COVER SHEET
FOR

SPRINGFIELD 1ST ADDITION

AT

AUTUMN CREST

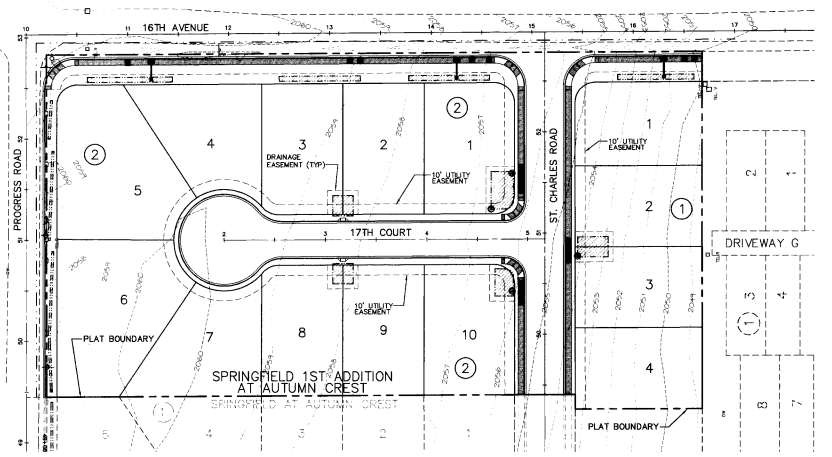
STREET PLANS

SEC. 26, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

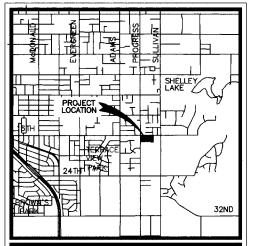
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456•8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

IPE Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, Washington 99204
Phone: (509) 456-6840
Fax: (509) 456-6844

TODD R. WALTERS
STATE OF WASHINGTON
25463
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/2000



GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.



VICINITY MAP

TABLE OF CONTENTS

COVER SHEET	SHEET 1
16TH AVENUE & PROGRESS ROAD	SHEET 2
17TH COURT	SHEET 3
POND DETAILS	SHEET 4
POND DETAILS	SHEET 5
DETAILS	SHEET 6

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.

Project Number:
IPE Job Number: 99141
Drawn By: CJK,TTB
Designed By: SKM
Checked By: TRW

THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROTECTED BY COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT. THEY MAY NOT BE REPRODUCED OR PUBLISHED WITHOUT THE WRITTEN CONSENT OF IPE ASSOCIATES, INC. (AN AFFILIATE OF CASBAGE LAND CONSULTANTS, INC.)

STREET PLANS COVER SHEET
SPRINGFIELD FIRST ADDITION
AT AUTUMN CREST

GENERAL NOTES

1. UNLESS SPECIFICALLY EXCEPTED IN THE PLANS OR CONTRACT DOCUMENTS ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND STANDARD PLANS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION PROMULGATED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION, THE WASHINGTON CHAPTER OF THE AMERICAN PUBLIC WORKS ASSOCIATION, (LATEST EDITION) AND SPOKANE COUNTY.
2. THE PLANS ARE SCHEMATIC AND ARE NOT INTENDED TO DEPICT ALL DETAILS OF THE WORK REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE TO FAMILIARIZE HIMSELF WITH ACTUAL SITE CONDITIONS REQUIREMENTS AND FACTORS AFFECTING THE WORK. WHERE LACK OF DETAIL OR CONFLICT EXISTS BETWEEN THESE AND OTHER PLANS, THE CONTRACTOR SHALL NOTIFY THE OWNER & ENGINEER TO RESOLVE THE ISSUE PRIOR TO PROCEEDING.
3. THIS PLAN MAY NOT SHOW ALL EXISTING UTILITIES. EXISTING UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE EXISTENCE AND ACTUAL LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION. ANY CONFLICTING UTILITIES SHALL BE RELOCATED PRIOR TO CONSTRUCTION.
4. NO QUANTITIES HAVE BEEN CALCULATED TO DETERMINE VOLUMES OF EXCAVATION AND EMBANKMENT ON THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE OR DISPOSE OF ALL EMBANKMENT AND/OR EXCAVATED MATERIALS.
5. THE CONTRACTOR IS REQUIRED TO HAVE A VALID CONSTRUCTION PERMIT ON SITE AT ALL TIMES. THE ABSENCE OF THE PERMIT MAY RESULT IN AN IMMEDIATE SHUTDOWN OF WORK AND THE POSSIBLE REMOVAL OF THOSE ITEMS CONSTRUCTED WITHOUT PERMIT.
6. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH THE "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION", AS AMENDED, (MOST CURRENT EDITIONS)
7. 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.
8. 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., @ 456-6840, THE SITE/PROJECT INSPECTING ENGINEER, BRUCE HOWARD @ 458-8840, OR HIS REPRESENTATIVE, AND THE COUNTY ENGINEER'S OFFICE, 456-3600.
9. 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-1).
10. THE CONTRACTOR SHALL PROTECT ALL CATCH BASINS AND DRYWELLS FROM BEING CONTAMINATED WITH SILT BY INSTALLING FILTER FABRIC BETWEEN THE LID AND GRATE UNTIL THE ESTABLISHMENT OF GRASS AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.

    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 SATISFACTION OF THE CERTIFYING ENGINEER.
11. ALL DRYWELL CONNECTION PIPES SHALL BE PLACED BELOW THE CONE AND SHALL FLOW AS DIRECTED ON THE PLANS.
12. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT TO CONSTRUCT AND INSTALL TO PROPER WORKING ORDER ALL IMPROVEMENTS AS DETAILED OR CALLED OUT IN THESE PLANS AS PER W.S.D.O.T./A.P.W.A. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENTLY ACCEPTED EDITION) SPECIFICATIONS.
13. A WASHINGTON STATE-LICENSED PROFESSIONAL LAND SURVEYOR SHALL VERIFY THAT THE CURB FORMS FOR PROGRESS ROAD ARE AT THE GRADES NOTED ON THE APPROVED PLANS, PRIOR TO PLACEMENT OF CURB MATERIAL.
14. A WASHINGTON STATE-LICENSED PROFESSIONAL ENGINEER SHALL PERFORM A WATER TEST ON THE COMPLETED CURB AND GUTTER ON PROGRESS ROAD TO VERIFY THAT THE IMPROVEMENTS EFFECTIVELY DRAIN RUNOFF FROM THE SURFACE OF THE PAVEMENT INTO THE ROADSIDE SWALE. ANY SECTIONS OF PAVEMENT OR CURBING THAT DO NOT ADEQUATELY DRAIN THE ROADWAY SHALL BE REMOVED AND REPLACED, PRIOR TO ACCEPTANCE OF THE IMPROVEMENTS BY THE COUNTY.
15. 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.
16. 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 SPRINGFIELD FIRST ADDITION CONSTRUCTION ACTIVITY. CLEANING SHALL BE ON AS "AS NEEDED" BASIS USING WATER UNDER PRESSURE. SWEEPING AND WATER SHALL BE USED WHEN WATER PRESSURE ALONE WILL NOT WASH THE CONSTRUCTION DEBRIS FROM THE STREET.
17. ON-SITE DUST CONTROL SHALL BE ACCOMPLISHED USING WATER. APPLICATIONS OF WATER MAY BE REQUIRED SEVERAL TIMES PER DAY DURING CONSTRUCTION ACTIVITY.
18. 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.
19. ALL CURB INLETS ARE TO HAVE A 2" DEPRESSION PER FIGURE 48, PAGE 6-84 OF THE SPOKANE COUNTY GUIDELINES FOR STORMWATER MANAGEMENT.
20. THE FLOOR OF A GRASSED PERCOLATION AREA (GPA) SWALE INCLUDES THE LEVEL PORTION OF THE FLOOR OF THE SWALE AND THE SIDESLOPES OF THE SWALE UP TO THE GPA OVERFLOW ELEVATION OR THE TOP OF THE DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA SWALE SHALL BE 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 GPA SWALES CONFORM TO THIS REQUIREMENT. THIS WRITTEN STATEMENT SHALL BE SUBMITTED TO THE SPOKANE COUNTY ENGINEER'S OFFICE PRIOR TO INSTALLING FINISHED LANDSCAPING AND PRIOR TO FINAL ACCEPTANCE. THE SWALE FLOOR MATERIAL SHALL BE INSTALLED TO A NATIVE SOIL STRATUM WHICH ALSO MEETS OR EXCEEDS THE MINIMUM PERCOLATION RATE OF 0.5 INCHES PER HOUR.

COUNTY DATUM
SPOKANE COUNTY DATUM PER AUTUMN CREST 1ST & 2ND ADDITIONS PLANS
EAST FLANGE OF FIRE HYDRANT ON W. SIDE OF SULLIVAN @ S. PLAT BOUNDARY

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-1570E
DATE ACCEPTED: 11-24-99
ACCEPTANCE EXPIRES: 11-24-01
PROJECT LANE MILES PUBLIC: 0.12
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS BUILT" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADWAY AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-7209
NOTIFY PERMIT ENGINEER 24 HOURS PRIOR TO CONSTRUCTION
© SPOKANE COUNTY INSPECTED

DEVELOPER'S APPROVAL

11/1/99
DATE

#1570E

Sheet Title
STREET PLAN

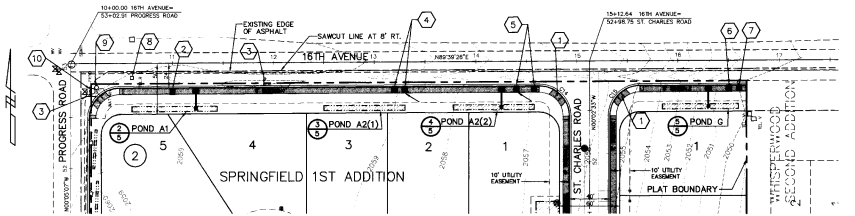
1 OF 6
Sheet Number

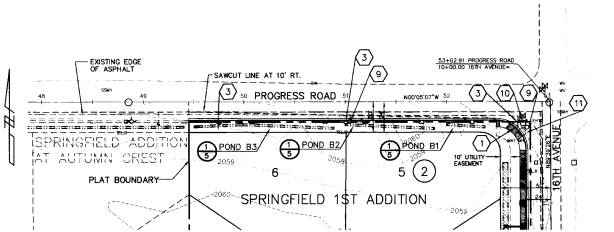
SEC. 26, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

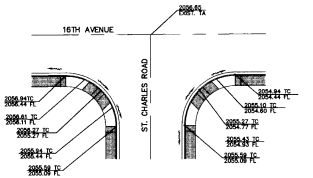
GRAPHIC SCALE
50 0 25 50 100
(IN FEET)
1 inch = 50 ft.

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

Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
707 N. 7th Avenue, Suite 200
Spokane, Washington 99204
Phone: (509) 456-8940
Fax: (509) 456-8944







INTERSECTION DETAIL (1/2)
NOT TO SCALE

CONSTRUCTION NOTES

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN A.
2. STA 11+00 RT. TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV= 2059.84
3. EXISTING SIGN TO BE RELOCATED
4. STA 13+20 RT. & 13+30 RT., TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV=2059.35 13+20, 2059.19 @ 13+30.
5. STA 14+40 RT. & 14+57 RT., TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV=2057.31 @ 14+40, 2057.01 @ 14+57.
6. STA 16+50 RT. TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV=2051.10
7. STA 16+60 RT. TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV=2050.78
8. EXISTING TELEPHONE RISER TO BE RELOCATED AT LEAST 2' BEHIND BACK OF CURB.
9. EXISTING POWER POLE TO BE RELOCATED AT LEAST 2' BEHIND BACK OF CURB.
10. EXISTING FIRE HYDRANT TO BE RELOCATED AT LEAST 2' BEHIND BACK OF CURB.
11. EXISTING WATER VAULT. COORDINATE WITH VERA WATER AND POWER FOR REMOVAL/RELOCATE.

CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C10	30.00'	47.23'	30.11'	42.50'	90°12'18"
C11	30.00'	47.02'	29.89'	42.35'	89°47'42"
C12	30.00'	26.55'	14.21'	25.69'	50°42'13"
C13	30.00'	26.55'	14.21'	25.69'	50°42'13"
C14	30.00'	47.28'	30.16'	42.54'	90°18'01"
C15	30.00'	46.97'	29.84'	42.32'	89°41'59"

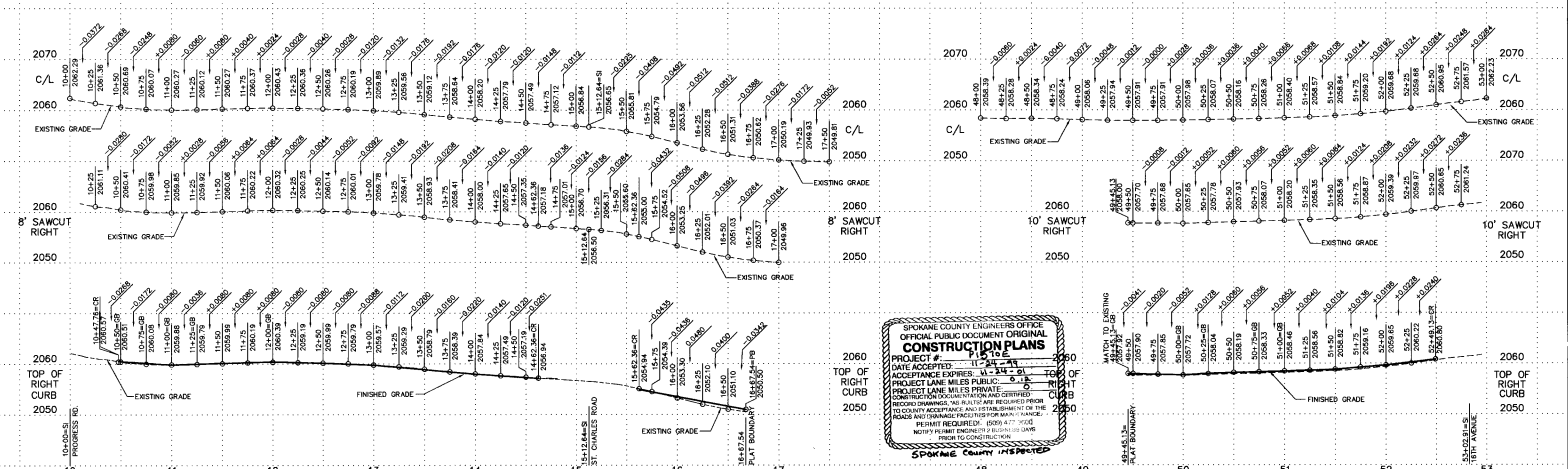
COUNTY DATUM

SPOKANE COUNTY DATUM PER
AUTUMN CREST 1st AND 2nd ADDITIONS PLANS
EAST FLANGE BOLT OF FIRE HYDRANT ON
WEST SIDE OF SULLIVAN @ S. PLAT BOUNDARY
ELEV=2032.92

DEVELOPER'S APPROVAL

11/1/99
DATE

VERTICAL SCALE: 1"=10'



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P-5106
DATE ACCEPTED: 11-24-99
ACCEPTANCE EXPIRES: 11-24-01
PROJECT LANE MILES PUBLIC: 0.6
PROJECT LANE MILES PRIVATE: 0.6
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) 477-7600
NOTIFY PERMIT ENGINEER 7 BUSINESS DAYS PRIOR TO CONSTRUCTION
SPOKANE COUNTY INSPECTED

Project Number:
IPE Job Number: 99141
Drawn By: CLK,TTB
Designed By: SKM
Checked By: TRW

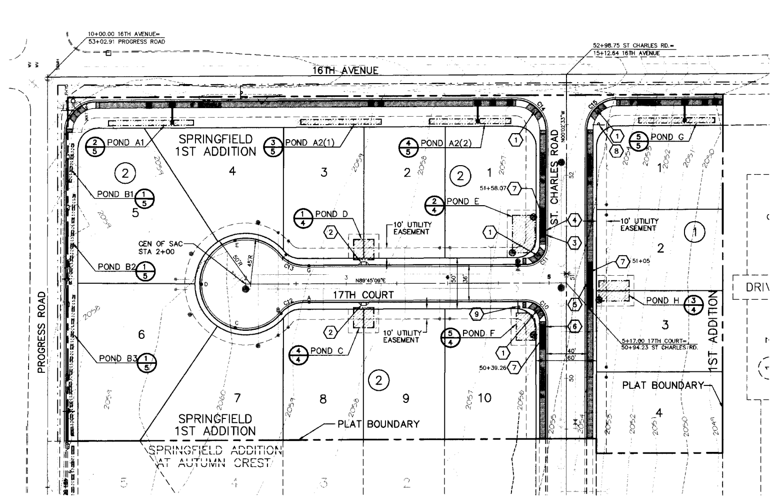
THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROTECTED BY COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT. THEY MAY NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF CLUNIE ASSOCIATES, INC. (WITHIN THE STATE OF COLORADO, LAND CONSULTANTS, INC.)

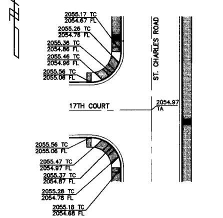
16TH AVENUE & PROGRESS ROAD
SPRINGFIELD FIRST ADDITION
AT AUTUMN CREST

Sheet Title
STREET PLAN

2 OF 6
Sheet Number

SEC. 26, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

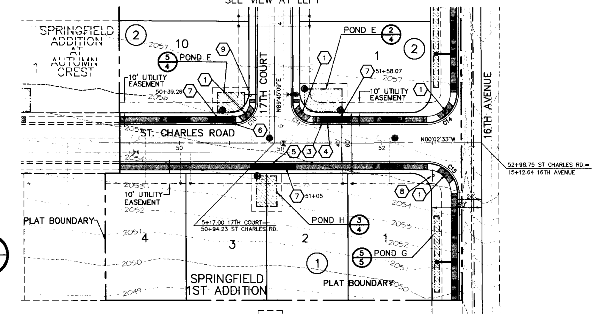




INTERSECTION DETAIL (2/2)
NOT TO SCALE

GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.

SEE VIEW AT LEFT



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

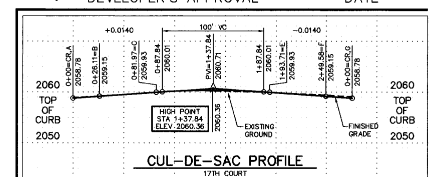
Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, Washington 99204
Phone: (509) 458-6840
Fax: (509) 458-6844

TODD R. WHIPPLE
STATE OF WASHINGTON
25462
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/2000

CONSTRUCTION NOTES

1. CONSTRUCT WHEELCHAIR RAMP PER SPOKANE COUNTY STANDARD PLAN A-5, DESIGN A.
2. STA 3+17, LT. & RT. TYPE 1 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-8. TC ELEV= 2057.92
3. STA 51+41, LT. TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV= 2055.40
4. STA 51+46, LT. TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV= 2055.53
5. STA 50+90.63, RT. TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV= 2054.97
6. STA 50+51 LT. TYPE 2 CURB INLET PER SPOKANE COUNTY STANDARD PLAN B-9. TC ELEV= 2055.22
7. CONSTRUCT 6" THICK HEAVY DUTY SIDEWALK SECTION FOR 20'. CENTER 20' SECTION EITHER ON STATION NOTED OR ADJACENT TO TYPE 2 CURB INLET.
8. INSTALL STREET NAME AND STOP SIGN PER SPOKANE COUNTY AND M.U.T.C.D.
9. INSTALL STREET NAME SIGN PER SPOKANE COUNTY AND M.U.T.C.D.

DEVELOPER'S APPROVAL — DATE 4/8/99



CUL-DE-SAC PROFILE
17TH COURT

CURVE INFORMATION

CURVE	RADIUS	LENGTH	TANGENT	CHORD	DELTA
C10	20.00'	31.49'	20.07'	28.33'	90°12'18"
C11	20.00'	31.34'	19.93'	28.23'	89°47'42"
C12	30.00'	26.55'	14.21'	25.69'	50°42'13"
C13	30.00'	26.55'	14.21'	25.69'	50°42'13"
C14	30.00'	47.28'	30.16'	42.54'	90°18'01"
C15	30.00'	46.97'	29.84'	42.32'	89°41'59"

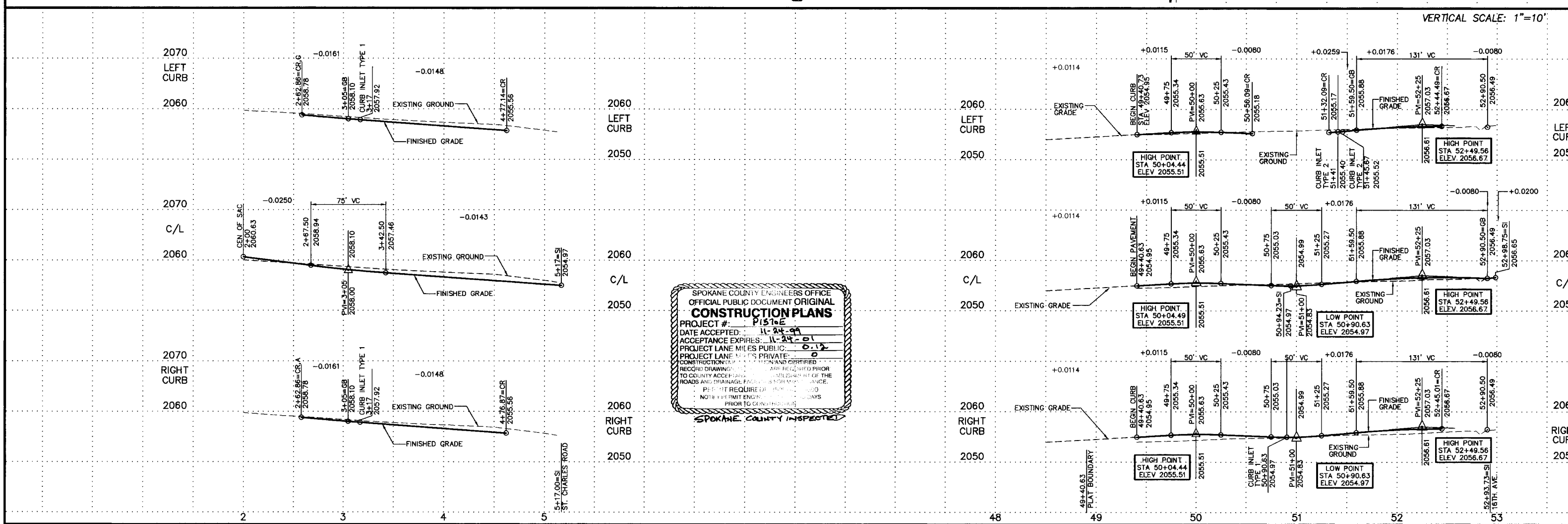
COUNTY DATUM

SPOKANE COUNTY DATUM PER AUTUMN CREST 1ST AND 2ND ADDITIONS PLANS EAST FLANGE OF FIRE HYDRANT ON WEST SIDE OF SULLIVAN @ SOUTH PLAT BOUNDARY

Project Number:	
IPE Job Number:	99141
Drawn By:	CLK,TTB
Designed By:	SKM
Checked By:	TRW

THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROTECTED BY COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT. THEY MAY NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF C.L.C. ASSOCIATES, INC. (AN AFFILIATE OF COLORADO LAND CONSULTANTS, INC.)

VERTICAL SCALE: 1"=10'



SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1574E
DATE ACCEPTED: 11-24-99
ACCEPTANCE EXPIRES: 11-24-01
PROJECT LANE MILES PUBLIC: 0.12
PROJECT LANE MILES PRIVATE: 0
SPOKANE COUNTY INSPECTED

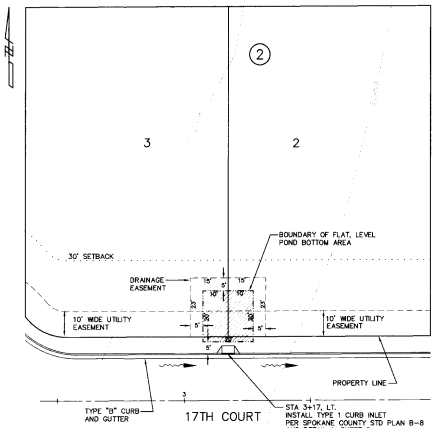
17TH COURT & ST. CHARLES ROAD
SPRINGFIELD FIRST ADDITION
AT AUTUMN CREST

Sheet Title
STREET PLAN

SEC. 26 T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

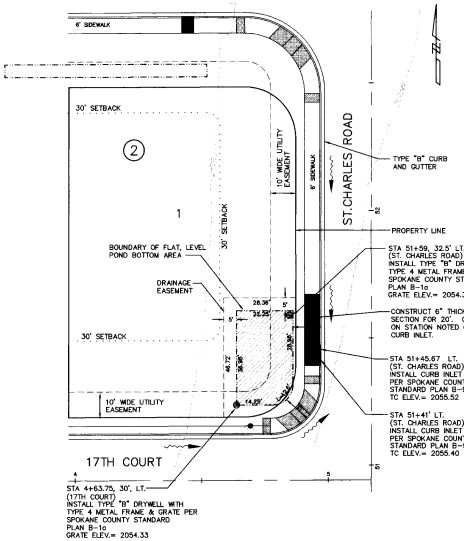
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG



POND "D" DETAIL (1)

1"=20'

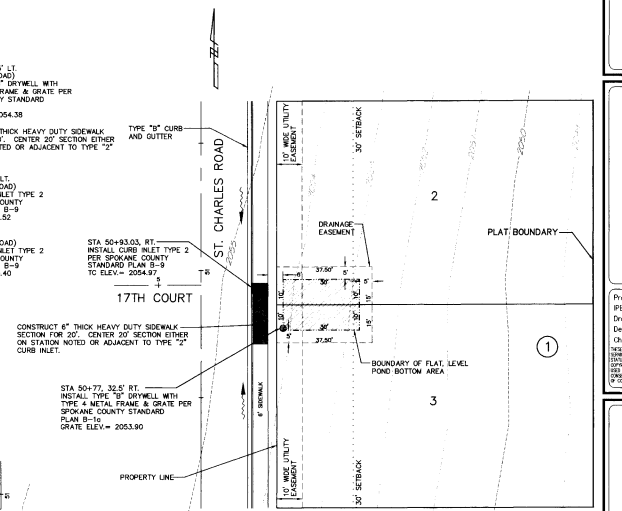
POND BOTTOM ELEV. = 2056.75
'208' BOTTOM AREA REQUIRED = 377 S.F.
'208' BOTTOM AREA PROVIDED = 400 S.F.
MIN. BERM ELEV. = 2058.12



POND "E" DETAIL (2)

1"=20'

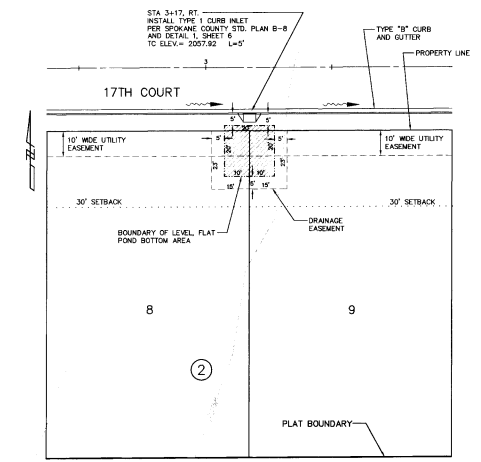
POND BOTTOM ELEV. = 2053.83
'208' BOTTOM AREA REQUIRED = 513 S.F.
'208' BOTTOM AREA PROVIDED = 808 S.F.
MIN. BERM ELEV. = 2055.60



POND "H" DETAIL (3)

1"=20'

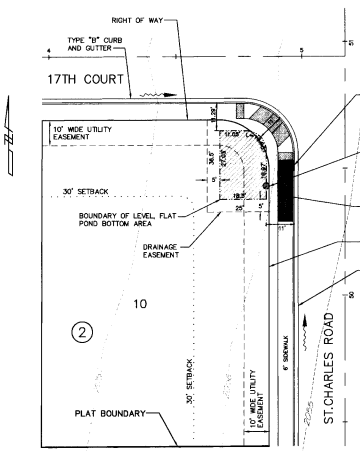
POND BOTTOM ELEV. = 2053.40
POND BOTTOM AREA REQUIRED = 492 S.F.
POND BOTTOM AREA PROVIDED = 600 S.F.
MIN. BERM ELEV.= 2055.17



POND "C" DETAIL (4)

1"=20'

POND BOTTOM ELEV. = 2056.75
'208' BOTTOM AREA REQUIRED = 382 S.F.
'208' BOTTOM AREA PROVIDED = 400 S.F.
MIN. BERM ELEV. = 2058.12



POND "F" DETAIL (5)

1"=20'

POND BOTTOM ELEV. = 2053.65
'208' BOTTOM AREA REQUIRED = 441 S.F.
'208' BOTTOM AREA PROVIDED = 486 S.F.
MIN. BERM ELEV. = 2055.42

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 71570 E
DATE ACCEPTED: 11-24-99
ACCEPTANCE EXPIRES: 11-24-01
PROJECT LANE MILES PUBLIC: 0.12
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTS HAVE BEEN REVIEWED AND CERTIFIED RECORD DRAWINGS HAVE BE[illegible] ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE OF THE ROADS AND DRAINAGE FACILITIES ESTABLISHMENT OF THE PERMIT REQUIRED UPON [illegible] NOTIFICATION PRIOR TO CONSTRUCTION [illegible] HOURS
SPOKANE COUNTY INSPECTED

DEVELOPER'S APPROVAL

11/8/99
DATE

COUNTY DATUM

SPOKANE COUNTY DATUM PER AUTUMN CREST 1ST & 2ND ADDITIONS PLANS
EAST FLANGE OF FIRE HYDRANT ON W. SIDE OF SULLIVAN @ S. PLAT BOUNDARY

Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
Associates, Inc.
707 W. 7th Avenue, Suite 200
Spokane, Washington 99204
Phone: (509) 458-6640
Fax: (509) 458-6644

RICHARD W. WALLACE
STATE OF WASHINGTON
25460
REGISTERED PROFESSIONAL ENGINEER
EXPIRES 9/24/2000

Project Number:
PE Job Number: 99141
Drawn By: TTB
Designed By: SKM
Checked By: TRW

THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROTECTED BY COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT. THEY MAY NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF PLANNING ASSOCIATES, INC. DBA AFFILIATE OF COLORADO LAND CONSULTANTS, INC.

POND DETAILS
SPRINGFIELD FIRST ADDITION
AT AUTUMN CREST

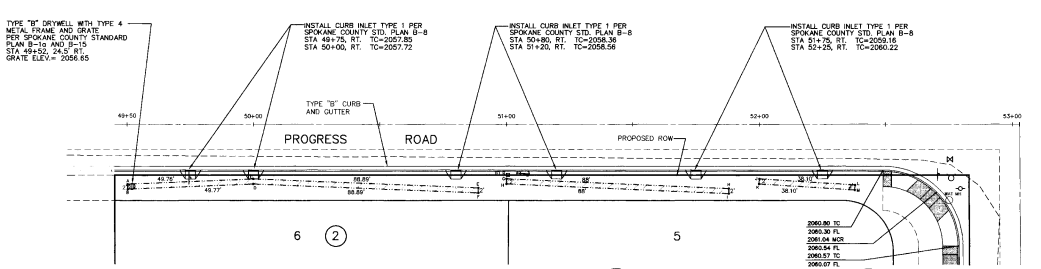
Sheet Title:
STREET PLAN

4 OF 6
Sheet Number

SEC. 26 T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

GRAPHIC SCALE
20 0 10 20 40
(IN FEET)
1 inch = 20 ft.

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



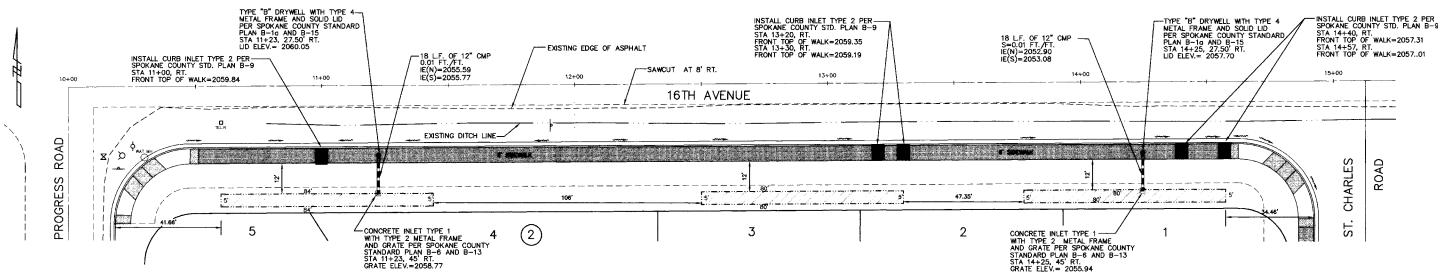
PONDS B1, B2, B3		
POINT	STATION	OFFSET
A	49+50.28	23.54' RT.
B	49+50.28	25.54' RT.
C	50+00.00	21.50' RT.
D	50+00.00	23.50' RT.
E	50+88.82	25.04' RT.
F	50+88.82	27.04' RT.
G	51+00.00	21.50' RT.
H	51+00.00	23.50' RT.
I	51+87.91	25.34' RT.
J	51+87.91	27.34' RT.
K	52+00.00	21.50' RT.
L	51+99.87	23.50' RT.
A	52+38.02	23.90' RT.
A	52+37.89	25.90' RT.

NOTE: ALL STATIONS AND OFFSETS ARE BASED ON PROGRESS ROAD.

POND "B3" DETAIL (1/—)
1"=20'
POND BOTTOM ELEV. = 2056.15
'208' BOTTOM AREA REQUIRED = 232 S.F.
'208' BOTTOM AREA PROVIDED = 277 S.F.
MIN. BERM ELEV. = 2057.92

POND "B2" DETAIL (1/—)
1"=20'
POND BOTTOM ELEV. = 2057.19
'208' BOTTOM AREA REQUIRED = 182 S.F.
'208' BOTTOM AREA PROVIDED = 176 S.F.
MIN. BERM ELEV. = 2058.56

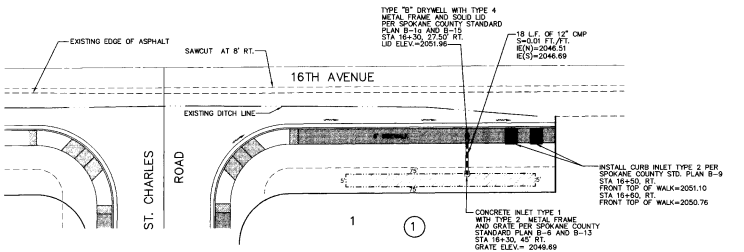
POND "B1" DETAIL (1/—)
1"=20'
POND BOTTOM ELEV. = 2057.99
'208' BOTTOM AREA REQUIRED = 102 S.F.
'208' BOTTOM AREA PROVIDED = 76 S.F.
MIN. BERM ELEV. = 2059.36



POND "A1" DETAIL (2/—)
1"=20'
POND BOTTOM ELEV. = 2058.27
'208' BOTTOM AREA REQUIRED = 414 S.F.
'208' BOTTOM AREA PROVIDED = 420 S.F.
MIN. BERM ELEV. = 2060.04

POND "A2(1)" DETAIL (3/—)
1"=20'
POND BOTTOM ELEV. = 2058.02
'208' BOTTOM AREA REQUIRED = 375 S.F.
'208' BOTTOM AREA PROVIDED = 400 S.F.
MIN. BERM ELEV. = 2059.39

POND "A2(2)" DETAIL (4/—)
1"=20'
POND BOTTOM ELEV. = 2055.44
'208' BOTTOM AREA REQUIRED = 375 S.F.
'208' BOTTOM AREA PROVIDED = 400 S.F.
MIN. BERM ELEV. = 2057.21



POND "G" DETAIL (5/—)
1"=20'
POND BOTTOM ELEV. = 2049.19
'208' BOTTOM AREA REQUIRED = 300 S.F.
'208' BOTTOM AREA PROVIDED = 375 S.F.
MIN. BERM ELEV. = 2050.96

COUNTY DATUM
SPOKANE COUNTY DATUM PER AUTUMN CREDIT 1ST & 2ND ADDITIONS PLANS
EAST FLANGE OF FIRE HYDRANT ON W. SIDE OF SULLIVAN @ S. PLAT BOUNDARY

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1076E
DATE ACCEPTED: 11-28-99
ACCEPTANCE EXPIRES: 11-24-01
PROJECT LANE MILES PUBLIC: 0.18
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 48 HOURS PRIOR TO CONSTRUCTION
SPOKANE COUNTY INSPECTED

DEVELOPER'S APPROVAL 11/8/99 DATE

Planning Engineering Architecture Landscape Architecture Land Surveying
707 W. 7th Avenue, Suite 200
Spokane, Washington 99204
Phone: (509) 458-9840
Fax: (509) 458-6864

EXPIRES 9/24/2000

Project Number:
IPE Job Number: 99141
Drawn By: CLK,TTB
Designed By: SKM
Checked By: TRW

THESE PLANS ARE INSTRUMENTS OF PROFESSIONAL SERVICE AND ARE PROTECTED BY COMMON LAW, COPYRIGHT AND OTHER RESERVED RIGHTS. THEY ARE NOT TO BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF G.L.E. ASSOCIATES, INC. (AN AFFILIATE OF COLORADO LAND CONSULTANTS, INC.)

POND DETAILS
SPRINGFIELD FIRST ADDITION
AT AUTUMN CREST

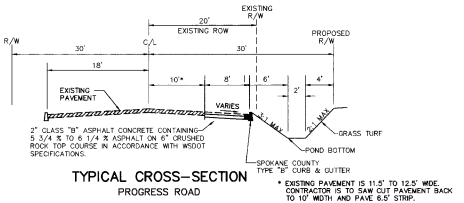
Sheet Title
STREET PLAN

5 OF 6
Sheet Number

SEC. 26, T.25 N., R.44 E.,W.M.
SPOKANE COUNTY, WASHINGTON

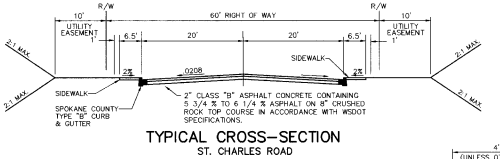
UNDERGROUND SERVICE ALERT
ONE-CALL NUMBER
456-8000
CALL TWO BUSINESS DAYS BEFORE YOU DIG

Associates, Inc.
Planning
Engineering
Architecture
Landscape Architecture
Land Surveying
701 W. 7th Avenue, Suite 200
Spokane, Washington 99204
Phone: (509) 458-8840
Fax: (509) 458-6841

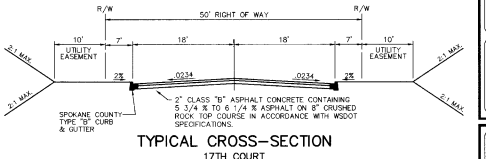


TYPICAL CROSS-SECTION
PROGRESS ROAD

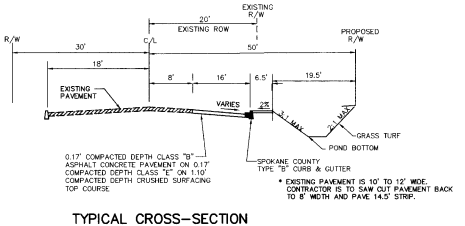
* EXISTING PAVEMENT IS 11.5' TO 12.5' WIDE. CONTRACTOR IS TO SAW CUT PAVEMENT BACK TO 10' WIDTH AND PAVE 6.5' STRIP.



TYPICAL CROSS-SECTION
ST. CHARLES ROAD

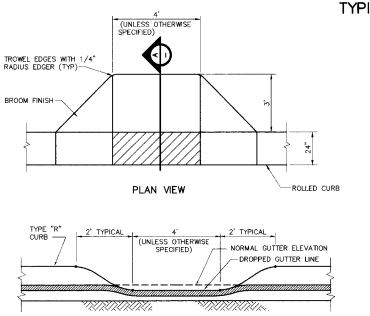


TYPICAL CROSS-SECTION
17TH COURT

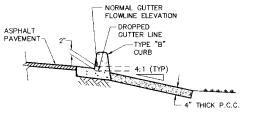


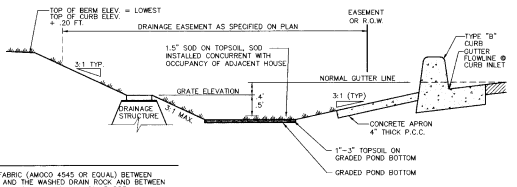
* EXISTING PAVEMENT IS 10' TO 12' WIDE. CONTRACTOR IS TO SAW CUT PAVEMENT BACK TO 8' WIDTH AND PAVE 14.5' STRIP.

TYPICAL CROSS-SECTION
16TH AVENUE



CURB INLET TYPE 1
NOT TO SCALE
1



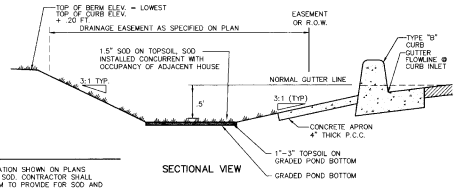


NOTES

* 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.
* POND BOTTOM ELEVATION SHOWN ON PLANS IS FINISHED TOP OF SOD. CONTRACTOR SHALL GRADE POND BOTTOM TO PROVIDE FOR SOD AND TOPSOIL AS NOTED.
* WARNING: THE USE OF SANDY LOAM IS PROHIBITED FROM USE AS POND BOTTOM MATERIAL.

SECTIONAL VIEW

TYPICAL '208' POND WITH DRAINAGE STRUCTURE
NOT TO SCALE



NOTES

* POND BOTTOM ELEVATION SHOWN ON PLANS IS FINISHED TOP OF SOD. CONTRACTOR SHALL GRADE POND BOTTOM TO PROVIDE FOR SOD AND TOPSOIL AS NOTED.
* WARNING: THE USE OF SANDY LOAM IS PROHIBITED FROM USE AS POND BOTTOM MATERIAL.

TYPICAL '208' POND WITHOUT DRAINAGE STRUCTURE
NOT TO SCALE

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: 7-1506
DATE ACCEPTED: 11-24-99
ACCEPTANCE EXPIRES: 11-24-01
PROJECT LANE MILES PUBLIC: 0.12
PROJECT LANE MILES PRIVATE: 0
CONSTRUCTION ACCEPTANCE AND CERTIFIED RECORD DRAWINGS ARE NOT REQUIRED PRIOR TO FINAL ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED: (509) 477-7500
NOTIFY PERMIT ENGINEER 2 WORKING DAYS PRIOR TO CONSTRUCTION.
SPOKANE COUNTY INSPECTED

COUNTY DATUM
SPOKANE COUNTY DATUM PER AUTUMN CREST
CREST 1ST & 2ND ADDITIONS PLANS
EAST FLANGE OF FIRE HYDRANT ON
W. SIDE OD SULLIVAN @ S. PLAT BOUNDARY

DEVELOPER'S APPROVAL 11/9/99

Project Number:
IPE Job Number: 99141
Drawn By: CLK,TTB
Designed By: SKM
Checked By: TRW

THESE PLANS AND INSTRUMENTS OF PROFESSIONAL SERVICE ARE AND PROTECTED BY COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS INCLUDING COPYRIGHT. THEY MAY NOT BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE WRITTEN CONSENT OF IPE ASSOCIATES, INC. IN ACCORDANCE WITH THE ARTICLES OF COLORADO LAND CONSERVATION ACT.

DETAILS
SPRINGFIELD FIRST ADDITION

Sheet Title
STREET PLAN

6 OF 6
Sheet Number