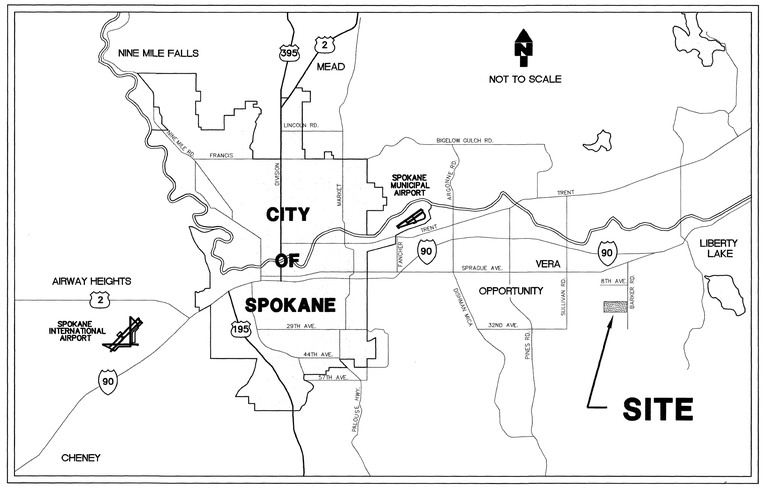
ROAD AND DRAINAGE PLANS FOR:

TURTLE CREEK SOUTH FIRST ADDITION

SPOKANE, WASHINGTON

SE 1/4 OF S.19, T.25 N., R. 45 EAST, W.M.



LOCATION MAP

SCHEDULE OF DRAWINGS

SHEET NO.	PLAN
1	COVER SHEET
2	FINAL PLAT (1 OF 2)
3	FINAL PLAT (2 OF 2)
4	OFF-SITE PEDESTRIAN PATHWAY PLAN - (NOT INCLUDED, PREVIOUSLY CONSTRUCTED) (BY INLAND PACIFIC ENGINEERING)
	ROAD
5	11TH AVENUE STA. 11+60.40 TO STA. 23+80.72
6	11TH AVENUE STA. 23+80.72 TO STA. 33+42.32
7	JESSICA LANE/LINDSAY LANE/GREENACRES ROAD
8	BARKER ROAD STA. 14+01.85 TO STA. 19+12.50
	DRAINAGE
9	OVERALL STORMWATER MASTER PLAN (EAST)
10	OVERALL STORMWATER MASTER PLAN (WEST)
11	DETAIL SHEET
12	EROSION AND SEDIMENT CONTROL PLAN

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
DATE ACCEPTED: 11/1/2001
ACCEPTANCE EXPIRES: 10/11/2004
PROJECT LANE MILES PUBLIC: 0.44
PROJECT LANE MILES PRIVATE: 0.14
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

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 Stormwater Management. All design deviations have been approved by the Spokane County Engineer. I approve these plans for construction.

LEGEND

○	EXIST. MANHOLE		NEW HANDICAP RAMP
DW	EXIST. DRYWELL		NEW CURB INLET
CB	EXIST. CATCH BASIN	MON.	MONUMENT
⋈	EXIST. WATER VALVE	○	NEW SEWER MANHOLE
	EXIST. FIRE HYDRANT	○	NEW CLEAN OUT
— — W — —	EXIST. WATER LINE	⋈	NEW WATER VALVE
1960	EXIST. CONTOUR		NEW FIRE HYDRANT
— — SS — —	EXIST. SANITARY SEWER	W	NEW WATER LINE
— — — — — —	EASEMENT LINE	SS	NEW SANITARY SEWER
	EXIST. ASPHALT		PLAT BOUNDARY
			NEW LOT LINES
			NEW CURB AND GUTTER
			NEW SIDEWALK
			NEW WATER LINE PLUG
			DRAINAGE FLOW
			DRAINAGE DITCH/ROADSIDE SWALE
		2160	FINISH CONTOUR
		TC 2145.00	FINISH GRADE ELEVATION

Developer's Approval Richard D. Dale Mgr. Date 10/29/01

MARK A. ARONSON, STATE OF WASHINGTON, 24681, REGISTERED PROFESSIONAL ENGINEER
EXPIRES 03/10/03

REVISIONS
1. RESUBMITTED FOR FINAL APPROVAL 10/23/01

DWN: CWD DATE: 05/01/01
CK'D: SAA DATE: 03/27/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

TURTLE CREEK SOUTH
FIRST ADDITION
COVER SHEET

SCALE: N/A

1/12

CADD ACCESS NAME: 00-0230OV

Revised (10/12) P-1815A Eng Road & Drainage

TURTLE CREEK SOUTH FIRST ADDITION STORMWATER MASTER PLAN (EAST)

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
DATE ACCEPTED: 11/1/2001
ACCEPTANCE EXPIRES: 10/1/2004
PROJECT LANE MILES PUBLIC:
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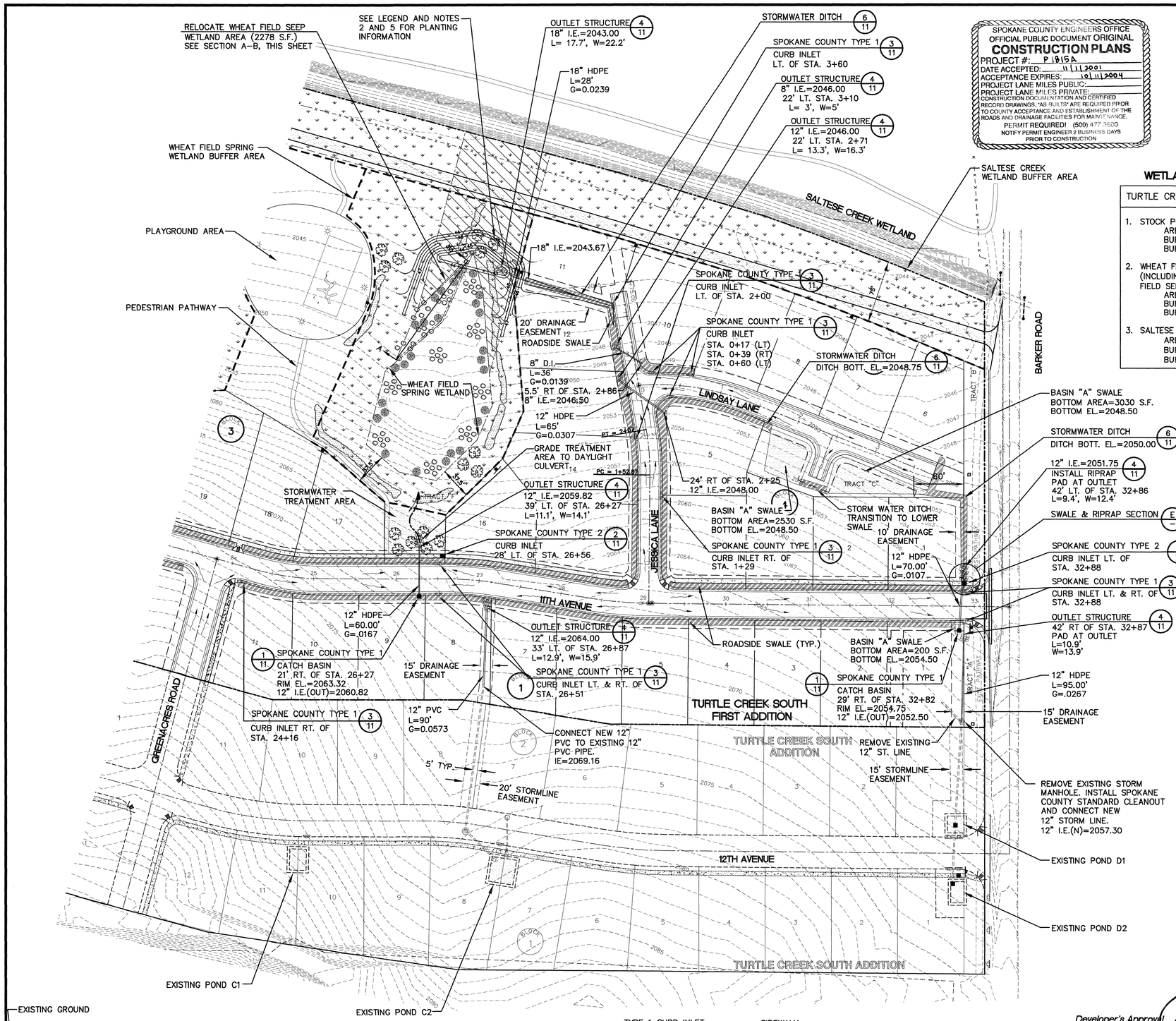


WETLAND BUFFER DATA

TURTLE CREEK SOUTH 1ST ADDITION

1. STOCK POND WETLAND:
   AREA=0.81 ACRES
   BUFFER REQ.=1.74 ACRES
   BUFFER PROV.=1.95 ACRES
2. WHEAT FIELD WETLAND:
   (INCLUDING RELOCATED WHEAT FIELD SEEP WETLAND)
   AREA=0.57 ACRES
   BUFFER REQ.=1.70 ACRES
   BUFFER PROV.=1.70 ACRES
3. SALTESE CREEK WETLAND:
   AREA=N/A
   BUFFER REQ.=75' STRIP
   BUFFER PROV.=75' STRIP

60 30 0 60 120
SCALE FEET
CONTOUR INTERVAL = 1 FOOT

TBM

BASED ON FOUND B.M. NO. 62 PER SPOKANE VALLEY INTERCEPTOR PLANS, CONSTRUCTION PACKAGE NO. V, SHEET 15 OF 20, BY BOVAY ENGINEERS, INC. ELEVATION = 2032.21

LEGEND

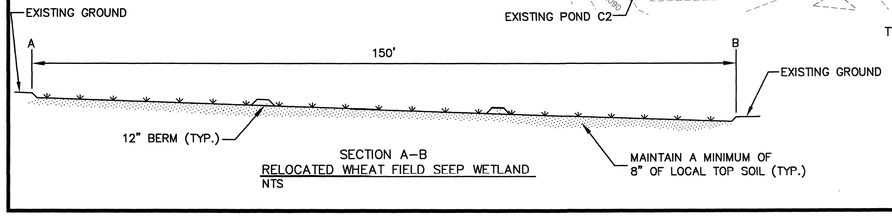
- EXISTING CONTOUR LINE
- PROPOSED ROADWAY
- WETLAND BUFFER ZONE
- STORMWATER OVERFLOW AREA
- STORMWATER TREATMENT AREA
- PROPOSED CATCH BASIN
- PROPOSED STORMWATER MANHOLE
- EXISTING STORMWATER MANHOLE
- DRAINAGE FLOW ARROW
- PROPOSED OUTLET STRUCTURE
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED PEDESTRIAN PATHWAY
- PROPOSED SIDEWALK
- PROPOSED STORMWATER DITCH
- PROPOSED CURB INLET
- PROJECT PHASE BOUNDARY
- PROPOSED SIDEWALK INLET
- WETLAND BUFFER TREE
- WETLAND BUFFER SHRUB
- WETLAND TREE
- WETLAND SHRUB
- WETLAND BUFFER BOUNDARY MARKER

GENERAL NOTES:

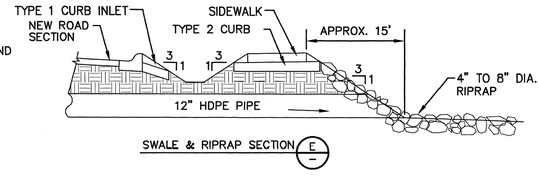
1. WETLAND AND BUFFER AREAS ARE SHOWN BASED ON THE "WETLAND EVALUATION AND DELINEATION OF TURTLE CREEK SOUTH REPORT", AS COMPLETED BY GEOGRAPHICAL SERVICES, 1996.
2. WETLAND AND BUFFER PLANTING IS SHOWN BASED ON THE "DETAILED WETLAND MITIGATION PLAN FOR TURTLE CREEK SOUTH REPORT", AS COMPLETED BY GEOGRAPHICAL SERVICES, 1999.
3. WETLAND MANAGEMENT AND MONITORING WILL BE CONDUCTED BY THE TURTLE CREEK SOUTH HOMEOWNERS ASSOCIATION (HOA), AS DIRECTED BY GEOGRAPHICAL SERVICES AND RT DEVELOPMENT.
4. WETLAND BUFFER AND ADJACENT STORMWATER TREATMENT AREAS TO BE PLANTED WITH A STREAM BANK WHEATGRASS. THESE AREAS ARE TO BE MAINTAINED BY THE HOA AND ARE TO BE LEFT UNMOWED.
5. WETLAND SHRUBS SHALL INCLUDE, BUT NOT BE LIMITED TO: WILLOW, COTTONWOOD, AND RED–OSIER DOGWOOD. WETLAND TREES SHALL INCLUDE, BUT NOT BE LIMITED TO: ASPEN, POPULAR AND SPRING BIRCH. PLANTING SHALL BE ACCOMPLISHED IN TRIANGULAR CENTERS, FORMING NATURAL CLUSTERS. SEE APPROVED WETLAND MITIGATION PLAN FOR A DETAILED LIST OF ACCEPTABLE PLANT MATERIALS.
6. 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 TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA 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 GPA 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.

CALL BEFORE YOU DIG 456–8000
ONE CALL NUMBER 48 HR. NOTICE REQUIRED

Developer's Approval Richard J. Schultz Mgr. Date 10/29/01



SECTION A–B
RELOCATED WHEAT FIELD SEEP WETLAND
NTS



SWALE & RIPRAP SECTION E

MARK A. ARONSON STATE OF WASHINGTON 24631 REGISTERED PROFESSIONAL ENGINEER 10/29/01
EXPIRES 03/10/03

REVISIONS
1. REVISED PER REVIEW COMMENTS DATED 5/30/01
2. RESUBMITTED FOR FINAL APPROVAL 10/23/01

DWN: CWD DATE: 05/01/01
CK'D: SAA DATE: 04/18/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SCALE: 1"=60'

SHEET 9 OF 12

TURTLE CREEK SOUTH FIRST ADDITION STORMWATER MASTER PLAN EAST

CADD FILE: 0002301

Revised (2x3)

P-1815 A Eng Book & Drainage

TURTLE CREEK SOUTH FIRST ADDITION STORMWATER MASTER PLAN (WEST)

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
DATE ACCEPTED: 11/11/2001
ACCEPTANCE EXPIRES: 10/11/2004
PROJECT LANE MILES PUBLIC: 0.44
PROJECT LANE MILES PRIVATE: 0.14
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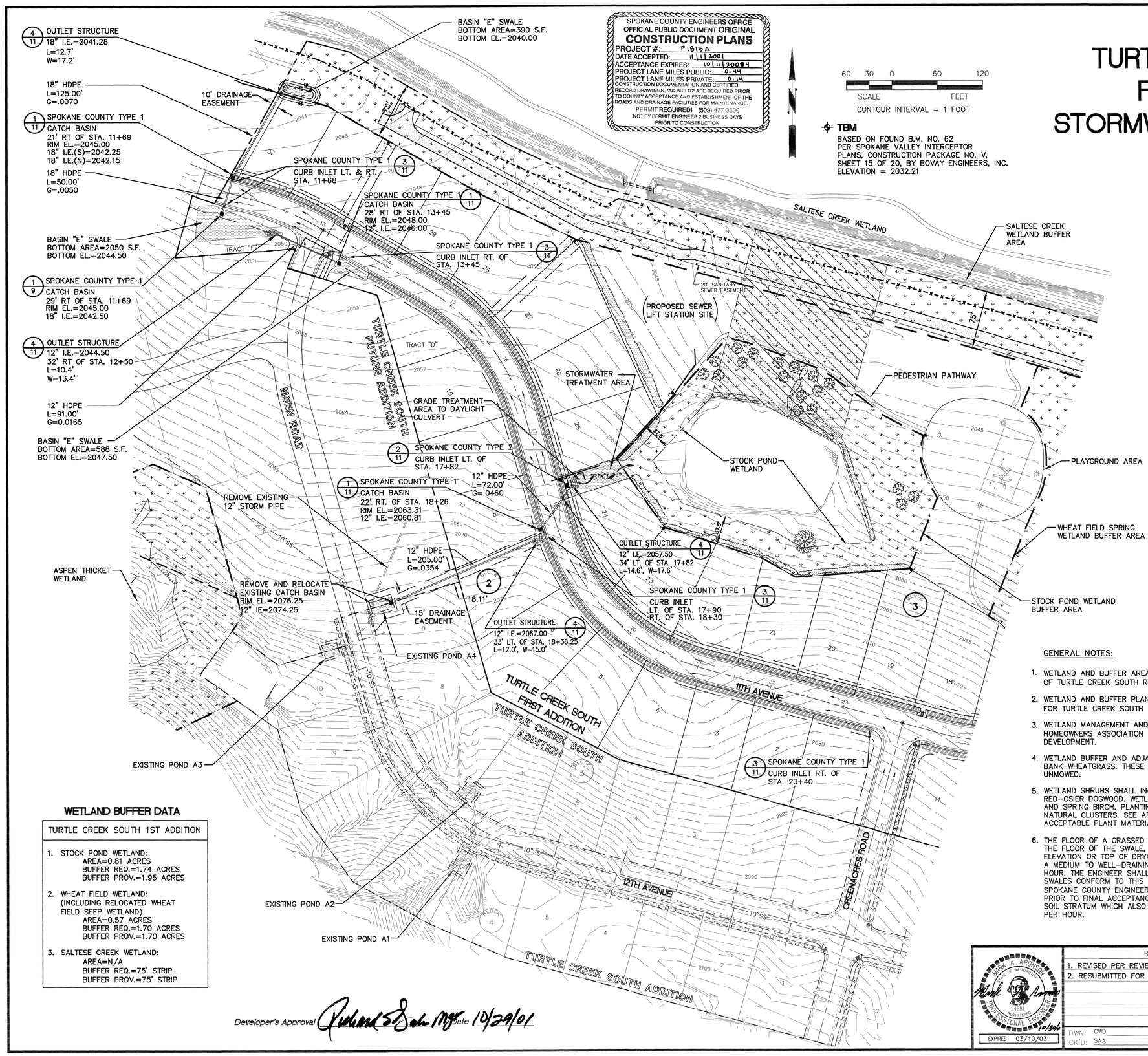
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

60 30 0 60 120
SCALE FEET
CONTOUR INTERVAL = 1 FOOT

TBM
BASED ON FOUND B.M. NO. 62 PER SPOKANE VALLEY INTERCEPTOR PLANS, CONSTRUCTION PACKAGE NO. V, SHEET 15 OF 20, BY BOVAY ENGINEERS, INC.
ELEVATION = 2032.21



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CALL BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

Developer's Approval Richard S. Sabo Mgr. Date 10/29/01

MARK A. ARONSON
STATE OF WASHINGTON
24681
REGISTERED PROFESSIONAL ENGINEER
10/30/01
EXPIRES 03/10/03

REVISIONS
1. REVISED PER REVIEW COMMENTS DATED 5/30/01
2. RESUBMITTED FOR FINAL APPROVAL 10/23/01

DWN: CWD DATE: 04/25/01
CK'D: SAA DATE: 04/26/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SCALE: 1"=60'

SHEET 10 OF 12

TURTLE CREEK SOUTH
FIRST ADDITION
STORMWATER MASTER PLAN WEST

CADD FILE: 0002G2

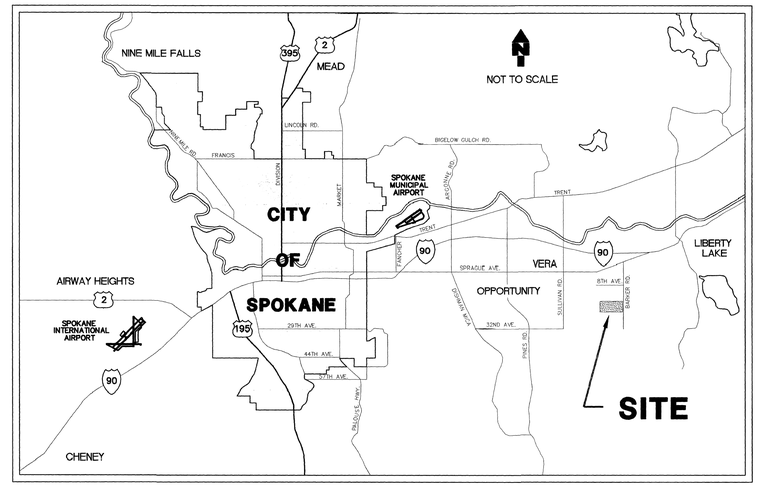
Revised (3/03) P1815A Eng Road & Drainage

ROAD AND DRAINAGE PLANS FOR:

TURTLE CREEK SOUTH FIRST ADDITION

SPOKANE, WASHINGTON

SE 1/4 OF S.19, T.25 N., R. 45 EAST, W.M.



LOCATION MAP

SCHEDULE OF DRAWINGS

SHEET NO.	PLAN
1	COVER SHEET
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7	JESSICA LANE/LINDSAY LANE/GREENACRES ROAD
8	BARKER ROAD STA. 14+01.85 TO STA. 19+12.50
	DRAINAGE
9	OVERALL STORMWATER MASTER PLAN (EAST) (REPLACED BY STORMWATER SHEET 1 OF 3)
10	OVERALL STORMWATER MASTER PLAN (WEST) (REPLACED BY STORMWATER SHEET 2 OF 3)
11	DETAIL SHEET (ADDED STORMWATER SHEET 3 OF 3)
12	EROSION AND SEDIMENT CONTROL PLAN

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
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LEGEND

	EXIST. MANHOLE		NEW HANDICAP RAMP
DW	EXIST. DRYWELL		NEW CURB INLET
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			NEW CURB AND GUTTER
			NEW SIDEWALK
			NEW WATER LINE PLUG
			DRAINAGE FLOW
			DRAINAGE DITCH/ROADSIDE SWALE
		2160	FINISH CONTOUR
		TC 2145.00	FINISH GRADE ELEVATION

Developer's Approval [signature] Mgr. Date 10/10/1

MARK A. ARONSON, STATE OF WASHINGTON, 24681, REGISTERED PROFESSIONAL ENGINEER, 10/9/01
EXPIRES 03/10/03

REVISIONS

DWN: CWD DATE: 05/01/01
CK'D: SAA DATE: 03/27/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SCALE: N/A

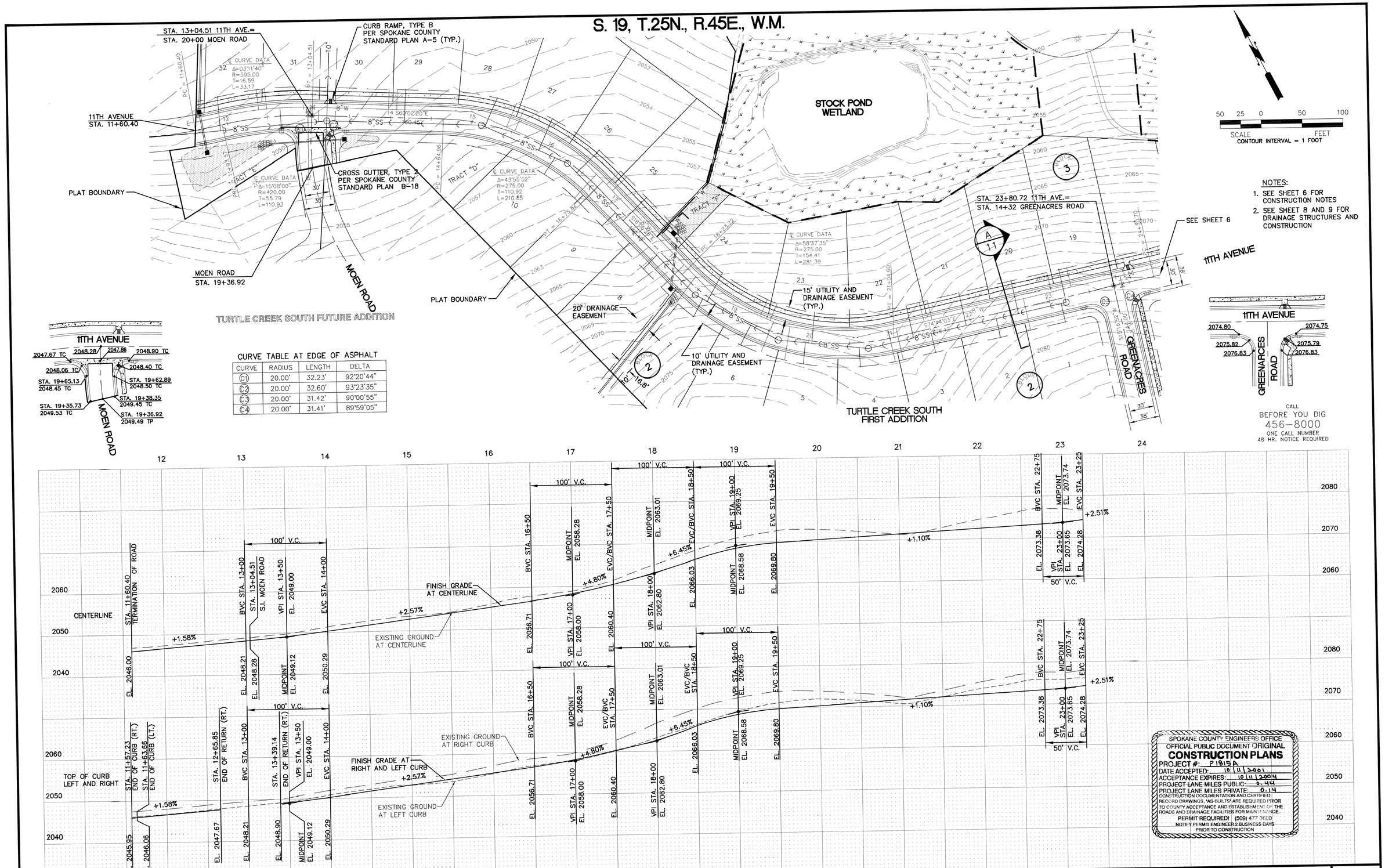
1 / 12

TURTLE CREEK SOUTH
FIRST ADDITION
COVER SHEET

CADD ACCESS NAME: 00-023COV

P1815A Eng Road + Drainage

S. 19, T.25N., R.45E., W.M.



CURVE TABLE AT EDGE OF ASPHALT

CURVE	RADIUS	LENGTH	DELTA
C1	20.00'	32.23'	92°20'44"
C2	20.00'	32.60'	93°23'35"
C3	20.00'	31.42'	90°00'55"
C4	20.00'	31.41'	89°59'05"

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
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NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

No.	Date	By	Ckd.	Appr.	Revisions

		Date
Drawn	CWD	05/01/01
Designed	SAA	03/27/01
Checked	MAA	05/01/01

MARK A. ARONSON — STATE OF WASHINGTON — 24581 — REGISTERED PROFESSIONAL ENGINEER — 10/9/01 — EXPIRES 03/10/03

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260-0170
477-3600

Developer's Approval Richard D. Baker Mgr. Date 10/10/1

TBM
BASED ON FOUND B.M. NO. 62
PER SPOKANE VALLEY INTERCEPTOR
PLANS, CONSTRUCTION PACKAGE NO.
V, SHEET 15 OF 20, BY BOVAY
ENGINEERS, INC.
ELEVATION = 2032.21

SCALE
HORIZ. 1"=50'
VERT. 1"=10'
CADD FILE: 00-023R1

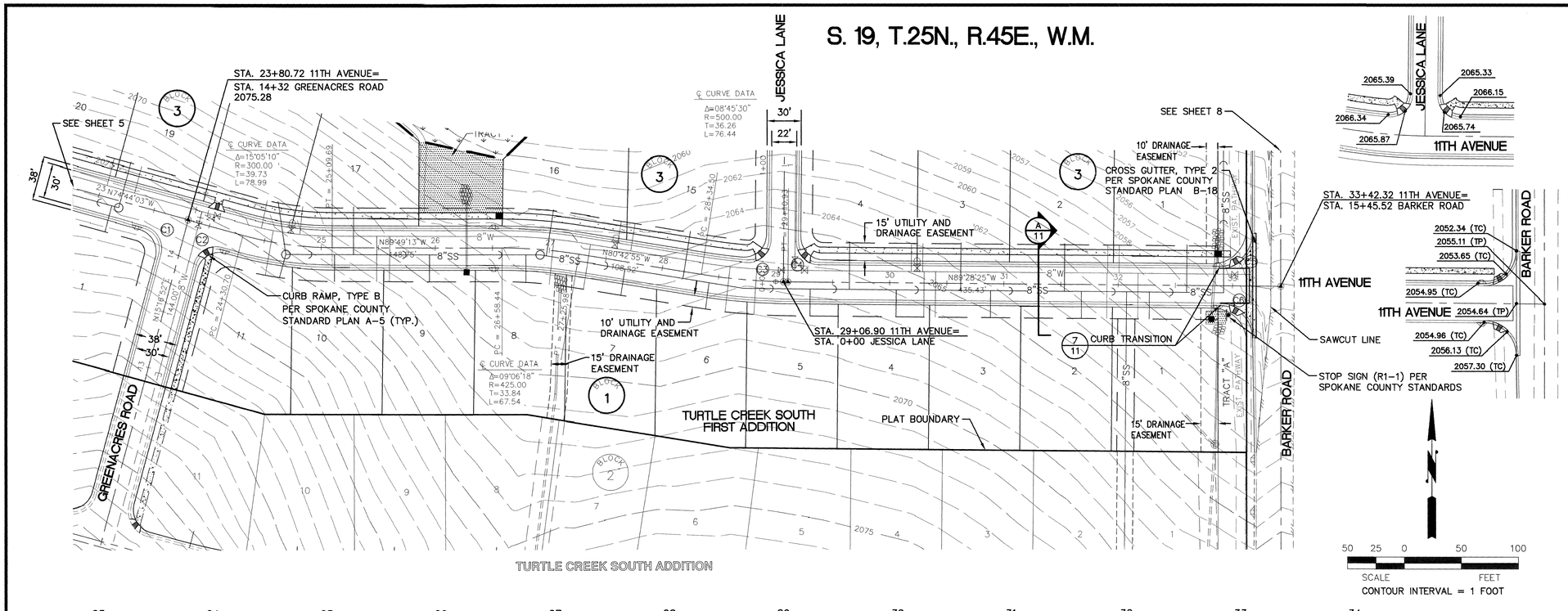
TURTLE CREEK SOUTH
FIRST ADDITION

11TH AVENUE
STA. 11+60.40 TO STA. 23+80.72

ROAD
SHEET 5 / 12

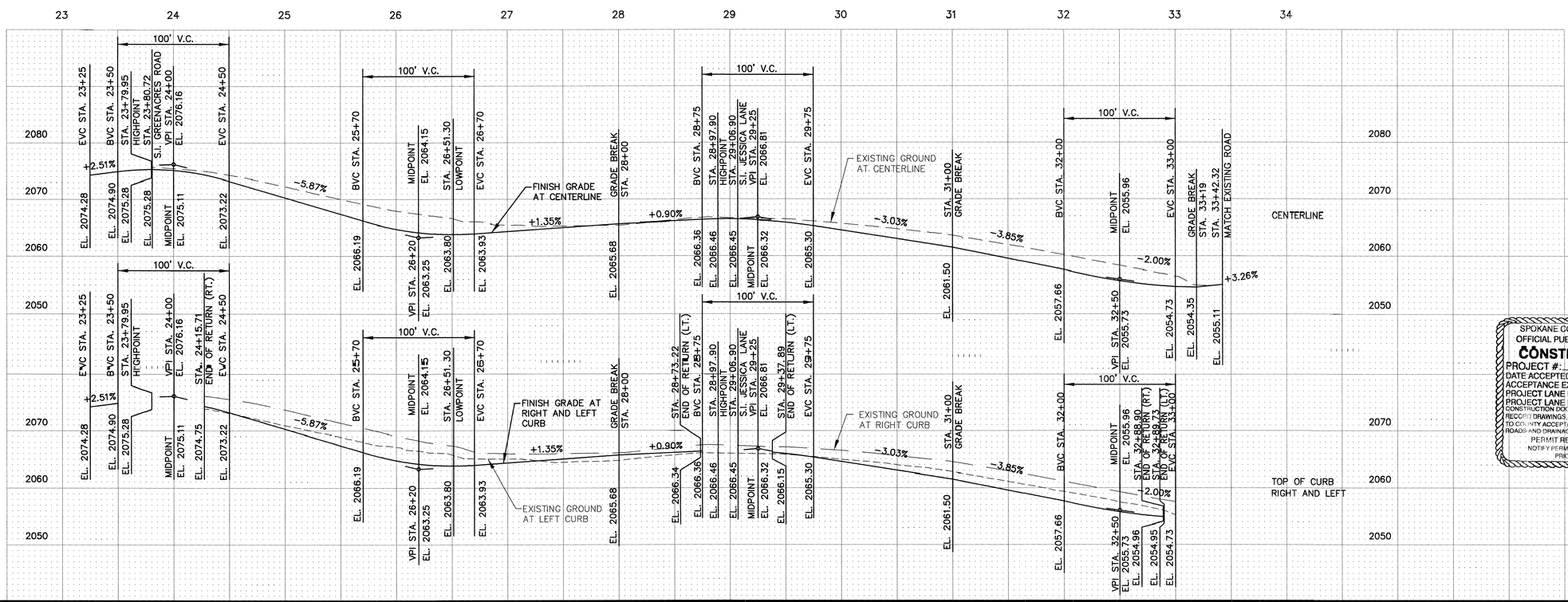
P1815A Engineering

S. 19, T.25N., R.45E., W.M.



NOTES:

1. STREET NAME SIGNS SHALL BE INSTALLED PER SPOKANE COUNTY STANDARDS.
2. CONTRACTOR SHALL INSTALL FILTER FABRIC OVER CATCH BASIN GRATES DURING CONSTRUCTION AND PERIODICALLY CLEAN DEBRIS COLLECTED ON FABRIC. IF THE FILTER FABRIC, FOR ANY REASON, IS REMOVED DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN OUT THE CATCH BASIN AND REPLACE FILTER FABRIC.
3. ALL WORK AND MATERIALS SHALL BE IN CONFORMANCE WITH "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION" 1999, AND AS AMENDED.
4. 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.
5. 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.
6. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCIES BETWEEN THE PLANS AND EXISTING CONDITIONS ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN ENGINEER AND THE SPOKANE COUNTY ENGINEER'S OFFICE.
7. PRIOR TO SITE CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. CALL THE UNDERGROUND UTILITY LOCATION SERVICE AT 456-8000 BEFORE YOU DIG.
8. CENTERLINE MONUMENTS SHALL BE INSTALLED AT ALL INTERSECTIONS.
9. FOR ANY CURB GRADES LESS THAN 0.8% (.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 CRB MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR ARRANGING AND COORDINATING WORK WITH THE PROFESSIONAL LAND SURVEYOR.
10. THE CONTRACTOR SHALL EMPLOY A LICENDED SURVEYOR TO VERIFY THAT THE CROSS-GUTTER FORMS ARE AT THE CORRECT PLANE GRADE PRIOR TO CONCRETE PLACEMENT. THE CROSS-GUTTERS SHAL BE CONSTRUCTED PRIOR TO PAVING, AND THE PAVEMENT SHALL THEN MATCH THE EDGE OF CONCRETE GUTTER.
11. SEE SHEETS 9 AND 10 FOR DRAINAGE STRUCTURES AND CONSTRUCTION.



CURVE TABLE AT EDGE OF ASPHALT

CURVE	RADIUS	LENGTH	DELTA
C1	20.00'	31.42'	90°00'55"
C2	20.00'	31.41'	89°59'05"
C3	20.00'	32.92'	94°19'16"
C4	20.00'	31.42'	89°59'53"
C5	30.00'	47.40'	90°31'42"
C6	30.00'	46.85'	89°28'18"

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
DATE ACCEPTED: 10/11/2001
ACCEPTANCE EXPIRES: 10/11/2004
PROJECT LANE MILES PUBLIC: 0.44
PROJECT LANE MILES PRIVATE: 0.14
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

No.	Date	By	Ckd.	Appr.	Revisions
1.	6/7/01	GRG	MAA	MAA	REVIEW COMMENTS DATED 5/30/01

Drawn CWD 05/01/01
Designed SAA 03/27/01
Checked MAA 05/01/01

MARK A. ARONSON, STATE OF WASHINGTON, 24681, REGISTERED PROFESSIONAL ENGINEER, 10/10/01
EXPIRES 03/10/03

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 326-8224

Developer's Approval Richard O'Dea Mgr Date 10/10/1

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260-0170
477-3600

TBM
BASED ON FOUND B.M. NO. 62 PER SPOKANE VALLEY INTERCEPTOR PLANS, CONSTRUCTION PACKAGE NO. V, SHEET 15 OF 20, BY BOVAY ENGINEERS, INC.
ELEVATION = 2032.21

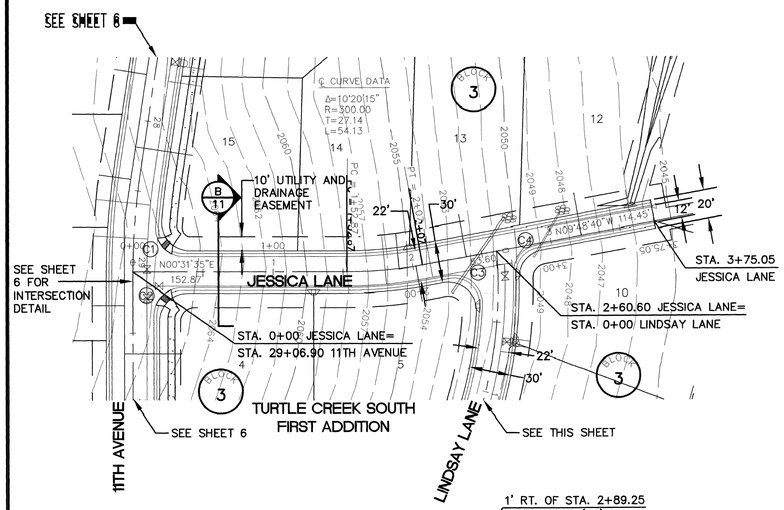
SCALE
HORIZ. 1"=50'
VERT. 1"=10'
CADD FILE: 00-023R2

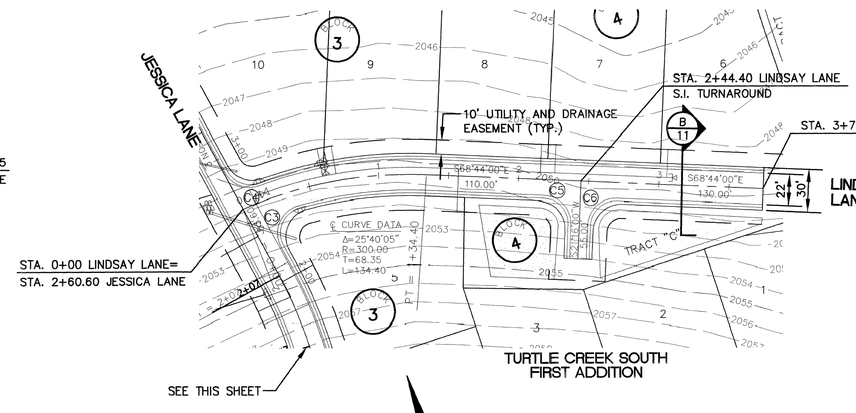
TURTLE CREEK SOUTH FIRST ADDITION
11TH AVENUE
STA. 23+80.72 TO STA. 33+42.32

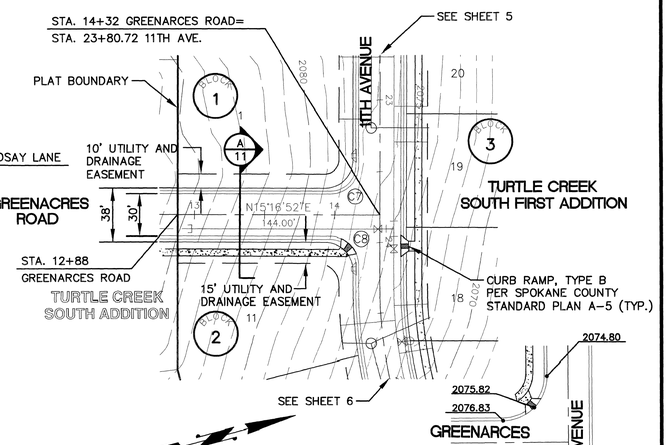
ROAD
SHEET 6 / 12

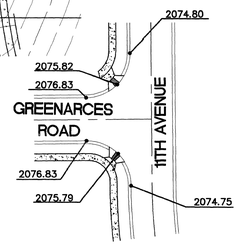
P1815A Eng Roads Drainage

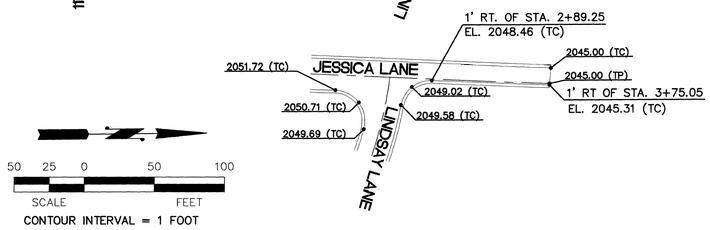
S. 19, T.25N., R.45E., W.M.





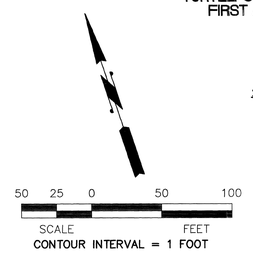


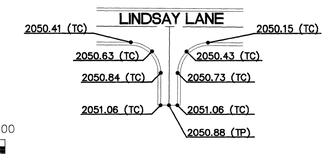


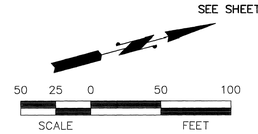


CURVE TABLE AT EDGE OF ASPHALT

CURVE	RADIUS	LENGTH	DELTA
C1	20.00'	32.92'	94°19'16"
C2	20.00'	31.42'	89°59'53"
C3	20.00'	35.86'	102°43'54"
C4	20.00'	28.43'	81°26'14"
C5	20.00'	31.42'	90°00'00"
C6	20.00'	31.42'	90°00'00"
C7	20.00'	31.42'	90°00'55"
C8	20.00'	31.41'	89°59'05"



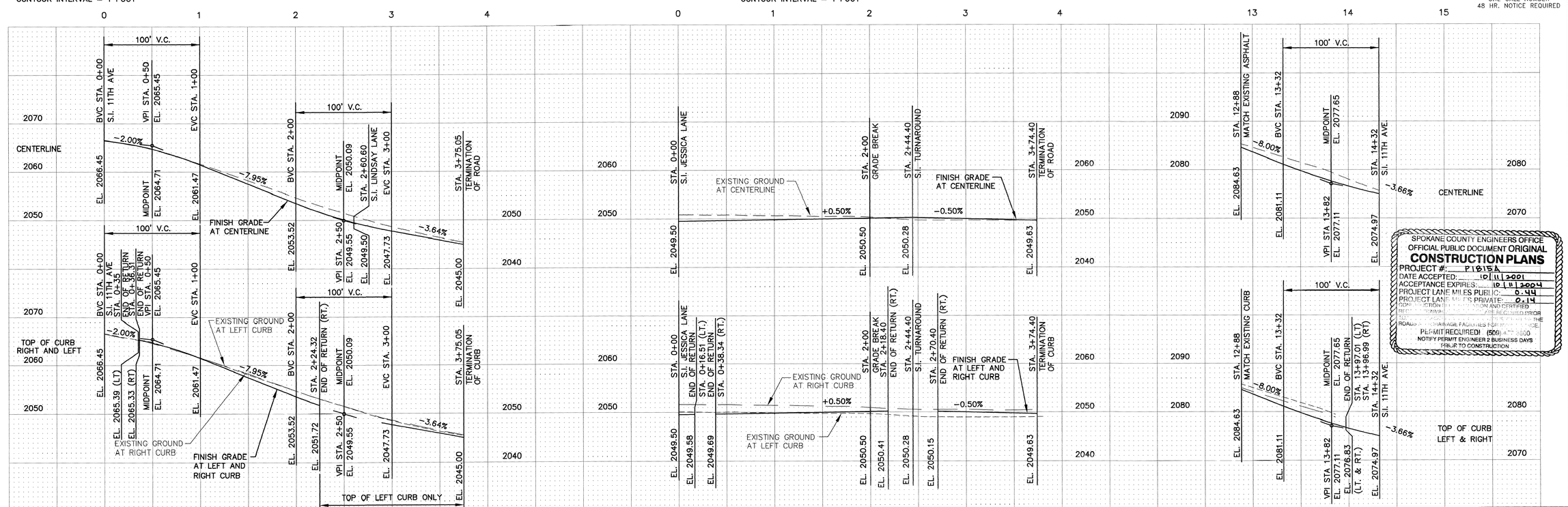




NOTES:

1. SEE SHEET 6 FOR CONSTRUCTION NOTES.
2. SEE SHEETS 9 & 10 FOR DRAINAGE STRUCTURES AND CONSTRUCTION.

CALL BEFORE YOU DIG 456-8000 ONE CALL NUMBER 48 HR. NOTICE REQUIRED



SPOKANE COUNTY ENGINEERS OFFICE
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PROJECT #: P1815A
DATE ACCEPTED: 10/11/2001
ACCEPTANCE EXPIRES: 10/11/2004
PROJECT LANE MILES PUBLIC: 0.44
PROJECT LANE MILES PRIVATE: 0.14
CONSTRUCTION MUST COMMENCE WITHIN TWO YEARS OF ACCEPTANCE AND CERTIFIED REPRESENTATIVE OF ENGINEER REQUIRED PRIOR TO ROAD AND DRAINAGE FACILITIES FOR PUBLIC USE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

No.	Date	By	Ckd.	Appr.	Revisions

		Date
Drawn	CWD	05/01/01
Designed	SAA	03/27/01
Checked	MAA	05/01/01

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 10/9/01 — EXPIRES 03/10/03

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

Developer's Approval Richard D. Sahlmann Date 10/10/1

SPOKANE COUNTY PUBLIC WORKS
DIVISION OF ENGINEERING AND ROADS
W. 1026 Broadway Ave.
Spokane Wa. 99260-0170
477-3600

TBM
BASED ON FOUND B.M. NO. 62 PER SPOKANE VALLEY INTERCEPTOR PLANS, CONSTRUCTION PACKAGE NO. V, SHEET 15 OF 20, BY BOVAY ENGINEERS, INC.
ELEVATION = 2032.21

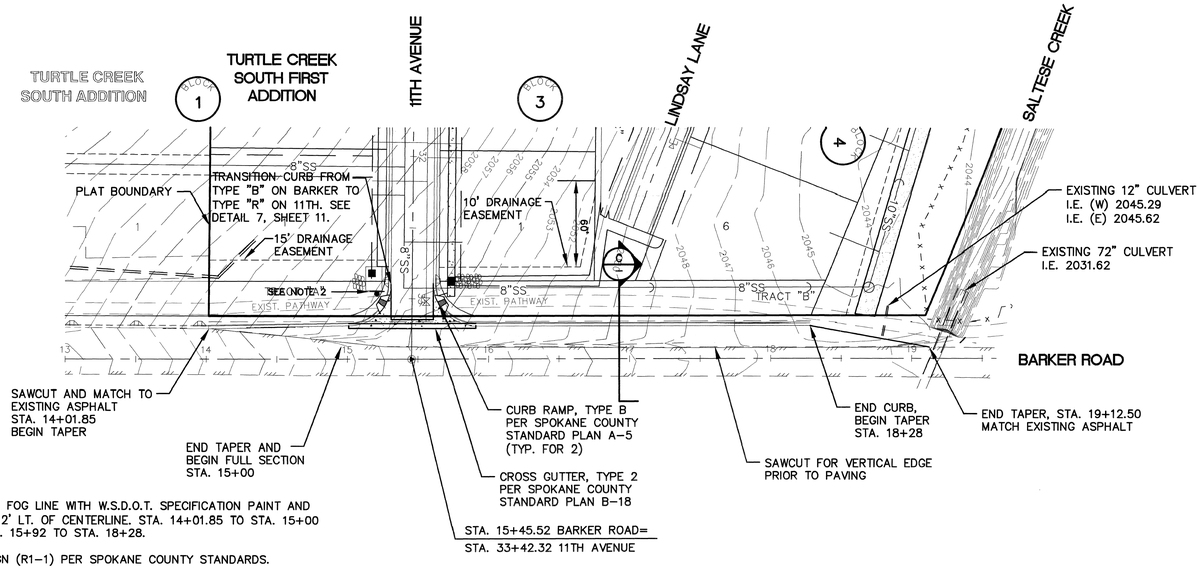
SCALE
HORIZ. 1"=50'
VERT. 1"=10'
CADD FILE: 00-023R3

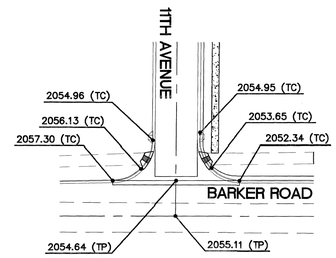
TURTLE CREEK SOUTH FIRST ADDITION
JESSICA LANE STA. 0+00 TO 3+75.05
LINDSAY LANE STA. 0+00 TO 3+74.40
GREENACRES ROAD STA. 12+88 TO 14+32

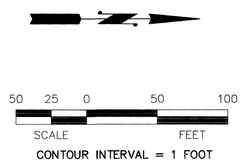
ROAD
SHEET 7 / 12

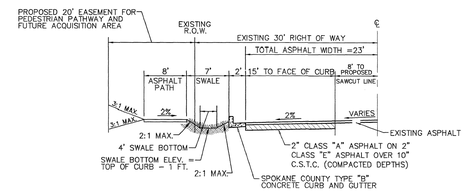
P1815A Engineered Drawings

S. 19, T.25N., R.45E., W.M.







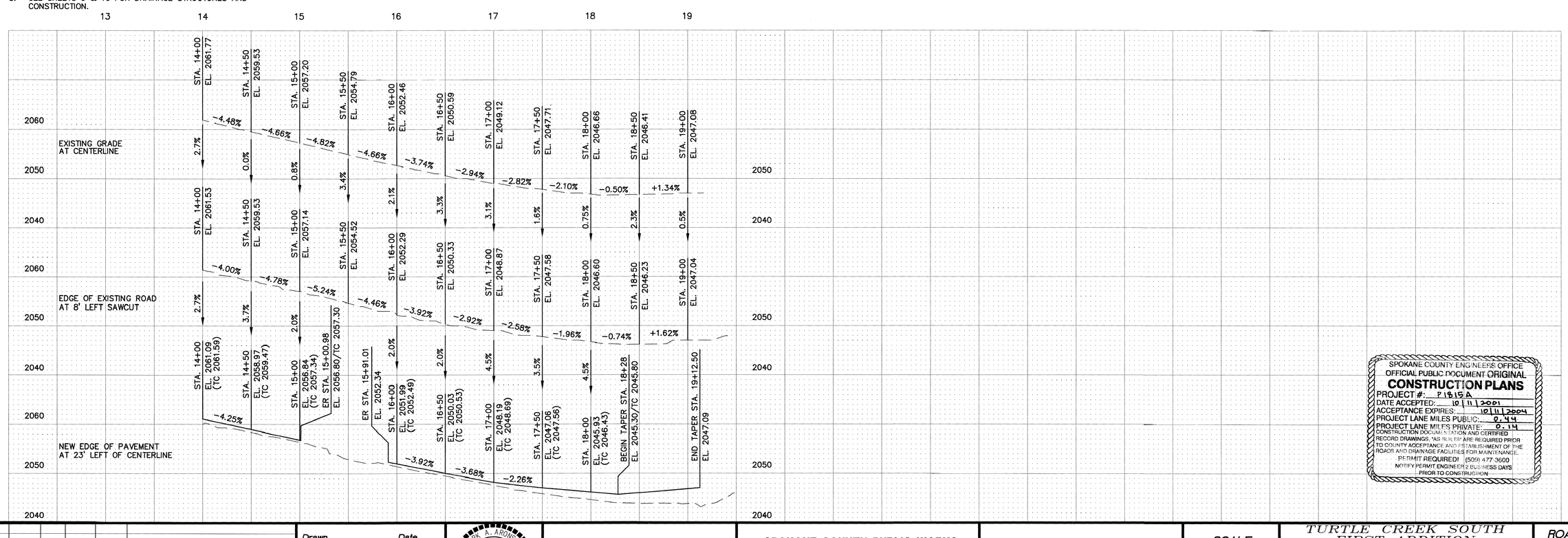


C — BARKER ROAD CROSS-SECTION
NOT TO SCALE

NOTES:

1. 4" WHITE FOG LINE WITH W.S.D.O.T. SPECIFICATION PAINT AND BEADS, 12' LT. OF CENTERLINE. STA. 14+01.85 TO STA. 15+00 AND STA. 15+92 TO STA. 18+28.
2. STOP SIGN (R1-1) PER SPOKANE COUNTY STANDARDS.
3. TAPER STA. 18+28 (23' LT.) TO STA. 19+12.50 (APPROX. 8' LT.). CROSS SLOPE TAPER AT 2% (MIN.) FROM SAWCUT.
4. SEE SHEET 6 FOR CONSTRUCTION NOTES.
5. SEE SHEETS 9 & 10 FOR DRAINAGE STRUCTURES AND CONSTRUCTION.

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED



SPOKANE COUNTY ENGINEERS OFFICE
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PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

No.	Date	By	Ckd.	Appr.	Revisions

Drawn	CWD	05/01/01
Designed	SAA	03/27/01
Checked	MAA	05/01/01

MARK A. AROMSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER — 10/9/01
EXPIRES 03/10/03

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SPOKANE COUNTY PUBLIC WORKS
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Spokane Wa. 99260-0170
477-3600

Developer's Approval Richard D. Baker Mgr Date 10/10/1

TBM
BASED ON FOUND B.M. NO. 62 PER SPOKANE VALLEY INTERCEPTOR PLANS, CONSTRUCTION PACKAGE NO. V, SHEET 15 OF 20, BY BOVAY ENGINEERS, INC. ELEVATION = 2032.21

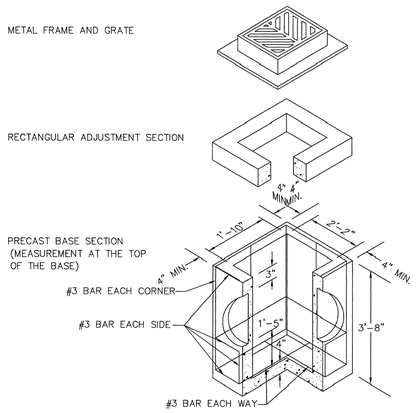
SCALE
HORIZ. 1"=50'
VERT. 1"=10'
CADD FILE: 00023R4

TURTLE CREEK SOUTH FIRST ADDITION

BARKER ROAD
STA. 14+01.85 TO STA. 19+12.50

ROAD
SHEET 8 / 12

P 1815A Eng Road & Drainage

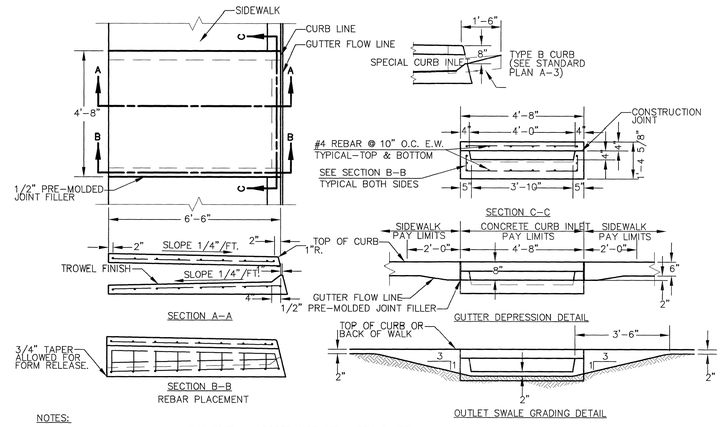


NOTES:

1. CATCH BASINS TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (AASHTO M 199) & ASTM C 890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A 497 (AASHTO M 221). WIRE FABRIC SHALL NO BE PLACED IN THE KNOCKOUTS.
3. THE BOTTOM OF THE PRECAST SECTION MAY BE ROUNDED.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN.
5. KNOCKOUTS MAY BE ON ALL 4 SIDES WITH A MAXIMUM DIAMETER OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPED. PIPE TO BE INSTALLED IN FACTORY SUPPLIED
6. KNOCKOUTSOR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAMETER PLUS CATCH BASIN WALL THICKNESS.
7. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2"/FT.
9. CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATIONS RR-F-621D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.

1 / 9,10 SPOKANE COUNTY TYPE 1 CATCH BASIN

NOT TO SCALE

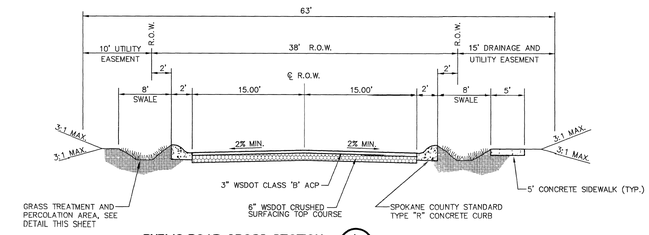


NOTES:

1. 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.
2. TOP SURFACE TO BE BROOM FINISHED.
3. TALL EXTERNAL EDGES NOT LABELED SHALL BE TROWELLED WITH 1/4" RADIUS EDGER.

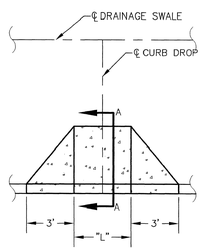
2 / 9,10 SPOKANE COUNTY TYPE 2 CURB INLET

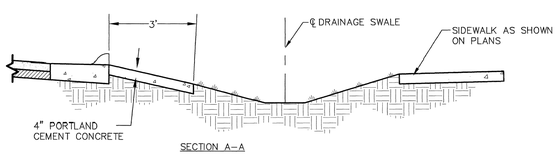
NOT TO SCALE



PUBLIC ROAD CROSS-SECTION A / 5-7

N.T.S.



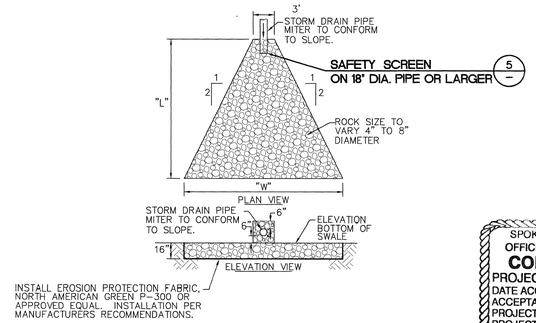


NOTES:

1. 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.
2. TOP SURFACE TO BE BROOM FINISHED.
3. ALL EXTERNAL EDGES NOT LABELED SHALL BE TROWELLED WITH 1/4" RADIUS EDGER.
4. DIMENSION "L" SHALL BE SHOWN ON PLANS.

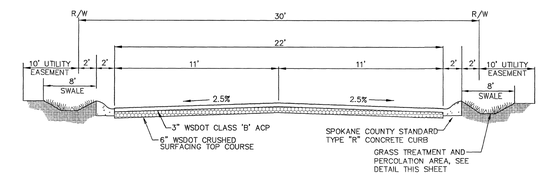
3 / 9,10 SPOKANE COUNTY TYPE 1 CURB INLET

NOT TO SCALE



4 / 9,10 OUTLET STRUCTURE

NOT TO SCALE



PRIVATE ROAD CROSS-SECTION B / 7

N.T.S.

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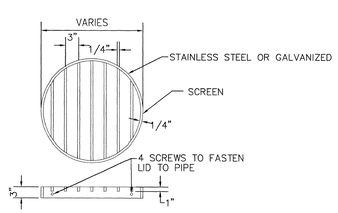
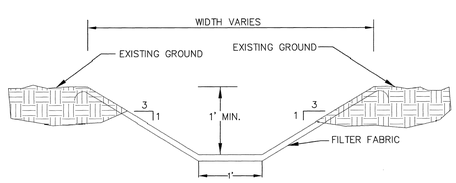
PERMIT REQUIRED! (509) 477 3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



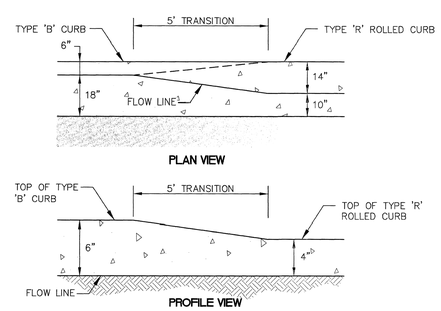
5 / - SAFETY SCREEN

NOT TO SCALE



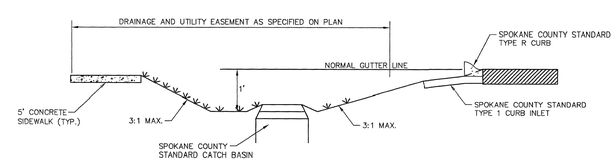
6 / 9,10 STORMWATER DITCH

NOT TO SCALE



7 / 6,8 CURB TRANSITION

NOT TO SCALE



GRASS TREATMENT AND PERCOLATION AREA WITH DRAINAGE STRUCTURE D / -

N.T.S.

Richard D. Baker Mgr. 10/9/1

MARK A. ARONSON STATE OF WASHINGTON 24681 REGISTERED PROFESSIONAL ENGINEER 10/9/01
EXPIRES 03/10/03

REVISIONS

DWN: CWD DATE: 05/01/01
CK'D: SAA DATE: 04/19/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SCALE: N.T.S.

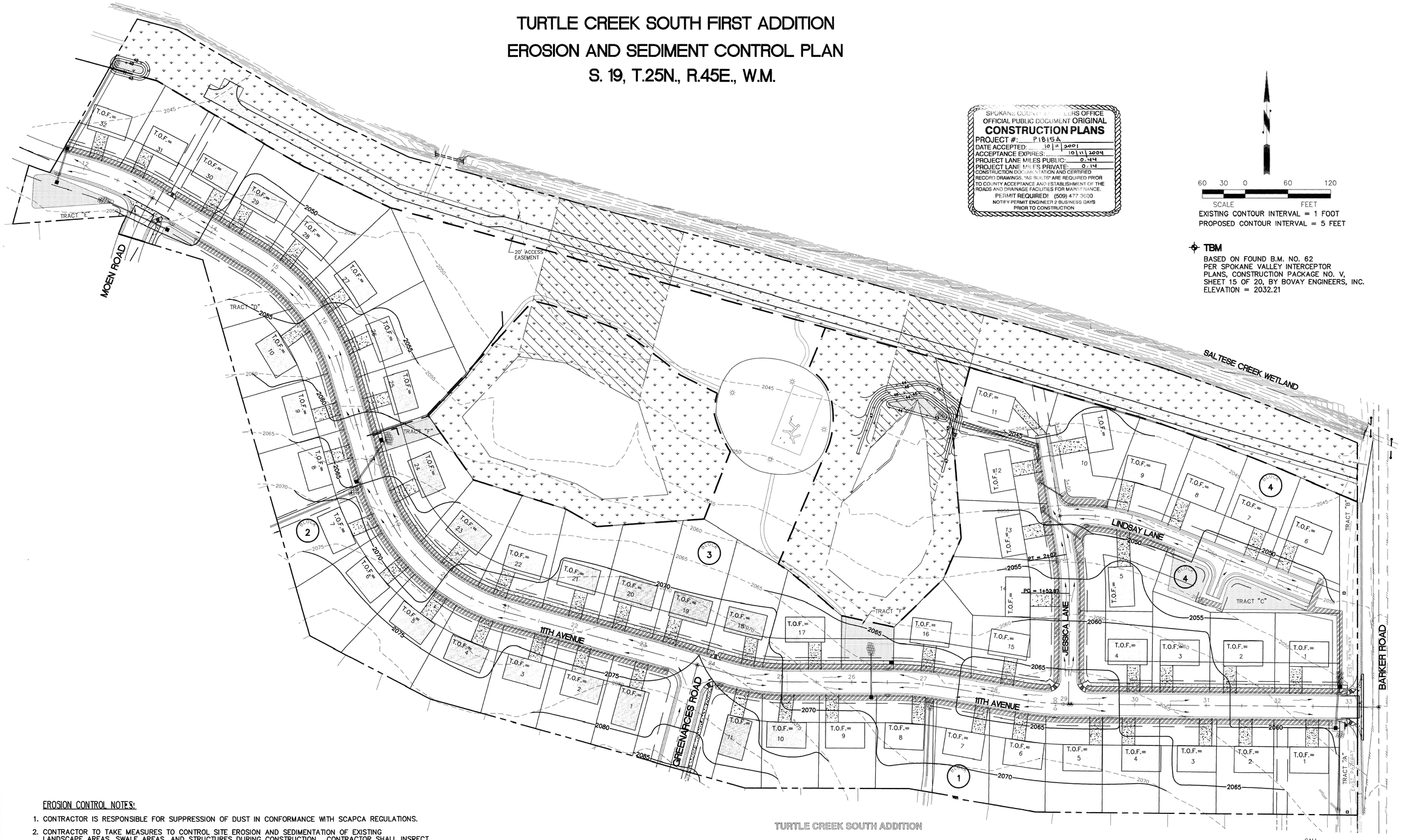
SHEET 11 OF 12

TURTLE CREEK SOUTH
FIRST ADDITION
DETAIL SHEET

CADD FILE: 000230ET

P1815A Eng Road & Drainage

TURTLE CREEK SOUTH FIRST ADDITION
EROSION AND SEDIMENT CONTROL PLAN
S. 19, T.25N., R.45E., W.M.



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60 30 0 60 120
SCALE FEET

EXISTING CONTOUR INTERVAL = 1 FOOT
PROPOSED CONTOUR INTERVAL = 5 FEET

TBM
BASED ON FOUND B.M. NO. 62
PER SPOKANE VALLEY INTERCEPTOR
PLANS, CONSTRUCTION PACKAGE NO. V,
SHEET 15 OF 20, BY BOVAY ENGINEERS, INC.
ELEVATION = 2032.21

CALL
BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR SUPPRESSION OF DUST IN CONFORMANCE WITH SCAPCA REGULATIONS.
2. CONTRACTOR TO TAKE MEASURES TO CONTROL SITE EROSION AND SEDIMENTATION OF EXISTING LANDSCAPE AREAS, SWALE AREAS, AND STRUCTURES DURING CONSTRUCTION. CONTRACTOR SHALL INSPECT AND MAINTAIN THESE MEASURES AFTER EACH SIGNIFICANT RUNOFF EVENT.
3. CONTRACTOR TO TAKE NECESSARY MEASURES TO AVOID TRACKING SEDIMENT OFF THE SITE OR ONTO PUBLIC RIGHT OF WAY. CONTRACTOR MAY HAVE TO CONSTRUCT A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT. ANY DEBRIS OR SEDIMENT THAT IS TRACKED OFF THE SITE SHALL BE CLEANED UP BY CONTRACTOR.
4. CONTRACTOR TO TAKE NECESSARY MEASURES TO AVOID DAMAGE TO THE SALTESE CREEK OR ITS BANKS.
5. REMOVE ALL TEMPORARY EROSION CONTROL MEASURES WITHIN 30 DAYS AFTER STABILIZATION OF TRIBUTARY AREAS.
6. THE EROSION/SEDIMENTATION CONTROL MEASURERS SHOWN ARE THE MINIMUM REQUIREMENTS FOR THE SITE CONDITION. 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 THE SITE, OR INTO NEW/EXISTING STORM DRAINAGE FACILITIES, SUCH AS DRYWELLS AND CULVERTS.
7. GEOTEXTILE FABRIC IS TO BE PLACED ON THE RIMS OF DRYWELLS, CATCH BASINS, AND INLETS UNTIL SUCH TIME THAT THE VEGETATION ON SITE IS ESTABLISHED AND THE THREAT OF SEDIMENT DEPOSITION INTO THE DRAINAGE SYSTEM IS MITIGATED.

Developer's Approval [signature] Date 10/10/1

MARK A. ARONSON — STATE OF WASHINGTON — 24681 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES 03/10/03

REVISIONS

DWN: CWD DATE: 05/01/01
CK'D: SAA DATE: 03/27/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SCALE: 1"=60'

SHEET 12 OF 12

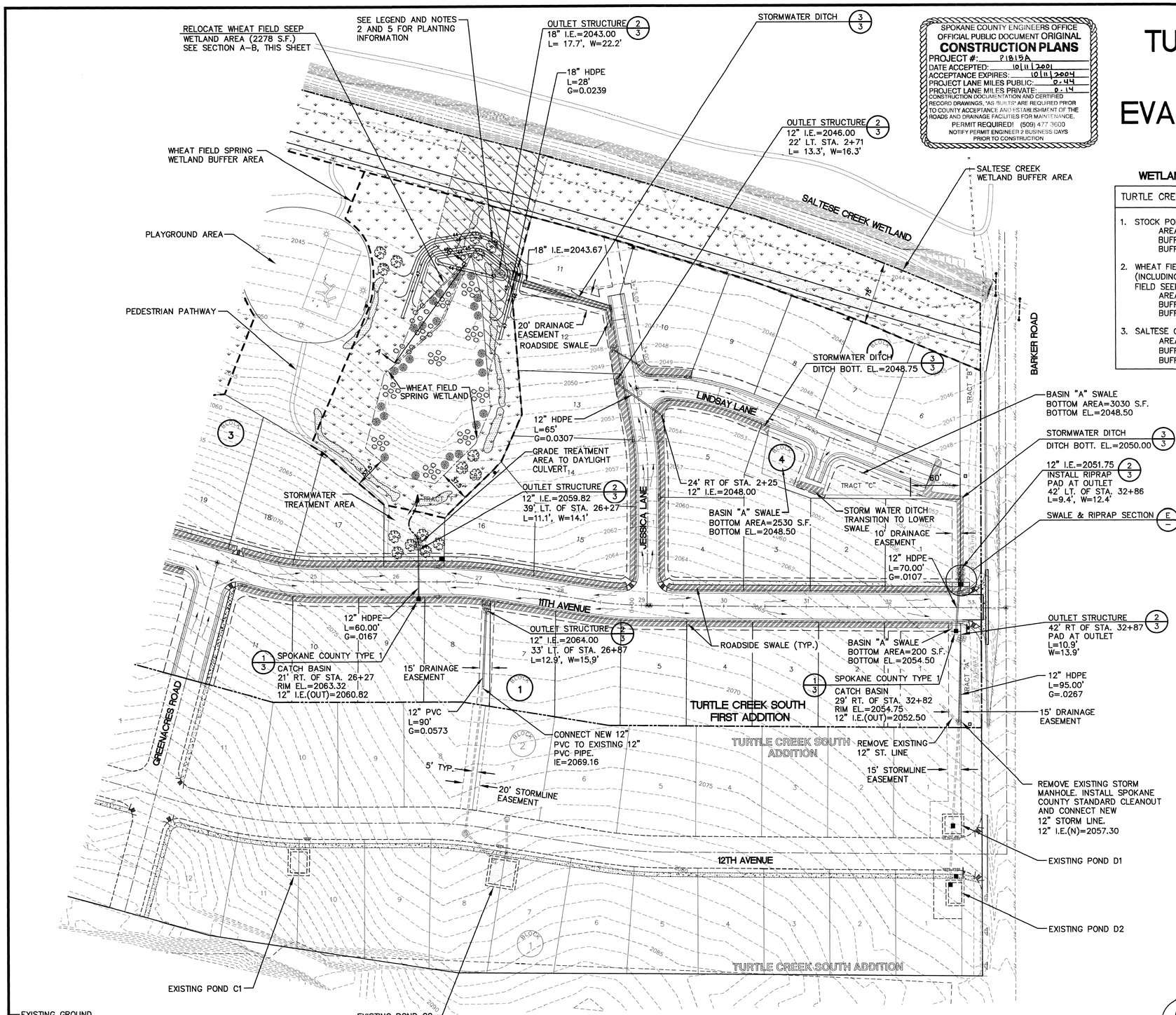
TURTLE CREEK SOUTH
FIRST ADDITION
EROSION AND SEDIMENT
CONTROL PLAN

CADD FILE: 00023ERO

P1515A Eng Road + Drainage

TURTLE CREEK SOUTH ADDITION STORMWATER PLAN FOR EVAPORATION POND REPLACEMENT (EAST)

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
DATE ACCEPTED: 10/11/2001
ACCEPTANCE EXPIRES: 10/11/2004
PROJECT LANE MILES PUBLIC: 0.44
PROJECT LANE MILES PRIVATE: 0.14
CONSTRUCTION DOCUMENTATION AND CERTIFIED RECORD DRAWINGS, "AS-BUILTS" ARE REQUIRED PRIOR TO COUNTY ACCEPTANCE AND ESTABLISHMENT OF THE ROADS AND DRAINAGE FACILITIES FOR MAINTENANCE.
PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION



WETLAND BUFFER DATA

TURTLE CREEK SOUTH 1ST ADDITION

1. STOCK POND WETLAND:
   AREA=0.81 ACRES
   BUFFER REQ.=1.74 ACRES
   BUFFER PROV.=1.95 ACRES
2. WHEAT FIELD WETLAND:
   (INCLUDING RELOCATED WHEAT FIELD SEEP WETLAND)
   AREA=0.57 ACRES
   BUFFER REQ.=1.70 ACRES
   BUFFER PROV.=1.70 ACRES
3. SALTESE CREEK WETLAND:
   AREA=N/A
   BUFFER REQ.=75' STRIP
   BUFFER PROV.=75' STRIP

60 30 0 60 120
SCALE FEET
CONTOUR INTERVAL = 1 FOOT

TBM

BASED ON FOUND B.M. NO. 62 PER SPOKANE VALLEY INTERCEPTOR PLANS, CONSTRUCTION PACKAGE NO. V, SHEET 15 OF 20, BY BOVAY ENGINEERS, INC. ELEVATION = 2032.21

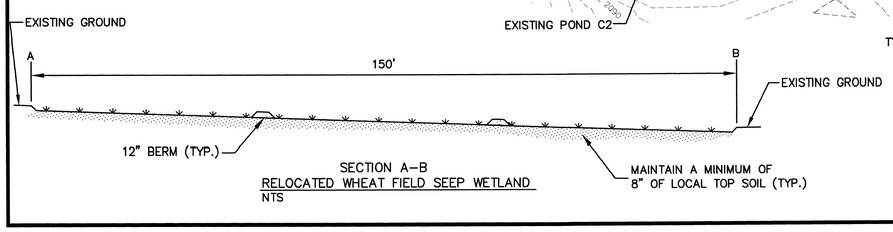
LEGEND

- EXISTING CONTOUR LINE
- PROPOSED ROADWAY
- WETLAND BUFFER ZONE
- STORMWATER OVERFLOW AREA
- STORMWATER TREATMENT AREA
- PROPOSED CATCH BASIN
- PROPOSED STORMWATER MANHOLE
- EXISTING STORMWATER MANHOLE
- DRAINAGE FLOW ARROW
- PROPOSED OUTLET STRUCTURE
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED PEDESTRIAN PATHWAY
- PROPOSED SIDEWALK
- PROPOSED STORMWATER DITCH
- PROPOSED CURB INLET
- PROJECT PHASE BOUNDARY
- PROPOSED SIDEWALK INLET
- WETLAND BUFFER TREE
- WETLAND BUFFER SHRUB
- WETLAND TREE
- WETLAND SHRUB
- WETLAND BUFFER BOUNDARY MARKER

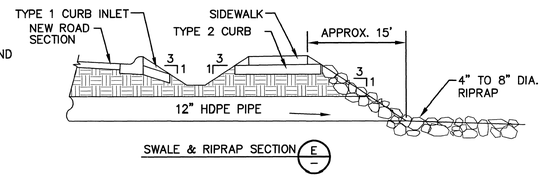
GENERAL NOTES:

1. WETLAND AND BUFFER AREAS ARE SHOWN BASED ON THE "WETLAND EVALUATION AND DELINEATION OF TURTLE CREEK SOUTH REPORT", AS COMPLETED BY GEOGRAPHICAL SERVICES, 1996.
2. WETLAND AND BUFFER PLANTING IS SHOWN BASED ON THE "DETAILED WETLAND MITIGATION PLAN FOR TURTLE CREEK SOUTH REPORT", AS COMPLETED BY GEOGRAPHICAL SERVICES, 1999.
3. WETLAND MANAGEMENT AND MONITORING WILL BE CONDUCTED BY THE TURTLE CREEK SOUTH HOMEOWNERS ASSOCIATION (HOA), AS DIRECTED BY GEOGRAPHICAL SERVICES AND RT DEVELOPMENT.
4. WETLAND BUFFER AND ADJACENT STORMWATER TREATMENT AREAS TO BE PLANTED WITH A STREAM BANK WHEATGRASS. THESE AREAS ARE TO BE MAINTAINED BY THE HOA AND ARE TO BE LEFT UNMOWED.
5. WETLAND SHRUBS SHALL INCLUDE, BUT NOT BE LIMITED TO: WILLOW, COTTONWOOD, AND RED-OSIER DOGWOOD. WETLAND TREES SHALL INCLUDE, BUT NOT BE LIMITED TO: ASPEN, POPULAR AND SPRING BIRCH. PLANTING SHALL BE ACCOMPLISHED IN TRIANGULAR CENTERS, FORMING NATURAL CLUSTERS. SEE APPROVED WETLAND MITIGATION PLAN FOR A DETAILED LIST OF ACCEPTABLE PLANT MATERIALS.
6. 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 TOP OF DRYWELL. THE SOIL LOCATED IN THE FLOOR OF THE GPA 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 GPA 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.

CALL BEFORE YOU DIG 456-8000 ONE CALL NUMBER 48 HR. NOTICE REQUIRED



SECTION A-B
RELOCATED WHEAT FIELD SEEP WETLAND
NTS



SWALE & RIPRAP SECTION E/-

Developer's Approval Richard D. Dolan Date 10/10/1

MARK A. ARONSON STATE OF WASHINGTON 21681 REGISTERED PROFESSIONAL ENGINEER 10/9/01
EXPIRES 03/10/03

REVISIONS

DWN: GRG DATE: 07/09/01
CK'D: MAA DATE: 07/09/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

SCALE: 1"=60'

SHEET 1 OF 3

TURTLE CREEK SOUTH ADDITION
STORMWATER PLAN FOR
EVAPORATION POND REPLACEMENT

CADD FILE: 000230F-SD1

P1815A Eng Book + Drawing

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
DATE ACCEPTED: 10/11/2001
ACCEPTANCE EXPIRES: 10/11/2004
PROJECT LANE MILES PUBLIC: 0.44
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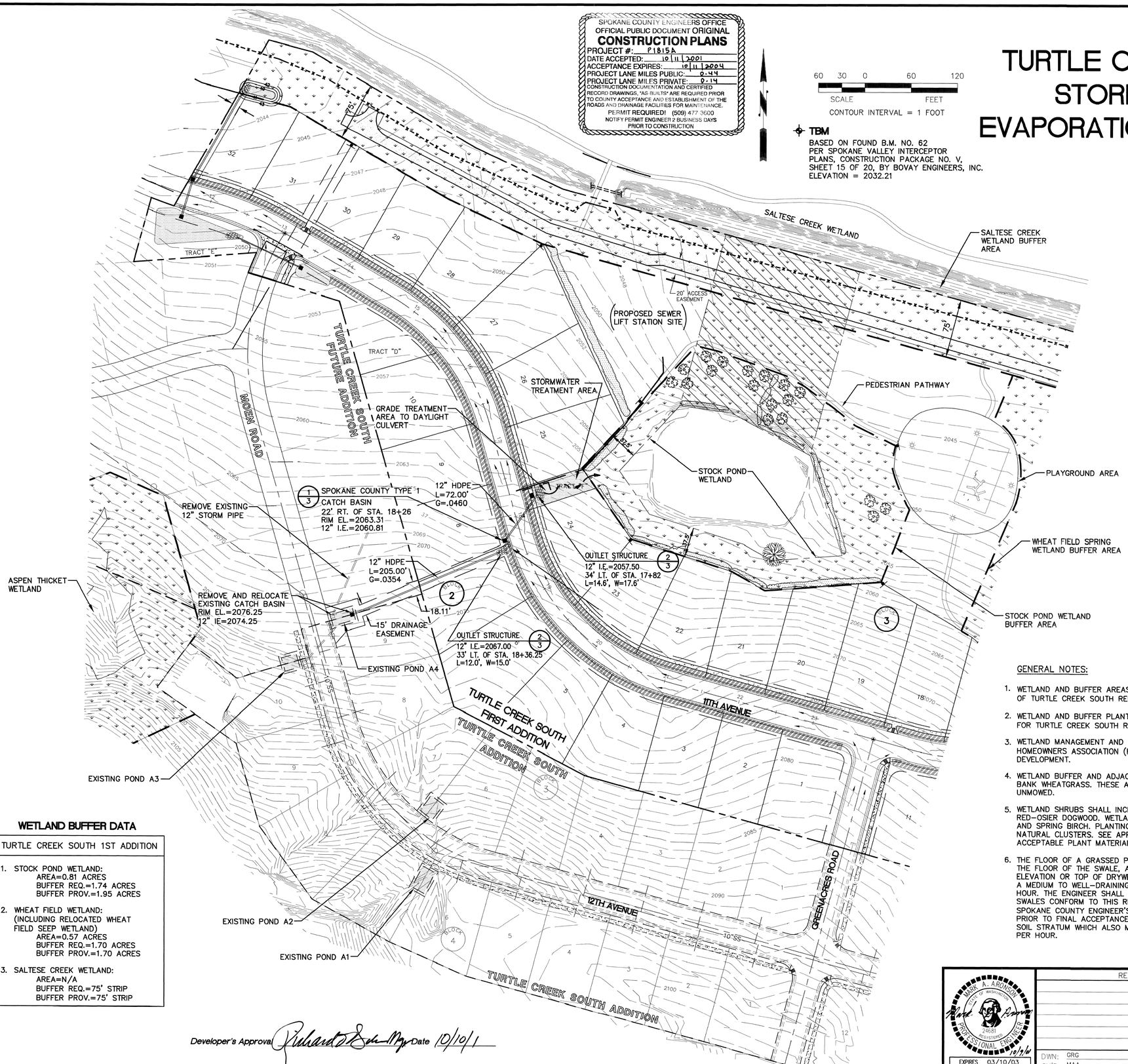
PERMIT REQUIRED! (509) 477 3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION

TURTLE CREEK SOUTH ADDITION STORMWATER PLAN FOR EVAPORATION POND REPLACEMENT (WEST)

60 30 0 60 120
SCALE FEET
CONTOUR INTERVAL = 1 FOOT

TBM
BASED ON FOUND B.M. NO. 62
PER SPOKANE VALLEY INTERCEPTOR
PLANS, CONSTRUCTION PACKAGE NO. V,
SHEET 15 OF 20, BY BOVAY ENGINEERS, INC.
ELEVATION = 2032.21



LEGEND

- EXISTING CONTOUR LINE
- PROPOSED ROADWAY
- WETLAND BUFFER ZONE
- STORMWATER OVERFLOW AREA
- STORMWATER TREATMENT AREA
- PROPOSED CATCH BASIN
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- DRAINAGE FLOW ARROW
- PROPOSED OUTLET STRUCTURE
- PROPOSED STORM PIPE
- EXISTING STORM PIPE
- PROPOSED PEDESTRIAN PATHWAY
- PROPOSED SIDEWALK
- PROPOSED STORMWATER DITCH
- PROPOSED CURB INLET
- PROJECT PHASE BOUNDARY
- PROPOSED SIDEWALK INLET
- WETLAND BUFFER TREE
- WETLAND BUFFER SHRUB
- WETLAND TREE
- WETLAND BUFFER BOUNDARY MARKER

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GENERAL NOTES:

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CALL BEFORE YOU DIG
456-8000
ONE CALL NUMBER
48 HR. NOTICE REQUIRED

Developer's Approval Richard D. Bonn Mgr Date 10/10/1

MARK A. ARONSON
STATE OF WASHINGTON
24681
REGISTERED
PROFESSIONAL ENGINEER
10/2/01
EXPIRES 03/10/03

REVISIONS

DWN: GRG DATE: 07/09/01
CK'D: MAA DATE: 07/09/01

Taylor Engineering, Inc.
Civil Design and Land Planning
W. 106 Mission Ave.
Spokane, Washington 99201
(509) 328-3371 FAX (509) 328-8224

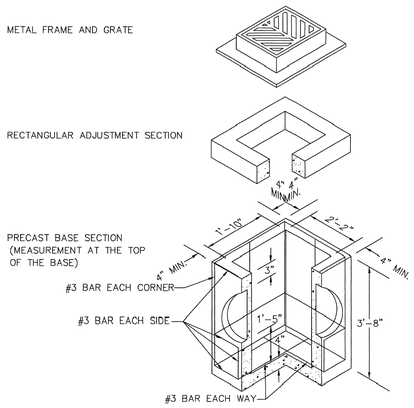
SCALE: 1"=60'

SHEET 2 OF 3

TURTLE CREEK SOUTH ADDITION
STORMWATER PLAN FOR
EVAPORATION POND REPLACEMENT

CADD FILE: 000230F-SD2

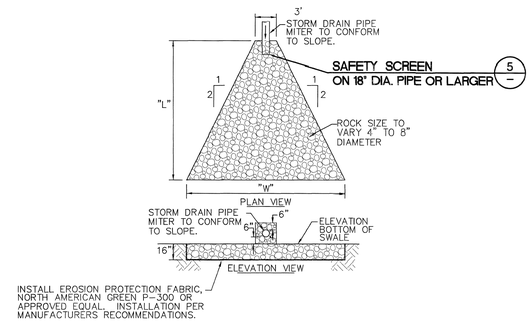
P1815A Eng Road & Drainage



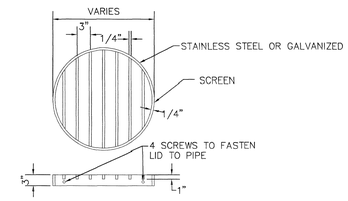
NOTES:

1. CATCH BASINS TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C 478 (AASHTO M 199) & ASTM C 890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A 497 (AASHTO M 221). WIRE FABRIC SHALL NO BE PLACED IN THE KNOCKOUTS.
3. THE BOTTOM OF THE PRECAST SECTION MAY BE ROUNDED.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN.
5. KNOCKOUTS MAY BE ON ALL 4 SIDES WITH A MAXIMUM DIAMETER OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPED. PIPE TO BE INSTALLED IN FACTORY SUPPLIED
6. KNOCKOUTSOR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAMETER PLUS CATCH BASIN WALL THICKNESS.
7. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2"/FT.
9. CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATIONS RR-F-621D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.

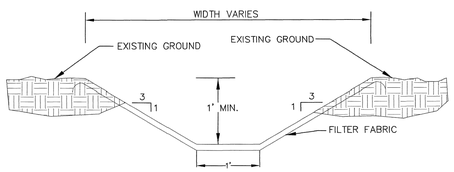
1/1,2 SPOKANE COUNTY TYPE 1 CATCH BASIN
NOT TO SCALE



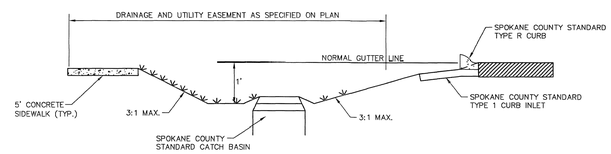
2/1,2 OUTLET STRUCTURE
NOT TO SCALE



5/- SAFETY SCREEN
NOT TO SCALE



3/1,2 STORMWATER DITCH
NOT TO SCALE



GRASS TREATMENT AND PERCOLATION AREA WITH DRAINAGE STRUCTURE A/-
N.T.S.

SPOKANE COUNTY ENGINEERS OFFICE
OFFICIAL PUBLIC DOCUMENT ORIGINAL
CONSTRUCTION PLANS
PROJECT #: P1815A
DATE ACCEPTED: 10/11/2001
ACCEPTANCE EXPIRES: 10/11/2004
PROJECT LANE MILES PUBLIC: 0.44
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PERMIT REQUIRED! (509) 477-3600
NOTIFY PERMIT ENGINEER 2 BUSINESS DAYS PRIOR TO CONSTRUCTION.

Richard Dow Mgr. 10/1/1

MARK A. ARONSON
STATE OF WASHINGTON
24681
REGISTERED
PROFESSIONAL ENGINEER
10/1/01
EXPIRES 03/10/03

REVISIONS

DWN: GRG DATE: 07/09/01
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SCALE: N.T.S.

SHEET 3 OF 3

TURTLE CREEK SOUTH ADDITION
STORMWATER DETAIL SHEET

CADD FILE: 000023DET-OF-SD

P1815A Eng Road + Drainage