

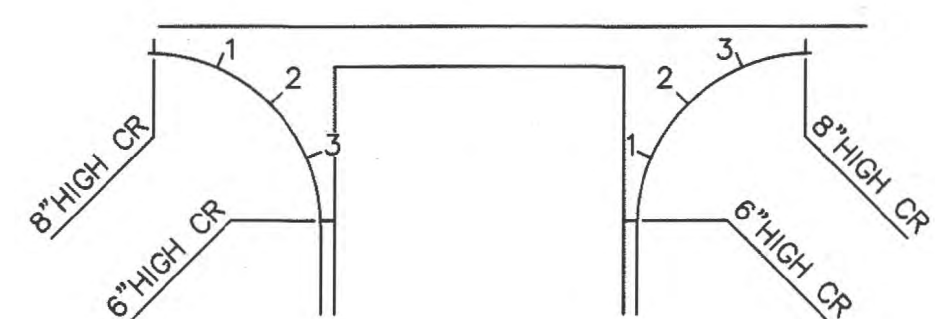
CURB RETURN QUARTER PTS.

CURB HT.	TC	FL
6" HIGH CR	65.1	64.6
TRANSITION	65.24	64.7
6" HIGH CR	65.39	64.8
TRANSITION	65.53	64.9
6" HIGH CR	65.67	65.0

CURB HT.	TC	FL
6" HIGH CR	64.63	63.96
TRANSITION	64.65	64.02
6" HIGH CR	64.7	64.08
TRANSITION	64.9	64.14
6" HIGH CR	64.7	64.2

CURB HT.	TC	FL
6" HIGH CR	64.8	64.3
TRANSITION	64.69	64.14
6" HIGH CR	64.57	63.98
TRANSITION	64.45	63.82
6" HIGH CR	64.33	63.66

CURB HT.	TC	FL
6" HIGH CR	64.13	63.46
TRANSITION	64.20	63.57
6" HIGH CR	64.27	63.68
TRANSITION	64.33	63.79
6" HIGH CR	64.4	63.9



NOTE:

QUARTER POINT GRADES ARE REFERENCED AS 1, 2 & 3 ALONG THE FACE OF CURB IN A CLOCKWISE DIRECTION.

ENGINEER'S CERTIFICATION

I, Asa M. Nilsson-Weber PE, NMPE 17631, of the firm Isaacson & Arfman, P.A., hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 5-14-12. The record information plotted onto the original design document has been obtained by Jason Smith, NMPS #17122 of the firm Doug Smith Land Surveying. I further certify that I have personally visited the project site on 9-5-13 and have determined by visual inspection that the survey data provided is representative of actual site conditions and is true and correct to the best of my knowledge and belief. This certification is submitted in support of a request for Permanent Certificate of Occupancy.

Areas of modification between approved plan and actual as-built:

- △ Parking space not constructed
- △ Alley gutter not constructed

GENERAL NOTES

- COORDINATE WORK WITH SITE PLAN, UTILITY PLAN, DEMOLITION PLAN, AND LANDSCAPE PLAN.
- ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OF OFFSITE.
- SEE APPROVED SOILS REPORT FOR SPECIFIC OVER-EXCAVATION AND COMPACTION REQUIREMENTS.
- FINAL GRADES SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF CONCRETE BUILDING PAD, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). CONTRACTOR SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON ELEVATIONS SHOWN MINUS FINISH MATERIAL THICKNESSES.
- EXISTING UTILITY LINES ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND MAY BE INCOMPLETE OR OBSOLETE. SUCH LINES MAY OR MAY NOT EXIST WHERE SHOWN OR NOT SHOWN. ALL UTILITIES SHOULD BE FIELD VERIFIED AND LOCATED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES.
- ALL NEW PAVEMENT SURFACES SHALL BE CONSTRUCTED WITH POSITIVE SLOPE AWAY FROM BUILDINGS AND POSITIVE SLOPE TOWARD EXISTING AND/OR PROPOSED DRAINAGE PATHS. WHERE NEW GRADES ARE SHOWN AS "MATCH" OR "X", TRANSITIONS TO EXISTING SHALL BE SMOOTH AND LEVEL.
- PERMANENT EROSION CONTROL IS TO BE INSTALLED DURING LANDSCAPING PHASE. THIS WILL NOT BE INCLUDED IN ENGINEER'S CERTIFICATION FOR CERTIFICATE OF OCCUPANCY.
- LANDSCAPING SCREENED ON THIS PLAN IS FOR INFORMATION PURPOSES ONLY. REFER TO LANDSCAPE DRAWINGS FOR MORE INFORMATION.

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of the grading and drainage aspects of this project. Those relying on this record document are advised to obtain independent verification of its accuracy before using it for any other purpose.

Asa M. Nilsson-Weber 09-06-13
Asa M. Nilsson-Weber, PE: NMPE 17631 Date

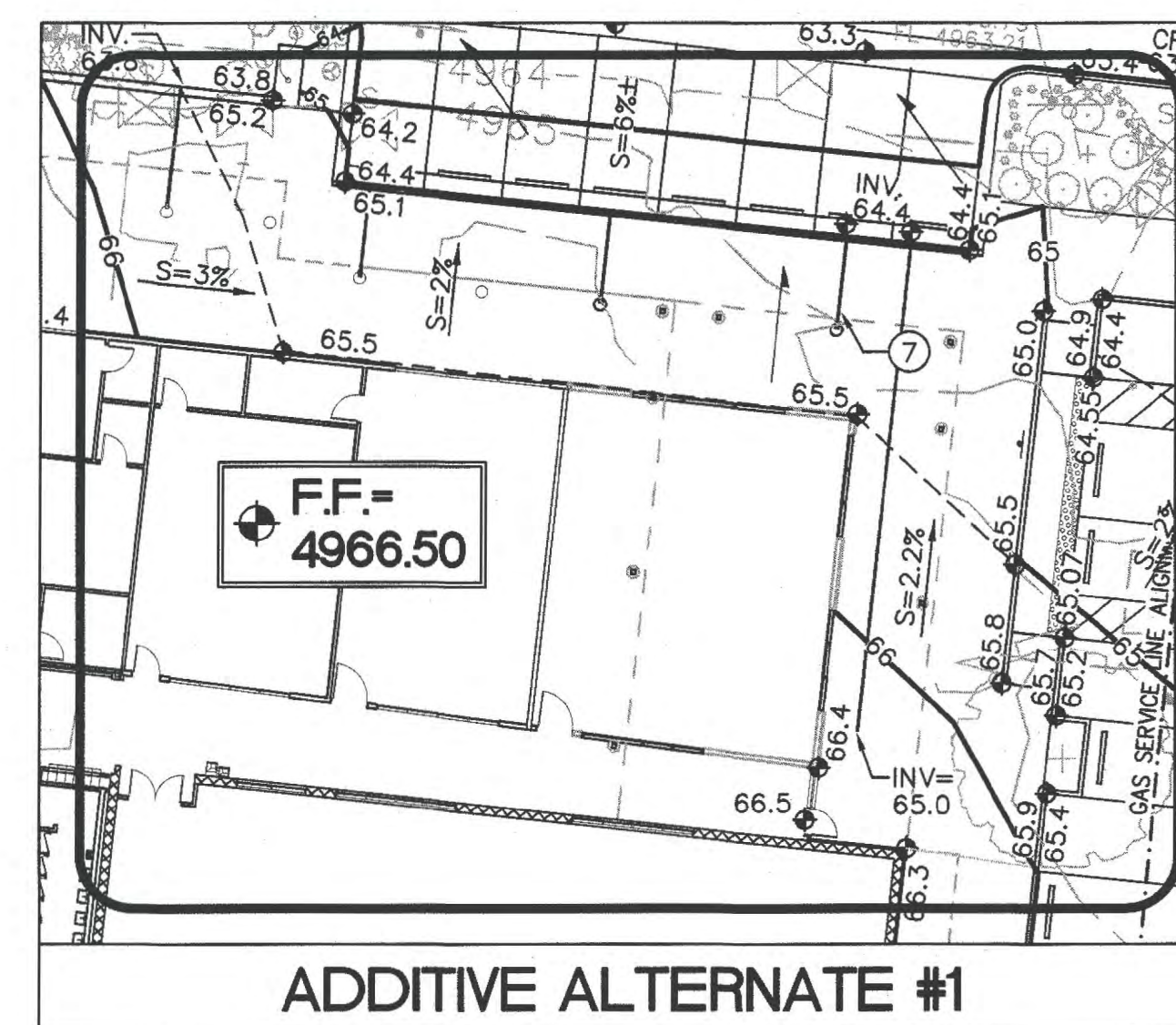


KEYED NOTES

- TOP OF ASPHALT FLUSH WITH TOP OF CONCRETE THIS AREA.
- SLOPES WITHIN HANDICAP PARKING AREA TO MEET ADA REQUIREMENTS. MAX. SLOPE = 2% IN ANY DIRECTION.
- CONSTRUCT HANDICAP ACCESS RAMP TO ADA STANDARDS. SEE CP-101 FOR DETAIL.
- CONSTRUCT CONCRETE APRON ALONG SOUTH SIDE OF BUILDING. TOP OF APRON AT BUILDING = 0.1' BELOW F.F. SLOPE TO DRAIN TO LANDSCAPING. SEE ARCHITECTURAL FOR DETAIL.
- CONSTRUCT GARDEN WALL TO TRANSITION GRADES AS SHOWN. TOP OF WALL FLUSH WITH TOP OF WALK. MAXIMUM RETAINING = 2.5'. SEE LANDSCAPE PLAN AND ARCHITECTURAL DETAILS.
- CONCENTRATED ROOF DISCHARGE LOCATION. CONSTRUCT CONCRETE RUNDOWN PER DETAIL ON SHEET CG-501.
- CONCENTRATED ROOF DISCHARGE LOCATION. EXTEND PIPE NORTH THROUGH FACE OF CURB PER C.O.A. STD. DTL. 2235 OR THROUGH WALL TO LANDSCAPING AT INVERT ELEVATION SHOWN ON PLAN.
- CONCENTRATED ROOF DISCHARGE LOCATION. EXTEND PIPE AT INVERT ELEVATIONS SHOWN WEST TO OUTLET TO LANDSCAPING.
- CONCENTRATED ROOF DISCHARGE LOCATION. EXTEND DOWNSPOUT THROUGH TRENCH DRAIN GRATE.
- PROVIDE TWO 12" WIDE CURB OPENINGS AT FLOWLINE ELEVATION SHOWN TO PASS FLOW. SEE CG-501 FOR DETAIL.
- CONSTRUCT 12" WIDE (BOTTOM WIDTH) COVERED SIDEWALK CULVERT PER C.O.A. STD. DWG. 2236 TO PASS DISCHARGE TO LANDSCAPE AREA. SEE C.O.A. DETAIL SHEET C-502 FOR ADDITIONAL INFORMATION. DEPRESS LANDSCAPE AT OUTLET TO ACCEPT DISCHARGE.
- DEPRESS MAIN LANDSCAPING AREA TO ACCEPT STORMWATER FROM PAVEMENT FOR INFILTRATION. SEE GENERAL NOTE 'D'

- DEPRESS LANDSCAPING WITHIN STANDARD PARKING ISLANDS TO ELEVATIONS SHOWN TO CONTAIN STORMWATER. FLOW IN EXCESS OF AREA CAPACITY WILL OVERFLOW TO PAVEMENT. SEE GENERAL NOTE 'D'.
- CONSTRUCT INFILTRATION PIT AT LOCATIONS SHOWN. SEE CG-501 FOR DETAIL.
- 0.5' INCREMENT CONTOURS DASHED THIS AREA TO CLARIFY PROPOSED GRADING.
- SLOPE LANDSCAPED AREA ON SOUTH SIDE OF BUILDING AT ELEVATIONS SHOWN. DISCHARGE WILL OVERFLOW TO PAVEMENT AND TO PARK. ELEVATION 66.0 MUST BE MIN. 10' FROM BUILDING.
- CONSTRUCT HEADER CURB ALONG SOUTH SIDE OF NEW BUILDING TO DEFLECT / DISSIPATE ROOF DISCHARGE AT ELEVATIONS SHOWN. SEE C-501 FOR DETAIL.
- SEE INSET THIS SHEET FOR ADDITIVE ALTERNATE #1 GRADES.
- SEE SHEET CP-102 FOR SPEED HUMP DETAIL.
- INSTALL 'ACO K100S' TRENCH DRAIN (4.6" DEPTH TYPICAL) FROM DOWNSPOUT TO DISCHARGE TO LANDSCAPING AT INVERT ELEVATIONS SHOWN. INSTALL PER MANUFACTURER'S SPECIFICATIONS AND DETAILS.
- CONSTRUCT CONCRETE ALLEY GUTTER AT ELEVATIONS SHOWN PER C.O.A. STD. DWG. 2415A. SEE SHEET C-501 FOR DETAIL.

VICINITY MAP



PROJECT DATA

LEGAL DESCRIPTION: A PORTION OF LOS DURANES PARK ALBUQUERQUE, NEW MEXICO

SITE AREA: APPROXIMATELY 2.6 ACRES
FLOOD ZONE: THIS SUBJECT PROPERTY APPEARS TO BE IN ZONE(S) "X" OF THE FLOOD INSURANCE RATE MAP. COMMUNITY PANEL NO. 35001C0331G, WHICH BEARS AN EFFECTIVE DATE OF 09/28/06, BEING DEFINED AS AN AREA OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

ENGINEER: ASA NILSSON-WEBER
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SURVEYOR: WILL PLOTNER, JR.
CARTESIAN SURVEYS INC.
RIO RANCHO, NM
PHONE: (505) 896-3050

BENCHMARK: ACS MONUMENT "3.G12"
ELEVATION=4965.946 (NAVD 88)

PROPERTY DESCRIPTION: THE SITE IS AN PREVIOUSLY DEVELOPED COMMUNITY CENTER LOCATED WITHIN C.O.A. VICINITY MAP H-12. THE SITE IS BOUND TO THE EAST AND SOUTH BY IRRIGATION DITCHES, TO THE WEST BY LOS DURANES PARK AND TO THE NORTH BY LEOPOLDO ROAD (PRIVATE).

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE THE DEMOLITION OF THE EXISTING COMMUNITY CENTER SITE AND THE CONSTRUCTION OF A NEW COMMUNITY CENTER WITH ASSOCIATED ASPHALT, PARKING AND LANDSCAPING.

OFF-SITE: FLOW FROM THE RESIDENTIAL PROPERTIES ON THE NORTH SIDE OF LEOPOLDO ROAD APPEAR TO HISTORICALLY PASS TO THE ROAD TO BE DIRECTED TO A PUBLIC STORM DRAIN INLET AT THE WEST END OF LOS DURANES PARK. NO OFF-SITE DRAINAGE AFFECTS THE PROPOSED COMMUNITY CENTER PROPERTY.

DRAINAGE PLAN CONCEPT:

A MINOR INCREASE IN OVERALL DISCHARGE OF 0.6 CFS (COMPARED TO THE EXISTING COMMUNITY CENTER DISCHARGE CALCULATIONS) FROM THE 100-YEAR 6-HOUR STORM EVEN IS EXPECTED (SEE SUPPLEMENTAL CALCULATIONS). FLOW WILL BE DIRECTED TO WATER HARVESTING BASINS WITHIN THE SURROUNDING LANDSCAPED AREAS. EXCESS WILL DISCHARGE TO LEOPOLDO ROAD (AS IT DOES HISTORICALLY) TO FLOW WEST TO THE EXISTING PUBLIC STORM DRAIN INLETS AT THE WEST END OF THE LOS DURANES PARK.

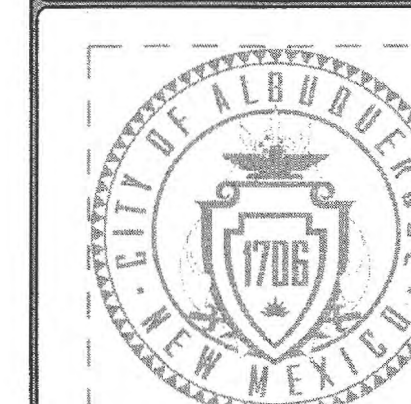
LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- FLOW ARROW
- FINISH FLOOR ELEVATION
- TRANSITION TO EXISTING ELEVATION
- CURB QUARTER POINT TABLE REFERENCE
- CURB RETURN
- GRADE BREAK
- AS-BUILT SPOT ELEVATION
- ENGINEERS CERTIFICATION COMMENT

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1908 CG-101.dwg May 14, 2012

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
CAPITAL IMPLEMENTATION PROGRAM

**LOS DURANES
COMMUNITY CENTER**
2920 LEOPOLDO NW, ALBUQUERQUE NM 87104



ZONE MAP NO.
H-12-Z
CITY PROJECT NO.
789091

**GRADING AND
DRAINAGE PLAN
CG-101**

SHEET ___ OF ___