

ADDISON STREET

SPOKANE COUNTY, WA

S 1/2, S. 5, T. 26 N., R. 43 E., W.M.

ABBREVIATIONS

ACP	Asphalt Concrete Pavement	w/	With	N	North(ing)
ADD'L	Additional	WT	Weight	NO (#)	Number
AD	Area Drain	WWF	Welded Wire Fabric	OC	On Center
ADJ	Adjacent	YD	Yard Drain	O/W	Oil Water
ANSI	American National Standards Institute	EQUIV.	Equivalent	P	Power
APPROX.	Approximate(y)	EVC	End of Vertical Curve	PC	Point of Curvature
ARCH	Architect(ural)	EXIST.	Existing	PIV	Post Indicator Valve
ASSY	Assembly	FD	Floor Drain	PP	Power Pole
BLDG	Building	FDC	Fire Department Connection	PL or \bar{L}	Property Line
BM	Benchmark	FDN	Foundation	PSF	Pounds Per Square Foot
BNDRY	Boundary	FFE	Finish Floor Elevation	PSI	Pounds Per Square Inch
BOW	Bottom of Wall (at finished grade)	FH	Fire Hydrant	PT	Point of Tangency
BVC	Beginning of Vertical Curve	FL	Flanged	PVC	Polyvinyl Chloride
CTV	Cable TV	FLR	Floor	PVI	Point of Vertical Inflection
C&G	Curb and Gutter	FOC	Face of Curb	QTY.	Quantity
CB	Catch Basin	F.S.	Finished Surface	RAD (R)	Radius
CC	Concrete Curb	FT (')	Foot (feet)	RCP	Reinforced Concrete Pipe
CD	Concrete Drive	FTG	Footing	RD	Road
CF	Cubic Feet (Foot)	G	Gas Main	REF	Reference
CI	Cast Iron	GB	Grade Break	REQD.	Required
CJ	Construction Joint	GM	Gas Meter	RET	Retaining
CL	Class	GRD	Grade	ROW	Right of Way
CL	Center Line	GV	Gate Valve	SHT	Sheet
CMP	Corrugated Metal Pipe	HB	Hose Bibb	SIM	Similar
CONC.	Concrete	HDPE	High Density Polyethylene	SPEC	Specification(s)
CONST.	Construction	HORIZ(H)	Horizontal	STA	Station
CPEP	Corrugated Polyethylene Pipe	HT	Height	SQ	Square
CTR	Center(ed)	HYD	Hydrant	S.F.	Square Feet
CY	Cubic Yard	ID	Inside Diameter	SS	Sanitary Sewer
DCVA	Double Check Valve Assembly	I.E.	Invert Elevation	SD	Storm Drain
DDCV	Double Detector Check Valve	IN (')	Inch(es)	STD	Standard
DEPT.	Department	INV	Invert	TOE	Toe of Wall, or Slope
DET	Detail	IRR	Irrigation Water	T	Telephone Wire
D.I.	Ductile Iron	LB	Pound(s)	TBM	Temporary Bench Mark
DIA (ø)	Diameter	LCPE	Lined Corrugated Polyethylene Pipe	T.C.	Top of Curb
DIM	Dimension	LF	Linear Feet	TC or RIM	Top of Grate
DS	Down Spout	MAT'L	Material	TEMP.	Temporary
DWG	Drawing	MAX	Maximum	TOP	Top of Slope
E	East(ing)	MFR	Manufacturer	TOW	Top of Wall
EC	Electrical Conduit	MH	Manhole	TV	Television Wire
ECC	Extruded Concrete Curb	MJ	Mechanical Joint	TYP.	Typical
EL =	Elevation	MIN.	Minimum	VC	Vertical Curve
EDP	Edge of Pavement	MISC.	Miscellaneous	VERT (V)	Vertical
				WM	Water Meter

LEGEND

STORM PIPE		TOP OF WALL/TOE OF WALL	
NEW & EXISTING CATCH BASINS		SLOPE INDICATORS	
NEW & EXISTING DRYWELLS		RIP RAP	
STORM MANHOLE		FILTER FABRIC FENCING	
SANITARY SEWER PIPE		RAIN WATER LEADERS (RWL)	
SANITARY SEWER MANHOLE		CLEANOUTS (C.O.) SS, AND RWL	
WATER MAINS		INTERCEPTOR AND BIO-SWALES	
FIRE HYDRANTS (NEW AND EXISTING) AND FDC		CEMENT CONCRETE	
WATER METERS		COORDINATES, & LEADERS	
WATER VALVES		STUBBED & PLUGGED LINE	
FITTINGS WITH THRUST BLOCKS		CONCRETE CURB	
SURFACE WTR AND PIPE DIRECTION FLOW		CONCRETE CURB & GUTTER	
EXISTING CONTOUR LABELS		NEW ASPHALT/CONCRETE PAVEMENT	
PROPOSED CONTOUR LABELS		CURB INLET	
EXISTING SURFACE ELEVATIONS		DRAINAGE SWALE	
FINISHED SURFACE ELEVATIONS			

GENERAL CONSTRUCTION NOTES:

1. THE ENGINEER HAS ATTEMPTED TO SHOW ALL EXISTING UNDERGROUND UTILITIES AND STRUCTURES. APPEARANCE ON THESE PLANS, HOWEVER, DOES NOT GUARANTEE THE ACCURACY AND COMPLETENESS OF THE LOCATION OR EXISTENCE OF THESE UTILITIES AND/OR SUBSTRUCTURES. THE CONTRACTOR IS REQUIRED TO TAKE ALL REQUIRED PRECAUTIONARY MEANS TO LOCATE AND PROTECT ALL EXISTING UTILITIES AND SUBSTRUCTURES WHETHER SHOWN OR NOT, PRIOR TO EXCAVATION IN ANY AREA. THE CONTRACTOR SHALL MEET AT THE JOB SITE WITH REPRESENTATIVES OF THE UTILITY DISTRICTS OR COMPANIES AND OTHER OWNERS THAT MAY HAVE EXISTING FACILITIES AND TO DISCUSS THEIR PROTECTION.
2. THIS PLAN MAY NOT SHOW ALL EXISTING UTILITIES. EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE. PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 A MINIMUM OF 48 HOURS PRIOR TO EXCAVATION BEFORE YOU DIG. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION OF ROAD AND DRAINAGE FACILITIES.
3. THE CONTRACTOR SHALL HAVE A RESPONSIBLE PARTY WHO SHALL HAVE THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR AT THE JOB SITE DURING ALL WORKING HOURS.
4. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR AND EQUIPMENT TO CONSTRUCT AND INSTALL PROPER WORKING ORDER, THE DESIGN SHOWN, AS DETAILED OR CALLED OUT IN THESE PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR BEING FAMILIAR WITH THE PROVISIONS AND REQUIREMENTS CONTAINED IN THE STANDARD SPECIFICATIONS.
5. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLAN(S) IN ACCORDANCE WITH THE MANUAL UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS REQUIRED. PRIOR TO DISRUPTION OF ANY TRAFFIC, A TRAFFIC PLAN SHALL BE PREPARED AND SUBMITTED TO THE SPOKANE COUNTY ENGINEERING DEPARTMENT FOR APPROVAL. NO WORK SHALL COMMENCE UNTIL ALL APPROVED TRAFFIC CONTROL IS IN PLACE.
6. ALL TESTING TO BE IN ACCORDANCE WITH THE WSDOT STANDARD SPECIFICATIONS AS RECOMMENDED BY SPOKANE COUNTY.
7. THE CONTRACTOR SHALL PROVIDE THE DESIGN ENGINEER WITH RECORD DRAWINGS PRIOR TO FINAL APPROVAL. ALL DEVIATIONS FROM THE ORIGINAL PLANS MADE DURING THE COURSE OF THE CONSTRUCTION INCLUDING LOCATIONS, INVERTS, AND DEPTHS OF UTILITIES SHOULD BE CLEARLY MARKED ON THE RECORD DRAWINGS.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING DIRT, MUD, AND OTHER CONSTRUCTION DEBRIS WHICH MAY ACCUMULATE ON PAVED STREETS ADJACENT TO THE SITE AS A RESULT OF THE CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AN "AS NEEDED" BASIS USING SWEEPING AND WATER CANNOT WASH DEBRIS INTO EXISTING SWALES. MUST PROTECT ALL EXISTING FACILITIES FROM DIRT /DEBRIS.
9. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH SPOKANE COUNTY STANDARDS AND THE MOST CURRENT COPY OF THE WASHINGTON STATE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (WSDOT /APWA).
10. ALL APPROVALS AND PERMITS REQUIRED BY SPOKANE COUNTY SHALL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. ABSENCE OF THE PERMIT MAY RESULT IN AND IMMEDIATE SHUT DOWN OF WORK AND POSSIBLE REMOVAL OF THOSE ITEMS CONSTRUCTED WITHOUT THE PERMIT.
11. IF CONSTRUCTION IS TO TAKE PLACE IN THE COUNTY RIGHT-OF-WAY, THE CONTRACTOR SHALL NOTIFY THE COUNTY AND OBTAIN ALL THE REQUIRED APPROVALS AND PERMITS.
12. A PRE CONSTRUCTION MEETING SHALL BE HELD WITH THE SPOKANE COUNTY CONSTRUCTION INSPECTOR PRIOR TO THE START OF CONSTRUCTION.
13. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A COPY OF THESE APPROVED PLANS ON THE CONSTRUCTION SITE AT ALL TIMES.
14. ANY CHANGES TO THE DESIGN SHALL FIRST BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER AND SPOKANE COUNTY ENGINEERING DEPARTMENT.
15. PRIOR TO BACKFILL, ALL MAINS AND APPURTENANCES SHALL BE INSPECTED AND APPROVED BY THE SPOKANE COUNTY CONSTRUCTION INSPECTOR. APPROVAL SHALL NOT RELIEVE THE CONTRACTOR THE RESPONSIBILITY CORRECTION OF ANY DEFICIENCIES AND/OR FAILURES AS DETERMINED BY SUBSEQUENT TESTING AND INSPECTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY SPOKANE COUNTY FOR THE REQUIRED INSPECTIONS.

ENGINEER'S STATEMENT

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. I APPROVE THESE PLANS FOR CONSTRUCTION.

ENGINEER _____ DATE _____

DEVELOPER _____ DATE _____

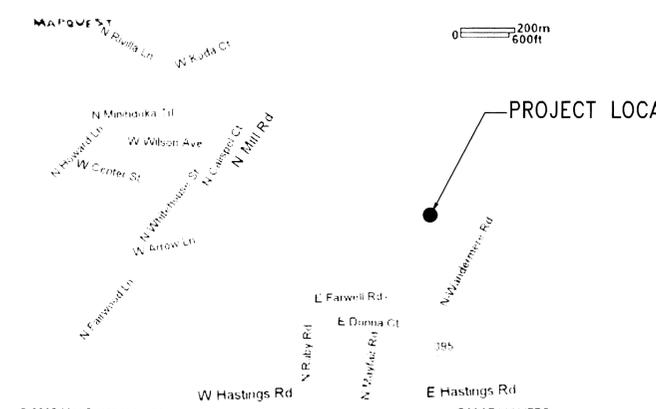
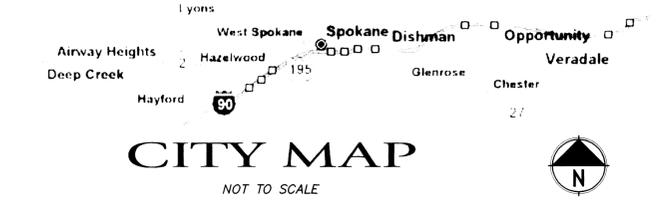
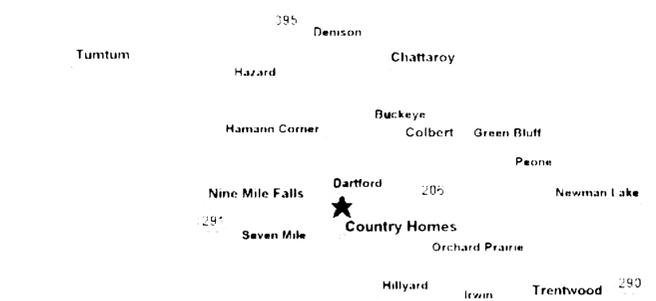
APPROVED BY:
SPOKANE COUNTY ENGINEER

* NOTE *

UTILITY PLANS AND SIGNATURE BLOCKS FOR WHITWORTH WATER DISTRICT, SPOKANE COUNTY UTILITIES, AND FIRE DISTRICT #9 ARE INCLUDED ON A SEPARATE PLAN SET, "ADDISON STREET UTILITIES".

ROADWAY INFORMATION:

FUNCTIONAL CLASS: LOCAL ACCESS
TERRAIN: ROLLING
DESIGN SPEED: 30 MPH
POSTED SPEED: 25 MPH



ASSUMED BASIS OF BEARING
THE BEARING OF S87°48'10"W ALONG THE SOUTH LINE OF SECTION 5, TOWNSHIP 26 N., RANGE 43 E., W.M.

ASSUMED BASIS OF ELEVATION
FND. "X" ON CONCRETE LIGHT POLE BASE ON NW CORNER OF SR 395 AND HASTINGS ROAD. ELEVATIONS= (NAVD 88 EL= 1775.28).

OWNER
WANDERMERE ESTATES, LLC
608 E HOLLAND AVE.
SPOKANE, WA 99218
CONTACT: TIM STULC
PHONE: (509) 467-6654
FAX: (509) 467-3534

CIVIL ENGINEER
DCI ENGINEERS
601 W. RIVERSIDE, SUITE 600
SPOKANE, WA 99201
CONTACT: DAMON SMITH, P.E. OR
ANDY ROWE
PHONE: (509) 455-4448
FAX: (509) 455-7492

SHEET INDEX

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CONTRACTOR NOTE

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS, FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION CONTACT THE UTILITY OWNER/AGENCY.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

PREPARED BY:
DCI ENGINEERS
DAMON SMITH, P.E.
601 W. RIVERSIDE, SUITE 600
SPOKANE, WASHINGTON 99201
PHONE: (509) 455-4448
FAX: (509) 455-7492
CIVIL / STRUCTURAL



SIGNATURE: _____
REVISIONS:

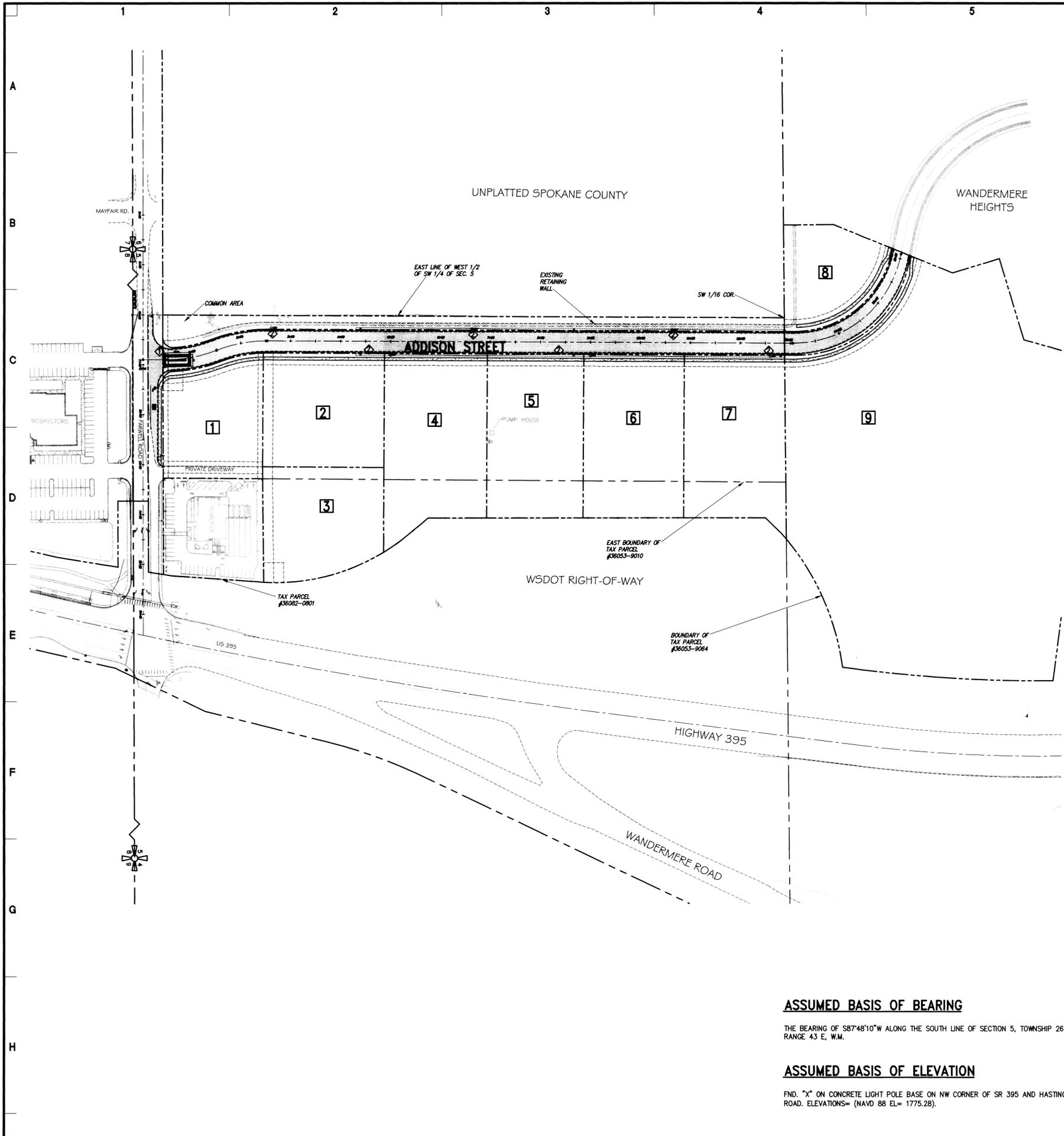
NO.	DATE	DESCRIPTION
1	04-12-06	4-7-06 COUNTY COMMENTS

APPROVALS:

Job No.:	04-42-067
Proj. Manager:	DAS
Drawn:	JFS
Reviewed:	ARR
Dwg. Chk.:	WMS
Date:	3/24/06
Scale:	N/A

ADDISON STREET
SPOKANE COUNTY, WA
BSP 0101-05

PROJECT TITLE: _____
SHEET TITLE: COVER SHEET
SHEET NO. C0.0



EROSION & SEDIMENTATION CONTROL NOTES:

GENERAL EROSION CONTROL NOTES

1. AN EROSION/SEDIMENTATION CONTROL (ESC) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE ESC PLAN, AND CONSTRUCTION, MAINTENANCE, AND UPGRADING OF THE ESC FACILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR UNTIL ALL CONSTRUCTION IS COMPLETED AND ACCEPTED BY SPOKANE COUNTY, OR UNTIL VEGETATION IS ESTABLISHED THROUGHOUT THE SITE, AND ACCEPTED BY SPOKANE COUNTY, WHICHEVER IS LATER.
2. APPROVAL OF THE ESC PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE ESC PLAN.
3. THE EROSION/SEDIMENTATION CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS OF THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE ESC MEASURES DAILY, AND SHALL MAINTAIN AND UPGRADE THESE MEASURES AS NECESSARY TO PREVENT SEDIMENT-LADEN WATER FROM EITHER FLOWING OFF SITE, OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS, CULVERTS, OR GRAVEL GALLERIES.
4. CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE ROCK CONSTRUCTION ENTRIES AT ANY AND ALL LOCATIONS USED TO ENTER OR EXIT THE PROJECT SITE.
5. ANY DISTURBED AREAS, EXCEPT FOR POND BOTTOM AND SLOPES, THAT WOULD BE LEFT BARE FOR MORE THAN 7 DAYS AND NOT INTENDED TO BE REWORKED WITHIN 30-45 DAYS SHALL BE SEEDED WITH A FAST STARTING NATIVE DRYLAND GRASS SUCH AS ANNUAL RYE, OR APPROVED EQUAL AT A RATE OF 60 LBS./ACRE.
6. GRADED POND AREAS, THAT WOULD BE LEFT BARE FOR MORE THAN 7 DAYS, SHALL HAVE A MULCH APPLIED AT A RATE OF TWO THOUSAND (2,000) POUNDS PER ACRE. MULCH SHALL BE A VIRGIN WOOD CELLULOSE FIBER SPECIALLY PROCESSED AS A HYDROSEEDING MULCH AND CONTAINING NO GROWTH OR GERMINATION INHIBITING FACTORS. IF POND CONSTRUCTION HAS BEEN COMPLETED, INCLUDING DRAINAGE STRUCTURES AND HAVE RECEIVED FINAL INSPECTION APPROVAL, THEY SHALL BE HYDROSEEDED. BASED UPON DIRECTION FROM THE INSPECTOR, A TACKIFIER MAY BE REQUIRED.
7. DUST CONTROL: AN APPROVED METHOD OF DUST CONTROL, MEETING THE REQUIREMENTS OF LOCAL REGULATIONS, SHALL BE UTILIZED DURING CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY MATERIALS THAT SPILL ONTO LOCAL STREETS DURING THE TRANSPORTATION OF THE EQUIPMENT. SHOULD A SPILL OCCUR, THE CONTRACTOR SHALL REMOVE THE MATERIAL BY THE END OF THE WORK DAY. NO MATERIAL SHALL BE ALLOWED TO SET, DRY, OR BE WASHED INTO ADJACENT STORMWATER FACILITIES.
8. GEOTEXTILE FABRIC IS TO BE PLACED ON THE RIMS OF DRYWELLS, CATCH BASINS, AND INLETS UNTIL SUCH TIME AS THE VEGETATION ON THE SITE IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.
9. THE CONTRACTOR SHALL PROTECT ALL CATCH BASINS, DRYWELLS, AND OTHER STORM DRAINAGE STRUCTURES FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC OVER THE METAL FRAME DURING CONSTRUCTION AND KEEPING IT IN PLACE UNTIL THE STREET HAS BEEN PAVED AND CLEANED.
10. ALL PONDS AND SIDE SLOPES WILL BE TURF GRASSED AND IRRIGATED. IRRIGATION PLAN TO BE DEVELOPED BY OTHERS.

EROSION CONTROL MAINTENANCE NOTES

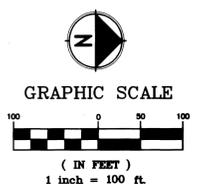
1. SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL 24 CONTINUOUS HOURS OR 48 HOURS IN ANY ONE WEEK.
2. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BARRIERS SHALL BE ACCOMPLISHED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RUNOFF-PRODUCING RAINFALL. THEY MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY 1/2 THE HEIGHT OF THE FILTER FABRIC BARRIER, OR 1/2 THE DEPTH OF THE CUTOFF DITCH, OR 1/2 THE VOLUME OF THE SEDIMENT POND.
4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE ESC STRUCTURE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND HYDRO/HAND SEEDED AT THE SAME RATE AS THE POND.
5. ALL TEMPORARY AND PERMANENT ESC PRACTICES SHALL BE MAINTAINED AND PREPARED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
6. ALL TEMPORARY ESC MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY BMP'S ARE NO LONGER NEEDED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL WITHOUT PERMISSION OF THE ENGINEER OR INSPECTOR THAT RESULTS IN CONTAMINATION OF THE DRYWELLS SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO REMEDY. REMEDY MAY ENTAIL DRYWELL CLEANING OR REMOVAL AND RECONSTRUCTION.

REFERENCE NOTES:

- ◆ INSTALL A CONSTRUCTION ENTRANCE PER DETAIL 4/C3.1.
- ◆ LINE DRAINAGE STRUCTURE LIDS WITH FILTER FABRIC TO PREVENT CONTAMINATION WITH SILT.



Daniel A. Vandewort 4-11-05
 DEVELOPER DATE



ASSUMED BASIS OF BEARING

THE BEARING OF S87°48'10"W ALONG THE SOUTH LINE OF SECTION 5, TOWNSHIP 26 N., RANGE 43 E, W.M.

ASSUMED BASIS OF ELEVATION

FND. "X" ON CONCRETE LIGHT POLE BASE ON NW CORNER OF SR 395 AND HASTINGS ROAD. ELEVATIONS= (NAVD 88 EL= 1775.28).

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PREPARED BY:
DCI ENGINEERS
 D. J. AMATO CONSULTING, INC.
 601 WEST PRESERVE, SUITE 600, SPOKANE, WASHINGTON 99201
 PHONE: (509) 465-1448 FAX: (509) 465-1482
 CIVIL / STRUCTURAL

SIGNATURE:

 EXPIRES 9/27/2006

REVISIONS:

NO.	DATE	DESCRIPTION
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APPROVALS:

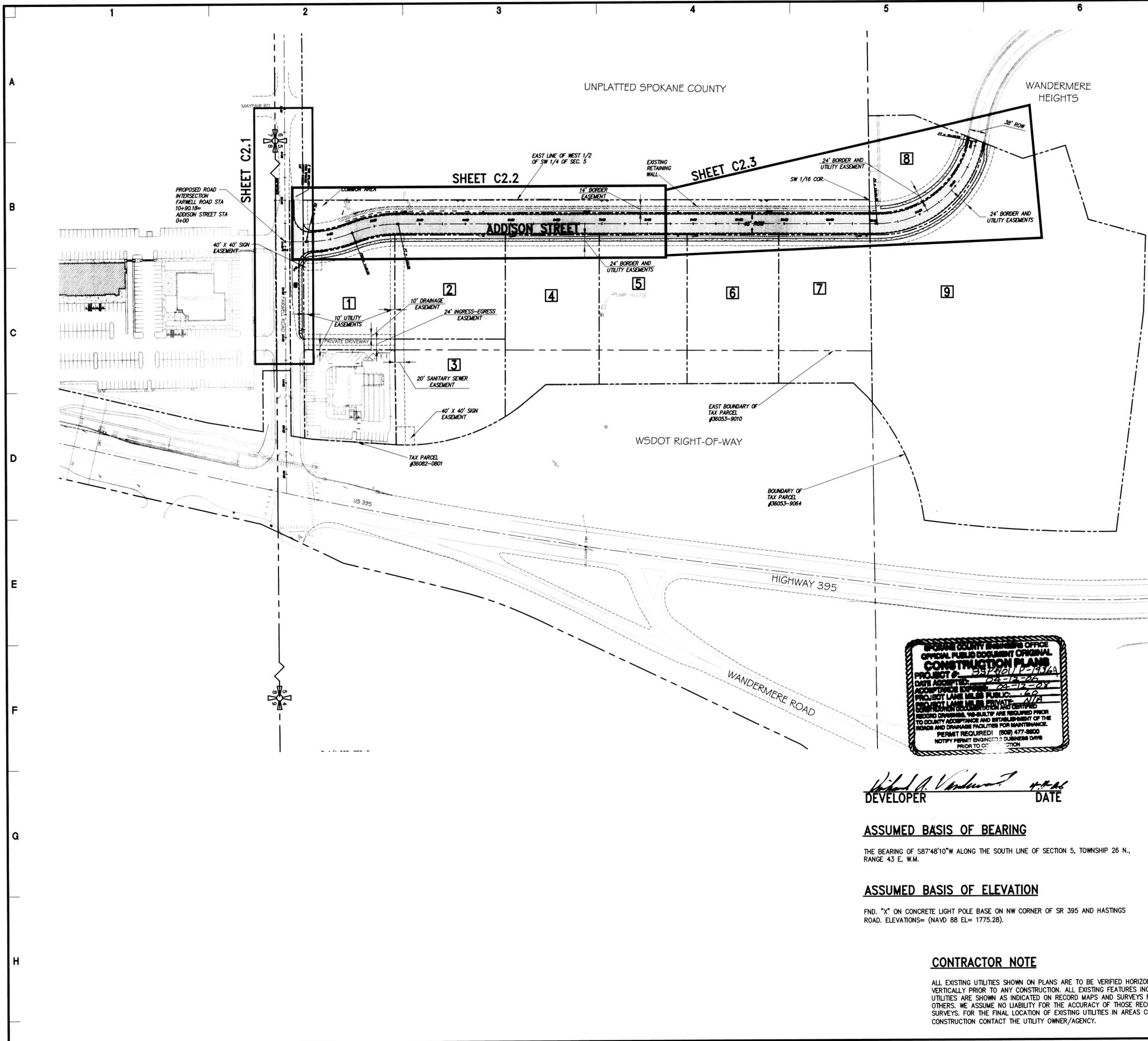
Job No.:	04-42-087
Proj. Manager:	DAS
Drawn:	JFS
Reviewed:	ARR
Dwg. Chk.:	WMC
Date:	3/24/06
Scale:	1" = 100'

PROJECT TITLE:
ADDISON STREET
SPOKANE COUNTY, WA
BSP 0101-05

SHEET TITLE:
TEMPORARY
EROSION AND
SEDIMENT CONTROL
PLAN

SHEET NO.
CI.0

BSP 0101 - P.1936A
 Erosion & Sedimentation



- ### STORM DRAINAGE NOTES:
- DRAINAGE PONDS SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF THESE DRAWINGS, INCLUDING GRADING, SOD OR SEED AS NOTED, AND DRYWELL INSTALLATION. SEE NOTE 4 FOR DRAINAGE PONDS THAT SHALL INCLUDE AN IRRIGATION SYSTEM. NO BARK, GRAVEL OR CINDERS ARE ALLOWED IN SWALE.
 - INSTALL "AMOCO" #4545 FILTER FABRIC (OR APPROVED EQUIVALENT) IN ALL DRYWELLS. SEE THE SPOKANE COUNTY STANDARDS FOR INSTALLATION LOCATIONS. FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC (AMOCO 4545 OR APPROVED EQUIVALENT) BETWEEN THE WASHED DRAINROCK AND THE NATIVE SOILS.
 - ALL DRAINAGE PONDS WITHIN THE SCOPE OF THIS PROJECT SHALL BE COMPLETED DURING THE CONSTRUCTION OF THE PARKING AREAS. THE CONTRACTOR SHALL PERFORM THE POND GRADE WORK AND INSTALL THE IRRIGATION SYSTEM AND SOD OR HYDROSEED FOLLOWING THE ROADWAY/PARKING AREA PAVING WORK.
 - ALL DRAINAGE PONDS LISTED IN NOTE #3 ARE TO BE IRRIGATED BY AN AUTOMATIC IRRIGATION SYSTEM INSTALLED BY OR UNDER THE DIRECTION OF THE LANDSCAPE CONTRACTOR. THE IRRIGATION IS TO COMPLY WITH ALL LOCAL CODES AND ORDINANCES (90 DAY GUARANTEE) AND AN APPROVED BACKFLOW DEVICE IS TO BE INSTALLED TO PREVENT WATER FROM GOING BACK INTO THE WATER SUPPLY. SEE IRRIGATION PLAN.
 - THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) POND INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE POND, AND THE SIDESLOPES OF THE POND OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE CONTAINMENT POND SHALL BE A MEDIUM TO WELL - DRAINING MATERIAL, WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE POND FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STATUS WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.
 - SLEEVING: PROVIDE SLEEVING AS REQUIRED UNDER SIDEWALKS, PATHS, CURBING, PAVING, ETC. AS NEEDED FOR IRRIGATION ACCESS. ALL SLEEVING TO BE 4" PVC WITH AT LEAST 12" OF COVER (1) FOOT BELOW FINISHED GRADE. THE OWNER/GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING SLEEVING BEFORE CURBING, SIDEWALKS, PAVING, ETC. IS INSTALLED. PATCH ASPHALT AS NEEDED. SEE IRRIGATION PLAN.
 - ADJUSTMENT: AFTER INSTALLATION, ADJUST VALVES, HEADS, EMITTERS ETC. TO PROVIDE UNIFORM COVERAGE AND TO MINIMIZE OVERSPRAY ON WALLS, FENCES, WALKS, DRIVES, ETC.
 - POND BOTTOM ELEVATIONS SHOWN ON THESE PLANS ARE FINISHED GRADE. CONTRACTOR SHALL ROUGH GRADE ALL PONDS TO 0.2' BELOW ELEVATIONS SHOWN TO ALLOW FOR FINAL PLACEMENT OF SOD, OR ESTABLISHMENT OF DRYLAND GRASS.
 - FLOOD TESTING OF SWALE BOTTOMS AND FULL-SCALE DRYWELL TESTS WILL BE NEEDED AS PART OF THE ROAD CERTIFICATION PROCESS.
 - SEE STORM DRAINAGE REPORT DATED: MARCH 24, 2006

- ### GRADING NOTES:
- EXCAVATION AND EMBANKMENT SHALL BE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. ALL COMPACTION OF SUBGRADE, ROCK, AND ASPHALT SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS.
 - ALL FINISHED GRADING ELEVATIONS SHALL MATCH EXISTING ELEVATIONS AT THE SITE'S BOUNDARY, EXCEPT AS SHOWN OTHERWISE IN THE GRADING PLAN. WHERE CONFLICTS EXIST, THE CONTRACTOR SHALL NOTIFY THE OWNER TO RESOLVE THE ISSUE PRIOR TO PROCEEDING.
 - NO QUANTITIES HAVE BEEN CALCULATED TO DETERMINE VOLUMES OF EXCAVATION AND EMBANKMENT ON THIS PROJECT.
 - GRADING: ALL GRADING SHALL BE LIMITED TO THE AREAS IDENTIFIED IN THE GRADING PLAN AND SHALL NOT INFRINGE ON ADJACENT OWNERSHIPS.
 - CUT SLOPES IN SOLID ROCK SHALL NOT EXCEED 1/2 : 1 (HORIZONTAL: VERTICAL), AND SOIL CUT SLOPES SHALL NOT EXCEED 2 : 1 (HORIZONTAL: VERTICAL), EXCEPT AS SHOWN OTHERWISE IN THE PLANS.
 - FILL SLOPES ACROSS THE PROPERTY SHOULD BE DESIGNED FOR A MAXIMUM SLOPE OF 2 : 1 (HORIZONTAL: VERTICAL), EXCEPT AS SHOWN OTHERWISE IN THE PLANS.
 - FORM AND SUBGRADE INSPECTION BY THE INSPECTOR IS REQUIRED BEFORE POURING CONCRETE. TWENTY-FOUR HOURS NOTICE IS REQUIRED FOR FORM INSPECTION.

- ### ROAD NOTES:
- ALL CURB AND GUTTER, STREET GRADES, SIDEWALK, GRADES, AND ANY OTHER VERTICAL AND/OR HORIZONTAL ALIGNMENTS SHALL BE STACKED BY AN ENGINEERING OR SURVEYING FIRM CAPABLE OF PERFORMING SUCH WORK.
 - WHERE NEW ASPHALT JOINS EXISTING, THE EXISTING ASPHALT SHALL BE CUT TO A VERTICAL EDGE AND TACKED WITH ASPHALT EMULSION TYPE CSS-1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. THE NEW ASPHALT SHALL BE FEATHERED BACK OVER EXISTING TO PROVIDE FOR A SEAL AT THE SAWCUT LOCATION AND THE JOINT SEALED WITH GRADE AR-400W PAVING ASPHALT.
 - COMPACTION OF SUBGRADE, ROCK, AND ASPHALT SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

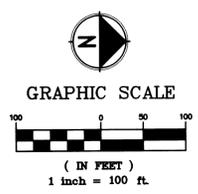


Richard A. Vandewort 4-11-06
 DEVELOPER DATE

ASSUMED BASIS OF BEARING
 THE BEARING OF S87°48'10"W ALONG THE SOUTH LINE OF SECTION 5, TOWNSHIP 26 N., RANGE 43 E, W.M.

ASSUMED BASIS OF ELEVATION
 FND. "X" ON CONCRETE LIGHT POLE BASE ON NW CORNER OF SR 395 AND HASTINGS ROAD. ELEVATIONS= (NAVD 88 EL= 1775.28).

CONTRACTOR NOTE
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PREPARED BY: **DCI ENGINEERS**
 D'AMATO CONVERSANO INC.
 601 WEST BREVILLE - SUITE 800 - PHOENIX, AZ 85004
 SPOKANE, WASHINGTON 99201 - PHONE: (509) 465-1448 - FAX: (509) 465-1462
 CIVIL / STRUCTURAL

SIGNATURE:

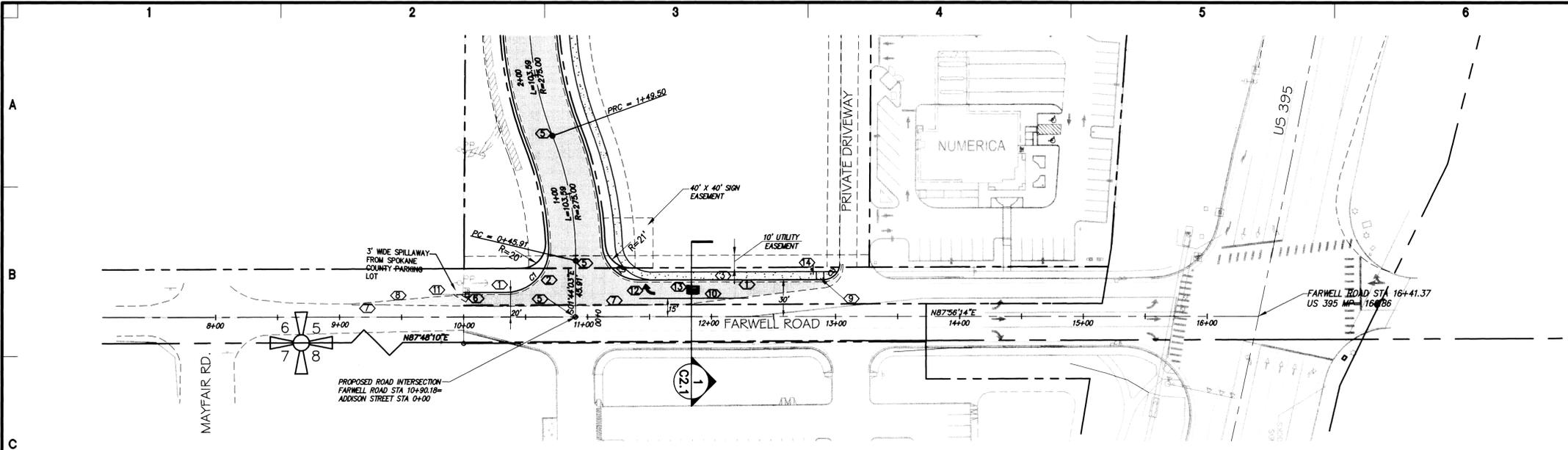
REVISIONS:
 4-7-06 COUNTY COMMENTS

APPROVALS:
 Job No.: 04-02-06T
 Proj. Manager: DAS
 Drawn: JFS
 Reviewed: ARR
 Dwg. Chk.: WMS
 Date: 3/24/06
 Scale: 1" = 100'

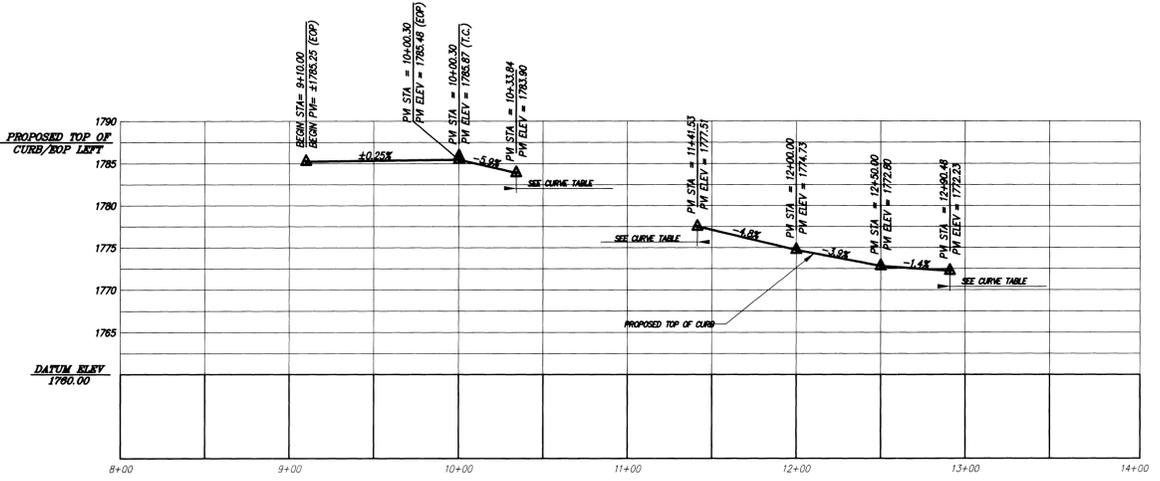
PROJECT TITLE:
ADDISON STREET
SPOKANE COUNTY, WA
BSP 0101-05

SHEET TITLE:
 ROAD PLAN OVERVIEW

SHEET NO.: **C2.0**



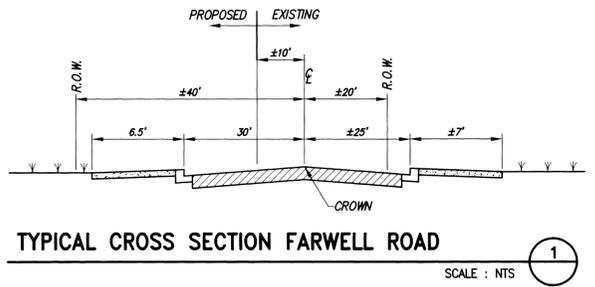
- REFERENCE NOTES:**
- ① TYPE "B" CURB AND GUTTER PER DETAIL 1/C3.1.
 - ② ASPHALT CONCRETE PAVEMENT SECTION PER DETAIL 1/C3.0.
 - ③ 6" WIDE CONCRETE SIDEWALK PER DETAIL 2/C3.0.
 - ④ NOT USED.
 - ⑤ MONUMENT CASE AND COVER PER DETAIL 3/C3.0.
 - ⑥ COORDINATE WITH LOCAL UTILITY PUYEVOR FOR RELOCATION OF ABOVE GROUND UTILITY STRUCTURES.
 - ⑦ SAWCUT EDGE OF EXISTING PAVEMENT IN PREPARATION FOR NEW PAVING.
 - ⑧ 11:1 TAPER PROPOSED EOP INTO EXISTING EOP.
 - ⑨ CURB RAMP PER DETAIL 5/C3.0.
 - ⑩ 8" WIDE WHITE STRIPING LINE. STA 11+41.53 TO STA 12+29.68, CENTERED 15' LEFT OF CENTERLINE.
 - ⑪ COORDINATE WITH SPOKANE COUNTY FOR RELOCATION OF EXISTING FENCE.
 - ⑫ TRAFFIC ARROW PER DETAIL 6/C3.0. CENTER OF ARROW SHALL BE LOCATED AT STA 11+45.53, 22.5' LEFT OF CENTERLINE.
 - ⑬ WHITE "ONLY" ELONGATED LETTER WORD PAVEMENT MARKING 8" TALL PER MUTCD. CENTER OF TEXT SHALL BE LOCATED AT STA 11+85.53, 22.5' LEFT OF CENTERLINE.
 - ⑭ INSTALL "RIGHT LANE MUST TURN RIGHT" SIGN PER MUTCD STANDARD SIGN R3-7 AT STATION 13+25.



CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	56.25	35.00	92°04'35"
C2	47.02	30.00	90°32'40"
C3	19.87	12.95	87°53'38"

CURB ELEVATIONS (T.O.C.)			
CURVE	PC	1/2 Δ	PT
C1	1783.90	1781.61	1779.31
C2	1779.30	1778.41	1777.51
C3	1772.22	1771.55	1770.87

PROFILE
 HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 10'



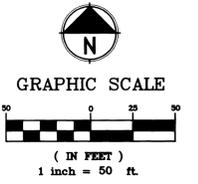
Richard A. Vandeventer
 DEVELOPER DATE 4-11-06

ASSUMED BASIS OF BEARING

THE BEARING OF S87°48'10"W ALONG THE SOUTH LINE OF SECTION 5, TOWNSHIP 26 N., RANGE 43 E, W.M.

ASSUMED BASIS OF ELEVATION

FND. "X" ON CONCRETE LIGHT POLE BASE ON NW CORNER OF SR 395 AND HASTINGS ROAD. ELEVATIONS= (NAVD 88 EL= 1775.28).

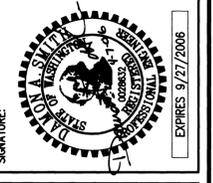


CONTRACTOR NOTE

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PREPARED BY:
DCI ENGINEERS
 D'AMATO CONVERSANO INC.
 501 WEST RIVERSE - SUITE 600
 SPOKANE, WASHINGTON 99201
 PHONE: (509)465-4448
 FAC: (509)465-1462
 CIVIL / STRUCTURAL



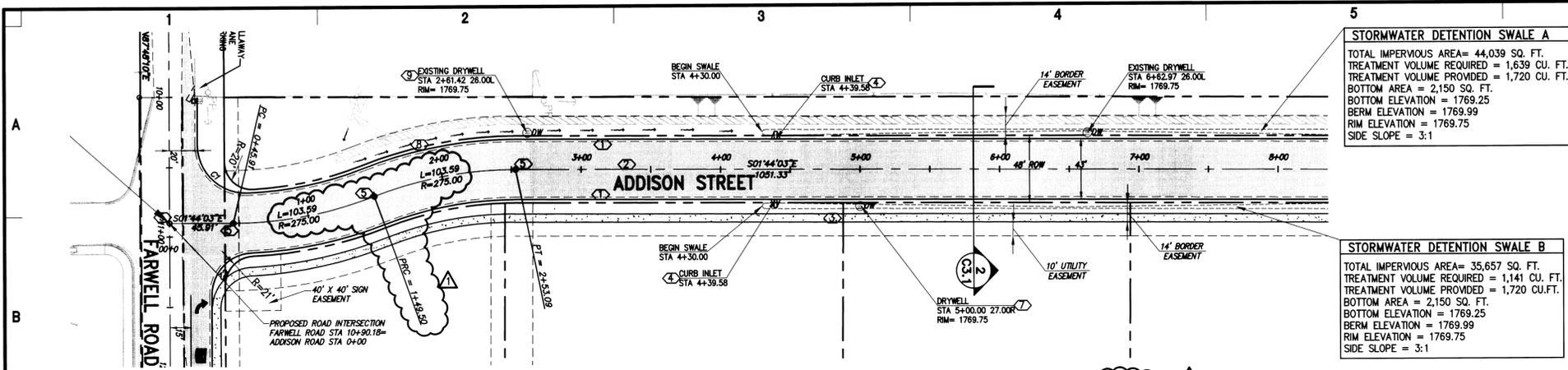
REVISIONS:
 4-7-06 COUNTY COMMENTS

APPROVALS:
 Job No.: 04-12-067
 Proj. Manager: DMS
 Drawn: JFS
 Reviewed: AFR
 Dwg. Chk.: WMG
 Date: 3/24/06
 Scale: 1" = 50'

ADDISON STREET
SPOKANE COUNTY, WA
BSP 0101-05

PROJECT TITLE:
FARWELL ROAD
PLAN & PROFILE

SHEET NO.:
C2.1

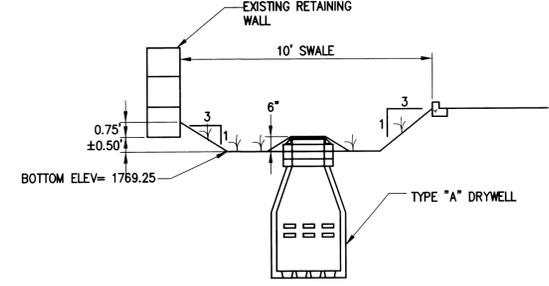


STORMWATER DETENTION SWALE A
 TOTAL IMPERVIOUS AREA = 44,039 SQ. FT.
 TREATMENT VOLUME REQUIRED = 1,639 CU. FT.
 TREATMENT VOLUME PROVIDED = 1,720 CU. FT.
 BOTTOM AREA = 2,150 SQ. FT.
 BOTTOM ELEVATION = 1769.25
 BERM ELEVATION = 1769.99
 RIM ELEVATION = 1769.75
 SIDE SLOPE = 3:1

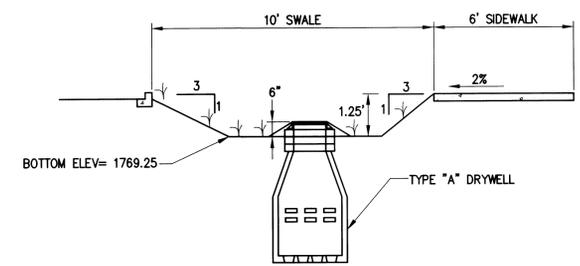
STORMWATER DETENTION SWALE B
 TOTAL IMPERVIOUS AREA = 35,657 SQ. FT.
 TREATMENT VOLUME REQUIRED = 1,141 CU. FT.
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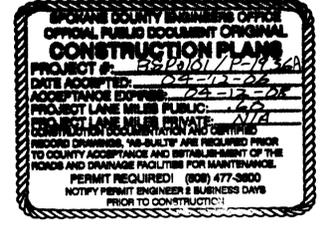
TYPICAL WEST SWALE CROSS-SECTION
 SCALE: NTS



TYPICAL EAST SWALE CROSS-SECTION
 SCALE: NTS

REFERENCE NOTES:

- ① TYPE "B" CURB AND GUTTER PER DETAIL 1/C3.1.
- ② ASPHALT CONCRETE PAVEMENT SECTION PER DETAIL 1/C3.0.
- ③ 6' WIDE CONCRETE SIDEWALK PER DETAIL 2/C3.0.
- ④ CURB INLET TYPE 1 PER DETAIL 4/C3.0.
- ⑤ MONUMENT CASE AND COVER PER DETAIL 3/C3.0.
- ⑥ NOT USED.
- ⑦ TYPE "A" DRYWELL PER DETAIL 6/C3.1.
- ⑧ WHERE ELEVATION DIFFERENCE BETWEEN CURB AND RETAINING WALL DOES NOT ALLOW FOR WALL DRAINAGE PIPE TO DAYLIGHT INTO SWALE, WALL DRAINAGE PIPE SHALL BE TIGHTLINED TO DRYWELL AND LANDSCAPING SHALL SLOPE AWAY FROM WALL. SEE DETAIL 7/C3.1.
- ⑨ ADJUST EXISTING DRYWELL RIM AS NECESSARY.



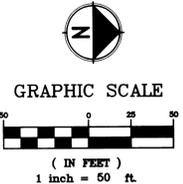
Richard Vandenberg 4-14-06
 DEVELOPER DATE

ASSUMED BASIS OF BEARING

THE BEARING OF S87°48'10"W ALONG THE SOUTH LINE OF SECTION 5, TOWNSHIP 26 N., RANGE 43 E, W.M.

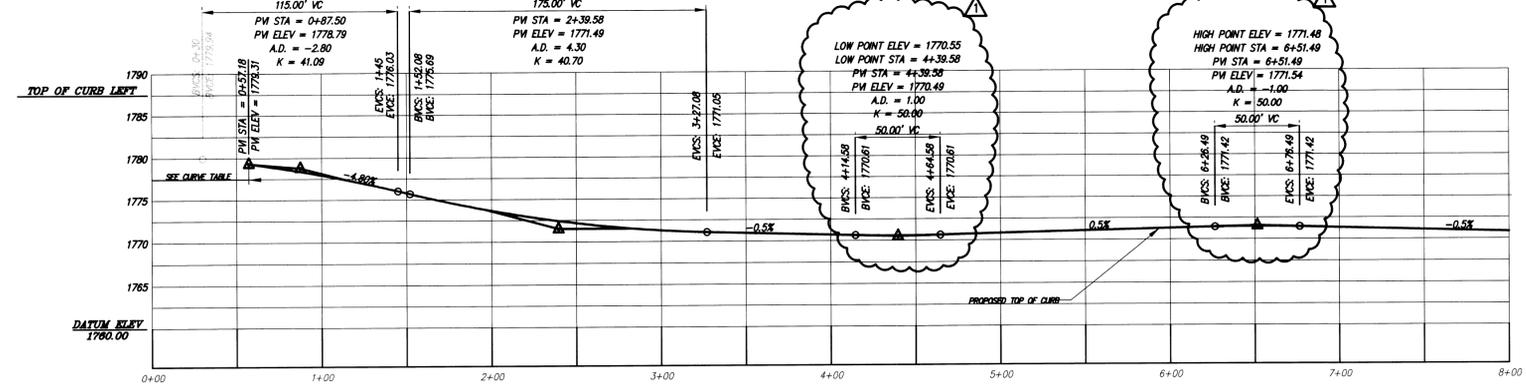
ASSUMED BASIS OF ELEVATION

FN.D. "X" ON CONCRETE LIGHT POLE BASE ON NW CORNER OF SR 395 AND HASTINGS ROAD. ELEVATIONS = (NAVD 88 EL = 1775.28).

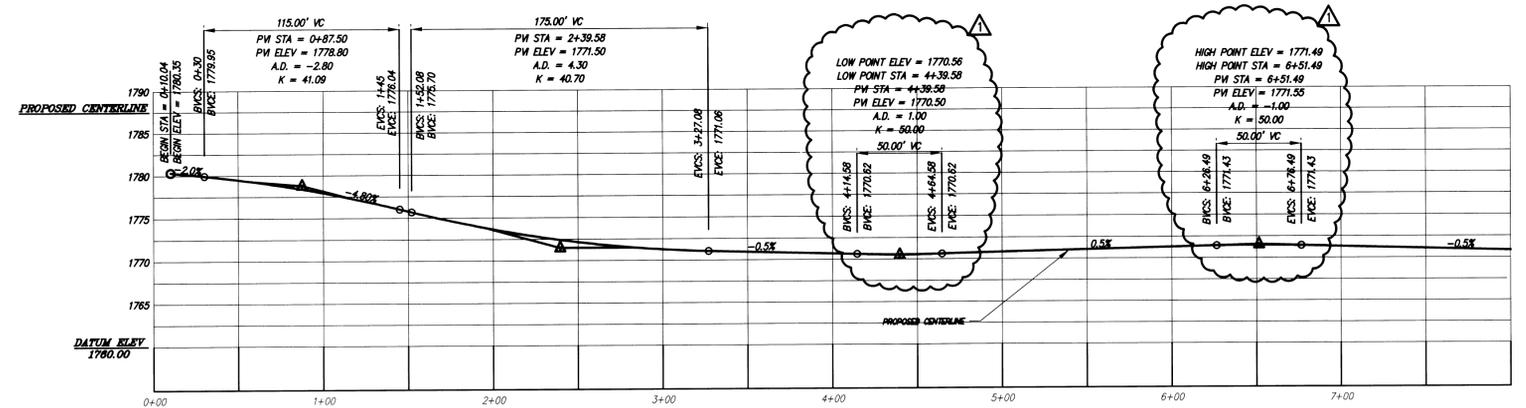


CONTRACTOR NOTE

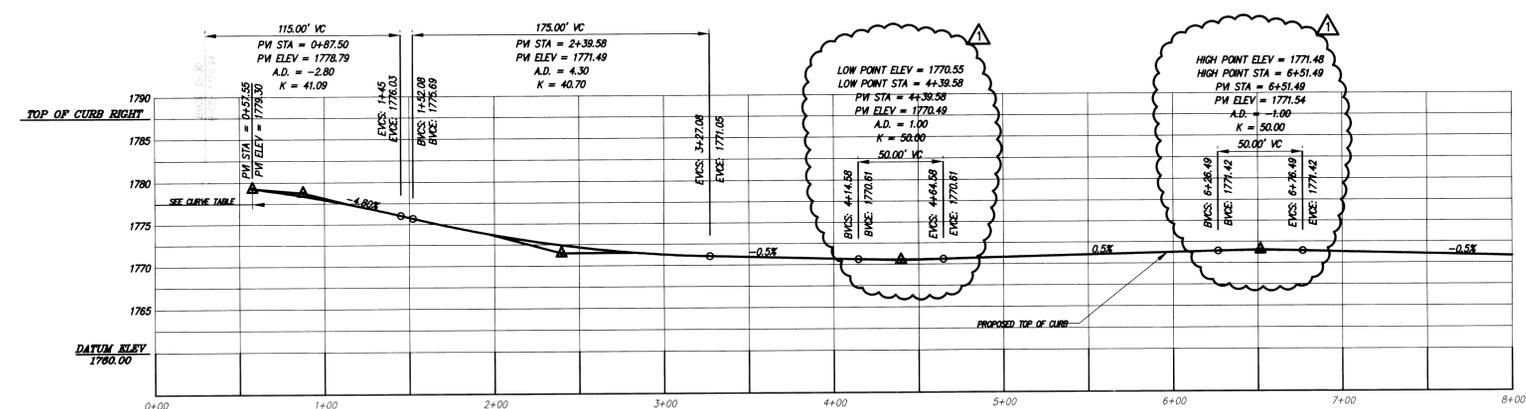
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PROFILE
 HORIZONTAL: 1" = 50'
 VERTICAL: 1" = 10'

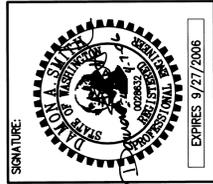


PROFILE
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PROFILE
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DCI ENGINEERS
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 601 WEST PINE ST. SUITE 600
 SPOKANE, WASHINGTON 99201
 PHONE: (509) 465-4448
 FAX: (509) 465-7462
 CIVIL / STRUCTURAL



PREPARED BY:
 SIGNATURE:
 REVISIONS:
 4-7-06 COUNTY COMMENTS

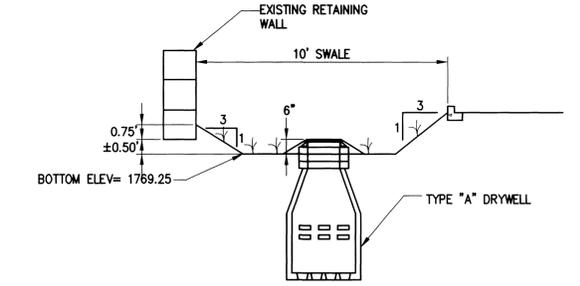
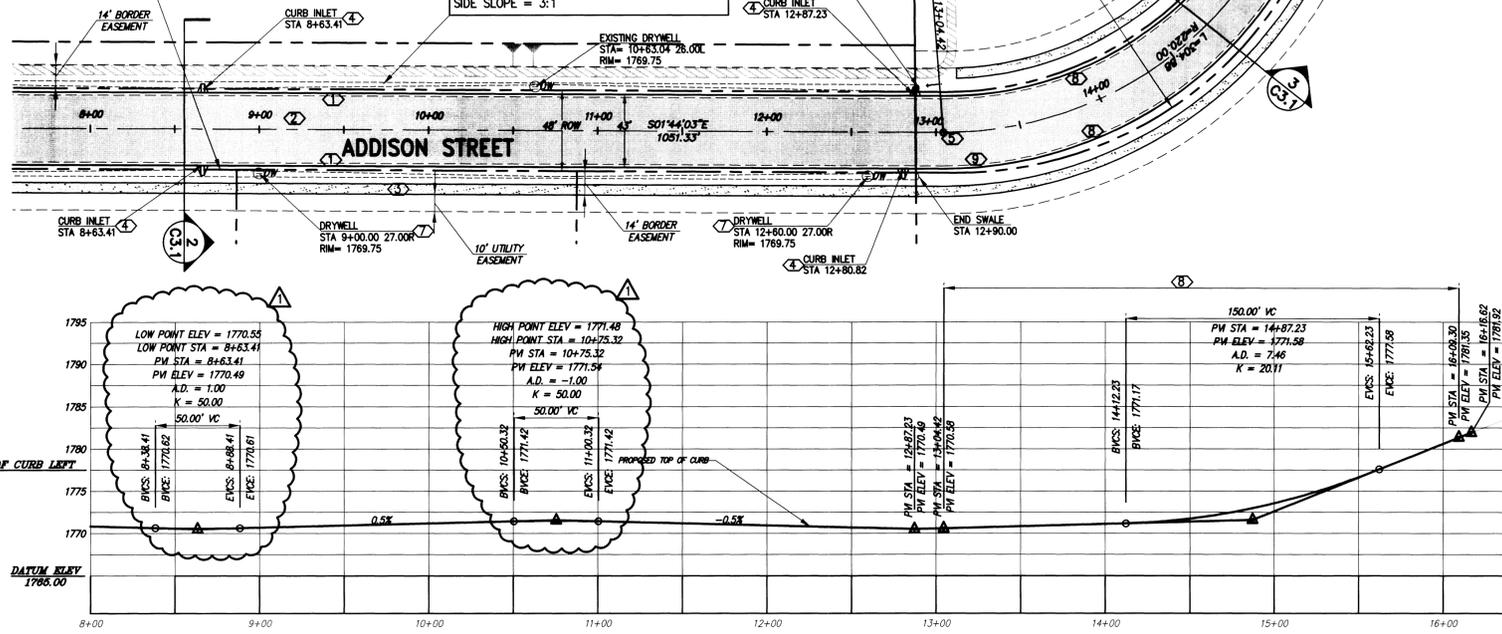
APPROVALS:
 Job No.: 04-42-067
 Pro. Manager: DAS
 Drawn: JFS
 Reviewed: ARR
 Dwg. Chk.: WMG
 Date: 3/24/06
 Scale: 1" = 50'

ADDISON STREET
SPOKANE COUNTY, WA
BSP 0101-05

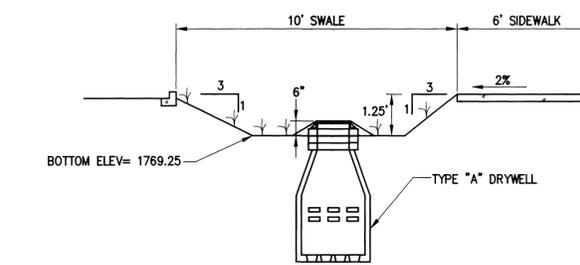
PROJECT TITLE:
 SHEET TITLE:
 ADDISON STREET
 PLAN & PROFILE
 STA 0+00
 TO STA 8+00
 SHEET NO.:
C2.2

STORMWATER DETENTION SWALE B
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 RIM ELEVATION = 1769.75
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 RIM ELEVATION = 1769.75
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TYPICAL WEST SWALE CROSS-SECTION
 SCALE: NTS



TYPICAL EAST SWALE CROSS-SECTION
 SCALE: NTS

PROFILE
 HORIZONTAL: 1" = 50'
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PROFILE
 HORIZONTAL: 1" = 50'
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- ② ASPHALT CONCRETE PAVEMENT SECTION PER DETAIL 1/C3.0.
- ③ 6' WIDE CONCRETE SIDEWALK PER DETAIL 2/C3.0.
- ④ CURB INLET TYPE 1 PER DETAIL 4/C3.0.
- ⑤ MONUMENT CASE AND COVER PER DETAIL 3/C3.0.
- ⑥ NOT USED.
- ⑦ TYPE "A" DRYWELL PER DETAIL 6/C3.1.
- ⑧ TAPER ROADWAY FROM COMMERCIAL TO RESIDENTIAL SECTION BEGINNING AT STA 13+04.42, ENDING AT STA 16+09.30.
- ⑨ TRANSITION FROM 2% CENTER CROWN SECTION TO 2% SUPERELEVATED (LEFT) SECTION OVER 36'. BEGIN STA 12+80.42, END STA 13+16.42. DESIGNED PER AASHTO STANDARDS.
- ⑩ TRANSITION FROM 2% SUPERELEVATED (LEFT) SECTION TO 2% CENTER CROWN SECTION OVER 36'. BEGIN STA 15+97.30, END STA 16+33.30. DESIGNED PER AASHTO STANDARDS.
- ⑪ THE CURB, GUTTER, ROAD AND SIDEWALK INTO NORTH DEVELOPMENT.

ASSUMED BASIS OF BEARING

THE BEARING OF S87°48'10"W ALONG THE SOUTH LINE OF SECTION 5, TOWNSHIP 26 N., RANGE 43 E, W.M.

ASSUMED BASIS OF ELEVATION

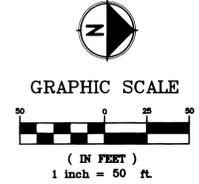
FN.D. "X" ON CONCRETE LIGHT POLE BASE ON NW CORNER OF SR 395 AND HASTINGS ROAD. ELEVATIONS = (NAVD 88 EL = 1775.28).

CONTRACTOR NOTE

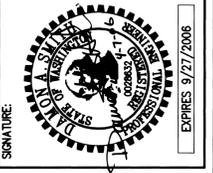
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Richard A. Wanders +1006
 DEVELOPER DATE



PREPARED BY:
DCI ENGINEERS
 D. AMATO, CONSULTANT
 601 WEST PINE ST. SUITE 400
 SPOKANE, WASHINGTON 99201
 PHONE: (509) 455-4448
 FAX: (509) 455-7462
 CIVIL / STRUCTURAL



REVISIONS:
 1-7-06 COUNTY COMMENTS

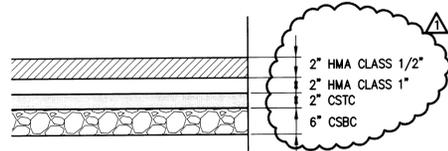
APPROVALS:
 Job No.: 04-02-067
 Proj. Manager: DAS
 Drawn: JFS
 Reviewed: APR
 Dwg. Chk.: WMG
 Date: 3/24/06
 Scale: 1" = 50'

ADDISON STREET
SPOKANE COUNTY, WA
BSP 0101-05

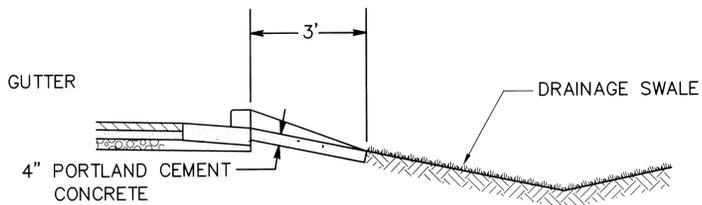
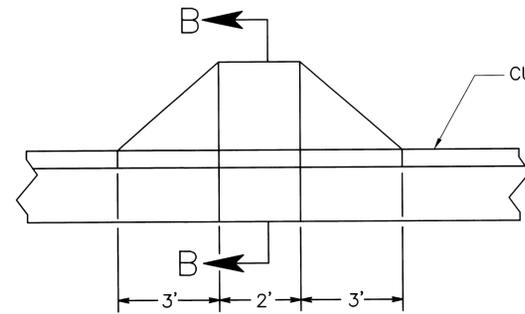
PROJECT TITLE:
ADDISON STREET
PLAN & PROFILE
STA 8+00
TO END
 SHEET NO.: **C2.3**

BSP-0101 - P-1936A City Road Drainage

ASPHALT/CONCRETE PAVEMENT SECTION



SCALE : NTS



SECTION B-B

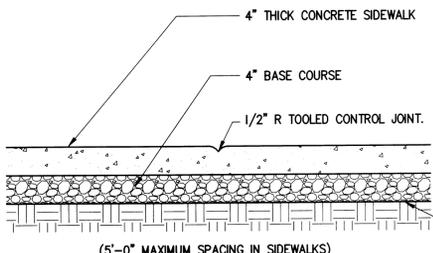
GENERAL NOTES

- CURB INLET SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (AASHTO M 199) & ASTM C 890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE PROJECT SPECIAL PROVISIONS.
- TOP SURFACE TO BE BROOM FINISHED.
- ALL EXTERNAL EDGES NOT LABELED SHALL BE TROWELLED WITH 1/4" RADIUS EDGER.

CURB INLET TYPE 1

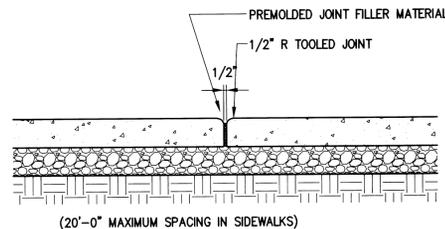
SPOKANE COUNTY STANDARD PLAN B-8

SCALE : NTS



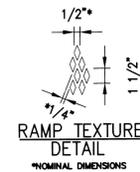
TYP. CONTROL JOINT

TYPICAL SIDEWALK DETAIL

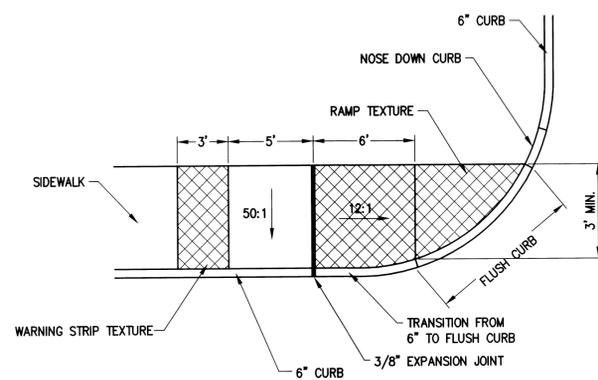


TYP. EXPANSION JOINT

SCALE : NTS



RAMP TEXTURE DETAIL



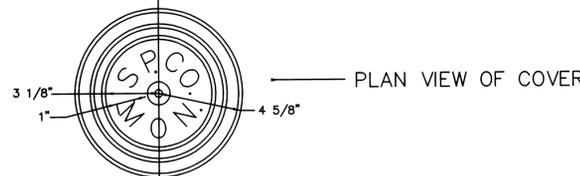
GENERAL NOTES

- RAMP TEXTURING IS TO BE DONE WITH AN EXPANDED METAL GRID PLATE AND REMOVED FROM WET CONCRETE TO LEAVE A DIAMOND PATTERN AS SHOWN. THE LONG AXIS OF THE DIAMOND PATTERN SHALL BE 1/8" DEEP AND 1/4" WIDE.
- CURB RAMPS SHALL BE POURED INTEGRALLY WITH SIDEWALK AND SHALL BE ISOLATED BY EXPANSION JOINT MATERIAL ON ALL SIDES, EXCEPT AT THE SIDE ADJACENT TO THE ROADWAY.

CURB RAMP

SCALE : NTS

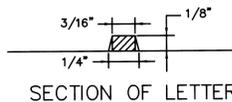
NOTE: SUBGRADE AND BASE COURSE MUST BE PROPERLY COMPACTED TO PREVENT FUTURE DIFFERENTIAL SETTLING OF SIDEWALK.



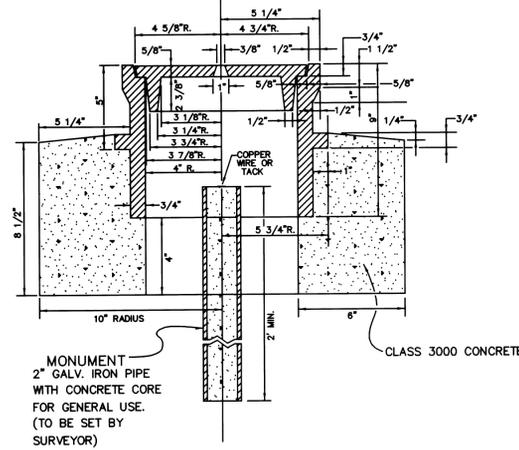
PLAN VIEW OF COVER

GENERAL NOTES

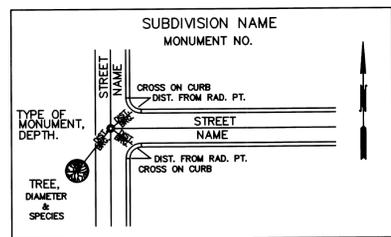
- THE CASTINGS SHALL BE GREY IRON CASTINGS, AASHTO DESIGNATION M-105, CLASS 30B. THE COVER AND SEAT SHALL BE MACHINED SO AS TO HAVE CONTACT AROUND THE ENTIRE CIRCUMFERENCE AND FULL WIDTH OF BEARING SURFACE.
- WHEN THE MONUMENT CASE AND COVER ARE PLACED IN CEMENT CONCRETE PAVEMENT THE CONCRETE BASE IS NOT NEEDED.
- A RECORD OF REFERENCES TO SURVEY POINTS SHALL BE SUBMITTED TO THE COUNTY ENGINEERS OFFICE AS SHOWN ON SAMPLE.



SECTION OF LETTER



SECTION

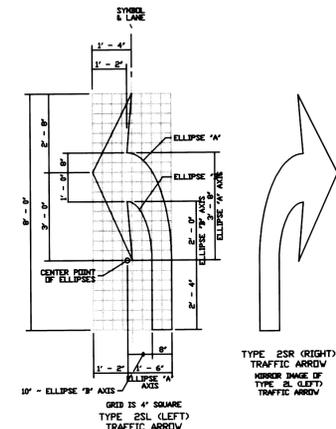


SAMPLE REFERENCE CARD

MONUMENT CASE AND COVER

SPOKANE COUNTY STANDARD PLAN A-14

SCALE : NTS



TRAFFIC ARROWS

WSDOT STANDARD PLAN M-24.40-00

SCALE : NTS

CONTRACTOR NOTE

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UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT # 3821017-136A
DATE ACCEPTED: 02-12-06
ACCEPTANCE EXPIRES: 02-12-08
PROJECT LANE MILES PUBLIC: 0.0
PROJECT LANE MILES PRIVATE: 0.0
CONSTRUCTION DESIGN CHECK AND CERTIFIED RECORD DRAWINGS. AS-BUILT ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROAD AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (800) 477-8800
NOTIFY PERMIT ENGINEER 1 BUSINESS DAY PRIOR TO CONSTRUCTION!

DCI ENGINEERS
D. AMATO CONVERSANO INC.
601 WEST RIVERSE - SUITE 600
SPOKANE, WASHINGTON 99201
PHONE: (509) 465-4448
FAX: (509) 465-7462
CIVIL / STRUCTURAL

PROFESSIONAL ENGINEER
D. AMATO CONVERSANO
SPOKANE, WASHINGTON
EXPIRES 9/27/2006

REVISIONS:

NO.	DATE	DESCRIPTION

APPROVALS:

Job No.:	Proj. Manager:	Drawn:	Reviewed:	Dwg. Chk.:	Date:	Scale:
04-42-087	DAS	JFS	ARR	MMG	3/24/06	N/A

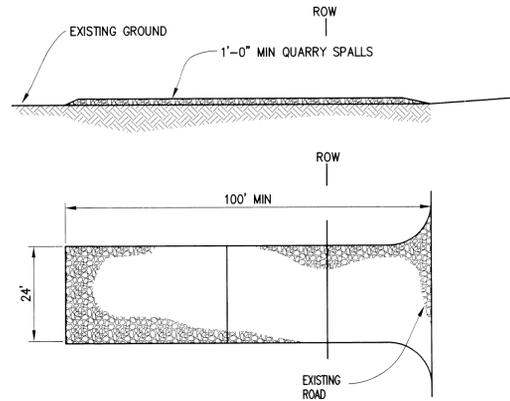
ADDISON STREET
SPOKANE COUNTY, WA
BSP 0101-05

PROJECT TITLE: **DETAILS**

SHEET NO.: **C3.0**

GENERAL NOTES

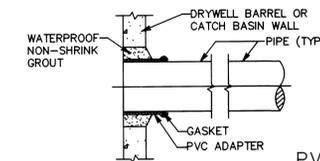
1. PORTLAND CEMENT CONCRETE SHALL BE CLASS 3000 CONFORMING TO THE STANDARD SPECIFICATIONS.
2. WEAKENED PLANE JOINTS FOR PORTLAND CEMENT CONCRETE SHALL BE PLACED AT 15' INTERVALS.
3. 3/8" EXPANSION JOINTS IN PORTLAND CEMENT CONCRETE SHALL BE PLACED AT CURB RETURNS.
4. EPOXY CEMENT SHALL BE APPLIED AT A 10-15 MIL THICKNESS AND SHALL CONFORM TO THE REQUIREMENTS OF SECTION 9-26 OF THE STANDARD SPECIFICATIONS.
5. THE FINISH SHALL BE STEEL TROWELLED TO PROVIDE A DENSE, SMOOTH REFLECTIVE FINISH.
6. TO BE USED ONLY IN SPECIAL CASES WITH APPROVAL OF THE COUNTY ENGINEER.
7. CURBS SHALL HAVE A LIGHT BROOMED FINISH. GUTTERS SHALL BE FINISHED WITH A STEEL TROWEL.



- NOTES:**
1. USE 4" TO 6" QUARRY SPALLS. MATERIAL WITH "FINES" IS NOT ACCEPTABLE.
 2. THE 100' MINIMUM LENGTH SHALL BE LENGTHENED AS NECESSARY TO INSURE MATERIAL IS NOT TRACKED INTO THE PUBLIC RIGHT-OF-WAY.

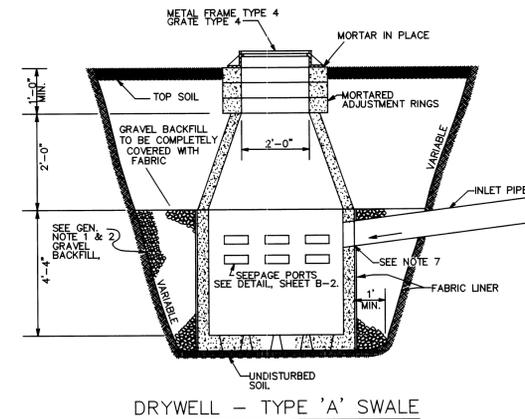
CONSTRUCTION ENTRANCE

SCALE: NTS 5



NOTE:
PVC PIPE ADAPTERS AND GASKET MAY VARY IN SHAPE AND SIZE AS ILLUSTRATED IN DETAIL BY ACCEPTABLE ALTERNATE IN ACCORDANCE WITH A.S.T.M.-C-428.

PVC ADAPTER (SAND COLLAR)



DRYWELL - TYPE 'A' SWALE

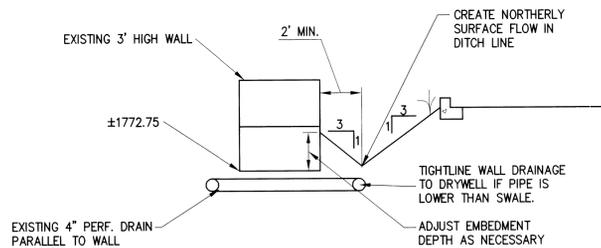
TYPE "A" DRYWELL

SPOKANE COUNTY STANDARD PLAN B-1A

SCALE: NTS 6

GENERAL NOTES

1. GRAVEL BACKFILL QUANTITY FOR DRYWELLS: TYPE "A" - 30 CUBIC YARDS MINIMUM / 42 TONS. TYPE "B" - 40 CUBIC YARDS MINIMUM / 56 TONS. OR AS SPECIFIED ON ROAD PLANS.
2. SPECIAL BACKFILL MATERIAL FOR DRYWELLS SHALL CONSIST OF WASHED GRAVEL GRADED FROM 1" TO 3" WITH A MAXIMUM OF 5% PASSING THE U.S. No. 200 SCREEN, AS MEASURED BY WEIGHT. A MAXIMUM OF 10% OF THE AGGREGATE, AS MEASURED BY WEIGHT, MAY BE CRUSHED OR FRACTURED ROCK. THE REMAINING 90% SHALL BE NATURALLY OCCURRING UNFRACTURED MATERIAL.
3. FABRIC SHALL BE MODERATE SURVIVABILITY AS OUTLINED IN STANDARD SPECIFICATIONS 9-33
4. SEE STANDARD PLANS SHEETS B-2 AND B-3 FOR PRECAST CONCRETE DETAILS.
5. ADJUSTMENT BLOCKS SHALL BE CEMENT CONCRETE.
6. PRECAST RISER MAY BE USED IN COMBINATION WITH OR IN LIEU OF ADJUSTING BLOCKS.
7. WHEN PVC PIPE IS USED A PVC ADAPTER SHALL BE INSTALLED.
8. PIPES SHALL BE GROUTED INTO DRYWELLS.



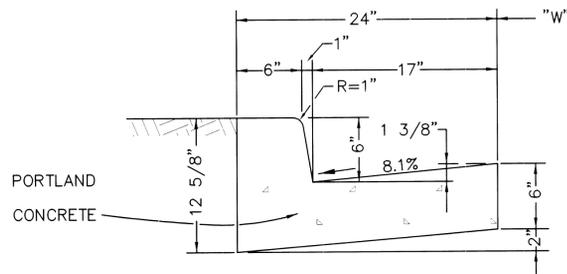
SHORT RETAINING WALL DRAINAGE

SCALE: NTS 7

CONTRACTOR NOTE

ALL EXISTING UTILITIES SHOWN ON PLANS ARE TO BE VERIFIED HORIZONTALLY AND VERTICALLY PRIOR TO ANY CONSTRUCTION. ALL EXISTING FEATURES INCLUDING BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORD MAPS AND SURVEYS FURNISHED BY OTHERS. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS AND SURVEYS. FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO CONSTRUCTION CONTACT THE UTILITY OWNER/AGENCY.

UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG



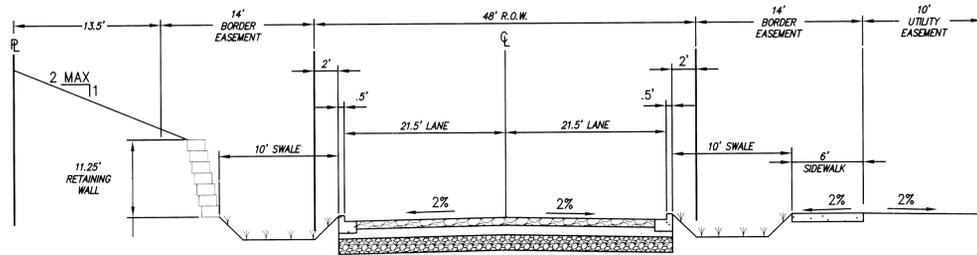
TYPE "B"

QUANTITY = 0.047657 C.Y. / L.F.

TYPE "B" CURB AND GUTTER

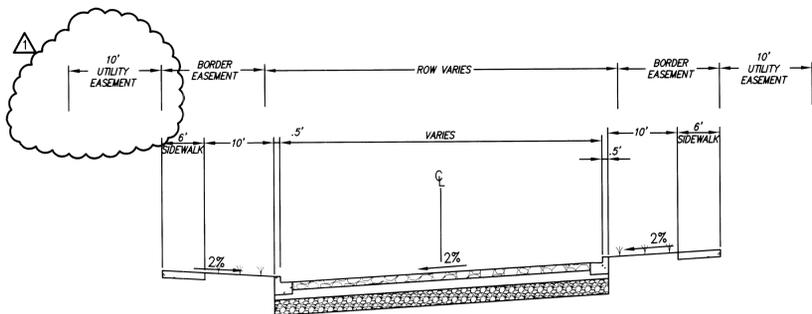
SPOKANE COUNTY STANDARD PLAN A-3

SCALE: NTS 1



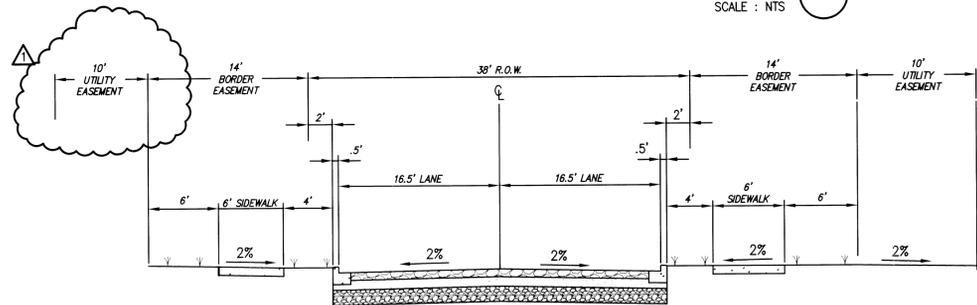
COMMERCIAL ROAD CROSS-SECTION - ADDISON STREET

SCALE: NTS 2



SUPERELEVATED CROSS-SECTION - ADDISON STREET

SCALE: NTS 3



RESIDENTIAL ROAD CROSS-SECTION - ADDISON STREET

SCALE: NTS 4

DCI ENGINEERS
D'AMATO CONVERSANO INC.
601 WEST RIVERBIDE - SUITE 600
SPOKANE, WASHINGTON 99201
PHONE: (509)465-4448
FAX: (509)465-1492
CIVIL / STRUCTURAL

PREPARED BY: [Signature]

DATE: 04-12-07

PROJECT TITLE: **ADDISON STREET**
SPOKANE COUNTY, WA
BSP 0101-05

SHEET TITLE: **DETAILS**

SHEET NO. **C3.1**

EXPIRES 9/27/2016

APPROVALS:

Job No.:	04-12-07
Proj. Manager:	DAS
Drawn:	JFS
Reviewed:	ARR
Dwg. Chk.:	WMG
Date:	3/24/06
Scale:	N/A

REVISIONS:

4-7-06	COUNTY COMMENTS
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