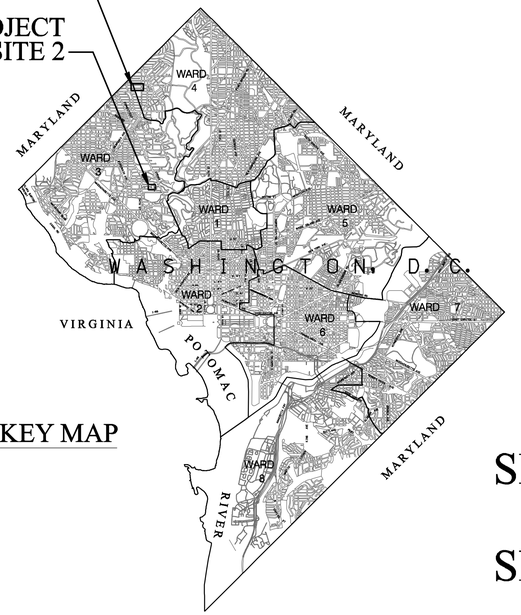
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	XXX	1	XXX

PROJECT SITE 1

PROJECT SITE 2



KEY MAP

DISTRICT OF COLUMBIA

DEPARTMENT OF TRANSPORTATION

PLANS OF PROPOSED

GREEN ALLEYS PROJECT

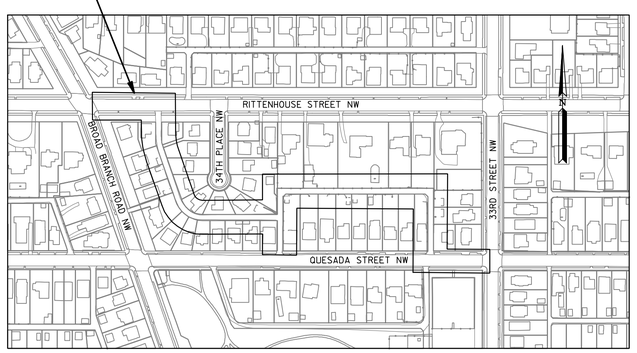
SITE 1: 34TH PL., BROAD BRANCH RD., RITTENHOUSE ST., 33RD ST., QUESADA ST. | CHEVY CHASE | NORTHWEST

SITE 2: ASHLEY TERRACE | CLEVELAND PARK | NORTHWEST

RECONSTRUCTION = 1,600 FT = 0.30 MILES

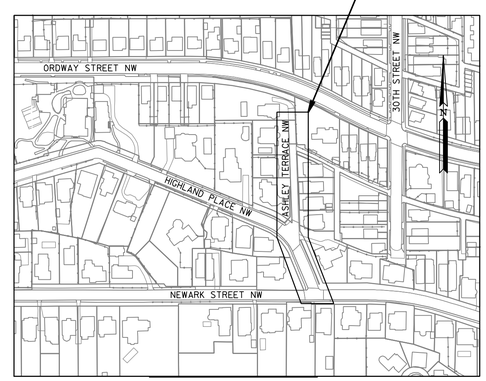
LENGTH OF PROJECT = 1,600 FT = 0.30 MILES

PROJECT SITE 1



PROJECT SITE 1
LOCATION MAP
SCALE: 1"=200'

PROJECT SITE 2



PROJECT SITE 2
LOCATION MAP
SCALE: 1"=200'

DDOE SUBMISSION
JANUARY 2012

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR APPROVAL:

AWI PROGRAM MANAGER

APPROVED:

CHIEF TRANSPORTATION ENGINEER

TRANSPORTATION POLICY AND PLANNING ADMINISTRATION

TRAFFIC SERVICES ADMINISTRATION

DATE:

J:\TRANS\1049.006 Green Alley\CADD\Sheet Files\pGN-T000_GreenAlleys.dgn $PENTBLS$
Thursday, January 12, 2012 AT 03:56 PM $PLTDRVS$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

GENERAL NOTES

GENERAL

1. IN CASE OF DISCREPANCY AMONG CONTRACT DOCUMENTS REFER TO STANDARD SPECIFICATIONS, SECTION 103.1, ARTICLE 2, ORDER OF PRECEDENCE.

2. THIS PROJECT WILL TEMPORARILY IMPACT ACCESS FOR PARKING AND REFUSE COLLECTION FOR ADJACENT PROPERTIES ON BOTH SITES. COORDINATION BETWEEN THE CONTRACTOR, DPW, DDOT, AND ADJACENT PROPERTY OWNERS WILL BE NECESSARY. RESIDENTIAL REFUSE COLLECTION OCCURS WEEKLY ON MONDAY FOR BOTH AREAS. THE CONTRACTOR SHALL NOTIFY THE DDOT PROJECT ENGINEER TWO WEEKS PRIOR TO THE BEGINNING OF CONSTRUCTION SO THAT ARRANGEMENTS CAN BE MADE WITH THE ADJACENT PROPERTY OWNERS.

3. CONTRACTOR IS RESPONSIBLE FOR OBTAINING PUBLIC SPACE PERMITS FROM THE DISTRICT OF COLUMBIA DEPARTMENT OF CONSUMER AND REGULATORY AFFAIRS (DCRA) LOCATED AT:

   1100 4TH STREET SW
   WASHINGTON, DC ,20024

   PHONE: (202) 442-4400
   WEB: dcra.dc.gov

   PRIOR TO BEGINNING CONSTRUCTION, PUBLIC SPACE CONSTRUCTION PERMITS WILL BE REQUIRED FOR BOTH SITES. IF THE CONTRACTOR WISHES TO STORE MATERIALS OR EQUIPMENT IN PUBLIC SPACE A SEPARATE OCCUPANCY PERMIT IS REQUIRED.

   APPLICATIONS FOR PUBLIC PERMITS CAN BE INITIATED ONLINE BUT THE PROCESS CAN BE EXPEDITED BY MAKING AN APPOINTMENT TO VISIT DCRA WITH THE ENGINEER.

4. STREET AND ALLEY CLOSURE PROCEDURES ARE OUTLINED IN SECTION 24.14 OF DISTRICT OF COLUMBIA MUNICIPAL REGULATIONS.

5. WORK WILL BE PERMITTED MONDAY THRU FRIDAY BETWEEN 7:00AM AND 7:00PM.

6. THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING ADJACENT STRUCTURES DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUPPORT OF ADJACENT STRUCTURES OR RESULTING DAMAGES TO ADJACENT STRUCTURES DUE TO IMPROPER SUPPORT DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION. CONFLICTS SHOULD BE RESOLVED DURING CONSTRUCTION BETWEEN THE CONTRACTOR, ENGINEER, AND PROPERTY OWNERS.

SURVEY

1. SURVEY PERFORMED BY: MERCADO CONSULTANTS INC.
   17830 NEW HAMPSHIRE AVE. SUITE 200
   ASHTON, MD 20861
   PHONE: 301-260-0090
   FAX: 301-260-0018

   DATE OF SURVEY: JUNE/JULY 2011
   HORIZONTAL DATUM: MARYLAND STATE PLANE COORDINATE SYSTEM - NAD 83/91
   VERTICAL DATUM: D.C. ENGINEERS SURVEY DATUM
   SURVEY UNIT: SURVEY FEET

2. THE FINISHED ELEVATIONS, ALIGNMENTS AND LIMITS OF WORK PROVIDED IN THE PLANS ARE BASED ON THE FIELD SURVEY DATA. THE CONTRACTOR IS RESPONSIBLE TO BRING TO THE NOTICE OF THE DDOT PROJECT ENGINEER ANY DISCREPANCY OR MISMATCH OF THE PROPOSED CONSTRUCTION WITH THE EXISTING CONDITIONS.

3. GIS PHOTOGRAMMETRIC DATA (I.E. CONTOURS, BUILDING FOOTPRINTS, EDGE OF ROAD, ETC.) IS SHOWN BEYOND THE LIMIT OF SURVEY FOR INFORMATIONAL PURPOSES ONLY AND SHOULD NOT BE USED FOR CONSTRUCTION. THE DATA WAS DOWNLOADED FROM THE DISTRICT OF COLUMBIA - OFFICE OF THE CHIEF TECHNOLOGY OFFICER (OCTO).

4. RIGHT OF WAY LINES, PROPERTY LINES, OWNERS, AND ADDRESSES SHOWN IN THESE PLANS ARE BASED ON PLAT/DEED RESEARCH BUT SHOULD BE USED FOR INFORMATIONAL PURPOSES ONLY.

UTILITIES

1. CONTRACTOR SHALL NOTIFY MISS UTILITY (1-800-257-7777) 48 HOURS PRIOR TO ANY EXCAVATION WORK.

2. EXISTING UNDERGROUND UTILITIES DEPICTED IN THESE PLANS ARE BASED ON RESEARCH OF RECORD DRAWINGS, NON-INVASIVE FIELD INVESTIGATION, AND TEST PIT INVESTIGATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING EXCAVATION.

3. THE CONTRACTOR SHALL KEEP ALL UTILITIES IN SERVICE DURING CONSTRUCTION. IF ANY UTILITY IS ACCIDENTALLY DISRUPTED DURING CONSTRUCTION, THE UTILITY OWNER AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY. TEMPORARY AND/OR PERMANENT RESTORATION OF SERVICE SHALL BE AT THE CONTRACTOR'S EXPENSE. PLANNED DISRUPTIONS IN UTILITY SERVICE MUST BE COORDINATED THROUGH THE ENGINEER.

EROSION AND SEDIMENT CONTROL

1. THE CONTRACTOR SHALL INSTALL ALL SEDIMENT CONTROL PROTECTION MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION AS SHOWN IN PLANS.

2. THE CONTRACTOR SHALL INSTALL SEDIMENT CONTROL PROTECTION FOR NEW INLETS IMMEDIATELY AFTER THE INLETS ARE CONSTRUCTED.

3. THE CONTRACTOR SHALL INSTALL SEDIMENT CONTROL PROTECTION FOR EXISTING NEARBY INLETS OUTSIDE THE LIMIT OF WORK THAT ARE IMPACTED BY THE CONSTRUCTION.

4. THE CONTRACTOR SHALL REMOVE SEDIMENT CONTROL PROTECTION UPON COMPLETION OF EACH PHASE OF CONSTRUCTION AS DIRECTED BY THE DDOT PROJECT ENGINEER.

TRAFFIC CONTROL PLAN

1. DURING ALL PHASES OF CONSTRUCTION AND THE DURATION OF THE CONTRACT THE TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE CONTRACT DRAWINGS AND SPECIAL PROVISIONS. PEDESTRIAN ACCESS SHALL BE MAINTAINED TO ADJACENT PROPERTIES AT ALL TIMES. IF EXISTING ACCESS IS ADA-COMPLIANT, THEN CONTRACTOR IS REQUIRED TO MAINTAIN ADA COMPLIANT ACCESS.

2. IF THE CONTRACTOR DOES NOT WISH TO USE THE TRAFFIC CONTROL PLANS IN THE CONTRACT DOCUMENTS, ALTERNATE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

3. CONTRACTOR TO COORDINATE WITH RESIDENTS TO PROVIDE ACCESS TO HOUSES.

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PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012 | SCALE: N /A | GN-01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

GENERAL NOTES

DIVISION CHIEF
DATE ____
FILE ____

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

SD	EXISTING STORMDRAIN MANHOLE
CS	EXISTING COMBINED SANITARY & STORMDRAIN MANHOLE
V SS	EXISTING SANITARY SEWER VENT
M.H. ?	EXISTING MANHOLE UNKNOWN
SS	EXISTING SANITARY SEWER MANHOLE
W	EXISTING WATER MANHOLE
CO	EXISTING SANITARY SEWER CLEANOUT
WM	EXISTING WATER METER
V	EXISTING WATER VALVE OR CUT-OFF
GM	EXISTING GAS METER
V	EXISTING GAS VALVE OR CUT-OFF
V	EXISTING GAS VENT
EM	EXISTING ELECTRIC METER
SS SD W	PROPOSED SANITARY SEWER, STORM DRAIN, WATER MANHOLE
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT
WV GV	PROPOSED WATER VALVE, GATE VALVE
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE LESS THAN 24"
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE 24" OR GREATER
SIZE & TYPE G T E	EXISTING UNDERGROUND GAS, TELEPHONE, ELECTRIC LINE
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE TO BE ABANDONED
SIZE & TYPE G T E	EXISTING UNDERGROUND GAS, TELEPHONE, ELECTRIC LINE TO BE ABANDONED
SIZE & TYPE SS CS SD W	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE TO BE REMOVED
SIZE	EXISTING CATCH BASIN CONNECTION WITH DIRECTION OF FLOW
LENGTH & SIZE	PROPOSED CATCH BASIN CONNECTION WITH DIRECTION OF FLOW
LENGTH, SIZE & TYPE	PROPOSED STORM DRAIN LINE WITH DIRECTION OF FLOW, LESS THAN 24"
LENGTH, SIZE & TYPE	PROPOSED STORM DRAIN LINE WITH DIRECTION OF FLOW, 24" OR GREATER
SIZE & TYPE	EXISTING CULVERT WITH DIRECTION OF FLOW
SIZE & TYPE	PROPOSED CULVERT WITH DIRECTION OF FLOW
	EXISTING RAILROAD
	EXISTING STREETCAR TRACKS
	PROPOSED LIMIT OF MAJOR WORK
	PROPOSED LIMIT OF REPAIR WORK
	EXISTING HEDGEROW
	EXISTING BUSH OR SHRUB
DIA. DIA.	EXISTING DECIDUOUS TREE, EVERGREEN TREE
	PROPOSED TREE
	EXISTING TREE STUMP
DIA.	EXISTING TREE TO BE REMOVED
DIA	EXISTING TREE WITH TREE PROTECTION
HEIGHT	EXISTING WALL OR COPING
HEIGHT	PROPOSED WALL OR COPING
E.V.	EXISTING ELECTRIC VAULT
	EXSITING GUARDRAIL - SINGLE FACE
	PROPOSED GUARDRAIL - SINGLE FACE
	EXSITING GUARD RAIL- DOUBLE FACE
	PROPOSED GUARD RAIL- DOUBLE FACE
	EXISTING SIGNAL POLE
	PROPOSED SIGNAL POLE

LOD	LIMIT OF DISTURBANCE
TPF	TREE PROTECTION FENCE
	LIMIT OF SURVEY
℄	PROPOSED CENTER LINE
104+00	PROPOSED BASE LINE & STATIONING
	FEATURES TO REMAIN
	STATE LINE
R.O.W.	RIGHT-OF-WAY LINE
	BUILDING RESTRICTION LINE
	LOT LINE
	PROPOSED FENCE (Indicate Type)
	EXISTING FENCE (Indicate Type)
45.67	EXISTING SPOT ELEVATION (AND/OR FEATURE)
45.67	PROPOSED SPOT ELEVATION (AND/OR FEATURE)
3	BENCH MARK WITH NUMBER
	TRIANGULATION OR COORDINATION STATION
#5	LOCATION OF TEST BORING WITH NUMBER
#5	LOCATION OF TEST PIT WITH NUMBER
	TRIANGULATION OR CONTROL POINT
4	REVISION WITH NUMBER
	BREAK IN GRADE
	STATION EQUATION
M	EXISTING PARKING METER
F	EXISTING FIRE ALARM BOX
P	EXISTING POLICE CALL BOX
T	EXISTING TRASH/WASTE CAN
G T E	EXISTING GAS, TELEPHONE, ELECTRIC MANHOLE
GUY	EXISTING GUY WIRE ANCHOR
	DIRECTION OF TRAFFIC
	EXISTING SIGN & POST
	PROPOSED SIGN & POST
M.B.	MAIL BOX
	EXISTING WHEELCHAIR/BICYCLE RAMP
	PROPOSED WHEELCHAIR/BICYCLE RAMP
	EXISTING BOLLARD OR POST
	EXISTING SINGLE CATCH BASIN
	EXISTING DOUBLE CATCH BASIN
	EXISTING TRIPLE CATCH BASIN
	EXISTING SINGLE CATCH BASIN WITH DOUBLE THROAT ELONGATION
	EXISTING SINGLE CATCH BASIN WITH TRIPLE THROAT ELONGATION
	EXISTING SINGLE CATCH BASIN WITH GRATE
	EXISTING DOUBLE CATCH BASIN WITH GRATE
	PROPOSED SINGLE CATCH BASIN
	PROPOSED DOUBLE CATCH BASIN
	PROPOSED TRIPLE CATCH BASIN
	PROPOSED SINGLE CATCH BASIN WITH GRATE
	PROPOSED DOUBLE CATCH BASIN WITH GRATE
U.D.	EXISTING UNDERDRAIN
U.D.	PROPOSED UNDERDRAIN W/ FLOW DIRECTION
O.D.	PROPOSED OVERDRAIN W/ FLOW DIRECTION
	EXISTING LIGHT POLE
	PROPOSED LIGHT POLE

ABUT.	ABUTMENT
AC /A.C.	ASPHALTIC CONCRETE
ALT.	ALTERNATE
ANG./∠	ANGLE
APPROX.	APPROXIMATE
@	AT
AGG.	AGGREGATE
AVE.	AVENUE
ASPH	ASPHALT
℄	BASELINE
B. C.	BOTTOM OF CURB
BOT.	BOTTOM
BRG./BRGS.	BEARING /BEARINGS
C.B./CB	CATCH BASIN
C/C	CENTER TO CENTER
C.J./CONST. JT.	CONSTRUCTION JOINT
CLR.	CLEARANCE, CLEAR COVER
CL	CLASS
℄	CENTERLINE
COL.	COLUMN
COMP.	COMPRESSION
CONC.	CONCRETE
CONSTR/CONST.	CONSTRUCTION
CONT.	CONTINUOUS
CONTR.	CONTROL, CONTRACTION
C.S.	CURVE TO SPIRAL
D	DEGREE OF CURVATURE
DIA./∅	DIAMETER
DIAPH.	DIAPHRAGM
DIM.	DIMENSION
E.F.	EACH FACE
EA.	EACH
EGE	EXISTING GROUND ELEVATION
EGL	EXISTING GROUND LINE
E.J./EXP. JT.	EXPANSION JOINT
EL./ELEV.	ELEVATION
ENT.	ENTRANCE
EQ.	EQUAL
EX./EXIST.	EXISTING
EXP.	EXPANSION
EXT.	EXTERIOR
ELECT.	ELECTRICAL
E/P	EDGE OF PAVEMENT
F.F.	FAR FACE
F.H.	FIRE HYDRANT
FT.	FEET
FIN.	FINISHED
FIX.	FIXED
FL.	FLOOR
GALV.	GALVANIZED
GA.	GAUGE
G.V.	GAS VALVE
H/C	HANDICAPPED
H.S.	HIGH STRENGTH
HT.	HEIGHT
HORIZ/HOR	HORIZONTAL
IN.	INCH
INT.	INTERIOR
INV.	INVERT
INTERM.	INTERMEDIATE
LC	LENGTH OF CURVE, LENGTH
LOD	LIMIT OF DISTRUBANCE
LP	LIGHT POLE
LT./LT/L	LEFT
LONG.	LONGITUDINAL
LVC	LENGTH OF VERTICAL CURVE
MAT'L.	MATERIAL
MED.	MEDIAN
MIN.	MINIMUM
MAX.	MAXIMUM
MH./M.H.	MANHOLE
M.P.H./MPH	MILES PER HOUR
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NA	NOT APPLICABLE
N.B.L.	NORTH BOUND LANES
N.E./NE	NORTHEAST
N.F.	NEAR FACE
N.I.C.	NOT IN CONTRACT
NO./#	NUMBER
N.T.S.	NOT TO SCALE, NO SCALE
N.W./NW	NORTHWEST

O/H	OVERHEAD
O.C.	ON CENTER
O.D.	OVERDRAIN
PL	PLATE
PCC	PORTLAND CEMENT CONCRETE
PCCP	PORTLAND CEMENT CONCRETE PIPE
P.C.C.	POINT OF COMPOUND CURVATURE
PC	POINT OF CURVE
PGE	PROFILE GRADE ELEVATION
PGL	PROFILE GRADE LINE
PI	POINT OF INTERSECTION
POC	POINT ON CURVE
POT	POINT ON TANGENT
P/R	POINT OF RETURN
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
PVC	POINT OF VERTICAL CURVATURE
PVT	POINT OF VERTICAL TANGENCY
PVI	POINT OF VERTICAL INTERSECTION
PROP.	PROPOSED
RCP	REINFORCED CONCRETE PIPE
RCPR	REINFORCED CONCRETE PIPE WITH RUBBER GASKET
RAD./R	RADIUS
REQD./REQ'D.	REQUIRED
REF.	REFERENCE
REINF.	REINFORCEMENT
RT/RT.	RIGHT
RDWY.	ROADWAY
R.O.W./R/W	RIGHT-OF-WAY
SAN.	SANITARY
S.B.L.	SOUTH BOUND LANES
S.C.	SPIRAL TO CURVE
S.D.	STORM DRAIN
SECT.	SECTION
S.E.	SOUTHEAST
SEW.	SEWER
SHT/SHTS.	SHEET/SHEETS
SIM.	SIMILAR
SPA.	SPACES, SPACING
SQ.	SQUARE/SQUARES
SHLDR	SHOULDER
S.T.	SPIRAL TO TANGENT
ST.	STREET
STA.	STATION
STD.	STANDARD
STM.	STORM
STRUCT.	STRUCTURAL
℄	SURVEY LINE
S.W./SW	SOUTHWEST
S/W	SIDEWALK
SYMM.	SYMMETRICAL
T	TANGENT
T.C.	TOP OF CURB
TCP	TRAFFIC CONTROL PLAN
TEMP.	TEMPORARY
THRU	THROUGH
T.P.	TURNING POINT
T.S.	TANGENT TO SPIRAL
TYP./TYP	TYPICAL
T.W.	TOP OF WALL
U.D.	UNDERDRAIN
UG/U/G	UNDERGROUND
UGE	UNDERGROUND ELECTRICAL LINE
UGT	UNDERGROUND TELEPHONE LINE
U.N.O.	UNLESS NOTED OTHERWISE
VAR.	VARIES
VERT.	VERTICAL
W/	WITH
W/O	WITHOUT
W.W.F./WWF	WELDED WIRE FABRIC

GREENHORNE & O'MARA
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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: N /A	GN-02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

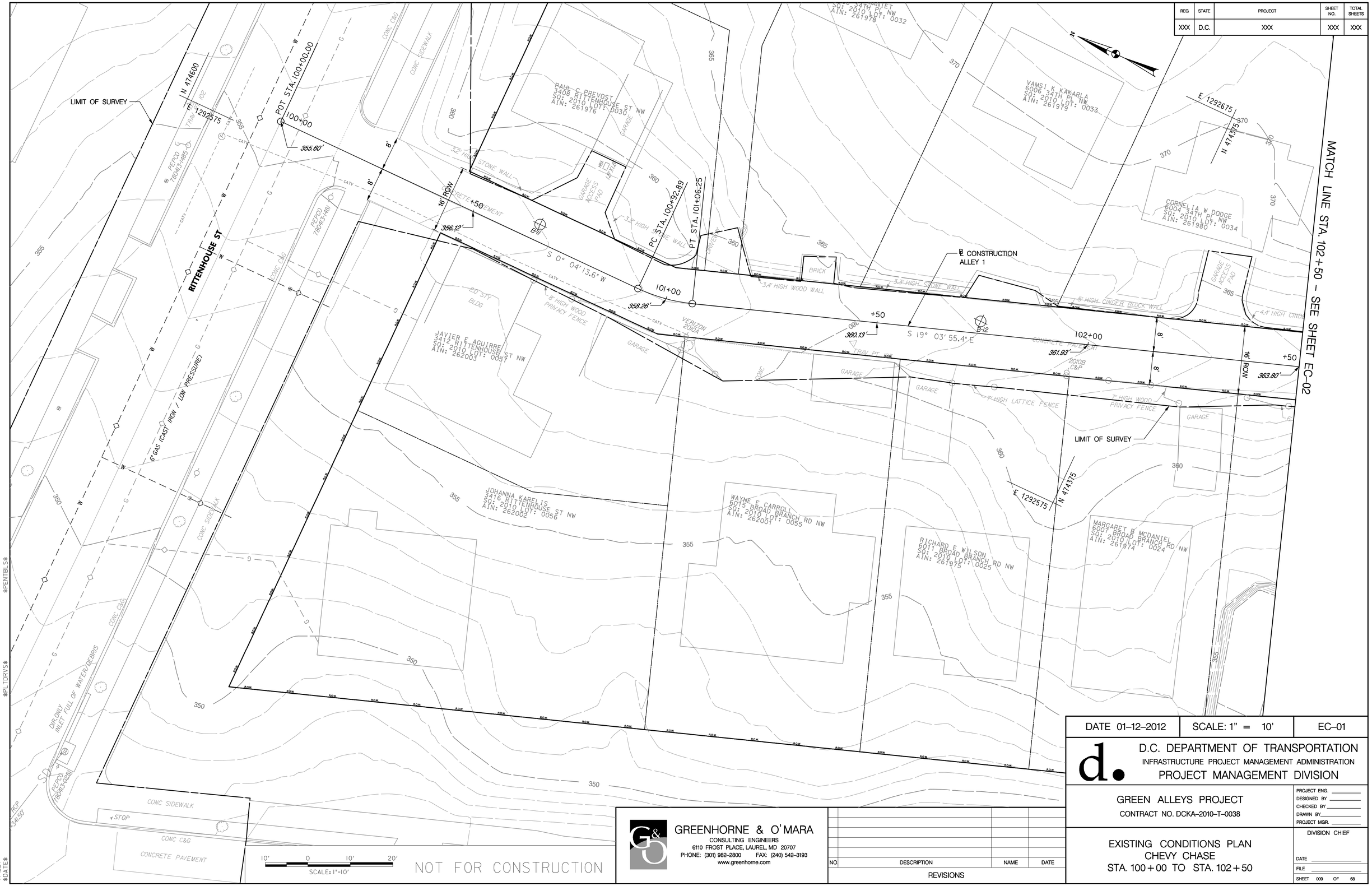
STANDARD SYMBOLS AND ABBREVIATIONS

DIVISION CHIEF
DATE _____
FILE _____

SHEET 003 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



DATE 01–12–2012	SCALE: 1" = 10'	EC–01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

EXISTING CONDITIONS PLAN
CHEVY CHASE
STA. 100+00 TO STA. 102+50

DIVISION CHIEF
DATE _____
FILE _____
SHEET 009 OF 68

GREENHORNE & O'MARA
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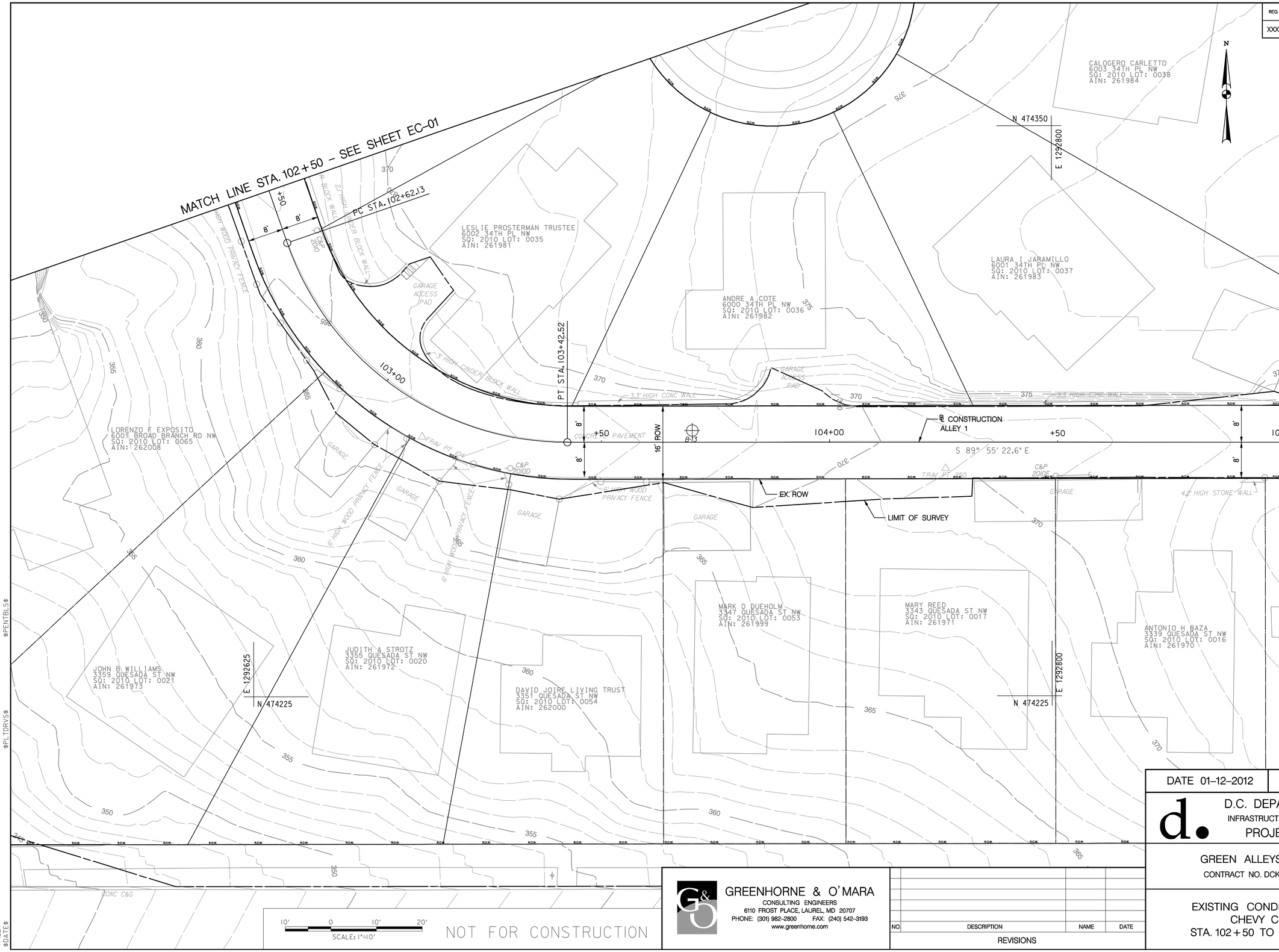
NO.	DESCRIPTION	NAME	DATE

REVISIONS

SCALE: 1"=10'

NOT FOR CONSTRUCTION

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

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CONSULTING ENGINEERS
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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012 | SCALE: 1" = 10' | EC–02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

EXISTING CONDITIONS PLAN
CHEVY CHASE
STA. 102+50 TO STA. 105+00

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____

SHEET 010 OF 68

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

$PENTBLS$

$PLTDRVS$

$FILE$
$DATE$

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982–2800 FAX: (240) 542–3193
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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012 | SCALE: 1" = 10' | EC–03

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

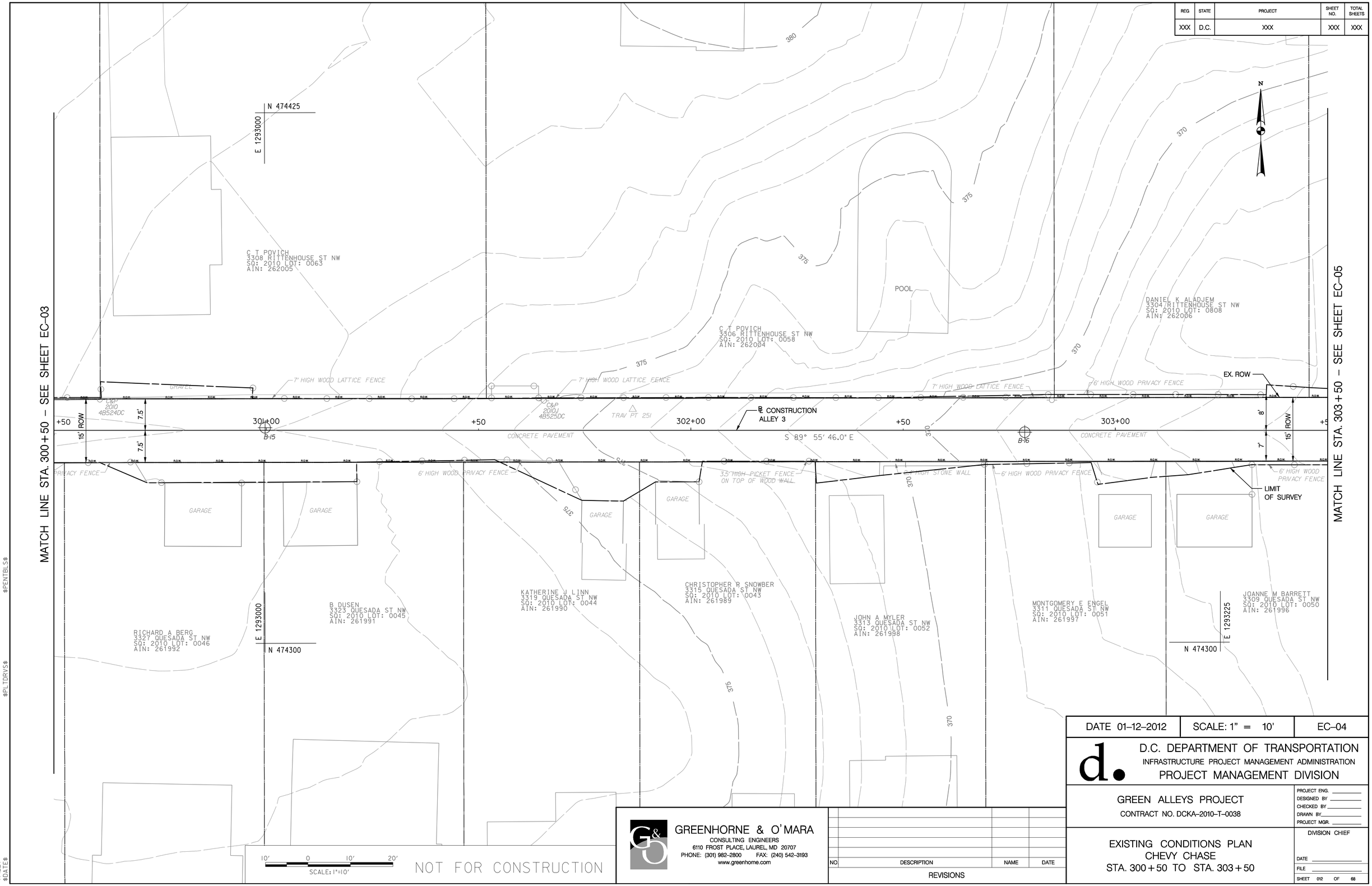
PROJECT ENG. ______
DESIGNED BY ______
CHECKED BY ______
DRAWN BY ______
PROJECT MGR. ______

EXISTING CONDITIONS PLAN
CHEVY CHASE
STA. 200+00 TO STA. 201+84

DIVISION CHIEF

DATE ______
FILE ______
SHEET 011 OF 68

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



DATE 01-12-2012	SCALE: 1" = 10'	EC-04

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

EXISTING CONDITIONS PLAN
CHEVY CHASE
STA. 300+50 TO STA. 303+50

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____

SHEET 012 OF 68

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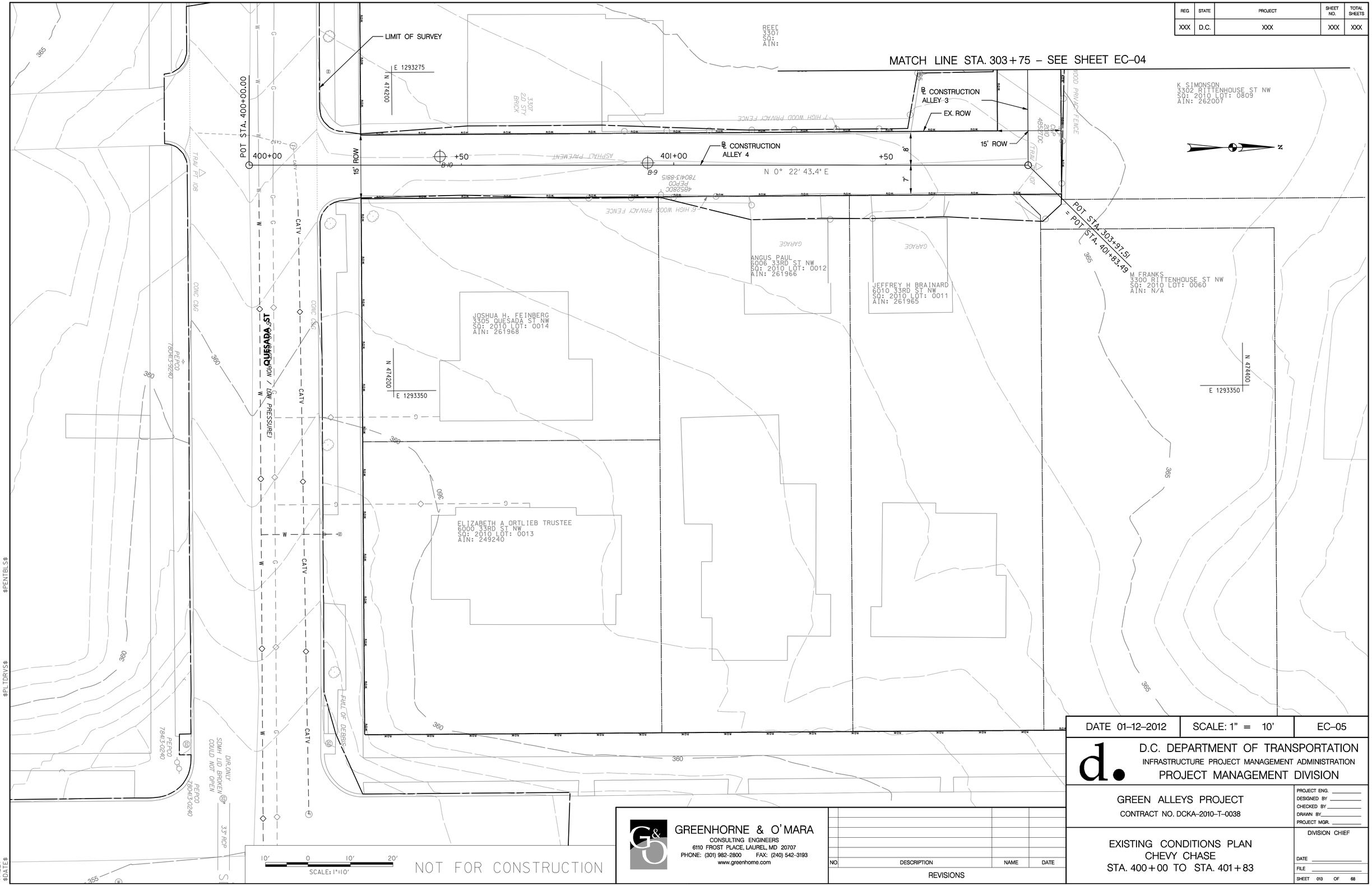
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



DATE 01-12-2012	SCALE: 1" = 10'	EC-05

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

EXISTING CONDITIONS PLAN
CHEVY CHASE
STA. 400+00 TO STA. 401+83

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____

SHEET 013 OF 68

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
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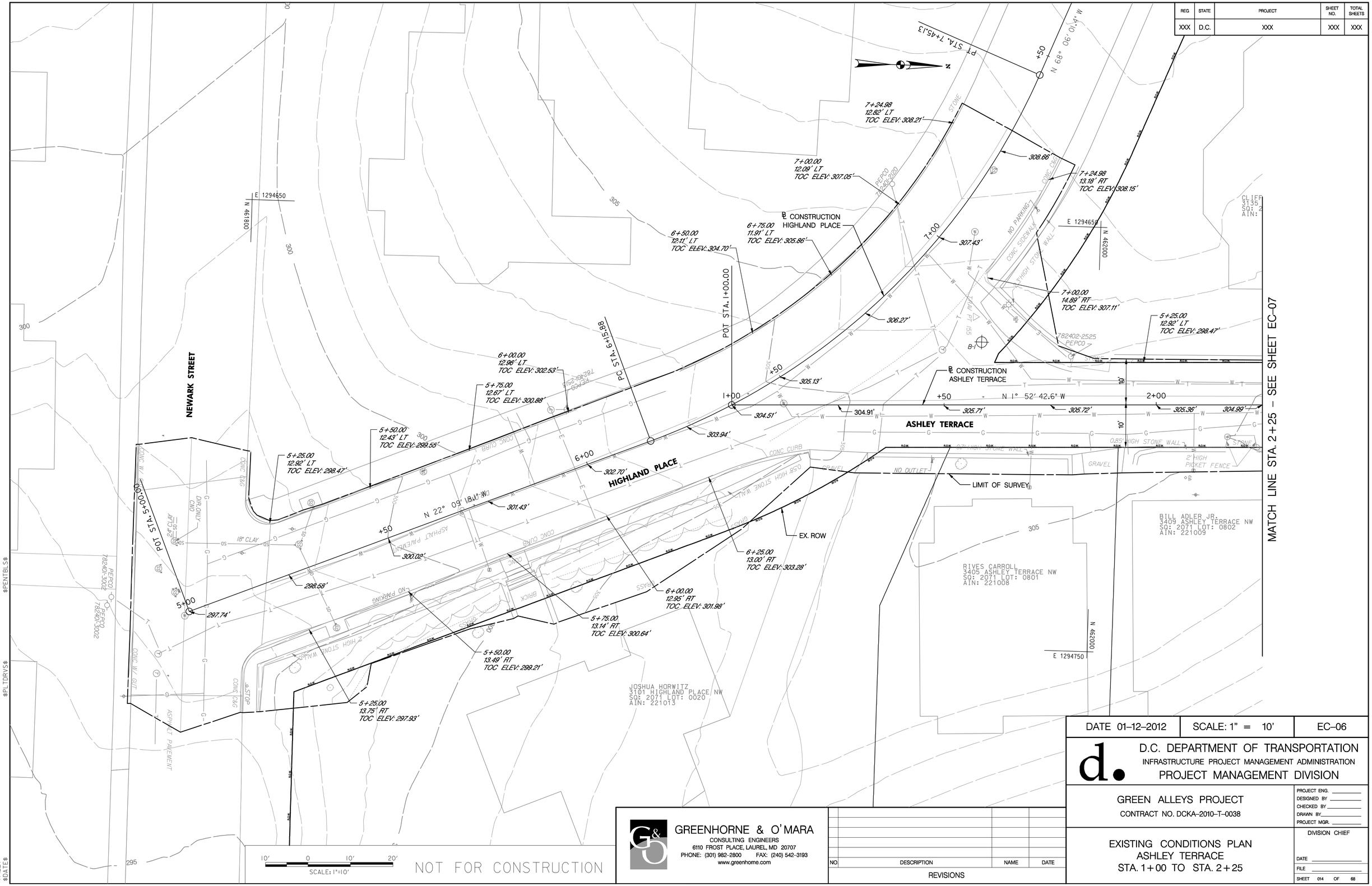
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



DATE 01–12–2012	SCALE: 1" = 10'	EC–06

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

EXISTING CONDITIONS PLAN
ASHLEY TERRACE
STA. 1+00 TO STA. 2+25

DIVISION CHIEF
DATE _____
FILE _____
SHEET 014 OF 68

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6110 FROST PLACE, LAUREL, MD 20707
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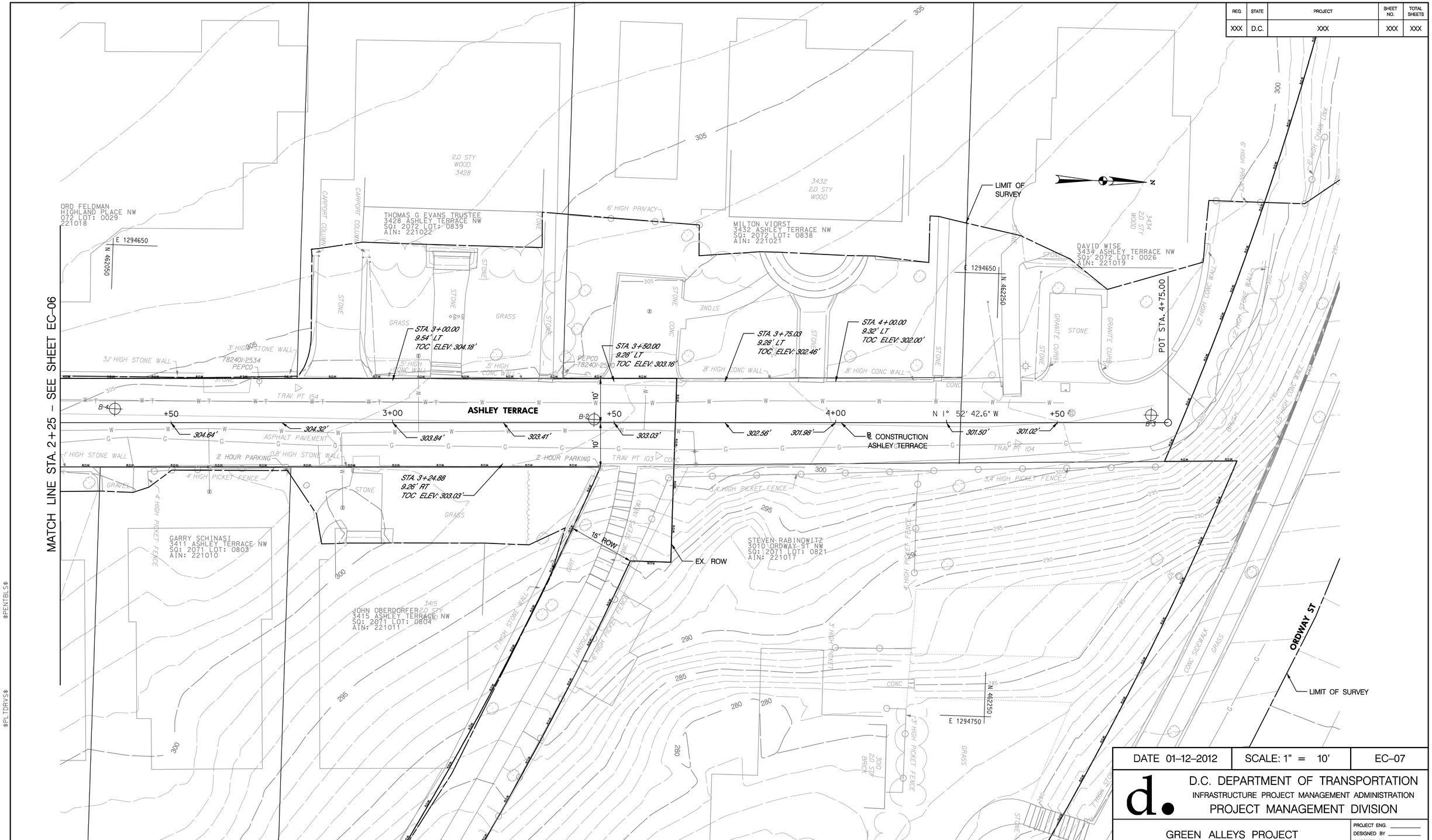
NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



DATE 01–12–2012	SCALE: 1" = 10'	EC–07

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

EXISTING CONDITIONS PLAN
ASHLEY TERRACE
STA. 2+25 TO STA. 4+75

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____
SHEET 015 OF 68

GREENHORNE & O'MARA
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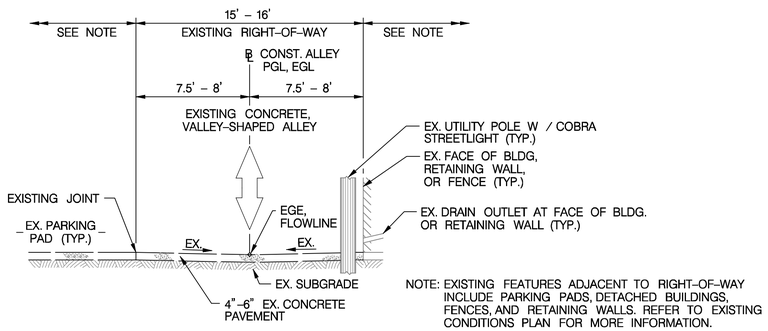
NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTE: EXISTING FEATURES ADJACENT TO RIGHT–OF–WAY INCLUDE PARKING PADS, DETACHED BUILDINGS, FENCES, AND RETAINING WALLS. REFER TO EXISTING CONDITIONS PLAN FOR MORE INFORMATION.

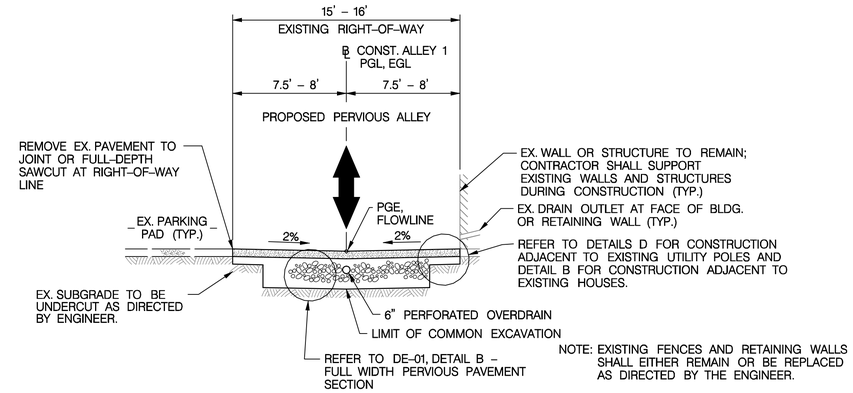
EXISTING TYPICAL SECTION
CHEVY CHASE

ALLEY 1 - STA. 100+27 TO STA. 105+48.84

ALLEY 2 - STA. 200+00 TO STA. 201+91.21

ALLEY 3 - STA. 300+00 TO STA. 303+97.51

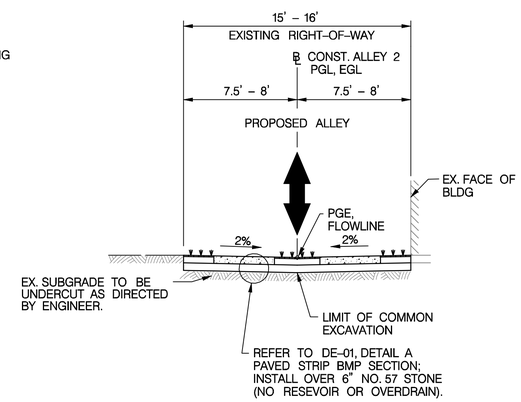
ALLEY 4 - STA. 400+00 TO STA. 401+91.50



NOTE: EXISTING FENCES AND RETAINING WALLS SHALL EITHER REMAIN OR BE REPLACED AS DIRECTED BY THE ENGINEER.

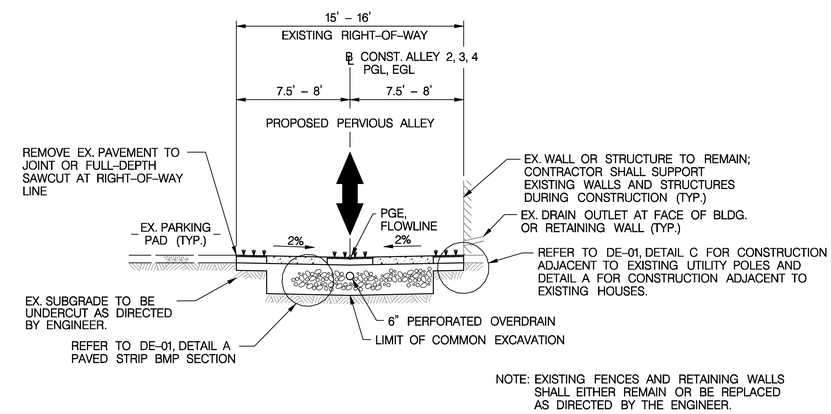
PROPOSED TYPICAL SECTION
CHEVY CHASE

ALLEY 1 - STA. 100+27 TO STA. 105+37



PROPOSED TYPICAL SECTION
CHEVY CHASE

ALLEY 2 - STA. 200+25 TO STA. 201+02



NOTE: EXISTING FENCES AND RETAINING WALLS SHALL EITHER REMAIN OR BE REPLACED AS DIRECTED BY THE ENGINEER.

PROPOSED TYPICAL SECTION
CHEVY CHASE

ALLEY 2 - STA. 201+27 TO STA. 201+65

ALLEY 3 - STA. 300+25 TO STA. 303+70

ALLEY 4 - STA. 400+25.5 TO STA. 401+15

NOT FOR CONSTRUCTION

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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012	SCALE: 1" = 5'	TS–01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

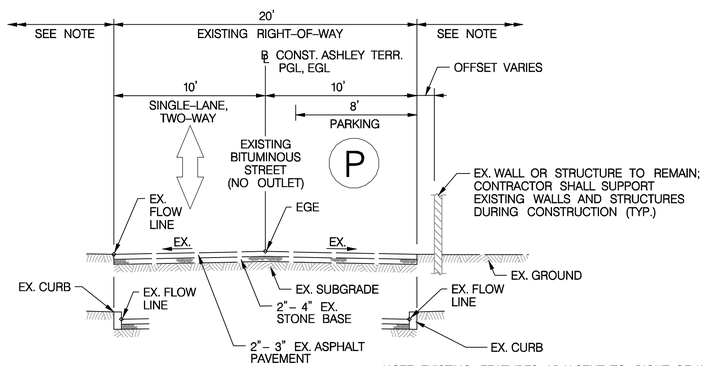
ROADWAY TYPICAL SECTIONS
CHEVY CHASE

DIVISION CHIEF
DATE ____
FILE ____

SHEET 016 OF 68

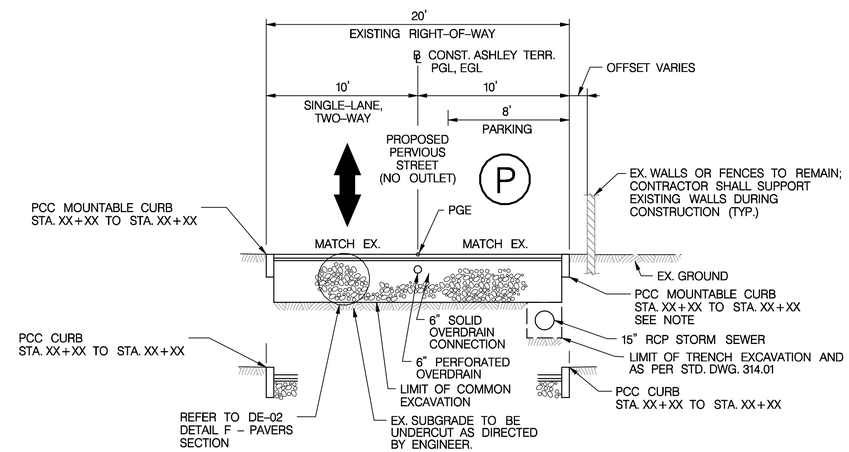
$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTE: EXISTING FEATURES ADJACENT TO RIGHT–OF–WAY INCLUDE DRIVEWAYS, FENCES, WALKWAYS, AND RETAINING WALLS. REFER TO EXISTING CONDITIONS PLAN FOR MORE INFORMATION.

EXISTING TYPICAL SECTION
ASHLEY TERRACE – STA. 1+50 TO STA. 3+65



NOTE: CONTRACTOR SHALL REMOVE AND RESET EX. GRANITE CURB FROM STA. XX+XX TO XX+XX, RT. IF CURB CANNOT BE SALVAGED, REPLACE WITH PCC CURB.

PROPOSED TYPICAL SECTION
ASHLEY TERRACE – STA. 1+50 TO STA. 3+65

NOT FOR CONSTRUCTION

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DATE 01–12–2012	SCALE: 1" = 5'	TS–02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

ROADWAY TYPICAL SECTIONS
ASHLEY TERRACE

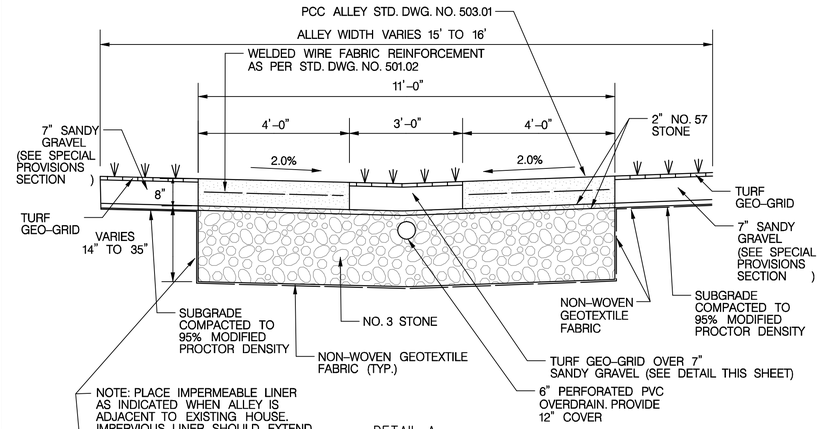
PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____

SHEET 017 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

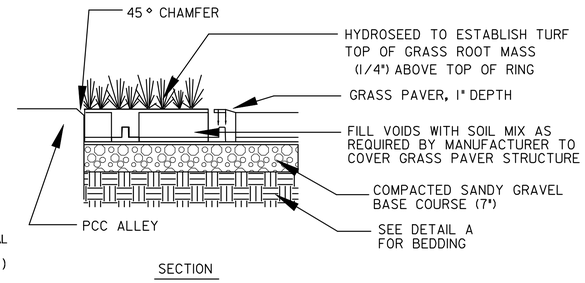


NOTE: PLACE IMPERMEABLE LINER AS INDICATED WHEN ALLEY IS ADJACENT TO EXISTING HOUSE. IMPERVIOUS LINER SHOULD EXTEND THE FULL LENGTH OF THE HOUSE & 10' ON EITHER SIDE OF THE HOUSE. FOR ALL OTHER LOCATIONS, UTILIZE NON-WOVEN GEOTEXTILE FABRIC.

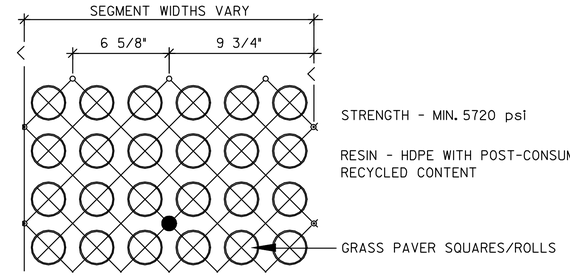
DETAIL A

CHEVY CHASE (ALLEYS 2, 3 &4)

PAVED STRIP BMP SECTION
SCALE: 1" = 2'



SECTION



PLAN

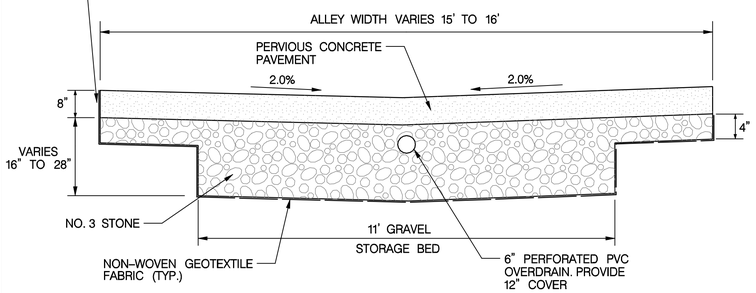
NOTE: USE INVISIBLE STRUCTURES GRASSPAVE2, DENARE TURFPAVE, OR EQUAL CONTRACTOR SHALL PROVIDE SPECIFICATIONS FOR SELECTED PRODUCT TO DC DEPARTMENT OF TRANSPORTATION

DETAIL E

TURF GEO-GRID
NTS

GEOTECHNICAL NOTES:

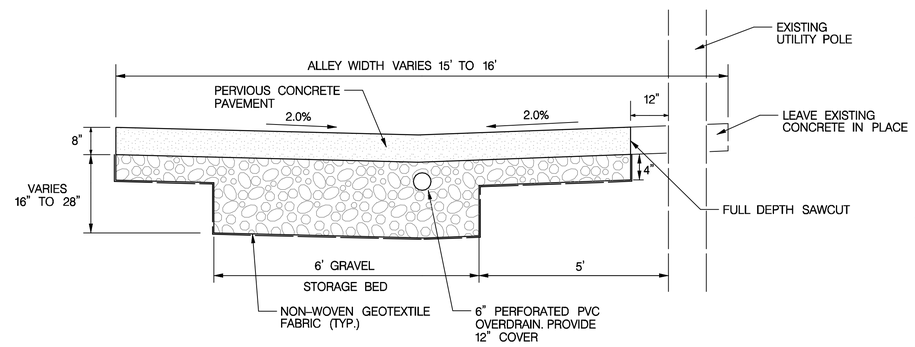
1. THE SUBGRADE SHALL BE BENCHED PRIOR TO PLACEMENT OF GRAVEL, (SEE PROFILE)
2. A GEOTEXTILE FABRIC FOR SEPARATION MEETING THE REQUIREMENTS OF DDOT STANDARD SPECIFICATIONS SHALL BE PLACED AT THE INTERFACE OF THE GRAVEL AND THE SUBGRADE.
3. A PERFORATED DRAINAGE PIPE NEAR THE TOP OF THE GRAVEL BASE AND SHOULD HAVE 1' MINIMUM COVER SHOULD BE INCORPORATED IN THE DESIGN. THE PIPE SHALL BE SURROUNDED BY AT LEAST THREE INCHES OF GRAVEL ON ALL SIDES.



DETAIL B

CHEVY CHASE (ALLEY 1)

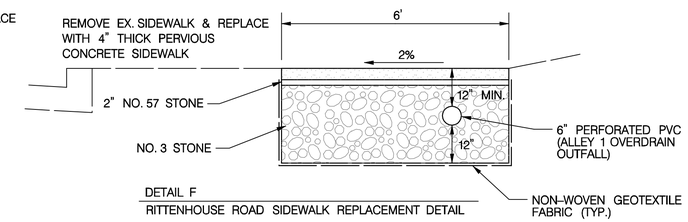
FULL WIDTH PERVIOUS PAVEMENT SECTION
SCALE: 1" = 2'



DETAIL D

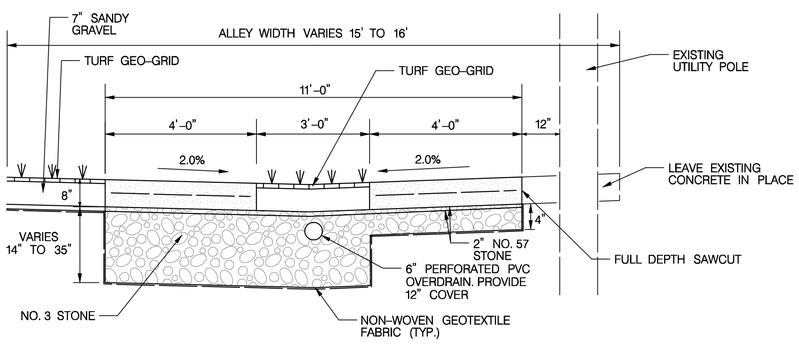
CHEVY CHASE (ALLEY 1)

PARTIAL WIDTH PERVIOUS PAVEMENT SECTION
ADJACENT TO EXISTING UTILITY POLE
SCALE: 1" = 2'



DETAIL F

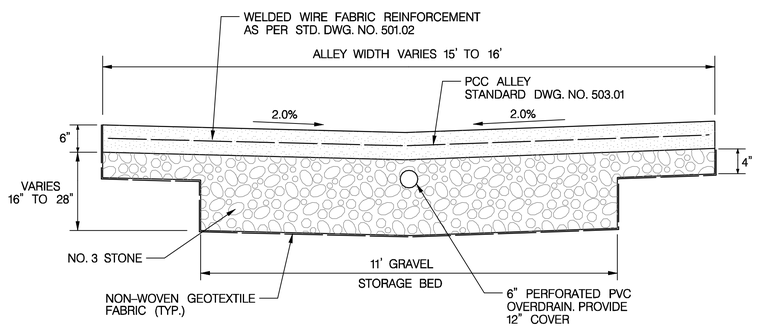
RITTENHOUSE ROAD SIDEWALK REPLACEMENT DETAIL



DETAIL C

CHEVY CHASE (ALLEYS 2, 3 & 4)

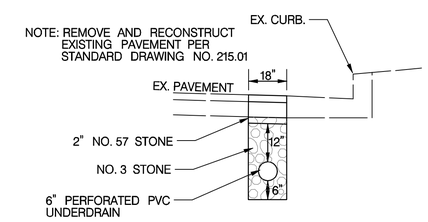
PAVED STRIP BMP SECTION
ADJACENT TO EXISTING UTILITY POLE
SCALE 1" = 2'



DETAIL H

CHEVY CHASE

FULL WIDTH PCC ALLEY
SCALE: 1" = 2'



DETAIL G

QUESADA STREET UNDERDRAIN OUTFALL DETAIL

NOT FOR CONSTRUCTION

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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: AS SHOWN	DE-01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG.
DESIGNED BY
CHECKED BY
DRAWN BY
PROJECT MGR.

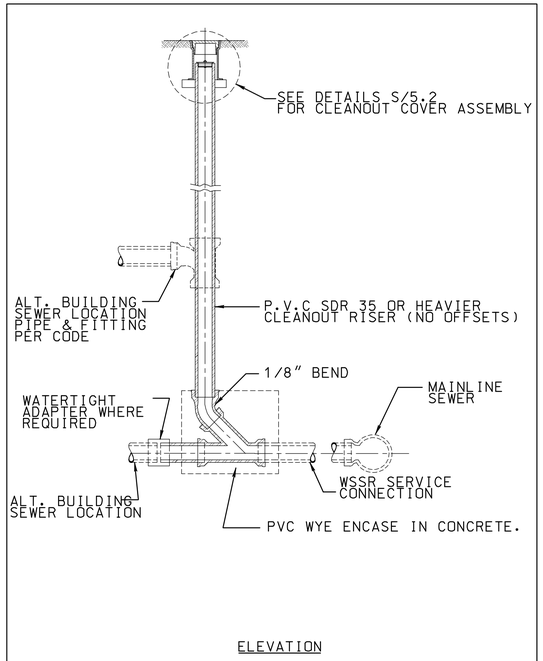
PAVEMENT DETAILS
CHEVY CHASE

DIVISION CHIEF
DATE
FILE

SHEET 018 OF 68

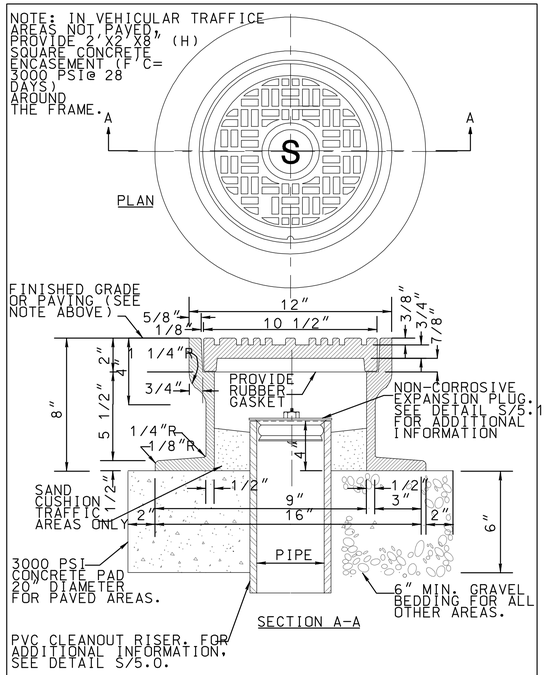
$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



ELEVATION

WASHINGTON SUBURBAN SANITARY COMMISSION	APPROVED: JULY 1, 2005	STANDARD DETAIL STANDARD CLEANOUT INSTALLATION	S 5.0



SECTION A-A

WASHINGTON SUBURBAN SANITARY COMMISSION	APPROVED: JULY 1, 2005	STANDARD DETAIL CLEANOUT (LAMPHOLE) COVER ASSEMBLY FOR CLEANOUTS 6" AND LARGER	S 5.2

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NO	DESCRIPTION	NAME	DATE

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DATE 01-12-2012	SCALE: AS SHOWN	DE-02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

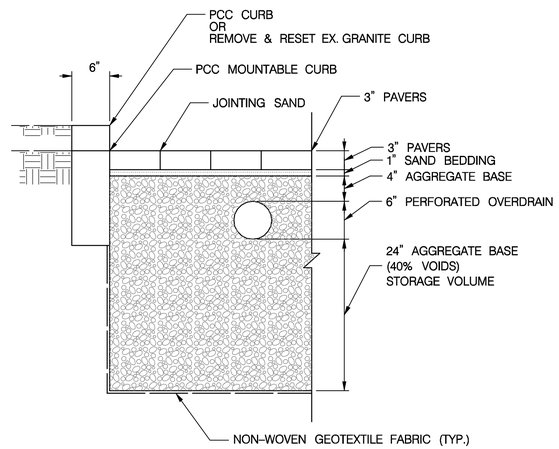
STORM SEWER DETAILS
CHEVY CHASE

DIVISION CHIEF
DATE _____
FILE _____

SHEET 018 OF 68

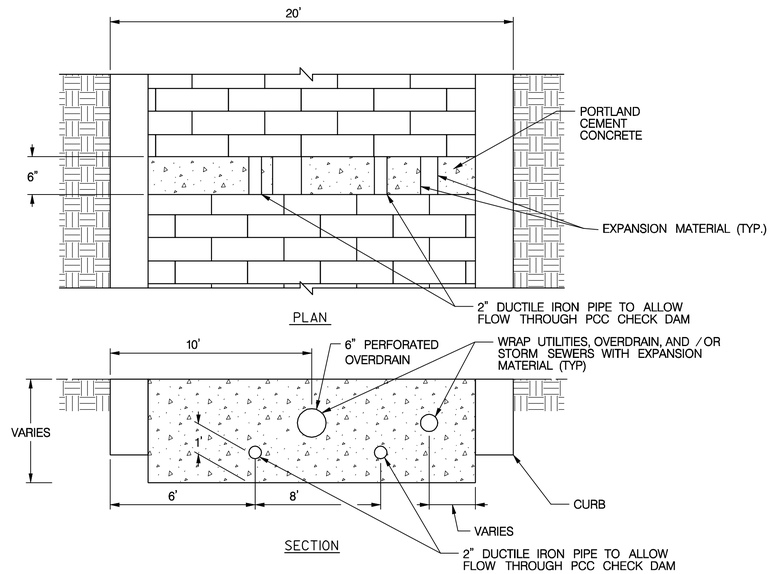
$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



DETAIL F
ASHLEY TERRACE

PAVERS SECTION
SCALE: 1" - 1'



DETAIL G
ASHLEY TERRACE

PCC CHECK DAM
NOT TO SCALE

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

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NO	DESCRIPTION	NAME	DATE

REVISIONS

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GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

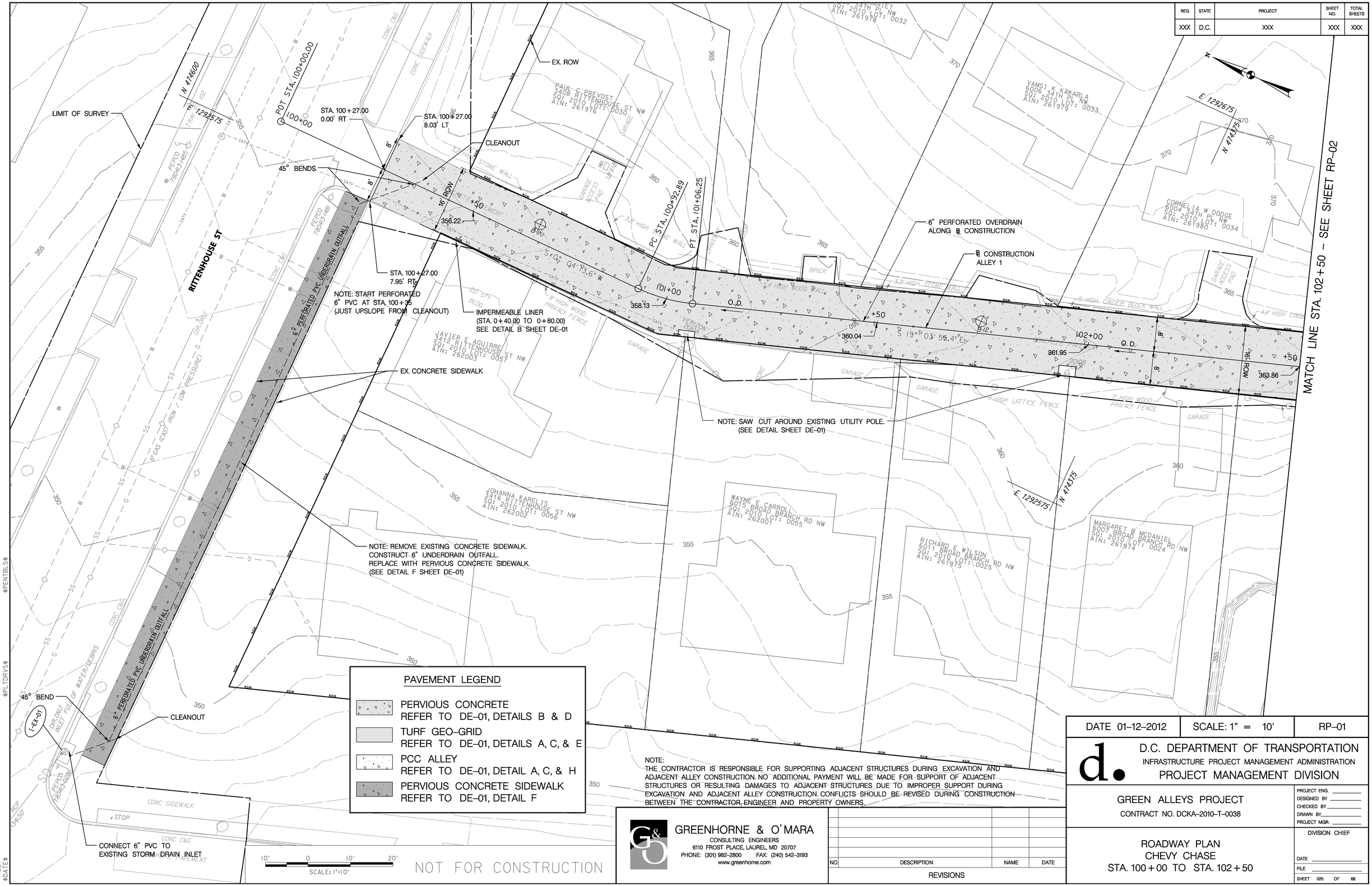
PAVEMENT DETAILS
ASHLEY TERRACE

DIVISION CHIEF
DATE _____
FILE _____

SHEET 019 OF 68

$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING ADJACENT STRUCTURES DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUPPORT OF ADJACENT STRUCTURES OR RESULTING DAMAGES TO ADJACENT STRUCTURES DUE TO IMPROPER SUPPORT DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION. CONFLICTS SHOULD BE REVISED DURING CONSTRUCTION BETWEEN THE CONTRACTOR, ENGINEER AND PROPERTY OWNERS.

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D.C. DEPARTMENT OF TRANSPORTATION
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GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

ROADWAY PLAN
CHEVY CHASE
STA. 100+00 TO STA. 102+50

DIVISION CHIEF
DATE _____
FILE _____

SHEET 020 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

NOTE:
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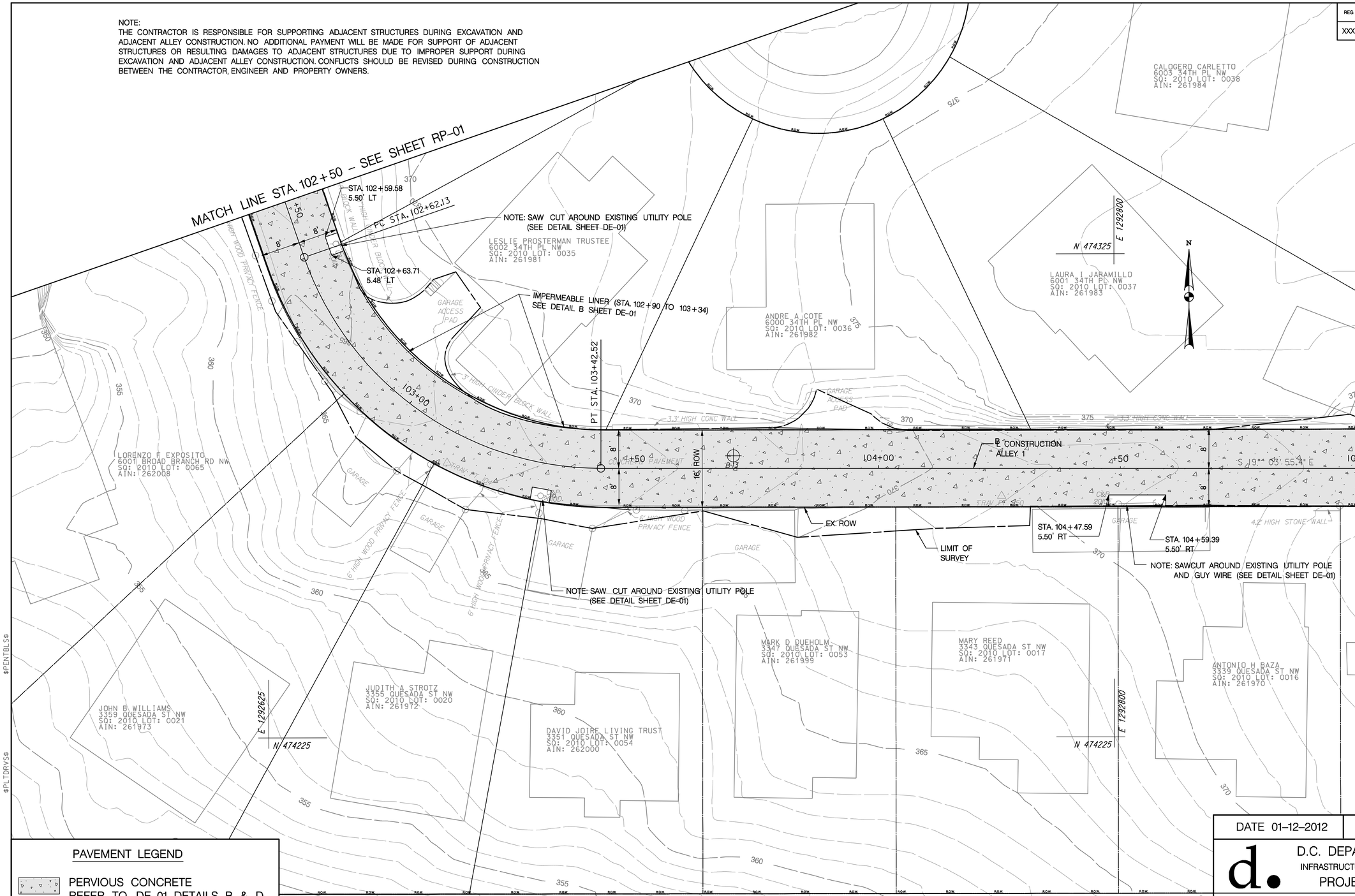

PAVEMENT LEGEND

- PERVIOUS CONCRETE
  REFER TO DE–01, DETAILS B & D
- TURF GEO–GRID
  REFER TO DE–01, DETAILS A, C, & E
- PCC ALLEY
  REFER TO DE–01, DETAIL A, C, & H
- PERVIOUS CONCRETE SIDEWALK
  REFER TO DE–01, DETAIL F

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

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D.C. DEPARTMENT OF TRANSPORTATION
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PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

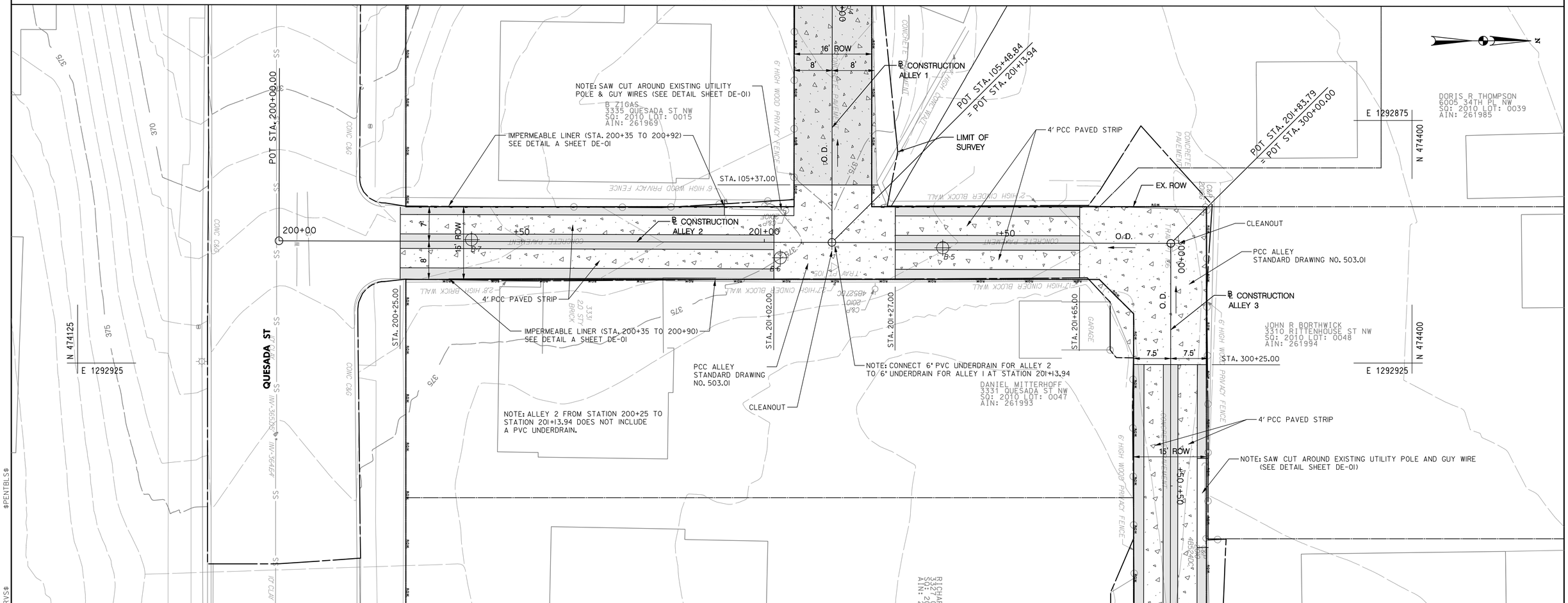
ROADWAY PLAN
CHEVY CHASE
STA. 102+50 TO STA. 105+00

DIVISION CHIEF
DATE ____
FILE ____
SHEET 021 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

MATCH LINE STA. 105+00 – SEE SHEET RP–02



MATCH LINE STA. 300+75 – SEE SHEET RP–04

PAVEMENT LEGEND

- PERVIOUS CONCRETE
  REFER TO DE–01, DETAILS B & D
- TURF GEO–GRID
  REFER TO DE–01, DETAILS A, C, & E
- PCC ALLEY
  REFER TO DE–01, DETAIL A, C, & H
- PERVIOUS CONCRETE SIDEWALK
  REFER TO DE–01, DETAIL F

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

NOTE:
THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING ADJACENT STRUCTURES DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUPPORT OF ADJACENT STRUCTURES OR RESULTING DAMAGES TO ADJACENT STRUCTURES DUE TO IMPROPER SUPPORT DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION. CONFLICTS SHOULD BE REVISED DURING CONSTRUCTION BETWEEN THE CONTRACTOR, ENGINEER AND PROPERTY OWNERS.

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www.greenhorne.com

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012	SCALE: 1" = 10'	RP–03

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

ROADWAY PLAN
CHEVY CHASE
STA. 200+00 TO STA. 201+84

DIVISION CHIEF
DATE ____
FILE ____

SHEET 022 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

NOTE:
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MATCH LINE STA. 300+75 – SEE SHEET RP–03

MATCH LINE STA. 303+75 – SEE SHEET RP–05

N 474425
E 1293000

C T POVICH
3308 RITTENHOUSE ST NW
SQ: 2010 LOT: 0063
AIN: 262005

C T POVICH
3306 RITTENHOUSE ST NW
SQ: 2010 LOT: 0058
AIN: 262004

DANIEL K ALADJEM
3304 RITTENHOUSE ST NW
SQ: 2010 LOT: 0808
AIN: 262006

POOL

NOTE: SAWCUT AROUND EXISTING UTILITY POLE (SEE DETAIL SHEET DE–01)

HIGH POINT OF FLOWLINE STA. 300+97 ELEV. 378.09'

4' PCC PAVED STRIPS

7' HIGH WOOD LATTICE FENCE

6' HIGH WOOD PRIVACY FENCE

EX. ROW

℄ CONSTRUCTION ALLEY 3

301+00 +50 302+00 +50 303+00 +50

O. D.

CONCRETE PAVEMENT

7.5' 7.5' 15' ROW

B.16

STA. 303+70.00

6' HIGH

GARAGE

3.5' HIGH PICKET FENCE ON TOP OF WOOD WALL

6' HIGH STONE WALL

LIMIT OF SURVEY

PLACE CLEANOUTS AT UPSTREAM END OF EACH UNDERDRAIN. (STATION 300+92 AND 301+02)

B DUSEN
3323 QUESADA ST NW
SQ: 2010 LOT: 0045
AIN: 261991

KATHERINE J LINN
3319 QUESADA ST NW
SQ: 2010 LOT: 0044
AIN: 261990

CHRISTOPHER R SNOWBER
3315 QUESADA ST NW
SQ: 2010 LOT: 0043
AIN: 261989

JOHN A MYLER
3313 QUESADA ST NW
SQ: 2010 LOT: 0052
AIN: 261998

MONTGOMERY E ENGEL
3311 QUESADA ST NW
SQ: 2010 LOT: 0051
AIN: 261997

JOANNE M BARRETT
3309 QUESADA ST NW
SQ: 2010 LOT: 0050
AIN: 261996

REED M FAWELL
3307 QUESADA ST NW
SQ: 2010 LOT: 0049
AIN: 261995

D A BERG
QUESADA ST NW
0 LOT: 0046
61992

E 1293000
N 474300

E 1293225
N 474300

PAVEMENT LEGEND

- PERVIOUS CONCRETE — REFER TO DE–01, DETAILS B & D
- TURF GEO–GRID — REFER TO DE–01, DETAILS A, C, & E
- PCC ALLEY — REFER TO DE–01, DETAIL A, C, & H
- PERVIOUS CONCRETE SIDEWALK — REFER TO DE–01, DETAIL F

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012 | SCALE: 1" = 10' | RP–04

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

ROADWAY PLAN
CHEVY CHASE
STA. 300+50 TO STA. 303+50

DIVISION CHIEF
DATE ____
FILE ____

SHEET 023 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

MATCH LINE STA. 303+75 – SEE SHEET RP–04

IMPERMEABLE LINER (STA. 400+41 TO 401+09) SEE DETAIL A SHEET DE-01

NOTE: START PERFORATED 6" PVC AT STATION 400+34 (JUST UPSLOPE OF CLEANOUT)

3' GRASS STRIP W/ GEOGRID

℄ CONSTRUCTION ALLEY 3

℄ CONSTRUCTION ALLEY 4

EX. ROW

POT STA. 400+00.00

400+00

401+00

STA. 401+45.00

STA. 400+25.50

15' ROW

E 1293275

N 474200

E 1293350

N 474400

6" PERF. PVC UNDERDRAIN OUTFALL

CLEANOUT

4' PCC PAVED STRIP

45° BENDS

NOTE: SAWCUT AROUND EXISTING UTILITY POLE (SEE DETAIL SHEET DE-01)

NOTE: SAWCUT AROUND EXISTING UTILITY POLE (SEE DETAIL SHEET DE-01)

POT STA. 303+97.51 = POT STA. 401+83.49

LIMIT OF SURVEY

PCC ALLEY STANDARD DRAWING NO. 503.01

EX. CONCRETE SIDEWALK

6" PERFORATED PVC UNDERDRAIN OUTFALL

CONNECT 6" PVC TO EXISTING STORM DRAIN INLET

CLEANOUT

45° BEND

I-E-X-01

LIMIT OF SURVEY

QUESADA ST

NOTE: SAW CUT EXISTING PCC DRIVEWAY APRON IN ORDER TO CONSTRUCT UNDERDRAIN OUTFALL. REPAIR PCC DRIVEWAY APRON UPON COMPLETION.

NOTE: SAW CUT EXISTING ASPHALT PAVEMENT IN ORDER TO CONSTRUCT UNDERDRAIN OUTFALL. REPAIR ASPHALT UPON COMPLETION PER STANDARD DRAWING NO. 215.01.

K SIMONSON
3302 RITTENHOUSE ST NW
SQ: 2010 LOT: 0809
AIN: 262007

M FRANKS
3300 RITTENHOUSE ST NW
SQ: 2010 LOT: 0060
AIN: N/A

ANGUS PAUL
6006 33RD ST NW
SQ: 2010 LOT: 0012
AIN: 261966

JEFFREY H BRAINARD
6010 33RD ST NW
SQ: 2010 LOT: 0011
AIN: 261965

JOSHUA H. FEINBERG
3305 QUESADA ST NW
SQ: 2010 LOT: 0014
AIN: 261968

ELIZABETH A ORTLIEB TRUSTEE
6000 33RD ST NW
SQ: 2010 LOT: 0013
AIN: 249240

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10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

PAVEMENT LEGEND

- PERVIOUS CONCRETE — REFER TO DE–01, DETAILS B & D
- TURF GEO–GRID — REFER TO DE–01, DETAILS A, C, & E
- PCC ALLEY — REFER TO DE–01, DETAIL A, C, & H
- PERVIOUS CONCRETE SIDEWALK — REFER TO DE–01, DETAIL F

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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012 | SCALE: 1" = 10' | RP–05

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

ROADWAY PLAN
CHEVY CHASE
STA. 400+00 TO STA. 401+83

DIVISION CHIEF
DATE ____
FILE ____

SHEET 024 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

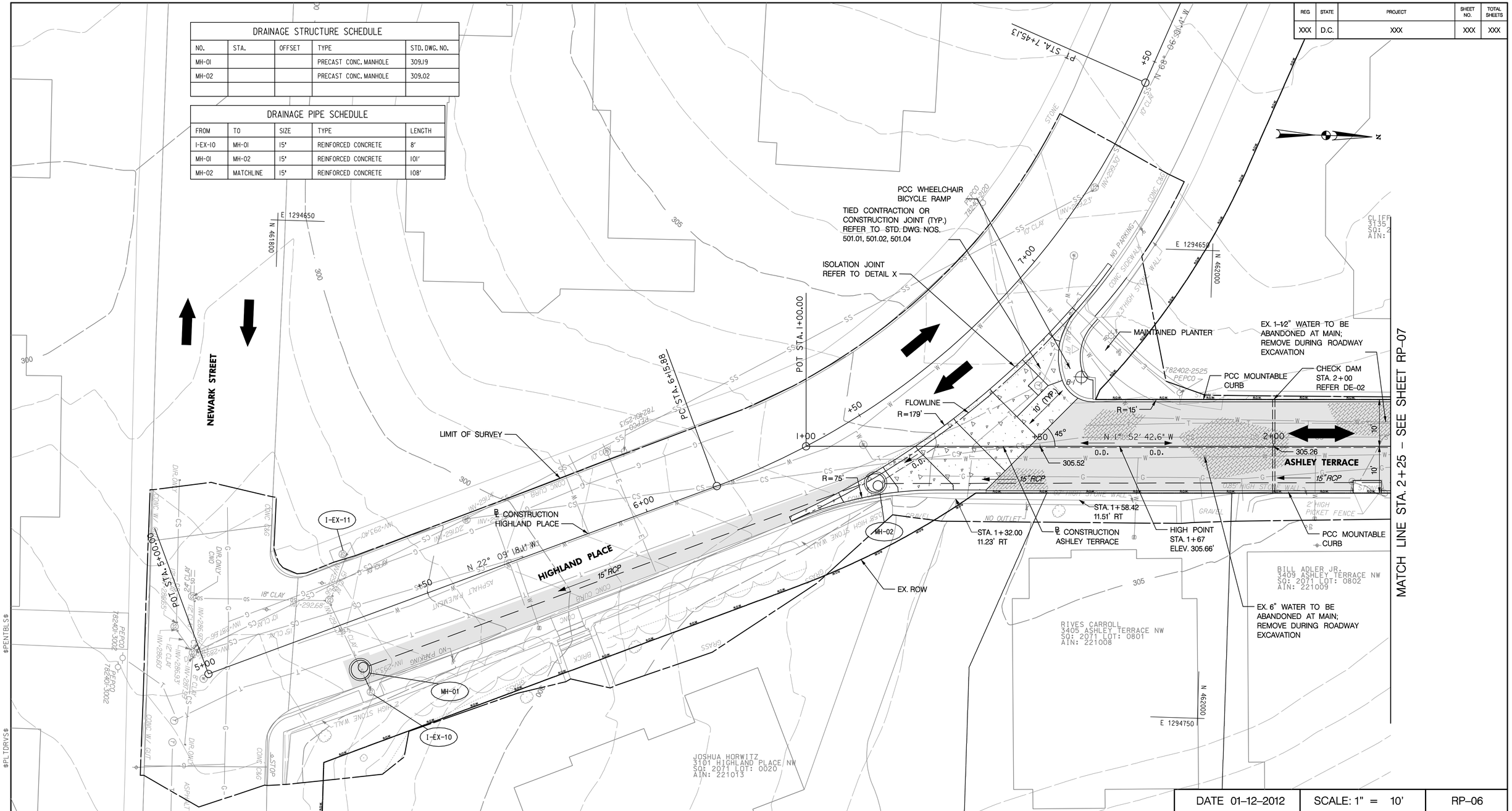
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

DRAINAGE STRUCTURE SCHEDULE

NO.	STA.	OFFSET	TYPE	STD. DWG. NO.
MH-01			PRECAST CONC. MANHOLE	309.19
MH-02			PRECAST CONC. MANHOLE	309.02

DRAINAGE PIPE SCHEDULE

FROM	TO	SIZE	TYPE	LENGTH
I-EX-10	MH-01	15"	REINFORCED CONCRETE	8'
MH-01	MH-02	15"	REINFORCED CONCRETE	101'
MH-02	MATCHLINE	15"	REINFORCED CONCRETE	108'



PAVEMENT LEGEND

- 4" CONCRETE SIDEWALK REFER TO DDOT STD. DWG. NO. 608.01 & 609.09
- PERVIOUS CONCRETE REFER TO DE-02
- BRICK PAVERS REFER TO DE-02, DETAIL F

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

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PHONE: (301) 982-2800 FAX: (240) 542-3193
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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: 1" = 10'	RP-06

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

ROADWAY PLAN
ASHLEY TERRACE
STA. 1+00 TO STA. 2+25

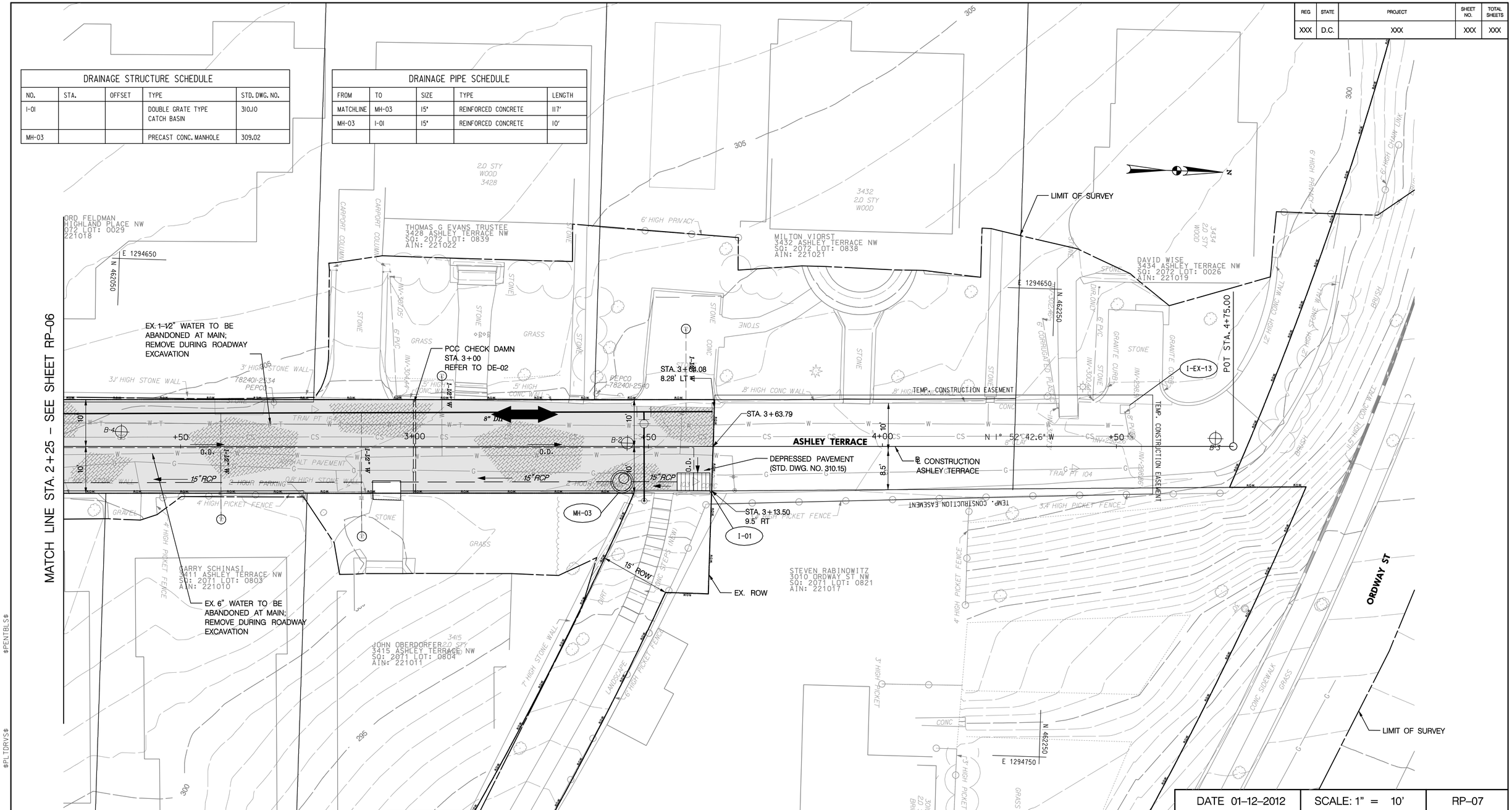
PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____
DIVISION CHIEF
DATE ____
FILE ____
SHEET 025 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

DRAINAGE STRUCTURE SCHEDULE				
NO.	STA.	OFFSET	TYPE	STD. DWG. NO.
I-01			DOUBLE GRATE TYPE CATCH BASIN	310.10
MH-03			PRECAST CONC. MANHOLE	309.02

DRAINAGE PIPE SCHEDULE				
FROM	TO	SIZE	TYPE	LENGTH
MATCHLINE	MH-03	15"	REINFORCED CONCRETE	117'
MH-03	I-01	15"	REINFORCED CONCRETE	10'



PAVEMENT LEGEND

- 4" CONCRETE SIDEWALK REFER TO DDOT STD. DWG. NO. 608.01 & 609.09
- PERVIOUS CONCRETE REFER TO DE-02
- BRICK PAVERS REFER TO DE-02, DETAIL F

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: 1" = 10'	RP-07

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

ROADWAY PLAN
ASHLEY TERRACE
STA. 2+25 TO STA. 4+75

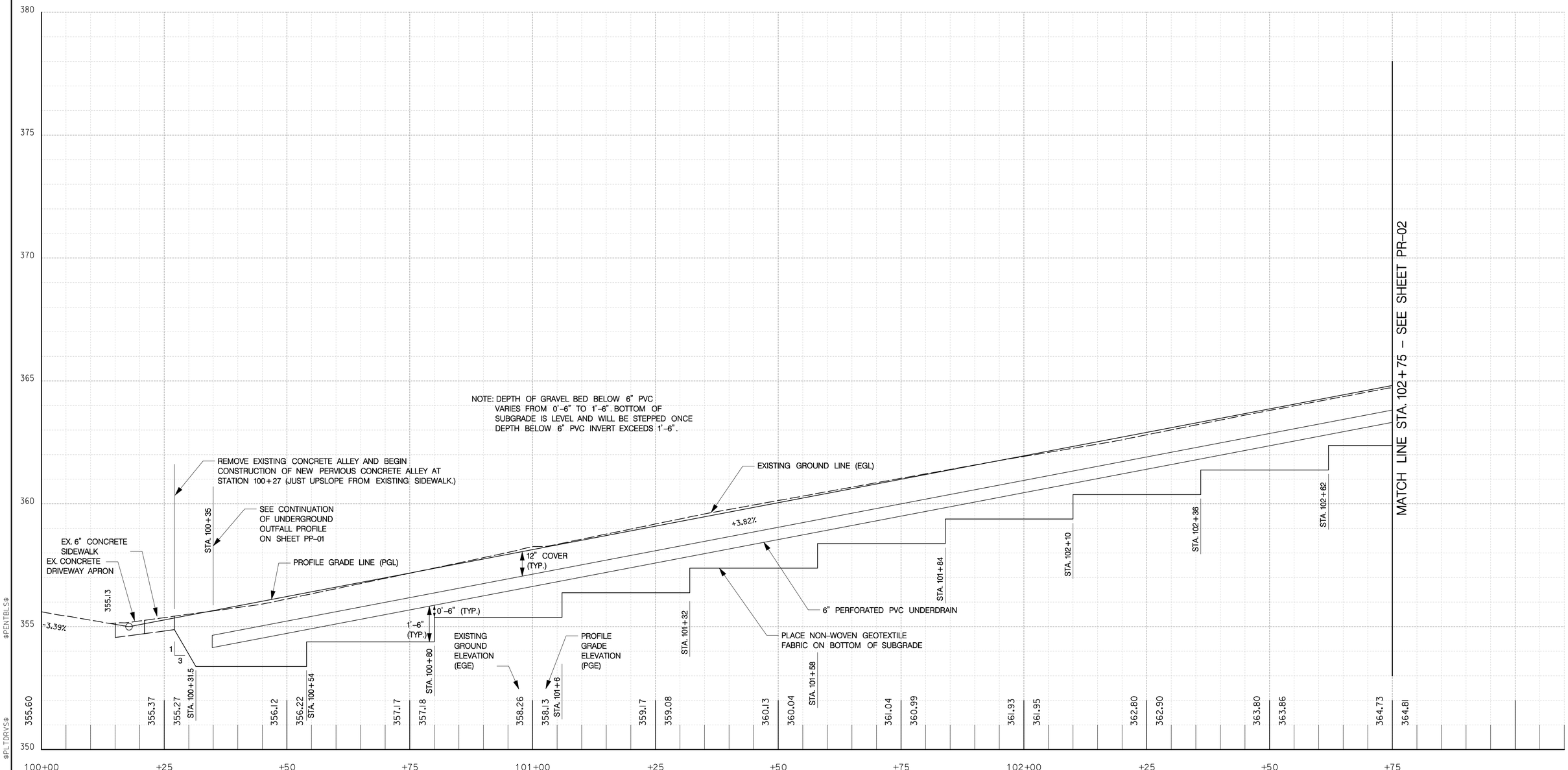
PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

DIVISION CHIEF
DATE ____
FILE ____

SHEET 026 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ALLEY 1 PROFILE

DATE 01-12-2012	SCALE: H: 1" = 10'; V: 1" = 2'	PR-01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

ROADWAY PROFILE
CHEVY CHASE
STA. 100+00 TO STA. 102+75

DIVISION CHIEF
DATE _____
FILE _____

SHEET 027 OF 45

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

NOT FOR CONSTRUCTION

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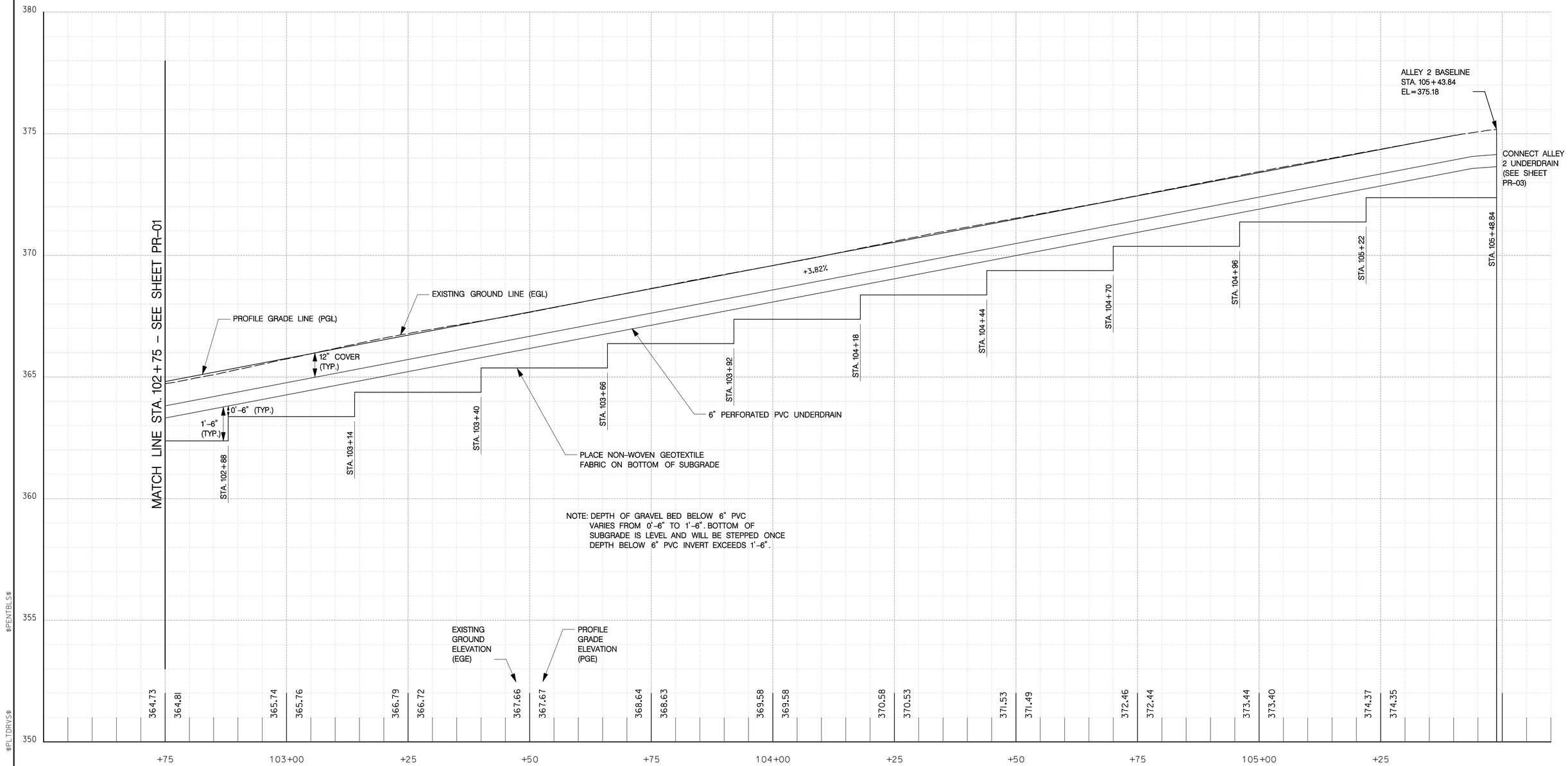
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ALLEY 1 PROFILE

DATE 01–12–2012	SCALE: H: 1"=10'; V: 1"=2'	PR–02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

ROADWAY PROFILE
CHEVY CHASE
STA. 102+75 TO STA. 105+48.84

DIVISION CHIEF
DATE _____
FILE _____

SHEET 028 OF 45

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

NOT FOR CONSTRUCTION

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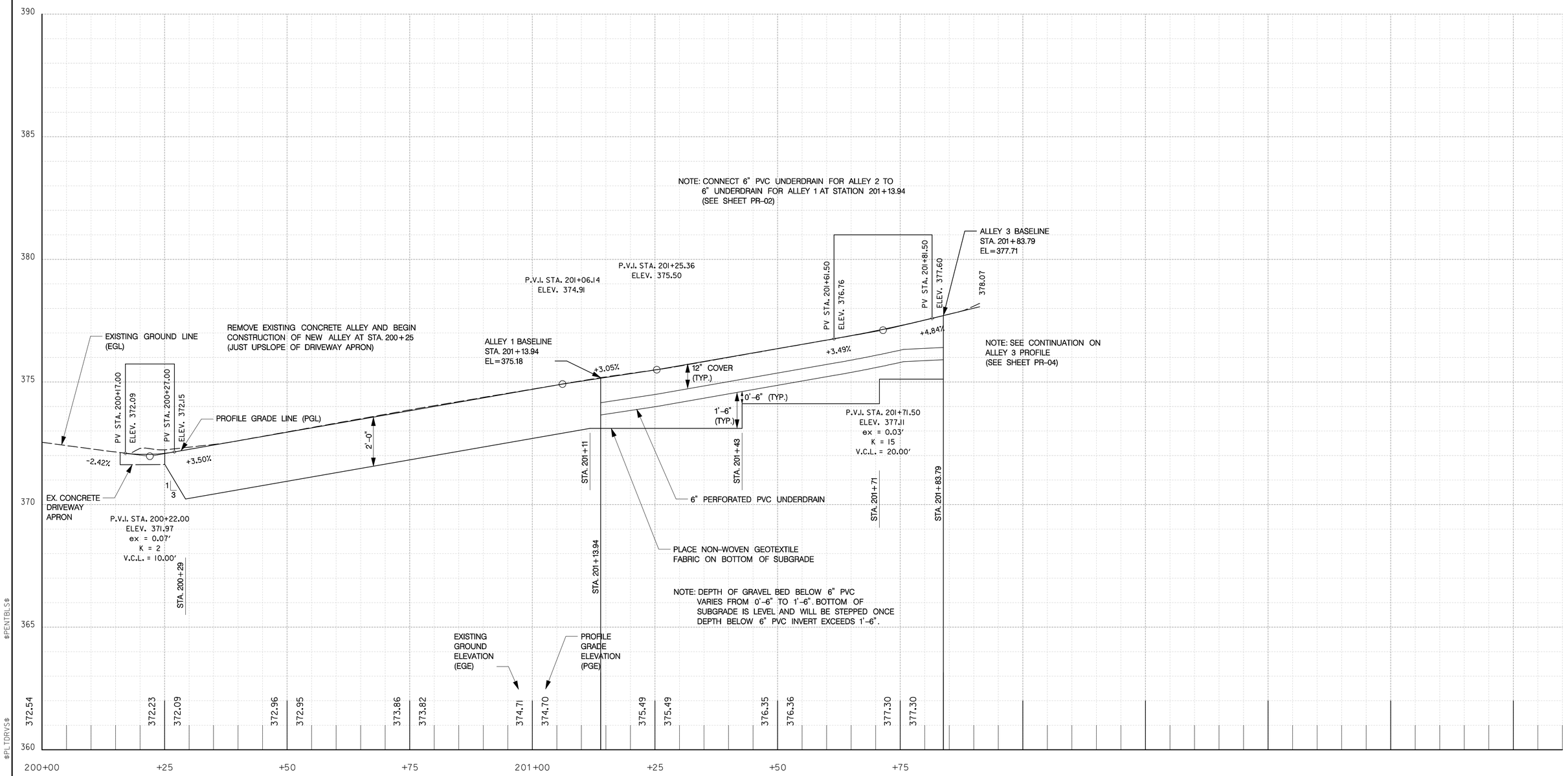
NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ALLEY 2 PROFILE

DATE 01-12-2012	SCALE: H: 1"=10'; V: 1"=2'	PR-03

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

ROADWAY PROFILE
CHEVY CHASE
STA. 200+00 TO STA. 201+91.21

DIVISION CHIEF
DATE ____
FILE ____
SHEET 029 OF 45

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NO	DESCRIPTION	NAME	DATE

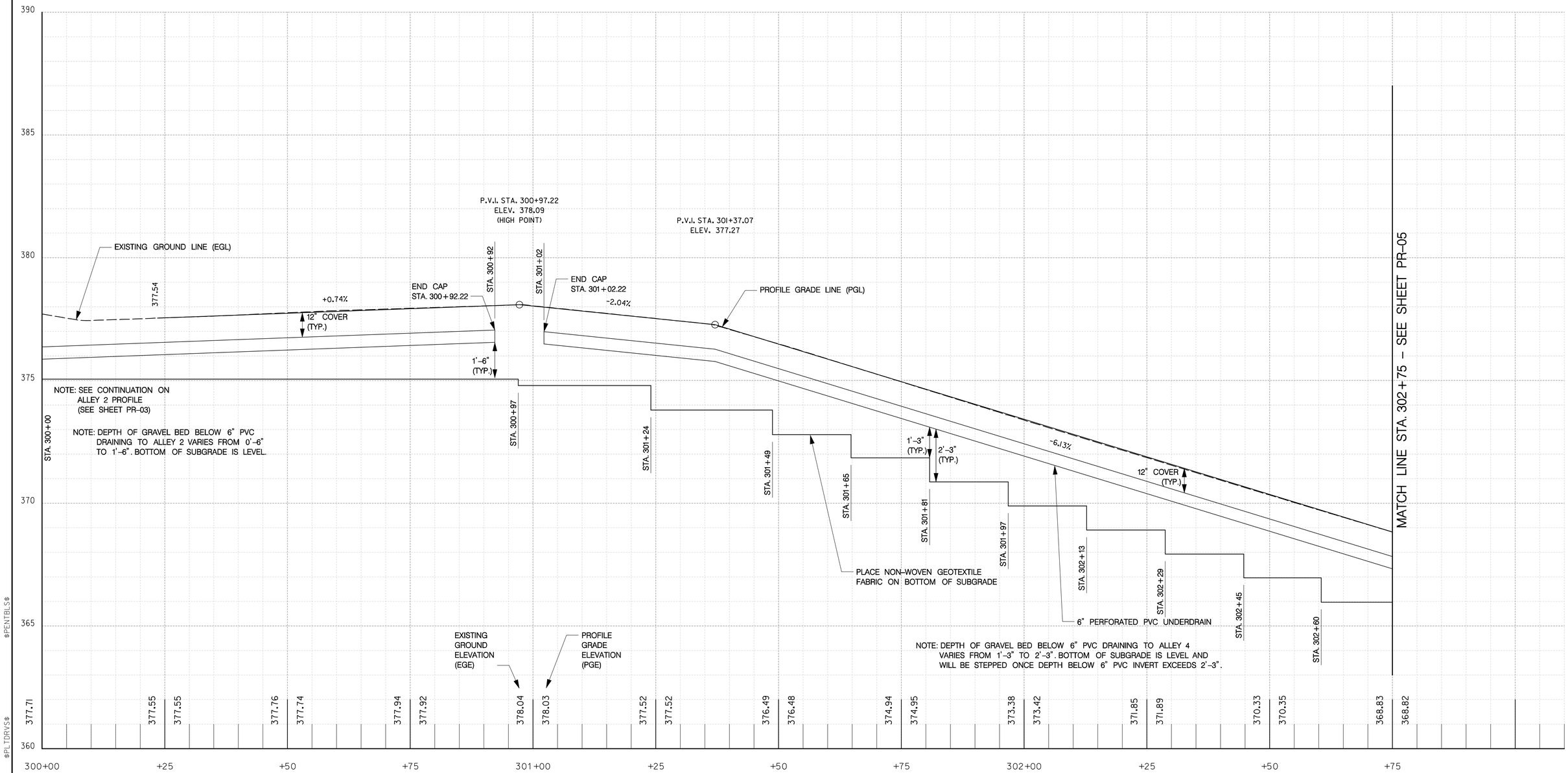
REVISIONS

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

NOT FOR CONSTRUCTION

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ALLEY 3 PROFILE

DATE 01-12-2012	SCALE: H: 1" = 10'; V: 1" = 2'	PR-04

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

ROADWAY PROFILE
CHEVY CHASE
STA. 300 + 00 TO STA. 302 + 75

DIVISION CHIEF
DATE _____
FILE _____
SHEET 030 OF 45

SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

NOT FOR CONSTRUCTION

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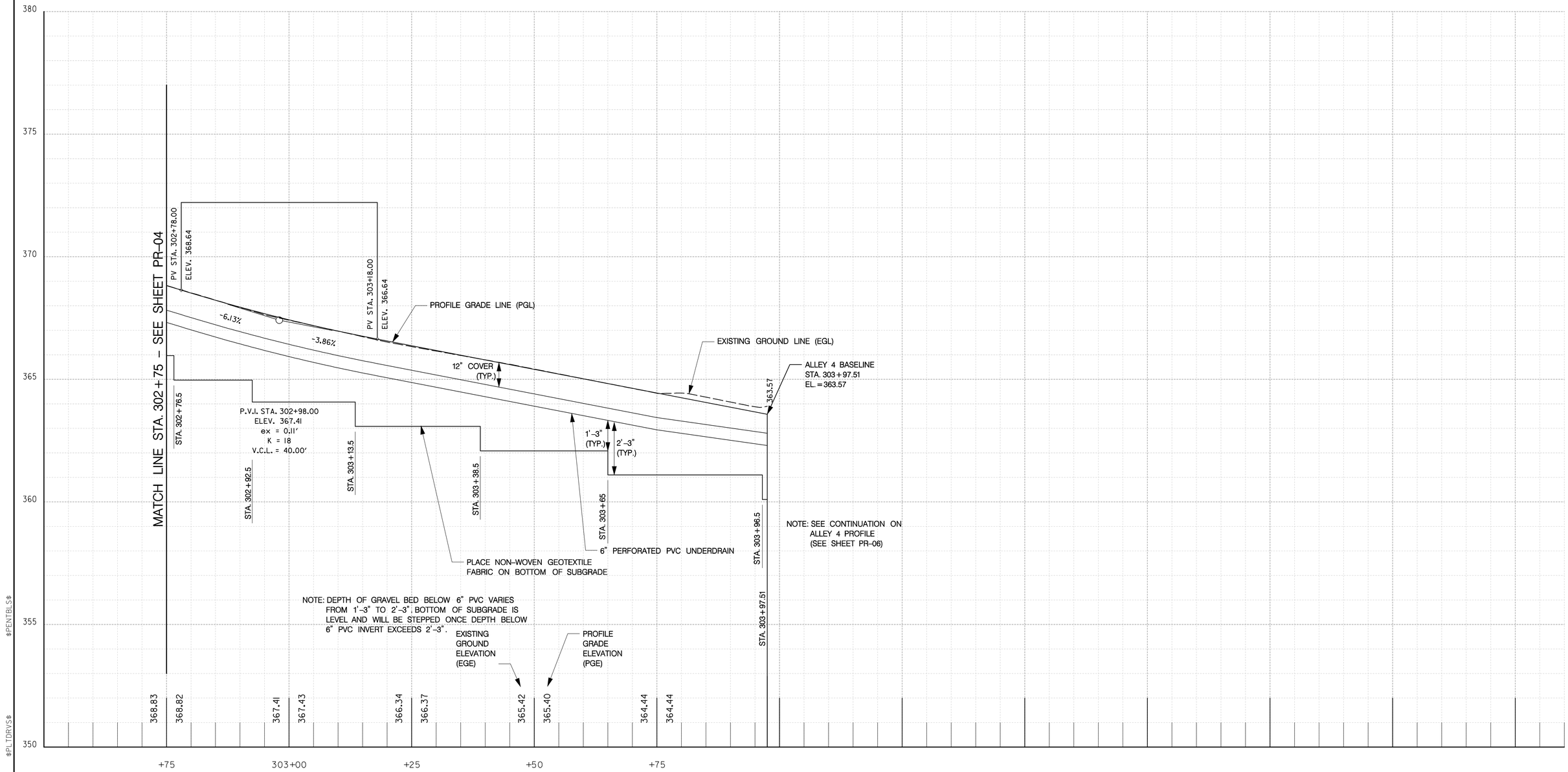
NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ALLEY 3 PROFILE

DATE 01-12-2012	SCALE: H: 1" = 10'; V: 1" = 2'	PR-05

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

ROADWAY PROFILE
CHEVY CHASE
STA. 302+75 TO STA. 303+97.51

DIVISION CHIEF
DATE ____
FILE ____

SHEET 031 OF 45

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

NOT FOR CONSTRUCTION

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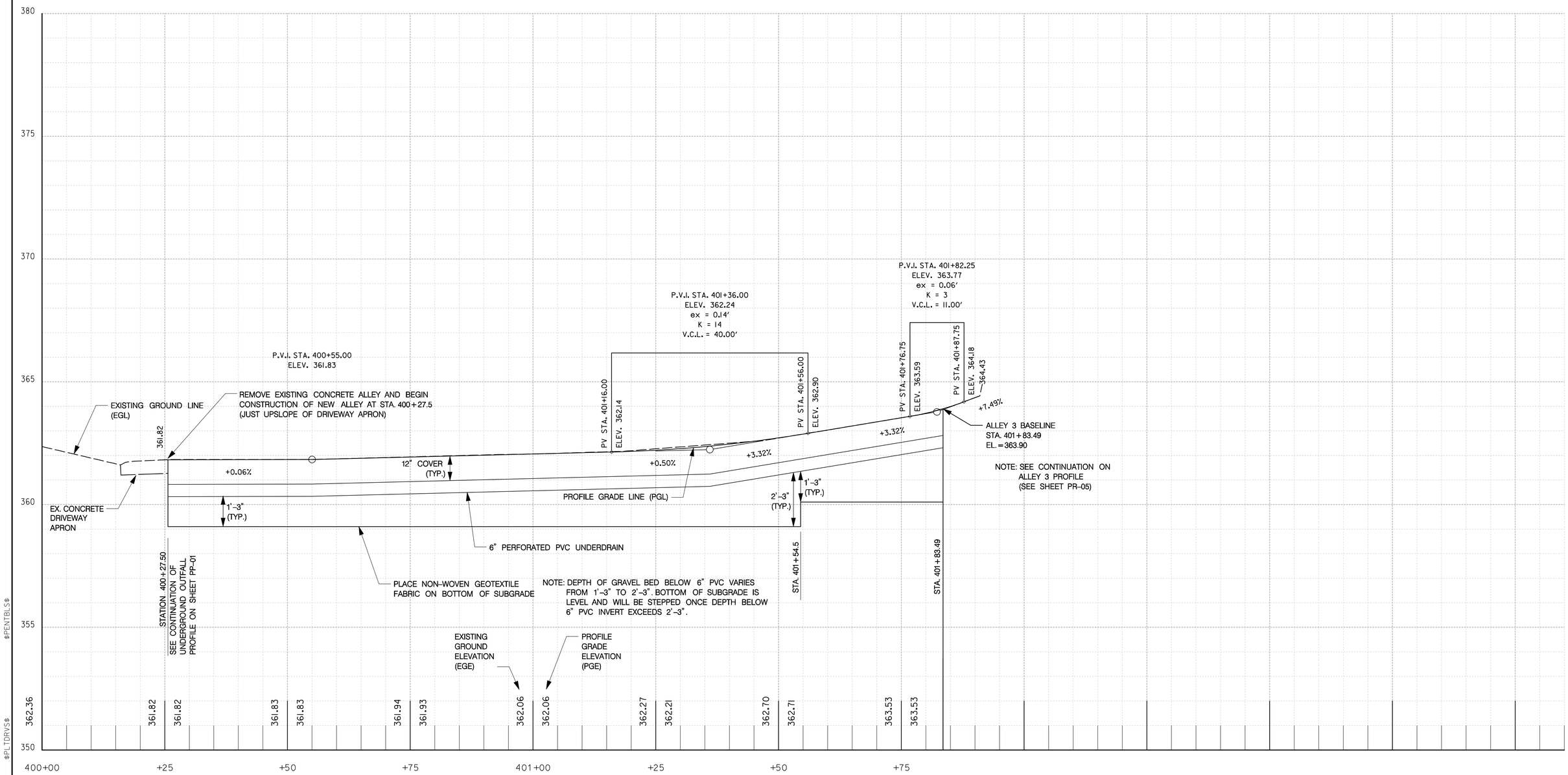
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ALLEY 4 PROFILE

DATE 01-12-2012	SCALE: H: 1"=10'; V: 1"=2'	PR-06

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

ROADWAY PROFILE
CHEVY CHASE
STA. 400+00 TO STA. 401+91.50

DIVISION CHIEF
DATE _____
FILE _____

SHEET 032 OF 45

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

NOT FOR CONSTRUCTION

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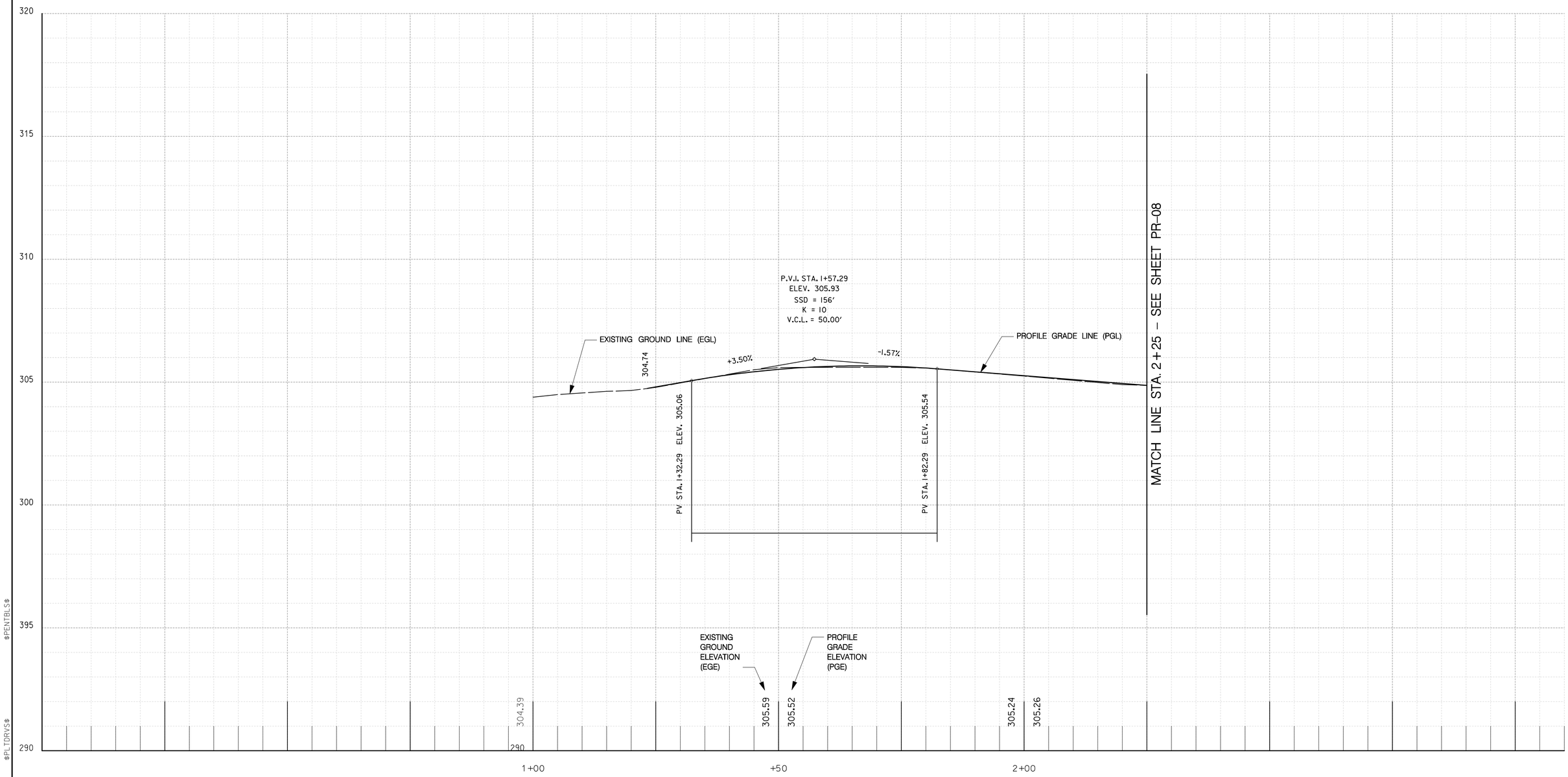
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ASHLEY TERRACE PROFILE

DATE 01–12–2012	SCALE: H: 1" = 10'; V: 1" = 2'	PR–07

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

ROADWAY PROFILE
ASHLEY TERRACE
STA. 1+00 TO STA. 2+25

DIVISION CHIEF
DATE _____
FILE _____

SHEET 033 OF 45

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

NOT FOR CONSTRUCTION

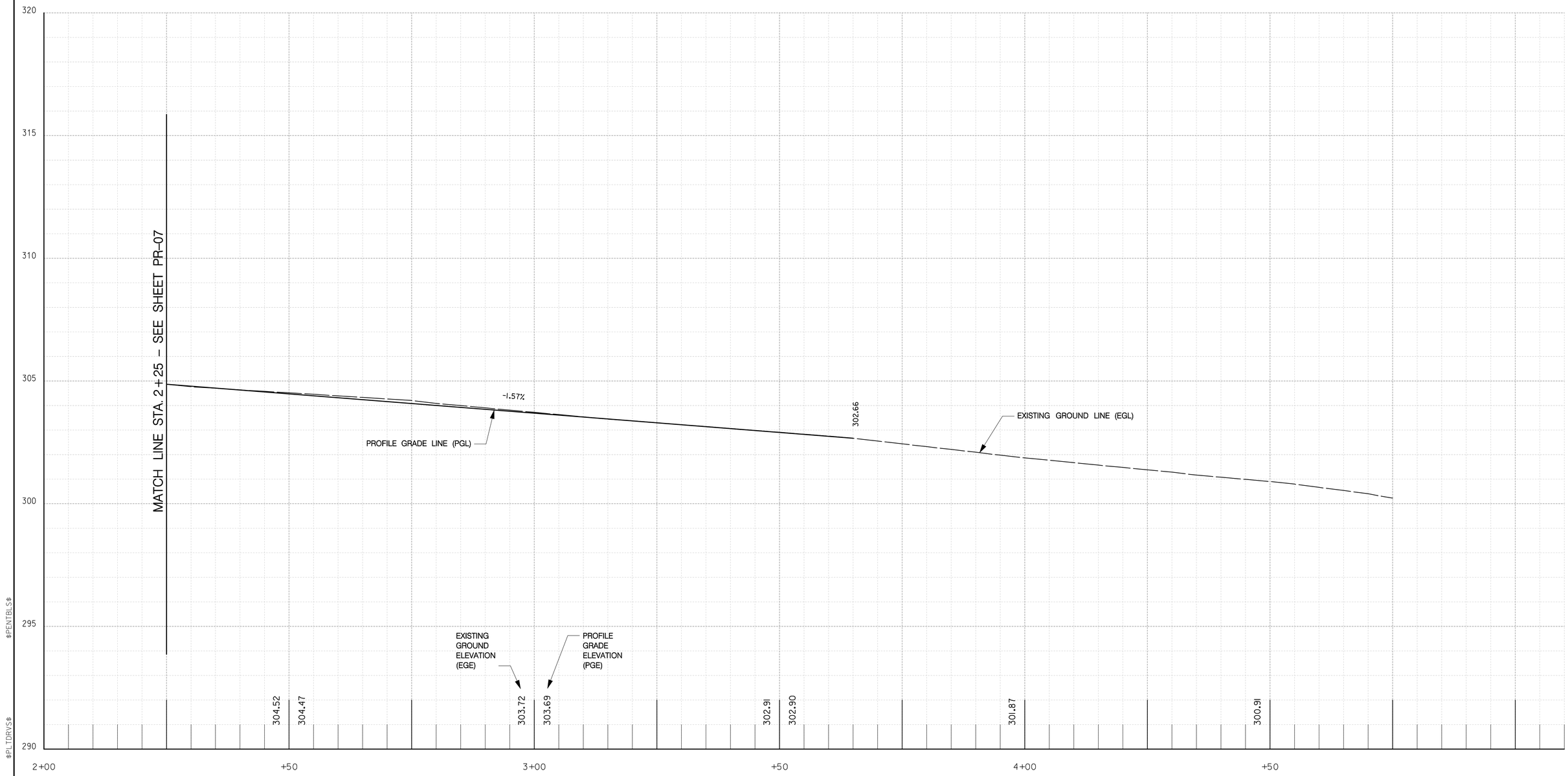
GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.G-and-O.com

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ASHLEY TERRACE PROFILE

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: H: 1"=10'; V: 1"=2'	PR-08

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

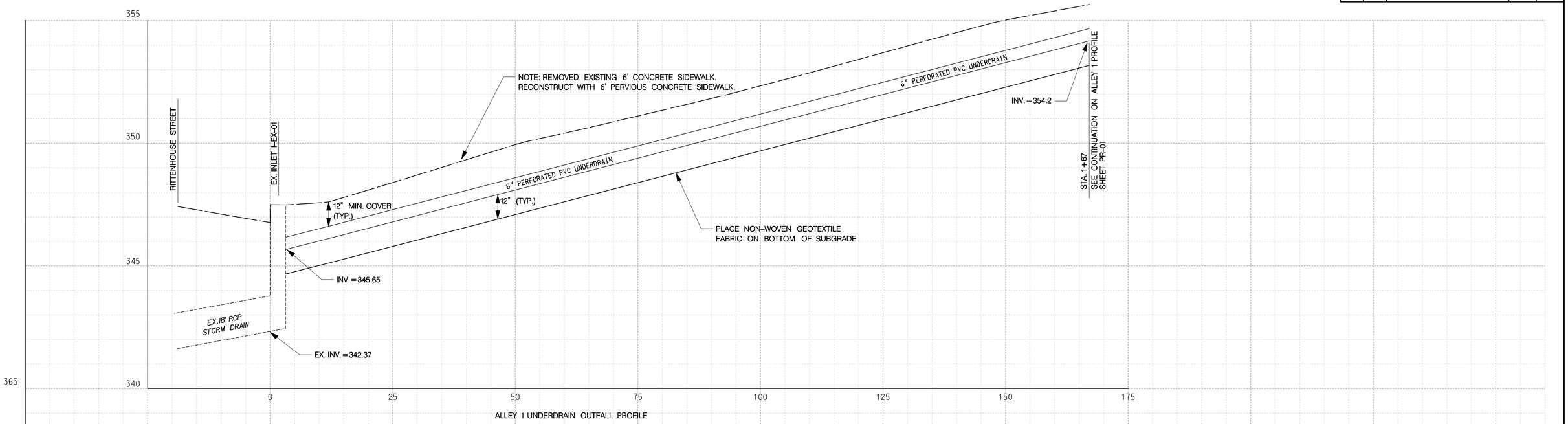
ROADWAY PROFILE
ASHLEY TERRACE
STA. 2+25 TO STA. 4+75

DIVISION CHIEF
DATE _____
FILE _____

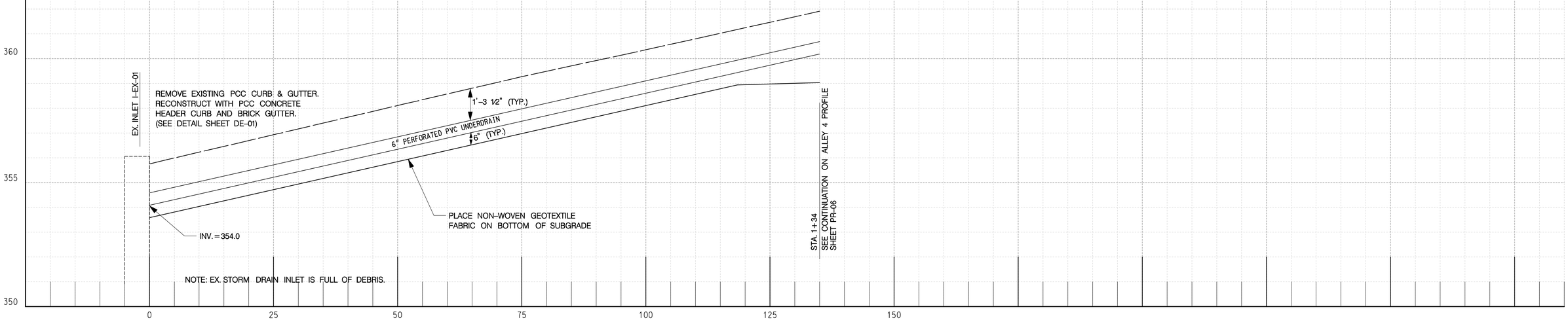
SHEET 034 OF 45

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	DUP – 0000 (000)		XXX



ALLEY 1 UNDERDRAIN OUTFALL PROFILE



ALLEY 4 UNDERDRAIN OUTFALL PROFILE

DATE 01–12–2012	SCALE: H: 1"=10'; V: 1"=2'	PP–01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

STORM SEWER PROFILE
CHEVY CHASE

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____

SHEET 035 OF 45

10' 0 10' 20'
SCALE: HORIZONTAL 1"=10', VERTICAL 1"=2'

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NO	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

EROSION & SEDIMENT CONTROL NOTES

1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER THE "DISTRICT OF COLUMBIA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL". IF AN ONSITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.
2. ALL DEBRIS TO BE REMOVED FROM THE SITE.
3. ALLEY AND/OR STREETS/SIDEWALK SHALL BE SWEPT CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
4. INSTALL CONSTRUCTION ENTRANCES WITHIN THE CONSTRUCTION ZONE WITH THE APPROVAL OF THE ENGINEER.
5. NO MATERIALS SHALL BE STOCKPILED OUTSIDE OF THE ACTIVE WORK ZONE. STOCKPILES WITHIN THE ACTIVE WORK ZONE SHALL BE STABILIZED AT ALL TIMES.
6. TREE PROTECTION SHALL BE INSTALLED PRIOR TO AND THROUGHOUT CONSTRUCTION AND REMOVED AT THE END OF THE PROJECT. SEE TREE PROTECTION NOTES ON THIS SHEET FOR MORE INFO.
7. ALL E & S MEASURES SHALL BE PROPERLY MAINTAINED AND INSPECTED AFTER EVERY STORM AND CLEANED IF FOUND CLOGGED.
8. ALL UTILITY TRENCHES SHALL BE STABILIZED AT THE END OF EACH WORK DAY.
9. EROSION & SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED WITH PAVEMENT OR AGRREGATE BASE.
10. EROSION & SEDIMENT CONTROL DEVICES SHALL ONLY BE REMOVED WITH THE APPROVAL OF THE ENGINEER.
11. CONTRACTOR SHALL PROTECT NEWLY INSTALLED PERVIOUS PAVEMENT FROM SEDIMENT AND DEBRI-LADEN RUN-OFF. REFER TO E & S DETAILS FOR PROTECTION METHOD.
12. CONTRACTOR SHALL NOT ALLOW WATER TO FILL PERVIOUS PAVEMENT SECTION RESERVOIR OR EXPOSED EXCAVATION UNTIL OVERDRAIN IS INSTALLED AND DRAINING TO AN EXISTING STORM SEWER SYSTEM.

    IF OVERDRAIN IS NOT CONNECTED AND DRAINING TO AN EXISTING STORM SEWER SYSTEM, CONTRACTOR SHALL USE REMOVABLE PUMPING STATION AT LOW-POINT(S) OF ROADWAY PROFILE TO:

    1) PREVENT STORMWATER FROM ACCUMULATING WITHIN THE NEW PAVEMENT SECTION OR EXPOSED EXCAVATION.

    2) CONVEY STORMWATER TO THE EXISTING STORM SEWER SYSTEM.

    PUMPING DEVICE SHALL BE AUTOMATICALLY TRIGGERED BY RISING WATER TABLE.

    REFER TO E & S DETAILS FOR INFORMATION ABOUT REMOVABLE PUMPING STATION. REFER TO E & S PLAN FOR RECOMMENDED LOCATIONS.

TREE PROTECTION NOTES

1. INSTALL TREE PROTECTION FENCING AROUND THE EXISTING STREET TREES DIRECTLY ADJACENT TO THE LIMITS OF DISTURBANCE.
2. FENCING SHALL BE INSTALLED PRIOR TO AND BE KEPT UP THROUGHOUT CONSTRUCTION, REMOVING ONLY AT THE END OF THE PROJECT.
3. TREE PROTECTION FENCING MUST BE CONSTRUCTED OF A RIGID MATERIAL; 2" X 4" FRAMING COVERED BY STAPLED ORANGE MESH CONSTRUCTION FENCE IS ACCEPTABLE. 6' HIGH CHAIN LINK OR PLYWOOD SIDING IS PREFERRED.
4. INSTALL FENCING TO THE DRIPLINE OF THE TREE. THE DRIP LINE IS DEFINED AS THE GROUND AREA UNDER THE CANOPY OF THE TREE.
5. NONE OF THE FOLLOWING SHALL OCCUR WITHIN THE FENCED PROTECTION AREA: ALTERATION OR DISTURBANCE TO EXISTING GRADE, STAGING/STORAGE OF CONSTRUCTION MATERIALS, EQUIPMENT, SOIL, OR DEBRIS; DISPOSAL OF ANY LIQUIDS E.G. CONCRETE, GAS, OIL, PAINT; AND BLACKTOP, AND TRENCHING.
6. NO HEAVY EQUIPMENT SHALL BE USED TO REMOVE EXISTING HARDSCAPE WITHIN THE DRIP LINE OF THE STREET TREE(S). EXCAVATIONS WITHIN THE DRIP LINE SHALL PROCEED WITH CARE BY USE OF HAND TOOLS TO AVOID INJURY TO TREE TRUNKS, BRANCHES, AND ROOTS.
7. NO ROOTS GREATER THAN TWO (2) INCHES IN DIAMETER SHALL BE CUT WITHOUT UFA PERMISSION.
8. EXPOSED ROOTS 2 INCHES AND LARGER IN DIAMETER SHALL BE WRAPPED IN BURLAP OR OTHER APPROVED MATERIAL AND KEPT MOIST AT ALL TIMES.
9. APPROVED TREE CARE ACTIVITIES TO INCLUDE ROOT PRUNING SHALL ONLY BE PERFORMED BY AN ISA CERTIFIED ARBORIST. PRUNING SHALL FOLLOW BLUE BOOK GUIDELINES 611.04 AND IN ADDITION TO THOSE GUIDELINES ALL PRUNING STANDARDS SHALL REFER TO ANSI A300 STANDARDS FOR TREE CARE OPERATIONS.
10. ALL TREES THAT ARE PROTECTED MUST BE WATERED EVERY 10 DAYS THROUGHOUT CONSTRUCTION FROM APRIL-SEPTEMBER.
11. IF FOR ANY REASON, THE SCOPE OF THE PROJECT REQUIRES WORK TO BE PERFORMED WITHIN THE FENCED TREE PROTECTION AREA CONTACT THE WARD 3 ARBORIST AT 202-671-2556 BEFORE PROCEEDING.

SITE INFORMATION

TOTAL AREA

SITE 1 / CHEVY CHASE = 125,017 SF = 2.87 ACRE

SITE 2 / ASHLEY TERRACE = 57,499 SF = 1.32 ACRE

TOTAL DISTURBED AREA

SITE 1 / CHEVY CHASE = 24,081 SF = 0.546 ACRE

SITE 2 / ASHLEY TERRACE = 12, 148 SF = 0.279 ACRE

TOTAL CUT / FILL

SITE 1 / CHEVY CHASE - CUT = 1,800 CY FILL = 0 CY

SITE 2 / ASHLEY TERRACE - CUT = 956 CY FILL = 0 CY

OFF-SITE WASTE/BORROW AREA LOCATION (IF KNOWN)

SITE 1 / CHEVY CHASE = UKNOWN

SITE 2 / ASHLEY TERRACE = UNKNOWN

SEDIMENT CONTROL APPROVAL

PLAN NUMBER _____

THE APPROVAL IS FOR GRADING AND SEDIMENT CONTROL ONLY. PERMITTEE/CONTRACTOR IS REQUIRED TO CONSTRUCT DESIGN FEATURES SHOWN HEREON. HE SHALL NOTIFY THE OFFICE AT THE NUMBER BELOW AT LEAST 24 HOURS BEFORE THE START OF GRADING ACTIVITY AND WITHIN TWO WEEKS AFTER COMPLETION OF THE PROJECT FOR FINAL INSPECTION.

DATE

FLOODING AND EROSION
CONTROL SECTION
TEL. NO. (202) 727-7047/7048

DESIGN CERTIFICATION

"I HEREBY CERTIFY THAT THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE '2003 DISTRICT OF COLUMBIA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL' AND 'DISTRICT DEPARTMENT OF THE ENVIRONMENT STORM-WATER GUIDEBOOK'."

PRINTED NAME
GREENHORNE & O'MARA, INC.
810 GLENEAGLES COURT, SUITE 300
BALTIMORE, MARYLAND 21286

SIGNATURE

DDOT P.E. REGISTRATION NO.

EXPIRATION DATE

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	NOT TO SCALE	ESN-01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

EROSION & SEDIMENT CONTROL NOTES

DIVISION CHIEF
DATE _____
FILE _____
SHEET OF 68

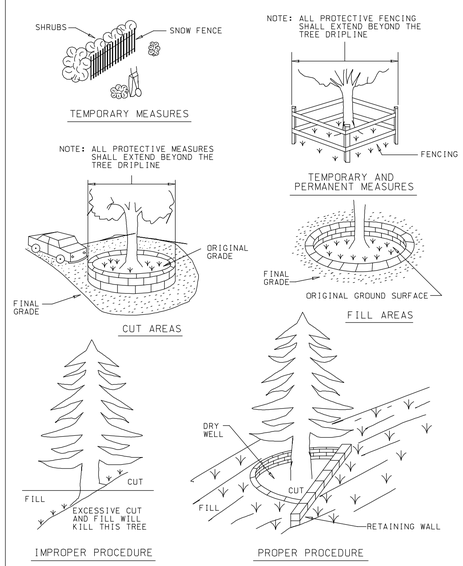
$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

LEGEND

LOD	LIMIT OF DISTURBANCE
AGIP	AT-GRADE INLET PROTECTION
CIP	CURB INLET PROTECTION
SF	SILT FENCE
SSF	SUPER SILT FENCE
TPF	TREE PROTECTION FENCE
DF	DIVERSION FENCE
	SAND BAGS
RPS	REMOVABLE PUMPING STATION W/ PUMP OUTLET HOSE
	PREVIOUS PHASE WORK AREA
	CURRENT PHASE WORK AREA

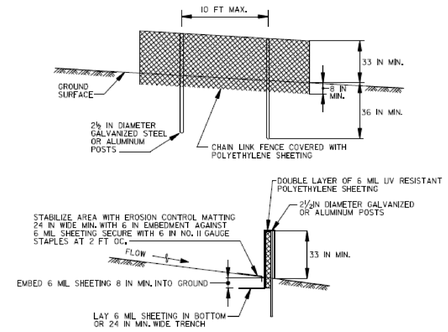
DETAIL 31 - TREE PROTECTION



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE G - 23 - 3	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

DETAIL C-8 DIVERSION FENCE

STANDARD SYMBOL — DF —

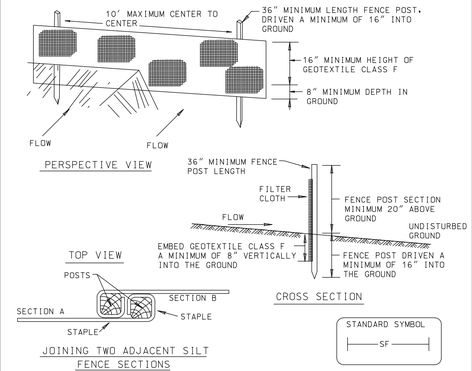


CONSTRUCTION SPECIFICATIONS

1. USE 42 INCHES HIGH, NINE GAUGE OR HEAVIER CHAIN LINK FENCING.
2. POST SPACING NOT TO EXCEED 10 FEET. THE POSTS DO NOT NEED TO BE SET IN CONCRETE.
3. FASTEN CHAN LINK FENCE SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACES, TRUSS RODS, DRIVE ANCHORS, AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE END POSTS.
4. SECURE A DOUBLE LAYER OF 6 MIL UV RESISTANT (BLACK) POLYETHYLENE SHEETING TO CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION.
5. EMBED 6 MIL SHEETING A MINIMUM OF 8 INCHES INTO GROUND.
6. WHEN TWO SECTIONS OF 6 MIL SHEETING ADJOIN EACH OTHER, OVERLAP BY 6 INCHES AND FOLD WITH SEAM FACING DOWNGRADE.
7. PERFORM MAINTENANCE AS NEEDED.
8. MAXIMUM SLOPE ALONG FENCE 10%.
9. MAXIMUM DRAINAGE AREA 2 ACRES.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

DETAIL 4 - SILT FENCE



Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 11/2" x 11/2" square (minimum) cut, or 13/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft²/ minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

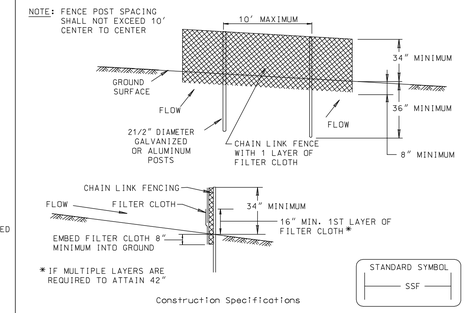
Silt Fence Design Criteria

Slope Steepness	(Maximum) Slope Length	(Maximum) Silt Fence Length
Flatter than 50:1	unlimited	unlimited
50:1 to 10:1	125 feet	1,000 feet
10:1 to 5:1	100 feet	750 feet
5:1 to 3:1	60 feet	500 feet
3:1 to 2:1	40 feet	250 feet
2:1 and steeper	20 feet	125 feet

Note: In areas of less than 2% slope and sandy soils (USDA general classification system, soil Class A) maximum slope length and silt fence length will be unlimited. In these areas a silt fence may be the only perimeter control required.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE B - 5 - 3	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

DETAIL 33 - SUPER SILT FENCE



Construction Specifications

1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42" fabric and 6' length posts.

2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.

3. Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.

4. Filter cloth shall be embedded a minimum of 8" into the ground.

5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.

6. Maintenance shall be performed as needed and silt buildups removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height

7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class F:

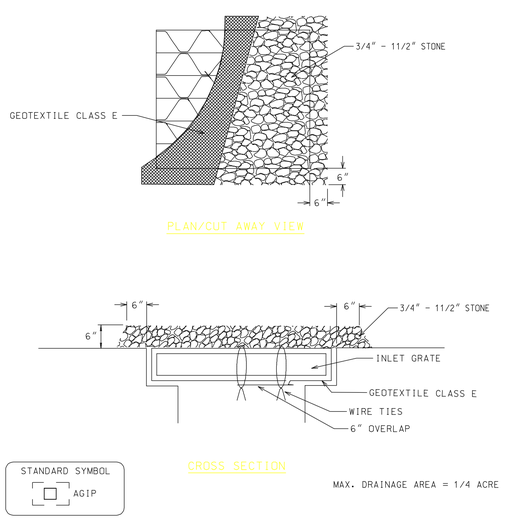
Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft²/minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

Design Criteria

Slope	Slope Steepness	Slope Length (maximum)	Silt Fence Length (maximum)
0 - 10%	0 - 10:1	Unlimited	Unlimited
10 - 20%	10:1 - 5:1	200 feet	1,500 feet
20 - 33%	5:1 - 3:1	100 feet	1,000 feet
33 - 50%	3:1 - 2:1	100 feet	500 feet
50% +	2:1 +	50 feet	250 feet

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE H - 26 - 3	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

DETAIL 23B - AT GRADE INLET PROTECTION



MAX. DRAINAGE AREA = 1/4 ACRE

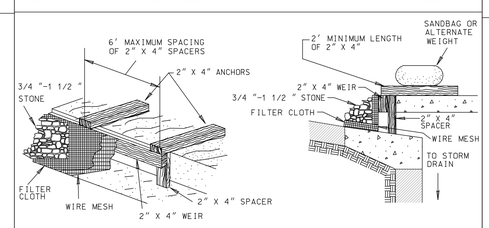
Construction Specifications

1. Lift grate and wrap with Geotextile Class E to completely cover all openings, then set grate back in place.

2. Place 3/4" to 11/2" stone, 4"-6" thick on the grate to secure the fabric and provide additional filtration.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE E - 16 - 5A	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

DETAIL 7C - CURB INLET PROTECTION (COG OR COS INLETS)



MAX. DRAINAGE AREA = 1/4 ACRE

STANDARD SYMBOL — CIP —

Construction Specifications

1. Attach a continuous piece of wire mesh (30" minimum width by throat length plus 4') to the 2" x 4" weir (measuring throat length plus 2') as shown on the standarddrawing.

2. Place a continuous piece of Geotextile Class E the same dimensions as the wire mesh over the wire mesh and securely attach it to the 2" x 4" weir.

3. Securely nail the 2" X 4" weir to a 9" long vertical spacer to be located between the weir and the inlet face (max. 4' apart).

4. Place the assembly against the inlet throat and nail (minimum 2' lengths of 2" x 4" to the top of the weir at spacer locations). These 2" x 4" anchors shall extend across the inlet top and be held in place by sandbags or alternate weight.

5. The assembly shall be placed so that the end spacers are a minimum 1' beyond both ends of the throat opening.

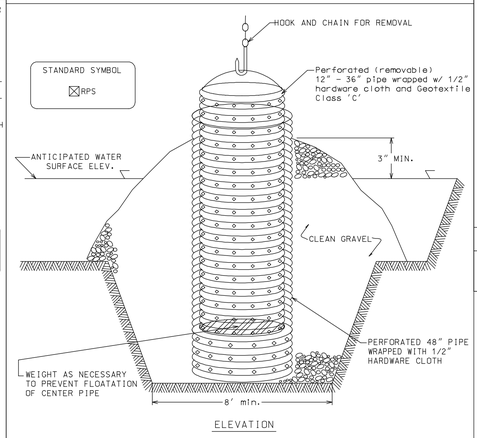
6. Form the 1/2 " x 1/2 " wire mesh and the geotextile fabric to the concrete gutter andagainst the face of the curb on both sides of the inlet. Place clean 3/4 " x 1 1/2 "stone over the wire mesh and geotextile in such a manner to prevent water fromentering the inlet under or around the geotextile.

7. This type of protection must be inspected frequently and the filter cloth and stone replaced when clogged with sediment.

8. Assure that storm flow does not bypass the inlet by installing a temporary earth or asphalt dike to direct the flow to the inlet.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE B - 8 - 6	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

DETAIL 20A - REMOVABLE PUMPING STATION



Construction Specifications

1. The outer pipe should be 48" dia. or small, in any case, be at least 4" greater in diameter than the center pipe. The outer pipe shall be wrapped with 1/2" hardware cloth to prevent backfill material from entering the perforations.

2. After installing the outer pipe, backfill around outer pipe with 2" aggregate or clean gravel.

3. The inside stand pipe (center pipe) should be constructed by perforating a corrugated or PVC pipe between 12" and 36" in diameter. The perforations shall be 1/2" X 6" slits or 1" diameter holes 6" on center. The center pipe shall be wrapped with 1/2" hardware cloth first, then wrapped again with Geotextile Class C.

4. The center pipe should extend 12" to 18" above the anticipated water surface elevation or riser crest elevation when dewatering a basin.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE G - 26 - 3	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

NOT FOR CONSTRUCTION

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CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	NOT TO SCALE	ESD-01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

EROSION & SEDIMENT CONTROL DETAILS

DIVISION CHIEF
DATE ____
FILE ____

SHEET 054 OF 68

$PENTBLS$
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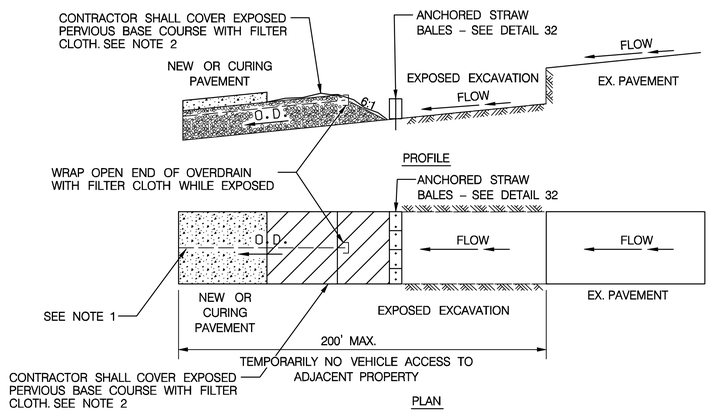
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTE:

1) IF OVERDRAIN IS NOT CONNECTED AND DRAINING TO AN EXISTING STORM DRAIN SYSTEM, CONTRACTOR SHALL USE REMOVABLE PUMPING STATION AT LOW-POINT(S) OF ROADWAY PROFILE TO:

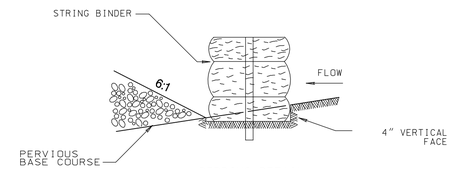
A) PREVENT STORMWATER FROM ACCUMULATING WITHIN THE NEW PAVEMENT SECTION OR EXPOSED EXCAVATION.

B) CONVEY STORMWATER TO THE EXISTING STORM SEWER SYSTEM.

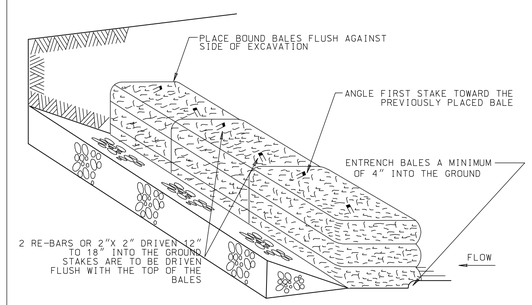
2) FILTER CLOTH SHALL BE SECURELY ANCHORED TO SURFACE OF PERVIOUS BASE COURSE SUCH THAT WIND OR STORMWATER RUN-OFF WILL NOT DISLODGE. FILTER CLOTH SHALL BE REMOVED PRIOR TO PLACEMENT OF NEW PAVEMENT.

DETAIL A – PROTECTION OF PERVIOUS PAVEMENT FROM SILT/DEBRIS
NOT TO SCALE

DETAIL B – ANCHORED STRAW BALES



BEDDING DETAIL



ANCHORING DETAIL

Construction Specifications

1. Bales shall be placed at the toe of a slope, on the contour, and in a row with the ends of each bale tightly abutting the adjacent bales.

2. Each bale shall be entrenched in the soil a minimum of 4" and placed so the bindings are horizontal.

3. Bales shall be securely anchored in place by either two stakes or re-bars driven through the bale 12" to 18" into the ground. The first stake in each bale shall be driven toward the previously laid bale at an angle to force the bales together. Stakes shall be driven flush with the top of the bale.

4. Straw bale dikes shall be inspected frequently and after each rain event and maintenance performed as necessary.

5. All bales shall be removed when the site has been stabilized. The trench where the bales were located shall be graded flush and stabilized.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE H - 25 - 2	WATER PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	NOT TO SCALE	ESD-02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

EROSION & SEDIMENT CONTROL DETAILS

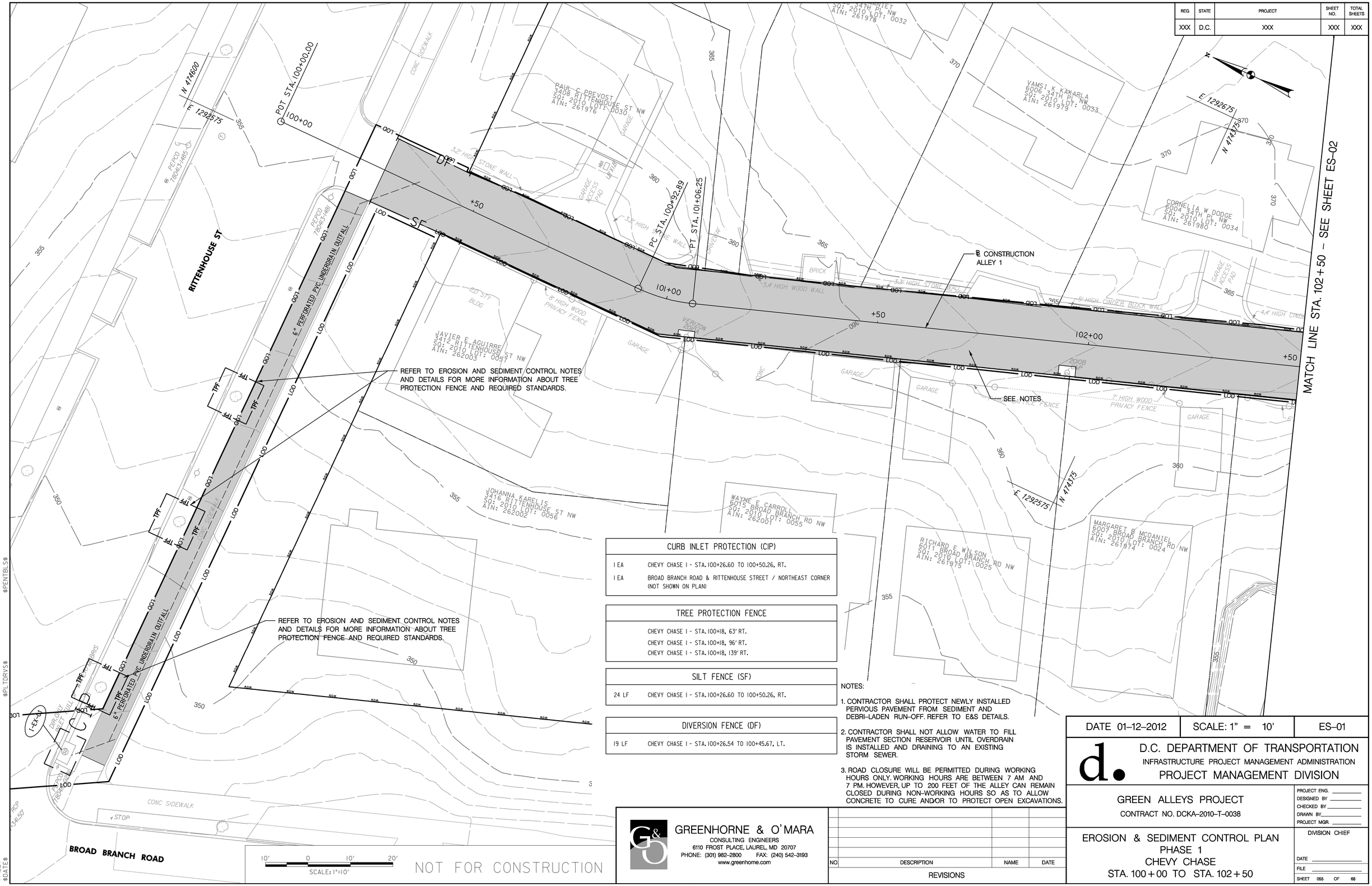
PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

DIVISION CHIEF
DATE ____
FILE ____

SHEET 054 OF 68

$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



CURB INLET PROTECTION (CIP)	
1 EA	CHEVY CHASE I - STA.100+26.60 TO 100+50.26, RT.
1 EA	BROAD BRANCH ROAD & RITTENHOUSE STREET / NORTHEAST CORNER (NOT SHOWN ON PLAN)

TREE PROTECTION FENCE	
	CHEVY CHASE I - STA.100+18, 63' RT.
	CHEVY CHASE I - STA.100+18, 96' RT.
	CHEVY CHASE I - STA.100+18, 139' RT.

SILT FENCE (SF)	
24 LF	CHEVY CHASE I - STA.100+26.60 TO 100+50.26, RT.

DIVERSION FENCE (DF)	
19 LF	CHEVY CHASE I - STA.100+26.54 TO 100+45.67, LT.

NOTES:

1. CONTRACTOR SHALL PROTECT NEWLY INSTALLED PERVIOUS PAVEMENT FROM SEDIMENT AND DEBRI-LADEN RUN-OFF. REFER TO E&S DETAILS.
2. CONTRACTOR SHALL NOT ALLOW WATER TO FILL PAVEMENT SECTION RESERVOIR UNTIL OVERDRAIN IS INSTALLED AND DRAINING TO AN EXISTING STORM SEWER.
3. ROAD CLOSURE WILL BE PERMITTED DURING WORKING HOURS ONLY. WORKING HOURS ARE BETWEEN 7 AM AND 7 PM. HOWEVER, UP TO 200 FEET OF THE ALLEY CAN REMAIN CLOSED DURING NON-WORKING HOURS SO AS TO ALLOW CONCRETE TO CURE AND/OR TO PROTECT OPEN EXCAVATIONS.

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: 1" = 10'	ES-01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

EROSION & SEDIMENT CONTROL PLAN
PHASE 1
CHEVY CHASE
STA. 100+00 TO STA. 102+50

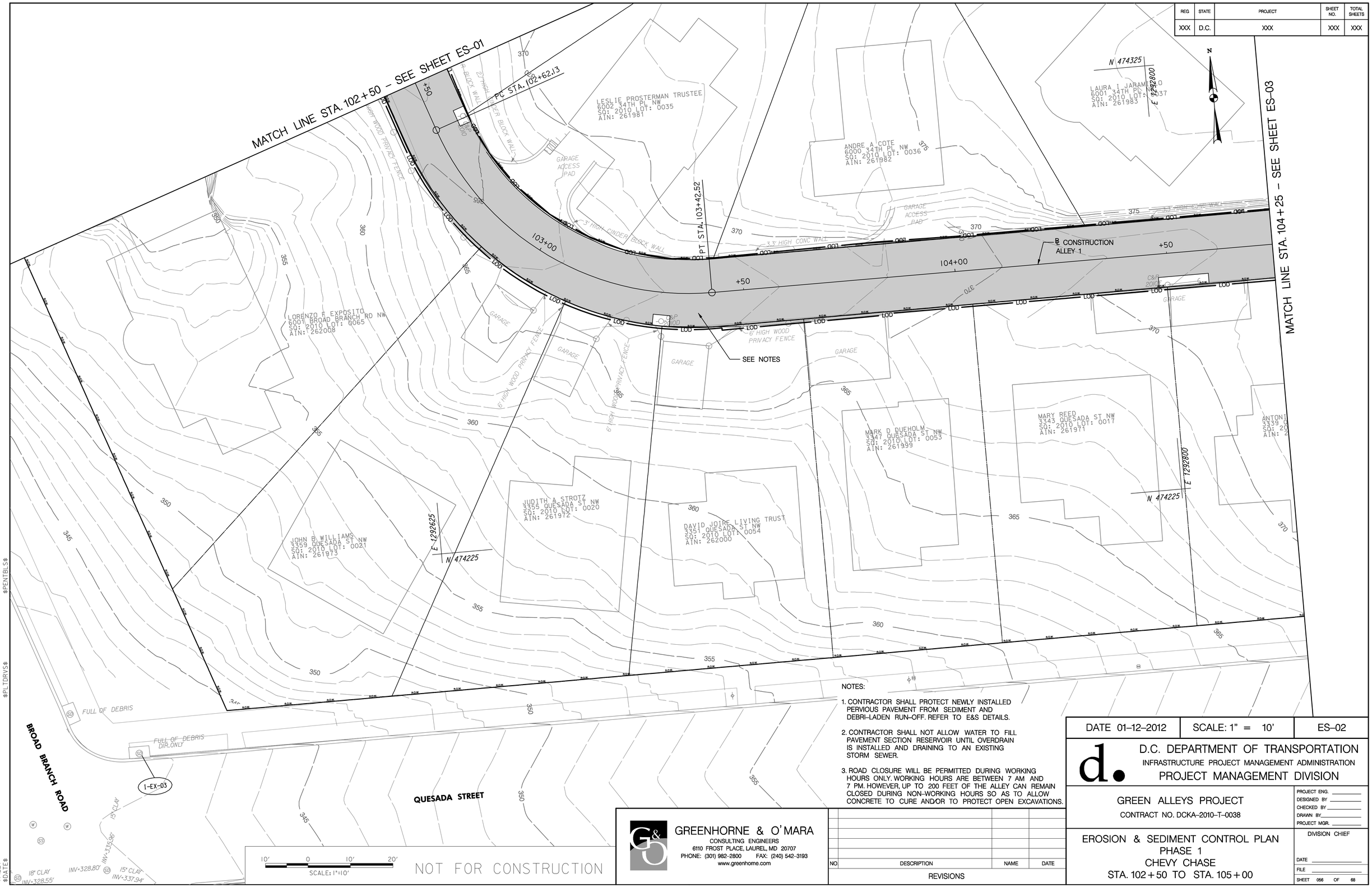
PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

DIVISION CHIEF
DATE ____
FILE ____

SHEET 055 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTES:

1. CONTRACTOR SHALL PROTECT NEWLY INSTALLED PERVIOUS PAVEMENT FROM SEDIMENT AND DEBRI–LADEN RUN–OFF. REFER TO E&S DETAILS.
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PHONE: (301) 982–2800 FAX: (240) 542–3193
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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012 | SCALE: 1" = 10' | ES–02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

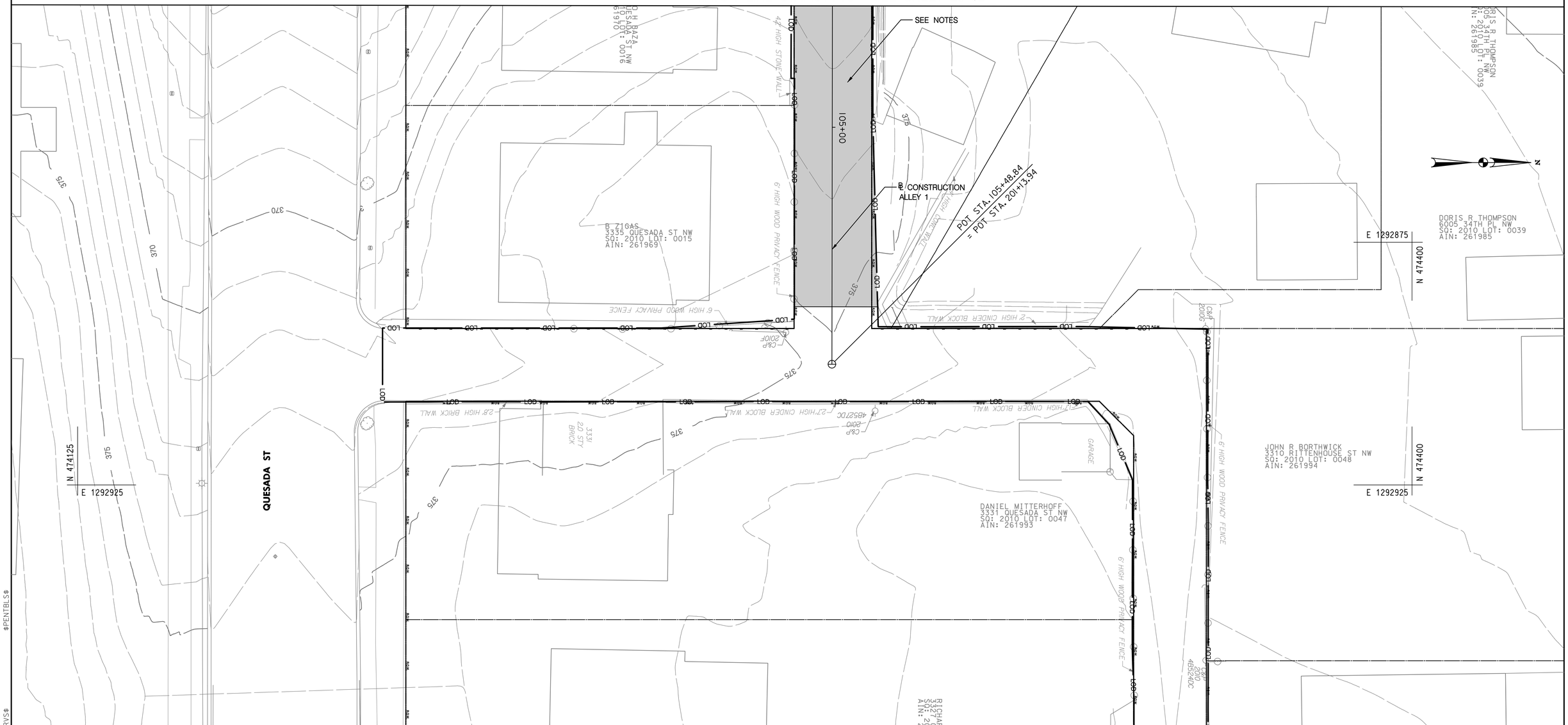
EROSION & SEDIMENT CONTROL PLAN
PHASE 1
CHEVY CHASE
STA. 102+50 TO STA. 105+00

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____
DIVISION CHIEF
DATE ____
FILE ____
SHEET 056 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

MATCH LINE STA. 104+75 – SEE SHEET ES–02



NOTES:

1. CONTRACTOR SHALL PROTECT NEWLY INSTALLED PERVIOUS PAVEMENT FROM SEDIMENT AND DEBRI–LADEN RUN–OFF. REFER TO E&S DETAILS.

2. CONTRACTOR SHALL NOT ALLOW WATER TO FILL PAVEMENT SECTION RESERVOIR UNTIL OVERDRAIN IS INSTALLED AND DRAINING TO AN EXISTING STORM SEWER.

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10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012	SCALE: 1" = 10'	ES–03

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

EROSION & SEDIMENT CONTROL PLAN
PHASE 1
CHEVY CHASE
STA. 200+00 TO STA. 201+84

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

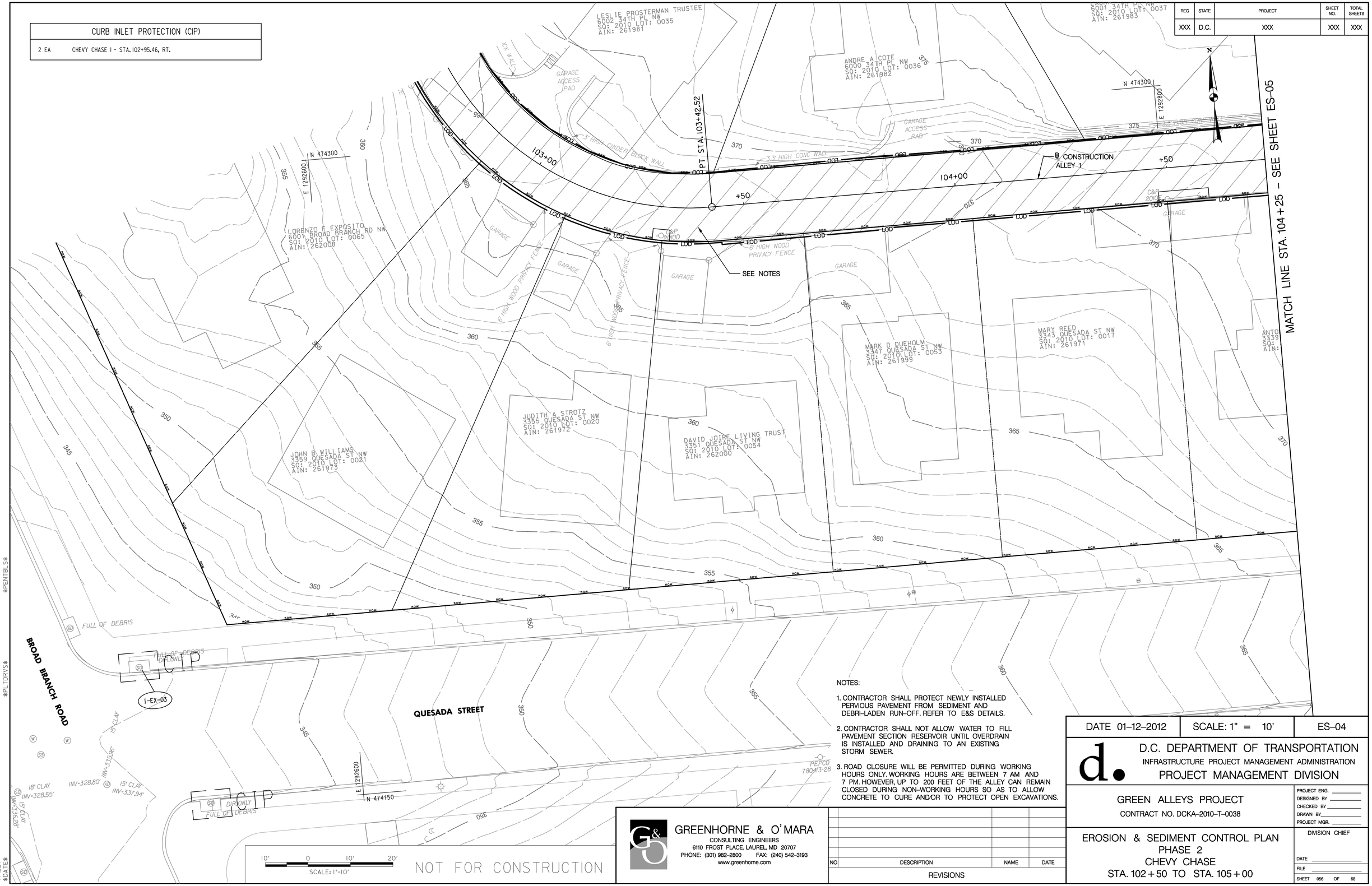
DIVISION CHIEF
DATE ____
FILE ____

SHEET 057 OF 68

$PENTBLS$
$PLTDRVS$
$FILES$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

CURB INLET PROTECTION (CIP)	
2 EA	CHEVY CHASE I - STA.102+95.46, RT.



NOTES:

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: 1" = 10'	ES-04

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

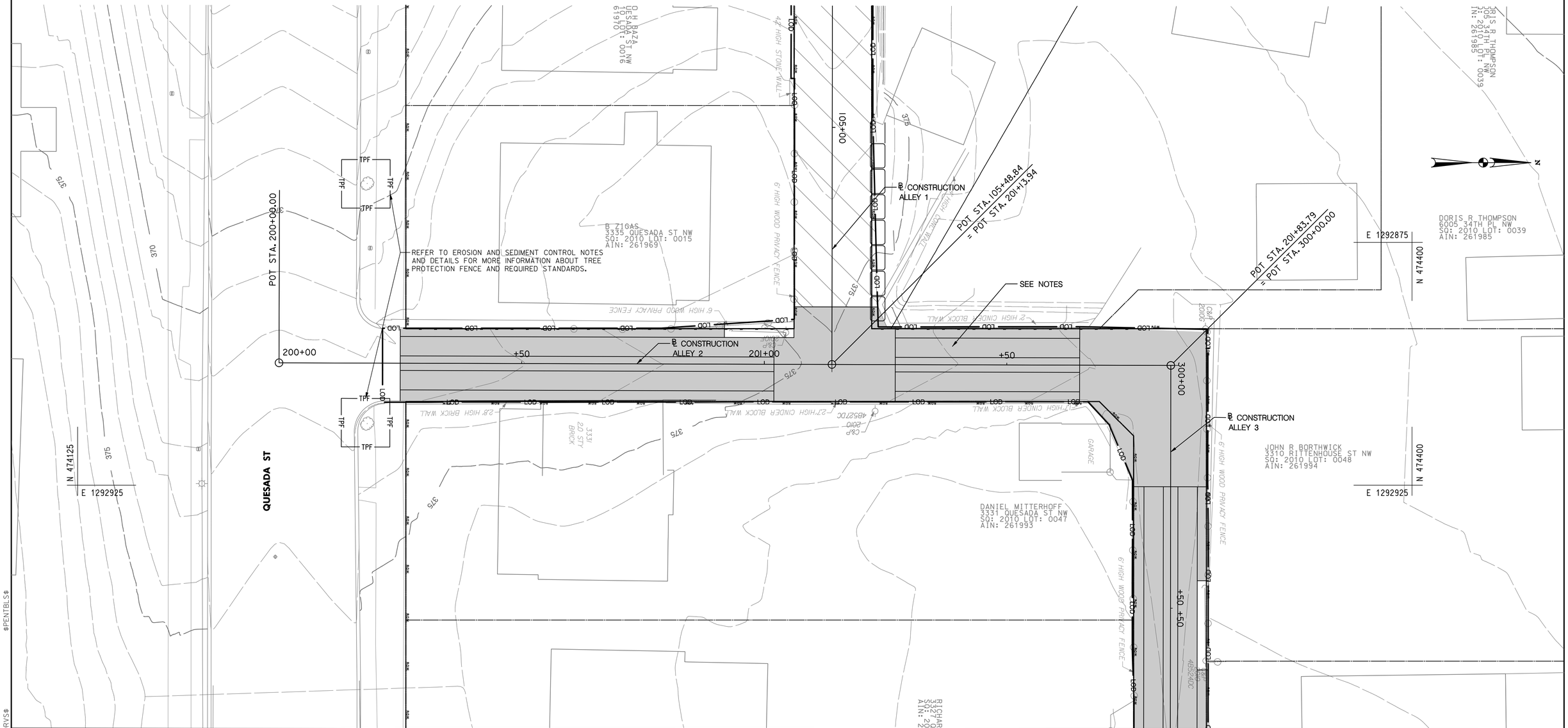
EROSION & SEDIMENT CONTROL PLAN
PHASE 2
CHEVY CHASE
STA. 102+50 TO STA. 105+00

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____
DIVISION CHIEF
DATE ____
FILE ____

SHEET 056 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



MATCH LINE STA. 300+75 – SEE SHEET ES–06

NOTES:

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TREE PROTECTION FENCE
CHEVY CHASE 2 - STA. 200+18, 12' RT.
CHEVY CHASE 2 - STA. 200+18, 37' LT.

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012	SCALE: 1" = 10'	ES–05

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

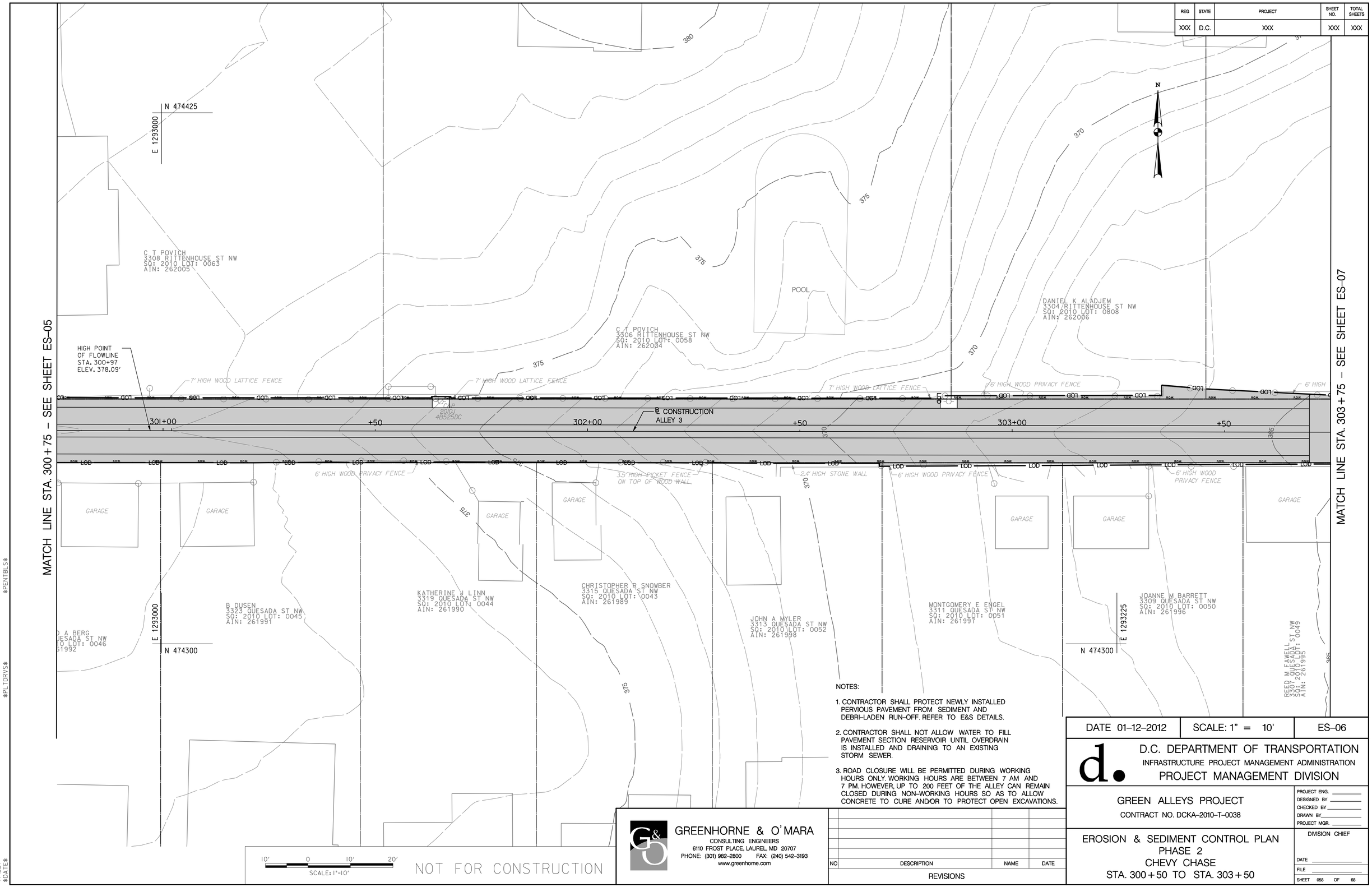
EROSION & SEDIMENT CONTROL PLAN
PHASE 2
CHEVY CHASE
STA. 200+00 TO STA. 201+84

DIVISION CHIEF
DATE ____
FILE ____

SHEET 057 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTES:

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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012 | SCALE: 1" = 10' | ES–06

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

EROSION & SEDIMENT CONTROL PLAN
PHASE 2
CHEVY CHASE
STA. 300+50 TO STA. 303+50

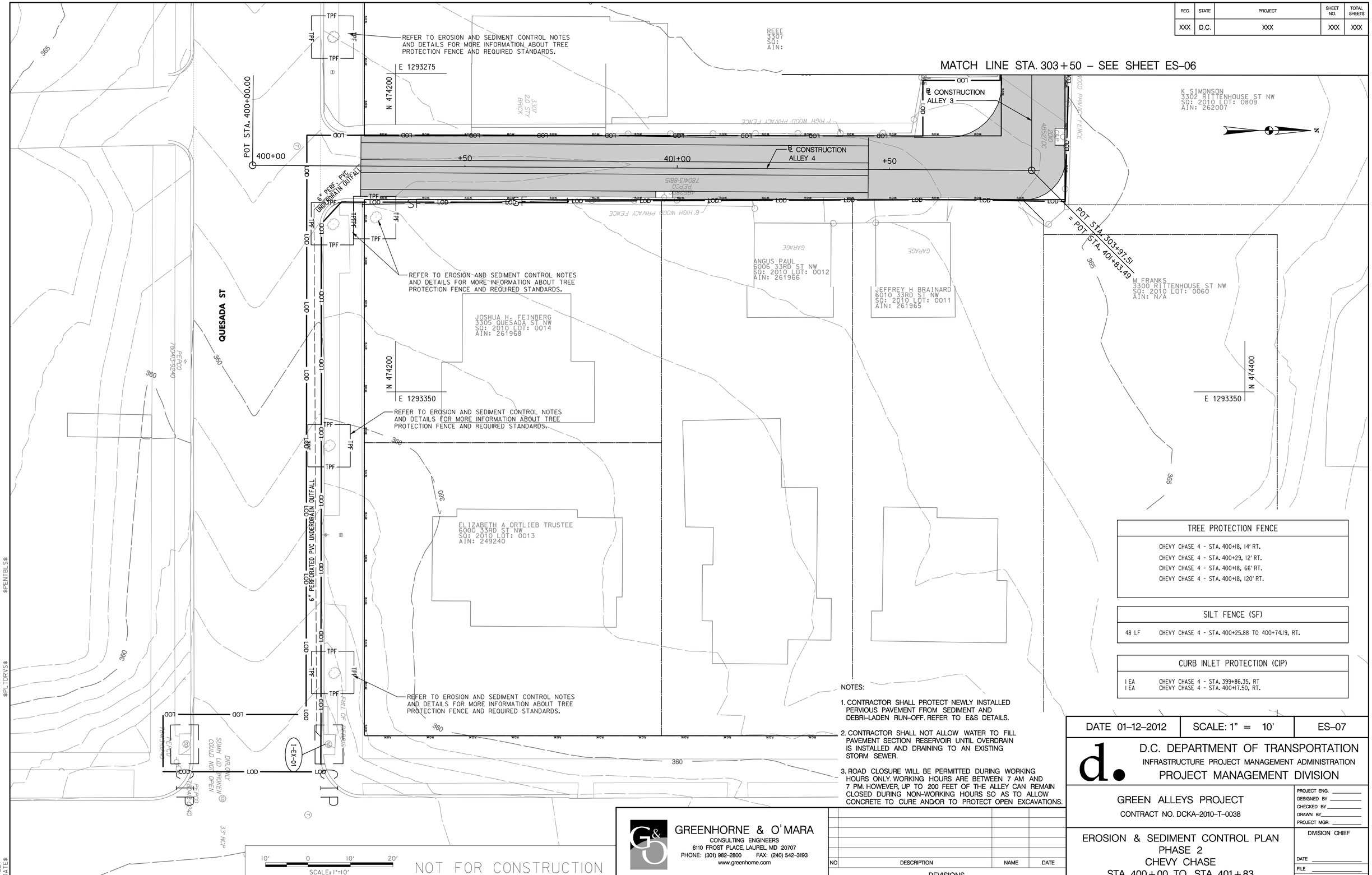
PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

DIVISION CHIEF
DATE ____
FILE ____

SHEET 058 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTES:

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TREE PROTECTION FENCE

CHEVY CHASE 4 - STA. 400+18, 14' RT.
CHEVY CHASE 4 - STA. 400+29, 12' RT.
CHEVY CHASE 4 - STA. 400+18, 66' RT.
CHEVY CHASE 4 - STA. 400+18, 120' RT.

SILT FENCE (SF)

48 LF CHEVY CHASE 4 - STA. 400+25.88 TO 400+74.19, RT.

CURB INLET PROTECTION (CIP)

1 EA CHEVY CHASE 4 - STA. 399+86.35, RT
1 EA CHEVY CHASE 4 - STA. 400+17.50, RT.

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NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012	SCALE: 1" = 10'	ES–07

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

EROSION & SEDIMENT CONTROL PLAN
PHASE 2
CHEVY CHASE
STA. 400+00 TO STA. 401+83

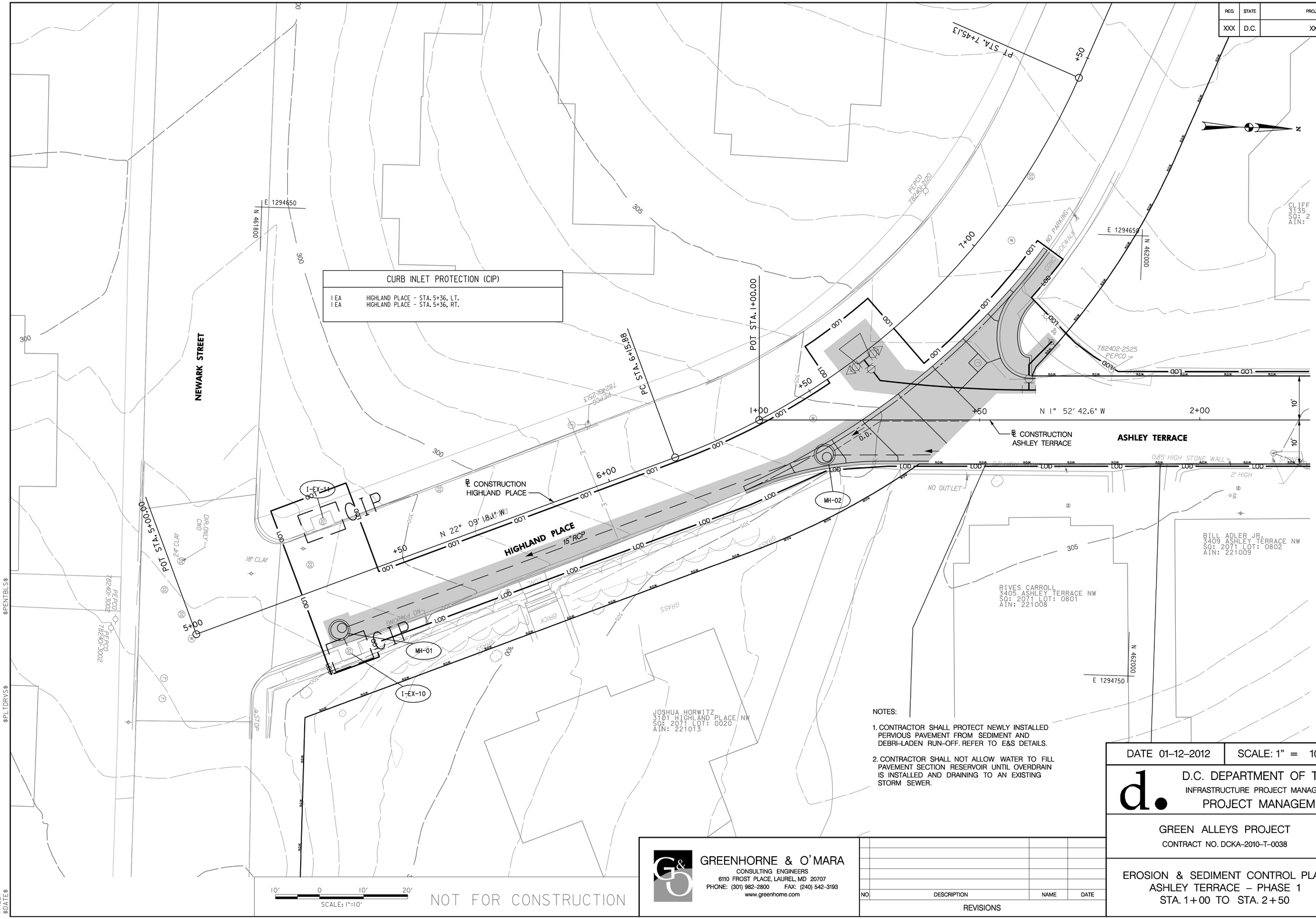
PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

DIVISION CHIEF
DATE ____
FILE ____

SHEET 059 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTES:

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NOT FOR CONSTRUCTION

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www.greenhorne.com

NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: 1" = 10'	ES-08

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

EROSION & SEDIMENT CONTROL PLAN
ASHLEY TERRACE – PHASE 1
STA. 1+00 TO STA. 2+50

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____

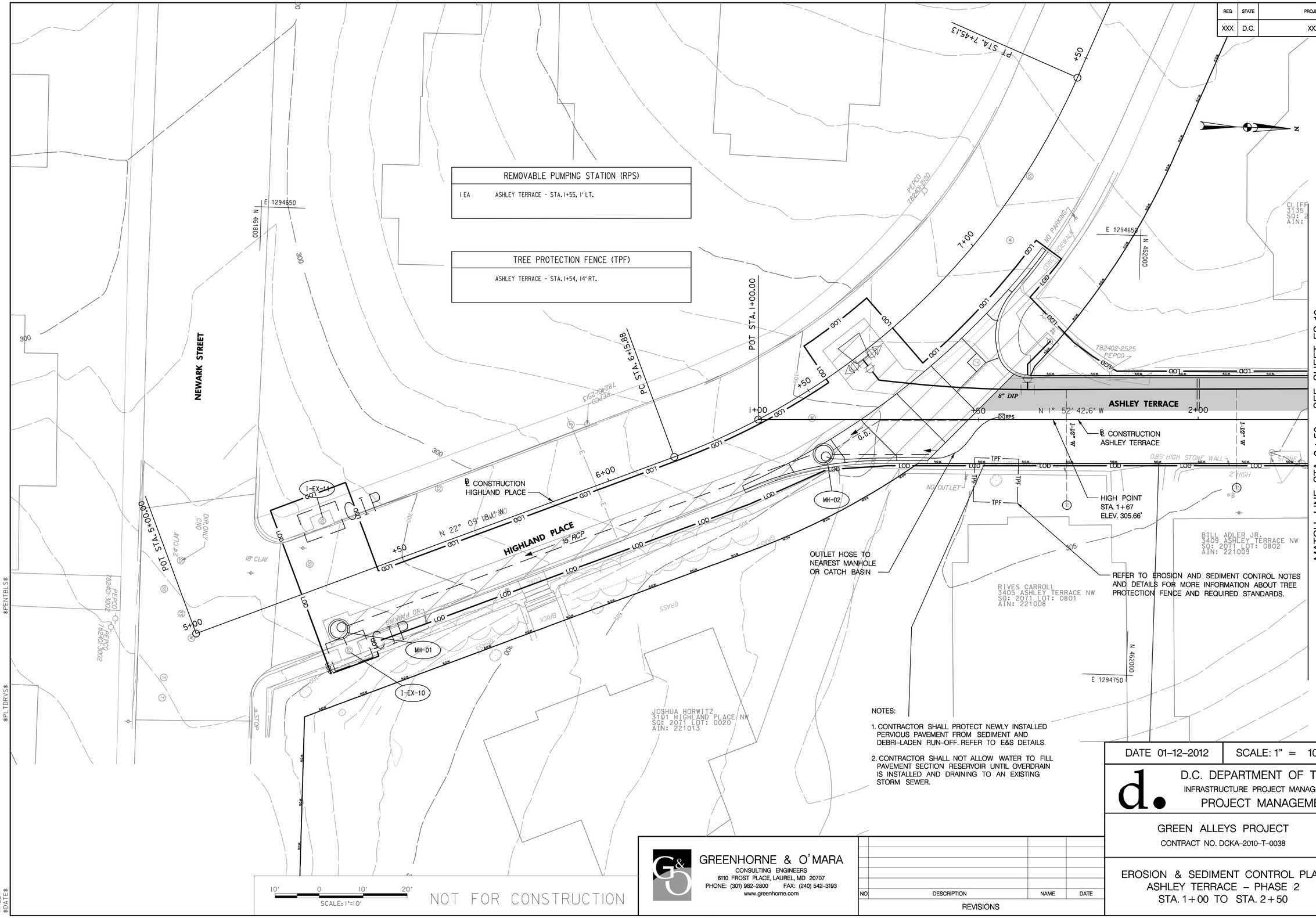
SHEET 060 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

REMOVABLE PUMPING STATION (RPS)
1 EA ASHLEY TERRACE - STA. 1+55, 1' LT.

TREE PROTECTION FENCE (TPF)
ASHLEY TERRACE - STA. 1+54, 14' RT.



NOTES:

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DATE 01-12-2012	SCALE: 1" = 10'	ES-09

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

EROSION & SEDIMENT CONTROL PLAN
ASHLEY TERRACE – PHASE 2
STA. 1+00 TO STA. 2+50

PROJECT ENG. _____
DESIGNED BY _____
CHECKED BY _____
DRAWN BY _____
PROJECT MGR. _____

DIVISION CHIEF
DATE _____
FILE _____

SHEET 061 OF 68

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

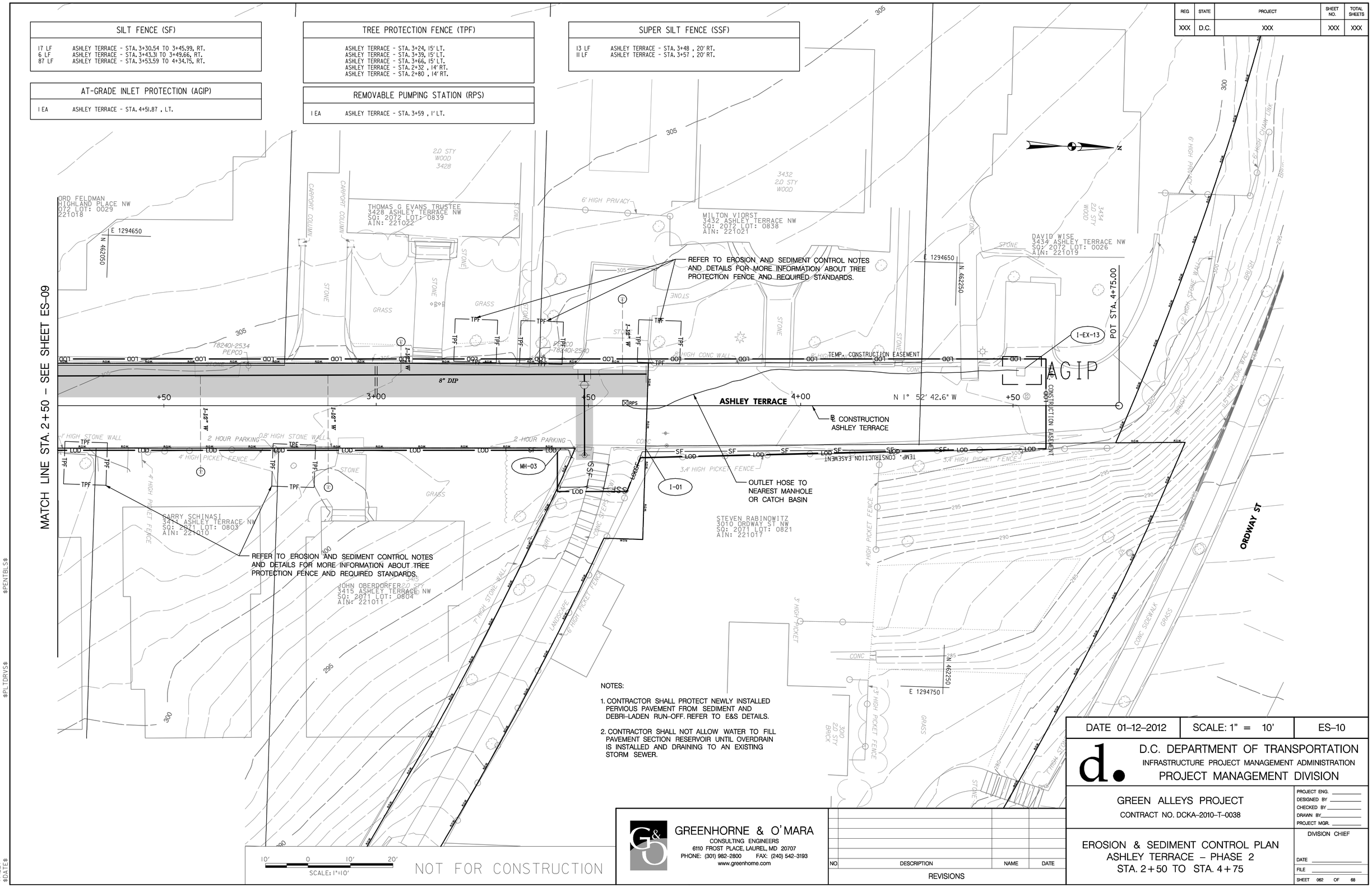
SILT FENCE (SF)	
17 LF	ASHLEY TERRACE - STA. 3+30.54 TO 3+45.99, RT.
6 LF	ASHLEY TERRACE - STA. 3+43.31 TO 3+49.66, RT.
87 LF	ASHLEY TERRACE - STA. 3+53.59 TO 4+34.75, RT.

AT-GRADE INLET PROTECTION (AGIP)	
1 EA	ASHLEY TERRACE - STA. 4+51.87 , LT.

TREE PROTECTION FENCE (TPF)
ASHLEY TERRACE - STA. 3+24, 15' LT.
ASHLEY TERRACE - STA. 3+39, 15' LT.
ASHLEY TERRACE - STA. 3+66, 15' LT.
ASHLEY TERRACE - STA. 2+32 , 14' RT.
ASHLEY TERRACE - STA. 2+80 , 14' RT.

REMOVABLE PUMPING STATION (RPS)	
1 EA	ASHLEY TERRACE - STA. 3+59 , 1' LT.

SUPER SILT FENCE (SSF)	
13 LF	ASHLEY TERRACE - STA. 3+48 , 20' RT.
11 LF	ASHLEY TERRACE - STA. 3+57 , 20' RT.



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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	SCALE: 1" = 10'	ES-10

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

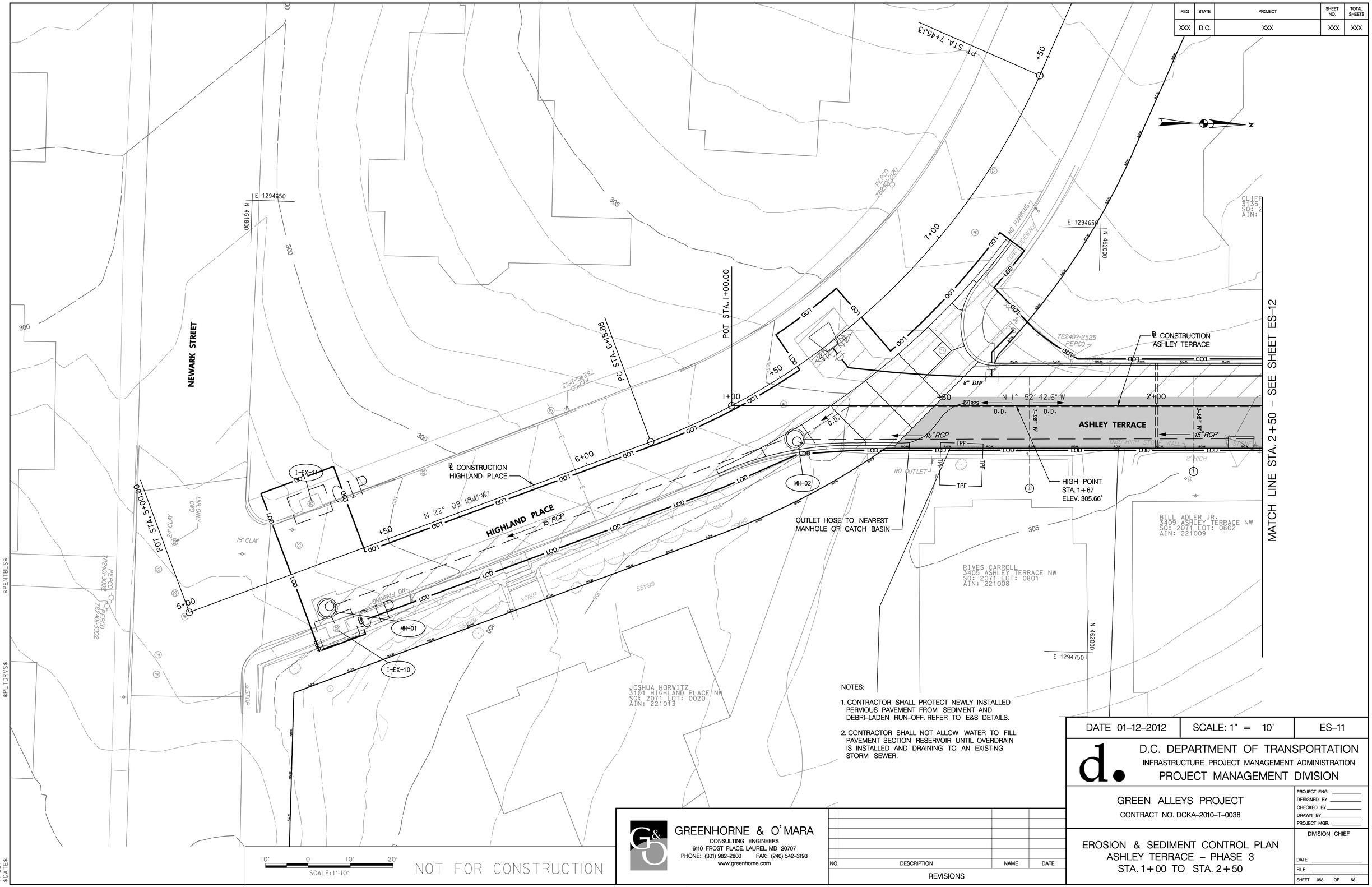
GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

EROSION & SEDIMENT CONTROL PLAN
ASHLEY TERRACE – PHASE 2
STA. 2+50 TO STA. 4+75

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____
DIVISION CHIEF
DATE ____
FILE ____
SHEET 062 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



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DATE 01-12-2012	SCALE: 1" = 10'	ES-11

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

EROSION & SEDIMENT CONTROL PLAN
ASHLEY TERRACE – PHASE 3
STA. 1+00 TO STA. 2+50

DIVISION CHIEF
DATE ____
FILE ____

SHEET 063 OF 68

GREENHORNE & O'MARA
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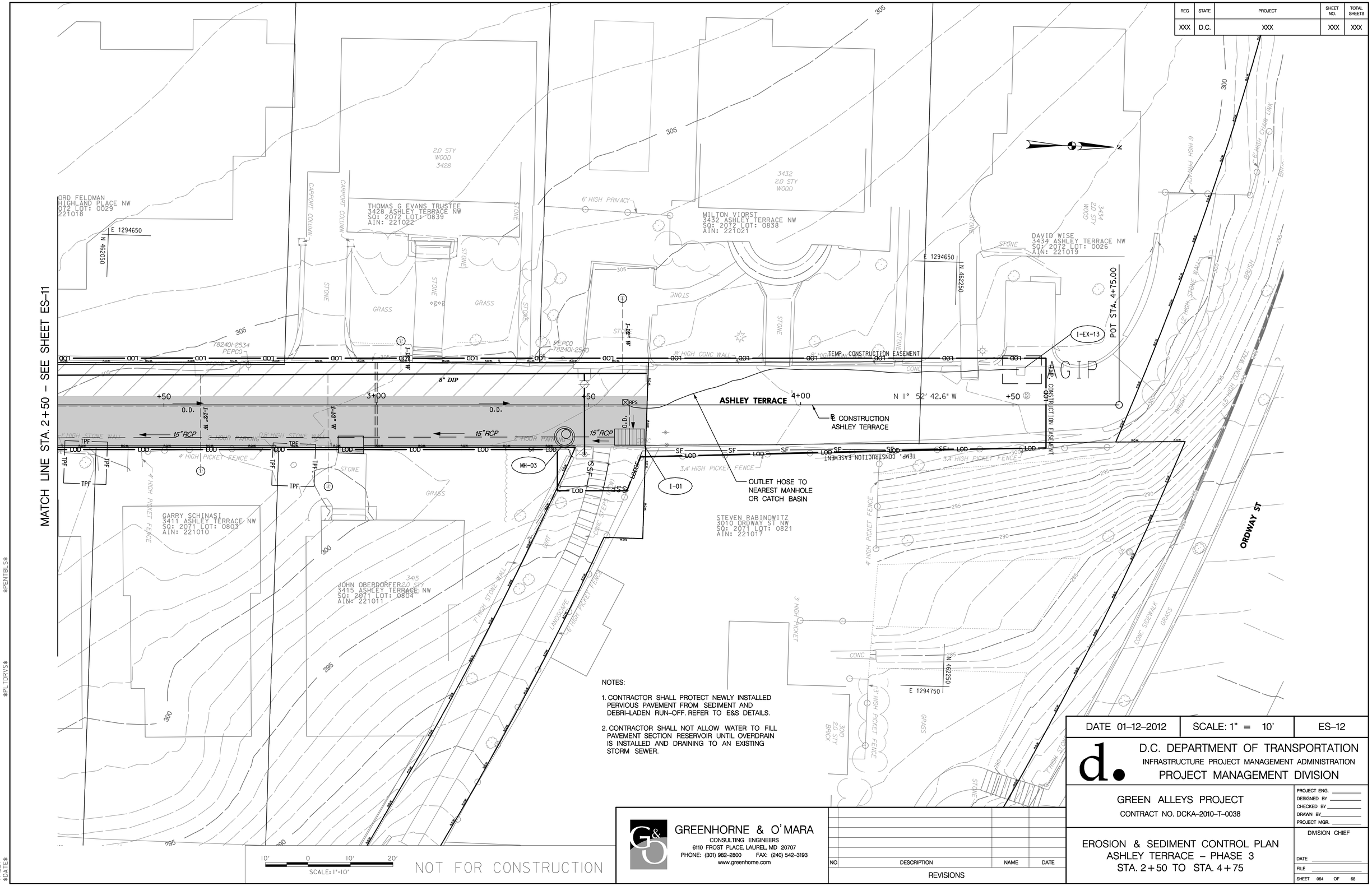
NO.	DESCRIPTION	NAME	DATE

REVISIONS

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



NOTES:

1. CONTRACTOR SHALL PROTECT NEWLY INSTALLED PERVIOUS PAVEMENT FROM SEDIMENT AND DEBRI–LADEN RUN–OFF. REFER TO E&S DETAILS.

2. CONTRACTOR SHALL NOT ALLOW WATER TO FILL PAVEMENT SECTION RESERVOIR UNTIL OVERDRAIN IS INSTALLED AND DRAINING TO AN EXISTING STORM SEWER.

10' 0 10' 20'
SCALE: 1"=10'

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982–2800 FAX: (240) 542–3193
www.greenhorne.com

NO.	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01–12–2012	SCALE: 1" = 10'	ES–12

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA–2010–T–0038

EROSION & SEDIMENT CONTROL PLAN
ASHLEY TERRACE – PHASE 3
STA. 2+50 TO STA. 4+75

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

DIVISION CHIEF
DATE ____
FILE ____

SHEET 064 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

GeoConcepts Engineering, Inc.
19855 Highland View Dr., #170
Ashburn, VA 20147
703-726-8030
fax

PROJECT: Green Alleys Project
LOCATION: Ashley Terrace NW, Washington, DC
HOLE DESIGNATION: B-1
DRILLING CONTRACTOR: Recon Drilling, Inc.
SHEET 1 OF 1
DRILLING INSPECTOR: C. McIntyre
DRILLING FOREMAN: W. Rodas
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 306.1
DRILLING METHOD: 2.25" I.D. HSA
DATE COMPLETED: 6/21/11

ELEV. (ft)	DEPTH (ft)	SYMBOL	MATERIAL DESCRIPTION	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)
306.0			4" Asphalt ~ 2 inches			
305.8	0.5		4" Gravel Base ~ 3 inches			
305.5			clayey sandy Fill, with gravel, moist, brown			
		B1	sandy FAT CLAY (CH), with sand, moist, brown	1	4-4-4-4	4
303.1	3		clayey SAND (SC), moist, tan	2	3-5-4-12	14
		B2		3	5-4-11-17	15
297.1	9		silty GRAVEL (GM), with sand, moist, tan and gray	4	7-4-2-3	3
296.1	10		Bottom of Boring at 10.0 ft.			

GROUND WATER LEVELS:
FROM INTERP.: None
UPON COMPLETION: Dry
24 HRS.: Dry
CAVED: 8.7 ft ELEV. 295.4
SAMPLE TYPE: Split Spoon
REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19855 Highland View Dr., #170
Ashburn, VA 20147
703-726-8030
fax

PROJECT: Green Alleys Project
LOCATION: Ashley Terrace NW, Washington, DC
HOLE DESIGNATION: B-2
DRILLING CONTRACTOR: Recon Drilling, Inc.
SHEET 1 OF 1
DRILLING INSPECTOR: C. McIntyre
DRILLING FOREMAN: W. Rodas
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 303.6
DRILLING METHOD: 2.25" I.D. HSA
DATE COMPLETED: 6/21/11

ELEV. (ft)	DEPTH (ft)	SYMBOL	MATERIAL DESCRIPTION	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)
303.3			4" Asphalt ~ 2 inches			
303.0	0.5		4" Gravel Base ~ 4 inches			
302.5		A	sandy lean clay Fill, with gravel, moist, brown	1	6-3-4-3	12
300.3	3		clayey sandy FILL, with gravel, moist, brown	2	3-4-5	12
		B2		3	3-4-5	12
297.1	6		clayey sandy FILL, with gravel, moist, tan	4	4-6-4	4
296.1	7		Bottom of Boring at 10.0 ft.			

GROUND WATER LEVELS:
FROM INTERP.: None
UPON COMPLETION: Dry
24 HRS.: Dry
CAVED: 6.8 ft ELEV. 296.8
SAMPLE TYPE: Split Spoon
REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19855 Highland View Dr., #170
Ashburn, VA 20147
703-726-8030
fax

PROJECT: Green Alleys Project
LOCATION: Ashley Terrace NW, Washington, DC
HOLE DESIGNATION: B-3
DRILLING CONTRACTOR: Recon Drilling, Inc.
SHEET 1 OF 1
DRILLING INSPECTOR: C. McIntyre
DRILLING FOREMAN: W. Rodas
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 309.4
DRILLING METHOD: 2.25" I.D. HSA
DATE COMPLETED: 6/21/11

ELEV. (ft)	DEPTH (ft)	SYMBOL	MATERIAL DESCRIPTION	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)
309.0			4" Asphalt ~ 2 inches			
308.7			3" Concrete ~ 3 inches			
			silty SAND (SM), with gravel, moist, brown	1	3-4-4-5	8
	5	B2		2	2-3-4	12
			without gravel, gray below 6.0 ft.	3	2-3-4	15
			can be dark 6.0 ft.	4	2-3-4	15
296.1	13		Bottom of Boring at 13.0 ft.			

GROUND WATER LEVELS:
FROM INTERP.: None
UPON COMPLETION: Dry
24 HRS.: Dry
CAVED: 8.2 ft ELEV. 293.6
SAMPLE TYPE: Split Spoon
REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19855 Highland View Dr., #170
Ashburn, VA 20147
703-726-8030
fax

PROJECT: Green Alleys Project
LOCATION: Ashley Terrace NW, Washington, DC
HOLE DESIGNATION: B-4
DRILLING CONTRACTOR: Recon Drilling, Inc.
SHEET 1 OF 1
DRILLING INSPECTOR: C. McIntyre
DRILLING FOREMAN: W. Rodas
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 304.7
DRILLING METHOD: 2.25" I.D. HSA
DATE COMPLETED: 6/21/11

ELEV. (ft)	DEPTH (ft)	SYMBOL	MATERIAL DESCRIPTION	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT)
304.4			4" Asphalt ~ 2 inches			
304.0			4" Gravel Base ~ 2 inches			
302.5			sandy lean clay Fill, with gravel, moist, brown	1	3-3-3-7	8
299.7	5	A	clayey gravel FILL, with sand, moist, tan and gray	2	4-7-4-9	5
			clayey sand FILL, with gravel, moist, brown	3	4-4-4-11	8
297.7	7	B2	clayey SAND (SC), with gravel, moist, brown	4	7-4-4-1	8
296.7	8		Bottom of Boring at 10.0 ft.			

GROUND WATER LEVELS:
FROM INTERP.: None
UPON COMPLETION: Dry
24 HRS.: Dry
CAVED: 5.7 ft ELEV. 298.0
SAMPLE TYPE: Split Spoon
REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	NOT TO SCALE	SO-01

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

SOIL BORING LOGS

DIVISION CHIEF
DATE ____
FILE ____

SHEET 065 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

GeoConcepts Engineering, Inc.
19890 Highland Vista Dr., #170 Ashburn, VA 20147 — 703-726-8030 fax

PROJECT: Green Alleys Project	PROPOSED: C. McIntyre
LOCATION: Quesada Street NW, Washington DC	DRILLING CONTRACTOR: Recon Drilling, Inc.
	BORING NUMBER: B-5
	SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara	DRILLER: W. Rodes
PROJECT NUMBER: 11058	GROUND SURFACE ELEVATION (ft): 376.0
DRILLING METHOD: 2.25" I.D. HSA	DATE COMPLETED: 6/23/11
1:650	6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	WATER CONTENT (%)	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
375.7			Concrete - 4 inches				
			Silty SAND (SM), micaceous, moist, brown	21.7	1	3-3-4-4	7
	5	C2		21.7	2	3-3-4	7
				21.7	3	3-3-4	7
				21.7	4	4-4-5	9
361.1	15		Bottom of Boring at 10.0 ft.				
	20						
	25						
	30						

GROUND WATER LEVELS:
AT CONSTRUCTION: None
AT COMPLETION: Dry
24 HOURS: Dry
CAVED: 5.7 ft ELEV. 370.3

SAMPLE TYPE: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19890 Highland Vista Dr., #170 Ashburn, VA 20147 — 703-726-8030 fax

PROJECT: Green Alleys Project	PROPOSED: C. McIntyre
LOCATION: Quesada Street NW, Washington DC	DRILLING CONTRACTOR: Recon Drilling, Inc.
	BORING NUMBER: B-6
	SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara	DRILLER: W. Rodes
PROJECT NUMBER: 11058	GROUND SURFACE ELEVATION (ft): 375.6
DRILLING METHOD: 2.25" I.D. HSA	DATE COMPLETED: 6/23/11
1:650	6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	WATER CONTENT (%)	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
374.3			Concrete - 1 inches				
			Silty SAND (SM), micaceous, moist, brown	16.5	4-4-4-5	8	
	5	C2		16.5	1-1-4-5	8	
				16.5	4-4-5-5	17	
				16.5	4-4-5-7	18	
361.1	15		Bottom of Boring at 10.0 ft.				
	20						
	25						
	30						

GROUND WATER LEVELS:
AT CONSTRUCTION: None
AT COMPLETION: Dry
24 HOURS: Dry
CAVED: 6.0 ft ELEV. 369.6

SAMPLE TYPE: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19890 Highland Vista Dr., #170 Ashburn, VA 20147 — 703-726-8030 fax

PROJECT: Green Alleys Project	PROPOSED: C. McIntyre
LOCATION: Quesada Street NW, Washington DC	DRILLING CONTRACTOR: Recon Drilling, Inc.
	BORING NUMBER: B-7
	SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara	DRILLER: W. Rodes
PROJECT NUMBER: 11058	GROUND SURFACE ELEVATION (ft): 372.6
DRILLING METHOD: 2.25" I.D. HSA	DATE COMPLETED: 6/23/11
1:650	6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	WATER CONTENT (%)	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
372.2			Concrete - 3 inches				
			Clayey SAND (SC), with gravel, micaceous, moist, brown	21.7	3-3-4-4	23	
			no gravel below 2.5 ft.	21.7	3-4-5	15	
	5	C2			2-3-3	15	
364.1							
		C1	Sandy LEAN CLAY (CL), micaceous, moist, brown	21.7	3-4-4	15	
359.6	15		Bottom of Boring at 13.0 ft.				
	20						
	25						
	30						
	35						

GROUND WATER LEVELS:
AT CONSTRUCTION: None
AT COMPLETION: Dry
24 HOURS: Dry
CAVED: 8.0 ft ELEV. 364.6

SAMPLE TYPE: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19890 Highland Vista Dr., #170 Ashburn, VA 20147 — 703-726-8030 fax

PROJECT: Green Alleys Project	PROPOSED: C. McIntyre
LOCATION: Quesada Street NW, Washington DC	DRILLING CONTRACTOR: Recon Drilling, Inc.
	BORING NUMBER: B-8
	SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara	DRILLER: W. Rodes
PROJECT NUMBER: 11058	GROUND SURFACE ELEVATION (ft): 364.3
DRILLING METHOD: 2.25" I.D. HSA	DATE COMPLETED: 6/23/11
1:650	6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	WATER CONTENT (%)	SAMPLE NUMBER	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
363.8			Concrete - 6 inches				
		C2	Clayey SAND (SC), moist, brown	21.7	3-2-3-3	10	
363.0	5			21.7	2-3-4	16	
			sandy ELASTIC SILT (MH), moist, brown	21.7	2-4-4	16	
360.0		C1					
			sandy SILT (SM), moist, brown	21.7	2-4-4	16	
354.3	10		Bottom of Boring at 10.0 ft.				
	15						
	20						
	25						
	30						
	35						

GROUND WATER LEVELS:
AT CONSTRUCTION: None
AT COMPLETION: Dry
24 HOURS: Dry
CAVED: 5.3 ft ELEV. 358.8

SAMPLE TYPE: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	NOT TO SCALE	SO-02

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

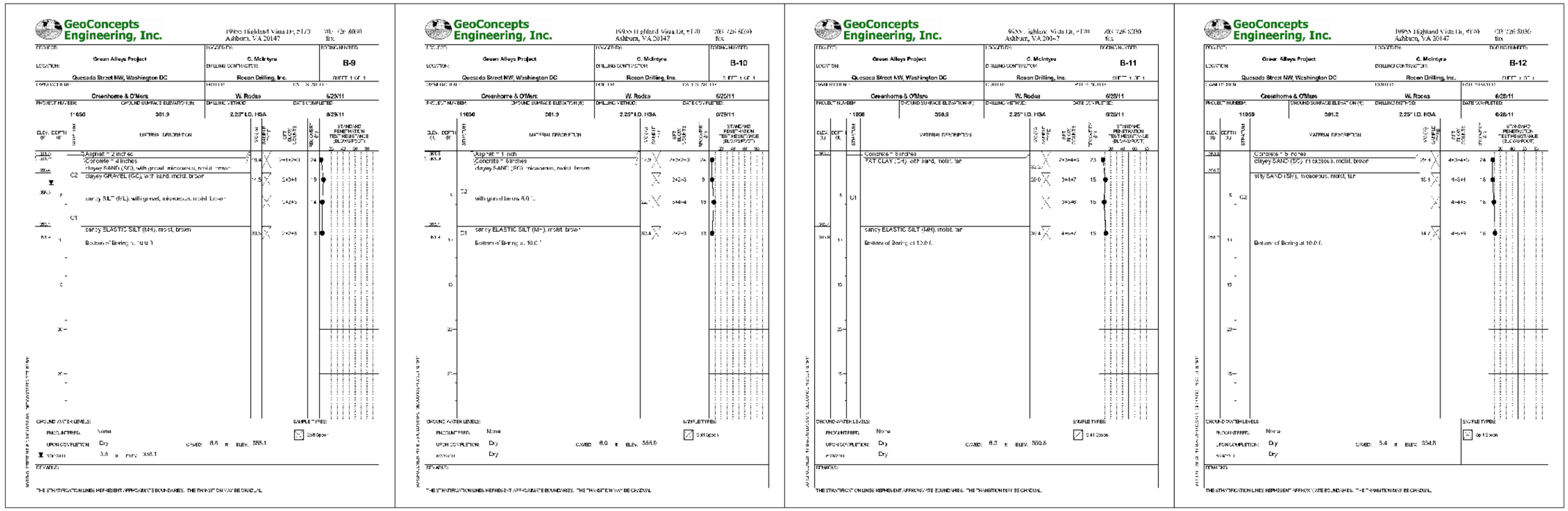
SOIL BORING LOGS

DIVISION CHIEF
DATE ____
FILE ____

SHEET 066 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX



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CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
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NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	NOT TO SCALE	SO-03

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

SOIL BORING LOGS

DIVISION CHIEF
DATE ____
FILE ____

SHEET 067 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
XXX	D.C.	XXX	XXX	XXX

GeoConcepts Engineering, Inc.
19890 Highland View Dr., #170 Ashburn, VA 20147 (703) 726-8030 fax

PROJECT: Green Alleys Project
LOCATION: Quesada Street NW, Washington DC
DRILLING CONTRACTOR: Recon Drilling, Inc.
BORING NUMBER: B-13
SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara
DRILLING METHOD: 2.25" I.D. HSA
DRILLER: W. Rodes
DATE COMPLETED: 6/23/11
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 388.6
DATE: 6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	VOLUME CHANGE	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
388.6			Concrete - 7 inches			
			Silty SAND (SM), microscopic, moist, brown	24.4	2-4-3-4	23
				17.5	3-4-4-6	14
	5	C2		18.5	3-4-4-5	19
383.6			Bottom of Boring at 10.0 ft.	22.5	4-4-4-5	18
	10					
	15					
	20					
	25					

GROUND WATER LEVELS:
FROM INTERFR: None
UPON COMPLETION: Dry
WEEKS: Dry
CAVED: 8.0 ft ELEV. 382.6
SAMPLE TYPES: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19890 Highland View Dr., #170 Ashburn, VA 20147 (703) 726-8030 fax

PROJECT: Green Alleys Project
LOCATION: Quesada Street NW, Washington DC
DRILLING CONTRACTOR: Recon Drilling, Inc.
BORING NUMBER: B-14
SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara
DRILLING METHOD: 2.25" I.D. HSA
DRILLER: W. Rodes
DATE COMPLETED: 6/23/11
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 373.6
DATE: 6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	VOLUME CHANGE	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
373.6			Concrete - 7 inches			
			Silty SAND (SM), microscopic, moist, brown		4-4-4-4	15
	5	C2		18.0	3-4-4-4	19
368.6			Bottom of Boring at 10.0 ft.		4-4-4-5	18
	10					
	15					
	20					
	25					

GROUND WATER LEVELS:
FROM INTERFR: None
UPON COMPLETION: Dry
WEEKS: Dry
CAVED: 8.8 ft ELEV. 367.8
SAMPLE TYPES: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19890 Highland View Dr., #170 Ashburn, VA 20147 (703) 726-8030 fax

PROJECT: Green Alleys Project
LOCATION: Quesada Street NW, Washington DC
DRILLING CONTRACTOR: Recon Drilling, Inc.
BORING NUMBER: B-15
SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara
DRILLING METHOD: 2.25" I.D. HSA
DRILLER: W. Rodes
DATE COMPLETED: 6/23/11
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 378.1
DATE: 6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	VOLUME CHANGE	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
378.1			Concrete - 8 inches			
			Silty SAND (SM), microscopic, moist, brown		2-3-3-4	24
				17.4	4-4-4-5	14
	5	C2		18.5	3-4-4-4	15
373.1			Bottom of Boring at 10.0 ft.	17.7	3-4-4-5	15
	10					
	15					
	20					
	25					

GROUND WATER LEVELS:
FROM INTERFR: None
UPON COMPLETION: Dry
WEEKS: Dry
CAVED: 8.0 ft ELEV. 372.1
SAMPLE TYPES: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

GeoConcepts Engineering, Inc.
19890 Highland View Dr., #170 Ashburn, VA 20147 (703) 726-8030 fax

PROJECT: Green Alleys Project
LOCATION: Quesada Street NW, Washington DC
DRILLING CONTRACTOR: Recon Drilling, Inc.
BORING NUMBER: B-16
SHEET 1 OF 1
DRAWN BY: Greenhorne & O'Mara
DRILLING METHOD: 2.25" I.D. HSA
DRILLER: W. Rodes
DATE COMPLETED: 6/23/11
PROJECT NUMBER: 11058
GROUND SURFACE ELEVATION (ft): 386.9
DATE: 6/23/11

ELEV. (ft)	DEPTH (ft)	STRATUM	MATERIAL DESCRIPTION	VOLUME CHANGE	BLOW COUNTS	STANDARD PENETRATION TEST RESISTANCE (BLOWS/FOOT) 20 40 60 80
386.9			Concrete - 6 inches			
386		A	Sandy lean clay (CL), moist, brown		2-3-3-3	7
			Sandy SILT (SM), microscopic, moist, brown	20.3	2-4-4-4	18
	5	C1			4-4-4-5	18
376.9			Bottom of Boring at 10.0 ft.	20.1	2-3-4-4	18
	10					
	15					
	20					
	25					

GROUND WATER LEVELS:
FROM INTERFR: None
UPON COMPLETION: Dry
WEEKS: 4.0 ft ELEV. 382.9
CAVED: 5.4 ft ELEV. 381.5
SAMPLE TYPES: Split Spoon

REMARKS:
THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARIES. THE TRANSITION MAY BE GRADUAL.

NOT FOR CONSTRUCTION

GREENHORNE & O'MARA
CONSULTING ENGINEERS
6110 FROST PLACE, LAUREL, MD 20707
PHONE: (301) 982-2800 FAX: (240) 542-3193
www.greenhorne.com

NO	DESCRIPTION	NAME	DATE

REVISIONS

DATE 01-12-2012	NOT TO SCALE	SO-04

D.C. DEPARTMENT OF TRANSPORTATION
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT
CONTRACT NO. DCKA-2010-T-0038

PROJECT ENG. ____
DESIGNED BY ____
CHECKED BY ____
DRAWN BY ____
PROJECT MGR. ____

SOIL BORING LOGS

DIVISION CHIEF
DATE ____
FILE ____

SHEET 068 OF 68

$PENTBLS$
$PLTDRVS$
$FILE$
$DATE$