



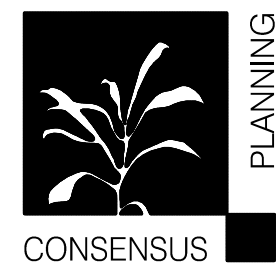
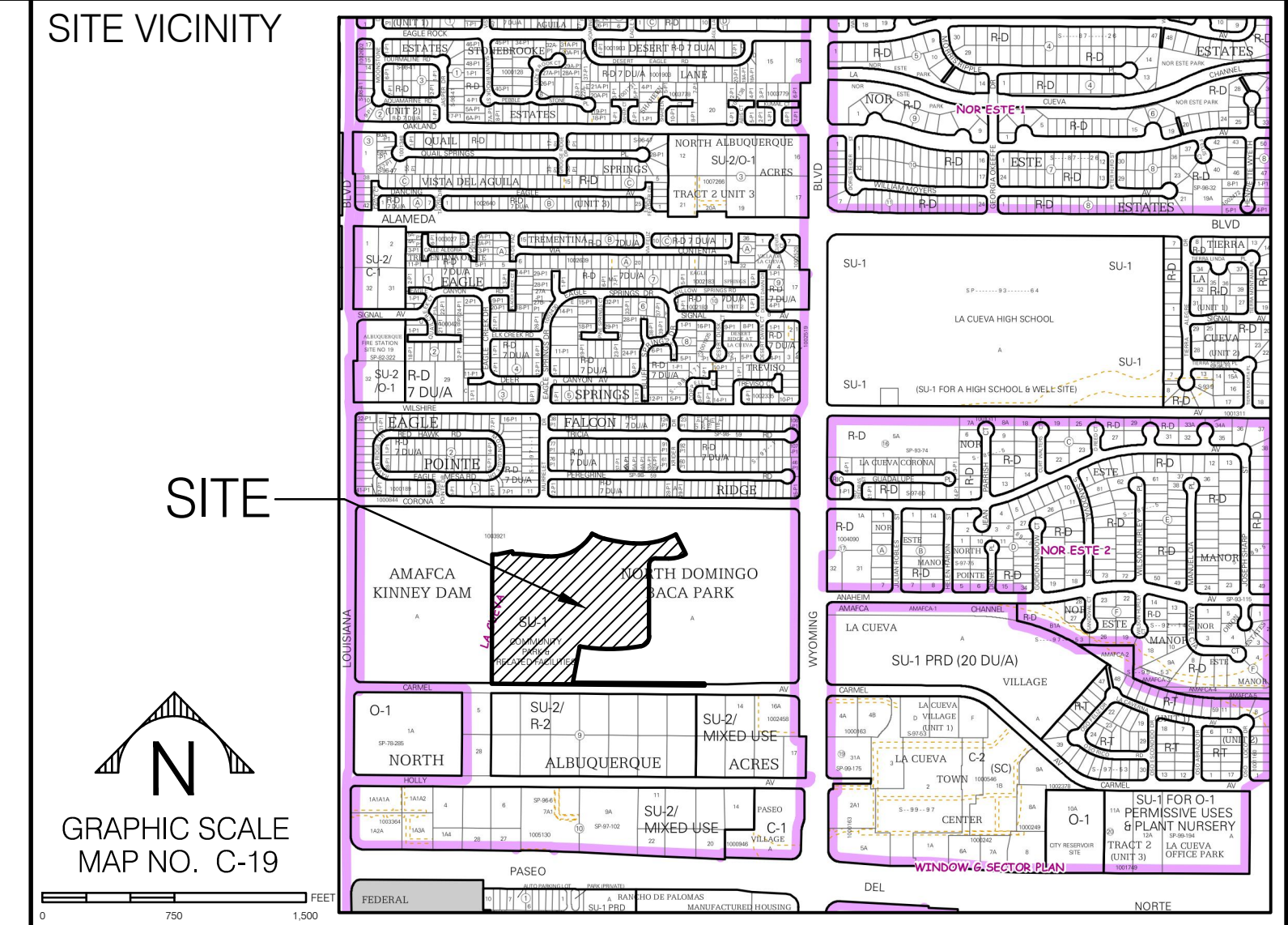
# NORTH DOMINGO BACA PARK

## PHASE 8 RECREATION FIELDS

### CITY OF ALBUQUERQUE

#### PARKS AND RECREATION DEPARTMENT

#### STRATEGIC PLANNING AND DESIGN DIVISION



## CONSENSUS PLANNING, INC.

PLANNING / LANDSCAPE ARCHITECTURE

302 EIGHTH STREET NW

ALBUQUERQUE, NM 87102

(505) 764-9801

### Property Information

Legal Description: North Domingo Baca Park, Tract 1

Meter Address: 8441 Wyoming Boulevard NE

Zoning: SU-1 Community Park & Related Facilities

Total Site Area: 40.8 AC (1,777,170 SF)

Phase 8 Site Area: 20.6 AC (897,016 SF)

### Consultants

Civil Engineering

George Nemeth, P.E.

Smith Engineering Company

2201 San Pedro NE, Bldg. 4, Suite 200

Albuquerque, NM 87110

(505) 884-0700

Electrical Engineering

Al Piehau

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11930 Menaul Blvd NE, Suite 214

Albuquerque, NM 87112

(505) 323-7629

Irrigation Design

Jeff Good

Irrigation Services

44 Good Drive

Belen, NM 87002

(505) 861-1536

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E3 Electrical Details

## REDRAWN FOR RECORD PURPOSES

### RECORD DRAWINGS

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### UTILITY COMPANY CONTACTS

#### ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY (WATER & SEWER)

ANTHONY MONTOYA JR., PE  
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Albuquerque, New Mexico 87103  
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#### NEW MEXICO GAS CO.

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Plant Manager  
5411 Jefferson St. NE, Suite 200  
Albuquerque, New Mexico 87109  
(505) 938-7339

#### McLEOD USA

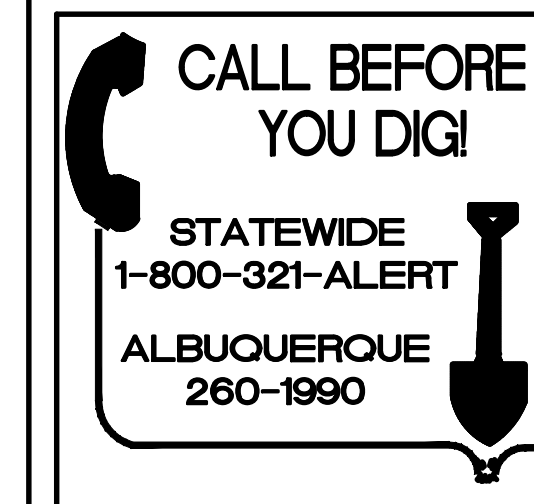
RICK MUELLER  
Supervisor of Outside Techs.  
505 Marquette Ave. NW, Suite 1600  
Albuquerque, New Mexico 87102  
(505) 217-0038

#### LEVEL 3 COMMUNICATIONS, LLC

STEVE GILMAN  
Resource Supervisor  
1025 Eldorado Blvd.  
Broomfield, Colorado 80021  
(720) 888-5920

#### MCI WORLDWIDE

ANDY DARNELL  
Operation Manager  
6001 Midway Park NE  
Albuquerque, New Mexico 87109  
(505) 346-4470



REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVED	ENGINEER		DATE	APPROVED FOR CONSTRUCTION	
		DRC Chairman					
		Transportation					
		Water/Wastewater					
		Hydrology					
		C I P					
		Constr. Mngmt.				CITY ENGINEER	
		Constr. Coord.				DATE	
				PROJECT NUMBER		713897	
				SHEET		G1 OF 29	

FINAL FOR CONSTRUCTION

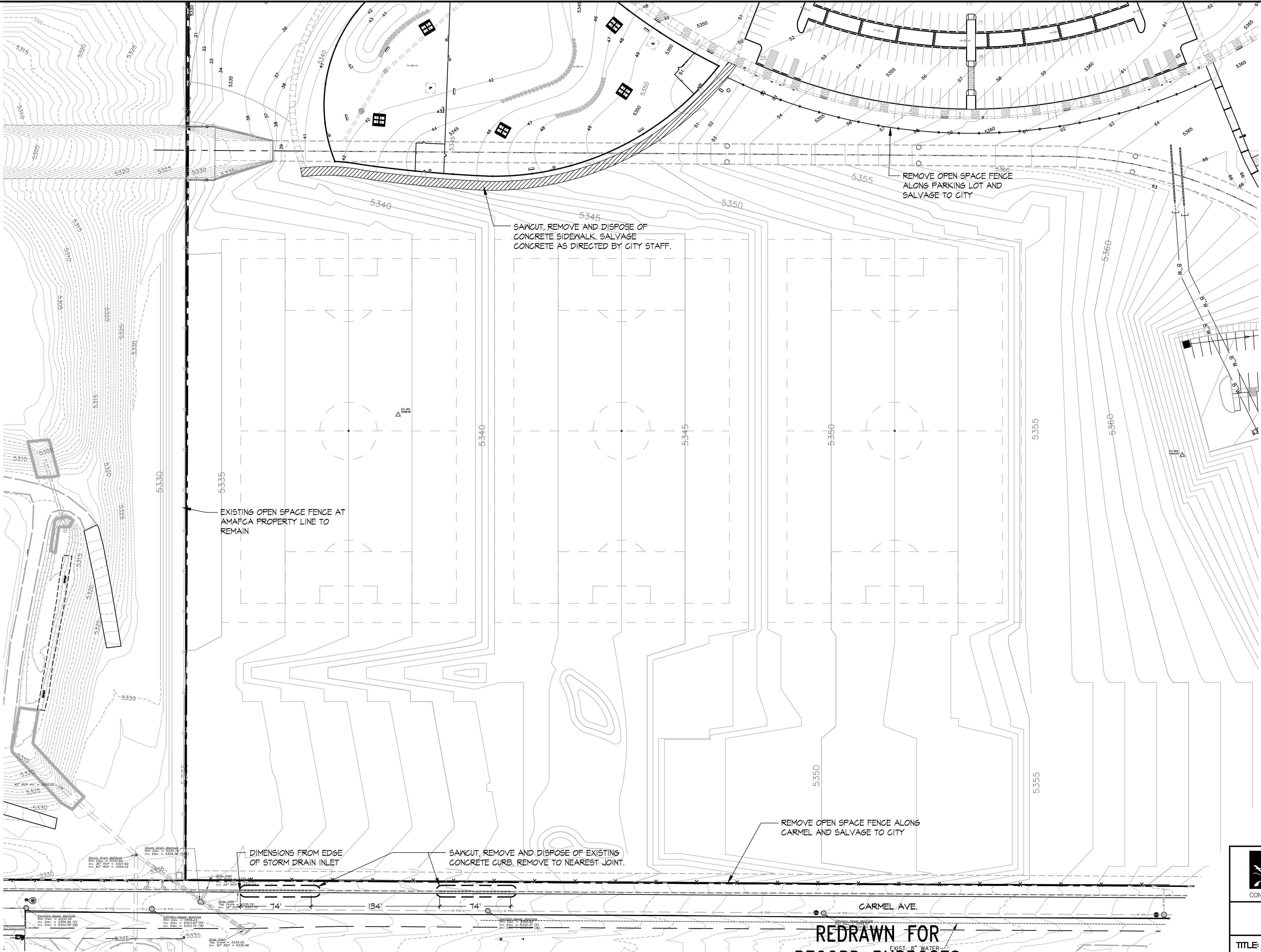
NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS

PROJECT #713897  
AUGUST 2013

RECORD DRAWINGS

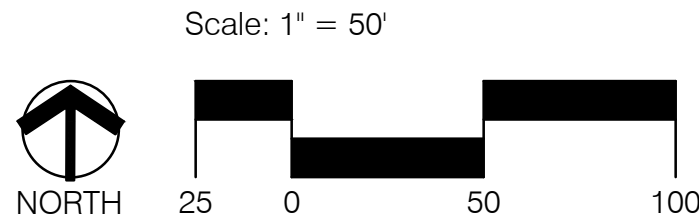






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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
SITE REMOVAL PLAN

Design Review Committee	City Engineer Approval	No. / Day / Yr.	No. / Day / Yr.
City Project No.	713897	Zone Map No.	C-19
		Sheet	S1
		Of	29

ENGINEERS SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		NO.	DATE			CONTRACTOR	
		BY	DATE			WORK BY	DATE
						INSPECTOR'S	DATE
						ACCEPTANCE BY	DATE
						VERIFICATION BY	DATE
						DRAWN BY	DATE
						MICRO-FILM INFORMATION	
						RECORDED BY	DATE
						NO.	

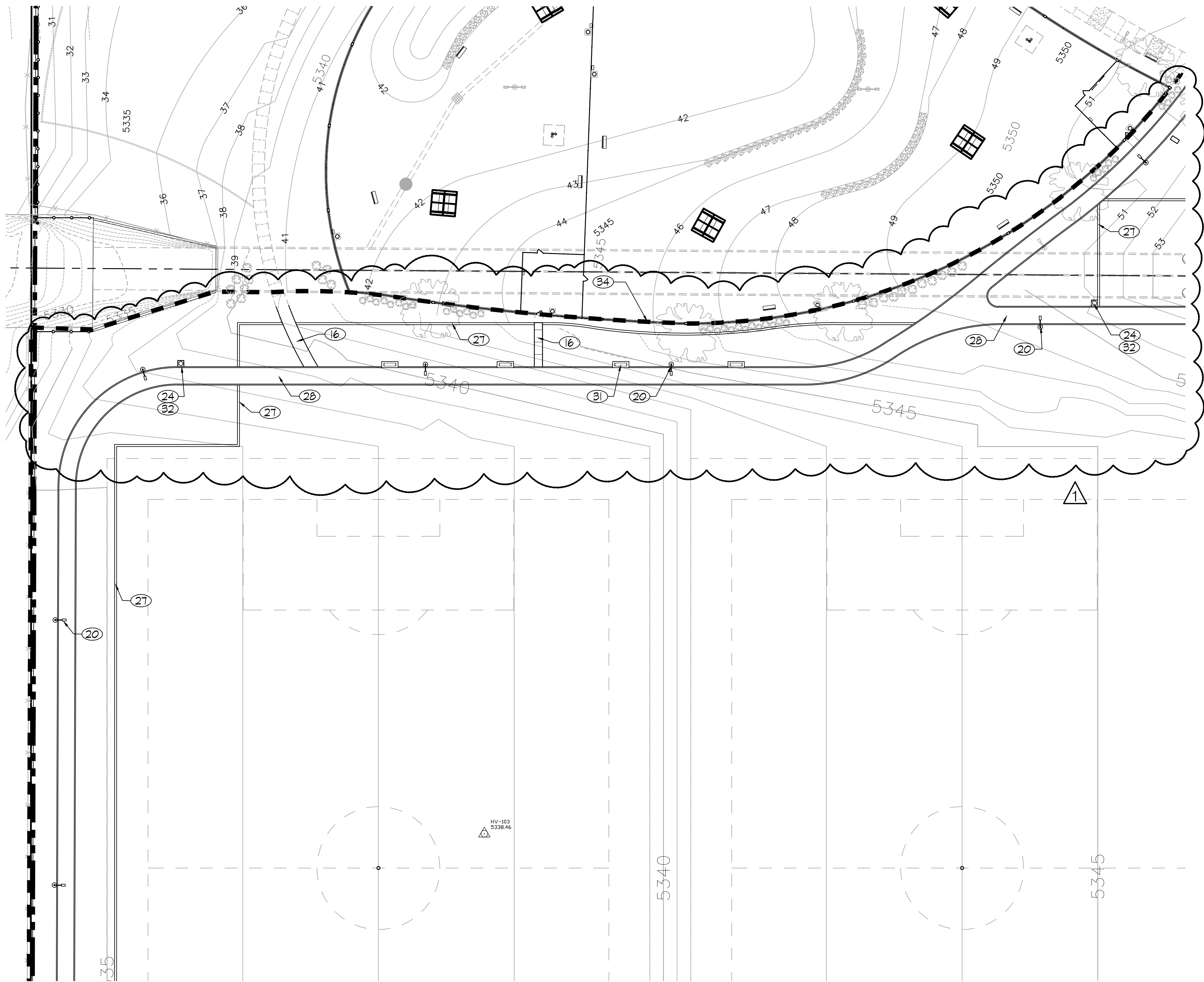
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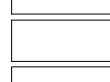
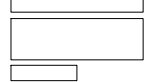

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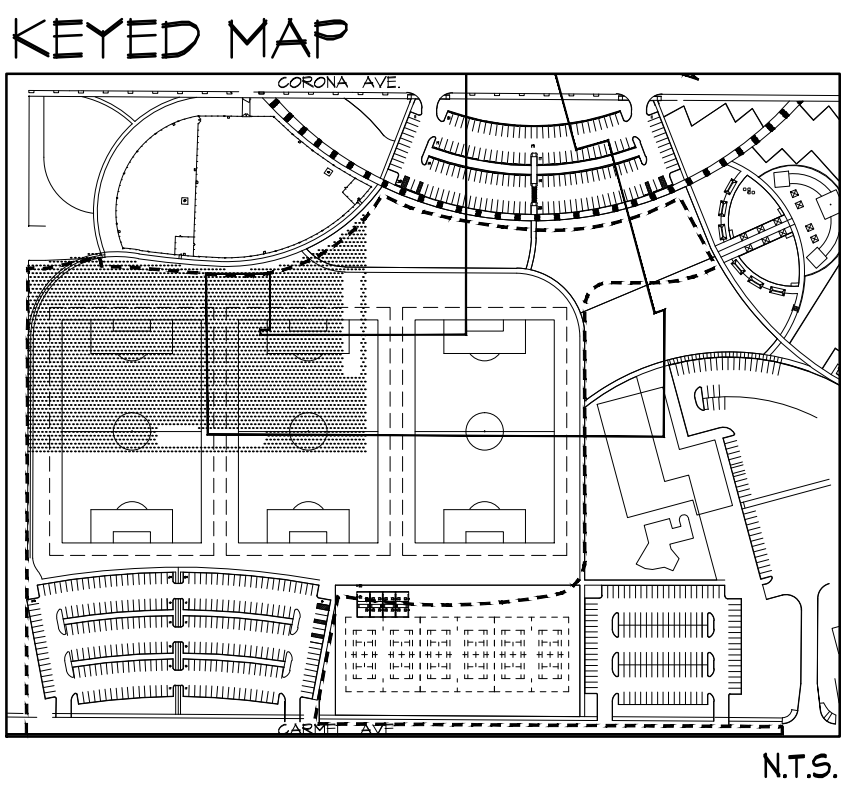
FINAL FOR CONSTRUCTION





SITE AMENITIES LEGEND		
SYMBOL	QTY.	DESCRIPTION
	3	LITCHFIELD 8124P PITTSBURGH SINGLE ROOF DESIGN ALL STEEL 24' SQUARE SHELTER. COLOR: GALVALUME PLUS ROOF W/BLACK FRAME.
	8	MCCCLINTOCK #RSO-25 - TRASH RECEPTACLE. COLOR: BLACK.
	7	DUMOR 165-60PL-S-2 6' SURFACE MOUNT BENCH WITH BACK. COLOR: BLACK FRAME W/CEDAR PLASTIC
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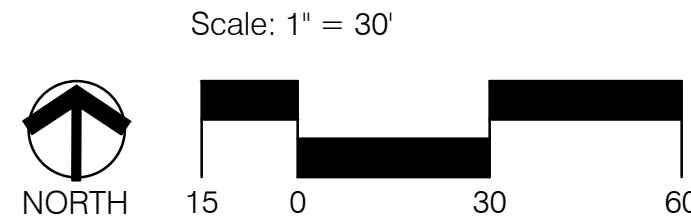
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- 18 CMU WALL, SEE DETAIL 9, SHEET S6.
- 19 RAMADA STRUCTURE, SEE SITE AMENITIES LEGEND, THIS SHEET AND DETAIL 7, SHEET 8.
- 20 LIGHT FIXTURE TYP, SEE ELECTRICAL PLAN.
- 21 ELECTRICAL UTILITY BOXES, SEE ELECTRICAL PLAN.
- 22 EXPANSION JOINT, SEE DETAIL 2, SHEET S6.
- 23 CONTROL JOINT, SEE DETAIL 2, SHEET S6.
- 24 3' X 3' CONCRETE PAD.
- 25 10' X 10' CONCRETE PAD.
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- 27 8' X 12" CONCRETE MONSTRIP, SEE DETAIL 3, SHEET S6.
- 28 ASPHALT PATH PER COA DETAIL 2T22.
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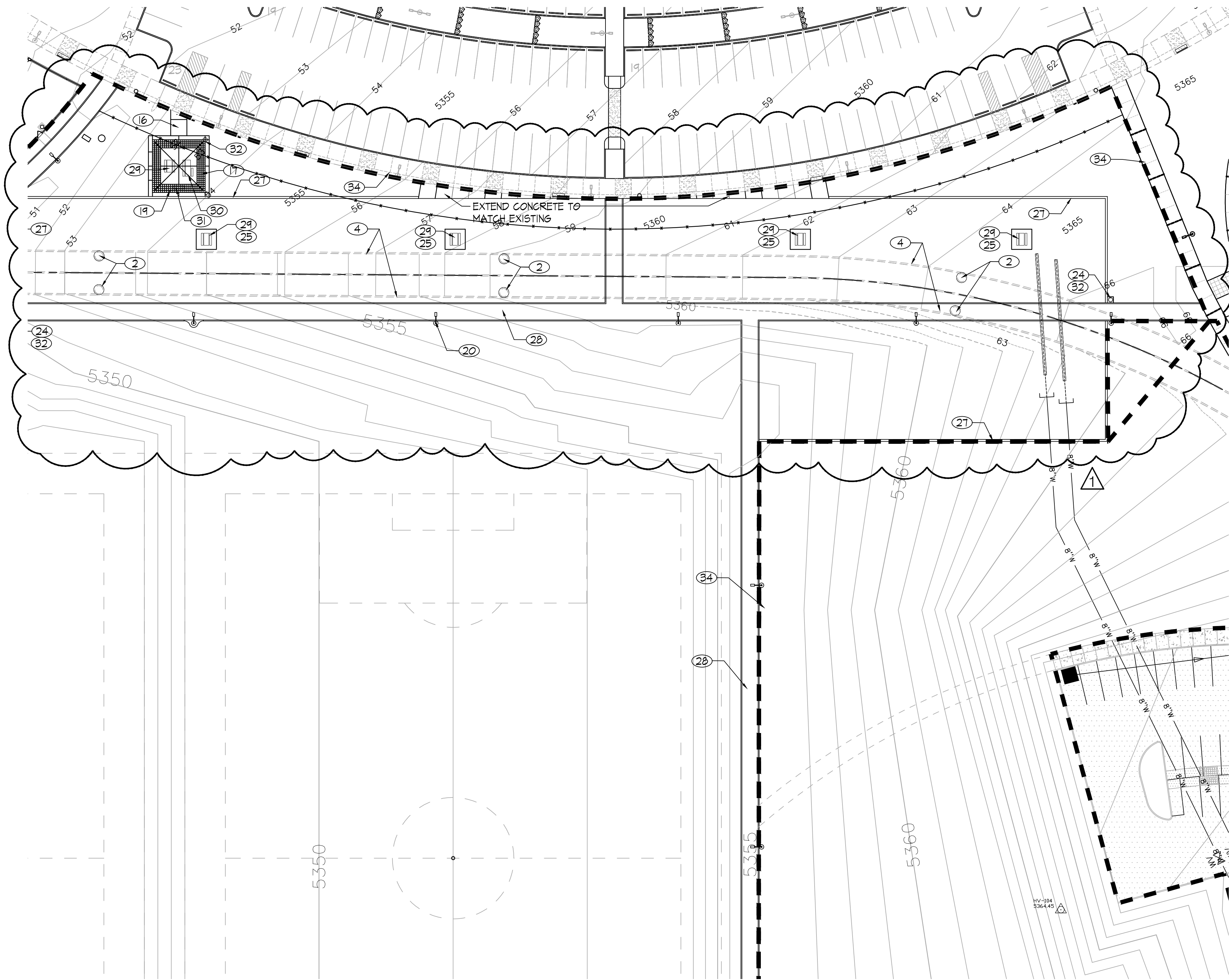
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Design Review Committee	City Engineer Approval	Last Design Update	
City Project No.	713897	Zone Map No.	C-19
Sheet	S2	Of	29





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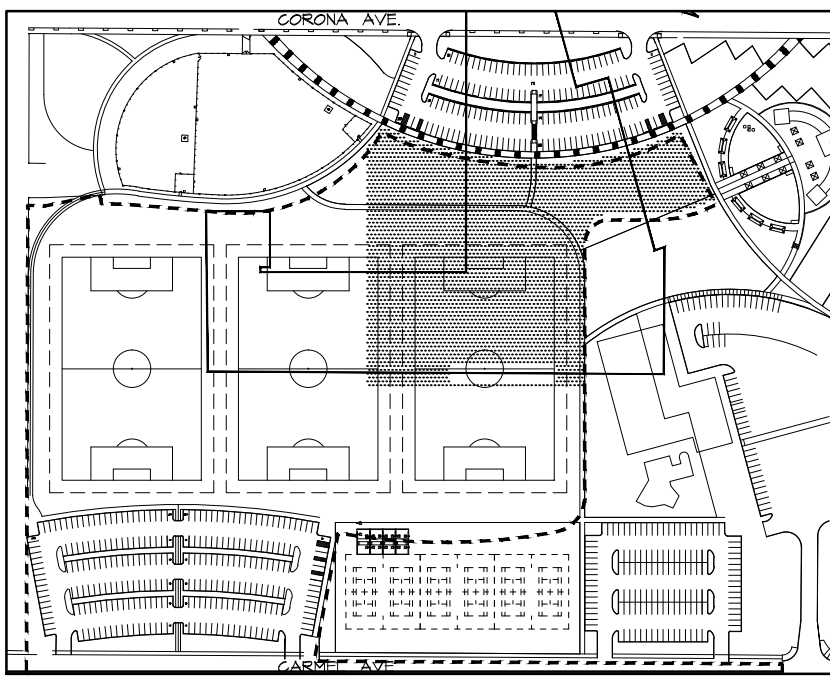
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### KEYED MAP

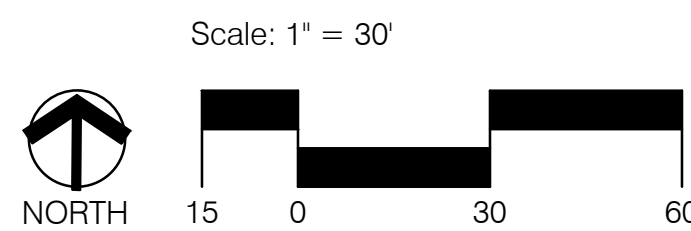


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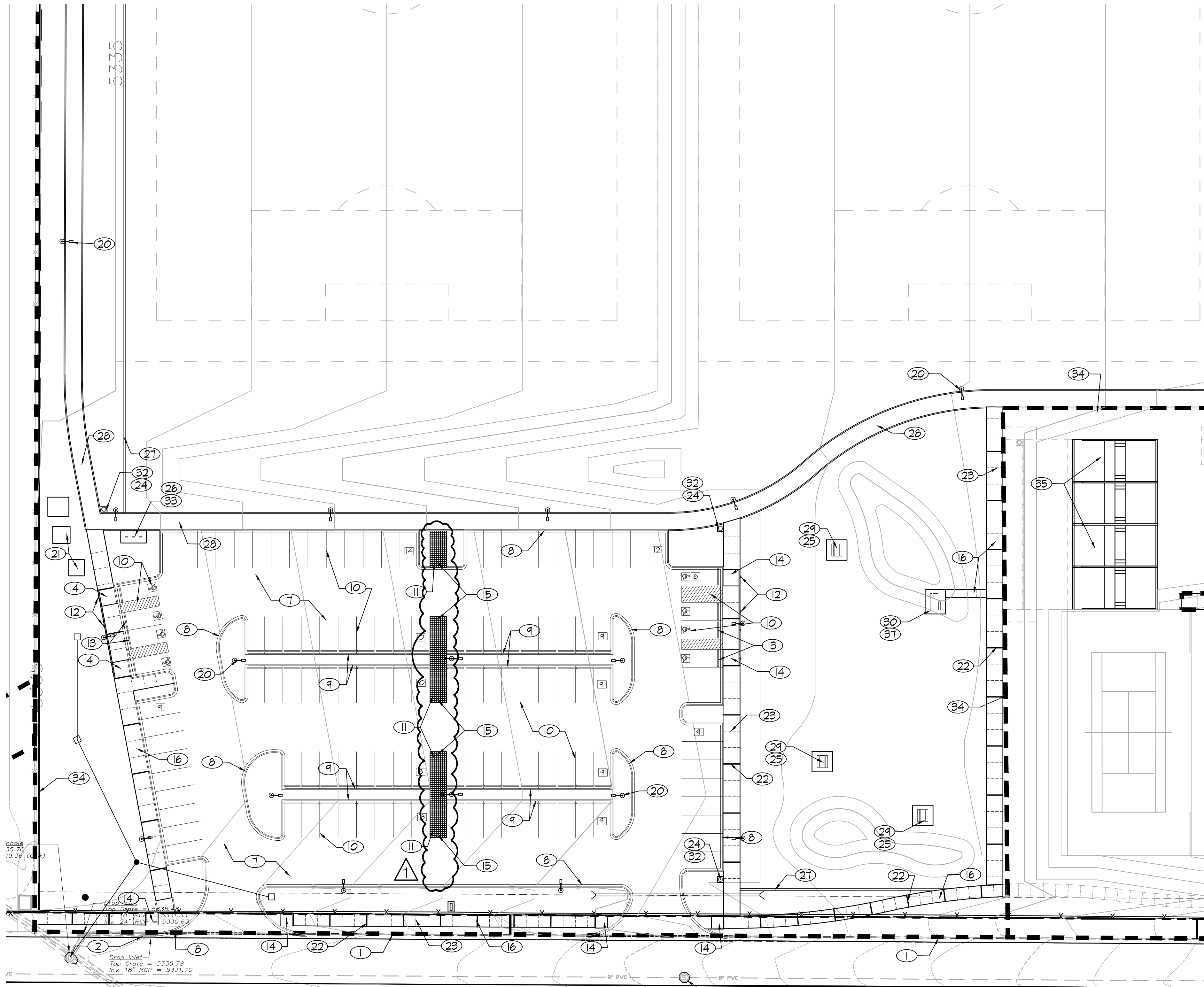


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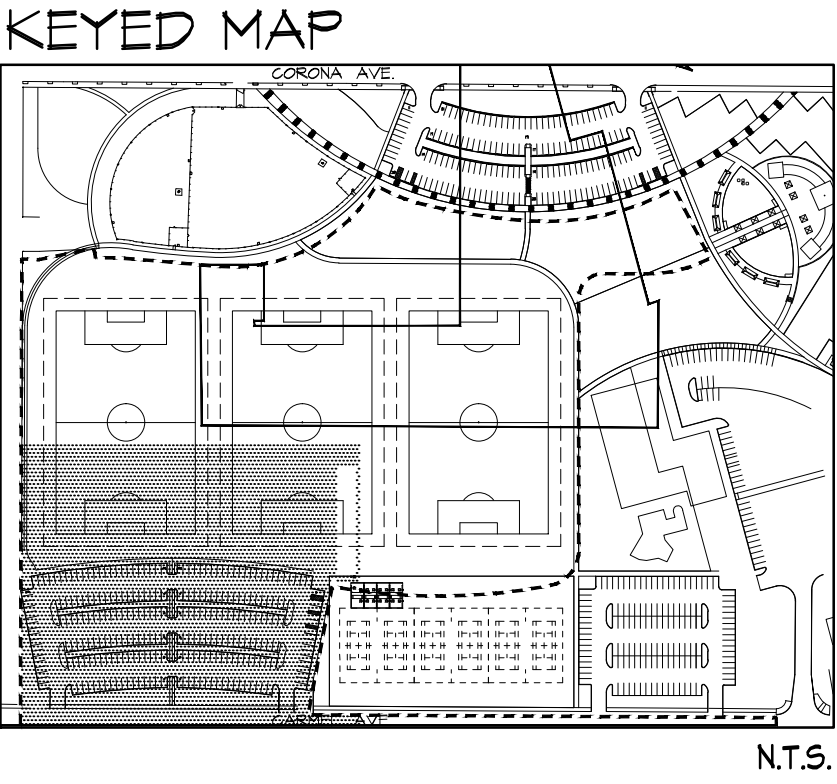




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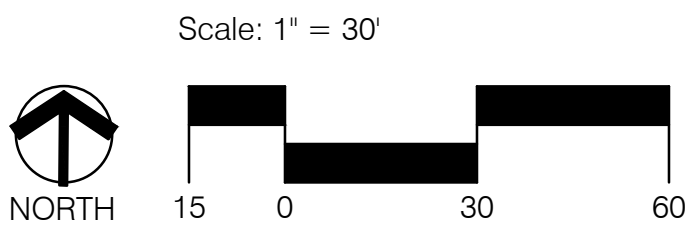


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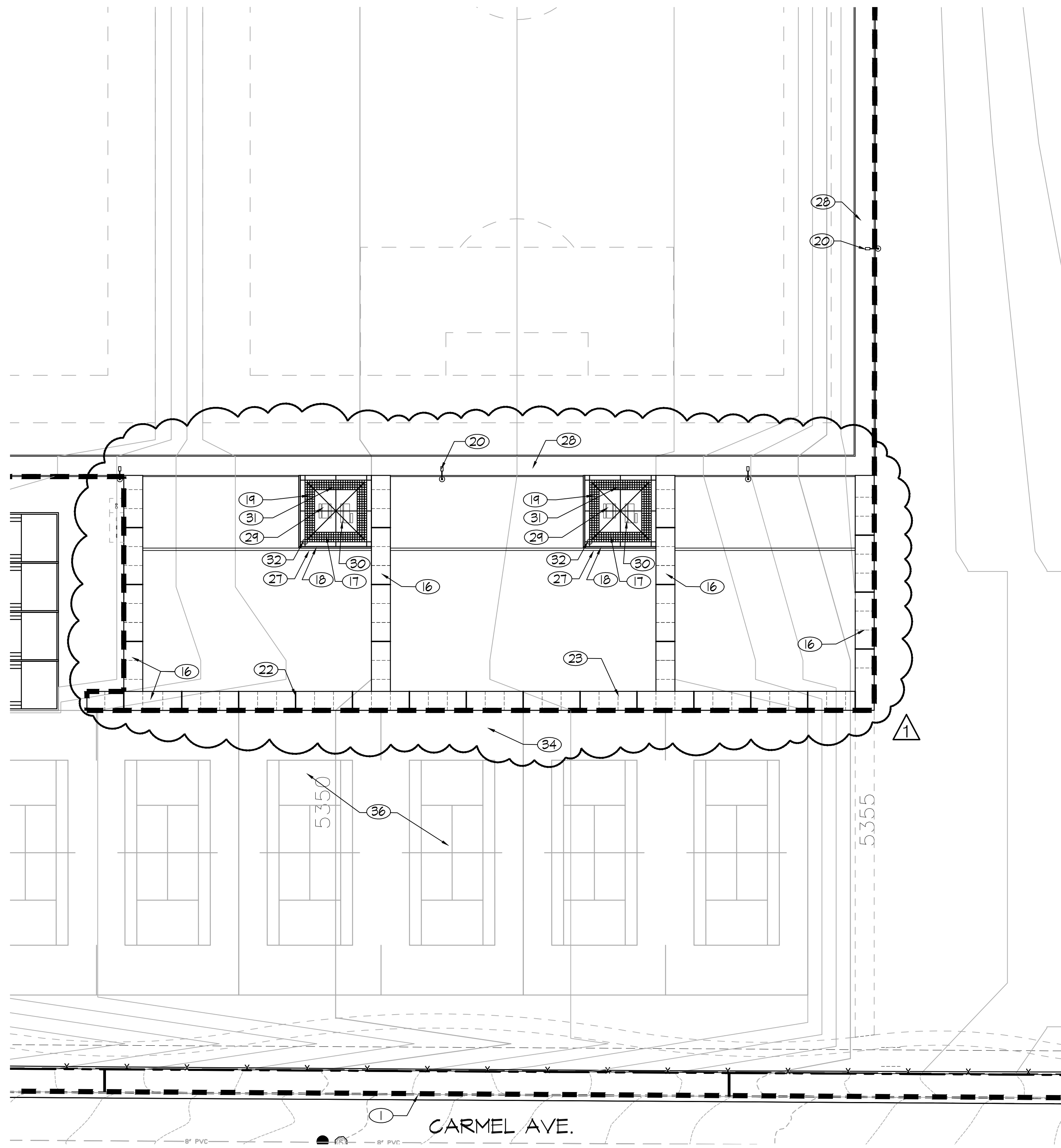
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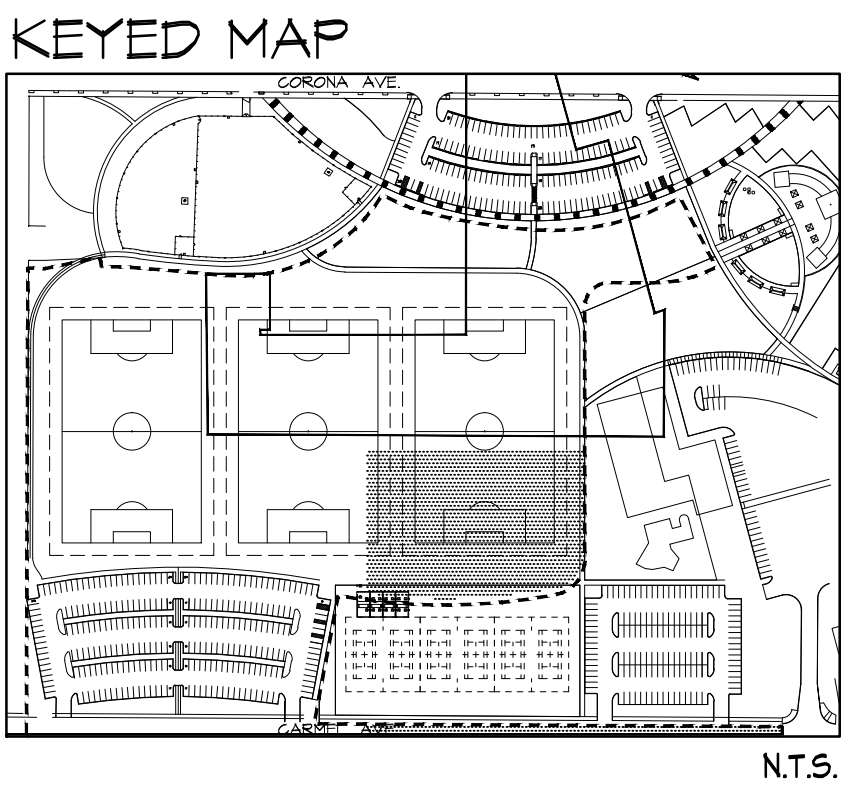




SITE AMENITIES LEGEND	
SYMBOL	DESCRIPTION
	LITCHFIELD 8124P PITTSBURGH SINGLE ROOF DESIGN ALL STEEL 24' SQUARE SHELTER. COLOR: GALVALUME PLUS ROOF W/BLACK FRAME.
	MCCLINTOCK #R50-25 - TRASH RECEPTACLE. COLOR: BLACK.
	DUMOR 165-60PL-S-2 6' SURFACE MOUNT BENCH WITH BACK. COLOR: BLACK FRAME W/CEDAR PLASTIC.
	DUMOR 100-60PL-S-1 6' PICNIC TABLE. COLOR: BLACK FRAME W/CEDAR PLASTIC.
	DUMOR 100-68-HPL-S-1 8' HANDICAP ACCESSIBLE PICNIC TABLE. COLOR: BLACK FRAME W/CEDAR PLASTIC.
	DUMOR 83-00-S-1 36' BIKE LOOP. COLOR: BLACK.
	QUICK CRETE PRODUCTS, INC., GR-1B ROUND CONCRET BOLLARD, 12" DIA. X 30" HT., COLOR: SAND W. MED SAND BLAST FINISH

- GENERAL NOTES
- A CONTRACTOR TO REVIEW AND COORDINATE ALL CONTRACT DOCUMENTS.
- B CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN CONTRACT DOCUMENTS.
- C CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN CONTRACT DOCUMENTS AND FIELD CONDITIONS.
- D CONTRACTOR TO REFER TO ANNOTATED DIMENSIONS ONLY. CONTRACTOR NOT TO SCALE OFF DRAWINGS.
- E LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE, TYP.

- KEYED NOTES
- 1 EXISTING CURB AND GUTTER TO REMAIN.
- 2 EXISTING STORM DRAIN MANHOLE/INLET.
- 3 EXISTING 8" NON-POTABLE IRRIGATION MAINLINE.
- 4 EXISTING BELOW GRADE CONCRETE BOX CULVERT.
- 5 EXISTING OPEN SPACE FENCE TO REMAIN.
- 6 EXISTING OPEN SPACE FENCE TO BE REMOVED.
- 7 ASPHALT PARKING LOT WITH DRIVE PAD
- 8 MEDIAN CURB AND GUTTER, PER COA DWG. 2415B.
- 9 CONCRETE CUTOFF CURB, SEE DETAIL 1, SHEET S6.
- 10 PAINTED ACCESSIBLE PARKING SYMBOL/STRIPING
- 11 PATTERNED CONCRETE CROSSWALK, 6" THICK, 1' X 1' SQUARE PATTERN (MATCH SIMILAR PRODUCT LOCATED IN PARK).
- 12 POLY-MOUNTED AS SIGN, SEE DETAIL 4, SHEET S6.
- 13 8' CONCRETE WHEEL STOP, SEE DETAIL 5, SHEET S6.
- 14 HG RAMP ACCESS TO SIDEWALK.
- 15 BOLLARD, SEE SITE AMENITIES LEGEND, THIS SHEET.
- 16 CONCRETE SIDEWALK PER COA DWG. 2430. (WIDTH VARIES).
- 17 PATTERNED CONCRETE, INTEGRAL COLORED CONCRETE - DAVIS COLORS 'BAJA RED', 1' X 1' SQUARE PATTERN (MATCH SIMILAR PRODUCT LOCATED IN PARK).
- 18 CMU WALL, SEE DETAIL 9, SHEET S6.
- 19 RAMADA STRUCTURE, SEE SITE AMENITIES LEGEND, THIS SHEET AND DETAIL 7, SHEET 8.
- 20 LIGHT FIXTURE TYP, SEE ELECTRICAL PLAN.
- 21 ELECTRICAL UTILITY BOXES, SEE ELECTRICAL PLAN.
- 22 EXPANSION JOINT, SEE DETAIL 2, SHEET S6.
- 23 CONTROL JOINT, SEE DETAIL 2, SHEET S6.
- 24 3' X 3' CONCRETE PAD.
- 25 10' X 10' CONCRETE PAD.
- 26 6' X 12' 6" CONCRETE PAD.
- 27 8" X 12" CONCRETE MONSTRIP, SEE DETAIL 3, SHEET S6.
- 28 ASPHALT PATH PER COA DETAIL 2T22.
- 29 6' PICNIC TABLES, SEE SITE AMENITIES LEGEND.
- 30 8' ACCESSIBLE PICNIC TABLES, SEE SITE AMENITIES LEGEND, THIS SHEET.
- 31 BENCH, TYP, SEE SITE AMENITIES LEGEND, THIS SHEET.
- 32 LITTER RECEPTACLE, TYP, SEE SITE AMENITIES LEGEND, THIS SHEET.
- 33 BIKE RACK, SEE SITE AMENITIES LEGEND, THIS SHEET.
- 34 PHASE B CONSTRUCTION BOUNDARY.
- 35 FUTURE RACQUETBALL COURTS.
- 36 FUTURE TENNIS COURTS.
- 37 10' X 12' CONCRETE PAD.

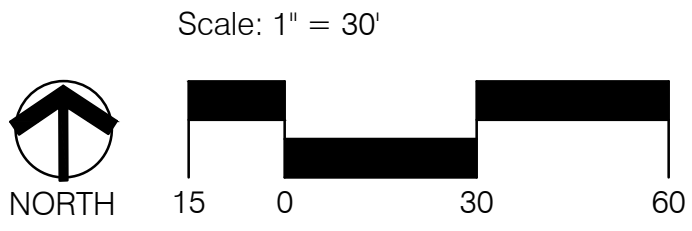


		<b>CONSENSUS PLANNING, INC.</b> Planning / Landscape Architecture 302 Eighth Street NW Albuquerque, NM 87102 (505) 764-9801 Fax 842-5495 e-mail: cp@consensusplanning.com	
CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN			
TITLE: NORTH DOMINGO BACA PARK - PHASE 8 SITE PLAN			
Design Review Committee		City Engineer Approval	
City Project No. 713897		Zone Map No. C-19	
Sheet S5		Of 29	

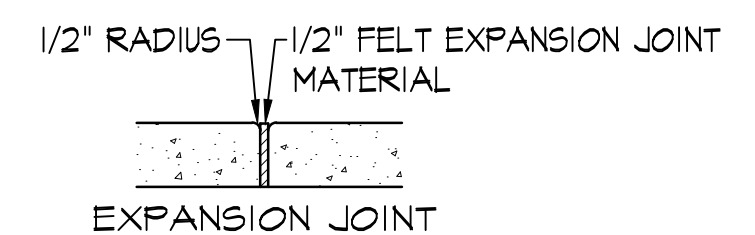
REDRAWN FOR  
RECORD PURPOSES

RECORD DRAWINGS

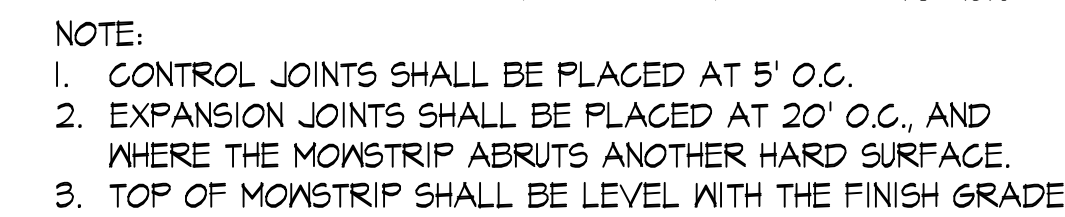
THIS RECORD DRAWING HAS BEEN PREPARED, BASED UPON INFORMATION FURNISHED BY THE CONTRACTOR. THE DESIGN PROFESSIONAL HAS NOT INDEPENDENTLY REVIEWED THE ACCURACY OF THE INFORMATION PROVIDED. THESE RECORD DRAWINGS ACCURATELY DEPICT THE FIELD CHANGES WHICH WERE REPORTED BY THE CONTRACTOR.



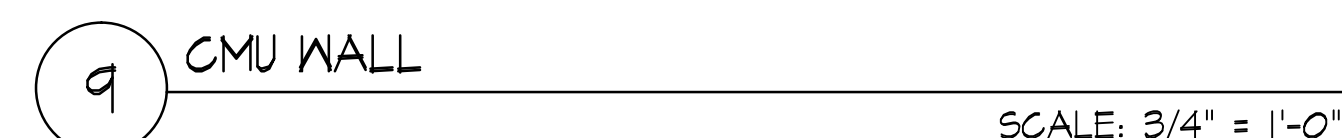
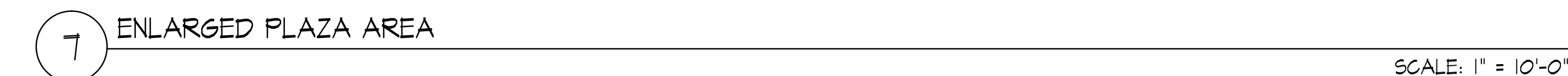




## 2 CONCRETE JOINTS



3 CONCRETE MOWSTRIP



TITLE:	NORTH DOMINGO BACA PARK - PHASE 8 SITE DETAILS
--------	---

City Engineer Approval
------------------------

Zone Map No.	C-19
--------------	------

Sheet	S6	of	29
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<i>AS BUILT INFORMATION</i>	
CONTRACTOR	
WORK STARTED BY	DATE
INSPECTOR'S COMPLIANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
<i>MICRO-FILM INFORMATION</i>	
RECORDED BY	DATE
NO.	

[illegible]

Δ	2-15-12	REVISIONS PER CITY COMMENTS		
NO.	DATE	REMARKS	BY	
<i>REVISIONS</i>				
<i>DESIGN</i>				
DESIGNED BY CG	DATE	12/11		
DRAWN BY MA	DATE	12/11		
CHECKED BY A	DATE			

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RECORD PURPOSES

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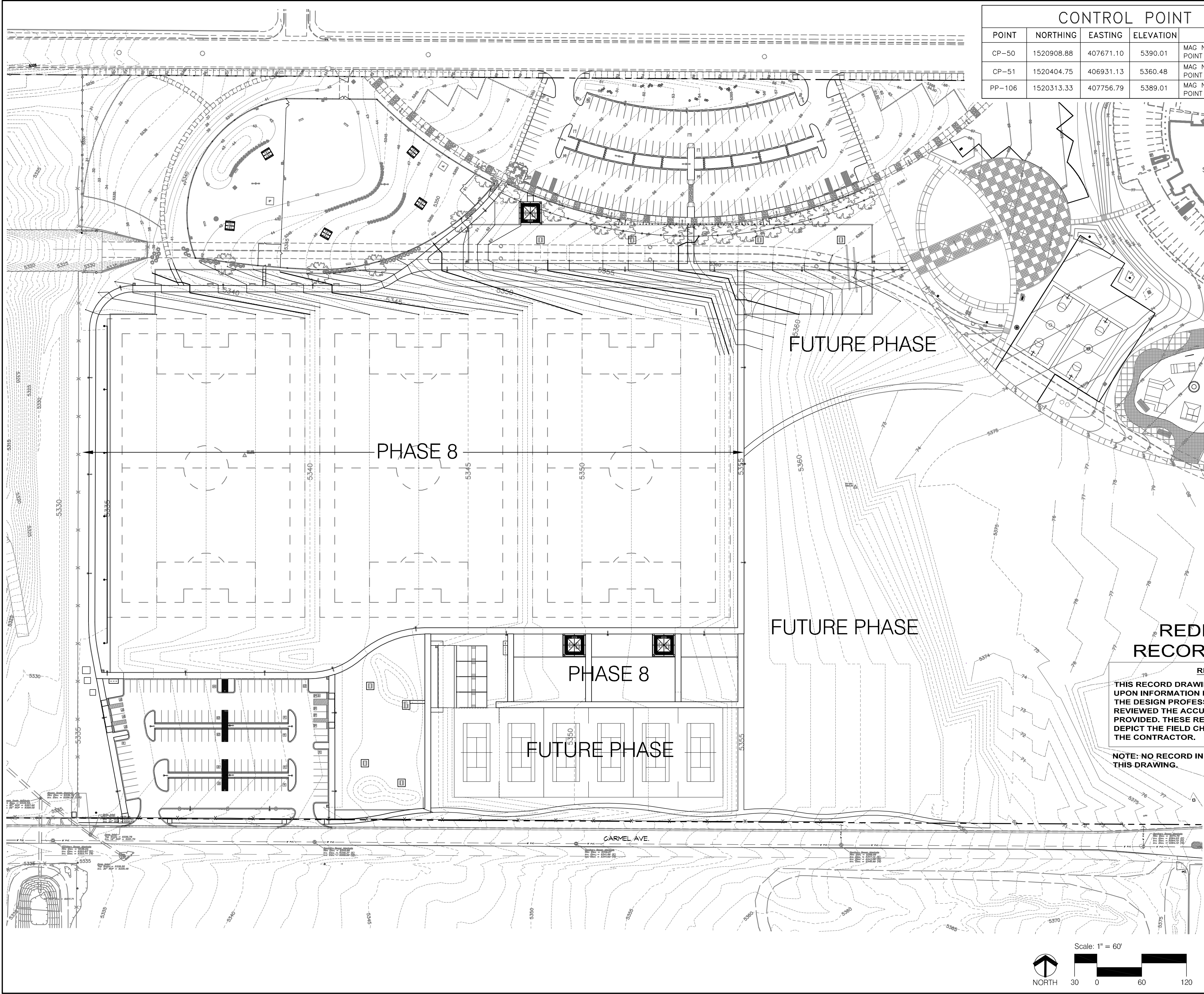
**FINAL FOR CONSTRUCTION**

# NORTH DOMINGO BACA PARK PHASE 8 RECREATION FIELDS

**PROJECT #713897**  
**AUGUST 2013**

## RECORD DRAWINGS





CONTROL POINT INFORMATION					
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTOR	GENERAL LOCATION
CP-50	1520908.88	407671.10	5390.01	MAG NAIL W/WASHER "CONTROL POINT NMP5 11599"	WYOMING BETWEEN CARMEL AND CORONA
CP-51	1520404.75	406931.13	5360.48	MAG NAIL W/WASHER "CONTROL POINT NMP5 11599"	CARMEL BETWEEN WYOMING AND LOUISIANA
PP-106	1520313.33	407756.79	5389.01	MAG NAIL W/WASHER "CONTROL POINT NMP5 11599"	WYOMING AND CARMEL

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RECORD PURPOSES

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NOTE: NO RECORD INFORMATION WAS PROVIDED FOR THIS DRAWING.

PLANNING  
CONSENSUS  
CONSENSUS PLANNING, INC.  
Planning / Landscape Architecture  
302 Eighth Street NW  
Albuquerque, NM 87102  
(505) 764-9801 Fax 842-5495  
e-mail: cp@consensusplanning.com

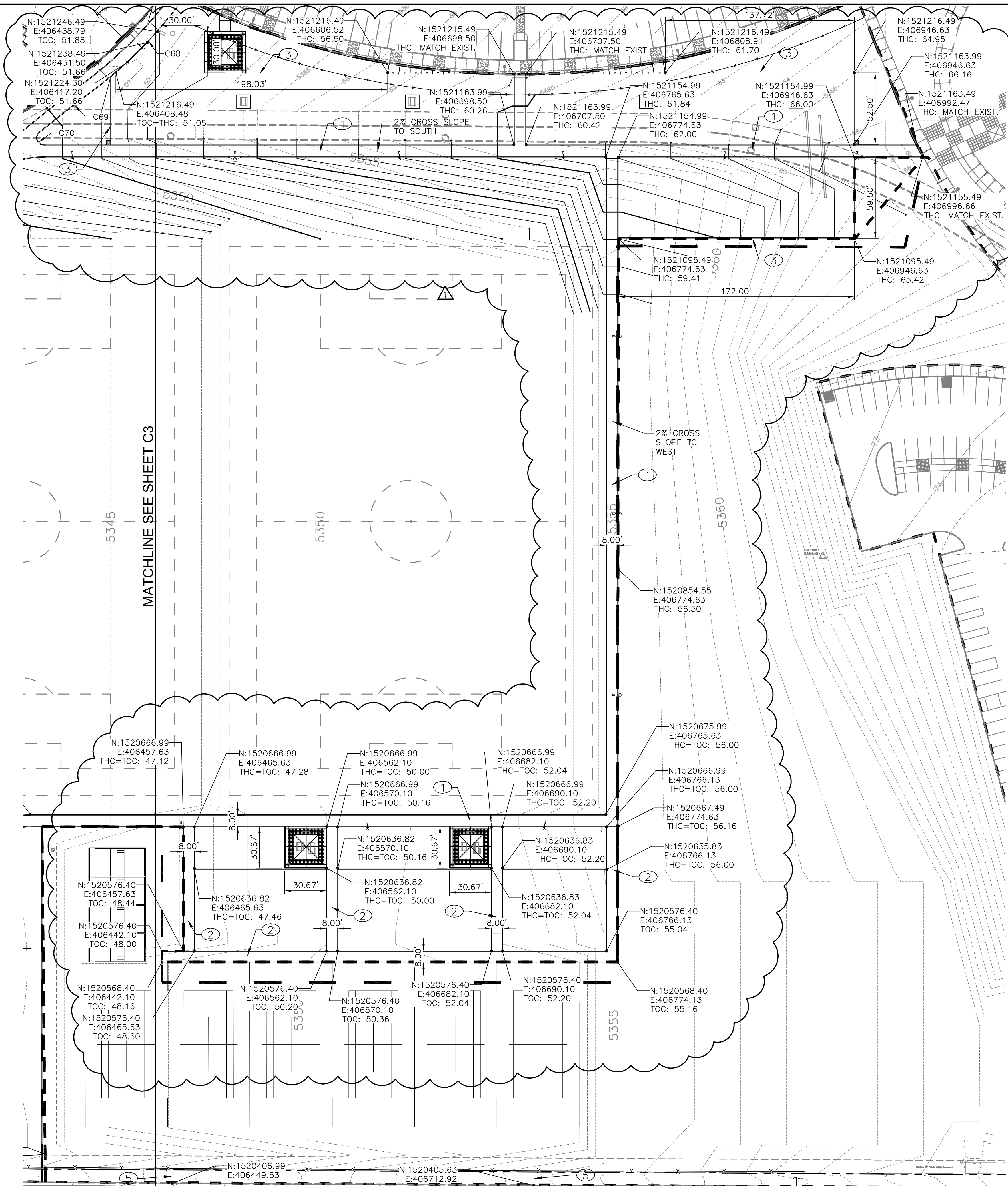
CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
OVERALL SITE PLAN

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.
City Project No.	713897	Zone Map No.	C-19
Sheet	C1	Of	

DESIGN										PHASE 8										N									
Mo. / Day / Yr.										Mo. / Day / Yr.										Mo. / Day / Yr.									
</																													





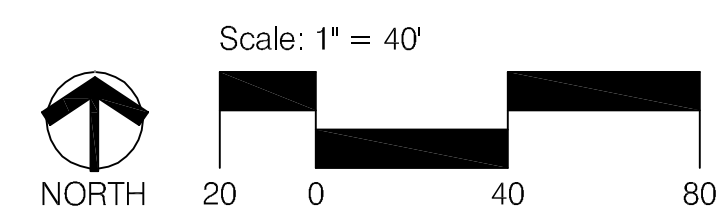
CARMEL AVENUE  
SITE LAYOUT PLAN - EAST

## REDRAWN FOR RECORD PURPOSES

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### GENERAL NOTES:

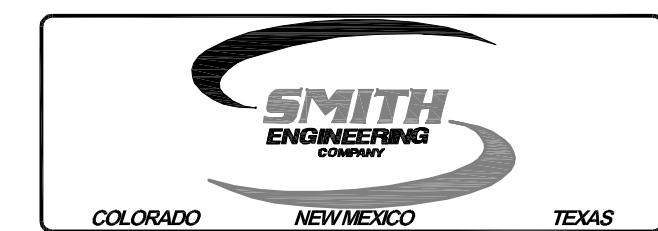
1. SEE SHEET C10 FOR CURVE DATA.

### KEYED NOTES:

- ① BUILD ASPHALT SIDEWALK. SEE LANDSCAPE PLANS FOR DETAIL.
- ② BUILD CONCRETE SIDEWALK. SEE LANDSCAPE PLANS FOR DETAIL.
- ③ BUILD HEADER CURB. SEE LANDSCAPE PLANS FOR DETAIL.
- ④ NOT USED.
- ⑤ CUT CURB TO DRAIN INTO SWALE. SEE DETAIL ON SHEET C7.

### LEGEND

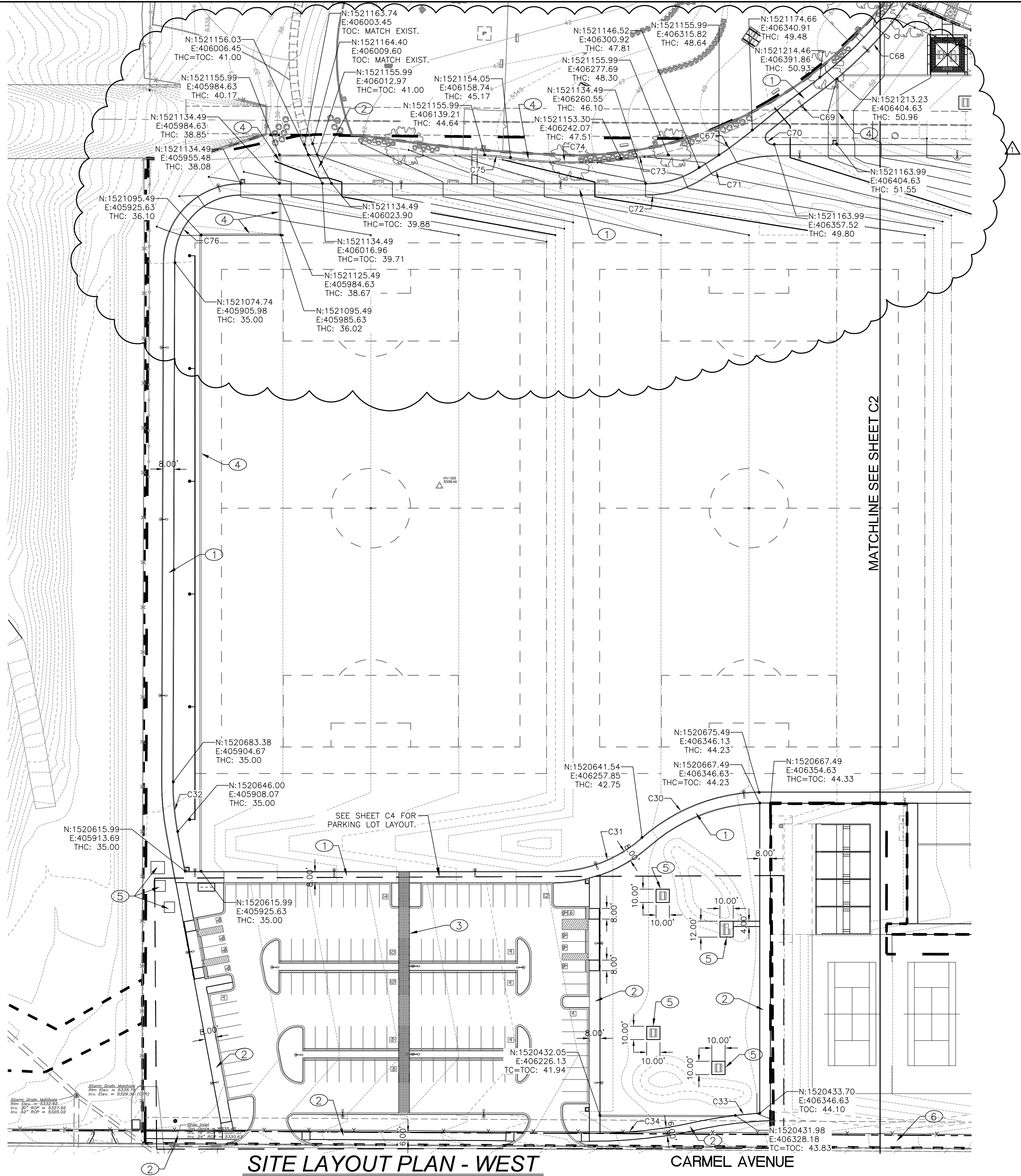
- PHASE 8 BOUNDARY
- FL FLOWLINE  
TC TOP OF CURB  
THC TOP OF HEADER CURB  
TOC TOP OF CONCRETE  
N NORTHING  
E EASTING  
C CURVE



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e-mail: cp@consensusplanning.com

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN			
TITLE:		NORTH DOMINGO BACA PARK - PHASE 8 SITE LAYOUT PLAN - EAST	
Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.
City Project No.	Zone Map No.	Sheet	
713897	C-19	C2	



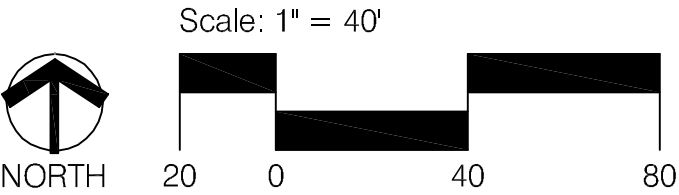


REDRAWN FOR  
RECORD PURPOSES

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NOTE: NO RECORD INFORMATION WAS PROVIDED FOR THIS DRAWING.



GENERAL NOTES:

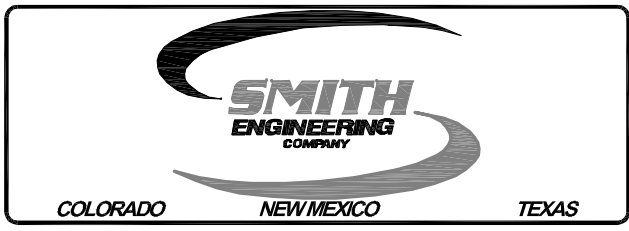
1. SEE SHEET C10 FOR CURVE DATA.

KEYED NOTES:

- 1 BUILD ASPHALT SIDEWALK. SEE LANDSCAPE PLANS FOR DETAIL.
- 2 BUILD CONCRETE SIDEWALK. SEE LANDSCAPE PLANS FOR DETAIL.
- 3 BUILD PATTERNED CONCRETE SIDEWALK. SEE LANDSCAPE PLANS FOR DETAIL.
- 4 BUILD HEADER CURB. SEE LANDSCAPE PLANS FOR DETAIL.
- 5 BUILD CONCRETE PAD. SEE LANDSCAPE PLANS FOR DETAILS.
- 6 CUT CURB TO DRAIN INTO SWALE. SEE DETAIL ON SHEET C7.

LEGEND

- PHASE 8 BOUNDARY
- FL FLOWLINE
- TC TOP OF CURB
- THC TOP OF HEADER CURB
- TOC TOP OF CONCRETE
- N NORTHING
- E EASTING
- C CURVE



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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
SITE LAYOUT PLAN - WEST

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.
City Project No.	713897	Zone Map No.	C-19
		Sheet	C3

AS BUILT INFORMATION

BENCH MARKS

SURVEY INFORMATION

ENGINEERS SEAL

GN

REVISIONS DUE TO SIDEWALK CHANGE

2/12

BY

REMARKS

DESIGN

NO. DATE

DESIGNED BY P/C

DRAWN BY SEC

CHECKED BY GN

DATE 12/12

DATE 12/12

DATE 12/12

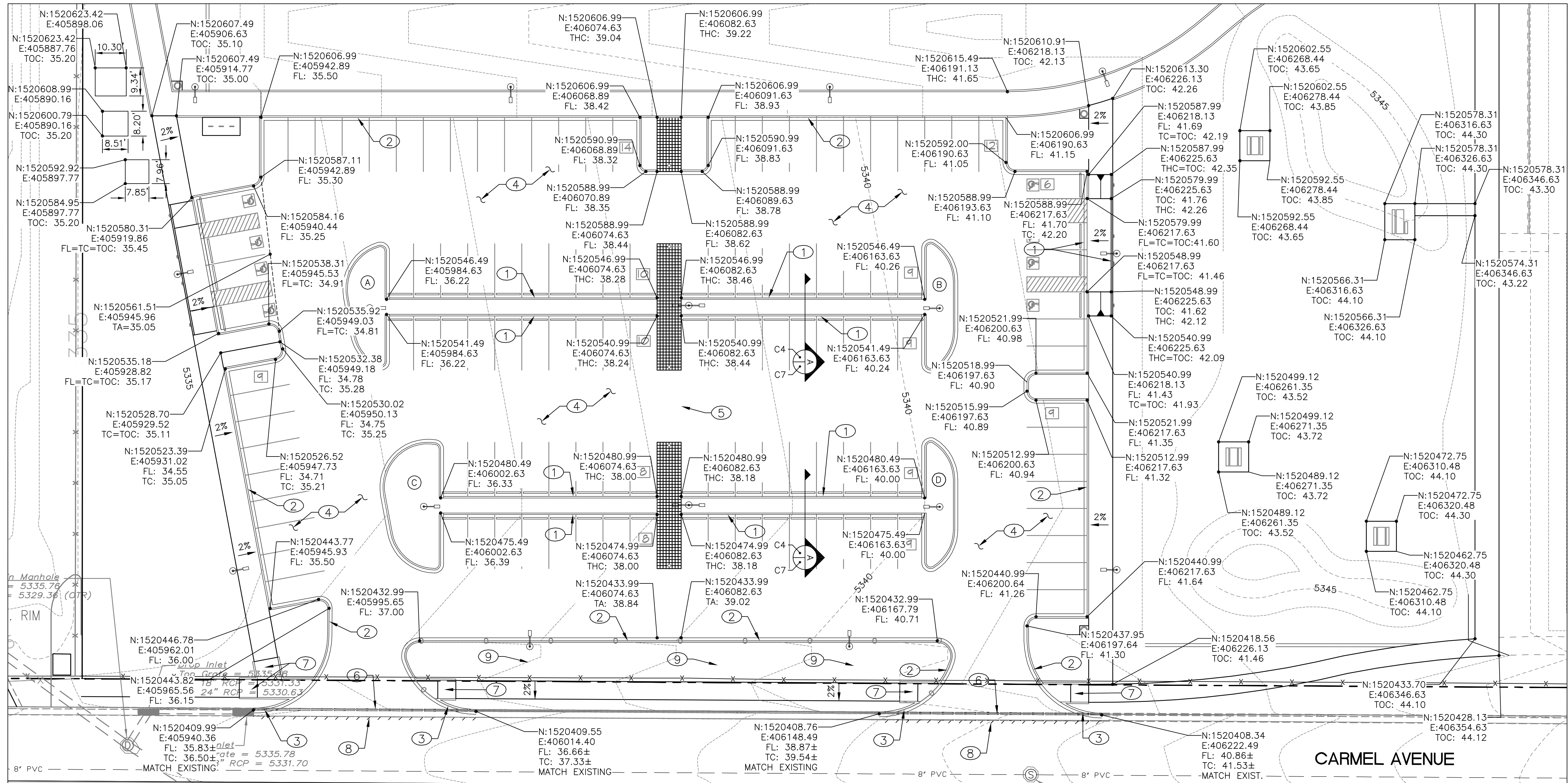
DATE

DATE

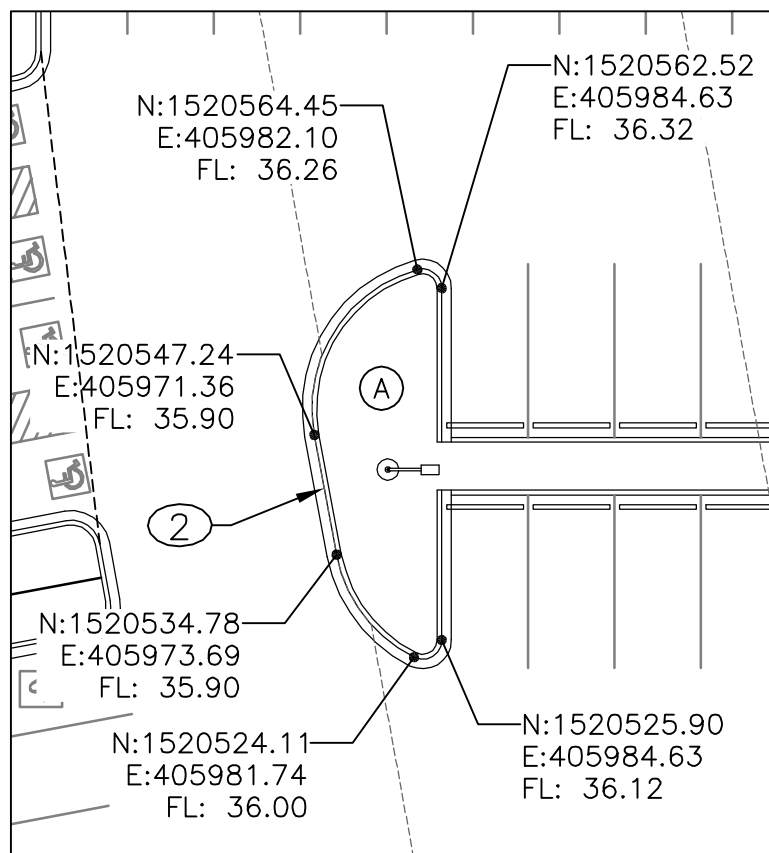
DATE

DATE

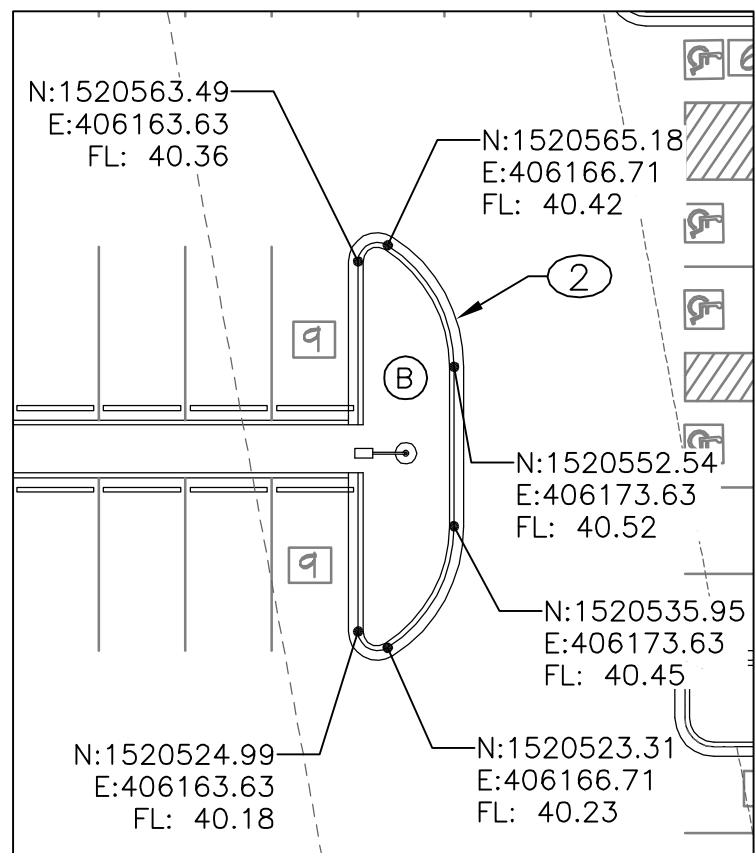
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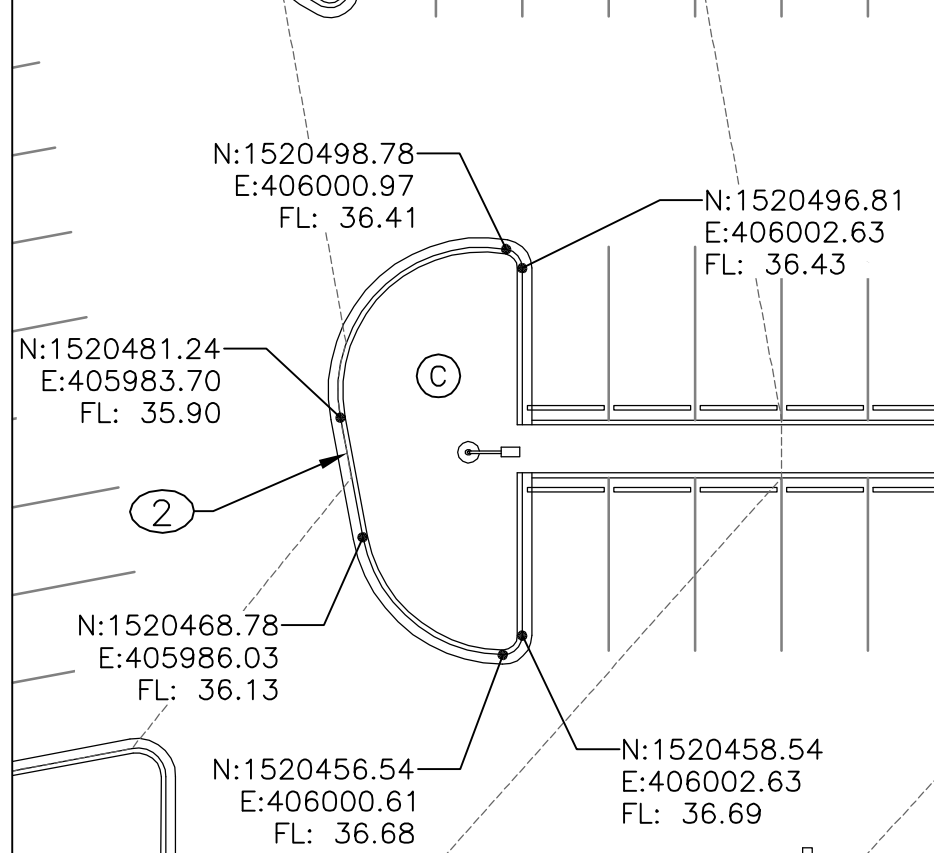
PARKING LOT LAYOUT PLAN



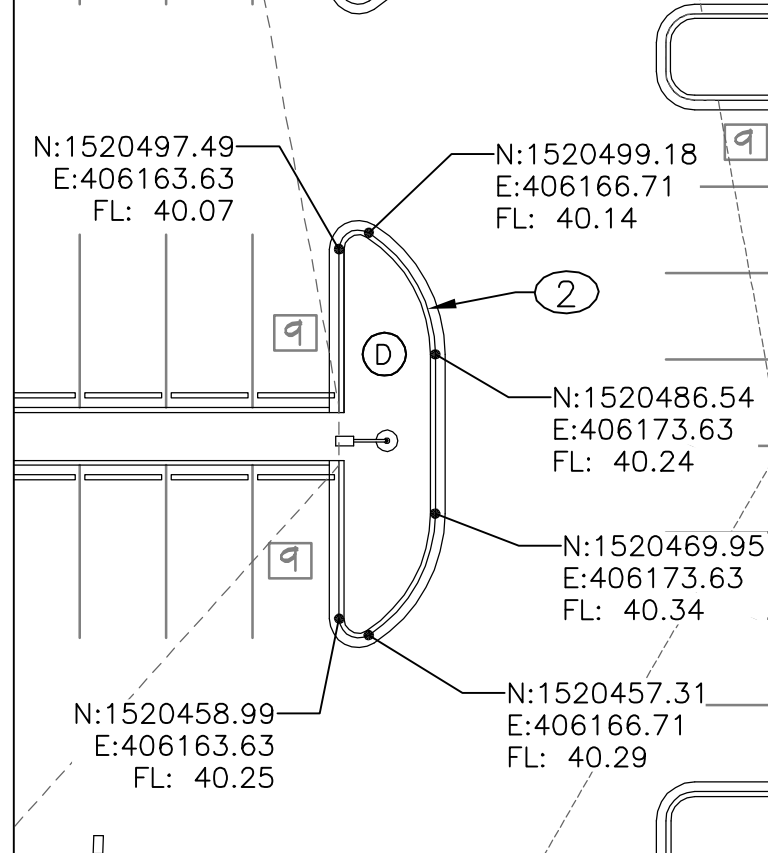
NW PARKING ISLAND



NE PARKING ISLAND



SW PARKING ISLAND

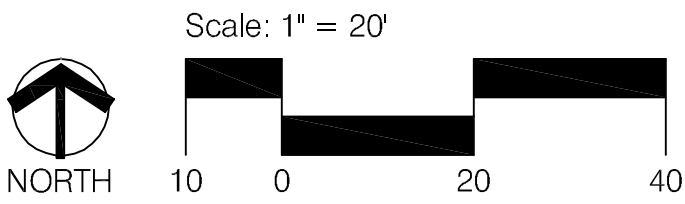


SE PARKING ISLAND

REDRAWN FOR  
RECORD PURPOSES

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GENERAL NOTES:

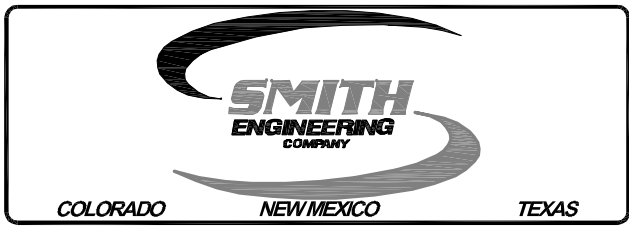
- 1. SEE SHEET C10 FOR CURVE DATA.

KEYED NOTES:

- 1. CONSTRUCT HEADER CURB. SEE COA STD DWG 2415B.
- 2. CONSTRUCT MEDIAN CURB AND GUTTER. SEE COA STD DWG 2415B.
- 3. CONSTRUCT STANDARD CURB AND GUTTER. SEE COA STD DWG 2415A.
- 4. ASPHALT PAVEMENT. SEE TYPICAL PAVEMENT SECTION ON SHEET C7.
- 5. PATTERNED CONCRETE WALKWAY. SEE LANDSCAPE PLANS FOR DETAIL.
- 6. CONSTRUCT NEW 6' WIDE VALLEY GUTTER PER COA STD. DWG. 2420 AND PER LAYOUT AND GRADING ON SHEET C7.
- 7. CONSTRUCT ADA CURB ACCESS RAMP.
- 8. SAWCUT, REMOVE & REPLACE ASPHALT PAVEMENT. 1' ASPHALT PATCH PER COA STD. DWG. 2465.
- 9. BUILD BOULDER CHECK DAM.

LEGEND

- FL FLOWLINE
- TC TOP OF CURB
- TOC TOP OF CONCRETE
- THC TOP OF HEADER CURB
- TA TOP OF ASPHALT
- N NORTHING
- E EASTING
- C CURVE

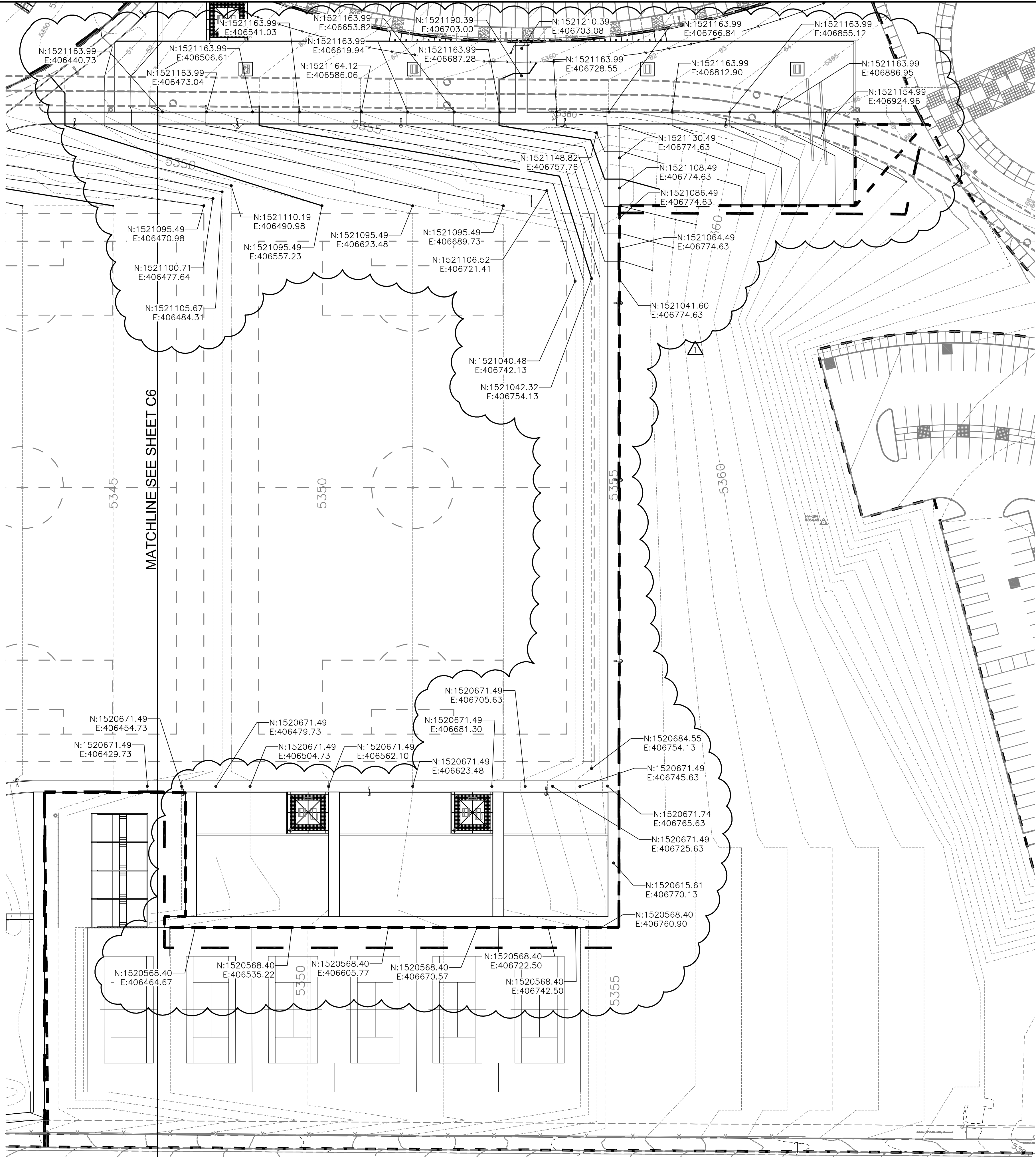


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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN  
TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
SITE LAYOUT PLAN - PARKING LOT

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.
City Project No. 713897	Zone Map No. C-19	Sheet C4	





GRADING AND DRAINAGE PLAN - EAST

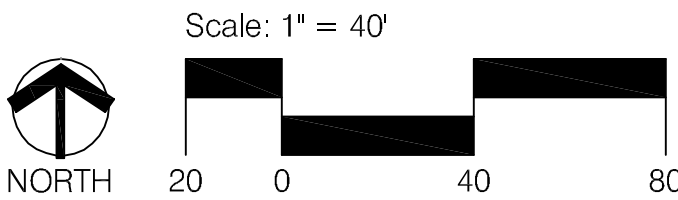
CARMEL AVENUE

REDRAWN FOR  
RECORD PURPOSES

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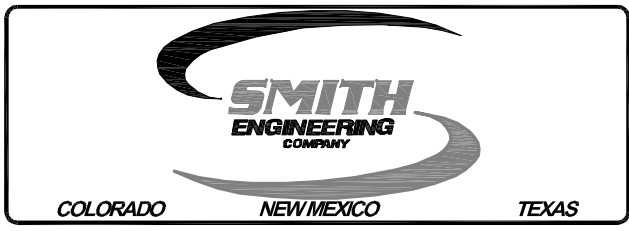
NOTE: NO RECORD INFORMATION WAS PROVIDED FOR THIS DRAWING.



GENERAL NOTES:

LEGEND

- PHASE 8 BOUNDARY
- FL FLOWLINE
- TC TOP OF CURB
- TOC TOP OF CONCRETE
- N NORTHING
- E EASTING
- C CURVE



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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
SITE GRADING AND DRAINAGE PLAN - EAST

Design Review Committee

City Engineer Approval

City Project No.

713897

Zone Map No.  
C-19

Sheet  
C5

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STARTED BY	DATE
ACCEPTANCE BY	DATE
FIELD LOCATION BY	DATE
DRAWINGS CORRECTED BY	DATE

BENCH MARKS

U.S. COAST & GEODETIC SURVEY TRIANGULATION STATION	STATION
"HEAVEN". STANDARD USC&GS BRASS CAP IN CONCRETE	
STAMPED "HEAVEN 1969". BRASS CAP IS SUBSURFACE	
MONUMENT FOR THE ORIGINAL STATION "HEAVEN". STATION	
IS LOCATED SOUTH SIDE PASEO DEL NORTE, 325 FEET +/-	
WEST OF WYOMING AT BACK OF SIDEWALK.	

SURVEY INFORMATION

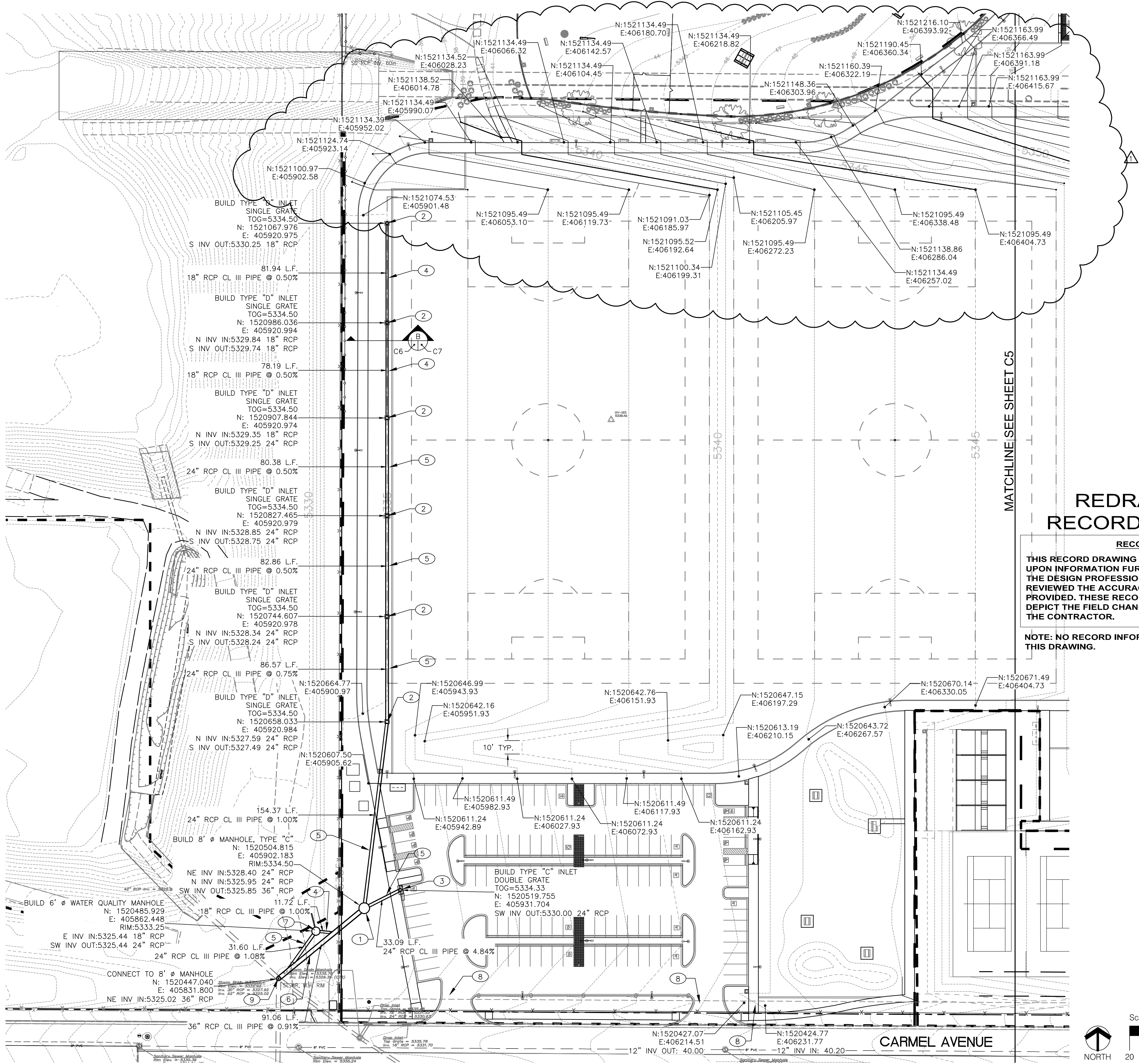
FIELD NOTES	DATE
NO. BY	DATE
11599 SURVEYING CONTROL INC.	10/20/2010

ENGINEERS SEAL

REVISIONS DUE TO SIDEWALK CHANGE	GN
2/12	

REVISIONS

NO.	DATE	REMARKS	BY
		DESIGN	
		DATE 12/12	
		DATE 12/12	
		DATE 12/12	



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RECORD PURPOSES

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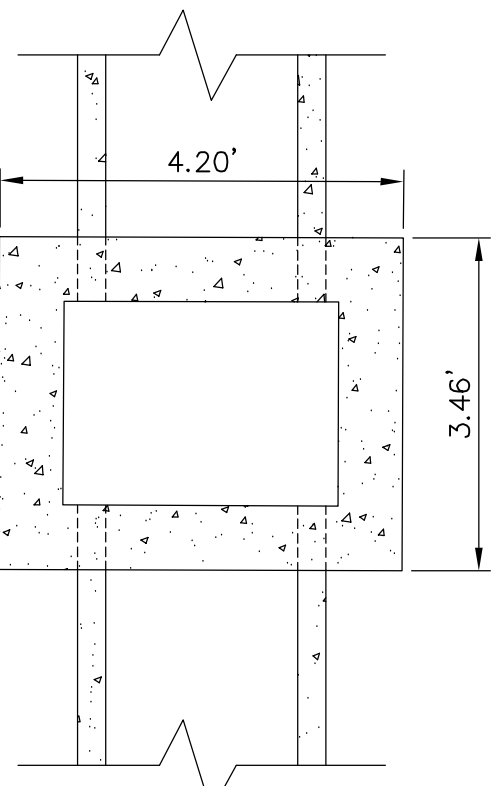
KEYED NOTES:

- BUILD 8' Ø TYPE "C" MANHOLE PER COA STD. DWG. 2101. INSTALL PERFORATED LID & FRAME. NEENAH MODEL R-1788-B OR APPROVED EQUAL.
- BUILD TYPE "D" STORM INLET PER COA STD. DWG. 2206.
- BUILD TYPE DOUBLE "C" STORM INLET PER COA STD. DWG. 2205.
- 18" RCP CL III PIPE.
- 24" RCP CL III PIPE.
- 36" RCP CL III PIPE.
- BUILD 6' Ø WATER QUALITY MANHOLE PER AMAFCA STD. DWG. 301. SEE SHEET C8 & C9.
- INSTALL 12" CMP.
- CONTRACTOR SHALL NOTIFY ENGINEER UPON OPENING EXISTING MANHOLE. ENGINEER WILL INSPECT EXISTING MANHOLE AND VERIFY SIZE. IF MANHOLE DIA. IS LESS THAN 8", BUILD NEW 8' Ø TYPE "C" MANHOLE PER COA STD. DWG. 2101. OTHERWISE, CONNECT NEW 36" RCP STORM DRAIN TO EXISTING MANHOLE.

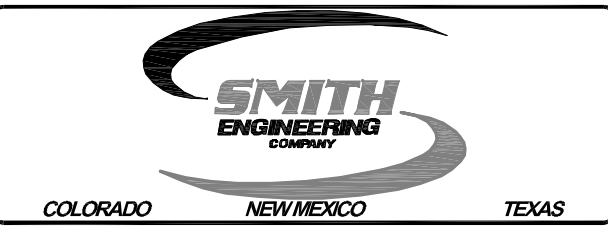
LEGEND

- PHASE 8 BOUNDARY
- FL FLOWLINE  
TC TOP OF CURB  
TOC TOP OF CONCRETE  
N NORTHING  
E EASTING  
C CURVE

NOTE: INSTALLATION OF ALL TYPE "D" STORM INLETS SHALL BE ORIENTED SO THAT LONGER SIDE IS PERPENDICULAR TO STORM DRAIN PIPE.



TYPE "D" STORM INLET DETAIL  
NTS



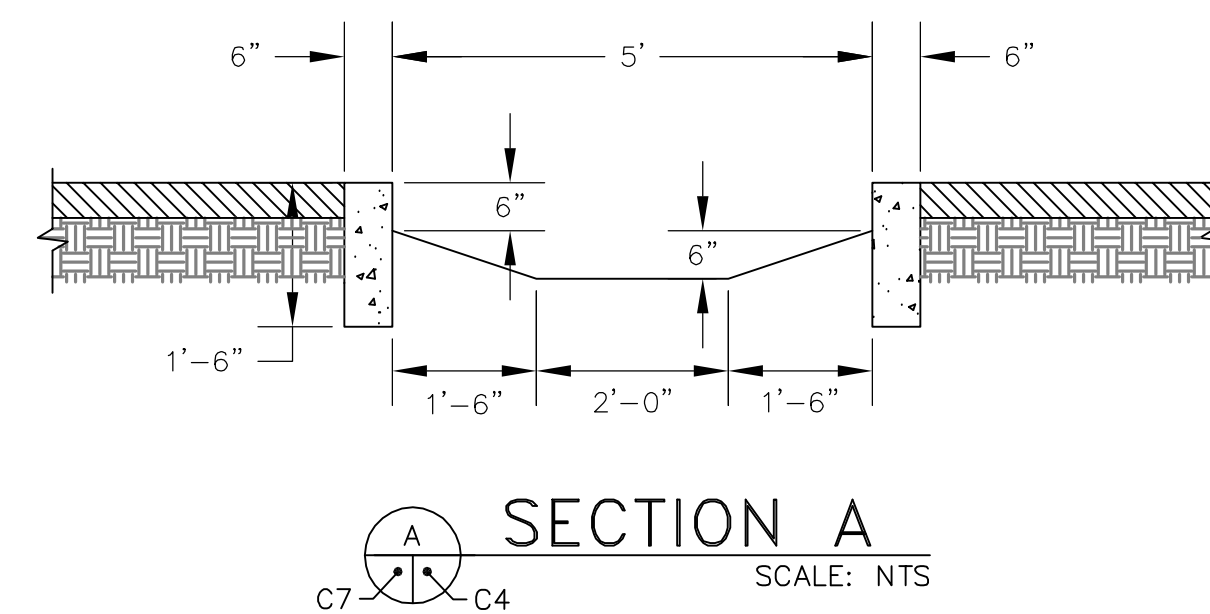
CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN  
TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
SITE GRADING AND DRAINAGE PLAN - WEST

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.
City Project No. 713897	Zone Map No. C-19	Sheet C6	

SURVEY INFORMATION		ENGINEERS SEAL		REVISIONS DUE TO SIDEWALK CHANGE	
NO.	BY	NO.	DATE	NO.	DATE
11599	SURVEYING CONTROL INC.		10/2010		

AS BUILT INFORMATION		BENCH MARKS		MICRO-FILM INFORMATION	
CONTRACTOR	WORK STARTED BY	U.S. COAST & GEODETIC SURVEY TRIANGULATION STATION	CONTRACTOR	RECORDED BY	NO.
	DATE	"HEAVEN". STANDARD USC&GS BRASS CAP IN CONCRETE			
	DATE	STAMPED "HEAVEN 1969". BRASS CAP IS SUBSURFACE			
	DATE	MONUMENT FOR THE ORIGINAL STATION "HEAVEN". STATION			
	DATE	IS LOCATED SOUTH SIDE PASEO DEL NORTE, 325 FEET +/-			
	DATE	WEST OF WYOMING AT BACK OF SIDEWALK.			

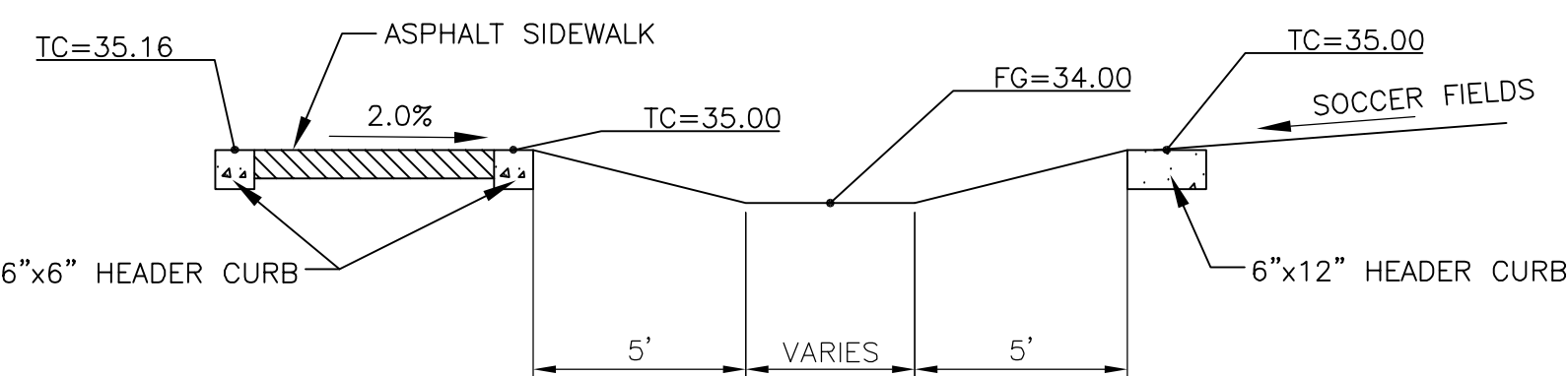




SECTION A

SCALE: NTS

C7 C4



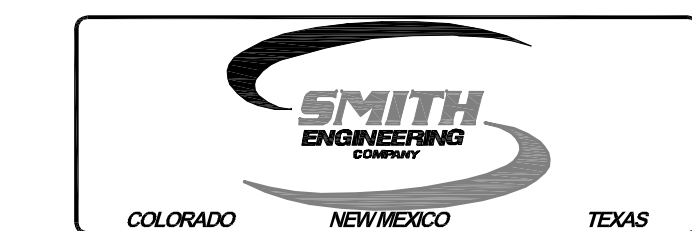
 SECTION B  
SCALE: NTS

**RECORD DRAWINGS**

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NOTE: TOPO TURNED OFF FOR CLARITY.

PHASE 8 BOUNDARY	
FL	FLOWLINE
TC	TOP OF CURB
TOC	TOP OF CONCRETE
THC	TOP OF HEADER CURB
TA	TOP OF ASPHALT
N	NORTHING
E	EASTING
C	CURVE



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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE:	NORTH DOMINGO BACA PARK - PHASE 8 CIVIL DETAILS AND SECTIONS
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Design Review Committee

City Engineer Approval

No. / Day / Yr.	No. / Day / Yr.



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City Project No.

713897

Zone Map No. C-15

Sheet	C7
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<i>SURVEY INFORMATION</i>		<i>BENCH MARKS</i>	<i>AS-BUILT INFORMATION</i>
NO.	FIELD NOTES BY DATE		
11599	SURVEYING CONTROL INC. 10/20/10	U.S. COAST & GEODETIC SURVEY TRIANGULATION STATION "HEAVEN". STANDARD USC&GS BRASS CAP IN CONCRETE STAMPED "HEAVEN 1969". BRASS CAP IS SUBSURFACE MONUMENT FOR THE ORIGINAL STATION "HEAVEN". IS LOCATED SOUTH SIDE PASEO DEL NORTE, 325 FEET +/- WEST OF WYOMING AT BACK OF SIDEWALK.	CONTRACTOR WORKMAN BY INSPECTOR'S ACCEPTANCE BY VERIFICATION BY DRAWINGS PROVIDED BY
			<i>MICRO-FILM INFORMATION</i>
			RECORDED BY DATE
			NO.

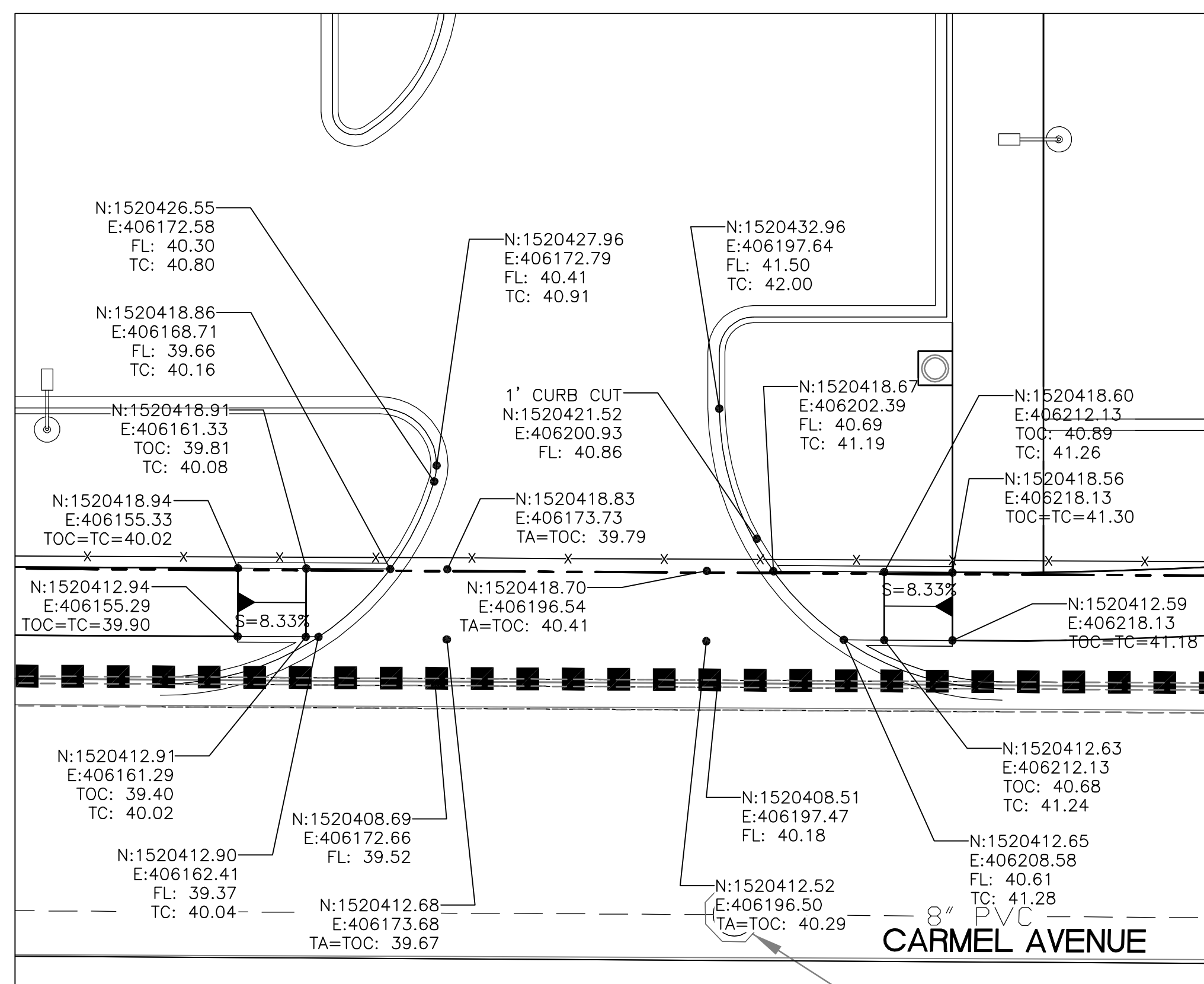
SURVEY INFORMATION			UNIT
NO.	FIELD NOTES		DATE
	SURVEYING	BY	
11599	INC.	CONTROL	10/2010

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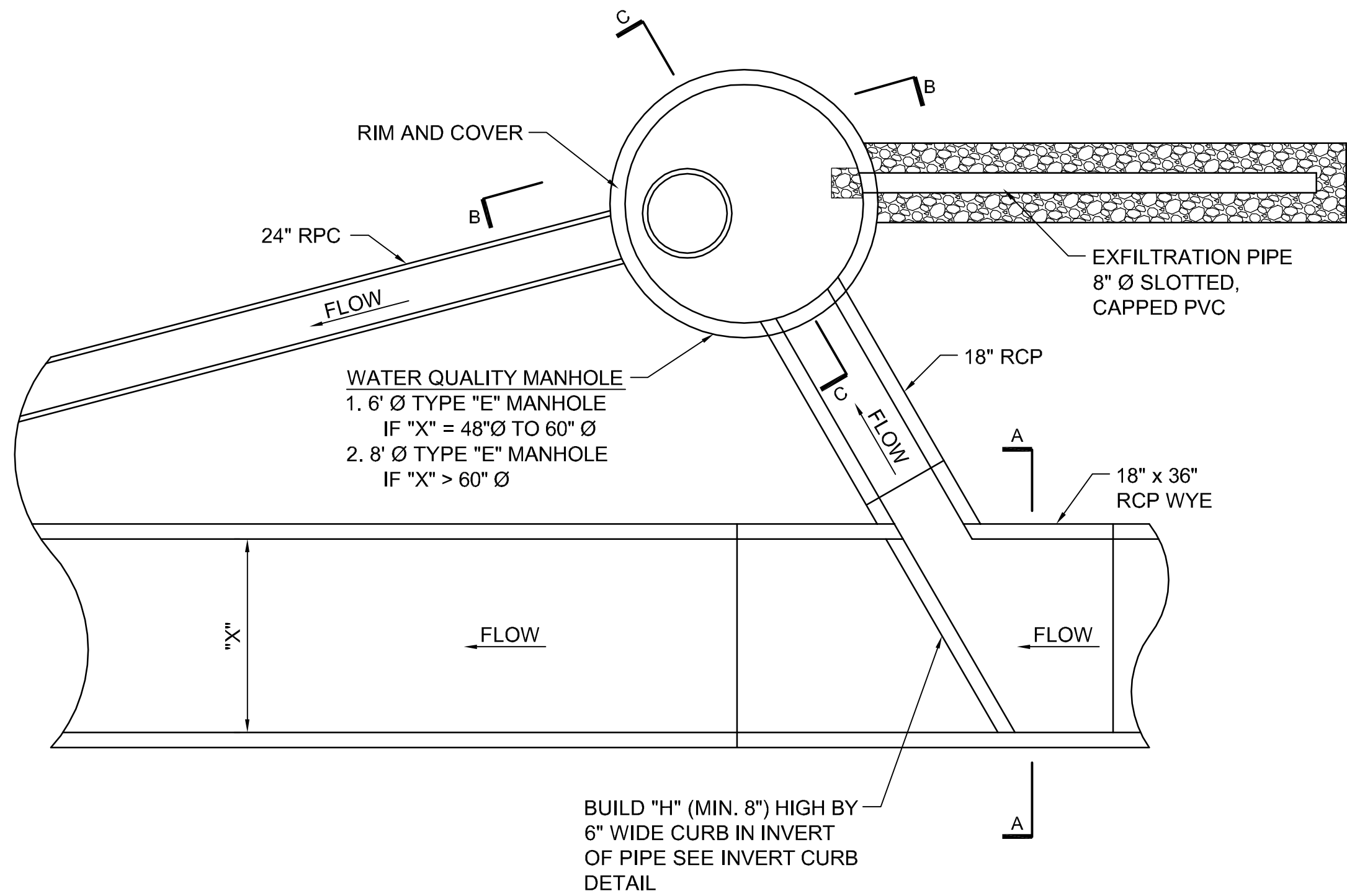
*ENGINEERS SEAL*

$\Delta$	2/12	REVISIONS DUE TO SIDEWALK CHANGE	GN
NO.	DATE	REMARKS <i>REVISIONS</i>	BY
<i>DESIGN</i>			
DESIGNED BY PJC		DATE 12/12	
DRAWN BY SEC		DATE 12/12	

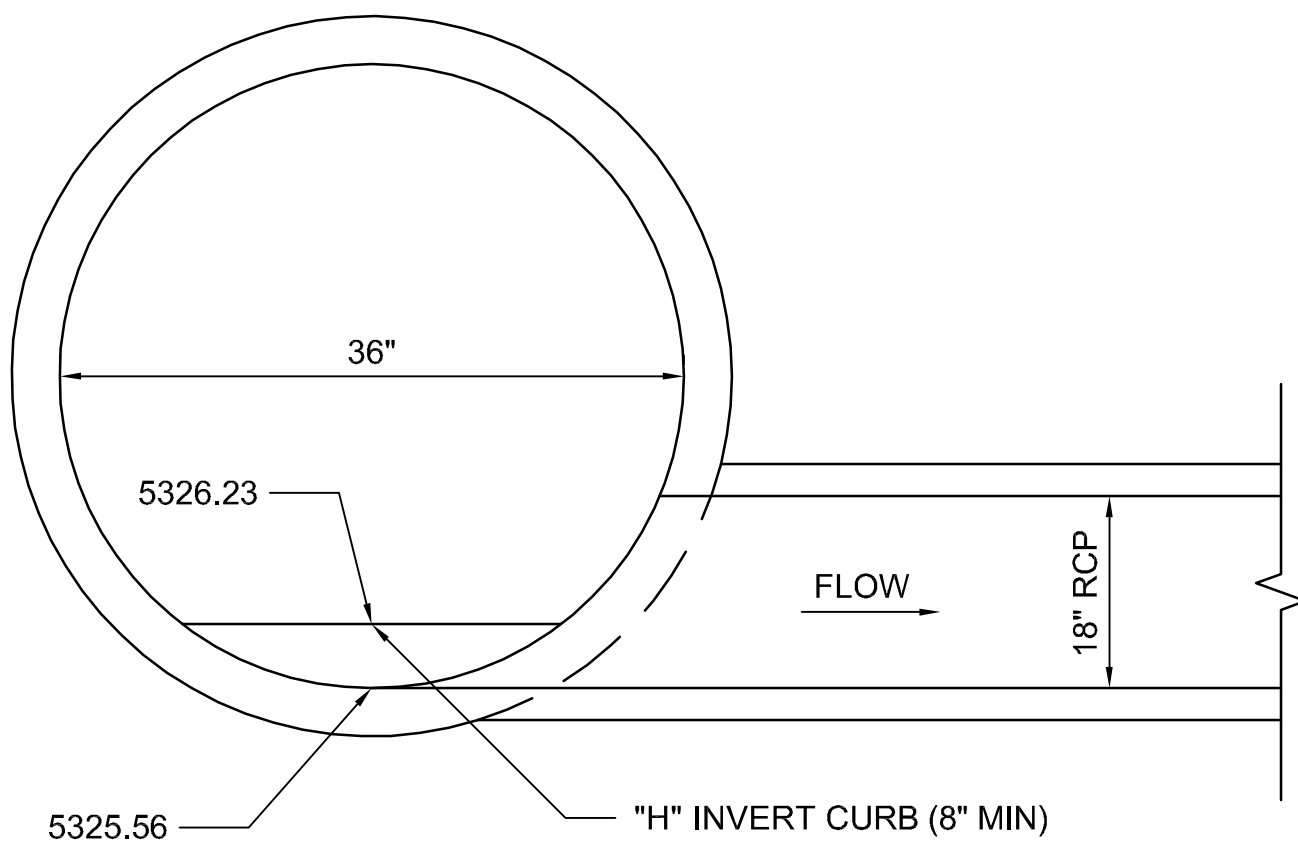


*PARKING LOT - EAST ENTRANCE*

SCALE: 1"=10'

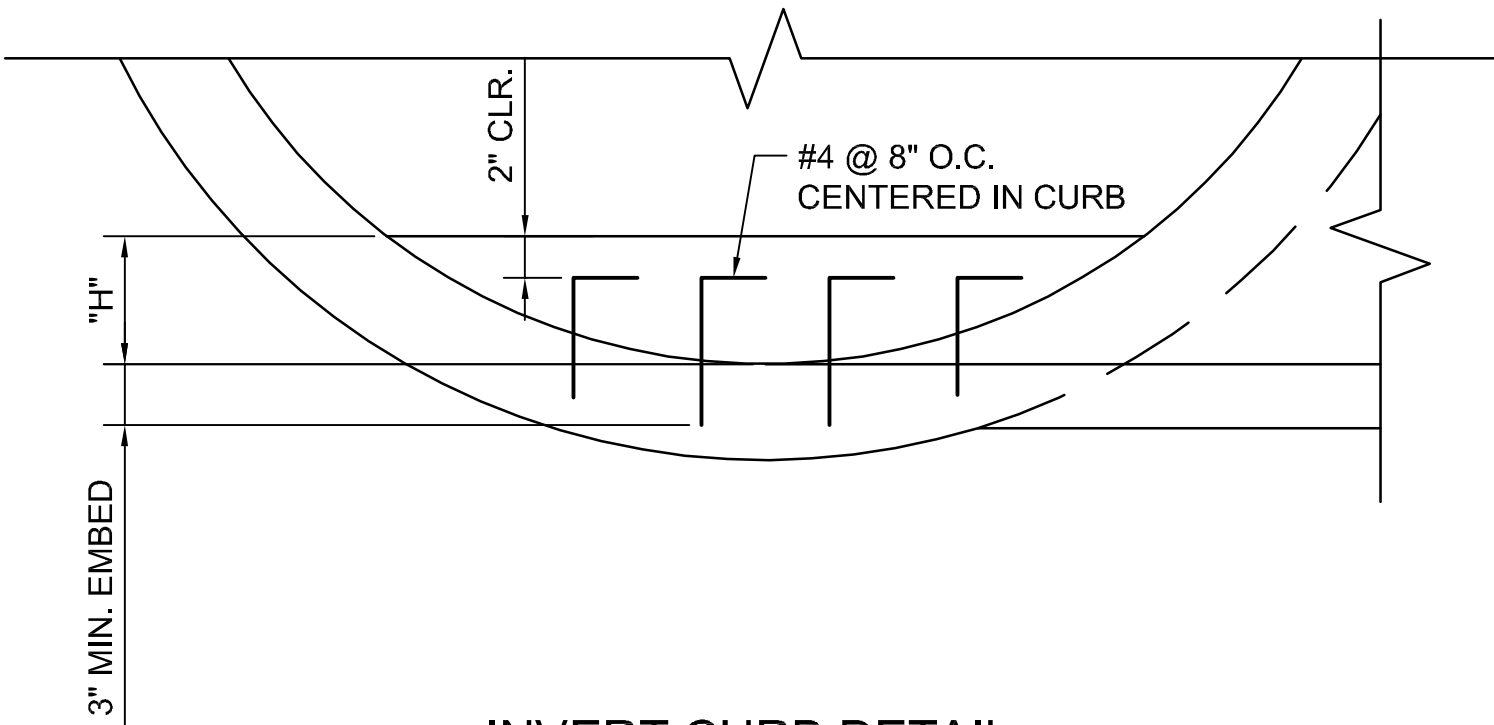


TYPICAL DEBRIS TREATMENT MANHOLE SYSTEM  
NO SCALE

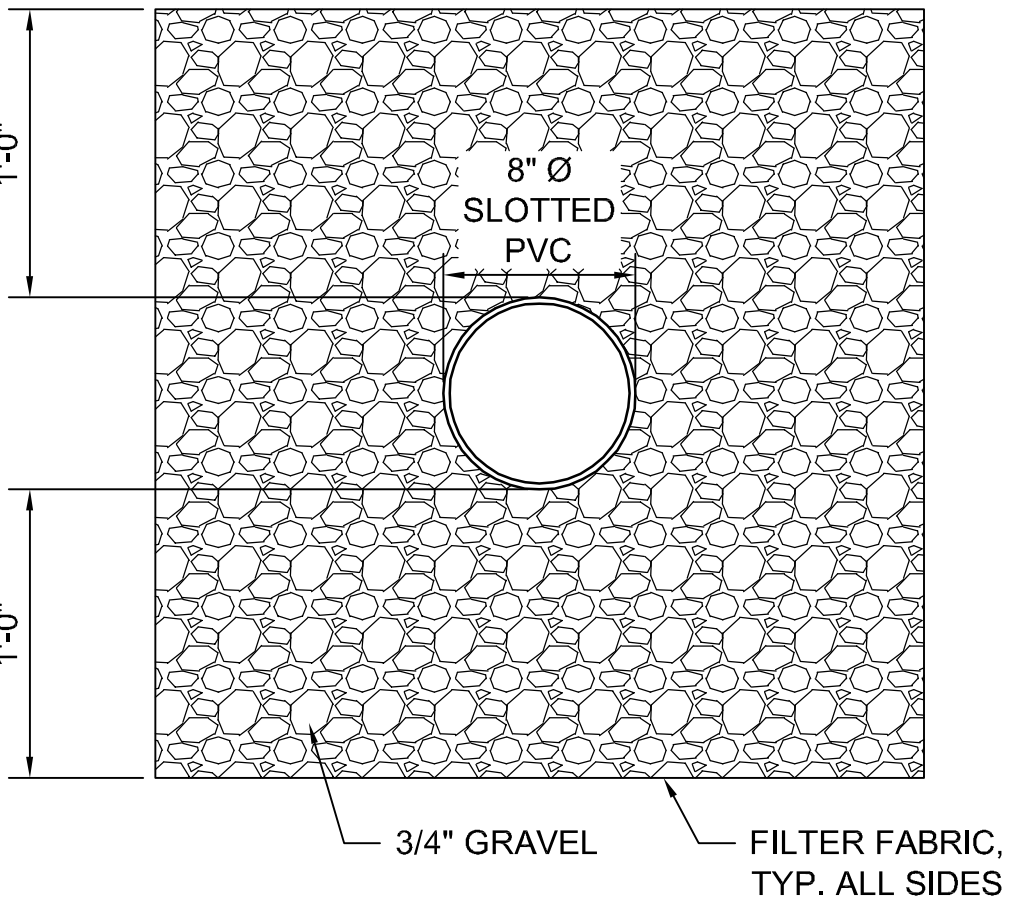


SECTION A-A  
NO SCALE

1. DIMENSIONS/SIZES "H", "X", "Y", AND "Z" SHALL BE DETERMINED BY THE PROJECT ENGINEER.
2. WHEN FEASIBLE, THE 8" EXFILTRATION PIPE MAY BE DISCHARGED INTO AN ADJACENT CHANNEL AT A LOCATION DETERMINED BY THE PROJECT ENGINEER AND SHOWN ON THE P & P SHEET.



INVERT CURB DETAIL  
NO SCALE



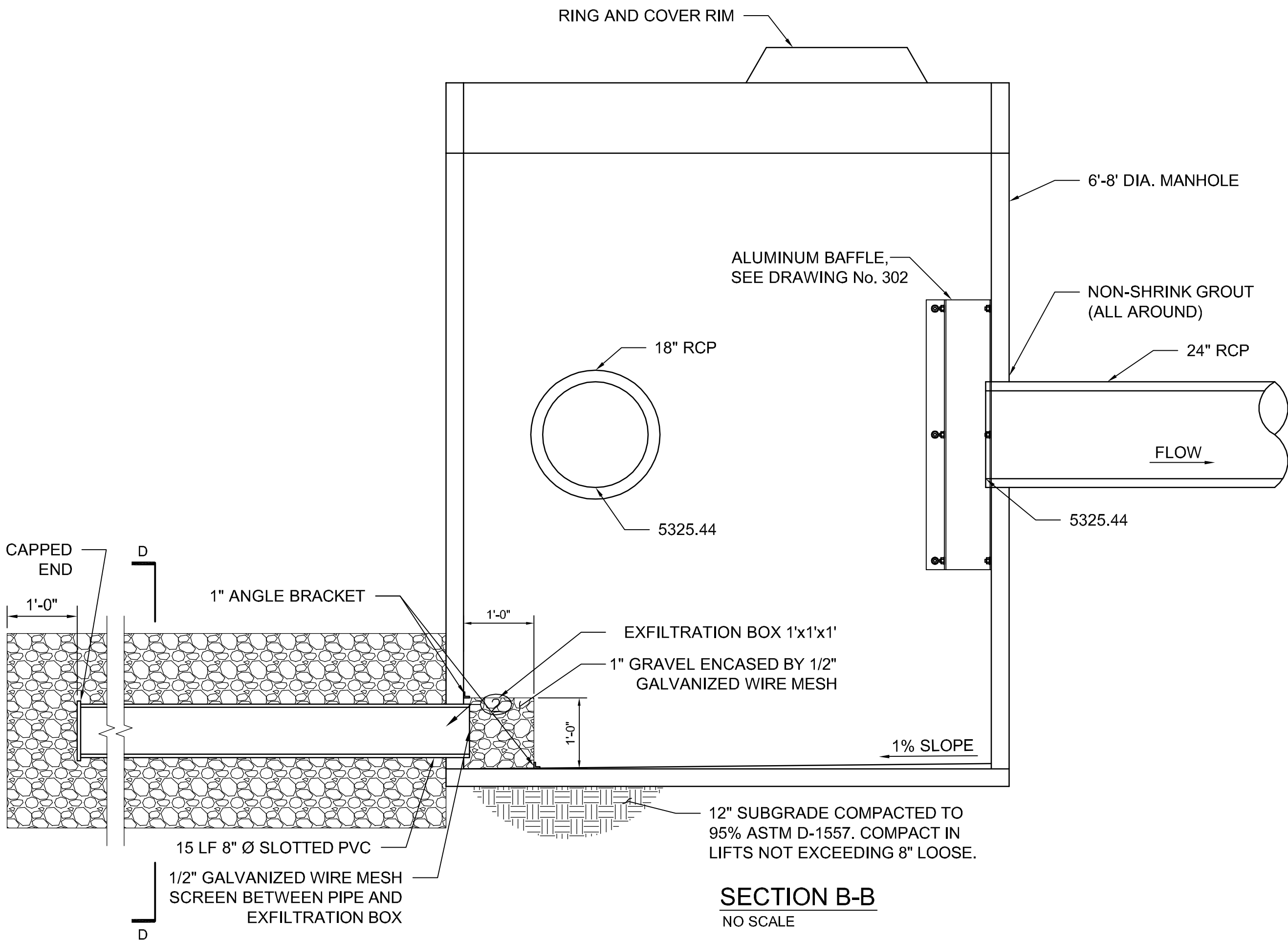
SECTION D-D  
NO SCALE

REDRAWN FOR  
RECORD PURPOSES

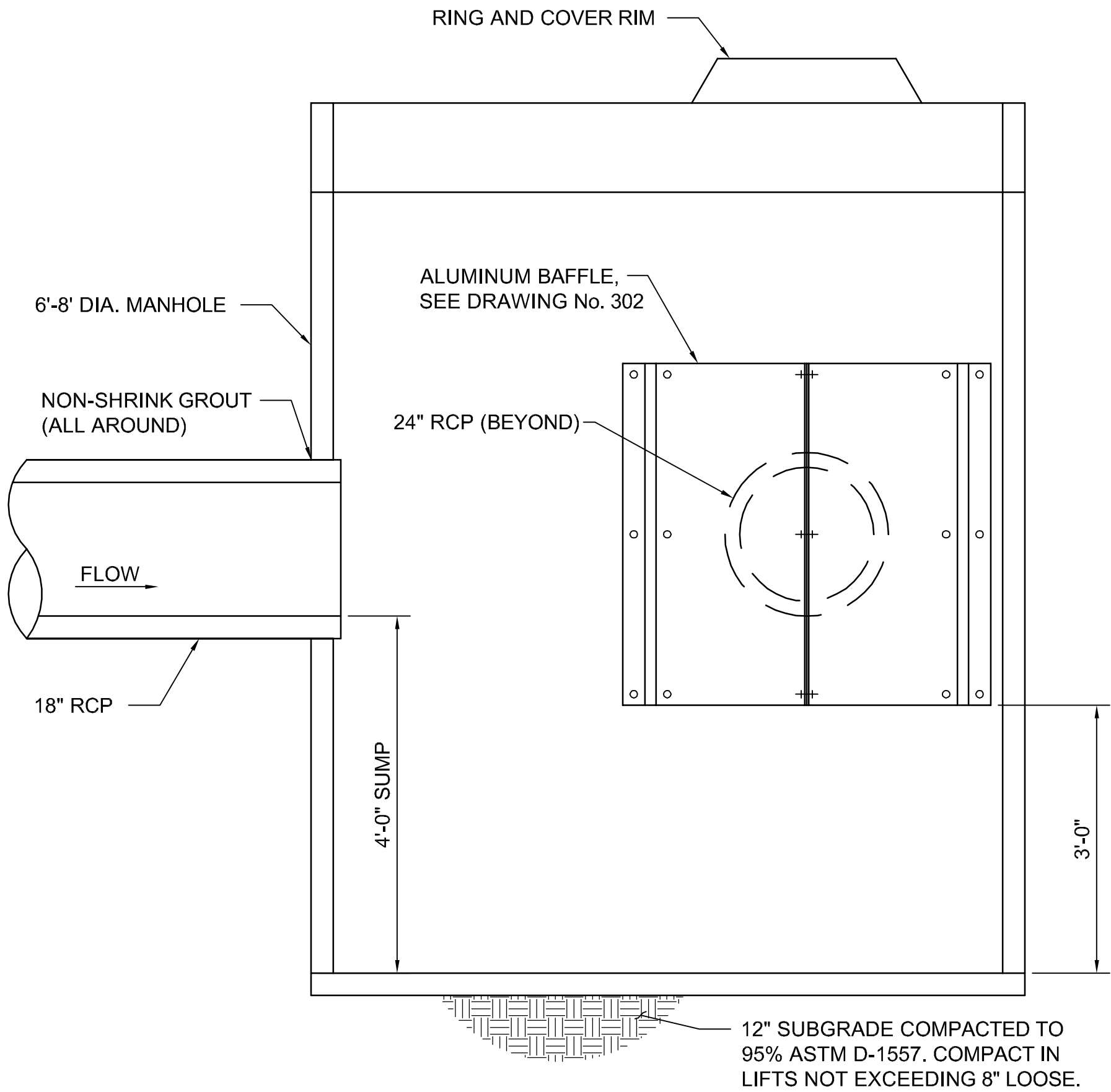
**RECORD DRAWINGS**

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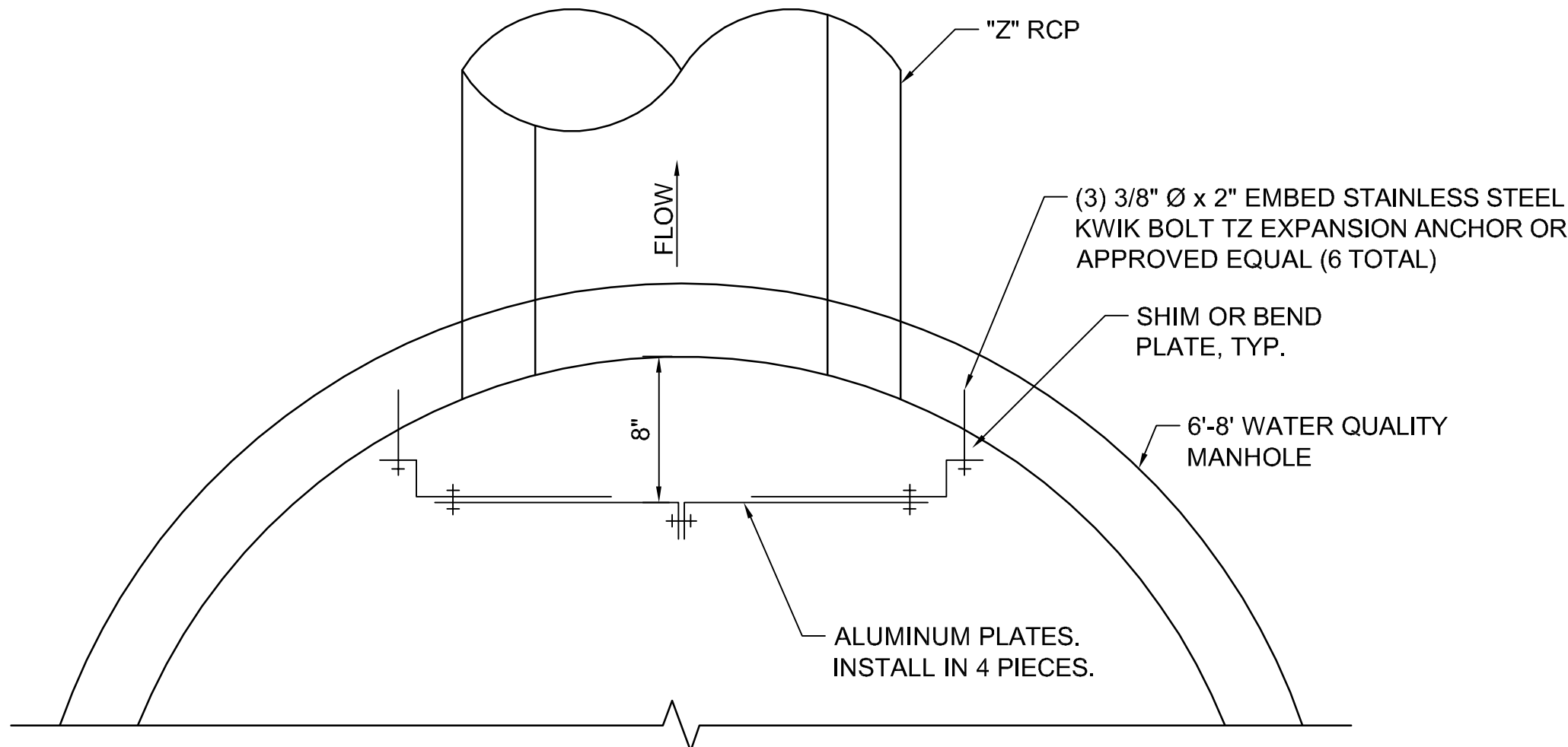
SECTION B-B  
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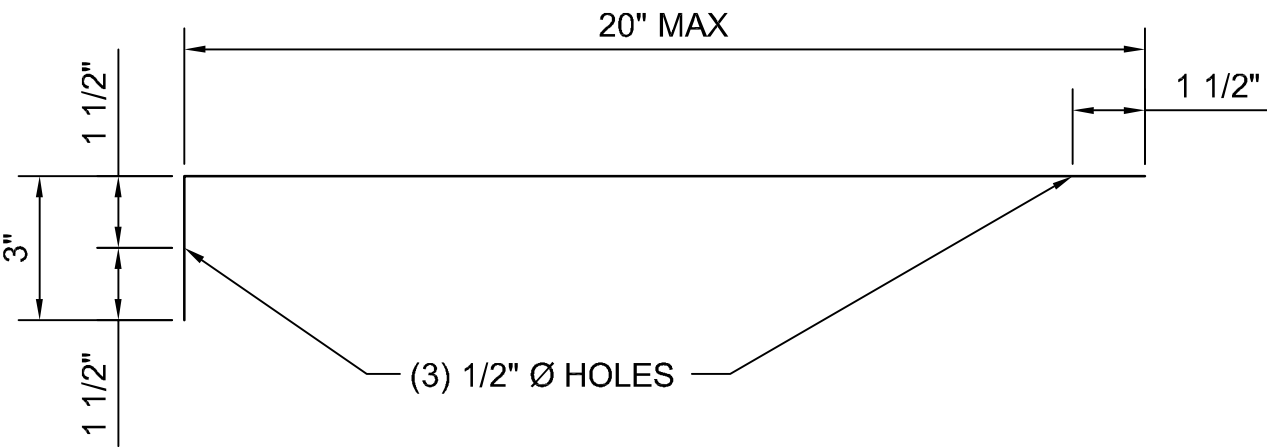
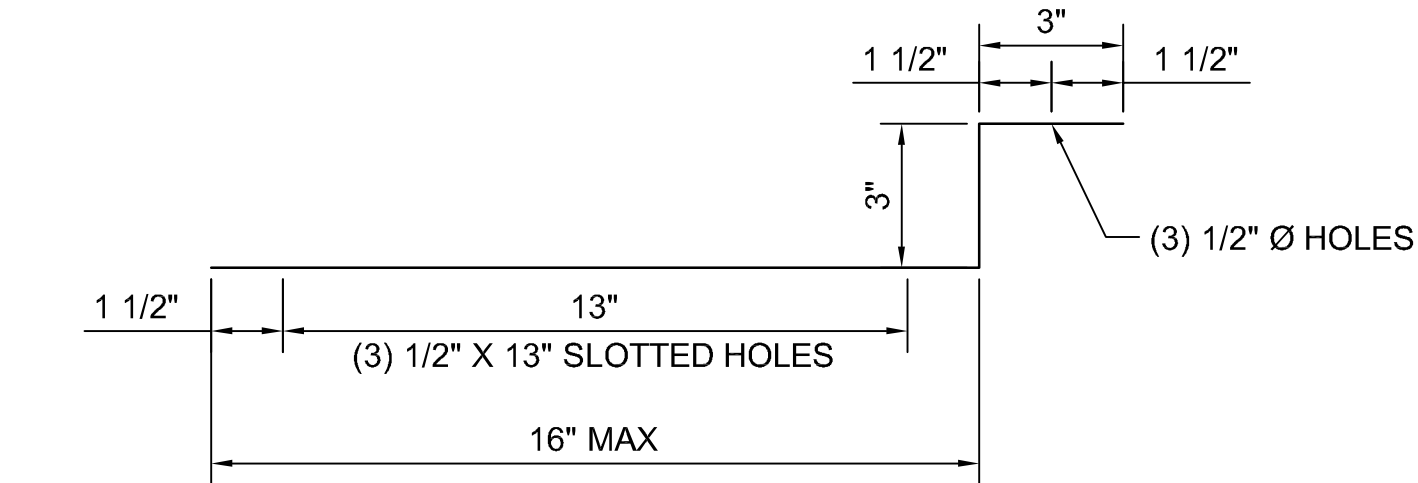
SECTION C-C  
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CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN			
TITLE: NORTH DOMINGO BACA PARK - PHASE 8 WATER QUALITY MANHOLE SECTIONS AND DETAILS			
Design Review Committee	City Engineer Approval	Last Design Update	No. / Day / Yr.
City Project No.	713897	Zone Map No. C-19	Sheet C8

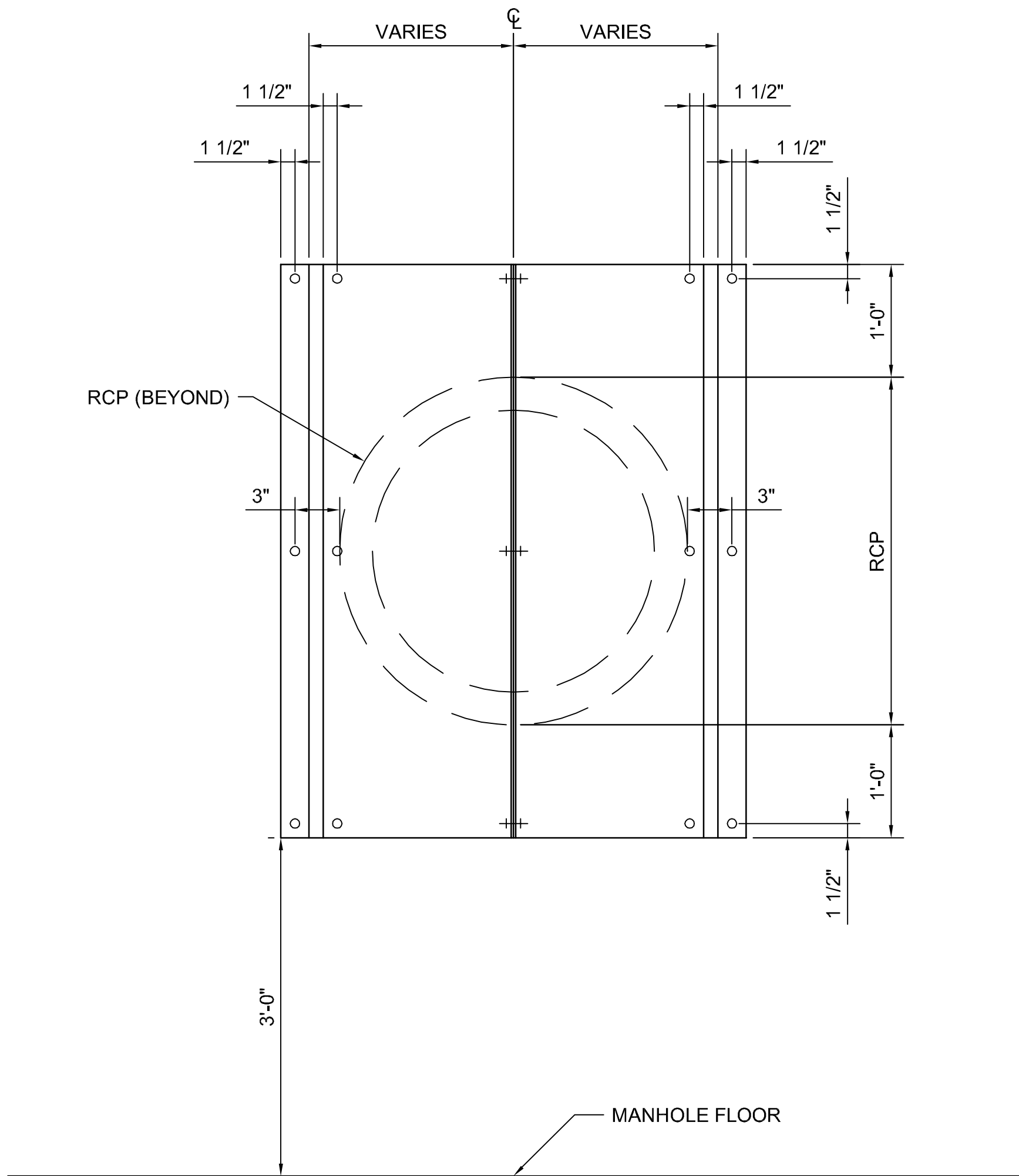




ALUMINUM BAFFLE PLAN  
NO SCALE



ALUMINUM PLATE BEND DIAGRAM  
NO SCALE



ALUMINUM BAFFLE ELEVATION  
NO SCALE

REDRAWN FOR  
RECORD PURPOSES


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CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN			
TITLE: NORTH DOMINGO BACA PARK - PHASE 8 WATER QUALITY MANHOLE BAFFLE DETAILS			
Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	
Last Design Update		Mo. / Day / Yr.	
City Project No.	713897	Zone Map No. C-19	Sheet C9

				ENGINEERS SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
						FIELD NOTES					
						NO.	BY	DATE			CONTRACTOR
										WORK STARTED BY	DATE
										INSPECTOR'S ACCEPTANCE BY	DATE
										VERIFICATION BY	DATE
										DRAWINGS CORRECTED BY	DATE
										MICRO-FILM INFORMATION	
										RECORDED BY	DATE
										NO.	



NOTE: CURVE DATA POINTS 1-29 WERE DELETED  
DUE TO SIDEWALK RECONFIGURATION.

NUMBER	DELTA ANGLE	CHORD BEARING	CHORD LENGTH	RADIUS (Ft.)	ARC LENGTH (Ft.)
C30	40°15'27"	S68° 33' 25"W	95.32'	138.49	97.31
C31	41°34'18"	N69° 12' 51"E	70.88'	99.87	72.46
C32	10°47'38"	S5° 12' 19"E	37.53'	199.50	37.58
C33	7°19'34"	S82° 33' 42"W	44.12'	345.30	44.15
C34	13°58'37"	N83° 39' 19"E	85.27'	350.42	85.48
C35	90°01'24"	S44° 59' 18"E	4.24'	3.00	4.71
C36	90°00'00"	N45° 00' 00"E	2.83'	2.00	3.14
C37	90°00'00"	S45° 00' 00"E	2.83'	2.00	3.14
C38	79°23'52"	N39° 41' 56"E	3.83'	3.00	4.16
C39	90°00'00"	S45° 00' 00"W	4.24'	3.00	4.71
C40	90°00'00"	S45° 00' 00"E	4.24'	3.00	4.71
C41	122°34'44"	S61° 17' 22"W	3.51'	2.00	4.28
C42	57°25'16"	N28° 42' 38"W	14.41'	15.00	15.03
C43	57°25'16"	N28° 42' 38"E	14.41'	15.00	15.03
C44	122°34'44"	S61° 17' 22"E	3.51'	2.00	4.28
C45	105°29'42"	N52° 44' 51"W	3.18'	2.00	3.68
C46	85°05'45"	S31° 57' 26"W	20.29'	15.00	22.28
C47	52°54'34"	S37° 02' 15"E	13.36'	15.00	13.85
C48	116°30'28"	N58° 15' 14"E	3.40'	2.00	4.07
C49	90°00'00"	N55° 36' 08"W	4.24'	3.00	4.71
C50	90°00'00"	N34° 23' 52"E	4.24'	3.00	4.71
C51	122°34'44"	S61° 17' 22"E	3.51'	2.00	4.28
C52	57°25'16"	N28° 42' 38"E	14.41'	15.00	15.03
C53	57°25'16"	N28° 42' 38"W	14.41'	15.00	15.03
C54	122°34'44"	S61° 17' 22"W	3.51'	2.00	4.28

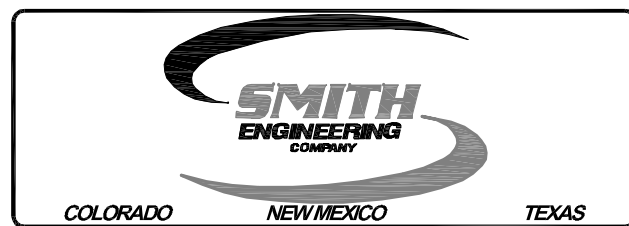
C68	16°18'12"	N43° 46' 34"E	88.15'	310.83	88.45
C69	3°08'31"	S52° 13' 33"W	56.09'	1022.99	56.10
C70	141°47'56"	S20° 14' 40"E	9.45'	5.00	12.37
C71	33°36'11"	S72° 50' 31"W	54.02'	93.44	54.80
C72	34°58'23"	N73° 25' 10"E	47.53'	79.09	48.28
C73	9°19'26"	S85° 40' 43"W	35.73'	219.78	35.77
C74	15°22'36"	S89° 28' 59"E	83.33'	311.45	83.58
C75	8°28'45"	N84° 19' 42"W	19.63'	132.77	19.65
C76	89°48'30"	S45° 05' 45"W	69.89'	49.50	77.59

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RECORD PURPOSES

## RECORD DRAWINGS

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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

PROJECT: NORTH DOMINGO BACA PARK - PHASE 8

CURVE DATA

Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.	
City Project No.	713897	Zone Map No.	C-19	Sheet	C10





**Irrigation  
Services**   
**Designers & Consultants**

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CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN			
TITLE:		NORTH DOMINGO BACA PARK - PHASE 8	
IRRIGATION PLAN - SE			
Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.
City Project No.	Zone Map No.	Sheet	Of
713897	C-19	X	X

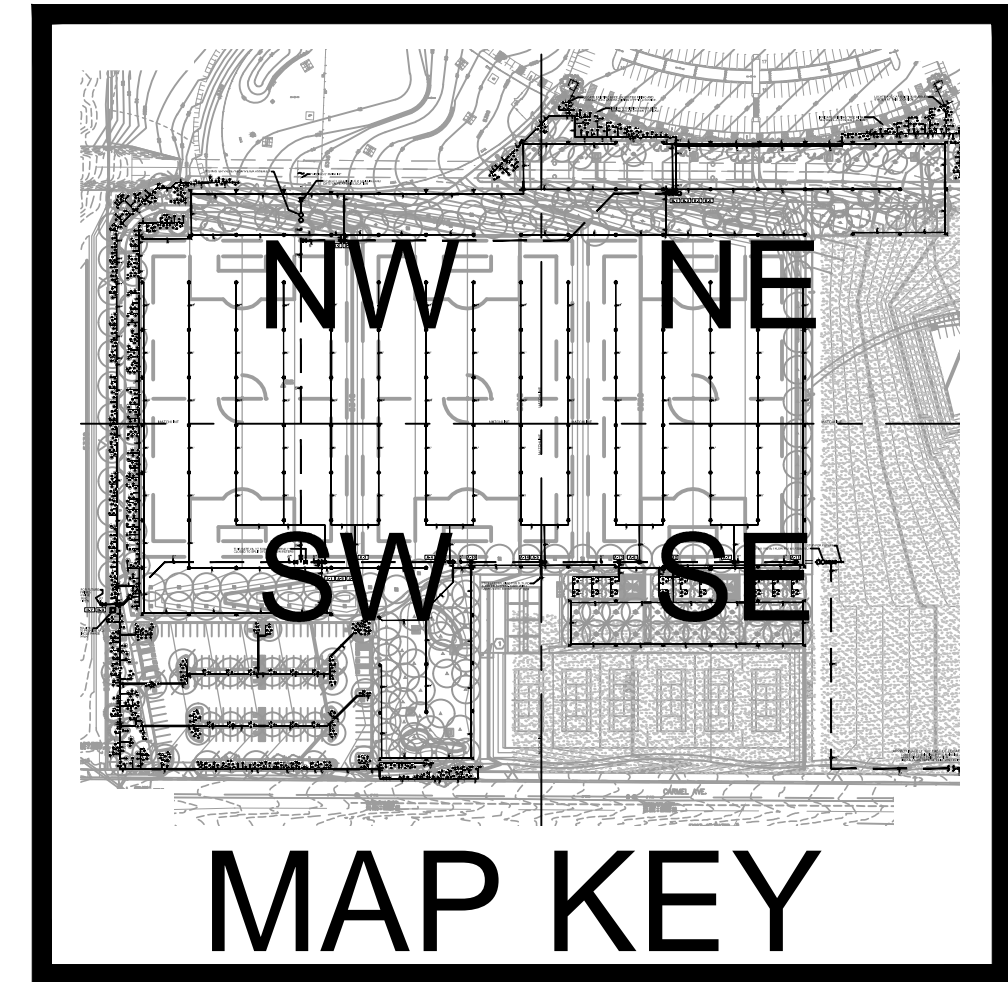
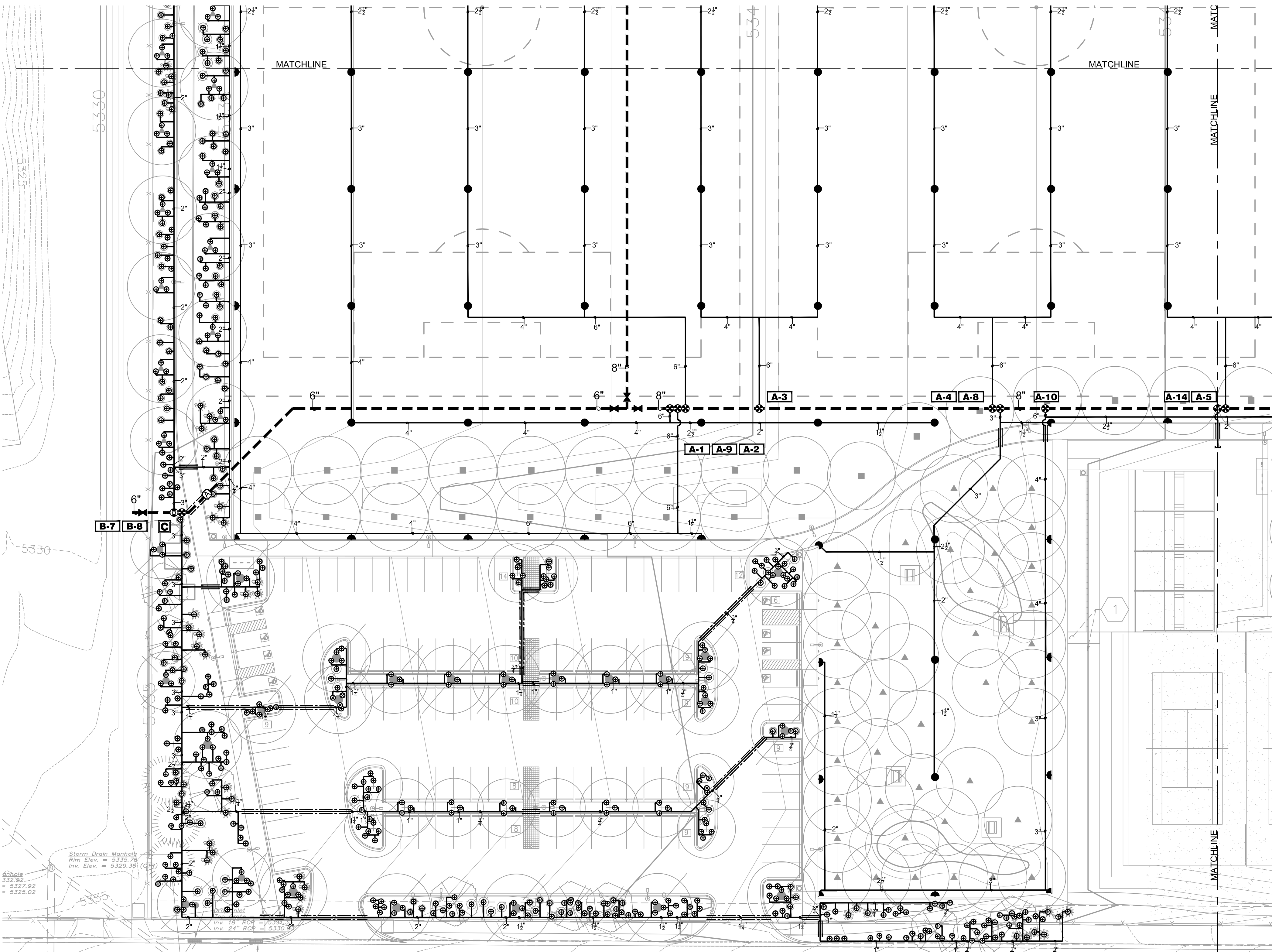
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# RECORD DRAWINGS

**NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS**

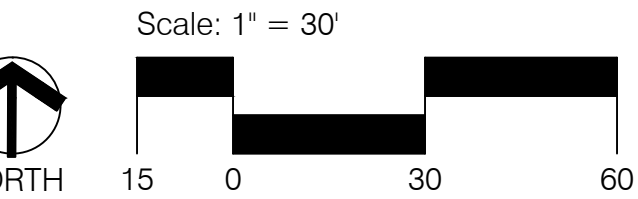
**FINAL FOR CONSTRUCTION**





- ### IRRIGATION LEGEND
- HUNTER #140-04-SS-R-44 FULL CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #44 NOZZLE (63/R, 20gpm, .49"/hr @ 60psi)
  - HUNTER #140-04-SS-R-44 PART CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #44 NOZZLE (63/R, 20gpm, .49"/hr @ 60psi)
  - HUNTER #140-04-SS-R-44 PART CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #43 NOZZLE (63/R, 15.1gpm, .89"/hr @ 60psi)
  - RAINBIRD #1401 .25gpm TRICKLE PATTERN BUBBLER - INSTALL ONE PER SHRUB AND THREE PER TREE
  - RAINBIRD #150-PEB-NP-HAN2 1 1/2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR VALVE HANDLE
  - RAINBIRD #200-PEB-NP-HAN2 2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR VALVE HANDLE
  - HUNTER #ICV-301-R 3" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR
  - IRON BODY PUSH-ON GATE VALVE WITH RESTRAINT SYSTEM (LINE SIZE)
  - EXISTING 8" MAINLINE GATE VALVE
  - CRISPEN #UL10.1 1" UNIVERSAL AIR RELEASE VALVE ASSEMBLY
  - MASTER VALVE / FLOW SENSOR - BERMAD #910-P 6" SOLENOID CONTROL VALVE, GLOBE CONFIGURATION CLASS 150 FLANGED WITH 24V AC SOLENOID, ENERGIZE TO OPEN - INSTALL IN QUAZITE UNDERGROUND CONCRETE BOX PROPERLY SIZED FOR DEVICE
  - MOTOROLA "ACE" SERIES SATELLITE IRRIGATION CONTROLLER WITH STATION SWITCHES, COA RADIO COMMUNICATIONS PACKAGE, INTERSPEC ENCLOSURE AND 36 STATION OUTPUT - WIRE BOTH MASTER VALVE / FLOW METERS TO THE CONTROLLER
  - LATERAL PIPE (PURPLE) - SCH.40 PVC FOR SIZES 4" AND SMALLER, CLASS 200 PVC FOR 6" LATERAL - ALL PIPING TO BE SOLVENT WELDED AS PER CITY OF ALBUQUERQUE REQUEST
  - MAINLINE PIPE (PURPLE) - 8" CLASS 200 PVC GASKETED PIPE WITH DUCTILE IRON FITTINGS AND JOINT RESTRAINT SYSTEMS - ALL CONNECTIONS (STRAIGHT AND CHANGE OF DIRECTION) SHALL BE RESTRAINED AS PER CITY OF ALBUQUERQUE REQUEST
  - SLEEVE PIPE - PVC, TWO SIZES LARGER THAN PIPE TO BE SLEEVED, SCH. OR CLASS ACCORDING TO CITY SPECIFICATION

- ### IRRIGATION NOTES
- WATER PRESSURE:**  
THE WATER PRESSURE AT THIS SITE WAS MEASURED IN A PREVIOUS PHASE OF WORK AT 106psi. THE 8" WATER METER NEAR THE CORNER VALVE AND MAINLINE GATE VALVE HAS A PRESSURE REGULATION VALVE INSTALLED DOWNSTREAM OF THE METER. THE PRESSURE REGULATION WAS SET TO 80psi IN A PREVIOUS PHASE OF WORK.
- SPRINKLER STAKING:**  
THE SPRINKLER LOCATIONS SHALL BE PRECISELY LOCATED BY THE USE OF SURVEY GRADE, RTK GPS EQUIPMENT OR CONVENTIONAL SURVEY METHODS. THE FINAL SPRINKLER LOCATIONS SHALL BE BASED ON AN ACTUAL AS-BUILT SURVEY OF THE HARDSCAPE SURROUNDING THE TURF AREAS AND MAY BE DIFFERENT FROM WHAT IS REPRESENTED ON THE DRAWINGS. THE IRRIGATION CONSULTANT SHALL PROVIDE THE HARDSCAPE AS-BUILT GPS SURVEY AND THE STAKED LOCATIONS OF ALL ROTARY AND SPRAY-TYPE SPRINKLERS. THE CONTRACTOR SHALL INCLUDE THE COST OF THIS WORK IN HIS BID.
- CERTIFIED LANDSCAPE IRRIGATION AUDIT:**  
THIS PROJECT WILL REQUIRE A CERTIFIED LANDSCAPE IRRIGATION AUDIT TO DETERMINE THE DISTRIBUTION UNIFORMITY FOR ALL TURFGRASS AREAS. NO PLANT MATERIALS SHALL BE INSTALLED IN TURFGRASS AREAS UNTIL DISTRIBUTION UNIFORMITY RESULTS HAVE BEEN ACCEPTED BY THE GOVERNING AUTHORITY. AUDIT PREPARATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE SPRINKLER IRRIGATION SYSTEM IS IN FULL WORKING ORDER PRIOR TO AUDIT. THERE SHALL BE NO CLOGGED OR MISSING NOZZLES, NON-ROTATING SPRINKLERS MUST BE REPLACED OR REPAIRED. ALL DEBRIS OR DIRT PILES MUST BE REMOVED OR LEVELED AND EACH SPRINKLER MUST BE PROPERLY SET AND LEVELED. THE CONTRACTOR SHALL ALSO SET ALL PRESSURE REGULATION DEVICES OR VALVE FLOW CONTROLS (IF APPLICABLE) TO THE SPRINKLER DISCHARGE PRESSURE INDICATED IN THE LEGEND.
- SPECIFICATIONS AND DETAIL DRAWINGS:**  
THE CONTRACTOR SHALL REFER TO THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS AND DETAIL DRAWINGS FOR IRRIGATION CONSTRUCTION. IN THE EVENT OF A CONFLICT BETWEEN SPECIFICATIONS AND IRRIGATION DESIGN, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IN WRITING. THE CONTRACTOR SHALL NOT PROCEED WITH INSTALLATION OF CONFLICTING IRRIGATION COMPONENTS UNTIL HE RECEIVES CLARIFICATION IN WRITING FROM THE OWNER'S AUTHORIZED REPRESENTATIVE. NO UNFITTED SWING JOINTS INSTALLED ON SPRINKLERS AS PER CITY OF ALBUQUERQUE REQUEST.
- PIPE ROUTING, TREE / SHRUB LOCATIONS AND PROXIMITY TO SPRINKLERS:**  
THE PIPE ROUTING SHOWN ON THESE PLANS IS SCHEMATIC AND MAY REQUIRE FIELD ADJUSTMENTS BY THE CONTRACTOR TO AVOID INSTALLING PIPE WITHIN THE ROOT ZONE OF TREES OR SHRUBS OR TO AVOID OBSTACLES ENCOUNTERED IN THE FIELD. THE SPRINKLER LOCATIONS ARE FIXED AND MUST BE FIELD LOCATED AS CLOSELY AS POSSIBLE TO THE FIELD STAKED LOCATIONS IN ORDER TO MEET THE INTENDED DISTRIBUTION UNIFORMITY. THE CONTRACTOR SHALL FIELD ADJUST ANY TREE OR SHRUB LOCATIONS THAT ARE SHOWN TO BE CLOSER THAN 12" FROM ANY SPRINKLER HEAD. IF SUBSTANTIAL PLANTING REARRANGING IS REQUIRED, THE CONTRACTOR SHALL HAVE HIS PROPOSED LOCATIONS APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- PIPING DISTANCE FROM TREES:**  
KEEP ALL PIPING A MINIMUM OF 10 FEET AWAY FROM TREE TRUNK WHEN POSSIBLE - AS PER CITY OF ALBUQUERQUE REQUEST.
- SPRINKLER NOZZLES:**  
THE CONTRACTOR SHALL ADJUST THE THROWING RADIUS OF ALL PERTINENT SPRINKLER NOZZLES SO AS TO MINIMIZE THE OVERSPRAY ONTO HARDSCAPE OR OTHER UNINTENDED AREAS. THE CONTRACTOR SHALL ALSO INCLUDE IN HIS BID OR PRICING, AN ALLOWANCE FOR ANY SPRINKLER NOZZLE CHANGES THAT ARE DEEMED NECESSARY BY THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT TO CORRECT ISSUES OF OVERSPRAY, UNDERSPRAY OR DISTRIBUTION UNIFORMITY.
- IRRIGATION SATELLITE:**  
FOR ALL SATELLITES, THE CONTRACTOR SHALL HAVE A RADIO SIGNAL STRENGTH SURVEY PERFORMED TO VERIFY PROPER RADIO COMMUNICATION FROM THE SATELLITE LOCATION TO CENTRAL CONTROLLER LOCATION. THE CONTRACTOR SHALL INCLUDE IN HIS BID ANY EXTERNAL ANTENNAS AND EQUIPMENT NECESSARY TO FACILITATE PROPER COMMUNICATION.
- RECLAIMED WATER INDICATORS:**  
WHEN AVAILABLE FROM THE MANUFACTURER, ALL SPRINKLERS, BUBBLERS, VALVE HANDLES AND VALVE BOXES SHALL BE PURPLE IN COLOR TO INDICATE THE USE OF RECLAIMED WATER. FOR PIPING, WHEN PURPLE PIPE IS UNAVAILABLE, PURPLE WARNING TAPE SHALL BE INSTALLED IN THE TRENCHES.



**Irrigation Services LLC**  
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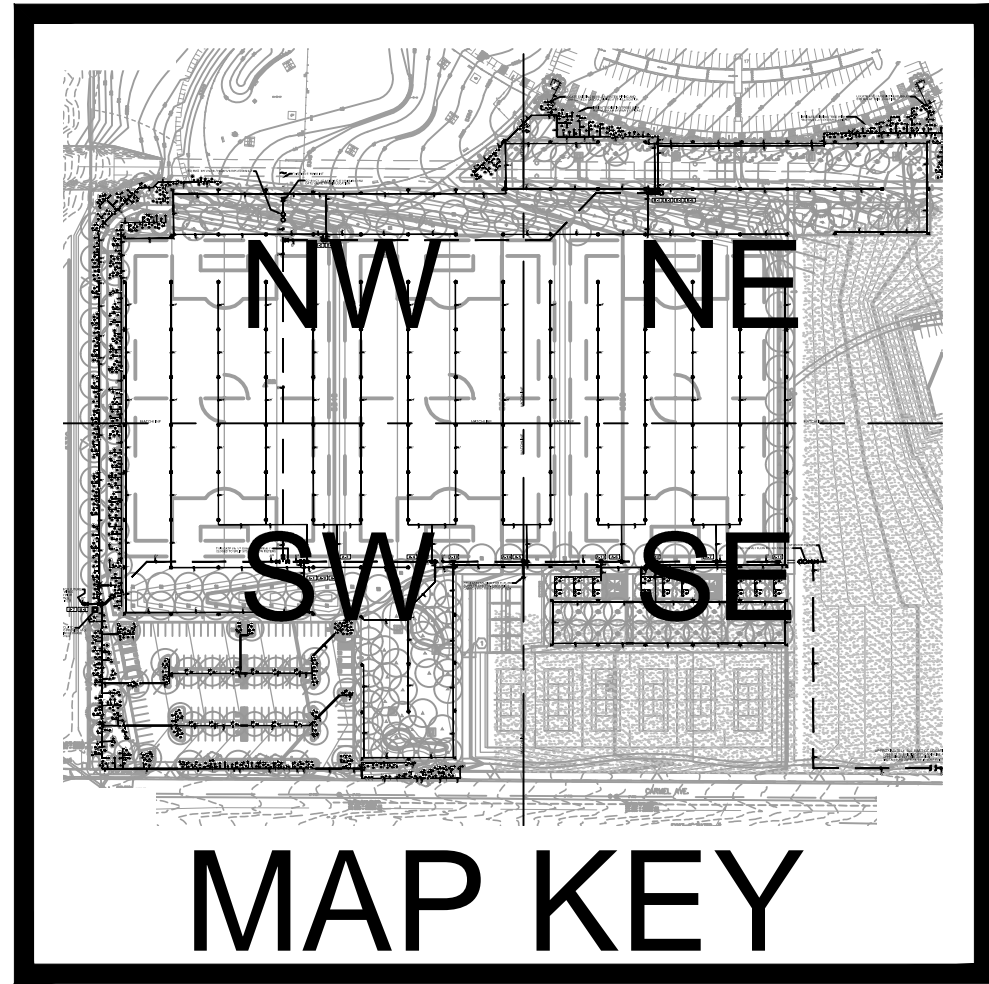
CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN			
TITLE: NORTH DOMINGO BACA PARK - PHASE 8 IRRIGATION PLAN - SW			
Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	
Last Design Update			
City Project No.	713897	Zone Map No.	C-19
Sheet	X	Of	X



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RECORD PURPOSES

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IRRIGATION LEGEND

- HUNTER #1-40-04-SS-R-44 FULL CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #44 NOZZLE (63'R, 20gpm, .49"/hr @ 80psi)
- HUNTER #1-40-04-SS-R-44 PART CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #44 NOZZLE (63'R, 20gpm, .97"/hr @ 80psi)
- HUNTER #1-40-04-SS-R-44 PART CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #43 NOZZLE (57'R, 15.1gpm, .89"/hr @ 80psi)
- RAINBIRD #1401 .25gpm TRICKLE PATTERN BUBBLER - INSTALL ONE PER SHRUB AND THREE PER TREE
- RAINBIRD #150-PEB-NP-HAN2 1 1/2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR VALVE HANDLE
- RAINBIRD #200-PEB-NP-HAN2 2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR VALVE HANDLE
- HUNTER #ICV-301-R 3" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR
- IRON BODY PUSH-ON GATE VALVE WITH RESTRAINT SYSTEM (LINE SIZE)
- EXISTING 8" MAINLINE GATE VALVE
- CRISPEN #U10.1 1" UNIVERSAL AIR RELEASE VALVE ASSEMBLY
- MASTER VALVE / FLOW SENSOR - BERMAD #910-P 6" SOLENOID CONTROL VALVE, GLOBE CONFIGURATION CLASS 150, FLANGED WITH 24V AC SOLENOID, ENERGIZE TO OPEN - INSTALL IN QUARTZITE UNDERGROUND CONCRETE BOX PROPERLY SIZED FOR DEVICE
- MOTOROLA "ACE" SERIES SATELLITE IRRIGATION CONTROLLER WITH STATION SWITCHES, COA RADIO COMMUNICATIONS PACKAGE, INTERSPEC ENCLOSURE AND 36 STATION OUTPUT - WIRE BOTH MASTER VALVE / FLOW METERS TO THE CONTROLLER
- LATERAL PIPE (PURPLE) - SCH 40 PVC FOR SIZES 4" AND SMALLER, CLASS 200 PVC FOR 6" LATERAL - ALL PIPING TO BE SOLVENT WELDED AS PER CITY OF ALBUQUERQUE REQUEST
- MAINLINE PIPE (PURPLE) - 8" CLASS 200 PVC GASKETED PIPE WITH DUCTILE IRON FITTINGS AND JOINT RESTRAINT SYSTEMS - ALL CONNECTIONS (STRAIGHT AND CHANGE OF DIRECTION) SHALL BE RESTRAINED AS PER CITY OF ALBUQUERQUE REQUEST
- SLEEVE PIPE - PVC, TWO SIZES LARGER THAN PIPE TO BE SLEEVED, SCH. OR CLASS ACCORDING TO CITY SPECIFICATION

IRRIGATION NOTES

**WATER PRESSURE:**  
THE WATER PRESSURE AT THIS SITE WAS MEASURED IN A PREVIOUS PHASE OF WORK AT 106psi. THE 8" WATER METER NEAR THE CORNER OF CORONA AVE. AND WYOMING BLVD. HAS A PRESSURE REGULATION VALVE INSTALLED DOWNSTREAM OF THE METER. THE PRESSURE REGULATION WAS SET TO 80psi IN A PREVIOUS PHASE OF WORK.

**THE CONTRACTOR SHALL RE-VARYIFY THE EXISTING WATER PRESSURE AT EITHER POINT OF CONNECTION AND REPORT HIS FINDINGS IN WRITING TO THE OWNERS AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL NOT PROCEED WITH INSTALLATION OF ANY IRRIGATION RELATED EQUIPMENT UNTIL THE EXISTING WATER PRESSURE HAS BEEN MEASURED AND A NOTICE OF ACCEPTANCE HAS BEEN ISSUED.**

**SPRINKLER STAKING:**  
THE SPRINKLER LOCATIONS SHALL BE PRECISELY LOCATED BY THE USE OF SURVEY GRADE, RTK GPS EQUIPMENT OR CONVENTIONAL SURVEY METHODS. THE FINAL SPRINKLER LOCATIONS SHALL BE BASED ON AN ACTUAL AS-BUILT SURVEY OF THE HARDSCAPE. SURROUNDING THE TURF AREAS AND MAY BE DIFFERENT FROM WHAT IS REPRESENTED ON THE DRAWINGS. THE IRRIGATION CONSULTANT SHALL PROVIDE THE HARDSCAPE AS-BUILT GPS SURVEY AND THE STAKED LOCATIONS OF ALL ROTARY AND SPRAY-TYPE SPRINKLERS. THE CONTRACTOR SHALL INCLUDE THE COST OF THIS WORK IN HIS BID.

**CERTIFIED LANDSCAPE IRRIGATION AUDIT:**  
THIS PROJECT WILL REQUIRE A CERTIFIED LANDSCAPE IRRIGATION AUDIT TO DETERMINE THE DISTRIBUTION UNIFORMITY OF ALL TURFGRASS AREAS. NO PLANT MATERIALS SHALL BE INSTALLED IN TURFGRASS AREAS UNTIL DISTRIBUTION UNIFORMITY RESULTS HAVE BEEN ACCEPTED BY THE GOVERNING AUTHORITY. AUDIT PREPARATION: THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSURING THAT THE SPRINKLER IRRIGATION SYSTEM IS IN FULL WORKING ORDER PRIOR TO AUDIT. THERE SHALL BE NO CLOGGED OR MISSING NOZZLES. NON-ROTATING SPRINKLERS MUST BE REPLACED OR REPAIRED. ALL DEBRIS OR DIRT PILES MUST BE REMOVED OR LEVELED AND EACH SPRINKLER MUST BE PROPERLY SET AND LEVELED. THE CONTRACTOR SHALL ALSO SET ALL PRESSURE REGULATION DEVICES OR VALVE FLOW CONTROLS (IF APPLICABLE) TO THE SPRINKLER DISCHARGE PRESSURE INDICATED IN THE LEGEND.

**SPECIFICATIONS AND DETAIL DRAWINGS:**  
THE CONTRACTOR SHALL REFER TO THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS AND DETAIL DRAWINGS FOR IRRIGATION CONSTRUCTION. IN THE EVENT OF A CONFLICT BETWEEN SPECIFICATIONS AND IRRIGATION DESIGN, THE CONTRACTOR SHALL NOTIFY THE OWNERS AUTHORIZED REPRESENTATIVE IN WRITING. THE CONTRACTOR SHALL NOT PROCEED WITH INSTALLATION OF CONFLICTING IRRIGATION COMPONENTS UNTIL HE RECEIVES CLARIFICATION IN WRITING FROM THE OWNERS AUTHORIZED REPRESENTATIVE. NO UNFITTED SWING JOINTS INSTALLED ON SPRINKLERS AS PER CITY OF ALBUQUERQUE REQUEST.

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KEEP ALL PIPING A MINIMUM OF 10 FEET AWAY FROM TREE TRUNK WHEN POSSIBLE - AS PER CITY OF ALBUQUERQUE REQUEST

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THE CONTRACTOR SHALL ADJUST THE THROWING RADIUS OF ALL PERTINENT SPRINKLER NOZZLES SO AS TO MINIMIZE THE OVERSPRAY ONTO HARDSCAPE OR OTHER UNINTENDED AREAS. THE CONTRACTOR SHALL ALSO INCLUDE IN HIS BID OR PRICING, AN ALLOWANCE FOR ANY SPRINKLER NOZZLE CHANGES THAT ARE DEEMED NECESSARY BY THE LANDSCAPE ARCHITECT OR IRRIGATION CONSULTANT TO CORRECT ISSUES OF OVERSPRAY, UNDERSPRAY OR DISTRIBUTION UNIFORMITY.

**IRRIGATION SATELLITE:**  
FOR ALL SATELLITES, THE CONTRACTOR SHALL HAVE A RADIO SIGNAL STRENGTH SURVEY PERFORMED TO VERIFY PROPER RADIO COMMUNICATION FROM THE SATELLITE LOCATION TO CENTRAL CONTROLLER LOCATION. THE CONTRACTOR SHALL INCLUDE IN HIS BID ANY EXTERNAL ANTENNAS AND EQUIPMENT NECESSARY TO FACILITATE PROPER COMMUNICATION.

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WHEN AVAILABLE FROM THE MANUFACTURER, ALL SPRINKLERS, BUBBLERS, VALVE HANDLES AND VALVE BOXES SHALL BE PURPLE IN COLOR TO INDICATE THE USE OF RECLAIMED WATER. FOR PIPING, WHEN PURPLE PIPE IS UNAVAILABLE, PURPLE WARNING TAPE SHALL BE INSTALLED IN THE TRENCHES.



**Irrigation Services LLC**  
Designers & Consultants

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PHONE: (505) 861-1536  
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**CONSENSUS PLANNING, INC.**  
Planning / Landscape Architecture  
302 Eighth Street NW  
Albuquerque, NM 87102  
(505) 764-9801 Fax 842-5495  
e-mail: cp@consensusplanning.com

CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
IRRIGATION PLAN - NE

Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	Mo. / Day / Yr.
City Project No.	713897	Zone Map No.	C-19
Sheet	X	of	X

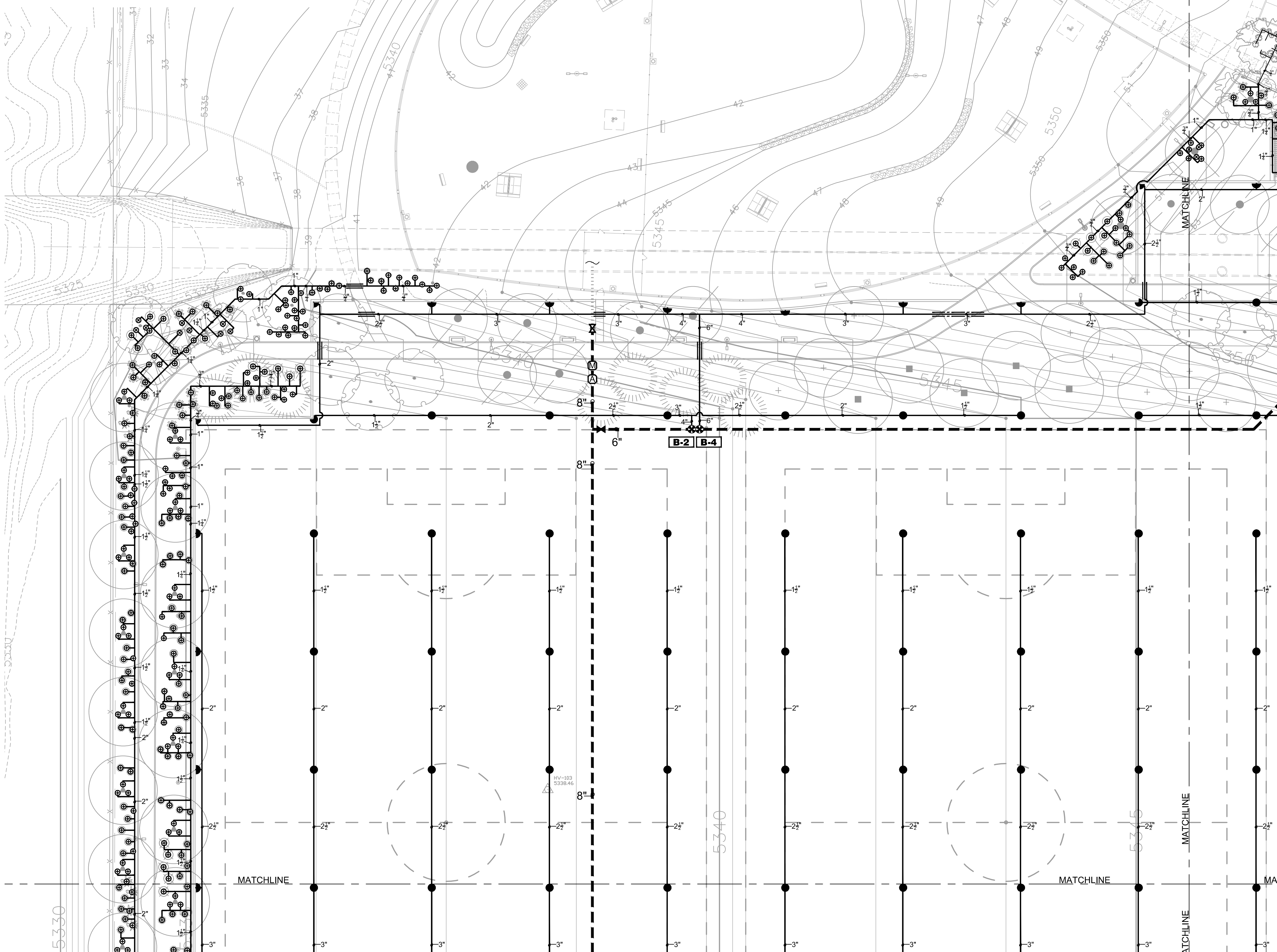
NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS

PROJECT #713897  
AUGUST 2015


RECORD DRAWINGS


FINAL FOR CONSTRUCTION








## RECORD DRAWINGS


 HUNTER #40-04-SS-R44 FULL CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #44 NOZZLE (63'R, 20gpm, .49"/hr @ 60psi)


 HUNTER #40-04-SS-R44 PART CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #44 NOZZLE (63'R, 20gpm, .97"/hr @ 60psi)


 HUNTER #40-04-SS-R44 PART CIRCLE ROTARY SPRINKLER WITH 4" POP-UP, STAINLESS STEEL RISER, CHECK VALVE, RECLAIMED WATER INDICATOR AND #43 NOZZLE (57'R, 15.1gpm, .89"/hr @ 60psi)


 RAINBIRD #1401 .25gpm TRICKLE PATTERN BUBBLER - INSTALL ONE PER SHRUB AND THREE PER TREE


 RAINBIRD #150-PEB-NP-HAN2 1 1/2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR VALVE HANDLE


 RAINBIRD #200-PEB-NP-HAN2 2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND RECLAIMED WATER INDICATOR VALVE HANDLE


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 IRON BODY PUSH-ON GATE VALVE WITH RESTRAINT SYSTEM (LINE SIZE)


 EXISTING 8" MAINLINE GATE VALVE


 CRISPEN #UL10.1 1" UNIVERSAL AIR RELEASE VALVE ASSEMBLY

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 MOTOROLA "ACE" SERIES SATELLITE IRRIGATION CONTROLLER WITH STATION SWITCHES, GOA RADIO TRANSMITTER, BATTERY, AND 12VDC SPEC ENCLOSURE AND 36 STATION OUTPUT - WIRE BOTH MASTER VALVE / FLOW METERS TO THE CONTROLLER

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OR

THE CONTRACTOR SHALL HIRE HIS OWN CONSTRUCTION STAKING FIRM TO PROVIDE AS-BUILT SURVEY DATA OF THE HARDSCAPE AREAS SURROUNDING THE TURF AREAS IN DIGITAL AUTOCAD FORMAT. THE DATA SHALL THEN BE FORWARDED TO THE IRRIGATION CONSULTANT, WHO WILL ADJUST SPRINKLER LOCATIONS ACCORDINGLY BASED ON THIS DATA. THE IRRIGATION CONSULTANT SHALL PROVIDE THE COORDINATE DATA OF EACH SPRINKLER TO THE CONTRACTOR TO BE FORWARDED TO THE SURVEY FIRM TO FIELD LOCATE. THE CONTRACTOR SHALL INCLUDE THE COST OF THIS WORK IN HIS BID.

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	PLANNING	<b>CONSENSUS PLANNING, INC.</b>								DATE	DESIGNED BY	DRAWN BY	CHECKED BY
		<i>Planning / Landscape Architecture</i>											
		302 Eighth Street NW											
		Albuquerque, NM 87102											
		(505) 764-9801 Fax 842-5495											
		e-mail: cp@consensusplanning.com											
CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN													
TITLE:		NORTH DOMINGO BACA PARK - PHASE 8  IRRIGATION PLAN - NW											
Design Review Committee		City Engineer Approval		Last Design Update	Mo. / Day / Yr.		Mo. / Day / Yr.						
City Project No.				Zone Map No.		Sheet		Of					
713897				C-19				X		X			

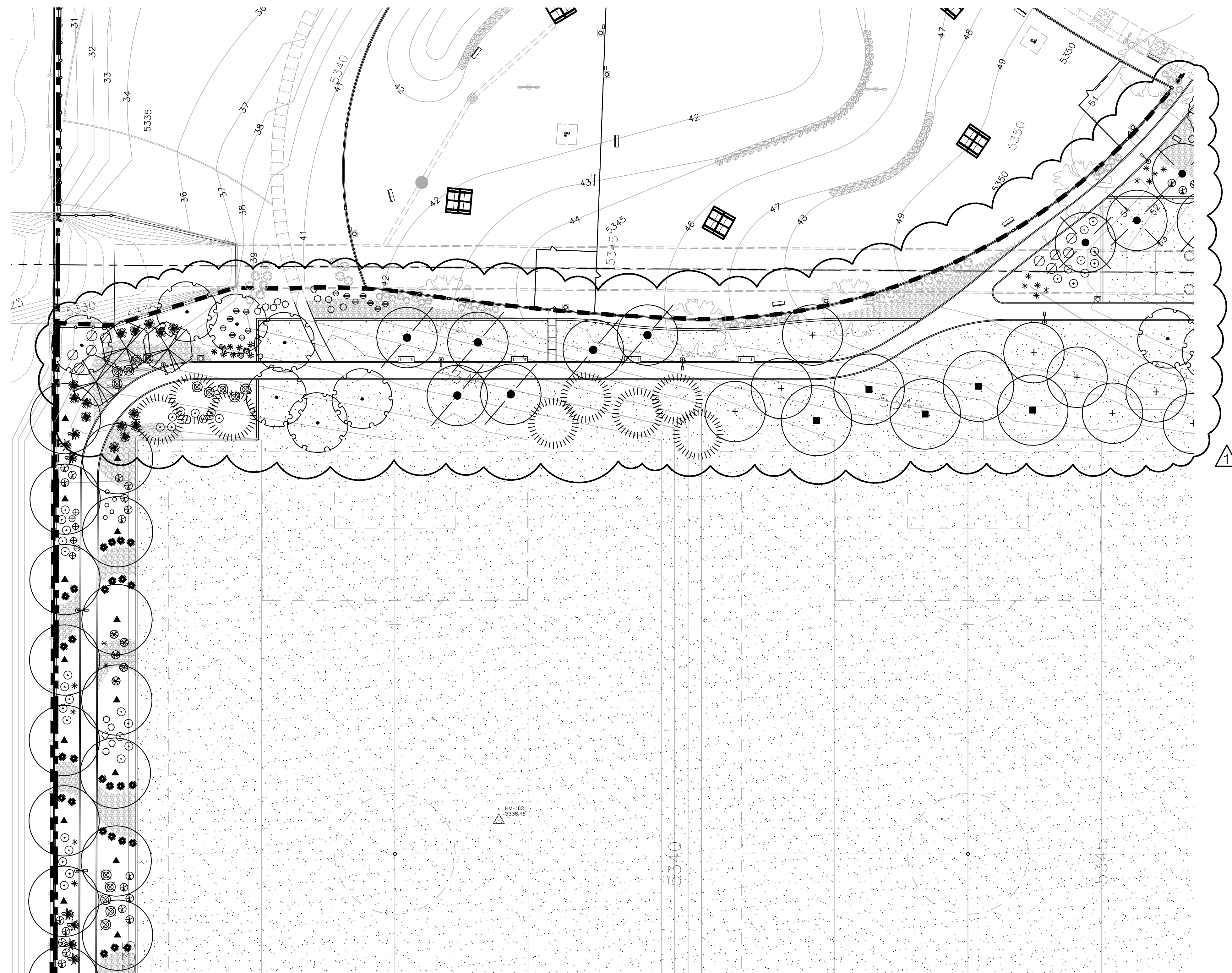
**FINAL FOR CONSTRUCTION**

**NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS**

PROJECT #713897  
AUGUST 2013

## RECORD DRAWINGS

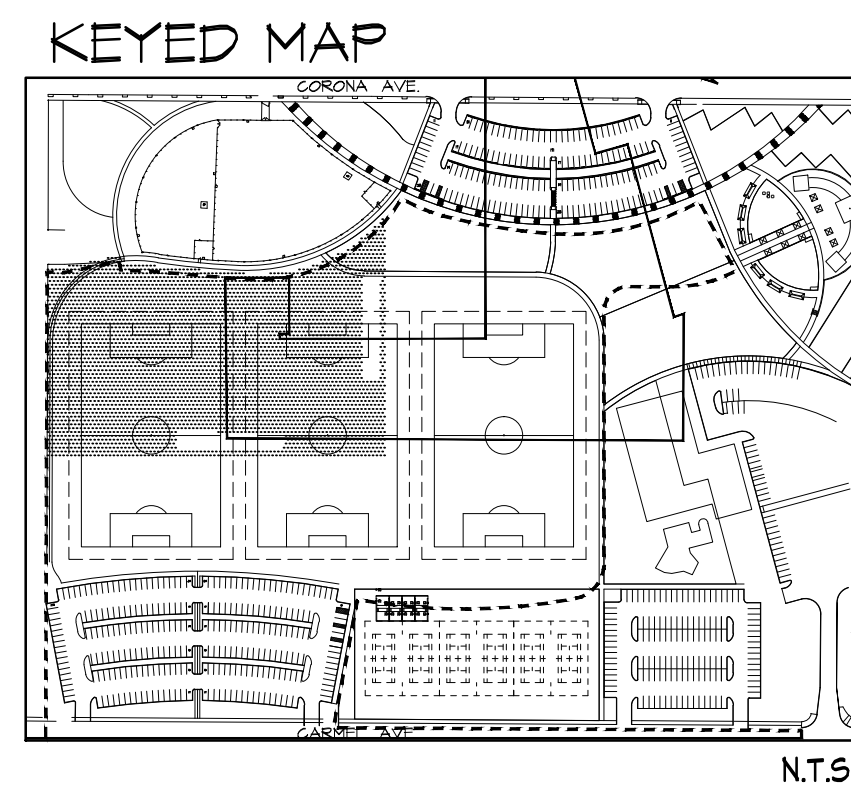




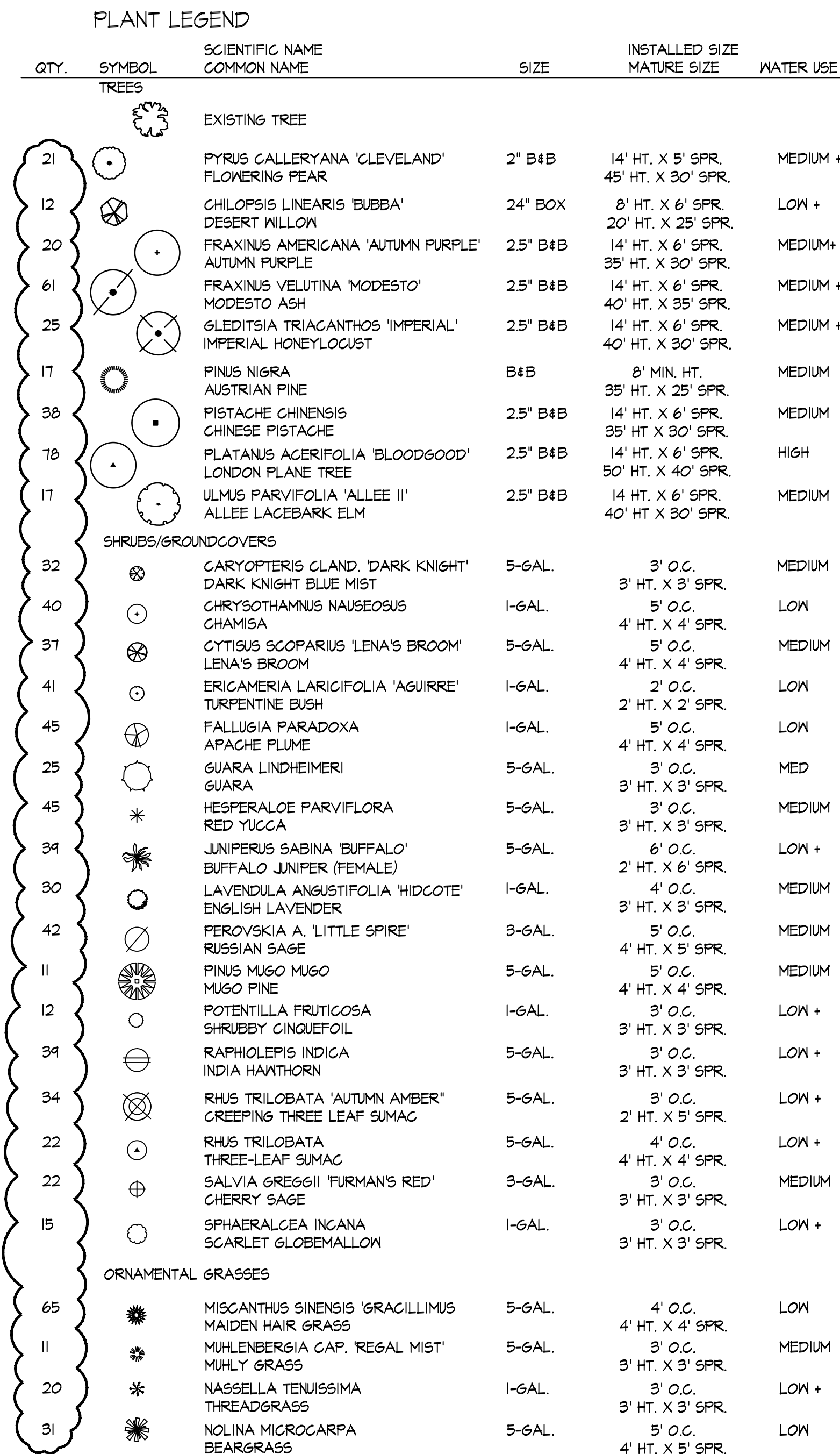
REDRAWN FOR  
RECORD PURPOSES

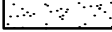



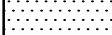
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- GENERAL LANDSCAPE NOTES
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  2. IF DISCREPANCIES OCCUR BETWEEN THE DRAWINGS AND THE SITE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING ON THAT PORTION OF WORK.
  3. ALL PLANTING AREAS ARE TO HAVE NEEDS AND COMPETITIVE VEGETATION REMOVED PRIOR TO PREPARATION FOR PLANTING.
  4. ALL EXISTING PLANT MATERIALS SHALL BE PROTECTED DURING CONSTRUCTION. DAMAGED MATERIALS SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
  5. PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY, PLANS SHALL TAKE PRECEDENCE.
  6. THE OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT MATERIAL PRIOR TO PLANTING. IN ADDITION, THE OWNER REPRESENTATIVE RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE. THE OWNER'S REPRESENTATIVE IS TO APPROVE ANY AND ALL SUBSTITUTIONS.
  7. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS.
  8. PLANTING INSTALLATION SHALL BE IN ACCORDANCE WITH ALL CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS (SECTION 1005 - PLANTING) AND DETAILS. TURF SEED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS (SECTION 1011 - TURF GRASS SEEDING).



	PARK BLEND SEED (TALL FESCUE, KENTUCKY BLUEGRASS, RYE) PER COA SPECIFICATION SECTION 010.
	2"-4" SAN LAZARUS GRAY COBBLE (6" DEPTH OVER FILTER FABRIC ON FLAT GRADES - NO FABRIC ON SLOPE).
	SANTA FE BROWN CRUSHER FINES (4" DEPTH)
	$\frac{3}{8}$ " PUEBLO ROSE ROCK MULCH (4" DEPTH OVER FILTER FABRIC)
	LANDSCAPE BOULDERS (3" MIN. DIMENSION-MOSS ROCK).

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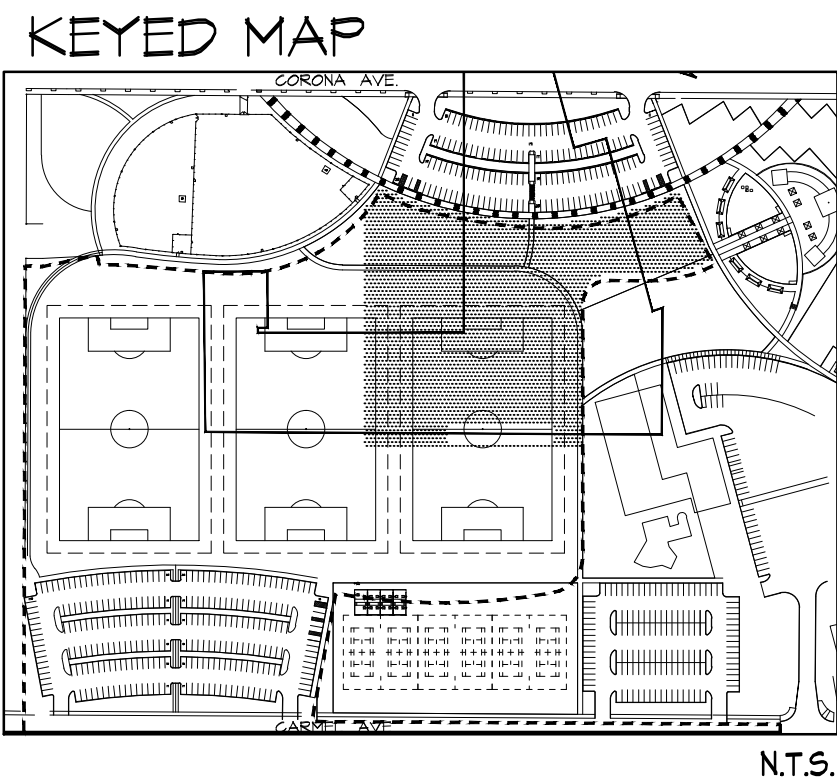
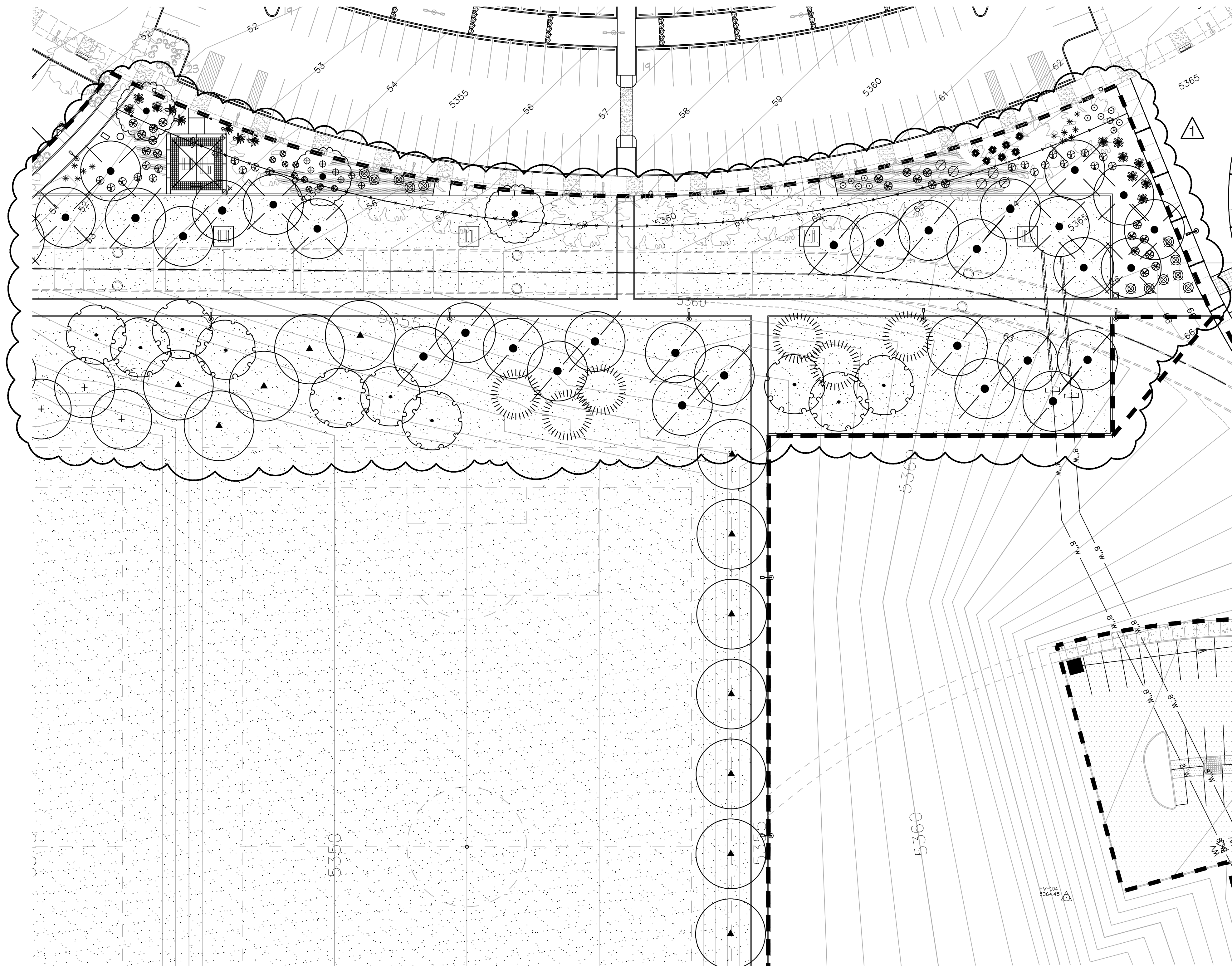
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**NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS**

PROJECT #713897  
AUGUST 2013

**FINAL FOR CONSTRUCTION**





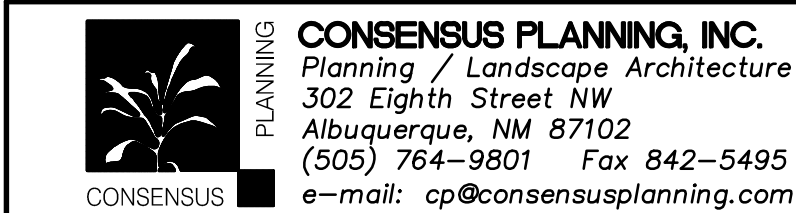
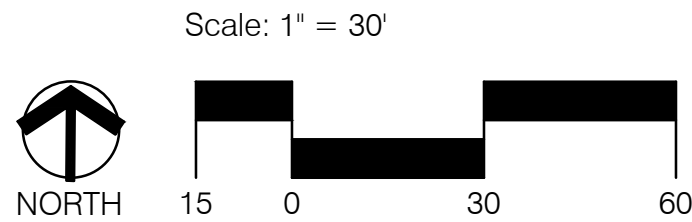
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### PLANT LEGEND

SYMBOL	SCIENTIFIC NAME COMMON NAME	SIZE	INSTALLED SIZE MATURE SIZE	WATER USE
TREES				
	EXISTING TREE			
	PYRUS CALLERYANA 'CLEVELAND' FLOWERING PEAR	2" B&B	14' HT. X 5' SPR. 45' HT. X 30' SPR.	MEDIUM +
	CHILOPSIS LINEARIS 'BUBBA' DESERT WILLOW	24" BOX	8' HT. X 6' SPR. 20' HT. X 25' SPR.	LOW +
	FRAXINUS AMERICANA 'AUTUMN PURPLE' AUTUMN PURPLE	2.5" B&B	14' HT. X 6' SPR. 35' HT. X 50' SPR.	MEDIUM+
	FRAXINUS VELUTINA 'MODESTO' MODESTO ASH	2.5" B&B	14' HT. X 6' SPR. 40' HT. X 35' SPR.	MEDIUM +
	GLEDITSIA TRIACANTHOS 'IMPERIAL' IMPERIAL HONEYLOCUST	2.5" B&B	14' HT. X 6' SPR. 40' HT. X 30' SPR.	MEDIUM +
	PINUS NIGRA AUSTRIAN PINE	B&B	8' MIN. HT. 35' HT. X 25' SPR.	MEDIUM
	PISTACHE CHINENSIS CHINESE PISTACHE	2.5" B&B	14' HT. X 6' SPR. 35' HT. X 30' SPR.	MEDIUM
	PLATANUS ACERIFOLIA 'BLOODGOOD' LONDON PLANE TREE	2.5" B&B	14' HT. X 6' SPR. 50' HT. X 40' SPR.	HIGH
	ULMUS PARVIFOLIA 'ALLEE II' ALLEE LACEBARK ELM	2.5" B&B	14' HT. X 6' SPR. 40' HT. X 30' SPR.	MEDIUM
SHRUBS/GROUNDCOVERS				
	CARYOPTERIS GLAND. 'DARK KNIGHT' DARK KNIGHT BLUE MIST	5-GAL.	3' O.C. 3' HT. X 3' SPR.	MEDIUM
	CHRYSOTHAMNUS NAUSEOSUS CHAMISA	1-GAL.	5' O.C. 4' HT. X 4' SPR.	LOW
	CYTISUS SCOPARIUS 'LENA'S BROOM' LENA'S BROOM	5-GAL.	5' O.C. 4' HT. X 4' SPR.	MEDIUM
	ERIGAMERIA LARICIFOLIA 'AGUIRRE' TURPENTINE BUSH	1-GAL.	2' O.C. 2' HT. X 2' SPR.	LOW
	FALLUGIA PARADOXA APACHE PLUME	1-GAL.	5' O.C. 4' HT. X 4' SPR.	LOW
	GUARA LINDHEIMERI GUARA	5-GAL.	3' O.C. 3' HT. X 3' SPR.	MED
	HESPERALOE PARVIFLORA RED YUCCA	5-GAL.	3' O.C. 3' HT. X 3' SPR.	MEDIUM
	JUNIFERUS SABINA 'BUFFALO' BUFFALO JUNIPER (FEMALE)	5-GAL.	6' O.C. 2' HT. X 6' SPR.	LOW +
	LAVENDULA ANGUSTIFOLIA 'HIDCOTE' ENGLISH LAVENDER	1-GAL.	4' O.C. 3' HT. X 3' SPR.	MEDIUM
	PEROVSKIA A. 'LITTLE SPIRE' RUSSIAN SAGE	3-GAL.	5' O.C. 4' HT. X 5' SPR.	MEDIUM
	PINUS MUGO MUGO MUGO PINE	5-GAL.	5' O.C. 4' HT. X 4' SPR.	MEDIUM
	POTENTILLA FRUTICOSA SHRUBBY CINQUEFOIL	1-GAL.	3' O.C. 3' HT. X 3' SPR.	LOW +
	RAPIHOLEPIS INDICA INDIA HAWTHORN	5-GAL.	3' O.C. 3' HT. X 3' SPR.	LOW +
	RHUS TRILOBATA 'AUTUMN AMBER' CREEPING THREE LEAF SUMAC	5-GAL.	3' O.C. 2' HT. X 5' SPR.	LOW +
	RHUS TRILOBATA THREE-LEAF SUMAC	5-GAL.	4' O.C. 4' HT. X 4' SPR.	LOW +
	SALVIA GREGGII 'FURMAN'S RED' CHERRY SAGE	3-GAL.	3' O.C. 3' HT. X 3' SPR.	MEDIUM
	SPHAERALCEA INCANA SCARLET GLOBEMALLOW	1-GAL.	3' O.C. 3' HT. X 3' SPR.	LOW +
ORIENTAL GRASSES				
	MISCANTHUS SINENSIS 'GRACILLIMUS' MAIDEN HAIR GRASS	5-GAL.	4' O.C. 4' HT. X 4' SPR.	LOW
	MUHLEBERGIA CAP. 'REGAL MIST' MUHLY GRASS	5-GAL.	3' O.C. 3' HT. X 3' SPR.	MEDIUM
	NASSELLA TENUISSIMA THREADGRASS	1-GAL.	3' O.C. 3' HT. X 3' SPR.	LOW +
	NOLINA MICROCARPA BEARGRASS	5-GAL.	5' O.C. 4' HT. X 5' SPR.	LOW
REVISIONS				
	PARK BLEND SEED (TALL FESCUE, KENTUCKY BLUEGRASS, RYE), PER COA SPECIFICATION SECTION 1011.			
	2"-4" SAN LAZARUS GRAY COBBLE (6" DEPTH OVER FILTER FABRIC ON FLAT GRADES - NO FABRIC ON SLOPE).			
	SANTA FE BROWN CRUSHER FINES (4" DEPTH)			
	1/2" PUEBLO ROSE ROCK MULCH (4" DEPTH OVER FILTER FABRIC)			
	LANDSCAPE BOULDERS (3' MIN. DIMENSION-MOSS ROCK).			



CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
PLANTING PLAN

Design Review Committee	City Engineer Approval	No. / Day / Yr.	No. / Day / Yr.

City Project No. 713897 Zone Map No. C-19 Sheet L6 Of 29

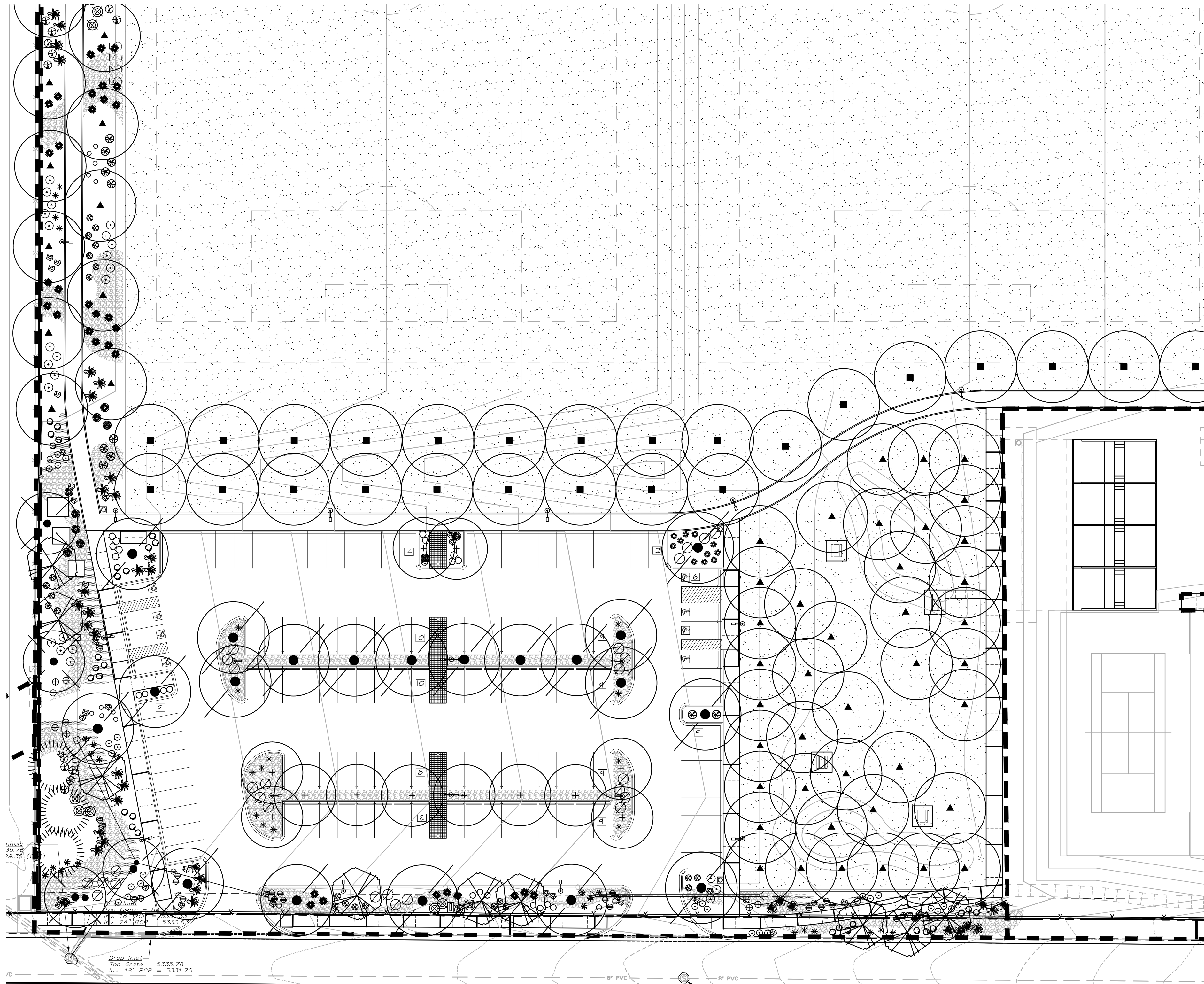
RECORD DRAWINGS

PROJECT #713897  
AUGUST 2013

NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS

FINAL FOR CONSTRUCTION



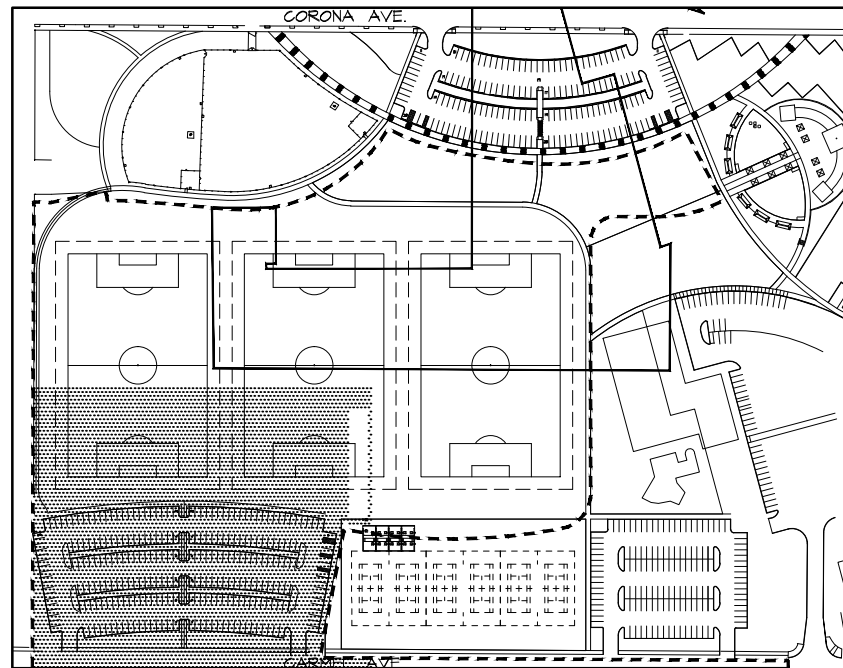


PLANT LEGEND

SYMBOL	SCIENTIFIC NAME COMMON NAME	SIZE	INSTALLED SIZE MATURE SIZE	WATER USE
TREES				
	EXISTING TREE			
	PYRUS CALLERYANA 'CLEVELAND' FLOWERING PEAR	2" B&B	14' HT. X 5' SPR. 45' HT. X 30' SPR.	MEDIUM +
	CHILOPSIS LINEARIS 'BUBBA' DESERT WILLOW	24" BOX	8' HT. X 6' SPR. 20' HT. X 25' SPR.	LOW +
	FRAXINUS AMERICANA 'AUTUMN PURPLE' AUTUMN PURPLE	2.5" B&B	14' HT. X 6' SPR. 35' HT. X 30' SPR.	MEDIUM+
	FRAXINUS VELUTINA 'MODESTO' MODESTO ASH	2.5" B&B	14' HT. X 6' SPR. 40' HT. X 35' SPR.	MEDIUM +
	GLEDITSIA TRIACANTHOS 'IMPERIAL' IMPERIAL HONEYLOCUST	2.5" B&B	14' HT. X 6' SPR. 40' HT. X 30' SPR.	MEDIUM +
	PINUS NIGRA AUSTRIAN PINE	B&B	8' MIN. HT. 35' HT. X 25' SPR.	MEDIUM
	PISTACHE CHINENSIS CHINESE PISTACHE	2.5" B&B	14' HT. X 6' SPR. 35' HT. X 30' SPR.	MEDIUM
	PLATANUS ACERIFOLIA 'BLOODGOOD' LONDON PLANE TREE	2.5" B&B	14' HT. X 6' SPR. 50' HT. X 40' SPR.	HIGH
	ULMUS PARVIFOLIA 'ALLEE II' ALLEE LACEBARK ELM	2.5" B&B	14 HT. X 6' SPR. 40' HT X 30' SPR.	MEDIUM
SHRUBS/GROUNDCOVERS				
	CARYOPTERIS GLAND. 'DARK KNIGHT' DARK KNIGHT BLUE MIST	5-GAL.	3' O.C. 3' HT. X 3' SPR.	MEDIUM
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	RHUS TRILOBATA 'AUTUMN AMBER' CREEPING THREE LEAF SUMAC	5-GAL.	3' O.C. 2' HT. X 5' SPR.	LOW +
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	SALVIA GREGGII 'FURMAN'S RED' CHERRY SAGE	3-GAL.	3' O.C. 3' HT. X 3' SPR.	MEDIUM
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ORNAMENTAL GRASSES				
	MISCANTHUS SINENSIS 'GRACILLIMUS' MAIDEN HAIR GRASS	5-GAL.	4' O.C. 4' HT. X 4' SPR.	LOW
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- PARK BLEND SEED (TALL FESCUE, KENTUCKY BLUEGRASS, RYE),  
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- 2"-4" SAN LAZARUS GRAY COBBLE (6" DEPTH OVER  
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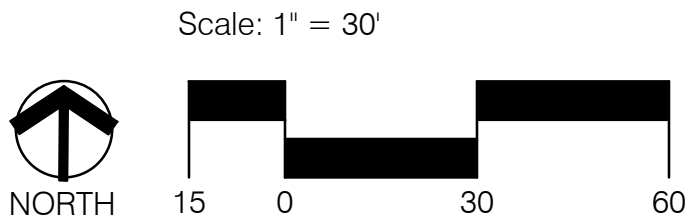
KEYED MAP



- GENERAL LANDSCAPE NOTES
1. PRIOR TO BEGINNING WORK ON THE PROJECT, THE LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT IN THE FIELD WITH THE OWNER'S REPRESENTATIVE.
  2. IF DISCREPANCIES OCCUR BETWEEN THE DRAWINGS AND THE SITE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR CLARIFICATION PRIOR TO PROCEEDING ON THAT PORTION OF WORK.
  3. ALL PLANTING AREAS ARE TO HAVE WEEDS AND COMPETITIVE VEGETATION REMOVED PRIOR TO PREPARATION FOR PLANTING.
  4. ALL EXISTING PLANT MATERIALS SHALL BE PROTECTED DURING CONSTRUCTION. DAMAGED MATERIALS SHALL BE REPLACED IN KIND AT THE CONTRACTOR'S EXPENSE.
  5. PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY, PLANS SHALL TAKE PRECEDENCE.
  6. THE OWNER'S REPRESENTATIVE SHALL APPROVE ALL PLANT MATERIAL PRIOR TO PLANTING. IN ADDITION, THE OWNER REPRESENTATIVE RESERVES THE RIGHT TO REFUSE ANY PLANT MATERIAL DEEMED UNACCEPTABLE. THE OWNER'S REPRESENTATIVE IS TO APPROVE ANY AND ALL SUBSTITUTIONS.
  7. IT IS THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS.
  8. PLANTING INSTALLATION SHALL BE IN ACCORDANCE WITH ALL CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS (SECTION 1005 - PLANTING) AND DETAILS. TURF SEED INSTALLATION SHALL BE IN ACCORDANCE WITH ALL CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS (SECTION 1011 - TURF GRASS SEEDING).

REDRAWN FOR  
RECORD PURPOSES

RECORD DRAWINGS  
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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

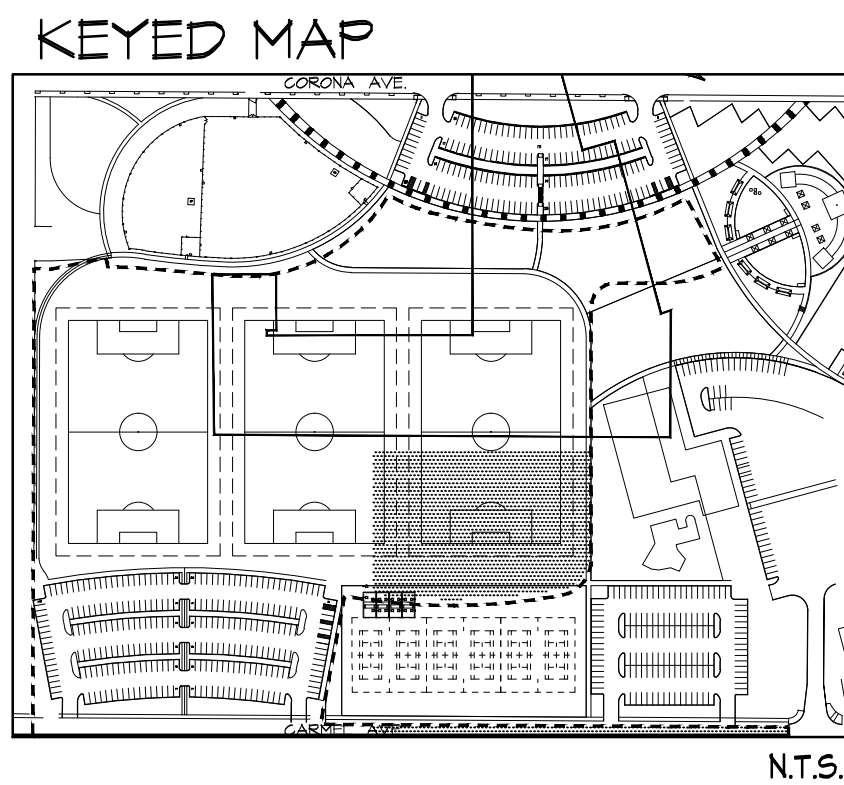
TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
PLANTING PLAN

Design Review Committee	City Engineer Approval	No. / Day / Yr.	No. / Day / Yr.
City Project No.	713897	Zone Map No.	C-19
		Sheet	L7
		Of	29

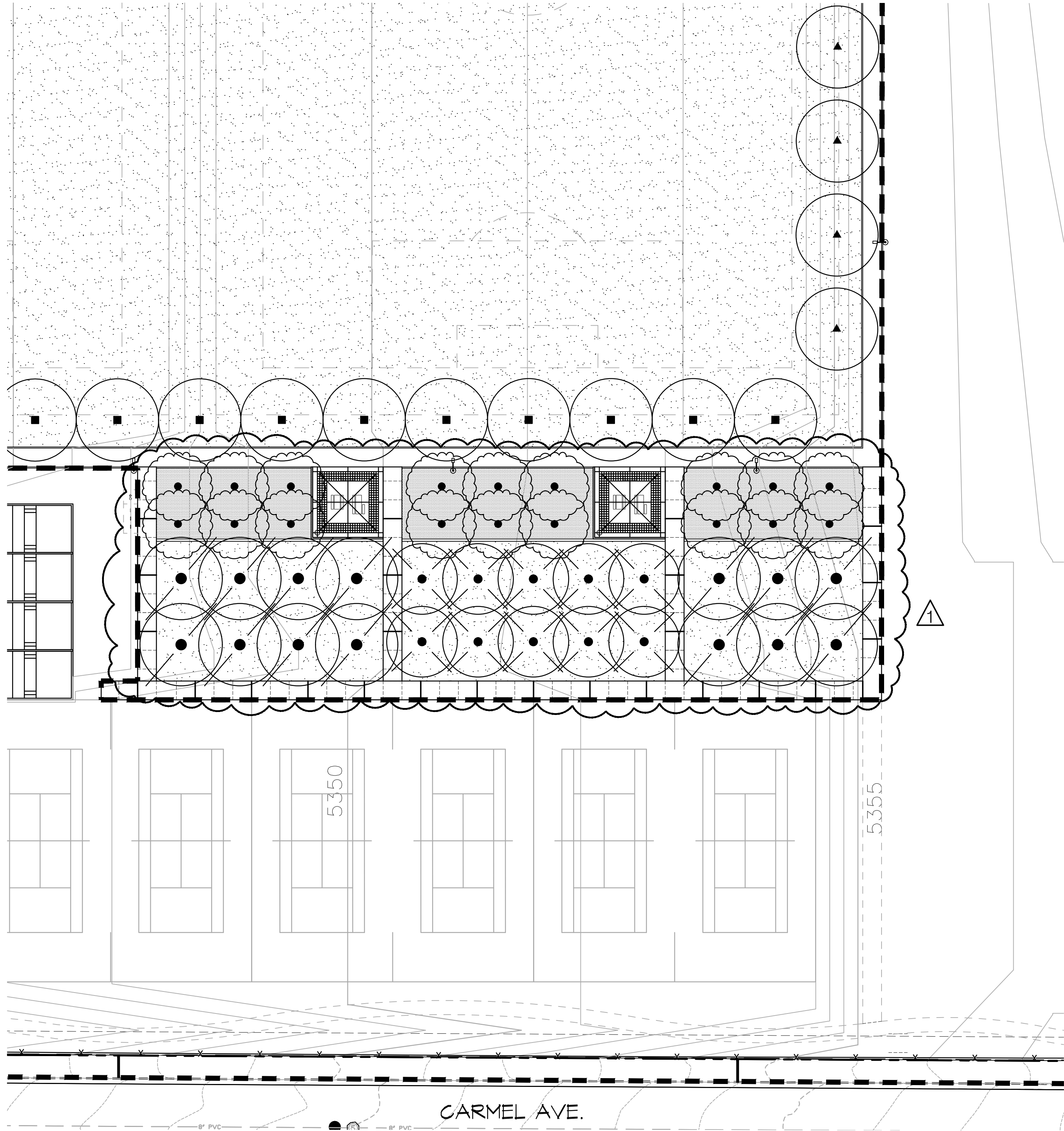
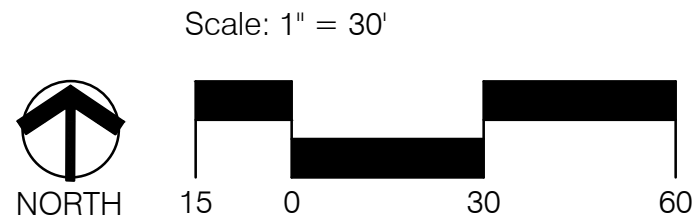


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PLANT LEGEND

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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

TITLE: NORTH DOMINGO BACA PARK - PHASE 8  
PLANTING PLAN

Design Review Committee	City Engineer Approval	No. / Day / Yr.	No. / Day / Yr.
City Project No.	713897	Zone Map No.	C-19
Sheet	L8	Of	29

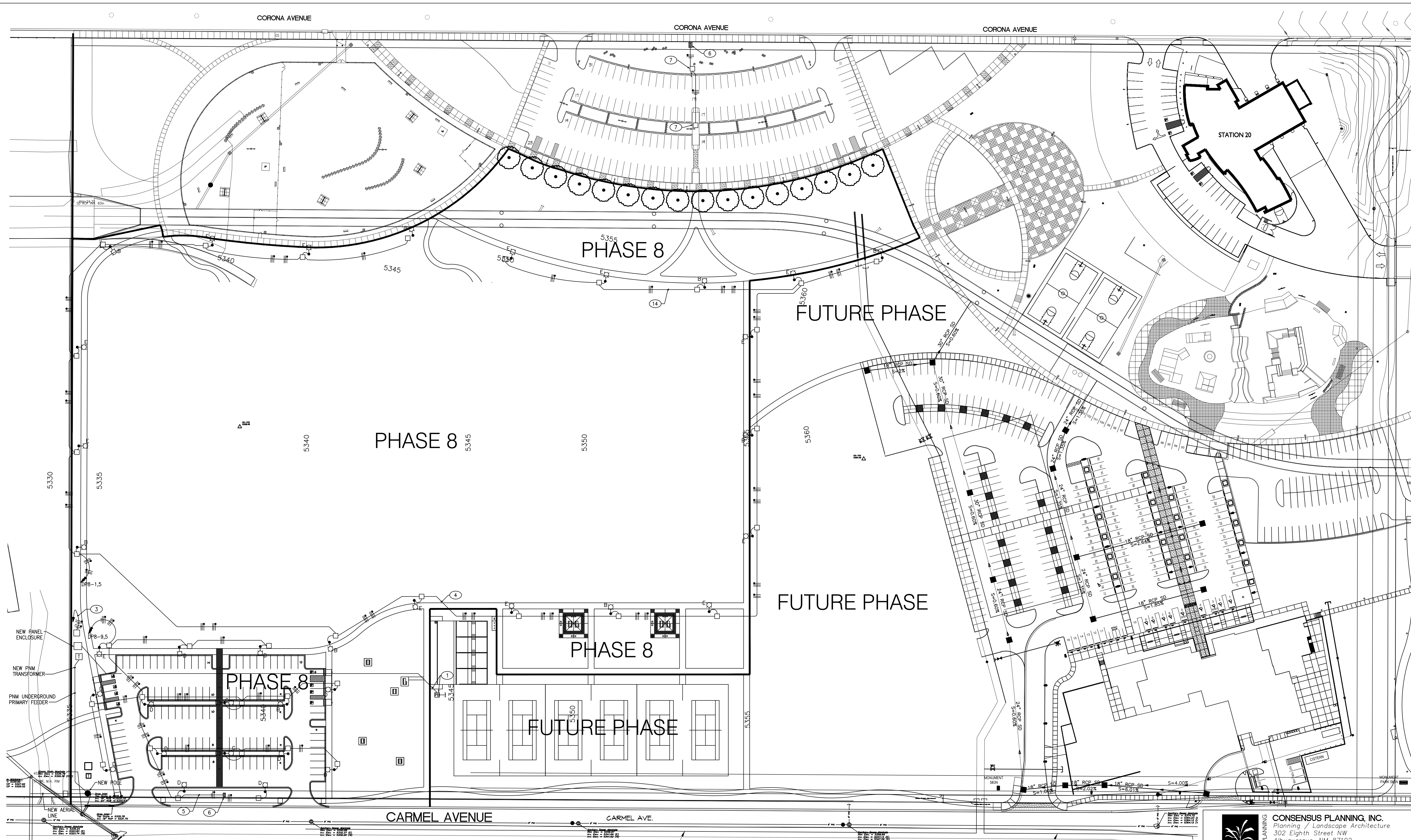
RECORD DRAWINGS

PROJECT #713897  
AUGUST 2013

NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS

FINAL FOR CONSTRUCTION





## WARNING

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE UTILITY OR PIPELINE COMPANY, THE OWNER OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF TO THE LOCATION OF ANY UTILITY LINE, PIPELINE OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE OF ANY AND ALL DAMAGE CAUSED BY IT'S FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL COMPLY WITH ALL STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES, AND REGULATIONS, IF ANY, PERTAINING TO THE PROTECTION OF EXISTING UTILITIES, LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "NM ONE CALL" PROCEDURES, OR OTHERWISE.

## KEYED NOTES

- ① PROVIDE AND INSTALL A 12" X 18" X 24", TRAFFIC RATED, PRE CAST CONCRETE PULLBOX FOR EXTENSION OF LIGHTING CIRCUITS TO FUTURE TENNIS COURTS. STUB OUT A 1 1/2" PVC CONDUIT FOR PULLBOX AND CAP. PROVIDE A BOLLARD AT THE END OF CONDUIT FOR STUB OUT LOCATION.
  - ② EXTEND A 1 1/2" CONDUIT FROM THE PANEL LOCATION FOR THE EXTENSION OF CIRCUITS TO THE TENNIS COURT. BASKETBALL COURT.
  - ③ CIRCUIT EXTENDED TO THE IRRIGATION CONTROLLER AND BACKFLOW PREVENTER.
  - ④ PROVIDE AND INSTALL #8 CONDUCTORS IN A 1 1/2" PVC CONDUIT FOR THE ENTIRE LIGHTING CIRCUIT. REFER TOO NUMBER OF TICK MARKS FOR NUMBER OF CONDUCTORS REQUIRED IN THAT LENGTH OF CONDUIT.
  - ⑤ FROM THE PHOTO CELL ON PHOTO CELL OFF CIRCUIT LOCATED IN THIS PULLBOX EXTEND 3 # 8 IN A 1" CONDUIT TO NEW LIGHTING FIXTURES AT SIGN. MAKE ALL FINAL CONNECTIONS TO FIXTURES.
  - ⑥ THE CONTRACTOR SHALL PROVIDE AND INSTALL A LED, WET LOCATION, SIGN LIGHTS. FIXTURE SHALL BE LOCATED IN THE CONCRETE BASE OF MONUMENT SIGN. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE MONUMENT SIGN DETAIL. FIXTURE SHALL BE AS MANUFACTURED BY ALLSCAPE #SL-23-TITAN 25CW-CUS3-120-27725,45-WW-F-NA-GM OR APPROVED EQUAL.
  - ⑦ FROM THE PHOTO CELL ON TO PHOTO CELL OFF CIRCUIT LOCATED IN THE EXISTING PULLBOX EXTEND 3 # 8 - VA THE EXISTING CONDUIT TO THE EXISTING PULLBOX LOCATED THE CLOSEST TO THE SIGN LOCATION. FROM THAT PULLBOX EXTEND 3 # 8 IN A 1" CONDUIT TO NEW LIGHTING FIXTURES AT SIGN. MAKE ALL FINAL CONNECTIONS TO FIXTURES.

REDRAWN FOR  
RECORD PURPOSES

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**THE RESPONSE GROUP, INC.**  
An Electrical/Mechanical Engineering Corporation  
11930 Menaul N.E. Suite 214  
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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT  
STRATEGIC PLANNING AND DESIGN

**TITLE:** NORTH DOMINGO BACA PARK - PHASE 8  
ELECTRICAL SITE PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.		
City Project No.	713897	Zone Map No.	C-19	Sheet	E1	Of

SURVEY INFORMATION		BENCH MARKS	AS-BUILT INFORMATION	
FIELD NOTES			CONTRACTOR	
NO.	BY	DATE	WORK STARTED BY	DATE
			ASSISTED BY	DATE
			FIELD INSPECTION BY	DATE
			DRAWINGS BY	DATE
			MICRO-FILM INFORMATION	
			RECORDED BY	DATE
			NO.	

ENGINEERS SEAL

10152

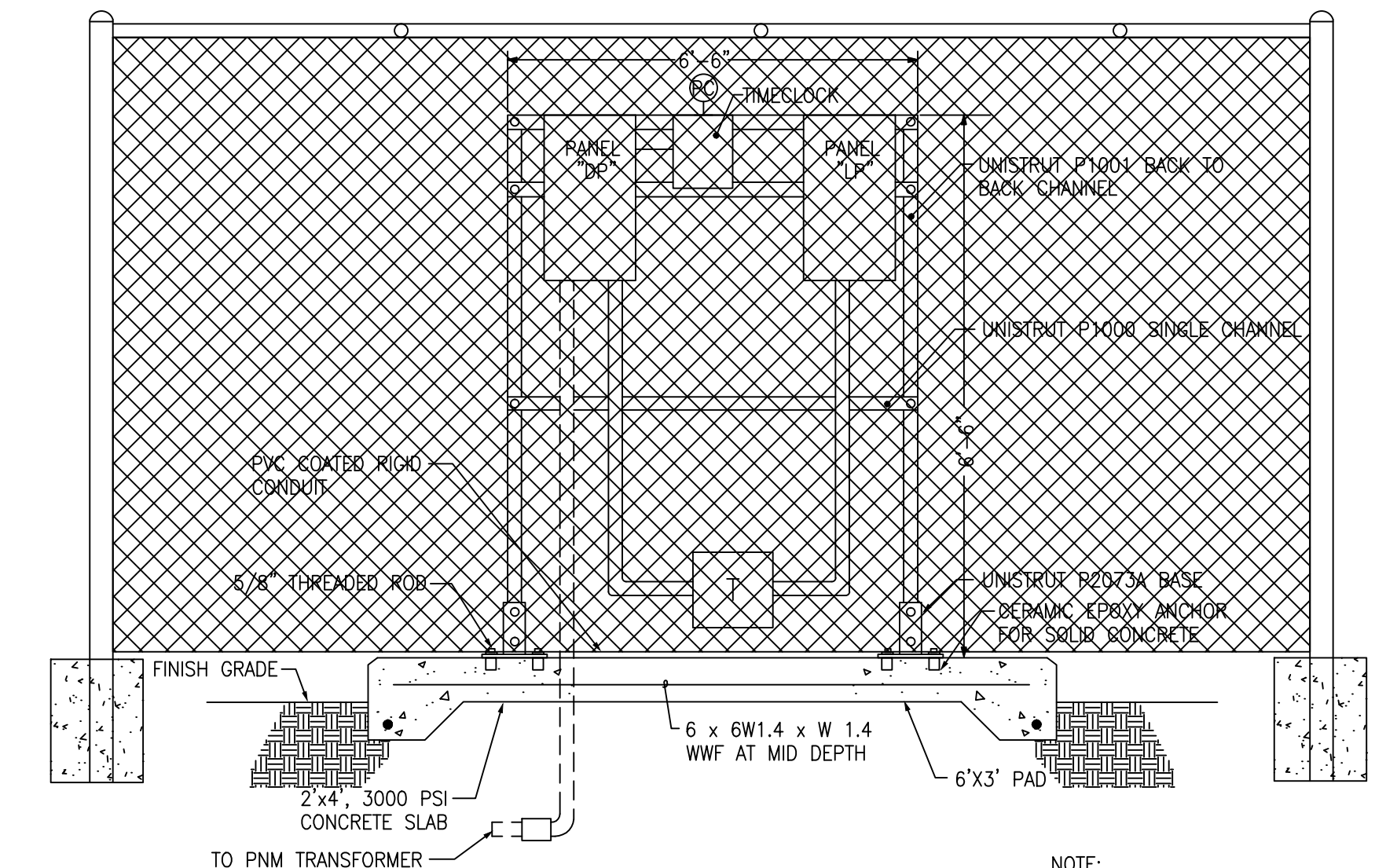
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## RECORD DRAWINGS

**NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS**

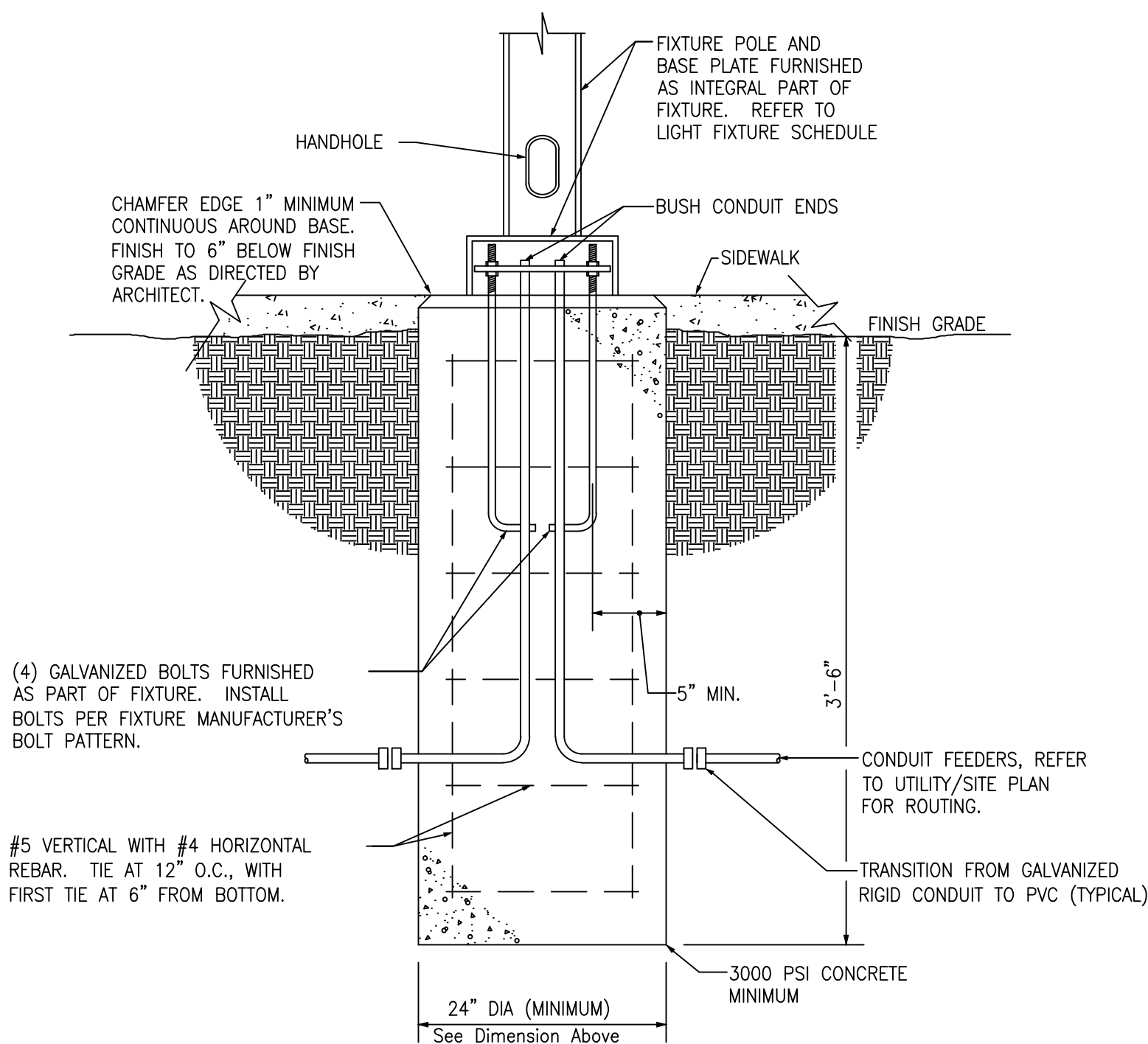
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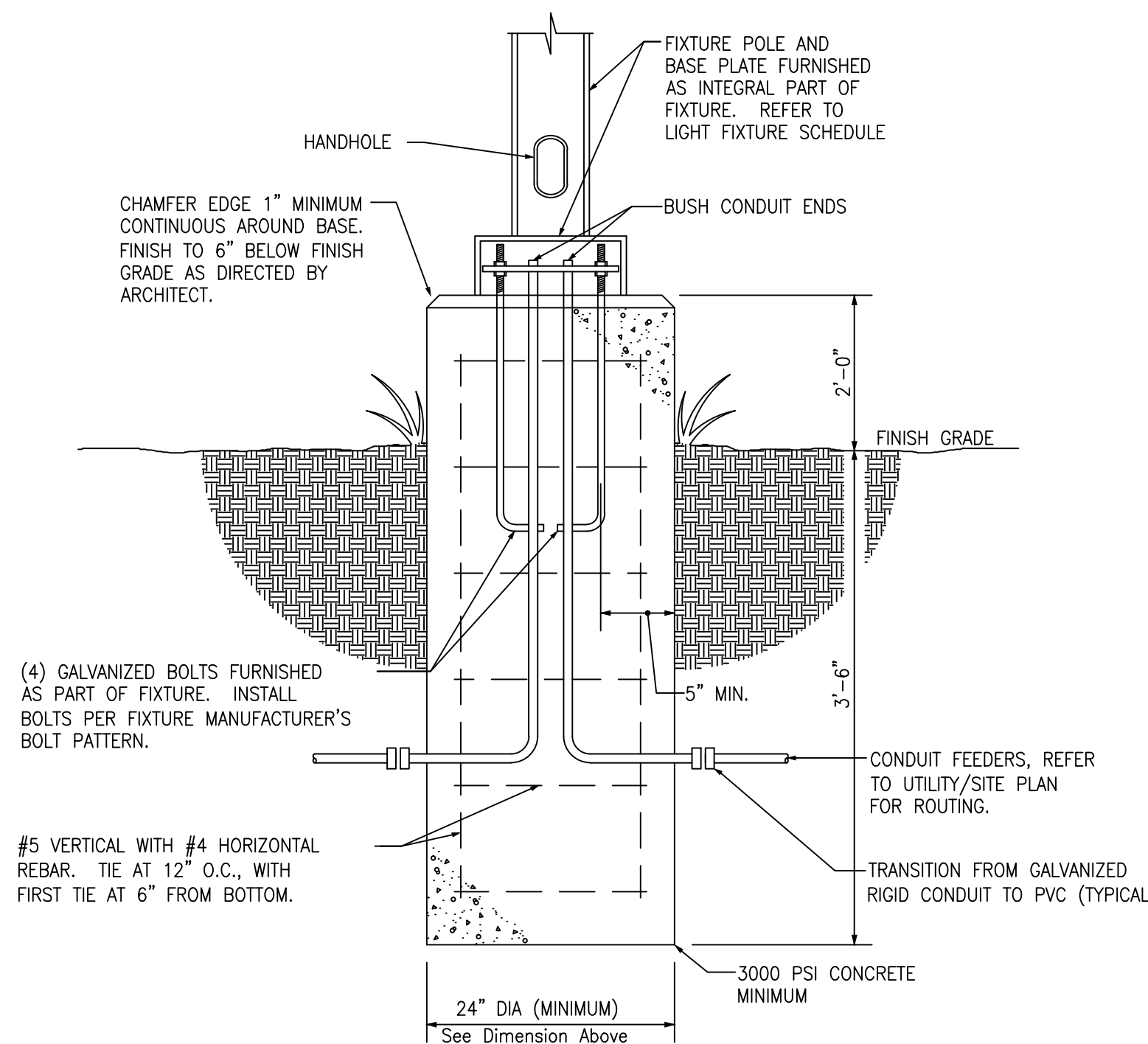
METER CENTER/PANEL "DP" RACK AND FENCE

NO SCALE



FIXTURE TYPE "B" AND "E" MOUNTING DETAIL

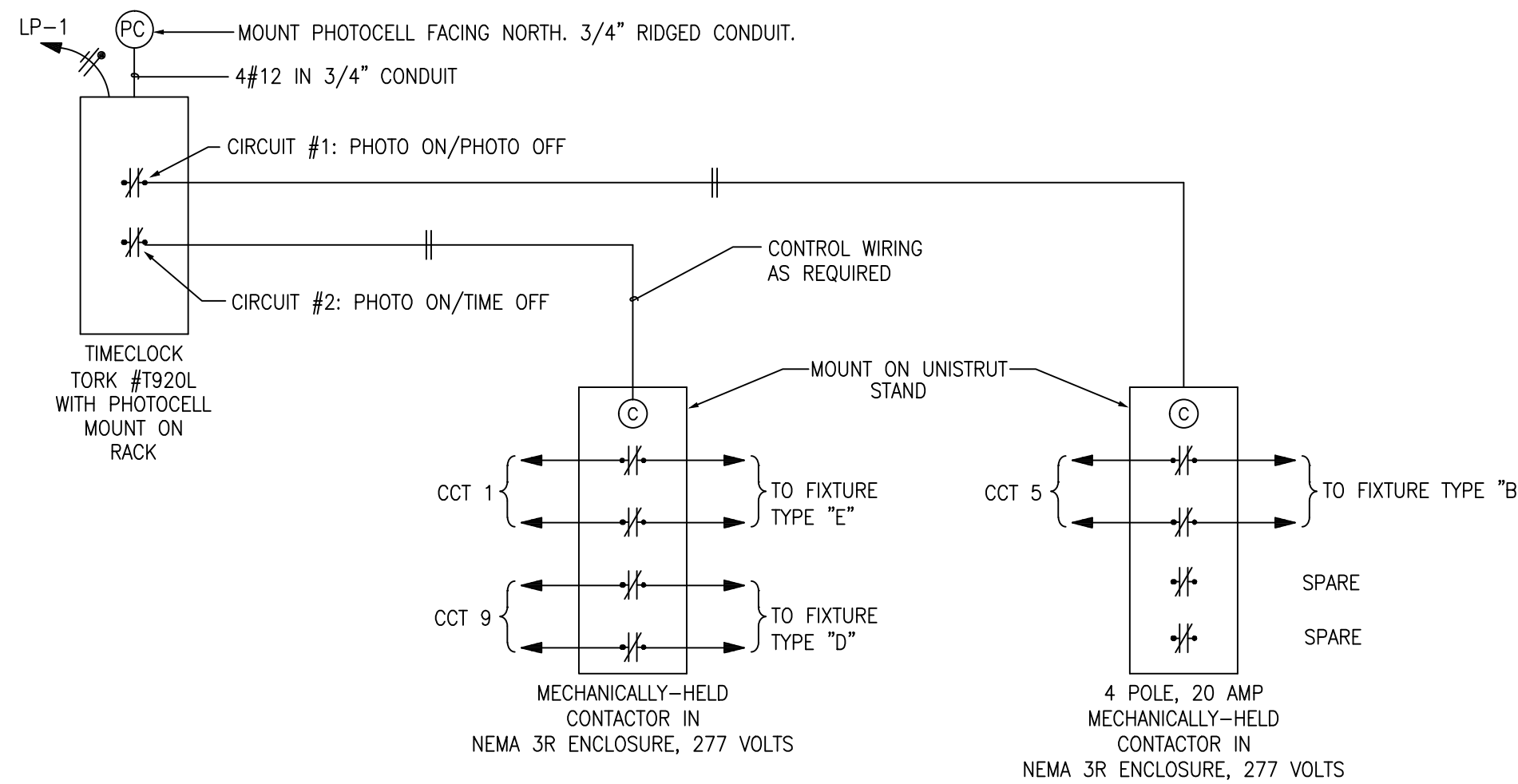
NOT TO SCALE



FIXTURE TYPE "C AND D" MOUNTING DETAIL

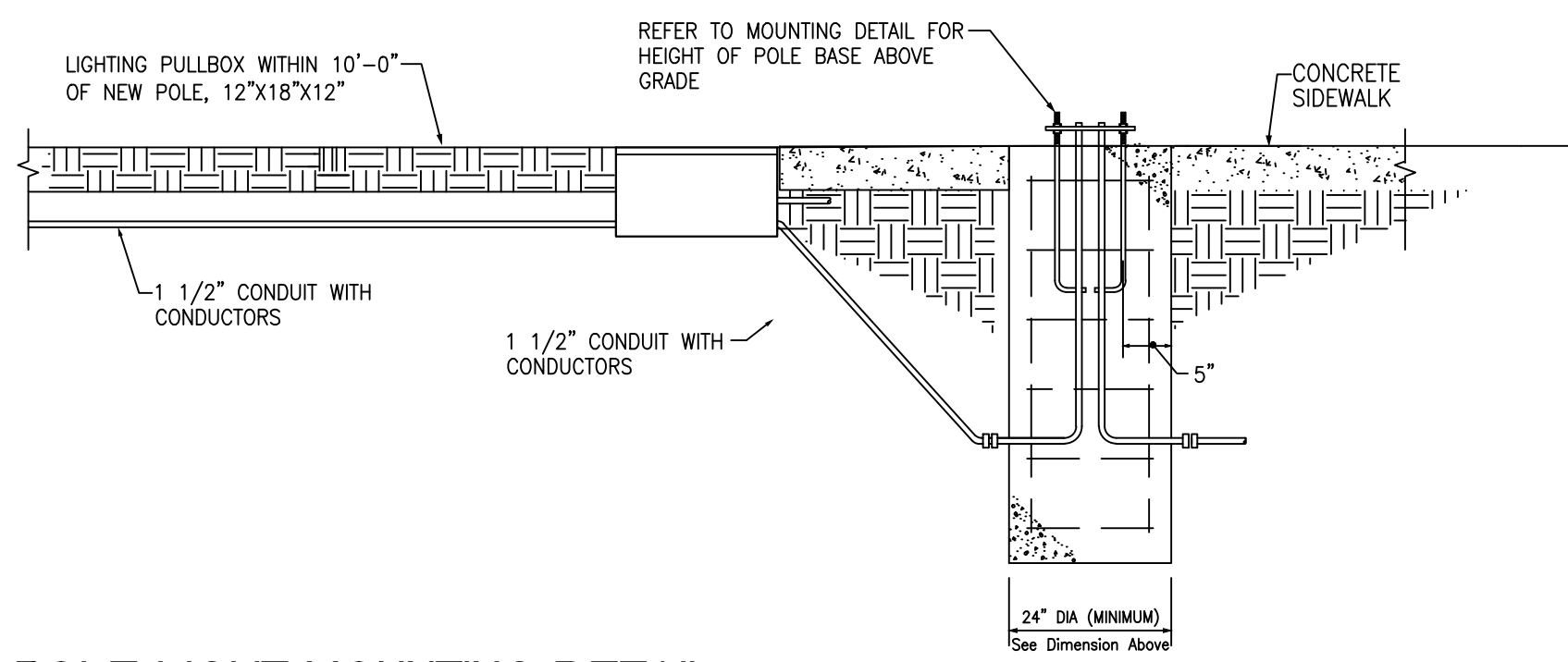
NOT TO SCALE

LIGHT FIXTURE SCHEDULE			
TYPE	FIXTURE DESCRIPTION	LAMPS	MOUNTING
B	POLE MOUNTED FIXTURE, 16'-0" POLE, 150 WATT HPS, SINGLE HEAD.	1-150 WATT HPS	REFER TO DETAIL
	LUMARK HPHR-R2-150-MT-0A1062B2-SSS4A-25		
C	POLE MOUNTED FIXTURE, 16'-0" POLE, 150 WATT HPS, DOUBLE HEAD BACK TO BACK.	1-150 WATT HPS	REFER TO DETAIL
	LUMARK HPHR-FT-150-MT-0A1062B2-SSS4A25		
D	POLE MOUNTED FIXTURE, 16'-0" POLE, 150 WATT HPS, SINGLE HEAD.	1-150 WATT HPS	REFER TO DETAIL
	LUMARK HPHR-R2-150-MT-0A1062B2-SSS4A-25		
E	POLE MOUNTED FIXTURE, 16'-0" POLE, 150 WATT HPS, SINGLE HEAD.	1-150 WATT HPS	REFER TO DETAIL
	LUMARK HPHR-R2-150-MT-0A1062B2-SSS4A-25		



EXTERIOR BUILDING LIGHTING CONTROL DIAGRAM

TIME ON AND/OR TIME OFF SETTINGS SHALL BE SET TO OWNER'S REQUIREMENTS.



POLE LIGHT MOUNTING DETAIL

NO SCALE

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RECORD PURPOSES

RECORD DRAWINGS

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CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT STRATEGIC PLANNING AND DESIGN			
TITLE: NORTH DOMINGO BACA PARK - PHASE 8 ELECTRICAL DETAILS			
Design Review Committee	City Engineer Approval	Mo. / Day / Yr.	
City Project No.	Zone Map No.	Sheet	Of
713897	C-19	E2	01

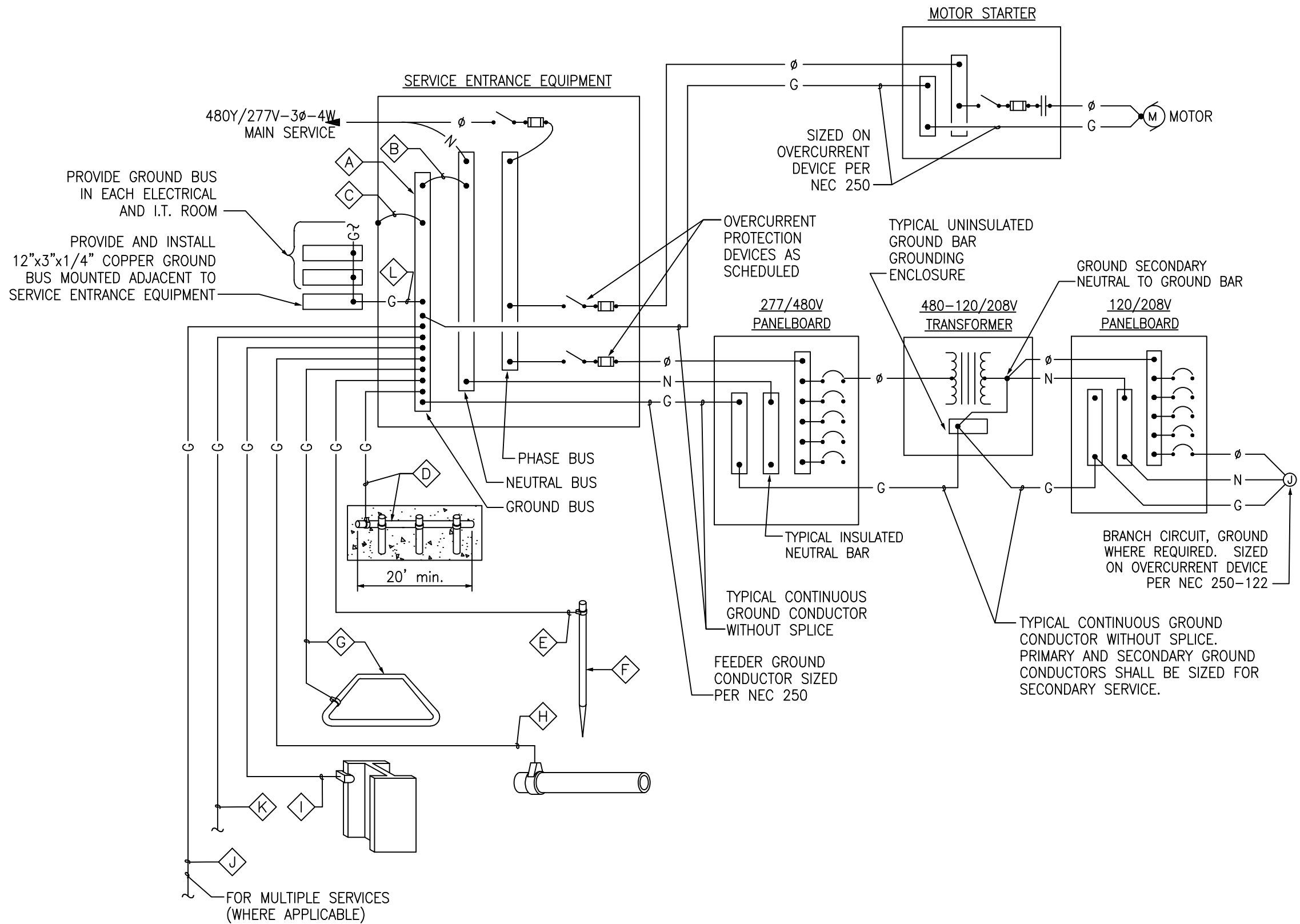
RECORD DRAWINGS

PROJECT #713897  
DECEMBER 2011

NORTH DOMINGO BACA PARK  
PHASE 8 RECREATION FIELDS

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GROUNDING SYSTEM DIAGRAM

NOT TO SCALE

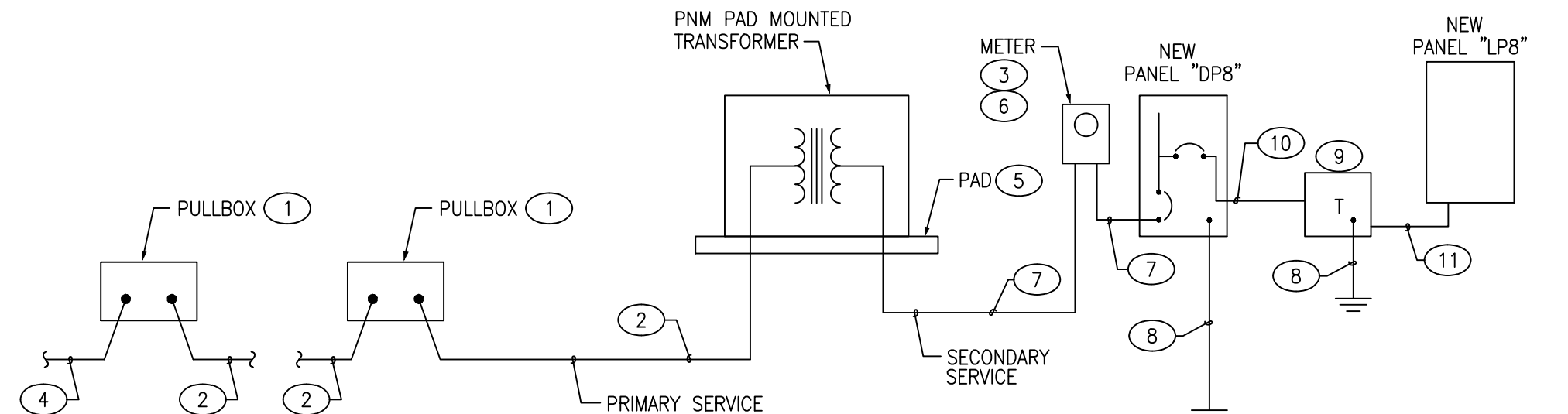
### GROUNDING SYSTEM GENERAL NOTES

- THE GROUNDING ELECTRODE SYSTEM SHALL CONSIST OF ITEMS **A**, **B**, **C**, **D**, **E**, **F** AND **G**, WHERE APPLICABLE.
- ITEMS **H**, **I** AND **J** MUST BE BONDED TOGETHER AND TO THE GROUNDING ELECTRODE SYSTEM WHEN THEY ARE PRESENT.
- ITEM **D** CONCRETE ENCASED ELECTRODE (UFER) SHALL HAVE UFER SUPPORT CONSISTING OF 5/8" x 10' COPPER GROUND ROD CUT INTO 3' SECTIONS AND DRIVEN FOR SUPPORT OF UFER CONDUCTOR. ONLY COPPER TO COPPER CONNECTIONS ARE ACCEPTABLE. DO NOT USE RE-BAR FOR UFER SUPPORT. (THIS IS TO AVOID THE HARMFUL EFFECTS OF DISSIMILAR METALS IN CONTACT.) A U.L. LISTED COPPER TO RE-BAR CLAMP (SUCH AS GRAVES "JONES BOND" SYSTEM) IS AN APPROVED ALTERNATIVE.
- THIS DETAIL IS PROVIDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, ARTICLE 250, PERTAINING TO THE "GROUNDING ELECTRODE SYSTEM".
- ALL SPLICING SHALL BE ACCOMPLISHED VIA EXOTHERMIC WELD (CAD-WELD) ONLY.
- ALL CONDUCTOR SIZING INDICATED ON THE GROUNDING SCHEDULE ARE FOR COPPER CONDUCTORS. ALUMINUM IS NOT PERMITTED.
- ANY VARIANCES FROM THIS DIAGRAM AND ASSOCIATED SCHEDULE AND NOTES MUST BE REQUESTED AND APPROVED IN WRITING PRIOR TO INSTALLATION.
- ALL INSTALLATIONS SHALL COMPLY WITH THE LATEST ADOPTED EDITION OF N.E.C. ARTICLE 250 (ALL SUBPARAGRAPHS) AND ALL STATE AND LOCAL REQUIREMENTS.
- THE GROUNDING SYSTEM SHALL PROVIDE LESS THAN (4) FOUR OHMS RESISTANCE TO GROUND AT THE SERVICE CONNECTION. THE RESULTS SHALL BE VERIFIED BY AN INDEPENDENT TESTING AGENCY VIA GROUND TEST (FALL-OF-POTENTIAL) AND SUBMITTED TO ELECTRICAL ENGINEER UPON COMPLETION OF PROJECT.

GROUNDING SCHEDULE											
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>
	FACTORY INSTALLED GROUND BUS BAR	INTEGRATED BUS BAR MAIN BOND JUMPER	INTEGRATED BUS BAR CASE BOND JUMPER	CONCRETE ENCASED ELECTRODE (UFER)	GROUNDING ELECTRODE CONDUCTOR TO ROD, PIPE OR PLATE	CU or CU-CLAD STEEL GROUND ROD	COPPER GROUND RING CONDUCTOR	METALLIC PIPING BONDING CONDUCTOR	BUILDING STEEL BONDING CONDUCTOR	MULTIPLE SERVICE BONDING CONDUCTOR	TELEPHONE SYSTEM GROUNDING CONDUCTOR
CODE REFERENCE											
AMP											
200 AMP		#4	#4	#4	#6	5/8"x8'	#2	#4	#4	#4	#6
225 AMP		#2	#2	#4	#6	5/8"x8'	#2	#2	#2	#2	#6
400 AMP		#1/0	#1/0	#4	#6	5/8"x8'	#1/0	#1/0	#1/0	#1/0	#6
600 AMP		#2/0	#2/0	#4	#6	5/8"x8'	#2/0	#2/0	#2/0	#2/0	#6
800 AMP		#3/0	#3/0	#4	#6	5/8"x8'	#2/0	#2/0	#2/0	#2/0	#6
1000 AMP		#3/0	#3/0	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#6
1200 AMP		250kcMIL	250kcMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#6
1600 AMP		350kcMIL	350kcMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#6
2000 AMP		400kcMIL	400kcMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#6
2500 AMP		500kcMIL	500kcMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#6
3000 AMP		500kcMIL	500kcMIL	#4	#6	5/8"x8'	#3/0	#3/0	#3/0	#3/0	#6

PANEL: "DP8"						OC DEVICE TYPE: BREAKER				ENCLOSURE: NEMA 3R				MAINS (A): 200A MCB			
LOCATION: ELECTRICAL ENCLOSURE						DEVICE FAMILY: BOLT ON				MOUNTING: SURFACE				WIRING: 3 PH., 4 WIRE			
FED FROM: TRANSFORMER						MODEL:				VOLTAGE: 277/480V				AIC: 60,000			
BKR SIZE	NOTES	DESCRIPTION	DEMAND CODE	LOAD (VA)	CKT NO.	PHASE A	LOADS PHASE B	PHASE C	CKT NO.	LOAD (VA)	DEMAND CODE	DESCRIPTION	NOTES	BKR SIZE			
20A/2P		LIGHTING		1050	1	27450			2	26400		LIGHTING FUTURE		125A/3P			
				1050	3		27450		4	26400		TENNIS COURTS					
20A/2P		LIGHTING		875	5			27275	6	26400							
				875	7	875			8								
20A/2P		LIGHTING		1312	9		7912		10	6600		LIGHTING FUTURE		20A/2P			
				1312	11			7912	12	6600		BASKETBALL COURTS					
20A/2P		SPARE			13				14			SPACE					
					15				16			SPACE					
20A/2P		SPARE			17				18			SPACE					
					19				20			SPACE					
		SPARE			21				22			SPACE					
		SPARE			23				24			SPACE					
		SPARE			25				26			SPACE					
		SPARE			27				28			SPACE					
		SPARE			29				30			SPACE					
					31				32								
					33				34								
					35				36								
					37	360			38	360		PANEL LP8		20A/3P			
					39		300		40	300							
PROV.		SPACE			41			600	42	600							
	KVA	AMPS		PHASE TOTALS:			VA	AMPS	NOTES:								
SECT. 1	100.1	120.5		PHASE A:			28685	103.6	1.) NEUTRAL BAR, GROUND BAR.								
				PHASE B:			35662	128.7	2.) DOOR-IN-DOOR TRIM, 42 TOTAL POLES.								
TOTAL	100.1	120.5		PHASE C:			35787	129.2									

<b>PANEL: "LP8"</b>				<b>OC DEVICE TYPE: BREAKER</b>				<b>ENCLOSURE: NEMA 3R</b>				<b>MAINS (A): 60A /MCB</b>			
<b>LOCATION: ELECTRICAL ENCLOSURE</b>				<b>DEVICE FAMILY: BOLT ON</b>				<b>MOUNTING: SURFACE</b>				<b>WIRING: 3 PH., 4 WIRE</b>			
<b>FED FROM: 15 KVA TRANSFORMER</b>				<b>MODEL:</b>				<b>VOLTAGE: 120/208V</b>				<b>AIC: 10,000</b>			
<b>BKR SIZE</b>	<b>NOTES</b>	<b>DESCRIPTION</b>	<b>DEMAND CODE</b>	<b>LOAD (VA)</b>	<b>CKT NO.</b>	<b>PHASE A</b>	<b>LOADS PHASE B</b>	<b>PHASE C</b>	<b>CKT NO.</b>	<b>LOAD (VA)</b>	<b>DEMAND CODE</b>	<b>DESCRIPTION</b>	<b>NOTES</b>	<b>BKR SIZE</b>	
20A/1P		RECEPTACLE		360	1	360			2					20A/1P	
20A/1P		IRRIGATION CONT		300	3		300		4					20A/1P	
20A/1P		BACKFLOW		600	5			600	6					20A/1P	
20A/1P					7				8					20A/1P	
20A/1P					9				10						
					11				12						
					13				14						
					15				16						
					17				18						
	<b>KVA</b>	<b>AMPS</b>		<b>PHASE TOTALS:</b>		<b>VA</b>	<b>AMPS</b>	<b>NOTES:</b>							
SECT. 1	1.3	3.5		PHASE A:		360	3.0	1.) NEUTRAL BAR, GROUND BAR							
				PHASE B:		300	2.5	2.) FEED-THRU LUGS							
<b>TOTAL</b>	<b>1.3</b>	<b>3.5</b>		PHASE C:		600	5.0	3.) DOOR-IN-DOOR TRIM, 84 TOTAL POLES							



POWER RISER DIAGRAM

NO SCALE

### REDRAWN FOR RECORD PURPOSES

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### KEYED NOTES

- COORDINATE THE LOCATIONS OF PNM AND ELECTRICAL CONTRACTORS PULL BOXES WITH PNM PRIOR TO INSTALLATION. REFER TO THE SITE PLAN ON SHEET E4 FOR ADDITIONAL REQUIREMENTS.
- NEW UNDERGROUND PRIMARY CONDUIT, PULLWIRE , TRENCHING AND BACKFILL SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. REFER TO THE SITE PLAN ON SHEET E4 FOR ADDITIONAL REQUIREMENTS. CONDUIT INSTALLATION MUST BE APPROVED BY PNM PRIOR TO BACKFILLING. PRIMARY CABLING SHALL BE PROVIDED, INSTALLED AND TERMINATED BY PNM
- NEW METER ENCLOSURE SHALL BE INSTALLED ADJACENT TO PANEL "DP8" ON THE NEW PANEL STAND
- THIS PULLBOX AND THE RELATED CONDUIT , CONDUCTORS AND POLE RISER WEST OF THIS PULLBOX PROVIDED AND INSTALLED BY PNM.
- PROVIDE AND INSTALL A NEW CONCRETE PAD FOR THE PNM INSTALLED PAD MOUNTED TRANSFORMER. REFER TO PNM DRAWING DS-7-16.5. COORDINATE REQUIREMENTS AND LOCATION WITH PNM PRIOR TO INSTALLATION.
- PROVIDE AND INSTALL METER ENCLOSURE PER PNM DRAWING MS-2-6.0 COORDINATE REQUIREMENTS WITH PNM PRIOR TO INSTALLATION.
- 4 # 4/0 - 2 1/2" CONDUIT
- REFER TO GROUNDING DETAIL ON THIS SHEET
- PROVIDE AND INSTALL A 15 DRY TYPE TRANSFORMER, 480 VOLTS TO 120/208 VOLTS, GENERAL DUTY, AND WEATHERPROOF ENCLOSURE. MOUNT ON NEW STAND. AS MANUFACTURED BY SQUARE D OR APPROVED EQUAL.
- 4 # 12 - 3/4" WATER TIGHT FLEXIBLE CONDUIT.
- 4 # 6, 1 # 8 GROUND 1" WATER TIGHT FLEXIBLE CONDUIT

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		Sheet	E3
		Of	

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