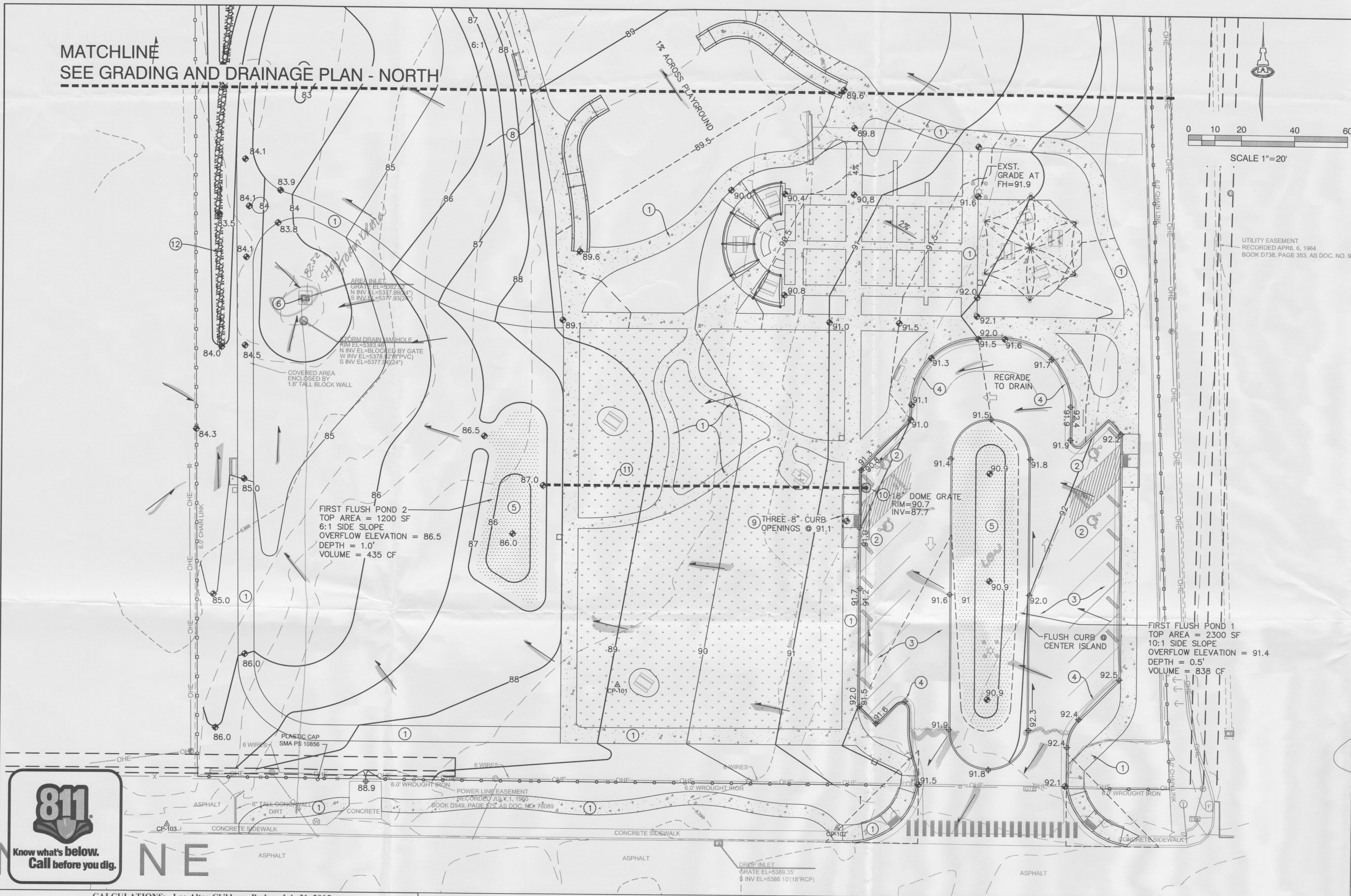
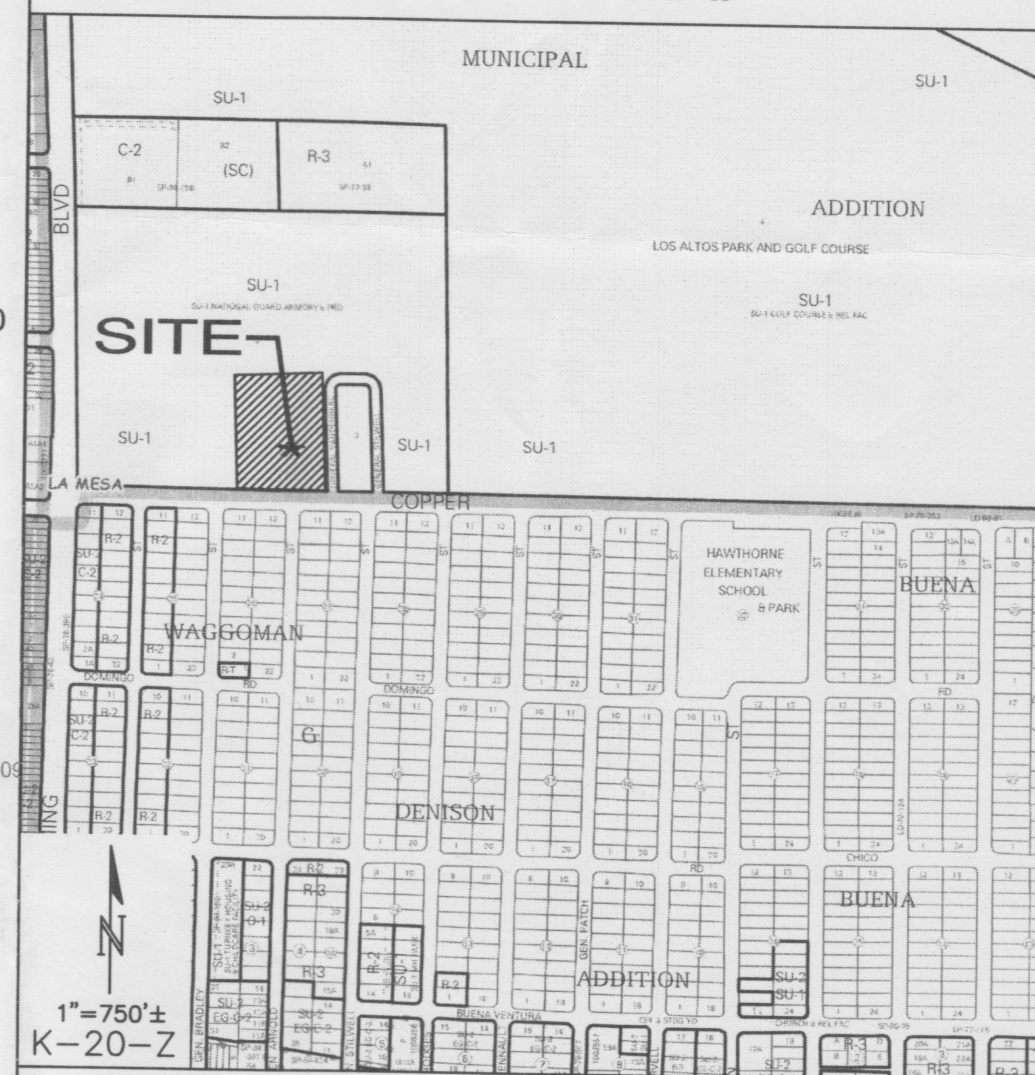


MATCHLINE
SEE GRADING AND DRAINAGE PLAN - NORTH



VICINITY MAP



PROJECT DATA

PROPERTY: THE SITE IS A PORTION OF A DEVELOPED PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP K-20. THE SITE IS BOUND TO THE EAST BY SINGLE FAMILY RESIDENTIAL, TO THE NORTH AND WEST BY FULLY DEVELOPED GOVERNMENT PROPERTY AND TO THE SOUTH BY COPPER AVE. N.E.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE REMOVING ASPHALT AND BASE COURSE PAVED AREAS AND REPLACING WITH A CITY PARK WITH PLAYGROUND(S), GRASS FIELDS, ADA COMPLIANT PEDESTRIAN PATHS, ETC.

LEGAL: A PORTION OF TRACT 3 IN SECTION 20, T. 10 N., R. 4 E., N.M.P.M., COUNTY OF BERNALILLO, CITY OF ALBUQUERQUE.

BENCHMARK: A 3 1/4 INCH ALUMINUM DISC STAMPED "14-K20 1990" SET FLUSH WITH THE TOP OF THE CURB. NAVD 88. N: 1485201.9420 E: 1551107.3220 ELEVATION = 5381.929'

SURVEYOR: WILSON & COMPANY
4900 LANG AVENUE N.E.
ALBUQUERQUE, NM 87109

OFF-SITE: NO OFF-SITE DRAINAGE IMPACTS THIS PROPERTY.

FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP NUMBER 35001C0358H, EFFECTIVE ON 08/16/2012, THE SITE IS LOCATED WITHIN FLOODZONE "X" DESIGNATED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.

DRAINAGE PLAN CONCEPT: OVERALL PROPERTY RUNOFF WILL CONTINUE TO DRAIN TO THE WEST TO ENTER THE EXISTING ON-SITE STORM DRAIN SYSTEM WHICH DISCHARGES TO THE COPPER AVE. STORM DRAIN MAIN. THE ADDITION OF STORMWATER RETENTION / FIRST FLUSH BASINS AND WATER HARVESTING AS WELL AS THE REMOVAL OF ASPHALT AND BASE COURSE PAVED AREAS WILL REDUCE THE OVERALL DISCHARGE FROM THE PROPERTY.

FLOW FROM THE EXISTING PARKING AREAS NORTH AND WEST OF THIS PROPERTY WILL CONTINUE TO DRAIN THROUGH THE PARK AREA TO THE EXISTING STORM DRAIN INLETS.

LEGEND

- EXISTING CONTOUR (1' INCREMENTS)
- FLOW DIRECTION
- PROPOSED CONTOUR (1' INCREMENTS)
- PROPOSED 0.5' CONTOUR
- PROPOSED EROSION CONTROL
- PROPOSED STORM DRAIN

CALCULATIONS

CALCULATIONS: Los Altos Childrens Park ; July 31, 2015									
Based on Drainage Design Criteria for City of Albuquerque Section 22.2, DPM, Vol 2, dated Jan., 1993									
ON-SITE									
AREA OF SITE:		189655		SF		=		4.4	
100-year, 6-hour									
HISTORIC FLOWS:				DEVELOPED FLOWS:				EXCESS PRECIP:	
		Treatment SF		%				Precip. Zone	
Area A		=		0		0%		E _A = 0.66	
Area B		=		18965.5		10%		E _B = 0.92	
Area C		=		94827.5		50%		E _C = 1.29	
Area D		=		75862		40%		E _D = 2.36	
Total Area		=		189655		100%			
On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)									
Weighted E =				$\frac{E_A A_A + E_B A_B + E_C A_C + E_D A_D}{A_A + A_B + A_C + A_D}$					
Historic E		=		1.68 in.		Developed E		= 1.33 in.	
On-Site Volume of Runoff: V ₃₆₀ = E*A / 12									
Historic V ₃₆₀		=		26568 CF		Developed V ₃₆₀		= 21093 CF	
On-Site Peak Discharge Rate: Q _p = Q _{pA} A _A +Q _{pB} A _B +Q _{pC} A _C +Q _{pD} A _D / 43.560									
For Precipitation Zone 3									
Q _{pA}		=		1.87		Q _{pC}		= 3.45	
Q _{pB}		=		2.60		Q _{pD}		= 5.02	
Historic Q _p		=		17.4 CFS		Developed Q _p		= 14.8 CFS	

DESCRIPTION		OVERALL SITE - DEVELOPED CONDITIONS	
Area of basin flows	189655	SF	4.4
The following calculations are based on Treatment areas as shown in table to the right			
Sub-basin Weighted Excess Precipitation (see formula above)		LAND TREATMENT	
Weighted E	1.33 in.	A	0%
Sub-basin Volume of Runoff (see formula above)		B	42%
V_{360}	20976 CF	C	40%
Sub-basin Peak Discharge Rate: (see formula above)		D	18%
Q_p	14.7 cfs	FIRST FLUSH VOL	
		967 CF	

STORMWATER CONTROL MEASURES ARE REQUIRED TO PROVIDE MANAGEMENT OF 'FIRST FLUSH' (DEFINED AS THE 90TH PERCENTILE STORM EVENT OR 0.34" [0.44" LESS 0.1" FOR INITIAL ABSTRACTION] OF STORMWATER WHICH DISCHARGES DIRECTLY TO A PUBLIC STORM DRAINAGE SYSTEM).

THE ESTIMATED PONDING VOLUME REQUIRED IS 0.34" * TYPE 'D' AREA: = 967 CF. TOTAL PONDING PROVIDED WITHIN FIRST FLUSH PONDS 1 AND 2 = 1273 CF.

DISCHARGE FROM IMPERVIOUS AREAS WILL BE DIRECTED TO RETENTION PONDS LOCATED WITHIN THE LANDSCAPE AREAS. OVERFLOW WILL BE ROUTED TO THE ON-SITE STORM DRAIN INLETS.

KEYED NOTES

THESE KEYED NOTES ARE FOR USE ON GRADING AND DRAINAGE PLANS CG-101 AND CG-102 (NORTH AND SOUTH)

- NEW WALK. ALL WALKS TO BE ADA ACCESSIBLE (5% MAX SLOPE, 2% MAX CROSS-SLOPE).
- SLOPES WITHIN HANDICAP PARKING AREA(S) TO MEET ADA REQUIREMENTS. MAX. SLOPE = 2% IN ANY DIRECTION.
- EXISTING ASPHALT PAVED PARKING.
- NEW CONCRETE CURB.
- NEW SHALLOW FIRST FLUSH RETENTION POND.
- EXISTING STORM DRAIN INLET.
- DEPRESS NEW LANDSCAPING.
- GRADE TRANSITION SLOPES TO ACHIEVE GRADE DIFFERENCES SHOWN. MAXIMUM SLOPE = 6:1 UNLESS NOTED.
- PROVIDE THREE 8" WIDE OPENING IN CURB.
- NEW 18" DOMED INLET.
- NEW 12" DIA. STORM DRAIN.
- NEW 3' WIDE X 6" DEPRESSED FRACTURED FACE ROCK DRAINAGE SWALES.

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates

128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 www.isacivil.com
2122 CG-101 EPC.dwg Aug 04, 2015



CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SOUTH LOS ALTOS CHILDREN'S PARK
GRADING AND DRAINAGE PLAN - SOUTH

Design Review Committee City Engineer Approval

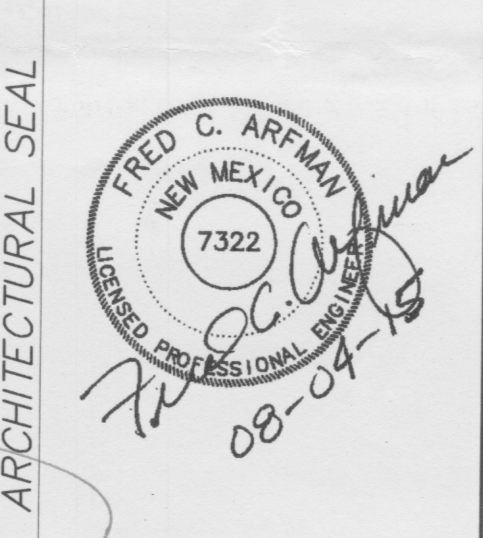
City Project No. 613592 Zone Map No. K-20

Sheet 3 Of 4

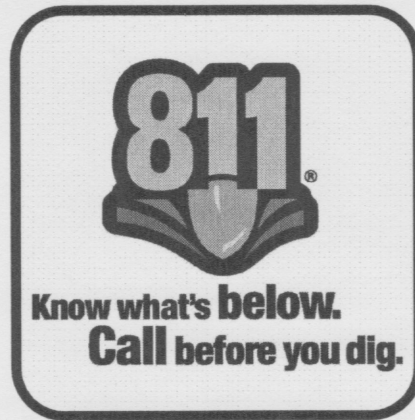
AS-BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR'S	DATE
FIELD ANGLE BY	DATE
VERIFICATION BY	DATE
COMMENTS	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
A 3 1/4 INCH ALUMINUM DISC STAMPED "14-K20 1990"	DATE
SET FLUSH WITH THE TOP OF THE CURB. NAVD 88.	BY
N: 1485201.9420 E: 1551107.3220	NO.
ELEVATION = 5381.929'	

SURVEY INFORMATION	
FIELD NOTES	DATE
BY	BY
NO.	NO.



REVISIONS	
1	5/22/15
2	8/4/15
REMARKS	
NO.	DATE
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE



MATCHLINE
SEE GRADING AND DRAINAGE PLAN - SOUTH

GENERAL NOTES

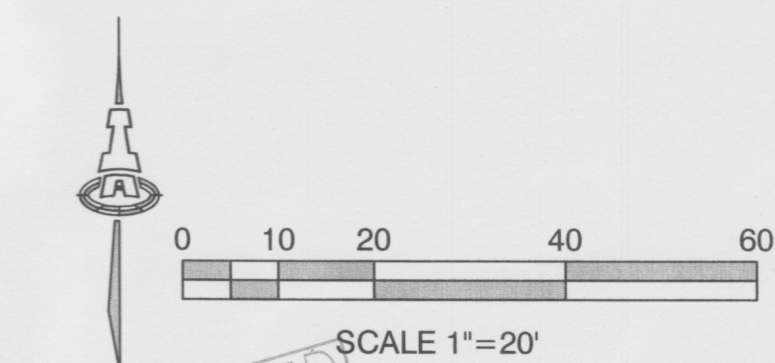
- A. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE AND NMDOT STANDARDS APPLY.
- B. THE CONTRACTOR SHALL ABIDE BY ALL STATE, LOCAL, AND FEDERAL LAWS, CODES, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA AND ADA REQUIREMENTS.
- C. ALL SUBGRADE, OVEREXCAVATION, BACKFILL, AND FILL SHALL BE PLACED AND / OR COMPACTED PER THE GEOTECHNICAL REPORT AND CITY OF ALBUQUERQUE SPECIFICATIONS.
- D. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION, OR PRIOR TO OCCUPANCY, AS APPROPRIATE. IF PERMITS ARE DELAYED OR ISSUED WITH CONDITIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ARCHITECT IMMEDIATELY.
- E. COORDINATE WORK WITH SITE PLAN, UTILITY PLAN, DEMOLITION PLAN, AND LANDSCAPE PLAN.
- F. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING OBSTRUCTIONS, AND CONDITION OF ALL EXISTING INFRASTRUCTURE PRIOR TO CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT / ENGINEER AND VERIFY THE ARCHITECT / ENGINEER'S INTENT BEFORE PROCEEDING.
- G. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SITE SAFETY.
- H. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS ON SITE AT ALL TIMES.
- I. CONTRACTOR SHALL OBTAIN ALL REQUIRED INSPECTIONS OF THE WORK.
- J. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT STRUCTURES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTING EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- K. CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS. EQUIPMENT SHALL ONLY OBSTRUCT DESIGNATED TRAFFIC LANES IF APPROPRIATE BARRICADING PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL IN THE RIGHT-OF-WAY.
- L. THE CONTRACTOR SHALL PROVIDE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN THAT CONFORMS TO THE LATEST EDITION OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND LOCAL REQUIREMENTS. THE CONTRACTOR SHALL OBTAIN BARRICADING PERMITS FROM THE APPROPRIATE AUTHORITIES PRIOR TO ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- M. THE CONTRACTOR SHALL MAINTAIN ALL BARRICADING AND CONSTRUCTION SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
- N. PAVEMENT GRADES IN MARKED HANDICAPPED PARKING AREAS SHALL NOT EXCEED 2.0% IN ANY DIRECTION. FOR ALL ACCESSIBLE ROUTES, MAXIMUM ALLOWABLE CROSS SLOPE IS 2.0% AND MAXIMUM LONGITUDINAL SLOPE WITHOUT RAMP IS 5.0%. FOLLOW ALL ADA ACCESSIBILITY GUIDELINES OR CITY CODES, WHICHEVER IS MORE STRINGENT.
- O. ALL TRASH, DEBRIS, & SURFACE VEGETATION SHALL BE CLEARED AND LEGALLY DISPOSED OF OFFSITE.
- P. PROPOSED SPOT AND CONTOUR ELEVATIONS 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.
- Q. IF FIELD GRADE ADJUSTMENTS ARE REQUIRED, THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT.
- R. MAXIMUM SLOPES SHALL BE 4:1.
- S. 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. CONTRACTOR SHALL CONTACT NM-811 FOR UTILITY LINE SPOTS TWO WORKING DAYS PRIOR TO CONDUCTING SITE FIELD WORK. CONTRACTOR SHALL FIELD VERIFY AND LOCATE ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION. 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. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF NECESSARY DRY UTILITY ADJUSTMENTS.
- T. SOIL TESTING AND INSPECTION SERVICES DURING EARTHWORK OPERATIONS ARE REQUIRED. CONTRACTOR SHALL ALLOW TESTING LABS TO INSPECT AND APPROVE COMPACTED SUBGRADES, BACKFILL, AND FILL LAYERS BEFORE FURTHER CONSTRUCTION WORK IS DONE. SHOULD COMPACTION TESTS INDICATE INADEQUATE DENSITY, CONTRACTOR SHALL PROVIDE ADDITIONAL COMPACTION AND TESTING AT THE CONTRACTOR'S SOLE EXPENSE.
- U. CONTRACTOR SHALL LOCATE AND PRESERVE ALL BOUNDARY CORNERS AND REPLACE ANY LOST OR DISTURBED CORNERS AT CONTRACTOR'S SOLE EXPENSE. PROPERTY CORNERS SHALL ONLY BE RESET BY A REGISTERED LAND SURVEYOR.
- V. THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE CITY OF ALBUQUERQUE REQUIRE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AN NPDES PERMIT, AND AN EROSION AND SEDIMENT CONTROL (ESC) PERMIT FOR PROJECTS WHERE CONSTRUCTION ACTIVITIES MEET THE EPA THRESHOLD. (SWPPP, NPDES PERMIT, AND ESC PLAN BY OTHERS.) A CITY-APPROVED ESC PERMIT MUST BE INCLUDED WITH THE CONTRACTOR'S SUBMITTAL FOR A ROUGH GRADING, GRADING, PAVING, BUILDING, OR WORK ORDER PERMIT.
- W. GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- X. MEASURES REQUIRED FOR EROSION AND SEDIMENT CONTROL SHALL BE INCIDENTAL TO THE PROJECT COST.
- Y. ALL SITE PREPARATION, GRADING OPERATIONS, FOUNDATION CONSTRUCTION, AND PAVEMENT INSTALLATION WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT, WHICH WILL BE PROVIDED BY THE OWNER OR ARCHITECT. ALL OTHER WORK SHALL, UNLESS OTHERWISE NOTED IN THE PLANS, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATION (FIRST PRIORITY), AND/OR NMDOT STANDARD SPECIFICATIONS FOR PUBLIC WORK (SECOND PRIORITY).
- Z. FIVE WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (811) FOR LOCATION OF EXISTING UTILITIES.

KEYED NOTES

- THESE KEYED NOTES ARE FOR USE ON GRADING AND DRAINAGE PLANS CG-101 AND CG-102 (NORTH AND SOUTH)
1. NEW WALK. ALL WALKS TO BE ADA ACCESSIBLE (5% MAX SLOPE, 2% MAX CROSS-SLOPE).
 2. SLOPES WITHIN HANDICAP PARKING AREA(S) TO MEET ADA REQUIREMENTS. MAX. SLOPE = 2% IN ANY DIRECTION.
 3. EXISTING ASPHALT PAVED PARKING.
 4. NEW CONCRETE CURB.
 5. NEW SHALLOW FIRST FLUSH RETENTION POND.
 6. EXISTING STORM DRAIN INLET.
 7. DEPRESS NEW LANDSCAPING.
 8. GRADE TRANSITION SLOPES TO ACHIEVE GRADE DIFFERENCES SHOWN. MAXIMUM SLOPE = 6:1 UNLESS NOTED.
 9. PROVIDE THREE 8" WIDE OPENING IN CURB.
 10. NEW 18" DOMED INLET.
 11. NEW 12" DIA. STORM DRAIN.
 12. NEW 3' WIDE X 6" DEPRESSED FRACTURED FACE ROCK DRAINAGE SWALES.

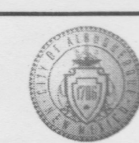
LEGEND

- EXISTING CONTOUR (1' INCREMENTS)
--- FLOW DIRECTION
--- 90 --- PROPOSED CONTOUR (1' INCREMENTS)
--- 91.5 --- PROPOSED 0.5' CONTOUR
--- PROPOSED EROSION CONTROL
--- PROPOSED STORM DRAIN



MRWM

LANDSCAPE ARCHITECTS
Morrow Reardon Wilkinson Miller, Ltd.
mrwmia.com 505 268 2266



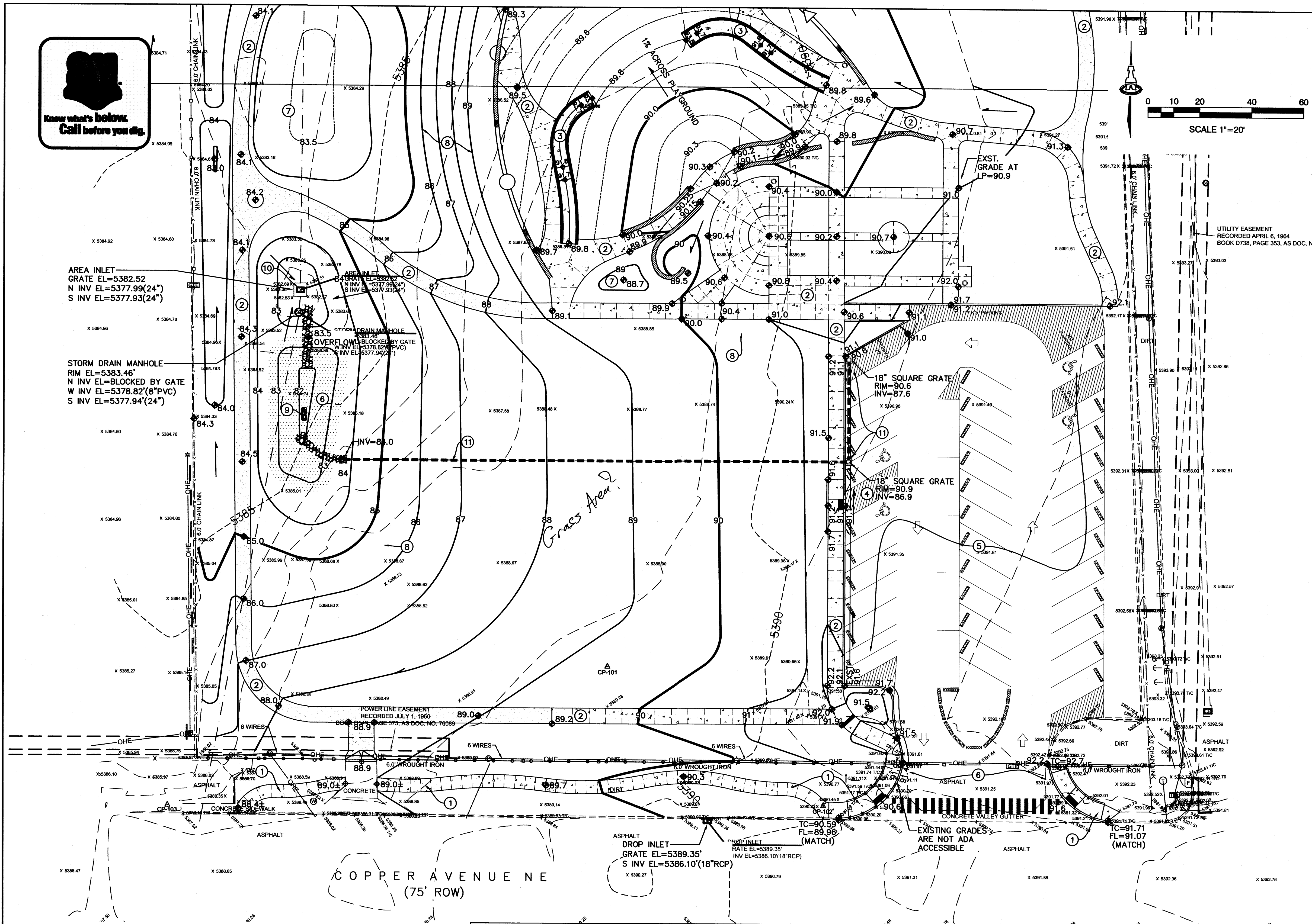
CITY OF ALBUQUERQUE
STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SOUTH LOS ALTOS CHILDREN'S PARK
DRAINAGE AND GRADING PLAN - NORTH

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of	
613592	K-20	4		4

ISAACSON & ARFMAN, P.A.
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128 Monroe Street N.E.
Albuquerque, New Mexico 87108
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2122 CG-101 EPC.dwg Aug 04/2015

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VICINITY MAP

PROJECT DATA

PROPERTY: THE SITE IS A PORTION OF A DEVELOPED PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP K-20. THE SITE IS BOUND TO THE EAST BY SINGLE FAMILY RESIDENTIAL, TO THE NORTH AND WEST BY FULLY DEVELOPED GOVERNMENT PROPERTY AND TO THE SOUTH BY COPPER AVE. N.E.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE REMOVING ASPHALT AND BASE COURSE PAVED AREAS AND REPLACING WITH A CITY PARK WITH PLAYGROUND(S), GRASS FIELDS, ADA COMPLIANT PEDESTRIAN PATHS, ETC.

LEGAL: LOCATED WITHIN "TRACT 3" IN SECTION 20, T. 10 N., R. 4 E., N.M.P.M., COUNTY OF BERNALILLO, CITY OF ALBUQUERQUE, STATE OF NEW MEXICO.

BENCHMARK: A 3 1/4 INCH ALUMINUM DISC STAMPED "14-K20 1990" SET FLUSH WITH THE TOP OF THE CURB. NAVD 88. N:1485201.9420 E:1551107.3220 ELEVATION = 5381.929'

SURVEYOR: WILSON & COMPANY
4900 LANG AVENUE N.E.
ALBUQUERQUE, NM 87109

OFF-SITE: NO OFF-SITE DRAINAGE IMPACTS THIS PROPERTY.

FLOOD HAZARD: PER BERNALILLO COUNTY FIRM MAP NUMBER 35001C0358H, EFFECTIVE ON 08/16/2012, THE SITE IS LOCATED WITHIN FLOODZONE "X" DESIGNATED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.

DRAINAGE PLAN CONCEPT: A FIRST FLUSH RETENTION BASIN WILL BE CONSTRUCTED. OVERALL PROPERTY RUNOFF WILL CONTINUE TO DRAIN TO THE WEST TO ENTER THE EXISTING ON-SITE STORM DRAIN SYSTEM WHICH DISCHARGES TO THE COPPER AVE. STORM DRAIN MAIN. THE ADDITION OF STORMWATER RETENTION BASINS AND WATER HARVESTING AS WELL AS THE REMOVAL OF A LARGE PORTION OF ASPHALT AND BASE COURSE PAVED AREAS WILL REDUCE THE OVERALL DISCHARGE FROM THE PROPERTY.

AS-BUILT INFORMATION

CONTRACTOR	DATE

BENCH MARKS

NO.	DATE	BY

SURVEY INFORMATION

NO.	DATE	BY

ARCHITECTURAL SEAL

REVISIONS

NO.	DATE	BY

REMARKS

NO.	DATE	BY

DESIGNED BY

BJB DATE 12/9/2015

DRAWN BY

BJB DATE 12/9/2015

CHECKED BY

FCA DATE 12/9/2015

RECORD DRAWINGS

DATE: 12/9/2015

PROJECT #613592

100% FOR CONSTRUCTION

DATE: 12/9/2015

ISAACSON & ARFMAN, P.A.

Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 www.isaacson.com

LEGEND

---	EXISTING CONTOUR (1' INCREMENTS)
→	FLOW DIRECTION
72	PROPOSED CONTOUR (1' INCREMENTS)
89.8	PROPOSED CONTOUR (0.1' INCREMENTS)
---	PROPOSED EROSION CONTROL
---	PROPOSED STORM DRAIN
---	FIRST FLUSH RETENTION

KEYED NOTES

THESE KEYED NOTES ARE FOR USE ON GRADING AND DRAINAGE PLANS CG-101 AND CG-102 (NORTH AND SOUTH). SEE CONSTRUCTION PLANS FOR CONSTRUCTION KEYED NOTES.

- NEW PUBLIC SIDEWALK AND RAMPS WITHIN R.O.W. FIELD ADJUST TO ACHIEVE ADA COMPLIANT ACCESS. PROVIDE SMOOTH TRANSITION TO EXISTING.
- NEW ON-SITE WALK AT ELEVATIONS SHOWN. ALL WALKS TO BE ADA ACCESSIBLE (5% MAX SLOPE, 2% MAX CROSS-SLOPE).
- NEW RAMP TO UPPER LEVEL PLAY AREA.
- CONTRACTOR TO VERIFY SLOPES WITHIN HANDICAP PARKING AREA(S) MEET ADA REQUIREMENTS. MAX. SLOPE = 2% IN ANY DIRECTION. NOTIFY ARCHITECT IF NON-COMPLIANT.
- SEE SITE PLAN FOR EXTENTS OF EXISTING PAVED PARKING TO REMAIN AND NEW PAVEMENT.
- CONSTRUCT 18" DEPTH FIRST FLUSH RETENTION POND THIS LOCATION. INSTALL ANGULAR ROCK EROSION PROTECTION AT OVERFLOW AND TO EXTENT SHOWN.
- DEPRESS LANDSCAPING THIS AREA TO ELEVATIONS SHOWN FOR WATER HARVESTING.
- GRADE TRANSITION SLOPES AND BERMS TO ACHIEVE GRADE DIFFERENCES SHOWN. MAXIMUM SLOPE = 6:1.
- INSTALL PERCOLATION TRENCH THIS AREA. SEE DRAINAGE DETAIL SHEET.
- EXISTING STORM DRAIN INLET TO REMAIN. CONTRACTOR TO CLEAN OUT AND FLUSH SYSTEM.
- INSTALL STORM DRAIN SYSTEM THIS AREA. SEE DRAINAGE DETAIL SHEET FOR SIZES / SLOPES / INLET INFORMATION.

MRWM

LANDSCAPE ARCHITECTS
Morrow Reardon Wilkinson Miller, Ltd.
mrwmla.com 505 268 2266

CITY OF ALBUQUERQUE

STRATEGIC PLANNING AND DESIGN
PARKS AND RECREATION DEPARTMENT

SOUTH LOS ALTOS CHILDREN'S PARK - PHASE 1

GRADING AND DRAINAGE PLAN - NORTH

Design Review Committee

City Engineer Approval

City Project No.

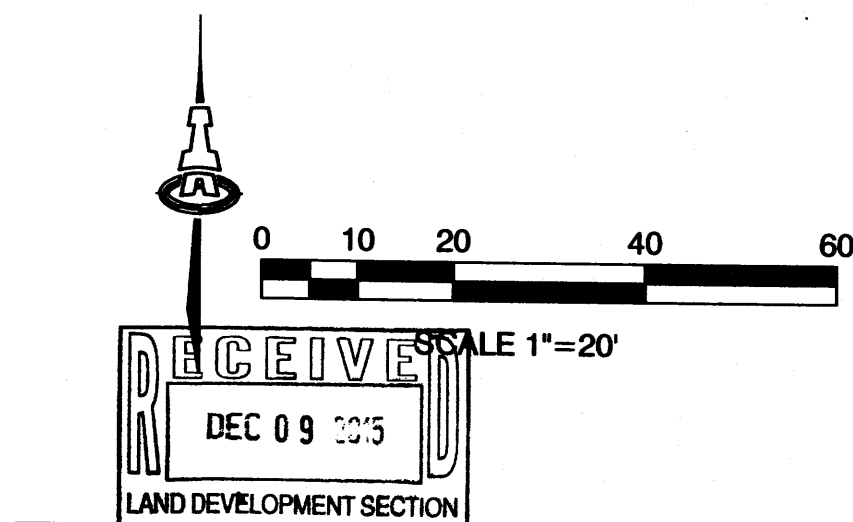
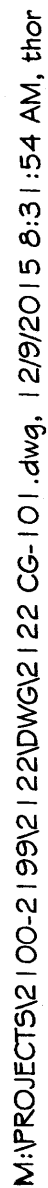
613592

Zone Map No.

K-20

Sheet

5 Of 26



THESE KEYED NOTES ARE FOR USE ON GRADING AND DRAINAGE PLANS CG-101 AND CG-102 (NORTH AND SOUTH). NOT ALL NOTES ARE USED ON EACH SHEET.

- ## LEGEND

- 
- ISAACSON & ARFMAN, P.A.**
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 www.iaicnll.com
- 2122 CG-101.dwg Dec 08,2015


 CITY OF ALBUQUERQUE
 STRATEGIC PLANNING AND DESIGN
 PARKS AND RECREATION DEPARTMENT

SOUTH LOS ALTOS CHILDREN'S PARK - PHASE 1
DRAINAGE AND GRADING PLAN - SOUTH

Design Review Committee	City Engineer Approval
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City Project No. 613592

Zone Map No.
K-20

Sheet	6	Of	26
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RECORD DRAWINGS
DATE:

SOUTH LOS ALTOS CHILDREN'S PARK - PHASE 1

100% FOR CONSTRUCTION
DATE: 12/9/2015

