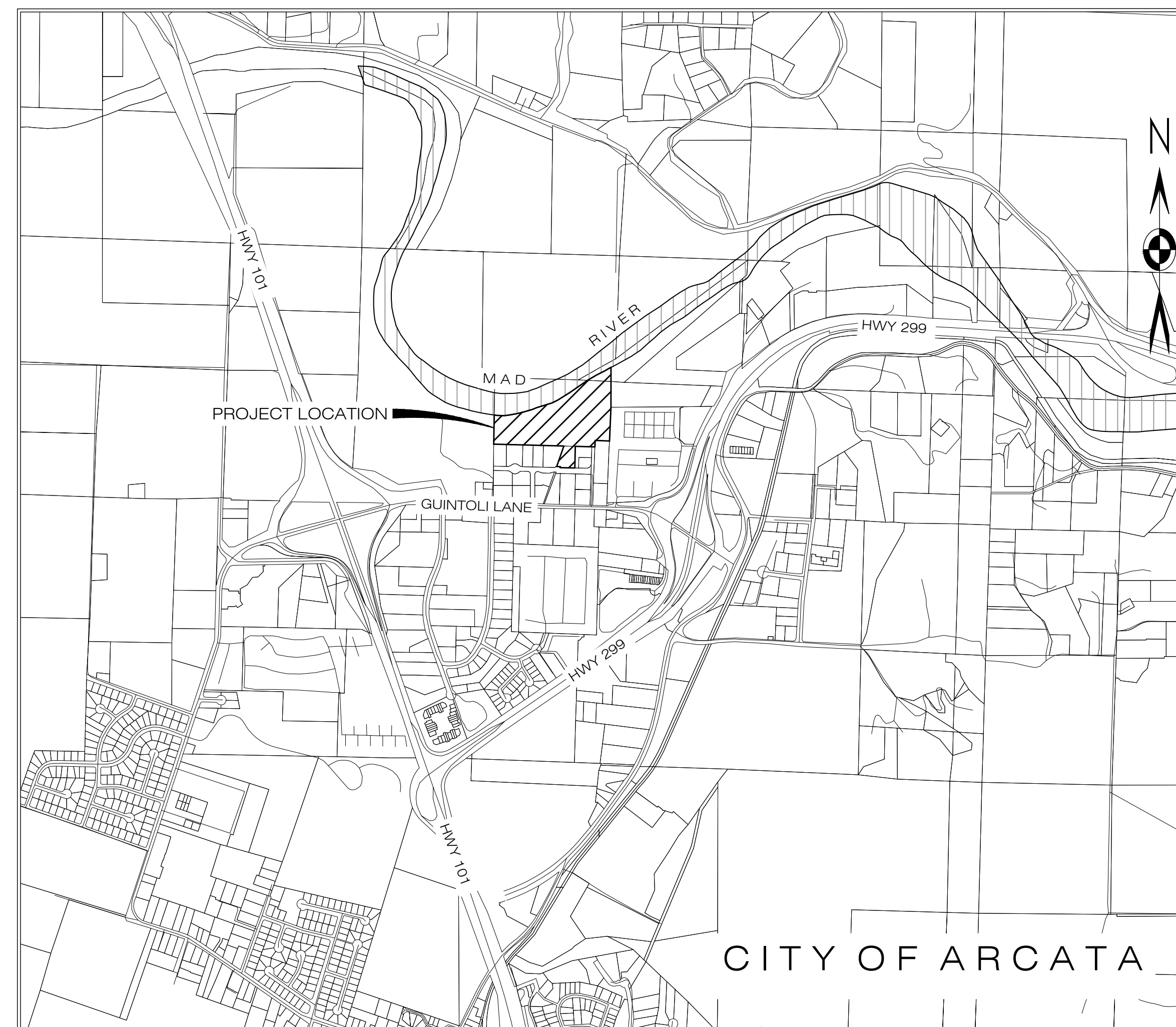


# CITY OF ARCATA

## CARLSON PARK IMPROVEMENT PROJECT

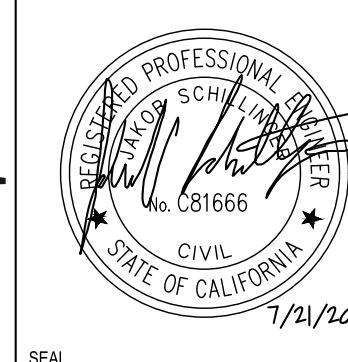
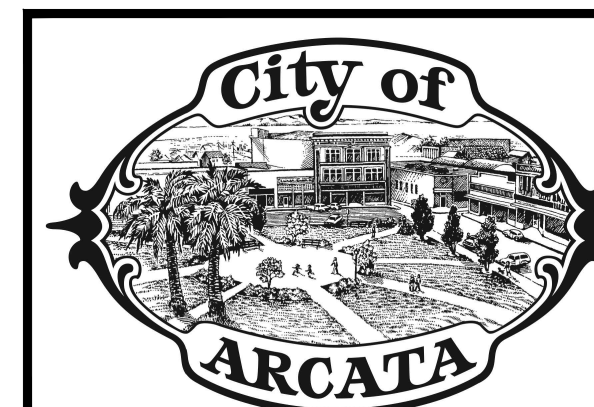
### JULY 2023

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1	G1.0	COVER SHEET
2	G2.0	CONSTRUCTION NOTES, LEGEND, & ABBREVIATIONS
3	G3.0	OVERALL SITE & SHEET INDEX PLAN
4	G4.0	TYPICAL SECTIONS
5	D1.0	DEMOLITION PLAN - PARKING & RECREATION AREA
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11	C3.0	GRADING & DRAINAGE PLAN - PARKING & RECREATION AREA
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13	C3.2	GRADING & DRAINAGE PLAN - STORMWATER BASIN
14	C3.3	STORMWATER OUTFALL PIPE - PLAN & PROFILE
15	C4.0	UTILITY PLAN - PARKING & RECREATION AREA
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17	C5.0	CONSTRUCTION DETAILS 1
18	C5.1	CONSTRUCTION DETAILS 2
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22	C5.5	CONSTRUCTION DETAILS 6
23	C6.0	SIGNAGE & STRIPING PLAN



**LOCATION MAP**  
SCALE: 1"=1000'

CITY OF ARCATA - CITY MANAGER / COUNCIL APPROVALS		
<i>CITY MANAGER</i>	KAREN DIEMER	
<i>CITY COUNCIL</i>		
MAYOR	SARAH SCHAEFER	
VICE-MAYOR	MEREDITH MATTHEWS	
COUNCILMEMBER	STACY ATKINS-SALAZAR	
COUNCILMEMBER	ALEXANDRA STILLMAN	
COUNCILMEMBER	KIMBERLEY WHITE	
CONSTRUCTION APPROVALS		
CITY OF ARCATA NETRA KHATRI, RCE 75428 CITY ENGINEER	(707) 822-5957	DATE
		01/21/2023
ENGINEER JAKOB SCHILLINGER, RCE 81666	(707) 834-6169	DATE



**SCHILLINGER ENGINEERING**  
CIVIL ENGINEERING SOLUTIONS

P.O. BOX 1183  
ARCATA, CA 95518

CITY OF ARCATA

**CARLSON PARK IMPROVEMENT PROJECT**

100% DESIGN SUBMITTAL

**COVER SHEET**

JOB NUMBER  
0118-CARLSON

SHEET 1 OF 23

**G1.0**

## GENERAL NOTES

- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE CONTROL OF THE JOB SITE DURING THE COURSE OF THE WORK, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY, SCHILLINGER ENGINEERING, AND THEIR REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND / OR ALLEGED, IN CONJUNCTION WITH THEIR PERFORMANCE ON THIS PROJECT.
- ALL WORK SHALL COMPLY WITH THE 2022 CALTRANS STANDARD PLANS AND SPECIFICATIONS, 2022 CALIFORNIA BUILDING CODE, 2022 CALIFORNIA ELECTRICAL CODE, AND THE 2022 PLUMBING CODE.
- CONTRACTOR COMPLETED PROJECT COMPONENTS REQUIRES A CLASS A GENERAL ENGINEERING CONTRACTORS LICENSE IN THE STATE OF CALIFORNIA.
- A SET OF SIGNED WORKING DRAWINGS AND SPECIFICATIONS SHALL BE KEPT ONSITE AT ALL TIMES ON WHICH ALL CHANGES OR ADJUSTMENTS IN THE WORK ARE RECORDED.
- ANY MATERIAL NOT REUSED ON SITE SHALL BE REMOVED FROM THE PROJECT SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE REGULATIONS SUCH AS COUNTY GRADING ORDINANCES. CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF MATERIALS TAKEN FROM THE SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPROVED STAGING AREAS WITH THE CITY.
- THE CONTRACTOR SHALL UPON COMPLETION OF THE PROJECT SHALL LEAVE THE PROJECT AREA FREE OF STOCKPILES, DEBRIS, AND UNSUITABLE MATERIAL.
- CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING ROADS, UTILITIES, AND STRUCTURES DURING CONSTRUCTION. ALL DAMAGE SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
- NATIVE TOPSOIL THAT IS EXCAVATED IS TO BE SEGREGATED AND STOCKPILED ON SITE FOR RE-USE.
- ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION SCHEDULE WITH THE CITY'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK.
- CONSTRUCTION SURVEYING AND STAKING OF PROPOSED IMPROVEMENTS IS TO BE PROVIDED BY THE CONTRACTOR.
- ALL WORK SHALL CONFORM TO THE LINES, GRADES, AND TYPICAL DETAILS AS SHOWN ON THESE PLANS AND DELINEATIONS ON THE GROUND WITH NO VARIATIONS UNLESS OTHERWISE APPROVED BY THE ENGINEER.

## UTILITY NOTES

- THE CONTRACTOR SHALL COORDINATE UTILITY CONSTRUCTION WORK WITH THE OWNER OF SAID UTILITY.
- THE LAYOUT OF PIPING AND CONDUITS MAY BE ADJUSTED AS REQUIRED TO MEET FIELD CONDITIONS WITH THE APPROVAL OF THE CITY'S REPRESENTATIVE.
- CONTRACTOR SHALL PROVIDE ALL FITTINGS, ELBOWS, ETC. AS REQUIRED TO PROVIDE A WORKING SYSTEM.
- ALL TIE-IN CONNECTIONS TO PUBLIC OR CITY UTILITIES SHALL BE COORDINATED WITH THE CITY'S REPRESENTATIVE OR THE UTILITY OWNER.

## GRADING NOTES

- ALL GRADING WORK SHALL FOLLOW THE SLOPES AND GRADES SHOWN ON THE GRADING AND DRAINAGE PLAN UNLESS OTHERWISE APPROVED BY THE CITY'S REPRESENTATIVE.
- ALL OFFSITE TRACKING OF MATERIAL SHALL BE SHOVELED AND SWEEPED ON A DAILY BASIS.

## TRAFFIC CONTROL NOTES

- CONTRACTOR SHALL PROVIDE ACCESS TO ADJACENT BUSINESSES AT ALL TIMES DURING CONSTRUCTION.
- TRAFFIC SAFETY AND CONTROL MEASURES SHALL BE USED AS SET FORTH IN THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD), LATEST EDITION.

## EROSION AND SEDIMENT CONTROL NOTES

- EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM AND PROVISIONS SET FORTH IN THE FOLLOWING:
  - SECTION 21 "EROSION CONTROL" OF THE CALTRANS STANDARD SPECIFICATIONS, 2022.
  - CALTRANS CONSTRUCTION SITE BMP (BEST MANAGEMENT PRACTICES) FIELD AND TROUBLESHOOTING MANUAL, LATEST EDITION.
  - HYDROSEED ALL EXPOSED DISTURBED AREAS AS APPROVED BY THE OWNER'S REPRESENTATIVE. SEED AND STRAW MULCH COVER SHALL BE USED FOR TEMPORARY STABILIZATION.
- IT IS THE CONTRACTORS RESPONSIBILITY TO MINIMIZE EROSION AND PREVENT THE MOVEMENT OF SEDIMENT AND / OR HARMFUL MATERIALS OFFSITE.
- THE CONTRACTOR SHALL UTILIZE THE FOLLOWING BMP'S (BEST MANAGEMENT PRACTICES) PER THE CALIFORNIA STORMWATER QUALITY ASSOCIATIONS, CALIFORNIA BMP HANDBOOK, LATEST EDITION, AT A MINIMUM AND AS REQUIRED:
 

EC-2	PRESERVATION OF EXISTING VEGETATION
EC-4	HYDROSEEDING
SE-1	SILT FENCE
SE-5	FIBER ROLLS
SE-7	STREET SWEEPING AND VACUUMING
NS-2	DEWATERING OPERATIONS
NS-12	CONCRETE CURING
NS-13	CONCRETE FINISHING
WM-1	MATERIALS DELIVERY AND STORAGE
WM-2	MATERIALS USE
WM-3	STOCKPILE MANAGEMENT
WM-4	SPILL PROTECTION AND CONTROL
WM-5	SOLID WASTE MANAGEMENT
WM-8	CONCRETE WASTE MANAGEMENT
- NOTICE OF INTENT, SWPPP, AND OTHER COMPLIANCE MEASURES ASSOCIATED WITH ORDER NUMBER 2009-009-DWQ (AMENDED 2010-0014 DWQ), IS REQUIRED BY THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD. CONTRACTOR IS REQUIRED TO PREPARE THE SWPPP, SEE THE PROJECT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

## UNDERGROUND FACILITIES NOTE

INFORMATION PERTAINING TO EXISTING UNDERGROUND FACILITIES AS SHOWN HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL AGENCIES INVOLVED AND SHALL LOCATE ALL FACILITIES PRIOR TO EXCAVATION IN ANY AREA.

CALL USA: 811 (1-800-227-2600)

## ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE PAVING
AGG	AGGREGATE
@	AT
BFP	BACK FLOW PREVENTION DEVICE
BM	MARK
CL	CENTERLINE
CLR	CLEAR
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTINUOUS
COR	CORNER
CP	CONTROL POINT
CV	CHECK VALVE
DIA, Ø	DIAMETER
<E>	EXISTING
EA	EACH
EL/ELEV	ELEVATION
E OHD	OVERHEAD ELECTRICAL LINES
FG	FINISH GRADE
FL	FLOW LINE
FT	FOOT OR FEET
FTG	FOOTING
GALV	GALVANIZED
GB	GRADE BREAK
GR	GRADE
GRD	GROUND
GV	GATE VALVE
IE	INVERT ELEVATION
IP	IRON PIPE
NIC	NOT IN CONTRACT
N.T.S.	NOT TO SCALE
O.C.	ON CENTER
PL	PROPERTY LINE
PP	POWER POLE
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE PIPE
RW	RIGHT-OF-WAY
SIM	SIMILAR
TC	TOP OF CURB
TYP	TYPICAL
W	WATER
WV	WATER VALVE

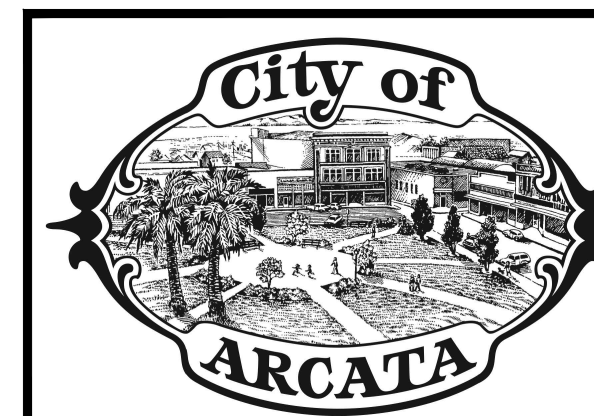
## LEGEND

	<E> GRAVITY SEWER LINE
	<P> GRAVITY SEWER LINE
	<P> PRESSURE SEWER LINE
	<E> SEWER MANHOLE
	<P> DRAIN CLEANOUT
	<E> SEWER CLEANOUT
	<P> STORM DRAIN CLEANOUT
	<E> OVERHEAD ELECTRICAL
	<E> OVERHEAD TELEPHONE
	<E> UNDERGROUND ELECTRICAL
	<P> UNDERGROUND ELECTRICAL LINES
	<E> GAS LINE
	<E> TELEPHONE POLE / UTILITY POLE
	SURVEY CONTROL POINT
	SURVEY MONUMENT
	<E> STREET SIGN
	<P> STREET SIGN
	<E> WATER MAIN / SERVICE
	<P> WATER MAIN / SERVICE
	<P> IRRIGATION MAIN / SERVICE
	<E> WATER METER
	<E> WATER VALVE
	<P> WATER VALVE
	<E> IRRIGATION CONTROL
	<P> IRRIGATION QUICK-COUPLE HOSE CONNECT
	<E> BACK FLOW PREVENTER
	<E> FENCE
	<P> FENCE
	<E> ASPHALT PAVING
	<P> ASPHALT PAVING
	BOUNDARY RIGHT OF WAY LINES
	EASEMENTS
	EXISTING GROUND CONTOURS (TWO FOOT INTERVALS)
	TOE OF SLOPE TOP OF SLOPE / GRADE BREAK
	STORM DRAIN CULVERT
	DRAINAGE FLOW LINE
	LIMITS OF DISTURBANCE

		 SCHILLINGER ENGINEERING CIVIL ENGINEERING SOLUTIONS	CITY OF ARCATA	JOB NUMBER 0118-CARLSON
			CARLSON PARK IMPROVEMENT PROJECT	
100% DESIGN SUBMITTAL CONSTRUCTION NOTES, LEGEND & ABBREVIATIONS			G2.0	
P.O. BOX 1183 ARCATA, CA 95518				

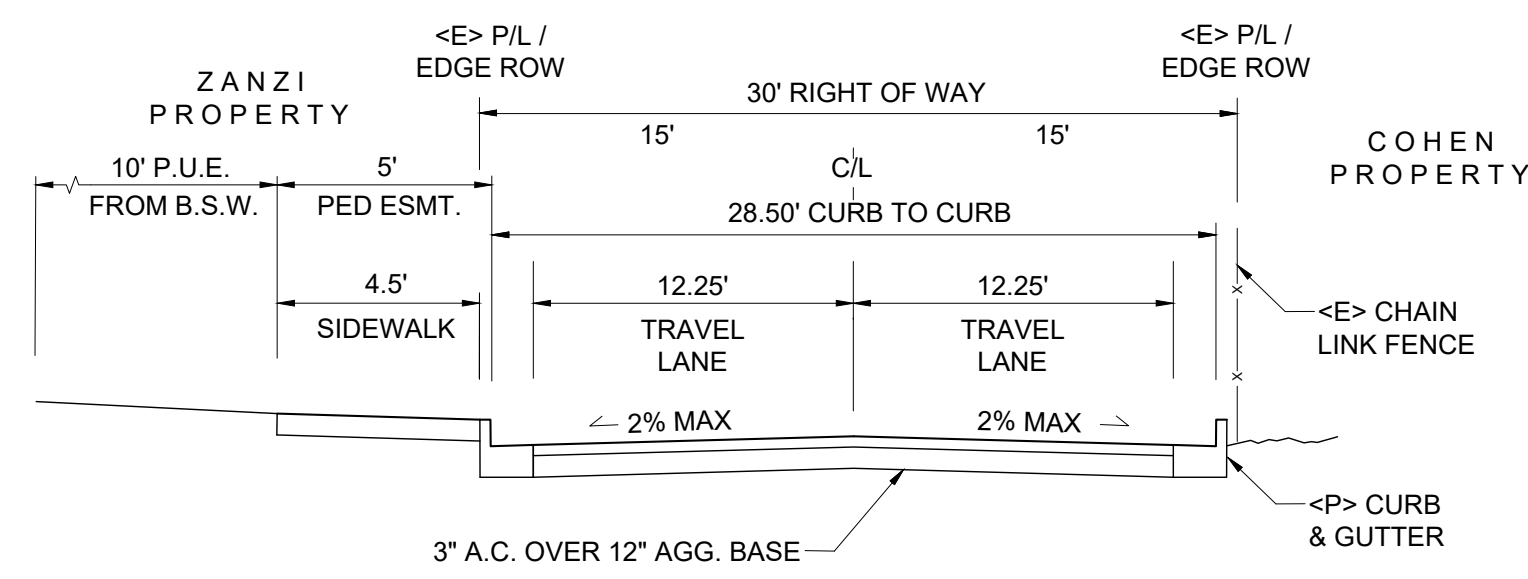
**GENERAL NOTES**

1. CONTRACTOR TO COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE CITY OF ARCATA.



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 CIVIL ENGINEERING SOLUTIONS  
 P.O. BOX 1183  
 ARCATA, CA 95518

CITY OF ARCATA		JOB NUMBER 0118-CARLSON
<b>CARLSON PARK IMPROVEMENT PROJECT</b>		SHEET 3 OF 23
100% DESIGN SUBMITTAL OVERALL SITE & SHEET INDEX PLAN		<b>G3.0</b>

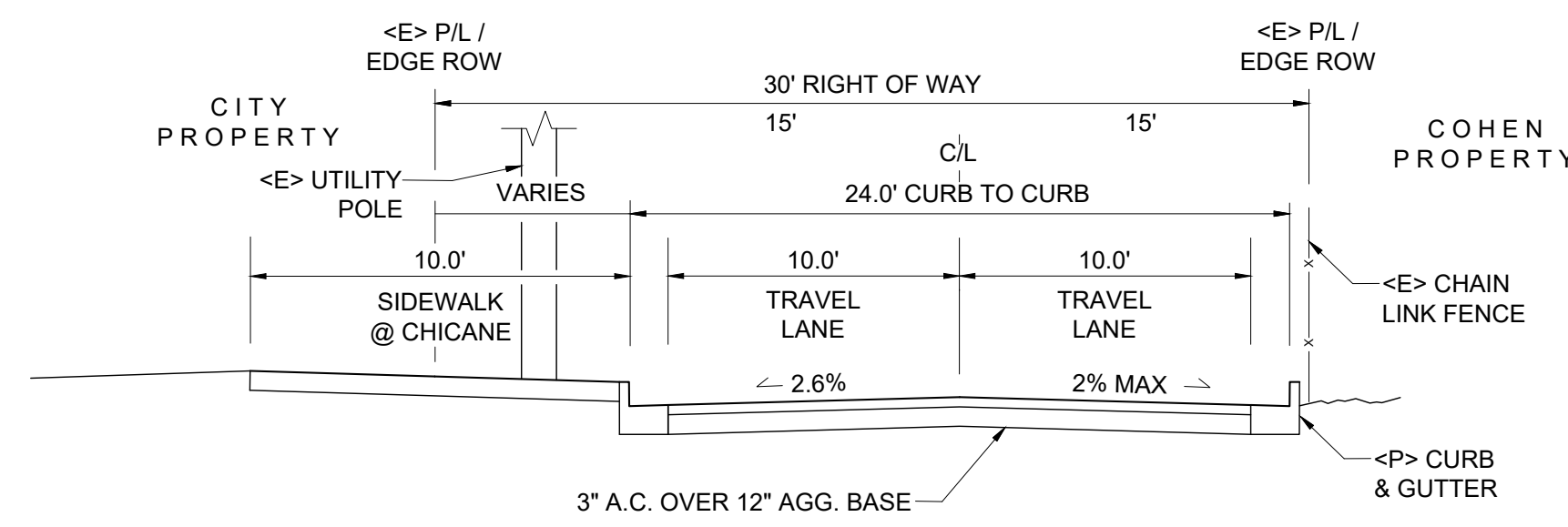


NOTES:

- BACK OF CURB ON EAST SIDE OF ROADWAY SET 4" OFF OF <E> CHAIN LINK FENCE TO ALLOW ROOM FOR FORM BOARDS.

**TYPICAL ROAD SECTION - CARLSON PARK DRIVE  
STA 10+25 TO STA 11+13**

**A1**  
SCALE: N.T.S.

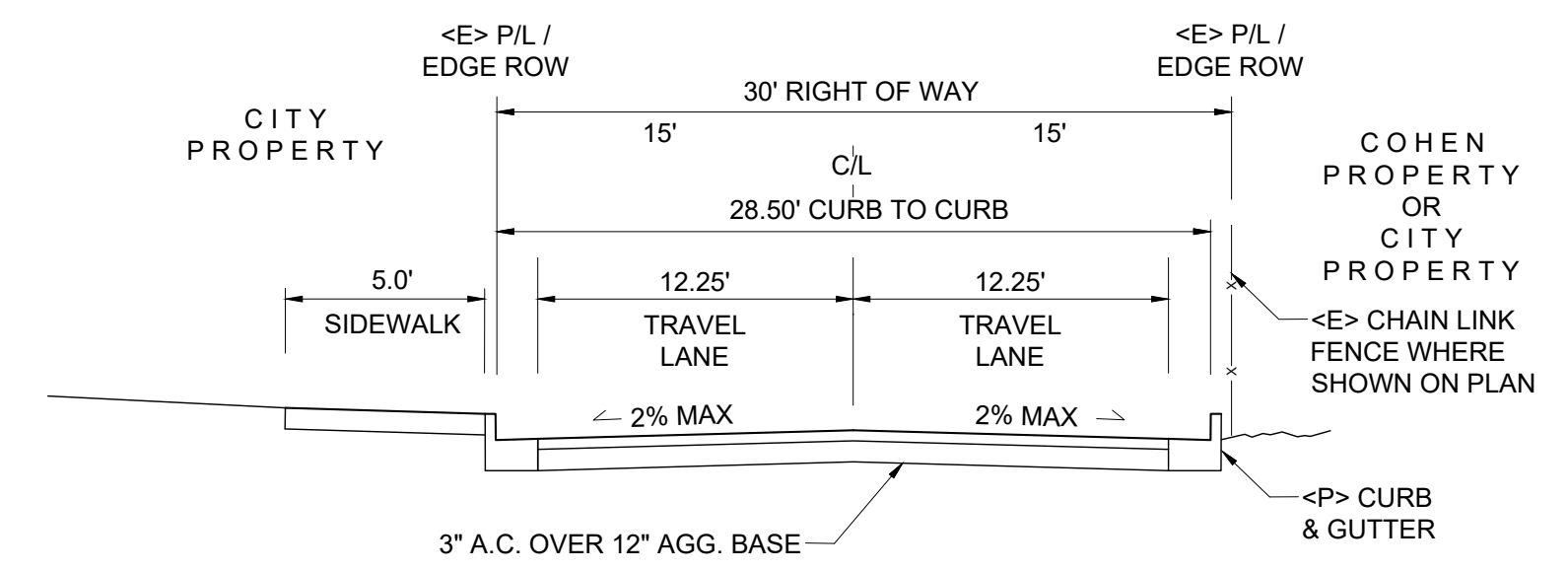


NOTES:

- BACK OF CURB ON EAST SIDE OF ROADWAY SET 4" OFF OF <E> CHAIN LINK FENCE TO ALLOW ROOM FOR FORM BOARDS.

**TYPICAL ROAD SECTION - CARLSON PARK DRIVE  
STA 11+37 (MIDDLE OF CHICANE)**

**A2**  
SCALE: N.T.S.

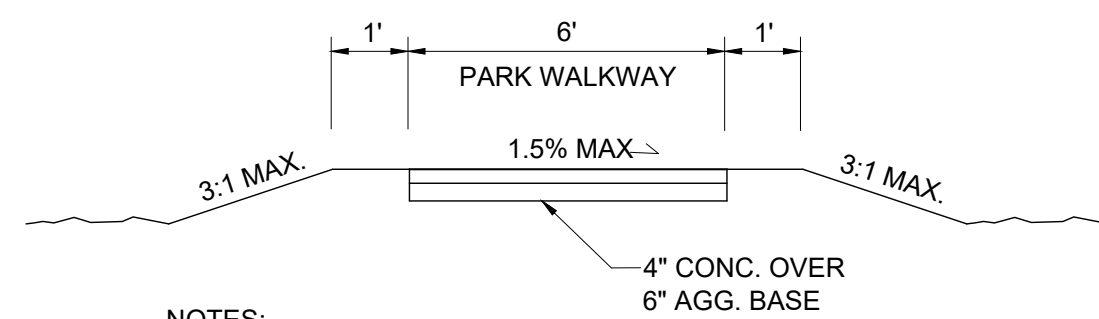


NOTES:

- BACK OF CURB ON EAST SIDE OF ROADWAY SET 4" OFF OF <E> CHAIN LINK FENCE TO ALLOW ROOM FOR FORM BOARDS.

**TYPICAL ROAD SECTION - CARLSON PARK DRIVE  
STA 11+50 TO END**

**A3**  
SCALE: N.T.S.

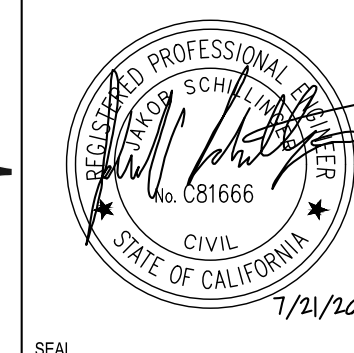
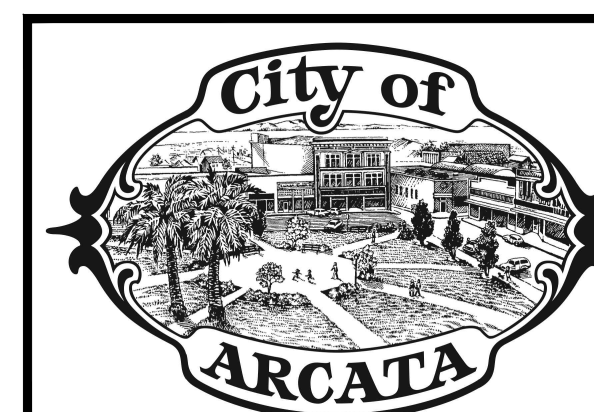


NOTES:

- PROVIDE 1' MIN SHOULDER ON EACH SIDE OF CONCRETE WALKWAY IN PARK

**TYPICAL CONCRETE PARK WALKWAY**

**B1**  
SCALE: N.T.S.



**SCHILLINGER  
ENGINEERING**  
CIVIL ENGINEERING SOLUTIONS

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ARCATA, CA 95518

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**

100% DESIGN SUBMITTAL  
**TYPICAL SECTIONS**

JOB NUMBER  
0118-CARLSON

SHEET 4 OF 23


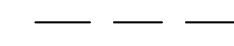

**G4.0**

**GENERAL NOTES**

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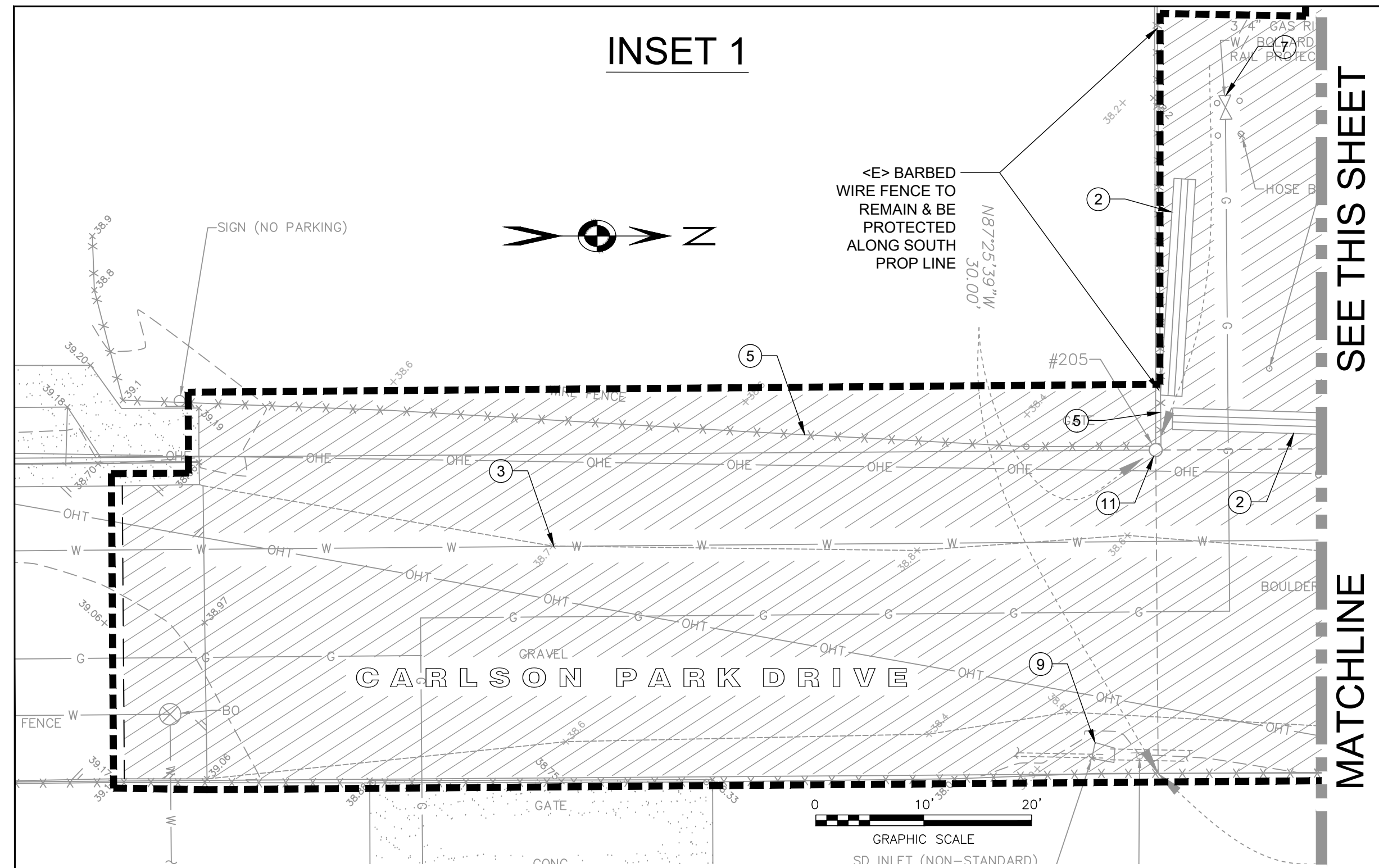
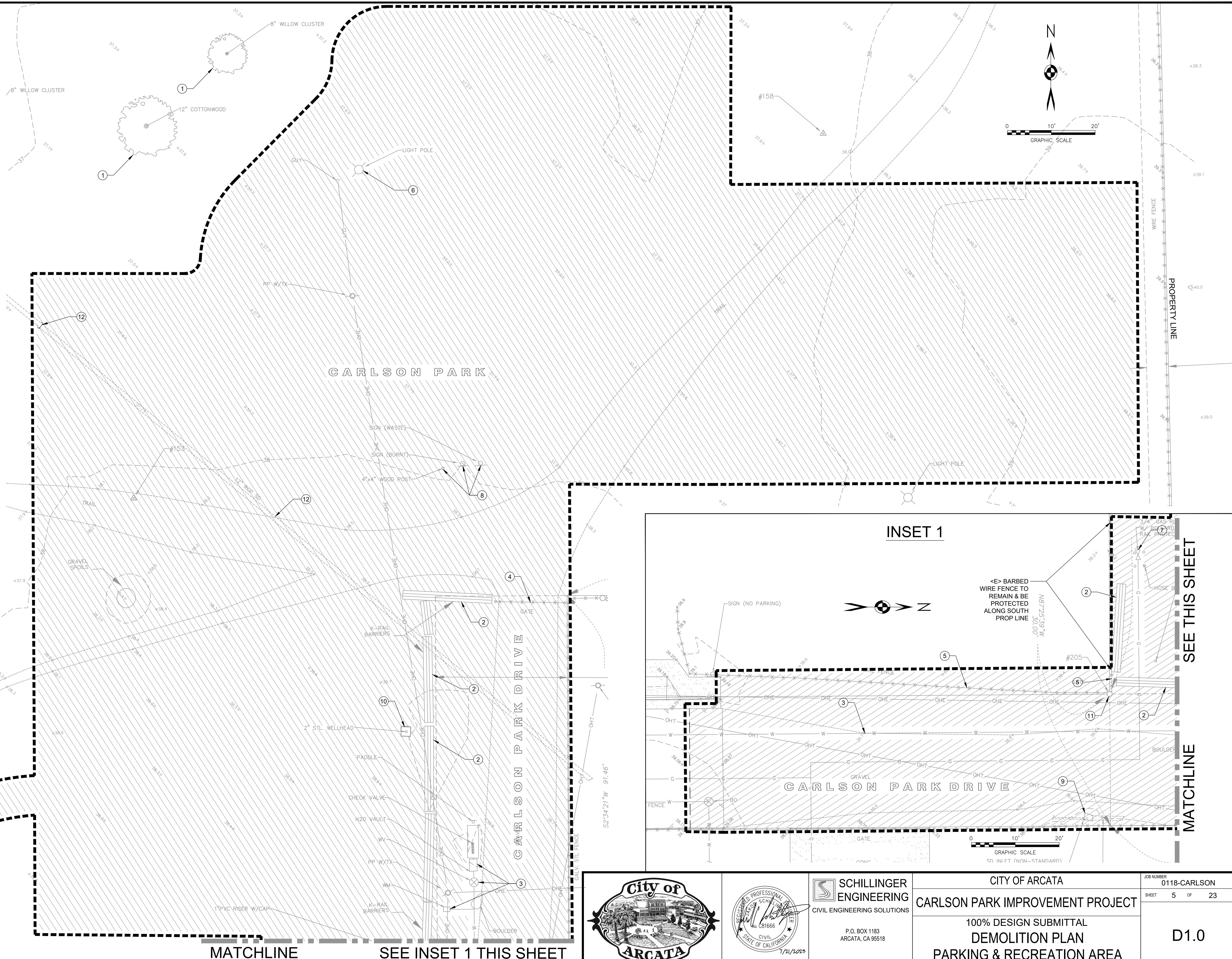
CALL USA: 811 (1-800-227-2600)

**LEGEND**

-  CLEAR & GRUB <E> AREA OF TREES, SHRUBS, GRASSES, AND OTHER DELETERIOUS MATERIALS
-  SAWCUT LINE
-  LIMITS OF DISTURBANCE

**KEYNOTES**

1. <E> TREES TO REMAIN & BE PROTECTED.
2. <E> K-RAIL SEGMENTS TO BE REMOVED & HAULED TO THE CITY CORP YARD AS DIRECTED BY THE CITY. K-RAIL MAY BE UTILIZED FOR PROJECT SITE SECURITY DURING CONSTRUCTION.
3. REMOVE <E> IRRIGATION BACKFLOW PREVENTION DEVICE / CHECK VALVE, IRRIGATION VAULT, WATER METER, GATE VALVE & SALVAGE TO CITY REMOVE WATER MAIN ALONG CARLSON PARK DRIVE TO <P> BLOW OFF LOCATION, SEE UTILITY PLAN.
4. <E> STEEL GATE TO BE REMOVED & SALVAGED & HAULED TO CITY CORP YARD AS DIRECTED.
5. <E> BARBED WIRE FENCING, T-POSTS, & ACCESS GATE TO BE REMOVED TO ACCOMMODATE <P> SIDEWALK IMPROVEMENTS & PLACED ON ADJACENT PRIVATE PROPERTY.
6. <E> LIGHT POLE TO BE REMOVED & SALVAGED TO THE CITY. CONCRETE LIGHT POLE BASE TO BE DEMOLISHED, REMOVED, & DISPOSED OF.
7. <E> GAS LINE TO BE REMOVED & CAPPED AT BACK OF <P> SIDEWALK.
8. <E> SIGNS & POSTS TO BE REMOVED & DISPOSED OF.
9. REMOVE <E> DRAINAGE BOX & CONNECTING PIPING TO OUTSIDE PLANNED CURB & GUTTER IMPROVEMENTS AS REQUIRED & AS DIRECTED BY ENGINEER. CONTRACTOR TO COORDINATE W/ PROPERTY OWNER FOR WORK OUTSIDE CITY RIGHT-OF-WAY.
10. <E> 2" STEEL WELLHEAD TO REMAIN & BE PROTECTED.
11. <E> SURVEY MONUMENT TO REMAIN & BE PROTECTED.
12. <E> 12" RCP STORM DRAIN TO BE REMOVED WITHIN PROJECT AREA & CAPPED ON NORTHEAST END & CONNECTED TO <P> DRAINAGE INLET ON SOUTHEAST END.

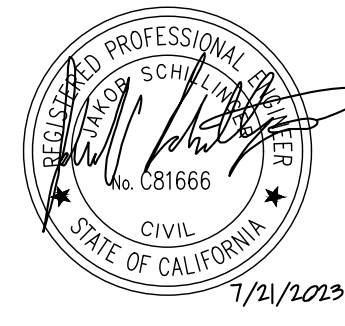
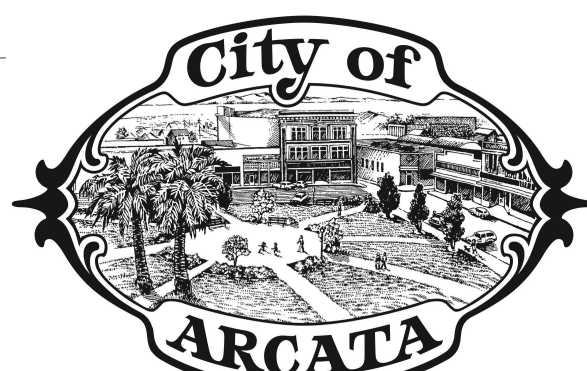


SEE D1.1

SEE THIS SHEET

MATCHLINE

MATCHLINE SEE INSET 1 THIS SHEET



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ARCATA, CA 95518

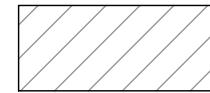

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**DEMOLITION PLAN**  
PARKING & RECREATION AREA

JOB NUMBER 0118-CARLSON  
SHEET 5 OF 23  
**D1.0**

**GENERAL NOTES**

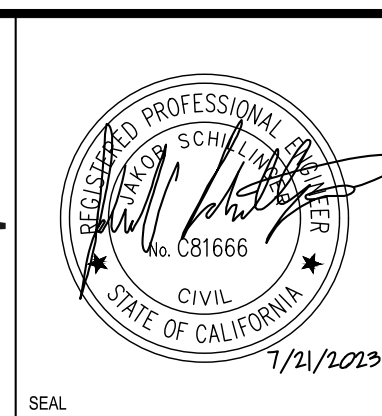
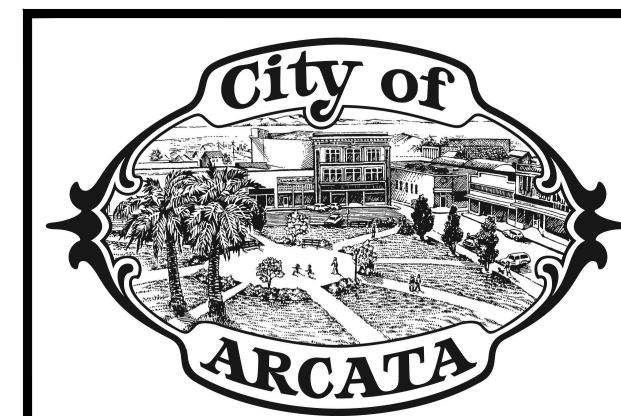
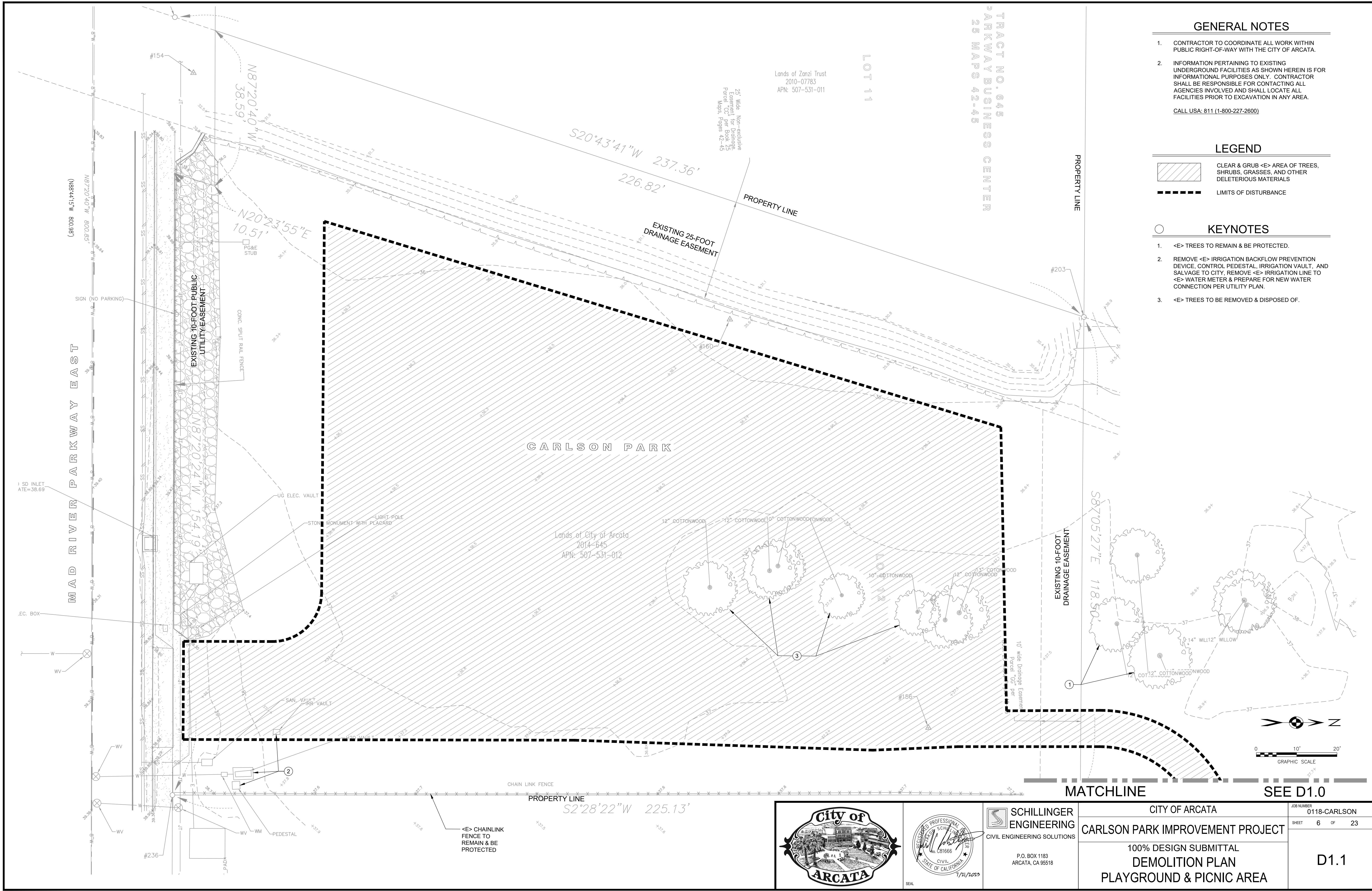
1. CONTRACTOR TO COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE CITY OF ARCATA.
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CALL USA: 811 (1-800-227-2600)

**LEGEND**

-  CLEAR & GRUB <E> AREA OF TREES, SHRUBS, GRASSES, AND OTHER DELETERIOUS MATERIALS
-  LIMITS OF DISTURBANCE

**KEYNOTES**

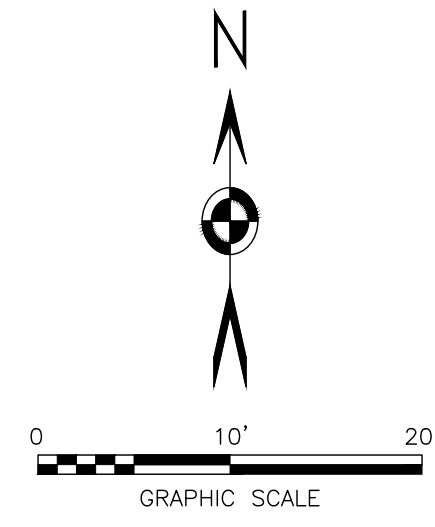
1. <E> TREES TO REMAIN & BE PROTECTED.
2. REMOVE <E> IRRIGATION BACKFLOW PREVENTION DEVICE, CONTROL PEDESTAL, IRRIGATION VAULT, AND SALVAGE TO CITY. REMOVE <E> IRRIGATION LINE TO <E> WATER METER & PREPARE FOR NEW WATER CONNECTION PER UTILITY PLAN.
3. <E> TREES TO BE REMOVED & DISPOSED OF.



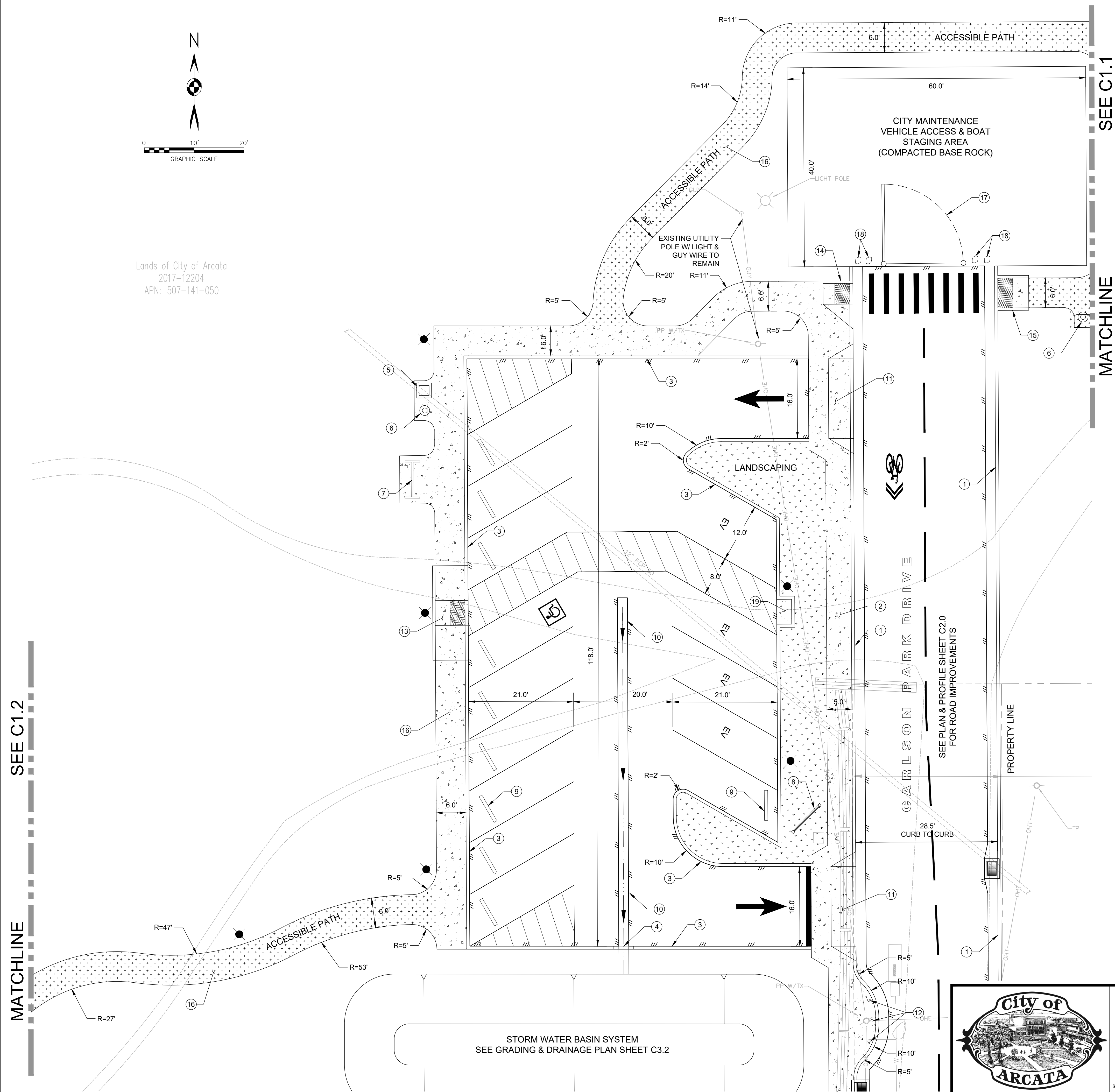
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P.O. BOX 1183  
ARCATA, CA 95518

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**DEMOLITION PLAN**  
PLAYGROUND & PICNIC AREA

JOB NUMBER 0118-CARLSON  
SHEET 6 OF 23  
**D1.1**



Lands of City of Arcata  
2017-12204  
APN: 507-141-050



### GENERAL NOTES

- CONTRACTOR TO COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE CITY OF ARCATA.
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### LEGEND

- COLORED CONCRETE WALKWAY (COLOR AS SELECTED BY CITY)
- STANDARD CONCRETE WALKWAY
- LANDSCAPING PER CONSTRUCTION DETAILS
- <P> ASPHALT STRUCTURAL SECTION
- FUTURE <P> ELECTRIC VEHICLE CHARGING STATION PARKING STALL LOCATION
- <P> DECORATIVE PARK LIGHTING

### KEYNOTES

- <P> CURB & GUTTER PER CONSTRUCTION DETAILS.
- <P> 5.0' SIDEWALK PER CONSTRUCTION DETAILS.
- <P> 6" VERTICAL CURB PER CONSTRUCTION DETAILS.
- <P> CURB CUT PER CONSTRUCTION DETAILS.
- <P> COMBINED TRASH / RECYCLING RECEPTACLE, MAGLIN MODEL MRC-202-MTO-MBC OR EQUAL.
- <P> PET STATION MOUNTED & SIGN MOUNTED TO 1-1/4" GALVANIZED POLE, DOGI-POT OR EQUAL.
- <P> BICYCLE RACK, HUNTCO MODEL "THE RAMBLER WIDE" FLANGE MOUNTED, 2" SCH 40 ROUND STAINLESS STEEL PIPE TUBING, 36" SPACING, NIC.
- <P> "CARLSON PARK" SIGN IN 2" DIA X 3.5" DEEP CONCRETE FILLED "SONO" TUBES, SUPPLIED BY CITY, INSTALLED BY CONTRACTOR WITH FINAL LOCATION AS SELECTED BY CITY.
- <P> 6" LONG RECYCLED RUBBER WHEEL STOP IN PARKING STALLS, TYP. (EXCEPT FOR FUTURE ELECTRIC VEHICLE CHARGING PARKING STALLS).
- <P> 2" WIDE CONCRETE VALLEY GUTTER PER CONSTRUCTION DETAILS.
- <P> 16" WIDE CONCRETE ACCESSIBLE DRIVEWAY.
- <P> 4" DIA x 48" TALL STEEL PROTECTIVE BOLLARD PER CONSTRUCTION DETAILS.
- <P> CASE "C" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- <P> CASE "G" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- <P> CASE "F" CURB RAMP PER CALTRANS STANDARD PLAN A88A.
- <P> 6" WIDE CONCRETE WALKWAY, SURFACE PER LEGEND.
- <P> 18" TUBULAR STEEL SINGLE SWING SECURITY GATE, SUPPLIED BY CITY AND INSTALLED BY CONTRACTOR, W/ POSTS MOUNTED IN 18" DIA x 42" DEEP HOLES FILLED WITH CONCRETE AS DIRECTED BY THE ENGINEER.
- <P> BOULDERS (18" - 24" DIA), PLACE TWO AT EACH SIDE OF THE GATE POSTS AS SHOWN.
- <P> 3" DEEP x 5' WIDE CONCRETE SLAB SURROUNDED BY VERTICAL CURB FOR FUTURE ACCESSIBLE CHARGING STATION LOCATION, SLAB IS 6" THICK OVER 8" CLASS 2 AGGREGATE BASE COMPACTED TO 95% R.C., TOP OF SLAB FG MATCHES BOTTOM OF VERTICAL CURB & PARKING LOT GRADE, EXTEND 6" VERTICAL CURB FROM PARKING LOT AROUND <P> SLAB AS SHOWN AND AS APPROVED BY THE ENGINEER.

SEE C1.2

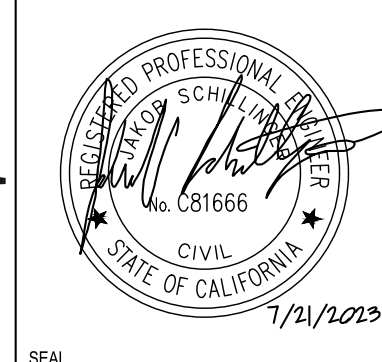
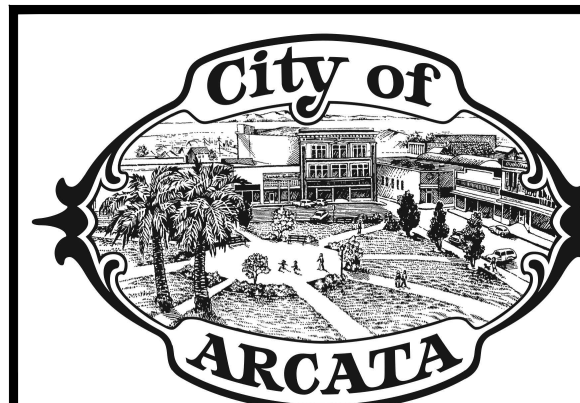
MATCHLINE

SEE C1.1

MATCHLINE

SEE PLAN & PROFILE SHEET C2.0 FOR ROAD IMPROVEMENTS

STORM WATER BASIN SYSTEM  
SEE GRADING & DRAINAGE PLAN SHEET C3.2



**SCHILLINGER ENGINEERING**  
CIVIL ENGINEERING SOLUTIONS

P.O. BOX 1183  
ARCATA, CA 95518

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**SITE PLAN**  
PARKING & RECREATION AREA

JOB NUMBER  
0118-CARLSON  
SHEET 7 OF 23

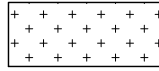
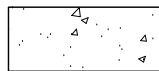
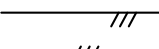
**C1.0**

**GENERAL NOTES**

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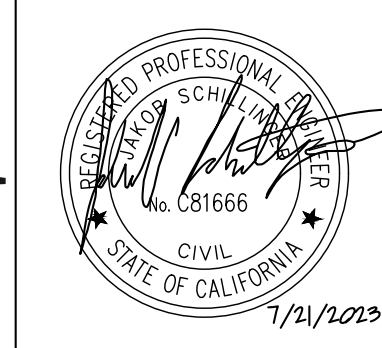
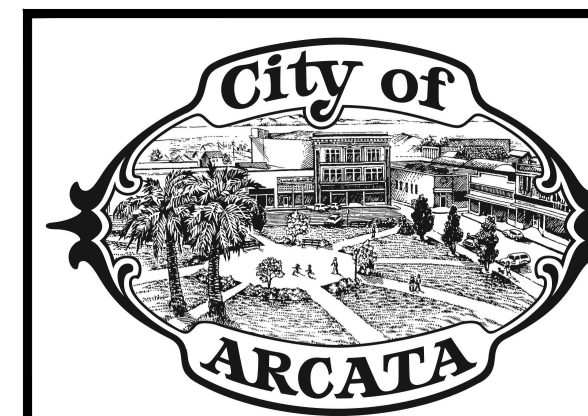
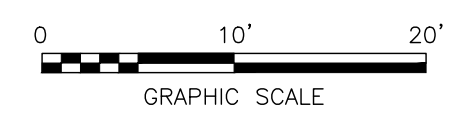
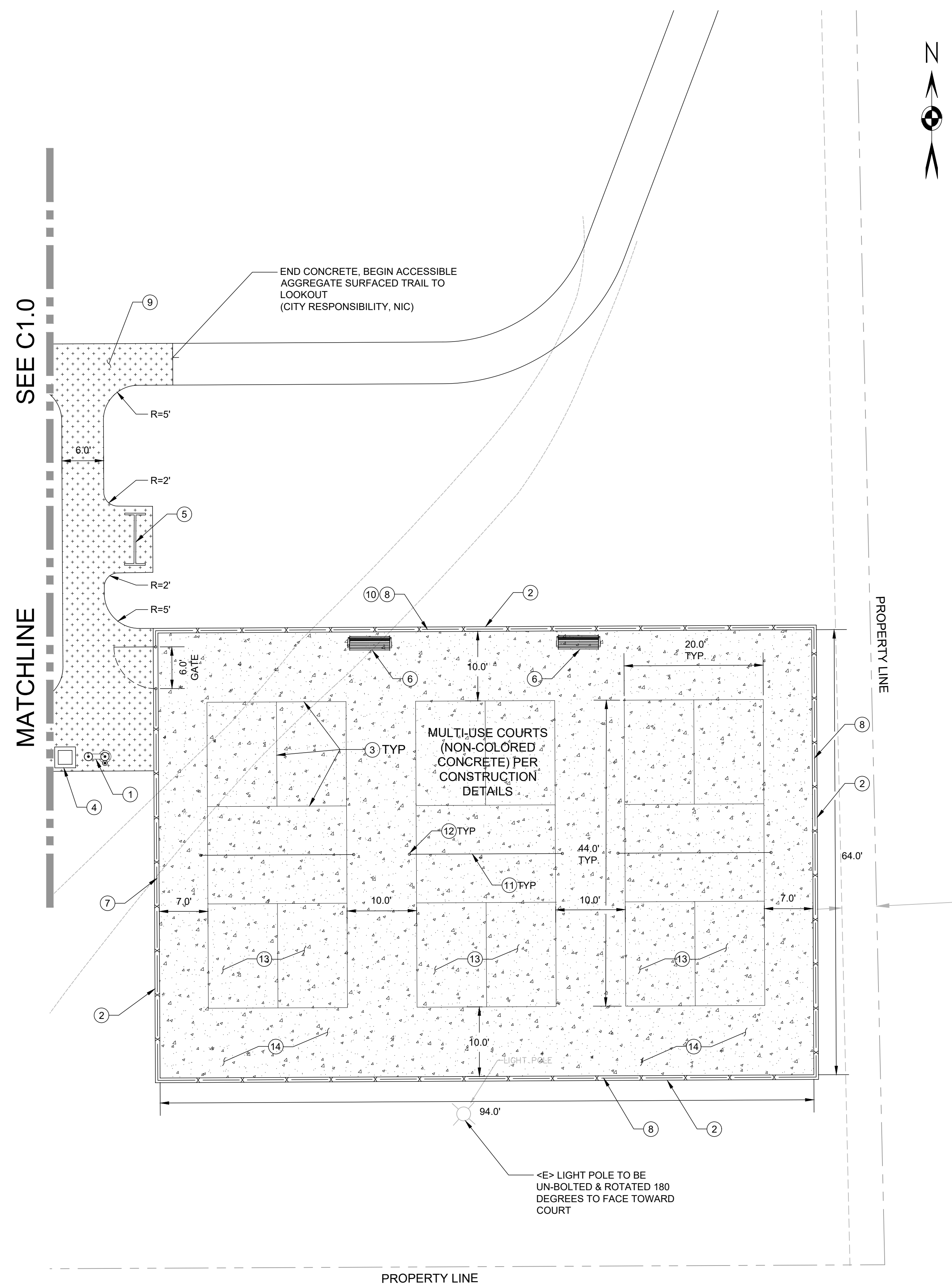
CALL USA: 811 (1-800-227-2600)

**LEGEND**

-  COLORED CONCRETE WALKWAY (COLOR AS SELECTED BY CITY)
-  STANDARD CONCRETE WALKWAY OR MULTI-USE COURT PER CONSTRUCTION DETAILS
-  <P> ASPHALT STRUCTURAL SECTION

**KEYNOTES**

1. <P> PEDESTAL DRINKING FOUNTAIN SYSTEM, TWO STATION WITH W/ ACCESSIBLE ACCESS, MOST DEPENDABLE FOUNTAIN, INC. MODEL 440 SM W/ OPTIONAL PET FOUNTAIN OR EQUAL.
2. <P> FLUSH CURB PER CONSTRUCTION DETAILS.
3. <P> 2" WHITE ACRYLIC LINE STRIPING PAINT MULTI-USE COURT MARKINGS.
4. <P> COMBINED TRASH / RECYCLING RECEPTACLE, MAGLIN MODEL MRC-202-MTO-MBC OR EQUAL, NIC.
5. <P> BICYCLE RACK, HUNTCO MODEL "THE RAMBLER WIDE" FLANGE MOUNTED, 2" SCH 40 ROUND STAINLESS STEEL PIPE TUBING, 36" SPACING, NIC.
6. <P> 6' LONG PARK BENCH W/ SEAT BACK, NIC.
7. <P> 4-FOOT TALL CHAIN LINK FENCE FABRIC, ON MOW STRIP, W/ FENCE TOPPER PER CONSTRUCTION DETAILS.
8. <P> 10-FOOT TALL CHAIN LINK FENCE ON MOW STRIP PER CONSTRUCTION DETAILS.
9. <P> 6' WIDE CONCRETE WALKWAY, SURFACE PER LEGEND.
10. <P> WINDSCREEN ON NORTH SIDE OF CHAIN LINK FENCE ONLY.
11. <P> MULTI-USE COURT NETS & REMOVABLE POSTS W/ POST SLEEVES & CENTER ANCHOR.
12. <P> END POSTS IN POST SLEEVES FOR EASE OF SPORT NET REMOVAL PER CONSTRUCTION DETAILS.
13. <P> BLUE ACRYLIC SURFACE COATING IN COURT AREA.
14. <P> GREEN ACRYLIC SURFACE COATING OUTSIDE COURT AREA EXTENDING TO EDGE OF FLUSH CURB @ FENCE.



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CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**SITE PLAN**  
MULTI-USE COURT AREA

JOB NUMBER 0118-CARLSON  
SHEET 8 OF 23  
**C1.1**

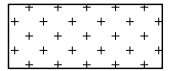
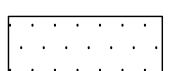
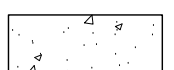
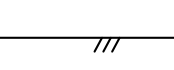
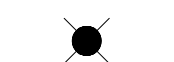


**GENERAL NOTES**

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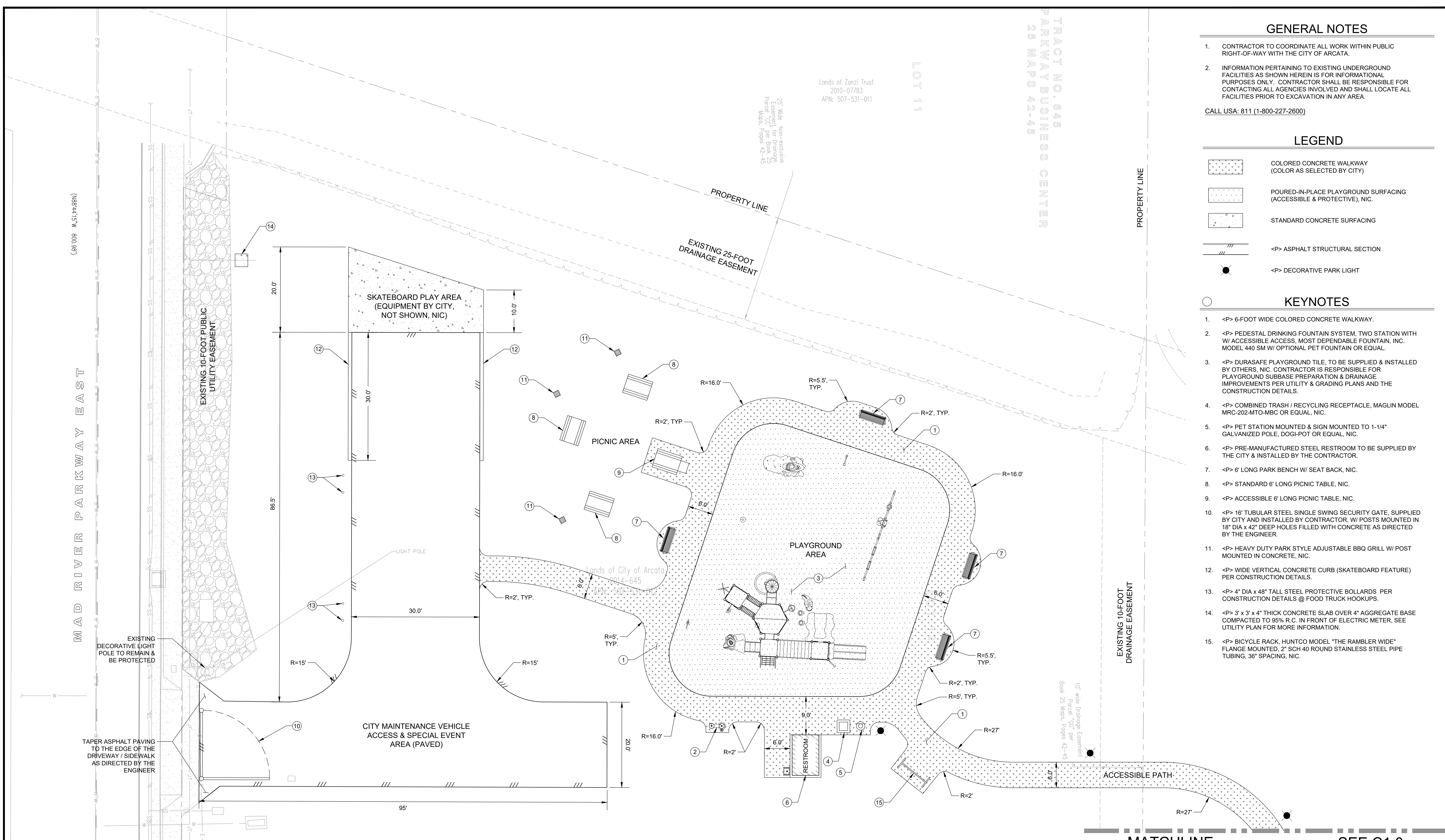
CALL USA: 811 (1-800-227-2600)

**LEGEND**

-  COLORED CONCRETE WALKWAY (COLOR AS SELECTED BY CITY)
-  POURED-IN-PLACE PLAYGROUND SURFACING (ACCESSIBLE & PROTECTIVE), NIC.
-  STANDARD CONCRETE SURFACING
-  <P> ASPHALT STRUCTURAL SECTION
-  <P> DECORATIVE PARK LIGHT

**KEYNOTES**

- <P> 6-FOOT WIDE COLORED CONCRETE WALKWAY.
- <P> PEDESTAL DRINKING FOUNTAIN SYSTEM, TWO STATION WITH W/ ACCESSIBLE ACCESS, MOST DEPENDABLE FOUNTAIN, INC. MODEL 440 SM W/ OPTIONAL PET FOUNTAIN OR EQUAL.
- <P> DURASAFE PLAYGROUND TILE, TO BE SUPPLIED & INSTALLED BY OTHERS, NIC. CONTRACTOR IS RESPONSIBLE FOR PLAYGROUND SUBBASE PREPARATION & DRAINAGE IMPROVEMENTS PER UTILITY & GRADING PLANS AND THE CONSTRUCTION DETAILS.
- <P> COMBINED TRASH / RECYCLING RECEPTACLE, MAGLIN MODEL MRC-202-MTO-MBC OR EQUAL, NIC.
- <P> PET STATION MOUNTED & SIGN MOUNTED TO 1-1/4" GALVANIZED POLE, DOGI-POT OR EQUAL, NIC.
- <P> PRE-MANUFACTURED STEEL RESTROOM TO BE SUPPLIED BY THE CITY & INSTALLED BY THE CONTRACTOR.
- <P> 6' LONG PARK BENCH W/ SEAT BACK, NIC.
- <P> STANDARD 6' LONG PICNIC TABLE, NIC.
- <P> ACCESSIBLE 6' LONG PICNIC TABLE, NIC.
- <P> 18' TUBULAR STEEL SINGLE SWING SECURITY GATE, SUPPLIED BY CITY AND INSTALLED BY CONTRACTOR, W/ POSTS MOUNTED IN 18" DIA x 42" DEEP HOLES FILLED WITH CONCRETE AS DIRECTED BY THE ENGINEER.
- <P> HEAVY DUTY PARK STYLE ADJUSTABLE BBQ GRILL W/ POST MOUNTED IN CONCRETE, NIC.
- <P> WIDE VERTICAL CONCRETE CURB (SKATEBOARD FEATURE) PER CONSTRUCTION DETAILS.
- <P> 4" DIA x 48" TALL STEEL PROTECTIVE BOLLARDS PER CONSTRUCTION DETAILS @ FOOD TRUCK HOOKUPS.
- <P> 3' x 3' x 4" THICK CONCRETE SLAB OVER 4" AGGREGATE BASE COMPACTED TO 95% R.C. IN FRONT OF ELECTRIC METER, SEE UTILITY PLAN FOR MORE INFORMATION.
- <P> BICYCLE RACK, HUNTCO MODEL "THE RAMBLER WIDE" FLANGE MOUNTED, 2" SCH 40 ROUND STAINLESS STEEL PIPE TUBING, 36" SPACING, NIC.



(86'00" W. 51'44" 88N)

MAD RIVER PARKWAY EAST

Lands of Zanzi Trust  
2010-07783  
APN: 507-531-011

LOT 11

TRACT NO. 645  
PARKWAY BUSINESS CENTER  
25 MAPS 42-45

15' Wide Non-exclusive  
Easement for Drainage  
Percol. "CC" per Book 25  
Maps, Pages 42-45

PROPERTY LINE

EXISTING 25-FOOT  
DRAINAGE EASEMENT

EXISTING 10-FOOT PUBLIC  
UTILITY EASEMENT

SKATEBOARD PLAY AREA  
(EQUIPMENT BY CITY,  
NOT SHOWN, NIC)

PICNIC AREA

PLAYGROUND  
AREA

CITY MAINTENANCE VEHICLE  
ACCESS & SPECIAL EVENT  
AREA (PAVED)

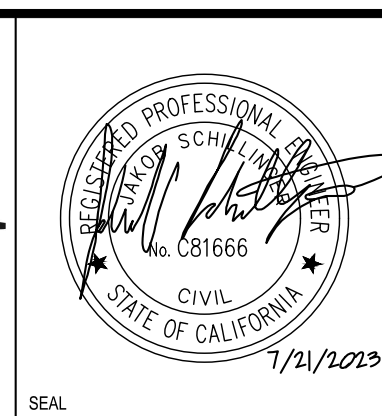
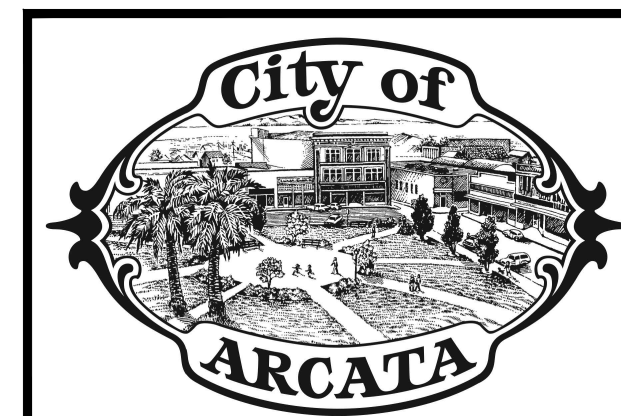
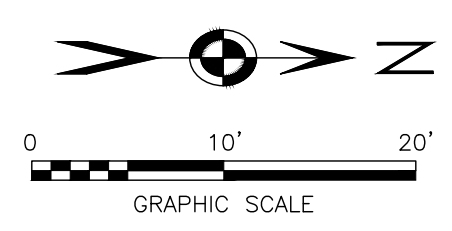
RESTROOM

EXISTING 10-FOOT  
DRAINAGE EASEMENT

10' wide Drainage Easement  
Percol. "CC" per  
Book 25 Maps, Pages 42-45

MATCHLINE

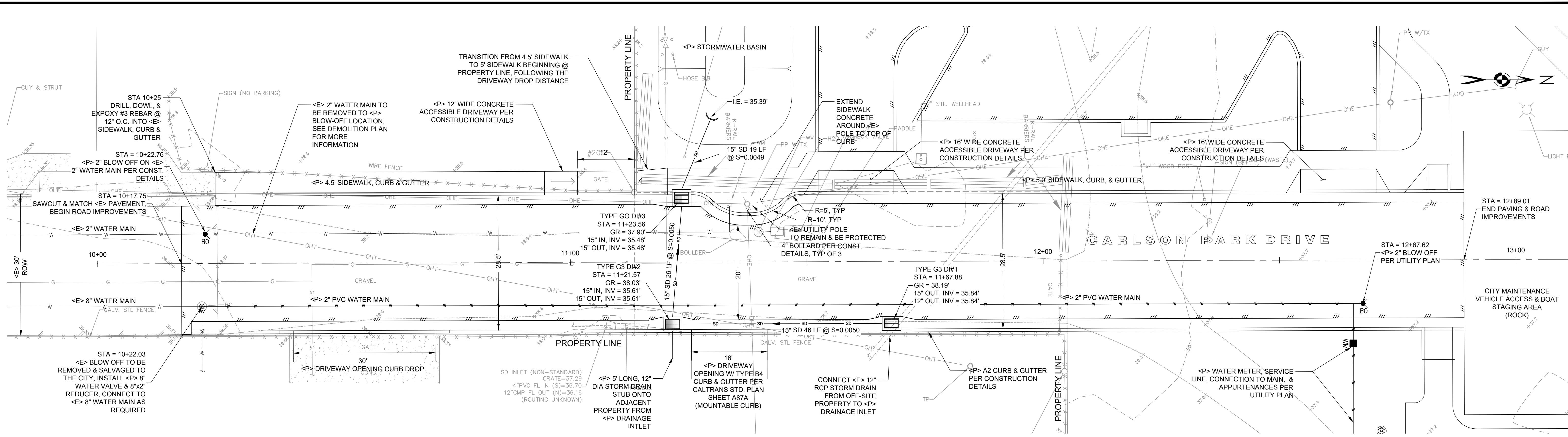
SEE C1.0



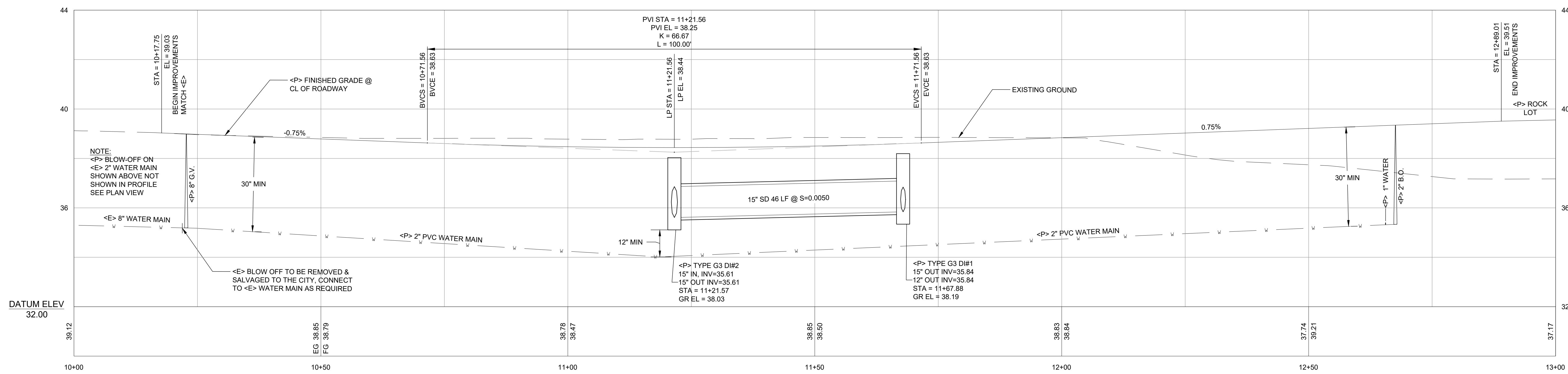
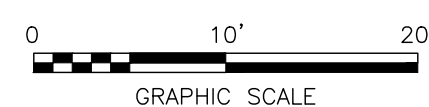
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ARCATA, CA 95518

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**SITE PLAN**  
**PLAYGROUND & PICNIC AREA**

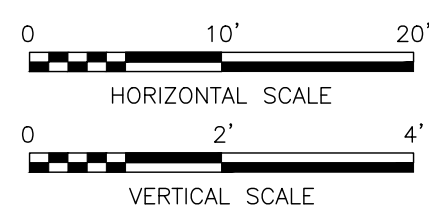
JOB NUMBER  
0118-CARLSON  
SHEET 9 OF 23  
**C1.2**



CARLSON PARK DRIVE - PLAN - STA 10+00 TO END

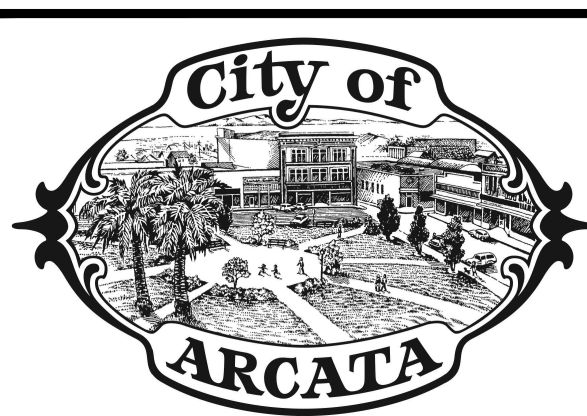


CARLSON PARK DRIVE - PROFILE - STA 10+00 TO END



**GENERAL NOTES**

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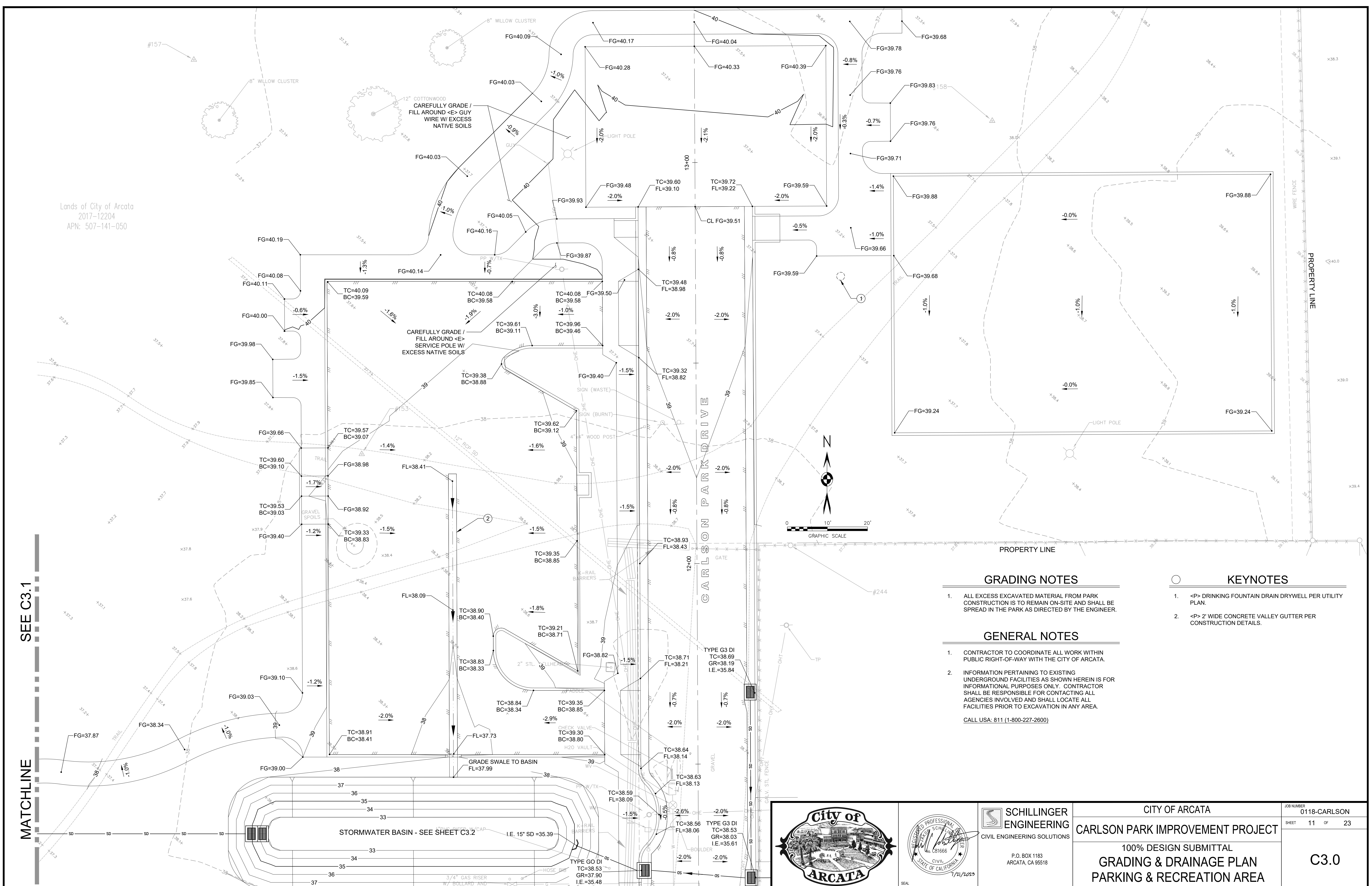


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CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
 100% DESIGN SUBMITTAL  
**PLAN & PROFILE**  
**CARLSON PARK DRIVE**

JOB NUMBER: 0118-CARLSON  
 SHEET: 10 OF 23  
**C2.0**

Lands of City of Arcata  
2017-12204  
APN: 507-141-050



SEE C3.1

MATCHLINE

**GRADING NOTES**

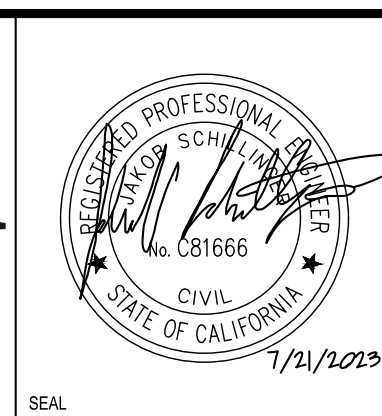
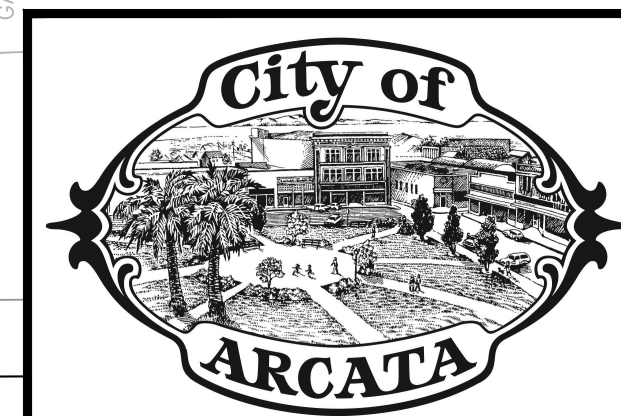
1. ALL EXCESS EXCAVATED MATERIAL FROM PARK CONSTRUCTION IS TO REMAIN ON-SITE AND SHALL BE SPREAD IN THE PARK AS DIRECTED BY THE ENGINEER.

**GENERAL NOTES**

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CALL USA: 811 (1-800-227-2800)

**KEYNOTES**

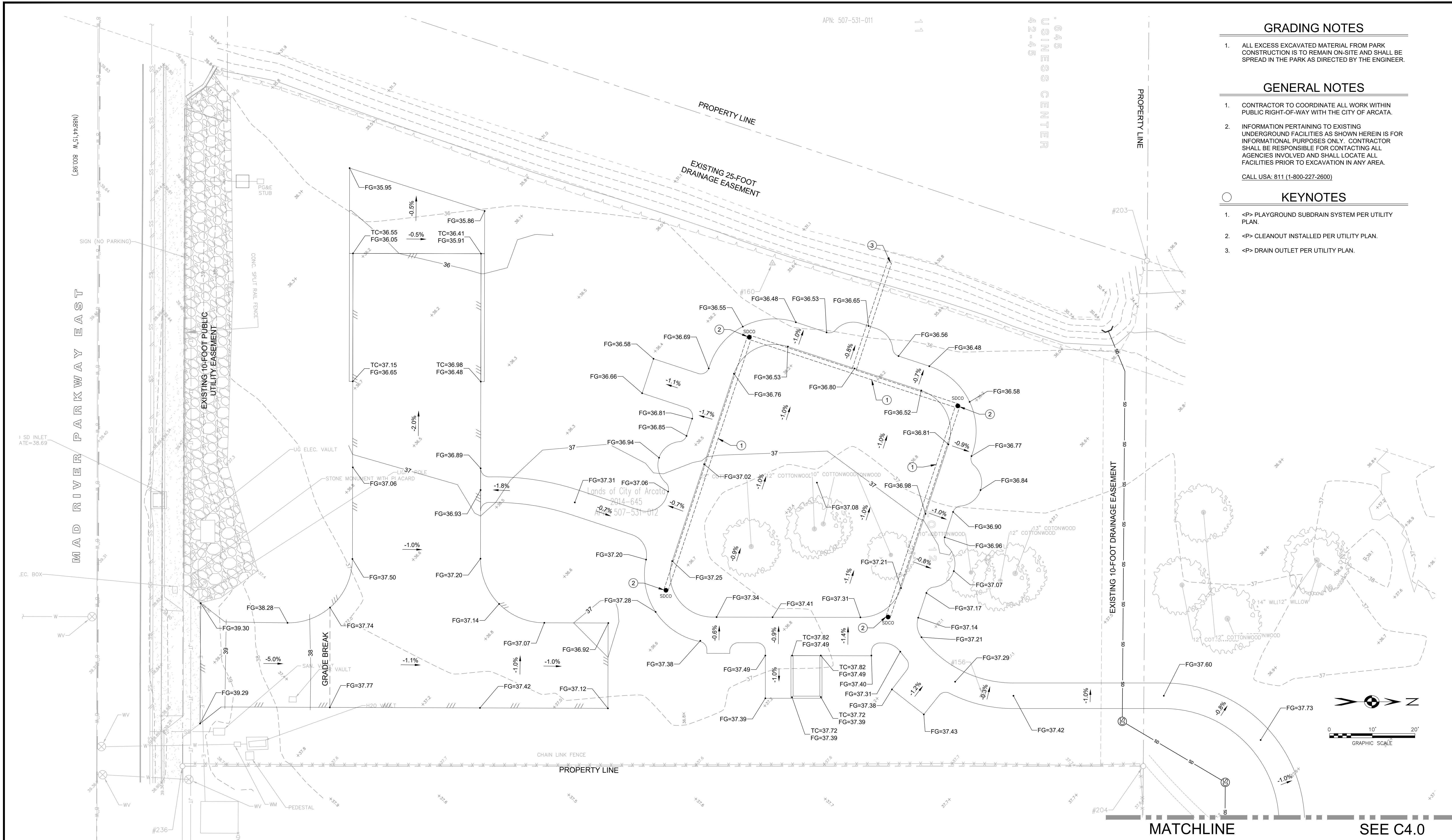
1. <P> DRINKING FOUNTAIN DRAIN DRYWELL PER UTILITY PLAN.
2. <P> 2' WIDE CONCRETE VALLEY GUTTER PER CONSTRUCTION DETAILS.



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CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**GRADING & DRAINAGE PLAN**  
PARKING & RECREATION AREA

JOB NUMBER 0118-CARLSON  
SHEET 11 OF 23  
**C3.0**



APN: 507-531-011

645  
BUSINESS CENTER  
42-45

**GRADING NOTES**

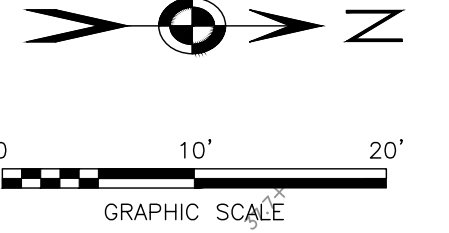
1. ALL EXCESS EXCAVATED MATERIAL FROM PARK CONSTRUCTION IS TO REMAIN ON-SITE AND SHALL BE SPREAD IN THE PARK AS DIRECTED BY THE ENGINEER.

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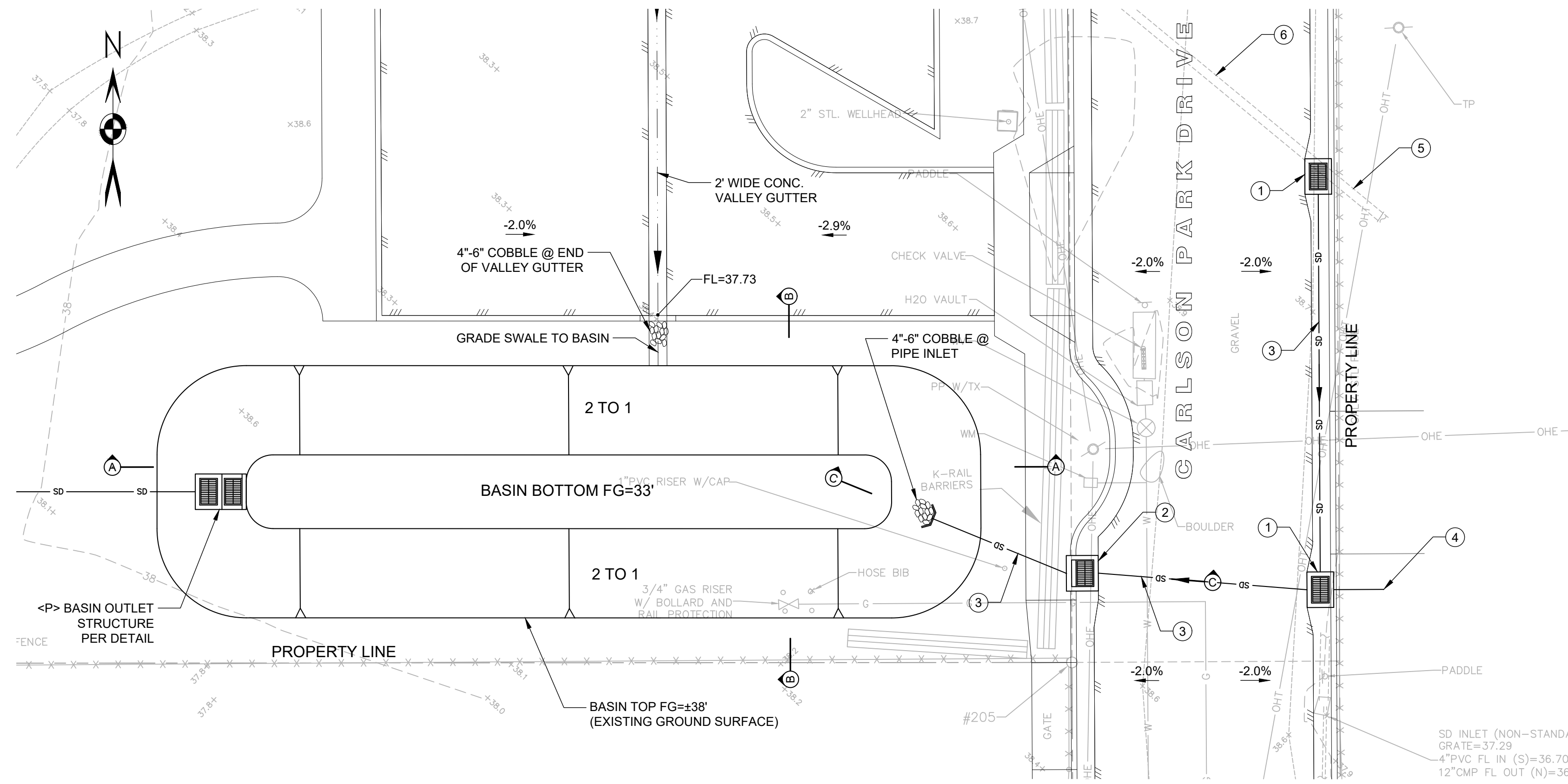
**KEYNOTES**

1. <P> PLAYGROUND SUBDRAIN SYSTEM PER UTILITY PLAN.
2. <P> CLEANOUT INSTALLED PER UTILITY PLAN.
3. <P> DRAIN OUTLET PER UTILITY PLAN.

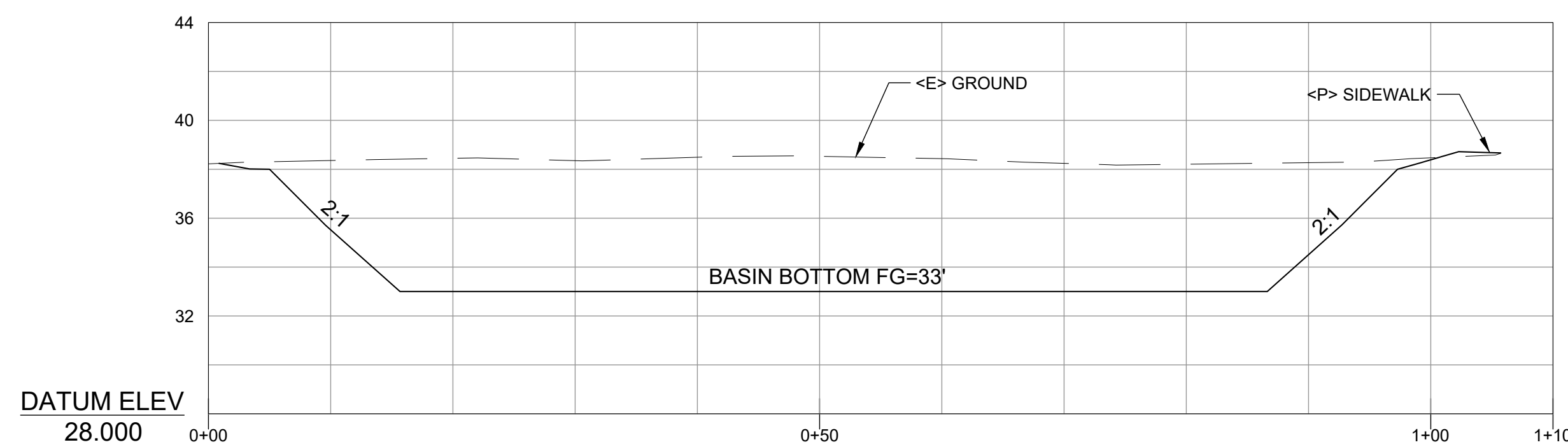
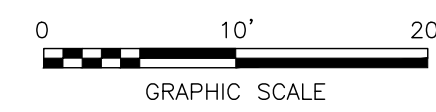


MATCHLINE SEE C4.0

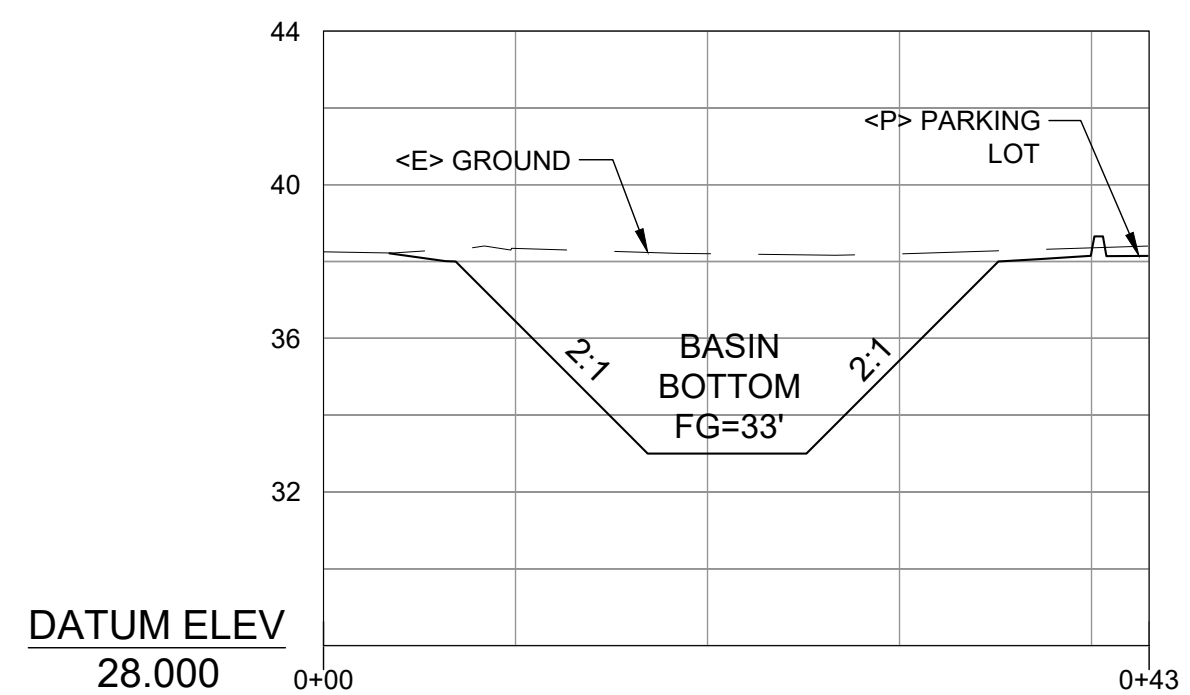
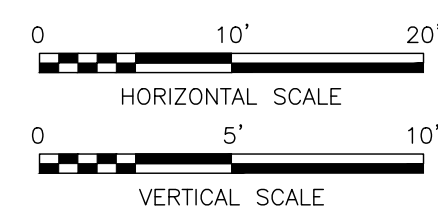
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			CARLSON PARK IMPROVEMENT PROJECT		SHEET 12 OF 23
			100% DESIGN SUBMITTAL GRADING & DRAINAGE PLAN PLAYGROUND & PICNIC AREA		C3.1



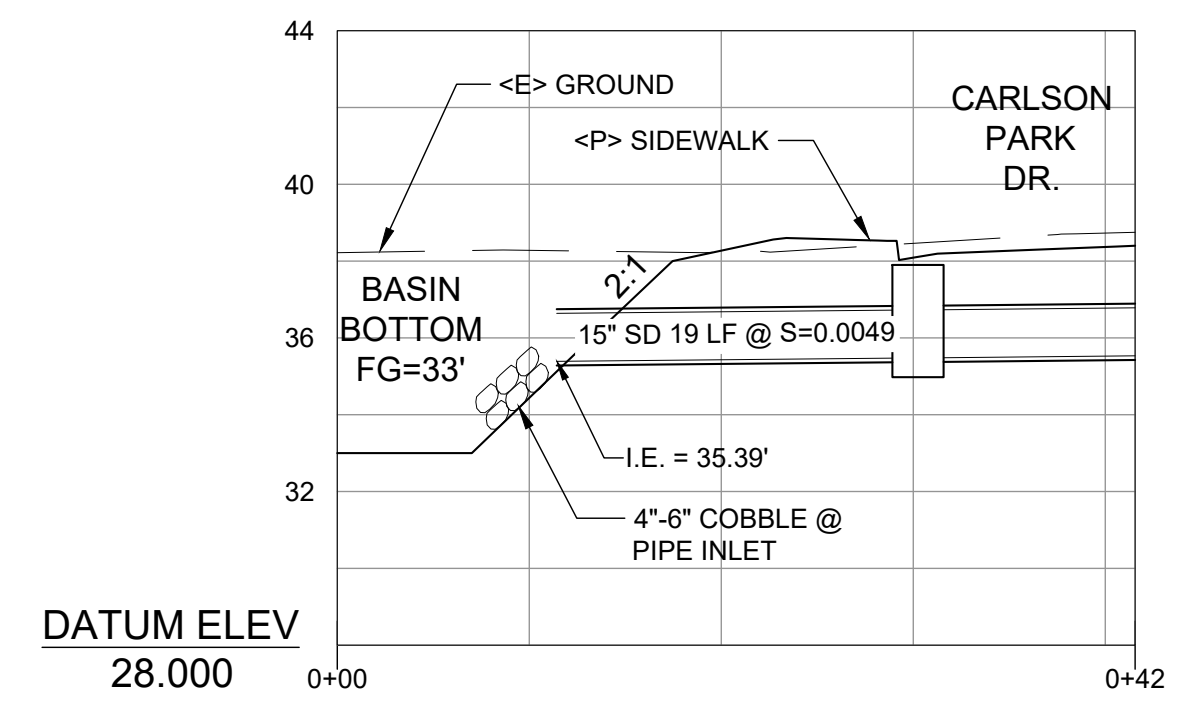
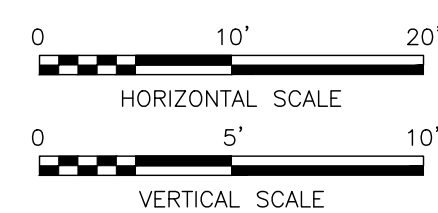
STORMWATER BASIN PLAN



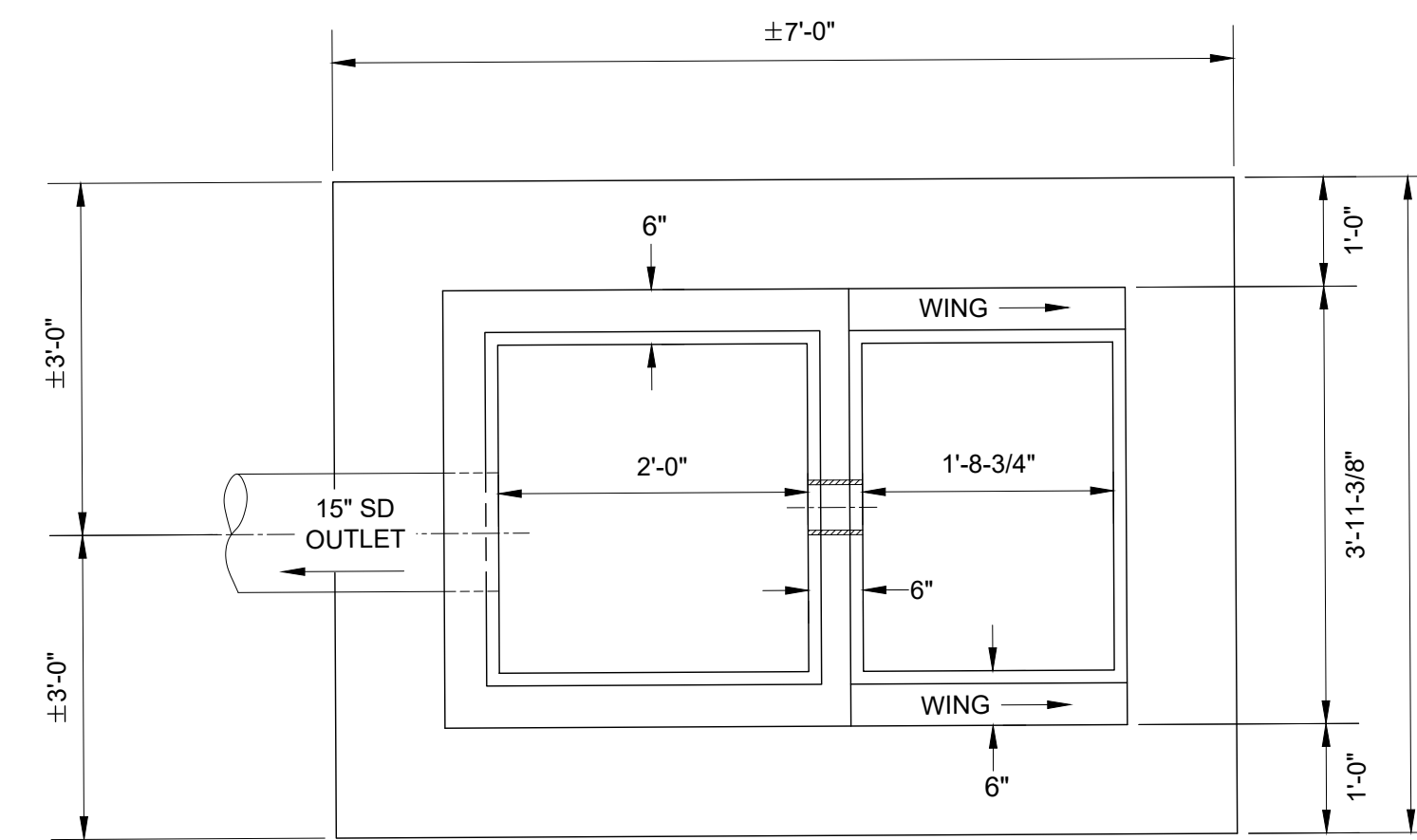
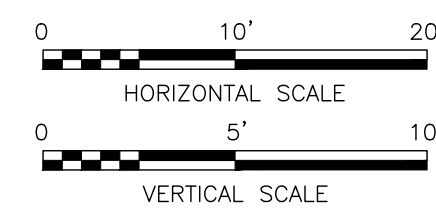
CROSS SECTION A - A  
N.T.S.



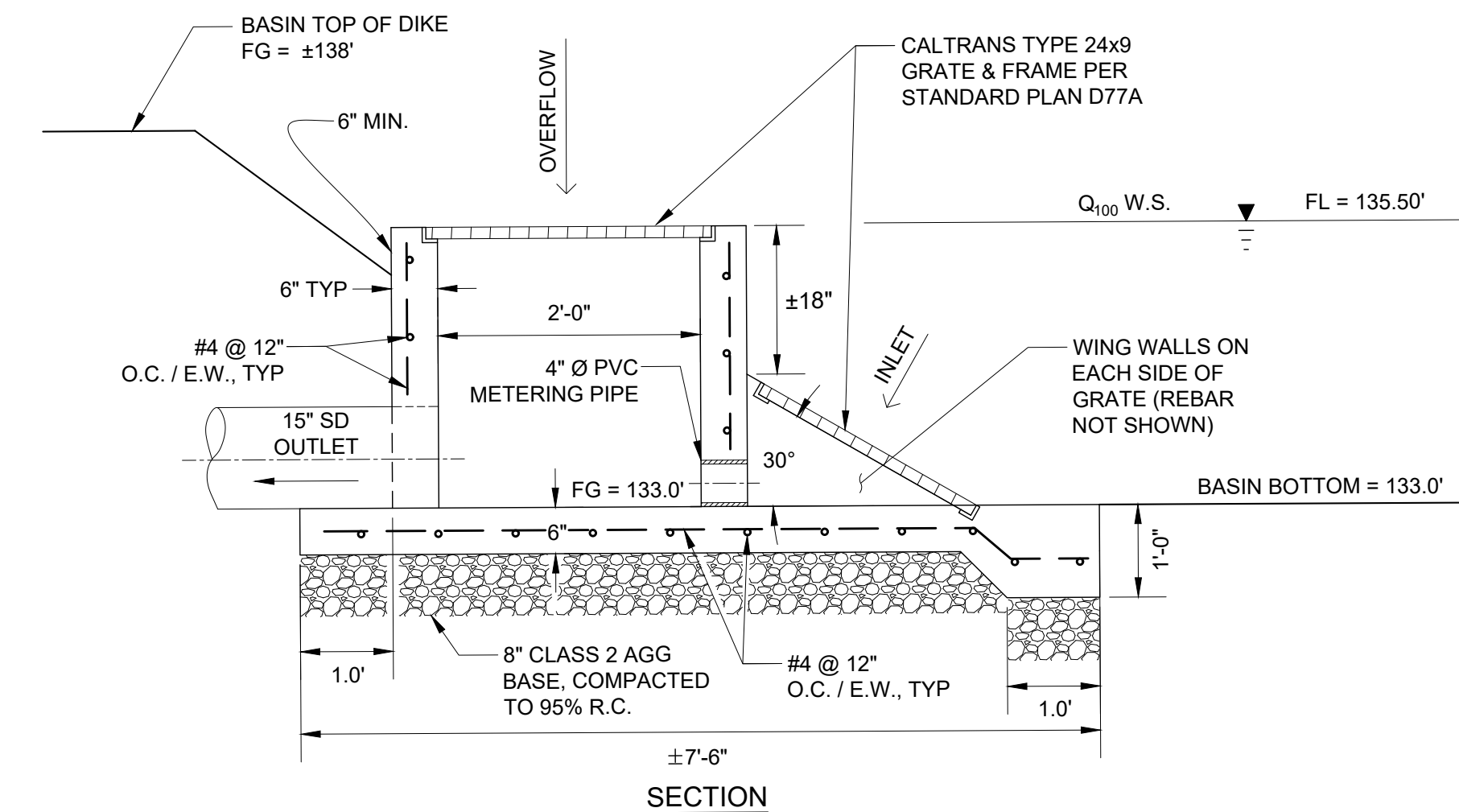
CROSS SECTION B - B  
N.T.S.



CROSS SECTION C - C  
N.T.S.



PLAN



1 OUTLET STRUCTURE DETAIL  
N.T.S.

GRADING NOTES

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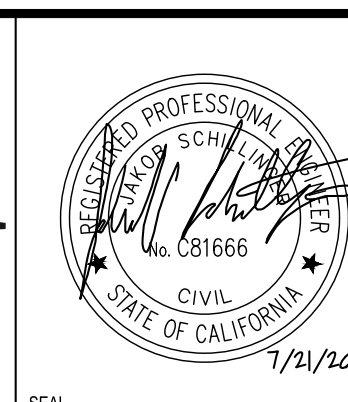
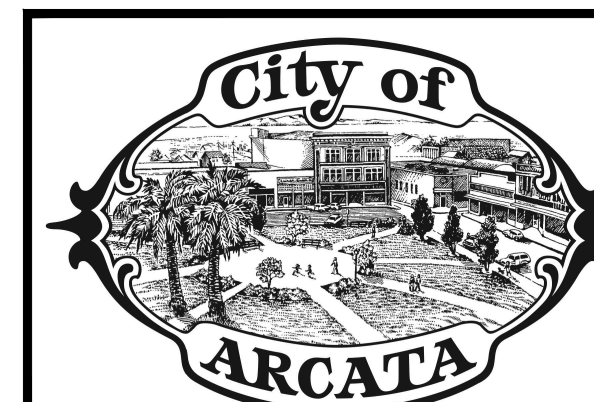
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CALL USA: 811 (1-800-227-2600)

KEYNOTES

- <N> TYPE G3 DRAINAGE INLET W. TYPE 24x12X BICYCLE PROOF GRATE PER CALTRANS STANDARD PLANS D73 & D77B.
- <N> TYPE G0 DRAINAGE INLET W/ TYPE 24x12X BICYCLE PROOF GRATE PER CALTRANS STANDARD PLANS D74B & D77B.
- <N> 15" HDPE STORM DRAIN PIPE.
- <N> 12" HDPE STORM DRAIN PIPE STUB EXTENDED 5' INTO <E> ADJACENT PRIVATE PROPERTY.
- CAREFULLY REMOVE EXISTING FENCING AS REQUIRED TO CONNECT <E> 12" RCP STORM DRAIN PIPE LEAVING PRIVATE PROPERTY TO <P> DRAINAGE INLET & RE-INSTALL <E> FENCING
- <E> 12" RCP STORM DRAIN PIPE TO BE REMOVED IN LIMITS OF PROPOSED IMPROVEMENTS. SEE DEMOLITION PLANS FOR MORE INFORMATION.



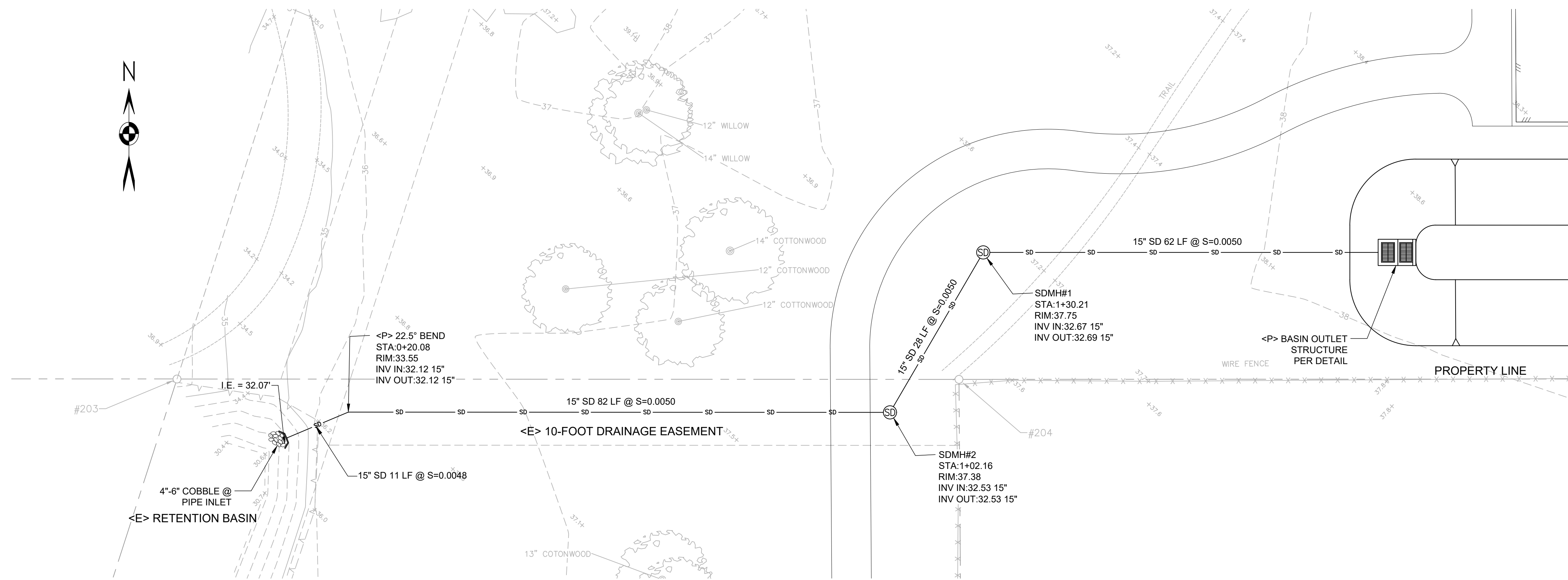
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CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**GRADING & DRAINAGE PLAN**  
STORMWATER BASIN

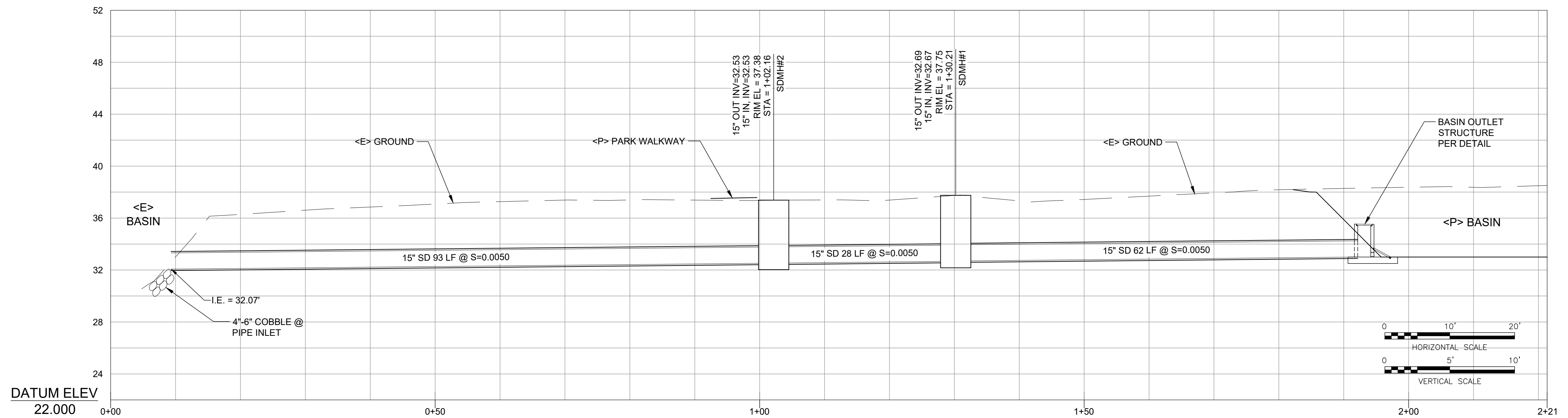
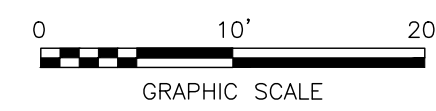
JOB NUMBER: 0118-CARLSON  
SHEET: 13 OF 23  
**C3.2**

**GENERAL NOTES**

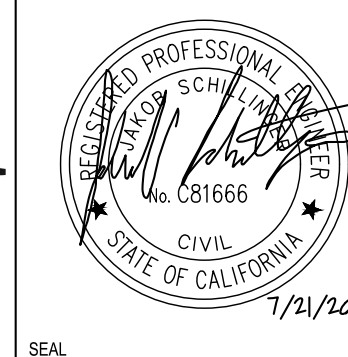
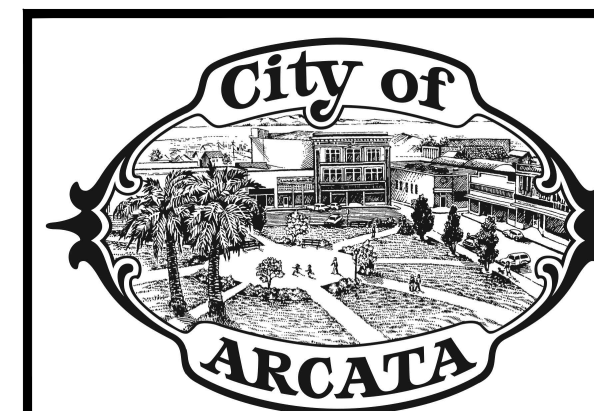
1. CONTRACTOR TO COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE CITY OF ARCATA.
2. INFORMATION PERTAINING TO EXISTING UNDERGROUND FACILITIES AS SHOWN HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL AGENCIES INVOLVED AND SHALL LOCATE ALL FACILITIES PRIOR TO EXCAVATION IN ANY AREA.  
CALL USA: 811 (1-800-227-2600)
3. SEE CONSTRUCTION DETAILS FOR THE TYPICAL STORM DRAIN MANHOLE DETAIL.



**STORMWATER OVERFLOW - PLAN - STA 0+00 TO END**



**STORMWATER OVERFLOW - PROFILE - STA 0+00 TO END**



**SCHILLINGER ENGINEERING**  
CIVIL ENGINEERING SOLUTIONS

P.O. BOX 1183  
ARCATA, CA 95518

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**

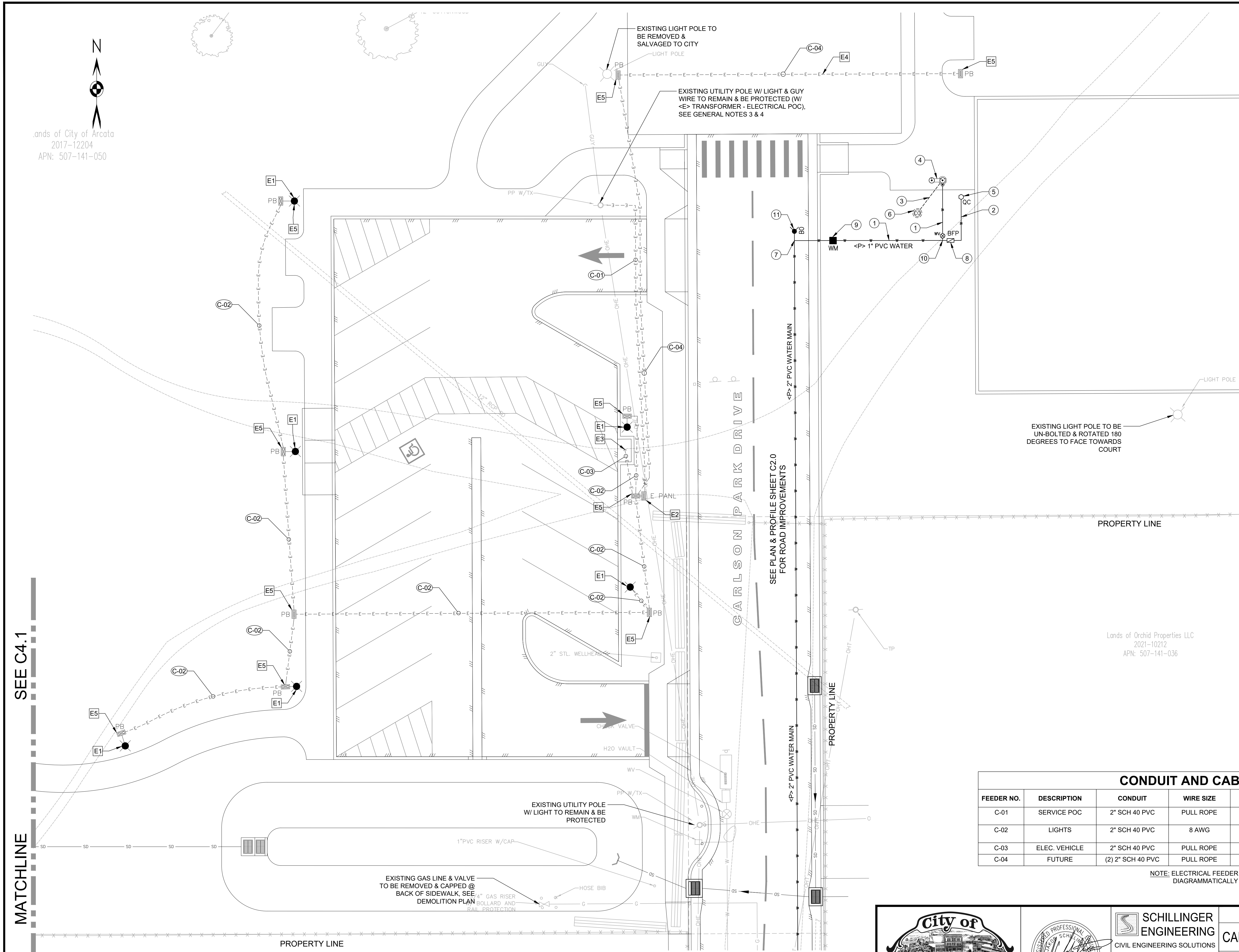
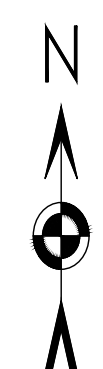
100% DESIGN SUBMITTAL  
**STORMWATER OUTFALL PIPE  
PLAN & PROFILE**

JOB NUMBER  
0118-CARLSON

SHEET 14 OF 23

**C3.3**

Lands of City of Arcata  
2017-12204  
APN: 507-141-050



**GENERAL NOTES**

- CONTRACTOR TO COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE CITY OF ARCATA.
  - SEE CARLSON PARK DRIVE PLAN & PROFILE SHEET FOR CONNECTION TO EXISTING WATER SUPPLY FOR THE PARKING & RECREATION AREA.
  - CONTRACTOR TO COORDINATE PROVISION OF <N> 240/120V, 400-AMP, SINGLE PHASE ELECTRICAL SERVICE WITH PG&E.
  - CONTRACTOR TO INSTALL CONDUIT(S) FROM THE EXISTING POLE POINT OF CONNECTION (POC) TO THE PROPOSED ELECTRICAL METER SERVICE PANEL PER PG&E DISTRIBUTION TRENCH STANDARDS INCLUDING COORDINATING TRENCH INSPECTION AS REQUIRED, PG&E TO PROVIDE AND INSTALL POLE DROP AND CONDUCTORS TO THE ELECTRICAL SERVICE PANEL AND INSTALL THE METER.
  - INFORMATION PERTAINING TO EXISTING UNDERGROUND FACILITIES AS SHOWN HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL AGENCIES INVOLVED AND SHALL LOCATE ALL FACILITIES PRIOR TO EXCAVATION IN ANY AREA.
- CALL USA: 811 (1-800-227-2600)

**KEYNOTES**

- <P> 1" PVC SCHEDULE 80 WATER SERVICE LINE.
- <P> 1" PVC SCHEDULE 80 IRRIGATION SERVICE LINE.
- <P> 1-1/2" PVC SCHEDULE 80 DRINKING FOUNTAIN DRAIN CONNECTION TO DRYWELL SYSTEM PER CONSTRUCTION DETAILS.
- <P> DRINKING FOUNTAIN, MOST DEPENDABLE FOUNTAIN MODEL 440SN W/ OPTIONAL DOG FOUNTAIN, OR APPROVED EQUAL, COLOR AS APPROVED BY THE CITY, CONNECT TO <P> WATER LINE AS REQUIRED.
- <P> QUICK COUPLE HOSE CONNECTION, RAIN BIRD MODEL 44-LRC W/ RUBBER LOCKING COVER OR APPROVED EQUAL, INSTALLED IN CARSON 0910 BOX W/ LOCKING LID MARKED "IRRIGATION".
- <P> DRYWELL, 18" DIA x 24" HIGH CONCRETE RISER W/ DRAIN ROCK & CLEANOUT.
- <P> 1" PVC SCHEDULE 80 WATER SERVICE CONNECTION TO <P> 2" WATER MAIN WITH SADDLE AND CORP STOP PER CONSTRUCTION DETAILS.
- <P> 1" BACK FLOW PREVENTION DEVICE (DOUBLE CHECK VALVE - LEAD FREE), WATTS MODEL LF007M1QT OR EQUAL IN CARSON 1730 BOX W/ LOCKING LID MARKED "WATER".
- <P> 1" WATER METER IN BOX PER CONSTRUCTION DETAILS.
- <P> 1" GATE VALVE IN SAME CARSON BOX AS <P> BACK FLOW PREVENTION DEVICE.
- <P> 2" BLOW-OFF PER CONSTRUCTION DETAILS.

**KEYNOTES - ELECTRICAL**

- <P> 10' TALL DECORATIVE LIGHTING W/ 40 WATT LED BULB.
- <P> 400 AMP SURFACE MOUNT ELECTRICAL PANEL W/ METER SOCKET, MOUNTED ON STEEL POST AND STRUT SUPPORT BACKBOARD PER PG&E GREENBOOK DOCUMENT 065374, FIGURE 1. SEE GENERAL NOTE 1. INSTALL 3' x 3' x 4" THICK CONCRETE SLAB OVER 4" AGG BASE COMPACTED TO 95% R.C. TO PROVIDE A WORKING SURFACE IN FRONT OF METER PANEL.
- <P> CONDUIT EXTENSION FOR FUTURE EV CHARGER IN LOCATION AS DIRECTED BY THE ENGINEER.
- EXTEND (2) 2" PVC SPARE CONDUITS TO MULTI-USE COURT.
- <P> ELECTRICAL PULL BOX.

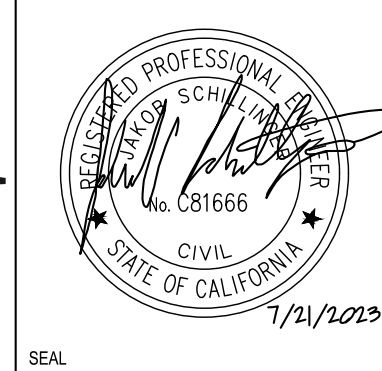
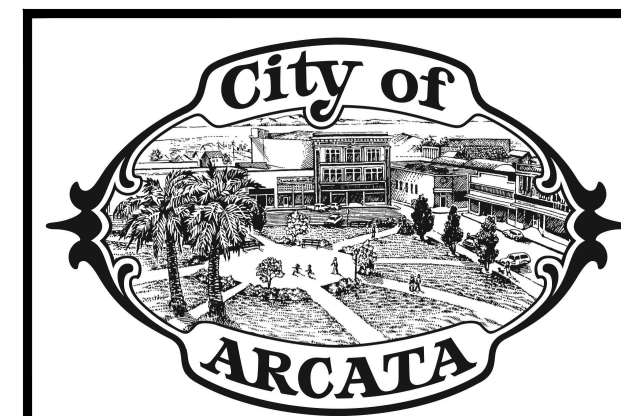
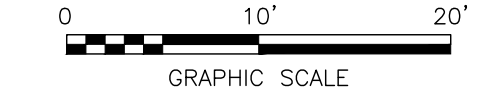
**CONDUIT AND CABLE SCHEDULE**

FEEDER NO.	DESCRIPTION	CONDUIT	WIRE SIZE	GROUND	NOTES	BREAKER
C-01	SERVICE POC	2" SCH 40 PVC	PULL ROPE	-	INSTALL CONDUIT TO METER	-
C-02	LIGHTS	2" SCH 40 PVC	8 AWG	8 AWG	120 VOLT, PROVIDE PE CONTROL	20 AMP / SINGLE POLE
C-03	ELEC. VEHICLE	2" SCH 40 PVC	PULL ROPE	-	STUB-UP AS DIRECTED	-
C-04	FUTURE	(2) 2" SCH 40 PVC	PULL ROPE	-	TO MULT-USE COURTS	-

NOTE: ELECTRICAL FEEDER ALIGNMENT SHOWN DIAGRAMMATICALLY FOR CLARITY

SEE C4.1  
MATCHLINE

**UTILITY PLAN - PARKING & RECREATION AREA**



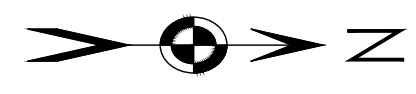
**SCHILLINGER ENGINEERING**  
CIVIL ENGINEERING SOLUTIONS

P.O. BOX 1183  
ARCATA, CA 95518

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**UTILITY PLAN**  
**PARKING & RECREATION AREA**

JOB NUMBER 0118-CARLSON  
SHEET 15 OF 23

C4.0



CONDUIT AND CABLE SCHEDULE						
FEEDER NO.	DESCRIPTION	CONDUIT	WIRE SIZE	GROUND	NOTES	BREAKER
C-01	RECEPTACLES	2" SCH 40 PVC				
	50 AMP / 20 AMP GFCI	IN SAME	6 AWG	6 AWG	240 VOLT	70 AMP / TWO-POLE
	50 AMP	IN SAME	6 AWG	6 AWG	240 VOLT	50 AMP / TWO POLE
C-02	LIGHTS	2" SCH 40 PVC	8 AWG	8 AWG	120 VOLT, PROVIDE PHOTO ELEC. CONTROL	20 AMP / SINGLE POLE
	PUMP STATION	2" SCH 40 PVC	6 AWG	6 AWG	240 VOLT	30 AMP / DOUBLE POLE

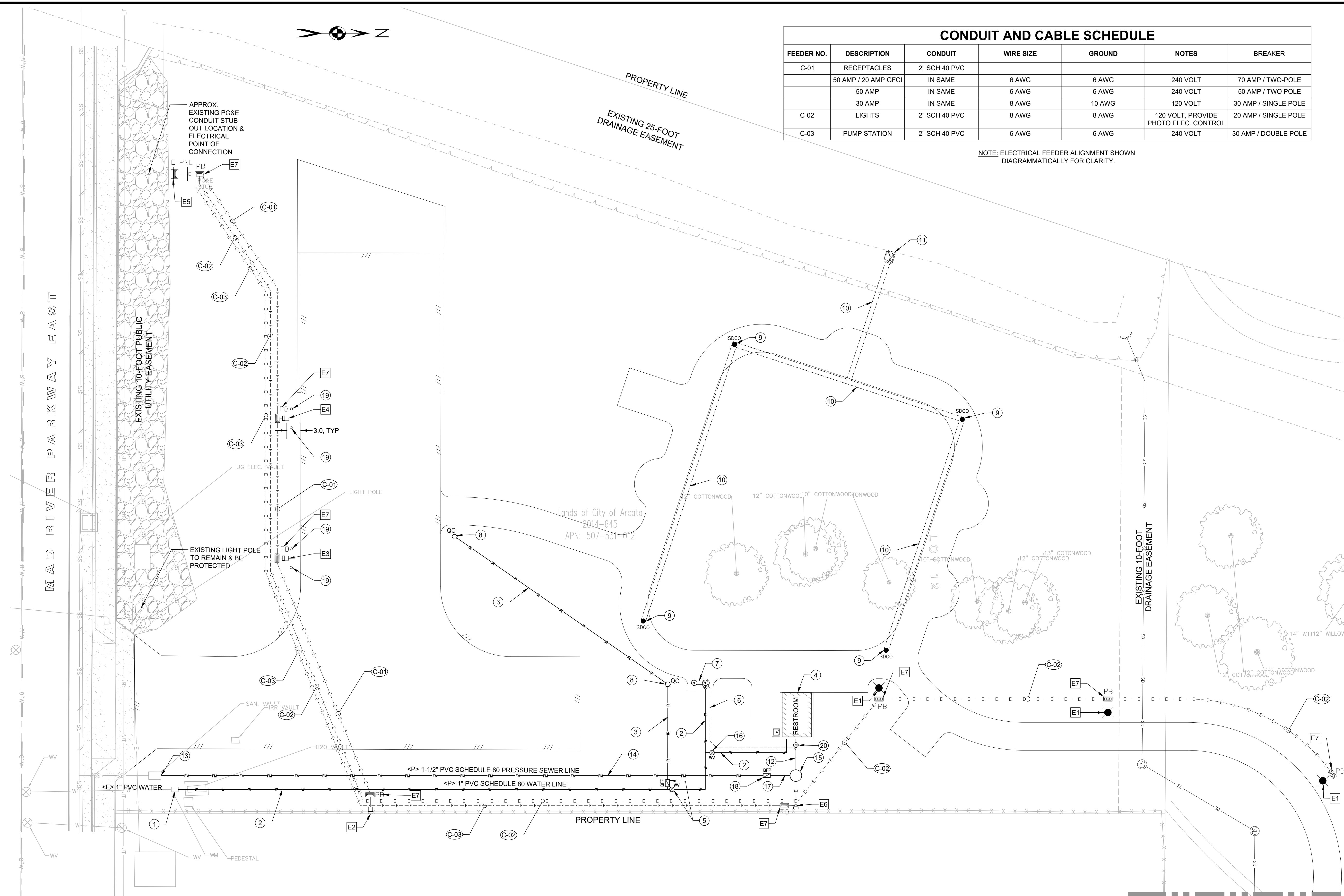
NOTE: ELECTRICAL FEEDER ALIGNMENT SHOWN DIAGRAMMATICALLY FOR CLARITY.

**KEYNOTES**

- <P> CONNECTION TO <E> 1" WATER SERVICE AT <E> WATER METER.
- <P> 1" PVC SCHEDULE 80 WATER SERVICE LINE.
- <P> 1" PVC SCHEDULE 80 IRRIGATION SERVICE LINE.
- <P> RESTROOM FACILITY, ROMTEC PER PROJECT SPECIFICATIONS, SUPPLIED BY CITY & INSTALLED BY CONTRACTOR.
- <P> 1" BACK FLOW PREVENTION DEVICE (DOUBLE CHECK VALVE - LEAD FREE), WATTS MODEL LF007M1QT OR EQUAL & 1" GATE VALVE IN CARSON 1730 BOX W/ LOCKING LID MARKED "WATER".
- <P> 1-1/2" PVC SCHEDULE 80 DRINKING FOUNTAIN DRAIN CONNECTION TO RESTROOM WASTE SYSTEM.
- <P> DRINKING FOUNTAIN, PER SITE PLAN.
- <P> QUICK COUPLE HOSE CONNECTION, RAIN BIRD MODEL 44-LRC W/ RUBBER LOCKING COVER OR APPROVED EQUAL, INSTALLED IN CARSON 0910 BOX W/ LOCKING LID MARKED "IRRIGATION".
- <P> PLAYGROUND SUBDRAIN CLEANOUT INSTALLED IN SIDEWALK PER CONSTRUCTION DETAILS.
- <P> PLAYGROUND SUBDRAIN W/ 6" PVC SCHEDULE 40 PERFORATED PIPE (NON-PERFORATED PIPE OUTSIDE OF PLAYGROUND SURFACING).
- <P> ROCK ARMOR @ SUBDRAIN OUTLET.
- CONNECT <P> 4" PVC SCHEDULE 40 WASTE LINE FROM RESTROOM TO <P> FACILITY SEWER.
- CONNECT <P> 1-1/2" PVC PRESSURE SEWER LINE TO <E> SANITARY SEWER CLEANOUT W/ FITTINGS AS REQUIRED & PER CONSTRUCTION DETAILS.
- <P> 1-1/2" PVC SCHEDULE 80 PRESSURE SEWER LINE.
- <P> RESTROOM FACILITY SEWER SYSTEM INCL. SANITARY SEWER HOLDING TANK & 1 HP GRINDER PUMP PACKAGE SYSTEM, E-ONE WH101-60 OR EQUAL.
- <P> 1" GATE VALVE IN BOX W/ LOCKING LID MARKED "WATER" PER CONSTRUCTION DETAILS.
- <P> 1-1/4" PVC SCHEDULE 80 DISCHARGE LINE FROM PUMP TO LATERAL ASSEMBLY (CHECK VALVE SYSTEM).
- <P> 2" STAINLESS STEEL LATERAL ASSEMBLY (CHECK VALVE SYSTEM) W/ REDUCING COMPRESSION FITTINGS, E-ONE MODEL # NA0330P10 OR EQUAL, SET IN BOX W/ LOCKING LID MARKED "SEWER" PER CONSTRUCTION DETAILS.
- <P> 4" BOLLARDS PER CONSTRUCTION DETAILS, SET 4' O.C. & 2' FROM EDGE OF PAVEMENT.
- <P> CLEANOUT ON 4" PVC SCHEDULE 40 WASTE LINE PER CONSTRUCTION DETAILS.

**KEYNOTES - ELECTRICAL**

- <E1> <P> 10' TALL DECORATIVE LIGHTING W/ 40 WATT LED BULB.
- <P> (1) - 50 AMP & (1) 20 AMP GFCI ELECTRICAL RECEPTACLES IN WATER PROOF PEDESTAL, FOR FUTURE MUSIC STAGE AREA MOUNTED ON STEEL POST AND STRUT SUPPORT BACKBOARD PER CONSTRUCTION DETAILS.
- <P> 30 AMP ELECTRICAL HOOKUP IN WATER PROOF RECEPTACLE, FOR FOOD TRUCKS MOUNTED ON STEEL POST AND STRUT SUPPORT BACKBOARD PER CONSTRUCTION DETAILS.
- <P> 50 AMP ELECTRICAL HOOKUP IN WATER PROOF RECEPTACLE, FOR FOOD TRUCKS MOUNTED ON STEEL POST AND STRUT SUPPORT BACKBOARD PER CONSTRUCTION DETAILS.
- <P> 200 AMP SURFACE MOUNT ELECTRICAL PANEL W/ METER SOCKET, MOUNTED ON STEEL POST AND STRUT SUPPORT BACKBOARD PER PG&E GREENBOOK DOCUMENT 065374, FIGURE 1, SEE GENERAL NOTE 1. INSTALL A 3' x 3' x 4" THICK CONCRETE SLAB OVER 4" AGG BASE COMPACTED TO 95% R.C. TO PROVIDE A WORKING SURFACE IN FRONT OF METER PANEL.
- <P> PUMP ALARM & CONTROLS MOUNTED TO STEEL POST AND STRUT SUPPORT BACKBOARD PER CONSTRUCTION DETAILS.
- <P> ELECTRICAL PULL BOX.

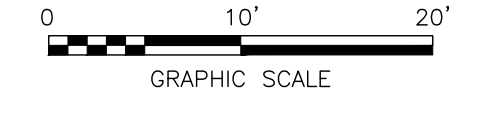


**GENERAL NOTES**

- CONTRACTOR TO COORDINATE PROVISION OF A <N> 240/120 VOLT, 200-AMP, SINGLE PHASE ELECTRICAL SERVICE W/ PG&E.
- INFORMATION PERTAINING TO EXISTING UNDERGROUND FACILITIES AS SHOWN HEREIN IS FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL AGENCIES INVOLVED AND SHALL LOCATE ALL FACILITIES PRIOR TO EXCAVATION IN ANY AREA.

CALL USA: 811 (1-800-227-2600)

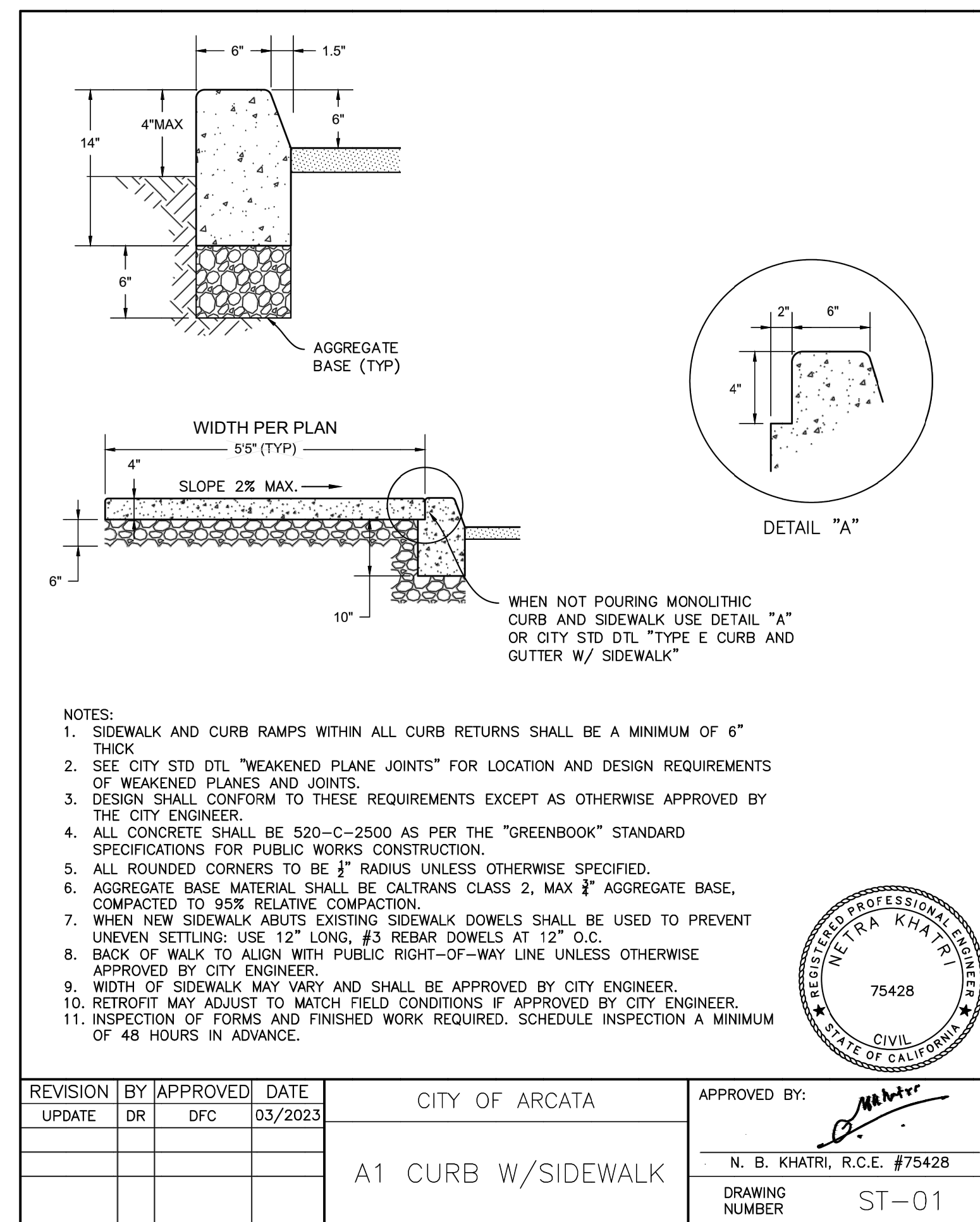
**UTILITY PLAN - PLAYGROUND & PICNIC AREA**



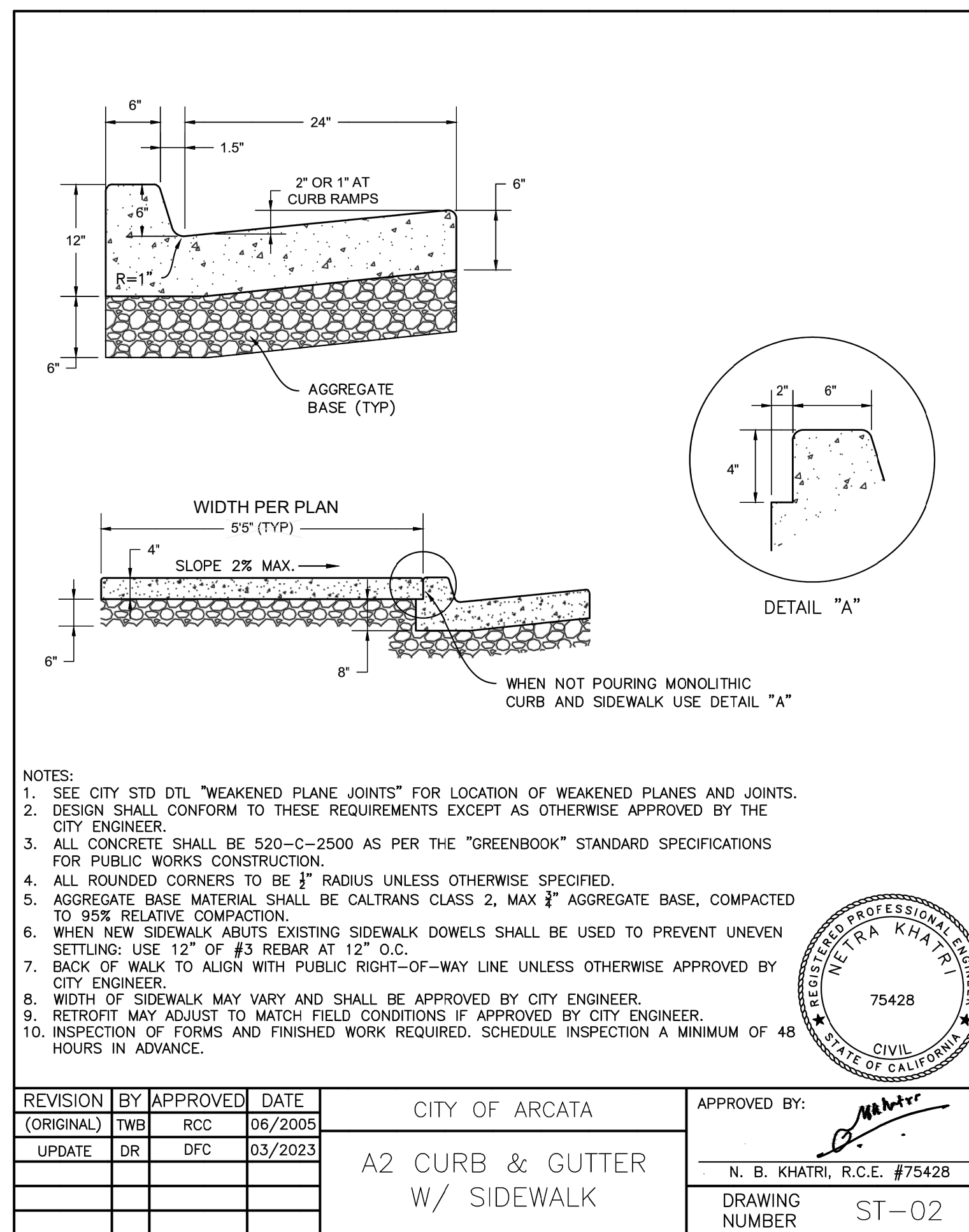
MATCHLINE SEE C4.0

		CITY OF ARCATA		JOB NUMBER 0118-CARLSON
		CARLSON PARK IMPROVEMENT PROJECT		SHEET 16 OF 23
		100% DESIGN SUBMITTAL UTILITY PLAN PLAYGROUND & PICNIC AREA		C4.1

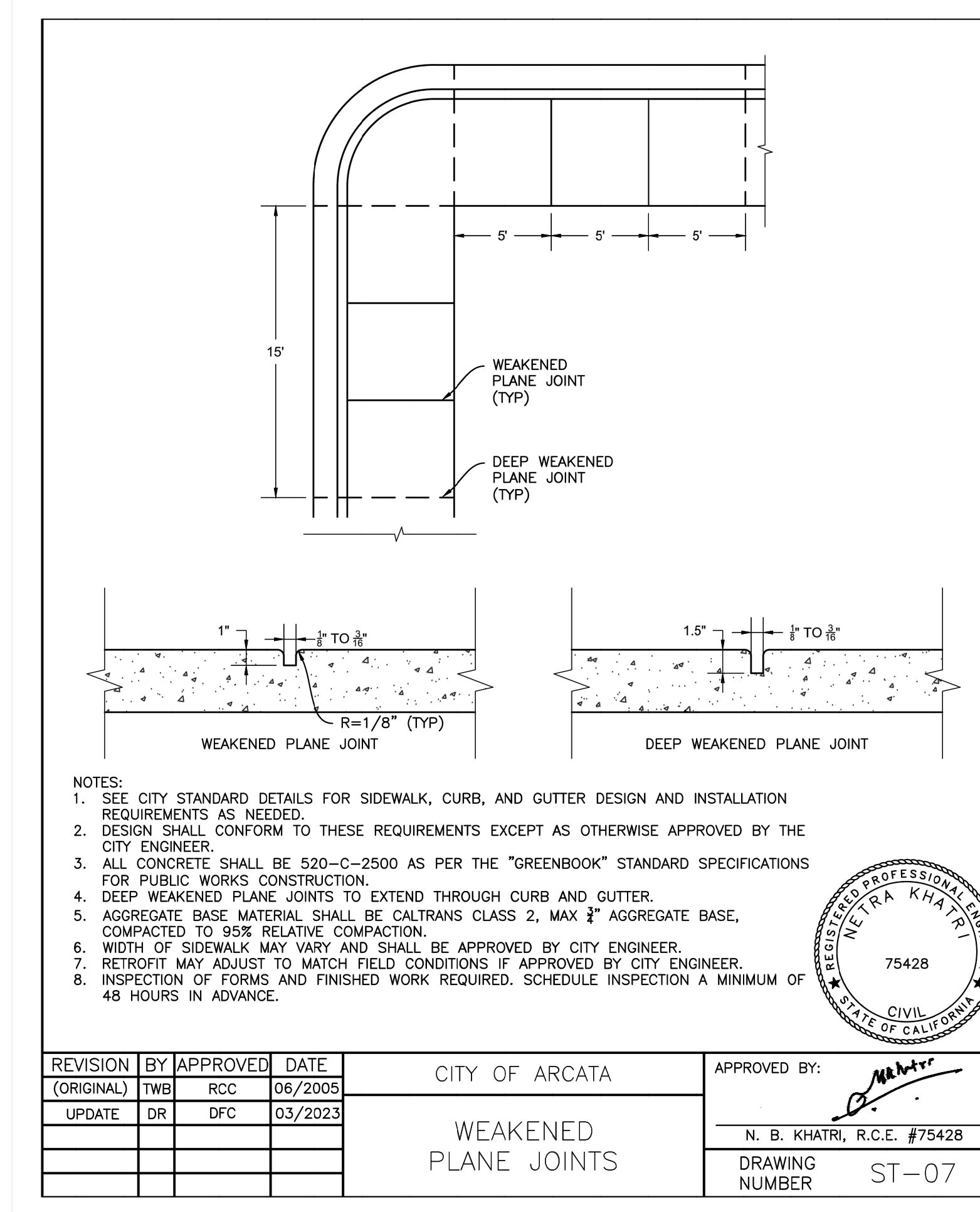




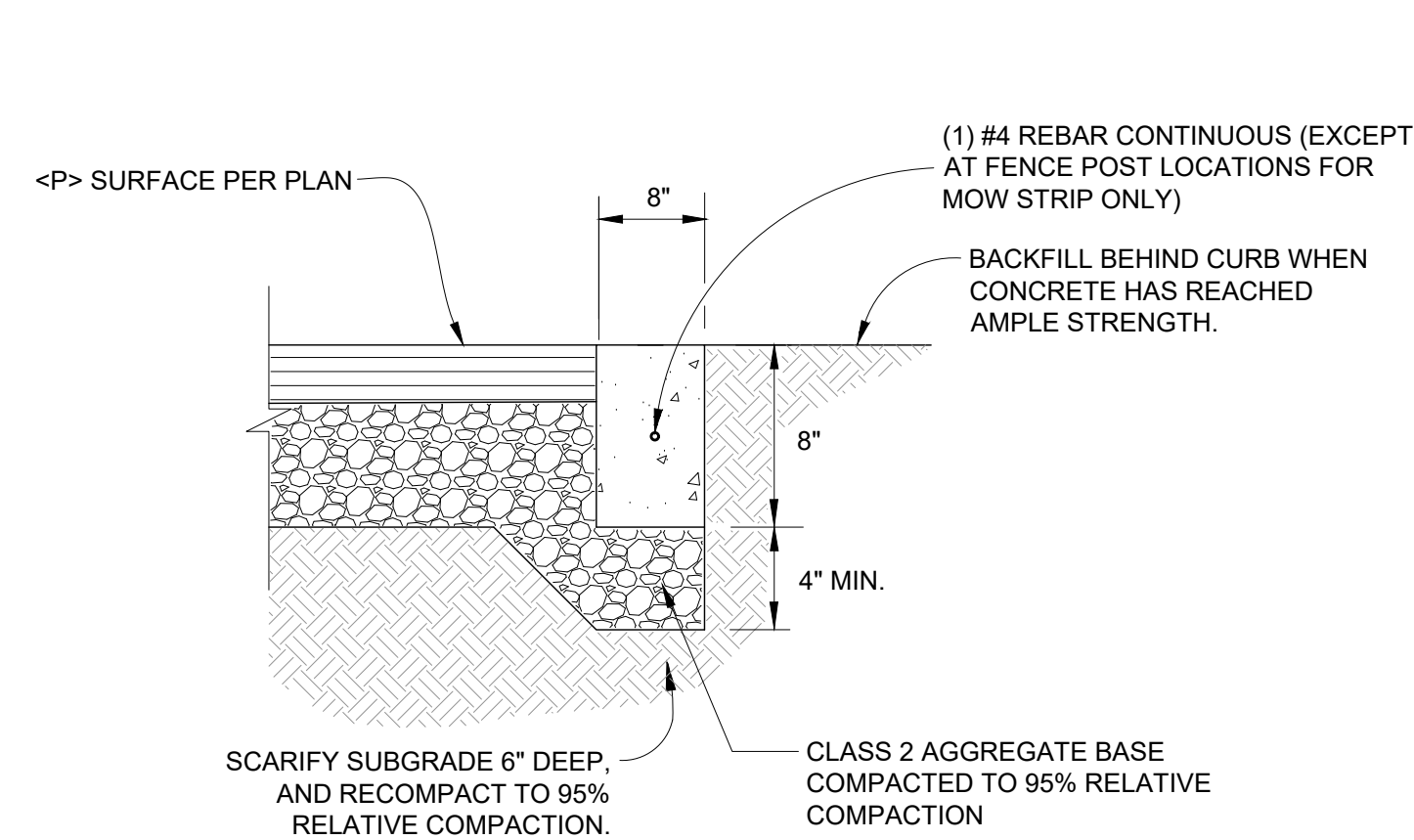
① A1 CURB & SIDEWALK CONSTRUCTION DETAIL (COA ST 01)  
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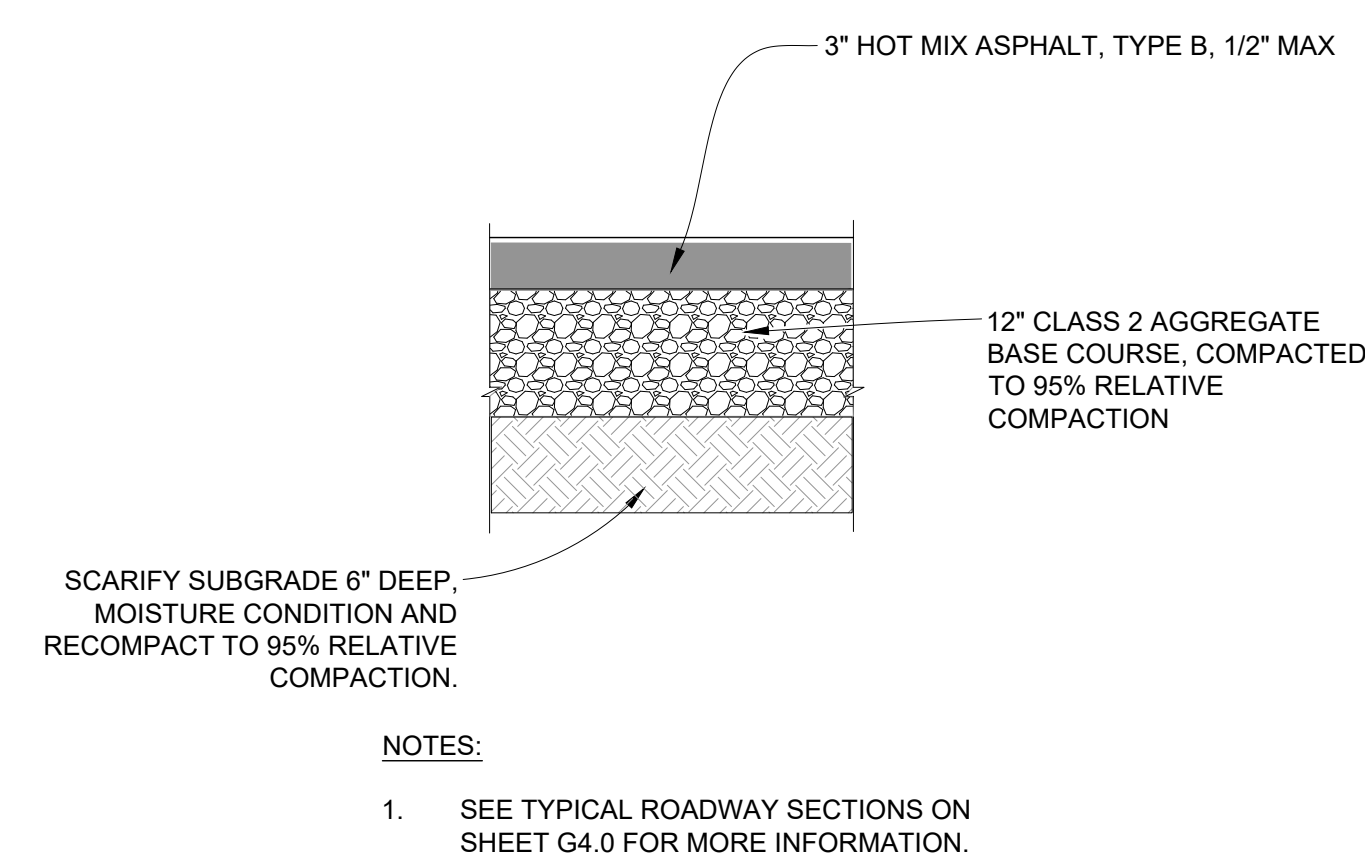
② A2 CURB & SIDEWALK CONSTRUCTION DETAIL (COA ST 02)  
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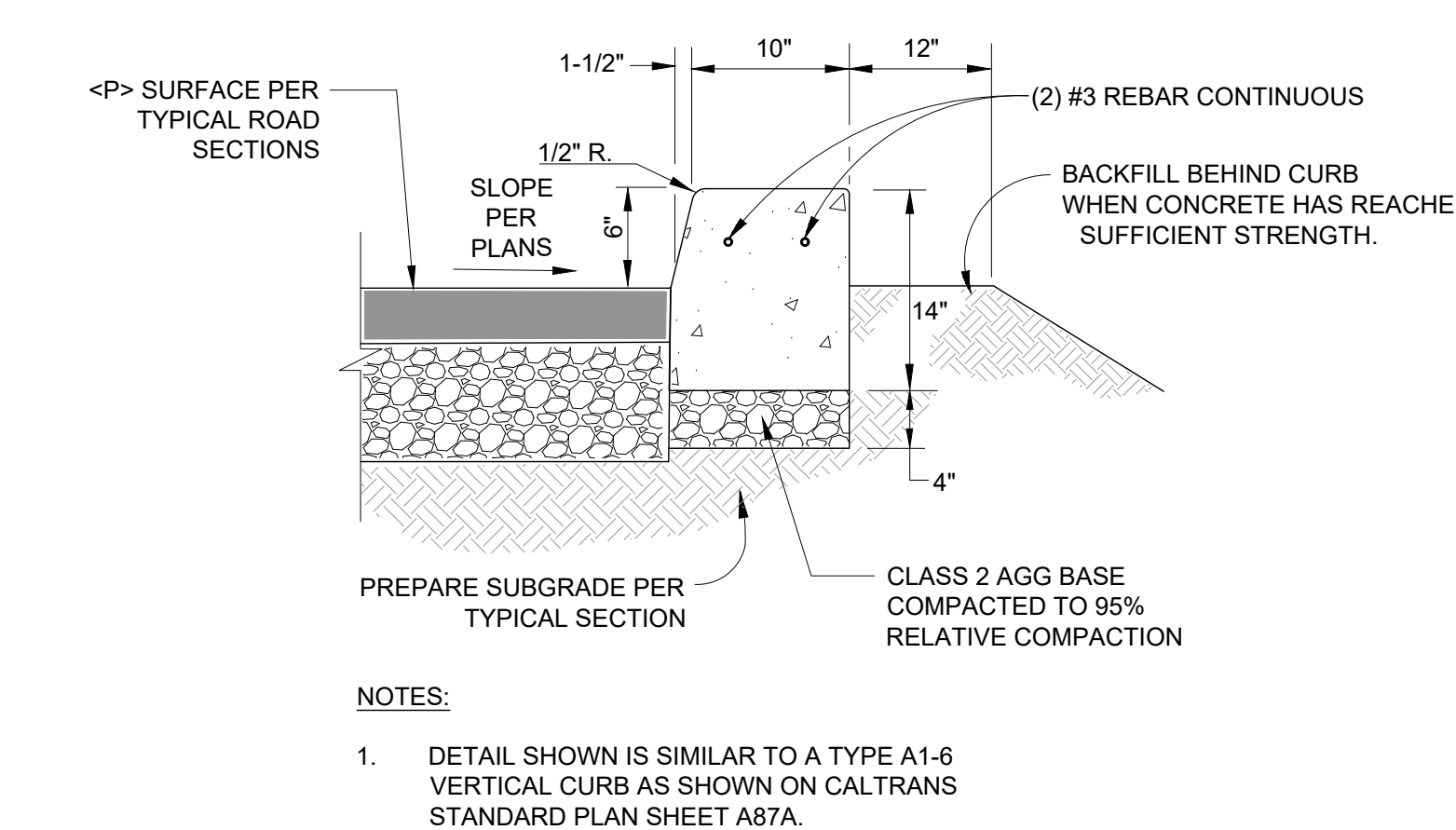
③ CONCRETE SIDEWALK CONSTRUCTION DETAIL (COA ST 07)  
N.T.S.



④ TYPICAL FLUSH CURB / MOW STRIP DETAIL  
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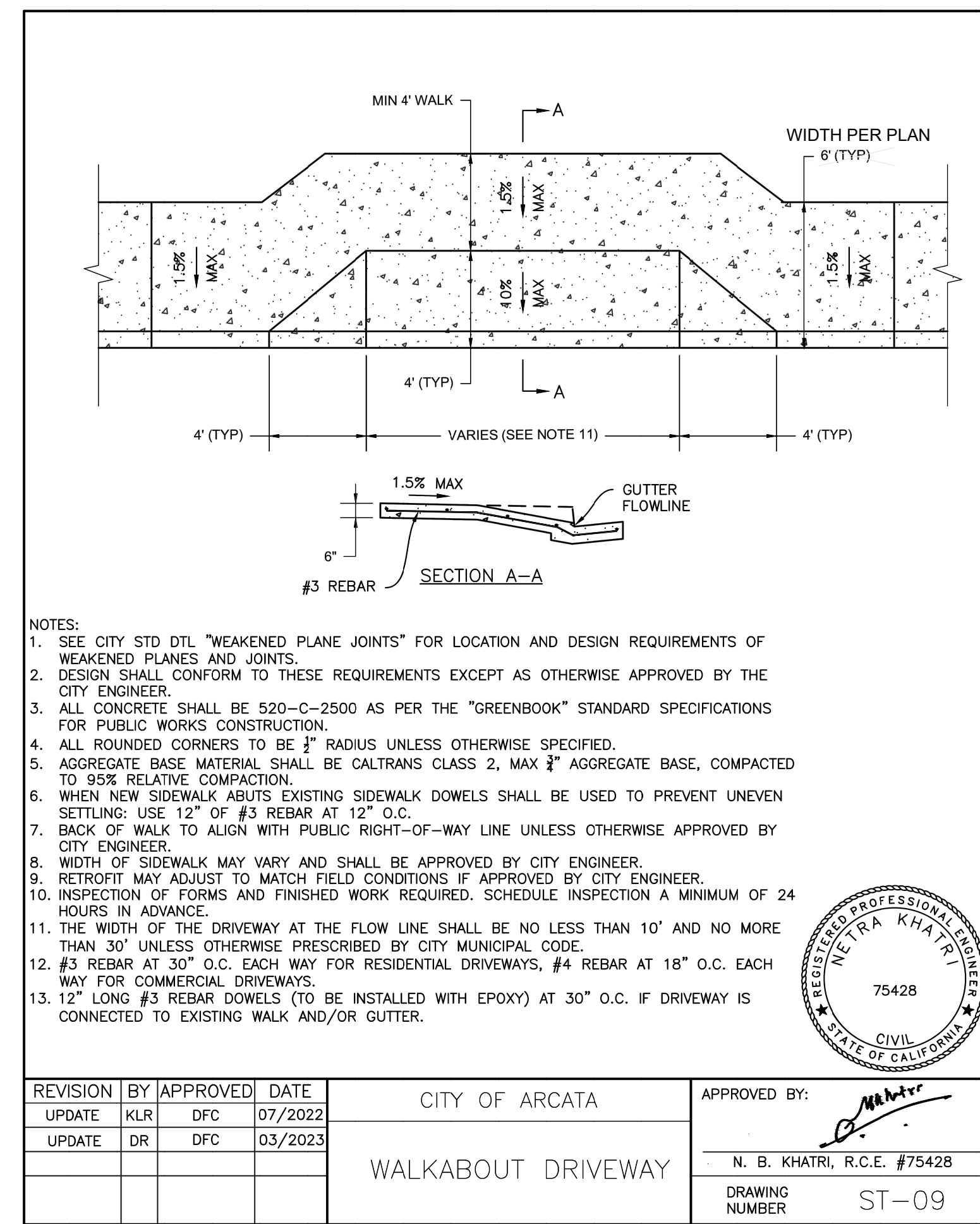


⑤ NEW STRUCTURAL PAVING SECTION  
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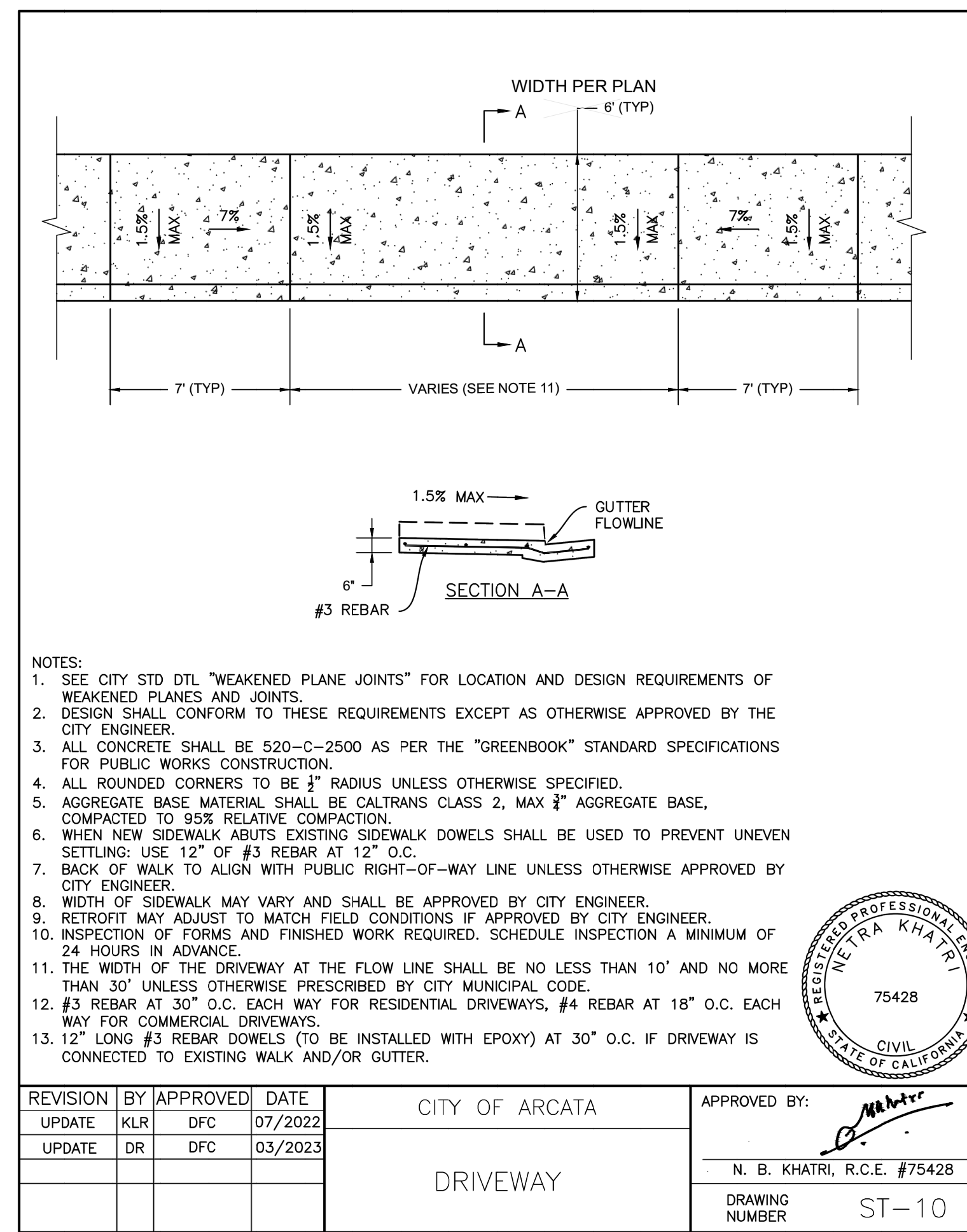


⑥ TYPICAL WIDE VERTICAL CURB DETAIL (SKATEBOARD FEATURE)  
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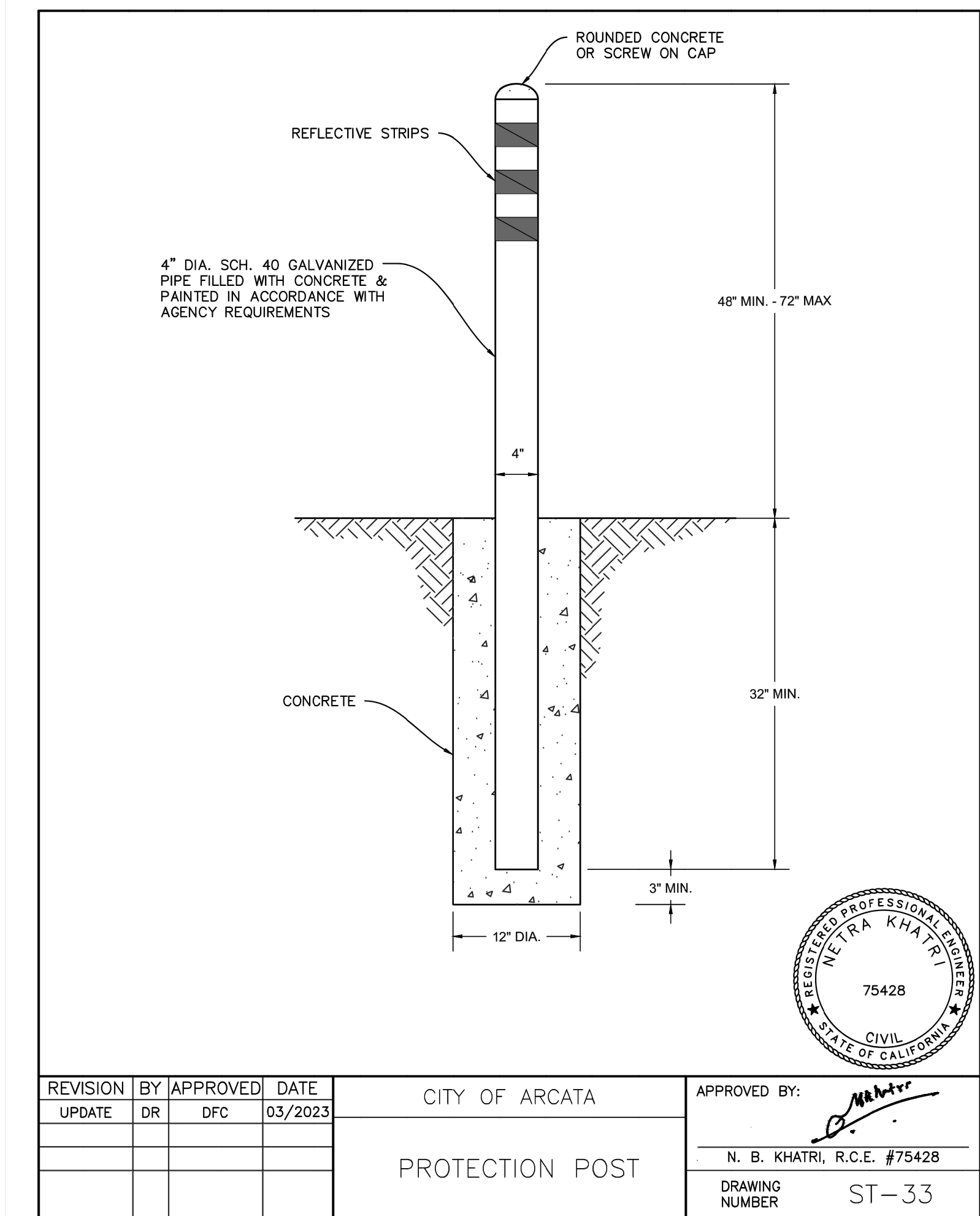
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		CARLSON PARK IMPROVEMENT PROJECT		SHEET	17 OF 23
P.O. BOX 1183 ARCATA, CA 95518		100% DESIGN SUBMITTAL		C5.0	
CONSTRUCTION DETAILS 1					



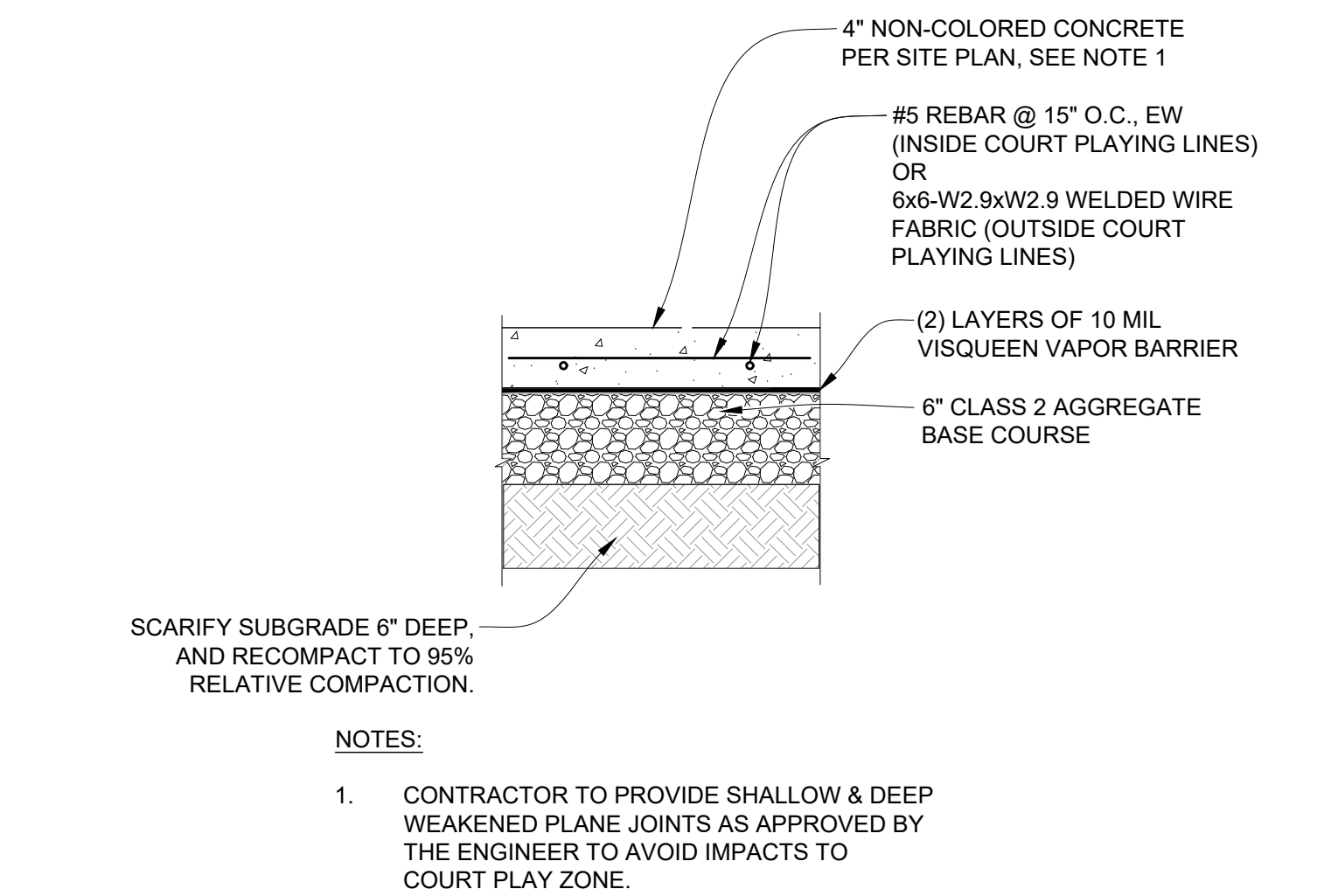
7 ACCESSIBLE DRIVEWAY CONSTRUCTION DETAIL (COA ST 09)  
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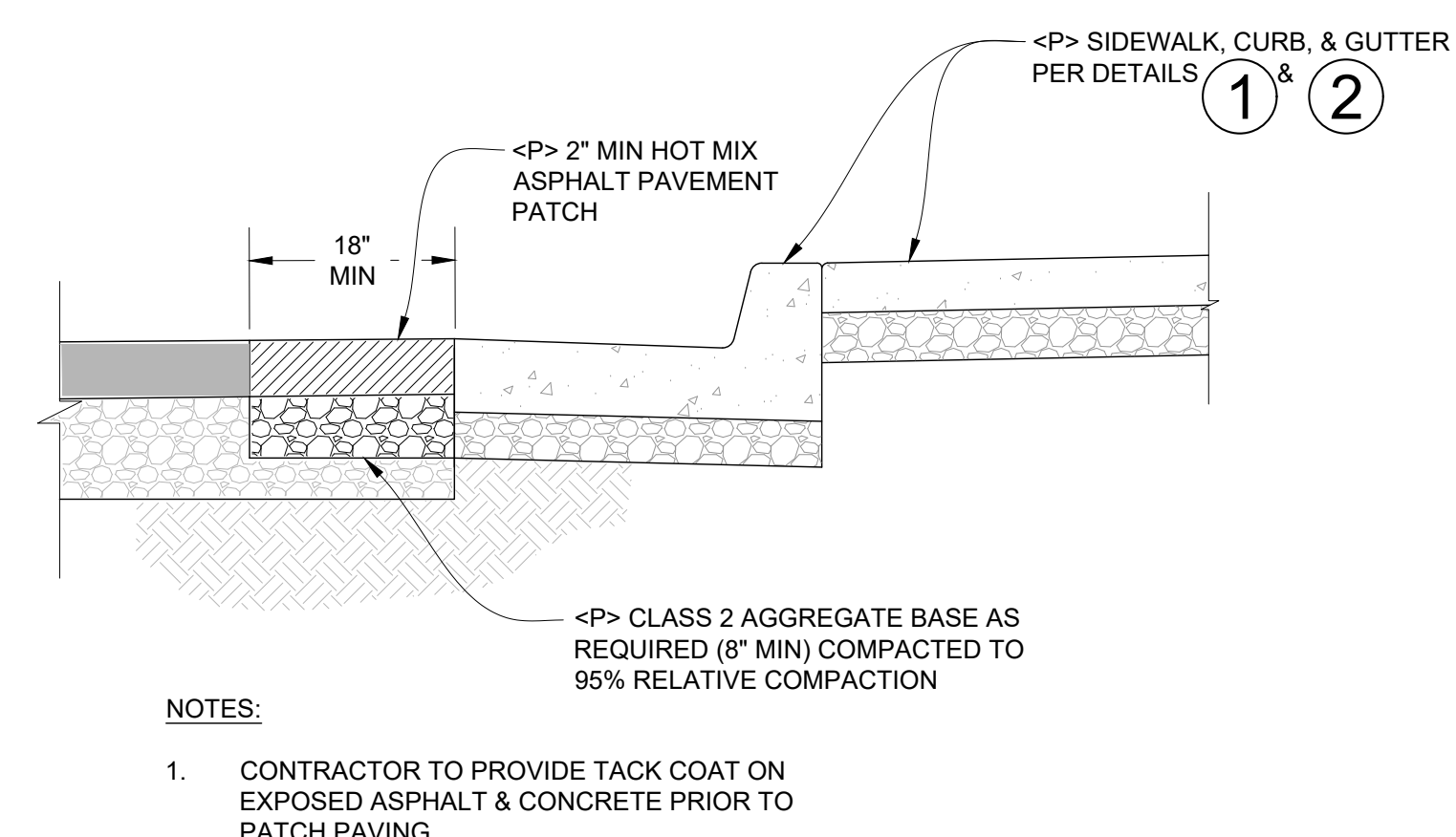
8 DROP STYLE DRIVEWAY CONSTRUCTION DETAIL (COA ST 10)  
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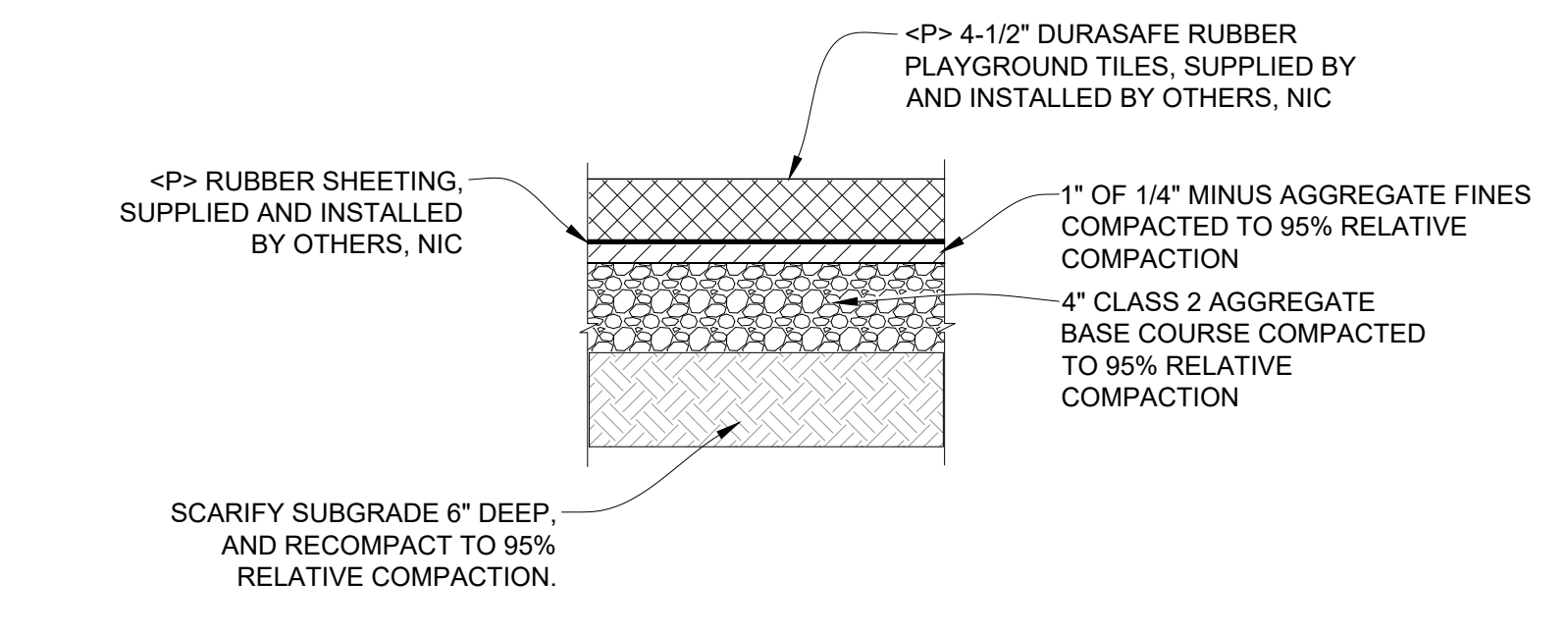
9 TYPICAL BOLLARD CONSTRUCTION DETAIL (COA ST 33)  
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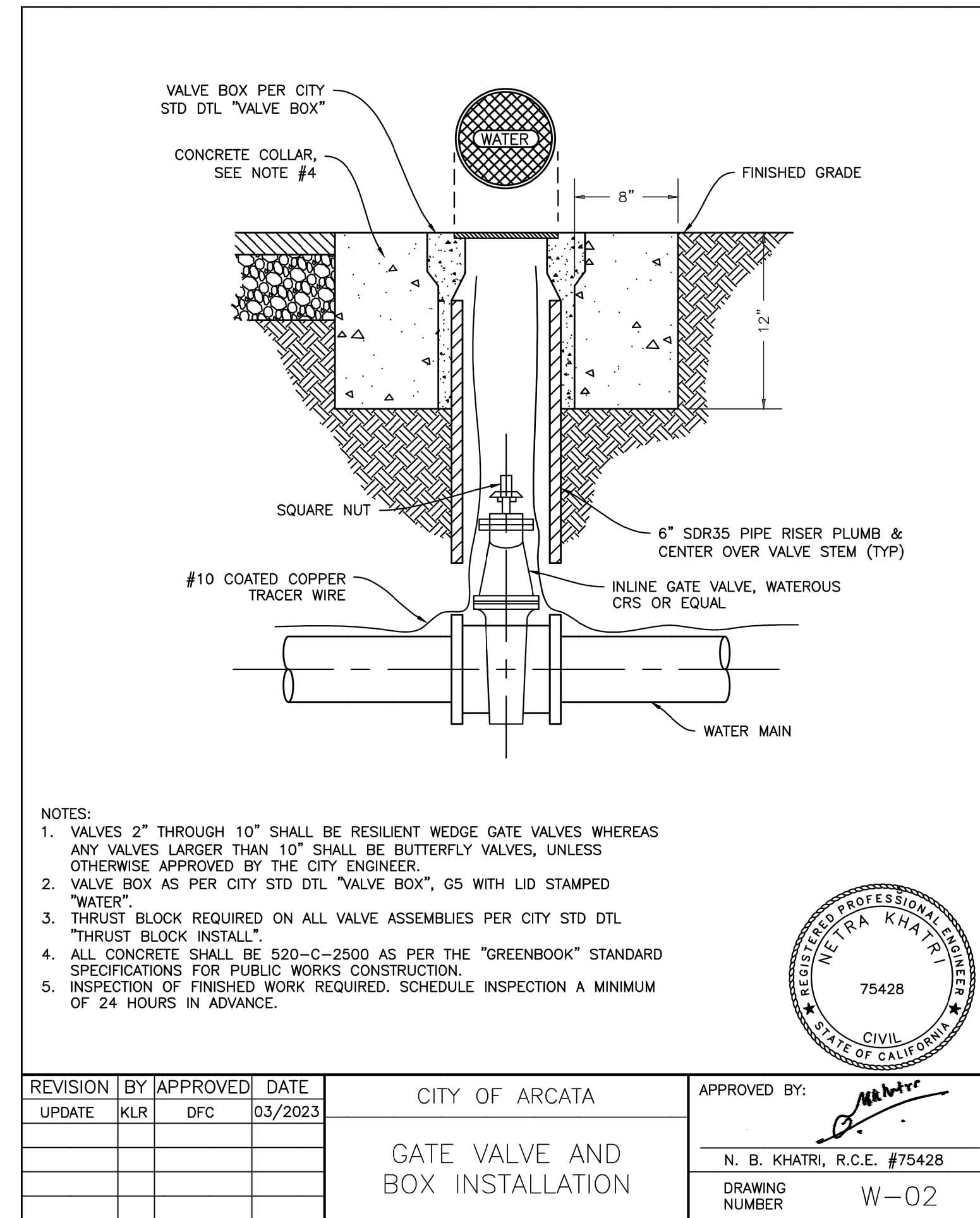
10 TYPICAL CONCRETE MULTI-USE COURT PAVING - ON-SITE  
N.T.S.



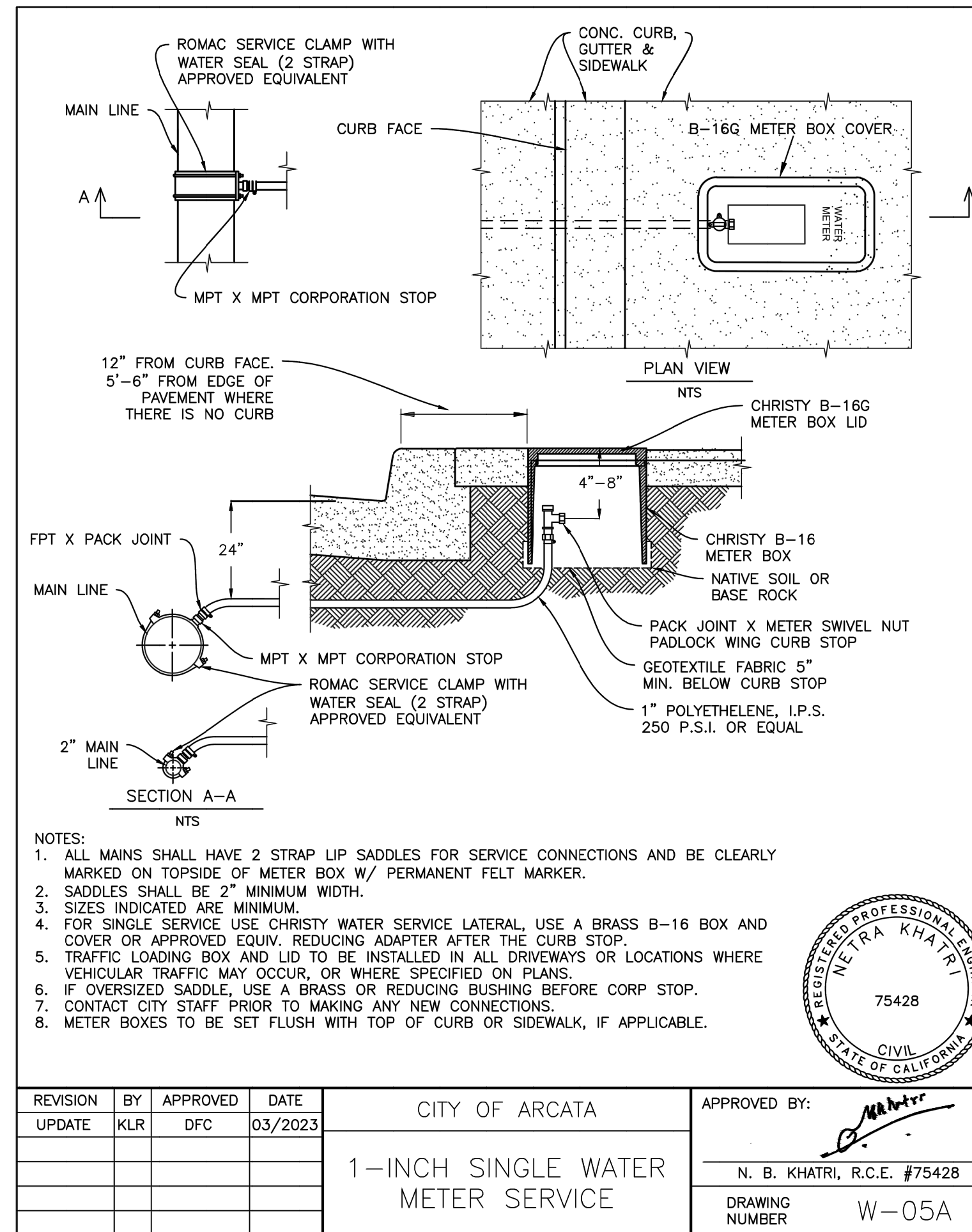
11 TYPICAL PATCH PAVING DETAIL  
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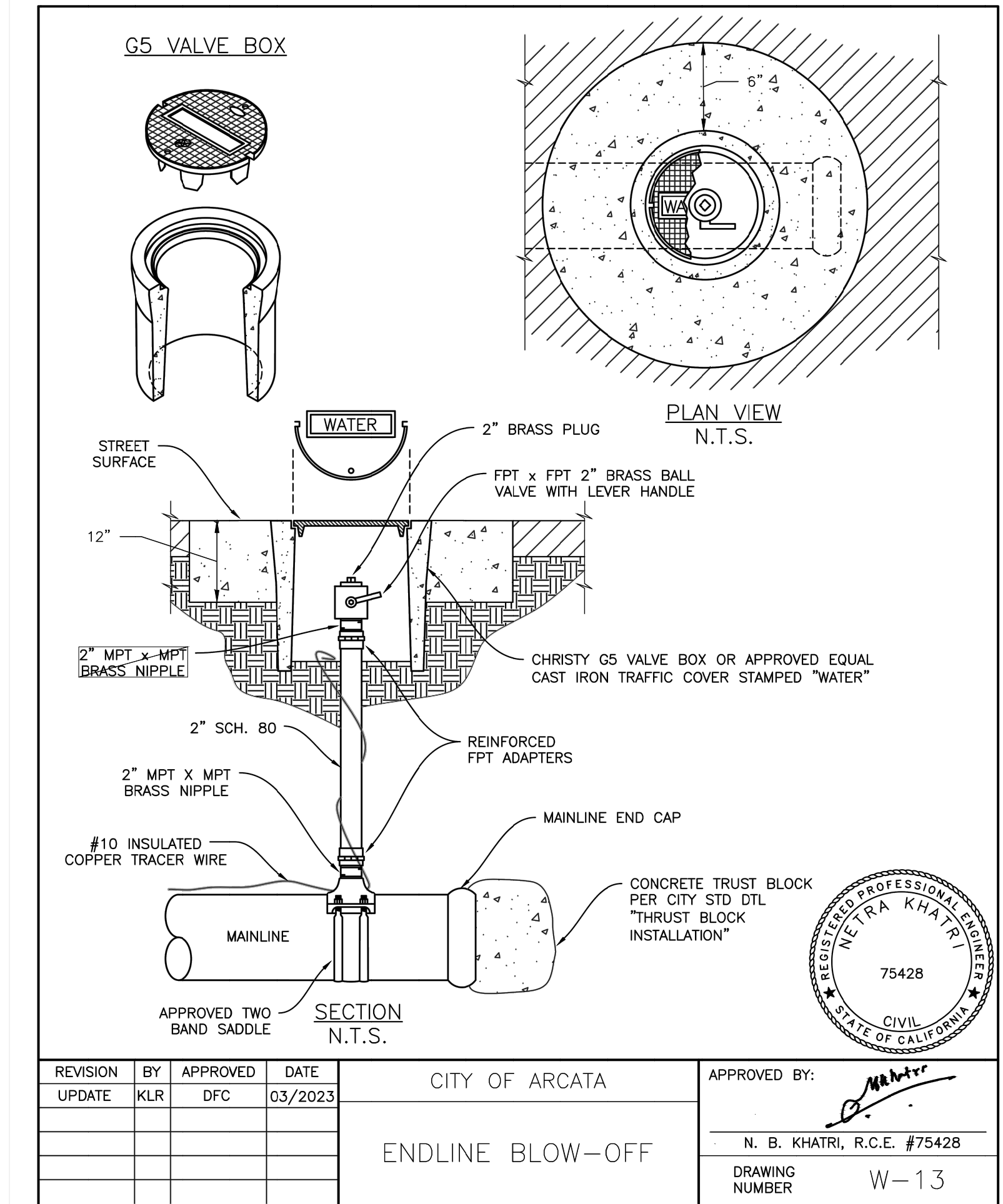
12 TYPICAL PLAYGROUND SURFACE DETAIL  
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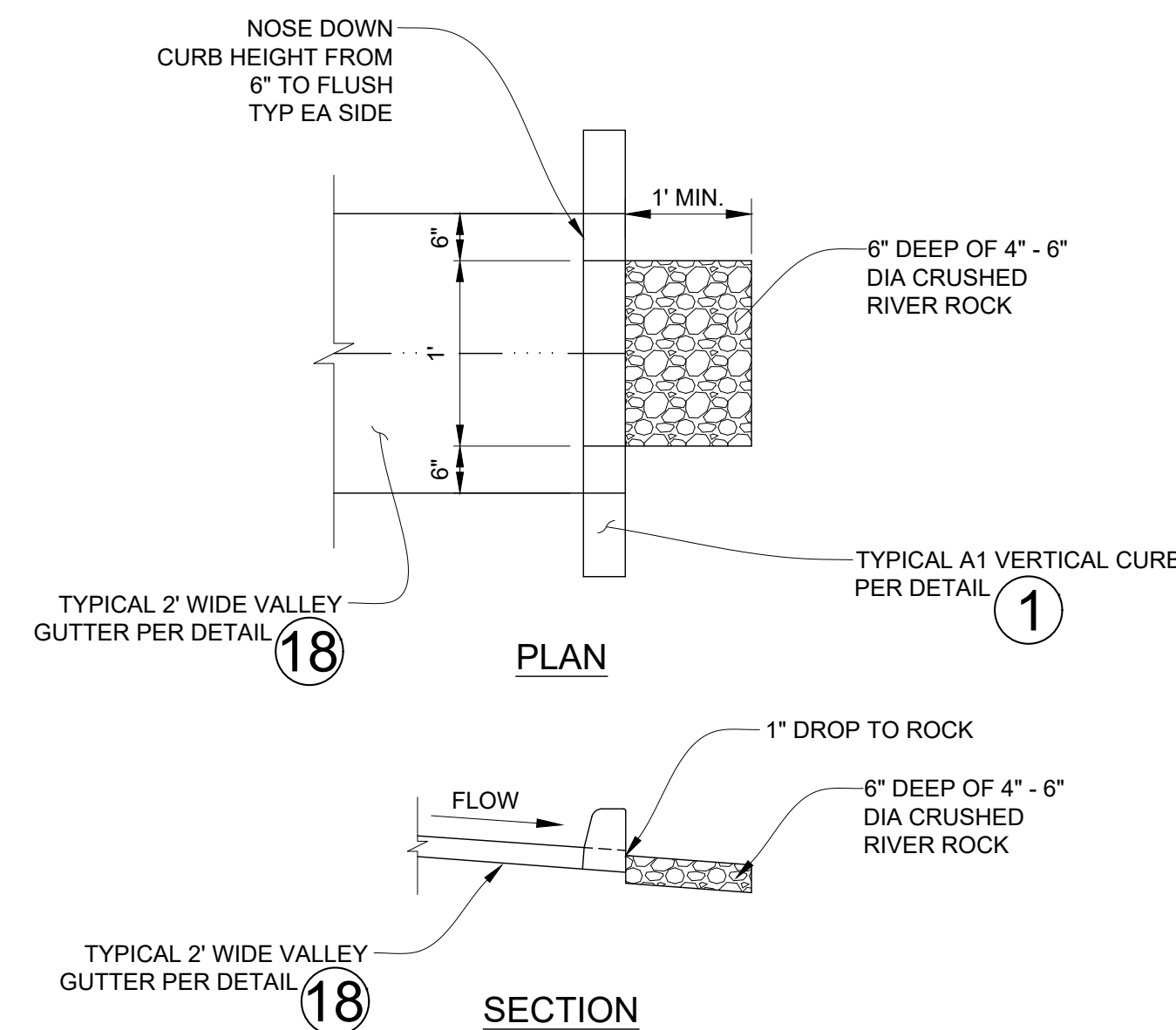
13 GATE VALVE & BOX CONSTRUCTION DETAIL (COA W 02) N.T.S.



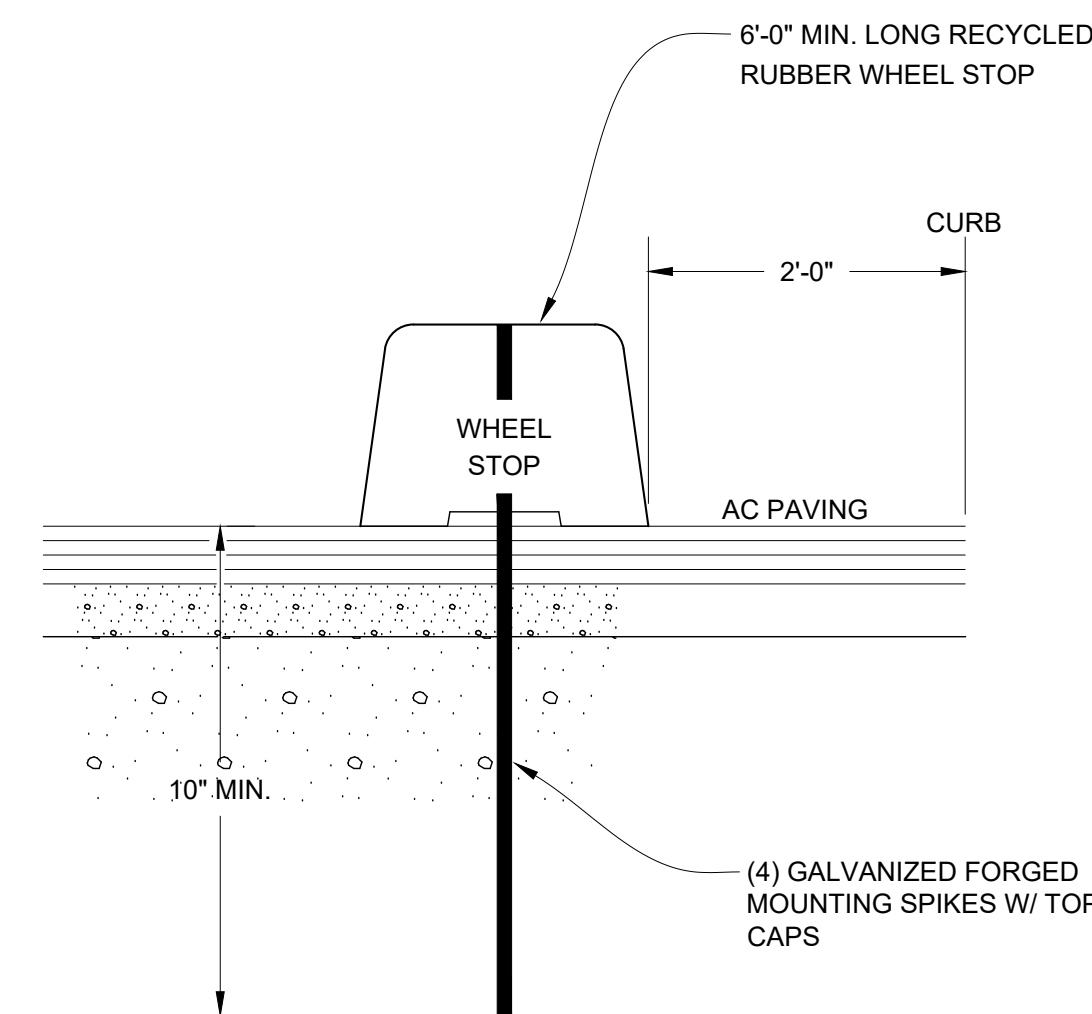
14 GATE VALVE & BOX CONSTRUCTION DETAIL (COA W 05A) N.T.S.



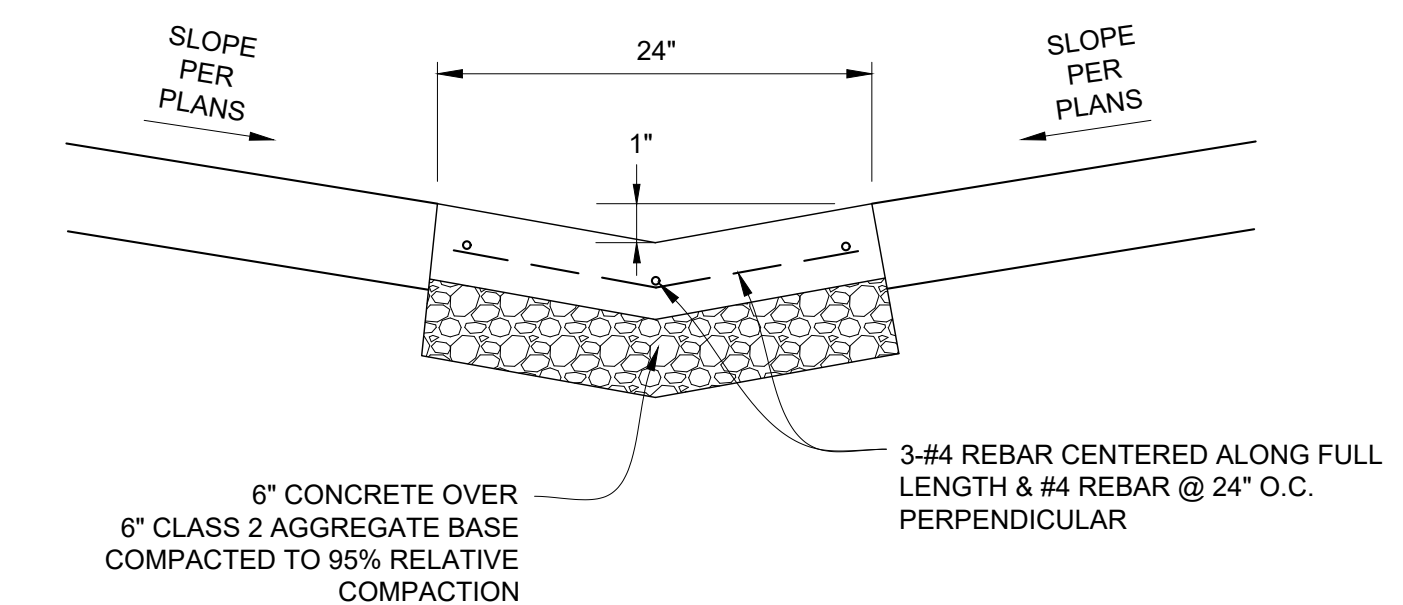
15 END LINE BLOW-OFF CONSTRUCTION DETAIL (COA W 13) N.T.S.



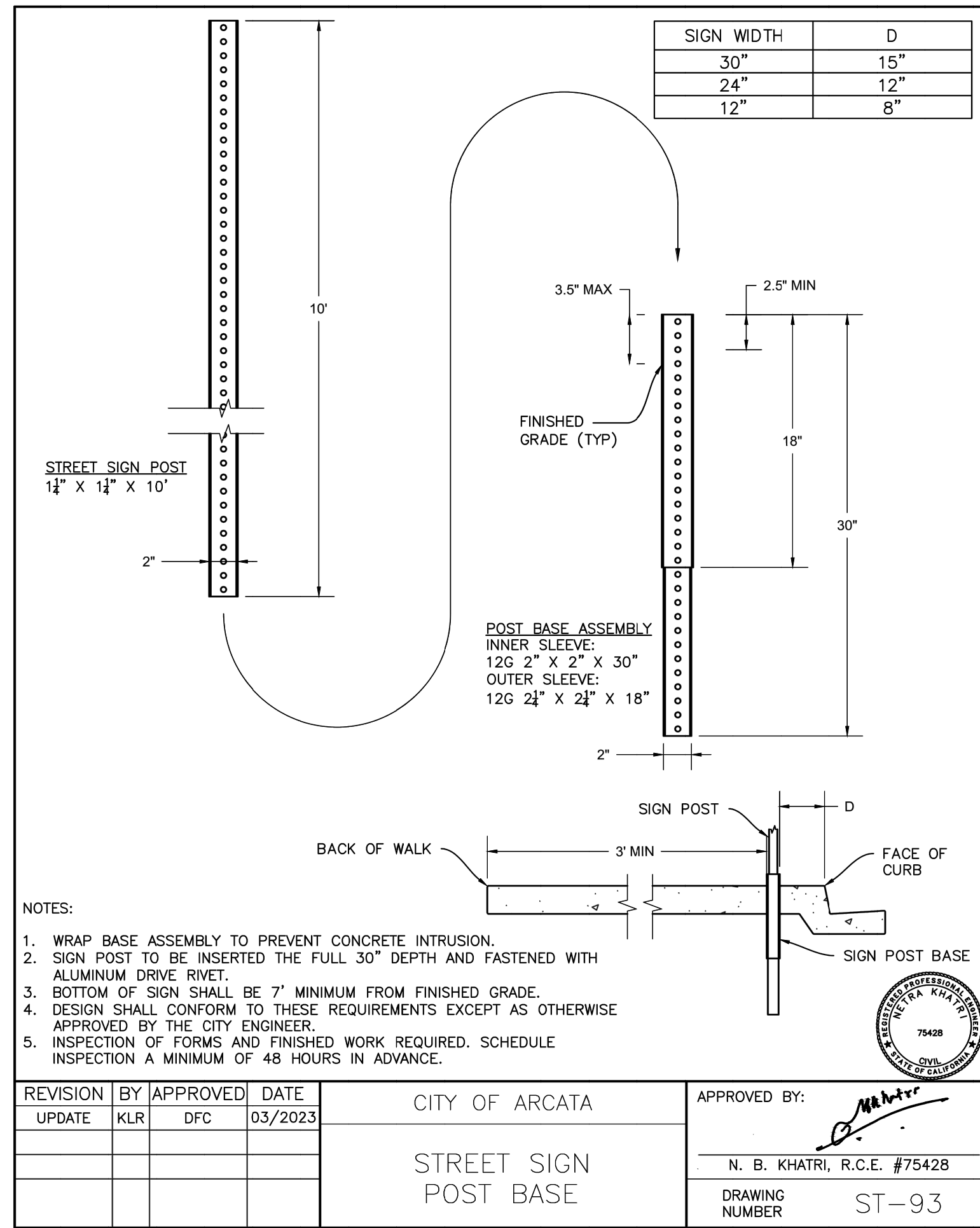
16 TYPICAL CURB CUT DETAIL N.T.S.



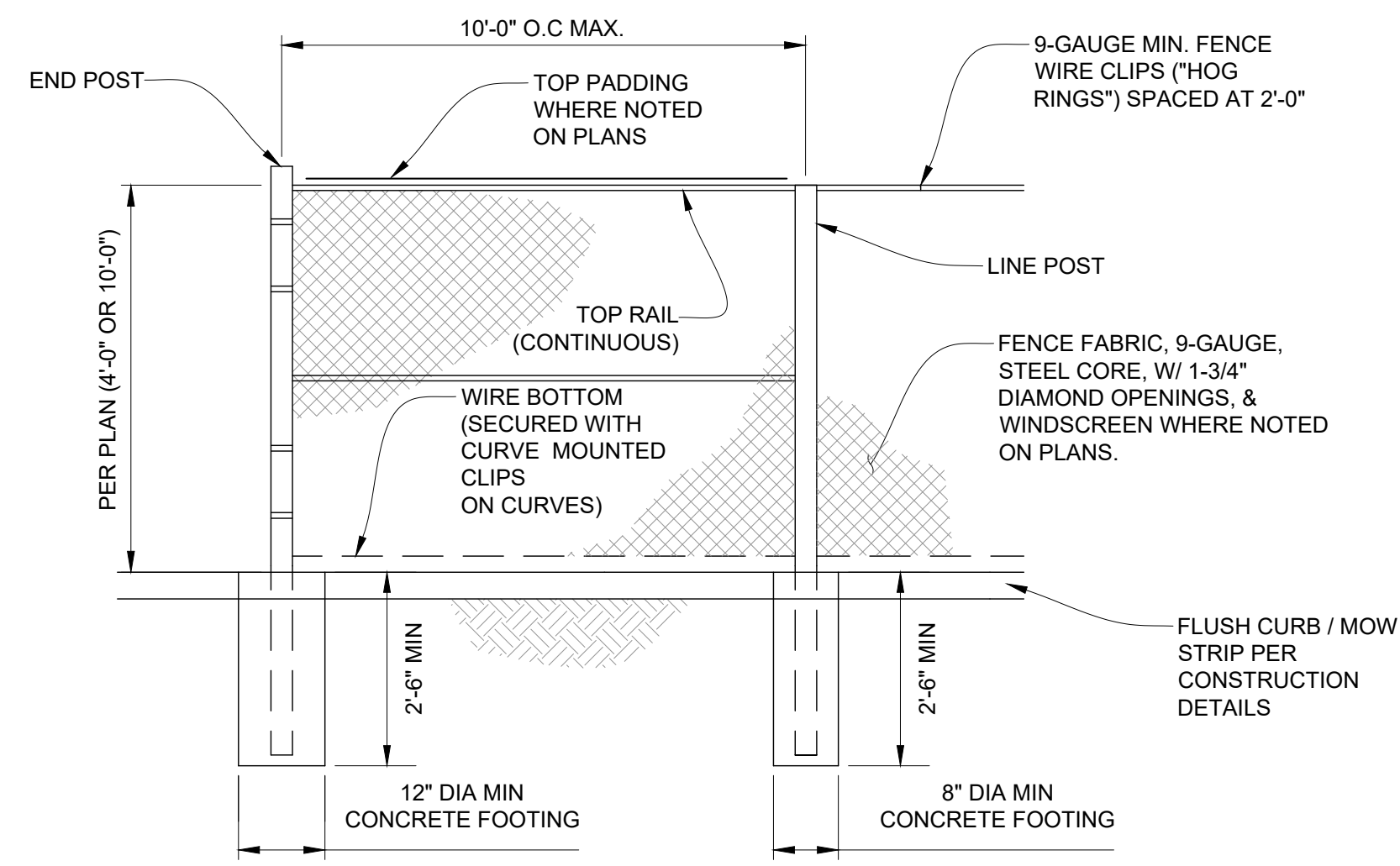
17 TYPICAL PRE-CAST PARKING BUMPER DETAIL N.T.S.



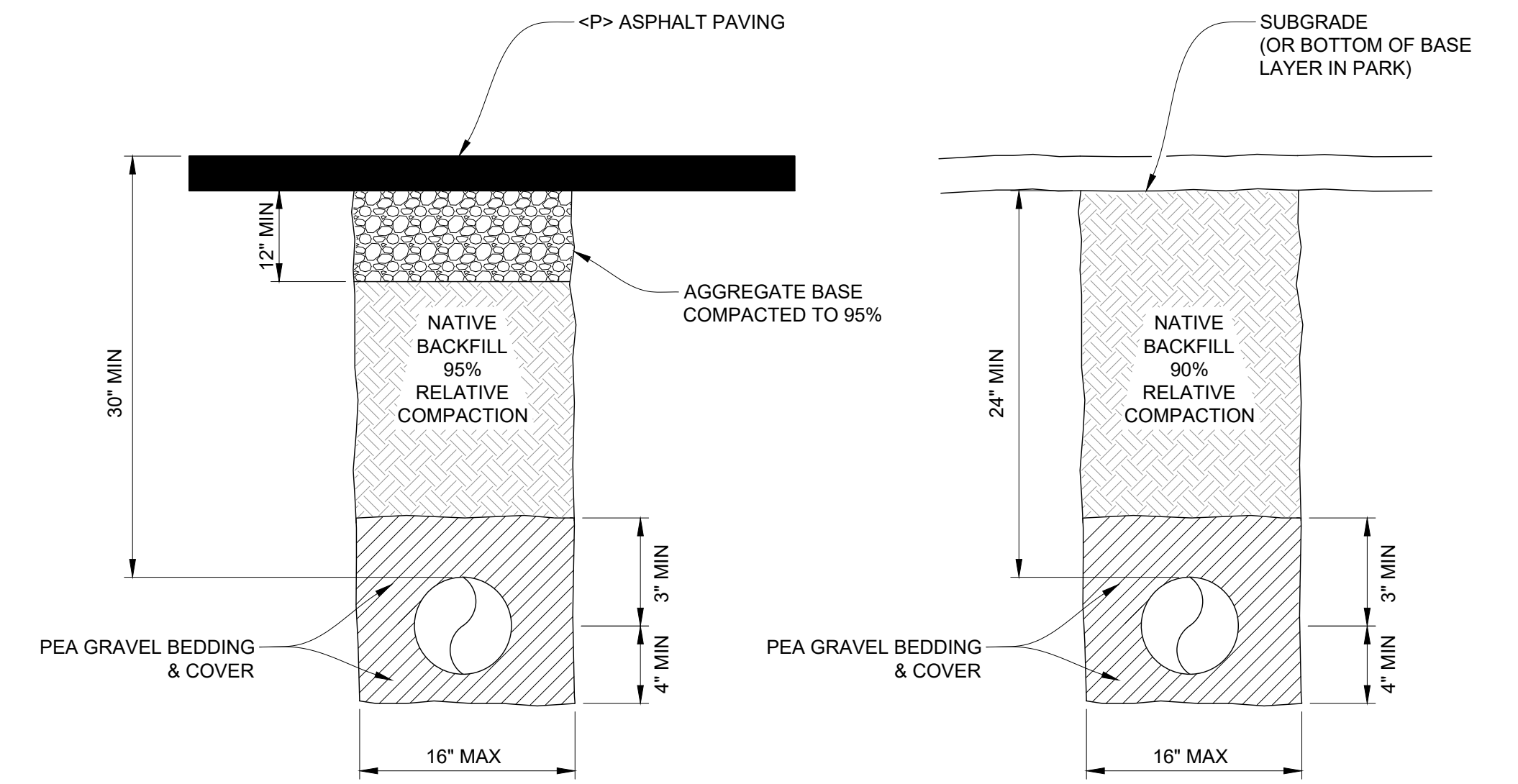
18 TYPICAL 2' WIDE VALLEY GUTTER N.T.S.



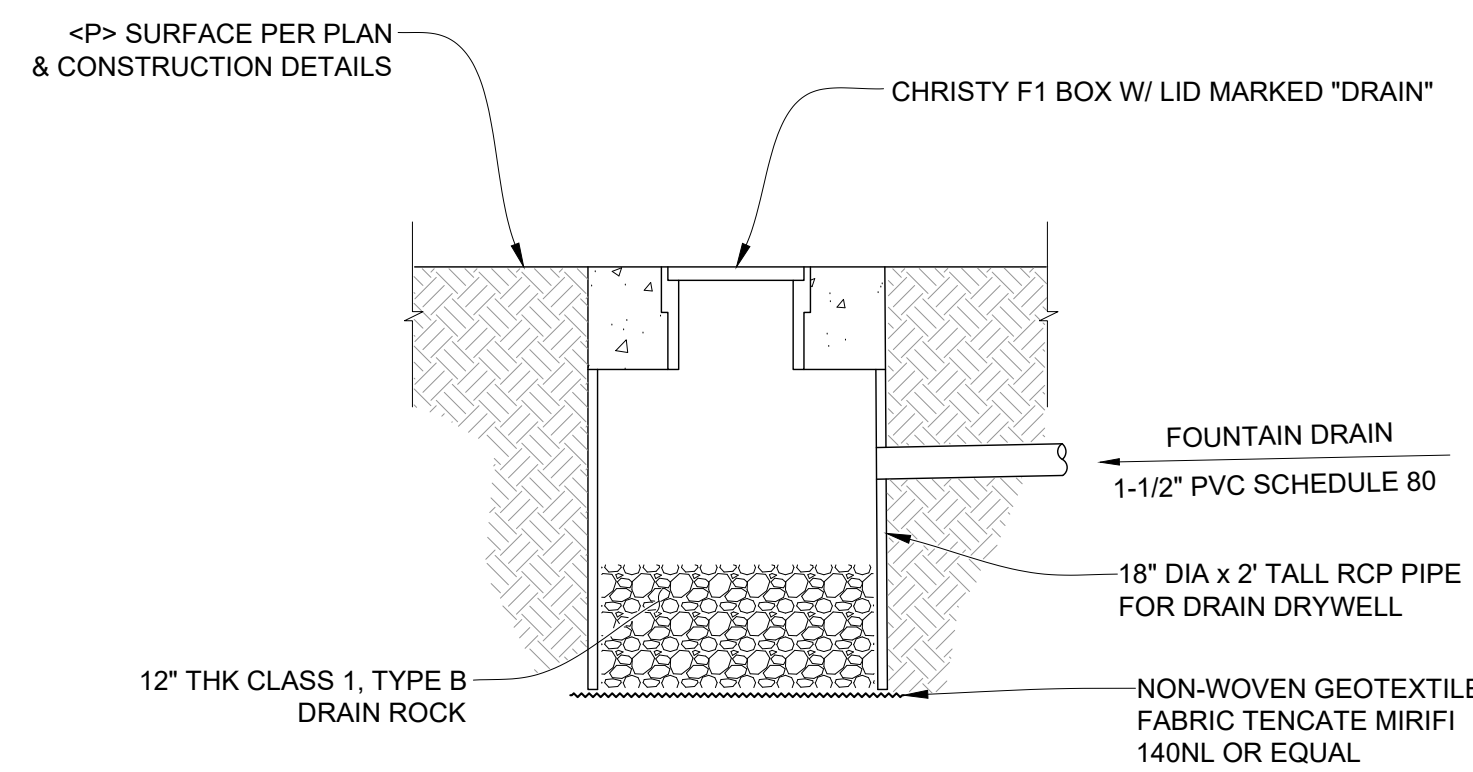
19 STREET SIGN POST BASE CONSTRUCTION DETAIL (COA ST 93)  
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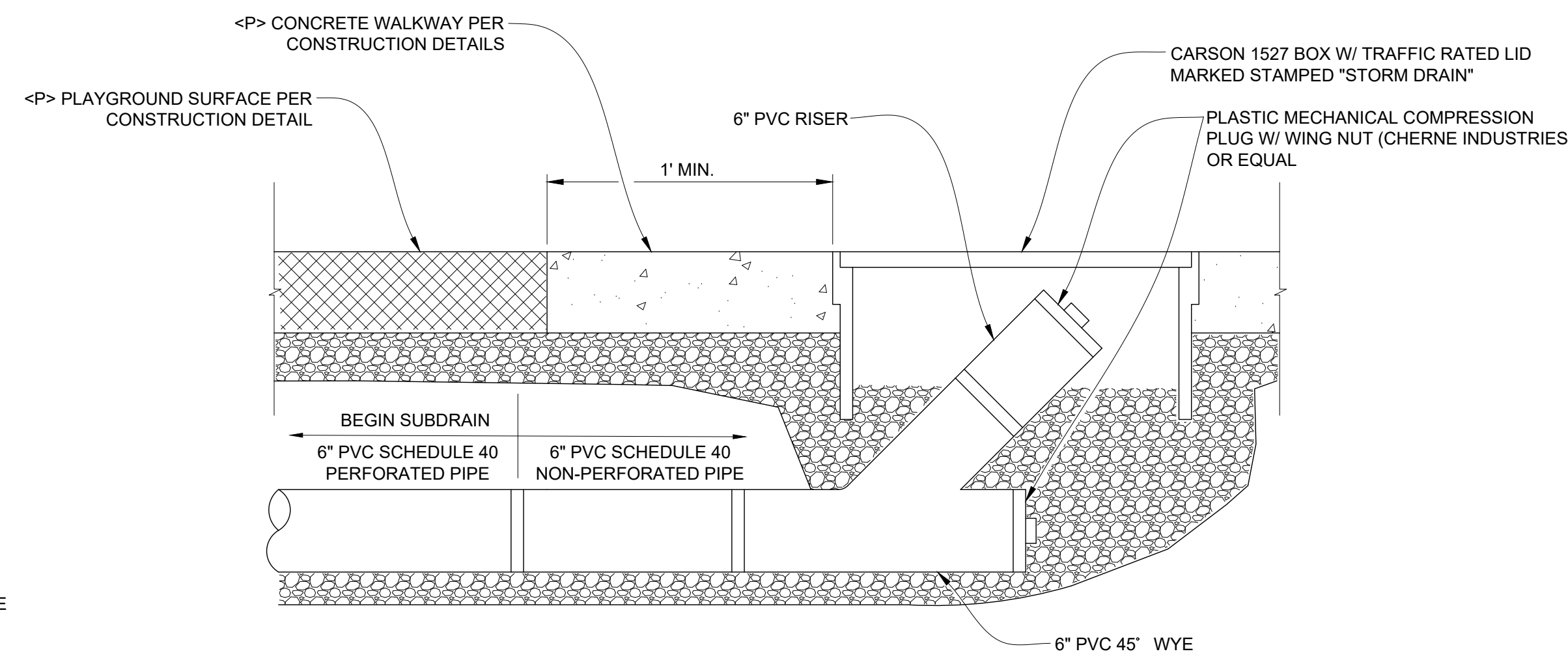
20 TYPICAL CHAIN LINK FENCE DETAIL  
N.T.S.



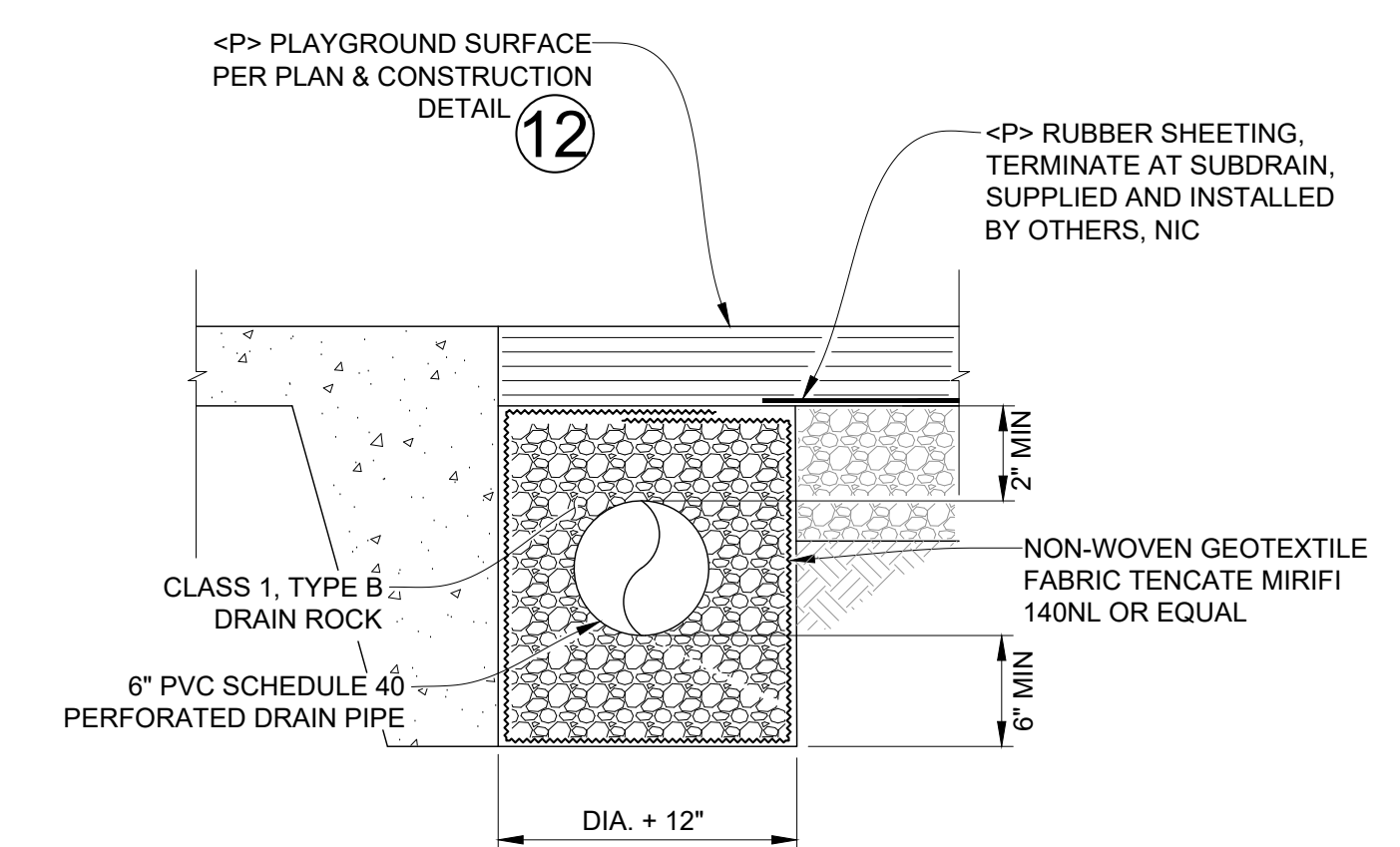
21 TYPICAL WATER / SEWER / IRRIGATION TRENCH DETAIL  
N.T.S.



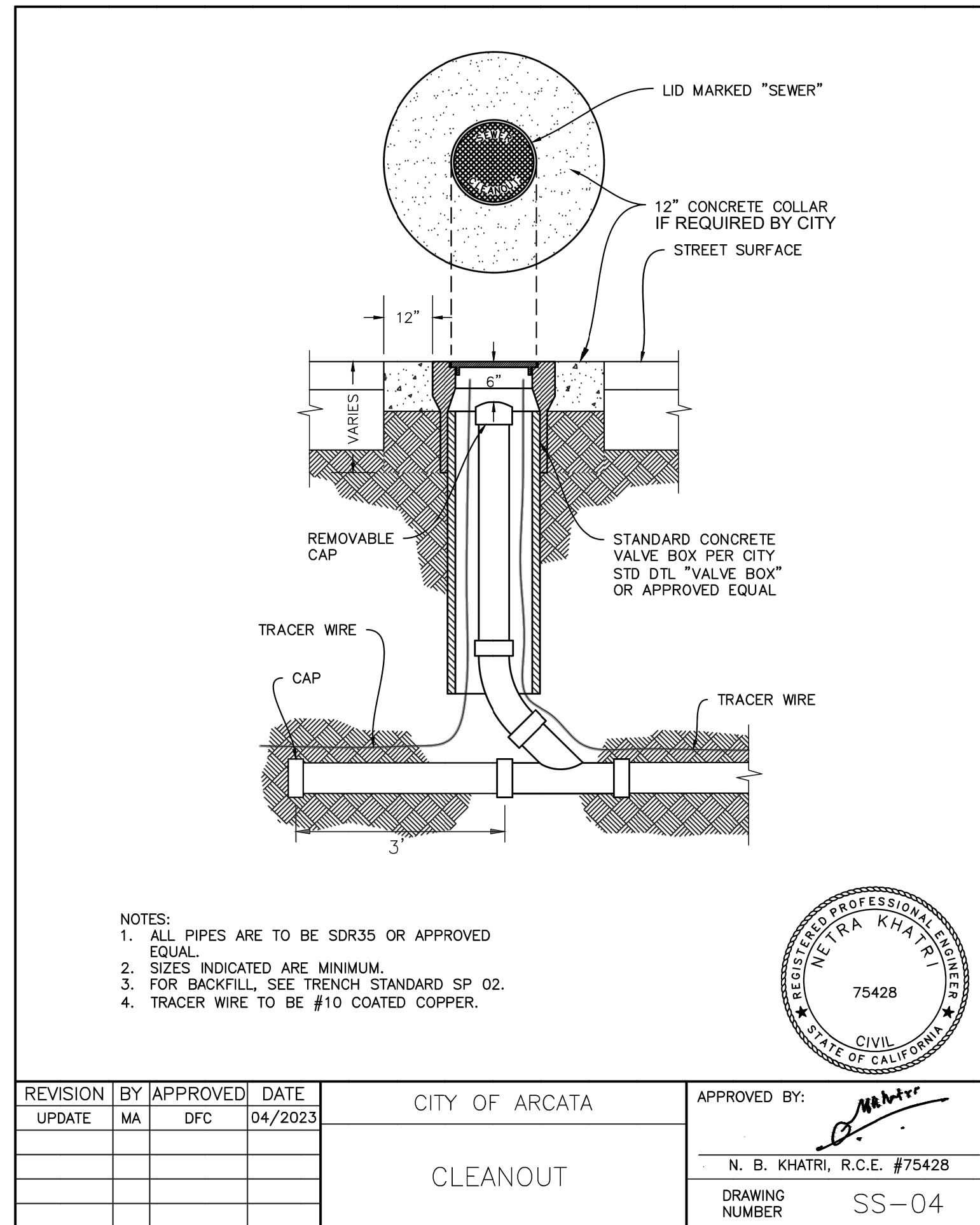
22 TYPICAL DRAIN DRYWELL DETAIL  
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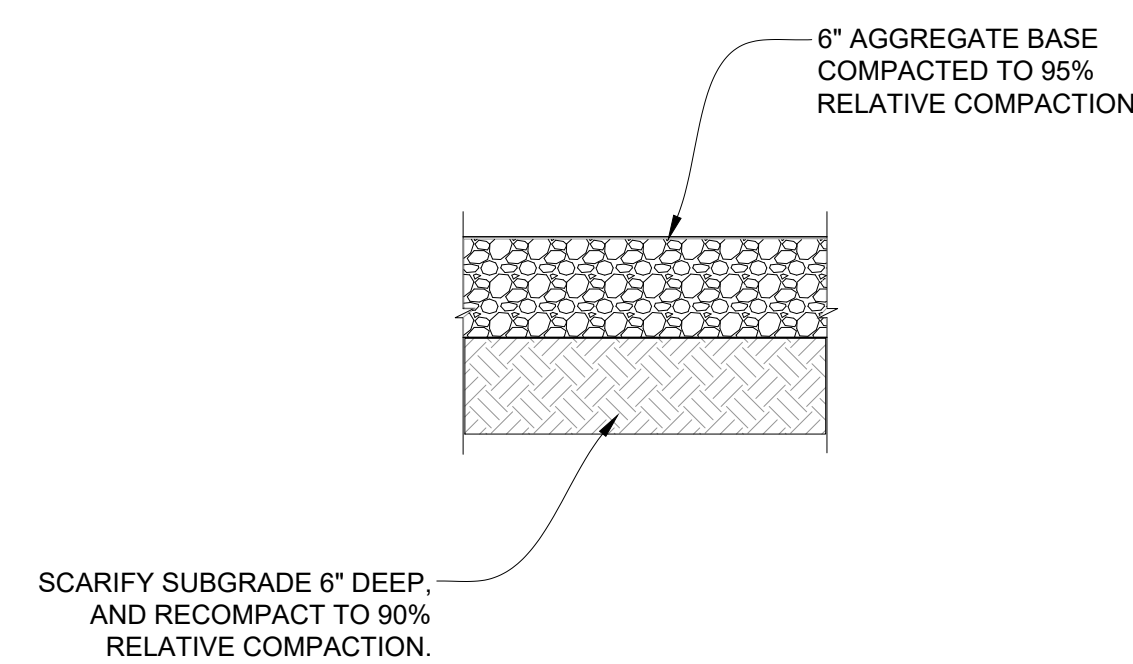
23 TYPICAL SUBDRAIN CLEANOUT DETAIL  
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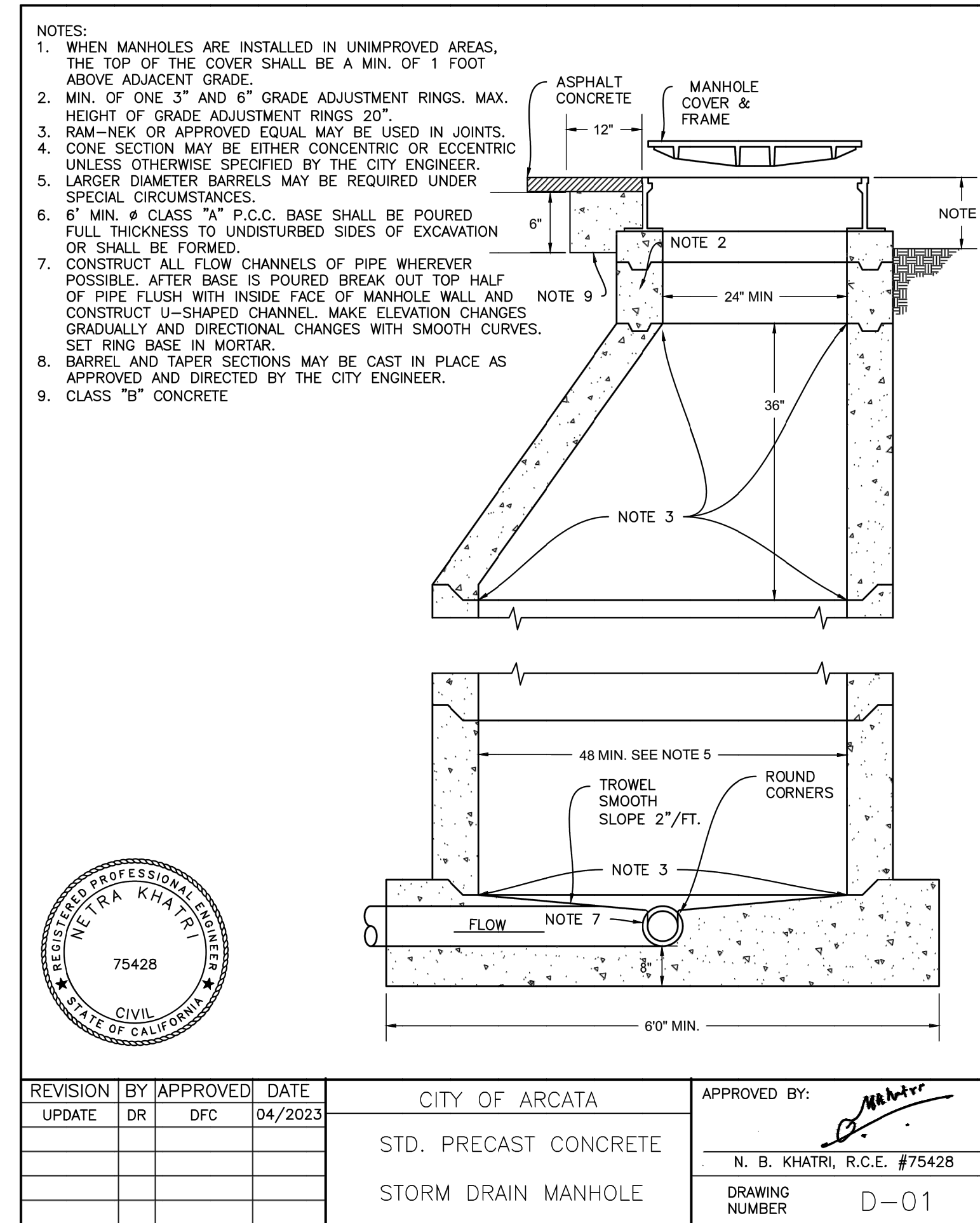
24 TYPICAL PLAYGROUND SUBDRAIN DETAIL  
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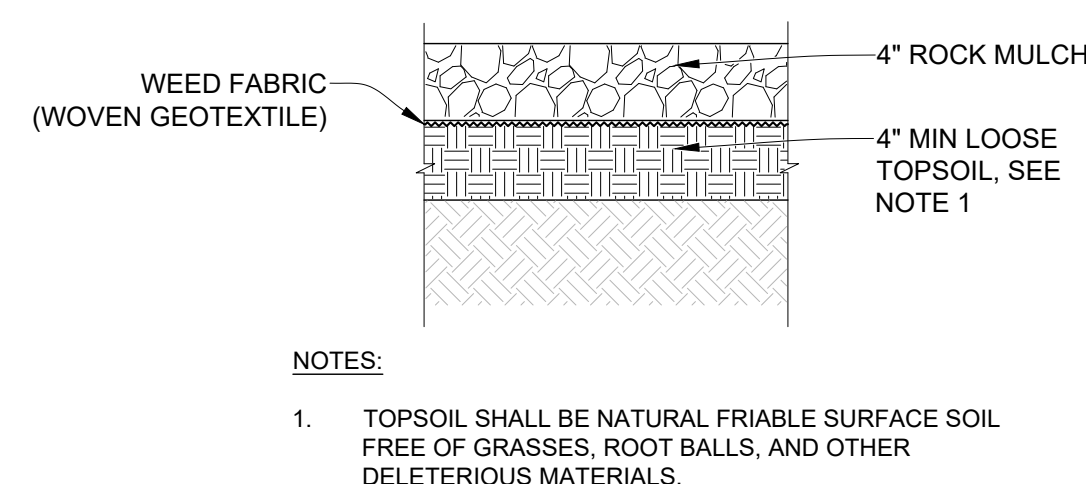
25 TYPICAL CLEANOUT CONSTRUCTION DETAIL (COA SS-05)  
N.T.S



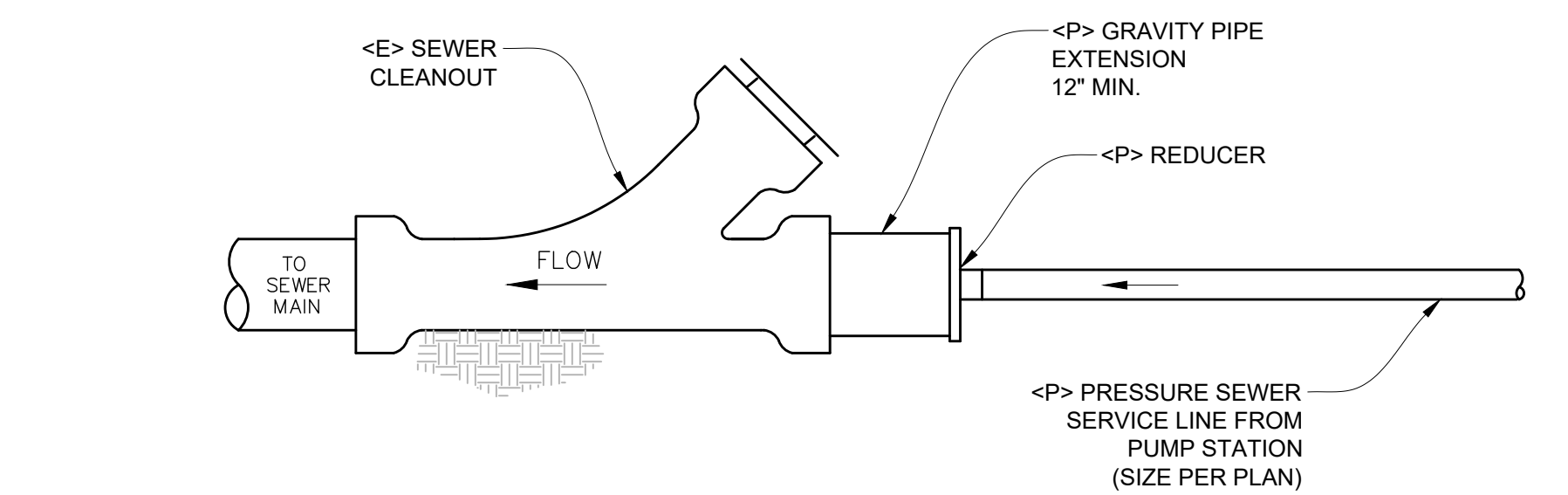
28 TYPICAL CITY MAINTENANCE PARKING LOT DETAIL  
N.T.S



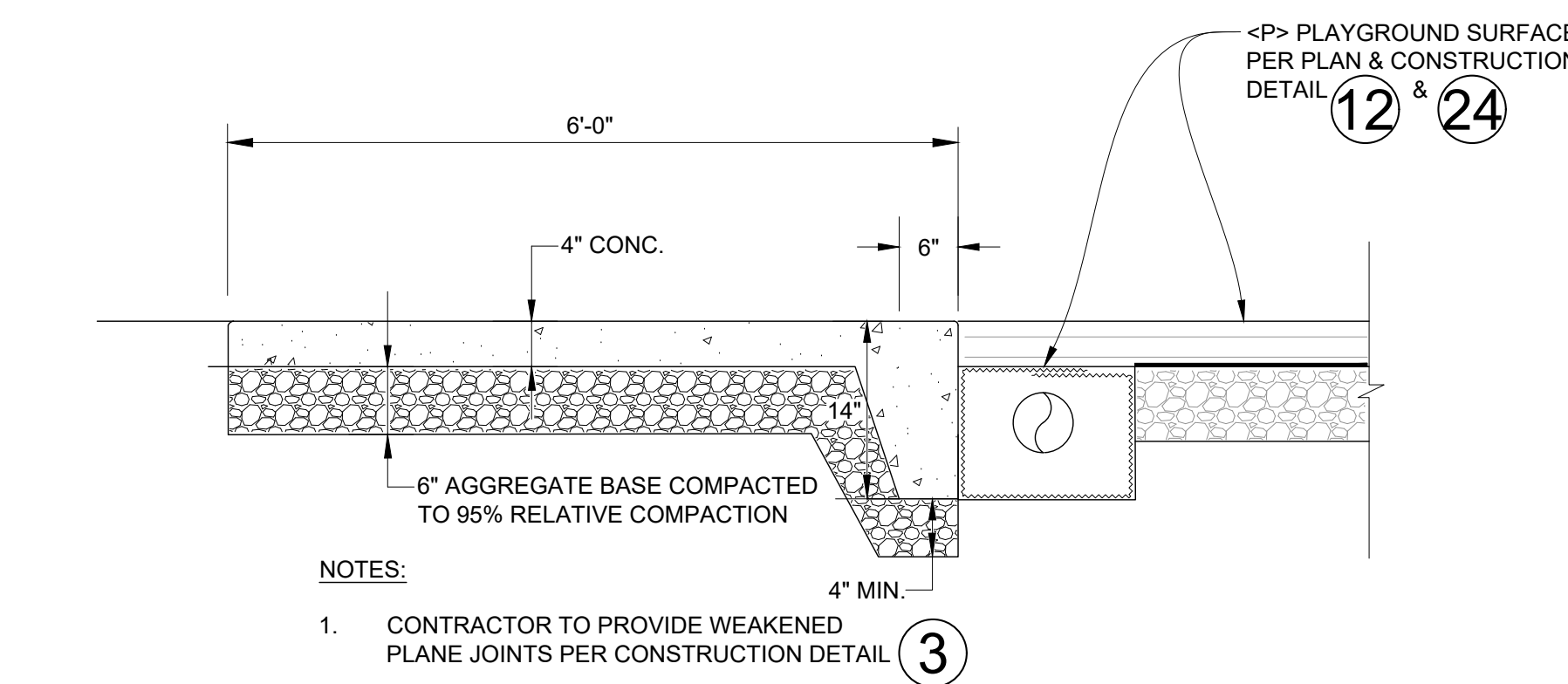
26 TYPICAL STORM DRAIN MANHOLE CONSTRUCTION DETAIL (COA D-01)  
N.T.S



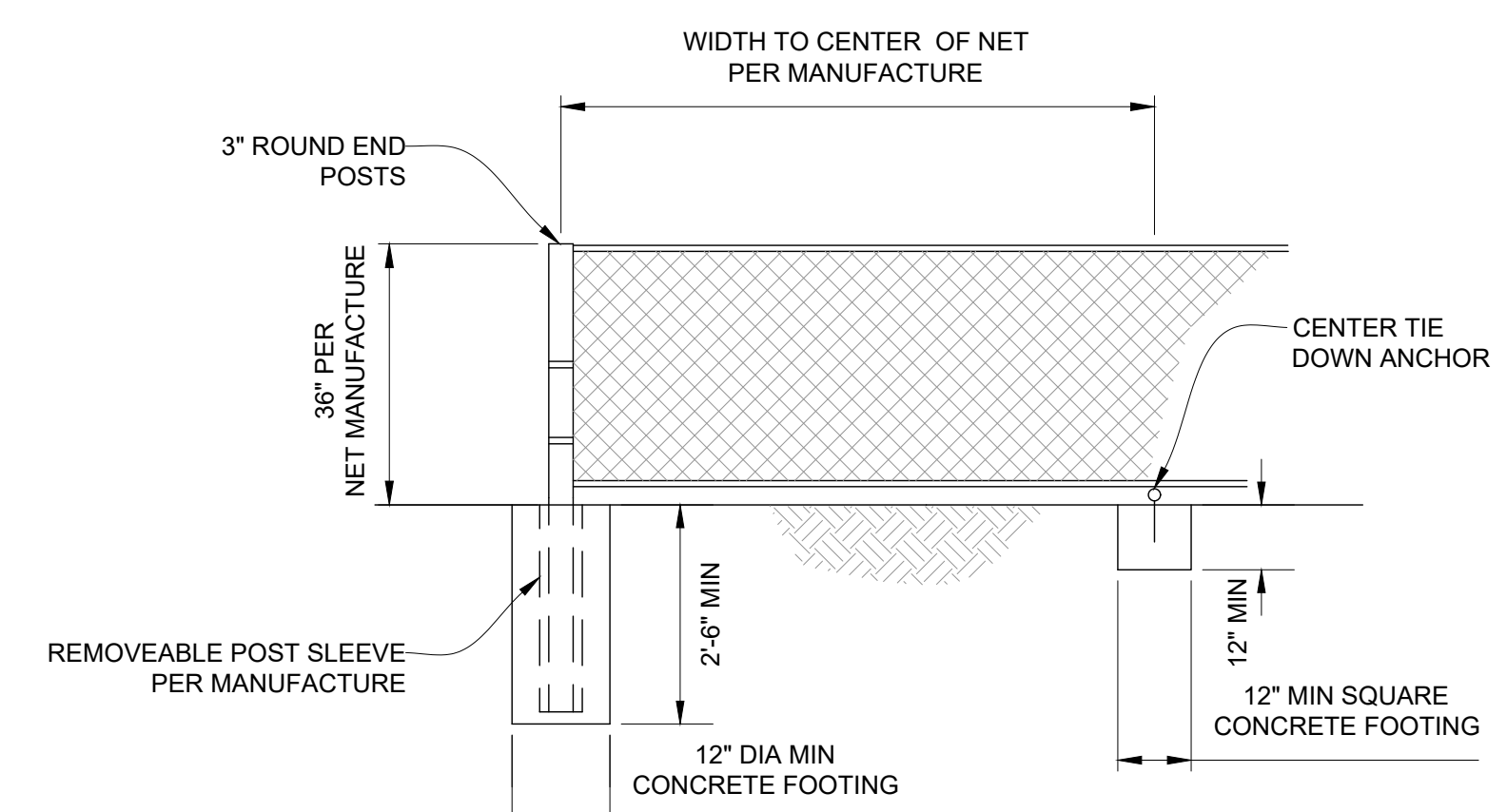
29 TYPICAL LANDSCAPE SECTION DETAIL  
N.T.S



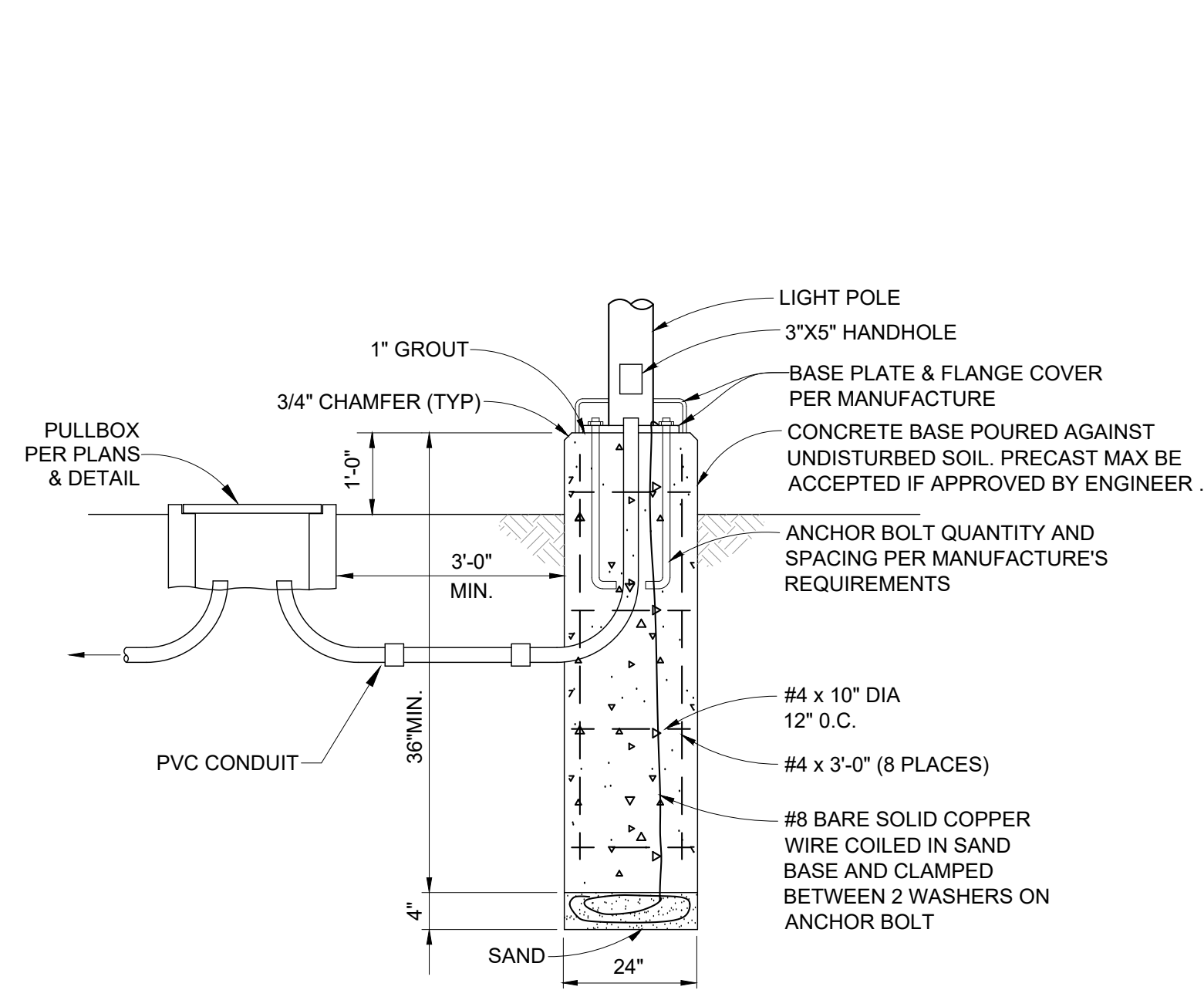
27 TYPICAL PRESSURE SERVICE CONNECTION TO CLEAN OUT DETAIL  
N.T.S



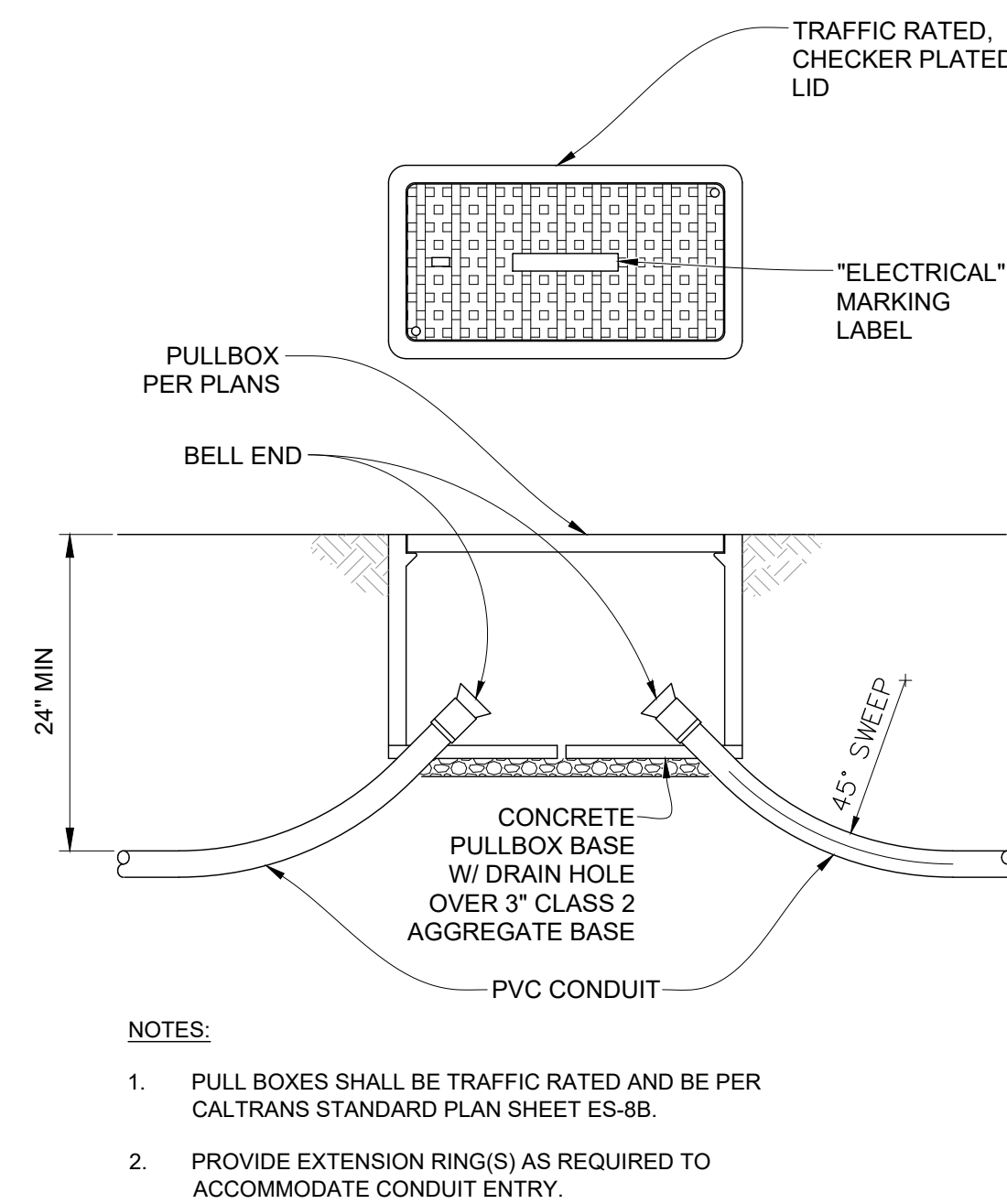
30 TYPICAL PLAYGROUND WALKWAY & RAISED CURB DETAIL  
N.T.S



31 TYPICAL MULTI-USE COURT NET POST & SLEEVE DETAIL  
N.T.S

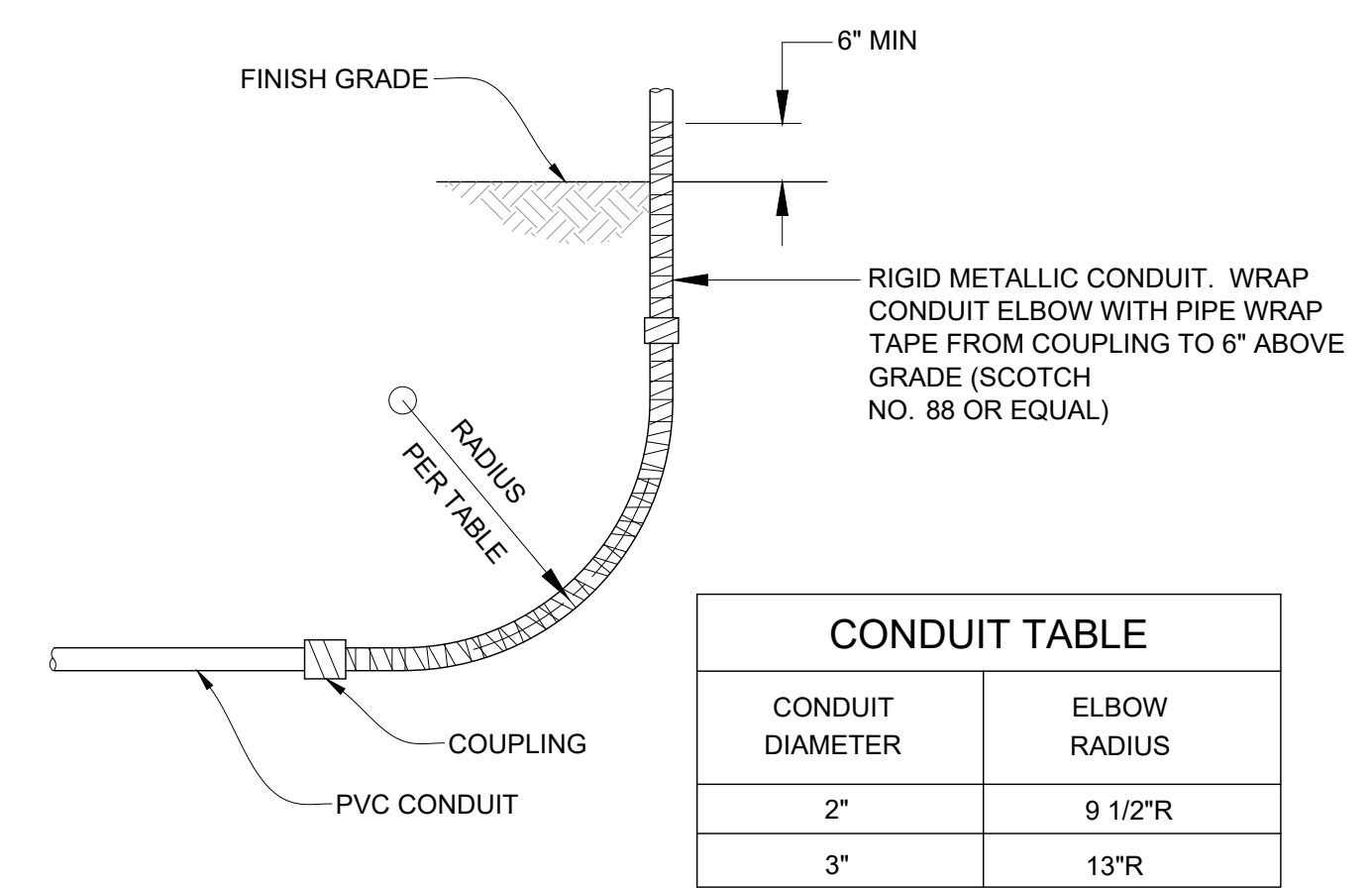


**32** TYPICAL LIGHT POLE BASE DETAIL  
N.T.S.



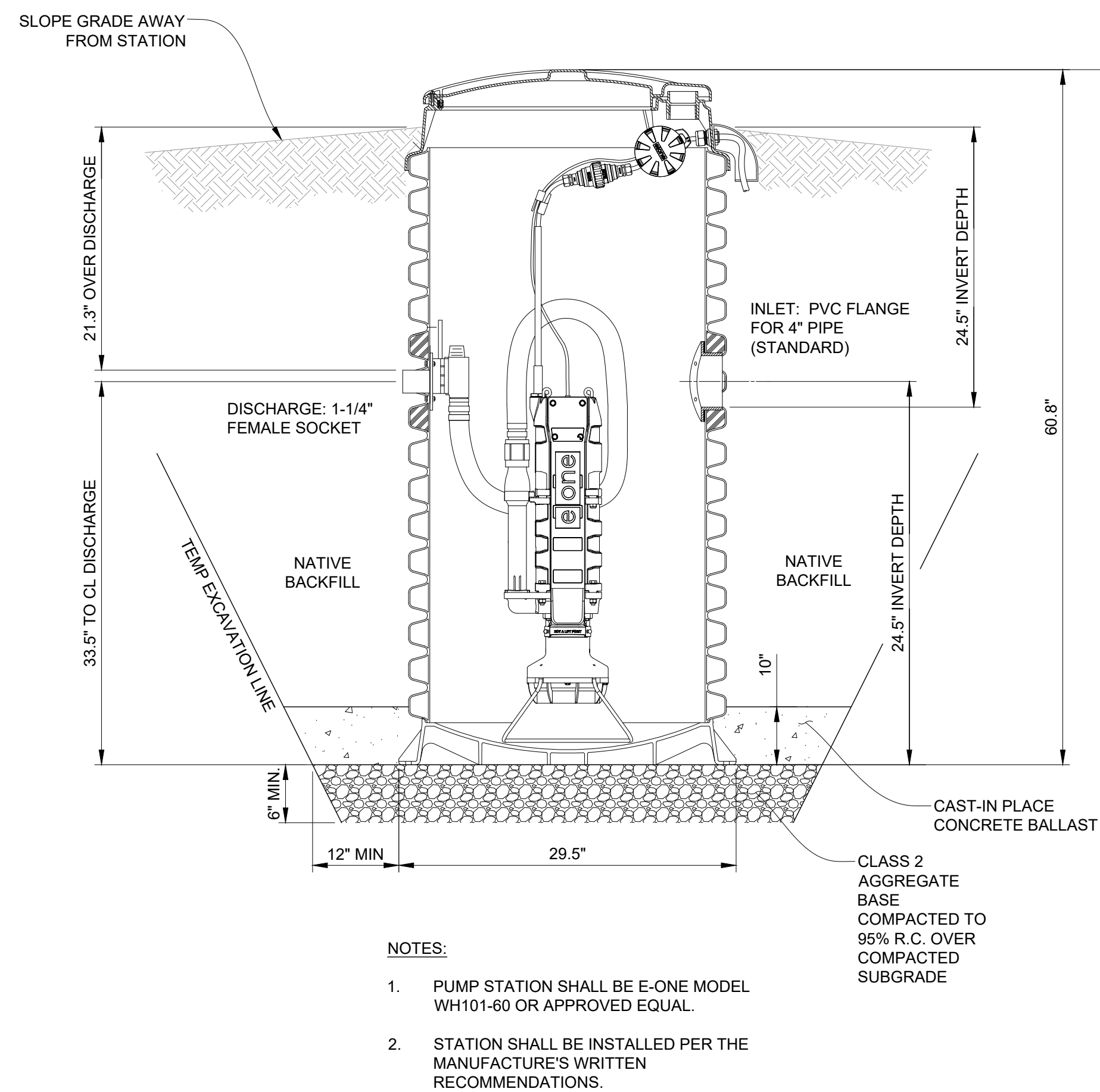
- NOTES:**
- PULL BOXES SHALL BE TRAFFIC RATED AND BE PER CALTRANS STANDARD PLAN SHEET ES-8B.
  - PROVIDE EXTENSION RING(S) AS REQUIRED TO ACCOMMODATE CONDUIT ENTRY.

**33** TYPICAL PULLBOX DETAIL  
N.T.S.



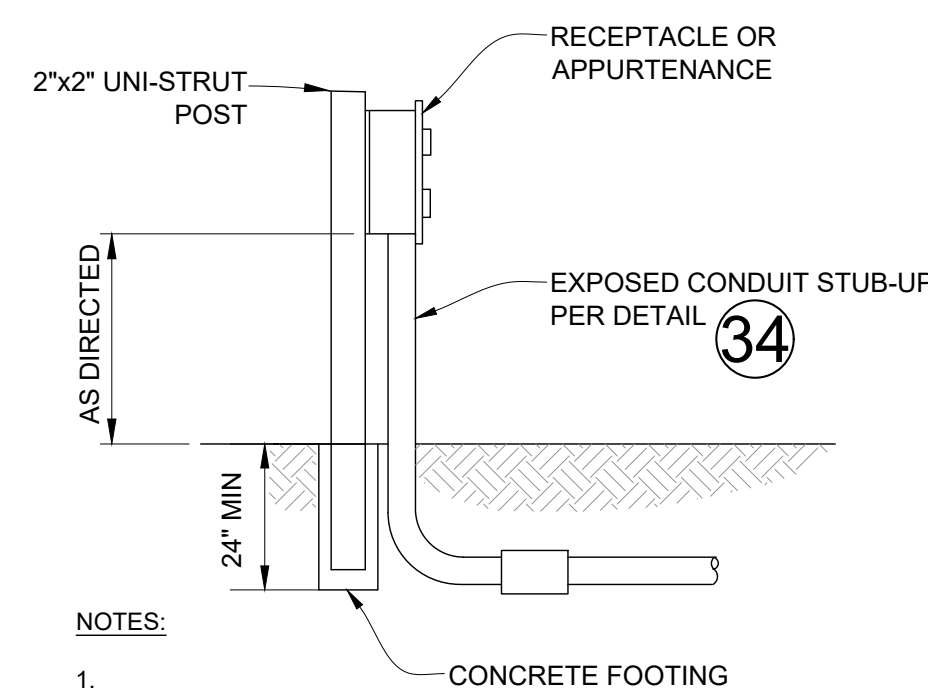
CONDUIT TABLE	
CONDUIT DIAMETER	ELBOW RADIUS
2"	9 1/2"R
3"	13"R

**34** TYPICAL CONDUIT STUB-UP  
N.T.S.



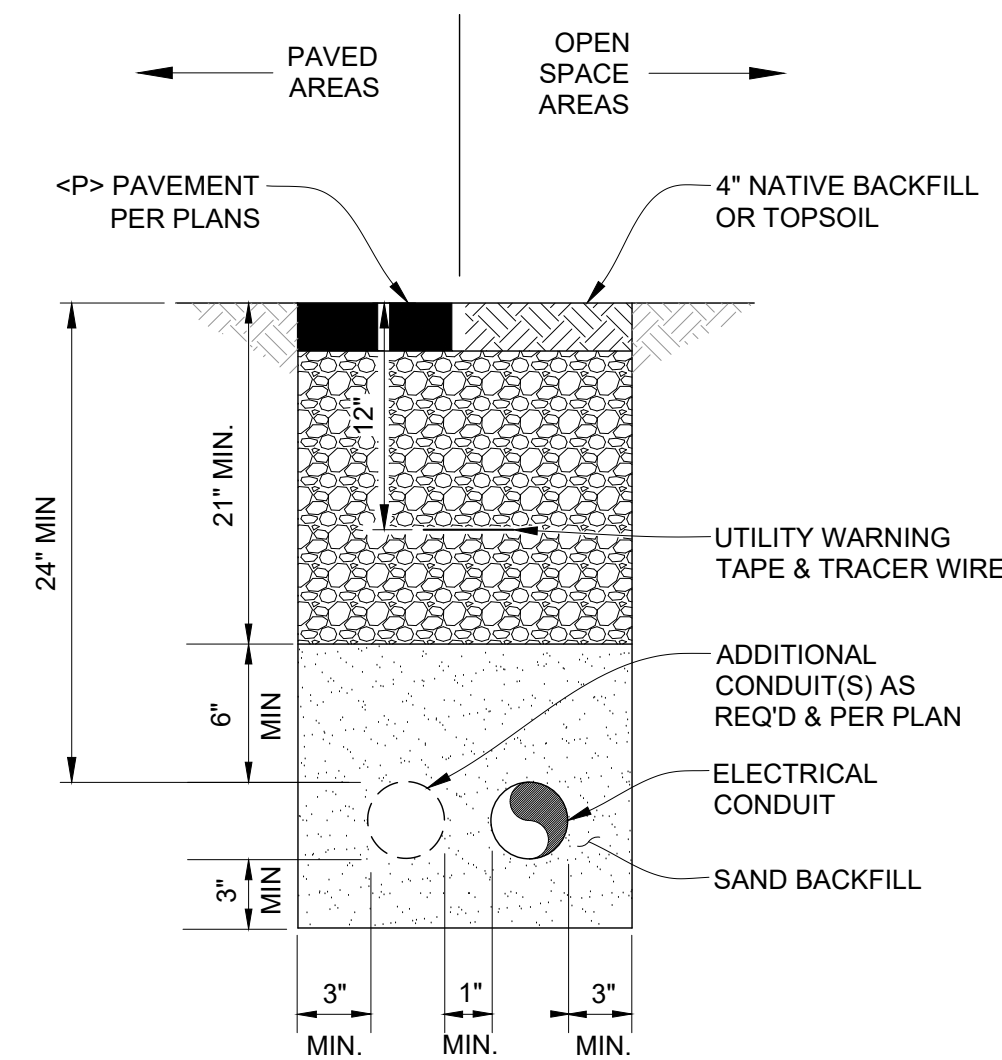
- NOTES:**
- PUMP STATION SHALL BE E-ONE MODEL WH101-60 OR APPROVED EQUAL.
  - STATION SHALL BE INSTALLED PER THE MANUFACTURER'S WRITTEN RECOMMENDATIONS.

**35** PUMP STATION DETAIL  
N.T.S.

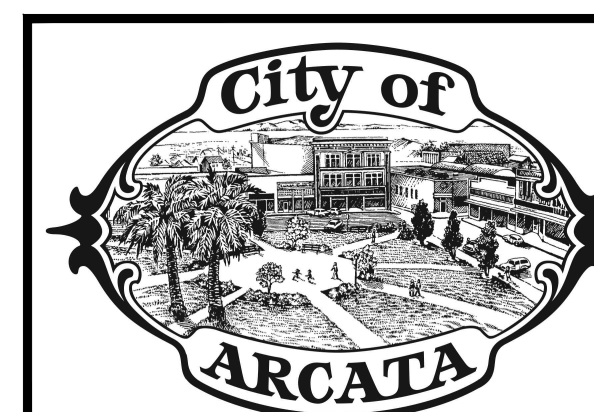


- NOTES:**
- CONCRETE FOOTING

**36** TYPICAL RECEPTACLE STUB-UP DETAIL  
N.T.S.



**37** TYPICAL UTILITY TRENCH DETAIL  
N.T.S.



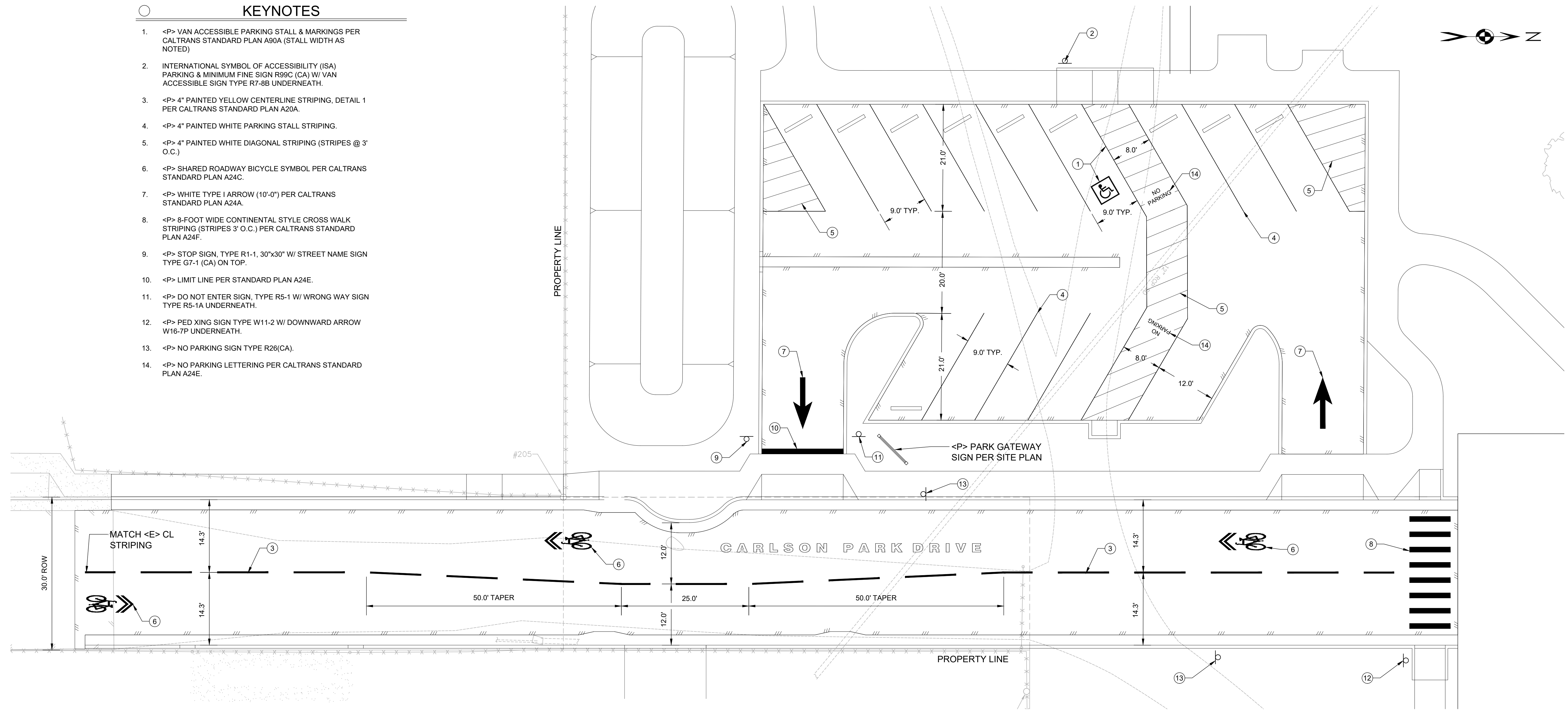
**SCHILLINGER ENGINEERING**  
CIVIL ENGINEERING SOLUTIONS  
P.O. BOX 1183  
ARCATA, CA 95518

CITY OF ARCATA  
**CARLSON PARK IMPROVEMENT PROJECT**  
100% DESIGN SUBMITTAL  
**CONSTRUCTION DETAILS 6**

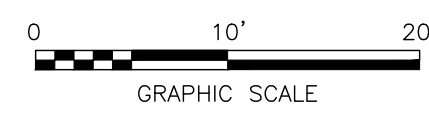
JOB NUMBER 0118-CARLSON  
SHEET 22 OF 23  
**C5.5**

**KEYNOTES**

1. <P> VAN ACCESSIBLE PARKING STALL & MARKINGS PER CALTRANS STANDARD PLAN A90A (STALL WIDTH AS NOTED)
2. INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA) PARKING & MINIMUM FINE SIGN R99C (CA) W/ VAN ACCESSIBLE SIGN TYPE R7-8B UNDERNEATH.
3. <P> 4" PAINTED YELLOW CENTERLINE STRIPING, DETAIL 1 PER CALTRANS STANDARD PLAN A20A.
4. <P> 4" PAINTED WHITE PARKING STALL STRIPING.
5. <P> 4" PAINTED WHITE DIAGONAL STRIPING (STRIPES @ 3' O.C.)
6. <P> SHARED ROADWAY BICYCLE SYMBOL PER CALTRANS STANDARD PLAN A24C.
7. <P> WHITE TYPE I ARROW (10'-0") PER CALTRANS STANDARD PLAN A24A.
8. <P> 8-FOOT WIDE CONTINENTAL STYLE CROSS WALK STRIPING (STRIPES 3' O.C.) PER CALTRANS STANDARD PLAN A24F.
9. <P> STOP SIGN, TYPE R1-1, 30"x30" W/ STREET NAME SIGN TYPE G7-1 (CA) ON TOP.
10. <P> LIMIT LINE PER STANDARD PLAN A24E.
11. <P> DO NOT ENTER SIGN, TYPE R5-1 W/ WRONG WAY SIGN TYPE R5-1A UNDERNEATH.
12. <P> PED XING SIGN TYPE W11-2 W/ DOWNWARD ARROW W16-7P UNDERNEATH.
13. <P> NO PARKING SIGN TYPE R26(CA).
14. <P> NO PARKING LETTERING PER CALTRANS STANDARD PLAN A24E.

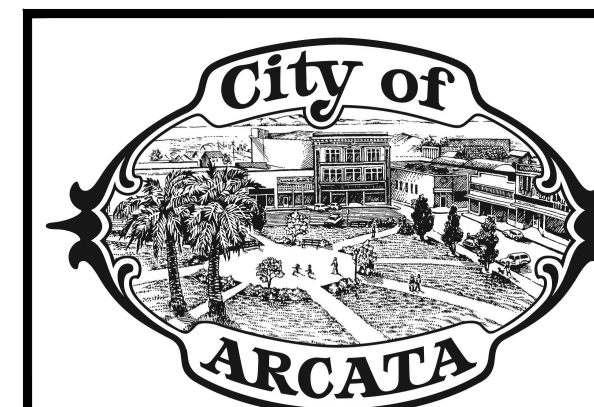


**SIGNAGE & STRIPING PLAN**



**GENERAL NOTES**

1. CONTRACTOR TO COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE CITY OF ARCATA.
2. STRIPING DETAIL NUMBERS LISTED ARE PER 2022 CALTRANS STANDARD PLANS.
3. SIGN DESIGNATIONS LISTED ARE PER THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD), LATEST EDITION.
4. ALL SIGNAGE SHALL BE MOUNTED TO "UNI-STRUT" STYLE 2" DIAMETER GALVANIZED STEEL POSTS PER CONSTRUCTION DETAILS UNLESS OTHERWISE APPROVED BY THE CITY.
5. ALL STRIPING AND MARKINGS SHALL BE PAINTED PER SECTION 84 OF THE 2022 CALTRANS STANDARD SPECIFICATIONS AS APPROVED BY THE CITY.



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**SIGNAGE & STRIPING PLAN**

JOB NUMBER 0118-CARLSON  
 SHEET 23 OF 23  
**C6.0**