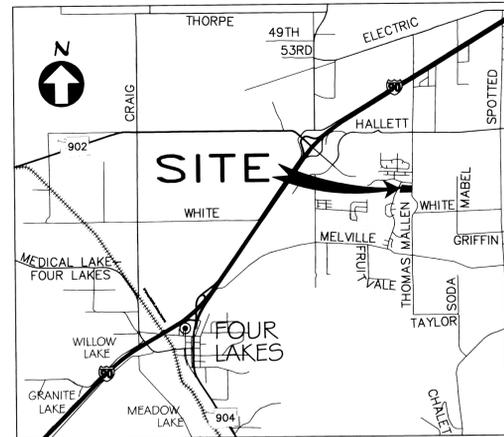


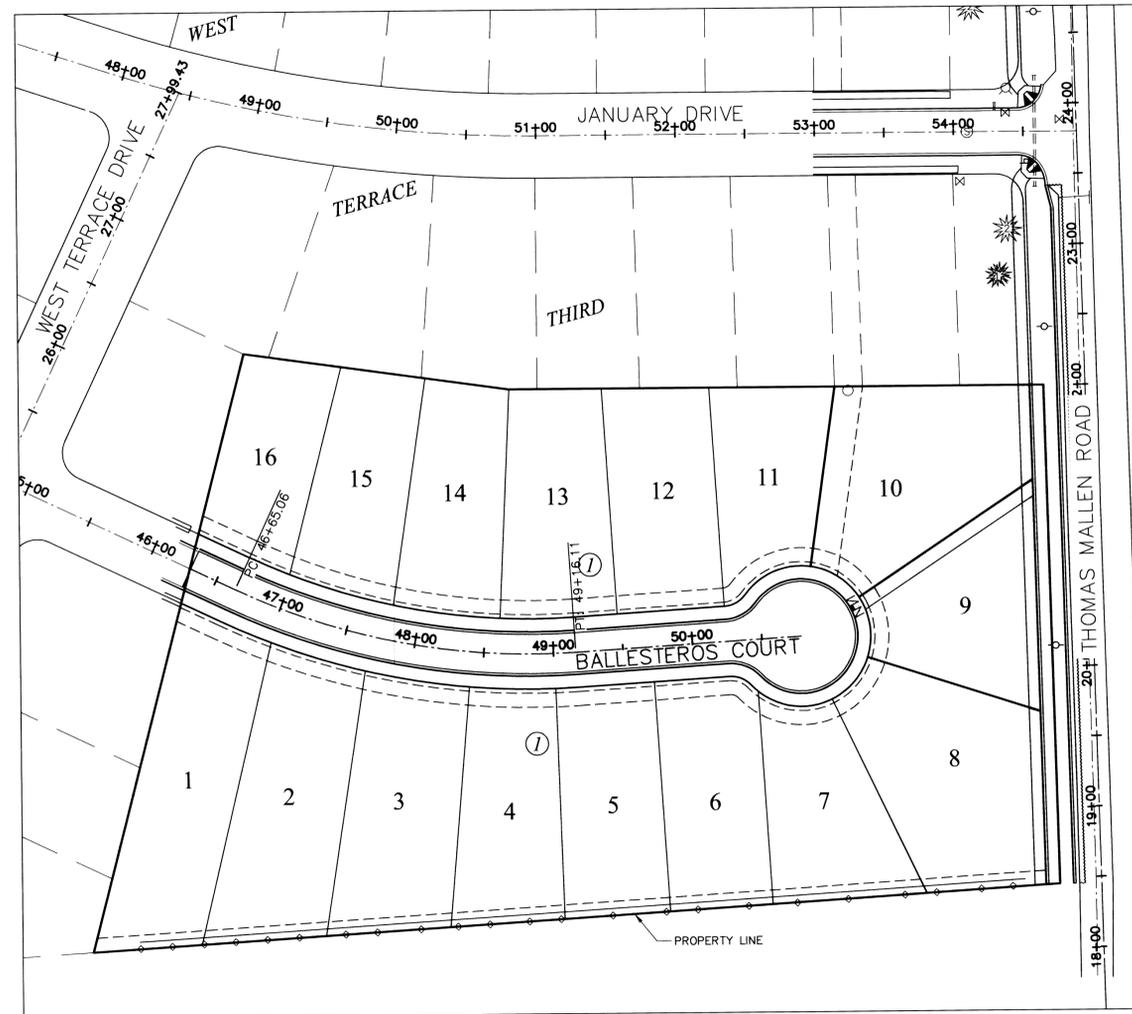
CONSTRUCTION PLANS FOR WEST TERRACE FOURTH ADDITION

SE 1/4 OF SECTION 7, TOWNSHIP 24 NORTH, RANGE 42 EAST, W. M.,
SPOKANE COUNTY, WASHINGTON

JUNE 2012



VICINITY MAP
NOT TO SCALE



SITE MAP
SCALE: 1"=60'

DRAWING INDEX	
COVER SHEET	1
BALLESTEROS COURT PLAN AND PROFILE	2
STORM DRAINAGE PLAN AND PROFILE	3
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ABBREVIATIONS	
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
ACP	ASPHALT CONCRETE PAVEMENT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION
CB	CATCH BASIN
CF	CUBIC FEET
CO	CLEANOUT
CSTC	CRUSHED SURFACE TOP COURSE
CY	CUBIC YARDS
DI	DUCTILE IRON
DIA.	DIAMETER
EBX	ELECTRICAL METER BOX
EL OR ELEV	ELEVATION
EOP	EDGE-OF-PAVEMENT
EX	EXISTING
EG	EXISTING GRADE
FF	FINISHED FLOOR (ELEVATION)
FG	FINISHED GRADE
FL	FLOW LINE (ELEVATION)
FT	FEET
GV	GAS VALVE
IE	INVERT ELEVATION
IV	IRRIGATION VALVE
LF	LINEAR FEET
MDD	MAXIMUM DRY DENSITY (ASTM) D1557
MH	MANHOLE
MIN.	MINIMUM
NTS	NOT TO SCALE
OWS	OIL WATER SEPARATOR
PCC	PORTLAND CEMENT CONCRETE
PVC	POLYVINYL CHLORIDE
PT	POINT
R/W	RIGHT-OF-WAY
RD.	ROAD
SD	STORM DRAIN
SF	SQUARE FOOT / SQUARE FEET
SPEC	SPECIFICATIONS
TBC	TOP BACK OF CURB
TOC	TOP-OF-CONCRETE
TOP	TOP-OF-PAVING
TR	TELECO RISER
TYP.	TYPICAL
WAC	WASHINGTON ADMINISTRATIVE CODE
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

LEGEND	
EXISTING	PROPOSED
ASPHALT	NEW ASPHALT
CONCRETE	CONCRETE
CATCH BASIN	CURB
CLEAN OUT	CURB INLET
DRYWELL	DRYWELL
ELECTRIC BOX	FIRE HYDRANT
FIRE HYDRANT	GUARD POST
GAS MAIN	SANITARY SEWER FORCE MAIN
GAS METER	SANITARY SEWER GRAVITY MAIN
GAS VALVE	SANITARY SEWER SERVICE LATERAL
GUARD POST	SANITARY SEWER MANHOLE
IRRIGATION VALVE	SAWCUT
SANITARY SEWER MANHOLE	STORMWATER FLOW DIRECTION
TELEPHONE MANHOLE	SWALE
TELEPHONE RISER	THRUST BLOCK
UTILITY MANHOLE	WATER MAIN
UTILITY POLE	WATER VALVE
OVERHEAD UTILITY	WATER METER
WATER VALVE	WATER SERVICE

NOTE:
ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH 2010 STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION AS PROMULGATED JOINTLY BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION (WSDOT), THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) AND SPOKANE COUNTY.

THE DESIGN IMPROVEMENTS SHOWN IN THIS SET OF PLANS AND CALCULATIONS CONFORM TO THE APPLICABLE EDITIONS OF THE SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION AND THE SPOKANE COUNTY GUIDELINES FOR STORM WATER MANAGEMENT. THE SPOKANE COUNTY ENGINEER HAS APPROVED ALL DESIGN DEVIATIONS. I APPROVE THESE PLANS FOR CONSTRUCTION.

Kandy L. Lockhart
RANDY LOCKHART, P.E. - PROJECT ENGINEER DATE 28 May 12

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-2024
DATE ACCEPTED: 04-17-12
ACCEPTANCE EXPIRES: 04-17-14
PROJECT LANE MILES PRIVATE: 1.4
CONSTRUCTION DOCUMENTATION AND CERTIFIED
RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



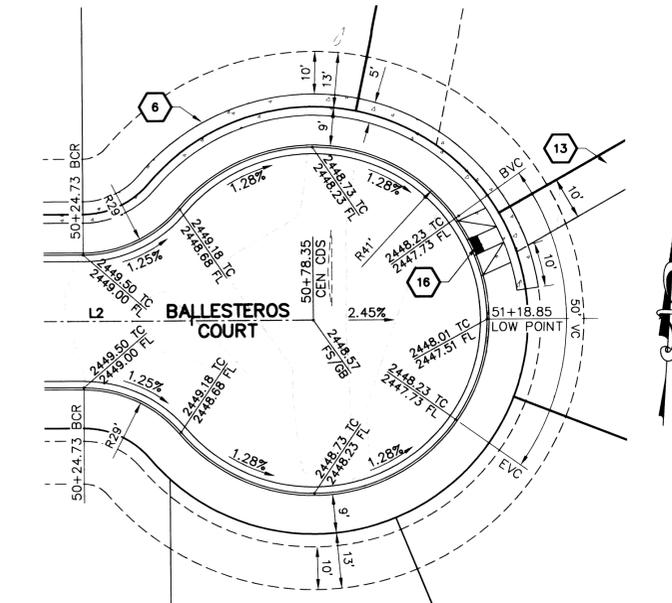
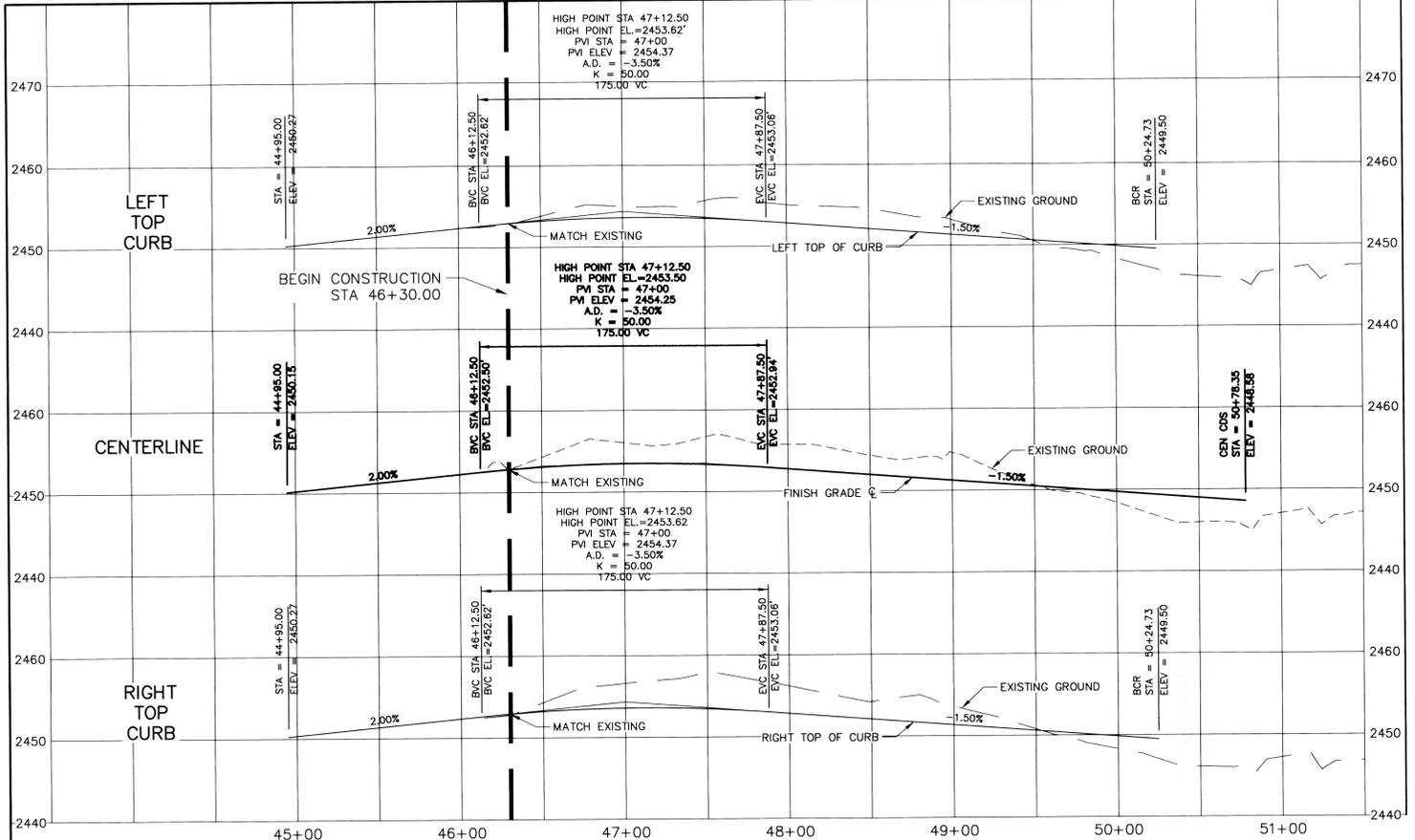
SHEET 1 OF 8

AC
Adams & Clark, Inc.
1720 W. Fourth Ave.
Spokane, WA 99201-5302
(509) 747-4600 F: (509) 747-8913
www.adamsandclark.com
Project No. 2010-01-091

CALL BEFORE YOU DIG: 1-800-424-5555

P-2024-11 "ENG & Road Drainage"
P0029-C01-1

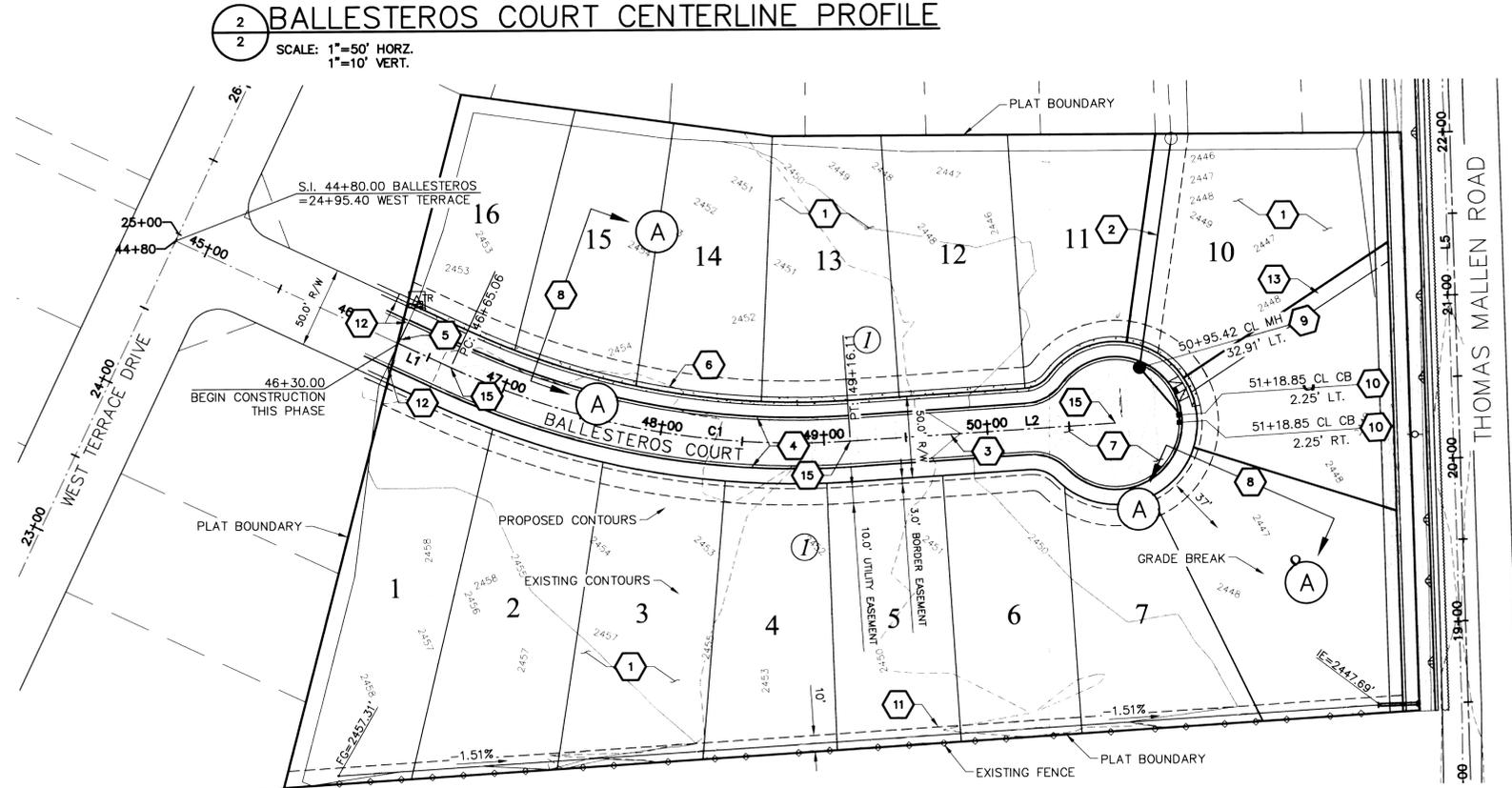
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CONSTRUCTION KEYED NOTES	
ITEM NO.	DESCRIPTION
1	CLEAR AND GRUB PROJECT AREA. SEED PROJECT AREA PER ESC PLAN AFTER CONSTRUCTION.
2	SEE SHEET 3 FOR STORM DRAIN STRUCTURES, PIPING, AND DETAILS.
3	CONSTRUCT BALLESTEROS COURT PER DETAIL 2, THIS SHEET AND DETAIL 5, SHEET 3.
4	TYPE "B" CONCRETE CURB AND GUTTER. SEE SPOKANE COUNTY STANDARD PLAN A-3.
5	MATCH EXISTING GRADE, SAWCUT EXISTING ASPHALT FOR CLEAN TRANSITION TO NEW ASPHALT.
6	5.0' WIDE 4" THICK CONCRETE SIDEWALK PER SPOKANE COUNTY STANDARD PLAN A-4.
7	SEE DETAIL 3 THIS SHEET FOR CUL-D-SAC GRADING.
8	GRADE PER DETAIL 4, SHEET 3.
9	STORM DRAIN MANHOLE. SEE SHEET 3.
10	CATCH BASIN. SEE SHEET 3.
11	DRAINAGE DITCH. SEE DETAIL 6, SHEET 3.
12	CONNECT TO EXISTING SIDEWALK AND CURB.
13	10' SHARED USE PATHWAY PER SPOKANE COUNTY STANDARD DETAIL A-9. SEE DETAIL 8, SHEET 3.
14	SEE SHEET 4 FOR THOMAS MALLEN ROAD IMPROVEMENTS.
15	SET 1/2" REBAR MONUMENT AT THE PC, PT, AND CENTER OF THE PROPOSED CUL-DE-SAC.
16	CURB RAMP. SEE DETAIL 9, SHEET 3.

CURVE TABLE			
CURVE #	LENGTH	RADIUS	ANGLE
C1	251.05	500.00	28°46'05"

LINE TABLE			
LINE #	LENGTH	DIRECTION	
L1	35.77	N64° 48' 36"W	
L2	162.24	N86° 25' 19"E	

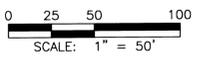


STANDARD NOTES FOR ROAD AND DRAINAGE PLANS

- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" AUGUST 2003.
- PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 1-800-424-5555 BEFORE YOU DIG.
- LOCATIONS OF EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.
- THE CONTRACTOR IS REQUIRED TO HAVE A COMPLETE SET OF THE ACCEPTED ROAD AND DRAINAGE PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS.
- IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER.
- THE CONTRACTOR SHOULD TAKE PRECAUTIONS TO PROTECT THE INFILTRATION CAPACITY OF STORM WATER FACILITIES (E.G. LINE THE FACILITY WITH FILTER FABRIC, OVER-EXCAVATE UPON COMPLETION OF THE INFRASTRUCTURE, ETC.)
- DURING CONSTRUCTION THE CONTRACTOR/DEVELOPER SHALL BE RESPONSIBLE FOR PROVIDING CONTINUOUS DUST CONTROL THROUGH THE USE OF WATER TRUCKS, SPRINKLING OR OTHER APPROVED METHODS.
- THE CONTRACTOR SHALL OVEREXCAVATE BELOW PLANNED DRYWELL BOTTOMS TO REMOVE ANY LOW PERMEABILITY LAYERS ENCOUNTERED. OVEREXCAVATION SHALL BE BACKFILLED WITH DRAIN ROCK.
- OWNER SHALL IRRIGATE GRASS AREAS USED FOR STORMWATER TREATMENT AS NECESSARY TO ESTABLISH AND MAINTAIN VEGETATION.

EARTHWORK QUANTITIES	
CUT	6,125 CY
FILL	9,010 CY
NET	2,885 CY

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-2029
 DATE ACCEPTED: 08-17-12
 ACCEPTANCE EXPIRES: 08-17-14
 PROJECT LANE MILES PUBLIC: 1.9
 PROJECT LANE MILES PRIVATE: 0
 CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
 PERMIT REQUIRED! (509) 477-3900
 NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



BY	REVISIONS	DATE	PROJ.	FROM	AS BUILT	TO	ACCEPT

BENCH MARK DATUM	SCALE	DATE	STAFF
BM: U.S.C. & G.S. BM W354	HORIZONTAL 50'	6/12	DRAWN BDM/DLH
ELEVATION: 2412.34'	VERTICAL 10'	6/12	CHECKED RLL
LOCATION: S. HAYFORD RD. & GEIGER BLVD.			APPROVED

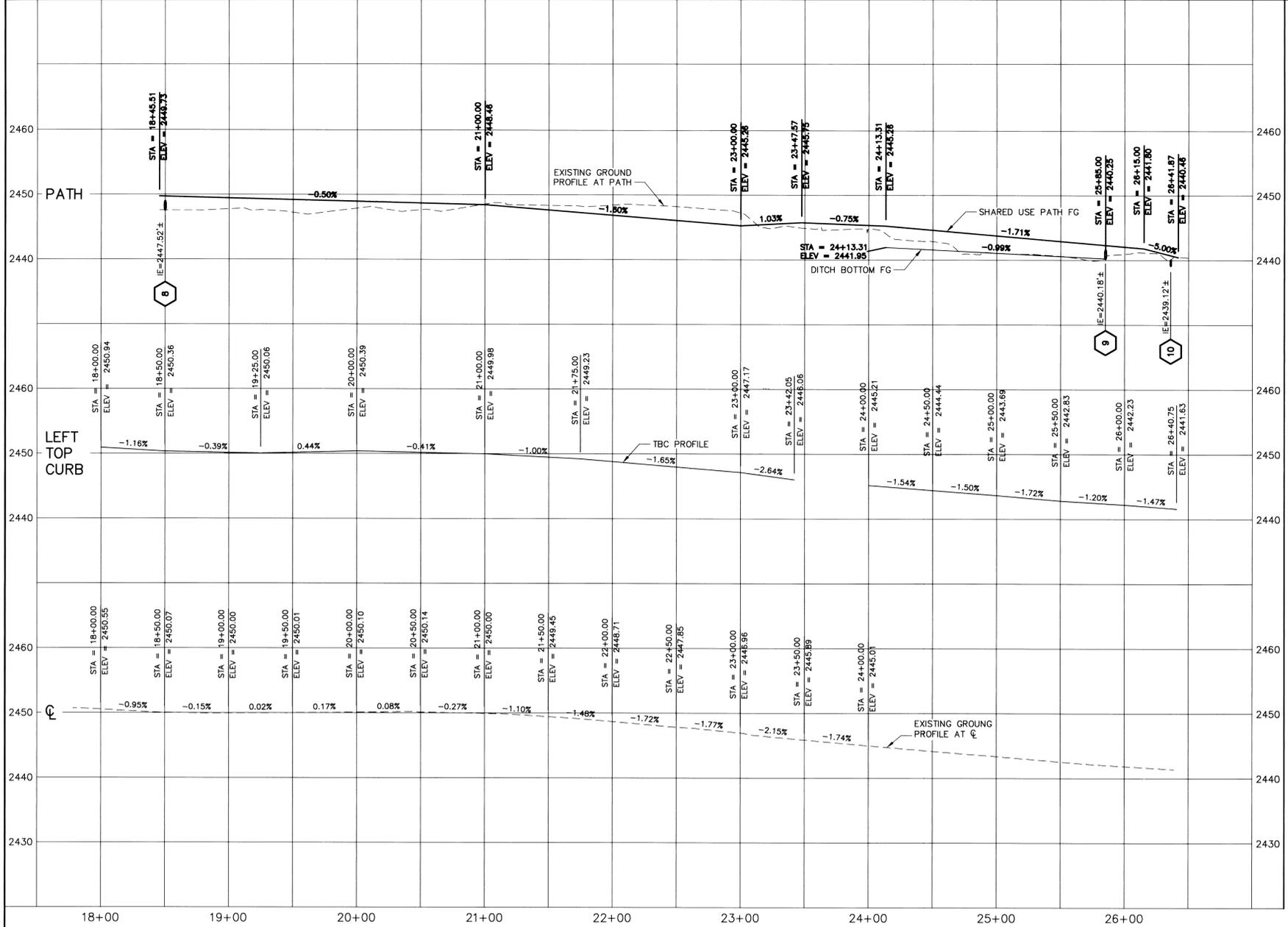


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 Spokane, WA 99201
 (509) 747-4800 F(509) 747-8913

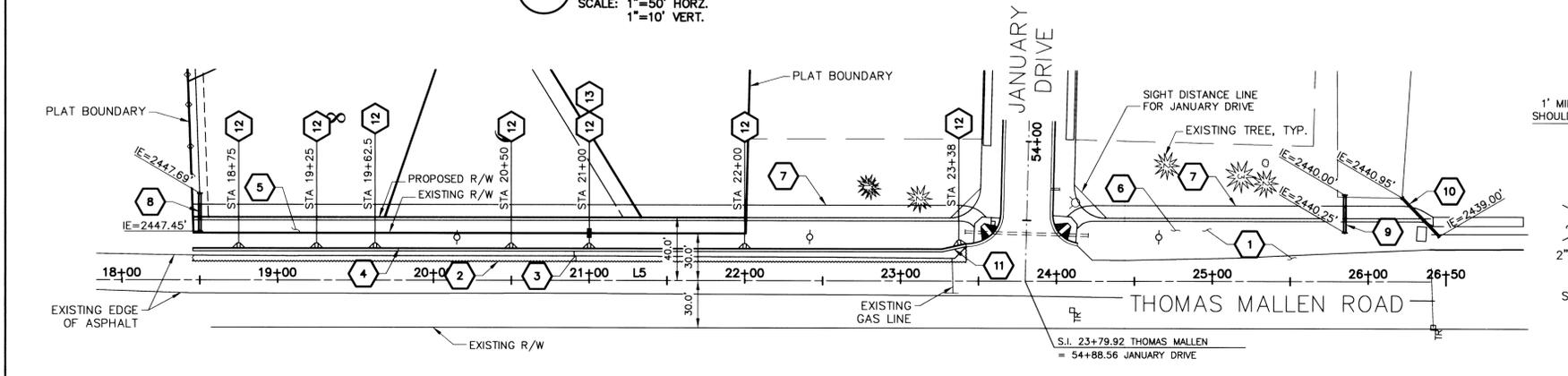
BALLESTEROS COURT
 STA 46+30 TO 51+18.85
 PLAN AND PROFILE
 WEST TERRACE FOURTH ADDITION

TYPE OF IMPROVEMENT: STREET	
PROJECT NUMBER	PLAN NUMBER
2010-01-091	

P-2029-11 ENG & Road Drainage
 LP2029-PP-2



2 THOMAS MALLEN PROFILES
 SCALE: 1" = 50' HORZ.
 1" = 10' VERT.



1 THOMAS MALLEN ROAD PLAN
 SCALE: 1" = 50'

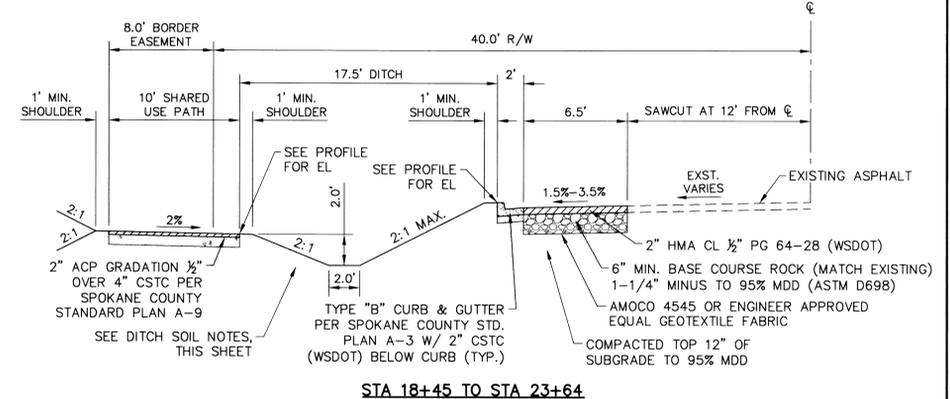
LINE TABLE

LINE #	LENGTH	DIRECTION
L5	-	N1° 26' 27" W

CONSTRUCTION KEYED NOTES

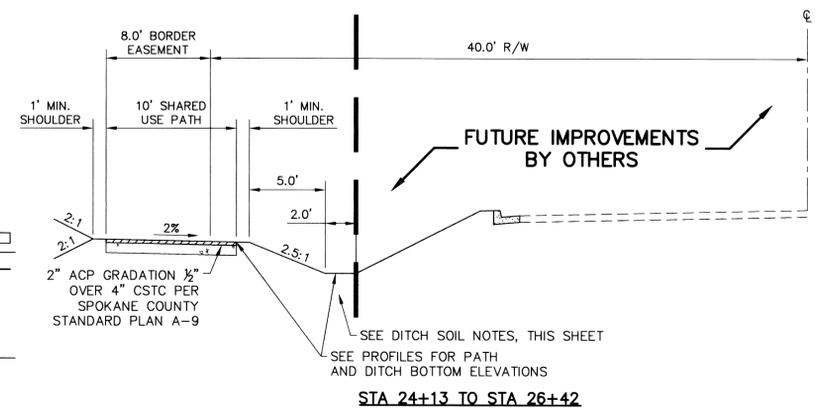
ITEM NO.	DESCRIPTION
1	CLEAR AND GRUB PROJECT AREA. SEED PROJECT AREA PER ESC PLAN AFTER CONSTRUCTION.
2	SAWCUT EXISTING ASPHALT 12' FROM CL
3	CONSTRUCT THOMAS MALLEN IMPROVEMENTS PER DETAILS 2 AND 3, THIS SHEET
4	TYPE "B" CONCRETE CURB AND GUTTER. SEE SPOKANE COUNTY STANDARD PLAN A-3.
5	CONSTRUCT DITCH FROM STA 18+45 TO STA 23+64 2.0' LOWER THAN SHARED USE PATH PER DETAILS 2 AND 3, THIS SHEET.
6	CONSTRUCT DITCH FROM STA 24+13 TO STA 25+85 PER DETAILS 2 AND 4, THIS SHEET.
7	CONSTRUCT 10' SHARED USE PATH PER DETAILS 2, 3, AND 4, THIS SHEET.
8	INSTALL 24' LONG 18" CMP OR ENGINEER APPROVED EQUAL UNDER PATH AT STA 18+50 PER DETAIL 3, SHEET 3.
9	INSTALL 24' LONG 18" CMP OR ENGINEER APPROVED EQUAL UNDER PATH AT STA 25+85 PER DETAIL 3, SHEET 3.
10	INSTALL 34' LONG 12" CMP OR ENGINEER APPROVED EQUAL UNDER PATH AT STA 26+34± PER DETAIL 3, SHEET 3. INSTALL 12" VERTICAL BEND AS REQUIRED TO CLEAR PATH. 1% MIN. SLOPE.
11	CURB TAPER, BEGIN AS STA 23+26, CONNECT TO EXST AT STA 23+42
12	CURB INLET TYPE 1 WITH RIP-RAP SPILLWAY. L=2.0'. SEE SPOKANE COUNTY STANDARD PLAN B-8 AND DETAIL 7, SHEET 2
13	6" EARTHEN BERM IN DITCH AT STA 21+00.

SPOKANE COUNTY ENGINEERS OFFICE
 OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
 PROJECT #: P-2029
 DATE ACCEPTED: 05-11-12
 ACCEPTANCE EXPIRES: 04-11-14
 PROJECT LANE MILES PUBLIC: 1.9
 PROJECT LANE MILES PRIVATE: 0.1
 CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
 PERMIT REQUIRED! (509) 477-3600
 NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



3 THOMAS MALLEN ROAD SECTION A
 SCALE: NTS

- DITCH SOIL NOTES:**
- THE TREATMENT ZONE SHALL CONSIST OF MEDIUM TO WELL DRAINING SOIL AT LEAST 12" THICK. THIS SOIL SHALL BE TESTED FOR INFILTRATIVE AND TREATMENT CRITERIA. INFILTRATION RATE SHALL BE BETWEEN 0.25 AND 0.50 INCHES/HOUR. AVERAGE CATION EXCHANGE CAPACITY SHALL BE AT LEAST 15 MILLEQUIVALENTS/100 GRAMS.
 - TESTING OF THE ORGANIC MATTER CONTENT OR CATION EXCHANGE CAPACITY OF THE TREATMENT ZONE SHALL BE COMPLETE AS STATE IN THE SPOKANE REGIONAL STORM WATER MANUAL, SECTION 6.7.1, AND THE RESULTS OF THESE TEST SHALL BE SUBMITTED AS PART OF THE CONSTRUCTION CERTIFICATION PROCESS.
 - THE TREATMENT ZONE SHALL BE UNDERLAIN BY A SUBGRADE INFILTRATIVE LAYER AT LEAST 48 INCHES THICK WITH A MINIMUM INFILTRATIVE RATE OF 0.15 INCHES/HOUR.



4 THOMAS MALLEN ROAD SECTION B
 SCALE: NTS



BY	REVISIONS	DATE	PROJ.	FROM	AS BUILT	TO	ACCEPT

BENCH MARK DATUM	SCALE	DATE	STAFF
BM: U.S.C. & G.S. BM W354	HORIZONTAL 50'	6/12	DRAWN - BDM/DLH
ELEVATION: 2412.34'	VERTICAL 10'	6/12	CHECKED - RLL
LOCATION: S. HAYFORD RD. & GEIGER BLVD.			APPROVED -

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 Spokane, WA 99201
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BALLESTEROS COURT
 THOMAS MALLEN ROAD
 PLAN AND PROFILE
 WEST TERRACE FOURTH ADDITION

TYPE OF IMPROVEMENT: STREET
PROJECT NUMBER: 2010-01-091
PLAN NUMBER:

6/12/2012
 SHEET 4 OF 8
 CALL BEFORE YOU DIG-1-800-456-8000
 P-2029-EN6-Road Drainage
 P-2029-P4-4

CONSTRUCTION KEYED NOTES	
ITEM No.	DESCRIPTION
1	FOLLOW CONSTRUCTION SEQUENCE PER DETAIL 3 SHEET 8.
2	INSTALL SILT FENCE AS REQUIRED TO PROTECT NEIGHBORING PROPERTIES AND DOWNSTREAM STRUCTURES PER DETAIL 2 SHEET 8.
3	INSTALL ROCK CONSTRUCTION ENTRY BEFORE GRADING OPERATIONS PER DETAIL 4 SHEET 8.
4	HYDROSEED DISTURBED AREAS AFTER CONSTRUCTION ACTIVITIES PER PERMANENT SEEDING NOTES, THIS SHEET.
5	PROVIDE INLET PROTECTION DURING CONSTRUCTION ACTIVITIES ON CATCH BASIN PER DETAIL 1 SHEET 8.
6	TEMPORARY ROCK CHECK DAM SPACED AT 100'. SEE DETAIL 5 SHEET 8. REMOVE AFTER GRADING IS COMPLETE AND VEGETATION IS ESTABLISHED.

PERMANENT SEEDING NOTES:

LOCATIONS TO BE APPLIED:

- GRADED, FINAL GRADED OR CLEARED AREAS WHERE PERMANENT VEGETATIVE COVER IS NEEDED TO ESTABLISH THE SOIL.
- AREAS WHICH WILL NOT BE BROUGHT TO FINAL GRADE FOR A YEAR OR MORE.
- VEGETATION-LINED CHANNELS, DRAINAGE SWALES AND AS SHOWN ON THE PLANS.

PROVIDE FRESH, CLEAN NEW CROP SEED COMPLYING WITH TOLERANCE FOR PURITY AND GERMINATION ESTABLISHED BY OFFICIAL SEED ANALYSTS OF NORTH AMERICA. PROVIDE SEED MIXTURE COMPOSED OF GRASS SPECIES AND NATIVE SPECIES AT PERCENTAGES AS FOLLOWS:

GRASS SEED: FRESH, CLEAN, DRY, NEW CROP SEED COMPLYING WITH THE ASSOCIATION OF OFFICIAL ANALYSTS' "RULES FOR TESTING SEEDS" FOR PURITY AND GERMINATION TOLERANCE. PROVIDE THE FOLLOWING EROSION SEED MIX FOR THE HYDROSEEDING: CANADA BLUEGRASS, 30%, SHEEP FESCUE, 30%, HARD FESCUE, 30%, ANNUAL RYE, 10%. SEED SHALL BE APPLIED TO FLAT GROUND AT A MINIMUM RATE OF 25-40 POUNDS PER ACRE. SEE SHALL BE APPLIED TO SLOPING GROUND AT A RATE OF 25-75 POUNDS PER ACRE, DEPENDING ON SLOPE RATIO.

PROVIDE HYDROSEEDING AS FOLLOWS:

HYDROSEEDING: MIX SPECIFIED SEED AT THE RATE REQUIRED ABOVE, FERTILIZER AT THE RATE OF 400 LBS./ACRE OF 16-16-16 AND FIBER MULCH IN WATER, USING EQUIPMENT SPECIFICALLY DESIGNED FOR HYDROSEED APPLICATION. CONTINUE MIXING UNTIL UNIFORMLY BLENDED INTO HOMOGENOUS SLURRY SUITABLE FOR HYDRAULIC APPLICATION.

- MIX SLURRY WITH NONASPHALTIC TACKIFIER, PER MANUFACTURER'S RECOMMENDATION.
- APPLY SLURRY UNIFORMLY TO ALL AREAS TO BE SEEDING IN A 1-STEP PROCESS. APPLY MULCH AT THE MINIMUM RATE OF 2000 LBS./ACRE (16.5 KG PER 100 SQ.M) DRY WEIGHT BUT NOT LESS THAN THE RATE REQUIRED TO OBTAIN SPECIFIED SEED-SOWING RATE.

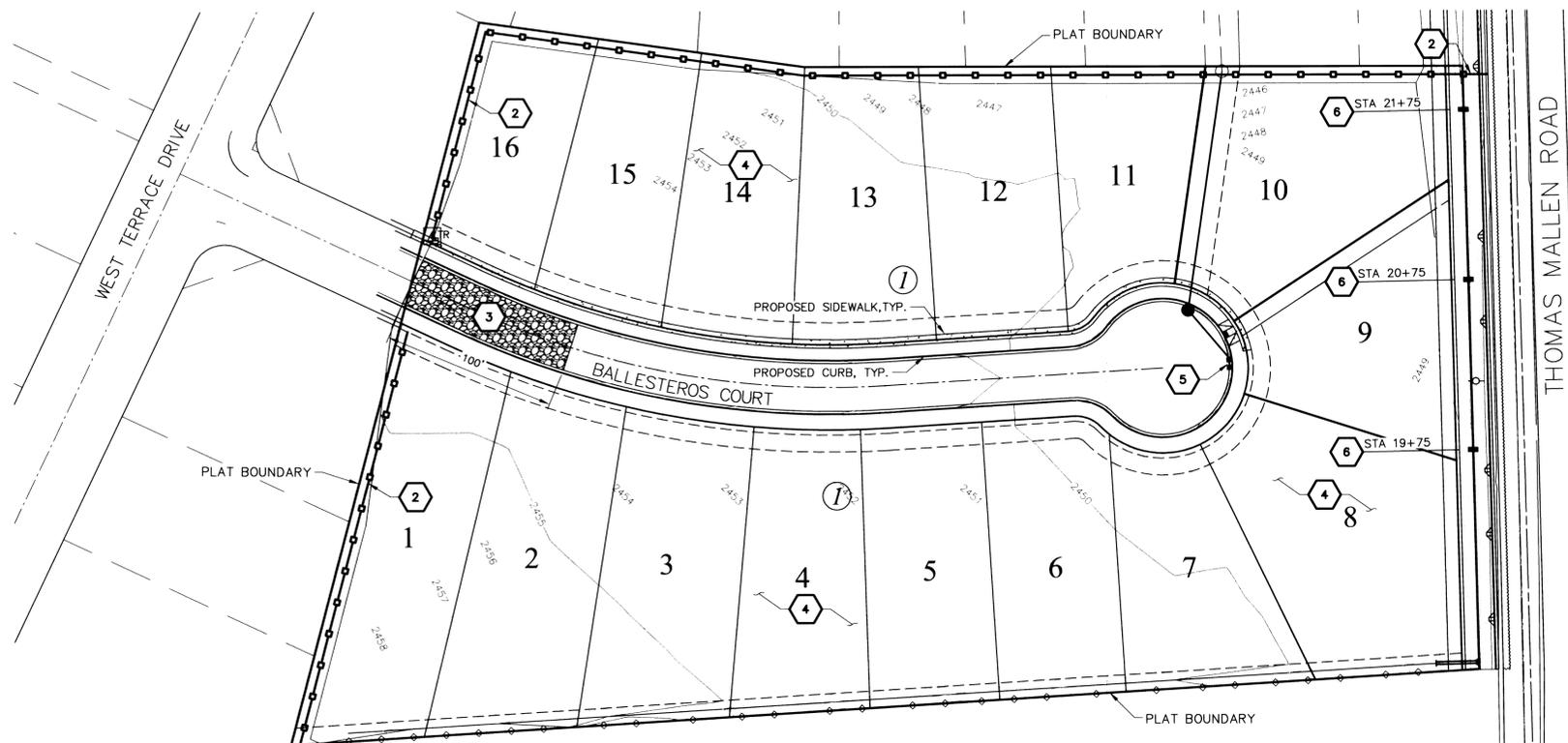
ALL SEEDING OF SLOPES SHALL BE DONE IN ACCORDANCE WITH W.S.D.O.T. STANDARD SPECIFICATIONS.

PERMANENT SEEDING SHALL OCCUR BETWEEN THE DATES OF AUGUST 15 TO OCTOBER 15. ANY AREAS THAT ARE NOT SEEDING AND ARE EXPOSED FOR MORE THAN 30 DAYS SHALL HAVE A TEMPORARY CONTROL BLANKET, OR MULCH.

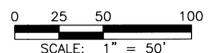
MULCHING OPERATIONS SHALL BE PER W.S.D.O.T. SPECIFICATIONS SECTION 8-01.3(2).

EROSION AND SEDIMENTATION CONTROL NOTES

- THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE FOLLOWED IN ORDER TO BEST MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENTATION CONTROL PROBLEMS:
 - CLEAR AND GRUB SUFFICIENTLY FOR INSTALLATION OF TEMPORARY ESC BMP'S;
 - INSTALL TEMPORARY ESC BMP'S, CONSTRUCTING SEDIMENT TRAPPING BMP'S AS ONE OF THE FIRST STEPS PRIOR TO GRADING;
 - CLEAR, GRUB AND ROUGH GRADE FOR ROADS, TEMPORARY ACCESS POINTS AND UTILITY LOCATIONS;
 - STABILIZE ROADWAY APPROACHES AND TEMPORARY ACCESS POINTS WITH THE APPROPRIATE CONSTRUCTION ENTRY BMP;
 - CLEAR, GRUB AND GRADE INDIVIDUAL LOTS OR GROUPS OF LOTS;
 - TEMPORARILY STABILIZE, THROUGH RE-VEGETATION OR OTHER APPROPRIATE BMP'S, LOTS OR GROUPS OF LOTS IN SITUATIONS WHERE SUBSTANTIAL CUT OR FILL SLOPES ARE A RESULT OF THE SITE GRADING;
 - CONSTRUCT ROADS, BUILDINGS, PERMANENT STORMWATER FACILITIES (I.E. INLETS, PONDS, UIC FACILITIES, ETC.);
 - PROTECT ALL PERMANENT STORMWATER FACILITIES UTILIZING THE APPROPRIATE BMP'S;
 - INSTALL PERMANENT ESC CONTROLS, WHEN APPLICABLE; AND
 - REMOVE TEMPORARY ESC CONTROLS WHEN:
- PERMANENT ESC CONTROLS, WHEN APPLICABLE, HAVE BEEN COMPLETELY INSTALLED;
- ALL LAND-DISTURBING ACTIVITIES THAT HAVE THE POTENTIAL TO CAUSE EROSION OR SEDIMENTATION PROBLEMS HAVE CEASED; AND,
- VEGETATION HAD BEEN ESTABLISHED IN THE AREAS NOTED AS REQUIRING VEGETATION ON THE ACCEPTED ESC PLAN ON FILE WITH THE LOCAL JURISDICTION.
- INSPECT ALL ROADWAYS, AT THE END OF EACH DAY, ADJACENT TO THE CONSTRUCTION ACCESS ROUTE. IF IT IS EVIDENT THAT SEDIMENT HAS BEEN TRACKED OFF SITE AND/OR BEYOND THE ROADWAY APPROACH, CLEANING IS REQUIRED.
- IF SEDIMENT REMOVAL IS NECESSARY PRIOR TO STREET WASHING, IT SHALL BE REMOVED BY SHOVELING OR PICKUP SWEEPING AND TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA.
- IF STREET WASHING IS REQUIRED TO CLEAN SEDIMENT TRACKED OFF SITE, ONCE SEDIMENT HAS BEEN REMOVED, STREET WASH WASTEWATER SHALL BE CONTROLLED BY PUMPING BACK ON-SITE OR OTHERWISE PREVENTED FROM DISCHARGING INTO SYSTEMS TRIBUTARY TO WATERS OF THE STATE.
- RESTORE CONSTRUCTION ACCESS ROUTE EQUAL TO OR BETTER THAN THE PRE-CONSTRUCTION CONDITION.
- RETAIN THE DUFF LAYER, NATIVE TOPSOIL, AND NATURAL VEGETATION IN AN UNDISTURBED STATE TO THE MAXIMUM EXTENT PRACTICAL.
- INSPECT SEDIMENT CONTROL BMP'S WEEKLY AT A MINIMUM, DAILY DURING A STORM EVENT, AND AFTER ANY DISCHARGE FROM THE SITE (STORMWATER OR NON-STORMWATER). THE INSPECTION FREQUENCY MAY BE REDUCED TO ONCE A MONTH IF THE SITE IS STABILIZED AND INACTIVE.
- CONTROL FUGITIVE DUST FROM CONSTRUCTION ACTIVITY IN ACCORDANCE WITH THE STATE AND/OR LOCAL AIR QUALITY CONTROL AUTHORITIES WITH JURISDICTION OVER THE PROJECT AREA.
- STABILIZE EXPOSED UNWORKED SOILS (INCLUDING STOCKPILES), WHETHER AT FINAL GRADE OR NOT, WITHIN 10 DAYS DURING THE REGIONAL DRY SEASON (JULY 1 THROUGH SEPTEMBER 30) AND WITHIN 5 DAYS DURING THE REGIONAL WET SEASON (OCTOBER 1 THROUGH JUNE 30). SOILS MUST BE STABILIZED AT THE END OF A SHIFT BEFORE A HOLIDAY WEEKEND IF NEEDED BASED ON THE WEATHER FORECAST. THIS TIME LIMIT MAY ONLY BE ADJUSTED BY A LOCAL JURISDICTION WITH A "QUALIFIED LOCAL PROGRAM," IF IT CAN BE DEMONSTRATED THAT THE RECENT PRECIPITATION JUSTIFIES A DIFFERENT STANDARD AND MEETS THE REQUIREMENTS SET FORTH IN THE CONSTRUCTION STORMWATER GENERAL PERMIT.
- PROTECT INLETS, DRYWELLS, CATCH BASINS AND OTHER STORMWATER MANAGEMENT FACILITIES FROM SEDIMENT, WHETHER OR NOT FACILITIES ARE OPERABLE.
- KEEP ROADS ADJACENT TO INLETS CLEAN.
- INSPECT INLETS WEEKLY AT A MINIMUM AND DAILY DURING STORM EVENTS.
- CONSTRUCT STORMWATER CONTROL FACILITIES (DETENTION/RETENTION STORAGE POND OR SWALES) BEFORE GRADING BEGINS. THESE FACILITIES SHALL BE OPERATIONAL BEFORE THE CONSTRUCTION OF IMPERVIOUS SITE IMPROVEMENTS.
- STOCKPILE MATERIALS (SUCH AS TOPSOIL) ON SITE, KEEPING OFF OF ROADWAY AND SIDEWALKS.
- COVER, CONTAIN AND PROTECT ALL CHEMICALS, LIQUID PRODUCTS, PETROLEUM PRODUCT, AND NON-INERT WASTES PRESENT ON SITE FROM VANDALISM (SEE CHAPTER 173-304 WAC FOR THE DEFINITION OF INERT WASTE). USE SECONDARY CONTAINMENT FOR ON-SITE FUELING TANKS.
- CONDUCT MAINTENANCE AND REPAIR OF HEAVY EQUIPMENT AND VEHICLES INVOLVING OIL CHANGES, HYDRAULIC SYSTEM REPAIRS, SOLVENT AND DE-GREASING OPERATIONS, FUEL TANK DRAIN DOWN AND REMOVAL, AND OTHER ACTIVITIES THAT MAY RESULT IN DISCHARGE OR SPILLAGE OF POLLUTANTS TO THE GROUND OR INTO STORMWATER RUNOFF USING SPILL PREVENTION MEASURES, SUCH AS DRIP PANS. CLEAN ALL CONTAMINATED SURFACES IMMEDIATELY FOLLOWING ANY DISCHARGE OR SPILL INCIDENT. IF RAINING OVER EQUIPMENT OR VEHICLE, PERFORM EMERGENCY REPAIRS ON SITE USING TEMPORARY PLASTIC BENEATH THE VEHICLE.
- CONDUCT APPLICATION OF AGRICULTURAL CHEMICALS, INCLUDING FERTILIZERS AND PESTICIDES, IN SUCH A MANNER, AND AT APPLICATION RATES, THAT INHIBITS THE LOSS OF CHEMICALS INTO STORMWATER RUNOFF FACILITIES. AMEND MANUFACTURER'S RECOMMENDED APPLICATION RATES AND PROCEDURES TO MEET THIS REQUIREMENT, IF NECESSARY.
- INSPECT ON A REGULAR BASIS (AT A MINIMUM WEEKLY, AND DAILY DURING/AFTER A RUNOFF PRODUCING STORM EVENT) AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL BMP'S TO ENSURE SUCCESSFUL PERFORMANCE OF THE BMP'S. NOTE THAT INLET PROTECTION DEVICES SHALL BE CLEANED OR REMOVED AND REPLACE BEFORE SIX INCHES OF SEDIMENT CAN ACCUMULATE.
- REMOVE TEMPORARY ESC BMP'S WITHIN 30 DAYS AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED. PERMANENTLY STABILIZE AREAS THAT ARE DISTURBED DURING THE REMOVAL PROCESS.



1 ROAD PLAN STA. 46+30 TO 51+19.35
7 SCALE: 1" = 50'



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 2009-11
DATE ACCEPTED: 05/12/12
ACCEPTANCE EXPIRES: 04-12-14
PROJECT LANE MILES PUBLIC: 1.74
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.



6/12/2012
SHEET 7 OF 8
CALL BEFORE YOU DIG: 1-800-456-8000

BY	REVISIONS	DATE	PROJ.	FROM	AS BUILT	TO	ACCEPT

BENCH MARK DATUM	SCALE	DATE	STAFF
BM: U.S.C. & G.S. BM W354	HORIZONTAL: 50'	6/12	DRAWN: BDM/DLH
ELEVATION: 2412.34'	VERTICAL: 10'	6/12	CHECKED: RLL
LOCATION: S. HAYFORD RD. & GEIGER BLVD.			APPROVED: _____



ADAMS & CLARK, Inc.
www.adamsandclark.com
1720 W. Fourth Ave.
Spokane, WA 99201
(509) 747-4600 F(509) 747-8913

BALLESTEROS COURT
TEMPORARY
EROSION & SEDIMENT CONTROL PLAN
WEST TERRACE FOURTH ADDITION

TYPE OF IMPROVEMENT: EROSION	
PROJECT NUMBER	PLAN NUMBER
2010-01-091	

P-2009-11 ENG & Road Drainage
Plan - Drainage - 5

