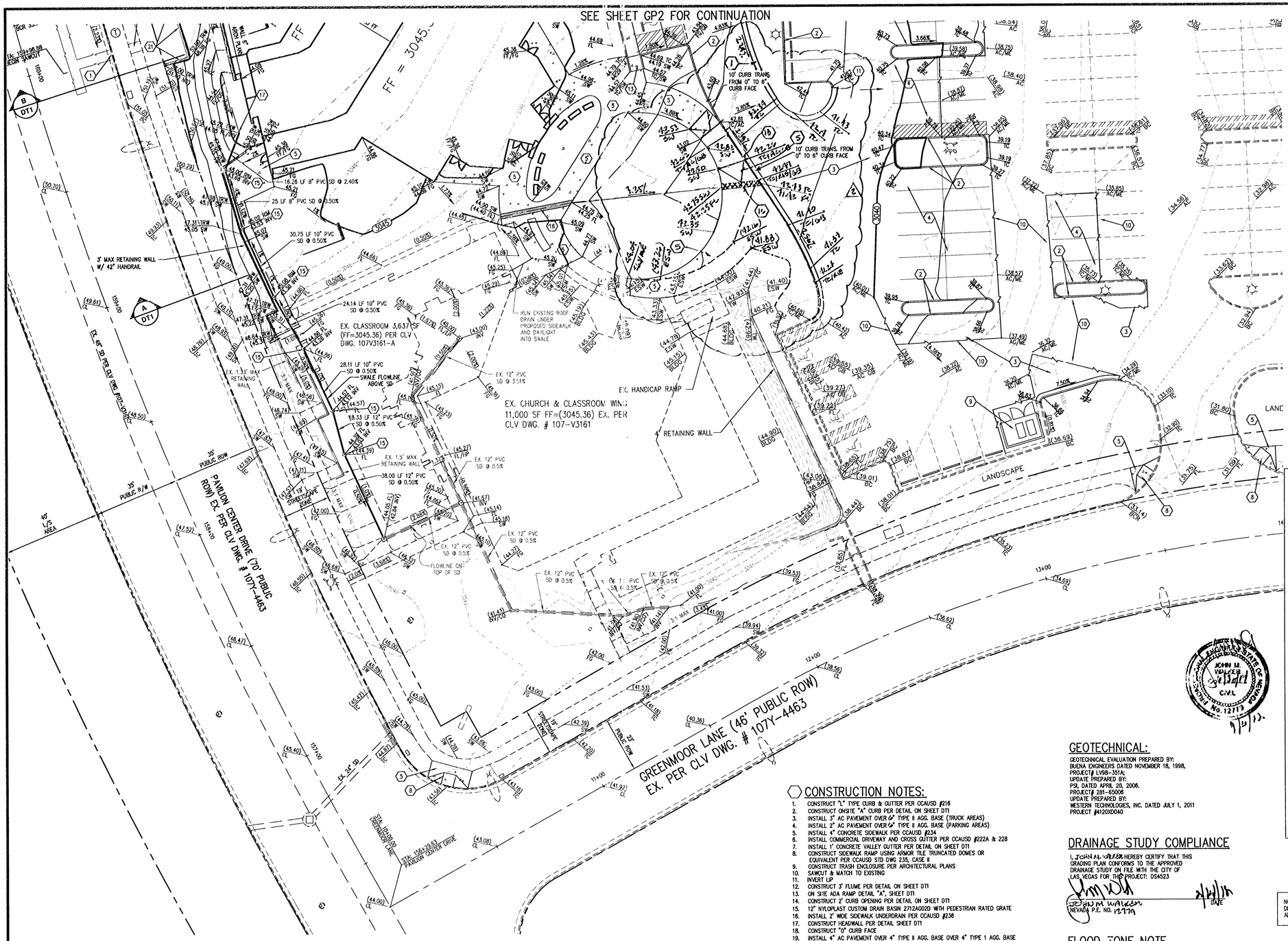
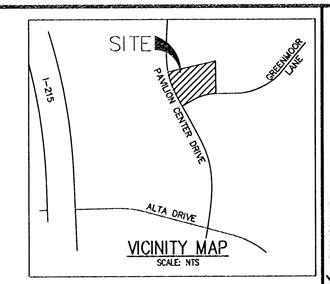
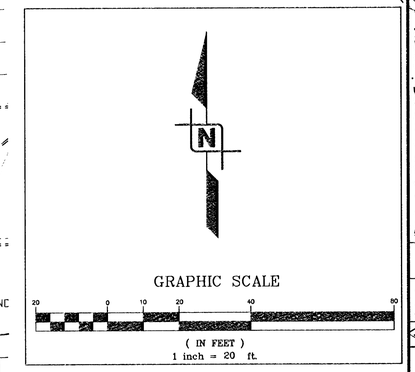




VICINITY MAP
SCALE: NTS



LEGEND

- RIGHT-OF-WAY/PROPERTY LINE
- STREET CENTER LINE
- EXISTING BUILDING
- PROPOSED BUILDING
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING EDGE OF A.C. PAVEMENT
- SIGHT VISIBILITY ZONE NOTE: NOTHING OVER 24" IN HEIGHT ALLOWED IN SVZ EXCEPT TRAFFIC COURSE DEVICES
- EXISTING CMU WALL
- 2631 — EXISTING 1' CONTOUR
- 2630 — EXISTING 5' CONTOUR
- 2630 — PROPOSED CONTOUR
- A / DT1 — SECTION / DETAIL SYMBOL
- HC ACCESS ROUTE
- GRADE BREAK — GRADE BREAK
- 4.60% — SLOPE & DIRECTION OF SLOPE
- 67.62 TC — PROPOSED ELEVATION
- (67.62) TC — EXISTING ELEVATION
- SCARP 3:1 MAX V:H

CONSTRUCTION NOTES:

1. CONSTRUCT "L" TYPE CURB & GUTTER PER CCAUSD #216
2. CONSTRUCT ONSITE "A" CURB PER DETAIL ON SHEET DT1
3. INSTALL 3" AC PAVEMENT OVER 6" TYPE II AGG. BASE (TRUCK AREAS)
4. INSTALL 2" AC PAVEMENT OVER 6" TYPE II AGG. BASE (PARKING AREAS)
5. INSTALL 4" CONCRETE SIDEWALK PER CCAUSD #234
6. INSTALL COMMERCIAL DRIVEWAY AND CROSS GUTTER PER CCAUSD #222A & 228
7. INSTALL 1' CONCRETE VALLEY GUTTER PER DETAIL ON SHEET DT1
8. CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER CCAUSD STD DWG 235, CASE II
9. CONSTRUCT TRASH ENCLOSURE PER ARCHITECTURAL PLANS
10. SAWCUT & MATCH TO EXISTING
11. INVERT LIP
12. CONSTRUCT 3' FLUME PER DETAIL ON SHEET DT1
13. ON SITE ADA RAMP DETAIL "A", SHEET DT1
14. CONSTRUCT 2' CURB OPENING PER DETAIL ON SHEET DT1
15. 12" NYLOPLAST CUSTOM DRAIN BASIN 2712AQ02D WITH PEDESTRIAN RATED GRATE
16. INSTALL 2' WIDE SIDEWALK UNDERDRAIN PER CCAUSD #236
17. CONSTRUCT HEADWALL PER DETAIL SHEET DT1
18. CONSTRUCT "O" CURB FACE
19. INSTALL 4" AC PAVEMENT OVER 4" TYPE II AGG. BASE OVER 4" TYPE 1 AGG. BASE
20. INSTALL BUMPER BLOCK PER STANDARD DWG. 238
21. CONSTRUCT 4' MAX. HEIGHT RETAINING WALL

GEOTECHNICAL:

GEOTECHNICAL EVALUATION PREPARED BY:
BUENA ENGINEERS DATED NOVEMBER 18, 1998,
PROJECT# LV98-3314
UPDATE PREPARED BY:
PSI, DATED APRIL 20, 2006.
PROJECT# 281-65006
UPDATE PREPARED BY:
WESTERN TECHNOLOGIES, INC. DATED JULY 1, 2011
PROJECT #412030040

DRAINAGE STUDY COMPLIANCE

I, JOHN M. WALKER HEREBY CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT: DS4523

JOHN M. WALKER
NEVADA P.E. NO. 12779

DATE

FLOOD ZONE NOTE

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBER 32003C 2150E, CLARK COUNTY, NEVADA, DATED SEPTEMBER 27, 2002, THE SITE LIES WITHIN A FEMA DESIGNATED ZONE "X". A ZONE "X" IS DESCRIBED AS AREAS DETERMINED TO BE OUTSIDE OF THE 500-YEAR FLOODPLAIN

NOTE: ALL ONSITE STORM DRAINS ARE PRIVATELY OWNED AND MAINTAINED.

NOTE:
ALL HANDICAP ACCESS ROUTES ARE AT A MAXIMUM OF 5% DOWNSLOPE AND 2% CROSS SLOPE & 2% IN DIRECTION CHANGE.

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDER-GROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER.
CALL BEFORE YOU DIG: 1-800-227-2600.

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you **Dig.**
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY.
Call before you **OVERHEAD**
1-702-593-6111
NEVADA POWER DISPATCH AND SAFETY SERVICES DEPARTMENT

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS IT'S COSTLY. CALL BEFORE YOU DIG UNDERGROUND
Call before you **UnderGround**
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

BASIS OF BEARING

THE LINE BETWEEN THE INTERSECTION OF THE CENTERLINES OF REGAL MESA AVENUE AND THE CENTERLINE OF SILVER CASTLE STREET AND THE NORTHERLY END OF SILVER CASTLE STREET (7.5' FROM THE CENTER OF THE CUL-DE-SAC) WAS TAKEN AS N04°07'32"E, AS CALCULATED FROM THE MAP OF CHARDONNAY No. 41 - BY LEWIS HOMES PER MAP IN BOOK 80 OF PLATS AT PAGE 47, CLARK COUNTY NEVADA RECORDS.

LEGAL DESCRIPTION

LOT 6, BLOCK B OF THE ARBORS AT SUMMERLIN VILLAGE 11/12 NO. 2A AS RECORDED IN BOOK 75 OF PLATS PAGE 75 FOUND IN THE RECORDERS OFFICE OF CLARK COUNTY, NEVADA.

BENCHMARK

PROJECT VERTICAL DATUM: NAVD88
CITY OF LAS VEGAS B.M. OLV09 3RAWS
NAVD88 ELEV: 927.9652 METERS (3044.50 FEET)

RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF PAVILION CENTER AND GREENMOOR.
CITY OF LAS VEGAS, NEVADA

WRIGHT engineers
7425 PEAK DRIVE LAS VEGAS, NEVADA 89128
P 702.933.7000 F 702.933.7001
WRIGHTENGINEERS.COM
LAS VEGAS :: IRVINE :: PHOENIX :: SACRAMENTO

REV	DATE	BY	REVISION
A	9-6-10		REVISED CLARK COUNTY COMMENTS

JOSEPH N. BRANCA ARCHITECT
LASCO CHANEL BAY DRIVE
LAS VEGAS, NEVADA 89117
TEL (702) 308-1603 FAX (702) 254-3002

CHECK NO. 1 RDC — DATE: 11/16/10
CHECK NO. 2 RDC — DATE: 11/16/10

JOSEPH N. BRANCA ARCHITECT
DSUMC EXPANSION
GRADING PLAN

DATE:	11/16/10
DRAWN BY:	RDC
PROJECT MGR:	RDC
PROJECT NO:	CN100298
SCALE:	AS SHOWN

SHEET GP1
5 OF 8 SHEETS
DRAWING NO. 10145757