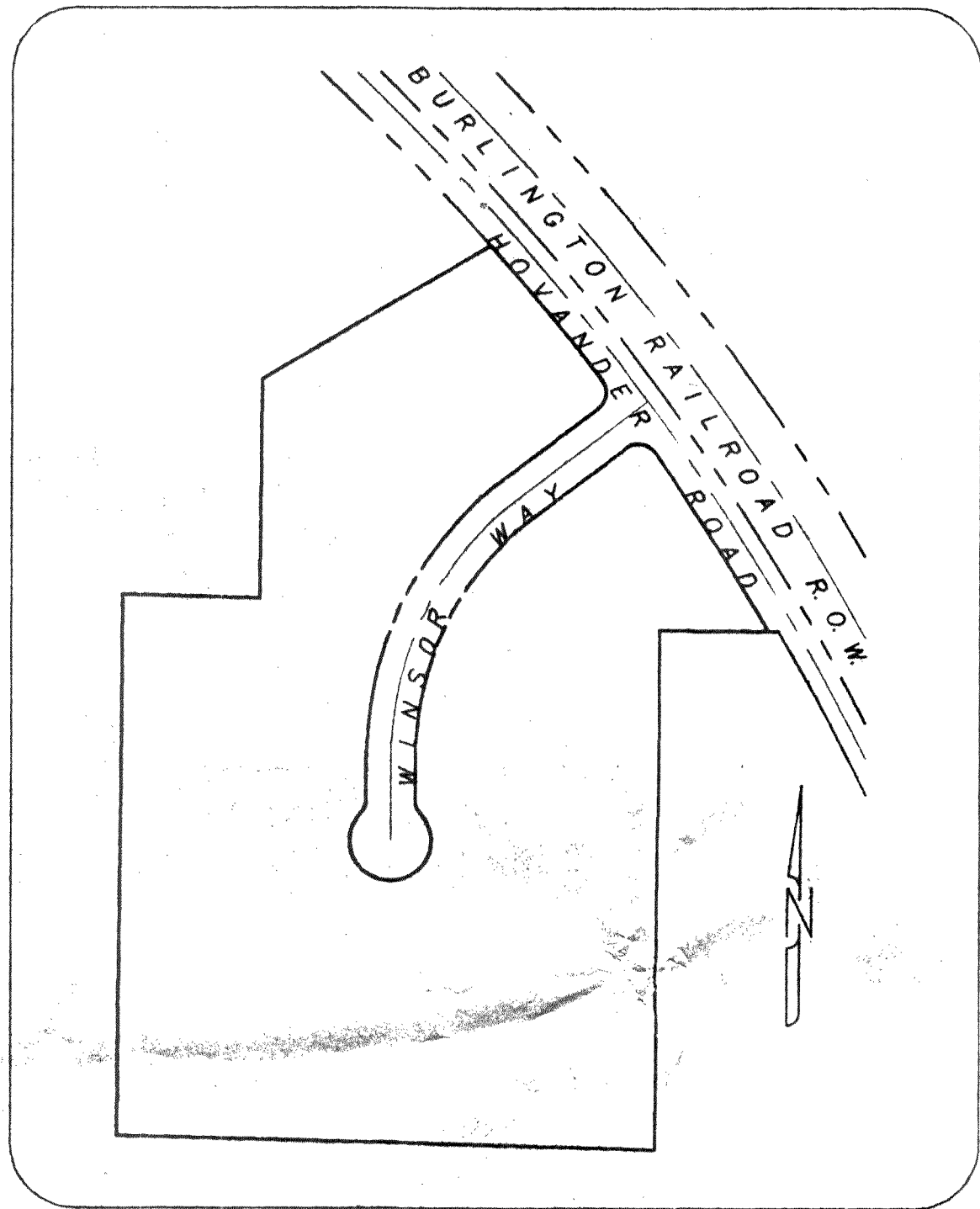


EAST TEAK TRADING GROUP, INC.  
FERNDAL INDUSTRIAL PARK  
GENERAL BINDING SITE PLAN  
ROADWAY AND UTILITY IMPROVEMENTS  
FERNDAL, WASHINGTON

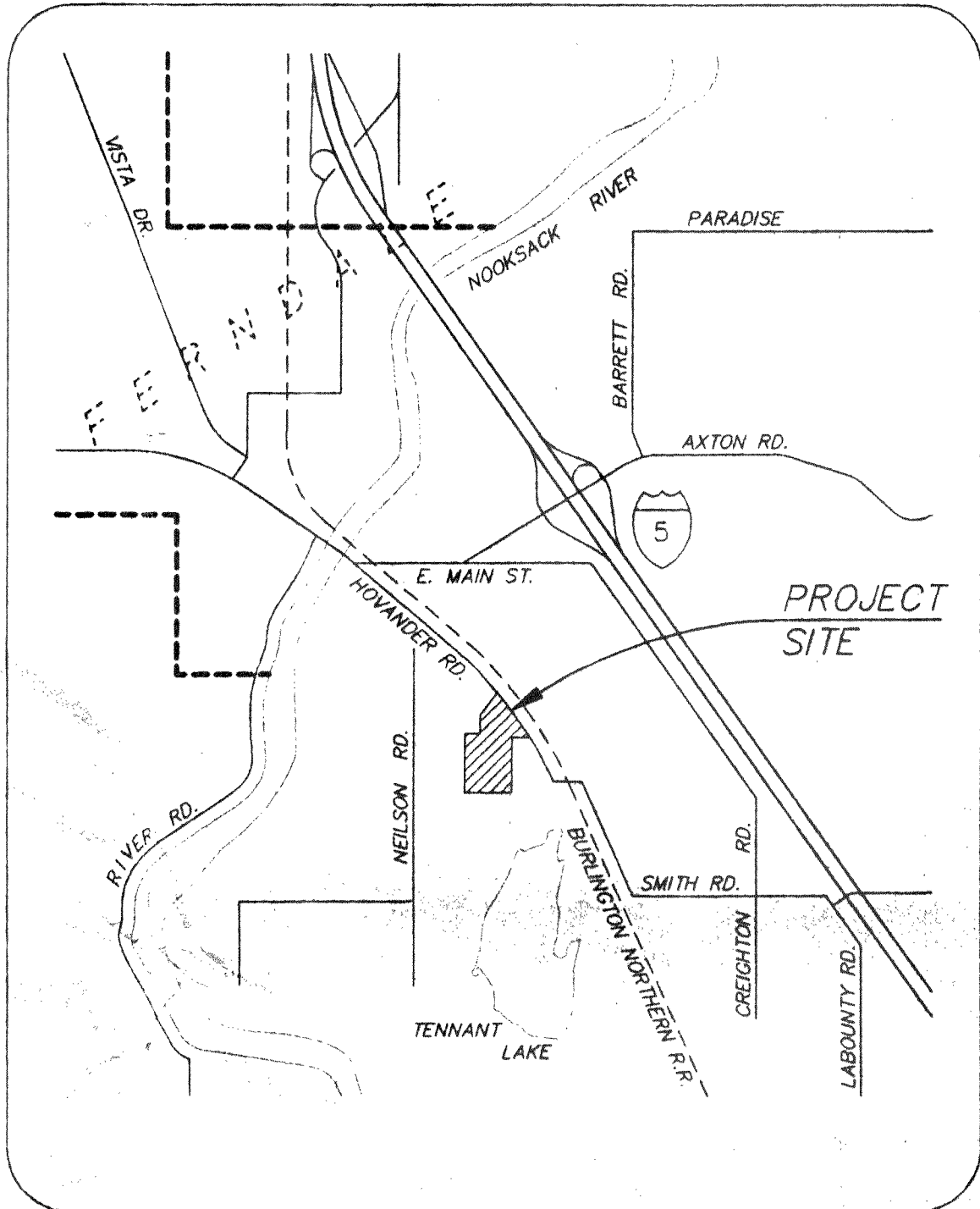
THIS AS-BUILT DRAWING INCORPORATES A THOROUGH FIELD SURVEY OF OBSERVABLE SURFACE FEATURES AND INVERTS OF VISIBLE STRUCTURES. NO SUBSURFACE INSTALLATIONS INCLUDING EARTHWORK, ROAD SECTION, BACKFILL CONDITIONS, PIPING, AND ETC. HAVE BEEN CONFIRMED. THE DRAWING REFLECTS THE DESIGNED APPROVED PLANS ENTITLED "EAST TEAK TRADING GROUP, FERNDAL INDUSTRIAL PARK", BY JAMES E. WILSON & ASSOC.; DATED DEC, 1991. SUCH FACILITIES WERE INSPECTED BY THE CITY OF FERNDAL AT THE TIME OF CONSTRUCTION.



LOCATION MAP  
(SCALE: 1" = 200')

TABLE OF SHEETS	
1	COVER SHEET & SPECIFICATIONS
2	GRADING PLAN
3	WINSOR WAY ROAD & DRAINAGE
4	WINSORWAY SEWER & WATER
5	HOVANDER ROAD IMPROVEMENTS
6	DETAILS

LEGEND	
EXISTING	PROPOSED
CONTOURS	SS
STORM DRAIN	SD
SANITARY SEWER	PVC
WATER	D.L.



VICINITY MAP  
(NOT TO SCALE)

SPECIFICATIONS

All work and materials shall conform to the 1991 Edition of the Standard Specification for Road, Bridge and Municipal Construction as prepared by the Washington State Department of Transportation (DOT) and the Washington State Chapter of American Public Works Association (APWA), the City of Ferndal's Ordinance No. 676 and according to the instructions and recommendations of the manufacturer of the materials involved. In case of a conflict between the above standards and recommendations, the more stringent one will apply.

References hereinafter to Division and Sections shall refer to the Standard Specification mentioned above.

DIVISION 2: EARTHWORK

- Clearing, Grubbing and Roadside Cleanup  
Clearing, grubbing and roadside cleanup shall conform to Section 2-01 using disposal Method No. 2.
- Roadway Excavation and Embankment  
Roadway excavation and embankment shall conform to Section 2-03, using compaction method B. Compaction layers for granular materials shall not exceed 12 inches in depth. Layers for non-granular materials shall not exceed 4 inches in depth.
- Subgrade Preparation  
Subgrade preparation shall conform to Section 2-06.

- Ditch and Channel Excavation  
Ditch and channel excavation shall conform to Section 2-10.
- Trimming and Cleanup  
Trimming and cleanup shall conform to Section 2-11.

DIVISION 3: (NOT USED)

DIVISION 4: BASES

- Asphalt Treated Base  
Asphalt treated base shall conform to Section 4-06.

DIVISION 5: SURFACE TREATMENT AND PAVEMENT

- Asphalt Concrete Pavement  
Asphalt concrete pavement shall conform to Section 5-04. Material shall be Class B.

DIVISION 6: STRUCTURES

- Concrete Structures  
Concrete weirs and miscellaneous structures shall conform to Section 6-02. Concrete shall be Class 3000.

DIVISION 7: DRAINAGE STRUCTURES, STORM SEWER, SANITARY SEWER, WATER MAINS AND CONDUITS

- Storm Sewers  
Storm sewers shall conform to Section 7-04. Pipe material shall be Concrete conforming to Section 9-05.7(1) or PVC conforming to Section 9-05.12. Exfiltration or pressure testing may be required by the Engineer.
- Manholes, Inlets and Catch Basins  
Manholes, inlets and catch basin shall conform to Section 7-05.
- Water System  
All water pipe materials and installation shall conform to the applicable portions of Section 7-09 to 7-11, AWWA C600 and C651. In addition, the following provisions apply:
  - Pipelines shall be Ductile Iron Class 50, and shall meet the requirements of Section 9-30.1(1), with Cement Lining according to AWWA Standard H3-71, C151-71, and Cement Lining C104-71.
  - All fittings shall have a minimum pressure rating of 350 psi and shall conform to Section 9-03.2.
  - Excavation shall be in accordance with Section 7-10.3(7) and shall include all materials of whatever nature encountered, including solid rock excavation.

- The Contractor shall make all arrangements and pay all applicable fees to the City of Ferndal prior to connecting to the existing water system.
- Pavement shall be cut ahead of the excavating machine to prevent excessive tearing up of the surfacing and to eliminate ragged edges. The roadway or driveway surfaces shall be removed only in locations as indicated by the plans and specifications or by the approval of the Engineer.
- All water line and appurtenances shall be pressure tested at 200 psi in accordance with Section 7-11.3(11) and City of Ferndal requirements. All purification acceptance testing shall be according to City of Ferndal requirements.
- All backfill shall be bankrun gravel backfill and shall meet the requirements of Section 9-30.7(3).
- All work must be inspected and approved by a representative of the City of Ferndal Engineering Division, and Twenty-four (24) hours notice must be given prior to starting work or to Schedule inspection.

- Valves for Water Mains  
Valves for water mains shall conform to Section 7-12. Gate valves shall have screw type cast iron valve boxes. Short body valves shall be suitable for a nonshock shut-off pressure of 130 psi rubber seated or double-disc parallel seat valves and suitable for direct burial. Valves 10" and smaller shall be iron body full bronze mounted, double-disc parallel seat valves and suitable for installation with the type and class of pipe used. All valves shall have nonrising stems and shall open counter clockwise and shall be equipped with a 2" square operating nut. Valves will be flange or M.J. joints.
- Hydrants  
Fire hydrants shall conform to AWWA C502 and City of Ferndal Standard. Installation shall be in accordance with Section 7-14. A blue reflector will be placed in the street across from each hydrant installed.
- Service Connections  
Service connections shall conform to Section 7-15.
- Sanitary Sewers  
Sanitary sewers shall conform to Section 7-17. Pipe material shall be PVC conforming to Section 9-05.12.

- Side Sewer  
Sanitary side sewer shall conform to Section 7-18. Pipe material shall be PVC conforming to Section 9-05.12.

DIVISION 8: MISCELLANEOUS CONSTRUCTION

- Erosion Control  
Temporary erosion and sedimentation control facilities (TESCF) shall conform to Section 8-01 and City of Ferndal Standards. These facilities shall be maintained during construction and removed only after all exposed surfaces subject to erosion have been stabilized by landscaping elements or hydroseeding.
- Curbs and Gutters  
Curbs and gutters shall conform to Section 8-04.
- Cement Concrete Sidewalks  
Cement concrete sidewalks shall conform to Section 8-14. Provide curb ramps where shown.
- Riprap  
Riprap shall conform to Section 8-15.
- Permanent Signing  
Permanent signing shall conform to Section 8-21.
- Pavement Markings  
Pavement marking shall conform to Section 8-22.

ENGINEERING PLANS ENTITLED "EAST TEAK TRADING GROUP, FERNDAL INDUSTRIAL PARK" BY JAMES E. WILSON & ASSOC., DATED DEC, 1991.

BASE DRAWING PROVIDED BY ELECTRONIC FILE FROM WILSON ENGINEERING.

RECORD DRAWING	KLS	10/95
----------------	-----	-------



1911 "C" STREET  
BELLINGHAM, WA 98225  
PHONE: (360) 671-8200  
COUNTY: (360) 354-3723  
FAX: (360) 738-9367  
Ayers Professional Group, Inc.

INTERMEDIATE  
FOR REVIEW ONLY

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

TED VOLLSTEDT  
EAST TEAK TRADING GROUP, INC  
FERNDAL INDUSTRIAL PARK  
COVER SHEET AND SPECIFICATIONS

RECORD DRAWING

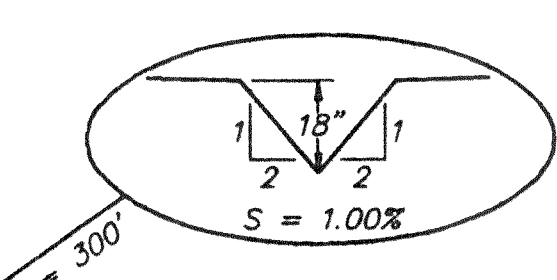
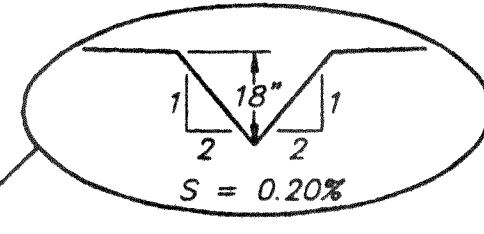
DATE	10/95
SCALE	AS NOTED
JOB NO.	95058

SHEET  
1  
OF  
6



THIS AS-BUILT DRAWING INCORPORATES A THOROUGH FIELD SURVEY OF OBSERVABLE SURFACE FEATURES AND INVERTS OF VISIBLE STRUCTURES. NO SUBSURFACE INSTALLATIONS INCLUDING EARTHWORK, ROAD SECTION, BACKFILL CONDITIONS, PIPING, AND ETC. HAVE BEEN CONFIRMED. THE DRAWING REFLECTS THE DESIGNED APPROVED PLANS, ENTITLED "EAST TEAK TRADING GROUP, FERDALE INDUSTRIAL PARK", BY JAMES E. WILSON & ASSOC., DATED DEC. 1991. SUCH FACILITIES WERE INSPECTED BY THE CITY OF FERDALE AT THE TIME OF CONSTRUCTION.

WETLANDS TO REMAIN UNDISTURBED IN THIS AREA



35' VEGETATIVE BUFFER TO REMAIN UNDISTURBED

X H.P. 48.9

WINSOR

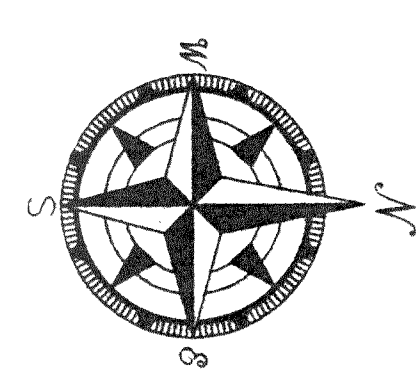
WAY

ROAD

BURLINGTON NORTHERN RAILROAD

HOVANDER

NOTE: CONTOUR SPACING EXAGGERATED TO SHOW GRADING NEAR DITCH. ALL EARTH WORK TO BE LIMITED TO ON-SITE

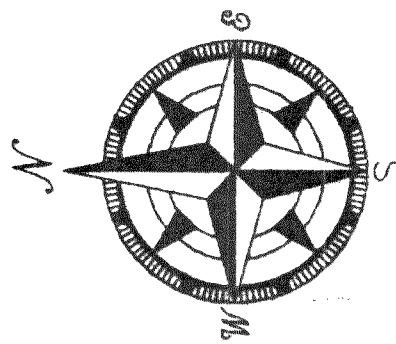
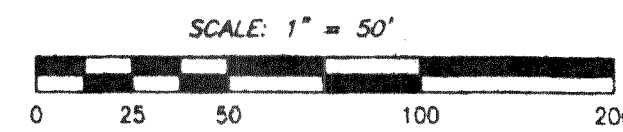


ENGINEERING PLANS ENTITLED "EAST TEAK TRADING GROUP, FERDALE INDUSTRIAL PARK" BY JAMES E. WILSON & ASSOC., DATED DEC. 1991.

BASE DRAWING PROVIDED BY ELECTRONIC FILE FROM WILSON ENGINEERING.

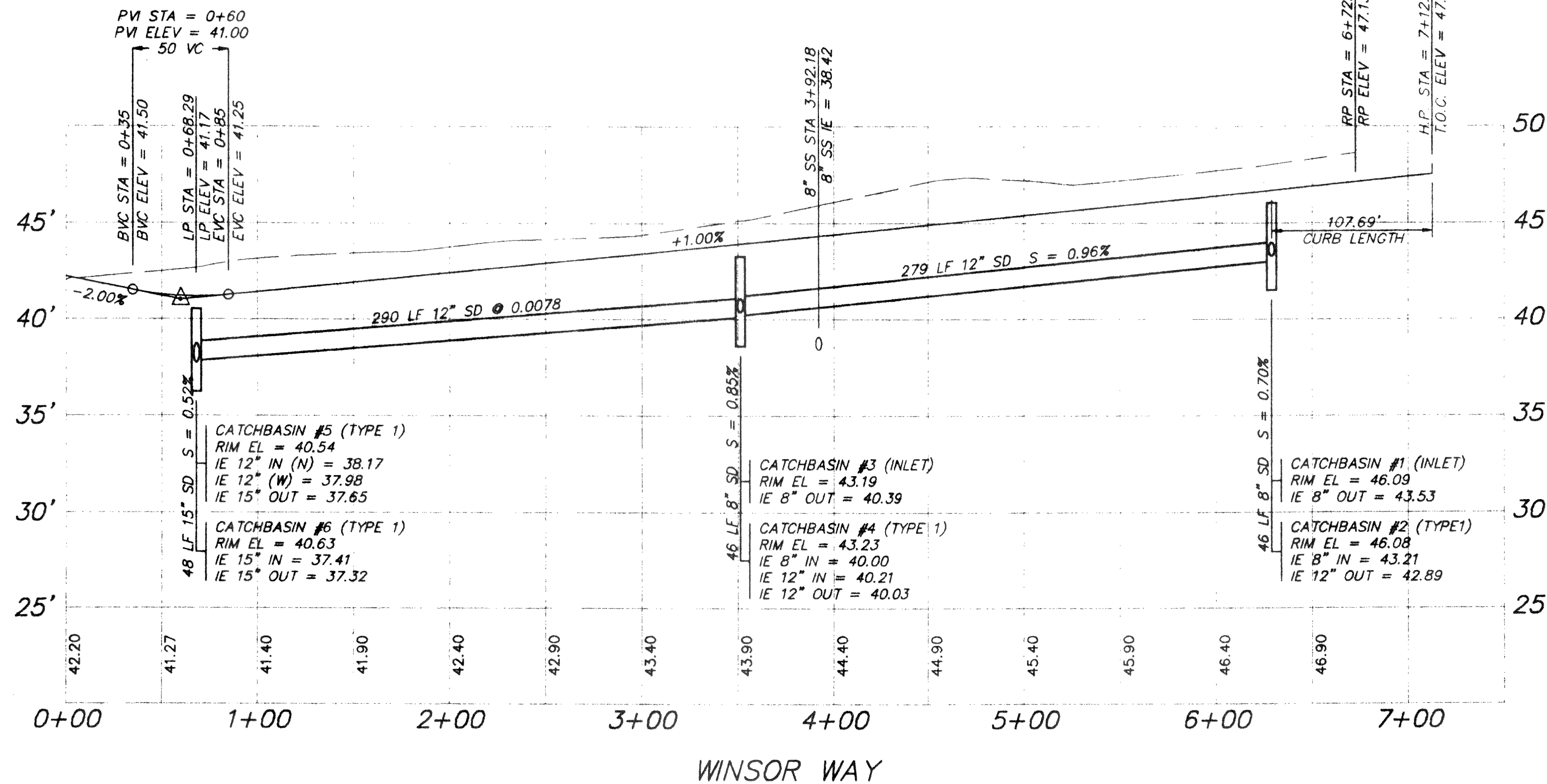
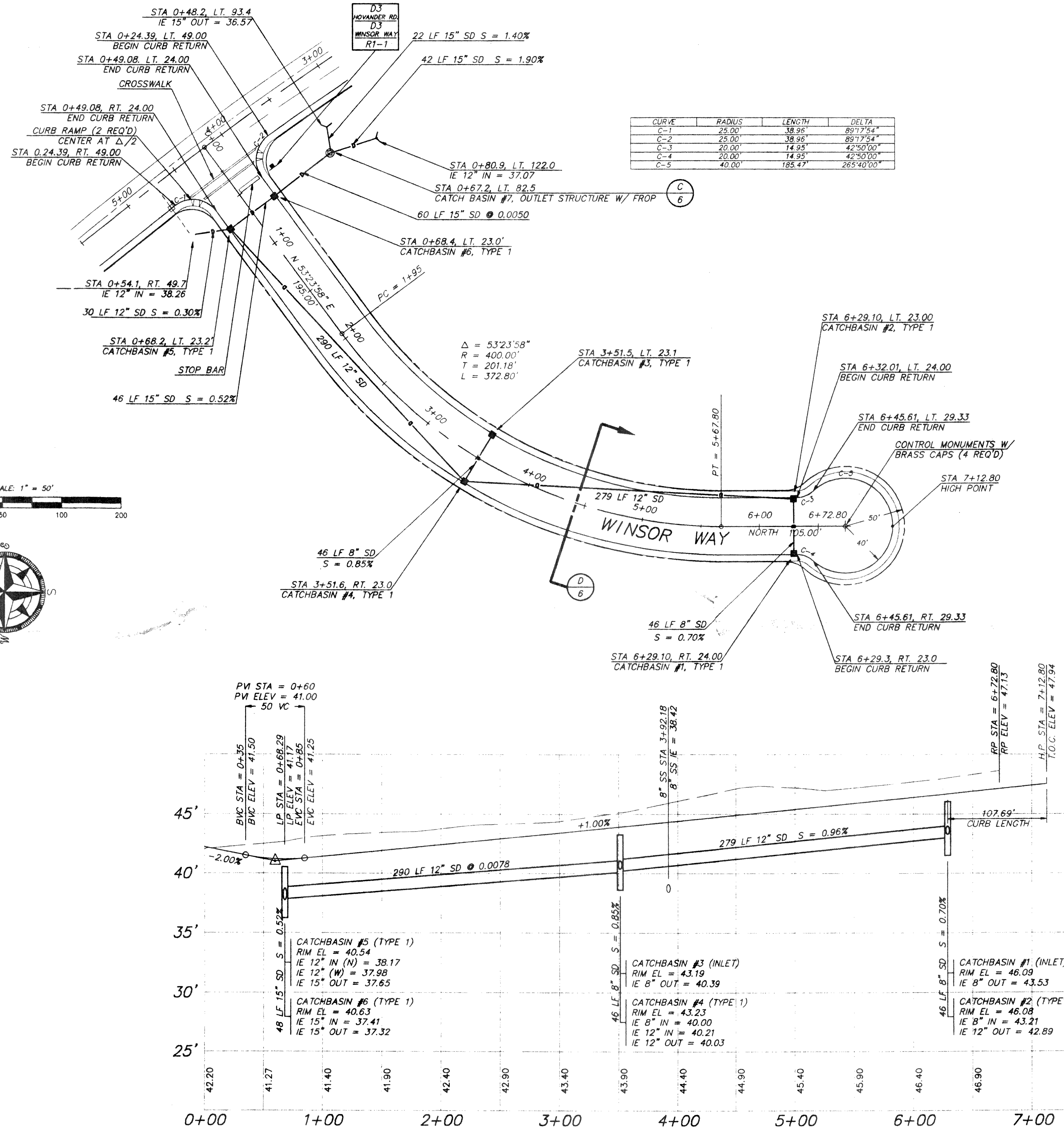
UPDATED: 10 OCT 95 TIME 11:42 DWG: 210401-N0000/000000000000 KLS ISSUE: RA

<p>1911 "C" STREET BELLINGHAM, WA 98225 PHONE: (360) 871-8200 COUNTY: (360) 324-3753 FAX: (360) 738-9387</p> <p><b>Ayers Professional Group, Inc.</b></p>		<p><i>INTERMEDIATE FOR REVIEW ONLY</i></p>		<table border="1"> <tr> <td>DESIGNED BY</td> <td>DATE</td> </tr> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> </table>		DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE	<p><b>TED VOLLSTEDT EAST TEAK TRADING GROUP, INC FERDALE INDUSTRIAL PARK GRADING PLAN</b></p>		<p><b>RECORD DRAWING</b></p>		<table border="1"> <tr> <td>DATE</td> <td>SHEET</td> </tr> <tr> <td>10/95</td> <td>2</td> </tr> <tr> <td>SCALE:</td> <td>OF</td> </tr> <tr> <td>1" = 50'</td> <td>6</td> </tr> <tr> <td>JOB NO.</td> <td></td> </tr> <tr> <td>95058</td> <td></td> </tr> </table>		DATE	SHEET	10/95	2	SCALE:	OF	1" = 50'	6	JOB NO.		95058	
DESIGNED BY	DATE																												
DRAWN BY	DATE																												
CHECKED BY	DATE																												
DATE	SHEET																												
10/95	2																												
SCALE:	OF																												
1" = 50'	6																												
JOB NO.																													
95058																													

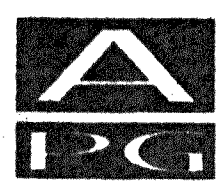


CURVE	RADIUS	LENGTH	DELTA
C-1	25.00'	38.96'	89°17'54"
C-2	25.00'	38.96'	89°17'54"
C-3	20.00'	14.95'	42°50'00"
C-4	20.00'	14.95'	42°50'00"
C-5	40.00'	185.47'	265°40'00"

THIS AS-BUILT DRAWING INCORPORATES A THOROUGH FIELD SURVEY OF OBSERVABLE SURFACE FEATURES AND INVERTS OF VISIBLE STRUCTURES. NO SUBSURFACE INSTALLATIONS INCLUDING EARTHWORK, ROAD SECTION, BACKFILL CONDITIONS, PIPING, AND ETC. HAVE BEEN CONFIRMED. THE DRAWING REFLECTS THE DESIGNED APPROVED PLANS, ENTITLED "EAST TEAK TRADING GROUP, FERNDAL INDUSTRIAL PARK", BY JAMES E. WILSON & ASSOC., DATED DEC, 1991. SUCH FACILITIES WERE INSPECTED BY THE CITY OF FERNDAL AT THE TIME OF CONSTRUCTION.



BASE DRAWING PROVIDED BY ELECTRONIC FILE FROM WILSON ENGINEERING.  
ENGINEERING PLANS ENTITLED "EAST TEAK TRADING GROUP, FERNDAL INDUSTRIAL PARK" BY JAMES E. WILSON & ASSOC., DATED DEC, 1991.



1911 "C" STREET  
BELLINGHAM, WA 98225  
PHONE: (360) 671-8200  
COUNTY: (360) 334-3723  
FAX: (360) 738-9367  
**Ayers Professional Group, Inc.**

**INTERMEDIATE  
FOR REVIEW ONLY**

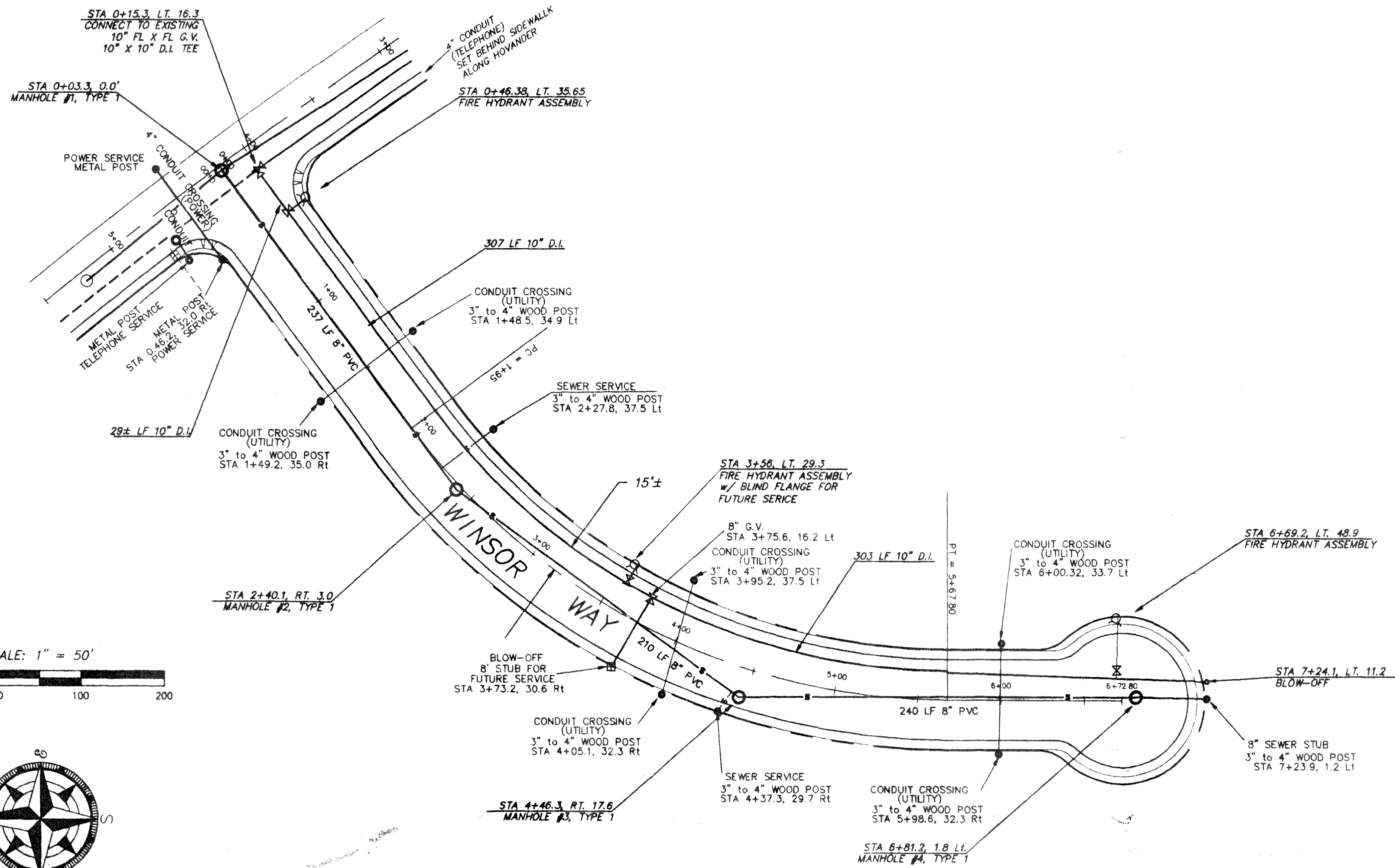
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

**TED VOLLSTEDT  
EAST TEAK TRADING GROUP, INC  
FERNDAL INDUSTRIAL PARK  
WINSOR WAY ROAD AND DRAINAGE**

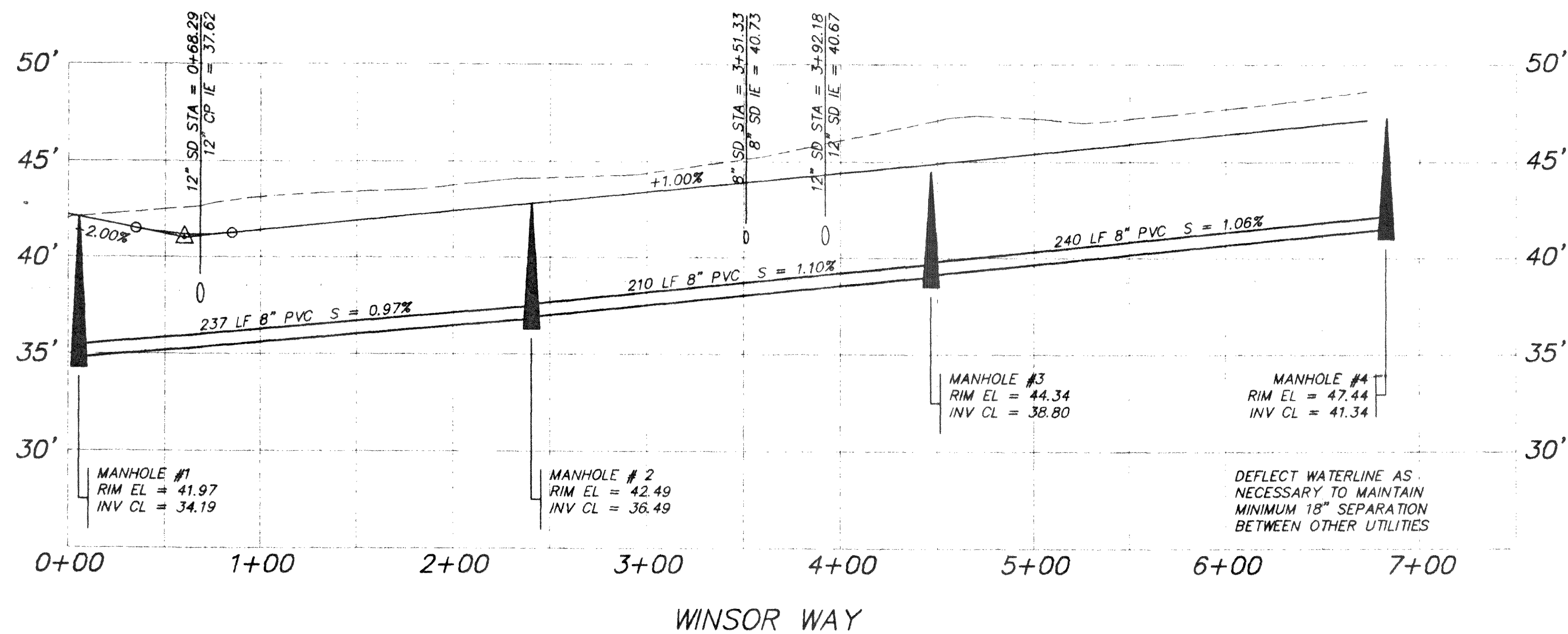
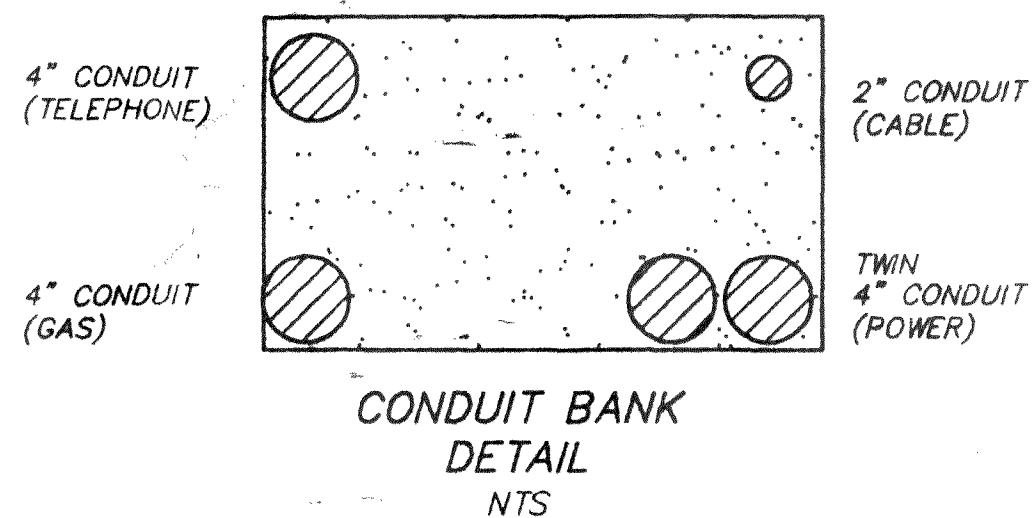
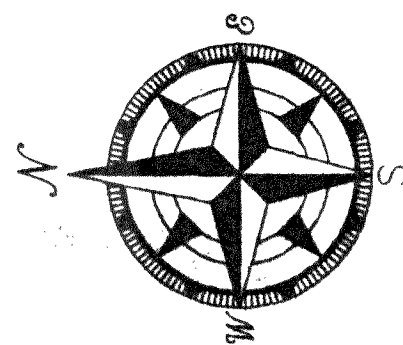
**RECORD DRAWING**

DATE	10/95	SHEET	3
SCALE:	1" = 50'	OF	6
JOB NO.	95058		



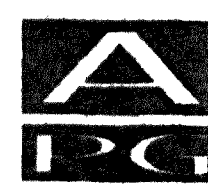


SCALE: 1" = 50'



BASE DRAWING PROVIDED BY ELECTRONIC FILE FROM WILSON ENGINEERING.

ENGINEERING PLANS ENTITLED "EAST TEAK TRADING GROUP, FERDALE INDUSTRIAL PARK" BY JAMES E. WILSON & ASSOC., DATED DEC, 1991.



1911 "C" STREET  
BELLINGHAM, WA 98225  
PHONE: (360) 871-4200  
COUNTY: (360) 354-3723  
FAX: (360) 738-9387  
**Ayers Professional Group, Inc.**

**INTERMEDIATE  
FOR REVIEW ONLY**

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

**TED VOLLSTEDT**  
**EAST TEAK TRADING GROUP, INC**  
**FERDALE INDUSTRIAL PARK**  
**WINSOR WAY SEWER & WATER**

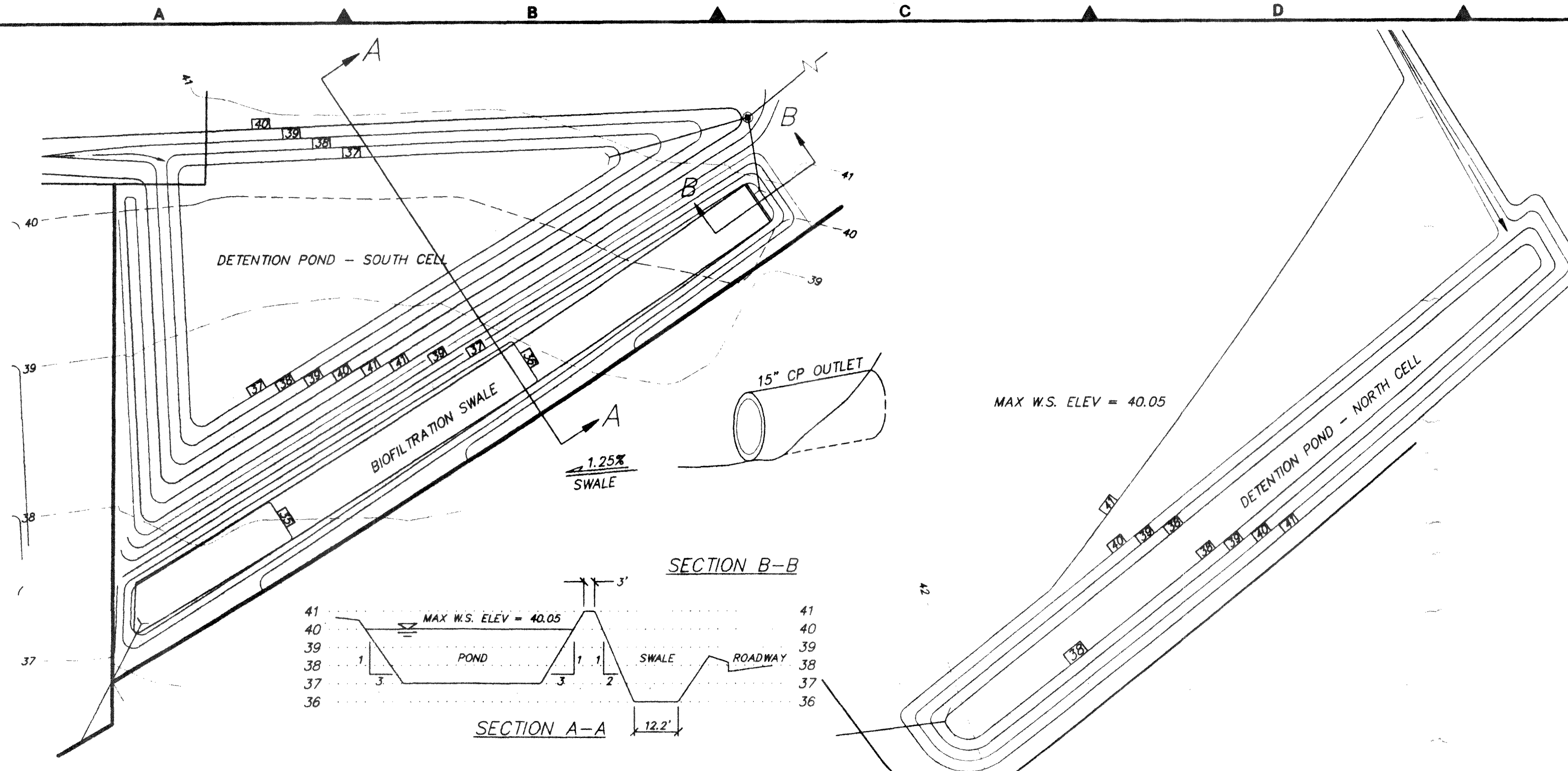
**RECORD DRAWING**

DATE	SHEET
10/95	4
SCALE:	OF
AS NOTED	6
JOB NO.	
95058	

00875.004 12-10-08 AM

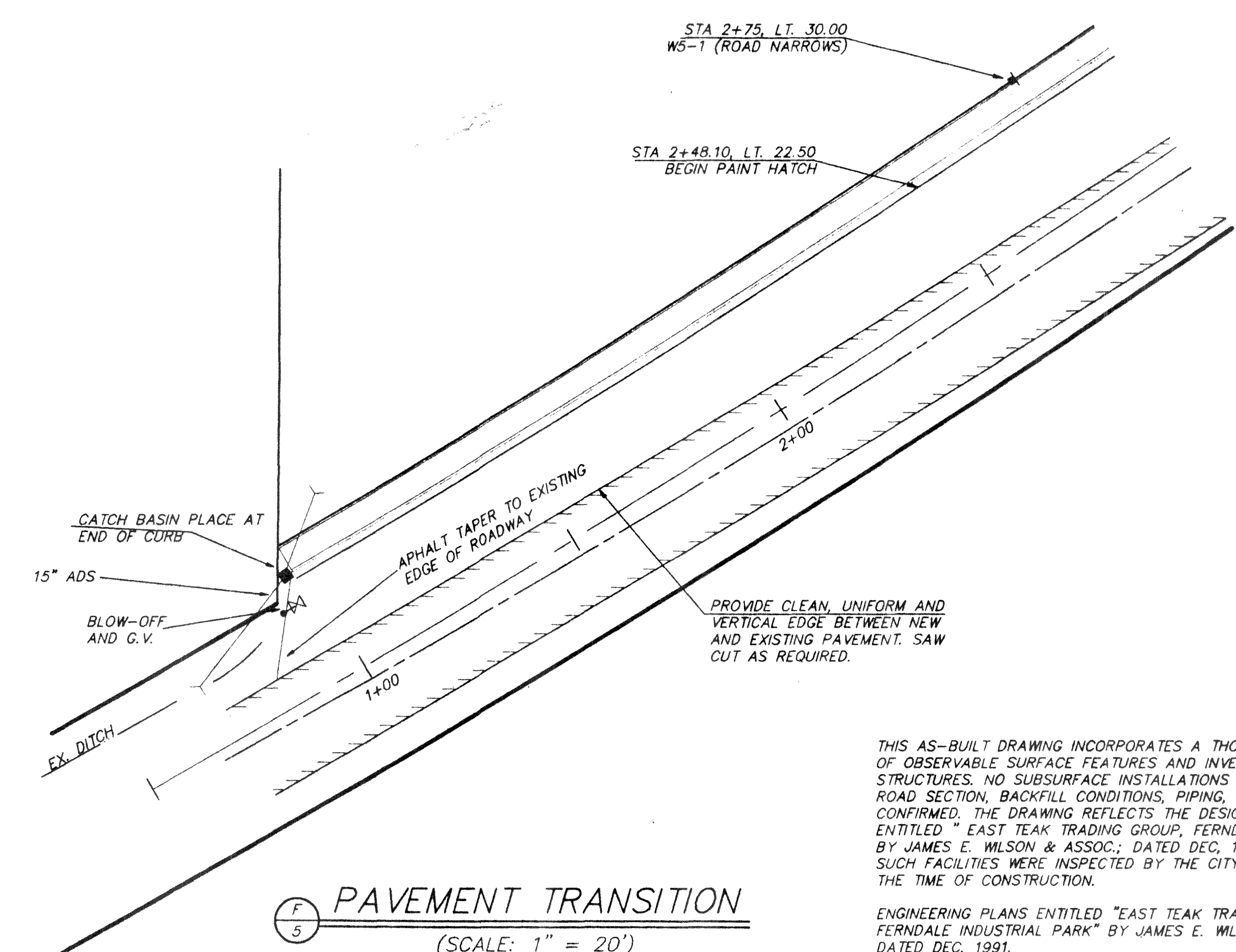






**POND & SWALE DETAILS**  
(NOT TO SCALE)

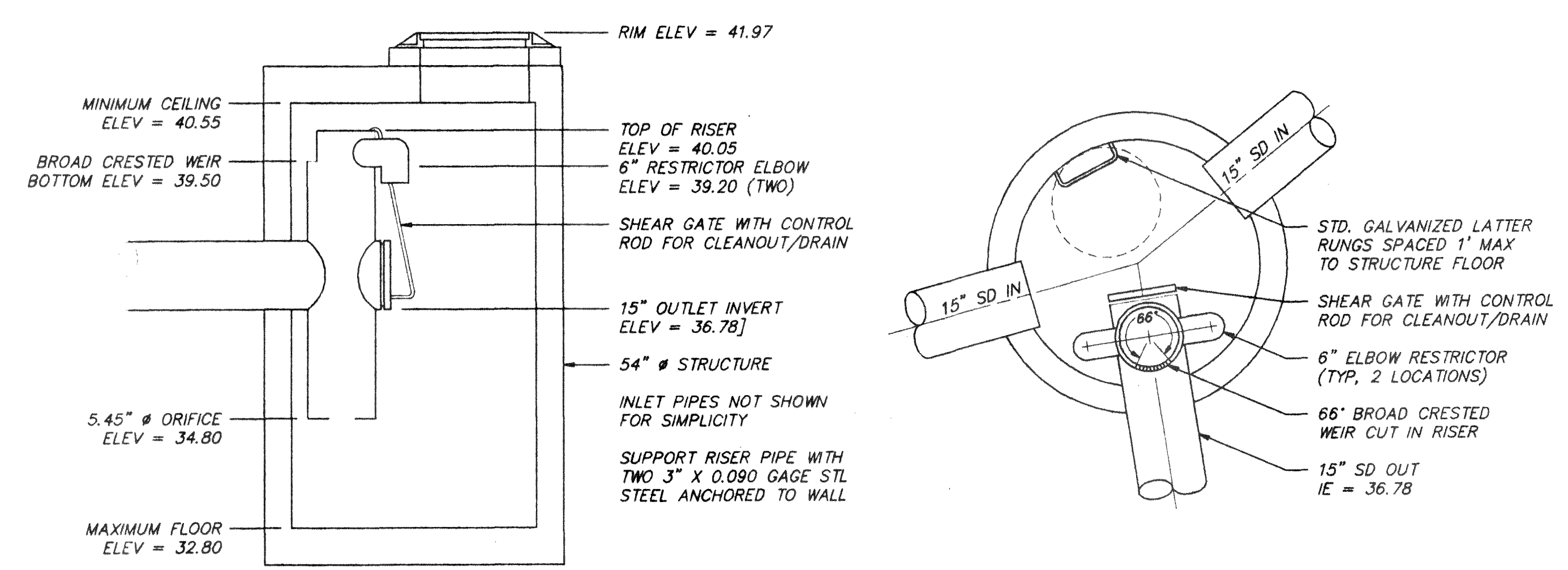
**POND DETAIL**  
(NOT TO SCALE)



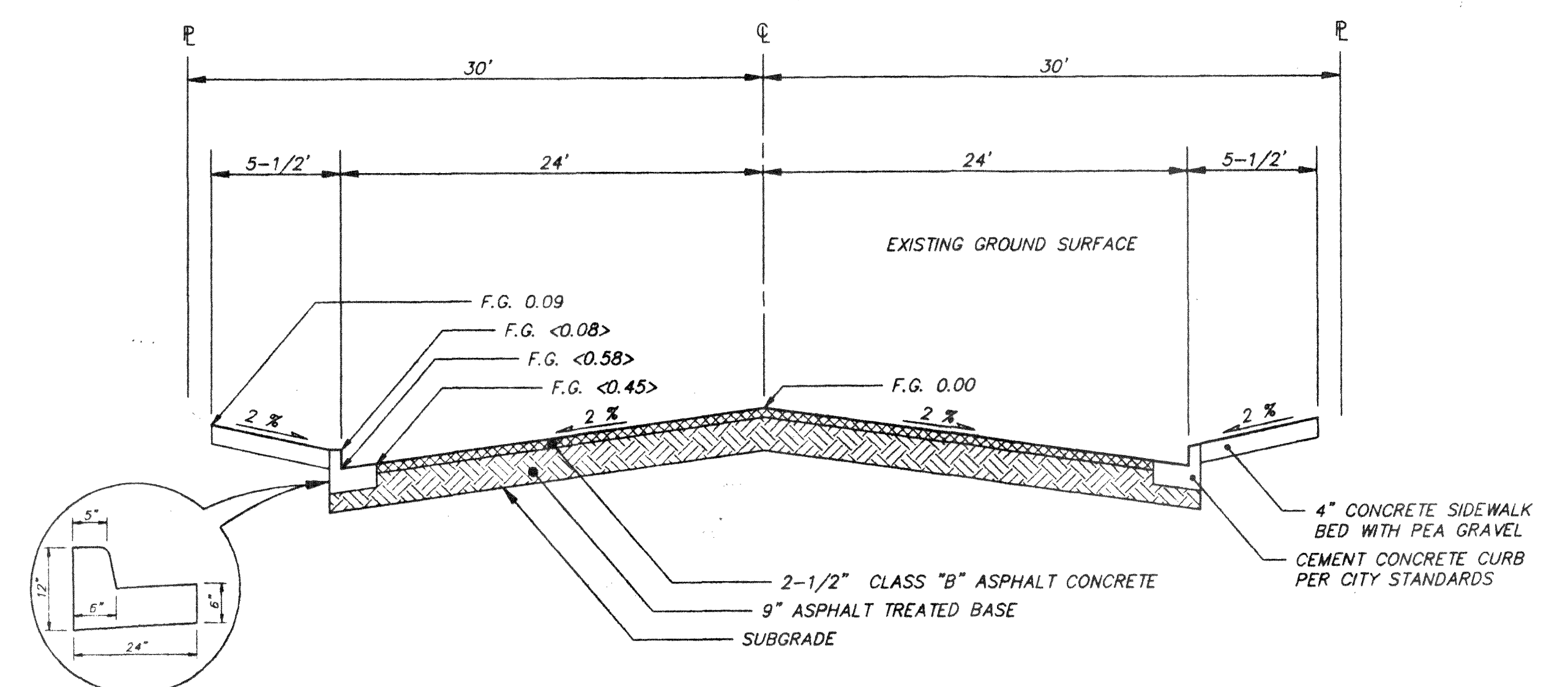
**PAVEMENT TRANSITION**  
(SCALE: 1" = 20')

THIS AS-BUILT DRAWING INCORPORATES A THOROUGH FIELD SURVEY OF OBSERVABLE SURFACE FEATURES AND INVERTS OF VISIBLE STRUCTURES. NO SUBSURFACE INSTALLATIONS INCLUDING EARTHWORK, ROAD SECTION, BACKFILL CONDITIONS, PIPING, AND ETC. HAVE BEEN CONFIRMED. THE DRAWING REFLECTS THE DESIGNED APPROVED PLANS, ENTITLED "EAST TEAK TRADING GROUP, FERNDAL INDUSTRIAL PARK", BY JAMES E. WILSON & ASSOC., DATED DEC. 1991. SUCH FACILITIES WERE INSPECTED BY THE CITY OF FERNDAL AT THE TIME OF CONSTRUCTION.

ENGINEERING PLANS ENTITLED "EAST TEAK TRADING GROUP, FERNDAL INDUSTRIAL PARK" BY JAMES E. WILSON & ASSOC., DATED DEC. 1991.  
BASE DRAWING PROVIDED BY ELECTRONIC FILE FROM WILSON ENGINEERING.

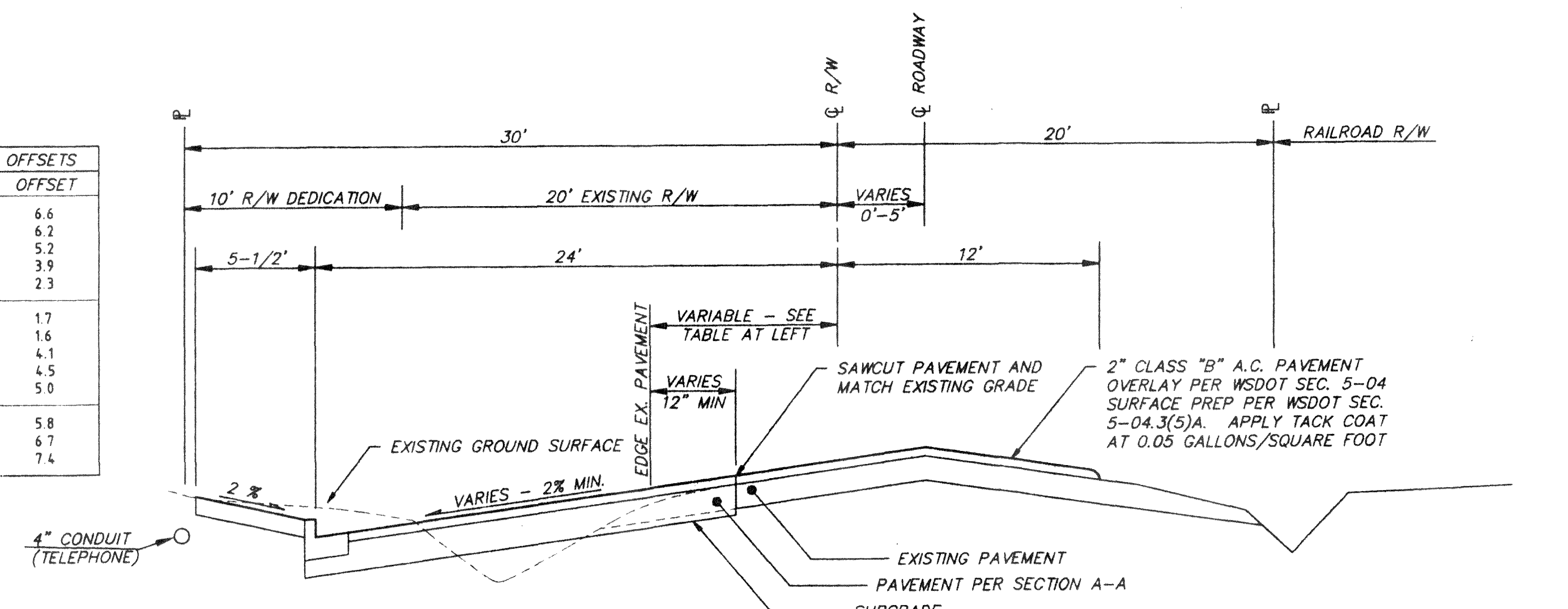


**OUTLET STRUCTURE**  
(NOT TO SCALE)



**ROADWAY SECTION**  
(NOT TO SCALE)

CENTERLINE OFFSETS	
STATION	OFFSET
1+00	6.6
1+50	6.2
2+00	5.2
2+50	3.9
3+00	2.3
3+50	1.7
4+00	1.6
4+50	4.1
5+00	4.5
5+50	5.0
6+00	5.8
6+50	6.7
7+00	7.4



**ROADWAY SECTION B-B**  
(NOT TO SCALE)

ROADWAY, CONCRETE CURB & GUTTER AND SIDEWALK TO BE CONSTRUCTED PER SECTION A-A

00375.DDL 12-10-08 AM