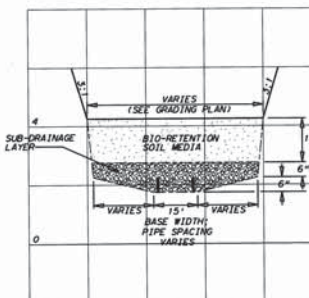
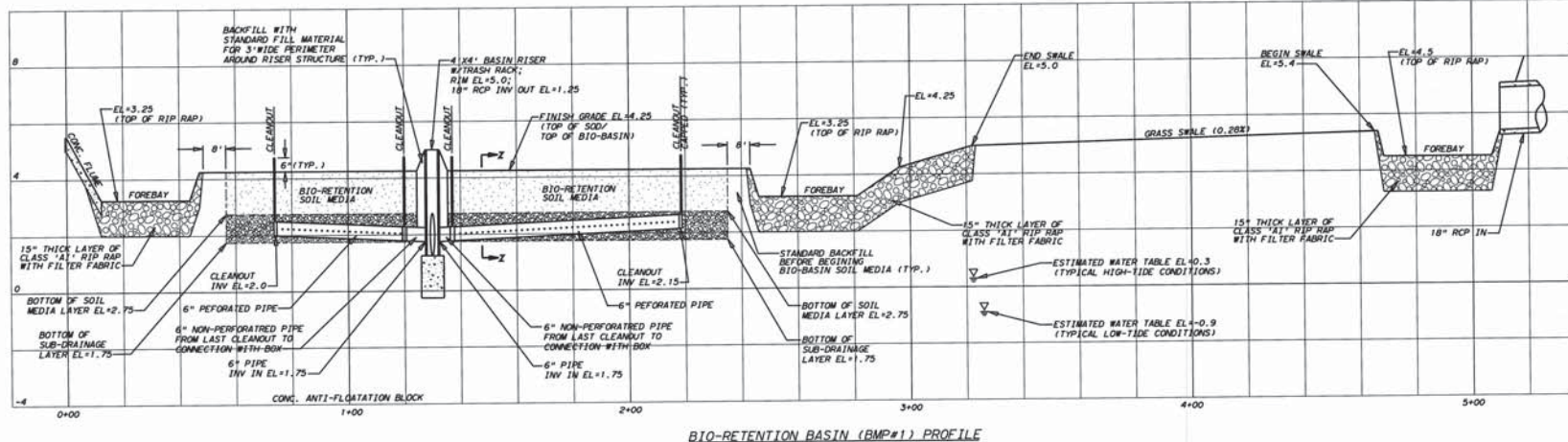


NOTE:  
FOR FURTHER DETAIL ON SOIL MEDIA,  
STONE, FABRIC, PIPING, PIPE CONNECTIONS,  
AND THE RISER CONFIGURATION,  
REFERENCE THE BIO-RETENTION DETAILS  
ON SHEET BMP-02.



BIO-RETENTION BASIN (BMP-01)  
TYPICAL CROSS-SECTION



BIO-RETENTION BASIN (BMP-01) PROFILE



Revisions	Date



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**FRANKLIN BLVD.  
REALIGNMENT/  
SOUTHERN PARKING**  
CONSTRUCTION DRAWINGS 2 (100%)  
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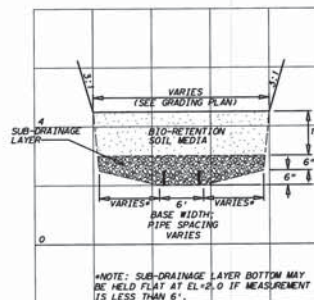
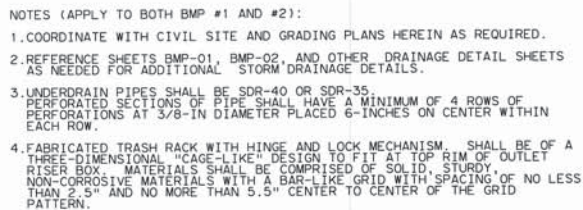
Drawing Title  
**STORMWATER  
MANAGEMENT PLAN**  
Location  
HAMPTON, VIRGINIA

Project Title  
**CONSTRUCT AND  
REPAIR SURFACE  
ROADS AND  
PARKING**  
Building No. \_\_\_\_\_  
Checked by: GAR  
Drawn by: JBR

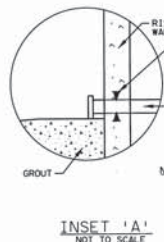
Date  
09/17/2014  
Project No.  
590-13-102  
**BMP-01**  
SHEET 30 OF 56



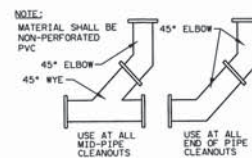




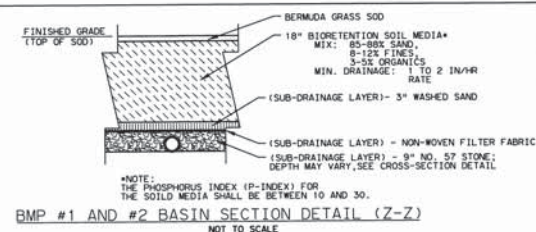
BIO-RETENTION BASIN (BMP#2)  
TYPICAL CROSS-SECTION



INSET 'A'  
NOT TO SCALE



UNDERDRAIN CLEANOUT DETAIL (TYP.)  
NOT TO SCALE



BMP #1 AND #2 BASIN SECTION DETAIL (Z-Z)  
NOT TO SCALE

[illegible]

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SOUTHERN PARKING**  
CONSTRUCTION DRAWINGS 2 (100%)  
ISSUED FOR CONSTRUCTION



HAMPTON  
OF VETERANS AFFAIRS

Drawing Title  
**STORMWATER  
MANAGEMENT PLAN**

**Project Title**  
**CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING**

Date	09/17/2014
Project No.	590-13-102

**BMP-02**





# NOTES:

1. CONTRACTOR STAGING AREA(S) AREA TO BE SURROUNDED AND SECURED WITH 8' HEIGHT CONSTRUCTION CHAINLINK FENCE W/LOCKABLE ACCESS GATE(S).
2. SEE DETAIL SHEETS FOR EROSION AND SEDIMENT CONTROL CONSTRUCTION DETAILS. ENSURE CONSTRUCTION OF EROSION AND SEDIMENT CONTROL MEASURES ARE IN ACCORDANCE WITH THE LATEST VDOT AND VECSS STANDARDS AND SPECIFICATIONS.

## SEDIMENT TRAP #2

CONTRIBUTING DRAINAGE AREA = 1.30 AC

MIN. DIMENSIONS AT INSIDE TOP OF 2.0' WIDE BERM+42'+80', ELEV.+6.0

MIN. DIMENSIONS AT TOP OF DRY STORAGE+38'+76', ELEV.+8'+5.0

MIN. DIMENSIONS AT TOP OF WET STORAGE+32'+58', ELEV.+C'+4.0

MIN. DIMENSIONS AT BOTTOM OF TRAP+26'+52', ELEV.+D'+2.5

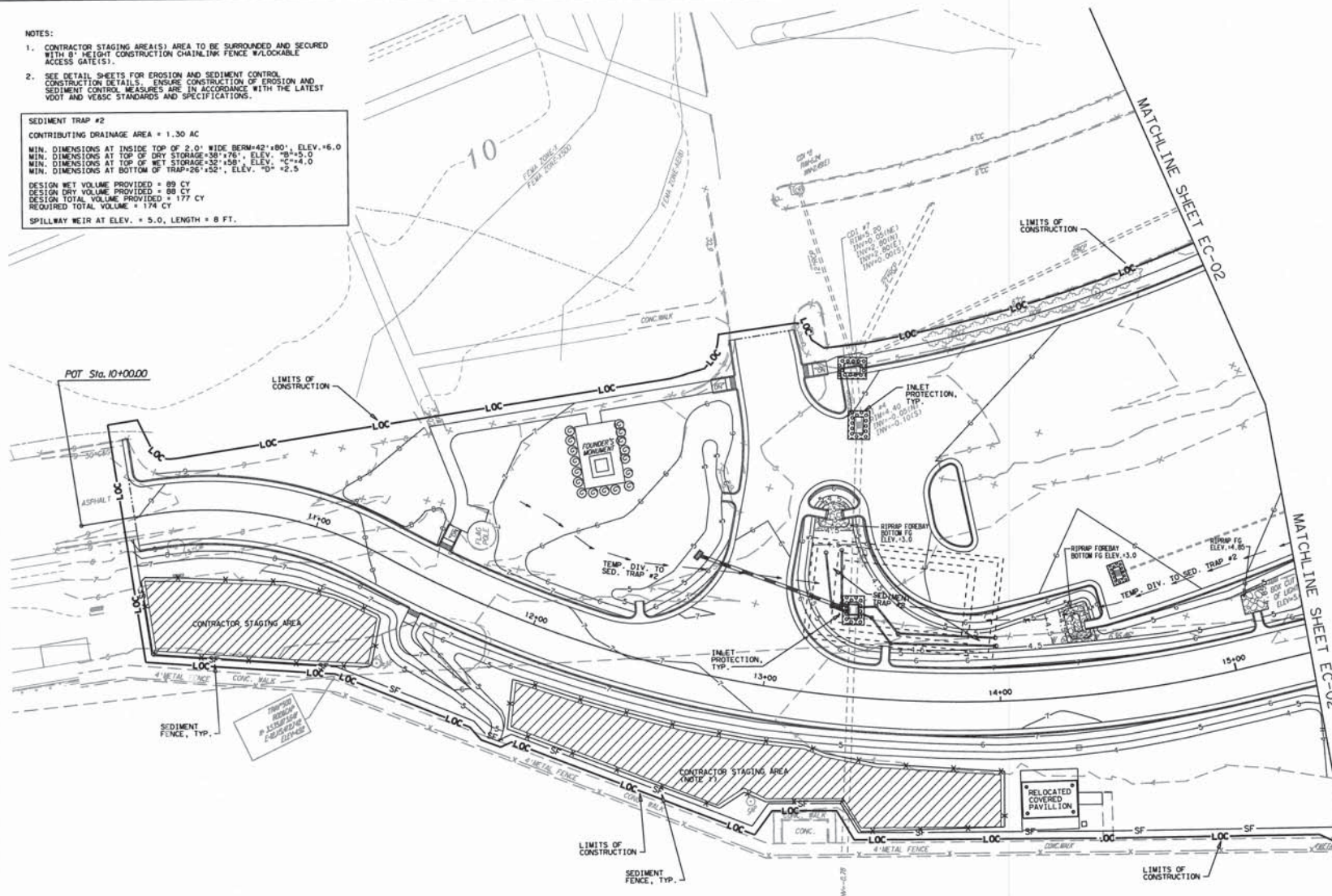
DESIGN WET VOLUME PROVIDED = 89 CY

DESIGN DRY VOLUME PROVIDED = 88 CY

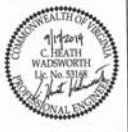
DESIGN TOTAL VOLUME PROVIDED = 177 CY

REQUIRED TOTAL VOLUME = 174 CY

SPILLWAY WEIR AT ELEV. + 5.0, LENGTH = 8 FT.



Revisions	Date



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 CONSTRUCTION DRAWINGS 2 (100%)  
 ISSUED FOR CONSTRUCTION



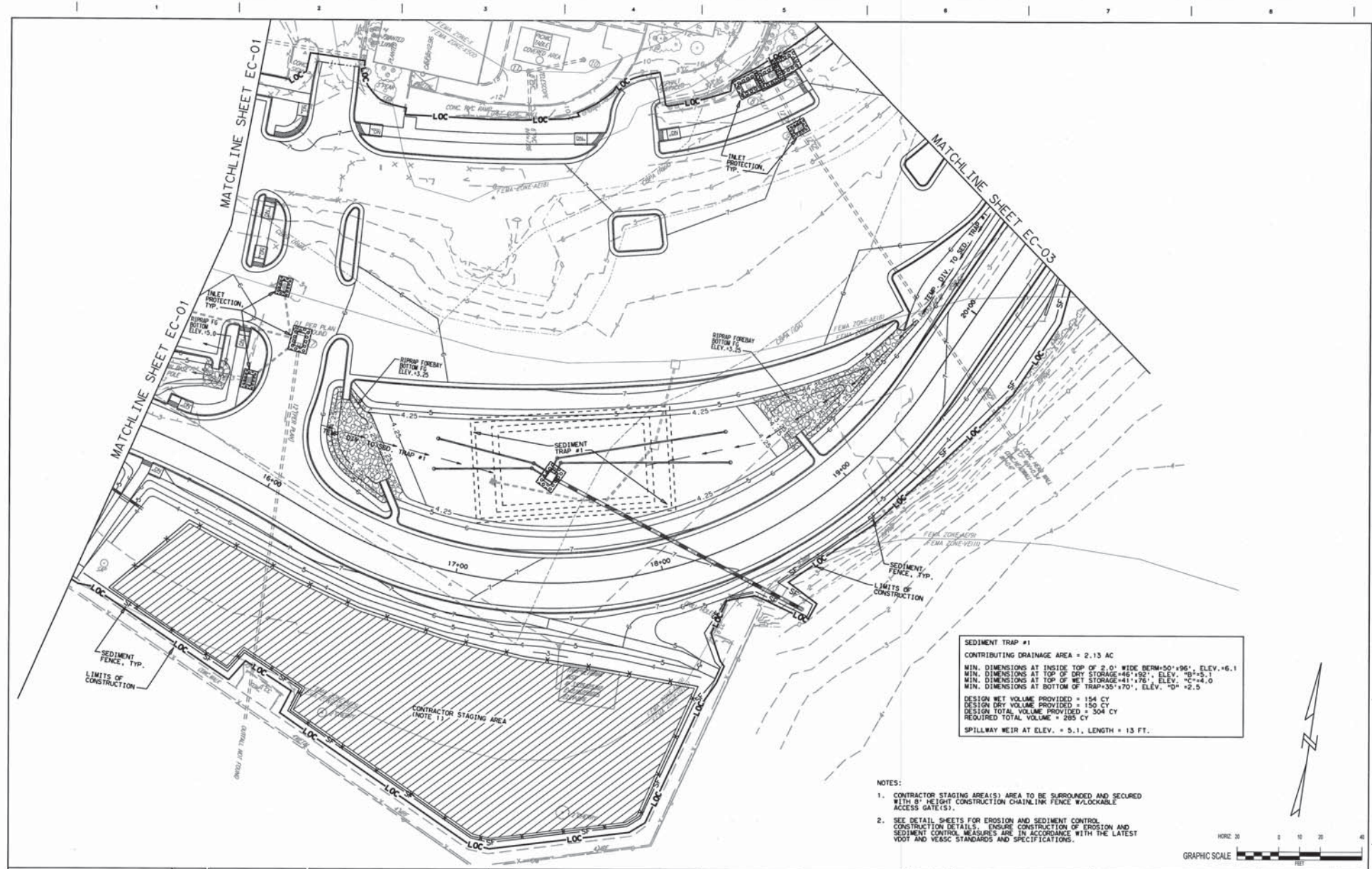
Drawing Title  
**EROSION CONTROL  
 PLAN**  
 Location  
 HAMPTON, VIRGINIA

Project Title  
**CONSTRUCT AND  
 REPAIR SURFACE  
 ROADS AND  
 PARKING**  
 Building No. ---  
 Checked by: GAR  
 Drawn by: JBR

Date  
 09/17/2014  
 Project No.  
 590-13-102  
 EC-01  
 SHEET 22 OF 56







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SEDIMENT TRAP #1
CONTRIBUTING DRAINAGE AREA = 2.13 AC.

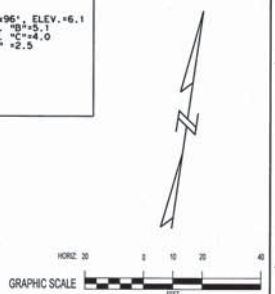
MIN. DIMENSIONS AT INSIDE TOP OF 2'-0" WIDE BERM=50"x96", ELEV.=+6.1
MIN. DIMENSIONS AT TOP OF DRIFT STORAGE=46"x92", ELEV.=+5.8
MIN. DIMENSIONS AT BOTTOM OF DRIFT STORAGE=41"x70", ELEV.=+5.0
MIN. DIMENSIONS AT BOTTOM OF TRAP=35"x70", ELEV.=+0.25

DESIGN NET VOLUME PROVIDED = 154 CY
DESIGN DRY VOLUME PROVIDED = 150 CY
DESIGN TOTAL VOLUME PROVIDED = 304 CY
REQUIRED TOTAL VOLUME = 285 CY

SPILLWAY WEIR AT ELEV. = 5.1, LENGTH = 13 FT.

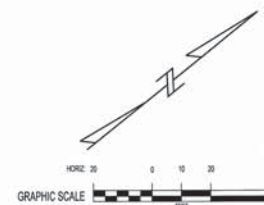
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- NOTES:
1. CONTRACTOR STAGING AREA(S) AREA TO BE SURROUNDED AND SECURED WITH 8' HEIGHT CONSTRUCTION CHAINLINK FENCE W/LOCKABLE ACCESS GATE(S).
  2. SEE DETAIL SHEETS FOR EROSION AND SEDIMENT CONTROL. CONSTRUCTION DETAILS ENSURE CONSTRUCTION OF EROSION AND SEDIMENT CONTROL MEASURES ARE IN ACCORDANCE WITH THE LATEST VDOT AND VEEAC STANDARDS AND SPECIFICATIONS.



		<b>CALL SIGN ENGINEERS</b> 104 Gillespie Street Fayetteville, NC 28301 Ph: 910.486.0700 Fax: 910.486.8900 www.callsignengineers.com NC Firm License No. C-3485	<b>FRANKLIN BLVD. REALIGNMENT/ SOUTHERN PARKING</b> CONSTRUCTION DRAWINGS 2 (100%) ISSUED FOR CONSTRUCTION	 HAMPTON DEPARTMENT OF VETERANS AFFAIRS	Drawing Title <b>EROSION CONTROL PLAN</b>	Project Title <b>CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING</b>	Date 09/17/2014 Project No. 590-13-102 EC-02	Building No. _____ Checked by GAR Drawn by JBR	Location <b>HAMPTON, VIRGINIA</b>	SHEET 23 OF 56	Department of Veterans Affairs
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SEDIMENT TRAP #3
CONTRIBUTING DRAINAGE AREA = 1.13 AC
MIN. DIMENSIONS AT INSIDE TOP OF 2'-0" WIDE BERM=40"x76", ELEV.=6.0
MIN. DIMENSIONS AT TOP OF 2'-0" WIDE BERM=36"x72", ELEV.=5.0
MIN. DIMENSIONS AT TOP OF NET STORAGE=30"x54", ELEV.=4.0
MIN. DIMENSIONS AT BOTTOM OF TRAP=24"x48", ELEV.=2.5

DESIGN NET VOLUME PROVIDED = 77 CY
DESIGN DRY VOLUME PROVIDED = 78 CY
DESIGN TOTAL VOLUME PROVIDED = 155 CY
REQUIRED TOTAL VOLUME = 151 CY

SPILLWAY WEIR AT ELEV. = 5.0, LENGTH = 7 FT.

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| <b>Revisions</b> | <b>Date</b> |



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**HAMPTON**  
DEPARTMENT OF VETERANS AFFAIRS

Location  
**HAMPTON, VIRGINIA**

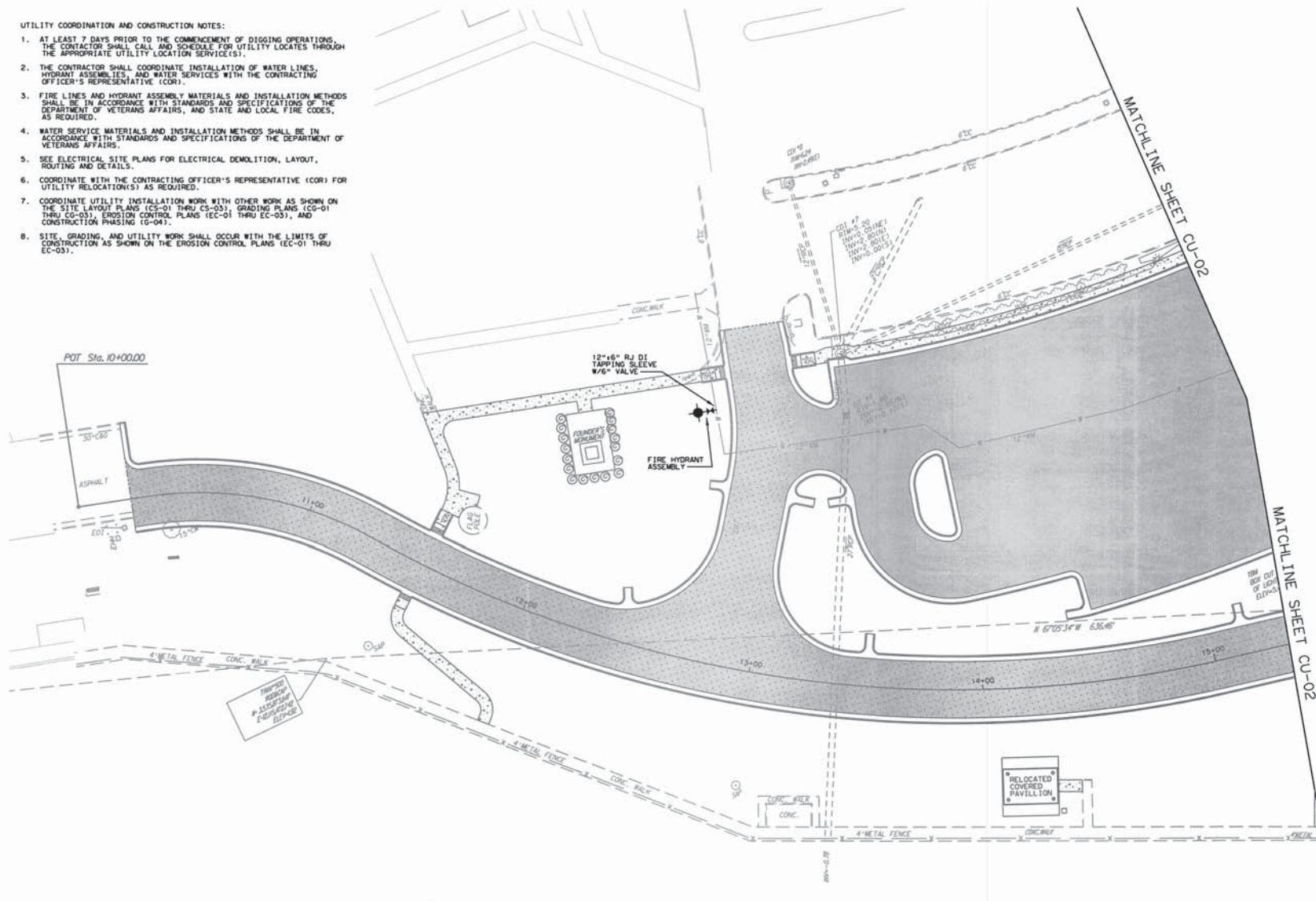
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| Building No.<br>— | Checked by:<br><b>GAR</b> | Drawn by:<br><b>JBR</b> |
|-------------------|---------------------------|-------------------------|

**EC-03**  
SHEET 24 OF 56



# UTILITY COORDINATION AND CONSTRUCTION NOTES:

1. AT LEAST 7 DAYS PRIOR TO THE COMMENCEMENT OF DIGGING OPERATIONS, THE CONTRACTOR SHALL CALL AND SCHEDULE FOR UTILITY LOCATES THROUGH THE APPROPRIATE UTILITY LOCATION SERVICE(S).
2. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER LINES, HYDRANT ASSEMBLIES, AND WATER SERVICES WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR).
3. FIRE LINES AND HYDRANT ASSEMBLY MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF VETERANS AFFAIRS, AND STATE AND LOCAL FIRE CODES, AS REQUIRED.
4. WATER SERVICE MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF VETERANS AFFAIRS.
5. SEE ELECTRICAL SITE PLANS FOR ELECTRICAL DEMOLITION, LAYOUT, ROUTING AND DETAILS.
6. COORDINATE WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) FOR UTILITY RELOCATION(S) AS REQUIRED.
7. COORDINATE UTILITY INSTALLATION WORK WITH OTHER WORK AS SHOWN ON THE SITE LAYOUT PLANS (CS-01 THRU CS-03), GRADING PLANS (CG-01 THRU CG-03), EROSION CONTROL PLANS (EC-01 THRU EC-03), AND CONSTRUCTION PHASING (G-04).
8. SITE GRADING, AND UTILITY WORK SHALL OCCUR WITH THE LIMITS OF CONSTRUCTION AS SHOWN ON THE EROSION CONTROL PLANS (EC-01 THRU EC-03).



| Revisions | Date |
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 SOUTHERN PARKING**  
 CONSTRUCTION DRAWINGS 2 (100%)  
 ISSUED FOR CONSTRUCTION

**HAMPTON**  
 DEPARTMENT OF VETERANS AFFAIRS

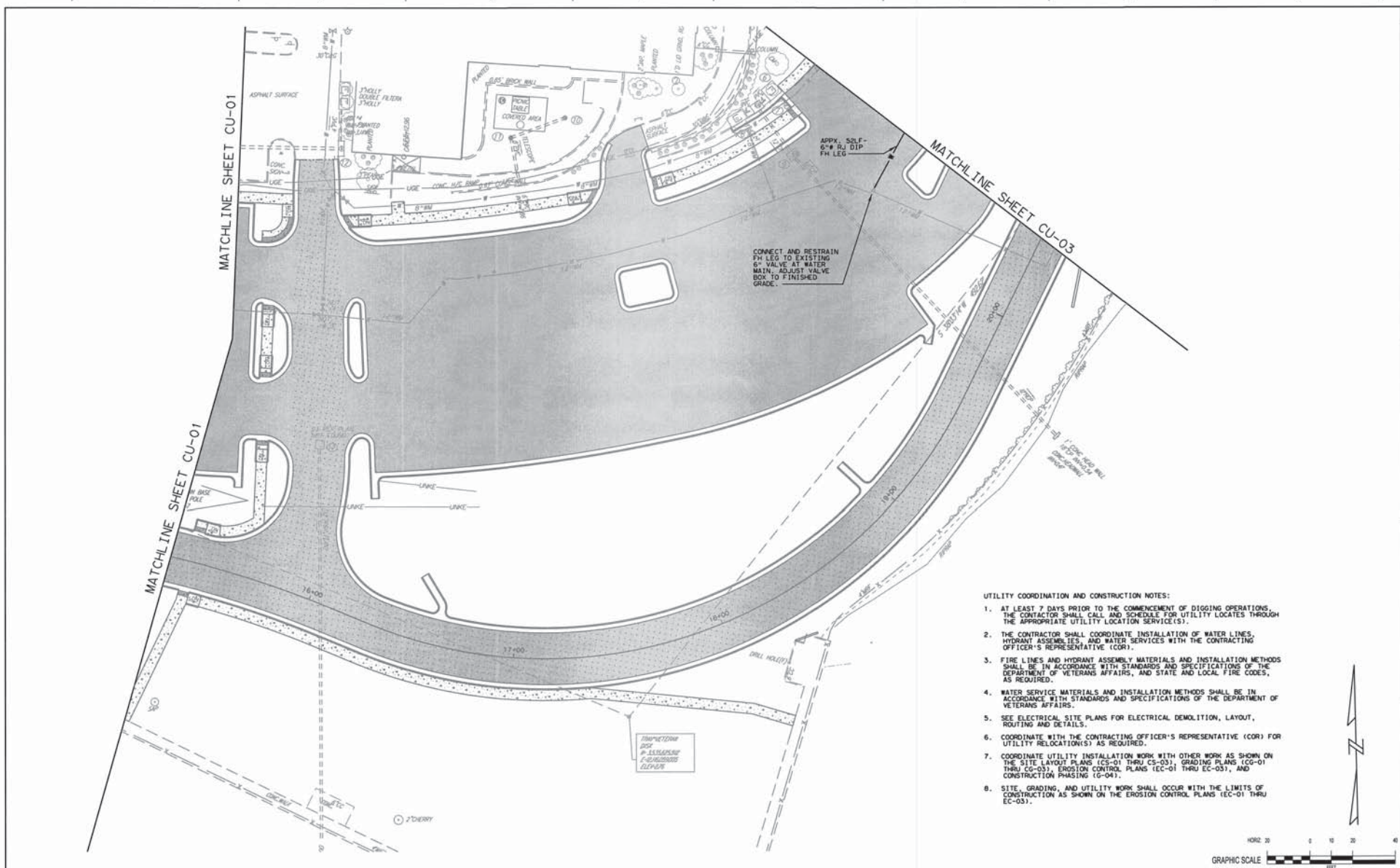
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**UTILITIES PLAN**  
 Location  
**HAMPTON, VIRGINIA**

Project Title  
**CONSTRUCT AND  
 REPAIR SURFACE  
 ROADS AND  
 PARKING**  
 Building No. \_\_\_\_\_  
 Checked by: **GAR**  
 Drawn by: **JBR**

Date  
**09/17/2014**  
 Project No.  
**590-13-102**  
**CU-01**  
 SHEET 25 OF 56



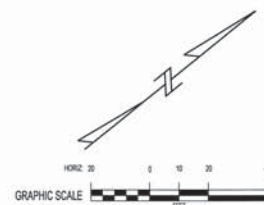
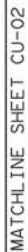




- UTILITY COORDINATION AND CONSTRUCTION NOTES:
1. AT LEAST 7 DAYS PRIOR TO THE COMMENCEMENT OF DIGGING OPERATIONS, THE CONTRACTOR SHALL CALL AND SCHEDULE FOR UTILITY LOCATES THROUGH THE APPROPRIATE UTILITY LOCATION SERVICE(S).
  2. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER LINES, HYDRANT ASSEMBLIES, AND WATER SERVICES WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR).
  3. FIRE LINES AND HYDRANT ASSEMBLY MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF VETERANS AFFAIRS, AND STATE AND LOCAL FIRE CODES, AS REQUIRED.
  4. WATER SERVICE MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF VETERANS AFFAIRS.
  5. SEE ELECTRICAL SITE PLANS FOR ELECTRICAL DEMOLITION, LAYOUT, ROUTING AND DETAILS.
  6. COORDINATE WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) FOR UTILITY RELOCATION(S) AS REQUIRED.
  7. COORDINATE UTILITY INSTALLATION WORK WITH OTHER WORK AS SHOWN ON THE SITE LAYOUT PLANS (GC-01 THRU GC-03), GRADING PLANS (CG-01 THRU CG-03), EROSION CONTROL PLANS (EC-01 THRU EC-03), AND CONSTRUCTION PHASING (G-C-01).
  8. SITE, GRADING, AND UTILITY WORK SHALL OCCUR WITH THE LIMITS OF CONSTRUCTION AS SHOWN ON THE EROSION CONTROL PLANS (EC-01 THRU EC-03).



|           |  |                                                                                     |  |                                                                                                                                                 |  |                                                           |  |                                                                                                      |  |                                      |  |                                                       |  |                    |  |                           |  |                |  |                                                                                       |  |
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|           |  |  |  |                                                              |  | <b>FRANKLIN BLVD. REALIGNMENT/ SOUTHERN PARKING</b>       |  |  <b>HAMPTON</b> |  | <b>UTILITIES PLAN</b>                |  | <b>CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING</b> |  | Date<br>09/17/2014 |  | Project No.<br>590-13-102 |  | CU-02          |  |  |  |
|           |  |                                                                                     |  | 104 Gillespie Street<br>Fayetteville, NC 28301<br>Ph: 910.486.0700 Fax: 910.486.8900<br>www.callsignengineers.com<br>NC Firm License No. C-3485 |  | CONSTRUCTION DRAWINGS 2 (100%)<br>ISSUED FOR CONSTRUCTION |  | DEPARTMENT OF VETERANS AFFAIRS                                                                       |  | Location<br><b>HAMPTON, VIRGINIA</b> |  | Building No.<br>GAR                                   |  | Checked by:<br>JBR |  | Drawn by:<br>JBR          |  | SHEET 26 OF 56 |  |                                                                                       |  |
| Revisions |  | Date                                                                                |  |                                                                                                                                                 |  |                                                           |  |                                                                                                      |  |                                      |  |                                                       |  |                    |  |                           |  |                |  |                                                                                       |  |



1. AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF DIGGING OPERATIONS, THE CONTRACTOR SHALL CALL AND SCHEDULE FOR UTILITY LOCATES THROUGH THE APPROPRIATE STATE UTILITY LOCATING SERVICES;
2. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF WATER LINES, HYDRANT ASSEMBLIES, AND WATER SERVICES WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR);
3. FIRE LINES AND HYDRANT ASSEMBLY MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF VETERANS AFFAIRS, AND STATE AND LOCAL FIRE CODES, AS REQUIRED;
4. WATER SERVICE MATERIALS AND INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS OF THE DEPARTMENT OF VETERANS AFFAIRS;
5. SEE ELECTRICAL SITE PLANS FOR ELECTRICAL DEMOLITION, LAYOUT, ROUTING AND DETAILS;
6. COORDINATE WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) FOR UTILITY RELOCATION(S) AS REQUIRED;
7. COORDINATE UTILITY INSTALLATION WORK WITH OTHER WORK AS SHOWN ON THE SITE LAYOUT PLANS (CS-01 THRU CS-03), GRADING PLANS (CG-01 THRU CG-03), EROSION CONTROL PLANS (EC-01 THRU EC-03), AND CONSTRUCTION PHASING (G-04).
8. SITE, GRADING, AND UTILITY WORK SHALL OCCUR WITH THE LIMITS OF CONSTRUCTION AS SHOWN ON THE EROSION CONTROL PLANS (EC-01 THRU EC-03).

 Department of  
Veterans Affairs



NOTE: SEE SHEETS CP-04 AND CP-05 FOR PAVEMENT MARKING AND SIGNAGE NOTES, LEGEND, DETAILS AND SIGN DESIGNATIONS.

POT Sta. 10+00.00

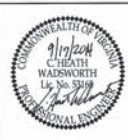
NOTE: ROADWAY HAS BEEN DESIGNED TO PROVIDE A SECTION FOR TWO-WAY TRAFFIC. CENTER DOUBLE YELLOW PAVEMENT MARKING LOCATION AND RADIUS DIFFERS FROM ROADWAY DESIGN CENTER LINE. "L" IS SHOWN ON SITE LAYOUT PLANS (CS-01 THRU CS-031) BETWEEN STATIONS 10+22.61 AND 11+26.16, IN ORDER TO ACCOMMODATE TRAFFIC TIE-IN TO EXISTING TRAFFIC PATTERN.

MATCH LINE SHEET CP-02

MATCH LINE SHEET CP-02



| Revisions | Date |
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 CONSTRUCTION DRAWINGS 2 (100%)  
 ISSUED FOR CONSTRUCTION



Drawing Title  
**PAVEMENT MARKING  
 AND SIGNAGE PLAN**  
 Location  
**HAMPTON, VIRGINIA**

Project Title  
**CONSTRUCT AND  
 REPAIR SURFACE  
 ROADS AND  
 PARKING**  
 Building No. \_\_\_\_\_  
 Checked by: **GAR**  
 Drawn by: **JBR**

Date  
**09/17/2014**  
 Project No.  
**590-13-102**  
**CP-01**  
 SHEET 28 OF 56

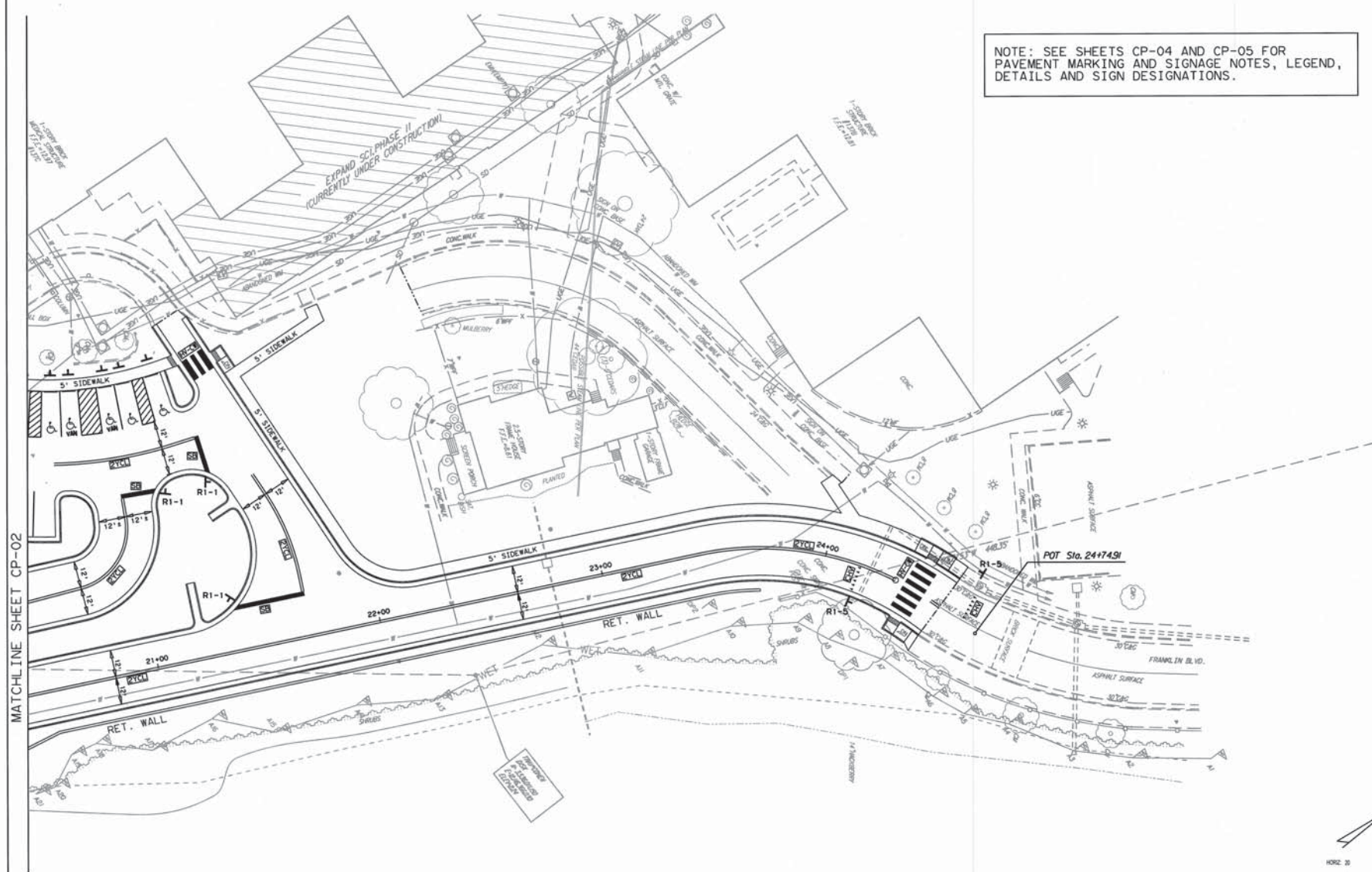




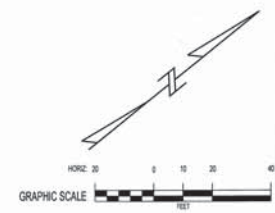




NOTE: SEE SHEETS CP-04 AND CP-05 FOR PAVEMENT MARKING AND SIGNAGE NOTES, LEGEND, DETAILS AND SIGN DESIGNATIONS.



MATCHLINE SHEET CP-02



| Revisions | Date |
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 SOUTHERN PARKING**  
 CONSTRUCTION DRAWINGS 2 (100%)  
 ISSUED FOR CONSTRUCTION

 **HAMPTON**  
 DEPARTMENT OF VETERANS AFFAIRS

Drawing Title  
**PAVEMENT MARKING  
 AND SIGNAGE PLAN**  
 Location  
**HAMPTON, VIRGINIA**

Project Title  
**CONSTRUCT AND  
 REPAIR SURFACE  
 ROADS AND  
 PARKING**  
 Building No. \_\_\_\_\_  
 Checked by: **GAR**  
 Drawn by: **JBR**

Date  
**09/17/2014**  
 Project No.  
**590-13-102**  
**CP-03**  
 SHEET 30 OF 56





Figure 1. Schematic representation of the five different types of foot structures. The numbers 1, 2, 3, 4, and 5 indicate the different parts of the foot structure. The numbers 1, 2, 3, 4, and 5 indicate the different parts of the foot structure. The numbers 1, 2, 3, 4, and 5 indicate the different parts of the foot structure.

|       |                                           |
|-------|-------------------------------------------|
| 2YCL  | TWO-YELLOW CENTER LINE<br>(DOUBLE YELLOW) |
| CHV   | YIELD LINE SYMBOLS                        |
| CW    | STANDARD CROSSWALK MARKINGS               |
| HV-CW | HIGH-VISIBILITY CROSSWALK MARKINGS        |
| SB    | STOP BAR                                  |

STANDARD SPACES = 144  
HC ACCESSIBLE SPACES = 5  
HC VAN ACCESSIBLE SPACES = 2  
TOTAL SPACES (PROJECT) = 151

1. PRIOR TO PLACEMENT OF PAVEMENT MARKINGS AS SHOWN ON THIS PLAN, THE CONTRACTOR SHALL COORDINATE WITH THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND VDOT REPRESENTATIVE AS APPROPRIATE TO COORDINATE ROADWAY PAVEMENT MARKING WORK WITH OTHER SITE WORK AS SHOWN WITHIN THESE PLANS.
2. GRIND EXISTING PAVEMENT MARKINGS AND REPLACE WITH THERMOPLASTIC MARKINGS IN AREAS WHERE NEW MARKINGS ARE REQUIRED ON EXISTING PAVEMENT(S) AS INDICATED ON THIS PLAN, AS REQUIRED, OR AS DIRECTED BY THE COR OR VDOT. ALL NEW PAVEMENT MARKINGS SHALL BE THERMOPLASTIC AND CONFORM TO NOTE 4 HEREIN.
3. COORDINATE WITH THE COR AND VDOT REPRESENTATIVES AS REQUIRED TO RELOCATE EXISTING ROADWAY SIGNS (OR REPLACE AS DIRECTED) OFF OF EDGE OF NEW ROADWAY, OR AS DIRECTED.
4. ALL REMOVAL, RELOCATION, INSTALLATION, MATERIALS AND CONSTRUCTION METHODS AND STANDARDS SHALL BE IN ACCORDANCE WITH THE FOLLOWING FEDERAL AND VIRGINIA DEPARTMENT OF TRANSPORTATION STANDARDS, SPECIFICATIONS AND MANUALS:
  - > VDOT ROAD AND BRIDGE STANDARDS
  - > VDOT ROAD AND BRIDGE SPECIFICATIONS
  - > VDOT TRAFFIC ENGINEERING MANUAL (AND APPLICABLE MEMORANDUMS)
  - > VDOT GUIDANCE FOR THE INSTALLATION OF MARKED CROSSEWALKS
  - > THE LATEST ADOPTED EDITION OF THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICESALL STANDARDS SHALL CONFORM TO THE DEPARTMENT OF VETERAN AFFAIRS REQUIREMENTS AND SHALL BE SUBJECT TO FINAL APPROVAL BY THE CONTRACTING OFFICER'S REPRESENTATIVE (COR).
5. REFER TO THE SITE LAYOUT PLANS (CS-01 THRU CS-03) FOR ROADWAY BASELINE CONTROL LAYOUT AND STATIONING AND ADDITIONAL HORIZONTAL DESIGN INFORMATION, INCLUDING BUT NOT LIMITED TO DRIVEWAY PAVEMENT WIDTHS, CURB RETURN RADII, ETC.
6. CHANGES IN FIELD CONDITIONS AND/OR ACCURACY OF DATA, MAY REQUIRE FIELD ADJUSTMENT BY THE CONTRACTOR AS REQUIRED TO MEET EXISTING CONDITIONS. FINAL ACCEPTANCE IS SUBJECT TO APPROVAL BY THE CONTRACTING OFFICER'S REPRESENTATIVE (COR) AND POSSIBLY VDOT.

**FRANKLIN BLVD.  
REALIGNMENT/  
SOUTHERN PARKING**  
CONSTRUCTION DRAWINGS 2 (100%)  
ISSUED FOR CONSTRUCTION

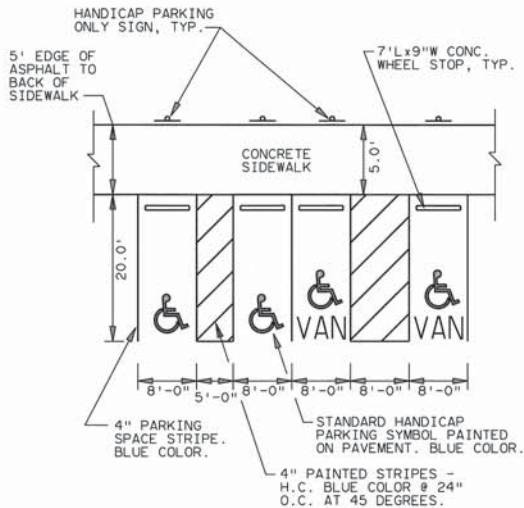


Location  
**HAMPTON, VIRGINIA**

|              |             |           |
|--------------|-------------|-----------|
| Building No. | Checked by: | Drawn by: |
| —            | GAR         | JBR       |

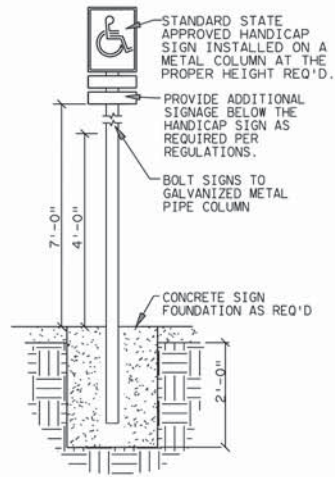
**CP-04**  
SHEET 31 OF 5





NOTE:  
ALL HANDICAPPED RAMP AND ACCESS AISLES SHALL MEET ALL CODES AND ADAAG REGULATIONS.

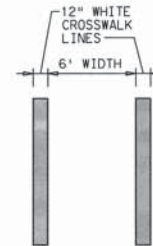
**HANDICAP PARKING DETAIL**  
NOT TO SCALE



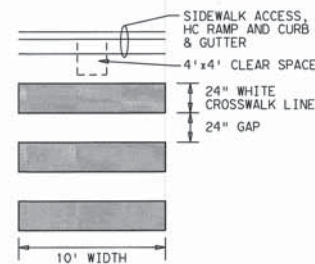
**HANDICAP PARKING SIGN DETAIL**  
NOT TO SCALE

**PAVEMENT MARKING AND CROSSWALK NOTES:**

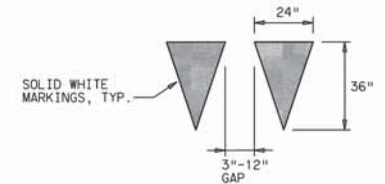
1. THE MINIMUM WIDTH OF STANDARD CROSSWALKS IS 6 FEET. THE MINIMUM WIDTH OF HIGH-VISIBILITY CROSSWALKS IS 10 FEET.
2. SET BACK DISTANCE FROM INSIDE CROSSWALK MARKING TO NEAREST EDGE OF TRAVEL IS 4' MIN.
3. BEYOND CURB FACE, A CLEAR SPACE OF 4'x4' MINIMUM SHALL BE PROVIDED WITHIN THE WIDTH OF THE CROSSWALK.
4. LAYOUT, DIMENSION, AND COLOR STANDARDS OF MARKINGS SHALL BE IN ACCORDANCE WITH FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE DEPT. OF VETERANS AFFAIRS, VDOT, AND OTHER STATE AND LOCAL STANDARDS AS APPLICABLE OR REQUIRED.



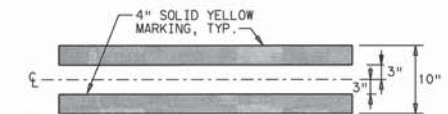
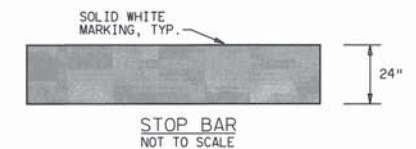
**STANDARD CROSSWALK MARKING**  
NOT TO SCALE



**HIGH-VISIBILITY CROSSWALK MARKING**  
NOT TO SCALE



**(24") YIELD LINE MARKING**  
NOT TO SCALE



**TWO-YELLOW CENTERLINE (DOUBLE YELLOW) MARKING**  
NOT TO SCALE

| Revisions | Date |
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**FRANKLIN BLVD.  
REALIGNMENT/  
SOUTHERN PARKING**  
CONSTRUCTION DRAWINGS 2 (100%)  
ISSUED FOR CONSTRUCTION



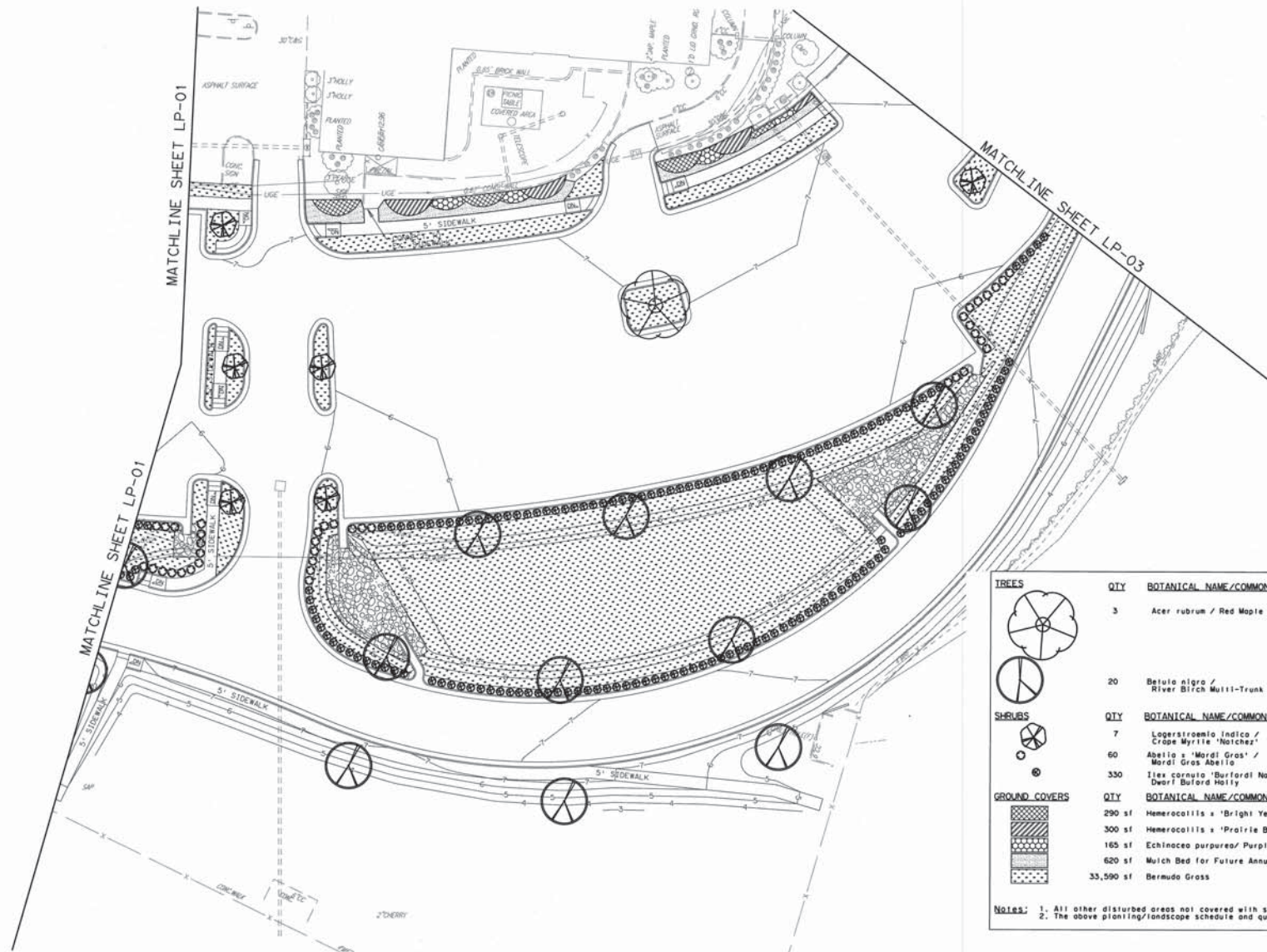
Drawing Title  
**PAVEMENT MARKING  
AND SIGNAGE  
NOTES AND DETAILS**  
Location  
HAMPTON, VIRGINIA

Project Title  
**CONSTRUCT AND  
REPAIR SURFACE  
ROADS AND  
PARKING**  
Building No. ---  
Checked by: GAR  
Drawn by: JBR


Date  
09/17/2014  
Project No.  
590-13-102  
CP-05  
SHEET 32 OF 36  
Department of Veterans Affairs



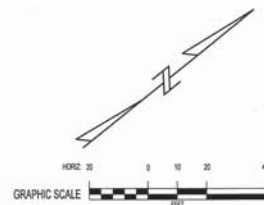




GRAPHIC SCALE

|                                                                                     |  |                                                                                     |  |                                                                                                                          |  |                                                                                                                                            |  |                                       |  |                                                                        |  |                           |  |                           |  |                                |  |
|-------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|--|------------------------------------------------------------------------|--|---------------------------|--|---------------------------|--|--------------------------------|--|
|  |  |  |  | <b>FRANKLIN BLVD. REALIGNMENT/<br/>SOUTHERN PARKING</b><br><br>CONSTRUCTION DRAWINGS 2 (100%)<br>ISSUED FOR CONSTRUCTION |  |  <b>HAMPTON</b><br><br>DEPARTMENT OF VETERANS AFFAIRS |  | Drawing Title<br><b>PLANTING PLAN</b> |  | Project Title<br><b>CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING</b> |  | Date<br>09/17/2014        |  | Project No.<br>590-13-102 |  | Department of Veterans Affairs |  |
| Revisions                                                                           |  | Date                                                                                |  |                                                                                                                          |  |                                                                                                                                            |  | Location<br><b>HAMPTON, VIRGINIA</b>  |  | Building No.                                                           |  | Checked by:<br><b>GAR</b> |  | Drawn by:<br><b>JBR</b>   |  | <b>LP-02</b><br>SHEET 34 OF 55 |  |





Notes: 1. All other disturbed areas not covered with sod or mulch shall be hydro-seeded.  
2. The above planting/landscape schedule and quantities are totals for the entire project.



Department of  
Veterans Affairs







## EROSION & SEDIMENT CONTROL NOTES

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ES-1: Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be constructed in accordance with the minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook and the Virginia Erosion and Sediment Control Regulations (4VAC5-50).                                                                                                                                                                     | ES-8: During dewatering operations, water shall be pumped into an approved filtering device.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ES-2: The plan approving authority must be notified one week prior to the commencement of any construction activity. The notice shall be provided prior to the final inspection. The name of the Responsible Land Owner shall be provided. The plan approving authority prior to actual engagement in the construction activity shall be on the approved site plan. If the name is not provided prior to engaging in the land-disturbing activity the plan's approval will be revoked. | ES-9: The contractor shall inspect all erosion control measures at least once every 2 weeks or immediately after each rainfall producing rainfall event. Any necessary repairs or cleanup to maintain the effectiveness of the erosion control devices shall be made immediately.                                                                                                                                                                                                                                |
| ES-3: All erosion and sediment control measures are to be placed prior to or as the first step in clearing.                                                                                                                                                                                                                                                                                                                                                                            | ES-10: The contractor is responsible for the daily maintenance of the sediment traps, and to transport into a paved or public road surface.                                                                                                                                                                                                                                                                                                                                                                      |
| ES-4: A copy of the approved erosion and sediment control plan and the Virginia Erosion and Sediment Control Handbook shall be maintained on the site at all times.                                                                                                                                                                                                                                                                                                                    | ES-11: Seeding operations shall be initiated within 7 days after reaching final grade or upon suspension of grading operations for anticipated periods of 30 days or longer. Upon completion of grading operations for a specific area.                                                                                                                                                                                                                                                                          |
| ES-5: Prior to commencing land disturbing activities in areas other than indicated on these plans, the contractor must submit a plan for storm water or waste runoff. The plan shall be submitted to the plan approving authority for review and approval by the plan approving authority.                                                                                                                                                                                             | ES-12: The contractor shall be responsible for protecting surface and air movement of dust from exposed soils which may present health hazards, fire and safety problems, or harm animal or plant life.                                                                                                                                                                                                                                                                                                          |
| ES-6: The contractor is responsible for installation and maintenance of erosion control measures to prevent erosion and sedimentation as determined by the plan approving authority.                                                                                                                                                                                                                                                                                                   | ES-13: A Virginia Stormwater Management Permit (VSWMP) for the proposed project is required for all construction activities is required for the proposed project. If the disturbance is greater than 1 acre, a VSWMP is also required for projects disturbing 2,500 square feet or greater in a residential subdivision. For more information, visit the Virginia Stormwater Management Program at <a href="http://www.dcr.state.va.us/vswmp.htm">http://www.dcr.state.va.us/vswmp.htm</a> for more information. |
| 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. If a final plan, upon approval of the plan approving authority, the controls shall be removed. Erosion control and the disturbed soils areas resulting from the removal of temporary measures shall be permanently stabilized to prevent further erosion and sedimentation.             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

| APPLICATION DATES | SPECIES                                                                                                    | APPLICATION RATES   |
|-------------------|------------------------------------------------------------------------------------------------------------|---------------------|
| SEPT. 1 - FEB. 15 | 50/50 Mix of Annual Ryegrass ( <i>Lolium multiflorum</i> ) & Cereal (Winter) Rye ( <i>Secale cereale</i> ) | 50 - 100 (lbs/acre) |
| FEB. 16 - APR. 30 | Annual Ryegrass ( <i>Lolium multiflorum</i> )                                                              | 60 - 100 (lbs/acre) |
| MAY 1 - AUG. 31   | German Millet                                                                                              | 50 (lbs/acre)       |

Apply 10-20-10 fertilizer at a rate of 450 lbs. / acre (or 10 lbs. / 1,000 sq. ft.)  
Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.)

TABLE 3.32-E  
(Revised June 2003)  
SPECIFICATIONS FOR COASTAL PLAIN AREA

1 - When selecting varieties of turfgrass, use the Virginia Crop Improvement Association (VCIA) recommended turfgrass variety list. Quality seed will bear a label indicating that they are approved by VCIA. A current turfgrass variety list can be found at <http://www.vcra.org/varietylist.htm> or at <http://www.ces.virginia.edu/1m4/cvcr/turfgrass/varieties/publications.htm>

2 - Use seasonal nurse crop in accordance with seeding dates as stated below:

|                                       |            |
|---------------------------------------|------------|
| February, March-April.....            | Annual Rye |
| May 1st-August 1st.....               | Annual Rye |
| September, October-November 15th..... | Annual Rye |
| November 16th January.....            | Winter Rye |

3 - Mow through October, use heated seed. All other seeding periods, use unheated seed.

4 - Seeding Limerock, lime, and straw or straw substitute at 30-40 lbs/acre, increase mow during warmer seeding periods increase to 30-40 lbs/acre.

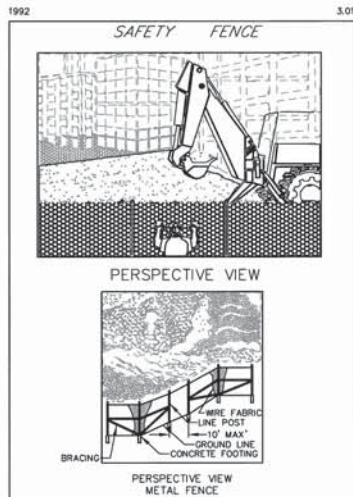
| FERTILIZER & LIME                                                                             |
|-----------------------------------------------------------------------------------------------|
| Apply 10-20-10 fertilizer at a rate of 500 lbs. / acre (or 12 lbs. / 1,000 sq. ft.)           |
| Apply Pulverized Agricultural Limestone at a rate of 2 tons/acre (or 90 lbs. / 1,000 sq. ft.) |

Figure 1 consists of three diagrams illustrating the details of the drop inlet. The top diagram is a perspective view of a 2'x4' wood frame with a 3' height. The middle diagram is a top view showing the drop inlet with grate and frame, with a label 'DROP INLET WITH GRATE' and 'FRAME'. The bottom diagram is a detail view of the corner showing the stake, fabric, and detail A, with a label '1' MIN.' and 'DETAIL A'.

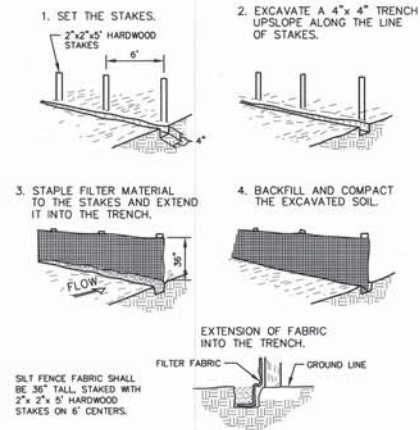
### INLET PROTECTION (TYPE A)

|                    |            |
|--------------------|------------|
| <b>Date</b>        | 09/17/2014 |
| <b>Project No.</b> | 590-13-102 |
| <b>DT-01</b>       |            |

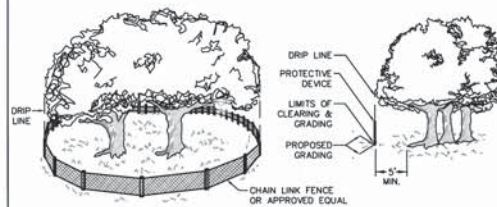
CONSTRUCTION ENTRANCE W/WASH RACK  
VE8SC STD & SPEC 3.02



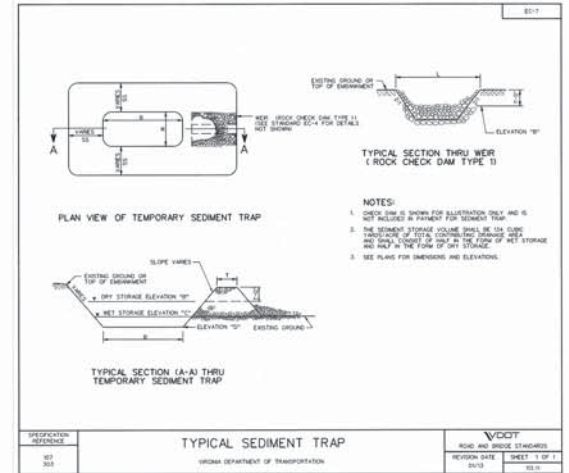
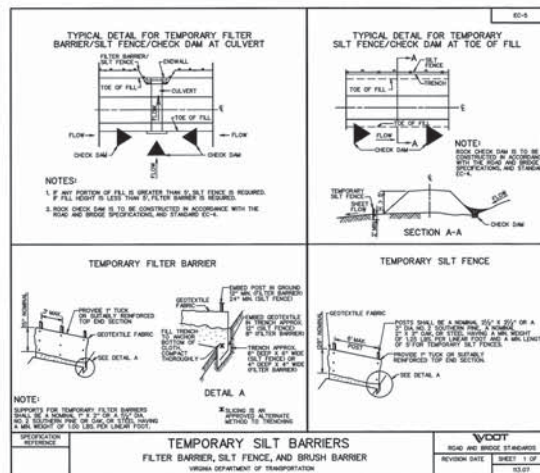
### SAFETY FENCE



SILT FENCE  
VE&SC STD & SPEC 3.05  
(WITHOUT WIRE SUPPORT)



TREE PROTECTION  
VE&SC STD & SPEC 3.38 (MOD) NTS

[illegible]

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**FRANKLIN BLVD.  
REALIGNMENT/  
SOUTHERN PARKING**  
CONSTRUCTION DRAWINGS 2 (100%)  
ISSUED FOR CONSTRUCTION



 **HAMPTON**  
DEPARTMENT OF VETERANS AFFAIRS

Drawing Title  
**DETAILS**

Location  
**HAMPTON, VIRGINIA**

**Project Title**  
**CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING**

|              |             |           |
|--------------|-------------|-----------|
| Building No. | Checked by: | Drawn by: |
|              | GAR         | JBR       |

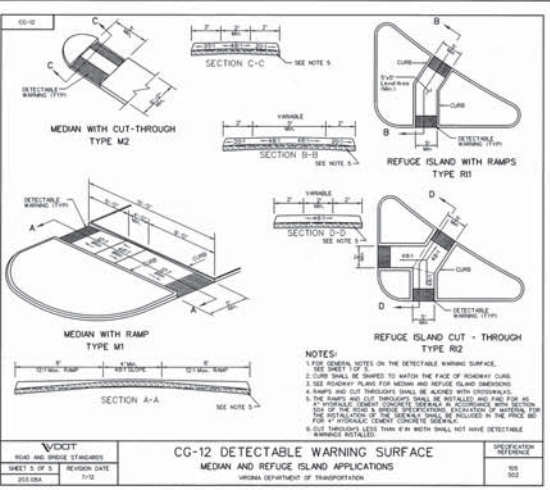
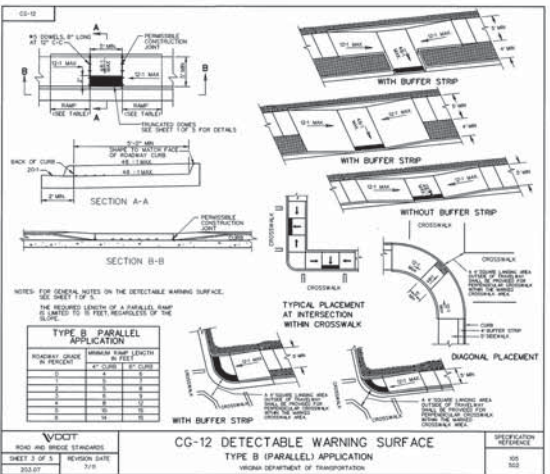
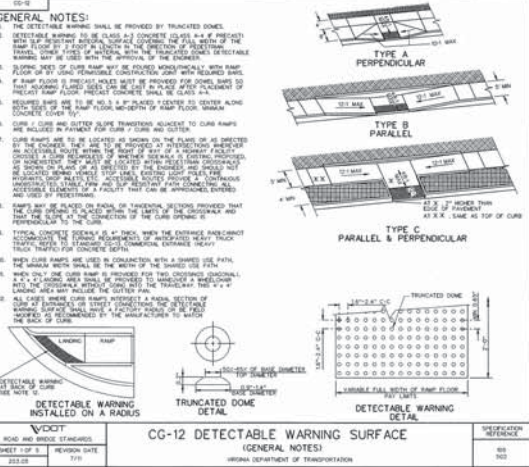
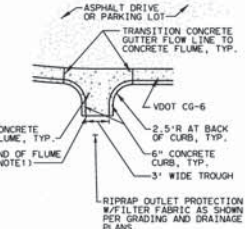
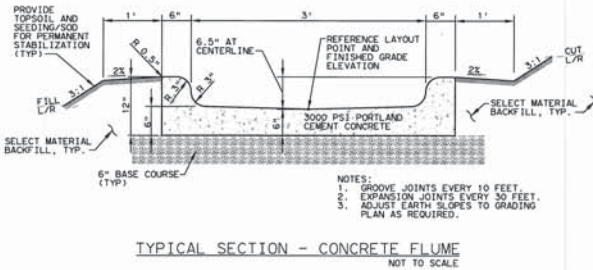
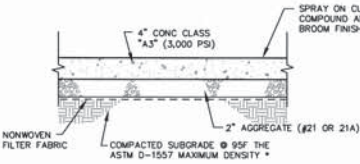
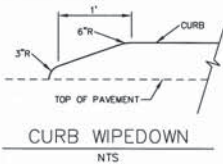
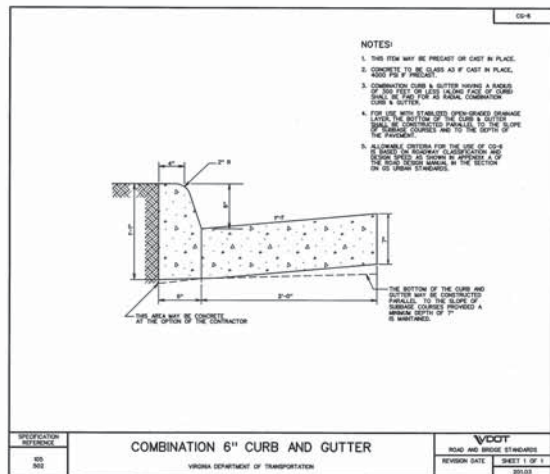
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Project No.  
590-13-102

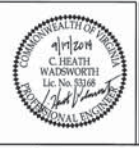
**DT-02**  
SHEET 38 OF 56







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**FRANKLIN BLVD. REALIGNMENT/ SOUTHERN PARKING**

CONSTRUCTION DRAWINGS 2 (100%)  
ISSUED FOR CONSTRUCTION

**HAMPTON**

DEPARTMENT OF VETERANS AFFAIRS

**Drawing Title**

**DETAILS**

Location: HAMPTON, VIRGINIA

**Project Title**

**CONSTRUCT AND REPAIR SURFACE ROADS AND PARKING**

Date: 09/17/2014  
Project No.: 590-13-102  
SHEET 39 OF 56

