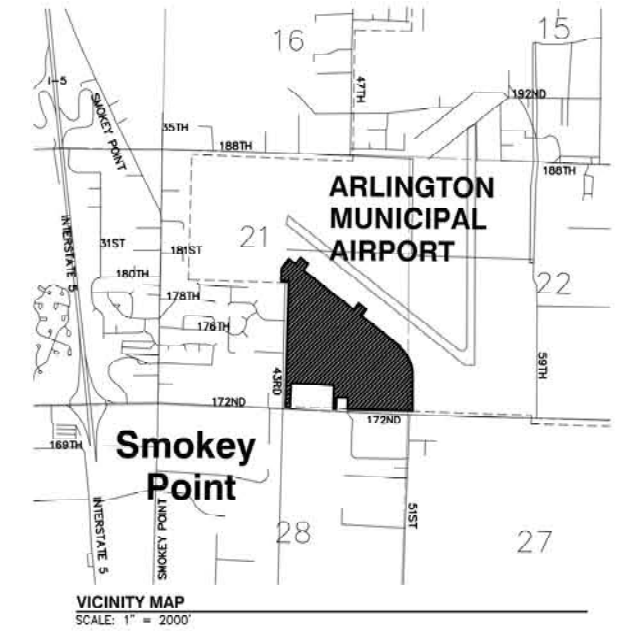


CITY OF ARLINGTON AIRPORT BOULEVARD-PHASE 1A



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(3) SHEET C2.0	EXISTING CONDITIONS PLAN
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(11) SHEET C4.1	ROAD AND GRADING PLAN & PROFILE AIRPORT BOULEVARD
(12) SHEET C4.2	ROAD AND GRADING PLAN & PROFILE AIRPORT BOULEVARD
(13) SHEET C4.3	ROAD AND GRADING PLAN & PROFILE AIRPORT BOULEVARD
(14) SHEET C4.4	ROAD AND GRADING PLAN & PROFILE AIRPORT BOULEVARD
(15) SHEET C4.5	ROAD AND GRADING PLAN & PROFILE AIRPORT BOULEVARD
(16) SHEET C5.0	DRAINAGE PLAN AND DETAILS
(17) SHEET C6.0	ROAD ENDS AND INTERSECTION DETAILS
(18) SHEET C7.0	CHANNELIZATION AND SIGNAGE AIRPORT BOULEVARD
(19) SHEET C7.1	CHANNELIZATION AND SIGNAGE AIRPORT BOULEVARD
(20) SHEET C7.2	CHANNELIZATION AND SIGNAGE AIRPORT BOULEVARD
(21) SHEET L1.1	RAIN GARDEN PLANTING DETAILS
(22) SHEET L1.2	LANDSCAPING PLANTING DETAILS
(23) SHEET L1.3	LANDSCAPING PLANTING DETAILS

PROJECT ENGINEER/PLANNER
HBA DESIGN GROUP
1721 HEWITT AVENUE, SUITE 401
EVERETT, WA 98201
(425) 252-2626
MRYAN@HBADESIGNGROUP.COM

SURVEYOR
METRON & ASSOCIATES, INC.
307 N. OLYMPIC AVENUE #205
ARLINGTON, WA 98223
(360) 435-3777

SITE LOCATION
4407 172ND ST NE
ARLINGTON, WA 98223

GEOTECHNICAL ENGINEER
ASSOCIATED EARTH SCIENCES
911 5TH AVE SUITE 100
KIRKLAND, WA 98033
(425)827-7701

TAX ACCOUNT NUMBER
310521-004-001-00
310521-004-001-01
310521-004-001-02
310521-004-001-03

SURVEYOR NOTES

- THE SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
- THIS FIELD SURVEY WAS COMPLETED SEPTEMBER 2008.
- SANITARY SEWER MANHOLE INVERTS ARE CENTER OF CHANNEL FLOWLINE.

DISPOSAL SITE
CONTRACTOR MAY DISPOSE OF SURPLUS SOIL MATERIAL ON AIRPORT PROPERTY, AS DIRECTED BY THE CITY.

- CITY OF ARLINGTON GENERAL CONSTRUCTION NOTES**
- ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT EDITION OF THE CITY OF ARLINGTON PUBLIC WORKS STANDARDS AND SPECIFICATIONS, AND THE CURRENT EDITION OF THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT) STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION. A COPY OF THESE DOCUMENTS SHALL BE ON SITE DURING CONSTRUCTION.
 - IT IS THE SOLE RESPONSIBILITY OF THE DEVELOPER/CONTRACTOR TO OBTAIN A GRADING PERMIT, RIGHT-OF-WAY PERMIT, AND UTILITY PERMITS, FROM THE CITY. ALL REQUIRED PERMITS FROM OTHER AGENCIES MUST ALSO BE OBTAINED BY THE DEVELOPER/CONTRACTOR.
 - PRIOR TO ANY CONSTRUCTION ACTIVITY, THE DEVELOPER/ CONTRACTOR SHALL ATTEND A PRECONSTRUCTION CONFERENCE WITH THE CITY. THE CONTRACTOR SHALL SCHEDULE THE PRE-CONSTRUCTION CONFERENCE BY CALLING (360) 403-3500. PRIOR TO SCHEDULING, THE CONTRACTOR MUST SUBMIT AND RECEIVE APPROVAL FOR THE TRAFFIC CONTROL PLAN, CITY PERMITS, TEMPORARY EROSION AND SEDIMENT CONTROL PLAN, PERFORMANCE BOND, COPY OF OTHER AGENCY PERMITS, A COPY OF THE CONTRACTOR'S LICENSE, AND PROOF OF INSURANCE COVERAGE.
 - A COPY OF THE APPROVED CONSTRUCTION PLANS MUST BE ON THE JOB SITE WHEN CONSTRUCTION IS IN PROGRESS.
 - ALL SITE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE APPROVED PLANS. ANY DEVIATION FROM THE APPROVED PLANS WILL REQUIRE PRIOR APPROVAL FROM THE OWNER, THE CITY ENGINEER, AND OTHER APPROPRIATE PUBLIC AGENCIES.
 - ALL OF THE LOCATIONS OF THE EXISTING UTILITIES SHOWN IN THE PLANS HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHALL THEREFORE BE CONSIDERED APPROXIMATE AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL UTILITY LOCATIONS.
 - THE CONTRACTOR SHALL LOCATE AND PROTECT ALL CASTINGS AND UTILITIES DURING CONSTRUCTION AND SHALL CONTACT THE UNDERGROUND UTILITIES LOCATE SERVICE (1-800-424-5555 OR 811) AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
 - INSPECTION AND ACCEPTANCE OF ALL WORK WILL BE ACCOMPLISHED BY REPRESENTATIVES OF THE CITY OF ARLINGTON. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND SCHEDULE APPROPRIATE INSPECTIONS, ALLOWING PROPER ADVANCE NOTICE. THE INSPECTOR MAY REQUIRE REMOVAL AND REPLACEMENT OF ITEMS THAT DO NOT MEET CITY STANDARDS OR WERE CONSTRUCTED WITHOUT INSPECTION.
 - THE CONTRACTOR SHALL KEEP THE ON-SITE AND OFF-SITE STREETS CLEAN AT ALL TIMES BY CLEANING WITH A SWEEPING AND/OR VACUUM TRUCK. WASHING OF THESE STREETS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE CITY INSPECTOR.
 - THE CONTRACTOR SHALL CONTAIN TWO (2) SETS OF "AS-BUILT" PLANS SHOWING ALL FIELD CHANGES AND MODIFICATIONS. IMMEDIATELY AFTER CONSTRUCTION COMPLETION, THE CONTRACTOR SHALL DELIVER BOTH COPIES OF RED-LINED PLANS TO THE CITY. THE CITY WILL FORWARD ONE OF THE COPIES TO THE DESIGN ENGINEER.

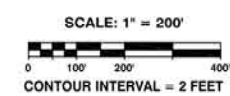
CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

DATUM/BASIS OF BEARINGS
WASHINGTON STATE COORDINATE SYSTEM OF 1983, NORTH ZONE, NORTH AMERICAN DATUM OF 1983, 1991 ADJUSTMENT, (NAD83/91),
SCALE FACTOR: 0.999942431000
CONVERGENCE: -00°59'20.0776"
COMBINED GRID FACTOR: 0.999935992646
HOLDING TO SOUTHEAST CORNER SECTION 21, SNOHOMISH COUNTY SHEET "3105R13-3489"

THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 21 BEARS NORTH 87°34'27" WEST, AS SHOWN HEREON.

DATUM NAVD 88 = NGVD 29 + 3.71
BENCHMARK

PROJECT BENCHMARK: SNOHOMISH COUNTY SURVEY CONTROL POINT #3723, WSDOT MONUMENT GP31531-162. WSDOT BRASS DISK CEMENTED INTO A DRILL HOLE AND SET LEVEL WITH THE CONCRETE SURFACE, MONUMENT ELEVATION = 125.062 FEET, N.A.V.D. 88.



Plotter: Jul 15, 2010 - 10:00am TPowell C:\Documents and Settings\tpowell\Desktop\TP\Design\ARL\BAGP\dwg\21\Submittal\ARL\BAGP-C-1.0.dwg Layout Name: C:\3 COVER SHEET
 Last Saved By: TPowell Jul 15, 2010 - 9:57am

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

DESIGNED BY: DEREK HANN, EIT
DRAWN BY: TODD POWELL, PE

ERIC J. SCOTT
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
36704
EXPIRES 06/30/2011

TODD D. POWELL
STATE OF WASHINGTON
PROFESSIONAL ENGINEER
36704
EXPIRES 06/30/2011

APPROVED FOR CONSTRUCTION

JoX Kelly

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS

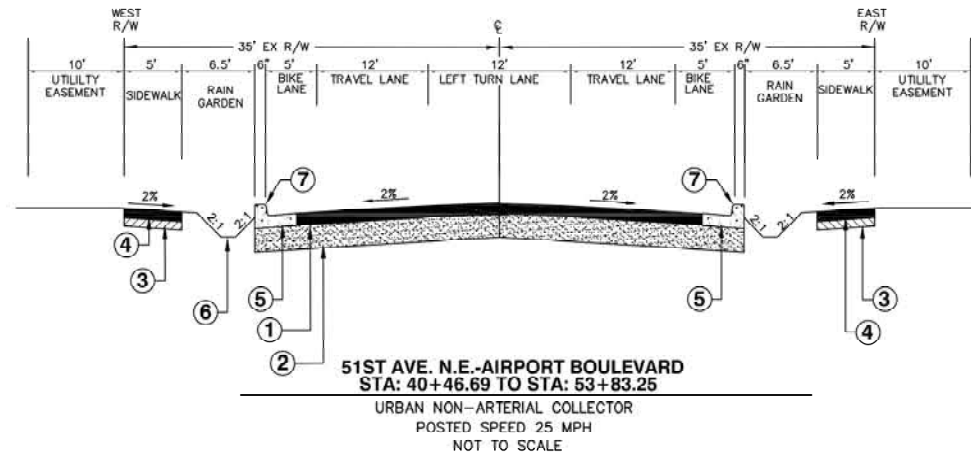
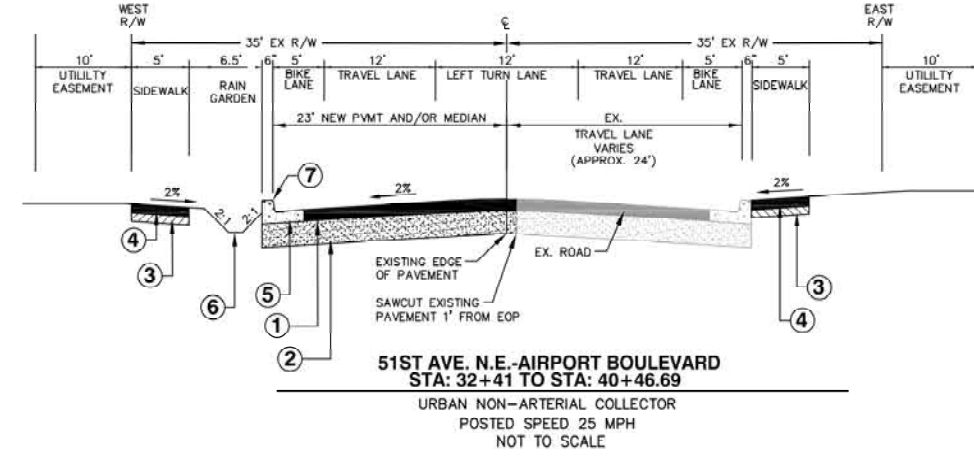
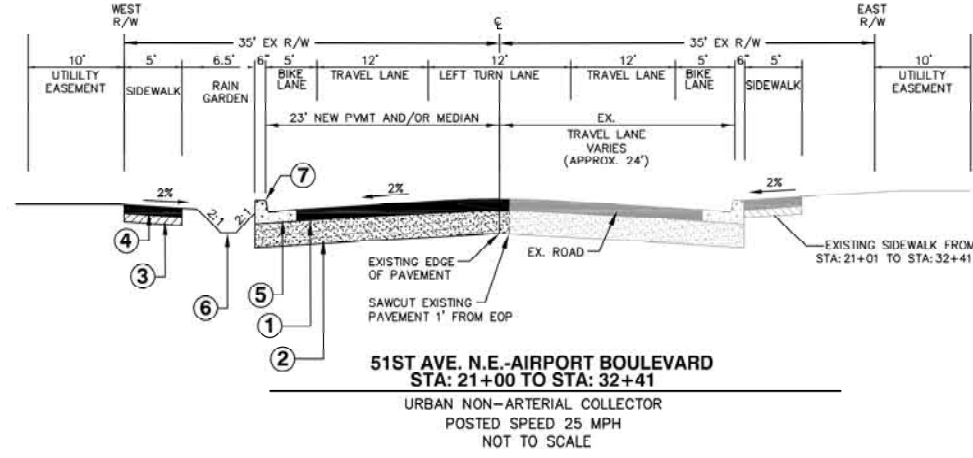
COVER SHEET / PHASE DIAGRAM

REFERENCE SHEET NO.
C1.0

SHEET
1
OF
X
SHEETS

AT EXISTING PAVEMENT, SAWCUT EDGE AND PROVIDE TACK COAT PRIOR TO PLACEMENT OF NEW ASPHALT. APPLY CRACK SEALER TO JOINT AFTER PLACEMENT OF ASPHALT.

AT EXISTING PAVEMENT, SAWCUT EDGE AND PROVIDE TACK COAT PRIOR TO PLACEMENT OF NEW ASPHALT. APPLY CRACK SEALER TO JOINT AFTER PLACEMENT OF ASPHALT.



- ① 0.33" HMA CL. 1/2 IN. PG. 64-22 (2 LIFTS)
- ② 0.75" CRUSHED SURFACING BASE COURSE
- ③ 0.17" CRUSHED SURFACING TOP COURSE
- ④ CEMENT CONC. SIDEWALK - 4" DEPTH. SEE WSDOT STANDARD PLAN F-30.10-00
- ⑤ CEMENT CONC. TRAFFIC CURB AND GUTTER. SEE WSDOT STANDARD PLAN F-10.12-00
- ⑥ RAIN GARDEN, SEE DETAILS ON SHEET C5.0
- ⑦ FOR RAIN GARDEN CURB CUT LOCATIONS SEE SHEET C5.0

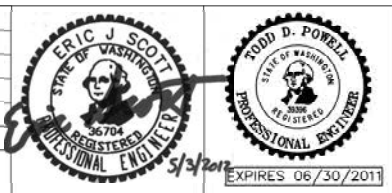
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PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE	REVISION		BY

DESIGNED BY: DEREK MANN, EIT TODD POWELL, PE DRAWN BY: DEREK MANN, EIT TODD POWELL, PE

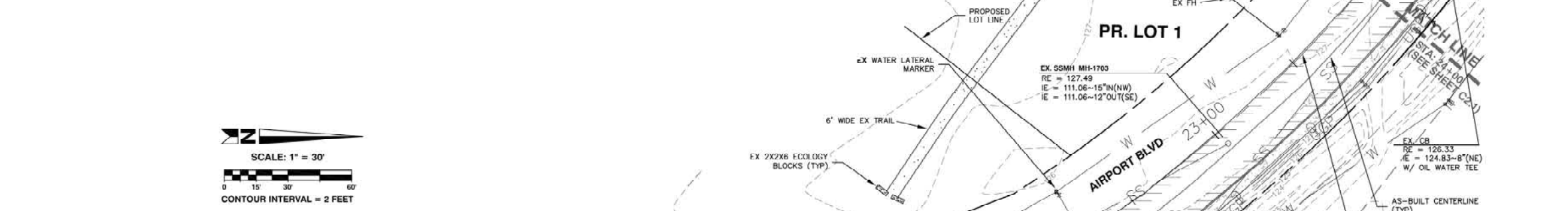
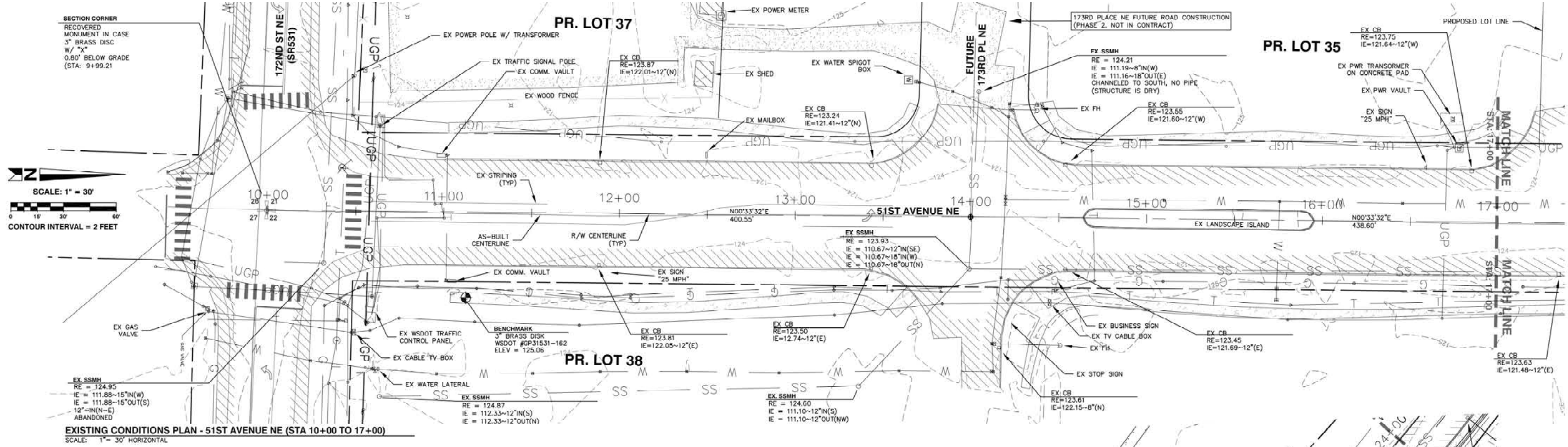


APPROVED FOR CONSTRUCTION
James Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

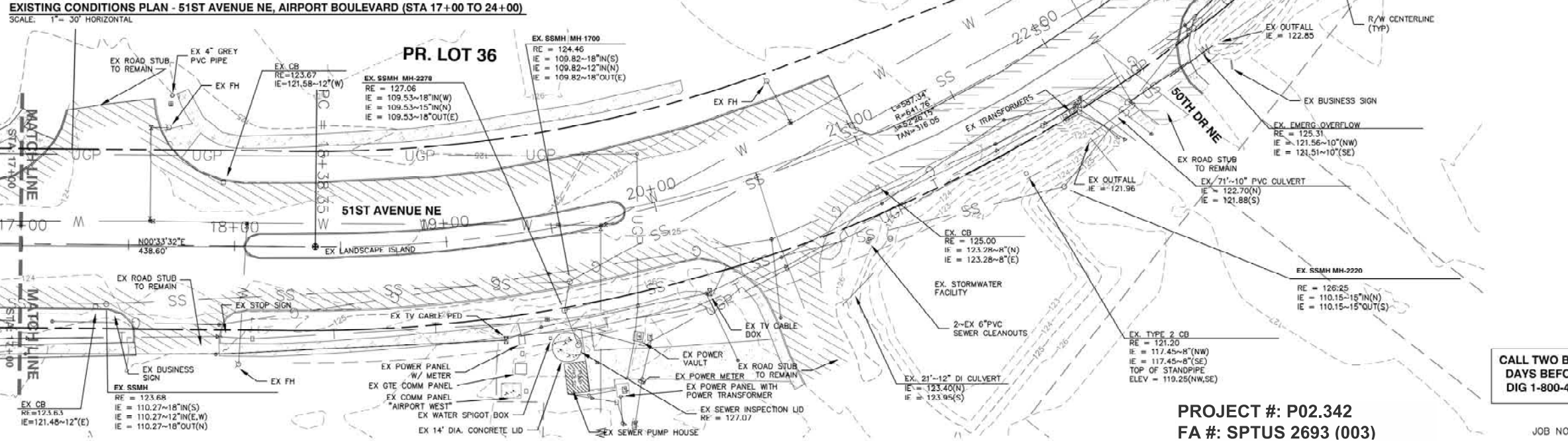


CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
TYPICAL ROAD SECTIONS

REFERENCE SHEET NO.
C1.1
SHEET
2
OF
X
SHEETS



- LEGEND**
- SURVEY MARKER RECOVERED AS NOTED, VISITED ** 2008
 - ⊕ SURVEY MONUMENT RECOVERED AS NOTED, VISITED AUGUST 2008
 - ⊗ WATER VALVE
 - ⊗ LAMP STANDARD
 - ⊗ WATER METER
 - ⊗ CATCH BASIN
 - ⊗ POWER METER
 - ⊗ STORM SEWER MANHOLE
 - ⊗ SANITARY SEWER MANHOLE
 - ⊗ TRAFFIC SIGN
 - ⊗ POWER POLE
 - ⊗ POLE GUY ANCHOR
 - ⊗ GUARD POST
 - ⊗ GUY POLE
 - ⊗ FIRE HYDRANT
 - ⊗ POWER VAULT
 - ⊗ POWER TRANSFORMER
 - ⊗ TRAFFIC SIGNAL BOX
 - ⊗ TELEPHONE VAULT
 - ⊗ TELEPHONE PEDESTAL
 - ⊗ UTILITY CONTROL BOX AS NOTED
 - ⊗ INSPECTION PORT
 - ⊗ PHONE MANHOLE
- PAINT LEGEND**
- SS — SANITARY SEWER LINE
 - SD — STORM DRAIN SEWER LINE
 - OHP — OVERHEAD POWER LINE
 - UGP — UNDERGROUND POWER LINE
 - UT — UNDERGROUND T.V. CABLE
 - C — GAS LINE
 - T — UNDERGROUND TELEPHONE LINE
 - X — FENCE
 - BLUE PAINT (WATER)
 - YELLOW PAINT (GAS)
 - ORANGE PAINT (PHONE)
 - RED PAINT (POWER)
 - ORANGE PAINT (CATV)



CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY
DESIGNED BY:			
DRAWN BY:			

APPROVED FOR CONSTRUCTION

ERIC J. SCOTT
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
5/3/2011
EXPIRES 06/30/2011

TODD D. POWELL
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION

James Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

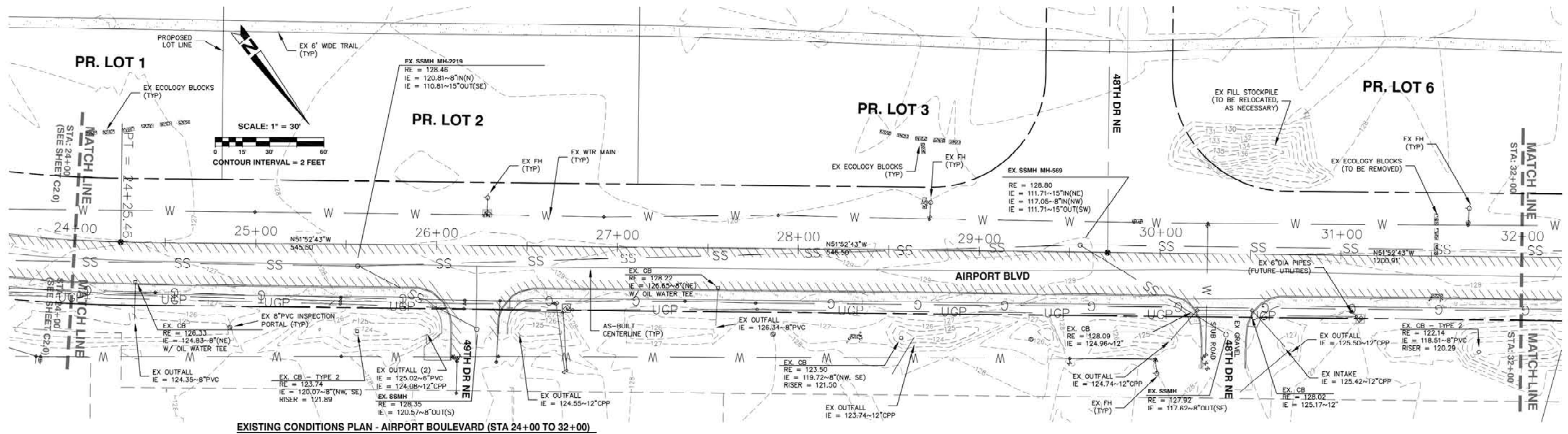


CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS

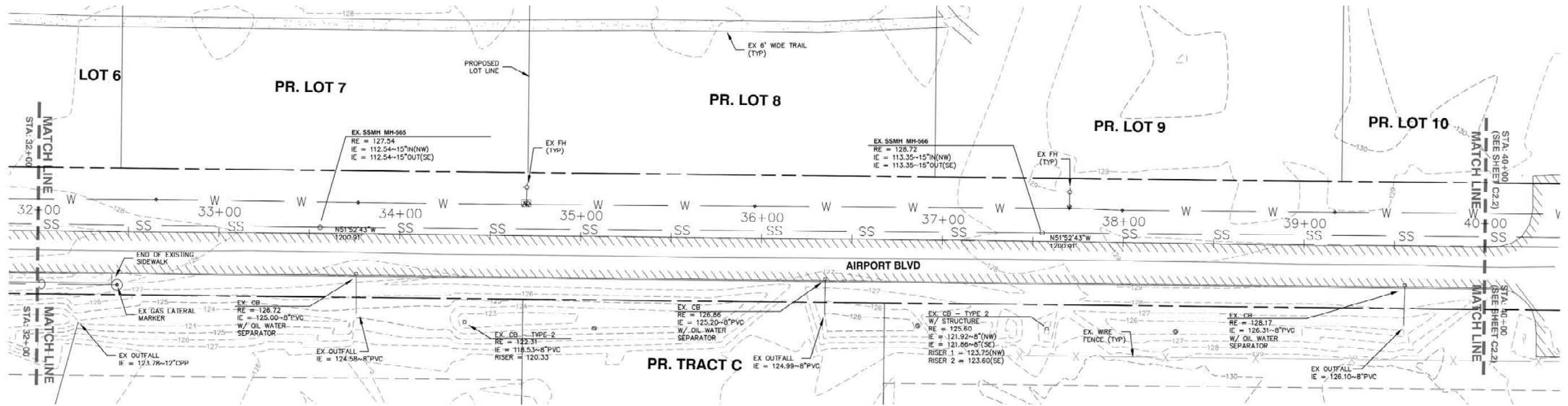
EXISTING CONDITIONS PLAN

REFERENCE SHEET NO. **C2.0**
SHEET 3 OF X SHEETS

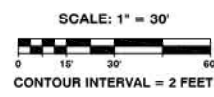
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 Last Saved By: TPowell Apr 27, 2010 - 7:35am



EXISTING CONDITIONS PLAN - AIRPORT BOULEVARD (STA 24+00 TO 32+00)



EXISTING CONDITIONS PLAN - AIRPORT BOULEVARD (STA 32+00 TO 40+00)



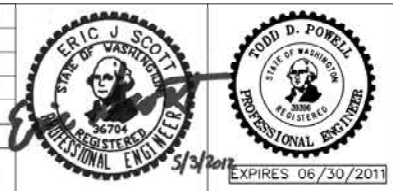
CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY
DESIGNED BY:			
DRAWN BY:			



APPROVED FOR CONSTRUCTION
James Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

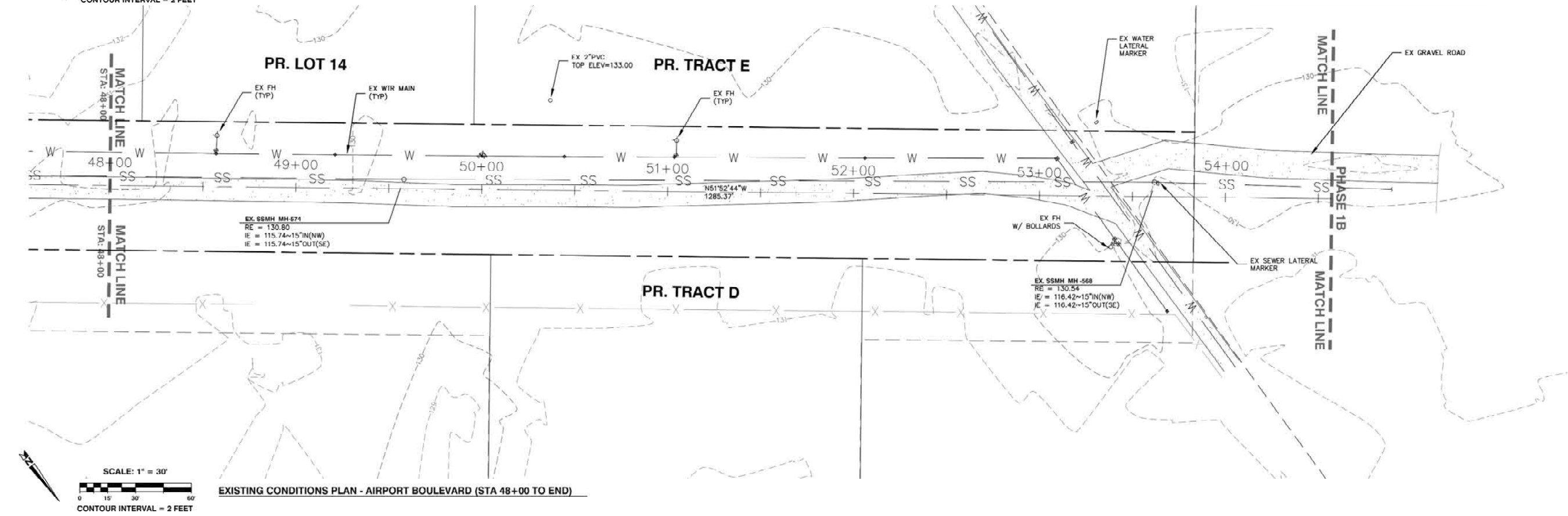
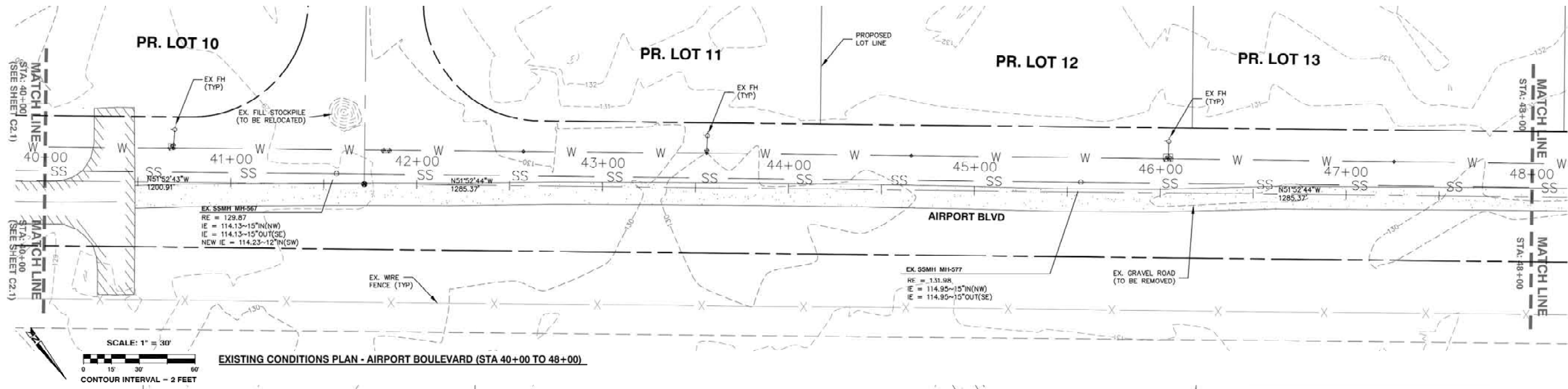


CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS

EXISTING CONDITIONS PLAN

REFERENCE SHEET NO.	C2.1
SHEET	4
OF	X
SHEETS	

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CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

DESIGNED BY: DEREK HANN, EIT TODD POWELL, PE
DRAWN BY: DEREK HANN, EIT TODD POWELL, PE

ERIC J. SCOTT
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REGISTERED PROFESSIONAL ENGINEER
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36704
EXPIRES 06/30/2011

APPROVED FOR CONSTRUCTION

Jo Kelly

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS

EXISTING CONDITIONS PLAN

REFERENCE SHEET NO.
C2.2
SHEET 5 OF X SHEETS

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 Last Saved By: T\Powell Apr 27, 2010 - 7:36am

SECTION CORNER

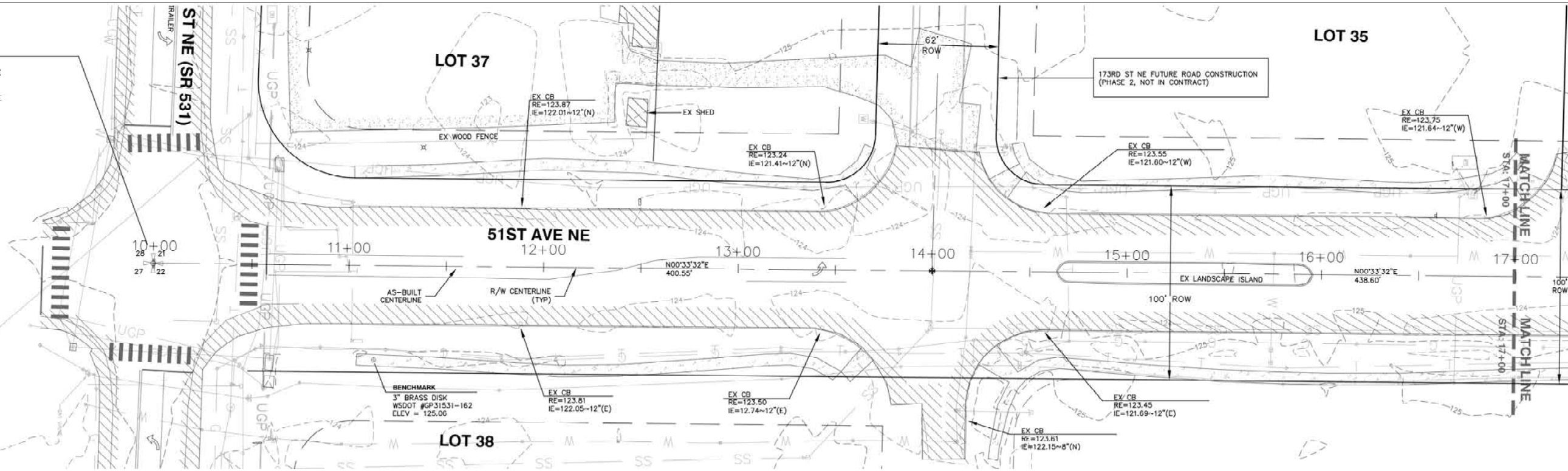
RECOVERED MONUMENT IN CASE 3" BRASS DISC W/ "X" 0.80' BELOW GRADE (STA 9+99.21)



SCALE: 1" = 30'



CONTOUR INTERVAL = 2 FEET



TESC PLAN - 51ST AVENUE NE (STA 10+00 TO 17+00)
SCALE: 1" = 30' HORIZONTAL

TESC LEGEND

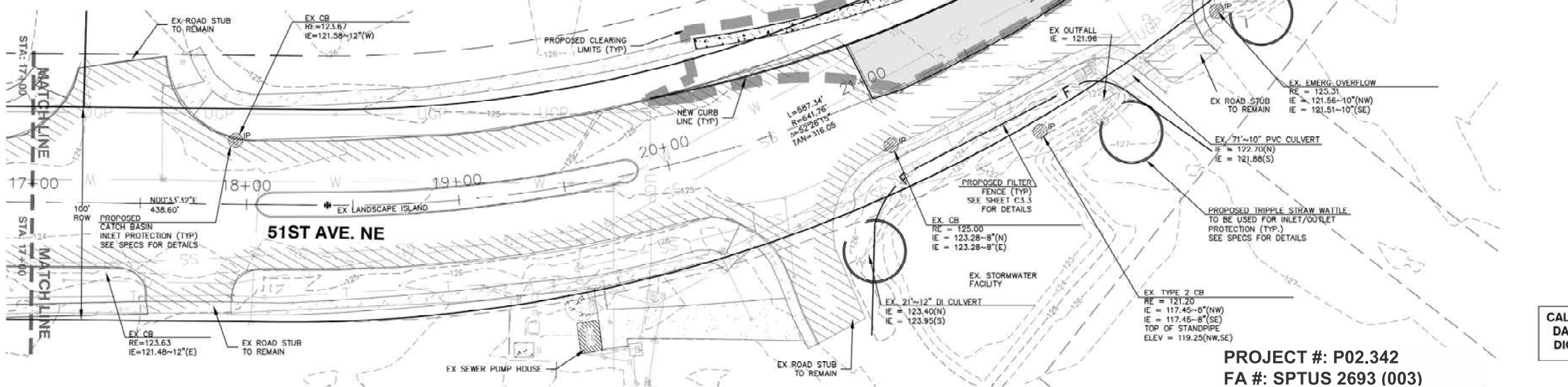
- PROPOSED CATCH BASIN PROTECTION (SEE SPECS)
- PROPOSED TRIPLE STRAW WATTLE (SEE SPECS)
- PROPOSED CLEARING LIMITS
- PROPOSED FILTER FENCE (SEE SPECS)
- PROPOSED ASPHALT PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED ROW LINE
- ROAD CENTER LINE
- PRIVATE DRAINAGE SWALE ESMT LINE

LEGEND

- SURVEY MARKER RECOVERED AS NOTED, VISITED ** 2008
 - SURVEY MONUMENT RECOVERED AS NOTED, VISITED AUGUST 2008
 - WATER VALVE
 - LAMP STANDARD
 - WATER METER
 - CATCH BASIN
 - POWER METER
 - STORM SEWER MANHOLE
 - SANITARY SEWER MANHOLE
 - TRAFFIC SIGN
 - POWER POLE
 - POLE GUY ANCHOR
 - GUARD POST
 - GUY POLE
 - FIRE HYDRANT
 - POWER VAULT
 - POWER TRANSFORMER
 - TRAFFIC SIGNAL BOX
 - TELEPHONE VAULT
 - TELEPHONE PEDESTAL
 - UTILITY CONTROL BOX AS NOTED
 - INSPECTION PORT
 - PHONE MANHOLE
- PAINT LEGEND**
- BLUE PAINT (WATER)
 - YELLOW PAINT (GAS)
 - ORANGE PAINT (PHONE)
 - RED PAINT (POWER)
 - ORANGE PAINT (CATV)
 - SS - SANITARY SEWER LINE
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 - OHP - OVERHEAD POWER LINE
 - UGP - UNDERGROUND POWER LINE
 - UT - UNDERGROUND T.V. CABLE
 - G - GAS LINE
 - T - UNDERGROUND TELEPHONE LINE
 - F - FENCE

TESC PLAN - 51ST AVENUE NE, AIRPORT BOULEVARD (STA 17+00 TO 24+00)

SCALE: 1" = 30' HORIZONTAL



SCALE: 1" = 30'



CONTOUR INTERVAL = 2 FEET

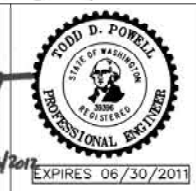
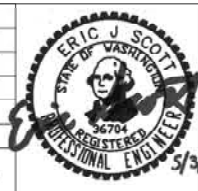
CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY
DESIGNED BY:			
DRAWN BY:			



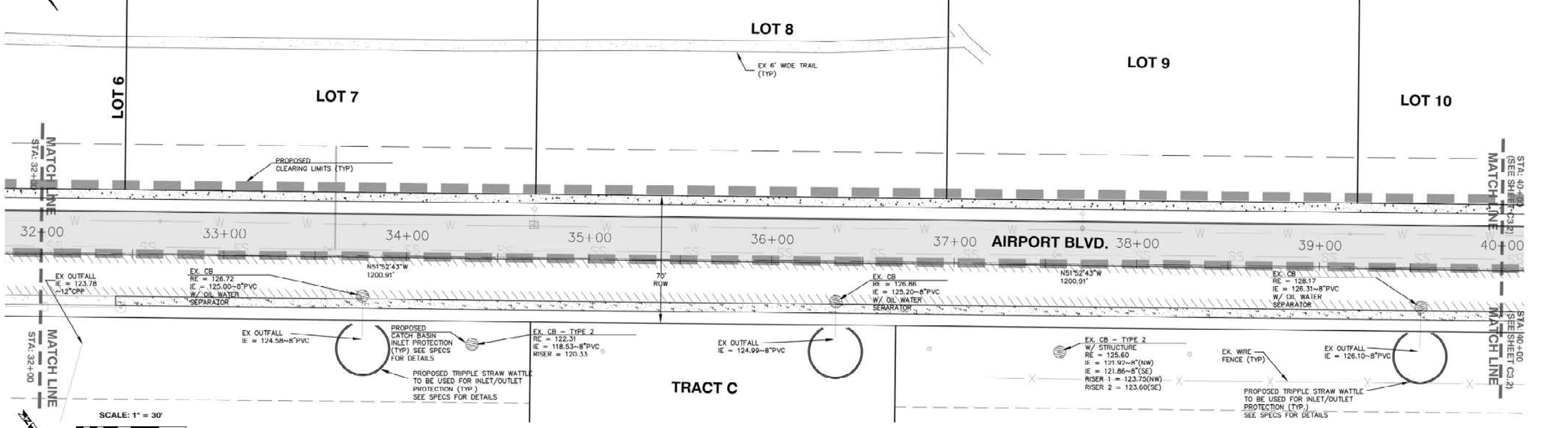
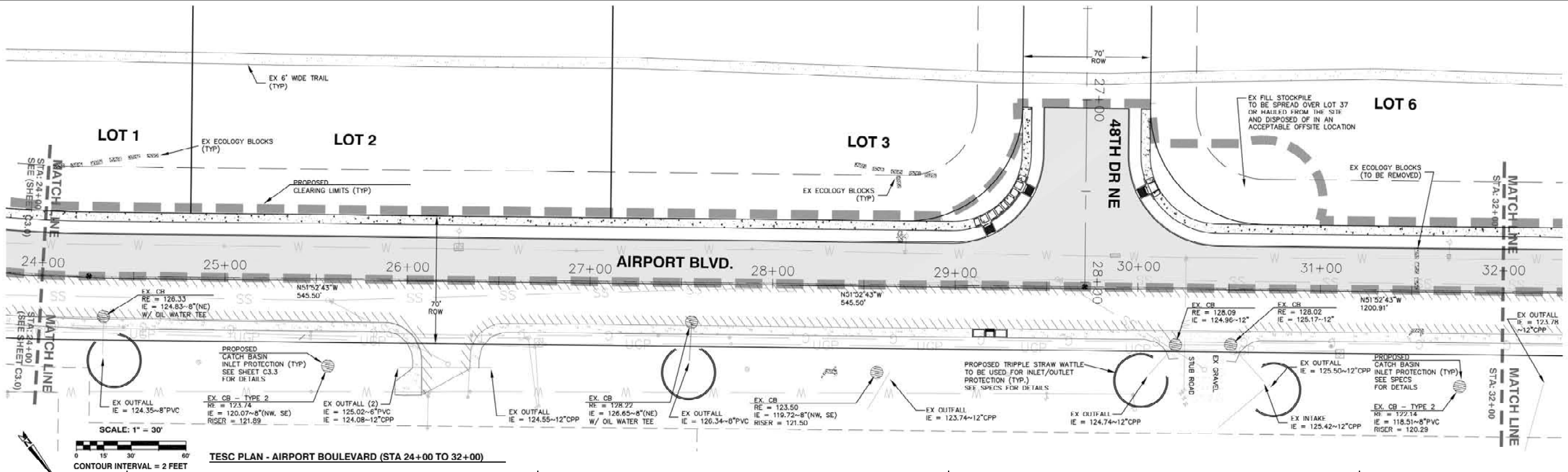
APPROVED FOR CONSTRUCTION
JoX Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
TESC PLAN
AIRPORT BOULEVARD

REFERENCE SHEET NO. **C3.0**
SHEET 6 OF X SHEETS

Plotted: Jul 15, 2010 - 10:27am T:\Powell C:\Documents and Settings\tpowell\Desktop\TDP Design\URLAGP\p02342\Submittal\URLAGP-C3.0.dwg Layout Name: C3.0 TESC PLAN (1)
 Last Saved By: TPowell Apr 27, 2010 - 9:03am



TESC LEGEND

	PROPOSED CATCH BASIN PROTECTION (SEE SPECS)		PROPOSED ASPHALT PAVEMENT
	PROPOSED TRIPPLE STRAW WATTLE (SEE SPECS)		PROPOSED SIDEWALK
	PROPOSED CLEARING LIMITS		PROPOSED ROW LINE
	PROPOSED FILTER FENCE (SEE SPECS)		ROAD CENTER LINE
			PRIVATE DRAINAGE SWALE ESMT LINE

CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY
DESIGNED BY:			
DRAWN BY:			

ERIC J. SCOTT
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
NO. 16704

TODD D. POWELL
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
NO. 16704

5/3/2012 EXPIRES 06/30/2012

APPROVED FOR CONSTRUCTION

JoX Kelly

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



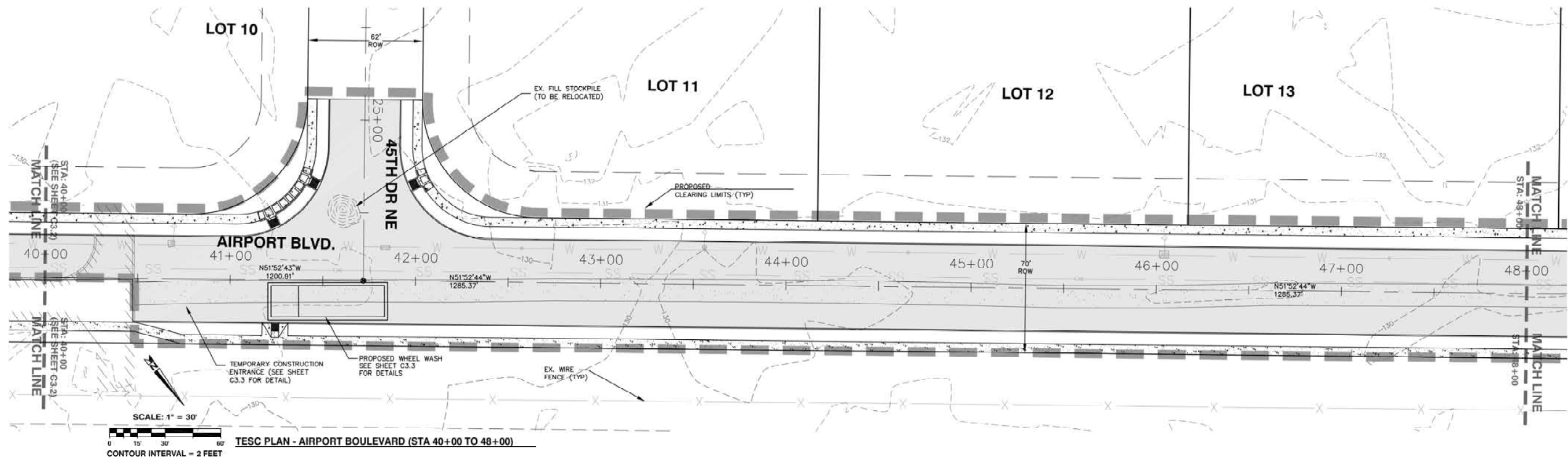
CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS

**TESC PLAN
AIRPORT BOULEVARD**

REFERENCE SHEET NO.
C3.1

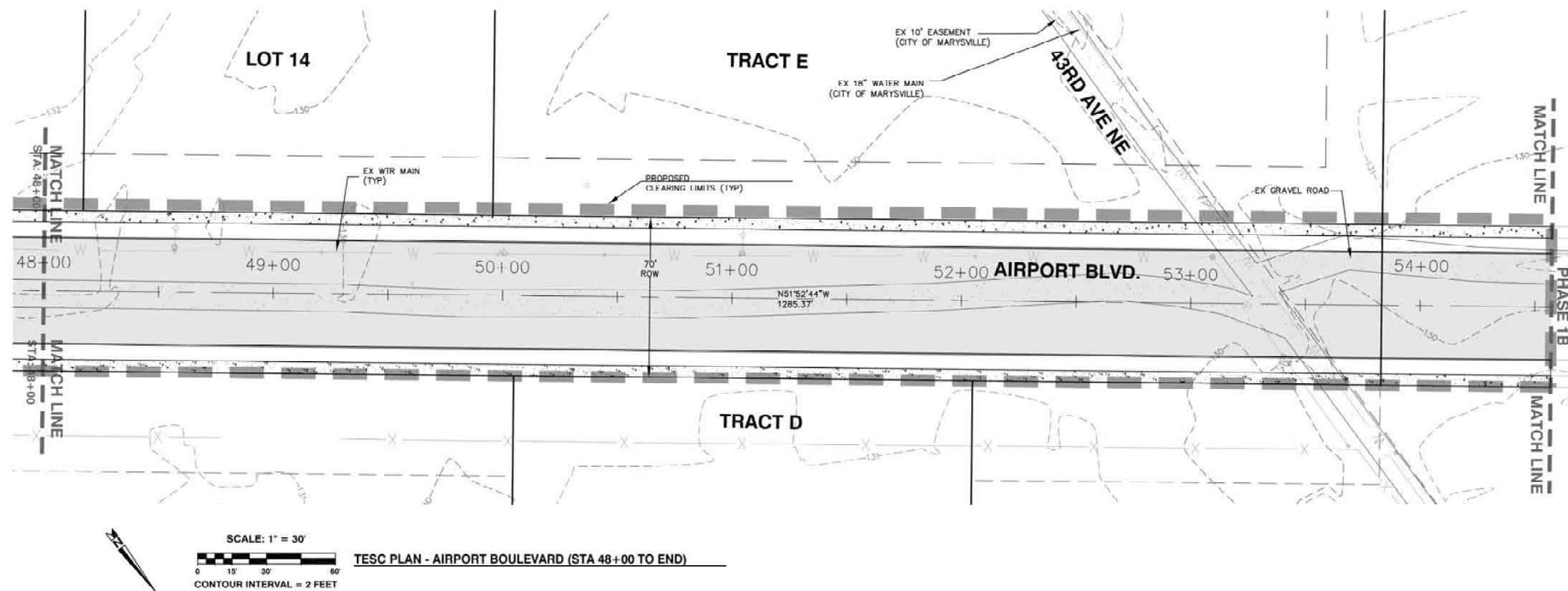
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TESC LEGEND

- PROPOSED CATCH BASIN PROTECTION (SEE SPECS)
- PROPOSED TRIPPLE STRAW WATTLE (SEE SPECS)
- PROPOSED CLEARING LIMITS
- PROPOSED FILTER FENCE (SEE SPECS)
- PROPOSED ASPHALT PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED ROW LINE
- ROAD CENTER LINE
- PRIVATE DRAINAGE SWALE ESMT LINE



CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

PROJECT #: P02.342
FA #: SPTUS 2693 (003) JOB NO. 2105-08

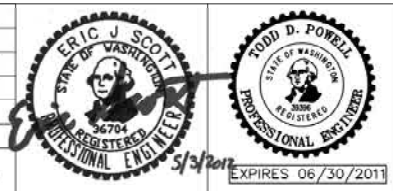
CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
TESC PLAN
AIRPORT BOULEVARD

REFERENCE SHEET NO. **C3.2**
SHEET 8 OF X SHEETS

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

DESIGNED BY: DEREK HANN, EIT TODD POWELL, PE
DRAWN BY: DEREK HANN, EIT TODD POWELL, PE



APPROVED FOR CONSTRUCTION

JoX Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

Plotted: Jul 15, 2010 - 10:33am T Powell C:\Documents and Settings\tpowell\Desktop\TP Design\URLAGP\dwg\26th\Submit\URLABP-C3.0.dwg Layout Name: C3.2 TESC PLAN (3)
 Last Saved By: T Powell Apr 27, 2010 - 9:03am

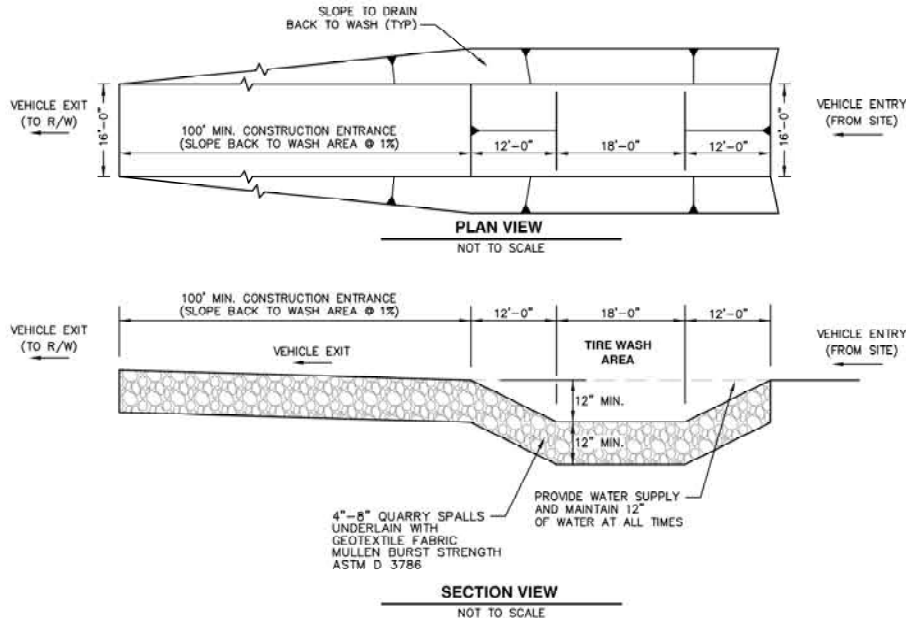
**CITY OF ARLINGTON
T.E.S.C. NOTES**

- APPROVAL OF THE TEMPORARY EROSION/SEDIMENT CONTROL (TESC) PLAN DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT ROAD OR STORM DRAINAGE DESIGN.
- A TESC PLAN MEETING THE DOE STORM WATER MANAGEMENT MANUAL ADOPTED BY THE CITY SHALL BE SUBMITTED TO THE CITY FOR APPROVAL PRIOR TO ANY WORK ON THE SITE. AN APPROVED COPY MUST BE MAINTAINED ON-SITE AND BE READILY AVAILABLE TO THE CITY INSPECTOR AT THEIR REQUEST.
- THE TESC BMP'S SHOWN ON THE PLAN MUST BE INSTALLED PRIOR TO ALL OTHER CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM, LEAVE THE SITE, OR VIOLATE APPLICABLE WATER QUALITY STANDARDS. MAINTENANCE, REPLACEMENT, AND UPGRADING OF THE TESC PLAN IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE CITY.
- THE BOUNDARIES OF THE CLEARING LIMITS, SHOWN ON THE TESC PLAN, SHALL BE CLEARLY FENCED OR FLAGGED IN THE FIELD PRIOR TO STARTING CONSTRUCTION. NO DISTURBANCE BEYOND THE FENCED OR FLAGGED CLEARING LIMITS SHALL BE PERMITTED. THE FENCING AND/OR FLAGGING SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONSTRUCTION PROJECT.
- THE TESC FACILITIES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, THESE TESC FACILITIES SHALL BE UPGRADED AND ADDED TO AS NEEDED, FOR UNEXPECTED STORM EVENTS AND TO REFLECT CHANGED CONDITIONS, AS REQUIRED BY THE CITY.
- THE CONTRACTOR SHALL PROVIDE THE CITY A 24-HOUR EMERGENCY CONTACT PHONE NUMBER OF THE CONTRACTOR'S CERTIFIED EROSION CONTROL SUPERVISOR PRIOR TO STARTING CONSTRUCTION.
- THE TESC FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE CONTINUED FUNCTION AND OPERATION.
- BETWEEN OCTOBER 1 AND APRIL 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN TWO (2) DAYS SHALL BE IMMEDIATELY COVERED BY MULCH, SOIL OR PLASTIC COVERING. BETWEEN MAY 1 AND SEPTEMBER 30, DISTURBED AREAS THAT ARE TO BE LEFT UNWORKED FOR MORE THAN SEVEN (7) DAYS SHALL BE IMMEDIATELY COVERED BY SEEDING OR OTHER APPROVED METHODS.
- SEDIMENT DEPOSITS SHALL BE REMOVED FROM ALL CATCH BASINS, PRE-TREATMENT/SEDIMENT POND, AND SEDIMENT TRAPS UPON REACHING A DEPTH OF 12 INCHES.
- ANY PERMANENT RETENTION/DETENTION FACILITY USED AS A TEMPORARY SETTLING BASIN SHALL BE MODIFIED WITH THE NECESSARY EROSION CONTROL MEASURES, SHALL PROVIDE ADEQUATE STORAGE CAPACITY, AND SHALL BE CLEANED OUT ENTIRELY ONCE THE SITE IS STABILIZED. IF THE PERMANENT FACILITY IS ULTIMATELY FUNCTION AS AN INFILTRATION SYSTEM, THE FACILITY SHALL NOT BE USED AS A TEMPORARY SETTLING BASIN.
- WHERE SEEDING FOR TEMPORARY EROSION CONTROL IS REQUIRED, FAST GERMINATING GRASSES SHALL BE APPLIED AT AN APPROXIMATE RATE OF 120 LBS PER ACRE.
- WHERE STRAW MULCH FOR TEMPORARY EROSION CONTROL IS REQUIRED, IT SHALL BE APPLIED AT A MINIMUM THICKNESS OF 3 INCHES, OR 3,000 POUNDS PER ACRE.
- SOIL STOCKPILES SHALL BE STABILIZED WITHIN 24 HOURS. WHEN ACTIVELY WORKING WITH THE SOIL STOCKPILE, STABILIZATION BY GROUND COVER BMP'S SHALL OCCUR AT THE END OF EACH WORK DAY.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO INSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
- MAINTENANCE AND REPAIR OF TESC FACILITIES AND STRUCTURES SHALL BE CONDUCTED IMMEDIATELY UPON RECOGNITION OF A PROBLEM OR WHEN THE TESC MEASURES BECOME DAMAGED.
- UPON COMPLETION OF THE PROJECT, ALL BMP'S SHALL BE REMOVED FROM THE SITE AND RIGHT OF WAY. IF BMP'S ARE REQUIRED TO REMAIN IN PLACE FOR FURTHER PROTECTION, ARRANGEMENTS FOR REMOVAL SHALL BE MADE WITH THE CITY INSPECTOR.

ADDITIONAL NOTES

- DRAINAGE OR SILTATION TO DOWNSTREAM FACILITIES DUE TO INADEQUATE BMP'S SHALL BE CLEANED AND REPAIRED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
- SITE ADDRESS IS ASSUMED TO BE FROM 172ND. IF CONTRACTOR SHALL HAVE EQUIPMENT LEAVING AT 188TH, A WHEEL WASH AND CONSTRUCTION ENTRANCE SHALL BE PROVIDED THERE AS WELL.
- RAIN GARDENS SHALL BE TEMPORARILY EXCAVATED TO FLOWLINE DURING ROAD CONSTRUCTION. FOLLOWING COMPLETION OF ROAD CONSTRUCTION, RAIN GARDENS SHALL THEN BE OVER-EXCAVATED AND BACKFILLED WITH "RAIN GARDEN SOIL MIX" PER SPECS AND DETAIL ON SHEET C5.0. RAIN GARDENS SHALL BE PROTECTED FROM CONSTRUCTION STORMWATER TO AVOID CLOGGING AND EXCESS SILT.

TIRE WASH AND TEMPORARY GRAVEL CONSTRUCTION ENTRANCE DETAIL



CONSTRUCTION NOTES:

- INSTALLATION:** THE AREA OF THE ENTRANCE SHOULD BE CLEARED OF ALL VEGETATION, ROOTS AND OTHER OBJECTIONABLE MATERIAL. THE GRAVEL SHALL BE PLACED TO THE SPECIFIED DIMENSIONS. ANY DRAINAGE FACILITIES REQUIRED BECAUSE OF WASHING SHOULD BE CONSTRUCTED ACCORDING TO SPECIFICATIONS IN THE PLAN. IF WASH RACKS ARE USED, THEY SHOULD BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- AGGREGATE:** 4" TO 8" CRUSHED BALLAST ROCK.
ENTRANCE DIMENSIONS: THE AGGREGATE LAYER MUST BE AT LEAST 12 INCHES THICK. IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA. THE LENGTH OF THE ENTRANCE MUST BE AT MINIMUM 100'-FT.
- MAINTENANCE:** THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 2 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN OUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAY OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

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 Last Saved By: T\Powell Apr 27, 2010 - 9:03am

**CALL TWO BUSINESS
DAYS BEFORE YOU
DIG 1-800-424-5555**

**PROJECT #: P02.342
FA #: SPTUS 2693 (003)**

JOB NO. 2105-08

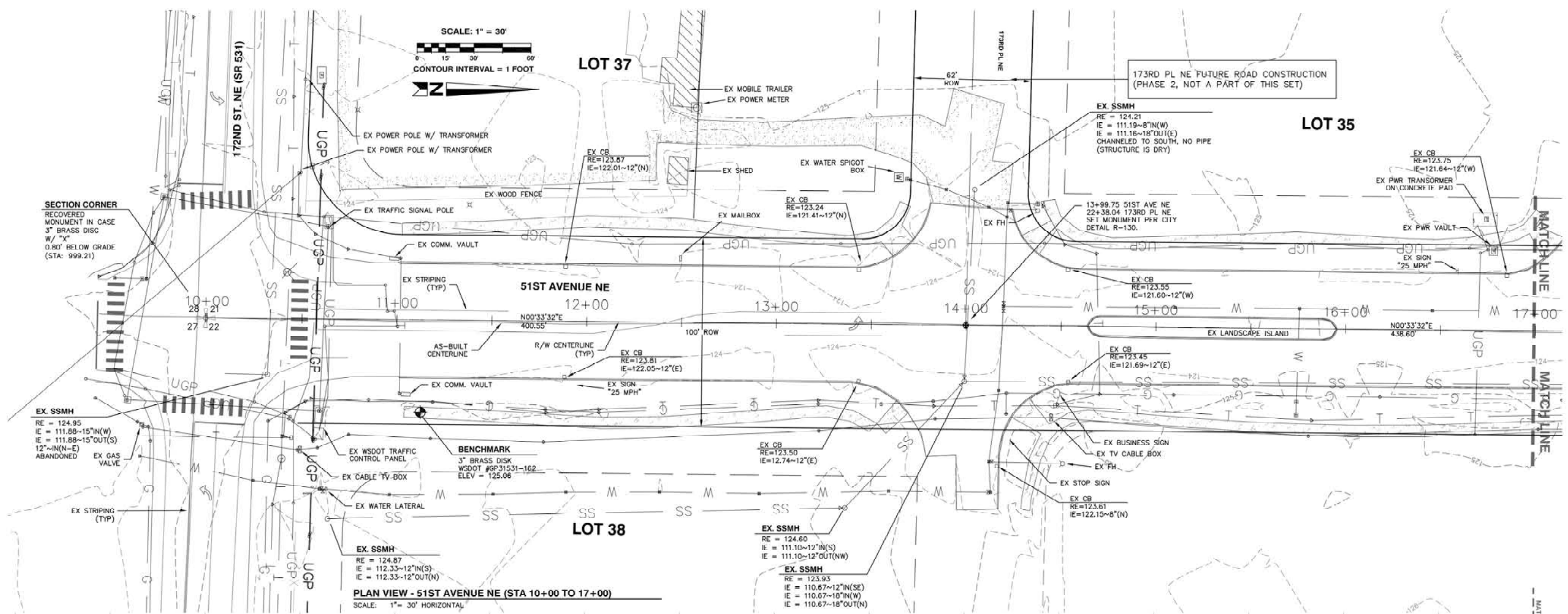
PLAN CHECK	BY	DATE	NO.	REVISION	BY

APPROVED FOR CONSTRUCTION
James Kelly
 JAMES KELLY, PE
 PUBLIC WORKS DIRECTOR
 May 3, 2012
 DATE APPROVED:

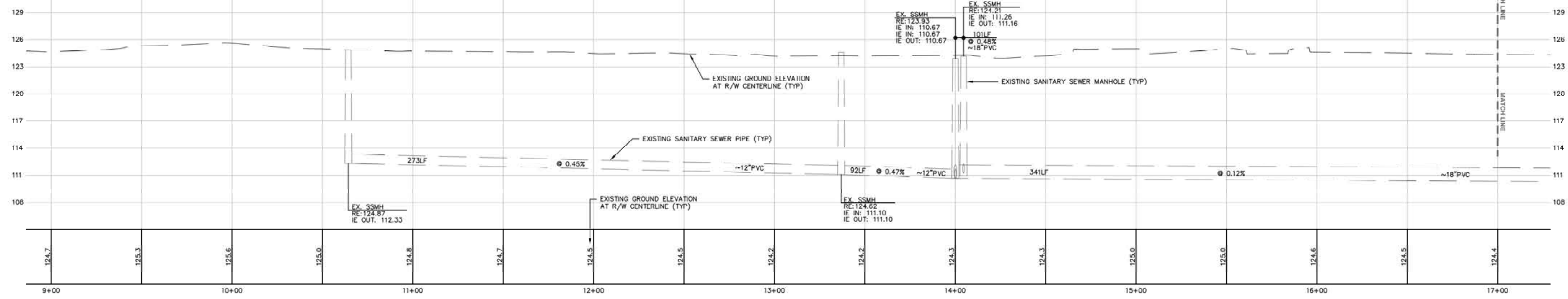


CITY OF ARLINGTON
 AIRPORT BOULEVARD ROAD IMPROVEMENTS
TESC NOTES & DETAILS
AIRPORT BOULEVARD

REFERENCE SHEET NO.
C3.3
 SHEET 9 OF X SHEETS



PLAN VIEW - 51ST AVENUE NE (STA 10+00 TO 17+00)
SCALE: 1" = 30' HORIZONTAL



PROFILE VIEW - 51ST AVENUE NE (STA 10+00 TO 17+00)
SCALE: 1" = 6" VERTICAL
1" = 30' HORIZONTAL

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CALL TWO BUSINESS DAYS BEFORE YOU DIG - CALL 811

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

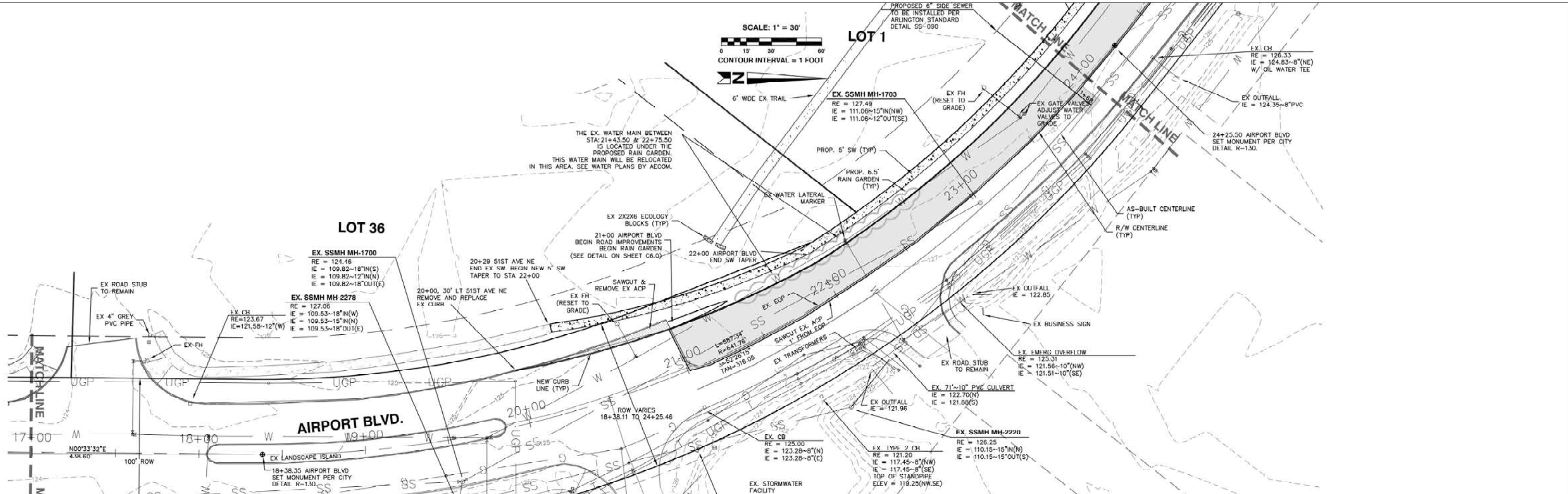
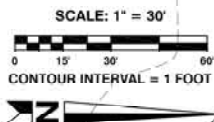
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DESIGNED BY:			
DRAWN BY:			

APPROVED FOR CONSTRUCTION

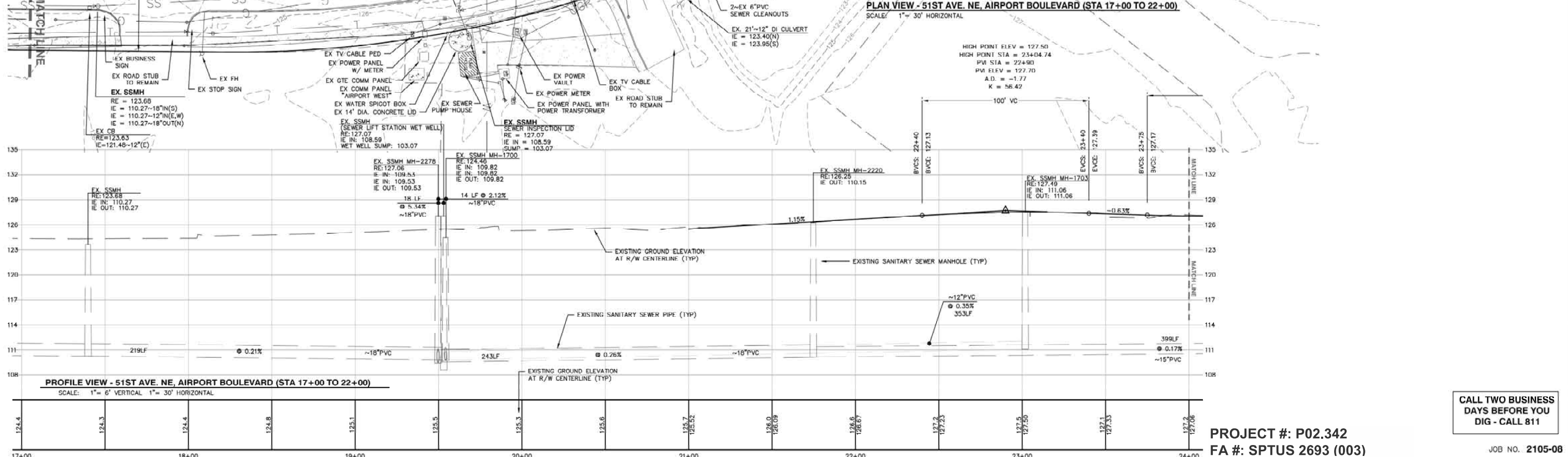
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
ROAD AND GRADING PLAN & PROFILE
AIRPORT BOULEVARD

REFERENCE SHEET NO.
C4.0
SHEET
10
OF
X
SHEETS



PLAN VIEW - 51ST AVE. NE, AIRPORT BOULEVARD (STA 17+00 TO 22+00)
SCALE: 1" = 30' HORIZONTAL



PROFILE VIEW - 51ST AVE. NE, AIRPORT BOULEVARD (STA 17+00 TO 22+00)
SCALE: 1" = 6' VERTICAL 1" = 30' HORIZONTAL

CALL TWO BUSINESS DAYS BEFORE YOU DIG - CALL 811

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

APPROVED FOR CONSTRUCTION

DATE APPROVED: May 3, 2012

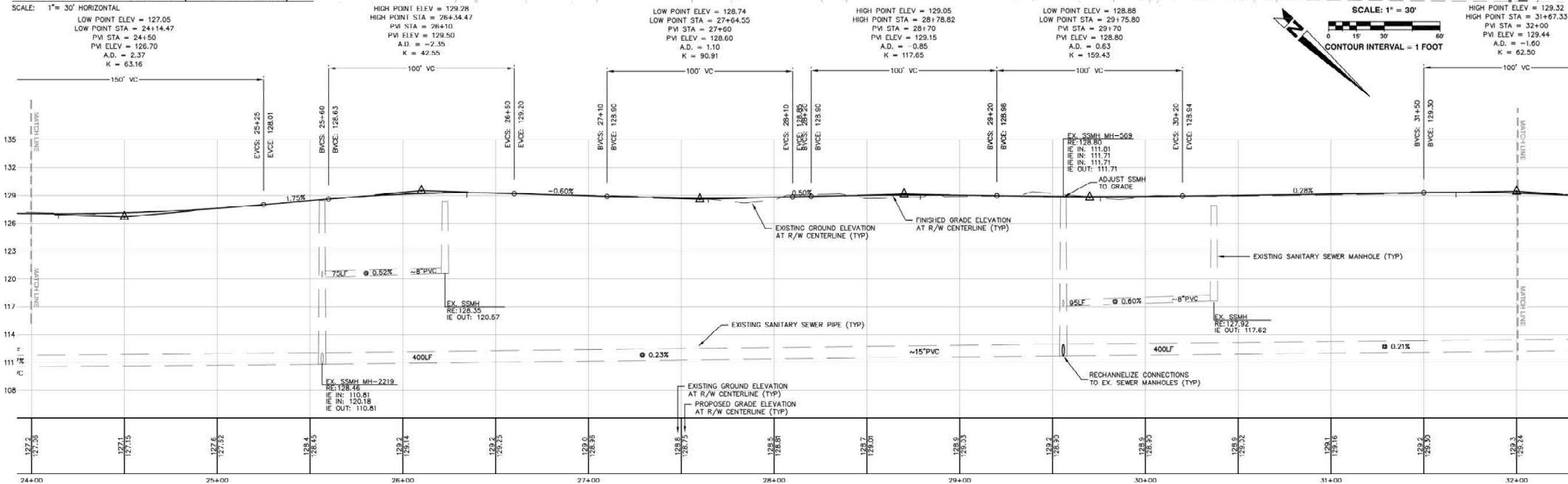
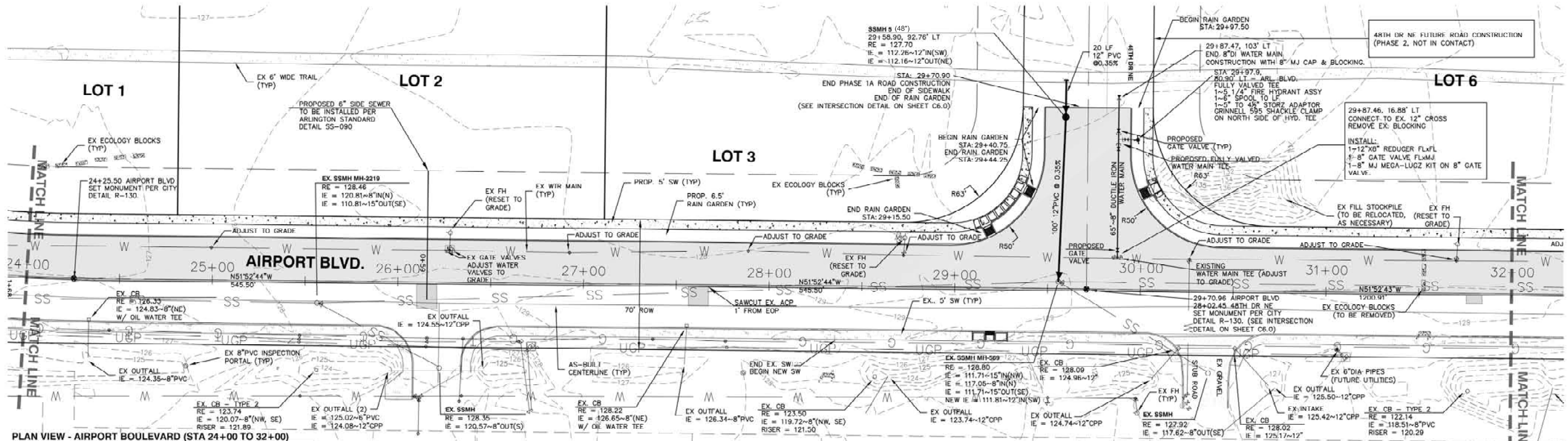
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
ROAD AND GRADING PLAN & PROFILE
AIRPORT BOULEVARD

REFERENCE SHEET NO. **C4.1**

SHEET 11 OF X SHEETS

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PROFILE VIEW - AIRPORT BOULEVARD (STA 24+00 TO 32+00)
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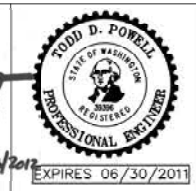
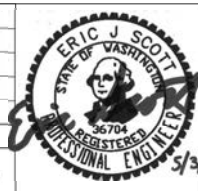
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CALL TWO BUSINESS DAYS BEFORE YOU DIG - CALL 811

**PROJECT #: P02.342
 FA #: SPTUS 2693 (003)**

JOB NO. **2105-08**

PLAN CHECK	BY	DATE	
DATE	NO.	REVISION	BY
DESIGNED BY:		DRAWN BY:	
DEREK HANN, EIT	TODD POWELL, PE	DEREK HANN, EIT	TODD POWELL, PE

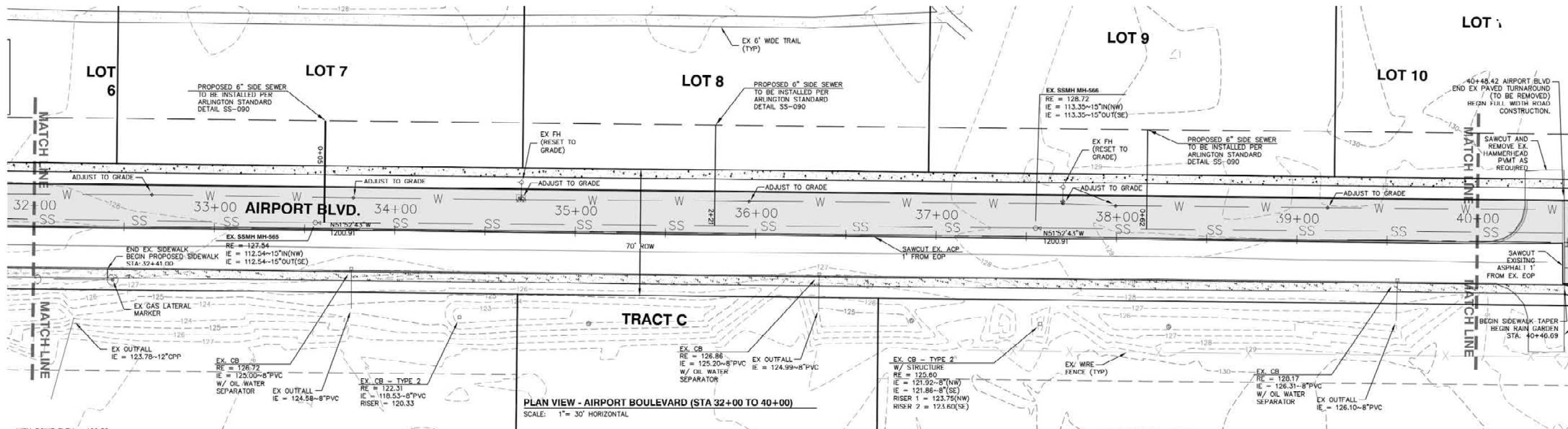


APPROVED FOR CONSTRUCTION
Joey Kelly
 JOEY KELLY, PE
 PUBLIC WORKS DIRECTOR
 May 3, 2012
 DATE APPROVED:

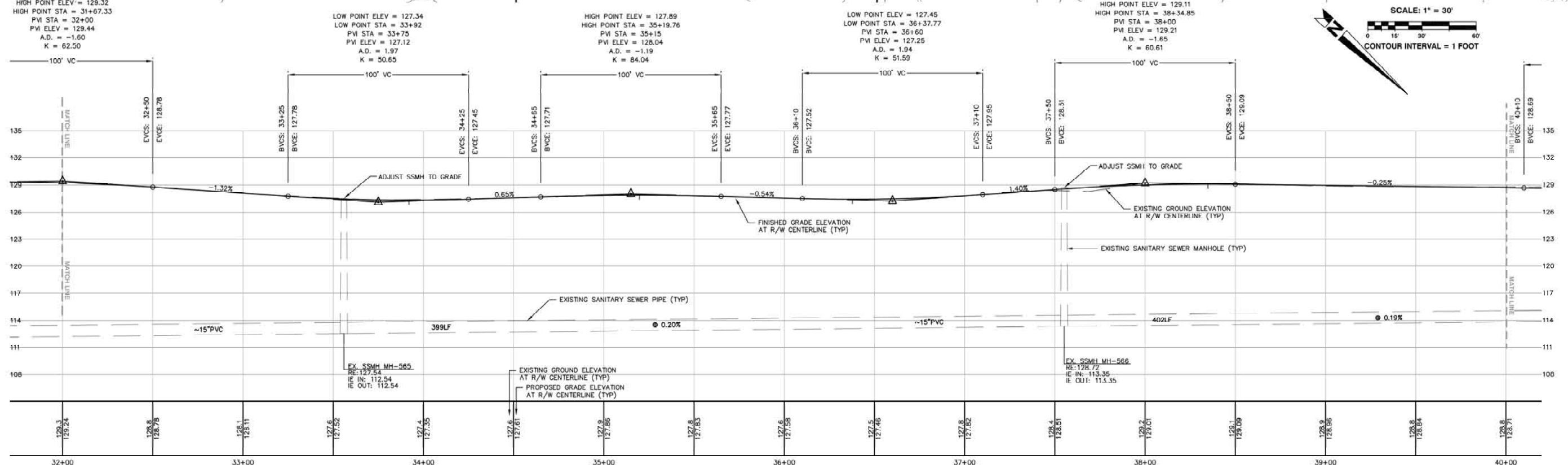


CITY OF ARLINGTON
 AIRPORT BOULEVARD ROAD IMPROVEMENTS
**ROAD AND GRADING PLAN & PROFILE
 AIRPORT BOULEVARD**

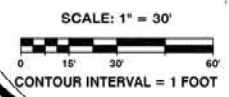
REFERENCE SHEET NO.
C4.2
 SHEET 12 OF X SHEETS



PLAN VIEW - AIRPORT BOULEVARD (STA 32+00 TO 40+00)
SCALE: 1" = 30' HORIZONTAL



PROFILE VIEW - AIRPORT BOULEVARD (STA 32+00 TO 40+00)
SCALE: 1" = 6' VERTICAL
1" = 30' HORIZONTAL



CALL TWO BUSINESS DAYS BEFORE YOU DIG - CALL 811

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

APPROVED FOR CONSTRUCTION

JoX Kelly

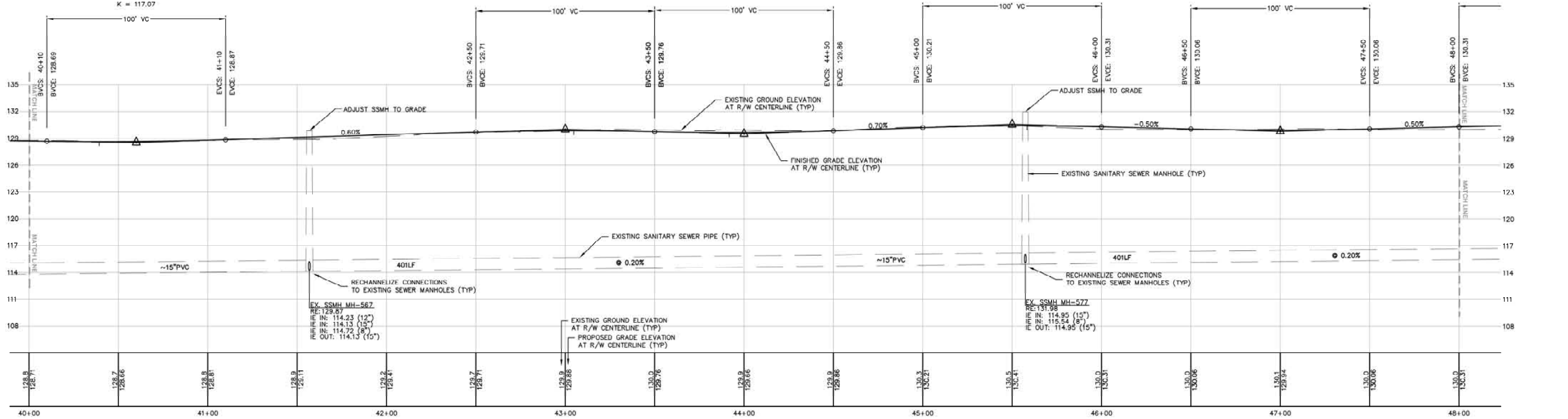
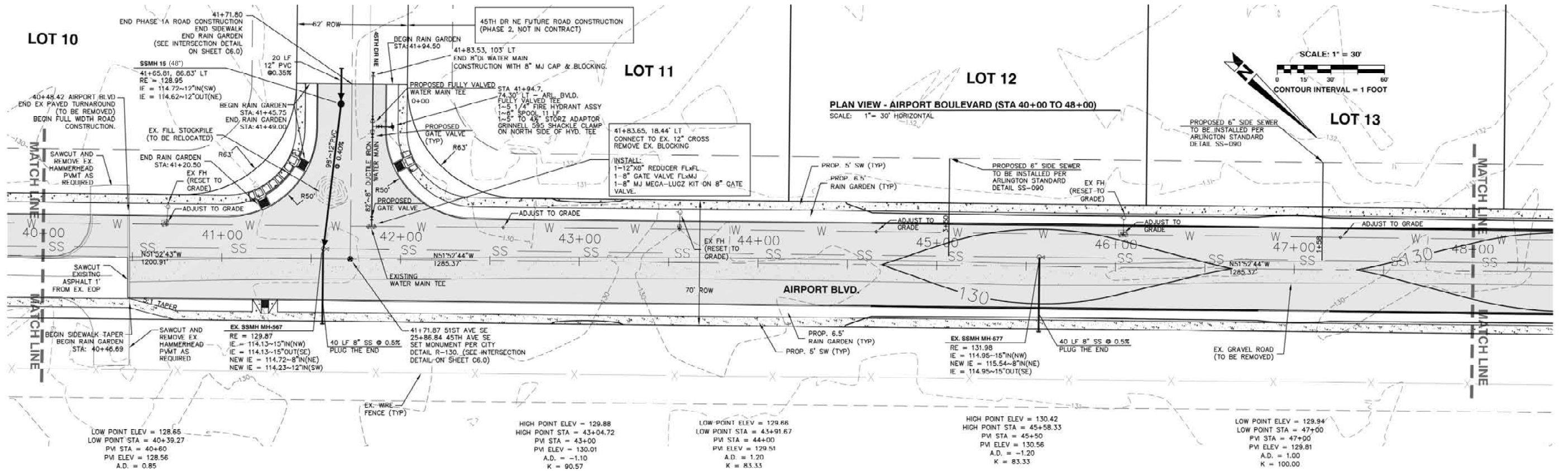
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
ROAD AND GRADING PLAN & PROFILE
AIRPORT BOULEVARD

REFERENCE SHEET NO.
C4.3
SHEET 13 OF X SHEETS

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 Last Saved By: T\Powell Apr 27, 2010 - 1:03pm



PROFILE VIEW - AIRPORT BOULEVARD (STA 40+00 TO 48+00)
 SCALE: 1" = 6" VERTICAL
 1" = 30' HORIZONTAL

CALL TWO BUSINESS DAYS BEFORE YOU DIG - CALL 811

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

CITY OF ARLINGTON
 AIRPORT BOULEVARD ROAD IMPROVEMENTS
ROAD AND GRADING PLAN & PROFILE
AIRPORT BOULEVARD

REFERENCE SHEET NO.
C4.4
 SHEET 14 OF X SHEETS

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PLAN CHECK	BY	DATE	REVISION	BY

ERIC J. SCOTT
 STATE OF WASHINGTON
 LICENSED PROFESSIONAL ENGINEER
 36704
 EXPIRES 06/30/2011

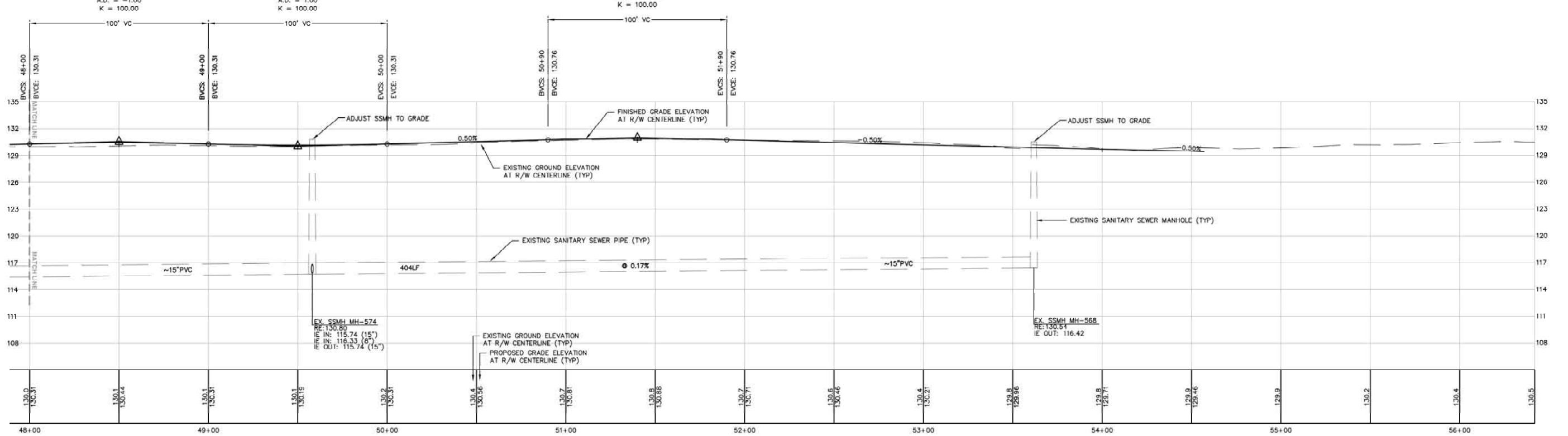
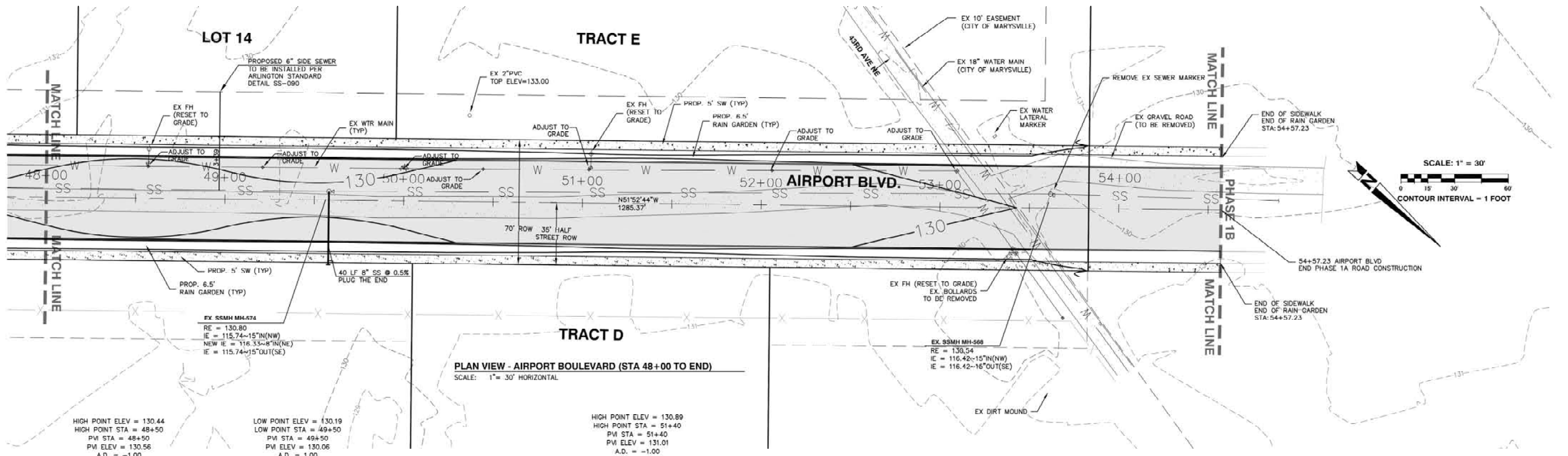
TODD D. POWELL
 STATE OF WASHINGTON
 LICENSED PROFESSIONAL ENGINEER
 36704
 EXPIRES 06/30/2011

APPROVED FOR CONSTRUCTION

JoX Kelly

JAMES KELLY, PE
 PUBLIC WORKS DIRECTOR
 May 3, 2012
 DATE APPROVED:





Plotfile: Jul 15, 2010 - 10:44am T:\Powell C:\Documents and Settings\jpowell\Desktop\TDP Design\URLAB\p02342\15th\Submittal\URLAB-C4.5.dwg Layout Name: C4.5 RD PLAN PROFILE AIR BLVD
Last Saved By: T:\Powell Apr 27, 2010 - 1:03pm

CALL TWO BUSINESS DAYS BEFORE YOU DIG - CALL 811

**PROJECT #: P02.342
FA #: SPTUS 2693 (003)**

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

ERIC J. SCOTT
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
No. 6704

TODD D. POWELL
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
No. 12021

5/3/2011 EXPIRES 06/30/2011

APPROVED FOR CONSTRUCTION

JoX Kelly

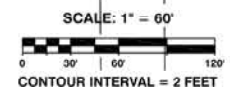
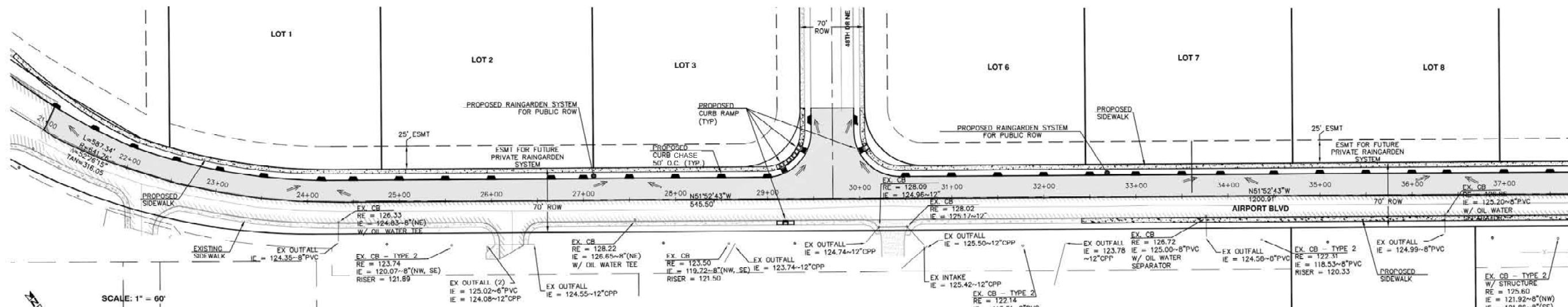
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



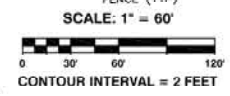
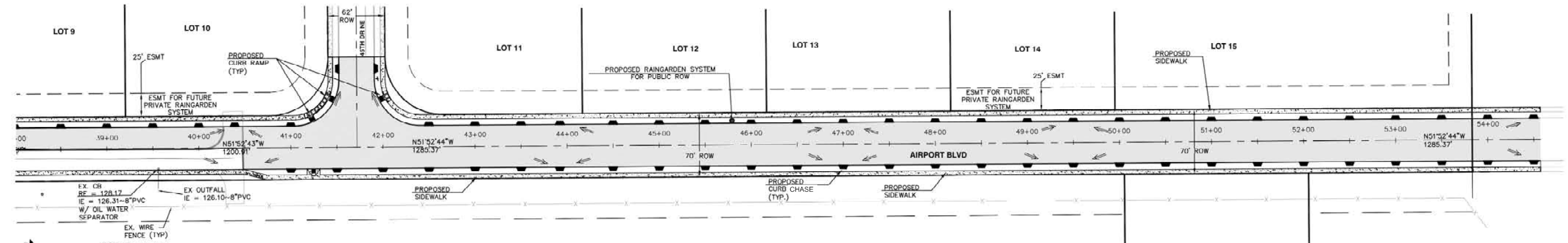
CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
**ROAD AND GRADING PLAN & PROFILE
AIRPORT BOULEVARD**

REFERENCE SHEET NO.
C4.5

SHEET
15
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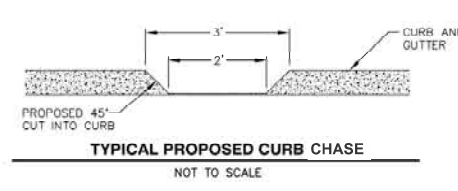
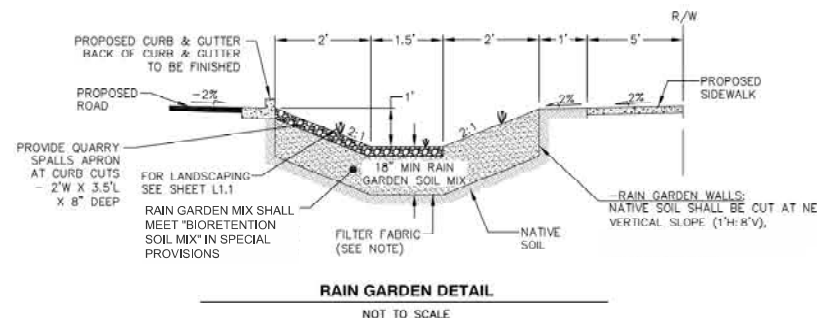


DRAINAGE PLAN VIEW - AIRPORT BLVD. (STA 21+00 TO 38+00)
SCALE: 1" = 60'



DRAINAGE PLAN VIEW - AIRPORT BLVD. (STA 38+00 TO END)
SCALE: 1" = 60'

CURB CUT DATA TABLE		CURB CUT DATA TABLE	
STA & OFFSET		STA & OFFSET	
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21+50, 24.85' LT		43+00, 23' LT & RT	
22+00, 23' LT		43+50, 23' LT & RT	
22+50, 23' LT		43+80, 23' LT & RT	
23+00, 23' LT		44+50, 23' LT & RT	
23+50, 23' LT		45+00, 23' LT & RT	
24+15, 23' LT		45+50, 23' LT & RT	
24+50, 23' LT		46+00, 23' LT & RT	
25+00, 23' LT		46+50, 23' LT & RT	
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41+50, 23' RT			
42+00, 23' RT			



- LEGEND**
- PROPOSED CURB CHASE FROM ROAD TO RAIN GARDEN
 - PROPOSED FLOW ARROW
 - PROPOSED SIDEWALK
 - EXISTING ASPHALT PAVEMENT
 - PROPOSED ASPHALT PAVEMENT
 - PROPOSED RIGHT-OF-WAY LINE
 - PROPOSED DRAINAGE EASEMENT LINE

CALL TWO BUSINESS DAYS BEFORE YOU DIG 1-800-424-5555

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

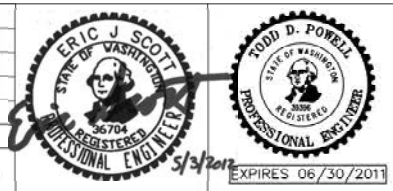
CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS

DRAINAGE PLAN & DETAILS

REFERENCE SHEET NO. **C5.0**
SHEET 16 OF X SHEETS

Plotted: Jul 15, 2010 - 11:11am T:\Powell C:\Documents and Settings\tpowell\My Documents\Projects\2010\2010-10-31\am
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 Layout Name: C5.0 DRAINAGE PLAN

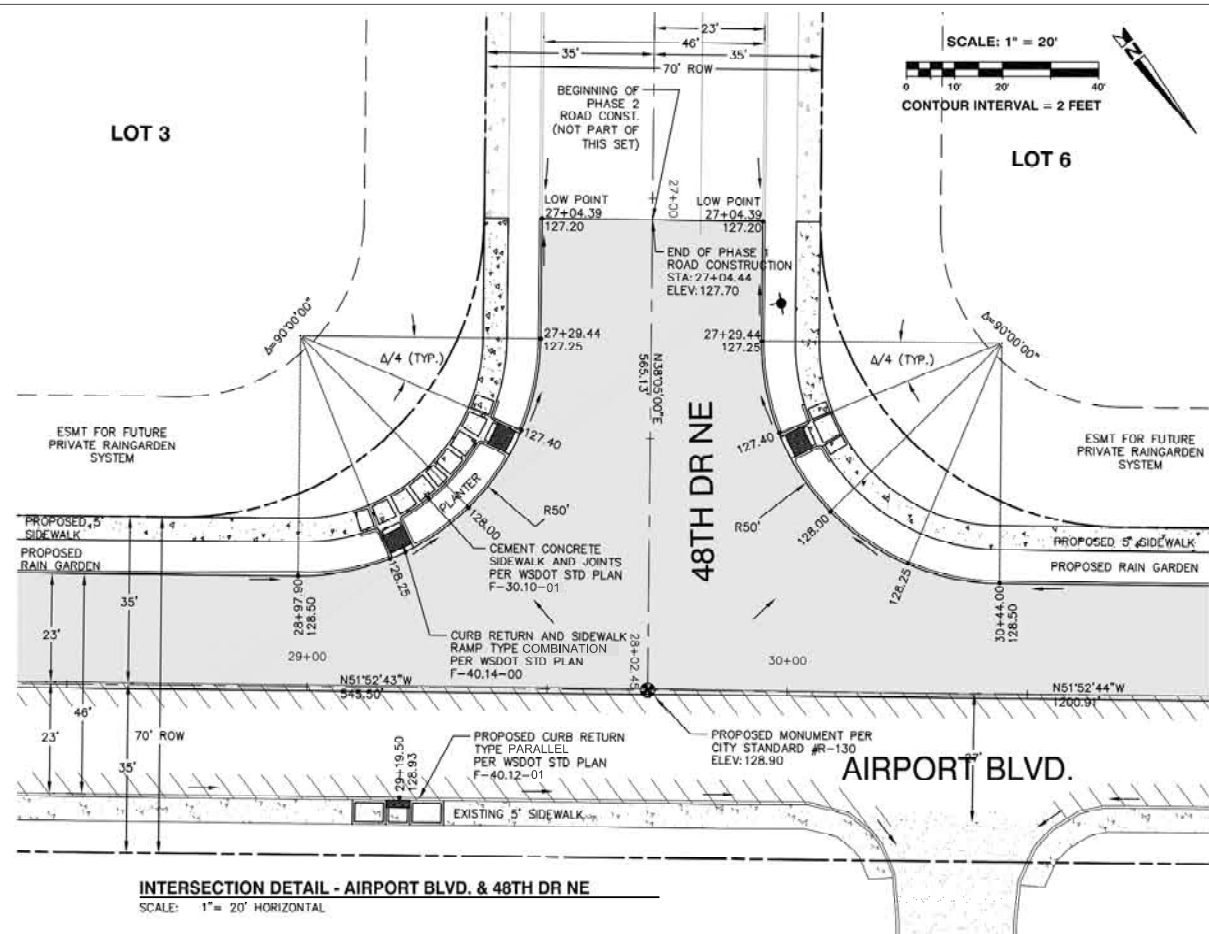
PLAN CHECK	BY	DATE	NO.	REVISION	BY
DESIGNED BY:	DEREK HANN, EIT	TODD POWELL, PE			
DRAWN BY:	DEREK HANN, EIT	TODD POWELL, PE			



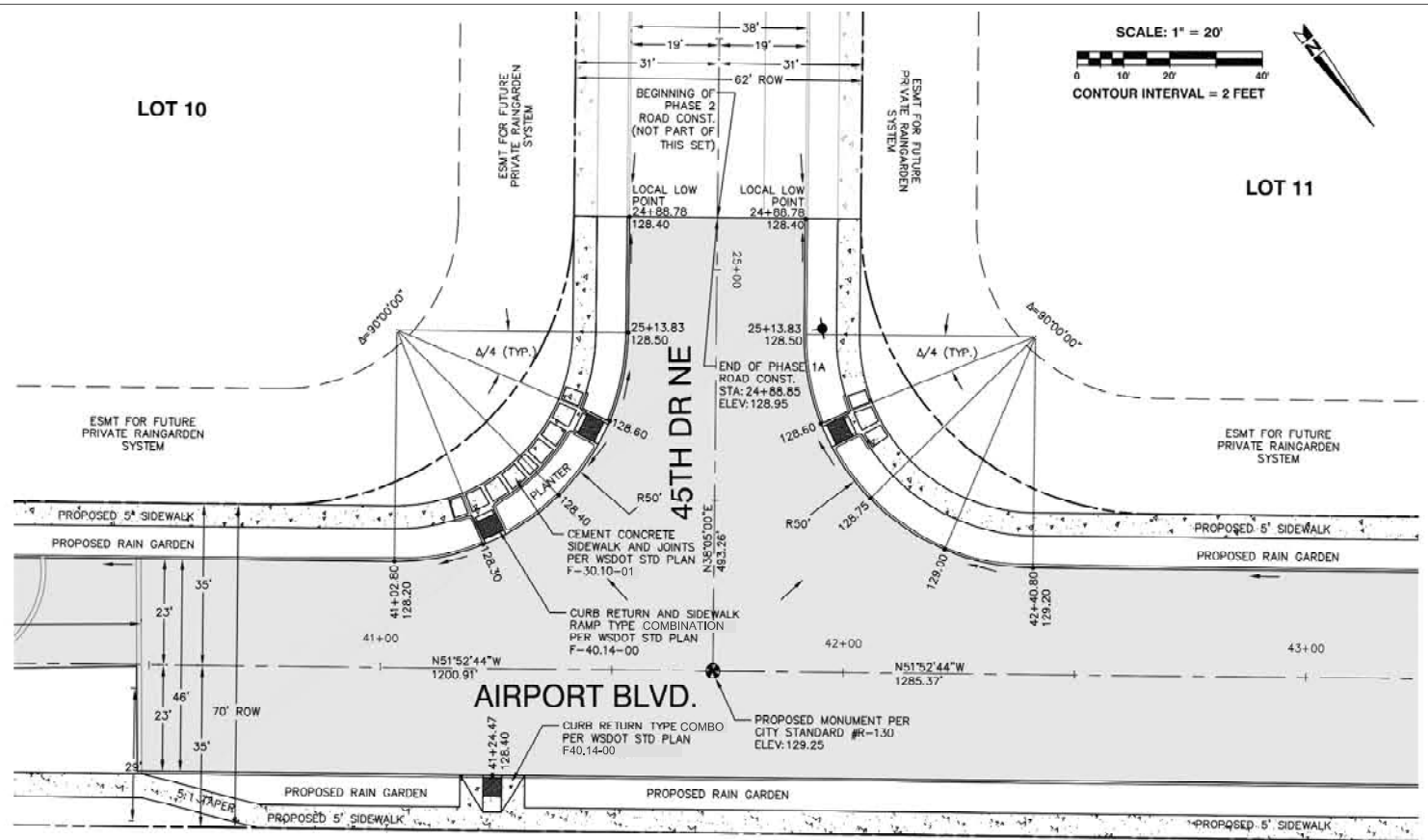
APPROVED FOR CONSTRUCTION
James Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



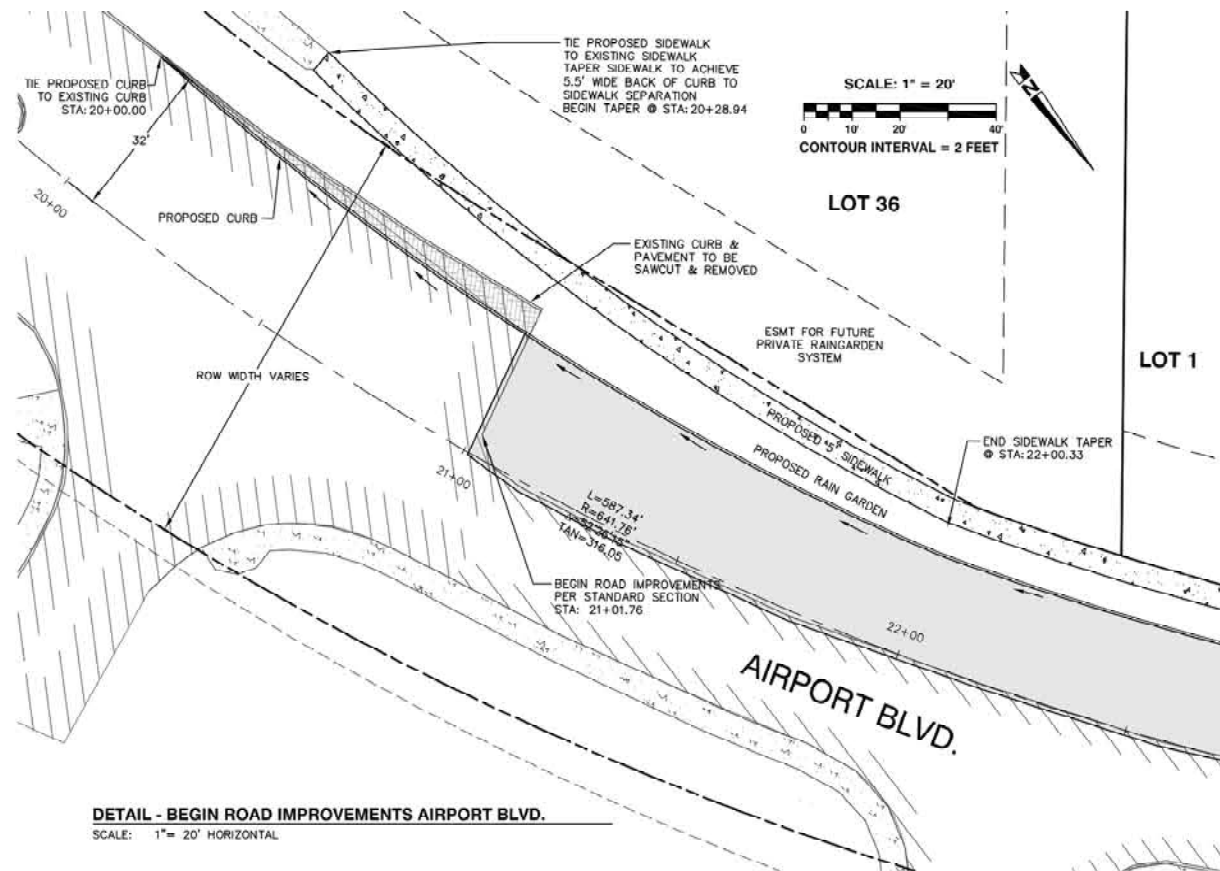
PROJECT #: P02.342
FA #: SPTUS 2693 (003)
JOB NO. 2105-08
CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
DRAINAGE PLAN & DETAILS
REFERENCE SHEET NO. **C5.0**
SHEET 16 OF X SHEETS



INTERSECTION DETAIL - AIRPORT BLVD. & 48TH DR NE
SCALE: 1" = 20' HORIZONTAL



INTERSECTION DETAIL - AIRPORT BLVD. & 45TH DR SE
SCALE: 1" = 20' HORIZONTAL



DETAIL - BEGIN ROAD IMPROVEMENTS AIRPORT BLVD.
SCALE: 1" = 20' HORIZONTAL

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY
DESIGNED BY:	TODD POWELL, PE	DRAWN BY:	DEREK HANN, EIT

APPROVED FOR CONSTRUCTION

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JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

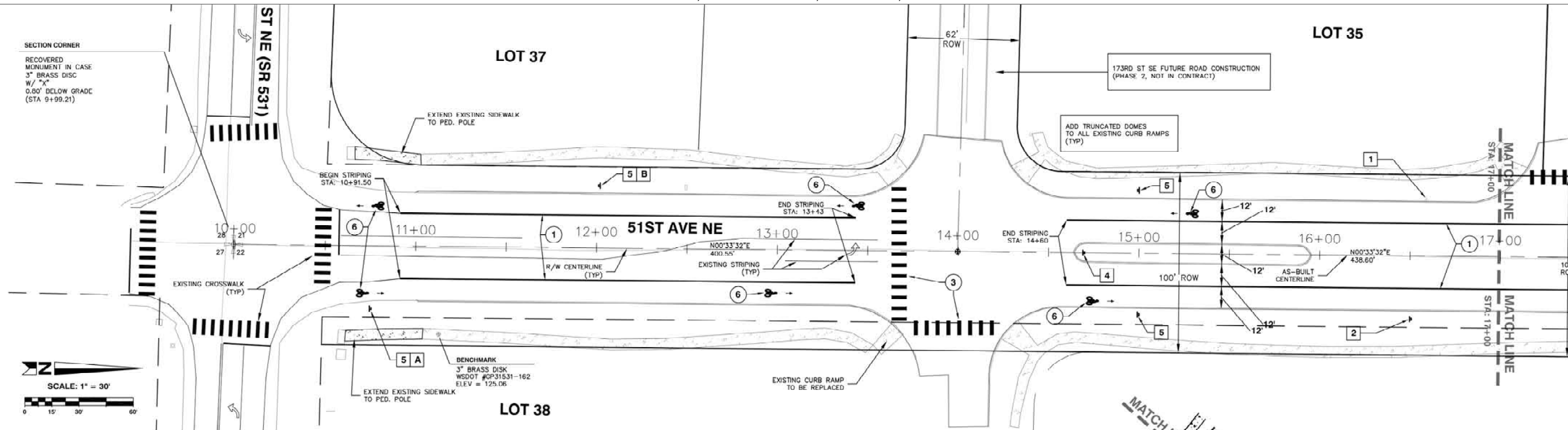


PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
**ROAD ENDS AND
INTERSECTION DETAILS**

REFERENCE SHEET NO.
C6.0
SHEET
17
OF
X
SHEETS

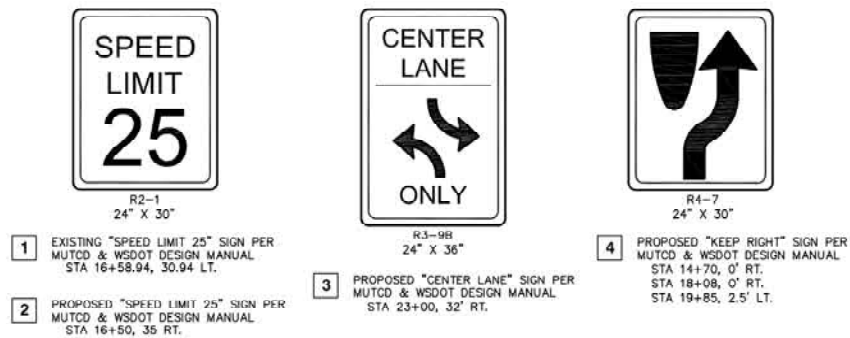


CHANNELIZATION & SIGNAGE PLAN
51ST AVE. NE (STA 10+00 TO 17+00)
SCALE: 1" = 30' HORIZONTAL

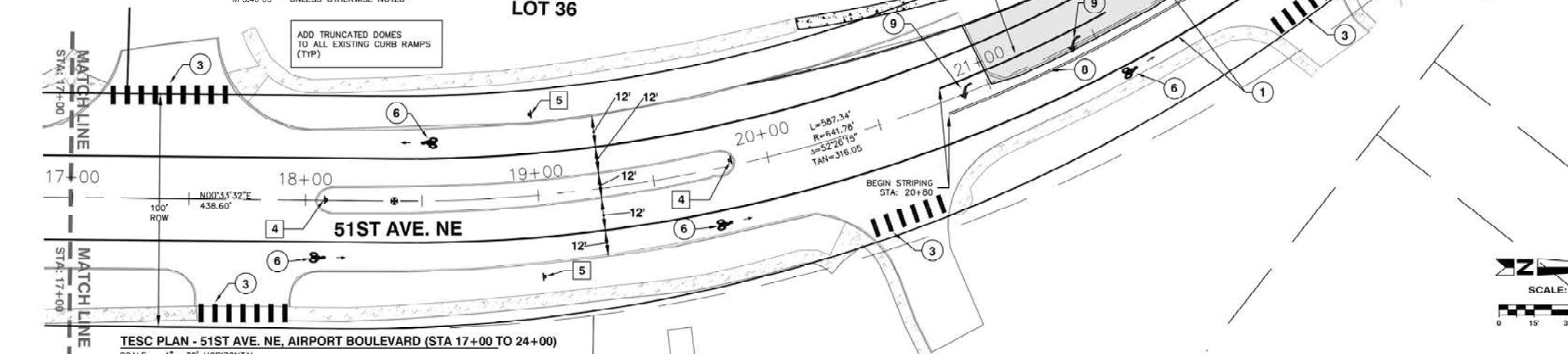
CHANNELIZATION LEGEND
(STA 10+00 TO 24+00)

- 1 PAINTED WIDE LINE
- 2 THERMOPLASTIC STOP BAR
- 3 THERMOPLASTIC CROSS LINE PER WSDOT STANDARD PLAN M-24.40.01
- 4 THERMOPLASTIC TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.41.01 STA 23+00, 0' RT.
- 5 PAINTED TWO-WAY LEFT TURN LINE
- 6 THERMOPLASTIC BICYCLE LANE SYMBOL PER WSDOT STANDARD PLAN M-9.50-01 STA 10+75, 24.5' LT & RT
STA 13+00, 24.5' RT
STA 13+40, 24.5' LT
STA 14+75, 24.5' RT
STA 15+25, 24.5' LT
STA 18+10, 24.5' RT
STA 18+50, 24.5' LT
STA 19+80, 24.5' RT
STA 21+60, 24.5' RT
STA 22+90, 24.5' RT
- 7 8" PAINTED WHITE LINE BEGIN @ STA 20+80 END @ STA 21+60
- 8 PAINTED DOUBLE CENTER LINE BEGIN @ STA: 20+80 END @ STA: 22+80
- 9 THERMOPLASTIC LEFT TURN ARROW STA 20+90, 0' RT STA 21+20, 0' RT

NOTE:
PAINTED AND THERMOPLASTIC LINES SHALL BE PER WSDOT STANDARD PLAN M-3.40-03 UNLESS OTHERWISE NOTED



SIGN NOTE:
1.) SIGNS SHALL BE INSTALLED PER CITY OF ARLINGTON STANDARD DETAIL R-120
2.) STREET SIGNS SHALL BE PER CITY OF ARLINGTON STANDARD DETAIL R-110 AND SHALL BE DOUBLE SIDED.



TESC PLAN - 51ST AVE. NE, AIRPORT BOULEVARD (STA 17+00 TO 24+00)
SCALE: 1" = 30' HORIZONTAL

- 5 PROPOSED "BIKE ROUTE" SIGN PER MUTCD & WSDOT DESIGN MANUAL STA 10+75, 35' RT.
STA 11+50, 35' LT.
STA 15+00, 35' LT. & RT.
STA 19+00, 35' LT. & RT.
- A PROPOSED "AHEAD" SIGN PER MUTCD & WSDOT DESIGN MANUAL STA 10+75, 35' RT.
- B PROPOSED "ENDS" SIGN PER MUTCD & WSDOT DESIGN MANUAL STA 11+50, 35' LT.

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

DESIGNED BY: DEREK HANN, EIT
DRAWN BY: TODD POWELL, PE

APPROVED FOR CONSTRUCTION

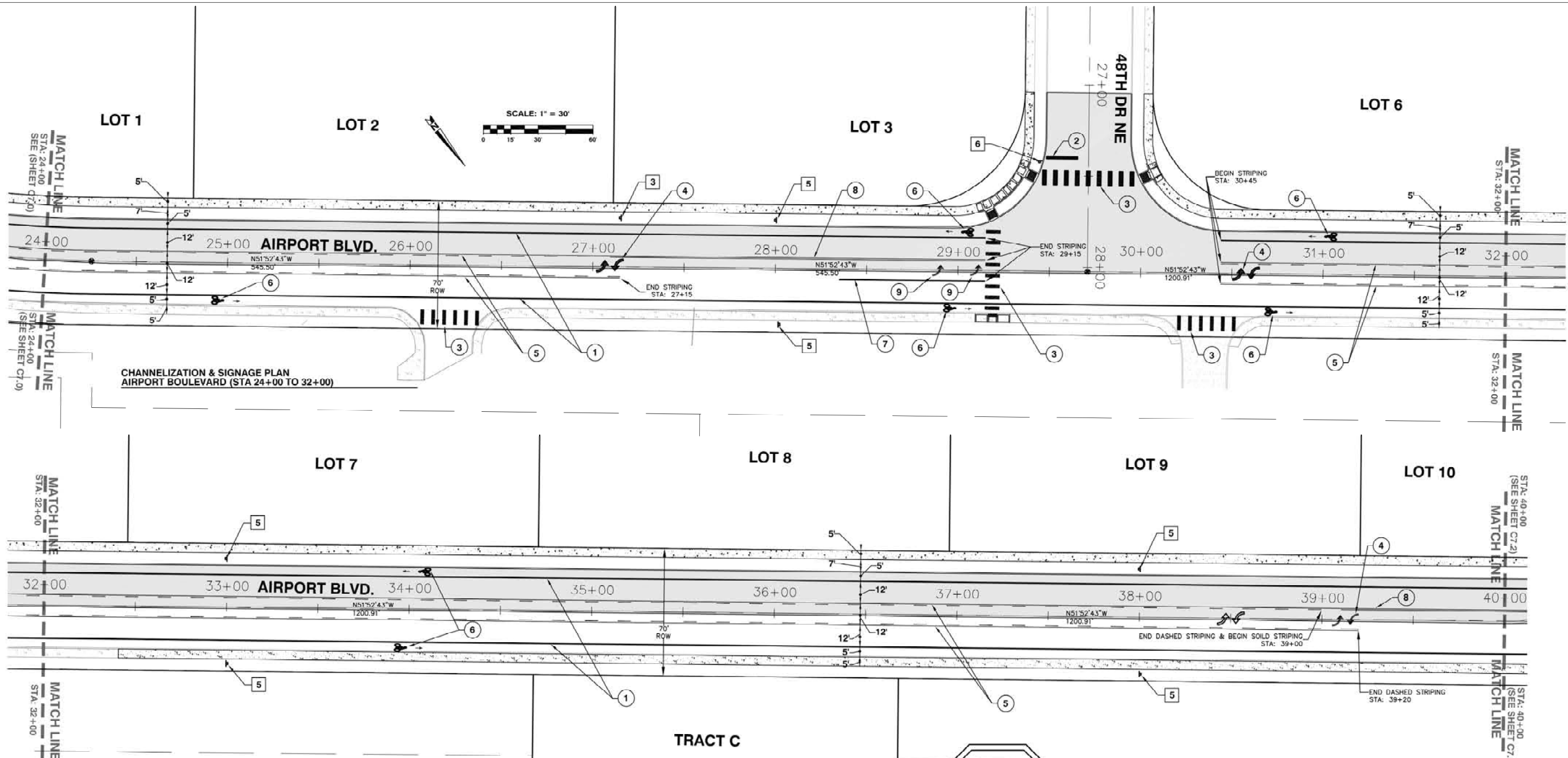
APPROVED FOR CONSTRUCTION

JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
CHANNELIZATION AND SIGNAGE
AIRPORT BOULEVARD

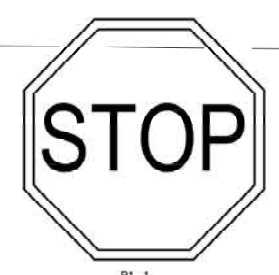
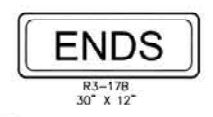
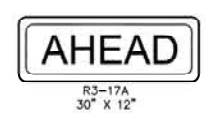
REFERENCE SHEET NO.
C7.0
SHEET 18 OF X SHEETS

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 Layout Name: C7.0 CHANNELIZATION PLAN (1)
 Last Saved By: T Powell Apr 27, 2010 - 10:25am



CHANNELIZATION & SIGNAGE PLAN
AIRPORT BOULEVARD (STA 24+00 TO 32+00)

CHANNELIZATION & SIGNAGE PLAN
AIRPORT BOULEVARD (STA 32+00 TO 40+00)



**CHANNELIZATION LEGEND
(STA 10+00 TO 24+00)**

- 1 PAINTED WIDE LINE
- 2 THERMOPLASTIC STOP BAR
STA 29+56, 62' LT.
- 3 THERMOPLASTIC CROSS LINE PER WSDOT
STANDARD PLAN M-24.40.01
- 4 THERMOPLASTIC TRAFFIC ARROW PER
WSDOT STANDARD PLAN M-24.41.01
STA 27+10, 0' RT.
STA 30+60, 0' RT.
STA 39+10, 0' RT
- 5 PAINTED TWO-WAY LEFT TURN LINE
- 6 THERMOPLASTIC BICYCLE LANE SYMBOL PER
WSDOT STANDARD PLAN M-9.50-01
STA 25+00, 20.5' RT
STA 29+00, 20.5' LT & RT
STA 30+75, 20.5' RT
STA 31+00, 20.5' LT
STA 34+00, 20.5' LT & RT
- 7 8" PAINTED WHITE LINE
BEGIN @ STA 28+35
END @ STA 29+15
- 8 PAINTED DOUBLE CENTER LINE
BEGIN @ STA: 27+15
END @ STA: 29+15
- 9 THERMOPLASTIC LEFT TURN ARROW
STA 28+90, 0' RT
STA 29+10, 0' RT

**PROJECT #: P02.342
FA #: SPTUS 2693 (003)**

JOB NO. 2105-08

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
**CHANNELIZATION AND SIGNAGE
AIRPORT BOULEVARD**

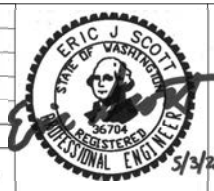
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C7.1
SHEET
19
OF
X
SHEETS

SIGN NOTE:
1.) SIGNS SHALL BE INSTALLED PER CITY OF ARLINGTON STANDARD DETAIL R-120
2.) STREET SIGNS SHALL BE PER CITY OF ARLINGTON STANDARD DETAIL R-110 AND SHALL BE DOUBLE SIDED.

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

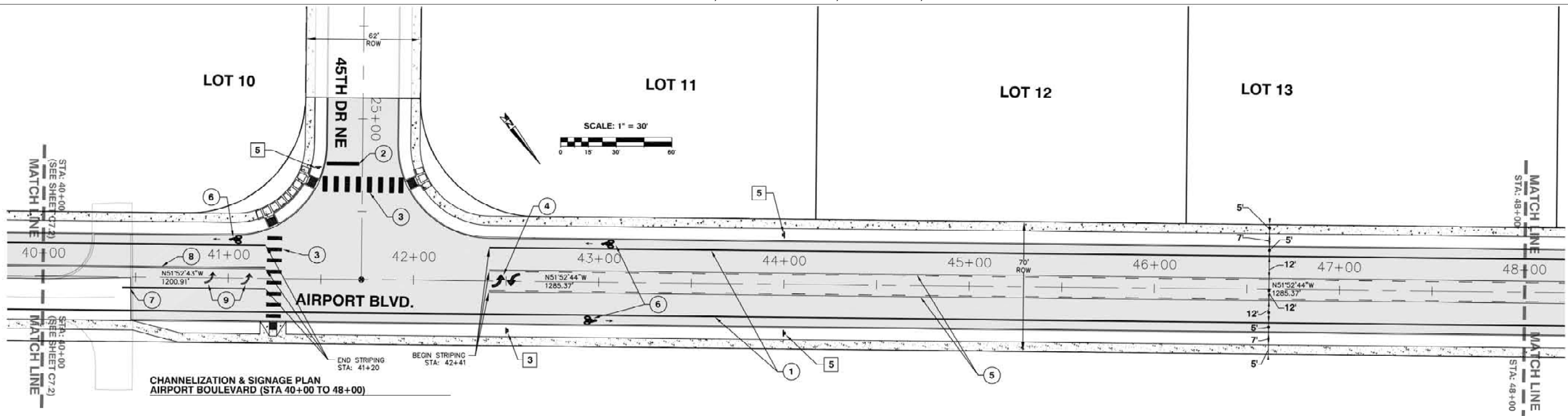
DESIGNED BY: DEREK HANN, EIT
DRAWN BY: DEREK HANN, EIT



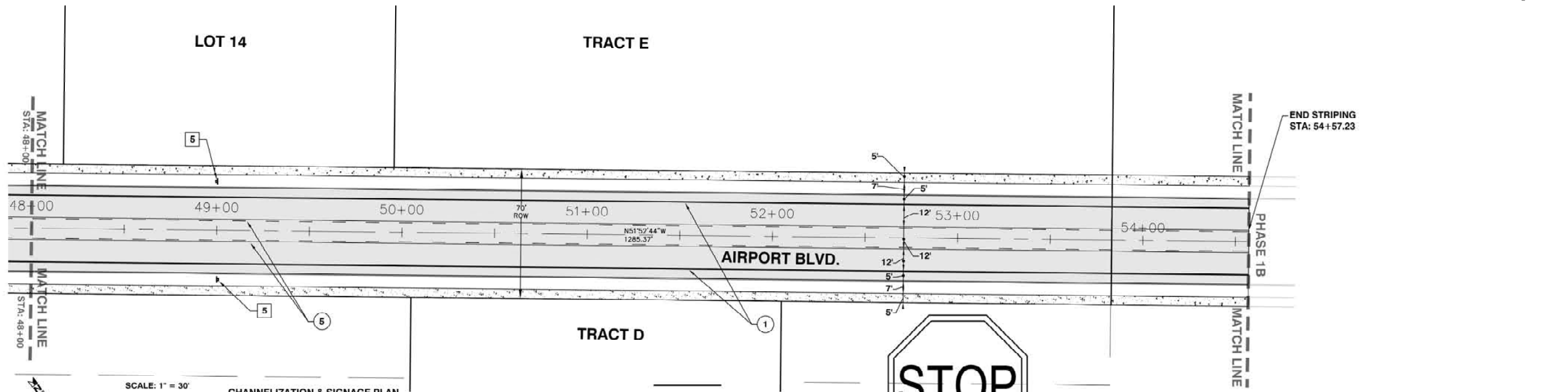
APPROVED FOR CONSTRUCTION
JoX Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



Plotted: Jul 15, 2010 - 11:37am
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 Layout Name: C7.1 CHANNELIZATION PLAN (2)
 Last Saved By: T Powell Apr 27, 2010 - 10:26am



CHANNELIZATION & SIGNAGE PLAN
AIRPORT BOULEVARD (STA 40+00 TO 48+00)



CHANNELIZATION & SIGNAGE PLAN
AIRPORT BOULEVARD (STA 48+00 TO END)



- 1 EXISTING "SPEED LIMIT 25" SIGN PER MUTCD & WSDOT DESIGN MANUAL
- 2 PROPOSED "SPEED LIMIT 25" SIGN PER MUTCD & WSDOT DESIGN MANUAL



- 3 PROPOSED "CENTER LANE" SIGN PER MUTCD & WSDOT DESIGN MANUAL STA 42+50, 26.5' RT.



- 4 PROPOSED "KEEP RIGHT" SIGN PER MUTCD & WSDOT DESIGN MANUAL



- 5 PROPOSED "BIKE ROUTE" SIGN PER MUTCD & WSDOT DESIGN MANUAL STA 44+00, 26.5' LT. & RT. STA 49+00, 26.5' LT. & RT.



- A PROPOSED "AHEAD" SIGN PER MUTCD & WSDOT DESIGN MANUAL



- B PROPOSED "ENDS" SIGN PER MUTCD & WSDOT DESIGN MANUAL



SIGN NOTE:
1.) SIGNS SHALL BE INSTALLED PER CITY OF ARLINGTON STANDARD PLAN R-120
2.) STREET SIGNS SHALL BE PER CITY OF ARLINGTON STANDARD PLAN R-110 AND SHALL BE DOUBLE SIDED.

CHANNELIZATION LEGEND
(STA 40+00 TO 54+57)

- 1 PAINTED WIDE LINE
- 2 THERMOPLASTIC STOP BAR STA 41+04 STA 42+40
- 3 THERMOPLASTIC CROSS LINE PER WSDOT STANDARD PLAN M-24.40.01
- 4 THERMOPLASTIC TRAFFIC ARROW PER WSDOT STANDARD PLAN M-24.41.01 STA 42+50, 0.0' RT
- 5 PAINTED TWO-WAY LEFT TURN LINE
- 6 THERMOPLASTIC BICYCLE LANE SYMBOL PER WSDOT STANDARD PLAN M-9.50-01 STA 41+00, 20.5' LT STA 43+00, 20.5' LT & RT
- 7 8" PAINTED WHITE LINE BEGIN @ STA 40+22.80 END @ STA 41+02.80
- 8 PAINTED DOUBLE CENTER LINE BEGIN @ STA: 39+02.80 END @ STA: 41+02.80 LEFT TURN LANE PER WSDOT STANDARD PLAN M-3.40-03
- 9 THERMOPLASTIC LEFT TURN ARROW STA 40+90, 0' RT STA 41+10, 0' RT

NOTE:
PAINTED AND THERMOPLASTIC LINES SHALL BE PER WSDOT STANDARD PLAN M-3.40-03

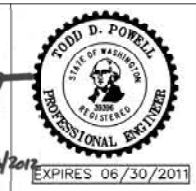
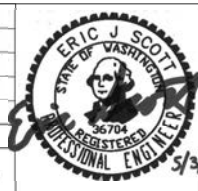
PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

DESIGNED BY: DEREK HANN, EIT
DRAWN BY: DEREK HANN, EIT



APPROVED FOR CONSTRUCTION

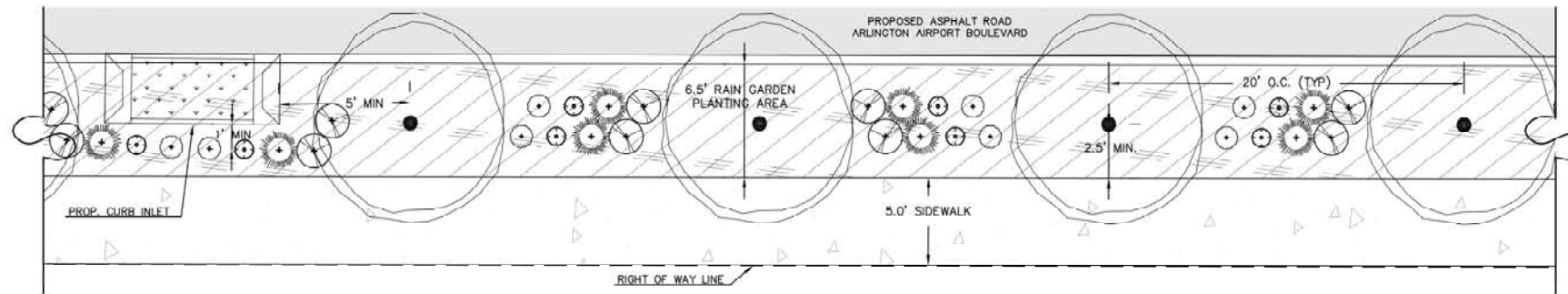
JoX Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:



CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
CHANNELIZATION AND SIGNAGE
AIRPORT BOULEVARD

REFERENCE SHEET NO. **C7.2**
SHEET 20 OF X SHEETS

Plotted: Jul 15, 2010 - 11:40am T:\Powell C:\Documents and Settings\tpowell\Desktop\TP2 Design\ARL\B\Plan\48\Channelization\Plan\3) Last Saved By: T\Powell Apr 27, 2010 - 10:25am



TYPICAL RAIN GARDEN PLAN SECTION

SCALE: 1" = 5'

RAIN GARDEN PLANT SCHEDULE

TREES BOTANICAL NAME COMMON NAME INSTALL SIZE MATURE SIZE SPACING QUANTITY

TREES	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	MATURE SIZE	SPACING	QUANTITY
	ACER RUBRUM	BOWHALL OR KARPICK	2" CAL.	35'	AS SHOWN	285

SHRUBS BOTANICAL NAME COMMON NAME INSTALL SIZE SPACING QUANTITY

SHRUBS	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING	QUANTITY
	MAHONIA aquifolium	OREGAN GRAPE	24" HT.	AS SHOWN	588
	ARCTOSTAPHYLOS UVA-URSI	KINKINNICK	4" POT	AS SHOWN	560
	MYRICA GALE	SWEET GALE	24" HT.	AS SHOWN	560
	SYMPHORICARPOS ALBA	SNOW BERRY	24" HT.	AS SHOWN	560

SHRUB PLANTING NOTE

THE LANDSCAPE CONTRACTOR SHALL DETERMINE FINAL LOCATION OF SHRUB PLANTING WITHIN THE GENERAL AREA SHOWN ON THE PLAN SECTION.

EMERGENTS BOTANICAL NAME COMMON NAME INSTALL SIZE SPACING QUANTITY

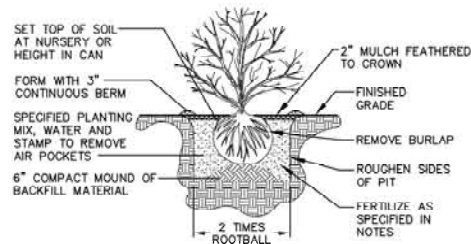
EMERGENTS	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING	QUANTITY
	SCIRPUS MICROCARPUS	SMALL FRUITED BULRUSH	BARE ROOT SEEDLING	18" TRIANGULAR SPACING	8,575 SF
	CAREX STIPATA	OWLFRUIT SEDGE	BARE ROOT SEEDLING	18" TRIANGULAR SPACING	8,575 SF
	JUNCUS TENUIS	PATH RUSH	BARE ROOT SEEDLING	18" TRIANGULAR SPACING	8,575 SF

RAIN GARDEN SEED MIX

REGREEN (STERILE WHEAT x HYBRID) 60 LBS./ACRE - USE MILBUR ELLIS FERTILIZER OR EQ 14-14-19 50% IBPU

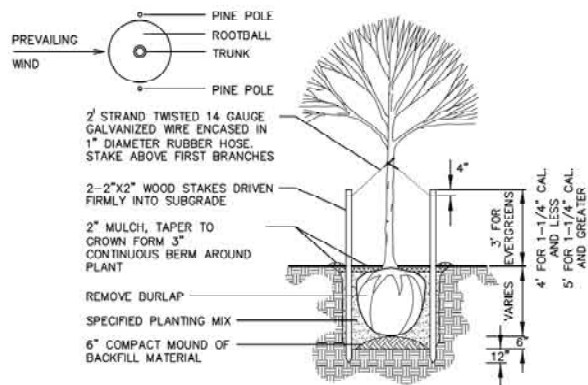
LANDSCAPING TOPSOIL NOTES

TOPSOIL TYPE B SHALL BE NATIVE TOPSOIL TAKEN FROM WITHIN THE PROJECT LIMITS EITHER FROM THE AREA WHERE ROADWAY EXCAVATION IS TO BE PERFORMED OR FROM STRIPPINGS FROM BORROW, PIT, OR QUARRY SITES, OR FROM OTHER DESIGNATED SOURCES. THE GENERAL LIMITS OF THE MATERIAL TO BE UTILIZED FOR TOPSOIL WILL BE INDICATED IN THE PLANS OR IN THE SPECIAL PROVISIONS. THE OWNERS GEOTECHNICAL REPRESENTATIVE WILL MAKE THE FINAL DETERMINATION OF THE AREAS WHERE THE MOST SUITABLE MATERIAL EXISTS WITHIN THESE GENERAL LIMITS. THE CONTRACTOR SHALL RESERVE THIS MATERIAL FOR THE SPECIFIED USE. MATERIAL FOR TOPSOIL TYPE B SHALL NOT BE TAKEN FROM A DEPTH GREATER THAN 1-FOOT FROM THE EXISTING GROUND UNLESS OTHERWISE DESIGNATED BY THE GEOTECHNICAL REPRESENTATIVE. IN THE PRODUCTION OF TOPSOIL TYPE B, ALL VEGETATIVE MATTER, LESS THAN 4- FEET IN HEIGHT, SHALL BECOME A PART OF THE TOPSOIL. PRIOR TO TOPSOIL REMOVAL, THE CONTRACTOR SHALL REDUCE THE NATIVE VEGETATION TO A HEIGHT NOT EXCEEDING 1-FOOT. NOXIOUS WEEDS, AS DESIGNATED BY AUTHORIZED STATE AND COUNTY OFFICIALS, SHALL NOT BE INCORPORATED IN THE TOPSOIL, AND SHALL BE REMOVED AND DISPOSED OF AS DESIGNATED ELSEWHERE OR AS APPROVED BY THE GEOTECHNICAL REPRESENTATIVE.



SHRUB PLANTING DETAIL

NOT TO SCALE

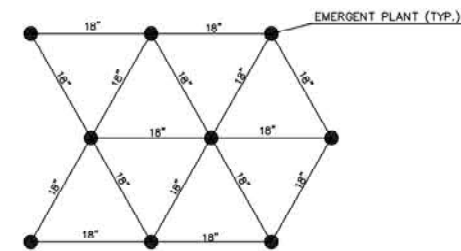


TREE PLANTING DETAIL

NOT TO SCALE

EMERGENT TRIANGULAR SPACING NOTE

THE EMERGENT SPECIES SHALL BE EQUALLY DISTRIBUTED WITHIN THE 18" SPACING GRID.



EMERGENT TRIANGULAR SPACING DETAIL

RAIN GARDEN PLANTING NOTES

- SEE LANDSCAPE PLANT SCHEDULE FOR PLANT QUANTITIES, SIZE, SPACING AND SPECIES.
- ON-SITE SOIL MIXING OR PLACEMENT NOT ALLOWED WHEN SOIL IS SATURATED, FROZEN, OR IN THE OPINION OF THE ENGINEER, IN A CONDITION DETRIMENTAL TO THE WORK.
- LANDSCAPE INSTALLER TO TEST SOIL MIXTURE FOR FERTILITY, MICRONUTRIENTS AND OPTIMUM CONDITIONS FOR PLANT ESTABLISHMENT.
- ALL PLANTINGS WITHIN THE RAIN GARDEN SHALL OCCUR AFTER THE AMENDED SOIL HAS BEEN EVENLY SATURATED THROUGHOUT THE ENTIRE AREA.
- AFTER PLANTING, IMMEDIATELY SATURATE ALL PLANTINGS TO ELIMINATE AIR POCKETS AND FACILITATE SETTLING OF BACKFILL MATERIAL.
- ALL PLANTS SHALL BE MARKED WITH BIODEGRADABLE SURVEY FLAGGING TO FACILITATE FUTURE MONITORING.
- ALL PLANTS INSTALLED ABOVE AND BEYOND THE HIGH WATER MARK LINE OF THE RAIN GARDEN SHALL BE PLANTED IN A PLANTING AREA CONTAINING NO TURF. PROVIDE 3" DEPTH OF DECOMPOSED ORGANIC MULCH FOR ALL PLANTING AREAS. MULCH AREAS SHALL REMAIN FREE OF WEEDS AND COMPETING PLANTS TO ENSURE OPTIMUM GROWTH.
- ALL TREES OVER 4' IN HEIGHT SHALL BE STAKED. SEE DETAIL THIS SHEET.
- ROOT MASSES OF CONTAINERIZED STOCK SHOULD BE "SCORED" WITH A SHARP OBJECT TO ENSURE THE PLANTS WILL NOT BECOME ROOT BOUND.
- EMERGENTS SHALL BE PLANTED IN SIMILAR GROUPS OF NO LESS THAN 10 PLANTS TRIANGULARLY SPACED. (SEE PLANT SCHEDULE)
- BARE ROOT EMERGENTS SHALL BE PLANTED BETWEEN APRIL AND MAY, AND NOT PLANTED IN STANDING WATER.
- BARE ROOT EMERGENTS SHALL POSSES AN EQUAL ROOT TO SHOOT RATIO.
- WATERING OF PLANTS SHALL BE DONE AS NEEDED FOR PLANT SURVIVAL FOR 2-3 YEARS AFTER PLANTING, UNLESS OTHERWISE NOTED ON PLANTING PLAN. SEE OPERATION AND MAINTENANCE MANUAL IN THE DRAINAGE REPORT.
- ALL NON-NATIVE/UNDESIRABLE PLANTS (BLACKBERRY, SCOTCH BROOM, REED CANARY GRASS, ETC.) THAT MAY INHIBIT THE GROWTH OF NEW PLANTINGS SHALL BE REMOVED FROM THE AREA WITHIN TEN FEET OF LIMITS OF WORK.
- SHRUB AND TREE PLANTING DATES: OCTOBER 1 THROUGH APRIL 15.
- ANNUAL MAINTENANCE OF RAIN GARDEN LANDSCAPE SHALL INCLUDE WEEDING, REMOVING DEAD PLANT MATERIAL, MONITORING FOR EROSION, PRUNING, AND REPLACING MULCH. SEE OPERATION AND MAINTENANCE MANUAL IN THE DRAINAGE REPORT.
- NO GROUNDCOVERS SHALL BE PLANTED UNDER SHRUBS AND/OR EVERGREEN TREES.
- ANY PLANT SUBSTITUTIONS SHALL BE APPROVED BY OWNER.
-
- SEE SPECIFICATIONS FOR SOIL MIX INSTRUCTIONS AND PREPARATION REQUIREMENTS. FOR SOIL AMENDMENTS AND PLANTING PREPARATION REFER TO WRITTEN SPECIFICATIONS BY AECOM.

COMPOST MIX FOR RAIN GARDEN NOTES

COMPOST PRODUCTS SHALL BE THE RESULT OF THE BIOLOGICAL DEGRADATION AND TRANSFORMATION OF PLANT-DERIVED MATERIALS UNDER CONTROLLED CONDITIONS DESIGNED TO PROMOTE AEROBIC DECOMPOSITION. COMPOST SHALL BE STABLE WITH REGARD TO OXYGEN CONSUMPTION AND CARBON DIOXIDE EMISSION. COMPOST SHALL BE MATURE WITH REGARD TO ITS SUITABILITY FOR SERVING AS A SOIL AMENDMENT OR AN EROSION CONTROL BMP AS DEFINED BELOW.

THE COMPOST SHALL HAVE A MOISTURE CONTENT THAT HAS NO VISIBLE FREE WATER OR DUST PRODUCED WHEN HANDLING THE MATERIAL.

COMPOST PRODUCTION AND QUALITY SHALL COMPLY WITH CHAPTER 173-350 WAC.

COMPOST PRODUCTS SHALL MEET THE FOLLOWING PHYSICAL CRITERIA:

- COMPOST MATERIAL SHALL BE TESTED IN ACCORDANCE WITH TESTING METHODS FOR THE EXAMINATION OF COMPOST AND COMPOSTING (TMECC) TEST METHOD 02.02-B (OR ASTM EQUIVALENT), "SAMPLE SIEVING FOR AGGREGATE SIZE CLASSIFICATION".

FINE COMPOST SHALL MEET THE FOLLOWING:

	MIN.	MAX.
PERCENT PASSING 2"	100%	100%
PERCENT PASSING 1"	99%	100%
PERCENT PASSING 5/8"	90%	100%
PERCENT PASSING 3/4"	75%	100%

MAXIMUM PARTICLE LENGTH OF 6 INCHES

COARSE COMPOST SHALL MEET THE FOLLOWING:

	MIN.	MAX.
PERCENT PASSING 3"	100%	100%
PERCENT PASSING 1"	90%	100%
PERCENT PASSING 3/4"	70%	100%
PERCENT PASSING 1/2"	40%	60%

MAXIMUM PARTICLE LENGTH OF 6 INCHES

- THE PH SHALL BE BETWEEN 6.0 AND 8.5 WHEN TESTED IN ACCORDANCE WITH TMECC 04.11-A (OR ASTM EQUIVALENT), 1:5 SLURRY PH.
- MANUFACTURED INERT MATERIAL (PLASTIC, CONCRETE, CERAMICS, METAL, ETC.) SHALL BE LESS THAN 1.0 PERCENT BY WEIGHT AS DETERMINED BY TMECC 03.08-A "PERCENT DRY WEIGHT BASIS".
- MINIMUM ORGANIC MATTER SHALL BE 40 PERCENT DRY WEIGHT BASIS AS DETERMINED BY TMECC 05.07A (OR ASTM EQUIVALENT), "LOSS-ON-IGNITION ORGANIC MATTER METHOD".
- SOLUBLE SALT CONTENTS SHALL BE LESS THAN 4.0MMHCL COM TESTED IN ACCORDANCE WITH TMECC 04.10-A (OR ASTM EQUIVALENT), 1:5 SLURRY METHOD, MASS BASIS.
- MATURITY SHALL BE GREATER THAN 80% IN ACCORDANCE WITH TMECC 05.05A (OR ASTM EQUIVALENT), "GERMINATION AND VIGOR".
- STABILITY SHALL BE 7 OR BELOW IN ACCORDANCE WITH TMECC 05.08-B (OR ASTM EQUIVALENT), "CARBON DIOXIDE EVOLUTION RATE".
- THE COMPOST PRODUCT MUST ORIGINATE A MINIMUM OF 65 PERCENT BY VOLUME FROM RECYCLED PLANT WASTE AS DEFINED IN WAC 173-350 AS "TYPE 1 FEEDSTOCKS." A MAXIMUM OF 35 PERCENT BY VOLUME OF OTHER APPROVED ORGANIC WASTE AND/OR BIOMASS MAY BE SUBSTITUTED FOR RECYCLED PLANT WASTE. THE SUPPLIER SHALL PROVIDE WRITTEN VERIFICATION OF FEEDSTOCK SOURCES.
- SAMPLES MAY BE TESTED USING THE SOLVITA COMPOST MATURITY TEST BY THE CONTRACTING AGENCY AT THE ENGINEER'S DISCRETION. FINE COMPOST SHALL SCORE A NUMBER 6 OR ABOVE ON THE SOLVITA COMPOST MATURITY TEST. COARSE COMPOST SHALL SCORE 5 OR ABOVE ON THE SOLVITA COMPOST MATURITY TEST.

THE COMPOST SUPPLIER WILL TEST ALL COMPOST PRODUCTS WITHIN 90 CALENDAR DAYS PRIOR TO INITIAL APPLICATION. SAMPLES WILL BE TAKEN USING THE SEAL OF TESTING ASSURANCE (STA) SAMPLE COLLECTION PROTOCOL. (THE SAMPLE COLLECTION PROTOCOL CAN BE OBTAINED FROM THE U.S. COMPOSTING COUNCIL, 4250 VETERANS MEMORIAL HIGHWAY, SUITE 275, HOLBROOK, NY 11741 PHONE: 631-737-4931. WWW.COMPOSTINGCOUNCIL.ORG). THE SAMPLE SHALL BE SENT TO AN INDEPENDENT STA PROGRAM APPROVED LAB. THE COMPOST SUPPLIER WILL PAY FOR THE TEST. A COPY OF THE APPROVED INDEPENDENT STA PROGRAM LABORATORY TEST REPORT SHALL BE SUBMITTED TO THE CONTRACTING AGENCY PRIOR TO INITIAL APPLICATION OF THE COMPOST. SEVEN DAYS PRIOR TO APPLICATION, THE CONTRACTOR SHALL SUBMIT A SAMPLE OF EACH TYPE OF COMPOST TO BE USED ON THE PROJECT TO THE ENGINEER.

COMPOST NOT CONFORMING TO THE ABOVE REQUIREMENTS OR TAKEN FROM A SOURCE OTHER THAN THOSE TESTED AND ACCEPTED SHALL BE IMMEDIATELY REMOVED FROM THE PROJECT AND REPLACED AT NO COST TO THE CONTRACTING AGENCY.

THE CONTRACTOR SHALL EITHER SELECT A COMPOST SUPPLIER FROM THE QUALIFIED PRODUCTS LIST, OR SUBMIT INFORMATION TO THE ENGINEER FOR APPROVAL:

- REQUEST FOR APPROVAL OF MATERIAL SOURCE.
- A COPY OF THE SOLID WASTE HANDLING PERMIT ISSUED TO THE MANUFACTURER BY THE JURISDICTIONAL HEALTH DEPARTMENT AS PER WAC 173-350 MINIMUM FUNCTIONAL STANDARDS FOR SOLID WASTE HANDLING).
- THE MANUFACTURER SHALL VERIFY IN WRITING, AND PROVIDE LAB ANALYSES THAT THE MATERIAL COMPLIES WITH THE PROCESSES, TESTING, AND STANDARDS SPECIFIED IN WAC 173-350 AND THESE SPECIFICATIONS. AN INDEPENDENT SEAL OF TESTING ASSURANCE (STA) PROGRAM CERTIFIED LABORATORY SHALL PERFORM THE ANALYSIS.
- A COPY OF THE MANUFACTURER'S SEAL OF TESTING ASSURANCE.

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
**RAIN GARDEN PLANTING
PLAN & DETAILS**

REFERENCE SHEET NO. **L1.1**
SHEET **21** OF **X** SHEETS

PLAN CHECK	BY	DATE	REVISION	BY

DESIGNED BY: DEREK HANN, EIT
DRAWN BY: DEREK HANN, EIT
DATE: 5/3/2012
EXPIRES: 06/30/2013

APPROVED FOR CONSTRUCTION
JoX Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
MAY 3, 2012
DATE APPROVED:



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LANDSCAPE PLANTING NOTES

1. SEE LANDSCAPE PLANT SCHEDULE FOR PLANT QUANTITIES, SIZE, SPACING AND SPECIES.
2. ON-SITE SOIL MIXING OR PLACEMENT NOT ALLOWED WHEN SOIL IS SATURATED, FROZEN, OR IN THE OPINION OF THE ENGINEER, IN A CONDITION DETRIMENTAL TO THE WORK.
3. EXISTING SOILS TO BE AUGMENTED WITH A TWO-INCH LAYER OF FULLY COMPOSTED ORGANIC MATERIAL ROTOTILLED A MINIMUM OF SIX INCHES DEEP.
5. AFTER PLANTING, IMMEDIATELY SATURATE ALL PLANTING PITS TO ELIMINATE AIR POCKETS AND FACILITATE SETTLING OF BACKFILL MATERIAL.
7. PLANTING PITS SHALL RECEIVE AN APPLICATION OF 4-2-2 TRANSPLANT FERTILIZER.
8. PROVIDE 3" DEPTH OF MEDIUM RED BEAUTY BARK FOR ALL PLANTING BEDS. BARK AREAS SHALL REMAIN FREE OF WEEDS AND COMPETING PLANTS TO ENSURE OPTIMUM GROWTH.
9. ALL TREES OVER 4' IN HEIGHT SHALL BE STAKED. SEE DETAIL THIS SHEET.
10. SPECIFIC LOCATIONS FOR TREES SHALL BE ESTABLISHED BY THE LANDSCAPE CONTRACTOR IN THE FIELD.
11. DO NOT LOCATE TREES WITHIN 30 FEET OF ANY ROAD INTERSECTION.
12. ROOT MASSES OF CONTAINERIZED STOCK SHOULD BE "SCORED" WITH A SHARP OBJECT TO INSURE THE PLANTS WILL NOT BECOME ROOT BOUND.
13. LANDSCAPE PLANTS SHALL BE INSTALLED AFTER SITE WORK IS DONE, INCLUDING ROADS UTILITIES, DRIVEWAYS, ETC.
15. ALL NON-NATIVE/UNDESIRABLE PLANTS (BLACKBERRY, SCOTCH BROOM, REED CANARY GRASS, ETC.) THAT MAY INHIBIT THE GROWTH OF NEW PLANTINGS SHALL BE REMOVED FROM THE AREA.
16. GRASS MIX SHALL BE SPECIFIED FOR LOCAL CONDITIONS.
17. PLANTING DATES: OCTOBER 1 THROUGH APRIL 15.
18. ANY PLANT SUBSTITUTIONS SHALL BE APPROVED BY OWNER.
19. IRRIGATION TO BE DESIGN BUILD BY CONTRACTOR.
20. INSTALL MANUFACTURED POLY ROOT BARRIERS TO ENCIRCLE TREE COMPLETELY.
21. KEEP ALL SHRUB BEDS CLEAR OF GROUND COVER. MAINTAIN A MINIMUM OF 36 INCHES BETWEEN SHRUB BEDS AND GROUNDCOVER PLANTINGS.
22. ALL SHRUB PLANTING BEDS SHALL BE COVERED WITH TWO INCHES OF MULCH AFTER PLANTING.

LANDSCAPING SETBACK FROM INTERSECTIONS

NO TREES OR SHRUBS SHALL BE PLANTED WITHIN 30' OF A PUBLIC ROAD INTERSECTION.

LANDSCAPE PLANT SCHEDULE - PHASE 1A

TREES	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	MATURE SIZE	SPACING	QUANTITY
	PYRUS CALLERYANA 'capital'	CAPITAL PEAR	2" CAL.	30'	AS SHOWN	39
	ACER RUBRUM	RED SUNSET, OR OCTOBER GLORY, OR AUTUMN FLAME	2" CAL.	35'	AS SHOWN	24

TREE PLANTING NOTE

STREET TREES SHALL BE PLANTED IN GROUPS OF FIVE OF THE SAME SPECIES, ALTERNATING BETWEEN SPECIES EVERY FIVE TREES.

SHRUBS	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING	QUANTITY
	CORNUS SERICEA 'KELSEY'	DWARF REDTWIG DOGWOOD	24" HT.	AS SHOWN	30
	GAULTHERIA SHALLON	SALAL	24" HT.	AS SHOWN	60
	PHILADELPHUS LEWISII	MOCK ORANGE	24" HT.	AS SHOWN	60
	MAGNOLIA STELLATA	STAR MAGNOLIA	24" HT.	AS SHOWN	12
	VBURNUM RHYTHOPHYLLUM	LEATHERLEAF VBURNUM	24" HT.	AS SHOWN	60
	ERICA CARNEA	HEATHER SPECIES	4" POTS	12" OC	392

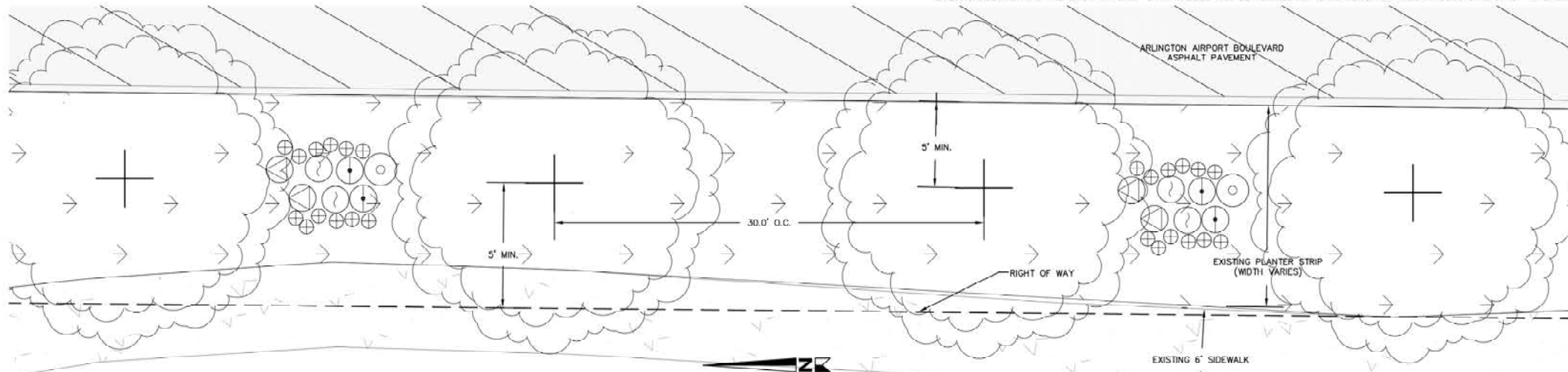
SHRUB PLANTING NOTE

THE LANDSCAPE CONTRACTOR SHALL DETERMINE FINAL LOCATION OF SHRUB PLANTING WITHIN THE GENERAL AREA SHOWN ON THE PLAN SECTION.

GROUND COVERS	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING	QUANTITY
	ARCTOSTAPHYLOS UVA-URSI	KINKKINNICK	4" POTS	12" O.C.	9,286 SF
	EUONYMUS FORTUNEI RADICANS	COMMON WINTER CREEPER	4" POTS	12" O.C.	6,931 SF
	GAULTHERIA SHALLON	SALAL	4" POTS	12" O.C.	6,931 SF

EMERGENT PLANTING NOTE

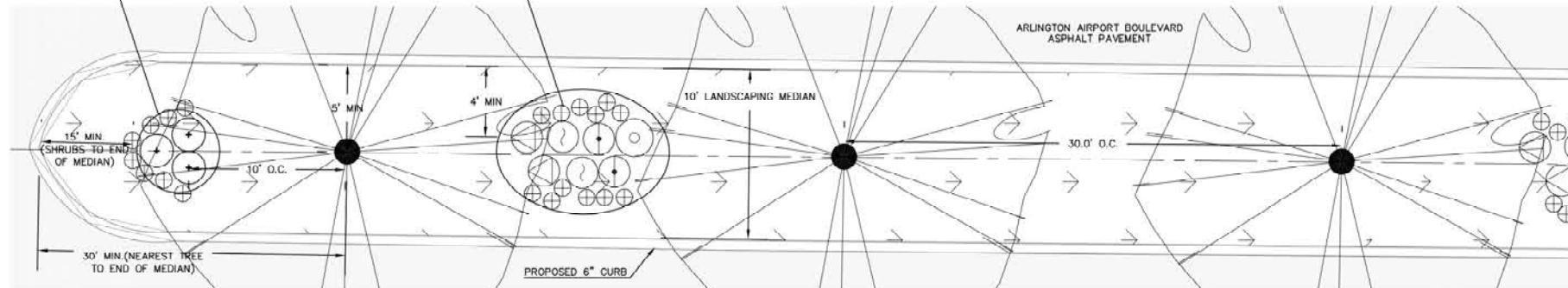
-THE LANDSCAPE MEDIAN SHALL BE PLANTED EXCLUSIVELY WITH KINKKINNICK
 -THE LANDSCAPE CONTRACTOR SHALL IDENTIFY SPECIFIC LOCATIONS FOR GROUND COVERS WITHIN THE LANDSCAPE PLANTING SECTION BETWEEN THE EXISTING SIDEWALK AND THE EXISTING ROAD. EACH SPECIES WILL BE PLANTED AT 12" SPACING FOR A CONTINUOUS STRETCH OF 40 LINEAR FEET.



TYPICAL LANDSCAPING PLAN SECTION BETWEEN EX. SIDEWALK AND EX. ROAD ON 51ST AVE. N.T.S.

ALL ENDS OF LANDSCAPE MERIDIAN SHALL BE PLANTED WITH SHRUBS PER PLAN

SHRUB PLANTINGS BETWEEN TREES SHALL BE ALTERNATED TO BE PLANTED IN EVERY OTHER TREE SPACING



TYPICAL LANDSCAPE MEDIAN PLAN SECTION N.T.S.

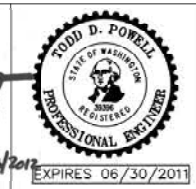
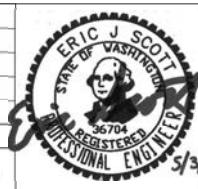
PROJECT #: P02.342
 FA #: SPTUS 2693 (003)

JOB NO. 2105-08

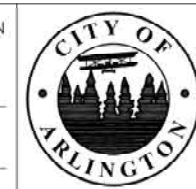
CITY OF ARLINGTON
 AIRPORT BOULEVARD ROAD IMPROVEMENTS
**LANDSCAPING PLANTING
 PLANS & DETAILS**

REFERENCE SHEET NO.
L1.2
 SHEET 22 OF X SHEETS

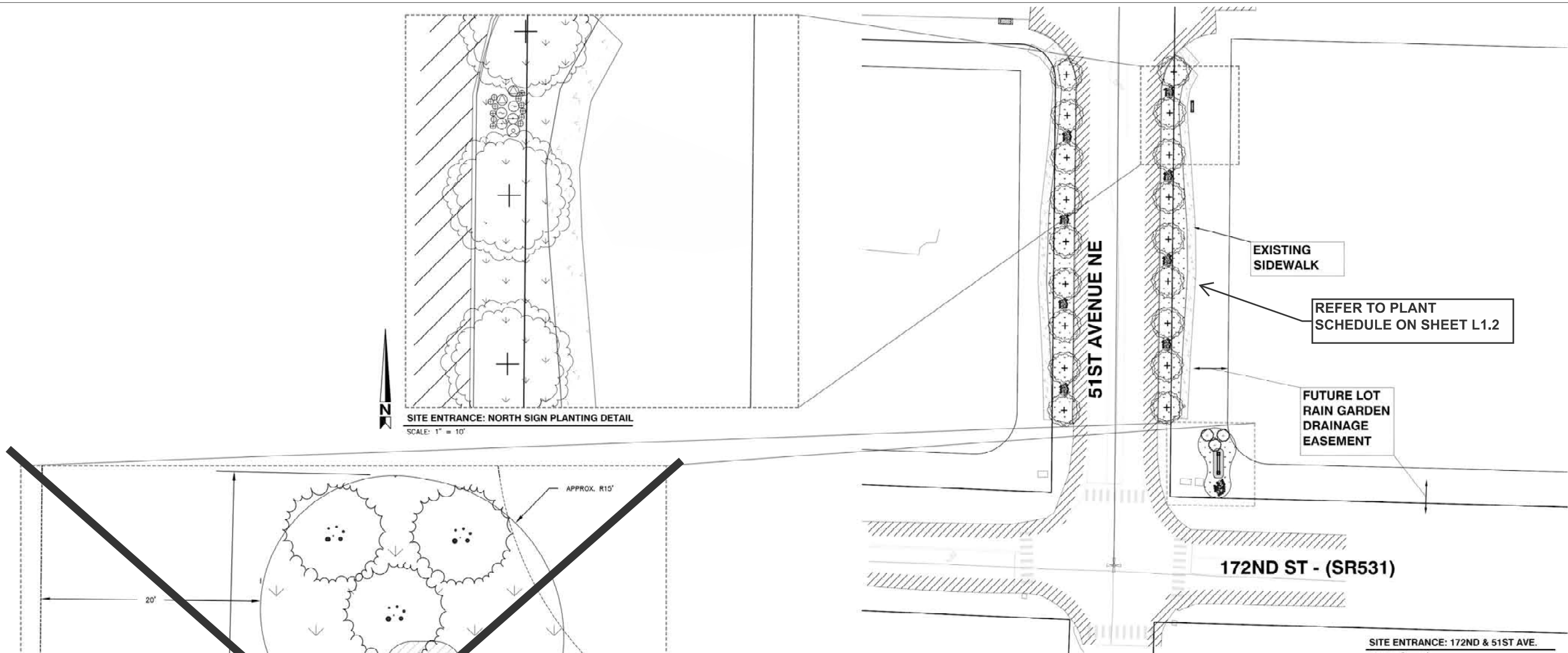
PLAN CHECK	BY	DATE	DATE	NO.	REVISION	BY
DESIGNED BY:	DEREK HANN, EIT	TODD POWELL, PE	DRAWN BY:	DEREK HANN, EIT	TODD POWELL, PE	



APPROVED FOR CONSTRUCTION
JoX Kelly
 JAMES KELLY, PE
 PUBLIC WORKS DIRECTOR
 May 3, 2012
 DATE APPROVED:

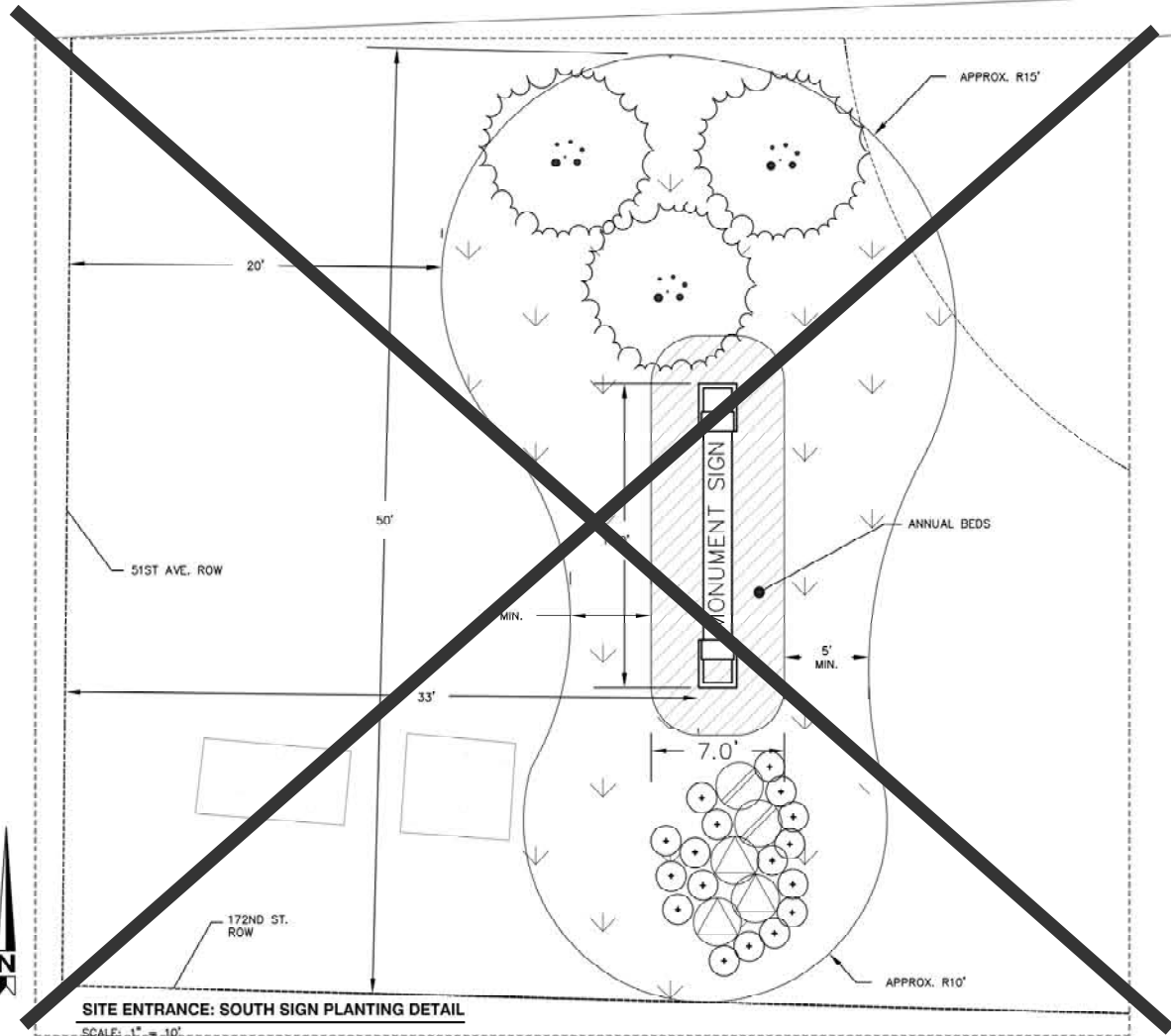


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 Last Saved By: TPowell Apr 27, 2010 - 9:14am



SITE ENTRANCE: NORTH SIGN PLANTING DETAIL
SCALE: 1" = 10'

SITE ENTRANCE: 172ND & 51ST AVE.
SCALE: 1" = 40'



SITE ENTRANCE: SOUTH SIGN PLANTING DETAIL
SCALE: 1" = 10'

NOTE:
 -ANNUAL BEDS TO BE PLANTED AT DISCRETION OF THE CITY OF ARLINGTON
 -FINAL SIGN PLANTING AREA DIMENSIONS TO BE DETERMINED AT CONTRACTORS DISCRETION
 -THE PROPOSED SIGNS SHALL BE RAISED HIGH ENOUGH ON THE PROPOSED LANDSCAPE MOUND TO ENSURE THE SIGNS ARE VISIBLE OVER PROPOSED LANDSCAPING.
 -LANDSCAPING FOR THE SIGN MUST BE IRRIGATED.

LANDSCAPE PLANT SCHEDULE - PHASE 1

TREES	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	MATURE SIZE	SPACING	QUANTITY
	BETULA NIGRA	RIVER BIRCH	1 1/2" CAL.	30'	AS SHOWN	3
SHRUBS	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING	QUANTITY	
	HAMAMELIS MOLLIS	WITCH HAZEL	24" HT.	AS SHOWN	3	
	ERICA CARNEA SP.	MIXED HEATHER	24" HT.	AS SHOWN	17	
	STAR MAGNOLIA	MAGNOLIA STELLATA	24" HT.	AS SHOWN	2	
GROUND COVERS	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING	QUANTITY	
	ARCTOSTAPHYLOS UVA-URSI	KINNICKINICK	4" POTS	12" O.C.	585 SF	
		HYDROSEED LAWN				

- GENERAL LANDSCAPE PLANTING NOTES**
- SEE LANDSCAPE PLANT SCHEDULE FOR PLANT QUANTITIES, SIZE, SPACING AND SPECIES.
 - ALL STREET TREES SHALL BE PLANTED IN MANUFACTURED POLY ROOT BARRIERS OR SIMILAR IMPERMEABLE DURABLE MATERIAL AND MUST EXTEND 24-INCHES BELOW GRADE.
 - PLANTING PITS SHALL RECEIVE AN APPLICATION OF 4-2-2 TRANSPLANT FERTILIZER.
 - AFTER PLANTING, IMMEDIATELY SATURATE ALL PLANTING PITS TO ELIMINATE AIR POCKETS AND FACILITATE SETTLING OF BACKFILL MATERIAL.
 - PROVIDE 3" DEPTH OF MEDIUM RED BEAUTY BARK FOR ALL PLANTING BEDS. BARK MULCH AREAS SHALL REMAIN FREE OF WEEDS AND COMPETING PLANTS TO ENSURE OPTIMUM GROWTH.
 - STREETSCAPE PLANTER SHALL INCORPORATE A MINIMUM 3-INCH LAYER OF TOPSOIL AND SOG.
 - ALL TREES OVER 4' IN HEIGHT SHALL BE STAKED.
 - LANDSCAPE PLANTING SHALL BE INSTALLED AFTER SITE WORK IS DONE, INCLUDING ROADS UTILITIES, DRIVEWAYS, ETC.
 - ALL NON-NATIVE/UNDESIRABLE PLANTS (BLACKBERRY, SCOTCH BROOM, REED CANARY GRASS, ETC.) THAT MAY INHIBIT THE GROWTH OF NEW PLANTINGS SHALL BE REMOVED FROM THE AREA.
 - PLANTING DATES: OCTOBER 1 THROUGH APRIL 15.
 - HYDROSEED ALL DISTURBED AREAS
 - LANDSCAPE PLANS AND SPECIFICATIONS TO COMPLY WITH ARLINGTON AIRPORT BUSINESS PARK DEVELOPMENT STANDARDS, SEPTEMBER 19, 2006.
 - SIGN INSTALLATION DETAILS PER MANUFACTURER
 - IRRIGATION SHALL BE DESIGN BUILD BY CONTRACTOR

PROJECT #: P02.342
FA #: SPTUS 2693 (003)

JOB NO. 2105-08

CITY OF ARLINGTON
AIRPORT BOULEVARD ROAD IMPROVEMENTS
**LANDSCAPING PLANTING
PLANS & DETAILS**

REFERENCE SHEET NO. **L1.3**
SHEET **23** OF **X** SHEETS

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PLAN CHECK	BY	DATE

DATE	NO.	REVISION	BY

DESIGNED BY: DEREK HANN, EIT TODD POWELL, PE
DRAWN BY: DEREK HANN, EIT TODD POWELL, PE

ERIC J. SCOTT
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
NO. 36704
5/3/2012 EXPIRES 06/30/2017

TODD D. POWELL
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
NO. 36704
EXPIRES 06/30/2017

APPROVED FOR CONSTRUCTION

JoX Kelly
JAMES KELLY, PE
PUBLIC WORKS DIRECTOR
May 3, 2012
DATE APPROVED:

