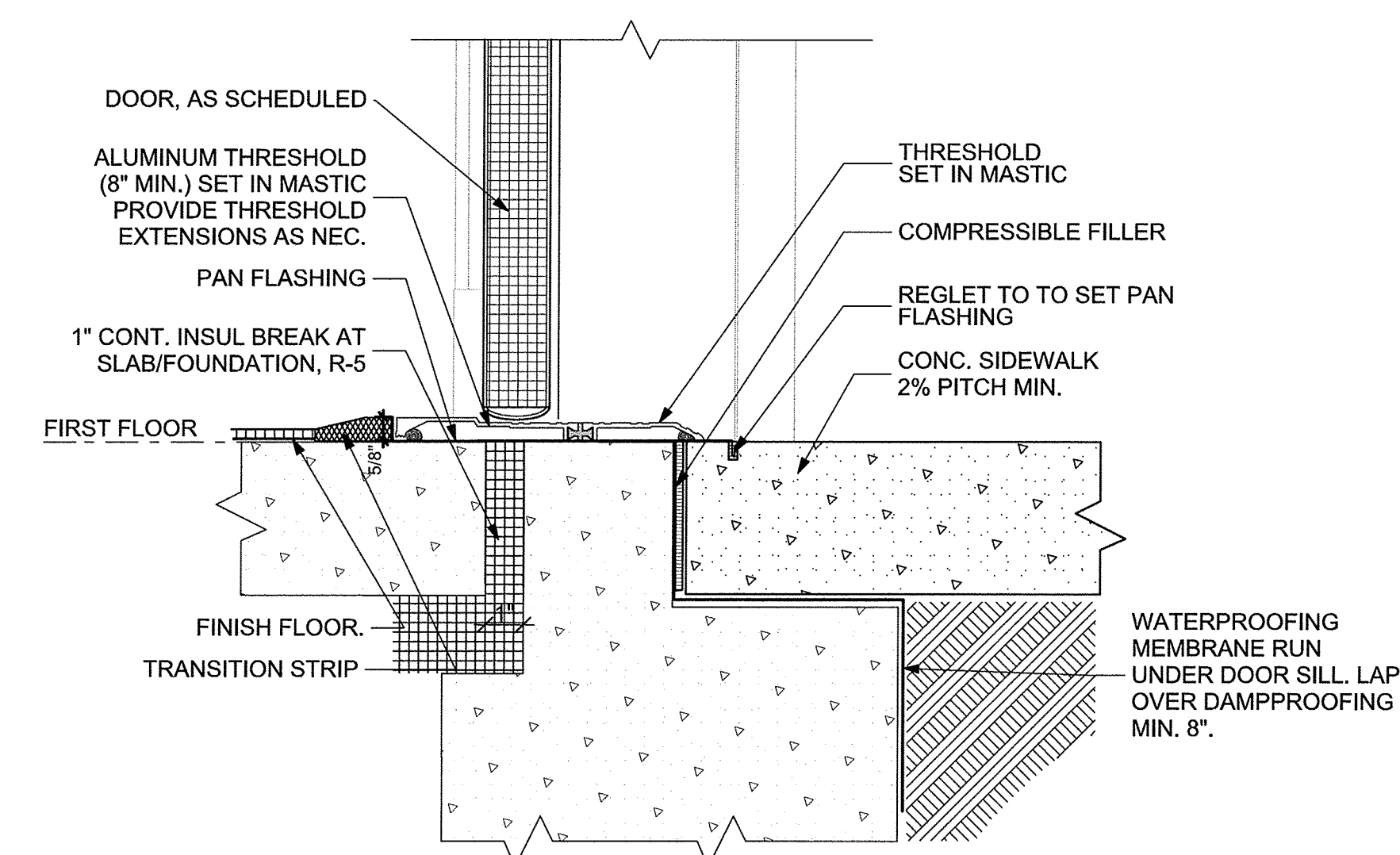
6 TYP. EXT. DOOR HEAD/JAMB @ CONCRETE WALL
SCALE: 3" = 1'-0"



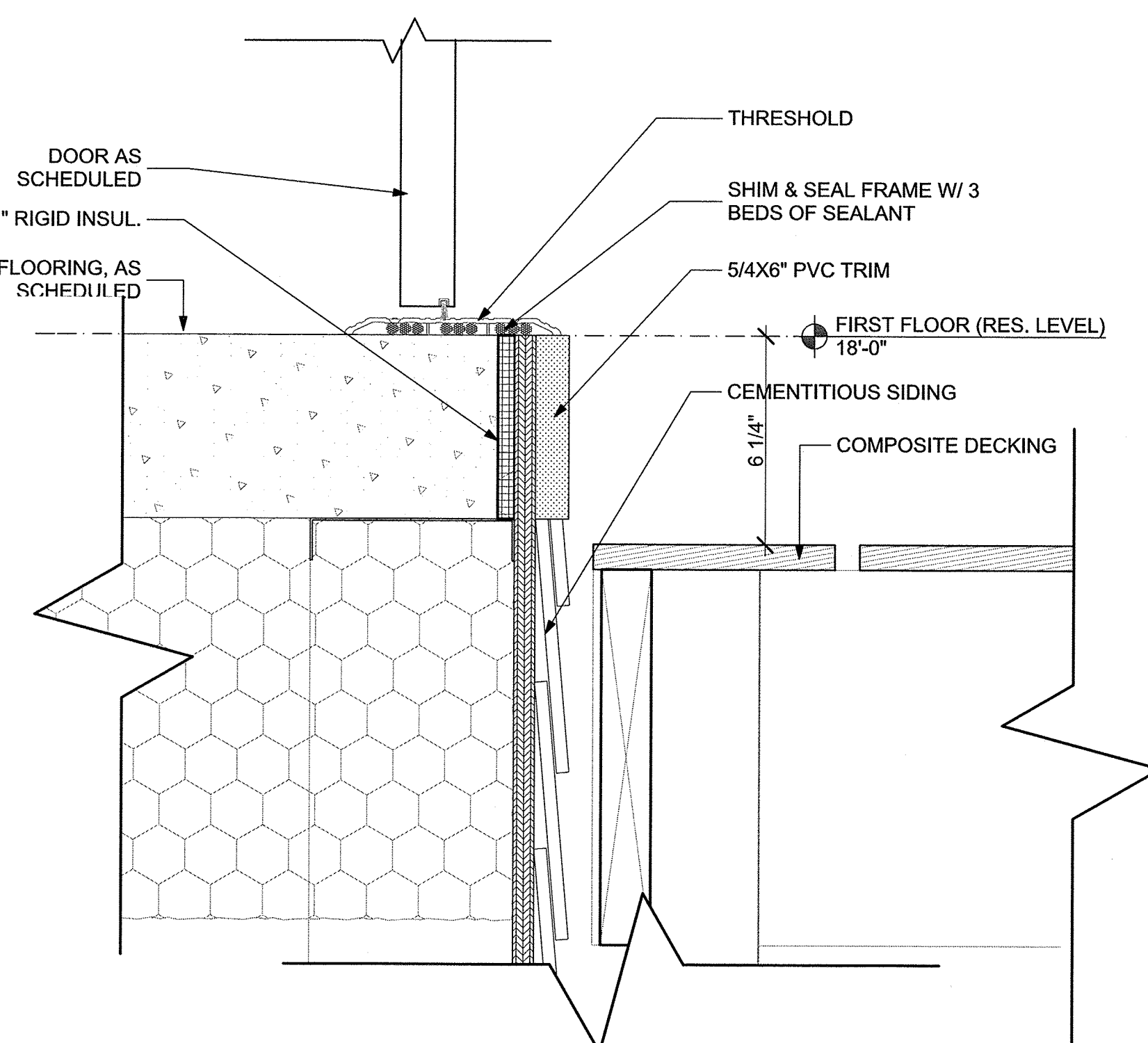
4 TYP. EXT. DOOR HEAD @ SIDING
SCALE: 3" = 1'-0"



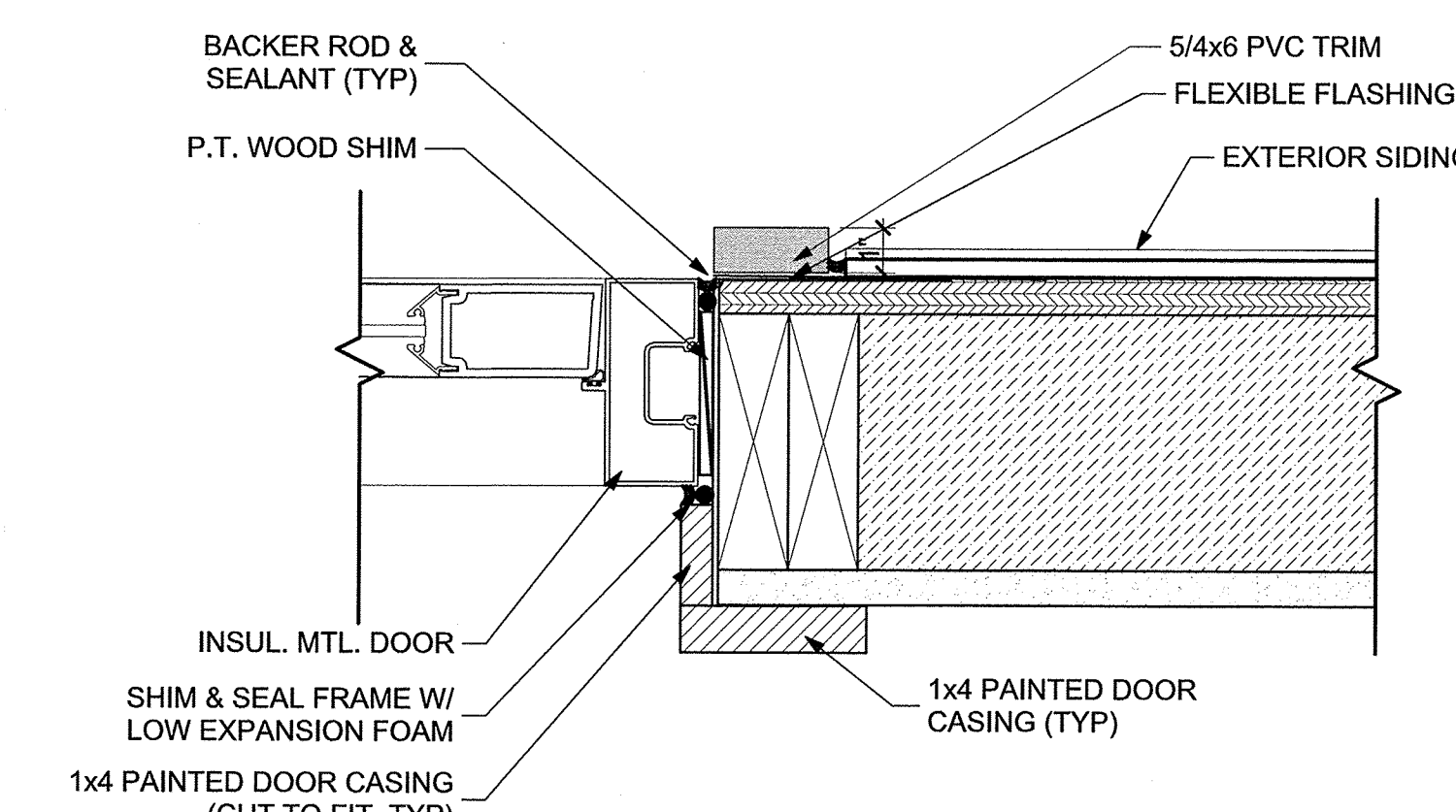
2 TYP. EXT. DOOR W/ STORM DOOR JAMB @ SIDING
SCALE: 3" = 1'-0"



5 TYP. EXT. DOOR SILL @ CONCRETE SLAB
SCALE: 3" = 1'-0"



3 TYP. EXT. DOOR SILL @ SIDING & COMPOSITE DECKING
SCALE: 3" = 1'-0"



1 TYP. EXT. DOOR JAMB @ SIDING
SCALE: 3" = 1'-0"

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| ROOM FINISH SCHEDULE | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------------------|-------------------|-------|--------------|----------|--------|------------------|-------------|---------------------------|--------------------------|------------------------|-------------------------------|-------|-----------------------------|-----------------------|----------------------|------------|-----------|------------------------------------|-------|-------------|-------------|-----------------------|-------------|--|---|
| RM # | ROOM NAME | FLOORING | | | | | | | | BASE | | | | | | WALLS | | CEILING | | NOTES | | | | | | |
| | | WOOD | EPOXY | WALK OFF MAT | CONCRETE | CARPET | VINYL PLANK TILE | SHEET VINYL | RUBBER FLOORING - FITNESS | RUBBER TREADS AND RISERS | PORCELAIN TILE - BATHS | PORCELAIN TILE - COMMON AREAS | EPOXY | PORCELAIN TILE BASE - BATHS | RUBBER BASE - FITNESS | RUBBER BASE - STAIRS | VINYL BASE | WOOD BASE | PORCELAIN TILE BASE - COMMON AREAS | | PAINTED GWB | PAINTED CMU | ACOUSTIC CEILING TILE | PAINTED GWB | | |
| TYPICAL UNITS | LIVING ROOM | | | | | | • | | | | | | | | | | | | | • | | | | | | |
| | DINING | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | KITCHEN | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | COAT CLOSET | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | STORAGE CLOSET | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | LINEN CLOSET | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | LAUNDRY CLOSET | | | | | | | • | | | | | | | | | | | | | • | | | | | |
| | MECHANICAL CLOSET | | | | | | | | • | | | | | | | | | | | | • | | | | | |
| | HALL | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | BEDROOM | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | BEDROOM CLOSET | | | | | | • | | | | | | | | | | | | | | • | | | | | |
| | BATH | | | | | | | | | | • | | | • | | | | | | | • | | | | | • |
| | TOWNHOUSE UNIT STAIRS | | | | | | • | | | | | | | | | | | • | | | • | | | | | • |
| | 001a | MECHANICAL CLOSET | | | | | | • | | | | | | | | | | | | | • | | | | | • |

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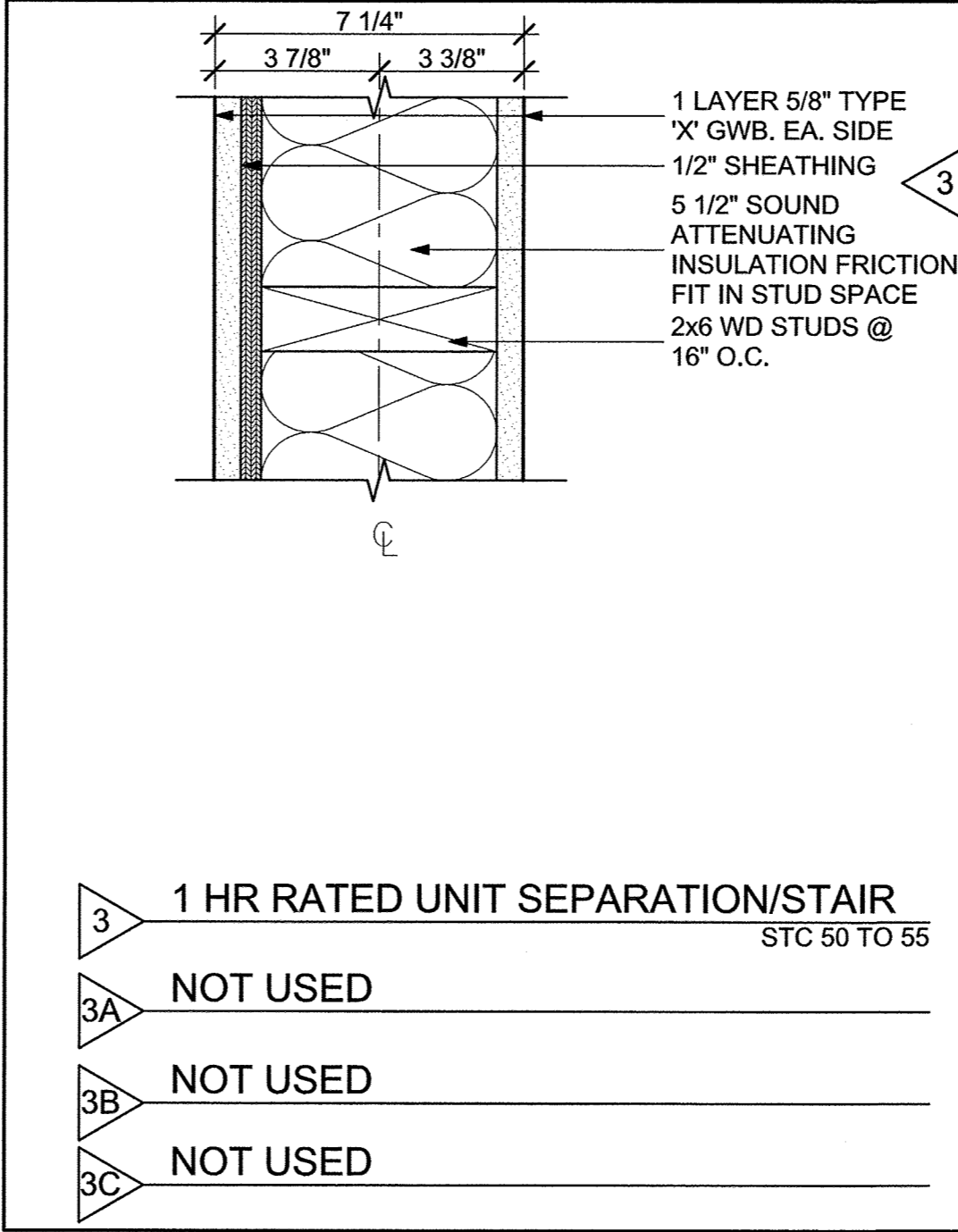
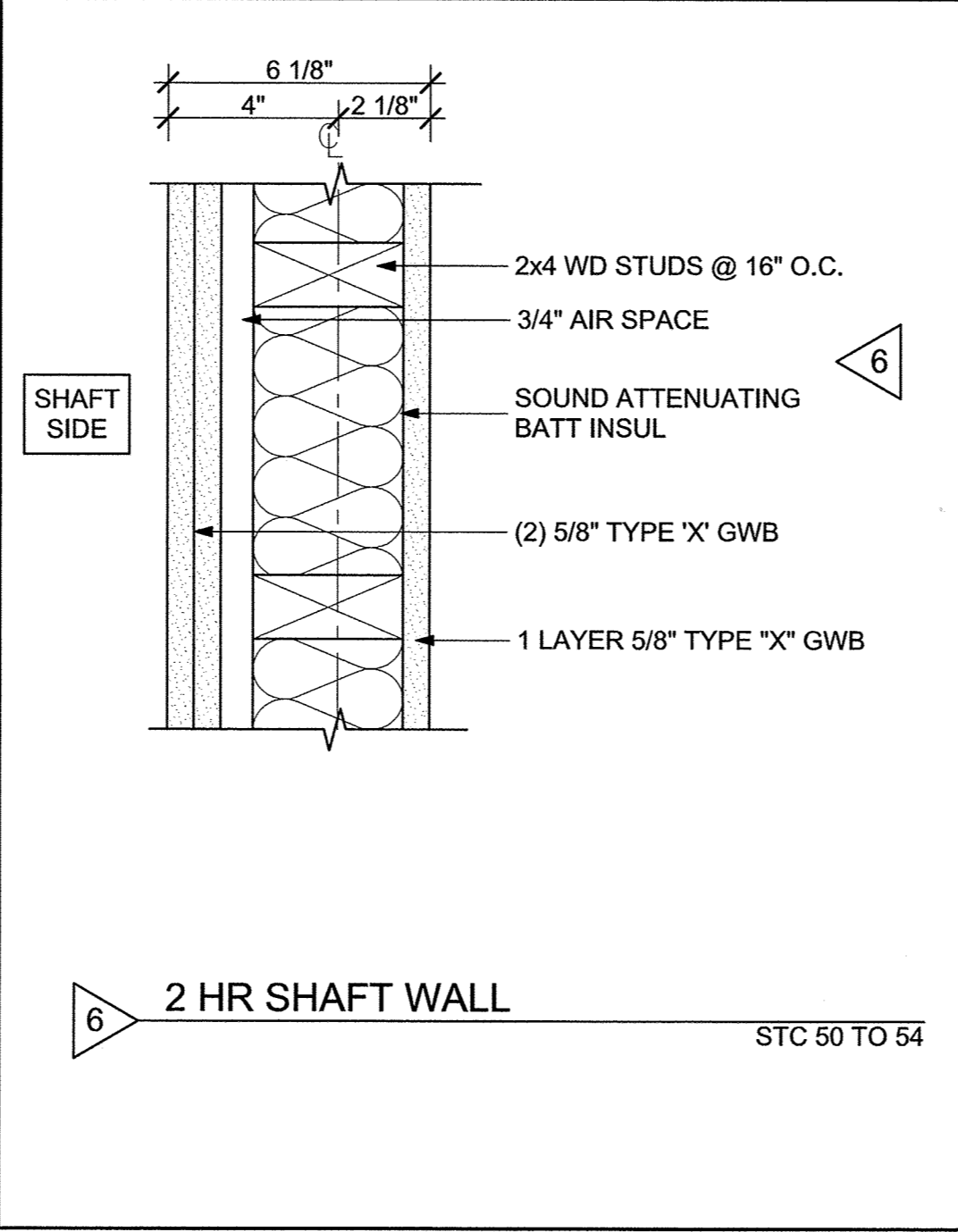
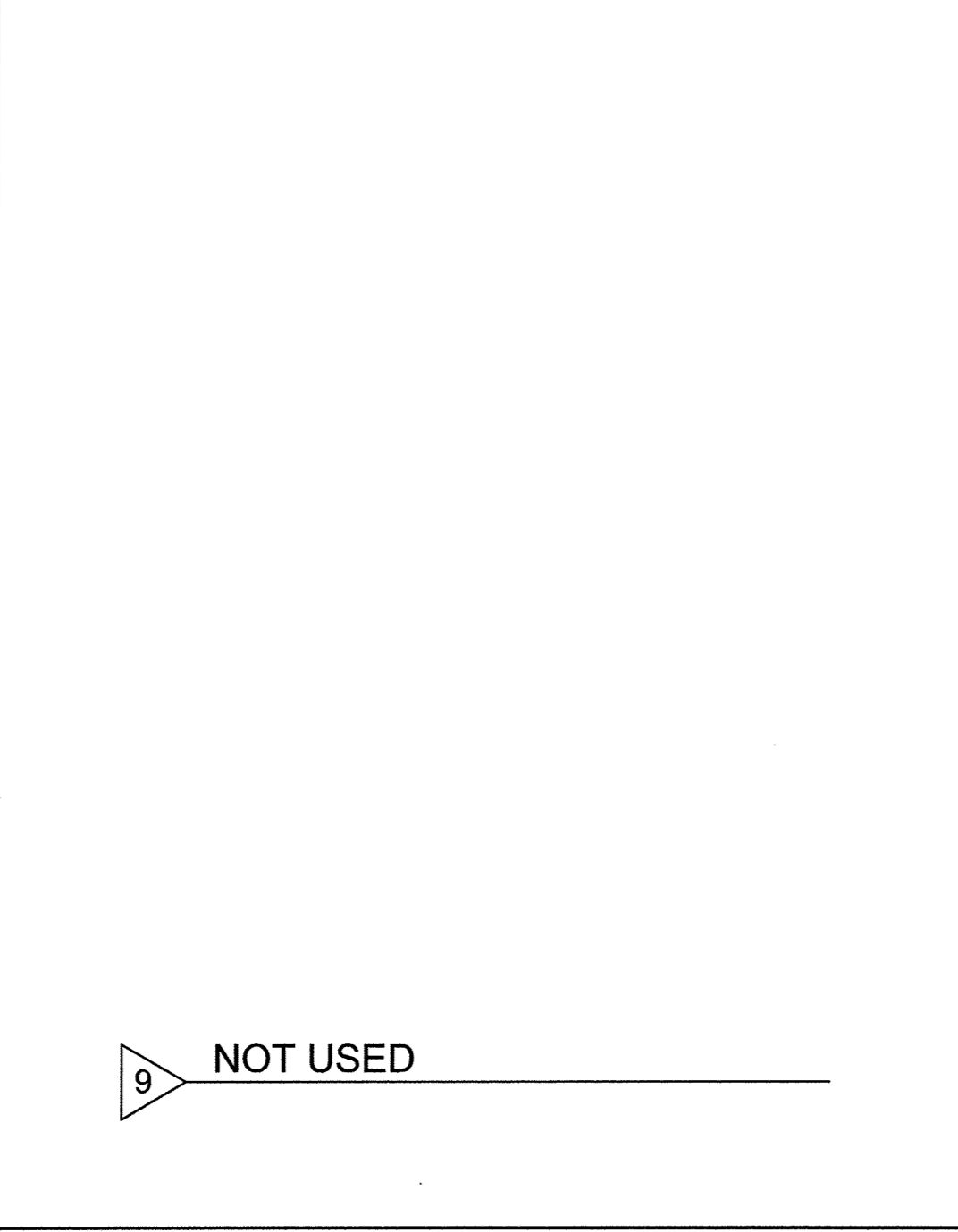
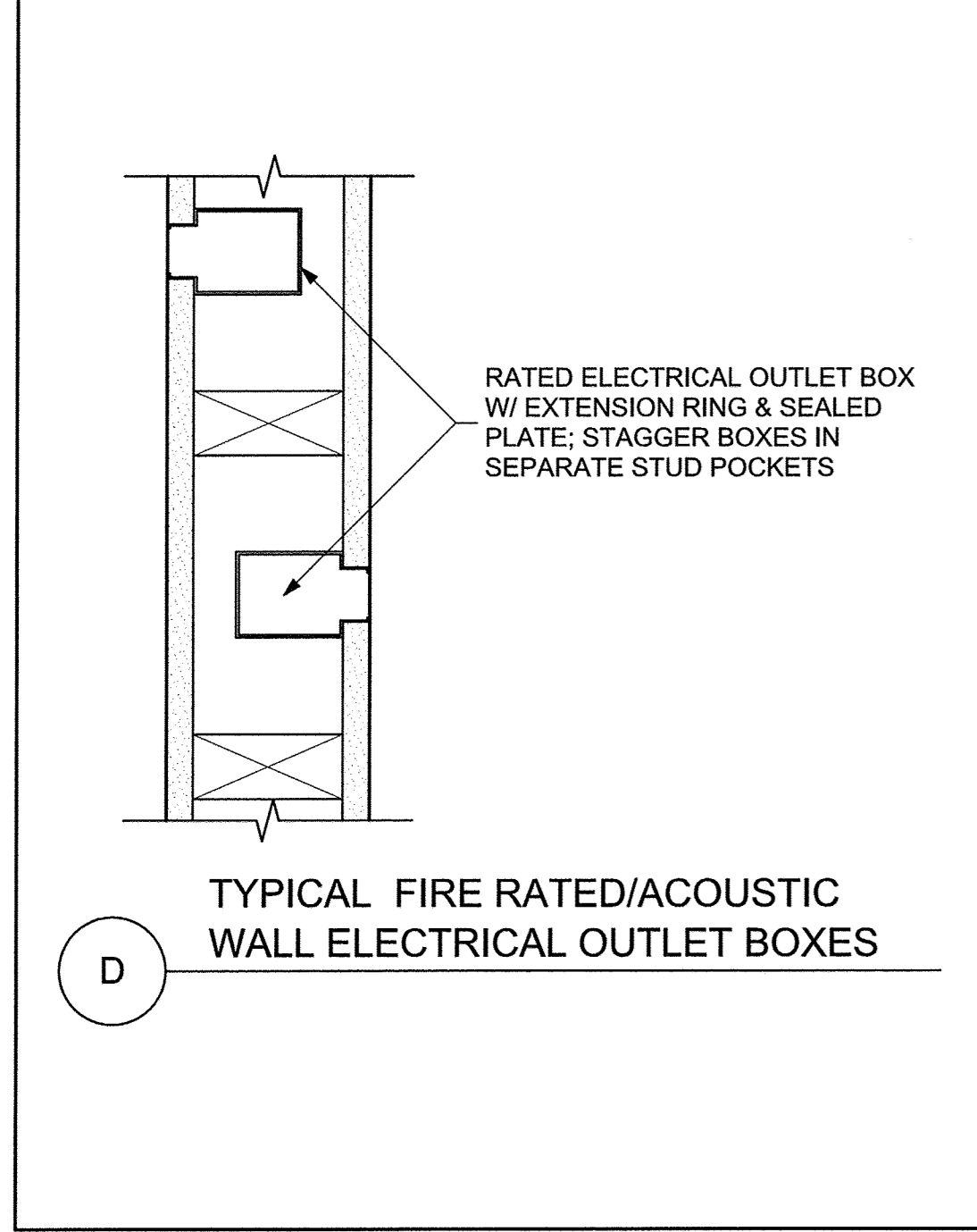
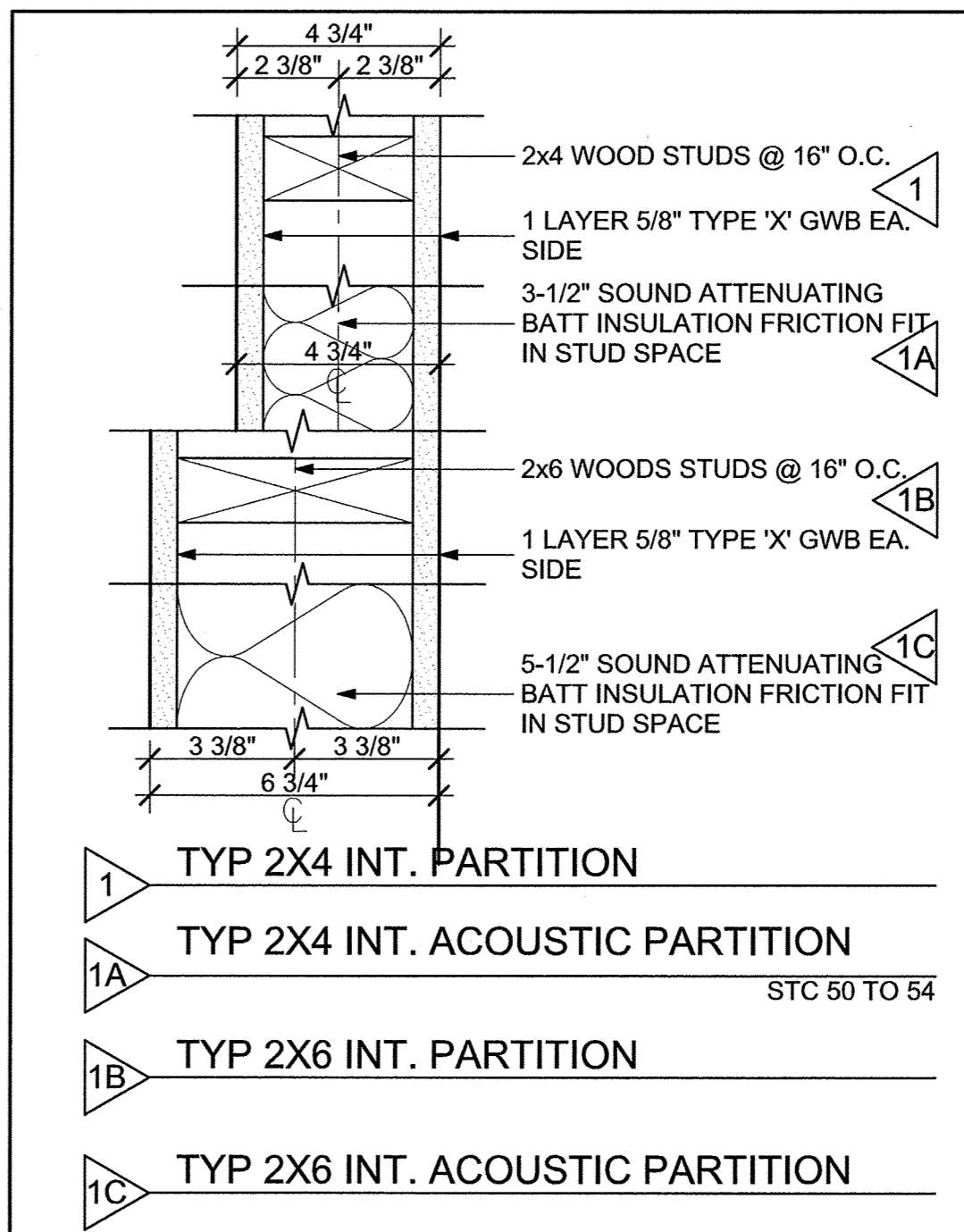
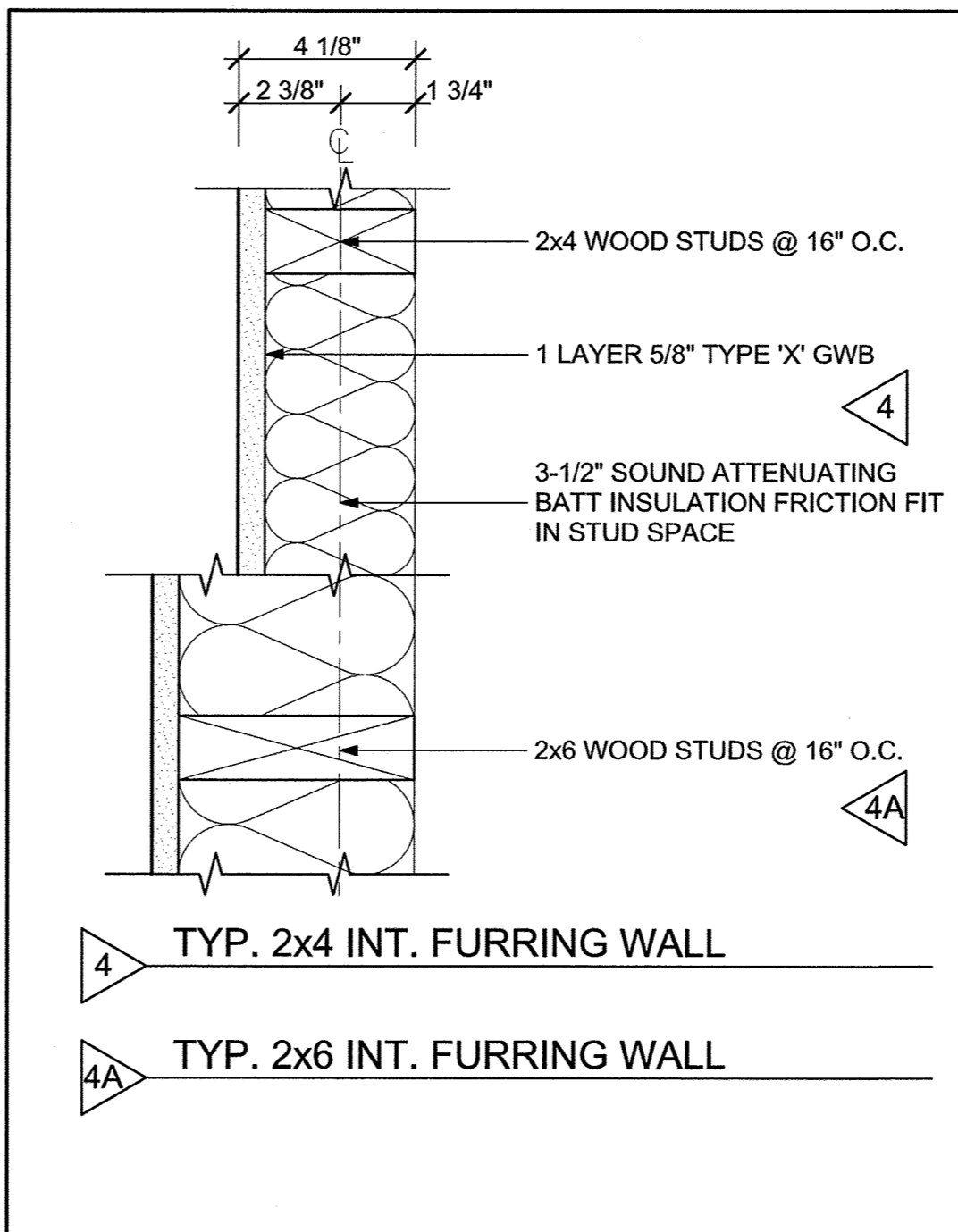
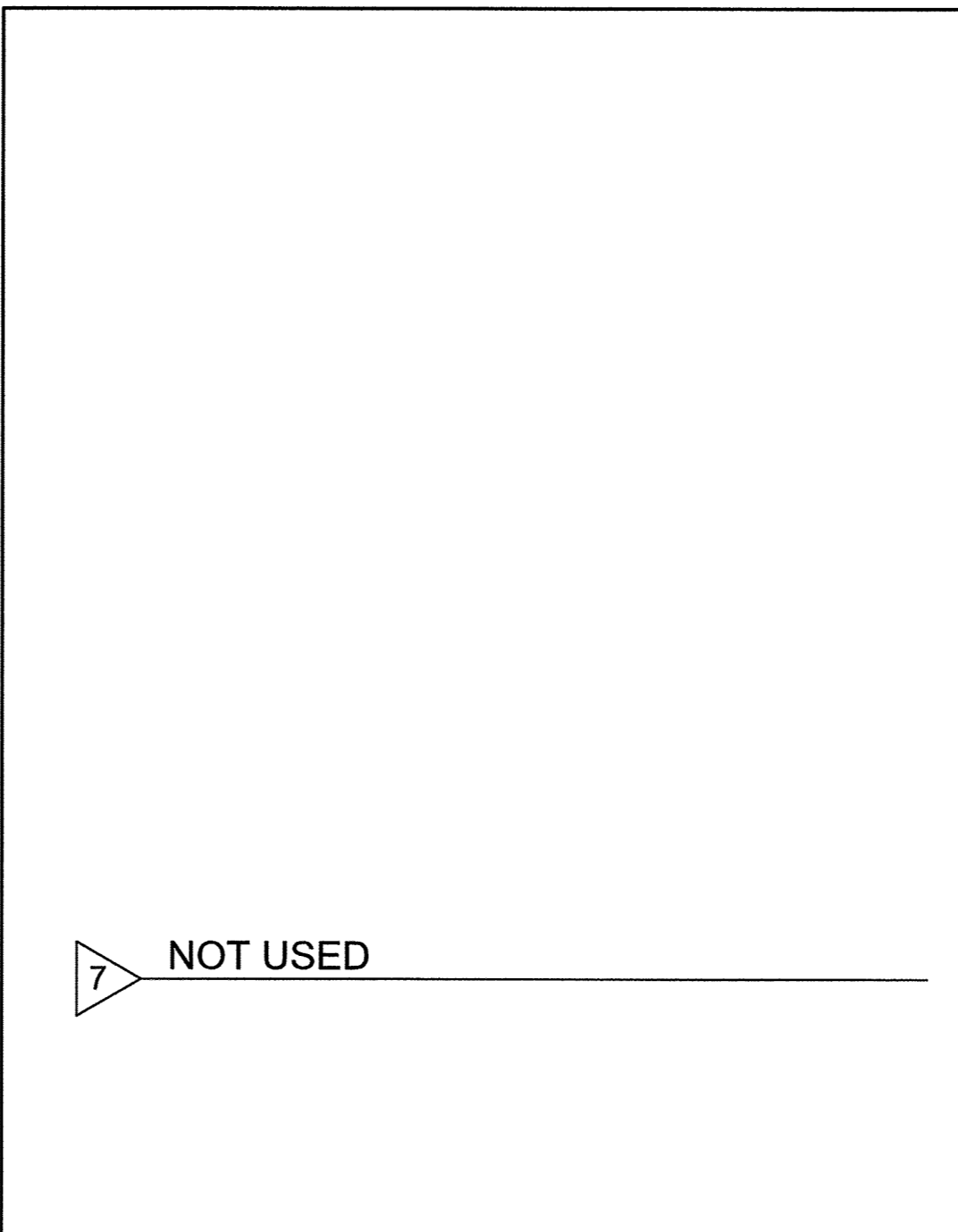
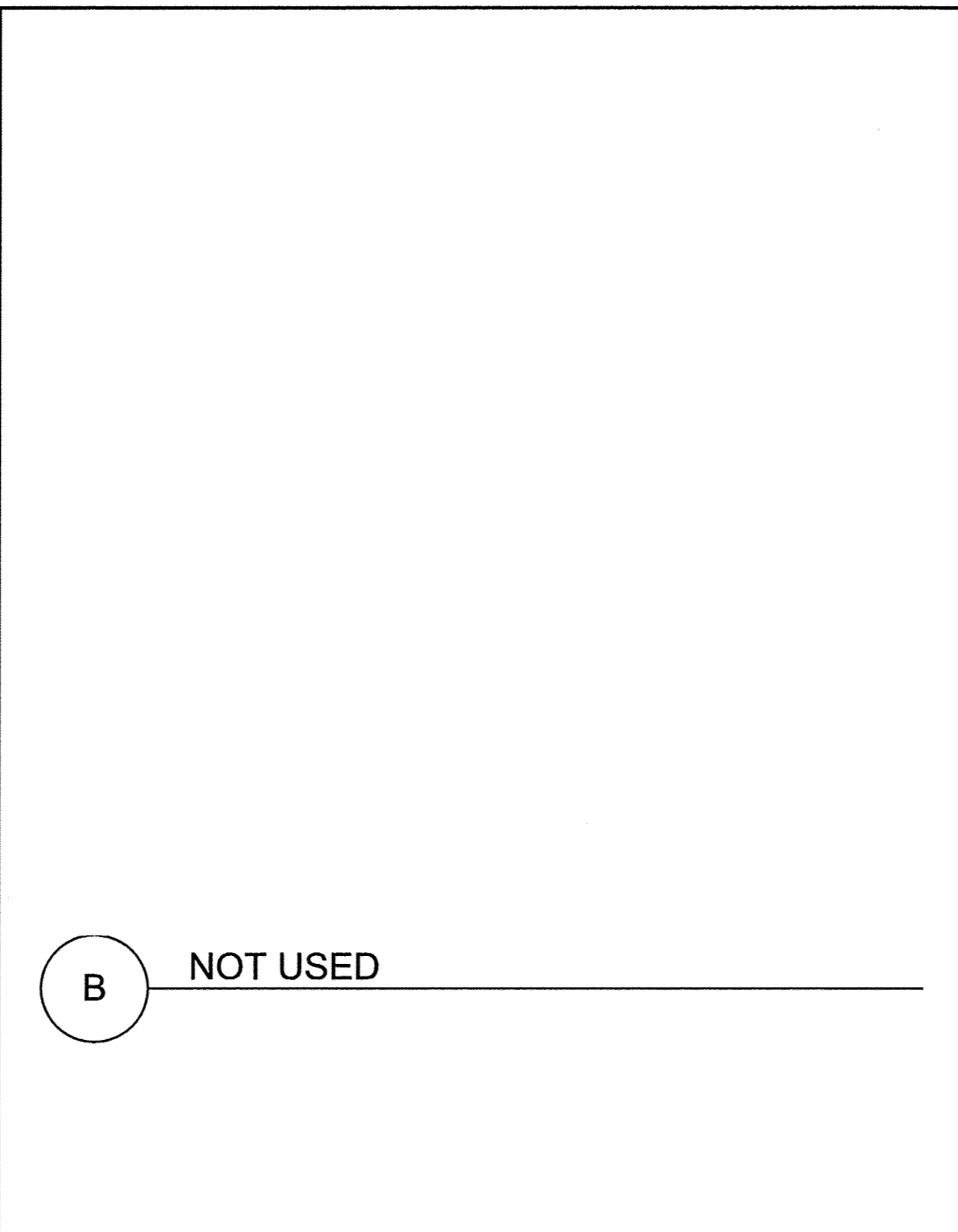
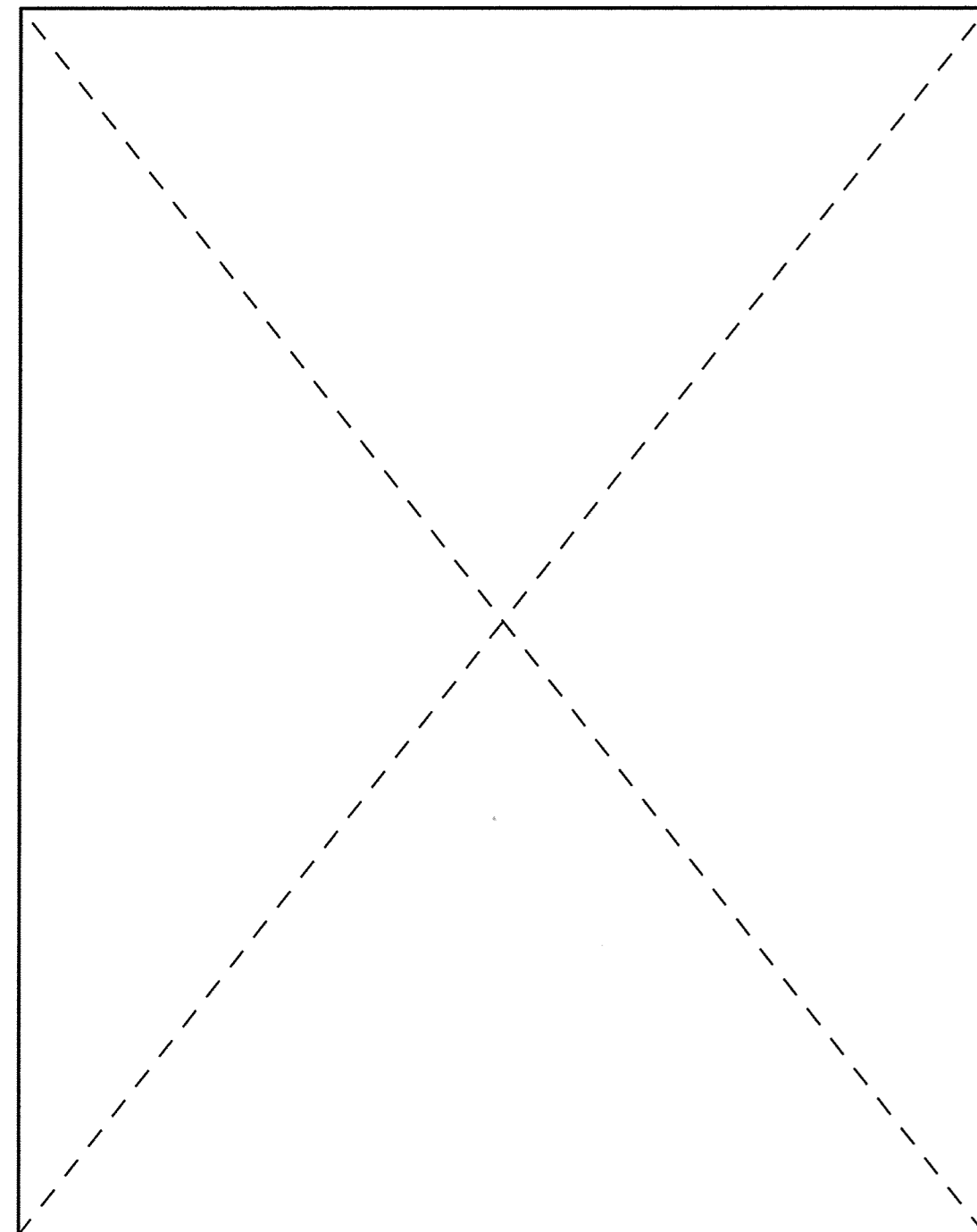
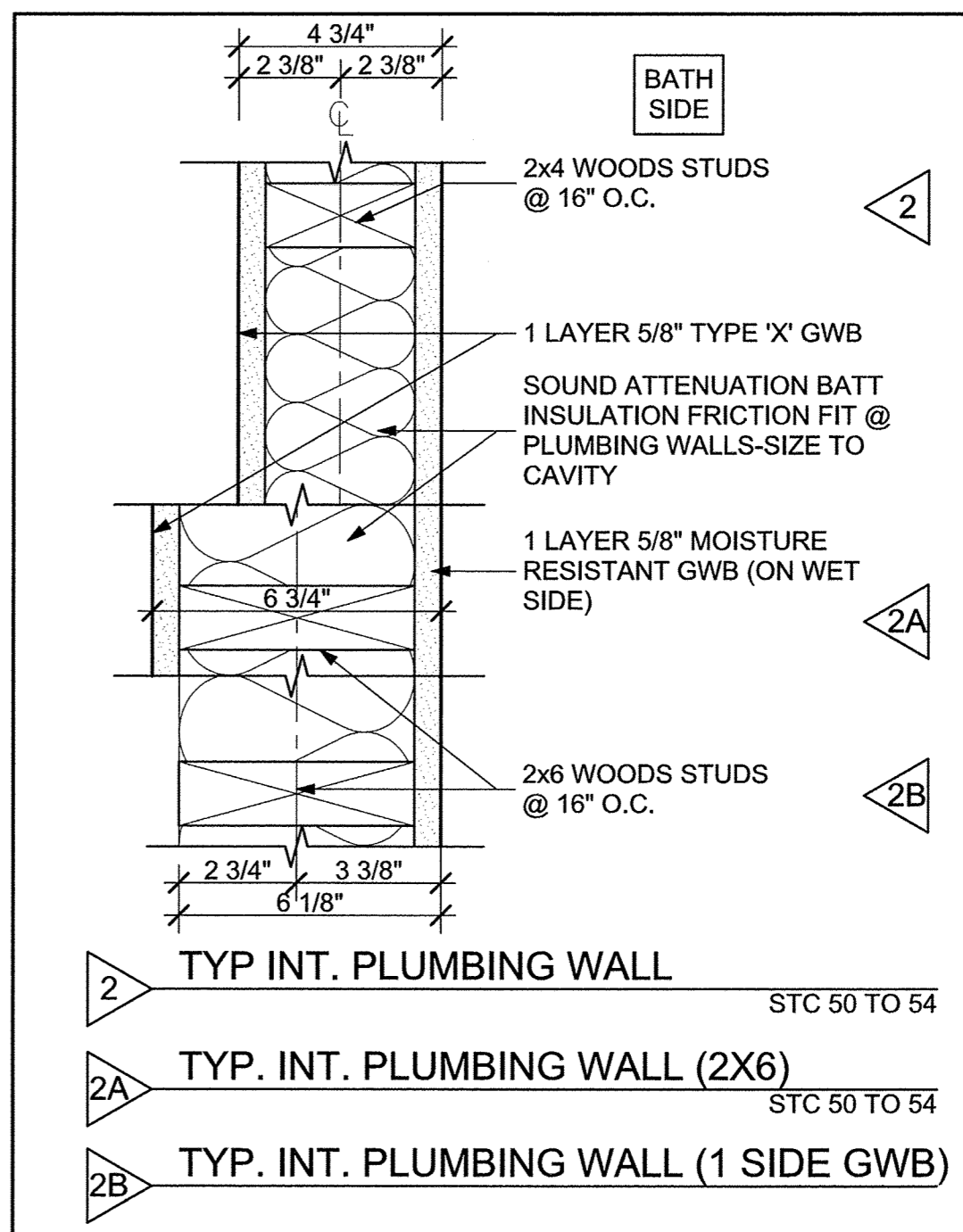
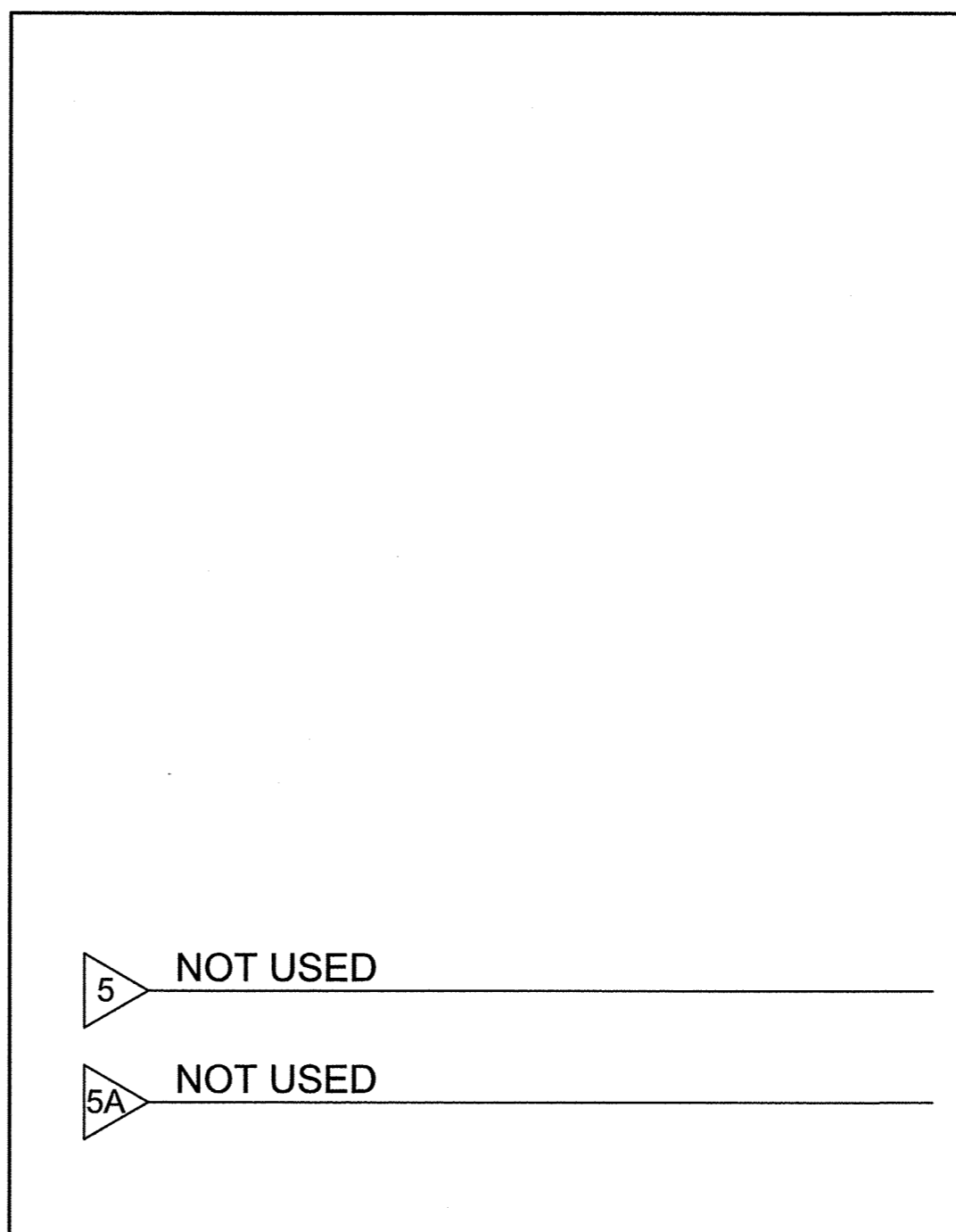
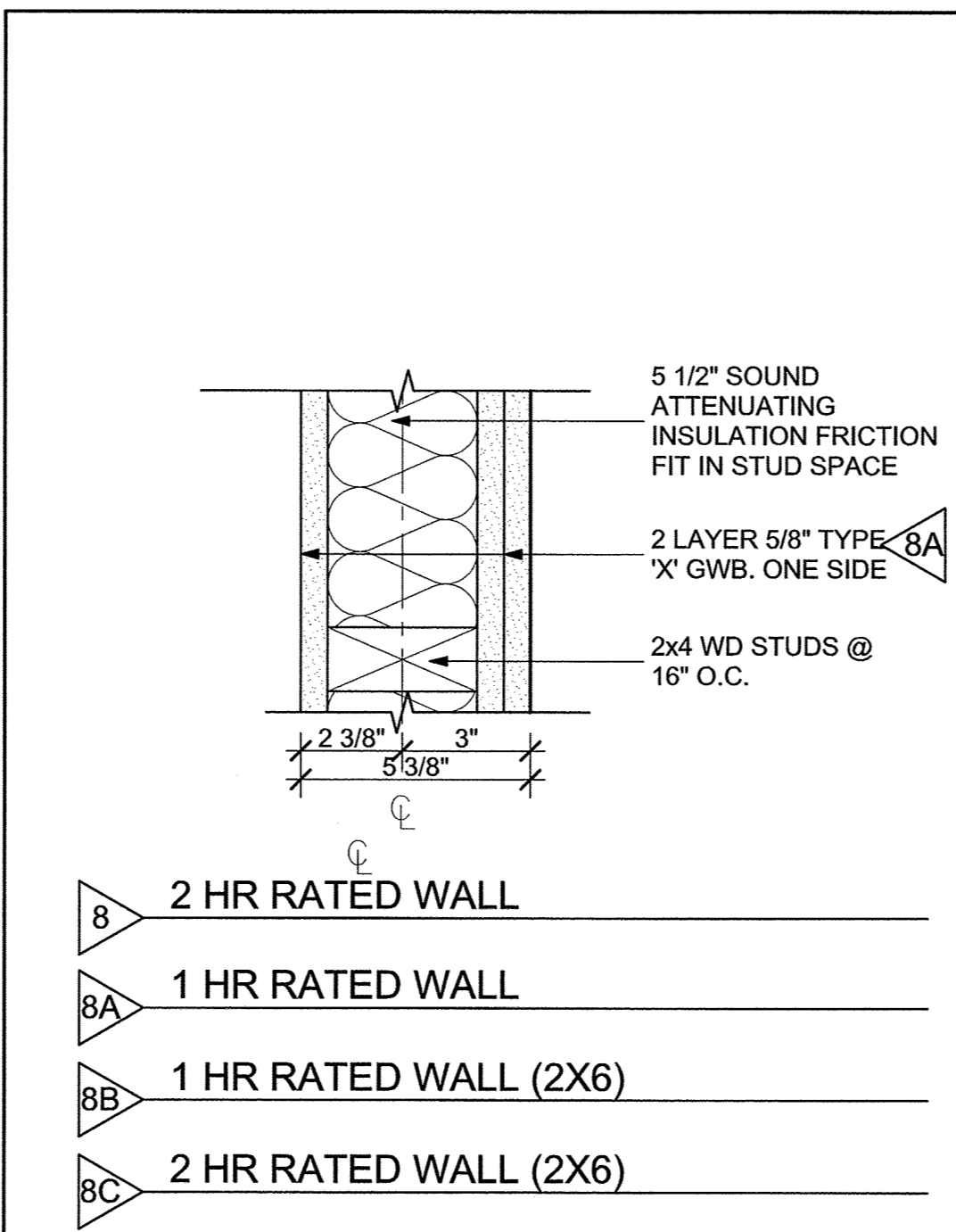
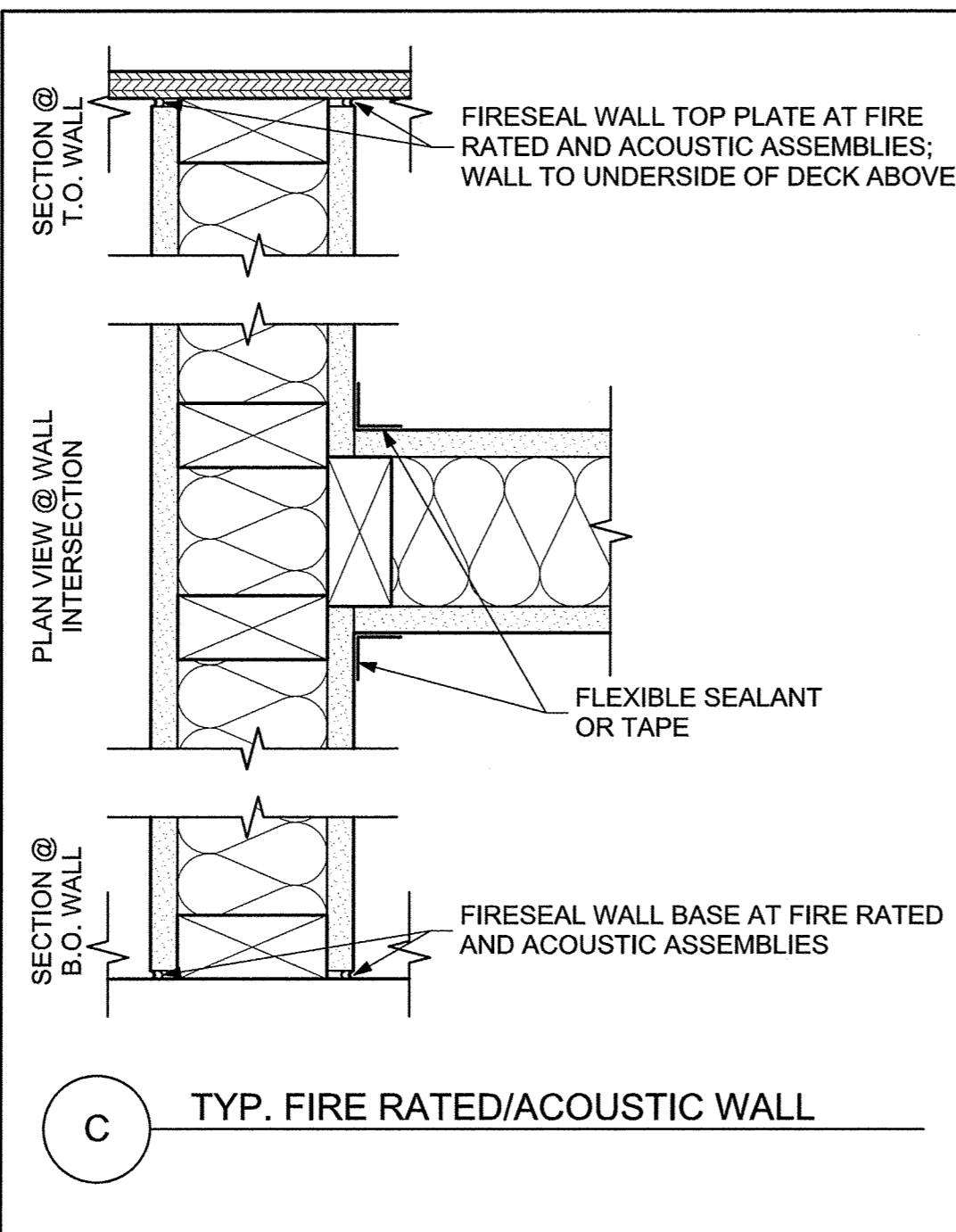
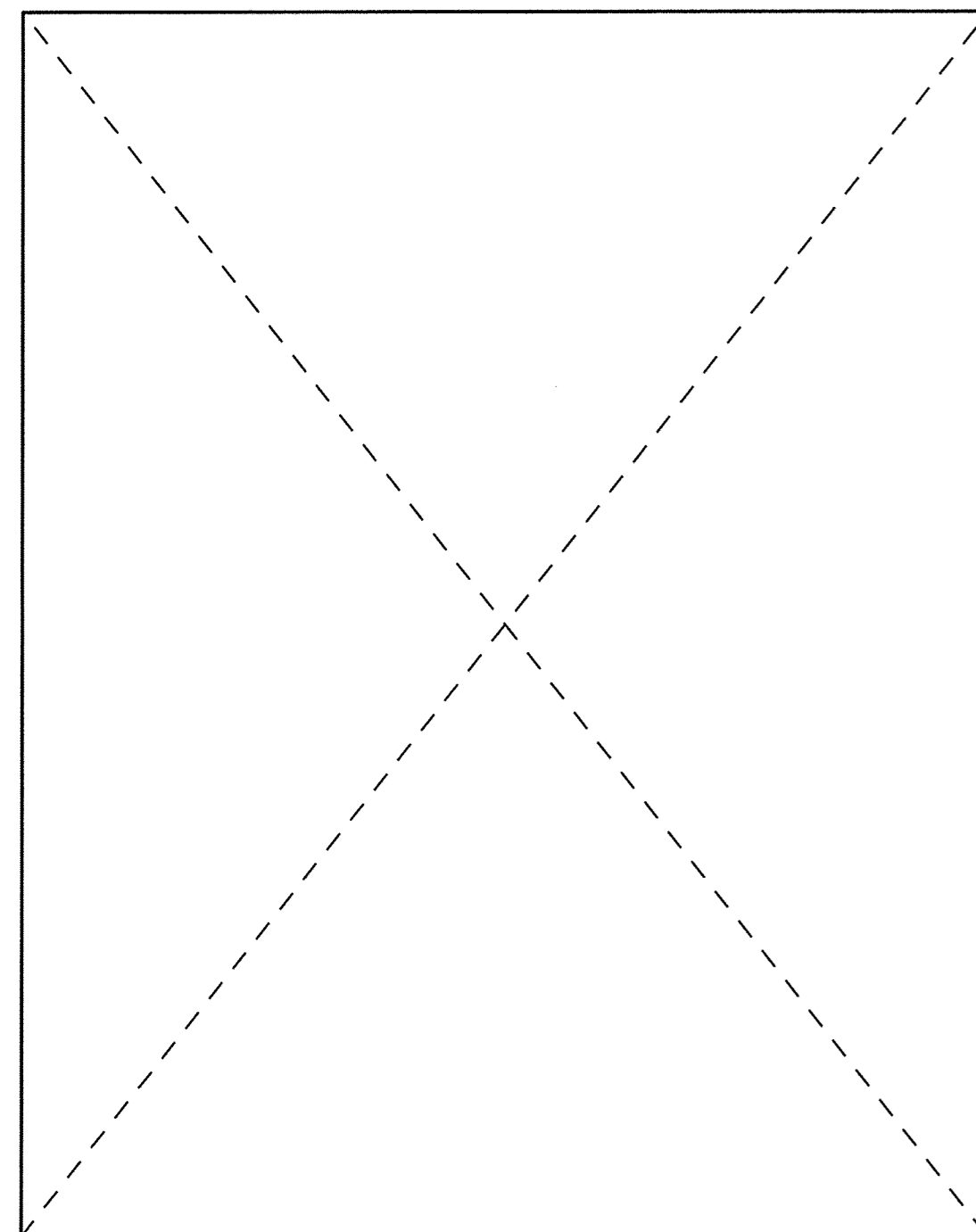
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SHEET TITLE

FINISH SCHEDULE

A-807



GENERAL NOTES:

1. PROVIDE MOISTURE-RESISTANT GWB @ BATH WALLS & BATH CEILINGS; PLUMBING WALLS IN KITCHENS, LAUNDRY; MECHANICAL & EQUIPMENT ROOMS & PLUMBING CHASE WALLS.
2. GAUGE OF INTERIOR METAL STUDS TO BE DETERMINED IN ACCORDANCE W/ SPECIFICATION SECTION 09260 GYPSUM BOARD ASSEMBLIES. WHERE HEIGHT OF WALL EXCEEDS 15'-0" PROVIDE 12 GA STUDS AT 12" O.C.; UNLESS OTHERWISE NOTED.
3. PROVIDE NON-HARDENING ACOUSTIC SEALANT AROUND PERIMETER OF CEILING AND FLOOR OF ALL ROOMS AND AT DOOR FRAME PENETRATIONS. ALL PIPE, DUCT, AND EQUIPMENT PENETRATIONS SHOULD BE KEPT TO A MINIMUM AND SHOULD BE AT LEAST 3/8" WIDER THAN THE CIRCUMFERENCE / DEPTH OF THE PENETRATING ELEMENT TO ENSURE THAT THERE IS NO RIGID CONTACT. FILL ALL PENETRATIONS WITH NON-HARDENING ACOUSTIC SEALANT.
4. ALL TOILET ROOM AND BATHROOM STUD WALLS TO EXTEND TO UNDERSIDE OF FLOOR ABOVE. CONTINUE GWB OUTSIDE OF STUD WALL TO FLOOR ABOVE, FILL STUD CAVITY WITH ACOUSTIC INSULATION FOR FULL HEIGHT.
5. REFER TO UL ASSEMBLY NUMBER FOR COMPLETE ASSEMBLY NOTES AND METHODS.

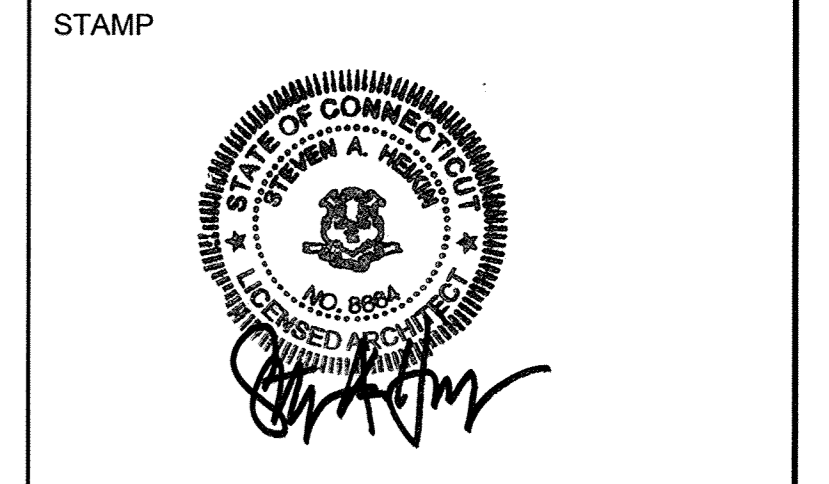
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13 Day Street Building A

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DRAWN BY: AF, SO
CHECKED BY:

SHEET TITLE
PARTITION TYPES

A-808

GENERAL

- 2005 STATE OF CONNECTICUT BUILDING CODE AND SUPPLEMENT.
THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING AND BRACING TO MAINTAIN THE STABILITY, SAFETY, AND LATERAL LOAD RESISTANCE OF THE BUILDING AND ITS INDIVIDUAL COMPONENTS THROUGHOUT CONSTRUCTION.

BUILDING DESIGN LOADS

DESIGN LIVE LOADS
ONE & TWO FAMILY DWELLING: 40PSF
ONE & TWO FAMILY DWELLING-STAIRS: 40PSF
ONE & TWO FAMILY DWELLING-SLEEPING AREAS: 30PSF

SNOW LOADS
GROUND SNOW LOAD: Pg = 30
IMPORTANCE FACTOR: Is = 1.0
FLAT ROOF SNOW LOAD: Pf = 30PSF
SNOW EXPOSURE FACTOR: Ce = 0.9
THERMAL FACTOR: Ct = 1.1

WIND LOADS
BASIC WIND SPEED (3 SEC GUST): 110 MPH
WIND EXPOSURE CATEGORY: C
WIND IMPORTANCE FACTOR: Iw = 1.0
INTERNAL PRESSURE COEFFICIENT: Gcpl = +/- 0.18
C&C WIND PRESSURE: ASCE 7 CH.6

SEISMIC LOADS
SPECTRAL RESPONSE ACCELERATION AT SHORT PERIODS: Ss=0.3
SPECTRAL RESPONSE ACCELERATION AT ONE-SECOND PERIODS: S1=0.066
SPECTRAL RESPONSE COEFFICIENT AT SHORT PERIODS: Sds=0.312
SPECTRAL RESPONSE COEFFICIENT AT ONE-SECOND PERIODS: Sd1=0.106
SEISMIC DESIGN CATEGORY: B
SITE CLASS: D
ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE METHOD

LATERAL LOAD RESISTING SYSTEMS:

BEARING WALL SYSTEM - LIGHT FRAME WALLS WITH SHEAR PANELS - WOOD STRUCTURAL PANELS.
RESPONSE MODIFICATION FACTOR: R=6.5
SEISMIC RESPONSE COEFFICIENT: Cs=0.048
DESIGN BASE SHEAR: V=0.048W

FOUNDATIONS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RECOMMENDATIONS SET FORTH IN THE "GEOTECHNICAL ENGINEERING INVESTIGATION - PROJECT ... DATED ... PREPARED BY GIBBLE NORDEN CHAMPION BROWN CONSULTING ENGINEERS, INC. OLD SAYBROOK, CT.
1. ALL FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL MATERIAL OR CONTROLLED STRUCTURAL FILL HAVING AN ALLOWABLE BEARING VALUE OF 2 TONS PER SQUARE FOOT TOTAL LOAD PRESSURE AND SHALL BEAR LEAST 3'-6" BELOW FINISH GRADE WHERE EXPOSED TO FREEZING.

REINFORCED CONCRETE

- ALL CONCRETE IS DESIGNED BY ULTIMATE STRENGTH METHODS PER ACI 318 AND SHALL BE NORMAL WEIGHT (UNLESS INDICATED AS LIGHT WEIGHT ON PLANS) AIR ENTRAINED WITH A 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:
WALLS AND FOUNDATIONS 3000 PSI
INTERIOR SLABS ON GRADE 3500 PSI
EXTERIOR SLABS ON GRADE 4500 PSI
BEAMS, COLUMNS, STRUCTURAL SLABS 4000 PSI
COMPOSITE CONCRETE SLABS 3000 PSI

- ALL REINFORCING BARS SHALL BE HIGH STRENGTH DEFORMED BARS ASTM A 615 - GRADE 60 U.N.O.
REINFORCING BARS FOR WELDING TO STRUCTURAL STEEL SHALL BE ASTM A706 WELDABLE REINFORCING.
DETAIL ALL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL - 1988." SHOW ON THE PLACING DRAWINGS THE NUMBER AND LOCATION OF ALL BAR SUPPORTS AND ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT IN POSITIONS INDICATED.
MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT WHEN NOT OTHERWISE INDICATED SHALL BE:
CONCRETE POURED AGAINST EARTH: 3"
CONCRETE POURED IN FORMS BUT EXPOSED TO EARTH OF WEATHER: BARS #5 AND SMALLER 1 - 1/2" BARS LARGER THAN #5 2"
COLUMNS BEAMS AND GIRDERS: 1 - 1/2"
SLABS, WALLS NOT EXPOSED TO EARTH OR WEATHER: 3/4"

NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR APPROVED BY THE STRUCTURAL ENGINEER. REBAR DEVELOPMENT / SPLICE LENGTH SHALL BE AS SHOWN BELOW UNLESS OTHERWISE NOTED. VALUES SHOWN ARE IN INCHES. MAKE ALL BARS CONTINUOUS AROUND CORNERS.

Table with 3 columns: BEAMS, BOTTOM BARS, OTHER BARS. Rows #3 through #11.

Table with 3 columns: SLABS / MATS, THICKNESS 12" OR LESS, THICKNESS GREATER THAN 12". Rows #3 through #11.

Table with 3 columns: WALLS, VERTICAL BARS, HORIZONTAL BARS. Rows #3 through #11.

Table with 2 columns: COLUMNS, BAR SIZE, VERTICAL BARS. Rows #3 through #11.

- TABLES ARE BASED ON THE FOLLOWING:
1. fc = 4 KSI
2. MINIMUM CLEAR COVER AS SHOWN ABOVE.
3. MINIMUM CLEAR SPACING OF 3" BETWEEN ANY BARS.
4. fy = 60 KSI
5. NORMAL WEIGHT CONCRETE.
6. TABULATED VALUES REPRESENT CLASS B CONDITIONS. ALL SPLICES TO BE CLASS B U.N.O.
7. FOR WALLS: CASE 1 = CLEAR SPACING: 2db AND CLEAR COVER >= db CASE 2 = OTHER THAN CASE 1
FOR fc = 3 KSI DEVELOPMENT LENGTH = 1.15 x TABLE VALUE
fc = 5 KSI DEVELOPMENT LENGTH = 0.89 x TABLE VALUE
8. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.3.
9. FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED VALUES BY 1.5.
10. COMBINED EFFECTS DUE TO CONCRETE STRENGTH, CONCRETE WEIGHT, AND EPOXY BARS ARE CUMULATIVE. DEVELOPMENT LENGTH VALUES SHOW SHALL BE MULTIPLIED BY EACH FACTOR TO FIND THE CORRECT VALUE.
11. SLABS, BEAMS AND WALLS SHALL HAVE NO JOINTS IN A HORIZONTAL PLAN ANY STOP IN CONCRETE WORK MUST BE MADE AT CENTER OF SPAN OR AT CENTER OF SUPPORT WITH VERTICAL BULKHEADS, HORIZONTAL KEYS AND REINFORCING CONTINUING THROUGH. ALL CONSTRUCTION JOINTS SHALL BE AS DETAILED OR AS APPROVED BY THE STRUCTURAL ENGINEER.
12. WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END LAPS, AND SHALL BE WIRED TOGETHER. PROVIDE ADEQUATE SUPPORTS FOR MESH TO INSURE ITS LOCATION AS SHOWN ON DRAWINGS.
13. CONDUITS AND PIPES SHALL BE PLACED ABOVE BOTTOM BARS AND BETOP BARS AND SHALL NOT EXCEED 1/3 THE CONCRETE THICKNESS AT ANY CROSS SECTION. PARALLEL RUNS SHALL BE SPACED A MINIMUM OF 3 DIAMETERSON CENTER. NO ALUMINUM OR COATED CONDUIT PIPE SHALL BE USED.

POST-INSTALLED FASTENERS AND ANCHORS

- ALL HOLES INTO MASONRY OR CONCRETE WALLS FOR PROPRIETARY ANCHORING SYSTEMS SHALL BE DRILLED AND CLEANED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
ALL PROPRIETARY ANCHORING SYSTEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND USING ALL RECOMMENDED ACCESSORIES AND SUPPLEMENTAL COMPONENTS SUCH AS SCREEN TUBES, WASHERS, ETC.
ALL HOLES IN HOLLOW MASONRY SHALL BE DRILLED WITH ROTARY DRILLS. HAMMER DRILLS ARE NOT PERMITTED.
ALL EPOXY ADHESIVE SHALL BE HILTI RE-500, SIMPSON ET OR APPROVED EQUAL. U.N.O.
ALL ACRYLIC ADHESIVE SHALL BE HILTI HIT (ICE, HY150 OR HY20), SIMPSON AT OR APPROVED EQUAL. U.N.O.
ALL THREADED CONCRETE/MASONRY ANCHORS SHALL BE HILTI HUS-H, SIMPSON TITEN, ITW TAP-CON OR APPROVED EQUAL. U.N.O.
ALL EXPANSION ANCHORS SHALL BE HILTI KWIK-BOLT 3, SIMPSON WEDGE-ALL OR APPROVED EQUAL. U.N.O.

WOOD

- ALL FRAMING LUMBER SHALL BE DRY (19% MAXIMUM MOISTURE CONTENT) SPF U.N.O. PRESSURE TREATED SOUTHERN PINE SHALL BE USED FOR GROUND CONTACT, SILL PLATES, OR EXTERIOR USE.
STUDS SHALL BE STUD GRADE OR BETTER
ALL OTHER MEMBERS SHALL BE NO. 2 OR BETTER.
FOR EXPOSED FRAMING SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

- PROVIDE 1" x 4" CROSS-BRIDGING FOR ALL WOOD JOISTS AT 8'-0" O.C. MAXIMUM SPACING AND 2x SOLID BLOCKING BETWEEN JOISTS AT ALL SUPPORTS AND PARTITIONS.
WHERE FRAMING CLIPS OR JOISTS HANGERS ARE USED, NAILING SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS.
ALL OPENINGS SHALL BE FRAMED WITH DOUBLE MEMBERS UNLESS OTHERWISE NOTED ON PLANS.
TRUSSES SHALL BE DESIGNED AND CONSTRUCTED ACCORDING TO TRUSS PLATE INSTITUTE, TPI, SPECIFICATIONS AND SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. IF FIRE RETARDANT LUMBER IS USED FOR TRUSS MEMBERS, CHEMICALS USED SHALL BE COMPATIBLE AND NON-CORROSIVE TO GALVANIZED CONNECTOR PLATES.
TRUSS MANUFACTURER SHALL RETAIN A LICENSED SPECIALTY ENGINEER OF RECORD TO PROVIDE SIGNED AND SEALED CALCULATIONS OF TRUSS DESIGNS. CALCULATIONS SHALL INCLUDE LOADS AND LOCATIONS OF ANY TEMPORARY AND OR PERMANENT BRACING REQUIRED.
METAL CONNECTOR HARDWARE SHOWN ON PLANS AND DETAILS ARE SIMPSON STRONG-TIE CONNECTORS AND ARE SELECTED FOR LOAD REQUIREMENTS. SUBSTITUTION IS PERMITTED IF LOAD CAPACITIES OF ALTERNATE ARE OF EQUAL OR GREATER CAPACITY THAN COMPARABLE SIMPSON CONNECTOR. FASTENING SHALL BE PER MANUFACTURER'S REQUIREMENTS.

ENGINEERED WOOD

- ALL ENGINEERED LUMBER SHALL HAVE THE FOLLOWING MINIMUM DESIGN PROPERTIES:

Table: ENGINEERED WOOD PROPERTIES. Columns: Fb (psi), Fc PARR (psi), Fc PERP (psi), Fv (psi), E (psi). Rows: LVL, PSL.

Table: NAILING SCHEDULE. Columns: CONNECTION, NAILING. Rows: JOIST TO SILL OR GIRDER, TOE NAIL; WOOD JOIST TO WALL PLATE; BRIDGING TO JOIST, TOE NAIL EACH END; SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL; TOP OR SOLE PLATE TO STUD, END NAIL; etc.

NAILING SCHEDULE IS BASED ON COMMON WIRE NAILS. LARGER NAIL SIZES ARE REQUIRED FOR BOX OR PNEUMATIC DRIVEN FASTENERS. SUBSTITUTING PNEUMATIC NAILS OF EQUAL DIAMETER IS ACCEPTABLE.

COMMON WIRE NAIL DIAMETERS:
6d = 0.113" 12d = 0.148"
8d = 0.131" 16d = 0.162"
10d = 0.148" 20d = 0.192"

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT
Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

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Table with 2 columns: DATE, DESCRIPTION. Rows: 09-15-2014 PERMIT/ PRICING; 06-13-2014 PRICING; 11-18-2013 40% CHFA; 09-19-2013 CAM/ SPECIAL PERMIT

PROJECT NO.: 21222 | GNCB NO.: 13147
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SHEET TITLE
GENERAL NOTES

S-001

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

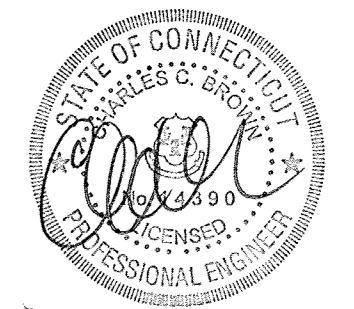


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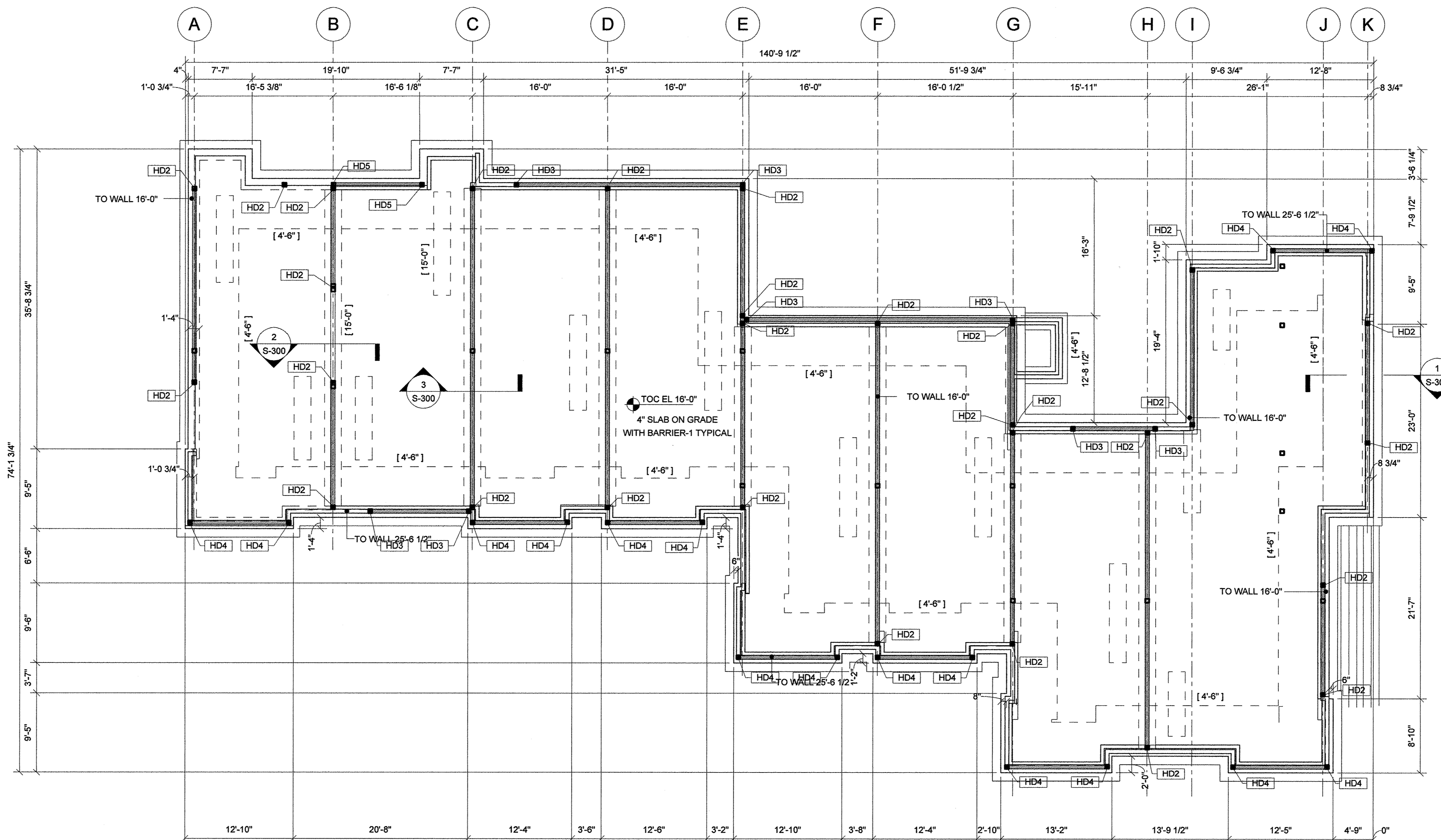
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| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

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SHEET TITLE

FOUNDATION / FIRST
FLOOR PLAN

S-101



① FOUNDATION LEVEL
1/8" = 1'-0"

SHEAR WALL NOTES:

1. [Symbol] DENOTES SHEAR WALL.
2. ALL EXTERIOR SHEAR WALLS TO BE SHEATHED WITH 5/8" PLYWOOD ON ONE SIDE WITH 10d NAILS AT 4"oc AT EDGES AND 12"oc IN FIELD U.N.O.
3. ALL INTERIOR SHEAR WALLS (DEMISING WALLS BETWEEN UNITS) TO BE SHEATHED WITH MIN 1/2" PLYWOOD ON ONE SIDE WITH 10d NAILS AT 4"oc AT EDGES AND 12"oc IN FIELD U.N.O.
4. ALL NAILS ARE ASSUMED TO BE COMMON WIRE NAILS.
5. PROVIDE 1"-0" MIN LAP ONTO WALL STUDS ABOVE FLOOR FRAMING TYPICAL. NO HORIZONTAL PANEL JOINTS AT FLOOR FRAMING.
6. PROVIDE SOLID BLOCKING AT ALL SHEATHING PANEL EDGES TYPICAL. DIMENSIONS SIZE TO MATCH WALL FRAMING.
7. WHERE SHEATHING IS INSTALLED ON BOTH FACES OF WALL, OFFSET VERTICAL PANEL EDGES TO FALL ON DIFFERENT FRAMING MEMBERS.
8. SHEATHING MAY BE INSTALLED HORIZONTAL OR VERTICAL U.N.O.
9. HDx DENOTES HOLD-DOWN LOCATION. SEE SHEET S-001 FOR HOLD-DOWN SCHEDULE.

| HOLD-DOWN SCHEDULE | | | |
|--------------------|--------------|-----------|--------------------|
| LABEL | MODEL | HD ANCHOR | COMPRESSION MEMBER |
| HD1 | MTSA24 | N/A | 2-2X6 |
| HD2 | HDU2-SDS2.5 | 5/8" DIA | 2-2X6 |
| HD3 | HDS5-SDS2.5 | 5/8" DIA | 2-2X6 |
| HD4 | HDS8-SDS2.5 | 7/8" DIA | 3-2X6 |
| HD5 | HDS11-SDS2.5 | 1" DIA | 6X8 |

- HOLD-DOWN NOTES:
1. SIMPSON HARDWARE REFERENCED.
 2. SEE S-100 SERIES DWGS FOR HOLD-DOWN LOCATIONS.
 3. FASTEN PER MANUFACTURER'S REQUIREMENTS.

- FOUNDATION NOTES:
1. SEE S-001 FOR GENERAL NOTES.
 2. SEE S-200 SERIES DRAWINGS FOR TYPICAL DETAILS.
 3. [xx.xx] DENOTES BOTTOM OF FOOTING ELEVATION.

Washington Village
Phase 1

13 Day Street
Building A

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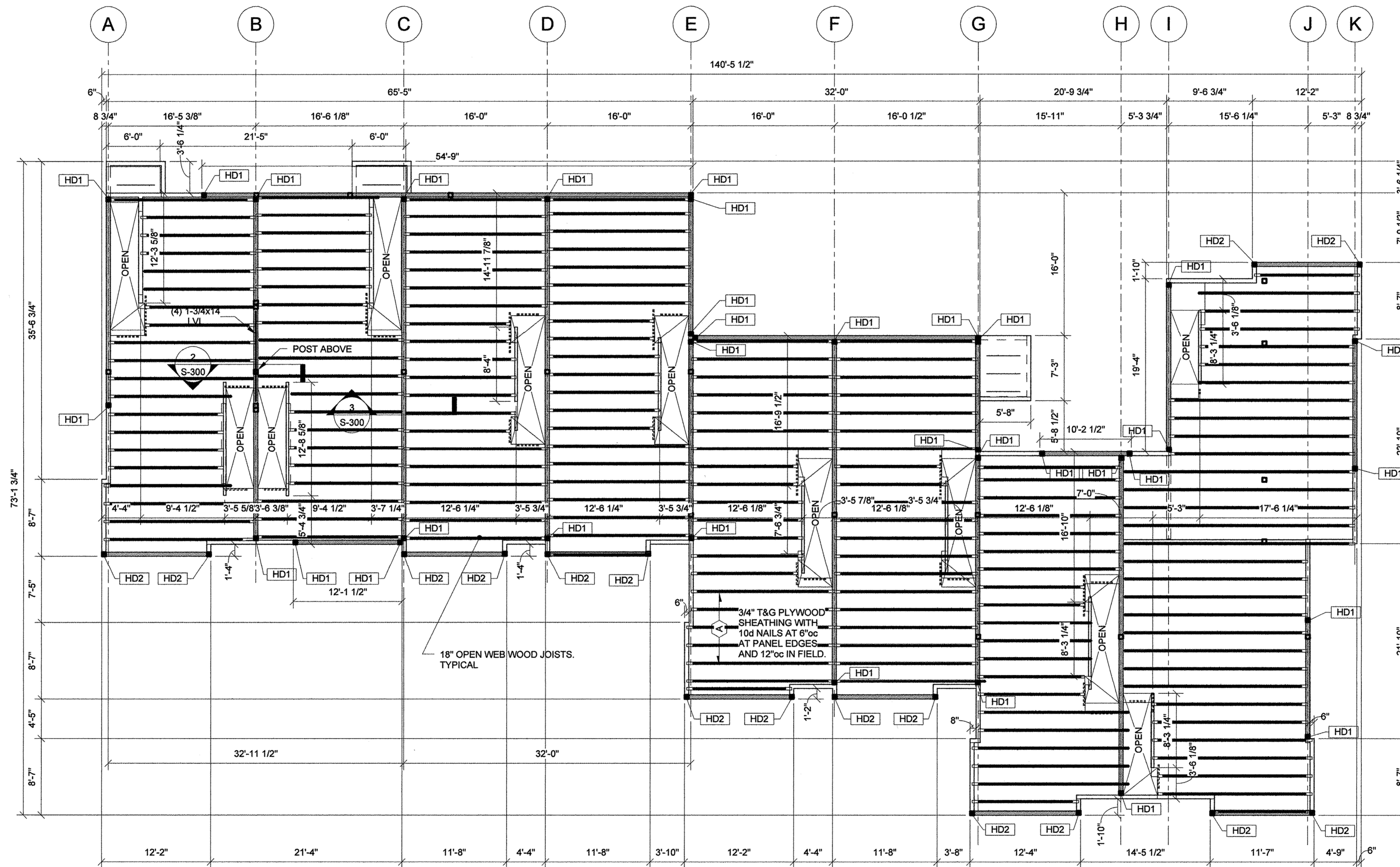
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| | 11-18-2013 | 40% CHFA |
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PROJECT NO.: 21222 | GNCB NO.: 13147
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SHEET TITLE

SECOND FLOOR
FRAMING PLAN

S-102



1 SECOND FLOOR
1/8" = 1'-0"

SHEAR WALL NOTES:

1. [Symbol] DENOTES SHEAR WALL.
2. ALL EXTERIOR SHEAR WALLS TO BE SHEATHED WITH 5/8" PLYWOOD ON ONE SIDE WITH 10d NAILS AT 4" OC AT EDGES AND 12" OC IN FIELD U.N.O.
3. ALL INTERIOR SHEAR WALLS (DEMISING WALLS BETWEEN UNITS) TO BE SHEATHED WITH MIN 1/2" PLYWOOD ON ONE SIDE WITH 10d NAILS AT 4" OC AT EDGES AND 12" OC IN FIELD U.N.O.
4. ALL NAILS ARE ASSUMED TO BE COMMON WIRE NAILS.
5. PROVIDE 1-0" MIN LAP ONTO WALL STUDS ABOVE FLOOR FRAMING TYPICAL. NO HORIZONTAL PANEL JOINTS AT FLOOR FRAMING.
6. PROVIDE SOLID BLOCKING AT ALL SHEATHING PANEL EDGES TYPICAL. DIMENSIONS SIZE TO MATCH WALL FRAMING.
7. WHERE SHEATHING IS INSTALLED ON BOTH FACES OF WALL, OFFSET VERTICAL PANEL EDGES TO FALL ON DIFFERENT FRAMING MEMBERS.
8. SHEATHING MAY BE INSTALLED HORIZONTAL OR VERTICAL U.N.O.
9. HDX DENOTES HOLD-DOWN LOCATION. SEE SHEET S-001 FOR HOLD-DOWN SCHEDULE.

HOLD-DOWN SCHEDULE

| LABEL | MODEL | HD ANCHOR | COMPRESSION MEMBER |
|-------|--------------|-----------|--------------------|
| HD1 | MTSA24 | N/A | 2-2X6 |
| HD2 | HDU2-SDS2.5 | 5/8" DIA | 2-2X6 |
| HD3 | HDS5-SDS2.5 | 5/8" DIA | 2-2X6 |
| HD4 | HDS8-SDS2.5 | 7/8" DIA | 3-2X6 |
| HD5 | HDS11-SDS2.5 | 1" DIA | 6X8 |

HOLD-DOWN NOTES:

1. SIMPSON HARDWARE REFERENCED.
2. SEE S-100 SERIES DWGS FOR HOLD-DOWN LOCATIONS.
3. FASTEN PER MANUFACTURER'S REQUIREMENTS.

PLAN NOTES:

1. SEE S-001 FOR GENERAL NOTES.
2. SEE S-200 SERIES DRAWING FOR TYPICAL DETAILS.

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

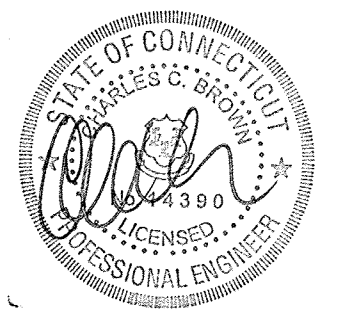


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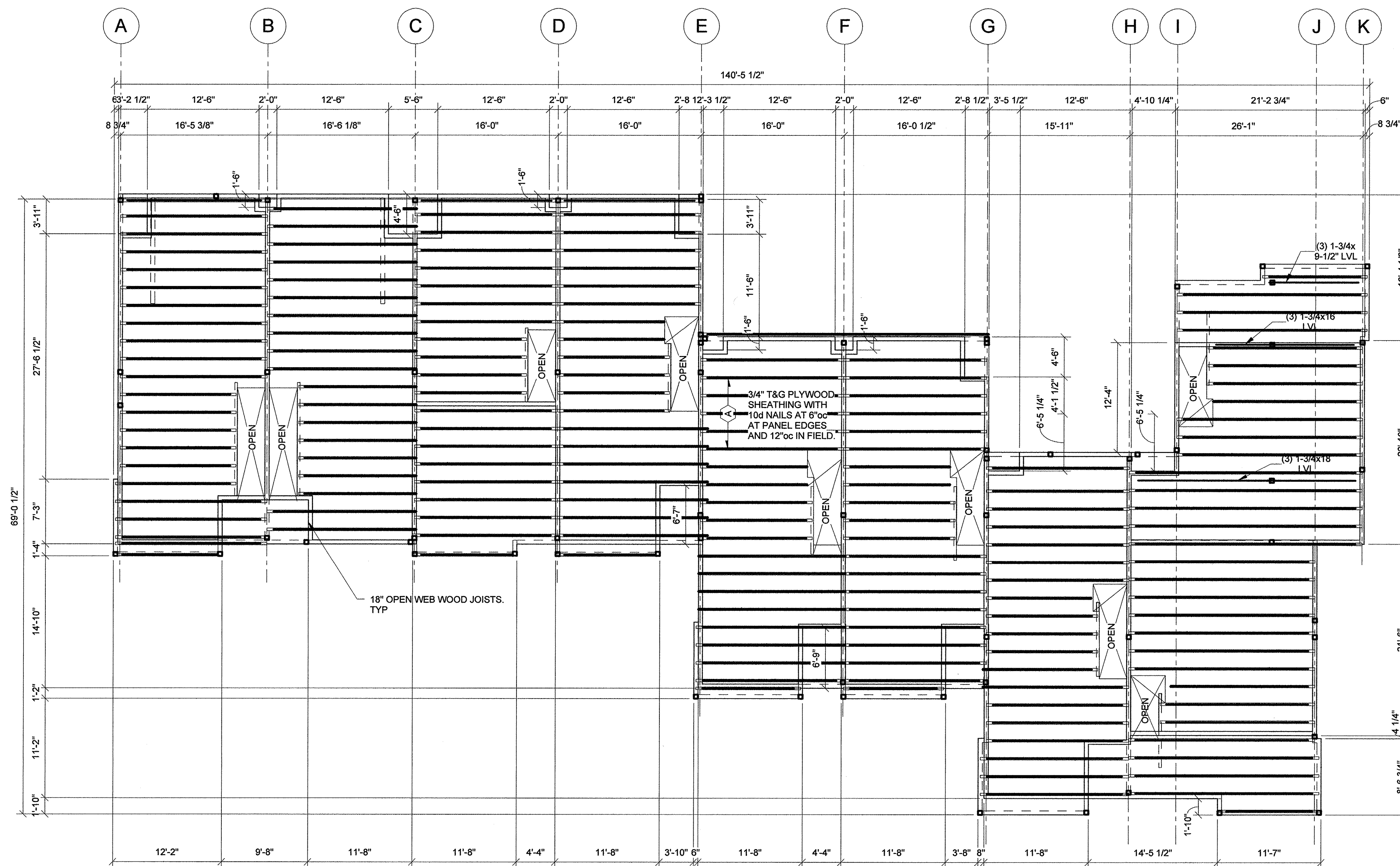
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PROJECT NO.: 21222 | GNCB NO.: 13147
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SHEET TITLE

THIRD FLOOR
FRAMING PLAN

S-103



1 THIRD FLOOR
1/8" = 1'-0"

PLAN NOTES:
1. SEE S-001 FOR GENERAL NOTES.
2. SEE S-200 SERIES DRAWING FOR TYPICAL DETAILS.

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
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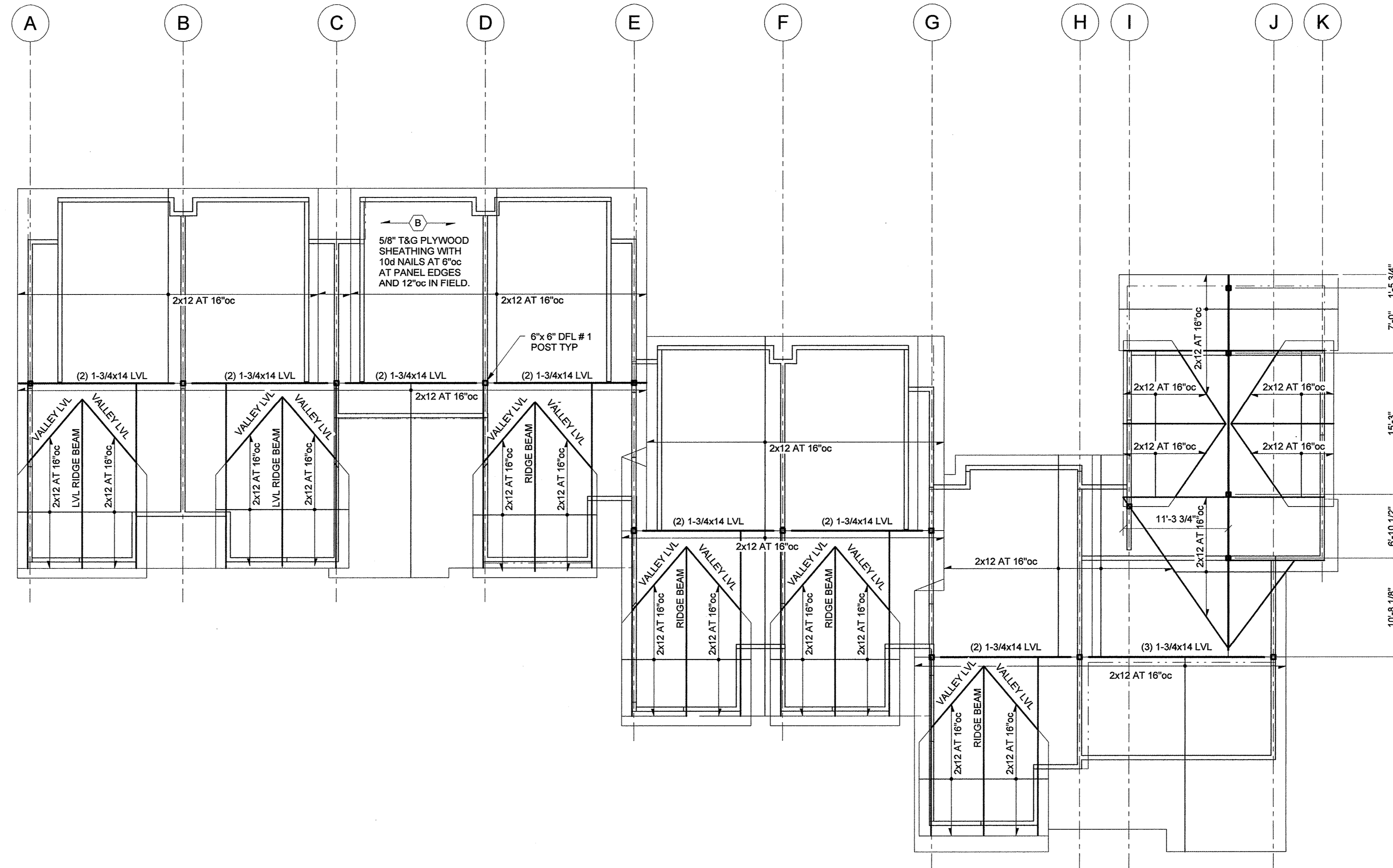
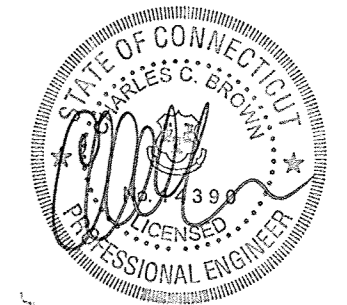
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① ATTIC / ROOF
1/8" = 1'-0"

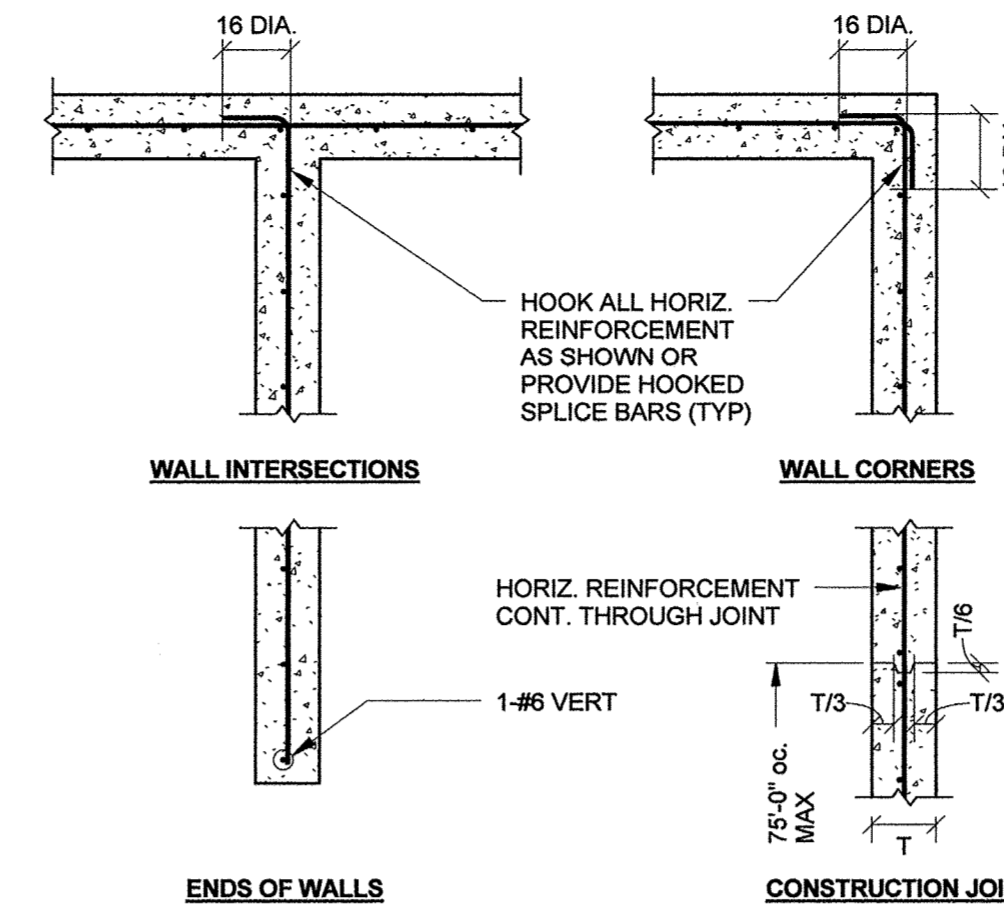
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| | 09-19-2013 | CAM/ SPECIAL PERMIT |

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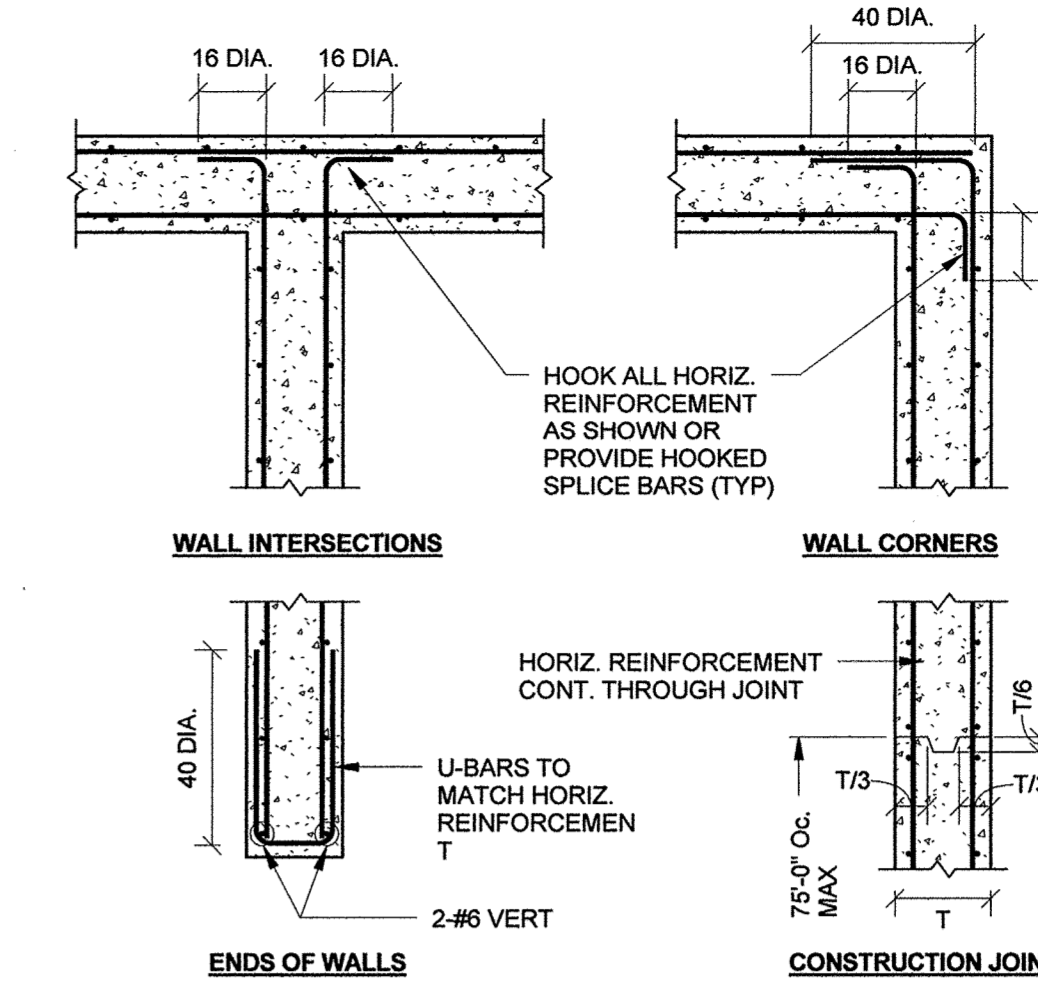
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ATTIC / ROOF FRAMING PLAN

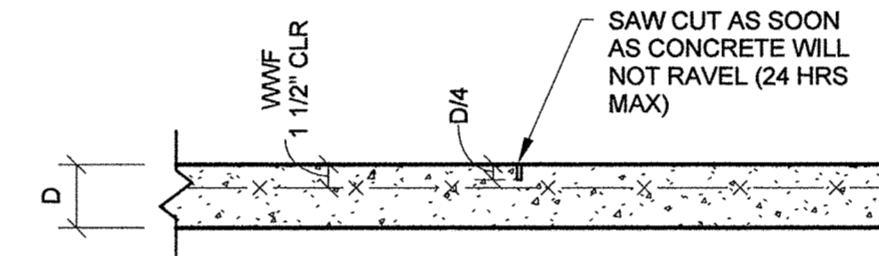
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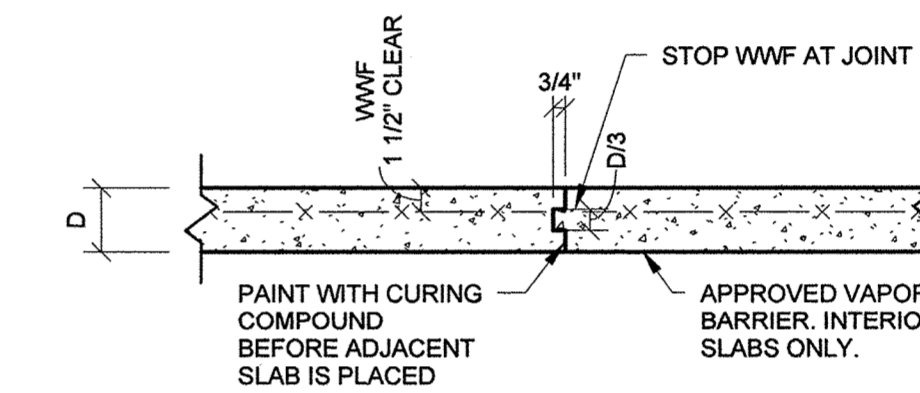
TYPICAL CONCRETE WALL REINFORCING DETAIL - WALLS LESS THAN 10" THICK



TYPICAL CONCRETE WALL REINF DETAIL - WALLS 10" THICK OR MORE



TYPICAL SLAB ON GRADE CONTROL JOINT DETAIL



TYPICAL SLAB ON GRADE CONSTRUCTION JOINT DETAIL

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
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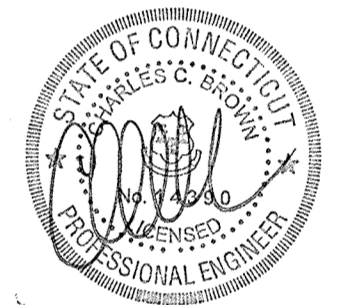


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| 09-19-2013 | CAM/ SPECIAL PERMIT | |
| MARK | DATE | DESCRIPTION |

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SHEET TITLE

TYPICAL DETAILS

S-200

Washington Village
Phase 1

13 Day Street
Building A

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Trinity Washington Village Limited Partnership
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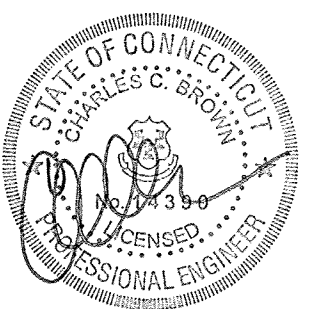
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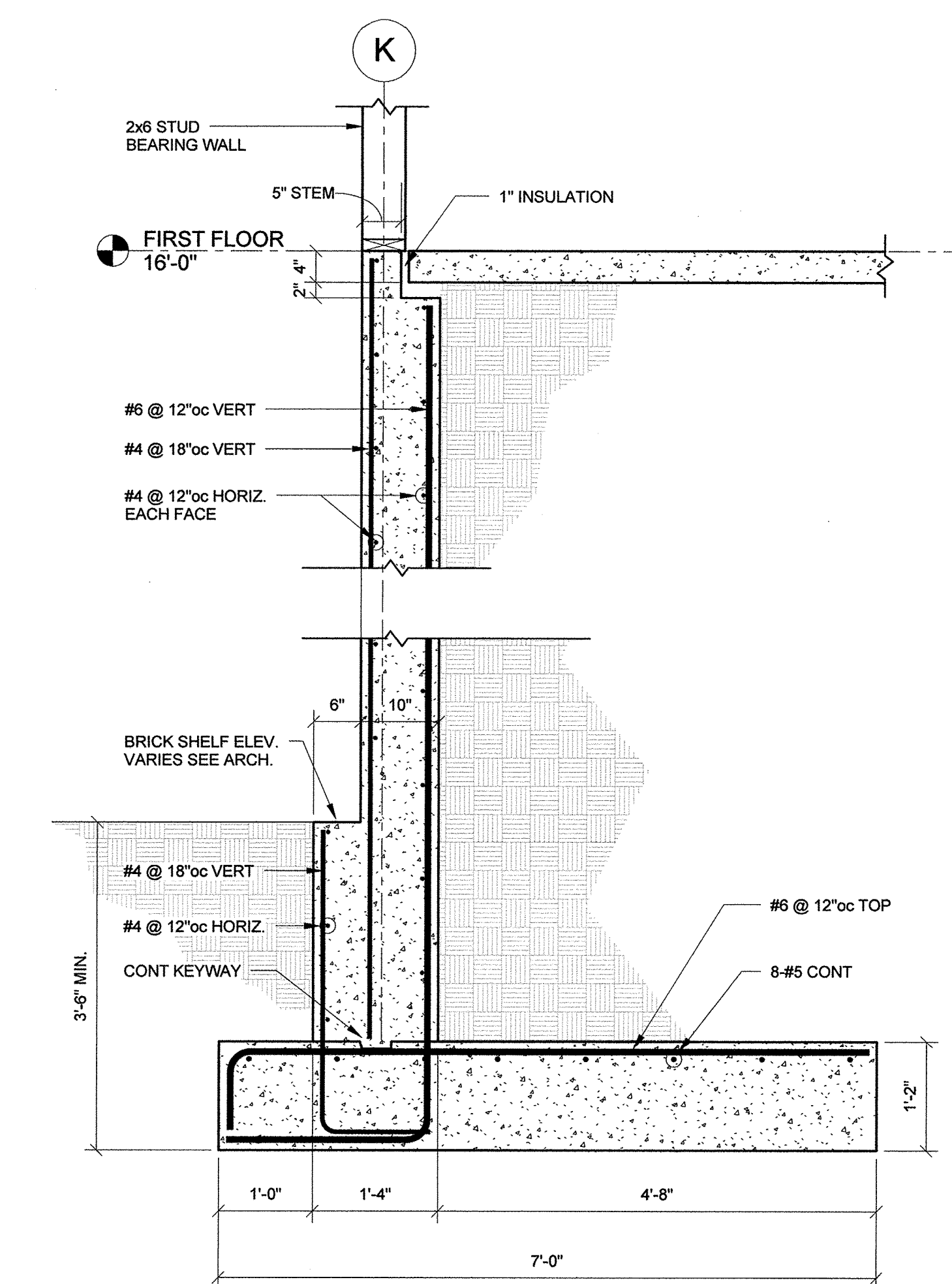
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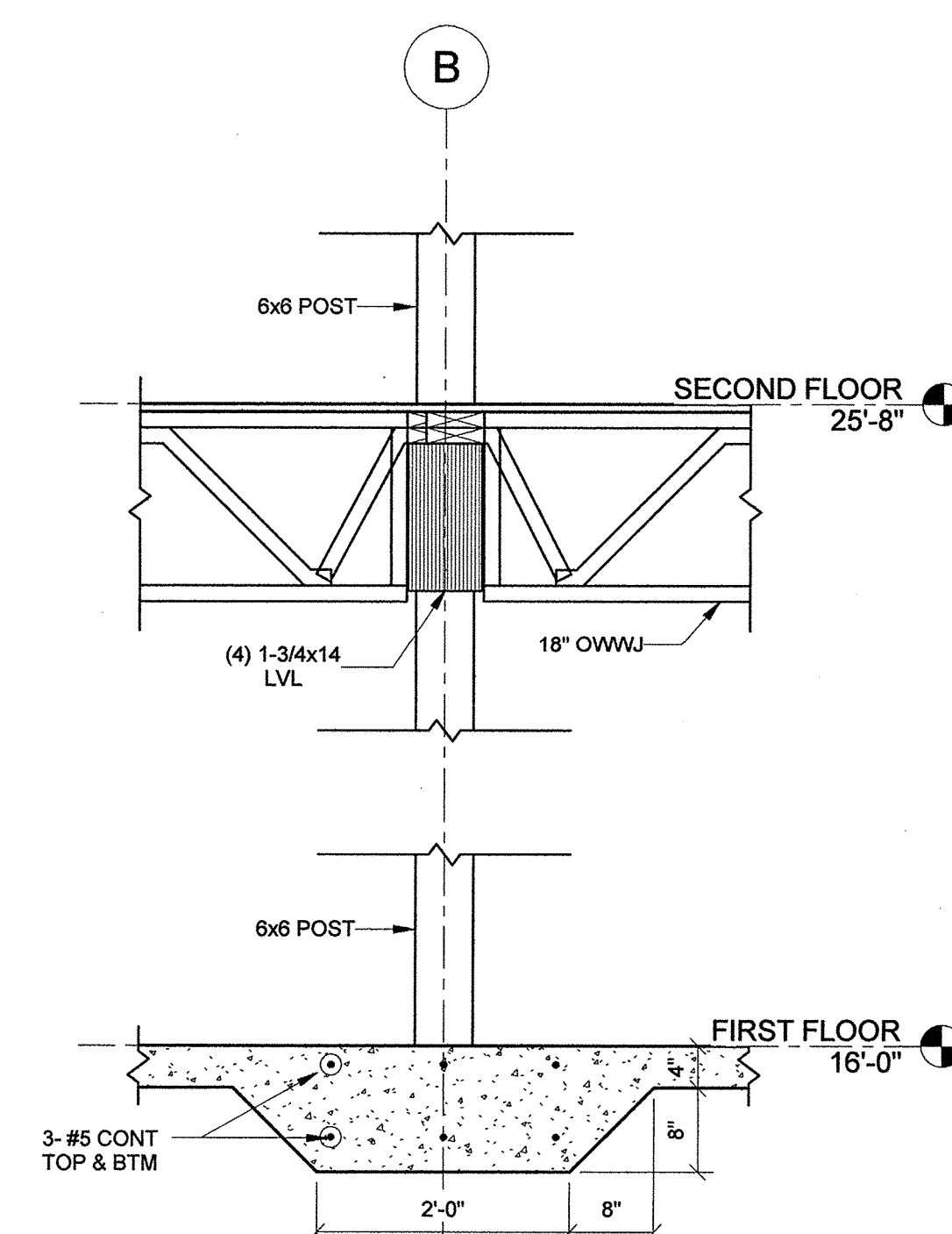
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SECTIONS

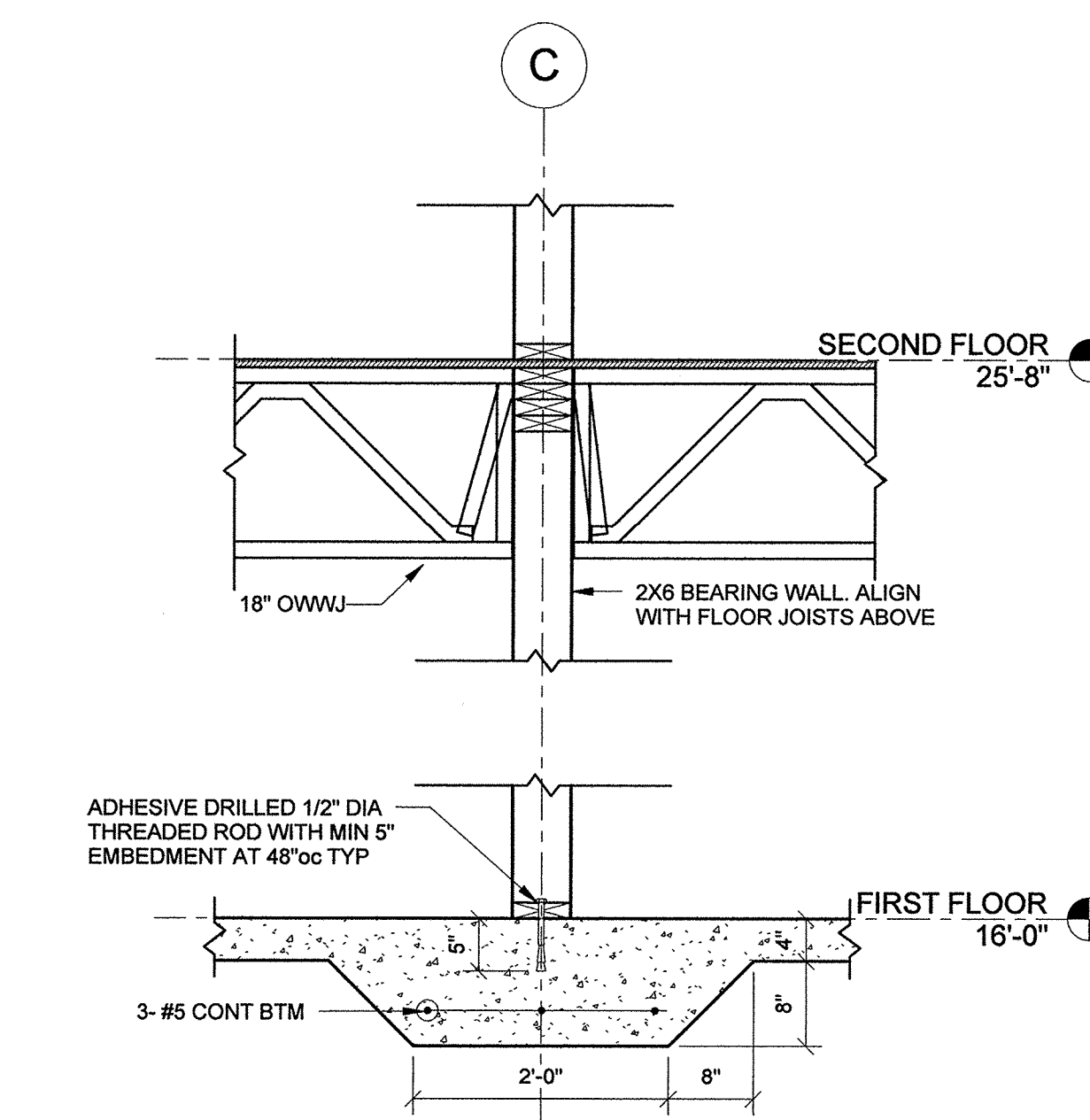
S-300



① SECTION @ FOUNDATION WALL
3/4" = 1'-0"



② SECTION @ LINE B
3/4" = 1'-0"



③ SECTION @ LINE C
3/4" = 1'-0"

PLUMBING WORK NOTES

- ① 3/4" CW DOWN TO EXTERIOR HOSE BIB.
 - ② 1" CW VALVED & CAPPED WITH BACKFLOW PREVENTER FOR IRRIGATION. COORDINATE LOCATION WITH ALL TRADES.
- GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
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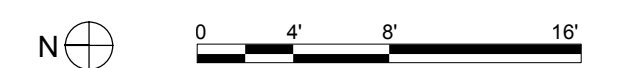
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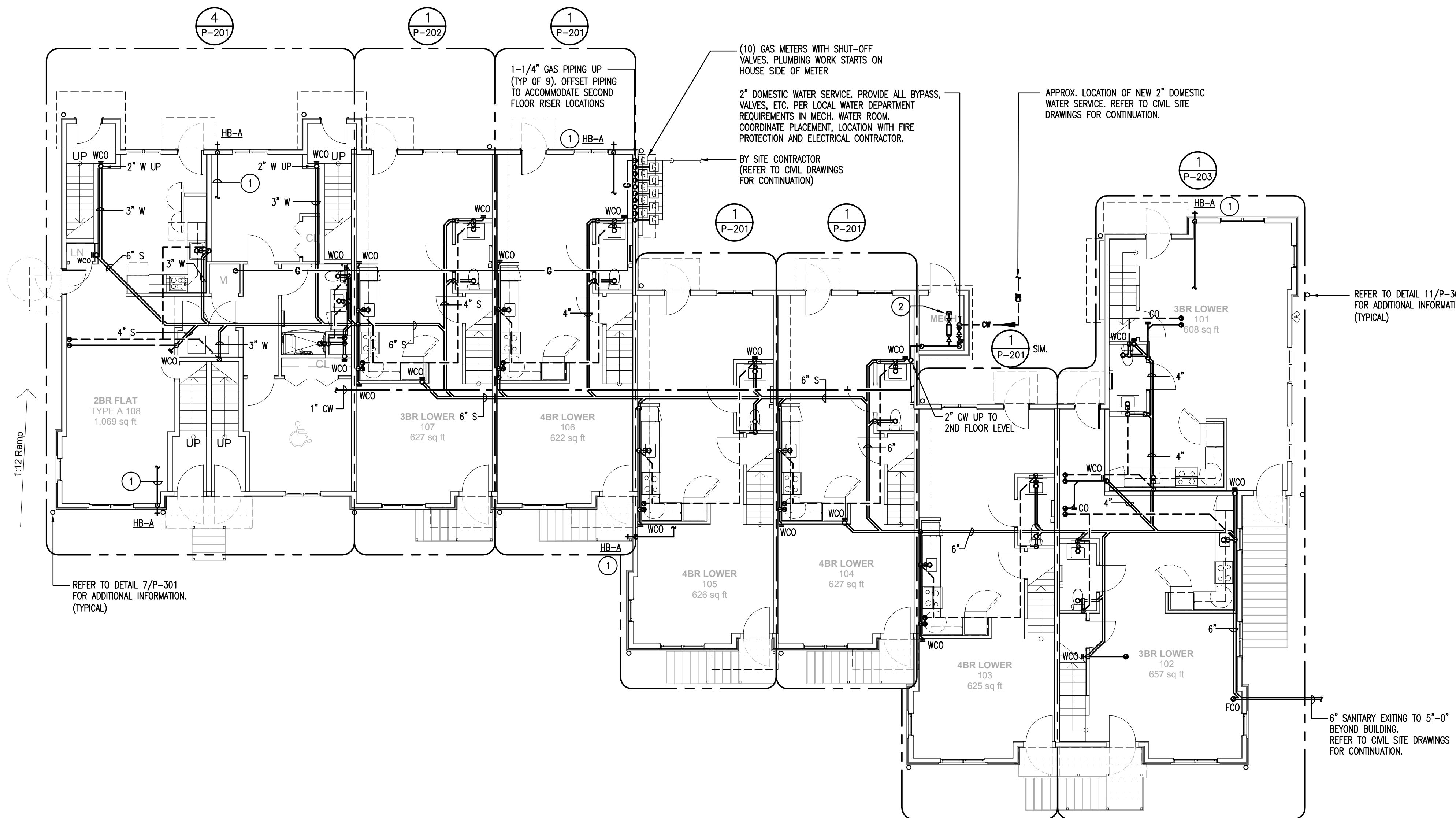
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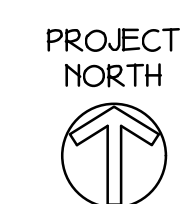
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**BUILDING A
FIRST FLOOR
PLAN - PLUMBING**

P-101



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



PLUMBING WORK NOTES

GENERAL NOTE:

1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



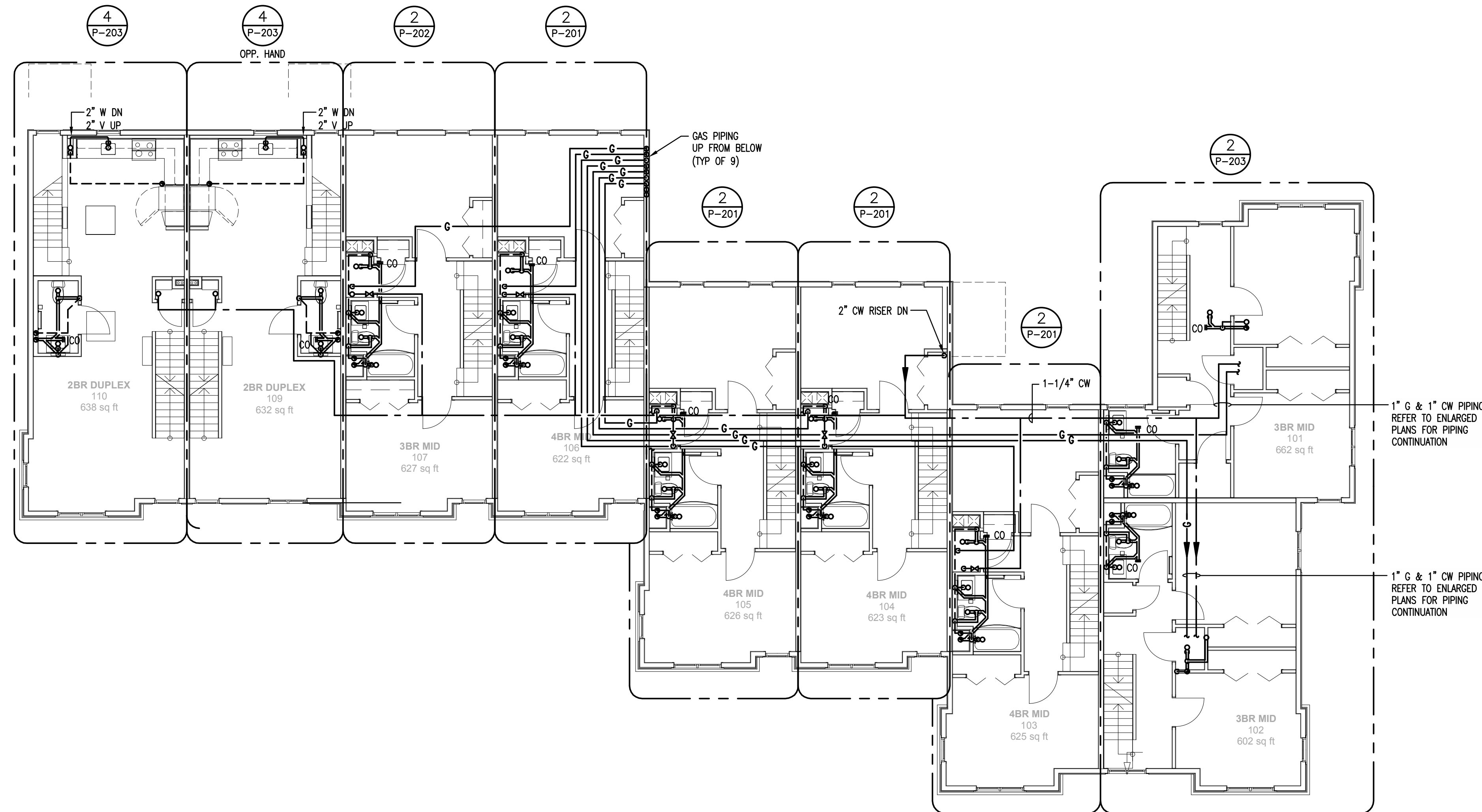
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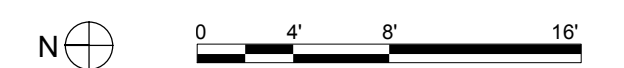


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1 SECOND FLOOR PLAN - PLUMBING
SCALE: 1/8"=1'-0"



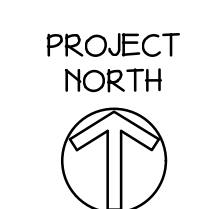
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PROJECT NO.: 21222/CEN/13232.01
DRAWN BY: SAO/TSP
CHECKED BY: FRC

SHEET TITLE

**BUILDING A
SECOND FLOOR
PLAN - PLUMBING**

P-102



PLUMBING WORK NOTES

GENERAL NOTE:

1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
Phase 1**

**13 Day Street
Building A**

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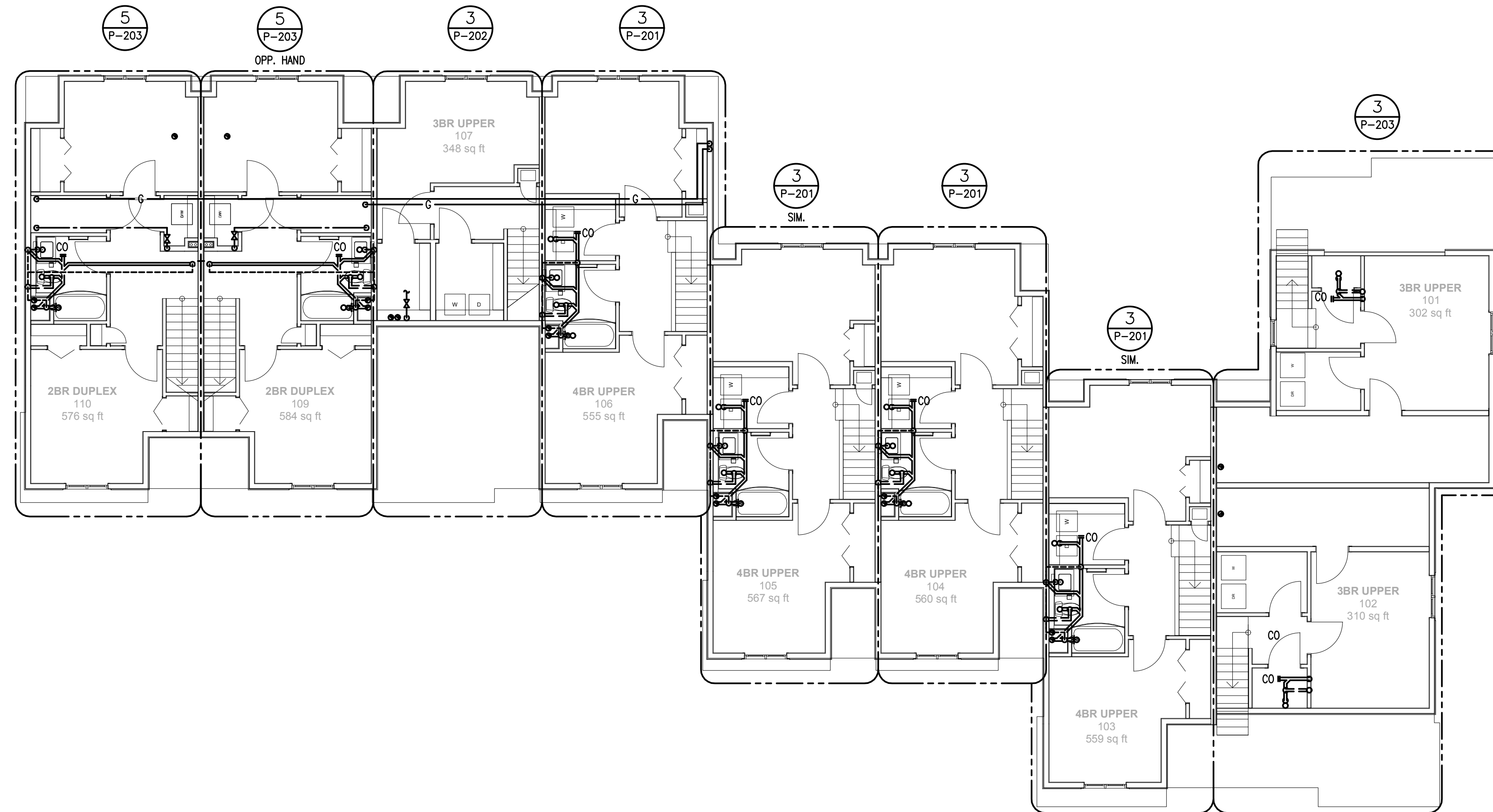
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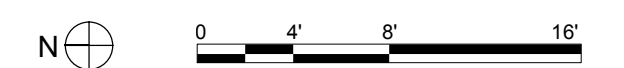


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1 THIRD FLOOR PLAN - PLUMBING
SCALE: 1/8"=1'-0"



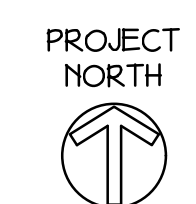
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| MARK | DATE | DESCRIPTION |

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DRAWN BY: SAO/TSP
CHECKED BY: FRC

SHEET TITLE

**BUILDING A
THIRD FLOOR
PLAN - PLUMBING**

P-103



PLUMBING WORK NOTES

GENERAL NOTE:

1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

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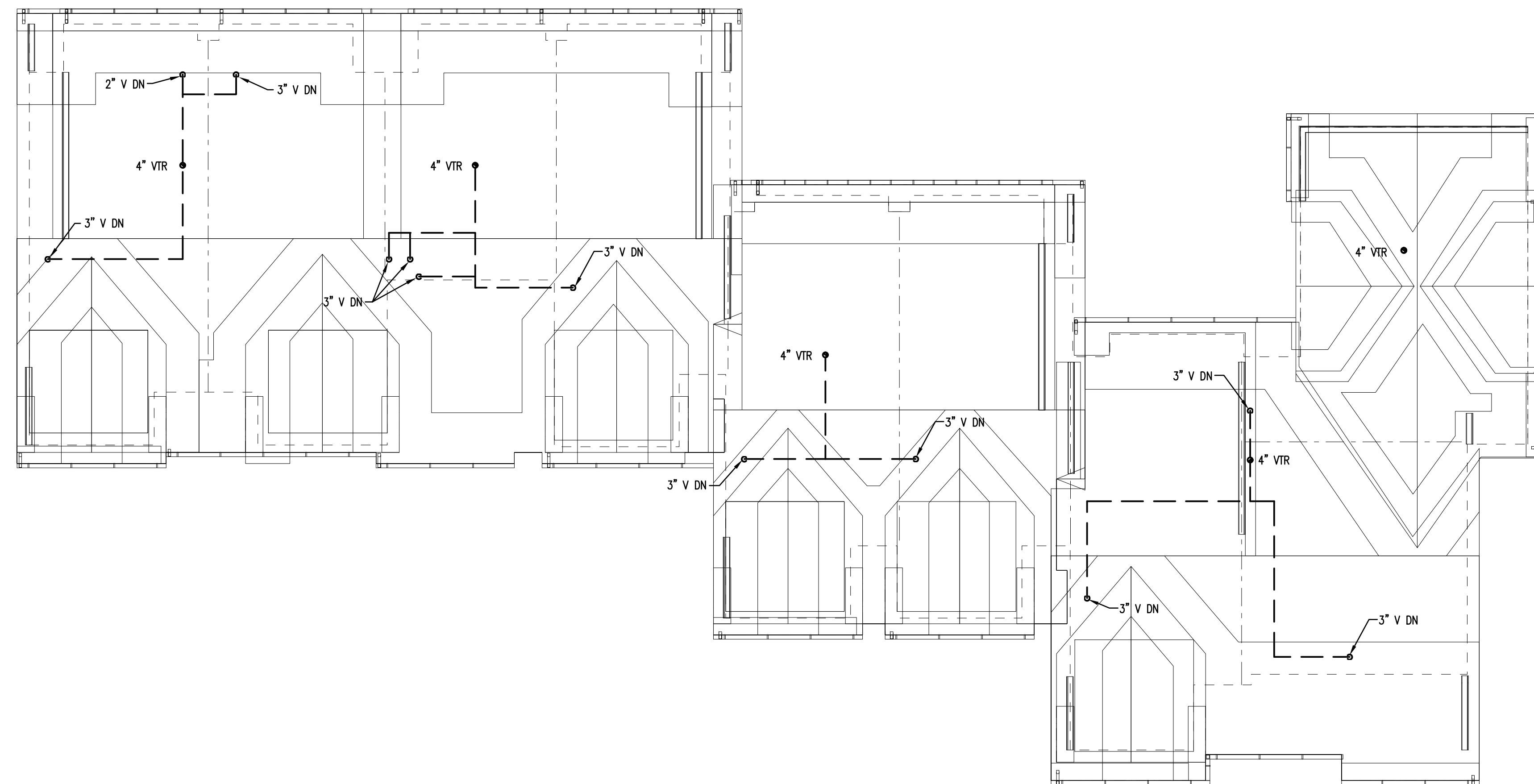
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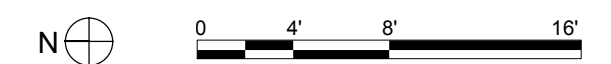
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1 ROOF PLAN - PLUMBING
SCALE: 1/8"=1'-0"



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| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CEN TEK #13232.01
DRAWN BY: SAO/TSP
CHECKED BY: FRC

SHEET TITLE

**BUILDING A
ROOF PLAN -
PLUMBING**

P-104



PLUMBING WORK NOTES

GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
Phase 1**

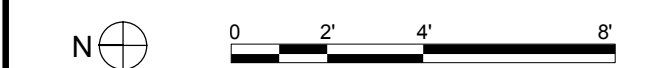
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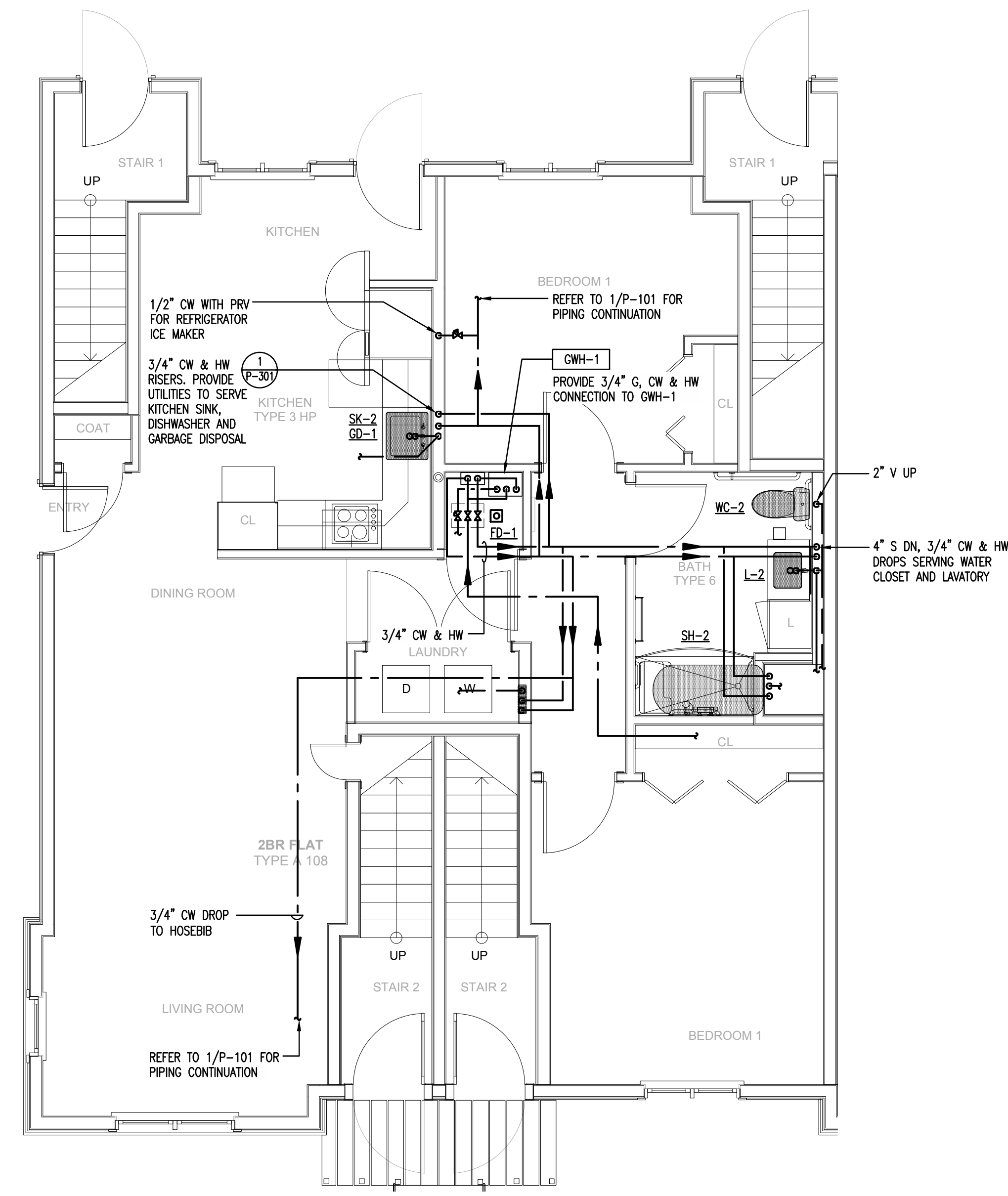



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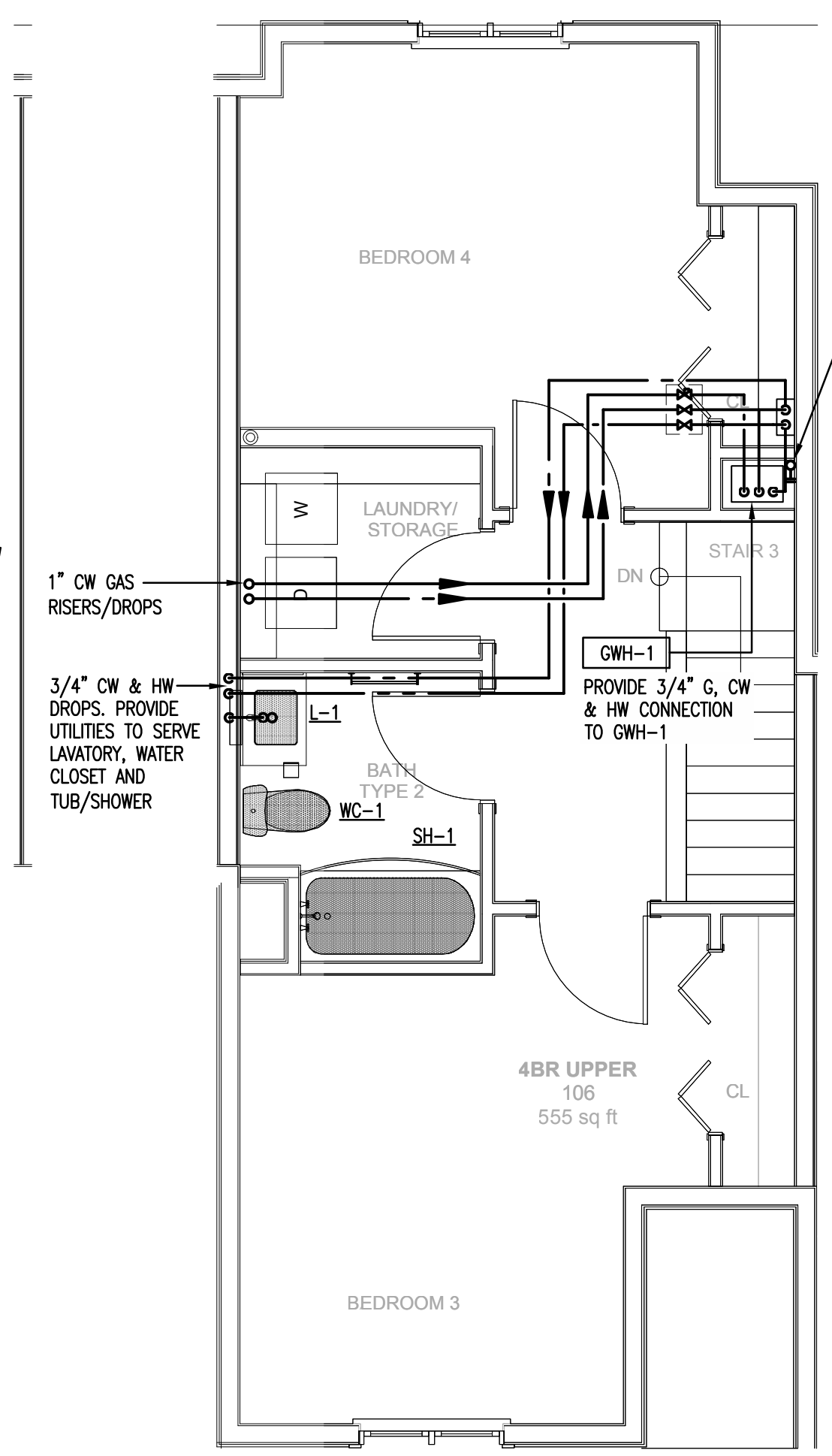
PROJECT NO.: 21222/CEN TEK #13232.01
DRAWN BY: SAO/TSP
CHECKED BY: FRC

SHEET TITLE
**TYPICAL UNIT PLANS
BUILDING A
PLUMBING**

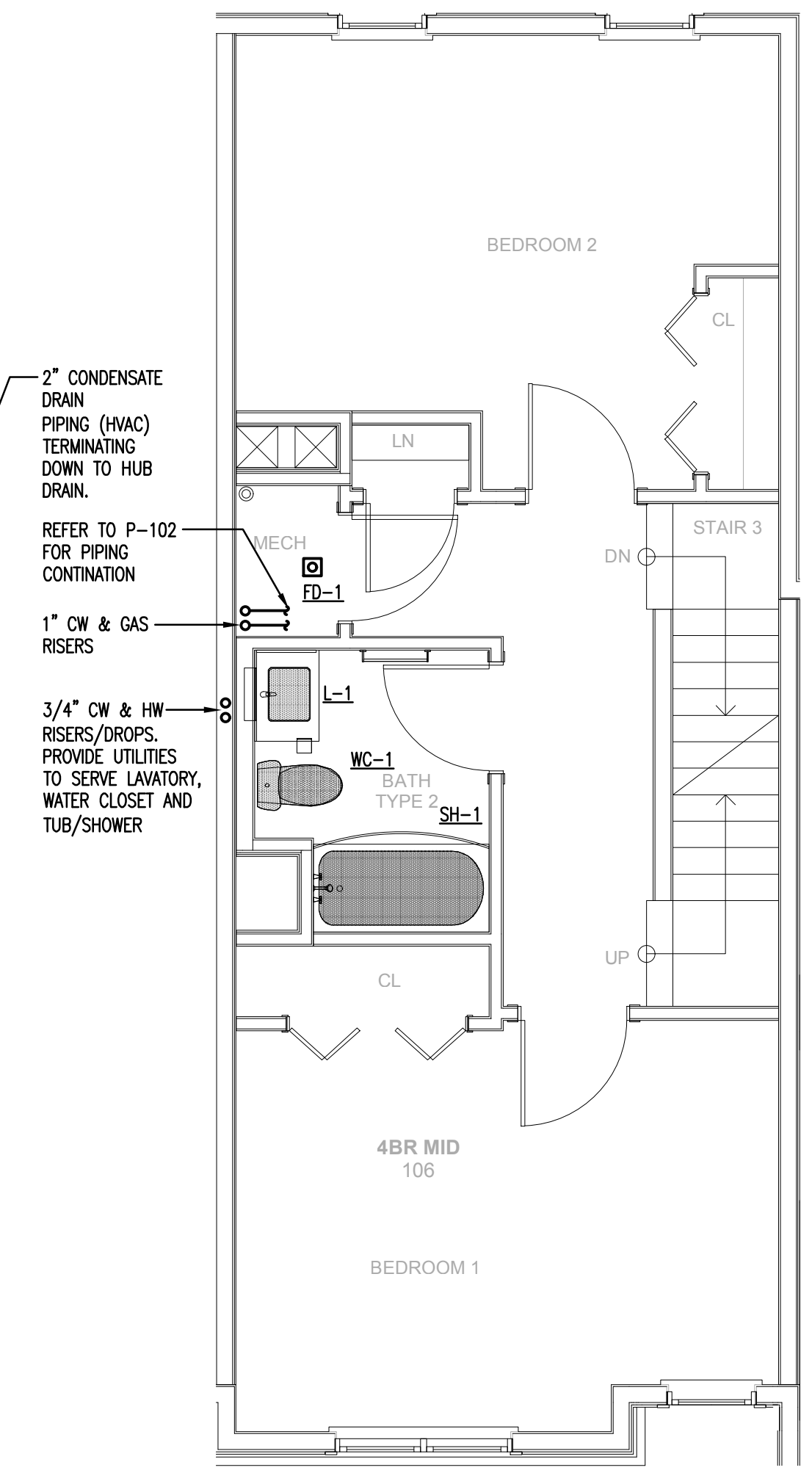
P-201



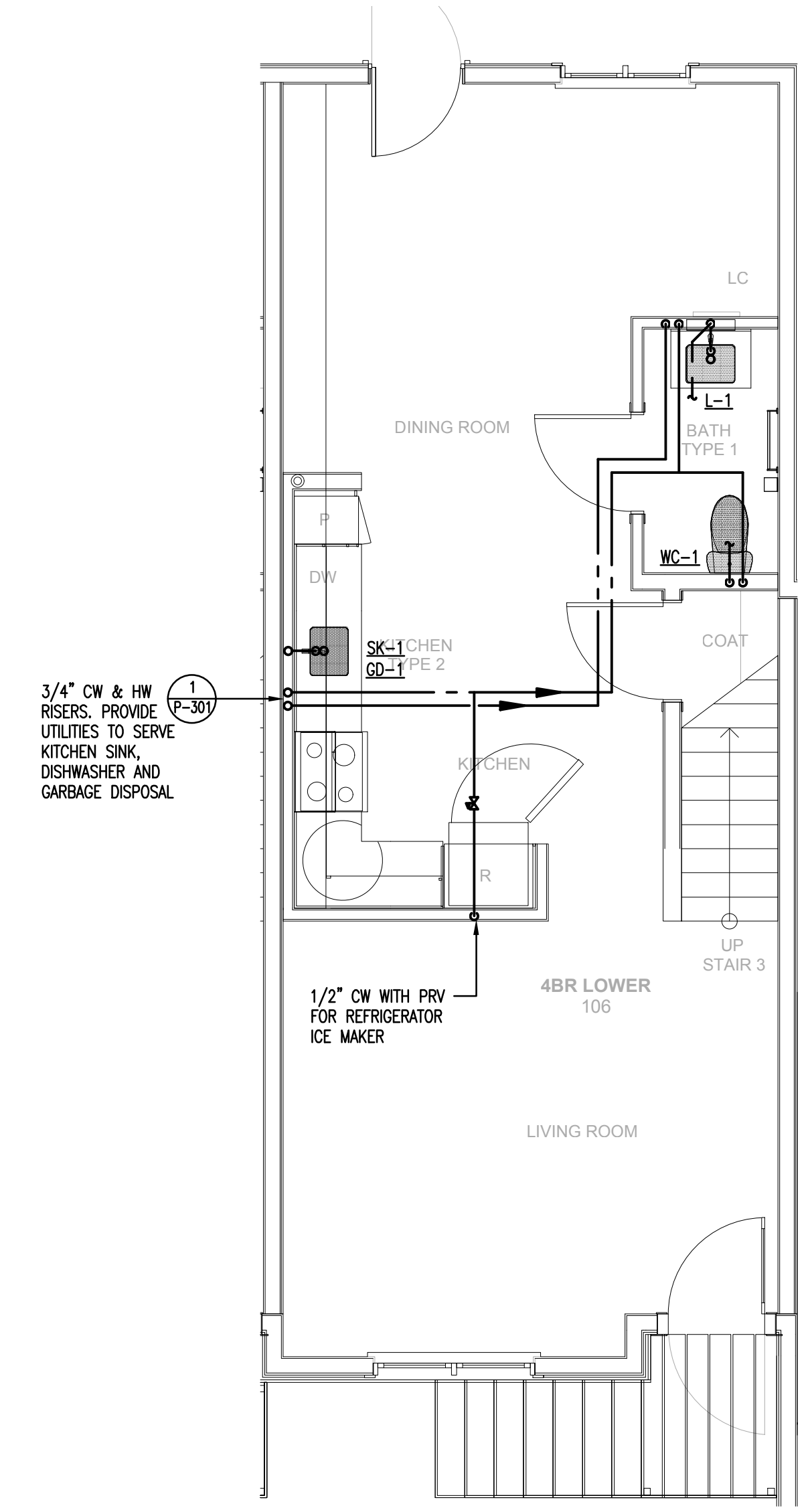
4 2BR FLAT - PLUMBING
SCALE: 1/4"=1'-0"



3 TOWNHOUSE THIRD FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0" (FOUR BEDROOM TOWNHOUSE)



2 TOWNHOUSE SECOND FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0" (FOUR BEDROOM TOWNHOUSE)



1 TOWNHOUSE FIRST FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0" (FOUR BEDROOM TOWNHOUSE)

L:\Jobs\1323201.ME\PLUMB-P-201.dwg Sep 17, 2014 - 7:48pm frc

9/9/2014 1:30 PM

PLUMBING WORK NOTES

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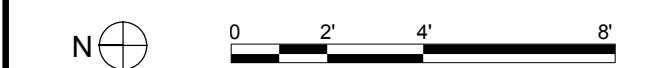
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Phase 1**

**13 Day Street
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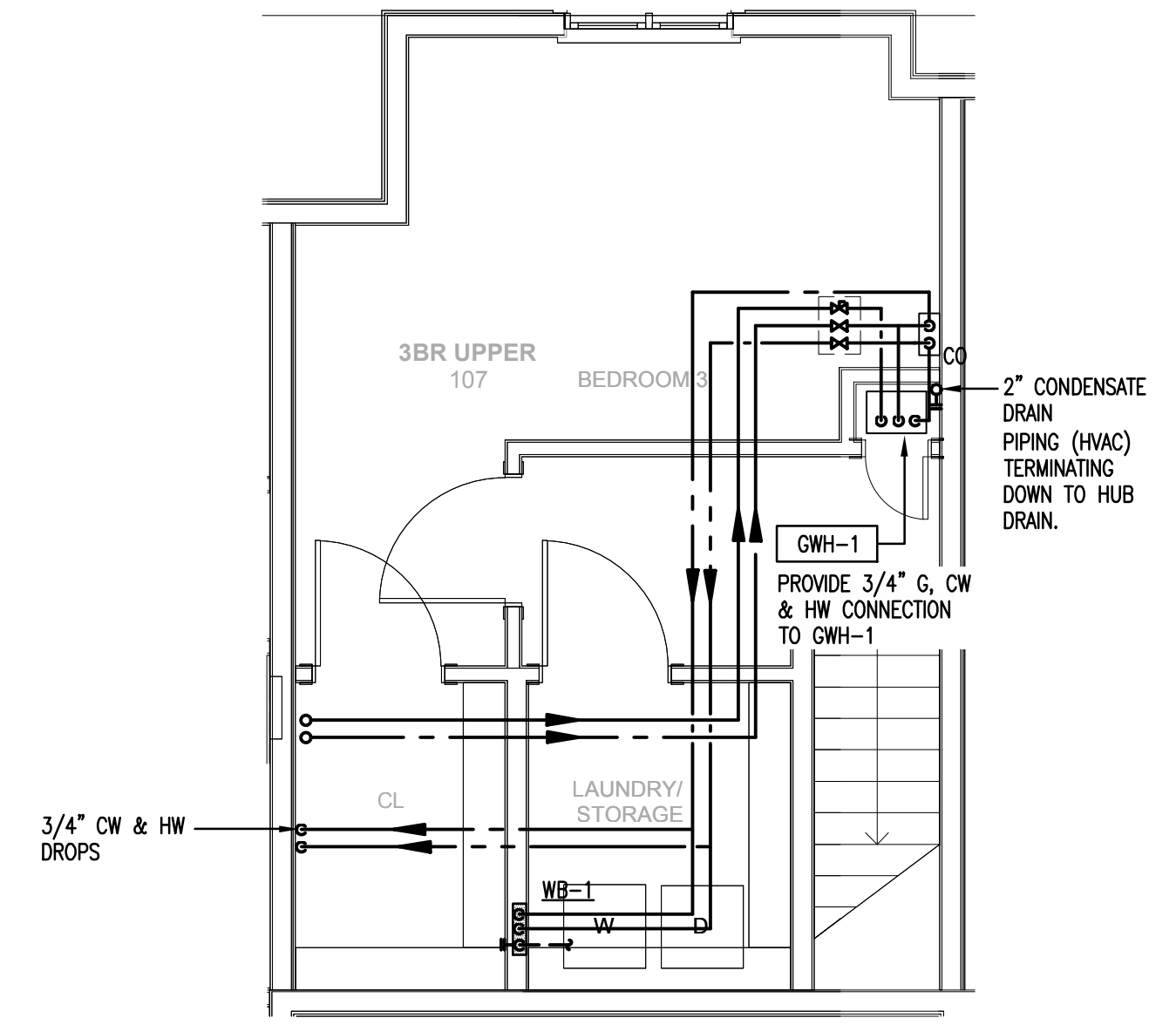
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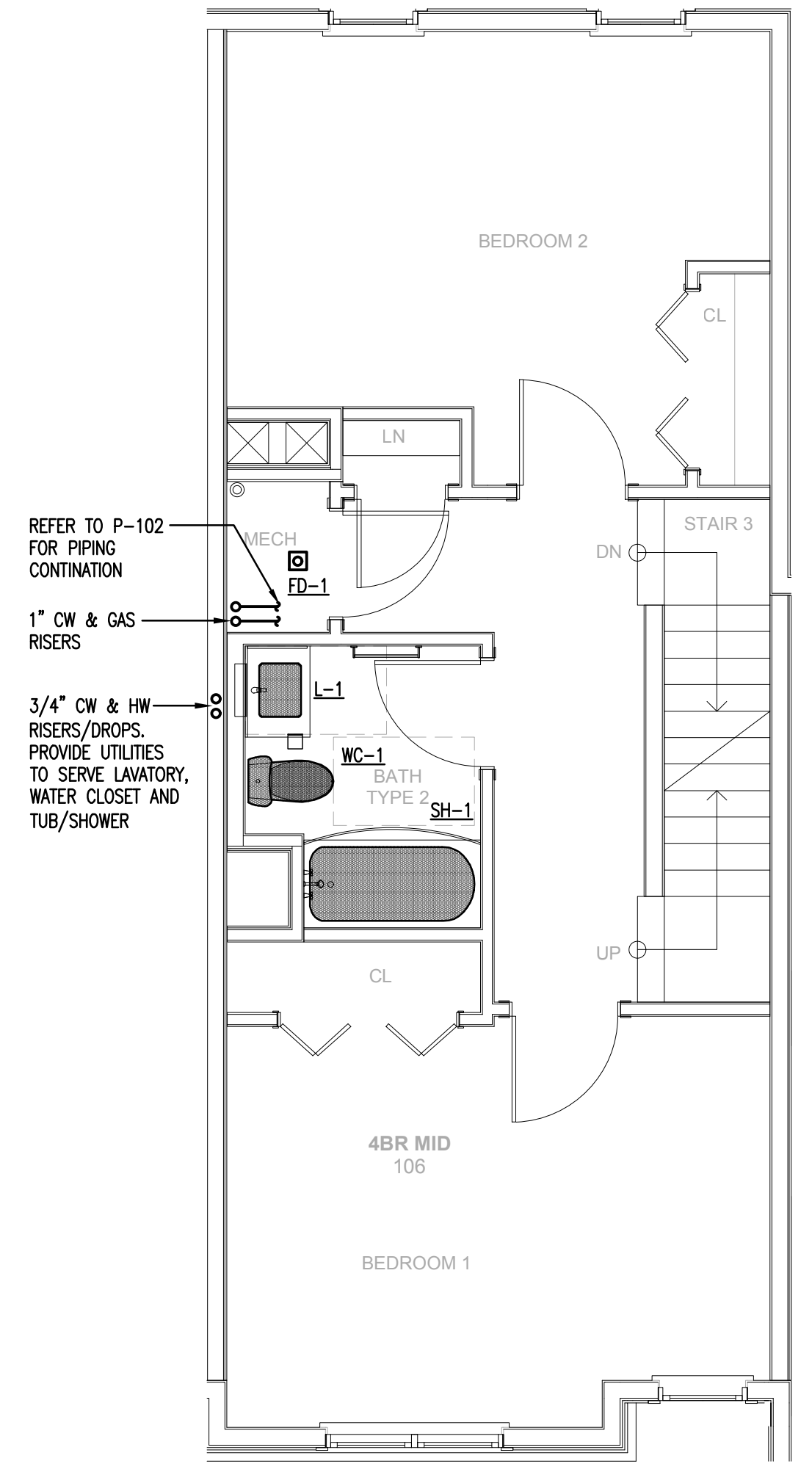
SHEET TITLE
**TYPICAL UNIT PLANS
BUILDING A
PLUMBING**



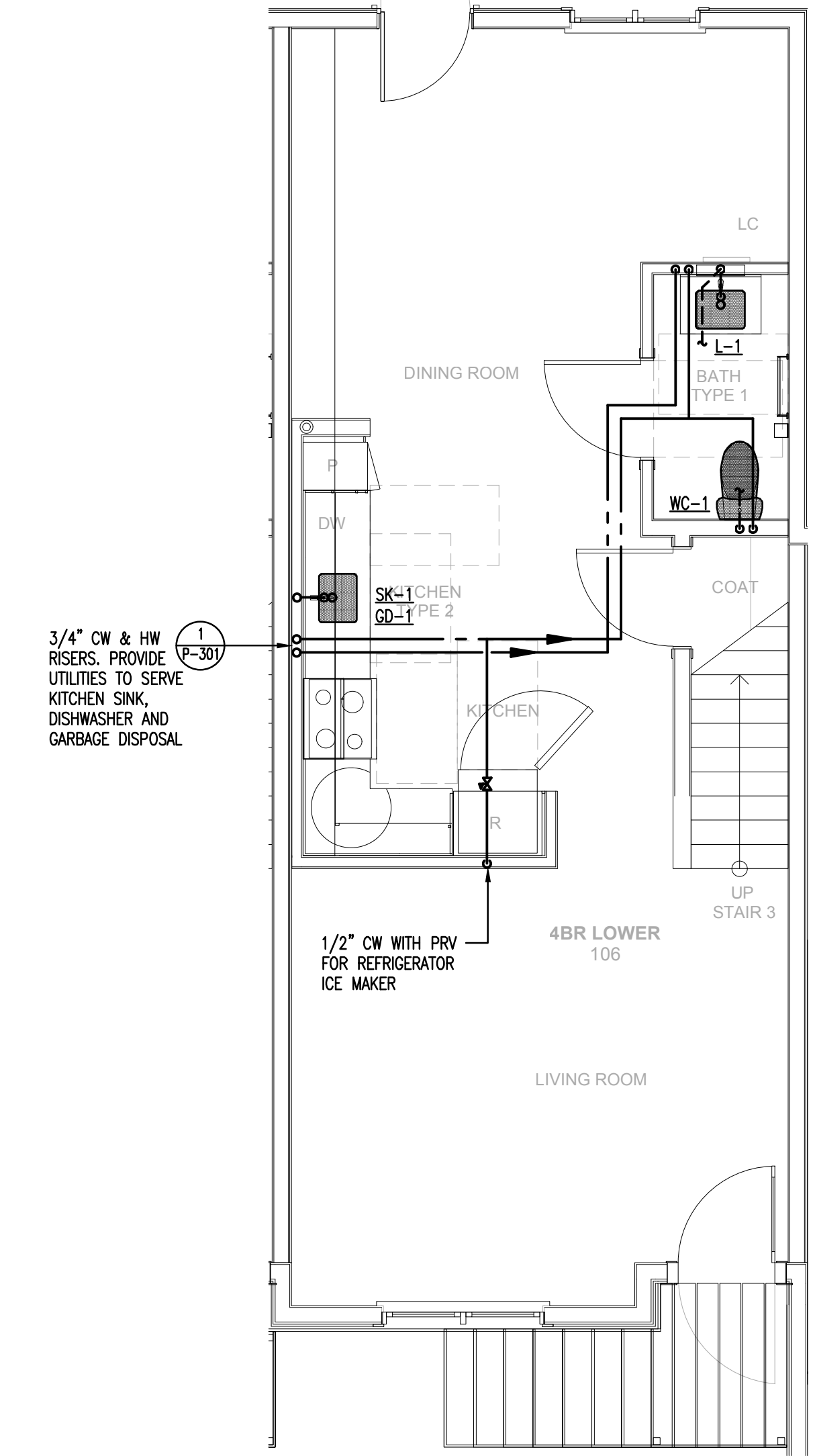
P-202



3 TOWNHOUSE THIRD FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0" (THREE BEDROOM TOWNHOUSE)



2 TOWNHOUSE SECOND FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0" (THREE BEDROOM TOWNHOUSE)



1 TOWNHOUSE FIRST FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0" (THREE BEDROOM TOWNHOUSE)

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



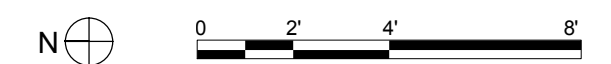
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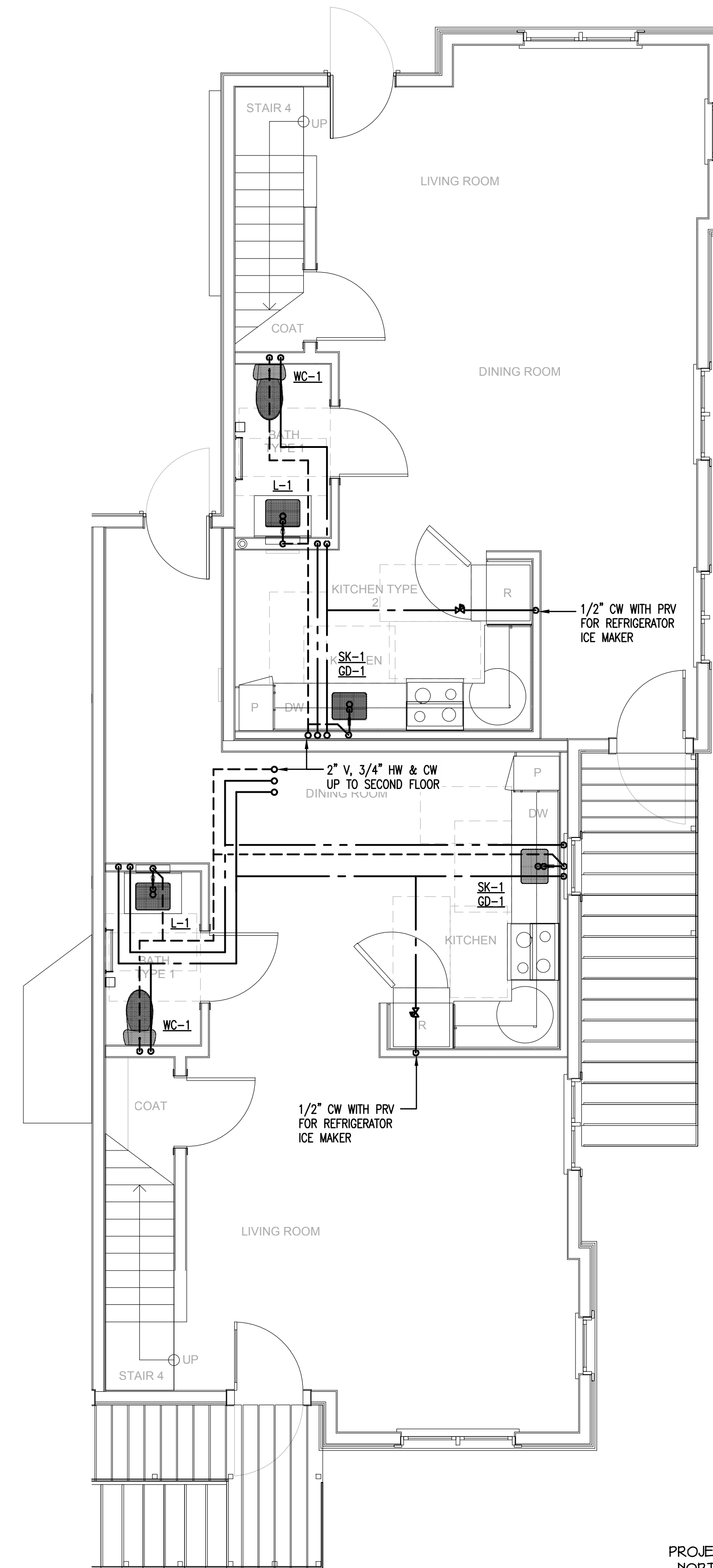
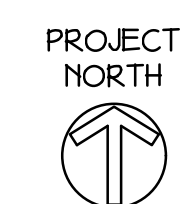
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| | | 09-19-2013 CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

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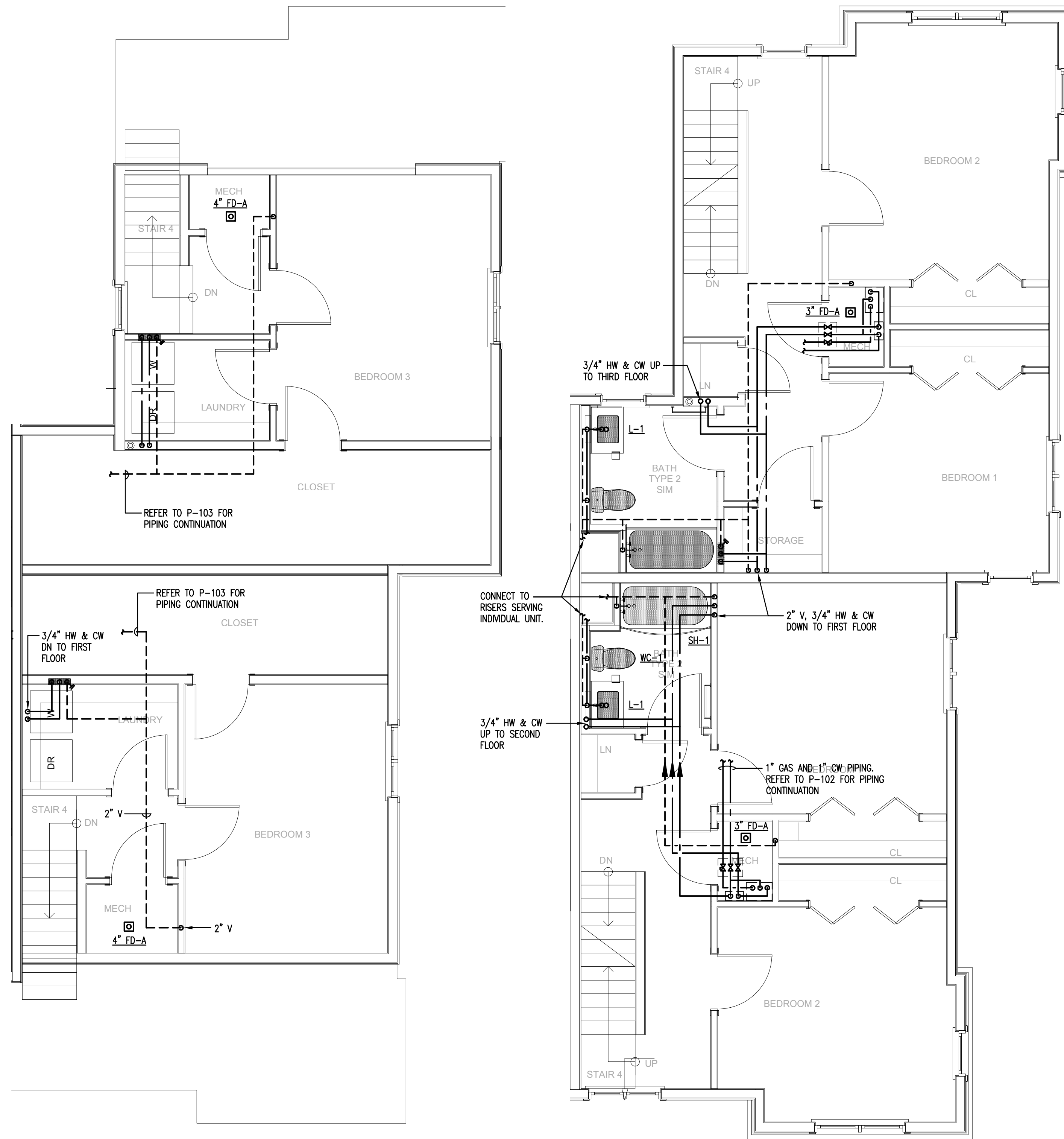
SHEET TITLE

TYPICAL UNIT PLANS
BUILDING A
PLUMBING

P-203

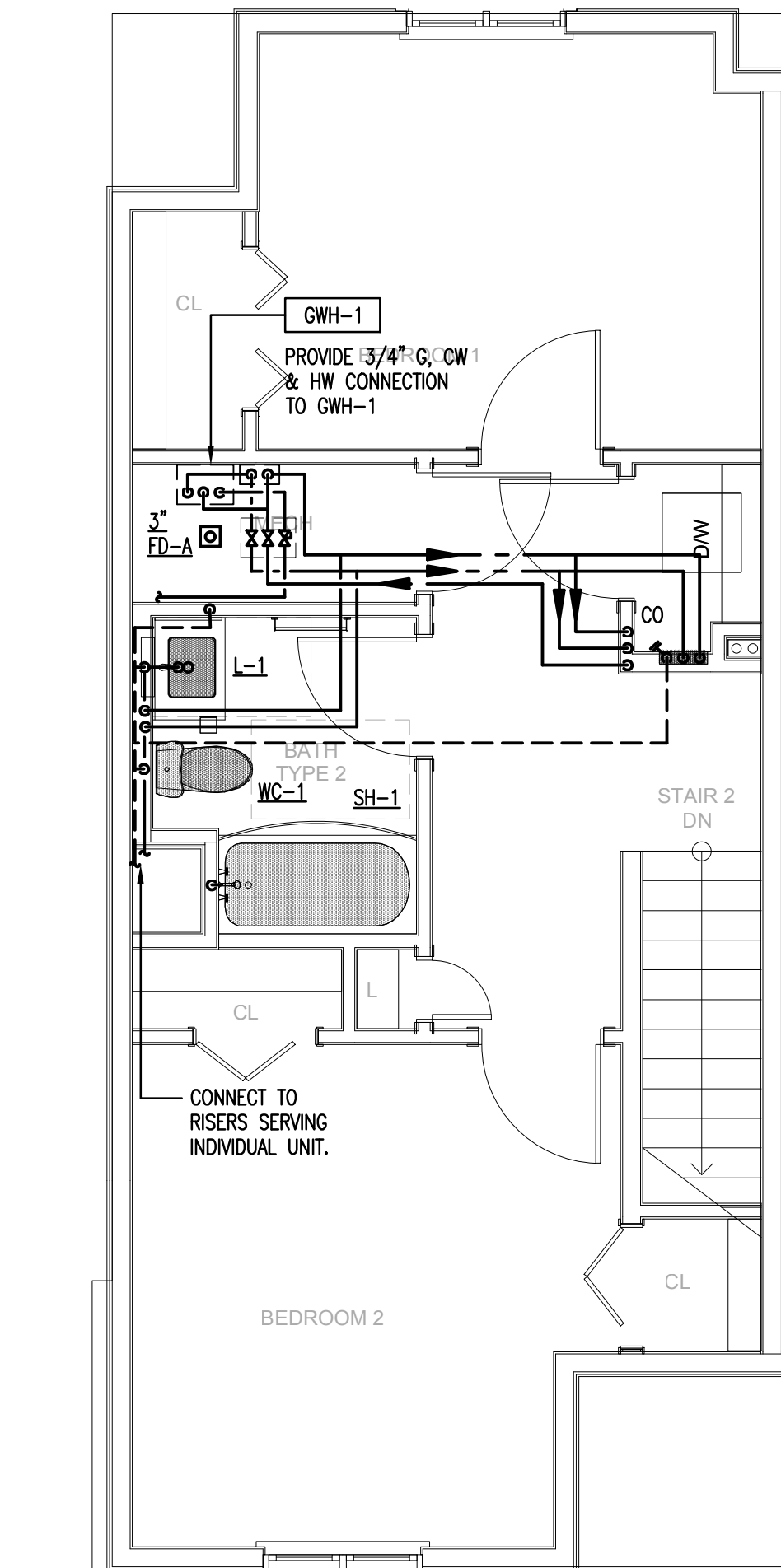


1 TOWNHOUSE FIRST FLOOR - PLUMBING
SCALE: 1/4"=1'-0"

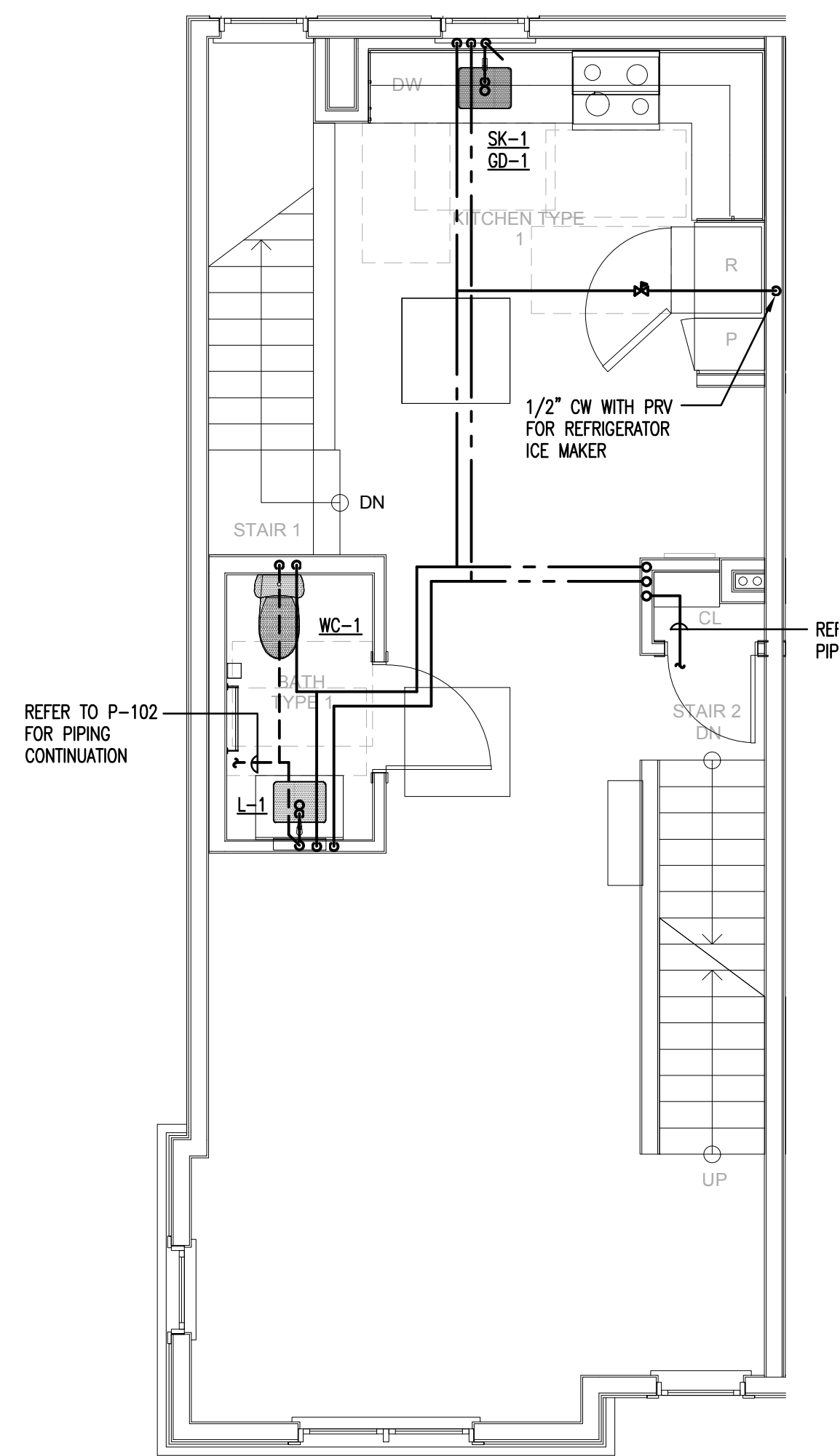


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SCALE: 1/4"=1'-0"

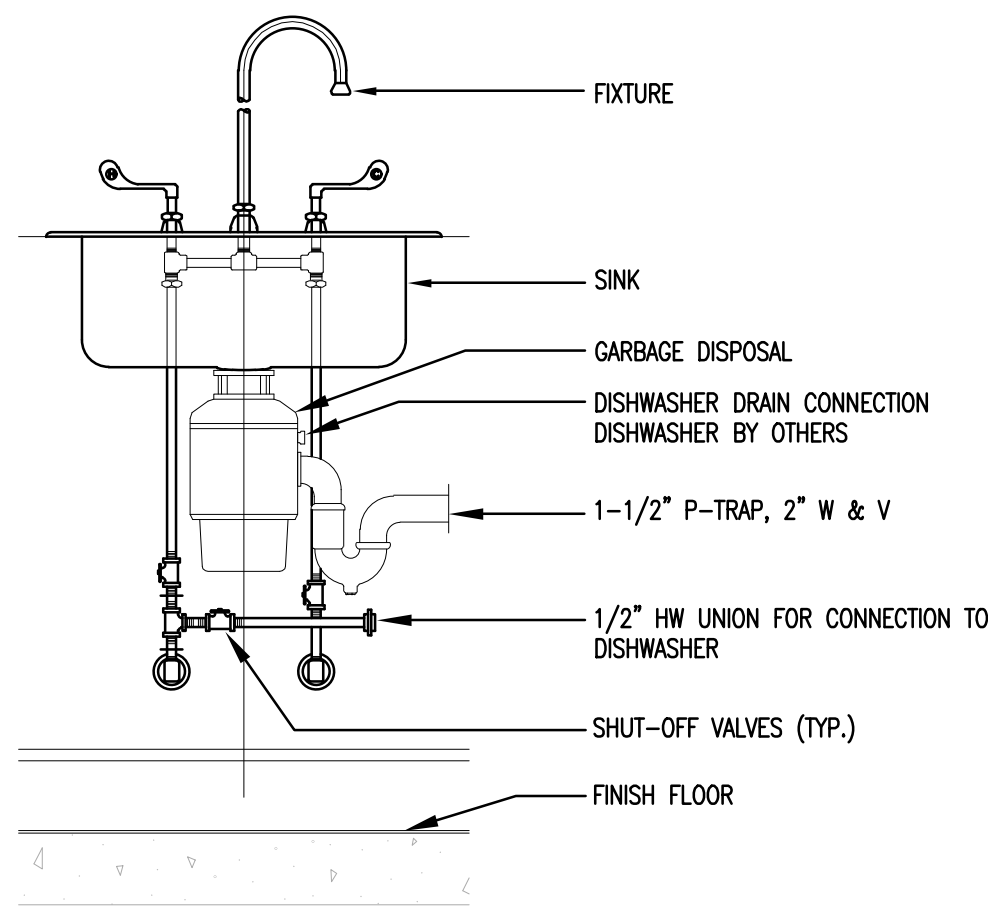
3 TOWNHOUSE THIRD FLOOR - PLUMBING
SCALE: 1/4"=1'-0"



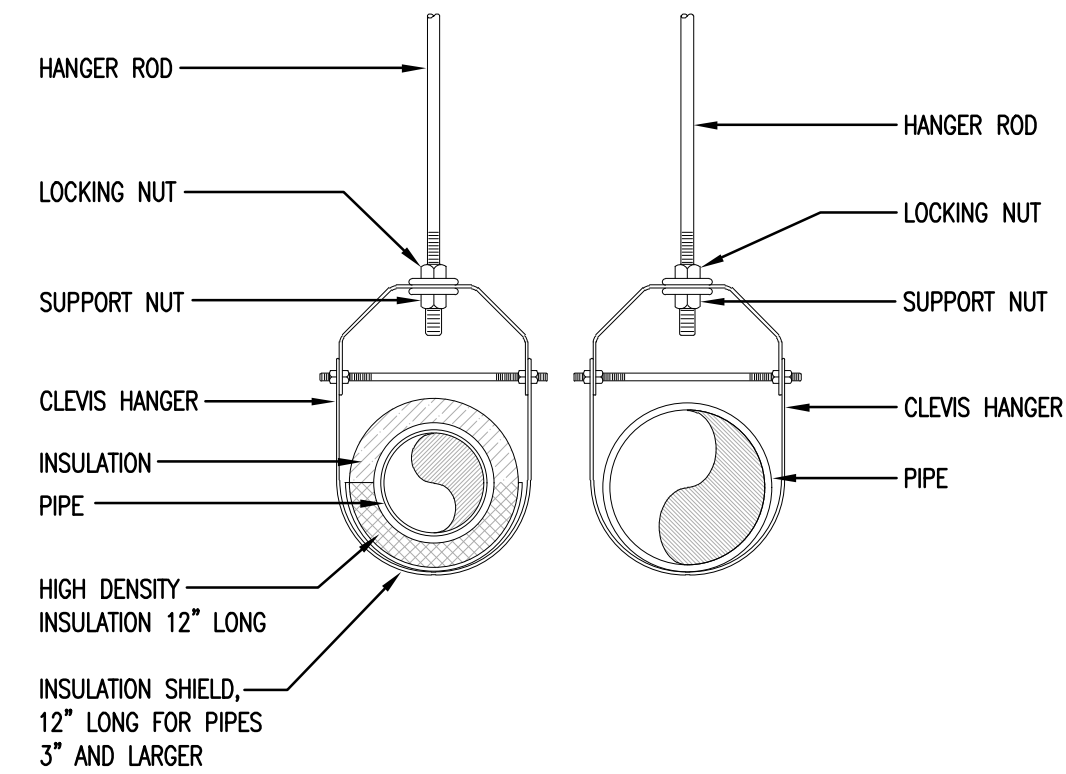
5 2BR DUPLEX THIRD FLOOR - PLUMBING
SCALE: 1/4"=1'-0"



4 2BR DUPLEX SECOND FLOOR - PLUMBING
SCALE: 1/4"=1'-0"

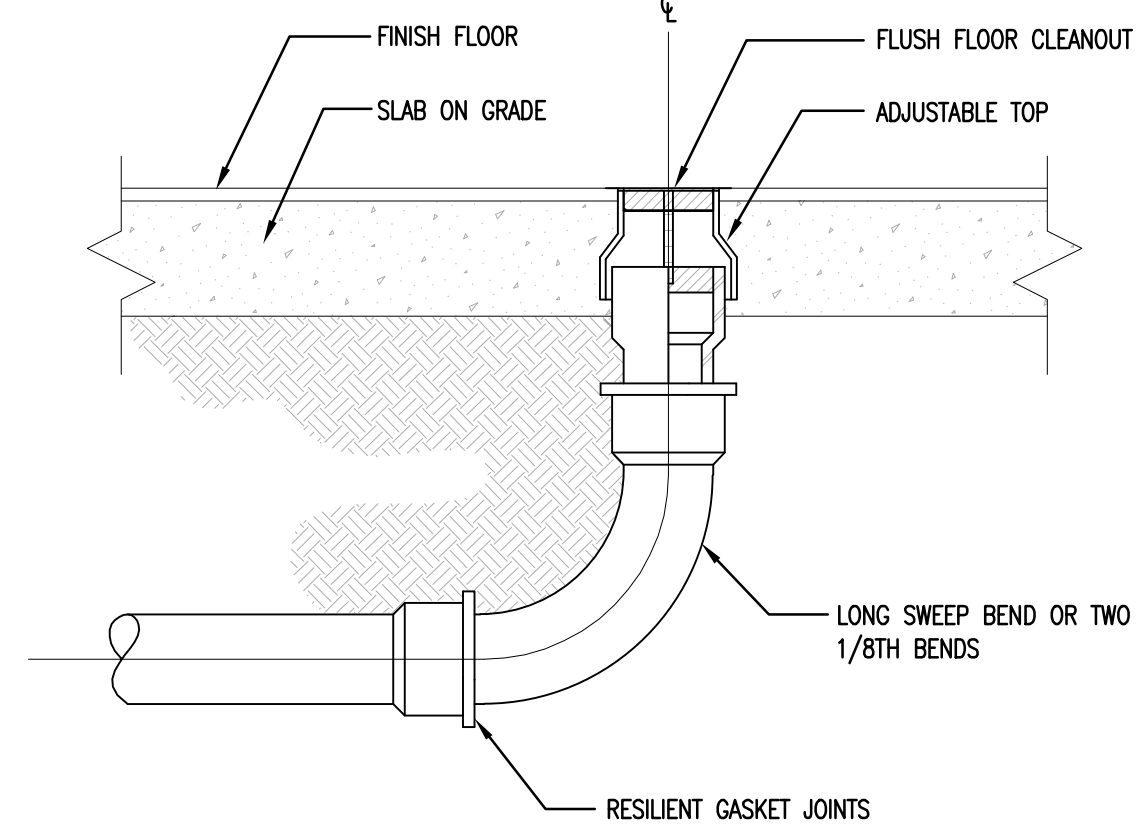


1 GARBAGE DISPOSAL DETAIL
N.T.S.

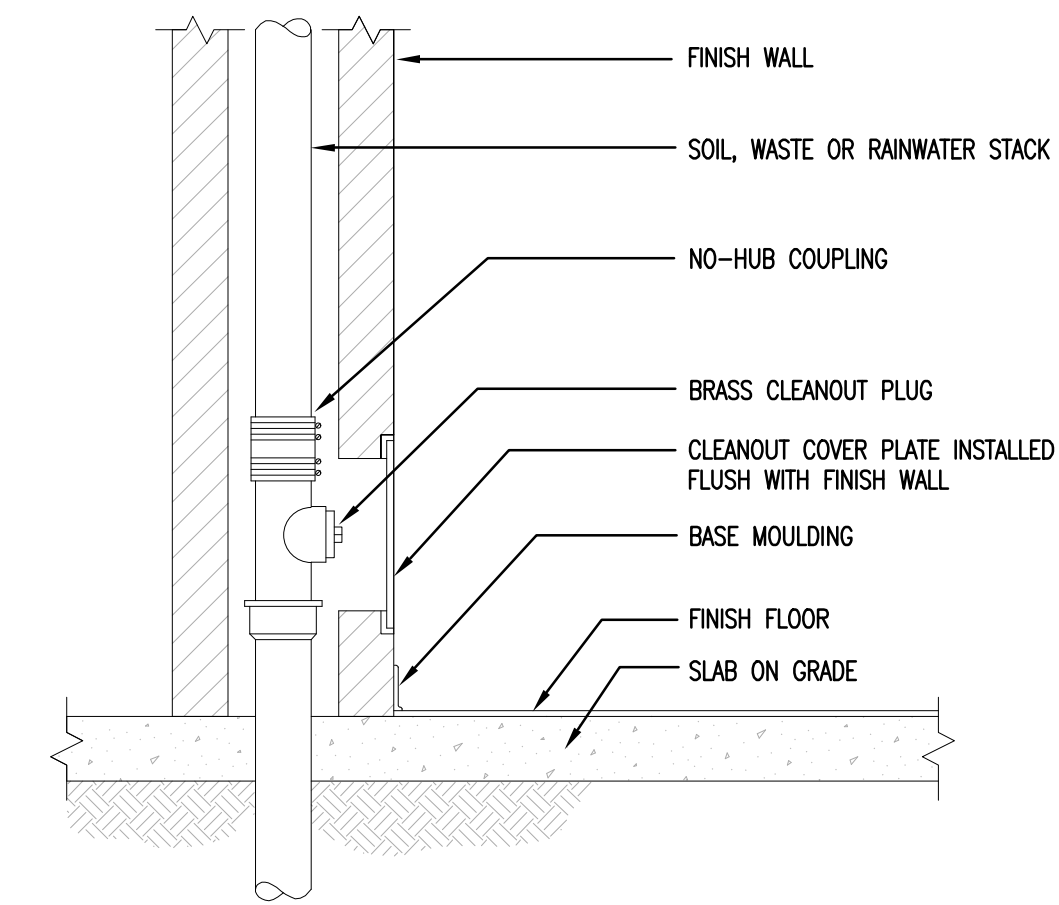


| HANGER ROD SCHEDULE | | HANGER ROD SPACING | |
|---------------------|-----------|--------------------|------------------------|
| PIPE SIZE | ROD SIZE | PIPE SIZE | MAX. ALLOWABLE SPACING |
| UP TO 2" | 3/8" DIA. | 1" | 7' |
| 2-1/2" THRU 3" | 1/2" DIA. | 1 1/4" | 8' |
| 4" AND 5" | 5/8" | 1 1/2" | 9' |
| 6" THRU 8" | 3/4" | 2" | 10' |
| 12" | 7/8" | 2 1/2" | 11' |
| | | 3" THRU 8" | 12' |
| | | 10" & 12" | 15' |

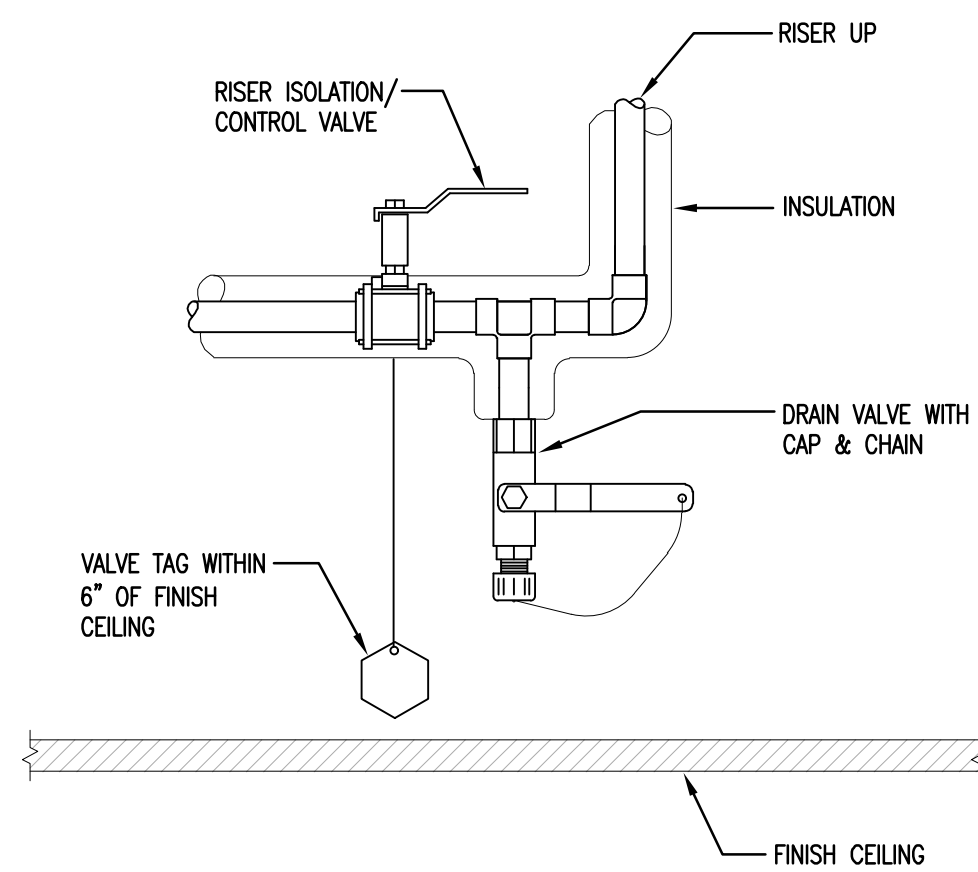
2 PLUMBING PIPE HANGER INSTALLATION DETAIL
N.T.S.



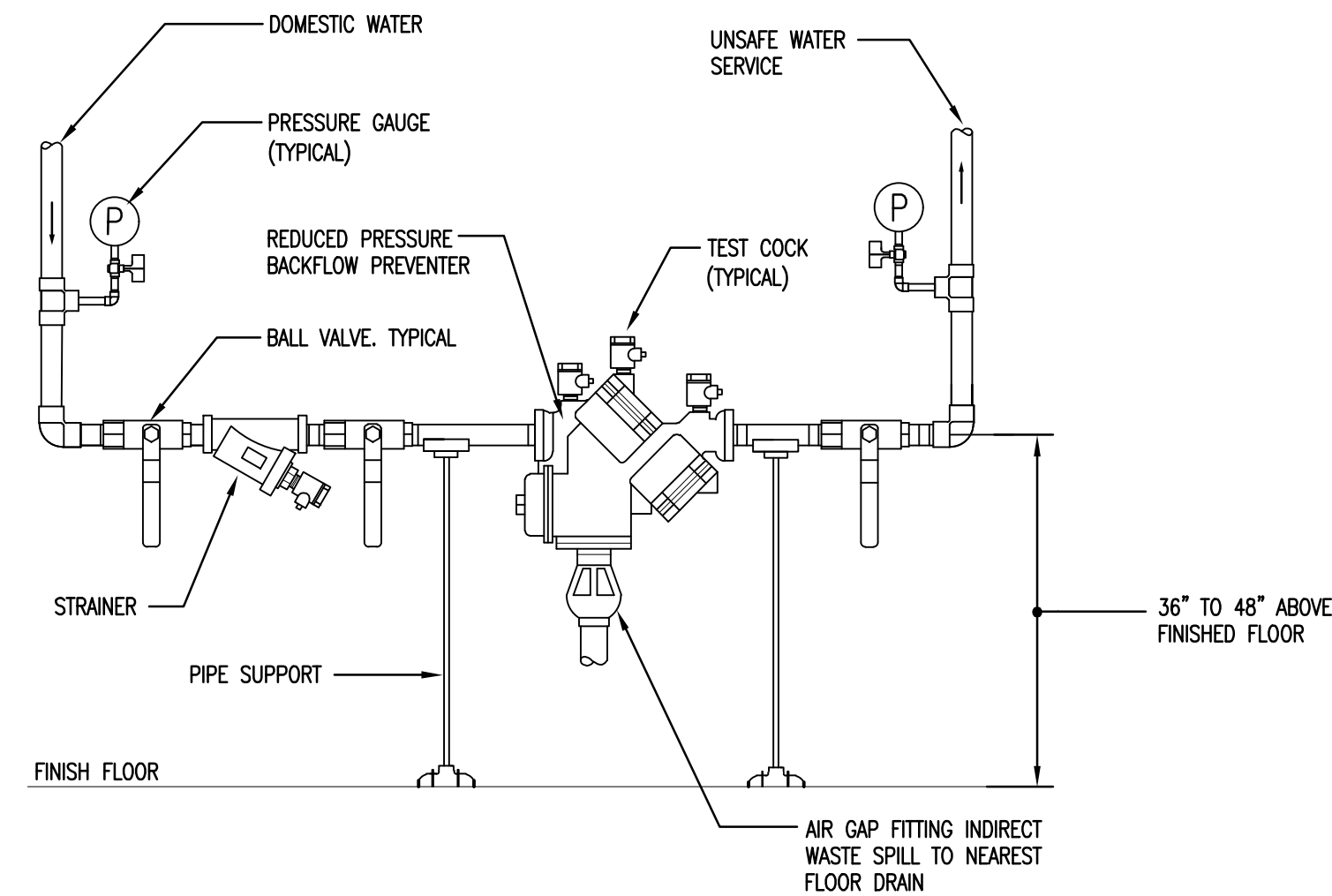
3 FLUSH FLOOR CLEANOUT
N.T.S.



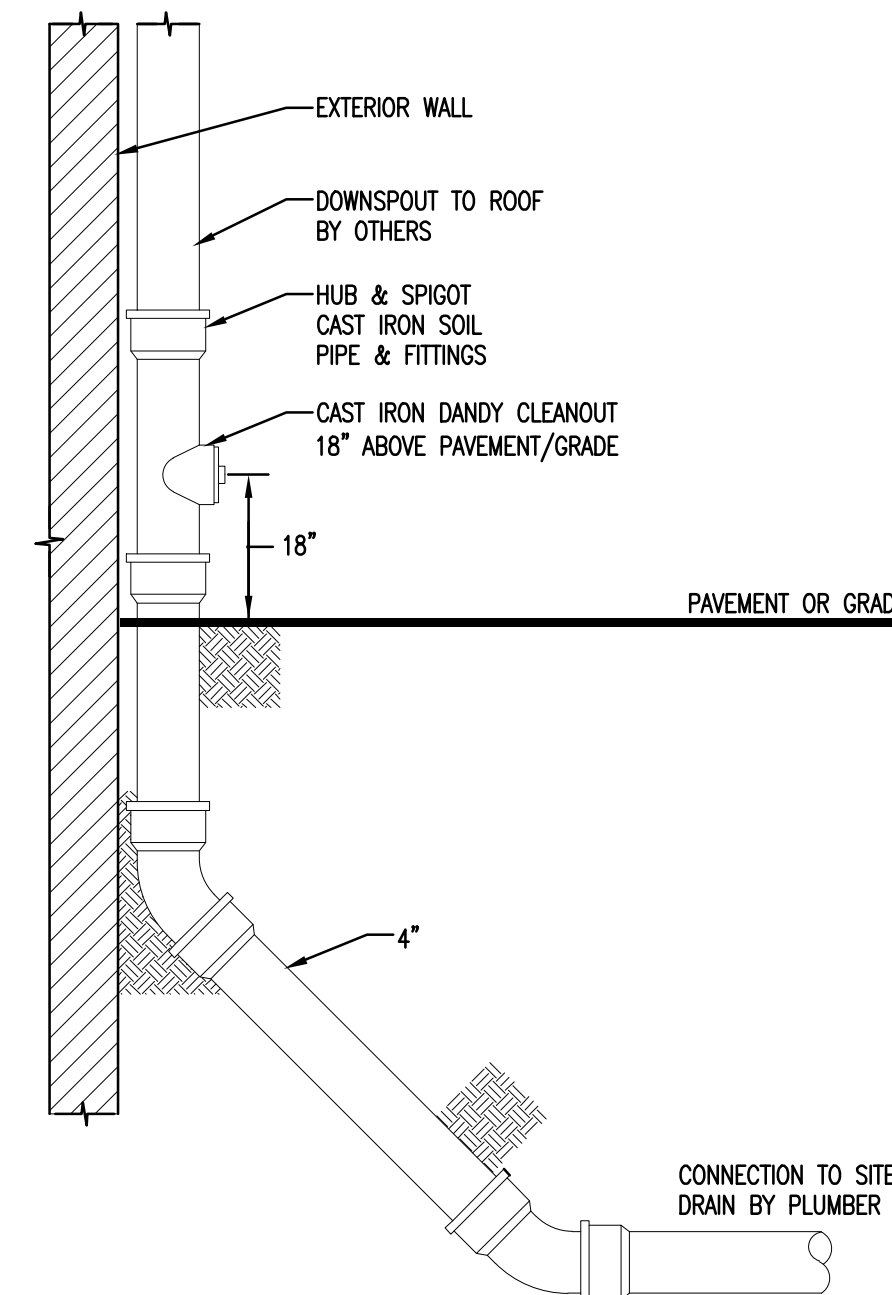
4 FLUSH WALL CLEANOUT
N.T.S.



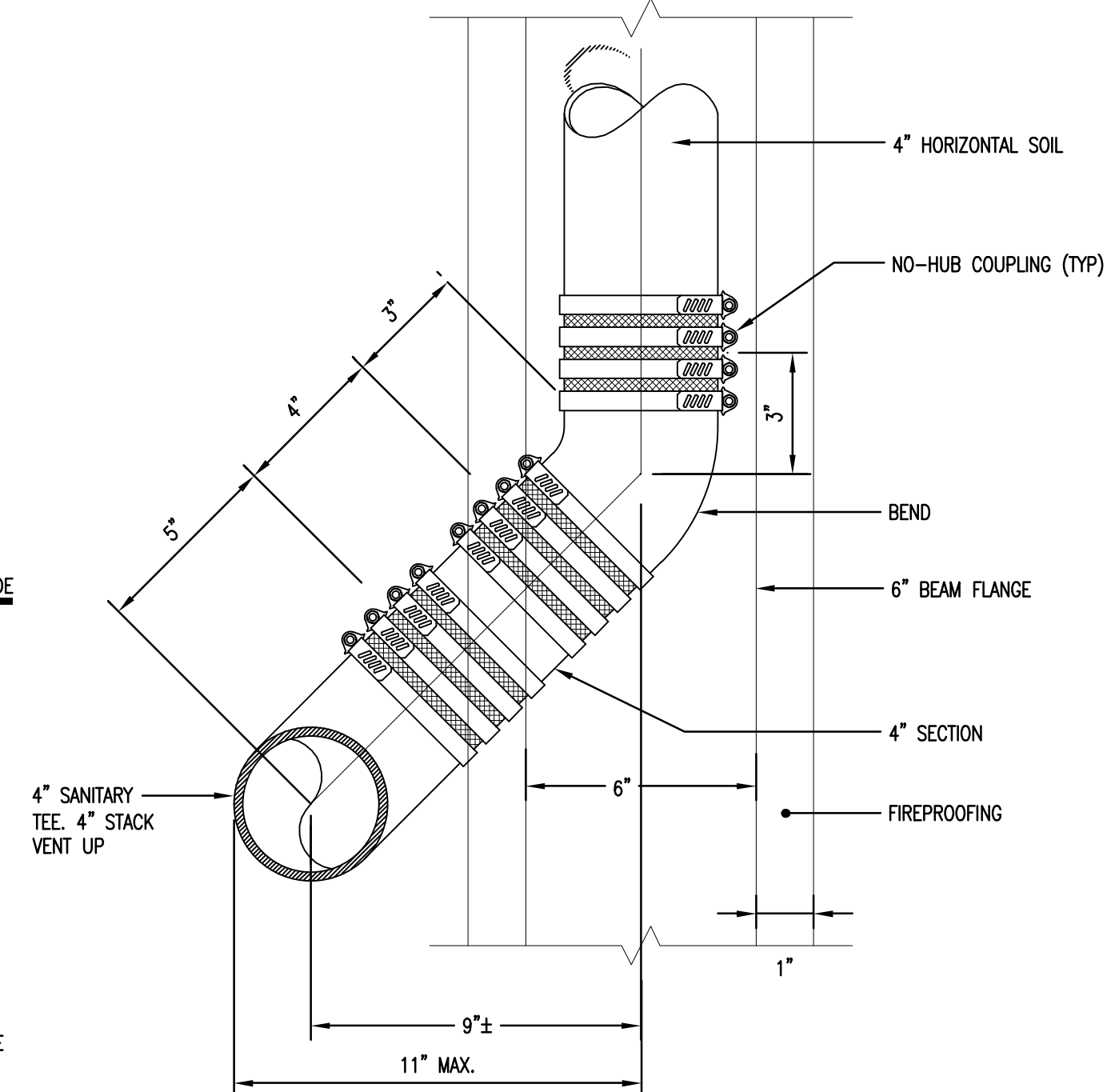
5 RISER CONTROL AND DRAIN VALVE
N.T.S.



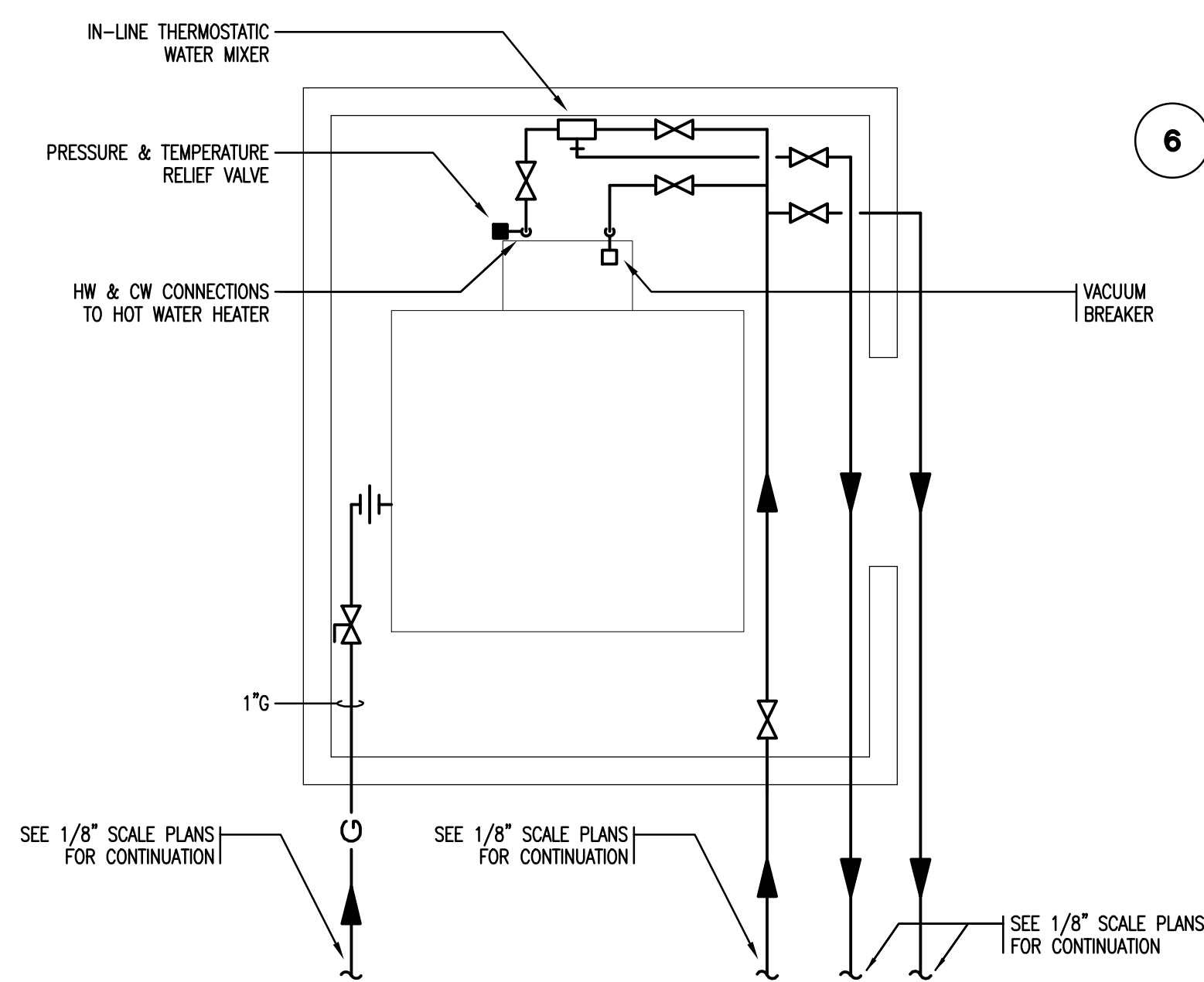
6 REDUCED PRESSURE BACKFLOW PREVENTER
N.T.S.



7 DETAIL OF CONDUCTOR BOOT
N.T.S.



8 SANITARY OFFSET AT BEAM
N.T.S.



9 PLUMBING CONNECTIONS AT TYPICAL MECHANICAL ROOM - TOWNHOUSES ONLY
N.T.S.

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

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SHEET TITLE

PLUMBING DETAILS

P-301

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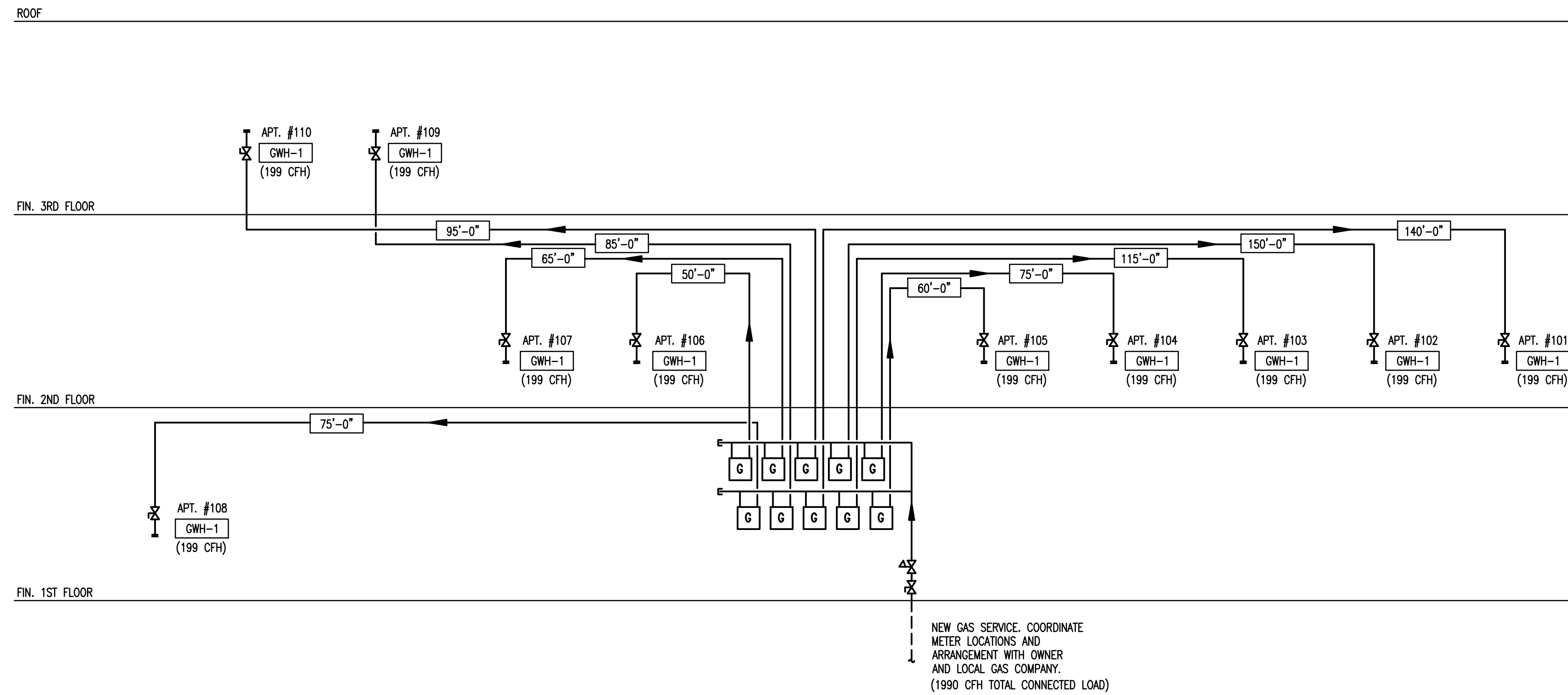
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SHEET TITLE

PLUMBING
RISER DIAGRAMS

P-401



1 PLUMBING GAS RISER DIAGRAM
N.T.S.

| SPRINKLER HEAD SCHEDULE | | | | | | |
|-------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------|--------------------------|--------------------------------------------|---------------------------------------------------------|
| SYMBOL | TYPE | MODEL | K-FACTOR | FINISH AND TEMPERATURE | LOCATION | NOTES |
| ◊A | RESIDENTIAL CONCEALED PENDENT | VIKING FREEDOM RESIDENTIAL CONCEALED PENDENT SPRINKLER W/WHITE COVER PLATE | 4.9 | 165°F SPR/ 135° COVER | IN NOTED AREAS | |
| ◊B | RESIDENTIAL CONCEALED HORIZONTAL SIDEWALL | VIKING FREEDOM RESIDENTIAL CONCEALED HORIZONTAL SIDEWALL SPRINKLER W/WHITE COVER PLATE | 4.0 | 165°F SPR/ 135° COVER | IN NOTED AREAS | |
| ◊C | HIGH TEMPERATURE UPRIGHT QUICK RESPONSE | RELIABLE F1FR | 5.6 | 155°F | MECHANICAL ROOM | PROVIDE HIGH TEMPERATURE SPRINKLER WITH SPRINKLER CAGE. |
| ◊D | DRY RECESSED HORIZONTAL SIDEWALL QUICK RESPONSE | RELIABLE F3QR DRY RECESSED HORIZONTAL WHITE POLYESTER COATED SIDEWALL SPRINKLER W/WHITE PAINTED ESCUTCHEON | 5.6 | 155°F | EXTERIOR BALCONIES, GROUND FLOOR PATIOS | |

- ### FIRE PROTECTION GENERAL NOTES
- DRAWINGS ARE DIAGRAMMATIC AND SHOW THE GENERAL INTENT OF WORK. SEE DETAILS, RISERS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - COORDINATE WORK WITH PHASING SCHEDULE. ALL WORK TO OCCUR AT OWNER'S CONVENIENCE. NOTIFY OWNER WELL IN ADVANCE OF BEGINNING ANY PHASE OF WORK.
 - SPRINKLER HEADS IN AREAS SUBJECT TO EXCESSIVE TEMPERATURES SUCH AS THE AREA IMMEDIATELY AROUND HEATING EQUIPMENT AND OTHER HEAT PRODUCING EQUIPMENT SHALL BE OF THE HIGH TEMPERATURE TYPE.
 - IN AREAS WITHOUT FINISHED CEILINGS UPRIGHT SPRINKLER HEADS SHALL BE USED UNLESS OTHERWISE NOTED.
 - IN AREAS WITH FINISHED CEILINGS CONCEALED PENDENT SPRINKLERS SHALL BE USED UNLESS OTHERWISE NOTED. FLEX HEADS SHALL NOT BE USED.
 - THE FIRE PROTECTION CONTRACTOR SHALL REVIEW THE ARCHITECTURAL REFLECTED CEILING PLANS AS PART OF THIS CONTRACT FOR ADDITIONAL INFORMATION SUCH AS CEILING HEIGHTS, TYPES, SOFFITS AND/OR OTHER DEVICE LOCATIONS.
 - THE FIRE PROTECTION CONTRACTOR SHALL REVIEW THE ELECTRICAL DIVISION DRAWINGS AND COORDINATE THE FIRE PROTECTION WORK WITH LOCATIONS OF LIGHTS AND CEILING MOUNTED DEVICES WHICH MAY INTERFERE WITH SPRINKLER HEAD LOCATIONS OR SPRAY PATTERNS.
 - THE FIRE PROTECTION CONTRACTOR SHALL REVIEW THE HVAC DIVISION DRAWINGS AND COORDINATE THE FIRE PROTECTION WORK WITH LOCATIONS OF CEILING MOUNTED DEVICES SUCH AS DIFFUSERS, GRILLES, REGISTERS, AND ALSO THE LOCATIONS OF HEAT PRODUCING EQUIPMENT AND DUCTWORK REQUIRING SPRINKLER PROTECTION BELOW IT.
 - SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND HYDRAULIC CALCULATIONS TO A/E OF RECORD. CONTRACTOR SHALL PERFORM HIS OWN UP-TO-DATE FLOW TEST TO HYDRAULICALLY CALCULATE THIS PROJECT.
 - IT IS THE INTENT OF THIS PROJECT TO CONCEAL ALL PIPING WHEREVER POSSIBLE.
 - ALL EXPOSED PIPING SHALL BE PRIME AND 2-COAT FINISH PAINTED. COLOR FOR EACH SPACE WILL BE SELECTED BY THE ARCHITECT.
 - THE FIRE PROTECTION CONTRACTOR SHALL DESIGN ALL SPRINKLER SYSTEMS IN EACH APARTMENT TO MEET THE REQUIREMENTS OF AN NFPA-13R (2002) SYSTEM.
 - THE FIRE PROTECTION CONTRACTOR SHALL VERIFY WITH THE LOCAL FIRE DEPARTMENT AND ARCHITECT FOR FINAL LOCATIONS OF ALL FIRE DEPARTMENT CONNECTIONS FOR EACH BUILDING PRIOR TO INSTALLATION.
 - THE FIRE PROTECTION CONTRACTOR SHALL COORDINATE ALL SPRINKLER PIPING WITH THE STRUCTURAL LAYOUT OF EACH APARTMENT. THE FIRE PROTECTION CONTRACTOR SHALL PROVIDE RESIDENTIAL SIDEWALL SPRINKLERS IN ALL AREAS THAT ARE BELOW UNHEATED ATTIC SPACES.
 - ALL ATTIC SPACES SHALL BE NON-ACCESSIBLE AND UNHEATED. A DRY SYSTEM SHALL NOT BE REQUIRED TO BE INSTALLED IN ANY ATTICS.
 - ALL PORCH AND BAY ROOFS SHALL BE REQUIRED TO HAVE DRY SPRINKLER PROTECTION.

FIRE PROTECTION LEGEND

| SYMBOL | ABBR. | DESCRIPTION |
|---------|-------|-----------------------------------------|
| — SPR — | SPR | SPRINKLER PIPING |
| — FP — | FP | COMBINED FIRE PROTECTION PIPING |
| ● ○ ▷ | | NEW SPRINKLER HEAD |
| — ○ — | | PIPE UP THRU SLAB OF FLOOR ABOVE |
| — ○ — | | PIPE DOWN THRU FLOOR SHOWN |
| — ○ — | | PIPE DROP |
| — ○ — | | PIPE RISE |
| Y | FDC | FORGED STORZ FIRE DEPARTMENT CONNECTION |
| Δ | | CONTROL VALVE WITH TAMPER SWITCH |
| ⊞ | FDV | FIRE DEPARTMENT VALVE |
| ⊞ | FS | WATER FLOW SWITCH |
| ⊞ | | RUBBER FACED CHECK VALVE |
| ⊞ | | CHECK VALVE |
| ⊞ | | PRESSURE GAUGE |
| ⊞ | | INSPECTOR'S TEST VALVE |

FLOW TEST DATA

| | |
|------------------|----------------------|
| STATIC : | 78 PSI |
| RESIDUAL : | 60 PSI |
| FLOW : | 950 GPM |
| DATE : | 5/5/2009 |
| SOURCE OF INFO : | SNEW |
| LOCATION : | DAY ST & RICHMOND ST |

SPRINKLER DESIGN CRITERIA

DESIGN AND INSTALLATION OF FIRE PROTECTION SYSTEMS IN RESIDENTIAL AREAS SHALL COMPLY WITH NFPA 13R - 2002.

MECHANICAL SPACES ETC.:

OCCUPANCY : ORDINARY HAZARD GROUP 1

DENSITY :0.15 GPM/SQ. FT.

DESIGN AREA :1,500 SQ. FT

MAX. COVERAGE PER SPRINKLER :130 SQ. FT.

MAX. SPRINKLER SPACING :15 FEET

MAX. DISTANCE BETWEEN SPRINKLER AND WALL :1/2 ALLOWABLE DISTANCE BETWEEN SPRINKLERS

TOTAL HOSE STREAM ALLOWANCE (INSIDE & OUTSIDE) :250 GPM

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DRAWN BY: KNL
CHECKED BY: FRC

SHEET TITLE

**FIRE PROTECTION
NOTES, SCHEDULES
AND LEGENDS**

FP-000

FIRE PROTECTION WORK NOTES

ALL SPRINKLERS SHALL BE TYPE 'A' UNLESS NOTED OTHERWISE.
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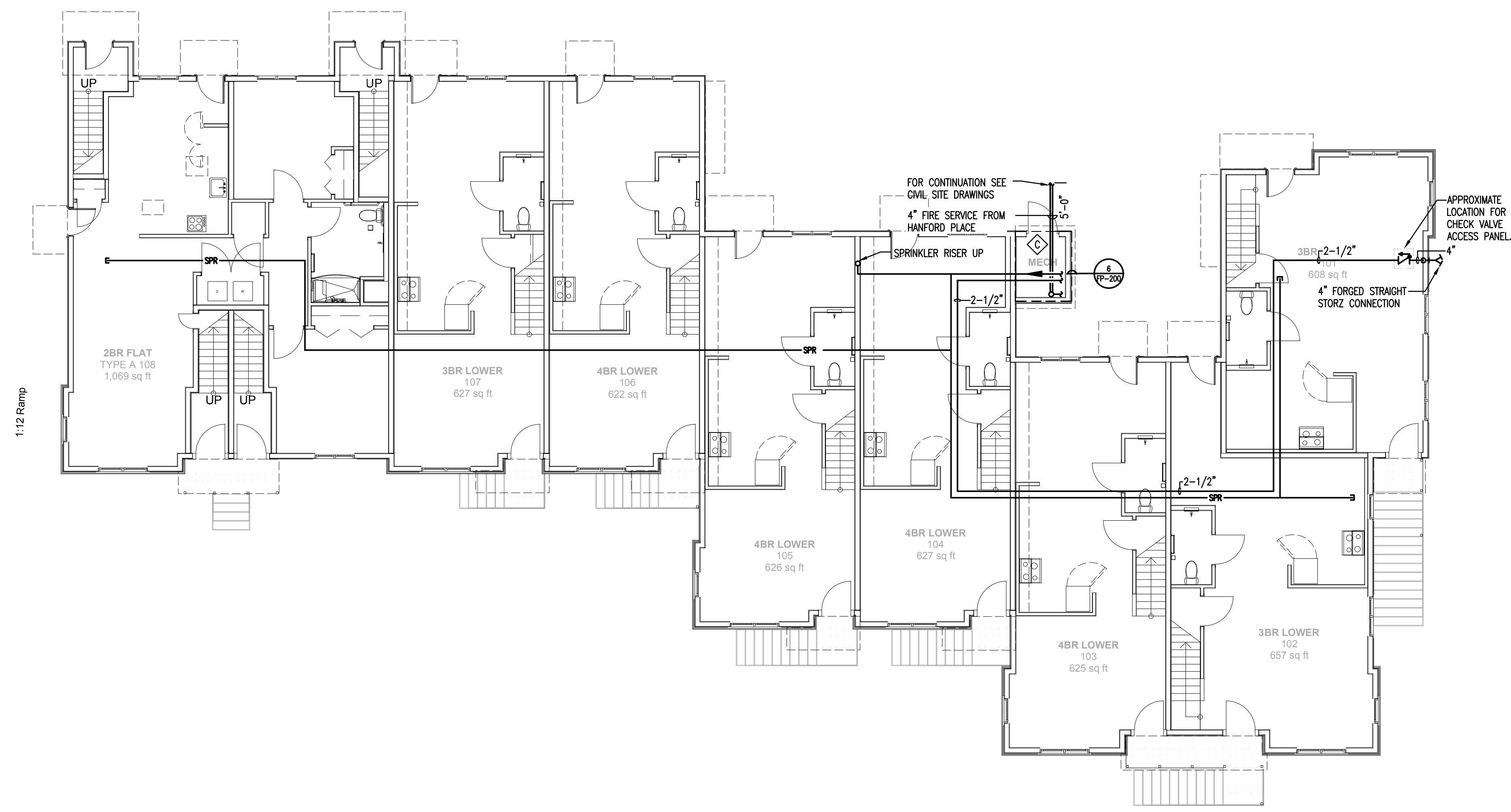
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1 FIRST FLOOR PLAN - FIRE PROTECTION
 SCALE: 1/8"=1'-0"



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PROJECT NO.: 21222/CEN TEK #13232.01
 DRAWN BY: KNL
 CHECKED BY: FRC

SHEET TITLE
**BUILDING A
 FIRST FLOOR
 PLAN - FIRE
 PROTECTION**



FP-101

FIRE PROTECTION WORK NOTES

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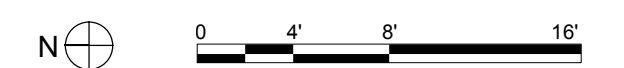
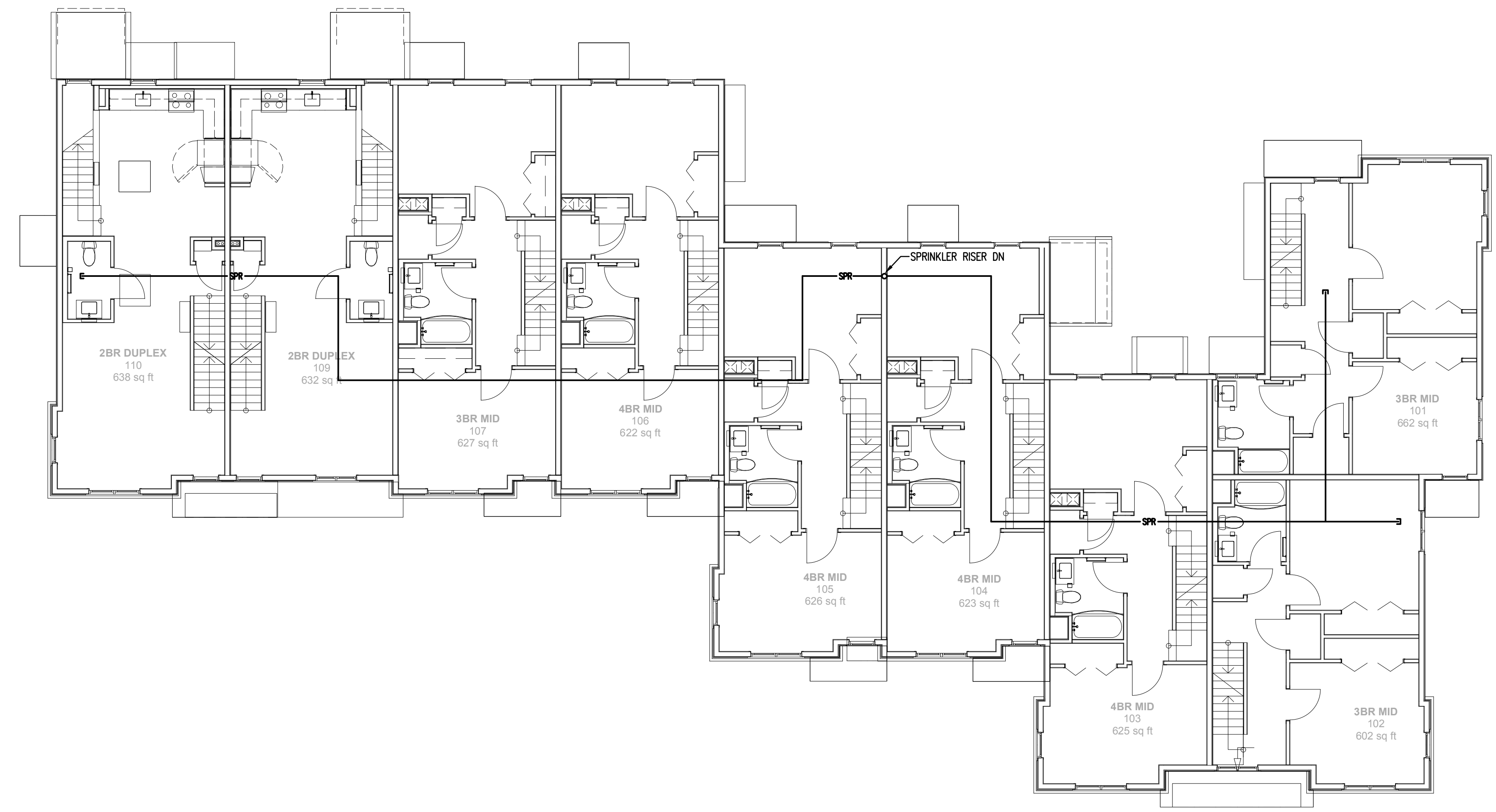
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STAMP

1 SECOND FLOOR PLAN - FIRE PROTECTION
 SCALE: 1/8"=1'-0"

| | 09-15-2014 | PERMIT/ PRICING |
|------|------------|---------------------|
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CEN TEK #13232.01
 DRAWN BY: KNL
 CHECKED BY: FRC

SHEET TITLE
**BUILDING A
 SECOND FLOOR
 PLAN - FIRE
 PROTECTION**



FP-102

FIRE PROTECTION WORK NOTES

ALL SPRINKLERS SHALL BE TYPE 'B' UNLESS OTHERWISE NOTED.
 ALL SPRINKLER MAIN AND BRANCH PIPE SIZES SHALL BE BASED UPON HYDRAULIC CALCULATIONS PERFORMED BY FIRE PROTECTION CONTRACTOR.
 GENERAL NOTE:
 1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

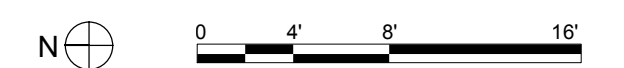
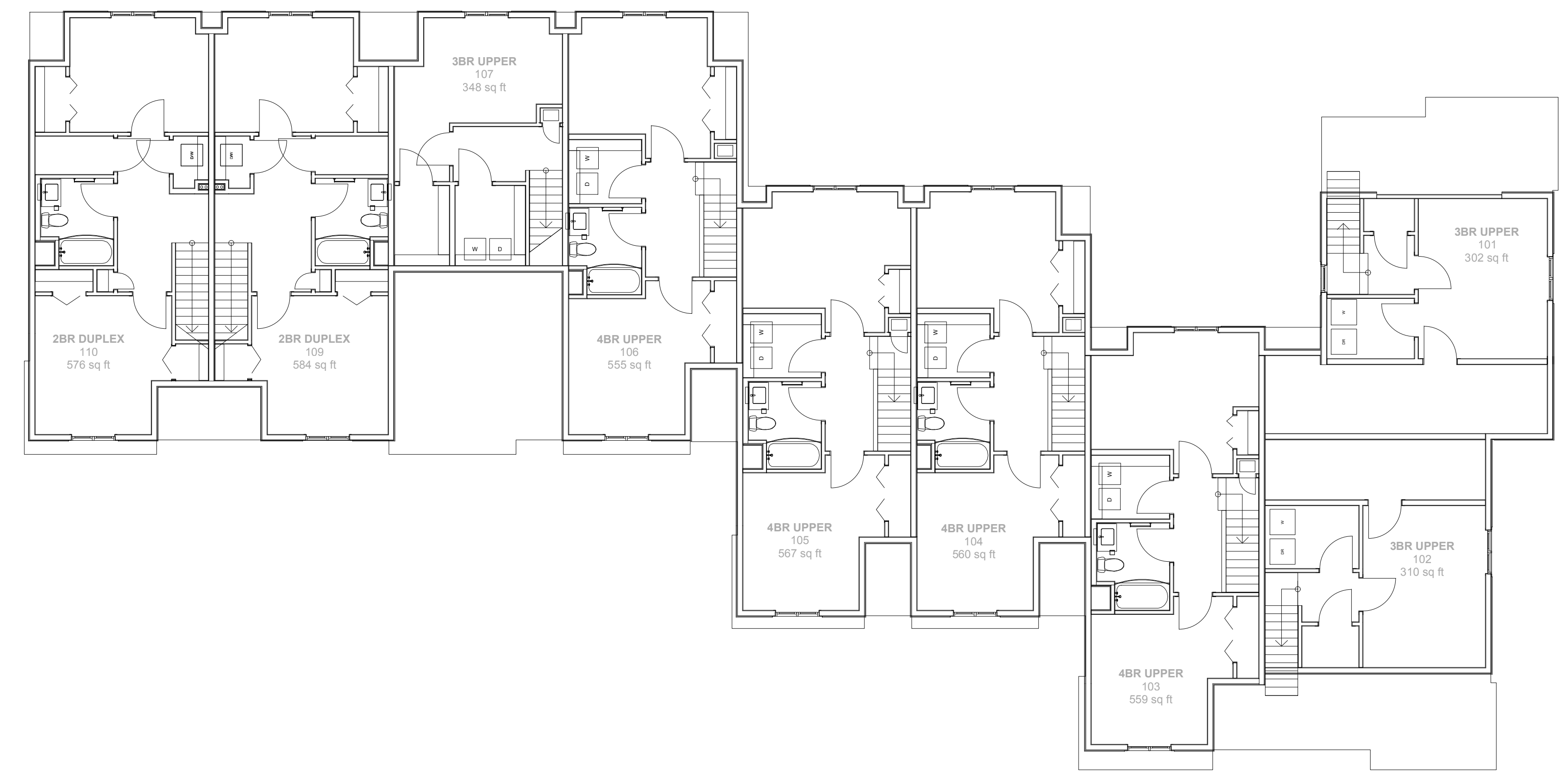
**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT
 Trinity Washington Village Limited Partnership
 &
 the Norwalk Housing Authority

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1 THIRD FLOOR PLAN - FIRE PROTECTION
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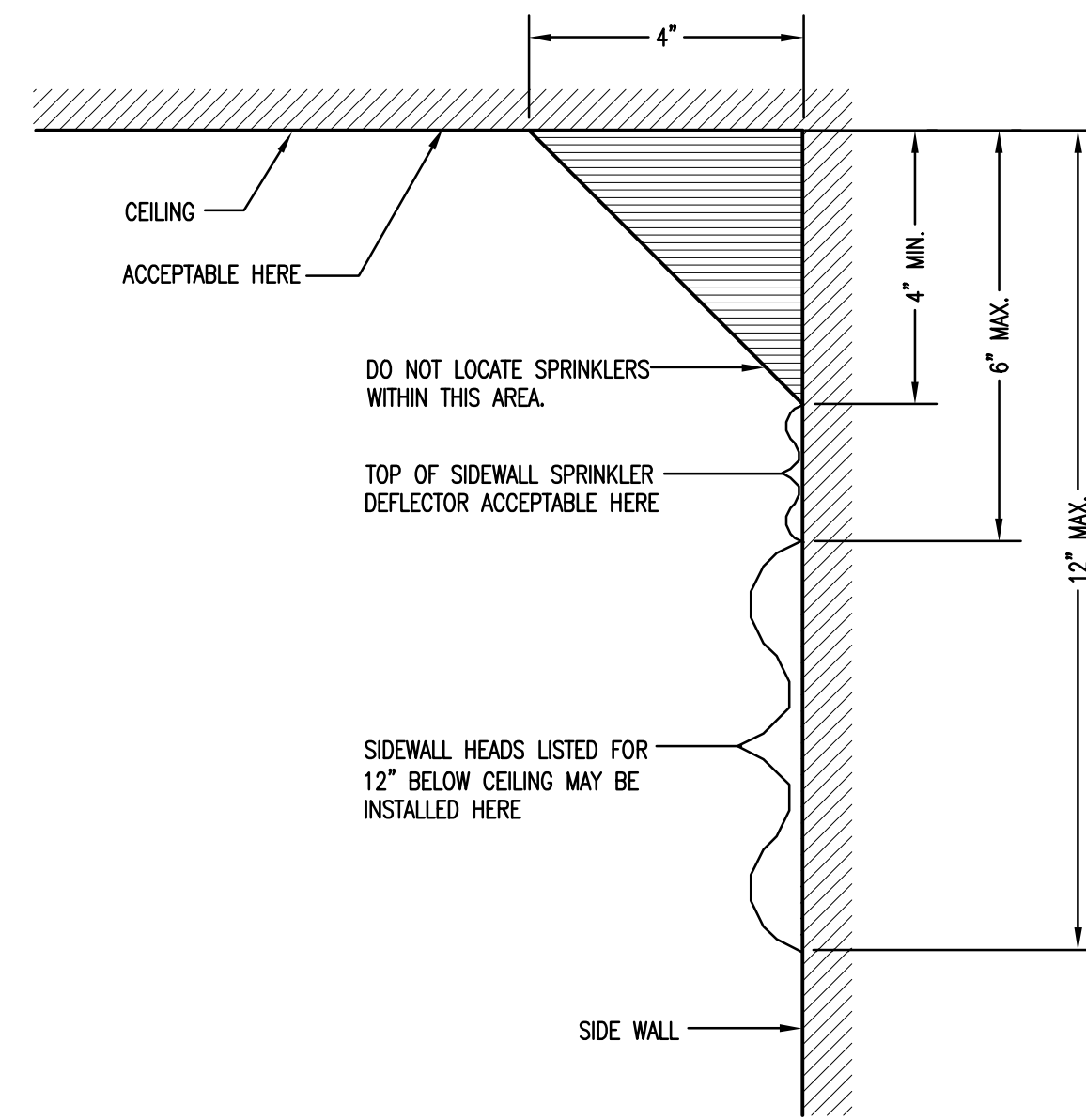
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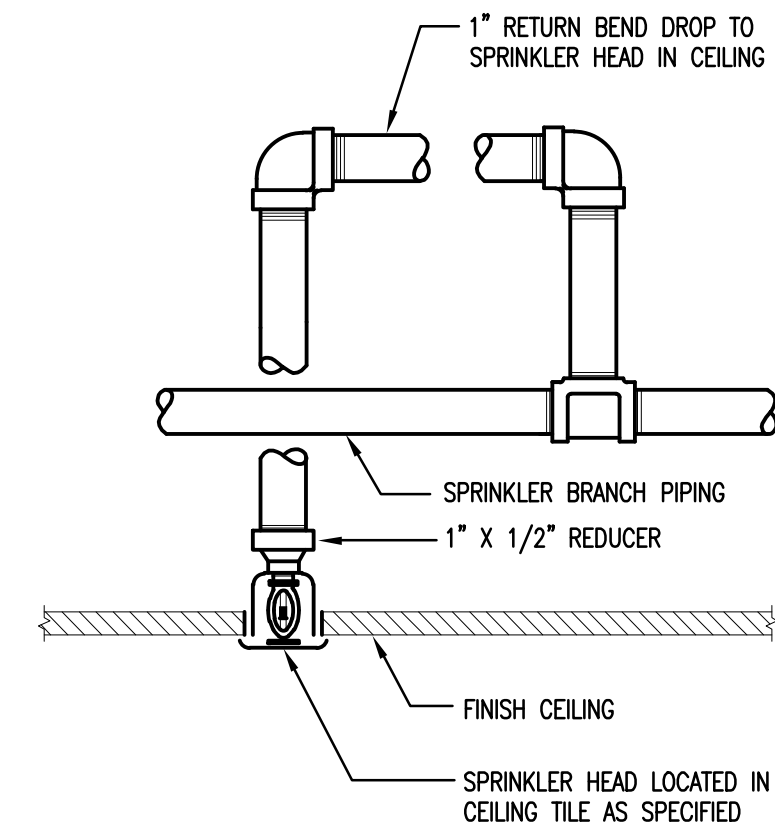
SHEET TITLE
**BUILDING A
 THIRD FLOOR
 PLAN - FIRE
 PROTECTION**



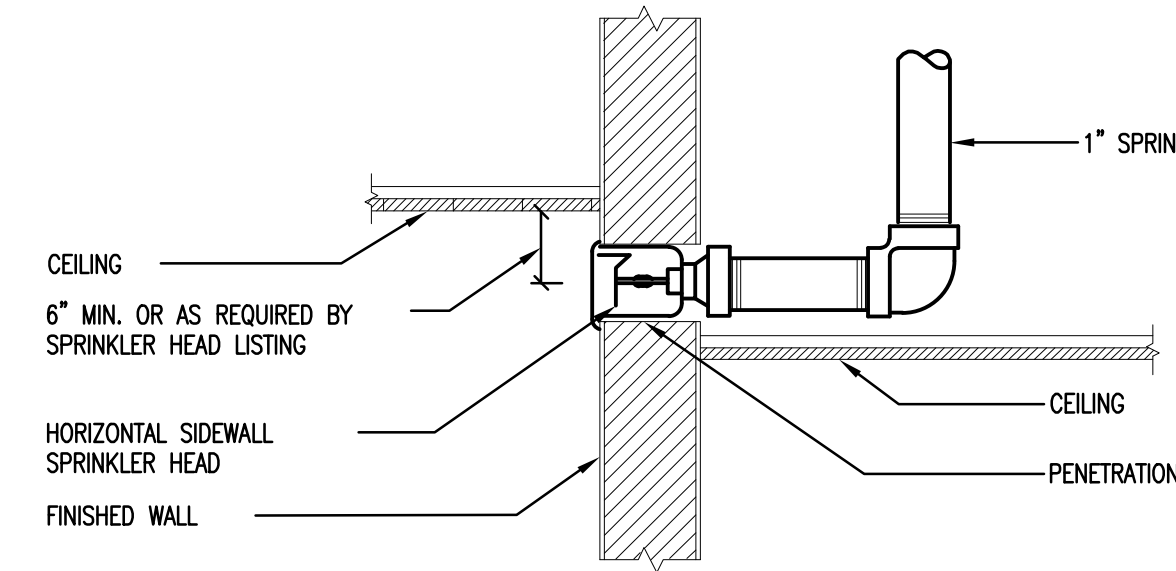
FP-103



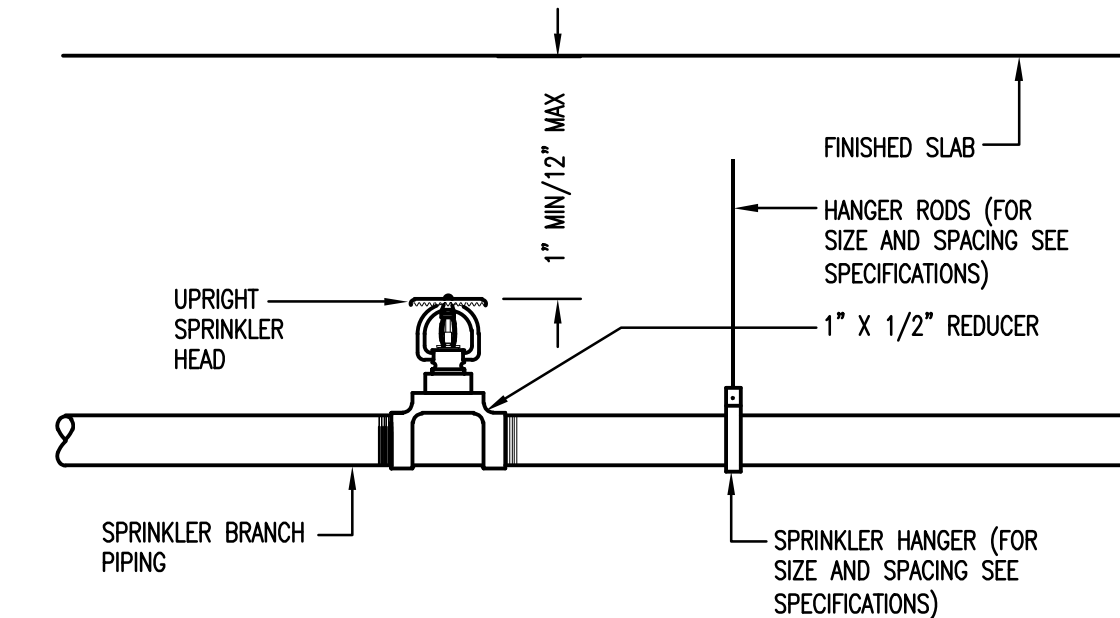
1 LOCATION OF SPRINKLERS AT WALLS
N.T.S.



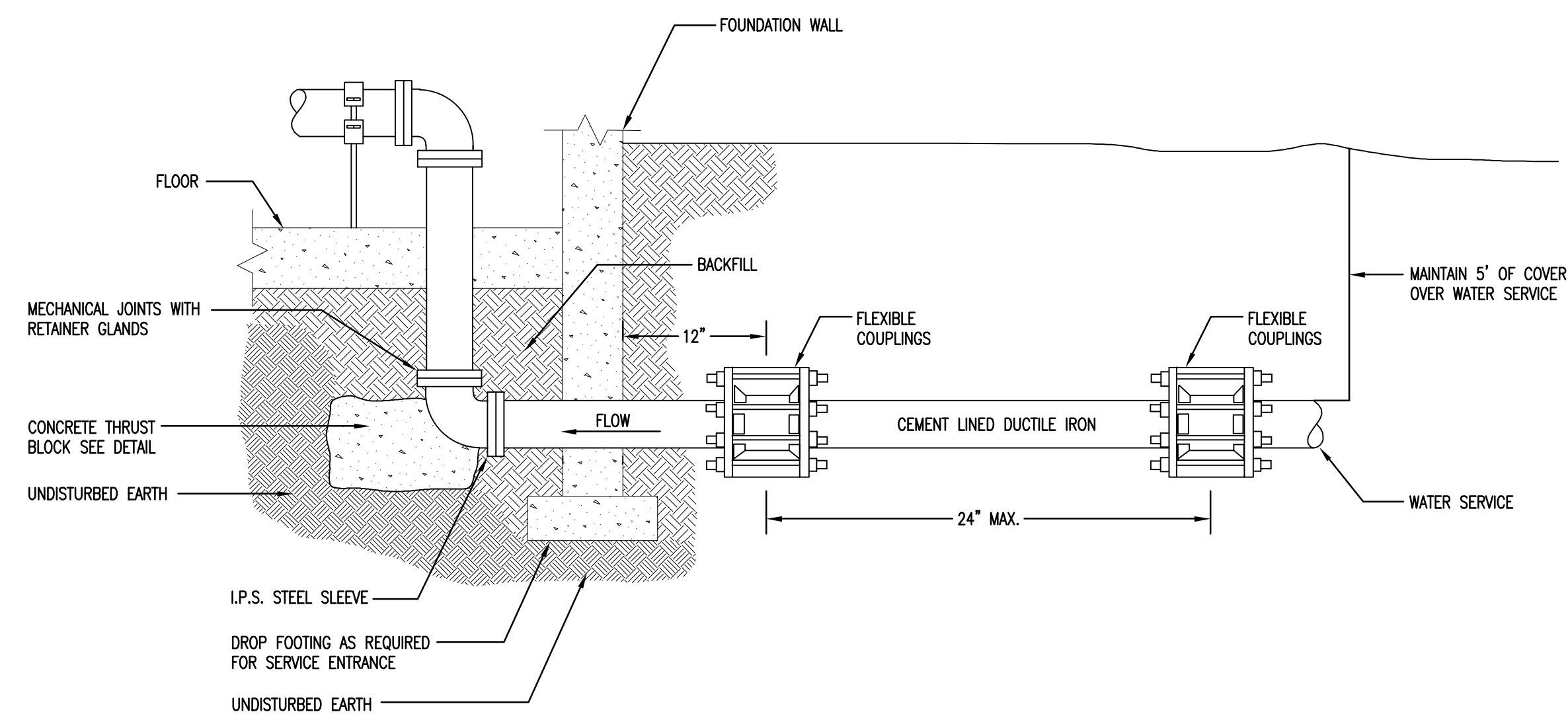
2 TYPICAL CONCEALED SPRINKLER RETURN BEND DROP
N.T.S.



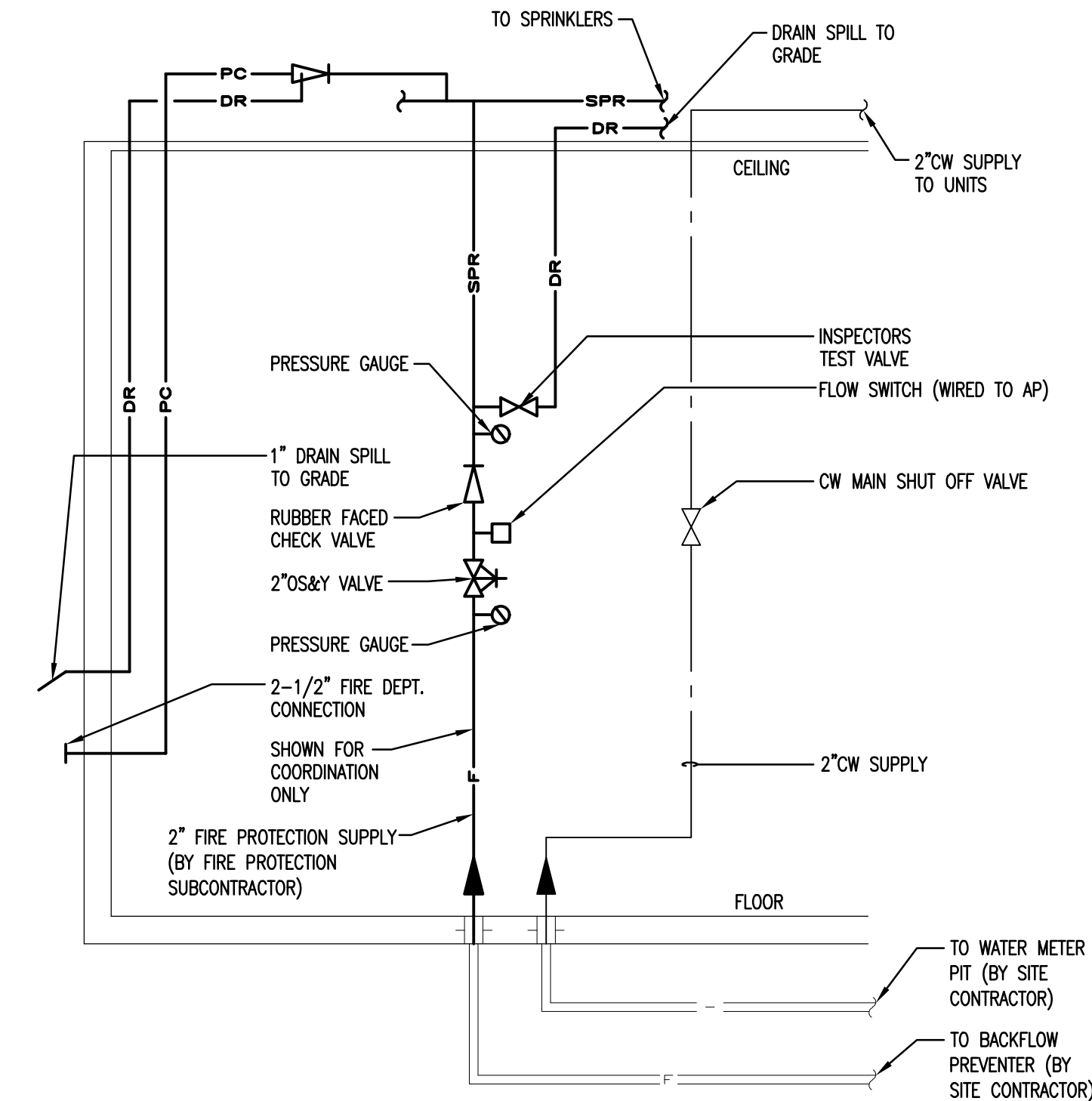
3 CONCEALED SIDEWALL SPRINKLER
N.T.S.



4 TYPICAL UPRIGHT SPRINKLER
N.T.S.



5 FIRE SERVICE ENTRANCE DETAIL
N.T.S.



6 TYPICAL BLDG. 'A' MAIN SHUT-OFF VALVE ASSEMBLIES WITH METER PIT (DOMESTIC AND FIRE PROTECTION WATER)
N.T.S.

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership & the Norwalk Housing Authority



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PROJECT NO.: 21222/CEN/TEK #13232.01
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SHEET TITLE

FIRE PROTECTION DETAILS

FP-200

| AIR HANDLING UNIT SCHEDULE | | | | | | | | | | | | | | | | | | | |
|----------------------------|-----------|---------------|------|------|--------|--------------------|-----|-------|-------|---------------------------|--------|--------|-----|-----------------------------|-----------|----------|-------------------|-------|------------|
| UNIT NUMBER | LOCATION | FAN | | | | MOTOR DATA @ 60 HZ | | | | HOT WATER COIL @ 70°F EAT | | | | DX COOLING COIL | | | | NOTES | EMER POWER |
| | | SPEED SETTING | CFM | RPM | EXT SP | HP | RPM | VOLTS | PHASE | MBH | EWT °F | LWT °F | GPM | ΔPRESS FT. H ₂ O | TOTAL MBH | SENS MBH | EAT DB/WB (DEG F) | | |
| AHU-1 | SEE PLANS | H | 650 | VAR. | 0.5 | VAR. | 120 | 1 | 25 | 140 | 120 | - | - | 18 | - | - | 80/67 | 1,4,5 | NO |
| AHU-2 | SEE PLANS | H | 700 | VAR. | 0.5 | VAR. | 120 | 1 | 34 | 140 | 120 | - | - | 24 | - | - | 80/67 | 1,4,5 | NO |
| AHU-3 | SEE PLANS | H | 900 | VAR. | 0.5 | VAR. | 120 | 1 | 42 | 140 | 120 | - | - | 30 | - | - | 80/67 | 1,4,5 | - |
| AHU-4 | SEE PLANS | H | 600 | VAR. | 0.5 | VAR. | 120 | 1 | 25 | 140 | 120 | - | - | 18 | - | - | 80/67 | 2,4,5 | - |
| AHU-5 | SEE PLANS | H | 800 | VAR. | 0.5 | VAR. | 120 | 1 | 34 | 140 | 120 | - | - | 24 | - | - | 80/67 | 2,4,5 | - |
| AHU-6 | SEE PLANS | H | 1200 | VAR. | 0.5 | VAR. | 120 | 1 | 50 | 140 | 120 | - | - | 36 | - | - | 80/67 | 2,4,5 | - |
| AHU-7 | SEE PLANS | H | 300 | VAR. | 0.5 | VAR. | 120 | 1 | 14 | 140 | 120 | - | - | 9.5 | - | - | 80/67 | 1,4,5 | - |
| AHU-8 | SEE PLANS | H | 1100 | VAR. | 0.5 | VAR. | 120 | 1 | 50 | 140 | 120 | - | - | 36 | - | - | 80/67 | 1,4,5 | - |
| AHU-9 | SEE PLANS | H | 1400 | VAR. | 0.5 | VAR. | 120 | 1 | 68 | 140 | 120 | - | - | 48 | - | - | 80/67 | 1,4,5 | - |
| AHU-10 | SEE PLANS | H | 650 | VAR. | 0.5 | VAR. | 120 | 1 | 68 | 140 | 120 | - | - | 48 | - | - | 80/67 | 3,4,5 | - |

- NOTES:
 1. UNIT SIMILAR TO DAIKIN FXMQ_P SERIES (AHU EFFICIENCY RATING SHALL BE 15 SEER MIN. WHEN COMBINED WITH CONDENSING UNIT)
 2. UNIT SIMILAR TO DAIKIN FXTO SERIES (AHU EFFICIENCY RATING SHALL BE 15 SEER MIN. WHEN COMBINED WITH CONDENSING UNIT)
 3. UNIT SIMILAR TO DAIKIN FXMQ_MFVJU SERIES.
 4. HIGH STATIC MOTOR REQUIRED.
 5. PROVIDE WITH MERV 6 FILTER.

| AIR COOLED CONDENSING UNIT SCHEDULE | | | | | | | | | |
|-------------------------------------|--------|--------------|------|---------------|----------------|--------------|--------------------|-------------------------|-------|
| SYMBOL | MAKE | MODEL NUMBER | TYPE | SYSTEM SERVED | TOTAL CAP. MBH | SUCTION TEMP | AMB AIR TEMP DEG F | ELECTRICAL DATA VOLT/PH | NOTES |
| CU-1 | DAIKIN | RXYMQ36 | AC | SEE PLANS | 36 | 42.5 | 91.0 | 208/1 | ALL |
| CU-2 | DAIKIN | RXYMQ48 | AC | SEE PLANS | 48 | 42.5 | 91.0 | 208/1 | ALL |

- NOTES:
 1. SELECTIONS BASED ON DAIKIN (15 SEER CONDENSING UNIT MIN.)
 2. PROVIDE WITH LIQUID & SUCTION LINE, FILTER DRYERS, SIGHT GLASS AND ALL OTHER REFRIGERANT SPECIALTIES.
 3. PROVIDE WITH REFRIGERANT SOLENOID VALVE
 4. PROVIDE WITH ANTI SHORT CYCLE TIMER
 5. PROVIDE WITH RUBBER ISOLATORS
 6. PROVIDE WITH LOW PRESSURE SWITCH.

| FAN SCHEDULE | | | | | | | | | | | | | | | | | | |
|--------------|----------|----------|-----|-----------------------------|---------|----------------------|-------|--------------------|-----|------|------|-------|-------|-------------|--------------------|------------|-------|------------|
| UNIT NUMBER | LOCATION | SERVICE | CFM | S.P. (IN. H ₂ O) | FAN RPM | WHEEL DIAMETER (IN.) | CLASS | MOTOR DATA @ 60 HZ | | | | | | INLET VANES | FAN TYPE | SIMILAR TO | NOTES | EMER POWER |
| | | | | | | | | MBHP | MHP | RPM | AMPS | VOLTS | PHASE | | | | | |
| EX-1 | BATHROOM | BATHROOM | 75 | .25 | - | - | - | - | - | 0.17 | 120 | 1 | NO | CEILING | PANASONIC FV-0BQV5 | 1,2,3 | NO | |
| EX-2 | BATHROOM | BATHROOM | 75 | .25 | - | - | - | - | - | 0.17 | 120 | 1 | NO | CEILING | PANASONIC FV-0BQV5 | 2,3 | NO | |

- NOTES:
 1. PANASONIC FAN TO BE CONTROLLED BY AUBE SWITCH.
 2. PROVIDE PREMIUM EFFICIENCY MOTOR.
 3. FAN SHALL BE ENERGY STAR RATED.

| UNIT HEATER SCHEDULE | | | | | | | | | | | | | | | | | | | |
|----------------------|-----------|---------------|------|------|--------|--------------------|------|-------|-------|----------------|--------|-----|-----------------------------|------------|---------------|------------|----------------------|------------|-------|
| UNIT NUMBER | LOCATION | FAN | | | | MOTOR DATA @ 60 HZ | | | | HOT WATER COIL | | | | STEAM COIL | ELECTRIC COIL | SIMILAR TO | SEE NOTES BELOW | EMER POWER | |
| | | SPEED SETTING | CFM | RPM | EXT SP | HP | RPM | VOLTS | PHASE | EWT °F | LWT °F | GPM | ΔPRESS FT. H ₂ O | INLET PSIG | #/HR | | | | VOLTS |
| UH-1 | SEE PLANS | H | 53 | 3200 | - | 31W | 3200 | 115 | 1 | 140 | 120 | 1 | .17 | - | - | - | BEACON MORRIS W-42 | 1,3 | NO |
| UH-3 | SEE PLANS | H | 1800 | 1000 | - | 1/12 | 1000 | 115 | 1 | 140 | 120 | 7.9 | .36 | - | - | - | BEACON MORRIS HB-108 | 1 | NO |
| UH-4 | SEE PLANS | H | 103 | 3200 | - | 31W | 3200 | 115 | 1 | 140 | 120 | 1 | .22 | - | - | - | BEACON MORRIS W-84 | 1 | NO |
| UH-5 | SEE PLANS | H | 103 | 3200 | - | 31W | 3200 | 115 | 1 | - | - | - | - | - | - | - | QMARK | 1 | NO |

- NOTES:
 1. PROVIDE WITH REMOTE MOUNTED THERMOSTAT.
 2. PROVIDE WITH RECESSED MOUNTING ENCLOSURE AND COVER.

| (HOT WATER) FINNED TUBE RADIATION SCHEDULE | | | | | | | | | | |
|--------------------------------------------|-----------------------------|--------|-----------|---------------|-----------|-----------------|--------------------|---------|------------------|---------------|
| UNIT NO. | MIN CAPACITY BTU/H/IN. FOOT | AWT °F | PIPE SIZE | FIN SIZE | FINS FOOT | NO. OF ELEMENTS | SELECTION BASED ON | REMARKS | ENCLOSURE HEIGHT | CONSTR. GAUGE |
| A | 1115 | 130 | 3/4" | 4-1/4"x4-1/4" | 50 | 3 | AIRDALE S-24-16-0 | ALL | 24 | 16 |

- NOTES:
 1. FACTORY APPLIED POWER COATED BAKED ENAMEL FINISH. COLOR TO BE SELECTED BY ARCHITECT.
 2. PROVIDE ALL TRIMS, END CAPS, CORNERS AND ACCESS PANELS AS REQUIRED.

| EXPANSION/COMPRESSION TANK SCHEDULE | | | | | | | | | | |
|-------------------------------------|-----------------------|---------------|-----------------------|-------------------------|-------|--------------------------------|--------------|----------------------|------------------------|-------|
| UNIT NUMBER | LOCATION | SYSTEM SERVED | INITIAL CHARGE (PSIG) | TANK CAPACITY (GALLONS) | STYLE | TANK LENGTH (IN.) X DIA. (IN.) | TANK FITTING | RELIEF VALVE SETTING | REDUCING VALVE SETTING | NOTES |
| TK-1 | MECHANICAL RM (UNITS) | HOT WATER | 12 | 2 | VERT | 12 5/8" x 8" | - | 20 PSIG | 12 PSIG | |

HVAC GENERAL NOTES

- GENERAL NOTES APPLICABLE TO ALL HVAC DRAWINGS
- ALL DUCTWORK PENETRATING FIRE RATED WALLS SHALL HAVE FIRE DAMPERS AT EACH PENETRATION.
 - ALL DUCTWORK PENETRATING RATED FLOOR SLABS SHALL HAVE FIRE DAMPERS DAMPERS AT EACH PENETRATION.
 - EXACT LOCATION OF CEILING DIFFUSER, GRILLES, REGISTERS, ETC. TO BE COORDINATED WITH REFLECTED CEILING PLANS.
 - MINIMUM PIPING RUNOUTS TO REHEAT COILS SHALL BE 3/4".
 - HVAC CONTRACTOR SHALL PROVIDE ALL SHEET METAL AND PIPING TRANSITIONS TO DIFFUSERS, TERMINAL BOXES, COILS AND OTHER SIMILAR HVAC EQUIPMENT.
 - FOR EQUIPMENT QUANTITIES SCHEDULED, SEE PLANS. SCHEDULES DO NOT INDICATE EXACT QUANTITIES.
 - ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S APPROVED PUBLISHED LITERATURE.
 - PROVIDE INSTRUMENTAL TEST HOLES IN DUCTWORK WHEREVER VOLUME DAMPERS ARE REQUIRED.
 - ALL WORK UNDER THIS SECTION SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE ANY INSTALLATION IS MADE.
 - EXACT LOCATIONS OF THERMOSTATS TO BE COORDINATED WITH ALL OTHER TRADES BEFORE ANY INSTALLATION IS MADE.
 - ALL EXPOSED EQUIPMENT (REGISTERS, GRILLES, DIFFUSERS, UNIT HEATERS, ETC.) SHALL HAVE COLORS SELECTED BY THE ARCHITECT UNLESS OTHERWISE NOTED. SEE SPECIFICATIONS.
 - ALL EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY SO THAT LIGHTS DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.
 - FURNISH ALL ACCESS PANELS FOR VALVES AND DAMPERS IN WALLS, CEILING AND FLOORS AS REQUIRED PER PLANS AND SPECIFICATIONS. ACTUAL NUMBERS TO BE FIELD DETERMINED - LOCATIONS TO BE APPROVED BY ARCHITECT.
 - ALL CONDENSATION DRAIN PIPING SHALL BE EQUIPPED WITH CLEANOUTS AT THE ENDS OF ALL HORIZONTAL MAINS, AT BASE OF EACH RISER AND AT EACH CHANGE OF DIRECTION.
 - ALL STRAINER/RELIEF VALVE DISCHARGE PIPING SHALL RUN TO 12" ABOVE NEAREST FLOOR DRAIN.
 - BRANCH DUCTS SERVING SUPPLY, RETURN OR EXHAUST GRILLES SHALL BE 2" LARGER (WIDER) THAN GRILLE NECK SIZE UNLESS NOTED OTHERWISE.
 - PROVIDE FLOW METERING STATIONS FOR HOT WATER PIPING TO FACILITATE HYDRONIC BALANCING AT EACH PUMP, AND ALL MAINS LEAVING MECHANICAL ROOMS. UNITS SHALL BE COMPLETE WITH BALANCING VALVES WITH MEMORY STOPS.
 - PROVIDE SEPARATE PROGRAMMABLE ENERGY STAR RATED THERMOSTAT FOR EACH ZONE INDICATED ON THE DRAWINGS.
 - PROVIDE 3/4" DRAIN VALVE WITH HOSE CONNECTION, CAP AND CHAIN AT BASE OF ALL PIPE RISERS AND SYSTEM LOW POINTS AND MANUAL AIR VENTS AT TOP OF ALL RISERS AND SYSTEM HIGH POINTS.
 - COORDINATE ALL STRUCTURAL SUPPORT PAD REQUIREMENTS WITH ARCHITECTURAL DRAWINGS FOR ALL EQUIPMENT REQUIRING SAME.
 - COORDINATE ALL WATER MAKEUP AND DRAIN REQUIREMENTS WITH PLUMBING DRAWINGS FOR ALL EQUIPMENT REQUIRING SAME.
 - COORDINATE ALL MOTOR, STARTER, DISCONNECT AND SMOKE DETECTOR REQUIREMENTS WITH ELECTRICAL DRAWINGS FOR ALL EQUIPMENT REQUIRING SAME.
 - DUCT DIMENSIONS SHOWN ON PLANS REFER TO INSIDE CLEAR DIMENSIONS.
 - PROVIDE ALL PIPE AND DUCT CONNECTIONS TO EQUIPMENT INDICATED ON THE ARCHITECTURAL DRAWINGS AND FOR EQUIPMENT FURNISHED NEW BY THE OWNER. COORDINATE REQUIREMENTS WITH ARCHITECT, OWNER & CONSTRUCTION MANAGER. REVIEW ALL DRAWINGS FOR THESE REQUIREMENTS AND ASCERTAIN THE EXACT SCOPE IN THE FIELD PRIOR TO SUBMITTING BIDS.
 - ALL AIR DEVICES PENETRATING CEILING/FLOOR OR CEILING/ROOF RATED ASSEMBLIES SHALL BE PROVIDED WITH CEILING RADIATION DAMPER INSTALLED IN ACCORDANCE WITH MANUFACTURER AND UL LISTING REQUIREMENTS

HVAC LEGEND

| | |
|---------|----------------------------------------------|
| — HWS — | HOT WATER SUPPLY |
| — HWR — | HOT WATER RETURN |
| — D — | DRAIN |
| — V — | VENT |
| — RS — | REFRIGERANT SUCTION LINE |
| — RL — | REFRIGERANT LIQUID LINE |
| | GATE VALVE |
| | GLOBE VALVE |
| | BALL VALVE |
| | FLOW CONTROL BALANCING VALVE |
| | HOSE END VALVE |
| | AUTOMATIC VALVE (TWO WAY) |
| | RELIEF VALVE OR SAFETY VALVE |
| | PRESSURE REDUCING VALVE |
| | CHECK VALVE |
| | MANUAL AIR VENT |
| | AUTOMATIC AIR VENT |
| | UNION |
| | STRAINER ASSEMBLY |
| | PRESSURE GAUGE ASSEMBLY |
| | PRESSURE TEMPERATURE TAP WITH CAP |
| | THERMOMETER WELL |
| | PIPE TURNED UP |
| | PIPE TURNED DOWN |
| | THERMOMETER |
| | FLEXIBLE CONNECTION |
| | THERMOSTAT |
| | REVERSE ACTING THERMOSTAT |
| | PUMP |
| | FAN |
| | AIR OUTLET LABEL |
| | Q = QUANTITY |
| | AxB = NECK SIZE |
| | C = TYPE |
| | XX = CFM |
| | DUCT UNDER POSITIVE PRESSURE |
| | DUCT UNDER NEGATIVE PRESSURE |
| | ACCESS PANEL |
| | RISE |
| | DROP |
| | SYMBOL WITH NO MARK IS A MANUAL OBD |
| | FD FIRE DAMPER |
| | AD AUTOMATIC DAMPER |
| | BDD BACK DRAFT DAMPER |
| | DETAIL REFERENCE (DETAIL "X" ON DRAWING "Z") |
| | SECTION MARK (SECTION "X" ON DRAWING "Z") |
| | REFERENCE LINE |

AIR DISTRIBUTION DEVICE SCHEDULE

| UNIT NO. | SERVICE | AIR PATTERN | NECK SIZE | MATERIAL | ACCESSORIES | SELECTION BASED ON | REMARKS |
|----------|-----------------|-------------------|-----------|-------------------|----------------------|--------------------|----------------------------------------------------------|
| A | CEILING SUPPLY | 1-WAY | SEE PLANS | STEEL OR ALUMINUM | OPPOSED BLADE DAMPER | PRICE SMX | WITH EXTENDED PAN WHERE INSTALLED IN LAY-IN TYPE CEILING |
| B | CEILING SUPPLY | 2-WAY (90°) | SEE PLANS | STEEL OR ALUMINUM | OPPOSED BLADE DAMPER | PRICE SMX | WITH EXTENDED PAN WHERE INSTALLED IN LAY-IN TYPE CEILING |
| C | CEILING SUPPLY | 2-WAY (180°) | SEE PLANS | STEEL OR ALUMINUM | OPPOSED BLADE DAMPER | PRICE SMX | WITH EXTENDED PAN WHERE INSTALLED IN LAY-IN TYPE CEILING |
| D | CEILING SUPPLY | 3-WAY | SEE PLANS | STEEL OR ALUMINUM | OPPOSED BLADE DAMPER | PRICE SMX | WITH EXTENDED PAN WHERE INSTALLED IN LAY-IN TYPE CEILING |
| E | CEILING SUPPLY | 4-WAY | SEE PLANS | STEEL OR ALUMINUM | OPPOSED BLADE DAMPER | PRICE SMX | WITH EXTENDED PAN WHERE INSTALLED IN LAY-IN TYPE CEILING |
| F | RETURN/EXHAUST | - | SEE PLANS | STEEL OR ALUMINUM | OPPOSED BLADE DAMPER | PRICE 530D | WITH EXTENDED PAN WHERE INSTALLED IN LAY-IN TYPE CEILING |
| G | SIDEWALL SUPPLY | DOUBLE DEFLECTION | SEE PLANS | STEEL OR ALUMINUM | OPPOSED BLADE DAMPER | PRICE 520D | |

Washington Village Phase 1

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SHEET TITLE

HVAC LEGEND, NOTES AND SCHEDULES

H-001

HVAC WORK NOTES

1 PROVIDE AND INSTALL REFRIGERANT PIPING AND CONTROL WIRING TO RESPECTIVE AIR HANDLING UNITS. PROVIDE ALL BRACKETS, SLEEVES AND SUPPORTS REQUIRED FOR INSTALLATION.
GENERAL CONTRACTOR SHALL PROVIDE 4" CONCRETE HOUSEKEEPING PAD FOR EACH UNIT. FINAL LOCATIONS SHALL BE APPROVED BY ARCHITECT/ENGINEER PRIOR TO INSTALLATION.

GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

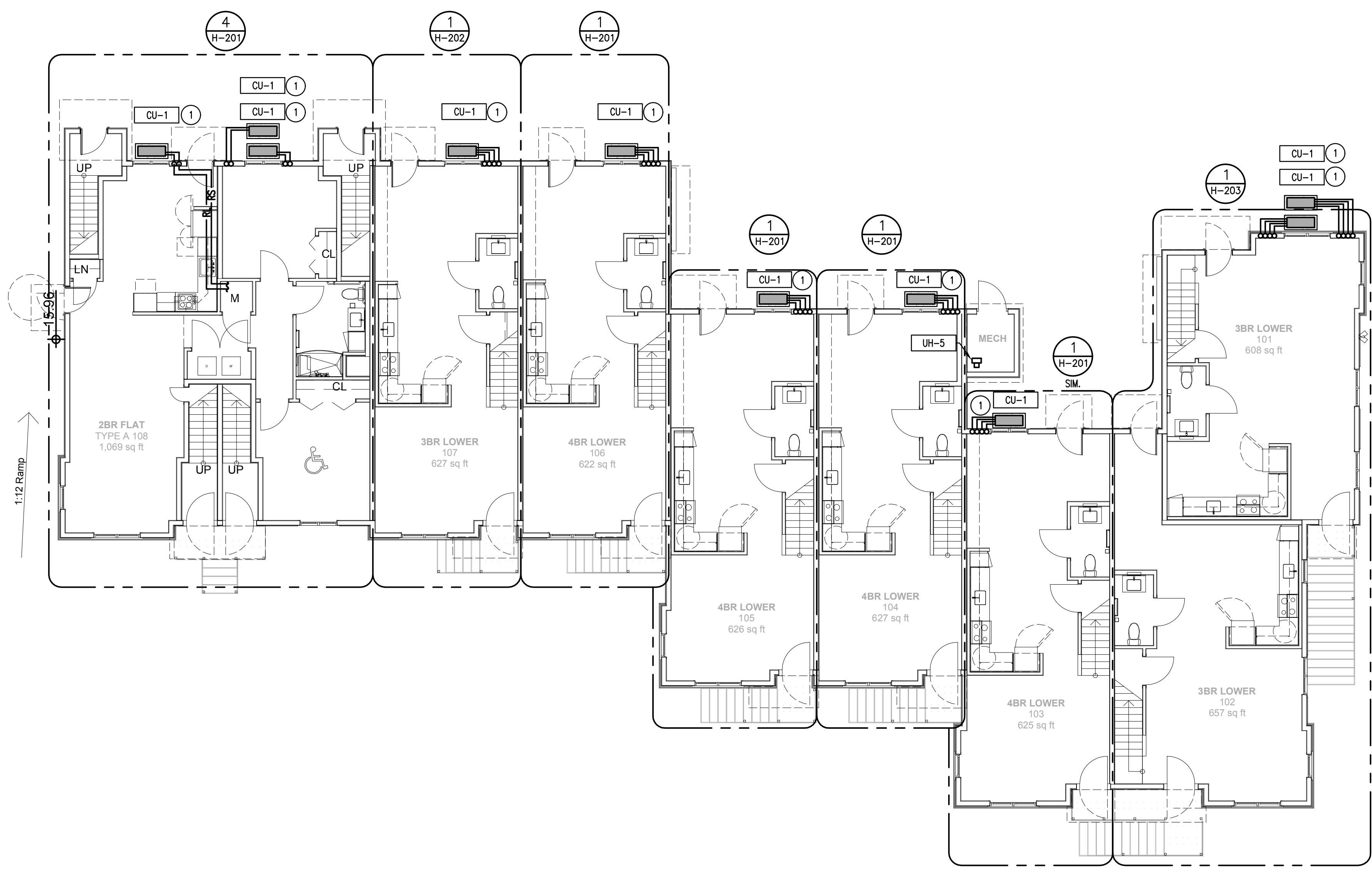
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**13 Day Street
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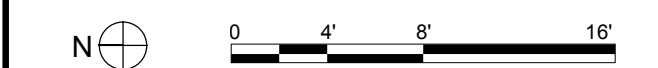
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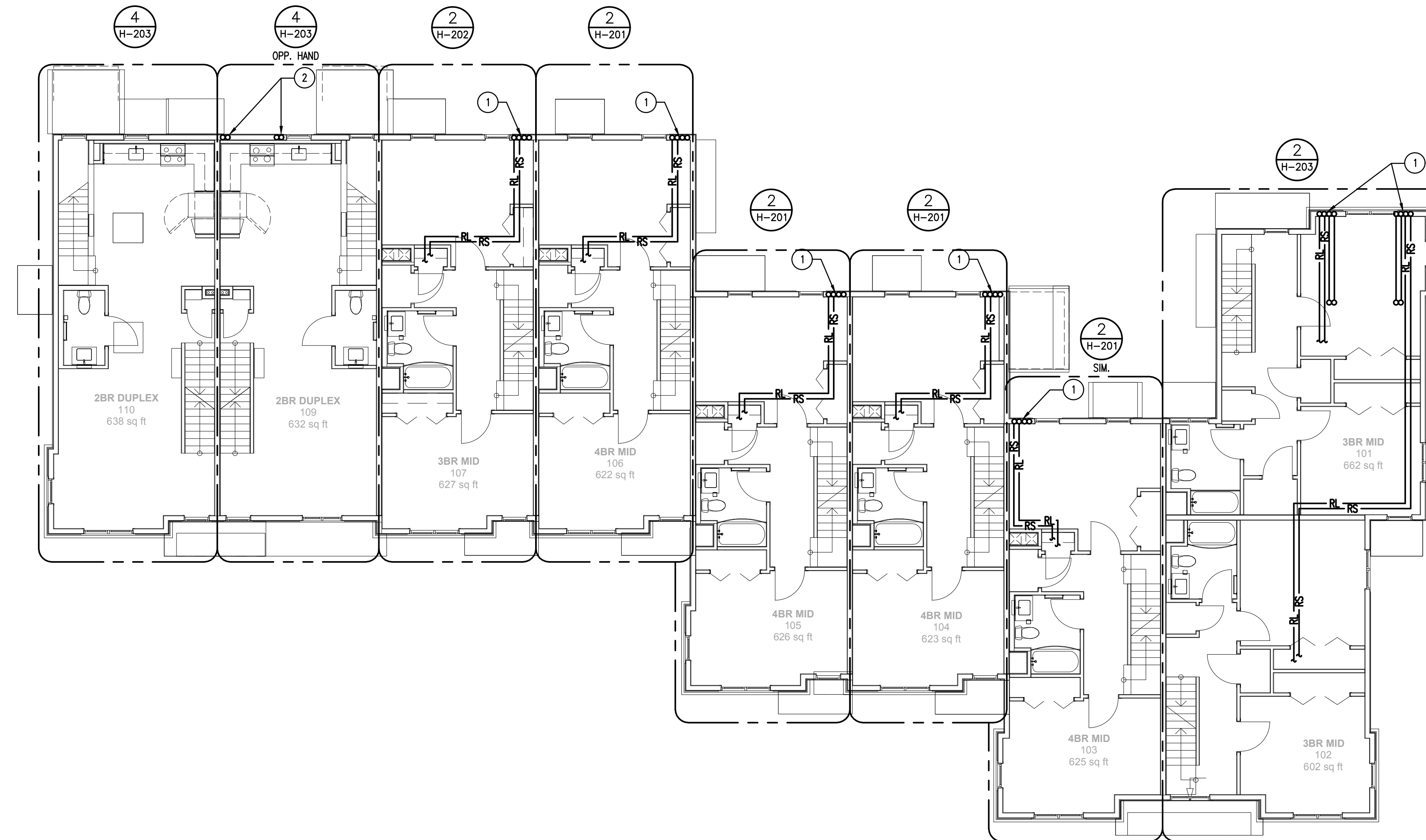
H-101

HVAC WORK NOTES

- ① TWO (2) SETS OF REFRIGERANT PIPING RSL & RLL UP FROM CONDENSING UNIT ON FIRST FLOOR UP IN WALL. (TYPICAL ALL UNITS)
- ② ONE SET OF REFRIGERANT PIPING RSL & RLL UP FROM CONDENSING UNIT ON FIRST FLOOR UP IN WALL.

GENERAL NOTE:

- 1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.



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

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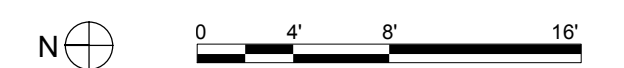
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SHEET TITLE

**BUILDING A
SECOND FLOOR
PLAN - HVAC**

H-102



HVAC WORK NOTES

- ① TWO (2) SETS OF REFRIGERANT PIPING RSL. & RLL UP FROM CONDENSING UNIT ON FIRST FLOOR UP IN WALL. (TYPICAL ALL UNITS)
 - ② HOT WATER HEATER CONCENTRIC VENT UP THRU ROOF.
- GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



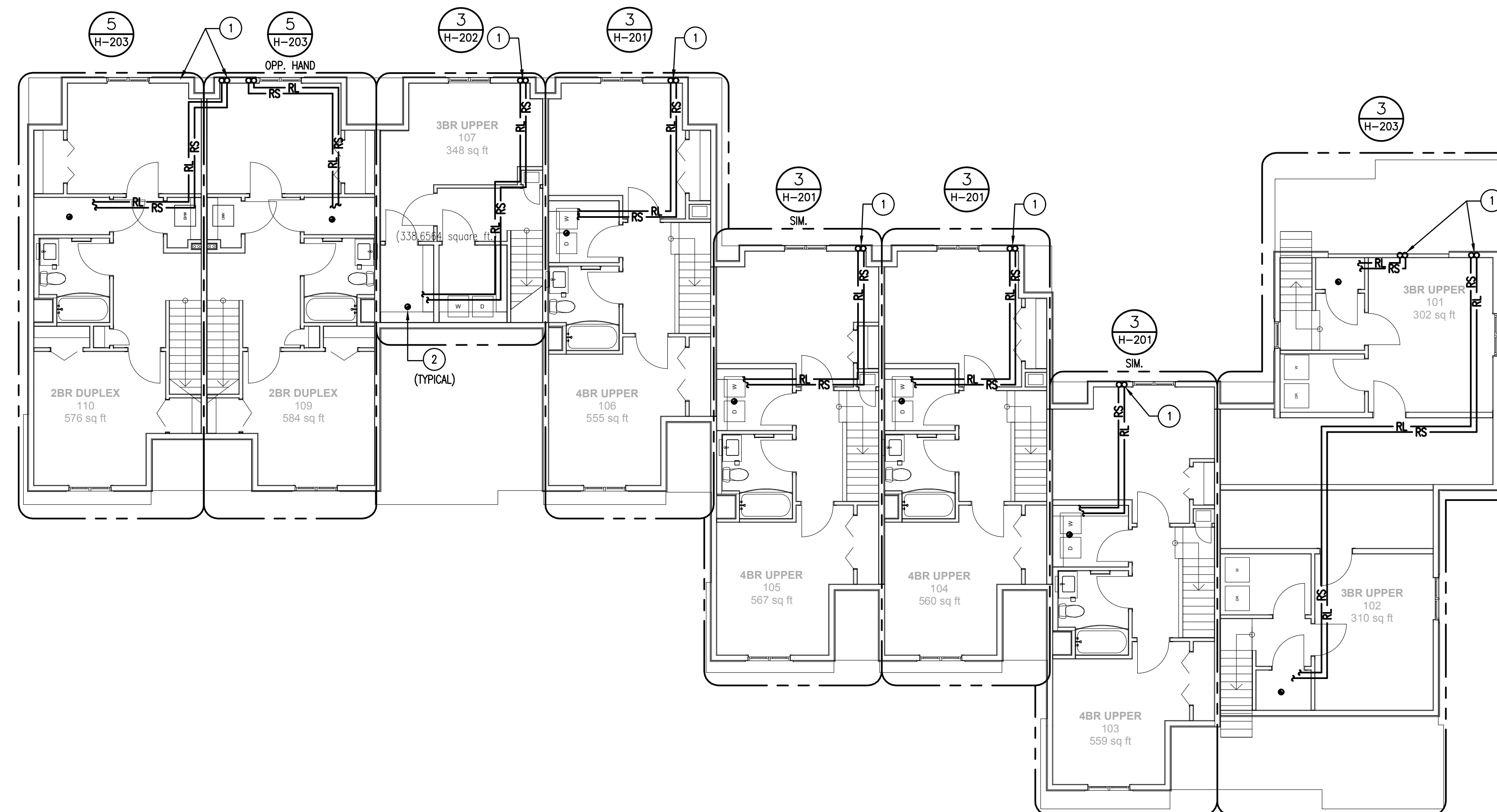
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STAMP



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

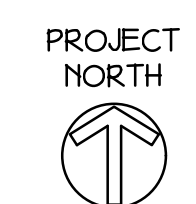
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| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222/CENTEK #13232.01
DRAWN BY: KHS
CHECKED BY: FRC

SHEET TITLE

**BUILDING A
THIRD FLOOR
PLAN - HVAC**

H-103



HVAC WORK NOTES

- ① HOT WATER HEATER CONCENTRIC VENT THRU ROOF.
- ② 4" DRYER VENT THRU ROOF WITH VENT CAP.

GENERAL NOTE:

- 1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
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**13 Day Street
Building A**

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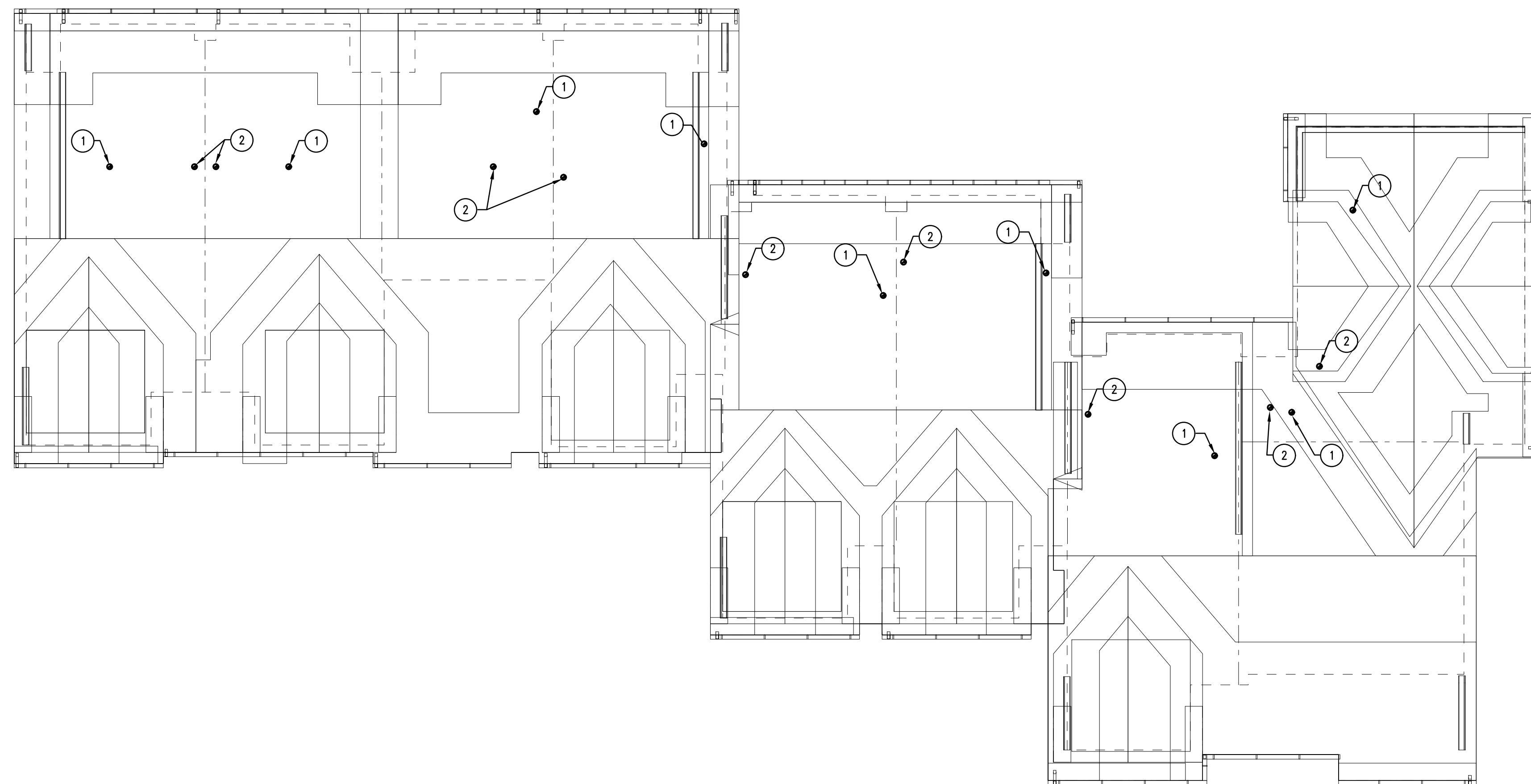
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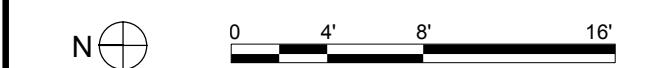


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1 ROOF PLAN - HVAC
SCALE: 1/8"=1'-0"



| | | |
|------|------------|---------------------|
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| | 09-19-2013 | CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CENTEK #13232.01
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CHECKED BY: FRC

SHEET TITLE
**BUILDING A
ROOF
PLAN - HVAC**



H-104

DIFFUSER, REGISTER AND BRANCH DUCT SIZING CHART

1. SUPPLY DUCTS AND DIFFUSERS

FOR SHEET METAL ESTIMATING PURPOSES, UNLESS NOTED OTHERWISE, ALL LOW PRESSURE SUPPLY DUCTWORK AND DIFFUSERS SHALL BE SIZED IN ACCORDANCE WITH THE FOLLOWING TABLE:

| LISTED CFM | DIFFUSER SIZE | BRANCH DUCT SIZE |
|------------|---------------|------------------|
| 0-250 | 9x9 | 12x6 |
| 251-450 | 12x12 | 14x8 |
| 451-750 | 15x15 | *18x6 - 18x10 |
| 751-1000 | 18x18 | *20x10 - 22x10 |
| 1001-1350 | 21x21 | *24x10 - 30x10 |

* LARGER DUCT SIZE IS FOR HIGHER END OF CFM LISTED. ALL DUCTS ARE SIZED FOR 700 FPM.

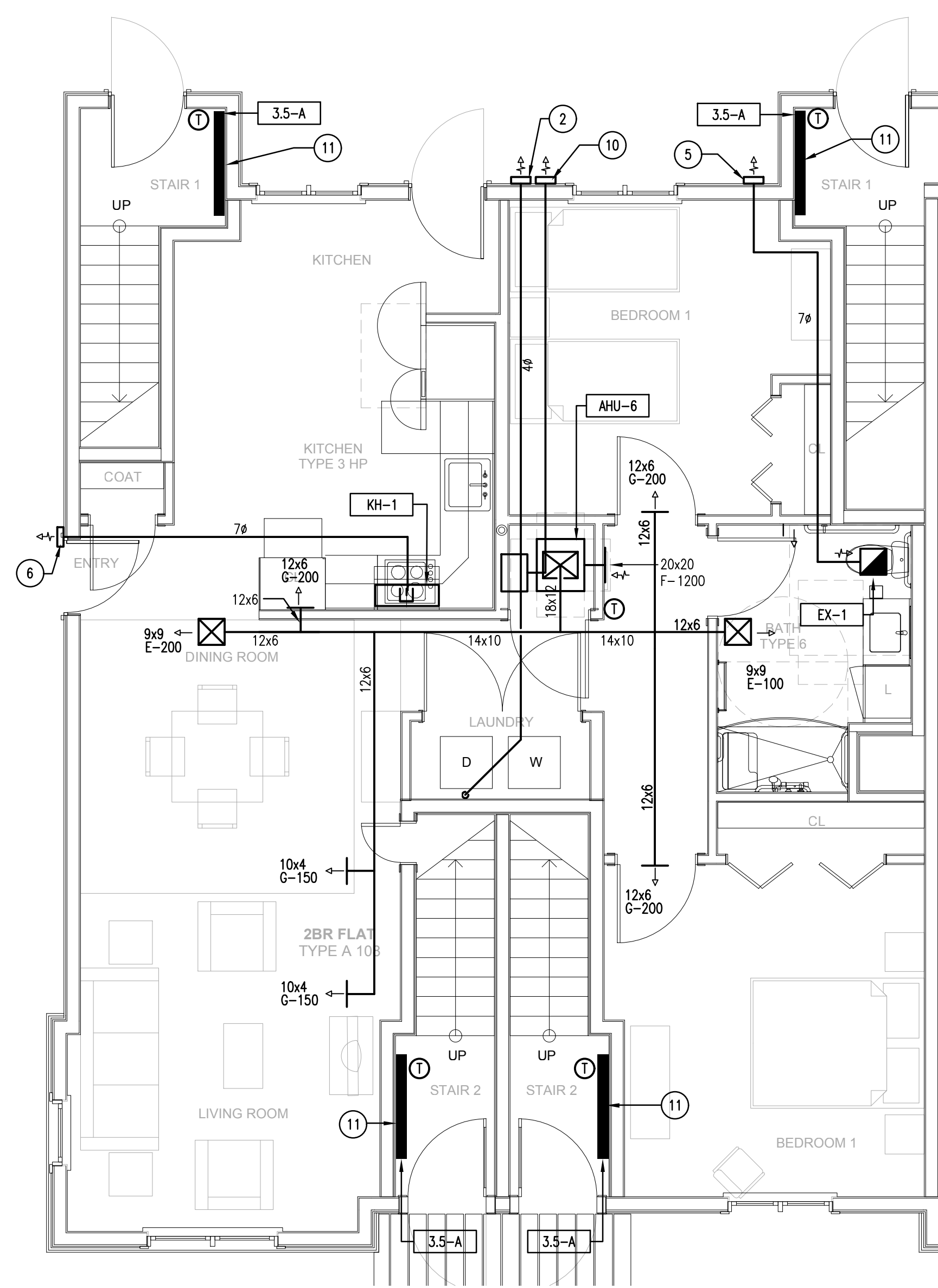
2. RETURN/EXHAUST DUCTS AND REGISTERS

FOR SHEET METAL ESTIMATING PURPOSES, UNLESS NOTED OTHERWISE, ALL LOW PRESSURE EXHAUST DUCTWORK AND REGISTERS SHALL BE SIZED IN ACCORDANCE WITH THE FOLLOWING TABLE:

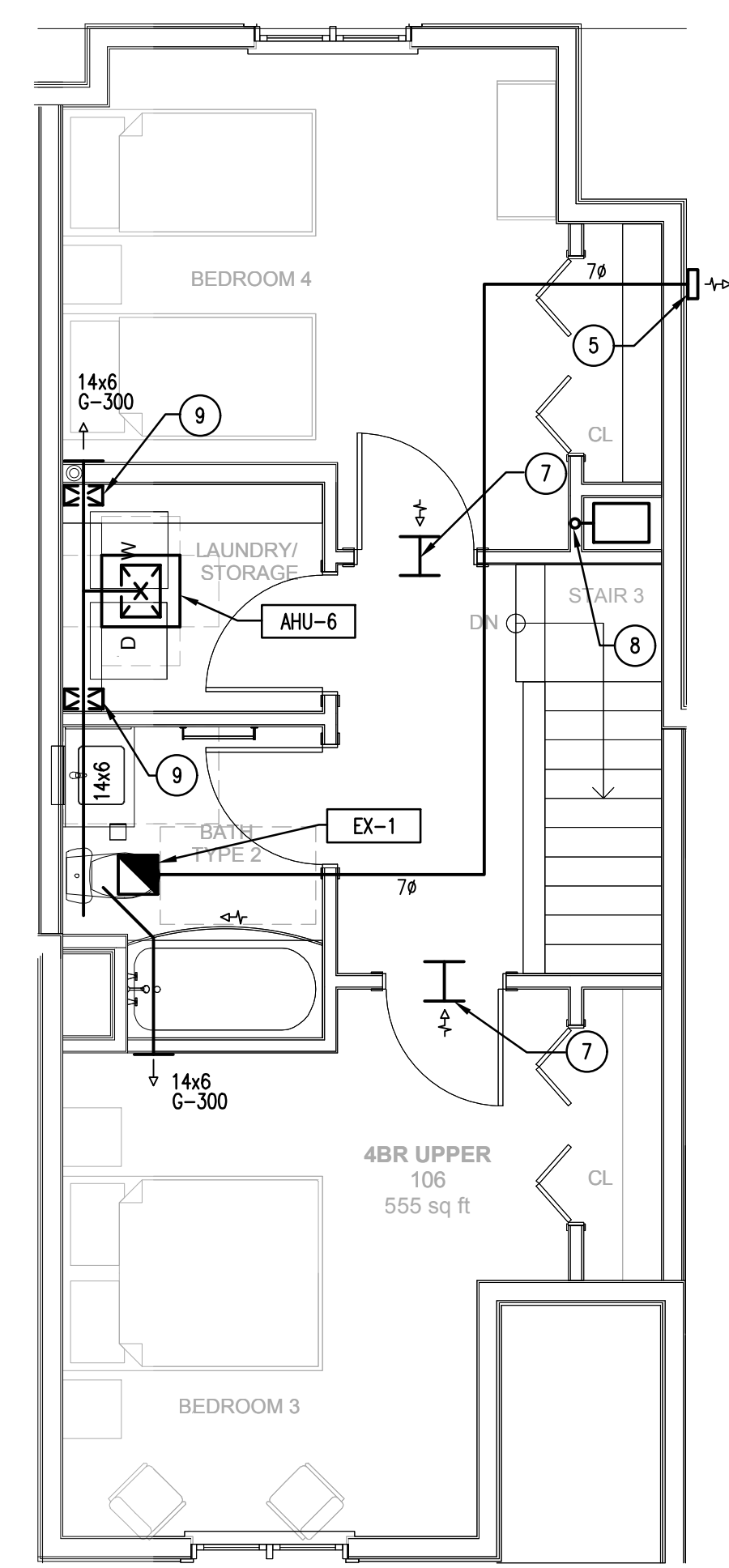
| LISTED CFM | REGISTER SIZE | BRANCH DUCT SIZE |
|------------|---------------|------------------|
| 0-200 | 8x8 | 12x6 |
| 201-300 | 10x10 | 12x8 |
| 301-450 | 12x12 | 14x8 |
| 451-600 | 14x14 | 18x8 |
| 601-800 | 18x18 | *20x8 - 20x10 |
| 801-1000 | 18x18 | *20x10 - 22x10 |
| 1001-1500 | 22x22 | *30x10 - 28x12 |

* LARGER DUCT SIZE IS FOR HIGHER END OF CFM LISTED. ALL DUCTS ARE SIZED FOR 700 FPM.

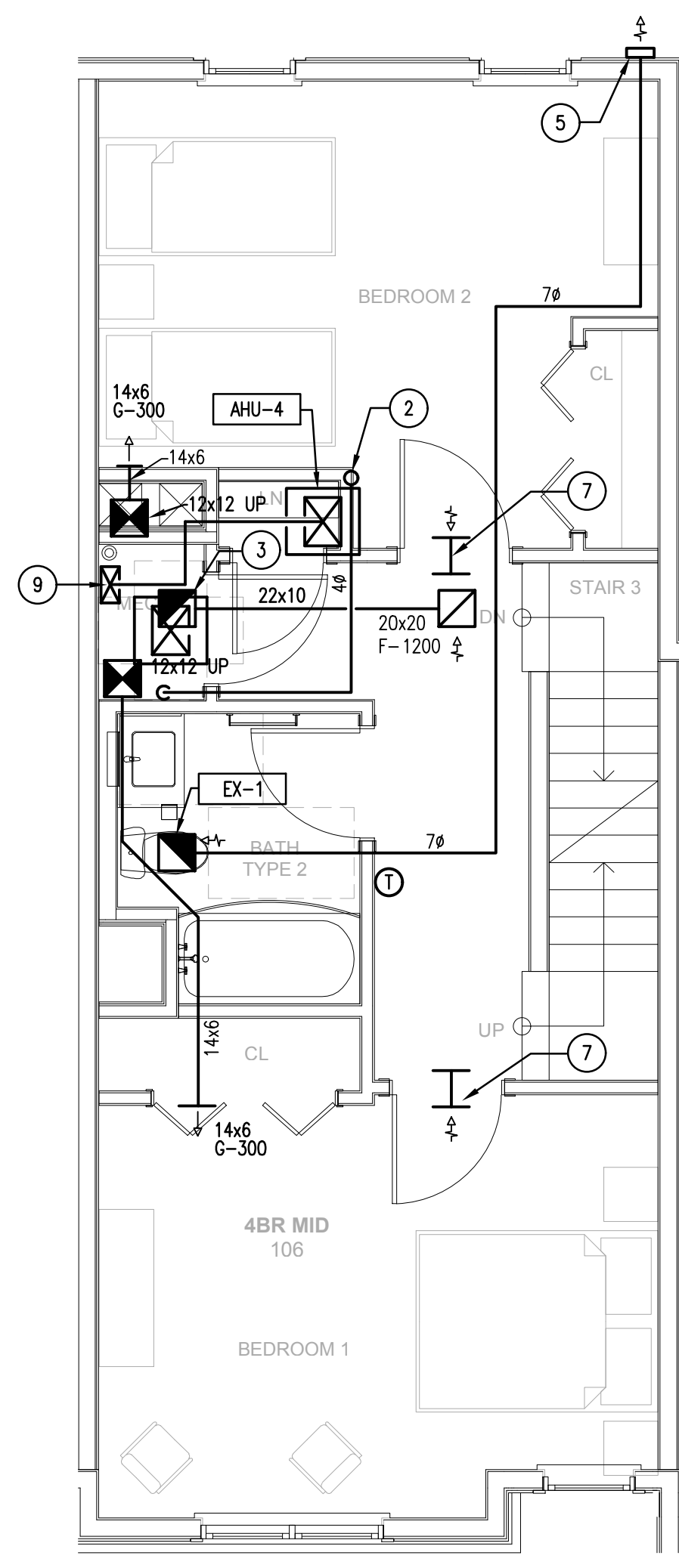
- HVAC WORK NOTES**
- 4" DRYER VENT UP THRU ROOF. PROVIDE INLINE FANTECH DBF110 DRYER BOOSTER FAN. PROVIDE ACCESS DOOR AT PRESSURE SWITCH. PROVIDE ROOF CAP.
 - DRYER EXHAUST DUCT RISER.
 - RETURN DUCT RISER.
 - 12x12 SUPPLY DUCT RISER.
 - TOILET EXHAUST VENT. PROVIDE WALL CAP.
 - KITCHEN EXHAUST VENT. PROVIDE WALL CAP.
 - 12x6 TRANSFER DUCT.
 - 3" I.D. AND 4-1/2" O.D. CONCENTRIC VENT UP THRU ROOF.
 - 14x6 DOWN
 - 3" I.D. AND 4-1/2" O.D. CONCENTRIC VENT. PROVIDE WALL CAP.
 - HYDRONIC BASEBOARD RADIATION WITH INTEGRAL THERMOSTAT.
- GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.



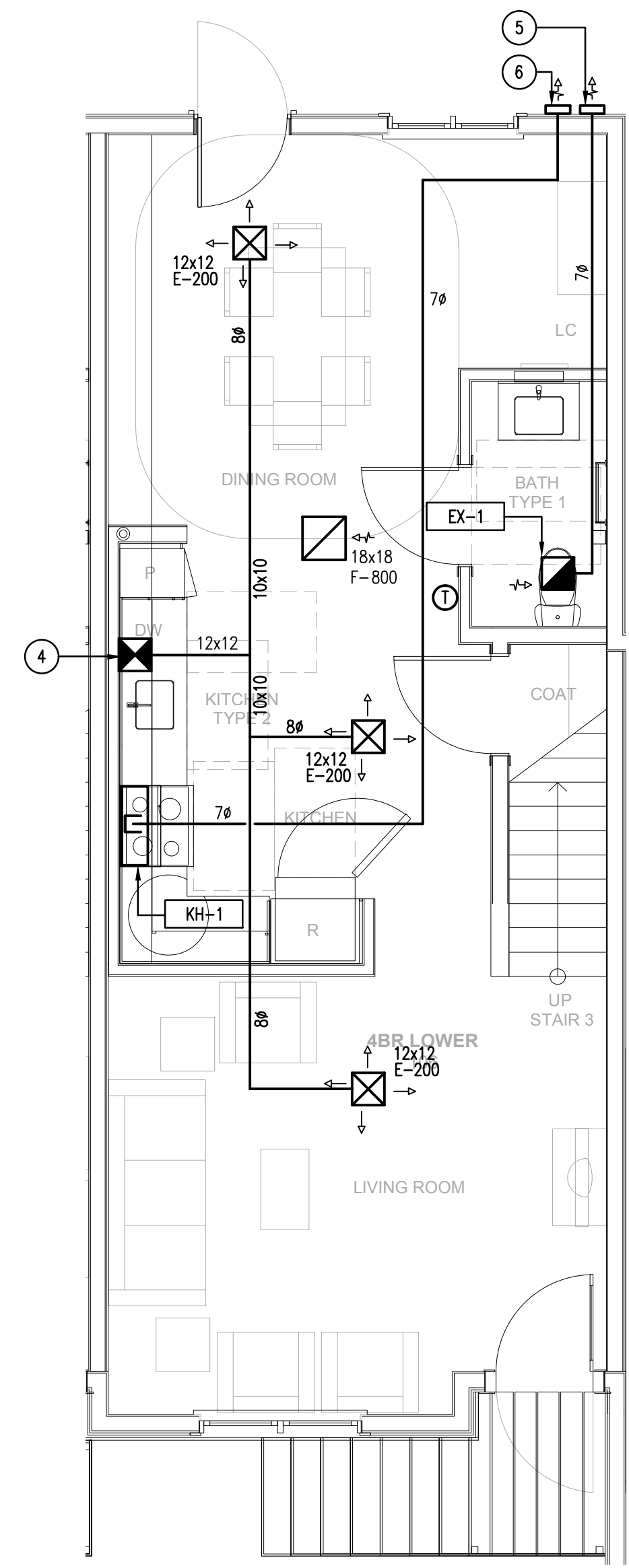
4 2BR FLAT - HVAC
SCALE: 1/4"=1'-0"



3 TOWNHOUSE THIRD FLOOR PLAN - HVAC
SCALE: 1/4"=1'-0"
(FOUR BEDROOM TOWNHOUSE)



2 TOWNHOUSE SECOND FLOOR PLAN - HVAC
SCALE: 1/4"=1'-0"
(FOUR BEDROOM TOWNHOUSE)



1 TOWNHOUSE FIRST FLOOR PLAN - HVAC
SCALE: 1/4"=1'-0"
(FOUR BEDROOM TOWNHOUSE)

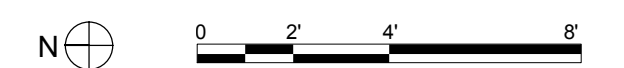
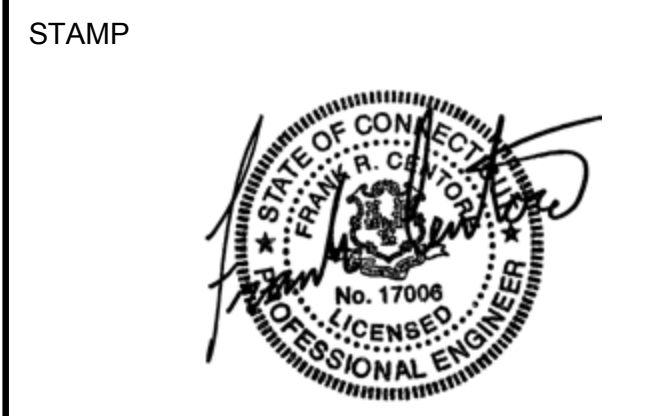
**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT
Trinity Washington Village Limited Partnership
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| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222/CEN TEK #13232.01
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SHEET TITLE
**TYPICAL UNIT PLANS
BUILDING A
HVAC**



H-201

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



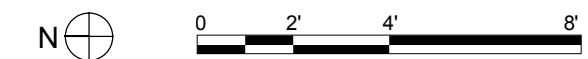
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| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CEN/TEK #13232.01
DRAWN BY: KHS
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SHEET TITLE

TYPICAL UNIT PLANS BUILDING A HVAC



H-202

DIFFUSER, REGISTER AND BRANCH DUCT SIZING CHART

1. SUPPLY DUCTS AND DIFFUSERS

FOR SHEET METAL ESTIMATING PURPOSES, UNLESS NOTED OTHERWISE, ALL LOW PRESSURE SUPPLY DUCTWORK AND DIFFUSERS SHALL BE SIZED IN ACCORDANCE WITH THE FOLLOWING TABLE.

| LISTED CFM | DIFFUSER SIZE | BRANCH DUCT SIZE |
|------------|---------------|------------------|
| 0-250 | 9x9 | 12x6 |
| 251-450 | 12x12 | 14x8 |
| 451-750 | 15x15 | *18x8 - 18x10 |
| 751-1000 | 18x18 | *20x10 - 22x10 |
| 1001-1350 | 21x21 | *24x10 - 30x10 |

* LARGER DUCT SIZE IS FOR HIGHER END OF CFM LISTED. ALL DUCTS ARE SIZED FOR 700 FPM.

2. RETURN/EXHAUST DUCTS AND REGISTERS

FOR SHEET METAL ESTIMATING PURPOSES, UNLESS NOTED OTHERWISE, ALL LOW PRESSURE EXHAUST DUCTWORK AND REGISTERS SHALL BE SIZED IN ACCORDANCE WITH THE FOLLOWING TABLE.

| LISTED CFM | REGISTER SIZE | BRANCH DUCT SIZE |
|------------|---------------|------------------|
| 0-200 | 8x8 | 12x6 |
| 201-300 | 10x10 | 12x8 |
| 301-450 | 12x12 | 14x8 |
| 451-600 | 14x14 | 16x8 |
| 601-800 | 18x18 | *20x8 - 20x10 |
| 801-1000 | 18x18 | *20x10 - 22x10 |
| 1001-1500 | 22x22 | *30x10 - 28x12 |

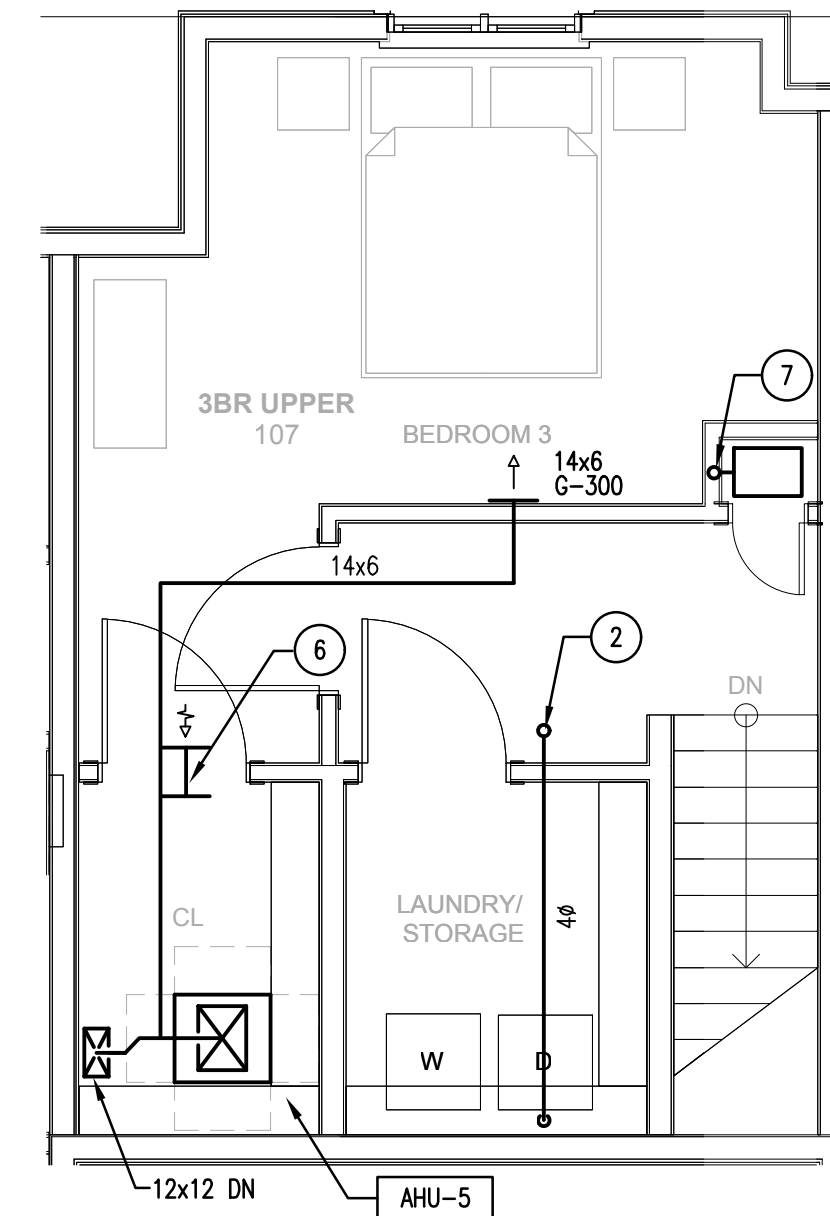
* LARGER DUCT SIZE IS FOR HIGHER END OF CFM LISTED. ALL DUCTS ARE SIZED FOR 700 FPM.

HVAC WORK NOTES

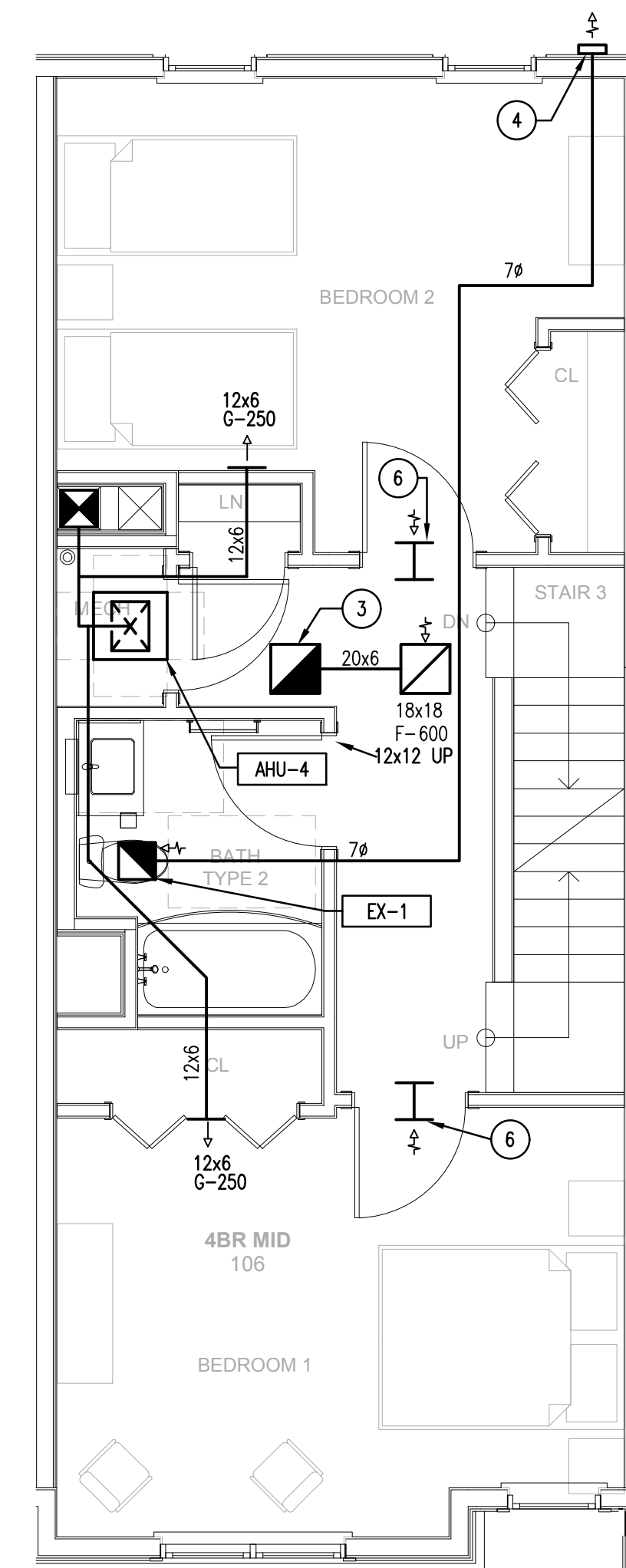
- 1 4" DRYER VENT UP THRU ROOF. PROVIDE INLINE FANTECH DBF110 DRYER BOOSTER FAN. PROVIDE ACCESS DOOR AT PRESSURE SWITCH. PROVIDE ROOF CAP.
- 2 DRYER EXHAUST DUCT RISER.
- 3 RETURN DUCT RISER.
- 4 12x12 SUPPLY DUCT RISER.
- 5 TOILET EXHAUST VENT. PROVIDE WALL CAP.
- 6 KITCHEN EXHAUST VENT. PROVIDE WALL CAP.
- 7 12x6 TRANSFER DUCT.
- 8 3"ø I.D. AND 4-1/2" O.D. CONCENTRIC VENT UP THRU ROOF.
- 9 14x6 DOWN

GENERAL NOTE:

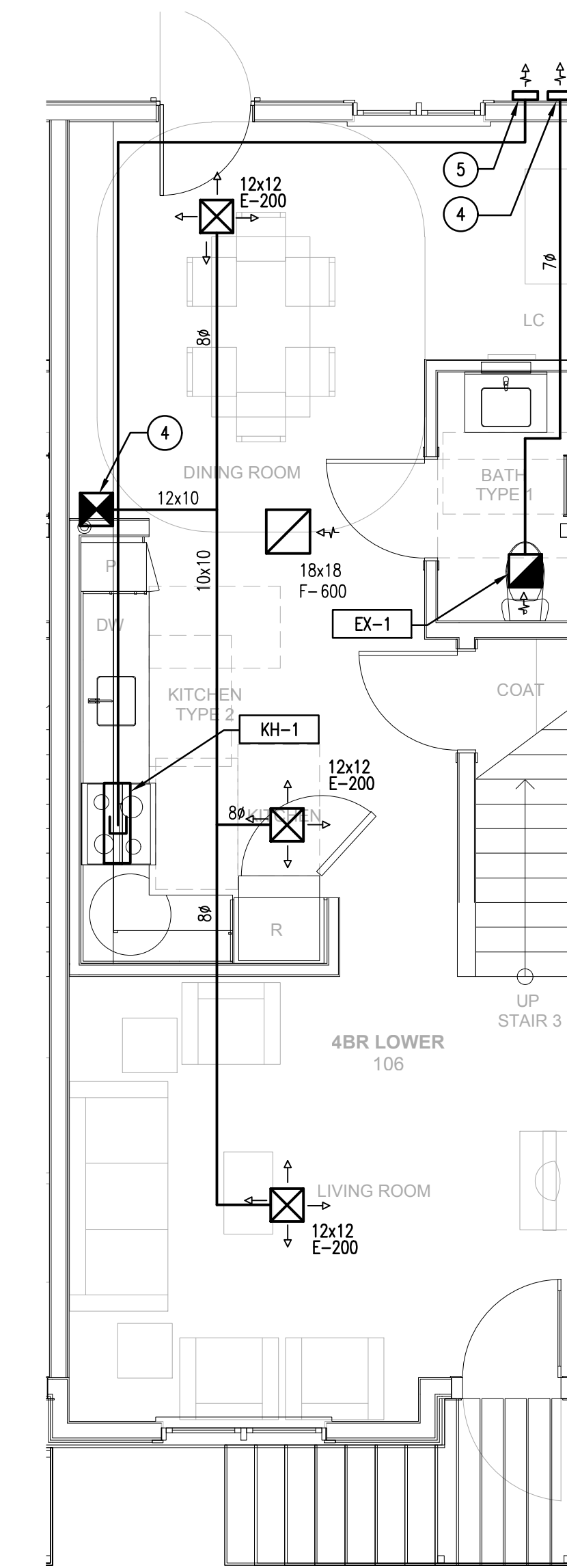
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.



3 TOWNHOUSE THIRD FLOOR PLAN - HVAC
SCALE: 1/4"=1'-0" (THREE BEDROOM TOWNHOUSE)



2 TOWNHOUSE SECOND FLOOR PLAN - HVAC
SCALE: 1/4"=1'-0" (THREE BEDROOM TOWNHOUSE)



1 TOWNHOUSE FIRST FLOOR PLAN - HVAC
SCALE: 1/4"=1'-0" (THREE BEDROOM TOWNHOUSE)

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



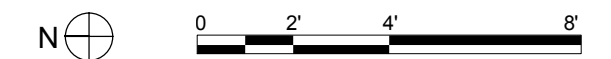
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| | | 09-15-2014 PERMIT/ PRICING |
| | | 06-13-2014 PRICING |
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| | | 09-19-2013 CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CEN/TEK #13232.01
DRAWN BY: KHS
CHECKED BY: FRC

SHEET TITLE

TYPICAL UNIT PLANS BUILDING A HVAC

H-203



HVAC WORK NOTES

- TOILET EXHAUST VENT. PROVIDE WALL CAP.
- DRYER EXHAUST VENT. PROVIDE WALL CAP.
- KITCHEN EXHAUST. PROVIDE WALL CAP.
- HYDRONIC BASEBOARD RADIATION WITH INTEGRAL THERMOSTAT.
- 12x6 TRANSFER DUCT
- 3" I.D. AND 4-1/2" O.D. CONCENTRIC VENT THRU SIDEWALL.
- 3" I.D. AND 4-1/2" O.D. CONCENTRIC VENT THRU ROOF.
- 4" DRYER VENT UP THRU ROOF. PROVIDE ROOF CAP.
- 4" DRYER VENT UP THRU ROOF. PROVIDE INLINE FANTECH DBF110 DRYER BOOSTER FAN. PROVIDE ACCESS DOOR AT PRESSURE SWITCH. PROVIDE ROOF CAP.
- 12x12 SUPPLY DUCT RISER.

GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

DIFFUSER, REGISTER AND BRANCH DUCT SIZING CHART

1. SUPPLY DUCTS AND DIFFUSERS
FOR SHEET METAL ESTIMATING PURPOSES, UNLESS NOTED OTHERWISE, ALL LOW PRESSURE SUPPLY DUCTWORK AND DIFFUSERS SHALL BE SIZED IN ACCORDANCE WITH THE FOLLOWING TABLE:

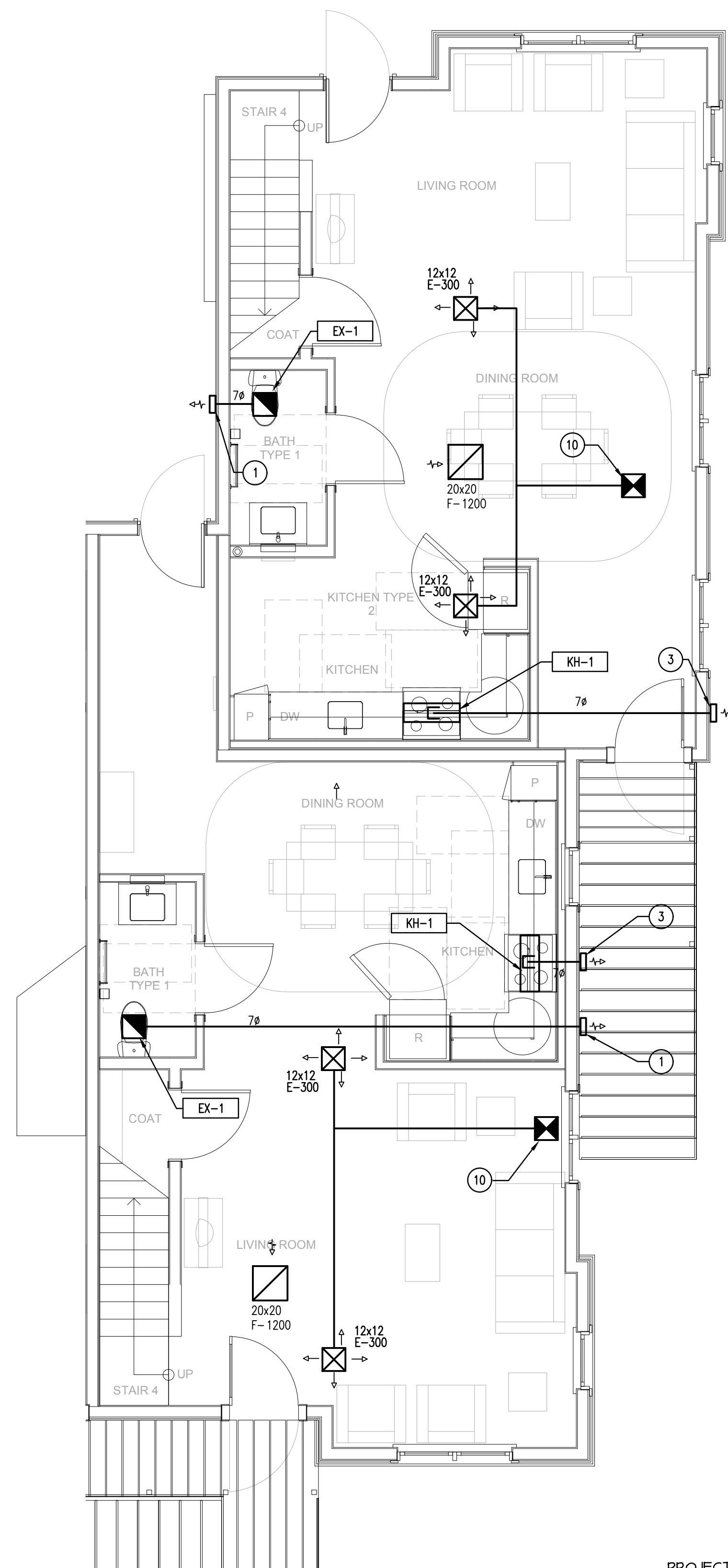
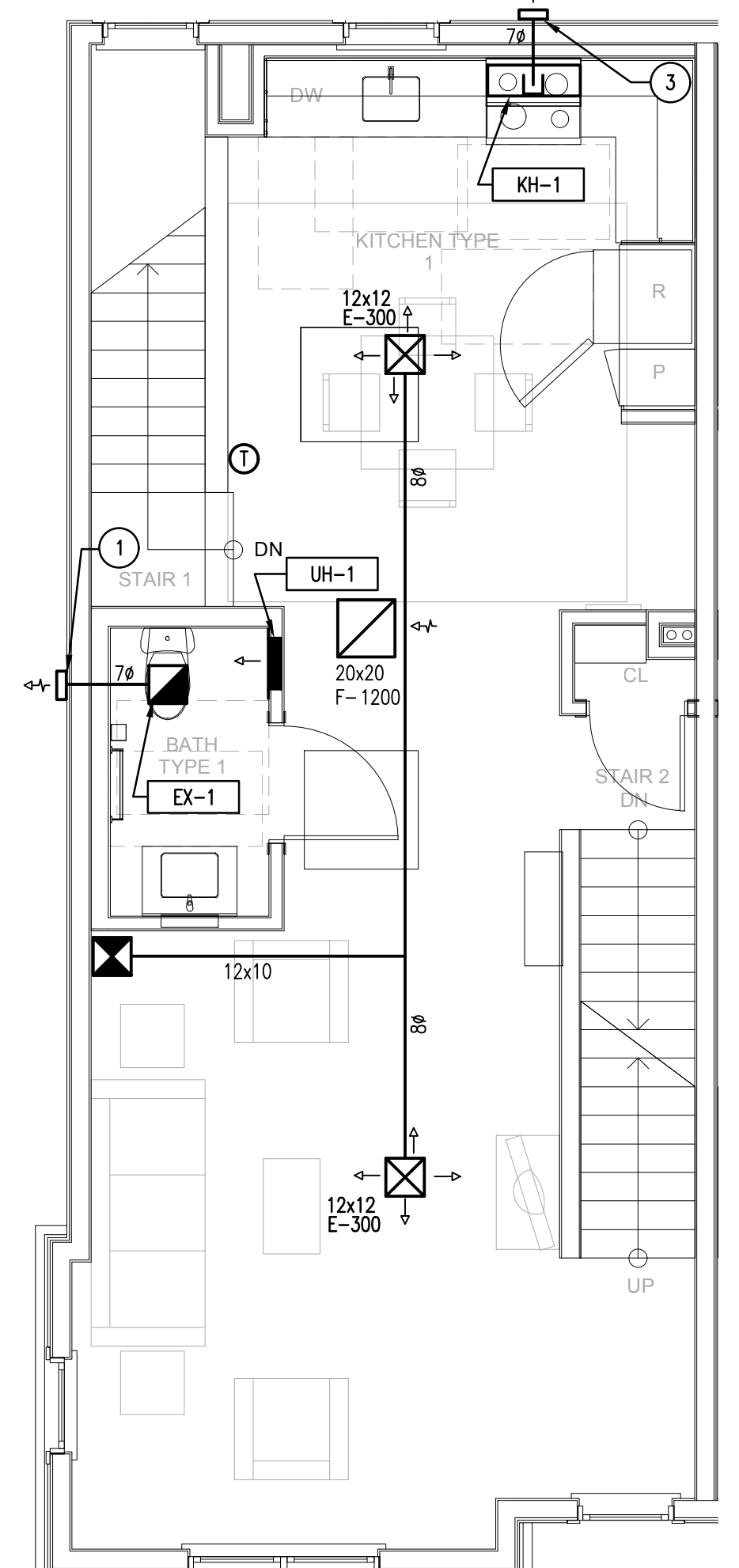
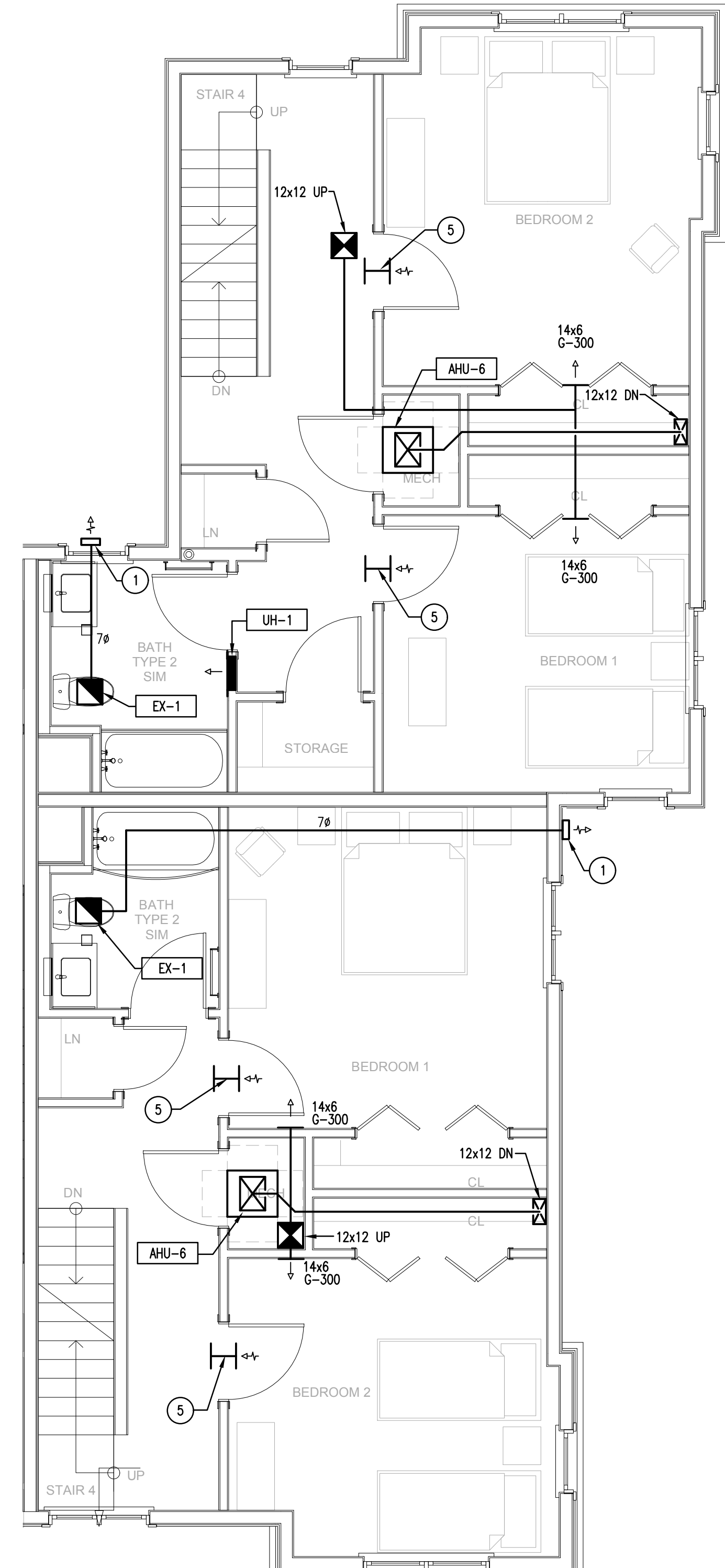
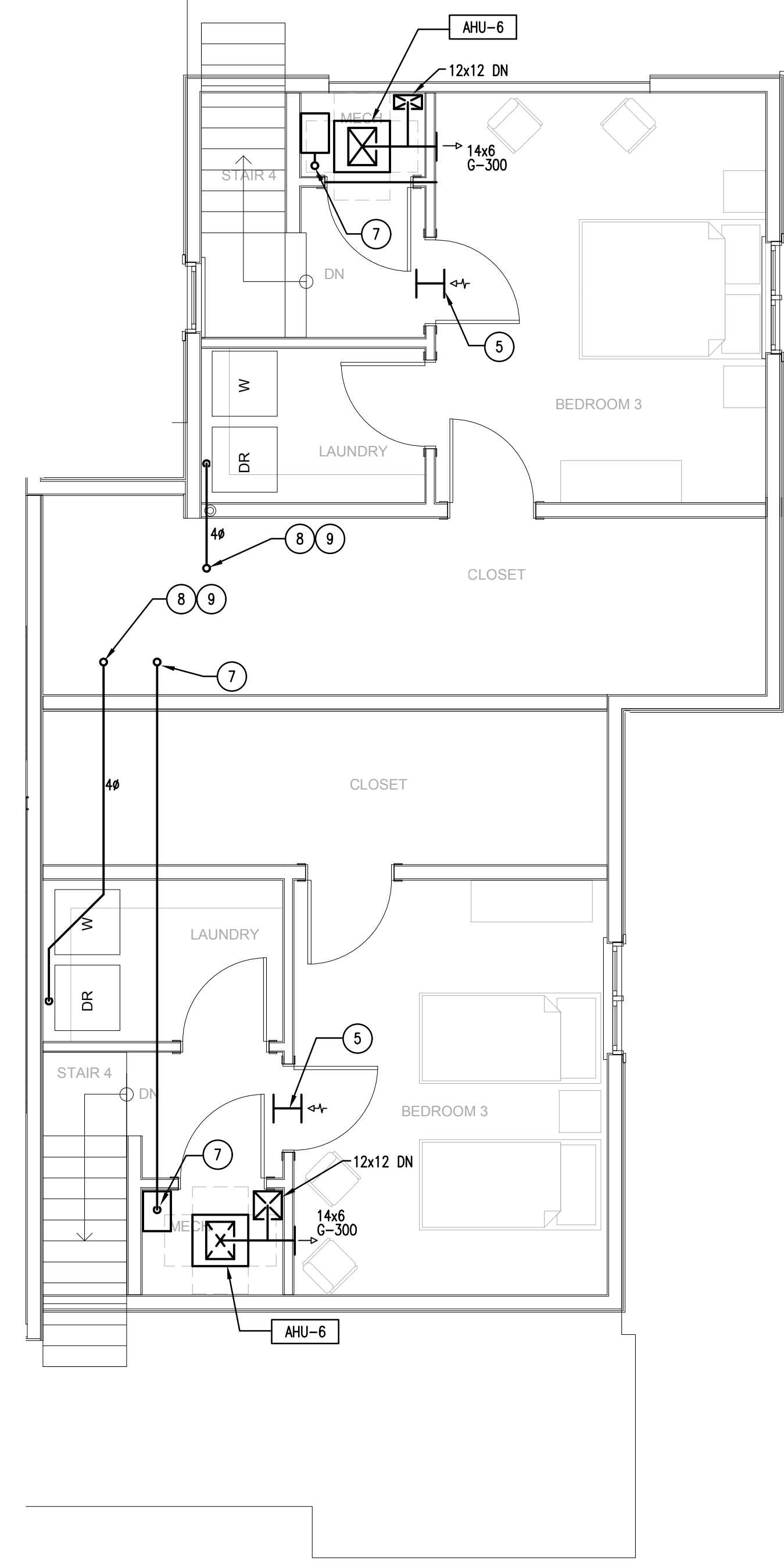
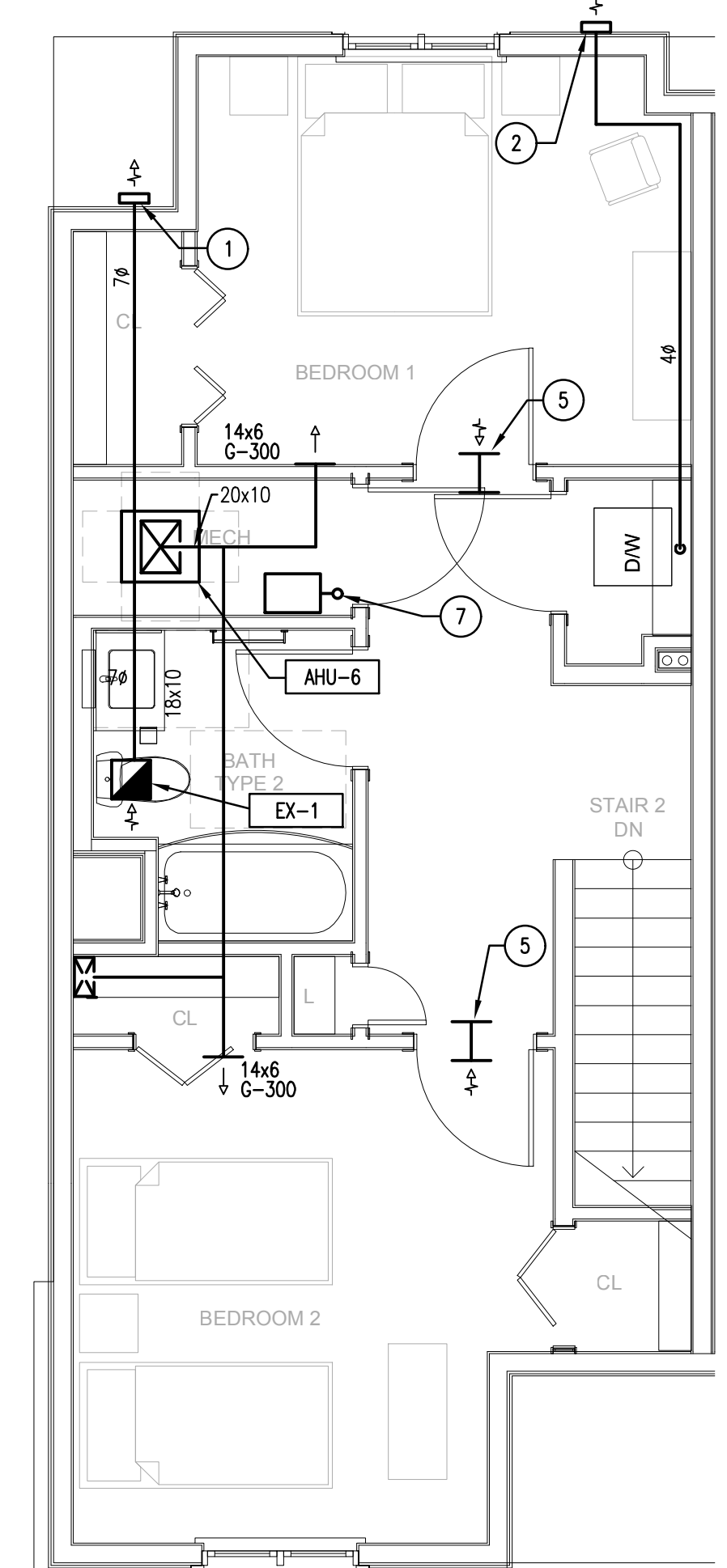
| LISTED CFM | DIFFUSER SIZE | BRANCH DUCT SIZE |
|------------|---------------|------------------|
| 0-250 | 9x9 | 12x6 |
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| 451-750 | 15x15 | *18x6 - 18x10 |
| 751-1000 | 18x18 | *20x10 - 22x10 |
| 1001-1350 | 21x21 | *24x10 - 30x10 |

* LARGER DUCT SIZE IS FOR HIGHER END OF CFM LISTED. ALL DUCTS ARE SIZED FOR 700 FPM.

2. RETURN/EXHAUST DUCTS AND REGISTERS
FOR SHEET METAL ESTIMATING PURPOSES, UNLESS NOTED OTHERWISE, ALL LOW PRESSURE EXHAUST DUCTWORK AND REGISTERS SHALL BE SIZED IN ACCORDANCE WITH THE FOLLOWING TABLE:

| LISTED CFM | REGISTER SIZE | BRANCH DUCT SIZE |
|------------|---------------|------------------|
| 0-200 | 8x8 | 12x6 |
| 201-300 | 10x10 | 12x8 |
| 301-450 | 12x12 | 14x8 |
| 451-600 | 14x14 | 16x8 |
| 601-800 | 18x18 | *20x6 - 20x10 |
| 801-1000 | 18x18 | *20x10 - 22x10 |
| 1001-1500 | 22x22 | *30x10 - 28x12 |

* LARGER DUCT SIZE IS FOR HIGHER END OF CFM LISTED. ALL DUCTS ARE SIZED FOR 700 FPM.



Washington Village Phase 1

13 Day Street Building A

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Trinity Washington Village Limited Partnership & the Norwalk Housing Authority



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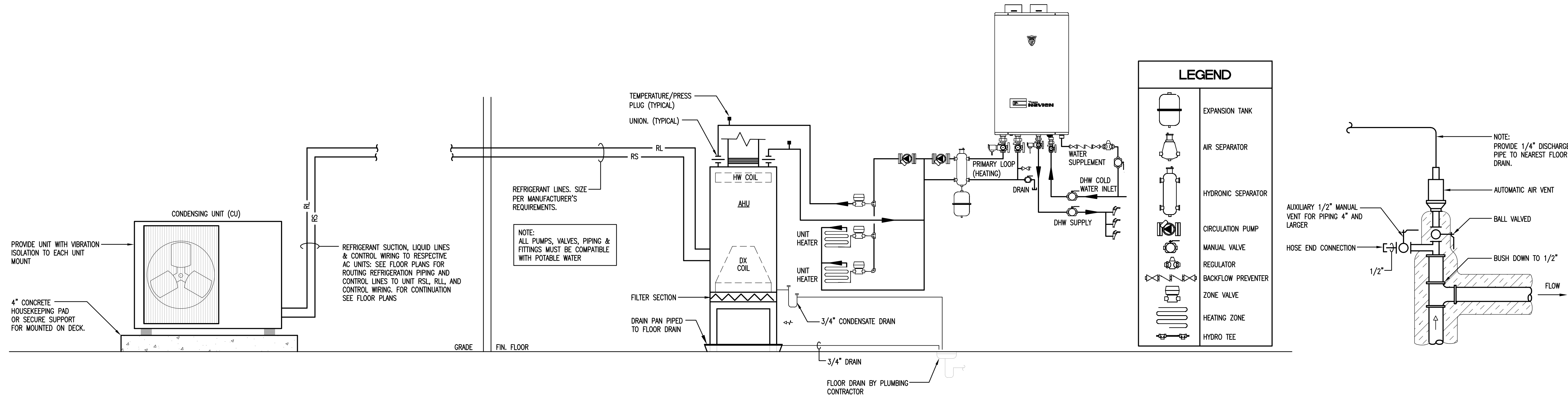
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| MARK | DATE DESCRIPTION |

PROJECT NO.: 21222/CEN TEK #13232.01
DRAWN BY: KHS
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SHEET TITLE

HVAC DETAILS

H-301

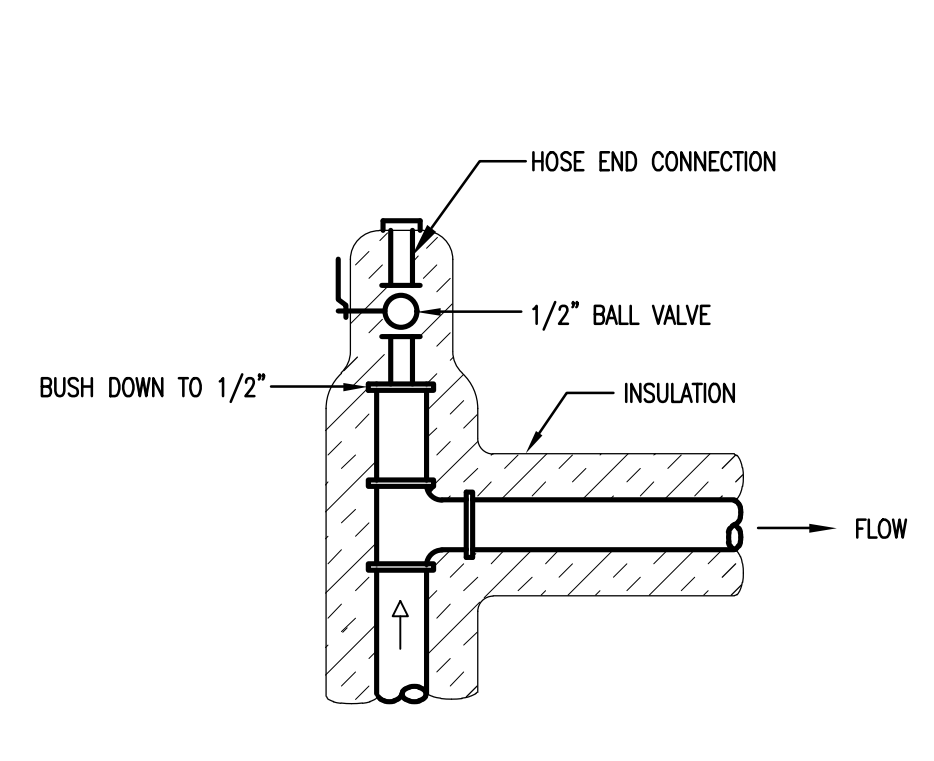


1 CONDENSING UNIT DETAIL
N.T.S.

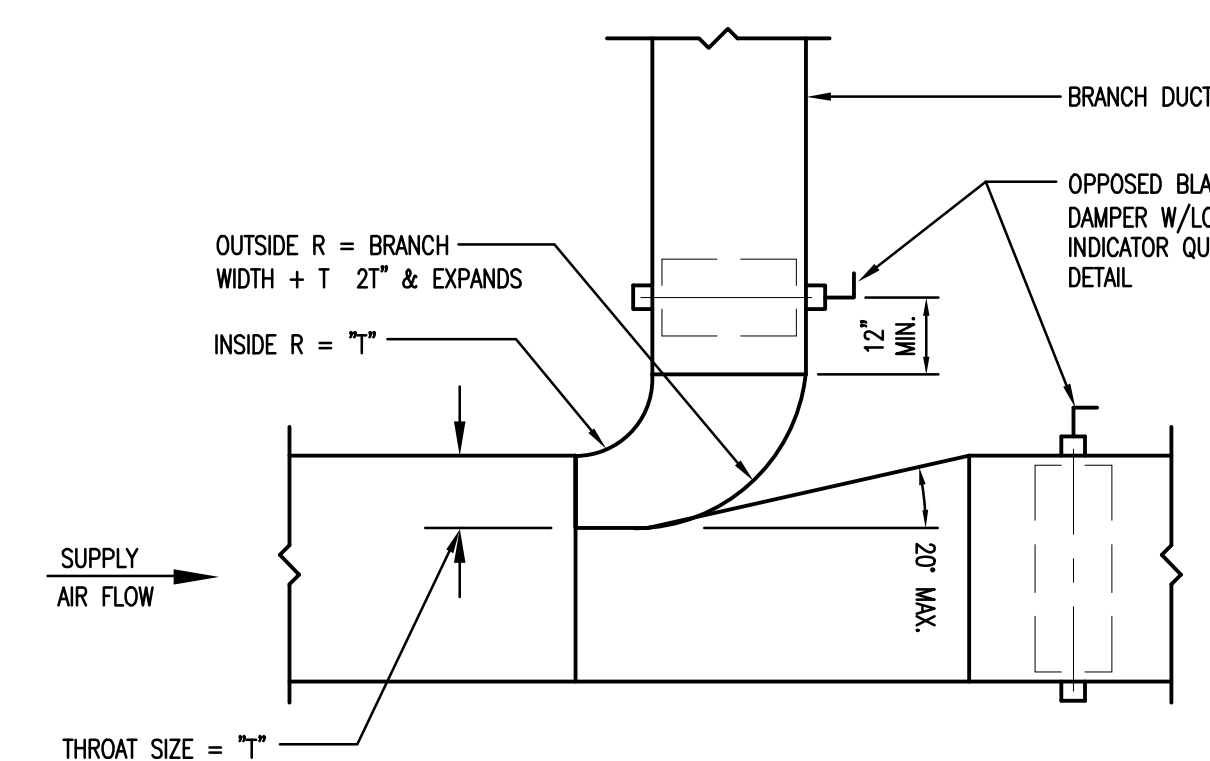
2 VERTICAL AIR HANDLING UNIT DETAIL
N.T.S.

3 WATER HEATER DETAIL
N.T.S.

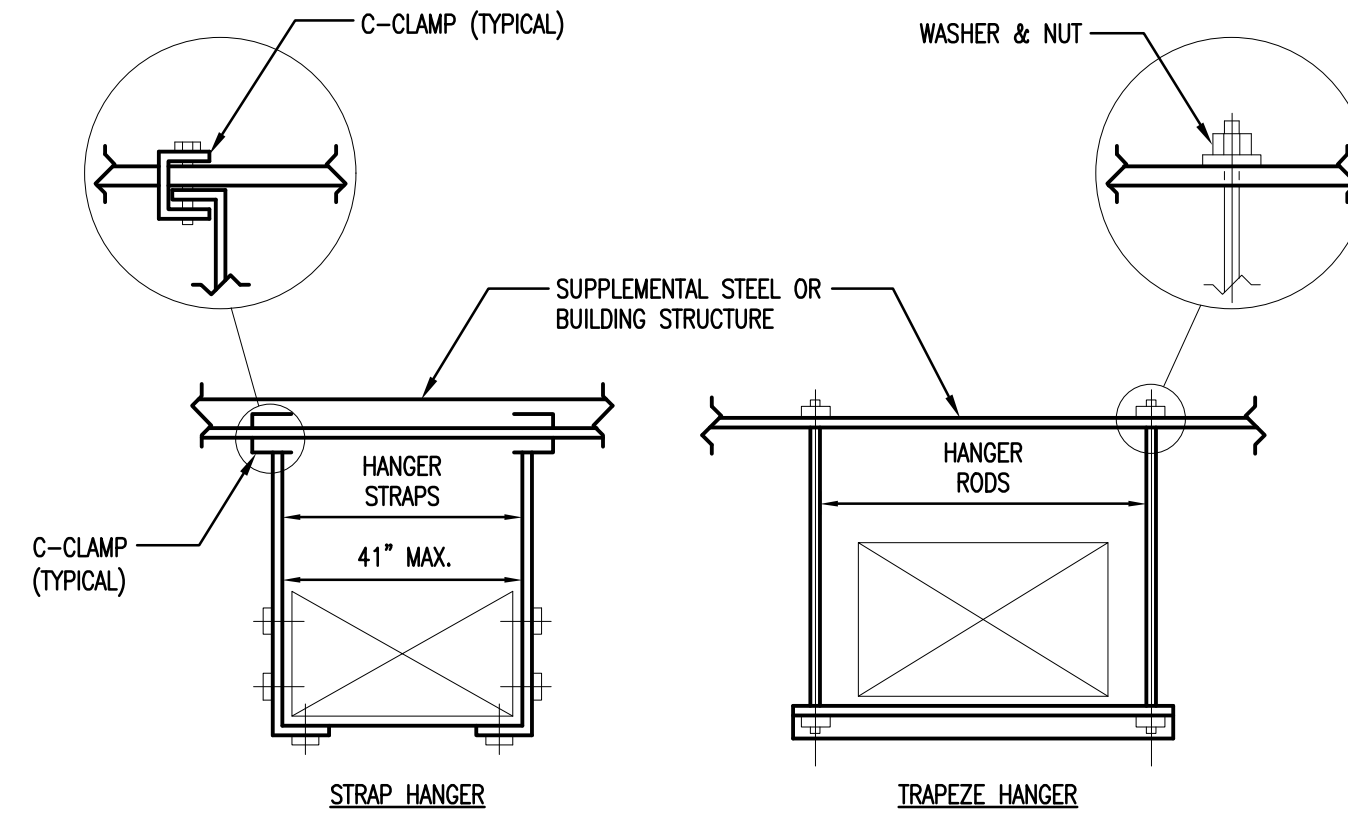
4 AUTOMATIC AIR VENT
N.T.S.



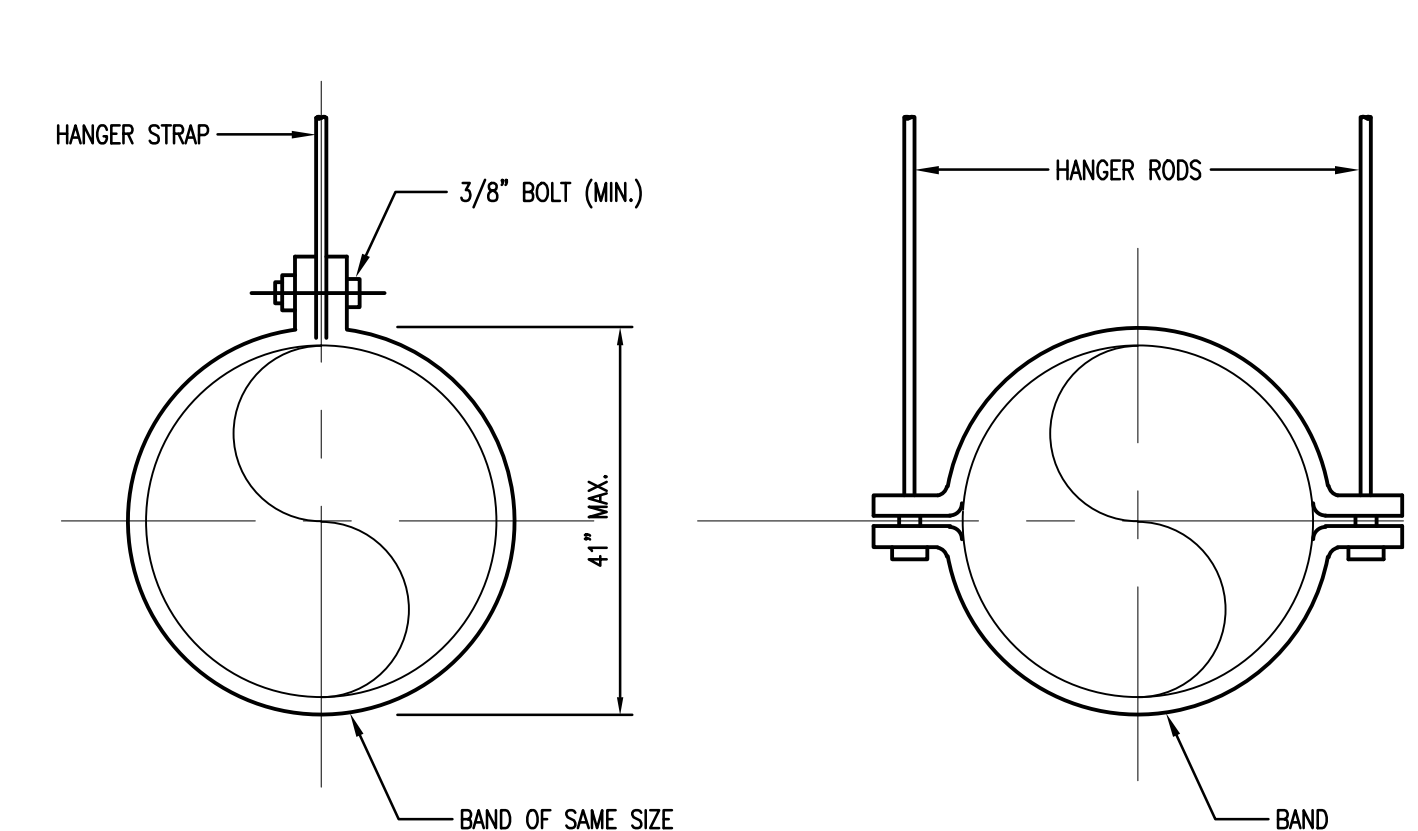
5 MANUAL AIR VENT
N.T.S.



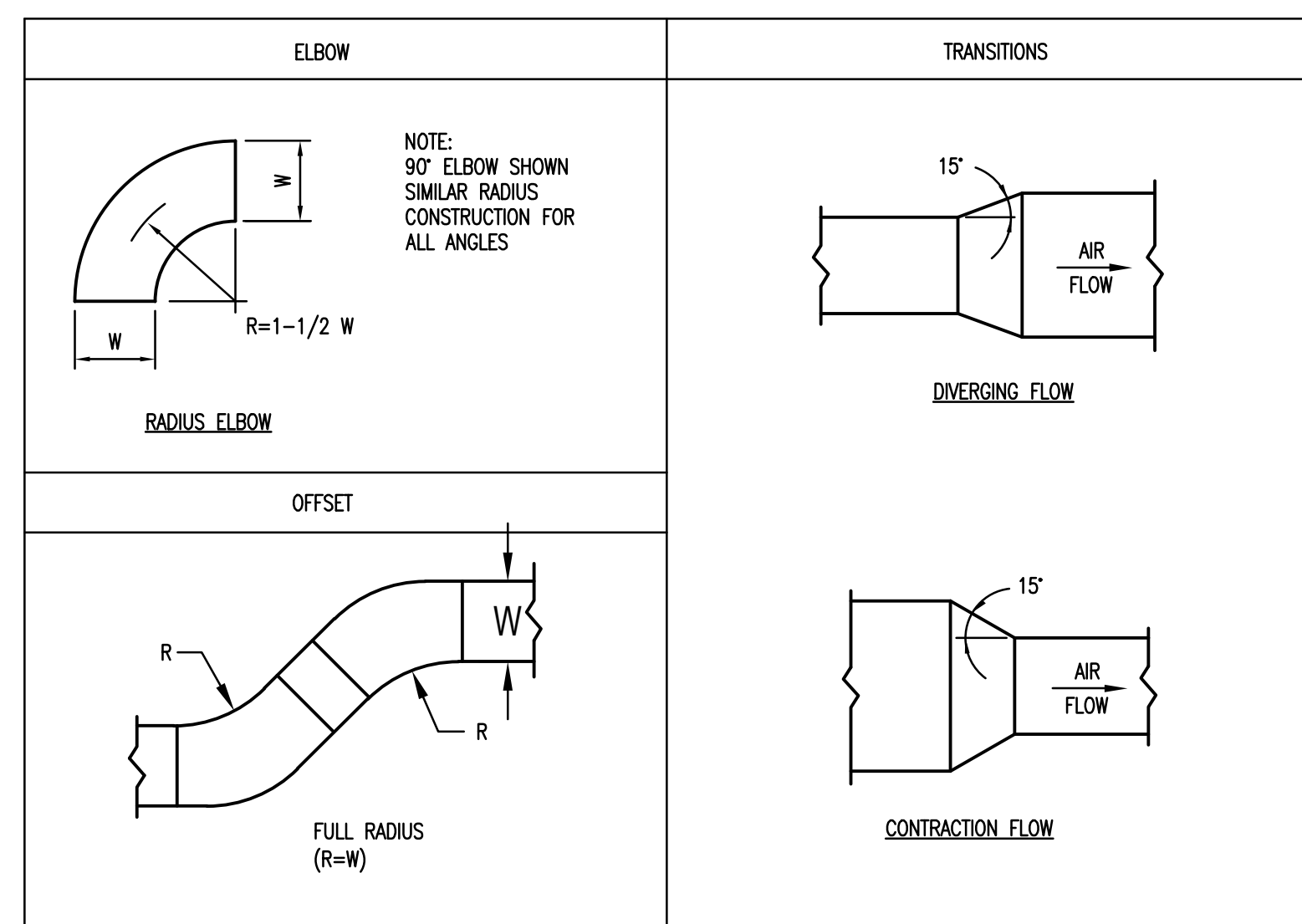
6 RECTANGULAR LOW PRESS. DUCT BRANCH W/THROAT AND VOLUME DAMPER
N.T.S.



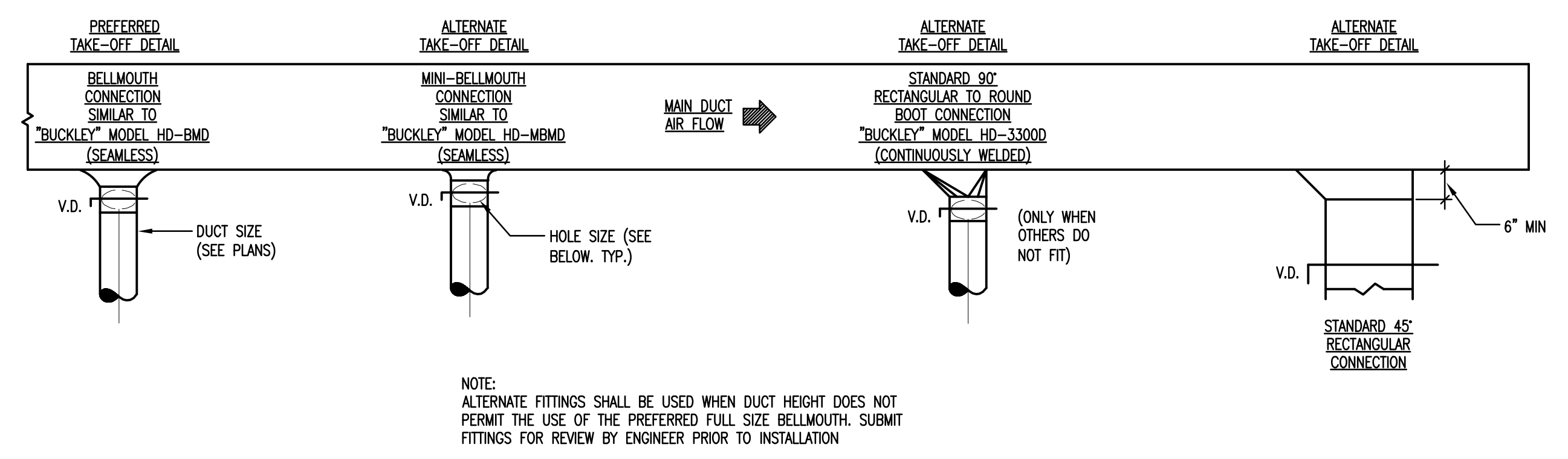
7 DUCT HANGER
N.T.S.



8 ROUND DUCT HANGERS
N.T.S.



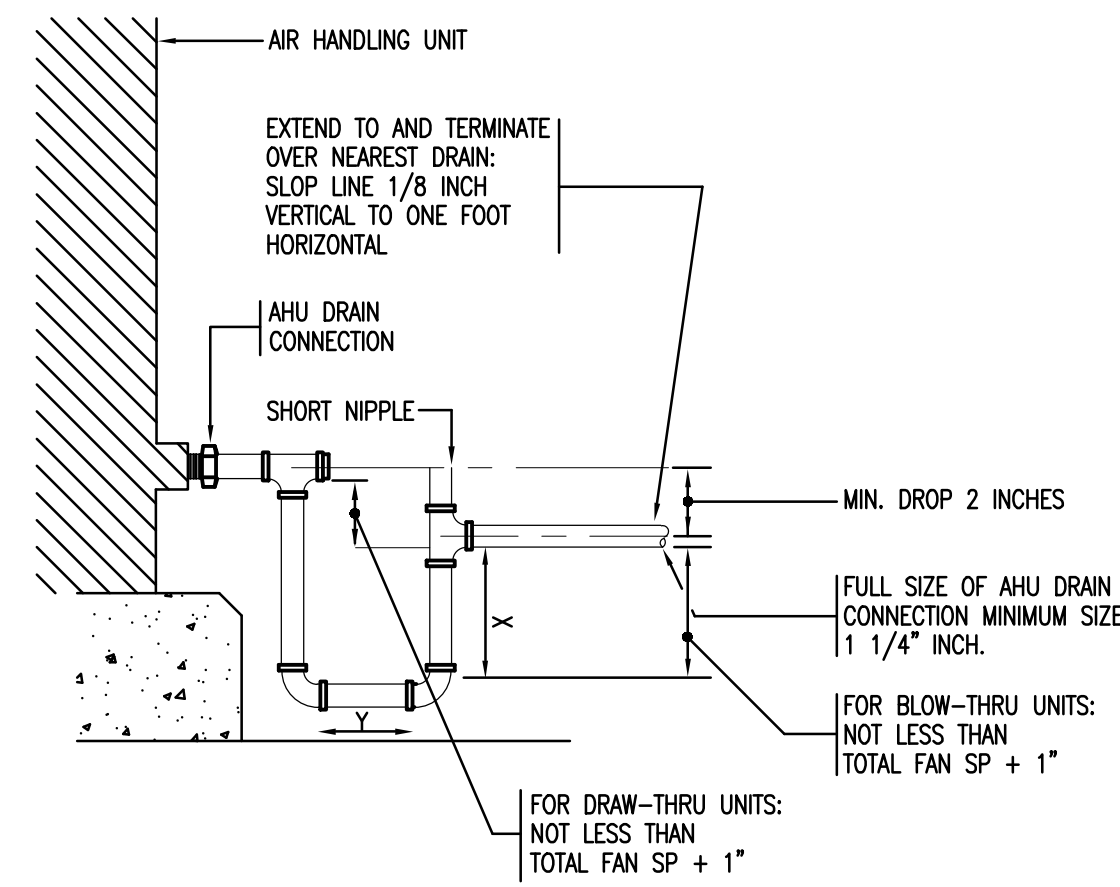
9 RECTANGULAR OR ROUND TRANSITIONS, OFFSETS AND ELBOWS
N.T.S.



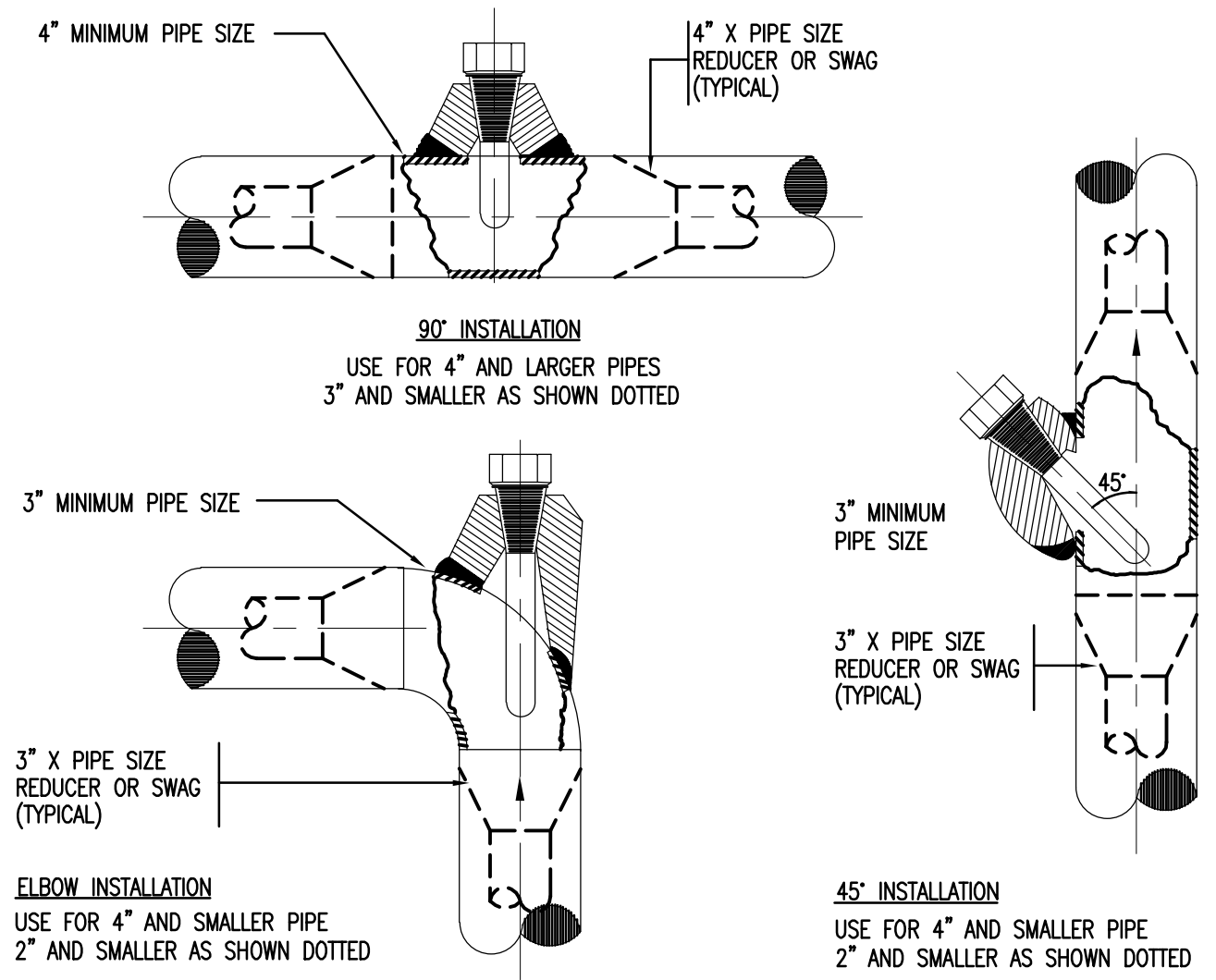
10 DUCT TAKEOFFS
N.T.S.

NOTE: ALTERNATE FITTINGS SHALL BE USED WHEN DUCT HEIGHT DOES NOT PERMIT THE USE OF THE PREFERRED FULL SIZE BELLMOUTH. SUBMIT FITTINGS FOR REVIEW BY ENGINEER PRIOR TO INSTALLATION.

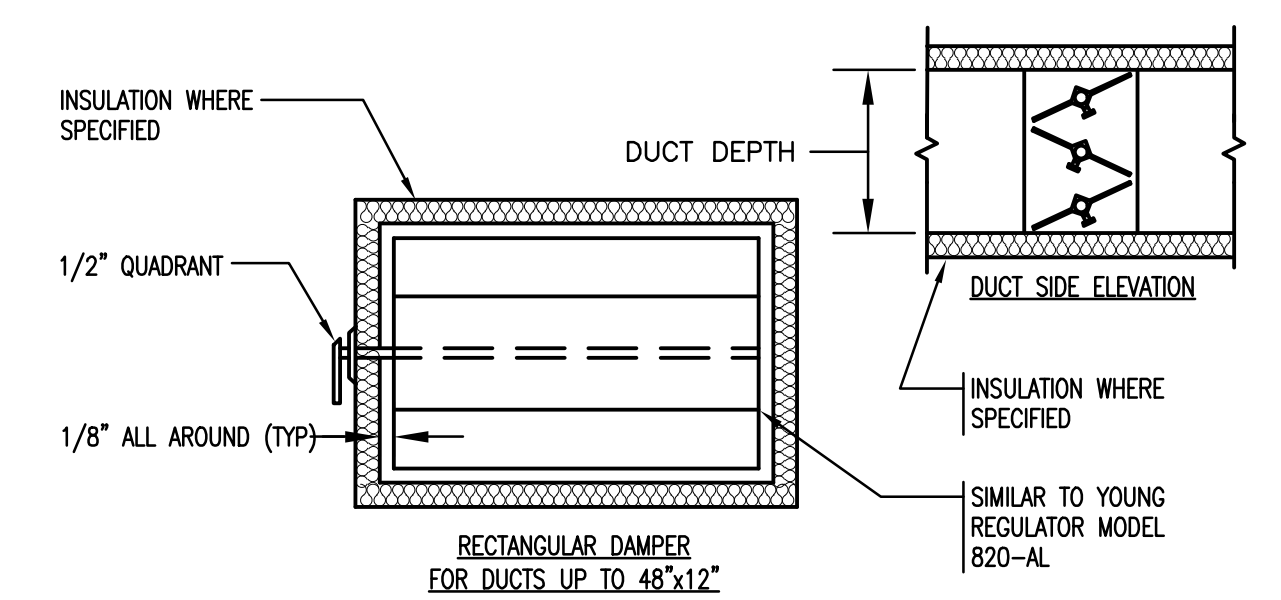
THIS DETAIL APPLIES TO SINGLE TAKEOFFS TO DIFFUSER AS WELL AS BRANCH TAKEOFFS. IT ALSO APPLIES TO TAKEOFFS IN THE HORIZONTAL AS WELL AS VERTICAL DIRECTION.



1 TYPICAL AIR HANDLING UNIT CASING DRAIN
N.T.S.

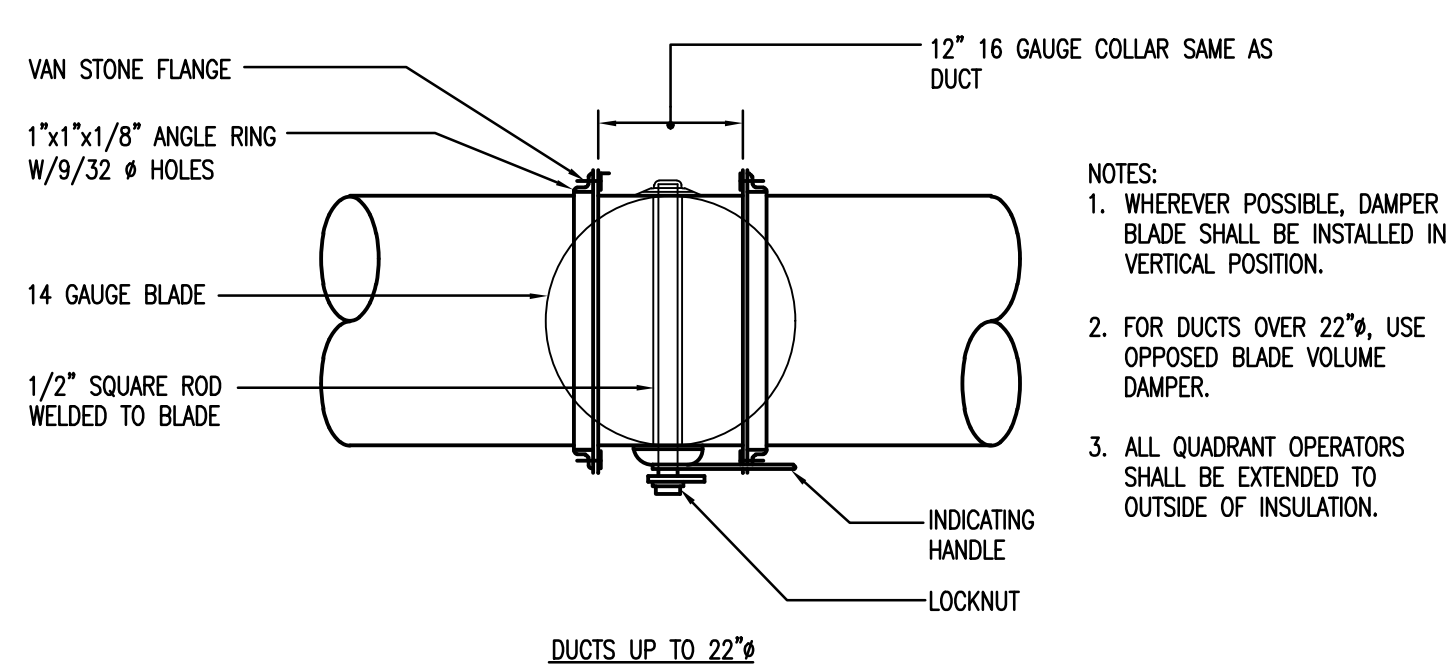
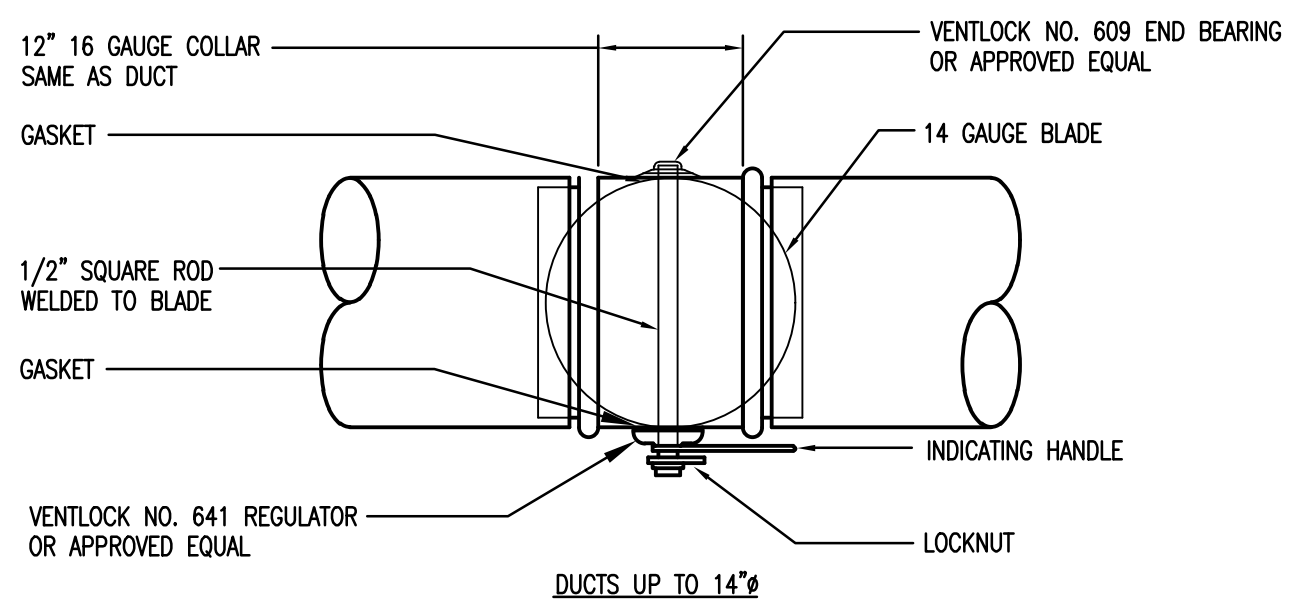


2 TYPICAL THERMOWELL INSTALLATION
N.T.S.



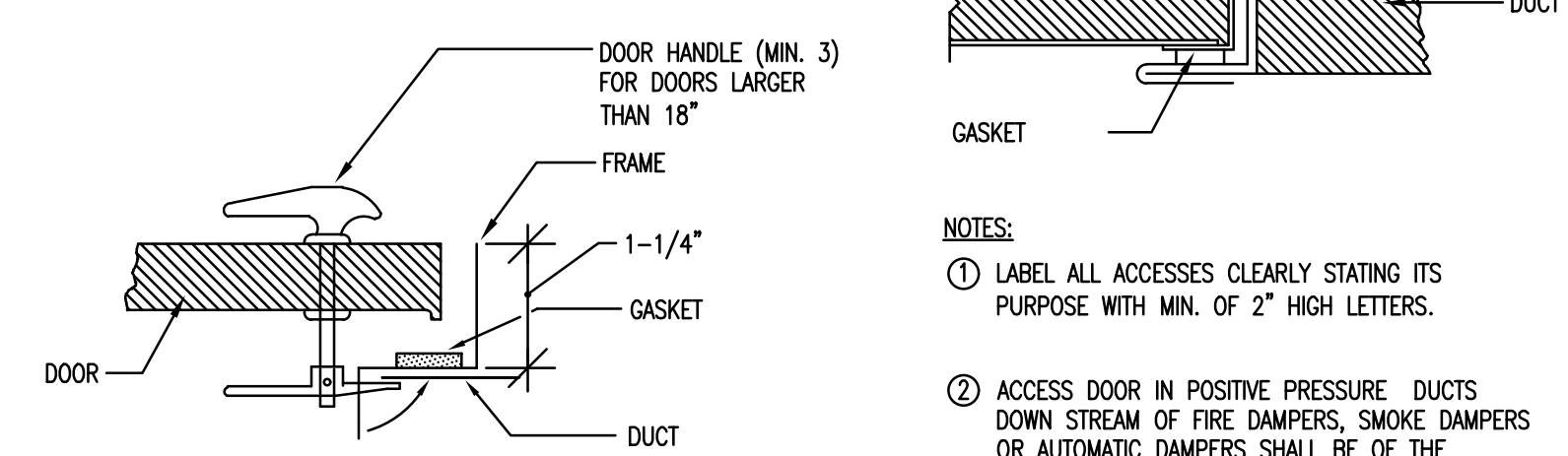
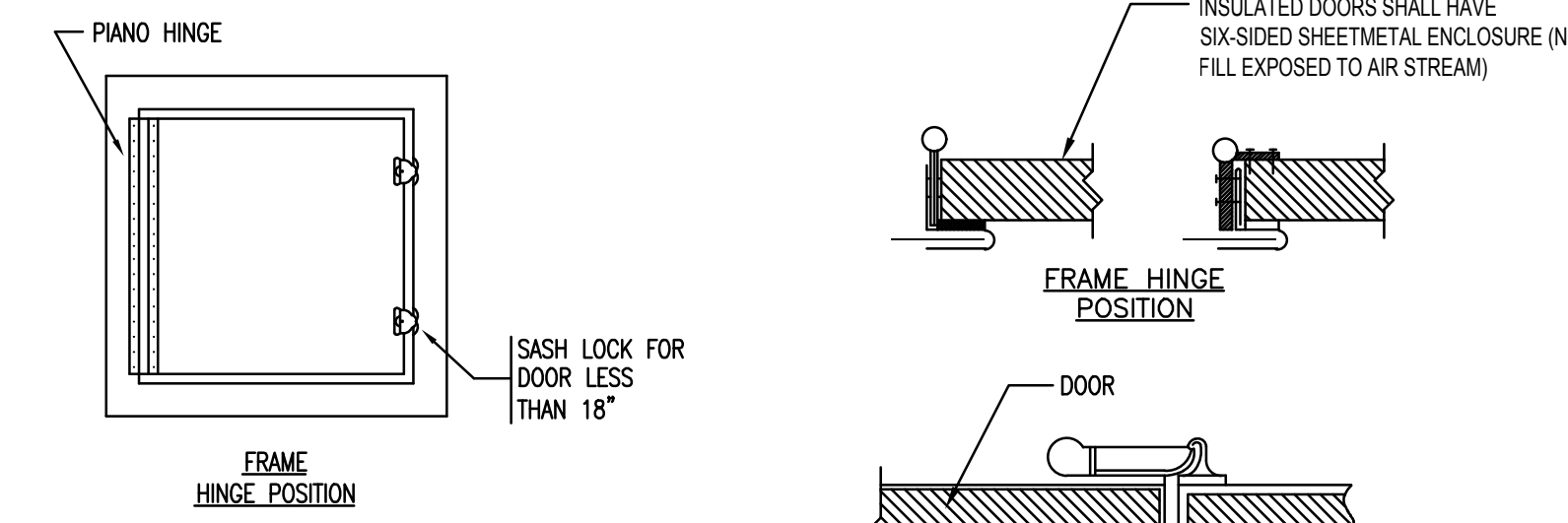
- NOTES:
- FOR RECTANGULAR DUCTS OVER 12" HIGH USE HIGH PRESSURE OBD.
 - ALL BRANCH DUCTS (SUPPLY, RETURN & EXHAUST) SHALL HAVE VOLUME DAMPERS, INCLUDING RUNOUTS TO DIFFUSERS.
 - ALL QUADRANT OPERATORS SHALL BE EXTENDED TO OUTSIDE OF INSULATION.
 - FOR DUCT UNDER 12" IN HEIGHT NOT EXCEEDING 2" PRESSURE CLASS.

3 VOLUME DAMPER
N.T.S.



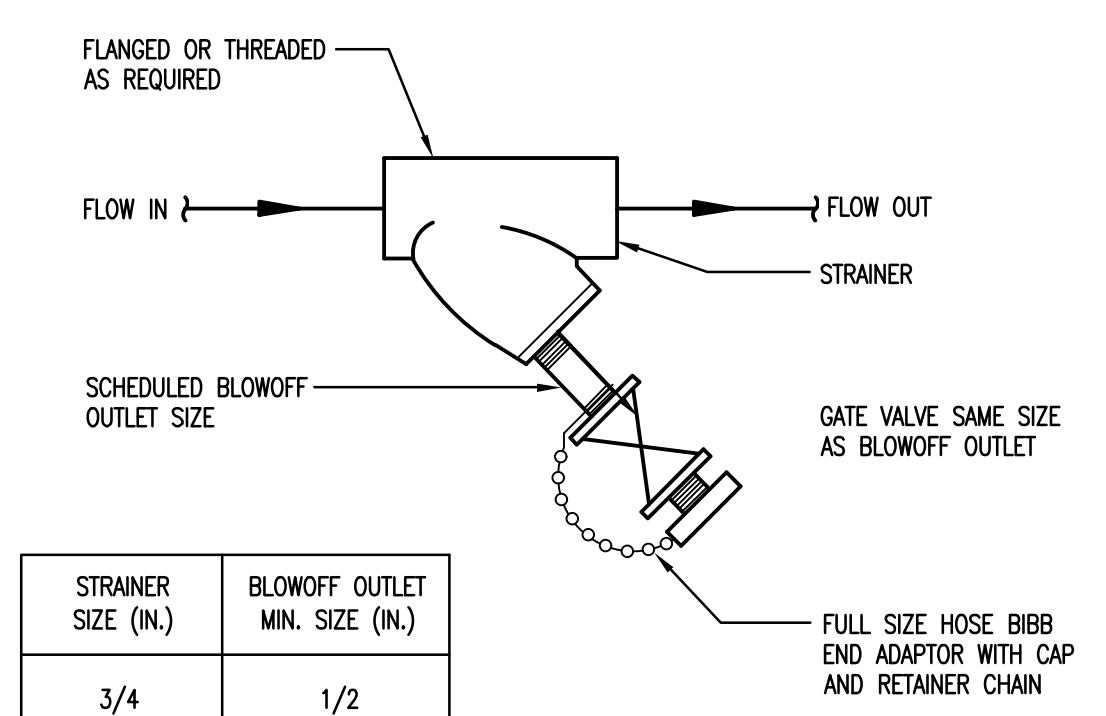
- NOTES:
- WHEREVER POSSIBLE, DAMPER BLADE SHALL BE INSTALLED IN VERTICAL POSITION.
 - FOR DUCTS OVER 22", USE OPPOSED BLADE VOLUME DAMPER.
 - ALL QUADRANT OPERATORS SHALL BE EXTENDED TO OUTSIDE OF INSULATION.

4 ROUND VOLUME DAMPER
N.T.S.



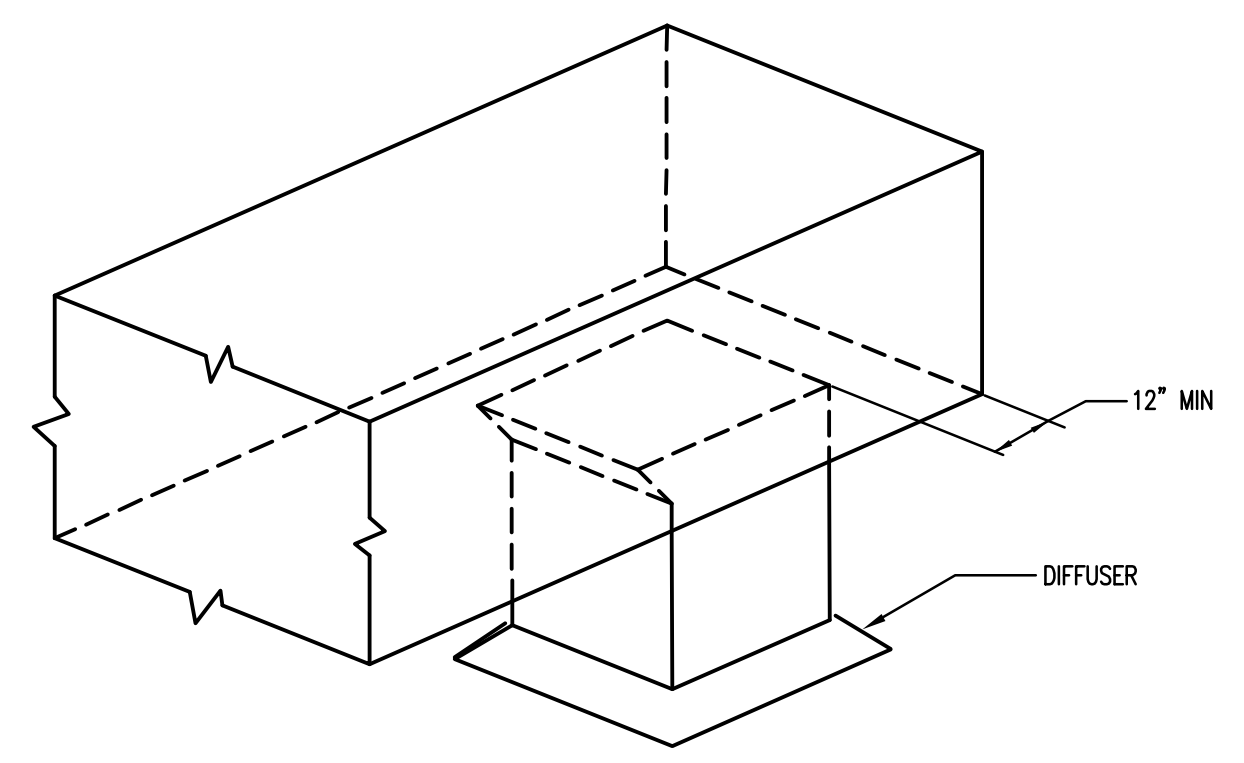
- NOTES:
- LABEL ALL ACCESSES CLEARLY STATING ITS PURPOSE WITH MIN. OF 2" HIGH LETTERS.
 - ACCESS DOOR IN POSITIVE PRESSURE DUCTS DOWN STREAM OF FIRE DAMPERS, SMOKE DAMPERS OR AUTOMATIC DAMPERS SHALL BE OF THE PRESSURE RELIEF TYPE THAT AUTOMATICALLY RESETS. THE DAMPERS SHALL ALLOW AIR TO FLOW INTO THE DUCT UNDER HIGH NEGATIVE STATIC.

5 DUCT ACCESS DOORS
N.T.S.



| STRAINER SIZE (IN.) | BLOWOFF OUTLET MIN. SIZE (IN.) |
|---------------------|--------------------------------|
| 3/4 | 1/2 |
| 1 TO 2-1/2 | 3/4 |
| 3 & 4 | 1 |
| 5 & ABOVE | 2 |

6 STRAINER ASSEMBLY
N.T.S.



7 RECTANGULAR DIFFUSER CONNECTOR
N.T.S.

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership & the Norwalk Housing Authority

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| | 09-15-2014 | PERMIT/ PRICING |
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

PROJECT NO.: 21222/CEN TEK #13232.01
DRAWN BY: KHS
CHECKED BY: FRC

SHEET TITLE

HVAC DETAILS

H-302

NOTIFICATION DEVICE

NOTIFICATION DEVICE LAYOUT BASED ON THE FOLLOWING:
 HORNS - 90 DBA
 STROBES - 15 CD BATHROOMS AND ROOMS SMALLER THAN 100 SF.
 75 CD ALL AREAS NOT REQUIRING 15 CD OR 110 CD.
 110 CD ROOMS LARGER THAN 400 SF.
 ADJUST PLACEMENT AND OUTPUT INTENSITY AS REQUIRED TO
 ACCOMMODATE FIELD CONDITIONS AND MEET CODE REQUIREMENTS. REFER
 TO PROJECT SPECIFICATIONS FOR MORE DETAILS.

ABBREVIATIONS

| | |
|-----------|---------------------------------------|
| A | AMPERES |
| AF | AMPERE FRAME (CIRCUIT BREAKER RATING) |
| AFB | ABOVE FINISHED FLOOR |
| AFG | ABOVE FINISHED GRADE |
| AC | AMPERE INTERRUPTING CAPACITY |
| AL | ALUMINUM |
| ARCH | ARCHITECT |
| AT | AMPERE TRIP (CIRCUIT BREAKER RATING) |
| ATC | AUTOMATIC TEMPERATURE CONTROL |
| AWG | AMERICAN WIRE GAUGE |
| BFC | BELOW FINISHED CEILING |
| BLDG | BUILDING |
| C | CONDUIT |
| CAT | CATALOG |
| C/B | CIRCUIT BREAKER |
| CIR | CIRCUIT |
| COL | COLUMN |
| CU | COPPER |
| DW | DISHWASHER |
| DWG | DRAWING |
| EC | EMPTY CONDUIT |
| F | FLUSH |
| FT | FEET |
| GD | GARBAGE DISPOSAL |
| G | GROUND |
| HPF | HIGH POWER FACTOR |
| JBOX/J.B. | JUNCTION BOX |
| KCMIL | ONE THOUSAND CIRCULAR MILS |
| KVA | KILOVOLT-AMPERES |
| KW | KILOWATTS |
| MCB | MAIN CIRCUIT BREAKER |
| MISC | MISCELLANEOUS |
| MLO | MAIN LUGS ONLY |
| NC | NORMALLY CLOSED |
| NEC | NATIONAL ELECTRICAL CODE |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |
| P | POLE |
| PVC | POLYVINYL CHLORIDE |
| R | RECESSED |
| S | SURFACE |
| SP | SPARE |
| SW | SWITCH |
| TEL | TELEPHONE |
| V | VOLT |
| Y | WYE |
| W | WATT |
| XFMR | TRANSFORMER |

SYMBOL LIST

MOUNTING HEIGHTS SHALL BE AS INDICATED UNLESS SHOWN OTHERWISE
 ON ELECTRICAL DRAWINGS OR ARCHITECTURAL ELEVATIONS

RACEWAYS AND WIRING

L43/1,3 HOMERUN TO PANELBOARD. "L43" INDICATES PANEL, "1,3" INDICATES CIRCUIT NUMBERS, (20A, 1P, UNLESS INDICATED OTHERWISE)

NOTES:

- GREEN GROUND CONDUCTOR NOT INDICATED BUT SHALL BE INCLUDED IN EACH RACEWAY. SIZE SHALL BE #12AWG UNLESS INDICATED OTHERWISE.
- HOMERUNS TO PANELBOARDS SHALL HAVE A MAXIMUM OF THREE (3) PHASE CONDUCTORS (ONE PER PHASE) PLUS NEUTRAL AND GROUND CONDUCTORS IN EACH CONDUIT.

LIGHTING FIXTURES

| | |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | FLUORESCENT LIGHTING FIXTURE CEILING OR RECESSED MOUNTED. "F1" INDICATES FIXTURE TYPE, "2" INDICATES CIRCUIT NUMBER, "G" INDICATORS SWITCH CONTROL, "•" INDICATES WIRED TO LIFE SAFETY, HALF SHADED INDICATES BATTERY BACKUP. |
| | UNDERCOUNTER TASK LIGHT |
| | RECESSED OR SURFACE MOUNTED LIGHTING FIXTURE, SOLID FILL INDICATES WIRED TO LIFE SAFETY. |
| | FLUORESCENT BARE LAMP STRIP OR INDUSTRIAL STRIP "•" INDICATES WIRED TO LIFE SAFETY. |
| | WALL WASH OR DIRECTIONAL LIGHTING FIXTURE. |
| | CEILING MOUNTED ILLUMINATED EXIT SIGN, ARROWS AS INDICATED ON DRAWINGS. |
| | SITE LIGHTING FIXTURE. |

TOGGLE SWITCHES (MOUNTED 48" AFF)

| | |
|--|------------------------------------------------------------------|
| | SINGLE POLE TOGGLE SWITCH. "S" INDICATES FIXTURE CONTROL |
| | THREE WAY TOGGLE SWITCH |
| | SINGLE POLE SWITCH FOR DUPLEX RECEPTACLE "LA" INDICATES LAMP |
| | SINGLE POLE TOGGLE SWITCH WITH PILOT LIGHT |
| | SINGLE POLE TOGGLE SWITCH FOR GARBAGE DISPOSAL |
| | AUBIE SWITCH FOR FAN CONTROL |
| | DIMMER SWITCH, "3" INDICATES 3-WAY. |
| | OCCUPANCY SENSOR SWITCH. SENSORSWITCH MODEL #: WSD-PDT |
| | CEILING MOUNTED OCCUPANCY SENSOR. SENSORSWITCH MODEL #: CM-PDT-9 |

RECEPTACLES (MOUNTED 18" AFF)

| | |
|--|----------------------------------------------------------------------------------------------------------------|
| | DUPLEX RECEPTACLE, "R21" INDICATES PANEL, "2" INDICATES CIRCUIT NUMBER, "E" INDICATES WIRED TO EMERGENCY PANEL |
| | DUPLEX RECEPTACLE MOUNTED 8" ABOVE COUNTER TOP |
| | DUPLEX RECEPTACLE WITH INTEGRAL GROUND FAULT INTERRUPTER. "WP" INDICATES WEATHERPROOF. |
| | DUPLEX RECEPTACLE WITH INTEGRAL GROUND FAULT INTERRUPTER MOUNTED 8" ABOVE COUNTER TOP |
| | DOUBLE DUPLEX RECEPTACLE WITH INTEGRAL GROUND FAULT INTERRUPTER "CT" INDICATES COUNTER TOP MOUNTED |
| | DOUBLE DUPLEX RECEPTACLE |
| | SIMPLEX RECEPTACLE FOR REFRIGERATOR |
| | OUTLET TO SUIT EQUIPMENT |
| | 30A, 240V, DRYER RECEPTACLE. PROVIDE (3) #10 AWG, (1) #10 AWG GROUND. |
| | 50A, 240V, STOVE RECEPTACLE. PROVIDE (3) #6 AWG, (1) #6 AWG GROUND. |
| | 1/2 SWITCHED DUPLEX RECEPTACLE "LA" INDICATES LAMP |

CALL SYSTEM

| | |
|--|---------------------------|
| | DOMELIGHT CEILING MOUNTED |
| | BATHROOM PULL CORD |
| | TRANSFORMER |

POWER DISTRIBUTION EQUIPMENT

| | |
|--|---------------------------------------------------------------------------------------------------------------------------------|
| | PANELBOARD, SURFACE MOUNTED |
| | PANELBOARD, FLUSH MOUNTED |
| | JUNCTION BOX, SIZED PER NEC AND EQUIPMENT VENDOR (REFER TO ARCHITECTURAL AND EQUIPMENT VENDORS' DRAWINGS FOR SIZE AND LOCATION) |

MISCELLANEOUS

| | |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------|
| | JUNCTION BOX SIZED PER NEC. "AD" INDICATES AUTO DOOR |
| | JUNCTION BOX SIZED PER NEC. "GD" INDICATES GARBAGE DISPOSAL |
| | JUNCTION BOX SIZED PER NEC. "DW" INDICATES DISH WASHER. PROVIDE ADJACENT DISCONNECT TOGGLE SWITCH IN ACCESSIBLE LOCATION. |
| | JUNCTION BOX SIZED PER NEC. "ATC" INDICATES CONNECTION FOR AUTOMATIC TEMPERATURE CONTROL |
| | JUNCTION BOX SIZED PER NEC. "AU" INDICATES CONNECTION FOR BATHROOM EXHAUST FAN, CONTROLLED BY AUBIE SWITCH. |
| | NON FUSED DISCONNECT SWITCH |
| | FUSED DISCONNECT SWITCH |
| | COAXIAL CABLE TV OUTLET |
| | TELCO TERMINAL BOX |
| | CABLE TV EQUIPMENT BOX |
| | NET MEDIA CENTER (I.E.C. MINI DISTRIBUTION CENTER) WITH ADJACENT DOUBLE DUPLEX RECEPTACLE. LOCATE NEAR CEILING. "2" INDICATES CIRCUIT NUMBER. |
| | MASTER INTERCOM DEVICE (PROVIDE WITH VISUAL NOTIFICATION IN HEARING IMPAIRED UNITS.) |
| | TENANT INTERCOM DEVICE |
| | INTERCOM CONTROL PANEL |
| | DOOR BELL CHIME. "V" INDICATES DEVICE HAS AUDIO AND VISUAL NOTIFICATION. |
| | DOOR BELL PUSH BUTTON |
| | DOORBELL TRANSFORMER |
| | SECURITY SYSTEM KEYPAD |
| | SECURITY SYSTEM CONTROL PANEL |
| | SECURITY SYSTEM MOTION DETECTOR |
| | WINDOW CONTACT/ BREAK |
| | DOOR CONTACT BREAK |
| | SECURITY SYSTEM SIREN |
| | PUSH PLATE |
| | RELAY MODULE |
| | TIME CLOCK FOR SITE LIGHTING |
| | PHOTOCCELL FOR SITE LIGHTING CONTROL |

FIRE ALARM SYSTEM

| | |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------|
| | FIRE ALARM PULL STATION |
| | HEAT DETECTOR |
| | PHOTOELECTRIC SMOKE DETECTOR |
| | PHOTOELECTRIC SMOKE DETECTOR WITH ADJACENT CARBON MONOXIDE DETECTOR. (PROVIDE TWO SEPARATE DETECTORS. COMBINATION DETECTOR IS NOT PERMITTED.) |
| | PHOTOELECTRIC SMOKE DETECTOR FOR ELEVATOR RECALL. |
| | AUDIO/VISUAL FIRE ALARM, "V" INDICATES VISUAL ONLY, "WP" INDICATES WEATHERPROOF. |
| | FIRE ALARM CONTROL PANEL |
| | FIRE ALARM REMOTE ANNUNCIATOR |
| | FIRE ALARM MONITOR MODULE |
| | FIRE ALARM CONTROL MODULE |
| | TAMPER SWITCH |
| | FLOW SWITCH |
| | SPRINKLER BELL |

TELECOMMUNICATIONS (MOUNTED 18" AFF)

| | |
|--|----------------------------------------------------------------------------------|
| | TELEPHONE OUTLET. "W" INDICATES MOUNTED 48" AFF |
| | COMBINATION TELEPHONE/DATA OUTLET - "CT" INDICATES MOUNTED 8" ABOVE COUNTER TOP. |

BRANCH CIRCUIT WIRING NOTES :

- WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
- WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
- ALL SWITCH CONTROLS SHALL BE PROVIDED WITH WIRING AND CONDUIT AS REQUIRED.
- ALTHOUGH ALL BRANCH CIRCUIT WIRING AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
- A GREEN GROUNDING CONDUCTOR SHALL BE RUN WITH ALL CIRCUITS. VERIFY CONDUIT SIZE TO ENSURE IT CAN ACCOMMODATE ALL PHASE, NEUTRAL AND GROUND CONDUCTORS.
- MINIMUM CONDUCTOR SIZE SHALL BE 12 AWG. COPPER.

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| 11-18-2013 | 40% CHFA | |
| 09-19-2013 | CAM/ SPECIAL PERMIT | |
| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CENTEK #13232.01
 DRAWN BY: TJB
 CHECKED BY: CKD

SHEET TITLE

**ELECTRICAL LEGEND
AND NOTES**

E-001

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GENERAL NOTES

1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK REQUIRED FOR A COMPLETE, FULLY OPERABLE INSTALLATION. ALL WORK TO BE DONE IN ACCORDANCE WITH THE LATEST APPROVED ISSUE OF THE NEC AND APPLICABLE LOCAL CODES.
2. THE DRAWINGS SHOW THE GENERAL LAYOUT AND SOME OF THE DETAIL, BUT THEY DO NOT SHOW EVERY FITTING, BEND, ... ETC. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SUCH MATERIALS TO MAKE A COMPLETE INSTALLATION.
3. DO NOT SCALE DRAWINGS; ACTUAL FIELD MEASUREMENTS AND DIMENSIONS TAKE PRECEDENCE IN ALL CASES.
4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD GENERAL CONDITIONS OF THE CONSTRUCTION CONTRACT, IIA DOCUMENT 201, LATEST EDITION.
5. ELECTRICAL CONTRACTOR SHALL INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND OR REQUIREMENTS FOR PROPER OPERATION AND MAINTENANCE.
6. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING OF ALL PHASES OF THE WORK AND TO DEMONSTRATE TO OWNER THAT THE EQUIPMENT IS IN FULL OPERATING ORDER.
7. THE SCOPE OF WORK IS AS SHOWN ON THE PLANS AND DETAILED IN THE SPECIFICATIONS. ANY DEVIATIONS OR EXCLUSIONS FROM THIS MUST BE SUBMITTED TO ENGINEER FOR APPROVAL PRIOR TO BEING IMPLEMENTED.
8. ALL THE WIRE SIZES AND ARE BASED ON COPPER, ALUMINUM IS NOT TO BE USED.
9. ALL WIRING METHODS ARE TO BE IN ACCORDANCE WITH THE CURRENT ISSUE OF THE NATIONAL ELECTRICAL CODE, AND APPLICABLE LOCAL CODES. ADDITIONALLY, ALL WORK ON OR NEAR ENERGIZED CONDUCTORS OR EQUIPMENT SHALL BE IN ACCORDANCE WITH NFPA 70E, CHAPTER 1: SAFETY-RELATED WORK PRACTICES.
10. ALL WIRING IS TO BE CONCEALED.
11. PROVIDE INDEPENDENT SEISMIC SUPPORT OF ALL ELECTRICAL EQUIPMENT PER THE CURRENT ISSUE OF CT BUILDING CODE.
12. ELECTRICAL CONTRACTOR SHALL SECURE ALL PERMITS AND PAY FOR ALL REQUIRED FEES, INCLUDING ALL UTILITY FEES.
13. ELECTRICAL CONTRACTOR SHALL WARRANT AND GUARANTEE ALL MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER.
14. ELECTRICAL CONTRACTOR SHALL PROVIDE PROOF OF LIABILITY AND PROPERTY INSURANCE TO THE OWNER, ALL DEDUCTIBLES SHALL BE PAID FOR BY THE ELECTRICAL CONTRACTOR IN THE EVENT OF A CLAIM.
15. PERSONNEL SAFETY IS OF PRIME IMPORTANCE. NO HAZARDOUS CONDITION MUST BE ALLOWED. EVERY CARE MUST BE TAKEN TO PROTECT CONSTRUCTION AND OTHER PERSONNEL. CLEANUP IS TO BE DONE ON A DAILY BASIS. ELECTRICAL CONTRACTOR TO REMOVE AND DISPOSE OF REFUSE FROM SITE.
16. ELECTRICAL CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL FOR ALL LIGHTING FIXTURES, PANELS, SWITCHES, RECEPTACLES, ... ETC.
17. ELECTRICAL CONTRACTOR TO VERIFY LIGHTING FIXTURE MOUNTING REQUIREMENTS FOR VARIOUS CEILING TYPES AND ORDER APPROPRIATE HARDWARE.
18. COORDINATE EXACT PLACEMENT OF EQUIPMENT WITH ARCHITECTURAL, AND MECHANICAL PLANS, MAKE FIELD ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS, VERIFY WITH OWNER.
19. ELECTRICAL CONTRACTOR TO COORDINATE WITH ARCHITECTURAL AND MECHANICAL CONTRACTOR FOR ITEMS SUPPLIED BY THE MECHANICAL/OTHER DIVISIONS BUT INSTALLED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO REVIEW ALL THE PLANS FOR THE PROJECT FOR ELECTRICAL WORK.
20. ELECTRICAL CONTRACTOR TO VERIFY LOADS, SETTINGS, OVERCURRENT PROTECTION... ETC TO INSURE COMPATIBILITY OF EQUIPMENT.
21. ELECTRICAL CONTRACTOR TO VERIFY ALL EQUIPMENT POWER NEEDS WITH THE ACTUAL SHOP DRAWINGS FOR THE EQUIPMENT TO BE USED, PRIOR TO STARTING ANY ELECTRICAL WORK.
22. ALL BALLASTS TO BE HPF AND HAVE THE LOWEST POSSIBLE ENERGY CONSUMPTION FOR THE GIVEN LAMP.
23. ALL ELECTRICAL PENETRATIONS TO BE FIREPROOFED TO MAINTAIN INTEGRITY OF FIRE WALLS/FLOORS/CEILINGS.
24. PROVIDE LAMICOID NAMEPLATES FOR ALL ELECTRICAL DISTRIBUTION AND DISCONNECT EQUIPMENT. ALTERNATE METHODS SHALL NOT BE ALLOWED. NAMEPLATES SHALL BE FASTENED TO PANEL WITH SCREWS.
25. THE DISPOSAL OF ALL UNUSED EXISTING ELECTRICAL EQUIPMENT REMOVED IS A PART OF THE SCOPE OF WORK. THE ELECTRICAL CONTRACTOR SHALL DISPOSE OF ALL SUCH EQUIPMENT, INCLUDING HAZARDOUS PCB CONTAINING BALLASTS, IN A MANNER CONSISTENT WITH STATE OF CT. DEPARTMENT OF ENVIRONMENTAL PROTECTION REGULATIONS, CURRENT ISSUE.
26. SHARED NEUTRALS ARE NOT TO BE USED. PROVIDE SEPARATE NEUTRALS FOR ALL CIRCUITS.
27. PRIOR TO ACQUISITION OR INSTALLATION GIVE WRITTEN NOTICE TO ARCHITECT AND ENGINEER OF ANY MATERIAL OR APPARATUS THAT IS INADEQUATE, UNSUITABLE FOR THE USE, IN VIOLATION OF LAWS, ORDINANCES, RULES, CODES OR ANY REGULATIONS OF AUTHORITIES HAVING JURISDICTION OR ANY NECESSARY ITEMS OF WORK THAT HAS BEEN OMITTED. CONTRACTOR AFFIRMS THAT ABSENT SUCH NOTICE, ALL SYSTEMS WILL FUNCTION SATISFACTORILY WITHOUT ADDITIONAL EXTRA COMPENSATION.
28. ALL PART NUMBERS ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THEY ARE NOT TO BE CONSIDERED THE COMPLETE SPECIFICATION OF THE PRODUCT. THE PART NUMBER AND DESCRIPTION WILL BE THE COMPLETE SPECIFICATION. IN THE EVENT OF A DISCREPANCY BETWEEN THE TWO, THE MORE STRINGENT, MORE COSTLY FEATURE/PERFORMANCE WILL BE REQUIRED.
29. AT THE CONCLUSION OF THE PROJECT WHILE THE PROJECT IS OCCUPIED AND OPERATING NORMALLY, THE CONTRACTOR IS TO TAKE AND RECORD OPERATING CURRENTS IN THE DISTRIBUTION SYSTEM AND REPORT THESE READINGS TO THE ENGINEER FOR EVALUATION. ENGINEER SHOULD BE ADVISED WHEN THE READINGS ARE TO BE MADE SO THAT HE MAY ATTEND AND WITNESS SAME.
30. RISER DIAGRAMS ARE PROVIDED TO SHOW DIAGRAMMATIC GENERAL WIRING REQUIREMENTS. WIRING IS TO BE PROVIDED FOR THE PARTICULAR VENDOR/SYSTEM APPROVED FOR THE PROJECT. ALL WIRING IS TO BE CONCEALED.
31. ALL WIRING IN AIR PLENUM CEILINGS SHALL BE TEFLON COATED AND RATED FOR USE WITHIN THE PLENUM.
32. NO LOW VOLTAGE WIRING SHALL BE PERMITTED IN THE SAME RACEWAY AS POWER WIRING.
33. PROVIDE DRAG LINES IN ALL EMPTY RACEWAYS.
34. CIRCUIT NUMBERS ARE INDICATED FOR INTENT ONLY. THE ELECTRICAL CONTRACTOR SHALL ADJUST ACCORDINGLY IN THE FIELD, TO BALANCE CIRCUITS EVENLY ON ALL PHASES.
35. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL DEVICES, OUTLETS, AND LIGHT FIXTURES INCLUDING ALL DEVICES IN ACCESSIBLE UNITS.
36. FOR ALL TEL/DATA OUTLET LOCATIONS PROVIDE 2-GANG BOX WITH SINGLE GANG MUD RING. INSTALL TWO CAT-6 UTP 4-PAIR CABLES FROM OUTLET TO MINI DISTRIBUTION CENTER. PROVIDE CABLES, PORTS, TERMINATIONS, AND FACEPLATE. ALL PRODUCTS SHALL BE BY SIEMON. PROVIDE SIEMON RECOMMENDED TESTING AND CERTIFICATION. PROVIDE SINGLE CABLE FOR TELEPHONE OUTLETS.
37. DEBRIS REMOVAL FROM THE CONSTRUCTION SITE WILL BE COMPLETED BY A PREDETERMINED ROUTE AT TIMES COORDINATED WITH OWNER.
38. ELECTRICAL CONTRACTOR SHALL CREATE A TYPE WRITTEN CIRCUIT DIRECTORY TO BE PLACED IN EACH PANEL ASSOCIATED WITH THIS PROJECT WHICH SHALL INCLUDE PANEL NUMBER AND DATE.
39. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LATEST VERSION OF ALL EQUIPMENT VENDOR DRAWINGS AND PROVIDE ALL ITEMS LISTED AS PROVIDED AND/OR INSTALLED BY OWNER, CONTRACTOR, OR BY ANYONE OTHER THAN EQUIPMENT VENDOR.
40. ALL ELECTRONIC DOOR CONTROLS SHALL BE CONNECTED TO THE FIRE ALARM SYSTEM AND WIRED TO RELEASE/UNLOCK DOORS UPON FIRE ALARM AND/OR POWER OUTAGE.
41. ELECTRICAL CONTRACTOR SHALL PROVIDE CONTROLS FOR ALL LIGHT FIXTURES. EACH LIGHTED SPACE SHALL HAVE SWITCHES INSTALLED AT EACH ENTRANCE TO THE SPACE, INCLUDING ANY NECESSARY COMBINATION OF 3-WAY AND 4-WAY SWITCHES.
42. ELECTRICAL DEVICES SHALL BE ARRANGED PER ARCHITECTURAL DRAWINGS AND SPACED PER NEC MINIMUM REQUIREMENTS.
43. UNLESS OTHERWISE NOTED ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER AND SIZED PER NEC WITH A TEMPERATURE RATING OF 75° C. INCREASE CONDUCTOR SIZES AS NECESSARY FOR NEC REQUIRED DERATING, AND TO ADJUST FOR VOLTAGE DROP NOT EXCEEDING 2%.
44. COORDINATE WITH MECHANICAL CONTRACTOR FOR REQUIREMENTS OF ATC CIRCUITS AND OVERCURRENT PROTECTION DEVICES AND PROVIDE HACR CIRCUIT BREAKERS AND/OR FUSES WITH SPECIFIED TIME DELAY AS REQUIRED.
45. HALF SHADED LIGHT FIXTURES SHALL BE EQUIPPED WITH AN INTEGRAL BATTERY BACKUP BALLAST UNLESS WIRED TO A CIRCUIT SPECIFIED ON THE LIFE SAFETY BRANCH OF POWER. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
46. EXIT SIGNS SHALL BE WIRED FOR CONSTANT ILLUMINATION AND CONNECTED TO LINE SIDE OF NEARBY LIGHTING CIRCUIT, AND IF AVAILABLE THEY SHALL BE WIRED TO A LIFE SAFETY LIGHTING CIRCUIT.
47. COORDINATE WITH FIRE ALARM VENDOR FOR APPROPRIATE INTENSITY SETTINGS ON ALL AUDIO/VISUAL FIRE ALARM DEVICES, FOR PROPER COVERAGE AT EACH LOCATION.
48. FIRE ALARM WIRING SHALL BE INSTALLED PER AHJ REQUIREMENTS AND ALL APPLICABLE STATE AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, NFPA CODES: 70, 70E, 72, AND 101.
49. ALL SMOKE/HEAT DETECTORS WITHIN THE PROJECT SHALL BE TESTED AND LABELED. PROVIDE VERIFICATION OF TEST RESULTS TO OWNER.
50. PROVIDE FIRE ALARM AS-BUILT DRAWING SHOWING ALL DEVICE LOCATIONS, ADDRESSES, NODES, LOOPS, AND PIPING OR PATHWAYS.
51. ALL CIRCUIT BREAKERS SHALL HAVE AIC RATING EQUAL TO, OR GREATER THAN, THE AIC RATING OF THE PANEL IN WHICH THEY ARE INSTALLED. CIRCUIT BREAKERS SHALL NOT BE RELOCATED TO PANELS WITH GREATER AIC RATING THAN THE CIRCUIT BREAKER.
52. ALL NEW ELECTRICAL RECEPTACLES SHALL BE TESTED WITH AN ELECTRICAL RECEPTACLE ANALYZER APPROVED BY THE OWNER. A REPORT OF THE TEST RESULTS SHALL BE PROVIDED TO THE ENGINEER AND SHALL INDICATE ROOM NUMBER, RECEPTACLE ID, LINE VOLTAGE, CORRECT POLARITY, NEUTRAL TO GROUND VOLTS, GROUND TO GROUND VOLTS AND OHMS, TENSION, AND RECEPTACLE STATUS.
53. ALL CIRCUITS FOR DEVICES SERVING AUDIO VISUAL EQUIPMENT SHALL BE CONNECTED TO THE SAME PHASE OF ELECTRICAL POWER AND SERVED FROM THE SAME PANEL. ADJUST CIRCUIT ASSIGNMENTS AS REQUIRED. COORDINATE WITH OWNER'S A/V REPRESENTATIVE TO VERIFY DEVICES SERVING A/V EQUIPMENT.
54. CABLE TV OUTLETS SHALL BE PROVIDED WITH A BACKBOX, FACEPLATE, TERMINATION/UTILIZATION PORT, AND DEDICATED HOMERUN CABLE TO SOURCE. PROVIDE ALL TERMINATIONS.
55. PROVIDE (1) CABLE TV OUTLET IN EACH BEDROOM, (2) CABLE TV OUTLETS IN EACH LIVING ROOM, OFFICE, FITNESS ROOM, YOGA ROOM, AND COMMON ROOMS.
56. PROVIDE (2) TEL/DATA OUTLETS IN EACH LIVING ROOM, OFFICE, LOUNGE, FITNESS ROOM, YOGA, AND ALL COMMON ROOMS.
57. PROVIDE TELEPHONE OUTLETS IN EACH KITCHEN AND BEDROOM.
58. PROVIDE CARBON MONOXIDE DETECTORS ON EACH FLOOR OF EACH UNIT.
59. ALL LIGHTING SHALL BE ENERGY STAR RATED AND CONFORM TO ALL LEED CERTIFICATION REQUIREMENTS.
60. THE ENTIRE ELECTRICAL INSTALLATION, INCLUDING LIGHTING, SHALL CONFORM TO ALL CONNECTICUT HOUSING FINANCE AUTHORITY "CHFA" STANDARDS.
61. ALL 120V, 15 AND 20 AMP, SINGLE POLE, CIRCUIT BREAKERS SHALL BE LISTED AS COMBINATION TYPE AFCI.
62. ALL 120V, 15 AND 20 AMP, RECEPTACLES SHALL BE LISTED TAMPER RESISTANT.
63. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH 2011 NEC.
64. WALLS AND CEILINGS ARE FIRE RATED CONSTRUCTION. ALL LIGHT FIXTURES, DEVICES, BOXES, AND OTHER ELECTRICAL EQUIPMENT INSTALLED IN WALLS AND CEILINGS SHALL BE FIRE RATED OR IN A FIRE RATED ENCLOSURE TO MAINTAIN THE FIRE RATING OF THE WALL/CEILING WHERE INSTALLED.
65. PROVIDE ALL ADA AND CHFA REQUIRED DEVICES IN EACH UNIT DESIGNATED FOR HEARING IMPAIRED INCLUDING, BUT NOT BE LIMITED TO: ILLUMINATED DOOR CHIME AND AUDIO/VISUAL FIRE ALARM NOTIFICATION DEVICES. NOTIFICATION DEVICES SHALL BE WIRED TO THE SAME CIRCUIT AS SMOKE AND CARBON DIOXIDE DETECTORS, AND UPON ANY ONE ALARM ALL DEVICES IN THE UNIT SHALL ACTIVATED.

Washington Village Phase 1

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| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CENTEK #13232.01
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SHEET TITLE

ELECTRICAL GENERAL NOTES

E-002

9/9/2014 1:30 PM

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| LIGHTING FIXTURE SCHEDULE | | | | | | | | |
|---------------------------|--------------------------|------------------------------------------------|-----------------------|-----------|-------|-------------|---------|----------|
| TYPE | MANUFACTURER | CATALOG NUMBER | NOTES | LAMP DATA | | | VOLTAGE | MOUNTING |
| | | | | NO. | WATTS | TYPE | | |
| A | ARTEMIDE | DUPLO CURVED WALL SCONCE | FINISH & TRIM BY ARCH | 1 | 18 | CFL | 120 | SURFACE |
| A1 | ARTEMIDE | LED E26/A19 | FINISH & TRIM BY ARCH | 2 | 17 | LED | 120 | SURFACE |
| B | OXYGEN | 2-6135-24 JOURNEY CEILING MOUNT | FINISH & TRIM BY ARCH | 2 | 26 | QUAD CFL | 120 | SURFACE |
| C | OXYGEN | 2-6136-224 JOURNEY CEILING MOUNT | FINISH & TRIM BY ARCH | 1 | 22 | TS CIRCLINE | 120 | SURFACE |
| D | OXYGEN | 3-692-224MODULO CEILING MOUNT | FINISH & TRIM BY ARCH | 1 | 8.9 | LED | 120 | SURFACE |
| E | PHILIPS | EW PROFILE POWERCORE | FINISH & TRIM BY ARCH | 1 | 10 | LED | 120 | SURFACE |
| F | PLC LIGHTING | SLICK-120V (TR14-WH) WHITE | FINISH & TRIM BY ARCH | 1 | 45 | MR16 | 120 | TRACK |
| G | OXYGEN | 2-5137-24-BP224 | FINISH & TRIM BY ARCH | 1 | 54 | TSHO | 120 | SURFACE |
| G1 | SPRING CITY ELECTRICAL | WSH-PF83 | FINISH & TRIM BY ARCH | 1 | 150 | HPS | 120 | SITE |
| G2 | KIM LIGHTING | 1SA-SAR4-150MH120-BL | FINISH & TRIM BY ARCH | 1 | 150 | MH | 120 | SITE |
| H | PANASONIC | WHISPERGREEN FV-08VKL1 80 CFM | FINISH & TRIM BY ARCH | 2 | 18 | CFL | 120 | RECESSED |
| J | LIGHTWAY | CSLC-11-A-1Q26-3-W2-WSA-SI-EM-GLR-S14 | FINISH & TRIM BY ARCH | 1 | 26 | CFL | 120 | SURFACE |
| K | NEO RAY | 14DIW-21T5-04-1EB-SI-EB-SI-EM-GLR-S14 | FINISH & TRIM BY ARCH | 3 | 28 | T5 | 120 | SURFACE |
| L | NEO RAY | PENTAFLEX TM 79PF1T5-16-1EB-SI-GLR | FINISH & TRIM BY ARCH | 1 | - | T5 | 120 | RECESSED |
| M | COOPER LIGHTING | ML709827CAT120D 900 SERIES LED DIMMABLE MODULE | FINISH & TRIM BY ARCH | 1 | 14 | LED | 120 | RECESSED |
| N | PRECISION ARCH. LIGHTING | LMS01-PH-SE-4-CT-FO1M-120-TSHO-DIM | FINISH & TRIM BY ARCH | 1 | 54 | TSHO | 120 | PENDANT |
| P1 | ARTEMIDE | TAGORA - 970 SUSPENSION | FINISH & TRIM BY ARCH | 4 | 24 | TSHO | 120 | PENDANT |
| P2 | ARTEMIDE | TAGORA - 570 SUSPENSION | FINISH & TRIM BY ARCH | 4 | 36 | TT5 | 120 | PENDANT |
| P3 | ARTEMIDE | TAGORA - 270 SUSPENSION | FINISH & TRIM BY ARCH | 2 | 26 | CFL | 120 | PENDANT |
| Q | NEMO | LUNA 320 - MEDIUM F | FINISH & TRIM BY ARCH | 1 | 20 | LED | 120 | RECESSED |
| R | OXYGEN | 2-6205-24 ECHO PENDANT | FINISH & TRIM BY ARCH | 1 | 23 | GU24 | 120 | PENDANT |
| S | ARTEMIDE | LOGICO TRIPLE LINEAR SUSPENSION | FINISH & TRIM BY ARCH | 3 | 17 | LED | 120 | PENDANT |
| U | BELUX | 51002403-30-5-CLOUD-30-5 | FINISH & TRIM BY ARCH | 1 | 70 | HALOGEN | 120 | PENDANT |
| W | PROGRESS | ALPHA TRACK P9104-09 WITH 3X P6112-09 FIXTURES | FINISH & TRIM BY ARCH | TBD | TBD | TBD | 120 | TRACK |
| X | BEGHELLI | BS100-TSHO | FINISH & TRIM BY ARCH | 2 | 24 | TSHO | 120 | SURFACE |
| Y | LITE-TECH | LS-4-54TSHO - 120 EL | FINISH & TRIM BY ARCH | 1 | 54 | TSHO | 120 | SURFACE |
| Z | TBD | TBD | FINISH & TRIM BY ARCH | TBD | TBD | TBD | 120 | TBD |
| Z1 | SOVEREIGN | TBD | FINISH & TRIM BY ARCH | TBD | TBD | TBD | TBD | TBD |
| Z2 | BEGHELLI | XLP-S3 | FINISH & TRIM BY ARCH | TBD | TBD | TBD | TBD | TBD |
| AA | INVUE | ENV-CO2-LED-E1-BL4-BK-PC-277-BBB | FINISH & TRIM BY ARCH | 2 | 54 | LED | 120 | TBD |
| BB | OXYGEN | 2-712-224 LEDA SCONCE | FINISH & TRIM BY ARCH | 2 | 13 | CFL | 120 | WALL |
| BBB | OXYGEN | 2-707-16 NEOMA SCONCE | FINISH & TRIM BY ARCH | 2 | 13 | CFL | 120 | WALL |
| CC | OXYGEN | 2-711-224 TELSHOR VANITY | FINISH & TRIM BY ARCH | 2 | 26 | CFL | 120 | WALL |

LIGHT FIXTURE NOTES:

- FOR PRICING, CONTRACTOR SHALL CARRY AN ALLOWANCE OF \$300 FOR EACH UNSPECIFIED LIGHT FIXTURE.
- ALL LIGHTING FIXTURES SHALL BE ENERGY STAR RATED AND CONFORM TO ELECTRIC UTILITY COMPANY REQUIREMENTS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND INTERIOR ELEVATIONS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES.
- HALF-SHADED LIGHT FIXTURE INDICATES WIRED TO LIFE SAFETY CIRCUIT. INSTALL SUPERVISORY BY PASS RELAY FOR ALL LIGHTING CONNECTED TO LIFE SAFETY CIRCUITS. REFER TO DETAILS.
- DIMMERS TO BE COMPATIBLE WITH LIGHTING FIXTURES ON CIRCUIT.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL CEILING TYPES AND/OR COORDINATE ALL FIXTURE TRIMS PRIOR TO PURCHASE OF FIXTURES.
- ALL FLUORESCENT BALLASTS SHALL BE ELECTRONIC PROGRAM START TYPE AND SUITABLE FOR LAMPS SERVED. ALL FIXTURES SHALL BE PROVIDED WITH ONE BALLAST (UNLESS OTHERWISE INDICATED).
- ALL COMPACT FLUORESCENTS SHALL BE PROVIDED WITH HIGH POWER FACTOR BALLASTS.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LIGHTING FIXTURES COMPLETE WITH MOUNTING HARDWARE AND LAMPS.
- CATALOG NUMBER SHOWN REPRESENTS FIXTURE FAMILY ONLY. ITEM DESCRIPTION SHALL BE USED TO DETERMINE FINAL FIXTURE MODEL #.
- ALL FLUORESCENT LAMPS SHALL HAVE A COLOR TEMPERATURE SPECIFIED BY ARCHITECT.
- ALL BATTERY OPERATED EMERGENCY FIXTURES SHALL BE CHARGED FROM NEARBY LIFE SAFETY CIRCUITS, AND SHALL BE WIRED TO MONITOR THE LINE SIDE OF THE NORMAL POWER LIGHTING CIRCUIT SERVING THE AREA.
- INTERIOR AND EXTERIOR LIGHTING MUST CONFORM TO CHFA REQUIREMENTS.
- EXTERIOR LIGHTING SHALL BE CONTROLLED BY A PHOTOCCELL AND WIRED THROUGH A TIME CLOCK.

| LEGEND OF CONDUIT AND CONDUCTOR | | | | | |
|---------------------------------|----------------------------------------------------|----------------------|------------------------------------------|----------------------|-----------------------|
| FEEDER SYMBOL | CONDUCTORS (SINGLE OR 3 PHASE, 3 WIRE) WITH GROUND | RACEWAY SIZE CONDUIT | COPPER CONDUCTORS | | NOMINAL AMPERE RATING |
| | | | CONDUCTORS (3 PHASE, 4 WIRE) WITH GROUND | RACEWAY SIZE CONDUIT | |
| (1) | 3#4 & 1#10G. | 1" | | | 60 |
| (2) | | | 4#4 & 1#10G. | 1 1/4" | |
| (3) | 3#4 & 1#8G. | 1" | | | 70 |
| (4) | | | 4#4 & 1#8G. | 1 1/4" | |
| (5) | 3#1 & 1#8G. | 1 1/2" | | | 100 |
| (6) | | | 4#1 & 1#8G. | 1 1/2" | |
| (7) | 3#1 & 1#6G. | 1 1/2" | | | 125 |
| (8) | | | 4#1 & 1#6G. | 2" | |
| (9) | 3#1/0 & 1#6G. | 1 1/2" | | | 150 |
| (10) | | | 4#1/0 & 1#6G. | 2" | |
| (11) | 3#2/0 & 1#6G. | 2" | | | 175 |
| (12) | | | 4#2/0 & 1#6G. | 2" | |
| (13) | 3#3/0 & 1#6G. | 2" | | | 200 |
| (14) | | | 4#3/0 & 1#6G. | 2" | |
| (15) | 3#4/0 & 1#4G. | 2" | | | 225 |
| (16) | | | 4#4/0 & 1#4G. | 2 1/2" | |
| (17) | 3#250 KCMIL & 1#4G. | 2 1/2" | | | 250 |
| (18) | | | 4#250 KCMIL & 1#4G. | 3" | |
| (19) | 3#350 KCMIL & 1#4G. | 3" | | | 300 |
| (20) | | | 4#350 KCMIL & 1#4G. | 3" | |
| (21) | 3#500 KCMIL & 1#3G. | 3 1/2" | | | 350 |
| (22) | | | 4#500 KCMIL & 1#3G. | 4" | |
| (23) | 3#600 KCMIL & 1#3G. | 3 1/2" | | | 400 |
| (24) | | | 4#600 KCMIL & 1#3G. | 4" | |
| (25) | 6#250 KCMIL & 2#2G. | 2-2 1/2" | | | 500 |
| (26) | | | 8#250 KCMIL & 2#2G. | 2-3" | |
| (27) | 6#350 KCMIL & 2#1G. | 2-3" | | | 600 |
| (28) | | | 8#350 KCMIL & 2#1G. | 2-3" | |
| (29) | 6#600 KCMIL & 2#1/0G. | 2-3 1/2" | | | 800 |
| (30) | | | 8#600 KCMIL & 2#1/0G. | 2-4" | |
| (31) | 9#400 KCMIL & 3#2/0G. | 3-3" | | | 1000 |
| (32) | | | 12#400 KCMIL & 3#2/0G. | 3-3" | |
| (33) | 9#600 KCMIL & 3#3/0G. | 3-3 1/2" | | | 1200 |
| (34) | | | 12#600 KCMIL & 3#3/0G. | 3-4" | |
| (35) | 12#600 KCMIL & 4#4/0G. | 4-3 1/2" | | | 1600 |
| (36) | | | 16#600 KCMIL & 4#4/0G. | 4-4" | |

NOTES:
1. FEEDERS SHALL BE PROVIDED WITH MAC ADAPTERS AS REQUIRED TO COORDINATE WITH BREAKER LUG SIZES.
2. SEE SPECIFICATIONS FOR ACCEPTABLE CONDUCTOR TYPES.

| 208 VOLT, 3 PHASE MOTOR BRANCH CIRCUITS | | | | | | | | | |
|-----------------------------------------|---------|------------------|----------|---------|-----------|------|------------|-----------------|-------------|
| HP | FLA (1) | NEMA (2) STARTER | C.B. (3) | MCP (2) | FUSES (3) | | # WIRE (4) | GROUND WIRE (5) | CONDUIT (6) |
| | | | | | NEC | T.D. | | | |
| 1/2 | 2.4 | 1 | 20 | 7 | 10 | 4 | 12 | 12 | 3/4 |
| 3/4 | 3.5 | 1 | 20 | 7 | 10 | 5 | 12 | 12 | 3/4 |
| 1 | 4.6 | 1 | 20 | 7 | 15 | 10 | 12 | 12 | 3/4 |
| 1 1/2 | 6.6 | 1 | 20 | 7 | 20 | 10 | 12 | 12 | 3/4 |
| 2 | 7.5 | 1 | 20 | 15 | 25 | 15 | 12 | 12 | 3/4 |
| 3 | 10.6 | 1 | 30 | 15 | 30 | 20 | 10 | 10 | 3/4 |
| 5 | 16.7 | 1 | 40 | 30 | 50 | 30 | 10 | 10 | 3/4 |
| 7 1/2 | 24.2 | 1 | 50 | 30 | 70 | 40 | 8 | 10 | 3/4 |
| 10 | 30.8 | 2 | 70 | 50 | 90 | 50 | 6 | 8 | 3/4 |
| 15 | 46.2 | 3 | 100 | 70 | 150 | 80 | 4 | 8 | 1 |
| 20 | 59.4 | 3 | 150 | 100 | 175 | 100 | 2 | 6 | 1 1/4 |
| 25 | 74.8 | 3 | 175 | 100 | 225 | 125 | 1 | 6 | 1 1/2 |
| 30 | 88 | 4 | 200 | 150 | 250 | 150 | 1/0 | 6 | 1 1/2 |
| 40 | 114 | 4 | 250 | 150 | 350 | 200 | 2/0 | 4 | 2 |
| 50 | 143 | 5 | 300 | 150 | 400 | 250 | 4/0 | 4 | 2 |
| 60 | 169 | 5 | 400 | 250 | 500 | 300 | 250KCMIL | 3 | 2 1/2 |
| 75 | 211 | 5 | 400 | 400 | 600 | 350 | 400KCMIL | 3 | 3 |
| 100 | 273 | 6 | 500 | -- | 800 | 450 | 600KCMIL | 2 | 4 |

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



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| 06-13-2014 | PRICING | |
| 11-18-2013 | 40% CHFA | |
| 09-19-2013 | CAM/ SPECIAL PERMIT | |
| MARK | DATE | DESCRIPTION |
| PROJECT NO.: 21222/CEN TEK #13232.01 | | |
| DRAWN BY: TJB | | |
| CHECKED BY: CKD | | |

SHEET TITLE

**ELECTRICAL
SCHEDULES**

E-003

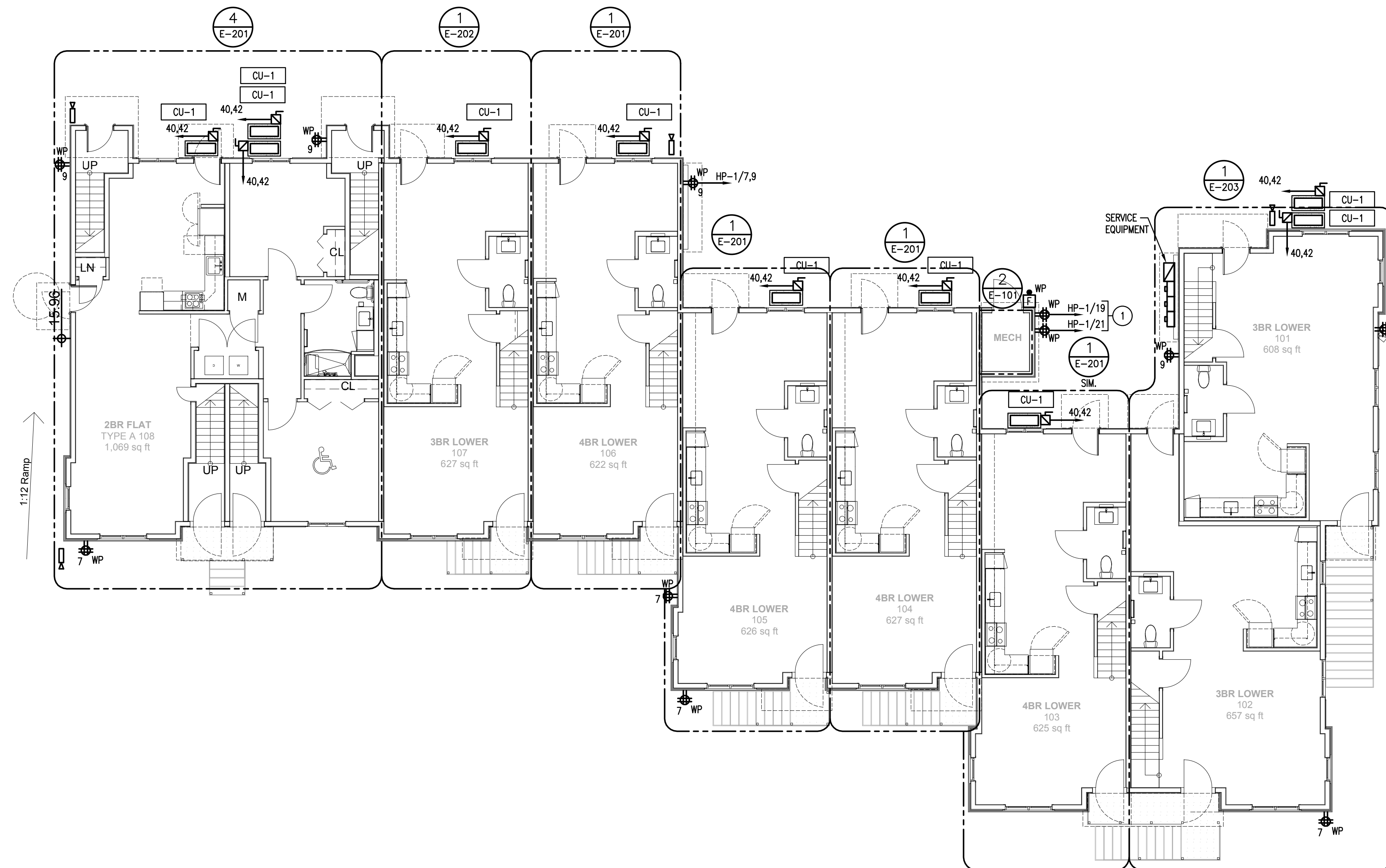
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ELECTRICAL WORK NOTES

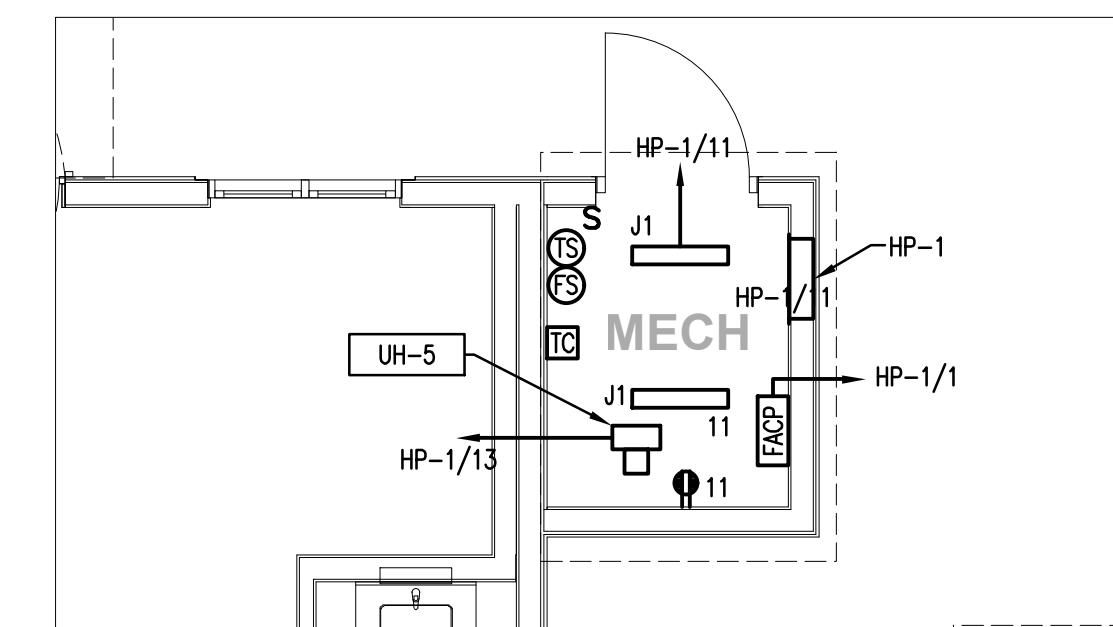
1 INSTALL RECEPTACLES IN NEMA-3 LOCKABLE ENCLOSURE WITH LABEL STATING: "FOR TELCO USE ONLY". ENCLOSURE SHALL BE LOCATED CONVENIENT TO TELCO DEMARC. COORDINATE EXACT LOCATION WITH TELEPHONE COMPANY AND ARCHITECT.

GENERAL NOTE:

1. EACH CONDENSING UNIT CIRCUIT SHOWN SHALL ORIGINATE IN THE LOAD CENTER OF THE APARTMENT SERVED. REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
2. FOR ALL CAMERAS, PROVIDE WIRELESS RELAY TO BUILDING B.



1 **FIRST FLOOR PLAN - ELECTRICAL**
SCALE: 1/8"=1'-0"



2 **FIRST FLOOR MECHANICAL ROOM PLAN - ELECTRICAL**
SCALE: 1/4"=1'-0"

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**13 Day Street
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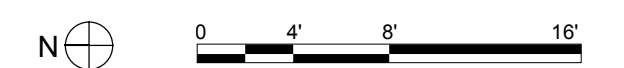
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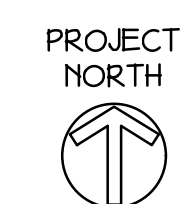
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| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
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SHEET TITLE

**BUILDING A
FIRST FLOOR
PLANS- ELECTRICAL**

E-101



Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

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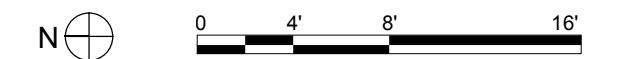
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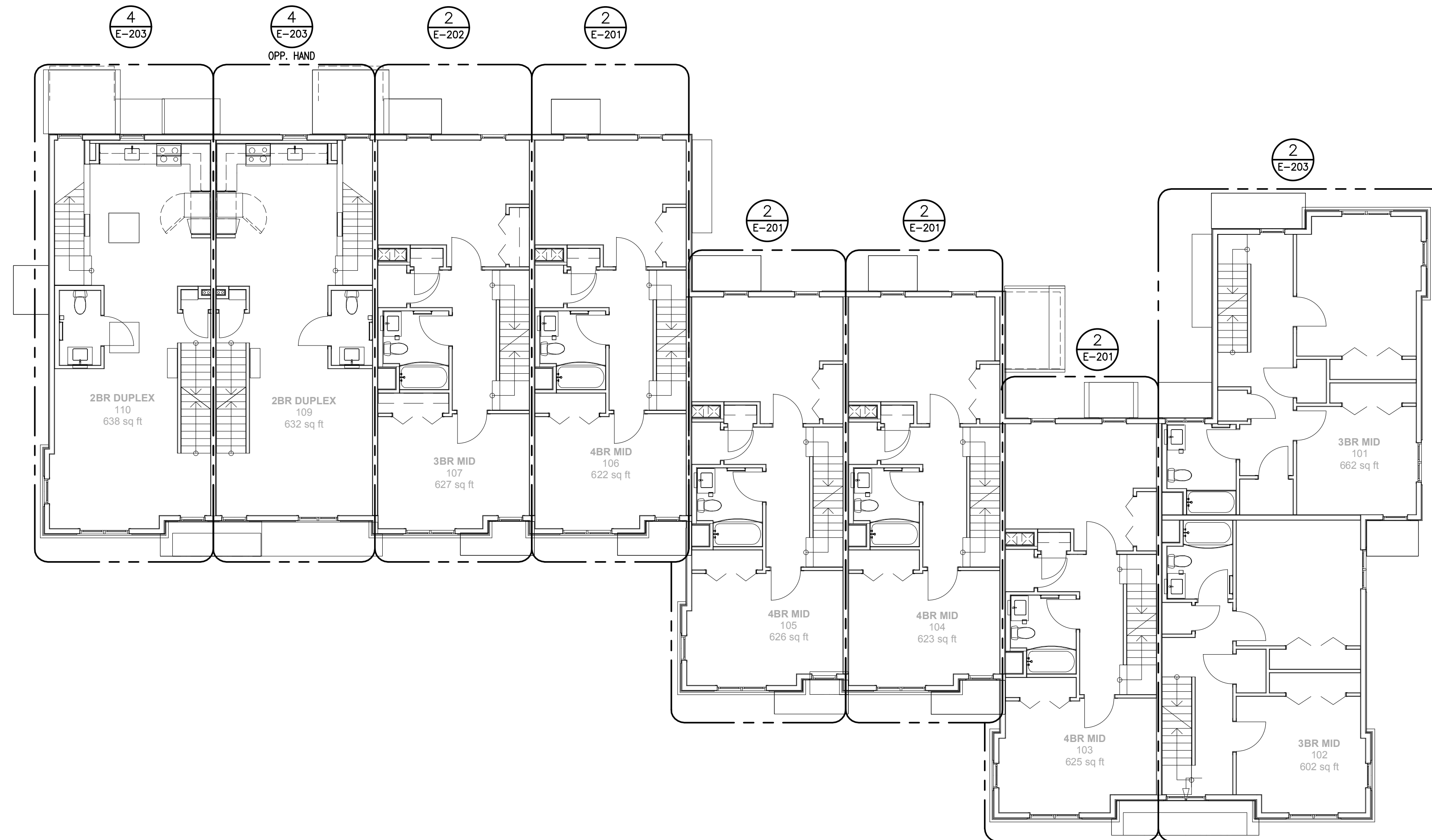
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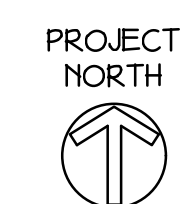
SHEET TITLE

BUILDING A
SECOND FLOOR
PLAN - ELECTRICAL

E-102



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



Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
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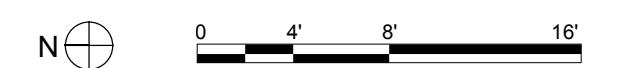
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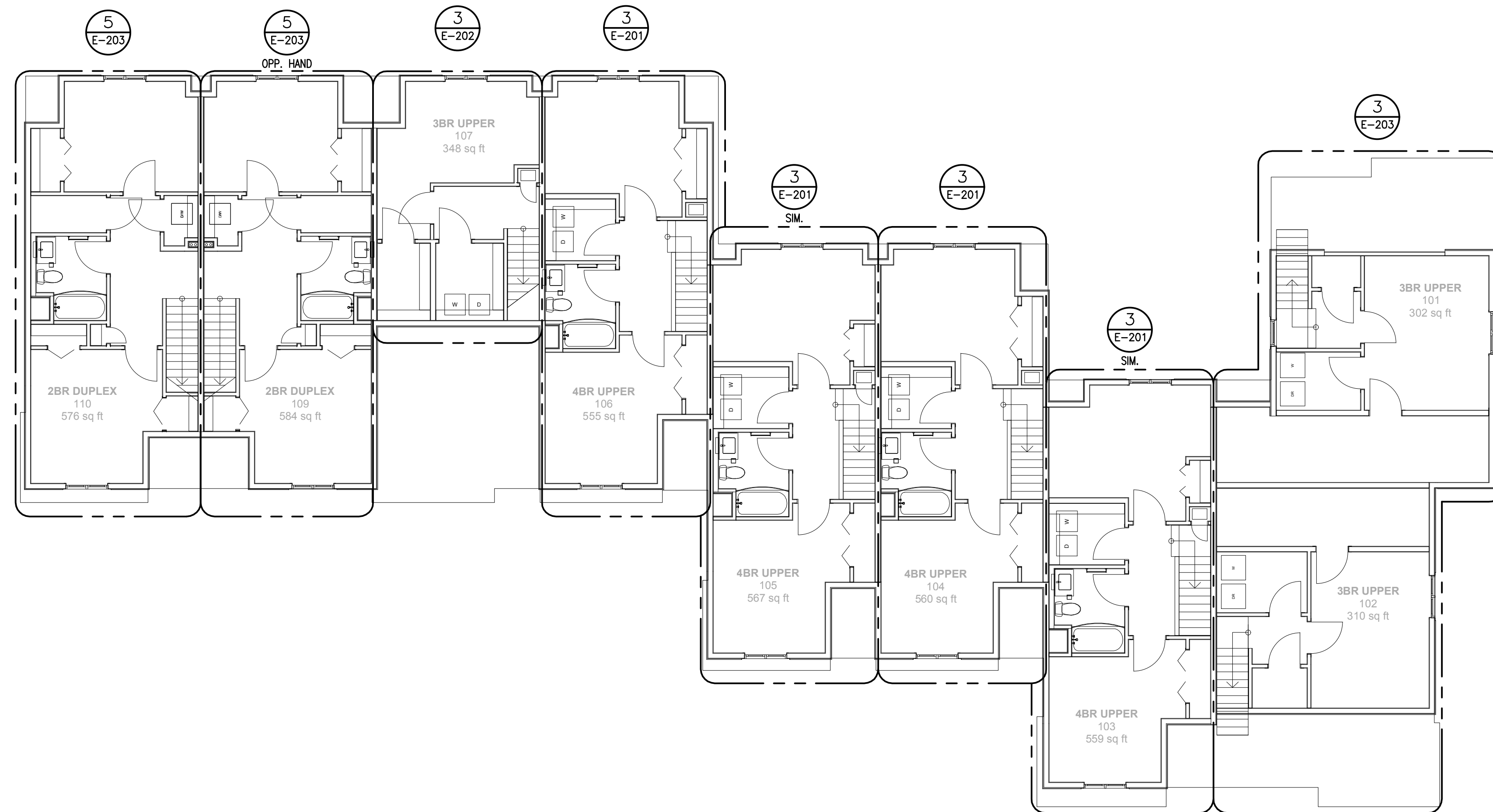
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SHEET TITLE

BUILDING A
THIRD FLOOR
PLAN - ELECTRICAL



E-103



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

ELECTRICAL WORK NOTES

- ① RADON FAN WITH ALARM WIRING, LOCATED IN ATTIC.
- GENERAL NOTE:
- 1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.

**Washington Village
Phase 1**

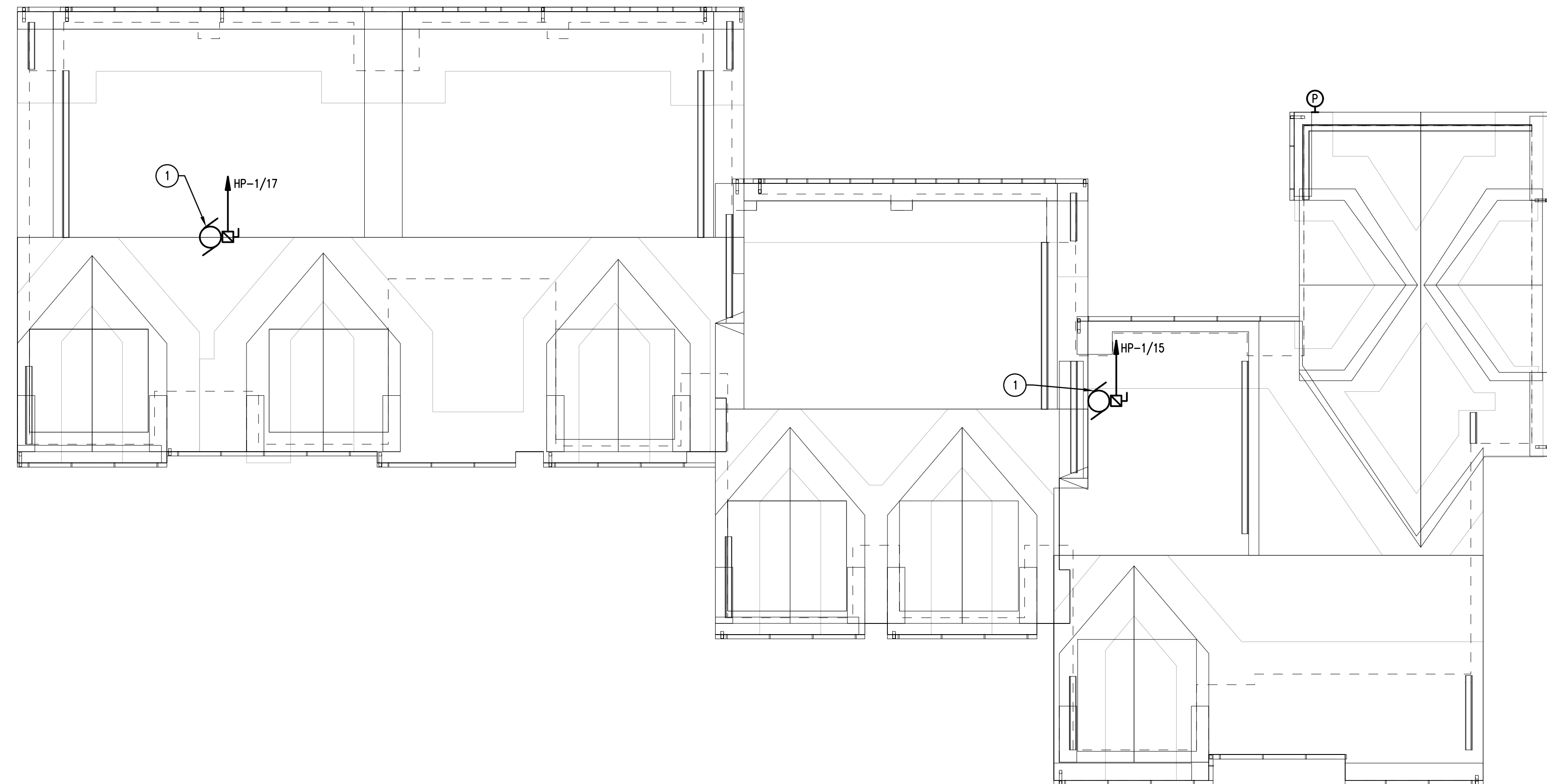
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① **ROOF PLAN - ELECTRICAL**
SCALE: 1/8"=1'-0"



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|------|------------|---------------------|
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| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

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SHEET TITLE
**BUILDING A
ROOF PLAN
- ELECTRICAL**

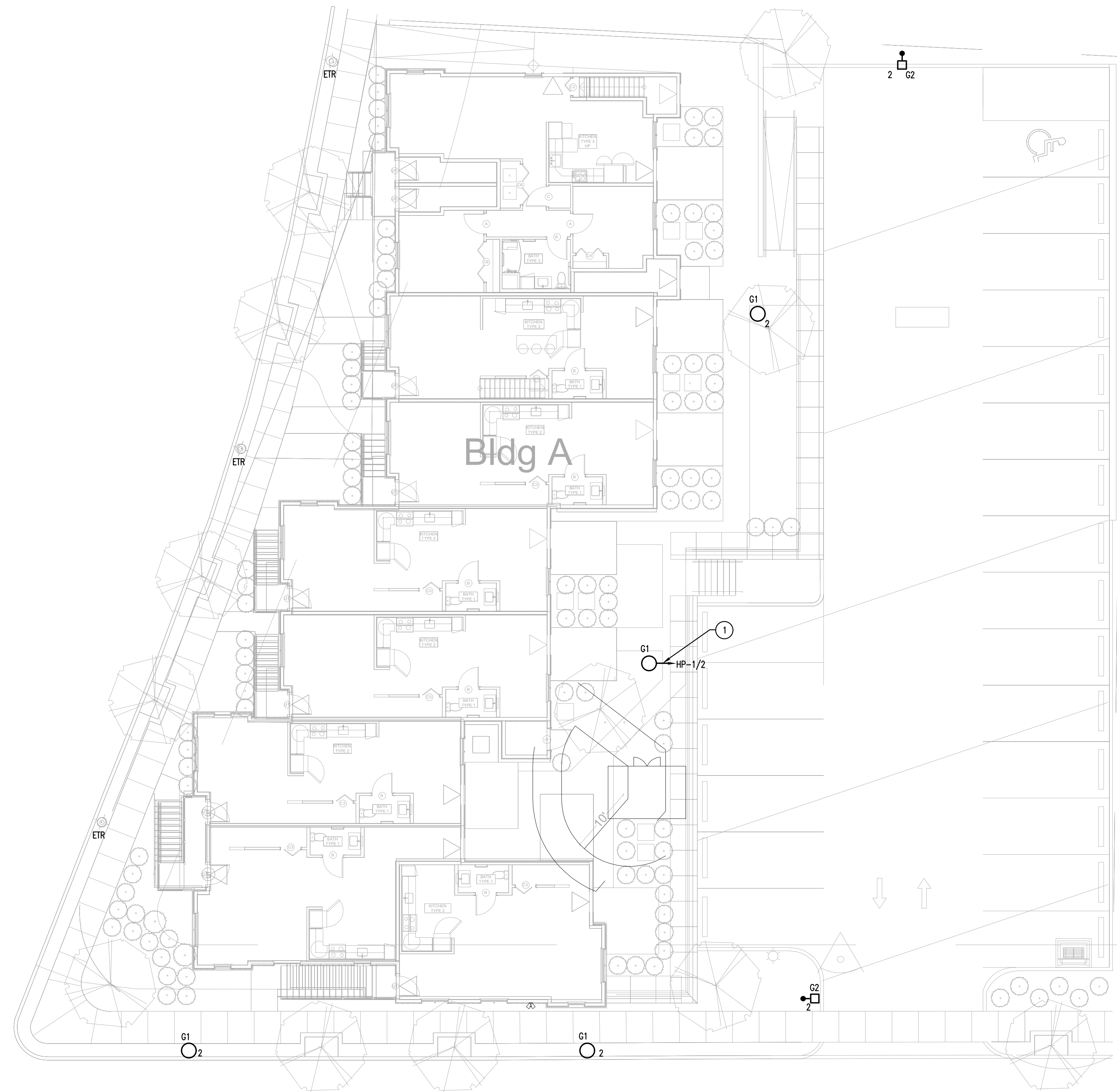


E-104

ELECTRICAL WORK NOTES

① PROVIDE 1" C, 2#6, #6G. TYPICAL FOR ENTIRE BRANCH CIRCUIT. FIXTURES SHALL BE CONTROLLED VIA TIMECLOCK AND PHOTOCELL.

GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.



① **SITE LIGHTING PLAN - ELECTRICAL**
SCALE: 1"=10'-0"

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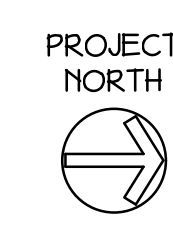
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SHEET TITLE
**SITE LIGHTING
PLAN- ELECTRICAL**



E-200

ELECTRICAL WORK NOTES

1 PROVIDE 20A, 208V, 2P CIRCUIT WITH 3 #12, 1 #12 G.

GENERAL NOTE:
 1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.
 2. REFER TO 4 BEDROOM UNIT FOR TYPICAL CIRCUIT ASSIGNMENTS.

**Washington Village
Phase 1**

**13 Day Street
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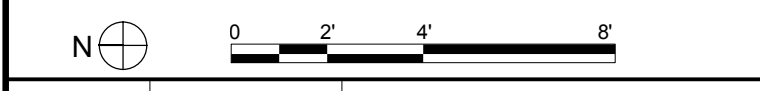
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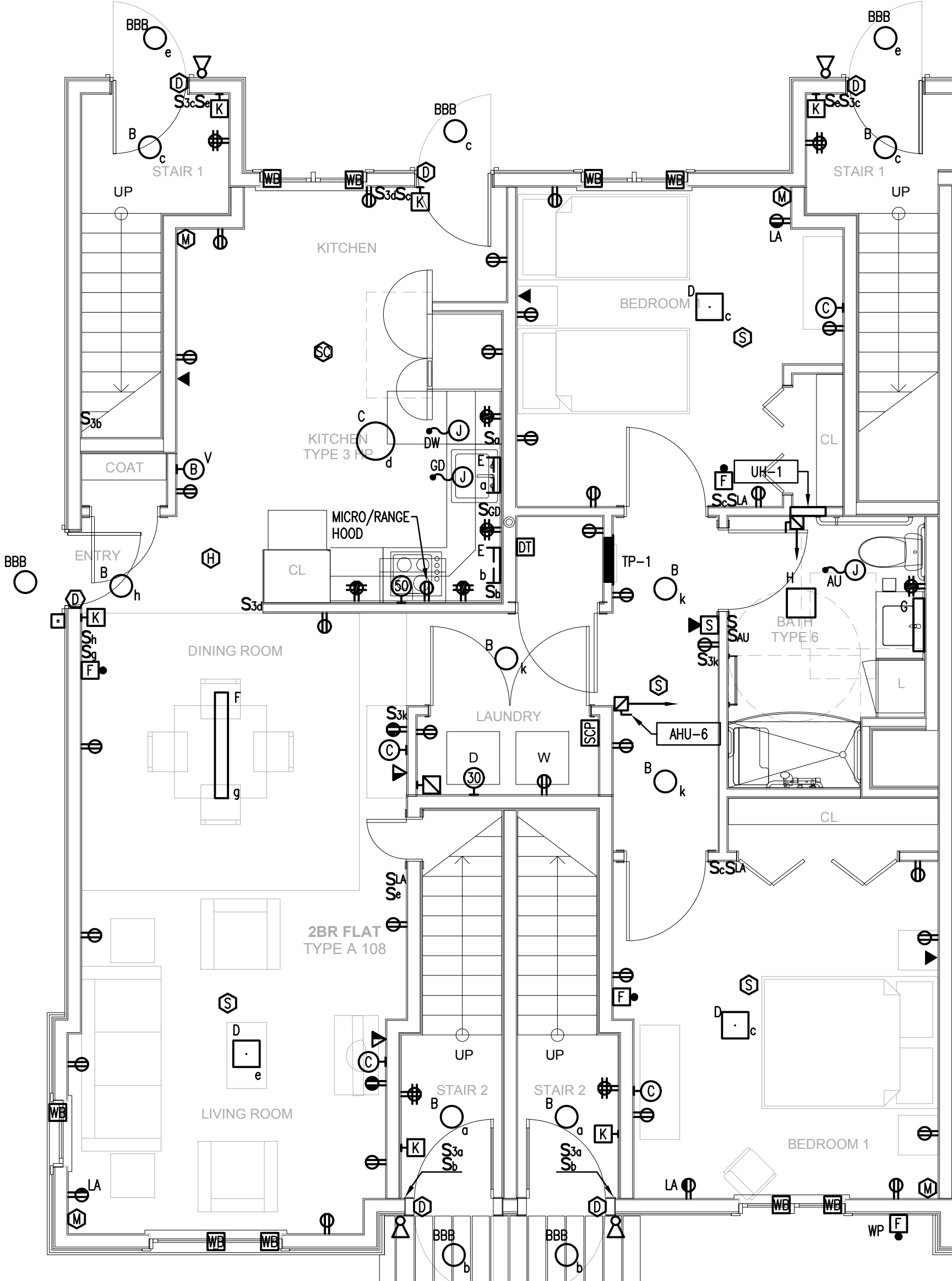
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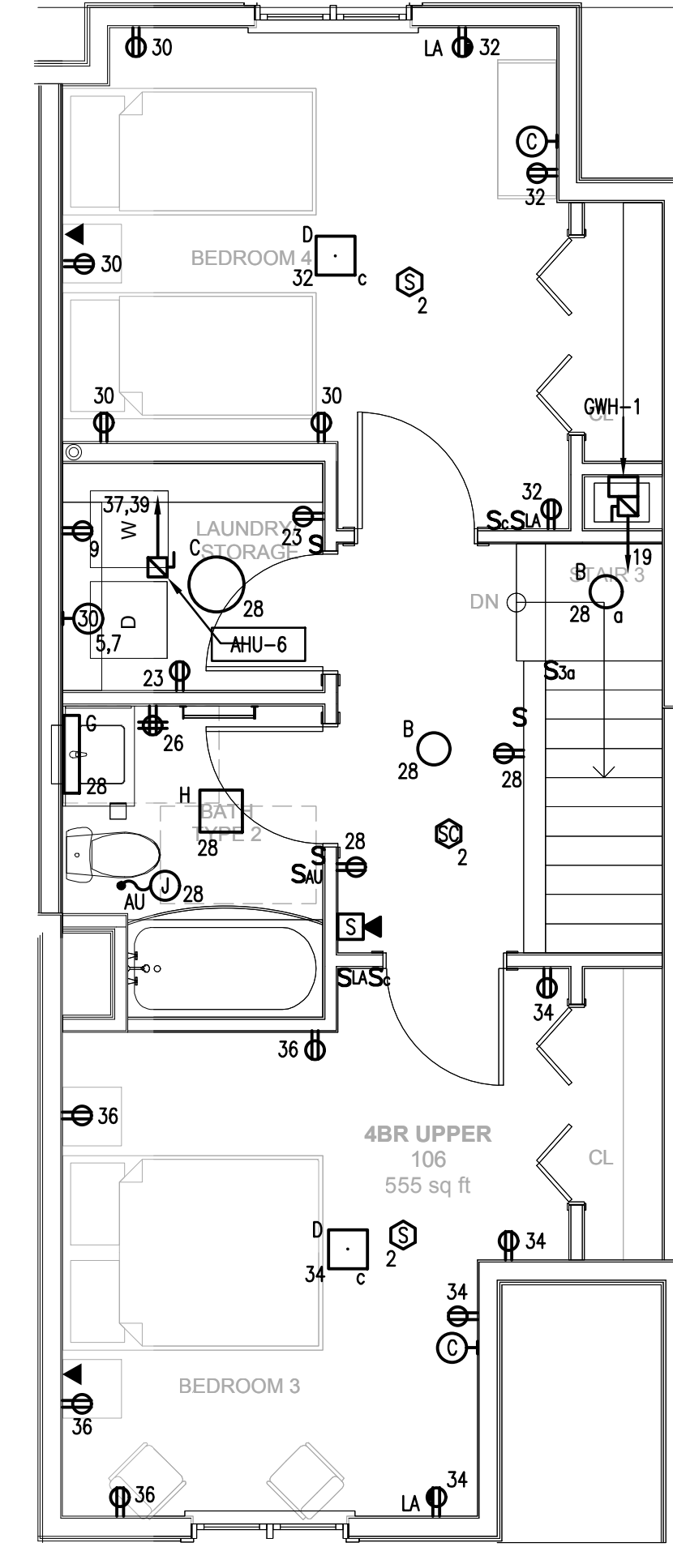
**TYPICAL UNIT PLANS
BUILDING A
ELECTRICAL**



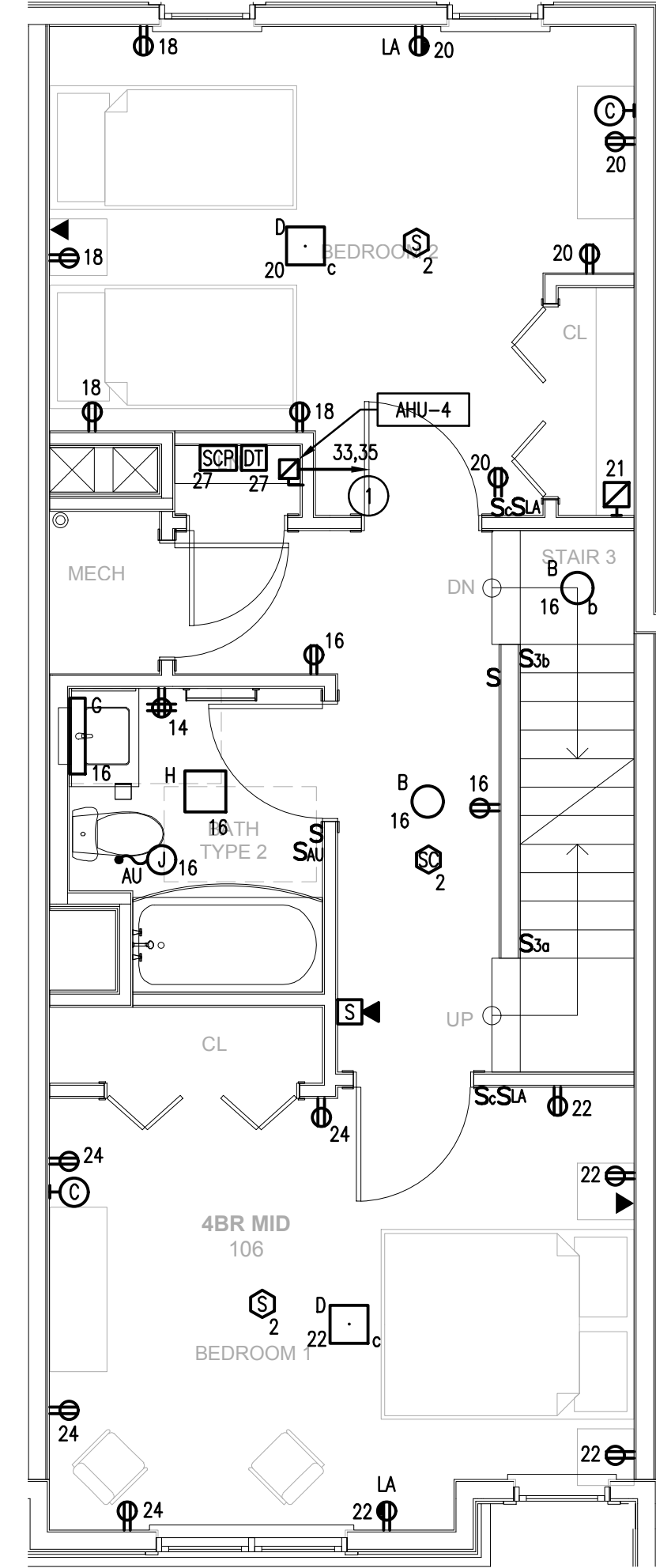
E-201



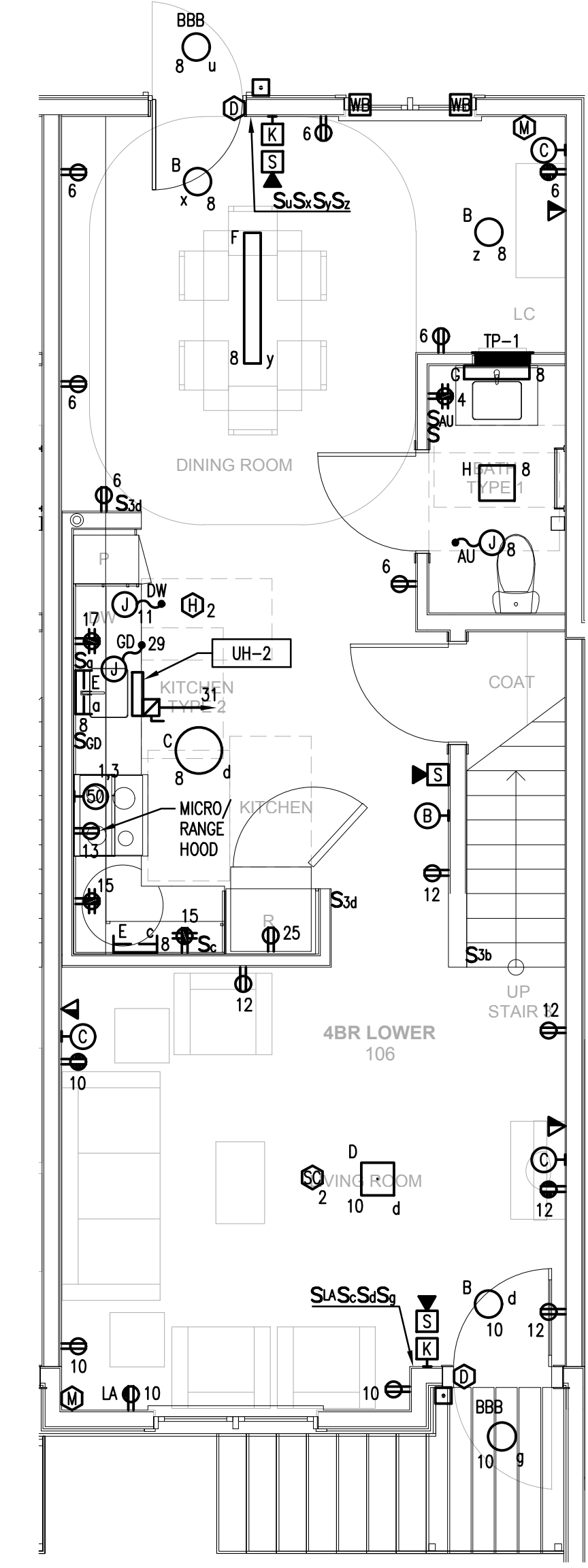
4 2BR FLAT - ELECTRICAL
SCALE: 1/4"=1'-0"



3 TOWNHOUSE THIRD FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0" (FOUR BEDROOM TOWNHOUSE)



2 TOWNHOUSE SECOND FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0" (FOUR BEDROOM TOWNHOUSE)



1 TOWNHOUSE FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0" (FOUR BEDROOM TOWNHOUSE)

L:\Jobs\1323201.ME\ELEC-201.dwg Sep 17, 2014 - 8:40pm Frc

9/9/2014 1:30 PM

ELECTRICAL WORK NOTES

GENERAL NOTE:

- COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO 4 BEDROOM UNIT FOR TYPICAL CIRCUIT ASSIGNMENTS.

**Washington Village
Phase 1**

**13 Day Street
Building A**

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

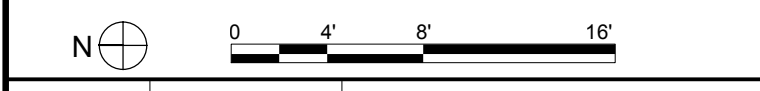
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| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

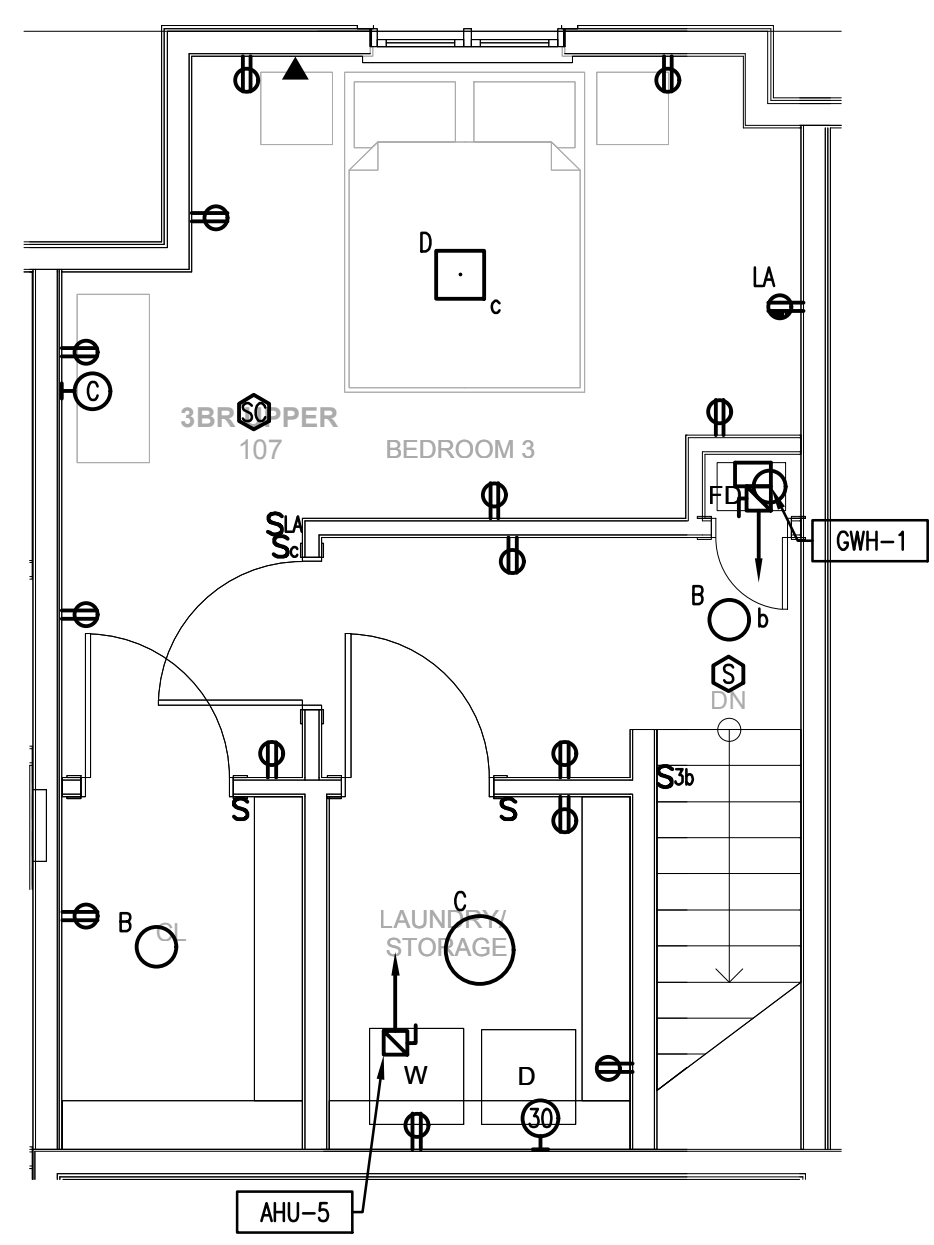
PROJECT NO.: 21222/CEN TEK #13232.01
DRAWN BY: TJB
CHECKED BY: CKD

SHEET TITLE

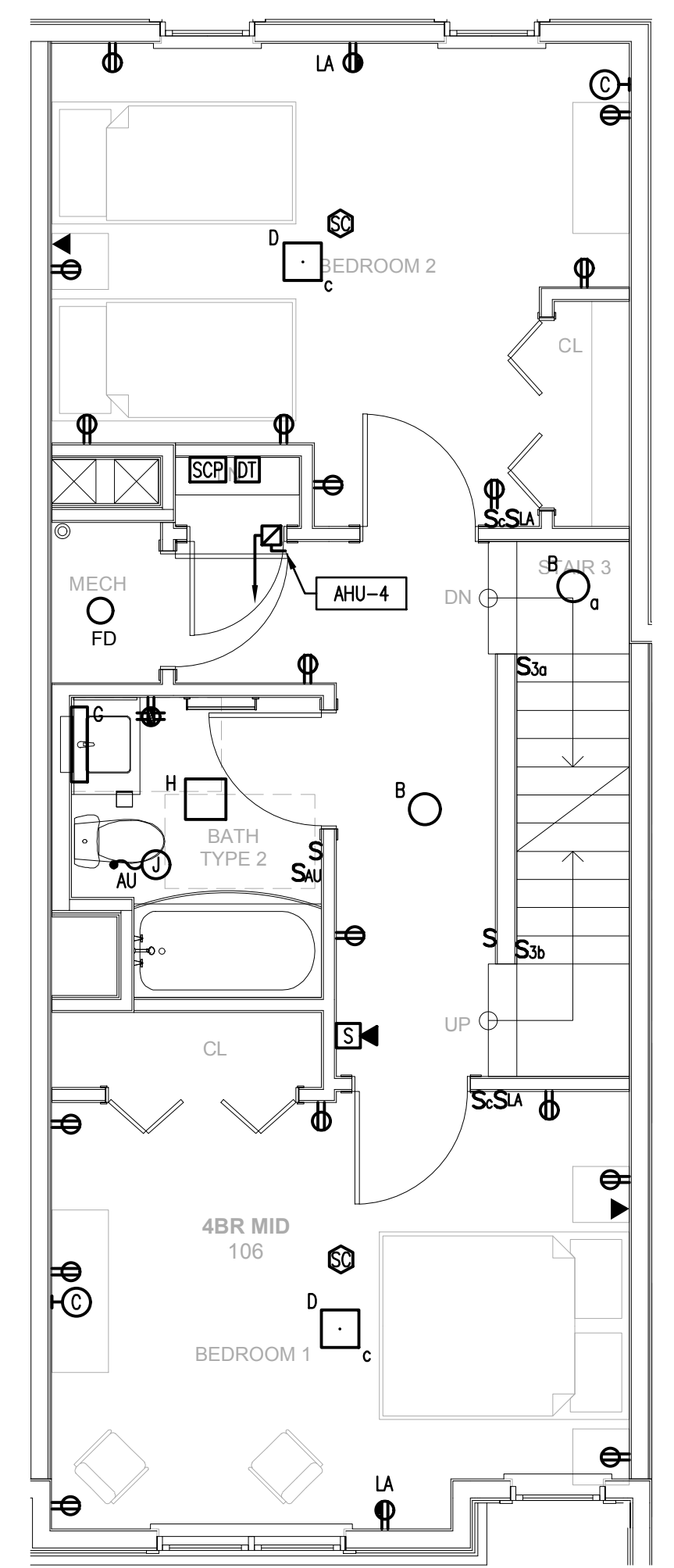
**TYPICAL UNIT PLANS
BUILDING A
ELECTRICAL**



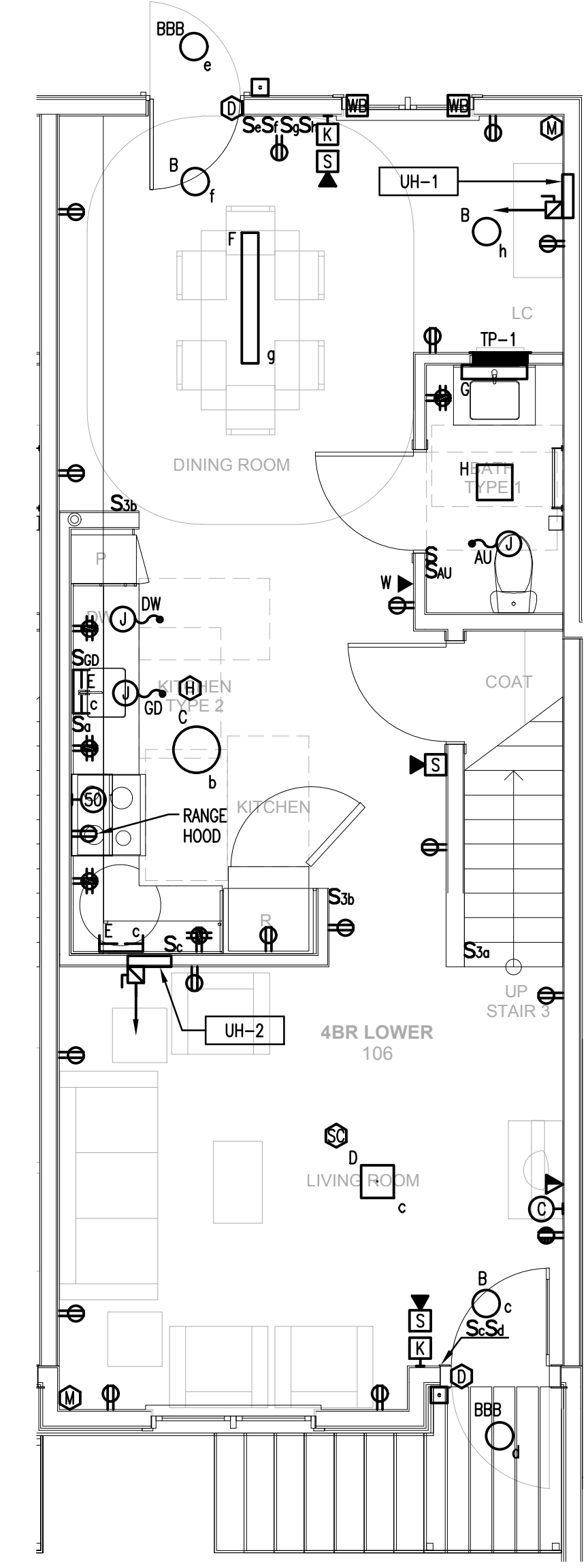
E-202



3 TOWNHOUSE THIRD FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"
(THREE BEDROOM TOWNHOUSE)



2 TOWNHOUSE SECOND FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"
(THREE BEDROOM TOWNHOUSE)



1 TOWNHOUSE FIRST FLOOR PLAN - ELECTRICAL
SCALE: 1/4"=1'-0"
(THREE BEDROOM TOWNHOUSE)

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



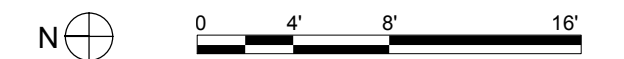
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| MARK | DATE | DESCRIPTION |

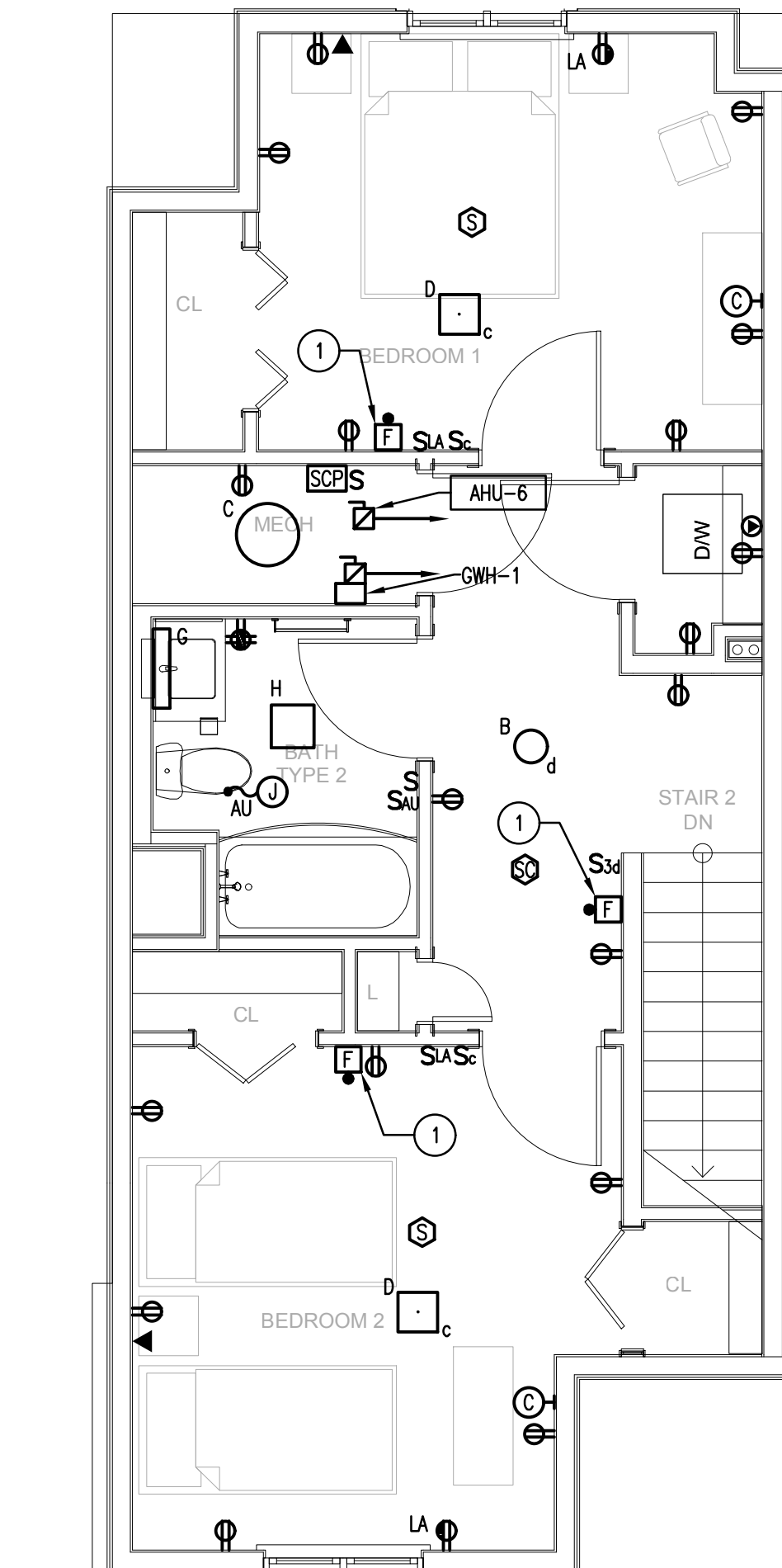
PROJECT NO.: 21222/CEN/TEK #13232.01
DRAWN BY: TJB
CHECKED BY: CKD

SHEET TITLE

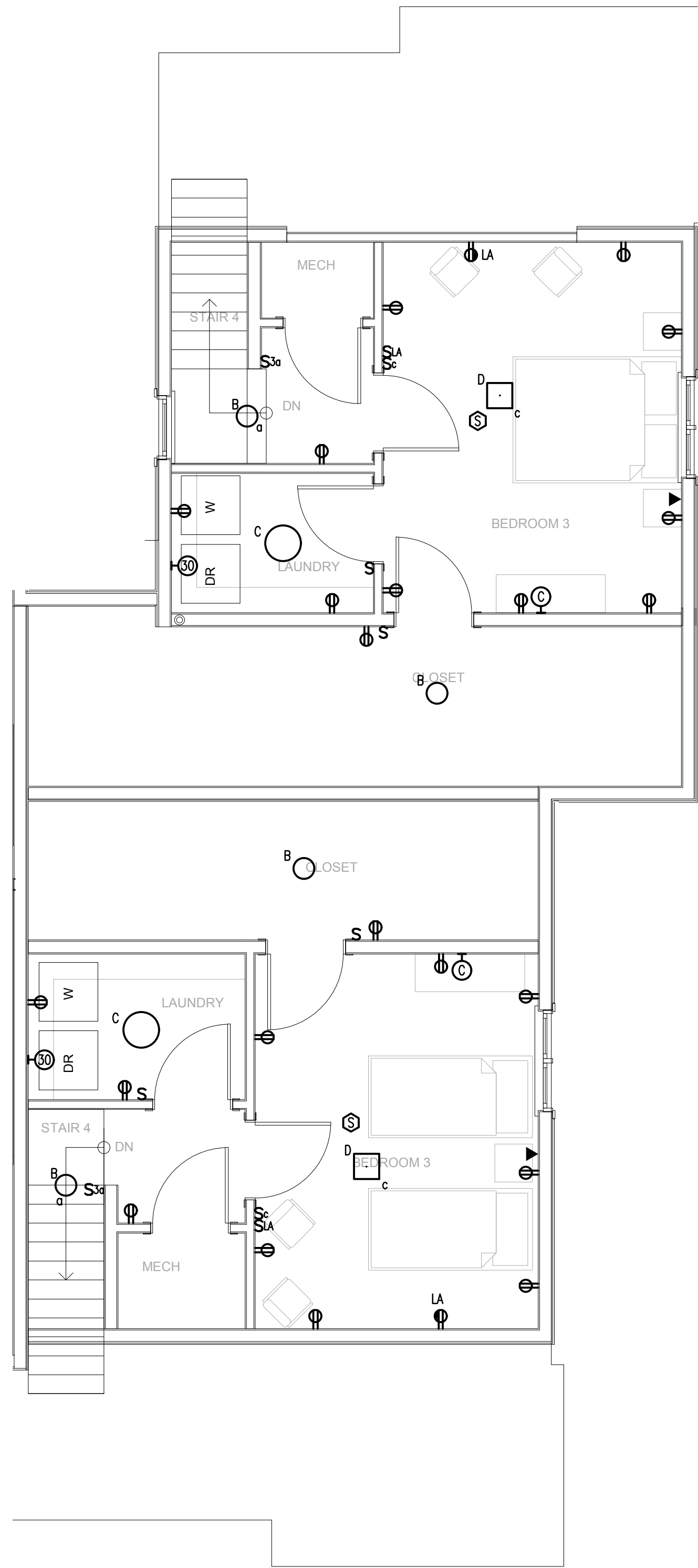
TYPICAL UNIT PLANS BUILDING A ELECTRICAL

E-203

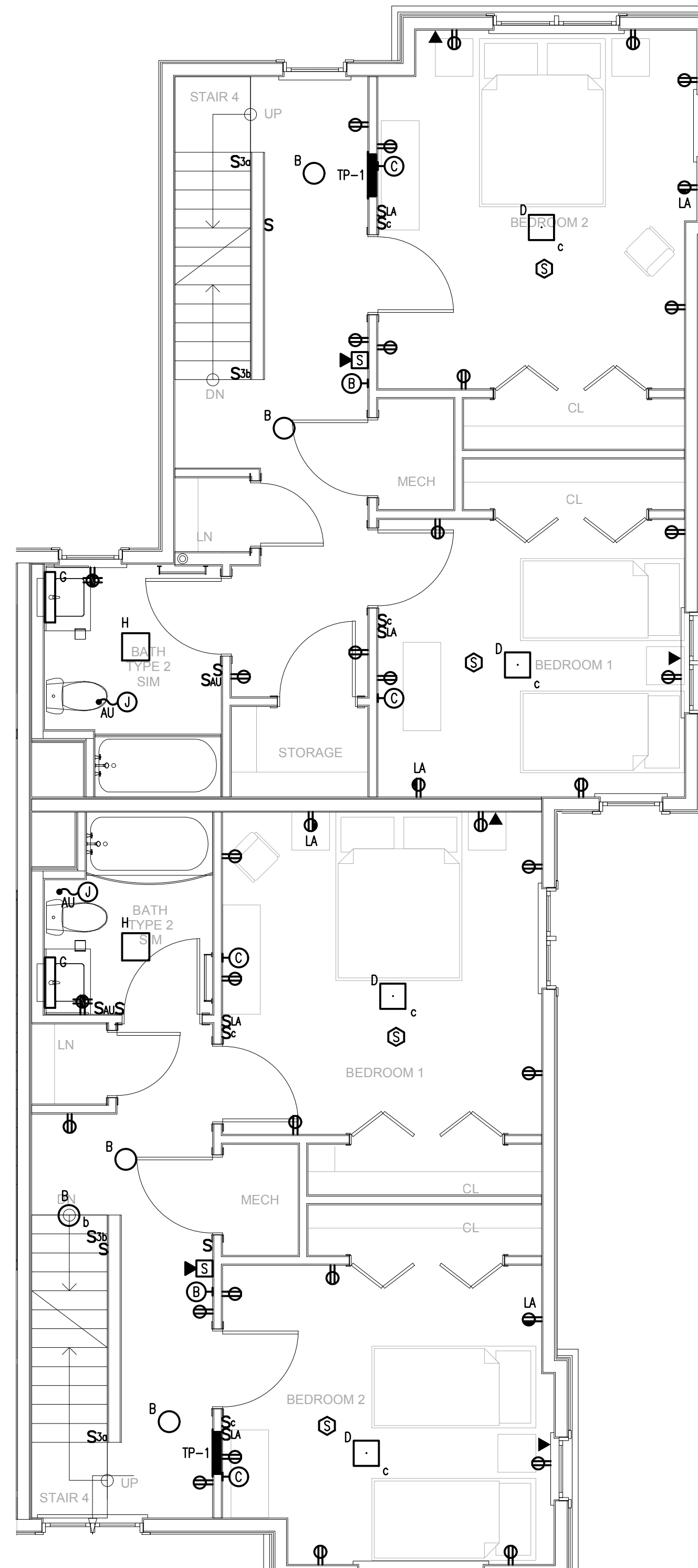
- ELECTRICAL WORK NOTES**
- 1 DEVICES SHALL BE INSTALLED ONLY IN UNIT 110 DESIGNATED FOR HEARING IMPAIRED.
 - 2 MASTER INTERCOMM SHALL BE PROVIDED WITH VISUAL NOTIFICATION IN UNIT 110, DESIGNATED FOR HEARING IMPAIRED.
 - 3 CONNECT TO SAME 120V CIRCUIT USED FOR SECURITY SYSTEM.
- GENERAL NOTE:
1. COORDINATE ALL WORK WITH ALL OTHER TRADES. REFER TO OTHER TRADE'S DRAWINGS FOR ADDITIONAL INFORMATION.
 2. REFER TO 4 BEDROOM UNIT FOR TYPICAL CIRCUIT ASSIGNMENTS.



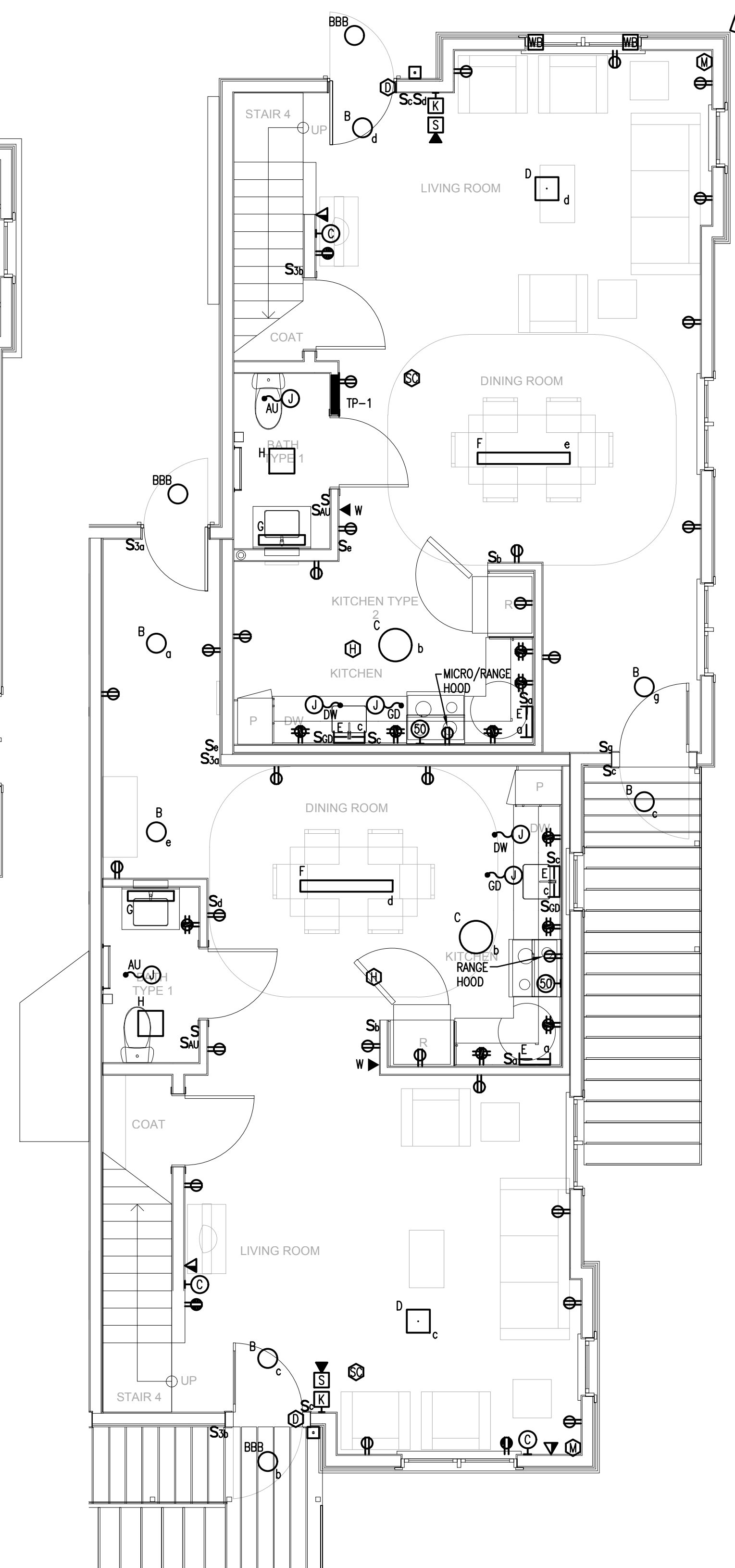
5 2BR DUPLEX THIRD FLOOR - ELECTRICAL
SCALE: 1/4"=1'-0"



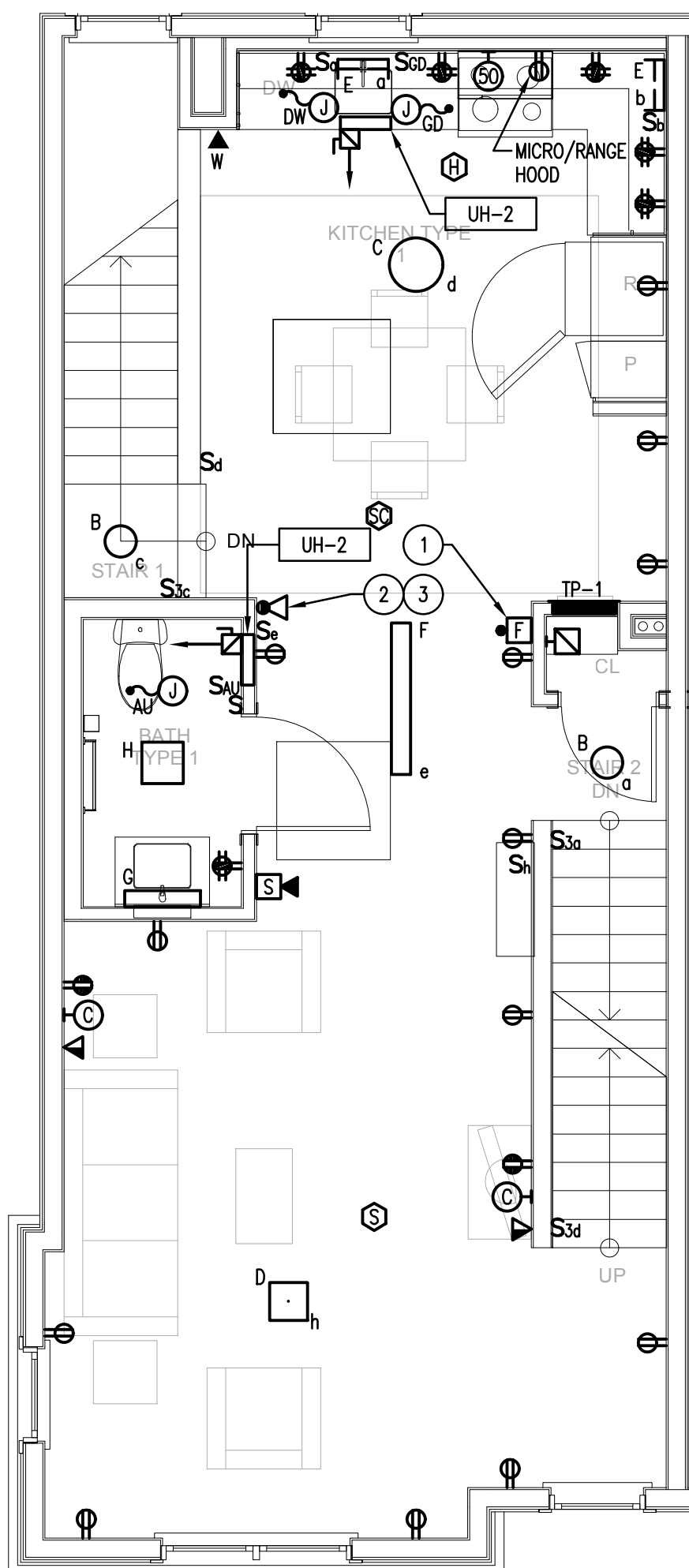
3 TOWNHOUSE THIRD FLOOR - ELECTRICAL
SCALE: 1/4"=1'-0"



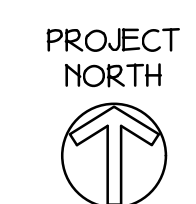
2 TOWNHOUSE SECOND FLOOR - ELECTRICAL
SCALE: 1/4"=1'-0"



1 TOWNHOUSE FIRST FLOOR - ELECTRICAL
SCALE: 1/4"=1'-0"



4 2BR DUPLEX SECOND FLOOR - ELECTRICAL
SCALE: 1/4"=1'-0"



Washington Village Phase 1

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PROJECT NO.: 21222/CEN^{TEK} #13232.01
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SHEET TITLE

BUILDING A ROOF PLAN - LIGHTNING PROTECTION

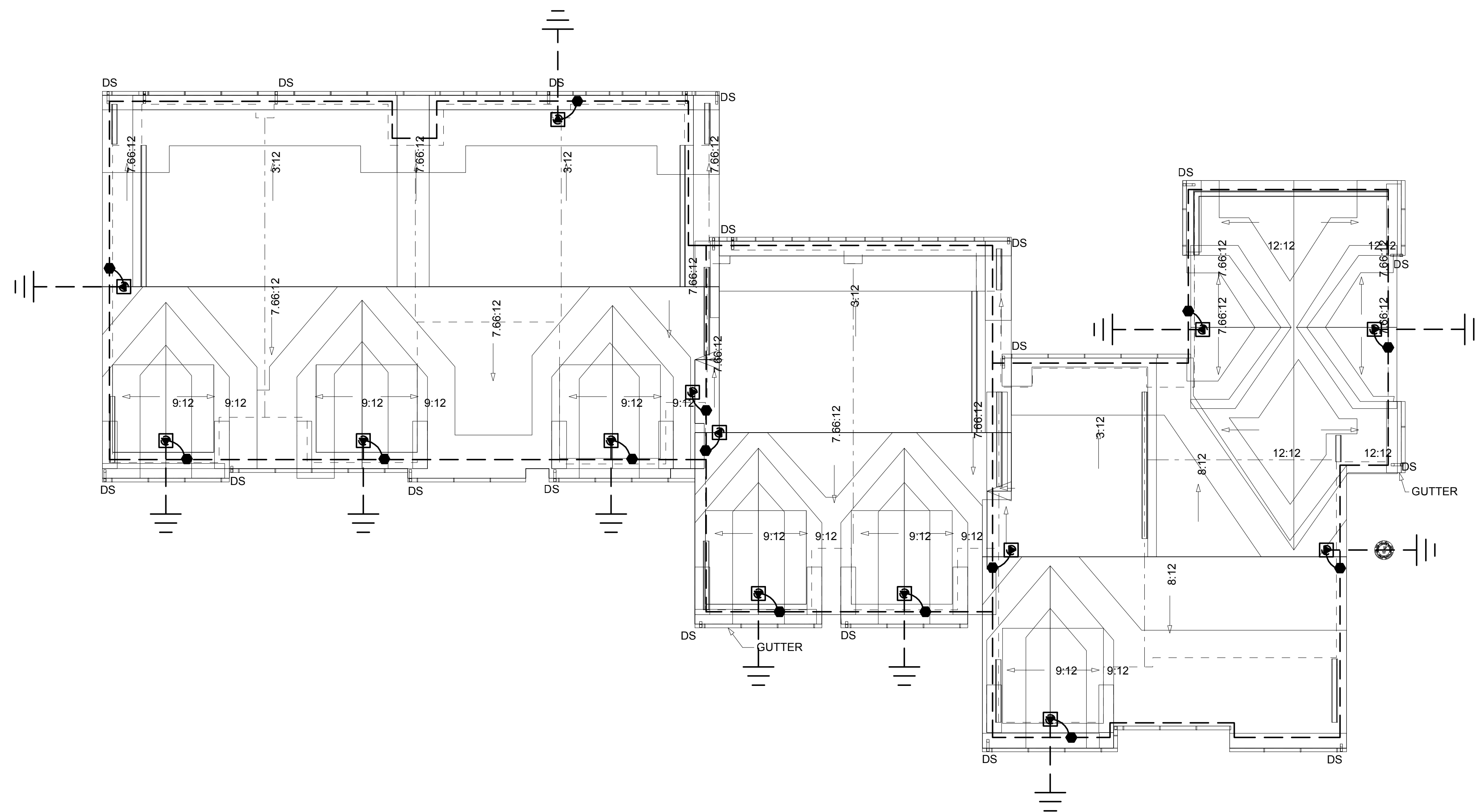
E-301

LIGHTNING PROTECTION LEGEND

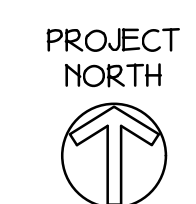
| | | | |
|--------------------------------------------------------|--|---------------------------------------|--|
| CONDUCTOR CABLE: | | STRUCTURAL STEEL TO GROUND ELECTRODE: | |
| CONCEALED CABLE: | | DOWNLEAD EXPOSED ON WALL: | |
| GROUNDING LOOP: | | BOND: | |
| AIR TERMINAL: | | GROUND PLATE: | |
| AIR TERMINAL W/ THRU ROOF UNIT: | | DOWNLEAD TO STEEL: | |
| TEST WELL: | | BUSBAR: | |
| THRU ROOF UNIT W/ CONCEALED CABLE TO GROUND ELECTRODE: | | THRU WALL UNIT: | |
| GROUND ELECTRODE: | | | |

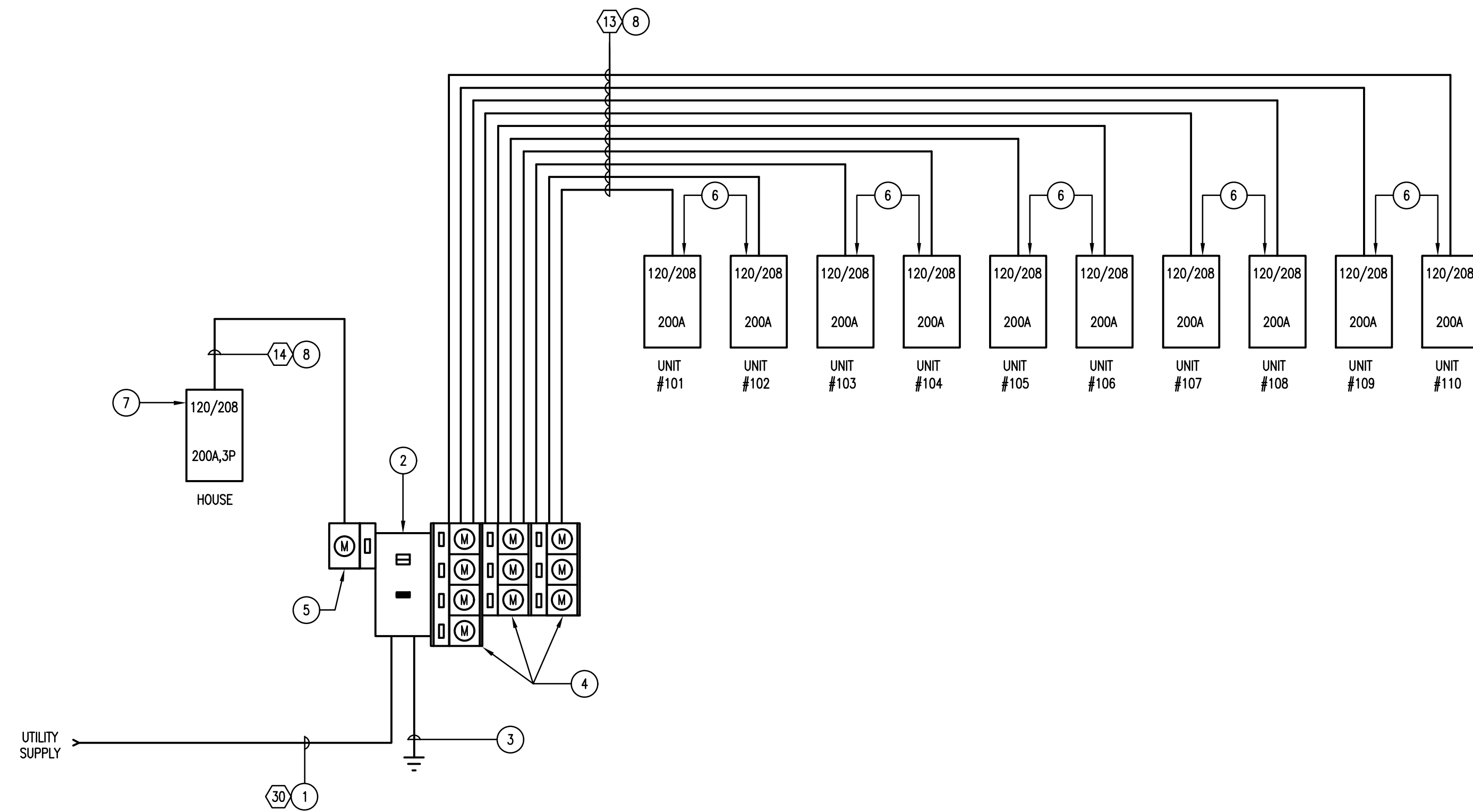
LIGHTNING PROTECTION GENERAL NOTES

1. PROVIDE CONTINUITY TO ALL METALLIC AND/OR ELECTRICALLY GROUNDED BODIES WITHIN 6 FEET OF THE MAIN LIGHTNING PROTECTION CONDUCTOR.
2. BOND WATER MAIN, ELECTRIC, CABLE TV, PHONE GROUNDS AND GAS OR OIL LINES IF SO STATED IN THE CONTRACT.
3. REFER TO PROJECT SPECIFICATIONS FOR DETAILED REQUIREMENTS OF LIGHTNING PROTECTION SYSTEM.

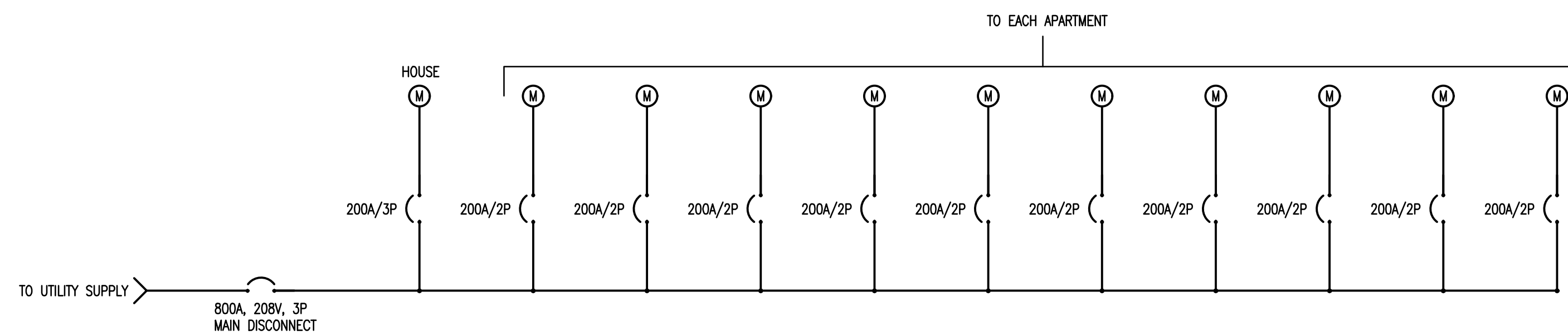


1 ROOF PLAN (BUILDING A) - ELECTRICAL LIGHTNING PROTECTION
SCALE: 1/8"=1'-0"





1 BUILDING A ELECTRICAL RISER
SCALE: NONE



2 BUILDING A ELECTRIC UTILITY ONE LINE DIAGRAM
SCALE: NONE

ELECTRICAL RISER DIAGRAM NOTES

- 1 CONDUITS AND CONDUCTORS FROM UTILITY COMPANY TRANSFORMER. COORDINATE WITH SITE ENGINEER AND UTILITY COMPANY.
- 2 800A, 208V/120V, 3P, 4W, NEMA-3R, SE RATED, MAIN CIRCUIT BREAKER ENCLOSURE WITH 800A MAIN CIRCUIT BREAKER. AIC RATING SHALL BE GREATER THAN AVAILABLE FAULT CURRENT FROM UTILITY, AND SHALL NOT BE LESS THAN 65 KAC.
- 3 3/0 SERVICE GROUND PER NEC. PROVIDE ALL NEC BONDING CONNECTIONS, INCLUDING TO WATER MAIN AND LIGHTNING PROTECTION.
- 4 TWO 3-GANG AND ONE 4-GANG, NEMA-3R, MULTI-METER BRANCH UNITS. EACH BRANCH UNIT SHALL BE 120/208V, 3-PHASE INCOMING, AND 120/208V SINGLE PHASE OUTGOING, WITH 208V, 200A, 2P CIRCUIT BREAKERS PROVIDED FOR EACH UNIT. METER SOCKETS SHALL BE RINGLESS WITH LEVER BYPASS. ADDITIONAL OPTIONS/FEATURES SHALL BE PER UTILITY COMPANY REQUIREMENTS.
- 5 1-GANG BRANCH UNITS. NEMA-3R, 120/208V, 3P INCOMING, AND 120/208V 3P OUTGOING, WITH 208V, 200A, 3P CIRCUIT BREAKERS FOR HOUSE SERVICE. METER SOCKET SHALL BE RINGLESS WITH LEVER BYPASS. ADDITIONAL OPTIONS/FEATURES SHALL BE PER UTILITY COMPANY REQUIREMENTS.
- 6 NEW POWER PANEL: NEMA-1, FLUSH MOUNT, DOOR-IN-DOOR, COPPER BUS, BOLT ON BREAKERS, 42 POSITION, 200A, 240V, SINGLE PHASE, ALL SPACES POPULATED WITH 20A, 1P, SPARE BREAKERS, 200A MAIN CIRCUIT BREAKER, AIC RATING TO EXCEED AVAILABLE FAULT CURRENT.
- 7 HOUSE PANEL: NEMA-1, FLUSH MOUNT, DOOR-IN-DOOR, COPPER BUS, BOLT ON BREAKERS, 42 POSITION, 200A, 240V, 3 PHASE, ALL SPACES POPULATED WITH 20A, 1P, SPARE BREAKERS, 200A MAIN CIRCUIT BREAKER, AIC RATING TO EXCEED AVAILABLE FAULT CURRENT.
- 8 ADJUST CONDUIT AND CONDUCTOR SIZES AS REQUIRED FOR MAXIMUM VOLTAGE DROP OF 2%.

GENERAL NOTES:

1. COORDINATE ALL REQUIREMENTS WITH UTILITY COMPANY AND PROVIDE ALL ELEMENTS NOT PROVIDED BY UTILITY COMPANY. ALL MATERIALS AND EQUIPMENT MUST BE UTILITY COMPANY APPROVED.
2. ALL RESIDENTIAL UNIT ELECTRICAL PANELS SHALL BE SHOP PAINTED A CUSTOM COLOR SELECTED BY ARCHITECT. PROVIDE PANEL COVERS WITH PAINTABLE FINISH.
3. PROVIDE LABEL AT EACH METER INDICATING EACH UNIT NUMBER, AND THE HOUSE SERVICE.
4. PROVIDE FAULT CURRENT STUDY AND INSTALL LABEL INDICATING AVAILABLE FAULT CURRENT AND DATE OF STUDY, PER NEC REQUIREMENTS.
5. PROVIDE ARC FLASH WARNING LABEL ON ALL SERVICE AND DISTRIBUTION EQUIPMENT PER NEC REQUIREMENTS.
6. COORDINATE WITH SITE UTILITY PLAN.
7. INSTALL EXPANSION COUPLINGS WHERE CONDUITS EXTEND ABOVE GRADE.
8. METER BRANCH UNIT ARRANGEMENT SHOWN APPROXIMATE. ADJUST AS REQUIRED BY MFG AND TO AVOID CONFLICTS.

**Washington Village
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SHEET TITLE

**ELECTRICAL RISER
DIAGRAM
(BUILDING A)**

E-401

Washington Village
Phase 1

13 Day Street
Building A

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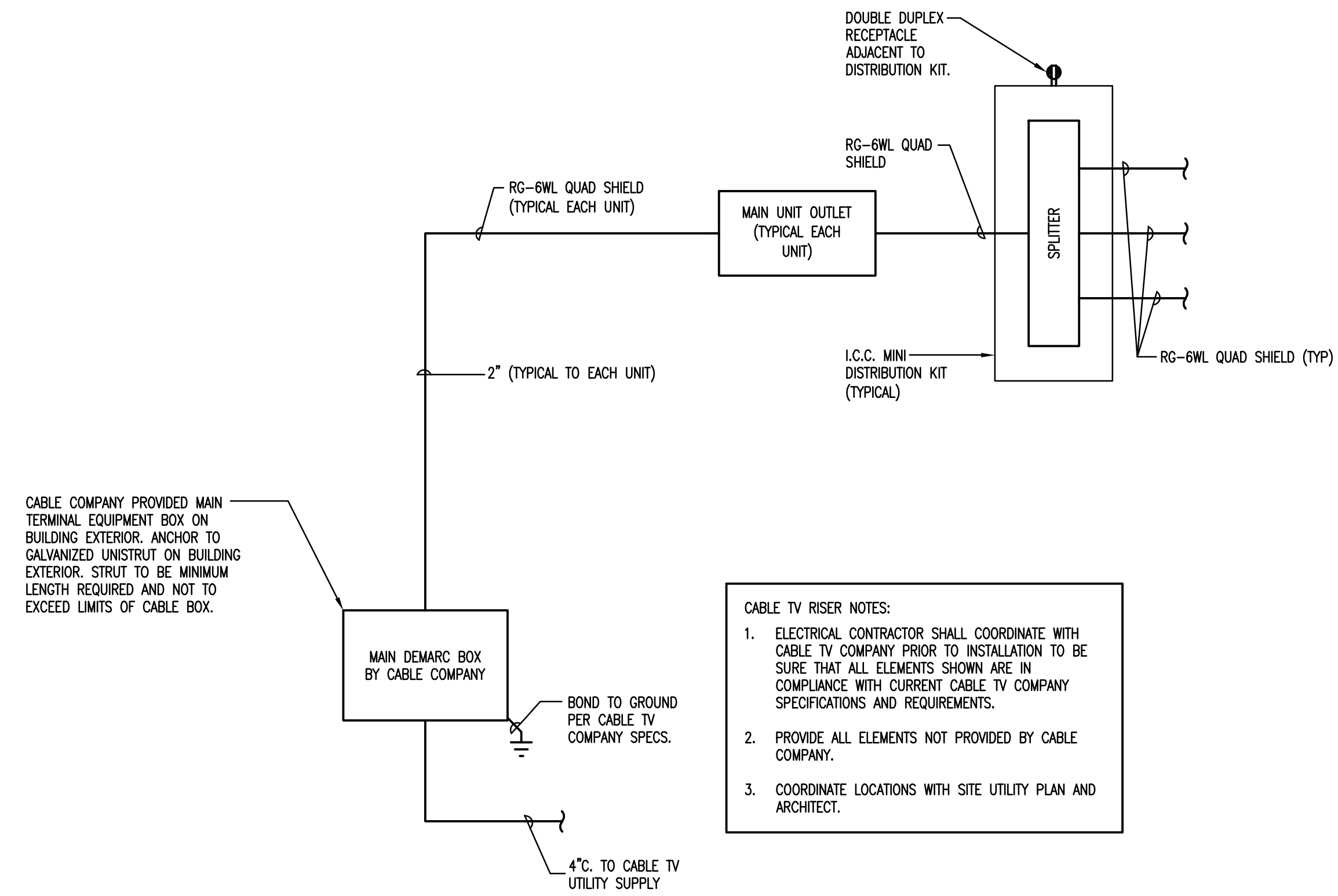
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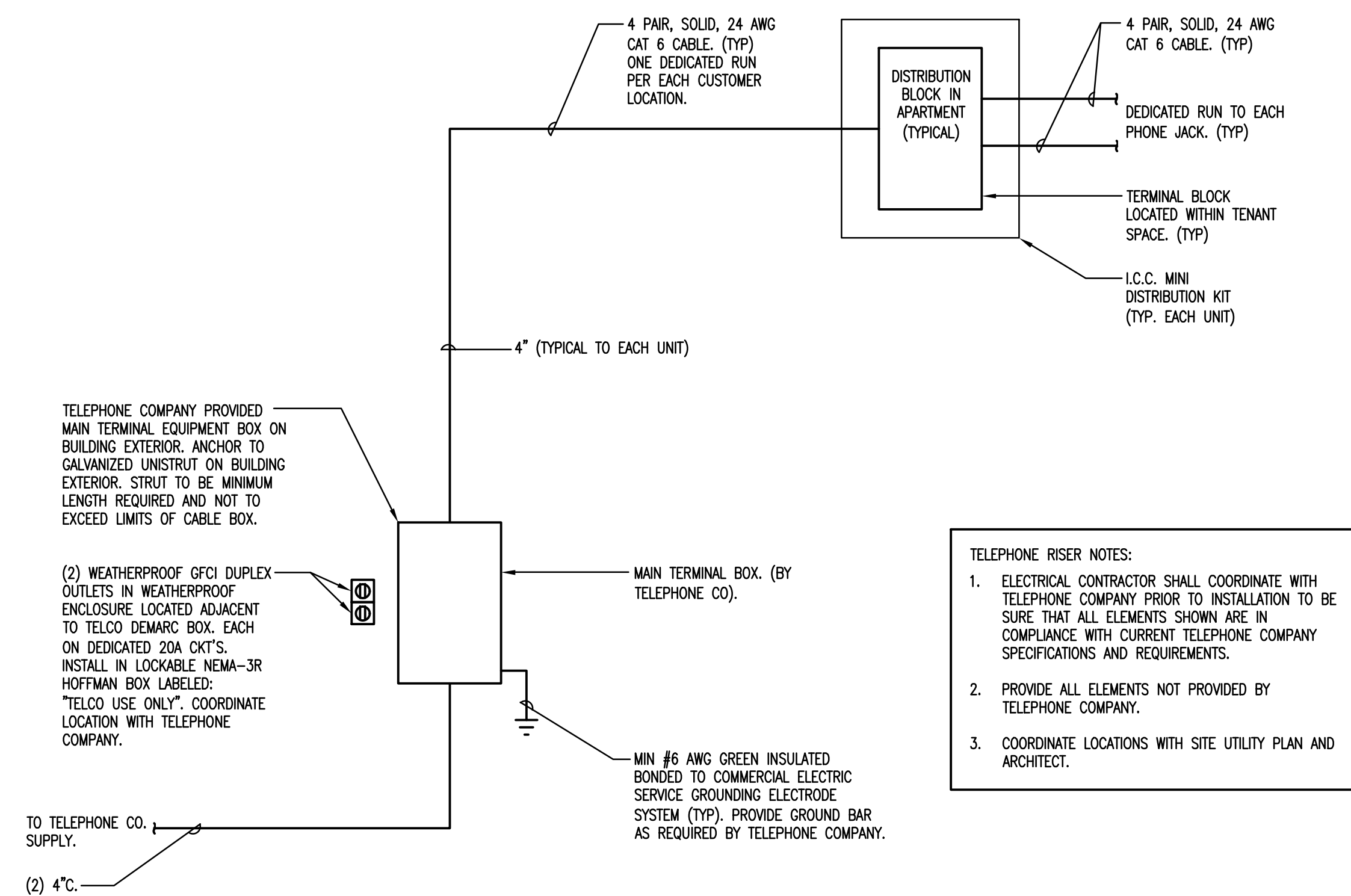


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1 CABLE TV RISER DIAGRAM
SCALE: N.T.S.



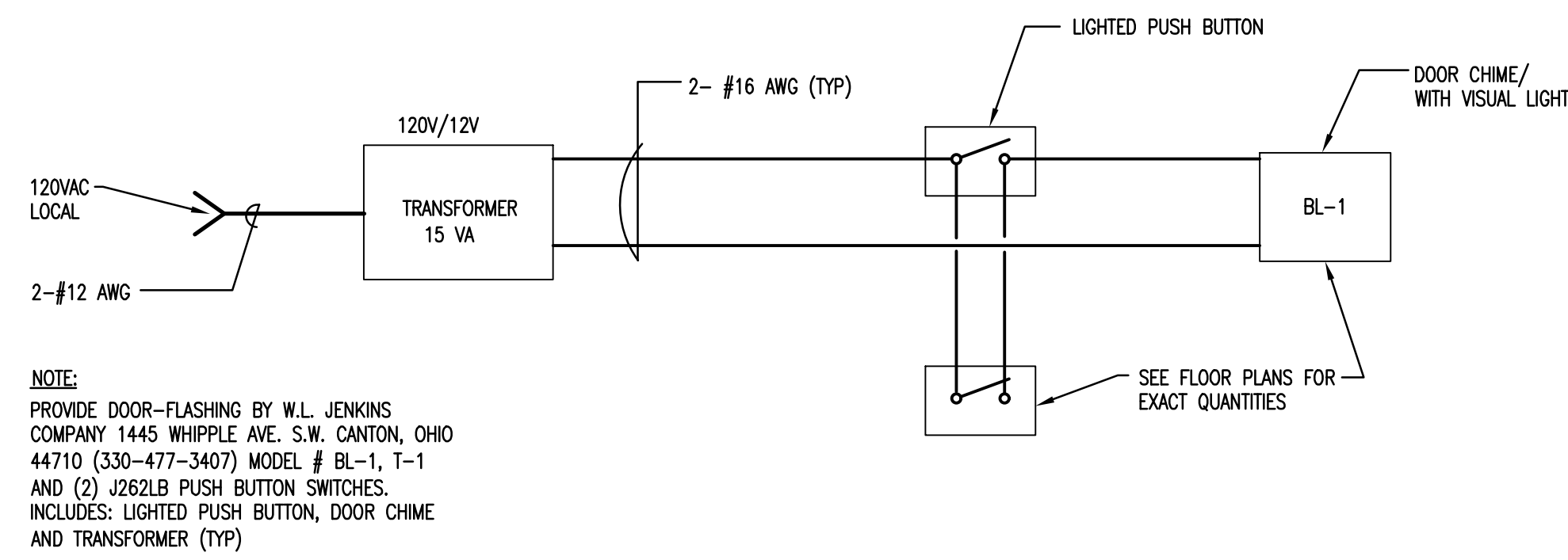
2 TELEPHONE RISER DIAGRAM
SCALE: N.T.S.

| MARK | DATE | DESCRIPTION |
|------|------------|---------------------|
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| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |

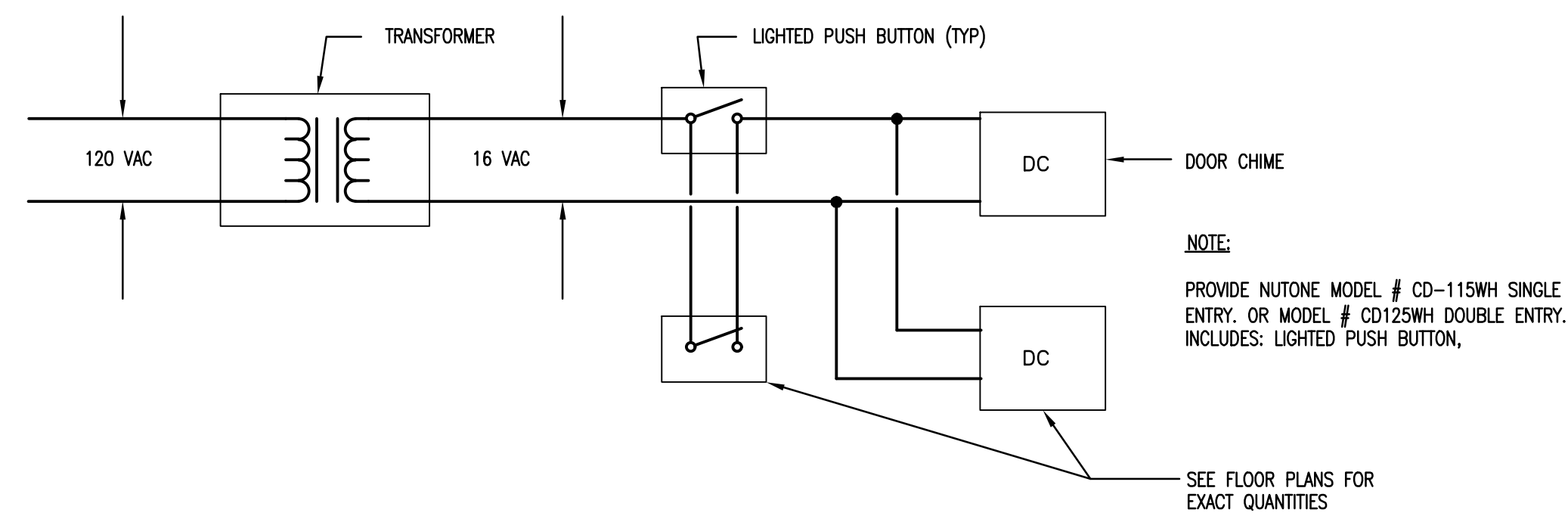
PROJECT NO.: 21222/CENTEK #13232.01
DRAWN BY: TJB
CHECKED BY: CKD

SHEET TITLE
**TELEPHONE AND
CABLE RISER
DIAGRAMS**

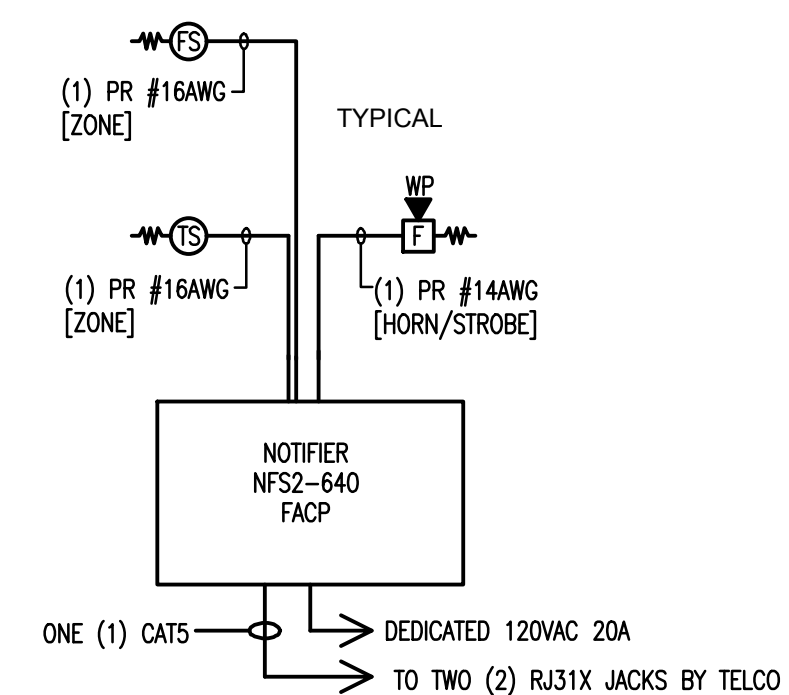
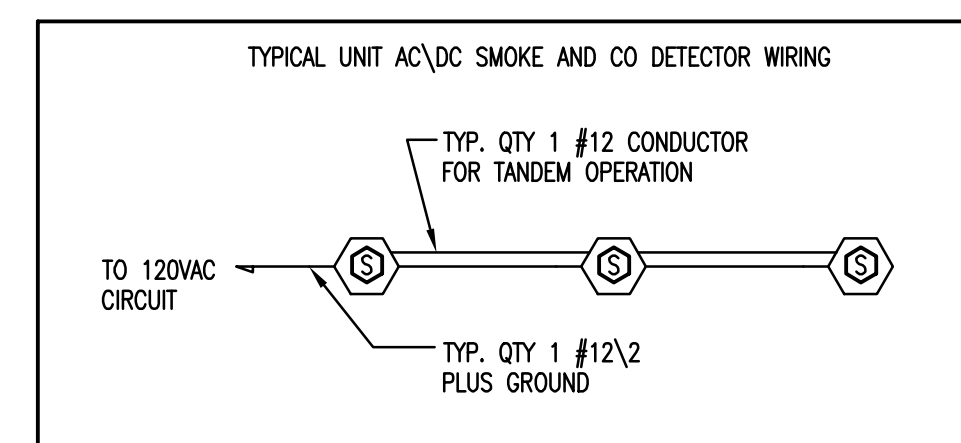
E-402



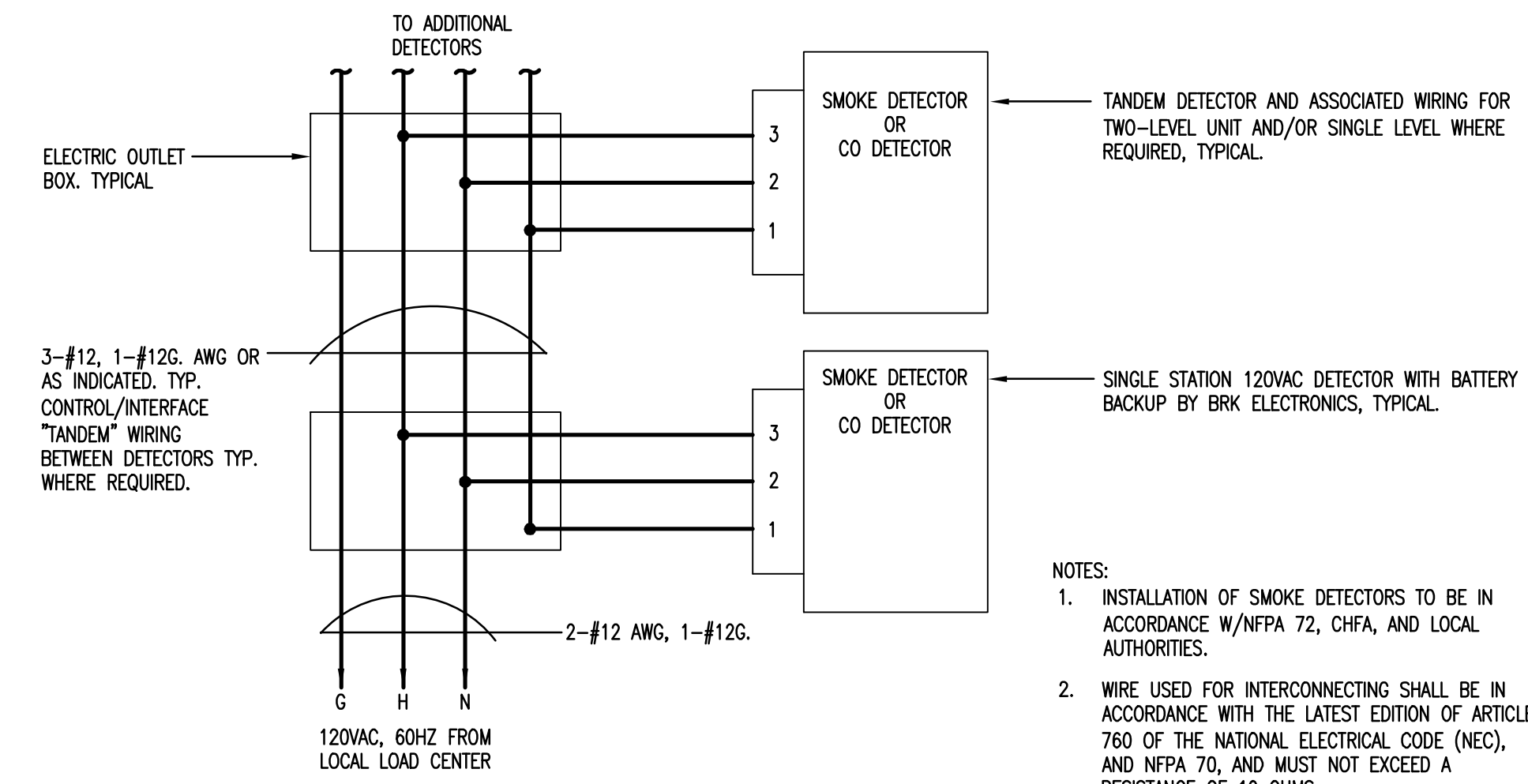
1 DOOR CHIME SCHEMATIC (HANDICAPPED UNITS)
SCALE: N.T.S.



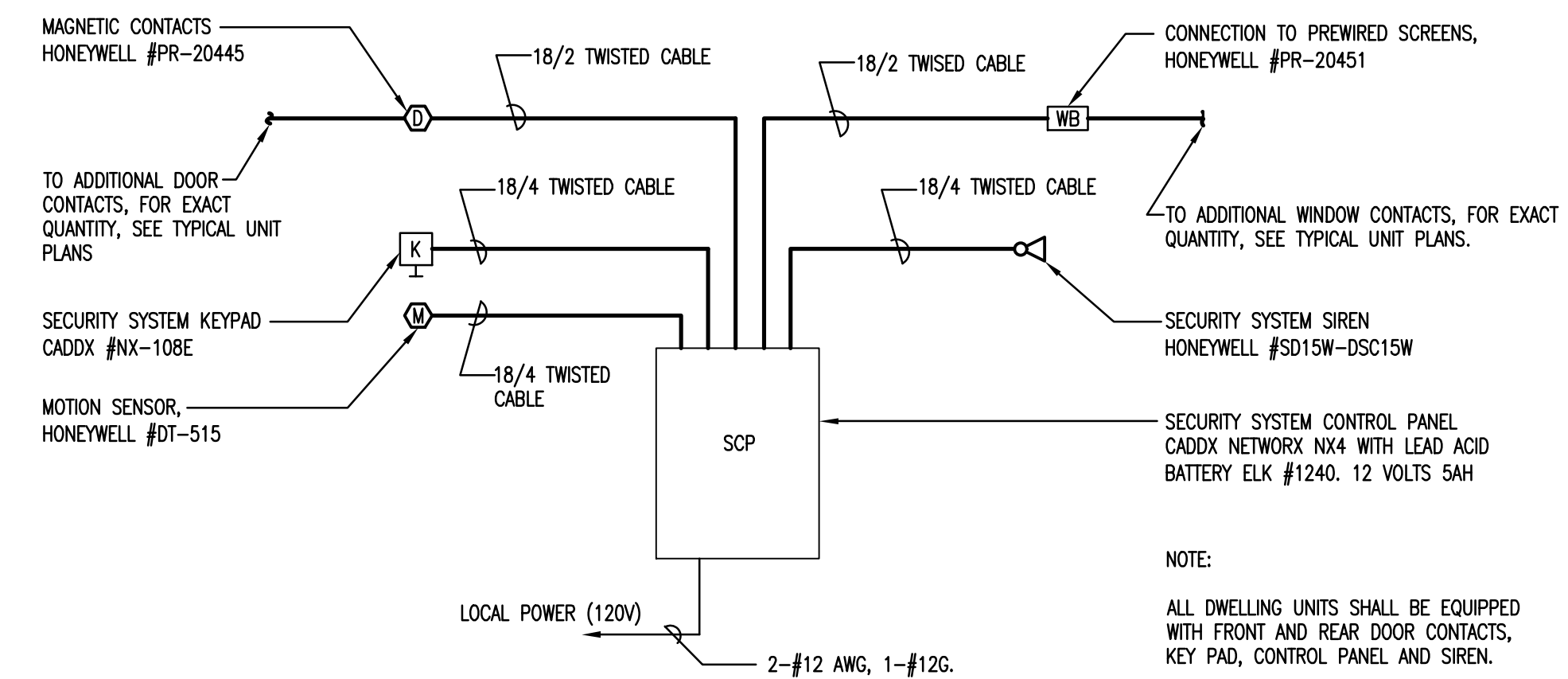
3 DOOR CHIME SCHEMATIC
SCALE: N.T.S.



5 BUILDING A FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.



2 SMOKE AND CARBON MONOXIDE ALARM (TANDEM WIRING DIAGRAM)
SCALE: N.T.S.



4 ONE-LINE UNIT SECURITY SYSTEM (TYP)
SCALE: N.T.S.

Washington Village Phase 1

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ELECTRICAL RISER DIAGRAMS

E-403

| | | | | | | | | | |
|---------------|------------------------------------------------------------------------------------------------------|---------|-----|--------|---|-----------------|-------|-----------|---------|
| VOLTAGE: | 120/208 | PHASE: | 3 | WIRE: | 4 | TOTAL WATTS, L1 | 2,330 | PANEL NO. | HP-1 |
| MAIN BUS: | 225 | AMPS | | | | TOTAL WATTS, L2 | 2,380 | | |
| MAIN BREAKER: | 200 | A FRAME | 200 | A TRIP | | TOTAL WATTS, L3 | 1,660 | LOC. | MECH RM |
| MOUNTING: | | | | | | TOTAL WATTS | 6,370 | | |
| NOTES: | 225A, 208Y/120V, 3P, 4W, 65 KAIC, 42 POSITION, DOOR-IN-DOOR, 225A MCB, BOLT-ON BREAKERS, COPPER BUS. | | | | | | | | |

| DIRECTORY | WATTS LOAD | | | CKT. | AMPS | L1 L2 L3 | | | AMPS | CKT. | WATTS LOAD | | | DIRECTORY |
|----------------------|------------|-------|-------|------|------|----------|----|----|------|------|------------|--|--|---------------|
| | L1 | L2 | L3 | | | L1 | L2 | L3 | | | | | | |
| FIRE ALARM | 250 | | | 1 | 20 | | | | 20 | 2 | 900 | | | SITE LIGHTING |
| SITE LIGHTING | | 1,200 | | 3 | 20 | | | | | 4 | | | | SPACE |
| SITE LIGHTING | | | 1,200 | 5 | 20 | | | | | 6 | | | | SPACE |
| RECEPT - EXTERIOR | 900 | | | 7 | 20 | | | | | 8 | | | | SPACE |
| RECEPT - EXTERIOR | | 900 | | 9 | 20 | | | | | 10 | | | | SPACE |
| RECEPT/LTG - MECH RM | | | 360 | 11 | 20 | | | | | 12 | | | | SPACE |
| UH-5 | 100 | | | 13 | 20 | | | | | 14 | | | | SPACE |
| RADON FAN | | 100 | | 15 | 20 | | | | | 16 | | | | SPACE |
| RADON FAN | | | 100 | 17 | 20 | | | | | 18 | | | | SPACE |
| RECEPT - TELCO | 180 | | | 19 | 20 | | | | | 20 | | | | SPACE |
| RECEPT - TELCO | | 180 | | 21 | 20 | | | | | 22 | | | | SPACE |
| SPARE | | | | 23 | 20 | | | | | 24 | | | | SPACE |
| SPARE | | | | 25 | 20 | | | | | 26 | | | | SPACE |
| SPARE | | | | 27 | 20 | | | | | 28 | | | | SPACE |
| SPARE | | | | 29 | 20 | | | | | 30 | | | | SPACE |
| SPARE | | | | 31 | 20 | | | | | 32 | | | | SPACE |
| SPARE | | | | 33 | 20 | | | | | 34 | | | | SPACE |
| SPARE | | | | 35 | 20 | | | | | 36 | | | | SPACE |
| SPARE | | | | 37 | 20 | | | | | 38 | | | | SPACE |
| SPARE | | | | 39 | 20 | | | | | 40 | | | | SPACE |
| SPARE | | | | 41 | 20 | | | | | 42 | | | | SPACE |

| | | | | | | | | | |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----|--------|---|-----------------|--------|------|----------|
| VOLTAGE: | 240/120 | PHASE: | 1 | WIRE: | 3 | PANEL NO. | TP-1 | | |
| MAIN BUS: | 200 | AMPS | | | | TOTAL WATTS, L1 | 22,288 | | |
| MAIN BREAKER: | 200 | A FRAME | 200 | A TRIP | | TOTAL WATTS, L2 | 21,628 | LOC: | PER PLAN |
| MOUNTING: | FLUSH | | | | | TOTAL WATTS | 43,916 | | |
| NOTES: | 200A, 120/240, SINGLE PHASE, 3W, 65 KAIC, 42 POSITION, DOOR-IN-DOOR, 200A MCB, BOLT-ON BREAKERS. FRONT COVER/TRIM SHALL HAVE PAINTABLE FINISH AND BE FIELD PAINTED AN ARCH APPROVED COLOR. | | | | | | | | |

| DIRECTORY | WATTS LOAD | | | CKT. | AMPS | L1 L2 L3 | | | AMPS | CKT. | WATTS LOAD | | | DIRECTORY |
|------------------------|------------|-------|----|------|-------|----------|----|----|-------|------|------------|--|--|------------------------|
| | L1 | L2 | L3 | | | L1 | L2 | L3 | | | | | | |
| OVEN | 4,000 | | | 1 | 50/2P | | | | 20 | 2 | 250 | | | SMOKE / CO DETECTORS |
| | | 4,000 | | 3 | | | | | 20 | 4 | 400 | | | REC - 1ST FL BATHROOM |
| DRYER | 2,500 | | | 5 | 30/2P | | | | 20 | 6 | 900 | | | REC - DINING |
| | | 2,500 | | 7 | | | | | 20 | 8 | 350 | | | LTG - KITCHEN/DINING |
| WASHING MACHINE | 1,200 | | | 9 | 20 | | | | 20 | 10 | 1,000 | | | REC/LTG - FAMILY ROOM |
| DISHWASHER | | 1,200 | | 11 | 20 | | | | 20 | 12 | 1,000 | | | REC/LTG - FAMILY ROOM |
| MICROWAVE | 1,200 | | | 13 | 20 | | | | 20 | 14 | 180 | | | REC - 2ND FL BATHROOM |
| RECEPT - KITCHEN | | 1,500 | | 15 | 20 | | | | 20 | 16 | 900 | | | REC/LTG - 2ND FLOOR |
| RECEPT - KITCHEN | 1,500 | | | 17 | 20 | | | | 20 | 18 | 720 | | | REC/LTG - 2ND FL BEDRM |
| WATER HEATER - GWH-1 | | 200 | | 19 | 20 | | | | 20 | 20 | 800 | | | REC/LTG - 2ND FL BEDRM |
| RECEPT - NET MEDIA CTR | 360 | | | 21 | 20 | | | | 20 | 22 | 720 | | | REC/LTG - 2ND FL BEDRM |
| RECEPT - LAUNDRY | | 1,500 | | 23 | 20 | | | | 20 | 24 | 800 | | | REC/LTG - 2ND FL BEDRM |
| REC - FRIDGE | 1,200 | | | 25 | 20 | | | | 20 | 26 | 180 | | | REC - 3RD FL BATHROOM |
| SECURITY/DOORBELL | | 500 | | 27 | 20 | | | | 20 | 28 | 1,100 | | | REC/LTG - 3RD FLOOR |
| GARBAGE DISPOSAL | 1,500 | | | 29 | 20 | | | | 20 | 30 | 720 | | | REC/LTG - 3RD FL BEDRM |
| UNIT HEATERS | | | | 31 | 20 | | | | 20 | 32 | 800 | | | REC/LTG - 3RD FL BEDRM |
| AHU-4 | 200 | | | 33 | 20/2P | | | | 20 | 34 | 800 | | | REC/LTG - 3RD FL BEDRM |
| | | 200 | | 35 | | | | | 20 | 36 | 720 | | | REC/LTG - 3RD FL BEDRM |
| AHU-6 | | 350 | | 37 | 20/2P | | | | 20 | 38 | | | | SPARE |
| | | | | 39 | | | | | 30/2P | 40 | 2,808 | | | CU-1 |
| SPARE | | | | 41 | 20 | | | | | 42 | 2,808 | | | |

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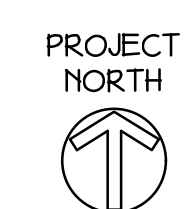
N ⊕

| | 09-15-2014 | PERMIT/ PRICING |
|------|------------|---------------------|
| | 06-13-2014 | PRICING |
| | 11-18-2013 | 40% CHFA |
| | 09-19-2013 | CAM/ SPECIAL PERMIT |
| MARK | DATE | DESCRIPTION |

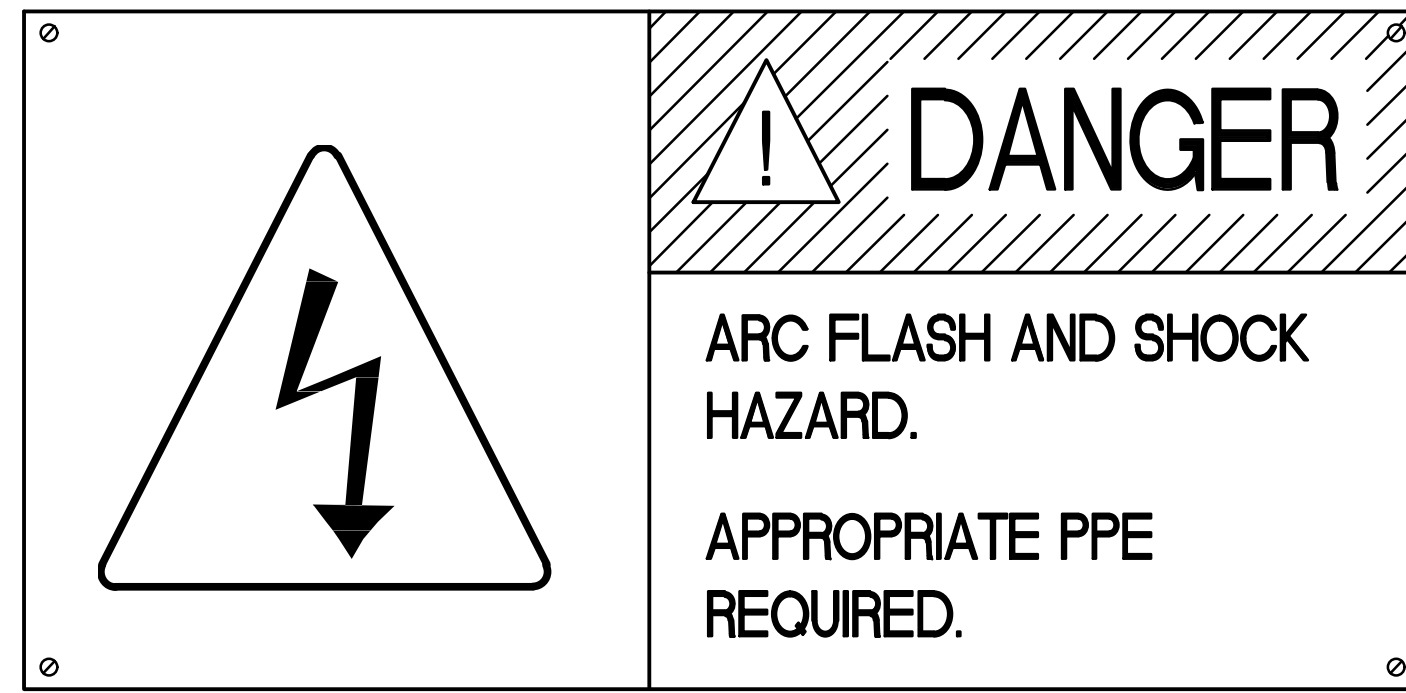
PROJECT NO.: 21222/CENTEK #13232.01
DRAWN BY: TJB
CHECKED BY: CKD

SHEET TITLE

BUILDING A
ELECTRICAL
PANELBOARD
SCHEDULES

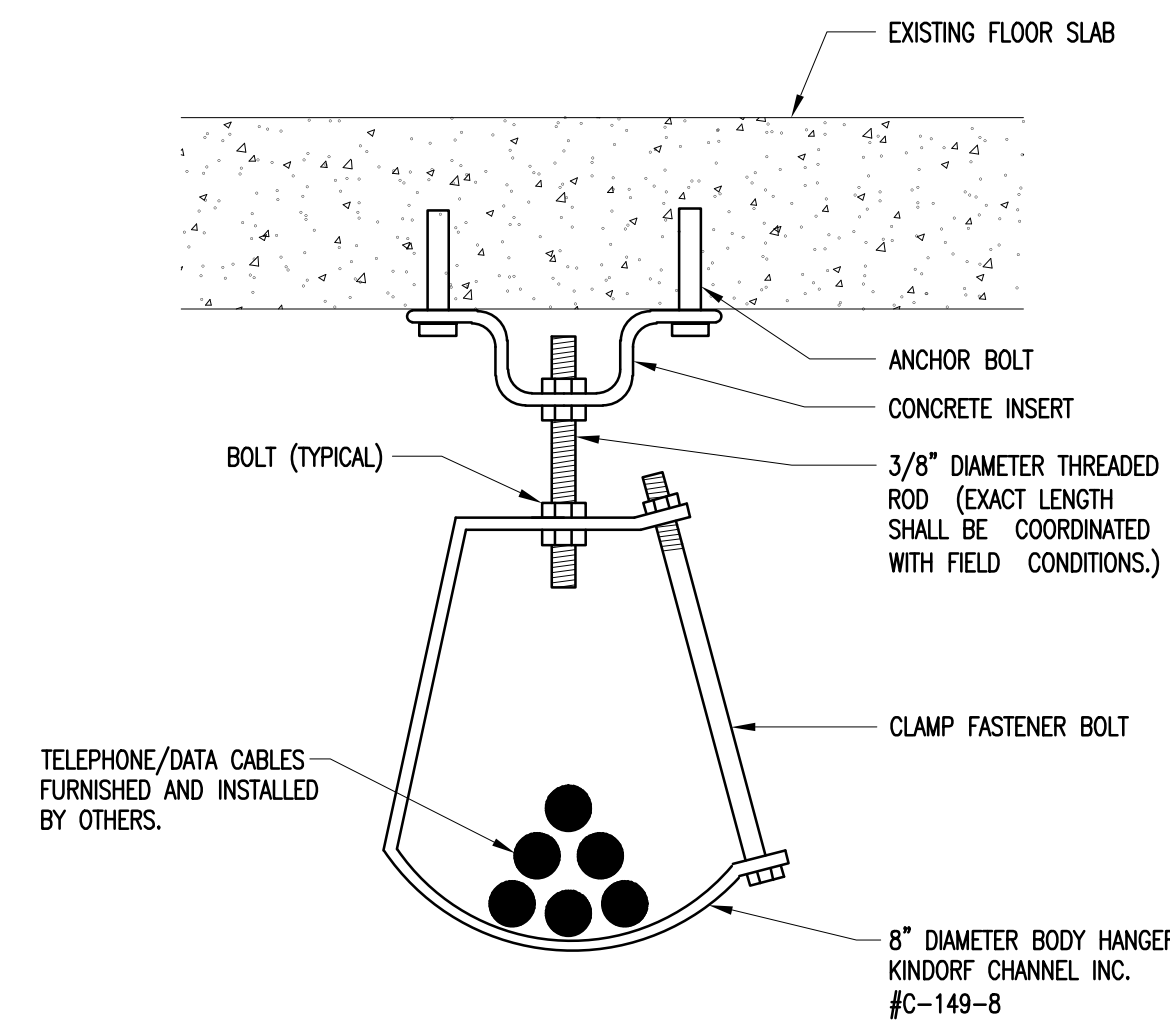


E-501

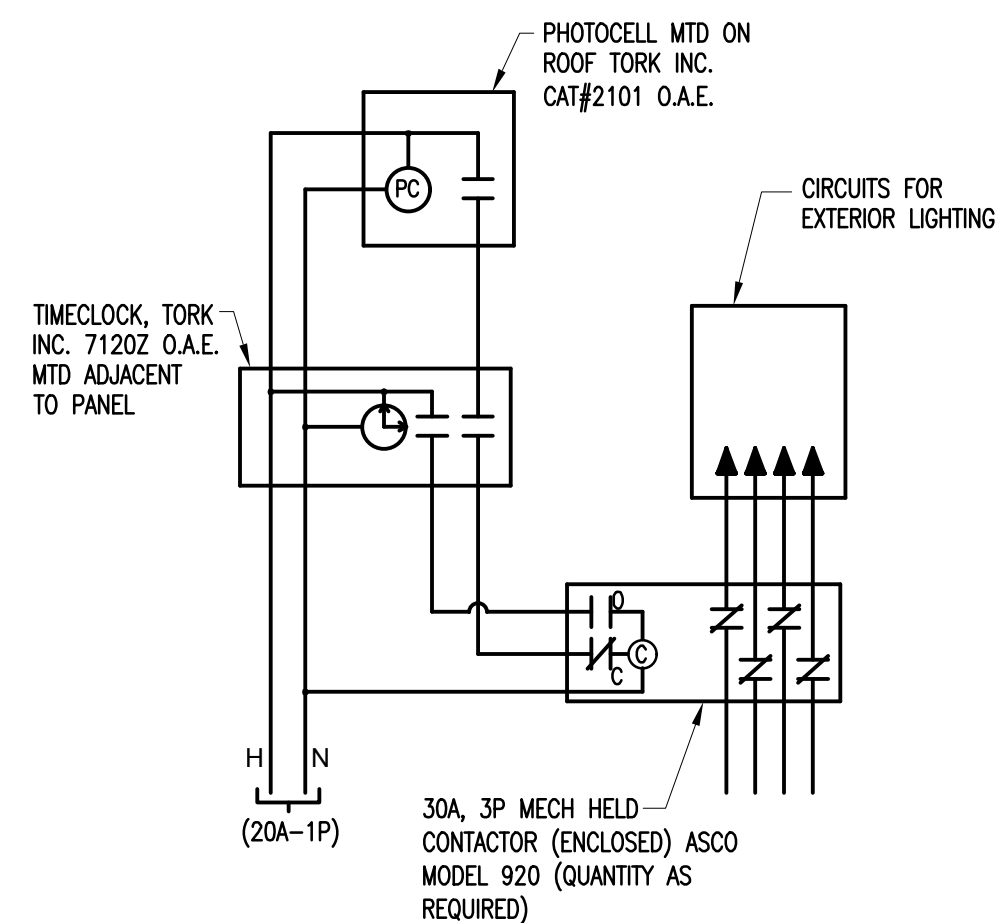


- NOTES:
- REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
 - PROVIDE WARNING LABEL ON ALL SWITCHBOARDS, DISTRIBUTION PANELS, PANELBOARDS IN ACCORDANCE WITH NEC 110.16.

1 DETAIL OF HOUSE PANEL FLASH PROTECTION WARNING SIGN
N.T.S.

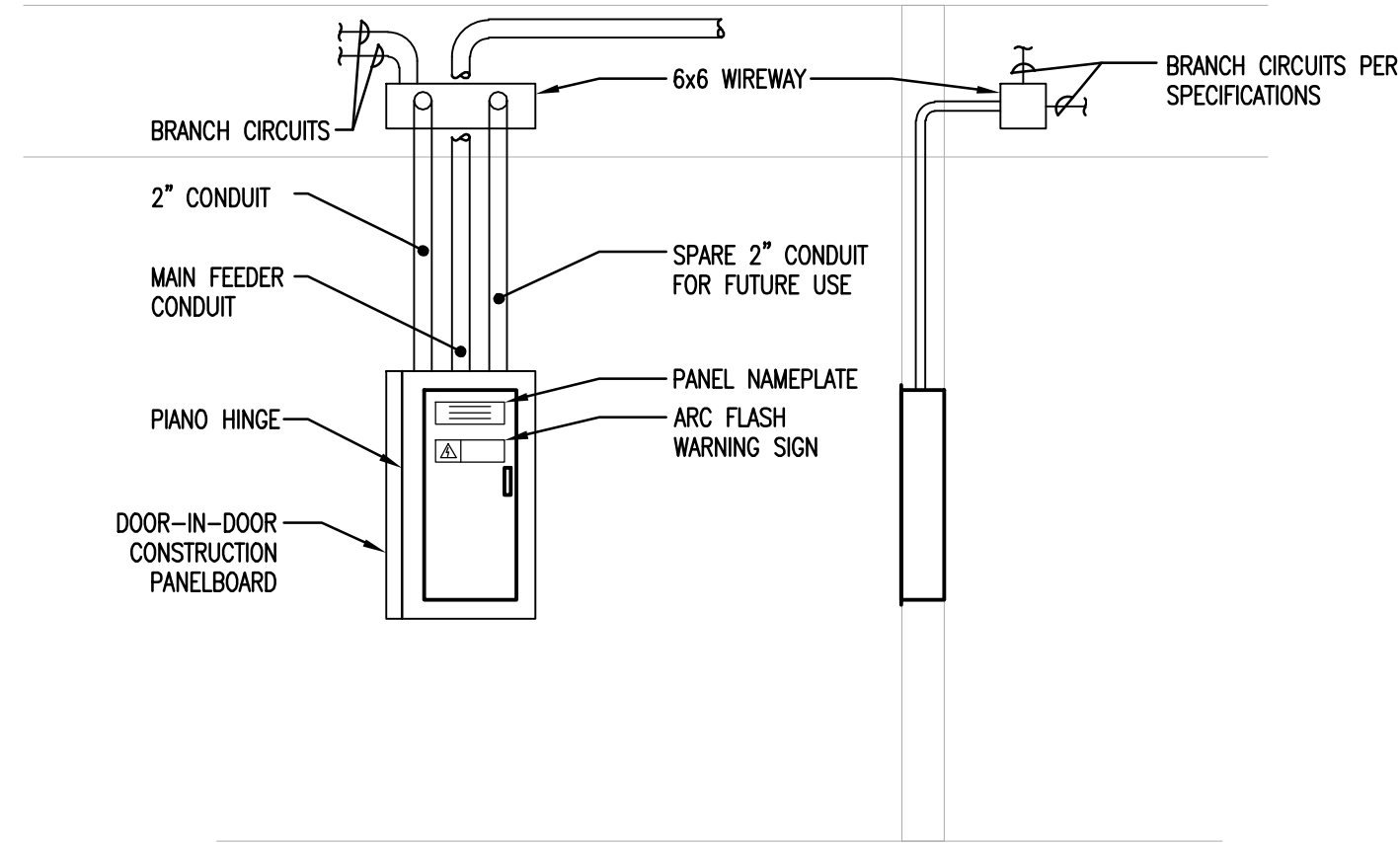


4 CABLE HOOK SUPPORT SYSTEM
N.T.S.

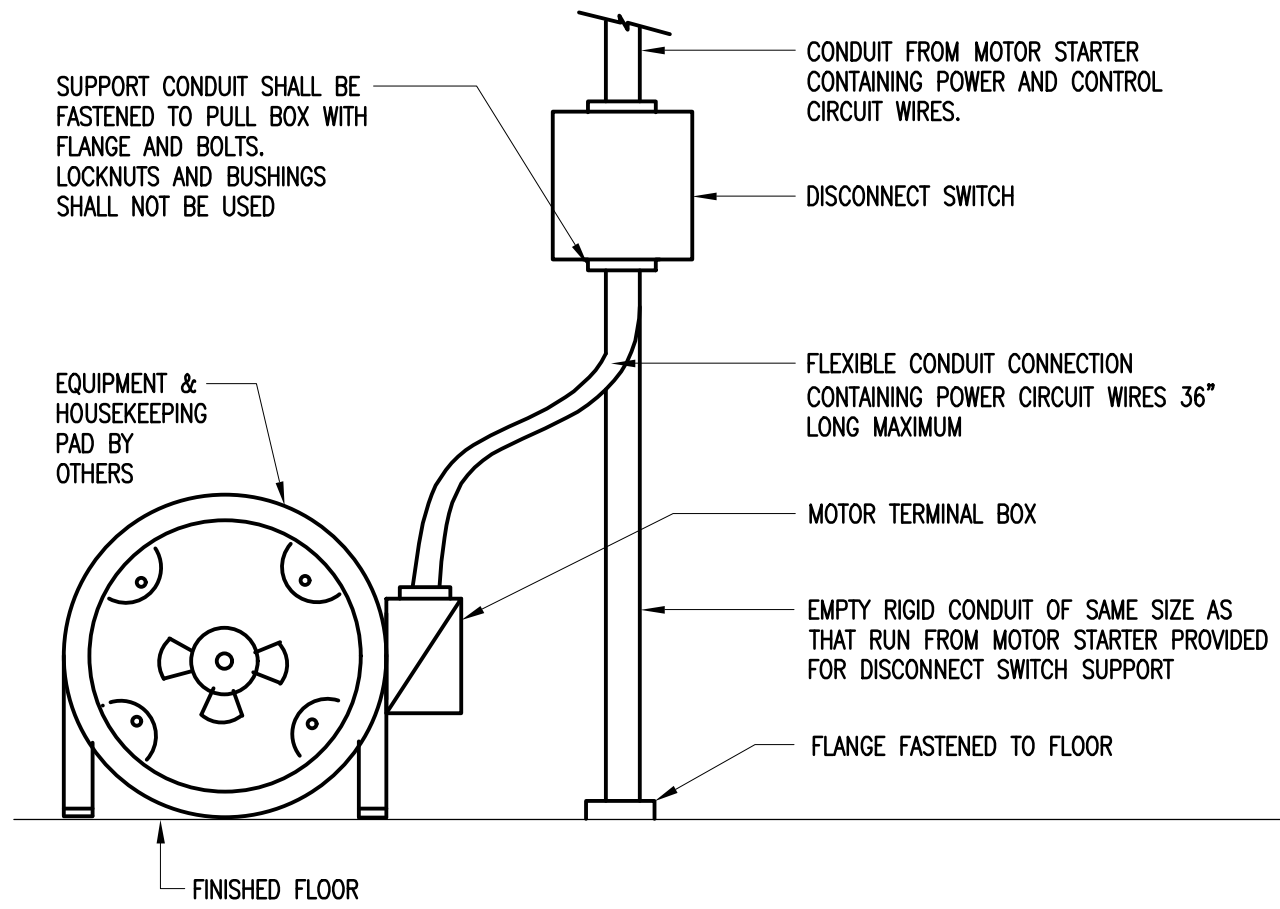


- NOTES:
- ALL WIRING FOR SITE LIGHTING SHALL BE #10 AWG, MINIMUM.

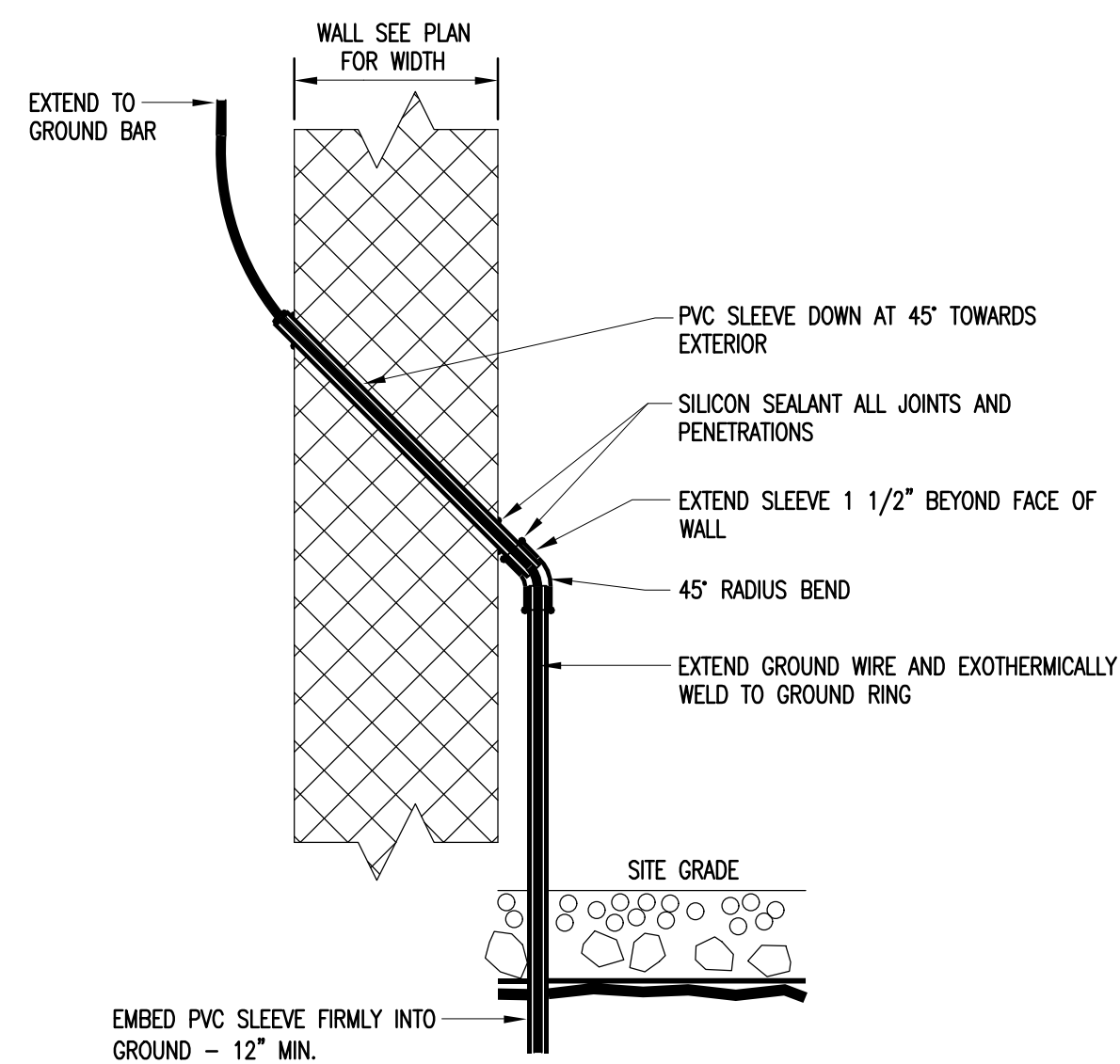
7 EXTERIOR SITE LIGHTING CONTROL WIRING DIAGRAM
N.T.S.



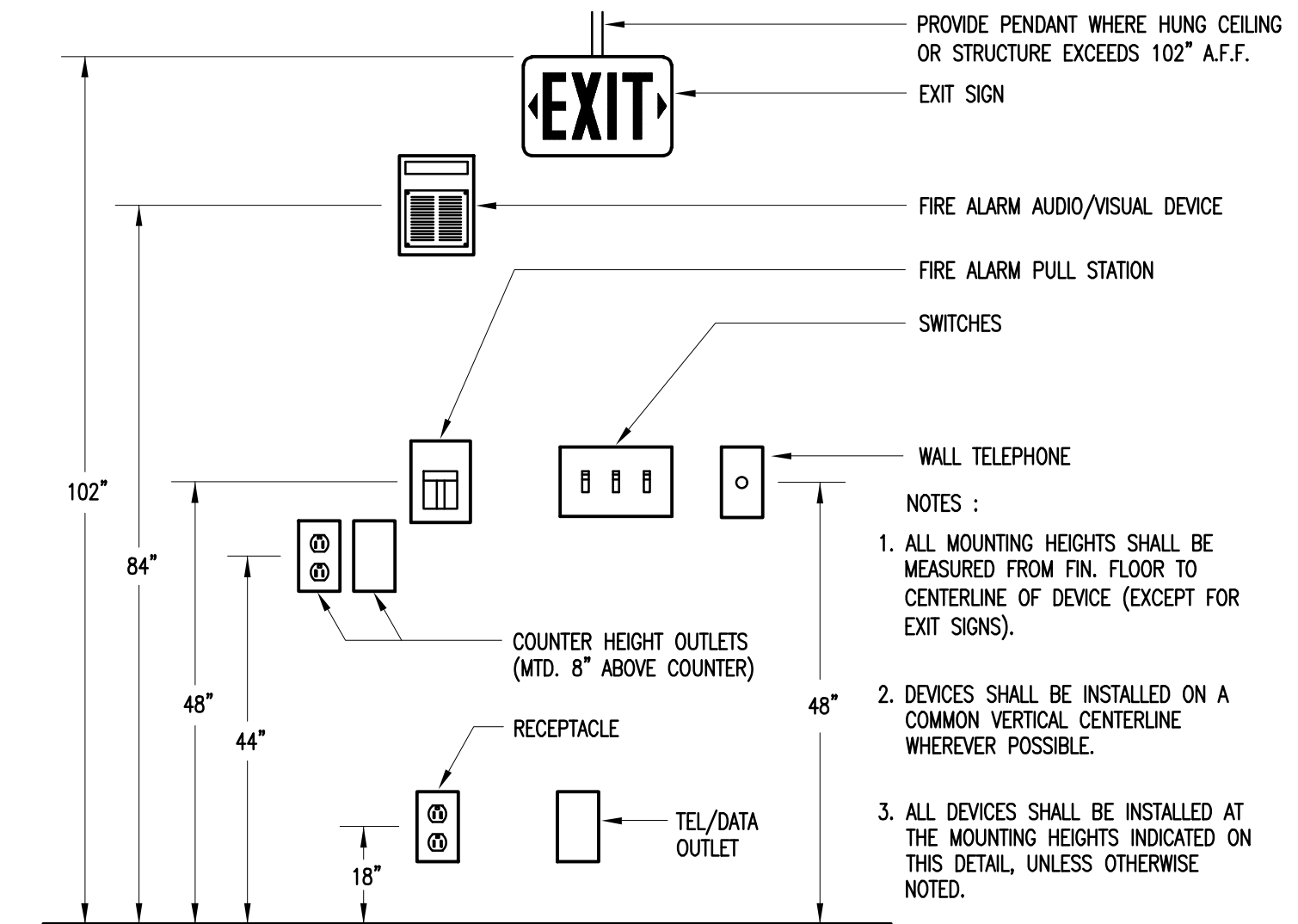
2 TYPICAL PANELBOARD DETAIL
N.T.S.



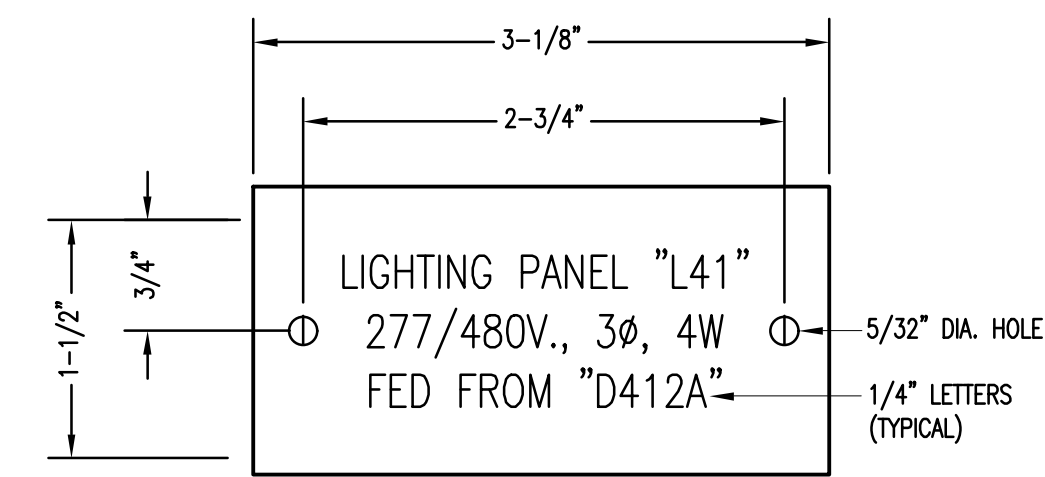
5 DETAIL OF MOTOR DISCONNECT SWITCH MOUNTING
N.T.S.



8 SLEEVE DETAIL
N.T.S.

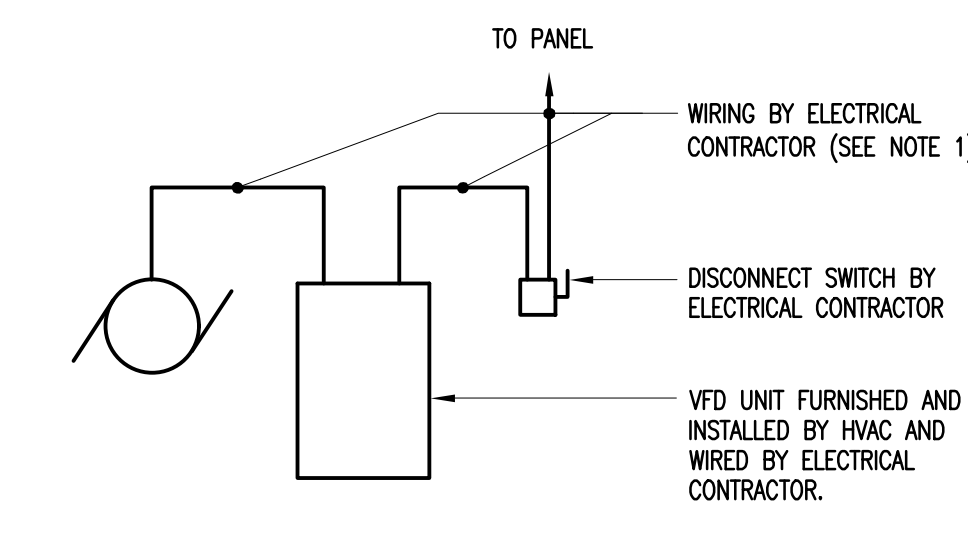


3 TYPICAL DEVICE MOUNTING HEIGHTS DETAIL
N.T.S.



- NOTES:
- REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
 - NAMEPLATE TO BE 1/16" WHITE PLASTIC WITH BLACK CENTER LAMINATION. FACE TO BE WHITE, ENGRAVED LETTERS TO BE BLACK.
 - SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS.

6 DETAIL OF HOUSE PANEL NAMEPLATE
N.T.S.



- NOTE:
- REFER TO MOTOR WIRING SCHEDULE FOR WIRE AND CONDUIT SIZE REQUIREMENTS FOR EACH FAN MOTOR, UNLESS OTHERWISE NOTED ON POWER PLAN. COORDINATE WITH MANUFACTURERS SPECIFICATIONS.

9 VFD UNIT WIRING SCHEMATIC
N.T.S.

Washington Village
Phase 1

13 Day Street
Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority

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| 09-15-2014 | PERMIT/ PRICING | |
| 06-13-2014 | PRICING | |
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| MARK | DATE | DESCRIPTION |

PROJECT NO.: 21222/CEN TEK #13232.01
DRAWN BY: TJB
CHECKED BY: CKD

SHEET TITLE

ELECTRICAL DETAILS

E-601

Washington Village Phase 1

13 Day Street Building A

Norwalk, CT

Trinity Washington Village Limited Partnership
&
the Norwalk Housing Authority



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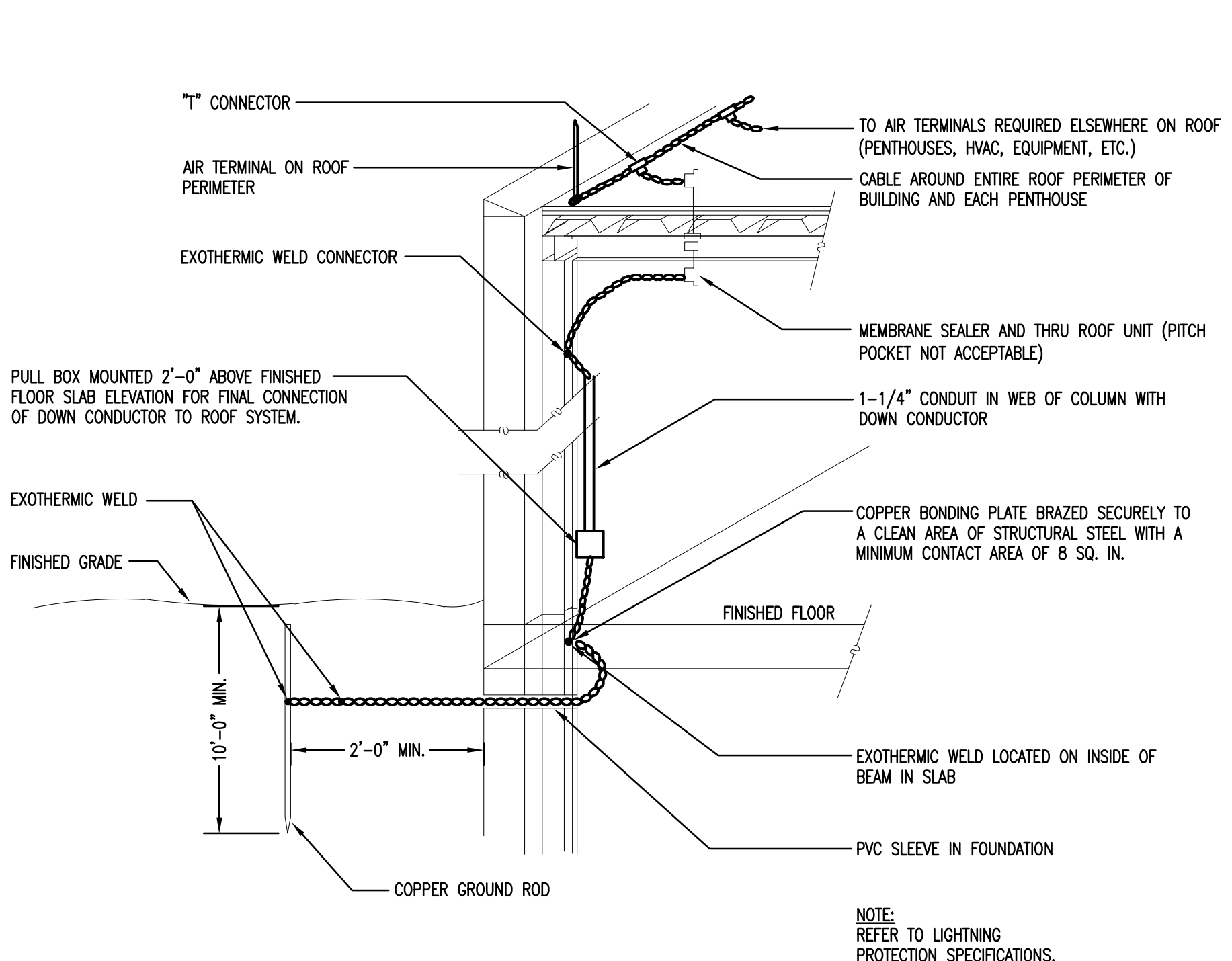
| | | 09-15-2014 PERMIT/ PRICING |
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| | | 06-13-2014 PRICING |
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PROJECT NO.: 21222/CEN TEK #13232.01
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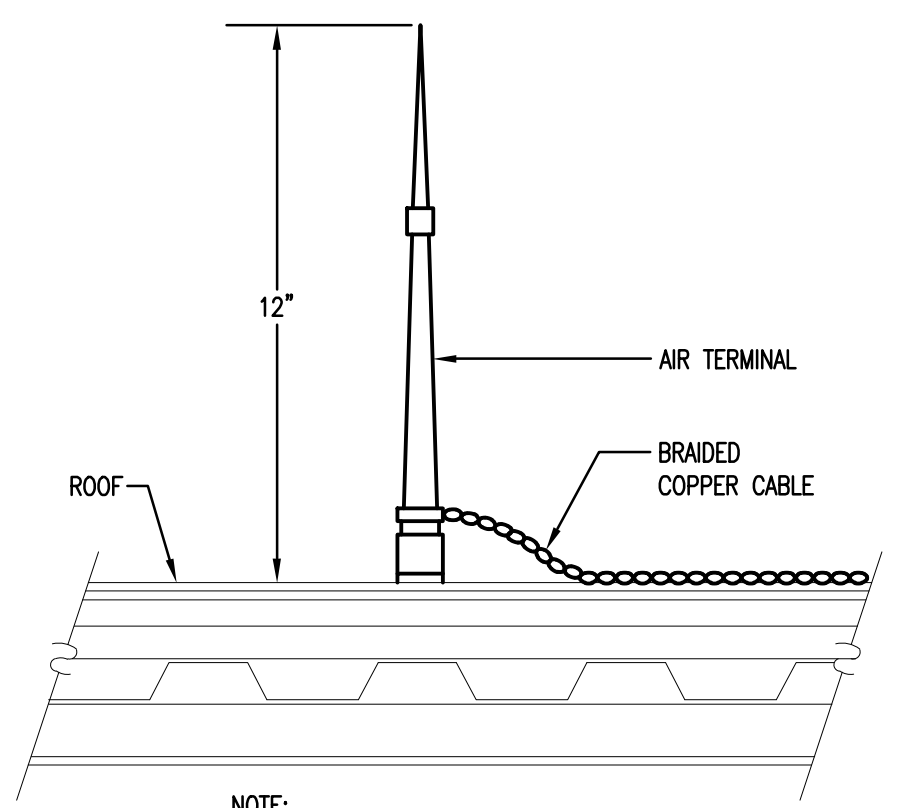
SHEET TITLE

ELECTRICAL DETAILS

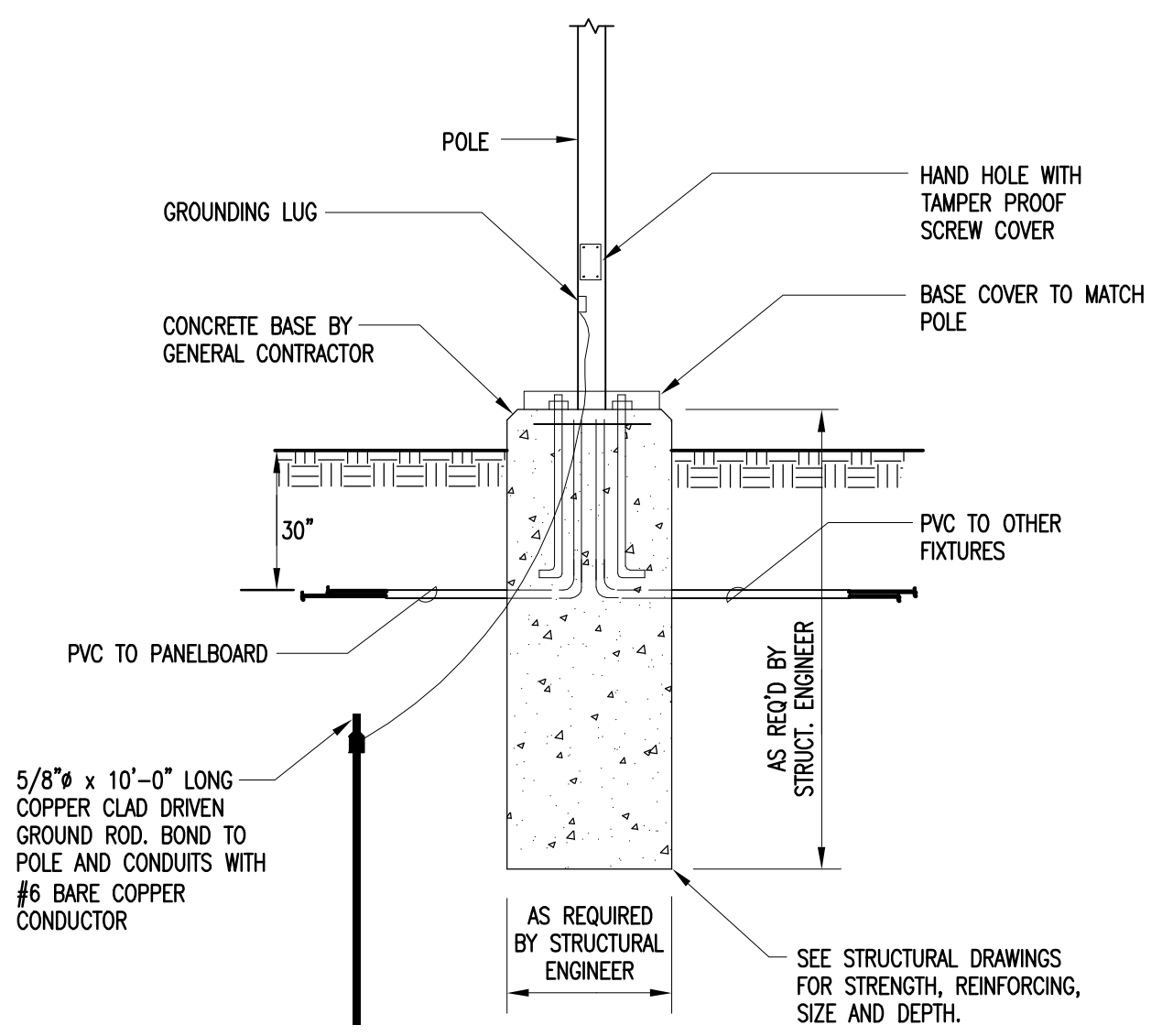
E-602



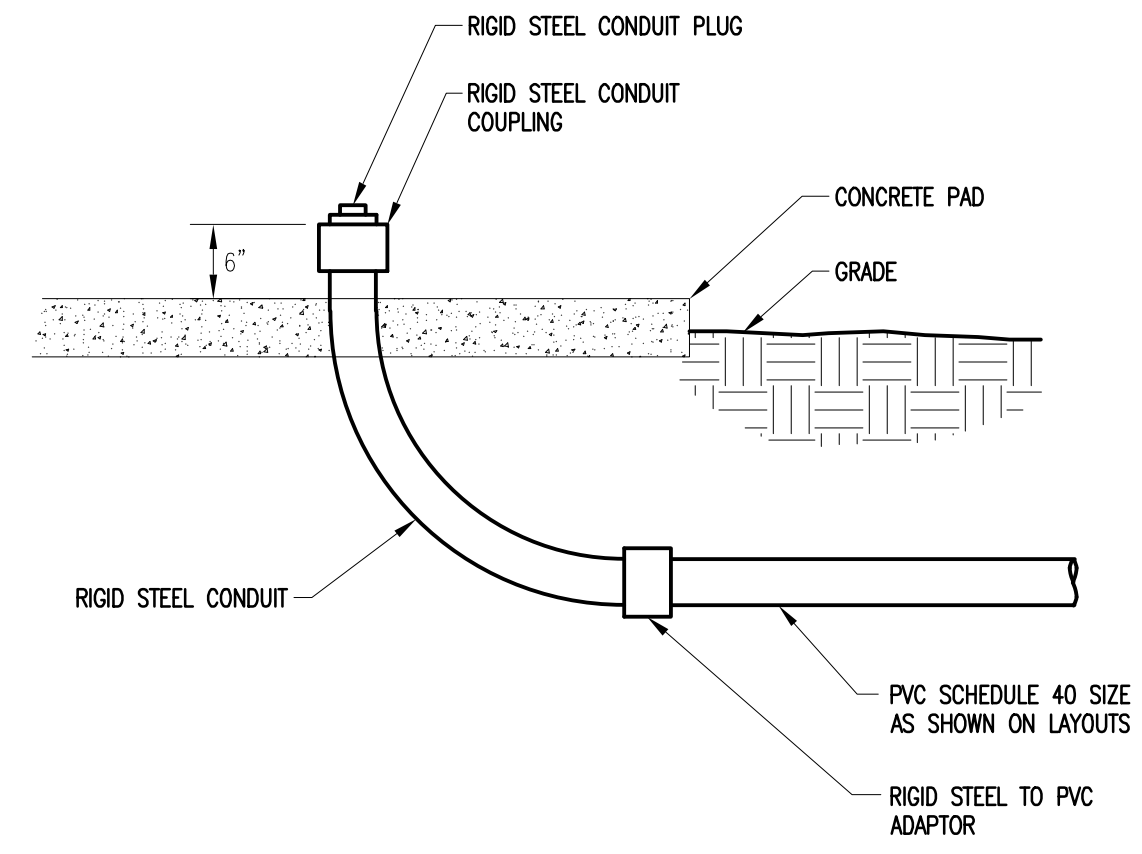
1 LIGHTNING PROTECTION DETAIL
N.T.S.



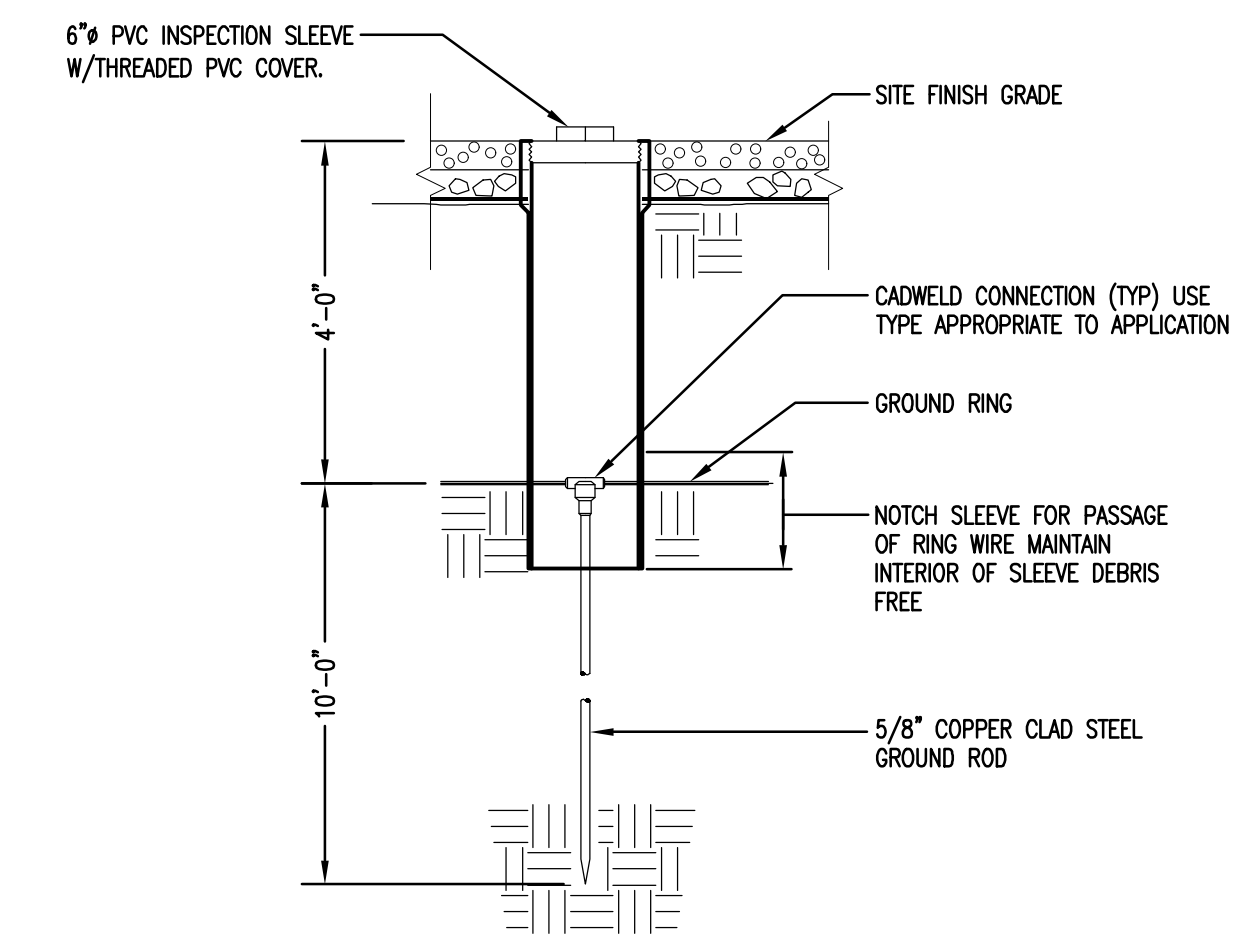
2 ROOF MOUNTED AIR TERMINAL DETAIL
N.T.S.



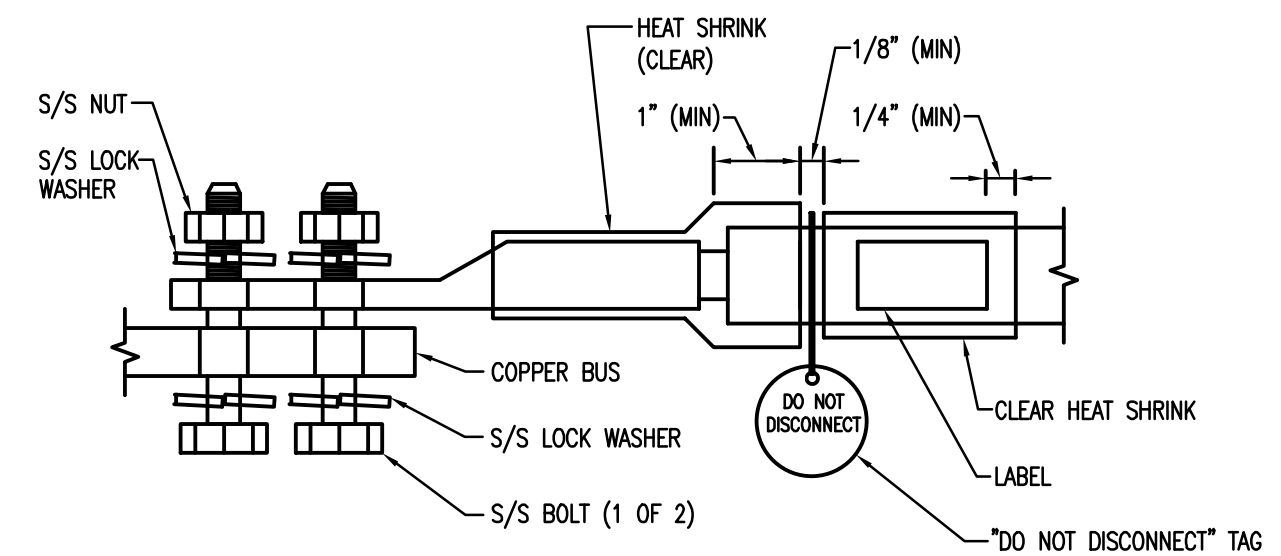
3 LIGHT POLE WIRING DETAIL
N.T.S.



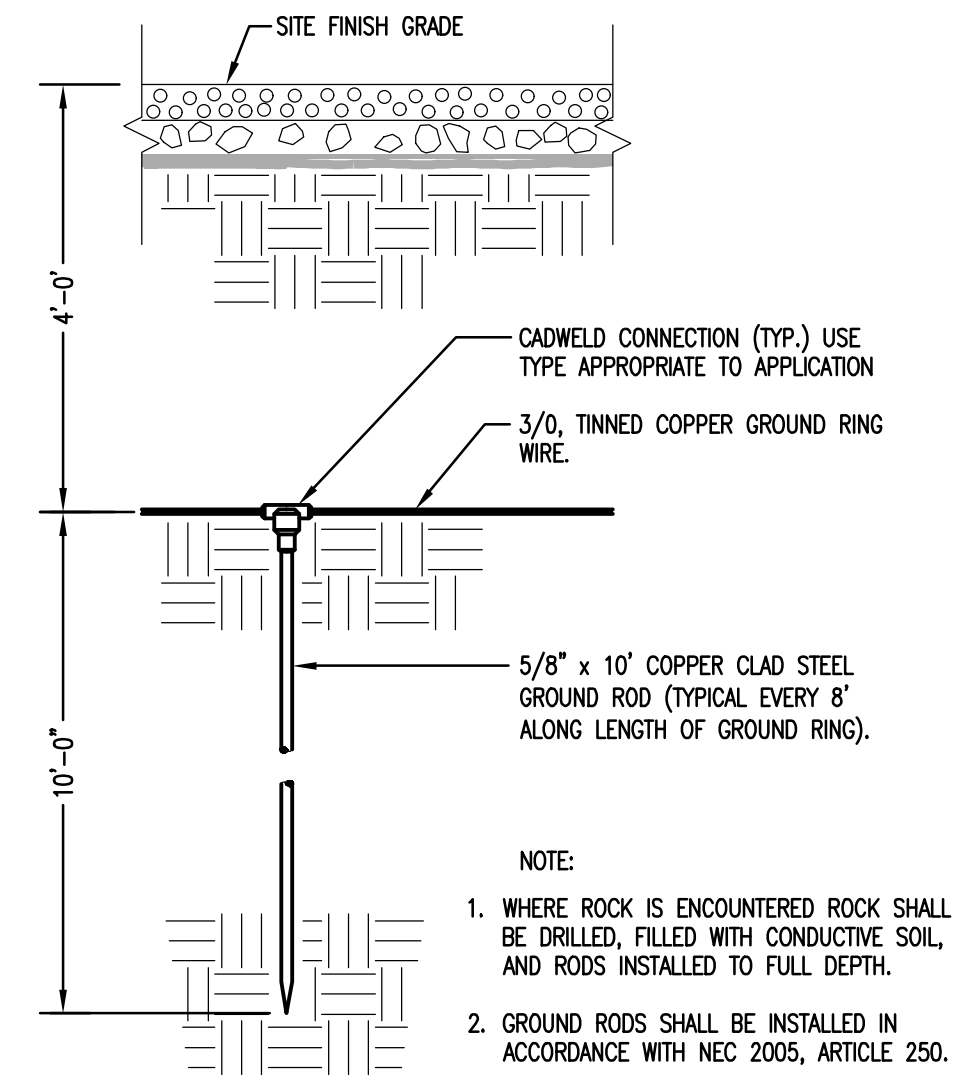
4 UNDERGROUND CONDUIT STUB-UP DETAIL
N.T.S.



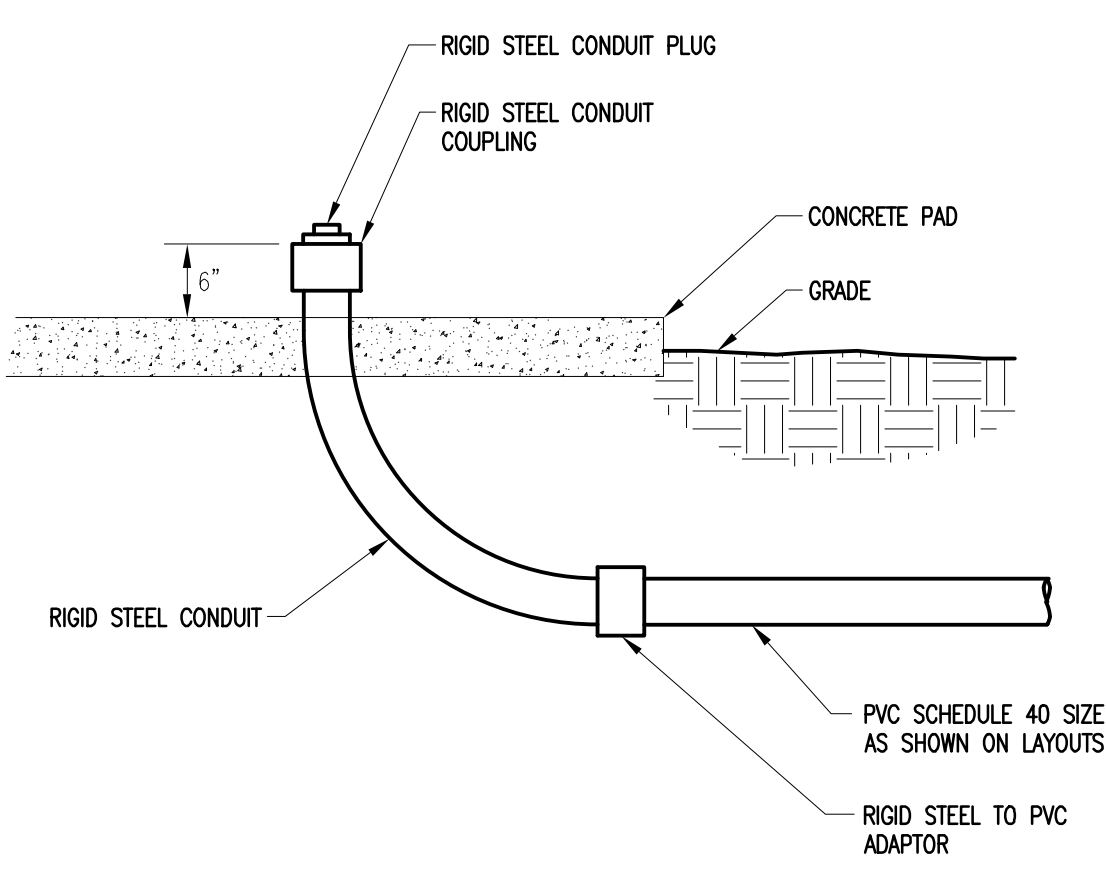
5 PVC INSPECTION WELL DETAIL
N.T.S.



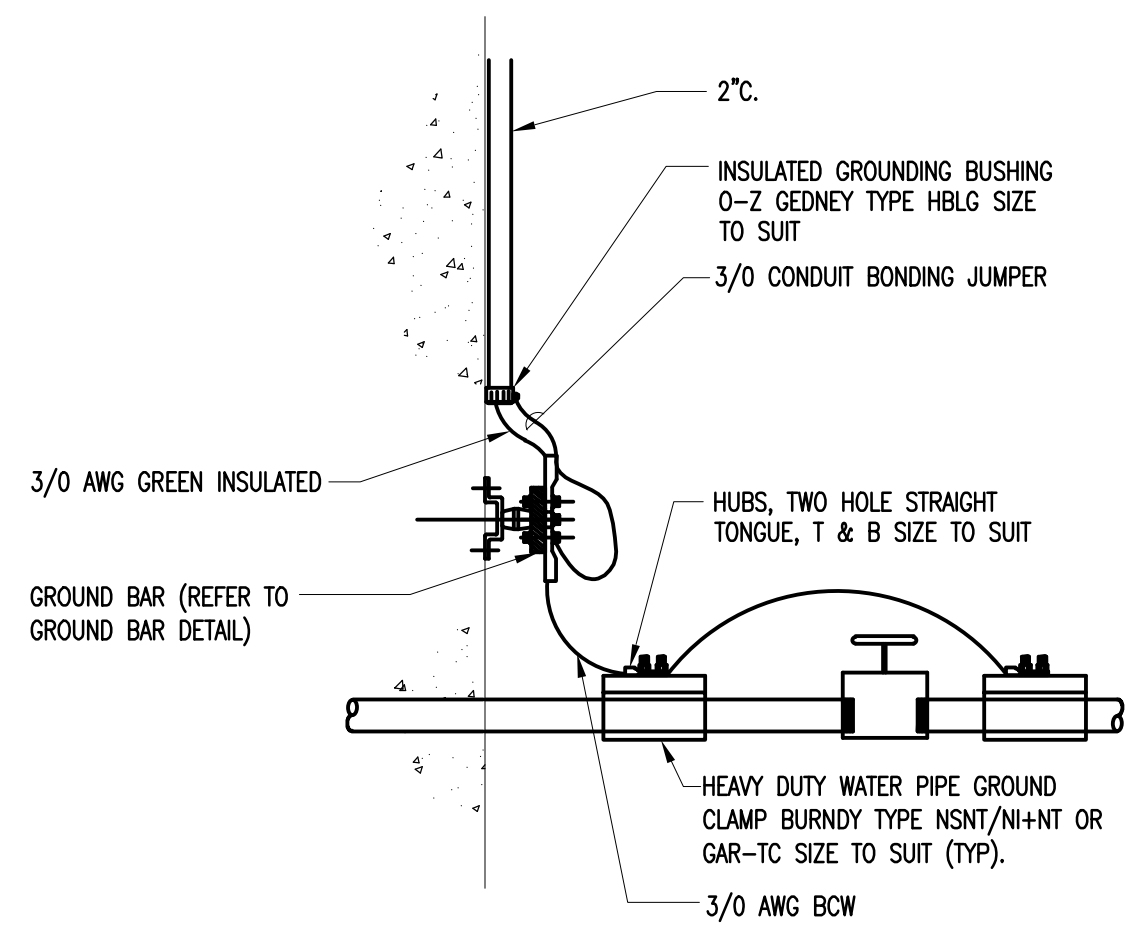
6 GENERAL LUG DETAIL
N.T.S.



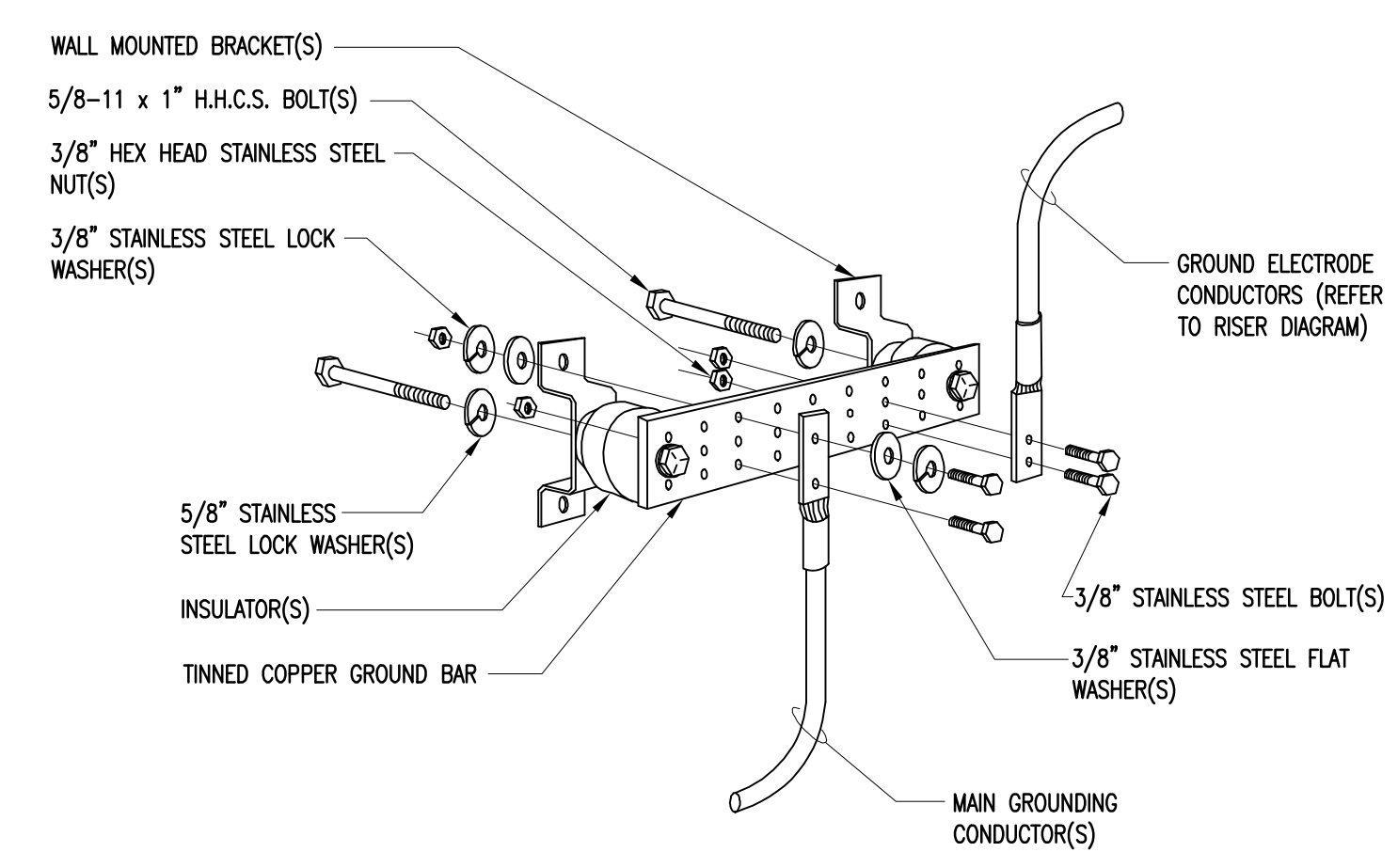
7 GROUND ROD AND RING DETAIL
N.T.S.



8 UNDERGROUND CONDUIT STUB-UP DETAIL
N.T.S.



9 WATER MAIN GROUNDING DETAIL
N.T.S.



10 MECH ROOM GROUND BAR DETAIL
N.T.S.

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9/9/2014 1:30 PM