

# LYNCHBURG JUVENILE SERVICES GROUP HOME

CITY PROJECT NO: B0158  
ENGINEERING PROJECT NO: 10043-BG

1401 FLORIDA AVENUE  
LYNCHBURG, VIRGINIA

FOR CONSTRUCTION  
FEBRUARY 03, 2015



VIRGINIA A&E, PLLC  
1115 VISTA PARK DRIVE  
FOREST, VA 24551  
PHONE: (434) 316-6001



## CITY OF LYNCHBURG

**Lynchburg City Council (Current)**  
Michael A. Gillette, Mayor  
Cesar T. Johnson, Vice Mayor  
Joan F. Foster  
Jeff S. Helgeson  
J. Randolph "Randy" Nelson  
Edgar J.T. Perrow, Jr.  
Trenay Tweedy

**Lynchburg City Council (Prior)**  
Michael A. Gillette, Mayor  
Cesar T. Johnson, Vice Mayor  
Hudson "H" Cary, III  
Joan F. Foster  
Jeff S. Helgeson  
J. Randolph "Randy" Nelson  
Edgar J.T. Perrow, Jr.

**Lynchburg City Manager**  
L. Kimball "Kim" Payne, III, City Manager  
Bonnie Svrcak, Deputy City Manager

**Lynchburg City Project Team**  
Tamara Rosser, Director, Department of Human Services  
Dan Fallen, Assistant Director, Department of Human Services, Juvenile Services Division  
Dee Dee Conner, Principal City Engineer, Project Manager

## GENERAL NOTES:

- THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED FOR USE AS FABRICATION DRAWINGS. THESE DRAWINGS INDICATE THE GENERAL AND APPROXIMATE SIZE AND LOCATION OF MATERIAL. FIELD VERIFY ALL DIMENSIONS AND LOCATIONS PRIOR TO BEGINNING WORK. ALL UTILITIES NOTED ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL FIELD VERIFY LOCATION.
- ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS, INCLUDING, BUT NOT LIMITED TO, THE 2009 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (MARCH 1, 2011) AND ASSOCIATED CODES OF REFERENCE. REFER TO APPLICABLE CODES LIST THIS DRAWING.
- CONTRACTOR SHALL OBTAIN ALL BUILDING, TRADE, LAND DISTURBING, AND E&S PERMITS FOR CONSTRUCTION. HOWEVER, THE CITY OF LYNCHBURG SHALL WAIVE ALL FEES REQUIRED FOR BUILDING AND LAND DISTURBING PERMITS.
- ALL MATERIAL SHALL BE NEW UNLESS OTHERWISE NOTED. MATERIALS ARE BASED ON THE INDICATED MANUFACTURER'S MODELS AND ARE INTENDED ONLY TO SHOW THE GENERAL SIZE, CONFIGURATION, LOCATION, CONNECTIONS, AND SUPPORT FOR INDICATED MATERIAL WITH RELATION TO OTHER BUILDING SYSTEMS. MATERIAL BY ANY PRE-APPROVED MANUFACTURER THAT MEETS THE SCHEDULED CRITERIA IS ACCEPTABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ACTUAL INSTALLED MATERIAL AND ASSOCIATED CHANGES.
- CONTRACTOR SHALL COORDINATE THE WORK WITH EXISTING CONDITIONS, INCLUDING BEAMS, COLUMNS, SITE FEATURES, AND OTHER OBSTRUCTIONS, WHETHER OR NOT SUCH IS SHOWN ON DRAWINGS.
- CONTACT MISS UTILITY AT 811-1-800-552-7001, OR [HTTP://WWW.MISSUTILITYOFVIRGINIA.COM](http://www.missutilityofvirginia.com), NO LESS THAN 72 HOURS PRIOR TO EXCAVATION AND DO NOT DISTURB THE SOIL UNTIL DIG TICKET HAS BEEN PROCESSED.
- CONTRACTOR SHALL COORDINATE THE WORK BETWEEN ALL TRADES. MATERIAL LOCATIONS SHALL BE COORDINATED BETWEEN CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, AND DEMOLITION PLANS TO AVOID CONFLICTS.
- EXISTING MATERIAL TO BE REMOVED SHALL BE REMOVED CAREFULLY TO AVOID DAMAGING MATERIAL TO REMAIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE THAT OCCURS TO EXISTING MATERIAL TO REMAIN OR TO BE RELOCATED DURING DEMOLITION AND CONSTRUCTION.
- CONTRACTOR SHALL ADVISE THE A/E IMMEDIATELY OF DISCREPANCIES FOUND ON THE DRAWINGS, IN THE SPECIFICATIONS, OR BETWEEN THE TWO. MINOR DEVIATIONS FROM THE PLANS MAY BE MADE TO AVOID MINOR CONFLICTS. WHERE MAJOR CONFLICTS ARE ENCOUNTERED, THE AFFECTED WORK SHALL NOT BE INSTALLED UNTIL THE CONFLICT HAS BEEN RESOLVED. NEITHER THE A/E NOR THE OWNER SHALL BE RESPONSIBLE FOR CONSEQUENCES OF PROCEEDING WITH WORK BASED ON CONTRACTOR INTERPRETATION OR ON DIRECTION FROM OTHER PARTIES, INCLUDING THE OWNER AND INSPECTORS.
- ALL MATERIAL SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, MAINTAINING ALL REQUIRED CLEARANCES AND WITH ALL COMPONENTS ACCESSIBLE AND SERVICEABLE.
- CONTRACTOR SHALL PROVIDE MATERIAL DATA SUBMITTALS FOR ALL NEW MATERIAL. REFER TO INDIVIDUAL SHEETS FOR ADDITIONAL SUBMITTAL REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE A SUBMITTAL SCHEDULE WITHIN 30 DAYS OF AWARD OF CONTRACT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ASSEMBLING OPERATION AND MAINTENANCE MANUALS CONTAINING ALL MATERIAL SUBMITTALS, INSTALLATION AND OPERATING INSTRUCTIONS, AND WARRANTY INFORMATION. THREE (3) HARD COPIES AND TWO (2) ELECTRONIC (PDF) COPIES OF O&M MANUALS SHALL BE SUBMITTED TO THE A/E.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A SET OF AS-BUILT DRAWINGS ON SITE WHICH INDICATE IN RED ALL DEVIATIONS FROM ORIGINAL CONSTRUCTION DOCUMENTS, INCLUDING APPROVED CONSTRUCTION CHANGE ORDERS. SITE WORK AND CITY OWNED UTILITY AS-BUILTS SHALL BE IN ACCORDANCE WITH SECTION 1000 OF THE CITY OF LYNCHBURG MANUAL OF SPECIFICATIONS AND STANDARD DETAILS. AS-BUILT DRAWINGS SHALL BE CLEARLY LEGIBLE AND COMPLETE.
- CONTRACTOR SHALL KEEP PUBLIC AREAS FREE OF TRASH AND CONSTRUCTION DEBRIS AND CLEAN ENTIRE WORK AREA ON A DAILY BASIS.
- CONTRACTOR SHALL VISIT THE SITE TO BECOME FAMILIAR WITH THE SCOPE OF WORK AND TO VERIFY EXISTING CONDITIONS PRIOR TO BIDDING THIS PROJECT. ANY DISCREPANCIES OR AMBIGUOUS ITEMS MUST BE REPORTED TO THE A/E AND THE OWNER FOR CLARIFICATION PRIOR TO BIDDING.
- CONTRACTOR SHALL PROTECT THE BUILDING, ADJACENT FEATURES, ROADWAYS, WALKWAYS, SITE IMPROVEMENTS, EXTERIOR PLANTINGS, LANDSCAPING, ETC. AS REQUIRED FROM DAMAGE AND CORRECT DAMAGE RESULTING FROM CONSTRUCTION ACTIVITIES TO THE SATISFACTION OF THE OWNER.
- CONTRACTOR SHALL COLLECT DEMOLISHED MATERIALS AND PLACE IN APPROPRIATE DISPOSAL CONTAINERS. DEMOLISHED MATERIALS SHALL BE PROMPTLY REMOVED FROM THE OWNER'S PROPERTY AND DISPOSED OF LEGALLY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SITE SECURITY FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL PROVIDE CONSTRUCTION FENCING AROUND PERIMETER OF WORK AREA.
- CONTRACTOR SHALL PROVIDE PRE-DEMOLITION PHOTOGRAPHIC OR VIDEOGRAPHIC DOCUMENTATION TO SHOW EXISTING CONDITIONS OF FINISHED SURFACES IN WORK AREA AND ADJOINING CONSTRUCTION INCLUDING SITE STORAGE AND ACCESS AREAS PRIOR TO PRE-CONSTRUCTION MEETING AND A MINIMUM OF 10 WORKING DAYS PRIOR TO COMMENCEMENT OF WORK. DOCUMENTATION SHALL BE PERFORMED TO THE MINIMUM STANDARDS OF SECTION 1000 OF THE CITY OF LYNCHBURG MANUAL OF SPECIFICATIONS AND STANDARD DETAILS.
- CONTRACTOR SHALL NOTIFY OWNER OF ANY INTERRUPTION OF UTILITIES INCLUDING BUT NOT LIMITED TO POWER, WATER, COMMUNICATIONS, ETC AND COORDINATE OUTAGE WITH OWNER AND ALL BUILDING TENANTS.
- ANY ROAD/PARKING LOT CLOSURE SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE VIRGINIA WORK AREA PROTECTION MANUAL AND MUST BE APPROVED BY THE CITY'S TRAFFIC ENGINEER AND IN ACCORDANCE WITH THE CITY OF LYNCHBURG ROAD CLOSURE POLICY.
- CONTRACTOR SHALL MAINTAIN VEHICULAR AND PEDESTRIAN ACCESS TO THE JUVENILE DETENTION CENTER AT ALL TIMES.
- DEFINITIONS:  
FURNISH: SUPPLY AND DELIVER TO PROJECT SITE FOR INSTALLATION BY OTHERS.  
INSTALL: INSTALL ITEMS FURNISHED BY OTHERS, INCLUDING UNLOADING, TEMPORARILY STORING, UNPACKING, AND ASSEMBLY.  
PROVIDE: FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.  
REMOVE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE UNLESS INDICATED TO BE REMOVED AND SALVAGED OR REMOVED AND REINSTALLED.  
REMOVE AND REINSTALL: DETACH ITEMS FROM EXISTING CONSTRUCTION, PREPARE FOR REUSE, AND REINSTALL WHERE INDICATED.  
REMOVE AND SALVAGE: CAREFULLY DETACH FROM EXISTING CONSTRUCTION, IN A MANNER TO PREVENT DAMAGE, AND DELIVER TO OWNER.

## DRAWING LIST:

DRAWING NO	TITLE	ID	DRAWING NO	TITLE
T001	TITLE SHEET	ID101		FURNITURE LAYOUT PLAN
CIVIL		STRUCTURAL		
DRAWING NO	TITLE	DRAWING NO	TITLE	
C001	COVER SHEET	S001	GENERAL NOTES	
Y101	TOPOGRAPHIC SURVEY	S101	FOUNDATION AND SLAB PLAN	
C101	DEMOLITION & STAGE 1 EROSION CONTROL	S102	LOW ROOF FRAMING PLAN	
C110	SITE LAYOUT	S103	HIGH ROOF FRAMING PLAN	
C120	UTILITY PLAN	S201	SHEAR FRAME AND SHEAR WALL ELEVATIONS	
C130	GRADING AND E&S PLAN	S202	COLD FORMED FRAMING ELEVATIONS, SECTIONS, AND DETAILS	
C501	DETAIL SHEET	S301	FOUNDATION SECTIONS AND DETAILS	
C502	DETAIL SHEET	S302	SHEAR FRAME AND SHEAR WALL SECTIONS AND DETAILS	
C503	DETAIL SHEET	S303	FRAMING SECTIONS AND DETAILS	
C504	DETAIL SHEET	S401	ENLARGED PLANS AND SECTIONS	
C801	DRAINAGE AREA MAPS & CALCULATIONS	S601	SCHEDULES	
C802	DRAINAGE AREA MAPS & CALCULATIONS			
LANDSCAPE		MECHANICAL		
DRAWING NO	TITLE	DRAWING NO	TITLE	
L100	LANDSCAPE PLAN	M001	LEGEND AND SPECIFICATIONS	
L101	LANDSCAPE COURTYARD	M101	MECHANICAL PLAN	
		M601	MECHANICAL SCHEDULES	
ARCHITECTURAL		PLUMBING		
DRAWING NO	TITLE	DRAWING NO	TITLE	
G001	GEN NOTES & ADA TYPICAL	P001	LEGEND AND SPECIFICATIONS	
G100	PARTITION TYPES	P101	SANITARY PLAN	
G101	CODE PLAN	P102	DOMESTIC WATER PLAN	
A101	PLANS	P601	PLUMBING SCHEDULES	
A141	ROOF PLAN			
A151	REFLECTED CEILING PLAN	ELECTRICAL		
A161	ALTERNATE PLANS & ELEVATIONS	DRAWING NO	TITLE	
A162	ALTERNATE SECTIONS & DETAILS	E001	LEGEND AND GENERAL NOTES	
A201	ELEVATIONS	E101	FLOOR PLAN - LIGHTING	
A202	ELEVATIONS	E102	FLOOR PLAN - POWER	
A301	BUILDING SECTIONS	E103	ROOF PLAN - POWER	
A311	WALL SECTION	E104	FLOOR PLAN - SPECIAL SYSTEMS	
A312	WALL SECTION/DETAILS	E105	FLOOR PLAN - CAMERAS	
A313	SECTION DETAILS	E106	LIGHTNING PROTECTION SYSTEM	
A411	ENLARGED PLANS	E107	ELECTRICAL SITE PLAN	
A501	PLAN DETAILS	E401	ENLARGED PLANS	
A601	DOORS	E501	DETAILS	
A610	WINDOW FRAME TYPES	E502	DETAILS	
A710	FINISH PLAN	E601	PANEL SCHEDULES	
A741	MILLWORK	E602	PANEL AND LIGHTING SCHEDULES	
		E701	SINGLE LINE DIAGRAM	

## CONSULTANT PROJECT TEAM

Virginia A&E - Project Management & Engineering  
Bill Allen, PE, Project Manager  
Steve Howis, PE, Mechanical Engineer  
Scott Burger, PE, Electrical Engineer  
Phil Mays, PE, Structural Engineer

Trenor Architects, Inc. - Architect & Landscape Architect  
Mike Trenor, Principal  
Dan Rowe, Principal-in-Charge  
Drew Hustlede, Associate Architect  
Andy Buchwitz, Landscape Architect

Hurt & Proffitt, Inc. - Civil Engineer  
Patrick Proffitt, PE, Principal-in-Charge  
Andy Klepac, PE, Civil Engineer

## GENERAL INFORMATION:

### APPLICABLE CODES & STANDARDS:

BUILDING CODES:  
2009 VIRGINIA UNIFORM STATEWIDE BUILDING CODE - VUSBC (EFFECTIVE MARCH 1, 2011)  
VIRGINIA MECHANICAL CODE - VMC (2009)  
VIRGINIA PLUMBING CODE - VPC (2009)  
VIRGINIA STATEWIDE FIRE PREVENTION CODE - VSFPC (2009)  
VIRGINIA FUEL GAS CODE - VFGC (2009)  
VIRGINIA ENERGY CONSERVATION CODE - VECC (2009)  
VIRGINIA FIRE PREVENTION CODE - VFPC (2009)  
VIRGINIA BUILDING AND FIRE CODE RELATED REGULATIONS - VBFCCR (2009)  
NATIONAL ELECTRICAL CODE - NFPA-70 (2008)  
NATIONAL FIRE ALARM CODE - NFPA-72 (2007)

### ACCESSIBILITY STANDARDS:

2010 ADA STANDARDS FOR ACCESSIBLE DESIGN - DEPARTMENT OF JUSTICE (SEPTEMBER 15, 2010)

### OTHER STANDARDS:

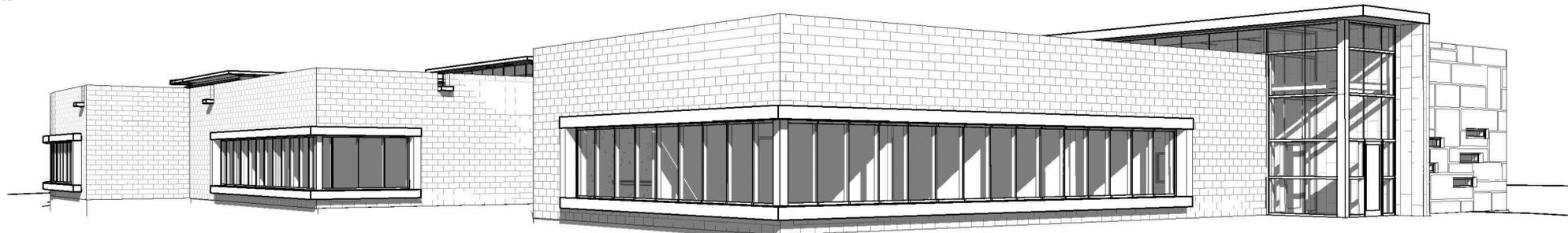
THE CITY OF LYNCHBURG CODE  
THE CITY OF LYNCHBURG MANUAL OF SPECIFICATIONS AND STANDARD DETAILS, LATEST EDITION

## TECHNICAL REVIEW COMMITTEE APPROVAL:

CITY PLANNER	DATE
CITY ENGINEER	DATE
E&S/STORMWATER ADMINISTRATOR	DATE
OWNER APPROVAL:	DATE
<i>Tamara Rosser</i>	02/03/15
DIRECTOR, DEPARTMENT OF HUMAN SERVICES	DATE

## ALTERNATE SUMMARY:

- ANY OR ALL ALTERNATES MAY BE SELECTED AT THE OPTION OF THE CITY OF LYNCHBURG.
- ALTERNATES GENERALLY CONSIST OF THE WORK OUTLINED IN SPECIFICATION SECTION 012300 - ALTERNATES.
- ALTERNATES ARE GENERALLY REPRESENTED BY THE WORK AREAS DENOTED ON THE DRAWINGS AS ALTERNATE NO. X.
- A LISTING OF ALTERNATES FOLLOWS:  
ALTERNATE NO 1 - EDUCATIONAL AREA  
ALTERNATE NO 2 - INDOOR RECREATION FLOOR  
ALTERNATE NO 3 - OUTDOOR RECREATION AREA SITE PREPARATION  
ALTERNATE NO 4 - OUTDOOR RECREATION AREA FIT-OUT  
ALTERNATE NO 5 - CURB & GUTTER  
ALTERNATE NO 6 - ADDITIONAL PARKING AREA  
ALTERNATE NO 7 - CANOPY



Job No: 11088  
Drawing No: **T001**

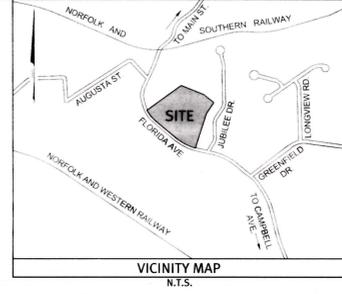


- NOTES**
- THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT RESPONSIBLE CHARGE OF JOSEPH M. MAY FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION. THE DATA WAS OBTAINED JUNE 3, 2014. THIS MAP MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
  - THIS SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND DOES NOT, THEREFORE, NECESSARILY INDICATE ALL ENCUMBRANCES ON THE PROPERTY.
  - THE AREA SHOWN HEREON IS LOCATED IN FLOOD HAZARD ZONE 'X' AND IS NOT LOCATED WITHIN FLOOD HAZARD ZONE 'AE' FOR A 100 YEAR FLOOD AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY AS SHOWN ON COMMUNITY-PANEL MAP #5100930044D DATED JUNE 3, 2008.
  - VERTICAL CONTROL FOR THIS PROJECT IS BASED ON NAVD88.
  - THE UTILITIES SHOWN HEREON ARE PLOTTED PER VISIBLE EVIDENCE IN THE FIELD AND THE MARKINGS OF MISS UTILITY OF VIRGINIA. THIS SURVEY CANNOT GUARANTEE THAT ALL UNDERGROUND UTILITIES WITHIN THE SUBJECT AREA ARE SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO HAVE UNDERGROUND UTILITIES MARKED PRIOR TO LAND DISTURBANCE/EXCAVATION OF ANY KIND.
  - THIS SURVEY WAS PREPARED AT THE REQUEST OF VIRGINIA A&E.

**SOURCE OF TITLE:**  
PART OF THE AREA SHOWN WAS ACQUIRED BY CITY OF LYNCHBURG FROM DUTI-DUDES INCORPORATED BY DEED DATED MARCH 30, 1967 AS RECORDED IN D.B. 416, PG. 172 OF THE CIRCUIT COURT CLERK'S OFFICE OF LYNCHBURG.

THE REMAINDER OF THE AREA SHOWN WAS ACQUIRED BY CITY OF LYNCHBURG FROM KEYSTONE REALTY CORPORATION BY DEED DATED MARCH 30, 1967 AS RECORDED IN D.B. 416, PG. 176 OF THE CIRCUIT COURT CLERK'S OFFICE OF LYNCHBURG.

**PLAT OF REFERENCE:**  
PLAT BY HERVEY R. TERRELL, JR. TITLED "PLAT SHOWING THE DIVISION OF THE PROPERTY OF THE CITY OF LYNCHBURG & HABITAT FOR HUMANITY" AND DATED "APRIL 7, 1997". RECORDED IN PLAT CABINET 5 SLIDE 250 OF THE CIRCUIT COURT CLERK'S OFFICE OF LYNCHBURG.



NO.	BY	REVISIONS	DATE



**Virginia A&E**  
VIRGINIA A&E, PLLC  
1115 VISTA PARK DRIVE  
FOREST, VIRGINIA 24551  
PHONE: (434) 316-6001

**LYNCHBURG JUVENILE SERVICES GROUP HOME**  
CITY PROJECT NO. B0158  
ENGINEERING PROJECT NO. 10043-BG  
1401 FLORIDA AVENUE  
LYNCHBURG, VIRGINIA

**TOPOGRAPHIC SURVEY**  
DATE: 03/15/15  
PROJECT NO.: 20175440

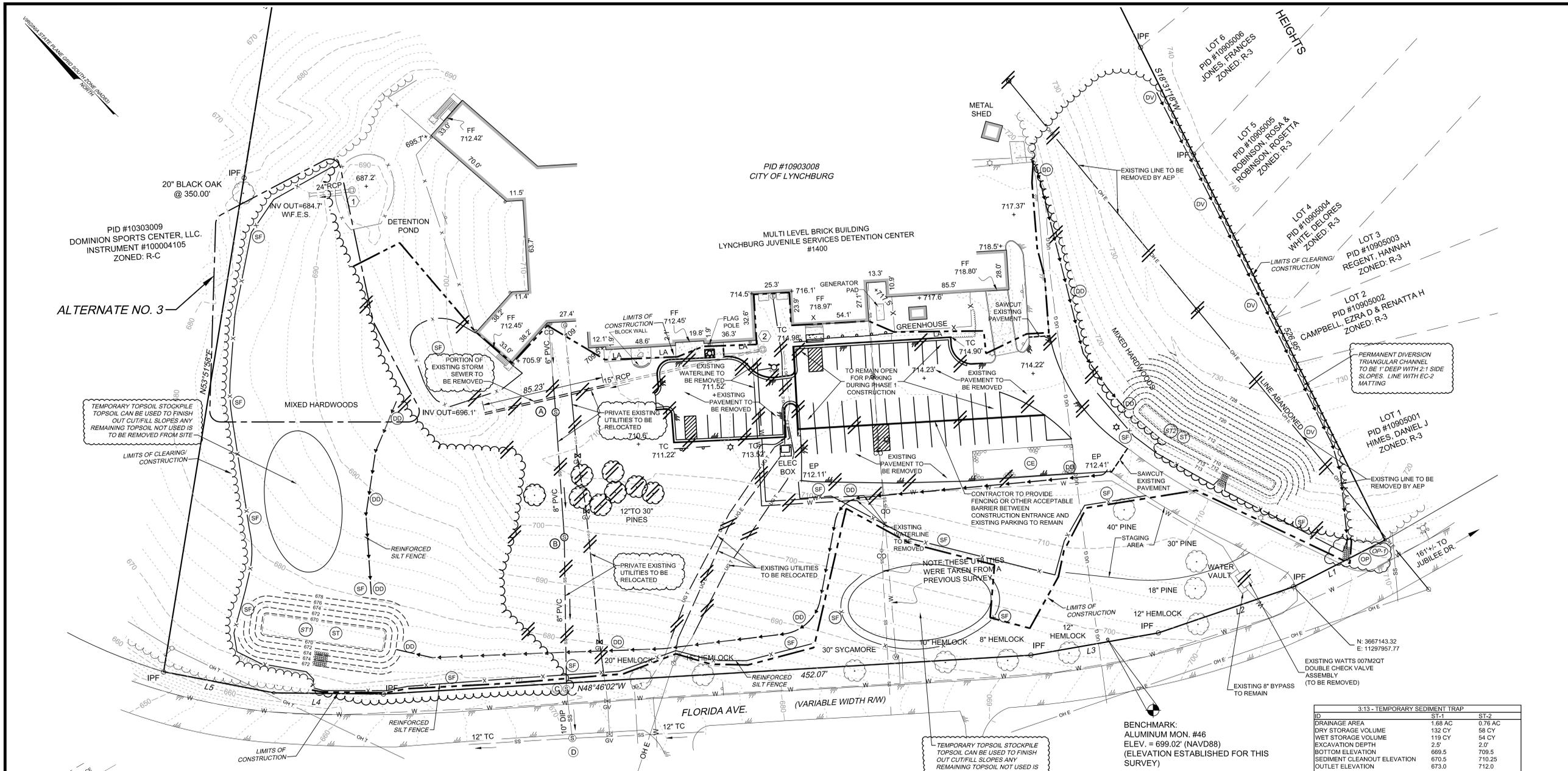
LINE	BEARING	LENGTH
L1	N 72°33'02" W	71.55
L2	N 64°18'02" W	99.67
L3	N 55°18'02" W	90.19
L4	N 44°41'02" W	76.43
L5	N 34°18'02" W	78.14



- LEGEND**
- IPF IRON PIN FOUND
  - IRON PIN SET
  - ⊕ ELECTRIC POLE
  - ⊙ ELECTRIC METER
  - GUY WIRE
  - TELEPHONE POLE
  - TELEPHONE PEDESTAL
  - CLEANOUT
  - WATER METER
  - WATER VALVE
  - SANITARY MANHOLE
  - FIRE HYDRANT
  - LIGHT POLE
  - EDGE OF PAVEMENT
  - GAS VALVE
  - GAS METER
  - BENCHMARK
  - SIGN
  - EDGE OF WOODS
  - CHAIN LINK FENCE
  - OH E — OVERHEAD ELECTRIC
  - OH T — OVERHEAD TELEPHONE
  - UG E — UG ELECTRIC LINE
  - UG G — UG GAS LINE
  - SS — UG SAN. SEWER LINE
  - UG T — UG TELEPHONE LINE
  - W — UG WATER LINE
  - CONCRETE
  - ROOF DRAIN

**HURT & PROFFITT**  
INCORPORATED  
2524 LANGHORNE ROAD  
LYNCHBURG VA 24501  
800.242.4906 TOLL FREE  
434.847.7796 MAIN  
434.847.0047 FAX

Full Scale Verification  
0" = 1"  
Drawing No.: **V101**



ALTERNATE NO. 3

PID #10303009  
DOMINION SPORTS CENTER, LLC.  
INSTRUMENT #100004105  
ZONED: R-C

PID #10903008  
CITY OF LYNCHBURG

MULTI LEVEL BRICK BUILDING  
LYNCHBURG JUVENILE SERVICES DETENTION CENTER  
#1400

LOT 6  
PID #10905006  
JONES, FRANCES  
ZONED: R-3

LOT 5  
PID #10905005  
ROBINSON, ROSA &  
ROBINSON, ROSETTA  
ZONED: R-3

LOT 4  
PID #10905004  
WHITE, DE ORES  
ZONED: R-3

LOT 3  
PID #10905003  
REGENT, HAWNAH  
ZONED: R-3

LOT 2  
PID #10905002  
CAMPBELL, EZRA D & RENATTA H  
ZONED: R-3

LOT 1  
PID #10905001  
HIMES, DANIEL J  
ZONED: R-3

BENCHMARK:  
ALUMINUM MON. #46  
ELEV. = 699.02' (NAVD88)  
(ELEVATION ESTABLISHED FOR THIS SURVEY)

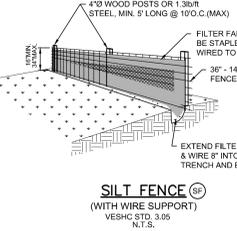
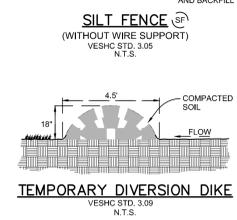
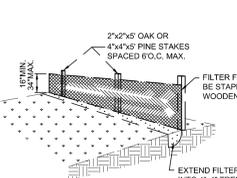
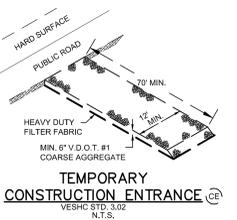
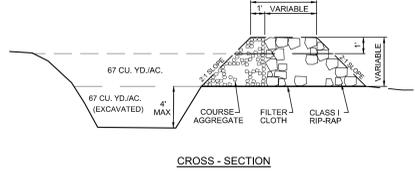
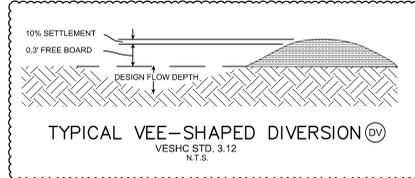
3:13 - TEMPORARY SEDIMENT TRAP		
	ST-1	ST-2
DRAINAGE AREA	1.89 AC	0.76 AC
DRY STORAGE VOLUME	132 CY	58 CY
WET STORAGE VOLUME	119 CY	54 CY
EXCAVATION DEPTH	2.3'	2.0'
BOTTOM ELEVATION	669.5	709.5
SEDIMENT CLEANOUT ELEVATION	670.5	710.25
OUTLET ELEVATION	673.0	712.0
EMBANKMENT ELEVATION	674.0	713.0
OUTLET SPILLWAY LENGTH (ACROSS FLOW)	10.0'	5.0'
EMBANKMENT TOP WIDTH	4.0'	4.0'

DEMOLITION NOTES:

- NO LAND DISTURBING ACTIVITY SHALL OCCUR PRIOR TO OBTAINING A LAND DISTURBANCE PERMIT FROM THE LOCAL AUTHORITY.
- ALL EXCESS AND UNSUITABLE MATERIAL TO BE DISPOSED OF BY CONTRACTOR, NO BURNING IS ALLOWED ON SITE.
- CONTRACTOR RESPONSIBLE FOR COORDINATION WITH ALL APPLICABLE UTILITY COMPANIES & OWNER AS NECESSARY DURING CONSTRUCTION AND DURING RELOCATION OF EXISTING UTILITIES.
- CONTRACTOR TO NOTIFY ENGINEER AND APPLICABLE UTILITY SERVICE PROVIDER OF ANY CONFLICTS WITH UNDERGROUND UTILITIES.
- CONTRACTOR TO NOTIFY THE CITY OF LYNCHBURG WITH THE NAME AND CERTIFICATION NUMBER OF THE RESPONSIBLE LAND DISTURBER AND POST THE LAND DISTURBANCE BOND AT THE AMOUNT SET BY THE CITY OF LYNCHBURG WHEN OBTAINING THE LAND DISTURBANCE PERMIT.
- CONTRACTOR RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, BONDS, AND FEES AT HIS EXPENSE FOR THIS PROJECT THAT HAVE NOT BEEN OBTAINED BY OWNER. CONTRACTOR SHALL COORDINATE WITH OWNER.
- DEMOLITION CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO OWNER AND CIVIL ENGINEER PRIOR TO SUBMISSION OF BIDS.
- ALL PORTIONS OF WORK SHALL BE DONE IN ACCORDANCE WITH ALL CITY, STATE, AND NATIONAL CODES (ORDINANCES, AND STANDARDS).
- CONTRACTOR TO ESTABLISH AND PROPERLY FLAG PROPERTY LINES PRIOR TO DEMOLITION.
- DEMOLITION CONTRACTOR TO ACQUIRE ALL NECESSARY PERMITS TO COMPLETE DEMOLITION. VERIFY WITH THE CITY OF LYNCHBURG BUILDING DEPARTMENT, ZONING, RIGHT OF WAY, AND ALL OTHER GOVERNING AUTHORITIES.
- ALL PLUMBING, SANITARY, GAS, CABLE, T.V., ELECTRICAL, AND TELEPHONE LINES SERVING THIS SITE TO BE CAPPED IN ACCORDANCE WITH CITY OF LYNCHBURG, STATE AND NATIONAL CODES.
- DEMOLITION CONTRACTOR TO NOTIFY UTILITY NOTIFICATION CENTER NO LESS THAN 48 HOURS OR MORE THAN (5) WORKING DAYS PRIOR TO DEMOLITION OF EXISTING UTILITIES AS REQUIRED BY LOCAL UTILITIES CONTRACTOR TO VERIFY.
- DEMOLITION CONTRACTOR TO PROVIDE ALL BARRICADES, SCAFFOLDING, AND OTHER MEANS OF PROTECTION REQUIRED TO COMPLY WITH ALL NATIONAL LAWS, STATE LAWS, AND CITY OF LYNCHBURG ORDINANCES TO SAFE GUARD PERSONS.
- ANY FILL MATERIAL REQUIRED SHALL BE CLEAN, NO DIRT, NO RUBBLE ETC. WILL BE ACCEPTED.
- TREES SHOWN TO REMAIN SHALL MAINTAIN PROTECTIVE BARRIERS DURING DEMOLITION AND CONSTRUCTION. THESE BARRIERS SHALL BE IN ACCORDANCE WITH CURRENT LOCAL AUTHORITY TYPICAL STANDARDS.
- CONTRACTOR SHALL SAWCUT PAVEMENT AS SHOWN AND WHERE PROPOSED PAVEMENT, SIDEWALK AND CURB ADJOINS EXISTING. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY EXISTING SITE IMPROVEMENTS, NOT SPECIFICALLY PLANNED FOR DEMOLITION, DAMAGED DUE TO DEMOLITION OR CONSTRUCTION ACTIVITY.

EROSION CONTROL NOTES:

- ALL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE PER THE STANDARDS AND SPECIFICATIONS OF THE MOST RECENT VERSION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH).
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EROSION CONTROL DEVICES FOR THE DURATION OF THE PROJECT. ALL EROSION CONTROL DEVICES SHALL BE CHECKED DAILY TO ENSURE THAT ALL ARE PROPERLY IN PLACE AND FUNCTIONING AS PLANNED. ALL EROSION CONTROL DEVICES WILL BE REPAIRED (CLEANED) AS NECESSARY, AND AFTER EACH RAINFALL PRODUCING RUNOFF AS A MINIMUM.
- ALL DISTURBED AREAS TO RECEIVE TEMPORARY SEEDING, PERMANENT SEEDING AND MULCH. ALL SLOPES OF 2:1 OR GREATER MUST RECEIVE BLANKET AND MATING IN ADDITION TO SEEDING AND MULCHING PRACTICES AS STATED IN THE MOST RECENT VERSION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
- SEE SHEET C130 FOR FILL COMPACTION REQUIREMENTS.
- CONTRACTOR TO TEMPORARY SEED & MULCH DIVERSIONS IMMEDIATELY FOLLOWING CONSTRUCTION.
- CONTRACTOR TO BE RESPONSIBLE FOR REROUTING ALL TEMPORARY DIVERSIONS AND SILT FENCE AS NECESSARY DURING CONSTRUCTION TO MAINTAIN PROPER DRAINAGE OF DISTURBED AREAS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ADDITIONAL E&S MEASURES OR MAINTENANCE REQUESTS OR REROUTING, OR RELOCATING, E&S MEASURES AS DEEMED NECESSARY BY THE LOCAL AUTHORITY OR LATEST EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK.
- ALL FILL AREAS TO BE STRIPPED OF UNSUITABLE MATERIAL BEFORE PLACING AND COMPACTING FILL MATERIAL.
- CONTRACTOR SHALL CONTACT ENGINEER IF ADDITIONAL CONSTRUCTION ENTRANCE MEASURES ARE NEEDED TO PREVENT THE TRACKING OF MUD, DIRT, OR DEBRIS ONTO ANY PAVED SURFACES INSIDE OR OUTSIDE OF THE PROPOSED CONSTRUCTION LIMITS.
- UPON COMMENCEMENT OF DEMOLITION ACTIVITIES THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND SUPPLYING THE NECESSARY SAMPLES AND RESULTS TO DETERMINE FERTILIZER AND NUTRIENT APPLICATION FOR THE ESTABLISHMENT OF GRASS IN THE SITE.



PHASE I EROSION AND SEDIMENT CONTROL MEASURES:

- CONTRACTOR TO INSTALL TEMPORARY SEDIMENT TRAPS #1 AND #2 AS EARLY AS POSSIBLE DURING THE CLEARING AND GRUBBING OPERATION.
- THE TRAPS MUST REMAIN IN PLACE AND BE MAINTAINED UNTIL ALL CONTRIBUTING DRAINAGE AREAS ARE STABILIZED.
- SEDIMENT TO BE REMOVED AS NEEDED PER THE MAINTENANCE SCHEDULE TO MAINTAIN CAPACITY.
- INSTALL TEMPORARY DIVERSIONS AND SILT FENCE AS NEEDED TO BEGIN PHASE I GRADING.
- INSTALL SILT FENCE AROUND TOPSOIL STOCKPILE AREAS.
- BEGIN GRADING OF EASTERN SECTION OF PROJECT TO OBTAIN SOIL FILL MATERIAL FOR PLACEMENT IN THE BUILDING PAD AREA.
- ONCE THIS AREA IS GRADED TEMPORARY SEED AND MULCH IS TO BE PLACED TO STABILIZE THE EASTERN PORTION OF THE SITE.
- ONCE AREA IS STABILIZED THE TEMPORARY SEDIMENT TRAP CAN BE REMOVED AND FINE GRADING IN THE PROPOSED EASTERN PARKING AREA CAN BEGIN AND ONCE TO GRADE BASE STONE MAY BE SET IN PLACE.
- DROP INLETS #1 TO BE CAN BE INSTALLED BUT THIS SEQUENCE WILL NEED TO BE DETERMINED BY THE CONTRACTOR.
- CONTINUE BUILDING PAD GRADING USING IMPORTED SOIL MATERIAL.
- CONCURRENTLY WITH THE FINE GRADING OF THE EASTERN PARKING AREA BIORETENTION FILTER #2 CONSTRUCTION CAN BEGIN IN ORDER TO RECEIVE STORMWATER FROM THE PROPOSED STORM CONVEYANCE SYSTEM.



NO.	BY	REVISIONS	DATE



Virginia  
A & E  
VIRGINIA A&E, PLLC  
1115 VISTA PARK DRIVE  
FOREST, VIRGINIA 24551  
PHONE: (434) 316-6001

LYNCHBURG JUVENILE SERVICES GROUP HOME  
CITY PROJECT NO: B016F  
ENGINEERING PROJECT NO: 10043-BG  
1401 FLORIDA AVENUE  
LYNCHBURG, VIRGINIA

DEMOLITION & STAGE I EROSION CONTROL  
PROJECT NO: 20100400  
DATE: 01 FEB 15

ENGINEERING » SURVEYING » PLANNING  
**HURT & PROFFITT**  
INCORPORATED  
2524 LANGHORNE ROAD  
LYNCHBURG VA 24501  
800.242.4906 TOLL FREE  
434.847.7796 MAIN  
434.847.0047 FAX

Full Scale Verification  
Drawing No: **C101**



SANITARY SCHEDULE

- Sanitary MH details: TOP, INV IN, INV OUT elevations for various manholes.

STORM SCHEDULE

- Storm details: Grated DI, Grated DI, Sanitary MH details with elevations.

SANITARY NOTES

- Sanitary sewer line installation and testing requirements per city standards.

WATER NOTES

- Water main construction and testing requirements per city standards.

DOMESTIC WATER METER SIZING NOTE

TOTAL FIXTURE UNITS: 186. PEAK DEMAND: 80 GPM. ADJUSTED PEAK DEMAND: 90 GPM.

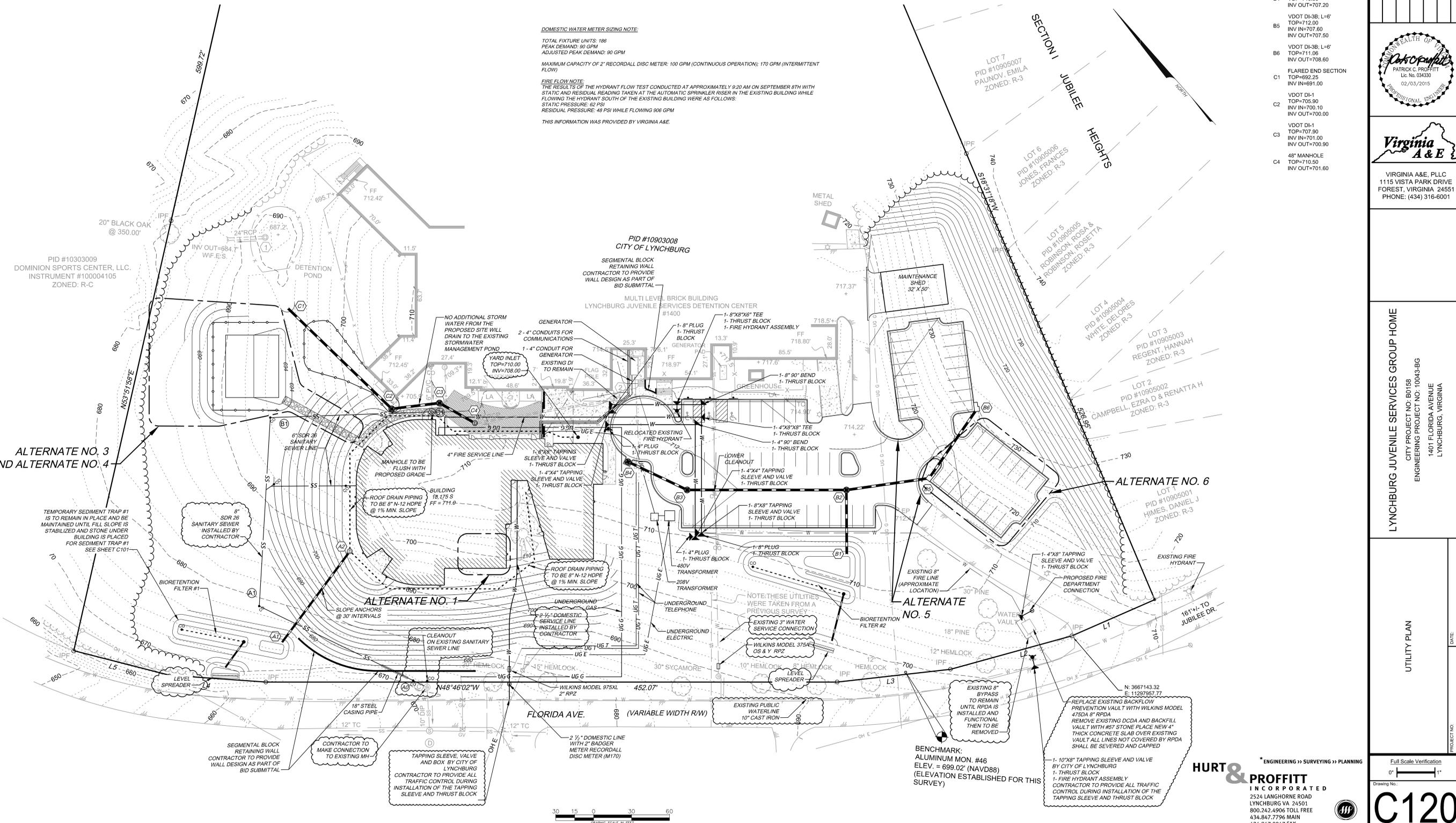
FIRE FLOW NOTE

RESULTS OF HYDRANT FLOW TEST CONDUCTED AT APPROXIMATELY 9:20 AM ON SEPTEMBER 8TH...

Proposed Sanitary Schedule table with columns for pipe size, length, and SDR.

Storm Pipe Schedule table with columns for pipe size, length, and SDR.

Storm Structure Schedule table with columns for structure type, elevation, and length.



Revision table with columns for No., Date, and Revisions.



LYNCHBURG JUVENILE SERVICES GROUP HOME. CITY PROJECT NO. B0169. ENGINEERING PROJECT NO. 10043-BG.

UTILITY PLAN. HURT & PROFFITT INCORPORATED. 2524 LANGHORNE ROAD, LYNCHBURG VA 24501.

C120. Full Scale Verification. Drawing No. 01.

