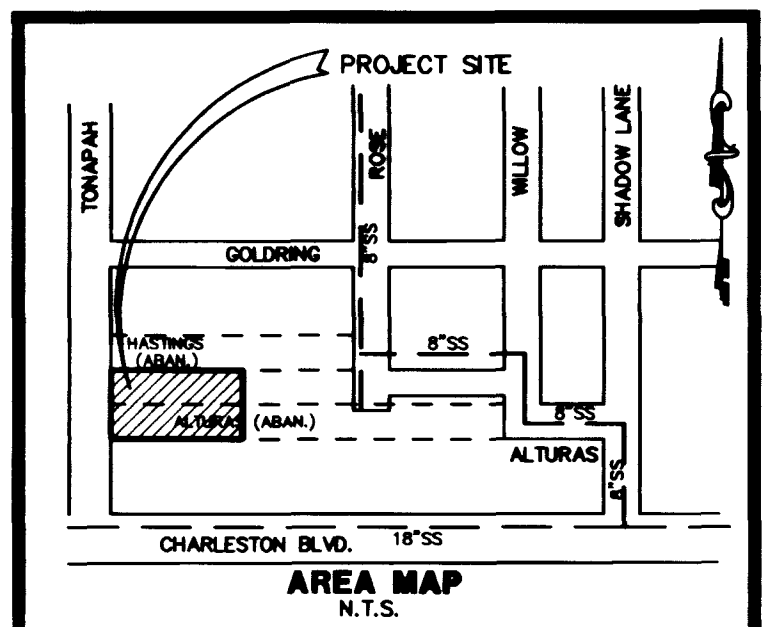
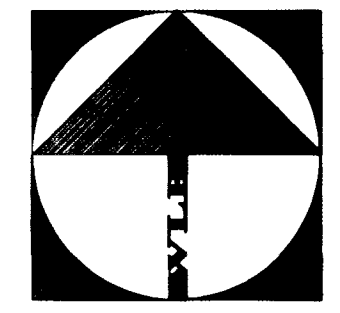
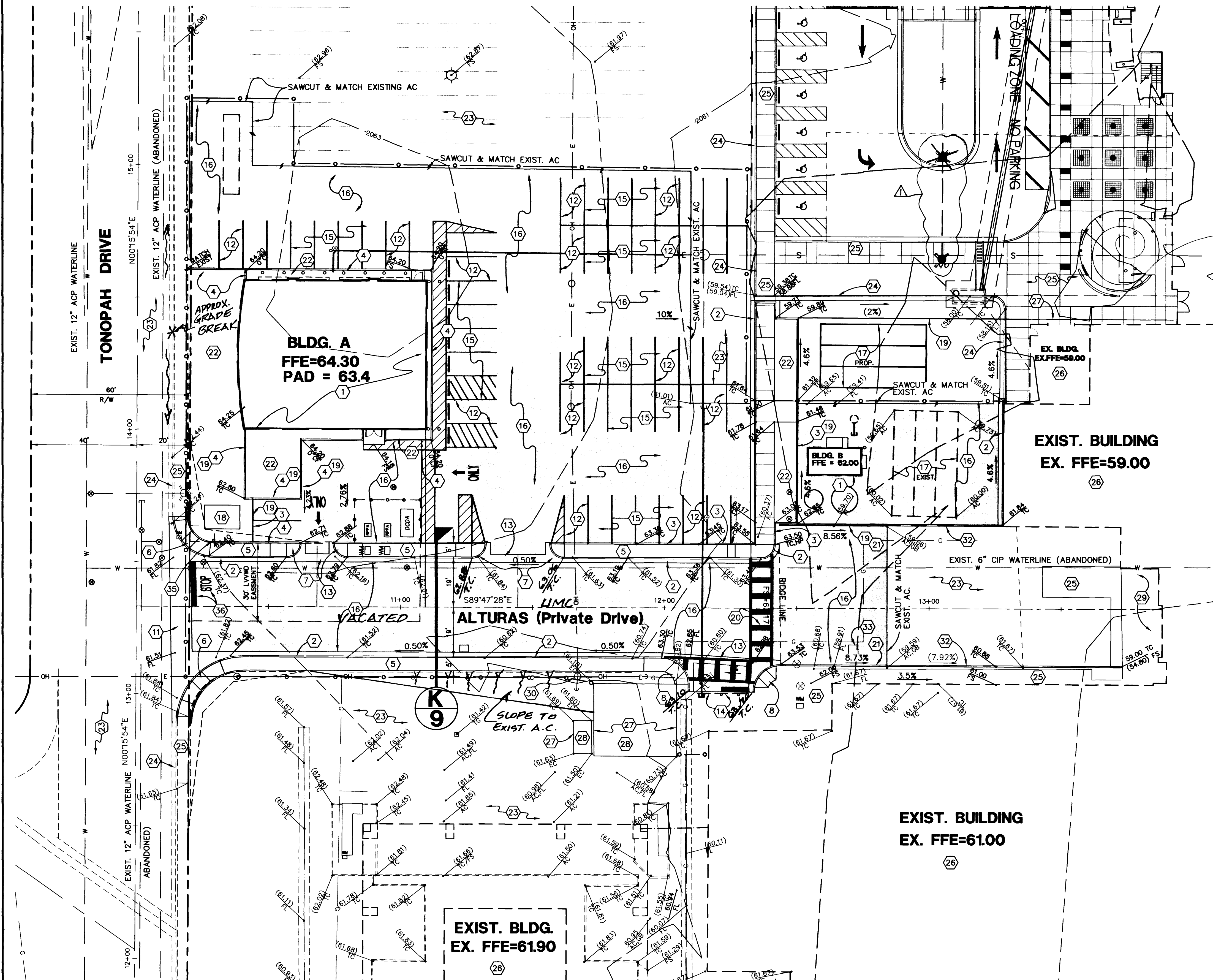




GRADING NOTES

1. CONSTRUCT NEW BUILDING, SEE ARCHITECT PLANS FOR DETAILS.
2. CONSTRUCT "L" TYPE CURB & GUTTER PER STANDARD DRAWING 216.
3. CONSTRUCT "A" CURB PER STANDARD DRAWING 219.
4. CONSTRUCT "A" CURB PER DETAIL, SHEET C9.
5. CONSTRUCT 4" CONCRETE SIDEWALK PER DETAIL, SHEET C9.
6. CONSTRUCT HANDICAP RAMP PER STD. DWG. NO. 235. A=B=8' EXCEPT AS SHOWN.
7. CONSTRUCT HANDICAP RAMP PER DETAIL, SHEET C9.
8. CONSTRUCT HANDICAP RAMP PER DETAIL, SHEET C9.
9. CONSTRUCT UNDER SIDEWALK DRAIN PER DETAIL, SHEET C9.
10. CONSTRUCT LANDING AND STEPS PER ARCHITECTURAL PLANS.
11. CONSTRUCT 38" B-B COMMERCIAL DRIVEWAY AND 8' CROSS GUTTER PER STD. DWG. NO. 225.
12. INSTALL 4" SOLID WHITE PARKING STRIPE PER DETAIL, SHEET C9.
13. INSTALL 3" CONC. VALLEY GUTTER PER DETAIL, SHEET C9.
14. INSTALL END OF ROAD MARKERS.
15. INSTALL 2.5" A.C. OVER 8" A.B. PER SOILS REPORT.
16. INSTALL 3" A.C. OVER 10.5" A.B. PER SOILS REPORT.
17. RELOCATE EXISTING TRAILER.
18. ELECTRICAL TRANSFORMER, SEE NEVADA POWER PLANS.
19. SCREEN WALL, SEE ARCHITECTURAL PLANS.
20. INSTALL CROSS WALK STRIPING PER DETAIL, SHEET C9.
21. CONSTRUCT RETAINING WALL PER DETAIL, SHEET C9.
22. LANDSCAPE AREA, SEE LANDSCAPE PLANS.
23. EXISTING PAVEMENT, PROTECT IN PLACE.
24. EXISTING CURB & GUTTER, PROTECT IN PLACE.
25. EXISTING CONC., PROTECT IN PLACE.
26. EXISTING BUILDING, PROTECT IN PLACE.
27. EXISTING WALL, PROTECT IN PLACE.
28. EXISTING ELECTRICAL TRANSFORMER, PROTECT IN PLACE.
29. EXISTING LOADING DOCK, PROTECT IN PLACE.
30. EXISTING UTILITY POLE, PROTECT IN PLACE.
31. EXISTING FIRE HYDRANT, PROTECT IN PLACE.
32. EXISTING RETAINING WALL, PROTECT IN PLACE.
33. EXIST ELEC. VAULT, ADJUST TO GRADE.
34. TEMPORARY CONSTRUCTION FENCE.
35. INSTALL R1-1 'STOP' SIGN (24"x24").
36. INSTALL 24" WHITE STOP BAR & 'STOP' STRIPING.

QUANTITIES

	PRIVATE	PUBLIC
1. CONSTRUCT NEW BUILDING, SEE ARCHITECT PLANS FOR DETAILS.	2 EA	0 EA
2. CONSTRUCT "L" TYPE CURB & GUTTER PER STANDARD DRAWING 216.	475 LF	0 LF
3. CONSTRUCT "A" CURB PER STANDARD DRAWING 219.	405 LF	0 LF
4. CONSTRUCT "A" CURB PER DETAIL, SHEET C9.	343 LF	0 LF
5. CONSTRUCT 4" CONCRETE SIDEWALK PER DETAIL, SHEET C9.	2094 SF	0 SF
6. CONSTRUCT HANDICAP RAMP PER STD. DWG. NO. 235. A=B=8' EXCEPT AS SHOWN.	0 EA	2 EA
7. CONSTRUCT HANDICAP RAMP PER DETAIL, SHEET C9.	4 EA	0 EA
8. CONSTRUCT HANDICAP RAMP PER DETAIL, SHEET C9.	2 EA	0 EA
9. CONSTRUCT UNDER SIDEWALK DRAIN PER DETAIL, SHEET C9.	8 LF	0 LF
10. CONSTRUCT LANDING AND STEPS PER ARCHITECTURAL PLANS.	1 EA	1 EA
11. CONSTRUCT 38" B-B COMMERCIAL DRIVEWAY AND 8' CROSS GUTTER PER STD. DWG. NO. 225.	0 EA	1 EA
12. INSTALL 4" SOLID WHITE PARKING STRIPE PER DETAIL, SHEET C9.	49 EA	0 EA
13. INSTALL 3" CONC. VALLEY GUTTER PER DETAIL, SHEET C9.	50 LF	0 LF
14. INSTALL END OF ROAD MARKERS.	3 EA	0 EA
15. INSTALL 2.5" A.C. OVER 8" A.B. PER SOILS REPORT.	3600 SF	0 SF
16. INSTALL 3" A.C. OVER 10.5" A.B. PER SOILS REPORT.	38,900 SF	4000 SF
17. RELOCATE EXISTING TRAILER.	3 EA	0 EA
18. ELECTRICAL TRANSFORMER, SEE NEVADA POWER PLANS.	1 EA	0 EA
19. SCREEN WALL, SEE ARCHITECTURAL PLANS.	252 LF	252 LF
20. INSTALL CROSS WALK STRIPING PER DETAIL, SHEET C9.	65 LF	0 LF
21. CONSTRUCT RETAINING WALL PER DETAIL, SHEET C9.	80 LF	0 LF
22. LANDSCAPE AREA, SEE LANDSCAPE PLANS.	N/A	N/A
23. EXISTING PAVEMENT, PROTECT IN PLACE.	N/A	N/A
24. EXISTING CURB & GUTTER, PROTECT IN PLACE.	N/A	N/A
25. EXISTING CONC., PROTECT IN PLACE.	N/A	N/A
26. EXISTING BUILDING, PROTECT IN PLACE.	N/A	N/A
27. EXISTING WALL, PROTECT IN PLACE.	N/A	N/A
28. EXISTING ELECTRICAL TRANSFORMER, PROTECT IN PLACE.	N/A	N/A
29. EXISTING LOADING DOCK, PROTECT IN PLACE.	N/A	N/A
30. EXISTING UTILITY POLE, PROTECT IN PLACE.	N/A	N/A
31. EXISTING FIRE HYDRANT, PROTECT IN PLACE.	N/A	N/A
32. EXISTING RETAINING WALL, PROTECT IN PLACE.	N/A	N/A
33. EXIST ELEC. VAULT, ADJUST TO GRADE.	1 EA	0 EA
34. TEMPORARY CONSTRUCTION FENCE.	815 LF	0 LF
35. INSTALL R1-1 'STOP' SIGN (24"x24").	1 EA	0 EA
36. INSTALL 24" WHITE STOP BAR & 'STOP' STRIPING.	1 EA	0 EA

LEGEND

DESC.	PROPOSED	EXISTING
R/W PROPERTY LINE	10	10
CENTERLINE	10	10
CONTOURS	10	10
CONCRETE CURB	10	10
FINISH FLOOR ELEV.	FFE = 22.10	EXIST. FFE = 22.10
PAD ELEVATION	21.5	21.5
FINISH GRADE ELEVATION	42.81	42.81
PAVEMENT SLOPE	2.00%	2.00%
GRADE BREAK	N/A	N/A
WALL	10	10
LUMINAIRE	10	10
UTILITY LINE (AS NOTED)	10	10
WATER LINE	10	10
SEWER LINE	10	10
SEWER MANHOLE	10	10
FIRE HYDRANT	10	10
VALVE	10	10
WATER METER	10	10
PIV	10	10
FDC	10	10
RPPA	RPPA	RPPA
DCDA	DCDA	DCDA
INSTALL ASPHALT	10	N/A

BASIS OF BEARINGS

NORTH 00°15'54" EAST, BEING THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON A MAP IN FILE 51, PAGE 84 OF SURVEYS, IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

BENCHMARK

C.L.V. VERTICAL CONTROL NO. 9, STATION 2LV01, 33SWS RIVET AND PLATE IN TOP OF CURB, NE RETURN CHARLESTON BOULEVARD AND TONOPAH DRIVE. ELEVATION 2061.91 FEET = 628.4724 METERS (NAVD 88)

I CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE IN THE CITY OF LAS VEGAS FOR THIS PROJECT

TED H. LYON PE NO. 5426 4/8/99 DATE

Call before you Dig. 1-800-227-2600 UNDERGROUND SERVICE ALERT

Call before you Overhead 593-6111 OVERHEAD SERVICE ALERT

ARCH: HOLMES SABATINI ASSOCIATES
1 COMMERCE CENTER DRIVE
HENDERSON, NV 89004
(702) 436-1006

GRADING PLAN

SHEET TITLE:

Drawn by: CL
Designed by: TDA
Checked by: THL
Project No.: 498096A001
Scale: 1" = 20' (H)
1" = 2' (V)

Professional Engineer State of Nevada
TED H. LYON
No. 5426
4/8/99
C7
7 OF 9 SHEETS
DRAWING NO.
107-V3071

The WLB Group
Engineering & Landscape Architecture
2551 N. Green Valley Parkway, Suite 4425
HENDERSON, NV 89014
(702) 436-1006

