

QUANTITIES
(SEE SHEET 2 OF 2)

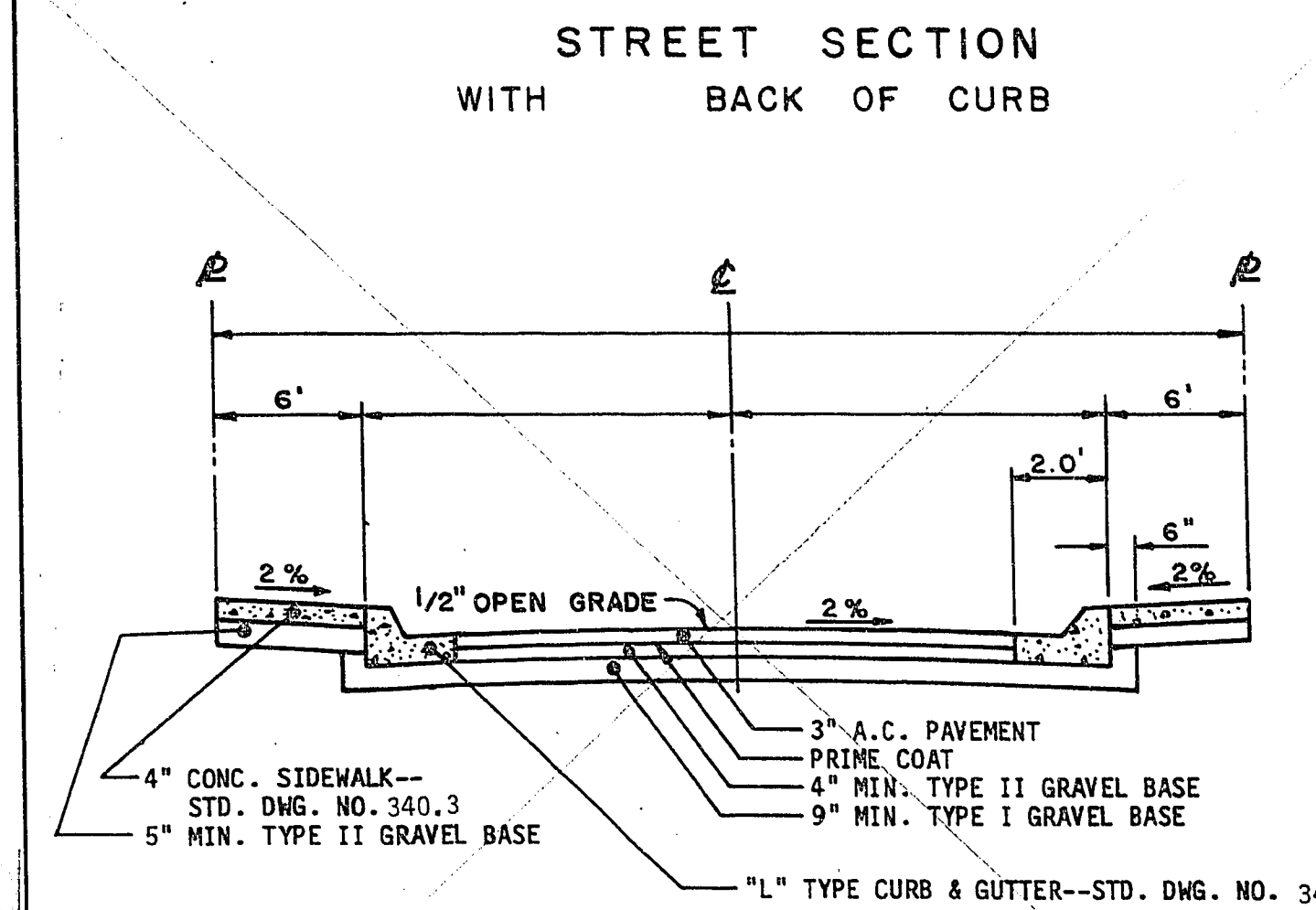
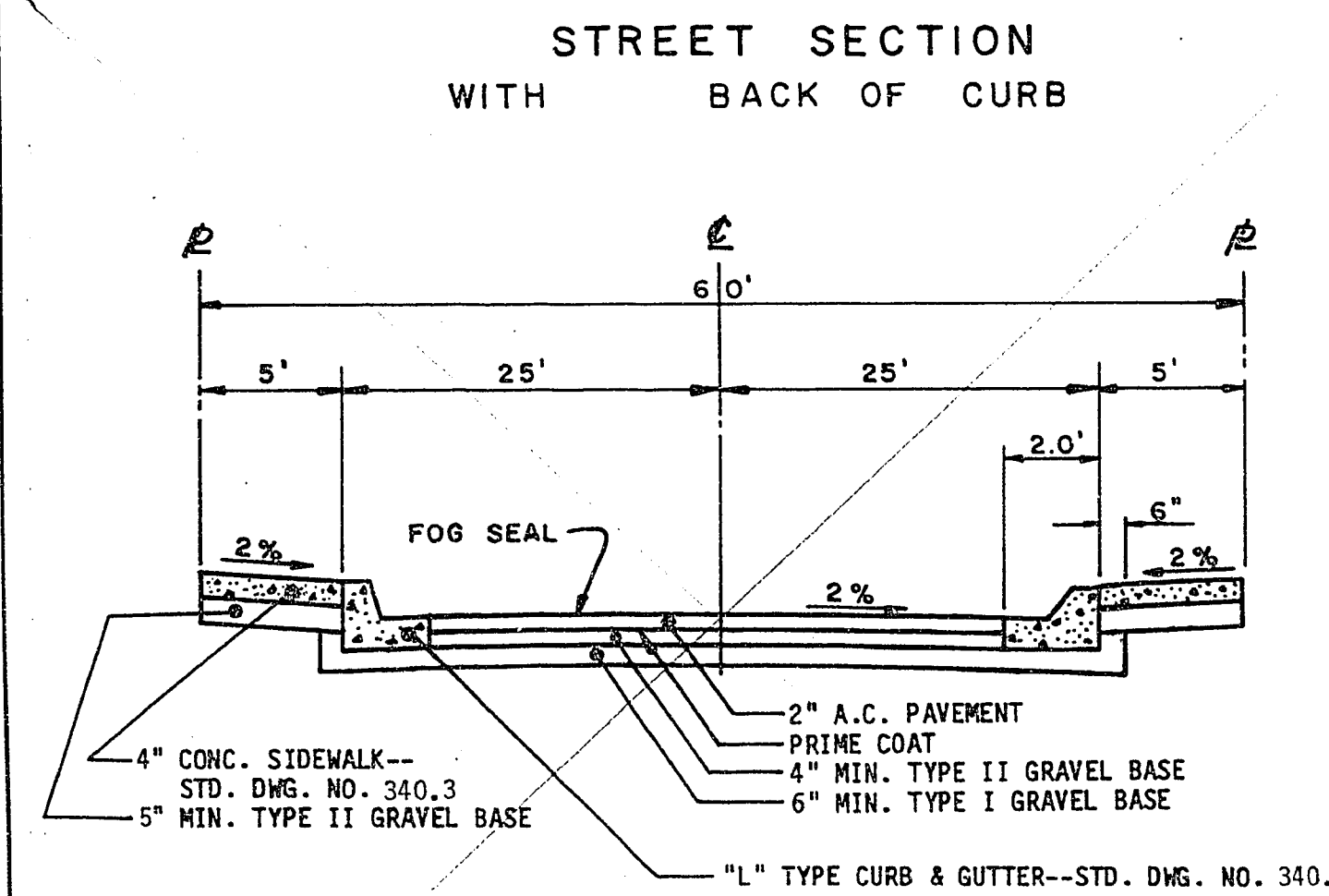
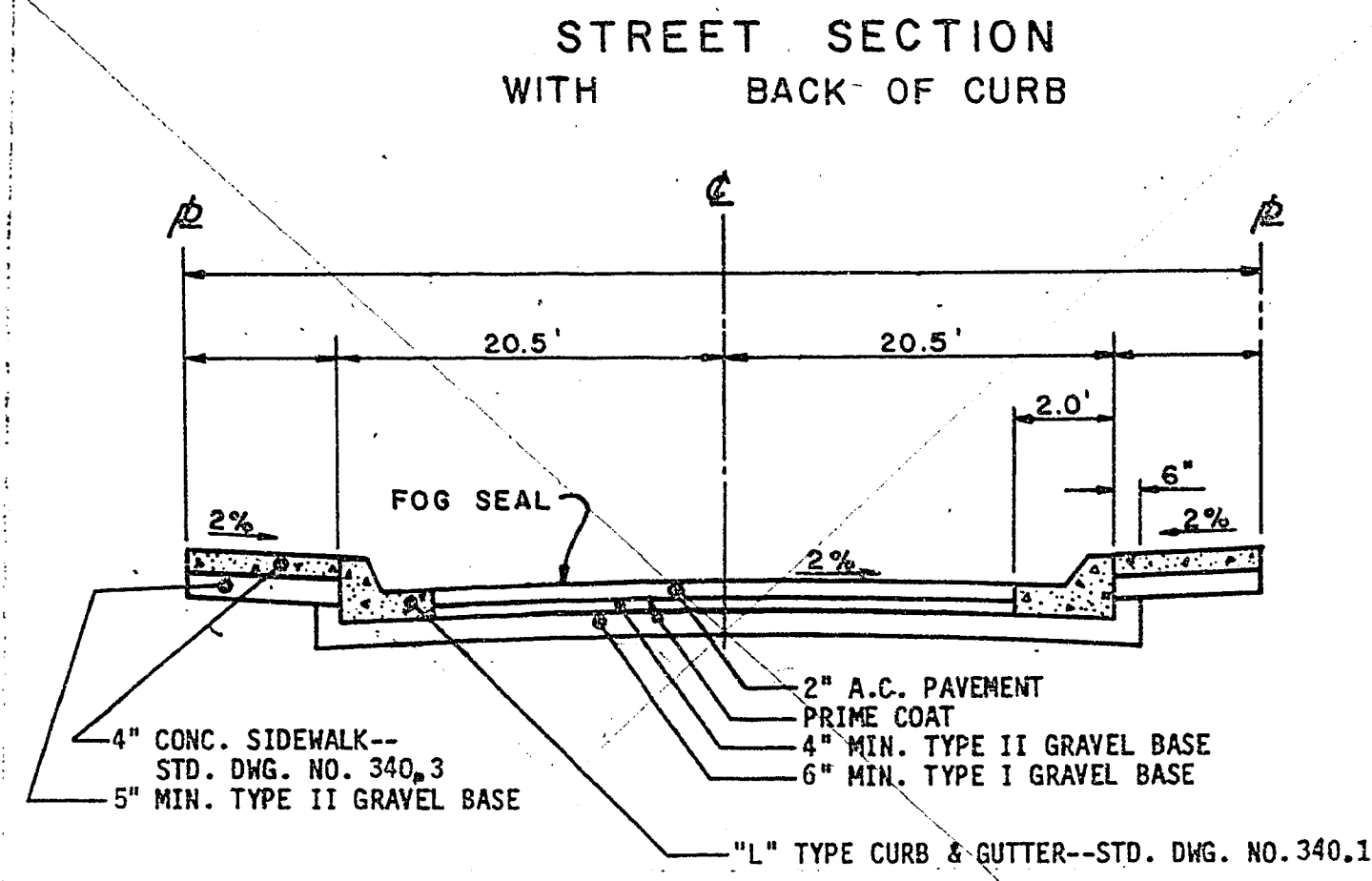
GENERAL NOTES

DEVELOPER

BENCHMARK

MARINITA DEV. CO.
1081 NO. NELLIS BLVD.
LAS VEGAS, NEVADA
TEL: 452-3522

B.M. # CLN02GL
C.L.V. BRASS CAP MON.
N.E. CORNER, SEC. 3
T.21S. R.60E., M.D.M.
CLARK COUNTY,
ELEV. = 2401.07



1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA," ISSUED 1978; "THE IMPROVEMENT STANDARDS, CLARK COUNTY, NEVADA, 1984"; ANY OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL APPLICABLE LOCAL CITY CODES AND ORDINANCES.
2. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE DRAWINGS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE DRAWINGS.
3. ALL GRADES ARE REFERENCED TO THE TOP OF THE CONSTRUCTION GRADE STAKES OR NAILS AND THIS RULE SHALL BE OBSERVED: THREE CONSECUTIVE CONSTRUCTION GRADE STAKES OR NAILS CORRESPONDING TO THREE CONSECUTIVE POINTS SHOWN ON THE APPROVED PLANS AS A STRAIGHT GRADE SHALL BE USED IN COMMON AND ANY VARIATION SHALL BE REPORTED IN WRITING TO ALCA BEFORE WORK PROCEEDS. CONTRACTORS DOING OTHERWISE SHALL PROCEED AT THEIR TOTAL RISK AND RESPONSIBILITY.
4. THE QUANTITY ESTIMATES SHOWN HEREON ARE APPROXIMATE AND NO ONE IS TO RELY UPON THEM FOR PAY QUANTITIES. EACH AND EVERY CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS AND SPECIFICATIONS ON THE JOB SITE AT ALL TIMES AND SHALL RELY UPON THEM TO A HIGHER DEGREE THAN THE CONSTRUCTION STAKES IN PROSECUTING THE WORK.
5. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY ALTERATIONS SHALL HAVE THE PRIOR APPROVAL OF THE CITY ENGINEER.
6. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS FOR PROPER DRAINAGE. THE EXTENT OF TRANSITIONS SHALL BE AS SHOWN OR AS DETERMINED BY THE CITY ENGINEER OR INSPECTOR.
7. IF ANY CURB GRADES ARE SHOWN ON THE PLANS AT LESS THAN 0.40%, IT IS REQUIRED BY THIS OFFICE THAT THE FORMS BE CHECKED BY A SURVEY CREW PRIOR TO CONCRETE PLACEMENT. A 48-HOUR NOTIFICATION OF WORK IS REQUIRED, AND IF THIS OFFICE IS NOT NOTIFIED, IT WILL ASSUME NO RESPONSIBILITY FOR THE FINISHED PRODUCT. EACH JOINT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
8. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK.
9. EXPANSION JOINTS ARE REQUIRED AT A MAXIMUM OF EVERY 300 FEET IN EXTRUDED TYPE CURB.
10. A.C. PAVEMENT IS TO BE 1/2 INCH ABOVE THE LIP OF ALL GUTTERS AND VALLEY GUTTERS AFTER COMPACTION.
11. CHISEL "5" OR "6" WHENEVER SEWER OR GAS LINES PASS UNDER THE CURB.
12. CONSTRUCT WHEELCHAIR RAMPS AS SPECIFIED ON PLANS PER CLARK COUNTY STANDARD DRAWING NO. D22A.
13. APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.

LAS VEGAS VALLEY WATER DISTRICT
(SHEET NO. 2)

DATE
SIGNED 5/12/06

C.L.V. PUBLIC WORKS

DATE

C.L.V. QUALITY CONTROL ENGINEER

DATE

C.L.V. LAND DEV.

DATE

C.L.V. FIRE MARSHALL

DATE

C.L.V. SANITATION SUPERINTENDENT

DATE

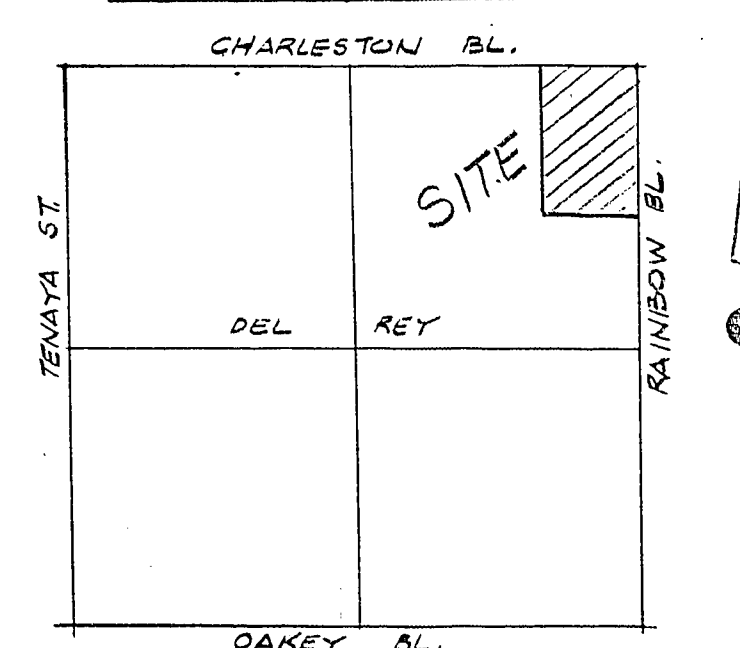
C.L.V. TRAFFIC ENGINEER

DATE

ABBREVIATIONS

AC..... ASPHALTIC CONCRETE	MH..... MANHOLE
ACP..... ASBESTOS CEMENT PIPE	MIN..... MINIMUM
ADJ..... ADJUST	NO..... NUMBER
BC..... BEGINNING OF CURB	OC..... ON CENTER
OR BACK OF CURB	OD..... OUTSIDE DIAMETER
BCR..... BEGINNING OF CURB	P..... POWERLINE
RETURN OR BACK OF	PC..... POINT OF CURVATURE
CURB RADIUS	PCC..... POINT OF COMPOUND
BDRY..... BOUNDARY	CURVE
BEG..... BEGIN	PG..... PAD GRADE
BM..... BENCHMARK	PHP..... PLASTIC HIGH PRESSURE
BSW..... BACK OF SIDEWALK	PI..... POINT OF INTERSECTION
BVC..... BEGINNING OF VERTICAL	PL..... PROPERTY LINE
CURVE	PP..... POWER POLE
C & G..... CURB AND GUTTER	PRC..... POINT OF REVERSE CURVE
CF..... CURB FACE	PROP..... PROPOSED
CIP..... CAST IRON PIPE	PT..... POINT OF TANGENT
CL..... CENTERLINE	PVC..... POLY VINYL CHLORIDE PIPE
CMP..... CORRUGATED METAL PIPE	PVI..... POINT OF VERTICAL
CONC..... CONCRETE	INTERSECTION
CONST..... CONSTRUCT	PVMT..... PAVEMENT
DC..... DEPRESSED CURB	Q..... RATE OF FLOW
DI..... DROP INLET	R..... RADIUS
DIA..... DIAMETER	RCP..... REINFORCED CONCRETE PIPE
DIP..... DUCTILE IRON PIPE	RT..... RIGHT
DMH..... DROP MANHOLE	R/W..... RIGHT-OF-WAY
ECR..... END OF CURB RETURN	S..... SANITARY SEWER
EL..... ELEVATION	SD..... STORM DRAIN
EVC..... END OF VERTICAL CURVE	SHIP..... STEEL HIGH PRESSURE
EX..... EXISTING	SHT..... SHEET
FC..... FACE OF CURB	SP MH..... SPECIAL MANHOLE
FF..... FINISHED FLOOR	STA..... STATION
FG..... FINISH GRADE	STD..... STANDARD
FH..... FIRE HYDRANT	STL..... STEEL
FL..... FLOW LINE	SW..... SIDEWALK
G..... GAS	T..... TANGENT DISTANCE OR
GB..... GRADE BREAK	TELEPHONE
HGT..... HIGH OR HEIGHT	TC..... TOP OF CURB
HOR..... HORIZONTAL	TMH..... TOP OF MANHOLE
HP..... HIGH POINT	TRANS..... TRANSITION
ID..... INSIDE DIAMETER	TSC..... TRAFFIC SIGNAL CONDUIT
INV..... INVERT	TSW..... TOP OF SIDEWALK
LAT..... LATERAL	VC..... VERTICAL CURVE
LF..... LINEAL FEET	VCP..... VITRIFIED CLAY PIPE
LT..... LEFT	VERT..... VERTICAL
MAX..... MAXIMUM	VG..... VALLEY GUTTER
	W..... WATER

VICINITY MAP



APPROVALS

LAS VEGAS VALLEY WATER DISTRICT
(SHEET NO. 2)

DATE
SIGNED 5/12/06

C.L.V. PUBLIC WORKS

DATE

C.L.V. QUALITY CONTROL ENGINEER

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C.L.V. LAND DEV.

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C.L.V. FIRE MARSHALL

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C.L.V. SANITATION SUPERINTENDENT

DATE

C.L.V. TRAFFIC ENGINEER

DATE

INDEX OF SHEETS

1. COVER SHT., ABBR., APPROVALS, BENCHMARK, NOTES, ETC.
2. WATER, SEWER, AND MEDIAN RELOCATION

NO.	DESCRIPTION	BY	DATE
1	SEE SHEET 2 OF 2	JSP	
2	SEE SHT. 2 OF 1	J.P.	

SCALE (H) 1

SCALE (V) 1

DES. DR. J.P.

SECTION 3 T. 21 S. R. 60 E

ALCA
ENGINEERING & SURVEYING, INC.
200 S. WARRIOR BLVD., SUITE 100
LAS VEGAS, NEVADA 89102-2700

JOB TITLE
CHARLESTON BL. & RAINBOW BL.
SHOPPING CENTER
LAS VEGAS, FOR WATER & SEWER
NEVADA
ABBREVIATIONS, APPROVALS, BENCHMARK,
INDEX OF SHEETS, NOTES, QUANTITIES,
SECTIONS & DETAILS, STANDARDS & VICINITY MAP

JOB NO.
7806-3-17

SHEET 1 OF 2

Smith
4/9/06

23-1-121

307-V594