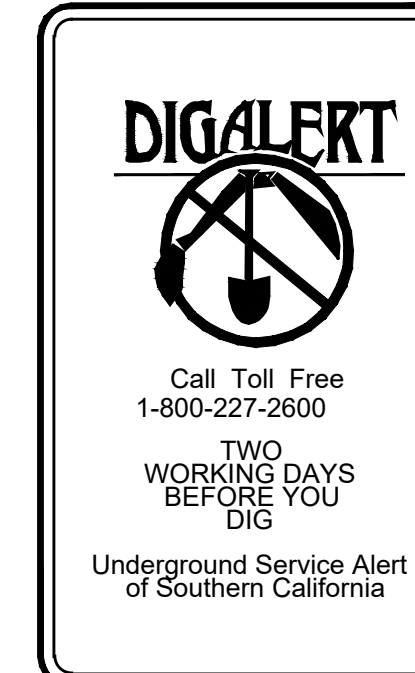


DEPARTMENT OF RECREATION AND PARKS CITY OF LOS ANGELES

VENICE OF AMERICA CENTENNIAL PARK

CONSTRUCTION DOCUMENTS FOR PARK DEVELOPMENT PRJ 21638



THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS

GENERAL MANAGER: JIMMY KIM
PROJECT LANDSCAPE ARCHITECT: CRAIG RAINES
SUPERINTENDENT: DARRYL FORD

LC NO. 4982
LIC NO.
DATE:

PROJECT DESCRIPTION

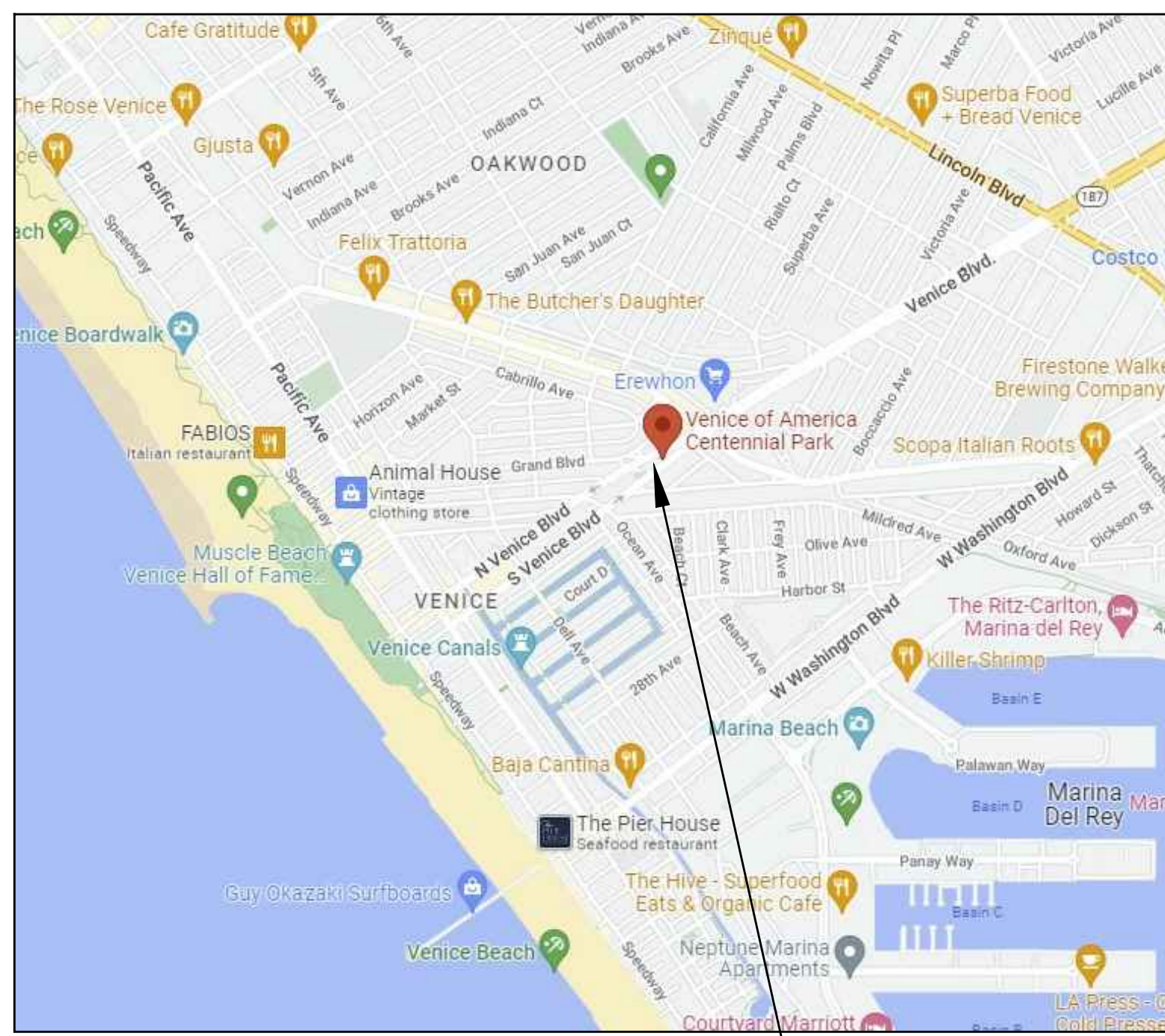
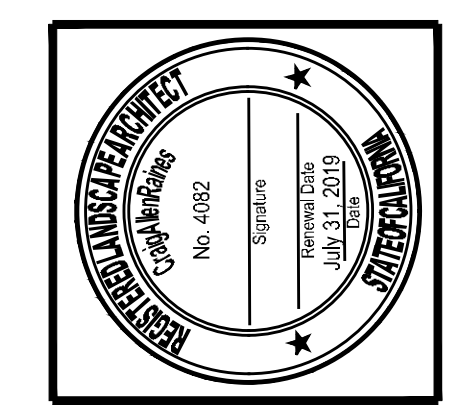
THE SCOPE OF WORK CONSISTS OF:

- PHASE 2:
1. ADD NEW SHRUBS.
 2. INSTALL NEW 2-WIRE IRRIGATION SYSTEMS TO PROPOSED PLANTING AREA.
 3. INSTALL NEW DECOMPOSED GRANITE PAVING.
 4. INSTALL NEW MULCH PAVING.
 5. KEEP EXISTING TREES.
 6. KEEP EXISTING PATH OF TRAVEL.



INDEX OF SHEETS

SHT NO.	DWG NO.	DESCRIPTION
1	TS-0.0	TITLE SHEET
2	SP-0.1	SPECIFICATIONS
3	SP-0.2	SPECIFICATIONS
4	SP-0.3	SPECIFICATIONS
5	SP-0.4	WATER CALCULATION SHEET
6	LS-1.0	DEMOLITION PLAN
7	LS-2.0	CALLOUTS PLAN
8	LS-2.1	LAYOUT PLAN
9	LS-3.0	PLANTING PLAN & PLANTING DETAILS
10	LS-4.0	IRRIGATION PLAN
11	LS-5.0	CONSTRUCTION DETAILS
12	LS-6.0	IRRIGATION DETAILS
13	LS-6.1	IRRIGATION DETAILS
14	LS-6.2	IRRIGATION DETAILS



VICINITY MAP
NOT TO SCALE

PROJECT TEAM

OWNER: **DEPARTMENT OF RECREATION & PARKS**
221 N. Figueroa St. Ste 400
LOS ANGELES, CA 90012

DESIGN: **PLANNING, CONSTRUCTION and MAINTENANCE DIVISION**

DARRYL FORD
SUPERINTENDENT
(213)202-2682

CRAIG RAINES
LANDSCAPE ARCHITECTURAL
ACTING LANDSCAPE ARCH II
(213)202-2652

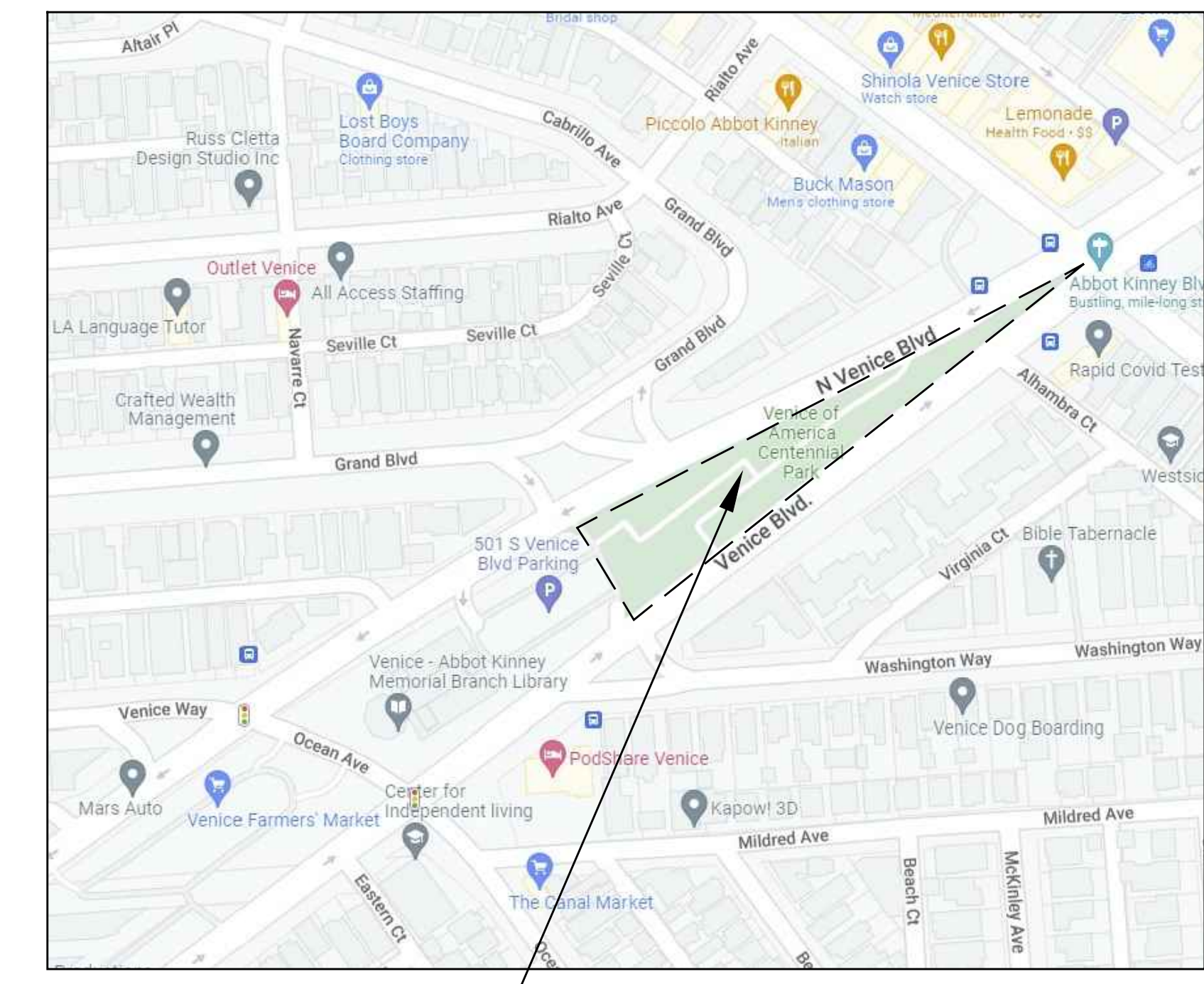
ZHIYA HUANG
LANDSCAPE ARCHITECTURAL
LANDSCAPE ARCH ASSOCIATE I
(213)208-2666

YIYI PENG
LANDSCAPE ARCHITECTURAL
LANDSCAPE ARCH INTERN
(213)204-0959

COUNCIL DISTRICT: **MIKE BONIN**
COUNCIL DISTRICT 11

ABBREVIATIONS

ABS	ACRYLONITRILE BUTADIENE	ID	INSIDE DIAMETER
ADJ	ADJACENT	INV.	INVERT ELEVATION
ALT.	ALTERNATE	IN.	INCH
∠	ANGLE	JOIN	MATCH EX. ADJACENT GRADE
APPROX.	APPROXIMATE	JT.	BOTH HORIZ. & VERT. JOINT
AC	ASPHALT CONCRETE	LB.	POUND
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	LF	LINEAL FEET
@	AT	MAX.	MAXIMUM
BC	BEGINNING OF CURVE	MFG.	MANUFACTURER
BPU	BACKFLOW PREVENTION UNIT	MH	MANHOLE
BM	BENCH MARK	MIN.	MINIMUM
BS	BOTTOM OF STEP	MISC.	MISCELLANEOUS
BW	BOTTOM OF WALL	NIC	NOT IN CONTRACT
B/W	BOTH WAYS	NO. or #	NUMBER
CB	CATCH BASIN	NTS	NOT TO SCALE
C	CENTER LINE	OC	ON CENTER
CC	CENTER TO CENTER	OD	OUTSIDE DIAMETER
CJ	CONTROL JOINT	PA	PLANTING AREA
CLF	CHAIN LINK FENCE	PB	PULL BOX
CO	CLEAN OUT	P	PROPERTY LINE
CONC.	CONCRETE	POC	POINT OF CONNECTION
CONST.	CONSTRUCT	PP	POWER POLE
CF	CUBIC FOOT	PRC	POINT OF REVERSE CURVE
CSP	CORRUGATED STEEL PIPE	PSI	POUND PER SQUARE INCH
CY	CUBIC YARD	PVC	POLYVINYL CHLORIDE
DF	DRINKING FOUNTAIN	QCV	QUICK COUPLER VALVE
DG	DECOMPOSED GRANITE	R	RADIUS
DIA or Ø	DIAMETER	RCP	REINFORCED CONCRETE
EA	EACH	RCV	REMOTE CONTROL VALVE
EC	END OF CURVE	RP	REDUCED PRESSURE
EJ	EXPANSION JOINT	RD	REDUCED PRESSURE BACKFLOW DEVICE
ELEV.	ELEVATION	SD	STORM DRAIN
EQ.	EQUAL	SHT.	SHEET
FB	FIELD BOOK	SPECS.	SPECIFICATIONS
FL	FLOWLINE	SS	SANITARY SEWER
FG	FINISH GRADE	SSPWC	STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION
FIN.	FINISH	SQ.FT.	SQUARE FEET
FS	FINISH SURFACE	TC	TOP OF CURB
FOC	FACE OF CURB	TG	TOP OF GRATE
FOW	FACE OF WALL	TS	TOP OF STEP
FT	FEET	TW	TOP OF WALL
GA.	GAUGE	VERT.	VERTICAL
GALV.	GALVANIZED	W	WITH
GPM	GALLONS PER MINUTE	WM	WATER METER
HORIZ.	HORIZONTAL	WWM	WELDED WIRE MESH
⊕	LOCATION OF COMPACTION TEST, AS INDICATED ON THE PLANS		



VENICE OF AMERICA CENTENNIAL PARK

SITE MAP
NOT TO SCALE

PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX

ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS:	DATE:
△	
△	
△	
△	
△	
△	

PLAN NAME:
TITLE SHEET

DRAWN BY: YY.P	APPROVED BY: GR
SCALE: PRJ # 21638	ISSUE DATE: 02/2023
	FILE NO.
DRAWING NO. TS-0.0	
SHEET 1 OF 14 SHEETS	

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

PRESSURE LOSS CALCULATION GPM

INFO. SOURCE:	PH. NO.		
VALVE NUMBER A-7	IRRIG. TYPE MPR	GPM 10.7	
STATIC WATER PRESSURE @ WATER METER		74.0 (High 02)	
SIZE	DESCRIPTION	GPM	LOSS
2"	SERVICE LINE	30.0	
2"	WATER METER	30.0	
3"	BACKFLOW PREVENTER	30.0	10.00
1 1/2"	MASTER VALVE	30.0	
1 1/2"	FLOW SENSOR	30.0	
1 1/2"	PRESSURE REGULATOR	30.0	
1 1/2"	GATE / BALL VALVE	30.0	
1 1/2"	REMOTE CONTROL VALVE	30.0	
3"	MAINLINE	1.10	0.00
2"	MAINLINE	1.74	12.53
1 1/2"	LATERAL LINE	2.28	0.456
1 1/4"	LATERAL LINE	2.72	0
1"	LATERAL LINE	3.70	5.92
3/4"	LATERAL LINE	4.50	1.8
2"	LATERAL LINE	0	0.00
PVC LATERAL LINE FITTING LOSS (10%)			30.7
TOTAL FRICTION LOSS			0.0
ELEVATION @ METER			0.0
ELEVATION DIFFERENCE		0.433	0.0
PSI REQUIRED AT HEAD			0.0
TOTAL PSI REQUIRED			30.7
REGULATED PRESSURE @ POC (IF APPLICABLE)			
RESIDUAL PRESSURE (MUST BE POSITIVE)			43.3
TOTAL AVAILABLE WILL BE 43.3 PSI.			

Calculate Max Annual Applied Water Allowance (MAWA) and Estimated Total Water Use (ETWU):

Project Name	VENICE OF AMERICA CENTENNIAL PARK SITE IMPROVEMENT				
Name of Project Applicant	Zhiya Huang				
Title	Landscape architecture I				
Telephone No.	213-202-2666				
Fax No.					
Email Address	zhiyaHuang@lacity.org				
Company	Recreation & Park, City of LA				
Street Address	221 N. Figueroa Fourth Floor Ste. 400				
City	Los Angeles	State	Ca	Zip	90012

To determine if plantings are Low, Moderate or High water requirement plants, see CA Dept of Water Resources Species Evaluation List: <http://www.slocity.org/utilities/download/outdoorconserv.pdf>

Enter values for your project in square feet:		MAWA Gallons	340,963.16
Total Landscape Area	16859	MAWA Units	455.83
Turf	0	ETWU Gallons	121,772.56
Low (Drought Tolerant)	16859	ETWU Units	162.80
Moderate	0		
High (Thirsty)	0		
Sports Field	0		
Vegetables	0		

[check total] 16859

Average Eto for Los Angeles City (2000-2009) = 46.6 inches /year
Mandated ET adjustment factor = 0.70
Conversion factor (gallons to square feet) = 0.62
LA = Landscape Area
SLA = Special Landscape Area (sports field, vegetable garden)
SLA adjustment factor = 0.30
PF = Plant Factor from WUCOLS III
HA = Hydrozone Area square feet IE = Irrigation Efficiency (80%)
Units = Billing Units or 748 gallons
MAWA = (Eto)(0.62)(0.7 * LA + 0.3 * SLA)
ETWU = (Eto)(.062)((PF*HA)/IE+SLA)

CERTIFICATE OF COMPLETION
This certificate is filled out by the project applicant upon completion of the landscape project.

PART 1. PROJECT INFORMATION SHEET

Date	11/2022		
Project Name	VENICE OF AMERICA CENTENNAIL PARK SITE IMPROVEMENT		
Name of Project Applicant	Zhiya Huang		
Zhiya Huang	Telephone No. 213-202-2666		
	Fax No.		
Title	Landscape architecture I		
Company: Rec & Park	Email Address: zhiya.huang@lacity.org		
City: Los Angeles	Street Address: 221 N. Figueroa Fourth Floor Ste. 400		
	State	Zip Code	90012

Project Address and Location:

Street Address	501 S Venice Blvd.		
City	Venice		
State	Zip Code	Parcel, tract or lot number, if available.	
CA	90291		

Property Owner or his/her designee:

Name	Craig A. Raines		
	Telephone No.	213-202-2652	
	Fax No.		
Title	Acting Landscape Architect II		
Company: Rec & Park	Email Address: craig.raines@lacity.org		
	Street Address: 221 N. Figueroa Fourth Floor Ste. 400		
	Los Angeles, Ca 90012		
City: Los Angeles	State: CA	Zip Code: 90012	

Property Owner
I have received copies of all the documents required by the City and the Certificate of Completion and that it is our responsibility to see that the project is maintained in accordance with the Landscape and Irrigation Maintenance Schedule."

PART 2. CERTIFICATION OF INSTALLATION ACCORDING TO THE APPROVED PLANS.

"I/we certify that based upon periodic site observations, the work has been substantially completed in accordance with the ordinance and that the landscape planting and irrigation installation conform with the criteria and specifications of the City approved landscape and irrigation plans

Signature*	Chris Atencio		
Date	213-202-2649		
Name (print)	Telephone No.:	213-202-2649	
Chris Atencio	Fax No.		
Title: Landscape Architectural Assoc. II	Email Address: chris.atencio@lacity.org		
License No. or Certification No. 5559			
Company: Rec & Park	Street Address: 221 N. Figueroa Fourth Floor Ste. 400		
	Los Angeles, Ca 90012		
City: Los Angeles	State: CA	Zip Code: 90012	

*Signer of the landscape design plan, signer of the irrigation plan, or a licensed landscape contractor.

PART 3. IRRIGATION SCHEDULING

Attach parameters for setting the irrigation schedule on controller per the City's Engineering Standards.

PART 4. SCHEDULE OF LANDSCAPE AND IRRIGATION MAINTENANCE

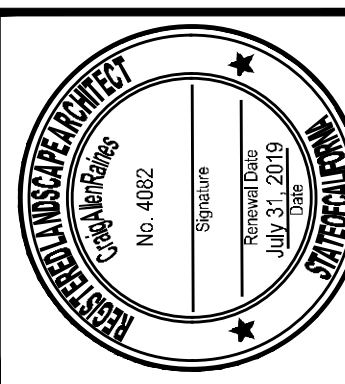
Attach schedule of Landscape and Irrigation Maintenance per the City's Engineering Standards.

PART 5. SOIL MANAGEMENT REPORT

Attach soil analysis report, if not previously submitted with the building application submittal. Attach documentation verifying implementation of recommendations from soil analysis report .



THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS
SUPERINTENDENT: DARRYL FORD
GENERAL MANAGER: JIMMY KIM
PROJECT LANDSCAPE ARCHITECT: CHASE DAMES
PROJECT ENGINEER: _____
DATE: _____



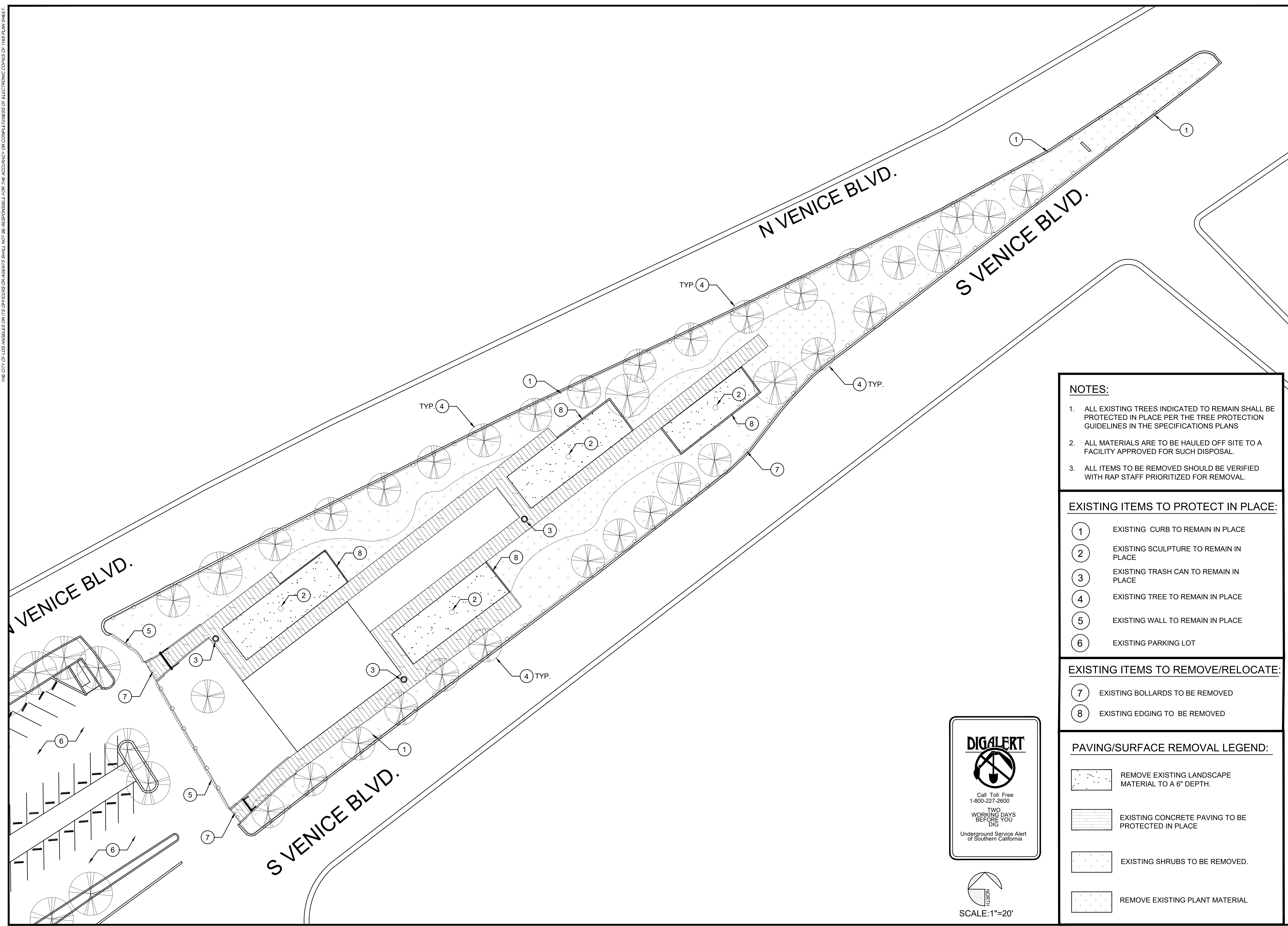
PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX
ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS:	DATE:
△	
△	
△	
△	
△	

PLAN NAME:
WATER CALCULATION SHEET

DRAWN BY: YY.P	APPROVED BY: CR
SCALE:	ISSUE DATE: 02/2023
PRJ # 21638	FILE NO.:
DRAWING NO. SP- 0.4	
SHEET 5 OF 14 SHEETS	

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

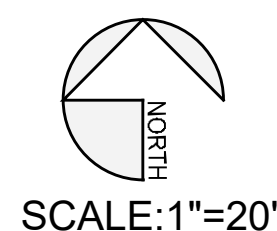
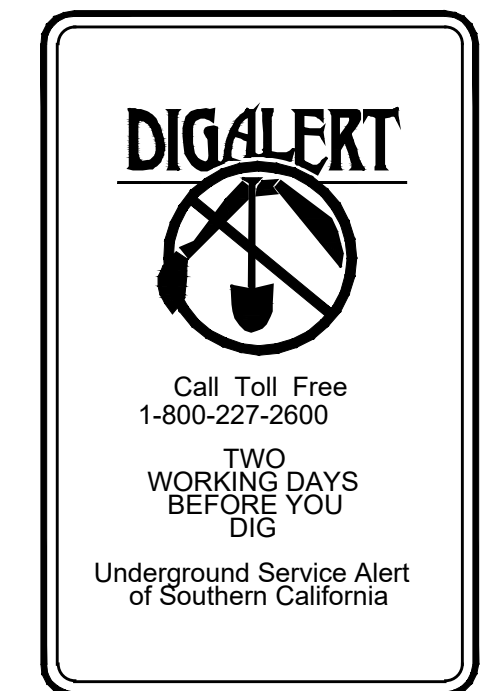


- NOTES:**
- ALL EXISTING TREES INDICATED TO REMAIN SHALL BE PROTECTED IN PLACE PER THE TREE PROTECTION GUIDELINES IN THE SPECIFICATIONS PLANS
 - ALL MATERIALS ARE TO BE HAULED OFF SITE TO A FACILITY APPROVED FOR SUCH DISPOSAL.
 - ALL ITEMS TO BE REMOVED SHOULD BE VERIFIED WITH RAP STAFF PRIORITIZED FOR REMOVAL.

- EXISTING ITEMS TO PROTECT IN PLACE:**
- ① EXISTING CURB TO REMAIN IN PLACE
 - ② EXISTING SCULPTURE TO REMAIN IN PLACE
 - ③ EXISTING TRASH CAN TO REMAIN IN PLACE
 - ④ EXISTING TREE TO REMAIN IN PLACE
 - ⑤ EXISTING WALL TO REMAIN IN PLACE
 - ⑥ EXISTING PARKING LOT

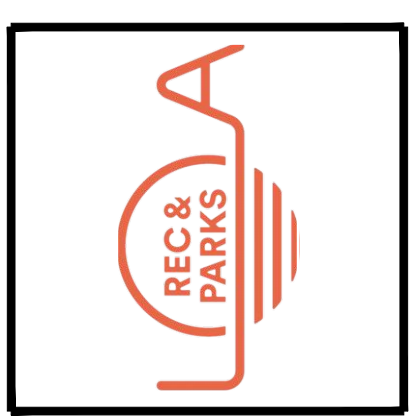
- EXISTING ITEMS TO REMOVE/RELOCATE:**
- ⑦ EXISTING BOLLARDS TO BE REMOVED
 - ⑧ EXISTING EDGING TO BE REMOVED

- PAVING/SURFACE REMOVAL LEGEND:**
- REMOVE EXISTING LANDSCAPE MATERIAL TO A 6" DEPTH.
 - EXISTING CONCRETE PAVING TO BE PROTECTED IN PLACE
 - EXISTING SHRUBS TO BE REMOVED.
 - REMOVE EXISTING PLANT MATERIAL

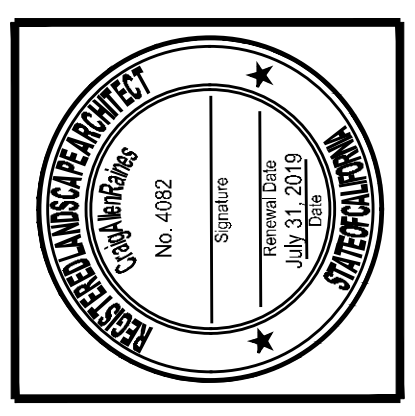


SCALE: 1"=20'

REVISION DATE: 7/6/2023 10:44 AM FILE: O:\ARCH_ENG\VENICE OF AMERICA CENTENNIAL PARK\CD\LS 1.0 DEMO.DWG



THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS
SUPERINTENDENT: DARRYL FORD
GENERAL MANAGER: JIMMY KIM
PROJECT LANDSCAPE ARCHITECT: SANDRANNE
PROJECT ENGINEER:
DATE:



PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX
ADDRESS:
501 S Venice Blvd, Venice, CA 90291

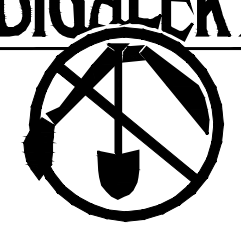
REVISIONS:	DATE:

PLAN NAME:
DEMOLITION PLAN

DRAWN BY: YY.P	APPROVED BY: CR
SCALE: 1"=20'	ISSUE DATE: 02/2023
PRJ # 21638	FILE NO.
DRAWING NO. LS- 1.0	

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

DIGALERT



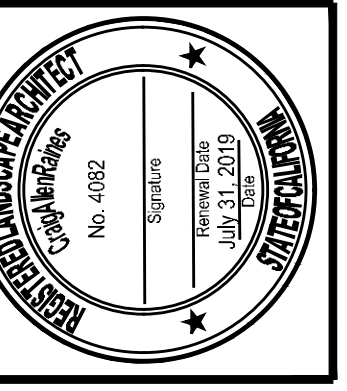
Call Toll Free
1-800-227-2600

TWO
WORKING DAYS
BEFORE YOU
DIG

Underground Service Alert
of Southern California



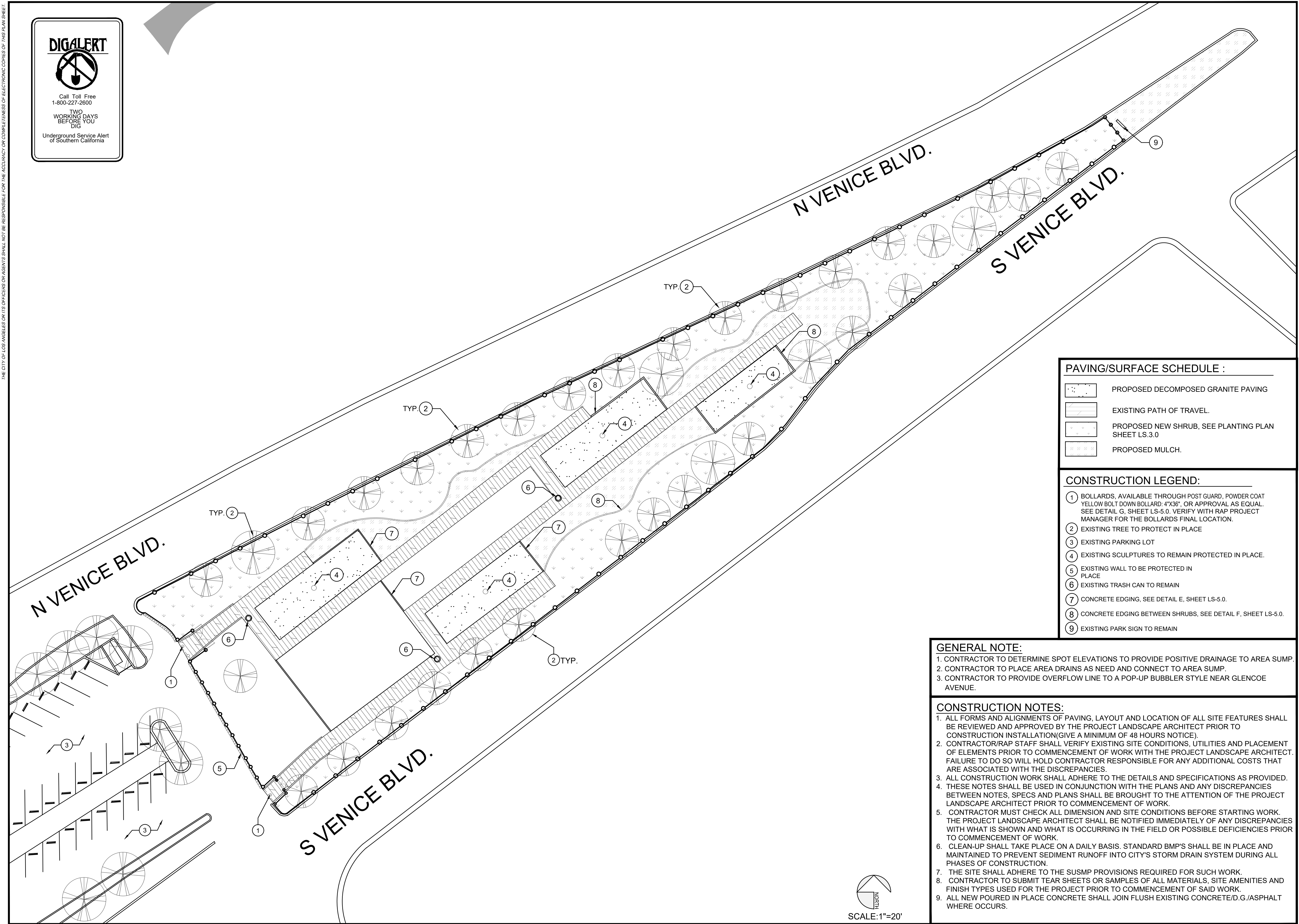
THE CITY OF LOS ANGELES
 DEPARTMENT OF RECREATION AND PARKS
 GENERAL MANAGER: JIMMY KIM
 SUPERINTENDENT: DARRYL FORD
 PROJECT LANDSCAPE ARCHITECT: CA048888
 PROJECT ENGINEER: CA048888
 LICENSE NO. 4892
 DATE:



PROJECT NAME:
**VENICE OF AMERICA
 CENTENNIAL PARK COMPLEX**
 ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS:	DATE:

PLAN NAME: CALLOUT PLAN	
DRAWN BY: YY:P	APPROVED BY: CR
SCALE: 1"=20'	ISSUE DATE: 02/2023
PRJ # 21638	FILE NO.
DRAWING NO. LS-2.0	
SHEET 7 OF 14 SHEETS	



PAVING/SURFACE SCHEDULE :

- PROPOSED DECOMPOSED GRANITE PAVING
- EXISTING PATH OF TRAVEL.
- PROPOSED NEW SHRUB, SEE PLANTING PLAN SHEET LS.3.0
- PROPOSED MULCH.

CONSTRUCTION LEGEND:

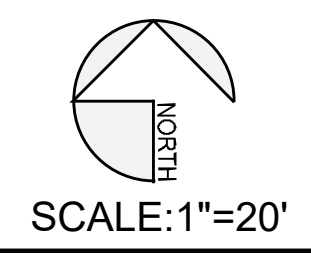
- 1 BOLLARDS, AVAILABLE THROUGH POST GUARD, POWDER COAT YELLOW BOLT DOWN BOLLARD: 4"X36", OR APPROVAL AS EQUAL. SEE DETAIL G, SHEET LS-5.0. VERIFY WITH RAP PROJECT MANAGER FOR THE BOLLARDS FINAL LOCATION.
- 2 EXISTING TREE TO PROTECT IN PLACE
- 3 EXISTING PARKING LOT
- 4 EXISTING SCULPTURES TO REMAIN PROTECTED IN PLACE.
- 5 EXISTING WALL TO BE PROTECTED IN PLACE
- 6 EXISTING TRASH CAN TO REMAIN
- 7 CONCRETE EDGING, SEE DETAIL E, SHEET LS-5.0.
- 8 CONCRETE EDGING BETWEEN SHRUBS, SEE DETAIL F, SHEET LS-5.0.
- 9 EXISTING PARK SIGN TO REMAIN

GENERAL NOTE:

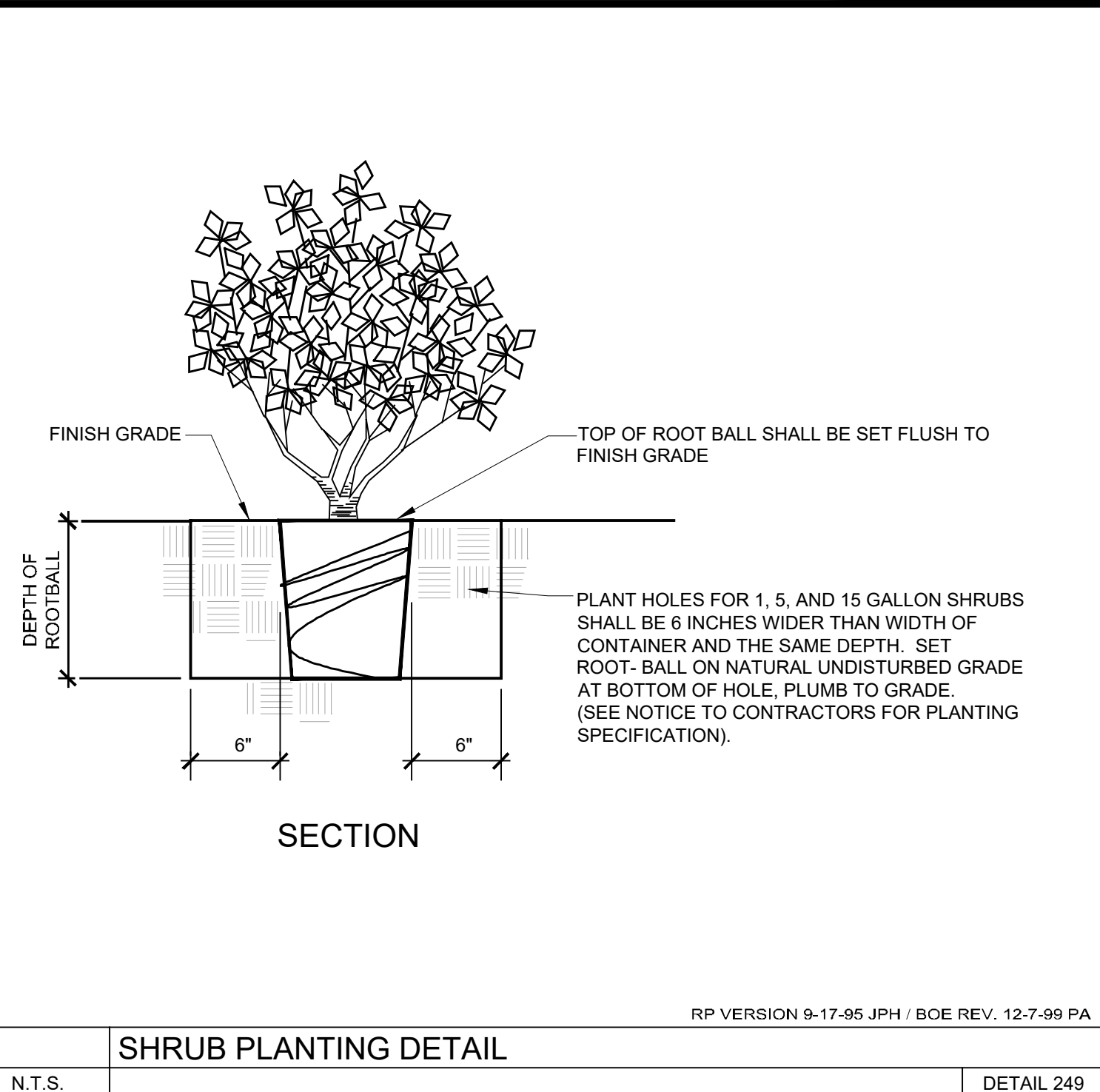
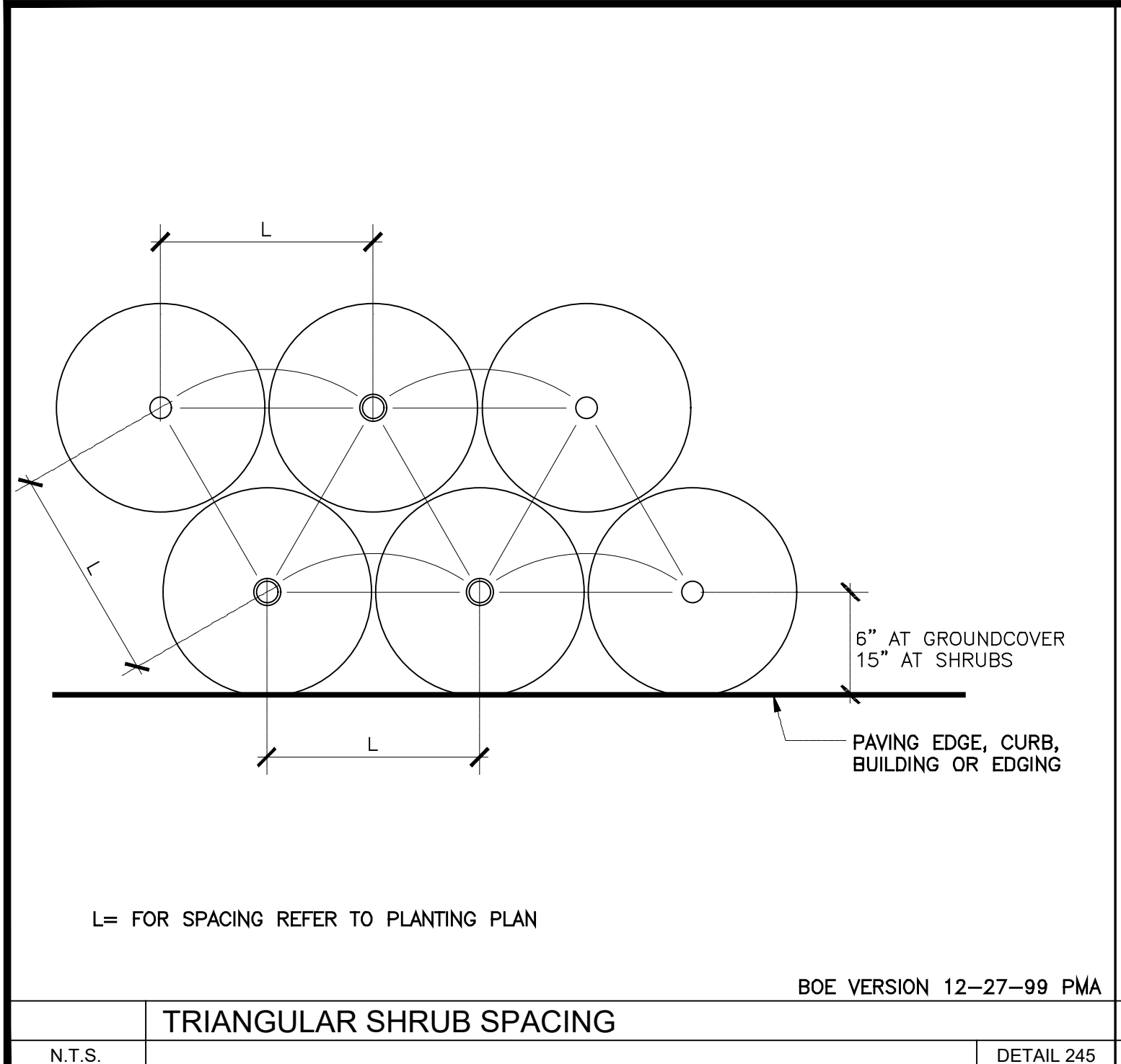
1. CONTRACTOR TO DETERMINE SPOT ELEVATIONS TO PROVIDE POSITIVE DRAINAGE TO AREA SUMP.
2. CONTRACTOR TO PLACE AREA DRAINS AS NEED AND CONNECT TO AREA SUMP.
3. CONTRACTOR TO PROVIDE OVERFLOW LINE TO A POP-UP BUBBLER STYLE NEAR GLENCOE AVENUE.

CONSTRUCTION NOTES:

1. ALL FORMS AND ALIGNMENTS OF PAVING, LAYOUT AND LOCATION OF ALL SITE FEATURES SHALL BE REVIEWED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION INSTALLATION(GIVE A MINIMUM OF 48 HOURS NOTICE).
2. CONTRACTOR/RAP STAFF SHALL VERIFY EXISTING SITE CONDITIONS, UTILITIES AND PLACEMENT OF ELEMENTS PRIOR TO COMMENCEMENT OF WORK WITH THE PROJECT LANDSCAPE ARCHITECT. FAILURE TO DO SO WILL HOLD CONTRACTOR RESPONSIBLE FOR ANY ADDITIONAL COSTS THAT ARE ASSOCIATED WITH THE DISCREPANCIES.
3. ALL CONSTRUCTION WORK SHALL ADHERE TO THE DETAILS AND SPECIFICATIONS AS PROVIDED.
4. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES BETWEEN NOTES, SPECS AND PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE PROJECT LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
5. CONTRACTOR MUST CHECK ALL DIMENSION AND SITE CONDITIONS BEFORE STARTING WORK. THE PROJECT LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES WITH WHAT IS SHOWN AND WHAT IS OCCURRING IN THE FIELD OR POSSIBLE DEFICIENCIES PRIOR TO COMMENCEMENT OF WORK.
6. CLEAN-UP SHALL TAKE PLACE ON A DAILY BASIS. STANDARD BMP'S SHALL BE IN PLACE AND MAINTAINED TO PREVENT SEDIMENT RUNOFF INTO CITY'S STORM DRAIN SYSTEM DURING ALL PHASES OF CONSTRUCTION.
7. THE SITE SHALL ADHERE TO THE SUSMP PROVISIONS REQUIRED FOR SUCH WORK.
8. CONTRACTOR TO SUBMIT TEAR SHEETS OR SAMPLES OF ALL MATERIALS, SITE AMENITIES AND FINISH TYPES USED FOR THE PROJECT PRIOR TO COMMENCEMENT OF SAID WORK.
9. ALL NEW POURED IN PLACE CONCRETE SHALL JOIN FLUSH EXISTING CONCRETE/D.G./ASPHALT WHERE OCCURS.



THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



SYMBLE	BOTANICAL NAME	COMMON NAME	SIZE	SPC COLUMN	QUANTITY	RESOURCE
(a)	Agave attenuata	Foxtail	5 Gal.	4.5'	309	San Marcos Nursery or approved equal
(b)	Epilobium canum ssp. canum	California Fuchsia	3 Gal.	2'	1410	San Marcos Nursery or approved equal

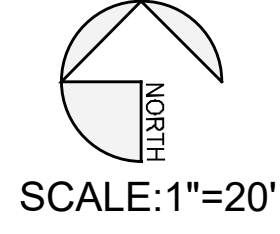
EXISTING TREES TO REMAIN PROTECTING IN PLACE

DIGALERT

Call Toll Free
1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

Underground Service Alert of Southern California



SCALE: 1"=20'

N VENICE BLVD.

S VENICE BLVD.

N VENICE BLVD.

S VENICE BLVD.

PLANTING NOTES

- THE CONTRACTOR IS TO PROVIDE FOR SOIL AGRONOMIC TESTS FOR PLANTING AREAS. THE CONTRACTOR MUST SEND SAMPLES TO THE APPROVED SOIL TESTING LAB. USE FINDS TO DETERMINE FERTILIZER AND TOPSOIL MIX.**
- THE PLANS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY THE PROJECT ENGINEER/LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE START OF WORK.
 - CLEARING AND GRUBBING
THE CONTRACTOR SHALL CLEAR AND GRUB ALL IMPROVEMENT AREAS PRIOR TO THE INSTALLATION OF THE IRRIGATION SYSTEM. SEE SPECIFICATIONS.
 - TOPSOIL/SOILS REPORT
THE CONTRACTOR SHALL OBTAIN AN AGRICULTURAL SUITABILITY REPORT FOR THE ON-SITE SOIL. TAKE A MINIMUM OF 3 TEST SAMPLES AS DIRECTED BY THE CITY LANDSCAPE ARCHITECT, PRIOR TO THE INSTALLATION OF IRRIGATION AND PLANTING. THE RECOMMENDATIONS FOR SOIL AMENDMENTS FROM THE REPORT SHALL BE FOLLOWED IF THEY DIFFER FROM THE ONES GIVEN IN THESE PLANTING NOTES. IF IMPORTED SOIL IS REQUIRED, IT SHALL BE CLASS 'A' SOIL OBTAINED FROM A SOURCE DESIGNATED BY THE CONTRACTOR AND APPROVED BY THE CITY LANDSCAPE ARCHITECT. CONTRACTOR SHALL GUARANTEE THE QUALITY OF THE TOPSOIL WITH AN APPROVED AGRICULTURAL SUITABILITY EVALUATION REPORT. SUBMIT THE EVALUATION REPORT TO THE CITY LANDSCAPE ARCHITECT FOR APPROVAL 30 DAYS PRIOR TO ANY SOIL PLACEMENT.
 - PROTECTION OF EXISTING TREES
THE CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING TREES AS NOTED ON THE PLANS OR AS DIRECTED BY THE CITY ENGINEER/LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL NOT STORE ANY CONSTRUCTION MATERIALS INCLUDING EQUIPMENT OR EXCAVATED SOILS NOR OPERATE ANY MACHINERY THAT MIGHT COMPACT THE EXISTING SOIL WITHIN THE DRIP LINE OF THE TREE'S CANOPY. THE CONTRACTOR SHALL PROVIDE IRRIGATION AND MAINTENANCE TO ALL PLANT MATERIALS THAT ARE TO REMAIN UNDISTURBED. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE IN SIZE, KIND, AND TO THE SATISFACTION OF THE CITY ENGINEER/LANDSCAPE ARCHITECT ANY EXISTING PLANT MATERIAL THAT IS TO BE PROTECTED AND IS DAMAGED DURING THE CONSTRUCTION PERIOD.
 - WEED ABATEMENT
THE CONTRACTOR SHALL SUBMIT A WEED ABATEMENT PROGRAM TO THE CITY ENGINEER/LANDSCAPE ARCHITECT FOR APPROVAL 30 DAYS PRIOR TO THE START OF PLANTING OPERATIONS. NO PLANTING OPERATIONS WILL BE ALLOWED UNTIL ALL PLANTING AREAS ARE CLEARED OF WEEDS IN ACCORDANCE WITH THE WEED ABATEMENT PROGRAM AND TO THE SATISFACTION OF THE CITY ENGINEER/LANDSCAPE ARCHITECT. MAINTAIN ALL PLANTING AREAS FREE OF WEEDS FOR THE DURATION OF THE CONTRACT.
 - PLANT LAYOUT
THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER 48 HOURS PRIOR TO PLANTING OPERATIONS TO CONFIRM THE LOCATION OF PLANT MATERIALS. LOCATIONS AND QUANTITIES OF PLANT MATERIALS ON THE PLANS ARE APPROXIMATE AND ARE PROVIDED TO SHOW GENERAL INTENT. PLANT LOCATION ADJUSTMENTS SHALL BE PERFORMED BY THE CONTRACTOR AS DIRECTED BY THE CITY ENGINEER/LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE CITY.

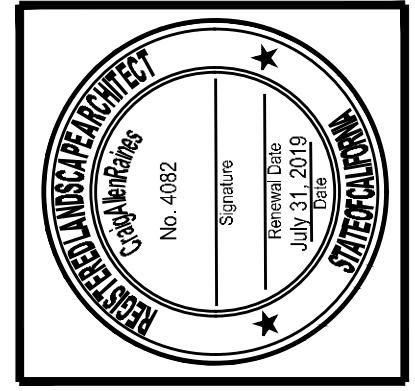
- SOIL CONDITIONING (OPTIONAL, BASE ON THE SOIL TEST FINDS.)
ALL PLANTING AREAS SHALL HAVE THE FOLLOWING AMENDMENTS TILLED INTO THE TOP 6" OF THE SOIL PER 1000 SQUARE FEET:
A. THREE (3) CUBIC YARDS OF NITROGEN FORTIFIED WOOD COMPOST (TYPE 1 ORGANIC SOIL AMENDMENT).
B. TWO (2) CUBIC YARDS OF ORGANIC FERTILIZER (TYPE 2 ORGANIC SOIL AMENDMENT).
C. 100 POUNDS OF AGRICULTURAL GYPSUM.
D. 20 POUNDS OF 12-12-12 QUICK RELEASE COMMERCIAL FERTILIZER THESE QUANTITIES ARE FOR BID BASIS ONLY. REFER TO SOILS REPORTS FOR FINAL QUANTITIES (SEE SPECIFICATIONS).
- BACKFILL MIX
ALL PLANTING HOLES, EXCLUDING PLANTING HOLES SMALLER THAN 1 GALLON SHALL HAVE THE FOLLOWING BACKFILL MIXTURE:
70% EXISTING TOPSOIL (OPTIONAL, BASE ON THE SOIL TEST FINDS.)
30% NITROGEN FORTIFIED WOOD COMPOST (TYPE 1 ORGANIC SOIL AMENDMENT) (FOR AZALEAS, SUBSTITUTE 30% PEAT MOSS)
2 POUNDS PER CUBIC YARD OF IRON SULFATE AND THE FOLLOWING AMOUNT OF PLANTING TABLETS:
15 GAL. PLANT = FIVE (5) TABLETS
5 GAL. PLANT = THREE (3) TABLETS
1 GAL. PLANT = ONE (1) TABLET
ONE (1) TABLET PER 4" BOX SIZE
- MULCH
APPLY 1" OF TYPE 5 MULCH IN ALL PLANTING AREAS.
- FERTILIZER (OPTIONAL, BASE ON THE SOIL TEST FINDS.)
THE CONTRACTOR SHALL APPLY AN 8-8-4 COMMERCIAL SLOW RELEASE FERTILIZER TO ALL PLANTING AREAS AT A RATE OF 20 POUNDS PER 1000 SQUARE FEET UPON COMPLETION OF THE GROUND COVER PLANTING AND AT THIRTY DAY INTERVALS THEREAFTER UNTIL THE END OF THE PLANT ESTABLISHMENT PERIOD. THOROUGHLY WATER ALL PLANTING AREAS FOLLOWING THE APPLICATION OF THE FERTILIZER. ALL FERTILIZER APPLICATIONS SHALL BE PERFORMED UNDER INSPECTION BY A REPRESENTATIVE FROM THE BUREAU OF CONTRACT ADMINISTRATION.
- PLANT REPLACEMENT
THE CONTRACTOR SHALL REPLACE AS SOON AS POSSIBLE, ANY PLANT THAT SHOWS SIGNS OF FAILURE TO GROW AT ANY TIME DURING THE CONTRACT PERIOD OR THOSE PLANTS THAT ARE INJURED OR SO DAMAGED AS TO RENDER THEM UNSUITABLE FOR THE PURPOSE INTENDED. PROVIDE REPLACEMENT PLANTS OF THE SAME TYPE AND SIZE, AND INSTALL THEM PER THE PLANTING SPECIFICATION.
- PLANT ESTABLISHMENT PERIOD
THE PLANT ESTABLISHMENT PERIOD SHALL BE FOR A PERIOD OF 120 DAYS UNLESS EXTENDED AS DESCRIBED IN THIS SECTION. SEE SP-0.3 MAINTENANCE AND PLANT ESTABLISHMENT PARAGRAPH 2.
- RESTORATION OF DAMAGED AREAS
THE CONTRACTOR SHALL RESTORE ALL LANDSCAPED AREAS TO THEIR ORIGINAL CONDITION THAT ARE NOT SPECIFICALLY PROVIDED FOR BY THESE PLANS, BUT HAVE BEEN IMPACTED BY CONSTRUCTION. PROVIDE ALL NECESSARY MATERIAL, INCLUDING IRRIGATION EQUIPMENT, SOIL, SOIL AMENDMENTS, PLANTS OF THE SAME SPECIES, KINDS, AND SIZED, ETC. TO THE SATISFACTION OF THE CITY ENGINEER AND THE CITY LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE CITY.
- GUARANTEES
THE CONTRACTOR SHALL WARRANT ALL TREES 15 GALLON AND LARGER FOR ONE YEAR AND ALL SHRUBS SHALL BE WARRANTED FOR A PERIOD OF SIX MONTHS. THE WARRANTY PERIOD SHALL BEGIN UPON THE DATE OF THE FINAL POST MAINTENANCE ACCEPTANCE. THIS WARRANTY DOES NOT INCLUDE ITEMS DAMAGED DUE TO THE CITY'S NEGLIGENCE AND/OR TO ACTS OF GOD.
- INSPECTIONS
ALL WORK AND MATERIALS ARE SUBJECT TO INSPECTION AND APPROVAL IN ADDITION TO INSPECTIONS REQUIRED BY THE STANDARD PLANS SPECIFICATIONS. THE FOLLOWING INSPECTIONS ARE REQUIRED:
-IRRIGATION SYSTEM PRESSURE TESTING
-IRRIGATION COVERAGE TEST
-IRRIGATION SYSTEM OPERATIONS TEST
*TAGGING OF PLANT MATERIAL 15 GALLON AND LARGER AT THEIR SOURCE.
*APPROVAL OF ALL PLANT MATERIAL AT THE SITE PRIOR TO PLANTING OPERATIONS.
*CONFIRMATION AND APPROVAL OF PLANT MATERIAL LOCATION AND SPACING PRIOR TO PLANTING.
*PRE-MAINTENANCE FINAL LANDSCAPE INSPECTION.
*POST-MAINTENANCE FINAL LANDSCAPE INSPECTION.
- RECYCLING
THE CONTRACTOR SHALL RECYCLE ON-OR OFF-SITE ALL VEGETATIVE WASTE (PER SECTION 12.43 OF LAMC).



THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS

GENERAL MANAGER: JIMMY KIM
SUPERINTENDENT: DARRYL FORD

PROJECT LANDSCAPE ARCHITECT: CHAS BARBER
PROJECT ENGINEER: _____
DATE: _____



PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX

ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS:	DATE:
△	
△	
△	
△	
△	

PLAN NAME:
PLANTING PLAN & DETAILS

DRAWN BY: YYP
APPROVED BY: CR

SCALE: 1"=20'
ISSUE DATE: 02/2023

PRJ # 21638
FILE NO. _____

DRAWING NO.
LS-3.0

SHEET 9 OF 14 SHEETS

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

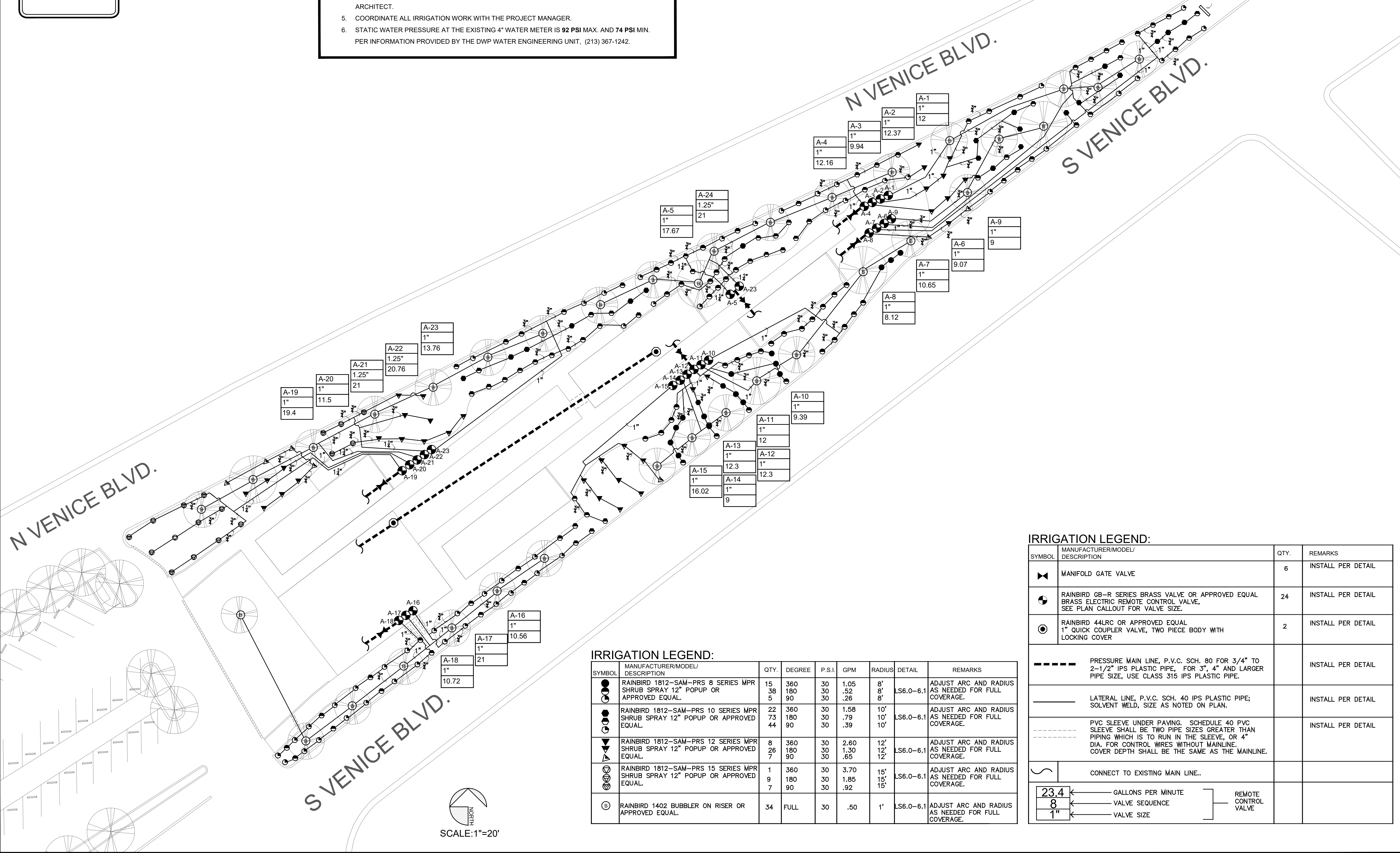
DIGALERT

Call Toll Free
1-800-227-2600

TWO
WORKING DAYS
BEFORE YOU
DIG

Underground Service Alert
of Southern California

- IRRIGATION NOTES:**
1. THE IRRIGATION PLAN IS DIAGRAMMATIC- VERIFY LOCATION OF ALL EQUIPMENT WITH RAP STAFF.
 2. FOR THE EXISTING SOD AREA WITH EXISTING IRRIGATION SYSTEM, PROTECT AND KEEP IN PLACE.
 3. ALL IRRIGATION COMPONENT SHOULD BE PROVIDED BY RAIN BIRD.
 4. INSTALLER SHALL PROVIDE 100% HEAD TO HEAD COVERAGE AND SHALL ADJUST ROTOR AND SIDE STRIP RADII AS NEEDED TO MINIMIZE OVER SPRAY INTO ANY/ALL PATHWAYS. PROVIDE COVERAGE TEST TO BE PERFORMED IN THE PRESENCE OF THE RAP PROJECT LANDSCAPE ARCHITECT.
 5. COORDINATE ALL IRRIGATION WORK WITH THE PROJECT MANAGER.
 6. STATIC WATER PRESSURE AT THE EXISTING 4" WATER METER IS **92 PSI** MAX. AND **74 PSI** MIN. PER INFORMATION PROVIDED BY THE DWP WATER ENGINEERING UNIT, (213) 367-1242.



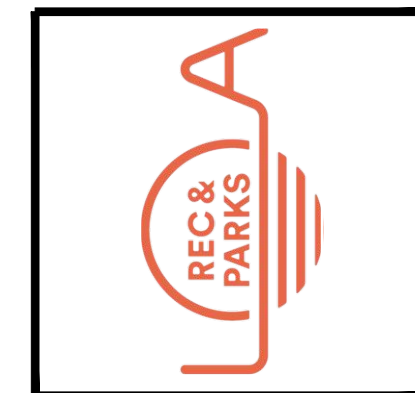
IRRIGATION LEGEND:

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY.	DEGREE	P.S.I.	GPM	RADIUS	DETAIL	REMARKS
●	RAINBIRD 1812-SAM-PRS 8 SERIES MPR SHRUB SPRAY 12" POPUP OR APPROVED EQUAL.	15	360	30	1.05	8'	LS6.0-6.1	ADJUST ARC AND RADIUS AS NEEDED FOR FULL COVERAGE.
●	RAINBIRD 1812-SAM-PRS 10 SERIES MPR SHRUB SPRAY 12" POPUP OR APPROVED EQUAL.	22	360	30	1.58	10'	LS6.0-6.1	ADJUST ARC AND RADIUS AS NEEDED FOR FULL COVERAGE.
●	RAINBIRD 1812-SAM-PRS 12 SERIES MPR SHRUB SPRAY 12" POPUP OR APPROVED EQUAL.	73	180	30	.79	10'	LS6.0-6.1	ADJUST ARC AND RADIUS AS NEEDED FOR FULL COVERAGE.
●	RAINBIRD 1812-SAM-PRS 15 SERIES MPR SHRUB SPRAY 12" POPUP OR APPROVED EQUAL.	1	360	30	3.70	15'	LS6.0-6.1	ADJUST ARC AND RADIUS AS NEEDED FOR FULL COVERAGE.
●	RAINBIRD 1402 BUBBLER ON RISER OR APPROVED EQUAL.	34	FULL	30	.50	1'	LS6.0-6.1	ADJUST ARC AND RADIUS AS NEEDED FOR FULL COVERAGE.

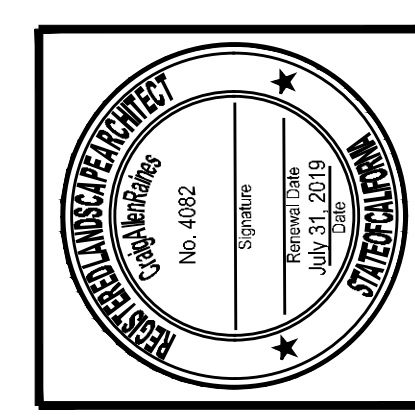
IRRIGATION LEGEND:

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY.	REMARKS
⊘	MANIFOLD GATE VALVE	6	INSTALL PER DETAIL
⊙	RAINBIRD GB-R SERIES BRASS VALVE OR APPROVED EQUAL BRASS ELECTRIC REMOTE CONTROL VALVE, SEE PLAN CALLOUT FOR VALVE SIZE.	24	INSTALL PER DETAIL
⊚	RAINBIRD 44LRC OR APPROVED EQUAL 1" QUICK COUPLER VALVE, TWO PIECE BODY WITH LOCKING COVER	2	INSTALL PER DETAIL
---	PRESSURE MAIN LINE, P.V.C. SCH. 80 FOR 3/4" TO 2-1/2" IPS PLASTIC PIPE, FOR 3", 4" AND LARGER PIPE SIZE, USE CLASS 315 IPS PLASTIC PIPE.		INSTALL PER DETAIL
---	LATERAL LINE, P.V.C. SCH. 40 IPS PLASTIC PIPE; SOLVENT WELD, SIZE AS NOTED ON PLAN.		INSTALL PER DETAIL
---	PVC SLEEVE UNDER PAVING. SCHEDULE 40 PVC SLEEVE SHALL BE TWO PIPE SIZES GREATER THAN PIPING WHICH IS TO RUN IN THE SLEEVE, OR 4" DIA. FOR CONTROL WIRES WITHOUT MAINLINE. COVER DEPTH SHALL BE THE SAME AS THE MAINLINE.		INSTALL PER DETAIL
---	CONNECT TO EXISTING MAIN LINE..		

23.4	← GALLONS PER MINUTE	} REMOTE CONTROL VALVE
8	← VALVE SEQUENCE	
1"	← VALVE SIZE	



THE CITY OF LOS ANGELES
 DEPARTMENT OF RECREATION AND PARKS
 SUPERINTENDENT: DARRYL FORD
 GENERAL MANAGER: JIMMY KIM
 PROJECT ARCHITECT: CHASE BARNES
 PROJECT ENGINEER:
 AS-BUILT DRAWN BY:



PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX
 ADDRESS:
 501 S Venice Blvd, Venice, CA 90291

REVISIONS: DATE:

PLAN NAME:
IRRIGATION PLAN

DRAWN BY: IVP
APPROVED BY: CR

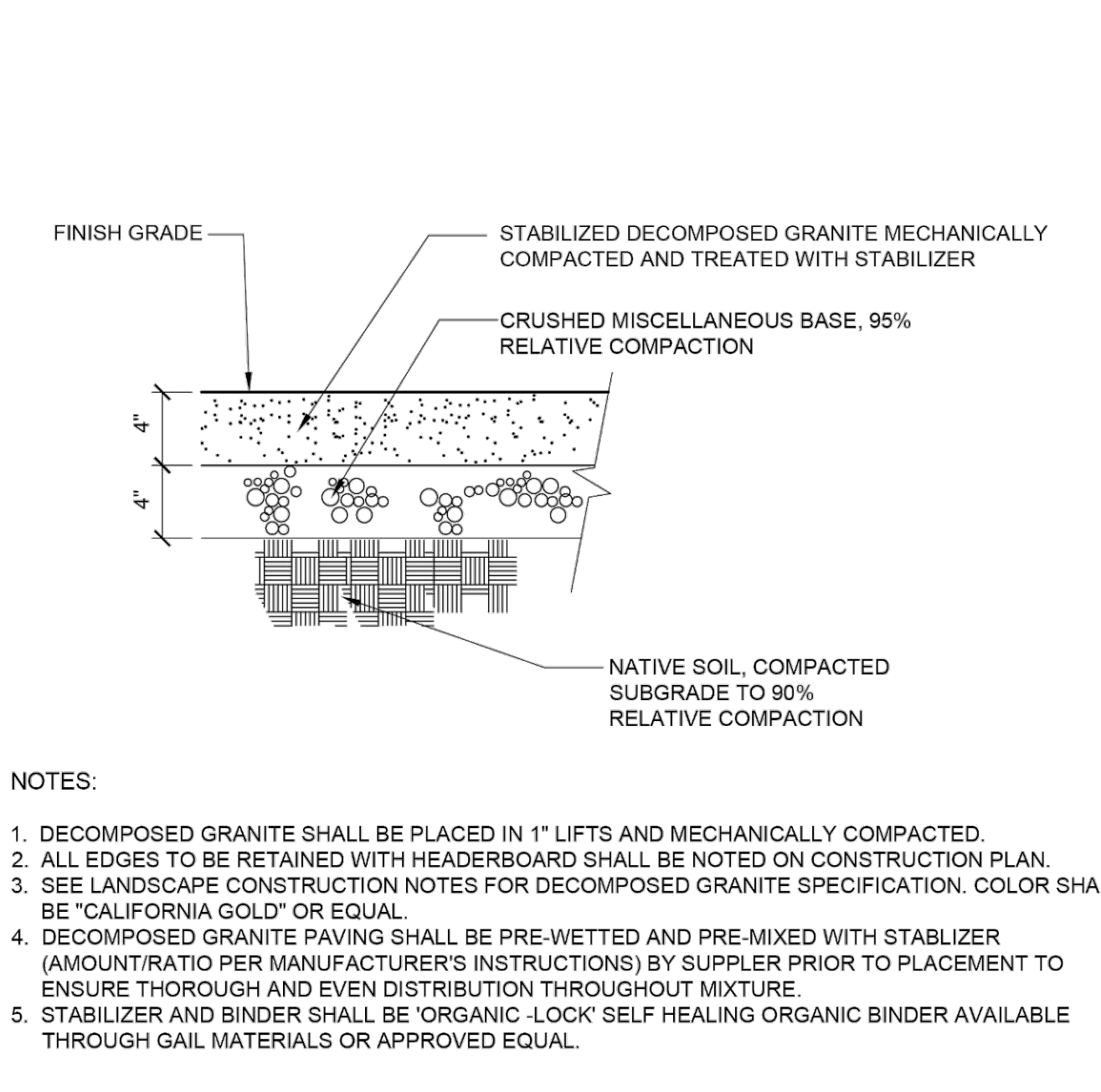
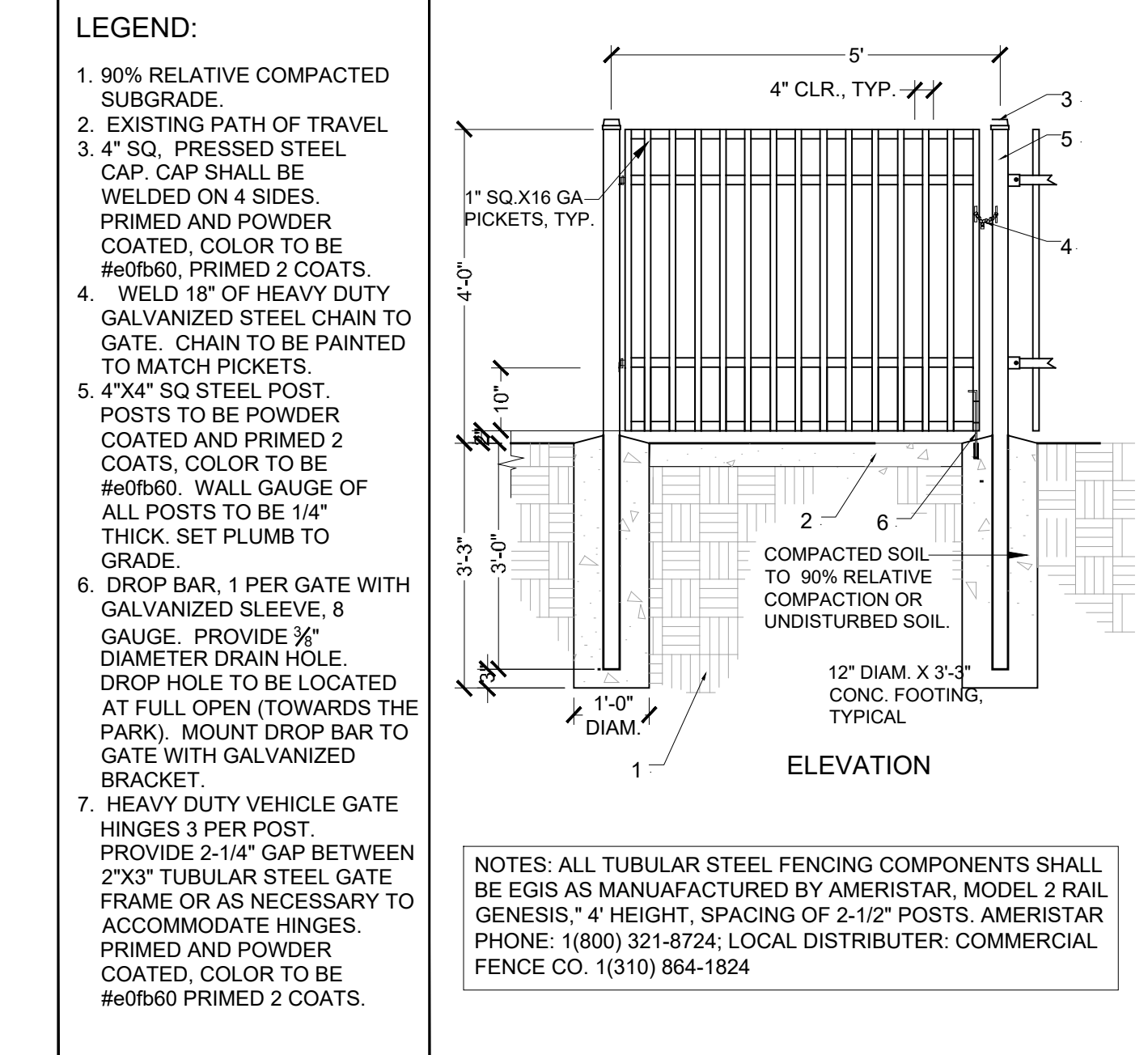
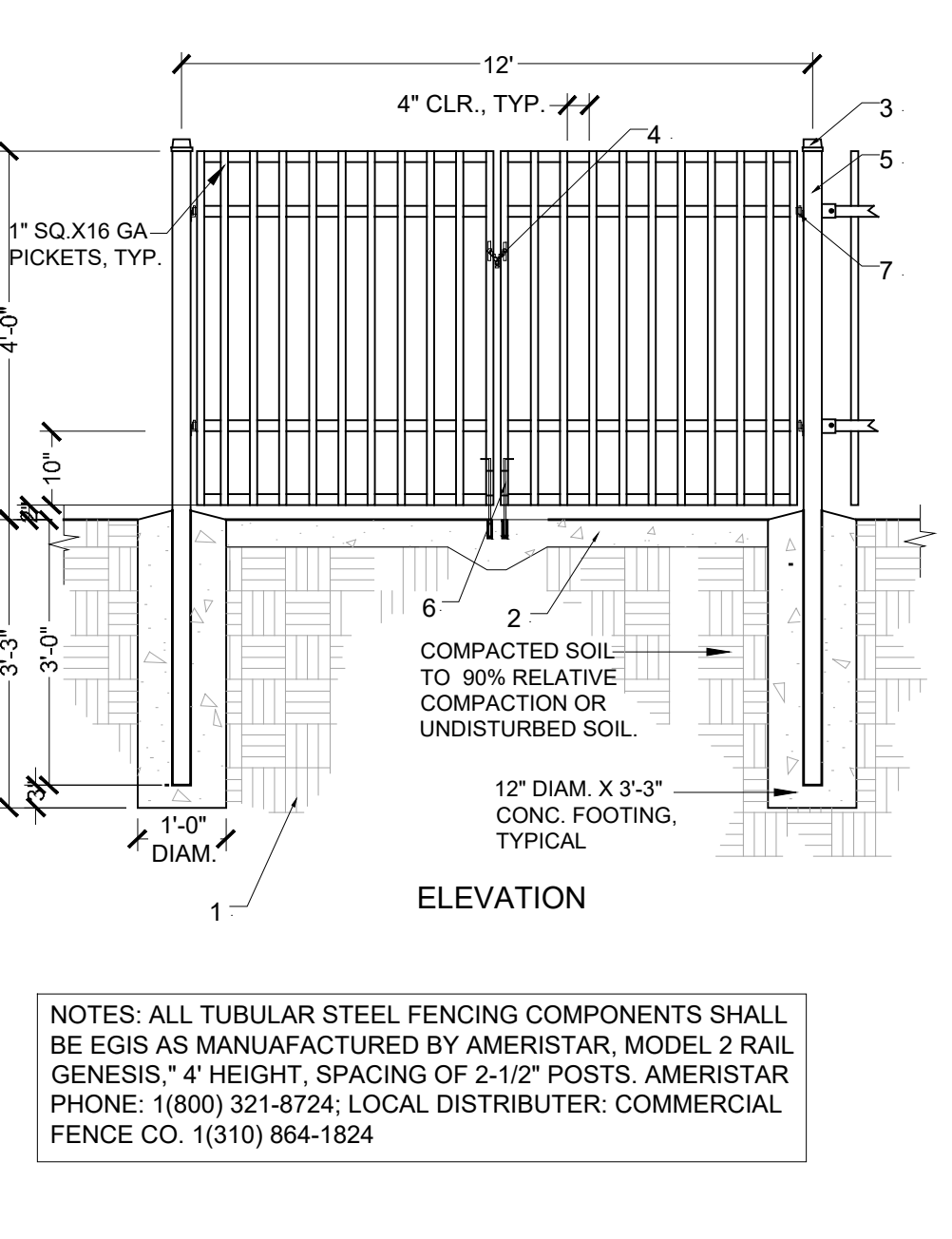
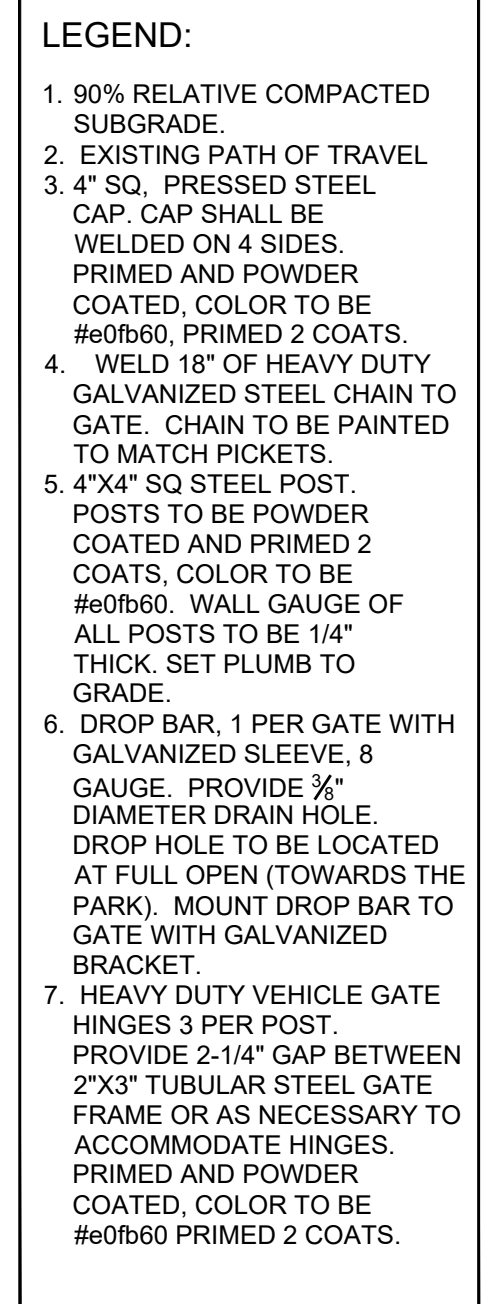
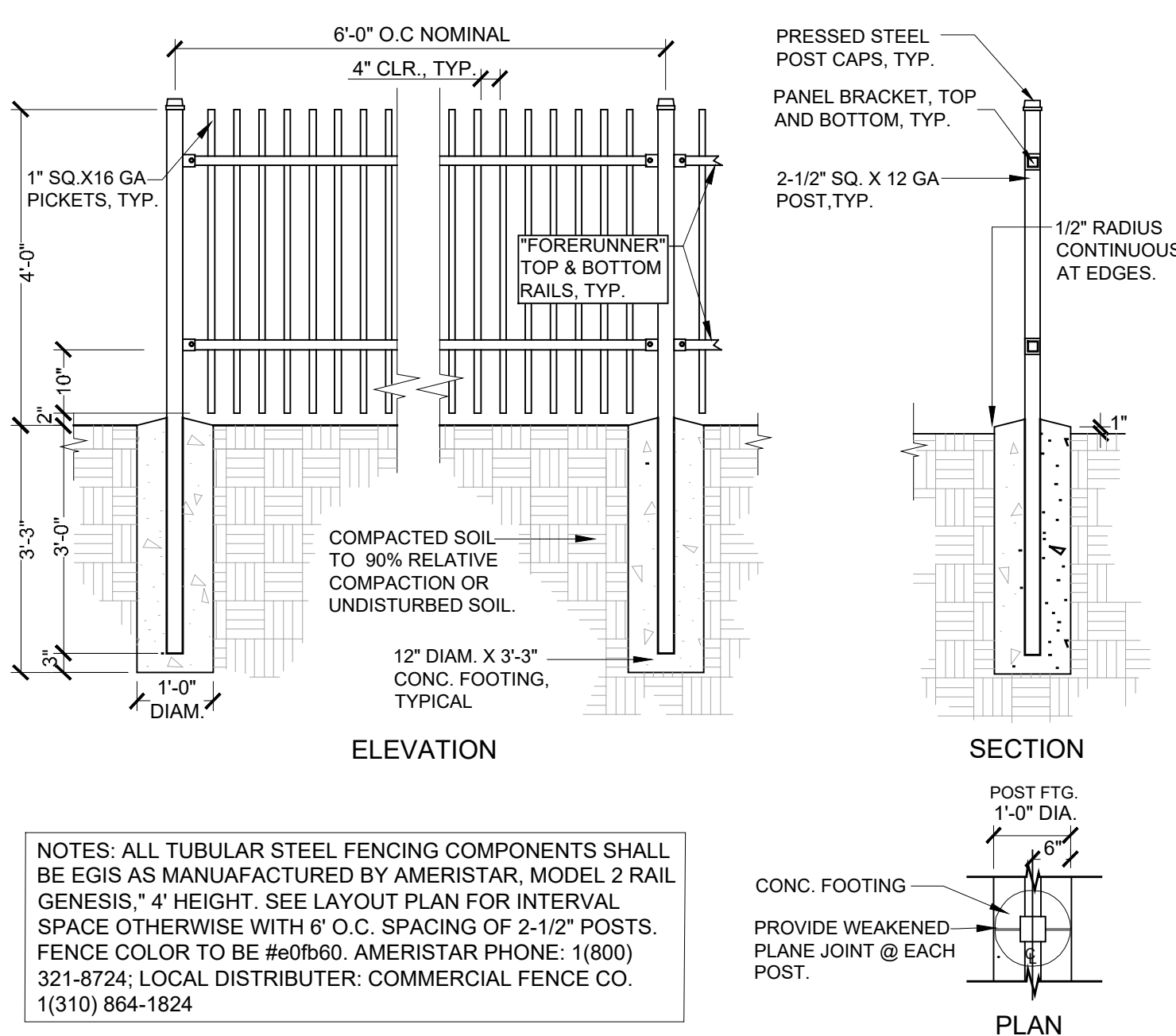
SCALE: 1"=20'
ISSUE DATE: 02/2023

PRJ # 21638
FILE NO.

DRAWING NO.
LS 4.0

SHEET 10 OF 14 SHEETS

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

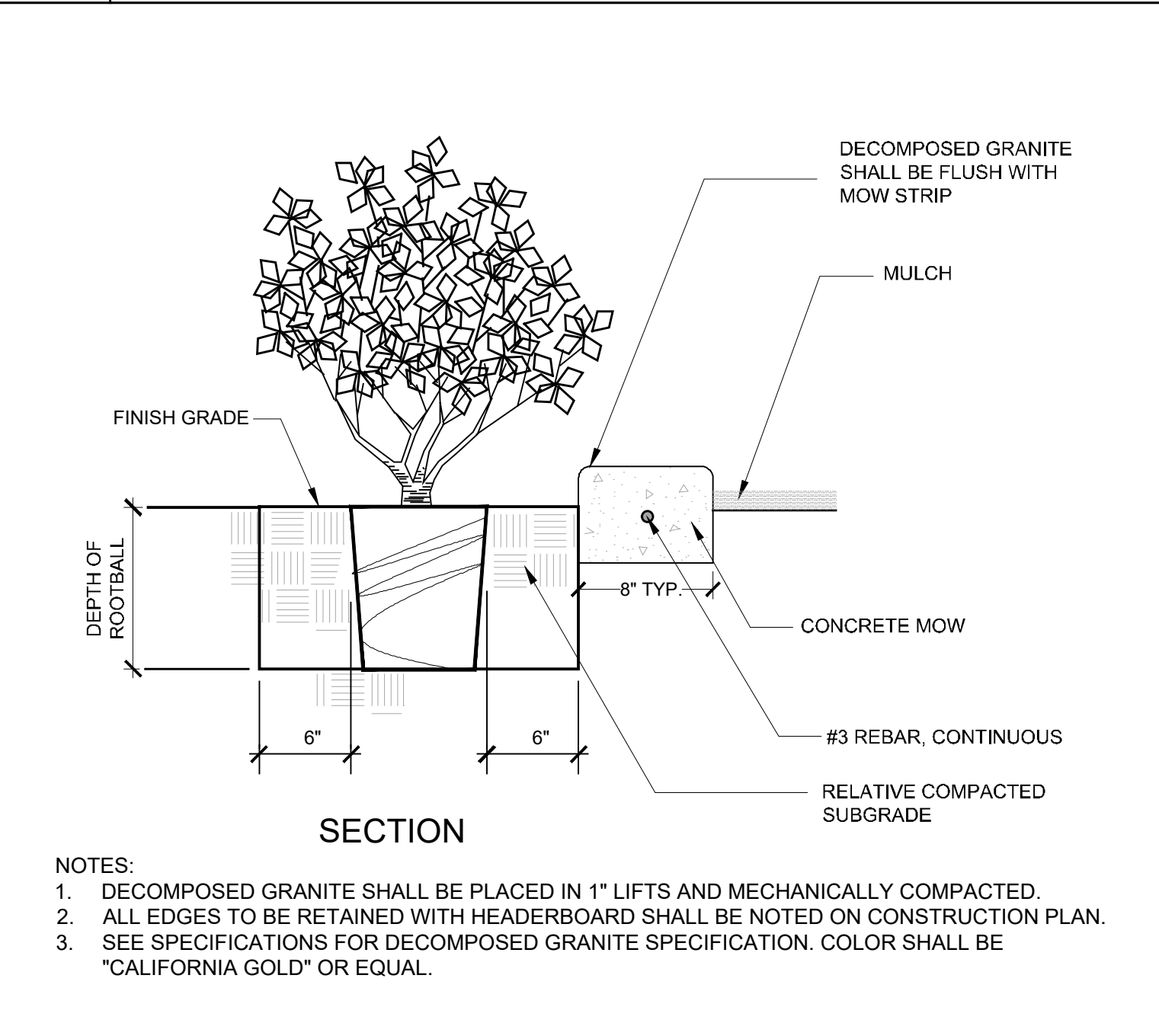
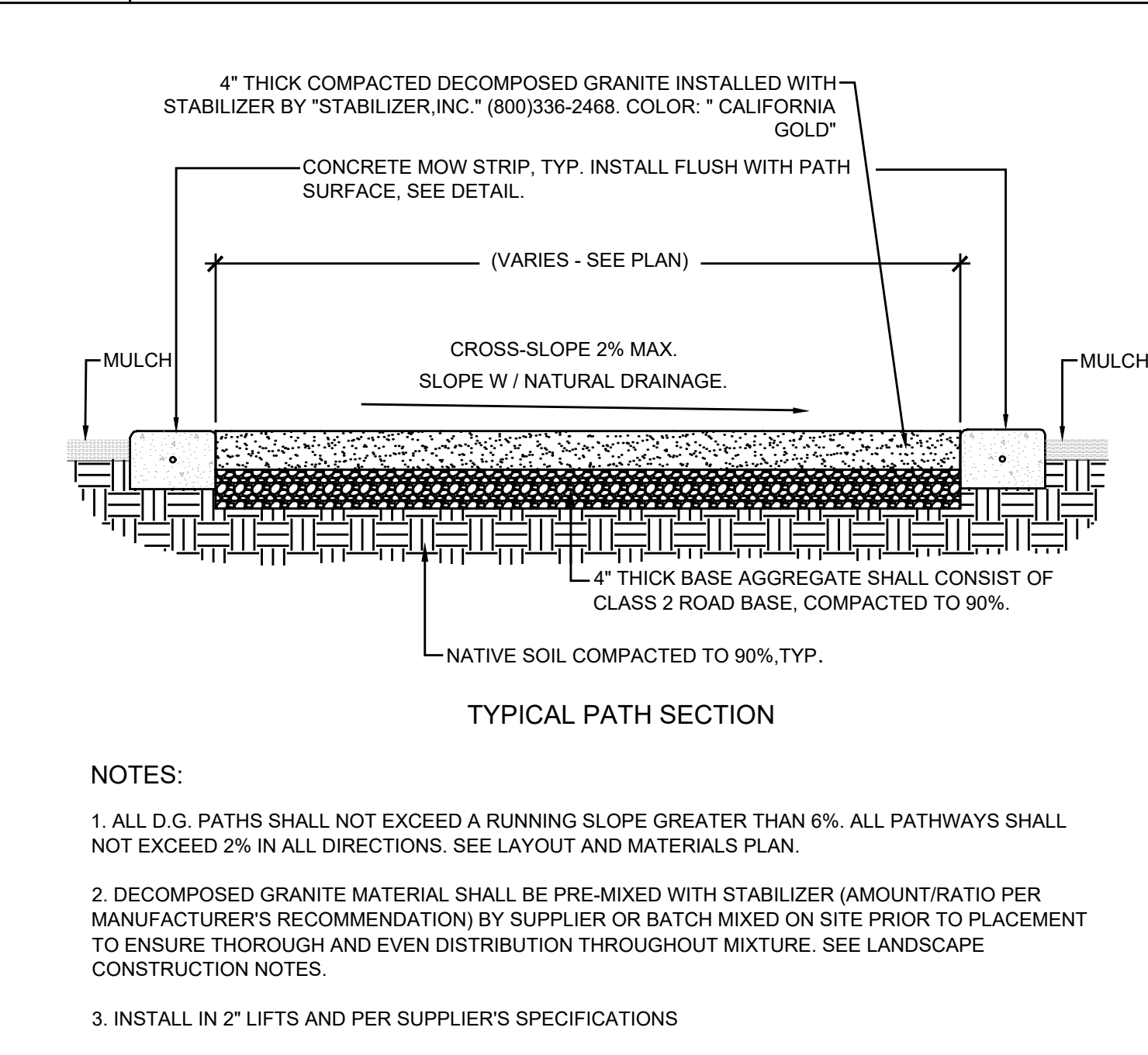


A 4' TUBULAR STEEL FENCE (NA)
N.T.S.

B 4' TALL DOUBLE SWING VEHICLE GATE (NA)
N.T.S.

C 4' TALL DOUBLE SWING PEDESTRIAN GATE (NA)
N.T.S.

D DECOMPOSED GRANITE ON BASE
N.T.S.



POST GUARD
37525 INTERCHANGE DR.
FARMINGTON HILLS, MI 48335
TOLL FREE: 1-866-737-8900
PHONE: (248) 354-4090
FAX: (248) 354-4095
www.postguard.com

PRODUCT	A DIAMETER	B HEIGHT	C BASE WIDTH	D BASE LENGTH	E BASE THICKNESS
4" X 36"	4"	36"	8"	6"	1/2"

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 3384-021.

VENICE OF AMERICA CENTENNIAL PARK COMPLEX
501 S Venice Blvd, Venice, CA 90291

PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX
ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS: DATE:
 △
 △
 △
 △
 △

PLAN NAME:
CONSTRUCTION DETAILS

DRAWN BY: YY.P
APPROVED BY: CR

SCALE: ISSUE DATE: 02/2022

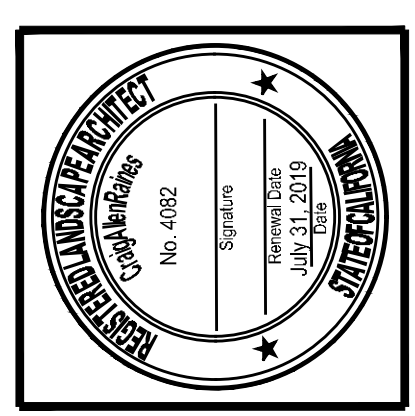
PRJ # 21638 FILE NO.

DRAWING NO. LS-5.0

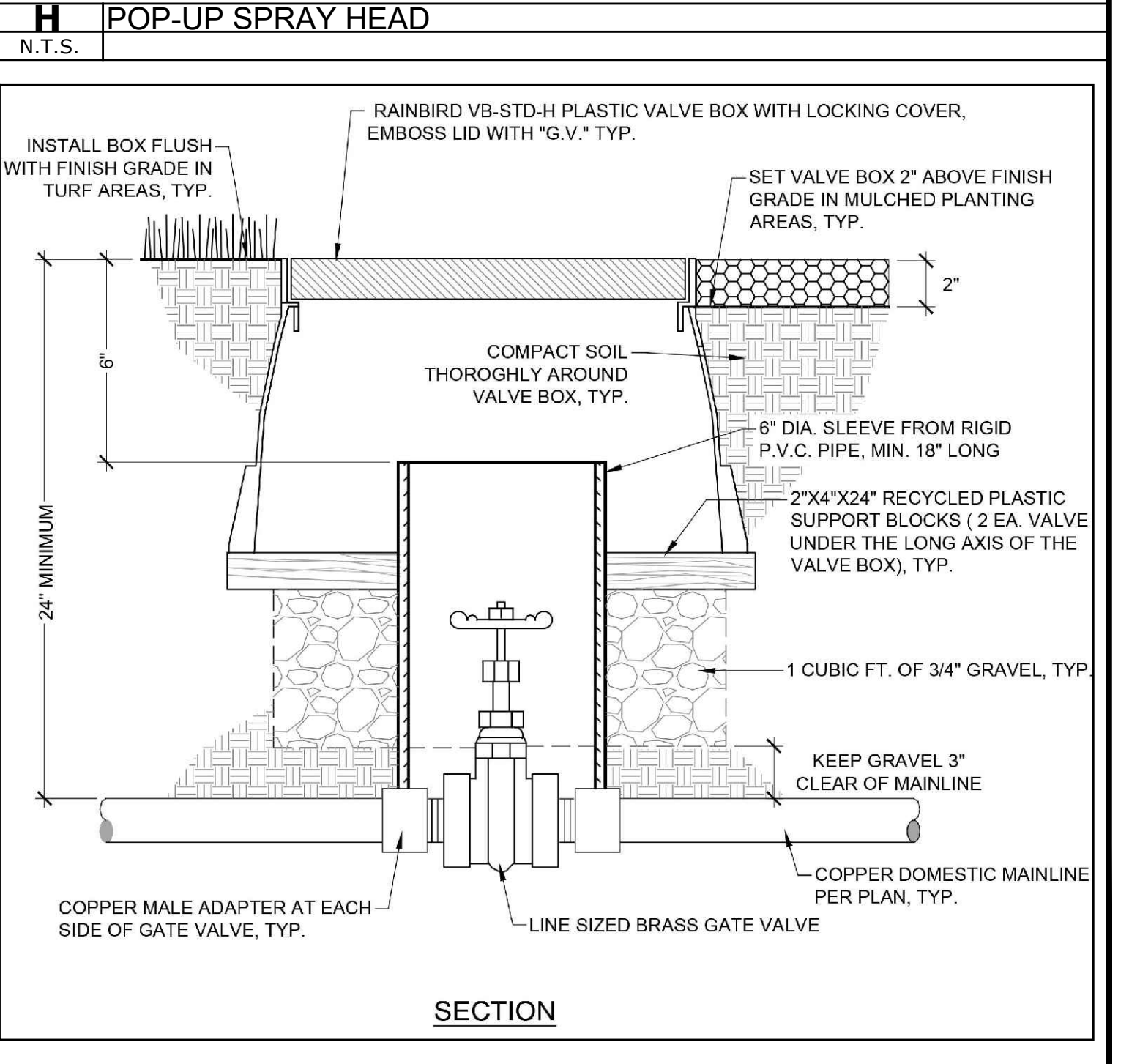
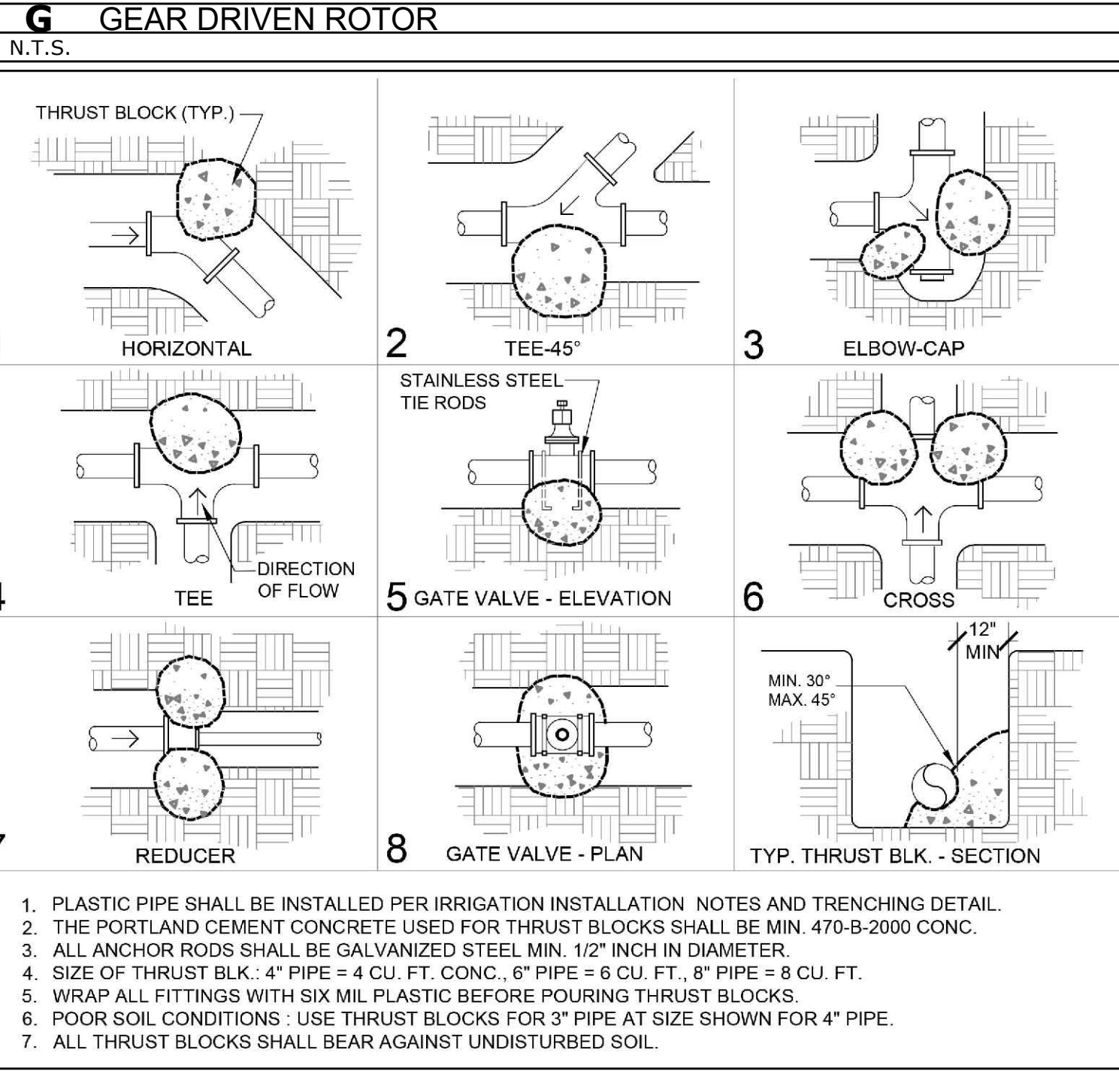
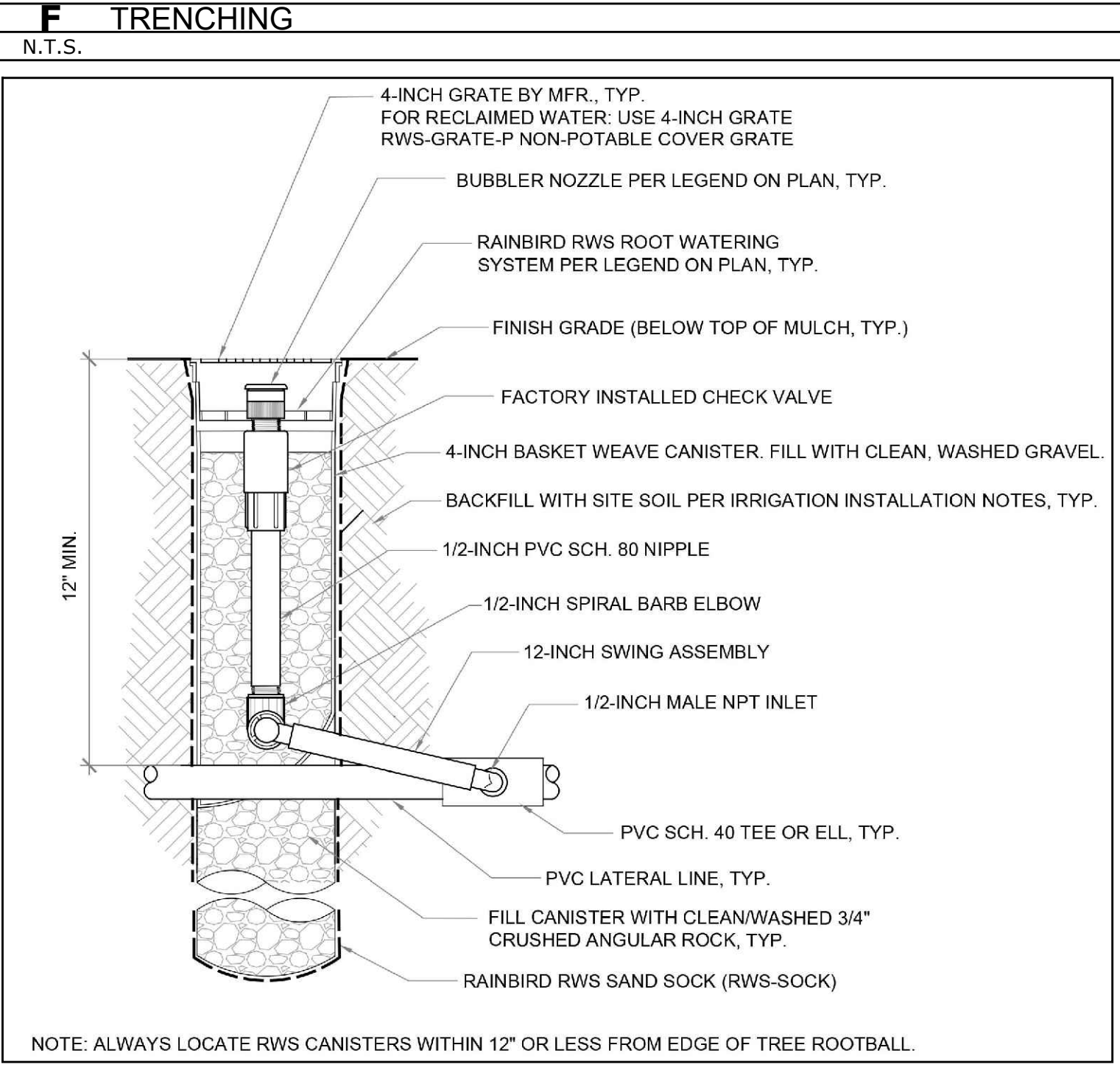
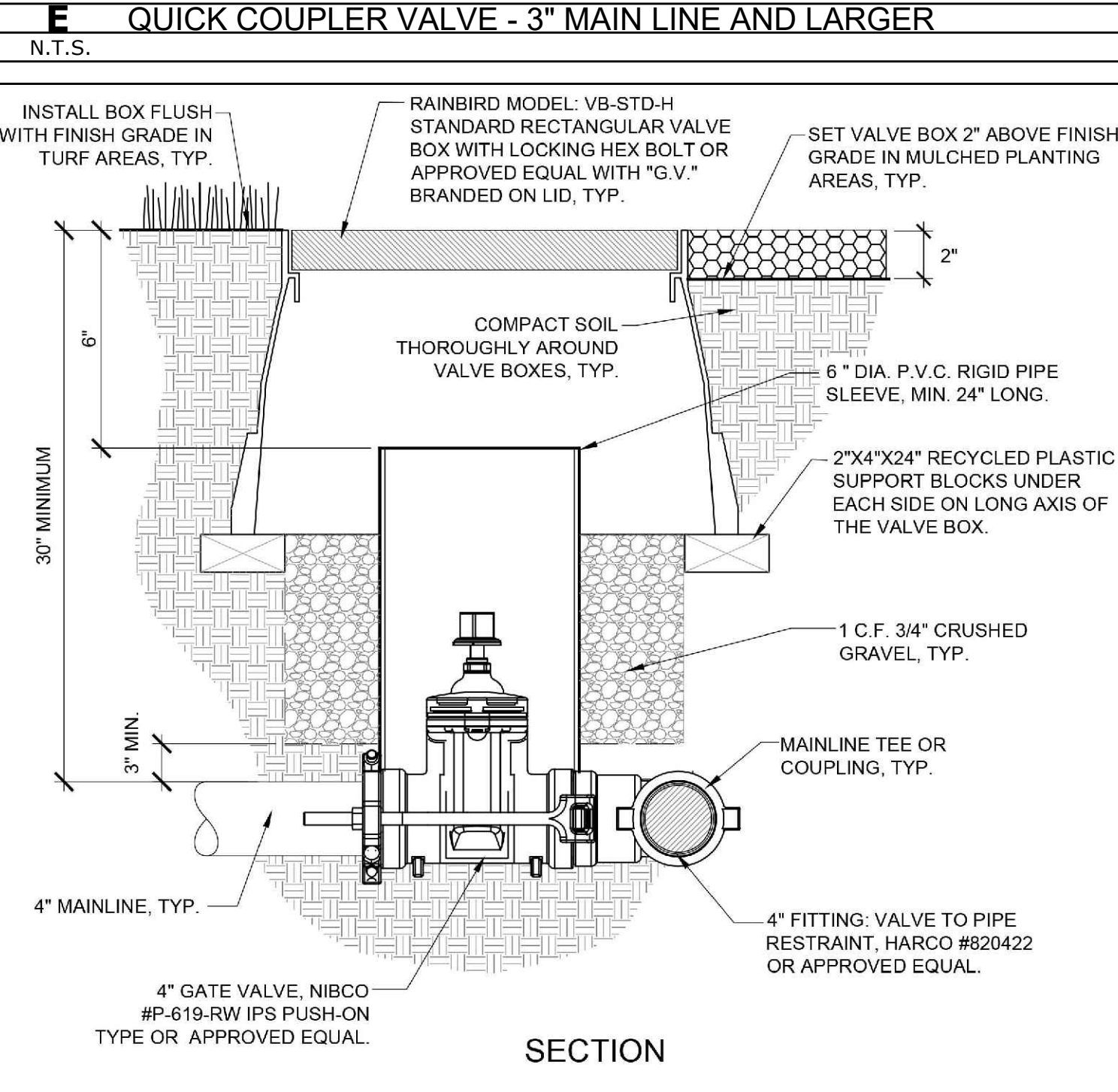
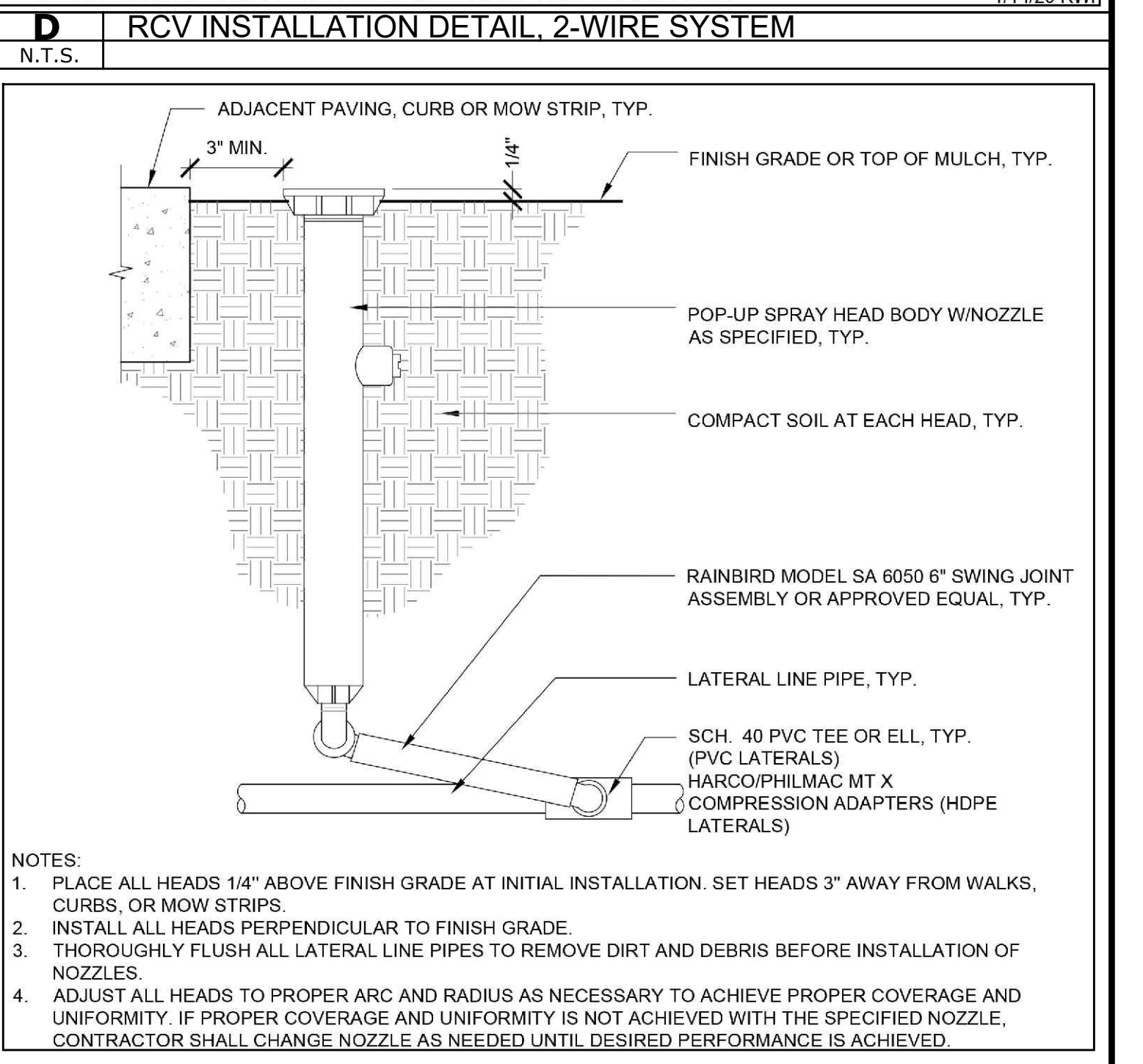
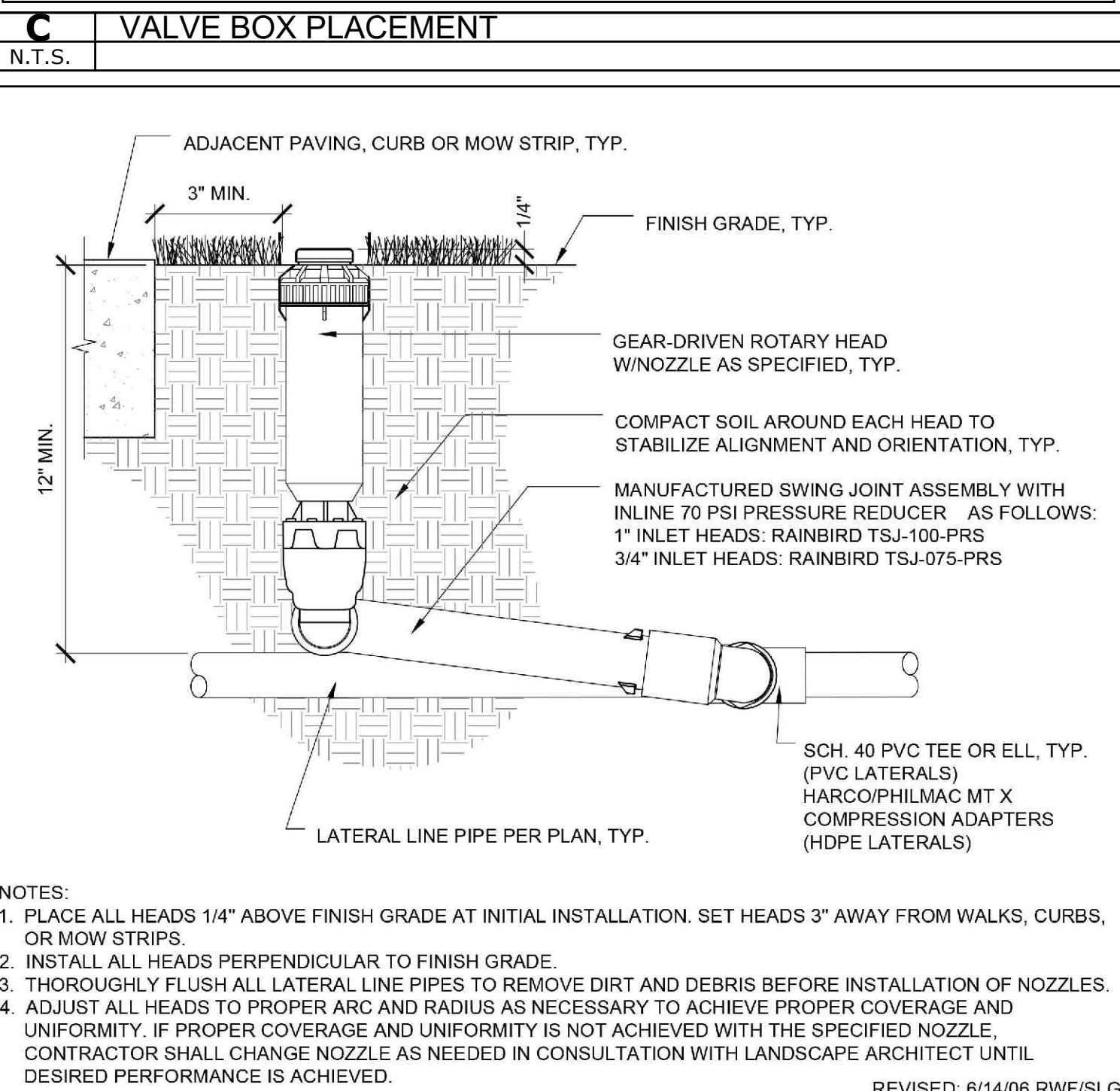
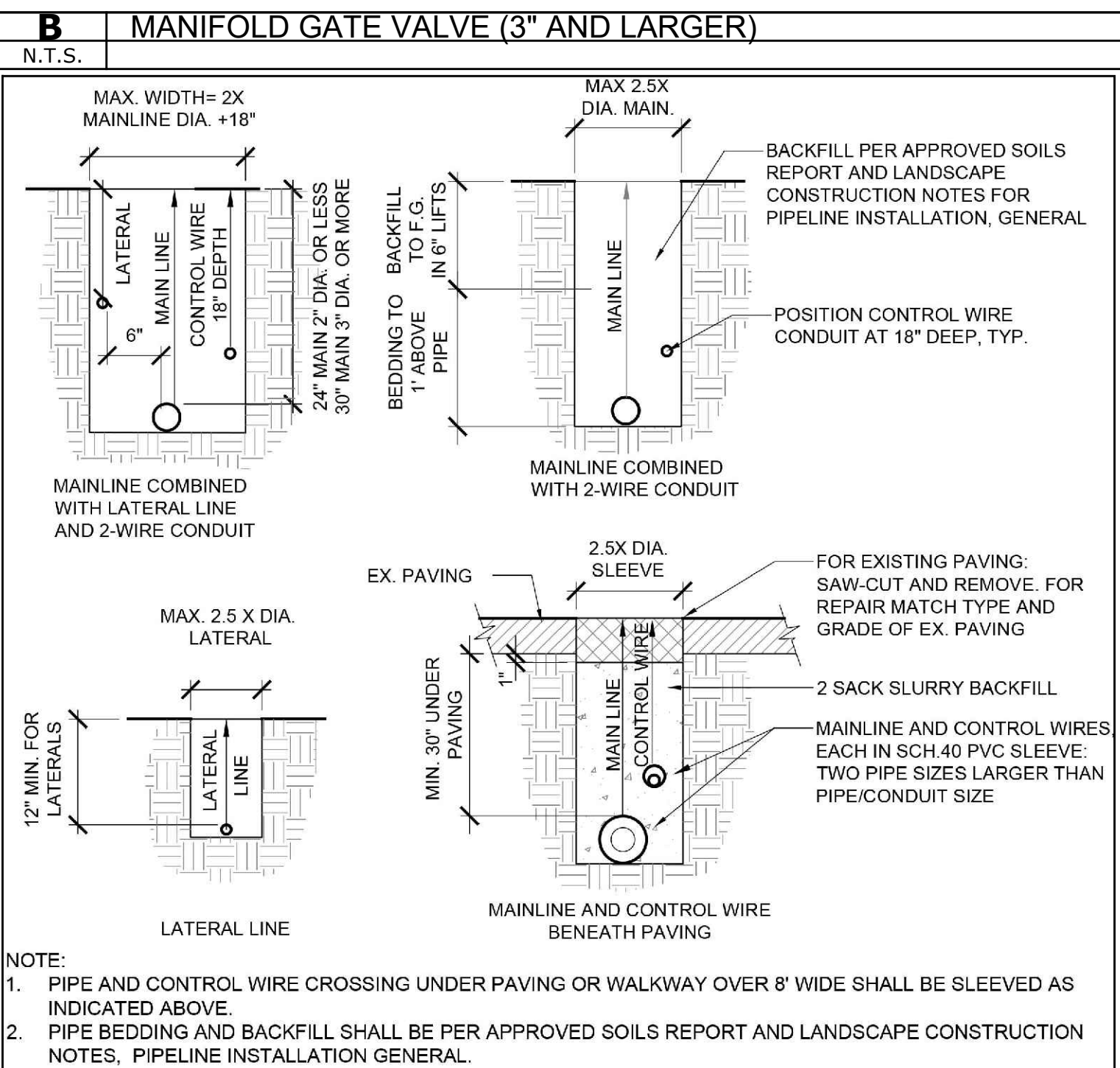
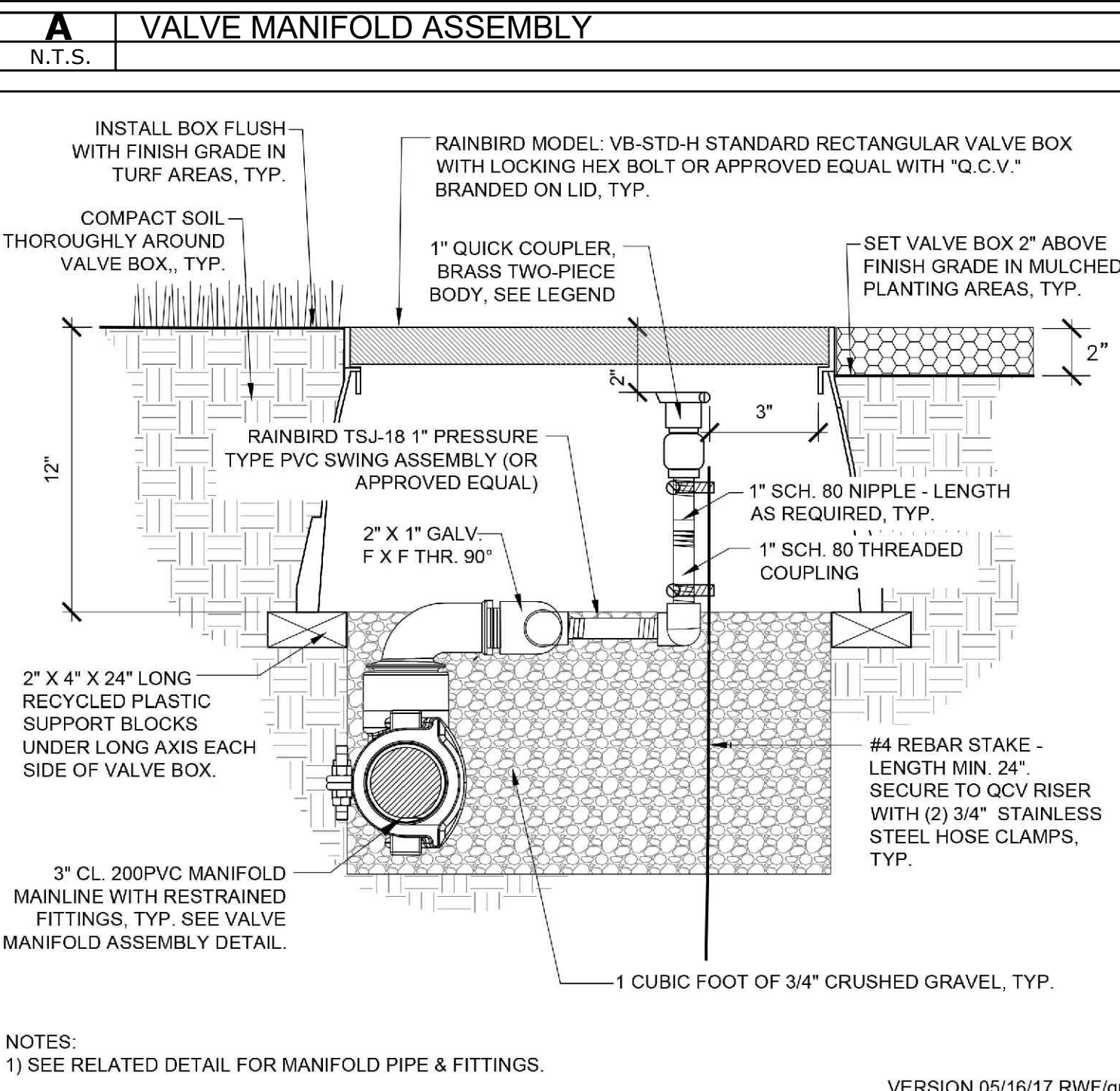
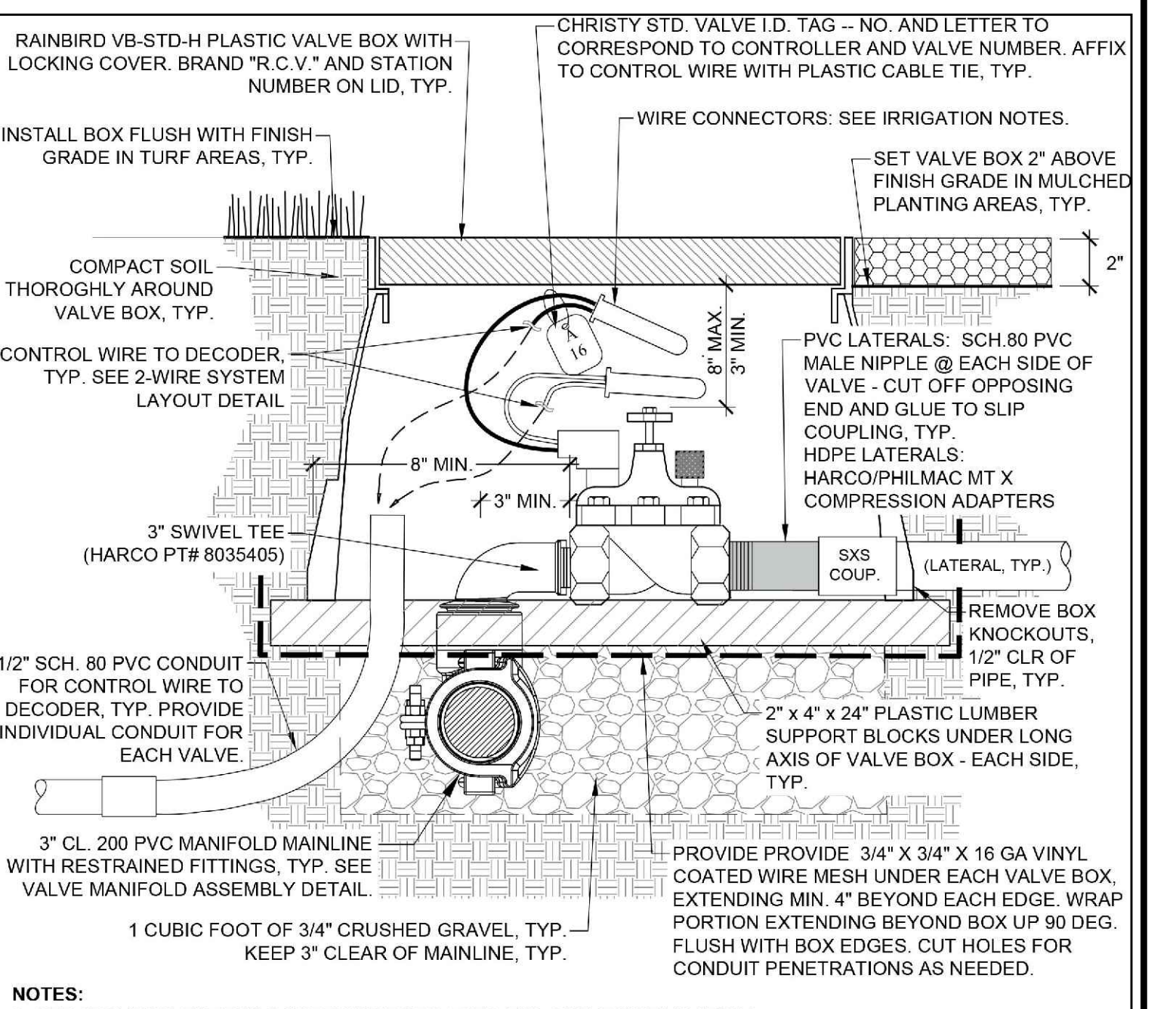
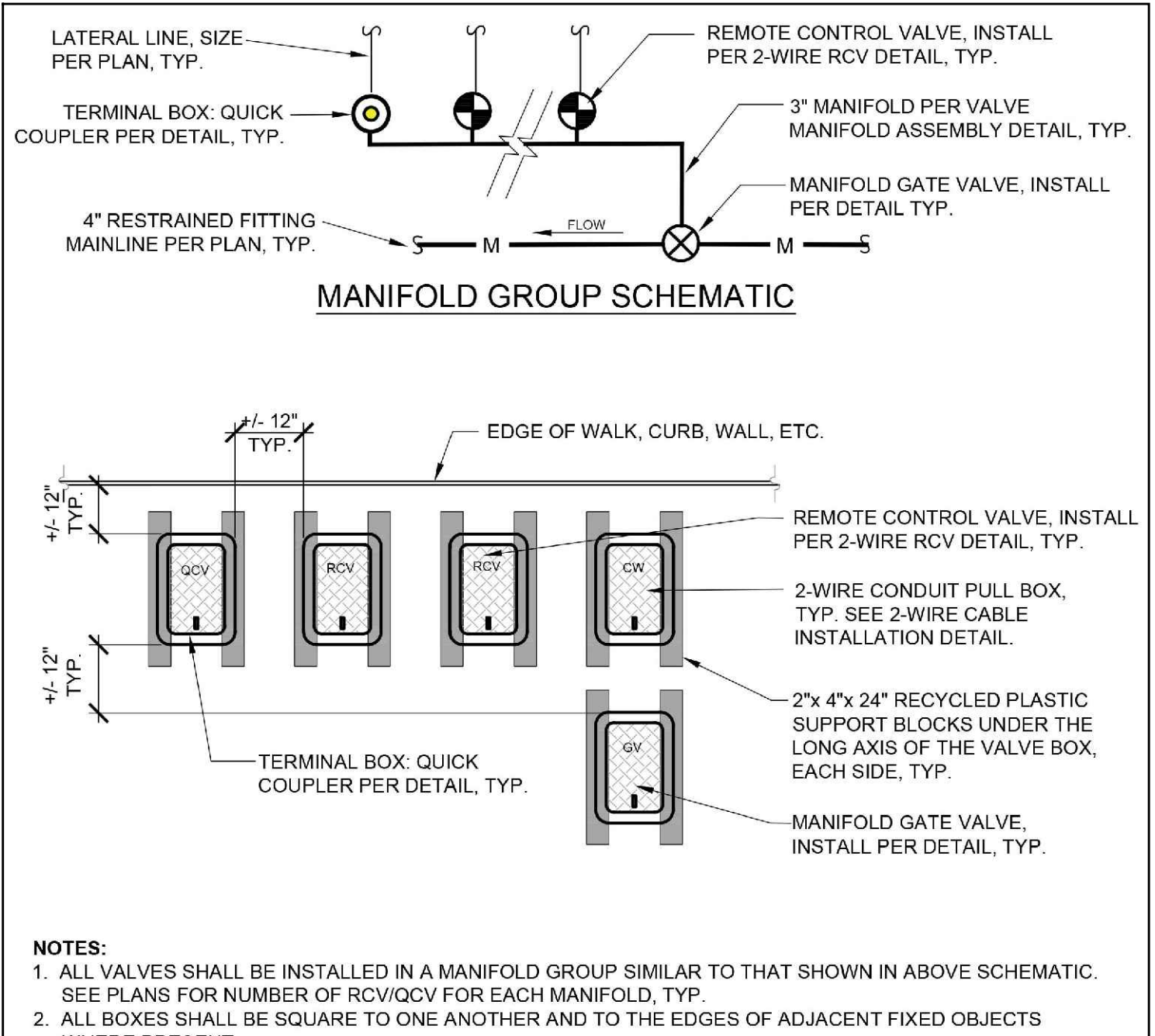
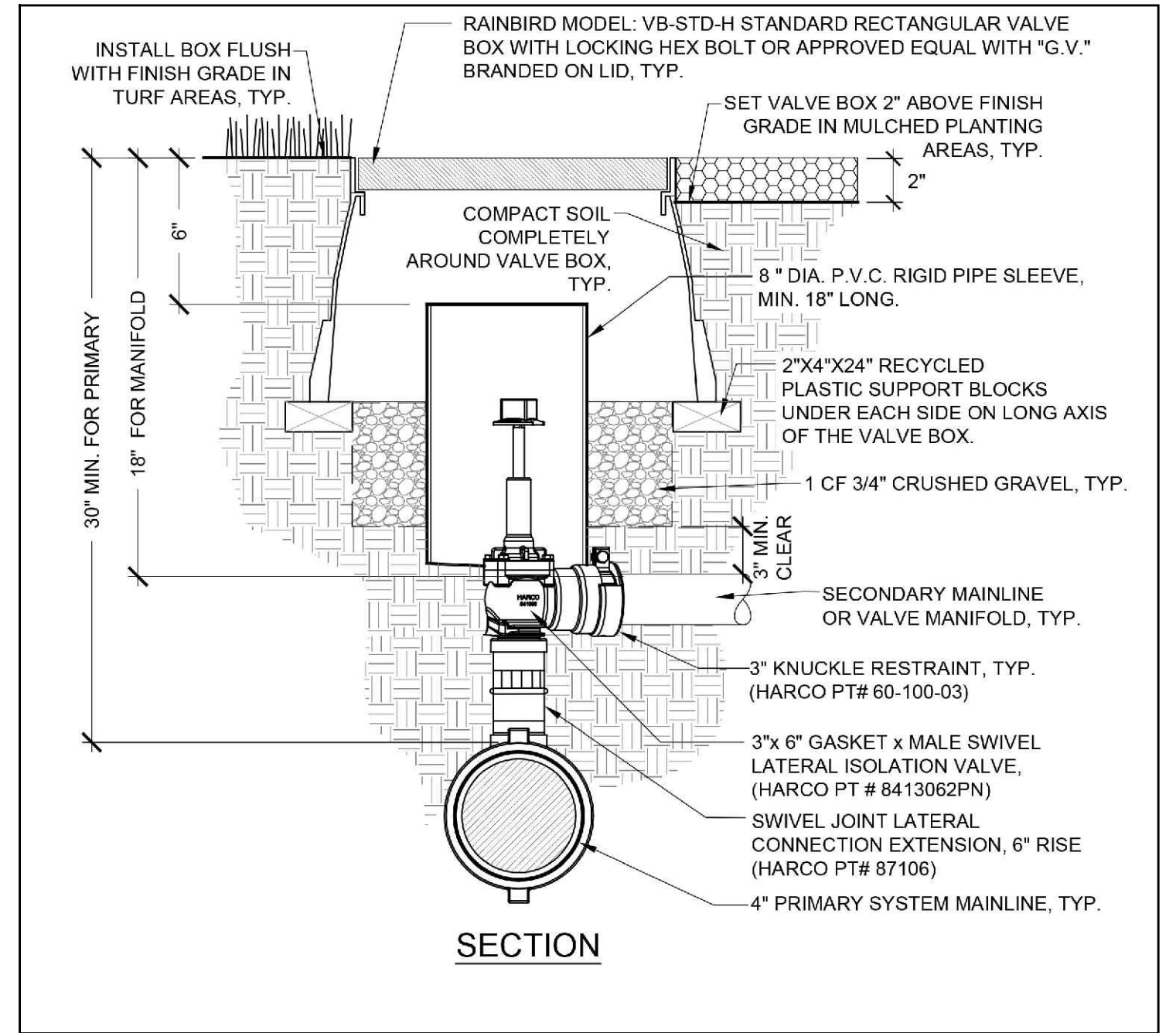
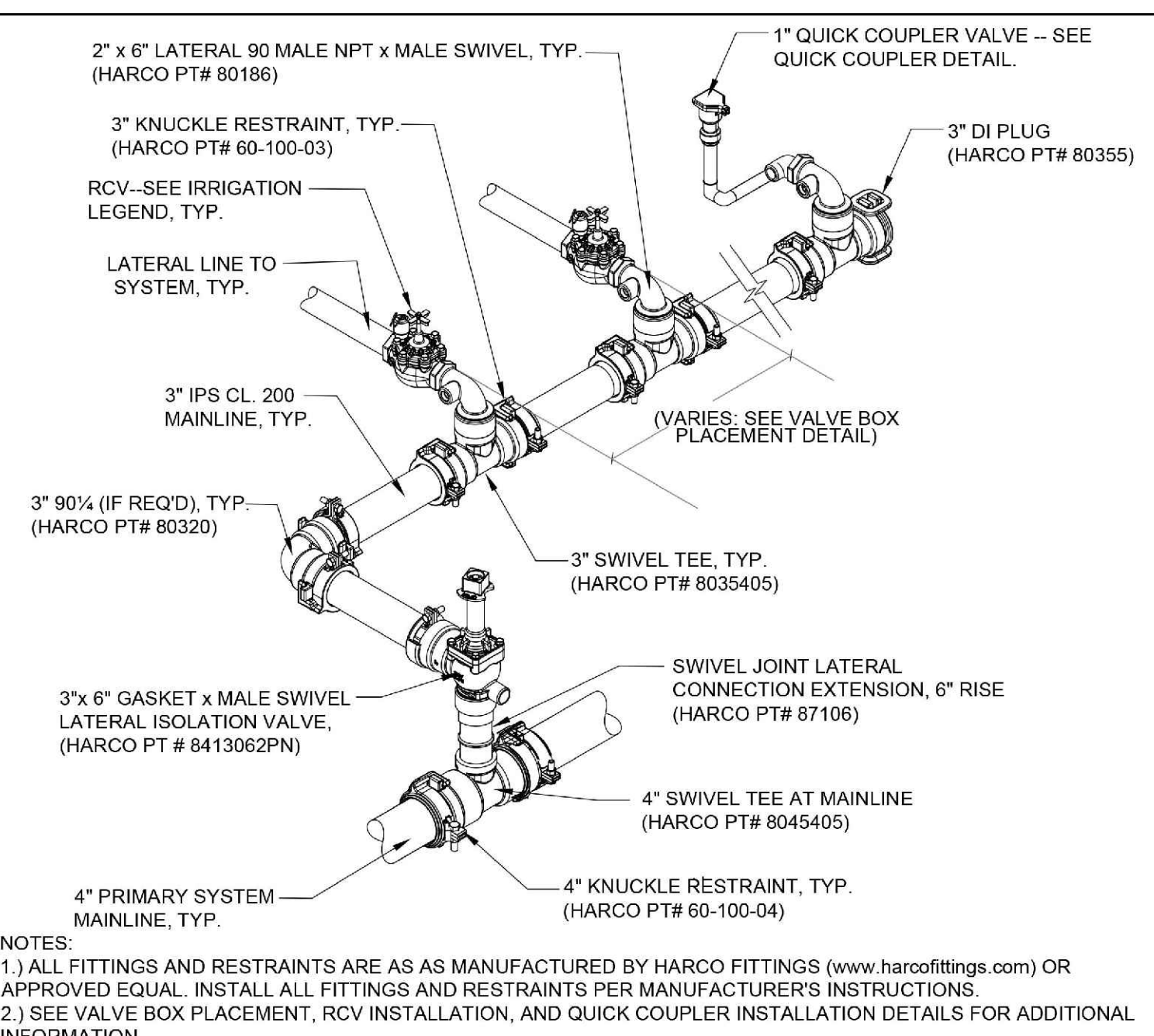
SHEET 11 OF 14 SHEETS



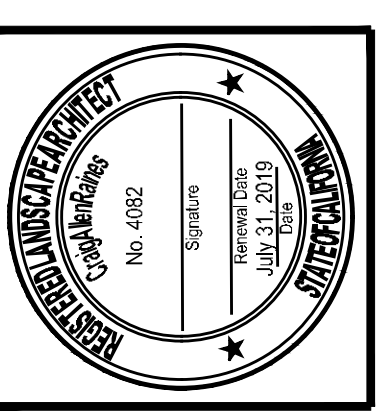
THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS
SUPERINTENDENT: DARRYL FORD
GENERAL MANAGER: JIMMY KIM
PROJECT LANDSCAPE ARCHITECT: CHAD BARNES
LC NO. 4802
LC NO. 4802
PROJECT NUMBER: 21638
DATE: 02/2022



THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS
SUPERINTENDENT: DARRYL FORD
GENERAL MANAGER: JIMMY KIM
PROJECT MANAGER: JIMMY KIM
PROJECT NUMBER: 021638
LC NO. 4802
LC NO. 4802
DATE:



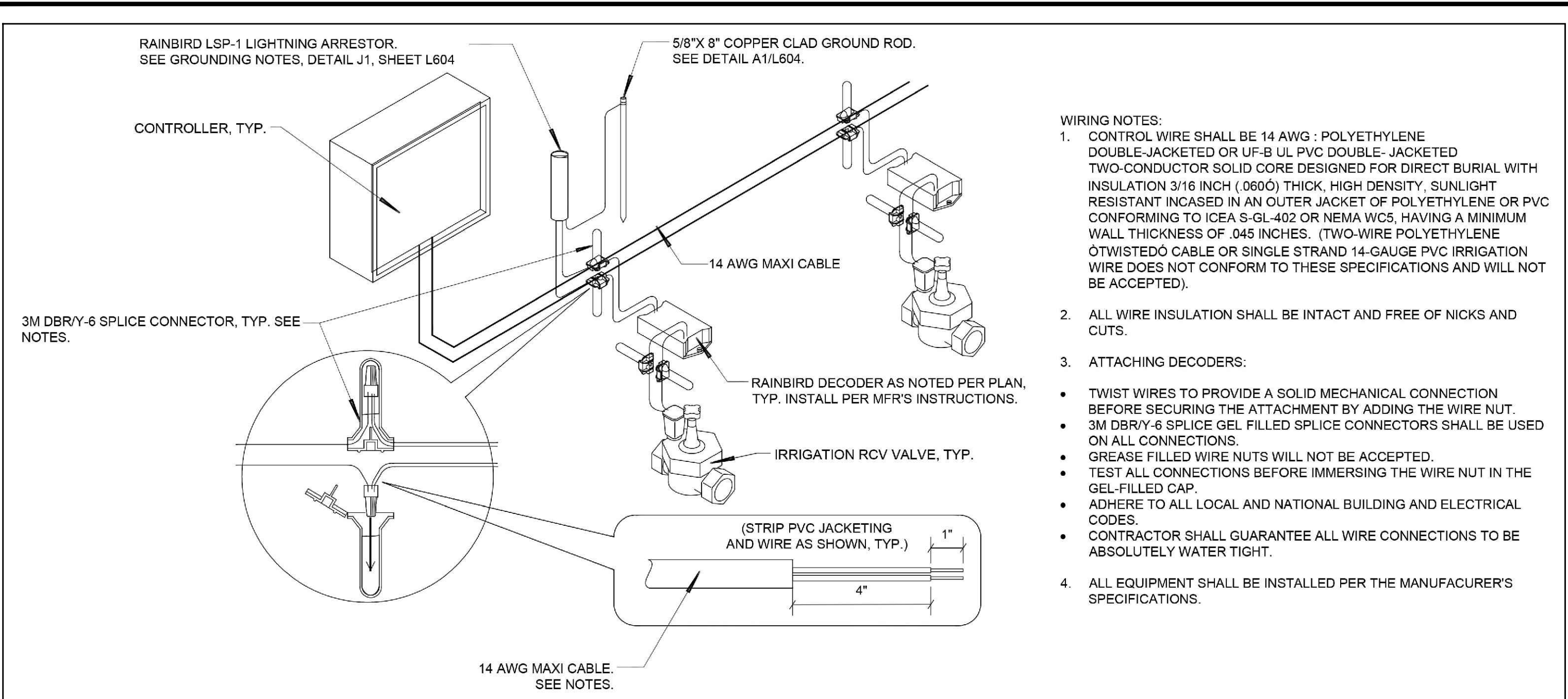
PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX
ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS:	DATE:
Δ	
Δ	
Δ	
Δ	
Δ	

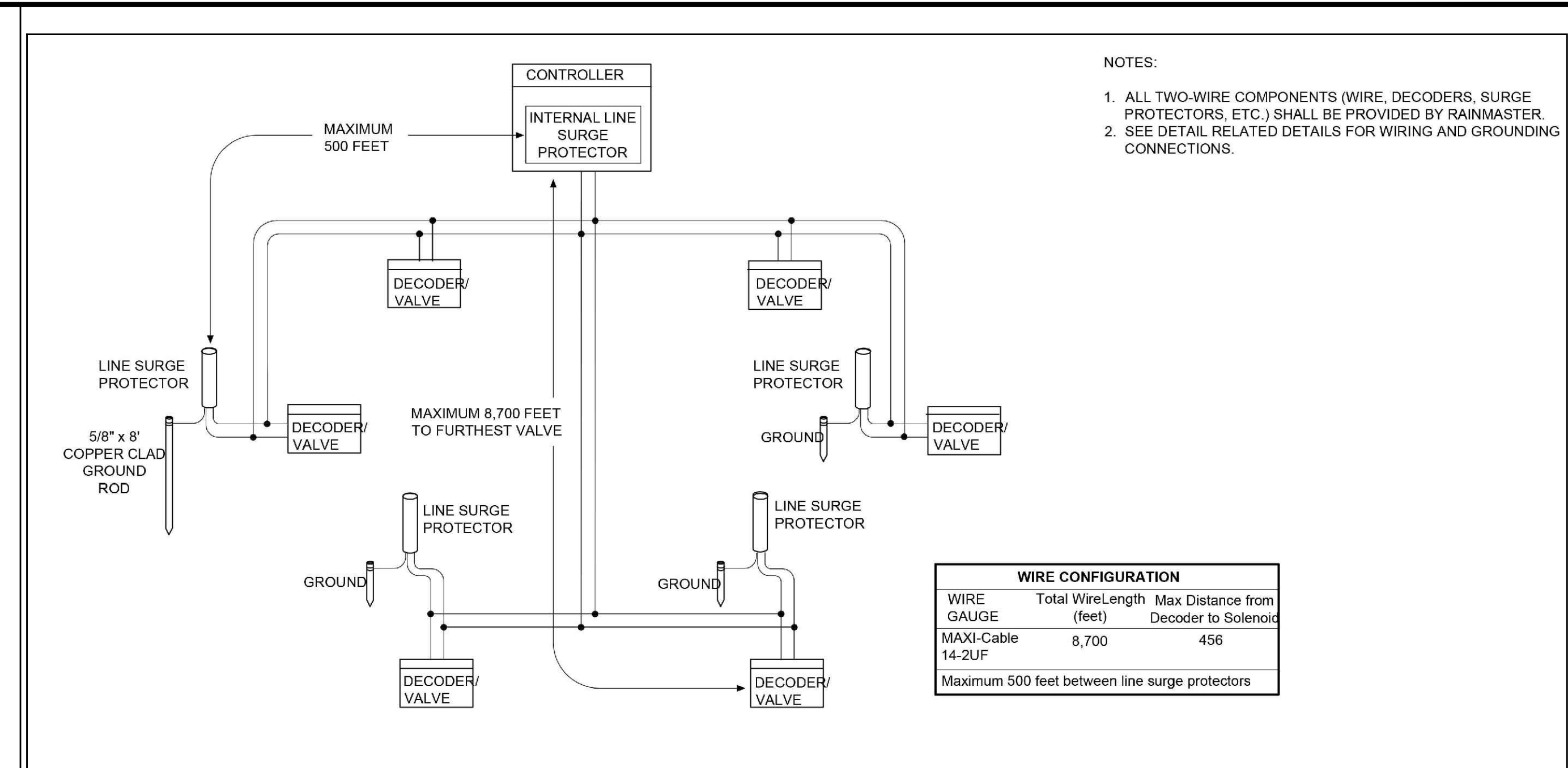
PLAN NAME:
IRRIGATION DETAILS

DRAWN BY: YYP
APPROVED BY: CR
SCALE: N.T.S.
ISSUE DATE: 02/2023
PRJ # 21638
FILE NO.
DRAWING NO. LS-6.0
SHEET 12 OF 14 SHEETS

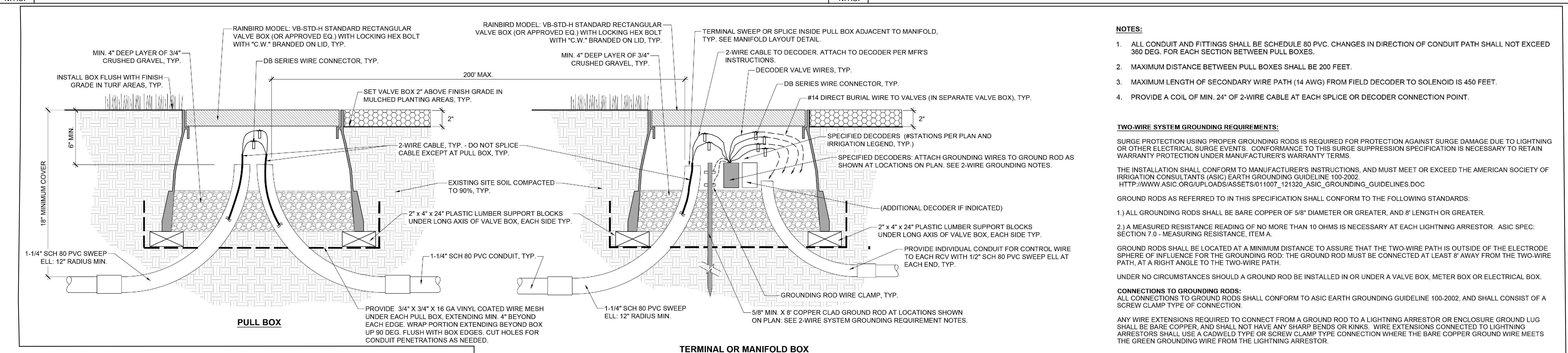
THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



A 2-WIRE IRRIGATION SYSTEM WIRING (RAINMASTER OR EQUAL)
N.T.S.



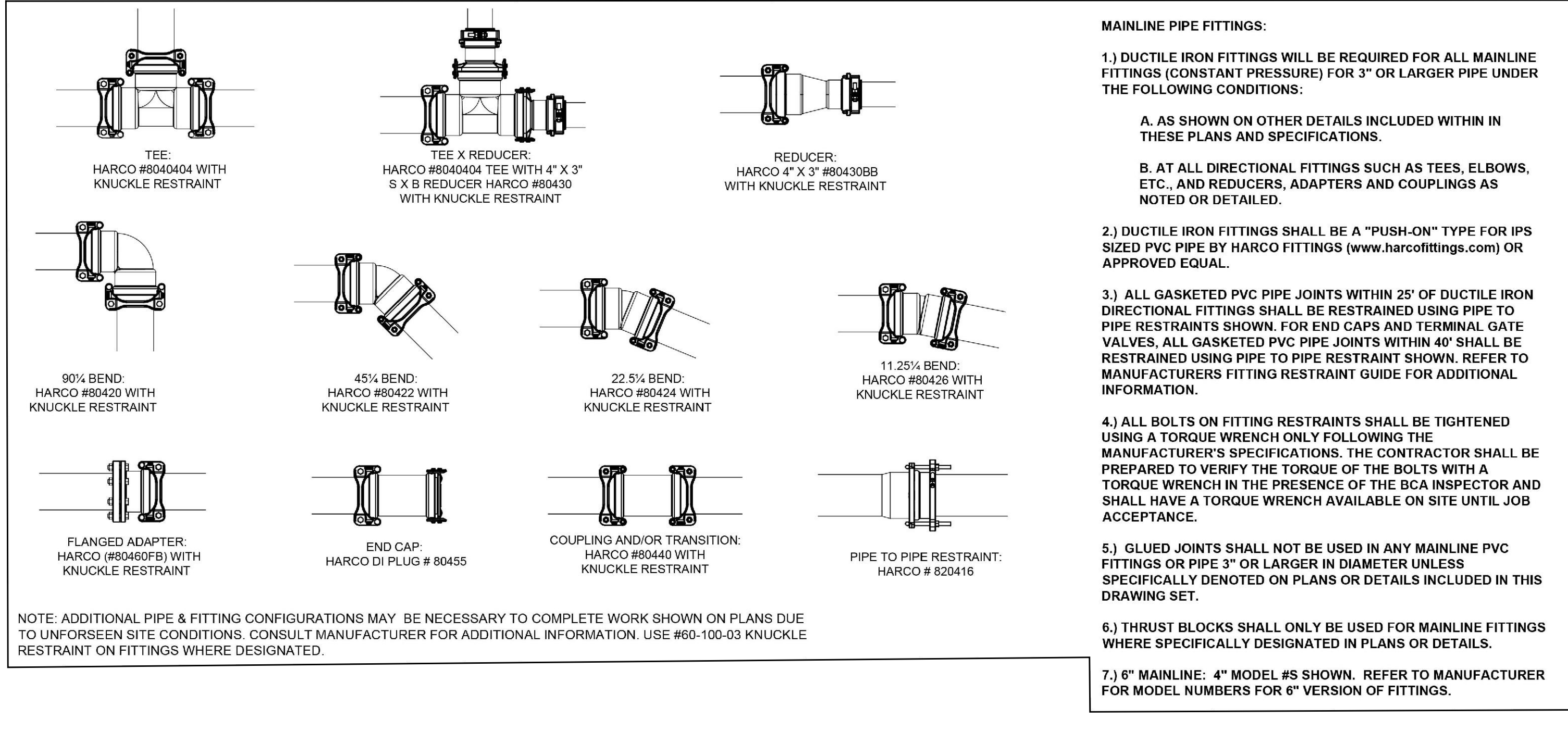
C 2-WIRE SYSTEM LAYOUT
N.T.S.



E 2-WIRE CABLE INSTALLATION AND GROUNDING
N.T.S.

IRRIGATION NOTES:

- ALL LOCAL MUNICIPAL AND STATE LAWS, RULES AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE PLANS AND SPECIFICATIONS AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS REQUIRED TO PERFORM THE WORK INDICATED HEREIN BEFORE BEGINNING WORK.
- BEFORE COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL OBTAIN AN UNDERGROUND SERVICE ALERT I.D. NUMBER BY CALLING 1-800-422-4133. PROVIDE TWO (2) WORKING DAYS AFTER THE NUMBER IS OBTAINED AND BEFORE THE EXCAVATION WORK IS STARTED SO THAT UTILITY OWNERS CAN BE NOTIFIED.
- THE CONTRACTOR SHALL NOT WILLFULLY INSTALL ANY EQUIPMENT AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN CONDITIONS EXIST THAT WERE NOT EVIDENT AT THE TIME THESE PLANS WERE PREPARED. ANY SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF PROJECT MANAGER PRIOR TO ANY WORK OR THE IRRIGATION CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR ANY FIELD CHANGES DEEMED NECESSARY BY THE OWNER.
- THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL NEWLY CONSTRUCTED OR EXISTING ITEMS TO REMAIN THAT IS DAMAGED BY HIS WORK. HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE/WIRING SLEEVES AND LATERALS UNDER ROADWAYS AND PAVING, ETC. PRIOR TO THEIR CONSTRUCTION.
- EXISTING IRRIGATION SYSTEM COMPONENTS IN ADJACENT PARK AREAS OUTSIDE LIMIT OF WORK SHALL REMAIN OPERATIONAL AT ALL TIMES DURING CONSTRUCTION. CONTRACTOR SHALL VERIFY AND DOCUMENT THE OPERATION OF ALL EXISTING IRRIGATION SYSTEM COMPONENTS AND CONTROLLERS LOCATED ADJACENT TO LIMITS OF WORK PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL RECONSTRUCT OR REPAIR ANY EXISTING IRRIGATION SYSTEM COMPONENTS (INCLUDING, BUT NOT LIMITED TO: HEADS, VALVES, MAINLINE, LATERAL LINES AND CONTROL WIRING, ETC.) WHICH ARE TO REMAIN, WHEN THEY INTERFERE OR ARE DAMAGED BY CONSTRUCTION. RECONSTRUCTION OF THE IRRIGATION COMPONENTS SHALL CONFORM WITH THE APPLICABLE SECTION OF THE LANDSCAPE CONSTRUCTION NOTES USING ALL NEW MATERIALS EXCEPT EXISTING IRRIGATION HEADS, WHICH MAY BE REINSTALLED IF VERIFIED TO FUNCTION PROPERLY. IF NECESSARY, CONTRACTOR SHALL HAND-WATER ANY AREAS TEMPORARILY DENIED IRRIGATION DUE TO CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE CITY.
- THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PAVED AREAS. SET ALL VALVES AND QUICK COUPLERS NEXT TO WALKS OR PAVED SURFACES PER DETAIL. ALL MAINLINE, LATERAL LINE, OR CONTROL WIRE CONDUIT INSTALLED BENEATH PAVING SHALL BE SLEEVED PER LANDSCAPE CONSTRUCTION NOTES AND APPLICABLE DETAILS.
- THE CONTRACTOR SHALL MARK OUT THE PROPOSED ROUTING OF ALL MAINLINE, CONTROL WIRE CONDUIT, PULL BOXES, AND VALVE MANIFOLDS IN THE FIELD FOR REVIEW AND APPROVAL BY THE CITY ENGINEER PRIOR TO TRENCHING.
- ANY TRENCHES DUG TO ACCOMMODATE NEW IRRIGATION PIPES THAT PASS THROUGH THE DRIPLINE OF AN EXISTING TREE ARE SUBJECT TO THE REQUIREMENTS SPECIFIED IN THE SECTION "TREE PROTECTION GUIDELINES" OF THE LANDSCAPE CONSTRUCTION NOTES.
- INSTALL ALL EQUIPMENT AS SHOWN IN THE DETAILS AND SPECIFICATIONS. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
- 2-WIRE CABLE PATH SHALL GENERALLY FOLLOW MAINLINE WHERE POSSIBLE. ALL 2-WIRE CABLE SHALL BE INSTALLED IN 1-1/4" OR LARGER SCH 80 PVC CONDUIT WITH PULL BOXES EVERY 200' MAXIMUM. CONTRACTOR SHALL SUBMIT PROPOSED LOCATION OF 2-WIRE CONDUIT RUNS AND PULL BOXES FOR APPROVAL BY PROJECT ENGINEER PRIOR TO INSTALLATION.
- THE INTENT OF THE CONTRACT IS TO PROVIDE 100% COVERAGE TO ALL PLANTING AREAS. ALL HEADS ARE TO BE INSTALLED WITH THE NOZZLE, SCREEN AND ARCS SHOWN ON THE PLANS. ALL HEADS ARE TO BE ADJUSTED TO PREVENT OVERSPRAY ONTO BUILDINGS, WALLS, FENCES AND HARDSCAPE. THIS INCLUDES, BUT NOT LIMITED TO, ADJUSTMENT OF DIFFUSER PIN OR ADJUSTMENT SCREW, REPLACEMENT OF PRESSURE COMPENSATING SCREENS, REPLACEMENT OF NOZZLES WITH MORE APPROPRIATE RADIUS UNITS AND THE REPLACEMENT OF NOZZLES WITH ADJUSTABLE ARC UNITS AT NO ADDITIONAL COST TO CITY.
- ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE UNLESS OTHERWISE SPECIFIED.
- INSTALLATION FOR THE CONTROL WIRES SHALL FOLLOW MAINLINE ROUTING, UNLESS OTHERWISE INDICATED.
- THE CONTRACTOR SHALL USE PROPER GROUNDING TECHNIQUES FOR GROUNDING THE CONTROLLER AND RELATED EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
- UPON COMPLETION OF INSTALLATION, CONTRACTOR SHALL CONDUCT A COVERAGE TEST PER LANDSCAPE CONSTRUCTION NOTES. CONTRACTOR SHALL MAKE ANY ADJUSTMENTS IN HEAD LOCATION/SPACING OR NOZZLE SELECTION AS NECESSARY TO ACHIEVE THE BEST POSSIBLE DISTRIBUTION UNIFORMITY GIVEN EXISTING PARAMETERS OF AVAILABLE PRESSURE AND FLOW AT NO ADDITIONAL COST TO CITY UNTIL SUCH TIME AS THE NEWLY INSTALLED SYSTEM ACHIEVES THE MINIMUM COVERAGE UNIFORMITY STANDARDS AS SET BY DEPARTMENT OF RECREATION AND PARKS.
- REFER TO LANDSCAPE CONSTRUCTION NOTES FOR ADDITIONAL INFORMATION REGARDING THIS SECTION OF WORK.
- THE QUANTITIES OF IRRIGATION EQUIPMENT SHOWN ON THE LEGEND IS FOR ESTIMATING PURPOSE AND IS INCLUDED FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE TO VERIFY AND PROVIDE ALL IRRIGATION EQUIPMENT AS SHOWN ON THE IRRIGATION PLAN.



NOTE: ADDITIONAL PIPE & FITTING CONFIGURATIONS MAY BE NECESSARY TO COMPLETE WORK SHOWN ON PLANS DUE TO UNFORSEEN SITE CONDITIONS. CONSULT MANUFACTURER FOR ADDITIONAL INFORMATION. USE #60-100-03 KNUCKLE RESTRAINT ON FITTINGS WHERE DESIGNATED.

NOTES:

- ALL TWO-WIRE COMPONENTS (WIRE, DECODERS, SURGE PROTECTORS, ETC.) SHALL BE PROVIDED BY RAINMASTER.
- SEE DETAIL RELATED DETAILS FOR WIRING AND GROUNDING CONNECTIONS.

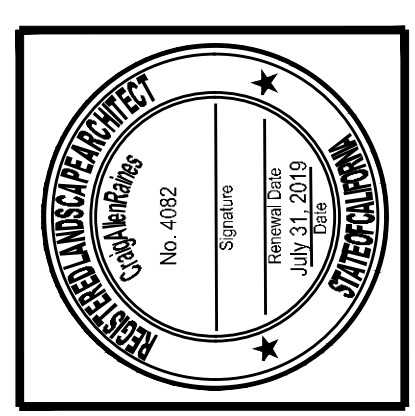
WIRE CONFIGURATION

WIRE GAUGE	Total Wire Length (feet)	Max Distance from Decoder to Solenoid
MAXI-Cable 14-2UF	8,700	456

Maximum 500 feet between line surge protectors



THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS
GENERAL MANAGER: JIMMY KIM
SUPERINTENDENT: DARRYL FORD
PROJECT LANDSCAPE ARCHITECT: CHAD BARBER
PROJECT NUMBER: 15-001-0000
DATE: _____



PROJECT NAME:
VENICE OF AMERICA CENTENNIAL PARK COMPLEX
ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS: _____ DATE: _____

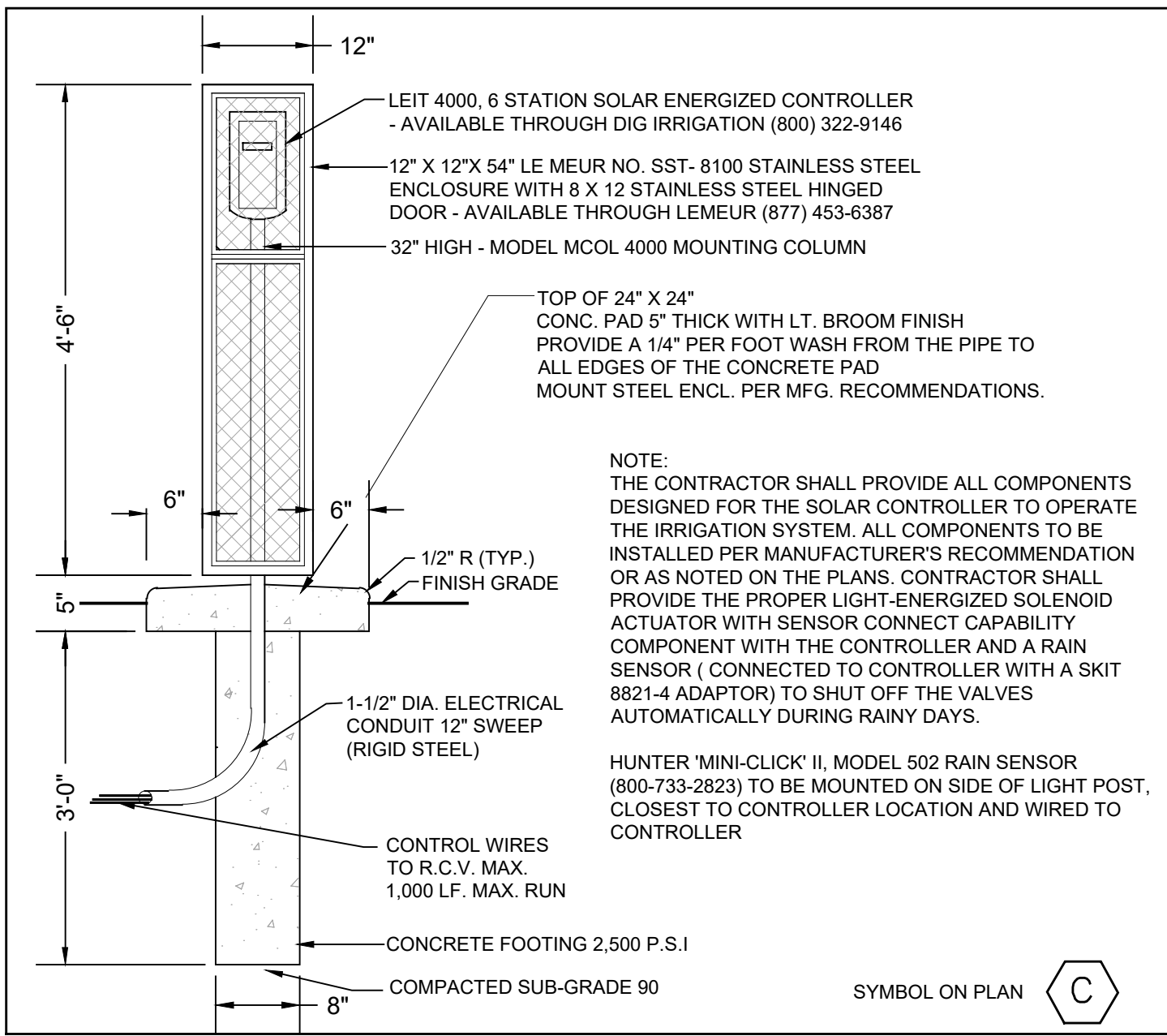
PLAN NAME:
IRRIGATION DETAILS

DRAWN BY: YYP
APPROVED BY: CR
SCALE: N.T.S.
ISSUE DATE: 02/2023
PRJ # 21638
FILE NO. _____

DRAWING NO.
LS-6.1

SHEET 13 OF 14 SHEETS

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



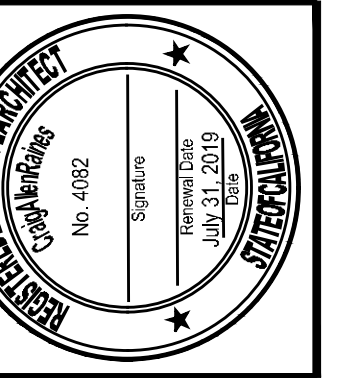
A CONTROLLER ENCLOSURE

N.T.S.



THE CITY OF LOS ANGELES
DEPARTMENT OF RECREATION AND PARKS

GENERAL MANAGER: JIMMY KIM
SUPERINTENDENT: DARRYL FORD
PROJECT LANDSCAPE ARCHITECT: CHAD BARRER
PROJECT ENGINEER: _____
DATE: _____



PROJECT NAME:
**VENICE OF AMERICA
CENTENNIAL PARK COMPLEX**
ADDRESS:
501 S Venice Blvd, Venice, CA 90291

REVISIONS:	DATE:
△	
△	
△	
△	
△	

PLAN NAME:
**IRRIGATION
DETAILS**

DRAWN BY: YY.P	APPROVED BY: CR
SCALE: N.T.S.	ISSUE DATE: 02/2023
PRJ # 21638	FILE NO.
DRAWING NO. LS- 6.2	
SHEET 14 OF 14 SHEETS	