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Tuesday, September 24, 2013 AT 09:50 AM

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	2	57

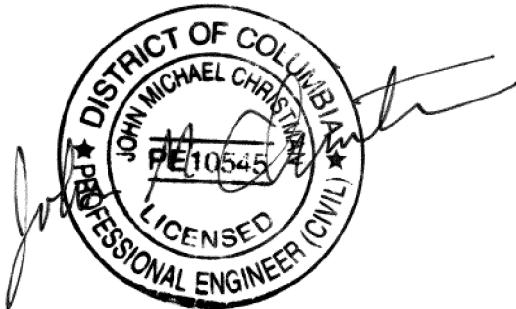
GENERAL NOTES

GENERAL

- IN CASE OF DISCREPANCY AMONG CONTRACT DOCUMENTS REFER TO STANDARD SPECIFICATIONS, SECTION 103J, ARTICLE 2, ORDER OF PRECEDENCE.
- THIS PROJECT WILL TEMPORARILY IMPACT ACCESS FOR PARKING AND REFUSE COLLECTION FOR ADJACENT PROPERTIES. COORDINATION BETWEEN THE CONTRACTOR, DPW, DDOT, AND ADJACENT PROPERTY OWNERS WILL BE NECESSARY. RESIDENTIAL REFUSE COLLECTION OCCURS WEEKLY ON MONDAYS. 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.
- 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. 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.
- STREET AND ALLEY CLOSURE PROCEDURES ARE OUTLINED IN SECTION 24.14 OF DISTRICT OF COLUMBIA MUNICIPAL REGULATIONS.
- WORK HOURS WILL BE MONDAY THRU FRIDAY BETWEEN 9:30 AM AND 3:30 PM.
- 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.
- NO STAGING AND STORAGE AREA IS BEING DESIGNATED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR SEEKING NECESSARY SPACE AND UNDERGOING ALL REQUIRED NEGOTIATIONS WITH THE OWNER OF THE PROPERTY TO SECURE ITS USE AND FOR RESTORING THE AREA TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER.

SURVEY

- 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
- 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.
- 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 (CTCO).
- 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.



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

UTILITIES

- CONTRACTOR SHALL NOTIFY MISS UTILITY (1-800-257-7777) 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- 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.
- 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.
- CONTRACTOR SHALL NOTIFY PEPCO 7 DAYS PRIOR TO DISTURBING PAVEMENT ADJACENT TO EXISTING UTILITY POLES. CONTRACTOR SHALL SUPPORT EXISITNG UTILITY POLES AS DIRECTED BY PEPCO AND THE ENGINEER.

EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL INSTALL ALL SEDIMENT CONTROL PROTECTION MEASURES PRIOR TO COMMENCEMENT OF CONSTRUCTION AS SHOWN IN PLANS.
- THE CONTRACTOR SHALL INSTALL SEDIMENT CONTROL PROTECTION FOR NEW INLETS IMMEDIATELY AFTER THE INLETS ARE CONSTRUCTED.
- THE CONTRACTOR SHALL INSTALL SEDIMENT CONTROL PROTECTION FOR EXISTING NEARBY INLETS OUTSIDE THE LIMIT OF WORK THAT ARE IMPACTED BY THE CONSTRUCTION.
- THE CONTRACTOR SHALL REMOVE SEDIMENT CONTROL PROTECTION UPON COMPLETION OF EACH PHASE OF CONSTRUCTION AS DIRECTED BY THE DDOT PROJECT ENGINEER.

TRAFFIC CONTROL PLAN

- 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.
- IF THE CONTRACTOR DOES NOT PLAN TO USE THE TRAFFIC CONTROL PLANS IN THE CONTRACT DOCUMENTS, ALTERNATE TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL, AT LEAST 72 HOURS PRIOR TO THE START OF THAT PHASE OF WORK.
- PRIOR TO STARTING WORK, THE CONTRACTOR SHALL SCHEDULE A FIELD MEETING WITH THE ENGINEER, PROPERTY OWNERS, AND OTHER STAKEHOLDERS AS DIRECTED BY THE ENGINEER TO REVIEW THE SCHEDULE AND SEQUENCE OF CONSTRUCTION. CONTRACTOR TO COORDINATE WITH RESIDENTS THROUGHOUT CONSTRUCTION TO PROVIDE ACCESS TO HOUSES.


DATE 09-23-2013	SCALE: N / A	GN-01
<div>d.</div> <div>D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION</div>		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>  SJZ  </u> DESIGNED BY <u>  JCM  </u> CHECKED BY <u>  SJZ  </u> DRAWN BY <u>  JCM  </u> PROJECT MGR. <u>  JMC  </u>
GENERAL NOTES		DIVISION CHIEF  DATE <u>          </u> FILE <u>          </u> SHEET 2 OF 57

NO	DESCRIPTION	NAME	DATE
REVISIONS			



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	3	57

	EXISTING STORMDRAIN MANHOLE		LIMIT OF DISTURBANCE		ABUTMENT		OVERHEAD
	EXISTING COMBINED SANITARY & STORMDRAIN MANHOLE		TREE PROTECTION FENCE		ASPHALTIC CONCRETE		ON CENTER
	EXISTING SANITARY SEWER VENT		LIMIT OF SURVEY		AT-GRADE INLET PROTECTION		OVERDRAIN
	EXISTING MANHOLE UNKNOWN		PROPOSED CENTER LINE		ALTERNATE		PLATE
	EXISTING SANITARY SEWER MANHOLE		PROPOSED BASE LINE & STATIONING		ANGLE		PCC
	EXISTING WATER MANHOLE		FEATURES TO REMAIN		APPROXIMATE		PORTLAND CEMENT CONCRETE
	EXISTING SANITARY SEWER CLEANOUT		PROPOSED STATE LINE		AT		PORTLAND CEMENT CONCRETE PIPE
	EXISTING WATER METER		RIGHT-OF-WAY LINE		ALTERNATE		POINT OF COMPOUND CURVATURE
	EXISTING WATER VALVE OR CUT-OFF		BUILDING RESTRICTION LINE		ANGLE		POINT OF CURVE
	EXISTING GAS METER		LOT LINE		APPROXIMATE		PROFILE GRADE ELEVATION
	EXISTING GAS VALVE OR CUT-OFF		PROPOSED FENCE (Indicate Type)		AT		PROFILE GRADE LINE
	EXISTING GAS VENT		EXISTING FENCE (Indicate Type)		BACK OF SIDEWALK		POINT OF INTERSECTION
	EXISTING ELECTRIC METER		EXISTING SPOT ELEVATION (AND/OR FEATURE)		BOTTOM		POINT ON CURVE
	PROPOSED SANITARY SEWER, STORM DRAIN, WATER MANHOLE		PROPOSED SPOT ELEVATION (AND/OR FEATURE)		BEARING /BEARINGS		POINT ON TANGENT
	PROPOSED CLEANOUT		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POINT OF RETURN
	EXISTING FIRE HYDRANT		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POINT OF REVERSE CURVATURE
	PROPOSED FIRE HYDRANT		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POINT OF TANGENCY
	PROPOSED WATER VALVE, GATE VALVE		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POINT OF TANGENCY
	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE LESS THAN 24'		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POINT OF TANGENCY
	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE 24' OR GREATER		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POLYVINYL CHLORIDE
	EXISTING UNDERGROUND GAS, TELEPHONE, ELECTRIC LINE		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POINT OF VERTICAL CURVATURE
	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE TO BE ABANDONED		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				POINT OF VERTICAL TANGENCY
	EXISTING UNDERGROUND GAS, TELEPHONE, ELECTRIC LINE TO BE ABANDONED		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				PROPOSED
	EXISTING SANITARY SEWER, COMBINED SEWER, STORM DRAIN, WATER LINE TO BE REMOVED		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				
	EXISTING CATCH BASIN CONNECTION WITH DIRECTION OF FLOW		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				
	PROPOSED CATCH BASIN CONNECTION WITH DIRECTION OF FLOW		PROPOSED SPOT ELEVATION (AND/OR FEATURE)				

DATE 09-23-2013	SCALE: N / A	GN-02
 <div style="text-align: center;"> <h1>D.C. DEPARTMENT OF TRANSPORTATION</h1> <h2>INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</h2> <h3>PROJECT MANAGEMENT DIVISION</h3> </div>		
<div style="text-align: center;"> <h3>GREEN ALLEYS PROJECT</h3> <h3>CHEVY CHASE</h3> <p>CONTRACT NO. DCKA-XXXX-X-XXXX</p> </div>		PROJECT ENG. <u>          SIZ          </u> DESIGNED BY <u>                                </u> CHECKED BY <u>          JDM          </u> DRAWN BY <u>          SIZ          </u> PROJECT MGR. <u>          JMC          </u>
<div style="text-align: center;"> <h3>STANDARD SYMBOLS AND ABBREVIATIONS</h3> </div>		<div style="text-align: center;">DIVISION CHIEF</div>     DATE <u>                                </u> FILE <u>                                </u> SHEET           3          OF   57



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REVISIONS			

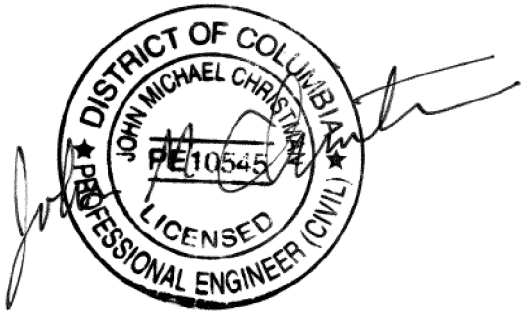



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SUMMARY OF PAY ITEMS AND QUANTITIES

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	4	57

Participating Construction Engineering			
Item No.	Description	Unit	Quantity
108002	Progress Photographs	LS	1
108004	As-Built Drawings	LS	1
625002	Field Layout	LS	1
Participating Roadway Construction			
Item No.	Description	Unit	Quantity
200010	Geotextile Type 1	SY	3700
202002	Common Excavation	CY	1200
202004	Hard Surface Excavation	CY	400
209991	Double-washed #57 Stone Aggregate Layer	CY	234
209991	Double-washed #2 Stone Aggregate Base Course	CY	856
300004	Field Connection at Existing Structure	EACH	2
300004	Clean Sewer Structures	EACH	8
300005	Clean PCC Pipe	LF	400
407004	Temporary AC, Superpave Surface Course, 9.5 mm	TON	7
500008	Pervious Concrete Pavement, 8 Inch	SY	1250
500008	Pervious Concrete Sidewalk, 4 Inch	SY	96
503006	Reinforced PCC Alley, 8 Inch	SY	770
505022	Replace Driveway-Alley Entrance, 6 Inch	SY	18
600006	Cleanout at pavement	EACH	11
600009	Saw cut	LF	369
600014	Waterproofing Geomembrane	SY	75
603004	Underdrain Pipe, 6 Inch, perforated sch 40 PVC	LF	1310
603004	Underdrain Pipe, 6 Inch, non-perforated sch 40 PVC	LF	140
609004	PCC Curb and/or Gutter	CY	45
610016	Sod	SY	50
612002	Mobilization	LS	1
616001	Maintenance of Highway Traffic	LS	1
628002	Erosion and Sediment Control	LS	1





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NO	DESCRIPTION	NAME	DATE
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DATE 09-23-2013	SCALE: N / A	SQ - 01
<div><div>d.</div><div>D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION</div></div>		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>  SIZ  </u> DESIGNED BY <u>      </u> CHECKED BY <u>  JDM  </u> DRAWN BY <u>      </u> PROJECT MGR. <u>  JMC  </u>
SUMMARY OF PAY ITEMS AND QUANTITIES		DIVISION CHIEF  DATE <u>          </u> FILE <u>          </u> SHEET 4 OF 57



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Tuesday, September 24, 2013 AT 09:50 AM

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3	D.C.	N/A	5	57

ALLEY 2 CONSTRUCTION BASELINE CONTROL COORDINATES					
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
	POT	200+00.0000	474,166.4953	1,292,899.7936	
	POT	201+91.2094	474,357.7038	1,292,900.3569	

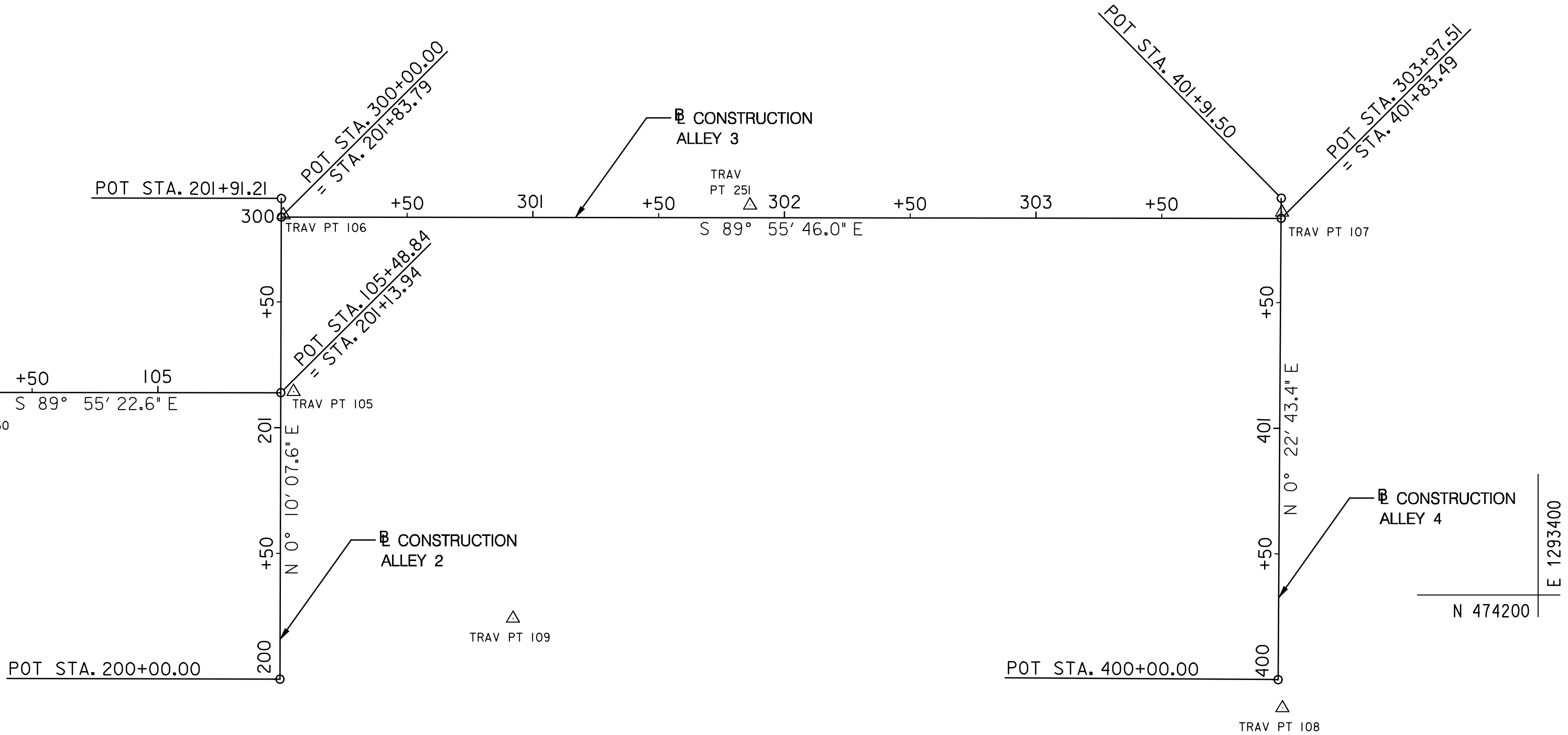
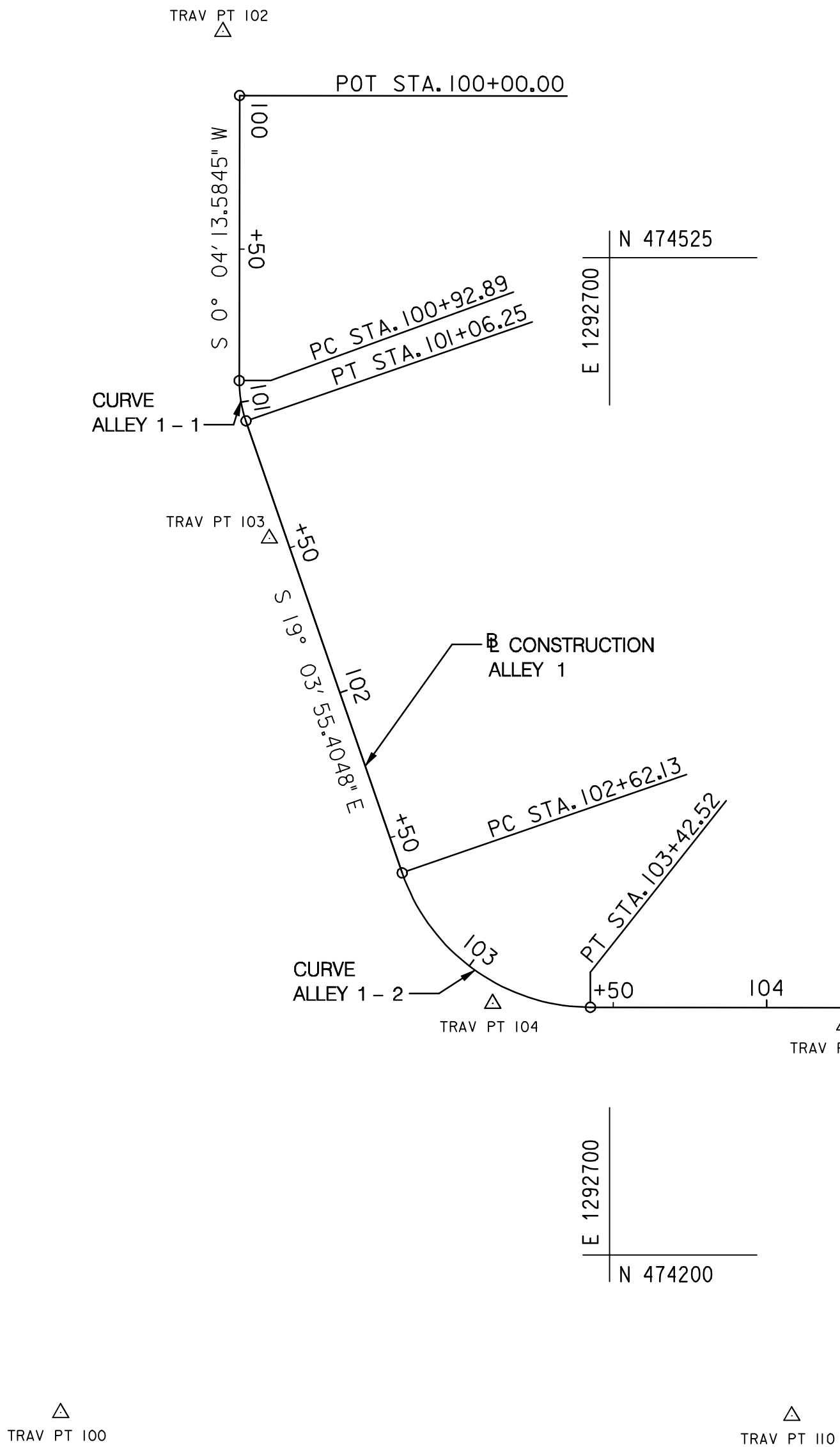
ALLEY 3 CONSTRUCTION BASELINE CONTROL COORDINATES					
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
	POT	300+00.0000	474,350.2835	1,292,900.3350	
	POT	303+97.5148	474,349.7940	1,293,297.8495	

ALLEY 4 CONSTRUCTION BASELINE CONTROL COORDINATES					
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
	POT	400+00.0000	474,166.3104	1,293,296.6367	
	POT	401+91.4985	474,357.8047	1,293,297.9025	



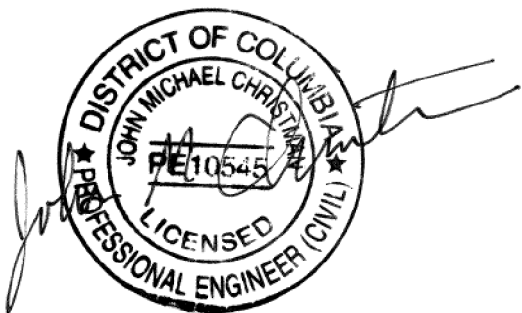
TRAVERSE POINTS			
POINT NO.	NORTH	EAST	ELEVATION
TRAV PT 100	474,148.6189	1,292,521.1208	341.1074'
TRAV PT 101	474,598.6930	1,292,393.0447	346.6541'
TRAV PT 102	474,598.6750	1,292,573.9693	355.2598'
TRAV PT 103	474,433.5038	1,292,589.1385	360.1691'
TRAV PT 104	474,281.9308	1,292,661.9742	366.5111'
TRAV PT 105	474,280.8396	1,292,905.1960	375.5025'
TRAV PT 106	474,351.1192	1,292,901.1398	377.5385'
TRAV PT 107	474,352.1658	1,293,298.1525	364.0052'
TRAV PT 108	474,155.0663	1,293,298.3374	361.7488'
TRAV PT 109	474,190.6426	1,292,992.4151	375.1957'
TRAV PT 110	474,147.5997	1,292,759.3961	360.5487'
TRAV PT 250	474,274.8899	1,292,776.7030	370.9342'
TRAV PT 251	474,355.0302	1,293,086.6530	374.5512'
TRAV PT 252	474,195.4439	1,293,482.7153	354.8157'

△  
TRAV PT 101



ALLEY 1 CONSTRUCTION BASELINE CONTROL COORDINATES					
CURVE	POINT NO.	STATION	NORTH	EAST	BEARING
ALLEY 1 - 1	POT	100+00.0000	474,577.8157	1,292,579.4605	S 0° 04' 13.5844" W
	PC	100+92.8902	474,484.9256	1,292,579.3463	S 0° 04' 13.5844" W
	PI	100+99.6327	474,478.1831	1,292,579.3380	
	PT	101+06.2495	474,471.8105	1,292,581.5404	S 19° 03' 55.4049" E
ALLEY 1 - 2	CC		474,484.8764	1,292,619.3463	
	PC	102+62.1298	474,324.4809	1,292,632.4582	S 19° 03' 55.4049" E
	PI	103+08.3720	474,280.7751	1,292,647.5631	
	PT	103+42.5151	474,280.7130	1,292,693.8053	S 89° 55' 22.6418" E
	CC		474,345.7129	1,292,693.8927	
	POT	105+48.8393	474,280.4355	1,292,900.1293	S 89° 55' 22.6418" E

CURVE DATA						
CURVE	DELTA	Dc	RADIUS	TANGENT	LENGTH	EXTERNAL
ALLEY 1 - 1	19° 8' 8.9893" (LT)	143° 14' 22.0156"	40.0000'	6.7425'	13.3593'	0.5643'
ALLEY 1 - 2	70° 51' 27.2369" (LT)	88° 8' 50.4711"	65.0000'	46.2423'	80.3854'	14.7706'

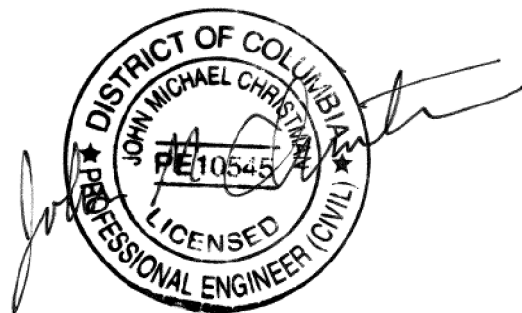
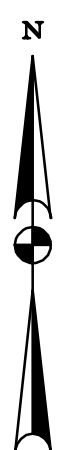
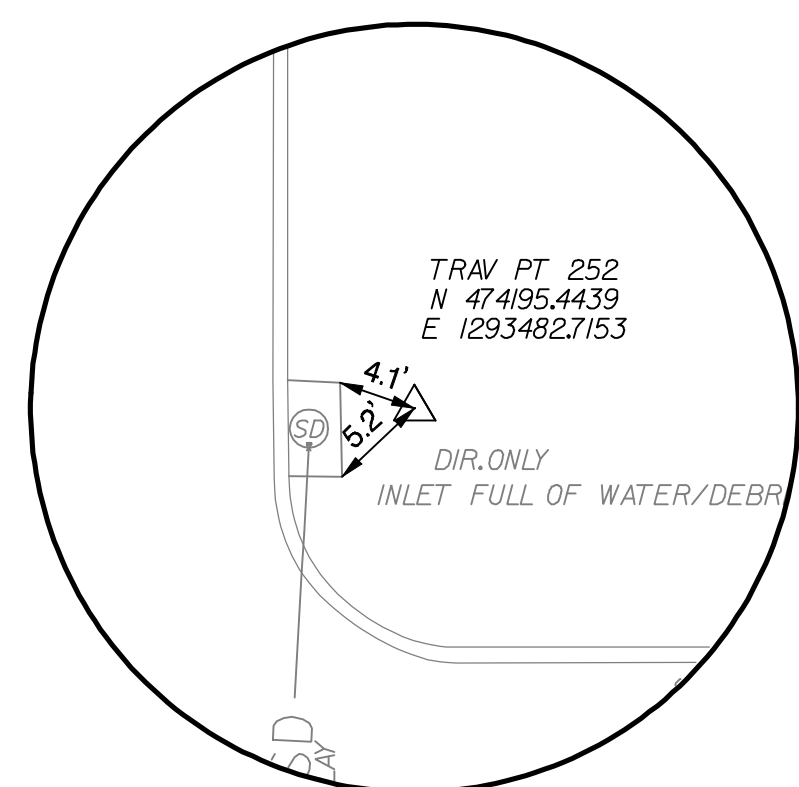
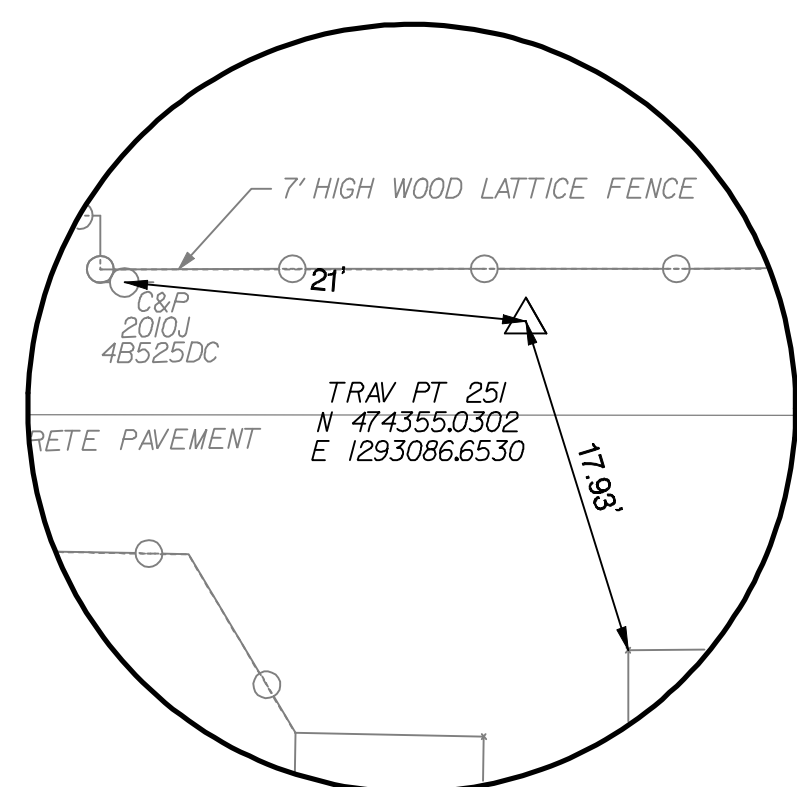
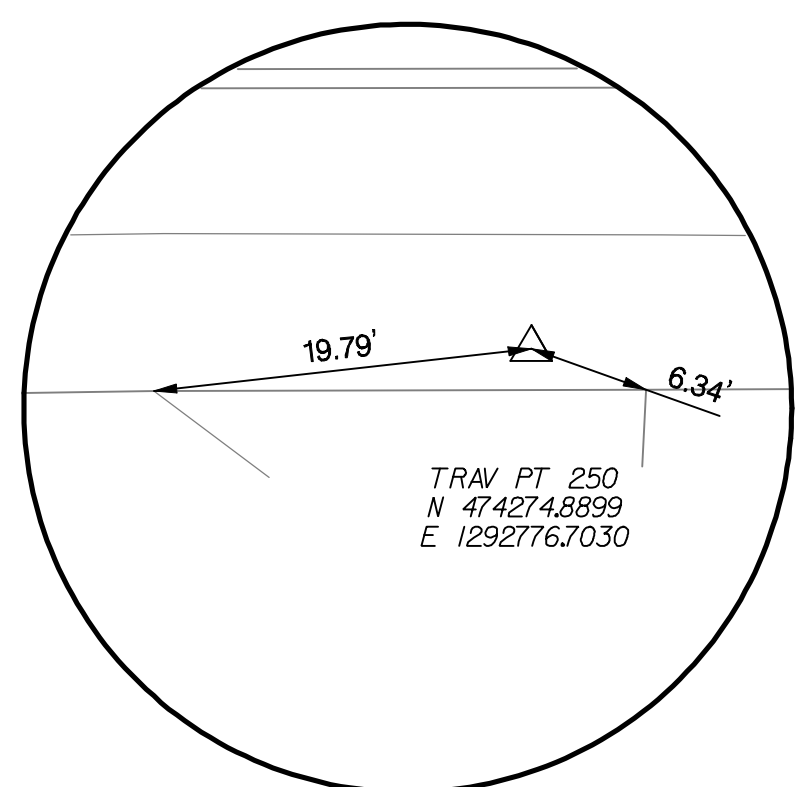
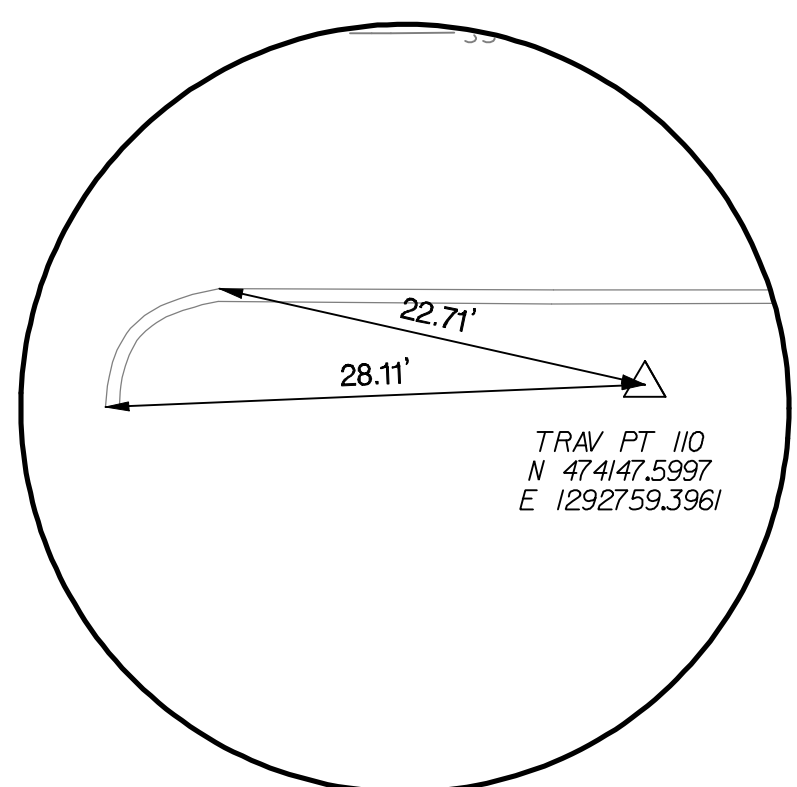
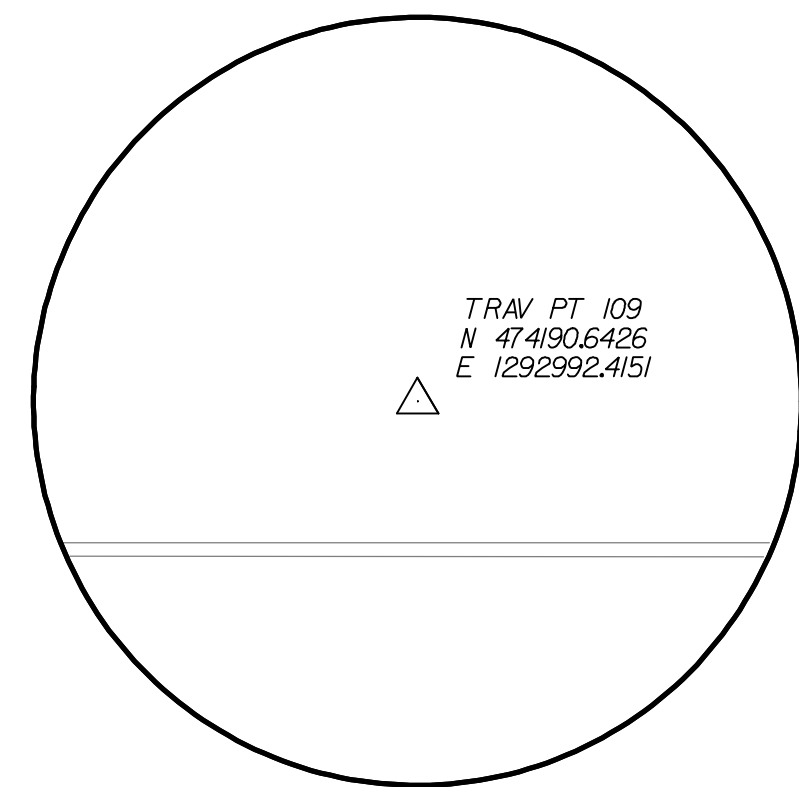
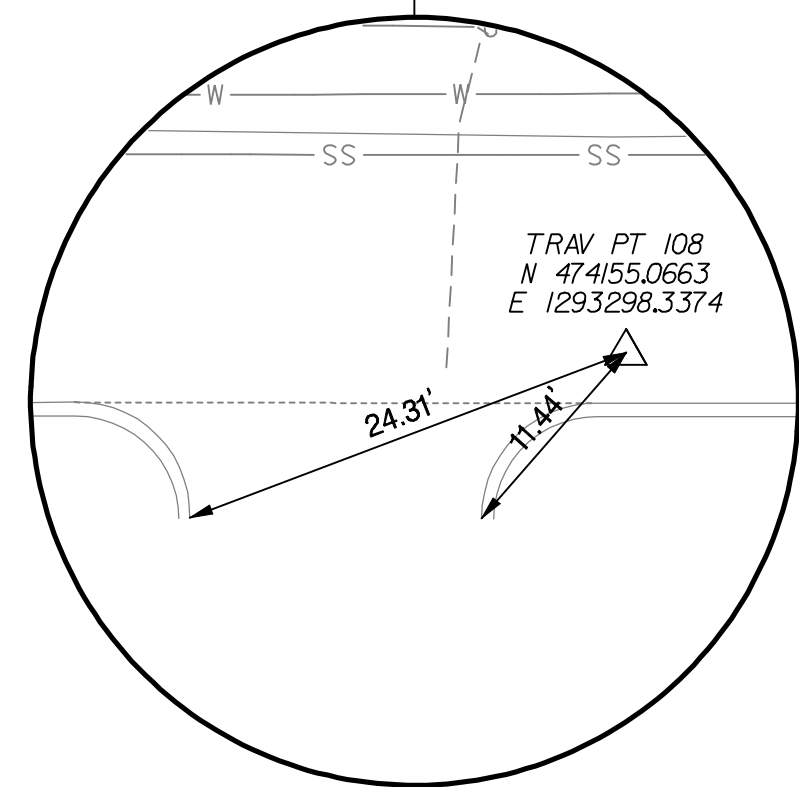
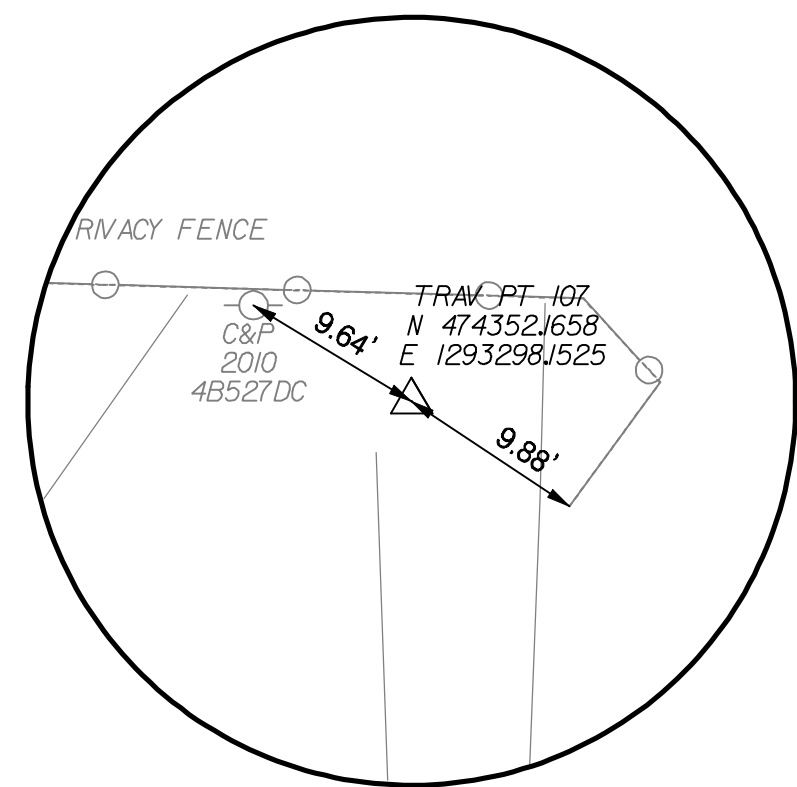
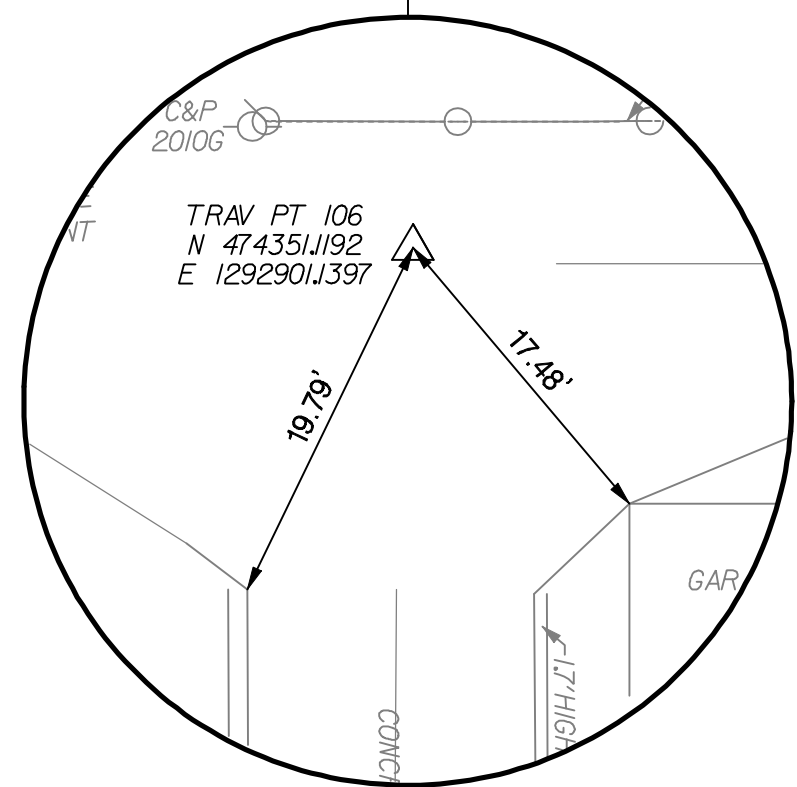
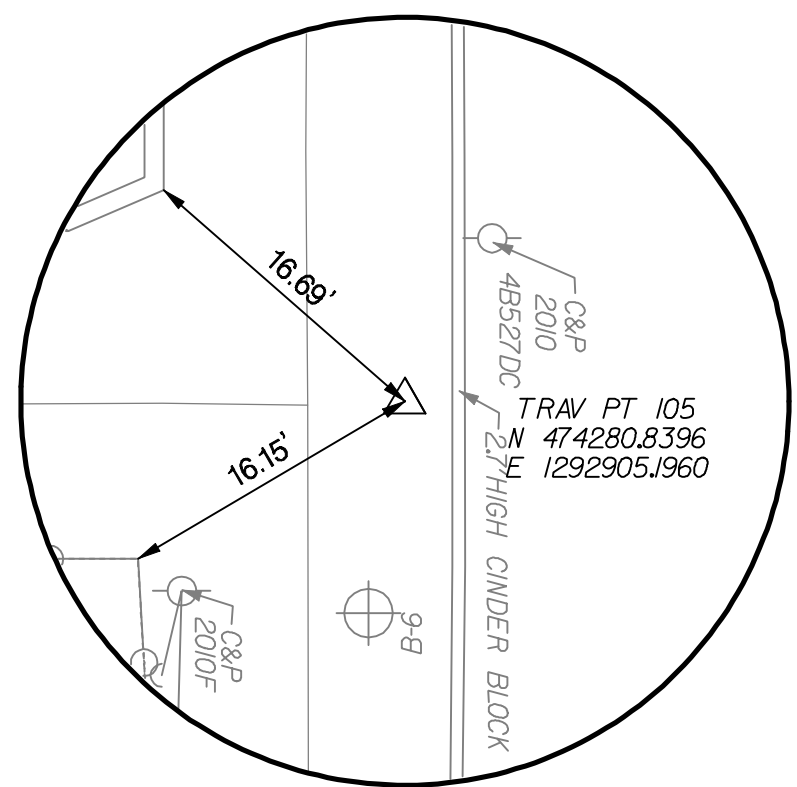
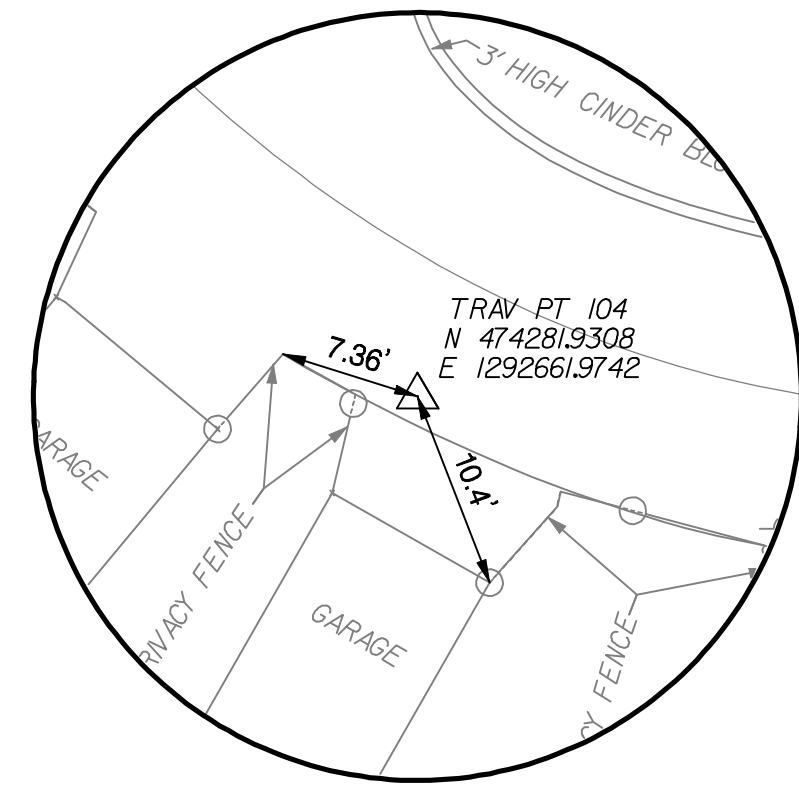
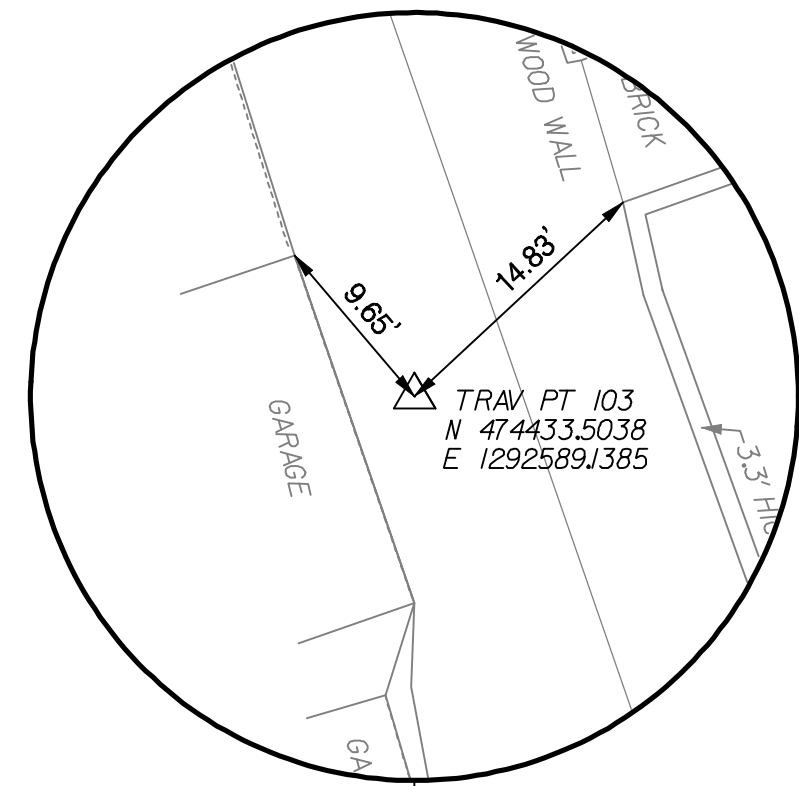
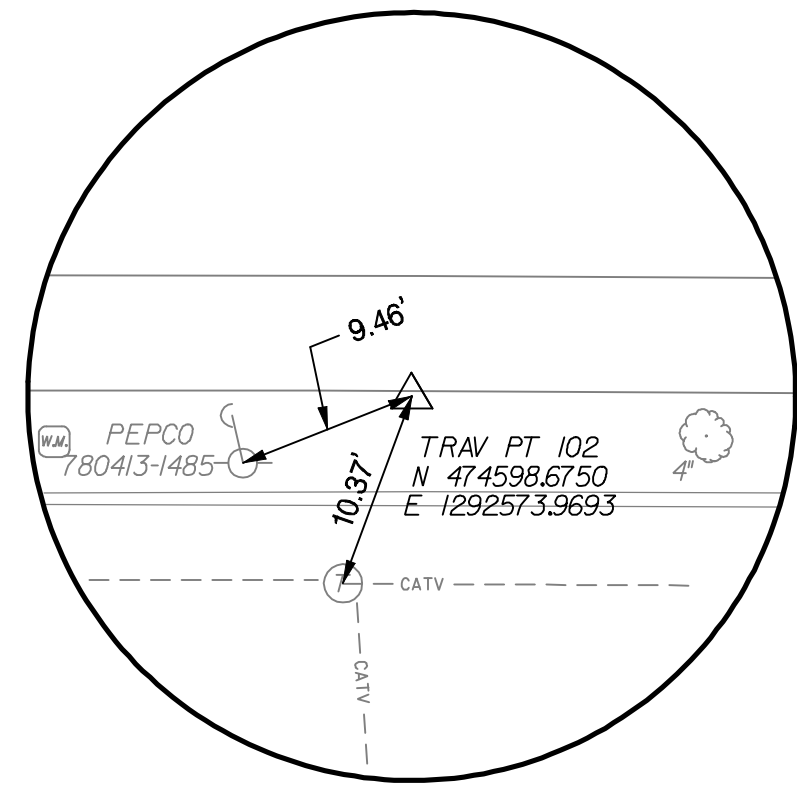
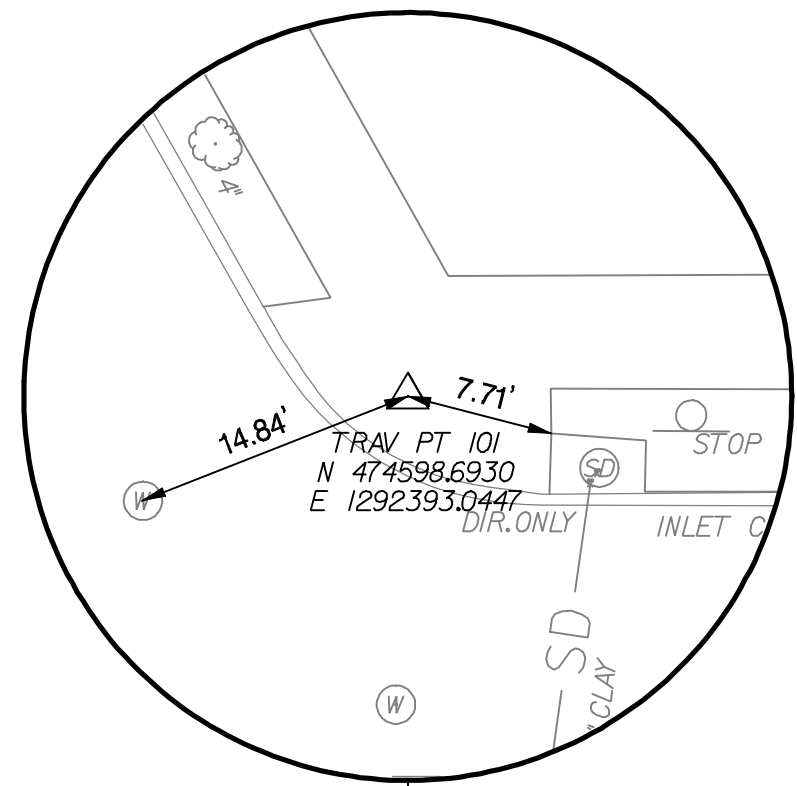
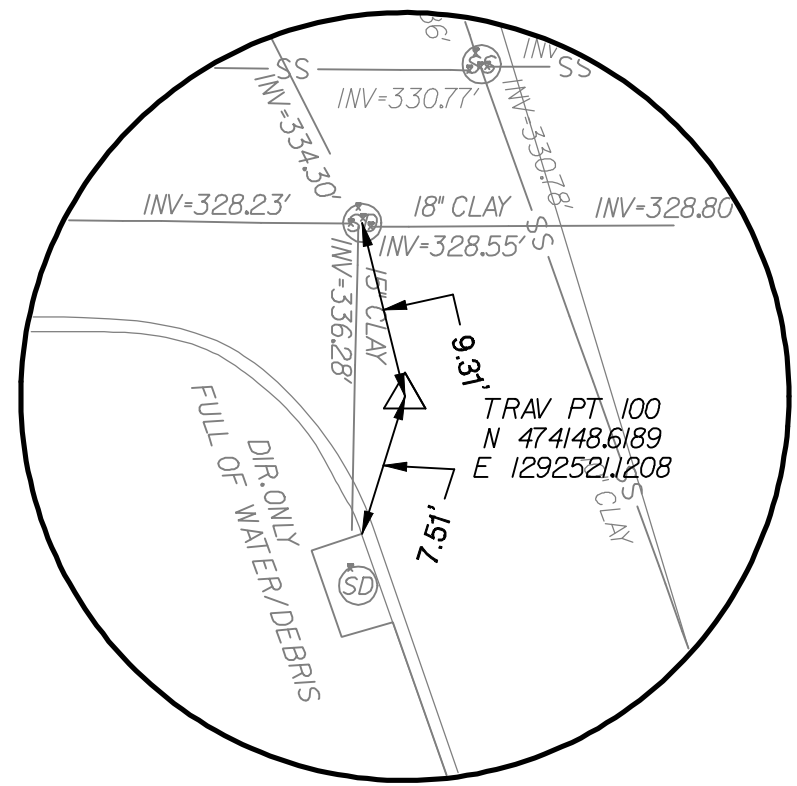


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DATE 09-23-2013	SCALE: 1" = 40'	GC-01
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CSH</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CSH</u> PROJECT MGR. <u>JMC</u>
GEOMETRIC LAYOUT AND CONTROL		DIVISION CHIEF DATE _____ FILE _____ SHEET 5 OF 57





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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 10'	CP-01
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CONTROL POINTS		DIVISION CHIEF DATE _____ FILE _____ SHEET 6 OF 57



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Tuesday, September 24, 2013 AT 09:51 AM



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	7	57

DATE 09-23-2013

SCALE: 1" = 10'

EC-01

d.

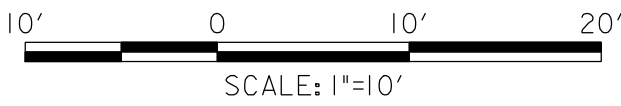
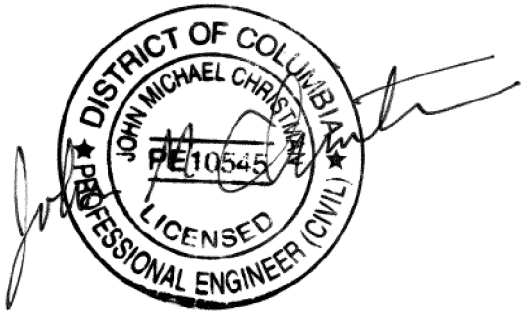
D.C. DEPARTMENT OF TRANSPORTATION  
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION  
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT  
CHEVY CHASE  
CONTRACT NO. DCKA-XXXX-X-XXXX

PROJECT ENG. JSZ  
DESIGNED BY CSH/CLK  
CHECKED BY JDM  
DRAWN BY CSH/CLK  
PROJECT MGR. JMC

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

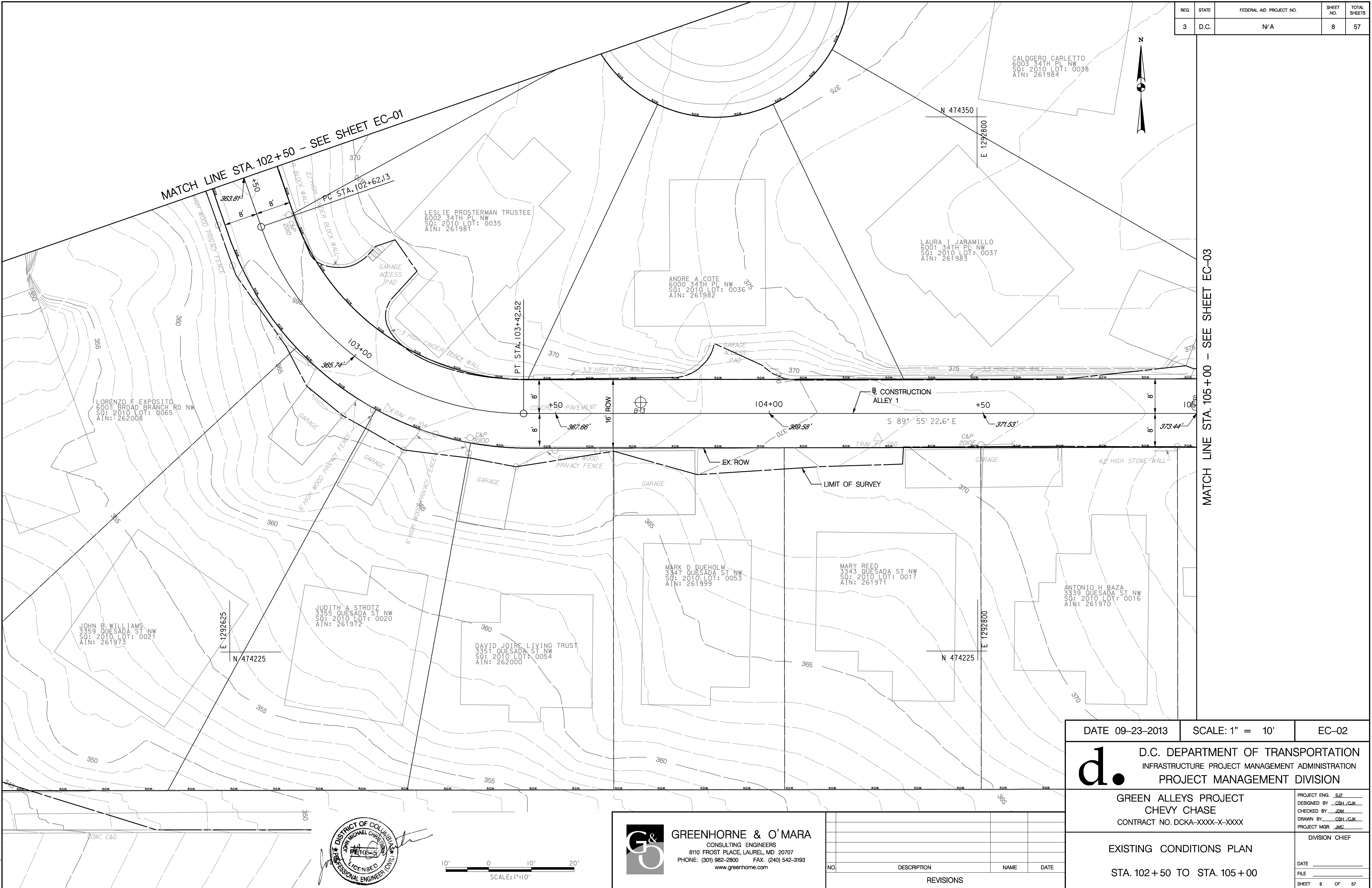
DIVISION CHIEF  
  
DATE \_\_\_\_\_  
FILE \_\_\_\_\_  
SHEET 7 OF 57



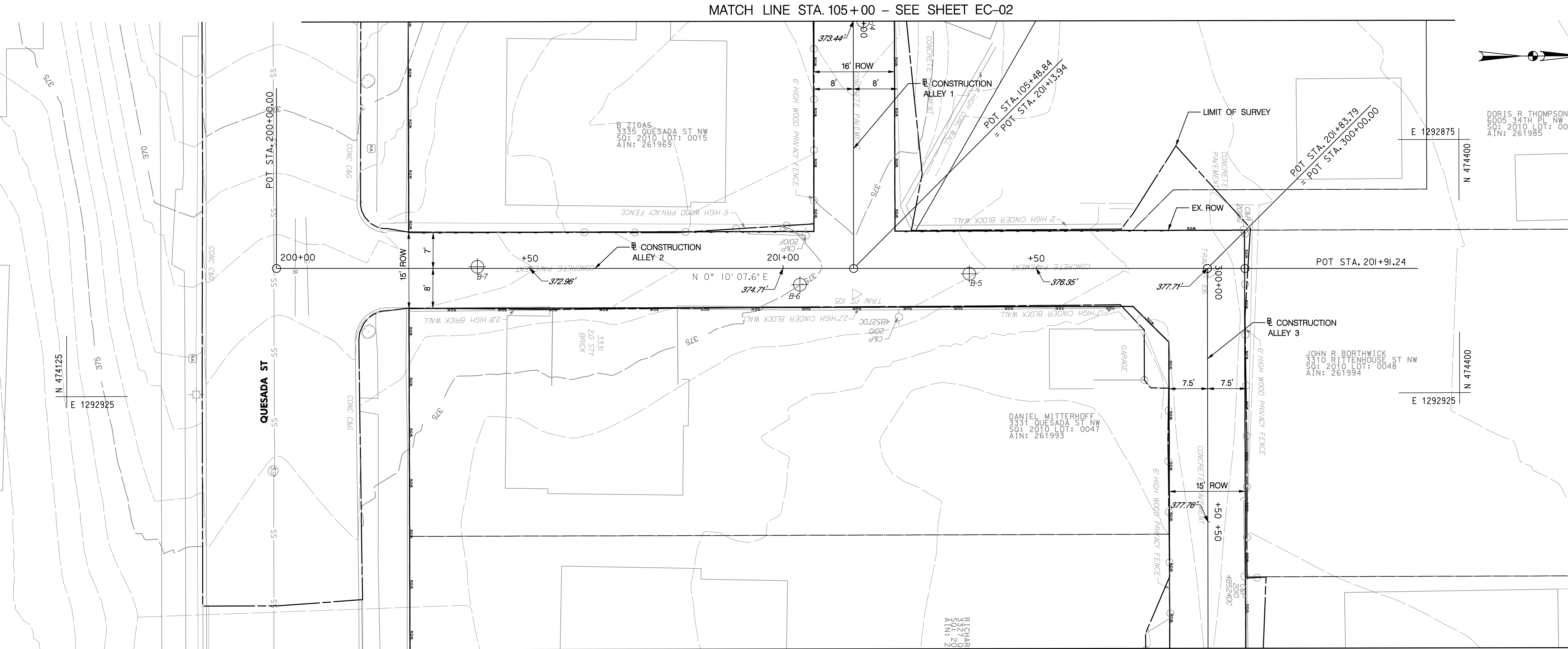
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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

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Tuesday, September 24, 2013 AT 09:51 AM

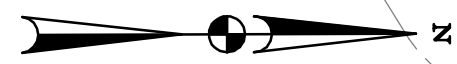






MATCH LINE STA. 105+00 – SEE SHEET EC-02

MATCH LINE STA. 300+75 – SEE SHEET EC-04

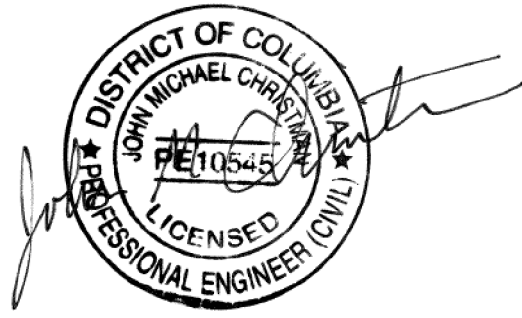


DORIS R. THOMPSON  
6005 34TH PL NW  
SQ: 2010 LOT: 0039  
AIN: 261985

JOHN R BORTHWICK  
3310 BITTENHOUSE ST NW  
SQ: 2010 LOT: 0048  
AIN: 261994

DANIEL MITTERHOFF  
3331 QUESADA ST NW  
SQ: 2010 LOT: 0047  
AIN: 261993

RICHARD  
3021 G  
SQ: 2010 LOT: 0042  
AIN: 261992



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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 10'	EC-03
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CSH/CLK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CSH/CLK</u> PROJECT MGR. <u>JMC</u>
EXISTING CONDITIONS PLAN  STA. 200+00 TO STA. 201+84		DIVISION CHIEF  DATE _____ FILE _____ SHEET 9 OF 57

U:\202503\049\006\_green\_alleys\Trans\cadd\Sheet Files\pEC-CHEV3\_GreenAlleys.dgn  
Tuesday, September 24, 2013 AT 09:51 AM

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Tuesday, September 24, 2013 AT 09:51 AM

MATCH LINE STA. 300 + 75 - SEE SHEET EC-03

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	10	57

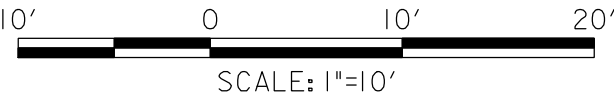
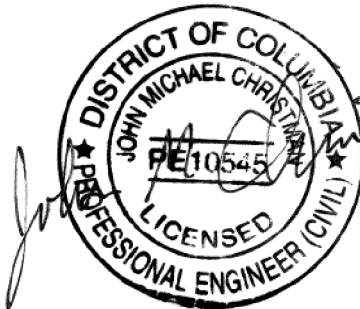
MATCH LINE STA. 303 + 75 - SEE SHEET EC-05

DATE 09-23-2013	SCALE: 1" = 10'	EC-04
<div><div>d.</div><div>D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION</div></div>		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>  SJZ  </u> DESIGNED BY <u>  CSH/CLK  </u> CHECKED BY <u>  JDM  </u> DRAWN BY <u>  CSH/CLK  </u> PROJECT MGR. <u>  JMC  </u>
EXISTING CONDITIONS PLAN  STA. 300 + 50 TO STA. 303 + 50		DIVISION CHIEF  DATE <u>          </u> FILE <u>          </u> SHEET 10 OF 57



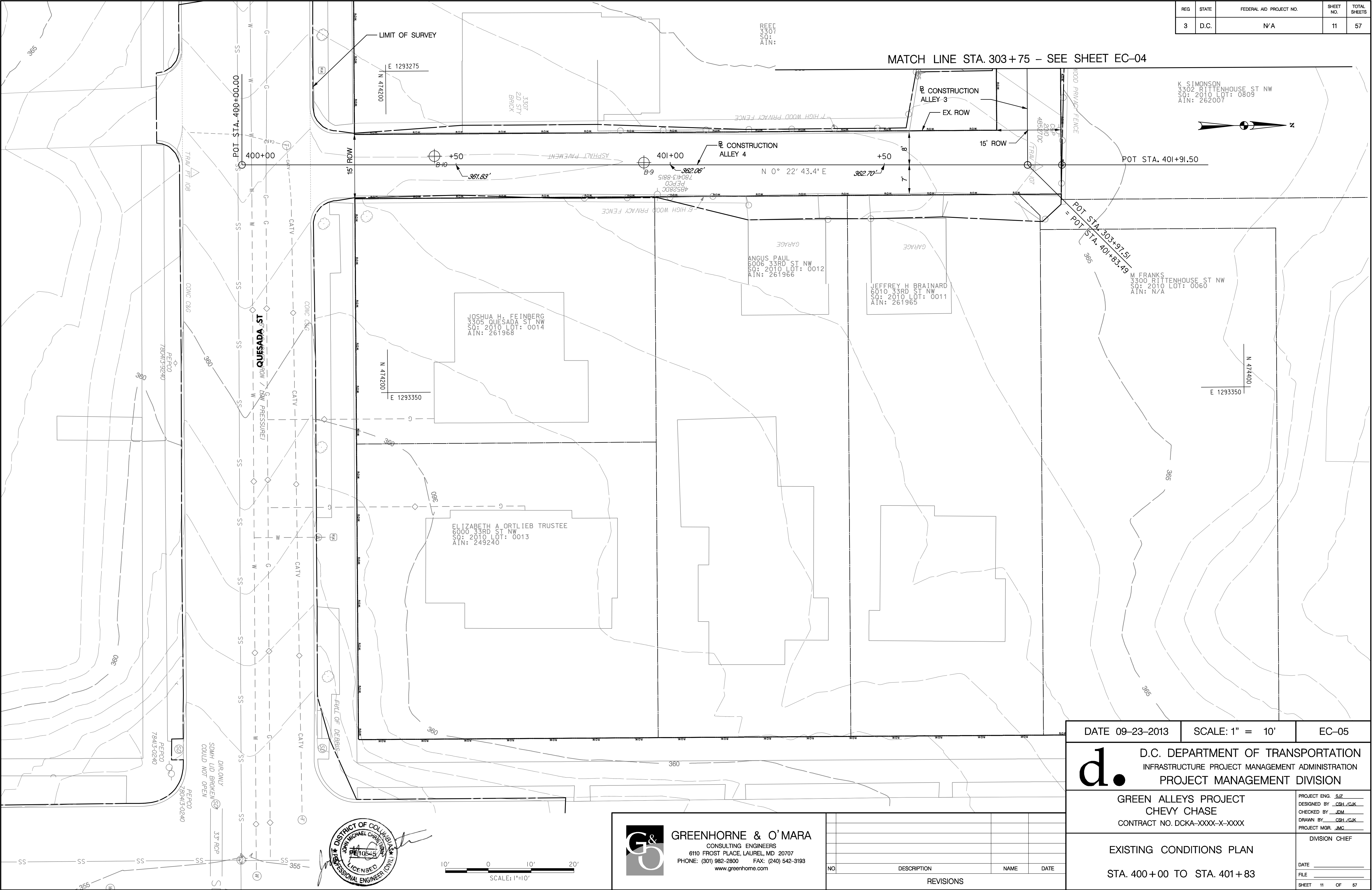
**GREENHORNE & O'MARA**  
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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

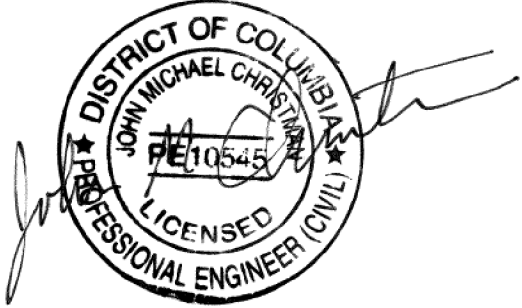




REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	11	57



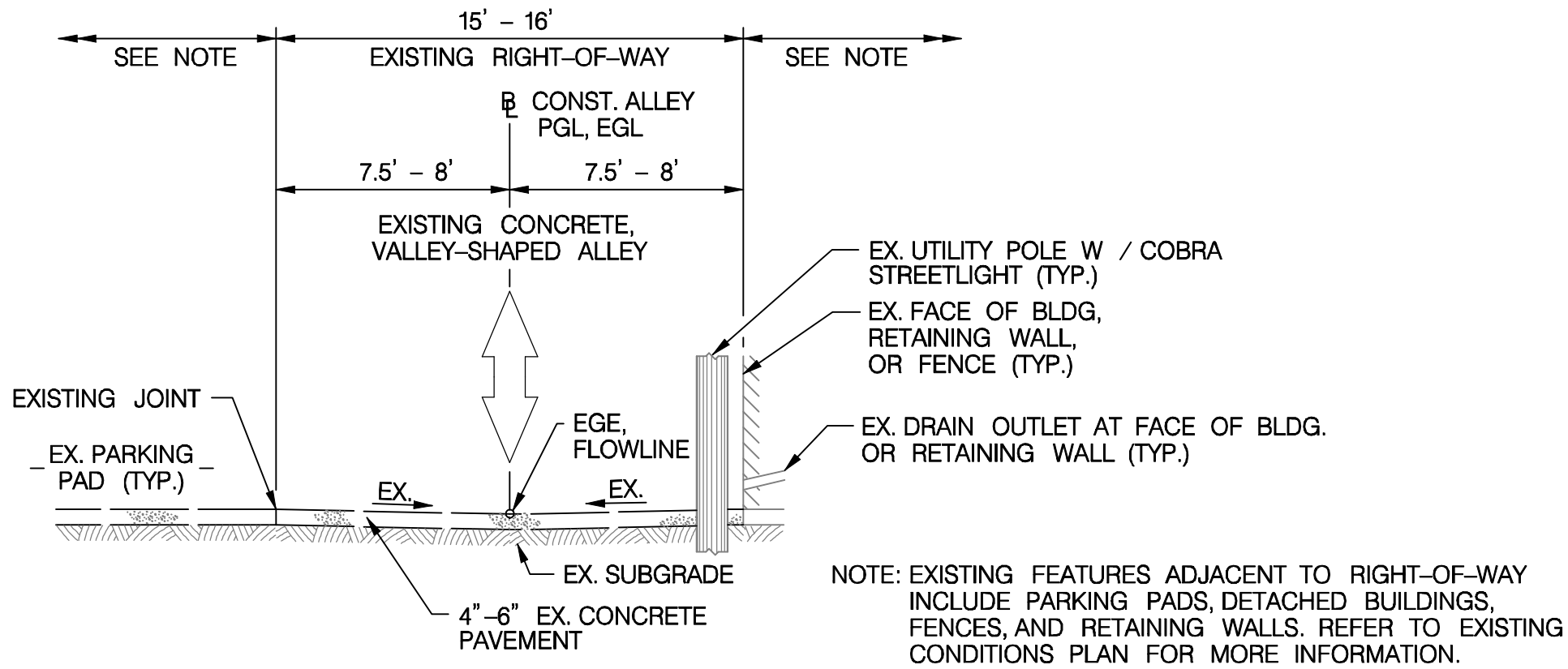
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Tuesday, September 24, 2013 AT 09:51 AM



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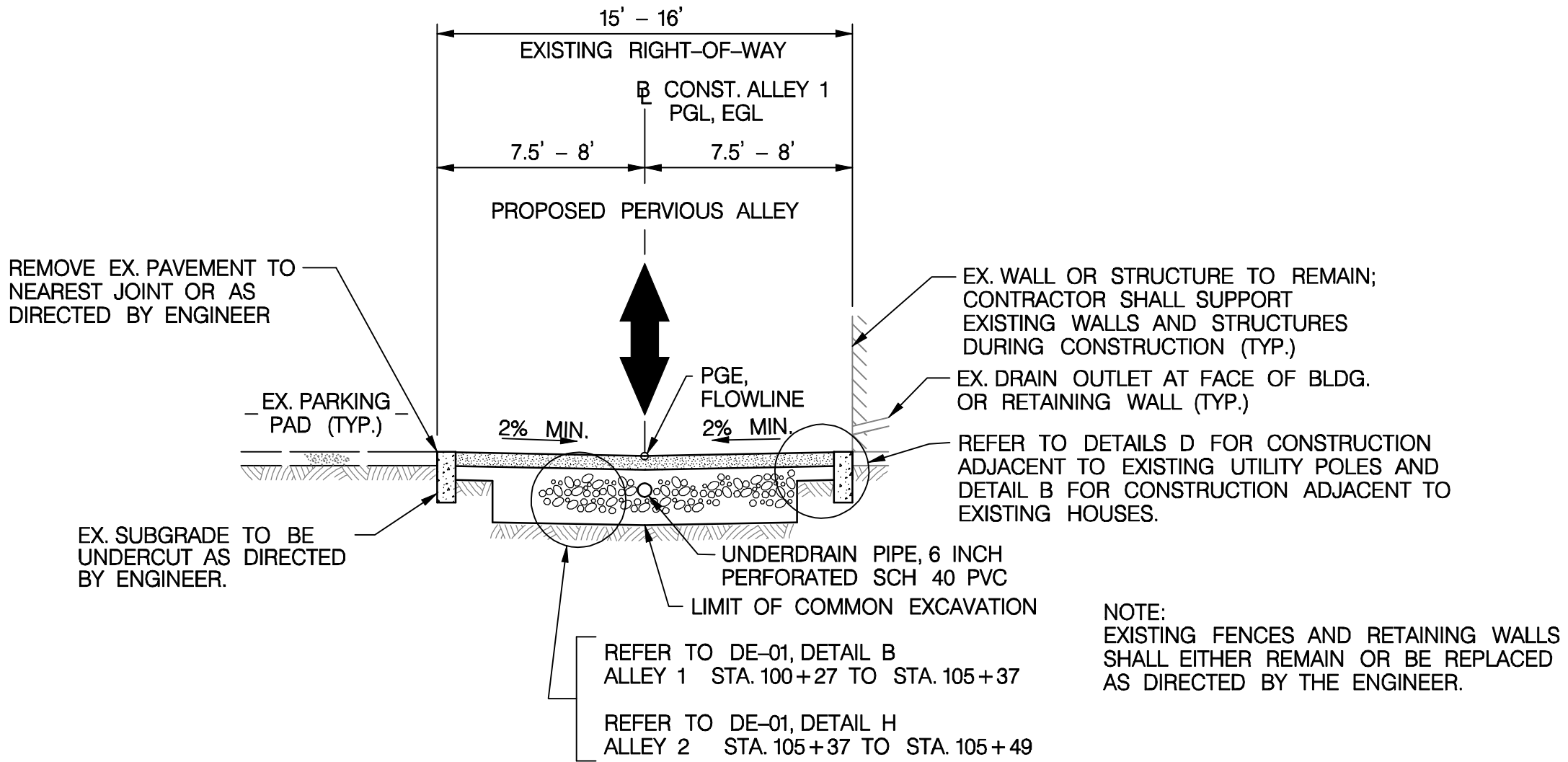
NO.	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 10'	EC-05
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>  SJZ  </u> DESIGNED BY <u>  CSH/CLK  </u> CHECKED BY <u>  JCM  </u> DRAWN BY <u>  CSH/CLK  </u> PROJECT MGR. <u>  JMC  </u>
EXISTING CONDITIONS PLAN  STA. 400+00 TO STA. 401+83		DIVISION CHIEF  DATE <u>          </u> FILE <u>          </u> SHEET 11 OF 57

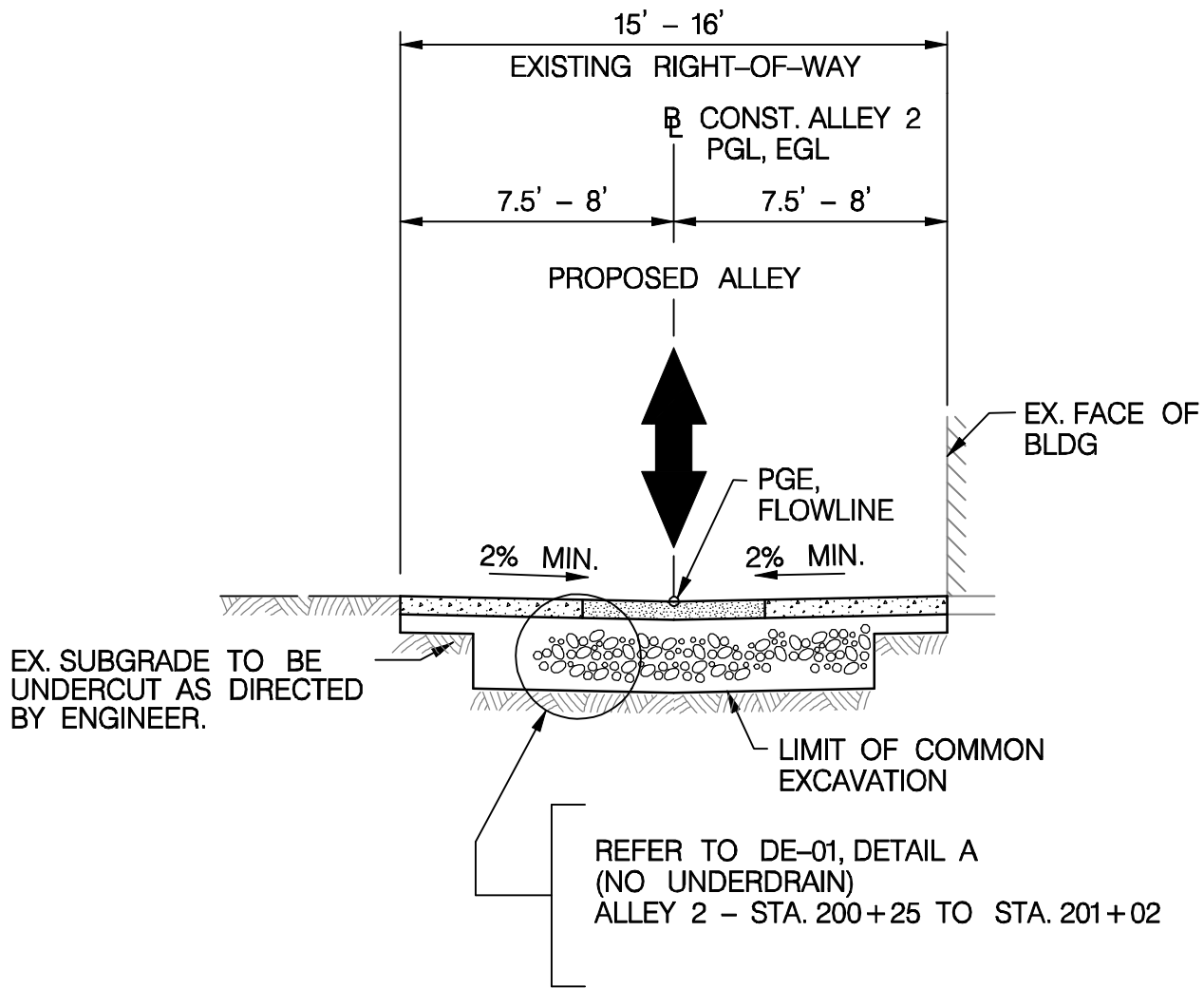


EXISTING TYPICAL SECTION  
CHEVY CHASE

- 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

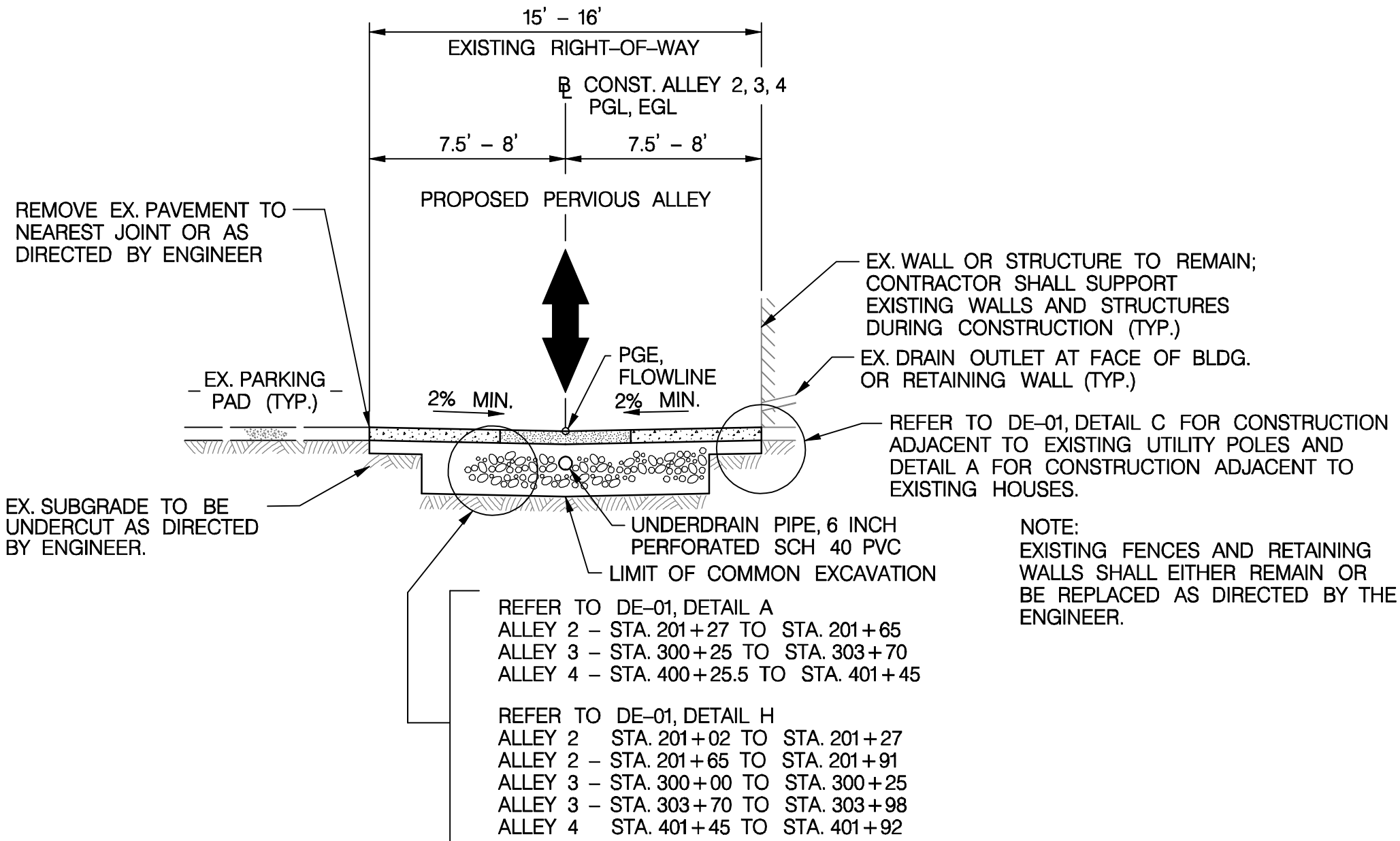


PROPOSED TYPICAL SECTION  
CHEVY CHASE - ALLEY 1



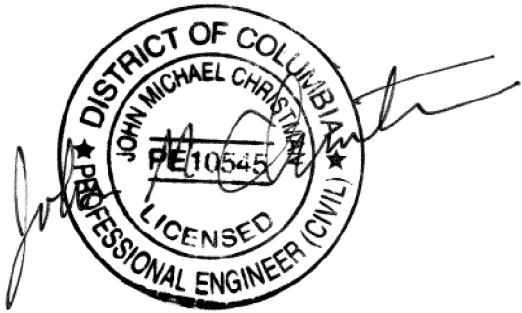
PROPOSED TYPICAL SECTION  
CHEVY CHASE - ALLEY 2

NOTE:  
PCC ALLEY (STD. 503.01) BETWEEN  
STA. 201+02 TO STA. 201+27



PROPOSED TYPICAL SECTION  
CHEVY CHASE - ALLEY 2, 3, 4

DATE 09-23-2013	SCALE: 1" = 5'	TS-01
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JDM</u> DRAWN BY <u>SJZ</u> PROJECT MGR. <u>JMC</u>
ROADWAY TYPICAL SECTIONS		DIVISION CHIEF
DATE _____		FILE _____
SHEET 12 OF 57		



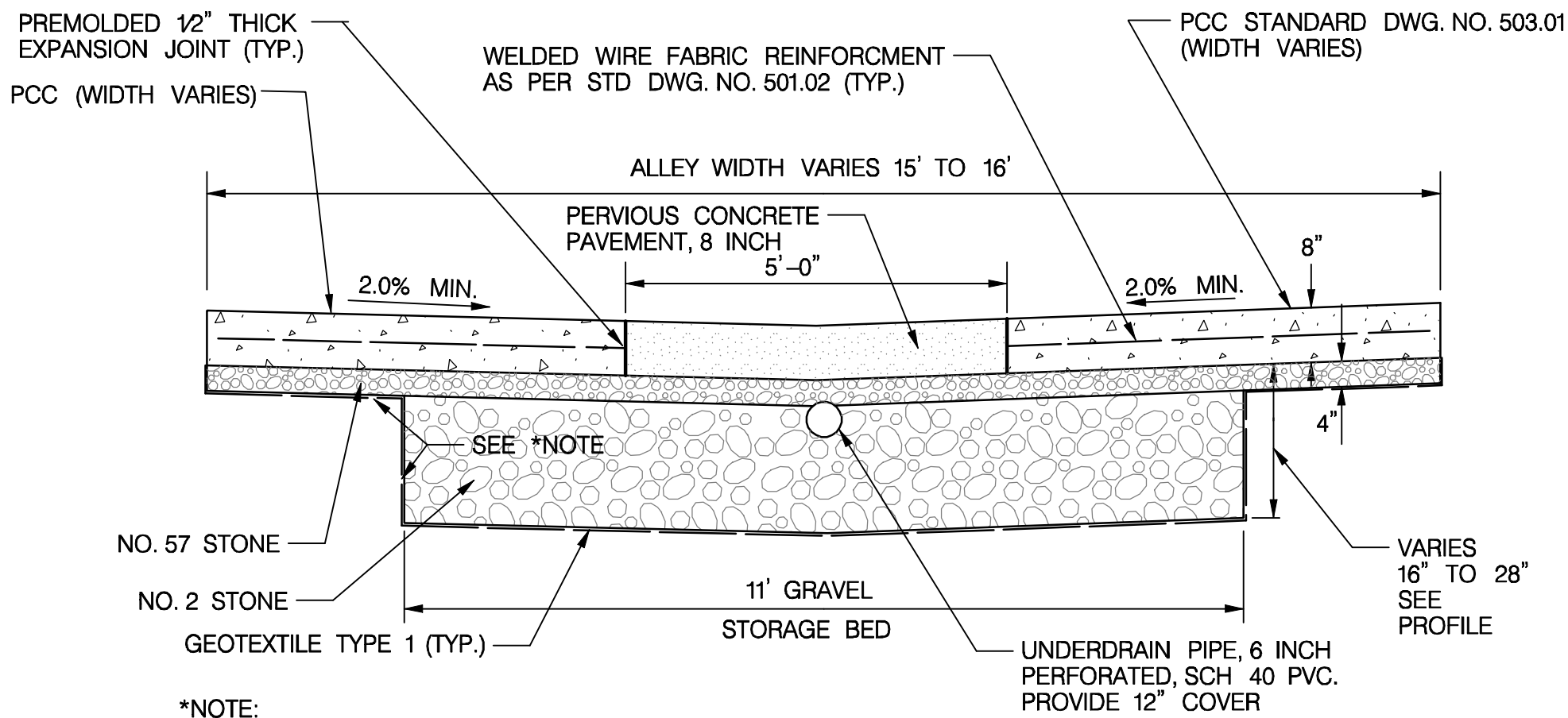
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NO	DESCRIPTION	NAME	DATE
REVISIONS			



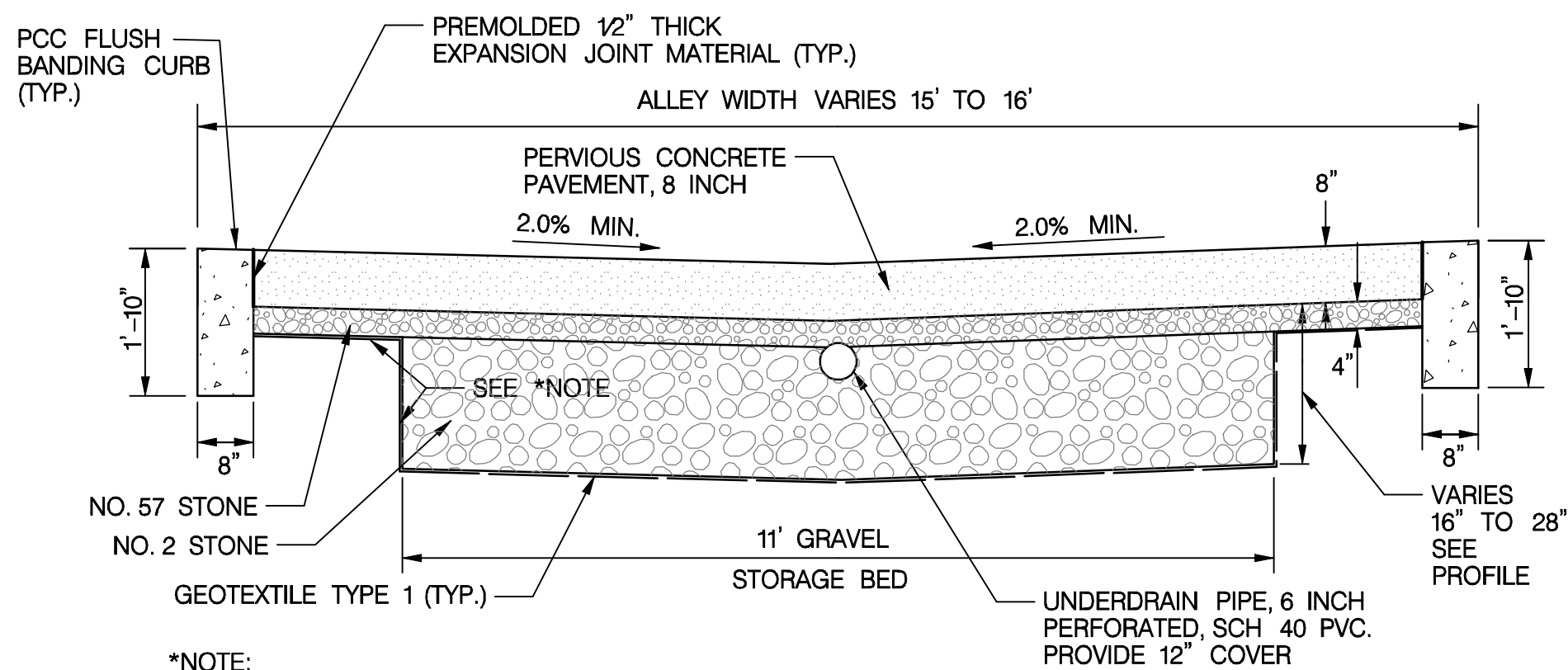
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Tuesday, September 24, 2013 AT 09:51 AM

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	13	57



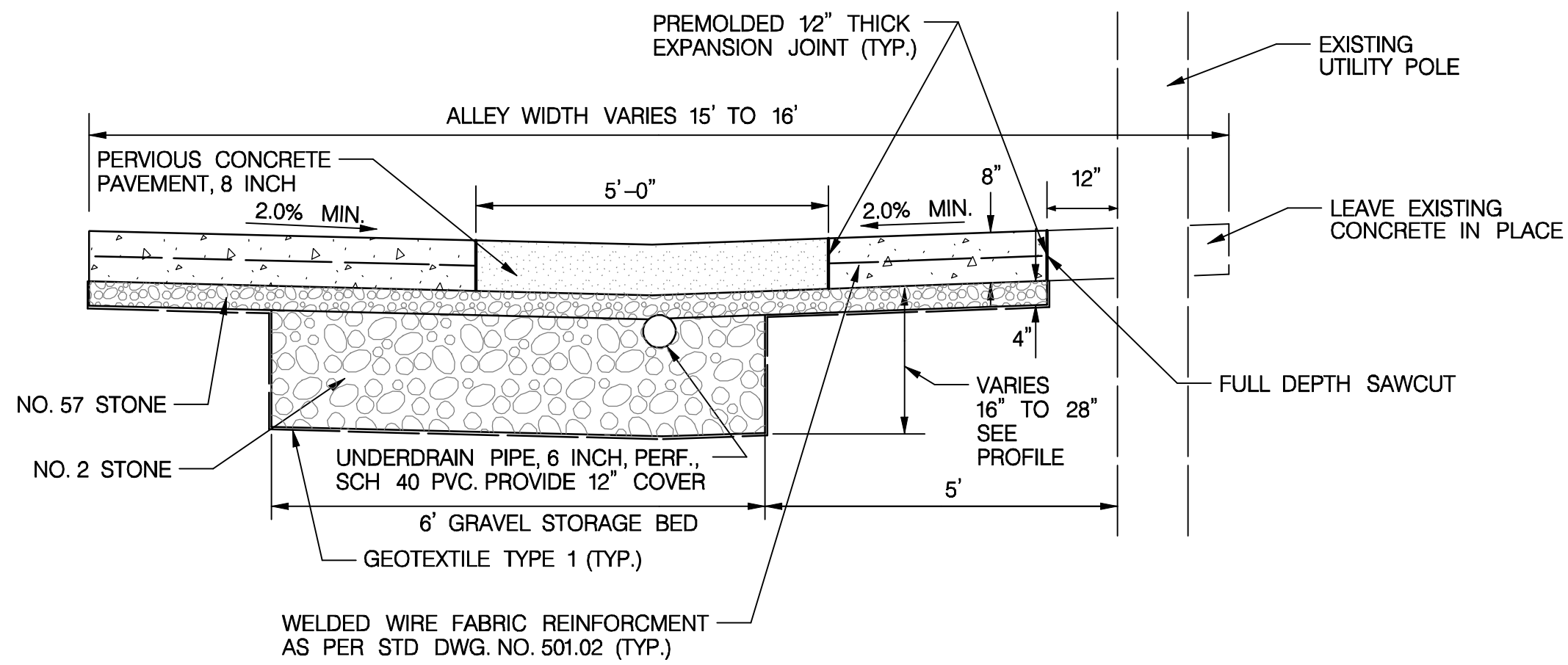
\*NOTE:  
PLACE WATERPROOFING MEMBRANE AS INDICATED WHEN ALLEY IS ADJACENT TO EXISTING HOUSE. WATERPROOFING MEMBRANE SHOULD EXTEND THE FULL LENGTH OF THE HOUSE & 10' ON EITHER SIDE OF THE HOUSE. FOR ALL OTHER LOCATIONS, UTILIZE GEOTEXTILE TYPE 1.

DETAIL A  
CHEVY CHASE (ALLEYS 2, 3 & 4)



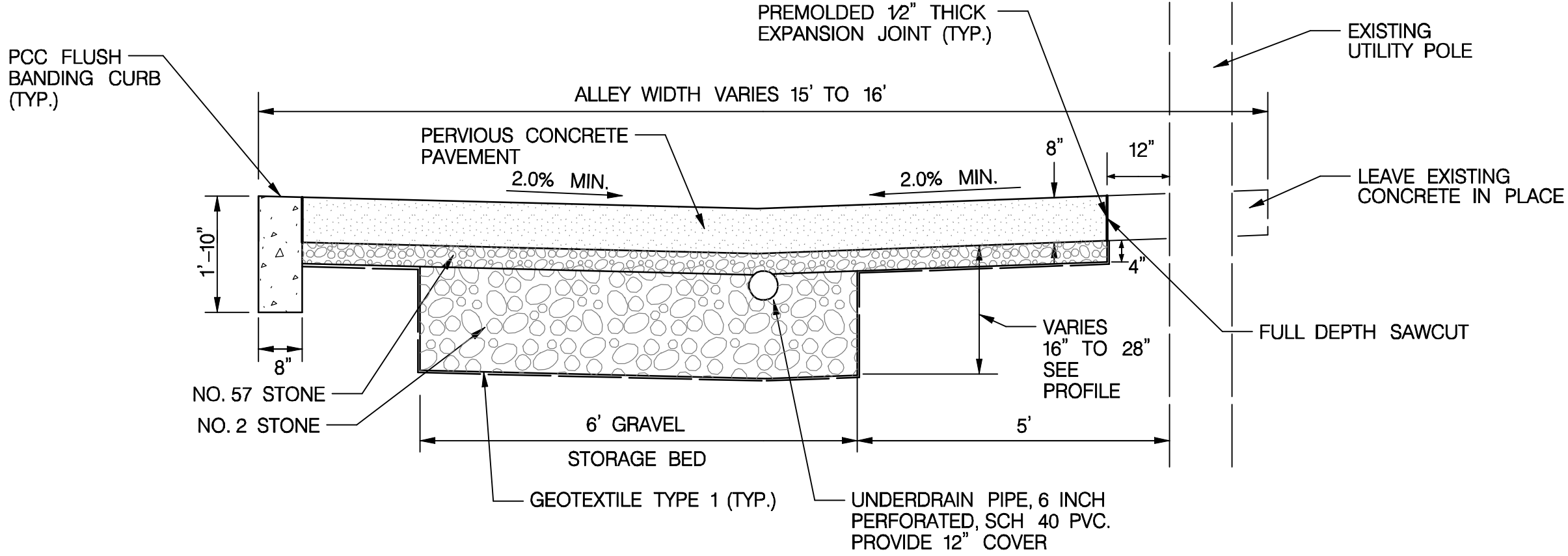
\*NOTE:  
PLACE WATERPROOFING MEMBRANE AS INDICATED WHEN ALLEY IS ADJACENT TO EXISTING HOUSE. WATERPROOFING MEMBRANE SHOULD EXTEND THE FULL LENGTH OF THE HOUSE & 10' ON EITHER SIDE OF THE HOUSE. FOR ALL OTHER LOCATIONS, UTILIZE GEOTEXTILE TYPE 1.

DETAIL B  
CHEVY CHASE (ALLEY 1)  
FULL WIDTH PERVIOUS PAVEMENT SECTION  
SCALE: 1" = 2'

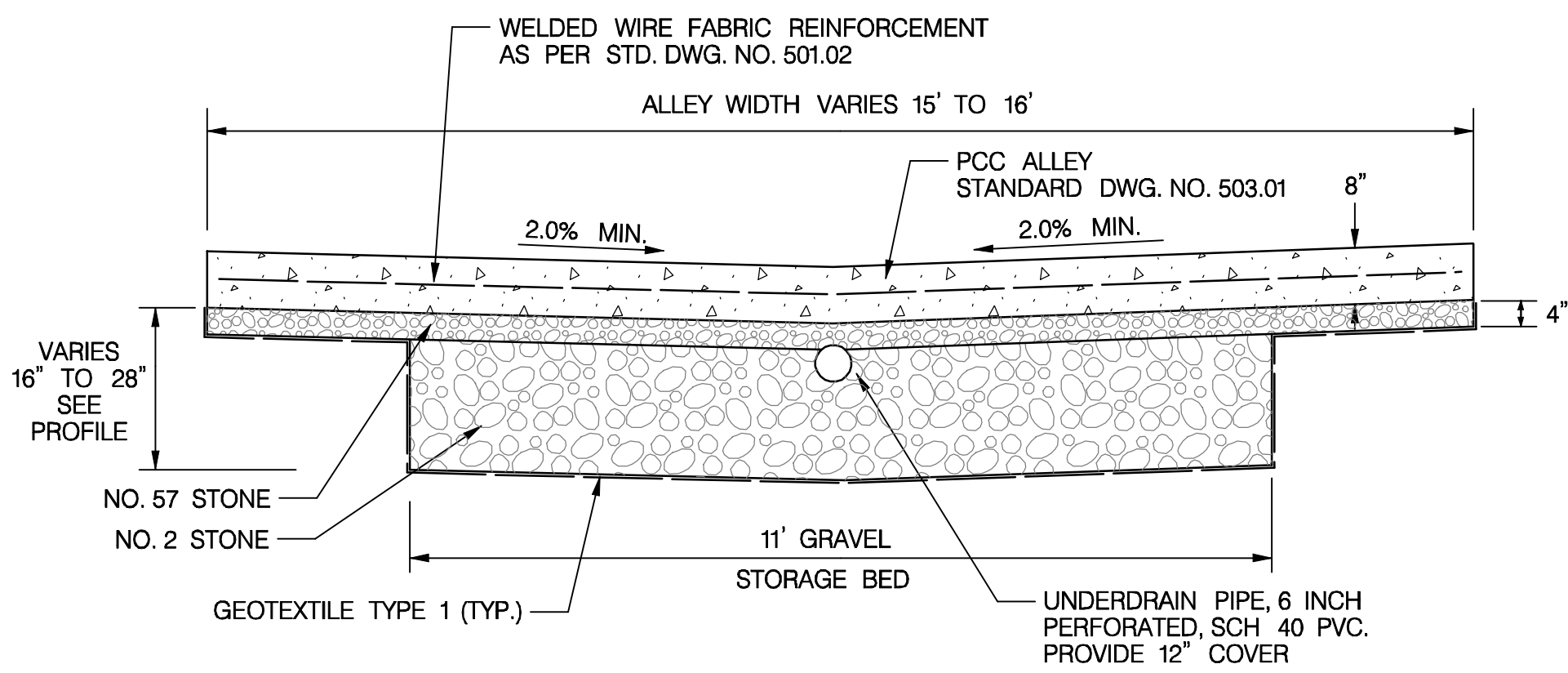


WELDED WIRE FABRIC REINFORCEMENT  
AS PER STD. DWG. NO. 501.02 (TYP.)

DETAIL C  
CHEVY CHASE (ALLEYS 2, 3 & 4)



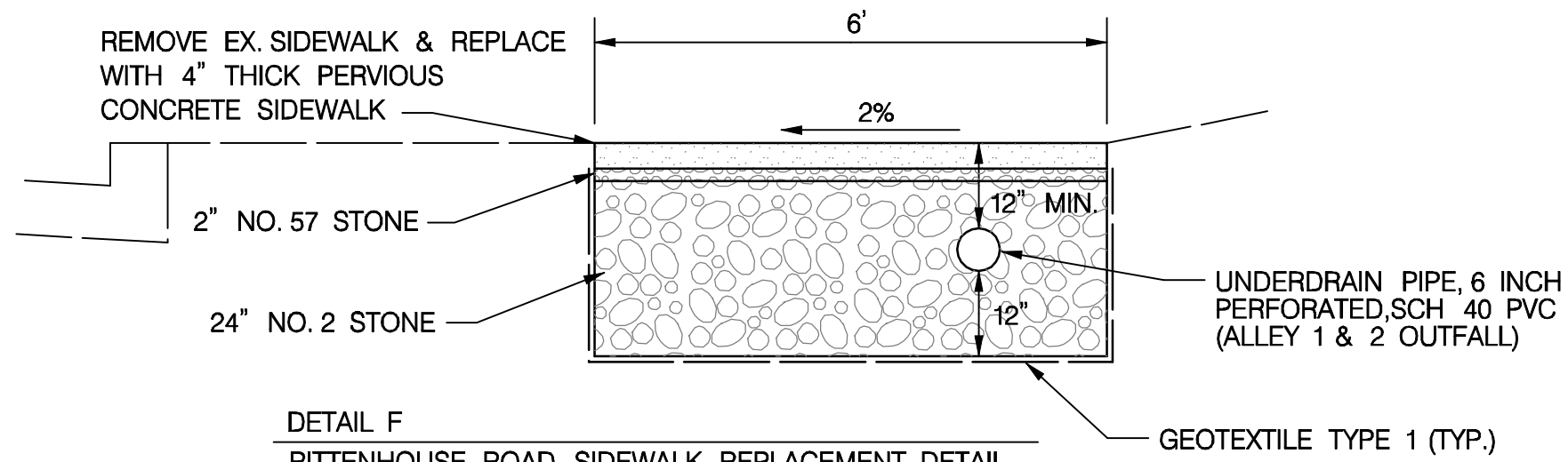
DETAIL D  
CHEVY CHASE (ALLEY 1)  
PARTIAL WIDTH PERVIOUS PAVEMENT SECTION  
ADJACENT TO EXISTING UTILITY POLE  
SCALE: 1" = 2'



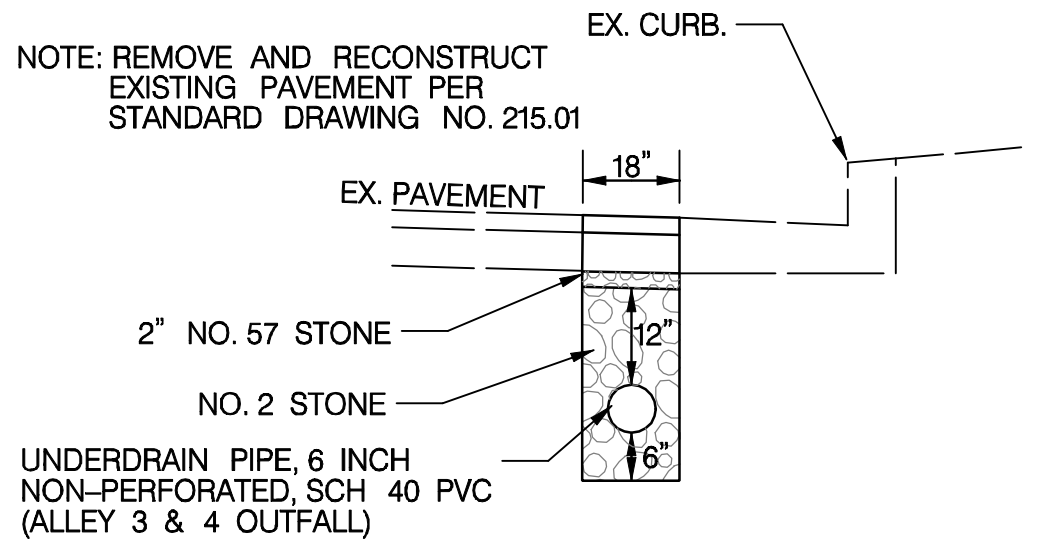
DETAIL H  
CHEVY CHASE  
FULL WIDTH PCC ALLEY  
SCALE: 1" = 2'

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.

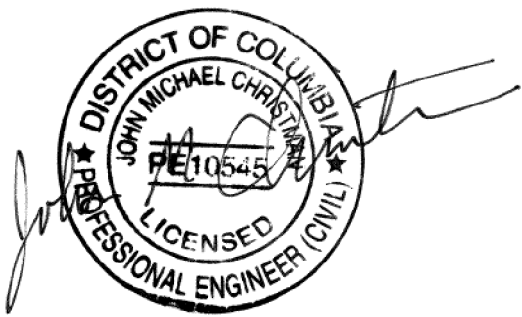


DETAIL F  
RITTENHOUSE ROAD SIDEWALK REPLACEMENT DETAIL



DETAIL G  
QUESADA STREET UNDERDRAIN OUTFALL DETAIL

DATE	09-23-2013	SCALE: AS SHOWN	DE-01
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION			
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX			PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JDM</u> DRAWN BY <u>RLP</u> PROJECT MGR. <u>JMC</u>
PAVEMENT DETAILS			DIVISION CHIEF
DATE			FILE
SHEET 13			OF 57

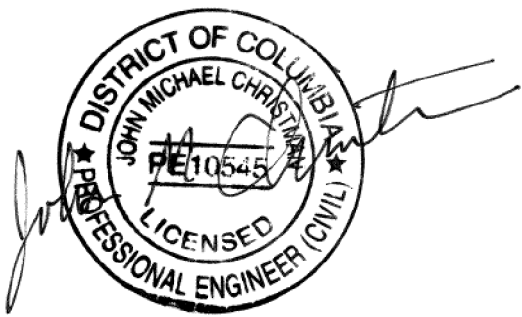
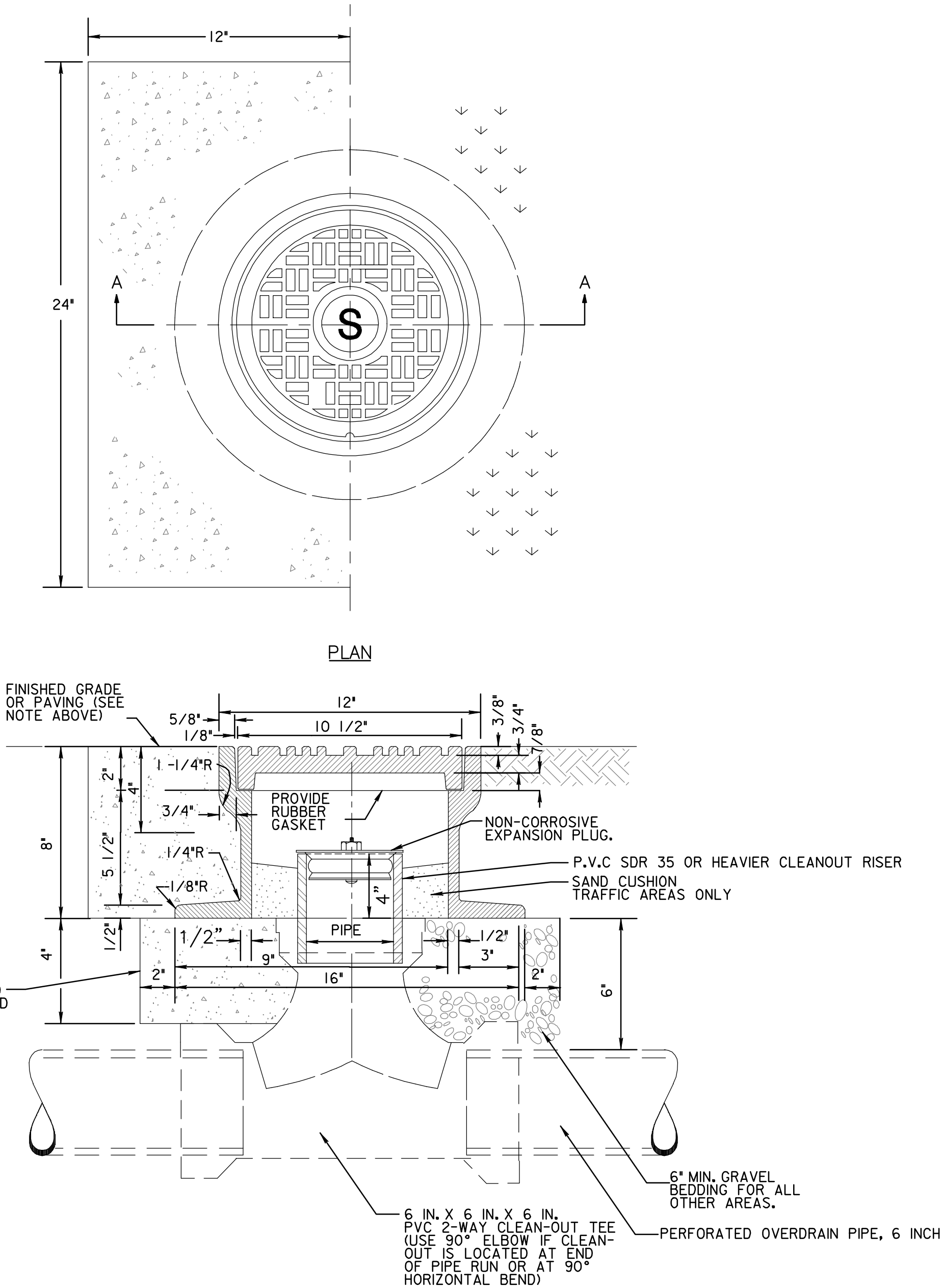



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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	14	57

NOTE: IN AREAS WITH VEHICULAR TRAFFIC THAT ARE NOT PAVED, PROVIDE 2'X2'X8" (H) SQUARE CONCRETE ENCASEMENT (F'10=3000 PSI@ 28 DAYS) AROUND THE FRAME.



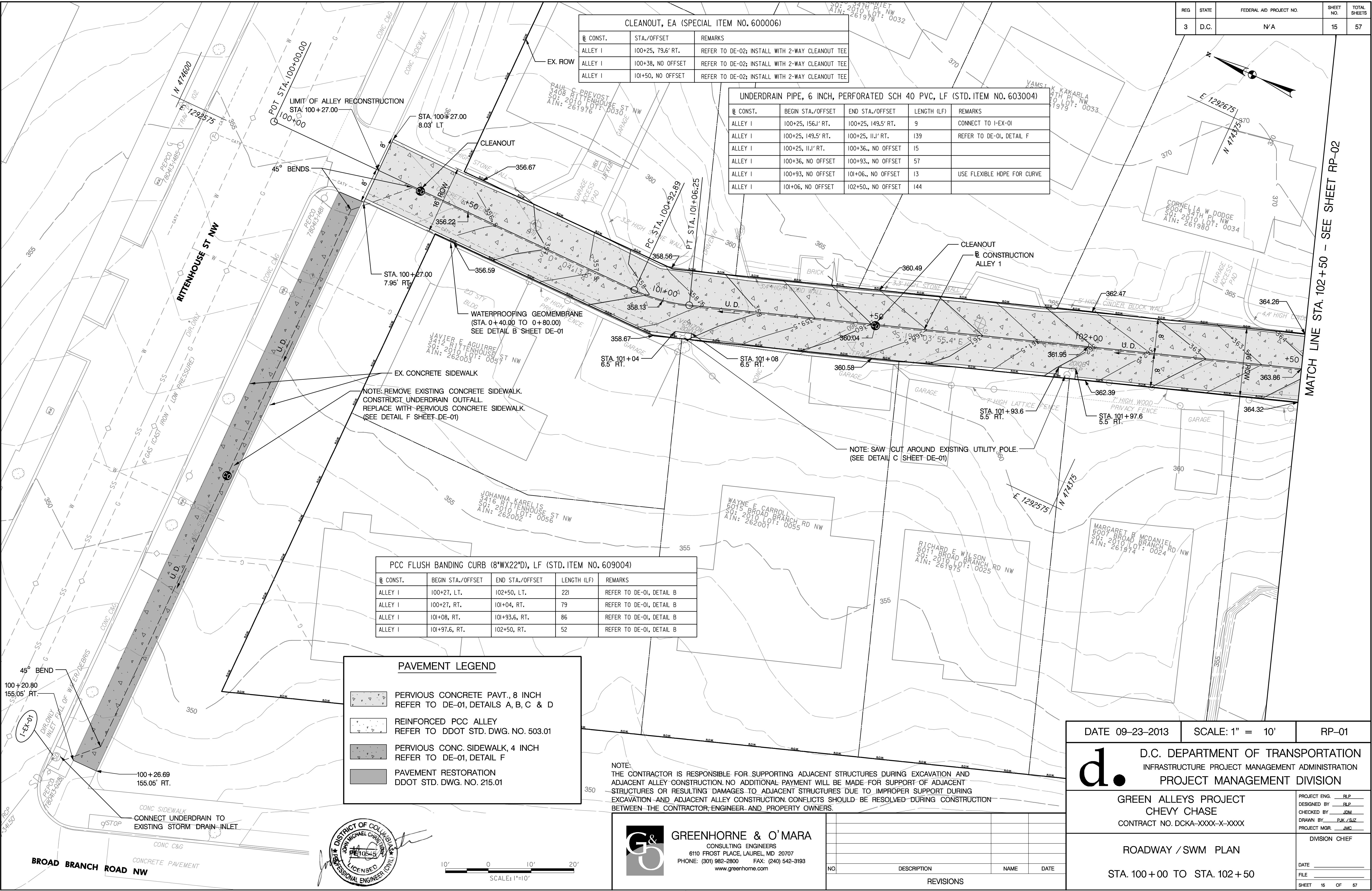
	GREENHORNE & O'MARA			
	CONSULTING ENGINEERS			
	6110 FROST PLACE, LAUREL, MD 20707			
	PHONE: (301) 982-2800 FAX: (240) 542-3193			
	www.greenhome.com			
	NO	DESCRIPTION	NAME	DATE
	REVISIONS			

DATE 09-23-2013	SCALE: N / A	DE-02
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP / S&amp;Z</u> CHECKED BY <u>JDM</u> DRAWN BY <u>PJK / S&amp;Z</u> PROJECT MGR. <u>JMC</u>
MISCELLANEOUS DETAILS		DIVISION CHIEF
		DATE _____
		FILE _____
		SHEET 14 OF 57

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Tuesday, September 24, 2013 AT 09:51 AM



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Tuesday, September 24, 2013 AT 09:51 AM



CLEANOUT, EA (SPECIAL ITEM NO. 600006)		
CONST.	STA./OFFSET	REMARKS
ALLEY I	100+25, 79.6' RT.	REFER TO DE-02; INSTALL WITH 2-WAY CLEANOUT TEE
ALLEY I	100+38, NO OFFSET	REFER TO DE-02; INSTALL WITH 2-WAY CLEANOUT TEE
ALLEY I	101+50, NO OFFSET	REFER TO DE-02; INSTALL WITH 2-WAY CLEANOUT TEE

UNDERDRAIN PIPE, 6 INCH, PERFORATED SCH 40 PVC, LF (STD. ITEM NO. 603004)				
CONST.	BEGIN STA./OFFSET	END STA./OFFSET	LENGTH (LF)	REMARKS
ALLEY I	100+25, 156.1' RT.	100+25, 149.5' RT.	9	CONNECT TO I-EX-01
ALLEY I	100+25, 149.5' RT.	100+25, 111.1' RT.	139	REFER TO DE-01, DETAIL F
ALLEY I	100+25, 111.1' RT.	100+36., NO OFFSET	15	
ALLEY I	100+36, NO OFFSET	100+93., NO OFFSET	57	
ALLEY I	100+93, NO OFFSET	101+06., NO OFFSET	13	USE FLEXIBLE HDPE FOR CURVE
ALLEY I	101+06, NO OFFSET	102+50., NO OFFSET	144	

PCC FLUSH BANDING CURB (8'WX22'D), LF (STD. ITEM NO. 609004)				
CONST.	BEGIN STA./OFFSET	END STA./OFFSET	LENGTH (LF)	REMARKS
ALLEY I	100+27, LT.	102+50, LT.	221	REFER TO DE-01, DETAIL B
ALLEY I	100+27, RT.	101+04, RT.	79	REFER TO DE-01, DETAIL B
ALLEY I	101+08, RT.	101+93.6, RT.	86	REFER TO DE-01, DETAIL B
ALLEY I	101+97.6, RT.	102+50, RT.	52	REFER TO DE-01, DETAIL B

PAVEMENT LEGEND	
	PERVIOUS CONCRETE PAVT., 8 INCH REFER TO DE-01, DETAILS A, B, C & D
	REINFORCED PCC ALLEY REFER TO DDOT STD. DWG. NO. 503.01
	PERVIOUS CONC. SIDEWALK, 4 INCH REFER TO DE-01, DETAIL F
	PAVEMENT RESTORATION DDOT STD. DWG. NO. 215.01

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 RESOLVED DURING CONSTRUCTION BETWEEN THE CONTRACTOR, ENGINEER AND PROPERTY OWNERS.



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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013SCALE: 1" = 10'RP-01

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

GREEN ALLEYS PROJECT  
CHEVY CHASE  
CONTRACT NO. DCKA-XXXX-X-XXXX


PROJECT ENG. RLP  
DESIGNED BY RLP  
CHECKED BY JDM  
DRAWN BY PJK / SZ  
PROJECT MGR. JMC

ROADWAY / SWM PLAN  
  
STA. 100 + 00 TO STA. 102 + 50

DIVISION CHIEF  
  
DATE \_\_\_\_\_  
FILE \_\_\_\_\_  
SHEET 15 OF 57

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	16	57



DATE 09-23-2013	SCALE: 1" = 10'	RP-02
 <div style="text-align: center;"> <h1>D.C. DEPARTMENT OF TRANSPORTATION</h1> <h2>INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</h2> <h3>PROJECT MANAGEMENT DIVISION</h3> </div>		
<p>GREEN ALLEYS PROJECT</p> <p>CHEVY CHASE</p> <p>CONTRACT NO. DCKA-XXXX-X-XXXX</p>		<p>PROJECT ENG. <u>RLP</u></p> <p>DESIGNED BY <u>RLP</u></p> <p>CHECKED BY <u>JDM</u></p> <p>DRAWN BY <u>PJK /SZ</u></p> <p>PROJECT MGR. <u>JMC</u></p>
<p>ROADWAY / SWM PLAN</p> <p>STA. 102 + 50 TO STA. 105 + 00</p>		<p>DIVISION CHIEF</p> <p>DATE _____</p> <p>FILE _____</p> <p>SHEET 16 OF 57</p>



NO.	DESCRIPTION	NAME	DATE
REVISIONS			





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Tuesday, September 24, 2013 AT 09:52 AM

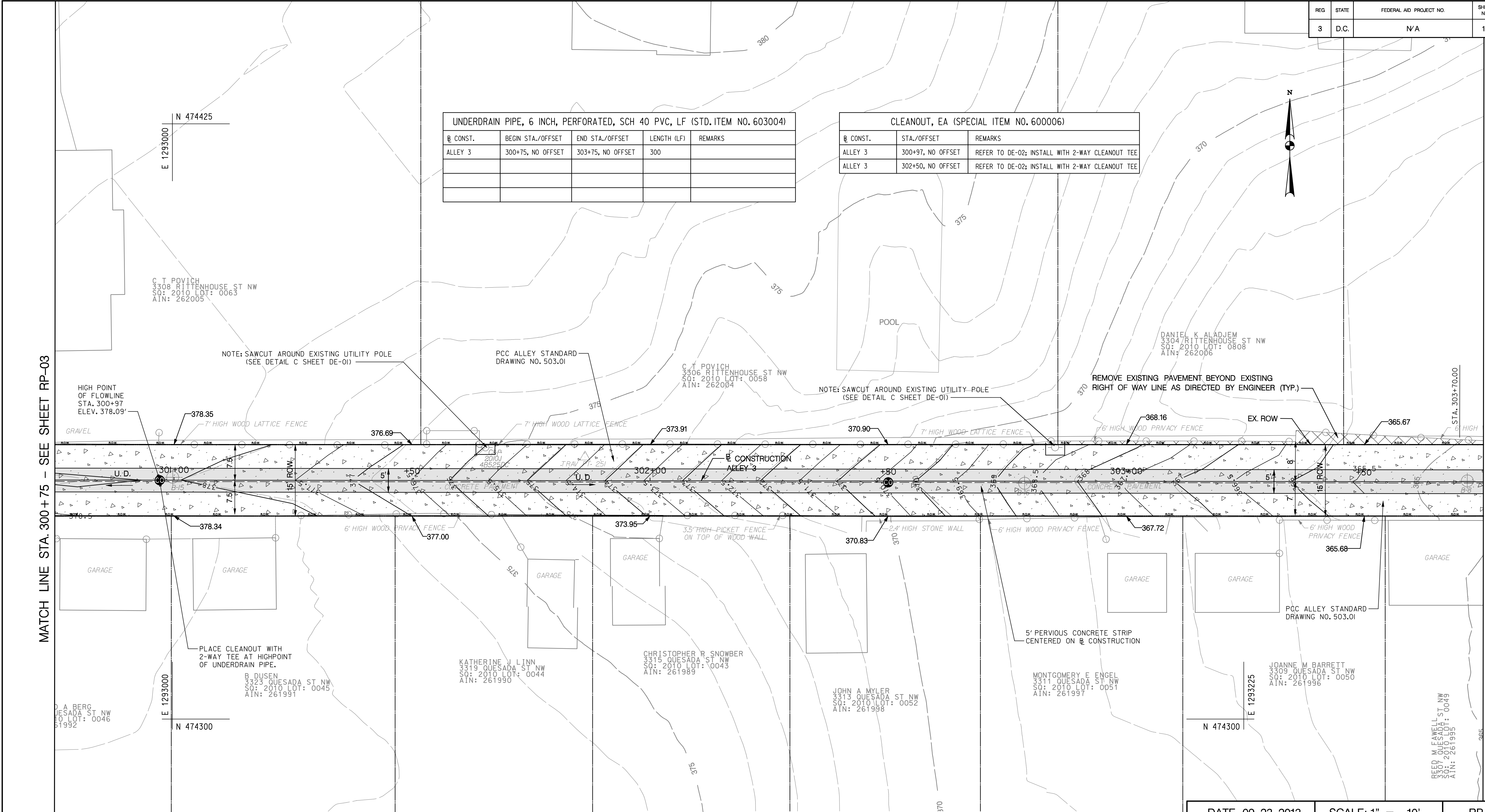
MATCH LINE STA. 300+75 - SEE SHEET RP-03

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

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	18	57

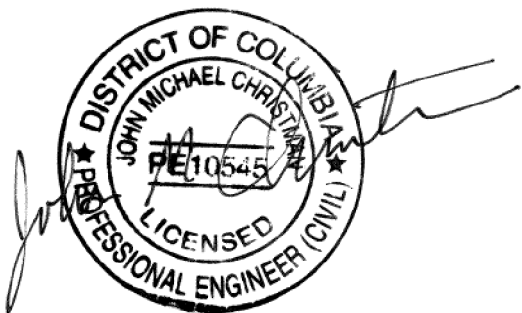
UNDERDRAIN PIPE, 6 INCH, PERFORATED, SCH 40 PVC, LF (STD. ITEM NO. 603004)				
B CONST.	BEGIN STA./OFFSET	END STA./OFFSET	LENGTH (LF)	REMARKS
ALLEY 3	300+75, NO OFFSET	303+75, NO OFFSET	300	

CLEANOUT, EA (SPECIAL ITEM NO. 600006)		
B CONST.	STA./OFFSET	REMARKS
ALLEY 3	300+97, NO OFFSET	REFER TO DE-02; INSTALL WITH 2-WAY CLEANOUT TEE
ALLEY 3	302+50, NO OFFSET	REFER TO DE-02; INSTALL WITH 2-WAY CLEANOUT TEE



PAVEMENT LEGEND

- PERVIOUS CONCRETE PAVT., 8 INCH  
REFER TO DE-01, DETAILS A, B, C & D
- REINFORCED PCC ALLEY  
REFER TO DDOT STD. DWG. NO. 503.01
- PERVIOUS CONC. SIDEWALK, 4 INCH  
REFER TO DE-01, DETAIL F
- PAVEMENT RESTORATION  
DDOT STD. DWG. NO. 215.01



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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NO.	DESCRIPTION	NAME	DATE
	REVISIONS		

DATE 09-23-2013 SCALE: 1" = 10' RP-04

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

GREEN ALLEYS PROJECT  
CHEVY CHASE  
CONTRACT NO. DCKA-XXXX-X-XXXX

ROADWAY / SWM PLAN

STA. 300+50 TO STA. 303+50

PROJECT ENG. RLP  
DESIGNED BY RLP  
CHECKED BY JDM  
DRAWN BY PK/SZ  
PROJECT MGR. JMC

DIVISION CHIEF

DATE \_\_\_\_\_  
FILE \_\_\_\_\_  
SHEET 18 OF 57



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	19	57

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

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

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

CLEANOUT

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

E 1293350 | N 474400

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.

— WATERPROOFING GEOMEMBRANE  
(STA. 400+41 TO 401+09)  
SEE DETAIL A SHEET DE-01

REEL  
3307  
SQ:  
AIN:

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

—PCC ALLEY  
STANDARD DRAWING  
NO. 503.01





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

REPLACE DRIVEWAY-ALLEY ENTRANCE, 6 INCH, SY (STD. ITEM NO. 505022)				
® CONST.	BEGIN STA.	END STA.	SY	REMARKS
ALLEY 4	400+16	400+25	18	STD. DETAIL 504.01

UNDERDRAIN PIPE, 6 INCH, PERFORATED, SCH 40 PVC, LF (STD. ITEM NO. 603004)				
® CONST.	BEGIN STA./OFFSET	END STA./OFFSET	LENGTH (LF)	REMARKS
ALLEY 3	303+75, NO OFFSET	303+98, NO OFFSET	23	
ALLEY 4	400+25, NO OFFSET	401+84, NO OFFSET	159	

UNDERDRAIN PIPE, 6 INCH, NON-PERFORATED, SCH 40 PVC, LF (STD.ITEM NO. 603004)				
® CONST.	BEGIN STA./OFFSET	END STA./OFFSET	LENGTH (LF)	REMARKS
ALLEY 4	400+16.93, 134.4' RT.	400+15.97, 133.5' RT.	2	CONNECT TO I-EX-02
ALLEY 4	400+15.97, 133.5' RT.	400+14.60, 10.4' RT.	123	REFER TO DE-01, DETAIL G
ALLEY 4	400+14.60, 10.4' RT.	400+2S, NO OFFSET	15	TRANSITION DEPTH

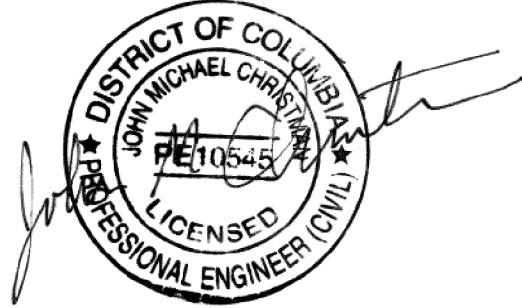
CLEANOUT, EA (SPECIAL ITEM NO. 600006)		
@ CONST.	STA./OFFSET	REMARKS
ALLEY 4	400+27, NO OFFSET	REFER TO DE-02; INSTALL WITH 2-WAY CLEANOUT TEE
ALLEY 4	40I+85, NO OFFSET	REFER TO DE-02; INSTALL WITH 90° BEND
ALLEY 4	400+15.26, 72' RT.	REFER TO DE-02; INSTALL WITH 2-WAY CLEANOUT TEE AT DEPTH OF UNDERDRAIN SHOWN ON DE-01, DETAIL G

<u>PAVEMENT LEGEND</u>	
	PERVIOUS CONCRETE PAVT., 8 INCH REFER TO DE-01, DETAILS A, B, C & D
	REINFORCED PCC ALLEY REFER TO DDOT STD. DWG. NO. 503.01
	PERVIOUS CONC. SIDEWALK, 4 INCH REFER TO DE-01, DETAIL F
	PAVEMENT RESTORATION DDOT STD. DWG. NO. 215.01

NO.	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 10'	RP-05
<div style="display: flex; align-items: center;"> <div style="font-size: 48pt; margin-right: 10px;">d.</div> <div> <p>D.C. DEPARTMENT OF TRANSPORTATION</p> <p>INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</p> <p>PROJECT MANAGEMENT DIVISION</p> </div> </div>		
<p>GREEN ALLEYS PROJECT</p> <p>CHEVY CHASE</p> <p>CONTRACT NO. DCKA-XXXX-X-XXXX</p>		<p>PROJECT ENG. <u>RLP</u></p> <p>DESIGNED BY <u>RLP</u></p> <p>CHECKED BY <u>JDW</u></p> <p>DRAWN BY <u>RJK / SJZ</u></p> <p>PROJECT MGR. <u>JMC</u></p>
<p>ROADWAY / SWM PLAN</p> <p>STA. 400+00 TO STA. 401+83</p>		<p>DIVISION CHIEF</p>   <p>DATE _____</p> <p>FILE _____</p> <p>SHEET 19 OF 57</p>

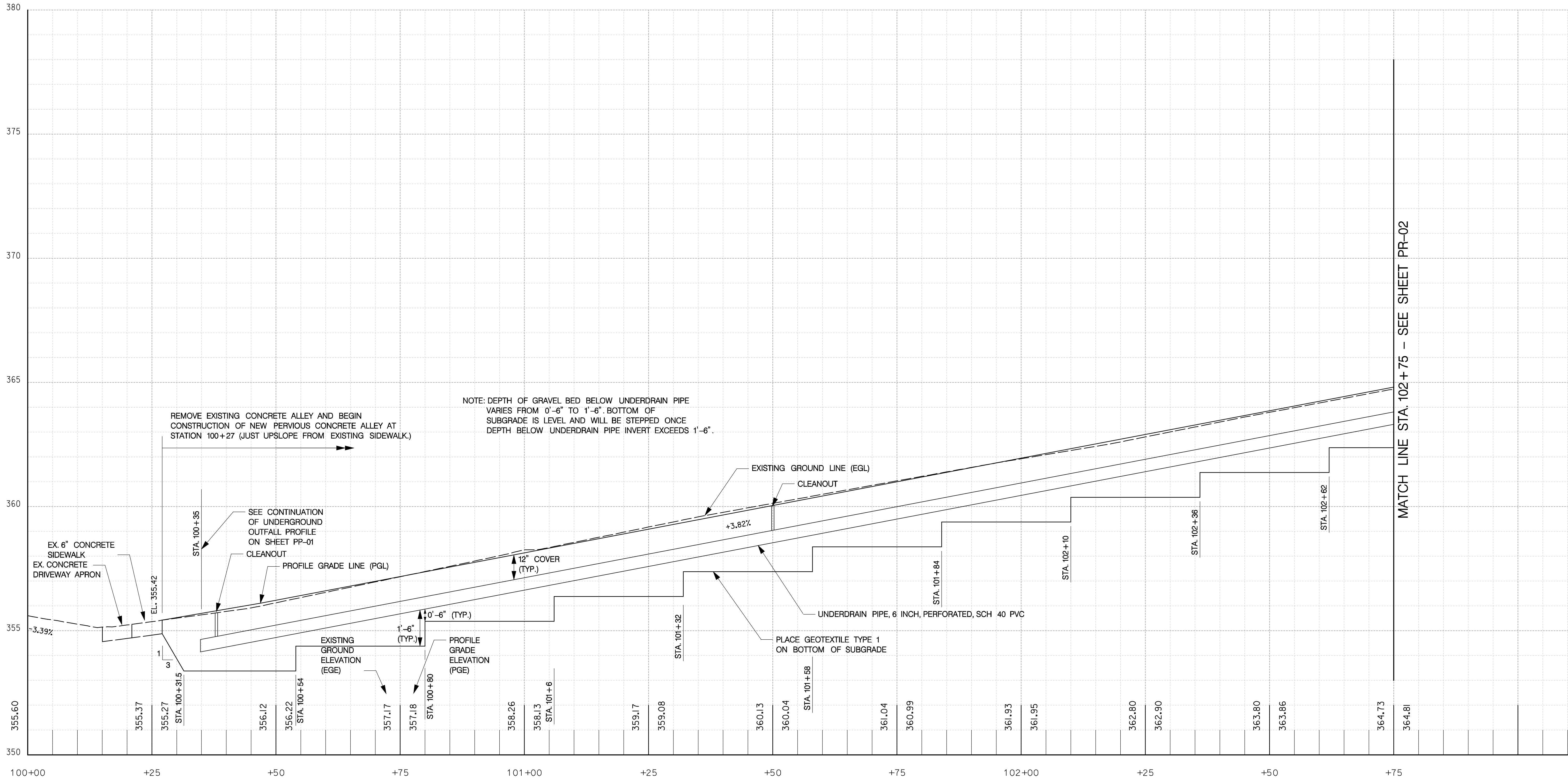
NOTE: THE CONTRACTOR IS RESPONSIBLE FOR SUPPORTING ADJACENT STRUCTURES DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUPPORT OF ADJACENT STRUCTURES OR RESULTING DAMAGES TO ADJACENT STRUCTURES DUE TO IMPROPER SUPPORT DURING EXCAVATION AND ADJACENT ALLEY CONSTRUCTION.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



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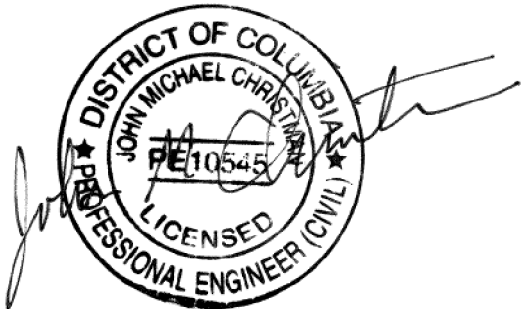
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Tuesday, September 24, 2013 AT 09:52 AM

REG	STATE	FEDERAL AID PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	20	57



ALLEY 1 PROFILE

DATE 09-23-2013	SCALE: H: 1"=10'; V: 1"=2'	PR-01
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JCM</u> DRAWN BY <u>FJK</u> PROJECT MGR. <u>JMC</u>
ROADWAY PROFILE STA. 100+00 TO STA. 102+75		DIVISION CHIEF DATE _____ FILE _____ SHEET 20 OF 57



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

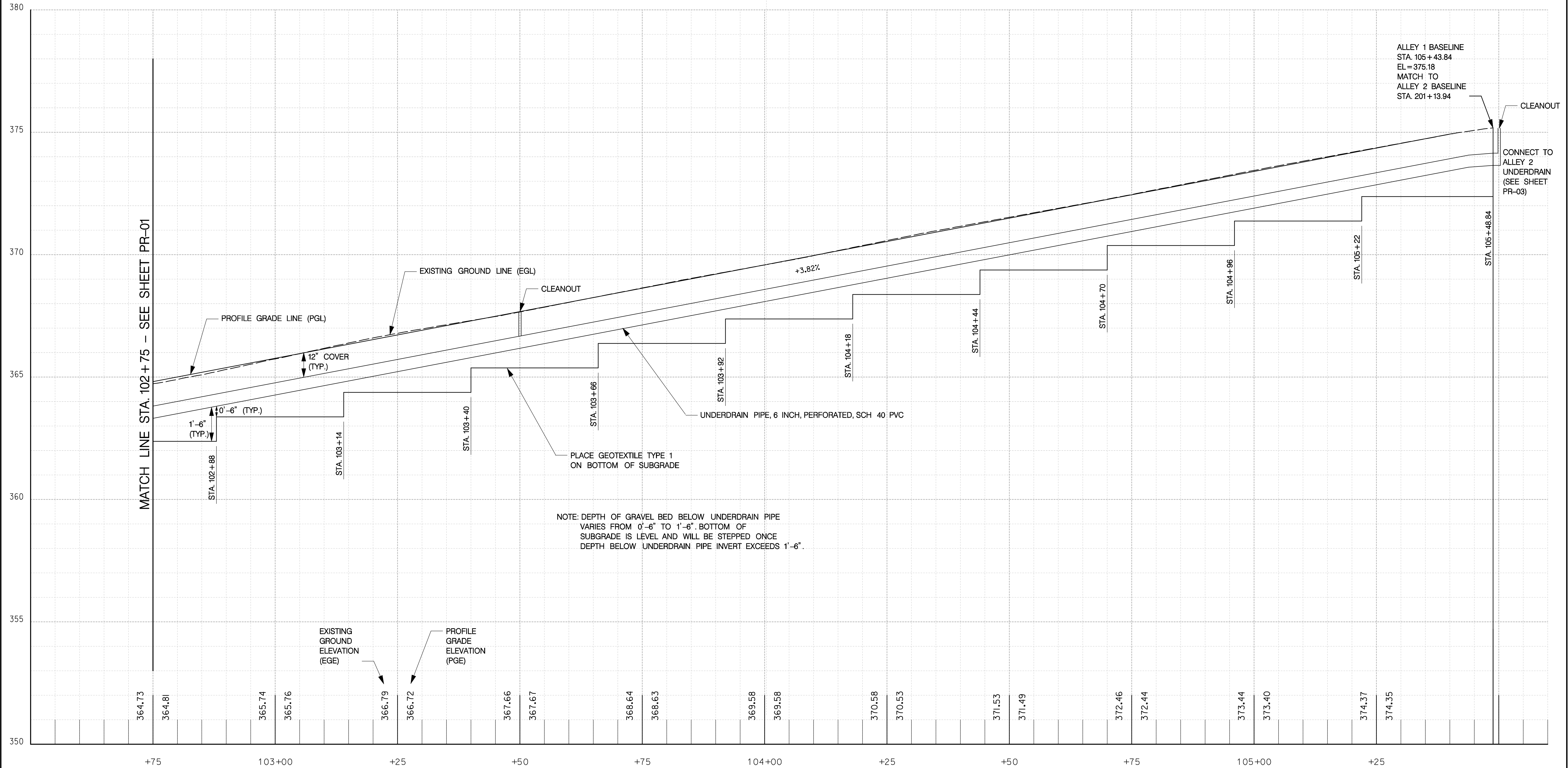


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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

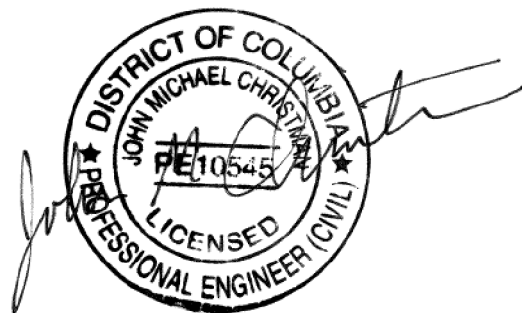
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Tuesday, September 24, 2013 AT 09:52 AM

REG	STATE	FEDERAL AID PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	21	57



ALLEY 1 PROFILE

DATE 09-23-2013	SCALE: H: 1"=10'; V: 1"=2'	PR-02
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JDM</u> DRAWN BY <u>PAK</u> PROJECT MGR. <u>JMC</u>
ROADWAY PROFILE STA. 102+75 TO STA. 105+48.84		DIVISION CHIEF DATE _____ FILE _____ SHEET 21 OF 57



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



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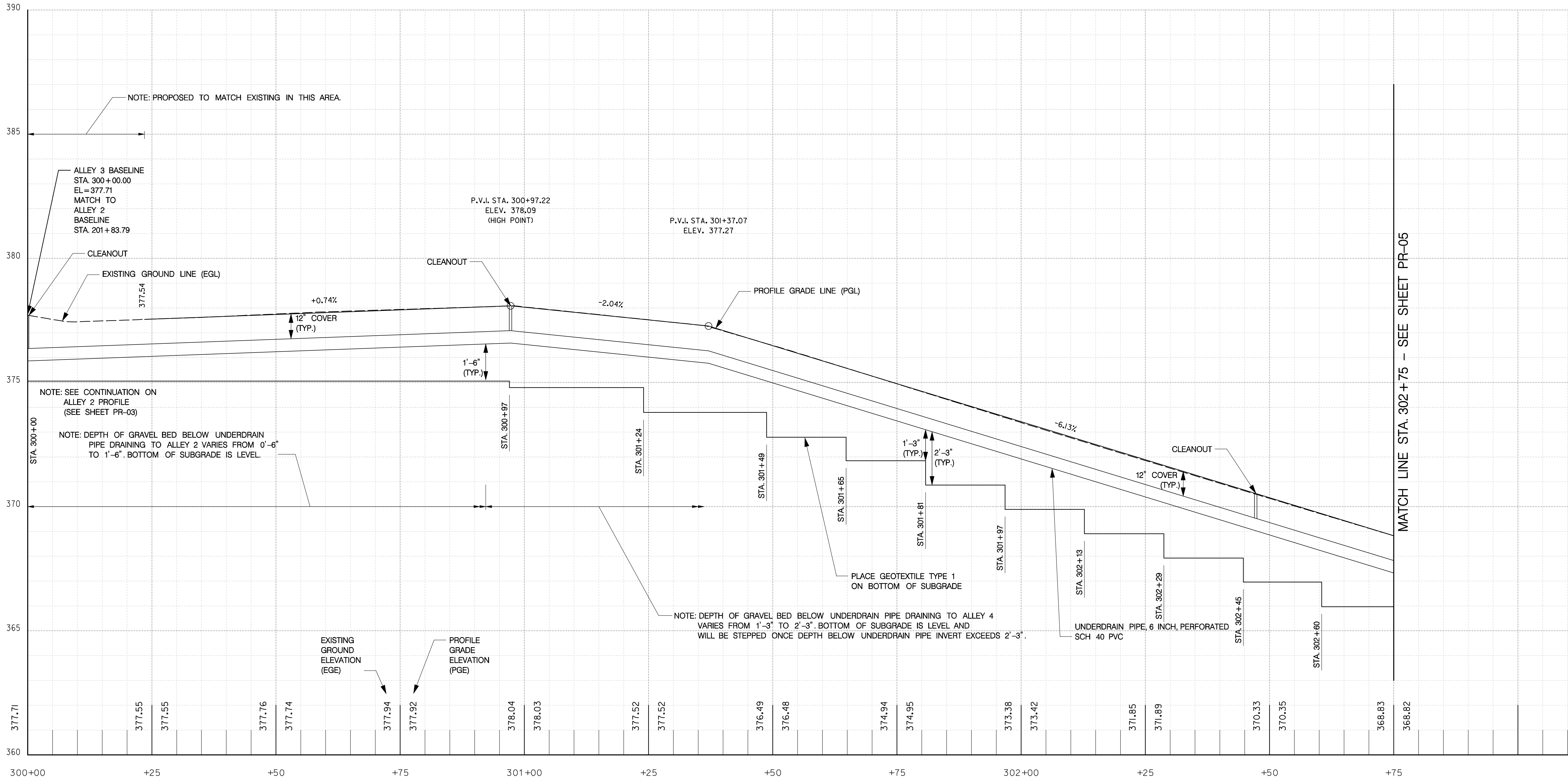
NO.	DESCRIPTION	NAME	DATE
REVISIONS			

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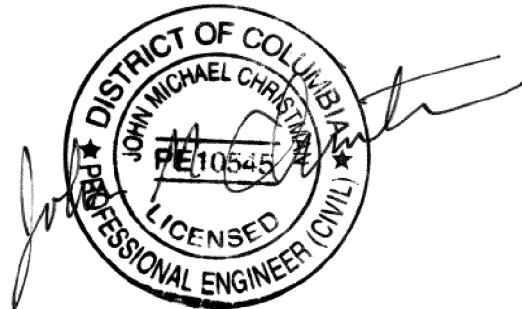




REG	STATE	FEDERAL AID PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	23	57



ALLEY 3 PROFILE

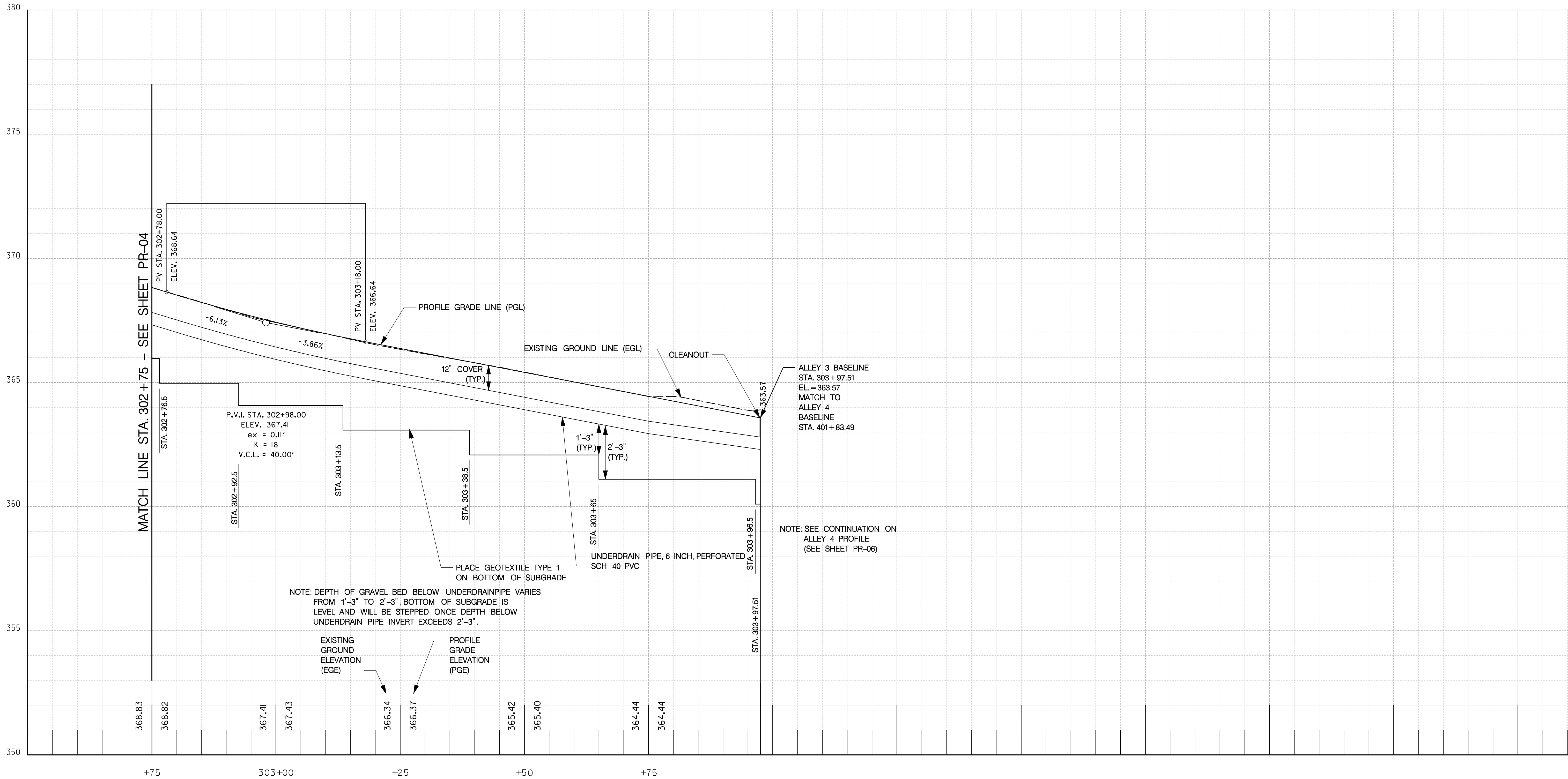


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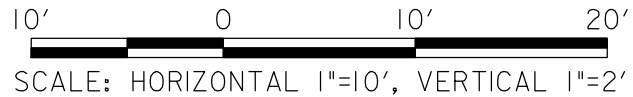
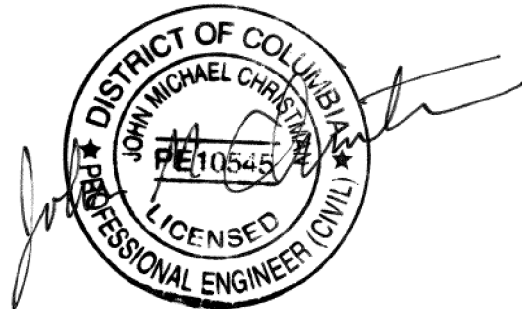
NO.	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: H: 1"=10'; V: 1"=2'	PR-04
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JCM</u> DRAWN BY <u>FJK</u> PROJECT MGR. <u>JMC</u>
ROADWAY PROFILE STA. 300+00 TO STA. 302+75		DIVISION CHIEF DATE _____ FILE _____ SHEET 23 OF 57

REG	STATE	FEDERAL AID PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	24	57



ALLEY 3 PROFILE



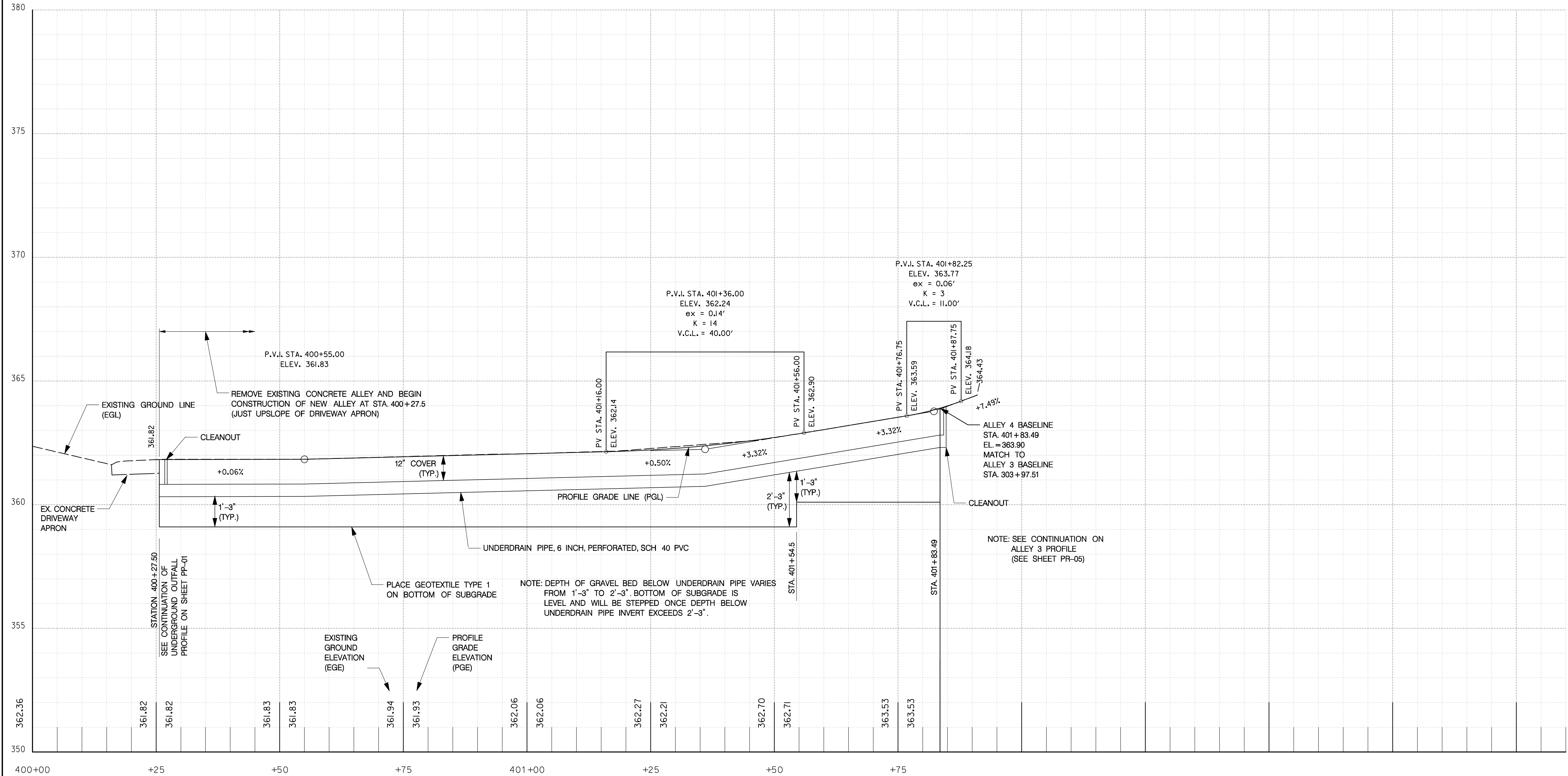
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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

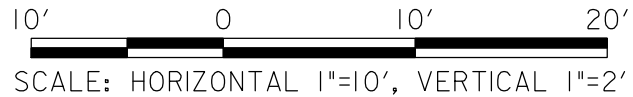
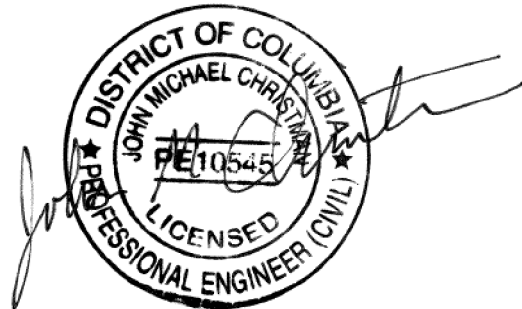
DATE 09-23-2013	SCALE: H: 1"=10'; V: 1"=2'	PR-05
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JCM</u> DRAWN BY <u>FJK</u> PROJECT MGR. <u>JMC</u>
ROADWAY PROFILE STA. 302+75 TO STA. 303+97.51		DIVISION CHIEF DATE _____ FILE _____ SHEET 24 OF 57



REG	STATE	FEDERAL AID PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	25	57



ALLEY 4 PROFILE

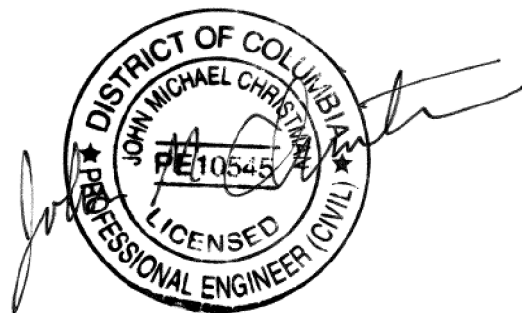
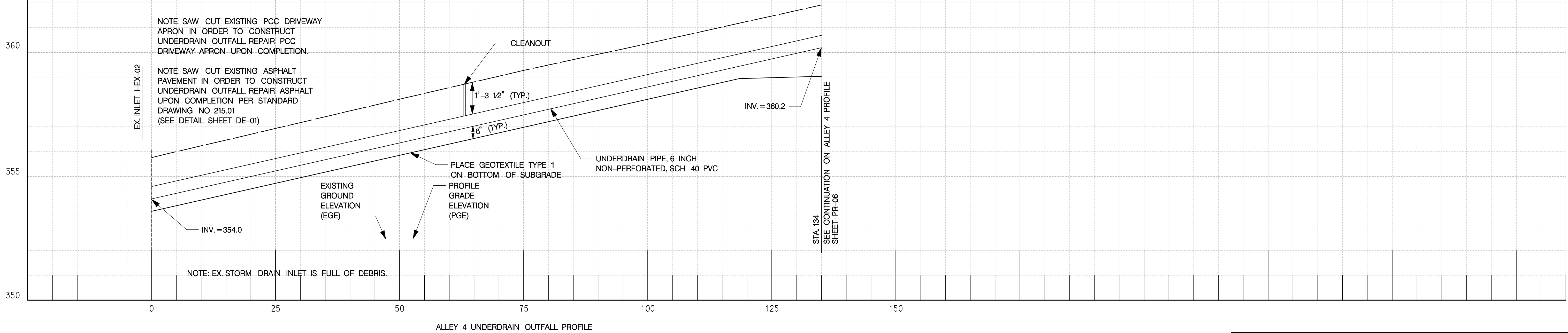
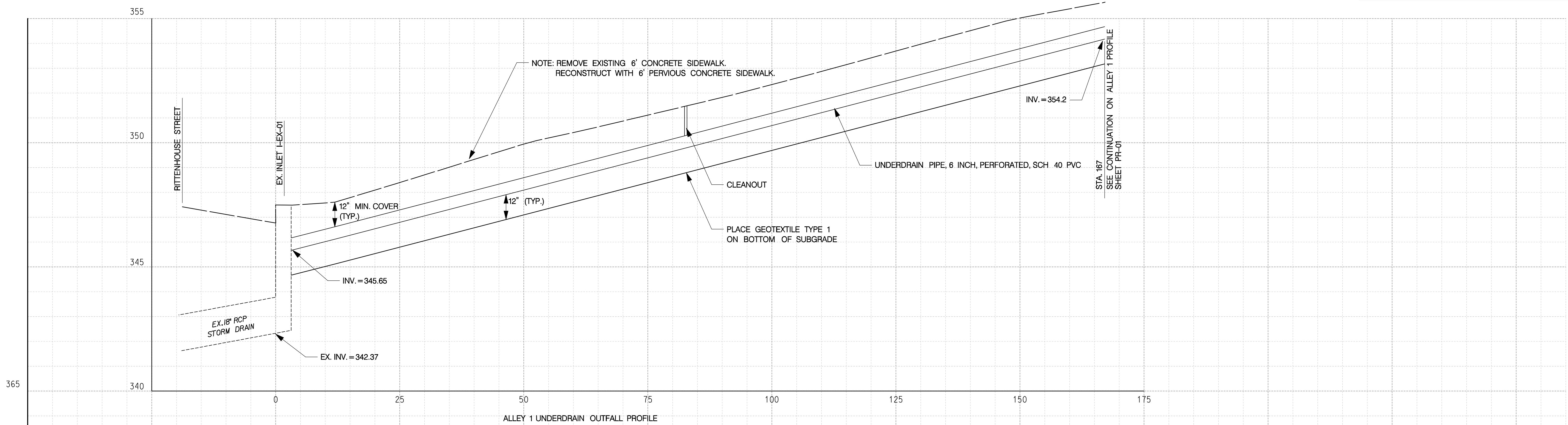


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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: H: 1"=10'; V: 1"=2'	PR-06
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JCM</u> DRAWN BY <u>FJK</u> PROJECT MGR. <u>JMC</u>
ROADWAY PROFILE STA. 400+00 TO STA. 401+91.50		DIVISION CHIEF DATE _____ FILE _____ SHEET 25 OF 57

REG	STATE	FEDERAL AID PROJECT	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	26	57



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



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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

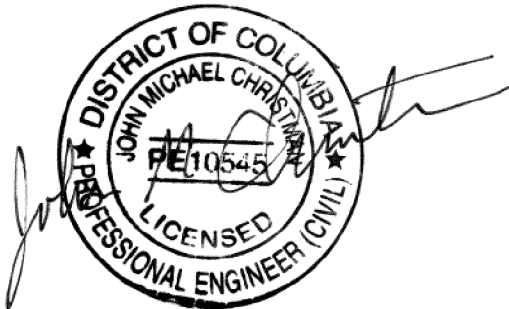
DATE 09-23-2013	SCALE: H: 1"=10'; V: 1"=2'	PP-01
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>RLP</u> DESIGNED BY <u>RLP</u> CHECKED BY <u>JDM</u> DRAWN BY <u>PJK</u> PROJECT MGR. <u>JMC</u>
STORM SEWER PROFILE		DIVISION CHIEF DATE _____ FILE _____ SHEET 26 OF 57



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Tuesday, September 24, 2013 AT 09:53 AM

GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE SAFETY OF THE PUBLIC AND HIS WORKERS THROUGH THE TERM OF THIS CONTRACT. THE MOTORIST MUST BE GUIDED IN A CLEAR AND POSITIVE MANNER WHILE APPROACHING AND PASSING THROUGH THE CONSTRUCTION AREA.
2. THE CONTRACTOR SHALL DEVELOP HIS CONSTRUCTION SCHEDULE WITHIN THE FRAMEWORK OF THE TRAFFIC CONTROL PLAN (TCP) PROVIDED HEREIN. THE CONTRACTOR'S ACTIVITIES SHALL NOT CHANGE THE OPERATIONAL REQUIREMENTS SET FORTH IN THIS TCP, EXCEPT AS APPROVED BY THE ENGINEER PRIOR TO EXECUTION OF CONSTRUCTION OPERATIONS OR TASKS IN SUBSEQUENT CONSTRUCTION PHASES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 3 BUSINESS DAYS PRIOR TO ANY PROPOSED CHANGES.
3. THE CONTRACTOR MAY USE AN ALTERNATE TCP SUBJECT TO APPROVAL BY THE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE INSTALLATION OF TRAFFIC CONTROL DEVICES IN CONFORMANCE WITH THE DDOT STANDARD DRAWINGS (2009), THE D.C. TEMPORARY TRAFFIC CONTROL MANUAL (2006), AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), 2009 EDITION, PRIOR TO THE BEGINNING OF HIS OPERATIONS. INSTALLATION OF TRAFFIC CONTROL SIGNS AND DEVICES SHOWN IN THE PLANS IS CONSIDERED ESSENTIALLY A MINIMUM, AND DOES NOT RELEASE THE CONTRACTOR FROM HIS RESPONSIBILITY OF ENSURING SAFE CONDITIONS DURING HIS OPERATIONS. THE SAME STANDARDS AND REQUIREMENTS APPLY FOR MILLING, RESURFACING, AND UTILITY WORK OUTSIDE THE LIMITS OF FULL-DEPTH RECONSTRUCTION.
5. EXISTING TRAFFIC CONTROL SIGNS AND DEVICES SHALL BE COMPLETELY COVERED OVER TO THE SATISFACTION OF THE ENGINEER WHEN NOT APPLICABLE. THIS INCLUDES COVERING EXISTING PARKING SIGNS WHILE TEMPORARY NO PARKING RESTRICTIONS ARE IN PLACE. PARKING METERS SHALL ALSO BE COVERED WHEN NOT APPLICABLE. THE PAYMENT IS INCLUDED IN THE "MAINTENANCE OF TRAFFIC" BID ITEM.
6. ALL PORTABLE CONCRETE BARRIER SHALL HAVE REFLECTORIZED MARKERS AND DELINEATORS PER DDOT STANDARD DRAWING NO.614.06, SPACED 50' MAXIMUM, ON/CENTER. AMBER MARKERS SHALL BE USED WHEN BARRIER IS PLACED TO THE LEFT OF TRAFFIC, AND WHITE MARKERS SHALL BE USED WHEN BARRIER IS PLACED TO THE RIGHT OF TRAFFIC.
7. ANY DRAINAGE, SIGNING, LIGHTING, UTILITY, SEDIMENT CONTROL PROTECTION AND OTHER MISCELLANEOUS WORK SHALL BE PERFORMED AS THE TRAFFIC CONTROL PLAN ALLOWS.
8. ALL LEADING ENDS OF TEMPORARY CONCRETE BARRIERS EXPOSED TO ONCOMING TRAFFIC SHALL BE PROTECTED WITH CONSTRUCTION ZONE CRASH CUSHIONS. ALL IMPACT ATTENUATORS SHALL HAVE TYPE 3 OBJECT MARKERS.
9. THE ENGINEER WILL ROUTINELY INSPECT THE MAINTENANCE OF TRAFFIC. IF DEFICIENCIES ARE NOTED, THE ENGINEER RESERVES THE RIGHT TO STOP ALL WORK UNTIL CORRECTIVE ACTION IS TAKEN.
10. TEMPORARY REMOVABLE REFLECTIVE PAVEMENT TAPE OF AN APPROVED TYPE SHALL BE USED TO DESIGNATE TEMPORARY TRAFFIC LANES ON ALL FINAL PAVEMENT SURFACES THAT REQUIRE TEMPORARY PAVEMENT MARKING PATTERNS. TEMPORARY PAINT SHALL ONLY BE USED ON SURFACES THAT ARE SCHEDULED FOR REMOVAL OR FINAL SURFACE CONSTRUCTION IN A LATER PHASE. MARKINGS SHALL BE WHITE OR YELLOW AS NOTED.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF PEDESTRIAN TRAFFIC DURING ALL PHASES AND STAGES OF CONSTRUCTION. THIS SHALL INCLUDE ACCESS TO CROSS STREETS, SIDEWALKS, BUS STOPS, AND RESIDENCES. PEDESTRIAN BARRICADES SHALL BE ADJUSTED AS NECESSARY TO MAINTAIN CONTINUOUS PEDESTRIAN ACCESS TO ALL RESIDENCES. ALL SUCH TEMPORARY ACCESS SHALL BE HANDICAP COMPLIANT IF EXISTING PEDESTRIAN ACCESS TO A RESIDENCE IS HANDICAP COMPLIANT. ALL SIGNS AND TRAFFIC CONTROL DEVICES AND/OR TEMPORARY CONSTRUCTION REQUIRED TO MAINTAIN FULL AND SAFE PEDESTRIAN ACCESSIBILITY THROUGH THE CONSTRUCTION AREA AT ALL TIMES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.
12. THE CONTRACTOR SHALL ERECT STATIC SIGNS WITH THE MESSAGE "CONSTRUCTION WILL START ON XX/XX" AT THE ALLEY ENTRANCES LOCATED ON RITTEN HOUSE ST, NW AND QUESADA ST, NW RESPECTIVELY.
13. UNLESS OTHERWISE NOTED, SPACING BETWEEN WARNING SIGNS SHALL BE AT LEAST 200 FEET.
14. ALL TRAFFIC DRUMS USED FOR THE MAINTENANCE OF TRAFFIC SHALL BE OF A LOW DENSITY MATERIAL. UNLESS OTHERWISE NOTED, SPACING BETWEEN TRAFFIC DRUMS SHALL BE NO GREATER THAN 10 FEET.
15. SEDIMENT CONTROL PROTECTION SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. ALL EXISTING INLETS IMPACTED BY THE CONSTRUCTION, AS WELL AS NEW INLETS, SHALL BE PROTECTED. SEE EROSION AND SEDIMENT CONTROL PLANS FOR DETAILS.
16. RESIDENTS AFFECTED BY THE TEMPORARY CLOSURE OF THE ALLEYS LOCATED OFF RITTEN HOUSE, NW AND QUESADA ST, NW SHALL BE ADVISED IN WRITING BY THE CONTRACTOR A MINIMUM OF ONE WEEK IN ADVANCE. THE CONTRACTOR'S LETTER SHALL IDENTIFY ALTERNATIVE VEHICULAR ALLEY ACCESS.
17. WORK WILL BE PERMITTED BETWEEN 7:00 AM AND 7:00 PM. NIGHT WORK WILL ONLY BE PERMITTED UPON APPROVAL BY THE ENGINEER.
18. WORK ON NATIONAL OR DISTRICT HOLIDAYS WILL ONLY BE PERMITTED UPON APPROVAL BY THE ENGINEER.
19. THE CONTRACTOR SHALL COORDINATE WITH WMATA REGARDING ANY IMPACT OF THIS CONSTRUCTION UPON METRO BUS STOPS WITHIN THE PROJECT AREA AND VICINITY. THE CONTRACTOR SHALL COORDINATE HIS ACTIVITIES WITH BRYANT MCLARY OF METRO AT 202-962-1177.
20. WHEN A BUS STOP IS PUT OUT OF SERVICE DUE TO CONSTRUCTION, A TEMPORARY SIGN SHALL BE POSTED TO GIVE THE LOCATION OF THE NEAREST BUS STOP IN SERVICE.
21. CONTRACTOR SHALL COVER OPEN EXCAVATIONS WITH STEEL PLATES DURING NON-WORKING HOURS.
22. NO STAGING AND STORAGE AREA IS BEING DESIGNATED. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR SEEKING NECESSARY SPACE AND UNDERGOING ALL REQUIRED NEGOTIATIONS WITH THE OWNER OF THE PROPERTY TO SECURE ITS USE AND FOR RESTORING THE AREA TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER.



SEQUENCE OF CONSTRUCTION

PRIOR TO THE START OF EACH PHASE, THE CONTRACTOR SHALL:

- COORDINATE WITH ADJACENT PROPERTY OWNERS BEFORE PERFORMING ANY WORK.
- LOCATE AND MARK ALL UTILITIES WITHIN THE WORK AREA.

-PLACE TEMPORARY TRAFFIC CONTROL DEVICES, EROSION & SEDIMENT MEASURES, AND TREE PROTECTION, AS SHOWN ON PLANS AND AS DIRECTED BY THE ENGINEER.

-CONTRACTOR SHALL WORK IN SECTIONS MAINTAINING ACCESS AS MUCH AS POSSIBLE AND COORDINATING CLOSURES WITH RESIDENTS.

-CONTRACTOR SHALL WORK FROM HIGHER ELEVATIONS TO LOWER AND SHALL PROTECT CLEAN AGGREGATE AND NEWLY INSTALLED PERVIOUS PAVEMENT FROM SEDIMENT AND DEBRI-LADEN RUNOFF.

PHASE 1 - ALLEY 2, 3, & 4

CLOSE ALLEY TO MOTOR VEHICLES AND PEDESTRIANS DURING WORKING HOURS.

RECONSTRUCT ALLEY WAY.

RE-OPEN ALLEY TO TRAFFIC DURING NON-WORKING HOURS (SECTIONS OF ALLEY THAT ARE EXCAVATED AND WHERE PAVEMENT IS CURING CAN REMAIN CLOSED SO AS TO ALLOW CONCRETE TO CURE MINIMUM 7 DAYS OR TO PROTECT OPEN EXCAVATIONS).

CONSTRUCT 6' OUTFALL AND ASPHALT PATCH.

PHASE 2 - ALLEY 1

CLOSE ALLEY TO MOTOR VEHICLES AND PEDESTRIANS DURING WORKING HOURS.

RECONSTRUCT ALLEY WAY.

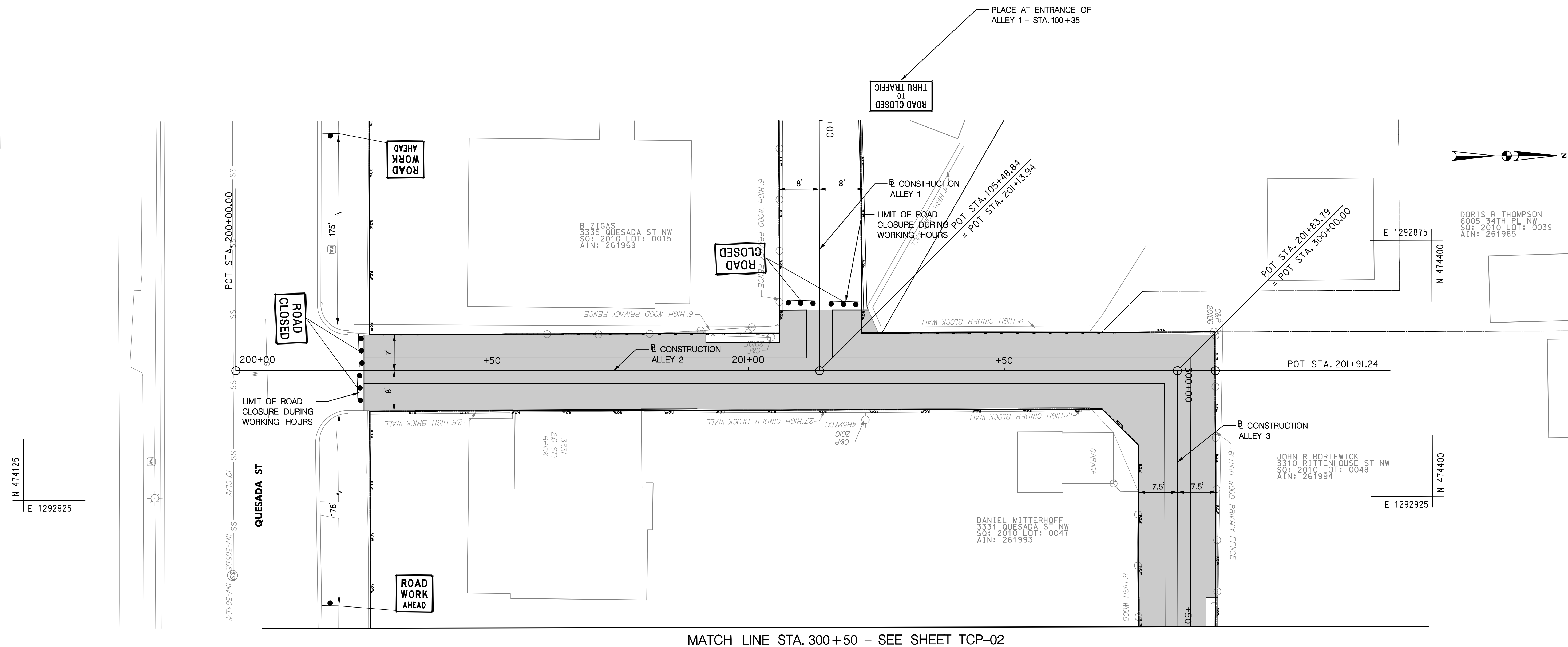
RE-OPEN ALLEY TO TRAFFIC DURING NON-WORKING HOURS (SECTIONS OF ALLEY THAT ARE EXCAVATED AND WHERE PAVEMENT IS CURING CAN REMAIN CLOSED SO AS TO ALLOW CONCRETE TO CURE MINIMUM 7 DAYS OR TO PROTECT OPEN EXCAVATIONS).

CONSTRUCT 6' OUTFALL AND PERVIOUS CONCRETE SIDEWALK.

DATE 09-23-2013	NTS	TCN-01
d. D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. _____ DESIGNED BY _____ CHECKED BY _____ DRAWN BY _____ PROJECT MGR. _____
TRAFFIC CONTROL PLAN GENERAL NOTES & SEQUENCE OF CONSTRUCTION		DIVISION CHIEF _____  DATE _____ FILE _____ SHEET 27 OF 57














	NO	DESCRIPTION	NAME	DATE
REVISIONS				

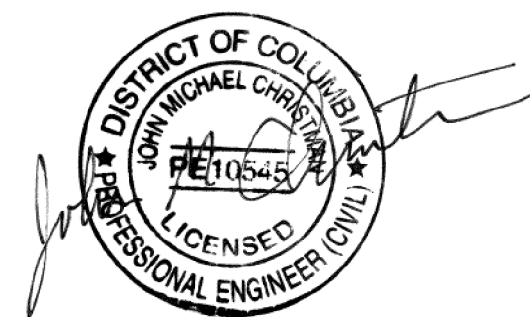
REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	28	57




MATCH LINE STA. 300+50 - SEE SHEET TCP-02

LEGEND

	DRUM		CURRENT PHASE SIGN
	1 POST SIGN		
	2 POST SIGN		
	FLAGGER LOCATION		PREVIOUS PHASE SIGN (TO REMAIN FOR CURRENT PHASE)
	TRAFFIC FLOW ARROW		
	TEMP. WATER FILLED		
	TRAFFIC BARRIER		CURRENT PHASE WORK AREA
	BARRICADE		PREVIOUS PHASE WORK AREA
	ORANGE CONSTRUCTION FENCE		



 <p><b>GREENHORNE &amp; O' MARA</b> CONSULTING ENGINEERS 6110 FROST PLACE, LAUREL, MD 20707 PHONE: (301) 982-2800 FAX: (240) 542-3193 <a href="http://www.greenhorne.com">www.greenhorne.com</a></p>				
	NO.	DESCRIPTION	NAME	DATE
	REVISIONS			

DATE 09-23-2013	SCALE: 1" = 10'	TCP-01
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="font-size: 48px; font-weight: bold; margin-right: 20px;">d.</div> <div style="text-align: center;"> <h1 style="margin: 0;">D.C. DEPARTMENT OF TRANSPORTATION</h1> <h2 style="margin: 0;">INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</h2> <h3 style="margin: 0;">PROJECT MANAGEMENT DIVISION</h3> </div> </div>		
<p style="text-align: center; font-size: 24px; font-weight: bold;">GREEN ALLEYS PROJECT</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">CHEVY CHASE</p> <p style="text-align: center; font-size: 18px; font-weight: bold;">CONTRACT NO. DCKA-XXXX-X-XXXX</p>		<p>PROJECT ENG. <u>SLZ</u></p> <p>DESIGNED BY <u>SL /SLZ</u></p> <p>CHECKED BY _____</p> <p>DRAWN BY <u>SL /SLZ</u></p> <p>PROJECT MGR. <u>JMC</u></p>
<p style="text-align: center; font-size: 24px; font-weight: bold;">TRAFFIC CONTROL PLAN</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">PHASE 1</p> <p style="text-align: center; font-size: 24px; font-weight: bold;">STA. 200 + 00 TO STA. 201 + 84</p>		<p style="text-align: center; font-weight: bold;">DIVISION CHIEF</p>   <p>DATE _____</p> <p>FILE _____</p> <p style="display: flex; justify-content: space-between;"> <span>SHEET 28</span> <span>OF 57</span> </p>



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	29	57



MATCH LINE STA. 300+50 - SEE SHEET TCP-01

MATCH LINE STA. 303+50 - SEE SHEET TCP-03

E 1293000	N 474425
-----------	----------

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

Plan view of the proposed 100' wide right-of-way for the 2010/143524DC project. The plan shows a 100-foot wide right-of-way with a 50-foot wide construction alley (Alley 3) in the center. The right-of-way is bounded by a 7' high wood lattice fence on the north and a 6' high wood privacy fence on the south. The plan also shows a 3.5' high picket fence on top of a wood wall, a 2.4' high stone wall, and a 6' high wood privacy fence. The plan includes stationing from 301+00 to 303+00 and a north arrow.

RICHARD A BERG  
3327 QUESADA ST NW  
SQ: 2010 LOT: 0046  
AIN: 261992

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












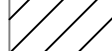
JOHN A MYLER  
3313 QUESADA ST NW  
SQ: 2010 LOT: 0052  
AIN: 261998

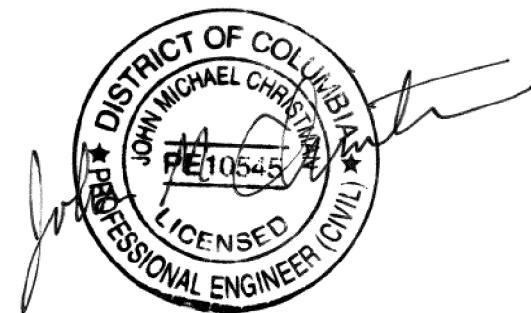
MONTGOMERY E ENGEL  
3311 QUESADA ST NW  
SQ: 2010 LOT: 0051  
AIN: 261997

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

N 474300

LEGEND

- |   |                                       |   |  |
|---|---------------------------------------|---|--|
|  | DRUM                                  |  | CURRENT PHASE<br>SIGN                                      |
|  | 1 POST SIGN                           |   |  |
|  | 2 POST SIGN                           |   |  |
|  | FLAGGER<br>LOCATION                   |  | PREVIOUS PHASE<br>SIGN<br>(TO REMAIN FOR<br>CURRENT PHASE) |
|  | TRAFFIC FLOW<br>ARROW                 |   |  |
|  | TEMP. WATER FILLED<br>TRAFFIC BARRIER |  | CURRENT PHASE<br>WORK AREA                                 |
|  | BARRICADE                             |   |  |
|  | ORANGE<br>CONSTRUCTION<br>FENCE       |  | PREVIOUS PHASE<br>WORK AREA                                |



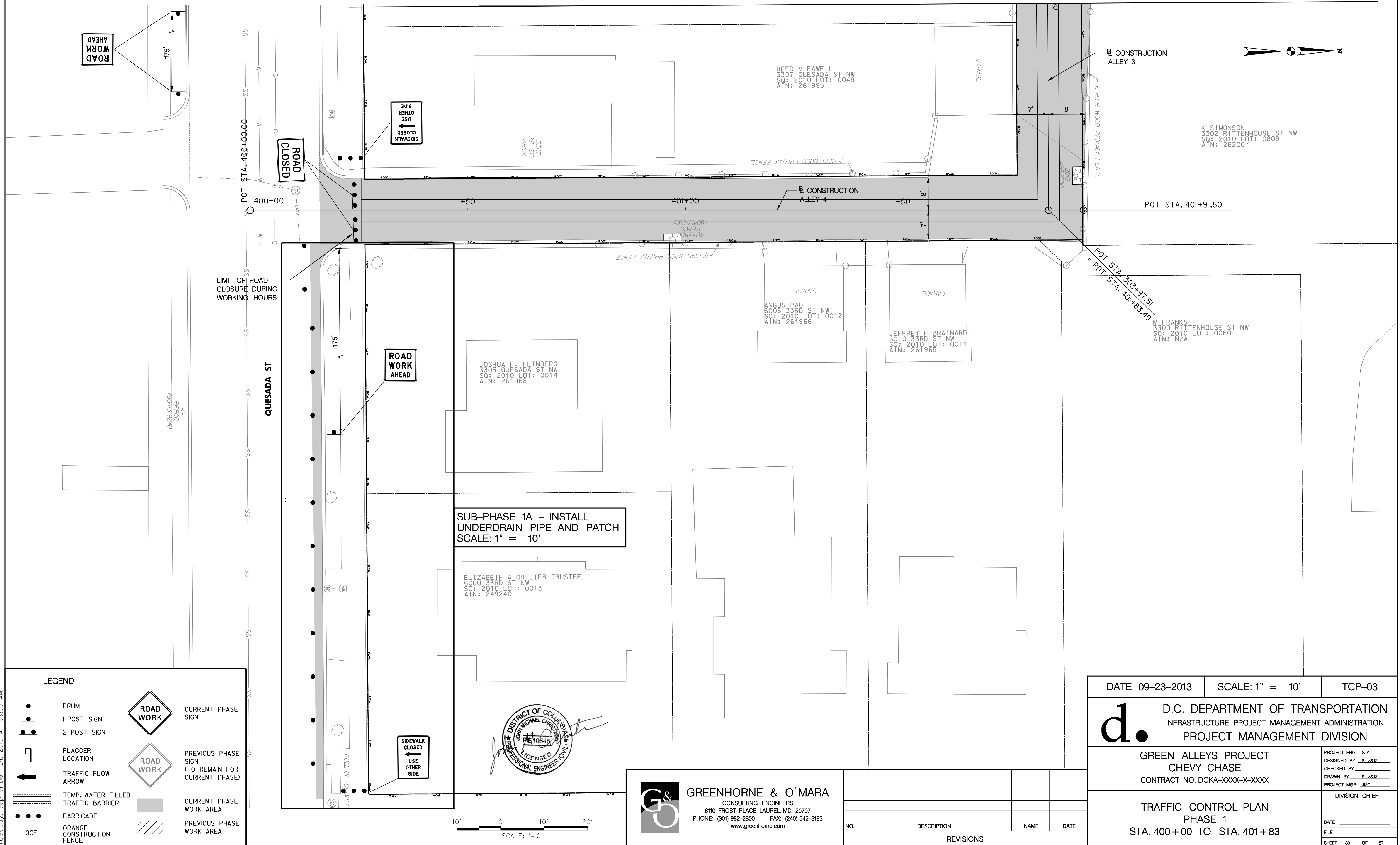
**GREENHORNE & O'MARA**  
CONSULTING ENGINEERS  
6110 FROST PLACE, LAUREL, MD 20707  
PHONE: (301) 982-2800 FAX: (240) 542-3193  
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NO.	DESCRIPTION	NAME	DATE
REVISIONS			

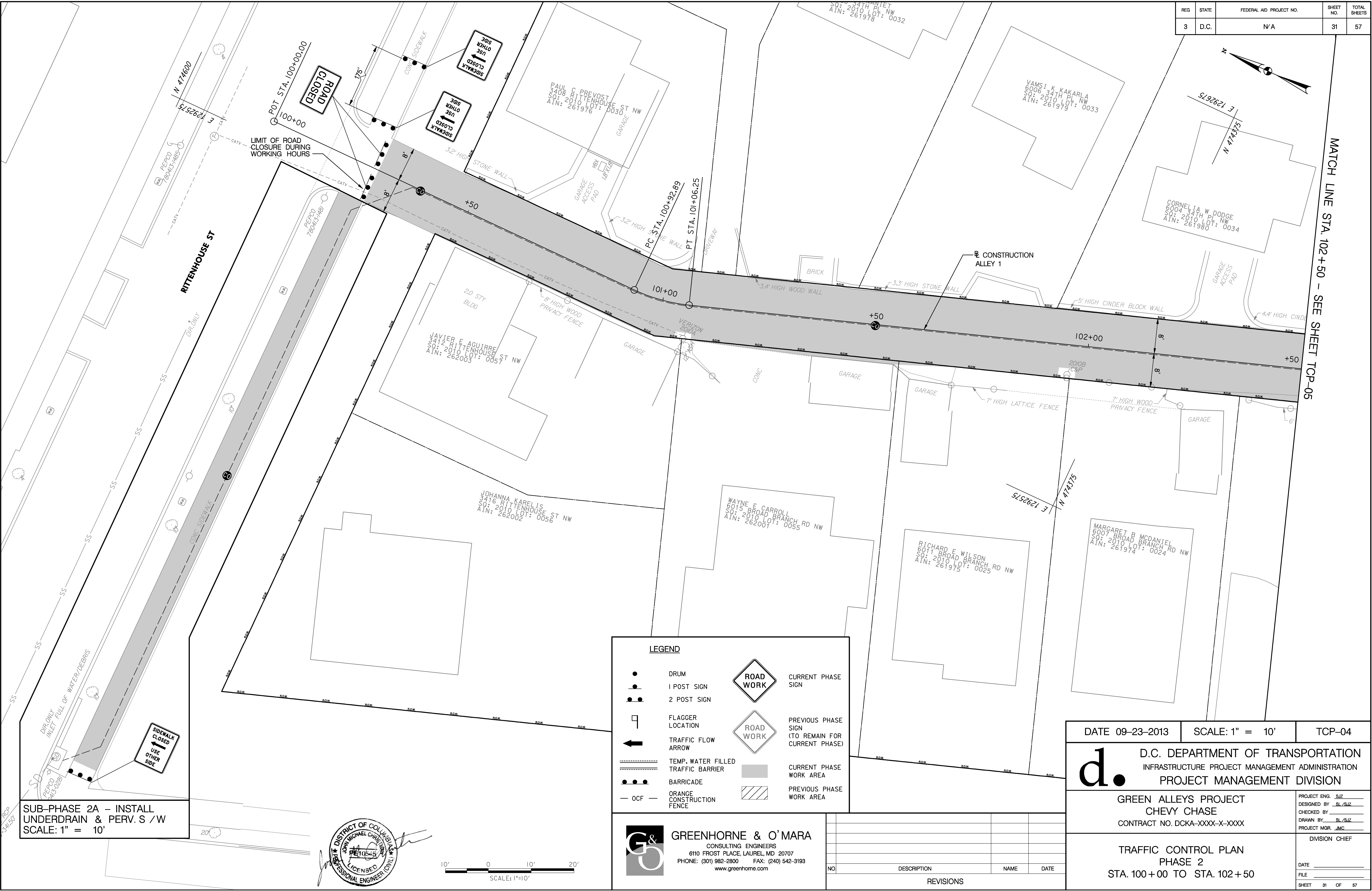
DATE 09-20-2013	SCALE: 1" = 10'	TCP-02
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="font-size: 48pt; font-weight: bold;">d.</div> <div style="text-align: center;"> <h1 style="margin: 0;">D.C. DEPARTMENT OF TRANSPORTATION</h1> <h2 style="margin: 0;">INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</h2> <h3 style="margin: 0;">PROJECT MANAGEMENT DIVISION</h3> </div> </div>		
<p style="text-align: center; font-weight: bold;">GREEN ALLEYS PROJECT</p> <p style="text-align: center; font-weight: bold;">CHEVY CHASE</p> <p style="text-align: center;">CONTRACT NO. DCKA-XXXX-X-XXXX</p>		<p>PROJECT ENG. <u>SLZ</u></p> <p>DESIGNED BY <u>SL/SLZ</u></p> <p>CHECKED BY _____</p> <p>DRAWN BY <u>SL/SLZ</u></p> <p>PROJECT MGR. <u>JMC</u></p>
<p style="text-align: center; font-weight: bold;">TRAFFIC CONTROL PLAN</p> <p style="text-align: center; font-weight: bold;">PHASE 1</p> <p style="text-align: center; font-weight: bold;">STA. 300 + 50 TO STA. 303 + 50</p>		<p style="text-align: center; font-weight: bold;">DIVISION CHIEF</p>    <p>DATE _____</p> <p>FILE _____</p> <p>SHEET 29 OF 57</p>

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	30	57

MATCH LINE STA. 303+50 - SEE SHEET TCP-02



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Tuesday, September 24, 2013 AT 09:53 AM

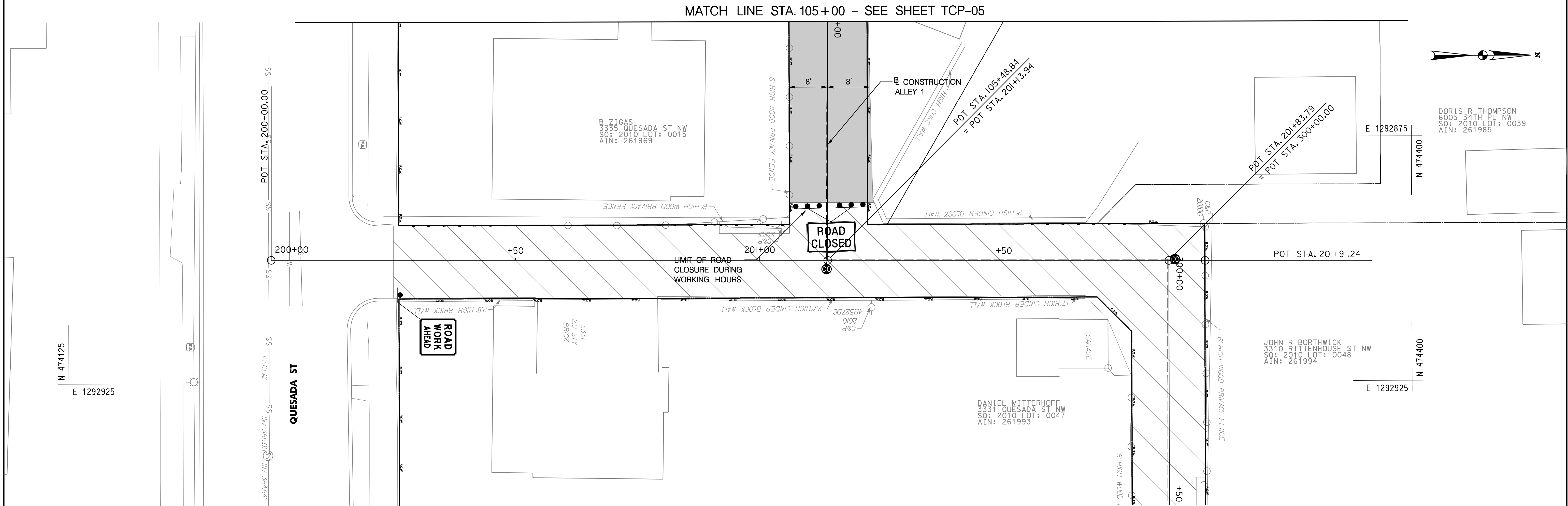


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Tuesday, September 24, 2013 AT 09:53 AM















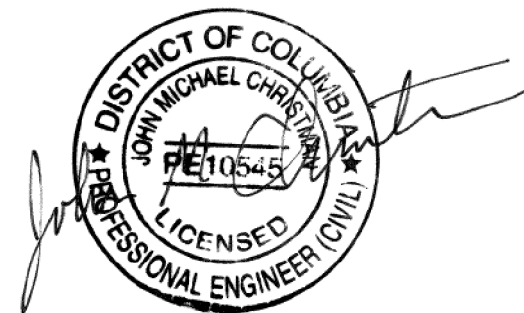


REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	33	57



LEGEND

- |   |                                       |   |  |
|---|---------------------------------------|---|--|
|  | DRUM                                  |  | CURRENT PHASE<br>SIGN                                      |
|  | 1 POST SIGN                           |   |  |
|  | 2 POST SIGN                           |   |  |
|  | FLAGGER<br>LOCATION                   |  | PREVIOUS PHASE<br>SIGN<br>(TO REMAIN FOR<br>CURRENT PHASE) |
|  | TRAFFIC FLOW<br>ARROW                 |   |  |
|  | TEMP. WATER FILLED<br>TRAFFIC BARRIER |  | CURRENT PHASE<br>WORK AREA                                 |
|  | BARRICADE                             |  | PREVIOUS PHASE<br>WORK AREA                                |
|  | ORANGE<br>CONSTRUCTION<br>FENCE       |   |  |



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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 10'	TCP-06
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<p style="text-align: center; font-weight: bold; font-size: 1.2em;">GREEN ALLEYS PROJECT</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">CHEVY CHASE</p> <p style="text-align: center; font-weight: bold;">CONTRACT NO. DCKA-XXXX-X-XXXX</p>		<p>PROJECT ENG. <u>SLZ</u></p> <p>DESIGNED BY <u>SL /SLZ</u></p> <p>CHECKED BY _____</p> <p>DRAWN BY <u>SL /SLZ</u></p> <p>PROJECT MGR. <u>JMC</u></p>
<p style="text-align: center; font-weight: bold; font-size: 1.2em;">TRAFFIC CONTROL PLAN</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">PHASE 2</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">STA. 105 + 00 TO STA. 105 + 49</p>		<p style="text-align: center; font-weight: bold;">DIVISION CHIEF</p>    <p>DATE _____</p> <p>FILE _____</p> <p>SHEET 33 OF 57</p>

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 SWEEPED 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 CLEARED 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 AGGREGATE BASE.
10. EROSION & SEDIMENT CONTROL DEVICES SHALL ONLY BE REMOVED WITH THE APPROVAL OF THE ENGINEER.
11. CONTRACTOR MUST PROTECT NEWLY INSTALLED PERVIOUS PAVEMENT FROM SEDIMENT AND DEBRIS-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 FILTERED 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.

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 DRIPLINE 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 DRIPLINE OF THE STREET TREES; EXCAVATIONS WITHIN THE DRIPLINE 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 510.04 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 202-671-2356 BEFORE PROCEEDING.

TOTAL AREA

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

SITE 2 / ASHLEY TERRACE = 51,499 SF = 1.32 ACRE

~~SITE 2 / ASHLEY TERRACE = 12,148 SF = 0.276 ACRE~~

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

SITE 1 / CHEVY CHASE = UNKNOWN


## 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.

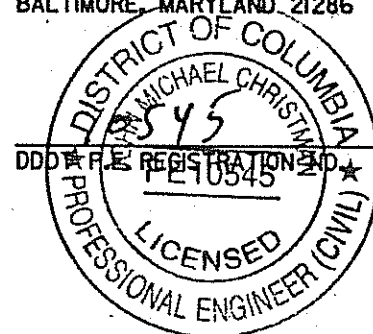
DATE \_\_\_\_\_ FLOODING AND EROSION  
CONTROL SECTION  
TEL. NO. (202) 727-7047/7048

"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 '2009 DISTRICT DEPARTMENT OF THE ENVIRONMENT STORM-WATER GUIDEBOOK'."

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

  
SIGNATURE

8-31-12  
EXPIRATION DATE



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

NO	DESCRIPTION	NAME	DATE
REVISIONS			

THE UNDERSIGNED AGREES TO MAINTAIN AND OPERATE THE DISCHARGE FACILITIES IN SUCH A MANNER AS TO COMPLY WITH THE PROVISIONS OF SECTION 526 THROUGH 535 OF DCMR-21, CHAPTER 5. RESPONSIBILITY FOR MAINTENANCE AND OPERATION MAY BE TRANSFERRED TO ANOTHER ENTITY UPON WRITTEN NOTICE TO THE WATERSHED PROTECTION DIVISION OF THE DISTRICT DEPARTMENT OF THE ENVIRONMENT FROM THE UNDERSIGNED AND THE ENTITY ASSUMING RESPONSIBILITY, CERTIFYING THAT THE TRANSFER OF RESPONSIBILITY FOR MAINTENANCE AND OPERATION IN COMPLIANCE WITH SECTION 526 THROUGH 535 OF DCMR-21, CHAPTER 5 HAS BEEN ACCEPTED.

SIGNATURE OF THE PERSON RESPONSIBLE FOR MAINTENANCE (IT MAY BE THE APPLICANT)

RONALDO T. NICHOLSON, P.E., CHIEF ENGINEER  
NAME AND TITLE (PLEASE TYPE)

55 M STREET, S E, SUITE 400 WASHINGTON, D.C. 20003  
ADDRESS

DATE 9/7/73  
202-671-2800  
PHONE NO

THIS IS TO CERTIFY THAT THE ENGINEERING FEATURES OF THIS STORMWATER DISCHARGE FACILITY HAVE BEEN DESIGNED / EXAMINED BY ME AND FOUND TO BE IN CONFORMITY WITH MODERN ENGINEERING PRINCIPLES APPLICABLE TO THE TREATMENT AND DISPOSAL OF STORMWATER POLLUTANTS. I FURTHER CERTIFY THAT THE FACILITY HAS BEEN DESIGNED IN ACCORDANCE WITH THE SPECIFICATION REQUIRED UNDER SECTION 526 THROUGH 535 OF DCMR-21, CHAPTER 5. IT IS ALSO STATED THAT THE UNDERSIGNED HAS FURNISHED THE APPLICANT WITH A SET OF INSTRUCTIONS FOR THE MAINTENANCE AND OPERATION OF THE STORMWATER DISCHARGE FACILITY.

NAME AND TITLE (PLEASE TYPE)

ADDRESS

DATE \_\_\_\_\_

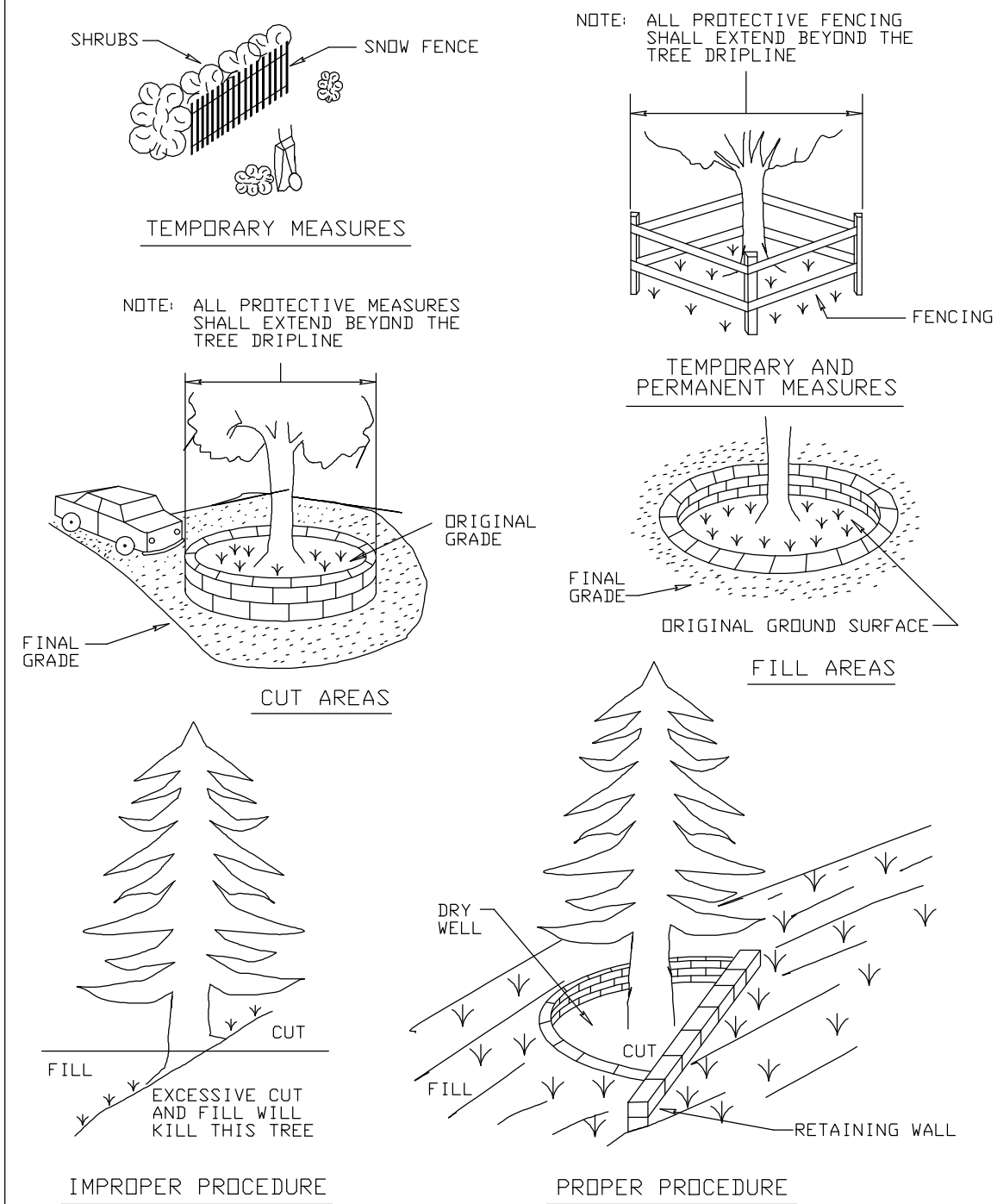
PHONE NO

DATE 02-06-2012	NOT TO SCALE	ESN-01
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<h2 style="margin: 0;">GREEN ALLEYS PROJECT</h2> <p style="margin: 0;">CONTRACT NO. DCKA-2010-T-0038</p>		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>SJZ</u> CHECKED BY <u>JDM</u> DRAWN BY <u>SJZ</u> PROJECT MGR. <u>JMC</u>
<h2 style="margin: 0;">EROSION &amp; SEDIMENT CONTROL</h2> <h2 style="margin: 0;">NOTES</h2>		DIVISION CHIEF _____  DATE _____  FILE _____  SHEET 069 OF 87



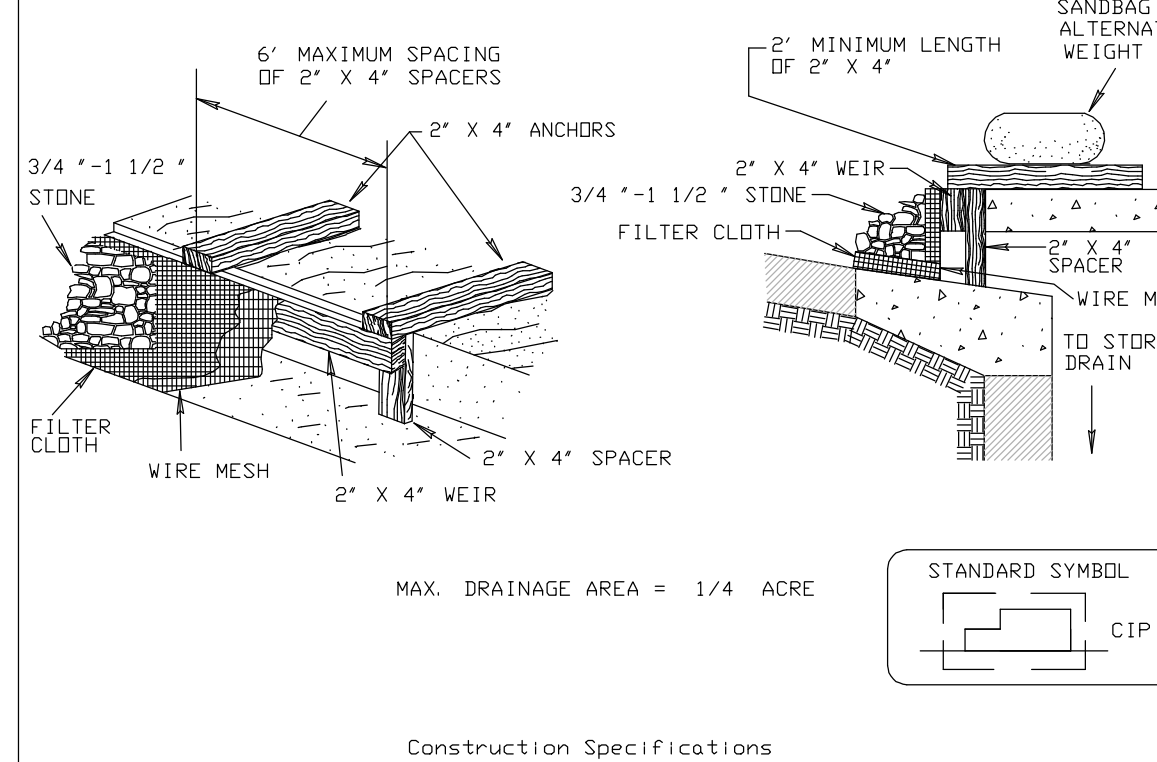
REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	35	57

DETAIL 31 - TREE PROTECTION



U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE G - 23 - 3	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT
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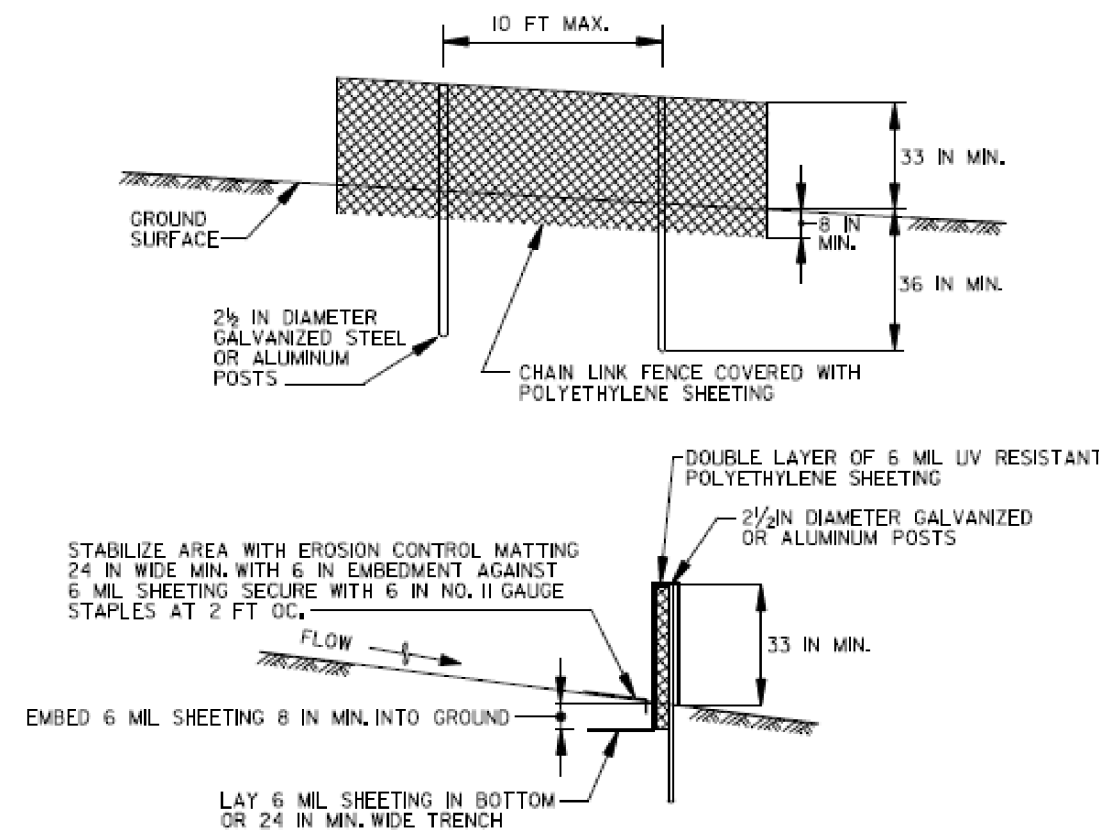
DETAIL 7C - CURB INLET PROTECTION (COG OR COS INLETS)



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 4") as shown on the standard drawing.
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 edges on 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 fronting 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. Assume 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
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DETAIL C-8 DIVERSION FENCE

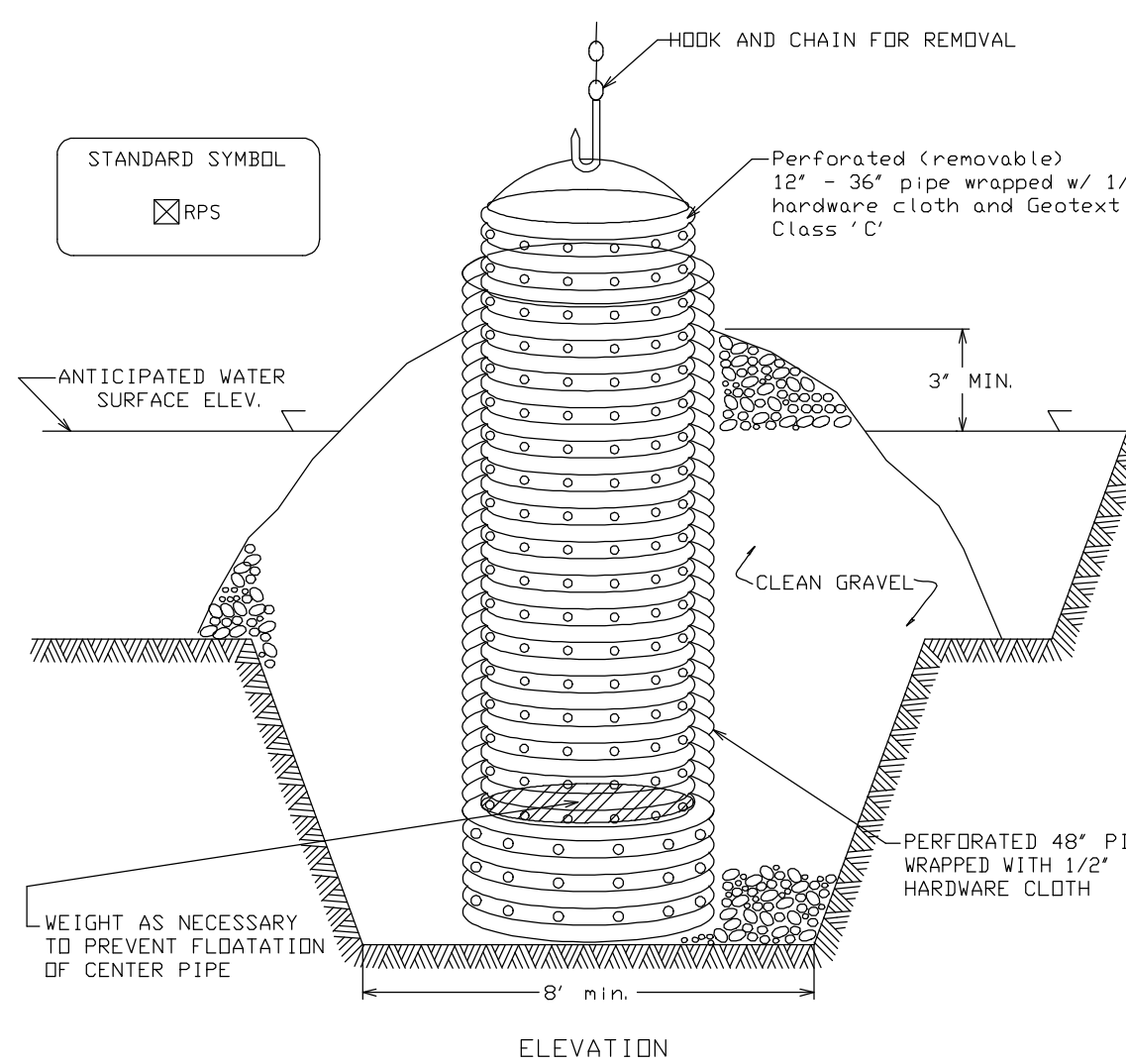


### CONSTRUCTION SPECIFICATIONS

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 CHAIN LINK FENCE SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE, STRESS 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 8 INCHES AND FOL 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
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DETAIL 20A - REMOVABLE PUMPING STATION

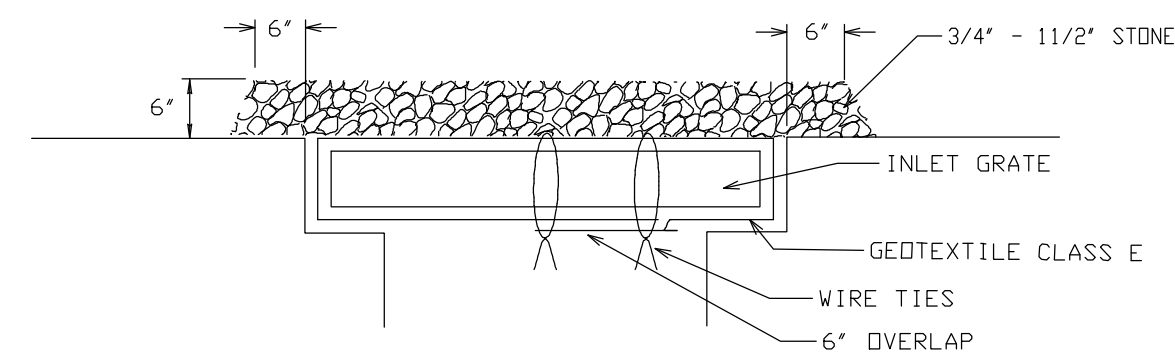
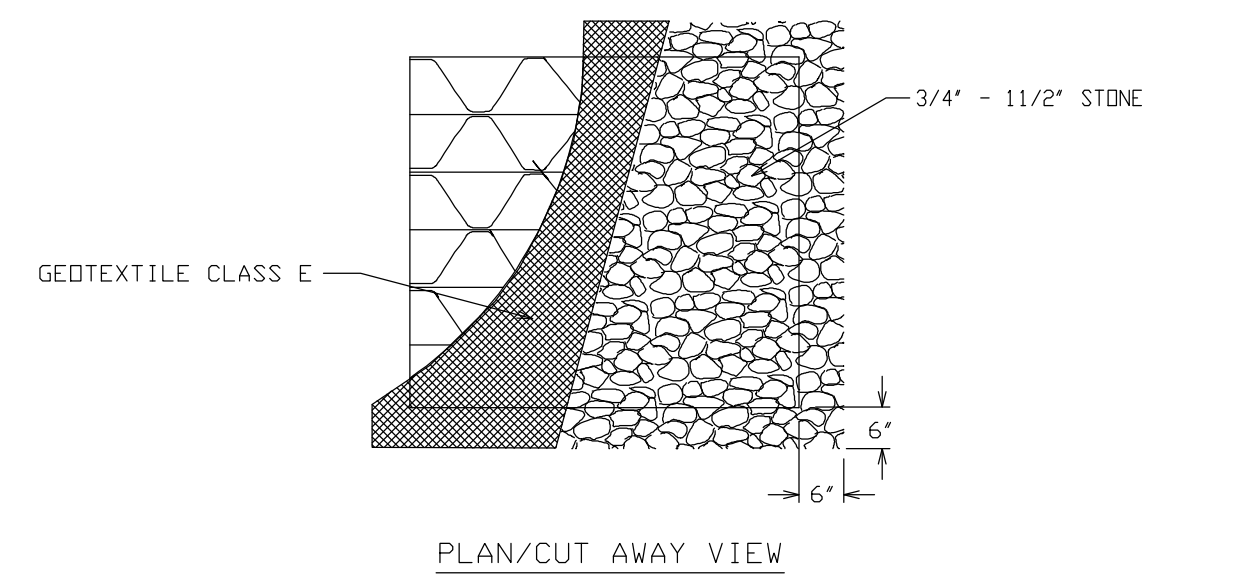


## Construction Specifications

1. The outer pipe should be 48" dia. or shall, in any case, be at least 4" greater in diameter than the center pipe. The outer pipe shall be wrapped with 1/2" hardware on the outside and a gasket between 12" from the outer perimeter and the center pipe.
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 48" diameter pipe with a 1/2" hole in diameter. The perforations shall be 1/2" x 8" slots 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 fabric.
4. The center pipe should extend 12" to 18" above the anticipated water surface elevation and be capped with a cap when drawdown is not required.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE G - 26 - 3	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT
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DETAIL 23B - AT GRADE INLET PROTECTION



### CROSS SECTION

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 1 1/2' stone, 4'-6' thick on the grate to secure the fabric and provide additional filtration.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE 5 - 16 - 5A	WATERSHED PROTECTION DIVISION DISTRICT DEPARTMENT OF THE ENVIRONMENT
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DATE 09-23-2013	NOT TO SCALE	ESD-01
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**d. D.C. DEPARTMENT OF TRANSPORTATION  
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION  
PROJECT MANAGEMENT DIVISION**

GREEN ALLEYS PROJECT  
CHEVY CHASE  
CONTRACT NO. DCKA-XXXX-X-XXXX

PROJECT ENG. SJZ  
DESIGNED BY CJK / SJZ  
CHECKED BY JDM  
DRAWN BY CJK / SJZ  
PROJECT MGR. JMC

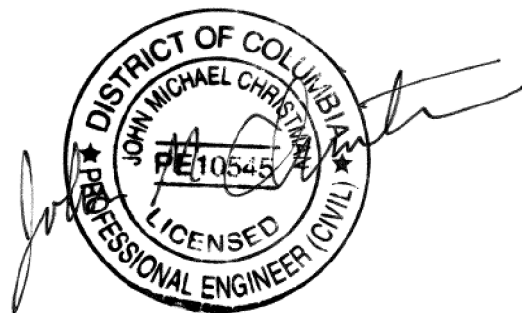
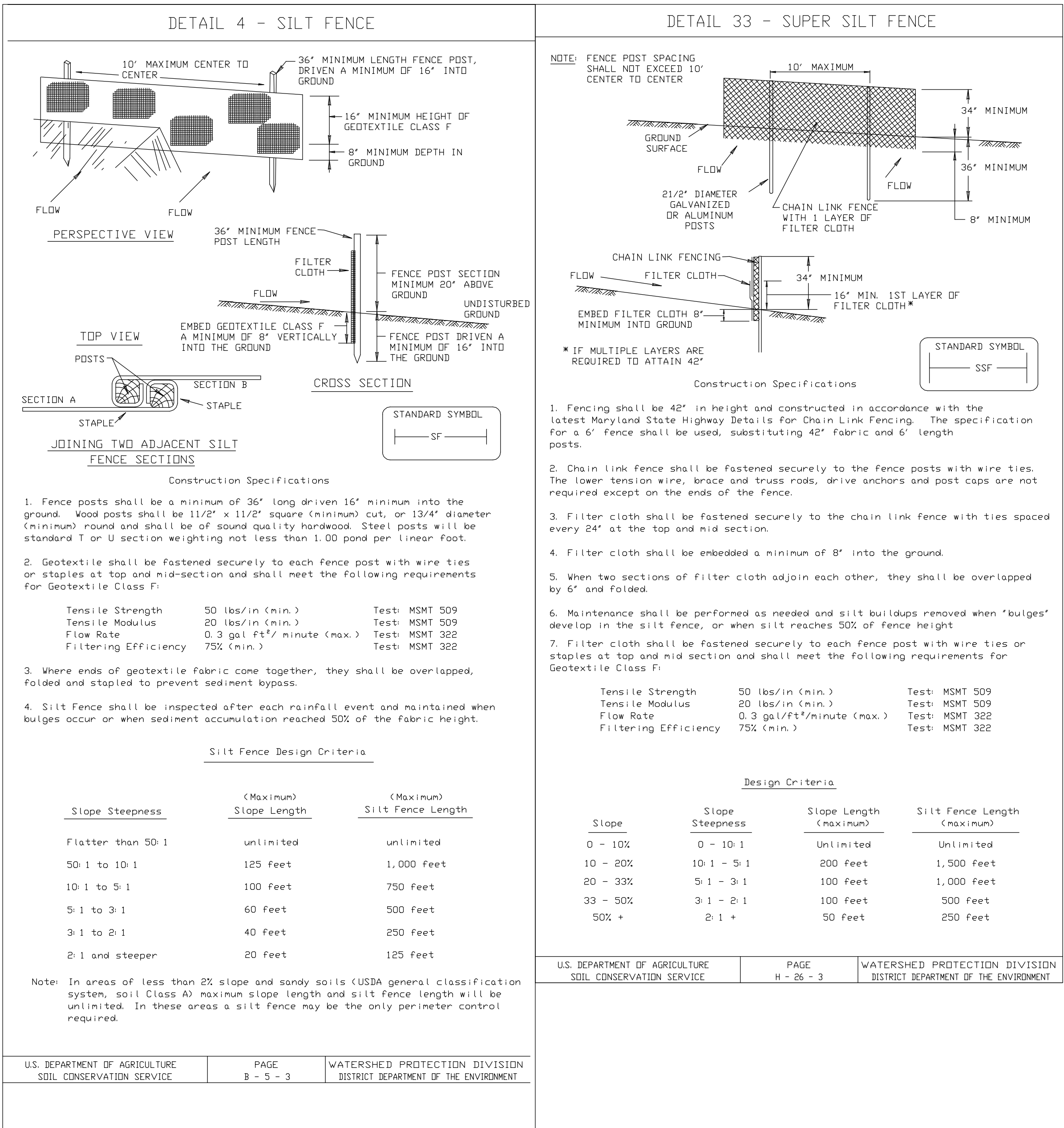
## EROSION & SEDIMENT CONTROL DETAILS

DIVISION CHIEF \_\_\_\_\_  
DATE \_\_\_\_\_  
FILE \_\_\_\_\_  
SHEET 35 OF 57

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Tuesday, September 24, 2013 AT 09:53 AM

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Tuesday, September 24, 2013 AT 09:53 AM

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	36	57



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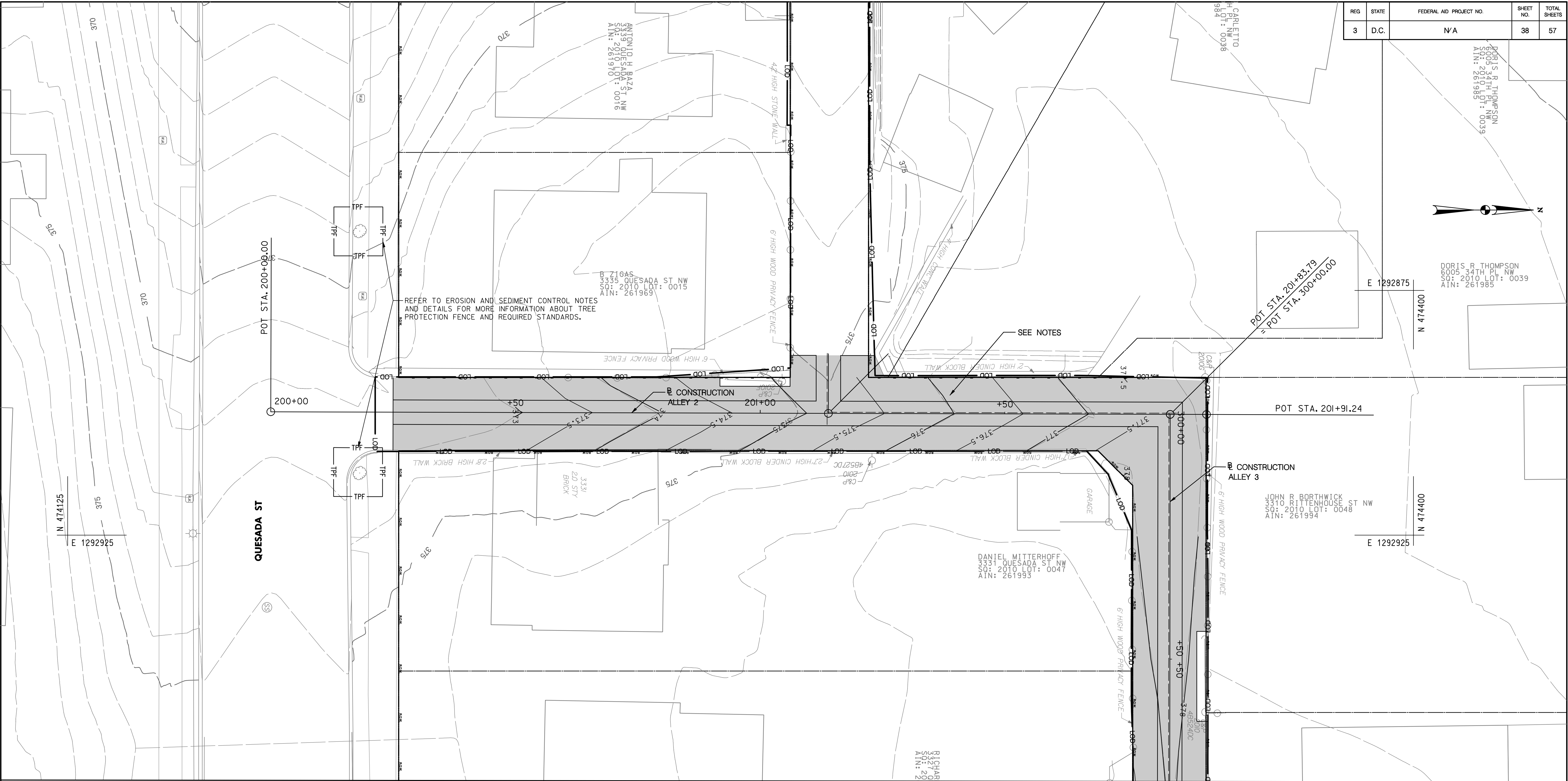
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REVISIONS			

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GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>SJZ</u> CHECKED BY <u>JDM</u> DRAWN BY <u>SJZ</u> PROJECT MGR. <u>JMC</u>
EROSION & SEDIMENT CONTROL DETAILS		DIVISION CHIEF  DATE _____ FILE _____ SHEET 36 OF 57



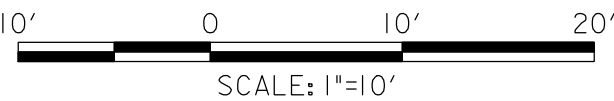
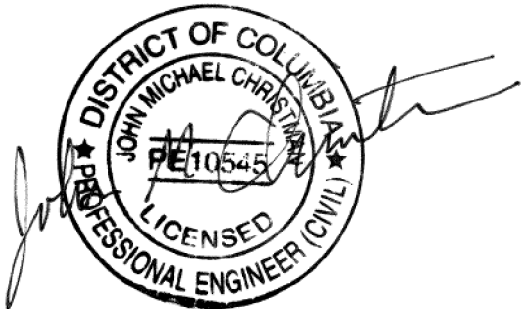


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Tuesday, September 24, 2013 AT 09:53 AM



MATCH LINE STA. 300+75 – SEE SHEET ES-03

TREE PROTECTION FENCE	
28 LF	CHEVY CHASE 2 - STA. 200+17.79, 37' LT.
28 LF	CHEVY CHASE 2 - STA. 200+17.87, 12' RT.



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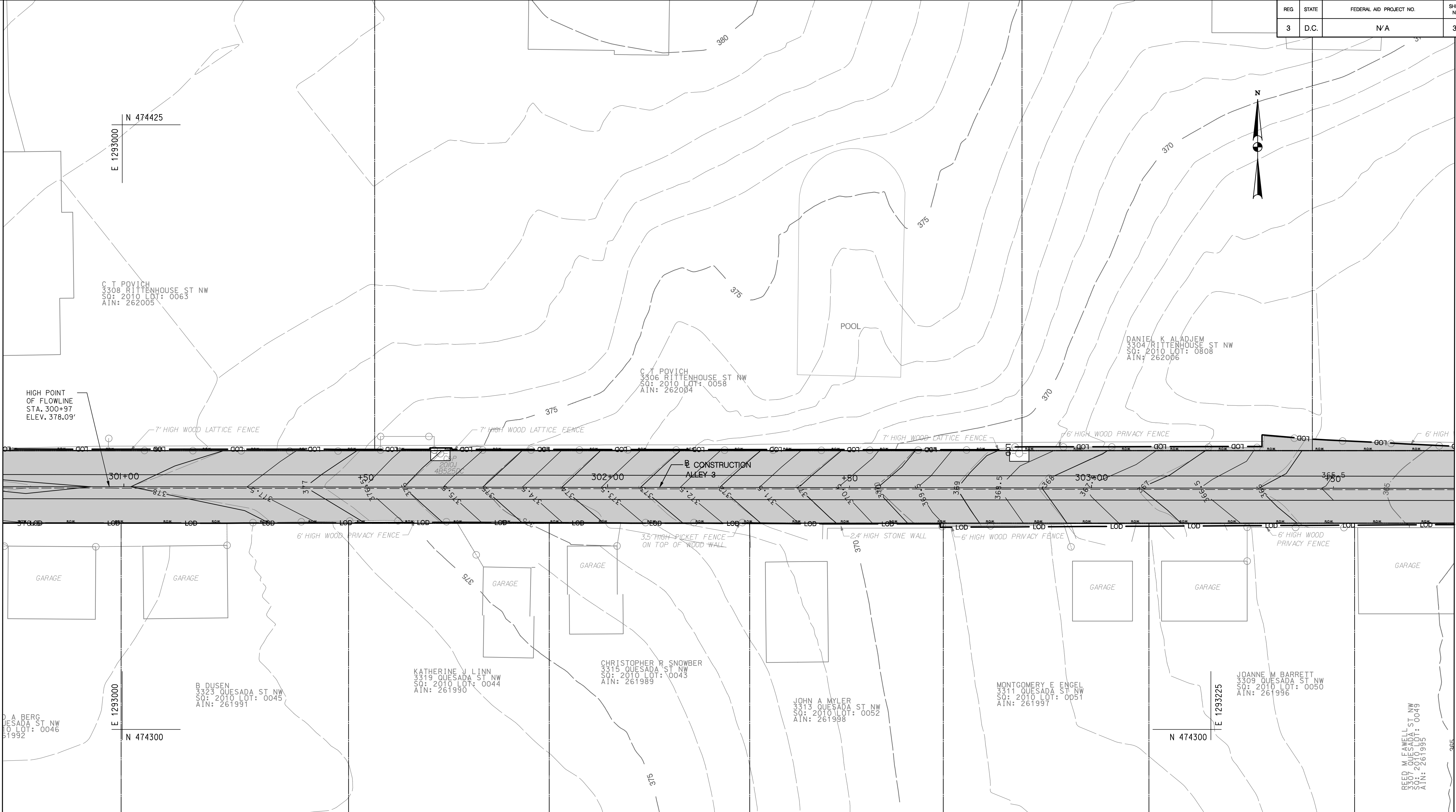
NO.	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 10'	ES-02
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GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>SLZ</u> DESIGNED BY <u>CLK/SLZ</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CLK/SLZ</u> PROJECT MGR. <u>JMC</u>
EROSION & SEDIMENT CONTROL PLAN PHASE 1 STA. 200+00 TO STA. 201+84		DIVISION CHIEF DATE _____ FILE _____ SHEET 38 OF 57

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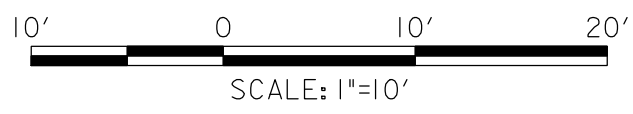
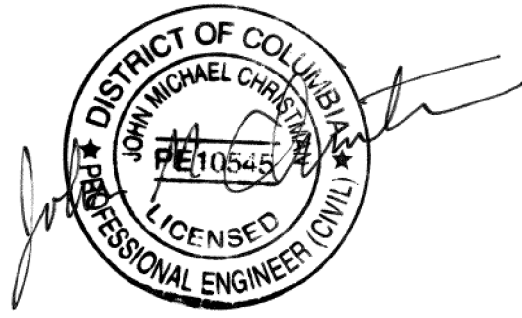
MATCH LINE STA. 300 + 75 - SEE SHEET ES-02

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	39	57



MATCH LINE STA. 303 + 75 - SEE SHEET ES-04

DATE 09-23-2013	SCALE: 1" = 10'	ES-03
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>SLZ</u> DESIGNED BY <u>CLK/SLZ</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CLK/SLZ</u> PROJECT MGR. <u>JMC</u>
EROSION & SEDIMENT CONTROL PLAN PHASE 1 STA. 300 + 50 TO STA. 303 + 50		DIVISION CHIEF DATE _____ FILE _____ SHEET 39 OF 57

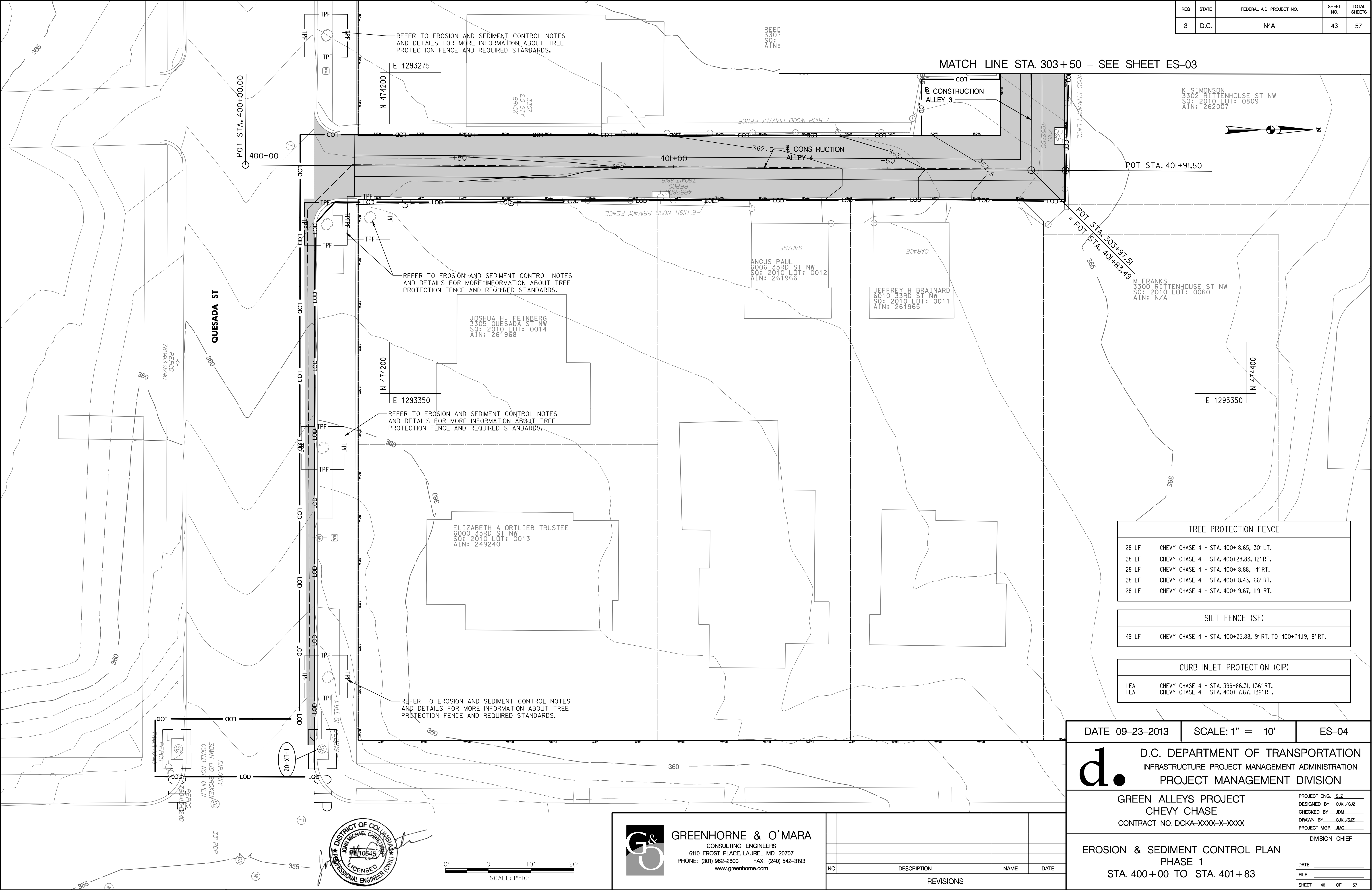


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REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	43	57



TREE PROTECTION FENCE	
28 LF	CHEVY CHASE 4 - STA. 400+18.65, 30' LT.
28 LF	CHEVY CHASE 4 - STA. 400+28.83, 12' RT.
28 LF	CHEVY CHASE 4 - STA. 400+18.88, 14' RT.
28 LF	CHEVY CHASE 4 - STA. 400+18.43, 66' RT.
28 LF	CHEVY CHASE 4 - STA. 400+19.67, 119' RT.

SILT FENCE (SF)	
49 LF	CHEVY CHASE 4 - STA. 400+25.88, 9' RT. TO 400+74.19, 8' RT.

CURB INLET PROTECTION (CIP)	
1 EA	CHEVY CHASE 4 - STA. 399+86.31, 136' RT.
1 EA	CHEVY CHASE 4 - STA. 400+17.67, 136' RT.

DATE 09-23-2013

SCALE: 1" = 10'

ES-04

d.

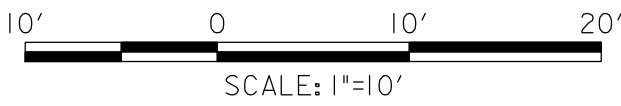
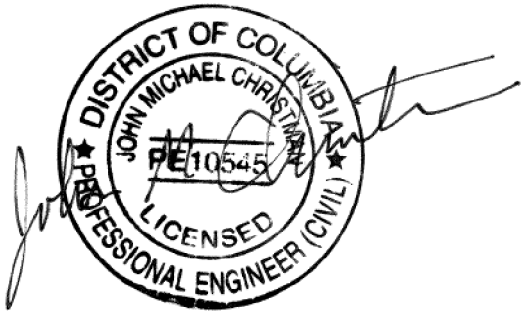
D.C. DEPARTMENT OF TRANSPORTATION  
INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION  
PROJECT MANAGEMENT DIVISION

GREEN ALLEYS PROJECT  
CHEVY CHASE  
CONTRACT NO. DCKA-XXXX-X-XXXX

PROJECT ENG. SJZ  
DESIGNED BY CJK/SJZ  
CHECKED BY JDM  
DRAWN BY CJK/SJZ  
PROJECT MGR. JMC

EROSION & SEDIMENT CONTROL PLAN  
PHASE 1  
STA. 400+00 TO STA. 401+83

DIVISION CHIEF  
DATE \_\_\_\_\_  
FILE \_\_\_\_\_  
SHEET 40 OF 57

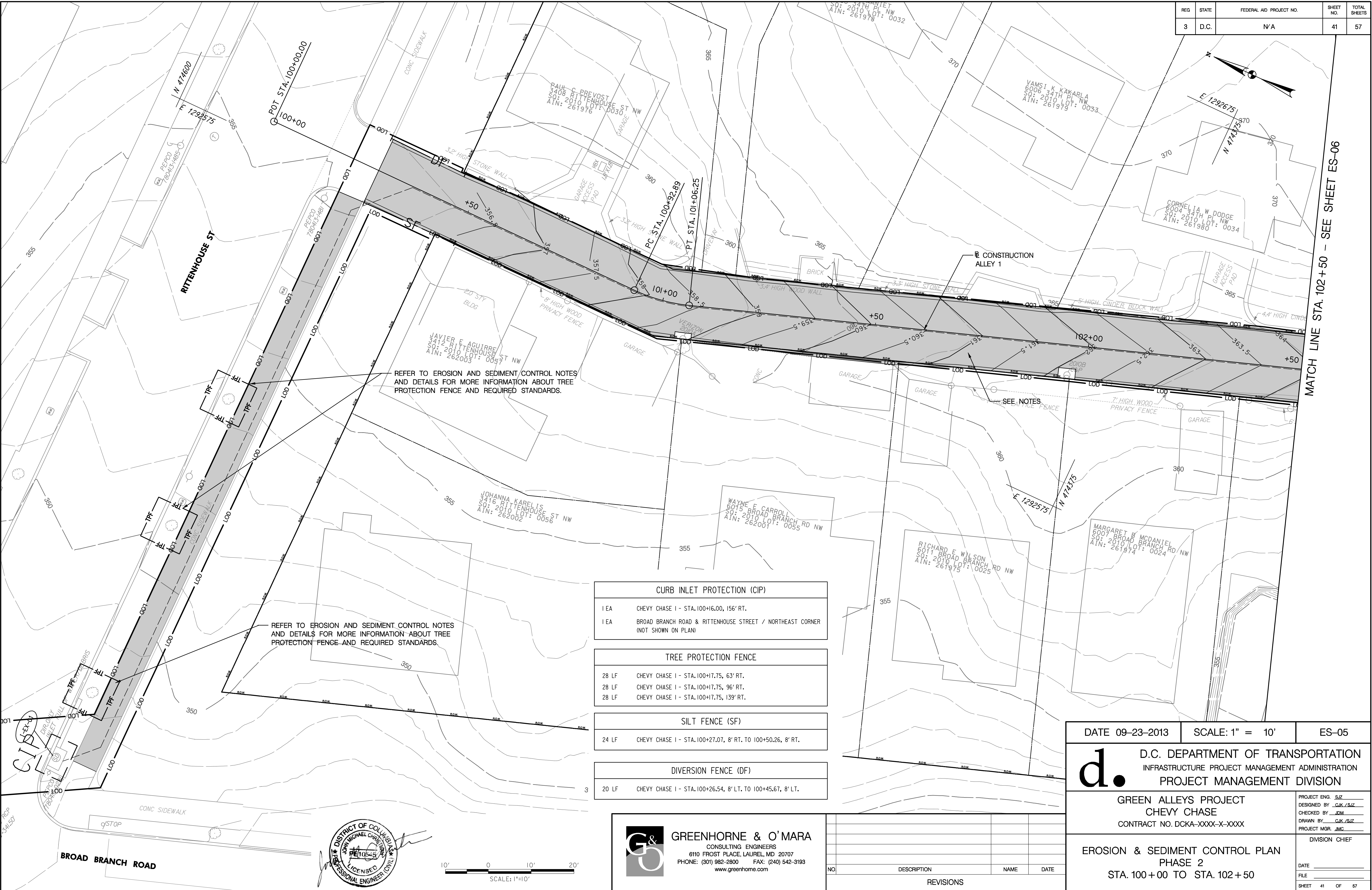


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Tuesday, September 24, 2013 AT 09:54 AM



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	41	57

CURB INLET PROTECTION (CIP)	
1 EA	CHEVY CHASE I - STA. 100+16.00, 156' RT.
1 EA	BROAD BRANCH ROAD & RITTENHOUSE STREET / NORTHEAST CORNER (NOT SHOWN ON PLAN)

TREE PROTECTION FENCE	
28 LF	CHEVY CHASE I - STA. 100+17.75, 63' RT.
28 LF	CHEVY CHASE I - STA. 100+17.75, 96' RT.
28 LF	CHEVY CHASE I - STA. 100+17.75, 139' RT.

SILT FENCE (SF)	
24 LF	CHEVY CHASE I - STA. 100+27.07, 8' RT. TO 100+50.26, 8' RT.

DIVERSION FENCE (DF)	
20 LF	CHEVY CHASE I - STA. 100+26.54, 8' LT. TO 100+45.67, 8' LT.

DATE 09-23-2013

SCALE: 1" = 10'

ES-05

d.

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

GREEN ALLEYS PROJECT  
CHEVY CHASE  
CONTRACT NO. DCKA-XXXX-X-XXXX

PROJECT ENG. SLZ  
DESIGNED BY CJK/SLZ  
CHECKED BY JCM  
DRAWN BY CJK/SLZ  
PROJECT MGR. JMC

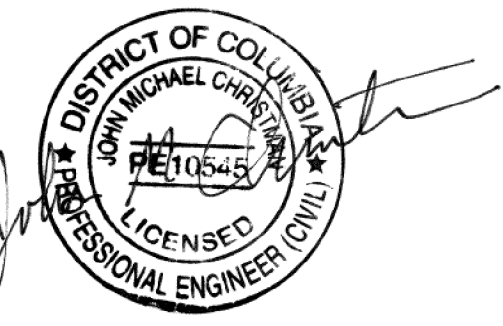
EROSION & SEDIMENT CONTROL PLAN  
PHASE 2  
STA. 100 + 00 TO STA. 102 + 50

DIVISION CHIEF  
DATE \_\_\_\_\_  
FILE \_\_\_\_\_  
SHEET 41 OF 57

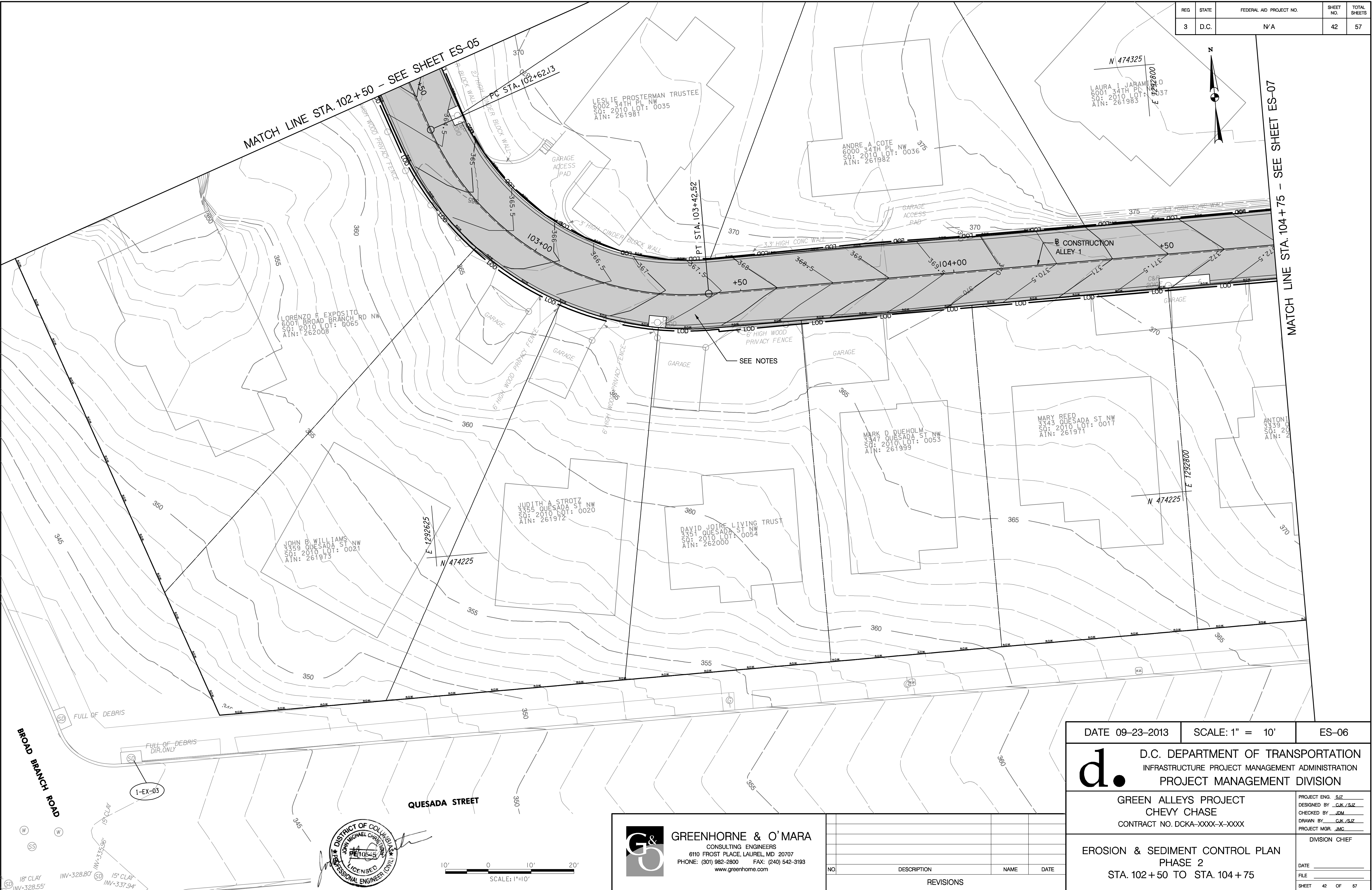
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REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
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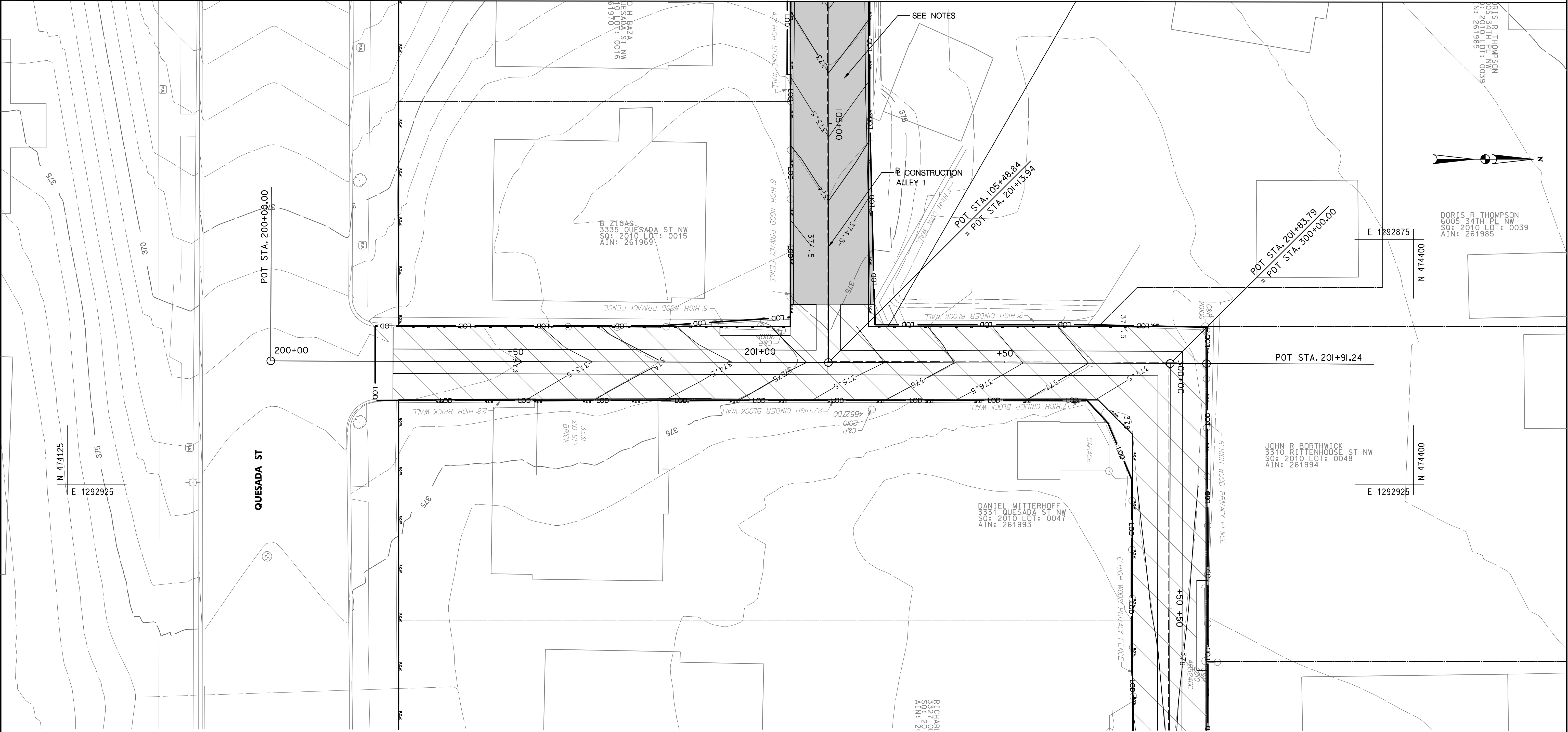
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GREEN ALLEYS PROJECT CHEV CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>SLZ</u> DESIGNED BY <u>CJK/SLZ</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK/SLZ</u> PROJECT MGR. <u>JMC</u>
EROSION & SEDIMENT CONTROL PLAN PHASE 2 STA. 102 + 50 TO STA. 104 + 75		DIVISION CHIEF DATE _____ FILE _____ SHEET 42 OF 57

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REVISIONS			

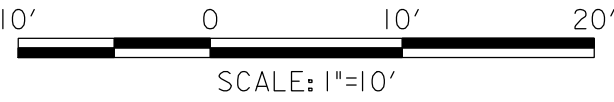
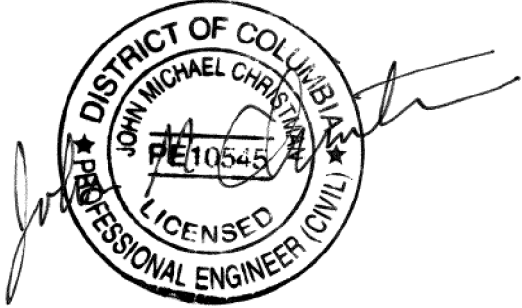


REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N/A	43	57

MATCH LINE STA. 104+75 – SEE SHEET ES-06



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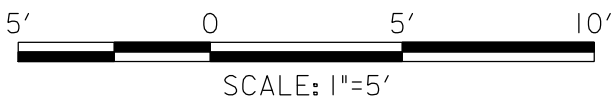
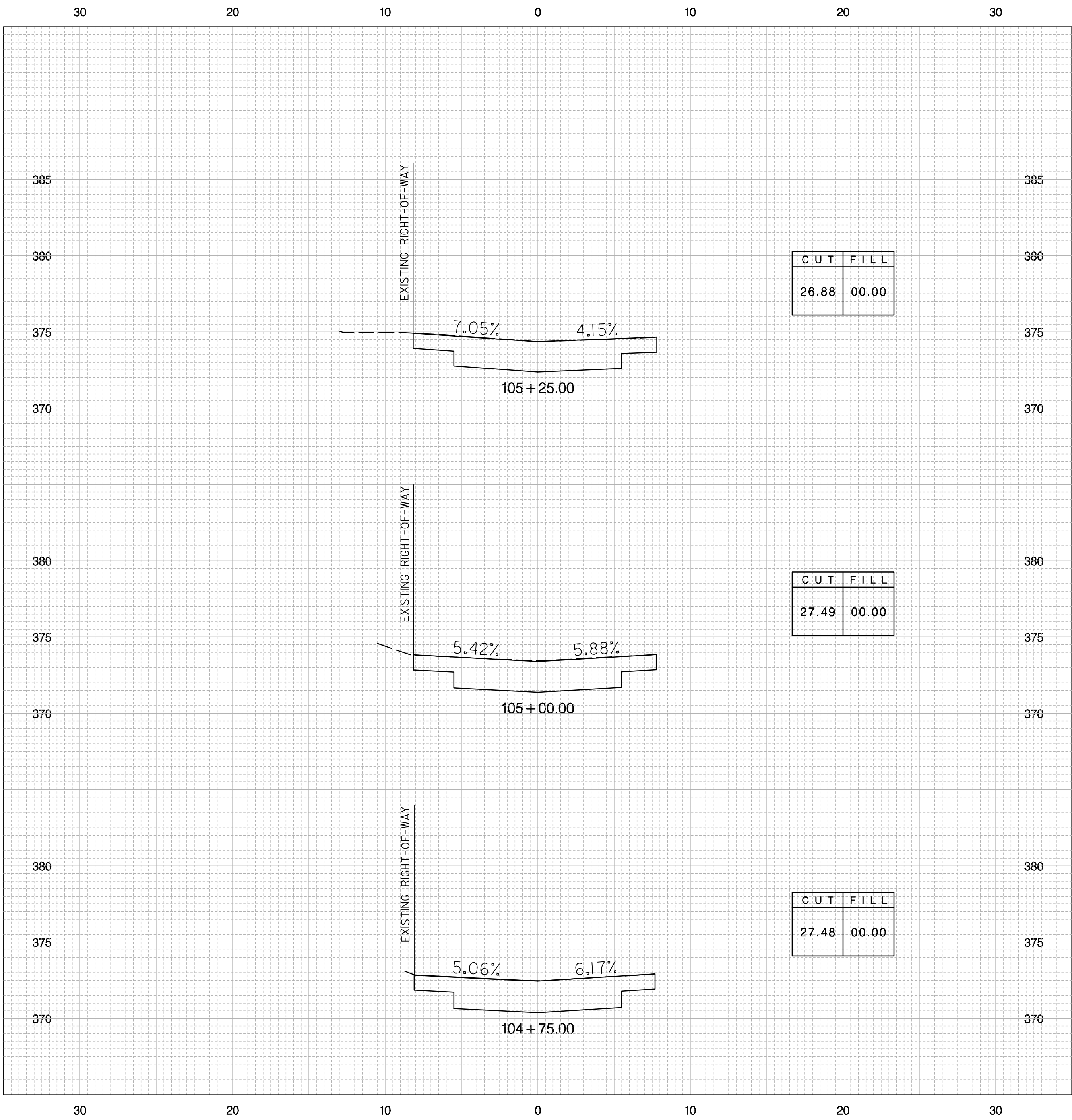
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DATE 09-23-2013	SCALE: 1" = 10'	ES-07
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. <u>  SJZ  </u> DESIGNED BY <u>  CJL/SJZ  </u> CHECKED BY <u>  JDM  </u> DRAWN BY <u>  CJL/SJZ  </u> PROJECT MGR. <u>  JMC  </u>
EROSION & SEDIMENT CONTROL PLAN PHASE 2 STA. 200+00 TO STA. 201+84		DIVISION CHIEF  DATE <u>          </u> FILE <u>          </u> SHEET 43 OF 57



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
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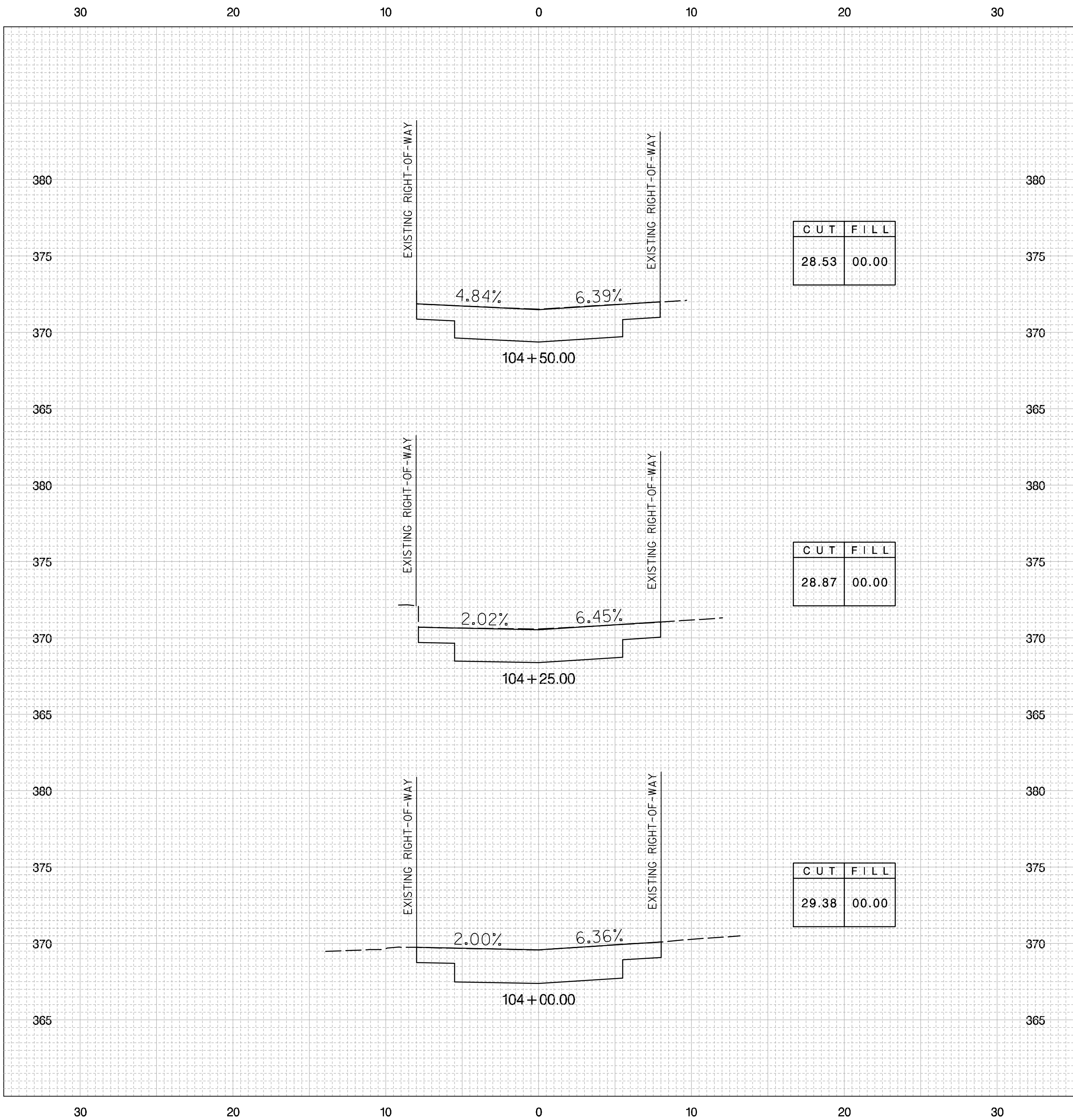
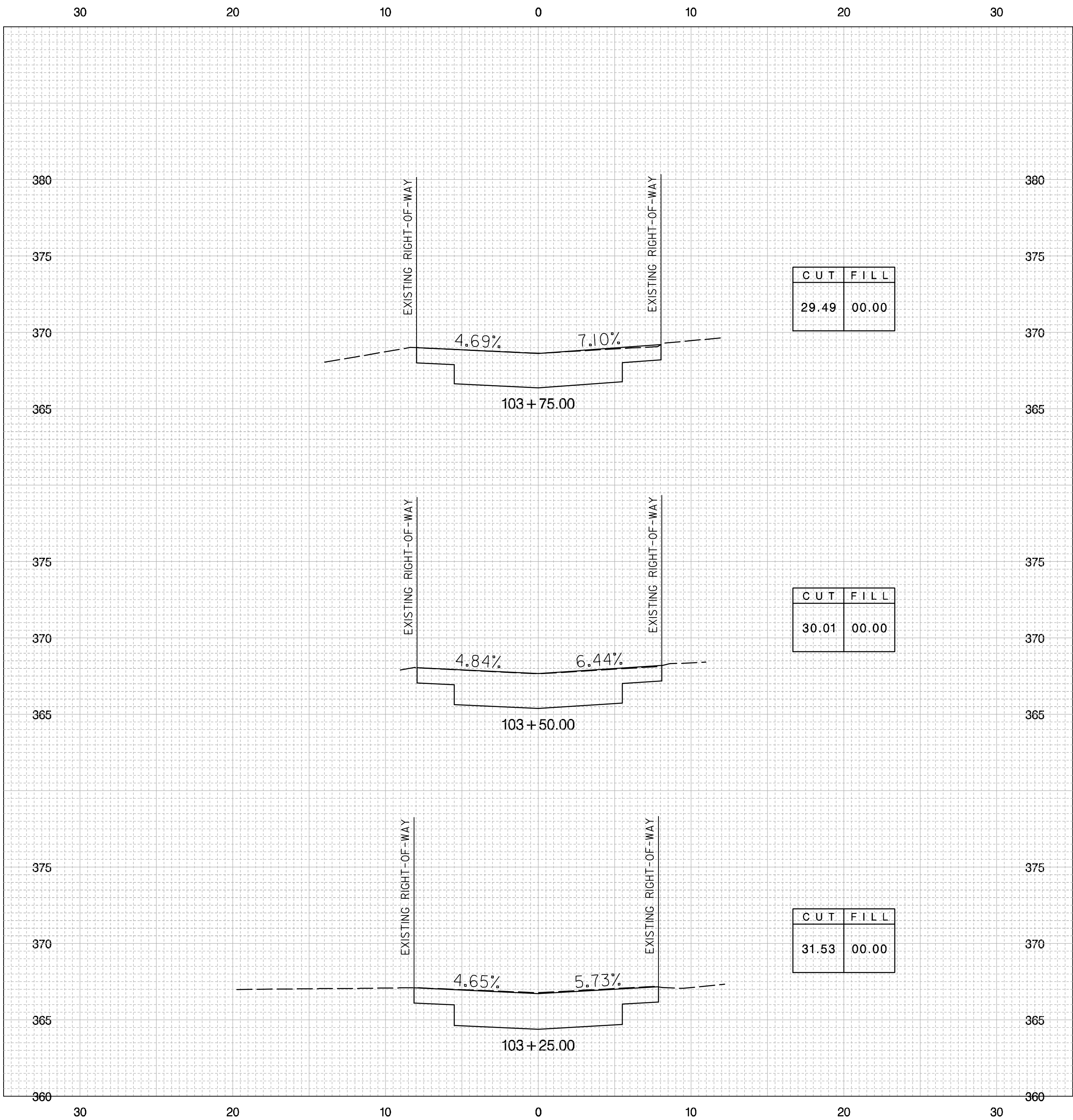


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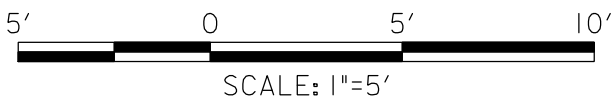
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REVISIONS			

DATE 09-23-2013	SCALE: 1" = 5'	XS - 04
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GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 104 + 75.00 TO 105 + 25.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 47 OF 57

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
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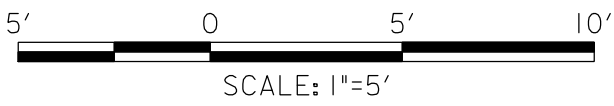
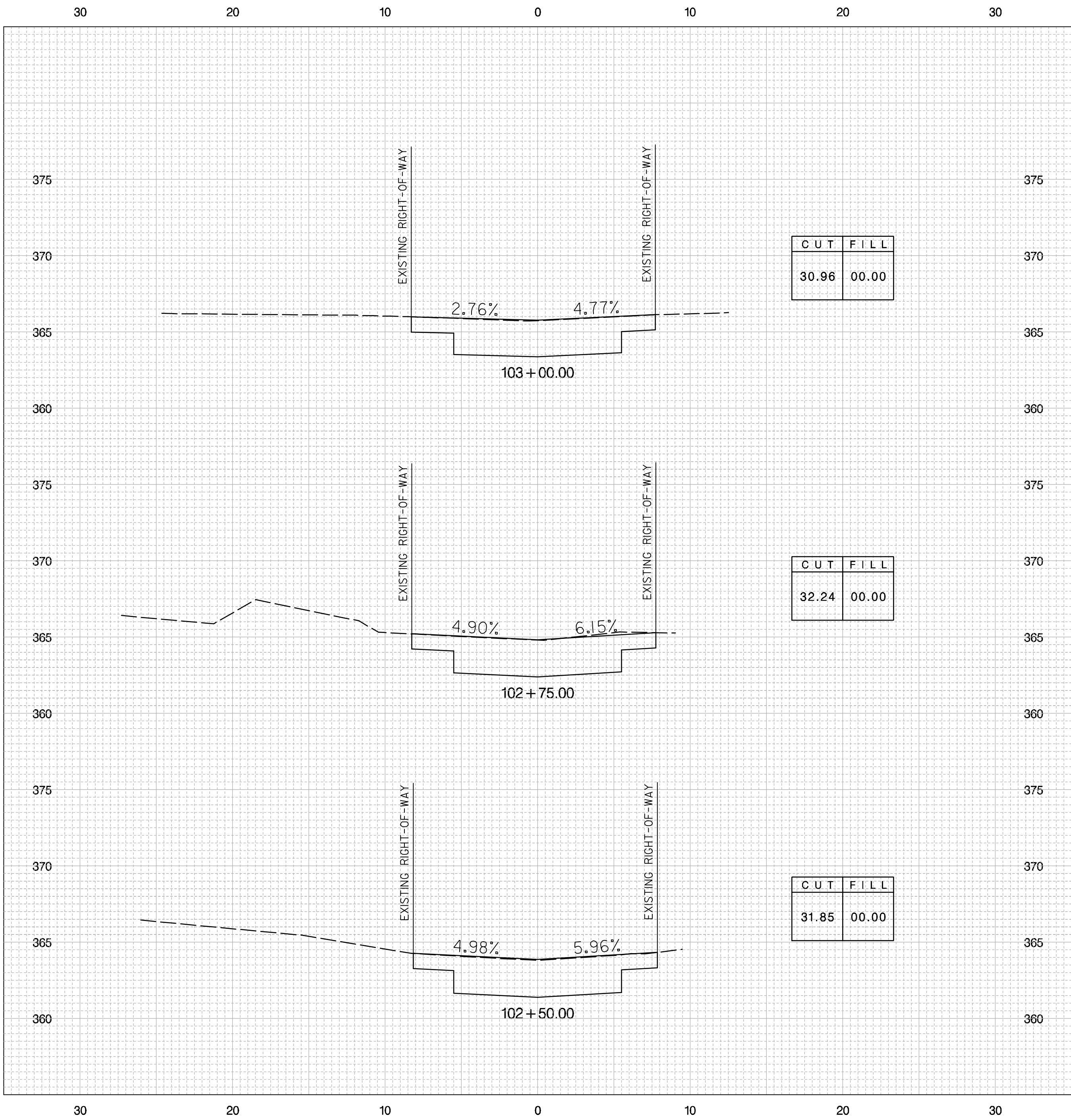
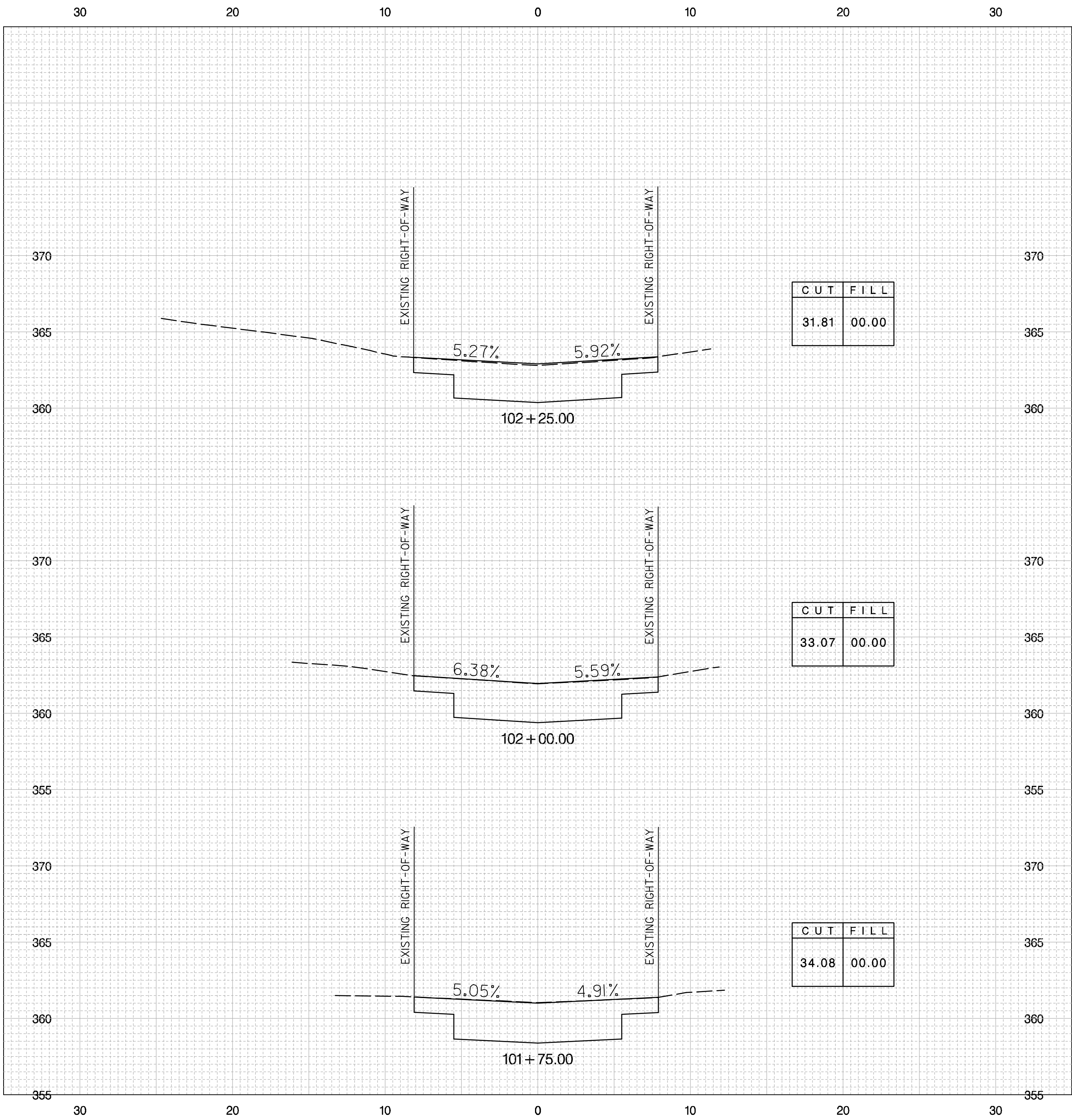
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DATE 09-23-2013	SCALE: 1" = 5'	XS - 03
d. D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 103 + 25.00 TO 104 + 50.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 46 OF 57



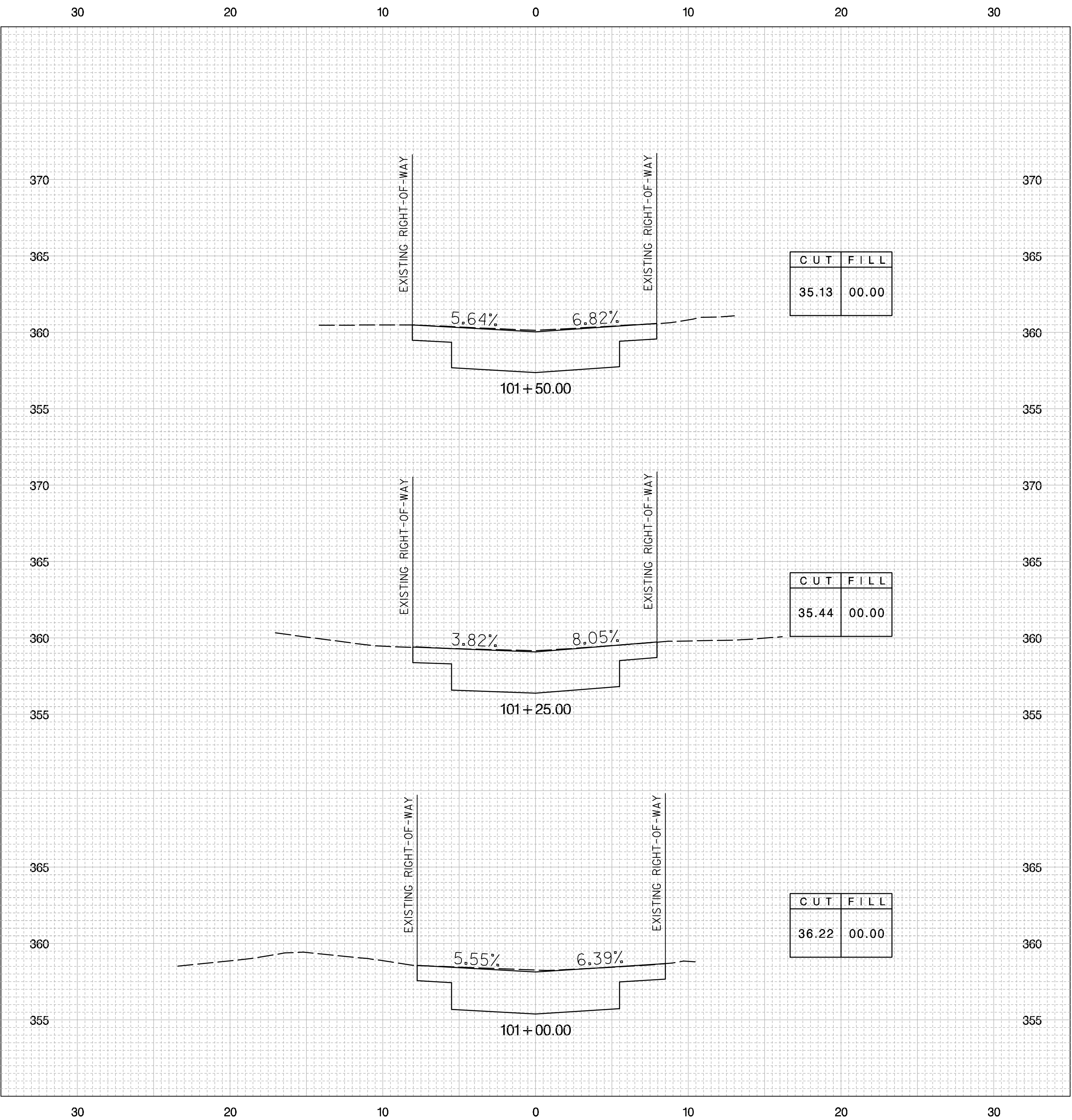
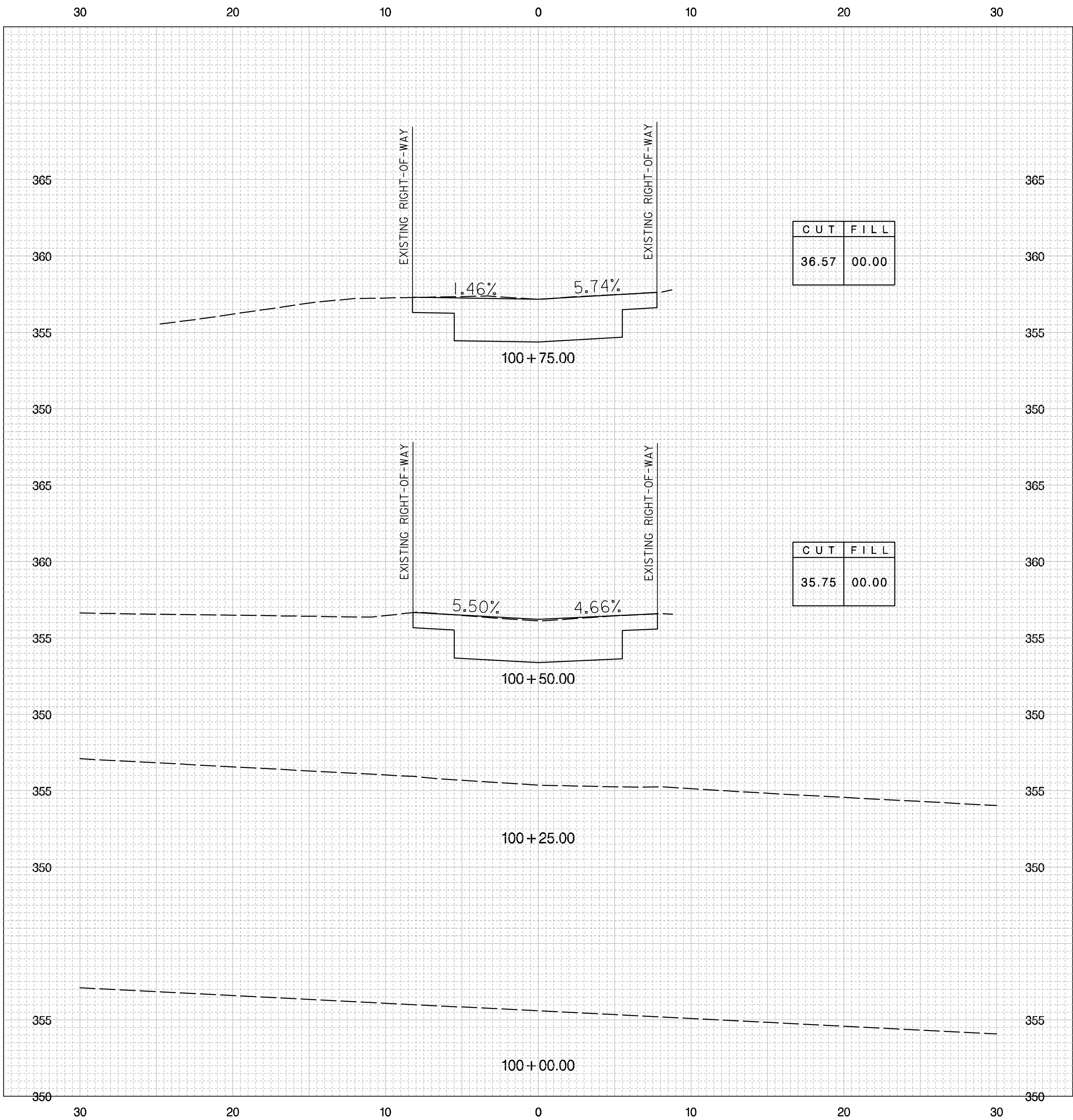
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DATE 09-23-2013	SCALE: 1" = 5'	XS - 02
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GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 101 + 75.00 TO 103 + 00.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 45 OF 57



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	44	57



U:\202603\049\006\_green\_alleys\Trans\cadd\Sheet\_Files\PHC-CHEV-GreenAlleys.dgn  
Tuesday, September 24, 2013 AT 09:54 AM

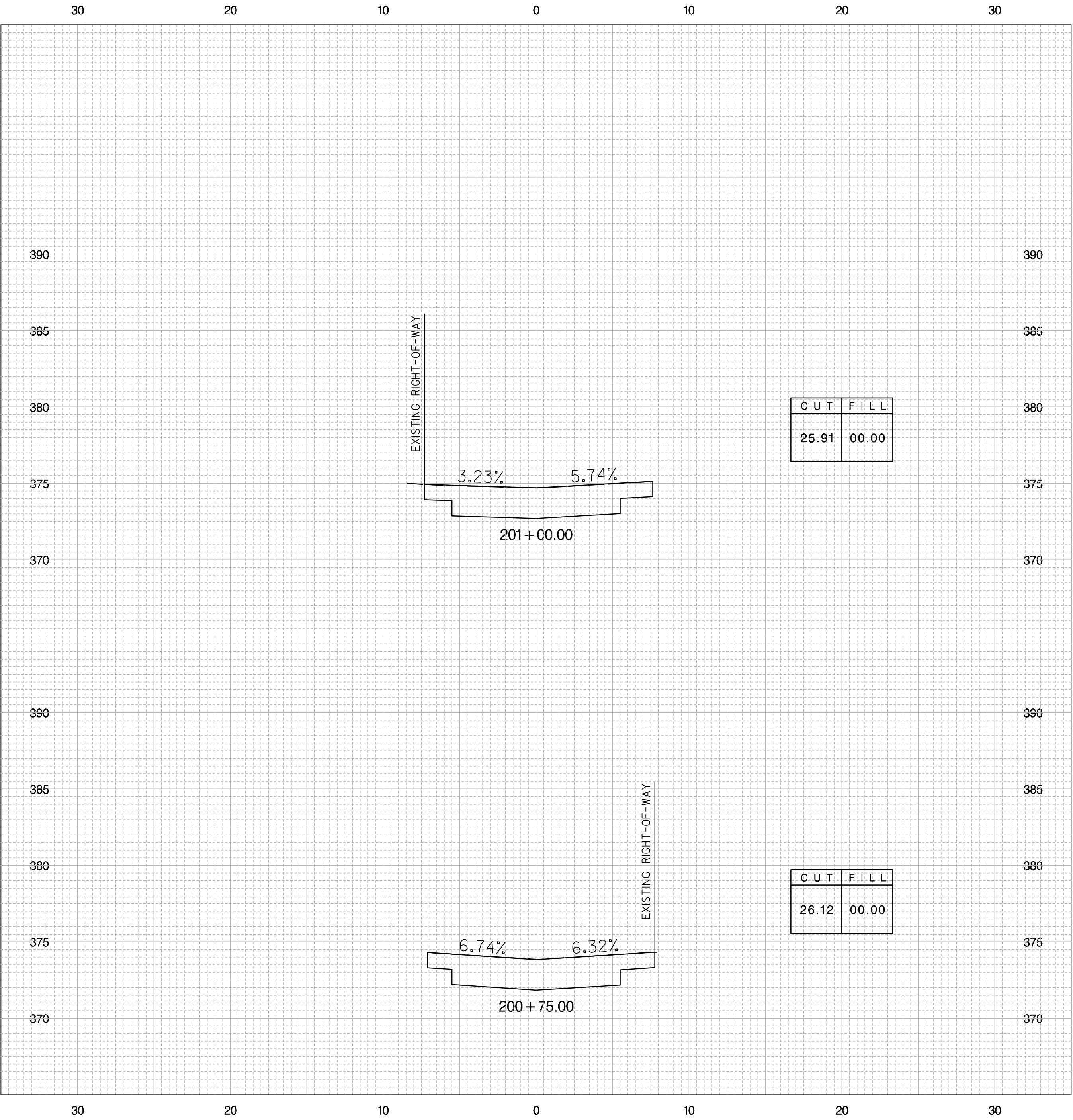
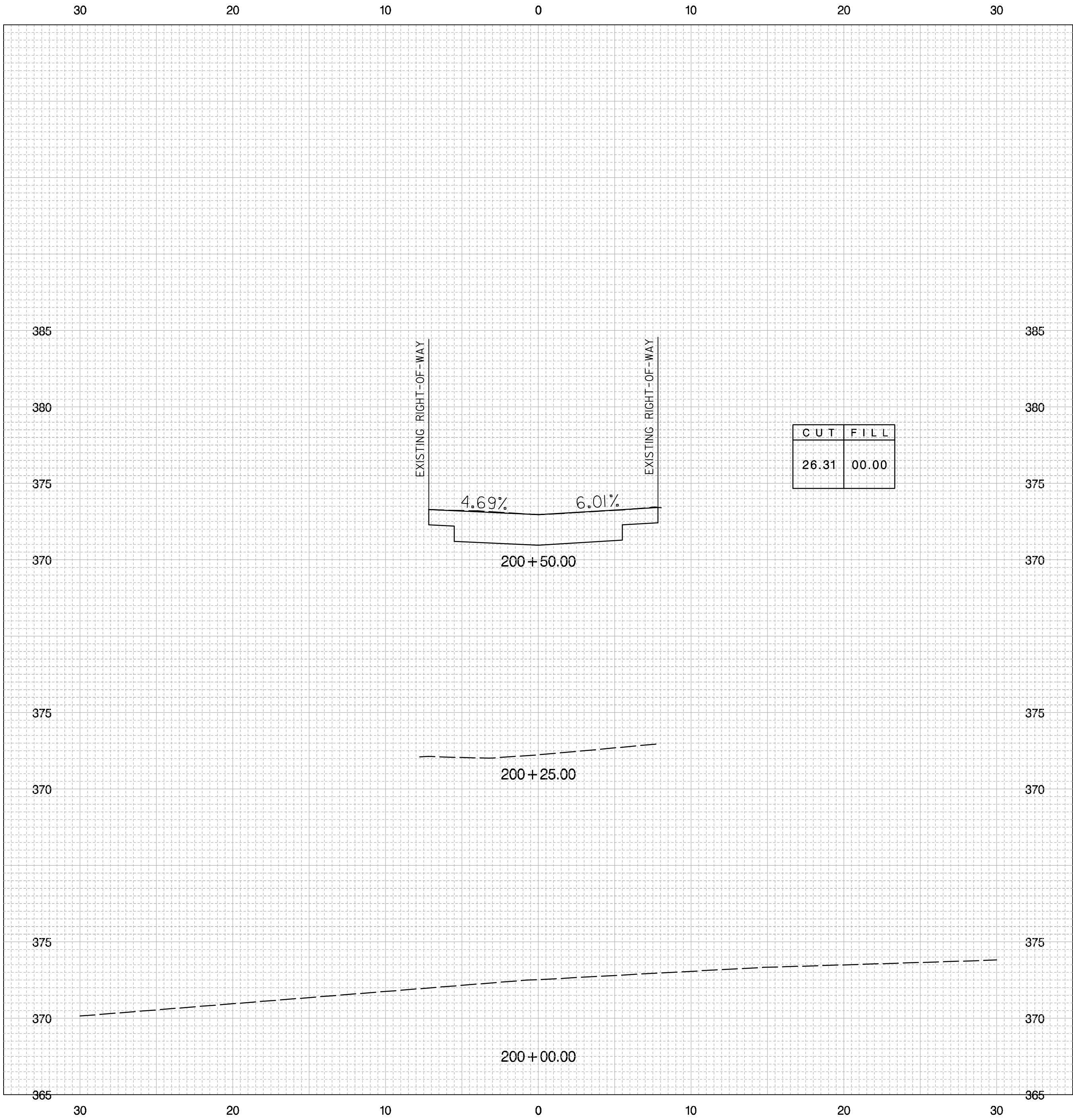


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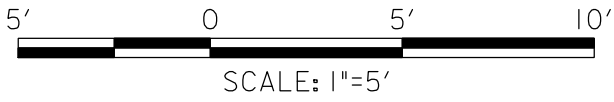
NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 5'	XS - 01
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 100+00.00 TO 101+50.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 44 OF 57

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	48	57



U:\202603\049\006\_green\_alleys\Trans\cadd\Sheet\_Files\PHG-CHEV-GreenAlleys.dgn  
Tuesday, September 24, 2013 AT 09:55 AM

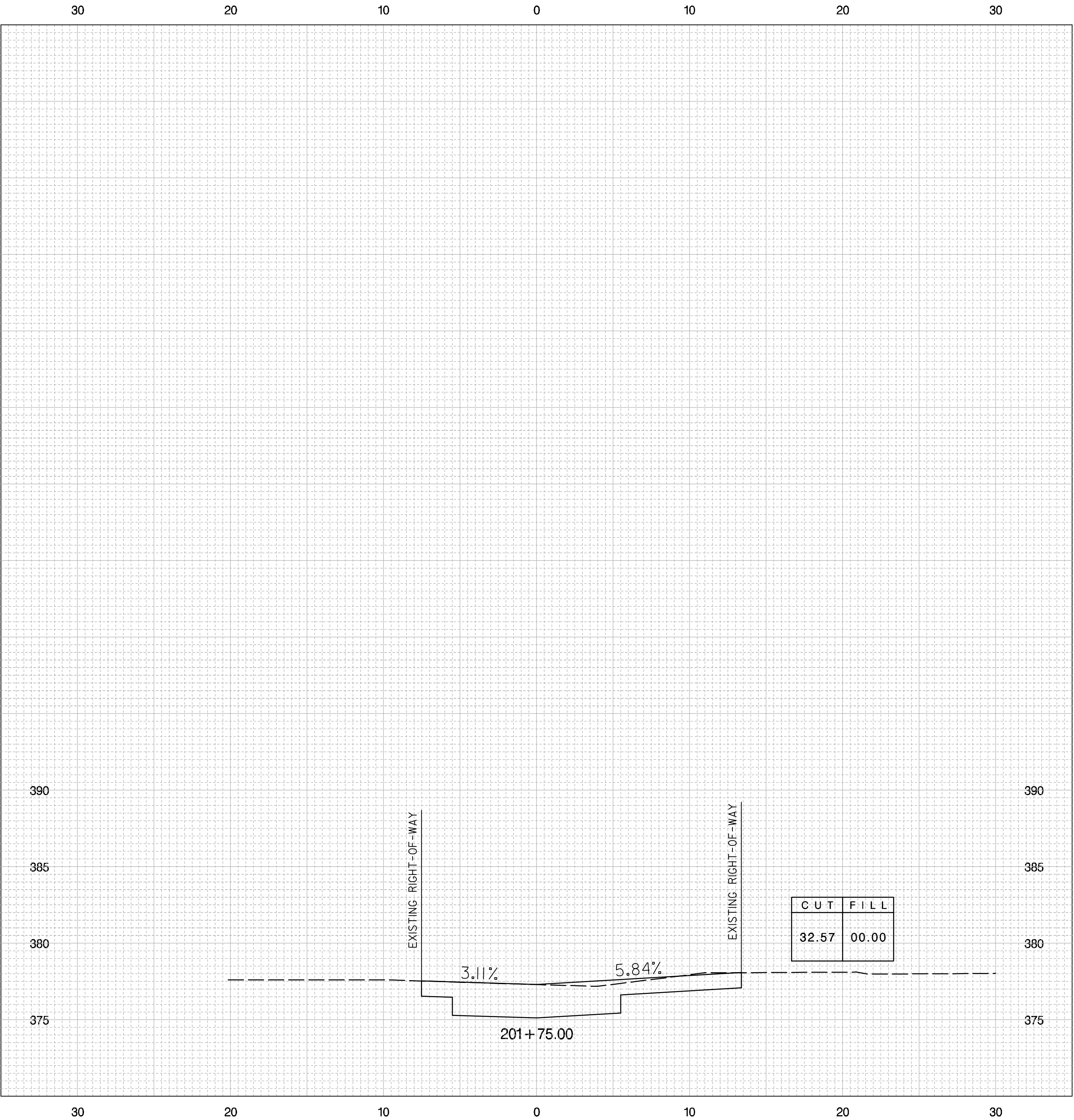
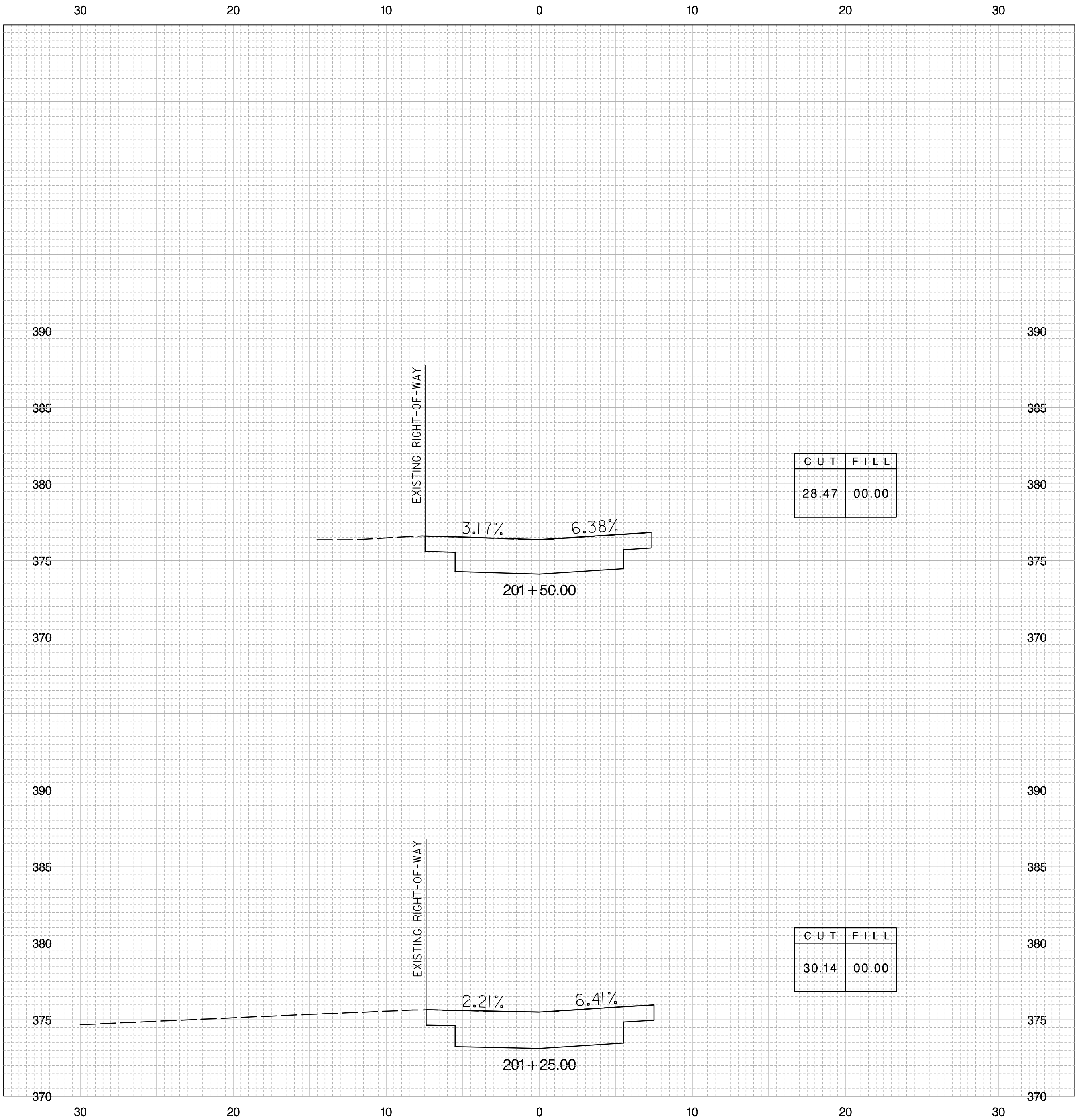


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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 5'	XS - 05
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 200+00.00 TO 201+00.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 48 OF 57

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	49	57



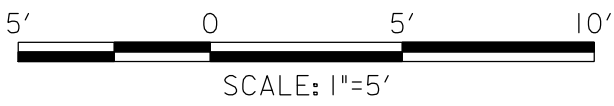
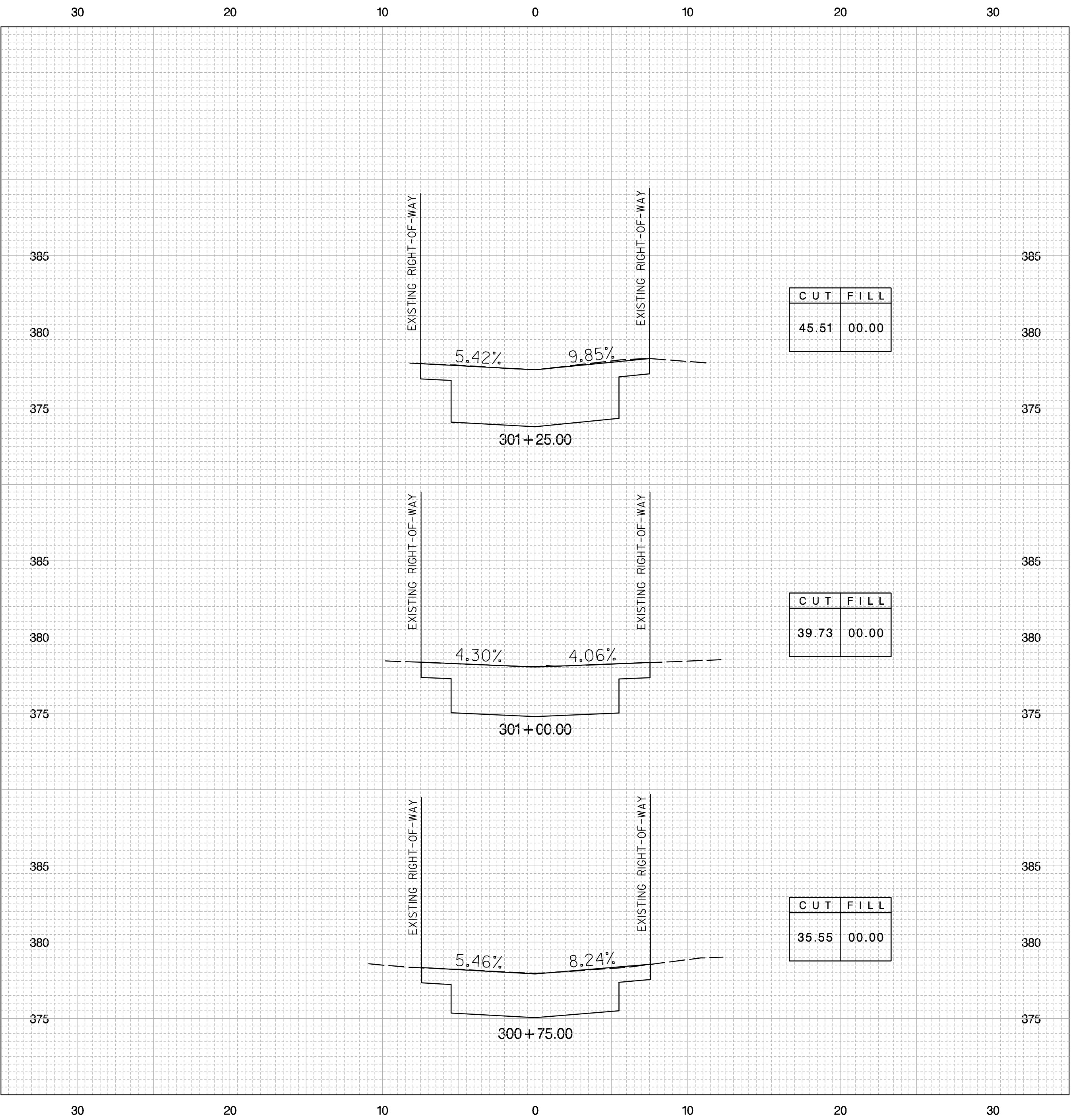
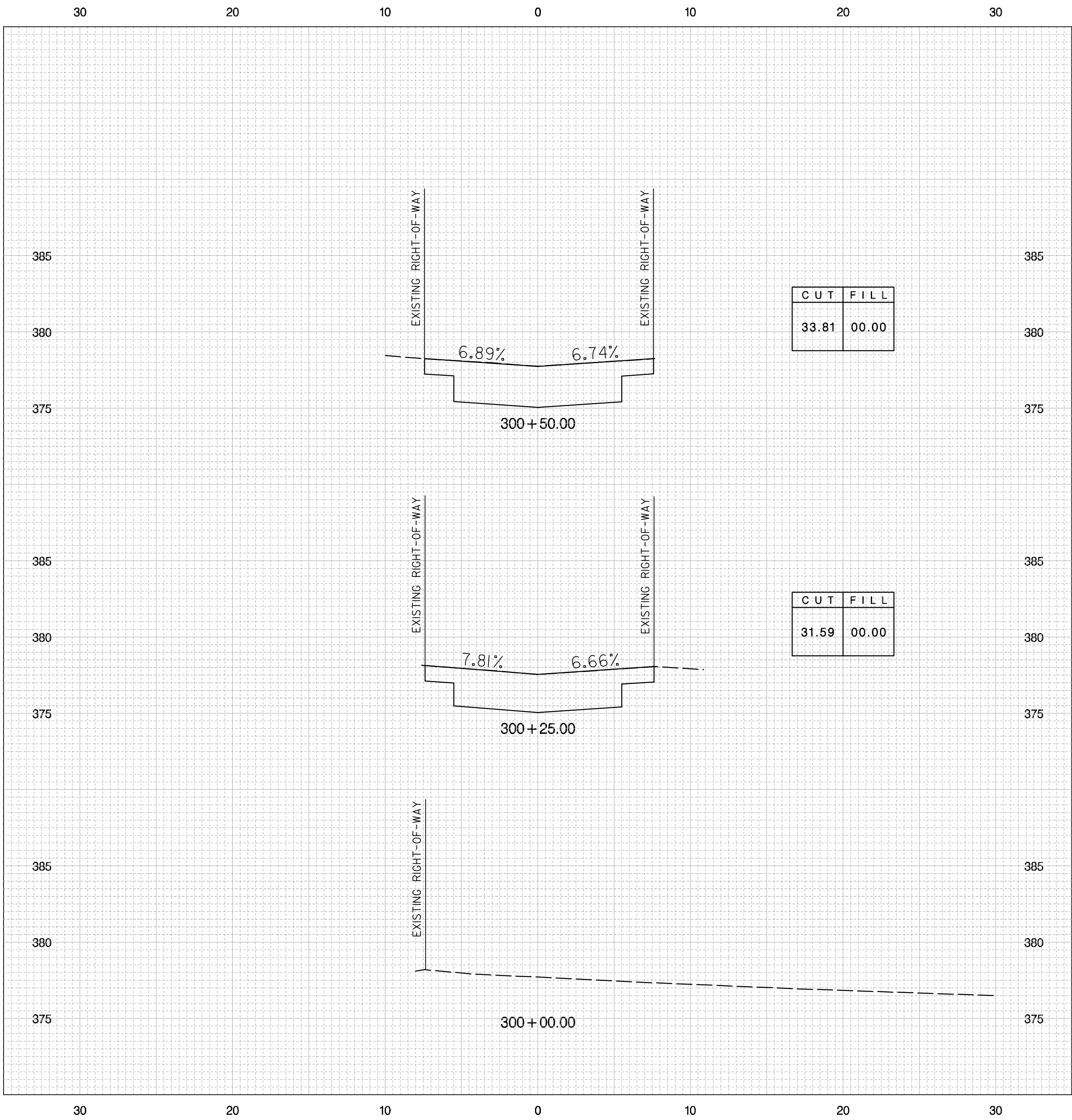
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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 5'	XS - 06
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 201+25.00 TO 201+75.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 49 OF 57



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	50	57

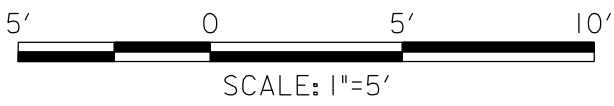
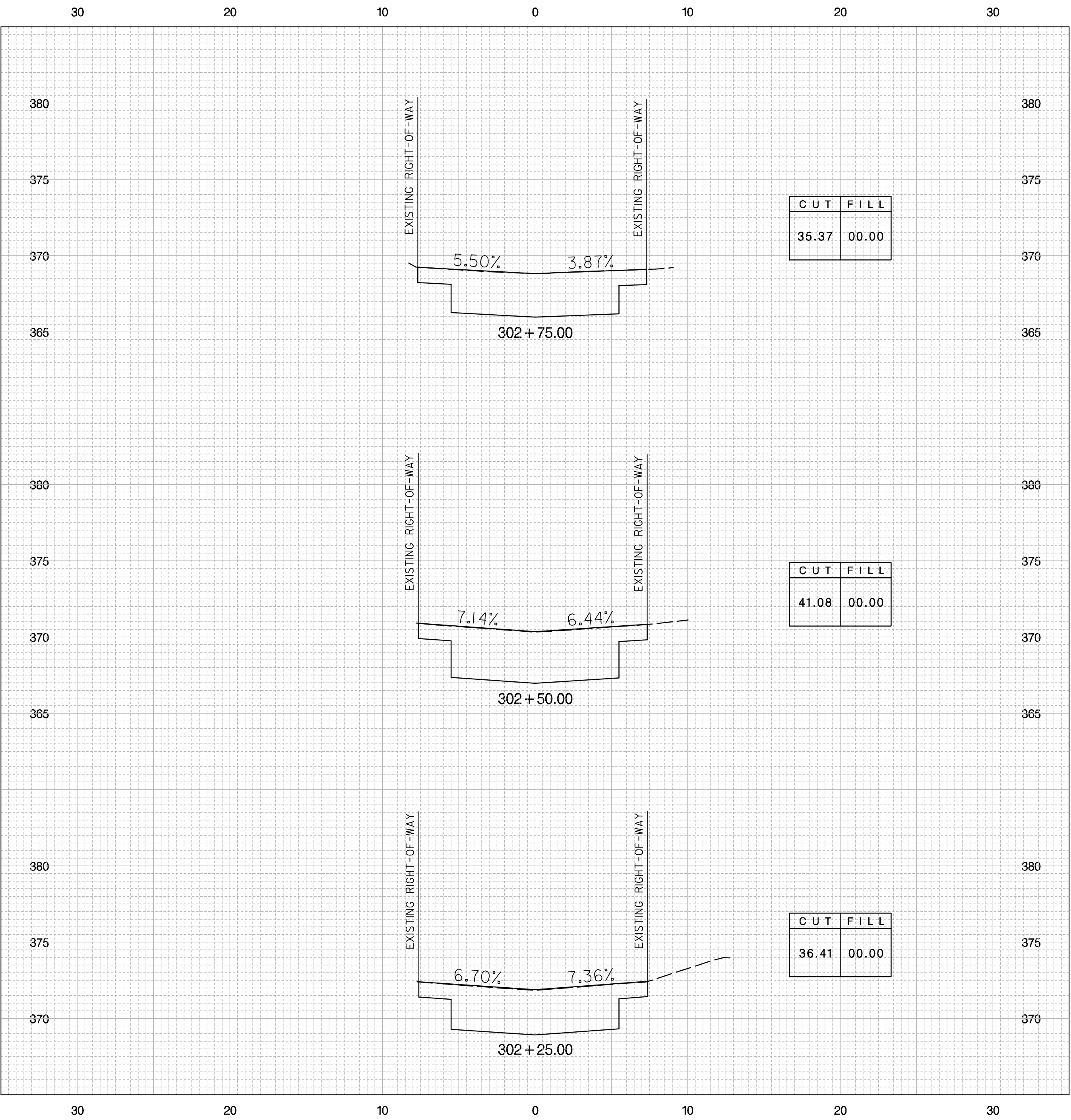
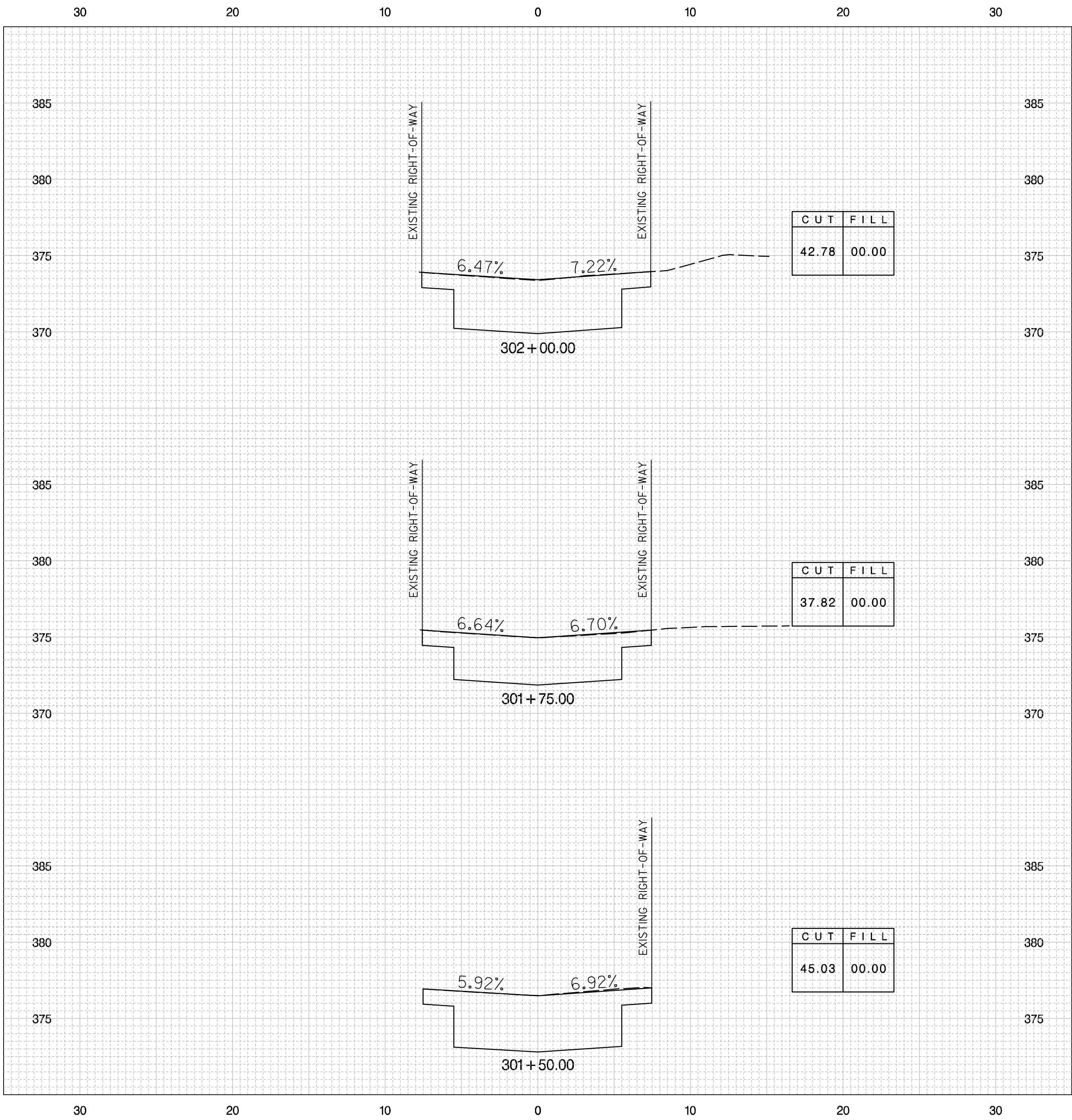


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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 5'	XS - 07
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 300+00.00 TO 301+25.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 50 OF 57

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	51	57

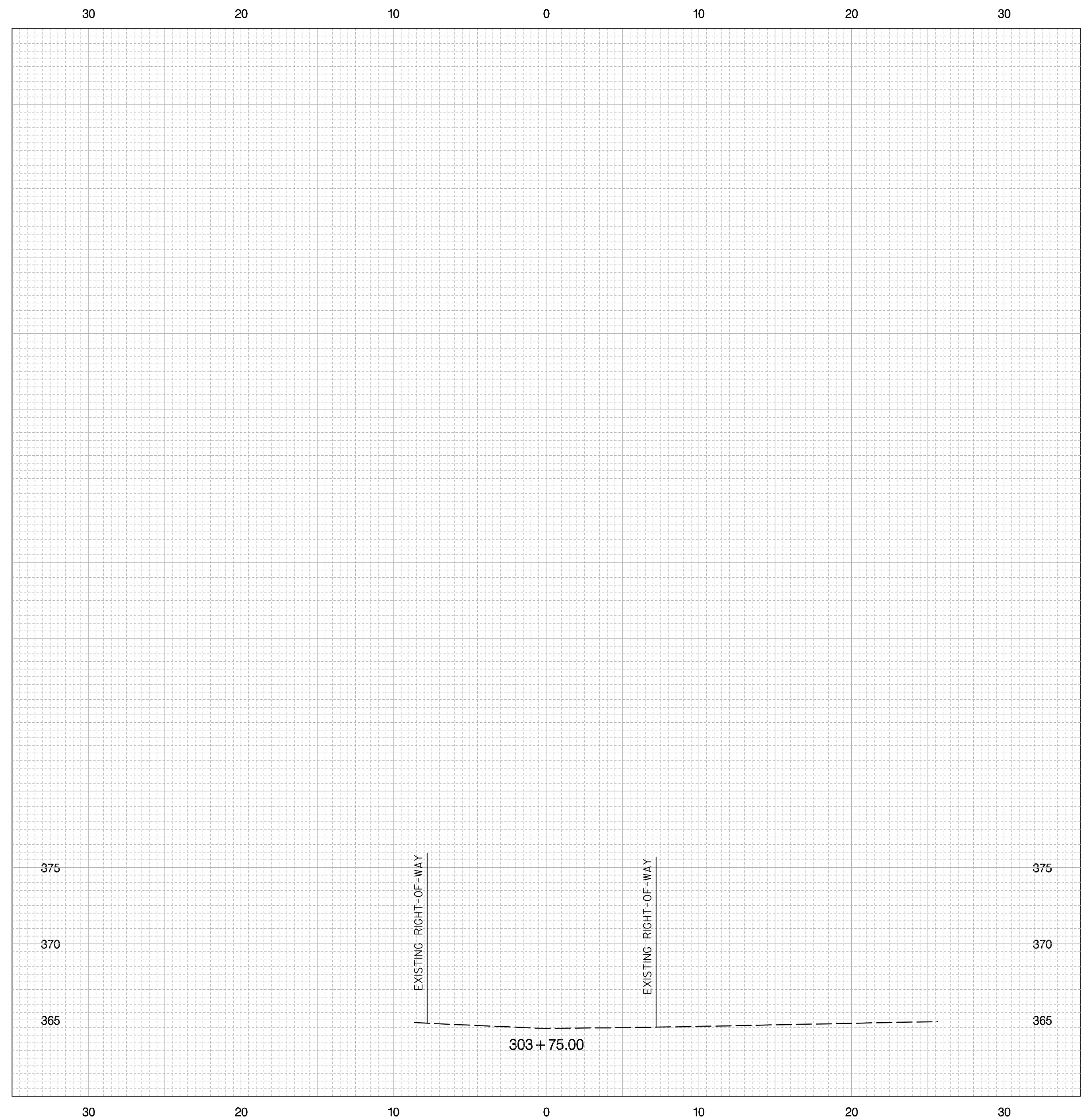
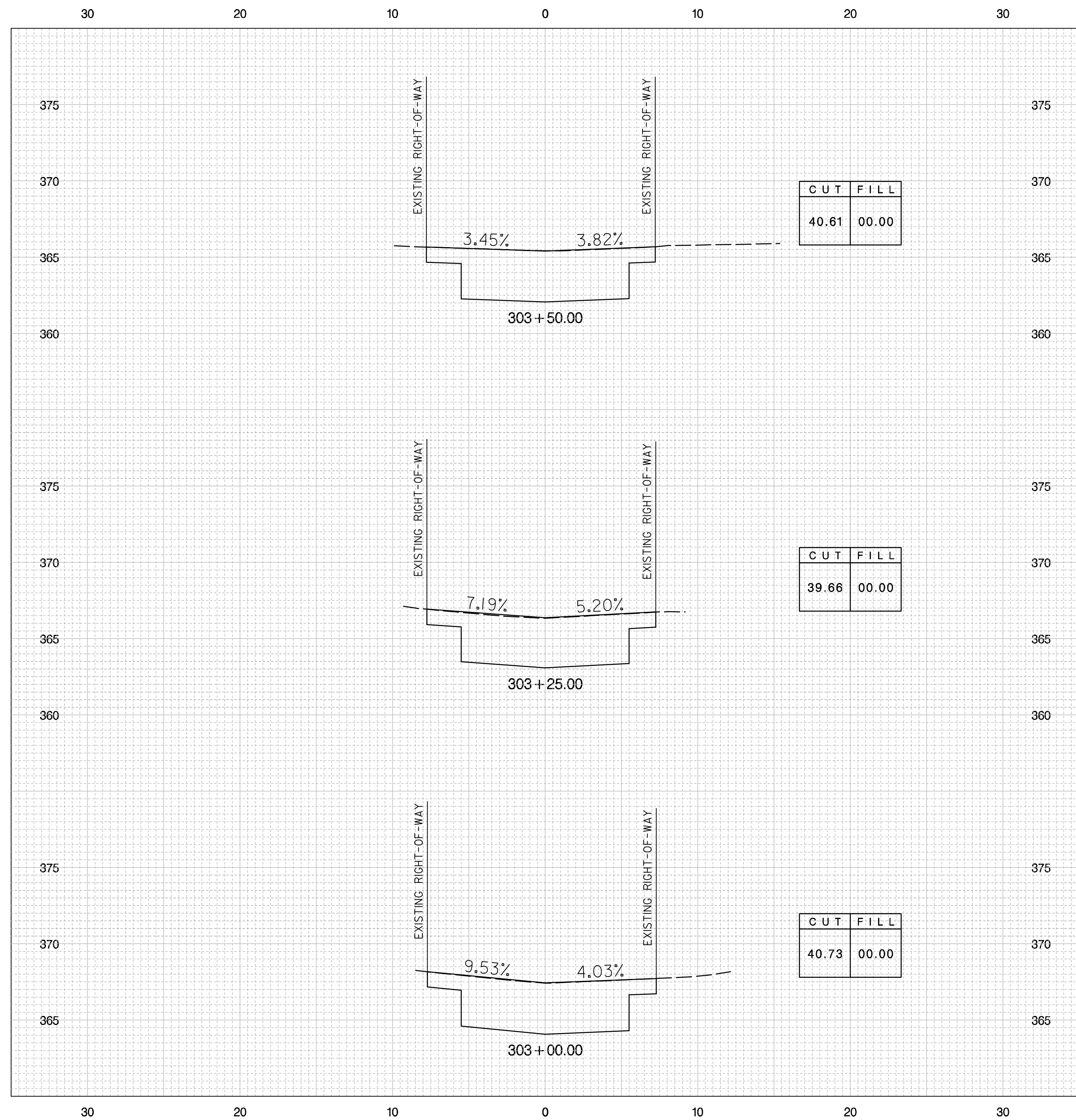


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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 5'	XS - 08
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 301+50.00 TO 302+75.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 51 OF 57

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	52	57



DATE 09-23-2013	SCALE: 1" = 5'	XS - 09
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="font-size: 48pt; font-weight: bold;">d.</div> <div style="text-align: center;"> <p>D.C. DEPARTMENT OF TRANSPORTATION</p> <p>INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</p> <p>PROJECT MANAGEMENT DIVISION</p> </div> </div>		
<p>GREEN ALLEYS PROJECT</p> <p>CHEVY CHASE</p> <p>CONTRACT NO. XXXX-XXXX-X-XXXX</p>		<p>PROJECT ENG. <u>SJZ</u></p> <p>DESIGNED BY <u>CJK</u></p> <p>CHECKED BY <u>JDM</u></p> <p>DRAWN BY <u>CJK</u></p> <p>PROJECT MGR. <u>JMC</u></p>
<p>CROSS SECTIONS</p> <p>303+00.00 TO 303+75.00</p>		<p>DIVISION CHIEF _____</p> <p>DATE _____</p> <p>FILE _____</p> <p>SHEET 52 OF 57</p>

NO	DESCRIPTION	NAME	DATE
REVISIONS			



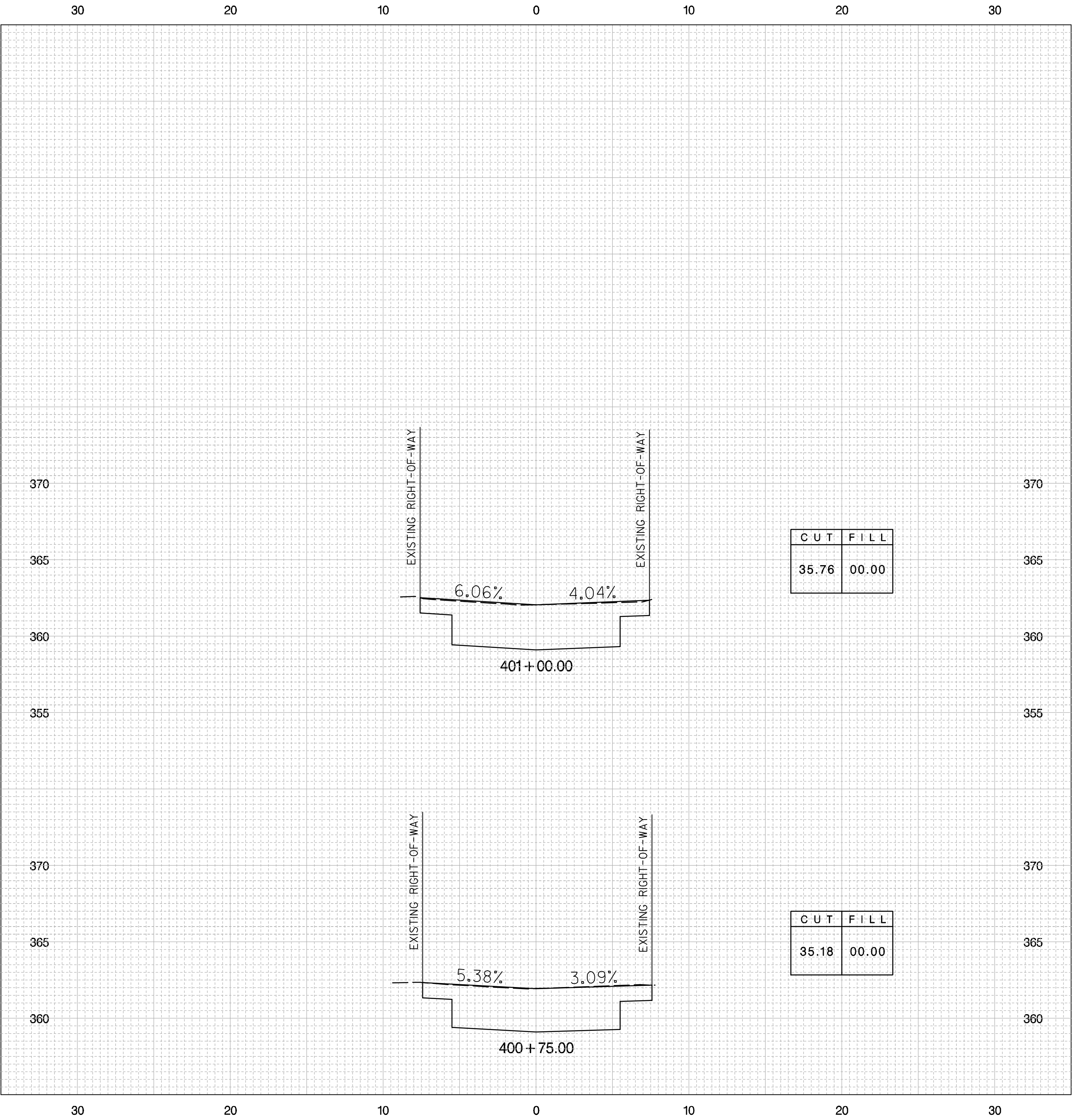
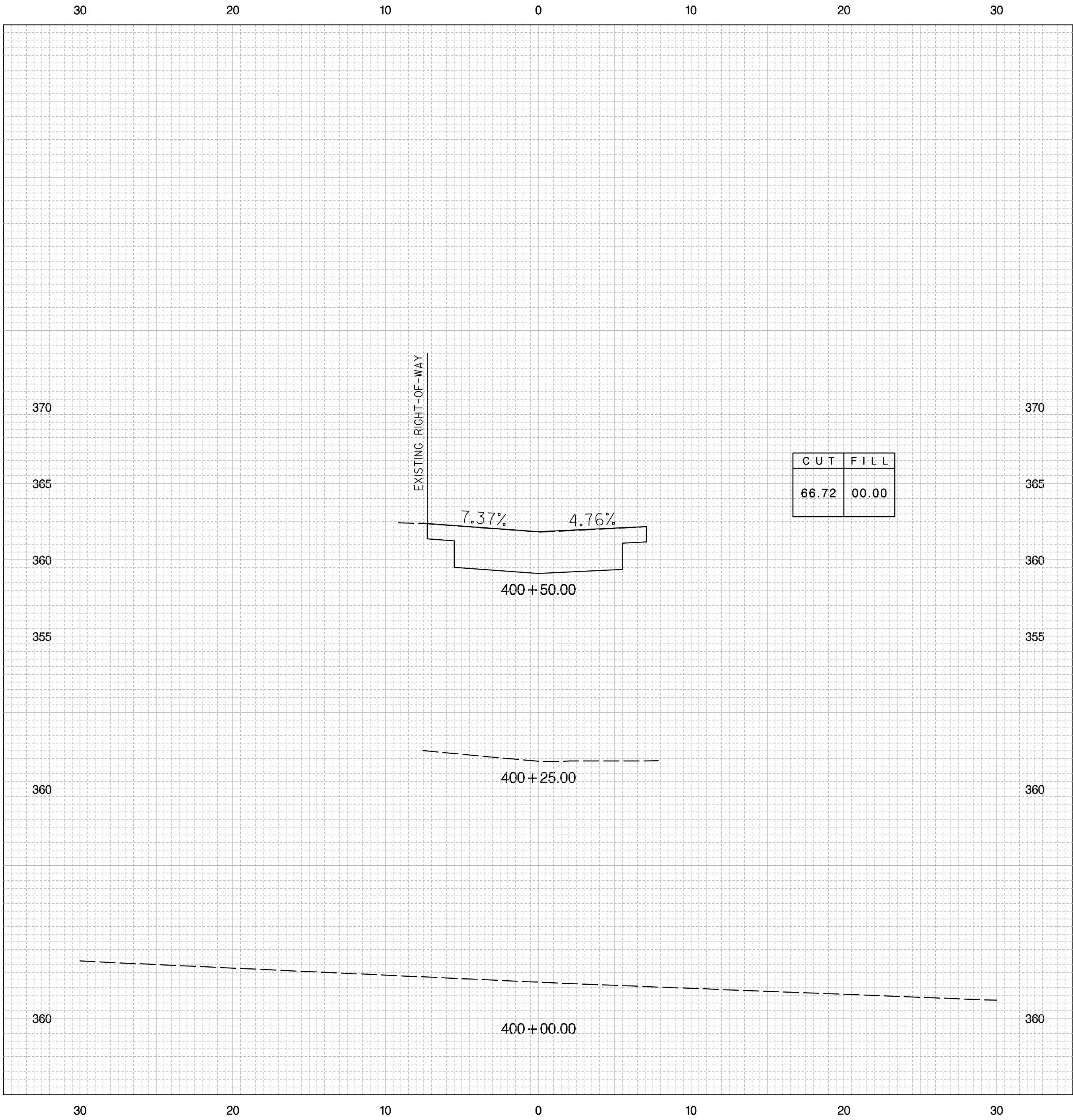
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Tuesday, September 24, 2013 AT 09:55 AM



REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	53	57



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Tuesday, September 24, 2013 AT 09:56 AM

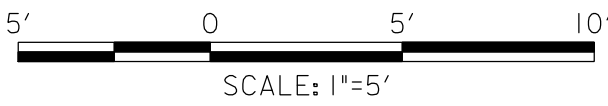
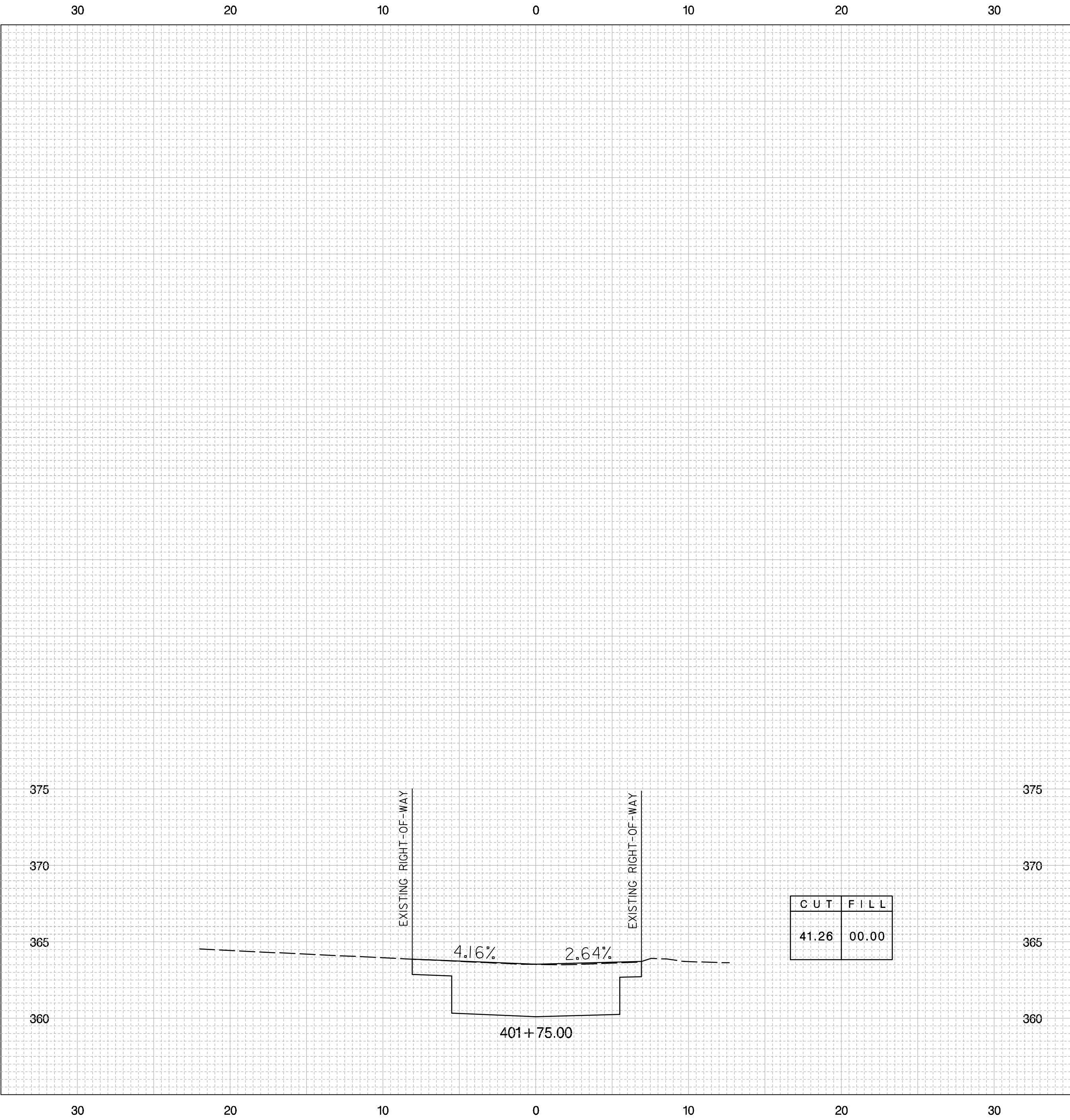
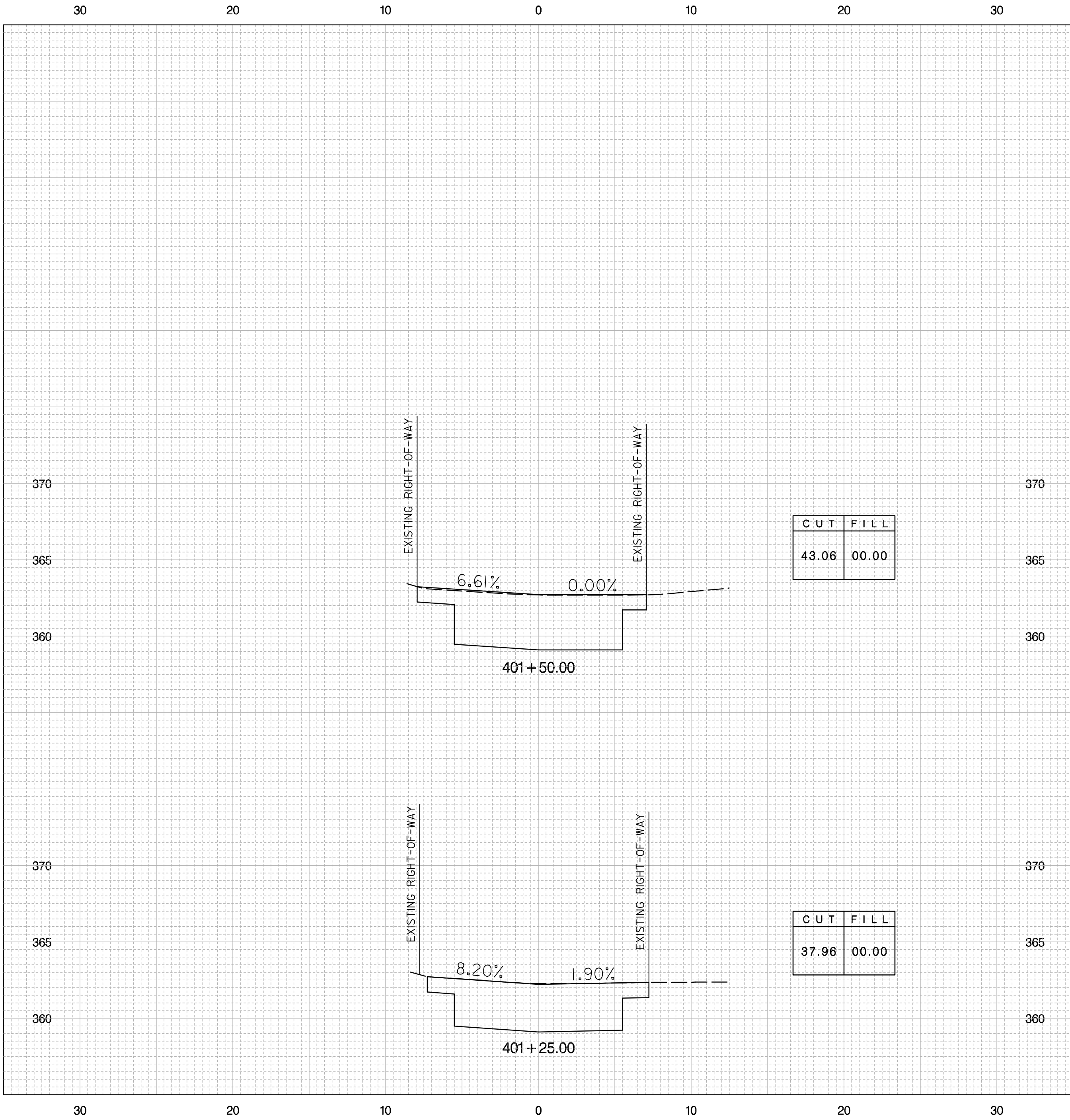


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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	SCALE: 1" = 5'	XS - 10
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 400 + 00.00 TO 401 + 00.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 53 OF 57

REG	STATE	FEDERAL AID PROJECT NO.	SHEET NO.	TOTAL SHEETS
3	D.C.	N / A	54	57



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NO	DESCRIPTION	NAME	DATE
REVISIONS			

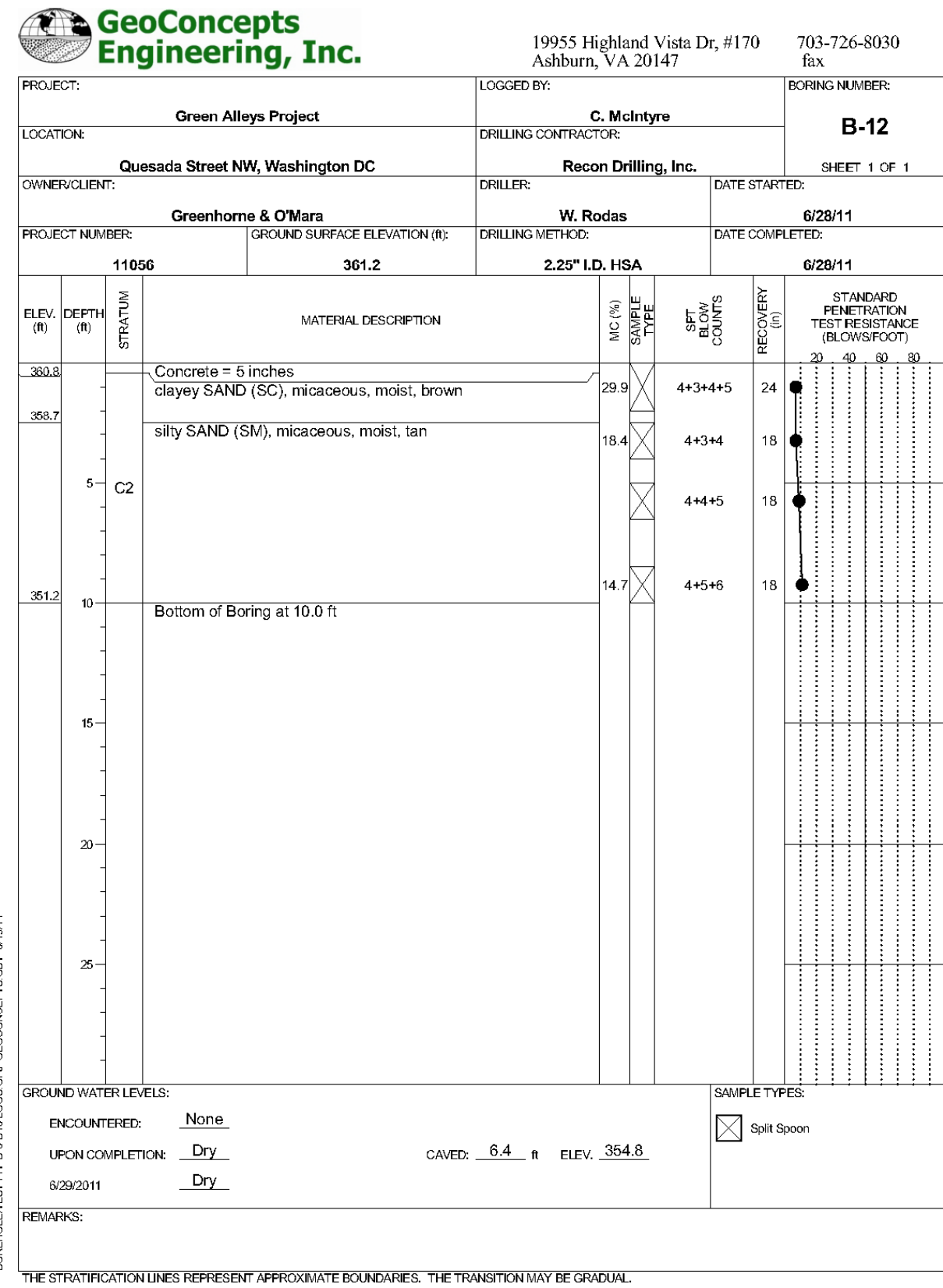
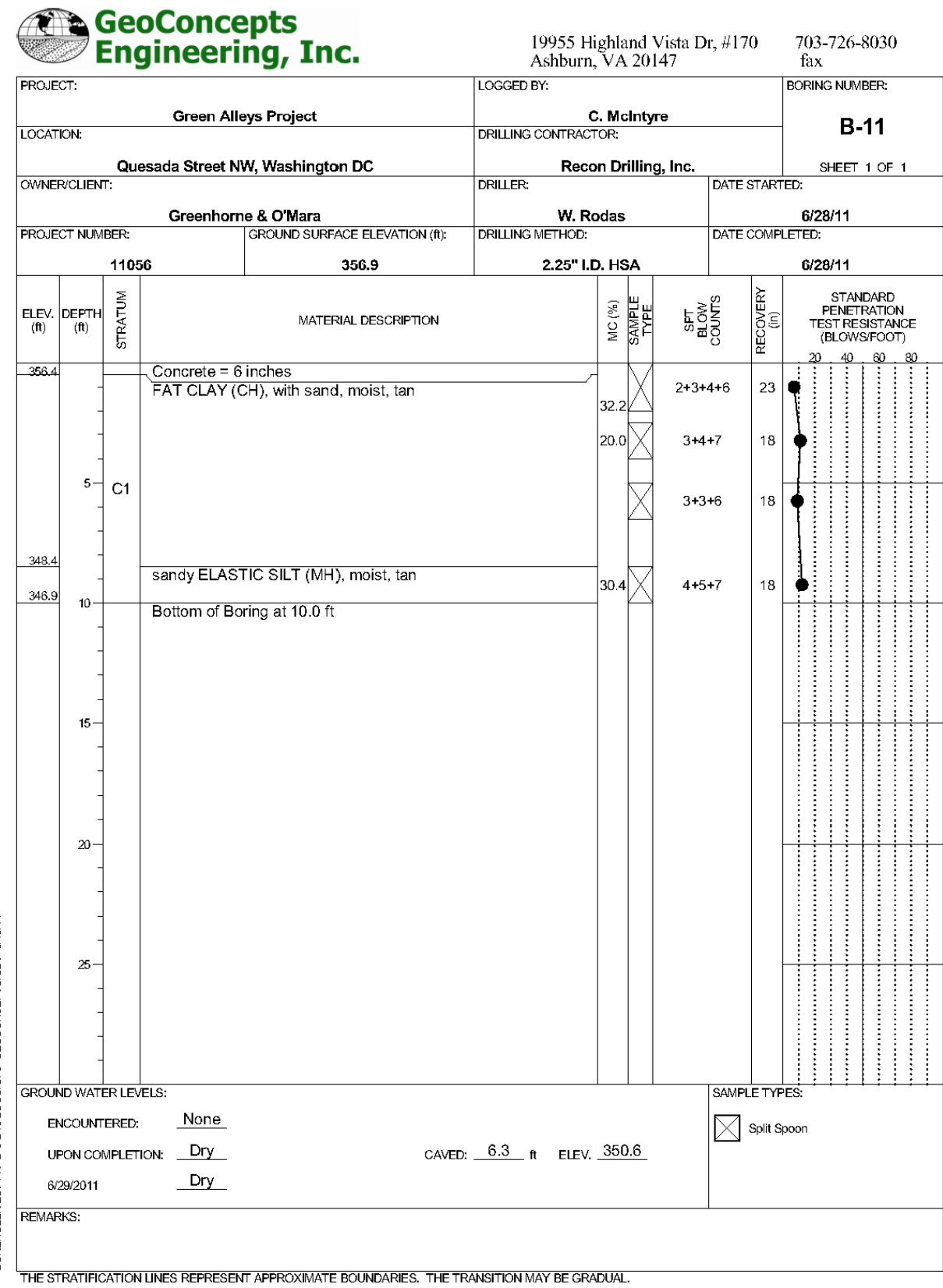
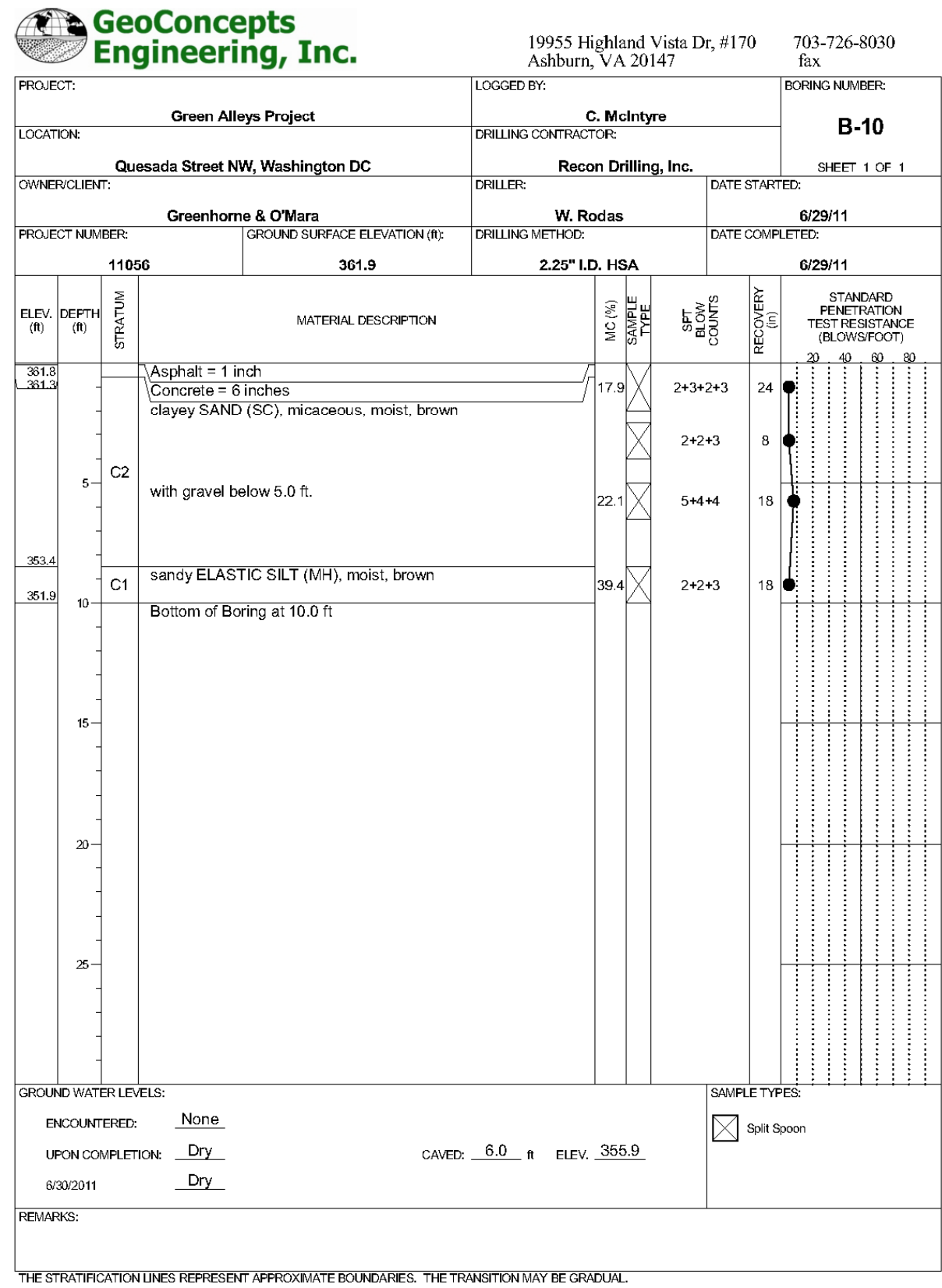
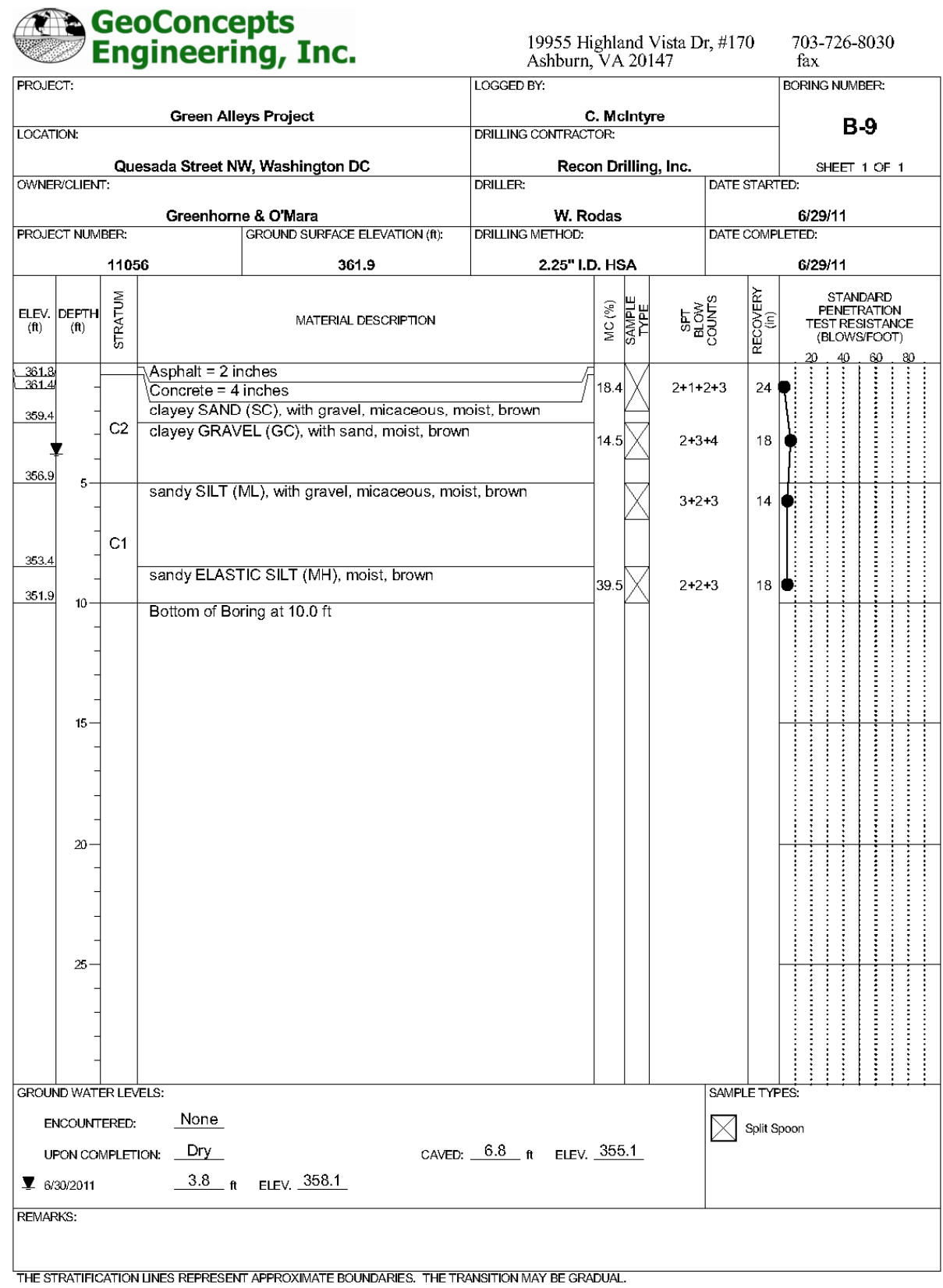
DATE 09-23-2013	SCALE: 1" = 5'	XS - 11
<div>d.</div> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. XXXX-XXXX-X-XXXX		PROJECT ENG. <u>SJZ</u> DESIGNED BY <u>CJK</u> CHECKED BY <u>JDM</u> DRAWN BY <u>CJK</u> PROJECT MGR. <u>JMC</u>
CROSS SECTIONS 401+25.00 TO 401+75.00		DIVISION CHIEF DATE _____ FILE _____ SHEET 54 OF 57




NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	NOT TO SCALE	SO-01
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="font-size: 48px; font-weight: bold; margin-right: 20px;">d.</div> <div style="text-align: center;"> <h1 style="margin: 0;">D.C. DEPARTMENT OF TRANSPORTATION</h1> <h2 style="margin: 0;">INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</h2> <h3 style="margin: 0;">PROJECT MANAGEMENT DIVISION</h3> </div> </div>		
<h2 style="margin: 0;">GREEN ALLEYS PROJECT</h2> <h2 style="margin: 0;">CHEVY CHASE</h2> <p style="margin: 0;">CONTRACT NO. DCKA-XXXX-X-XXXX</p>		PROJECT ENG. _____ DESIGNED BY _____ CHECKED BY _____ DRAWN BY _____ PROJECT MGR. _____
<h1 style="margin: 0;">SOIL BORING LOGS</h1>		<div style="text-align: center; margin-bottom: 10px;">DIVISION CHIEF</div> <div style="display: flex; justify-content: space-between;"> <div>DATE _____</div> <div>FILE _____</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>SHEET</div> <div>055</div> <div>OF</div> <div>57</div> </div>





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NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	NOT TO SCALE	SO-02
<b>d.</b> D.C. DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION PROJECT MANAGEMENT DIVISION		
GREEN ALLEYS PROJECT CHEVY CHASE CONTRACT NO. DCKA-XXXX-X-XXXX		PROJECT ENG. _____ DESIGNED BY _____ DRAWN BY _____ PROJECT MGR. _____
SOIL BORING LOGS		DIVISION CHIEF _____  DATE _____ FILE _____ SHEET 056 OF 57

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Tuesday, September 24, 2013 AT 10:08 AM



NO	DESCRIPTION	NAME	DATE
REVISIONS			

DATE 09-23-2013	NOT TO SCALE	SO-03
 <div style="text-align: center;"> <h1>D.C. DEPARTMENT OF TRANSPORTATION</h1> <h2>INFRASTRUCTURE PROJECT MANAGEMENT ADMINISTRATION</h2> <h3>PROJECT MANAGEMENT DIVISION</h3> </div>		
<div style="text-align: center;"> <h1>GREEN ALLEYS PROJECT</h1> <h2>CHEVY CHASE</h2> <h3>CONTRACT NO. DCKA-XXXX-X-XXXX</h3> </div>		PROJECT ENG. _____ DESIGNED BY _____ CHECKED BY _____ DRAWN BY _____ PROJECT MGR. _____
<div style="text-align: center;"> <h1>SOIL BORING LOGS</h1> </div>		<div style="text-align: center;">DIVISION CHIEF</div>  DATE _____  FILE _____  SHEET    057    OF    57