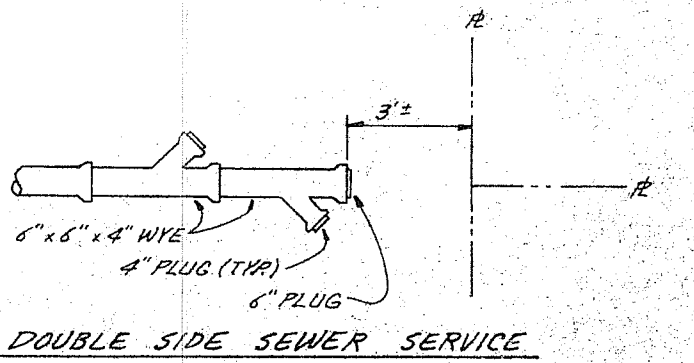
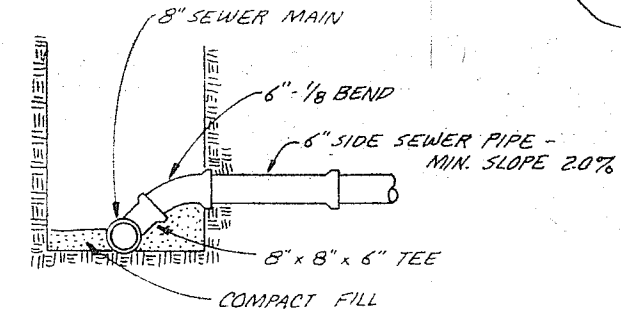
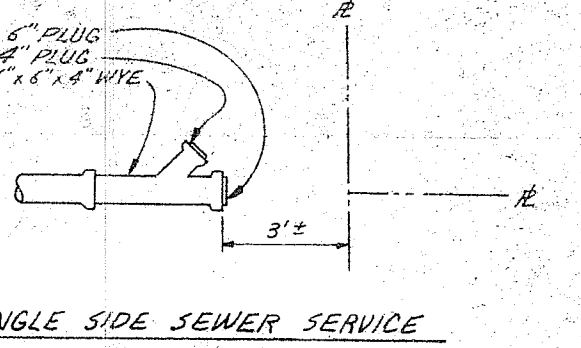


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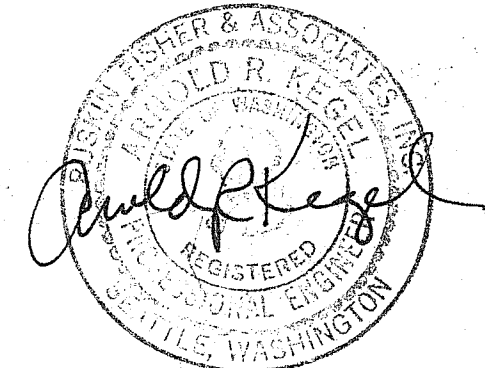
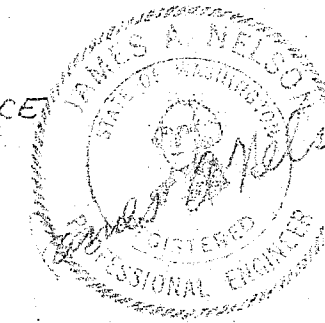


GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE CITY OF FERDALE AS APPROVED BY THE WASHINGTON STATE DEPARTMENT OF SOCIAL & HEALTH SERVICES AND THE DEPARTMENT OF ECOLOGY.
2. ALL LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY TRUE AND CORRECT LOCATION SO AS TO AVOID DAMAGE AND DISTURBANCE.
3. CONTRACTOR SHALL VERIFY THAT ALL EASEMENTS ARE OBTAINED PRIOR TO STARTING CONSTRUCTION.
4. TOP ELEVATIONS GIVEN ARE APPROXIMATE. TOPS SHALL BE ADJUSTED TO FIT FINAL ROAD GRADE ELEVATIONS AFTER MAPPING.
5. SANITARY SEWERS SHALL BE CONCRETE SEWER PIPE, NONREINFORCED, RUBBER GASKET BELL AND SPIGOT, A.S.T.M. C-14-1, WITH CLASS "B" BEDDING OR EQUAL OR U-M-RING LITE PVC SEWER PIPE OR EQUAL.
6. SANITARY SEWER SIDE SERVICE ELEVATIONS MUST BE VERIFIED PRIOR TO CONSTRUCTION OF ENWELLINGS.
7. SIDE SERVICE CONNECTIONS TO MANHOLES AND CLEAN-OUTS MUST BE AT MANHOLE OR CLEAN-OUT INVERT ELEVATION OR THROUGH THE USE OF A DROP CONNECTION.
8. SIDE SERVICES SHALL BE LAID AT MINIMUM SLOPE OR A MINIMUM OF 5' OF COVER MEASURED AT THE PROPERTY LINE.
9. FOR ADDITIONAL INFORMATION AND DETAILS, SEE SHEET 4.
10. SANITARY SEWER & WATER SIDE SERVICES SHALL HAVE A MINIMUM 10' SEPARATION.
11. THIS DESIGN CONFORMS TO THE CITY OF FERDALE COMPREHENSIVE PLAN DATED APRIL, 1913.

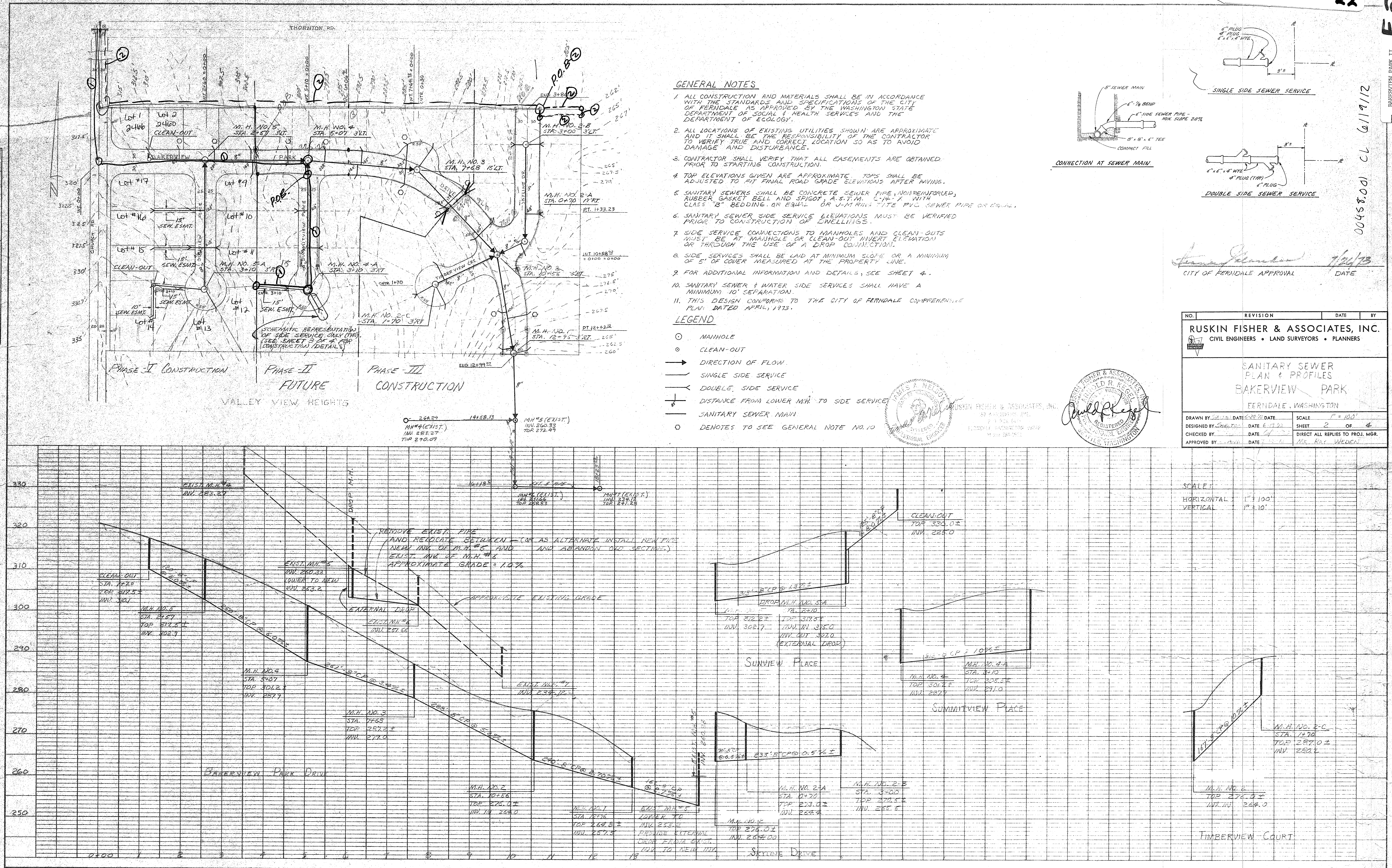
LEGEND

- MANHOLE
- CLEAN-OUT
- DIRECTION OF FLOW
- SINGLE SIDE SERVICE
- DOUBLE, SIDE SERVICE
- DISTANCE FROM LOWER M.H. TO SIDE SERVICE
- SANITARY SEWER MAIN
- DENOTES TO SEE GENERAL NOTE NO. 10



NO.	REVISION	DATE	BY
RUSKIN FISHER & ASSOCIATES, INC.			
CIVIL ENGINEERS • LAND SURVEYORS • PLANNERS			
SANITARY SEWER PLAN & PROFILES			
BAKerview PARK			
FERDALE, WASHINGTON			
DRAWN BY: J. L. FISHER	DATE: 6/19/12	SCALE: 1" = 100'	
DESIGNED BY: J. L. FISHER	DATE: 6/19/12	SHEET: 2 OF 4	
CHECKED BY: J. L. FISHER	DATE: 6/19/12	DIRECT ALL REPLY TO PROJ. MGR.	
APPROVED BY: J. L. FISHER	DATE: 6/19/12	MR. RAL. WEDEN	

SCALE:
HORIZONTAL 1" = 100'
VERTICAL 1" = 10'



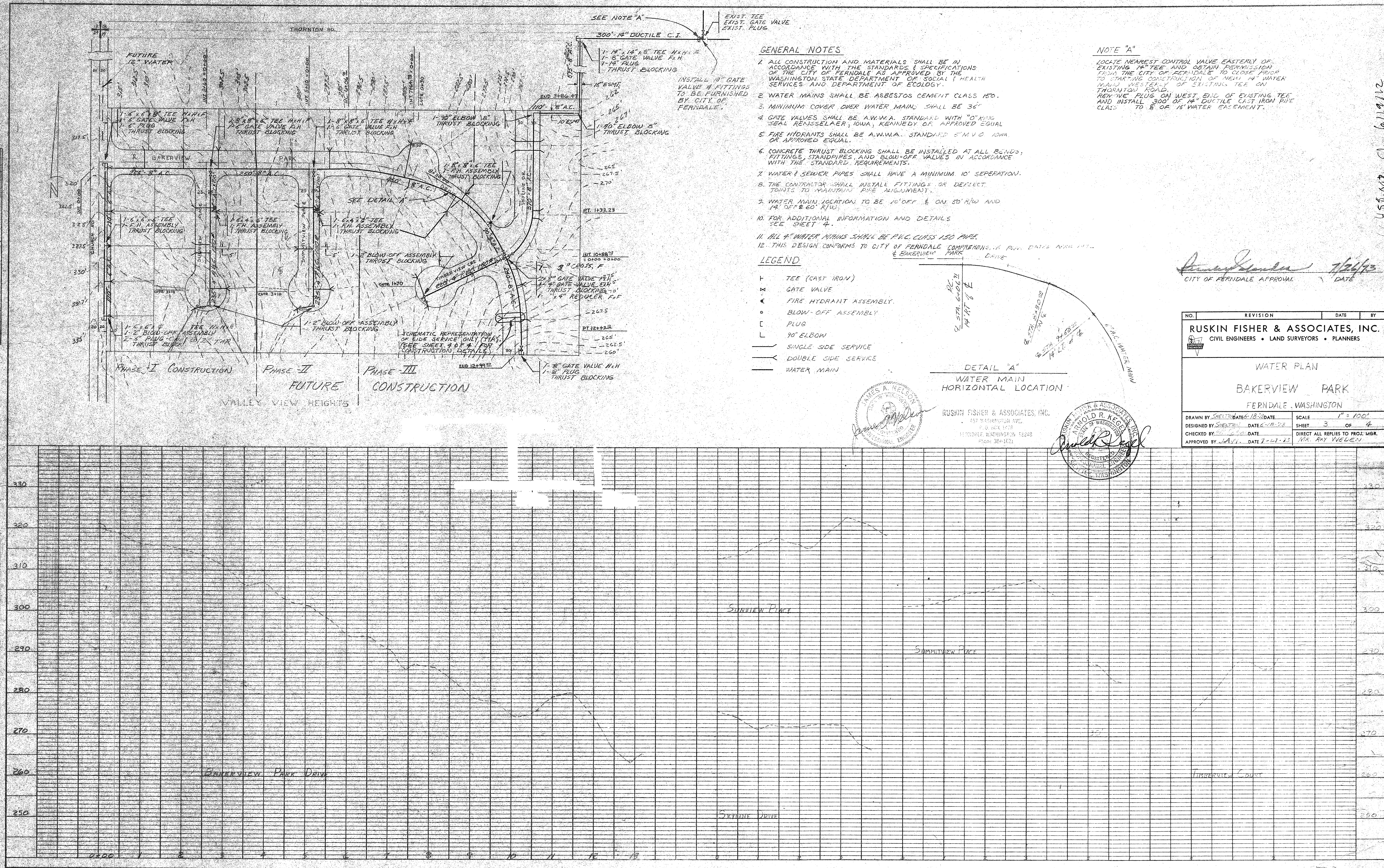
K&E PLATE 1, PLAN-PROFILE

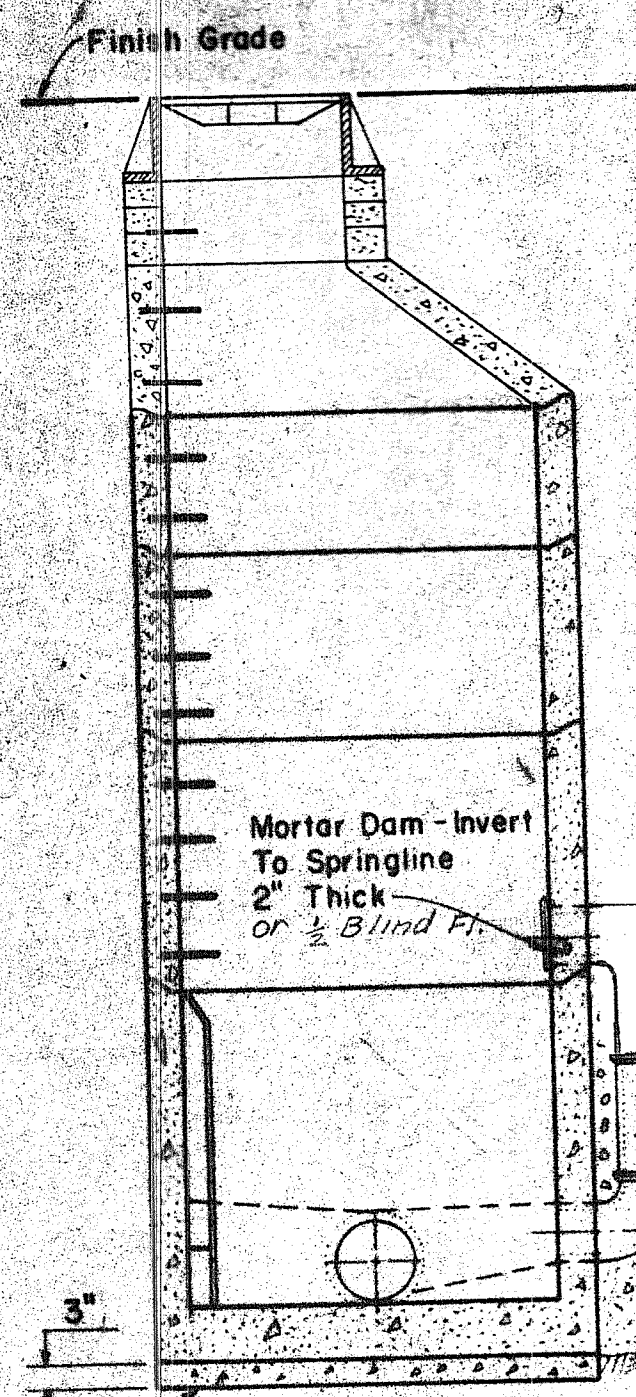
KEUFFEL & ESSER CO.
48 7006 CRYSTALINE 18 TRACING PAPER 2864
MADE IN U.S.A.

732002

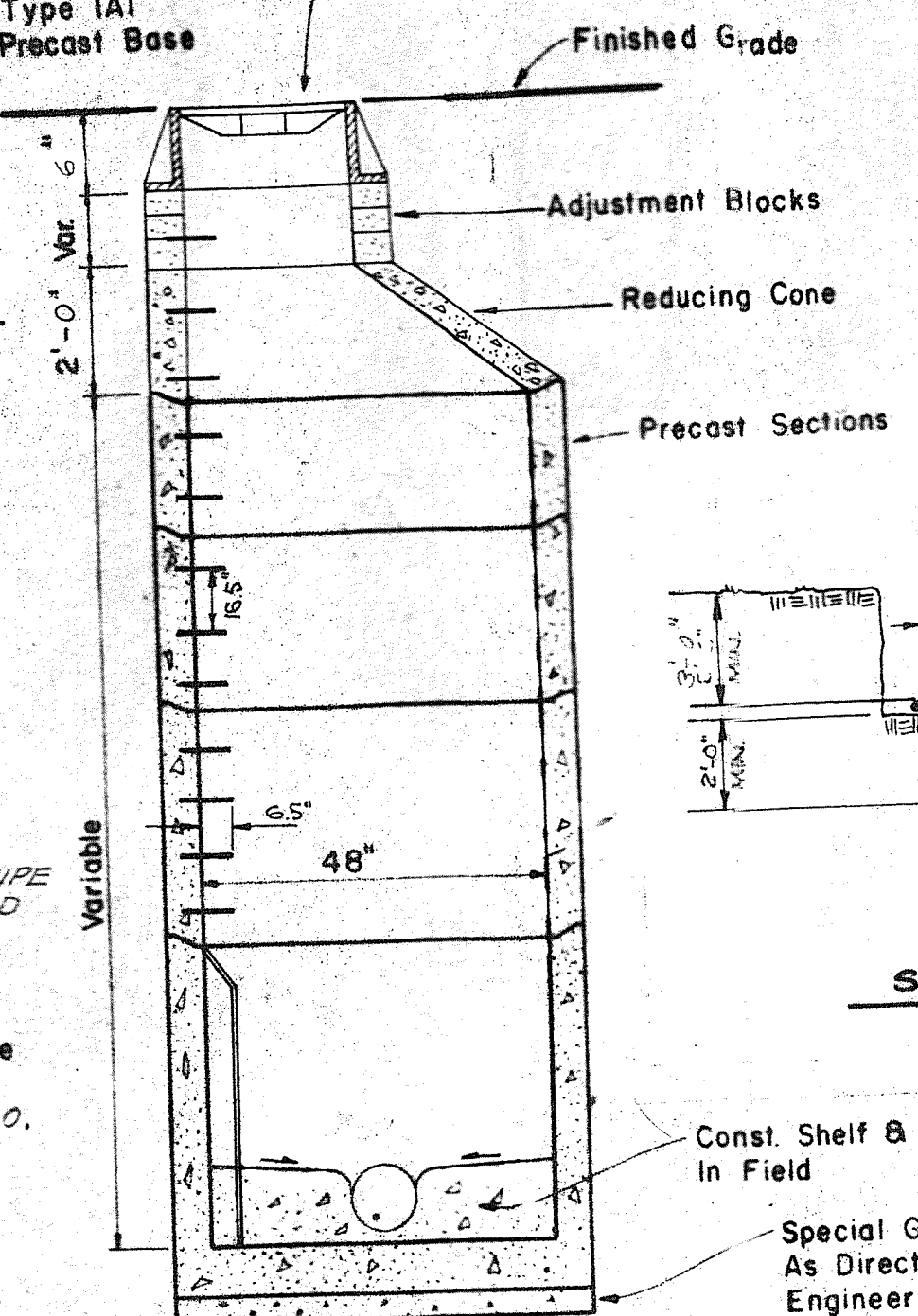
PLAN	DATE	BY
SURVEYED		
NOTED		
PLANNED		
NOTED		
PLANNED		

PROFILE	DATE	BY
SURVEYED		
NOTED		
PLANNED		
NOTED		
PLANNED		

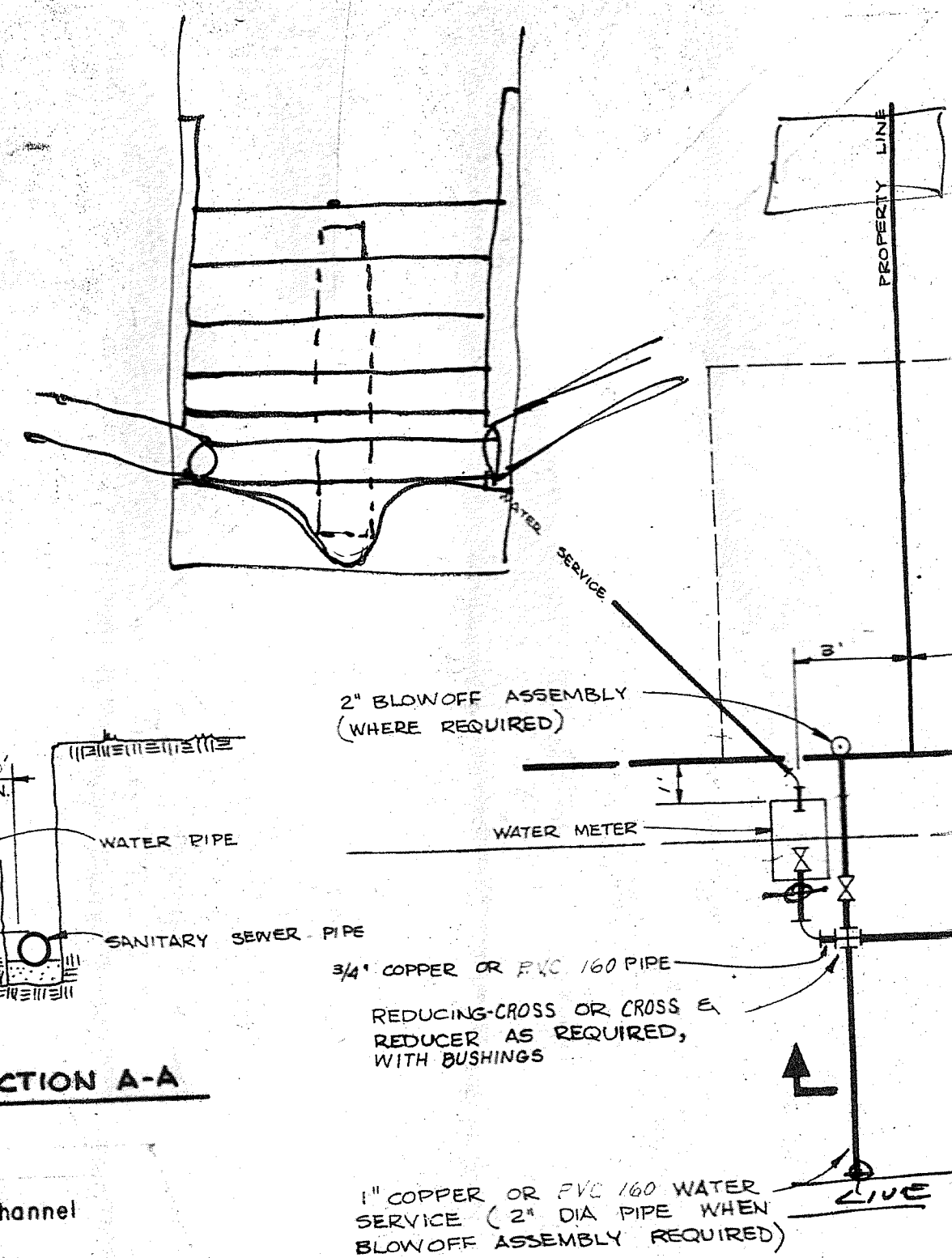




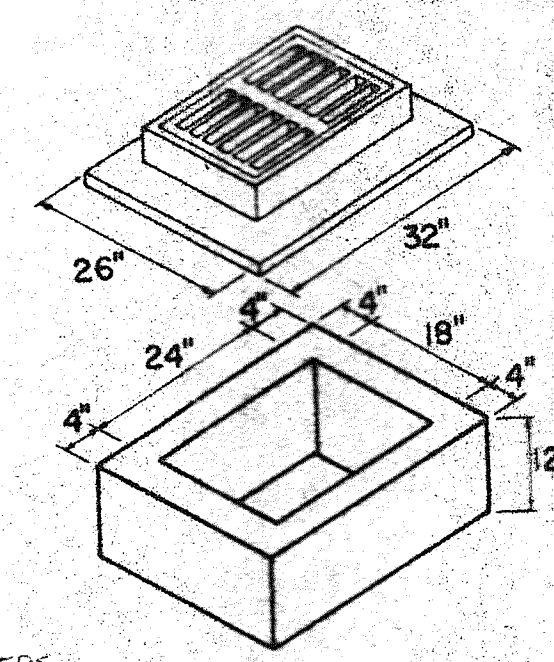
TYPICAL MANHOLE CHANNELING



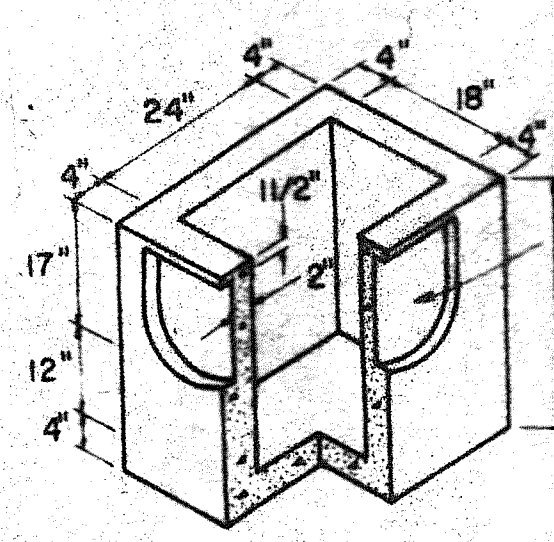
STANDARD MANHOLE



TYPICAL UTILITY INSTALLATION

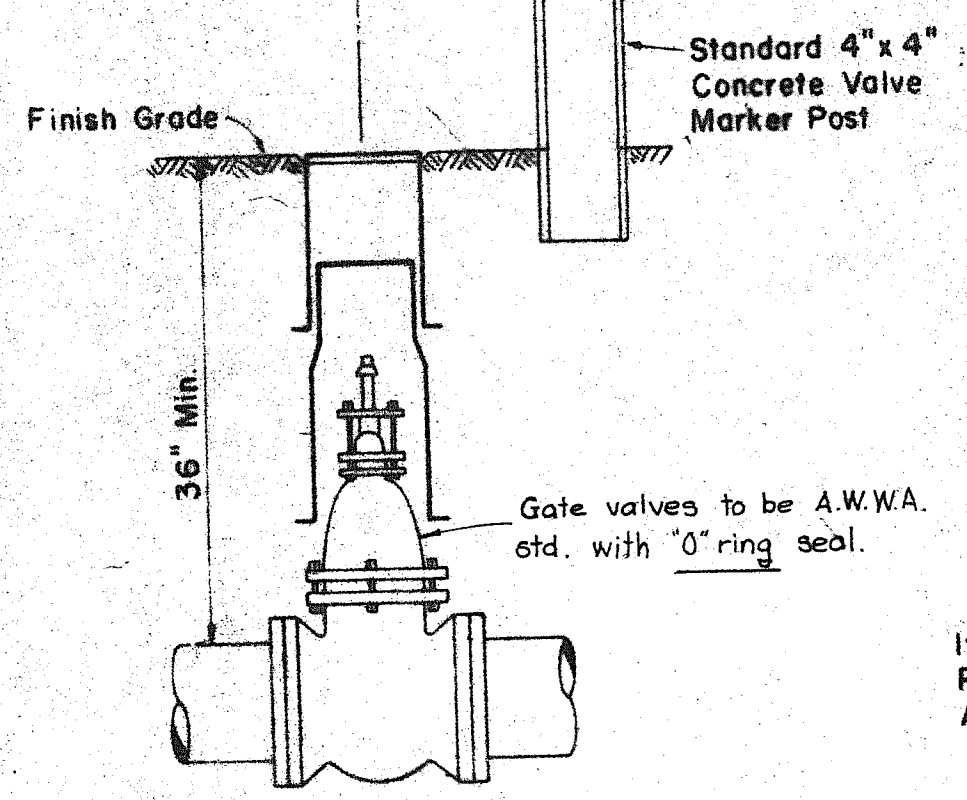


Cast Iron Frame And Cover,
Olympic Foundry No. 5435
Or Approved Equal.

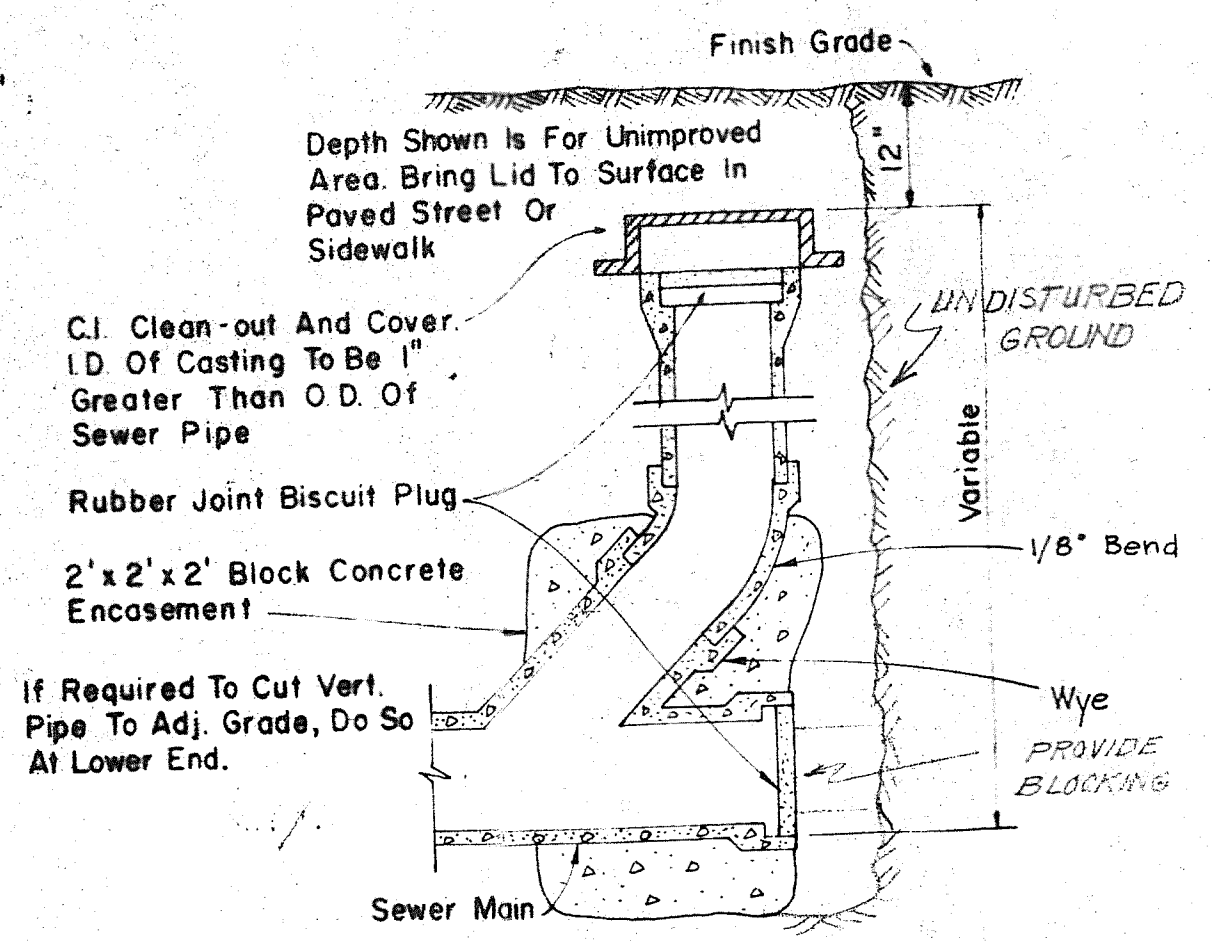


STANDARD CATCH BASIN

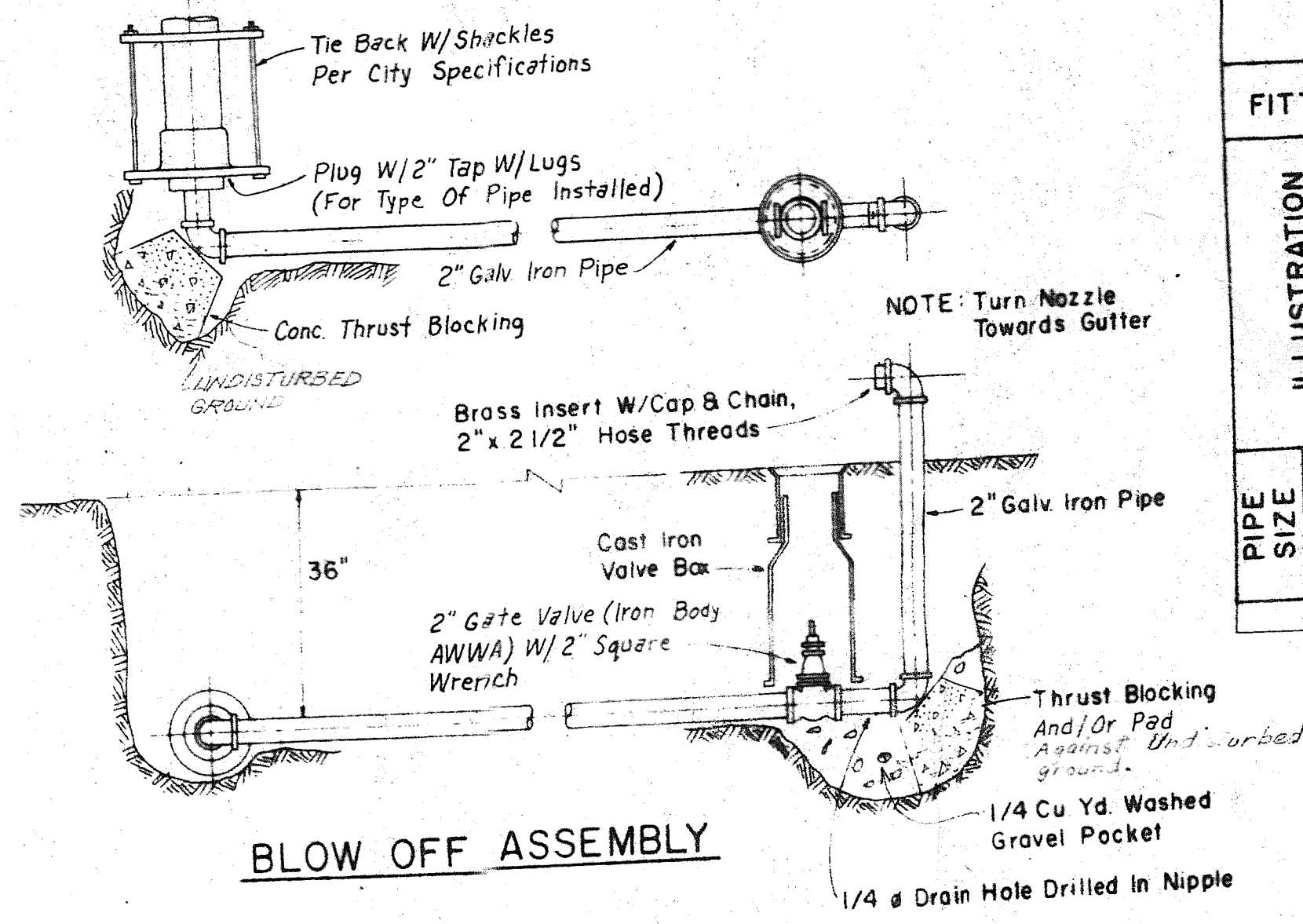
DROP MANHOLE



WATER VALVE ASSEMBLY



SANITARY CLEAN-OUT

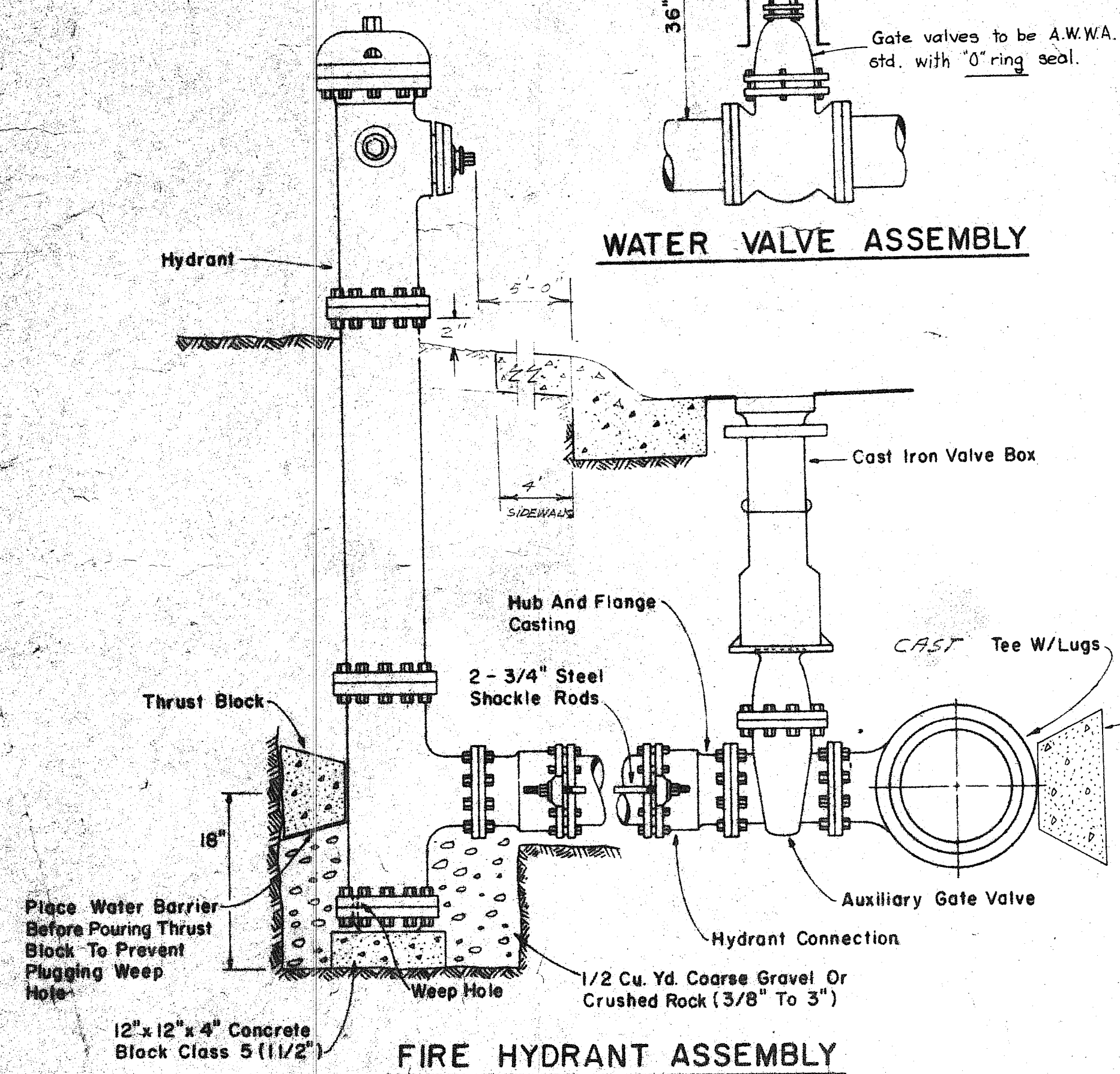


BLOW OFF ASSEMBLY

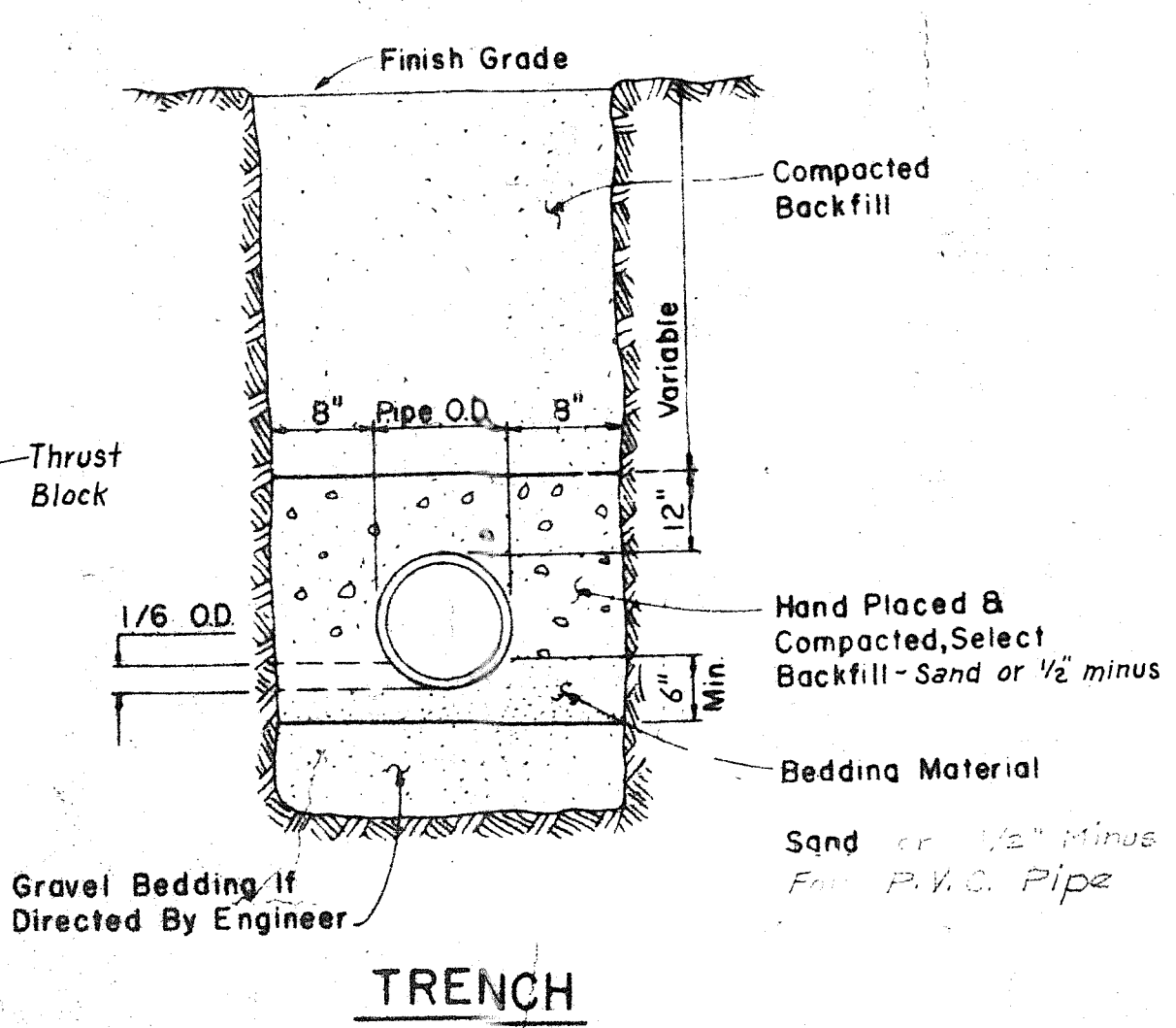
ALL BLOCKING TO BEAR ON UNDISTURBED MATERIAL. AMOUNT OF BLOCKING TO BE DETERMINED IN THE FIELD BY CONTRACTOR.

		MINIMUM BEARING IN SQ. FT.				
		90° BEND	45° BEND	11 1/2° OR 22 1/2° BEND	TEE OR DEAD END	TEE W/PLUG
FITTING	ILLUSTRATION					
	PIPE SIZE	4"	2	1	2	2
	6"	4	2	1	3	4
		8"	6	3	1	6

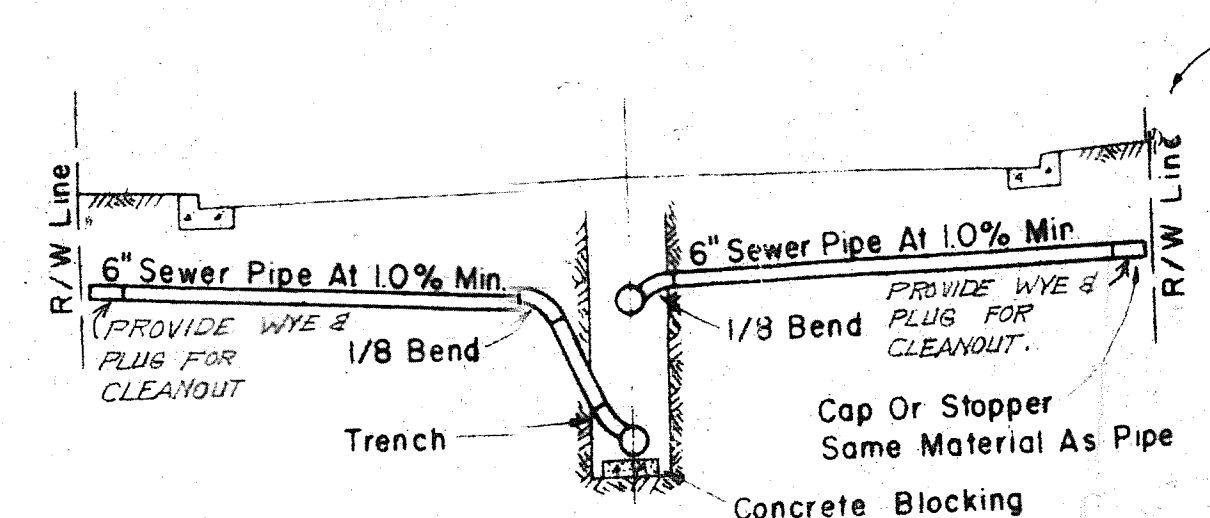
THRUST BLOCKING



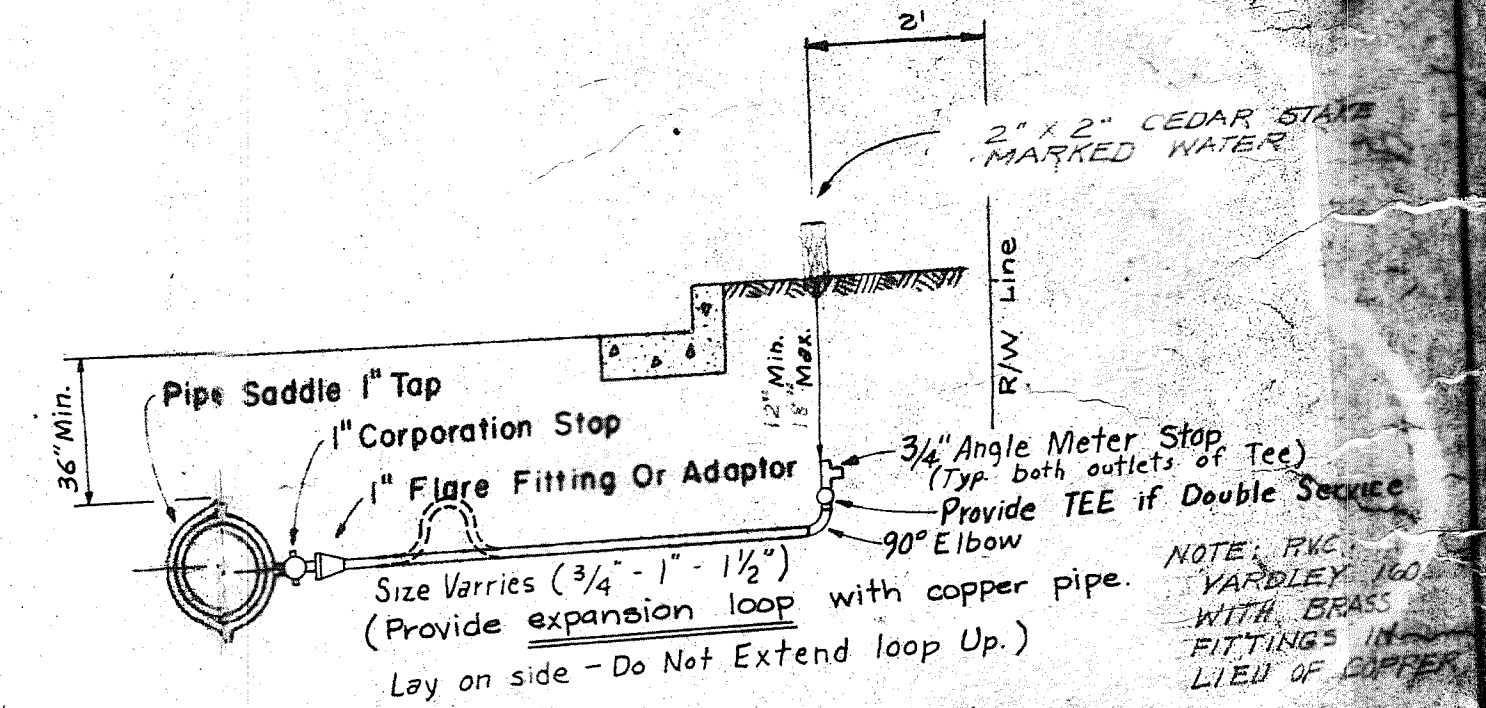
FIRE HYDRANT ASSEMBLY



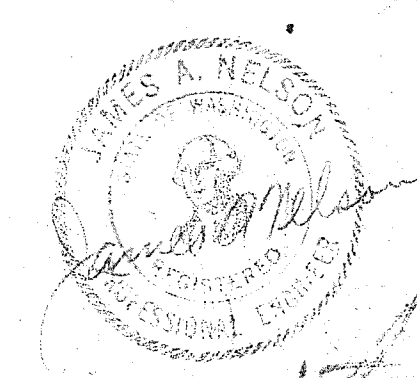
TRENCH



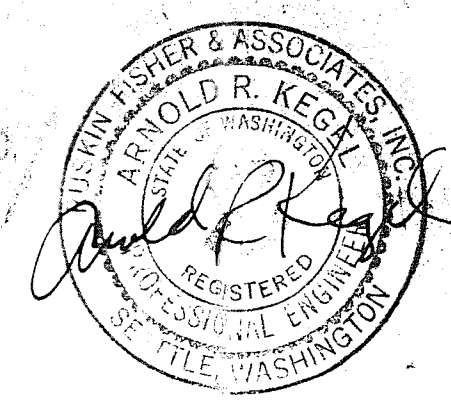
SIDE SEWER SERVICE CONNECTION



WATER SERVICE CONNECTION



RUSKIN FISHER & ASSOCIATES, INC.
451 WASHINGTON AVE.
FERNDALE, WASHINGTON 98004
(206) 394-1234



REVISION

RUSKIN FISHER & ASSOCIATES, INC.
CIVIL ENGINEERS • LAND SURVEYORS • PLANNERS

DETAILS & SPECIFICATIONS

PARKVIEW PARK

FERNDALE, WASHINGTON

SCALE: NOT TO SCALE

DRAWN BY: DATE: 7/26/82

DESIGNED BY: DATE: 7/26/82

CHECKED BY: DATE: 7/26/82

APPROVED BY: DATE: 7/26/82

CITY OF FERNDALE APPROVAL