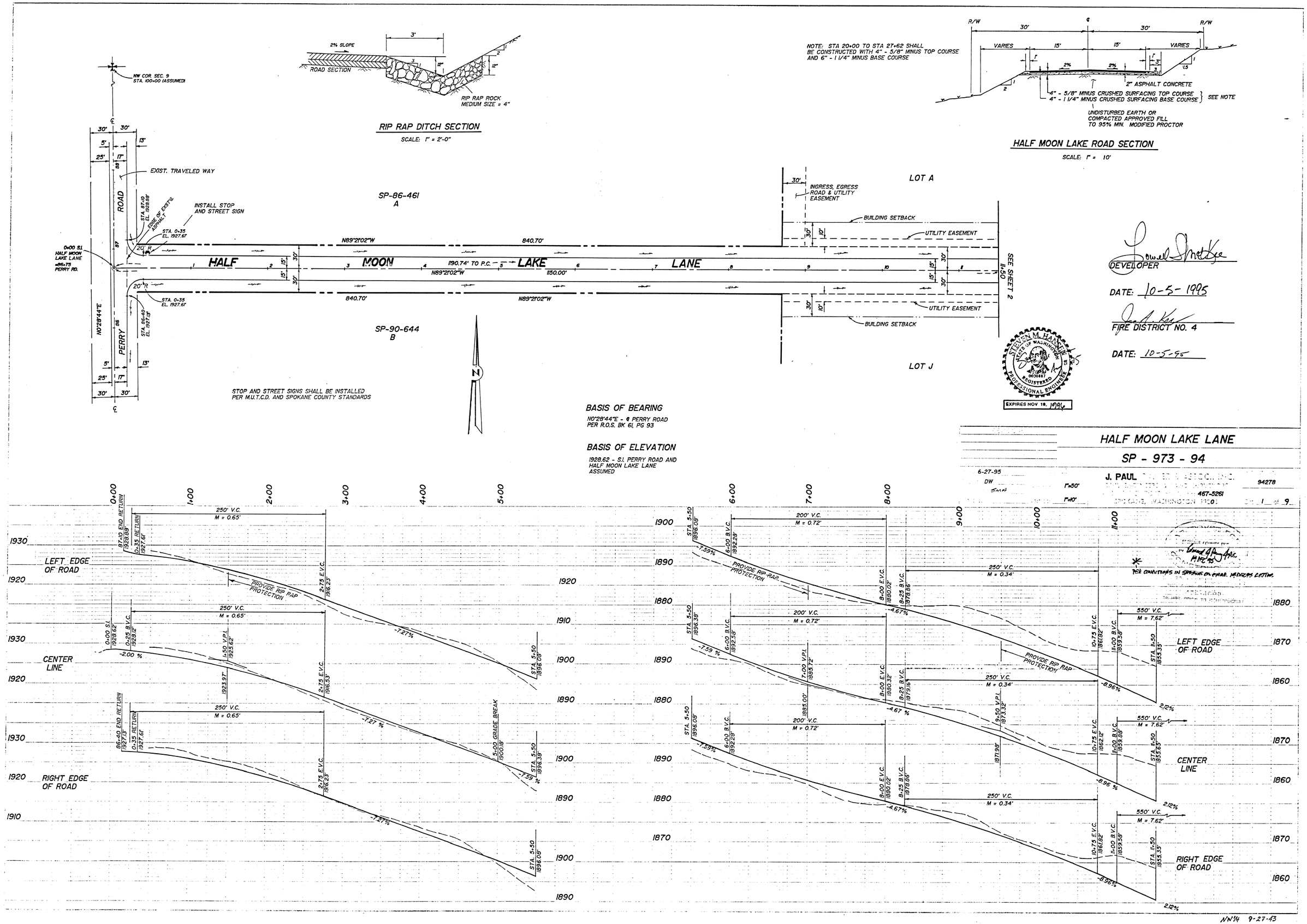
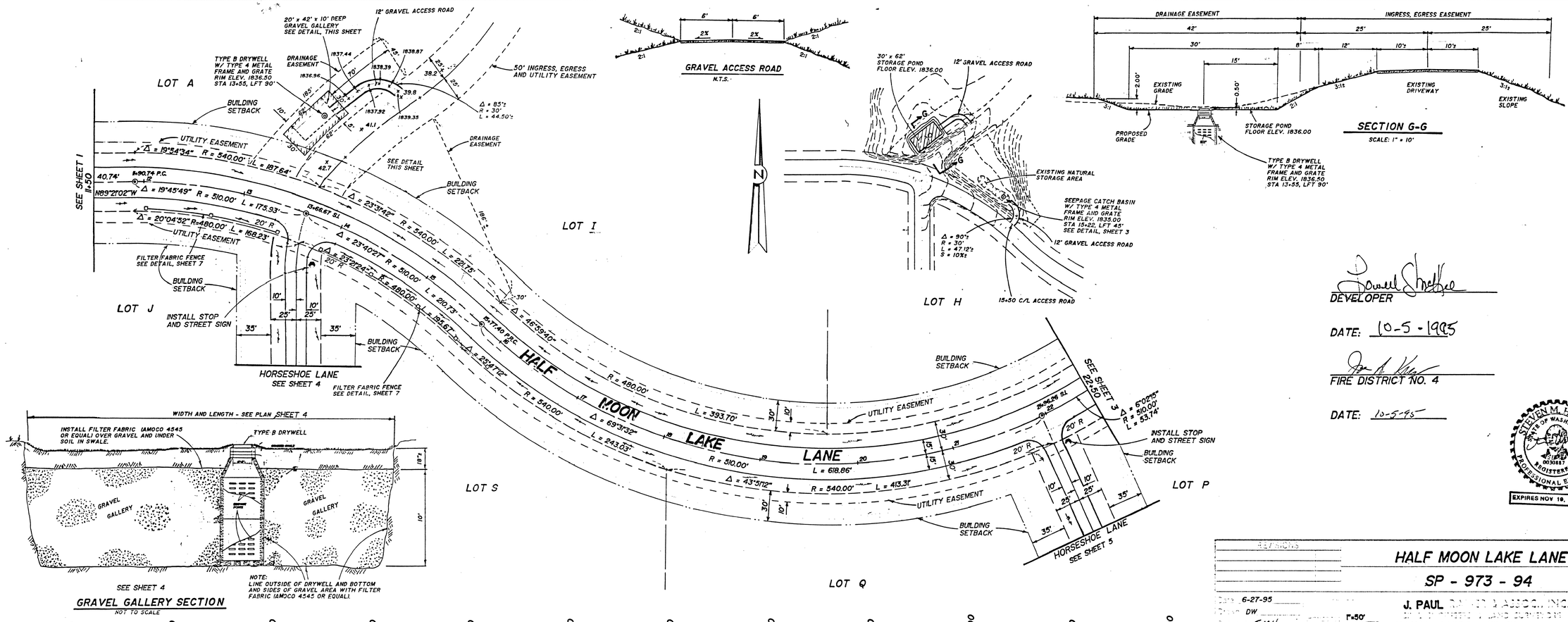


RIP RAP DITCH SECTION
SCALE: 1" = 2'-0"
2% SLOPE
ROAD SECTION
RIP RAP ROCK MEDIUM SIZE = 4"
NOTE: STA 20+00 TO STA 27+62 SHALL BE CONSTRUCTED WITH 4" - 5/8" MINUS TOP COURSE AND 6" - 1 1/4" MINUS BASE COURSE
HALF MOON LAKE ROAD SECTION
SCALE: 1" = 10'
2" ASPHALT CONCRETE
4" - 5/8" MINUS CRUSHED SURFACING TOP COURSE
4" - 1 1/4" MINUS CRUSHED SURFACING BASE COURSE
SEE NOTE
UNDISTURBED EARTH OR COMPACTED APPROVED FILL TO 95% MIN. MODIFIED PROCTOR
NW COR. SEC. 9 STA. 100+00 (ASSUMED)
EXIST. TRAVELED WAY
INSTALL STOP AND STREET SIGN
HALF MOON LAKE LANE
SP-86-461 A
SP-90-644 B
LOT A
LOT J
INGRESS, EGRESS ROAD & UTILITY EASEMENT
BUILDING SETBACK
UTILITY EASEMENT
N89°21'02"W
840.70'
1190.74' TO P.C.
1150.00'
SEE SHEET 2
STOP AND STREET SIGNS SHALL BE INSTALLED PER M.U.T.C.D. AND SPOKANE COUNTY STANDARDS
BASIS OF BEARING
N0°28'44"E - ℄ PERRY ROAD PER R.O.S. BK 61, PG 93
BASIS OF ELEVATION
1928.62 - S.I. PERRY ROAD AND HALF MOON LAKE LANE ASSUMED
LEFT EDGE OF ROAD
CENTER LINE
RIGHT EDGE OF ROAD
PROVIDE RIP RAP PROTECTION
250' V.C. M = 0.65'
200' V.C. M = 0.72'
250' V.C. M = 0.34'
550' V.C. M = 7.62'
-7.27%
-2.00 %
-7.59 %
-4.67%
-8.96%
2.12%
DEVELOPER
DATE: 10-5-1995
FIRE DISTRICT NO. 4
DATE: 10-5-95
EXPIRES NOV 19, 1996
HALF MOON LAKE LANE
SP - 973 - 94
J. PAUL
467-5261
94278
6-27-95
DW
1"=50'
1"=10'
1 of 9
NN'14 9-27-43



DEVELOPER

DATE: 10-5-1995

FIRE DISTRICT NO. 4

DATE: 10-5-95

STEVEN M. HANSEN — STATE OF WASHINGTON — 10-5-95 — 003087 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES NOV 10, 1996

REVISIONS			

HALF MOON LAKE LANE

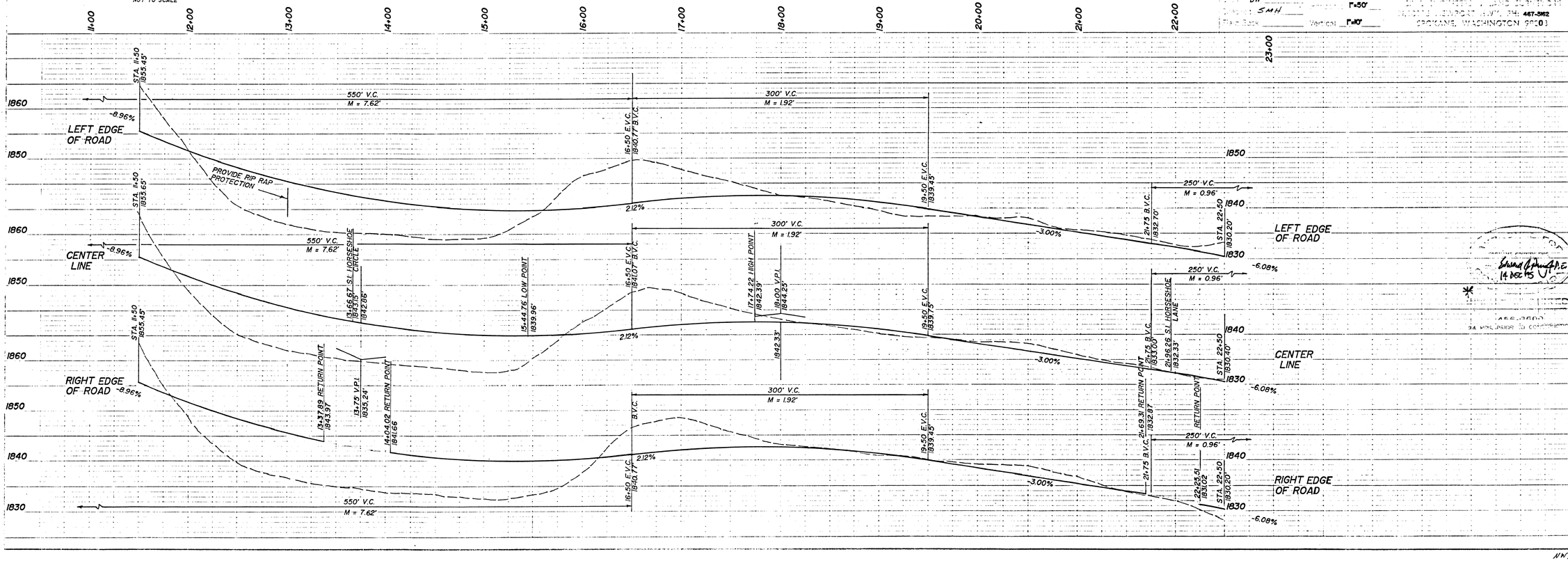
SP - 973 - 94

Date 6-27-95 — Drawn DW — Checked SMH — Plot Date — Horizontal 1"=50' — Vertical 1"=10'

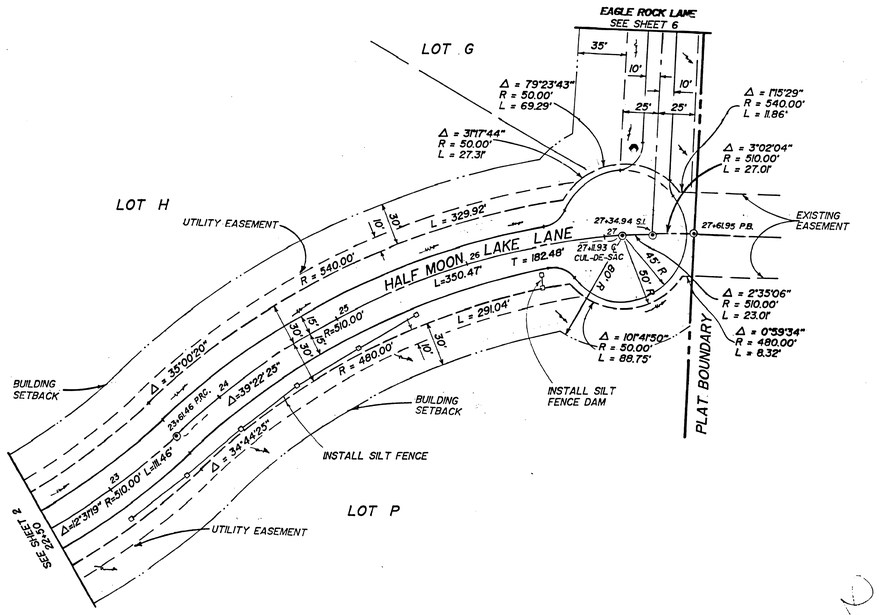
J. PAUL [illegible] ASSOC., INC. — CIVIL ENGINEERS AND SURVEYORS — 94278

[illegible] AIRPORT WAY, PH. 467-5962 — SPOKANE, WASHINGTON 99203

Sht 2 of 9



NW 9-27-95



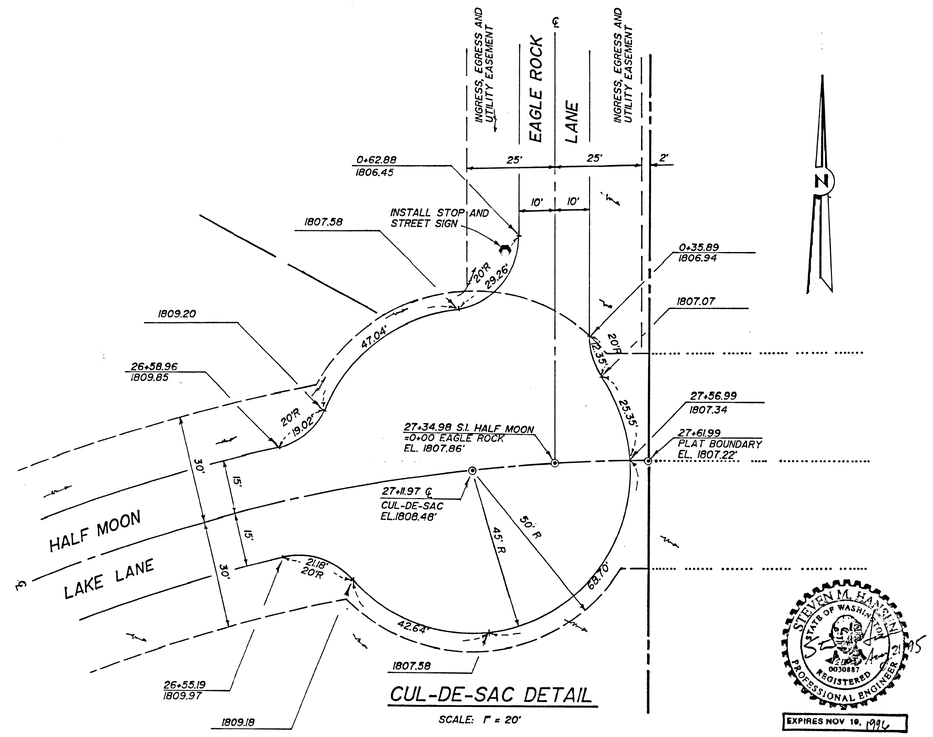
NOTE: SEE SHEET 1 FOR BASIS OF BEARING AND BASIS OF ELEVATION

DEVELOPER

DATE: 10-5-1995

FIRE DISTRICT NO. 4

DATE: 10-5-95



CUL-DE-SAC DETAIL

SCALE: 1" = 20'

STEVEN M. HANKIN
STATE OF WASHINGTON
REGISTERED PROFESSIONAL ENGINEER
EXPIRES NOV 19, 1996

HALF MOON LAKE LANE

SP - 973 - 94

6-27-95
DW
SMH

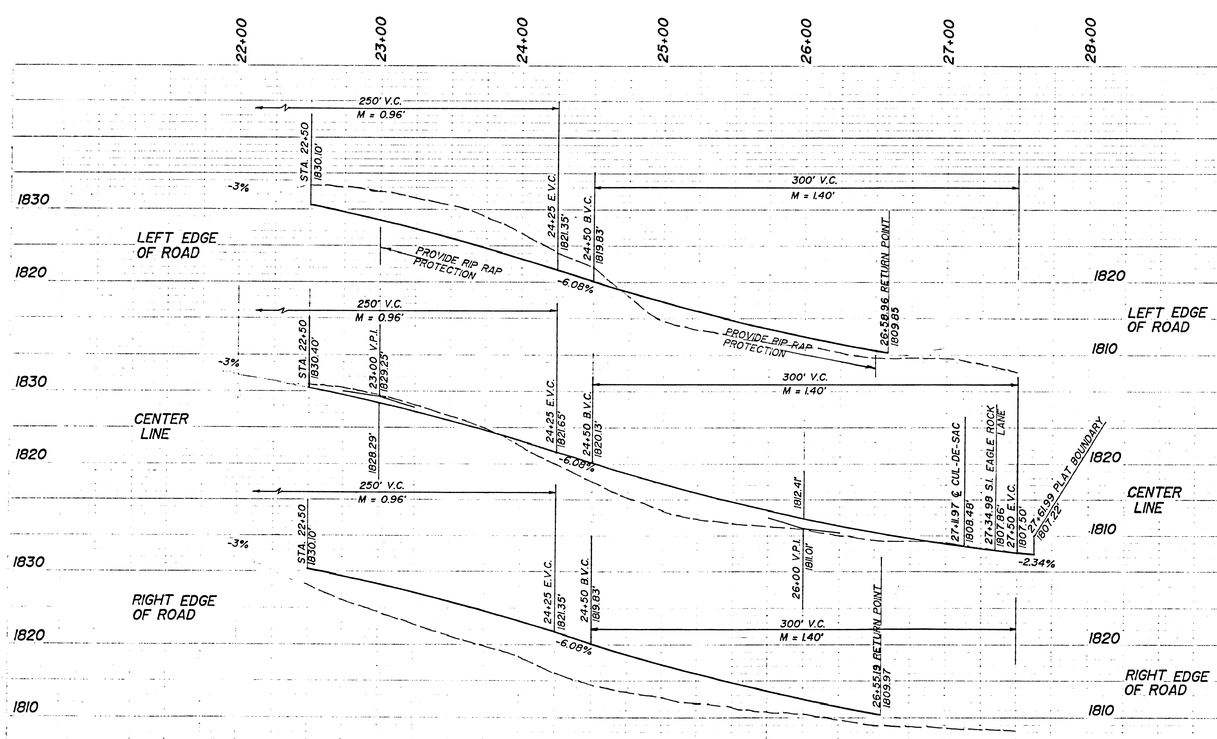
J. PAUL

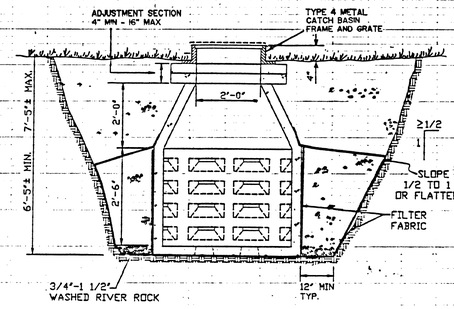
1' = 50"
1' = 10"

467-5261

94278

3 of 9

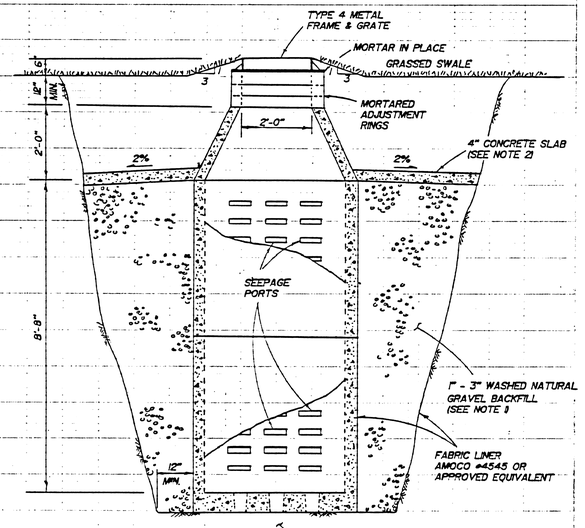




SEEPAGE CATCH BASIN

NOT TO SCALE

SEE SHEET 2 AND 4 PLAN LOCATIONS



GENERAL NOTES:

1. GRAVEL BACKFILL QUANTITY FOR DRYWELL TYPE "B" - 40 CUBIC YARDS MINIMUM / 56 TONS
2. CONCRETE SLAB SHALL BE CLASS 3000 CONCRETE.
3. ADJUSTMENT BLOCKS SHALL BE CEMENT CONCRETE.
4. PRECAST RISER MAY BE USED IN COMBINATION WITH OR IN LIEU OF ADJUSTING BLOCKS.

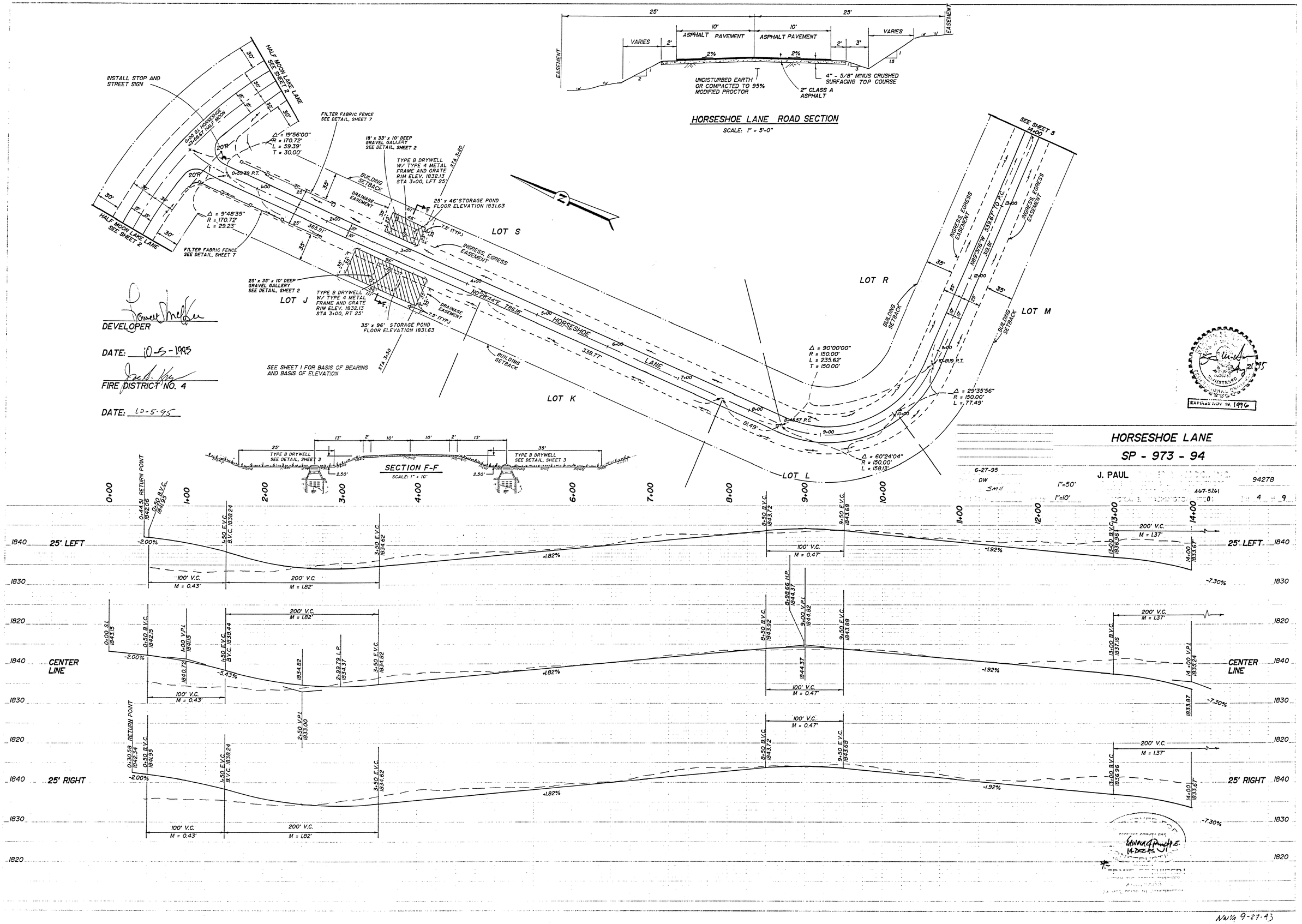
APPROVED FOR CONSTRUCTION
BY Edward J. Pangle P.E.
14 DEC 95

FERMIT ENGINEER
NOTIFY FIRE DISTRICT ENGINEER
456-2600
24 HRS. PRIOR TO CONSTRUCTION

DRYWELL - TYPE "B"

SCALE: 1" = 2'-0"

NW¼ 9-27-43


HORSESHOE LANE ROAD SECTION
SCALE: 1" = 5'-0"
ASPHALT PAVEMENT
UNDISTURBED EARTH OR COMPACTED TO 95% MODIFIED PROCTOR
2" CLASS A ASPHALT
4" - 5/8" MINUS CRUSHED SURFACING TOP COURSE
INSTALL STOP AND STREET SIGN
HALF MOON LAKE LANE SEE SHEET 2
FILTER FABRIC FENCE SEE DETAIL, SHEET 7
18' x 33' x 10' DEEP GRAVEL GALLERY SEE DETAIL, SHEET 2
TYPE B DRYWELL W/ TYPE 4 METAL FRAME AND GRATE RIM ELEV. 1832.13 STA 3+00, LFT 25'
25' x 46' STORAGE POND FLOOR ELEVATION 1831.63
25' x 35' x 10' DEEP GRAVEL GALLERY SEE DETAIL, SHEET 2
TYPE B DRYWELL W/ TYPE 4 METAL FRAME AND GRATE RIM ELEV. 1832.13 STA 3+00, RT 25'
35' x 96' STORAGE POND FLOOR ELEVATION 1831.63
BUILDING SETBACK
DRAINAGE EASEMENT
INGRESS, EGRESS EASEMENT
LOT S
LOT J
LOT K
LOT L
LOT R
LOT M
HORSESHOE LANE
SEE SHEET 1 FOR BASIS OF BEARING AND BASIS OF ELEVATION
SEE SHEET 5
SECTION F-F
SCALE: 1" = 10'
TYPE B DRYWELL SEE DETAIL, SHEET 3
25' LEFT
CENTER LINE
25' RIGHT
RETURN POINT
100' V.C. M = 0.43'
200' V.C. M = 1.82'
100' V.C. M = 0.47'
200' V.C. M = 1.37'
EXPIRES NOV 19, 1996
HORSESHOE LANE
SP - 973 - 94
J. PAUL
94278
6-27-95
1"=50'
1"=10'
DEVELOPER
DATE: 10-5-1995
FIRE DISTRICT NO. 4
DATE: 10-5-95

NW 9-27-93

GENERAL NOTES:

All work and materials shall be in conformance with the "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 1992" and as amended.

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 ant discrepancies between the plans and existing conditions encountered, the Contractor shall immediately notify the Design Engineer and the Spokane County Engineer's Office.

Prior to site construction, the Contractor is responsible for locating underground utilities. Call the underground utility location service at 456-8000 before you dig.

For any curb grades less than 0.80% (0.0080 ft/ft), a Washington State Licensed Professional Land Surveyor shall verify that the curb 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.

An Erosion/Sedimentation control (ESC) plan is required for this project. Implementation of the ESC plan, and construction, maintenance, and upgrading of the ESC facilities are 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 ESC plan does not constitute approval of any of the proposed road, storm drainage, grading or utility design elements shown on the ESC plan.

The erosion/sedimentation control measures shown are the minimum requirements for the anticipated site conditions. The Contractor shall inspect and maintain these ESC measures daily, and shall maintain and upgrade these measures as necessary to prevent sediment-laden water from either flowing off the site, or into new/existing storm drainage facilities, such as drywells, culverts, or gravel galleries, and wetlands.

The Contractor/Developer is responsible for installing Rock Construction Entries at any and all locations used to enter or exit the project site.

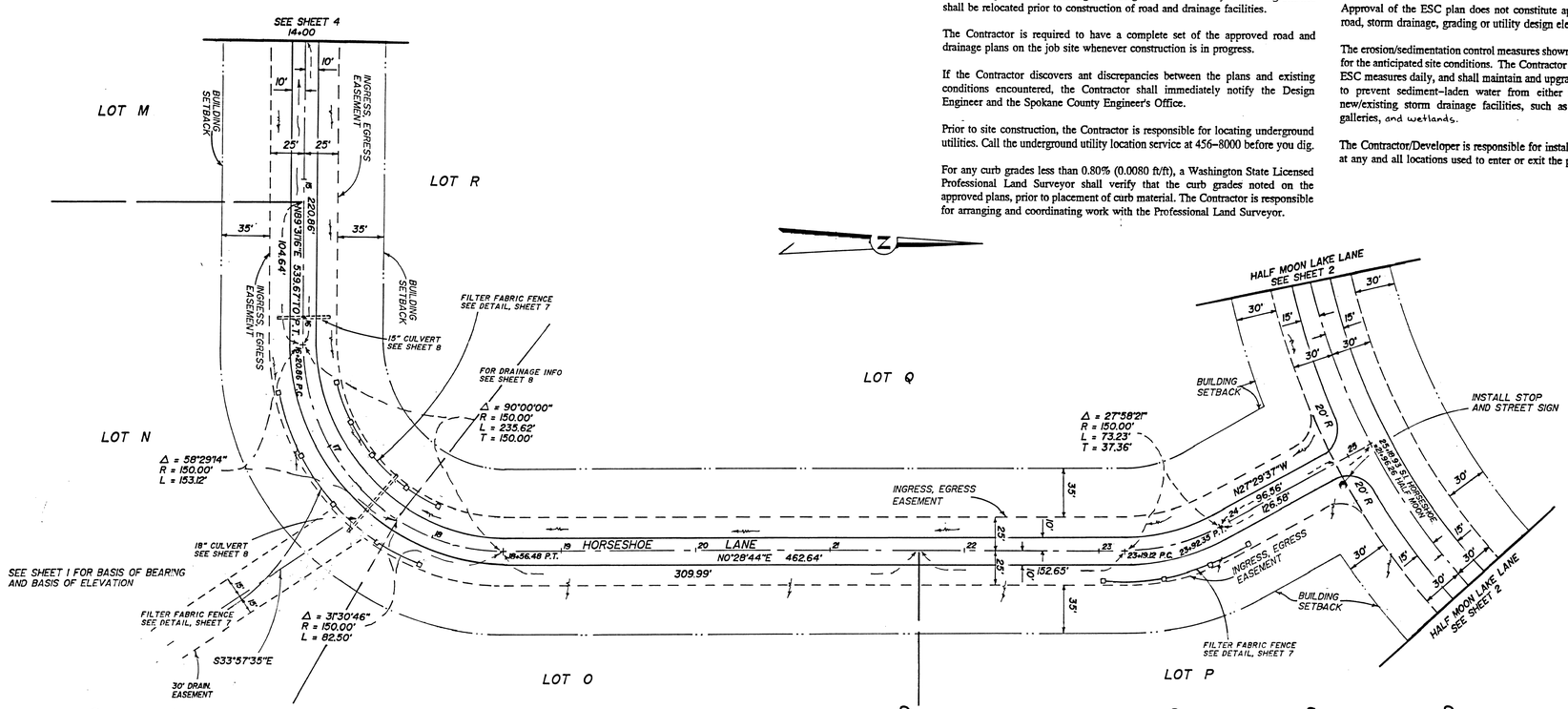
Lowell Shaffer
DEVELOPER

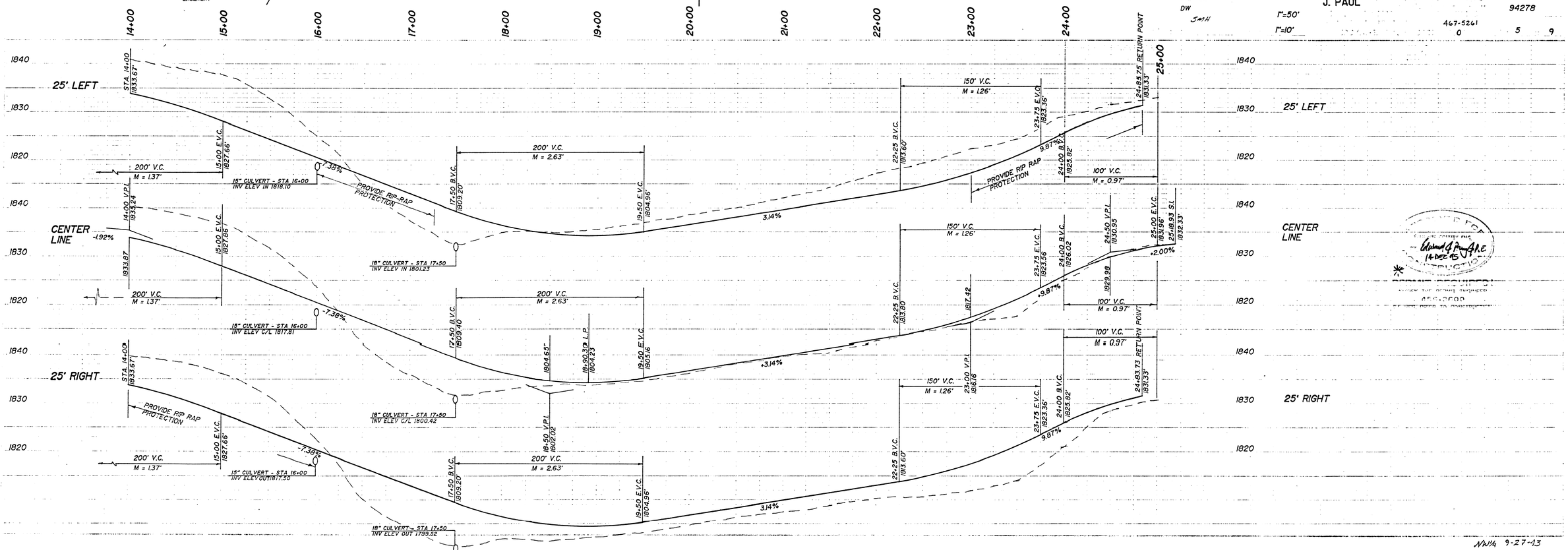
DATE: 10-5-1995

FIRE DISTRICT NO. 4

DATE: 10-5-95

STEVEN M. HAMM — STATE OF WASHINGTON — 21635 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES NOV 10, 1996

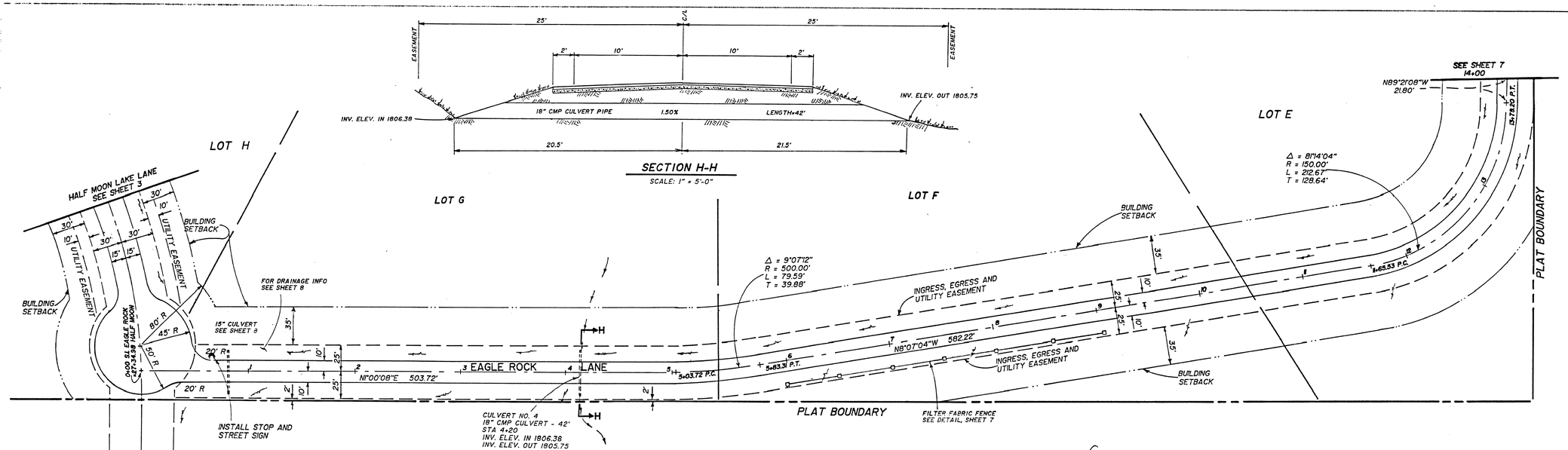




	HORSESHOE LANE
	SP - 973 - 94
6-27-95	J. PAUL
DW	94278
SMH	467-5261
1"=50'	0 5 9
1"=10'	

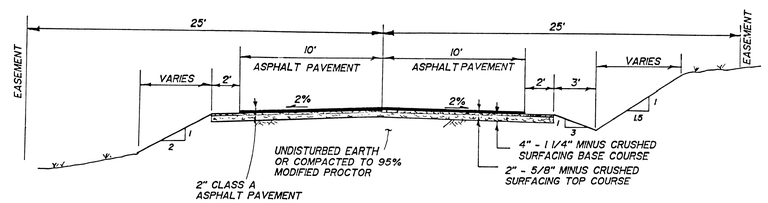
Richard G. Pfau 41.E 14 DEC 95

NWH 9-27-95



SECTION H-H

SCALE: 1" = 5'-0"



EAGLE ROCK LANE SECTION

SCALE: 1" = 5'-0"

SEE SHEET 1 FOR BASIS OF BEARING AND BASIS OF ELEVATION

DEVELOPER

DATE: 10-5-1995

FIRE DISTRICT NO. 4

DATE: 10-5-95

EXPIRES NOV 10, 1996

EAGLE ROCK LANE

SP - 973 - 94

6-27-95
DW
SMH

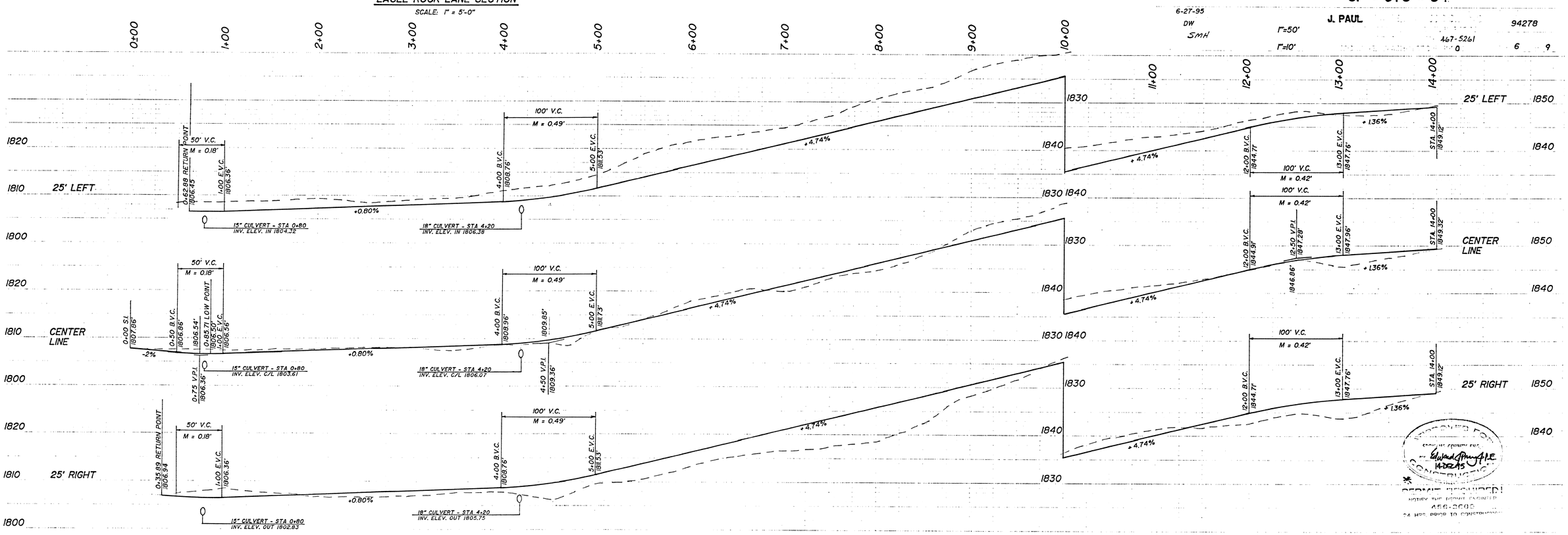
J. PAUL

1"=50'
1"=10'

467-5261

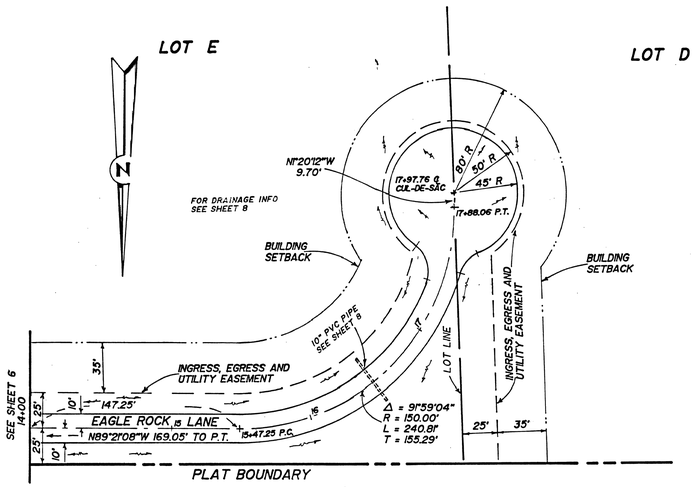
94278

0 6 9

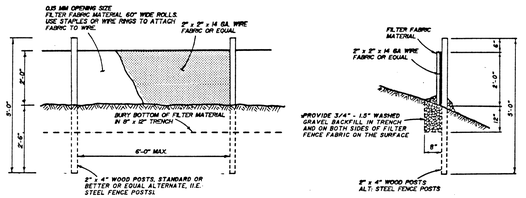


PERMIT REQUIRED!
NOTIFY THE PERMIT ENGINEER
456-3600
24 HRS. PRIOR TO CONSTRUCTION

NW¼ 9-27-43

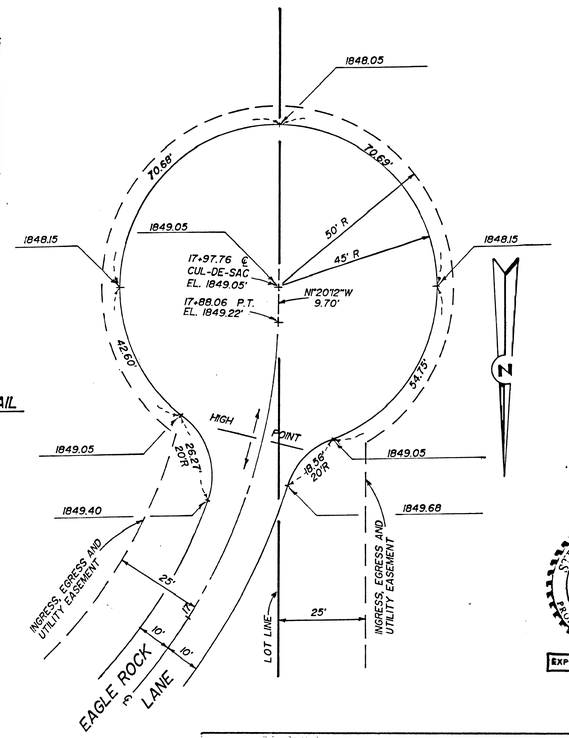


SEE SHEET 1 FOR BASIS OF BEARING
AND BASIS OF ELEVATION



FILTER FABRIC FENCE DETAIL

NOT TO SCALE



CUL-DE-SAC DETAIL

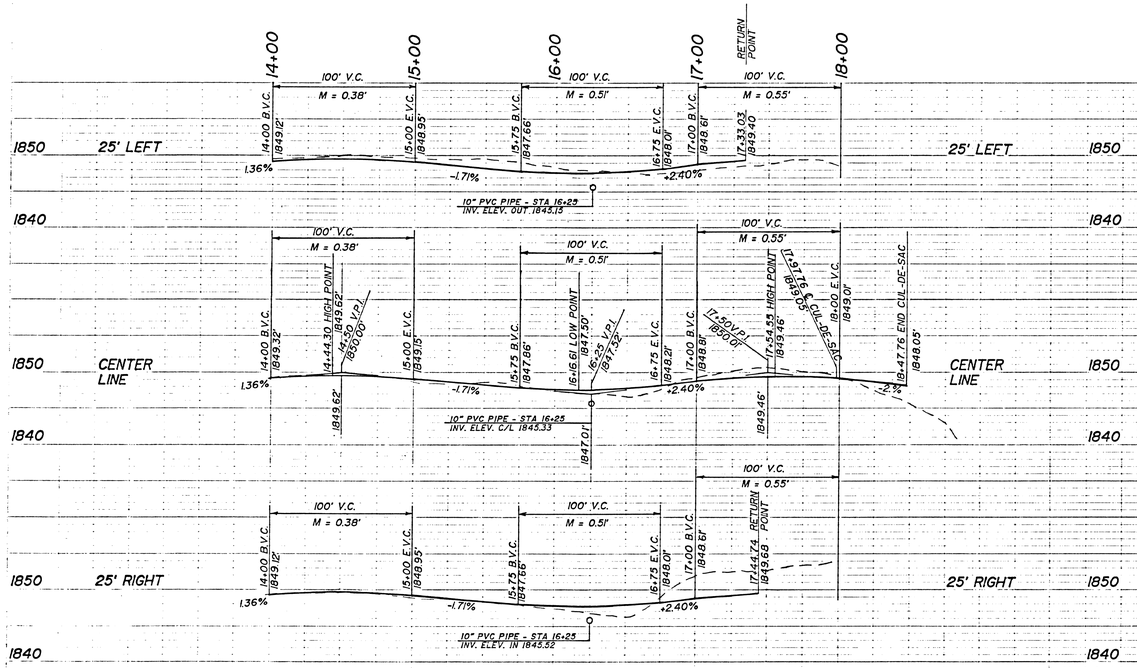
SCALE: 1" = 20'

DEVELOPER

DATE: 10-5-1995

FIRE DISTRICT NO. 4

DATE: 10-5-95



REVISIONS

EAGLE ROCK LANE

SP - 973 - 94

Date 6-27-95
Drawn DW
Checked
Field Book
Horizontal 1"=50'
Vertical 1"=10'

J. PAUL RAMER & ASSOC., INC.
CIVIL ENGINEERS & LAND SURVEYORS
[illegible] NEWPORT HWY. PH: 467-5261
SPOKANE, WASHINGTON 99203

Project No. 94278

Sht 7 of 9

EXPIRES NOV 19, 1996

NW 1/4 9-27-43