

The floor of a 208 swale includes the level portion of the floor of the swale, and the sideslopes of the swale up to the 208 overflow elevation or top of drywell. The soil located in the floor of a 208 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 '208' 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

DRYWELLS						
No.	Type	Basin	Station	Road	%Offset	Rim Elev.
1	B	H	N/A	Kathy Lane	N/A	1653.50
2	B	H	N/A	Kathy Lane	N/A	1653.50

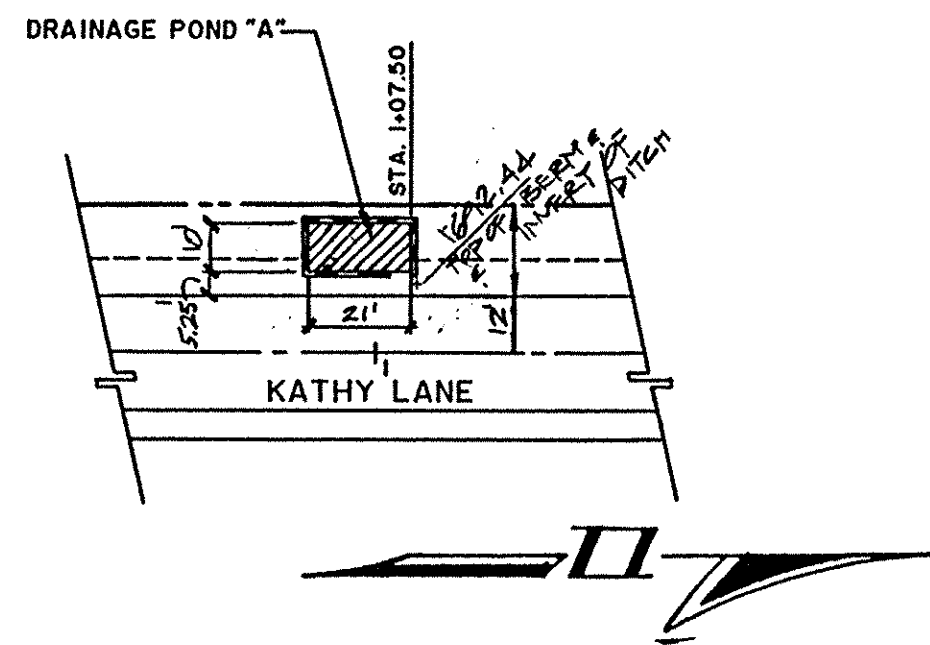
DRAINAGE PONDS				
Basin I.D.	Bottom Width	Bottom Length	Bottom Area	Swale Elev. Fin. Grade
A	21	10	210	1691.94
B	* 36.0	15	540	1675.15
C	16.7	15	251	1670.53
D	16.7	25	416	1662.58
E	10.7	15	161	1661.84
F	15	15	225	1657.80
G	14	17	238	1657.53
H	30	10.5	315	1653.00

\* 36.0 BOTTOM WIDTH INDICATES GRASSED SWALE WIDTH ONLY DRAINAGE POND "B" DETAIL DEPICTS DIMENSION INCLUDING RETAINING WALLS.

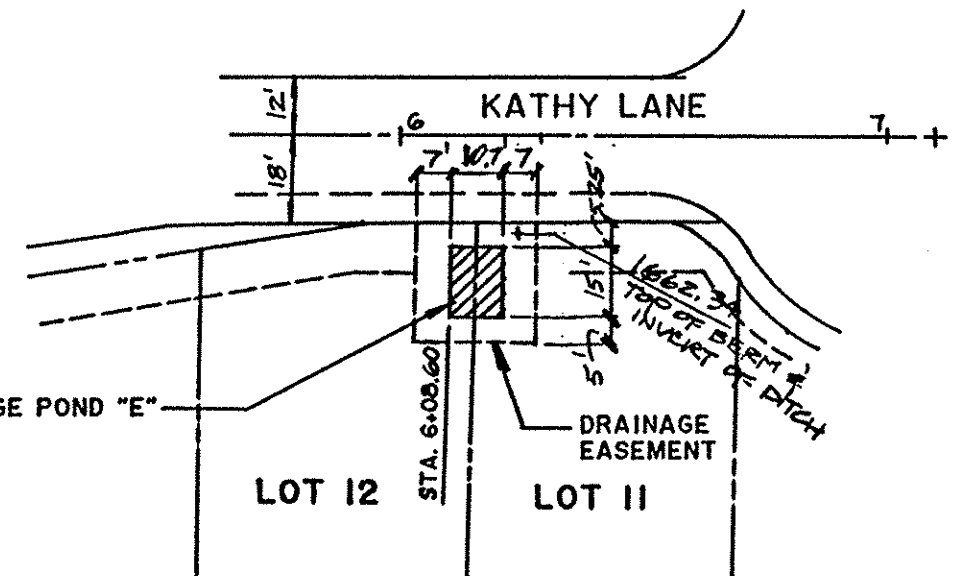
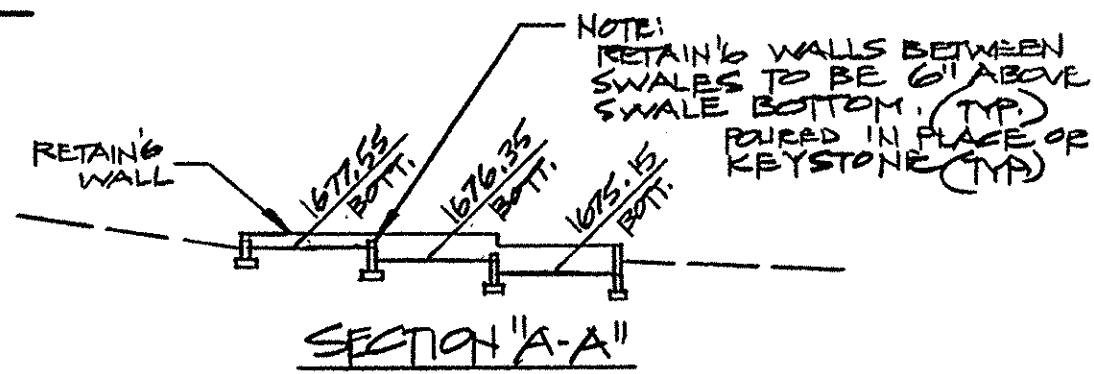
**Standard Erosion Control Notes**

These notes are to be included in the plan set when erosion control facilities are required and incorporated into the plans.

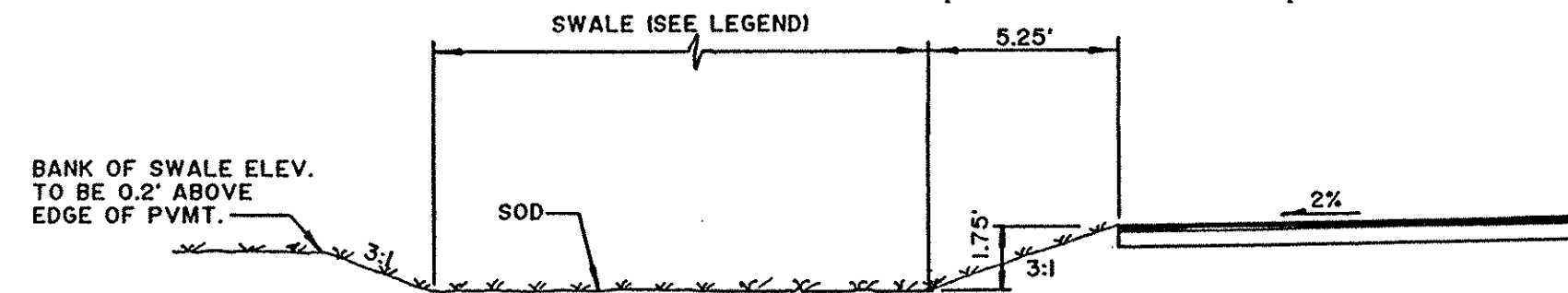
- ER1) An Erosion/Sedimentation Control (ESC) plan is required for this project. Implementation of the ESC plan, and construction, maintenance, and upgrading of the ESC facilities are the responsibility of the Developer until all construction is completed and accepted by Spokane County, or until vegetation is established throughout the site, and accepted by Spokane County, whichever is later.
- ER2) 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.
- ER3) 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.
- ER4) The Contractor/Developer is responsible for installing Rock Construction Entries at any and all locations used to enter or exit the project site.



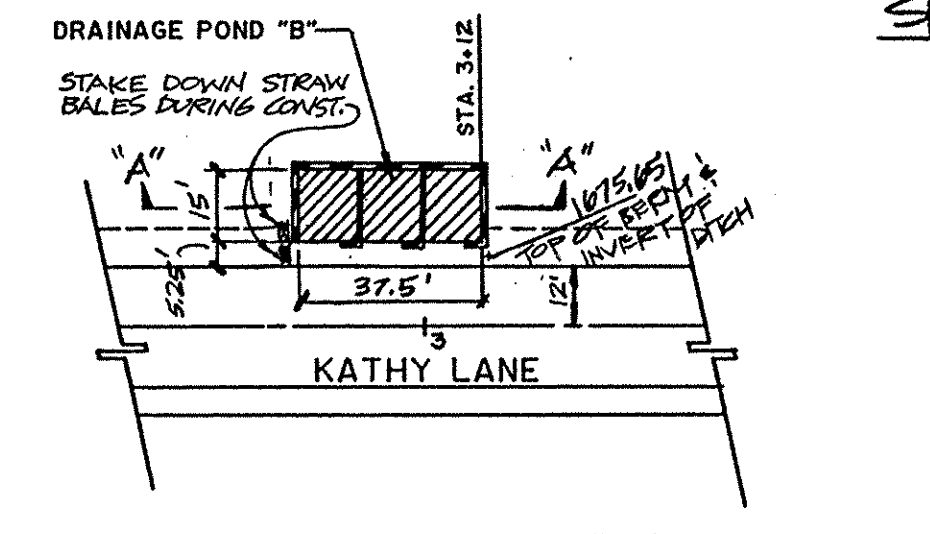
**DRAINAGE POND "A"**  
SCALE: 1" = 40'



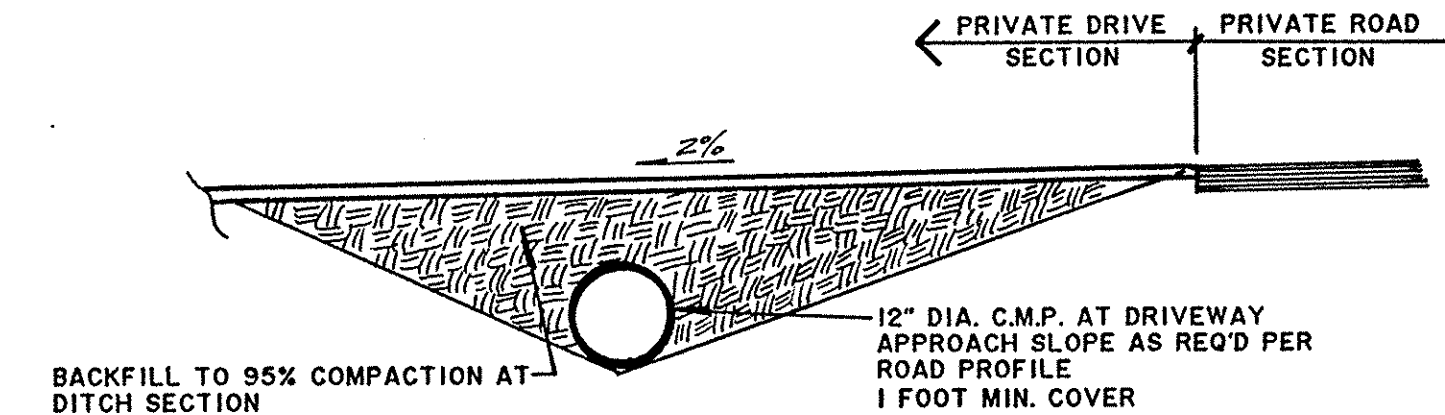
**DRAINAGE POND "E"**  
SCALE: 1" = 40'



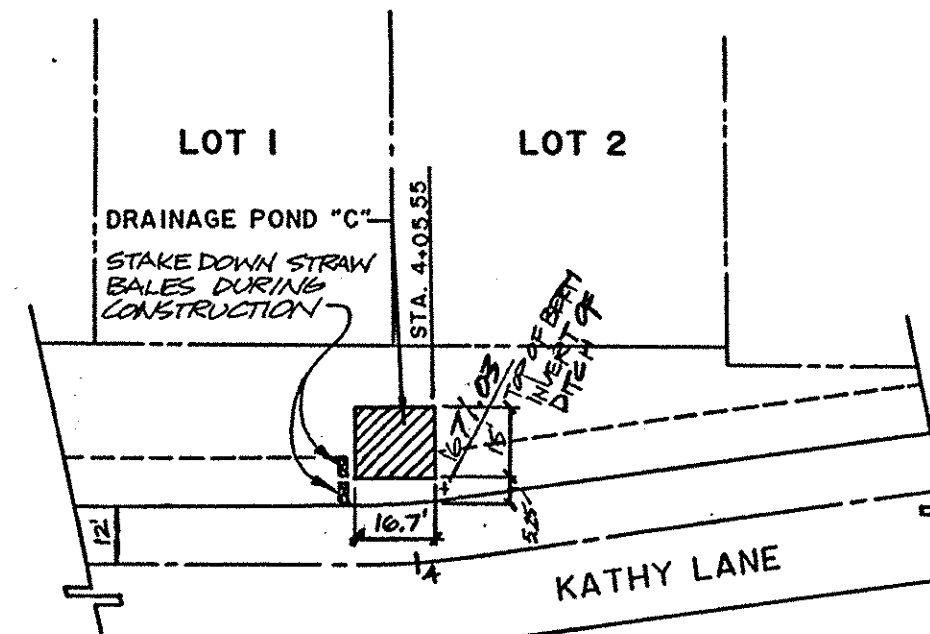
**TYPICAL DRAINAGE POND SECTION**  
SCALE: 1" = 5'-0"



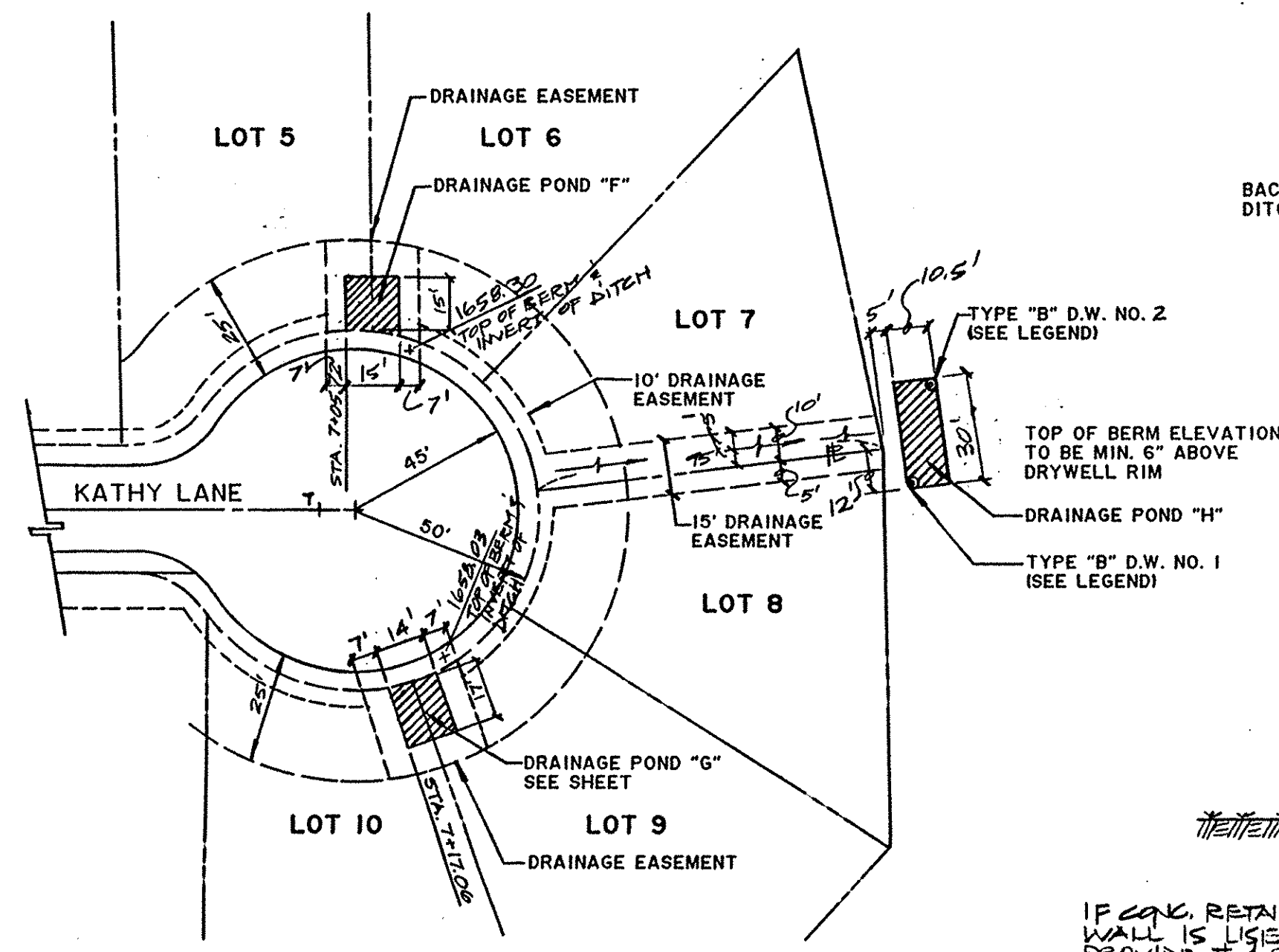
**DRAINAGE POND "B"**  
SCALE: 1" = 40'



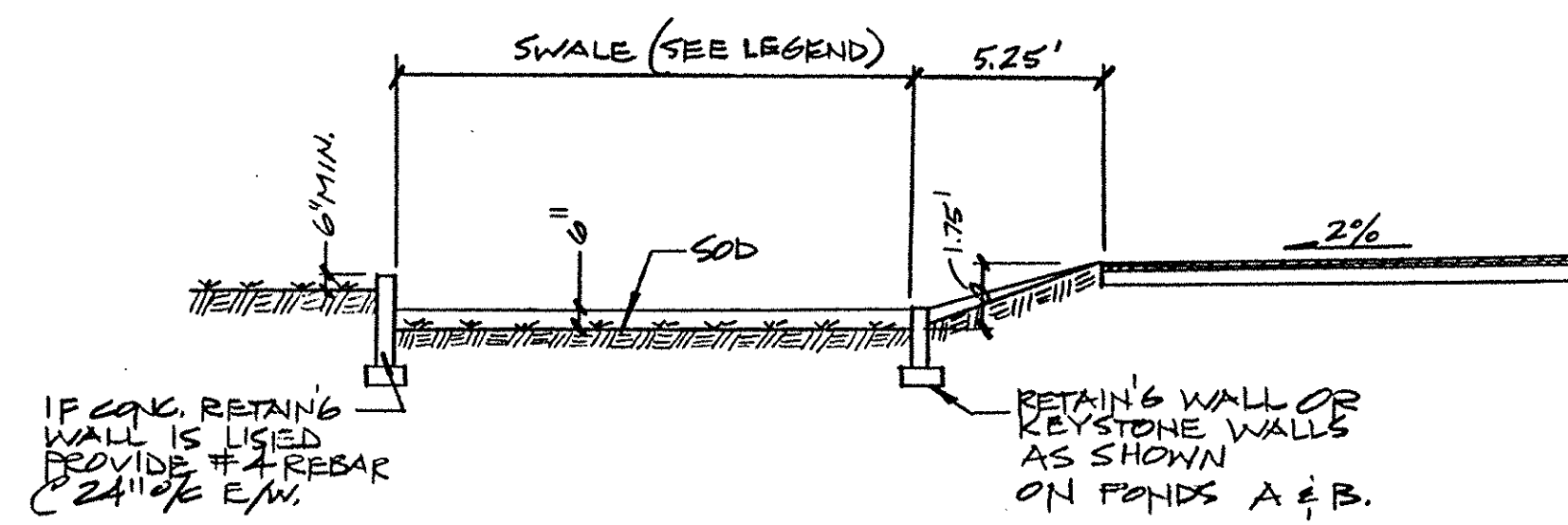
**PRIVATE DRIVEWAY DETAIL**  
SCALE: 1" = 2'-0"



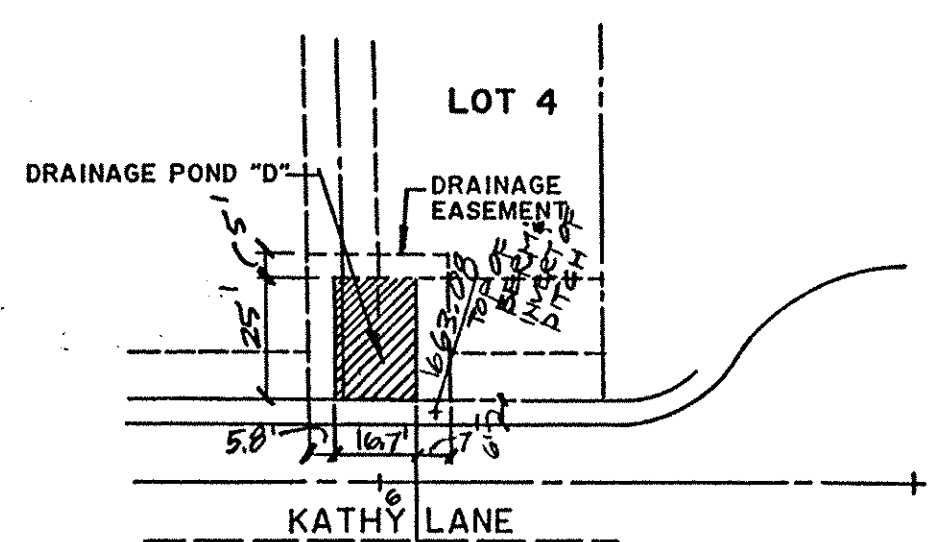
**DRAINAGE POND "C"**  
SCALE: 1" = 40'



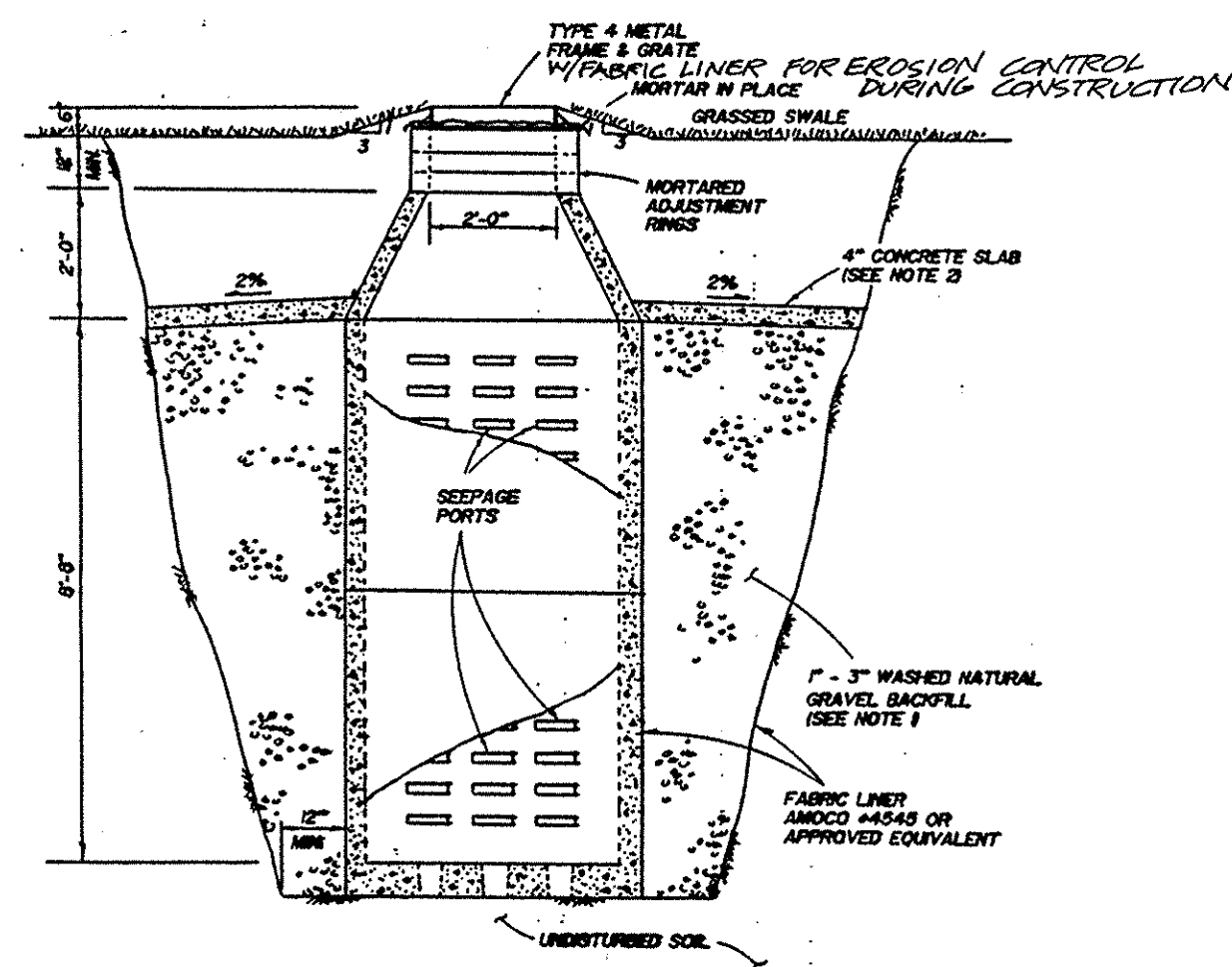
**DRAINAGE PONDS "F", "G", AND "H"**  
SCALE: 1" = 40'



**TYPICAL DRAINAGE POND W/ RETAINING WALLS**  
SCALE: 1" = 5'-0"



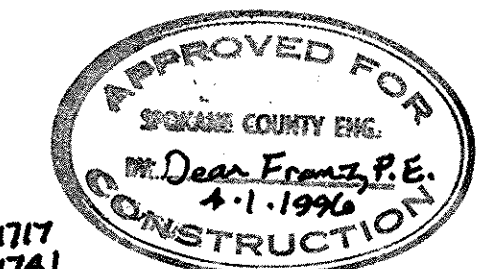
**DRAINAGE POND "D"**  
SCALE: 1" = 40'



**DRYWELL - TYPE "B"**  
N.T.S.

**DRYWELL 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  
Mr. Dean Franz, P.E.  
4-1-1996  
PERMIT REQUIRED!  
NOTIFY THE PERMIT ENGINEER  
456-3600  
24 HRS. PRIOR TO CONSTRUCTION

Clifford J. Inman  
DEVELOPER  
DATE: Feb 21, 1996



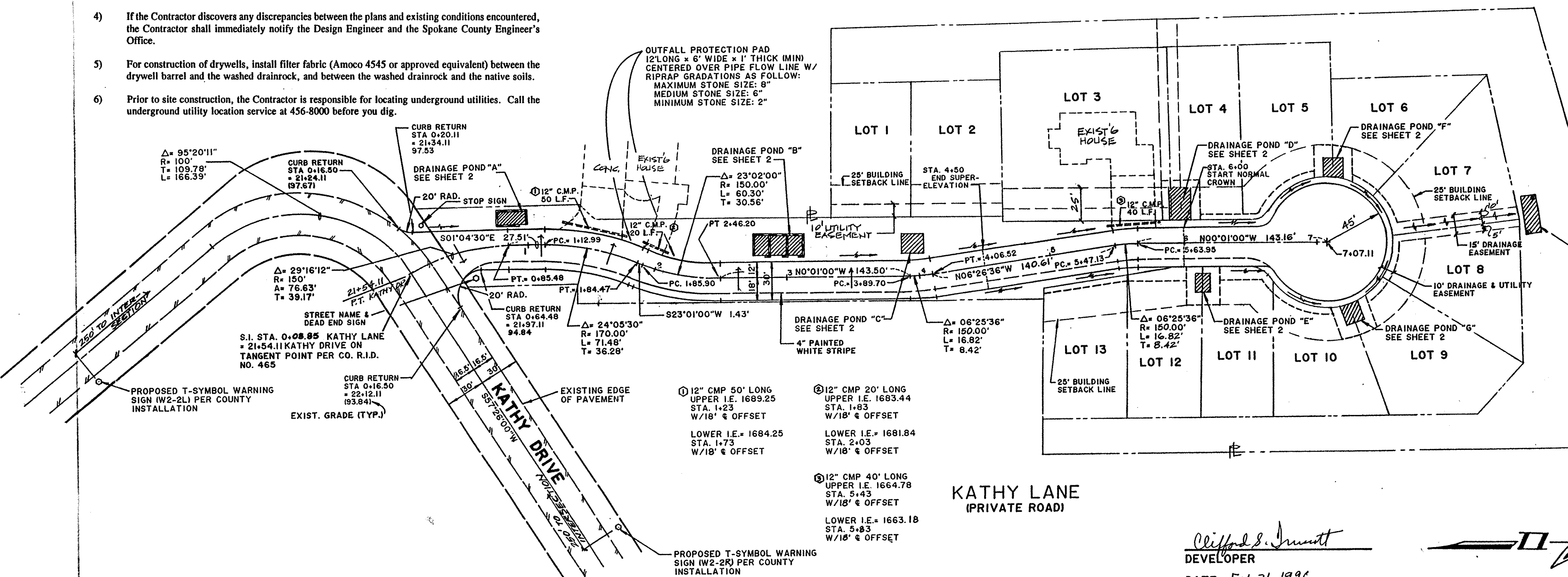
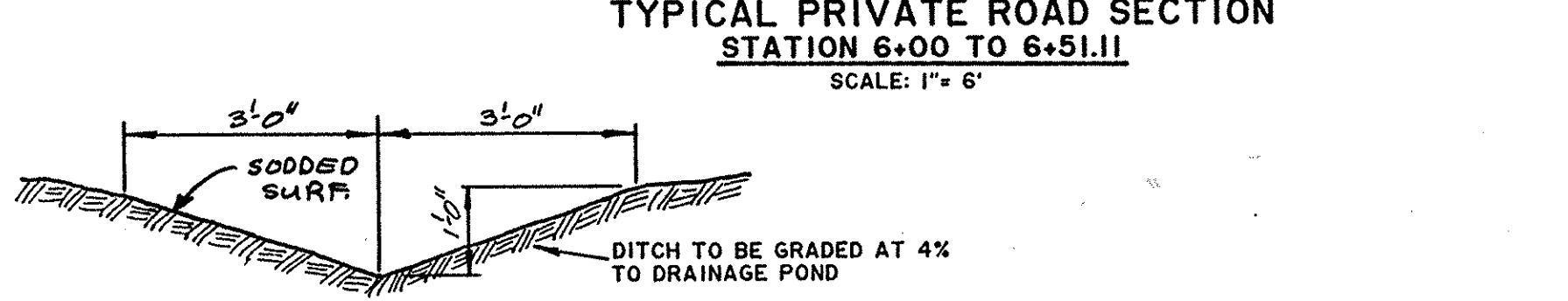
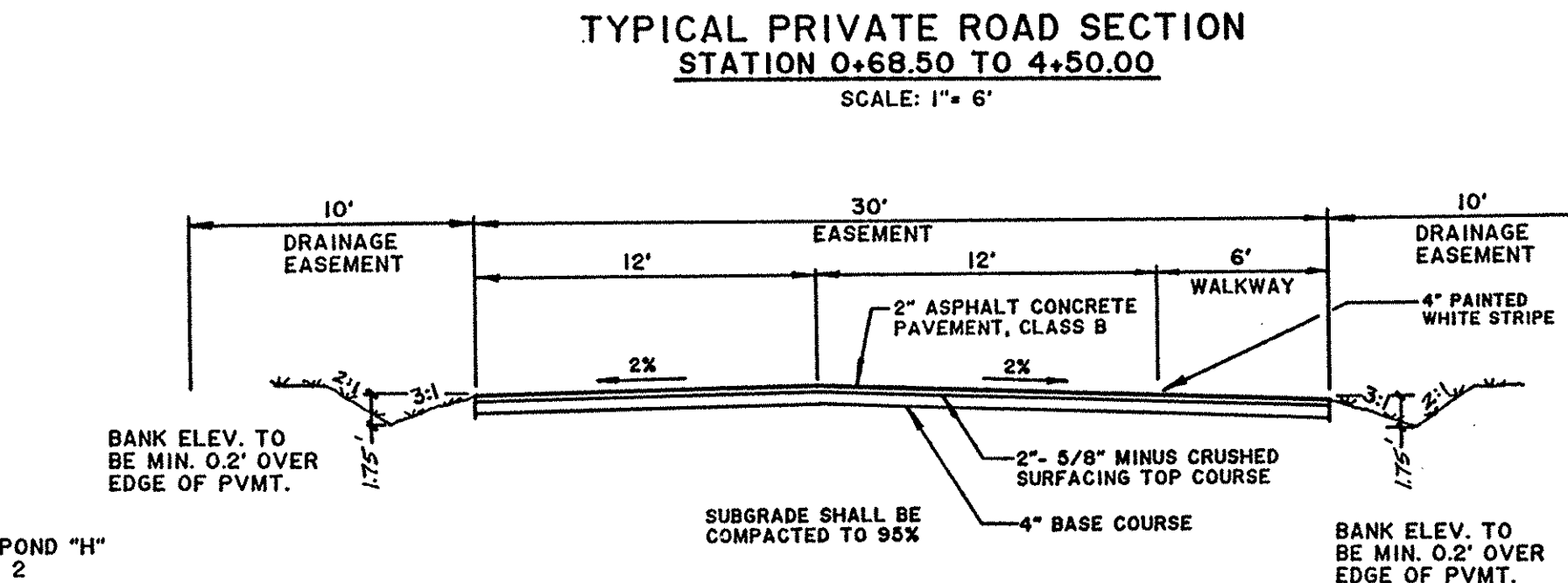
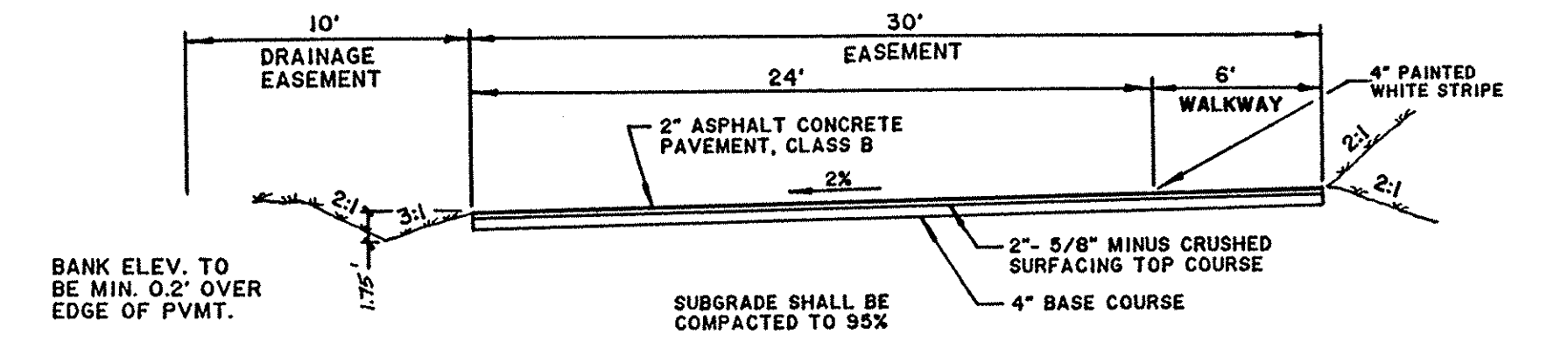
REVISIONS		PRIVATE ROAD PLAN	
Date	8/4/95	SCALE	Horizontal N.A.
Drawn	KSN	Vertical	N.A.
Checked	PMK	Project No. 95259	
Field Book		Project No. 95259	
		Sht. 2 of 2	

PRIVATE ROAD PLAN  
NEIGHBORHOOD NORTH P.U.D.

J. PAUL RAMER & ASSOC., INC.  
CIVIL ENGINEERS & LAND SURVEYORS  
N. 10115 NEWPORT HWY. PH. 467-5261  
SPOKANE, WASHINGTON 99208

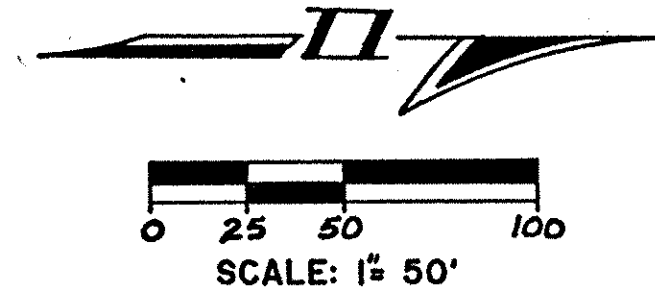
**Standard Plan Notes for Developer Plan Submittals**

- 1) All work and materials shall be in conformance with the "SPOKANE COUNTY STANDARDS FOR ROAD AND SEWER CONSTRUCTION 1992", and as amended.
- 2) 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.
- 3) 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.
- 4) 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.
- 5) 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 the native soils.
- 6) Prior to site construction, the Contractor is responsible for locating underground utilities. Call the underground utility location service at 456-8000 before you dig.

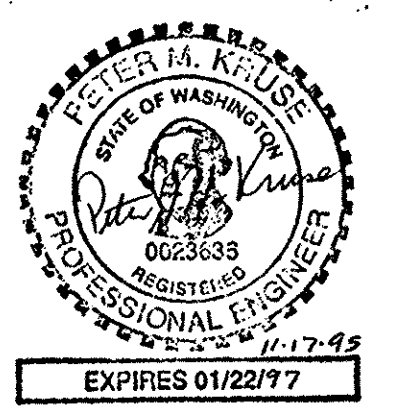


**KATHY LANE  
(PRIVATE ROAD)**

Clifford J. Inmitt  
DEVELOPER  
DATE: Feb 21, 1996



**BASIS OF ELEVATION:**  
ELEV. 1680.26 ASSUMED ELEVATION ON HEAD BOLT OF FIRE HYDRANT AT SE COR. HEMLOCK LANE & KATHY DR.



REVISIONS		KATHY LANE NEIGHBORHOOD NORTH P.U.D.		Project No. <b>95259</b>
Date	8/4/95	Scale	Horizontal 1" = 50' Vertical 1" = 10'	Sheet 1 of 2
Drawn	KSN	J. PAUL RAMER & ASSOC., INC. CIVIL ENGINEERS & LAND SURVEYORS N.10115 NEWPORT HWY. PH. 467-5261 SPOKANE, WASHINGTON 99218		
Checked	PMK			
Field Book	LL			

