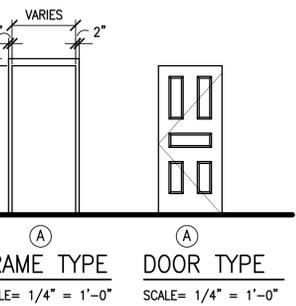


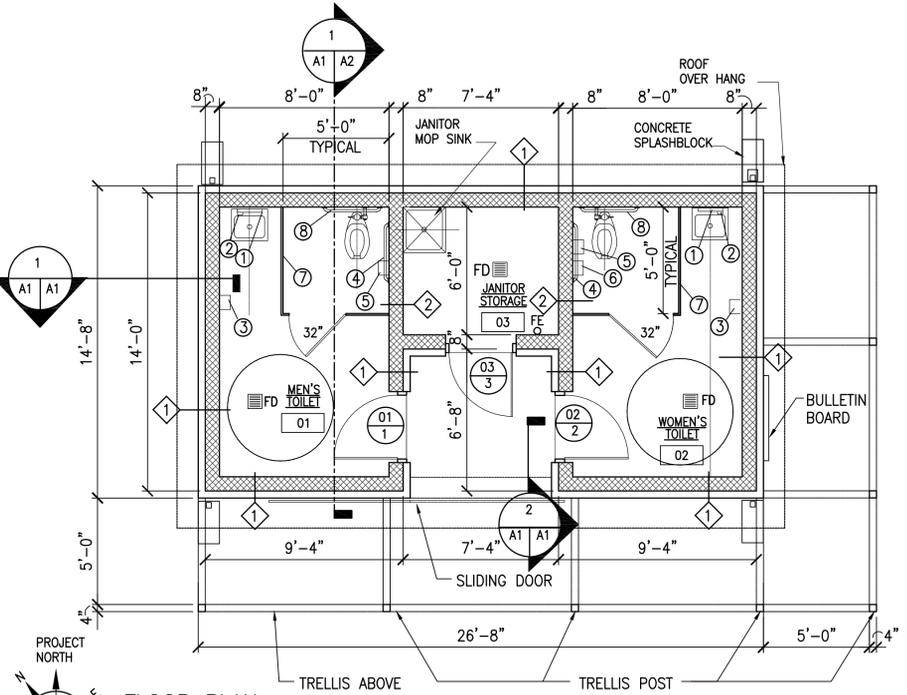
OPNG NO.	DOOR							FRAME					LABEL	HDW	REMARKS
	MAT	TYPE	WIDTH	HEIGHT	THICK	GLASS	LOUVER	MAT	TYPE	HEAD	JAMB	GLASS			
01/1	WOOD	A	[3'-0"]	[7'-0"]	[1 3/4"]	---	---	HM	A	1	1	---	---	01	
02/1	WOOD	A	[3'-0"]	[7'-0"]	[1 3/4"]	---	---	HM	A	1	1	---	---	01	
03/1	WOOD	A	[3'-0"]	[7'-0"]	[1 3/4"]	---	---	HM	A	1	1	---	---	01	

DOOR SCHEDULE GENERAL NOTES:
 1. ALL HM DOORS/FRAMES SHALL BE GALVANIZED.
 2. ALL HM DOORS SHALL BE INSULATED.
 3. ALL HARDWARE SHALL BE COMMERCIAL/HEAVY DUTY GRADE.
 4. VERIFY/COORDINATE ALL KEYING WITH USER.

HARDWARE SET 1:
 1 1/2 PAIR BUTT HINGES W/NON REMOVABLE PIN P
 1 DOOR CLOSER
 1 8" KICK PLATE
 1 LOCKSET (MORTISE) W/LEVER HANDLES
 1 SET WEATHERSTIPPING
 1 ALUMINUM THRESHOLD



SPACE NO.	SPACE TITLE	FLOOR	BASE	WALLS	CEILING	CEILING HEIGHT	PAINT				DOOR	DOOR FRAME	REMARKS	
							NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL				
01	MEN'S TOILET			CMU	CYPSUM BOARD	8'-8"								
02	WOMEN'S TOILET OFFICE			CMU	CYPSUM BOARD	8'-8"								
03	JANITOR STORAGE			CMU	CYPSUM BOARD	8'-8"								

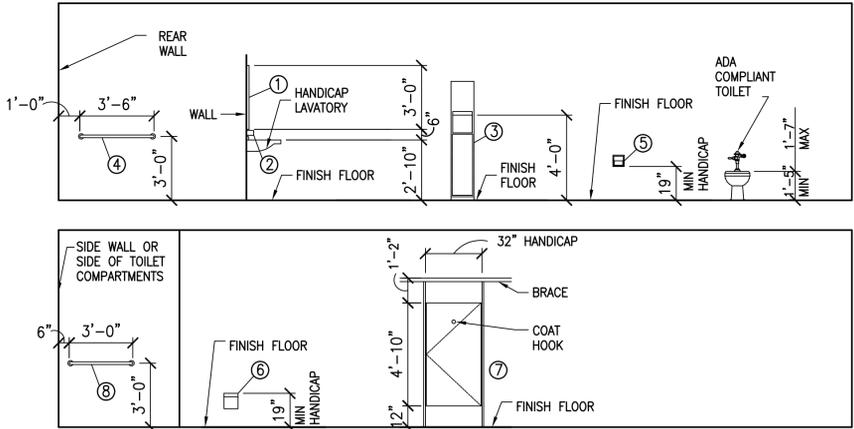


FLOOR PLAN

SCALE 1/4" = 1'-0"

TOILET ACCESSORIES MOUNTING HEIGHTS

SCALE 3/8" = 1'-0"



NOTE:
 1. FOLLOW ADA AND ANSI A117.1 FOR MOUNTING HEIGHTS AND CLEARANCES FOR ALL HANDICAP FIXTURES/ACCESSORIES INDICATED ABOVE.
 2. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF ALL TOILET ACCESSORIES/STALLS/URINAL SCREENS.

TOILET ACCESSORIES LEGEND

ITEM	DESCRIPTION
1	MIRROR 18"x36" STAINLESS STEEL MIRROR
2	LIQUID SOAP DISPENSER STAINLESS STEEL, WALL MOUNTED LIQUID SOAP DISPENSER
3	PAPER TOWEL DISPENSER/DISPOSAL STAINLESS STEEL, WALL MOUNTED C-FOLD PAPER TOWEL DISPENSER WITH INTEGRAL DISPOSAL WITH REMOVABLE WASTE PAPER CONTAINER
4	GRAB BAR 1 1/2" DIAMETER STAINLESS STEEL GRAB BAR
5	TOILET PAPER DISPENSER STEEL, 2-ROLL TOILET PAPER DISPENSER
6	FEMININE NAPKIN DISPOSAL STAINLESS STEEL FEMININE NAPKIN DISPOSAL
7	TOILET STALL PARTITION STAINLESS STEEL TOILET STALL PARTITION
8	GRAB BAR 1 1/2" DIAMETER STAINLESS STEEL GRAB BAR

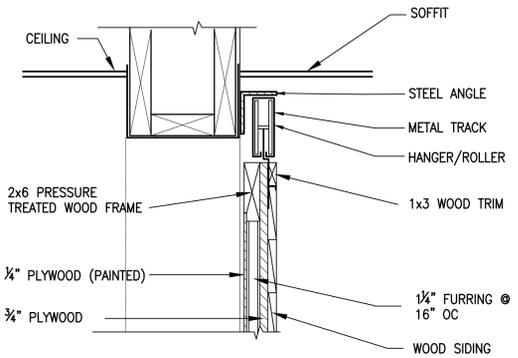
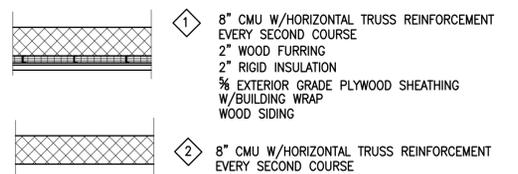
CONSTRUCTION NOTES:

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE JOB SITE BEFORE COMMENCEMENT OF WORK AND SHALL REPORT ALL DISCREPANCIES TO THE A/E PRIOR TO STARTING WORK.
- CONTRACTOR SHALL SAFEGUARD THE OWNERS PROPERTY AND ADJACENT PROPERTIES DURING CONSTRUCTION AND SHALL REPLACE ANY DAMAGED PROPERTY OR MATERIALS TO THE ORIGINAL CONDITION.
- CONTRACTOR SHALL COMPLY WITH IBC "2000" AND ALL GOVERNING CODES AND REGULATIONS AND ALL SHALL COMPLY WITH ALL SAFETY REQUIREMENTS OF ALL GOVERNING AUTHORITIES.
- FLOOR ELEVATIONS INDICATED ON DRAWINGS ARE REFERENCED FROM FINISH FLOOR (DATUM) ELEVATION OF _M (_M= _M). SEE CIVIL DRAWINGS.
- ALL INTERIOR WALLS INDICATED IN WALL TYPE LEGEND SHALL BE TAKEN TO UNDERSIDE OF TRUSS ABOVE

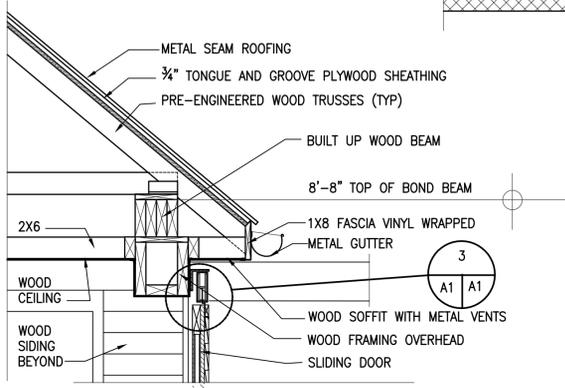
ARCHITECTURAL ABBREVIATIONS

AC	ACOUSTICAL	NIC	NOT IN CONTRACT
ADA	AMERICAN W/DISABILITIES ACT	NO.	NUMBER
AFF	ABOVE FINISH FLOOR	OC	ON CENTER
ALUM	ALUMINUM	OPNG	OPENING
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE	OSB	ORIENTED STRAND BOARD
CJ	CONTROL JOINT	PR	PAIR
CLG	CEILING	RCP	REFLECTED CEILING PLAN
CLR	CLEAR	SC	SOLID CORE
CMU	CONCRETE MASONRY UNIT	SF	SQUARE FOOT
CONT	CONTINUOUS	STC	SOUND TRANSMISSION COEFFICIENT
DS	DOWNSPOUT	T	TILE
EQ	EQUAL	TEMP	TEMPERED
ETC	ETCETERA	T&G	TONGUED AND GROOVED
FD	FLOOR DRAIN	TYP	TYPICAL
FE	FIRE EXTINGUISHER	UL	UNDERWRITER LABORATORIES
FEC	FIRE EXTINGUISHER CABINET	UNO	UNLESS NOTED OTHERWISE
FT	FOOT	VIF	VERIFY IN FIELD
GA	GAUGE	W	WIRE
GL	GLASS	W/	WITH
HDW	HARDWARE	WD	WOOD
HR	HOUR	#	NUMBER/POUND (LB)
HM	HOLLOW METAL		
IBC	INTERNATIONAL BUILDING CODE		
MAT	MATERIAL		
MAX	MAXIMUM		
MIN	MINIMUM		

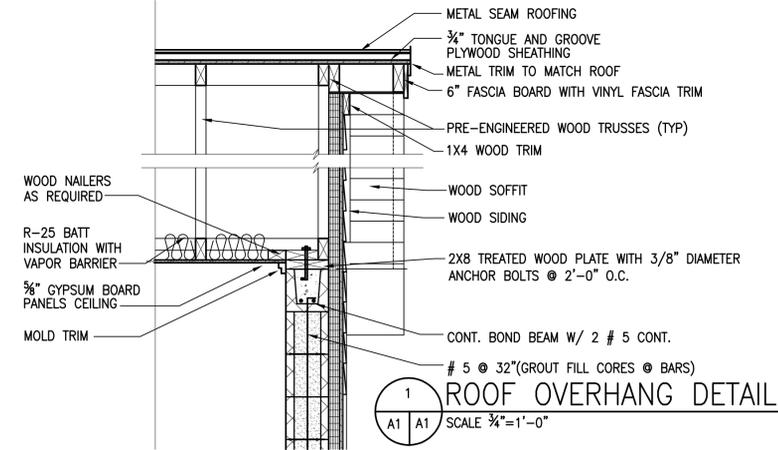
WALL TYPES



3 HEAD DETAIL
SCALE 1 1/2" = 1'-0"



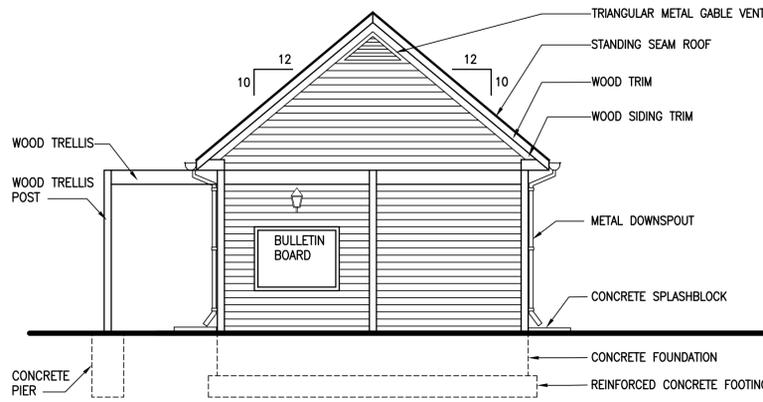
2 SOFFIT DETAIL
SCALE 3/4" = 1'-0"



1 ROOF OVERHANG DETAIL
SCALE 3/4" = 1'-0"

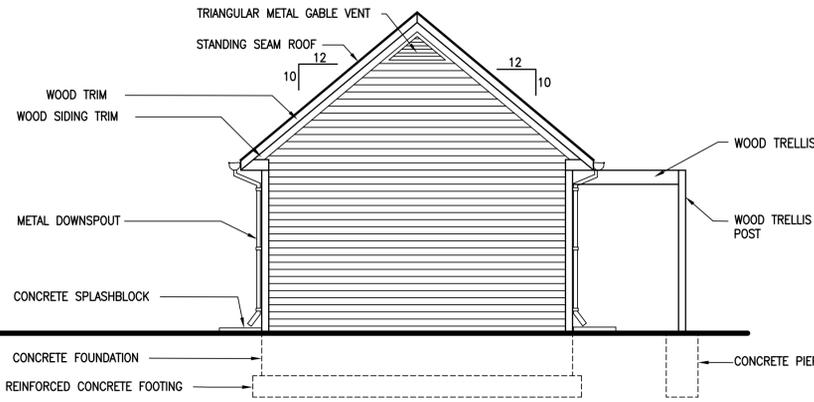
90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION

CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6806 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: TAH	SUB SHEET NO.	FLOOR PLAN, NOTES AND SCHEDULES VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. A01
			DRAWN: AM			



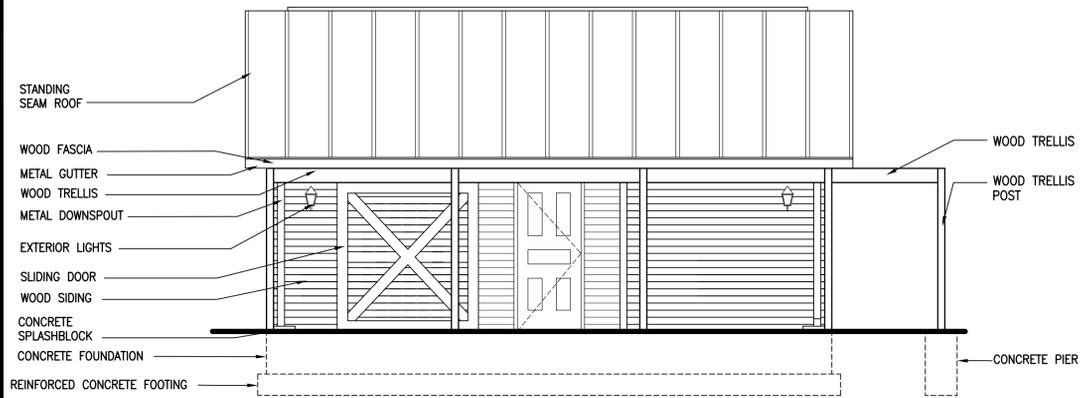
EAST ELEVATION

SCALE 1/4" = 1'-0"



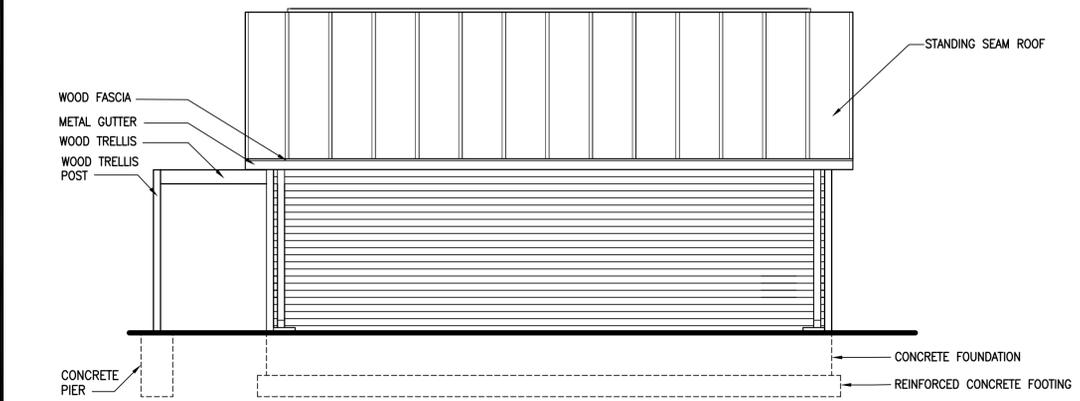
WEST ELEVATION

SCALE 1/4" = 1'-0"



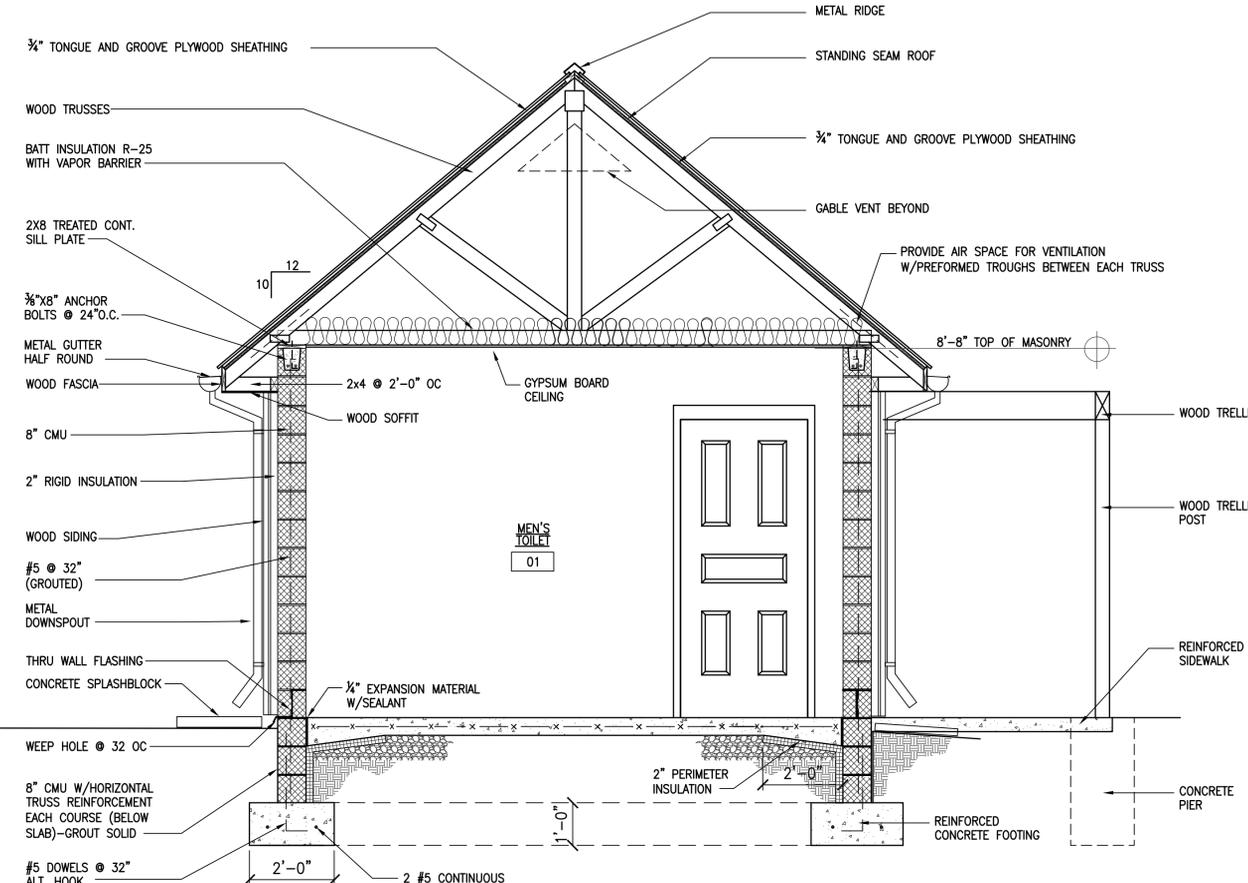
SOUTH ELEVATION

SCALE 1/4" = 1'-0"



NORTH ELEVATION

SCALE 1/4" = 1'-0"



BUILDING SECTION

SCALE 1/2" = 1'-0"

STRUCTURAL GENERAL NOTES:

- MATERIAL DESIGN STRENGTHS:**
 CAST-IN-PLACE CONCRETE $f'_c = 4,000$ PSI
 REINFORCING STEEL, DEFORMED $f_y = 60,000$ PSI
 WELDED WIRE FABRIC $f_y = 60,000$ PSI
 DESIGN SOIL BEARING CAPACITY 2.0 KSF (ASSUMED)
 PLACE CONCRETE FOR FOOTING ON COMPACTED FILL OR UNDISTURBED SUBGRADE HAVING THIS BEARING CAPACITY.
- DESIGN CODES:**
 ACI 318-2002 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
 INTERNATIONAL BUILDING CODE (IBC 2000)
- DESIGN LOADS:**
LIVE LOADS:
 ROOF (SNOW) 25 PSF
 FLOOR 100 PSF
- DESIGN WIND AND SEISMIC LOADS ARE BASED ON IBC 2000 FOR THE FOLLOWING CONDITIONS:**
 BASIC WIND SPEED, V 90 MPH
 WIND EXPOSURE CATEGORY B
 WIND IMPORTANCE FACTOR 1.0
 SEISMIC USE GROUP I

WOOD TRUSSES

- DESIGN AND CONSTRUCT TRUSSES PER TPI STANDARDS.
- SUBMIT WOOD TRUSS CALCULATIONS. CALCULATIONS SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER. SUBMIT DETAIL AND ERECTION DRAWINGS SHOWING SIZES, LAYOUT, MATERIAL DESIGNATIONS, INSTALLATION METHODS AND ACCESSORIES.
- ALL WOOD SHALL BE No 2 OR BETTER SOUTHERN YELLOW PINE TOLERANCES FOR FRAMING MEMBERS: 1/4 INCH IN 8 FEET FROM A TRUE PLANE.
- SEE ARCHITECTURAL DRAWINGS FOR TRUSS SECTIONS.
- DESIGN ROOF TRUSSES FOR A LIMITING DEFLECTION OF L/240.
- METAL CONNECTOR PLATES SHALL BE HOT-DIP GALVANIZED STEEL.

CAST-IN-PLACE CONCRETE

- CONCRETE STRENGTH TESTS DURING CONSTRUCTION SHALL BE SUBMITTED FOR REVIEW.
- CONCRETE WORK SHALL CONFORM TO ACI 301-99, "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS," EXCEPT AS MODIFIED HEREIN. FOR NUMBERS IN PARENTHESIS, REFER TO ACI 301 PARAGRAPHS:
 A. (3.2) THE 28-DAY COMPRESSIVE STRENGTH OF ALL CONCRETE SHALL BE 4000 PSI.
 B. (3.4) CONCRETE SHALL BE AIR ENTRAINED EXCEPT FOR INTERIOR FLOOR SLABS WHICH MAY BE NONAIR ENTRAINED.
 C. (3.7.1) CALCIUM CHLORIDE SHALL NOT BE USED. CHLORIDE IONS IN ADMIXTURES SHALL NOT EXCEED 0.1 PERCENT BY WEIGHT OF CEMENT CONTENT.
 D. (5.2) REINFORCING STEEL SHALL BE ASTM A615 GRADE 60, DEFORMED. WELDED WIRE FABRIC SHALL BE ASTM A 185.
 E. (5.4) WELDING OF BAR REINFORCEMENT WILL NOT BE PERMITTED.
 F. (6.2.2) ISOLATION JOINT MATERIAL SHALL BE THE THICKNESS SHOWN AND SHALL MEET REQUIREMENTS OF ASTM D 1751.
 G. (12.3) THE RECOMMENDATIONS OF ACI 305 "HOT WEATHER CONCRETING" AND ACI 306 "COLD WEATHER CONCRETING" SHALL BE FOLLOWED.
 H. (16) TESTING SERVICES SPECIFIED IN ACI 301 SECTION 16.3 SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY AND PAID FOR BY THE OWNER. TESTING SERVICES SPECIFIED IN SECTION 16.4 WILL BE PAID FOR BY THE OWNER. TESTING SERVICES SPECIFIED IN SECTION 16.5 AND 16.7 SHALL BE PERFORMED BY AN INDEPENDENT TESTING AGENCY AND PAID FOR BY THE CONTRACTOR.
- JOINT SEALANT SHALL BE SIKAFLEX 2C NS/SL BY SIKA CHEMICAL CORPORATION, EUCOLASTIC BY EUCLID CHEMICAL COMPANY OR STONFLEX MN6/MP6 BY STONHARD, INC.
- CHAMFER ALL EXPOSED EDGES OF CONCRETE 1/4 INCH.
- EXPANSION ANCHORS SHALL BE TRUBOLT BY RAMSET FASTENING SYSTEMS, RED HEAD BY ITT PHILLIPS DRILL DIVISION, KWIK-BOLT BY HILTI FASTENING SYSTEMS, OR APPROX EQUAL, AND SHALL BE GALVANIZED. EXPANSION ANCHORS SHALL NOT BE USED IN MASONRY. ALLOWABLE WORKING (SERVICE) LOADS SHALL BE USED AS FOLLOWS FOR 4000 PSI CONCRETE:

DIAMETER (INCHES)	SHEAR (LBS.)	TENSION (LBS.)
1/2	1,700	1,375
5/8	2,650	1,650
3/4	3,830	2,535

- CONCRETE PROTECTION FOR REINFORCEMENT SHALL CONFORM TO ACI 301-99.

90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION

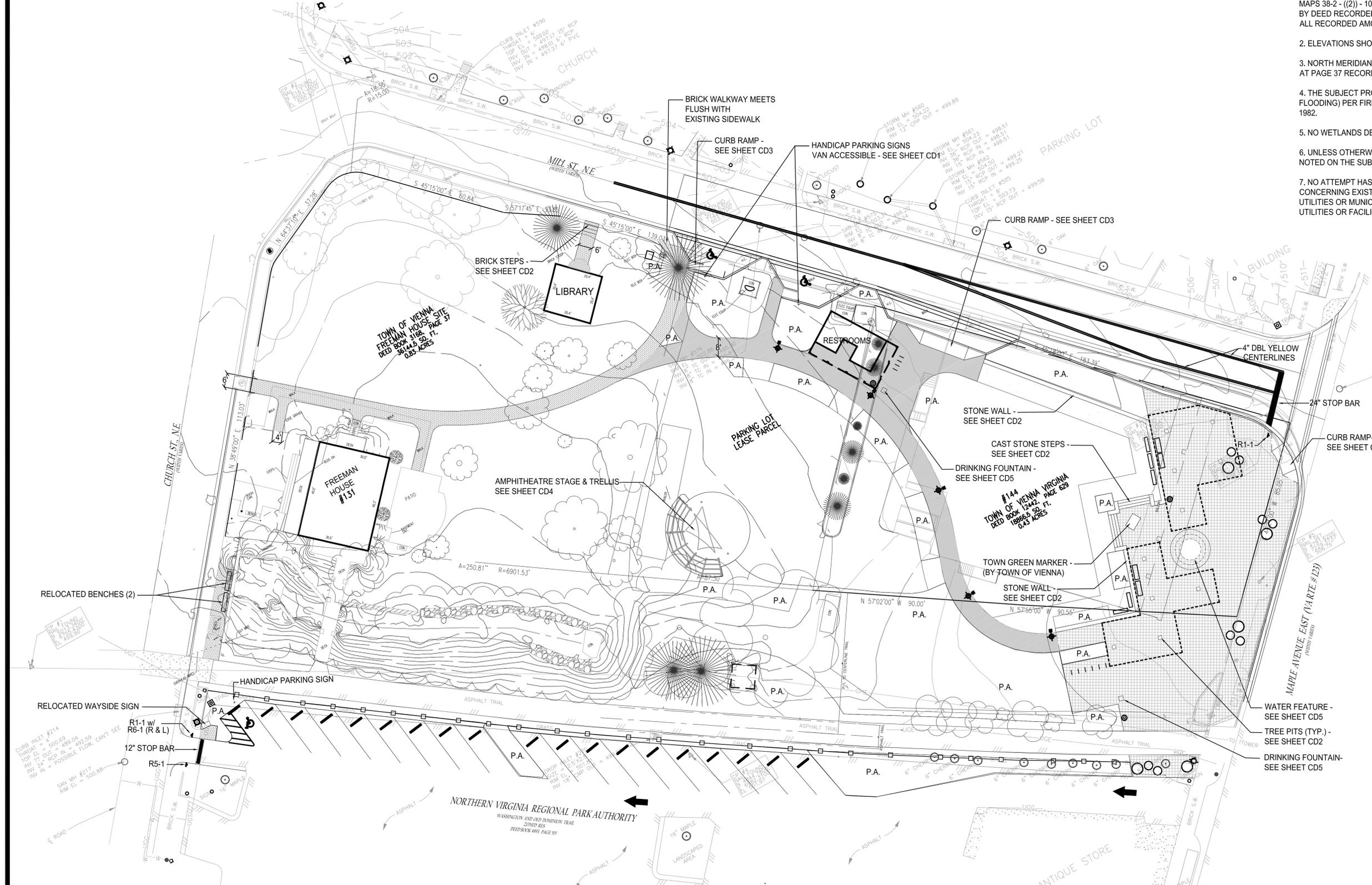
CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6806 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: TAH	SUB SHEET NO.	BUILDING ELEVATIONS, BUILDING SECTION VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. A02
			DRAWN: AM	PKG. NO.		SHEET XX
			TECH. REVIEW: BD			DATE: 12/21/2005

GENERAL NOTES:

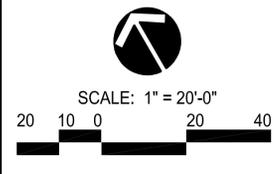
1. THE PROPERTY SHOWN HEREON IS IDENTIFIED ON FAIRFAX COUNTY TAX ASSESSMENT MAPS 38-2 - ((2)) - 104 (ZONED C-1A) AND 38 - 2 - ((2)) - 129 (ZONED C-1A) AND WERE ACQUIRED BY DEED RECORDED IN DEED BOOK 3168, AT PAGE 37 AND DEED BOOK 12442, AT PAGE 629 ALL RECORDED AMONG THE LAND RECORDS OF FAIRFAX COUNTY, VIRGINIA.
2. ELEVATIONS SHOWN HEREON ARE BASED ON AN ASSUMED VERTICAL DATUM.
3. NORTH MERIDIAN TAKEN FROM RECORDS INFORMATION RECORDED IN DEED BOOK 3168, AT PAGE 37 RECORDED AMONG THE LAND RECORDS OF FAIRFAX COUNTY, VIRGINIA.
4. THE SUBJECT PROPERTY IS LOCATED IN A FLOOD HAZARD ZONE "C" (AREAS OF MINIMAL FLOODING) PER FIRM COMMUNITY - PANEL NUMBER 510053 0001B, EFFECTIVE FEBRUARY 3, 1982.
5. NO WETLANDS DELINEATION AND/OR MAPPING WAS DONE AS PART OF THIS SURVEY.
6. UNLESS OTHERWISE SHOWN HEREON NO OBSERVABLE EVIDENCE OF CEMETERIES WAS NOTED ON THE SUBJECT PROPERTY.
7. NO ATTEMPT HAS BEEN MADE AS A PART OF THIS SURVEY TO OBTAIN OR SHOW DATA CONCERNING EXISTENCE, SIZE, DEPTH, CONDITION, CAPACITY OR LOCATION OF ANY UTILITIES OR MUNICIPAL/PUBLIC SERVICE FACILITY. FOR INFORMATION REGARDING THESE UTILITIES OR FACILITIES, PLEASE CONTACT THE APPROPRIATE AGENCIES.

SYMBOL KEY

- WASTE RECEPTACLE - SEE SHEET CD6
- ▭ BENCH (BACKED) - SEE SHEET CD6
- ▭ BENCH (BACKLESS) - SEE SHEET CD6
- PLANTERS - SEE SHEET CD6
- ⦿ POLE MOUNTED LIGHTS - SEE SHEET CD5
- ▨ CONCRETE PAVERS - SEE SHEET CD2
- PIGMENTED CONCRETE PAVING - SEE SHEET CD2
- ▨ BRICK PAVING - SEE SHEET CD2
- BICYCLE RACKS - SEE SHEET CD6
- FENCE - SEE SHEET CD3
- P.A. PLANTING AREAS - SEE SHEET PL1
- ♿ ACCESSIBLE PARKING - SHEET CD1
- STONE DUST PAVING - SEE SHEET CD2
- ▭ STRUCTURAL SOIL AREAS - SEE SHEET CD2



90% CONSTRUCTION DRAWINGS-NOT FOR CONSTRUCTION



SURVEY		ELECTRICAL		ARCHITECT		LANDSCAPE ARCHITECT		ENGINEER		CIVIL ENGINEER: Wiley & Wilson Employee-Owned 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax		LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax		CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION		DESIGNED: EL, VM DRAWN: GM TECH. REVIEW: EL, VM DATE: 12/23/2005		SUB SHEET NO. C1		TITLE OF SHEET SITE PLAN & LAYOUT VIENNA TOWN GREEN TOWN OF VIENNA		DRAWING NO. PKG. NO. SHEET — X — OF X	
--------	--	------------	--	-----------	--	---------------------	--	----------	--	--	--	--	--	---	--	---	--	----------------------------	--	---	--	--	--

WATER DESCRIPTIONS

- △ 3" TAPPING SADDLE, EXISTING WATER MAIN SIZE IS UNKNOWN, CONTRACTOR TO VERIFY.
- △ 3" CROSS
- △ 40 LF 3" DI WATER PIPE w/ 3" GATE VALVE & WATER METER
- △ SPIGOT @ WATER FEATURE
- △ 2 LF 3" DI WATER PIPE, 3" TO 1" REDUCER, 175 LF 1" Cu PIPE w/ 1" GATE VALVE
- △ DRINKING FOUNTAIN
- △ 2 LF 3" DI PIPE, 3" TO 1" REDUCER
- △ 5 LF 1" Cu PIPE w/ 1" GATE VALVE
- △ 1"x1" TEE
- △ 89 LF 1" Cu PIPE
- △ SPIGOT
- △ SPIGOT
- △ DRINKING FOUNTAIN w/ SPIGOT
- △ 51 LF 1" Cu PIPE w/ 1" GATE VALVE
- △ 45 LF 1" Cu PIPE w/ 1" GATE VALVE
- △ 80 LF 1" Cu PIPE
- △ SERVICE TO RESTROOM
- △ 2 LF 3" DI PIPE, 3" TO 1" REDUCER
- △ 38 LF 1" Cu PIPE w/ 1" GATE VALVE
- △ SPIGOT
- △ 86 LF 1" Cu PIPE, 90° BEND

DRAINAGE DESCRIPTIONS

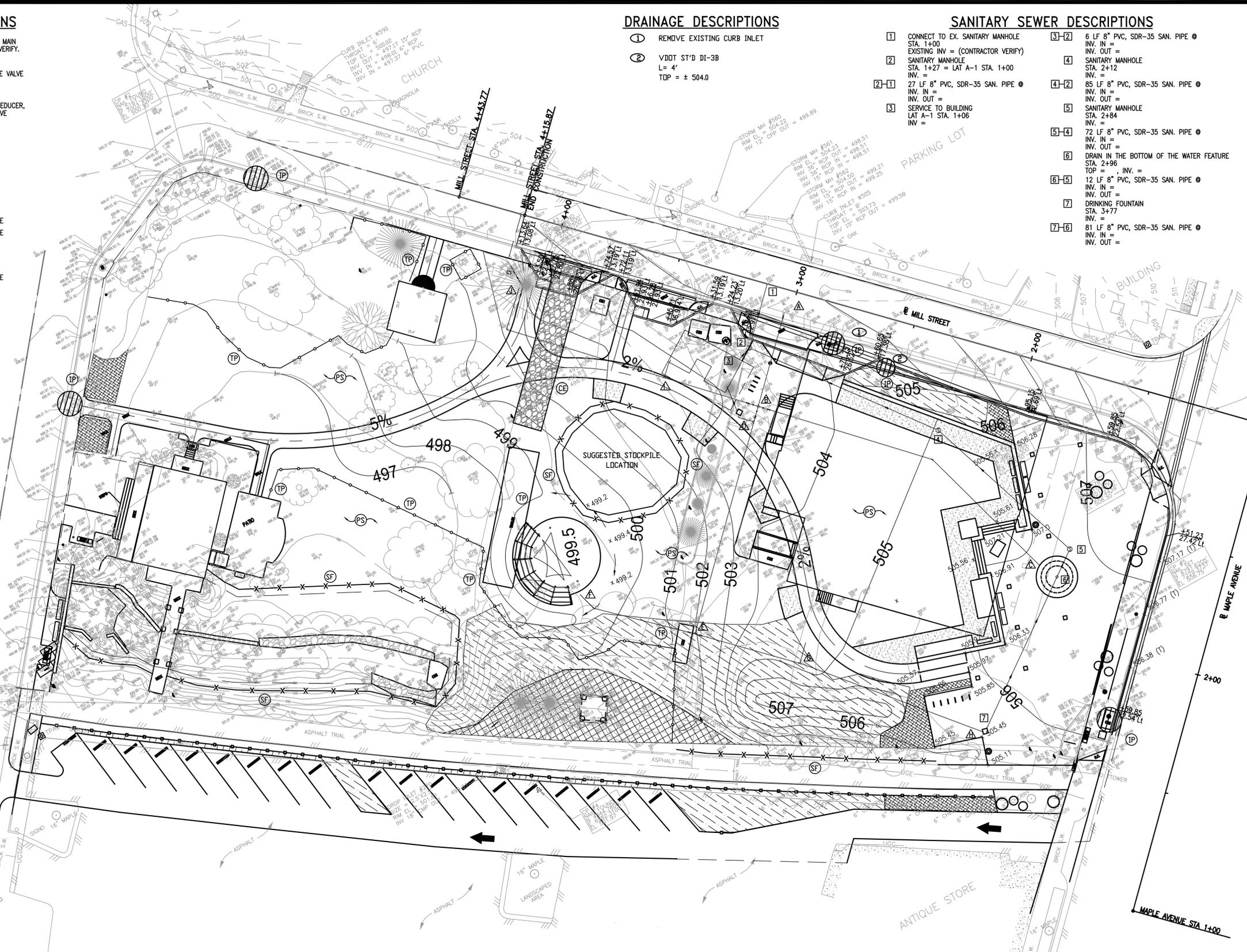
- ① REMOVE EXISTING CURB INLET
- ② VDOT ST'D DI-3B
L = 4'
TOP = ± 504.0

SANITARY SEWER DESCRIPTIONS

- ① CONNECT TO EX. SANITARY MANHOLE STA. 1+00 EXISTING INV. = (CONTRACTOR VERIFY)
- ② SANITARY MANHOLE STA. 1+27 = LAT A-1 STA. 1+00 INV. =
- ②-① 27 LF 8" PVC, SDR-35 SAN. PIPE @ INV. IN = INV. OUT =
- ③ SERVICE TO BUILDING LAT A-1 STA. 1+06 INV. =
- ③-② 6 LF 8" PVC, SDR-35 SAN. PIPE @ INV. IN = INV. OUT =
- ④ SANITARY MANHOLE STA. 2+12 INV. =
- ④-② 85 LF 8" PVC, SDR-35 SAN. PIPE @ INV. IN = INV. OUT =
- ⑤ SANITARY MANHOLE STA. 2+84 INV. =
- ⑤-④ 72 LF 8" PVC, SDR-35 SAN. PIPE @ INV. IN = INV. OUT =
- ⑥ DRAIN IN THE BOTTOM OF THE WATER FEATURE STA. 2+96 TOP = , INV. =
- ⑥-⑤ 12 LF 8" PVC, SDR-35 SAN. PIPE @ INV. IN = INV. OUT =
- ⑦ DRINKING FOUNTAIN STA. 3+77 INV. =
- ⑦-⑥ 81 LF 8" PVC, SDR-35 SAN. PIPE @ INV. IN = INV. OUT =

EROSION CONTROL LEGEND

- LIMITS OF CONSTRUCTION
- PERMANENT SEEDING
- INLET PROTECTION
- SILT FENCE
- CONSTRUCTION ENTRANCE
- TREE PROTECTION



MAPLE AVENUE

STATION	NORTHING	EASTING
POB 1+00.00	9645.0542	14329.6889
POE 3+60.39	9831.0674	14511.9046
Tangent Direction: N 44°24'33" E		
Tangent Length: 260.39'		

MILL STREET

STATION	NORTHING	EASTING
POB 1+00.00	9792.0226	14473.6569
POE 4+43.77	10033.9631	14229.4324
Tangent Direction: N 45°16'09" W		
Tangent Length: 343.77'		

CONTROL TRAVERSE

	NORTH	EAST
△ T-1 (HUB & TACK)	5013.3380	6755.4258
△ T-2 (HUB & TACK)	5161.1530	7003.7300
△ T-3 (HUB & TACK)	5022.6260	7144.0690
△ T-4 (HUB & TACK)	4844.7770	6982.3130

SANITARY SEWER NOTES

- CONNECTIONS TO EXISTING MANHOLES WITHOUT STUBS OR BRICKED-UP OPENINGS SHALL BE THE EQUAL OF EITHER KOR-N-SEAL WITH STAINLESS STEEL EXPANDER RING OR PRESS-SEAL WITH NYLON EXPANDER SLEEVE INSTALLED BY CORE DRILLING MANHOLE AND IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

MATERIAL NOTES

- SANITARY SEWER LINE**
- PVC PLASTIC PIPE SHALL MEET REQUIREMENTS OF ASTM D-3034 TYPE PSM SDR-35.
 - GRAVITY SEWER LINES SHALL BE INSTALLED WITH A MINIMUM OF 6" OF GRANULAR BEDDING (CLASS B).

- WATER LINE**
- PIPE LESS THAN 3" DIAMETER SHALL BE COPPER TUBING, (ASTM B88), TYPE K.

90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION



SCALE: 1" = 20'-0"



CIVIL ENGINEER:
Wiley & Wilson
Employee-Owned
6606 WEST BROAD STREET,
SUITE 500
RICHMOND, VIRGINIA 23230-1717
804-254-7242 ph
804-254-7257 fax

LANDSCAPE ARCHITECT:
LARDNER/KLEIN
LANDSCAPE ARCHITECTS, PC
814 KING ST., FOURTH FLOOR
ALEXANDRIA, VA 22314-3039
703-739-0972ph 1-800-337-1370ph
703-739-0973fax

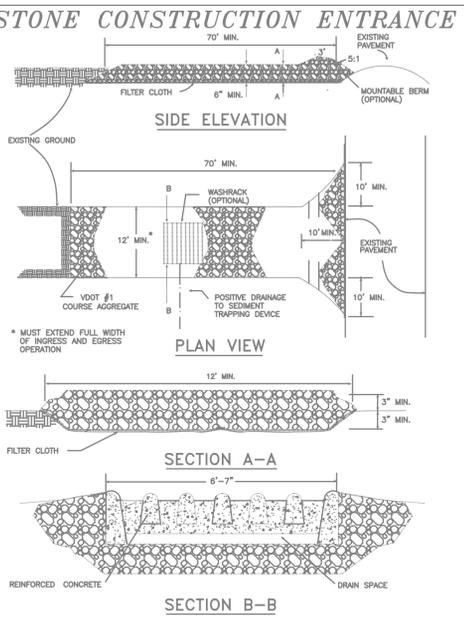
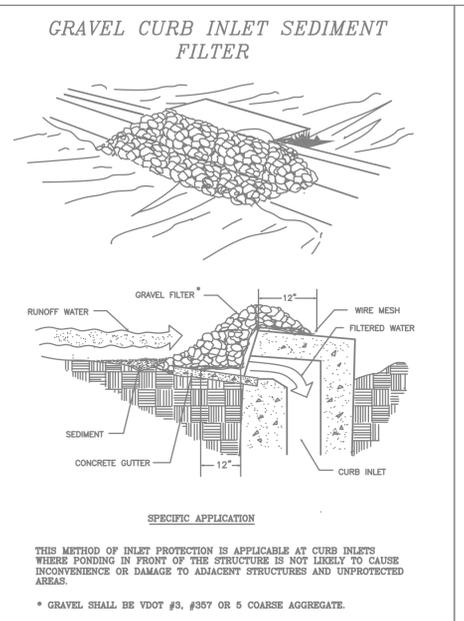
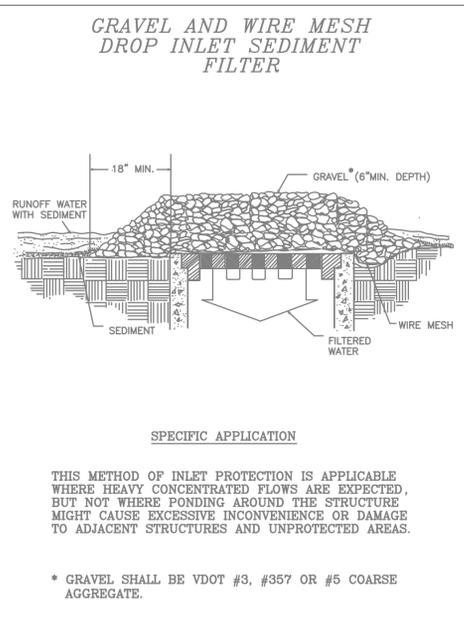
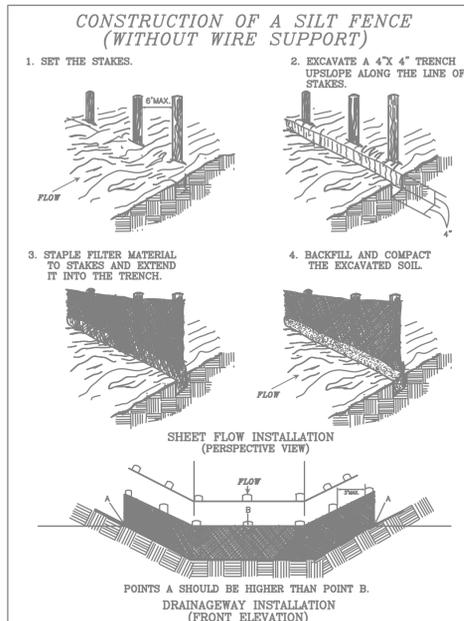
CONSTRUCTION DOCUMENTS
**DEPARTMENT OF
PARKS AND
RECREATION**

DESIGNED:
JHH
DRAWN:
JHH
TECH. REVIEW:
DATE:
December 21, 2005

SUB SHEET NO.

**GRADING, UTILITIES & EROSION
CONTROL PLAN
VIENNA TOWN GREEN
TOWN OF VIENNA**

DRAWING NO.
PKG. NO. SHEET
1 OF 1



SOURCE: Adapted from Installation of Stone and Fabric Filter Barriers for Sediment Control, VA DSWC Sherwood and Wyatt. PLATE 3.06-2

SOURCE: VA. DSWC PLATE: 3.07-2

SOURCE: VA. DSWC PLATE: 3.07-6

SOURCE: ADAPTED FROM 1983 Maryland Standards for Soil Erosion and Sediment Control, and Va. DSWC Plate 3.02-1

GENERAL EROSION & SEDIMENT CONTROL NOTES:

- ES-1 UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.
- ES-2 THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRECONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- ES-3 ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
- ES-4 A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- ES-5 PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.
- ES-6 THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
- ES-7 ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
- ES-8 DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.
- ES-9 THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

EROSION CONTROL NARRATIVE

PROJECT DESCRIPTION
 A NEW PARK WILL BE CONSTRUCTED ON THE SITE FOR THE TOWN OF VIENNA. CONSTRUCTION WILL INCLUDE LANDSCAPED AREAS, SIDEWALKS, A RIGHT TURN LANE AND HANDICAPPED PARKING SPACES ALONG MILL STREET. A VARIETY OF OTHER ASSOCIATED SITE IMPROVEMENTS WILL BE MADE UNDER THIS CONTRACT. APPROXIMATELY 2.25 ACRES WILL BE DISTURBED BY CONSTRUCTION ACTIVITIES.

EXISTING SITE CONDITIONS
 THE SITE IS LOCATED EAST OF CHURCH STREET, WEST OF MAPLE AVENUE, AND SOUTH OF MILL STREET. DRAINAGE GENERALLY FLOWS FROM NORTH TO SOUTH, OUTFALLING INTO A CREEK ALONG THE SOUTHWEST CORNER OF THE SITE. EXISTING SLOPES VARY FROM APPROXIMATELY 2% TO 5%. GROUND COVER CONSISTS OF ESTABLISHED GRASS, SCATTERED TREES & BUSHES, SIDEWALKS, A PAVED PARKING LOT AND A TWO STORY BUILDING WITH A BASEMENT.

ADJACENT PROPERTY
 THE ADJACENT PROPERTY IS A MIX OF RESIDENTIAL/COMMERCIAL DEVELOPMENT.

OFF-SITE AREAS
 OFF SITE AREAS ARE NOT ANTICIPATED TO BE USED FOR THIS PROJECT.

SOILS
 A GEOTECHNICAL ENGINEERING REPORT WAS NOT COMPLETED FOR THIS PROJECT.

CRITICAL AREAS
 THE CRITICAL AREAS FOR THIS PROJECT ARE THE TRANSPORTATION OF SEDIMENT ONTO THE ADJACENT ROADWAYS OR INTO THE CREEK LOCATED IN THE SOUTHWEST CORNER OF THE PROPERTY. THE SITE STAGING AND STOCKPILE LOCATIONS WILL BE LOCATED TO MINIMIZE THE TRANSFER OF SEDIMENT ONTO ADJACENT ROADWAYS OR PROPERTIES.

EROSION AND SEDIMENT CONTROL MEASURES
 ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THESE PLANS AND THE PLAN APPROVING AUTHORITY.

TEMPORARY STONE CONSTRUCTION ENTRANCE (3.02) - AT LEAST ONE CONSTRUCTION ENTRANCE SHALL BE INSTALLED TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PAVED ROADS.

SILT FENCE (3.05) - TEMPORARY SILT FENCE SHALL BE INSTALLED ACCORDING TO PLANS TO REDUCE RUNOFF VELOCITY AND DETAIN SMALL AMOUNTS OF SEDIMENT.

STORM DRAIN INLET PROTECTION (3.07) - ALL STORM SEWER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. SEDIMENT-LADEN WATER SHALL BE FILTERED BEFORE ENTERING THE STORM SEWER INLETS.

VEGETATIVE PRACTICES
TEMPORARY SEEDING - ALL DENUDED AREAS WHICH WILL BE LEFT DORMANT FOR EXTENDED PERIODS OF TIME SHALL BE SEED WITH FAST GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING.
PERMANENT SEEDING - ALL DENUDED AREAS WHICH HAVE BEEN BROUGHT TO FINAL GRADE SHALL BE PERMANENTLY SEED WITHIN 7 DAYS OF ACHIEVING FINAL GRADES.
EROSION CONTROL MULCH- EROSION CONTROL MULCH WILL BE INSTALLED OVER AREAS THAT HAVE BEEN SEED. MULCH (STRAW OR FIBER) WILL BE APPLIED AS A SECOND STEP IN THE SEEDING OPERATION.

STORMWATER RUNOFF CONSIDERATIONS
 AN EXISTING BUILDING AND PARKING LOT ON THE SITE WILL BE DEMOLISHED AND THE AREA WILL BE REDEVELOPED AS A PARK, REDUCING THE AMOUNT OF IMPERVIOUS COVER BY APPROXIMATELY 0.40 ACRES. THE PARK WILL BE RESTRICTED TO PEDESTRIAN TRAFFIC AND WILL NOT INCREASE POLLUTANT LOADING OR THE QUANTITY OF STORM WATER DISCHARGED.

SILT FENCE SPECIFICATIONS

1. SYNTHETIC FILTER FABRIC SHALL BE A PERVIOUS SHEET OF PROPYLENE, NYLON, POLYESTER OR ETHYLENE YARN AND SHALL BE CERTIFIED BY THE MANUFACTURER OR SUPPLIER AS CONFORMING TO THE REQUIREMENTS NOTED IN TABLE 3.05-B.
2. SYNTHETIC FILTER FABRIC SHALL CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS TO PROVIDE A MINIMUM OF SIX MONTHS OF EXPECTED USABLE CONSTRUCTION LIFE AT A TEMPERATURE RANGE OF 0º F TO 120º F.
3. IF WOODEN STAKES ARE UTILIZED FOR SILT FENCE CONSTRUCTION, THEY MUST HAVE A DIAMETER OF 2 INCHES WHEN OAK IS USED AND 4 INCHES WHEN PINE IS USED. WOODEN STAKES MUST HAVE A MINIMUM LENGTH OF 5 FEET.
4. IF STEEL POSTS (STANDARD "U" OR "T" SECTION) ARE UTILIZED FOR SILT FENCE CONSTRUCTION, THEY MUST HAVE A MINIMUM WEIGHT OF 1.33 POUNDS PER LINEAR FOOT AND SHALL HAVE A MINIMUM LENGTH OF 5 FEET.
5. WIRE FENCE REINFORCEMENT FOR SILT FENCES USING STANDARD-STRENGTH FILTER CLOTH SHALL BE A MINIMUM OF 14 GAUGE AND SHALL HAVE A MAXIMUM MESH SPACING OF 6 INCHES.

SILT FENCE INSTALLATION

1. THE HEIGHT OF A SILT FENCE SHALL BE A MINIMUM OF 16 INCHES ABOVE THE ORIGINAL GROUND SURFACE AND SHALL NOT EXCEED 34 INCHES ABOVE GROUND ELEVATION.
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE UNAVOIDABLE, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED.
3. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4-INCHES WIDE AND 4-INCHES DEEP ON THE UPSLOPE SIDE OF THE PROPOSED LOCATION OF THE MEASURE.
4. WHEN WIRE SUPPORT IS NOT USED, EXTRA-STRENGTH FILTER CLOTH SHALL BE USED. POSTS FOR THIS TYPE OF FABRIC SHALL BE PLACED A MAXIMUM OF 6- FEET APART (SEE PLATE 3.05-2). THE FILTER FABRIC SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING ONE INCH LONG (MINIMUM) HEAVY-DUTY WIRE STAPLES OR TIE WIRES AND EIGHT INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT BE STAPLED TO EXISTING TREES. THIS METHOD OF INSTALLATION HAS BEEN FOUND TO BE MORE COMMONPLACE THAN #4.
5. IF A SILT FENCE IS TO BE CONSTRUCTED ACROSS A DITCH LINE OR SWALE, THE MEASURE MUST BE OF SUFFICIENT LENGTH TO ELIMINATE ENDFLOW, AND THE PLAN CONFIGURATION SHALL RESEMBLE AN ARC OR HORSESHOE WITH THE ENDS ORIENTED UPSLOPE (SEE PLATE 3.05-2). EXTRA-STRENGTH FILTER FABRIC SHALL BE USED FOR THIS APPLICATION WITH A MAXIMUM 3-FOOT SPACING OF POSTS. ALL OTHER INSTALLATION REQUIREMENTS NOTED IN #5 APPLY.
6. THE 4-INCH BY 4-INCH TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
7. SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

SILT FENCE MAINTENANCE

1. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED SILT FENCE RESULTING FROM END RUNS AND UNDERCUTTING.
3. SHOULD THE FABRIC ON A SILT FENCE DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
4. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
5. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEED.

CONSTRUCTION ENTRANCE SPECIFICATIONS

1. THE AREA OF THE ENTRANCE MUST BE EXCAVATED A MINIMUM OF 3 INCHES AND MUST BE CLEARED OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL. THE FILTER FABRIC UNDERLINER WILL THEN BE PLACED THE FULL WIDTH AND LENGTH OF THE ENTRANCE.
2. FOLLOWING THE INSTALLATION OF THE FILTER CLOTH, THE STONE SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS. CONVEYANCE OF SURFACE WATER UNDER ENTRANCE, THROUGH CULVERTS, SHALL BE PROVIDED AS REQUIRED. IF SUCH CONVEYANCE IS IMPOSSIBLE, THE CONSTRUCTION OF A "MOUNTABLE" BERM WITH 5:1 SLOPES WILL BE PERMITTED.
3. THE FILTER CLOTH UTILIZED SHALL BE A WOVEN OR NONWOVEN FABRIC CONSISTING ONLY OF CONTINUOUS CHAIN POLYMERIC FILAMENTS OR YARNS OF POLYESTER. THE FABRIC SHALL BE INERT TO COMMONLY ENCOUNTERED CHEMICALS AND HYDROCARBONS, BE MILDEW AND ROT RESISTANT, AND CONFORM TO THE PHYSICAL PROPERTIES NOTED IN TABLE 3.02-A.

CONSTRUCTION ENTRANCE MAINTENANCE

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING AND REWORKING OF EXISTING STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRUCKS TO REMOVE MATERIALS DROPPED, WASHED, OR TRACKED ONTO ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.

GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER

1. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED.
2. COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH AS INDICATED ON PLATE 3.07-2. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.
3. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND OR REPLACED.

NOTE: THIS FILTERING DEVICE HAS NO OVERFLOW MECHANISM; THEREFORE, PONDING IS LIKELY ESPECIALLY IF SEDIMENT IS NOT REMOVED REGULARLY. THIS TYPE OF DEVICE MUST NEVER BE USED WHERE OVERFLOW MAY ENDANGER AN EXPOSED FILL SLOPE. CONSIDERATION SHOULD ALSO BE GIVEN TO THE POSSIBLE EFFECTS OF PONDING ON TRAFFIC MOVEMENT, NEARBY STRUCTURES, WORKING AREAS, ADJACENT PROPERTY, ETC.

GRAVEL CURB INLET SEDIMENT FILTER

1. WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE PLACED OVER THE CURB INLET OPENING SO THAT AT LEAST 12 INCHES OF WIRE EXTENDS ACROSS THE INLET COVER AND AT LEAST 12 INCHES OF WIRE EXTENDS ACROSS THE CONCRETE GUTTER FROM THE INLET OPENING, AS DEPICTED IN PLATE 3.07-6.
2. STONE SHALL BE PILED AGAINST THE WIRE SO AS TO ANCHOR IT AGAINST THE GUTTER AND INLET COVER AND TO COVER THE INLET OPENING COMPLETELY.
3. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE BLOCK, CLEANED AND REPLACED.

MAINTENANCE

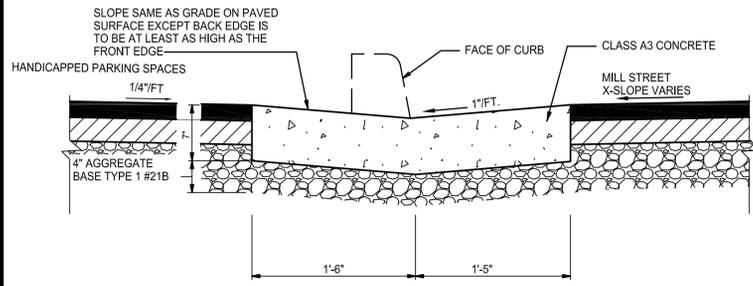
THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.

SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

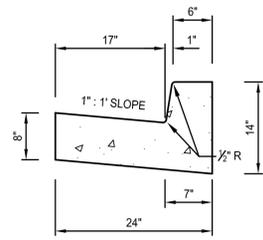
STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.

90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION

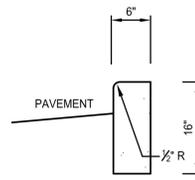
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			TECH. REVIEW:			
			DATE: December 21, 2005			



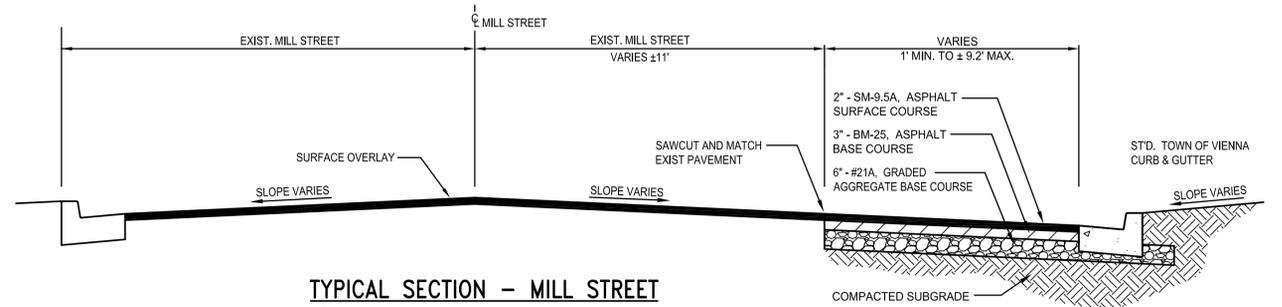
**CONCRETE GUTTER ALONG MILL STREET
ADJACENT TO HANDICAPPED PARKING SPACES**
NO SCALE



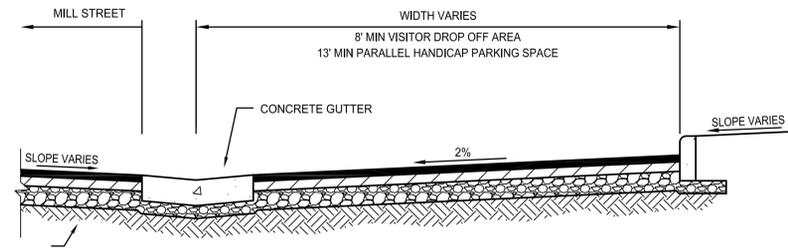
**TOWN OF VIENNA
ST'D CURB & GUTTER**
NO SCALE



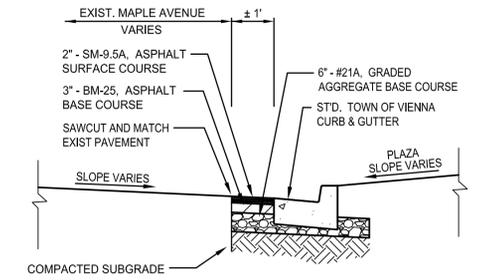
**TOWN OF VIENNA
ST'D CURB**
NO SCALE



**TYPICAL SECTION – MILL STREET
ADDITIONAL PAVEMENT FOR SPLITTER**
NO SCALE

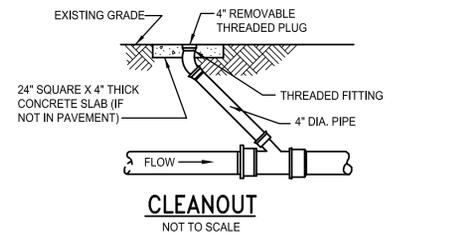


**TYPICAL SECTION – MILL STREET
HANDICAP & VISITOR DROP OFF PARKING SPACES**
NO SCALE

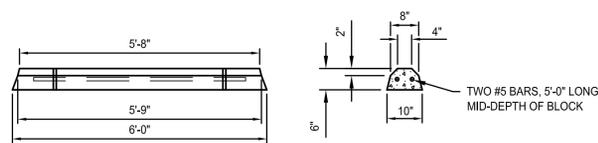
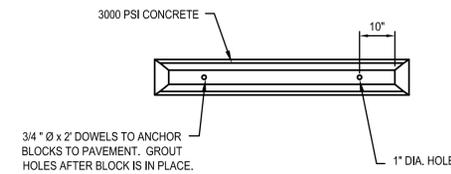


**TYPICAL SECTION – MAPLE AVENUE
CURB & GUTTER**
NO SCALE

PAVEMENT NOTES:
1. SUBGRADE TO BE PREPARED IN ACCORDANCE WITH VDH&T ROAD & BRIDGE SPECIFICATIONS.

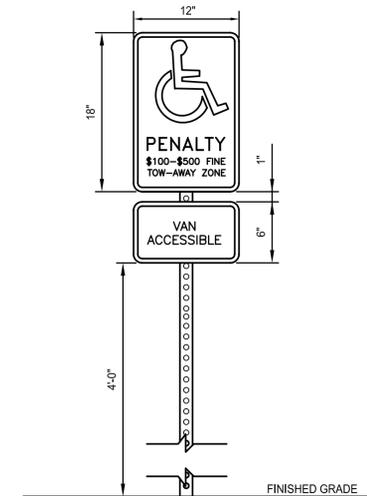


CLEANOUT
NOT TO SCALE

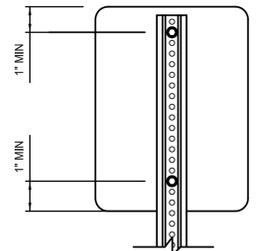


**TYPICAL LOCATION OF WHEEL STOPS
FROM EDGE OF PAVEMENT**
NOT TO SCALE

PRECAST CONCRETE WHEEL STOP
NOT TO SCALE



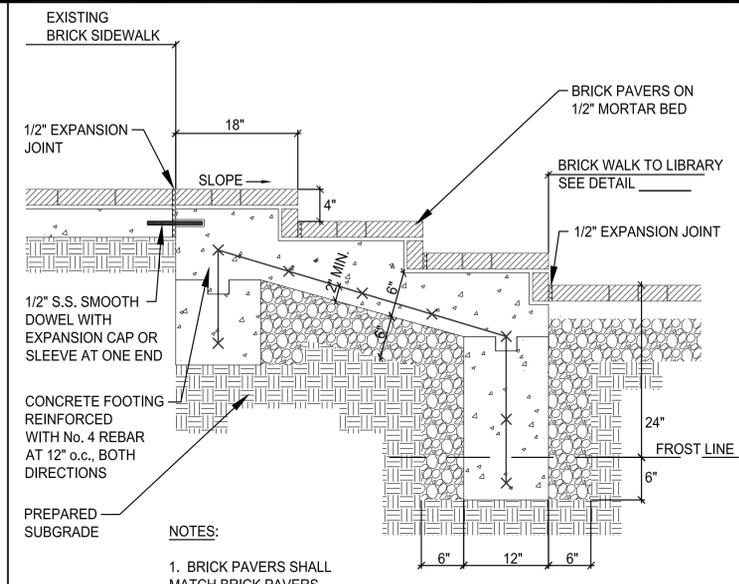
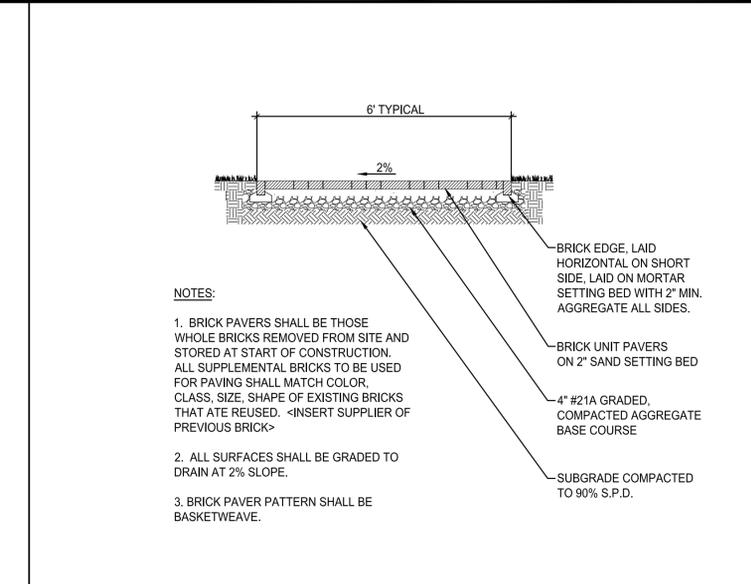
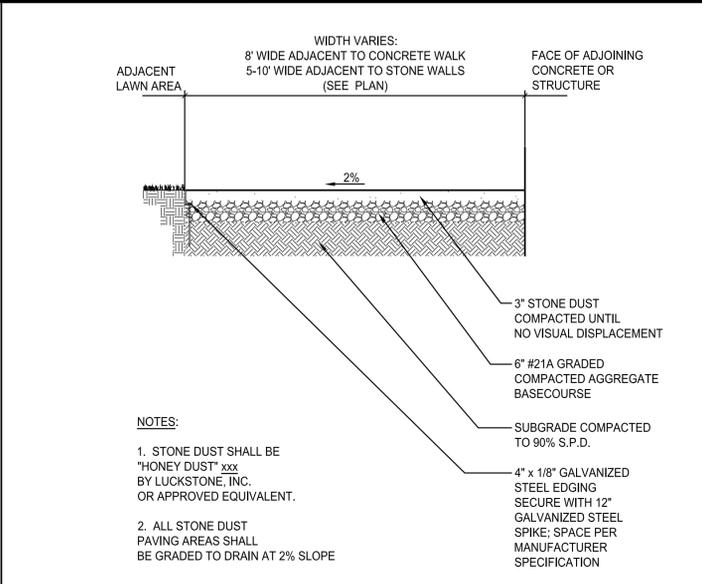
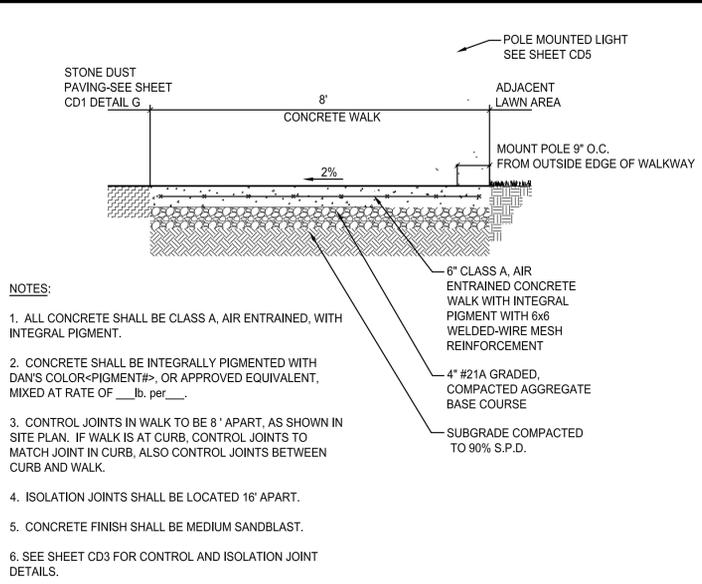
NOTES:
1. SIGNS TO HAVE WHITE BACKGROUND WITH GREEN LETTERING AND BORDERS
2. WHEELCHAIR LOGO SHALL BE BLUE
3. REFER TO CIVIL DRAWINGS FOR SIGN LOCATIONS
4. POSTS SHALL BE U-TYPE ROLLED RAIL STEEL POSTS AT 1.33 LBS/FT, PAINTED GREEN, EMBEDDED 30"
5. VAN ACCESSIBLE SIGN ONLY APPLIES WHERE NOTED ON PLANS.



SIGN MOUNTING DETAILS
NOT TO SCALE

90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION

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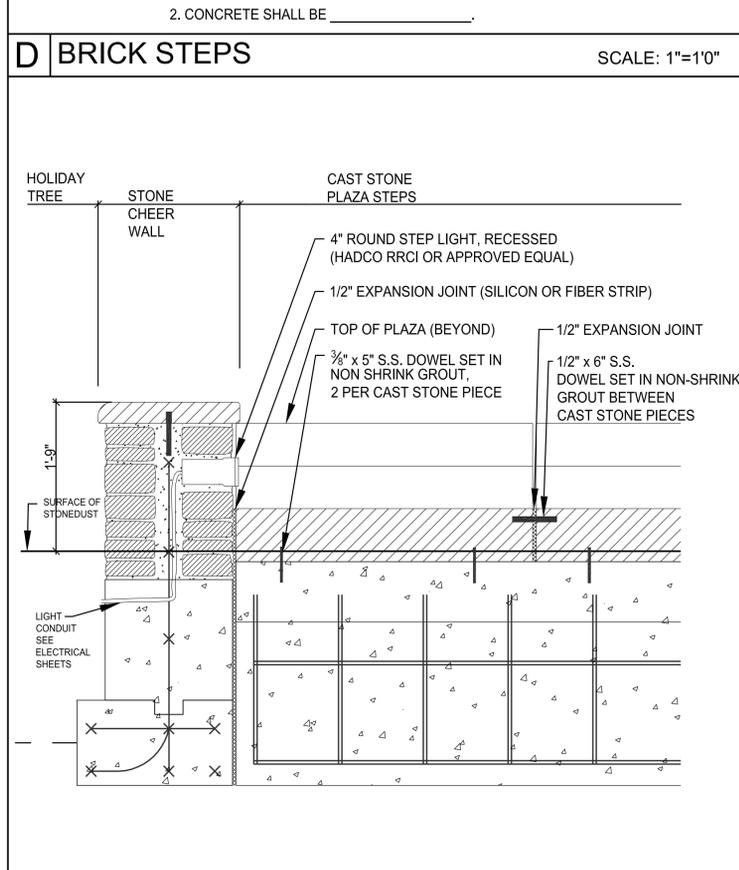
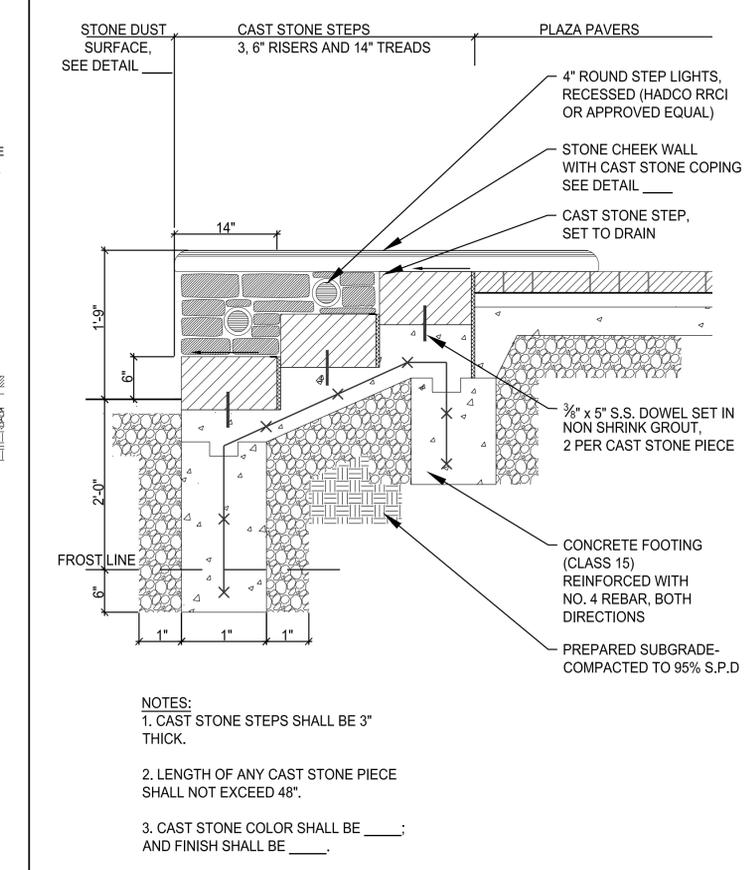
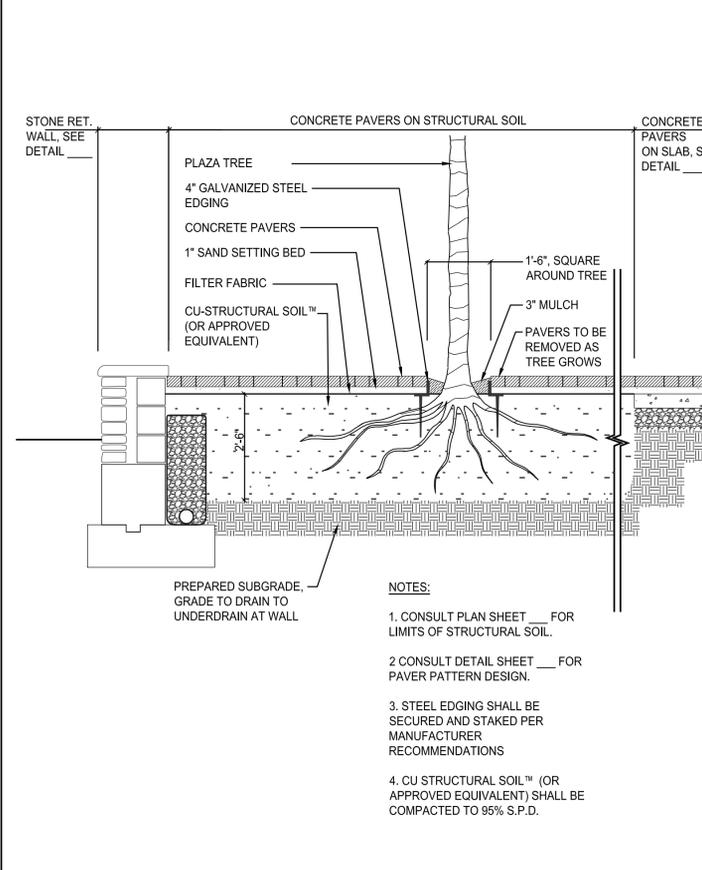
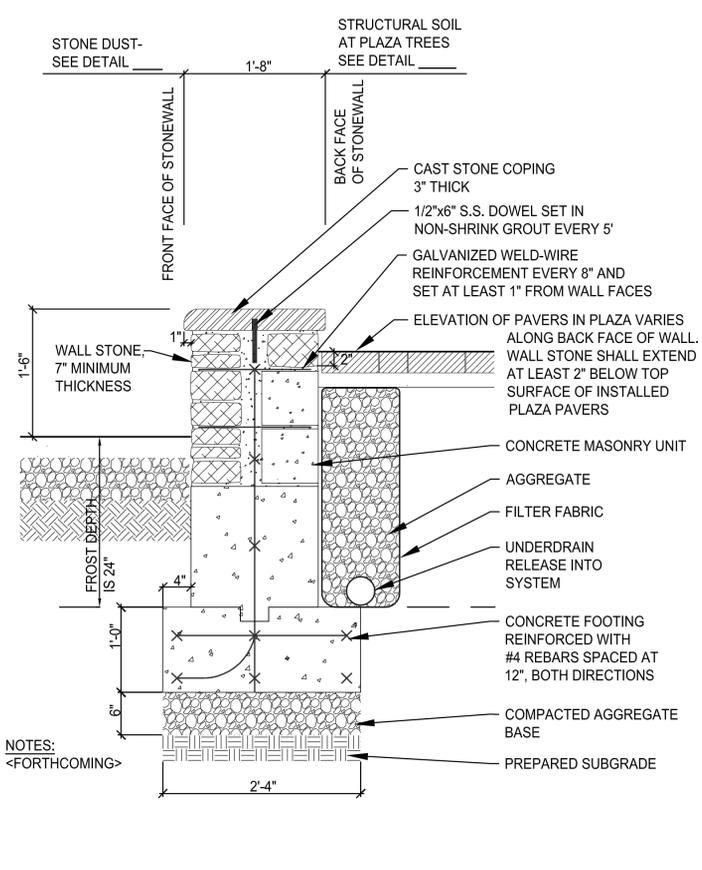


A PIGMENTED CONCRETE PAVING SCALE: 1/2"=1'0"

B STONE DUST PAVING SCALE: 1/2"=1'0"

C BRICK WALKWAY SCALE: 1/2"=1'0"

D BRICK STEPS SCALE: 1"=1'0"



E RETAINING WALL SCALE: 1"=1'0"

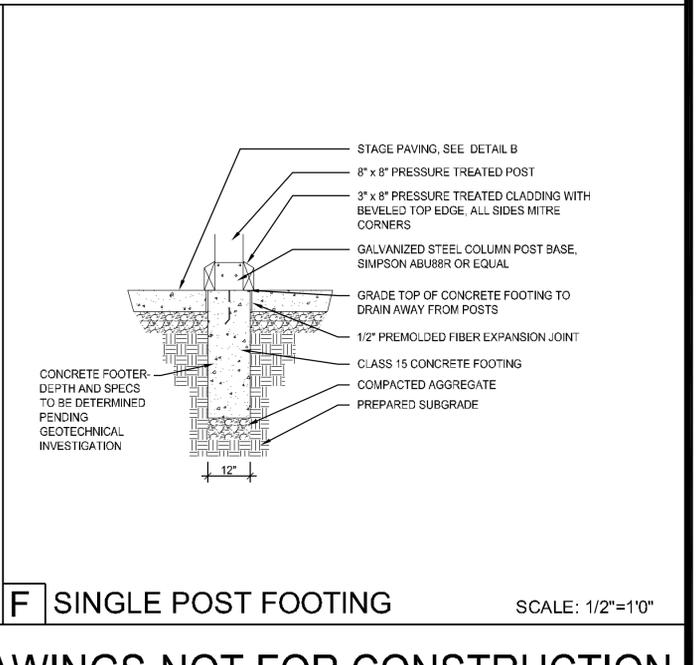
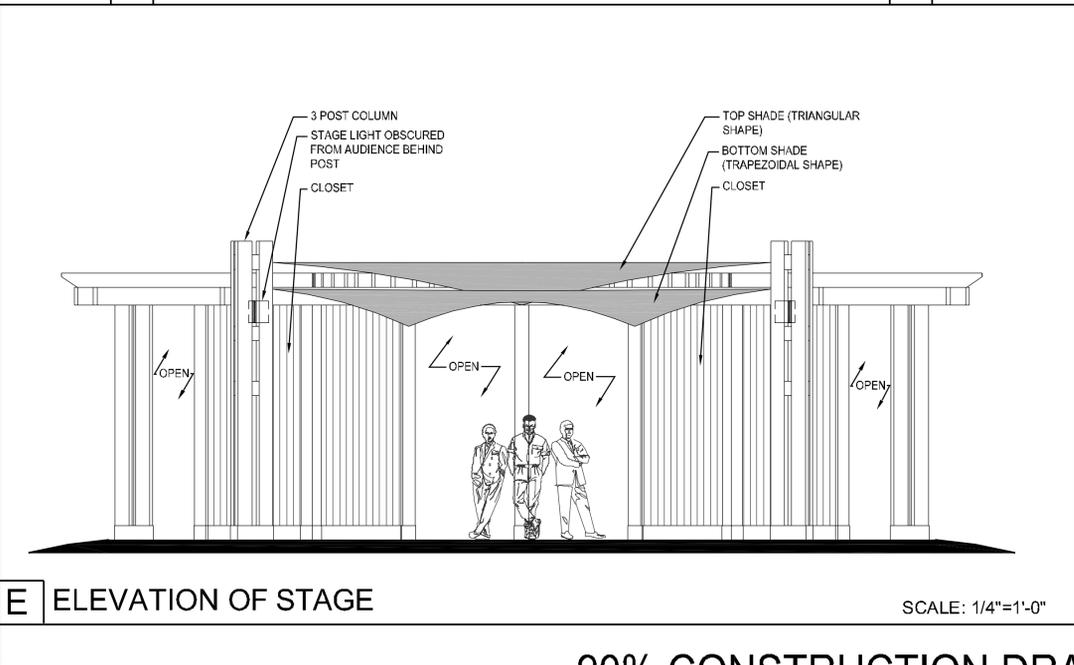
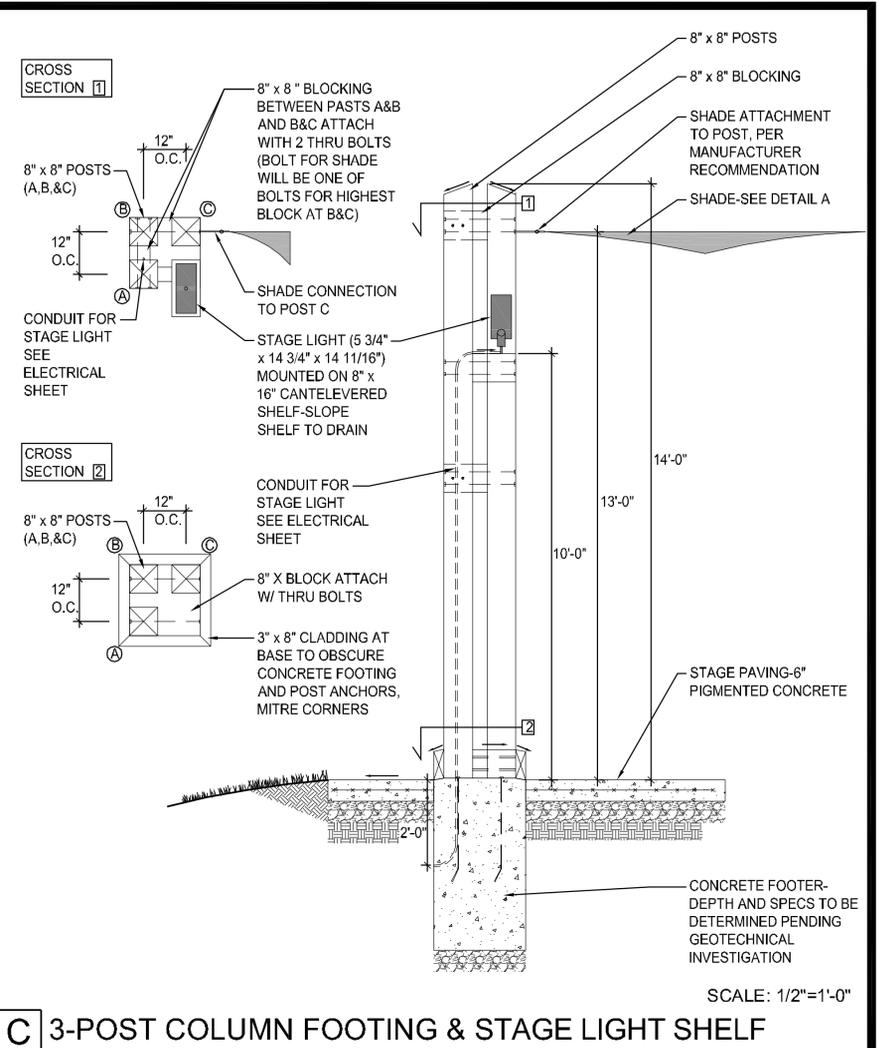
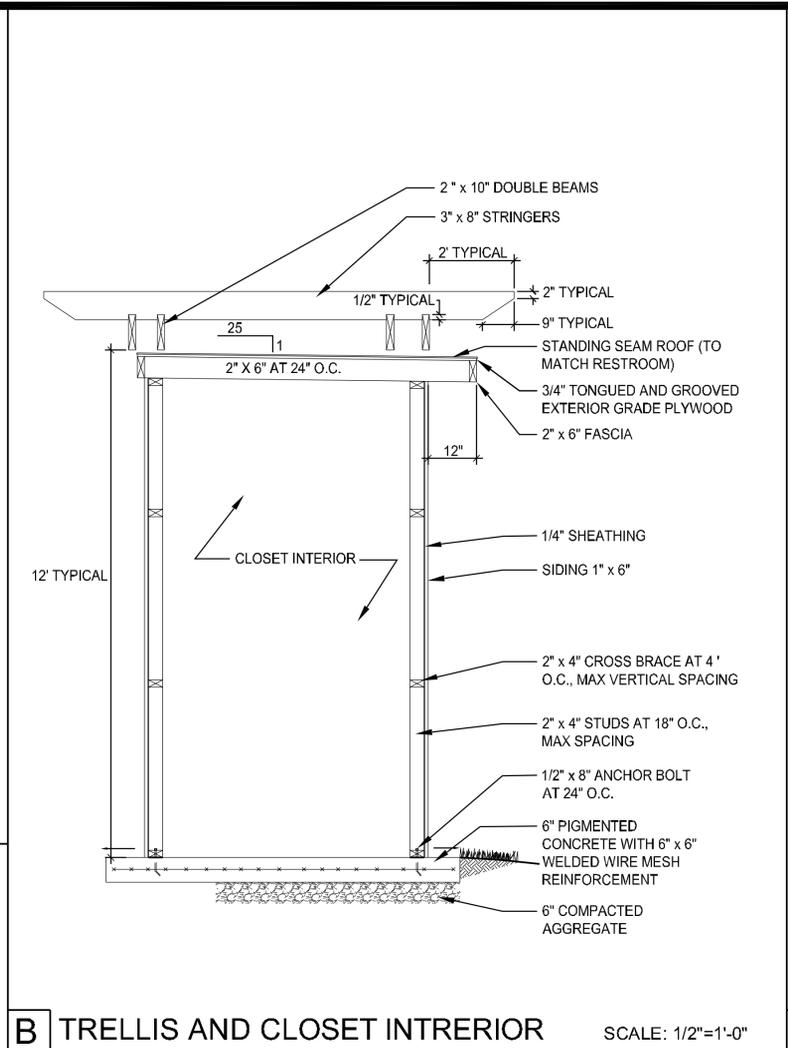
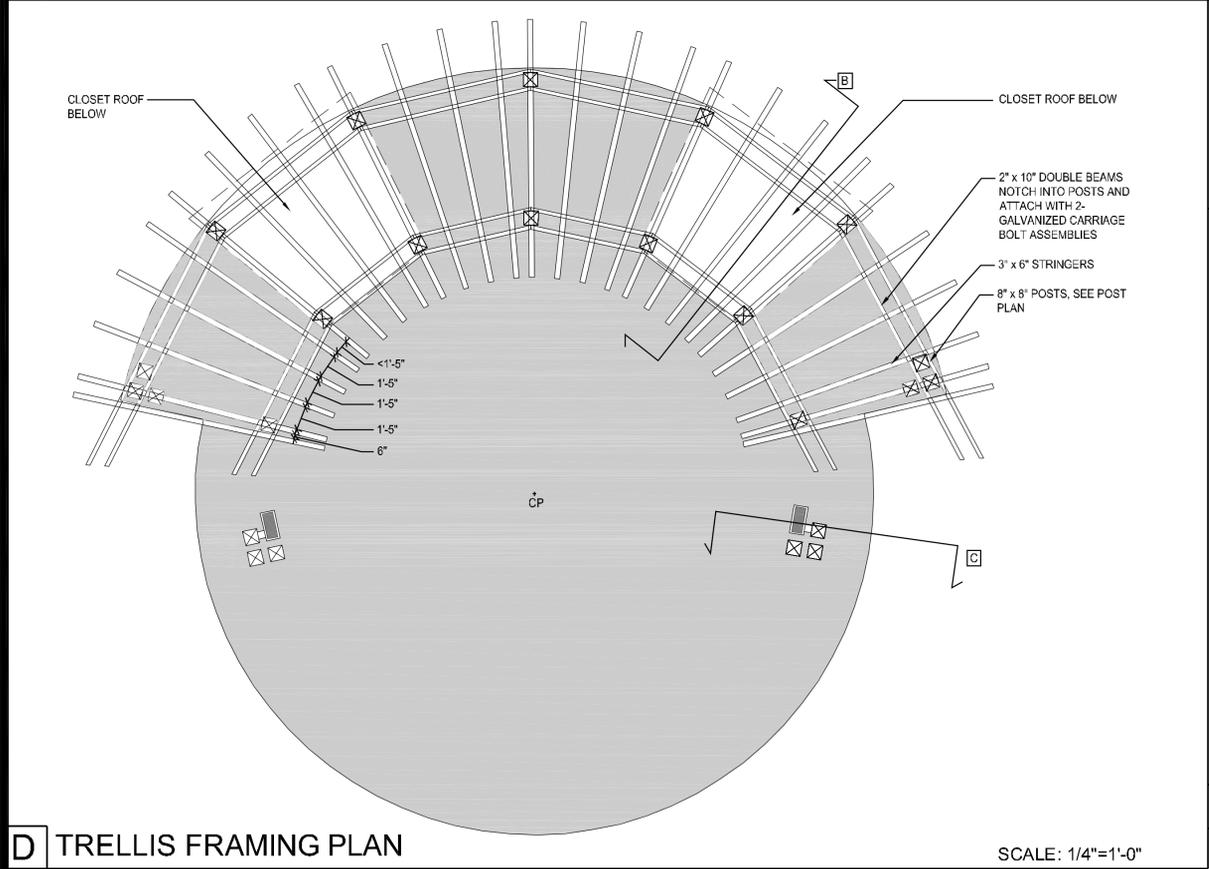
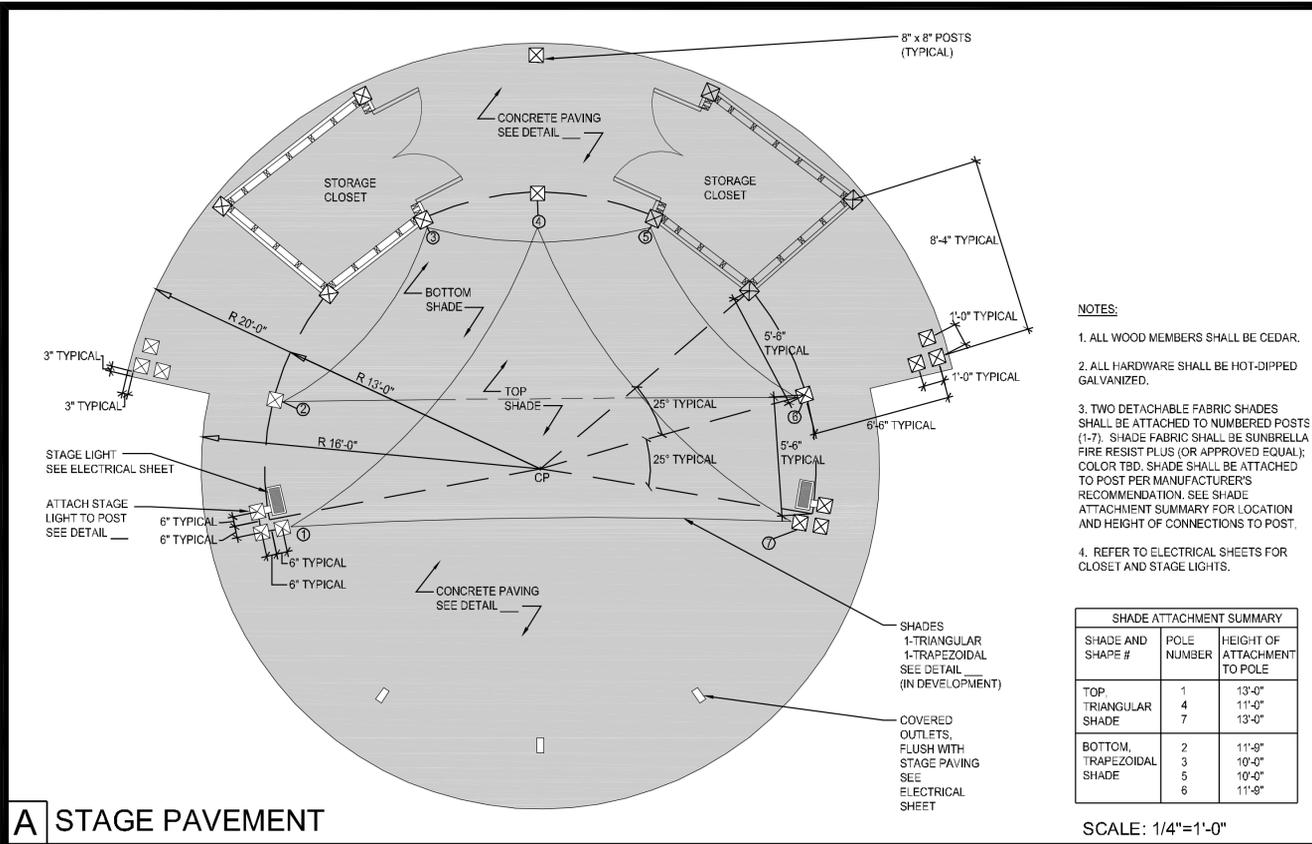
F PAVERS ON STRUCTURAL SOIL SCALE: 1/2"=1'0"

G CAST STONE STEPS, SECTION 1 SCALE: 1"=1'0"

G CAST STONE STEPS, SECTION 2 SCALE: 1"=1'0"

90% CONSTRUCTION DRAWINGS-NOT FOR CONSTRUCTION

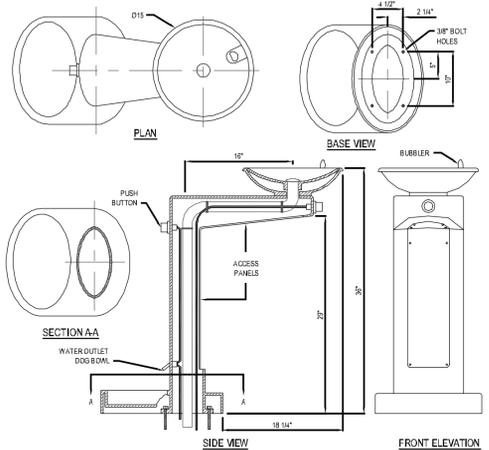
SURVEY	ELECTRICAL	ARCHITECT	LANDSCAPE ARCHITECT	ENGINEER	CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS	DESIGNED: EL, VM DRAWN: GM TECH. REVIEW: EL, VM DATE: 12/23/2005	SUB SHEET NO. CD2	TITLE OF SHEET CONSTRUCTION DETAILS PAVEMENT/PLAZA DETAILS 1 VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. PKG. NO. SHEET X OF X
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90% CONSTRUCTION DRAWINGS-NOT FOR CONSTRUCTION

SURVEY	ELECTRICAL	ARCHITECT	LANDSCAPE ARCHITECT	ENGINEER	CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: EL, VM DRAWN: GM TECH. REVIEW: EL, VM DATE: 12/23/2005	SUB SHEET NO. CD4	TITLE OF SHEET TRELLIS DETAILS VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. PKG. NO. SHEET OF
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CANTERBURY DESIGNS, INC. OR APPROVED EQUAL
 5632 W. WASHINGTON BLVD.
 LOS ANGELES, CA 90016
 1 (800) 935-7111
 PHONE (323) 936-7111
 FAX (323) 936-7115
 www.canterburyel.com

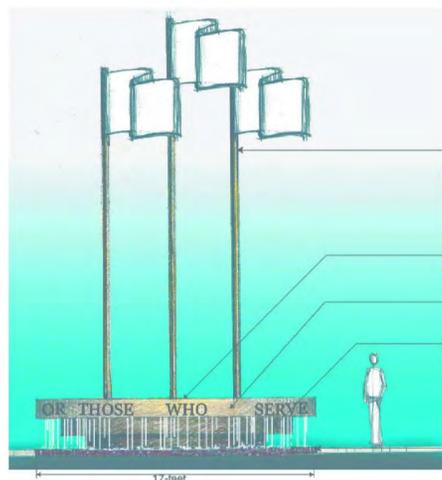


NOTES:
 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 2. DO NOT SCALE DRAWINGS.
 3. CONTRACTORS NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CANTERBURY.COM#REF ID: A62208.
 REFERENCE NUMBER 802708.

LOS ANGELES DRINKING FOUNTAIN
 WITH DOG BOWL

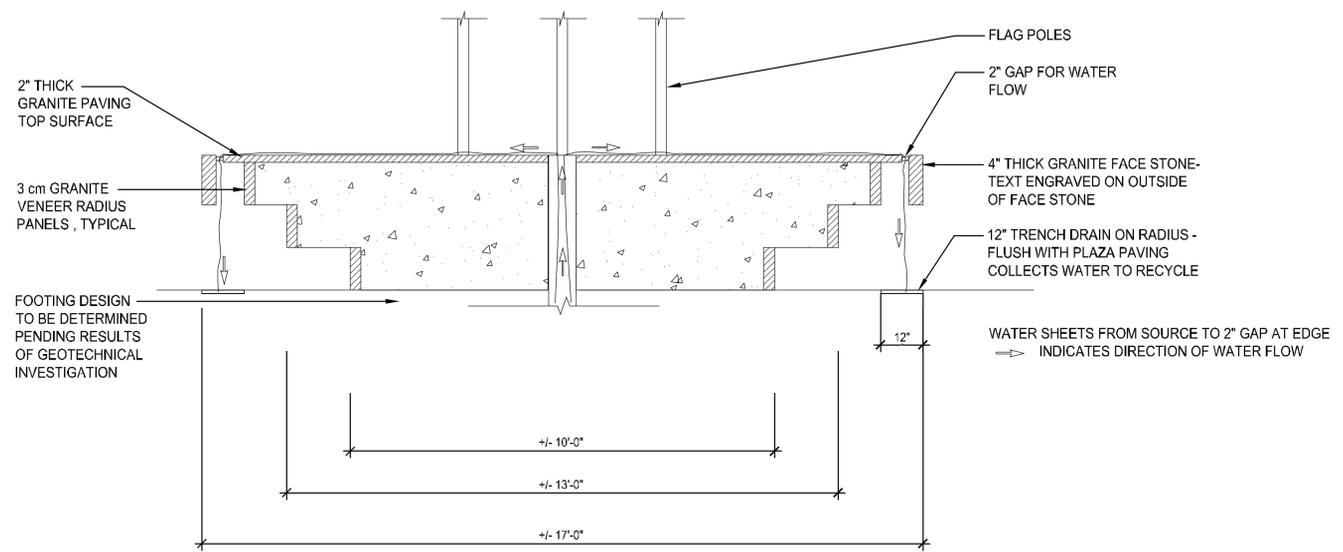
302-2108
 PROTECTED BY COPYRIGHT - 12/16/14
 COPYRIGHT & DISTINCTIVE PRODUCT CONFIGURATIONS OWNED BY CANTERBURY
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A DRINKING FOUNTAIN SCALE: NTS



Flag pole (Typ.)
 Water emerges from center of top tier and sheet flows to break behind facing stone and drops to trench drain
 Dedication text on facing stone surrounding top tier
 Stones step inward under top tier to form fountain base
 Flush trench drain surrounds fountain and collects water for recirculation

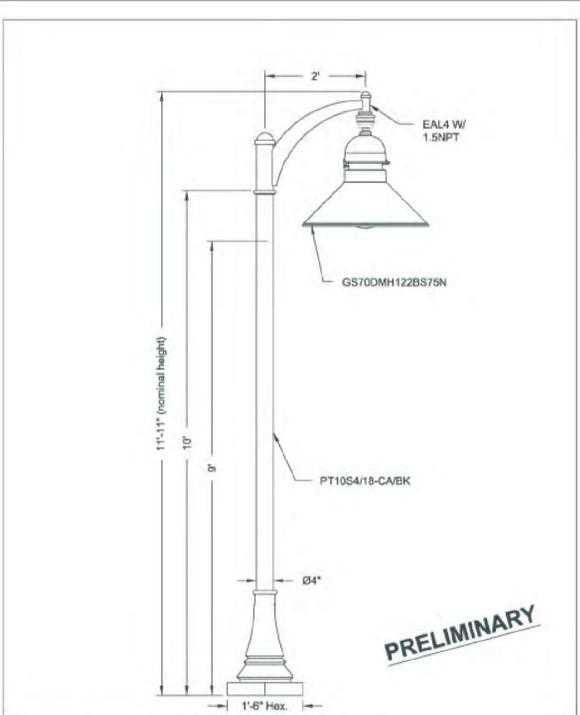
B WATER FEATURE ELEVATION SCALE: NTS



FOOTING DESIGN TO BE DETERMINED PENDING RESULTS OF GEOTECHNICAL INVESTIGATION

WATER SHEETS FROM SOURCE TO 2" GAP AT EDGE
 → INDICATES DIRECTION OF WATER FLOW

C WATER FEATURE: CROSS SECTION SCALE: 3/4" = 1'-0"

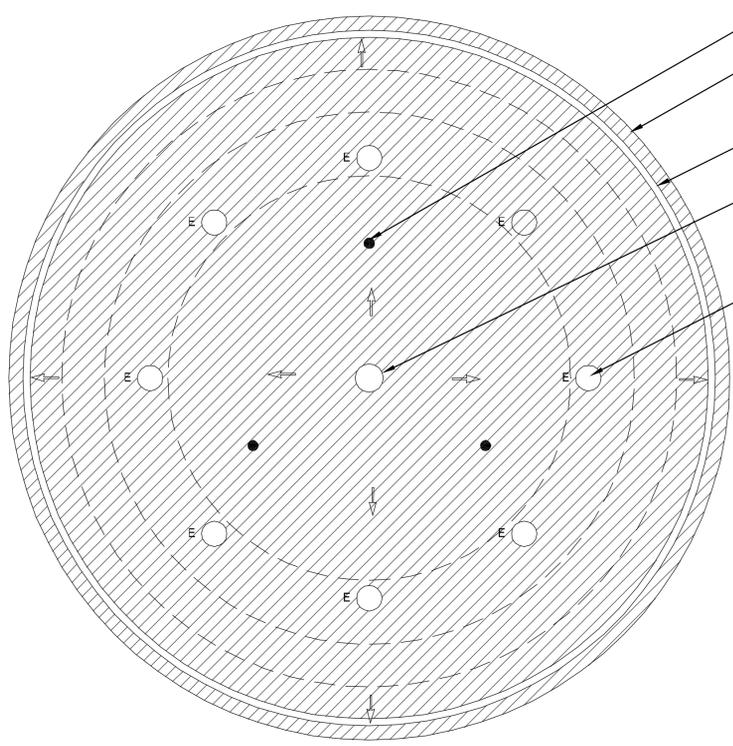


Vienna Town Green
 Vienna, VA

ORDER #	TYPE	DRAWING #
REVISION:	REVISION DATE:	TSG 000858
DRAWN: ACH	ORIGIN DATE: 12-12-05	PAGE 2

HOLOPHANE
 LEADER IN LIGHTING SOLUTIONS
 An Ecuity Brands Company

A DRINKING FOUNTAIN SCALE: NTS

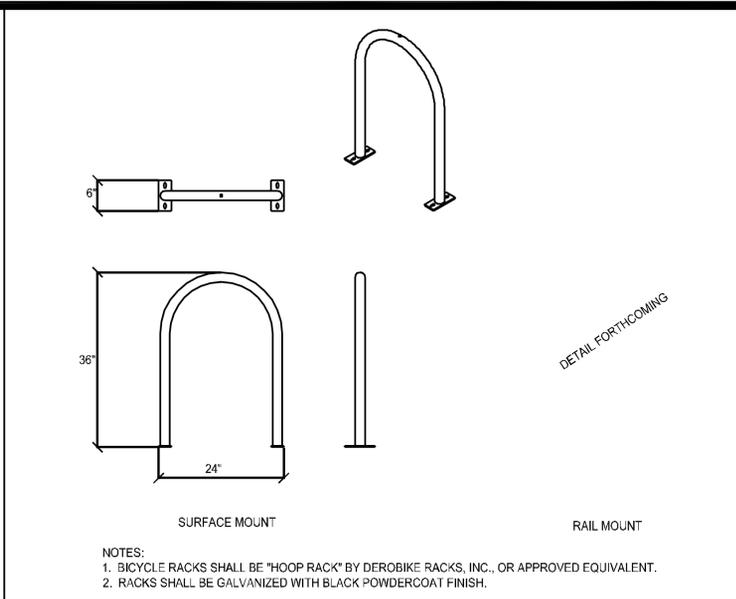
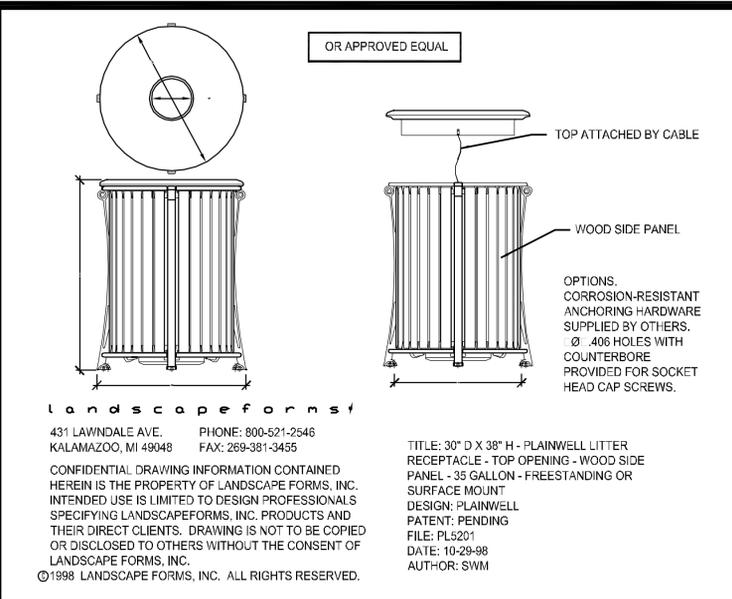
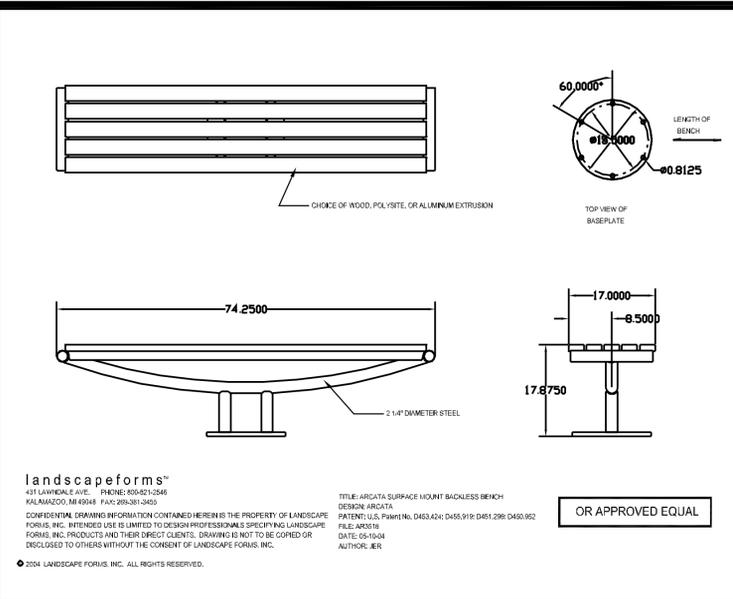
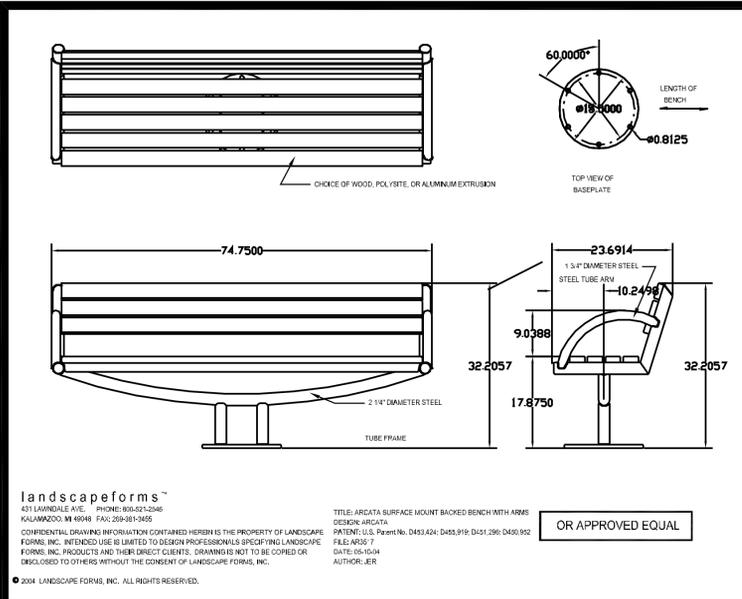


WATER SHEETS FROM SOURCE TO 2" GAP AT EDGE
 → INDICATES DIRECTION OF WATER FLOW

D WATER FEATURE: PLAN SCALE: 3/4" = 1'-0"

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SURVEY	ELECTRICAL	ARCHITECT	LANDSCAPE ARCHITECT	ENGINEER	CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: EL, VM DRAWN: GM TECH. REVIEW: EL, VM DATE: 12/23/2005	SUB SHEET NO. CD5	TITLE OF SHEET CON. DETAILS- WATER FEATURE- SPINE LIGHTS VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. PKG. NO. SHEET — X — OF X
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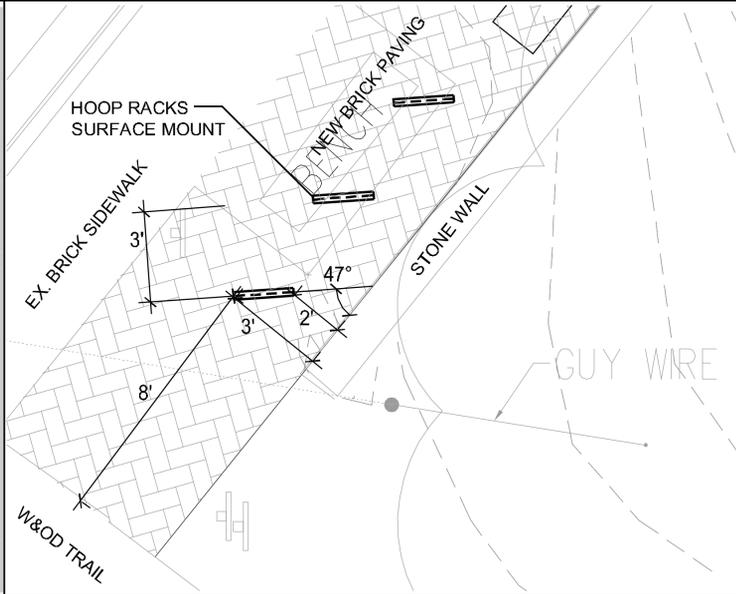
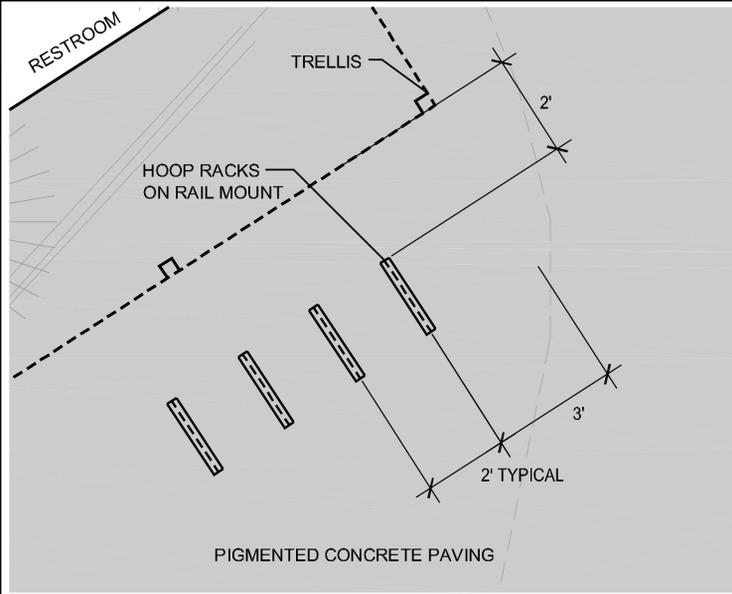
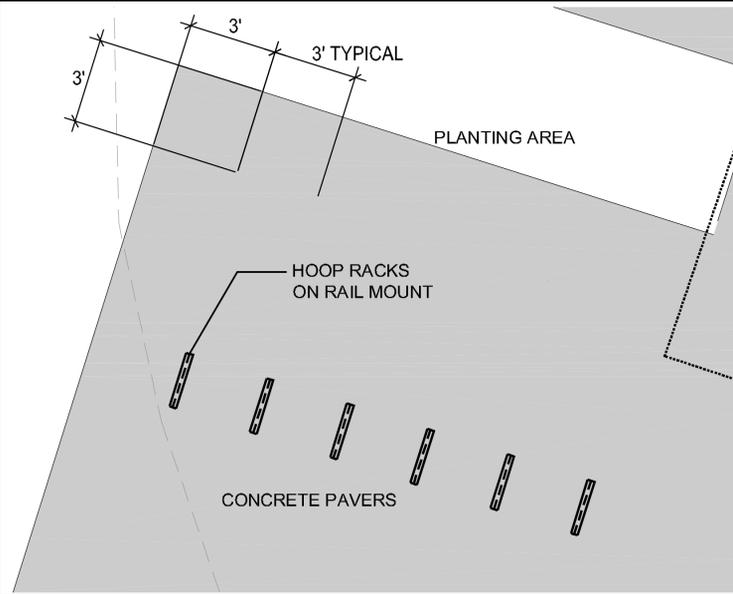
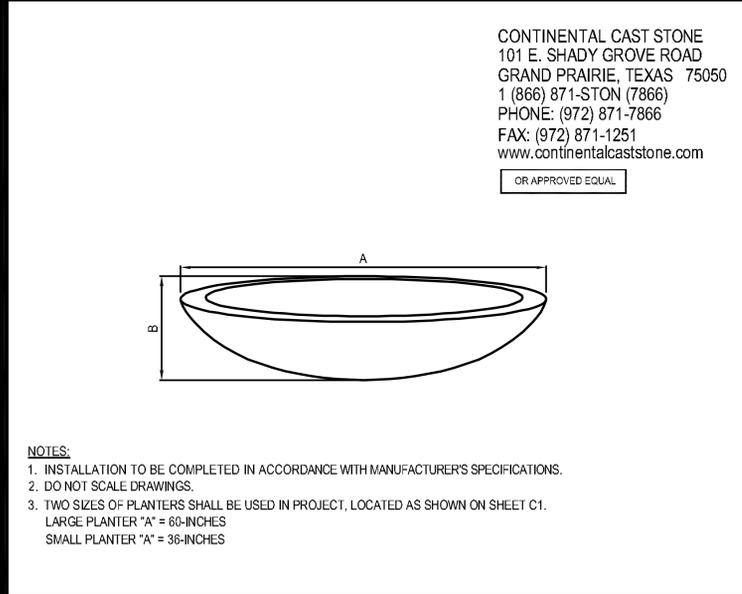


A BENCH-BACKED SCALE:

B BENCH-BACKLESS SCALE:

C WASTE RECEPTACLE SCALE:

D BICYCLE RACKS SCALE: NTS



E PLANTER SCALE: NTS

F BICYCLE RACK LAYOUT 1 SCALE: NTS

G BICYCLE RACK LAYOUT 2 SCALE: NTS

H BICYCLE RACK LAYOUT 3 SCALE: NTS

90% CONSTRUCTION DRAWINGS-NOT FOR CONSTRUCTION

SURVEY	ELECTRICAL	ARCHITECT	LANDSCAPE ARCHITECT	ENGINEER	CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: EL, VM DRAWN: GM TECH. REVIEW: EL, VM DATE: 12/23/2005	SUB SHEET NO. CD6	TITLE OF SHEET CONSTRUCTION DETAILS- SITE FURNISHINGS VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. PKG. NO. SHEET OF X
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DEMOLITION LEGEND

-  TO BE DEMOLISHED/REMOVED
-  TREE TO BE REMOVED
-  MILL AND RE-SURFACE ASPHALT PAVEMENT
-  ASPHALT/CONCRETE PAVEMENT TO BE DEMOLISHED/REMOVED.
- (TBR) TO BE REMOVED

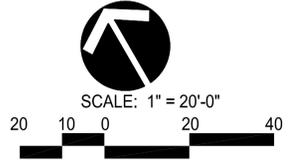
CHURCH ST., N.E.
(WIDTH VARIES)

MILL ST., N.E.
(WIDTH VARIES)

MAPLE AVENUE, EAST (RTE #123)
(WIDTH VARIES)

NORTHERN VIRGINIA REGIONAL PARK AUTHORITY
WASHINGTON AND OLD DOMINION TRAIL
ZONED RES
DEED BOOK 4893: PAGE 515

90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION



CIVIL ENGINEER:
Wiley & Wilson
Employee-Owned
6606 WEST BROAD STREET,
SUITE 500
RICHMOND, VIRGINIA 23230-1717
804-254-7242 ph
804-254-7257 fax

LANDSCAPE ARCHITECT:
LARDNER/KLEIN
LANDSCAPE ARCHITECTS, PC
814 KING ST., FOURTH FLOOR
ALEXANDRIA, VA 22314-3039
703-739-0972ph 1-800-337-1370ph
703-739-0973fax

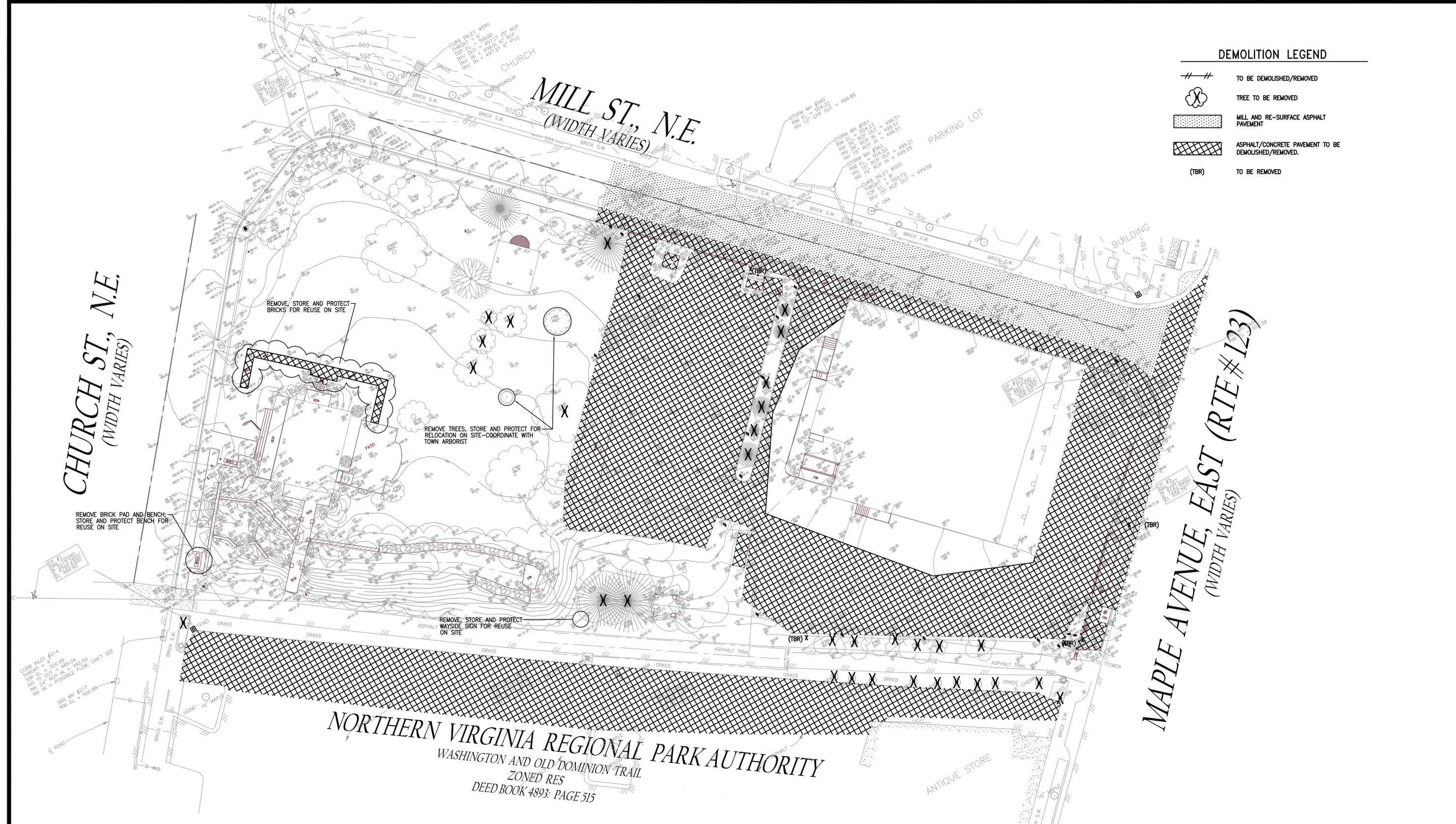
CONSTRUCTION DOCUMENTS
**DEPARTMENT OF
PARKS AND
RECREATION**

DESIGNED:
JHH
DRAWN:
JHH
TECH. REVIEW:
DATE:
December 21, 2005

SUB SHEET NO.
DM1

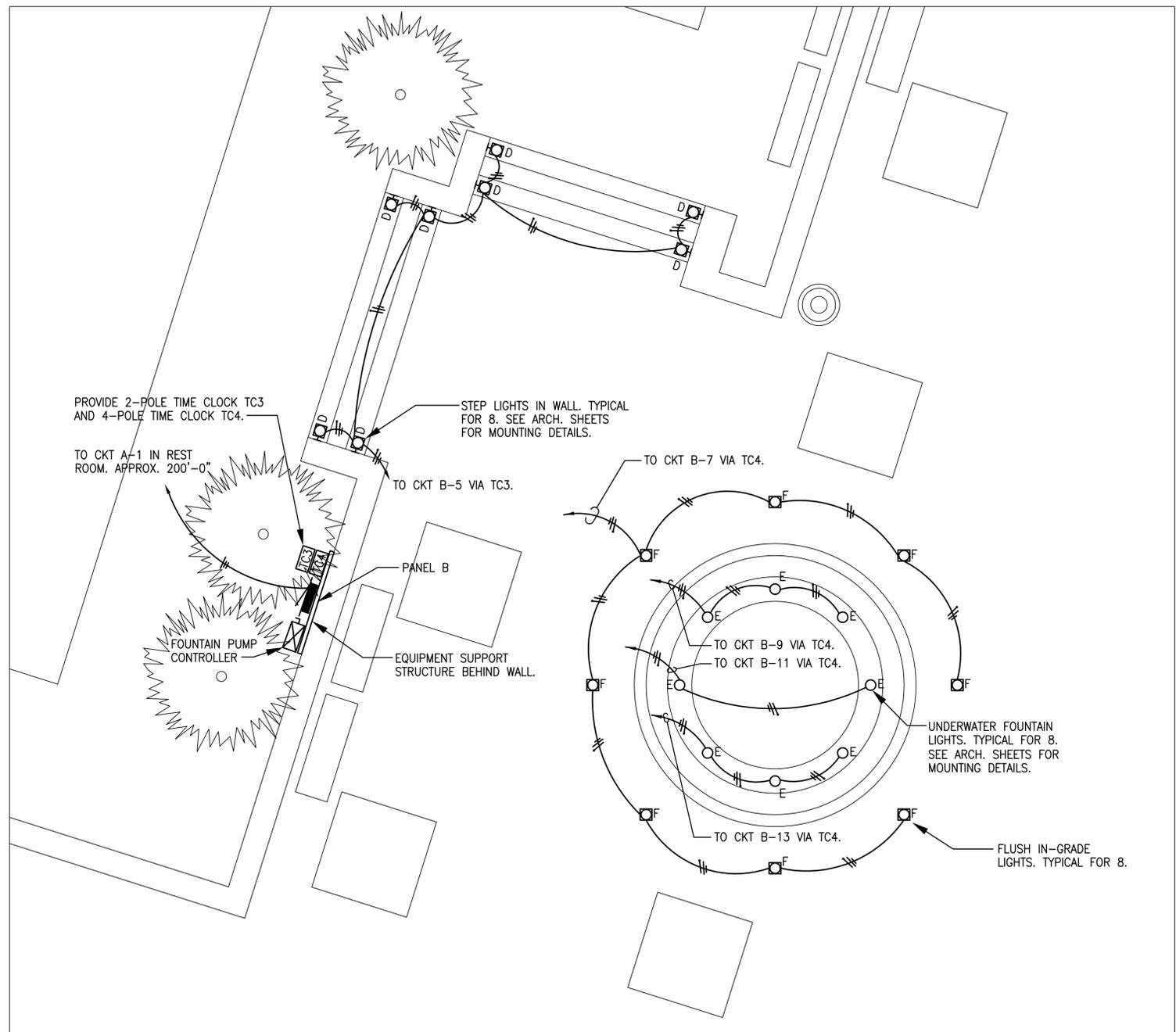
DEMOLITION PLAN
VIENNA TOWN GREEN
TOWN OF VIENNA

DRAWING NO.
PKG. NO. SHEET
DF



ELECTRICAL PLAN LEGEND

-  **A** 1' X 4' FLOURESCENT RECESSED CEILING LIGHTING FIXTURE. TYPE INDICATED.
-  **B** FLAT WALL MOUNTED FLUORESCENT LIGHTING FIXTURE. TOP: +8'-0" AFF
-  **C** SURFACE WALL MOUNTED EMERGENCY EGRESS LIGHT WITH 90 MINUTE EMERGENCY BATTERY PACK. MOUNTING HEIGHT: +8'-0" AFF. CONNECT AHEAD OF LIGHT SWITCH OR OCCUPANCY SENSOR..
-  **D** RECESSED ROUND INCANDESCENT STEP LIGHT. MOUNT IN STEP SIDE WALLS WHERE INDICATED ON ARCH. SHEETS.
-  **E** SURFACE MOUNTED, LOW PROFILE QUARTZ HALOGEN UNDERWATER LIGHTING FIXTURE. PROVIDE INSIDE FOUNTAIN WHERE INDICATED AND AIM TO ILLUMINATE FLAGPOLES.
-  **F** METAL HALIDE IN GRADE FLOOD LIGHT FIXTURE. PROVIDE LIGHT FIXTURE FLUSH WITH GRADE. AIM TO ILLUMINATE SIGNAGE ON SIDE OF FOUNTAIN.
-  **G** METAL HALIDE POST MOUNTED FLOOD LIGHT FIXTURE. INSTALL AS DETAILED ON ARCH. SHEETS. AIM TO ILLUMINATE STAGE.
-  **S** SINGLE POLE, 20 AMP, 120 VOLT WALL SWITCH. MOUNTING HEIGHT: +48" AFF.
-  **WP** 120 VOLT, 20 AMP, 3-WIRE, NEMA 5-20R DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE. MOUNTING HEIGHT: +48" AFF. WP INDICATES GFI RECEPTACLE WITH WEATHERPROOF COVER.
-  **WP** 120 VOLT, 20 AMP, 3-WIRE, NEMA 5-20R DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE MOUNTED ON 3/4" RIGID CONDUIT +6" AFF, WITH WEATHERPROOF COVER.
-  **WP** 120 VOLT, 20 AMP, 3-WIRE, NEMA 5-20R DUPLEX GROUND FAULT INTERRUPTER RECEPTACLE MOUNTED IN WATERTIGHT CAST IRON OR PVE FLOORBOX WITH HINGED, GASKETED COVER SET FLUSH IN CONCRETE STAGE WHERE INDICATED.
-  120/240 VOLT, SINGLE PHASE, 3-WIRE BRANCH PANELBOARD. SIZE AND DESCRIPTION AS SCHEDULED.
-  ELECTRIC MOTOR. SIZE IN HORSEPOWER AS INDICATED.
-  FUSED COMBINATION MAGNETIC STARTER. NEMA SIZE, POLES AND ENCLOSURE TYPE INDICATED.
-  2-POLE, 240 VOLT DISCONNECT SWITCH. AMPS, FUSED OR NON-FUSED AND ENCLOSURE TYPE INDICATED. MOUNTING HEIGHT: +54" AFF. UNLESS NOTED.
-  HOMERUN RACEWAY. CONDUIT SIZE AND NUMBER OF CONDUCTORS INDICATED OR SCHEDULED.
-  **TC** 120/240 VOLT, 20 AMP, 24 HOUR, 7 DAY TIME CLOCK. PROVIDE NUMBER OF SWITCHED POLES INDICATED. MOUNTING HEIGHT: +48" AFF. UNLESS NOTED.
-  **OS** SINGLE POLE, 20 AMP, 120 VOLT WALL OCCUPANCY SENSOR. MOUNTING HEIGHT: +48" AFF.



NOTE: SEE CIVIL DRAWINGS FOR FOUNTAIN LOCATION.

FOUNTAIN AREA PLAN

SCALE 1/4" = 1'-0"

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CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: CBR	SUB SHEET NO.	ELECTRICAL REST ROOM & FOUNTAIN PLANS	DRAWING NO. E01
			DRAWN: CBR			
			TECH. REVIEW: NEM		VIENNA TOWN GREEN TOWN OF VIENNA	XX
			DATE: 12/21/2005			Q

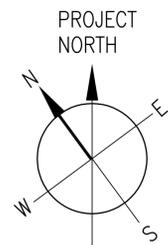
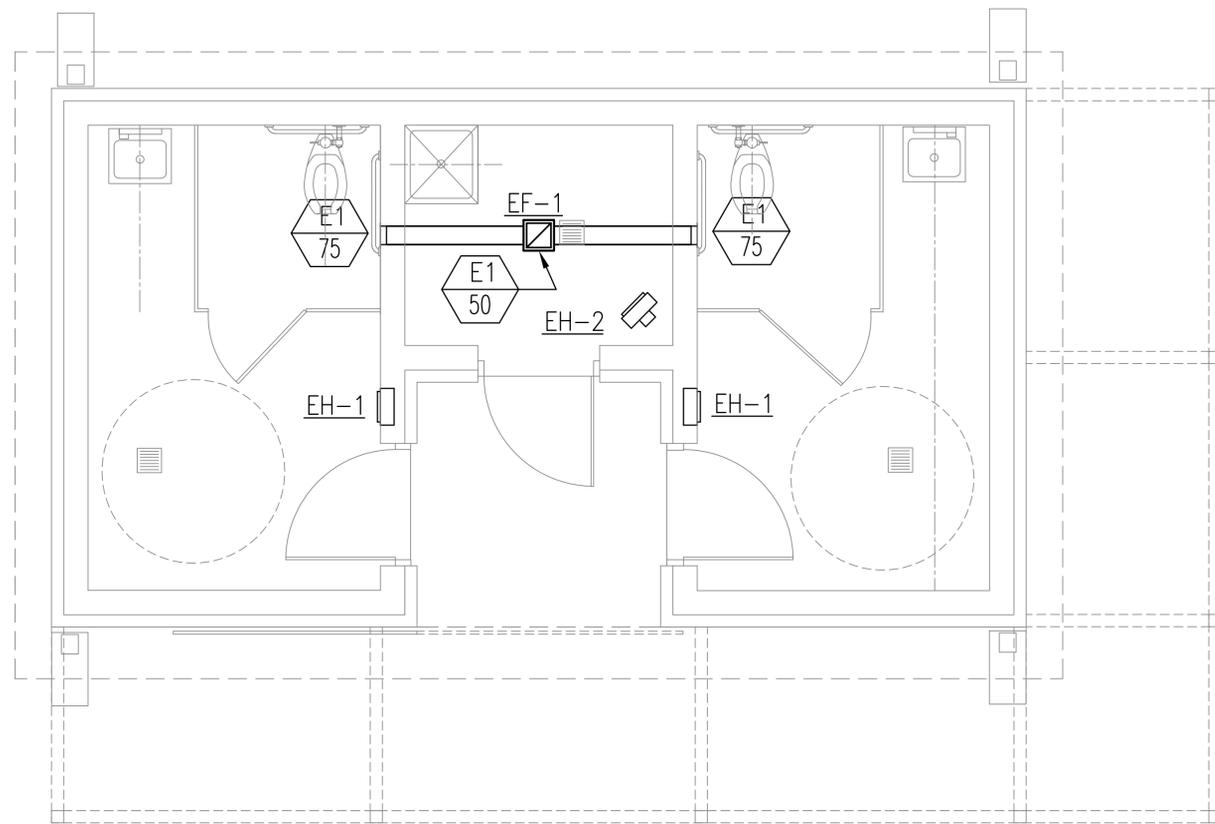
REST ROOM PANEL A SCHEDULE						12/20/05
240/120, 1 PHASE, 3 WIRE, SOLID NEUTRAL & GROUND BUS MB: 200 AMPS, 2 POLE, MIN. SHORT CIRCUIT RATING 10,000 SYM RMS AMPS SURFACE TRIM. UL SERVICE ENTRANCE RATED.						
CKT. NO.	DESCRIPTION	CONN KVA	BREAKER		SETS: WIRE / SIZE / CONDUIT	
			POLE	AMP		
1	FOUNTAIN PANEL B	12.2	2	100	1:3 #2 USE - 1-1/2".	
5	STAGE PANEL C	2.6	2	100	1:3 #2 USE - 1-1/2".	
9	SPINE PATH POLE LIGHTS	0.4	1	20	1:2 #12, #12G - 3/4".	
11	OUTSIDE WALL LIGHTS	0.1	1	20	1:2 #12, #12G - 3/4".	
13	PUBLIC REST ROOM LIGHTS	0.6	1	20	1:2 #12, #12G - 3/4".	
15	EXHAUST FAN EF-1	0.5	1	20	1:2 #12, #12G - 3/4".	
17	REST ROOM RECEPTACLES	0.6	1	20	1:2 #12, #12G - 3/4".	
19	SPARE		1	20		
21	SPARE		1	20		
23	SPARE		1	20		
25	SPARE		1	20		
27	SPARE		1	20		
29	SPARE		1	20		
2	MENS TOILET EH-1	2.0	2	20	1:2 #12, #12G - 3/4".	
6	WOMENS TOILET EH-1	2.0	2	20	1:2 #12, #12G - 3/4".	
10	JANITOR CLOSET EH-2	1.0	2	20	1:2 #12, #12G - 3/4".	
14	WATER HEATER DWH-1	1.0	1	20	1:2 #12, #12G - 3/4".	
18	SPARE		1	20		
20	SPARE		1	20		
22	SPARE		1	20		
24	SPARE		1	20		
26	SPARE		1	20		
28	SPARE		1	20		
30	SPARE		1	20		

FOUNTAIN AREA PANEL B SCHEDULE						12/20/05
240/120, 1 PHASE, 3 WIRE, SOLID NEUTRAL & GROUND BUS MB: 100 AMPS, 2 POLE, MIN. SHORT CIRCUIT RATING 10,000 SYM RMS AMPS NEMA-3R SURFACE TRIM. UL SERVICE ENTRANCE RATED.						
CKT. NO.	DESCRIPTION	CONN KVA	BREAKER		SETS: WIRE / SIZE / CONDUIT	
			POLE	AMP		
1	FOUNTAIN PUMP	6.7	2	60	1:2 #6, #10G - 3/4".	
5	STEP LIGHTS	0.1	1	20	1:2 #12, #12G - 3/4".	
7	FOUNTAIN IN-GRADE LIGHTS	0.6	1	20	1:2 #12, #12G - 3/4".	
9	FOUNTAIN IN-POOL LIGHTS	1.5	1	20	1:2 #12, #12G - 3/4".	
11	FOUNTAIN IN-POOL LIGHTS	1.5	1	20	1:2 #12, #12G - 3/4".	
13	FOUNTAIN IN-POOL LIGHTS	1.0	1	20	1:2 #12, #12G - 3/4".	
15	SPARE		1	20		
17	SPARE		1	20		
19	SPARE		1	20		
2	RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
4	RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
6	RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
8	RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
10	SPARE		1	20		
12	SPARE		1	20		
14	SPARE		1	20		
16	SPARE		1	20		
18	SPARE		1	20		
20	SPARE		1	20		

STAGE AREA PANEL C SCHEDULE						12/20/05
240/120, 1 PHASE, 3 WIRE, SOLID NEUTRAL & GROUND BUS MB: 100 AMPS, 2 POLE, MIN. SHORT CIRCUIT RATING 10,000 SYM RMS AMPS NEMA-3R SURFACE TRIM. UL SERVICE ENTRANCE RATED.						
CKT. NO.	DESCRIPTION	CONN KVA	BREAKER		SETS: WIRE / SIZE / CONDUIT	
			POLE	AMP		
1	STAGE LIGHTS	0.4	1	20	1:2 #12, #12G - 3/4".	
3	CLOSET LIGHTS	0.2	1	20	1:2 #12, #12G - 3/4".	
5	STAGE RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
7	STAGE RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
9	STAGE RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
11	TRELLIS RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
13	TRELLIS RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
15	SPARE		1	20		
17	SPARE		1	20		
19	SPARE		1	20		
2	TRELLIS RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
4	TRELLIS RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
6	EQUIPMENT RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
8	EQUIPMENT RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
10	CLOSET RECEPTACLE	0.2	1	20	1:2 #12, #12G - 3/4".	
12	SPARE		1	20		
14	SPARE		1	20		
16	SPARE		1	20		
18	SPARE		1	20		
20	SPARE		1	20		

90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION

CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: CBR	SUB SHEET NO.	ELECTRICAL SCHEDULES VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. E03
			DRAWN: CBR			TECH. REVIEW: NEM



MECHANICAL PLAN

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

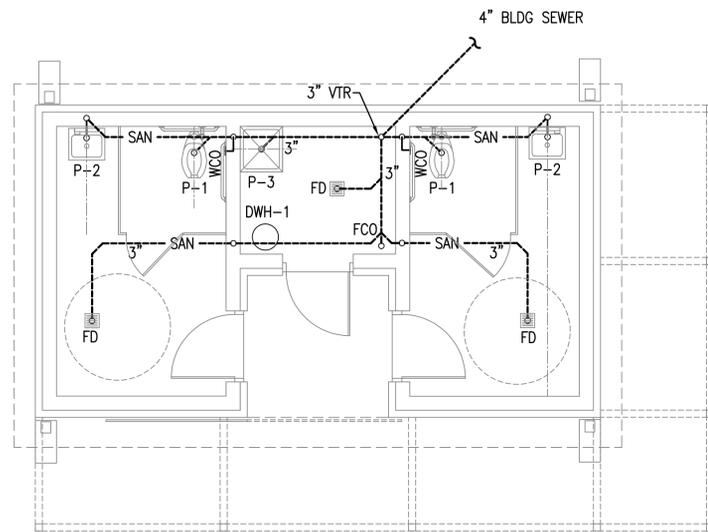
ELECTRIC HEATER SCHEDULE		
DESIGNATION	EH-1	EH-2
MANUFACTURER	QMARK	QMARK
MODEL	GFR2004	MUH03-21
TYPE	RECESSED IN WALL	UNIT HEATER
VOLTAGE/PHASE	240/1	240/1
AMPS	6.3	12.5
KW	1.5	3
BTUH	5122	10200
REMARKS	INSTALL 12" BELOW CEILING PROVIDE INTEGRAL THERMOSTAT AND MOUNTING BRACKETS	2 STAGE CONTROL PROVIDE INTEGRAL THERMOSTAT AND MOUNTING BRACKETS

EXHAUST FAN SCHEDULE	
DESIGNATION	EF-1
LOCATION	IN-LINE
MANUFACTURER	GREENHECK
MODEL NUMBER	CSP-A190
CAPACITY - CFM	200
STATIC PRESSURE - IN H ₂ O	0.25
VOLTS/PHASE	120/1
MOTOR SIZE - HP	3/20
FAN SPEED - RPM (MAX)	1400
REMARKS	DISCHARGE TO ROOF CAP SWITCH WITH LIGHTS

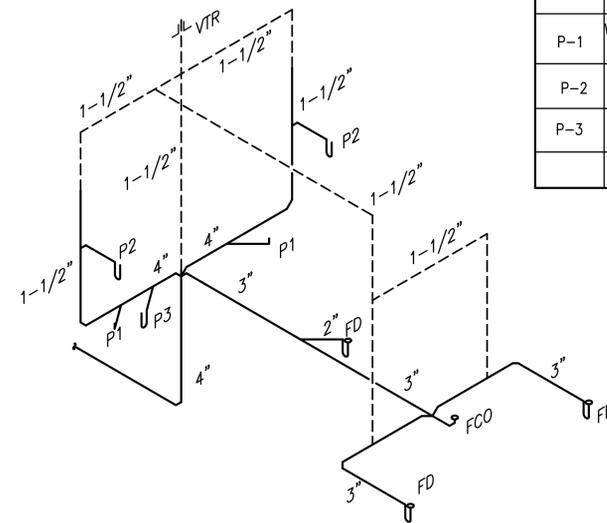
AIR DISTRIBUTION DEVICE SCHEDULE									
TAG NO.	DESCRIPTION	NECK SIZE	FRAME STYLE	ACCESSORIES	CONSTRUCTION	FINISH	MANUFACTURER	MODEL NO.	REMARKS
E-1	EXHAUST GRILLE	6x6	WALL MTD	OBD	STEEL	WHITE	TITUS	355RL	

90% CONSTRUCTION DRAWINGS - NOT FOR CONSTRUCTION

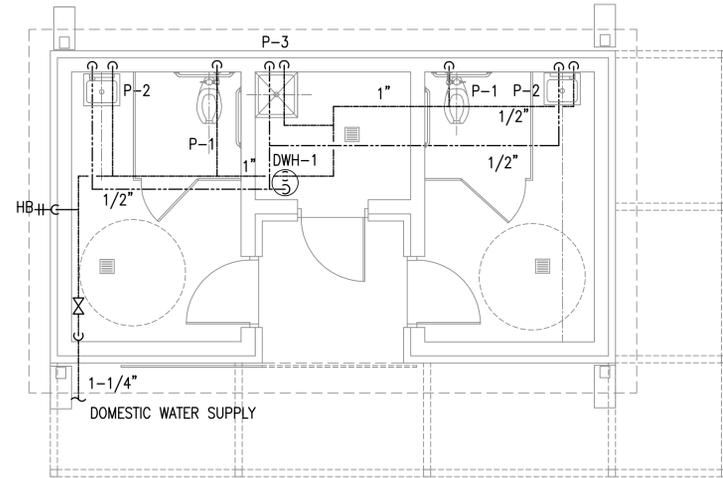
CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS DEPARTMENT OF PARKS AND RECREATION	DESIGNED: JCM	SUB SHEET NO. 	MECHANICAL PLAN, SCHEDULES DETAILS AND NOTES VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO. M01
			DRAWN: JCM			PKG. NO.
			TECH. REVIEW: NEM			OF Q
			DATE: 12/21/2005			



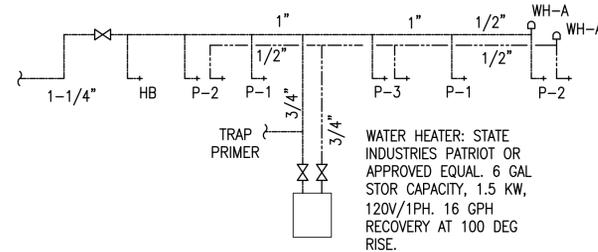
PLUMBING PLAN - SANITARY
SCALE: 1/4"=1'-0"



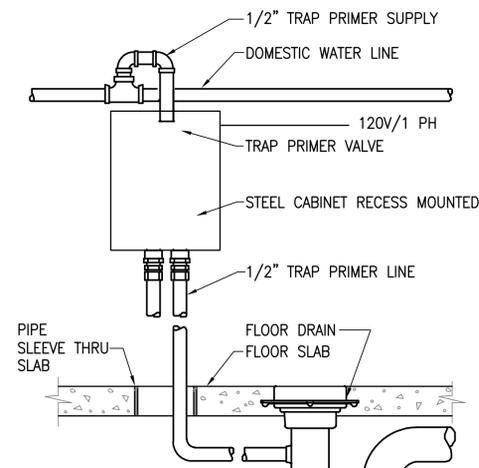
SANITARY RISER
NO SCALE



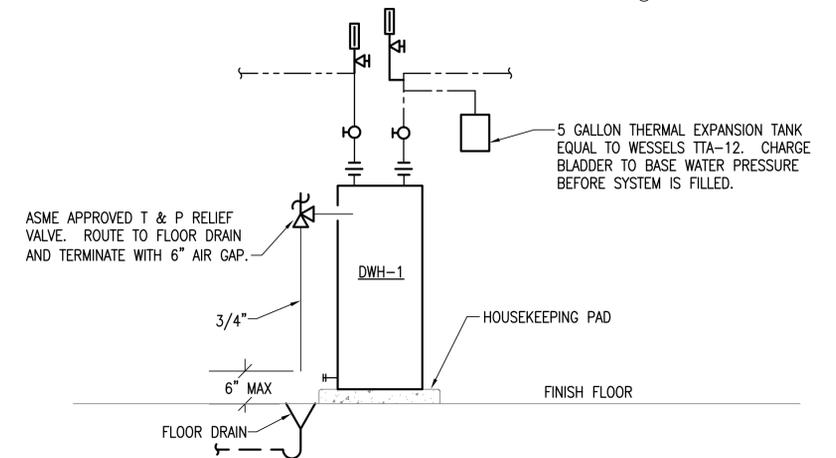
PLUMBING PLAN - SANITARY
SCALE: 1/4"=1'-0"



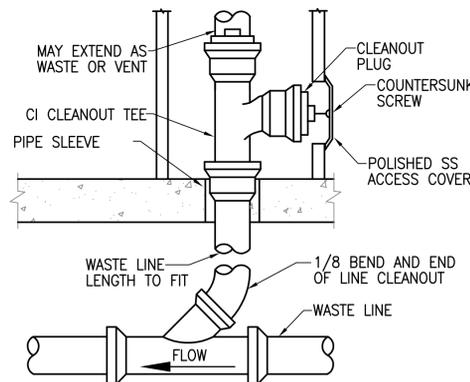
WATER RISER
NO SCALE



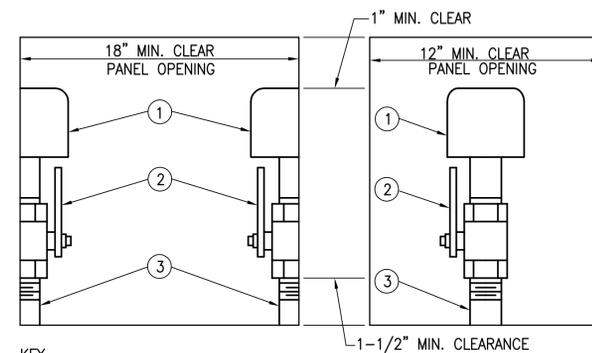
TRAP PRIMER SYSTEM DETAIL
SCALE: NONE



DOMESTIC HOT WATER HEATER PIPING DIAGRAM
NOT TO SCALE



WALL C.O. - FINISHED ROOMS DETAIL
SCALE: NONE



- KEY**
- ① WATER HAMMER ARRESTOR
 - ② BALL VALVE, SAME NOMINAL SIZE AS PIPE BRANCH IN CHASE OPENING IN BALL VALVE TO MATCH PIPE I.D.
 - ③ PIPE SAME SIZE AS BRANCH IN CHASE TO WHICH IT IS ATTACHED.

NOTE: PROVIDE REDUCER IF REQUIRED BETWEEN VALVE AND WATER HAMMER ARRESTOR.

WATER HAMMER ARRESTOR DETAIL
SCALE: NONE

FIXTURE SCHEDULE AND SPECIFICATIONS

DESIG.	FIXTURE	MODEL	MATERIAL	FLUSH VALVE	SUPPLY FTGS. & STOPS	TRAP	CARRIER	CONNECTION SIZES				NOTES
								WASTE	VENT	HOT	COLD	
P-1	WATER CLOSET	ADA	VITREOUS CHINA	1" SUPPLY 1.6 GAL. MAX	1 1/2" TOP SPUD ANGLE STOP	INTEGRAL	FLOOR	4"	2"	-	1"	
P-2	LAVATORY	ADA	VITREOUS CHINA	-	ANGLE STOPS	1 1/2"	WALL MOUNTED	1 1/2"	1 1/2"	1/2"	1/2"	
P-3	SERVICE SINK		STAINLESS STEEL	-	ANGLE STOPS	3"	FLOOR MOUNTED	3"	1 1/2"	3/4"	3/4"	

FLOOR DRAINS AND TRAPS SCHEDULE

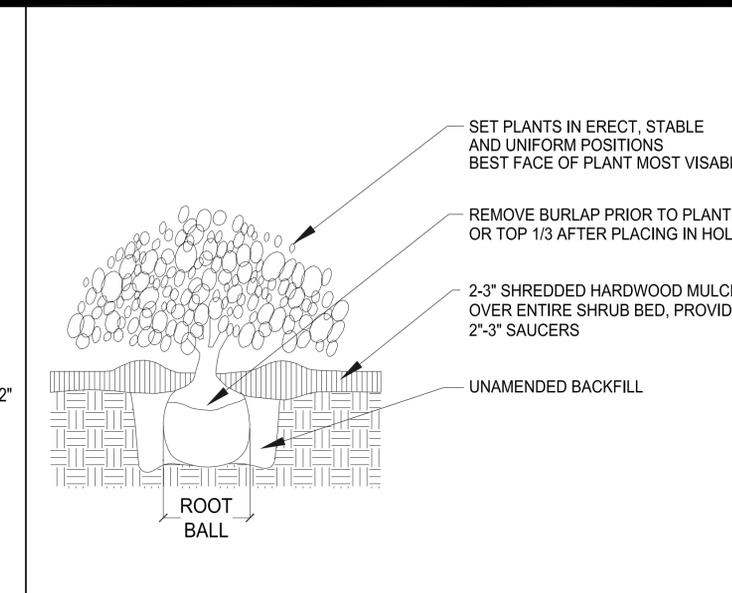
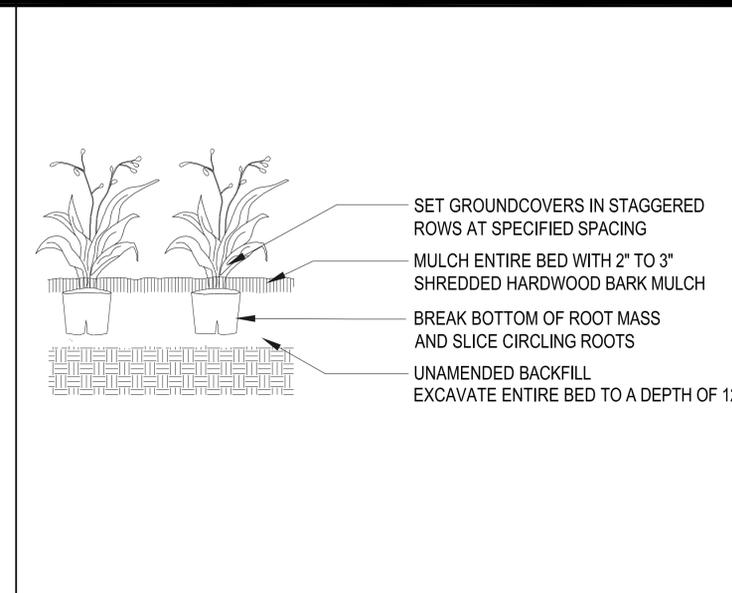
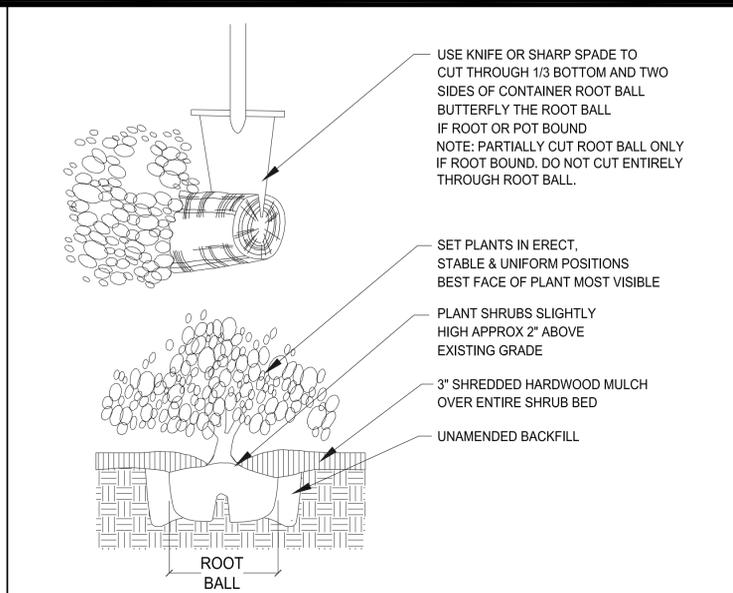
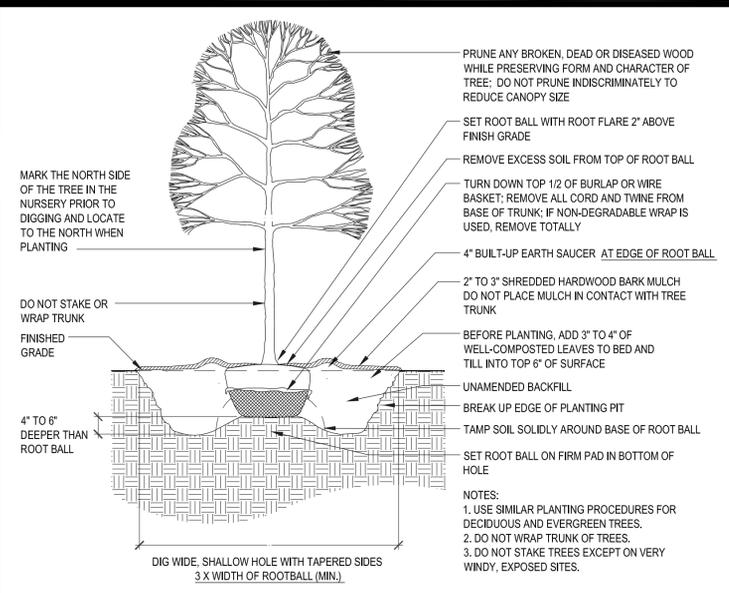
DESIG.	AREA SERVED	DESCRIPTION
FD-1	TOILETS	CAST IRON BODY WITH BOTTOM OUTLET, ADJUSTABLE COLLAR/MEMBRANE CLAMP, 6" DIAMETER NICKEL BRONZE STRAINER, SQUARE OPENINGS AND SECURED GRATE, "TYPE B" STRAINER, PROVIDE P-TRAP WITH PIPE FITTINGS PROVIDE TRAP PRIMER
FD-2	JANITOR CLOSET	CAST IRON BODY AND FLASHING COLLAR WITH CAST IRON TRACTOR GRATE W/ SLOTTED SEDIMENT BUCKET PROVIDE TRAP PRIMER

PLUMBING LEGEND

- SAN SANITARY SOIL & WASTE (BELOW FLOOR)
- V SANITARY VENT
- CW DOMESTIC COLD WATER
- HW DOMESTIC HOT WATER
- P-X FIXTURE DESIGNATION
- FD-X FLOOR DRAIN AND TRAP
- BACKFLOW PREVENTER
- P-TRAP
- C.O. PIPE CLEANOUT
- WCO PIPE CLEANOUT IN WALL
- VTR VENT THRU ROOF
- HB HOSE BIBB
- WH-A WATER HAMMER ARRESTER
- FD FLOOR DRAIN
- PIPE TURNING UP
- PIPE TURNING DOWN
- SLOPE PIPE DOWN IN DIRECTION OF ARROW
- DIRECTION OF FLOW IN PIPING
- CONCENTRIC REDUCER
- ECCENTRIC REDUCER
- PIPE UNION OR FLANGE
- RELIEF VALVE
- GV GATE VALVE
- BV BALL VALVE

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			DRAWN: AM	TECH. REVIEW: BD		DATE: 12/21/2005

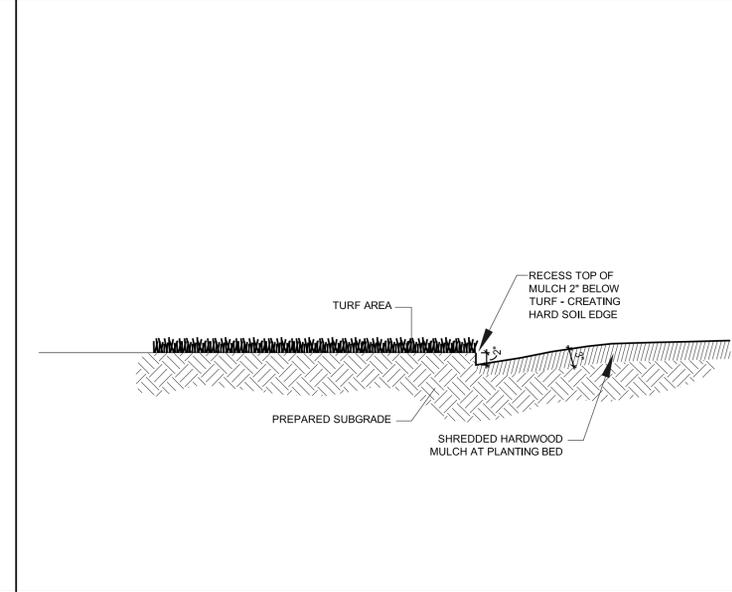
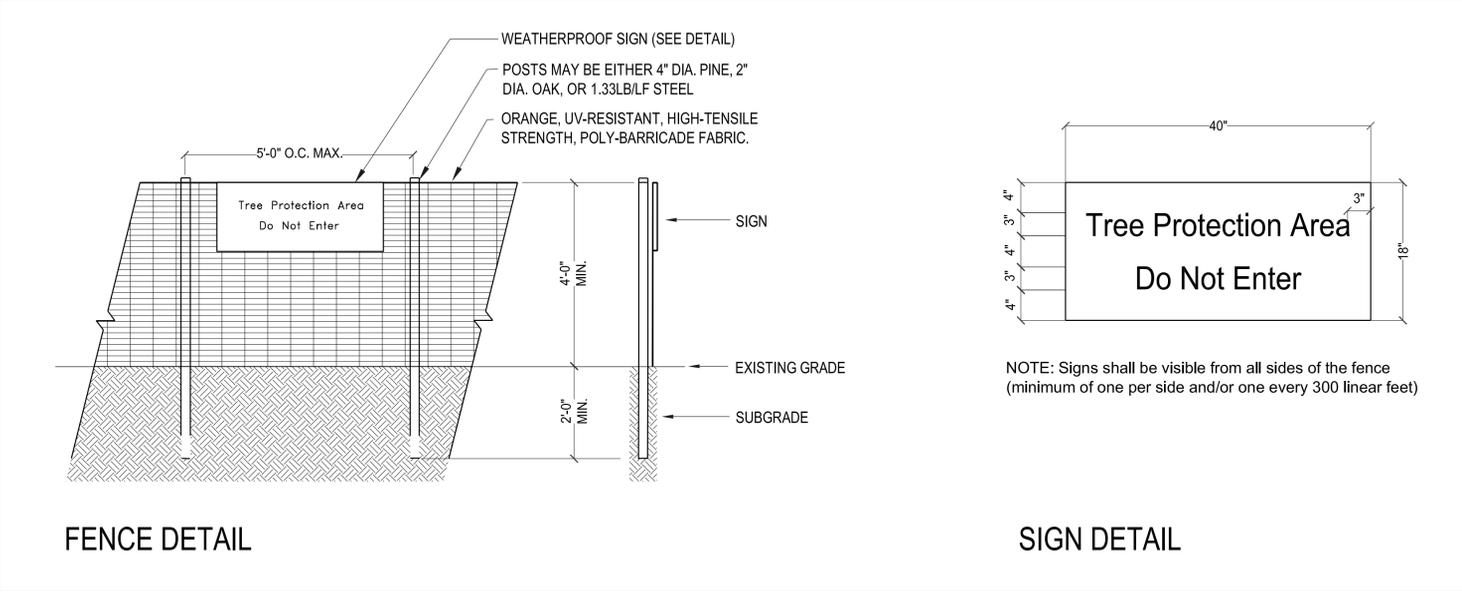


A TREE PLANTING

B CONTAINER SHRUB PLANTING

C GROUNDCOVER PLANTING

D B & B SHRUB PLANTING

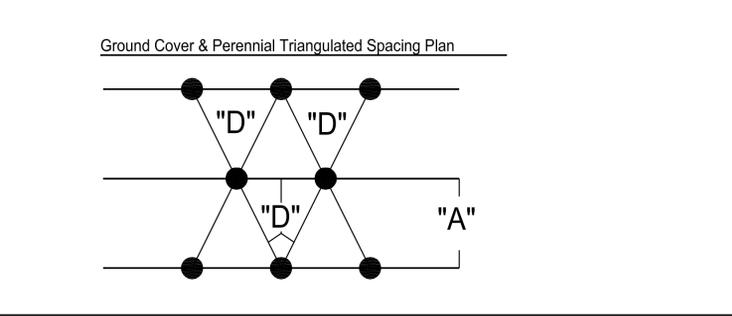


QTY	Code	Botanical Name	Common Name	Size	Condition	Comments
Large Deciduous/Evergreen Tree						
8	AR	Acer rubrum 'October Glory'	Red Maple	4 1/2" Cal	B&B	
3	NS	Nyssa sylvatica	Black Tupelo	2 1/2" Cal	B&B	
3	PN	Pinus nigra	Austrian Pine	6'-10' ht	B&B	
4	PA	Platanus x acerifolia 'Bloodgood'	London Plane Tree	3 1/2" Cal	B&B	
8	UP	Ulmus parviflora 'Emerit'	Allee Elm	5" - 6" Cal	B&B	
3	HT	Hedera helix	Holiday Tree	12'-14' ht	B&B	
Medium Deciduous Trees						
2	AC	Acer campestre 'Evelyn'	Hedge Maple	2" - 2 1/2" Cal	B&B	
8	APB	Acer palmatum 'Bloodgood'	Japanese Maple	6" - 7" Ht	B&B	
6	CC	Cercis canadensis	Redbud	8' - 10' ht	B&B	
11	LF	Lagerstroemia 'Hatcheck'	Crape Myrtle	7' - 8' ht	B&B	
5	OA	Oxydendron arboreum	Sourwood	5'-6' ht	B&B	
8	TC	Tilia cordata 'Greenspire'	Little Leaf Linden	2" - 2 1/2" Cal	B&B	
Deciduous Shrubs						
22	AA	Aronia arbutifolia 'Brilliantissima'	Brilliant Red Chokeberry	18" x 24"	#3	
27	AG	Abelia x grandiflora 'Little Richard'	Little Richard Abelia	15" x 18"	#3	
11	AmG	Amelanchier x grandiflora 'Autumn Brilliance'	Autumn B Serviceberry	3'-4' clump	B&B	
19	AP	Aesculus parviflora	Bottlebrush Buckeye	4'-5'	B&B	
13	HV	Hamamelis vernalis	Vernal Witchhazel	3'-4'	B&B	
26	HQ	Hydrangea quercifolia 'Pee Wee'	Oakleaf Hydrangea		#5	
36	JV	Itea virginica 'Henry's Garnet'	Henry's Garnet Sweetspire	15" - 18"	#3	
25	PF	Potentilla fruticosa	Shrubby Cinquefoil		#3	
Evergreen Shrubs						
13	IA	Ilex x attenuata 'Fosteri'	Foster's American Holly	8'-10' ht	B&B	
13	IG	Ilex glabra	Inkberry		#5	
98	IGS	Ilex glabra 'Shamrock'	Shamrock Inkberry	18" - 24" ht	#3	
13	MA	Mahonia aquifolium	Grape Holly		#5	
Vines						
1	CT	Clematis terniflora	Sweetautumn Clematis			
1	LS	Lonicera sempervirens	Trumpet Honeysuckle			
Groundcovers						
		Groundcover Mix A				
		Groundcover Mix B				
		Grass sod				
		Grass seed				

E TREE PROTECTION FENCE

F MULCH/PLANTING BED EDGING

SPACING "D"	4" O.C.	6" O.C.	8" O.C.	10" O.C.	12" O.C.	15" O.C.	18" O.C.	24" O.C.	30" O.C.	36" O.C.
ROW "A"	3.5"	5.2"	6.93"	8.66"	10.4"	13.0"	15.6"	20.8"	26.0"	30.0"
NO. OF PLANTS	7.38	4.61	2.6	1.66	1.15	7.38	5.12	2.9	1.85	1.16
AREA UNIT	1 sq. ft.					10 sq. ft.				



G SPACING CHART

H LANDSCAPE SUMMARY

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SURVEY	ELECTRICAL	ARCHITECT	LANDSCAPE ARCHITECT	ENGINEER	CIVIL ENGINEER: Wiley & Wilson <i>Employee-Owned</i> 6606 WEST BROAD STREET, SUITE 500 RICHMOND, VIRGINIA 23230-1717 804-254-7242 ph 804-254-7257 fax	LANDSCAPE ARCHITECT: LARDNER/KLEIN LANDSCAPE ARCHITECTS, PC 814 KING ST., FOURTH FLOOR ALEXANDRIA, VA 22314-3039 703-739-0972ph 1-800-337-1370ph 703-739-0973fax	CONSTRUCTION DOCUMENTS	DESIGNED: EL, VM	DRAWN: GM	TECH. REVIEW: EL, VM	DATE: 12/23/2005	SUB SHEET NO. PD1	TITLE OF SHEET LANDSCAPE DETAILS & SUMMARY VIENNA TOWN GREEN TOWN OF VIENNA	DRAWING NO.	PKG. NO.	SHEET X OF X
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SYMBOL KEY

-  SOD
-  GRASS SEEDING
-  GROUND COVER MIX A
Park Entrance Plantings - Species Mix TBD
-  GROUND COVER MIX B - GRASSES & FORBS
Festuca rubra (Creeping Red Fescue)
Asclepias tuberosa (Butterfly Weed)
Monarda fistulosa (Bee Balm)
Rudbeckia hirta (Black Eyed Susan)

- AA Aronia arbutifolia 'Brilliantissima'
- AC Acer campestre 'Evelyn'
- AG Abelia grandiflora (cultivar TBD)
- AmG Amelanchier x grandiflora 'Autumn Brilliance'
- AP Aesculus parviflora
- APB Acer palmatum 'Bloodgood'
- AR Acer rubrum 'October Glory'
- CC Cercis canadensis
- CT Clematis ternifolia
- HV Hamamelis vernalis
- HQ Hydrangea quercifolia 'Pee Wee'
- IA Ilex x attenuata 'Fosteri'
- IG Ilex glabra
- IGS Ilex glabra 'Shamrock'
- IV Itea virginica 'Henry's Garnet'
- LF Lagerstroemia x faurei 'Natchez'
- LS Lonicera sempervirens
- MA Mahonia aquifolium
- NS Nysa sylvatica
- OA Oxydendron arboreum
- PA Platanus x acerifolia 'Bloodgood'
- PF Potentilla fruticosa
- PN Pinus nigra
- TC Tilia cordata 'Greenspire'
- UP Ulmus parviflora 'Emerald Vase'
- HT Holiday Tree Species - TBD

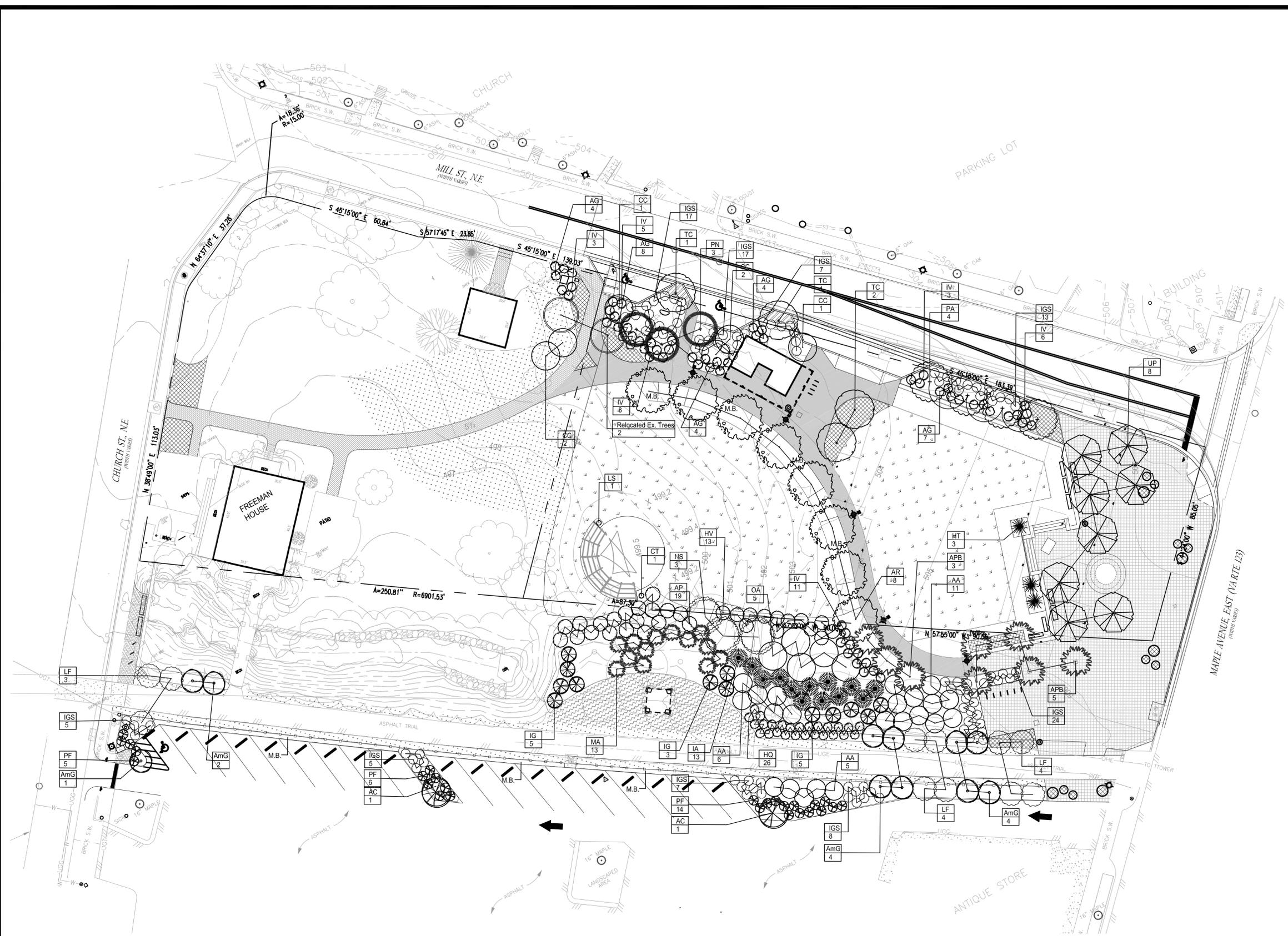
PLANTING NOTES

1. THIS DRAWING IS FOR LANDSCAPE PURPOSES ONLY.
2. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES AND STRUCTURES IN THE FIELD PRIOR TO CONSTRUCTION. ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES AND STRUCTURES SHALL BE PRESERVED UNLESS OTHERWISE NOTED ON THE PLANS. DAMAGES TO EXISTING UTILITIES AND/OR STRUCTURES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
3. EXISTING TREES ARE TO REMAIN AND SHALL BE PROTECTED AS NECESSARY, UNLESS OTHERWISE NOTED.
4. THE CONTRACTOR SHALL FIELD VERIFY EXISTING SITE CONDITIONS AND ALL DIMENSIONS PRIOR TO BIDDING/CONSTRUCTION.
5. POSITIVE DRAINAGE ACROSS ALL SURFACES SHALL BE MAINTAINED.
6. ANY SUBSTITUTIONS IN PLANT MATERIALS MUST BE APPROVED IN WRITING BY THE PROJECT LANDSCAPE ARCHITECT.
7. ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS SET FORTH IN THE MOST RECENT AMERICAN STANDARDS FOR NURSERY STOCK PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN (A.A.N.)
8. TURF IDENTIFIED ON THE DRAWINGS IS NEW TURF AREAS. REFER TO SPECIFICATIONS FOR SEED MIX COMPOSITION AND DETAILS.

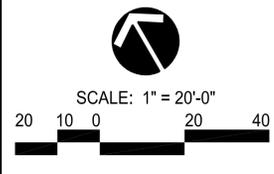
LABEL KEY

- XX PLANT SYMBOL
- # QUANTITY

M.B. MULCH BED



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