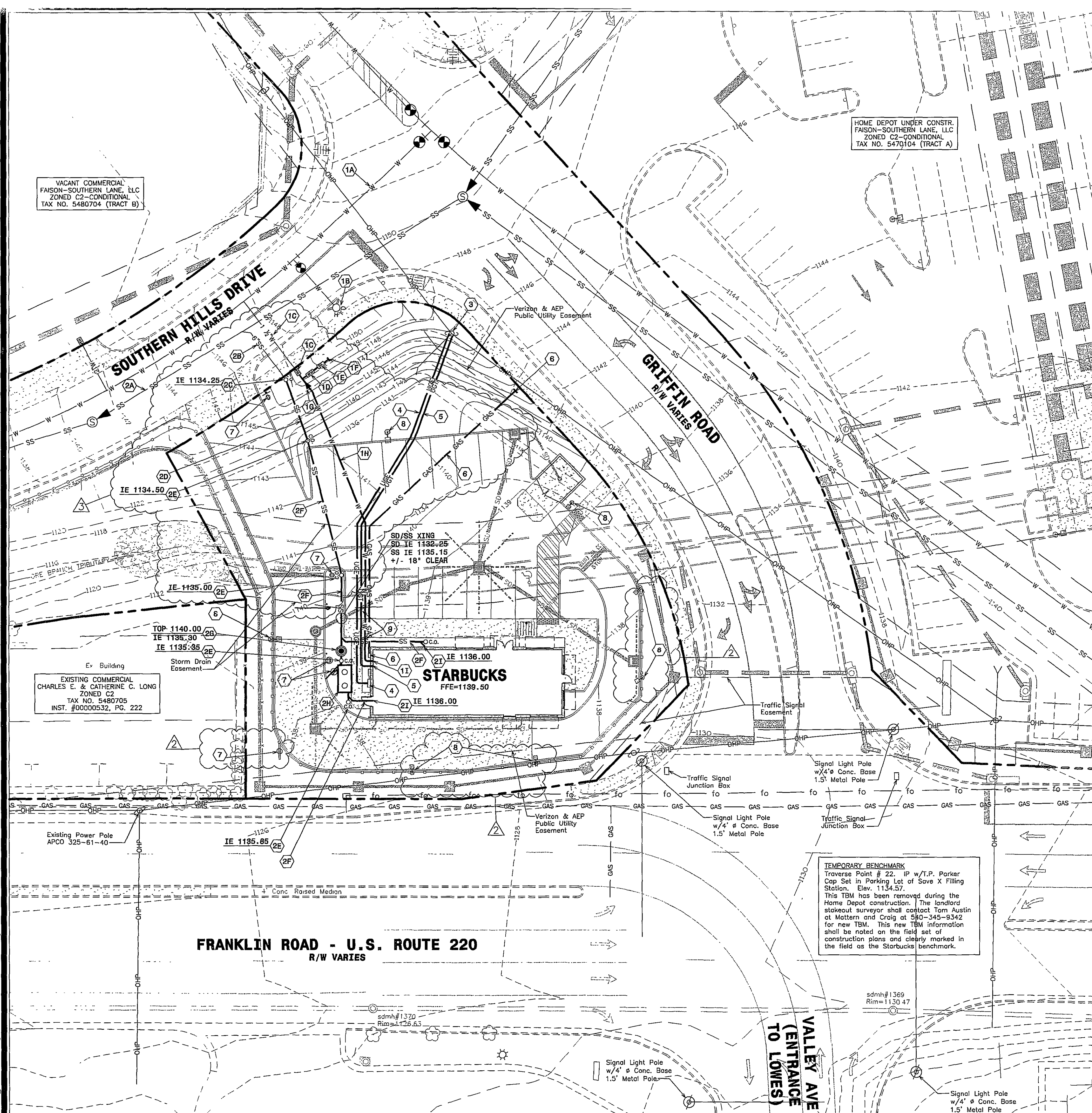


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PROJECT UTILITY CONTACTS

WATER/SANITARY

WESTERN VIRGINIA WATER AUTHORITY
601 SOUTH JEFFERSON STREET, SUITE 300
ROANOKE, VA 24011
PHONE: 540-853-1588
FAX: 540-853-1017
EMAIL: jamie.morris@westernvawater.org
CONTACT: JAMIE MORRIS

NATURAL GAS

ROANOKE GAS COMPANY
P.O. BOX 2021
ROANOKE, VA 24030
PHONE: 540-777-3851
FAX: 540-777-3916
EMAIL: don.jones@roanokegas.com
CONTACT: DONALD JONES

ELECTRIC

AMERICAN ELECTRIC POWER
P.O. BOX 2021
ROANOKE, VA 24012
PHONE: 540-427-3664
FAX:
EMAIL:
CONTACT: MARTIN MCGHEE

TELEPHONE/DSL

VERIZON
4843 OAKLAND BOULEVARD
ROANOKE, VA 24012
PHONE: 540-265-7578
FAX:
EMAIL: michael.d.slusher@verizon.com
CONTACT: MIKE SLUSHER

STORMWATER

CITY OF ROANOKE
ENGINEERING DIV. OF THE DEPT. OF PUB. WORKS
215 CHURCH AVENUE, ROOM 350
ROANOKE, VA 24011
PHONE: 540-853-2731
FAX: 540-853-1364
EMAIL: phil.schirmer@roanokeva.gov
CONTACT: PHIL SCHIRMER

FIRE DEPARTMENT

CITY OF ROANOKE
FIRE-EMS DEPARTMENT
541 LUCK AVENUE, SUITE 120
ROANOKE, VA 24016
PHONE: 540-853-2327
FAX: 540-853-1172
EMAIL: daniel.rake@roanokeva.gov
CONTACT: DANIEL RAKE



MAP NOTE:

ALL EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS HAS BEEN TAKEN FROM THE "SITE DEVELOPMENT PLANS FOR HOME DEPOT", PREPARED FOR FAISON BY MATTERN & CRAIG. NO SITE SPECIFIC BOUNDARY OR TOPOGRAPHIC SURVEY HAS BEEN PERFORMED FOR THIS PROJECT AT THE TIME OF THESE PLANS. SOME ITEMS NOTED AS EXISTING ARE ITEMS THAT ARE PROPOSED TO BE CONSTRUCTION BY FAISON CONTRACTOR AND ARE INTENDED TO BE COMPLETE AT THE COMMENCEMENT OF THE STARBUCKS SITE CONSTRUCTION WORK.

CONTRACTOR NAMING CONVENTION:

FOR THE PURPOSES OF THESE SITE DEVELOPMENT PLANS, THE FOLLOWING NAMING CONVENTION IS USED TO DISTINGUISH BETWEEN THE DIFFERENT CONTRACTORS WORKING ON THIS PROJECT.

FAISON CONTRACTOR: SHALL REFER TO THE GENERAL CONTRACTOR AND ALL ASSOCIATED SUB-CONTRACTORS HIRED BY EITHER FAISON OR HOME DEPOT, PRIMARILY FOR THE SHOPPING CENTER CONSTRUCTION, BUT PERFORMING SOME EARLY GRADING AND UTILITY WORK ON THIS SITE.

LANDLORD CONTRACTOR: SHALL REFER TO THE GENERAL CONTRACTOR AND ALL ASSOCIATED SUB-CONTRACTORS HIRED BY MOSELEY REA PRIMARILY FOR THE SITE WORK AND BUILDING SHELL CONSTRUCTION ASSOCIATED WITH THIS SITE.

TENANT CONTRACTOR: SHALL REFER TO THE GENERAL CONTRACTOR AND ALL ASSOCIATED SUB-CONTRACTORS HIRED BY STARBUCKS PRIMARILY FOR TENANT UPFIT CONSTRUCTION RELATED TO THIS SITE AND BUILDING.

UTILITY PLAN KEY NOTES:

- 1A. EXISTING 12" PUBLIC WATER MAIN.
- 1B. EXISTING FIRE HYDRANT.
- 1C. EXISTING 1 1/2" DOMESTIC WATER SERVICE. WATER METER WILL NOT BE IN PLACE AT THE COMMENCEMENT OF STARBUCKS SITE CONSTRUCTION. WESTERN VIRGINIA WATER AUTHORITY (WVWA) WILL INSTALL A 1 1/2" METER AS PART OF THE STARBUCKS CONSTRUCTION.
- 1D. 1" SEWER SUBTRACTION METER. SEE DETAIL W-06.
- 1E. 1" RPZ IRRIGATION BACKFLOW PREVENTOR. SEE DETAIL W-06.
- 1F. TERMINATE IRRIGATION SERVICE. MARK LOCATION FOR EXTENSION BY LANDLORD IRRIGATION CONTRACTOR. IRRIGATION PIPING FROM THE CONNECTION TO THE DOMESTIC SERVICE TO THE TERMINATION POINT SHALL BE 1" TYPE 'K' COPPER.
- 1G. 1 1/2" x 2" REDUCER.
- 1H. 2" TYPE 'K' COPPER DOMESTIC WATER PIPING.
- 1I. DOMESTIC WATER SERVICE ENTRY POINT. REFER TO THE LANDLORD AND TENANT BUILDING PLUMBING PLANS FOR EXACT LOCATION AND CONTINUATION. PER THE CITY OF ROANOKE CROSS CONNECTION INSPECTOR, THE DOMESTIC WATER SERVICE DOES NOT REQUIRE A BACKFLOW PREVENTOR SO LONG AS ALL EQUIPMENT HAS ADEQUATE POINT-SOURCE BACKFLOW PREVENTION MEETING CODE REQUIREMENTS.
- 2A. EXISTING 12" PUBLIC SANITARY SEWER MAIN.
- 2B. EXISTING 6" SANITARY SEWER LATERAL.
- 2C. CONNECT NEW SANITARY SEWER SERVICE TO EXISTING LATERAL AT EXISTING CLEAN-OUT.
- 2D. 6" D.I.P. SANITARY SEWER SERVICE PIPING @ 1.00%.
- 2E. 6" PVC SANITARY SEWER CLEAN-OUT. INVERT AS SHOWN. TOP SHALL BE FLUSH WITH FINISHED PAVING GRADES. SEE DETAILS S-08 AND S-13.
- 2F. 6" PVC SANITARY SEWER SERVICE PIPING @ 1.00%.
- 2G. SANITARY SEWER SAMPLING STRUCTURE. SEE DETAIL S-07.
- 2H. 1000 GALLON GREASE TRAP. SEE LANDLORD BUILDING PLUMBING PLANS FOR SIZE, DETAILS AND VENTING REQUIREMENTS. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL FORWARD SHOP DRAWINGS OF THE GREASE INTERCEPTOR TO CASSIE ALTICE, 601 S. JEFFERSON STREET, SUITE 300, ROANOKE, VA 24011. GREASE INTERCEPTORS MUST BE EXAMINED AND APPROVED BY AN AUTHORITY INSPECTOR PRIOR TO INSTALLATION. FOURTY- EIGHT (48) HOURS PRIOR TO INSTALLATION, CONTRACTOR SHALL CALL (540) 853-5690 TO SCHEDULE INSPECTION. WATER SERVICES WILL NOT BE PROVIDED UNTIL GREASE INSPECTOR INSTALLATION IS APPROVED BY THE AUTHORITY.
- 2I. SANITARY SEWER AND GREASE WASTE SERVICE ENTRY POINTS. REFER TO THE LANDLORD AND TENANT BUILDING PLUMBING PLANS FOR EXACT LOCATION AND CONTINUATION.
3. EXISTING UTILITY POLE.
4. UNDERGROUND ELECTRIC SERVICE. SERVICE SHALL BE 400 AMP, 120/208 VOLT, 3 PHASE, 4 WIRE. LANDLORD CONTRACTOR SHALL PROVIDE AND INSTALL (2)-4" CONDUITS WITH PULL STRINGS FROM EXISTING UTILITY POLE TO BUILDING MOUNTED CT CABINET. CONDUITS SHALL BE GREY SCHEDULE 40 PVC WITH LONG RADIUS BENDS, BURIED 36" MINIMUM. LANDLORD CONTRACTOR SHALL PROVIDE AND INSTALL CT CABINET. AMERICAN ELECTRIC POWER (AEP) WILL PROVIDE AND INSTALL POLE MOUNTED TRANSFORMERS AS NECESSARY. SECONDARY WIRING FROM POLE TO CT CABINET, THE CT AND METER BASE. LANDLORD CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ELECTRIC SERVICE WITH LANDLORD, TENANT, TENANT CONTRACTOR AND AEP. REFER TO LANDLORD AND TENANT BUILDING ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
5. UNDERGROUND TELEPHONE/DSL SERVICE. LANDLORD CONTRACTOR SHALL PROVIDE AND INSTALL (1)-4" PVC CONDUIT WITH PULL STRING FROM EXISTING UTILITY POLE TO A POINT INSIDE THE BUILDING AS SHOWN ON THE LANDLORD OR TENANT BUILDING PLANS. LANDLORD CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF TELEPHONE/DSL SERVICE WITH LANDLORD, TENANT, TENANT CONTRACTOR AND VERIZON.
6. NATURAL GAS SERVICE. SERVICE SHALL BE PER LANDLORD AND TENANT BUILDING PLUMBING PLANS. ROANOKE GAS COMPANY (RGC) WILL PROVIDE AND INSTALL SERVICE PIPING FROM THE MAIN TO THE METER, MAKE THE CONNECTION AT THE MAIN, AND PROVIDE AND SET THE METER. LANDLORD PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THE PIPING FROM THE METER TO A POINT INSIDE THE BUILDING AS SHOWN ON THE LANDLORD OR TENANT BUILDING PLUMBING PLANS. LANDLORD CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF NATURAL GAS SERVICE WITH LANDLORD, TENANT, TENANT CONTRACTOR AND RGC.
7. TENANT SIGNS, ORDER BOARD, ETC. LANDLORD CONTRACTOR SHALL INSTALL ALL NECESSARY CONDUITS FOR POWER AND COMMUNICATION TO THESE ITEMS INCLUDING THE DETECTOR LOOP IN THE DRIVE-THRU CONCRETE. REFER TO LANDLORD AND TENANT BUILDING PLANS FOR ADDITIONAL INFORMATION REGARDING SIZE AND ROUTING OF THESE CONDUITS. REFER TO SHEETS C16, C17, RECO-1, RECO-2 AND RECO-3 FOR INSTALLATION GUIDELINES FOR THESE CONDUITS WITH REGARD TO EXISTING RETAINING WALL REINFORCEMENT.
8. SITE LIGHTING FIXTURE. LANDLORD CONTRACTOR SHALL INSTALL ALL NECESSARY CONDUITS FOR POWER AND CONTROL OF THESE FIXTURES. REFER TO SITE LIGHTING PLAN FOR FIXTURE INFORMATION AND TO LANDLORD AND TENANT BUILDING ELECTRICAL PLANS FOR INFORMATION REGARDING SIZE AND ROUTING OF THESE CONDUITS. REFER TO SHEETS C16, C17, RECO-1, RECO-2 AND RECO-3 FOR INSTALLATION GUIDELINES FOR LIGHT POLE FOUNDATIONS AND FOR CONDUITS WITH REGARD TO EXISTING RETAINING WALL REINFORCEMENT.
9. MAINTAIN 18" VERTICAL CLEARANCE AT UTILITY CROSSING.

GRAPHIC SCALE 1" = 20'

NOTE: THIS SCALE APPLIES ONLY FOR 24"x36" SHEETS

COMMERCIAL ENGINEER
ALAN J. JONES
PROFESSIONAL ENGINEER

DESIGN
PROFESSIONAL ENGINEER

HUSSEY, GAY BELL & DEYOUNG, INC.
OF SOUTH CAROLINA
CONSULTING ENGINEERS
474 WANDO PARK BOULEVARD
SUITE 201 (2B464)
MT. PLEASANT, SC 29465
TEL (843) 949-7500
www.hgd.com

STARBUCKS COFFEE SHOP
FRANKLIN ROAD & SOUTHERN HILLS DRIVE
CITY OF ROANOKE, VIRGINIA
MOSELEY REA
FOR
SITE UTILITY PLAN

DRAWING NUMBER
C8