A RENOVATION TO:

MONTGOMERY VILLAGE

4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

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CHRIS N. ELY
REGISTERED ARCHITECT
No. 29691
STATE OF TENNESSEE
10/08/18

A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR
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Sheet Title
COVER

Project Number
18110

Date
10-08-18

Sheet Number
G-000

BUILDING CONSTRUCTION / OCCUPANCY:

1. THE MODERNIZATION EFFORTS AT MONTGOMERY VILLAGE WILL INVOLVE 65 BUILDINGS HOUSING A TOTAL OF 384 APARTMENT UNITS. EACH BUILDING IS A TWO STORY BUILDING TYPICALLY FILLED WITH TWO STORY APARTMENTS THAT EXIT ON GRADE. HOWEVER, NINE OF THE EXISTING TWO STORY BUILDINGS ARE MADE UP OF STACKED SINGLE STORY, SINGLE BEDROOM UNITS WITH AN EXTERIOR CORRIDOR AND TWO EXTERIOR / UNENCLOSED EXIT STAIRS. EACH APARTMENT UNIT IS ONE OF SIX POSSIBLE UNIT LAYOUTS RANGING FROM ONE TO 5 BEDROOMS.

2. THE EXISTING CONSTRUCTION IS BRICK VENEER ON WOOD-FRAME CONSTRUCTION - R2 OCCUPANCY (2012 IBC). THE TWO-STORY APARTMENTS HAVE WOOD FRAMED FLOORS, WHILE THE BUILDINGS WITH STACKED SINGLE BEDROOM APARTMENTS HAVE POURED CONCRETE FLOORS AT THE SECOND FLOOR AND SOME CMU BEARING WALLS AT THE FIRST FLOOR. ALL OF THE NON-BEARING WALLS ARE OF WOOD FRAME CONSTRUCTION.

SCOPE OF WORK:

THE PRIMARY SCOPE OF WORK FOR THE PROJECT IS TO REPLACE THE JOINTS OF THE EXISTING EXTERIOR WATER SUPPLY MAINS BETWEEN THE KUB METERS AND THE APARTMENT BUILDINGS.
THE PRIMARY COPE OF WORK SHALL ALSO INCLUDE REPLACING THE INTERIOR WATER SUPPLY RISERS.
THE FOLLOWING ITEMS ARE ALSO INCLUDED AS PART OF THE PROJECT SCOPE.

1. SEALING AND RESTRIPING OF EXISTING PARKING LOTS AND BASKETBALL COURTS.
2. CONSTRUCT NEW PD. IN PLACE CONCRETE PADS FOR APARTMENT CONDENSING UNITS.
3. ADD ADDITIONAL INSULATION TO ATTIC SPACES.
4. RE-ROOF THE EXISTING MAINTENANCE SHED WITH NEW ASPHALT SHINGLE ROOF SYSTEM.
5. REPLACE FLOOR & CEILING FINISHES IN THE MINISTRY BUILDING AND THE COMMUNITY BUILDING.
6. REPLACEMENT OF APARTMENT WALL HUNG SINKS WITH NEW SINKS AND VANITIES WHERE FEASIBLE.
7. REPLACEMENT OF APPLIANCES, DOOR HARDWARE AND OTHER MISCELLANEOUS ITEMS.

CODE RELATED ITEMS:

1. THIS PROJECT IS BEING SUBMITTED UNDER THE 2012 INTERNATIONAL EXISTING BUILDING CODE.
   ONLY AREAS WHERE NEW WATER RISERS AND BATHROOM VANITIES ARE INSTALLED WILL BE TREATED AS A LEVEL 2 ALTERATION.
   AREAS WHERE FINISHES OR CASEWORK INCIDENTAL TO THE INSTALLATION OF WATER RISERS ARE REMOVED AND REINSTALLED WILL BE TREATED AS A LEVEL 1 ALTERATION.
   A. AREAS OUTSIDE OF THE AREAS DESIGNATED AS LEVEL 2 OR LEVEL 1 "WORK AREAS" ARE TREATED AS INCIDENTAL TO THE PRIMARY WORK BEING PERFORMED AND WILL NOT BE UPDATED/ CHANGED UNLESS THE 2012 IEBC SPECIFICALLY REQUIRES UPDATES/ CHANGES BEYOND THE "WORK AREA" - NONE REQUIRED
   B. THIS MODERNIZATION EFFORT DOES NOT INVOLVE A CHANGE OF OCCUPANCY ('12 IEBC CHAPTER 9)
2. EGRESS COMPONENTS:
   A. EACH OF THE TWO-STORY APARTMENTS HAVE TWO EXISTS ON GRADE AND EACH OF THE BEDROOMS HAVE OPERABLE WINDOWS.
      i. THE SCREENS ARE OPERABLE AND SWING OUT FROM THE CONTINUOUS HINGE MOUNTED AT THE TOP OF THE BOTTOM PANEL.
         1. NFPA 101-24.2.2.3 - SECONDARY MEANS OF ESCAPE - REQUIRES WINDOWS USED AS SECONDARY MEANS OF ESCAPE TO HAVE A NET CLEAR OPENING OF 5.7 sq/ft, AN OPENING NO HIGHER THAN 44" A.F.F., NOT LESS THAN 20" IN WIDTH, AND A HEIGHT NOT LESS THAN 24" (ALL WINDOWS ARE WITHIN 20' OF GRADE).
         2. '06 IBC - 1026 HAS THE SAME REQUIREMENTS AS LISTED ABOVE.
         3. 2012 IEBC - 705.1 - UNDER THE IEBC, NO PORTION OF THE MEANS OF EGRESS, (OTHER THAN REPLACING LIGHT FIXTURES AT THE DWELLING UNIT STAIRS) IS INCLUDED WITHIN THE DESIGNATED WORK AREAS. NONE OF THE DESIGNATED "WORK AREAS" INCLUDE A TOTAL WORK AREA GREATER THAN 50% OF THE FLOOR THEY ARE ON THEREFORE THE SUPPLEMENTAL REQUIREMENTS ARE NOT TRIGGERED.
3. FIRE SEPARATION AT APARTMENT UNITS:
   A. NO ADDITIONAL FIRE SEPARATION REQUIREMENTS ARE NOTED UNDER LEVEL 2 ALTERATIONS. EXISTING CONSTRUCTION IS IN COMPLIANCE WITH THE LAWS IN EXISTENCE AT THE TIME. THE BUILDING OR AFFECTED PORTION OF THE BUILDING WAS BUILT AND SHALL BE CONSIDERED IN COMPLIANCE WITH THE PROVISIONS OF THIS CODE UNLESS THE BUILDING HAS SUSTAINED SUBSTANTIAL STRUCTURAL DAMAGE AS DEFINED IN SECTION 506.2, OR THE BUILDING IS UNDERGOING MORE THAN A LIMITED STRUCTURAL ALTERATION AS DEFINED IN ECTION 807.5.3. THE BUILDINGS AT MONTGOMERY VILLAGE HAVE NOT SUSTAINED SUBSTANTIAL STRUCTURAL DAMAGE NOR AR THEY UNDERGOING MORE THAN A LIMITED STRUCTURAL ALTERATION. THE ORIGINAL CONSTRUCTION OF THE BUILDINGS WOULD HAVE OCCURRED DURING 1964 AND 1967 WITHIN KNOX COUNTY JURISDICTION. AT THE TIME THERE WERE NO BUILDING CODES IN EFFECT FOR KNOX COUNTY AND THE BUILDINGS WOULD HAVE BEEN CONSTRUCTED . UNDER THE STATE GUIDELINES IN EFFECT AT THE TIME.
      i. ANY NECESSARY REPAIRS WILL BE CONSTRUCTED TO MATCH THE ADJACENT ASSEMBLY. ANY PENETRATIONS WILL BE PATCHED AT TREATED AS A 1 HR RATED PENETRATION. AND 7.2.2.4.4.2.

PROJECT CODE AND ZONING INFORMATION

REGULATORY

APPLICABLE CODES

2012	INTERNATIONAL EXISTING BUILDING CODE (IEBC) WITH LOCAL ADOPTED ORDINANCES
	WORK AREA COMPLIANCE METHOD - REPAIRS AND LEVEL 1 & 2 ALTERATIONS
2012	INTERNATIONAL BUILDING CODE (IBC) WITH LOCAL ADOPTED ORDINANCES
2011	NATIONAL ELECTRICAL CODE (NEC) WITH LOCAL ADOPTED ORDINANCES
2012	INTERNATIONAL FUEL GAS CODE (IFGC) WITH LOCAL ADOPTED ORDINANCES
2012	INTERNATIONAL MECHANICAL CODE (IMC)
2012	INTERNATIONAL PLUMBING CODE (IPC)
2012	UNIFORM FIRE CODE (UFC)

BUILDING

INT'L EXIST BUILDING CODE (IEBC)

OCCUPANCY CLASSIFICATION	RESIDENTIAL - GROUP R2 (IBC § 310)
CONSTRUCTION CLASSIFICATION	TYPE V, UNPROTECTED, UNSPRINKLERED (EXISTING) (IBC §602.5)
WORK AREA COMPLIANCE METHOD	REPAIRS (IEBC CHPT 5)
	LEVEL 1 ALTERATIONS (IEBC CHPT 6)
	LEVEL 2 ALTERATIONS (IEBC CHPT 6 & 7)

LIFE SAFETY CODE (NFPA 101)

OCCUPANCY CLASSIFICATION	EXISTING APARTMENT BUILDING (CHPT 31) - OPTION 2

STRUCTURAL

NA

FIRE PROTECTION

NOTE! SEE SHEET G-003 FOR NEW & EXISTING WALL, FLOOR-CEILING AND ROOF-CEILING RATINGS

INTERIOR BEARING WALLS	0-HOUR (IBC TABLE 601) - EXISTING
COLUMNS	NA
BEAMS	NA
EXTERIOR BEARING WALLS	0-HOUR (IBC TABLE 601) - EXISTING
STRUCTURAL FRAME	0-HOUR (IBC TABLE 601) - EXISTING
FLOOR CONSTRUCTION	0-HOUR (IBC TABLE 601) - EXISTING
ROOF CONSTRUCTION	0-HOUR (IBC TABLE 601) - EXISTING
SHAFT ENCLOSURES	NA
DWELLING UNIT SEPARATION (WALLS)	1-HOUR (IBC §708.3) - EXISTING
DWELLING UNIT SEPARATION (FLOOR/CEILING)	1-HOUR (IBC §711) - EXISTING
DWELLING UNIT SEPARATION (ROOF/CEILING)	1-HOUR (IBC §711) - EXISTING
OCCUPANCY SEPARATION	NA
INCIDENTAL USE SEPARATION	NA

ZONING

ZONED	C-3 (RESIDENTIAL PERMITTED BY EXCEPTION)

GENERAL PROJECT NOTES:

1. GENERAL PROJECT NOTES APPLY TO ALL SHEETS.
2. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS WHICH ARE NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
3. EACH TRADE SHALL BE HELD RESPONSIBLE FOR KNOWLEDGE OF THE GENERAL NOTES INCLUDED THROUGHOUT THE CONTRACT DOCUMENTS AND THE APPLICABLE BUILDING CODES.
4. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
5. GENERAL CONTRACTOR SHALL VISIT THE SITE AND REVIEW ANY EXISTING STRUCTURES AND BECOME THOROUGHLY FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO BIDDING OR CONSTRUCTION.
6. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH LOCAL, COUNTY, STATE AND FEDERAL CODES AND ORDINANCES.
7. IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE GENERAL CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR CONDITIONS AT THE JOB SITE. INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL INCLUDE BUT NOT BE LIMITED TO MAINTAINING ALL BARRICADES, WARNING SIGNS, FLASHING LIGHTS, AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION. THE CONTRACTOR SHALL COMPLY WITH OSHA REGULATIONS AND SAFETY REQUIREMENTS.
8. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND CONTRACT DOCUMENTS APPROVED BY ALL PERMITTING AUTHORITIES.
9. FIREPROOFING & SEALANTS MAY NOT BE SHOWN ON SOME DRAWINGS FOR CLARITY. HOWEVER, ALL ASSEMBLIES MUST BE INSTALLED IN ACCORDANCE WITH THE LISTED LIFE SAFETY DESIGN. ALL ASSEMBLIES SHALL BE INSTALLED & COORDINATED WITH ALL DISCIPLINES AS OUTLINED IN THE APPLICABLE U.L. (OR EQUIVALENT) DETAIL AS CALLED OUT IN THE LIFE SAFETY DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE OWNER'S REPRESENTATIVE BEFORE CONTINUING CONSTRUCTION.
10. THESE DRAWINGS ARE ONE PORTION OF THE CONTRACT DOCUMENTS, AS SUCH, THEY ARE NOT TO BE DIVIDED INTO PARTIAL SETS AND DISTRIBUTED TO DIFFERENT PARTIES/TRADES WITHOUT THE REMAINING PORTIONS OF THE CONTRACT DOCUMENTS. IF PARTIAL SETS ARE DISTRIBUTED BY THE GENERAL CONTRACTOR, THEN THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION AND SHALL PAY FOR ANY ADDITIONAL ASSOCIATED COSTS RELATED TO THE COORDINATION OR ANY REMEDIATION WORK ARISING FROM THE PARTIAL DISTRIBUTION OF THE CONTRACT DOCUMENTS. THIS PAYMENT SHALL OCCUR AT NO ADDITIONAL COSTS TO THE OWNER, ARCHITECT OR ANY OF THEIR EMPLOYEES OR CONSULTANTS.
11. DETAILS ARE INTENDED TO SHOW DESIGN INTENT OF ACCOMPLISHING WORK. MINOR MODIFICATIONS MAY BE REQUIRED TO SUIT JOB CONDITIONS AND SHALL BE INCLUDED AS PART OF THE WORK.
12. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS, OR OTHER SUPPORT FOR ALL ITEMS REQUIRING THE SAME.
13. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES AND SHALL BE OF BEST PRACTICE OF EACH TRADE.

INCLUDED SHEETS

ISSUED
RE-ISSUED NOT REVISED
RE-ISSUED REVISED

SHEET NUMBER	SHEET TITLE	ISSUE FOR: BID SET (DATE: 10-08-2018)	ISSUE FOR: SECOND BID SET (DATE: 10-08-2018)
GENERAL			
G-000	COVER	■	□
G-001	PROJECT INFORMATION	■	◢
G-002	LIFE SAFETY PLANS	■	□
G-003	LIFE SAFETY SECTIONS	■	□
CIVIL			
C-100	PAVEMENT RESTORATION PLAN	■	□
C-101	PAVEMENT RESTORATION PLAN	■	□
C-102	PAVEMENT RESTORATION PLAN	■	□
C-500	WATER SERVICE REHABILITATION PLAN	■	□
C-501	WATER SERVICE REHABILITATION PLAN	■	□
C-502	WATER SERVICE REHABILITATION PLAN	■	□
C-800	CIVIL/ SITE DETAILS	■	□
ARCHITECTURAL			
AG001	ARCHITECTURAL GENERAL NOTES AND LEGENDS INFORMATION	■	□
AS101	SITE INFORMATION PLAN	■	□
A-101	BUILDING A UNIT PLANS - NEW & DEMO	■	□
A-101 ACC	BUILDING A - ACCESSIBLE UNIT PLANS - NEW & DEMO	■	□
A-102	BUILDING A PLANS & ELEVATIONS	■	□
A-103	BUILDINGS B, C & D UNIT PLANS - NEW & DEMO	■	□
A-104	BUILDINGS B, C & D PLANS & ELEVATIONS	■	□
A-105	BUILDINGS E, F & G UNIT PLANS - NEW & DEMO	■	□
A-106	BUILDINGS E, F & G PLANS & ELEVATIONS	■	□
A-107	BUILDING I UNIT PLANS - NEW & DEMO	■	□
A-108	BUILDING I PLANS & ELEVATIONS	■	□
A-109	BUILDING J UNIT PLANS - NEW & DEMO	■	□
A-110	BUILDING J PLANS & ELEVATIONS	■	□
A-111	COMMUNITY BUILDING PLAN - DEMOLITION & NEW	■	□
A-112	MAINTENANCE GARAGE - ROOF PLAN & MINISTRY BUILDING PLAN	■	□
PLUMBING			
P-200	BUILDINGS MISC, DETAILS NEW & DEMO - WATER	■	□
P-201	BUILDING A UNIT PLANS - NEW & DEMO - WATER	■	□
P-201-ACC	BUILDING A UNIT PLANS - NEW & DEMO - WATER	■	□
P-202	BUILDINGS B, C & D UNIT PLANS - NEW & DEMO - WATER	■	□
P-203	BUILDINGS E, F & G UNIT PLANS - NEW & DEMO - WATER	■	□
P-204	BUILDINGS I UNIT PLANS - NEW & DEMO - WATER	■	□
P-205	BUILDINGS J UNIT PLANS - NEW & DEMO - WATER	■	□
ELECTRICAL			
E-101	BUILDINGS B, C, D, E, F AND G UNIT PLANS - LIGHTING	■	□
E-102	BUILDINGS I AND J UNIT PLANS - LIGHTING	■	□
OWNER PROVIDED REFERENCE DRAWINGS			
C0	OWNER PROVIDED REFERENCE DRAWINGS COVER SHEET		■
C1	PROPOSED PRIVATE SITE WATER AND SANITARY SEWER IMPROVEMENTS	■	□
C2	PROPOSED PRIVATE SITE WATER AND SANITARY SEWER IMPROVEMENTS	■	□
C3	PROPOSED PRIVATE SITE WATER AND SANITARY SEWER IMPROVEMENTS	■	□

SITE REFERENCE

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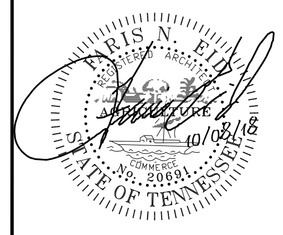

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Sheet Title
PROJECT INFORMATION

Project Number
18110

Date
10-08-18

Sheet Number
G-001

LEGEND:	
	LEVEL 1 ALTERATIONS (IEBC CH 6)(§403)
	LEVEL 2 ALTERATIONS (IEBC CH 7)(§404)
	LEVEL 3 ALTERATIONS (IBC CH 8)(§405) - NONE INCLUDED IN WORK

SCOPE OF WORK:

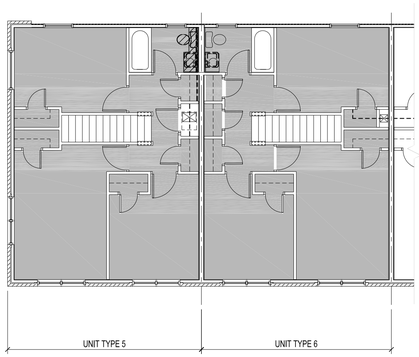
LEVEL 1 ALTERATIONS (IEBC CH 6)(§403)
- REPLACEMENT OF CONDENSING UNIT PADS
- REPLACE LIGHTING IN INTERIOR STAIRWELLS
- REPLACEMENT OF KITCHEN APPLIANCES
- REPLACEMENT OF SOME DOOR HARDWARE
- REPLACEMENT OF FLOOR FINISH IN DWELLING UNITS
- PAINTING DWELLING UNITS

LEVEL 2 ALTERATIONS (IEBC CH 7)(§404)
- REPLACE EXISTING INTERIOR WATER RISERS WITH NEW PEX SYSTEM
- ADD R-38 BLOWN IN BATT INSULATION TO ATTIC SPACES
- REPLACEMENT OF WALL HUNG SINKS WITH NEW VANITIES WHERE FEASIBLE

LEVEL 3 ALTERATIONS (IEBC CH 8)(§405)
- NOT USED

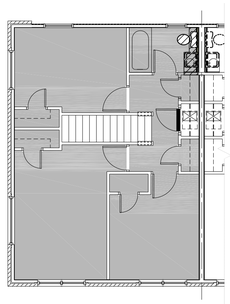
UNIT TYPE 5	
TOTAL SQFT OF UNIT:	1369 ☐
TOTAL SQFT OF WORK AREA:	7 ☐
WORK AREA = 1% OF UNIT FLOOR AREA	

UNIT TYPE 6	
TOTAL SQFT OF UNIT:	1062 ☐
TOTAL SQFT OF WORK AREA:	0 ☐
WORK AREA = 0% OF UNIT FLOOR AREA	



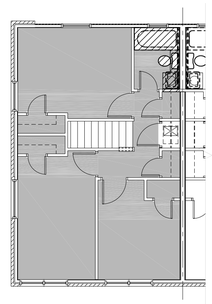
10 BUILDING J - 2ND FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPES 5 & 6

UNIT TYPE 3	
TOTAL SQFT OF UNIT:	1234 ☐
TOTAL SQFT OF WORK AREA:	8 ☐
WORK AREA = 1% OF UNIT FLOOR AREA	



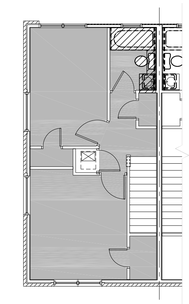
8 BUILDING I - 2ND FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 3

UNIT TYPE 4	
TOTAL SQFT OF UNIT:	1097 ☐
TOTAL SQFT OF WORK AREA:	20 ☐
WORK AREA = 2% OF UNIT FLOOR AREA	



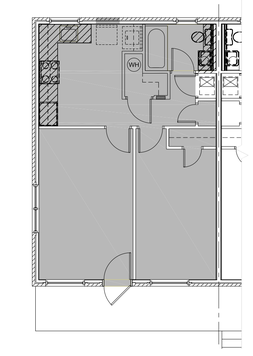
6 BUILDINGS E, F & G - 2ND FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 4

UNIT TYPE 2	
TOTAL SQFT OF UNIT:	890 ☐
TOTAL SQFT OF WORK AREA:	21 ☐
WORK AREA = 2% OF UNIT FLOOR AREA	



4 BUILDINGS B, C & D - 2ND FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 2

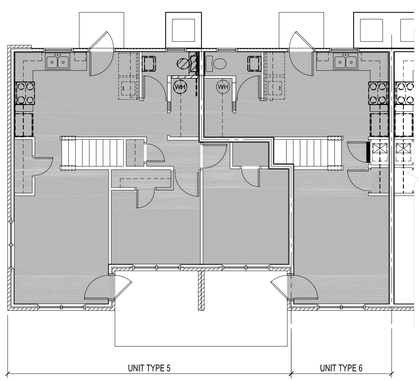
UNIT TYPE 1 (2nd FLOOR)	
TOTAL SQFT OF UNIT:	626 ☐
TOTAL SQFT OF WORK AREA:	42 ☐
WORK AREA = 7% OF UNIT FLOOR AREA	



2 BUILDING A - 2ND FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 1

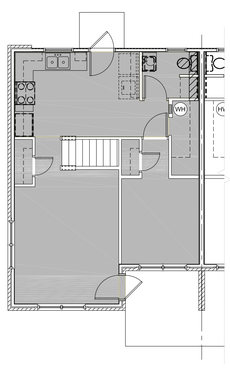
UNIT TYPE 5	
TOTAL SQFT OF UNIT:	1369 ☐
TOTAL SQFT OF WORK AREA:	5 ☐
WORK AREA = .4% OF UNIT FLOOR AREA	

UNIT TYPE 6	
TOTAL SQFT OF UNIT:	1062 ☐
TOTAL SQFT OF WORK AREA:	0 ☐
WORK AREA = 0% OF UNIT FLOOR AREA	



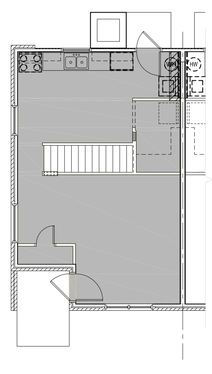
9 BUILDING J - 1ST FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPES 5 & 6

UNIT TYPE 3	
TOTAL SQFT OF UNIT:	1234 ☐
TOTAL SQFT OF WORK AREA:	7 ☐
WORK AREA = 1% OF UNIT FLOOR AREA	



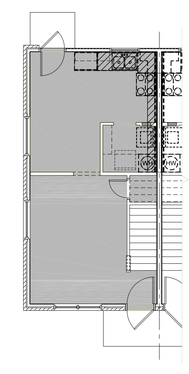
7 BUILDING I - 1ST FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 3

UNIT TYPE 4	
TOTAL SQFT OF UNIT:	1097 ☐
TOTAL SQFT OF WORK AREA:	6 ☐
WORK AREA = 1% OF UNIT FLOOR AREA	



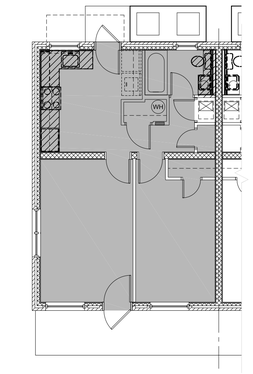
5 BUILDINGS E, F & G - 1ST FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 4

UNIT TYPE 2	
TOTAL SQFT OF UNIT:	890 ☐
TOTAL SQFT OF WORK AREA:	25 ☐
WORK AREA = 3% OF UNIT FLOOR AREA	



3 BUILDINGS B, C & D - 1ST FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 2

UNIT TYPE 1 (1st FLOOR)	
TOTAL SQFT OF UNIT:	626 ☐
TOTAL SQFT OF WORK AREA:	42 ☐
WORK AREA = 7% OF UNIT FLOOR AREA	



1 BUILDING A - 1ST FLOOR
SCALE: 1/8" = 1'-0" UNIT TYPE 1

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CHRISTOPHER N. ELLIS
REGISTERED ARCHITECT
No. 29691
STATE OF TENNESSEE
10/08/18

A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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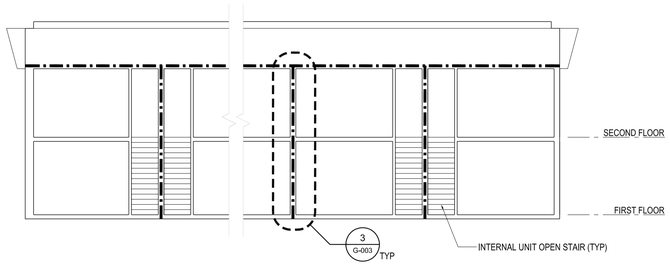
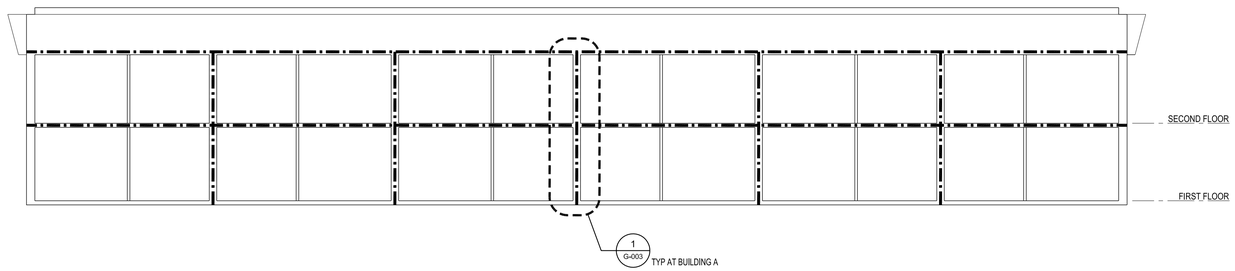
Sheet Title
LIFE SAFETY PLANS

Project Number 18110
Date 10-08-18
Sheet Number **G-002**

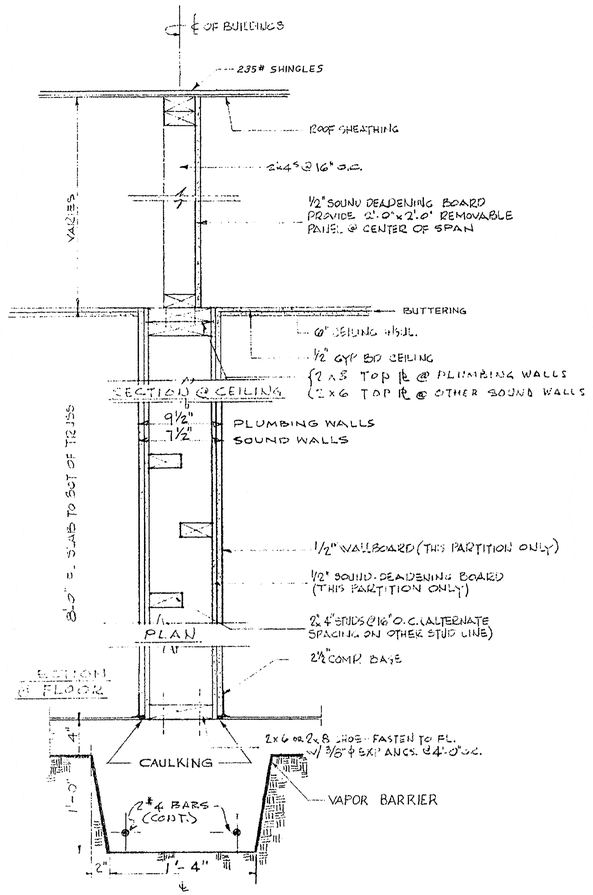


4 TYP SECTION AT BUILDINGS WITH 2 STORY UNITS
SCALE: 1/8" = 1'-0" BUILDING TYPES B,C,D,E,F,G,I,J

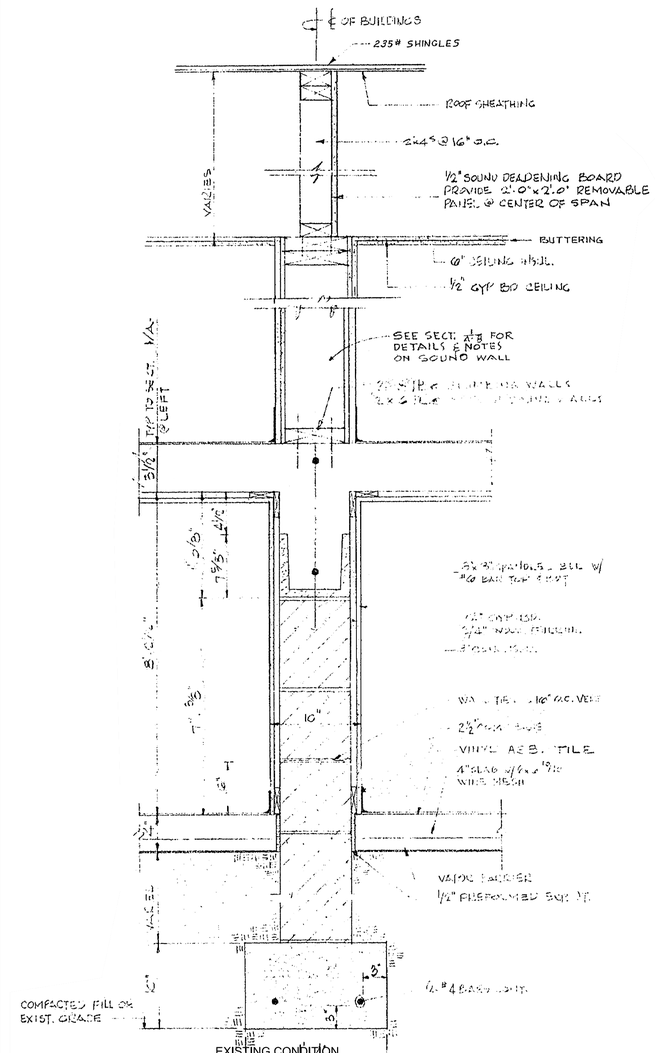


2 BUILDING A - SECTION
SCALE: 1/8" = 1'-0"

INTERIOR WALL FIRE RATINGS		
WALL TYPE	GRAPHIC LEGEND	DETAIL
EXISTING DWELLING UNIT SEPARATION ASSEMBLIES		SEE DETAILS 1 + 3 / G-003
NOTE: ALL NEW PENETRATIONS THROUGH THESE ASSEMBLIES SHALL MAINTAIN A 1 HR RATING		



3 EXISTING CONDITION
WALL SECTION AT EXIST DEMISING WALLS
SCALE: 1 1/2" = 1'-0"



1 EXISTING CONDITION
WALL SECTION AT EXIST DEMISING WALLS
SCALE: 1 1/2" = 1'-0"

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A RENOVATION TO:

MONTGOMERY VILLAGE

4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR
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Sheet Title
LIFE SAFETY SECTIONS

Project Number	Sheet Number
18110	G-003
Date	
10-08-18	

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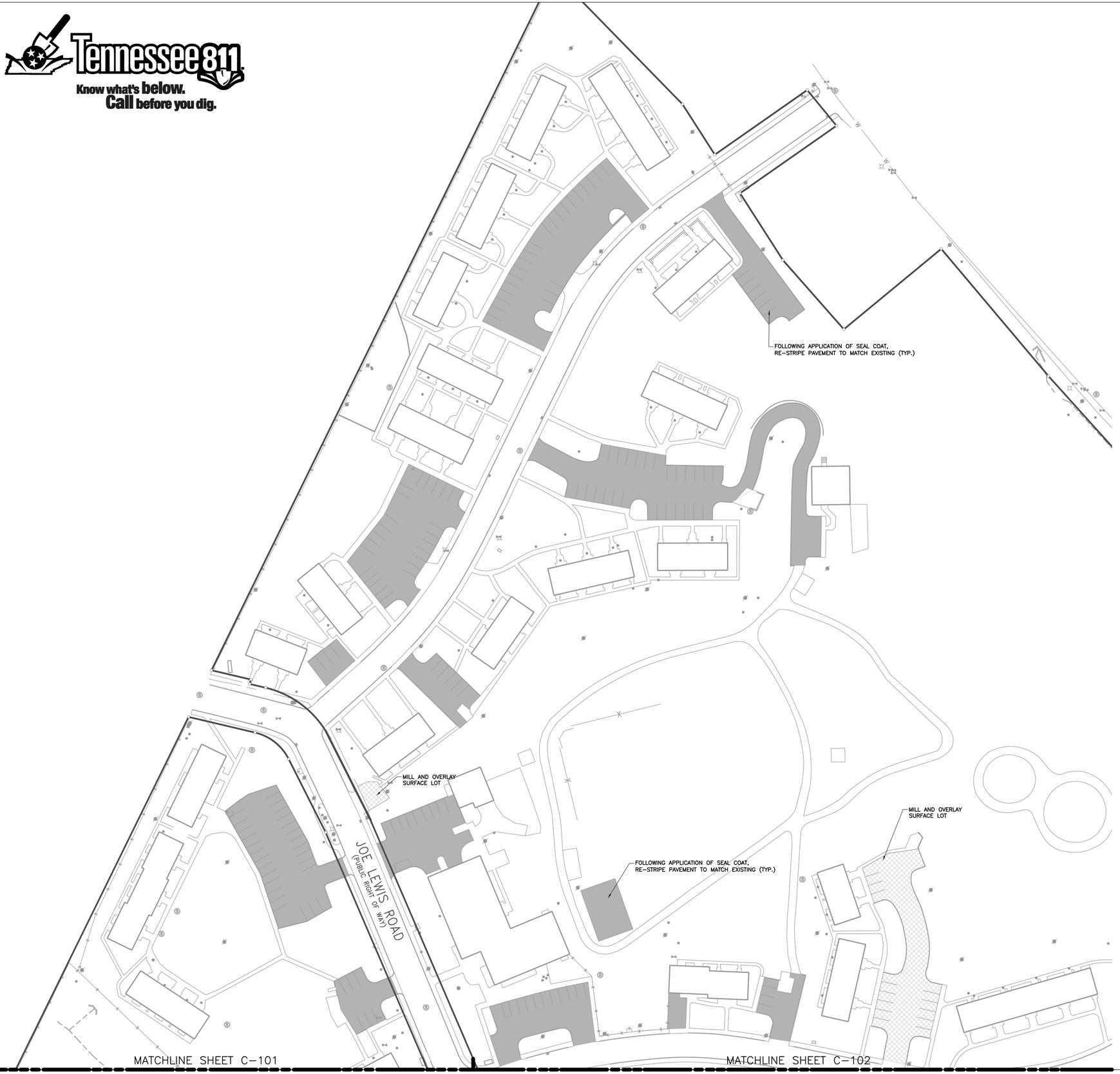

NOTES

1. EXISTING PROPERTY SURVEY DATA SHOWN IS FROM A SURVEY PREPARED BY ROTH LAND SURVEYING DATED JANUARY 3, 2017. ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
2. ASPHALT BASE PAVEMENT SEALER (SEAL COAT) SHALL BE A MINERAL FILLER ASPHALT EMULSION PAVEMENT SEALER SUCH AS POLYMER-MODIFIED MASTERSEAL AS MANUFACTURED BY SEALMASTER, OR APPROVED EQUAL, MEETING THE REQUIREMENTS OF ASTM D8099/D8099M-17. SEALER/SAND MIX SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AT A RATE OF 70 TO 80 SQUARE FEET PER GALLON. TWO COATS OF SEALER SHALL BE APPLIED WITH EACH COAT ALLOWED TO THOROUGHLY DRY BEFORE APPLYING SUCCESSIVE COATS. THE SURFACE OF THE EXISTING PAVEMENT SHALL BE CLEANED AND CRACKS IN EXCESS OF 1/8 INCH WIDE FILLED PRIOR TO APPLICATION OF THE SEALER.
3. PARKING STALL STRIPING SHALL BE NON-REFLECTIVE TRAFFIC PAINT. STRIPING SHALL BE, WATERBOURNE OR SOLVENT BOURNE, USING COLORS AS SPECIFIED HEREIN. WATERBOURNE PAINTS SHALL CONFORM TO FS TT-P-1952. SOLVENT BOURNE PAINTS SHALL CONFORM TO FS A-A-2886 OR AASHTO M248. PAINT SHALL BE APPLIED NO EARLIER THAN 14 DAYS PRIOR TO SUBSTANTIAL COMPLETION. PAINT COLORS SHALL FOLLOW THE FEDERAL STANDARD 595B COLOR NUMBERS AS FOLLOWS: BLUE-COLOR 15180, WHITE-COLOR 37925, AND YELLOW-COLOR 33538.
4. CONTRACTOR SHALL MEASURE AND RECORD PARKING DIMENSIONS BEFORE SEALING. ANY DIMENSIONS NOT MEETING CURRENT CITY OR STATE REQUIREMENTS SHALL BE RE-STRIPED TO MEET CURRENT REGULATIONS. REFER TO SHEET C-800 FOR PARKING SPACE MARKING DETAIL.
5. ALL PAVING RESTORATION SHOWN HEREIN SHALL BE PERFORMED AFTER LAND DISTURBANCE IN THE IMMEDIATE VICINITY IS COMPLETE AND PERMANENT STABILIZATION HAS BEEN ACHIEVED.
6. COORDINATE WITH OWNER FOR CLOSURE OF PARKING AND ROAD FACILITIES. PAVING RESTORATION, SURFACING AND STRIPING MAY BE DONE IN PHASES AT OWNER'S DISCRETION IN ORDER TO MAINTAIN THE NECESSARY PARKING CAPACITY OF THE FACILITY.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING FENCE
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- EXISTING CLEANOUT
- EXISTING WATER VALVE
- PROPOSED PAVEMENT SEAL COAT
- PROPOSED MILL AND OVERLAY

SCALE IN FEET
0 50 100

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GREGORY HOUSTON PRESNELL
REGISTERED ENGINEER
Gregory H. Presnell
112.005
COMMERCE
STATE OF TENNESSEE
10/15/18

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Sheet Title

PAVEMENT RESTORATION PLAN

Project Number	Sheet Number
18110	C-100
Date	
10-15-2018	

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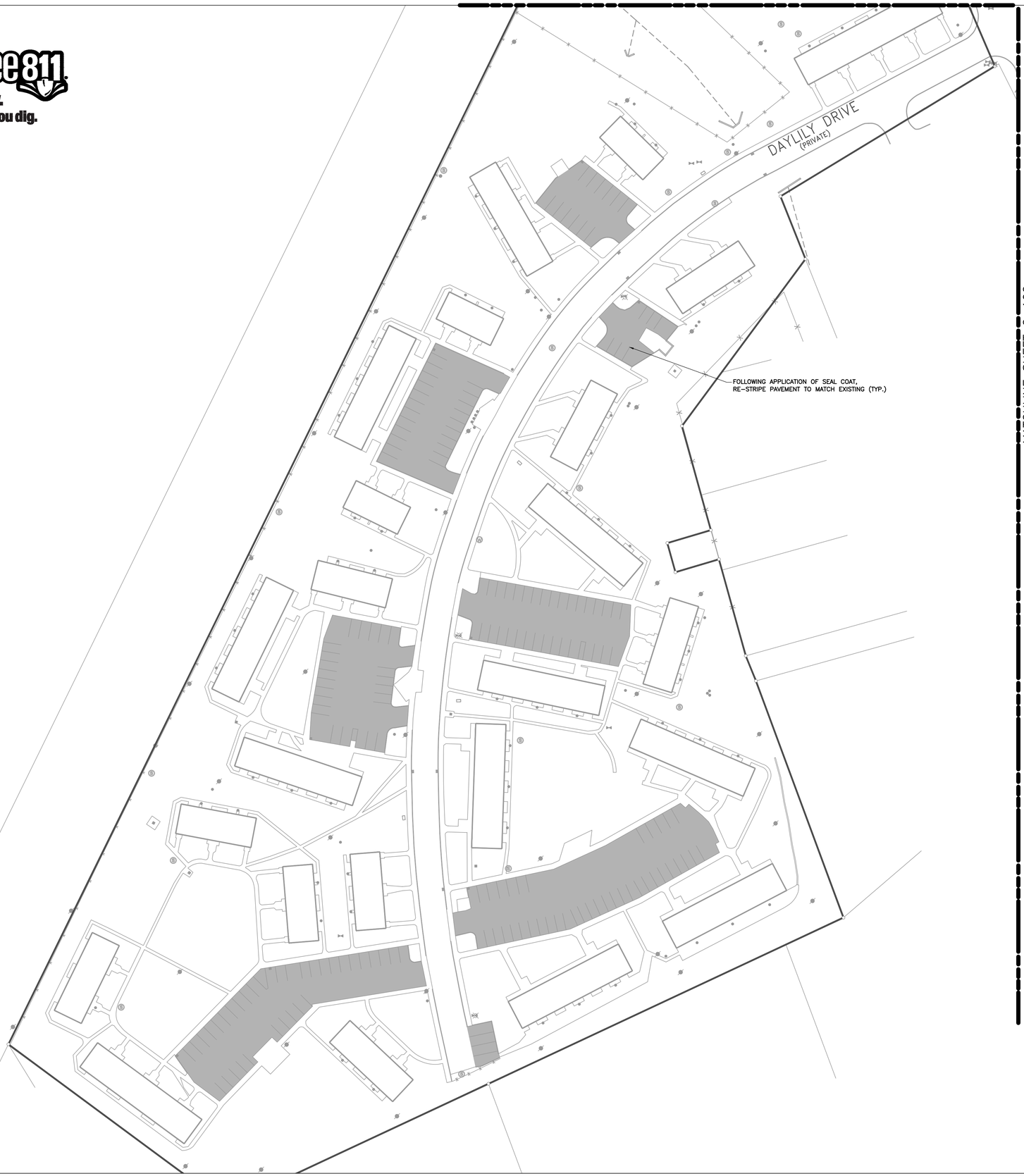
MATCHLINE SHEET C-100



MATCHLINE SHEET C-102

NOTES

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LEGEND

- EXISTING PROPERTY LINE
- EXISTING FENCE
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- EXISTING CLEANOUT
- EXISTING WATER VALVE
- PROPOSED PAVEMENT SEAL COAT
- PROPOSED MILL AND OVERLAY

SCALE IN FEET
0 50 100

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GREGORY HOUSTON PRESNELL
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Gregory H. Presnell
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10/15/18

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Sheet Title

PAVEMENT RESTORATION PLAN

Project Number	Sheet Number
18110	C-101
Date	
10-15-2018	

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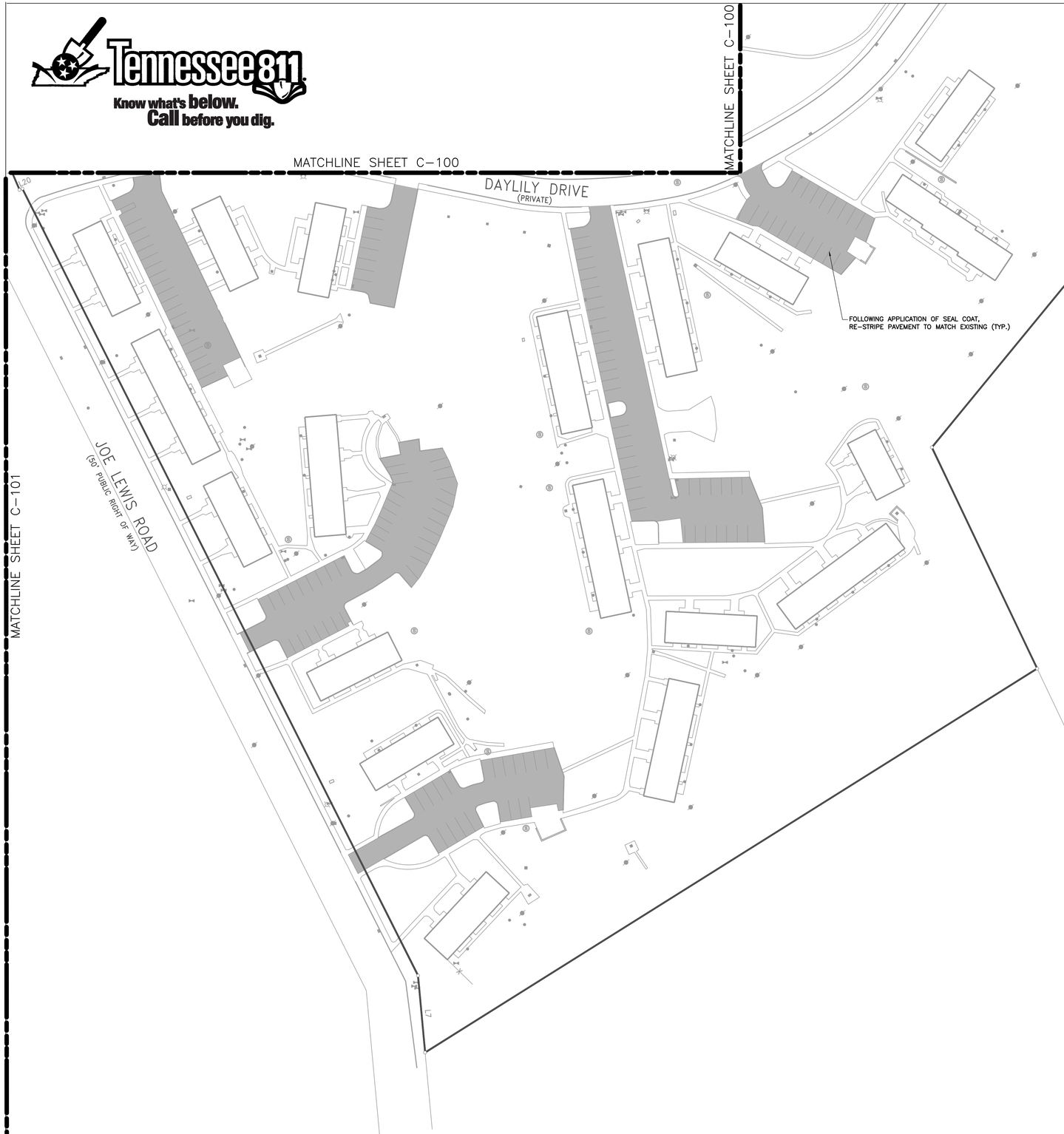

NOTES

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LEGEND

- EXISTING PROPERTY LINE
- EXISTING FENCE
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- EXISTING CLEANOUT
- EXISTING WATER VALVE
- PROPOSED PAVEMENT SEAL COAT
- PROPOSED MILL AND OVERLAY

SCALE IN FEET
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10/15/18

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Sheet Title

PAVEMENT RESTORATION PLAN

Project Number	Sheet Number
18110	C-102
Date	
10-15-2018	

Tennessee 811
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NOTES

1. EXISTING PROPERTY SURVEY DATA SHOWN IS FROM A SURVEY PREPARED BY ROTH LAND SURVEYING DATED JANUARY 3, 2017. ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
2. EXISTING WATER DISTRIBUTION NETWORK SHOWN IS FROM ORIGINAL DESIGN PLANS BY FULGHUM MACINDOE & ASSOCIATES DATED MARCH 27, 2010. THE LOCATIONS OF WATER AND ALL OTHER UTILITIES ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR. ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
3. REFERENCE ATTACHED FULGHUM MACINDOE & ASSOCIATES DRAWINGS DATED MARCH 27, 2010 FOR ANTICIPATED WATER DISTRIBUTION NETWORK PIPE DIAMETERS.
4. SHADED AREA REPRESENTS EXTENT OF PRIVATE WATER SERVICE LINE TO BE REHABILITATED VIA REPLACEMENT OF FITTINGS. REFERENCE ALLOWANCE AND UNIT PRICE SECTIONS OF CONSTRUCTION MANUAL FOR SPECIFIC FITTINGS TO BE LOCATED AND REPLACED UNDER THIS CONTRACT.
5. POTHOLE LOCATIONS ARE APPROXIMATE AND INDICATE GENERAL LOCATION WHERE PIPE COVER DEPTH SHOULD BE DETERMINED. EXACT LOCATION SHALL BE SELECTED SUBJECT TO THE LOCATION OF WATER SERVICE LINE AND AVOIDANCE OF SURFACE AND SUB-SURFACE OBSTACLES TO THE MAXIMUM EXTENT POSSIBLE. ALL POTHOLED LOCATIONS WHERE COVER DEPTH IS LESS THAN 36 INCHES FROM THE CROWN OF PIPE SHALL BE RECORDED, MARKED AND REPORTED TO THE OWNER.
6. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND PAY ALL PERMITTING FEES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. COORDINATE WORK ON PRIVATE WATER UTILITIES WITH OWNER. AT OWNER'S DISCRETION, WORK MAY BE PERFORMED IN PHASES IN ORDER TO MAINTAIN WATER SERVICE TO INHABITED FACILITIES.
8. NO WORK SHALL BE PERFORMED ON PUBLIC WATER DISTRIBUTION SYSTEMS.
9. NOTIFY OWNER IMMEDIATELY IF DEFECTIVE WATER SYSTEMS OUTSIDE OF THE SCOPE OF THIS WORK ARE UNCOVERED DURING CONSTRUCTION.
10. ALL TRENCH SPOILS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
11. ALL WORK OR ALTERATIONS TO EXISTING PRIVATE WATER SERVICE LINES SHALL BE PERFORMED BY A LICENSED PLUMBER PER CITY OF KNOXVILLE PLUMBING CODE.
12. MECHANICAL FITTINGS AND COUPLINGS SHALL BE DESIGNED FOR USE AND COMPATIBLE WITH HDPE PIPE, INCLUDING INTERNAL STIFFENERS WHEN REQUIRED BY MANUFACTURER. MECHANICAL FITTINGS AND COUPLINGS SHALL HAVE A PRESSURE RATING EQUAL TO OR GREATER THAN THE HOST PIPE AND SHALL BE DESIGNED TO RESIST PULLOUT.
13. EMPLOY RESTRAINT DEVICES OR ANCHORAGE SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR ALL MECHANICAL COUPLING APPLICATIONS TO PREVENT AXIAL MOVEMENT TO WATER SERVICE LINES.
14. MAINTAIN MINIMUM 10-FOOT HORIZONTAL AND 18-INCH MINIMUM VERTICAL SEPARATION BETWEEN SANITARY SEWER, STORM SEWER AND WATER SUPPLY LINE, UNLESS OTHERWISE INDICATED.
15. NOTIFY ARCHITECT IF CONDITIONS IN THE FIELD DEVIATE FROM THOSE SHOWN ON THE PLANS.
16. EROSION CONTROL
    16.1. TEMPORARY SEEDING IS REQUIRED WHEN EARTHMOVING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND ON SOIL STOCKPILES.
    16.2. PERMANENT SEEDING IS REQUIRED WHEN EARTHMOVING OPERATIONS ARE COMPLETED AND WHEN CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. CONTRACTOR SHALL INSPECT THE SITE PERIODICALLY TO REPAIR AND RE-ESTABLISH VEGETATION TO DAMAGED AREAS INCLUDING SEEDED AREAS THAT SHOW SIGNS OF EXCESSIVE EROSION. EROSION CONTROL MATTING SHALL BE USED ON ALL DISTURBED SLOPES STEEPER THAN 3 TO 1.
    16.3. INSTALL INLET PROTECTION IN ALL STORMWATER INLET STRUCTURES RECEIVING RUNOFF FROM LAND DISTURBING ACTIVITIES ASSOCIATED WITH THIS PROJECT. ADDITIONAL EROSION PREVENTION METHODS AS SHOWN IN THE PROJECT DETAILS OR OUTLINED IN THE TN EPSC HANDBOOK SHALL BE EMPLOYED AS-NEEDED TO STABILIZE DISTURBED AREAS AND PREVENT SEDIMENT FROM ENTERING STORM DRAINS OR ROADWAYS.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING FENCE
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATER SERVICE NETWORK
- EXISTING SANITARY MANHOLE
- EXISTING UTILITY POLE
- EXISTING CLEANOUT
- EXISTING WATER VALVE
- PROPOSED POTHOLE LOCATION
- EXISTING UTILITY EASEMENT
- PROPOSED ZONE OF WATER SERVICE REHAB

SCALE IN FEET
0 50 100

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GREGORY HOUSTON PRESNELL
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COMMERCE
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STATE OF TENNESSEE
10/15/18

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Sheet Title

WATER SERVICE REHABILITATION PLAN

Project Number	Sheet Number
18110	C-500
Date	
10-15-2018	

Tennessee 811
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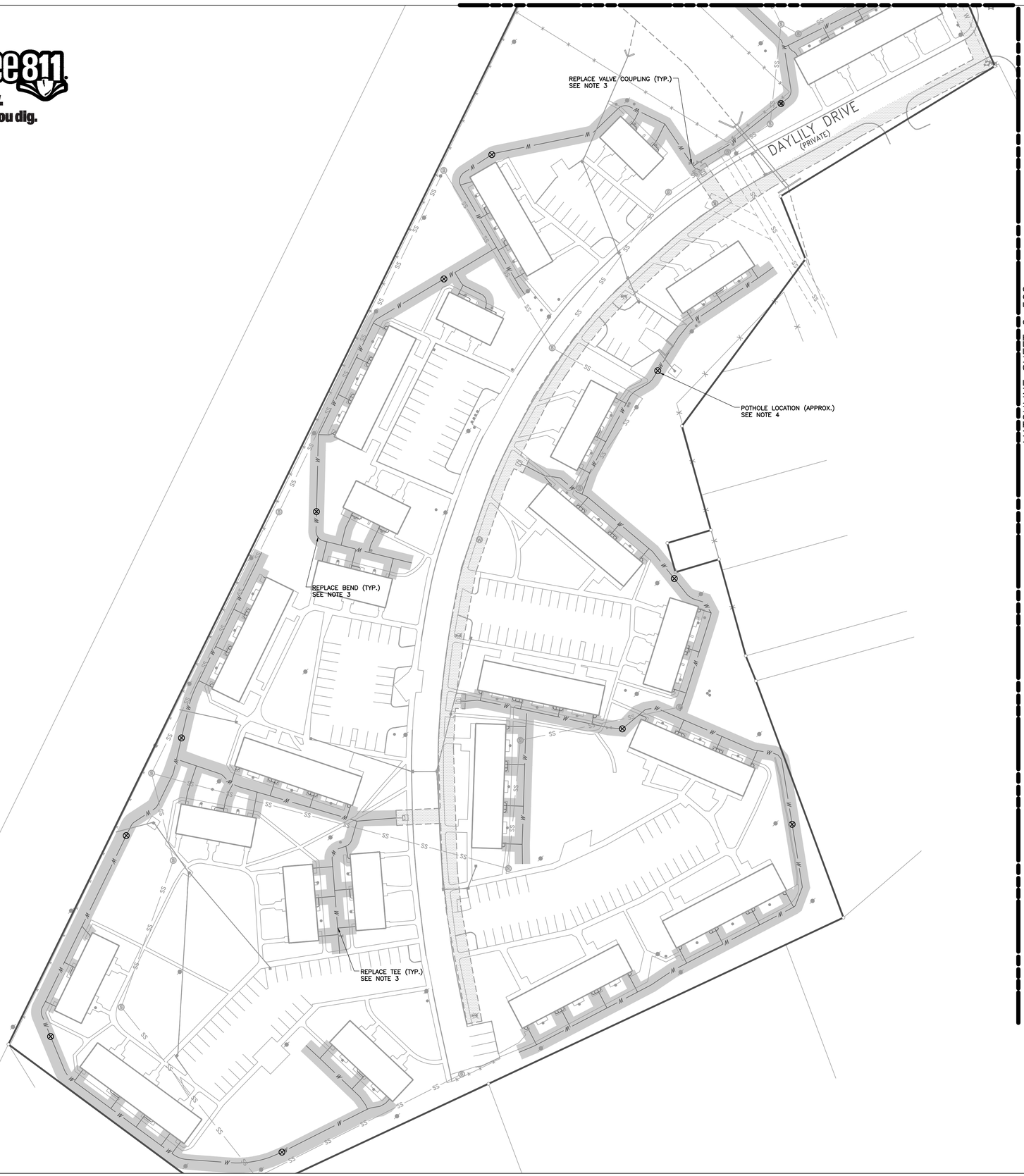
MATCHLINE SHEET C-500



MATCHLINE SHEET C-502

NOTES

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5. POTHOLE LOCATIONS ARE APPROXIMATE AND INDICATE GENERAL LOCATION WHERE PIPE COVER DEPTH SHOULD BE DETERMINED. EXACT LOCATION SHALL BE SELECTED SUBJECT TO THE LOCATION OF WATER SERVICE LINE AND AVOIDANCE OF SURFACE AND SUB-SURFACE OBSTACLES TO THE MAXIMUM EXTENT POSSIBLE. ALL POTHOLED LOCATIONS WHERE COVER DEPTH IS LESS THAN 36 INCHES FROM THE CROWN OF PIPE SHALL BE RECORDED, MARKED AND REPORTED TO THE OWNER.
6. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND PAY ALL PERMITTING FEES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
7. COORDINATE WORK ON PRIVATE WATER UTILITIES WITH OWNER. AT OWNER'S DISCRETION, WORK MAY BE PERFORMED IN PHASES IN ORDER TO MAINTAIN WATER SERVICE TO INHABITED FACILITIES.
8. NO WORK SHALL BE PERFORMED ON PUBLIC WATER DISTRIBUTION SYSTEMS.
9. NOTIFY OWNER IMMEDIATELY IF DEFECTIVE WATER SYSTEMS OUTSIDE OF THE SCOPE OF THIS WORK ARE UNCOVERED DURING CONSTRUCTION.
10. ALL TRENCH SPOILS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
11. ALL WORK OR ALTERATIONS TO EXISTING PRIVATE WATER SERVICE LINES SHALL BE PERFORMED BY A LICENSED PLUMBER PER CITY OF KNOXVILLE PLUMBING CODE.
12. MECHANICAL FITTINGS AND COUPLINGS SHALL BE DESIGNED FOR USE AND COMPATIBLE WITH HDPE PIPE, INCLUDING INTERNAL STIFFENERS WHEN REQUIRED BY MANUFACTURER. MECHANICAL FITTINGS AND COUPLINGS SHALL HAVE A PRESSURE RATING EQUAL TO OR GREATER THAN THE HOST PIPE AND SHALL BE DESIGNED TO RESIST PULLOUT.
13. EMPLOY RESTRAINT DEVICES OR ANCHORAGE SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR ALL MECHANICAL COUPLING APPLICATIONS TO PREVENT AXIAL MOVEMENT TO WATER SERVICE LINES.
14. MAINTAIN MINIMUM 10-FOOT HORIZONTAL AND 18-INCH MINIMUM VERTICAL SEPARATION BETWEEN SANITARY SEWER, STORM SEWER AND WATER SUPPLY LINE, UNLESS OTHERWISE INDICATED.
15. NOTIFY ARCHITECT IF CONDITIONS IN THE FIELD DEVIATE FROM THOSE SHOWN ON THE PLANS.
16. EROSION CONTROL
    16.1. TEMPORARY SEEDING IS REQUIRED WHEN EARTHMOVING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS AND ON SOIL STOCKPILES.
    16.2. PERMANENT SEEDING IS REQUIRED WHEN EARTHMOVING OPERATIONS ARE COMPLETED AND WHEN CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. CONTRACTOR SHALL INSPECT THE SITE PERIODICALLY TO REPAIR AND RE-ESTABLISH VEGETATION TO DAMAGED AREAS INCLUDING SEEDED AREAS THAT SHOW SIGNS OF EXCESSIVE EROSION. EROSION CONTROL MATTING SHALL BE USED ON ALL DISTURBED SLOPES STEEPER THAN 3 TO 1.
    16.3. INSTALL INLET PROTECTION IN ALL STORMWATER INLET STRUCTURES RECEIVING RUNOFF FROM LAND DISTURBING ACTIVITIES ASSOCIATED WITH THIS PROJECT. ADDITIONAL EROSION PREVENTION METHODS AS SHOWN IN THE PROJECT DETAILS OR OUTLINED IN THE TN EPSC HANDBOOK SHALL BE EMPLOYED AS-NEEDED TO STABILIZE DISTURBED AREAS AND PREVENT SEDIMENT FROM ENTERING STORM DRAINS OR ROADWAYS.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING FENCE
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER

SCALE IN FEET
0 50 100

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GREGORY HOUSTON PRESNELL
REGISTERED ENGINEER
Gregory H. Presnell
COMMERCE
112.00
STATE OF TENNESSEE
10/15/18

DATE	ISSUE FOR

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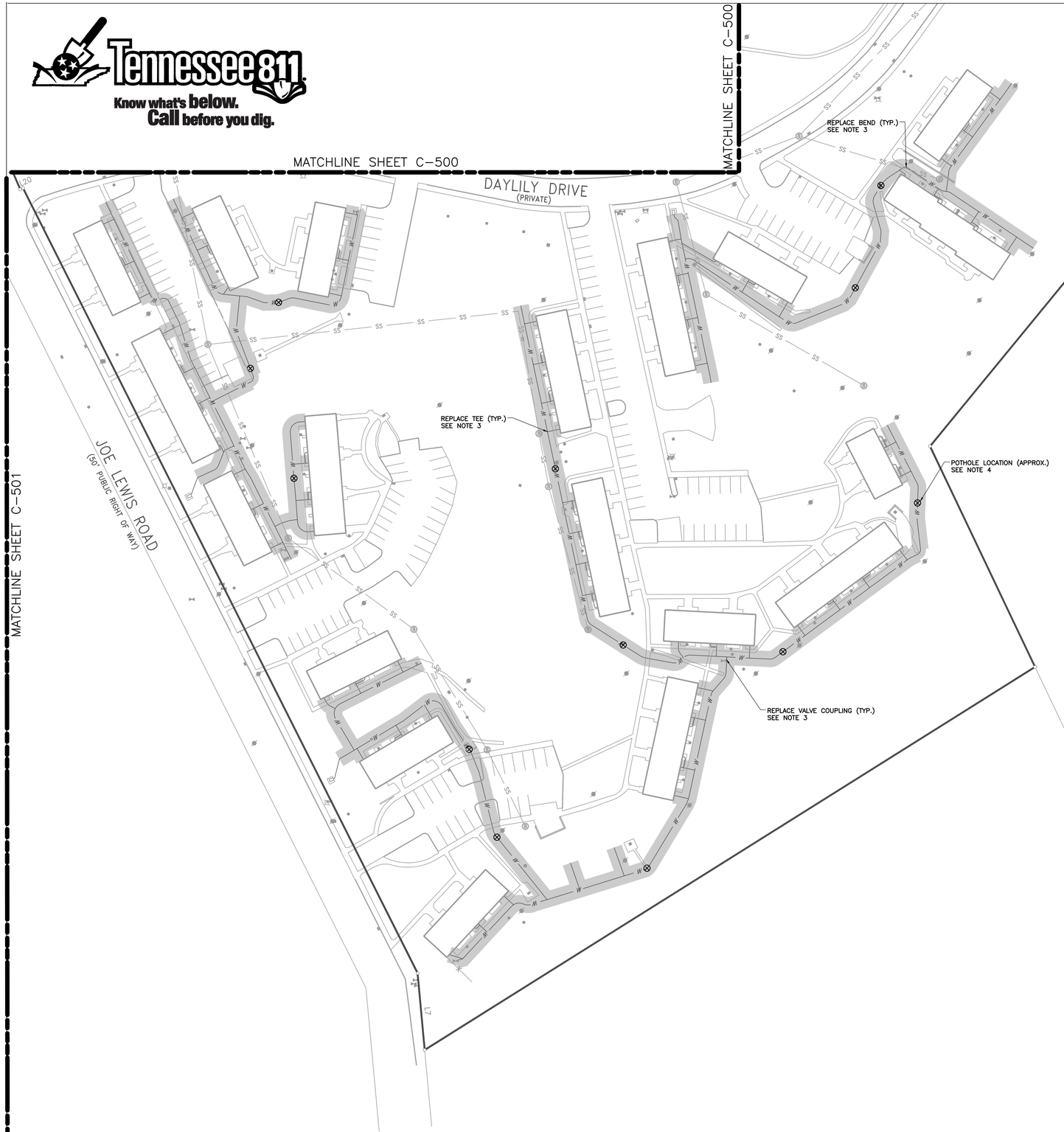
Sheet Title

WATER SERVICE REHABILITATION PLAN

Project Number	Sheet Number
18110	C-501
Date	
10-15-2018	

Know what's **below.**
Call before you dig.



NOTES

1. EXISTING PROPERTY SURVEY DATA SHOWN IS FROM A SURVEY PREPARED BY ROTH LAND SURVEYING DATED JANUARY 3, 2017. ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
2. EXISTING WATER DISTRIBUTION NETWORK SHOWN IS FROM ORIGINAL DESIGN PLANS BY FULGHUM MACINDOE & ASSOCIATES DATED MARCH 27, 2010. THE LOCATIONS OF WATER AND ALL OTHER UTILITIES ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR. ARCHITECT/ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
3. REFERENCE ATTACHED FULGHUM MACINDOE & ASSOCIATES DRAWINGS DATED MARCH 27, 2010 FOR ANTICIPATED WATER DISTRIBUTION NETWORK PIPE DIAMETERS.
4. SHADED AREA REPRESENTS EXTENT OF PRIVATE WATER SERVICE LINE TO BE REHABILITATED VIA REPLACEMENT OF FITTINGS. REFERENCE ALLOWANCE AND UNIT PRICE SECTIONS OF CONSTRUCTION MANUAL FOR SPECIFIC FITTINGS TO BE LOCATED AND REPLACED UNDER THIS CONTRACT.
5. POTHOLE LOCATIONS ARE APPROXIMATE AND INDICATE GENERAL LOCATION WHERE PIPE COVER DEPTH SHOULD BE DETERMINED. EXACT LOCATION SHALL BE SELECTED SUBJECT TO THE LOCATION OF WATER SERVICE LINE AND AVOIDANCE OF SURFACE AND SUB-SURFACE OBSTACLES TO THE MAXIMUM EXTENT POSSIBLE. ALL POTHOLED LOCATIONS WHERE COVER DEPTH IS LESS THAN 36 INCHES FROM THE CROWN OF PIPE SHALL BE RECORDED, MARKED AND REPORTED TO THE OWNER.
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- EXISTING FENCE
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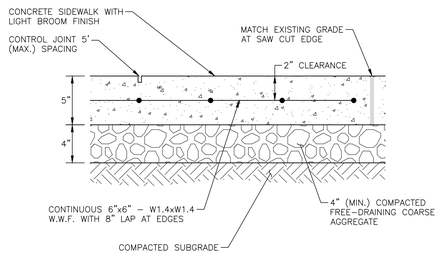
Sheet Title

WATER SERVICE REHABILITATION PLAN

Project Number	Sheet Number
18110	C-502
Date	
10-15-2018	

NOTE

1. EXISTING CONCRETE SIDEWALK WILL BE SAW CUT AT NEAREST CONTROL JOINT AND REPLACED WITH A FULL–DEPTH SIDEWALK SECTION.

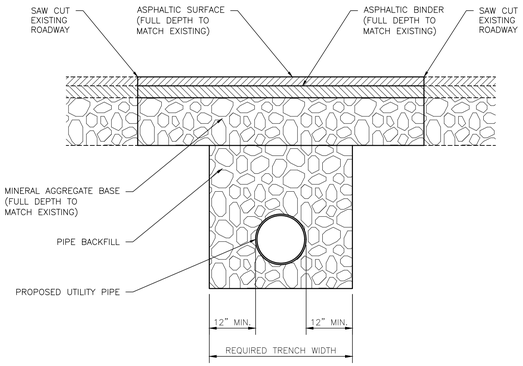


TYPICAL CONCRETE SIDEWALK

NOT TO SCALE

NOTE

1. EXISTING ASPHALT WILL BE SAW CUT AND REPLACED WITH A FULL–DEPTH ASPHALT PAVEMENT SECTION. A TWO YEAR PERFORMANCE BOND AND A THREE YEAR MAINTENANCE BOND WILL BE REQUIRED FOR ASPHALT PAVEMENT SECTION TRENCH REPAIR AREAS.



ASPHALT PAVEMENT SECTION TRENCH REPAIR

NOT TO SCALE

TEMPORARY SEEDING MIXTURES

SEEDING DATES	GRASS SEED	PERCENTAGES
JANUARY 1 TO MAY 1	ITALIAN RYE	50%
	SUMMER OATS	50%
MAY 1 TO JULY 15	SUDAN–SORGHURM	100%
MAY 1 TO JULY 15	STARR MILLET	100%
JULY 15 TO JANUARY 1	BALBOA RYE	67%
	ITALIAN RYE	33%

SOURCE TDOT STANDARDS SPECIFICATIONS

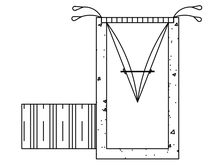
PERMANENT SEEDING MIXTURES

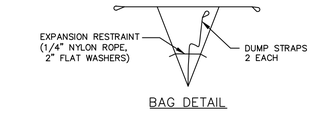
SEEDING DATES	GRASS SEED	PERCENTAGES
FEBRUARY 1 TO JULY 1	KENTUCKY 31 FESCUE	88%
	ENGLISH RYE	12%
JUNE 1 TO AUGUST 15	KENTUCKY 31 FESCUE	60%
	ENGLISH RYE	25%
	GERMAN MILLET	15%
AUGUST 1 TO DECEMBER 1	KENTUCKY 31 FESCUE	70%
	ENGLISH RYE	20%
	WHITE CLOVER	10%
DECEMBER 1 TO FEBRUARY 1	KENTUCKY 31 FESCUE	83%
	ENGLISH RYE	17%

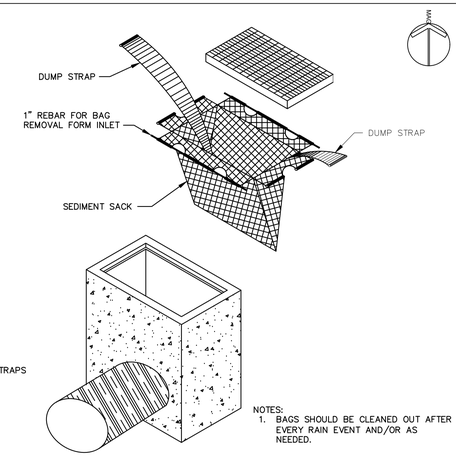
SOURCE TDOT STANDARDS SPECIFICATIONS

SEEDING SCHEDULE

NOT TO SCALE







NOTES:
1. BAGS SHOULD BE CLEANED OUT AFTER EVERY RAIN EVENT AND/OR AS NEEDED.

SILT BAG INLET PROTECTION DETAIL

NOT TO SCALE

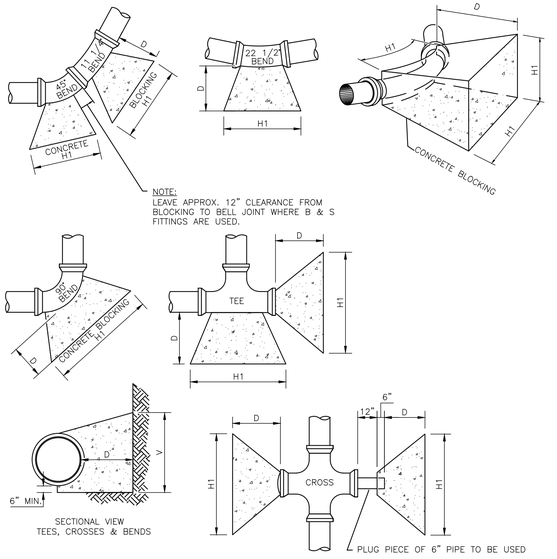


TABLE OF DIMENSIONS FOR CONCRETE BLOCKING

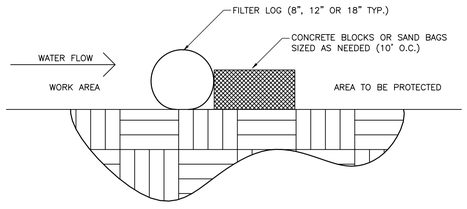
SIZE OF PIPE	TAPPING SLEEVES TEES & PLUGS				90° BENDS				45° BENDS				22 1/2 ° BENDS				11 1/4 ° BENDS			
	H_1	H_2	V	D	CU. FT.	H_1	H_2	V	D	CU. FT.	H_1	H_2	V	D	CU. FT.	H_1	H_2	V	D	CU. FT.	H_1	H_2	V	D	CU. FT.
2"& 2–1/4"	18"	10"	12"	18"	1.90	18"	10"	12"	18"	1.90	18"	6"	12"	18"	1.50	18"	6"	12"	18"	1.50	18"	6"	12"	18"	1.50
3"&4"	24"	12"	12"	18"	2.25	24"	12"	12"	18"	2.25	18"	8"	12"	18"	1.60	18"	8"	12"	18"	1.60	18"	8"	12"	18"	1.60
6"	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"	36"	18"	18"	18"	5.05	39"	18"	24"	18"	7.30	30"	11"	18"	18"	3.95	24"	11"	18"	18"	3.40	24"	11"	16"	18"	3.40
10"	48"	24"	18"	24"	7.15	54"	32"	12"	18"	10.25	24"	18"	21"	18"	4.60	24"	18"	21"	18"	4.60	24"	18"	21"	18"	4.60
12"	54"	30"	24"	24"	13.4	54"	36"	26"	24"	18.15	42"	18"	24"	24"	9.60	24"	18"	24"	24"	6.80	24"	18"	21"	24"	6.10
16"	66"	34"	36"	24"	22.5	69"	48"	48"	24"	29.0	48"	30"	36"	24"	17.0	24"	30"	27"	24"	11.8	27"	24"	27"	24"	9.10
24"	84"	48"	46"	30"	75.6	88"	68"	68"	36"	126.8	60"	36"	42"	36"	48.0	36"	30"	42"	36"	22.7	36"	30"	42"	36"	22.7

TABLE IS BASED ON 225 P.S.I. OR 150 P.S.I. WORKING PRESSURE PLUS 50% WATER HAMMER.

NOTE:
1. CONCRETE USED FOR BLOCKING SHALL BE 3,500#/SQ. IN.
2. EARTH PRESSURES ARE FIGURED AT 4,000# PER SQ. FT. BEARING AREA OF KICKERS SHALL BE INCREASED WHEN POURED AGAINST SAND, LOOSE FILL, WET EARTH, CINDERS, ECT.

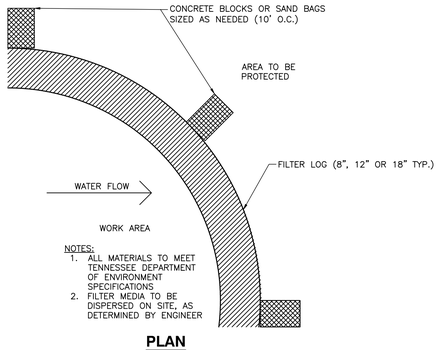
CONCRETE THRUST BLOCKING

NOT TO SCALE



SECTION

NOT TO SCALE



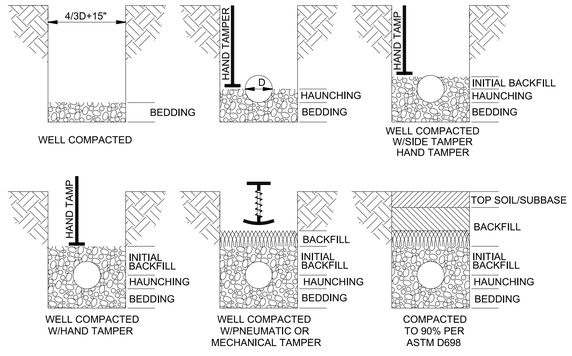
NOTES:
1. ALL MATERIALS TO MEET TENNESSEE DEPARTMENT OF ENVIRONMENT SPECIFICATIONS
2. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER

PLAN

NOT TO SCALE

FILTER SOCK

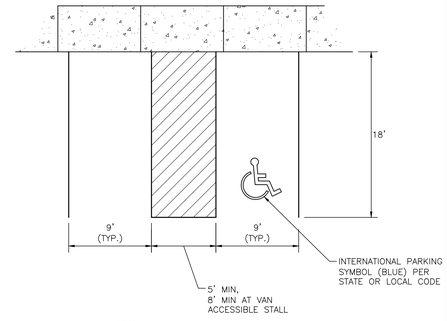
NOT TO SCALE



LAYER	DEPTH	MATERIAL
BEDDING	6" MIN.	CLASS I FOR FLEXIBLE PIPE, CLASS I-IV FOR RIGID PIPE
HAUNCHING	VARIES	CLASS I FOR FLEXIBLE PIPE, CLASS I-IV FOR RIGID PIPE, TAMPED IN 6" MAXIMUM LAYERS.
INITIAL BACKFILL	VARIES	CLASS I FOR FLEXIBLE PIPE, CLASS I-IV FOR RIGID PIPE
BACKFILL	VARIES	CLASS I-IV FOR ALL PIPE, 75% OF BACKFILL MATERIAL MAY CONTAIN BROKEN STONES NOT EXCEEDING 6" IN DIAMETER- TAMPED IN 12" MAXIMUM LAYERS
TOP SOIL (UNIMPROVED AREAS)	6"	CLASS III OR IV FOR ALL PIPE, FREE OF LARGE CLODS, VEGETABLE MATTER, DEBRIS STONE AND/OR ANY OTHER OBJECTIONABLE MATTER
SUBBASE (IMPROVED AREAS)	12"	CLASS I-IV FOR ALL PIPE - EXCEPT USE T.D.O.T. MINERAL AGGREGATE BASE TYPE A, ACROSS OR ALONG EXISTING PAVEMENT

TRENCH BACKFILLING & COMPACTION IN UNIMPROVED AND IMPROVED AREAS

NOT TO SCALE



NOTES:
1. PAINT WHITE 4" WIDE PARKING STRIPES, USING PAVEMENT MARKING MACHINE.
2. DRIVE LANE BEHIND STALLS MUST BE A MINIMUM OF 26'.

ACCESSIBLE PARKING SPACE MARKING

NOT TO SCALE

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www.cecinc.com

Project Number 18110

Date 10-15-2018

Sheet Number C-800

ABBREVATION LIST:

A#	ADDENDUM
AB	ANCHOR BOLT
ABV	ABOVE
ACC	ACCESS
ACI	AMERICAN CONCRETE INSTITUTE
ACT	ACOUSTICAL TILE
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
ADD	ADDENDUM
ADH	ADHESIVE
ADJ	ADJACENT, ADJUNCT
ADJT	ADJUSTABLE
ADO	AUTOMATIC DOOR OPERATOR
AFF	ABOVE FINISHED FLOOR
AG#	ARCHITECTURAL GENERAL
AGG	AGGREGATE
AHU	AIR HANDLING UNIT
AISC	AMERICAN INSTITUTE STEEL CONSTRUCTION
ALT	ALTERNATE
ALUM	ALUMINUM
AMB	AMBIENT
ANC	ANCHOR
ANOD	ANODIZED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AP	ACCESS PANEL
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECT (URAL)
AS#	ARCHITECTURAL SITE
ASB	ASBESTOS
ASC	ABOVE SUSPENDED CEILING
ASPH	ASPHALT
AUTO	AUTOMATIC
AVG	AVERAGE
AWC	ACOUSTICAL WALL COVERING
AWG	AMERICAN WIRE GAUGE
BATT	BATT INSULATION
BBD	BULLETIN BOARD
BC	BOOK CASE
BD	BOARD
BDY	BOUNDARY
BEJ	BRICK EXPANSION JOINT
BEL	BELOW
BITUM	BITUMINOUS
BL	BUILDING LINE
BLDG	BUILDING
BLK(G)	BLOCK(ING)
BM	BEAM
B.M.	BENCH MARK
BMFE	BRACKET-MOUNTED FIRE EXTINGUISHER
BO	BOTTOM OF
BOC	BACK OF CONCRETE
BOS	BACK OF STEEL
BOT	BOTTOM
BPL	BEARING PLATE
BRCG	BRACING
BRDG	BRIDGING
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BRZ	BRONZE
BS	BOTH SIDES
BSMT	BASEMENT
BT	BENT
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
BUR	BUILT-UP ROOFING
BVL	BEVELED
BW	BOTH WAYS
C#	CIVIL
CAB	CABINET
CALC	CALCULATION
CAP	CAPACITY
CB	CATCH BASIN
CEM	CEMENT
CER	CERAMIC
CF	COMPOSITE FLOORING
CFI	CONDUCTIVE FLOORING
CFM	CUBIC FEET PER MINUTE
CFT	CUBIC FOOT
CG	CORNER GUARD
CHAM	CHAMFER
CHBD	CHALKBOARD
CHIM	CHIMNEY
CHT	CEILING HEIGHT
CI	CAST IRON
CIPC	CAST IN PLACE CONCRETE
CIR	CIRCULAR
CIRC	CIRCUMFERENCE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLKG	CAULKING
CLL	CONTACT LIMIT LINE
CLO	CLOSET
CLOS	CLOSED
CLR	CLEAR(ANCE)
CLRGL	CLEAR GLASS
CLRWG	CLEAR WIRE GLASS
CM	CENTIMETER(S)
CMP	CORRUGATED METAL PIPE
CMT	CERAMIC MOSAIC TILE
CMU	CONCRETE MASONRY UNIT
CND	CONDUIT (RACEWAY, ELEC, ETC)
CNTR	COUNTER
CO	CLEAN OUT
CO2	CARBON DIOXIDE
COL	COLUMN
COM	COMMON
COMB	COMBUSTION
COMP	COMPRESS(ED),(ION),(IBLE)
COMPO	COMPOSITE, COMPOSITION
COMPT	COMPARTMENT
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONST JT	CONSTRUCTION JOINT
CONT	CONTINUE(OUS)
CONTR	CONTRACT(OR)
COR	CORNER
CORR	CORRIDOR
COV	COVERED
CPL	CEMENT PLASTER
CPR	COPPER
CPT	CARPET
CRES	CORROSIVE RESISTANT STEEL
CRS	COURSE(S)
CSK	COUNTERSINK, COUNTERSUNK
CSMT	CASEMENT
CSMU	CALCIUM SILICATE MASONRY UNIT
CST	CAST STONE
CT	CERAMIC TILE
CTC	CENTER TO CENTER
CTL	CARPET TILE
CTP	CERAMIC TILE PANEL
CTR	CENTER
CTSK	COUNTERSUNK SCREW
CU	CONDENSING UNIT
CUH	CABINET UNDER HEATER
CV	CEILING VENT
CY	CUBIC YARDS
CYL	CYLINDER

d	PENNY (AS IN NAIL, Id)
D	DRYER
DA	DOUBLE ACTIVE
DB	DRY BULB
DBL	DOUBLE
DBLH	DOUBLE HUNG
DC	DENTAL CASEWORK
DCJ	DOWELED CONTROL JOINT
DCJT	DUMMY CONTROL JOINT
DCL	DOOR CLOSER
DD	DESIGN DEVELOPMENT
DEG	DEGREE
DEM	DEMOLISH
DEP	DEPRESSED
DEPR	DEPRESSION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DH	DUCT HEATER
DIA	DIAMETER
DIAG	DIAGRAM
DIM	DIMENSION
DISC	DISCONNECT
DISP	DISPENSER
DIST	DISTRIBUTION
DIV	DIVISION
DL	DEAD LOAD
DN	DOWN
DP	DAMPPROOFING
DPR	DAMPER
DR	DOOR
DRN	DRAIN
DS	DOWNSPOUT
DTA	DOVETAIL ANCHOR
DTS	DOVETAIL ANCHOR SLOT
DW	DISHWASHER
DWG	DRAWING
DWLS	DOWELS
DWR	DRAWER
DWT	DUMBWAITER
E	EAST
E#	ELECTRICAL
EA	EACH
EB	EXPANSION BOLT
EF	EACH FACE
EIFS	EXTERIOR INSULATION FINISH SYSTEM
ELEC	ELECTRIC (AL)
ELEV	ELEVATION
EJ	EXPANSION JOINT
EMER	EMERGENCY
ENCL	ENCLOSE(URE)
ENTR	ENTRANCE, ENTERING
EO	EDGE OF
EOC	EDGE OF CONCRETE
EOM	EDGE OF MASONRY
EOP	EDGE OF PAVEMENT
EOS	EDGE OF SLAB
EP	ELECTRIC PANEL
EP	EXPLOSION PROOF
EPY	EPOXY COATING
EQ	EQUAL
EQUIP	EQUIPMENT
ESC	ESCALATOR
EST	ESTIMATE(D)
EWC	ELECTRIC WATER COOLER
EX TRZ	EXISTING TERRAZZO
EXD	EXIT DEVICE
EXH	EXHAUST
EXMP	EXPANDED METAL PIPE
EXP	EXPOSED
EXPL	EXPLOSION
EXPN	EXPANSION
EXT	EXTERIOR
EXST	EXISTING
F	FAHRENHEIT
FA	FIRE ALARM
FAC	FIRE APPARATUS CLOSURE
FAI	FRESH AIR INTAKE
FAS	FASTEN(ER)
FB	FACE BRICK
FBD	FIBERBOARD
FBO	FURNISHED BY OTHERS
FBRK	FIRE BRICK
FC	FIRE CODE
F/C	FLOOR-CEILING
FCG	FACING
FCJ	FLOOR CONSTRUCTION JOINT
FCU	FLOOR COIL UNIT
F.D.	FIRE DAMPER
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEB	FIRE EXTINGUISHER BRACKET
FEC	FIRE EXTINGUISHER CABINET
FF	FACTORY FINISH
FFE	FINISHED FLOOR ELEVATION
FFL	FINISH FLOOR LINE
FG	FIBERGLASS
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHS	FIRE HOSE STATION
FI	FILM ILLUMINATOR
FIG	FIGURE
FIN	FINISH(ED)
FIX	FIXTURE
FJT	FLUSH JOINT
FL	FLOOR
FLASH	FLASHING
FLCO	FLOOR CLEANOUT
FLEX	FLEXIBLE
FLG	FLOORING
FLR	FLOOR
FLUOR	FLUORESCENT
FN	FENCE
FND	FOUNDATION
FO	FACE OF
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FP#	FIRE PROTECTION
FP	FIRE PARTITION
FPL	FLOOR PLATE
FPRF	FIRE PROOF
F.R.	FIRE RATED
FR	FRAME(D)(ING)
FRA	FRESH AIR
FRC	FIRE-RESISTANT COATING
FRFEC	FULLY RECESSED FIRE EXTINGUISHER CABINET
FRP	FIBER REINFORCED PLASTIC
FRT	FIRE RETARDANT
FS	FULL SIZE
FT	FEET
FTG	FOOTING
FUR	FURR(ED)(ING)
FUT	FUTURE
FV	FIELD VERIFY
FW	FIRE WATER
FWC	FABRIC WALL COVERING

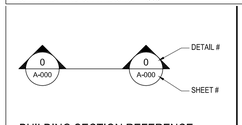
G	GAS
G#	GENERAL INFORMATION
GA	GAUGE OR GAGE
GAL	GALLON(S)
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GCMU	GLAZED CONCRETE MASONRY UNIT
GCO	GROUND CLEANOUT
GEN	GENERAL
GF	GROUND FACE
GFI	GROUND FAULT INTERRUPTOR
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRP	GLASS FIBER REINFORCED PLASTER
GI	GALVANIZED IRON
GL	GLASS, GLAZING
GLB	GLASS BLOCK
GLF	GLASS FIBER
GKT	GASKET(ED)
GND	GROUND
GOV	GOVERNMENT
GP	GALVANIZED PIPE
GPL	GYPSUM LATH
GPM	GALLONS PER MINUTE
GPPL	GYSPUM PLASTER, FINISH FLOOR
GPT	GYPSUM TILE
GR	GRADE(ING)
G'RAIL	GUARD RAIL
GRN	GRANITE
GRTG	GRATING
GSS	GALVANIZED STEEL SHEET
GST	GLAZED STRUCTURAL TILE
GSU	GLAZED STRUCTURAL UNITS
GT	GROUT
GUT	GUTTER
GVL	GRAVEL
GWB	GYPSUM WALL BOARD
GWT	GLAZED WALL TILE
GYP	GYPSUM
GYP BD	GYPSUM BOARD
HB	HOSE BIBB
HBD	HARD BOARD
HC	HOLLOW CORE
HCAP	HANDICAP(PED)
HCWD	HOLLOW CORE WOOD DOOR
H.D.	HEAVY DUTY
HD	HEAD
HDR	HEADER
HDW	HARDWARE
HGT	HEIGHT
HJT	HEAD JOINT
HK	HOOK(S)
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HP	HORSEPOWER
HPT	HIGH POINT
HR	HOUR
H'RAIL	HAND RAIL
HS	HIGH STRENGTH
HSGYP	HIGH STRENGTH GYPSUM PLASTER
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HWD	HARDWOOD
HWH	HOT WATER HEATER
HYD.	HYDRANT
HYD	HYDRAULIC
IC	INTERCOM
ICF	INSULATED CORE FORM
	INSULATING CONCRETE FORM
ID	INSIDE DIAMETER
IFC	ISSUE FOR CONSTRUCTION
IN	INCH
INCIN	INCINERATOR
INCL	INCLUDE(D)(ING)
INSC	INSULATING CONCRETE
INSF	INSULATING FILL
INSUL	INSULATE(ING)(ION)(ED)
INT	INTERIOR
INTM	INTERMEDIATE
INV	INVERT(ED)
JB	JUNCTION BOX
JC	JANITORS CLOSET
JCT	JUNCTION
JF	JOINT FILLER
JST	JOIST
JT	JOINT
KD	KILN-DRIED
KIT	KITCHEN
KO	KNOCKOUT
KPL	KICKPLATE
LAB	LABORATORY
LAD	LADDER
LAM	LAMINATE(D)
LAU	LAUNDRY
LAV	LAVATORY
LB	LAG BOLT
LBR	LUMBER
LBS	POUNDS
LG	LENGTH
LH	LEFT HAND(ED)
LIN	LINEAR
LKR	LOCKER
LL	LIVE LOAD
LLD	LEAD-LINED DOOR
LNTL	LINTEL
LONG	LONGITUDINAL
LP	LIGHTPROOF
LPD	LIGHTPROOF DOOR
LR	LIVING ROOM
LT	LIGHT
LTG	LIGHTING
LTTR	LONG TERM THERMAL RESISTANCE
LT WT	LIGHT WEIGHT
LVL	LAMINATED VENEER LUMBER
LVR	LOUVER
LWC	LIGHT WEIGHT CONCRETE

M	METER(S)
M#	MECHANICAL
MAC	MACHINE
MAS	MASONRY
MATL	MATERIAL(S)
MAX	MAXIMUM
MB	MACHINE BOLTS
MBR	MEMBER
MCAB	MEDICAL CABINET
MCJ	MASONRY CONTROL JOINT
MCO	METAL CASED OPENING
MECH	MECHANIC(AL)
MED	MEDIUM
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MER	MECHANICAL EQUIPMENT ROOM
MES	METAL EDGE STRIP
MFD	METAL FLOOR DECKING
MFG	MANUFACTUR(ER)
MGT	MATTE-GLAZED TILE
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
ML	METAL LATH
MLDG	MOULDING
MM	MILLIMETER(S)
MMB	MEMBRANE
MNIC	MATERIAL NOT IN CONTRACT, (INSTALLATION BY CONTRACTOR)
MO	MASONRY OPENING
MOD	MODULAR
MOD.	MODIFIED
MONO	MONOLITHIC
MOV	MOVABLE
MP	MOVABLE PARTITION
MR	MOISTURE RESISTANT
MRB	MARBLE
MRD	METAL ROOF DECKING
MS	MOP SINK
MSTC	MASTIC
MTD	MOUNT(ED)(ING)
MTFR	METAL FURRING
MTHR	METAL THRESHOLD
MTL	METAL
MULL	MULLION
MWK	MILLWORK
N	NORTH
NAT	NATURAL
NIC	NOT IN CONTRACT
NFPA	NATIONAL FIRE PROTECTION AGENCY
NL	NAILABLE
NMT	NONMETALLIC
NO	NUMBER
NOM	NOMINAL
NR	NOISE REDUCTION
NRC	NOISE REDUCTION COEFFICIENT
NREQD	NOT REQUIRED
NS	NO SCALE
NTS	NOT TO SCALE
O.A.	OVERALL
OA	OUTSIDE AIR
OB	OBSCURE WIRE GLASS
OBGL	OBSCURE GLASS
OC	ON CENTER
OCEW	ON CENTER EACH WAY
OD	OUTSIDE DIAMETER
OFF	OFFICE
OH	OVERHEAD
OJ	OPEN-WEB JOIST
OP	OPAQUE
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
OTS	OPEN TO STRUCTURE
P	POLE
P#	PLUMBING
PA	PUBLIC ADDRESS
PAR	PARALLEL
PARTN	PARTITION(S)
PB	PLANTING BED
PBD	PARTICAL BOARD
PC	PIECE
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCPL	PORTLAND CEMENT PLASTER
PD	PAVEMENT DRAIN
PE	PORCELAIN ENAMEL
PED	PEDESTAL
PERF	PERFORATE(D)
PERI	PERIMETER
PF	PRE-FINISHED
PFL	POUNDS PER LINEAR FOOT
PG	PLATE GLASS
PH	PHASE
PI	POINT OF INTERSECTION
P.L.	PROPERTY LINE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLG	PILING
PLYWD	PLYWOOD
PNL	PANEL
POL	POLISHED
PORC	PORCELAIN
PCT	PORCELAIN TILE
PORT	PORTABLE
PP	POWER POLE
PPG	POLISHED PLATE GLASS
P PTD	PRIME PAINTED
PR	PAIR
PREFAB	PREFABRICATE(D)
PREFIN	PREFINISHED
PRF	PREFORMED
PROJ	PROJECT
PS	PIPE SPACE
PSC	PRESTRESSED CONCRETE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT.	POINT
PT	PAINT
PT WD	PRESSURE TREATED WOOD
PTC	POST-TENSIONED CONCRETE
P.,A.	PAPER TOWEL DISPENSER
PTR	PAPER TOWEL RECEPTOR
PV	PAVE(D)(ING)
PVC	POLYVINYLCHLORIDE
PVMT	PAVEMENT
QT	QUARRY TILE
PT.	QUART
QTRS	QUARTERS
QTY	QUANTITY

R	REVISION, REVISED
R#	REVISION, REVISED
RA	RETURN AIR
RAD	RADIUS
RB	RUBBER BASE
RC	REMOTE CONTROL
R/C	ROOF-CEILING
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECEPTACLE
REF.	REFRIGERATOR
REG	REGLET
REF	REFERENCE
REINF	REINFORCED
REM	REMOVE(ABLE)
REQD	REQUIRED
RES	RESILIENT
RET	RETURN
REV	REVISION(S)
	REVISED
RFG	ROOFING
RFH	ROOF HATCH
RFL	REFLECT(ED)(IVE)(OR)
RGE	RANGE
RGH	ROUGH
RH	RIGHT HAND
RIS	RISER
RL	RAIL(ING)
RM	ROOM
RND	ROUND
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RP	RETRACTABLE PARTITION
RPRT	RAISED PATTERN RUBBER TILE
RR	RESTROOM
RSR	RISER
RT	RUBBER TILE
RUB	RUBBER
RVS	REVERSE (SIDE)
RWC	RAINWATER CONDUCTOR
S	SOUTH
S#	STRUCTURAL
S&R	SHELF AND ROD
SA	SUPPLY AIR
SAB	SOUND ATTENUATION BLANKET
SAF	SELF ADHEARED FLASHING
SB	SPLASH BLOCK
SC	SOLID CORE
S.C.	SPECIAL COATING
SCHED	SCHEDULE
SCUT	SCUTTLE
SCWD	SOLID CORE WOOD DOOR
SD	SCHEMATIC DESIGN
S.D.	STORM DRAIN
SDI	STEEL DOOR INSTITUTE
SEAL	SEALANT
SFGL	SAFETY GLASS
SFTU	STRUCTURAL FACING TILE UNIT
SFU	STRUCTURAL FACING UNIT
SG	SHEET GLASS
SGL	SINGLE
SH	SHELF, SHELVING
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SKL	SKYLIGHT
SL	SLEEVE
SM	SHEET METAL
SMFEC	SURFACE-MOUNTED FIRE EXTINGUISHER CABINET
SOH	SIMILAR, OPPOSITE HAND
SPD	SOUND-PROOF DOOR
SPEC	SPECIFICATION(S)
SPF	SOUNDPROOF
SPH	SPACE HEATER
SPKR	SPEAKER
SQ	SQUARE
SSTL	STAINLESS STEEL
SSK	SERVICE SINK
SSMR	STANDING SEAM METAL ROOF
ST	STAIN
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STGR	STRINGER
STL	STEEL
STN	STONE
STOR	STORAGE
STRUCT	STRUCTURE(AL)
SUB FL	SUBFLOOR
SUSP	SUSPENDED
SV	SHEET VINYL
SVF	SHEET VINYL FLOORING
SYM	SYMMETRICAL
SYS	SYSTEM
T	TREAD
TA	TABLE
TAN	TANGENT
TB	TOWEL BAR
TC	TERRA COTTA
TCC	TEXTURED CEILING COATING
TELE	TELEPHONE
TEMP	TEMPORARY
TERM	TERMINAL
TERR	TERRAZZO
T&G	TONGUE AND GROOVE
TH	THRESHOLD
THK	THICK(NESS)
TKBD	TACKBOARD
TKS	TACKSTRIP
TMPT	TEMPERATURE
TO	TOP OF
TOC	TOP OF CONCRETE
TOIL	TOILET
TOL	TOLERANCE
TOM	TOP OF MASONRY
TOP	TOP OF PLATE
TOPO	TOPOGRAPHY
TOS	TOP OF STEEL
TOSL	TOP OF SLAB
TOT	TOP OF TRUSS
TOW	TOP OF WALL
T.P.	TRIM PROFILE
TP	TOILET PAPER
TPD	TOILET PAPER DISPENSER
TPTN	TOILET PARTITION
TR	TRANSOM
TRANS	TRANSVERSE
TSTAT	THERMOSTAT
TV	TELEVISION
TWU	THROUGH-WALL UNIT
TYP	TYPICAL

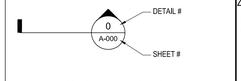
UC	UNIT COOLER
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UL	UNDERWRITERS' LABORATORIES
UNEX	UNEXCAVATED
UNFIN	UNFINISHED
UPS	UNINTERRUPTIBLE POWER SYSTEM
UR	URINAL
UTL	UTILITY
V	VOLT
VAB	VAPOR BARRIER
VAR	VARNISH
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATOR(TION)
VERT	VERTICAL
VEST	VESTIBULE
VFC	VINYL FABRIC COVERING
VG	VERTICAL GRAIN
VIF	VERIFY IN FIELD
VIN	VINYL
VJ	V-JOINT(ED)
VNR	VENEER
VOL	VOLUME
VR	VAPOR RETARDER
VS	VENT STACK
VT	VINYL TILE
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W	WEST
W/	WITH
W/O	WITHOUT
WB	WOOD BASE
WC	WASTE CLOSET
W/C	WHEEL CHAIR
WCO	WOOD-CASED OPENING
WD	WOOD
W/D	WASHER/DRYER
WD BLK	WOOD BLOCKING
WD DR	WOOD DOOR
WG	WIRE GLASS
WH	WALL HUNG
W/H	WATER HEATER
WHB	WHEEL BUMPER
WHP	WHIRLPOOL BATH
WHT	WHITE
WI	WROUGHT IRON
WID	WIDTH
WIN	WINDOW
WM	WIRE MESH
WP	WEATHERPROOF
WPF	WATERPROOF
WPG	WATERPROOFING
WPT	WORKING POINT
WR	WASTE RECEPTACLE
WRB	WEATHER RESISTIVE BARRIER
W.S.	WASTE STACK
WS	WATER STOP
WSCT	WAINSCOT
WT	WEIGHT
WTW	WALL-TO-WALL
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
XRAY	X-RAY EQUIPMENT RADIOLOGY
XFMR	TRANSFORMER
Y.D.	YARD DRAIN
YD	YARD

STANDARD SYMBOLS - N.T.S.



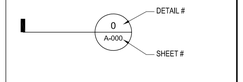
BUILDING SECTION REFERENCE

SPOT ELEVATION REFERENCE

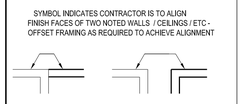


WALL SECTION REFERENCE

MODIFICATION CLOUD REFERENCE

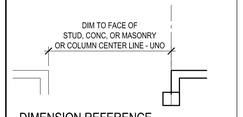


SECTION DETAIL REFERENCE

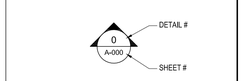


WALL ALIGNMENT REFERENCE

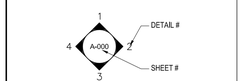
ENLARGED DETAIL REFERENCE



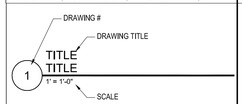
DIMENSION REFERENCE



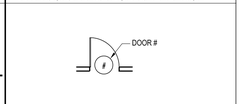
EXTERIOR ELEVATION REFERENCE



INTERIOR ELEVATION REFERENCE

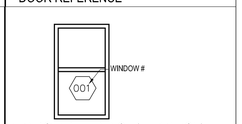


TITLE MARKER REFERENCE



DOOR REFERENCE

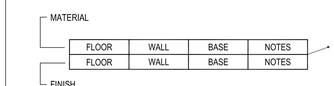
ROOM NAME REFERENCE



WINDOW REFERENCE (ELEVATION)

HEIGHT	TYPE	FINISH	NOTES

CEILING REFERENCE



ROOM FINISH REFERENCE (WHERE USED)

STANDARD MATERIALS LEGEND - N.T.S.

	ALUMINUM
	ASPHALT
	BRICK
	CMU
	CONC. (FOR SECTION)
	FILL / DISTURBED EARTH
	DOOR VENEER
	E.I.F.S., VARIOUS
	GLASS
	GRAVEL
	INTERMITTENT WOOD BLOCKING / FURRING
	PLYWOOD
	SAND, GYP. BD., GROUT (PLAN = CONC.)
	SHEATHING - OSB ... ETC.
	STEEL
	STONE
	CONTINUOUS WOOD BLOCKING
	WOOD

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4530 JOE LEWIS ROAD

KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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Sheet Title

ARCHITECTURAL GENERAL NOTES AND LEGENDS INFORMATION

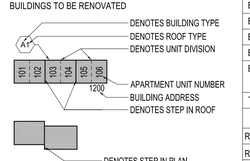
Project Number	Sheet Number
18110	AG001
Date	
10-08-18	

1 SITE INFORMATION PLAN
SCALE: 1" = 100'-0"

LEGEND:

PARKING LOTS TO BE SEALED AND STRIPED.

BUILDINGS TO BE RENOVATED



BUILDING TYPES:		
BUILDING TYPE A:	9 BUILDINGS @ (12) 1 BR UNITS / BLDG	= 108 UNITS
BUILDING TYPE B:	6 BUILDINGS @ (4) 2 BR UNITS / BLDG	= 24 UNITS
BUILDING TYPE C:	9 BUILDINGS @ (6) 2 BR UNITS / BLDG	= 54 UNITS
BUILDING TYPE D:	1 BUILDINGS @ (8) 2 BR UNITS / BLDG	= 8 UNITS
BUILDING TYPE E:	9 BUILDINGS @ (4) 3 BR UNITS / BLDG	= 36 UNITS
BUILDING TYPE F:	4 BUILDINGS @ (6) 3 BR UNITS / BLDG	= 24 UNITS
BUILDING TYPE G:	2 BUILDINGS @ (8) 3 BR UNITS / BLDG	= 16 UNITS
BUILDING TYPE H:	NOT USED	
BUILDING TYPE I:	7 BUILDINGS @ (6) 4 BR UNITS / BLDG	= 42 UNITS
BUILDING TYPE J:	18 BUILDINGS @ (2) 3 BR UNITS / BLDG + (2) 5 BR UNITS / BLDG	= 72 UNITS
TOTAL:	65 BUILDINGS	= 384 UNITS

ROOF TYPES:	
ROOF TYPE 1	STRAIGHT GABLE ROOF TYPE
ROOF TYPE 2	HIP ROOF TYPE
ROOF TYPE 3	MULTIPLE GABLE ROOF TYPE

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www.dia-arch.com

CHRISTOPHER N. ELLIS
REGISTERED ARCHITECT
No. 20691
STATE OF TENNESSEE
10/08/18

A RENOVATION TO:

MONTGOMERY VILLAGE

4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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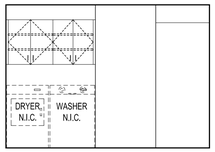
Sheet Title

SITE INFORMATION PLAN

Project Number	Sheet Number
18110	AS101
Date	
10-08-18	

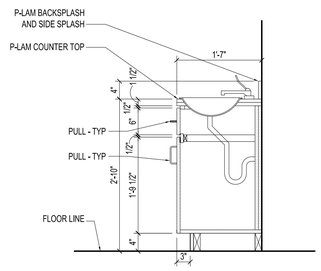


9 INTERIOR ELEVATION AT 1ST FLOOR UNITS
SCALE: 1/4"=1'-0"

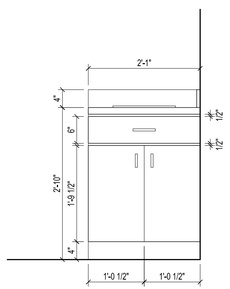
8 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

HARDWARE SCHEDULE

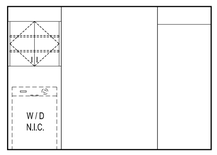
SET #1 - ENTRY AND BACK DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE
1	EXTERIOR PASSAGE LEVER - STANLEY QCL 230 PASSAGE LEVER
SET #2 - MECHANICAL DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE



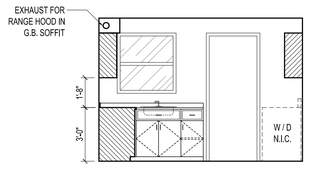
11 VANITY B - SECTION
SCALE: 3/4"=1'-0"



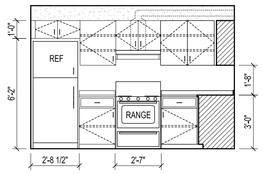
10 VANITY B - ELEVATION
SCALE: 3/4"=1'-0"



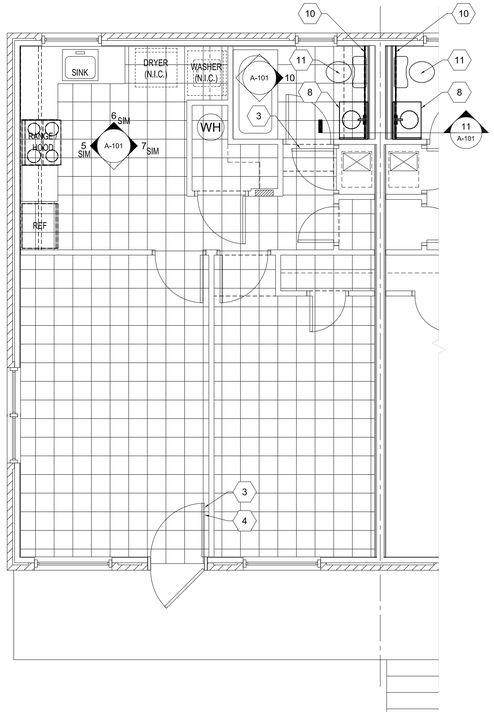
7 INTERIOR ELEVATION AT 2ND FLOOR UNITS
SCALE: 1/4" = 1'-0"



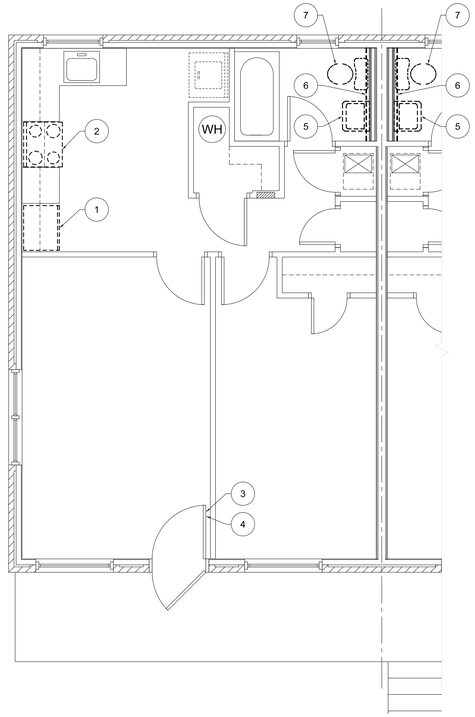
6 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



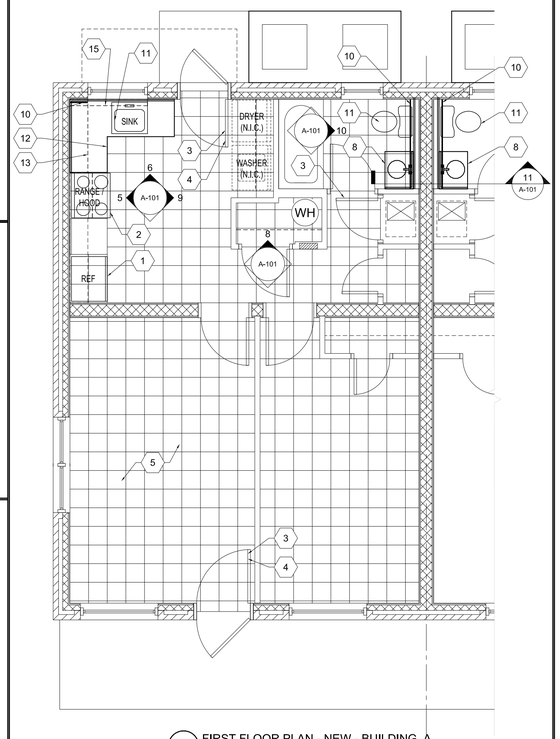
5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



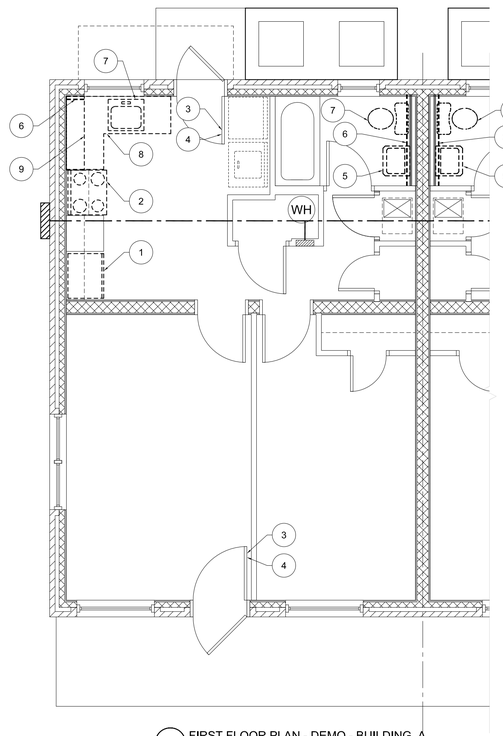
4 SECOND FLOOR PLAN - NEW - BUILDING A
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1B



2 SECOND FLOOR PLAN - DEMO - BUILDING A
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1B



3 FIRST FLOOR PLAN - NEW - BUILDING A
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1A



1 FIRST FLOOR PLAN - DEMO - BUILDING A
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1A

LEGEND:

NEW LVT FLOOR

DEMOLITION NOTES AS REFERENCED BY (1)

1. REMOVE AND PROPERLY DISPOSE OF EXISTING REFRIGERATOR.
2. REMOVE AND PROPERLY DISPOSE OF EXISTING OVEN/ RANGE.
3. REMOVE EXISTING DEADBOLT LOCK. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD DEADBOLT LOCKS, THEN PROPERLY DISPOSE OF LOCKS.
4. REMOVE EXISTING EXTERIOR PASSAGE SET. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD PASSAGE SETS, THEN PROPERLY DISPOSE OF SETS.
5. REMOVE AND PROPERLY DISPOSE OF WALL MOUNTED SINK.
6. REMOVE EXISTING GWB FROM THE FACE OF PLUMBING WALL, TO ALLOW ACCESS TO PLUMBING RISERS.
7. RELOCATE EXISTING APPLIANCES AND PLUMBING FIXTURES WHILE WORK IS BEING PERFORMED. STORE AND PROTECT.
8. EXISTING KITCHEN CABINET WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET AND COUNTER TOP FOR REUSE AFTER NEW GWB IS INSTALLED.
9. EXISTING UPPER CABINETS/ SHELVES WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET FOR REUSE AFTER NEW GWB IS INSTALLED.

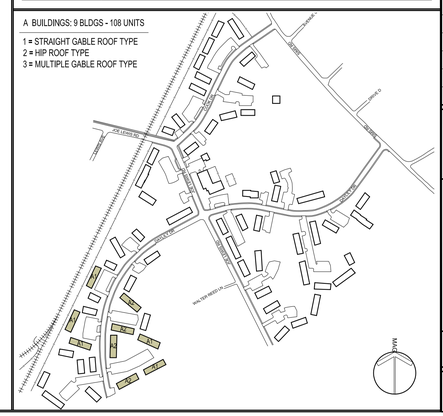
NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

1. INSTALL NEW REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT ALL ATTIC SPACES.
8. INSTALL NEW SINK AND VANITY.
9. INSTALL NEW WALL MOUNTED SINK.
10. INSTALL NEW MOISTURE RESISTANT GWB AFTER WORK IS COMPLETED.
11. REINSTALL EXISTING APPLIANCES AND PLUMBING FIXTURES WHEN WORK IS COMPLETED.
12. REINSTALL EXISTING KITCHEN CABINETS AND COUNTER TOPS, AFTER NEW GWB IS INSTALLED.
13. REINSTALL EXISTING UPPER CABINETS/ SHELVES, AFTER NEW GWB IS INSTALLED.
14. INSTALL 2 NEW METAL SUPPORT LEGS AT CORNERS OF SINK. SUPPORTS SHALL HAVE A POLISHED CHROME FINISH.
15. NEW PLUMBING CHASE, 5/8" GYP. BD ON METAL STUDS. OVERALL DIMENSIONS 4 1/4" X 4 1/4" MIN.

PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

A BUILDINGS: 9 BLDGS - 108 UNITS
1 = STRAIGHT GABLE ROOF TYPE
2 = HIP ROOF TYPE
3 = MULTIPLE GABLE ROOF TYPE



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A RENOVATION TO:
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4530 JOE LEWIS ROAD
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DATE	ISSUE FOR

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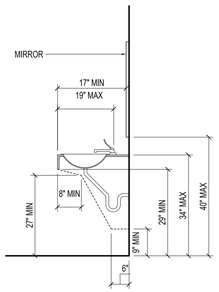
Sheet Title

BUILDING A
UNIT PLANS -
NEW & DEMO

Project Number	Sheet Number
18110	A-101
Date	
10-08-18	



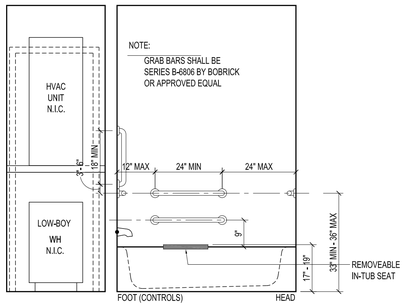
NOTES:

1. HOT WATER AND DRAIN PIPES UNDER THE LAVATORY SHALL BE INSULATED OR CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORY.
2. FAUCETS SHALL BE LEVER OPERATED, PUSH TYPE.
3. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE NO HIGHER THAN 40 INCHES ABOVE THE FINISH FLOOR.

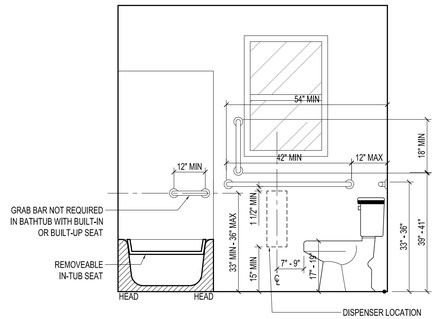
10 LAVATORY CLEARANCES
SCALE: 1/2"=1'-0"

HARDWARE SCHEDULE

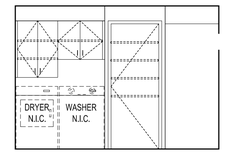
SET #1 - ENTRY AND BACK DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE
1	EXTERIOR PASSAGE LEVER - STANLEY QCL 230 PASSAGE LEVER
SET #2 - MECHANICAL DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE



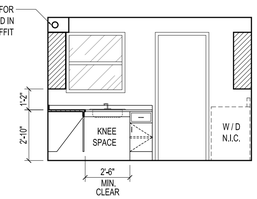
9 INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



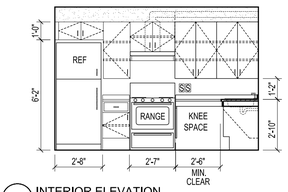
7 INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



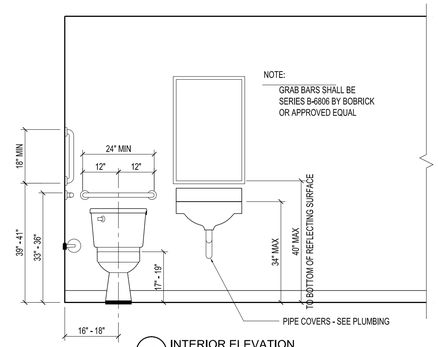
5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



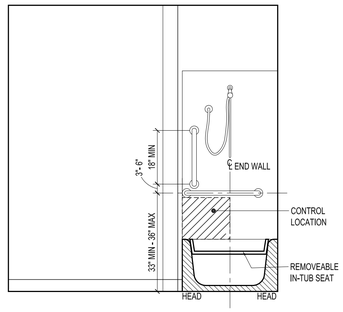
4 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



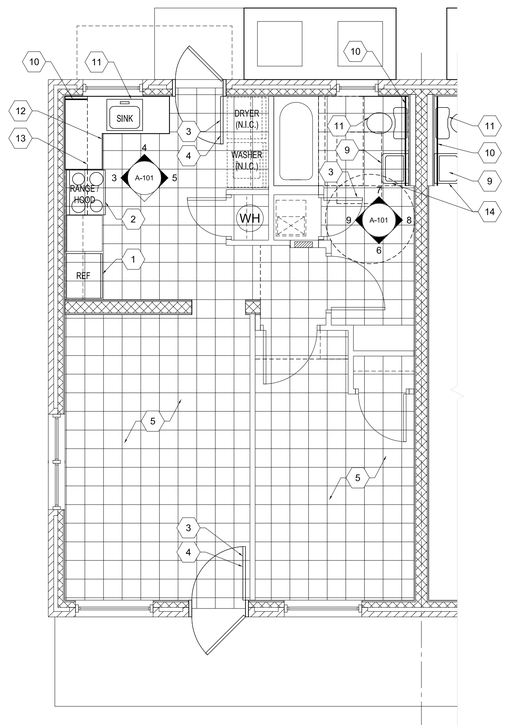
3 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



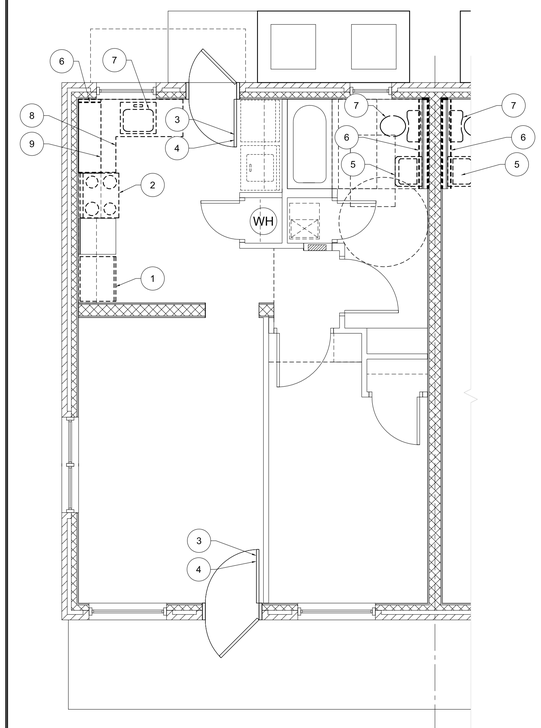
8 INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



6 INTERIOR ELEVATION
SCALE: 1/2" = 1'-0"



2 FIRST FLOOR ACCESSIBLE PLAN - NEW - BUILDING A
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR ACCESSIBLE PLAN - DEMO - BUILDING A
SCALE: 1/4" = 1'-0"

LEGEND:

NEW LVT FLOOR

DEMOLITION NOTES AS REFERENCED BY (1)

1. REMOVE AND PROPERLY DISPOSE OF EXISTING REFRIGERATOR.
2. REMOVE AND PROPERLY DISPOSE OF EXISTING OVEN/ RANGE.
3. REMOVE EXISTING DEADBOLT LOCK. ALLOW OWNER RIGHT OF FIRST REFUSAL, IF OWNER OPTS NOT TO KEEP THE OLD DEADBOLT LOCKS, THEN PROPERLY DISPOSE OF LOCKS.
4. REMOVE EXISTING EXTERIOR PASSAGE SET. ALLOW OWNER RIGHT OF FIRST REFUSAL, IF OWNER OPTS NOT TO KEEP THE OLD PASSAGE SETS, THEN PROPERLY DISPOSE OF SETS.
5. REMOVE AND PROPERLY DISPOSE OF WALL MOUNTED SINK.
6. REMOVE EXISTING GWB FROM THE FACE OF PLUMBING WALL, TO ALLOW ACCESS TO PLUMBING RISERS.
7. RELOCATE EXISTING APPLIANCES AND PLUMBING FIXTURES WHILE WORK IS BEING PERFORMED. STORE AND PROTECT.
8. EXISTING KITCHEN CABINET WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET AND COUNTER TOP FOR REUSE AFTER NEW GWB IS INSTALLED.
9. EXISTING UPPER CABINETS/ SHELVES WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET FOR REUSE AFTER NEW GWB IS INSTALLED.

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

1. INSTALL NEW ACCESSIBLE REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW ACCESSIBLE OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT EACH ATTIC SPACE.
8. INSTALL NEW SINK AND VANITY.
9. INSTALL NEW WALL MOUNTED SINK.
10. INSTALL NEW MOISTURE RESISTANT GWB AFTER WORK IS COMPLETED.
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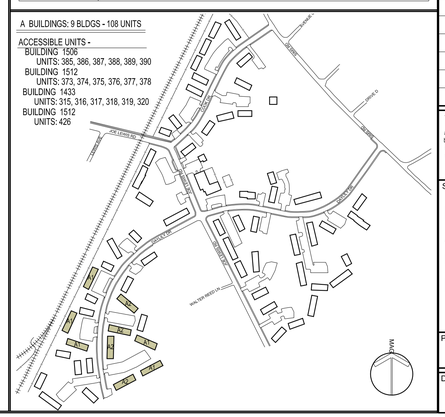
14. INSTALL 2 NEW METAL SUPPORT LEGS AT CORNERS OF SINK. SUPPORTS SHALL HAVE A POLISHED CHROME FINISH.

PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

A BUILDINGS: 9 BLDGS - 108 UNITS

ACCESSIBLE UNITS -
BUILDING 1506
UNITS: 385, 386, 387, 388, 389, 390
BUILDING 1512
UNITS: 373, 374, 375, 376, 377, 378
BUILDING 1433
UNITS: 315, 316, 317, 318, 319, 320
BUILDING 1512
UNITS: 426



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FARIS N. ELIAS
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STATE OF TENNESSEE
10/08/18

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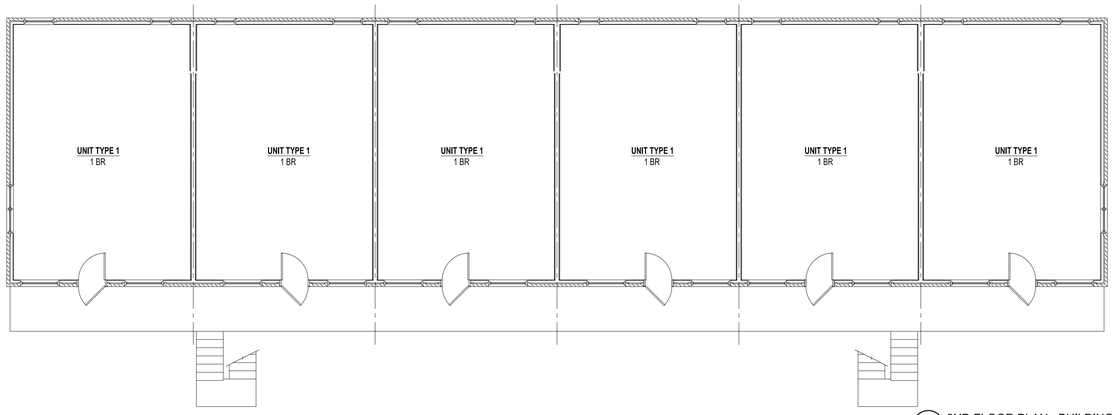
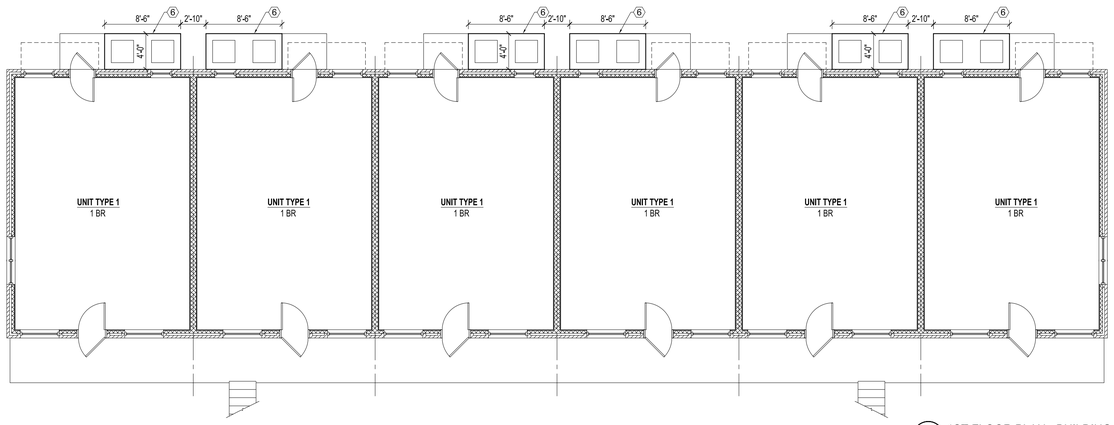
Sheet Title

BUILDING A ACCESSIBLE UNIT PLANS NEW & DEMO

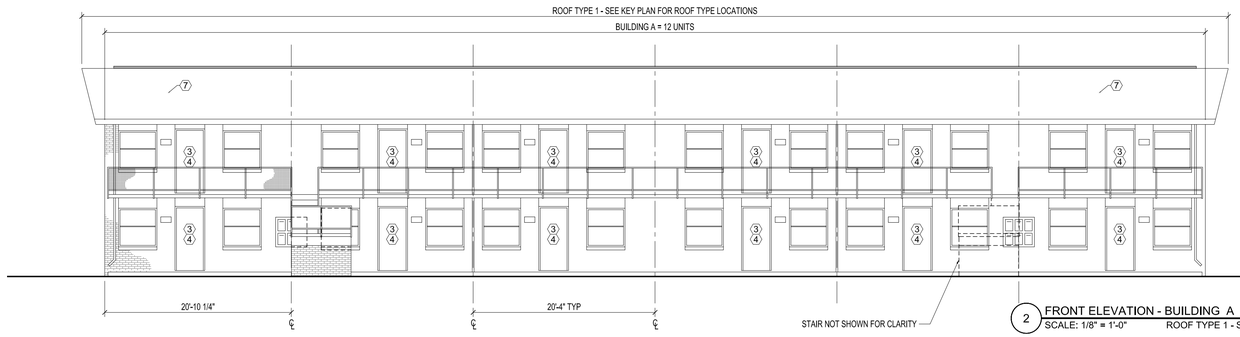
Project Number	Sheet Number
18110	ACC **A-101**
Date	
10-08-18	



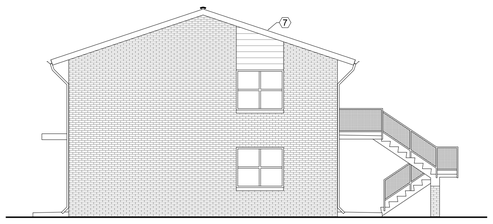
4 2ND FLOOR PLAN - BUILDING A
SCALE: 1/8" = 1'-0"



3 1ST FLOOR PLAN - BUILDING A
SCALE: 1/8" = 1'-0"



2 FRONT ELEVATION - BUILDING A
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN



5 SIDE ELEVATION - BUILDING A
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN

1 REAR ELEVATION - BUILDING A
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

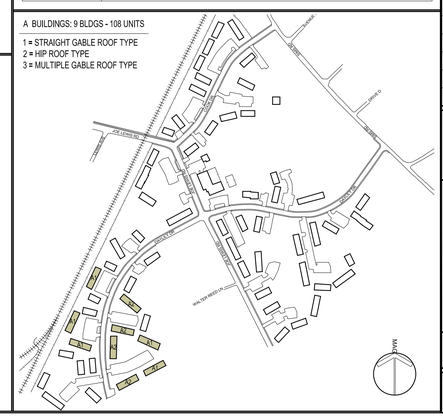
1. INSTALL NEW REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT ALL ATTIC SPACES.
8. INSTALL NEW SINK AND VANITY.
9. INSTALL NEW WALL MOUNTED SINK.
10. INSTALL NEW MOISTURE RESISTANT GWB AFTER WORK IS COMPLETED.
11. REINSTALL EXISTING APPLIANCES AND PLUMBING FIXTURES WHEN WORK IS COMPLETED.
12. REINSTALL EXISTING KITCHEN CABINETS AND COUNTER TOPS, AFTER NEW GWB IS INSTALLED.
13. REINSTALL EXISTING UPPER CABINETS/ SHELVES, AFTER NEW GWB IS INSTALLED.
14. INSTALL 2 NEW METAL SUPPORT LEGS AT CORNERS OF SINK. SUPPORTS SHALL HAVE A POLISHED CHROME FINISH.
15. NEW PLUMBING CHASE, 5/8" GYP. BD ON METAL STUDS. OVERALL DIMENSIONS 4 1/4" X 4 1/4" MIN.

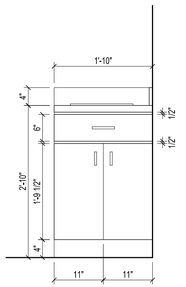
PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

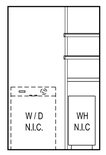
A BUILDINGS: 9 BLDGS - 108 UNITS

1 = STRAIGHT GABLE ROOF TYPE
2 = HIP ROOF TYPE
3 = MULTIPLE GABLE ROOF TYPE

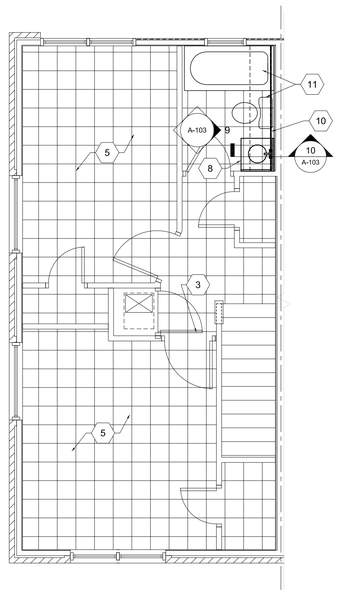

Joe Lewis Rd
Joe Lewis Rd
Joe Lewis Rd



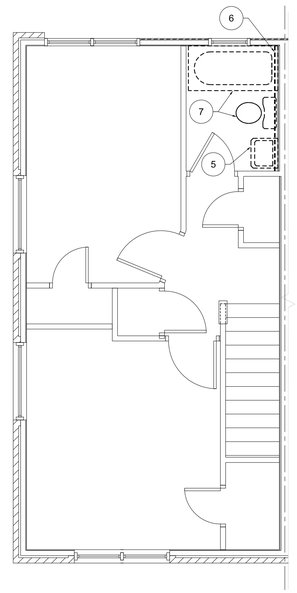
9 VANITY A - ELEVATION
SCALE: 3/4" = 1'-0"



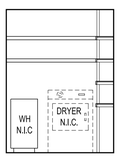
8 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



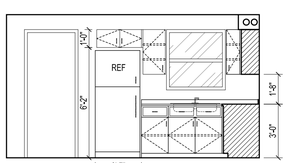
4 SECOND FLOOR PLAN - NEW - BUILDINGS B,C & D
SCALE: 1/4" = 1'-0" 2BR - UNIT TYPE 2



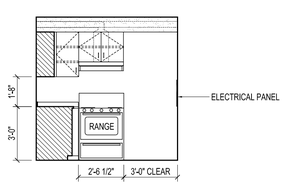
2 SECOND FLOOR PLAN - DEMO - BUILDINGS B,C & D
SCALE: 1/4" = 1'-0" 2BR - UNIT TYPE 2



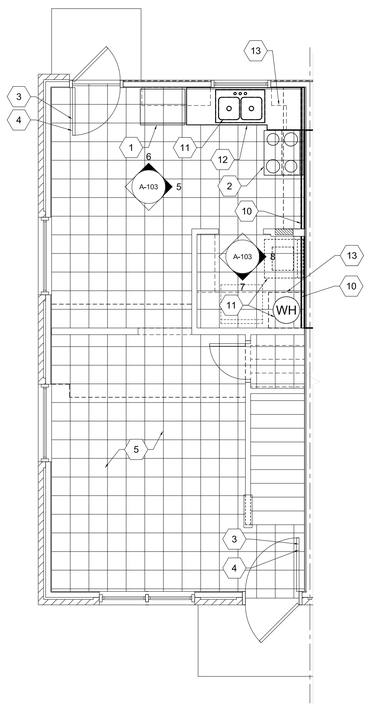
7 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



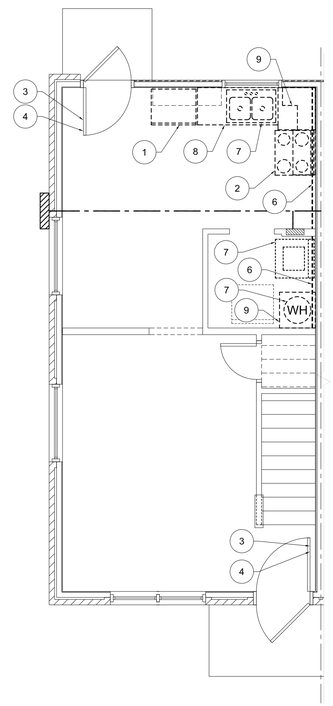
6 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



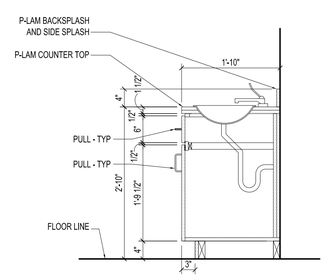
3 FIRST FLOOR PLAN - NEW - BUILDINGS B,C & D
SCALE: 1/4" = 1'-0" 2BR - UNIT TYPE 2



1 FIRST FLOOR PLAN - DEMO - BUILDINGS B,C & D
SCALE: 1/4" = 1'-0" 2BR - UNIT TYPE 2

HARDWARE SCHEDULE

SET #1 - ENTRY AND BACK DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE
1	EXTERIOR PASSAGE LEVER - STANLEY QCL 230 PASSAGE LEVER
SET #2 - MECHANICAL ROOM DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE



10 VANITY A - SECTION
SCALE: 3/4" = 1'-0"

LEGEND:

NEW LVT FLOOR

DEMOLITION NOTES AS REFERENCED BY (1)

1. REMOVE AND PROPERLY DISPOSE OF EXISTING REFRIGERATOR.
2. REMOVE AND PROPERLY DISPOSE OF EXISTING OVEN/ RANGE.
3. REMOVE EXISTING DEADBOLT LOCK. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD DEADBOLT LOCKS, THEN PROPERLY DISPOSE OF LOCKS.
4. REMOVE EXISTING EXTERIOR PASSAGE SET. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD PASSAGE SETS, THEN PROPERLY DISPOSE OF SETS.
5. REMOVE AND PROPERLY DISPOSE OF WALL MOUNTED SINK.
6. REMOVE EXISTING GWB FROM THE FACE OF PLUMBING WALL, TO ALLOW ACCESS TO PLUMBING RISERS.
7. RELOCATE EXISTING APPLIANCES AND PLUMBING FIXTURES WHILE WORK IS BEING PERFORMED. STORE AND PROTECT.
8. EXISTING KITCHEN CABINET WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET AND COUNTER TOP FOR REUSE AFTER NEW GWB IS INSTALLED.
9. EXISTING UPPER CABINETS/ SHELVES WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET FOR REUSE AFTER NEW GWB IS INSTALLED.

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

1. INSTALL NEW REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT ALL ATTIC SPACES.
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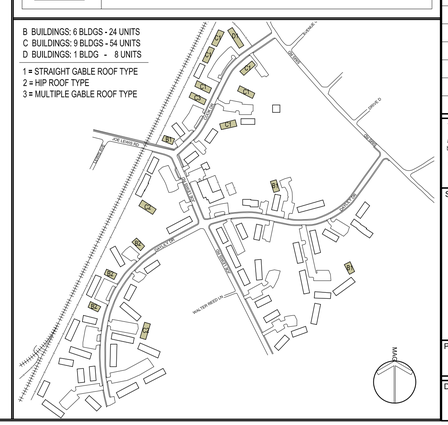
15. NEW PLUMBING CHASE, 5/8" GYP. BD ON METAL STUDS. OVERALL DIMENSIONS 4 1/4" X 4 1/4" MIN.

PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

B BUILDINGS: 6 BLDGS - 24 UNITS
C BUILDINGS: 9 BLDGS - 54 UNITS
D BUILDINGS: 1 BLDG - 8 UNITS

1 = STRAIGHT GABLE ROOF TYPE
2 = HIP ROOF TYPE
3 = MULTIPLE GABLE ROOF TYPE



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CHRISTOPHER N. ELLIS
REGISTERED ARCHITECT
No. 29691
STATE OF TENNESSEE
10/08/18

A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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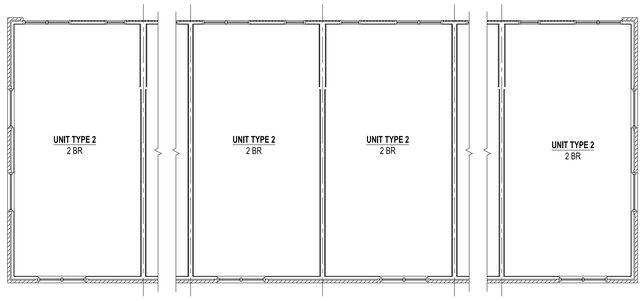
Sheet Title

BUILDINGS B,C & D UNIT PLANS - NEW & DEMO

Project Number	Sheet Number
18110	A-103
Date	
10-08-18	

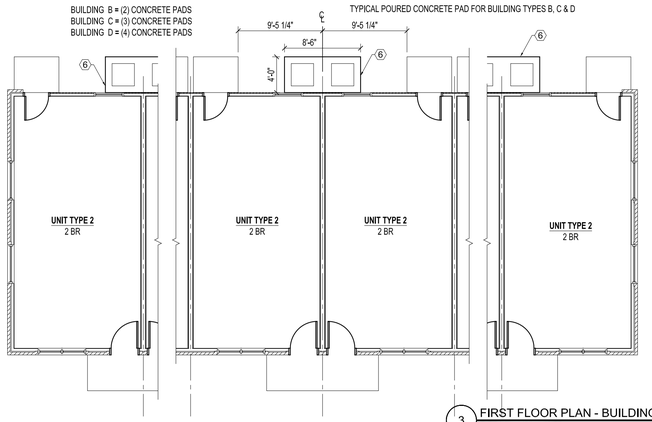


BUILDING B = (4) 2 BR UNITS PER BLDG
BUILDING C = (6) 2 BR UNITS PER BLDG
BUILDING D = (8) 2 BR UNITS PER BLDG

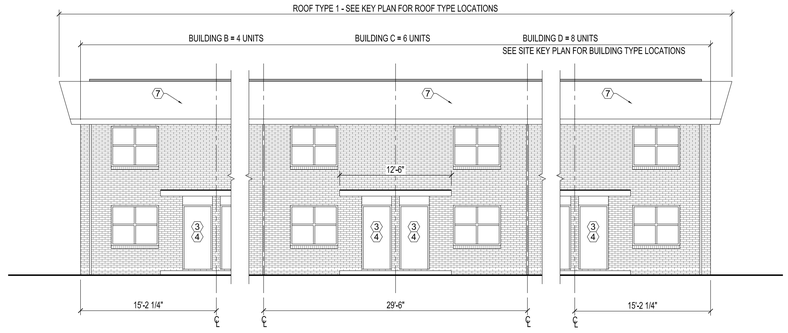
4 SECOND FLOOR PLAN - BUILDINGS B,C, & D
SCALE: 1/8" = 1'-0"

BUILDING B = (2) CONCRETE PADS
BUILDING C = (3) CONCRETE PADS
BUILDING D = (4) CONCRETE PADS

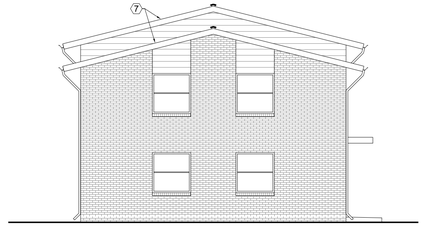
TYPICAL POURED CONCRETE PAD FOR BUILDING TYPES B, C & D



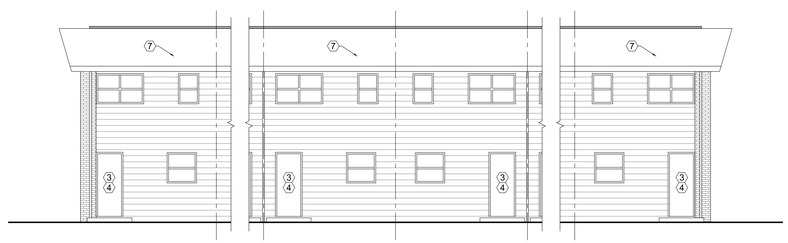
3 FIRST FLOOR PLAN - BUILDINGS B,C & D
SCALE: 1/8" = 1'-0"



2 FRONT ELEVATION - BUILDINGS B,C & D
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN



5 SIDE ELEVATION - BUILDINGS B,C & D
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN



1 REAR ELEVATION - BUILDINGS B,C & D
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

1. INSTALL NEW REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
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PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
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	EXISTING TO REMAIN
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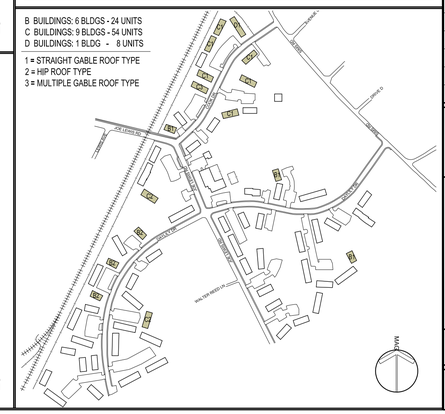

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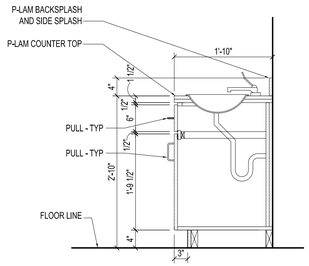
Sheet Title
BUILDINGS B,C & D PLANS & ELEVATIONS

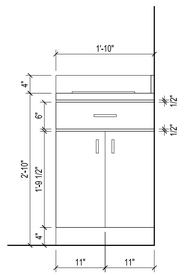
Project Number 18110
Date 10-08-18
Sheet Number **A-104**

HARDWARE SCHEDULE

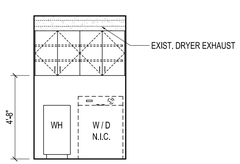
SET #1 - ENTRY AND BACK DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE
1	EXTERIOR PASSAGE LEVER - STANLEY QCL 230 PASSAGE LEVER
SET #2 - MECHANICAL ROOM DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE



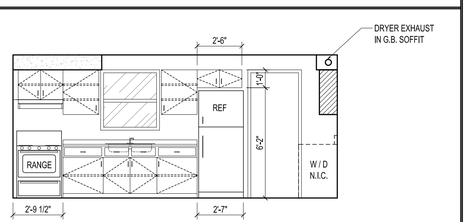
8 VANITY A - SECTION
SCALE: 3/4" = 1'-0"



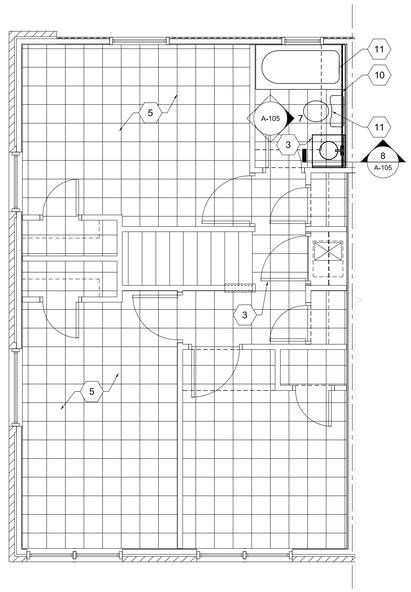
7 VANITY A - ELEVATION
SCALE: 3/4" = 1'-0"



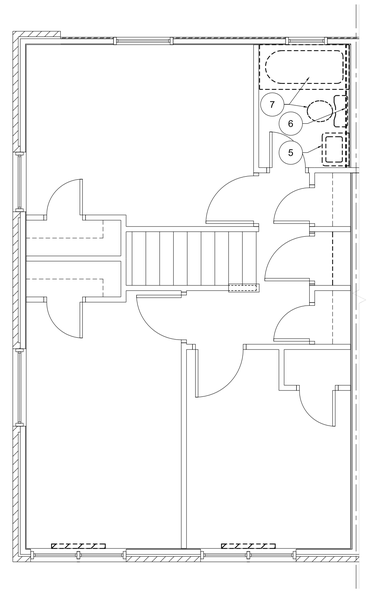
6 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



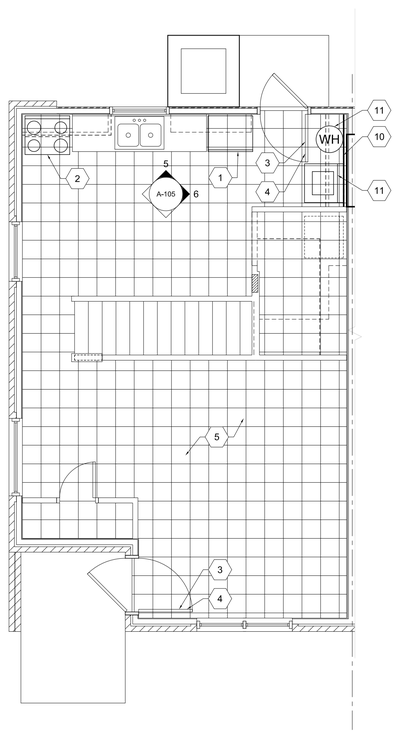
5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



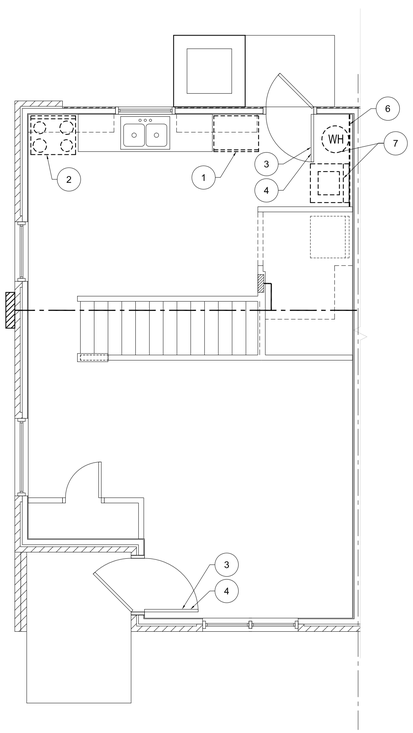
4 SECOND FLOOR PLAN - NEW - BUILDINGS E,F & G
SCALE: 1/4" = 1'-0" 3BR - UNIT TYPE 4



2 SECOND FLOOR PLAN - DEMO - BUILDINGS E,F & G
SCALE: 1/4" = 1'-0" 3BR - UNIT TYPE 4



3 FIRST FLOOR PLAN - NEW - BUILDINGS E,F & G
SCALE: 1/4" = 1'-0" 3BR - UNIT TYPE 4



1 FIRST FLOOR PLAN - DEMO - BUILDINGS E,F & G
SCALE: 1/4" = 1'-0" 3BR - UNIT TYPE 4

LEGEND:

NEW LVT FLOOR

DEMOLITION NOTES AS REFERENCED BY (1)

1. REMOVE AND PROPERLY DISPOSE OF EXISTING REFRIGERATOR.
2. REMOVE AND PROPERLY DISPOSE OF EXISTING OVEN/ RANGE.
3. REMOVE EXISTING DEADBOLT LOCK. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD DEADBOLT LOCKS, THEN PROPERLY DISPOSE OF LOCKS.
4. REMOVE EXISTING EXTERIOR PASSAGE SET. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD PASSAGE SETS, THEN PROPERLY DISPOSE OF SETS.
5. REMOVE AND PROPERLY DISPOSE OF WALL MOUNTED SINK.
6. REMOVE EXISTING GWB FROM THE FACE OF PLUMBING WALL, TO ALLOW ACCESS TO PLUMBING RISERS.
7. RELOCATE EXISTING APPLIANCES AND PLUMBING FIXTURES WHILE WORK IS BEING PERFORMED. STORE AND PROTECT.
8. EXISTING KITCHEN CABINET WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET AND COUNTER TOP FOR REUSE AFTER NEW GWB IS INSTALLED.
9. EXISTING UPPER CABINETS/ SHELVES WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET FOR REUSE AFTER NEW GWB IS INSTALLED.

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

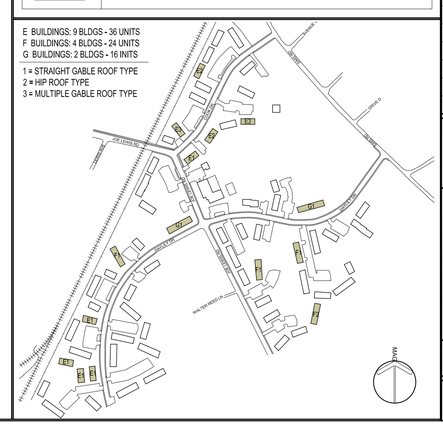
1. INSTALL NEW REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT ALL ATTIC SPACES.
8. INSTALL NEW SINK AND VANITY.
9. INSTALL NEW WALL MOUNTED SINK.
10. INSTALL NEW MOISTURE RESISTANT GWB AFTER WORK IS COMPLETED.
11. REINSTALL EXISTING APPLIANCES AND PLUMBING FIXTURES WHEN WORK IS COMPLETED.
12. REINSTALL EXISTING KITCHEN CABINETS AND COUNTER TOPS, AFTER NEW GWB IS INSTALLED.
13. REINSTALL EXISTING UPPER CABINETS/ SHELVES, AFTER NEW GWB IS INSTALLED.
14. INSTALL 2 NEW METAL SUPPORT LEGS AT CORNERS OF SINK. SUPPORTS SHALL HAVE A POLISHED CHROME FINISH.
15. NEW PLUMBING CHASE, 5/8" GYP. BD ON METAL STUDS. OVERALL DIMENSIONS 4 1/4" X 4 1/4" MIN.

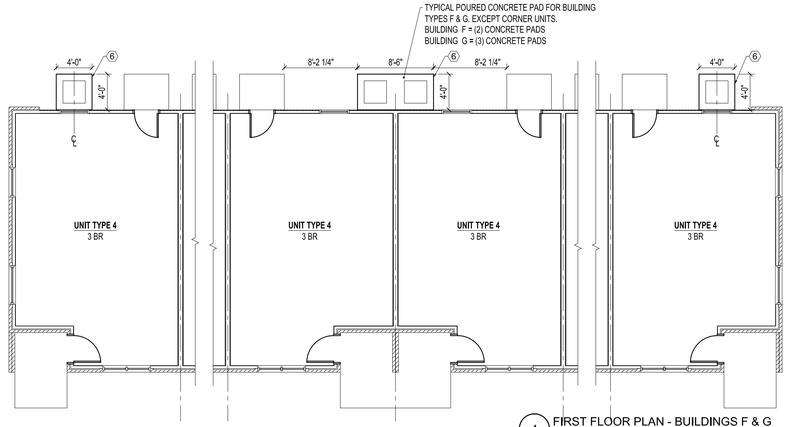
PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

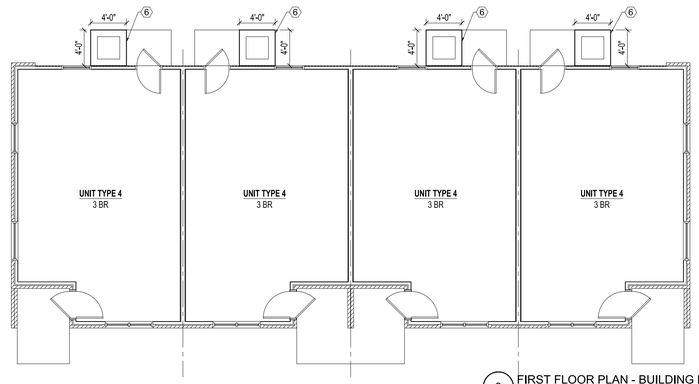
E BUILDINGS: 9 BLDGS - 36 UNITS
F BUILDINGS: 4 BLDGS - 24 UNITS
G BUILDINGS: 2 BLDGS - 16 INITS

1 = STRAIGHT GABLE ROOF TYPE
2 = HIP ROOF TYPE
3 = MULTIPLE GABLE ROOF TYPE

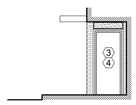

E1
E2
E3
E4
E5
E6
E7
E8
E9
F1
F2
F3
F4
G1
G2
JOE LEWIS CIR
JOE LEWIS PL
JOE LEWIS CT
MONTGOMERY VILLAGE DR
MONTGOMERY VILLAGE CT
MONTGOMERY VILLAGE WAY
MONTGOMERY VILLAGE LN
MONTGOMERY VILLAGE PL
MONTGOMERY VILLAGE CIR
MONTGOMERY VILLAGE RD
MONTGOMERY VILLAGE TER
MONTGOMERY VILLAGE BLVD
MONTGOMERY VILLAGE PKWY
MONTGOMERY VILLAGE TRL
MONTGOMERY VILLAGE WALK
MONTGOMERY VILLAGE ALY
MONTGOMERY VILLAGE WAY
MONTGOMERY VILLAGE LOOP
MONTGOMERY VILLAGE WAY
MONTGOMERY VILLAGE WAY
MONTGOMERY VILLAGE WAY



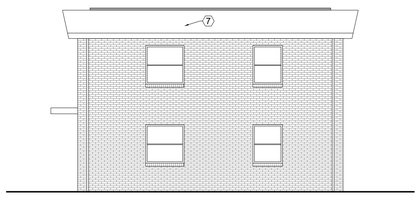
4 FIRST FLOOR PLAN - BUILDINGS F & G
SCALE: 1/8" = 1'-0"



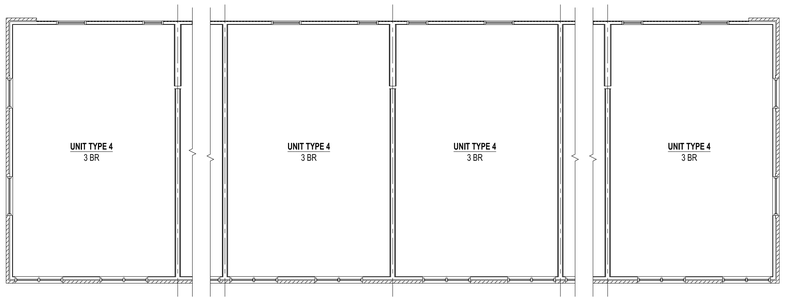
3 FIRST FLOOR PLAN - BUILDING E
SCALE: 1/8" = 1'-0"



7 ENTRY DOOR ELEVATION
SCALE: 1/8"=1'-0"

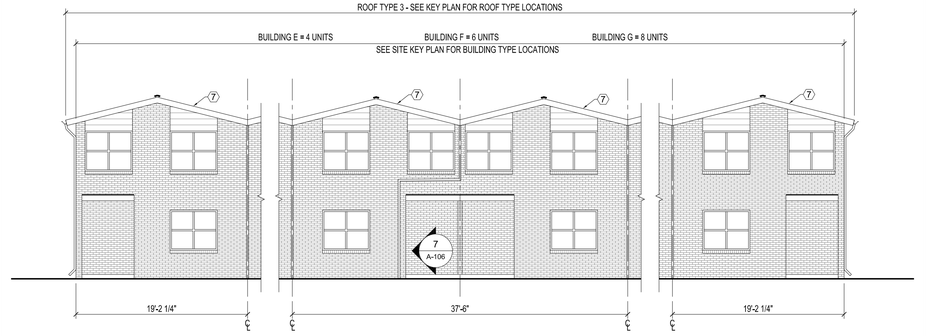


6 SIDE ELEVATION - BUILDINGS E,F & G
SCALE: 1/8" = 1'-0" ROOF TYPE 3 - SEE KEY PLAN

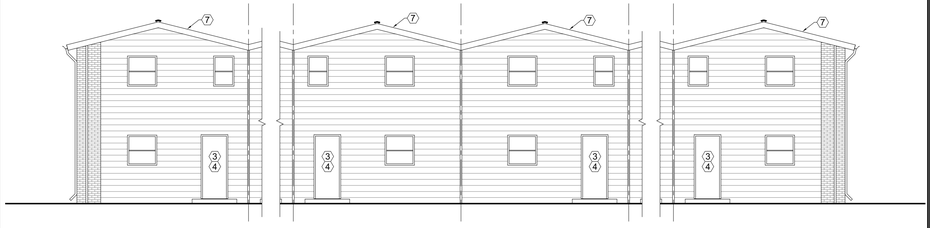


BUILDING E = (4) 3 BR UNITS PER BLDG
BUILDING F = (6) 3 BR UNITS PER BLDG
BUILDING G = (8) 3 BR UNITS PER BLDG

5 SECOND FLOOR PLAN - BUILDINGS E,F, & G
SCALE: 1/8" = 1'-0"



2 FRONT ELEVATION - BUILDINGS E,F & G
SCALE: 1/8" = 1'-0" ROOF TYPE 3 - SEE KEY PLAN



1 REAR ELEVATION - BUILDINGS E,F & G
SCALE: 1/8" = 1'-0" ROOF TYPE 3 - SEE KEY PLAN

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

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PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
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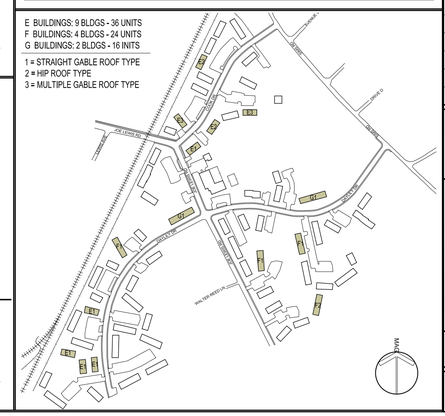

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CHRISTOPHER N. EVANS
REGISTERED ARCHITECT
No. 20691
STATE OF TENNESSEE
10/08/18

A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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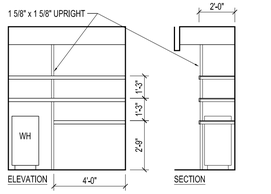
Sheet Title
BUILDINGS E,F & G PLANS & ELEVATIONS

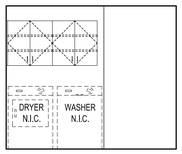
Project Number	Sheet Number
18110	A-106
Date	
10-08-18	

HARDWARE SCHEDULE

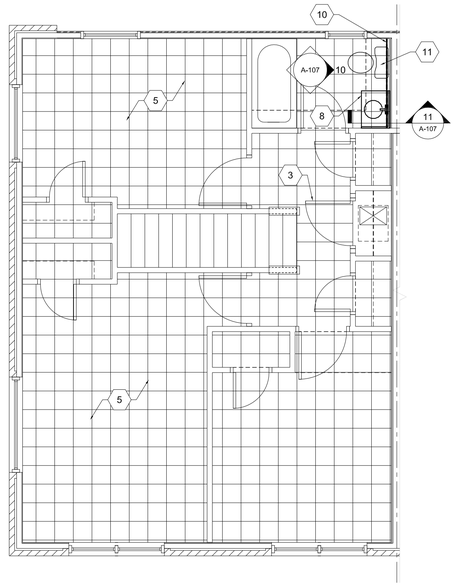
SET #1 - ENTRY AND BACK DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE
1	EXTERIOR PASSAGE LEVER - STANLEY QCL 230 PASSAGE LEVER
SET #2 - MECHANICAL ROOM DOOR	
1	DEADBOLT LOCKSET - STANLEY SINGLE DEADBOLT QDB 281, I-CORE



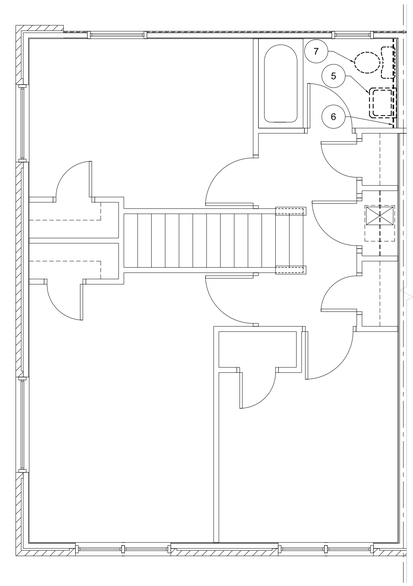
9 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



8 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



4 SECOND FLOOR PLAN - NEW - BUILDING I
SCALE: 1/4" = 1'-0" 4BR - UNIT TYPE 3



2 SECOND FLOOR PLAN - DEMO - BUILDING I
SCALE: 1/4" = 1'-0" 4BR - UNIT TYPE 3

LEGEND:

NEW LVT FLOOR

DEMOLITION NOTES AS REFERENCED BY (1)

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2. REMOVE AND PROPERLY DISPOSE OF EXISTING OVEN/ RANGE.
3. REMOVE EXISTING DEADBOLT LOCK. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD DEADBOLT LOCKS, THEN PROPERLY DISPOSE OF LOCKS.
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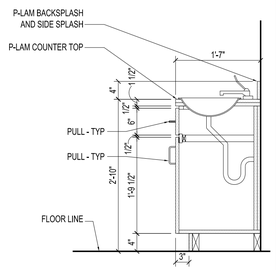
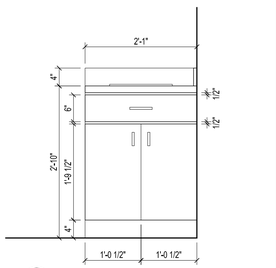
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

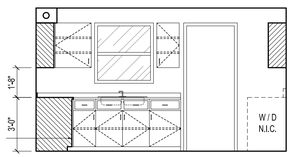


11 VANITY B - SECTION
SCALE: 3/4" = 1'-0"

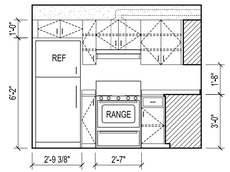


10 VANITY B - ELEVATION
SCALE: 3/4" = 1'-0"

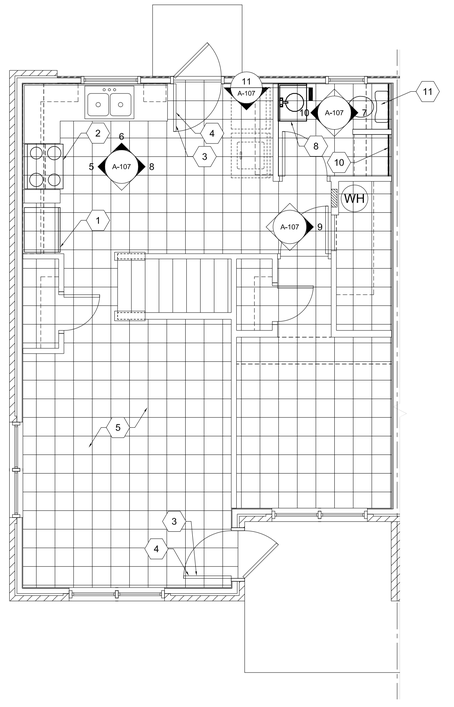
7 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



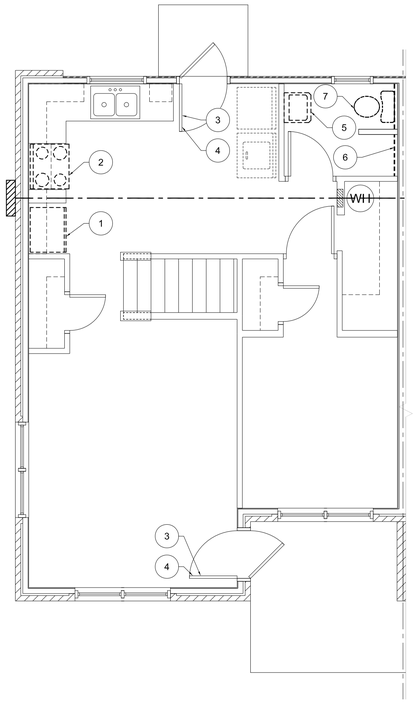
6 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



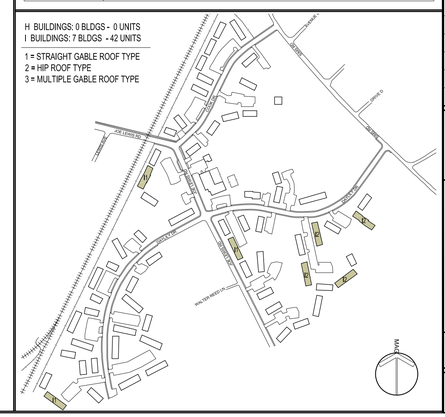
3 FIRST FLOOR PLAN - NEW - BUILDING I
SCALE: 1/4" = 1'-0" 4BR - UNIT TYPE 3

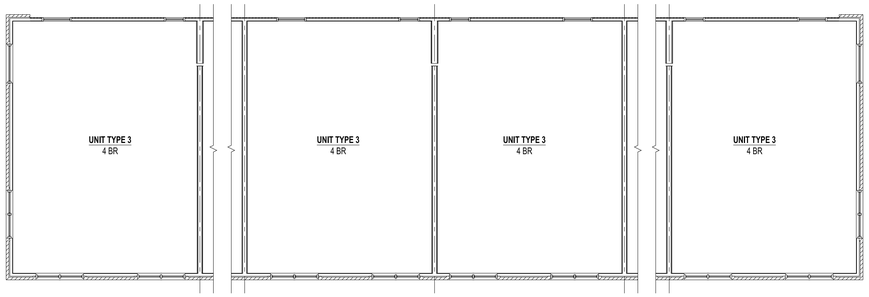


1 FIRST FLOOR PLAN - DEMO - BUILDING I
SCALE: 1/4" = 1'-0" 4BR - UNIT TYPE 3

H BUILDINGS: 0 BLDGS - 0 UNITS
I BUILDINGS: 7 BLDGS - 42 UNITS

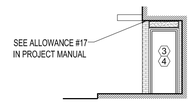
1 = STRAIGHT GABLE ROOF TYPE
2 = HIP ROOF TYPE
3 = MULTIPLE GABLE ROOF TYPE


Joe Lewis Rd
Joe Lewis Rd
Joe Lewis Rd

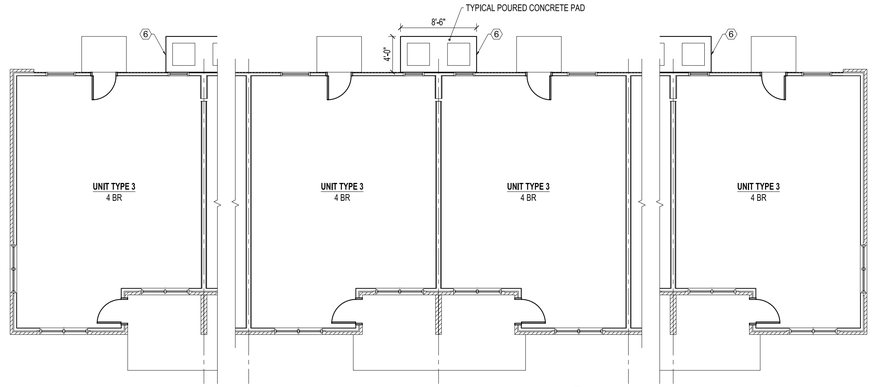


BUILDING I = (6) 4 BR UNITS

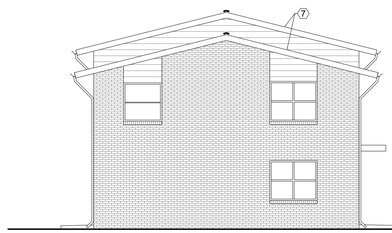
4 SECOND FLOOR PLAN - BUILDING I
SCALE: 1/8" = 1'-0" (6 UNITS TOTAL)



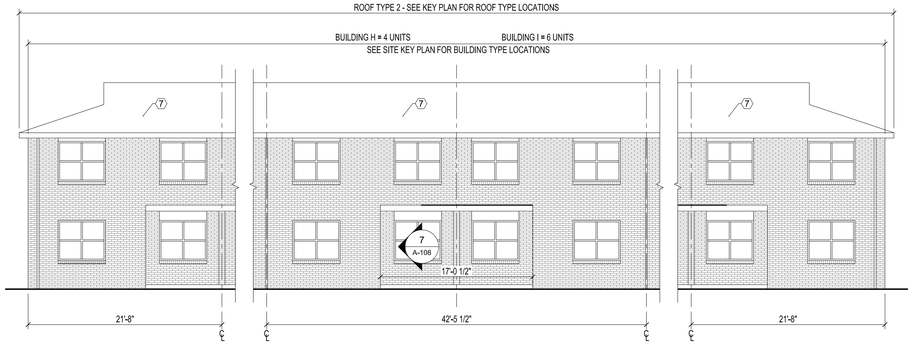
7 ENTRY DOOR ELEVATION
SCALE: 1/8"=1'-0"



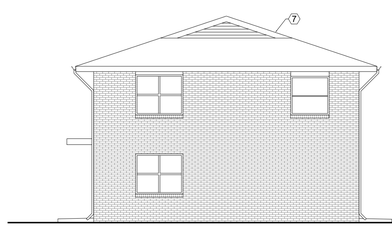
3 FIRST FLOOR PLAN - BUILDING I
SCALE: 1/8" = 1'-0" (6 UNITS TOTAL)



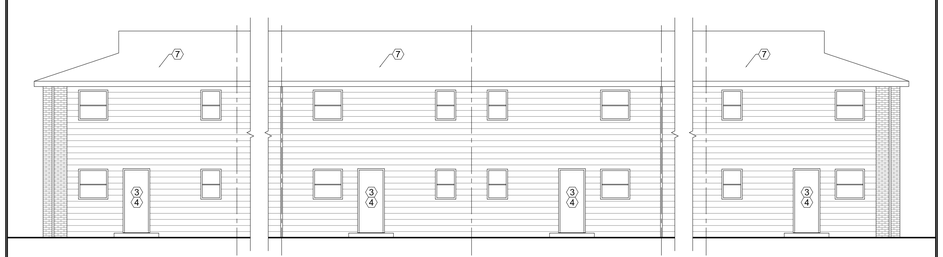
6 SIDE ELEVATION - BUILDING I
SCALE: 1/8" = 1'-0" ROOF TYPE 1



2 FRONT ELEVATION - BUILDING I
SCALE: 1/8" = 1'-0" ROOF TYPE 2



5 SIDE ELEVATION - BUILDING I
SCALE: 1/8" = 1'-0" ROOF TYPE 2



1 REAR ELEVATION - BUILDING I
SCALE: 1/8" = 1'-0" ROOF TYPE 2

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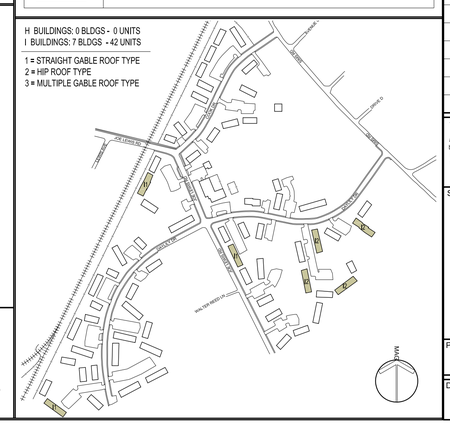
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT ALL ATTIC SPACES.
8. INSTALL NEW SINK AND VANITY.
9. INSTALL NEW WALL MOUNTED SINK.
10. INSTALL NEW MOISTURE RESISTANT GWB AFTER WORK IS COMPLETED.
11. REINSTALL EXISTING APPLIANCES AND PLUMBING FIXTURES WHEN WORK IS COMPLETED.
12. REINSTALL EXISTING KITCHEN CABINETS AND COUNTER TOPS, AFTER NEW GWB IS INSTALLED.
13. REINSTALL EXISTING UPPER CABINETS/ SHELVES, AFTER NEW GWB IS INSTALLED.
14. INSTALL 2 NEW METAL SUPPORT LEGS AT CORNERS OF SINK. SUPPORTS SHALL HAVE A POLISHED CHROME FINISH.
15. NEW PLUMBING CHASE, 5/8" GYP. BD ON METAL STUDS. OVERALL DIMENSIONS 4 1/4" X 4 1/4" MIN.

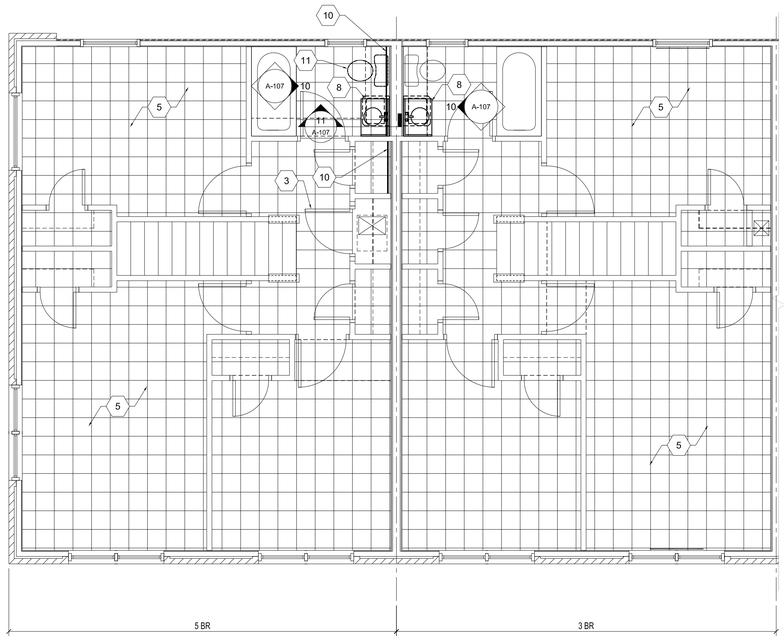
PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

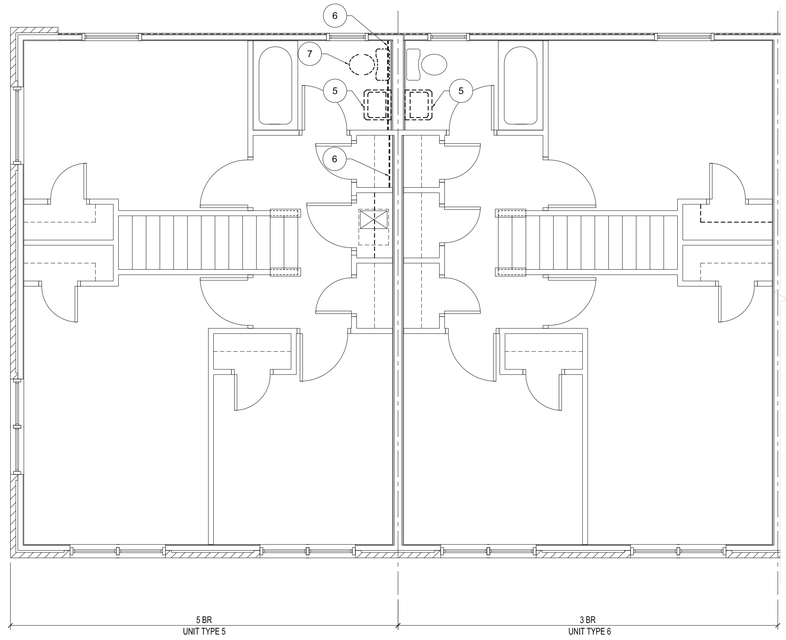
H BUILDINGS: 0 BLDGS - 0 UNITS
I BUILDINGS: 7 BLDGS - 42 UNITS

1 = STRAIGHT GABLE ROOF TYPE
2 = HIP ROOF TYPE
3 = MULTIPLE GABLE ROOF TYPE

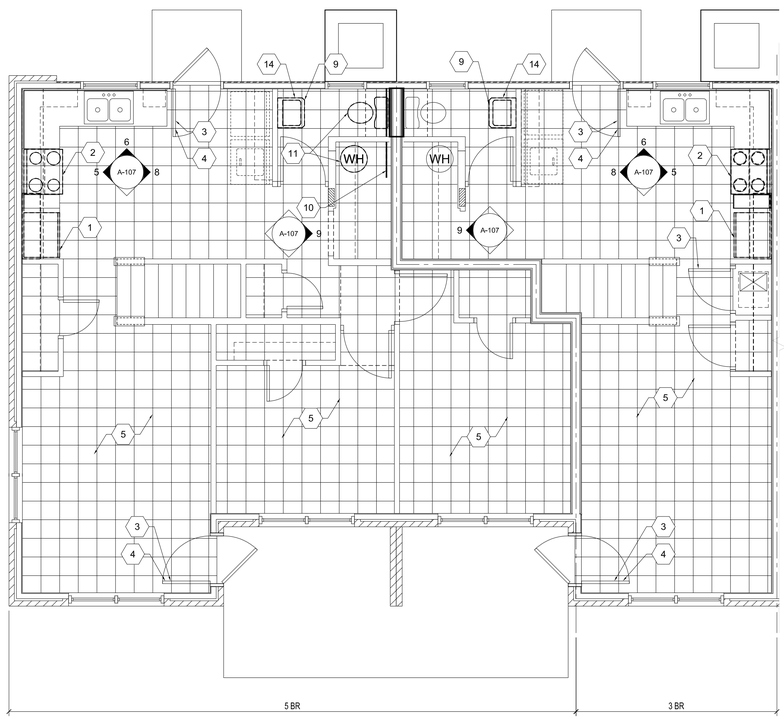




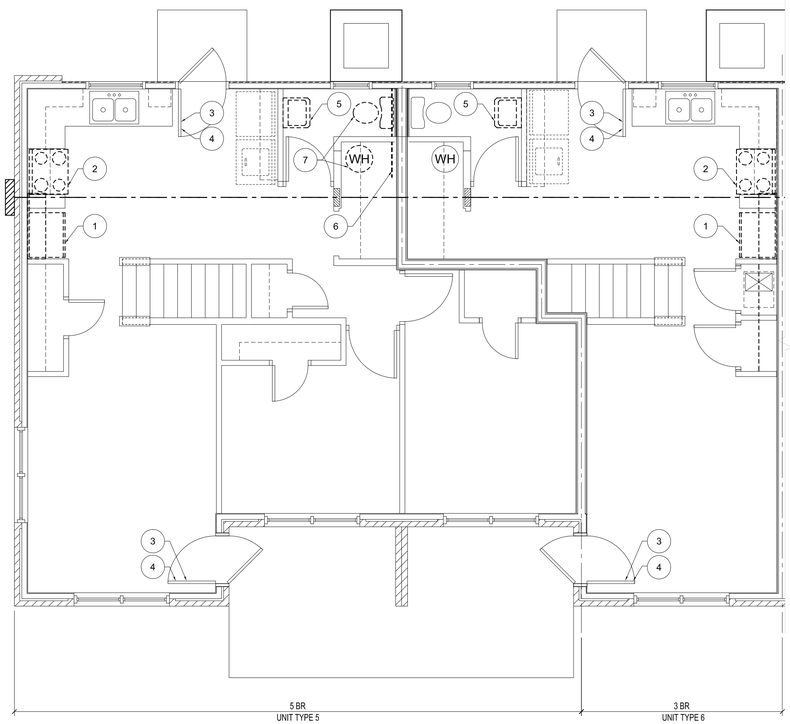
4 SECOND FLOOR PLAN - NEW - BUILDING J
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR PLAN - DEMO - BUILDING J
SCALE: 1/4" = 1'-0"



3 FIRST FLOOR PLAN - NEW - BUILDING J
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN - DEMO - BUILDING J
SCALE: 1/4" = 1'-0"

LEGEND:

NEW LVT FLOOR

DEMOLITION NOTES AS REFERENCED BY (1)

1. REMOVE AND PROPERLY DISPOSE OF EXISTING REFRIGERATOR.
2. REMOVE AND PROPERLY DISPOSE OF EXISTING OVEN/ RANGE.
3. REMOVE EXISTING DEADBOLT LOCK. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD DEADBOLT LOCKS, THEN PROPERLY DISPOSE OF LOCKS.
4. REMOVE EXISTING EXTERIOR PASSAGE SET. ALLOW OWNER RIGHT OF FIRST REFUSAL. IF OWNER OPTS NOT TO KEEP THE OLD PASSAGE SETS, THEN PROPERLY DISPOSE OF SETS.
5. REMOVE AND PROPERLY DISPOSE OF WALL MOUNTED SINK.
6. REMOVE EXISTING GWB FROM THE FACE OF PLUMBING WALL, TO ALLOW ACCESS TO PLUMBING RISERS.
7. RELOCATE EXISTING APPLIANCES AND PLUMBING FIXTURES WHILE WORK IS BEING PERFORMED. STORE AND PROTECT.
8. EXISTING KITCHEN CABINET WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET AND COUNTER TOP FOR REUSE AFTER NEW GWB IS INSTALLED.
9. EXISTING UPPER CABINETS/ SHELVES WILL NEED TO BE REMOVED TO ALLOW ACCESS TO PLUMBING WALL. SALVAGE CABINET FOR REUSE AFTER NEW GWB IS INSTALLED.

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

1. INSTALL NEW REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT ALL ATTIC SPACES.
8. INSTALL NEW SINK AND VANITY.
9. INSTALL NEW WALL MOUNTED SINK.
10. INSTALL NEW MOISTURE RESISTANT GWB AFTER WORK IS COMPLETED.
11. REINSTALL EXISTING APPLIANCES AND PLUMBING FIXTURES WHEN WORK IS COMPLETED.
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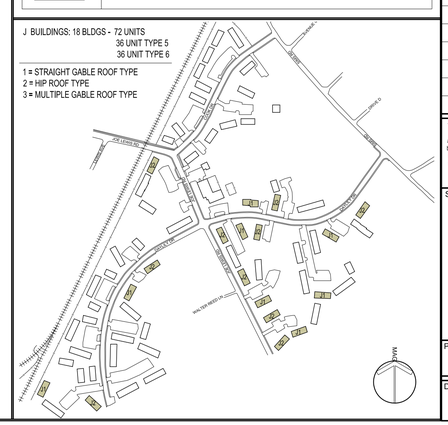
13. REINSTALL EXISTING UPPER CABINETS/ SHELVES, AFTER NEW GWB IS INSTALLED.
14. INSTALL 2 NEW METAL SUPPORT LEGS AT CORNERS OF SINK. SUPPORTS SHALL HAVE A POLISHED CHROME FINISH.
15. NEW PLUMBING CHASE, 5/8" GYP. BD ON METAL STUDS. OVERALL DIMENSIONS 4 1/4" X 4 1/4" MIN.

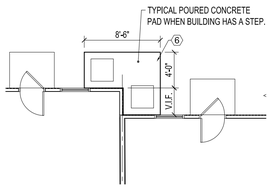
PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

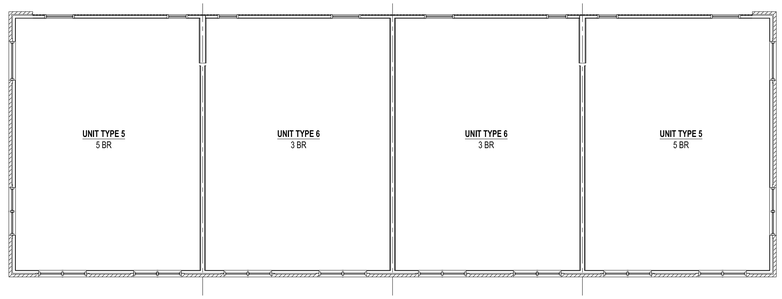
J BUILDINGS: 18 BLDGS - 72 UNITS
36 UNIT TYPE 5
36 UNIT TYPE 6

1 = STRAIGHT GABLE ROOF TYPE
2 = HIP ROOF TYPE
3 = MULTIPLE GABLE ROOF TYPE


JOE LEWIS RD
MONTGOMERY VILLAGE DR
MONTGOMERY VILLAGE CIR
MONTGOMERY VILLAGE CT
MONTGOMERY VILLAGE LN
MONTGOMERY VILLAGE WAY
MONTGOMERY VILLAGE PL
MONTGOMERY VILLAGE BLV

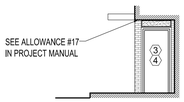


8 CONCRETE PAD DETAIL
SCALE: 1/8"= 1'-0"

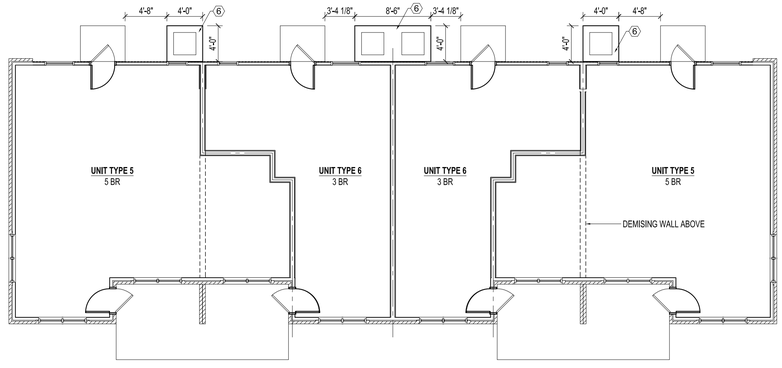


BUILDING J = (2) 3 BR UNITS
(2) 5 BR UNITS

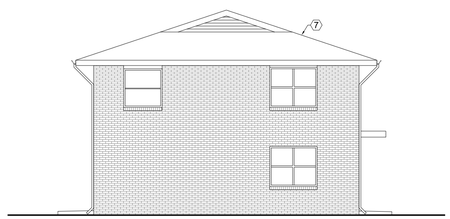
4 SECOND FLOOR PLAN - BUILDING J
SCALE: 1/8" = 1'-0"



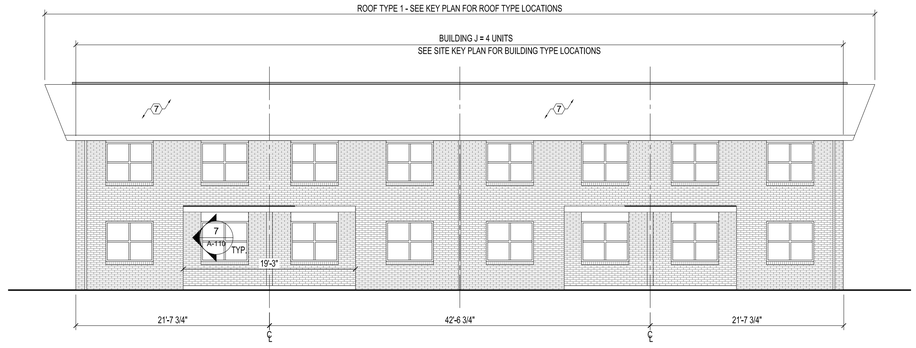
7 ENTRY DOOR ELEVATION
SCALE: 1/8"= 1'-0"



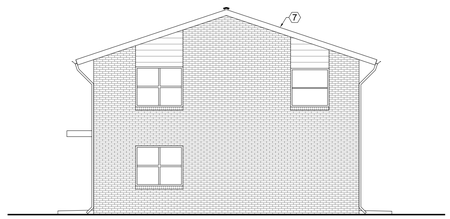
3 FIRST FLOOR PLAN - BUILDING J
SCALE: 1/8" = 1'-0"



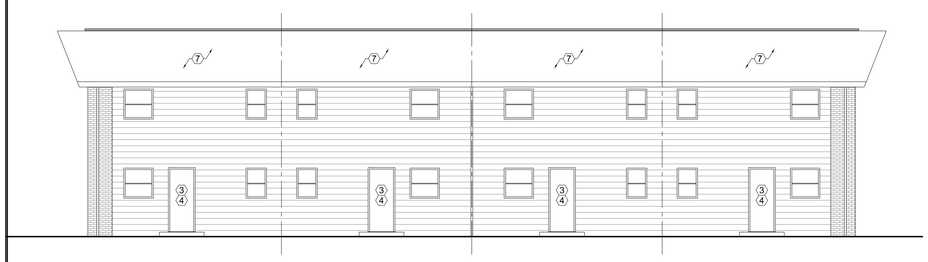
6 SIDE ELEVATION - BUILDING J
SCALE: 1/8" = 1'-0" ROOF TYPE 2 - SEE KEY PLAN



2 FRONT ELEVATION - BUILDING J
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN



5 SIDE ELEVATION - BUILDING J
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN



1 REAR ELEVATION - BUILDING J
SCALE: 1/8" = 1'-0" ROOF TYPE 1 - SEE KEY PLAN

NEW CONSTRUCTION NOTES AS REFERENCED BY 1

1. INSTALL NEW REFRIGERATOR AND COMPLETE ALL NECESSARY CONNECTIONS.
2. INSTALL NEW OVEN/ RANGE AND COMPLETE ALL NECESSARY CONNECTIONS.
3. INSTALL NEW DEADBOLT LOCK.
4. INSTALL NEW EXTERIOR PASSAGE SET.
5. INSTALL NEW LVT FLOOR SYSTEM TO EXTENT SHOWN. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.
6. INSTALL NEW CONCRETE PAD FOR EXISTING CONDENSING UNITS. CONCRETE SHALL BE 4" THICK, 2000 PSI CONCRETE W/ 6X6 W.W.M. ON PROPER COMPACTED BASE.
7. INSTALL NEW R-38 BLOWN IN BATT INSULATION AT ALL ATTIC SPACES.
8. INSTALL NEW SINK AND VANITY.
9. INSTALL NEW WALL MOUNTED SINK.
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14. INSTALL 2 NEW METAL SUPPORT LEGS AT CORNERS OF SINK. SUPPORTS SHALL HAVE A POLISHED CHROME FINISH.
15. NEW PLUMBING CHASE, 5/8" GYP. BD ON METAL STUDS. OVERALL DIMENSIONS 4 1/4" X 4 1/4" MIN.

PLAN WALL TYPE LEGEND

TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

J BUILDINGS: 18 BLDGS - 72 UNITS
36 UNIT TYPE 5
36 UNIT TYPE 6

1 = STRAIGHT GABLE ROOF TYPE
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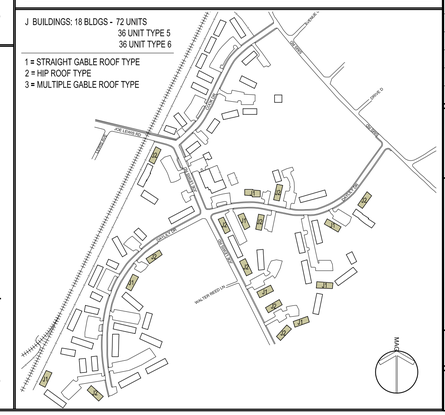
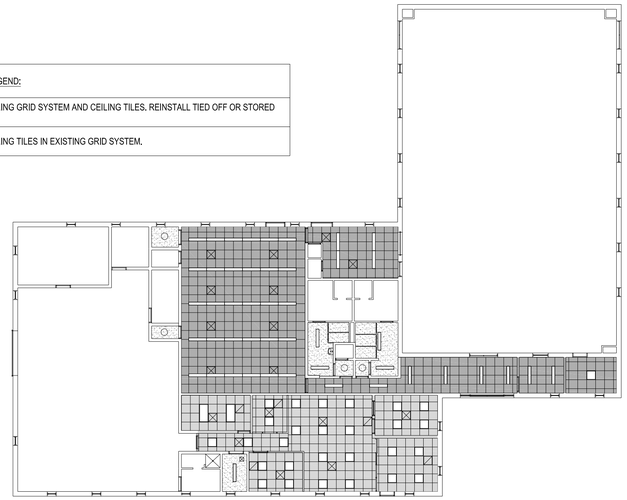
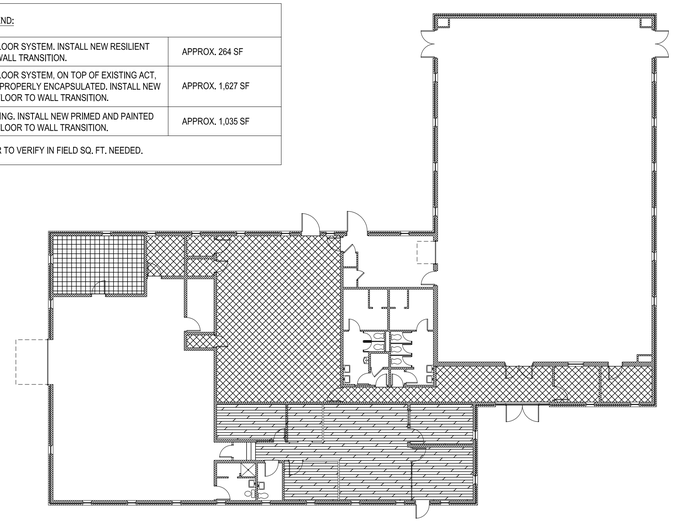

JOE LEWIS RD
MONTGOMERY VILLAGE LN
MONTGOMERY VILLAGE CIR
MONTGOMERY VILLAGE DR

NEW CONSTRUCTION RCP LEGEND:	
	INSTALL NEW CEILING GRID SYSTEM AND CEILING TILES. REINSTALL TIED OFF OR STORED FIXTURES.
	INSTALL NEW CEILING TILES IN EXISTING GRID SYSTEM.



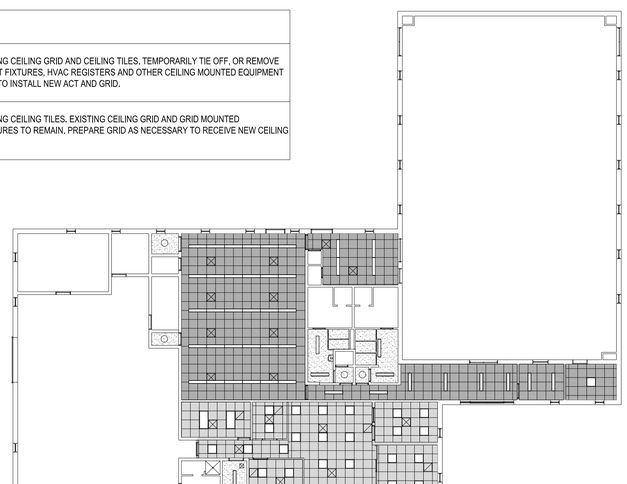
4 RCP - NEW - COMMUNITY BUILDING
SCALE: 1/16" = 1'-0"

NEW CONSTRUCTION PLAN LEGEND:		
	INSTALL NEW VCT FLOOR SYSTEM. INSTALL NEW RESILIENT BASE @ FLOOR TO WALL TRANSITION.	APPROX. 264 SF
	INSTALL NEW VCT FLOOR SYSTEM, ON TOP OF EXISTING ACT, AFTER IT HAS BEEN PROPERLY ENCAPSULATED. INSTALL NEW RESILIENT BASE @ FLOOR TO WALL TRANSITION.	APPROX. 1,627 SF
	INSTALL DVP FLOORING. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.	APPROX. 1,035 SF
	NOTE: CONTRACTOR TO VERIFY IN FIELD SQ. FT. NEEDED.	



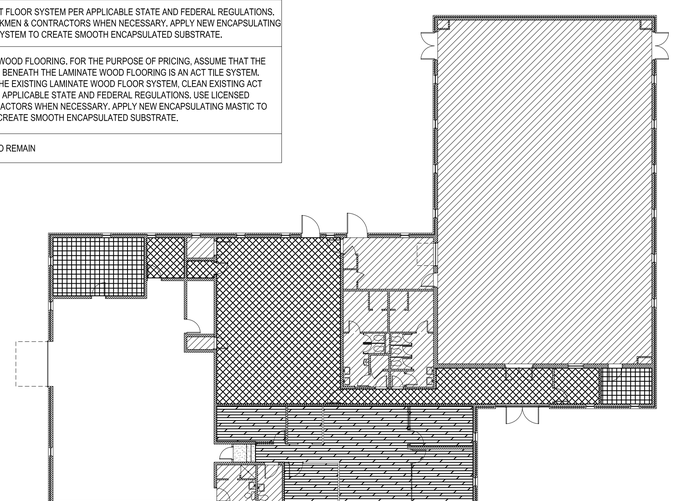
2 FIRST FLOOR PLAN - NEW - COMMUNITY BUILDING
SCALE: 1/16" = 1'-0"

DEMOLITION RCP LEGEND:	
	DEMOLISH EXISTING CEILING GRID AND CEILING TILES, TEMPORARILY TIE OFF, OR REMOVE AND STORE, LIGHT FIXTURES, HVAC REGISTERS AND OTHER CEILING MOUNTED EQUIPMENT IN PREPARATION TO INSTALL NEW ACT AND GRID.
	DEMOLISH EXISTING CEILING TILES. EXISTING CEILING GRID AND GRID MOUNTED EQUIPMENT/ FIXTURES TO REMAIN. PREPARE GRID AS NECESSARY TO RECEIVE NEW CEILING TILES.



3 RCP - DEMO - COMMUNITY BUILDING
SCALE: 1/16" = 1'-0"

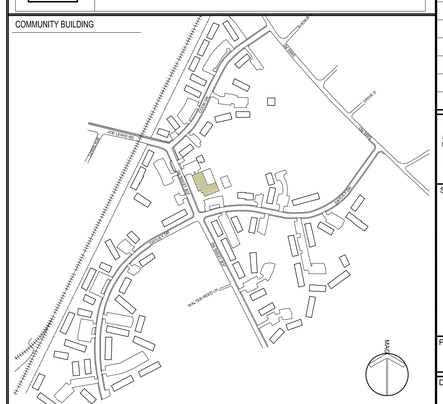
DEMOLITION PLAN LEGEND:
EXISTING FLOOR FINISH TO REMAIN
REMOVE EXISTING VCT FLOORING
CLEAN EXISTING ACT FLOOR SYSTEM PER APPLICABLE STATE AND FEDERAL REGULATIONS. USE LICENSED WORKMEN & CONTRACTORS WHEN NECESSARY. APPLY NEW ENCAPSULATING MASTIC TO FLOOR SYSTEM TO CREATE SMOOTH ENCAPSULATED SUBSTRATE.
REMOVE LAMINATE WOOD FLOORING. FOR THE PURPOSE OF PRICING, ASSUME THAT THE EXISTING FLOORING BENEATH THE LAMINATE WOOD FLOORING IS AN ACT TILE SYSTEM. AFTER REMOVING THE EXISTING LAMINATE WOOD FLOOR SYSTEM, CLEAN EXISTING ACT FLOOR SYSTEM PER APPLICABLE STATE AND FEDERAL REGULATIONS. USE LICENSED WORKMEN & CONTRACTORS WHEN NECESSARY. APPLY NEW ENCAPSULATING MASTIC TO FLOOR SYSTEM TO CREATE SMOOTH ENCAPSULATED SUBSTRATE.
EXISTING CARPET TO REMAIN



1 FIRST FLOOR PLAN - DEMO - COMMUNITY BUILDING
SCALE: 1/16" = 1'-0"

PLAN WALL TYPE LEGEND	
TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.

COMMUNITY BUILDING



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A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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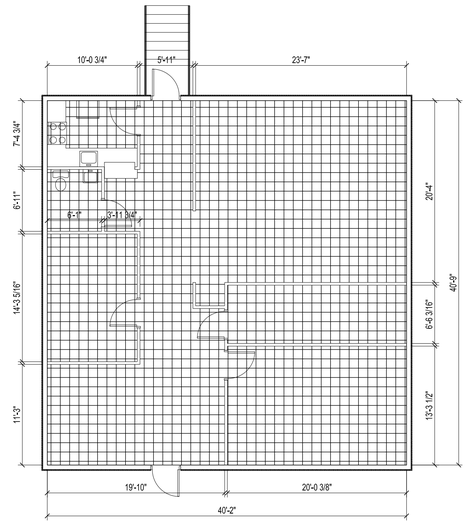
Sheet Title
COMMUNITY BUILDING PLAN - DEMOLITION & NEW

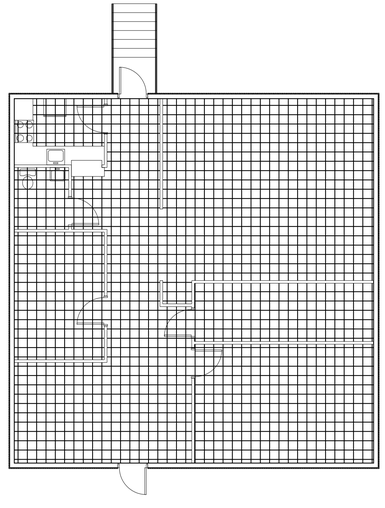
Project Number	Sheet Number
18110	A-111
Date	
10-08-18	

NEW CONSTRUCTION PLAN LEGEND:		
	INSTALL NEW VCT FLOOR SYSTEM. INSTALL NEW PRIMED AND PAINTED 3/4" SHOE MOLD @ FLOOR TO WALL TRANSITION.	APPROX. 1,570 SF
	NOTE: CONTRACTOR TO VERIFY IN FIELD SQ. FT. NEEDED.	



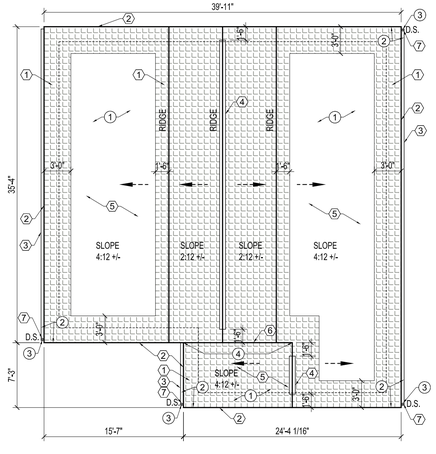
3 FIRST FLOOR PLAN - NEW - MINISTRY BUILDING
SCALE: 1/8" = 1'-0"

DEMOLITION PLAN LEGEND:	
	REMOVE EXISTING VCT FLOORING



2 FIRST FLOOR PLAN - DEMO - MINISTRY BUILDING
SCALE: 1/8" = 1'-0"

HATCH LEGEND:	
	SELF ADHERING BUTYL ICE & WATER SHIELD ON EXISTING PLYWOOD SHEATHING



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

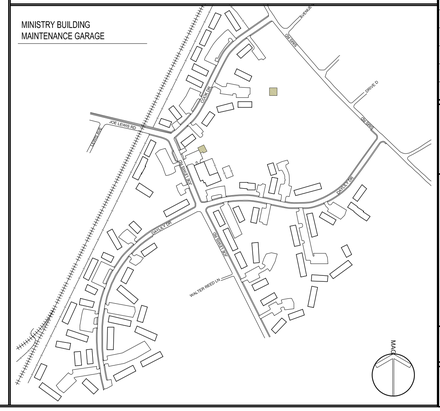
DEMOLITION NOTES AS REFERENCED BY (1)

1. REMOVE EXISTING ASPHALT SHINGLE ROOF SYSTEM TO DECK. TYP. THROUGHOUT.
2. REMOVE EXISTING GUTTERS, EDGE AND OTHER FLASHINGS, AND PREP DECK TO RECEIVE NEW ROOF SYSTEM.
3. REMOVE EXISTING PAINTED PVC DOWNSPOUTS AND STORE FOR REINSTALLATION.
4. REMOVE/LOOSEN EDGE OF EXISTING PAINTED CEMENT BOARD SIDING TO ALLOW FOR INSTALLATION OF FLASHING @ GABLE WALL TO ROOF INTERFACE.

NEW CONSTRUCTION NOTES AS REFERENCED BY (1)

1. INSTALL SELF ADHERING BUTIL ICE & WATER SHIELD @ ALL ROOD EDGES AND CHANGES IN ROOF SLOPE.
2. INSTALL NEW PRE-FINISHED ALUMINUM DROP EDGES @ ROOF PERIMETER.
3. NEW PRE-FINISHED ALUMINUM GUTTERS. PROVIDE AND INSTALL 4 NEW PRECAST CONCRETE SPLASH BLOCKS AT BASE OF DOWNSPOUTS.
4. INSTALL NEW PRE-FORMED RIDGE VENT W/ SHINGLE CAP @ ROOF PEAKS.
5. INSTALL NEW FIBERGLASS CORE, DIMENSIONAL SHINGLE ROOF SYSTEM THROUGHOUT.
6. INSTALL NEW ROOF TO WALL & PENETRATION FLASHINGS PER ROOF SYSTEM MANUFACTURERS RECOMMENDATIONS AND INDUSTRY STANDARD GUIDELINES.
7. REINSTALL SALVAGED PVC DOWNSPOUTS.

PLAN WALL TYPE LEGEND	
TYPE	DESCRIPTION
	EXISTING TO BE REMOVED - WALL REMOVAL TO EXTEND TO NEXT WHOLE STUD BEYOND WHAT IS SHOWN ON DWGS. - SHOWN WORK IS MINIMAL REMOVAL
	EXISTING TO REMAIN
	NEW GYP. BD. ON EXISTING STUD FRAMING WHERE PLUMBING RISER WAS REPLACED.



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REGISTERED ARCHITECT
No. 29691
STATE OF TENNESSEE
10/08/18

A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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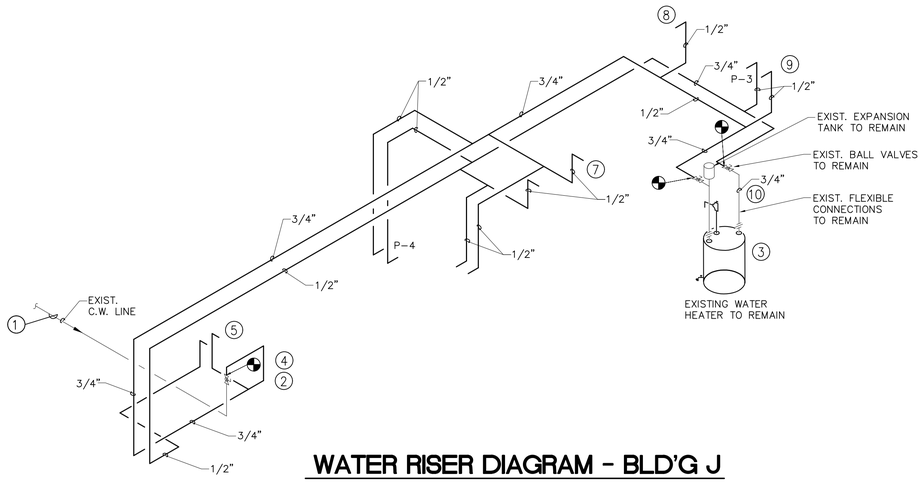
Sheet Title
MAINTENANCE GARAGE - ROOF PLAN
MINISTRY BUILDING PLAN

Project Number
18110

Date
10-08-18

Sheet Number
A-112



WATER RISER DIAGRAM - BLD'G J

NOT TO SCALE
(OTHER SIDE MIRRORED)

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL REMOVE EXISTING FIXTURES AS INDICATED BY DASHED LINES.
2. CONTRACTOR SHALL DISPOSE OF REMOVED FIXTURES AS INDICATED BY OWNER.
3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS INCLUDING EXACT PIPE LOCATION, SIZE BEFORE STARTING CONSTRUCTION.
4. DEMOLITION WORK SHALL BE COORDINATED WITH ALL OTHER TRADES AND WITH THE NEW CONSTRUCTION PLANS FOR THE EXACT SCOPE OF WORK.
5. EXISTING ROUTING AND LOCATION OF PIPING, IS BASED ON LIMITED OBSERVATION AND LIMITED CONTRACT DOCUMENTS. CONTRACTOR SHALL ACCOUNT FOR SUCH IN BID.
6. ALL EXISTING WALLS, CEILING AND SLAB BEING CUT OR DAMAGED UNDER THIS CONTRACT TO BE PATCHED BACK TO MATCH EXISTING FINISH AND FIRE PROTECTION RATING. COORDINATE REQUIREMENTS WITH ARCHITECTURAL.
7. WHETHER SHOWN OR NOT ALL EXISTING DOMESTIC WATER PIPING TO BE REMOVED OR ABANDONED.

PLUMBING LEGEND

SYMBOL	DESCRIPTION
CW	COLD WATER PIPING
HW	HOT WATER PIPING
HWR	HOT WATER RICIRCULATION PIPING
	INDICATES NEW WORK TO CONNECT TO EXISTING WORK AT THIS POINT.
P -	PLUMBING FIXTURE DESIGNATION
	END CAP

FIXTURE CONNECTION SCHEDULE

SYMBOL	DESCRIPTION	CONNECTION SIZE		
		WASTE	COLD WATER	HOT WATER
P-1	LAVATORY, ADA	1 1/4"	1/2"	1/2"
P-2	HAND HELD SHOWER	-----	-----	1/2"
P-3	LAVATORY	1-1/4"	1/2"	1/2"
P-4	VANITY WITH LAVATORY	1-1/4"	1/2"	1/2"

NOTES:

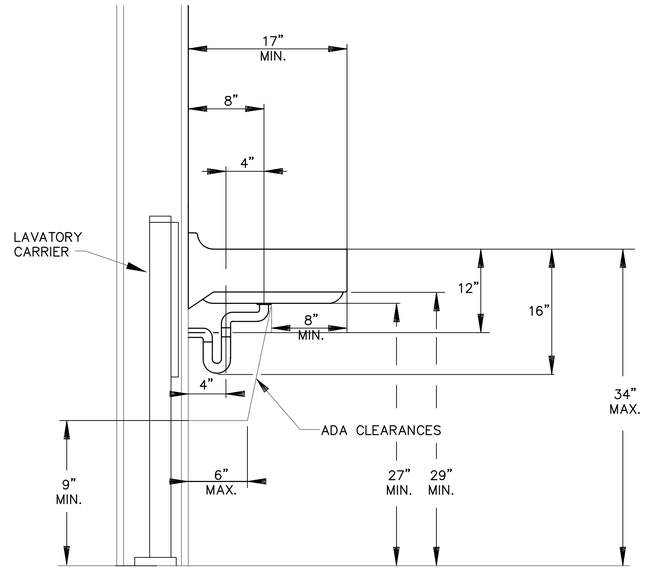
1. 1. ALL WALL MTD. LAVATORIES SHALL BE PROVIDED WITH FLOOR MOUNTED CARRIER.
2. ALL EXPOSED P-TRAPS SHALL BE PROVIDED WITH LAV SHIELDS.
3. PROVIDE OFFSET GRID DRAINS AT BARRIER-FREE LOCATIONS.

NEW CONSTRUCTION KEYED NOTES

1. EXISTING ¾" COLD WATER ENTRANCE TO FIRST FLOOR TO REMAIN.
2. EXISTING BALL VALVE AND PRESSURE REDUCING VALVE TO REMAIN.
3. EXISTING WATER HEATER, EXPANSION TANK, BALL VALVES AND FLEXIBLE CONNECTORS TO REMAIN.
4. PROVIDE ½" x 4" BRASS NIPPLE IPS AT BOTH ENDS FROM DISCHARGE OF PRV TO TRANSITION TO PEX.
5. CONNECT ½' HOT AND COLD WATER TO EXISTING KITCHEN SINK.
6. CONNECT ½" HOT AND COLW WATER TO EXISTING WASHING MACHINE BOX.
7. CONNECT ½" HOT AND COLD WATER TO SHOWER. EXISTING SHOWER VALVE TO REMAIN. CONNECT TO EXISTING PIPING ABOVE CEILING OR BELOW FLOOR TO MINIMISE DAMAGE TO SHEETROCK.
8. CONNECT ½" COLD WATER TO WATER CLOSET.
9. CONNECT ½' HOT AND COLD WATER TO NEW LAVATORY. ADJUST EXISTING WASTE ROUGH-INS AS REQUIRED TO ACCEPT NEW FIXTURE.
10. CONNECT NEW ½" HOT AND COLD WATER TO EXISTING LINES SERVING WATER HEATER.
11. EXISTING ¾" COLD WATER ENTRANCE TO SECOND FLOOR TO REMAINTO REMAIN.
12. EXISTING ¾" COLD WATER TO SECOND FLOOR TO REMAIN.
13. PROVIDE NEW HAND HELD SHOWER.
14. EXISTING HOT AND COLD WATER LINES TO BE ABANDONED BELOW SLAB OR REMOVED IF ABOVE SLAB.

GENERAL NOTES

1. FOR FULL COUNT OF BUILDING TYPES AND QUANTITIES REFER TO ARCHITECTURAL.
2. CONTRACTOR SHALL VISIT SITE BEFORE BID AND BECOME FAMILIAR WITH EXISTING CONDITIONS WHICH MAY AFFECT WORK.
3. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED FITTINGS TO CREATE A COMPLETE AND FUNTIONAL PLUMBING SYSTEM.
   CONTRACTOR SHALL DETERMINE FITTINGS REQUIRED TO CONNECTION TO FIXTURES SHOWN.
4. THE WATER SUPPLY SYSTEM SHALL BE PRESSURE TESTED AND PROVED TIGHT UNDER AWATER PRESSURE NOT LESS THAN 25 PSI ABOVE THE WORKING PRESSURE.THIS TEST SHALL BE PERFORMED IN THE PRESENCE OF THE OWNER. THIS TEST IS IN ADDITION TO OTHER TEST SPECIFIED AND SHALL BE THE LAST TEST PERFORMED.
5. COLD WATER PEX PIPING SHALL BE BLUE, NO EXCEPTIONS.
6. HOT WATER PEX PIPING SHALL BE RED, NO EXCEPTIONS.



NOTE:
CONTRACTOR TO FIELD MODIFY P-TRAP AND OFFSET DRAIN TO EXACT SIZES AS SHOWN.

ADA LAVATORY INSTALLATION DETAIL

NOT TO SCALE

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ROBERT WILLIAM [illegible]
10/5/18
STATE OF TENNESSEE

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1114 Clinch Ave., Suite 200
Knoxville, TN 37916
865.525-3488
ICT JOB No. 180484

A RENOVATION TO [illegible]
MODULAR [illegible]
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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Sheet Title
BUILDINGS MISC. DETAILS NEW & DEMO - WATER

Project Number 18110
Date 10-08-18
Sheet Number [illegible]-00

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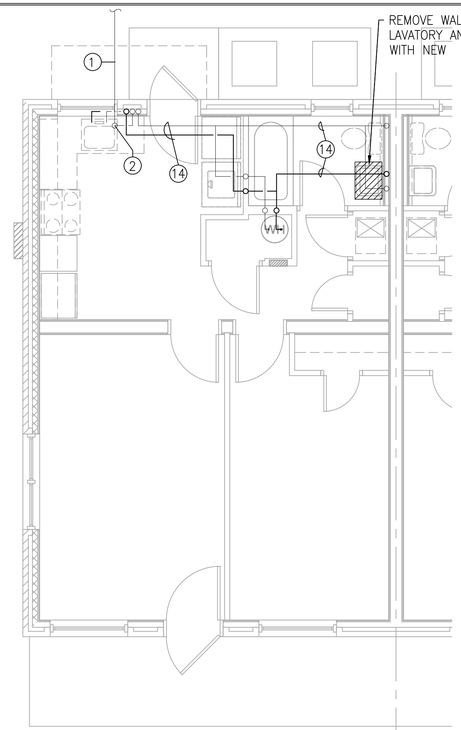
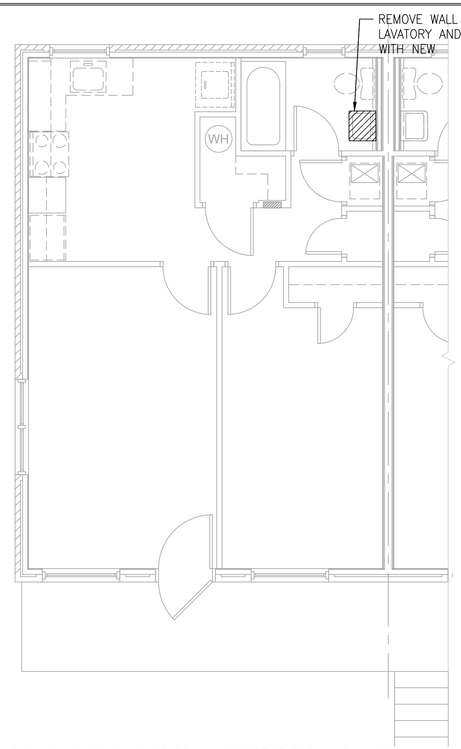


1 FIRST FLOOR PLAN - WATER DEMO - BUILDING A
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1A
(OTHER SIDE MIRRORED)



3 SECOND FLOOR PLAN - WATER DEMO - BUILDING A
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1B
(OTHER SIDE MIRRORED)

NEW CONSTRUCTION KEYED NOTES

1. EXISTING ¾" COLD WATER ENTRANCE TO FIRST FLOOR TO REMAIN.
2. EXISTING BALL VALVE AND PRESSURE REDUCING VALVE TO REMAIN.
3. EXISTING WATER HEATER, EXPANSION TANK, BALL VALVES AND FLEXIBLE CONNECTORS TO REMAIN.
4. PROVIDE ½" x 4" BRASS NIPPLE IPS AT BOTH ENDS FROM DISCHARGE OF PRV TO TRANSITION TO PEX.
5. CONNECT ½' HOT AND COLD WATER TO EXISTING KITCHEN SINK.
6. CONNECT ½" HOT AND COLW WATER TO EXISTING WASHING MACHINE BOX.
7. CONNECT ½" HOT AND COLD WATER TO SHOWER. EXISTING SHOWER VALVE TO REMAIN. CONNECT TO EXISTING PIPING ABOVE CEILING OR BELOW FLOOR TO MINIMISE DAMAGE TO SHEETROCK.
8. CONNECT ½" COLD WATER TO WATER CLOSET.
9. CONNECT ½' HOT AND COLD WATER TO NEW LAVATORY. ADJUST EXISTING WASTE ROUGH-INS AS REQUIRED TO ACCEPT NEW FIXTURE.
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11. EXISTING ¾" COLD WATER ENTRANCE TO SECOND FLOOR TO REMAINTO REMAIN.
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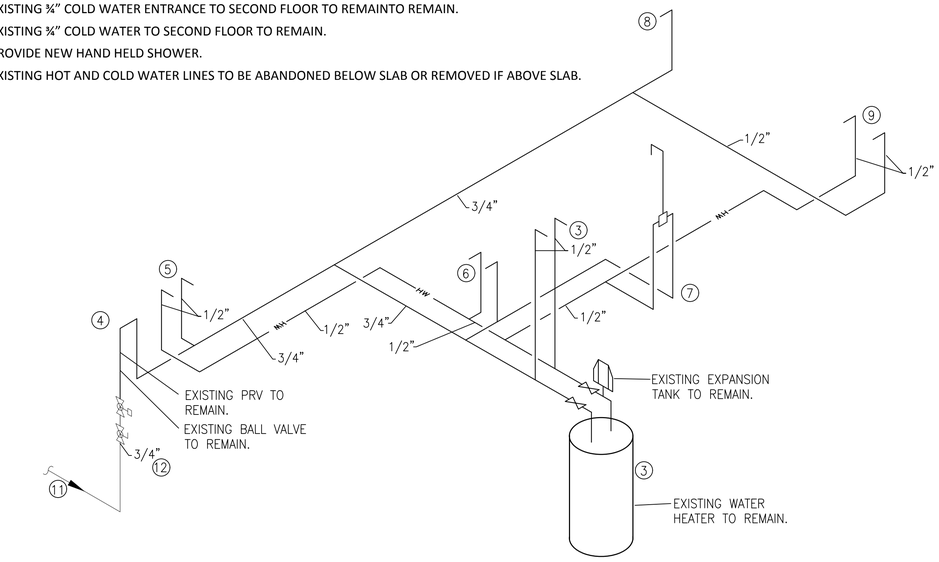
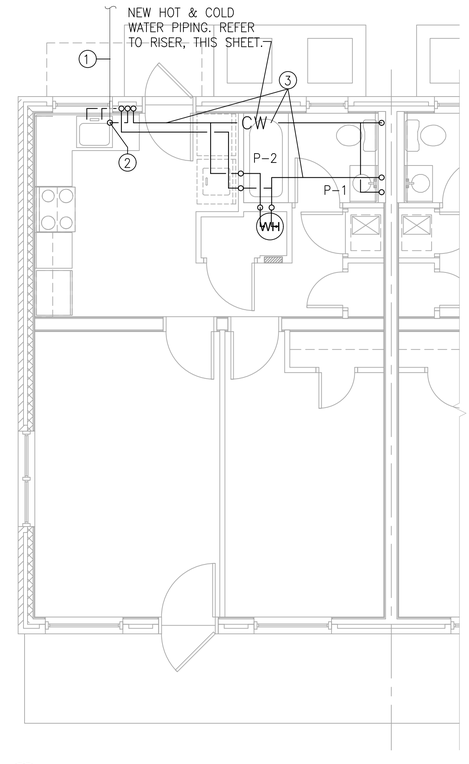
13. PROVIDE NEW HAND HELD SHOWER.
14. EXISTING HOT AND COLD WATER LINES TO BE ABANDONED BELOW SLAB OR REMOVED IF ABOVE SLAB.



5 SECOND FLOOR - WATER RISER DIAGRAM - BUILDING A
SCALE: NTS (OTHER SIDE IS MIRRORED)



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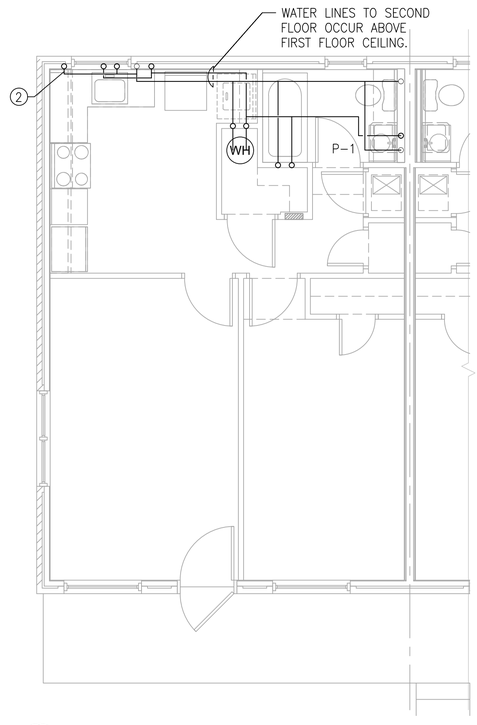
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1A
(OTHER SIDE MIRRORED)



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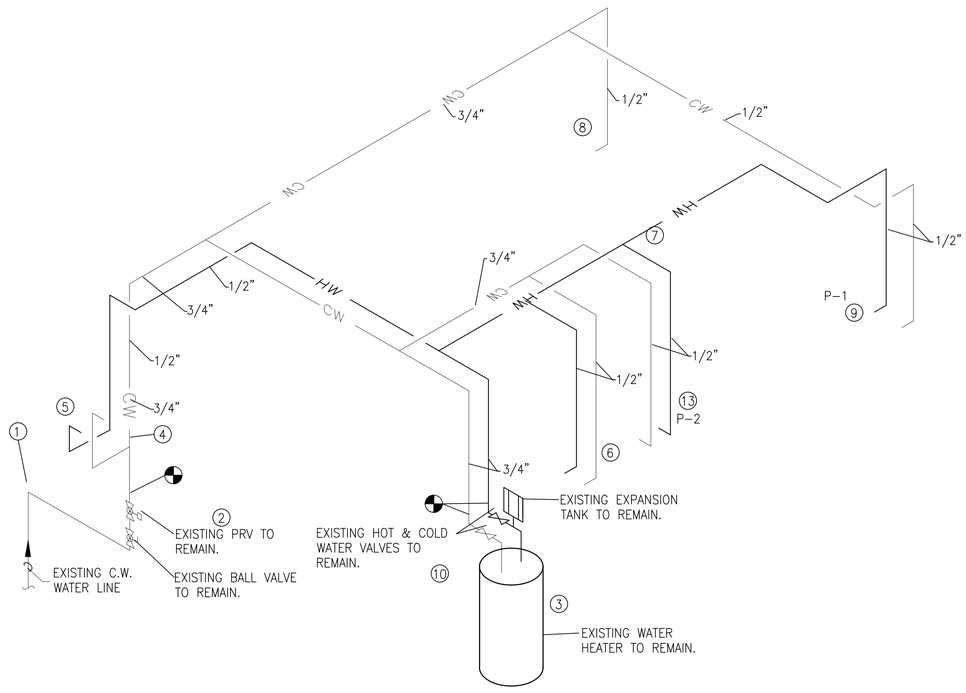
SCALE: 1/4" = 1'-0" 1BR - UNIT TYPE 1B
(OTHER SIDE MIRRORED)



6 FIRST FLOOR - WATER RISER DIAGRAM - BUILDING A
SCALE: NTS (OTHER SIDE IS MIRRORED)

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AGRICULTURE
No. 11715
STATE OF TENNESSEE
10/5/18

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865.525-3488
ICT JOB No. 180484

A RENOVATION TO
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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Sheet Title
BUILDING A
UNIT PLANS - NEW & DEMO - WATER

Project Number 18110
Date 10-08-18
Sheet Number A-01

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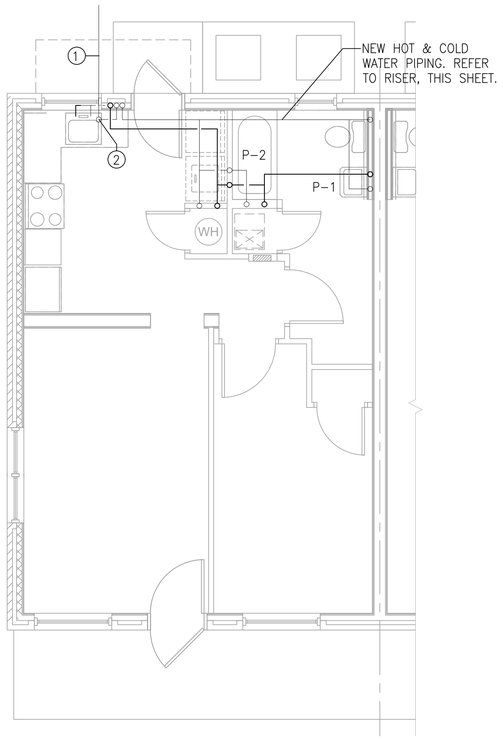
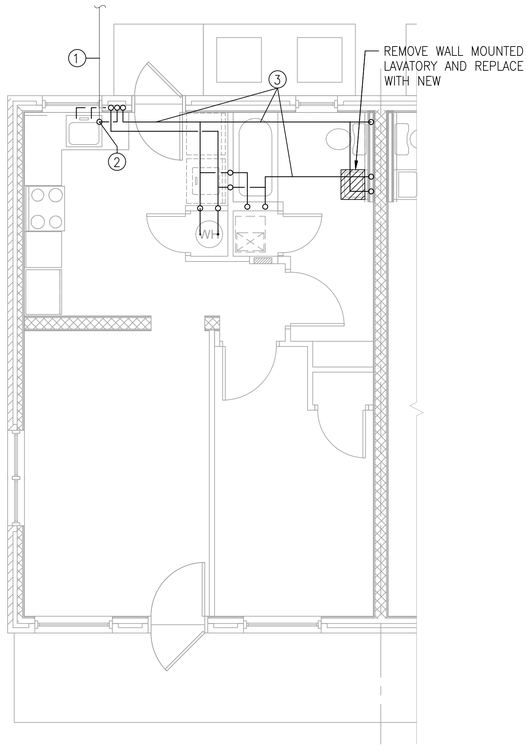
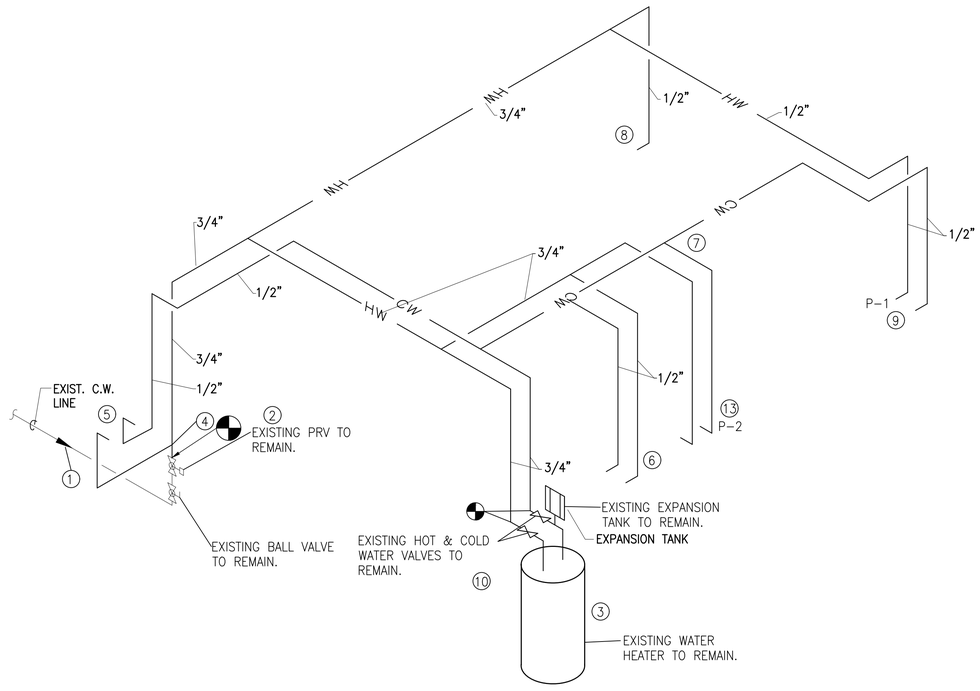


1 FIRST FLOOR ACCESSIBLE PLAN - WATER DEMO - BUILDING A
SCALE: 1/4" = 1'-0"



2 FIRST FLOOR ACCESSIBLE PLAN - WATER NEW - BUILDING A
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR ACCESSIBLE - WATER RISER DIAGRAM - BUILDING A
SCALE: OTHER SIDE MIRRORED

NEW CONSTRUCTION KEYED NOTES

1. EXISTING ¾" COLD WATER ENTRANCE TO FIRST FLOOR TO REMAIN.
2. EXISTING BALL VALVE AND PRESSURE REDUCING VALVE TO REMAIN.
3. EXISTING WATER HEATER, EXPANSION TANK, BALL VALVES AND FLEXIBLE CONNECTORS TO REMAIN.
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10/5/18

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Knoxville, TN 37916
865.525-3488
ICT JOB No. 180484

A RENOVATION TO
MULTI-FAMILY RESIDENCE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR

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Sheet Title
BUILDING A
UNIT PLANS -
NEW & DEMO -
WATER

Project Number
18110

Date
10-08-18

Sheet Number
-01-
CC

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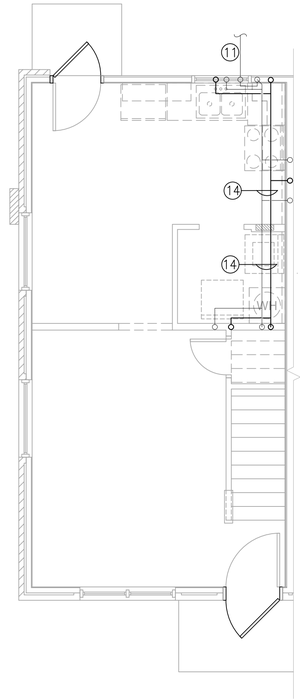

1 FIRST FLOOR PLAN - WATER DEMO - BUILDINGS B, C □ D
SCALE□1/4" □ 1'-0" 2BR - UNIT TYPE 2
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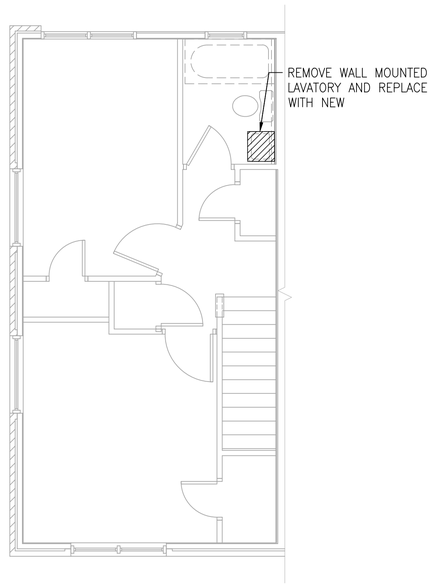
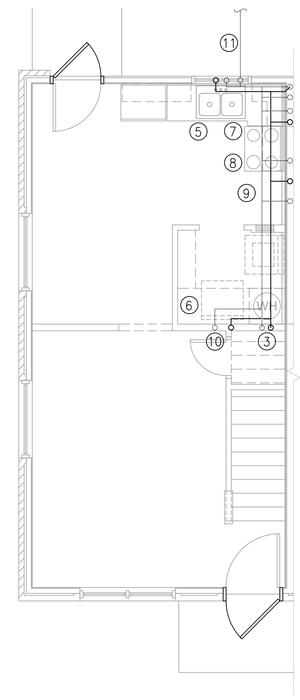
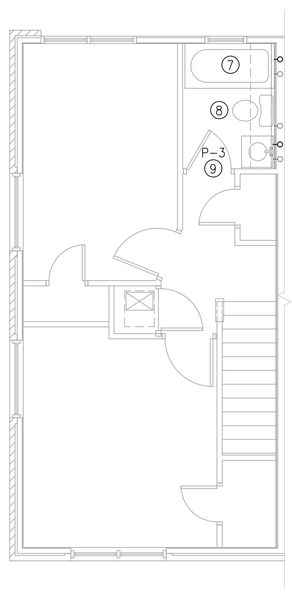


3 SECOND FLOOR PLAN - WATER DEMO - BUILDINGS B, C □ D
SCALE□1/4" □ 1'-0" 2BR - UNIT TYPE 2
(OTHER SIDE MIRRORED)



2 FIRST FLOOR PLAN - WATER NEW - BUILDINGS B, C □ D
SCALE□1/4" □ 1'-0" 2BR - UNIT TYPE 2
(OTHER SIDE MIRRORED)



4 SECOND FLOOR PLAN - WATER NEW - BUILDINGS B, C □ D
SCALE□1/4" □ 1'-0" 2BR - UNIT TYPE 2
(OTHER SIDE MIRRORED)

NEW CONSTRUCTION KEYED NOTES

1. EXISTING ¾" COLD WATER ENTRANCE TO FIRST FLOOR TO REMAIN.
2. EXISTING BALL VALVE AND PRESSURE REDUCING VALVE TO REMAIN.
3. EXISTING WATER HEATER, EXPANSION TANK, BALL VALVES AND FLEXIBLE CONNECTORS TO REMAIN.
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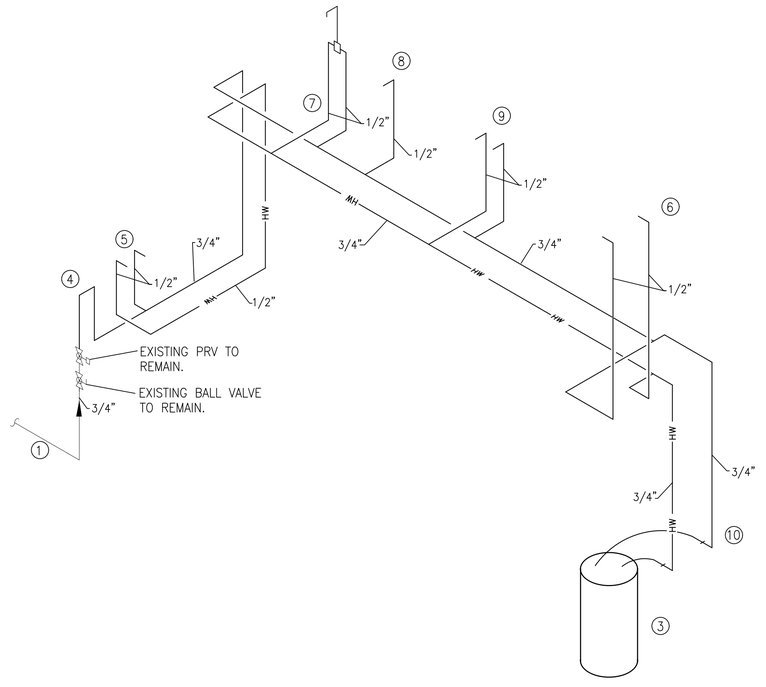

5 WATER RISER DIAGRAM - BUILDINGS B, C □ D
SCALE□NTS □OTHER SIDE MIRRORED□

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AGRICULTURE
ENGINEERING
COMMERCE
REG. NO. 111116
STATE OF TENNESSEE
10/5/18

ICT
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1114 Clinch Ave., Suite 200
Knoxville, TN 37916
:865:525-3488
ICT JOB No. 180484

A RENOVATION TO □
M□□□□M□R□□□□□□
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR
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Sheet Title
BUILDINGS B, C & D UNIT PLANS - NEW & DEMO - WATER

Project Number 18110
Date 10-08-18
Sheet Number □-□0□

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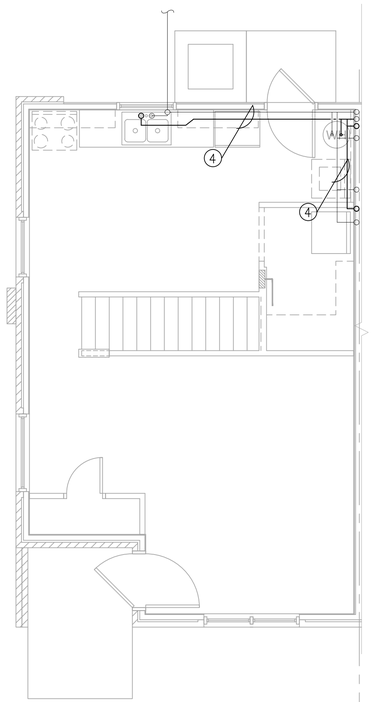
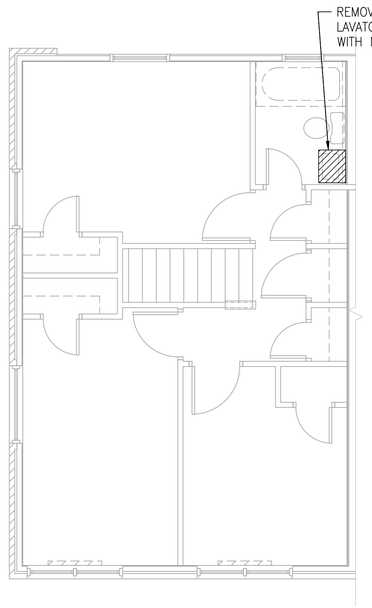
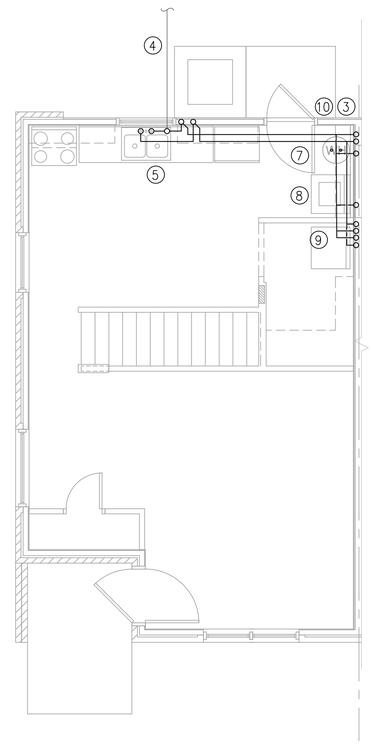


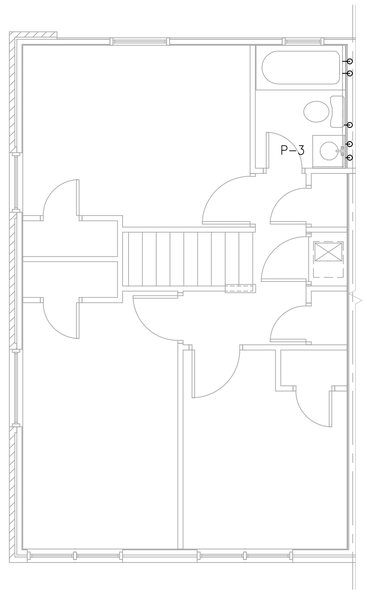
1 FIRST FLOOR PLAN - WATER DEMO - BUILDINGS E, F □ G
SCALE□1⁄4" □1□0" 3BR - UNIT TYPE 4
(OTHER SIDE MIRRORED)



3 SECOND FLOOR PLAN - WATER DEMO - BUILDINGS E, F □ G
SCALE□1⁄4" □1□0" 3BR - UNIT TYPE 4
(OTHER SIDE MIRRORED)



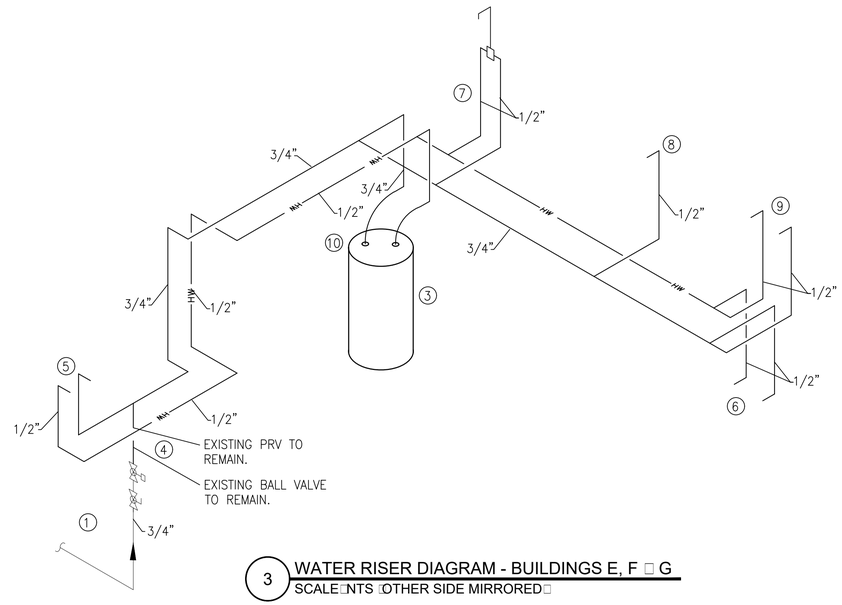
2 FIRST FLOOR PLAN - WATER NEW - BUILDINGS E, F □ G
SCALE□1⁄4" □1□0" 3BR - UNIT TYPE 4
(OTHER SIDE MIRRORED)



4 SECOND FLOOR PLAN - WATER NEW - BUILDINGS E, F □ G
SCALE□1⁄4" □1□0" 3BR - UNIT TYPE 4
(OTHER SIDE MIRRORED)

NEW CONSTRUCTION KEYED NOTES

1. EXISTING ¾" COLD WATER ENTRANCE TO FIRST FLOOR TO REMAIN.
2. EXISTING BALL VALVE AND PRESSURE REDUCING VALVE TO REMAIN.
3. EXISTING WATER HEATER, EXPANSION TANK, BALL VALVES AND FLEXIBLE CONNECTORS TO REMAIN.
4. PROVIDE ½" x 4" BRASS NIPPLE IPS AT BOTH ENDS FROM DISCHARGE OF PRV TO TRANSITION TO PEX.
5. CONNECT ½' HOT AND COLD WATER TO EXISTING KITCHEN SINK.
6. CONNECT ½" HOT AND COLW WATER TO EXISTING WASHING MACHINE BOX.
7. CONNECT ½" HOT AND COLD WATER TO SHOWER. EXISTING SHOWER VALVE TO REMAIN. CONNECT TO EXISTING PIPING ABOVE CEILING OR BELOW FLOOR TO MINIMISE DAMAGE TO SHEETROCK.
8. CONNECT ½" COLD WATER TO WATER CLOSET.
9. CONNECT ½' HOT AND COLD WATER TO NEW LAVATORY. ADJUST EXISTING WASTE ROUGH-INS AS REQUIRED TO ACCEPT NEW FIXTURE.
10. CONNECT NEW ½" HOT AND COLD WATER TO EXISTING LINES SERVING WATER HEATER.
11. EXISTING ¾" COLD WATER ENTRANCE TO SECOND FLOOR TO REMAINTO REMAIN.
12. EXISTING ¾" COLD WATER TO SECOND FLOOR TO REMAIN.
13. PROVIDE NEW HAND HELD SHOWER.
14. EXISTING HOT AND COLD WATER LINES TO BE ABANDONED BELOW SLAB OR REMOVED IF ABOVE SLAB.



3 WATER RISER DIAGRAM - BUILDINGS E, F □ G
SCALE□NTS □OTHER SIDE MIRRORED□

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10/5/18

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1114 Clinch Ave., Suite 200
Knoxville, TN 37916
:865□525-3488
ICT JOB No. 180484

A RENOVATION TO □
M□ R□ □ □ □ □ □ □
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR
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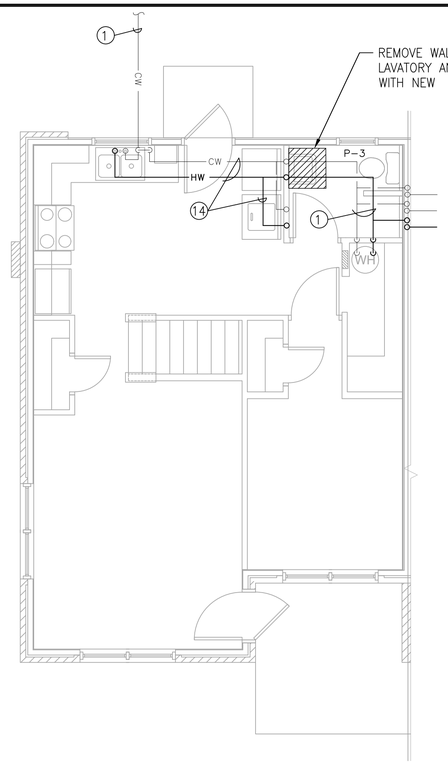
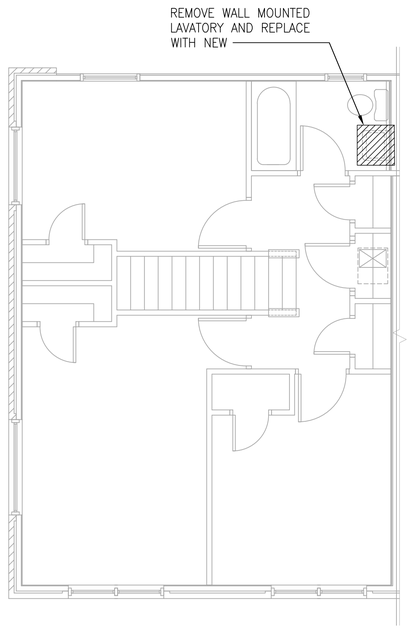
Sheet Title
BUILDINGS E, F & G UNIT PLANS - NEW & DEMO - WATER

Project Number 18110
Sheet Number □-□0□
Date 10-08-18

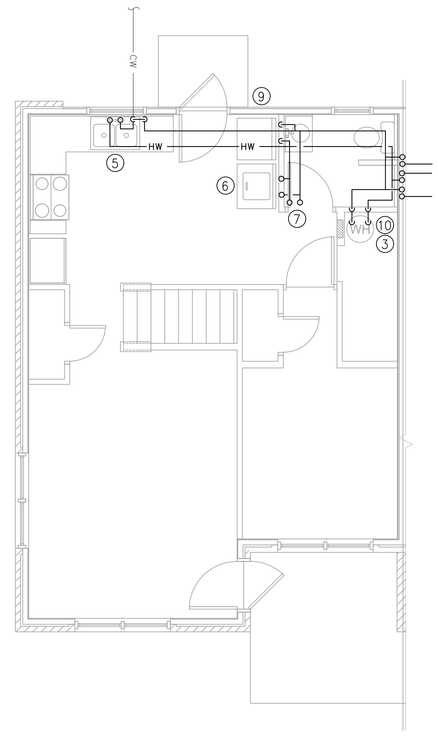
K:\2018\180484 KCDC - Montgomery Village\Cadd\DWG\180484-P204.dwg, 10/5/2018 1:52:30 PM, Adobe PDF 24x36.pc3



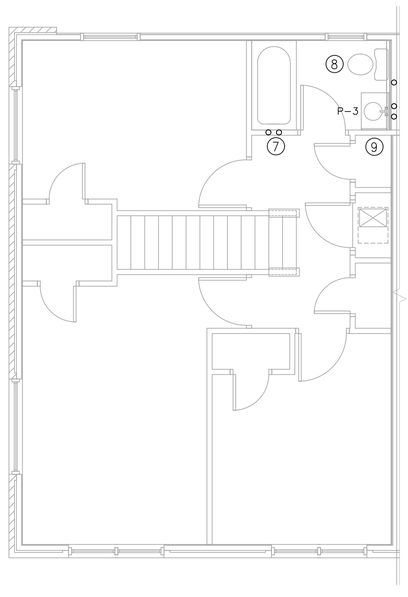
1 FIRST FLOOR PLAN - WATER DEMO - BUILDING I
SCALE: 1/4" = 1'-0" 4BR - UNIT TYPE 3



3 SECOND FLOOR PLAN - WATER DEMO - BUILDING I
SCALE: 1/4" = 1'-0" 4BR - UNIT TYPE 3



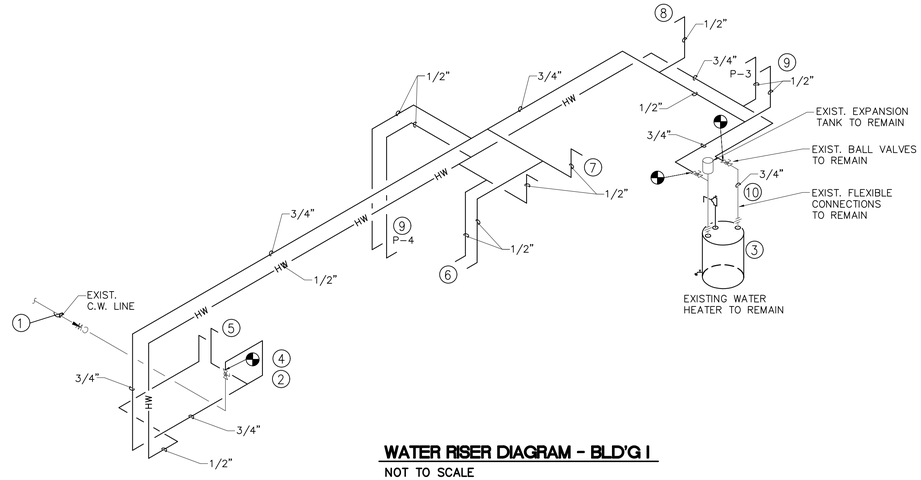
2 FIRST FLOOR PLAN - WATER NEW - BUILDING I
SCALE: 1/4" = 1'-0" 3BR - UNIT TYPE 4



4 SECOND FLOOR PLAN - WATER NEW - BUILDING I
SCALE: 1/4" = 1'-0" 4BR - UNIT TYPE 3

NEW CONSTRUCTION KEYED NOTES

1. EXISTING ¾" COLD WATER ENTRANCE TO FIRST FLOOR TO REMAIN.
2. EXISTING BALL VALVE AND PRESSURE REDUCING VALVE TO REMAIN.
3. EXISTING WATER HEATER, EXPANSION TANK, BALL VALVES AND FLEXIBLE CONNECTORS TO REMAIN.
4. PROVIDE ½" x 4" BRASS NIPPLE IPS AT BOTH ENDS FROM DISCHARGE OF PRV TO TRANSITION TO PEX.
5. CONNECT ½' HOT AND COLD WATER TO EXISTING KITCHEN SINK.
6. CONNECT ½" HOT AND COLW WATER TO EXISTING WASHING MACHINE BOX.
7. CONNECT ½" HOT AND COLD WATER TO SHOWER. EXISTING SHOWER VALVE TO REMAIN. CONNECT TO EXISTING PIPING ABOVE CEILING OR BELOW FLOOR TO MINIMISE DAMAGE TO SHEETROCK.
8. CONNECT ½" COLD WATER TO WATER CLOSET.
9. CONNECT ½' HOT AND COLD WATER TO NEW LAVATORY. ADJUST EXISTING WASTE ROUGH-INS AS REQUIRED TO ACCEPT NEW FIXTURE.
10. CONNECT NEW ½" HOT AND COLD WATER TO EXISTING LINES SERVING WATER HEATER.
11. EXISTING ¾" COLD WATER ENTRANCE TO SECOND FLOOR TO REMAINTO REMAIN.
12. EXISTING ¾" COLD WATER TO SECOND FLOOR TO REMAIN.
13. PROVIDE NEW HAND HELD SHOWER.
14. EXISTING HOT AND COLD WATER LINES TO BE ABANDONED BELOW SLAB OR REMOVED IF ABOVE SLAB.



WATER RISER DIAGRAM - BLD'G I
NOT TO SCALE
(OTHER SIDE MIRRORED)

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ICT JOB No. 180484

A RENOVATION TO
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

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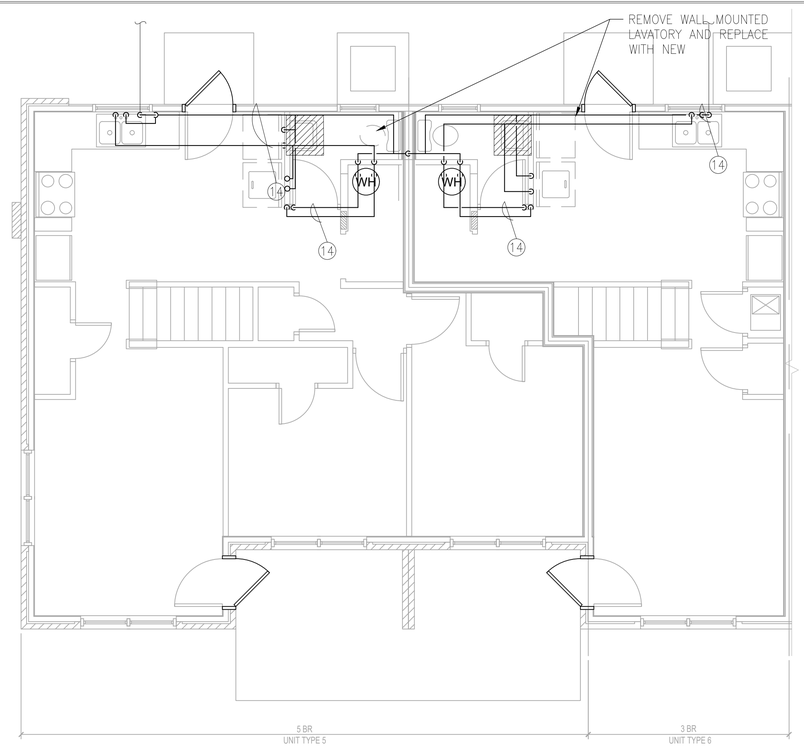
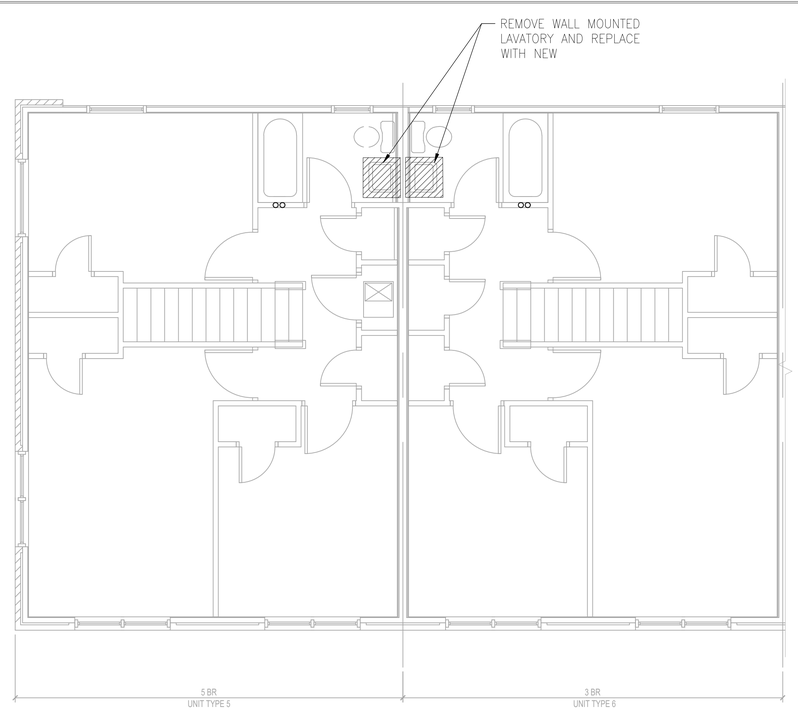
Sheet Title
BUILDING I
UNIT PLANS - NEW & DEMO - WATER

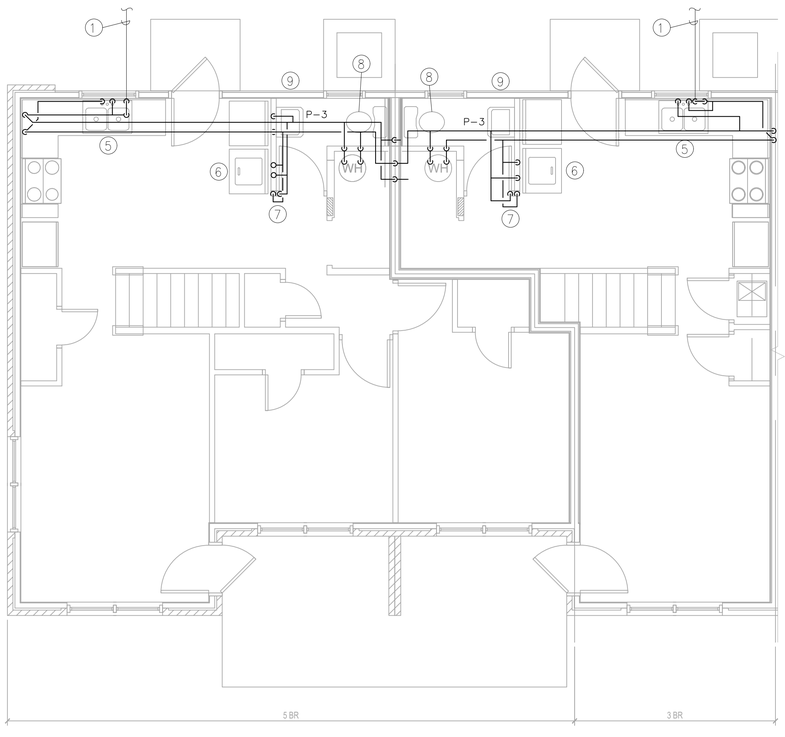
Project Number 18110
Date 10-08-18
Sheet Number -0



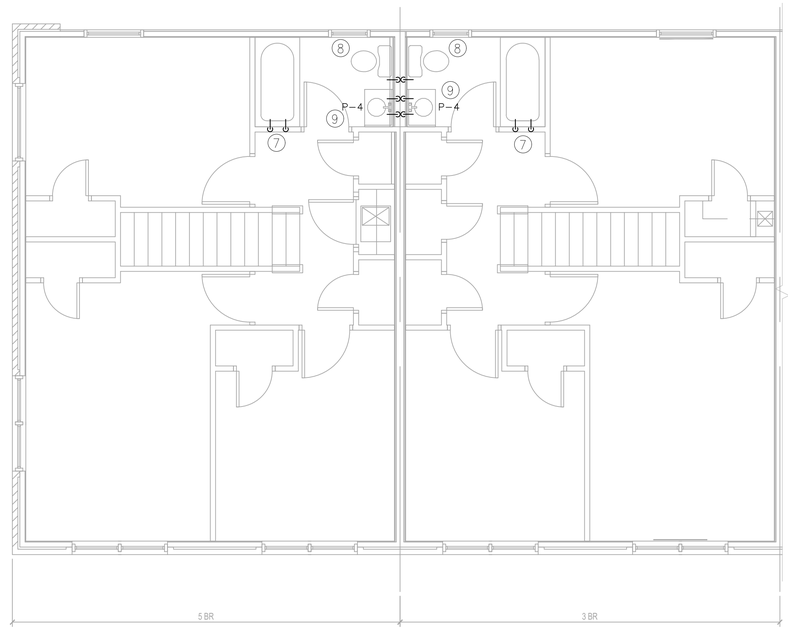
1 FIRST FLOOR PLAN - WATER DEMO - BUILDING J
SCALE: 1/4" = 1'-0"



3 SECOND FLOOR PLAN - WATER DEMO - BUILDING J
SCALE: 1/4" = 1'-0"



2 FIRST FLOOR PLAN - WATER NEW - BUILDING J
SCALE: 1/4" = 1'-0"



4 SECOND FLOOR PLAN - WATER NEW - BUILDING J
SCALE: 1/4" = 1'-0"

NEW CONSTRUCTION KEYED NOTES

1. EXISTING ¾" COLD WATER ENTRANCE TO FIRST FLOOR TO REMAIN.
2. EXISTING BALL VALVE AND PRESSURE REDUCING VALVE TO REMAIN.
3. EXISTING WATER HEATER, EXPANSION TANK, BALL VALVES AND FLEXIBLE CONNECTORS TO REMAIN.
4. PROVIDE ½" x 4" BRASS NIPPLE IPS AT BOTH ENDS FROM DISCHARGE OF PRV TO TRANSITION TO PEX.
5. CONNECT ½' HOT AND COLD WATER TO EXISTING KITCHEN SINK.
6. CONNECT ½" HOT AND COLW WATER TO EXISTING WASHING MACHINE BOX.
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8. CONNECT ½" COLD WATER TO WATER CLOSET.
9. CONNECT ½' HOT AND COLD WATER TO NEW LAVATORY. ADJUST EXISTING WASTE ROUGH-INS AS REQUIRED TO ACCEPT NEW FIXTURE.
10. CONNECT NEW ½" HOT AND COLD WATER TO EXISTING LINES SERVING WATER HEATER.
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14. EXISTING HOT AND COLD WATER LINES TO BE ABANDONED BELOW SLAB OR REMOVED IF ABOVE SLAB.

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10/5/18

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A RENOVATION TO
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Sheet Title
BUILDING J
UNIT PLANS - NEW & DEMO - WATER

Project Number 18110
Date 10-08-18
Sheet Number -0

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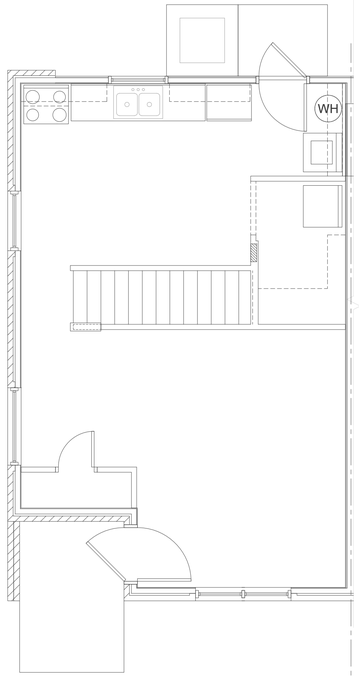
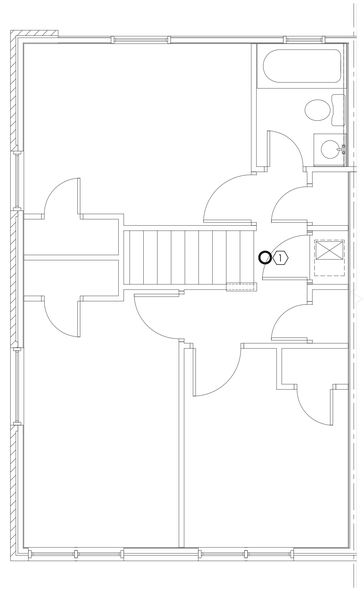
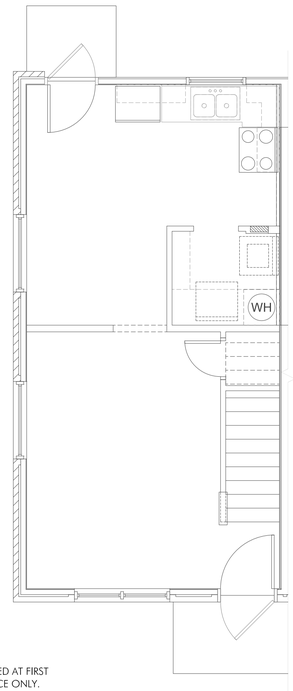


NOTE:
NO ELECTRICAL WORK REQUIRED AT FIRST FLOOR, SHOWN FOR REFERENCE ONLY.

3 FIRST FLOOR PLAN - LIGHTING - BUILDINGS E, F & G
SCALE: 1/4" = 1'-0" 3BR - UNIT TYPE 4

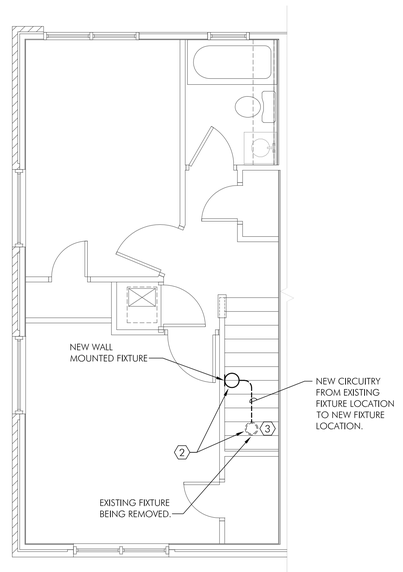


2 SECOND FLOOR PLAN - LIGHTING - BUILDINGS E, F & G
SCALE: 1/4" = 1'-0" 3BR - UNIT TYPE 4



NOTE:
NO ELECTRICAL WORK REQUIRED AT FIRST FLOOR, SHOWN FOR REFERENCE ONLY.

1 FIRST FLOOR PLAN - LIGHTING - BUILDINGS B, C & D
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR PLAN - LIGHTING - BUILDINGS B, C & D
SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. THIS DRAWING IS GENERALLY DIAGRAMMATIC IN NATURE AND EXCEPT WHERE SPECIFICALLY DIMENSIONED OR DETAILED, INDICATES THE GENERAL ARRANGEMENT OF THE WORK. THE CONTRACTOR SHALL INSTALL HIS WORK TO CONFORM AS NEARLY AS POSSIBLE TO THE LOCATIONS AND ARRANGEMENTS SHOWN, WITH ONLY SUCH MINOR ADJUSTMENTS AS NECESSARY. CONTRACTOR SHALL COORDINATE THE WORK WITH ALL OTHER TRADES TO AVOID INTERFERENCES.
2. ALL ELECTRICAL COMPONENTS EXTENDED THROUGH A FIRE RATED STRUCTURE SHALL BE PROTECTED OR SEALED AS REQUIRED TO MAINTAIN RATING OF THE STRUCTURE.
3. MAINTAIN CODE REQUIRED CLEARANCES AT ALL ELECTRICAL PANELS AND DISCONNECT SWITCHES. THERE SHALL BE NO EQUIPMENT, PIPING OR DUCT WORK INSTALLED IN OR ABOVE THE WORKING CLEARANCES.

KEY NOTES

1. EXISTING CEILING MOUNTED LIGHT FIXTURE TO BE REPLACED WITH NEW LIGHT FIXTURE IN THE SAME LOCATION. MAINTAIN EXISTING CIRCUITRY AND CONTROLS.
2. EXISTING CEILING MOUNTED LIGHT FIXTURE TO BE REMOVED AND REPLACED WITH NEW WALL MOUNTED LIGHT FIXTURE MIDWAY BETWEEN THE FIRST AND SECOND FLOORS. CONTRACTOR SHALL EXTEND EXISTING CIRCUITRY AND SWITCH LEG TO NEW FIXTURE LOCATION AS REQUIRED USING WIREMOLD SURFACE MOUNTED NON-METALLIC RACEWAY SYSTEM. PROVIDE NEW COVER PLATE AT EXISTING FIXTURE JUNCTION BOX AND PAINT ALL SURFACE MOUNTED RACEWAY TO MATCH WALL/CEILING SURFACE. CONTRACTOR SHALL PROVIDE UNIT PRICE FOR THIS SCOPE OF WORK IN ACCORDANCE WITH SPECIFICATIONS.
3. AS PART OF A DEDUCTIVE ALTERNATE, THE EXISTING FIXTURE AT THIS LOCATION SHALL BE SHALL BE REPLACED WITH A NEW LIGHT FIXTURE IN THE SAME LOCATION, IN LIEU OF PROVIDING A NEW WALL MOUNTED FIXTURE AS DESCRIBED IN KEY-NOTE NUMBER 2. NEW FIXTURE SHALL BE EQUAL TO SEA GULL LIGHTING MODEL NUMBER 7926EN3-15 OR EQUAL. MAINTAIN EXISTING CIRCUITRY AND CONTROLS.

LEGEND

- NEW SURFACE MOUNTED RACEWAY, SEE PLANS FOR ADDITIONAL INFORMATION.
- NEW TWO LIGHT CEILING FLUSH MOUNTED LIGHTING FIXTURE WITH TWO (2) A19 LED LAMPS AND WHITE SHATTER RESISTANT ACRYLIC DIFFUSER. USE SEA GULL LIGHTING MODEL NUMBER 7926EN3-15 OR EQUAL.
- NEW ONE LIGHT ADA COMPLIANT WALL MOUNTED LIGHTING FIXTURE WITH ONE (1) A19 LED LAMP AND WHITE ACRYLIC DIFFUSER. USE SEA GULL LIGHTING MODEL NUMBER 4938EG-15 OR EQUAL.

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STEPHEN ESTEP REGISTERED ENGINEER AGRICULTURE COMMERCE No. 121525 STATE OF TENNESSEE 10/8/18

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(865) 525-3488
ICT JOB No. 180484

A RENOVATION TO:
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4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

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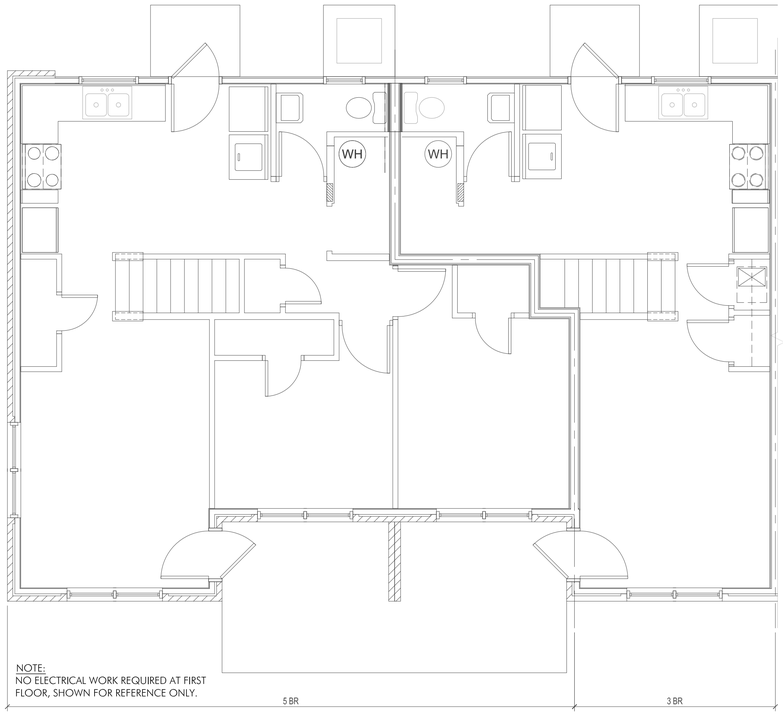
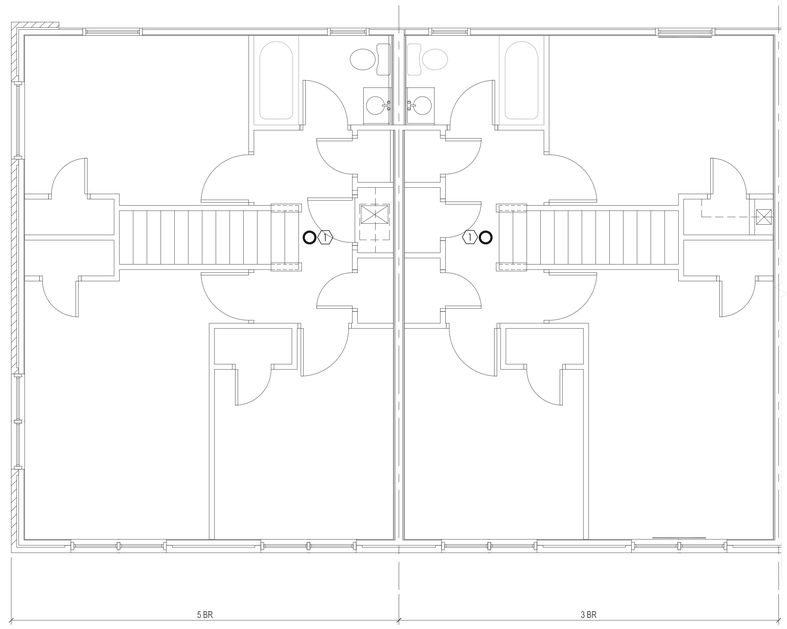
Sheet Title
BUILDINGS B, C, D, E, F, AND G UNIT PLANS - LIGHTING

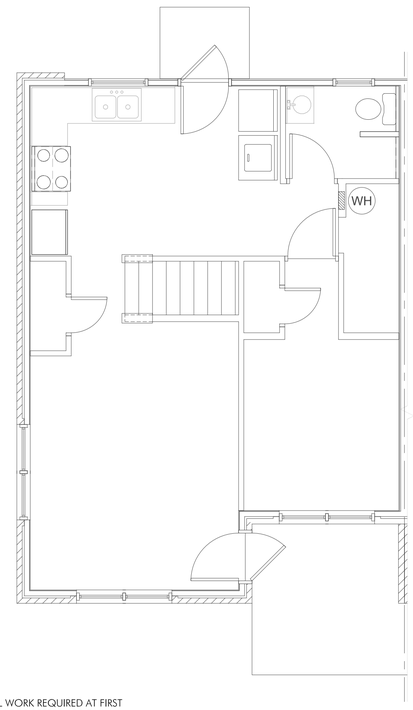
Project Number 18110
Date 10-08-18
Sheet Number **E-101**



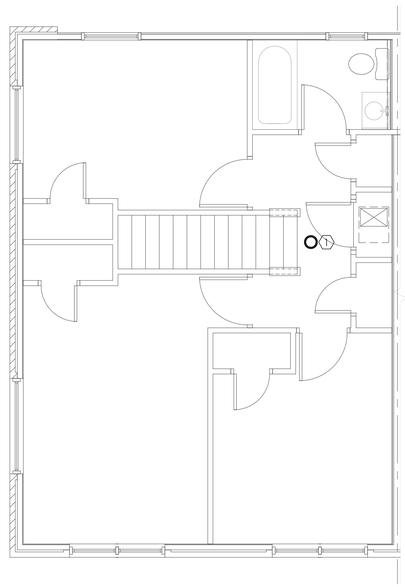
3 FIRST FLOOR PLAN - SANITARY NEW - BUILDING J
SCALE: 1/4" = 1'-0"



4 SECOND FLOOR PLAN - SANITARY NEW - BUILDING J
SCALE: 1/4" = 1'-0"



1 FIRST FLOOR PLAN - SANITARY NEW - BUILDING I
SCALE: 1/4" = 1'-0"



2 SECOND FLOOR PLAN - SANITARY NEW - BUILDING I
SCALE: 1/4" = 1'-0"

GENERAL NOTES

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2. ALL ELECTRICAL COMPONENTS EXTENDED THROUGH A FIRE RATED STRUCTURE SHALL BE PROTECTED OR SEALED AS REQUIRED TO MAINTAIN RATING OF THE STRUCTURE.
3. MAINTAIN CODE REQUIRED CLEARANCES AT ALL ELECTRICAL PANELS AND DISCONNECT SWITCHES. THERE SHALL BE NO EQUIPMENT, PIPING OR DUCT WORK INSTALLED IN OR ABOVE THE WORKING CLEARANCES.

KEY NOTES

(1) EXISTING CEILING MOUNTED LIGHT FIXTURE TO BE REPLACED WITH NEW LIGHT FIXTURE IN THE SAME LOCATION. MAINTAIN EXISTING CIRCUITRY AND CONTROLS.

LEGEND

○ NEW TWO LIGHT CEILING FLUSH MOUNTED LIGHTING FIXTURE WITH TWO (2) A19 LED LAMPS AND WHITE SHATTER RESISTANT ACRYLIC DIFFUSER. USE SEA GULL LIGHTING MODEL NUMBER 7926EN3-15 OR EQUAL.

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Sheet Title
BUILDING I AND J UNIT PLANS - LIGHTING

Project Number	Sheet Number
18110	E-102
Date	
10-08-18	

OWNER PROVIDED REFERENCE DRAWINGS

FOR: A RENOVATION TO:

MONTGOMERY VILLAGE

4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

OWNER:

KNOXVILLE'S COMMUNITY
DEVELOPMENT CORP.
Phone : *(865) 755-6007*
P.O. BOX 3550
KNOXVILLE, TN 37927

Contact : JACK CANADA
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KCDC

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www.dia-arch.com

A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR
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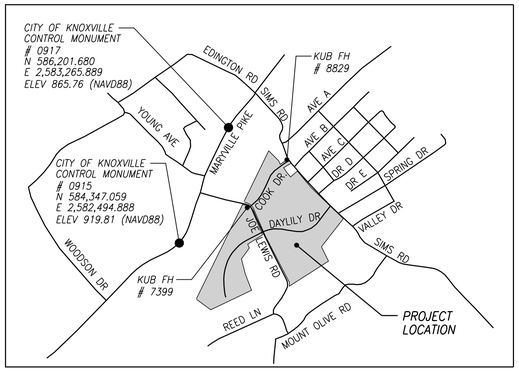
Sheet Title
REFERENCE DWGS
COVER PAGE

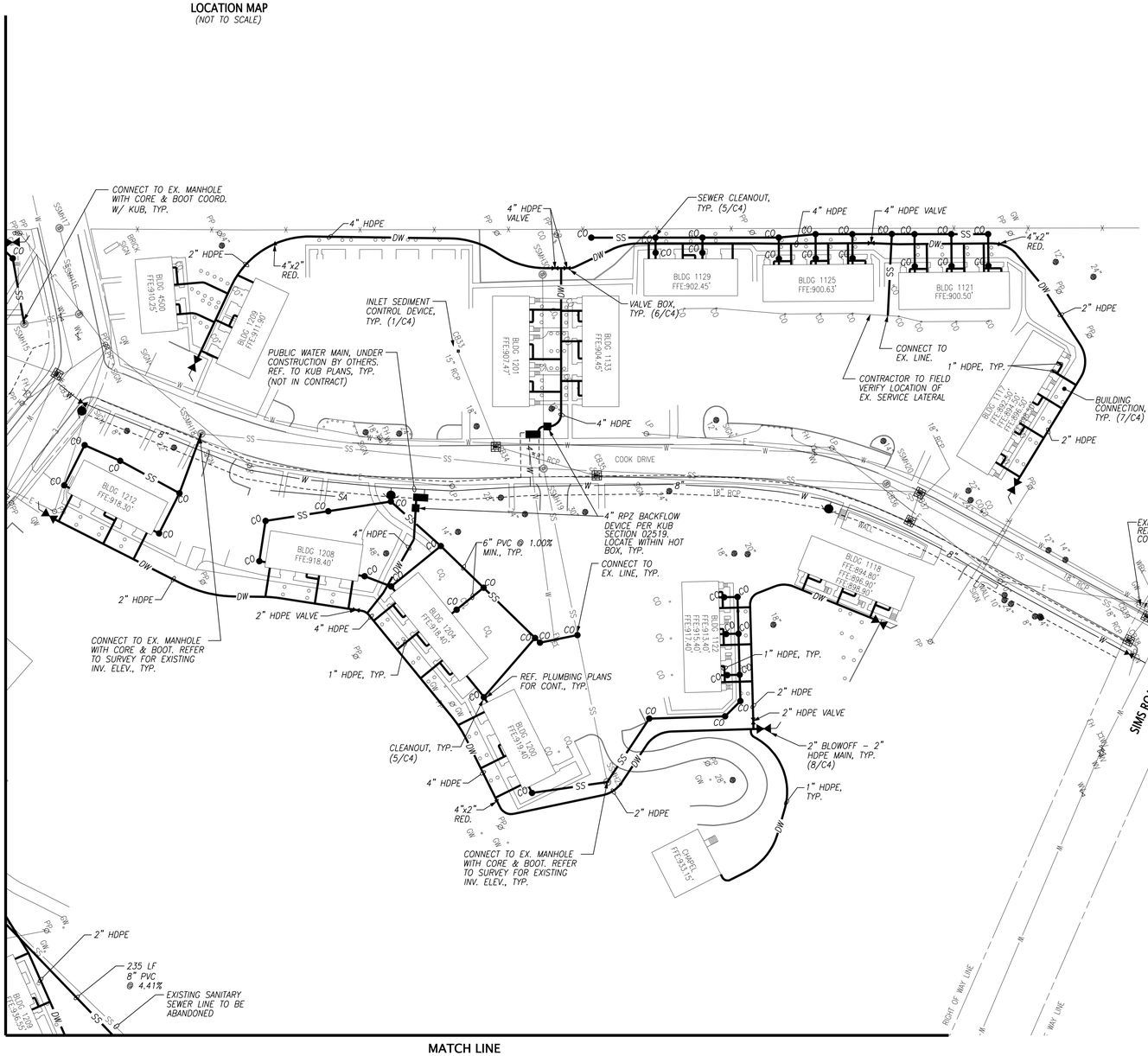
Project Number
18110

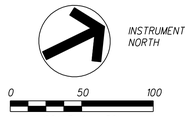
Date
10-08-18

Sheet Number
C-0



LOCATION MAP
(NOT TO SCALE)



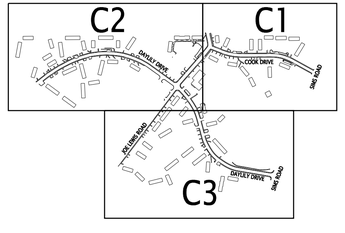


UTILITY NOTES:

1. LOCATE EXISTING UTILITIES. CALL THE TENNESSEE ONE CALL SYSTEM, AT 1-800-351-1111.
2. BLASTING WILL NOT BE ALLOWED ON THIS PROJECT WITHOUT PRIOR EXPRESS WRITTEN PERMISSION FROM THE OWNERS REPRESENTATIVE.
3. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL CONTACT THE UTILITY OWNERS TO NOTIFY THEM OF WORK IN THE AREA AND REQUEST THEM TO PROPERLY LOCATE THEIR RESPECTIVE UTILITY. NOTIFICATION SHALL BE GIVEN AT LEAST THREE BUSINESS DAYS PRIOR TO COMMENCEMENT OF OPERATIONS AROUND THE UTILITY.
4. CONTRACTOR MUST HAVE A VALID STATE OF TENNESSEE MUNICIPAL UTILITY LICENSE FOR CONSTRUCTION OF WATER AND SANITARY SEWER MAINS.
5. THE LOCATIONS OF THE EXISTING UTILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD BY POTHOLING AND BY CONTACTING THE UTILITY COMPANIES INVOLVED.
6. PROVIDE ALL NECESSARY PROTECTIVE MEASURES TO SAFEGUARD THE EXISTING UTILITIES FROM DAMAGE DURING THE CONSTRUCTION OF THIS PROJECT. FURNISH ANY SPECIAL EQUIPMENT REQUIRED TO WORK OVER AND AROUND THE UTILITIES.
7. TRENCH DESIGN AND SAFETY FOR PIPELINE CONSTRUCTION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL CONFORM WITH ALL APPLICABLE LOCAL, STATE, AND OSHA REGULATIONS.
8. INSTALL FITTINGS AS NEEDED TO AVOID CONFLICTS WITH EXISTING AND PROPOSED UNDERGROUND LINES AND OBSTRUCTIONS.
9. LOCATE WATER VALVES OUTSIDE OF PAVED AREAS.
10. WATER SERVICES SHOWN ON THESE DRAWINGS ARE FOR GENERAL LOCATION ONLY. PRIOR TO INSTALLATION, CONTRACTOR TO COORDINATE WITH THE UTILITY OWNER TO DETERMINE ACTUAL FIELD LOCATION OF WATER SERVICE TAPS, SERVICE LINES, VALVES, AND WATER METERS.
11. UNLESS OTHERWISE NOTED, ALL SANITARY SEWER LINES SHALL BE PVC, SDR 26. ALL LATERALS TO BE 6" WITH A MINIMUM SLOPE OF 1.00%
12. BIDDERS SHALL FIELD VERIFY EXTENT OF CONCRETE, ASPHALT PAVEMENT, AND OTHER MATERIALS THAT WILL REQUIRE CUTTING, TRENCHING, AND RECONSTRUCTION/REPAIR DUE TO INSTALLATION OF PROPOSED WATER AND SEWER LINES AND APPURTENANCES.
13. METHOD OF WATER LINE INSTALLATION IS AT THE CONTRACTOR'S OPTION. ALL METHODS SHALL BE PER SPECIFICATIONS. NO ADDITIONAL COSTS WILL BE PAID FOR ALTERNATE METHODS.
14. CONTRACTOR SHALL COORDINATE WITH KUB AND OWNER TO ASSURE MINIMAL INTERRUPTION OF SERVICE. ALL INTERRUPTION OF SERVICE SHALL RECEIVE PRIOR APPROVAL AND SHALL BE SCHEDULED WITH OWNER. THE EXISTING WATER METERS AND PRIVATE WATER SYSTEM SERVING THE MONTGOMERY VILLAGE PROJECT SHALL REMAIN IN PLACE AND STAY ACTIVE UNTIL NO LONGER REQUIRED FOR WATER DELIVERY. WORK AND MATERIALS SPECIFICALLY ASSOCIATED WITH THE DISCONNECTION AND REMOVAL AND/OR ABANDONMENT OF THE EXISTING PRIVATE SYSTEM SHALL BE PROVIDED AND PERFORMED IN THIS PROJECT CONTRACT AND SHALL BE INCLUDED IN THIS BID.
15. ALL TREES WITHIN 20' OF PROPOSED CONSTRUCTION SHALL BE PROPERLY PROTECTED. THE REPLACEMENT OF REMOVED TREES WILL NOT BE PERFORMED DURING THIS PHASE OF THE PROJECT. WORK AND MATERIALS SPECIFICALLY ASSOCIATED WITH THE REPLACEMENT OF TREES WILL BE PROVIDED AND PERFORMED IN A SUBSEQUENT PROJECT CONTRACT AND SHALL NOT BE INCLUDED IN THIS BID.
16. THE WATER SERVICE ASSEMBLIES PER KUB FIGURE 12-02518-L WILL BE INSTALLED BY OTHERS TO A POINT AT 24" BEYOND THE METER WELLS. THE WATER METERS SHALL BE PROVIDED IN THIS CONTRACT AND THE COSTS SHALL BE INCLUDED IN THE BID. WORK AND MATERIALS SPECIFICALLY ASSOCIATED WITH THE INSTALLATION OF THE WATER METERS, DOMESTIC WATER LINES FROM A POINT 24" BEYOND THE METER WELLS, BACKFLOW PREVENTERS (SEE ALTERNATE #6), AND OTHER ASSOCIATED APPURTENANCES SHALL BE PROVIDED AND PERFORMED IN THIS CONTRACT AND SHALL BE INCLUDED IN THIS BID.

LEGEND:

SS	EXISTING SANITARY SEWER LINE
W	EXISTING WATER LINE
DW	PROPOSED WATER LINE
	PROPOSED WATER VALVE AND BOX
	PROPOSED FIRE HYDRANT ASSEMBLY
SS	PROPOSED SEWER LINE
CO	PROPOSED SEWER CLEANOUT
	PROPOSED SINGLE WATER METER
	PROPOSED BACKFLOW PREVENTER
	PROPOSED BLOW-OFF VALVE
	PROPOSED INLET SEDIMENT CONTROL
TYP.	TYPICAL
(1/C2)	DETAIL REF. (DETAIL NO./SHT. NO.)



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FMA PROJECT: 397.001

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JAMES S. WITT — REGISTERED LANDSCAPE ARCHITECT — AGRICULTURE — CONSULTANT — No. 109821 — STATE OF TENNESSEE — 4-27-10

A RENOVATION TO:
MONTGOMERY VILLAGE
4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

DATE	ISSUE FOR
04/27/10	BID SET

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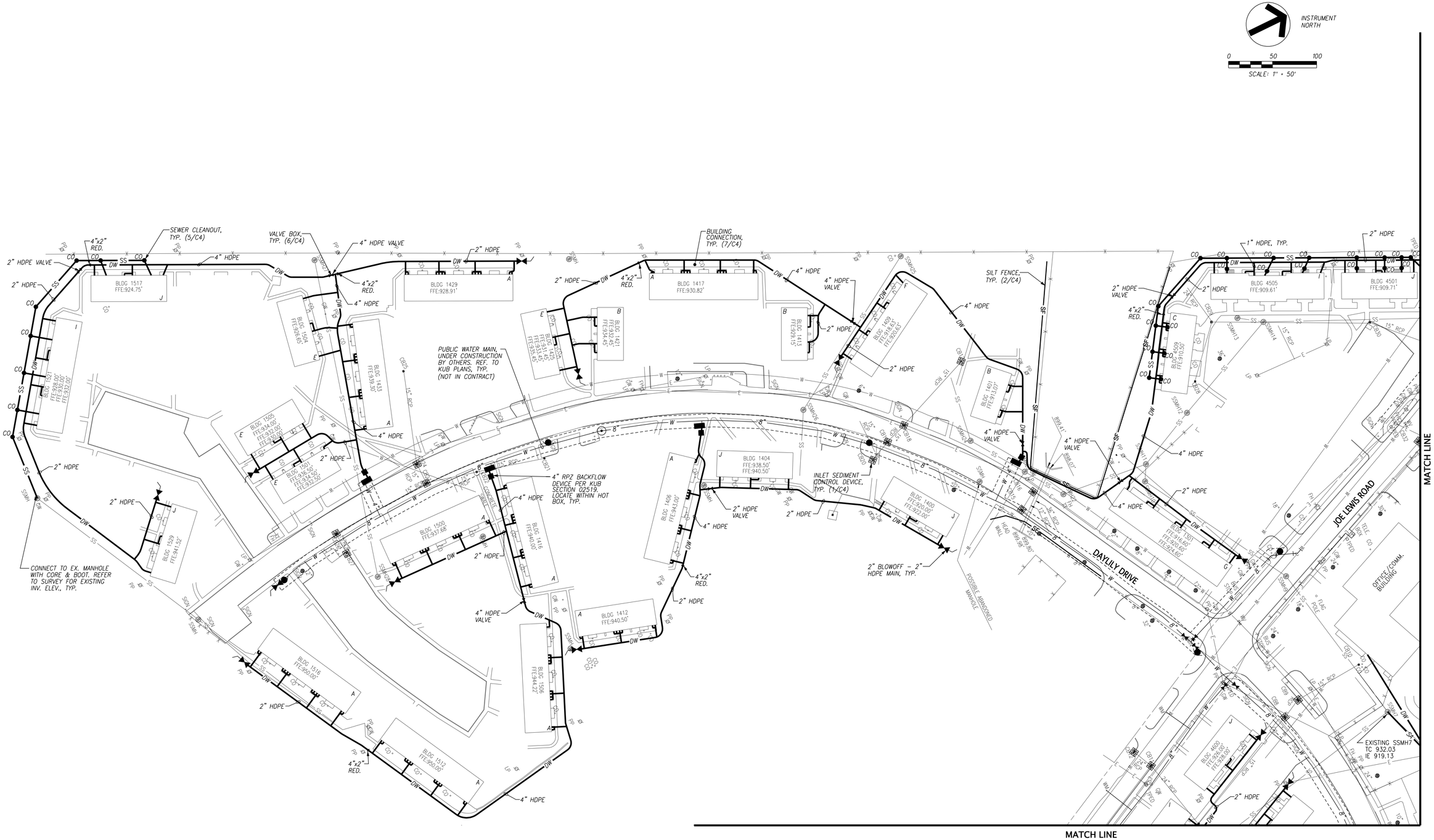
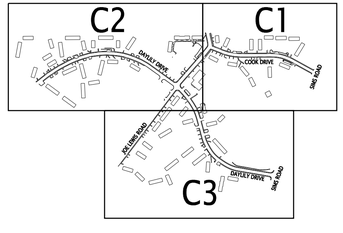
Sheet Title
PROPOSED PRIVATE SITE WATER AND SANITARY SEWER IMPROVEMENTS

Project Number	Sheet Number
09029	C1
Date	
4/27/10	



GENERAL NOTES:

1. REFER TO SHEET C1 FOR NOTES AND LEGEND.



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JAMES S. WATT
REGISTERED LANDSCAPE ARCHITECT
No. 1088
STATE OF TENNESSEE
4-27-10

A RENOVATION TO:

MONTGOMERY VILLAGE

4530 JOE LEWIS ROAD
KNOXVILLE, TENNESSEE 37920

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Sheet Title

PROPOSED PRIVATE SITE WATER AND SANITARY SEWER IMPROVEMENTS

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FMA PROJECT: 397.001

Project Number	Sheet Number
09029	C2
Date	
4/27/10	

INSTRUMENT NORTH

0 50 100

SCALE: 1" = 50'

SHEET C2 MATCH LINE

SHEET C1 MATCH LINE

WALTER REED LN

JOE LEWIS ROAD

SIMS ROAD

DAYLILY DRIVE

PROPOSED SSMH
TC 936.50
IE 929.50

CONNECT SERVICE LATERALS TO NEW MANHOLE WITH CORE & BOOT. LATERALS TO BE 6" PVC @ 1.0% MIN. SLOPE

PUBLIC WATER MAIN, UNDER CONSTRUCTION BY OTHERS. REF. TO KUB PLANS, TYP. (NOT IN CONTRACT)

BUILDING CONNECTION, TYP. (7/C4)

INSTALL 4" METER, METER BOX (NOT IN CONTRACT), TYP.

4" RPZ BACKFLOW DEVICE PER KUB SECTION 02519. LOCATE WITHIN HOT BOX, TYP.

INLET SEDIMENT CONTROL DEVICE, TYP. (1/C4)

2" BLOWOFF – 2" HDPE MAIN, TYP.

4" HDPE VALVE

VALVE BOX, TYP. (6/C4)

BLDG 4604 FFE:975.60' FFE:975.60'

BLDG 4608 FFE:976.60' FFE:976.60'

BLDG 4616 FFE:936.50' FFE:936.50'

BLDG 4700 FFE:959.50'

BLDG 4708 FFE:974.50' FFE:976.50'

BLDG 4712 FFE:975.45'

BLDG 4716 FFE:975.60'

BLDG 1200 FFE:971.40' FFE:971.40'

BLDG 1204 FFE:969.40' FFE:969.40' FFE:961.40'

BLDG 1205 FFE:940.50'

BLDG 1216 FFE:929.50' FFE:931.50'

BLDG 1220 FFE:947.85' FFE:929.85'

BLDG 1128 FFE:939.30' FFE:941.30'

BLDG 1131 FFE:939.45'

BLDG 1140 FFE:959.40' FFE:961.40'

BLDG 1144 FFE:969.40' FFE:971.40' FFE:971.40'

BLDG 1156 FFE:939.55' FFE:940.85' FFE:940.55'

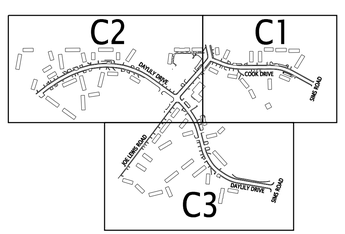
BLDG 1204 FFE:937.50' FFE:938.50'

BLDG 1116 FFE:927.30' FFE:931.30'

BLDG 1120 FFE:937.40' FFE:939.40' FFE:941.40'

GENERAL NOTES:

1. REFER TO SHEET C1 FOR NOTES AND LEGEND.



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JAMES L. SMITH II — REGISTERED LANDSCAPE ARCHITECT — No. 109821 — STATE OF TENNESSEE — 4-27-10

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Sheet Title

PROPOSED PRIVATE SITE WATER AND SANITARY SEWER IMPROVEMENTS

Project Number	Sheet Number
09029	C3
Date	
4/27/10	