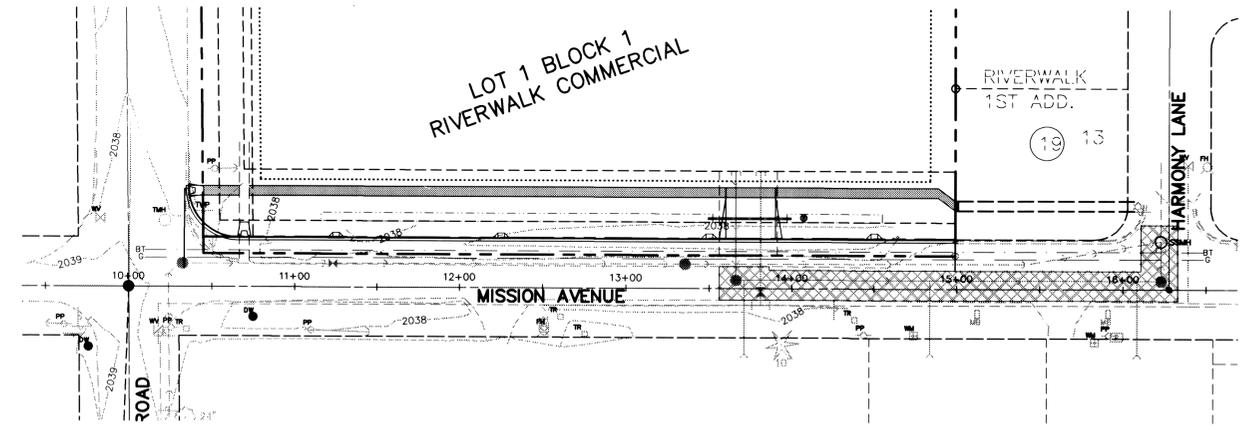
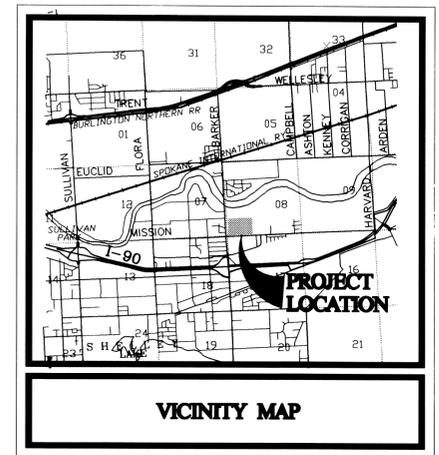


# COVER SHEET FOR RIVERWALK COMMERCIAL SITE

STREET AND DRAINAGE PLANS  
SEC. 8, T. 25 N., R. 45 E, W.M.  
SPOKANE COUNTY, WASHINGTON



### GENERAL NOTES

1. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION OF SITE IMPROVEMENTS SHALL MEET OR EXCEED SITE WORK STANDARDS AND THE STANDARDS AND SPECIFICATIONS SET FORTH IN COUNTY REGULATIONS AND APPLICABLE STATE AND FEDERAL REGULATIONS. WHERE THERE IS CONFLICT BETWEEN THESE PLANS AND THE SPECIFICATIONS OR ANY APPLICABLE STANDARDS, THE HIGHER QUALITY STANDARD SHALL APPLY. ALL WORK WITHIN PUBLIC R.O.W. OR EASEMENTS SHALL BE INSPECTED AND APPROVED BY THE COUNTY INSPECTOR. INSPECTION SERVICES AND CONSTRUCTION CERTIFICATION TO BE PROVIDED BY ENGINEER OF RECORD.
2. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS, IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY PERTINENT LOCATIONS AND ELEVATIONS ESPECIALLY AT THE CONNECTION POINTS AND AT POTENTIAL UTILITY CONFLICTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM ALL APPLICABLE AGENCIES. THE CONTRACTOR SHALL NOTIFY THE SPOKANE COUNTY INSPECTOR AT LEAST 48 HOURS PRIOR TO THE START OF ANY EARTH DISTURBING ACTIVITY OR CONSTRUCTION ON ANY AND ALL PUBLIC IMPROVEMENTS.
4. THE CONTRACTOR SHALL COORDINATE AND COOPERATE SPOKANE COUNTY AND ALL UTILITY COMPANIES INVOLVED WITH REGARD TO RELOCATIONS OR ADJUSTMENTS OF EXISTING UTILITIES DURING CONSTRUCTION AND TO ASSURE THAT THE WORK IS ACCOMPLISHED IN A TIMELY FASHION AND WITH A MINIMUM DISRUPTION OF SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL PARTIES AFFECTED BY ANY DISRUPTION OF ANY UTILITY SERVICE.
5. THE CONTRACTOR SHALL HAVE ONE (1) SIGNED COPY OF THE APPROVED PLANS, ONE (1) COPY OF THE APPROPRIATE STANDARDS AND SPECIFICATIONS, AND A COPY OF ANY PERMITS AND EXTENSION AGREEMENTS NEEDED FOR THE JOB ON-SITE AT ALL TIMES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY INCLUDING, BUT NOT LIMITED TO EXCAVATION, TRENCHING, SHORING, TRAFFIC CONTROL, AND SECURITY.
7. IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED BY THE CONTRACTOR, HIS SUBCONTRACTORS, OR OTHER AFFECTED PARTIES, WHICH COULD INDICATE A SITUATION THAT IS NOT IDENTIFIED IN THE PLANS OR SPECIFICATIONS THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
8. ALL REFERENCES TO ANY PUBLISHED STANDARDS SHALL REFER TO THE LATEST REVISION OF SAID STANDARD UNLESS SPECIFICALLY STATED OTHERWISE.
9. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH M.U.T.C.D. TO THE APPROPRIATE RIGHT-OF-WAY AUTHORITY FOR APPROVAL PRIOR TO ANY CONSTRUCTION ACTIVITIES WITHIN OR AFFECTING THE RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ANY AND ALL TRAFFIC CONTROL DEVICES AS MAY BE REQUIRED BY THE CONSTRUCTION ACTIVITIES.
10. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR AND MATERIALS NECESSARY FOR THE COMPLETION OF THE INTENDED IMPROVEMENTS SHOWN ON THESE DRAWINGS OR DESIGNATED TO BE PROVIDED, INSTALLED, CONSTRUCTED, REMOVED AND RELOCATED UNLESS SPECIFICALLY NOTED OTHERWISE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION DEBRIS AND DIRT TRACKED FROM THE SITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RECORDING RECORD INFORMATION ON A SET OF RECORD DRAWINGS KEPT AT THE CONSTRUCTION SITE AND AVAILABLE TO THE SPOKANE COUNTY INSPECTOR AT ALL TIMES.
13. DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN CONTACT THE CONSULTANT ENGINEER FOR CLARIFICATION AND ANNOTATE THE DIMENSION ON THE RECORD DRAWINGS.
14. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED AT THE LIMITS OF CONSTRUCTION PRIOR TO ANY OTHER GROUND-DISTURBING ACTIVITY. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD REPAIR BY THE CONTRACTOR UNTIL SUCH TIME AS THE ENTIRE DISTURBED AREAS ARE STABILIZED WITH HARD SURFACE OR LANDSCAPING.
15. THE CONTRACTOR SHALL SEQUENCE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO MINIMIZE POTENTIAL UTILITY CONFLICTS. IN GENERAL, STORM SEWER AND SANITARY SEWER SHOULD BE CONSTRUCTED PRIOR TO INSTALLATION OF WATER LINES AND DRY UTILITIES.
16. ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY IS SUBJECT TO THE JURISDICTION OF THE SPOKANE COUNTY ENGINEERING DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS.
17. THE CONTRACTOR SHALL SUBMIT A PHASING PLAN FOR ALL WORK IN PUBLIC ROADS AND R.O.W.'S TO SPOKANE COUNTY BEFORE BEGINNING ANY WORK ON THESE ROADS. CONTRACTOR SHALL BEGIN WORK ONLY AFTER SPOKANE COUNTY APPROVES THE PHASING PLAN AND A PRECONSTRUCTION MEETING IS HELD BETWEEN SPOKANE COUNTY, THE ENGINEER AND THE CONTRACTOR.
18. ALL OPERATIONS CONDUCTED ON THE PREMISES INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT AND ANY OTHER ASSOCIATED EQUIPMENT SHALL GENERALLY BE LIMITED TO THE PERIOD BETWEEN 6:00 A.M. AND 10:00 P.M. EVERYDAY UNLESS OTHERWISE APPROVED BY SPOKANE COUNTY.
19. BASED ON A REQUIREMENT FROM A LOCAL JURISDICTION THE ENGINEER OR HIS DESIGNEE SHALL PERFORM MATERIALS TESTING AND QUALITY CONTROL ON THE PROJECT AND SHALL SUBMIT COPIES OF DAILY REPORTS, TEST REPORTS, PROJECT CERTIFICATION AND RECORD DRAWINGS TO THE SPOKANE COUNTY ENGINEER.
20. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE SPOKANE COUNTY ENGINEER AND NOTIFICATION OF THE ENGINEER OF RECORD.
21. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL UTILITY RELOCATIONS CONSISTENT WITH THE CONTRACTORS SCHEDULE FOR THIS PROJECT, WHETHER SHOWN OR NOT SHOWN, AS IT RELATES TO THE CONSTRUCTION ACTIVITIES CONTEMPLATED IN THESE PLANS.

TABLE OF CONTENTS	
COVER SHEET	SHEET 1
PROJECT OVERVIEW	SHEET 2
DRAINAGE PLAN AND NOTES	SHEET 3
MISSION AVENUE STA. 10+33.43 TO STA. 14+98.97	SHEET 4
EROSION CONTROL PLAN	SHEET 5
CHANNELIZATION PLAN	SHEET 6

**SPOKANE COUNTY ENGINEERS OFFICE**  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**

PROJECT #: P-1914K

DATE ACCEPTED: 02-07-03

ACCEPTANCE EXPIRES: 02-07-03

PROJECT LANE MILES PUBLIC: 0.9

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

**DEVELOPER'S APPROVAL**

THE UNDERSIGNED DEVELOPER OR HIS ASSIGNS AGREES TO CONSTRUCT IMPROVEMENTS IN ACCORDANCE WITH THIS PLAN, AND UPON COMPLETION, THE DEVELOPER IS RESPONSIBLE FOR SUBMITTING REPRODUCIBLE RECORD DRAWINGS TO BE COMPLETED BY A PROFESSIONAL ENGINEER AND/OR PROFESSIONAL LAND SURVEYOR FOR REVIEW AND APPROVAL BY SPOKANE COUNTY UTILITIES DEPARTMENT AT THE COMPLETION OF CONSTRUCTION.

*Chad E. Mont* 2/4/03  
DEVELOPER'S APPROVAL DATE

THIS CONSTRUCTION PLAN EXPIRES ONE (1) YEAR FROM DATE OF APPROVAL.

RECORD DRAWING APPROVAL (ENGINEER/SURVEYOR) DATE

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

LEGEND		
EXISTING	GENERAL	PROPOSED
---	ROADWAY CENTER LINE	---
---	SECTION LINE	---
---	RIGHT OF WAY LINE	---
---	PROPERTY LINE	---
---	EASEMENT LINE	---
---	FENCE	---
---	CURB	---
---	PAVEMENT	---
---	GRAVEL	---
---	CONCRETE	---
---	BUILDINGS & STRUCTURES	---
---	<b>SANITARY SEWER</b>	---
---	SANITARY SEWER	---
---	MANHOLE	---
---	CLEANOUT	---
---	SEWER SERVICE	---
---	<b>WATER</b>	---
---	WATER LINE	---
---	VALVE	---
---	FIRE HYDRANT	---
---	SERVICE	---
---	METER	---
---	BLOWOFF	---
---	AIR VACUUM RELIEF STATION	---
---	<b>STORM DRAINAGE</b>	---
---	DRAINAGE LINE	---
---	MANHOLE	---
---	DRYWELL	---
---	CATCH BASIN	---
---	DITCH	---
---	<b>NATURAL GAS</b>	---
---	GAS LINE	---
---	VALVE	---
---	METER	---
---	<b>TELEPHONE - POWER</b>	---
---	BURIED TELEPHONE	---
---	POWER OR TELEPHONE POLE	---
---	BURIED POWER	---
---	TRANSFORMER PAD	---
---	TELEPHONE RISER	---
---	TELEPHONE VAULT	---
---	OVERHEAD POWER	---
---	GUY ANCHOR	---
---	POWER VAULT	---
---	LIGHT POLE	---

**NAVD 88**  
BASED ON W.S.D.O.T. POINT 2306. MONUMENT IS A W.S.D.O.T. BRASS CAP SET IN A CONCRETE MONUMENT. MONUMENT IS LOCATED WITHIN THE SULLIVAN ROAD SOUTHBOUND OFF RAMP ON I-90 ELEVATION=2035.67

**UNDERGROUND SERVICE ALERT**  
ONE-CALL NUMBER

**456-8000**

CALL TWO BUSINESS DAYS BEFORE YOU DIG

**CAUTION: NOTICE TO CONTRACTOR**

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*Chad E. Mont* 2/04/03  
DEVELOPER'S APPROVAL DATE

↑ NORTH

0 25' 50'

SCALE: 1" = 50'-0"

**CLC ASSOCIATES**

707 WEST 7TH AVENUE  
SUITE 200  
SPOKANE  
WASHINGTON 99204  
P 509 458 6840  
F 509 458 6844  
CLCASSOC.COM

ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
AND SURVEYING

**RIVERWALK COMMERCIAL SITE**

SPOKANE COUNTY  
WASHINGTON

STREET PLANS

EXPIRES 9/24/2004  
PREPARED UNDER THE DIRECT SUPERVISION OF  
TODD R. WHITFIELD, P.E.,  
WASHINGTON  
REGISTRATION NO. 25462  
FOR AND ON BEHALF OF  
CLC ASSOCIATES

DATE DESCRIPTION  
09/30/02 ORIGINAL PREPARATION  
10/02/02 FIRST SUBMITTAL  
12/08/02 SECOND SUBMITTAL  
01/13/03 SUBMITTAL FOR APPROVAL

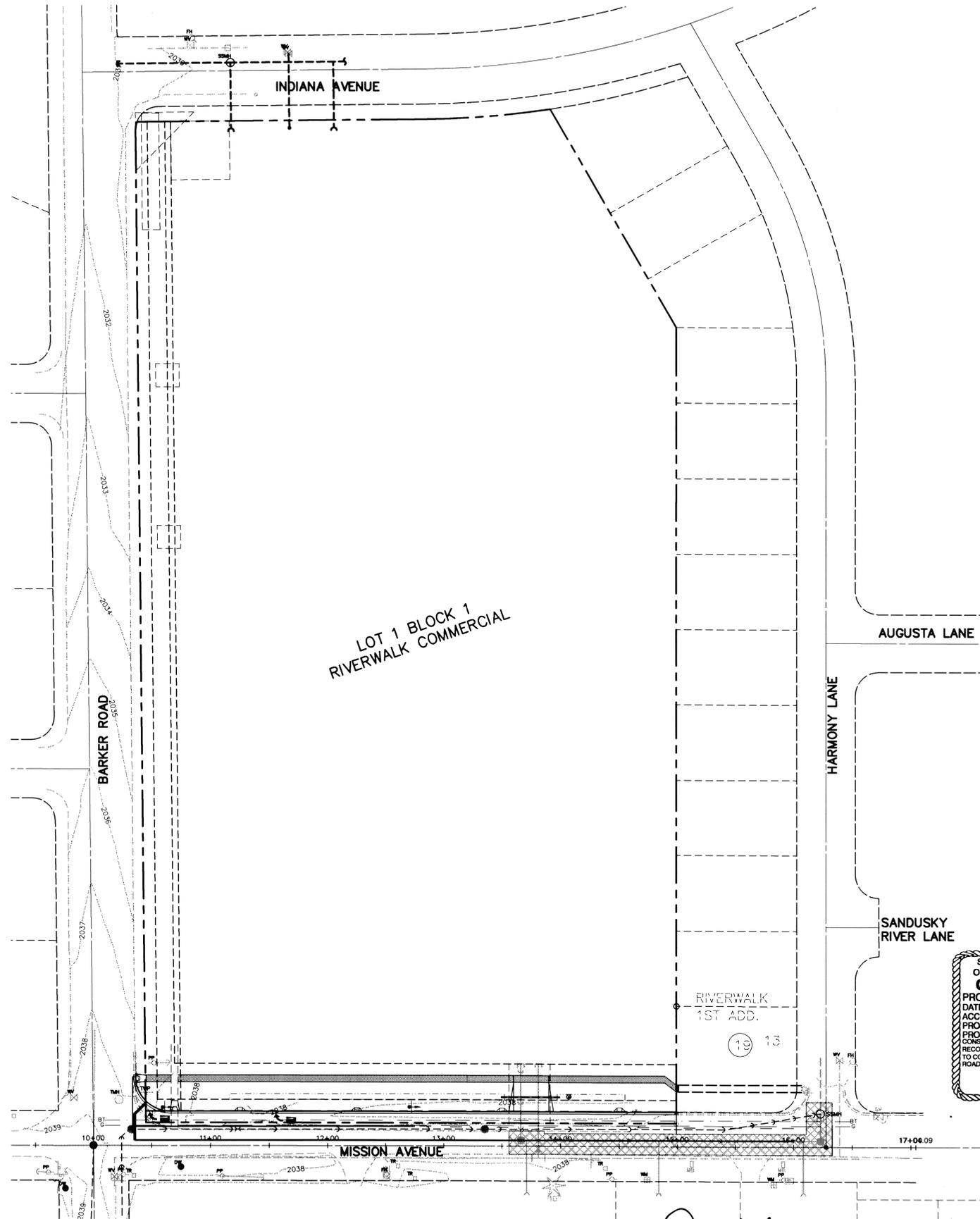
PROJECT # S020317  
DRAWN BY: SIM  
DESIGNED BY: MLK  
CHECKED BY: TRW

**SHEET 1**

P1914K Eng. Road & Drainage

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SEC. 8, T. 25 N., R. 45 E, W.M.  
SPOKANE COUNTY, WASHINGTON



LOT 1 BLOCK 1  
RIVERWALK COMMERCIAL

SPOKANE COUNTY ENGINEERS OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT #: P-1414K  
DATE ACCEPTED: 07-07-23  
ACCEPTANCE EXPIRES: 02-07-25  
PROJECT LANE MILES PUBLIC: 0.27  
PROJECT LANE MILES PRIVATE: 0.27  
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROAD AND DRAINAGE FACILITIES FOR MAINTENANCE.  
PERMIT REQUIRED! (509) 477-3600  
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

NAV 88  
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ONE-CALL NUMBER  
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*Chloe E. West pres*  
DEVELOPER'S APPROVAL

2/04/23  
DATE NORTH  
SCALE: 1" = 50'-0"



CLC ASSOCIATES  
707 WEST 7TH AVENUE SUITE 200  
SPOKANE WASHINGTON 99204  
P 509 458 6140 F 509 458 6844  
CLASBCC.COM  
ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING

STREET PLANS  
**RIVERWALK COMMERCIAL SITE**  
SPOKANE COUNTY WASHINGTON



EXPIRES 9/24/2024  
PREPARED UNDER THE DIRECT SUPERVISION OF TODD R. WHIPPLE, P.E. WASHINGTON REGISTRATION NO. 25462 FOR AND ON BEHALF OF CLC ASSOCIATES

DATE	DESCRIPTION
09/30/02	ORIGINAL PREPARATION
10/02/02	FIRST SUBMITTAL
12/08/02	SECOND SUBMITTAL
01/10/03	SUBMITTAL FOR APPROVAL

PROJECT # : S020317  
DRAWN BY : JME  
DESIGNED BY : MLK  
CHECKED BY : TRW

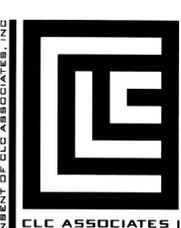
SHEET 2

P1414K City Road Drainage

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SEC. 8, T. 25 N., R. 45 E, W.M.  
SPOKANE COUNTY, WASHINGTON

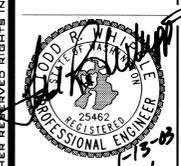
SPOKANE COUNTY ENGINEERS OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT #: P-1414K  
DATE ACCEPTED: 02-07-03  
ACCEPTANCE EXPIRES: 02-07-05  
PROJECT LANE MILES PUBLIC: 0.1  
PROJECT LANE MILES PRIVATE: 0.0  
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.  
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STREET PLANS  
**RIVERWALK COMMERCIAL SITE**  
SPOKANE COUNTY  
WASHINGTON



PREPARED UNDER THE DIRECT SUPERVISION OF  
TODD R. WHIPPLE, P.E.  
WASHINGTON  
REGISTRATION NO. 25462  
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CLC ASSOCIATES

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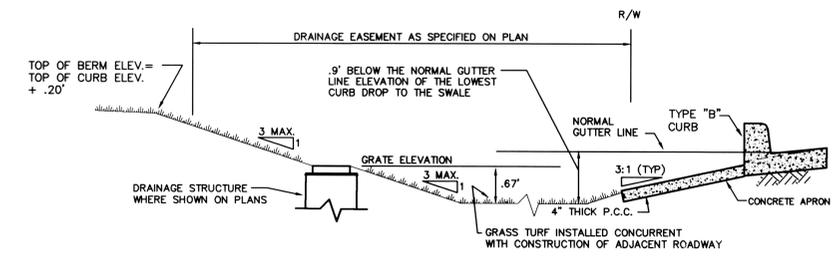
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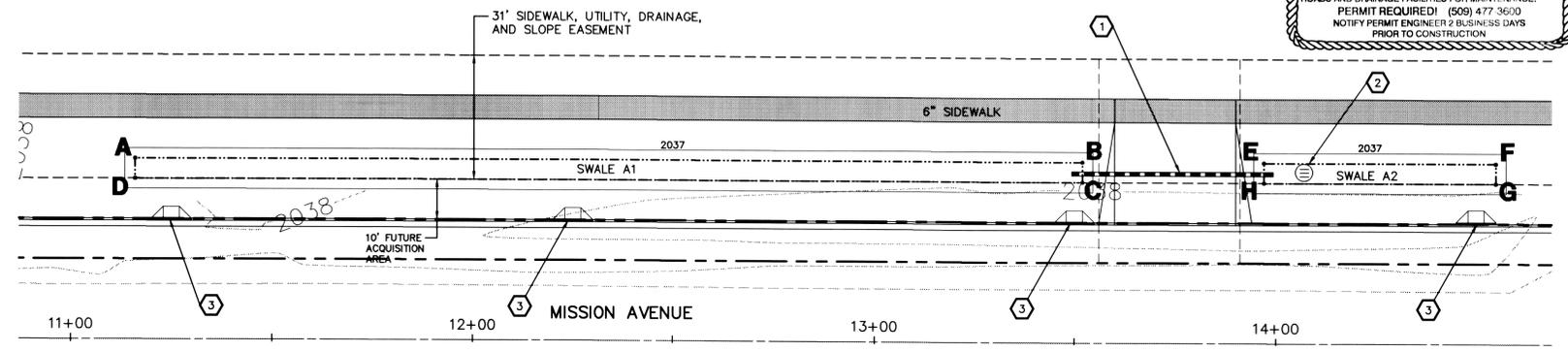
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10/02/02 FIRST SUBMITTAL  
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NOTES:  
PROVIDE FILTER FABRIC (AMOCO 4545 OR EQUAL) BETWEEN THE NATIVE SOIL AND THE WASHED DRAIN ROCK AND BETWEEN THE WASHED DRAIN ROCK AND THE DRYWELL BARREL.

NOTE:  
TEST FOR EACH CATION EXCHANGE CAPACITY AND SOIL ORGANIC MATTER SHALL BE PERFORMED FOR EACH GRASSED PERCOLATION AREA 1500 S.F. OR LESS. AN ADDITIONAL SET OF TESTS MAY BE REQUIRED FOR EACH ADDITIONAL 2000 S.F. OR FRACTION THEREOF. TESTS SHALL BE PERFORMED ON A WELL-MIXED COMPOSITE SAMPLE CONSISTING OF THE TOP 6 INCHES OF SOIL FROM A LEAST 4 CORES UNIFORMLY DISTRIBUTED OVER THE PERCOLATION AREA. OF THE AVERAGE CATION EXCHANGE IS 15 MILLIEQUIVALENTS/100g OR MORE OR THE SOIL IS 2% ORGANIC CARBON OR MORE, THE SOIL WILL BE CONSIDERED SUITABLE FOR STORMWATER TREATMENT.



SWALE A1 DETAIL  
NOT TO SCALE

SWALE BOTTOM LOCATION TABLE MISSION AVENUE		
POINT	STATION	OFFSET
A	11+16	45' LT.
B	13+52	45' LT.
C	13+52	40' LT.
D	11+16	40' LT.

SWALE BOTTOM DIMENSION TABLE	
POINTS	LENGTH
A-B	236'
B-C	5'
C-D	236'
D-A	5'

**POND "A1"**  
FINISHED GRADE SWALE BOTTOM EL = 2036.2  
SWALE BOTTOM AREA PROVIDED = 1180 S.F.  
SWALE BOTTOM AREA REQ'D = 790 S.F.  
MINIMUM BERM ELEV. = 2037.81  
PERIMETER = 482 L.F.  
REQUIRED '208' VOLUME = 525 C.F.  
PROVIDED '208' VOLUME = 1114 C.F.

SWALE A2 DETAIL  
NOT TO SCALE

SWALE BOTTOM LOCATION TABLE MISSION AVENUE		
POINT	STATION	OFFSET
E	13+97	45' LT.
F	14+55	45' LT.
G	14+55	40' LT.
H	13+97	40' LT.

SWALE BOTTOM DIMENSION TABLE	
POINTS	LENGTH
E-F	58'
F-G	5'
G-H	58'
H-E	5'

**POND "A2"**  
FINISHED GRADE SWALE BOTTOM EL = 2036.2  
SWALE BOTTOM AREA PROVIDED = 290 S.F.  
SWALE BOTTOM AREA REQ'D = 0 S.F.  
MINIMUM BERM ELEV. = 2037.81  
PERIMETER = 126 L.F.  
REQUIRED '208' VOLUME = 0 C.F.  
PROVIDED '208' VOLUME = 279 C.F.

- CONSTRUCTION NOTES**
- 50 L.F. OF 12" D.I.P. SD, S=0.0000, I.E.=2036.2.
  - TYPE A DRYWELL WITH METAL FRAME AND SOLID COVER TYPE 4, PER SPOKANE COUNTY STANDARD PLAN B-1A AND B-15. STA. 13+94.96, 76.04' LT., RIM EL.=2038.29.
  - SEE SHEET 4 FOR LOCATIONS OF CURB INLETS TYPE "1".

**STORM DRAINAGE NOTES**

- SEE STREET PLAN AND PROFILE SHEETS FOR DRYWELL AND CATCH BASIN TYPES AND LOCATIONS.
- SWALES SHALL BE CONSTRUCTED PER THE REQUIREMENTS OF THESE DRAWINGS INCLUDING GRADING, SOD, AND DRYWELL INSTALLATION. ALL SWALES WITHIN TRACTS SHALL INCLUDE AN IRRIGATION SYSTEM. ALL IRRIGATION SHALL CONFORM TO SPOKANE COUNTY SWALE IRRIGATION SYSTEM GUIDELINES.
- ALL "208" SWALES SHOWN SHALL BE ROUGH GRADED PRIOR TO PAVING OF ADJACENT ROADWAY.
- CONTRACTOR SHALL PROVIDE SPOKANE COUNTY WITH RECORD IRRIGATION PLANS UPON COMPLETION OF ALL SWALE CONSTRUCTION.
- INSTALL "AMOCO" #4545 FILTER FABRIC (OR APPROVED EQUAL) IN ALL DRYWELLS. SEE SPOKANE COUNTY STANDARDS (1999 EDITION) SHEET B-1a FOR INSTALLATION LOCATIONS.
- ALL SWALES WITHIN THE COUNTY RIGHT-OF-WAY, IN THE AREA ASSOCIATED WITH THIS PROJECT, SHALL BE COMPLETED DURING THE CONSTRUCTION OF THE ROADWAY. THE CONTRACTOR SHALL PERFORM THE POND GRADE WORK, INSTALL THE IRRIGATION SYSTEM, AND PLACE THE SOD WITHIN THE PONDS FOLLOWING THE ROAD PAVING WORK.
- THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL DRAINAGE STRUCTURES FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC UNDER THE LID FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE CONSTRUCTION WORK HAS ENDED. IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS, THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE DRYWELL OR CATCH BASIN OUT TO THE SATISFACTION OF THE CERTIFYING ENGINEER.
- ALL LANDSCAPE AREAS ("208" SWALES) ARE TO BE IRRIGATED BY AN AN AUTOMATIC IRRIGATION SYSTEM INSTALLED BY OR UNDER THE DIRECTION OF THE LANDSCAPE CONTRACTOR. THE IRRIGATION SYSTEM SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES (90 DAY GUARANTEE). AN APPROVED BACKFLOW DEVICE SHALL BE INSTALLED TO PREVENT WATER FROM GOING BACK INTO THE WATER SUPPLY.

**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 FINISH GRADE. THE OWNER/GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING SLEEVING BEFORE CURBING, SIDEWALKS, PAVING, ETC. IS INSTALLED. PATCH ASPHALT AS NEEDED.

**LAWN AREAS:** LAWN AREAS ARE TO BE IRRIGATED WITH TORO POP-UP HEADS OR EQUIVALENT. (TEST SYSTEM BEFORE BACKFILLING).

**ADJUSTMENT:** AFTER INSTALLATION, ADJUST VALVES, HEADS, EMITTERS, ETC. TO PROVIDE UNIFORM COVERAGE AND TO MINIMIZE OVER SPRAY ON WALLS, FENCES, WALKS, DRIVES, ETC.

**WATER POWER SUPPLY:** THE OWNER/ GENERAL CONTRACTOR IS TO SUPPLY WATER TAPS FOR HOOK-UP AND SUPPLY POWER FOR CONTROLLER.

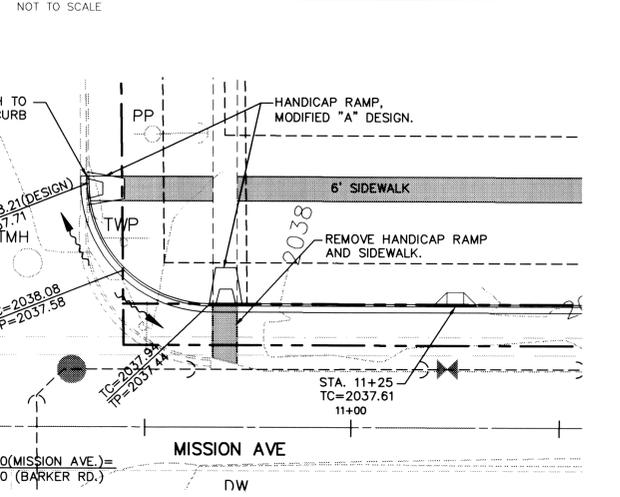
- THE FLOOR OF A GRASSED PERCOLATION AREA (G.P.A.) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE, AND THE SIDE SLOPES OF THE SWALE UP TO THE G.P.A. OVERFLOW ELEVATION OR TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE G.P.A. SWALE SHALL BE A MEDIUM TO WELL-DRAINING MATERIAL WITH A MINIMUM INFILTRATION RATE OF 0.5 INCHES PER HOUR. THE ENGINEER SHALL PROVIDE A WRITTEN STATEMENT WHICH VERIFIES THAT ALL G.P.A. SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING/SOD AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THIS MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.

**STREET GENERAL NOTES**

THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT TO CONSTRUCT AND INSTALL TO PROPER WORKING ORDER ALL IMPROVEMENTS AS DETAILED OR CALLED OUT ON THESE PLANS.

- ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 2001" AND AS AMENDED.
- THE CONTRACTOR IS REQUIRED TO HAVE A VALID CONSTRUCTION PERMIT ON SITE AT ALL TIMES. THE ABSENCE OF THE PERMIT WILL RESULT IN AN IMMEDIATE SHUTDOWN OF WORK AND THE POSSIBLE REMOVAL OF THOSE ITEMS CONSTRUCTED WITHOUT THE PERMIT.
- 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 APPROVED 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, TODD WHIPPLE, P.E., 458-6840, THE SITE/PROJECT INSPECTING ENGINEER OR HIS REPRESENTATIVE, S.T.I., PAUL NELSON, P.E., 534-9711 AND THE SPOKANE COUNTY ENGINEER'S OFFICE, CONSTRUCTION ENGINEER, 477-3600.
- FOR CONSTRUCTION OF DRYWELLS, INSTALL FILTER FABRIC, "AMOCO" 4545 OR APPROVED EQUIVALENT, BETWEEN THE DRYWELL BARREL AND THE WASHED DRAINROCK AND BETWEEN THE WASHED DRAINROCK AND NATIVE SOILS PER SPOKANE COUNTY STANDARD DETAIL B-1a.
- PRIOR TO SITE CONSTRUCTION THE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
- THE CONTRACTOR SHALL MAKE AN EFFORT TO PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC UNDER THE LID FOR AT LEAST 6 WEEKS, OR UNTIL THE ESTABLISHMENT OF GRASS AND/OR OTHER SITE CONSTRUCTION WORK HAS ENDED.
- IN THE EVENT THAT SILT OR OTHER DELETERIOUS MATERIAL IS ALLOWED TO ENTER THE DRYWELLS OR CATCH BASINS THE CONTRACTOR WILL BE REQUIRED TO CLEAN THE DRYWELL OR CATCH BASIN OUT TO THE SATISFACTION OF THE CERTIFYING ENGINEER.
- THE CONTRACTOR SHALL EMPLOY A LICENSED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTERS SHALL BE CONSTRUCTED PRIOR TO PAVING AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE GUTTER.
- ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE DRYWELL CONE AND SHALL FLOW AS DIRECTED IN THE PLANS.
- FOR ANY CURB GRADES LESS THAN 0.8% (0.008 FT./FT.), A WASHINGTON STATE LICENSED PROFESSIONAL LAND SURVEYOR SHALL VERIFY THAT THE CURB FORMS ARE AT THE GRADES NOTED ON THE APPROVED PLANS, PRIOR TO PLACEMENT OF CURB MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.

MISSION AVENUE TYPICAL CROSS SECTION  
NOT TO SCALE



INTERSECTION DETAIL  
NOT TO SCALE



**NAVD 88**  
BASED ON W.S.D.O.T. POINT 2306. MONUMENT IS A W.S.D.O.T. BRASS CAP SET IN A CONCRETE MONUMENT. MONUMENT IS LOCATED WITHIN THE SULLIVAN ROAD SOUTHBOUND OFF RAMP ON I-90 ELEVATION=2035.67

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

**CAUTION: NOTICE TO CONTRACTOR**  
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

*Clifford J. Whipple, P.E.*  
DEVELOPER'S APPROVAL  
2/04/03  
DATE

P1414K Eng Road & Drainage

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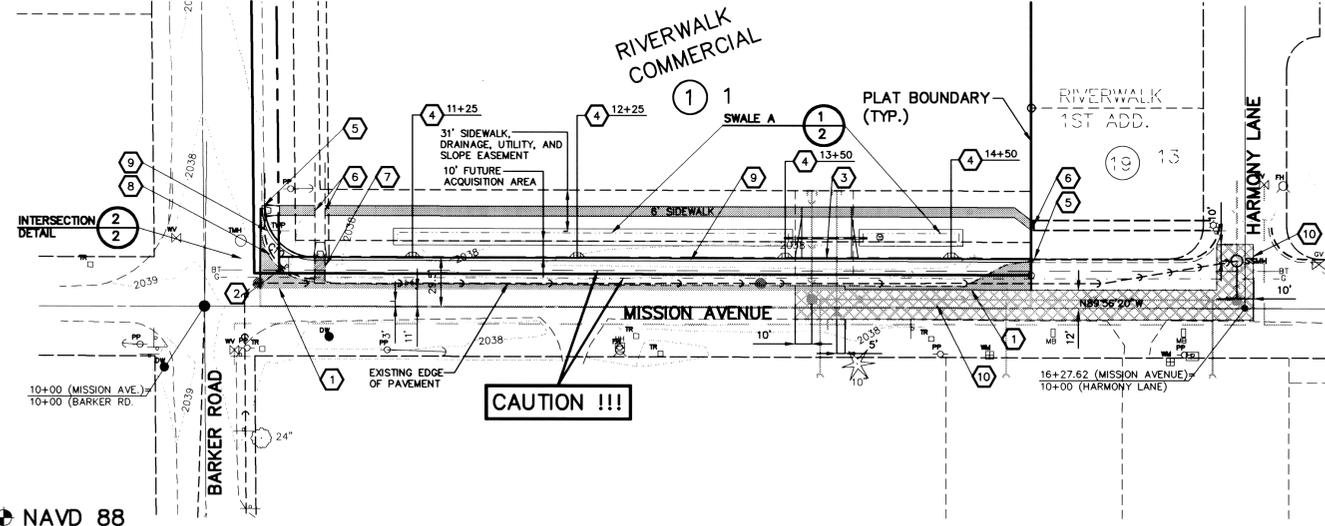
SEC. 8, T. 25 N., R. 45 E, W.M.  
SPOKANE COUNTY, WASHINGTON

CURVE TABLE				
CURVE	RADIUS	LENGTH	TANGENT	DELTA
C10	30.00	46.82	29.70	42.21
				89°25'34"

**LEGEND**

-  REPRESENTS EXISTING PAVEMENT TO BE REMOVED.
-  REPRESENTS EXISTING PAVEMENT TO BE REMOVED DUE TO WATER AND SEWER INSTALLATION AND REPLACED.
-  SIDEWALK

**CAUTION !!!! BURIED FIBER OPTIC LINE APPROX. 18' NORTH OF CENTERLINE OF MISSION AVE. AND BURIED 6" GAS LINE APPROX. 14' NORTH OF CENTERLINE OF MISSION AVE. CALL LOCATES PRIOR TO ANY EXCAVATION AT 246-8000.**



**CONSTRUCTION NOTES**

- 1 SAWCUT PAVEMENT 11' NORTH OF CENTERLINE. REMOVE ASPHALT NORTH OF SAWCUT LINE AS SHOWN AND TACK COAT. BEGIN SAWCUT STA. 10+33.43 AND END SAWCUT STA. 14+98.97.
- 2 REMOVE AND REPLACE EXISTING STOP AND STREET SIGN.
- 3 40' COMMERCIAL URBAN DRIVEWAY-SEPARATED SIDEWALK, PER SPOKANE COUNTY STANDARD PLAN A-4. STA. 13+75, CENTER OF DRIVEWAY.
- 4 4' CURB INLET TYPE I WITH 2" DEPRESSION, PER SPOKANE COUNTY STANDARD PLAN B-8.
- 5 MATCH TO EXIST. CURB AND GUTTER.
- 6 MATCH TO EXIST. SIDEWALK.
- 7 REMOVE SIDEWALK AND REMOVE AND REPLACE WHEELCHAIR RAMP, PER SPOKANE COUNTY DESIGN "A" MODIFIED. SEE INTERSECTION DETAIL, SHEET 2 FOR MORE DETAILS.
- 8 REMOVE CURB AND GUTTER.
- 9 TYPE B CURB AND GUTTER, PER SPOKANE COUNTY STANDARD PLAN A-3.
- 10 REMOVE AND REPLACE PAVEMENT FOR SEWER AND WATER LINES.

**GENERAL NOTES**

SEE SHEET 3 FOR GENERAL NOTES.

SPOKANE COUNTY ENGINEERS OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT #: P-1414K  
DATE ACCEPTED: 02-27-03  
ACCEPTANCE EXPIRES: 02-27-05  
PROJECT LANE MILES PUBLIC: 0.0  
PROJECT LANE MILES PRIVATE: 0.0  
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, AS BUILT'S 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

**NAVD 88**

BASED ON W.S.D.O.T. POINT 2306. MONUMENT IS A W.S.D.O.T. BRASS CAP SET IN A CONCRETE MONUMENT. MONUMENT IS LOCATED WITHIN THE SULLIVAN ROAD SOUTHBOUND OFF RAMP ON I-90 ELEVATION=2035.67

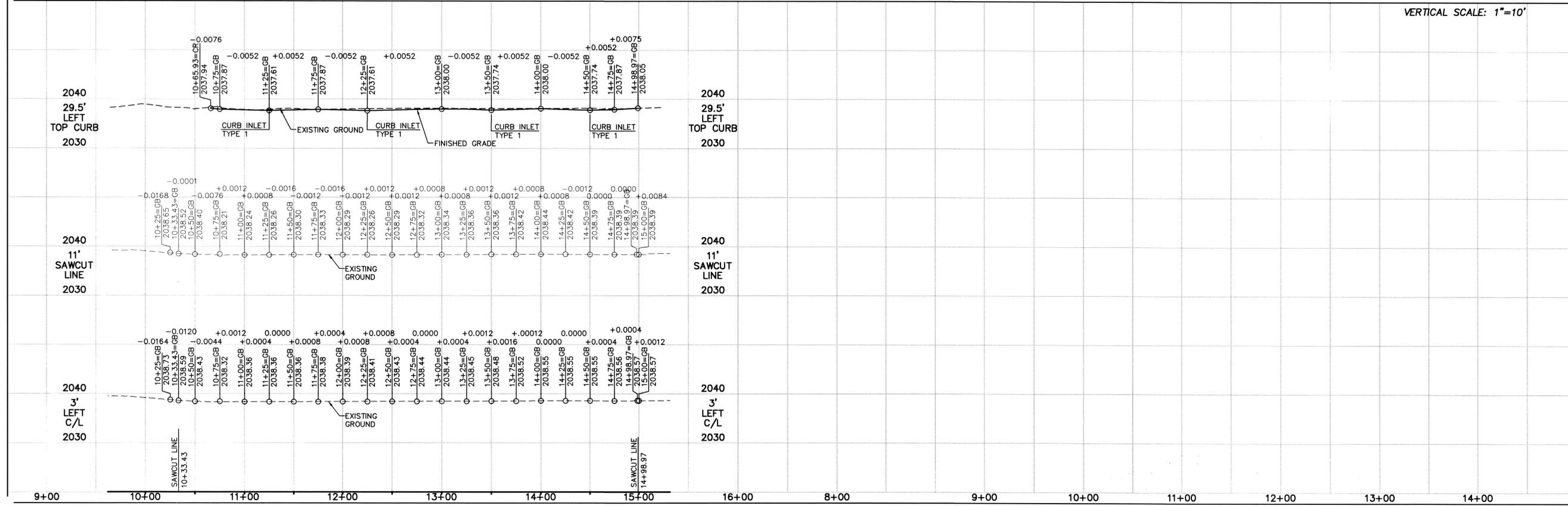
**UNDERGROUND SERVICE ALERT**  
ONE-CALL NUMBER  
456-8000  
CALL TWO BUSINESS DAYS BEFORE YOU DIG

**CAUTION: NOTICE TO CONTRACTOR**

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

*Clifford J. Whipple, P.E.*  
DEVELOPER'S APPROVAL

2/4/03  
DATE



CLC ASSOCIATES  
707 WEST 7TH AVENUE  
SUITE 200  
SPOKANE  
WASHINGTON 99204  
P 509 458 6840  
F 509 458 6844  
CLC@CLC.COM

ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING

STREET PLANS  
**RIVERWALK COMMERCIAL SITE**  
SPOKANE COUNTY  
WASHINGTON



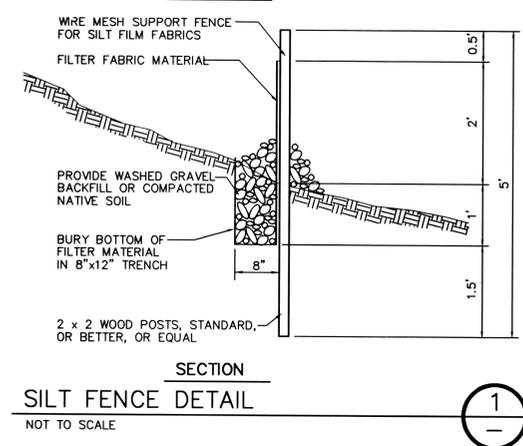
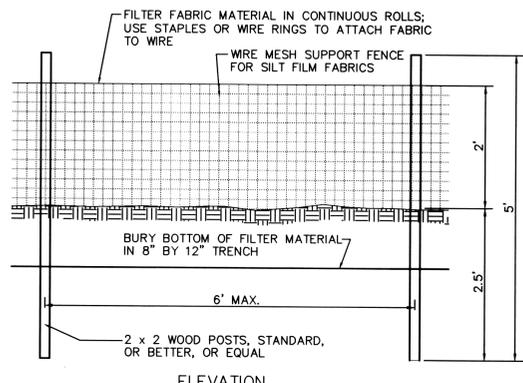
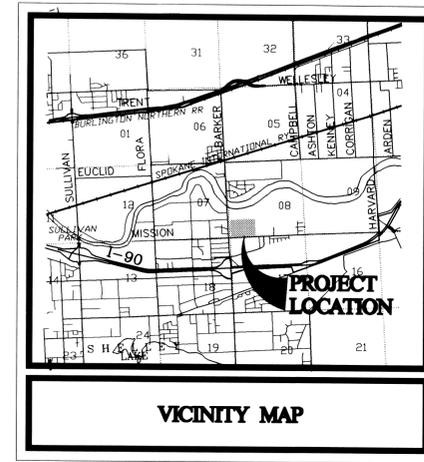
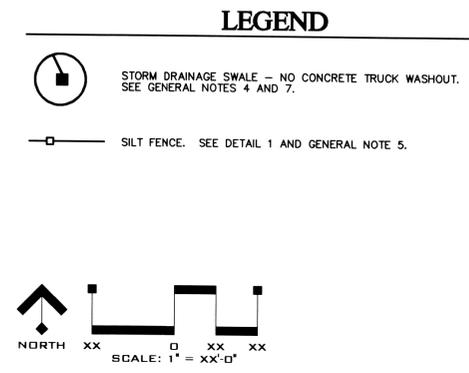
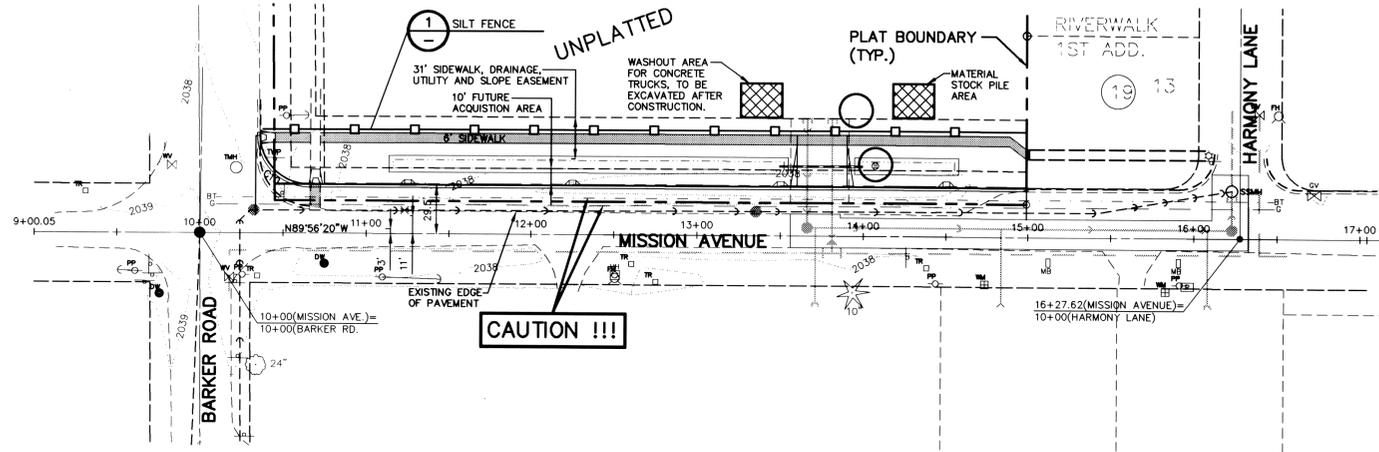
EXPIRES 9/24/2004  
PREPARED UNDER THE DIRECT SUPERVISION OF  
CLIFFORD J. WHIPPLE, P.E.  
WASHINGTON  
REGISTRATION NO. 25462  
FOR AND ON BEHALF OF  
CLC ASSOCIATES

DATE	DESCRIPTION
09/30/02	ORIGINAL PREPARATION
10/02/02	FIRST SUBMITTAL
12/06/02	SECOND SUBMITTAL
01/10/03	SUBMITTAL FOR APPROVAL

PROJECT #: S020317  
DRAWN BY: SMM  
DESIGNED BY: MLK  
CHECKED BY: TRW

P1414K EngRoad & Drainage

SEC. 8, T. 25 N., R. 45 E, W.M.  
SPOKANE COUNTY, WASHINGTON



**LEGAL DESCRIPTION**

That portion of the Southwest One-Quarter and the Southeast One-Quarter of Section 8, Township 25 North, Range 45 East, W.M., Spokane County, Washington described as follows:

COMMENCING at a three-inch brass cap marking the Southwest corner of Section 8 said point being the centerline intersection of Barker Road and Mission Avenue;

Thence North 00°34'56" West along the centerline of said Barker Road and the West line of said Southwest one-quarter a distance of 20.00 feet to an intersection with the Northerly line of Mission Avenue right-of-way extended;

Thence South 89°56'43" East along said Northerly right-of-way line extended a distance of 30.00 feet to the TRUE POINT OF BEGINNING

Thence North 00°34'56" West along the Easterly right-of-way line of said Barker Road a distance of 854.28 feet to the Southerly line of Indiana Avenue right-of-way according to the Final Plat of Riverwalk First Addition (A Planned Unit Development) as recorded under Auditors File Number 9508090162 in Book 23 of Plats, Pages 37 through 40, records of Spokane County,

Thence North 89°25'04" East along said Southerly line distance of 15.00 feet to the beginning of a non-tangent curve concave Southeastly having a radius of 20.00 feet from which point a radial line bears North 89°25'04" East;

Thence northeasterly along said curve through a central angle of 20°27'17" an arc distance of 7.14 feet to a point on the Southerly line said Final Plat;

Thence along the Southerly and Westerly boundary of said Final Plat the following four courses

North 89°23'13" East a distance of 245.23 feet to the beginning of a curve concave Northerly having a radius of 758.00 feet;

Thence Easterly along said curve through a central angle of 8°15'34" an arc distance of 109.27 feet;

South 29°56'19" East a distance of 215.80;

South 00°00'11" West a distance of 686.49 feet to a point on the Northerly line of Mission Avenue right-of-way;

Thence North 89°56'43" West along said Northerly line a distance of 469.19 feet to the TRUE POINT OF BEGINNING;

Said parcel of land containing 400,079 square feet or 9.18 acres.

**MAINTENANCE**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF THE TEMPORARY E.S.C. MEASURES.
- SEDIMENT BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RUNOFF-PRODUCING RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
- NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF FILTER FABRIC SHALL BE ACCOMPLISHED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH RUNOFF-PRODUCING RAINFALL. DEPOSITS MUST BE REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY 1/2 THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE E.S.C. STRUCTURE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.
- ALL TEMPORARY AND PERMANENT E.S.C. PRACTICES SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.
- ALL TEMPORARY E.S.C. 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 SHALL BE PERMANENTLY STABILIZED.
- 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 CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AN "AS NEEDED" BASIS USING SWEEPING AND WATER TO WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
- ON-SITE DUST CONTROL SHALL BE ACCOMPLISHED BY USING WATER. APPLICATIONS OF WATER MAY BE REQUIRED SEVERAL TIMES PER DAY DURING CONSTRUCTION ACTIVITY.

**EROSION & SEDIMENT CONTROL  
GENERAL NOTES AND INFORMATION**

- AN EROSION/SEDIMENT CONTROL (E.S.C.) PLAN IS REQUIRED FOR THIS PROJECT. IMPLEMENTATION OF THE E.S.C. PLAN, AND CONSTRUCTION, MAINTENANCE, AND UPGRADING OF THE E.S.C. FACILITIES ARE THE RESPONSIBILITY OF THE DEVELOPER 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.
- APPROVAL OF THE E.S.C. PLAN DOES NOT CONSTITUTE APPROVAL OF ANY OF THE PROPOSED ROAD, STORM DRAINAGE, GRADING OR UTILITY DESIGN ELEMENTS SHOWN ON THE E.S.C. PLAN.
- THE EROSION/SEDIMENT CONTROL MEASURES SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE ANTICIPATED SITE CONDITIONS. THE CONTRACTOR SHALL INSPECT AND MAINTAIN THESE E.S.C. 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.
- GEOTEXTILE FABRIC IS TO BE PLACED ON THE RIMS AND OVER GRATES OF CATCH BASINS AND INLETS UNTIL SUCH TIME THAT THE VEGETATION ON THE SITE IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.
- THE SILT FENCES SHALL BE INSTALLED BY THE CONTRACTOR PRIOR TO OTHER SITE WORK, AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
- NOT USED.
- THE CONTRACTOR IS RESPONSIBLE FOR DESIGNATING A LOCATION WHERE CONCRETE TRUCKS AND EQUIPMENT CAN BE WASHED OUT, NOT LOCATED NEAR OR DRAINING INTO A STORM DRAINAGE AREA.
- PROPERTY OWNER: NEIGHBORHOOD INC.  
PERMIT APPLICANT: CLIFF MORT  
CONTACT PERSON ON SITE: CLIFF MORT
- PROJECT LOCATION: IN THE NE 1/4 OF THE SE 1/4 OF SECTION 8, T. 25N., R. 45E., W.M. WITH SPOKANE COUNTY, WASHINGTON.
- PROJECT DESCRIPTION: RIVERWALK COMMERCIAL SITE IS A COMMERCIAL SITE WITH APPROX. 800 L.F. OF STREET FRONTAGE AND WILL REQUIRE STREET IMPROVEMENTS, CONSTRUCTION OF SEWER AND WATER AND STORM DRAINAGE.
- DESCRIPTION OF E.S.C. MEASURES: USE OF SILT FENCES AND ROCK CONSTRUCTION ENTRANCES. ALL E.S.C. MEASURES MENTIONED ABOVE ARE TEMPORARY AND WILL BE REMOVED AFTER YARDS ARE LANDSCAPED.
- EXISTING VEGETATION: FIELD GRASS, ALFALFA, FALLOW FIELDS.
- PLAN PREPARATION DATE: SEPTEMBER 13, 2002.
- SOILS: ON SITE SOILS INCLUDE GgA (GARRISON GRAVELLY LOAM).
- STABILIZATION OF DENUDED AREAS: ANY DISTURBED AREAS, WHICH WOULD BE LEFT BARE FOR MORE THAN 7 DAYS AND ARE 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.
- CONTROL OF POLLUTANTS: ANY SPILLS WILL BE HANDLED ACCORDING TO D.O.E. AND D.O.H. GUIDELINES.
- SEED MIX: EXCAVATION AND EMBANKMENT BANKS AND ALL DISTURBED AREAS WILL REQUIRE STABILIZATION WITH HYDROSEEDING METHODS. THE SEED MIXTURE SHALL CONSIST OF THE FOLLOWING GRASS SPECIES:  
10% ELKA PERENNIAL RYE  
20% DURAN HARD FESCUE  
45% COVAR SHEEP / FESCUE  
15% REUBENS CANADIAN BLUEGRASS
- GRASS SEED: 90 LBS. / ACRE  
FERTILIZER: 16-16-16 TIMED RELEASE AT 300 LBS. / ACRES
- ALL SEEDING OF SLOPES SHALL BE PERFORMED IN ACCORDANCE WITH W.S.D.O.T. STANDARD SPECIFICATIONS SECTION 8-01, AND APPENDIX "E" OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.

**NAV 88**  
BASED ON W.S.D.O.T. POINT 2306, MONUMENT IS A W.S.D.O.T. BRASS CAP SET IN A CONCRETE MONUMENT. MONUMENT IS LOCATED WITHIN THE SULLIVAN ROAD SOUTHBOUND OFF RAMP ON I-90 ELEVATION=2035.67

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

**CAUTION: NOTICE TO CONTRACTOR**  
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CERTIFICATION STATEMENT: I CERTIFY THAT THIS EROSION AND SEDIMENT CONTROL PLAN MEETS THE E.S.C. REQUIREMENTS AS LISTED IN CHAPTER 4.5 OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.

TODD WHIPPLE, P.E.

SPOKANE COUNTY ENGINEERS OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT #: P-1414K  
DATE ACCEPTED: 02-07-03  
ACCEPTANCE EXPIRES: 02-07-05  
PROJECT LANE MILES PUBLIC: .04  
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! (808) 477-3600  
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS BEFORE CONSTRUCTION

DEVELOPER'S APPROVAL  
DATE: 2/04/03



707 WEST 7TH AVENUE  
SUITE 200  
SPOKANE  
WASHINGTON 99204  
P 509 458 6840  
F 509 458 6844  
CLCASSOC.COM

ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING

TEMPORARY EROSION CONTROL PLAN  
RIVERWALK COMMERCIAL SITE  
SPOKANE COUNTY  
WASHINGTON

PROFESSIONAL ENGINEER  
TODD WHIPPLE, P.E.  
REGISTRATION NO. 25462  
FOR AND ON BEHALF OF  
CLC ASSOCIATES

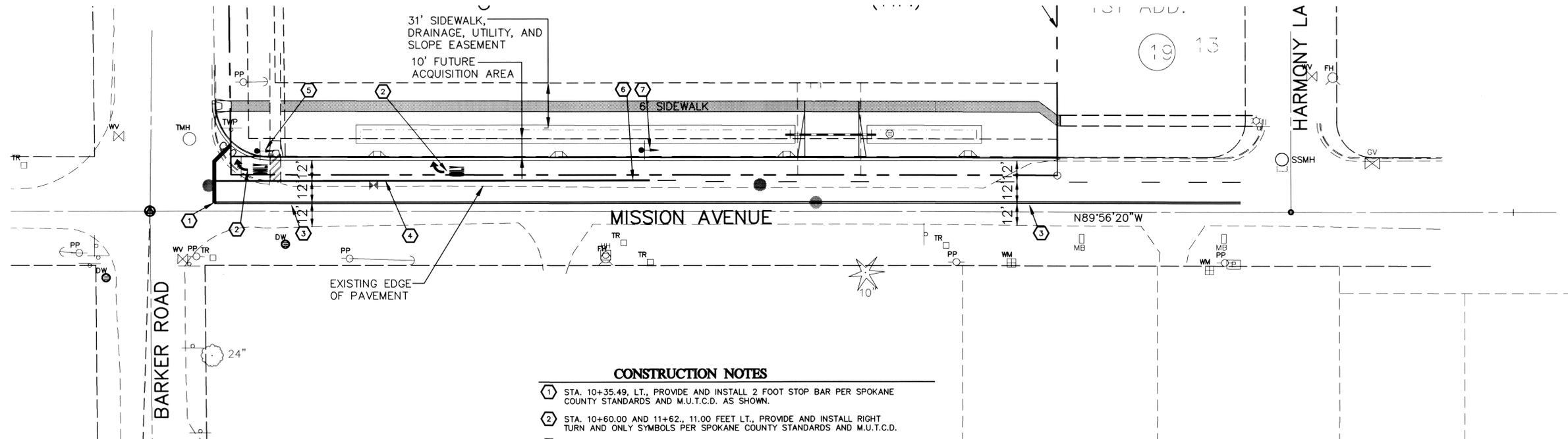
EXPIRES 9/24/2004

DESCRIPTION: ORIGINAL PREPARATION  
DATE: 09/20/02  
FIRST SUBMITTAL: 10/02/02  
SUBMITTAL FOR APPROVAL: 01/10/03

PROJECT #: S020317  
DRAWN BY: SMM  
DESIGNED BY: MLK  
CHECKED BY: TRW

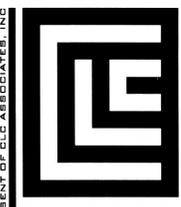
SHEET 5  
P 1414 K Eng Roads Drainage

SEC. 8, T. 25 N., R. 45 E, W.M.  
SPOKANE COUNTY, WASHINGTON



**CONSTRUCTION NOTES**

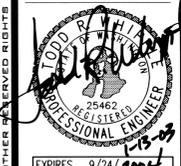
- ① STA. 10+35.49, LT., PROVIDE AND INSTALL 2 FOOT STOP BAR PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D. AS SHOWN.
- ② STA. 10+60.00 AND 11+62., 11.00 FEET LT., PROVIDE AND INSTALL RIGHT TURN AND ONLY SYMBOLS PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.
- ③ STA. 10+35.49, 4.81' LT. TO STA. 16+00.00, 4.39' LT., PROVIDE AND INSTALL 4" DOUBLE YELLOW STRIPING PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.
- ④ STA. 10+35.49, 16.49' LT. TO STA. 12+75.00, 16.65' LT., PROVIDE AND INSTALL 8" WIDE WHITE GORE STRIPING PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.
- ⑤ STA. 10+60.83, 33.00' LT., PROVIDE AND INSTALL STOP AND STREET SIGN AND RIGHT TURN ONLY SIGN WITH ARROW PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.
- ⑥ STA. 12+75.00, 17.11' LT., TO STA. 14+50.00, 17.45' LT., PROVIDE AND INSTALL 4" WIDE SKIP LANE LINE PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.
- ⑦ STA. 12+72.00, 33.00' LT., PROVIDE AND INSTALL RIGHT LANE MUST TURN RIGHT SIGN PER SPOKANE COUNTY STANDARDS AND M.U.T.C.D.



**CLC ASSOCIATES**  
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SUITE 200  
SPOKANE, WASHINGTON 99204  
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CLCASSOC.COM

ARCHITECTURE  
ENGINEERING PLANNING  
LANDSCAPE ARCHITECTURE  
LAND SURVEYING

**RIVERWALK COMMERCIAL SITE**  
STREET PLANS  
SPOKANE COUNTY  
WASHINGTON



PREPARED UNDER THE DIRECT SUPERVISION OF  
TODD R. WHIPPLE, P.E.  
WASHINGTON REGISTRATION NO. 25463  
FOR AND ON BEHALF OF  
CLC ASSOCIATES

SPOKANE COUNTY ENGINEERS OFFICE  
OFFICIAL PUBLIC DOCUMENT ORIGINAL  
**CONSTRUCTION PLANS**  
PROJECT #: 02-04-03  
DATE ACCEPTED: 02-04-03  
ACCEPTANCE EXPIRES: 01-01-04  
PROJECT LANE MILES PUBLIC: 0.0  
PROJECT LANE MILES PRIVATE: 0.0  
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

DATE	DESCRIPTION
9/30/02	ORIGINAL PREPARATION
10/02/02	FIRST SUBMITTAL
01/10/03	SUBMITTAL FOR APPROVAL

PROJECT #: 6020317  
DRAWN BY: RLM  
DESIGNED BY: TRW  
CHECKED BY: TRW

**SHEET 6**

NAVD 88

BASED ON W.S.D.O.T. POINT 2306. MONUMENT IS A W.S.D.O.T. BRASS CAP SET IN A CONCRETE MONUMENT. MONUMENT IS LOCATED WITHIN THE SULLIVAN ROAD SOUTHBOUND OFF RAMP ON I-90 ELEVATION=2035.67

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

**CAUTION: NOTICE TO CONTRACTOR**  
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE LOCAL UTILITY LOCATION CENTER AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATIONS OF THE UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

*Clifford J. Mat...*  
DEVELOPER'S APPROVAL

2/04/03  
DATE  
NORTH  
SCALE: 1" = 30'-0"

P1414K Eng Roads & Drainage

I:\proj\020317\020317.dwg, 01/13/2003 07:12:02 AM, B.C.R.