

ESTIMATE OF QUANTITIES

NO.	DESCRIPTION	AMOUNT
SEWER LINE IMPROVEMENTS		
10	4' DIA. MANHOLE	2 EA.
11	8" SEWER MAIN (PVC)	512 L.F.
12	4" SEWER LATERAL	32 EA.

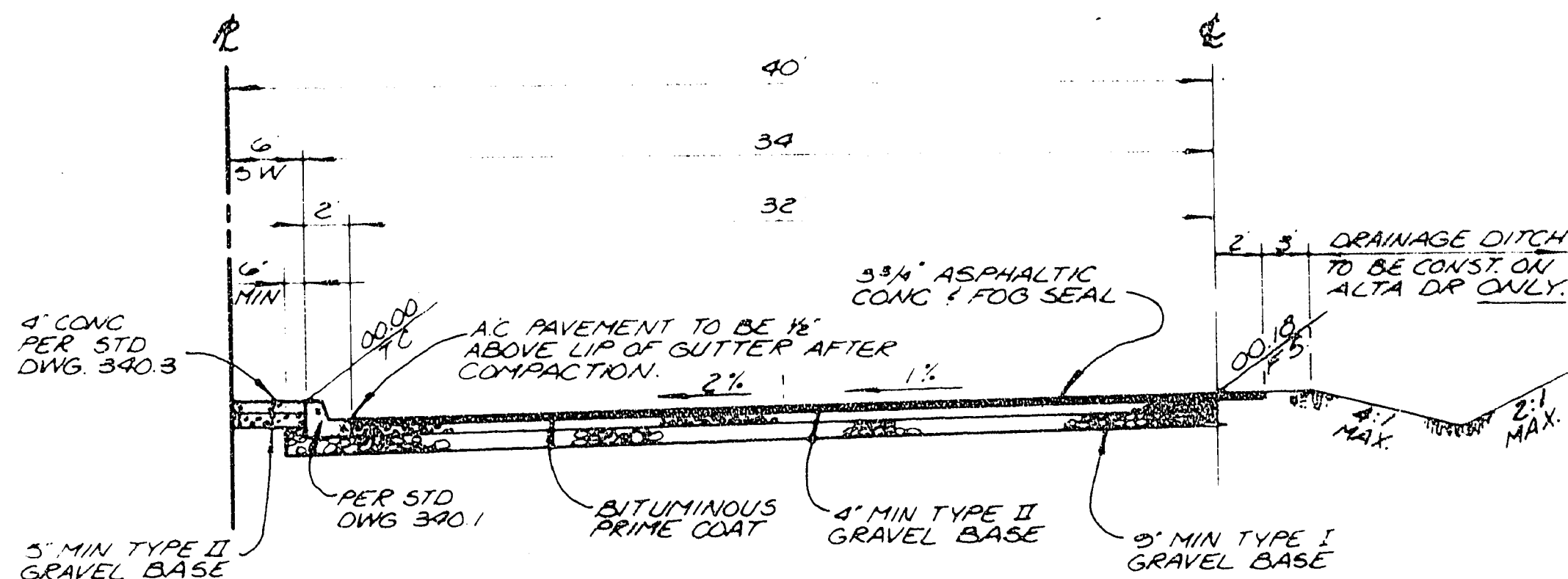
STREET IMPROVEMENTS		
20	100 WATT H.P.S. LUM. WITH STANDARD	2 EA.
21	250 WATT H.P.S. LUM. WITH STANDARD	5 EA.
22	1 1/4" STREET LIGHT CONDUIT	1,510 L.F.
23	STOP SIGN	3 EA.
24	2" A.C. PAVEMENT WITH BASE	3,090 S.Y.
25	3 3/4" A.C. PAVEMENT WITH BASE	3,630 S.Y.
26	STREET NAME SIGN	3 EA.
27	6" CURB & GUTTER	2,220 L.F.
28	4" CONCRETE SIDEWALK	10,670 S.F.
29	CONCRETE VALLEY GUTTER	1 EA.
30	DRIVEWAYS	32 EA.
31	WHEELCHAIR RAMPS	5 EA.
32	BARRICADES	3 EA.
33	UNIT REFLECTORS	1 EA.

WATER LINE IMPROVEMENTS

SEE SHEET NO 5 & 6

CORRECTIONS TO THESE PLANS WERE MADE BY ENGINEERS AND SURVEYORS, INC. AND ARE HEREBY SUBMITTED BY:

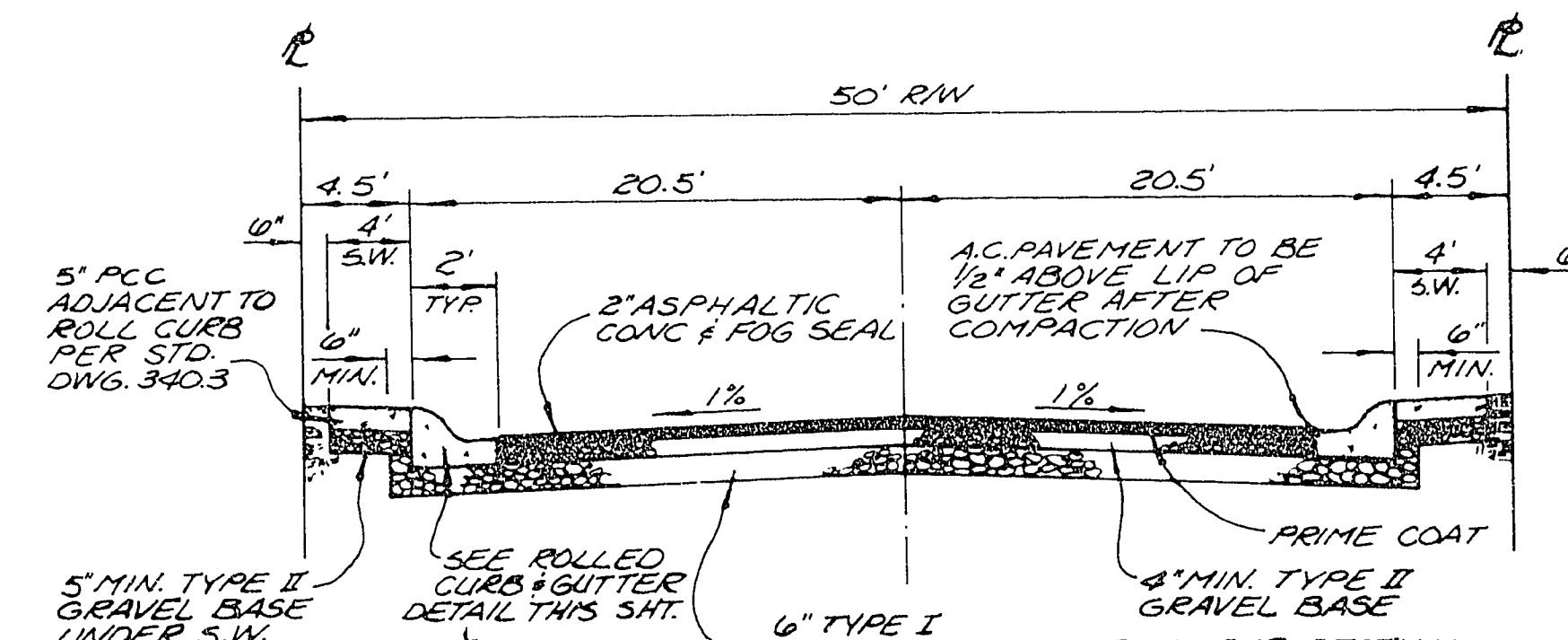
Paul E. Valentine 4/10/85
PAUL E. VALENTINE, P.E.
NEVADA CERTIFICATE NO. 5916



NOTE: APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE

ALTA DRIVE & CIMARRON ROAD SECTION

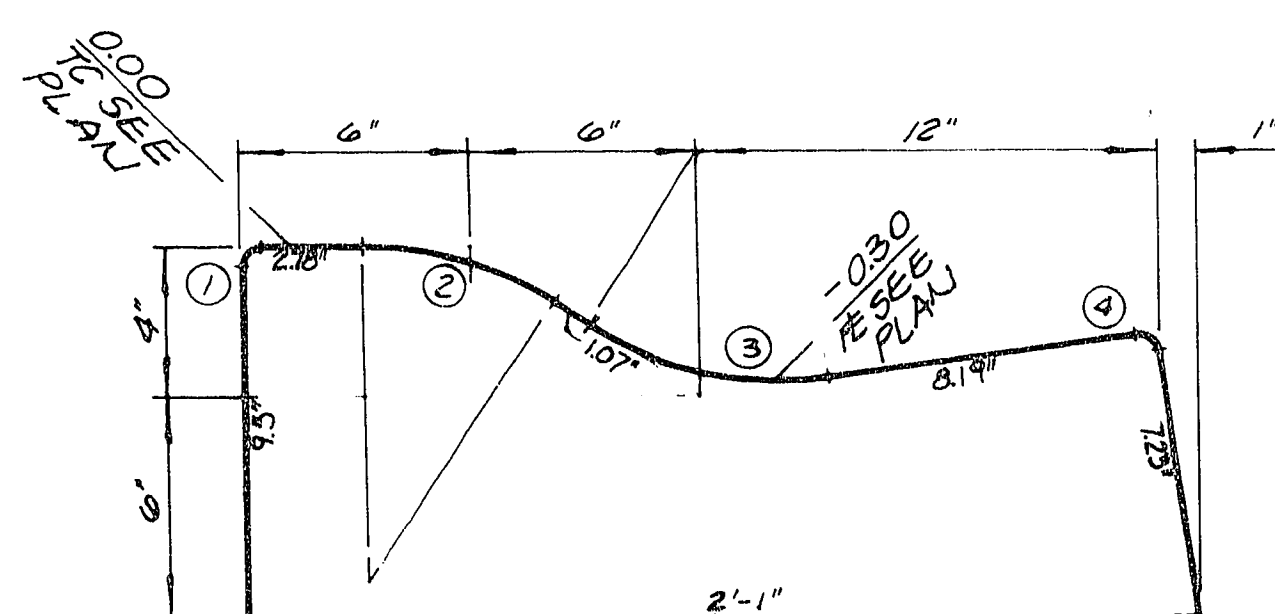
NO SCALE



* NOTE "I" TYPE C&G AT LOCATIONS SHOWN ON PLANS

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TYPICAL 50' R/W STREET



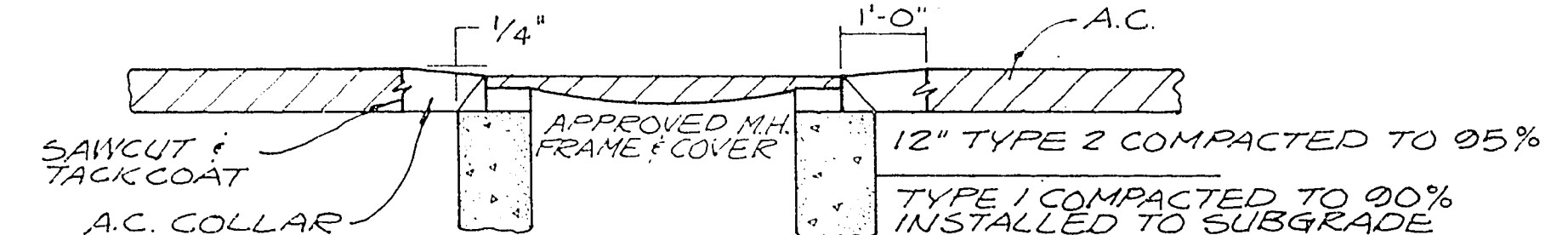
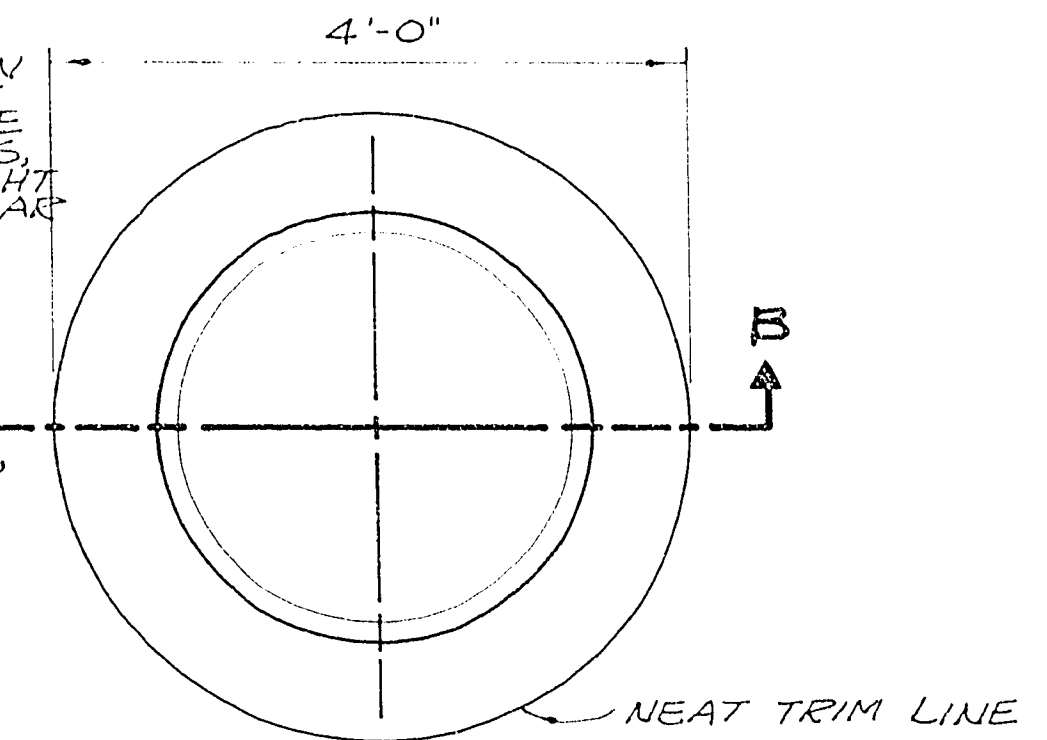
#	Δ	R	L	T
1	30°00'00"	0.50'	0.7854'	0.50'
2	33°41'24"	0.20'	0.2920'	0.2850'
3	47°35'50"	0.00'	0.5341'	0.4185'
4	30°28'33"	0.50'	0.7896'	0.5042'

VOL. = 0.0499 C.Y./L.F.

24" ROLLED CURB & GUTTER DETAIL

NO SCALE

- ALL MANHOLES, WATER VALVES, & CLEANOUTS THAT LIE WITHIN THE LIMITS OF ROADWAY CONSTRUCTION SHALL BE PLACED AT SUBGRADE LEVEL. AFTER PLACEMENT OF THE A.C. PAVEMENT & BASE MATERIALS, THE MANHOLES SHALL BE BROUGHT TO FINISH GRADE & AN A.C. COLLAR SHALL BE CONSTRUCTED FOR EACH MANHOLE. INSPECTORS ARE TO BE NOTIFIED IN ADVANCE TO INSPECT WORK AT THE TIME OF ADJUSTMENT.
- WHERE EXISTING MANHOLES, WATER VALVES AND CLEANOUTS ARE TO BE ADJUSTED TO GRADE, ADJUSTMENT IS TO BE MADE AFTER COMPLETION OF PAVING.
- BACKFILL TO BE PLACED & COMPACTED IN 8" LIFTS (MAX.)



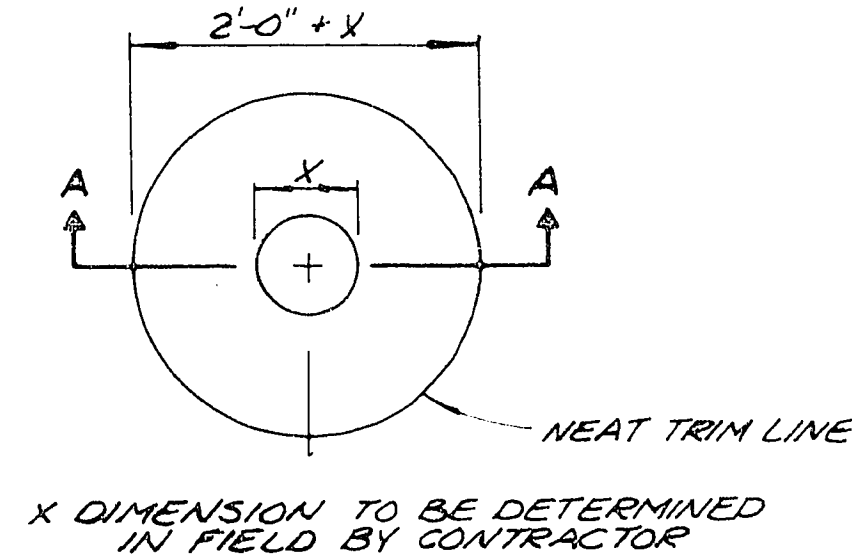
SECTION B-B

ASPHALTIC CONCRETE MANHOLE COLLAR

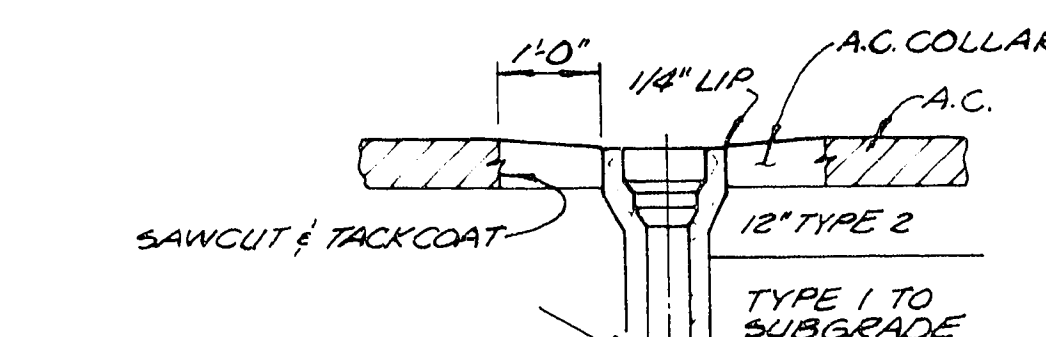
NO SCALE (RESIDENTIAL STREETS ONLY SEE NOTE #4)

CONSTRUCTION NOTES

- HOUSE SERVICES SHALL COMPLY WITH WESTERN PLUMBING CODE AS THE SEPARATION DISTANCE.
- ALL HOUSES TO BE SERVED INDIVIDUALLY AS PER SECTION 313 OF THE UNIFORM BUILDING CODE.
- CONTRACTOR SHALL FURNISH THE CITY ENGINEER WITH AS-BUILT DRAWING SHOWING THE EXACT LOCATIONS OF ALL HOUSE CONNECTIONS UPON COMPLETION OF CONSTRUCTION.
- ASPHALT COLLARS (CONCRETE ON MAJOR STREETS 80' & 100') TO BE CONSTRUCTED AROUND ALL MANHOLES & WATER VALVES PER DETAIL SHOWN HEREON.
- CHISEL S OR G WHEREVER SEWER OR GAS LINES PASS UNDER CURB.
- FIRE HYDRANTS MUST BE IN AND OPERATIONAL PRIOR TO COMBUSTIONABLE CONSTRUCTION.
- WEEKEND PLANE JOINTS SHALL BE PLACED IN CENTER OF ALL DRIVEWAYS THAT EXCEED 20' IN WIDTH.



X DIMENSION TO BE DETERMINED IN FIELD BY CONTRACTOR

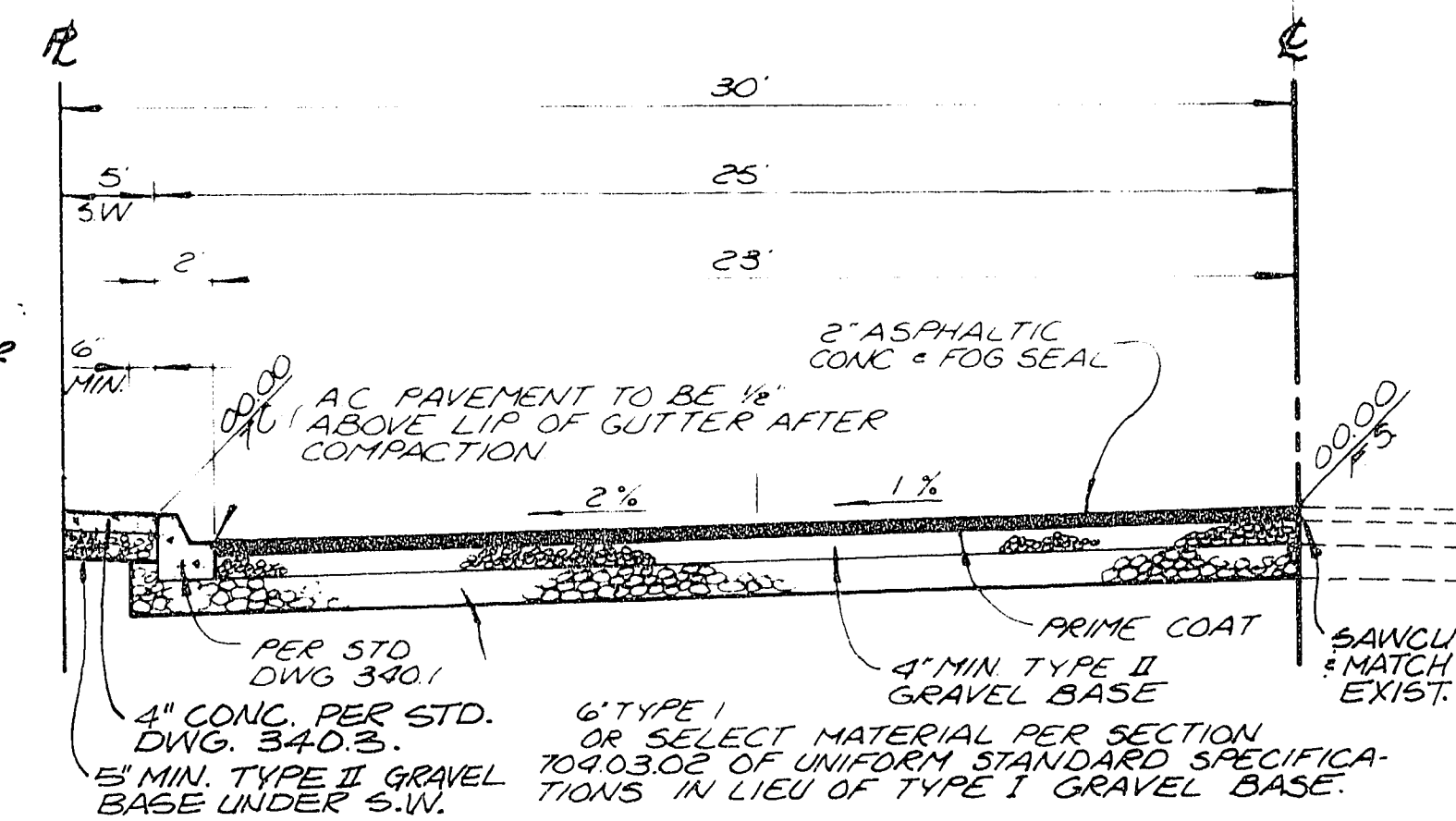


NOTE: WATER VALVE BOXES TO BE ADJUSTED BY CONTRACTOR MAKING STREET IMPROVEMENTS

SECTION A-A

ASPHALTIC CONCRETE WATER VALVE COLLAR

NO SCALE



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DUCHARME AVENUE SECTION

NO SCALE

BENCH MARK

ELEVATION USED IS 2528.70 TO WHICH IS THE CLARK COUNTY BENCH MARK NO. CIONE 04 ELEVATION 2527.60 S.L.M. BESS CAP AT THE CENTER OF CHARLESTON BLVD AND BLADE DIET ROAD (BUFFALO) APPROX. 600 FEET WEST FROM COOSW34 SECTION CORNER EQUALS THE C.L.V. DATUM 1974.

APPROVALS

James H. Smith 5/20/85
C.L.V. QUALITY CONTROL DATE
Paul E. Valentine 6-10-85
C.L.V. CHIEF, LAND DEVELOPMENT & FLOOD CONTROL DATE

Recommended

Rev. Date:

R.P.E. NO.

DATE

R.P.E. NO.

DATE

DESCRIPTION

GARY D. LAKE P.E. ENGINEER

219 WATER STREET, HENDERSON, NEVADA 89103

PLASTER DEVELOPMENT, INC.

CIMARRON HEIGHTS UNIT NO. 4

CONSTRUCTION NOTES & ESTIMATE OF QUANTITIES

SHEET

2

of 6 sheets