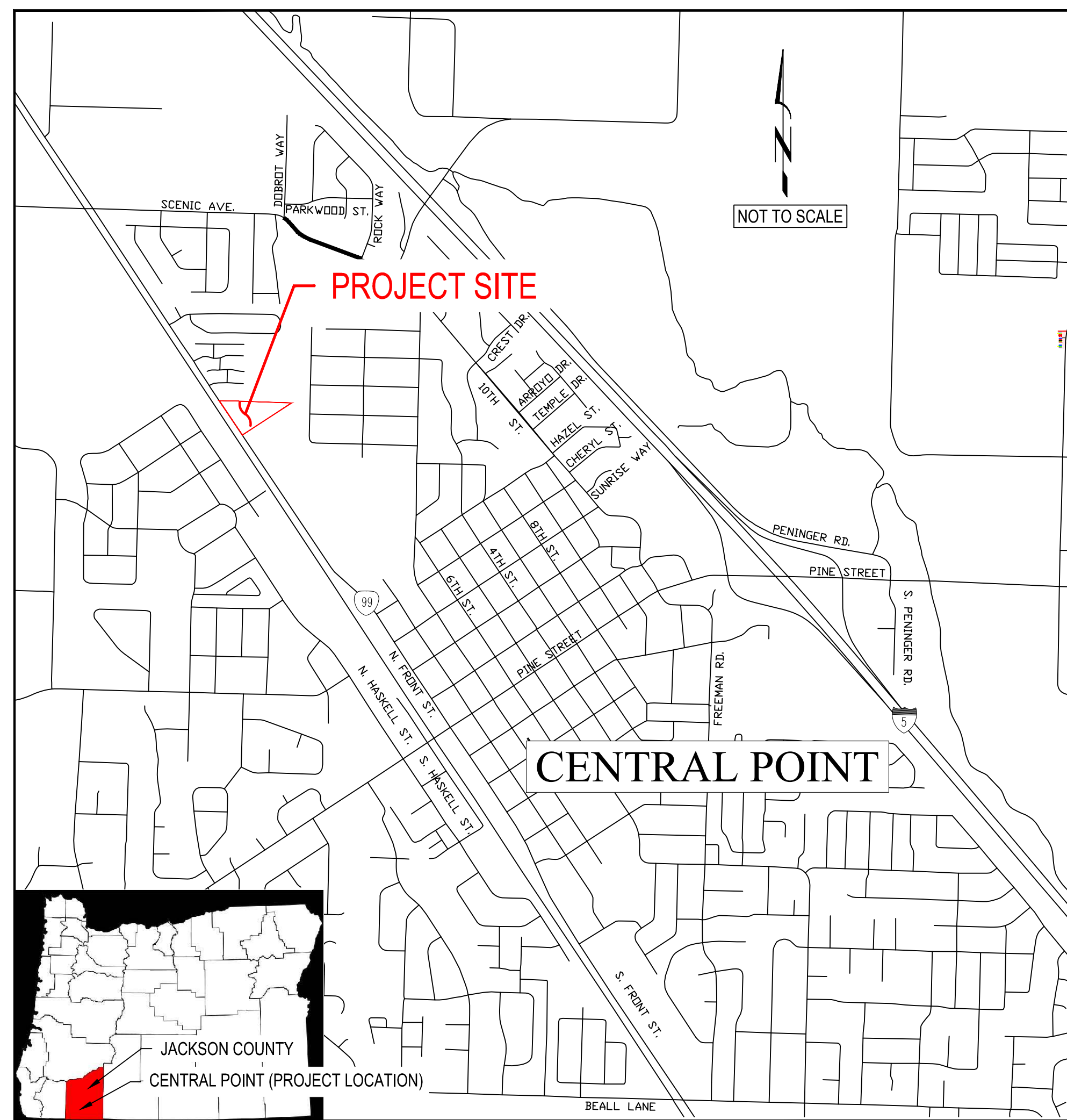




CITY OF CENTRAL POINT SKYRMAN ARBORETUM

SPRING 2016

PROJECT LOCATION MAP



PROJECT VICINITY MAP



CONTACT PERSONNEL

CONTACT	AGENCY	PHONE
EVAN MALEPSY, P.E. ALAN PARDEE	RH2 ENGINEERING COVEY PARDEE LANDSCAPE ARCHITECTS	541-665-6233 EXT. 5413 530-926-0223
GREG GRAVES	CITY OF CENTRAL POINT	541-664-3321 EXT. 225
CARL TAPPERT	RVSS	541-665-6300
ERIC CHASE	CHARTER	541-210-0827
RYLAN WOOD	PACIFIC POWER	541-858-3204
DAVID MCFADDEN	AVISTA	541-941-4055
JIM MARTIN	CENTURY LINK	541-776-8268

DRAWING INDEX

Sheet No.	Description	Dwg No.
1	Cover	COV
2	General Information	G01
3	Site Plan	C01
4	Grading Plan	C02
5	Tree Removal Plan	L01
6	Planting Plan	L02
7	Details	D01
8	Details	D02
9		



EXPIRES: 12/31/2016

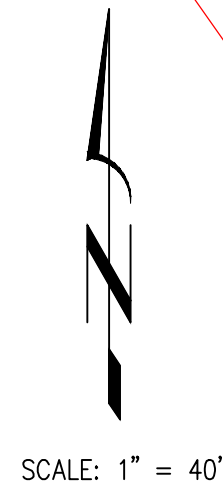
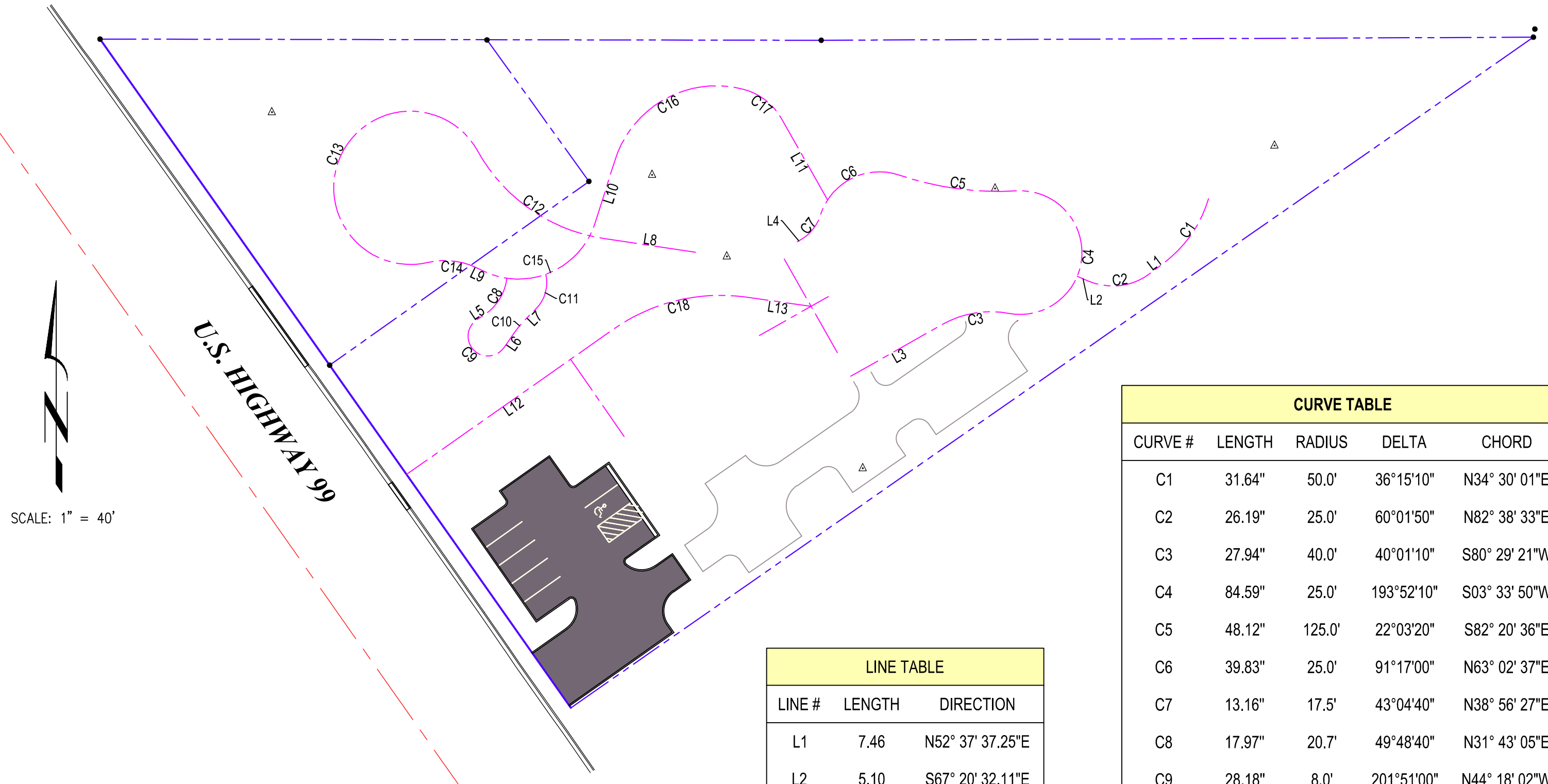
Dig Safely
1-800-332-2344
Oregon Utility Notification Center
Call Before You Dig

GENERAL NOTES

1. Construction shall conform to the 2015 Standard Specifications for Public Works Construction published by the Oregon Chapter of APWA, and the current amendments of the approving Agency.
2. All Concrete shall be 3300 PSI at 28 days unless otherwise specified.
3. Contractor shall be responsible to clean and/or maintain existing public streets of soil or other debris deposited by construction operations and repair all streets damaged by construction operations in a timely manner to avoid inconveniences or hazards to the public.
4. Contractor shall notify Oregon Utility Notification Center at 1-800-332-2344, and the City of Central Point Public Works Department at 664-3321 48 hours prior to beginning work.
5. All contractors and subcontractors shall be pre-qualified (see specifications) prior to any construction of this project.
6. The contractor shall submit a traffic control plan and secure approval of the plan from the Agency at least five (5) working days prior to starting work.
7. The contractor shall not perform work without Agency inspections where inspections are required by the specifications.
8. Where connecting to an existing pipe, the contractor shall expose the end of the existing pipe and allow the engineer to verify exact location and elevation before laying any new pipe on that system.
9. Requests by the contractor for changes to the plans must be approved by the consulting engineer and the Agency's Engineer before changes are implemented.
10. When performing excavations, the contractor shall comply with the provisions of ORS 757.542 to 757.562, which include requirements that the contractor hand-expose (pothole) underground facilities and use reasonable care to avoid damaging them.
11. Placement or storage of spoils from the utility trenches is not permitted on hard surface streets within public right-of-way. Spoils stored in other right-of-way areas shall be covered to prevent erosion.
12. The location and elevation of all existing utilities are shown for reference purposes only. All locations shall be verified by the contractor. If any locations vertical or horizontal vary from what is shown the contractor shall notify Public Works immediately. Any work completed without notification of incorrect location to the engineer may be removed and reconstructed at the contractor's expense.

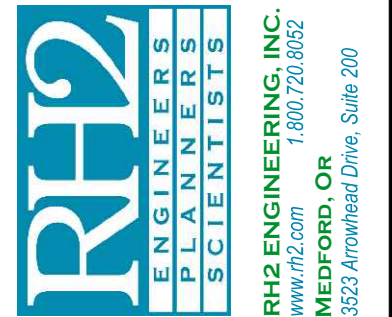
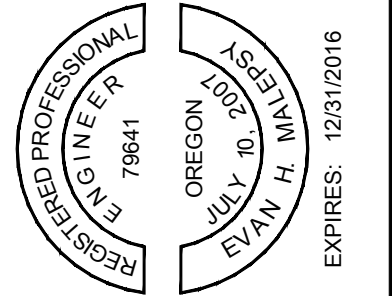
EROSION AND SEDIMENT CONTROL NOTE

In all circumstances where work may potentially result in erosion or movement of sediment into streets or storm drain systems, the contractor shall conduct work activities with practices that prevent erosion and the transport of sediment into storm water facilities. The contractor shall be responsible for installing and monitoring erosion and sediment control measures as incidental to the work activity, including but not limited to measures that prevent the entry of sediment into storm drain systems, prevent flow of sediment-laden water into streets and prevent tracking of material into public roadways.



LINE TABLE		
LINE #	LENGTH	DIRECTION
L1	7.46	N52° 37' 37.25"E
L2	5.10	S67° 20' 32.11"E
L3	42.45	S60° 28' 44.89"W
L4	1.50	N60° 28' 44.89"E
L5	3.56	N56° 37' 25.58"E
L6	7.27	S34° 46' 30.06"W
L7	6.01	S44° 52' 04.25"W
L8	37.71	S81° 24' 37.39"E
L9	3.28	N64° 30' 45.51"W
L10	26.67	S17° 33' 30.01"W
L11	37.83	N29° 32' 59.76"W
L12	102.24	S54° 55' 02.57"W
L13	26.42	N81° 55' 35.57"W

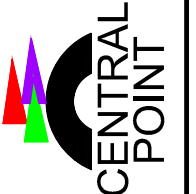
CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	CHORD
C1	31.64"	50.0'	36°15'10"	N34° 30' 01"E
C2	26.19"	25.0'	60°01'50"	N82° 38' 33"E
C3	27.94"	40.0'	40°01'10"	S80° 29' 21"W
C4	84.59"	25.0'	193°52'10"	S03° 33' 50"W
C5	48.12"	125.0'	22°03'20"	S82° 20' 36"E
C6	39.83"	25.0'	91°17'00"	N63° 02' 37"E
C7	13.16"	17.5'	43°04'40"	N38° 56' 27"E
C8	17.97"	20.7'	49°48'40"	N31° 43' 05"E
C9	28.18"	8.0'	201°51'00"	N44° 18' 02"W
C10	7.05"	40.0'	10°05'30"	S39° 49' 17"W
C11	15.16"	15.0'	57°55'30"	S15° 54' 20"W
C12	64.20"	70.0'	52°32'40"	S55° 08' 17"E
C13	137.55"	31.0'	254°14'00"	N24° 01' 02"E
C14	20.20"	30.0'	38°35'10"	N83° 48' 22"W
C15	55.55"	32.5'	97°55'40"	S66° 31' 22"W
C16	65.32"	43.0'	87°02'30"	S61° 04' 43"W
C17	20.01"	25.0'	45°51'00"	N52° 28' 32"W
C18	56.49"	75.0'	43°09'20"	S76° 29' 44"W



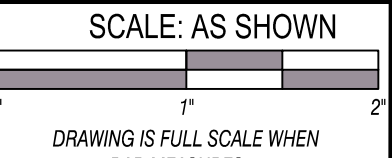
SKYRMAN ARBORETUM
CITY OF CENTRAL POINT

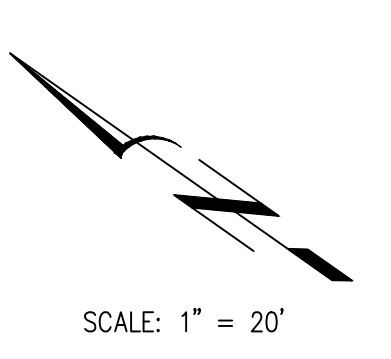
REBEL DIVISION

GENERAL INFORMATION

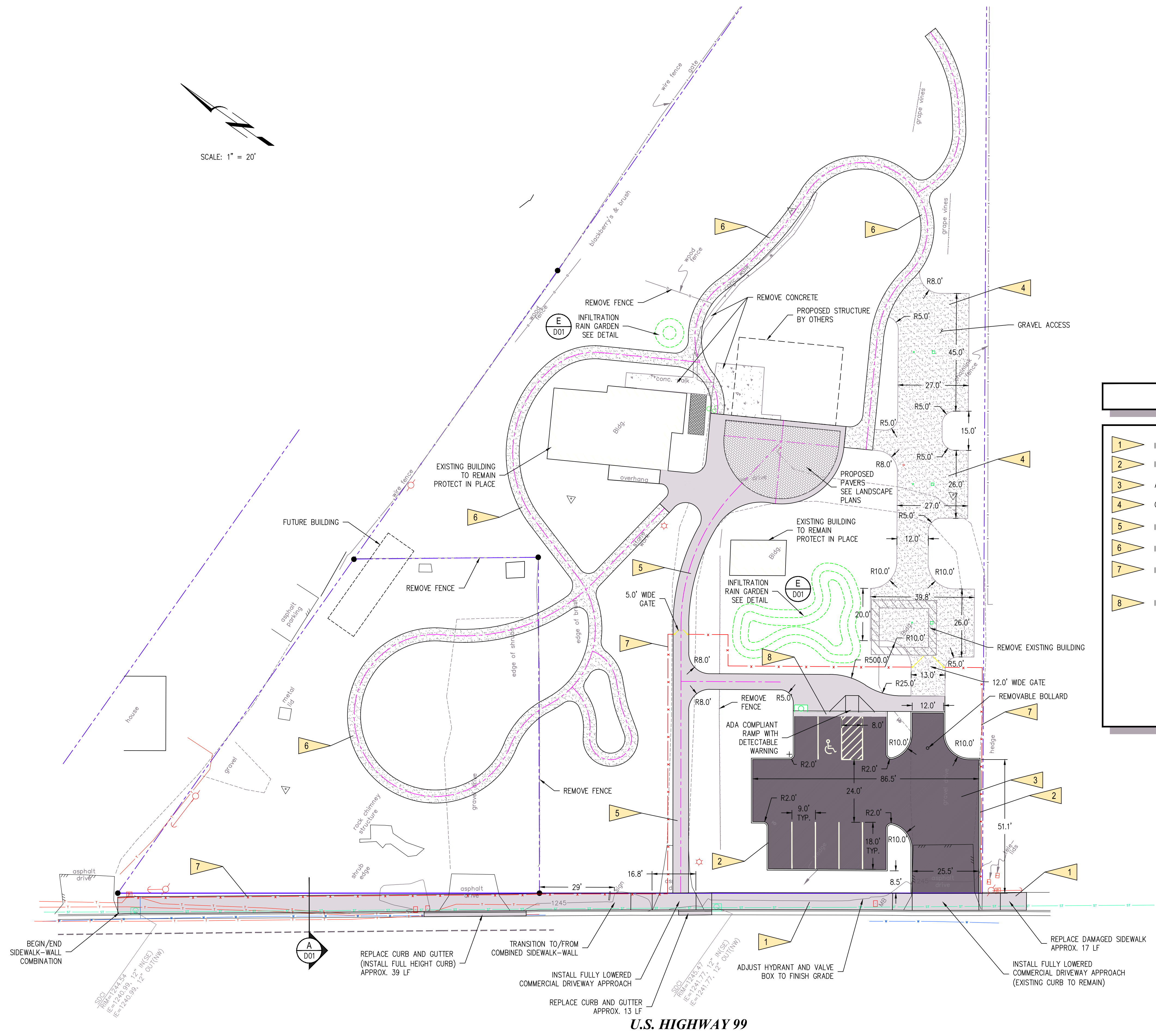


ENGINEER: EHM	DATE: Feb 12, 2016	CLIENT: CITY OF CENTRAL POINT	JOB NO.: 1011-120		
REVIEWED: JAB	DATE: Feb 12, 2016	FILENAME: SKYR-D-PLANDWG			
REVISIONS					
NO.	DATE	DESCRIPTION	BY	REVIEW	



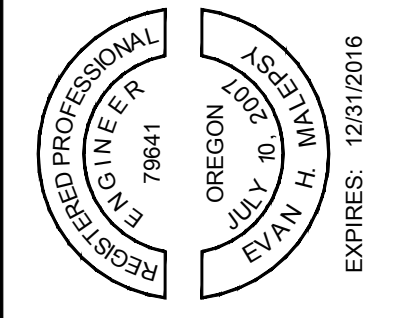


SCALE: 1" = 20'



CIVIL NOTES

- 1 INSTALL 6.5' WIDE SIDEWALK PER CP DETAIL A-5A
- 2 INSTALL STRAIGHT CURB PER CP DETAIL A-6B
- 3 ASPHALT PARKING SURFACE PER DETAIL (B) D01
- 4 GRAVEL EMERGENCY ACCESS PER DETAIL (C) D01
- 5 INSTALL 6.0' WIDE SIDEWALK PER CP DETAIL A-5A
- 6 INSTALL 5.0' WIDE DECOMPOSED GRANITE PATH PER DETAIL (D) D01
- 7 INSTALL 6.0' TALL WROUGHT IRON FENCE (ARISTOCRAT BLACK ORNAMENTAL IRON, OR APPROVED EQUAL) POSTS TO BE PRESET BEFORE POURING CONCRETE WHERE FENCE IS LOCATED IN SIDEWALK
- 8 INSTALL CURB AND GUTTER PER CP DETAIL A-6B

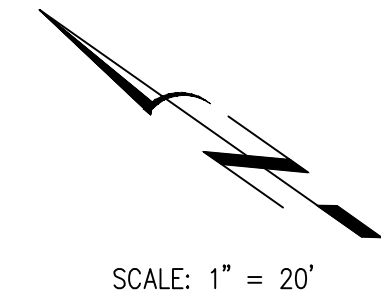


SKYRMAN ARBORETUM
CITY OF CENTRAL POINT

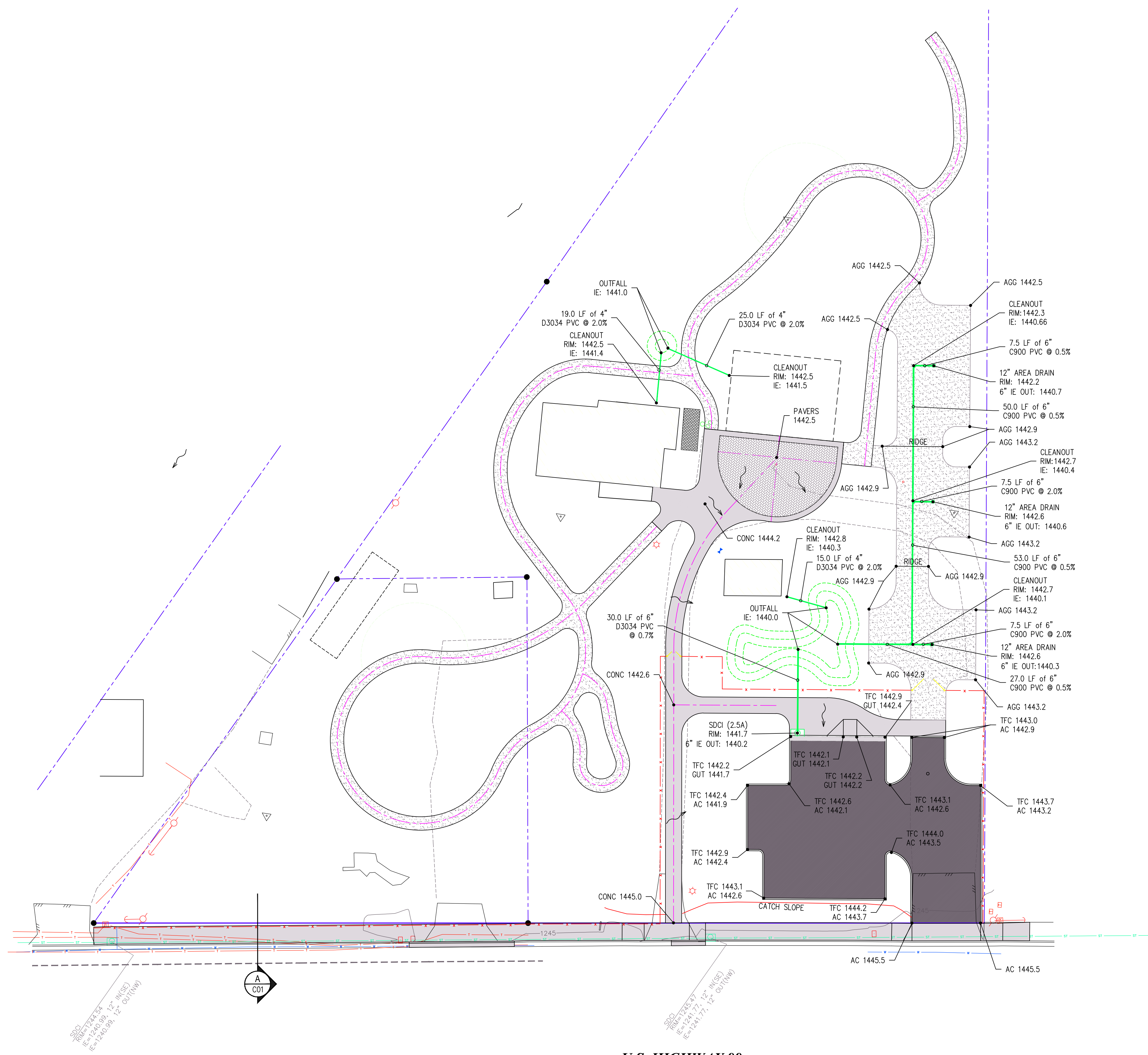
PRELIMINARY
CIVIL SITE PLAN



NO.	DATE	DESCRIPTION	BY	REVIEW
REVISIONS				



SCALE: 1" = 20'

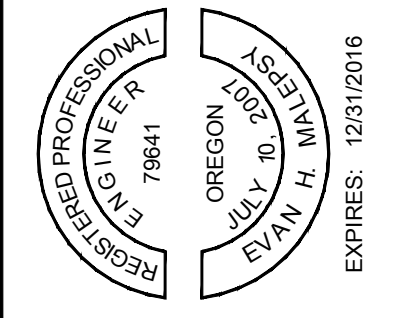


SDCI
RIM: 1441.7
IE: 1440.99, 12\"/>

A
C01

SDCI
RIM: 1443.9
IE: 1442.77, 12\"/>

U.S. HIGHWAY 99



SKYRMAN ARBORETUM
CITY OF CENTRAL POINT



GRADING AND DRAINAGE PLAN

ENGINEER	DATE	REVISIONS	DESCRIPTION	BY	REVIEW
EHM	Feb 12, 2016	1			
JAB	Feb 12, 2016	2			

SCALE: AS SHOWN

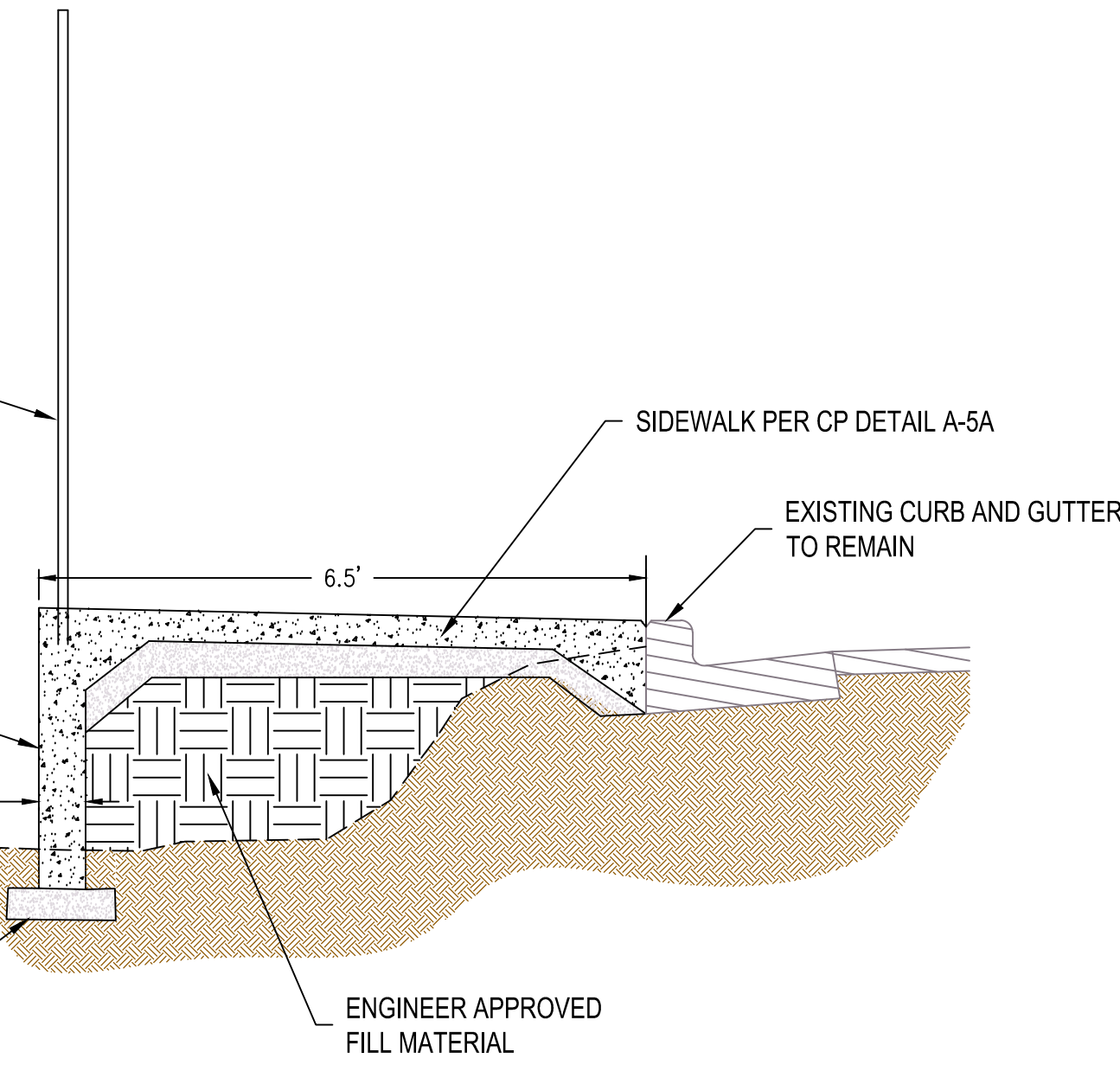
DWG NO.: **C02** SHEET NO.: **4** OF **8**

SECURITY FENCE
6' ARISTOCRAT BLACK ORNAMENTAL IRON
(POSTS TO BE PRESET BEFORE POURING
CONCRETE IN ACCORDANCE WITH FENCE
MANUFACTURER RECOMMENDATIONS)

COMBINED SIDEWALK / WALL
HEIGHT VARIES 1'-3'

APPROXIMATE EXISTING GRADE

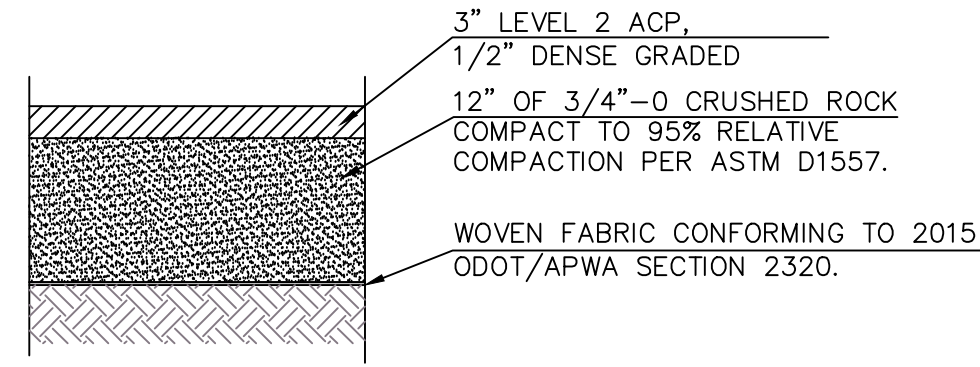
CRUSHED ROCK BASE MATERIAL
MIN. 1.0' WIDE x 0.5' DEEP
COMPACTED



A
D01

COMBINED SIDEWALK / WALL DETAIL

NOT TO SCALE

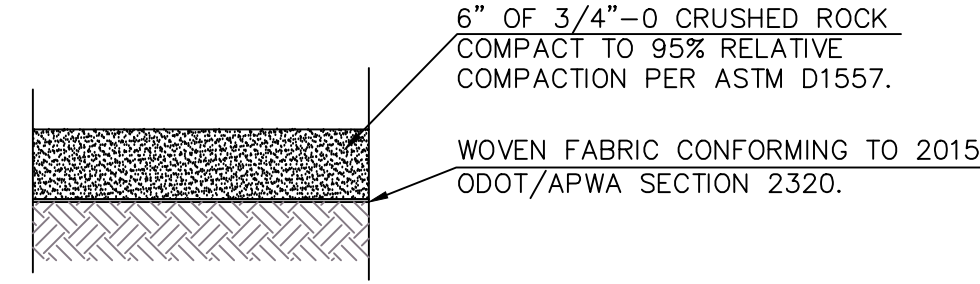


COMPACT SUBGRADE TO 95 PERCENT RELATIVE COMPACTION
ACCORDING TO AASHTO T-180 AT OPTIMUM MOISTURE
CONTENT. SUBGRADE MUST BE HARD AND UNYIELDING.

B
D01

PARKING LOT SURFACING DETAIL

NOT TO SCALE

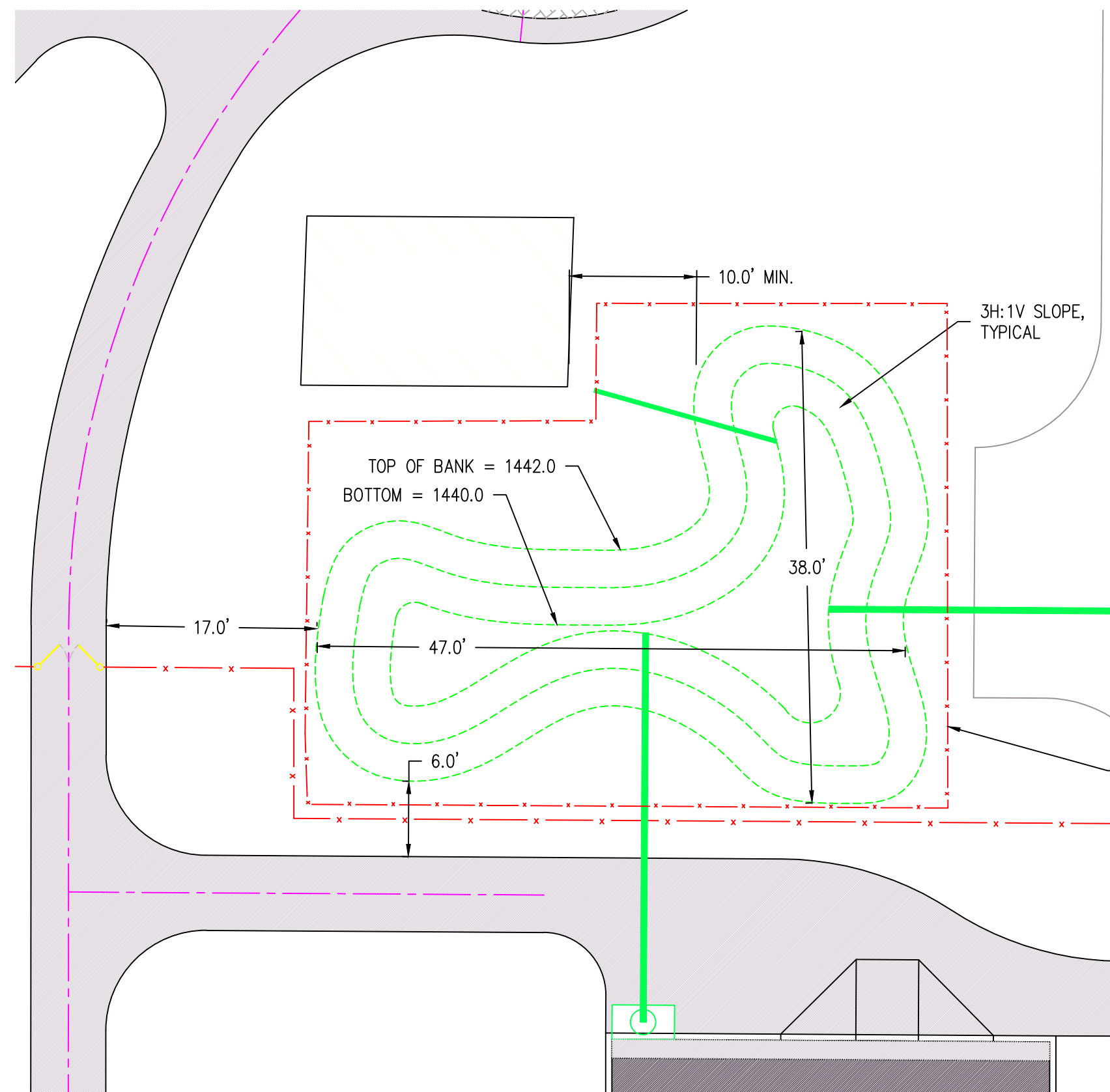


COMPACT SUBGRADE TO 95 PERCENT RELATIVE COMPACTION
ACCORDING TO AASHTO T-180 AT OPTIMUM MOISTURE
CONTENT. SUBGRADE MUST BE HARD AND UNYIELDING.

C
D01

EMERGENCY ACCESS SURFACING DETAIL

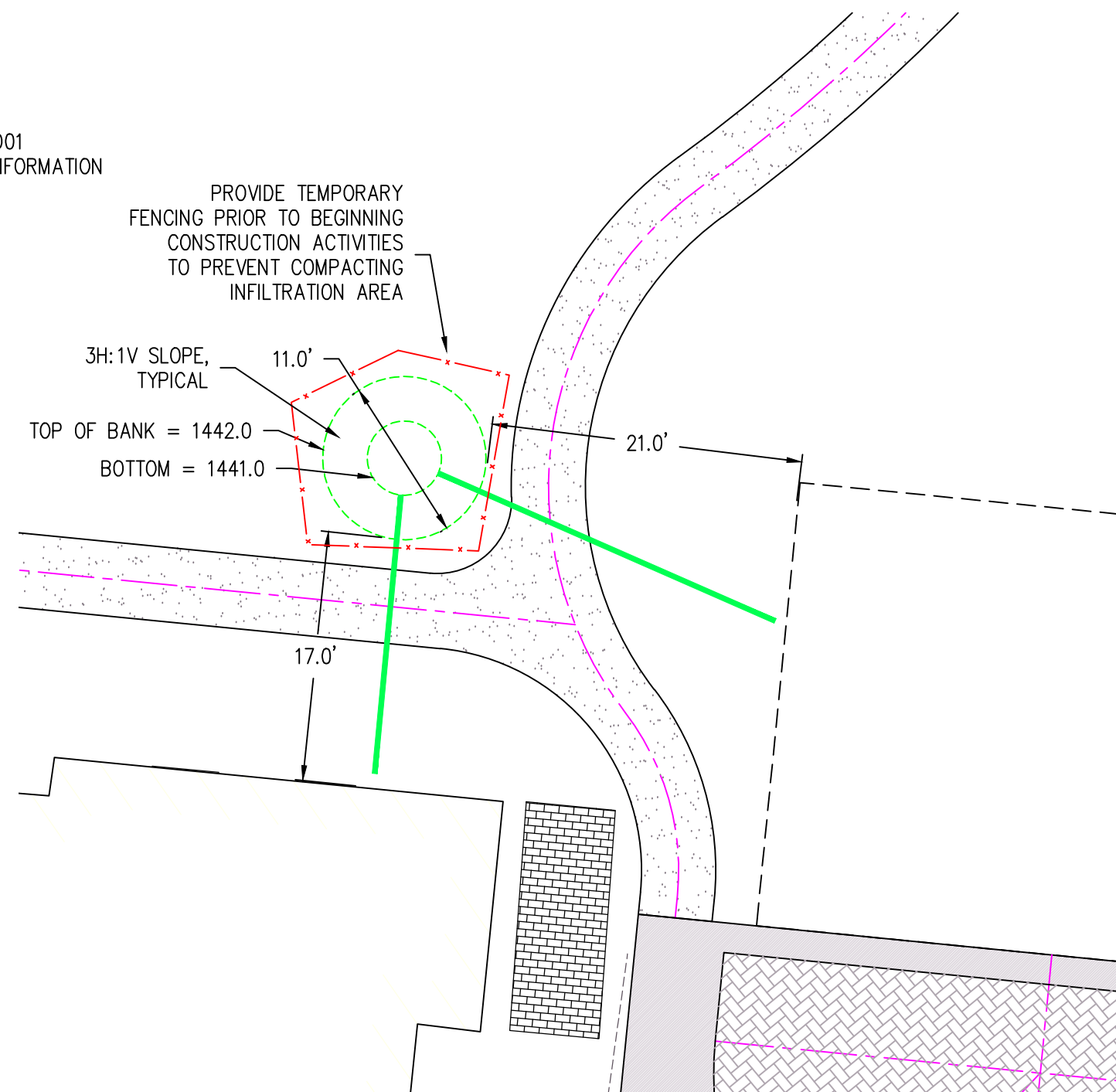
NOT TO SCALE



NOTE:
SEE DETAIL LID 1.01 ON SHEET D01
FOR ADDITIONAL RAIN GARDEN INFORMATION

SCALE: 1" = 10'

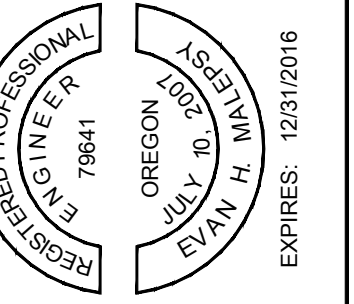
PROVIDE TEMPORARY
FENCING PRIOR TO BEGINNING
CONSTRUCTION ACTIVITIES
TO PREVENT COMPACTING
INFILTRATION AREA



PROVIDE TEMPORARY
FENCING PRIOR TO BEGINNING
CONSTRUCTION ACTIVITIES
TO PREVENT COMPACTING
INFILTRATION AREA

E
D01

RAIN GARDEN DETAILS



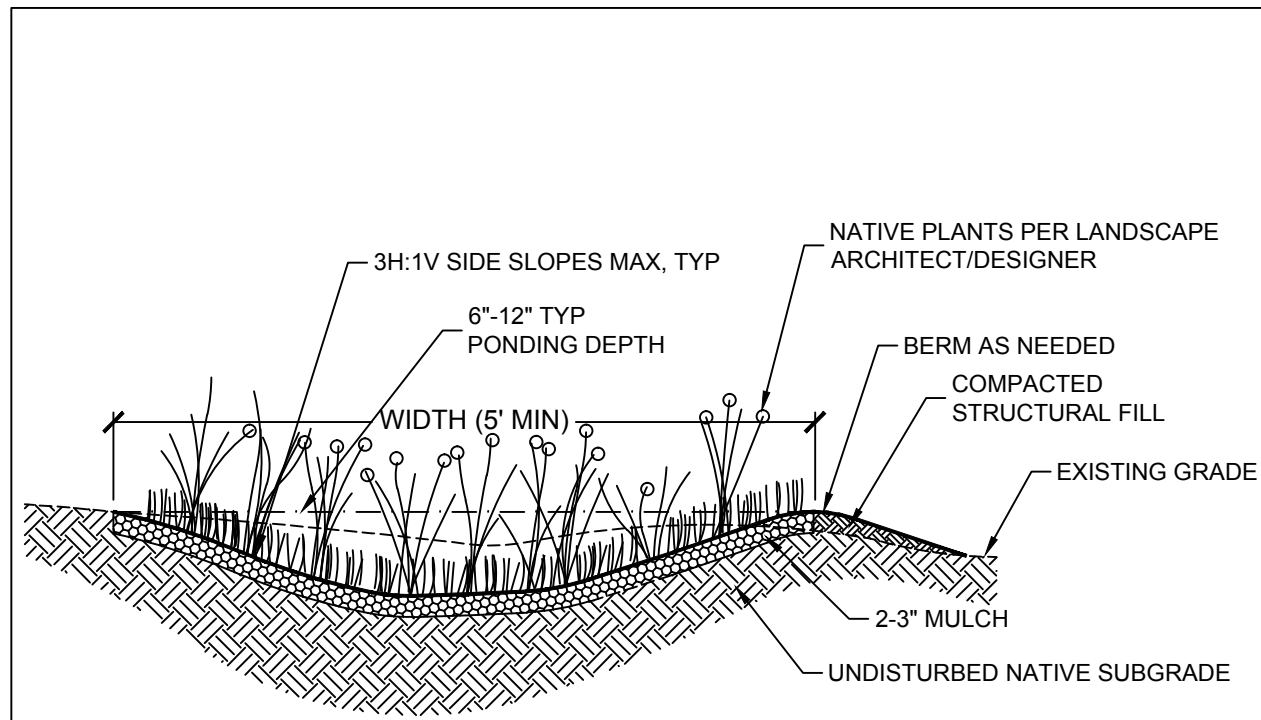
SKYRMAN ARBORETUM
CITY OF CENTRAL POINT



PRELIMINARY DETAILS

NO.	DATE	DESCRIPTION	BY	REVIEW

ENGINEER: EHM	DATE: Feb 12, 2016	CLIENT: CITY OF CENTRAL POINT	JOB NO.: 1011-120
REVIEWED: JAB	DATE: Feb 12, 2016	FILENAME: SKYR-PLAN.DWG	
REVISIONS			
DWG NO.: D01	SHEET NO.: 7	SCALE: AS SHOWN	



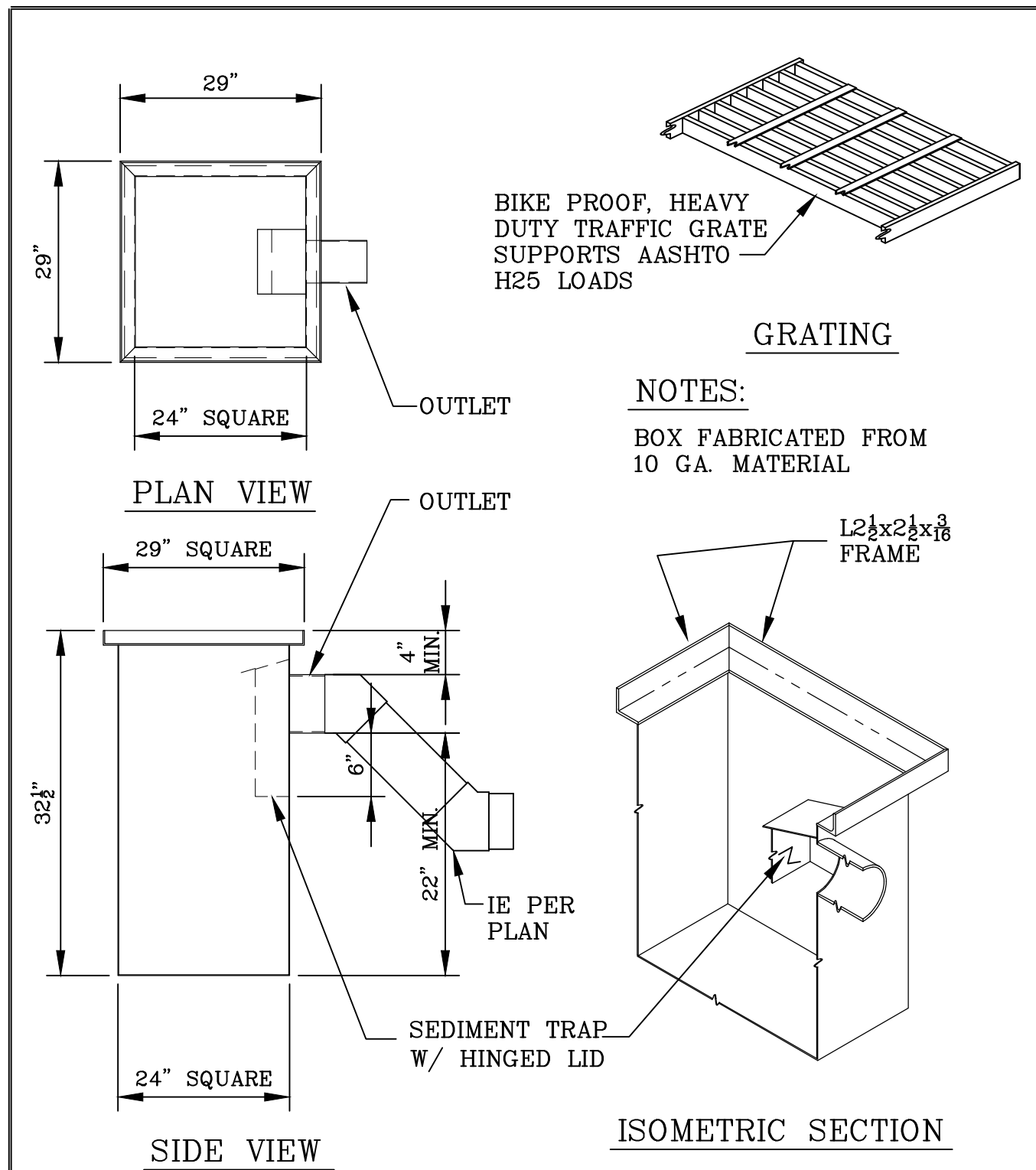
INFILTRATION RAIN GARDEN NOTES

- DESIGN NOTES:**
- PLANT WITH PLANTS PER LANDSCAPE ARCHITECT DWGS. NATIVE PLANTS ARE PREFERRED, BECAUSE NON-NATIVE AND INVASIVE SPECIES CAN REPRODUCE DOWNSTREAM TO DAMAGE HABITAT AND CHANGE HYDROLOGY. IF NON-NATIVES ARE CHOSEN, BE SURE THAT THEY WILL NOT DAMAGE DOWNSTREAM WATERWAYS.
- CONSTRUCTION NOTES:**
- BUILD AND VEGETATE RAIN GARDEN AS EARLY AS POSSIBLE TO ESTABLISH PLANTINGS BEFORE DIRECTING STORMWATER RUNOFF TO IT OR DIVERT STORMWATER AROUND FACILITY. PREFERABLY, THIS PERIOD WOULD LAST A MINIMUM OF 3 MONTHS OR PER LANDSCAPE ARCHITECT/DISIGNER GUIDELINES.
 - INFILTRATION AREAS (THE AREA OF THE RAIN GARDEN AS DEFINED BY THE TOP ELEVATION OF THE FACILITY) SHALL BE FENCED OFF FROM THE FIRST DAY OF EARTH MOVING UNTIL PROJECT COMPLETION TO PREVENT COMPACTION OF THE SUBGRADE, DIRT TRACKING ONTO ANY LAYER OF THE FACILITY, AND STOCKPILING OF CONSTRUCTION MATERIALS THAT MAY CLOG THE SURFACE.
 - DURING EXCAVATION OF NATIVE SOILS TO THE BOTTOM OF THE FACILITY, RAINFALL MAY CAUSE FINES TO CLOG THE SURFACE OF THE FACILITY. IF THIS OCCURS DURING CONSTRUCTION, HAND RAKE THE SURFACE TO A DEPTH OF 3" TO RESTORE INFILTRATION CAPACITY.
 - CALL THE CIVIL ENGINEER, [ENTER NAME HERE] AT [ENTER PHONE NUMBER HERE] 24 HOURS IN ADVANCE OF CONSTRUCTING THIS FACILITY SO CONSTRUCTION OBSERVATION MAY BE PERFORMED TO IDENTIFY VARIATIONS IN THE FIELD THAT MAY AFFECT DESIGN AND VERIFY PROPER CONSTRUCTION.

Details created by a partnership of:

Simple Infiltration Rain Garden

LID 1.01
1 of 1
Scale: NTS



STATE APPROVED - ASPHALT DIPPED

24" SQUARE - 4" Ø OR 6" Ø OUTLET

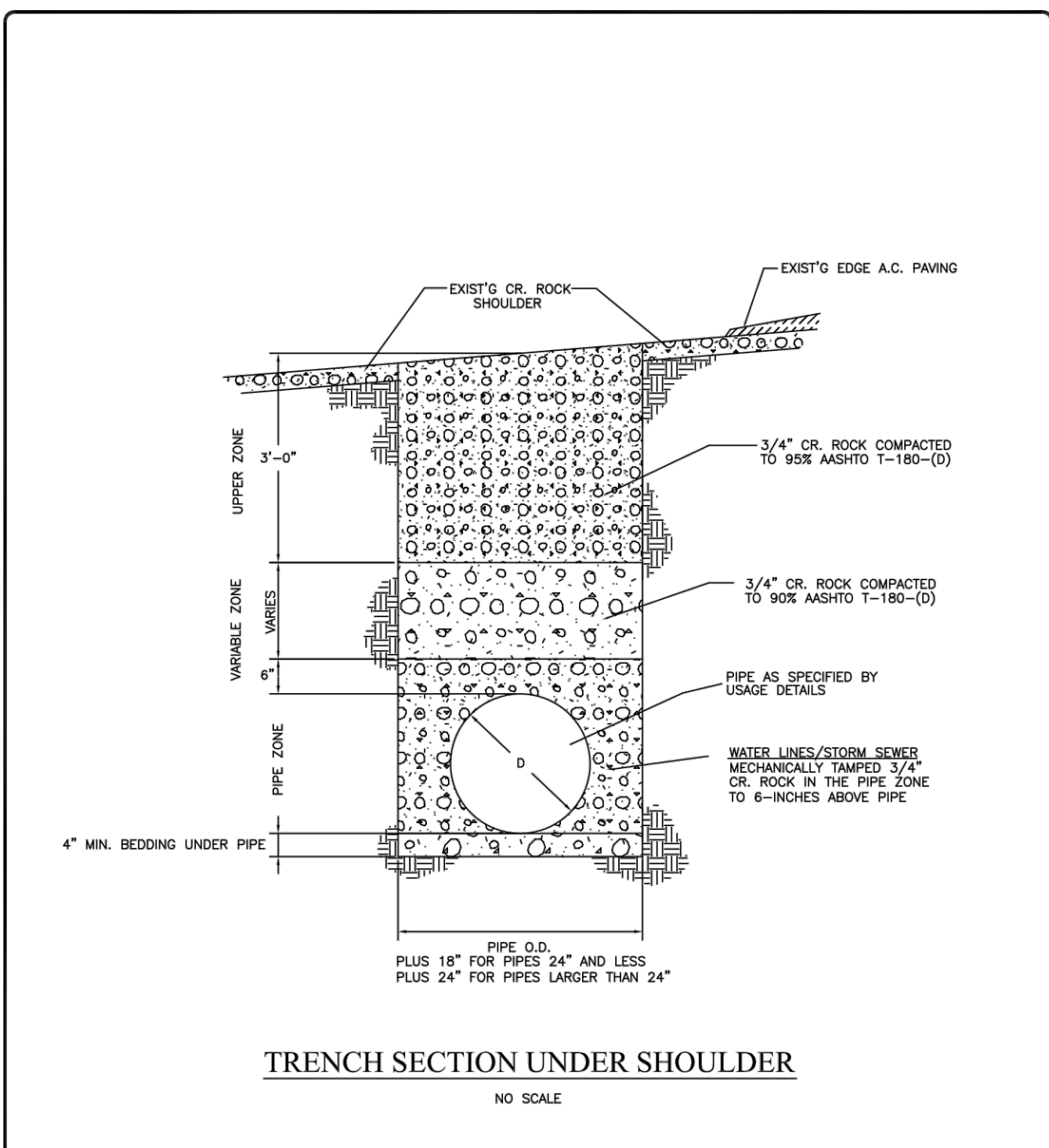
STORM WATER CATCH BASIN

PROJ. MAN. DOUG P. DWN. PAUL G. SCALE NONE

DATE: JAN. 23, 06 MODEL: GCB10-30HB-4&6

DWG # **S1**

Gibson Steel Basins SINCE 1972
247 Washington St. Eugene, Or. 97401 ph:(541) 687 - 8672 fax:344-0207



TRENCH SECTION UNDER SHOULDER

NO SCALE

NOTES:
1. 3/4-INCH CRUSHED ROCK MEETING REQUIREMENTS OF SECTION 910.11.01 FOR APPLICABLE TRENCH ZONE

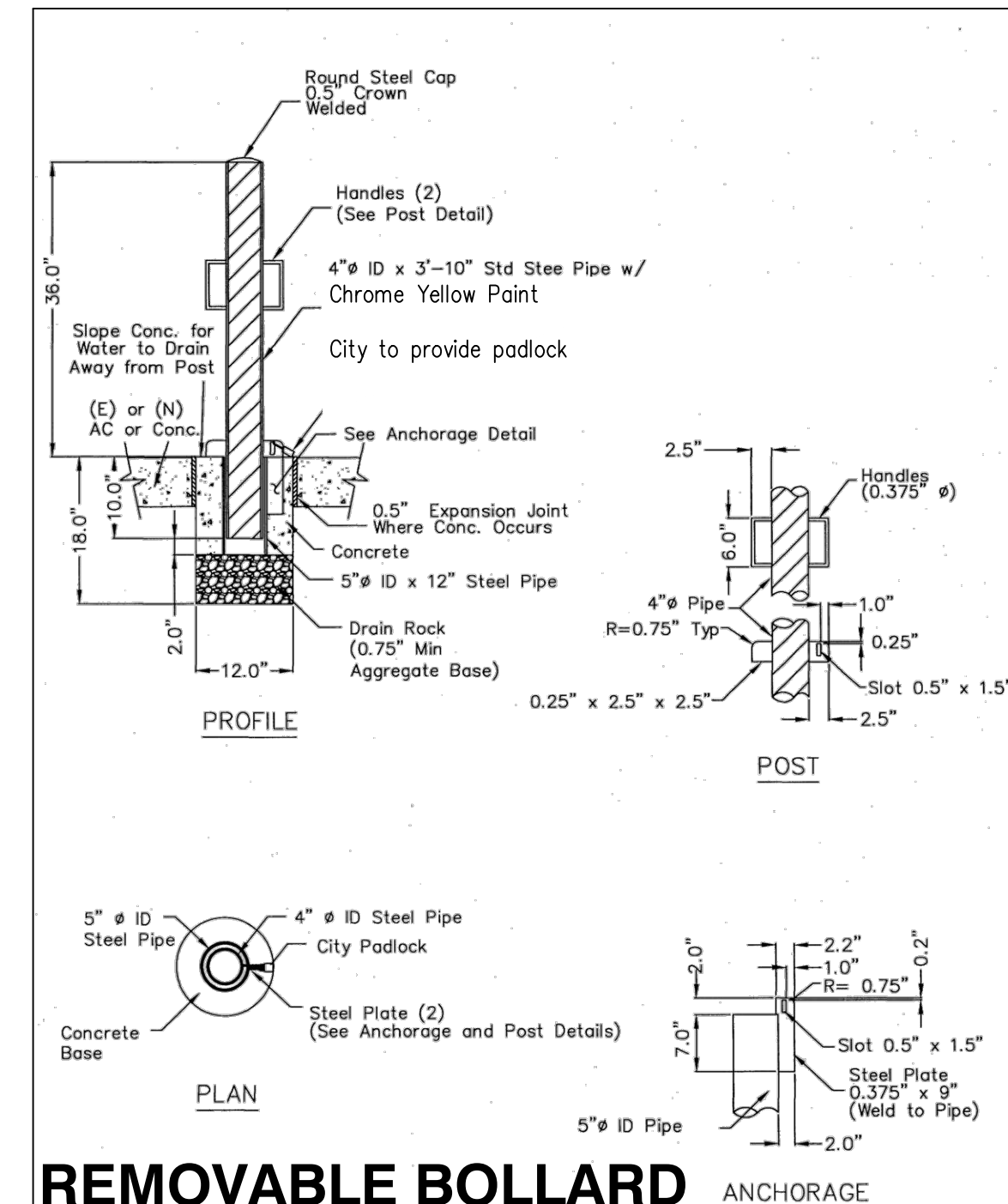
CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION

TRENCH SECTION

FILE: CP-T-2.DWG

DATE: T-2



REMOVABLE BOLLARD ANCHORAGE

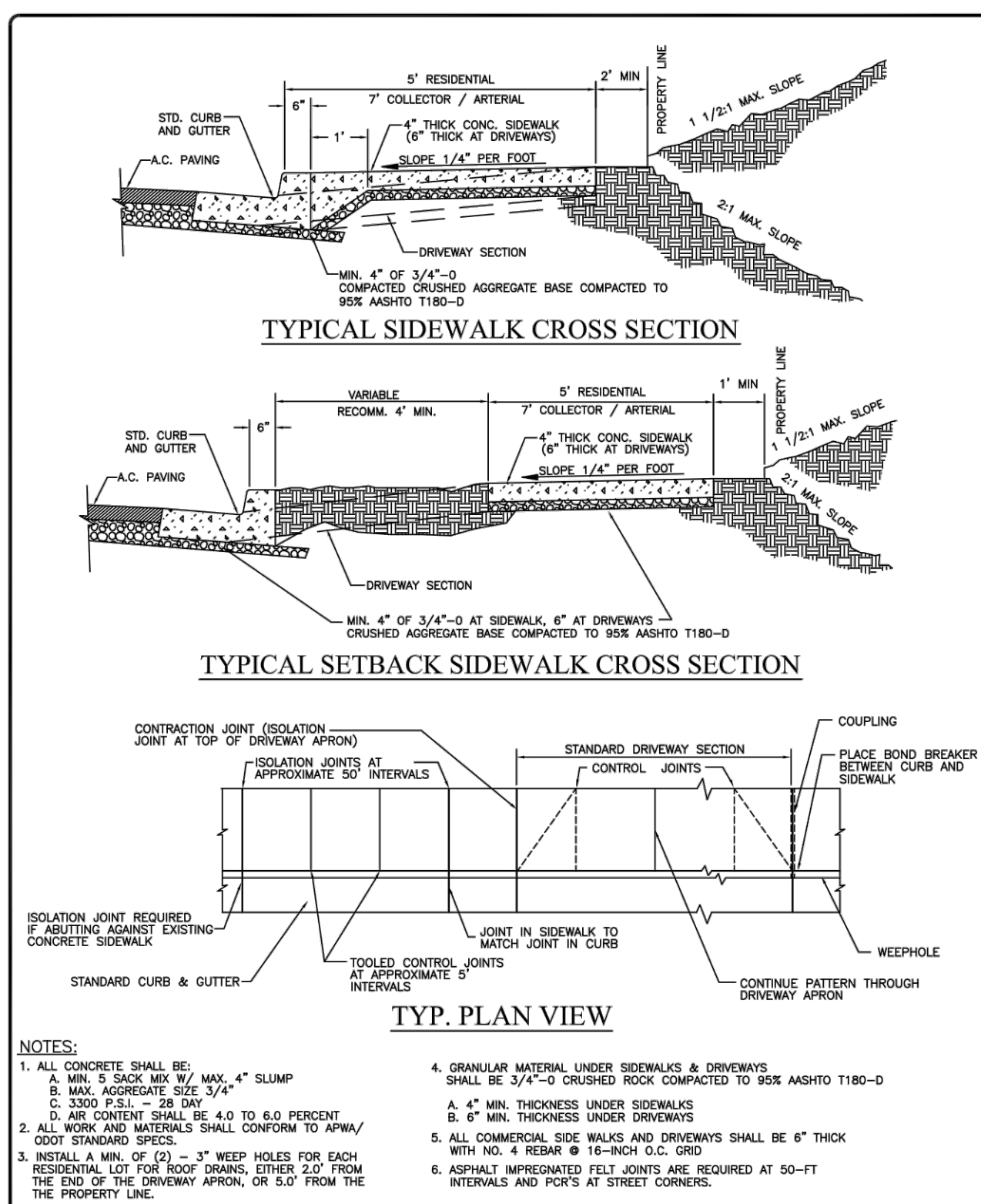
CITY OF CENTRAL POINT

UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION

REMOVABLE BOLLARD

FILE: CP-B-3.DWG

DATE: SD-3



TYPICAL SIDEWALK CROSS SECTION

TYPICAL SETBACK SIDEWALK CROSS SECTION

TYP. PLAN VIEW

NOTES:
1. ALL CONCRETE SHALL BE: A. MIN. 5 BAGS MIX BY MAX. 4" SLUMP B. MAX. AGGREGATE SIZE 3/4" C. 3300 P.S.I. - 28 DAY D. AIR CONTENT SHALL BE 4.0 TO 6.0 PERCENT E. ALL WORK AND MATERIALS SHALL CONFORM TO AWWA/CODOT STANDARD SPECS.
2. INSTALL A MIN. OF 2" 1" WEEP HOLES FOR EACH RESIDENTIAL LOT FOR ROOF DRAINS, EITHER 2.0' FROM THE END OF THE DRIVEWAY APRON, OR 5.0' FROM THE PROPERTY LINE.
3. GRANULAR MATERIAL UNDER SIDEWALKS & DRIVEWAYS SHALL BE 3/4"-Ø CRUSHED ROCK COMPACTED TO 95% AASHTO T180-D
4. 4" MIN. THICKNESS UNDER SIDEWALKS
5. 6" MIN. THICKNESS UNDER DRIVEWAYS
6. ALL COMMERCIAL SIDE WALKS AND DRIVEWAYS SHALL BE 6" THICK WITH NO. 4 REBAR @ 18-INCH O.C. GRID
7. ASPHALT IMPREGATED FELT JOINTS ARE REQUIRED AT 50-FT INTERVALS AND JOINTS AT STREET CORNERS.
8. CURB TRANSITIONS FOR COMMERCIAL USE AND ALLEY APPROACHES SHALL BE 5 FEET.

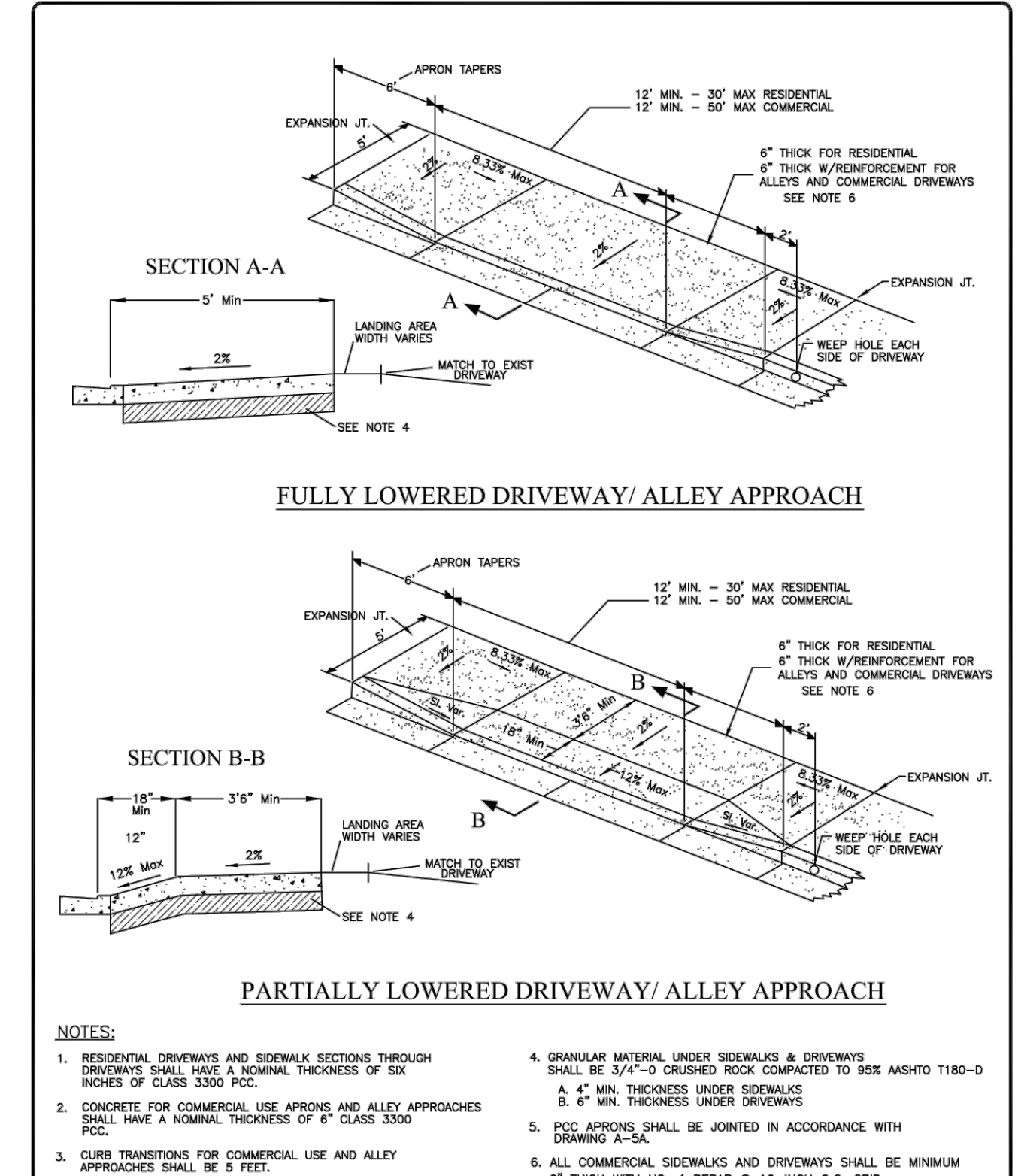
CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION

SIDEWALKS

FILE: CP-A-5A.DWG

DATE: A-5A



FULLY LOWERED DRIVEWAY/ ALLEY APPROACH

PARTIALLY LOWERED DRIVEWAY/ ALLEY APPROACH

NOTES:
1. RESIDENTIAL DRIVEWAYS AND SIDEWALK SECTIONS THROUGH DRIVEWAYS SHALL HAVE A NOMINAL THICKNESS OF SIX INCHES OF CLASS 3300 PCC.
2. CONCRETE FOR COMMERCIAL USE APRONS AND ALLEY APPROACHES SHALL HAVE A NOMINAL THICKNESS OF 6" CLASS 3300 PCC.
3. PCC APRONS SHALL BE JOINTED IN ACCORDANCE WITH DRAWING A-5A.
4. GRANULAR MATERIAL UNDER SIDEWALKS & DRIVEWAYS SHALL BE 3/4"-Ø CRUSHED ROCK COMPACTED TO 95% AASHTO T180-D
5. 4" MIN. THICKNESS UNDER SIDEWALKS
6. 6" MIN. THICKNESS UNDER DRIVEWAYS
7. ALL COMMERCIAL SIDEWALKS AND DRIVEWAYS SHALL BE MINIMUM 6" THICK WITH NO. 4 REBAR @ 18-INCH O.C. GRID

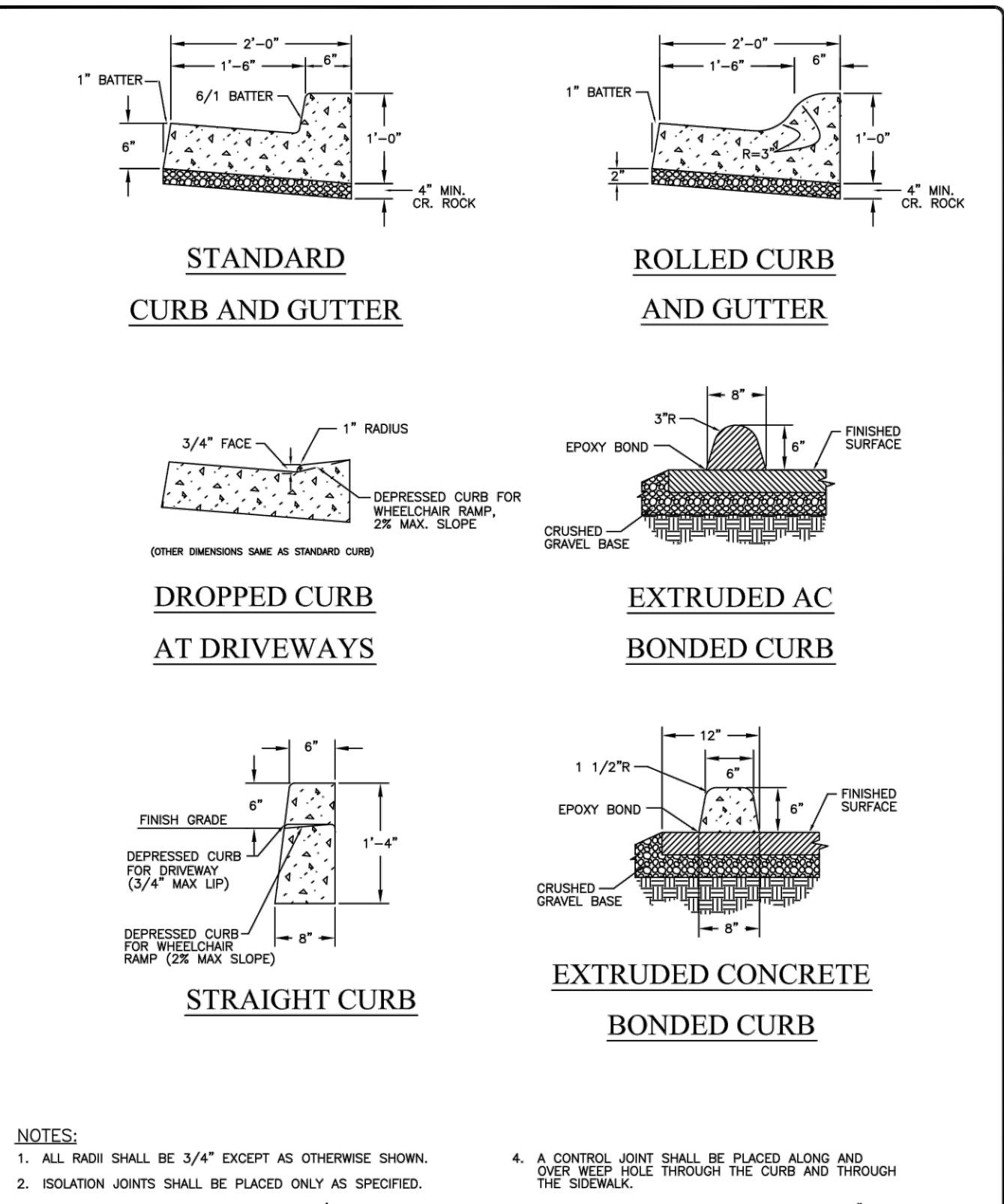
CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION

DRIVEWAY AND ALLEY APPROACHES

FILE: CP-A-6A.DWG

DATE: A-6A



TYPICAL CURBS & GUTTERS

NOTES:
1. ALL RADI SHALL BE 3/4" EXCEPT AS OTHERWISE SHOWN.
2. ISOLATION JOINTS SHALL BE PLACED ONLY AS SPECIFIED.
3. CONTROL JOINTS SHALL BE PLACED AT 10' INTERVALS AND SHALL EXTEND AT LEAST 50% THROUGH THE CURB OR CURB AND GUTTER.
4. A CONTROL JOINT SHALL BE PLACED ALONG AND OVER WEEP HOLE THROUGH THE CURB AND THROUGH THE SIDEWALK.
5. WHEN SIDEWALKS ARE CONSTRUCTED, EXTEND 3" PIPE TO BACK OF SIDEWALK AND INSTALL COUPLING.

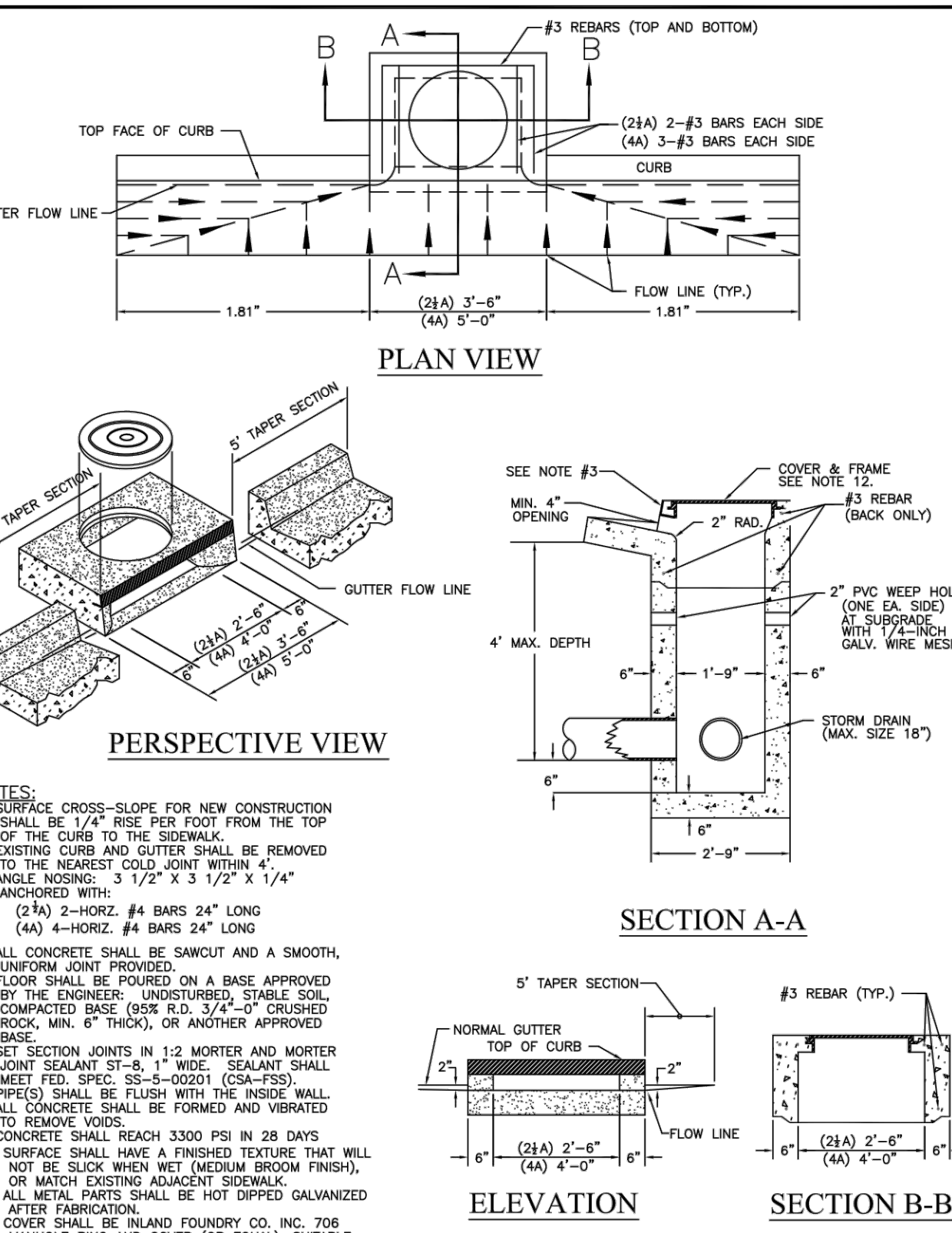
CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION

TYPICAL CURBS & GUTTERS

FILE: CP-A-6B.DWG

DATE: A-6B



CONCRETE CURB INLET

NOTES:
1. SURFACE CROSS-SLOPE FOR NEW CONSTRUCTION SHALL BE 1/4" RISE PER FOOT FROM THE TOP OF THE CURB TO THE SIDEWALK.
2. EXISTING CURB AND GUTTER SHALL BE REMOVED TO THE NEAREST COLD JOINT WITHIN 4'.
3. ANGLE NOSING: 3 1/2" X 3 1/2" X 1/4" ANCHORED WITH: (2) 2# 2-HORIZ. #4 BARS 24" LONG (4) 4-HORIZ. #4 BARS 24" LONG
4. ALL CONCRETE SHALL BE SAWCUT AND A SMOOTH, UNIFORM JOINT PROVIDED.
5. FLOOR SHALL BE POURED ON A BASE APPROVED BY THE ENGINEER. UNDISTURBED, STABLE SOIL, COMPACTED BASE (PER I.D. 3/4"-Ø CRUSHED ROCK, MIN. 6" THICK), OR ANOTHER APPROVED BASE.
6. SET SECTION JOINTS IN 1:2 MORTAR AND MORTAR JOINT SEALANT ST-8, 1" WIDE. SEALANT SHALL MEET FED. SPEC. SS-600001 (CSK-FSS).
7. PIPE(S) SHALL BE FLUSH WITH THE INSIDE WALL.
8. ALL CONCRETE SHALL BE FORMED AND VIBRATED TO REMOVE VOIDS.
9. CONCRETE SHALL REACH 3300 PSI IN 28 DAYS.
10. SURFACE SHALL HAVE A FINISHED TEXTURE THAT WILL NOT BE SLICK WHEN WET (MEDIUM BROOM FINISH), OR MATCH EXISTING ADJACENT SIDEWALK.
11. ALL METAL PARTS SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION.
12. COVER SHALL BE INLAND FOUNDRY CO. INC. 706 MANHOLE RING AND COVER (OR EQUAL), SUITABLE FOR HEAVY TRAFFIC LOADING.

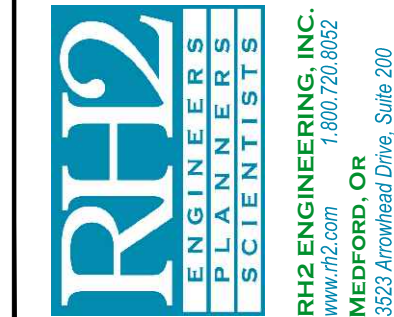
CITY OF CENTRAL POINT PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION

CONCRETE CURB INLET

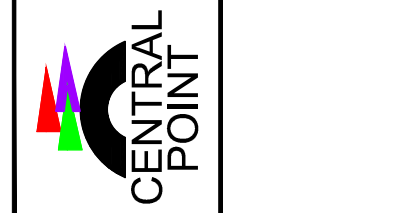
FILE: CP-SD-3.DWG

DATE: SD-3



SKYRMAN ARBORETUM
CITY OF CENTRAL POINT

PRELIMINARY DETAILS



REVISIONS	DATE	DESCRIPTION	BY	REVIEW

SCALE: AS SHOWN

DRAWING IS FULL SCALE WHEN BAR MEASURES 2"