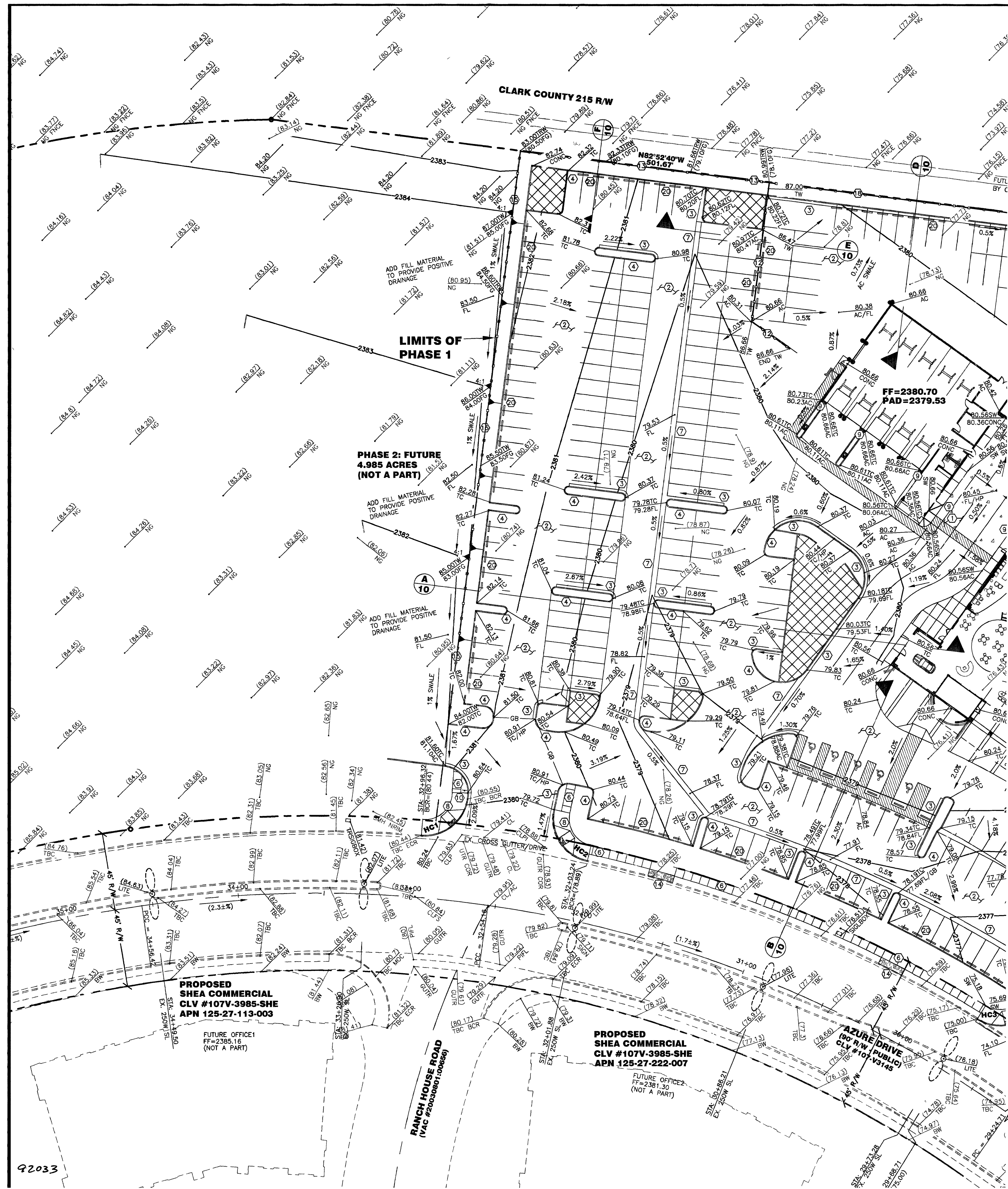




ACCESSIBILITY ROUTE NOTE:
ACCESSIBLE ROUTE TO NEW BUILDING SHALL HAVE A MAXIMUM LONGITUDINAL SLOPE OF 5% AND A MAXIMUM CROSS SLOPE OF 2%

HAMILTON CIVIL ENGINEERS
QUANTITIES DISCLAIMER

THE QUANTITIES SHOWN HEREON ARE FOR PERMIT FEE DETERMINATION ONLY. CONTRACTOR'S BID PRICE SHALL BE BASED UPON A SEPARATE ANALYSIS:

ASSUME SOIL EXPANSION OF 15% --- CUT (CY): 57
ASSUME SOIL COMPACTION OF 93% --- FILL (CY): 28,009
NET (CY): 27,953 (FILL)

NO CORRECTION FACTOR FOR EXPANSION --- CUT (CY): 49
NO CORRECTION FACTOR FOR COMPACTION --- FILL (CY): 30,118
NET (CY): 30,068 (FILL)

DRAINAGE CERTIFICATION:

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS PUBLIC WORKS FOR THIS PROJECT. CLV DRAINAGE STUDY #DS-3955

John R. Hamilton 5/21/2006
JOHN R. HAMILTON, P.E., #15732 DATE

- HAMILTON CIVIL ENGINEERS - SURVEY DISCLOSURE**
- THIS IS NOT A PROPERTY SURVEY. THIS PLAN IS INTENDED TO BE USED FOR LAYOUT AND GRADING PURPOSES ONLY. LOT LINE DIMENSIONS MAY DIFFER FROM THOSE SHOWN HEREON.
- CONSTRUCTION NOTES**
- CONCRETE SLAB BETWEEN BUILDING AND SHOWROOM WITH OVERHEAD CANOPY SHOWN ON ARCHITECTURAL PLANS.
 - CONSTRUCT ON-SITE ASPHALT. AC THICKNESS=2 INCHES (PARKING AREAS), AC THICKNESS=3 INCHES (MAIN CORRIDORS), TYPE II (AGGREGATE BASE)=8 INCHES
 - CONSTRUCT "L"-TYPE CURB & GUTTER PER USDOCA STD DWG #216
 - CONSTRUCT "A"-TYPE CURB & GUTTER PER USDOCA STD DWG #219
 - CONSTRUCT 8 FT CROSS GUTTER PER USDOCA STD DWG #228
 - CONSTRUCT NEW SIDEWALK PER USDOCA STD DWG #234 AND TOWN CENTER DEVELOPMENT STANDARDS. REFER TO DETAIL 74 ON SHEET C10
 - CONSTRUCT 3 FT VALLEY CUTTER PER DETAIL "Z1" ON SHEET C10
 - CONSTRUCT DRIVEWAY HANDICAP RAMP PER DETAIL Z5 ON SHEET C10
 - CONSTRUCT ZERO FACE CURBING
 - INSTALL 30-INCH R1-1 STOP SIGN AT DRIVEWAY
 - CONSTRUCT 48"x16" BLOCK WALL OPENING PER DETAIL "Z2" ON SHEET C10
 - CONSTRUCT 6 FT CMU BLOCK WALL
 - CONSTRUCT 4"-8" WROUGHT IRON FENCE WITH 20% CONTRASTING PER TITLE 18.08.05.D BEING PILASTERS SPACED 20 FT ON CENTER ON TOP OF 18" CMU WALL ON TOP OF RETAINING WALL. REFER TO ARCHITECTURAL PLANS FOR DETAIL.
 - AMENITY ZONE SPECIAL SIDEWALK TREATMENT PER SECTION D.2.C. OF TOWN CENTER DEVELOPMENT STANDARDS. REFER TO DETAIL 24 ON SHEET C10.
 - CONSTRUCT SOLID GROUTED 2FT FLOOD WALL W/ 2 FT CUTOFF WALL (L=337± LF)
 - ADA ROUTE: 5% MAX LONGITUDINAL; 2% MAX CROSS SLOPE.
 - PROVIDE FULLY OPEN DECO BLOCK AT REAR OF TRASH ENCLOSURE
 - CONSTRUCT 6 FT CMU BLOCK WALL WITH 20% CONTRASTING MATERIAL ON TOP OF RETAINING WALL. RETAINING HEIGHT VARIES UP TO 6 FT MAX.
 - CONSTRUCT 4"-8" WROUGHT IRON FENCE WITH 20% CONTRASTING MATERIAL PER TITLE 18.08.05.D BEING PILASTERS SPACED 20 FT ON CENTER SERVING AS A GUARDRAIL ON TOP OF RETAINING WALL. RETAINING WALL HEIGHT VARIES UP TO 6 FT MAX.
 - CONSTRUCT CONCRETE WHEELSTOP

DESC	"A"	"B"
HC1	8.00'	8.00'
HC2	4.50'	9.50'
HC3	8.00'	8.00'
HC4	4.50'	9.50'
CONSTRUCT DRIVEWAY HANDICAP RAMP PER DETAIL Z5 ON SHEET C10		

BENCHMARK
CITY OF LAS VEGAS BENCHMARK BLV80-27NWMS
RIVET AND ROUND PLATE IN CONCRETE +/- 22 FT SE OF BUFFALO AND DURHAM AVENUE. ELEV: 727.175M=2385.74 FT, NAVD88

BASIS OF BEARING
N00°55'40"E BEING THE WEST LINE OF THE NORTHWEST ONE-QUARTER (NW-1/4) OF SECTION 27, TOWNSHIP 19 SOUTH, RANGE 60 EAST, MOUNT DIABLO MERIDIAN, SHOWN ON MERGER AND RESUBDIVISION MAP, FILE 101, PAGE 91 OF PARCEL MAPS, CLARK COUNTY RECORDERS OFFICE

FLOOD ZONE
FIRM PANEL NO. 32003C1745 E, ZONE "X", EFFECTIVE SEPTEMBER 27, 2002

LEGAL DESCRIPTION
PARCEL 2 OF THAT CERTAIN PARCEL MAP ON FILE IN THE CLARK COUNTY RECORDERS' OFFICE AT FILE 101, PAGE 91 OF PARCEL MAPS SITUATED WITHIN THE NORTH HALF (N 1/2) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 27, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

GEOTECHNICAL / GRADING NOTES

SOILS REPORT PREPARED BY:
OWENS GEOTECHNICAL, INC., 4480 WEST HACIENDA AVENUE, SUITE 104
LAS VEGAS, NEVADA 89118
PHONE: (702) 873-3478, FAX: (702) 873-2199
SOILS REPORT JOB NO. E-05-218 DATED SEPTEMBER 12, 2005

- ALL GRADING AND PAVING TO BE COMPLETED IN STRICT ACCORDANCE WITH THE ABOVE REFERENCED SOILS REPORT.
- PAD ELEVATION IS BASED ON SIX (6") INCHES TYPE II OVERLAIN WITH A 6 MIL VISQUEEN MEMBRANE COVERED WITH TWO (2") INCHES OF SAND ALL UNDER SIX (6) INCHES CONCRETE. SEE SOILS REPORT FOR ALTERNATIVE.
- ALL CUT AND FILL SHALL COMPLY WITH SUBMITTED SOILS REPORT.
- AUTOMOBILE PARKING AREAS SHALL HAVE MINIMUM 2"-AC, 8-INCH TYPE II AGGREGATE BASE. MAIN CORRIDORS AND TRUCK ACCESS SHALL HAVE MINIMUM 3"-AC, 8-INCH AGGREGATE BASE. REFER TO SOILS REPORT FOR ALTERNATIVES.

CITY OF LAS VEGAS
GRADING ONLY / BLOCK WALL NOTE:

THIS PLAN IS FOR GRADING ONLY AND DOES NOT APPROVE BLOCK WALLS, RETAINING WALLS, BUILDINGS, STRUCTURES, OR PARKING AREAS. SEPARATE PERMIT APPROVALS ARE REQUIRED.

ONLY BLOCK WALLS SHOWN ON THIS GRADING PLAN SHALL BE CONSTRUCTED. ANY FUTURE BLOCK WALLS OR CHANGES WILL REQUIRE REVISIONS TO THE GRADING PLAN.

SEPARATE PERMIT APPROVAL IS REQUIRED FOR WALLS, FENCES, POOLS, SPAS, SIGNS, AND ACCESSORY STRUCTURES.

- LEGEND**
- EP EDGE OF PAVEMENT
 - CL CENTERLINE
 - PL PROPERTY LINE
 - R/W PUBLIC ROAD RIGHT OF WAY
 - EXISTING CURB & GUTTER, SIDEWALK
 - BSL BUILDING SETBACK LINE
 - EX. CHAIN LINK FENCE
 - EX. WALL
 - PROPOSED WALL
 - ASPHALT SAWTOOTH LINE
 - EXISTING GRADE
 - PROPOSED GRADE
 - CONCRETE ISLAND
 - TRENCH AND BACKFILL (UNPAVED AREAS)
 - EX. CONTOUR
 - FINISH CONTOUR
- AC ASPHALTIC CONCRETE
APN ASSESSOR PARCEL NUMBER
BC BRASS CAP
BFE BASE FLOOD ELEVATION
BOB BASIS OF BEARING
CATV CABLE / TELEVISION
CB CABLE BOX
CONC CONCRETE
DACSWCS DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTIONS SYSTEMS
DW DRIVEWAY
EB ELECTRIC BOX
EG EDGE OF GRAVEL
ELEC ELECTRIC
EM ELECTRIC METER
EP EDGE OF PAVEMENT
EX EXISTING
FF FINISHED FLOOR
FG FINISHED GRADE
FL FLOW LINE
FNCE FENCE
FO FIBER OPTIC
FS FINISHED SURFACE
GB GRADE BREAK
GW GUY WIRE
HP HIGH POINT
HYD/FH FIRE HYDRANT
ICV IRRIGATION CONTROL VALVE
INV INVERT
LF LINEAR FEET
LP LIGHT POLE
MAX MAXIMUM
MIN MINIMUM
NG NATURAL GROUND
POC POINT OF CONNECTION
NPC NEVADA POWER CO. METER
PP POWER POLE "C"
PROTNK PROPANE TANK
PVC POLYVINYL CHLORIDE
RAC REBAR AND ALUMINUM CAP
RET RETAINING
RPC REBAR AND PLASTIC CAP
SL STREET LIGHT
SNWA SOUTHERN NEVADA WATER AUTHORITY
SP SERVICE POLE
SSCO SANITARY SEWER CLEANOUT
SSMH SANITARY SEWER MANHOLE
STA STATION
SVRZ SIGHT VISIBILITY RESTRICTION ZONE (SVRZ): NOTHING OVER 24 INCHES IN HEIGHT AS MEASURED FROM TOP OF CURB ALLOWED IN SVRZ EXCEPT TRAFFIC CONTROL DEVICES.
SWR SEWER
TB TELE-BOX
TBC/TG TOP BACK OF CURB
TBSW TOP BACK OF SIDE WALK
TELE TELEPHONE
TF TRANSFORMER
TMH TOP OF MANHOLE
TOE TOE OF SLOPE
TOP TOP OF SLOPE
TR TELE-RISER
TW TOP OF WALL
TV TELE-VAULT
UDACS UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS
UGE UNDERGROUND ELECTRIC
USDOCA UNIFORM STANDARD DRAWINGS (CLARK COUNTY AREA)
VC VALLEY CUTTER
WELL CASING
WT WATER TANK
WM WATER METER
WV WATER VALVE

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig.
1-800-227-2600
(48 hrs. Advance Notice Required)

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY.
Call before you OVERHEAD.
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

VICINITY MAP (NTS)
NW 1/4, SECT 27, T19S, R60E

PROPERTY OWNER:
CLV TRUST
310 NORTH GIBSON ROAD
LAS VEGAS, NEVADA 89014-4702
PH: (702) 580-3658
FAX: (702) 580-3658
EMAIL: tcorde@indigo.com

CONTACT: TYLER CORDE, CHIEF FINANCIAL OFFICER
3945 Pepple Creek Avenue
Las Vegas, Nevada 89147
John@HamiltonCivilEngineers.com

PHASE 1: GRADING (WEST)

NAME OF PROJECT: FINDLAY-SHACK HONDA
APN 125-27-101-036
GOVERNING ENTITY: CITY OF LAS VEGAS, NEVADA
ASSESSOR PARCEL NUMBER: APN 125-27-101-036

1"=30'

HAMILTON CIVIL ENGINEERS:
HCE 05-500-005

ENGINEER'S SEAL
JOHN R. HAMILTON
Exp: 06/30/2007
CIVIL
No. 015732

SHEET ID
C5

5 OF 11 SHEETS
GOVERNING ENTITY REF NO.: 107V4632