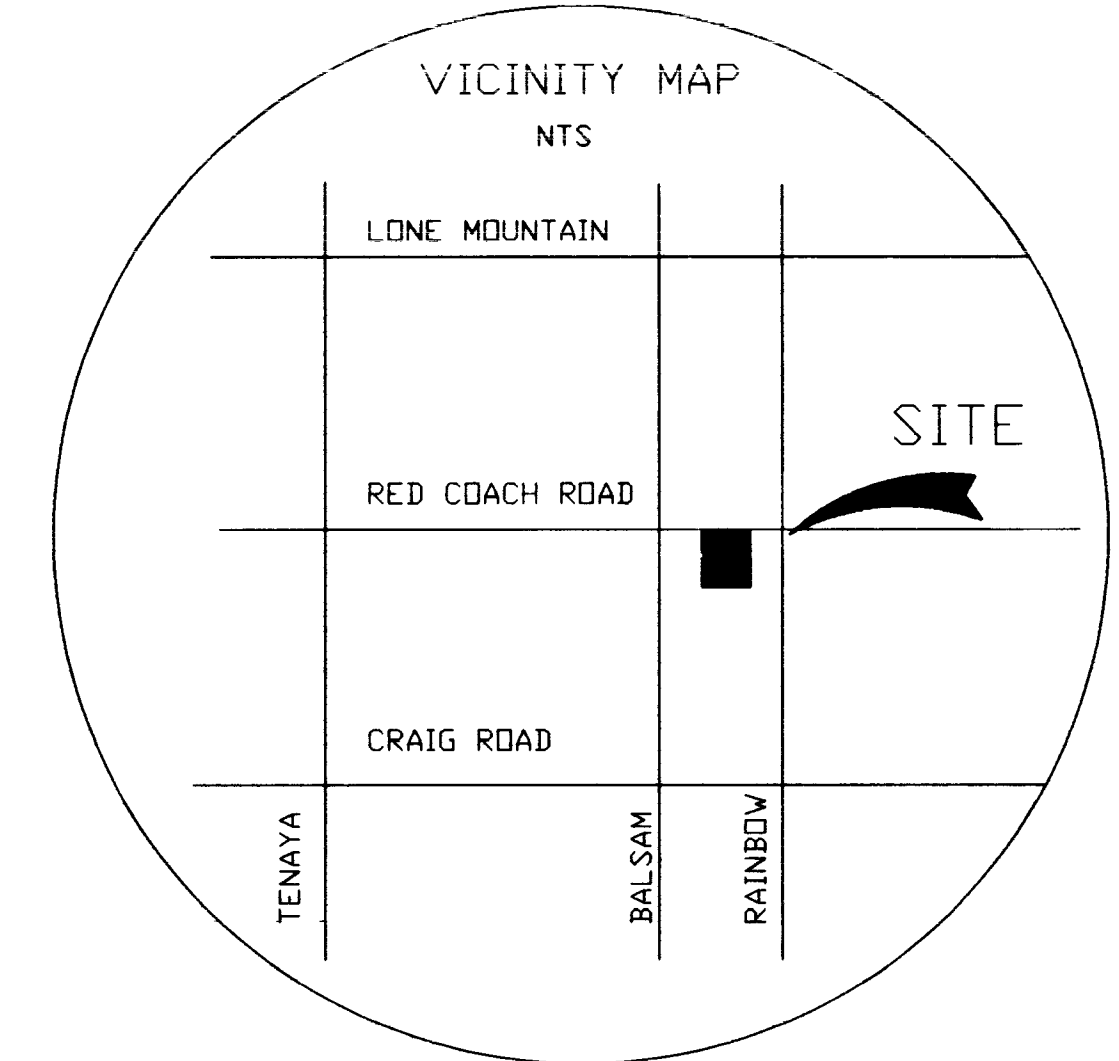


PARKING LOT ADDITION

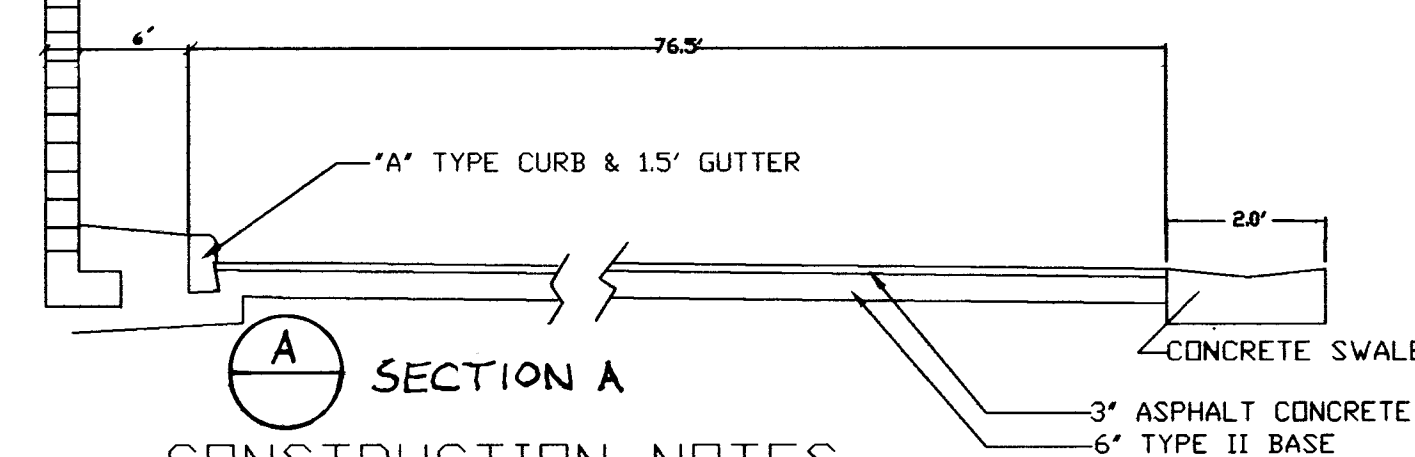
ESTIMATED QUANTITIES



QUANTITIES SHOWN HEREON ARE ENGINEER'S ESTIMATE ONLY. IT IS THE RESPONSIBILITY OF EACH CONTRACTOR TO PREPARE HIS OWN ESTIMATE OF QUANTITIES FOR THE BIDS RELATING TO THIS PROJECT.

ITEM		QUANTITY	
		PRIVATE	PUBLIC
TYPE II BASE	C.Y.	409	59
3" A.C. PAVEMENT	S.Y.	2454	331
"A" TYPE CURB	L.F.	355	
3" VALLEY GUTTER	L.F.	264	
TYPE I BASE	C.Y.		89
CONCRETE SIDEWALK	S.F.		130
COMMERCIAL DRIVEWAY			895
CURB RAMPS	EA		2
EARTHWORK (CUT)	C.Y.		339
EARTHWORK (FILL)	C.Y.	370	
L TYPE CURB & GUTTER	L.F.	259	58
AREA LIGHTS	EA		
100W HPS STREET LIGHTS	EA		1

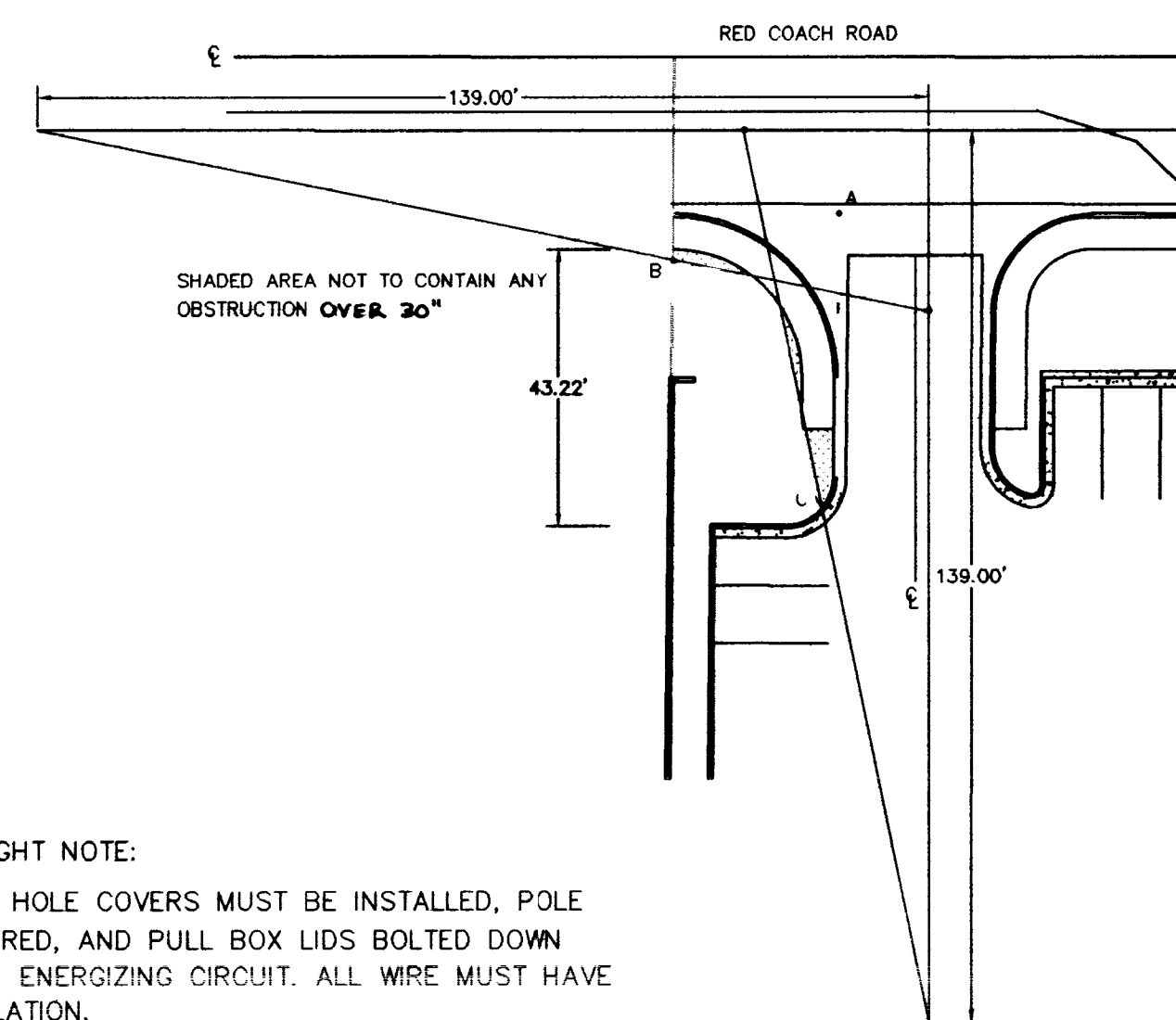
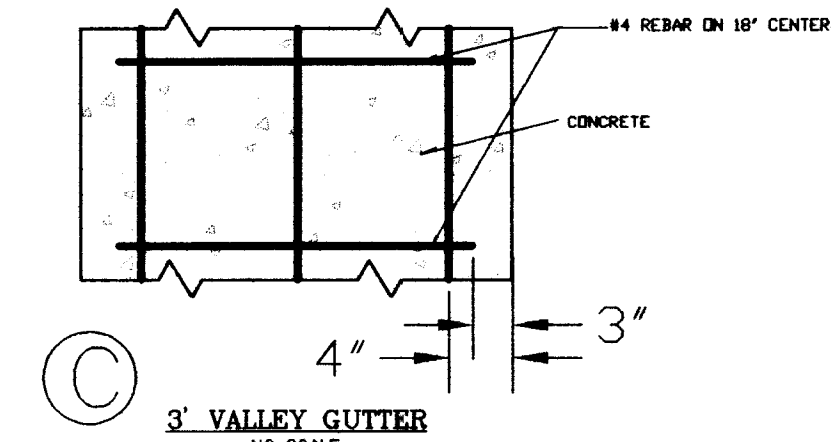
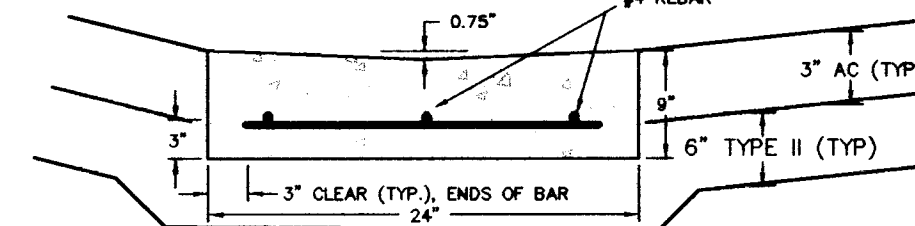
ON-SITE TYPICAL CROSS SECTION



CONSTRUCTION NOTES

- CONSTRUCT "L" TYPE CURB AND GUTTER PER CCA STD DWG 216
- SIDEWALK PER CCA STD DWG 234
- CONSTRUCT VALLEY GUTTER (SEE DETAIL)
- SIDEWALK RAMP PER CCA STD 235 CASE 1
- CONSTRUCT RETAINING BLOCK WALL PER CLV BUILDING DEPT STANDARDS (SEE 8/SD2)
- CONSTRUCT COMMERCIAL DRIVEWAY PER CCA STD DWG 222A
- CONSTRUCT "A" TYPE CURB PER STD DWG 219
- CONSTRUCT NEW LIGHT POLE FOUNDATION PER CCA STD DWG 317

DETAILS



BENCHMARK

B.M. 1LV00 3NEEG RIVET & PLATE IN TOP OF CURB SW CORNER RAINBOW BLVD & RED COACH ROAD. (ELEV 2319.49) NAVD 88 TIED INTO BENCHMARK #C0002D2.
B.M. #C0002D2 RAILROAD SPIKE ON THE WEST SIDE OF POWER POLE NO. 65138. POWER POLE IS 45 FEET EAST OF ASPHALT OF RAINBOW BOULEVARD AND 39 FEET NORTH OF RED COACH ROAD. 1.40' ABOVE ORIGINAL GROUND (PUBLISHED ELEV 2320.59 TRUE ELEV 2321.16). THIS PROJECT WAS DESIGNED USING THE PUBLISHED ELEVATION OF 2320.59.
BASIS OF BEARING: THE CENTERLINE OF RED COACH ROAD WHICH BEARS N89°55'09"W PER PARCEL MAP FILE 18, PAGE 42. ADD 0.57' TO ALL ELEVATIONS ON THIS PROJECT TO MATCH NAVD 88.

SHEET INDEX

- PARTIAL SITE GRADING PLAN, DETAILS, SECTION
- RED COACH AVENUE PROFILE

LEGEND

EXISTING CONTOUR	FG FINISH GRADE
PROPERTY LINE & ROW	FF FINISH FLOOR
CENTERLINE	EX EXISTING
PROPOSED BUILDING	FL FLOW LINE
EXISTING EDGE OF PAVEMENT	(XX XX) EXISTING GRADE
FINISH CONTOUR	
EXISTING 1 1/4" CONDUIT	
PROPOSED 1 1/4" CONDUIT	
PROPOSED STREET LIGHT	

OWNER/DEVELOPER

CORPORATION OF THE PRESIDING BISHOP OF THE CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS
A UTAH CORPORATION SOLE
50 EAST NORTH TEMPLE ROAD
SALT LAKE CITY, UTAH 84150
(801) 240-3968

APPROVALS

[Signature] 1-15-97
CITY OF LAS VEGAS FIRE MARSHAL DATE
[Signature] 1-14-97
NEVADA POWER DATE
[Signature] 2-21-97
CITY ENGINEER - DENNIS ANDERSON, P.E. DATE

APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY LISTED UNDER "DEVIATIONS FROM STANDARDS." THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN "DEVIATIONS FROM STANDARDS" IN THE FAVOR OF THE UNIFORM STANDARDS DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA.

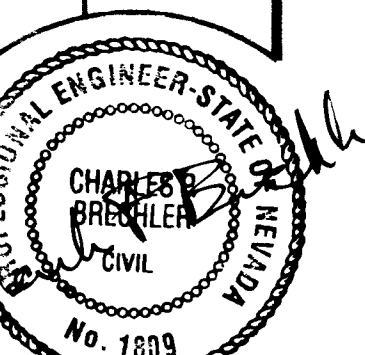
DEVIATIONS FROM STANDARDS

NONE

CALL BEFORE YOU DIG
1 (800) 227-2600

EXISTING UTILITIES ARE LOCATED ON THE PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE ENGINEER BEARS NO RESPONSIBILITY FOR THE LOCATION OF UTILITIES SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES BEFORE STARTING CONSTRUCTION AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION OF ALL UTILITIES WITH THE UTILITY COMPANIES.

BRECHLER & BELL CONSULTING ENGINEERS, INC.
19 WEST BROOKS AVENUE
SUITE C
NORTH LAS VEGAS, NEVADA 89030
702/642-5363

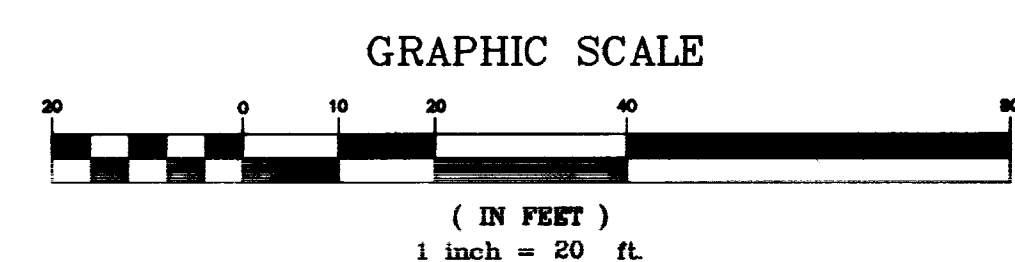
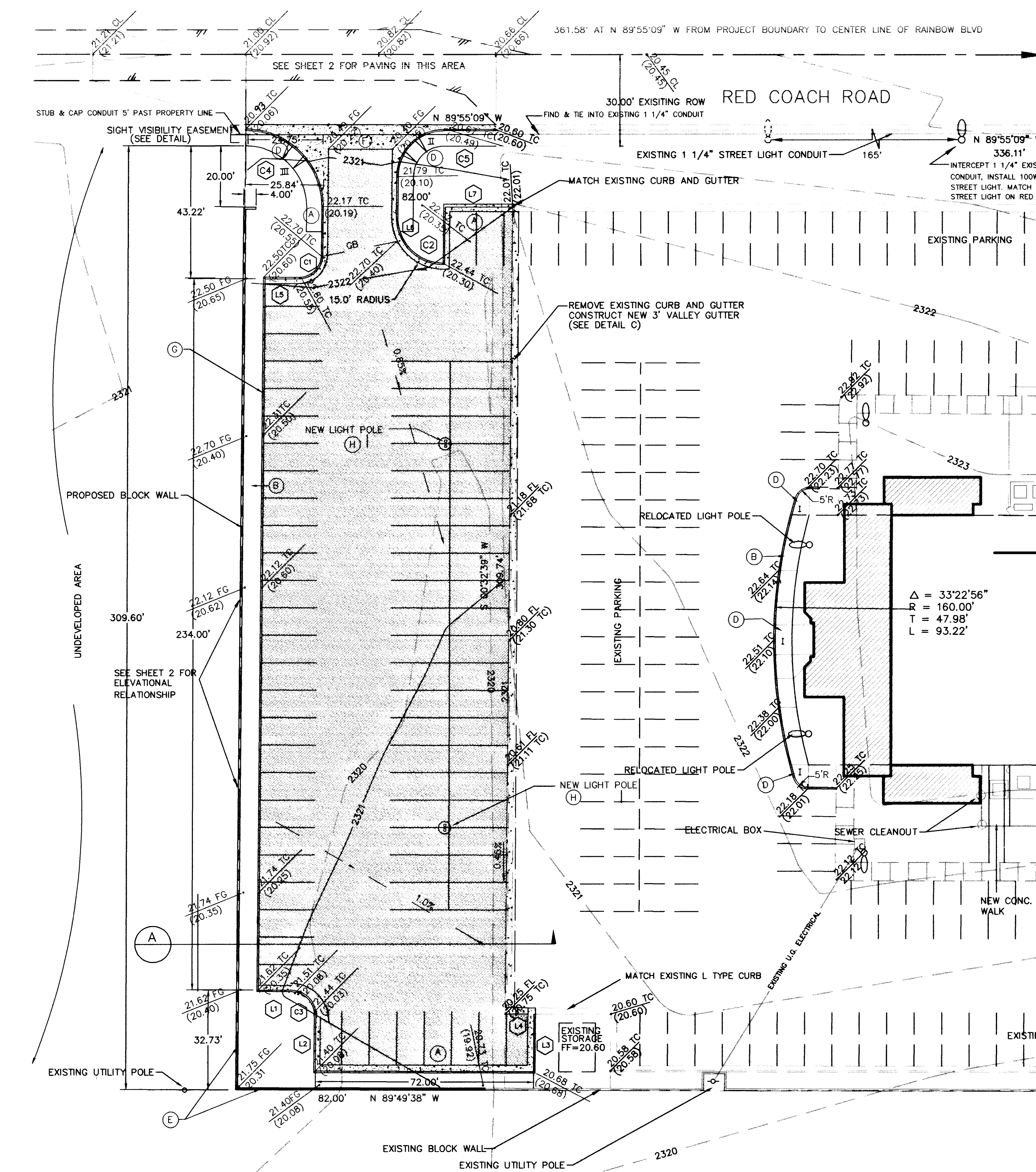


1-3-97

JOB TITLE: LONE MOUNTAIN WARDS
SHEET TITLE: PARTIAL SITE GRADING PLAN, DETAILS, SECTION

FIELD BOOK	DATE
DESIGN	11/30/95
DRAWN	
CHECKED	
PLOTTED	11/20/96
HORIZ. 1"=20'	
VERT.	
JOB NO.	95796
SHEET NO.	1 OF 2

107-V26633



CURVE DATA @ B.C.				
	Δ	R	T	L
C1	89°37'42"	8.00'	7.95'	12.51'
C2	89°27'20"	15.00'	14.96'	23.42'
C3	90°22'18"	8.00'	8.05'	12.62'
C4	89°32'11"	25.00'	24.80'	39.07'
C5	90°27'42"	15.00'	15.12'	23.68'

BEARING		LENGTH
L1	N89°49'38"W	10.95'
L2	S89°49'38"W	17.72'
L3	S89°49'38"W	19.00'
L4	N89°49'38"W	9.20'
L5	N89°49'38"W	10.95'
L6	S00°04'51"W	19.00'
L7	S89°55'09"W	30.37'

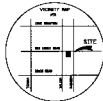
CURB RAMPS		A	B
I		8.0'	8.0'
II		15.0'	4.5'
III		4.5'	9.5'

STREET LIGHT NOTE:

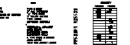
ALL HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, AND PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.

PARKING LOT ADDITION

ESTIMATED QUANTITIES



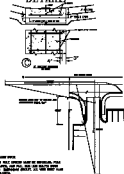
ON-SITE TYPICAL CROSS SECTION



CONSTRUCTION NOTES

1. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
2. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
3. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
4. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
5. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
6. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
7. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
8. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
9. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.
10. EXISTING PAVEMENT SHALL BE REPAIRED TO ORIGINAL CONDITION.

DETAILS



BENCHMARK

THE BENCHMARK IS A CONCRETE PILE DRIVEN INTO THE GROUND TO A DEPTH OF 10 FEET. THE BENCHMARK IS LOCATED AT THE CORNER OF THE LOT AND IS USED TO DETERMINE THE ELEVATION OF THE LOT.

SHEET INDEX

1. GENERAL NOTES AND BENCHMARK

LEGEND

SYMBOL	DESCRIPTION
(Symbol)	EXISTING PAVEMENT
(Symbol)	NEW PAVEMENT
(Symbol)	EXISTING CURB
(Symbol)	NEW CURB
(Symbol)	EXISTING DRAINAGE
(Symbol)	NEW DRAINAGE

OWNER/DEVELOPER

THE MOUNTAIN WARS
PARTIAL SITE GRADING PLAN
DETAILS SECTION

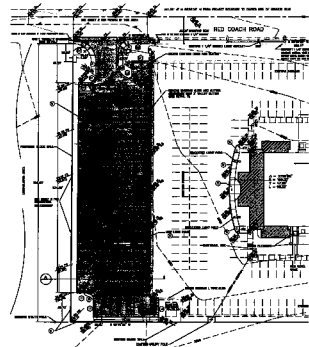
APPROVALS

[Signatures]
DATE: 10/1/00
BY: [Name]
TITLE: [Title]

DEVIATIONS FROM STANDARDS

CALL BEFORE YOU DIG
1 (800) 227-2800

THIS PLAN IS A PARTIAL SITE GRADING PLAN. IT IS NOT A COMPLETE SITE PLAN. IT IS NOT TO BE USED FOR CONSTRUCTION OF ANY OTHER STRUCTURES.



ITEM	QUANTITY	UNIT	PRICE	TOTAL
1. EXISTING PAVEMENT	1000	SQ. YD.	1.00	1000.00
2. NEW PAVEMENT	1000	SQ. YD.	1.00	1000.00
3. EXISTING CURB	100	LINEAL FT.	1.00	100.00
4. NEW CURB	100	LINEAL FT.	1.00	100.00
5. EXISTING DRAINAGE	100	LINEAL FT.	1.00	100.00
6. NEW DRAINAGE	100	LINEAL FT.	1.00	100.00

ITEM	QUANTITY	UNIT	PRICE	TOTAL
7. EXISTING PAVEMENT	1000	SQ. YD.	1.00	1000.00
8. NEW PAVEMENT	1000	SQ. YD.	1.00	1000.00
9. EXISTING CURB	100	LINEAL FT.	1.00	100.00
10. NEW CURB	100	LINEAL FT.	1.00	100.00
11. EXISTING DRAINAGE	100	LINEAL FT.	1.00	100.00
12. NEW DRAINAGE	100	LINEAL FT.	1.00	100.00

ITEM	QUANTITY	UNIT	PRICE	TOTAL
13. EXISTING PAVEMENT	1000	SQ. YD.	1.00	1000.00
14. NEW PAVEMENT	1000	SQ. YD.	1.00	1000.00
15. EXISTING CURB	100	LINEAL FT.	1.00	100.00
16. NEW CURB	100	LINEAL FT.	1.00	100.00
17. EXISTING DRAINAGE	100	LINEAL FT.	1.00	100.00
18. NEW DRAINAGE	100	LINEAL FT.	1.00	100.00

ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE MOUNTAIN WARS. THE MOUNTAIN WARS SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PARKING LOT.