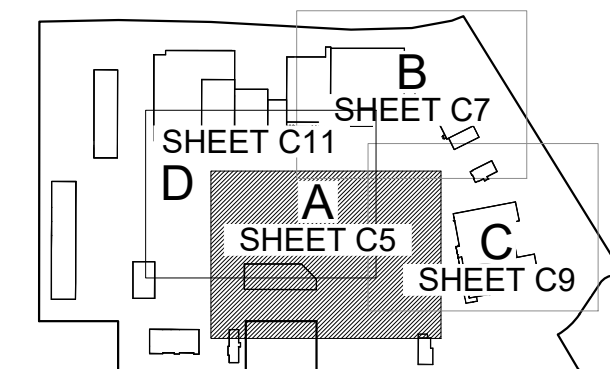
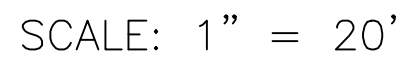


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3. SEE SIGNAGE PLAN BY OTHER FOR EXACT SIZE AND HEIGHT OF SIGNS, INCLUDING BUILDING SIGNAGE. SIGNAGE SHALL BE PERMITTED SEPARATELY.

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4. G.C. SHALL OBTAIN A CURRENT PRESSURE TEST UPON CONNECTION OF THE WATER SERVICE TO THE MAIN AND INSTALL A PRESSURE REDUCING VALVE IN ACCORDANCE WITH DETAIL RV-3 IF NECESSARY TO MEET TENANT REQUIREMENTS.
5. LIGHT POLE LOCATIONS ARE PRELIMINARY AND SUBJECT TO FINAL PHOTO-METRIC DESIGN. NEW LIGHT POLES SHALL NOT EXCEED 30 FEET IN HEIGHT.



Date \_\_\_\_\_

Date \_\_\_\_\_



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## PHASE II

## AREA A

SHAWSVILLE MAGISTERIAL DISTRICT  
TOWN OF CHRISTIANBURG, VIRGINIA

DRAWN BY JR  
DESIGNED BY JR  
CHECKED BY SM  
DATE 5/1/19  
SCALE 1" = 20'  
REVISIONS  
6/1/19  
8/14/19  
12/4/19  
8/1/2020 

PROJECT NO 24190024.00

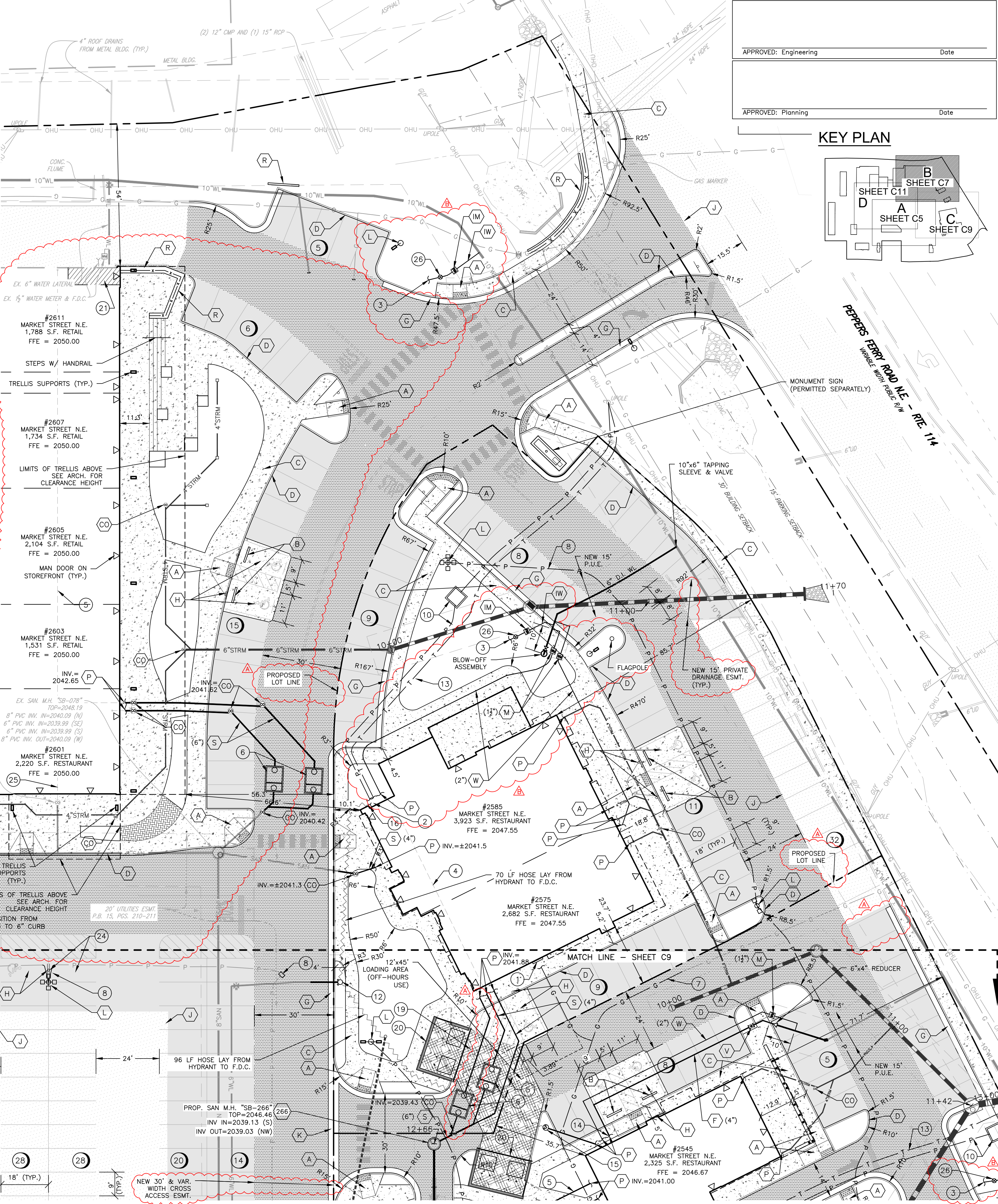
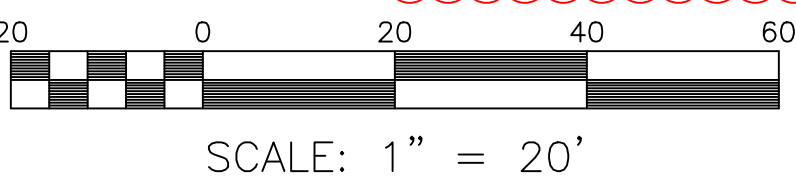
# C5



- KEY NOTES**
- GAS METER OR GAS METER MANIFOLD (PROVIDE 1 METER PER TENANT SPACE). CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH ATMOS ENERGY REGARDING THE SIZE AND INSTALLATION OF THE GAS SERVICE LINES AND METERS IN ACCORDANCE WITH TENANT REQUIREMENTS.
  - ELECTRIC METER OR METER CENTER (PROVIDE 1 METER PER TENANT SPACE).
  - CONNECTION TO IRRIGATION SYSTEM BY IRRIGATION CONTRACTOR.
  - 6" GREASE WASTE LINE. WHERE LATERAL SERVES MULTIPLE TENANT SPACES, EXTEND PIPING UNDER SLAB WITH A MINIMUM DEPTH OF 30" BELOW FINISHED FLOOR AT EACH TENANT SPACE.
  - 6" NON-GREASE WASTE LINE. WHERE LATERAL SERVES MULTIPLE TENANT SPACES, EXTEND PIPING UNDER SLAB WITH A MINIMUM DEPTH OF 30" BELOW FINISHED FLOOR AT EACH TENANT SPACE.
  - 1,500 GALLON GREASE INTERCEPTOR. GREASE INTERCEPTOR AND MANHOLE COVERS SHALL BE H-20 TRAFFIC RATED.
  - GAS SERVICE LINE. CONTRACTOR SHALL CONFIRM FINAL LOCATION OF CONNECTION TO MAIN AND COORDINATE INSTALLATION WITH ATMOS ENERGY.
  - INSTALL PVC CONDUIT AS NECESSARY FOR ELECTRICAL SERVICE TO SITE LIGHTING. INSTALL TRAFFIC RATED ELECTRICAL PULL BOXES AS NECESSARY.
  - INSTALL PVC CONDUIT AS NECESSARY FOR ELECTRIC SERVICE. APPROXIMATE LOCATION OF SERVICE LINE. G.C. SHALL CONFIRM FINAL LOCATION WITH SERVICE PROVIDER PRIOR TO COMMENCEMENT OF SITE WORK.
  - APPROXIMATE LOCATION OF TRANSFORMER AND ELECTRIC SERVICE LINE. CONTRACTOR SHALL CONFIRM FINAL LOCATION AND SIZE OF TRANSFORMER AND SERVICE LINE PRIOR TO COMMENCEMENT OF WORK.
  - RELOCATED SERVICE PANEL FOR PARKING LOT LIGHTING. COORDINATE INSTALLATION WITH AEP.
  - RELOCATED FIRE HYDRANT ASSEMBLY.
  - INSTALL PVC CONDUIT AS NECESSARY FOR TELECOM. APPROXIMATE LOCATION OF SERVICE LINE. G.C. SHALL CONFIRM FINAL LOCATION WITH TELECOM PROVIDER PRIOR TO COMMENCEMENT OF SITE WORK.
  - PROVIDE REDUCER IF NECESSARY TO CONNECT TO BUILDING FIRE SPRINKLER LINE SIZE. BACKFLOW PREVENTER DEVICE REQUIRED.
  - FREE-STANDING YARD FIRE DEPARTMENT CONNECTION. CONNECT TO BUILDING SPRINKLER SYSTEM.
  - BUILDING MOUNTED FIRE DEPARTMENT CONNECTION.
  - DRIVE THRU CLEARANCE BAR BY TENANT. PROVIDE FOUNDATION AND CONDUIT TO LOCATION. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH TENANT.
  - DRIVE THRU ORDER BOARD BY TENANT. PROVIDE FOUNDATION AND CONDUIT TO LOCATION. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH TENANT.
  - DUMPSTER ENCLOSURE CONCRETE SHALL BE 6" THICK REINFORCED CONCRETE.
  - MASONRY DUMPSTER ENCLOSURE W/ METAL GATES AND PEDESTRIAN ACCESS. SEE DETAILS.
  - FIRE SPRINKLER CONTROL ROOM AND ROOF ACCESS WITH EXTERIOR DOOR. PROVIDE SIGNAGE ON DOOR VISIBLE FROM PARKING LOT.
  - INSTALL CART CORRAL AND PERMANENTLY ANCHOR TO GROUND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. RTS COMPANIES PART NUMBER 4031-00500A-XX-00 COLOR RED OR EQUAL APPROVED BY TENANT.
  - INSTALL BIKE RACK AND PERMANENTLY ANCHOR TO GROUND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. ULINE PART NUMBER H-2544BL 5-LOOP WAVE STYLE BIKE RACK OR EQUAL APPROVED BY TENANT.
  - EXPECTANT MOTHER/NEW FAMILY PARKING. TENANT TO PROVIDE SIGNS. CONTRACTOR TO PROVIDE AND INSTALL BASE.
  - EXISTING BUILDING SANITARY SEWER TO REMAIN TO SERVE UNITS #2609-#2625. SEE ARCHITECTURAL PLANS.
  - 1" RPZ TYPE BACKFLOW PREVENTER IN ABOVE GRADE ENCLOSURE (DEKORRA OR EQUIVALENT). INSTALLATION OF A RPZ DEVICE IN A PIT OR SUBSURFACE BOX IS PROHIBITED. DEVICE SHALL BE TESTED AND APPROVED PRIOR TO BEING PLACED IN SERVICE. COORDINATE PERMITTING WITH TOWN OF CHRISTIANBURG.

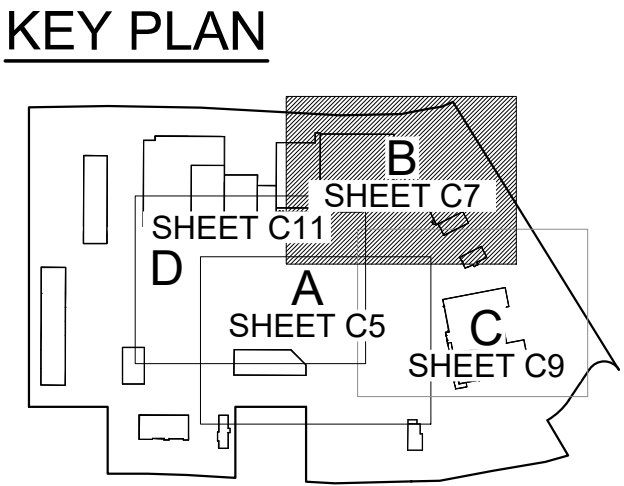
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- LEGEND**
- |  |                                  |
|--|----------------------------------|
| (A) CG-12 CURB RAMP                                | (S) STANDARD DUTY ASPHALT PAVING |
| (B) PARKING BUMPER BLOCK                           | (T) HEAVY DUTY ASPHALT PAVING    |
| (C) CONCRETE SIDEWALK                              | (U) PAVEMENT MILL & OVERLAY      |
| (D) 6" WIDE UNO                                    | (V) CONCRETE SIDEWALK            |
| (E) CLEANOUT                                       | (W) HEAVY DUTY CONCRETE PAVING   |
| (F) CG-2 CURB                                      | (X) THICKNESS AS NOTED           |
| (G) DUMPSTER ENCLOSURE                             |                                  |
| (H) FIRE SERVICE LATERAL                           |                                  |
| (I) TOWN OF CHRISTIANBURG                          |                                  |
| (J) UTILITY CONTRACTOR                             |                                  |
| (K) EXISTING                                       |                                  |
| (L) CG-4 CURB AND GUTTER                           |                                  |
| (M) HANDICAP PARKING & SIGN                        |                                  |
| (N) PAVEMENT JOINT                                 |                                  |
| (O) CONCRETE APRON                                 |                                  |
| (P) LIGHT POLE (EXISTING POLE & FIXTURE RELOCATED) |                                  |
| (Q) WATER METER                                    |                                  |
| (R) SIZE AS NOTED                                  |                                  |
| (S) TOWN OF CHRISTIANBURG                          |                                  |
| (T) UTILITY CONTRACTOR                             |                                  |
| (U) EXISTING                                       |                                  |
| (V) CG-9D ENTRANCE APRON                           |                                  |
| (W) BACKFLOW PREVENTER IN MANHOLE                  |                                  |
| (X) SIZE AS NOTED                                  |                                  |
| (Y) CONNECTION BY PLUMBER                          |                                  |
| (Z) FIRE HYDRANT ASSEMBLY                          |                                  |
| (AA) SEGMENTAL BLOCK RETAINING WALL                |                                  |
| (AB) (DESIGN BY OTHERS, PROVIDE RAILING PER CODE)  |                                  |
| (AC) SEWER LATERAL                                 |                                  |
| (AD) SIZE AS NOTED                                 |                                  |
| (AE) UTILITY CONTRACTOR                            |                                  |
| (AF) EXISTING                                      |                                  |
| (AG) WATERLINE BLOWOFF ASSEMBLY                    |                                  |
| (AH) POST INDICATOR VALVE                          |                                  |
| (AI) WATER LATERAL                                 |                                  |
| (AJ) SIZE AS NOTED                                 |                                  |
| (AK) TOWN OF CHRISTIANBURG                         |                                  |
| (AL) UTILITY CONTRACTOR                            |                                  |
| (AM) EXISTING                                      |                                  |
- NOTE:**  
ALL WATER AND SEWER APPURTENANCES NOTED IN THE LEGEND SHALL BE INSTALLED PER TOWN SPECIFICATIONS USING PREFERRED PRODUCTS.
- (IW) IRRIGATION WATER METER (50")  
X TOWN OF CHRISTIANBURG  
X UTILITY CONTRACTOR  
X EXISTING
- (WL) IRRIGATION WATER LATERAL (3/4")  
X TOWN OF CHRISTIANBURG  
X UTILITY CONTRACTOR  
X EXISTING



APPROVED: Engineering \_\_\_\_\_ Date \_\_\_\_\_

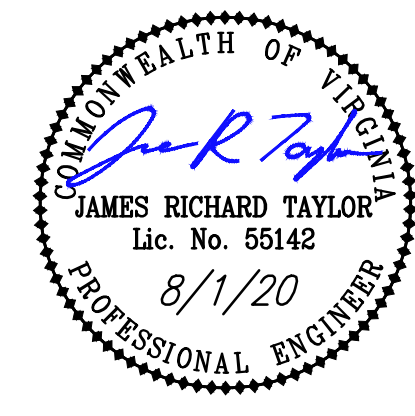
APPROVED: Planning \_\_\_\_\_ Date \_\_\_\_\_



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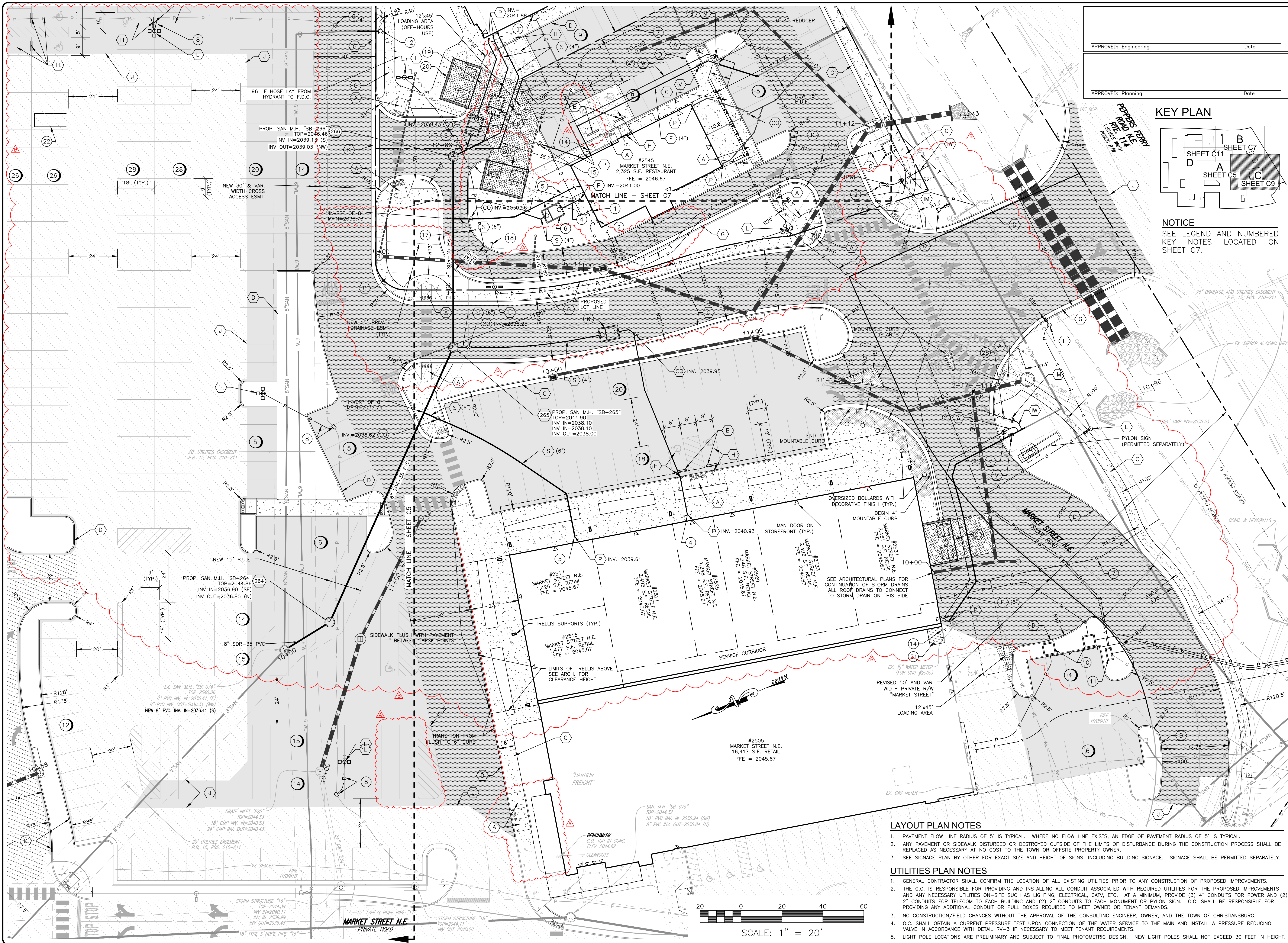
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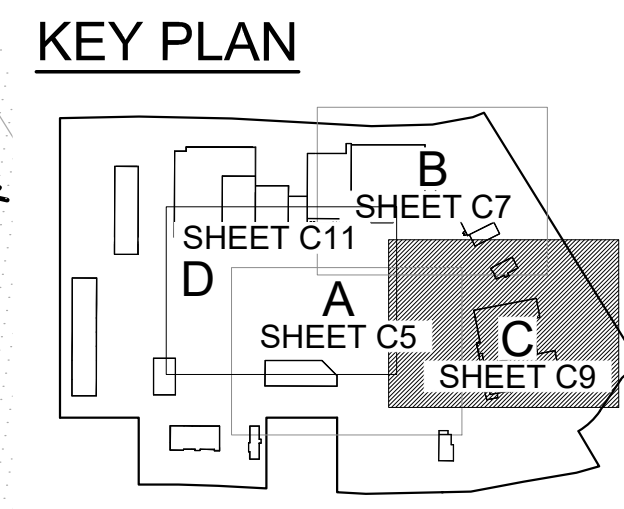
**MARKET PLACE REDEVELOPMENT  
PHASE II  
LAYOUT & UTILITIES PLAN  
AREA B**

DRAWN BY	JRT
DESIGNED BY	JRT
CHECKED BY	SMS
DATE	5/1/19
SCALE	1" = 20'
REVISIONS	
6/1/19	
8/14/19	
12/4/19	
8/1/2020	





APPROVED: Engineering	Date
APPROVED: Planning	Date



**NOTICE**  
SEE LEGEND AND NUMBERED KEY NOTES LOCATED ON SHEET C7.

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Christiansburg, VA 24073  
540.381.4290

**JAMES RICHARD TAYLOR**  
Lic. No. 55142  
8/1/20  
PROFESSIONAL ENGINEER

**MARKET PLACE REDEVELOPMENT  
PHASE II  
LAYOUT & UTILITIES PLAN  
AREA C**

DRAWN BY	JRT
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DATE	5/1/19
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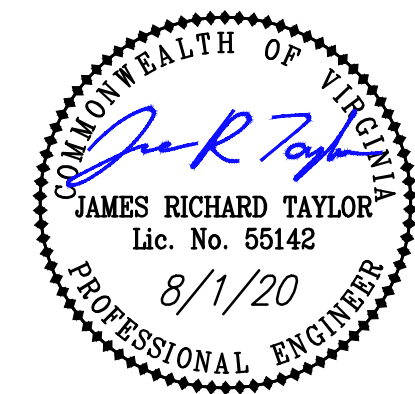




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C11

PROJECT NO 24190024.00