

GENERAL NOTES

1. LANDSCAPE IMPROVEMENTS SHALL BE CONSTRUCTED IN COMPLIANCE WITH CITY OF TURLOCK, CALIFORNIA CURRENT STANDARDS AND SPECIFICATIONS INCLUDING ALL AMENDMENTS THERETO TO DATE. IMPROVEMENTS SHALL ALSO BE IN COMPLIANCE WITH CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS LATEST EDITION, WHERE APPLICABLE. IN THE EVENT THERE IS A CONFLICT WITH THE PLANS AND REFERENCES STATED ABOVE, THE GOVERNING BODY STANDARDS AND SPECIFICATIONS SHALL PREVAIL. ALL WORK SHALL BE SUBJECT TO INSPECTION.
2. DESIGN: THE DRAWINGS HEREIN REPRESENT THE DESIGN TO BE IMPLEMENTED ON THE SITE DEPICTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE LANDSCAPE ARCHITECT TO CLARIFY PLAN DETAILS RELATED TO SITE OR CONSTRUCTION DETAILS NECESSARY FOR PROJECT COMPLETION.
3. COORDINATION: CONTRACTORS SHALL COORDINATE INSTALLATION AND SCHEDULING WITH THAT OF CITY AND OTHER CONTRACTORS EFFICIENTLY AND IN A TIMELY MANNER, ENSURING THE PROJECT COMPLETION IS UNIMPEDED AND INSTALLED CORRECTLY WITH MINIMAL MAINTENANCE. CITY SHALL BE CONTACTED DIRECTLY AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO COVERING, COMPLETION, OR EXPOSING WORK THAT WILL BE INSTALLED.
4. SITE CONDITIONS: SEE GENERAL PROVISIONS, SPECIAL PROVISIONS, GENERAL REQUIREMENTS, AND TECHNICAL SPECIFICATIONS FOR CONTRACTOR RESPONSIBILITIES RELATED TO SITE CONDITIONS. CONTRACTOR SHALL EXAMINE EXISTING CONDITIONS OF SITE. IN THE EVENT THAT ON-SITE CONDITIONS DIFFER FROM CONDITIONS DEPICTED ON PLANS AND WILL IMPACT THE INSTALLATION PROCESS, THE CONTRACTOR SHALL SUBMIT THESE FINDINGS TO THE CITY IN WRITING PRIOR TO BEGINNING WORK.
5. BASE INFORMATION: THE PROPOSED LANDSCAPE IMPROVEMENTS SHOWN HEREIN ARE SUPERIMPOSED OVER DATA PROVIDED TO THE LANDSCAPE ARCHITECT BY OTHER SOURCES. THE LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR THE CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS RELATED TO THIS DATA. THE BASE INFORMATION IS PROVIDED AS AN AID ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DOCUMENTS AND ACCOMMODATING ANY DISCREPANCIES.
- BASE INFORMATION PROVIDED BY:
WESTWOOD PROFESSIONAL SERVICES
1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350
PHONE: (209) 571-1765
FILENAME: 38421-TP.DWG
6. BIDDING INFORMATION: SEE GENERAL PROVISIONS, SPECIAL PROVISIONS, GENERAL REQUIREMENTS, AND TECHNICAL SPECIFICATIONS FOR CONTRACTOR RESPONSIBILITIES RELATED TO BIDDING INFORMATION AND SITE VISITS PRIOR TO BID SUBMITTAL.
7. PRE-CONSTRUCTION MEETING: THE CONTRACTOR SHALL OBTAIN PERMITS AS REQUIRED BY THE SPECIAL PROVISIONS. A PRE-CONSTRUCTION MEETING SHALL BE COORDINATED WITH THE APPROPRIATE REGULATORY BODY PRIOR TO BEGINNING WORK. APPLICABLE AGENCIES AND PARTIES SHALL BE NOTIFIED AT LEAST 3 WORKING DAYS (72 HOURS) IN ADVANCE OF THE PRE-CONSTRUCTION MEETING.
8. UTILITIES: THE CONTRACTOR AND ANY SUBCONTRACTORS SHALL CONTACT U.S.A. AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO BEGINNING WORK.
9. POT HOLE: ONLY EXCAVATION WILL REVEAL ACTUAL TYPES, LOCATIONS, SIZES, AND DEPTHS OF UNDERGROUND UTILITIES. THE LANDSCAPE ARCHITECT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF UNDERGROUND UTILITIES OR OF BURIED EXISTING OBJECTS AND UTILITIES NOT SHOWN ON THESE PLANS.
10. AS-BUILTS: FOR AS-BUILT PURPOSES, THE CONTRACTOR SHALL KEEP A CURRENT SET OF DRAWINGS ON SITE AT ALL TIMES WITH DEVIATIONS FROM ORIGINAL PLANS AND SPECIFICATIONS NOTED. UPON PROJECT COMPLETION THE CONTRACTOR SHALL PROVIDE THE CITY WITH A DIGITAL FORMAT, COMPLETE SET OF AS-BUILT DRAWINGS.

SURVEY CONTROL

HORIZONTAL DATUM
NORTH AMERICAN DATUM OF 1983 (2011), EPOCH 2010.00.

COORDINATE SYSTEM
COORDINATES SHOWN HEREON ARE GROUND AND BASED ON THE CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83), ZONE III. PURSUANT TO THE CALIFORNIA PUBLIC RESOURCES CODE, DIVISION 8, CHAPTER 1, SECTION 8815.5:

POINT	ELEVATION	COMBINED GRID FACTOR	MAPPING ANGLE
15000	111.50	0.9999364966	-0012'14.7"

VERTICAL DATUM
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).


PROJECT BENCHMARK
SET MAG NAIL IN ASPHALT AT THE INTERSECTION OF HAVERFORD DRIVE AND TATE STREET, APPROXIMATELY 28 FEET NORTH OF SEWER MANHOLE IN CENTER OF KNUCKLE CURVE AND 22 FEET SOUTH EAST FROM MAIL BOX. (POINT # 15003)
ELEVATION = 113.43 FEET (NAVD88)

CONTROL POINT TABLE


POINT NUMBER	NORTHING	EASTING	DESCRIPTION
15000	2014313.14	6465006.23	SET 3/4" IP
15001	2014313.58	6464518.00	SET SCRIBED X ON WALK
15003	2014550.53	6465227.12	SET MAG
15005	2014169.73	6464770.36	SET SCRIBED X

CONTACT INFORMATION

- OWNER:
CITY OF TURLOCK
156 S. BROADWAY, SUITE 150
RANDALL JONES, P.E.
SENIOR CIVIL ENGINEER
OFFICE: (209) 668-5520
- LANDSCAPE ARCHITECT & CIVIL ENGINEER:
WESTWOOD PROFESSIONAL SERVICES
1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350
PHONE: (209) 571-1765
JESSE GRAFTON: JESSE.GRAFTON@WESTWOODPS.COM
STEPHANIE KONG: STEPHANIE.KONG@WESTWOODPS.COM
- ELECTRICAL ENGINEER:
PEZZONI ENGINEERING, INC.
1150 9TH STREET STE. 1415
MODESTO, CA 95354
PHONE: (209) 554-4602
KEVIN PEZZONI: KPEZZONI@PEZZONR.COM

APPROVED BY: 
WILLIAM D. MORRIS, RCE 55910
CITY ENGINEER

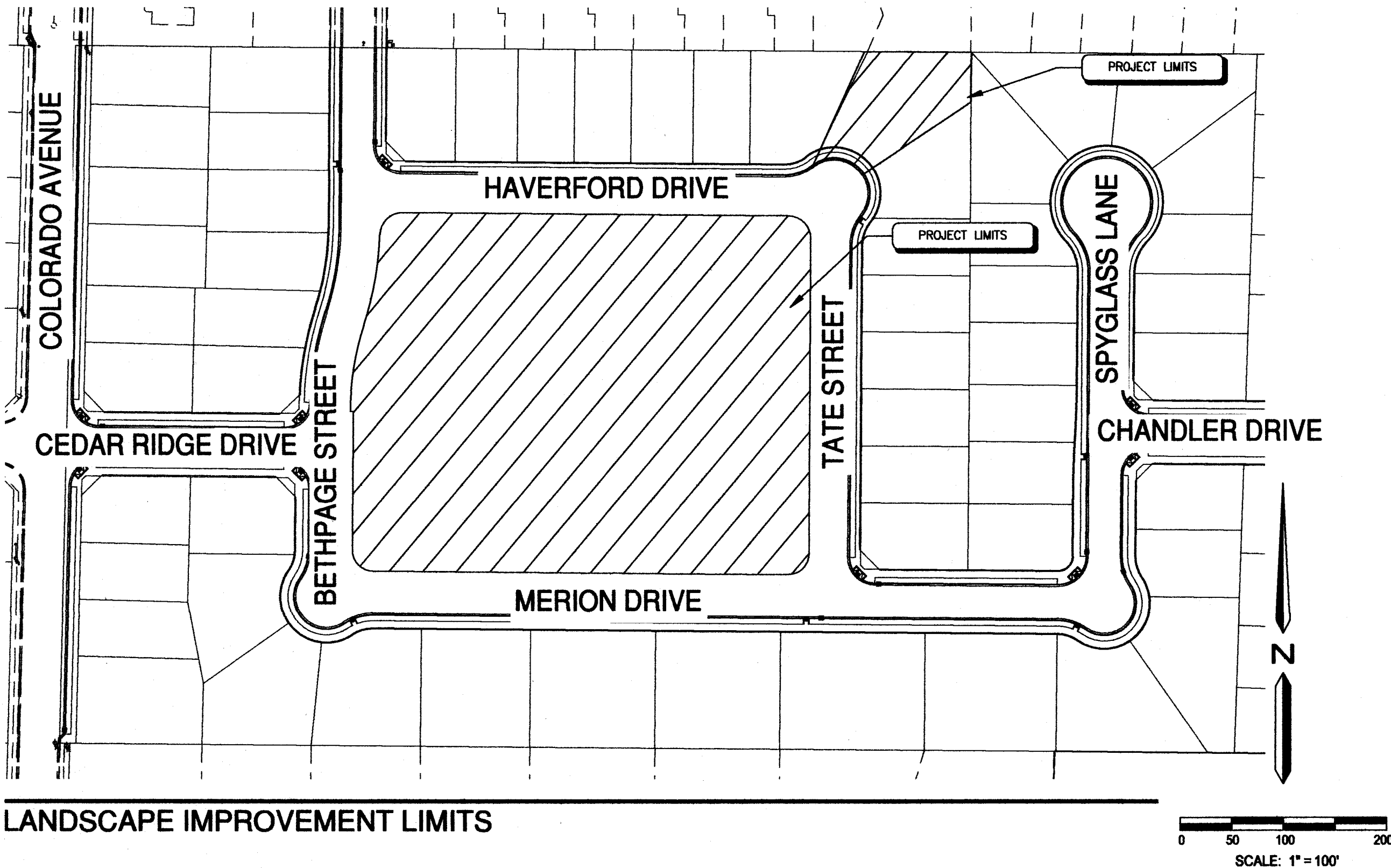
DATE: 7/30/2025

APPROVED BY: 
MIKE MURPHY
PARKS SUPERINTENDENT

DATE: 07/30/2025

JOHN LAZAR PARK

CITY PROJECT #21-043
LANDSCAPE IMPROVEMENT PLANS
HAVERFORD DR, TATE ST, MERION DR,
& BETHPAGE ST., TURLOCK, CALIFORNIA



LANDSCAPE IMPROVEMENT LIMITS

PROJECT INFORMATION

PROJECT TITLE: CITY PROJECT #21-043
"JOHN LAZAR PARK"

PARCEL NUMBER: 072-006-084

PROJECT ADDRESS: HAVERFORD DR, TATE ST,
MERION DR, & BETHPAGE ST.
TURLOCK, CA, 95382

APPLICANT/OWNER: CITY OF TURLOCK
156 S. BROADWAY, SUITE 150
RANDALL JONES
SENIOR CIVIL ENGINEER
OFFICE: 209-668-6021

PLANS PREPARED BY: WESTWOOD PROFESSIONAL SERVICES
1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350
PHONE: (209) 571-1765 OFFICE
EMAIL: JESSE.GRAFTON@WESTWOODPS.COM

LICENSE NUMBER: CLA #6127

LANDSCAPE AREA: 152,510 SQUARE FEET

PROJECT TYPE: NEW CONST./PUBLIC

WATER SUPPLY TYPE & LOCAL PURVEYOR: POTABLE/CITY OF TURLOCK

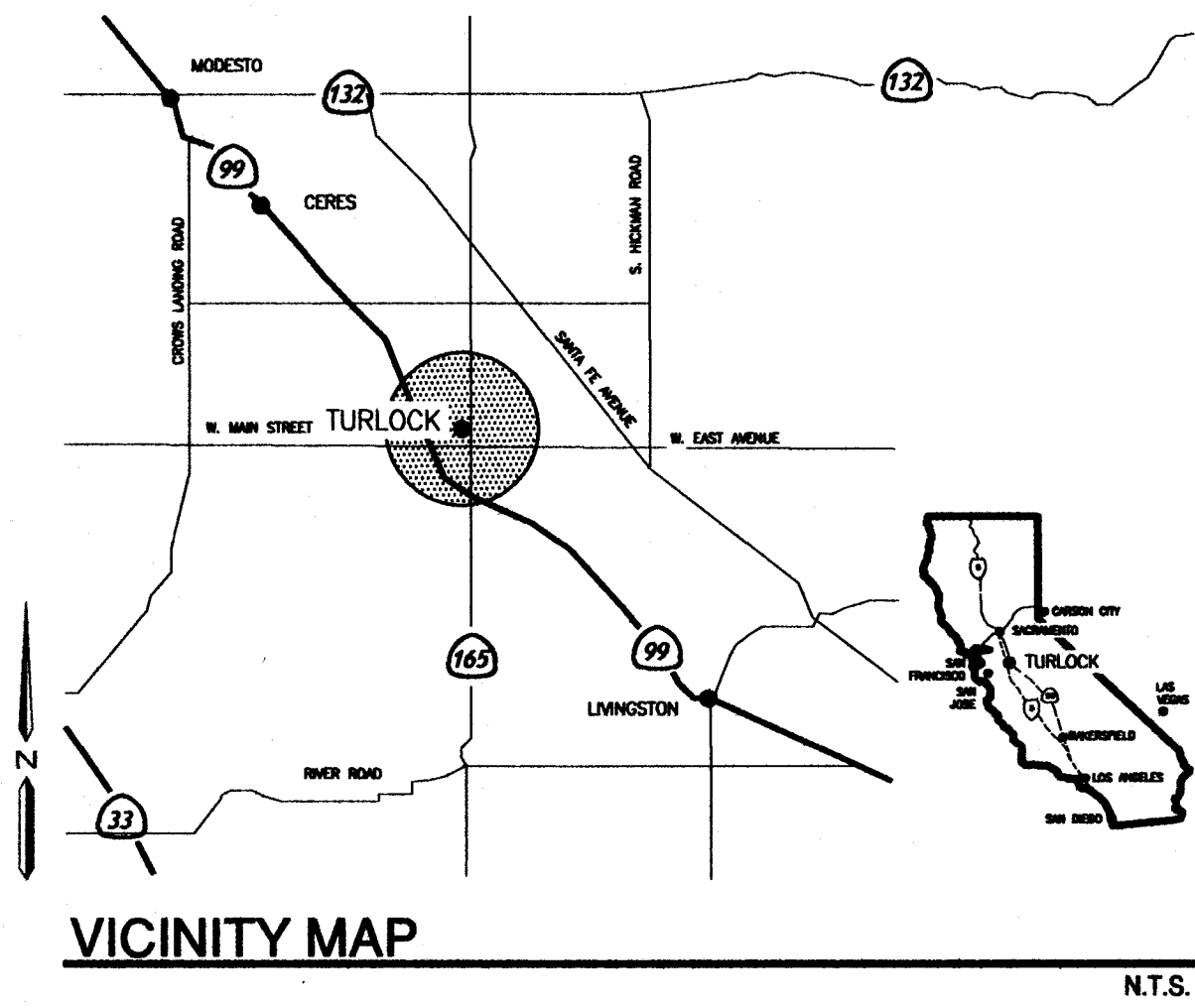
COMMUNITY FORESTRY DEPT. CONTACT: N/A

ADJACENT PROPERTY USES: NORTH - EXISTING RESIDENTIAL SUBDIVISION
SOUTH - EXISTING RESIDENTIAL SUBDIVISION
EAST - EXISTING RESIDENTIAL SUBDIVISION
WEST - EXISTING RESIDENTIAL SUBDIVISION

SOIL REPORT: NOTES: SOIL AMENDMENTS IN THE GENERAL PLANTING NOTES ARE FOR BID PURPOSES ONLY. ACTUAL AMENDMENTS SHALL REFLECT THE RECOMMENDATIONS OF THE REPORT ONCE FINAL MASS GRADING HAS BEEN PERFORMED AND SAMPLES HAVE BEEN SUBMITTED TO SOILS LAB.

DEFERRED SUBMITTALS

1. 34'X24' SHADE STRUCTURE
CONTRACTOR TO SUBMIT APPLICABLE PERMIT DOCUMENTATION
2. PRECAST CONCRETE SIGN
CONTRACTOR TO SUBMIT APPLICABLE PERMIT DOCUMENTATION
3. SOLAR POST LIGHT
CONTRACTOR TO SUBMIT APPLICABLE PERMIT DOCUMENTATION



VICINITY MAP

SHEET INDEX

- CS COVER SHEET
- C1.0 CIVIL NOTES SHEET
- C2.0 GRADING AND DRAINAGE PLAN
- C2.1 GRADING AND DRAINAGE PLAN
- C2.2 SUB-SURFACE GRADING AND DRAINAGE PLAN
- C2.3 CIVIL DETAILS AND SECTIONS
- C3.0 EROSION CONTROL PLAN AND DETAILS
- L2.0 SITE FEATURES AND FINISHES LEGEND AND NOTES
- L2.1 SITE FEATURES AND FINISHES PLAN
- L2.2 SITE FEATURES AND FINISHES PLAN & ENLARGEMENT PLAN
- L3.0 HORIZONTAL CONTROL PLAN
- L3.1 HORIZONTAL CONTROL PLAN
- L3.2 PLAYGROUND ENLARGEMENT PLAN
- L4.0 IRRIGATION LEGEND AND NOTES
- L4.1 IRRIGATION PLAN
- L4.2 IRRIGATION PLAN
- L5.0 PLANTING LEGEND AND NOTES
- L5.1 PLANTING PLAN
- L5.2 PLANTING PLAN
- L6.0 CONSTRUCTION DETAILS
- L6.1 CONSTRUCTION DETAILS
- L6.2 CONSTRUCTION DETAILS
- L7.0 IRRIGATION DETAILS
- L7.1 IRRIGATION DETAILS
- L8.0 PLANTING DETAILS
- E0.1 ELECTRICAL GENERAL NOTES AND ABBREVIATIONS
- E1.0 ELECTRICAL SITE PLAN
- E2.0 ELECTRICAL DETAILS

ABBREVIATIONS

BC	BOTTOM OF CURB	INV	INVERT ELEVATION
BW	BOTTOM OF WALL	MAX	MAXIMUM
BOW	BACK OF WALL	MIN	MINIMUM
CJ	TOOLED CONTROL JOINT	(N)	NEW
CL	CENTERLINE	OC	ON CENTER
CLR	CLEAR	PA	PLANTING AREA
CIP	CAST IN PLACE	PIP	POURED IN PLACE CONCRETE
CMU	CONCRETE MASONRY UNIT	POB	POINT OF BEGINNING
C	CONCRETE	R	RADIUS
DG	DECOMPOSED GRANITE	RIM	RIM ELEVATION
DWGS	DRAWINGS	RP	RADIUS POINT
(E) OR EX	EXISTING	SCD	SEE CIVIL DRAWINGS
EJ	EXPANSION JOINT	SED	SEE ELECTRICAL DRAWINGS
EQ	EQUAL	SIM	SIMILAR
FC	FACE OF CURB	SLD	SEE LANDSCAPE DRAWINGS
FDE	FINISH DECK ELEVATIONS	SP	SPACE
FF/FFE	FINISH FLOOR ELEVATION	TBD	TO BE DETERMINED
FG	FINISH GRADE	TC	TOP OF CURB
FL	FLOW LINE	TP	TOP OF PAVEMENT
FOW	FACE OF WALL	TW	TOP OF WALL
FS	FINISH SURFACE	TYP	TYPICAL
FV	FIELD VERIFY	UON	UNLESS OTHERWISE NOTED
HP	HIGH POINT		

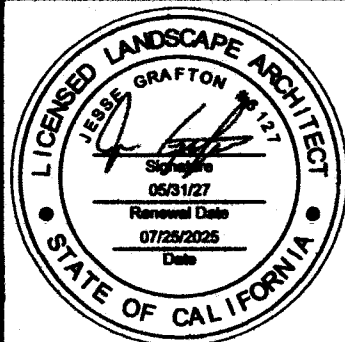
BID SUBMITTAL



Westwood
Westwood Professional Services, Inc.
1165 SCENIC DRIVE, SUITE A
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T: 209.571.1765
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LANDSCAPE IMPROVEMENT PLANS
COVER SHEET
JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025
DRAFTER: YC/TL
DESIGNER: TL/JG
CHECKED: JG
PROJECT NO. 38421



SHEET NO. CS
OF 28

Drawing: 1138421-Northeast Neighborhood Park_Turlock_LandscapeConstPlans188421-CGR.dwg Plot Date/Time: 7/25/2025 11:27 AM Last Saved By: DonEisen

GENERAL NOTES:

1. CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, 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 OWNER, ENGINEER AND THE CITY OF TURLOCK HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
2. UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE IMPROVEMENT PLANS ARE REFERENCED TO THE CENTER LINE OF THE STREET. ALL STATIONS ON THE CURBS ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTER LINE STATIONS, UNLESS OTHERWISE NOTED.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING FACILITIES.
4. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT EDITION OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" PUBLISHED BY THE STATE OF CALIFORNIA TRANSPORTATION AGENCY, DEPARTMENT OF TRANSPORTATION.
5. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT CITY IMPROVEMENT STANDARDS AND SPECIFICATIONS; AND THE LATEST EDITION OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS. CITY OF TURLOCK STANDARD PLANS ARE AVAILABLE AT THE ENGINEERING DIVISION.
6. THE OWNER IS RESPONSIBLE FOR ARRANGEMENTS TO PAY FOR ALL PASSING MATERIAL TESTING REQUIRED BY THE APPLICABLE INSPECTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE TO IT THAT ALL TESTING REQUIRED BY THE MUNICIPAL SERVICES INSPECTOR IS PERFORMED.
7. THE CONTRACTOR SHALL MEET WITH THE CITY OF TURLOCK AT LEAST (2) BUSINESS DAYS PRIOR TO START OF CONSTRUCTION WITH (1) BUSINESS DAY NOTICE REQUIRED BEFORE ALL INSPECTIONS. ALL ARRANGEMENTS FOR SITE INSPECTION ARE THE RESPONSIBILITY OF THE CONTRACTOR.
8. ALL CONSTRUCTION SHALL BE LIMITED TO BETWEEN THE HOURS OF 7:00 A.M. AND 5:00 P.M., MONDAY THROUGH FRIDAY AND INSPECTION REQUESTS SHALL BE LIMITED TO NORMAL CITY BUSINESS HOURS: 7:00 A.M. THROUGH 4:00 P.M. MONDAY THROUGH FRIDAY. ARRANGEMENTS FOR ANY OVERTIME INSPECTION SERVICES AND PAYMENT OF FEES FOR SAME SHOULD BE MADE (2) BUSINESS DAYS IN ADVANCE AND ARE SUBJECT TO INSPECTION AVAILABILITY AND APPROVAL BY THE CITY ENGINEER.
9. THE CITY OF TURLOCK OR ASSOCIATED UTILITY COMPANY AND RESIDENCES TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION OTHER THAN SPECIFIED ON THESE IMPROVEMENT PLANS AND A (2) BUSINESS DAY NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION.
10. DUST SHALL BE CONTROLLED BY THE CONTRACTOR AS PER SECTION 18 OF THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS AND THE CITY OF TURLOCK SPECIFICATIONS. WATER FOR DUST CONTROL AND USE FOR COMPACTION MAY BE PURCHASED FROM THE APPROPRIATE AGENCY PRIOR TO START OF ANY WORK, AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR FOR ANY FEES OR DEPOSITS. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN CLEANLINESS OF THE EXISTING IMPROVED STREETS IN THE CONSTRUCTION AREA.
11. CONSTRUCTION EQUIPMENT SHALL UTILIZE HAVERFORD ROAD AND TATE STREET FOR ACCESS.
12. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING EXISTING IMPROVEMENTS TO REMAIN SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND REPLACEMENT OF EXISTING IMPROVEMENTS. NO ADDITIONAL PAYMENT WILL BE MADE FOR DAMAGED EXISTING IMPROVEMENTS CALLED OUT TO BE PROTECTED.
13. THE CONTRACTOR IS TO MAKE PROVISIONS FOR TRENCH SPOILS.
14. SAWCUT ALL TRENCHES IN EXISTING PAVEMENT.
15. THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION OF ALL UTILITY TRENCHES.
16. THE EARTHWORK IS INTENDED TO BALANCE WITH NO NEED FOR IMPORT OR EXPORT.IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE DESIGN ENGINEER OF ANY ANTICIPATED SOILS IMBALANCE SO GRADES CAN BE ADJUSTED. ADJUSTMENTS REQUIRE THE APPROVAL OF THE CITY ENGINEER.
17. DRAWING NUMBERS SHOWN ON THE PLANS REFER TO DRAWINGS CONTAINED IN THE CITY OF TURLOCK IMPROVEMENT STANDARDS AND SPECIFICATIONS, SHOWN THUS; (I. E. STD. SD--4)
18. CONTRACTOR SHALL FURNISH CERTIFICATES OF COMPLIANCE TO THE CITY FOR CRUSHED MISCELLANEOUS BASE MATERIAL AND FOR THE SPECIFIED CLASS OF P.C.C.
19. IN AREAS WHICH ARE TO RECEIVE HMA, P.C.C., OR AGGREGATE BASE, THE CONTRACTOR SHALL MAINTAIN SUBGRADE AT THE AS--GRADED WATER CONTENT. IF THE SUBGRADE IS ALLOWED TO DRY, THE WATER CONTENT OF SOIL SHOULD BE RAISED TO THE RECOMMENDED VALUE SPECIFIED FOR THE PROJECT.
20. STREET SIGNS, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS SHOWN ON THESE PLANS.
21. THE CONTRACTOR SHALL SECURE A TRENCH PERMIT FROM THE CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF OCCUPATIONAL SAFETY AND HEALTH PRIOR TO EXCAVATION OF ANY PRIOR TO THE EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH.
22. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION AND SHALL NOTIFY UTILITIES (2) BUSINESS DAYS IN ADVANCE OF ANY CONSTRUCTION.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE REMOVAL OR RELOCATIONS OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
24. IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATIONS. THE ENGINEER'S INTERPRETATION OR CORRECTION THEREOF SHALL BE CONCLUSIVE.
25. THESE IMPROVEMENT PLANS HAVE BEEN PREPARED WITH THE INTENT THAT WESTWOOD PROFESSIONAL SERVICES WILL PERFORM THE CONSTRUCTION SURVEYING FOR THE COMPLETE PROJECT. IF ANOTHER FIRM IS RETAINED FOR

- CONSTRUCTION SURVEYING, NOTICE IS HEREBY GIVEN THAT WESTWOOD PROFESSIONAL SERVICES ASSUMES NO RESPONSIBILITY FOR ERRORS OR OMISSIONS WHICH COULD HAVE BEEN AVOIDED, CORRECTED, OR MITIGATED IF WESTWOOD PROFESSIONAL SERVICES HAD PERFORMED THE CONSTRUCTION SURVEY.
26. FOR ALL WORK WITHIN PUBLIC RIGHT-OF-WAYS, THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT AND SHALL PRESERVE THE INTEGRITY AND LOCATION OF ANY AND ALL PUBLIC UTILITIES, STREET IMPROVEMENTS AND PROVIDE NECESSARY CONSTRUCTION TRAFFIC CONTROL. THE CONTRACTOR SHALL THROUGH THE ENCROACHMENT PERMIT PROCESS, VERIFY WITH THE CITY OF TURLOCK THE NEED FOR ANY DETOUR PLAN. IF A PLAN IS REQUIRED, CONTRACTOR SHALL PROVIDE PLAN AND RECEIVE APPROVAL PRIOR TO CONSTRUCTION.
27. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL STORM DRAIN STRUCTURES AND OTHER FACILITIES. AS--BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
28. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE CITY, ONE SET OF NEATLY MARKED AS--BUILT RECORD DRAWINGS INCLUDING THE INFORMATION REQUIRED ABOVE. AS--BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS--BUILT RECORD DRAWINGS SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITIONED TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL CITY ACCEPTANCE. THE ENGINEER SHALL PROVIDE THE CITY WITH A COMPLETE REPRODUCIBLE AS--BUILTS RECORD DRAWING SET.
29. WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE HIGHEST QUALITY ARE TO BE USED.
30. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
31. THE CONTRACTOR SHALL EXERCISE DUE CAUTION AND SHALL CAREFULLY PRESERVE BENCH MARKS, MONUMENTS, SURVEY CONTROL, REFERENCE POINTS AND ALL SURVEY STAKES, AND SHALL BEAR ALL EXPENSES FOR REPLACEMENT AND/OR ERRORS CAUSED BY THEIR UNNECESSARY LOSS OR DISTURBANCE.
32. CONTRACTOR SHALL COMPLY WITH BUSINESS AND PROFESSIONS CODE SECTION 8771(b) REGARDING REFERENCING, PRESERVING, AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN PLANS.
33. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL CURRENT STANDARDS FOR THE CITY OF TURLOCK ARE FOLLOWED AS WELL AS TO HAVE EACH UTILITY COMPANY LOCATE, IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (USA) (2) BUSINESS DAYS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL FREE NUMBER (800) 642-2444. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER AND FURNISH ORDER NUMBER TO OWNER PRIOR TO ANY EXCAVATION. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS TO THEM DURING THE PERFORMANCE OF THIS CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.
34. WE CALL YOUR ATTENTION TO TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 1540 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS ISSUED BY THE OCCUPATION SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONS SAFETY AND HEALTH ACT OF 1973 AS AMENDED WHICH STATES: (1) PRIOR TO OPENING AND EXCAVATION, EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS; I.E., SEWER, WATER, FUEL, ELECTRIC LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH AN INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND, WHEN IT IS UNCOVERED ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST (2) BUSINESS DAYS PRIOR TO THE START OF ACTUAL EXCAVATION.

CLEARING NOTES:

1. THE CONTRACTOR SHALL REVIEW SITE PRIOR TO BIDDING. ALL VEGETATION, STRUCTURES, TREES, DELETERIOUS MATERIAL, IRRIGATION, ETC. SHALL BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.

DUST CONTROL NOTES:

1. SPRAY WATER ON ALL EXPOSED EARTH SURFACES DURING CLEARING, GRADING, EARTH MOVING AND OTHER SITE PREPARATION ACTIVITIES THROUGHOUT THE DAY TO MINIMIZE DUST. USE TARPULLINS OR OTHER EFFECTIVE COVERS ON ALL STOCKPILED EARTH MATERIAL AND ON ALL HAUL TRUCKS TO MINIMIZE DUST. SWEEP THE ADJACENT STREET FRONTAGES AT LEAST ONCE A DAY OR AS NEEDED TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES. ENSURE THAT CONSTRUCTION VEHICLES ARE CLEANED PRIOR TO LEAVING THE SITE TO PREVENT DUST AND DIRT FROM BEING TRACKED OFF SITE.
2. ALL EXPOSED SURFACES SHALL BE WATERED A MINIMUM OF TWICE DAILY UNLESS DEEMED UNNECESSARY DUE TO WEATHER. WATER SHALL BE APPLIED AS PROVIDED IN SECTION 18 OF CALTRANS STANDARD SPECIFICATIONS.
3. DUST PALLIATIVES MAY BE SUBSTITUTED FOR WATERING UPON THE APPROVAL OF THE CITY ENGINEER. DUST PALLIATIVES SHALL BE APPLIED AS PROVIDED IN SECTION 18 OF CALTRANS STANDARD SPECIFICATIONS.
4. ALL EXPOSED EARTH SURFACES SHALL BE PLANTED OR STABILIZED IN ACCORDANCE WITH THE PROJECT DOCUMENTS AND ALL APPLICABLE PERMITS.

HARDSCAPE MATERIALS:

THE FOLLOWING MATERIALS SHALL BE USED FOR CONSTRUCTION AND SHALL CONFORM TO THE LATEST EDITION OF THE APPLICABLE STANDARD NOTED BELOW:

MATERIAL	STANDARD
CONCRETE	PER CITY OF TURLOCK STANDARD SPECIFICATIONS OR SECTION 40 OF CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION
AGGREGATE BASE	PER CITY OF TURLOCK STANDARD SPECIFICATIONS OR SECTION 89 OF CALTRANS STANDARD SPECIFICATIONS, LATEST EDITION

STORM DRAIN NOTES:

1. THE CONTRACTOR SHALL EXPOSE ALL EXISTING STORM DRAIN PIPES WHERE A CONNECTION IS TO BE MADE SO THAT THE ENGINEER CAN VERIFY EXISTING FLOWLINES AND LOCATIONS BEFORE START OF CONSTRUCTION.
2. CONTRACTOR TO BE RESPONSIBLE FOR ALL TESTING OF STORM DRAIN FACILITIES IN ACCORDANCE WITH THE CITY OF TURLOCK STANDARD SPECIFICATIONS, CHAPTER 16.
3. CONTRACTOR TO BACKFILL TRENCHES IN ACCORDANCE WITH THE APPLICABLE MANUFACTURER'S RECOMMENDATIONS, AGENCY STANDARD, OR GEOTECHNICAL REPORT, WHICHEVER IS MOST STRINGENT.

STORM DRAIN PIPE MATERIALS:

THE FOLLOWING STANDARD PIPE MATERIALS SHALL BE USED FOR STORM DRAIN CONSTRUCTION AND SHALL CONFORM TO THE LATEST EDITION OF THE APPLICABLE STANDARD NOTED BELOW:

PIPE MATERIALS	STANDARD
PVC <18"	ASTM D3034; SDR 26
PVC 18"-24"	ASTM F679; PS115

PERFORATED PIPES SHALL BE WRAPPED IN UNWOVEN FILTER FABRIC OR FILTER SOCK TO PROTECT AGAINST CLOGGING.

SEWER PIPE MATERIALS:

THE FOLLOWING STANDARD PIPE MATERIALS SHALL BE USED FOR GRAVITY SEWER CONSTRUCTION AND SHALL CONFORM TO THE LATEST EDITION OF THE APPLICABLE STANDARD NOTED BELOW:

PIPE MATERIALS	STANDARD
PVC <18"	ASTM D3034; SDR 26

BENCHMARK:

SEE TOPOGRAPHIC SURVEY DRAWINGS PREPARED BY WESTWOOD PROFESSIONAL SERVICES ON 8/19/2024 FOR BENCHMARK INFORMATION.

MONUMENT PRESERVATION:

CONTRACTOR MUST ENSURE THAT MONUMENT CONSERVATION HAS BEEN PROPERLY ADDRESSED. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ON THIS SITE, IT IS ADVISED THAT ALL INVOLVED PARTIES REVIEW SECTION 8771 AND SECTION 8725 OF THE CALIFORNIA BUSINESS AND PROFESSIONS CODE, AND SECTION 605 OF THE CALIFORNIA PENAL CODE REGARDING REFERENCING, PRESERVING, AND RECONSTRUCTING MONUMENTS, WHETHER OR NOT MONUMENTS ARE SHOWN IN PLANS.

ABBREVIATIONS

±	PLUS OR MINUS	PP	POWER POLE
AB	AGGREGATE BASE	PUE	PUBLIC UTILITY EASEMENT
AC	ASPHALT CONCRETE	PVC	POLYVINYL CHLORIDE PIPE
ADA	AMERICANS WITH DISABILITY ACT	P, PV, or PVMT	PAVEMENT
BC	BEGINNING OF CURVE	R	RADIUS
BDRY	BOUNDARY	RCP	REINFORCED CONCRETE PIPE
BM	BENCH MARK	RET	RETURN
BO	BLOW-OFF	R/W	RIGHT OF WAY
BOC	BACK OF CURB	S/W	SIDEWALK
BVC	BEGIN VERTICAL CURVE	S or SS	SANITARY SEWER
BW	BACK OF WALK	SD	STORM DRAIN
C&G	CURB AND GUTTER	SHT	SHEET
CB	CATCH BASIN	SNS	STREET NAME SIGN
CO	CLEANOUT	SP	STANDPIPE
℄	CENTER LINE	STA	STATION
C or CONC	CONCRETE	STD	STANDARD
D.I.P.	DUCTILE IRON PIPE	TBM	TEMPORARY BENCH MARK
EC	END OF CURVE	TC	TOP OF CURB
ELEV	ELEVATION	TEMP	TEMPORARY
EP	EDGE OF PAVEMENT	THRU	THROUGH
EVC	END VERTICAL CURVE	VC	VERTICAL CURVE
ESMT	EASEMENT	VCP	VITRIFIED CLAY PIPE
EX or EXIST	EXISTING	VERT	VERTICAL
FH	FIRE HYDRANT	W	WATER
℄	FLOW LINE	W.N.O.	UNLESS NOTED OTHERWISE
FS	FINISH SURFACE	UP	UTILITY POLE
FSS	FINISHED SUB-SURFACE	TAB	TOP OF AGGREGATE BASE
GB	GRADE BREAK	TP.	TYPICAL
HORIZ	HORIZONTAL		
HP	HIGH POINT		
INV.	INVERT		
IRR	IRRIGATION		
LF	LINAL FEET		
MAX	MAXIMUM		
MH	MANHOLE		
MIN	MINIMUM		
N.T.S.	NOT TO SCALE		
P.C.C.	PORTLAND CEMENT CONCRETE		
PCC	POINT OF COMPOUND CURVE		
℄	PROPERTY LINE		

LEGEND

EXISTING	PROPOSED	
		ACCESSIBLE PARKING STRIPING
		AREA DRAIN
		BACKFLOW PREVENTOR
		BENCHMARK
		BOLLARD
		CATCH BASIN
		CLEAN OUT
		CONTOUR WITH ELEVATION
		DOOR
		DOUBLE DETECTOR CHECK VALVE
		ELECTRIC METER/BOX
		ELECTROLUER
		ELEVATION W/ DESCRIPTION
		FIRE DEPARTMENT CONNECTION
		FIRE HYDRANT
		GAS METER/BOX
		HOSE BIB
		POST INDICATOR VALVE
		SANITARY SEWER MANHOLE
		SIGN
		STORM DRAIN MANHOLE
		STREET/SITE LIGHT PULL BOX
		TELECOMMUNICATIONS BOX
		TELECOMMUNICATIONS MANHOLE
		THRUST BLOCK
		TRAFFIC SIGNAL
		TRAFFIC SIGNAL BOX
		TREES W/ DRIP LINE
		UNDERGROUND UTILITY LINE LABEL AND DIRECTION
		UTILITY POLE
		UTILITY VALVE
		WALL (HEIGHT/TYPE NOTED)
		WATER METER/BOX

	CONCRETE
	PAVEMENT
	GRAVEL/AB
	BRICK/PAVERS
	LANDSCAPE

Westwood

Westwood Professional Services, Inc.

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1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350

LANDSCAPE IMPROVEMENT PLANS
CIVIL NOTES SHEET

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025

DRAFTER: JVE

DESIGNER: RG

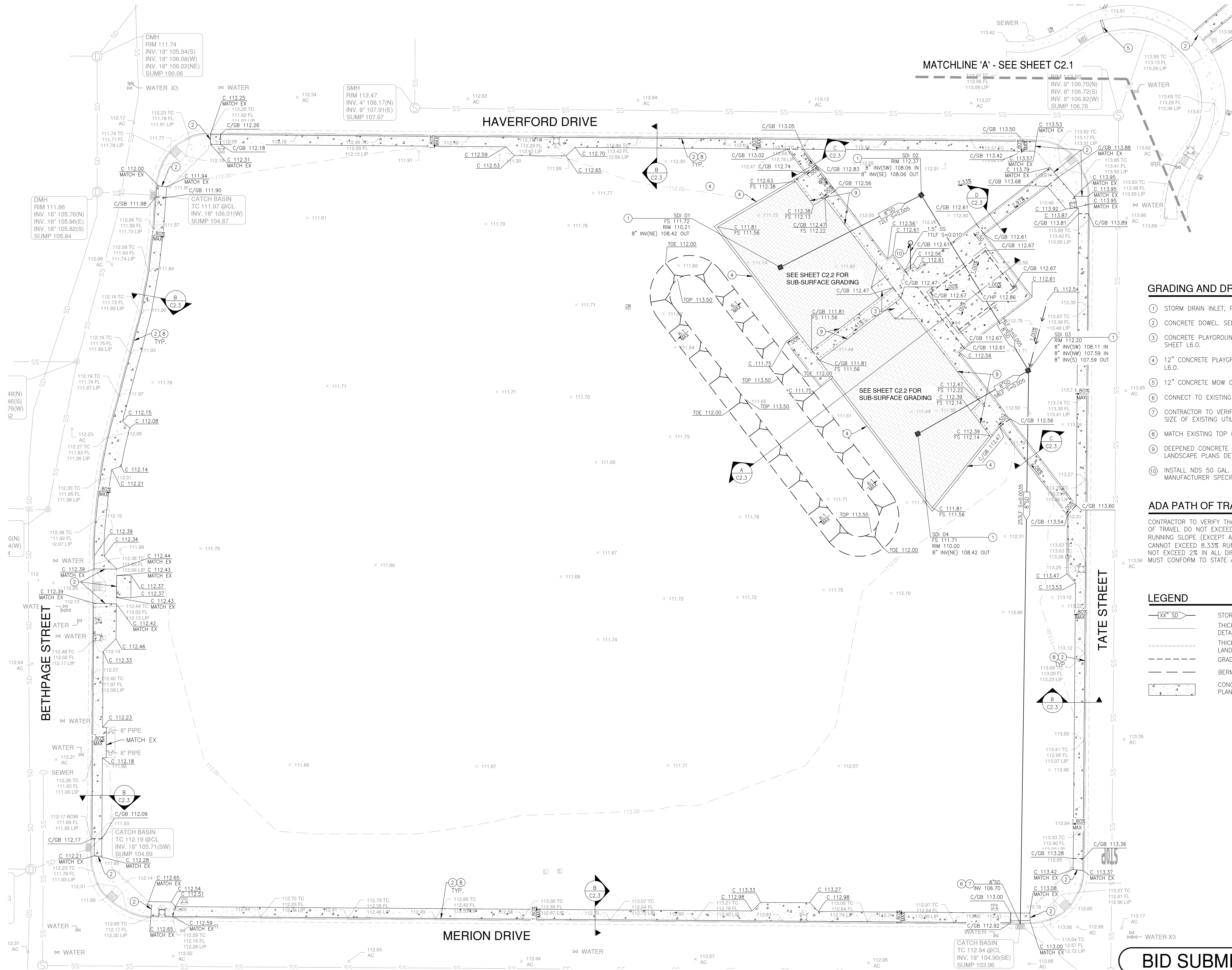
CHECKED: SSK

PROJECT NO.
38421

SHEET NO.
C1.0
OF
28

811

Know what's below.
Call before you dig.



GRADING AND DRAINAGE NOTES

- 1 STORM DRAIN INLET, PER DETAIL 1, SHEET C2.3.
- 2 CONCRETE DOWEL. SEE DETAIL 3, SHEET C2.3.
- 3 CONCRETE PLAYGROUND ACCESS RAMP PER DETAIL 4, SHEET L6.0.
- 4 12" CONCRETE PLAYGROUND CURB PER DETAIL 6, SHEET L6.0.
- 5 12" CONCRETE MOW CURB PER DETAIL 3, SHEET L6.0.
- 6 CONNECT TO EXISTING STORM DRAIN SYSTEM.
- 7 CONTRACTOR TO VERIFY EXACT LOCATION, DEPTH, AND SIZE OF EXISTING UTILITY LINE PRIOR TO CONSTRUCTION.
- 8 MATCH EXISTING TOP OF CURB.
- 9 DEEPEENED CONCRETE PLAYGROUND CURB PER LANDSCAPE PLANS DETAIL 5, SHEET L6.0.
- 10 INSTALL NDS 50 GAL. FLO-WELL® DRYWELL SYSTEM PER MANUFACTURER SPECIFICATIONS.

ADA PATH OF TRAVEL NOTE

CONTRACTOR TO VERIFY THAT ALL SLOPES ALONG ADA PATH OF TRAVEL DO NOT EXCEED 2% CROSS SLOPE AND 5% RUNNING SLOPE (EXCEPT AT RAMP LOCATIONS, WHICH CANNOT EXCEED 8.33% RUNNING SLOPE). LANDINGS SHALL NOT EXCEED 2% IN ALL DIRECTIONS. ADA PATH OF TRAVEL MUST CONFORM TO STATE AND FEDERAL REGULATION.

LEGEND

- XX" SD STORM DRAIN LINE PER DETAIL 2 SHEET C2.3. THICKENED EDGE AT SOD PER LANDSCAPE PLANS DETAIL 1, SHEET L6.0.
- THICKENED EDGE AT PLAYGROUND PER LANDSCAPE PLANS DETAIL 5, SHEET L6.0.
- GRADE BREAK
- BERM TOE/TOP
- CONCRETE PAVING PER LANDSCAPE PLANS DETAIL 1, SHEET L6.0.

BID SUBMITTAL



NO.	DESCRIPTION	DATE	BY

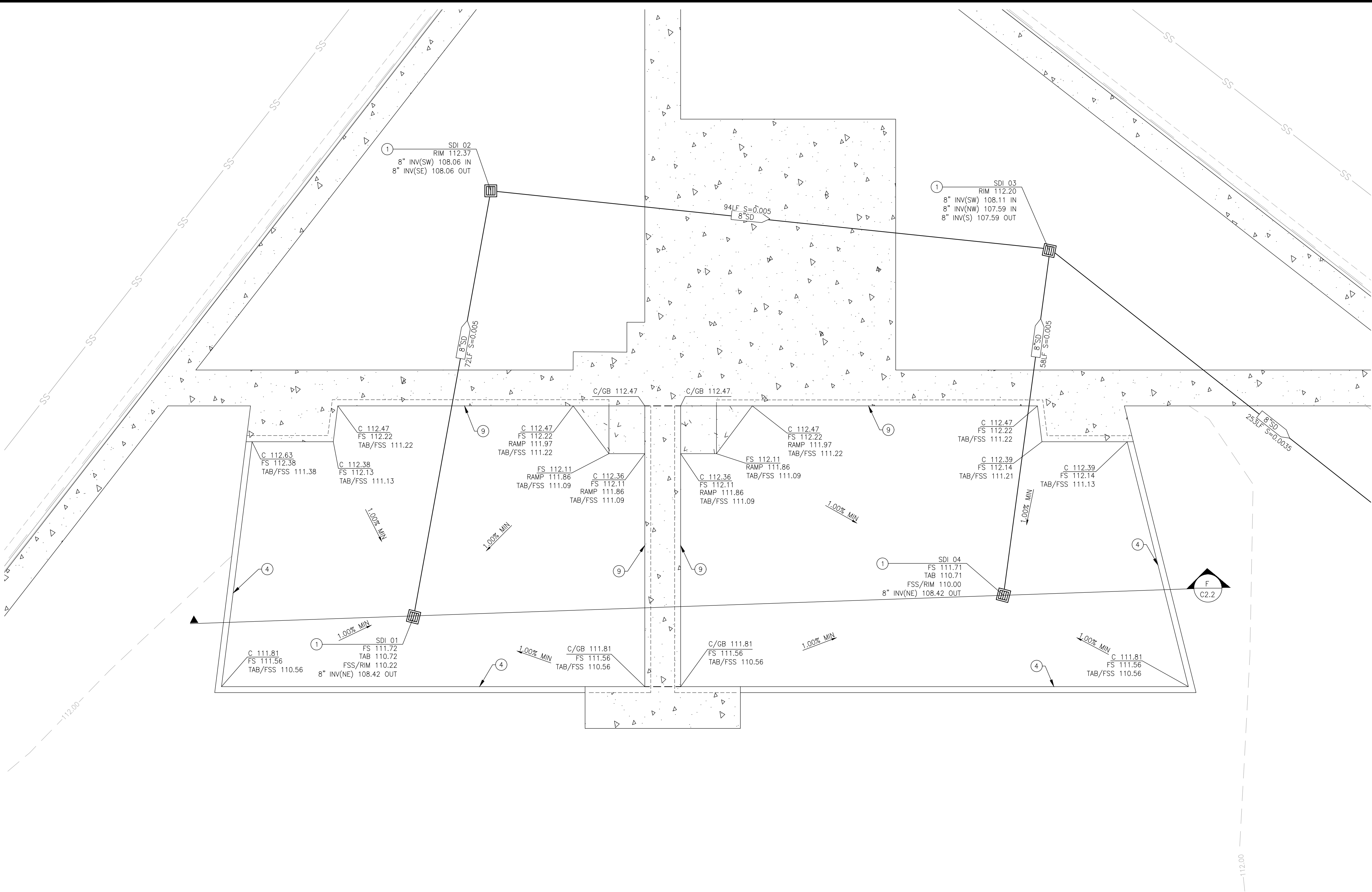
LANDSCAPE IMPROVEMENT PLANS
GRADING AND DRAINAGE PLAN

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

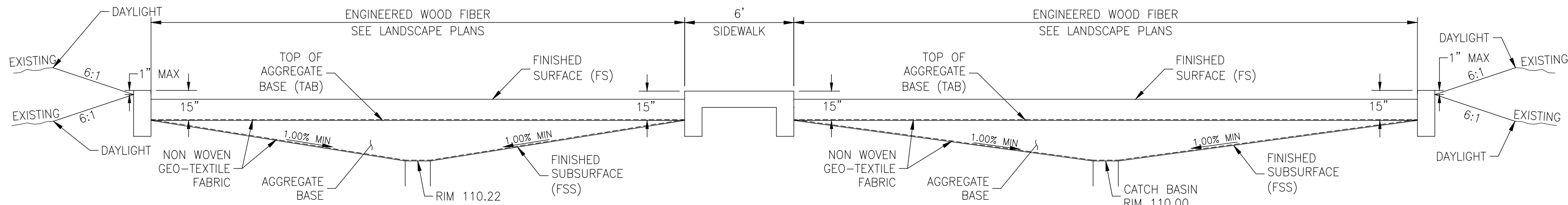
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PROJECT NO.	38421



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SUB-SURFACE GRADING DETAIL



F TYPICAL SUBSECTION

NOT TO SCALE

GRADING AND DRAINAGE NOTES

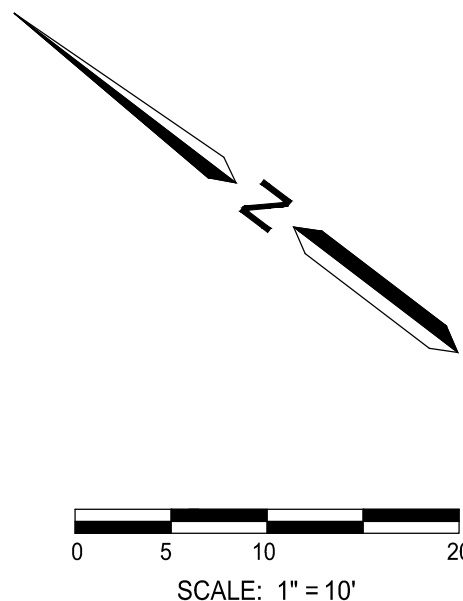
- 1 STORM DRAIN INLET, PER DETAIL 1, SHEET C2.3.
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- THICKENED EDGE AT SOD PER LANDSCAPE PLANS DETAIL 1, SHEET L6.0.
- THICKENED EDGE AT PLAYGROUND PER LANDSCAPE PLANS DETAIL 5, SHEET L6.0.
- GRADE BREAK
- BERM TOE/TOP
- CONCRETE PAVING PER LANDSCAPE PLANS DETAIL 1, SHEET L6.0.



BID SUBMITTAL



NO.	DESCRIPTION	DATE	BY

LANDSCAPE IMPROVEMENT PLANS
SUB-SURFACE GRADING AND DRAINAGE PLAN

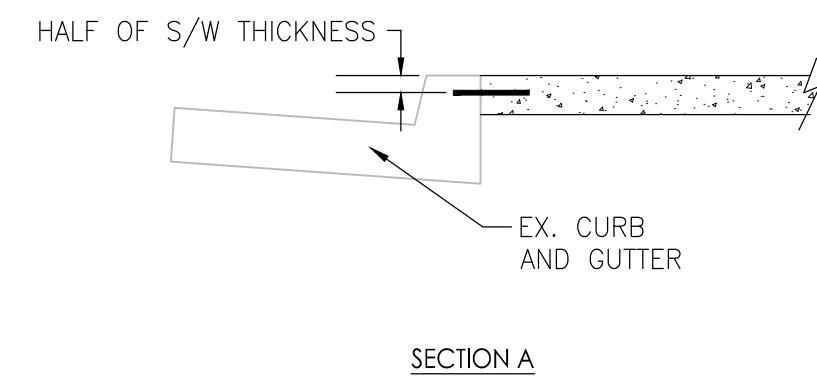
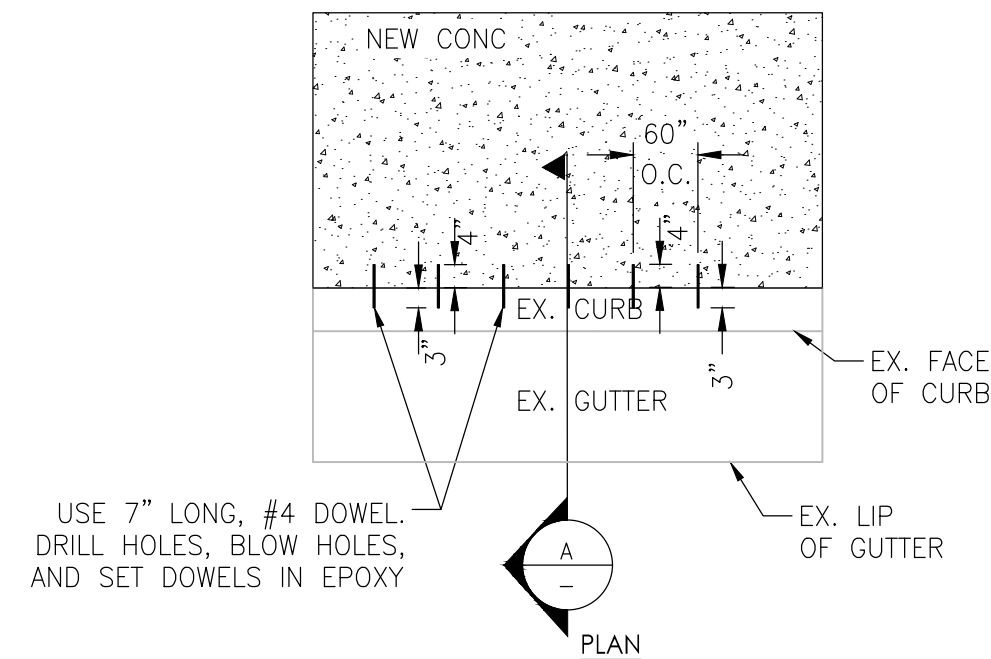
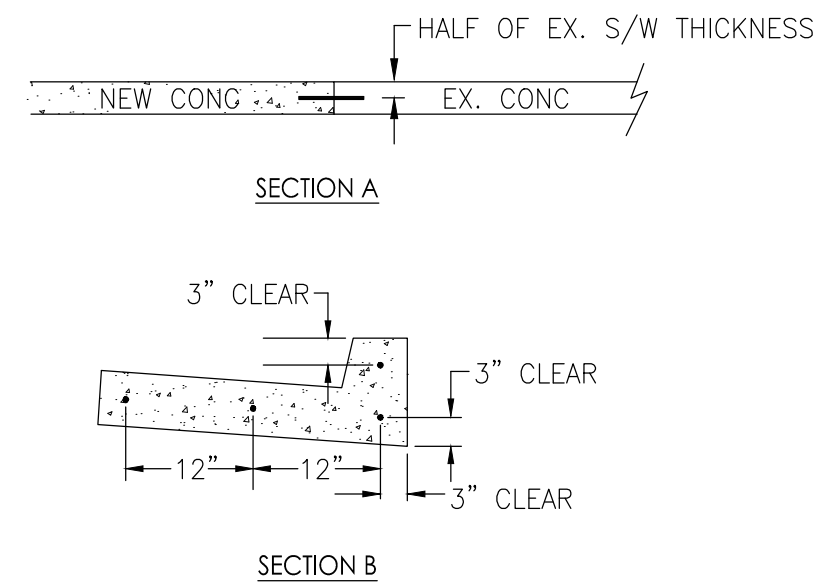
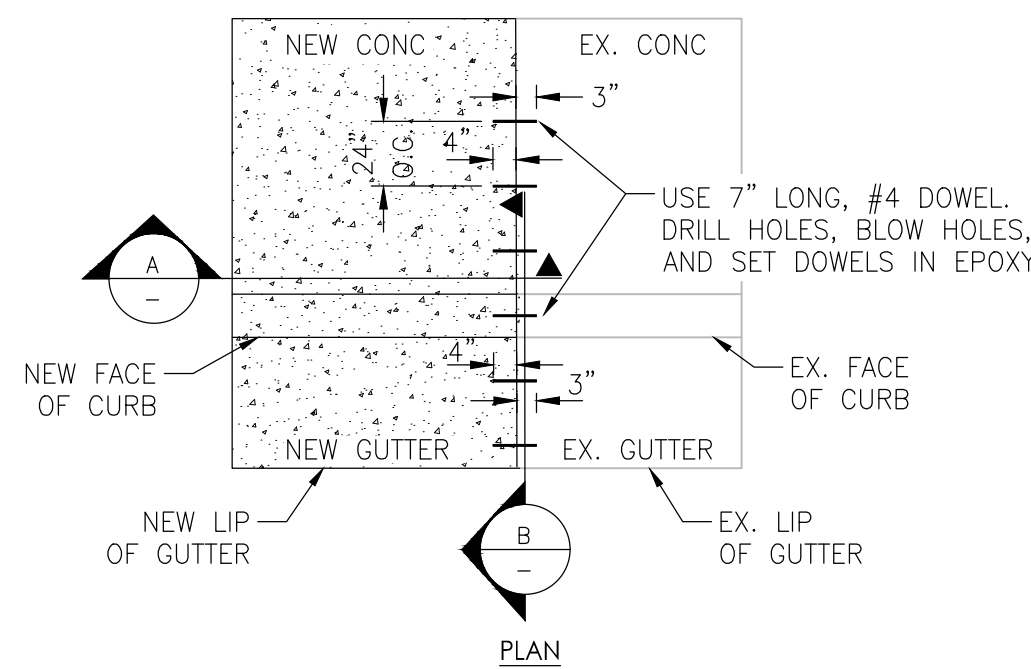
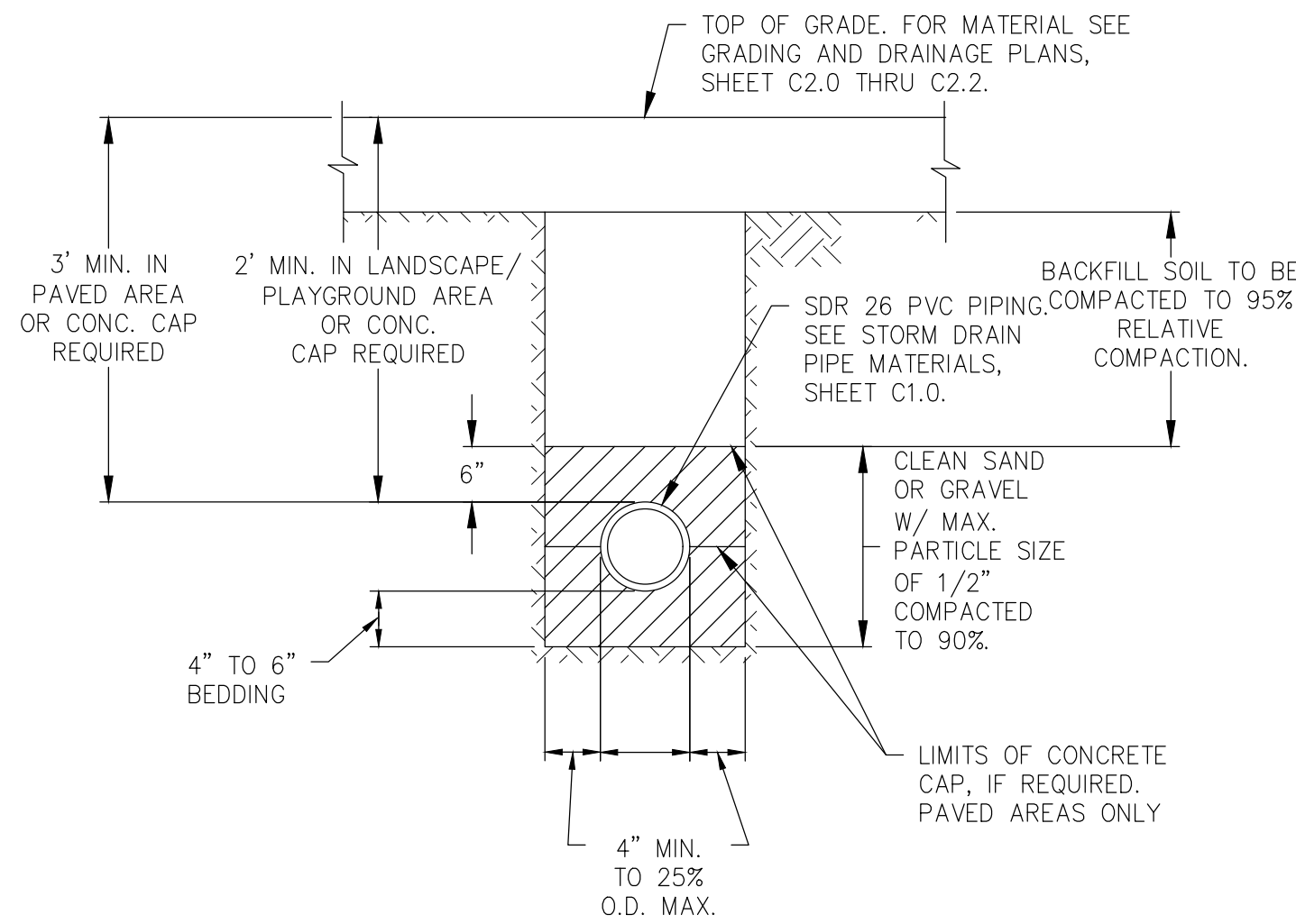
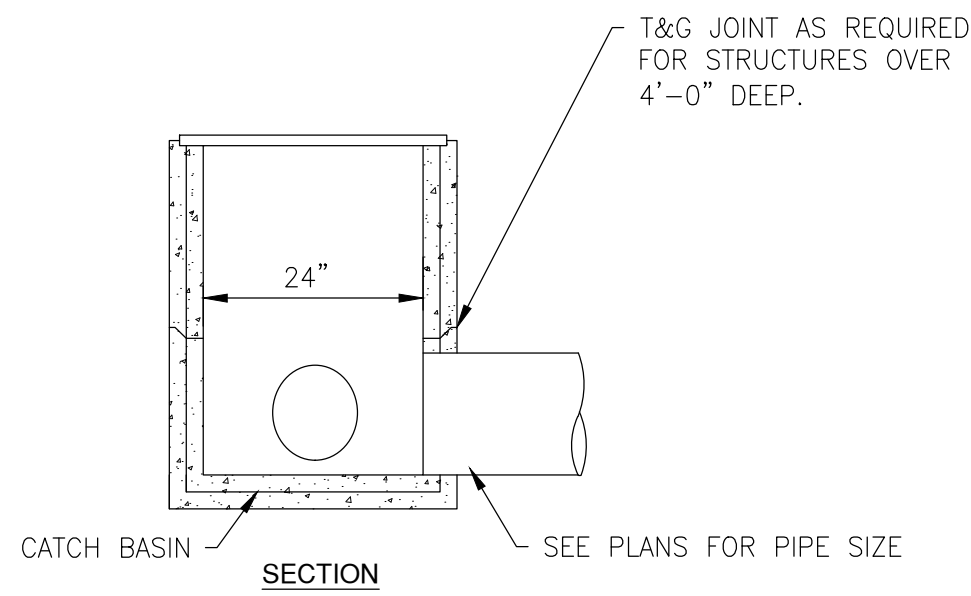
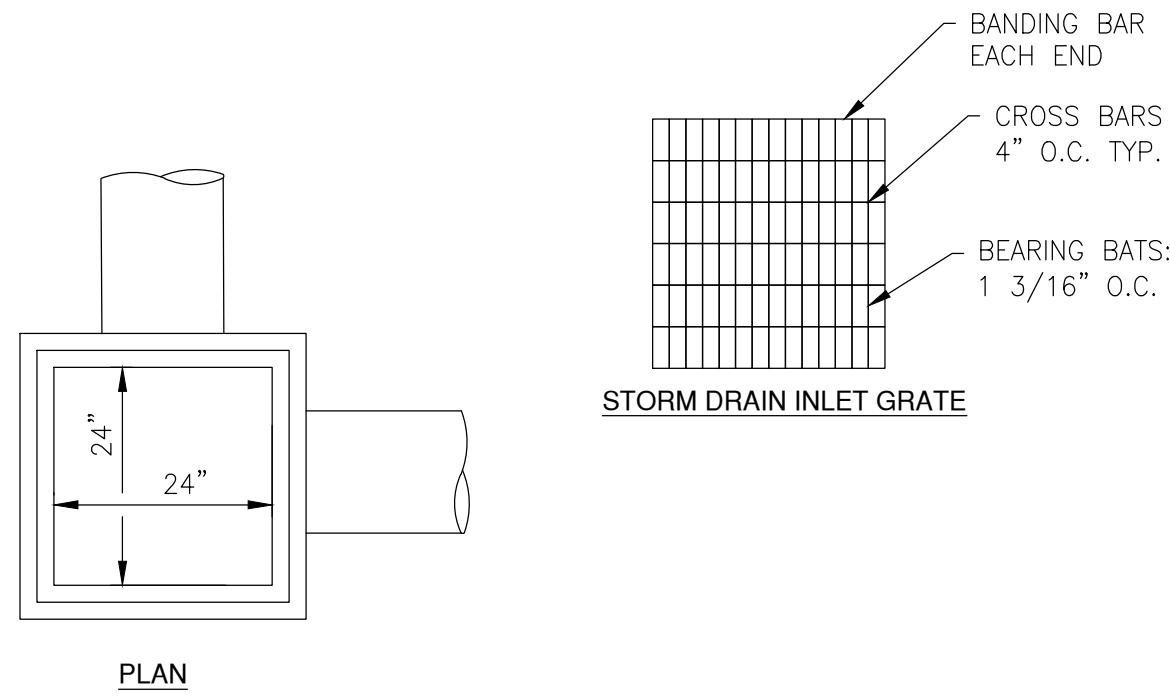
JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE:	07/25/2025
DRAFTER:	JVE
DESIGNER:	RG
CHECKED:	SSK
PROJECT NO.	38421



SHEET NO.	C2.2
OF	28

1. FRAMES AND GRATES SHALL BE DESIGNED FOR H10 LOADING.
2. SIZE OF GRATE SHALL MATCH THE WIDTH OF CATCH BASINS.



1 STORM DRAIN INLET

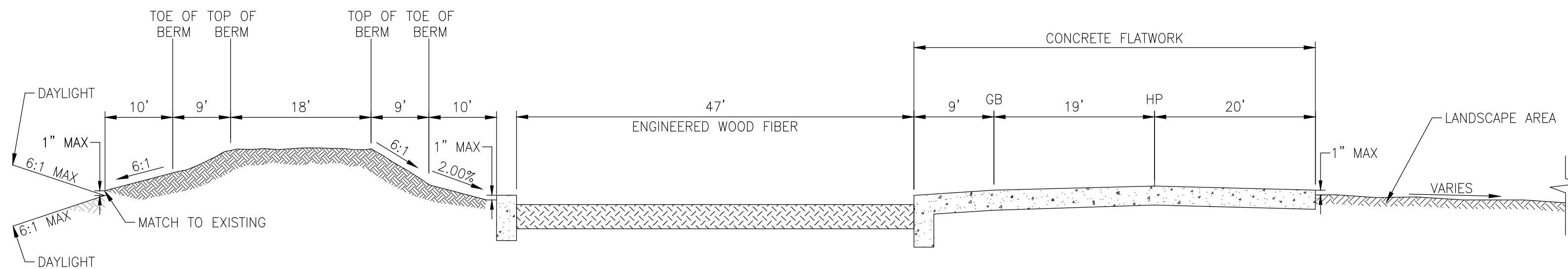
NOT TO SCALE

2 PVC PIPE BEDDING DETAIL

NOT TO SCALE

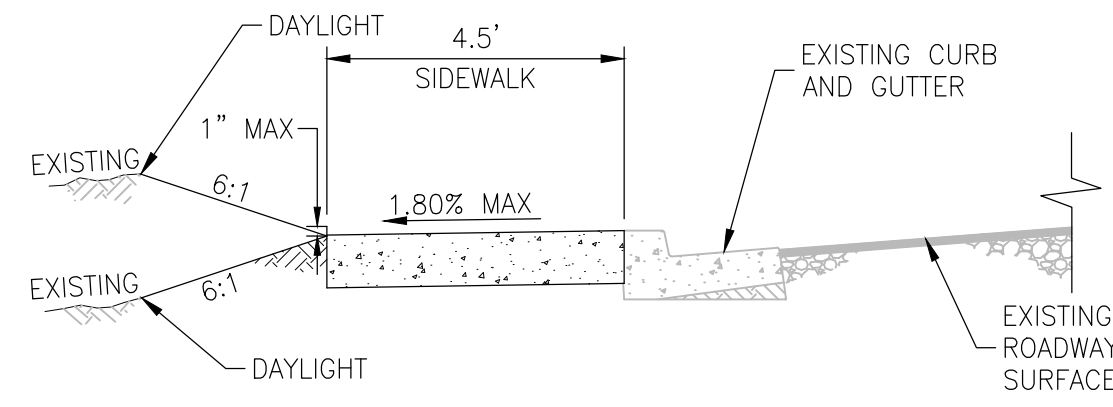
3 CONCRETE DOWEL

NOT TO SCALE



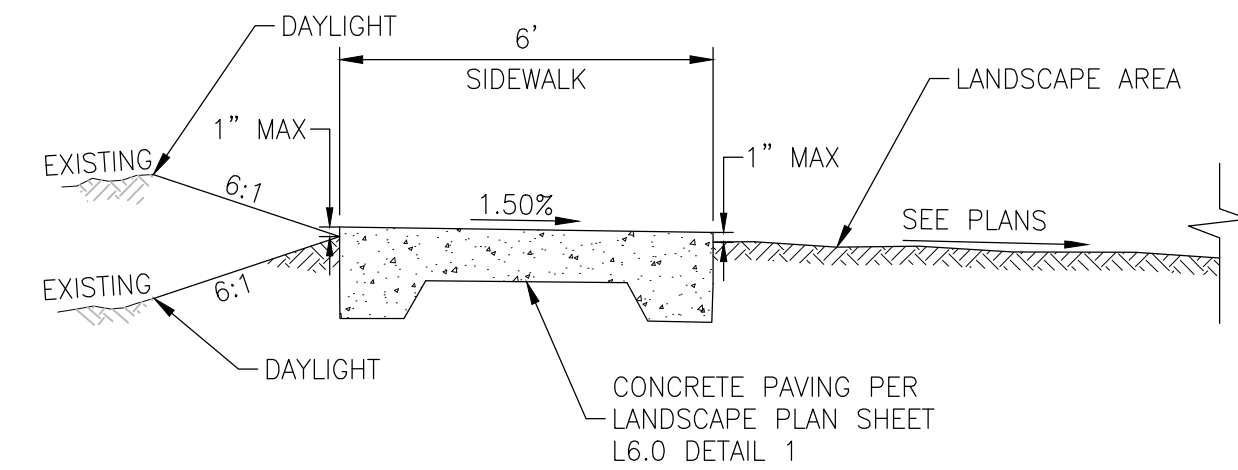
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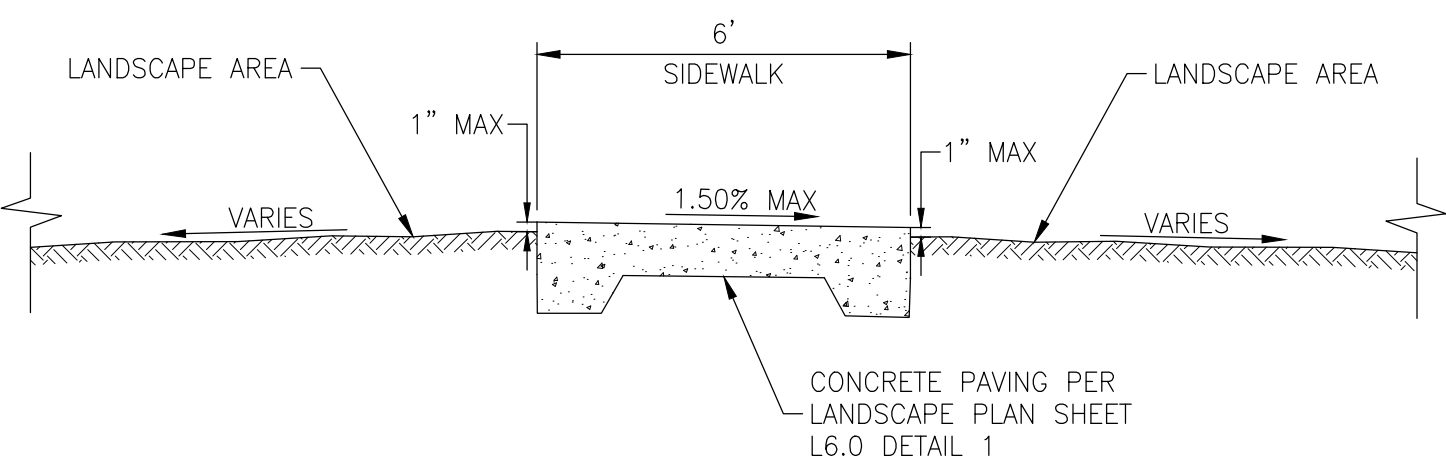
B TYPICAL SECTION

NOT TO SCALE



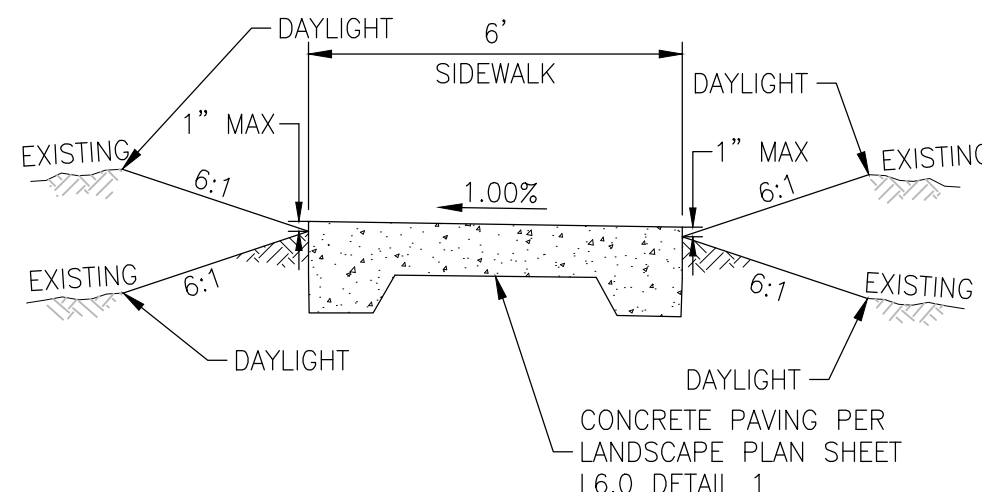
C TYPICAL SECTION

NOT TO SCALE



D TYPICAL SECTION

NOT TO SCALE



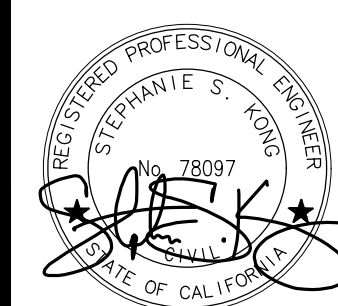
E TYPICAL SECTION

NOT TO SCALE

LANDSCAPE IMPROVEMENT PLANS
CIVIL DETAILS AND SECTIONS

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

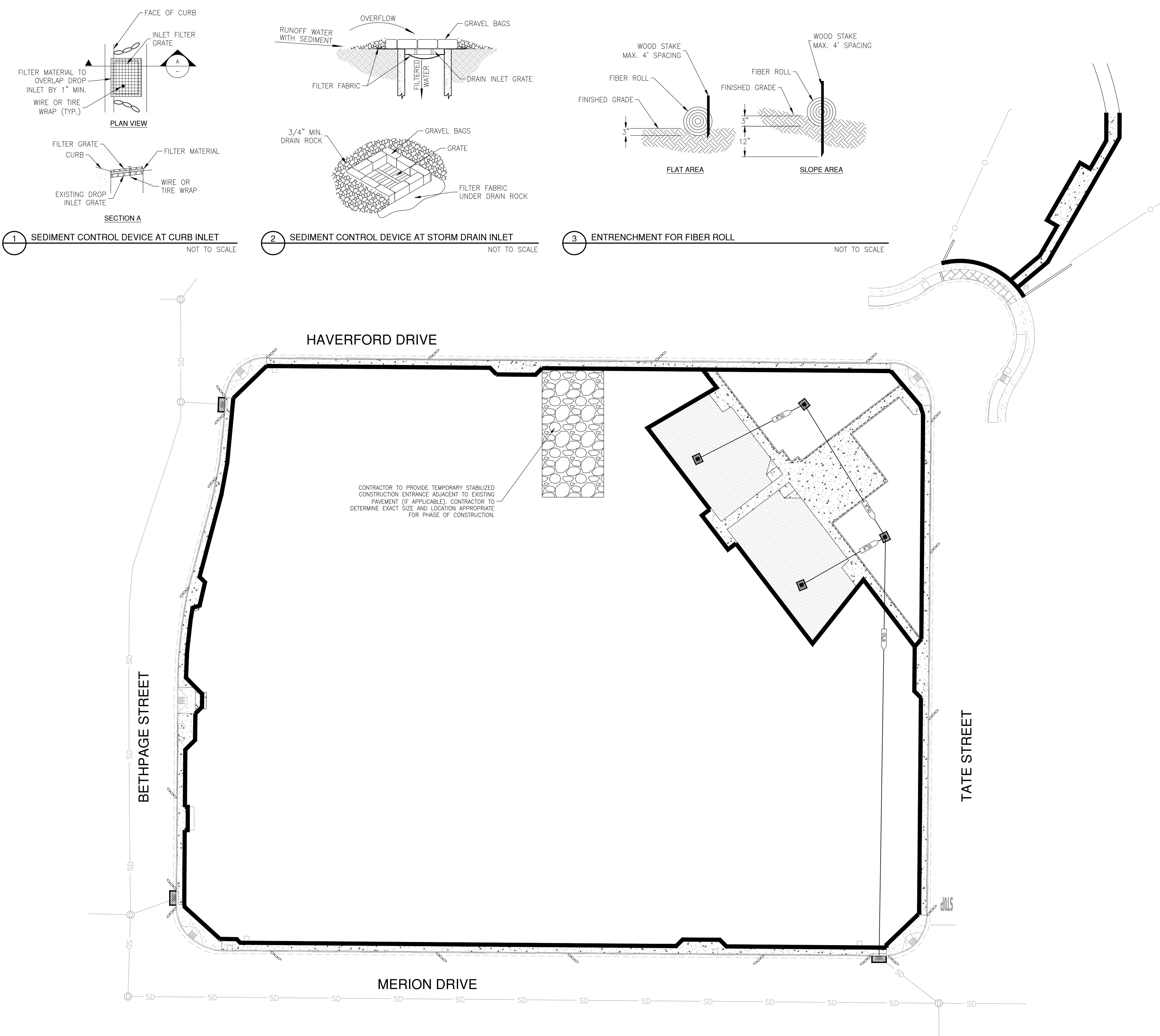
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PROJECT NO. 38421



SHEET NO.
C2.3
OF
28

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1 SEDIMENT CONTROL DEVICE AT CURB INLET NOT TO SCALE

2 SEDIMENT CONTROL DEVICE AT STORM DRAIN INLET NOT TO SCALE

3 ENTRENCHMENT FOR FIBER ROLL NOT TO SCALE

EROSION CONTROL NOTES:

THIS PLAN PROVIDES EROSION CONTROL AND SEDIMENTATION INFORMATION AND DESIGN USING THE FOLLOWING ASSUMPTIONS:
*GROUND HAS BEEN ROUGH GRADED
CONTRACTOR SHALL ADJUST THE SEDIMENTATION AND EROSION CONTROL METHODS AS THE PROJECT DEVELOPS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE INSTALLED EROSION CONTROL AND SEDIMENTATION IMPROVEMENTS ARE IN CONFORMANCE WITH THE STATE OF CALIFORNIA STORM WATER POLLUTION PREVENTION PLAN GUIDELINES AND THE CALIFORNIA BEST MANAGEMENT PRACTICES.

WINTERIZATION NOTES

ALL MATERIALS NECESSARY FOR WINTERIZATION SHALL BE AVAILABLE AT THE SITE.
WINTERIZATION SHALL BE INSTALLED ACCORDING TO THIS PLAN AND AS DIRECTED BY THE QUALIFIED SWPPP PRACTITIONER (QSP).
FILL SLOPES: AVOID LEAVING SHINY, SMOOTH GRADED SURFACES. THE LAST GRADING OPERATION SHALL BE TO WALK A TRACK-TYPE TRACTOR UP AND DOWN THE SLOPE, CREATING CLEAT MARKS ON THE SLOPE WITH CONTOURS. THESE WILL PROVIDE SEED AND FIBER COLLECTION POINTS.
CUT SLOPES: AVOID LEAVING SHINY, SMOOTH GRADED SURFACES. THE LAST GRADING OPERATION SHALL LEAVE THE SLOPE IN A ROUGHENED CONDITION WITH 2 INCHES OF LOOSENED MATERIAL FOR STABILIZATION.
AFTER THE UNDERGROUND STORM DRAIN SYSTEM IS INSTALLED, THE CATCH BASINS WILL BE INSTALLED (AS SOON AS PRACTICAL) AND THE SEDIMENT CONTROL DEVICE WILL BE PLACED AROUND THOSE CATCH BASINS AS SHOWN ON THIS PLAN.
THIS PLAN IS INTENDED TO BE USED FOR EROSION CONTROL ONLY. OTHER INFORMATION SHOWN HEREIN MAY NOT BE THE MOST CURRENT.

SEDIMENT CONTROL DEVICES

CONTRACTOR TO PROVIDE TEMPORARY SEDIMENT CONTROL DEVICE AT CATCH BASINS AS SHOWN IN DETAIL. CONTRACTOR MAY SUBSTITUTE OTHER SEDIMENT CONTROL DEVICES (GRAVEL BAGS, SILT TRAPS, ETC.) UNDER THE DIRECTION OF THE QSP. MODIFICATIONS TO THIS PLAN NEED TO BE APPROVED BY QSD, AND LOGGED IN THE SWPPP AMENDMENT LOG.
EACH SEDIMENT CONTROL DEVICE SHALL BE SECURED PER APPLICABLE BMP STANDARDS.
IF ANY SEDIMENT CONTROL DEVICES ARE MOVED AND/OR RELOCATED IN GAINING ACCESS TO THE SITE DURING THE WINTER MONTHS, THEY SHALL BE REPLACED IF THEY ARE NO LONGER STABLE. ONCE INSTALLED, ALL WINTERIZATION MATERIALS SHOULD BE CHECKED BEFORE EACH WEEKEND AND EACH STORM.

EROSION CONTROL DEVICES

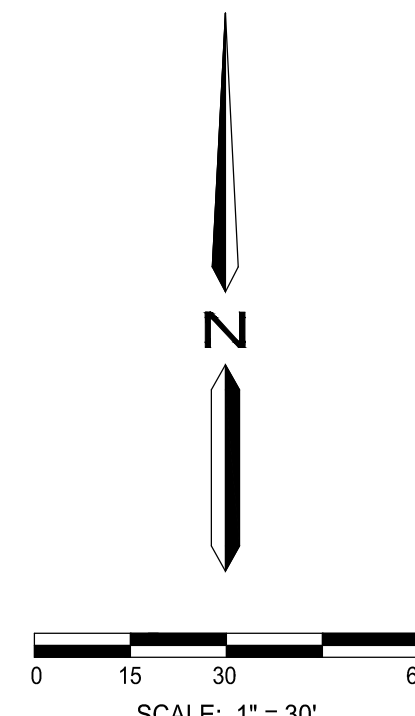
CONTRACTOR TO PROVIDE TEMPORARY OR PERMANENT EROSION CONTROL MEASURES ACROSS THE GRADED SECTIONS OF THE SITE. CONTRACTOR MAY SUBSTITUTE OTHER EROSION CONTROL DEVICES (HYDROSEED, EROSION CONTROL BLANKETS, ETC) UNDER DIRECTION OF THE QSP. MODIFICATIONS TO THE PLAN NEED TO BE APPROVED BY QSD AND LOGGED IN THE SWPPP AMENDMENT LOG.

DUST CONTROL MEASURES

CONTRACTOR TO PRACTICE DUST CONTROL MEASURES IN ACCORDANCE WITH THE CITY OF TURLOCK STANDARDS THROUGHOUT CONSTRUCTION.

EROSION CONTROL LEGEND

- FIBER ROLL PER DETAIL 3, THIS SHEET.
- GRAVEL BAGS
- STORM DRAIN CURB INLET PROTECTION PER DETAIL 1, THIS SHEET.
- STORM DRAIN DRAIN INLET PROTECTION PER DETAIL 2, THIS SHEET.



NOTE:
CONTRACTOR TO ESTABLISH DI PROTECTION FOR ALL DOWNSTREAM DI'S

WDID# TBD

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Westwood

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westwoodps.com

NO.	DESCRIPTION	DATE	BY

LANDSCAPE IMPROVEMENT PLANS
EROSION CONTROL PLAN AND DETAILS

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025

DRAFTER: JVE

DESIGNER: RG

CHECKED: SSK

PROJECT NO.
38421

SHEET NO.
C3.0
OF
28

Drawing: D:\38421-Northeast Neighborhood Park_Turlock\Landscape\ConsPlans\38421-SF.dwg Plot Date/Time: 7/25/2025 11:28 AM Last Saved By: JSGafflin

GENERAL NOTES

1. COORDINATE INSTALLATION OF SITE FURNISHINGS, AND STRUCTURES, WITH OTHER WORK OF GRADING, CONCRETE, AND ELECTRICAL.
2. ALL SITE FURNISHINGS SHALL BE LOCATED AS SHOWN ON THE DRAWINGS, AND ASSEMBLED AND INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS. SITE FURNISHING INSTALLATION SCHEDULE SHALL BE COORDINATED WITH OTHER CONTRACTORS TO AVOID CONFLICT AND POSSIBLE DAMAGE.
3. MANUFACTURER NAMED ITEMS ARE FOR STANDARD OF REFERENCE AND DO NOT NECESSARILY LIMIT SUPPLY TO NAMED MANUFACTURERS.
4. CONTRACTOR SHALL EXAMINE RELATED WORK AND SURFACES BEFORE STARTING WORK OF THIS SECTION AND SHOULD REPORT TO THE CITY IN WRITING ANY CONDITIONS WHICH WILL PREVENT THE PROPER PROVISION OF WORK. BEGINNING THE WORK OF THIS SECTION WITHOUT REPORTING UNSUITABLE CONDITIONS CONSTITUTES ACCEPTANCE OF CONDITIONS. ANY REQUIRED REMOVAL, REPAIR OR REPLACEMENT OF WORK CAUSED BY UNSUITABLE CONDITIONS SHALL BE DONE AT NO ADDITIONAL COST TO THE CITY.
5. CITY TO PROVIDE CONSTRUCTION STAKING.
6. CITY TO PROVIDE ALL COMPACTION TESTING.
7. ALL EARTHWORK, GRADING AND SOIL DELIVERY/REMOVAL SHALL BE PROVIDED BY THE CONTRACTOR.
8. CONTRACTOR SHALL PROVIDE A 6'X6' POURED MOCK UP SAMPLE OF CONCRETE FLATWORK ON SITE FOR CITY REVIEW AND APPROVAL PRIOR TO INSTALLATION. CONTRACTOR SHALL INCLUDE CONCRETE FLATWORK FINISH AND ALL JOINTING TYPES. MOCK UP SAMPLE SHALL BE CLEAN AND FREE FROM DUST AND DEBRIS. CONTRACTOR SHALL COORDINATE SAMPLE MOCK UP LOCATION WITH CITY PRIOR TO INSTALLATION.

SITE FEATURE SCHEDULE

ITEM	DESCRIPTION / MODEL	COLOR	QUANTITY	MANUFACTURER / SUPPLIER / INFORMATION	DET REF.
①	DEEPENED 12" WIDE CONCRETE PLAYGROUND CURB	NATURAL	234 LF	INSTALL PER DETAILS.	6/L6.0
②A	PICNIC TABLES / MODEL: #100SSK / CITY OF TURLOCK LOGO	LIGHT GRAY	3 EA	SEE DETAILS / OUTDOOR CREATIONS INC. / CHAD SMITH / P: (530) 365-6106	2/L6.1
②B	ACCESSIBLE PICNIC TABLE / MODEL: #100SKRE / CITY OF TURLOCK LOGO	LIGHT GRAY	1 EA		1/L6.1
③	BENCH / MODEL: #408SKB	LIGHT GRAY	11 EA	OUTDOOR CREATIONS INC. / MOUNT TYPE: CONCRETE DRILLED WITH EPOXY PER MANUFACTURER'S INSTRUCTIONS / SEE DETAILS / CHAD SMITH / P: (530) 365-6106	
④	DRINKING FOUNTAIN PEDESTAL WITH BOTTLE FILLING STATION & PET FOUNTAIN / MODEL: #10145 SM&SMSFA	BLUE	1 EA	MOST DEPENDABLE FOUNTAINS INC. / FRONT APPROACH / OUTDOOR UPPER BOTTLE FILLING STATION / ADA COMPLIANT / PET FOUNTAIN UNDER HIGH SIDE DRINKING FOUNTAIN / WWW.MOSTDEPENDABLE.COM / P: (901) 867-0039. / INSTALLATION: TEMPLATE 10 NS / UNATTACHED VALVE BOX / INSTALL PER DETAILS.	4/L6.1
⑤	34' X 24' SHADE STRUCTURE / MODEL: MESA	ROOF: ROMAN BLUE FRAME: RAL 7035	1 EA	CLASSIC RECREATION SYSTEMS / WWW.SHADESUN.COM / P:(800) 697-2195	-
⑥	BBQ / MODEL: #300A	MEDIUM GRAY	2 EA	OUTDOOR CREATIONS INC. / CHAD SMITH / P: (530) 365-6106 / SEE DETAILS	5/L6.1
⑦	SERVICE TABLE / MODEL: #113	LIGHT GRAY	2 EA	OUTDOOR CREATIONS INC. / MOUNT TYPE: CONCRETE DRILLED WITH EPOXY PER MANUFACTURER'S INSTRUCTIONS / SEE DETAILS / CHAD SMITH / P: (530) 365-6106	6/L6.1
⑧	TRASH RECEPTACLE / MODEL: #500	MEDIUM GRAY	5 EA	OUTDOOR CREATIONS INC. / CHAD SMITH / P: (530) 365-6106 / SEE DETAILS FOR MORE INFORMATION	3/L6.1
⑨	DOG POT STATION / MODEL: #DEPOT-006-B-GRN	GREEN	4 EA	DOG WASTE DEPOT / ROLL BAG SYSTEM / ROUND TRASH CAN / WWW.DOGWASTEDEPOT.COM / P: (800) 678-1612	7/L6.0
⑩	DOUBLE SIDED PARK SIGN W/CIP FOOTING	-	2 EA	COORDINATE WITH CITY AND INSTALL CITY STANDARD PARK SIGN / SEE ELECTRICAL PLANS FOR SIGN LIGHTING	1-4/L6.2
⑪	PARK POST LIGHT	-	1 EA	PER ELECTRICAL ENGINEER'S PLANS	-
⑫	12" WIDE CONCRETE MOW BAND	NATURAL	56 LF	MEDIUM BROOM FINISH PARALLEL TO LENGTH OF MOW BAND / INSTALL PER DETAILS	3/L6.0
⑬	CONCRETE PLAYGROUND RAMP	NATURAL	2 EA	INSTALL PER DETAILS	4/L6.0
⑭	THICKENED CONCRETE EDGE AT PLAYGROUND	NATURAL	262 LF	INSTALL PER DETAILS	5/L6.0
⑮	THICKENED CONCRETE EDGE AT SOD	NATURAL	757 LF	INSTALL PER DETAILS	1/L6.0

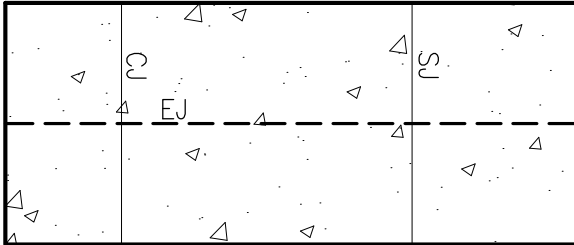

SITE FINISH SCHEDULE

FINISH	DESCRIPTION	COLOR	QUANTITY	PATTERN / INFORMATION	DET REF.
A	4" CONCRETE FLATWORK	NATURAL	11,960 SF	MEDIUM BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL (SCORE JOINTS AS SHOWN ON PLAN).	1&2/L6.0
B	ENGINEERED WOOD FIBER (EWF)	NATURAL	6,603 SF	AVAILABLE FROM LOCAL SOURCES. MUST MEET ADA AND PLAYGROUND ASTM STANDARDS.	5&6/L6.0
C	PLANTING AREA - SEE PLANTING PLANS				-
D	TURF AREA - SEE PLANTING PLANS				-

PLAYGROUND FEATURE SCHEDULE

ITEM	DESCRIPTION / MODEL	COLOR	QUANTITY	MANUFACTURER / SUPPLIER / INFORMATION
①	2-5 PLAYGROUND STRUCTURE	BLUE/GREY	1	MIRACLE PLAYSYSTEMS / CONTACT MATT DURKIN, P: (559) 545-5274 / QUOTE #Q-07600
②	5-12 PLAYGROUND STRUCTURE	BLUE/GREY	1	
③	2-5 BAY SWING SET	BLUE	1	
④	2-5 TWIN RIDER	BLUE	1	
⑤	5-12 ACCELERATOR SWING WITH BIRD NEST SEAT	BLUE	1	
⑥	CYCLO CONE BASE CLIMBER	BLUE/GREY	1	
⑦	2-5 AGE SAFETY / RISK MANAGEMENT SIGN	-	1	
⑧	5-12 AGE SAFETY / RISK MANAGEMENT SIGN	-	1	

REFERENCE KEY

SCHEDULE KEY	CONCRETE JOINT LEGEND	COMPANION SEATING
<div><div>SITE FURNISHINGS/ EQUIPMENT NUMBER</div><div>PLAYGROUND FEATURE</div><div>SURFACING NUMBER</div></div>	<div><div>EJ = EXPANSION JOINT SJ = TOOLED CONTROL JOINT CJ = COLD JOINT</div></div>	<div> 36"x48" ACCESSIBLE COMPANION SEAT LOCATION</div>

LANDSCAPE IMPROVEMENT PLANS
SITE FEATURES AND FINISHES LEGEND AND NOTES

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

Westwood

Westwood Professional Services, Inc.

T: 209.571.1765
F: 888.937.5150

1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350

westwoodps.com

DATE: 07/25/2025

DRAFTER: YC/TL

DESIGNER: TL/JG

CHECKED: JG

PROJECT NO.
38421

LICENSED LANDSCAPE ARCHITECT



STATE OF CALIFORNIA

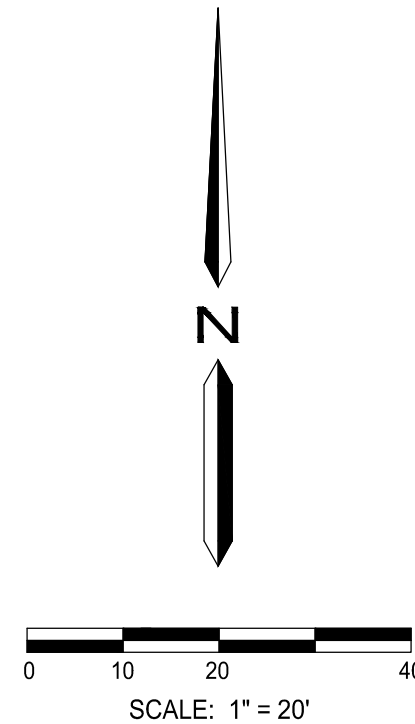
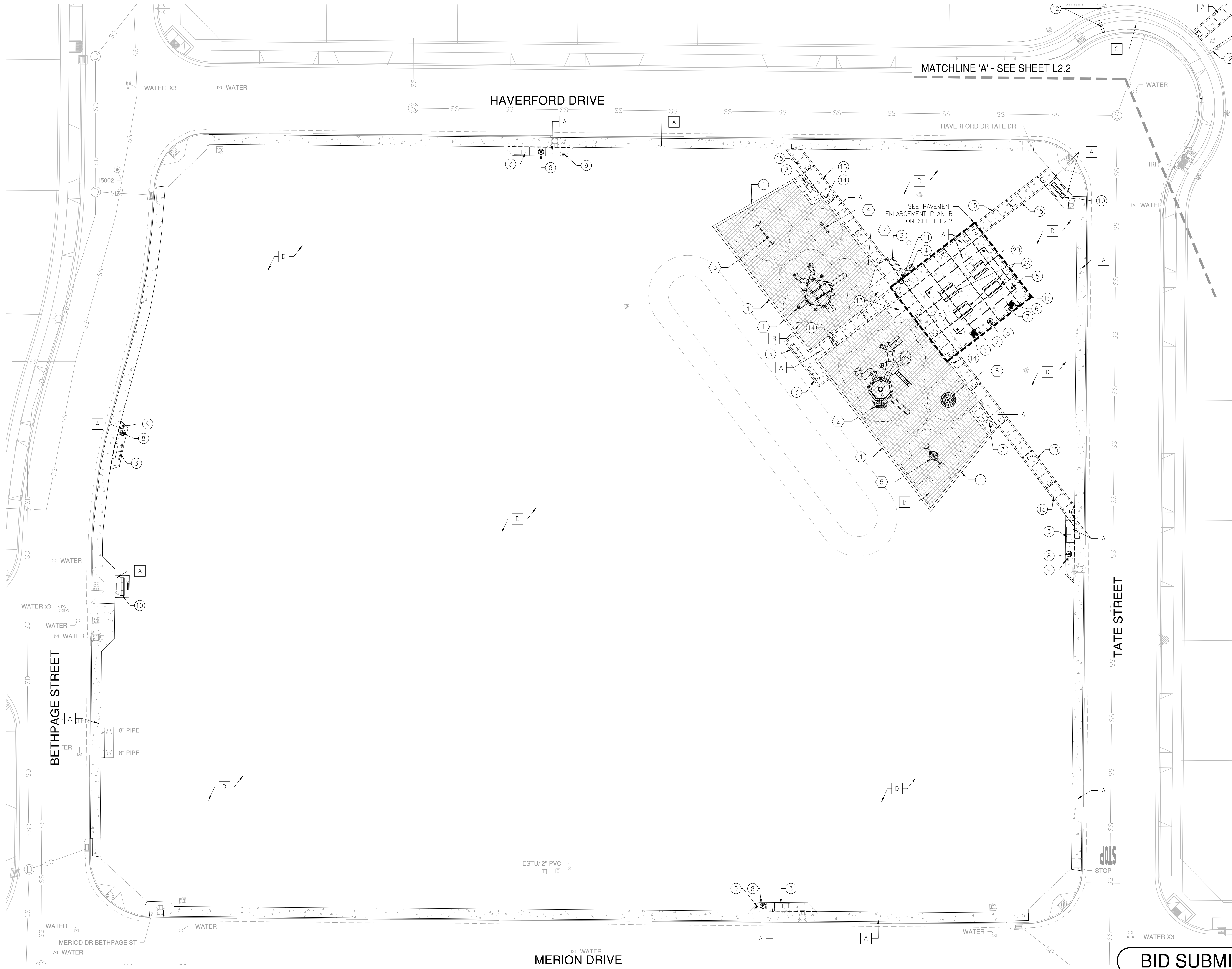
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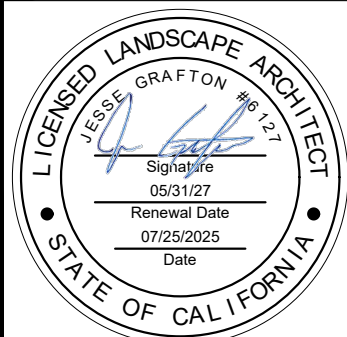


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LANDSCAPE IMPROVEMENT PLANS
SITE FEATURES AND FINISHES PLAN

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025
DRAFTER: YC/TL
DESIGNER: TL/JG
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PROJECT NO.
38421

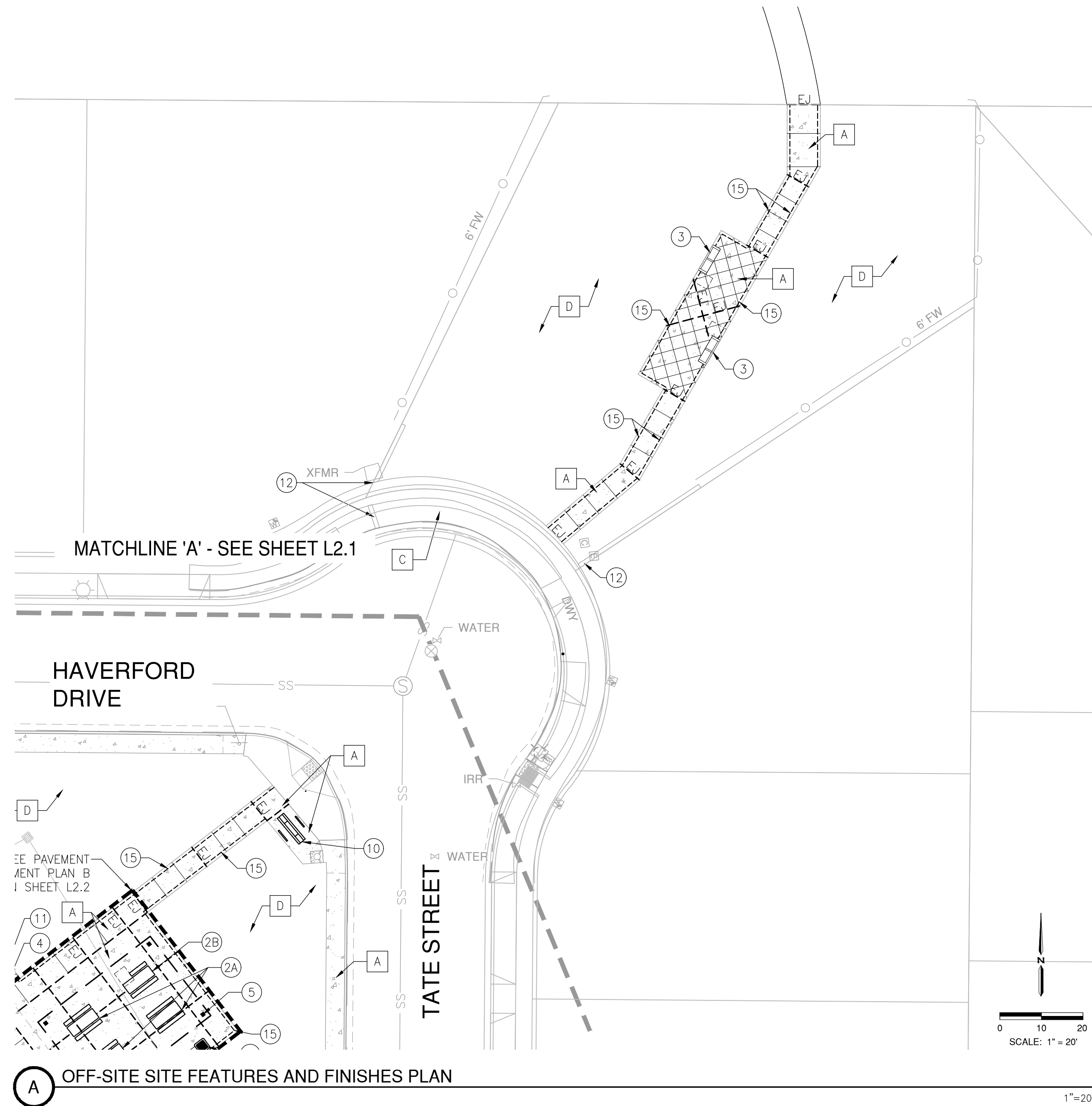


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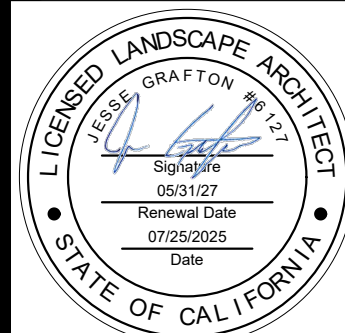


B PAVEMENT ENLARGEMENT PLAN



A OFF-SITE SITE FEATURES AND FINISHES PLAN

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LANDSCAPE IMPROVEMENT PLANS
SITE FEATURES AND FINISHES PLAN & ENLARGEMENT PLAN

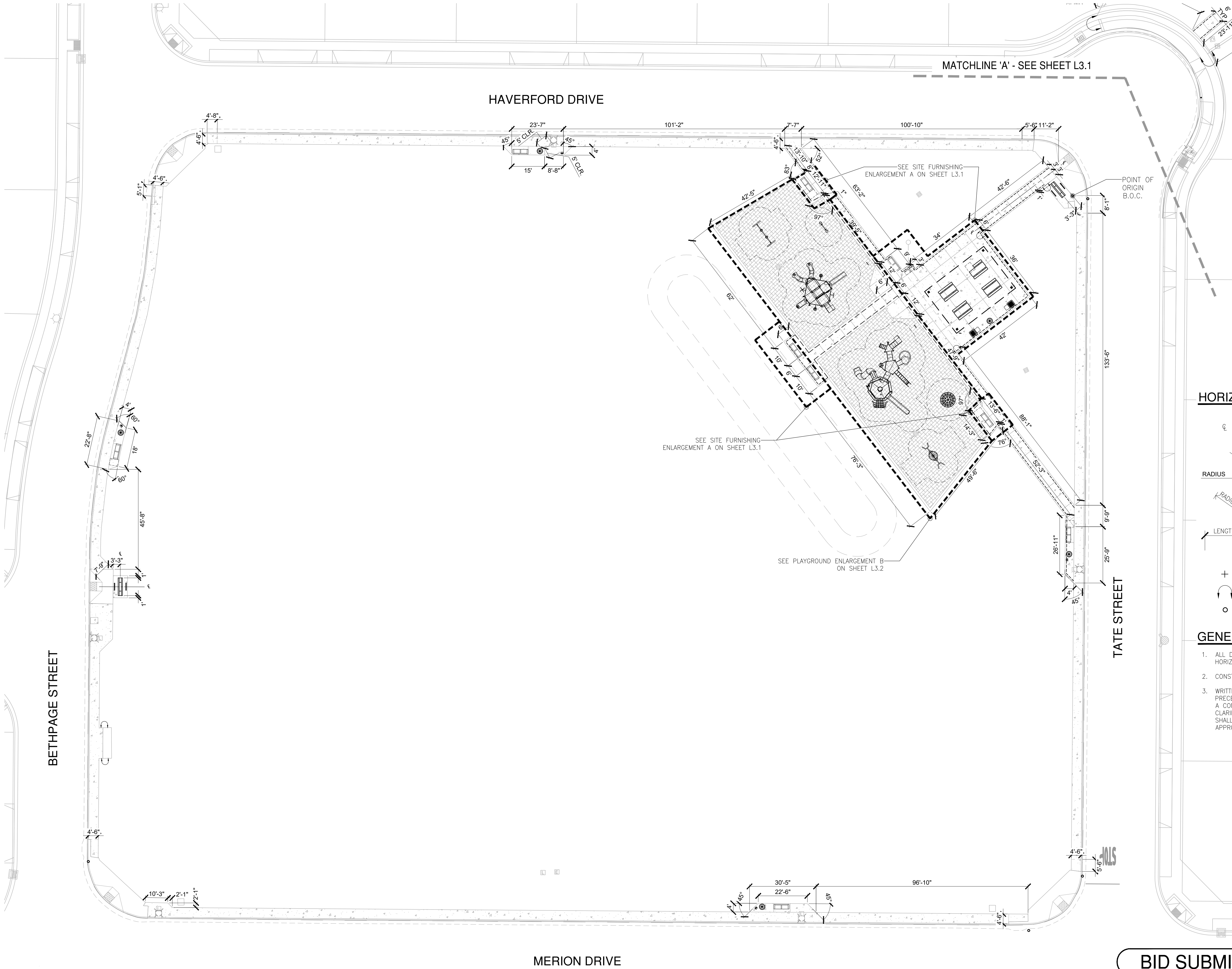
JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025
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DESIGNER: TL/JG
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NO.	DESCRIPTION	DATE	BY

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westwoodps.com

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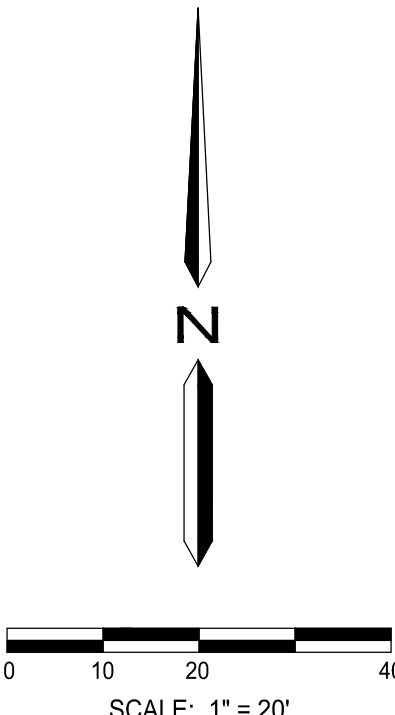


HORIZONTAL CONTROL LEGEND

- CENTERLINE
- ARC RADIUS.
- ARC RADIUS, TYP.
- DIMENSION, TYP.
- ORIGIN OF RADIUS
- ALIGN, TYP.
- POINT OF ORIGIN

GENERAL NOTES

- ALL DIMENSIONS SHOW MEASUREMENTS IN A HORIZONTAL PLANE.
- CONSTRUCTION STAKING TO BE PROVIDED BY CITY.
- WRITTEN DIMENSIONS SHALL ALWAYS TAKE PRECEDENCE OVER SCALED DIMENSIONS. IF THERE IS A CONFLICT, NOTIFY THE CITY AND OBTAIN A CLARIFICATION. NO DEVIATION OR SUBSTITUTION SHALL BE ALLOWED WITHOUT OBTAINING WRITTEN APPROVAL FROM THE CITY.



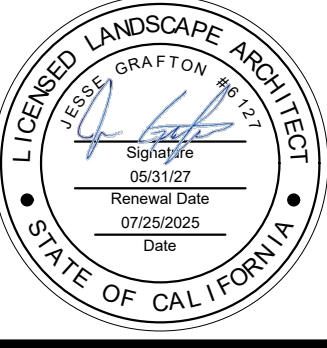
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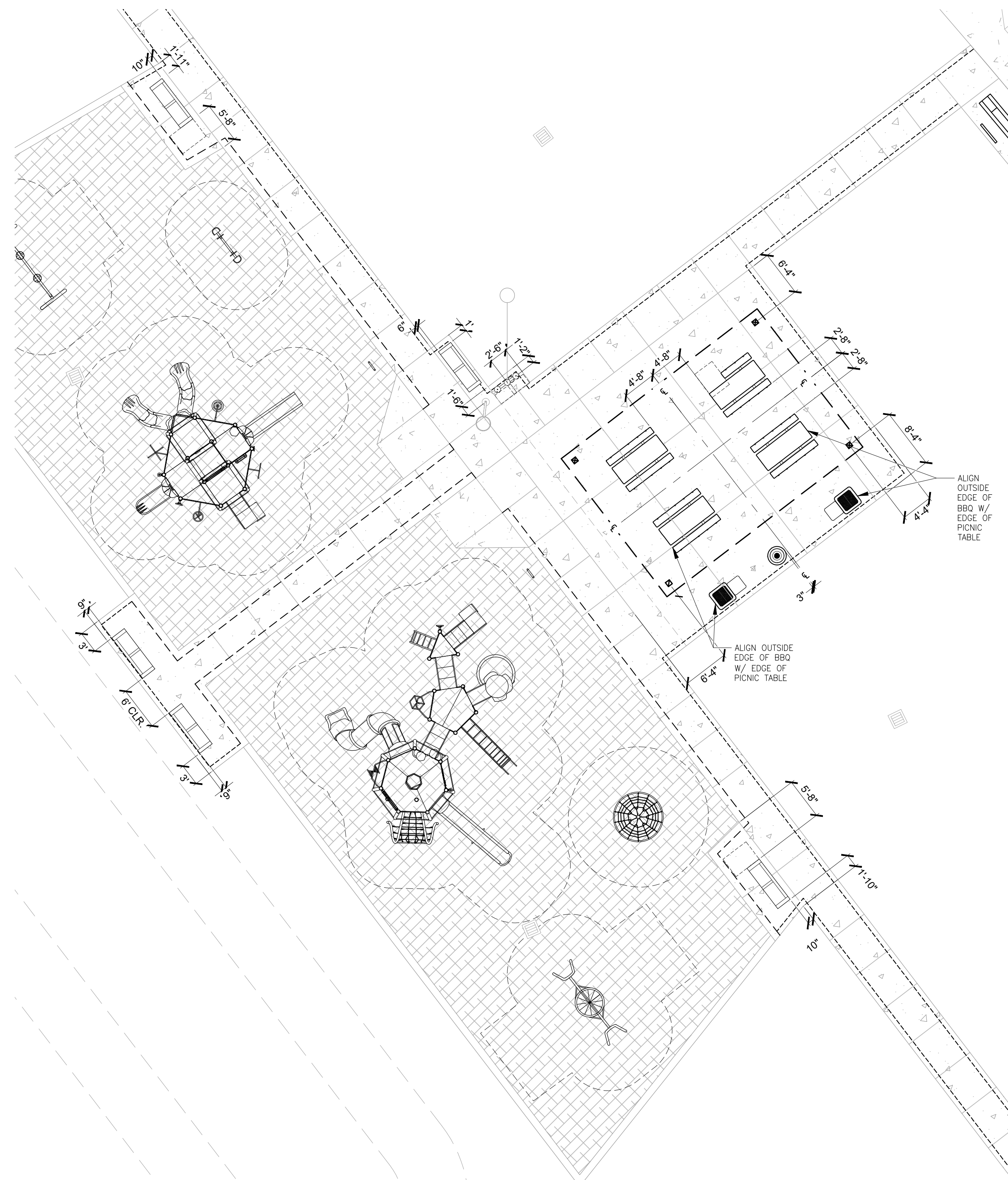
NO.	DESCRIPTION	DATE	BY

LANDSCAPE IMPROVEMENT PLANS HORIZONTAL CONTROL PLAN

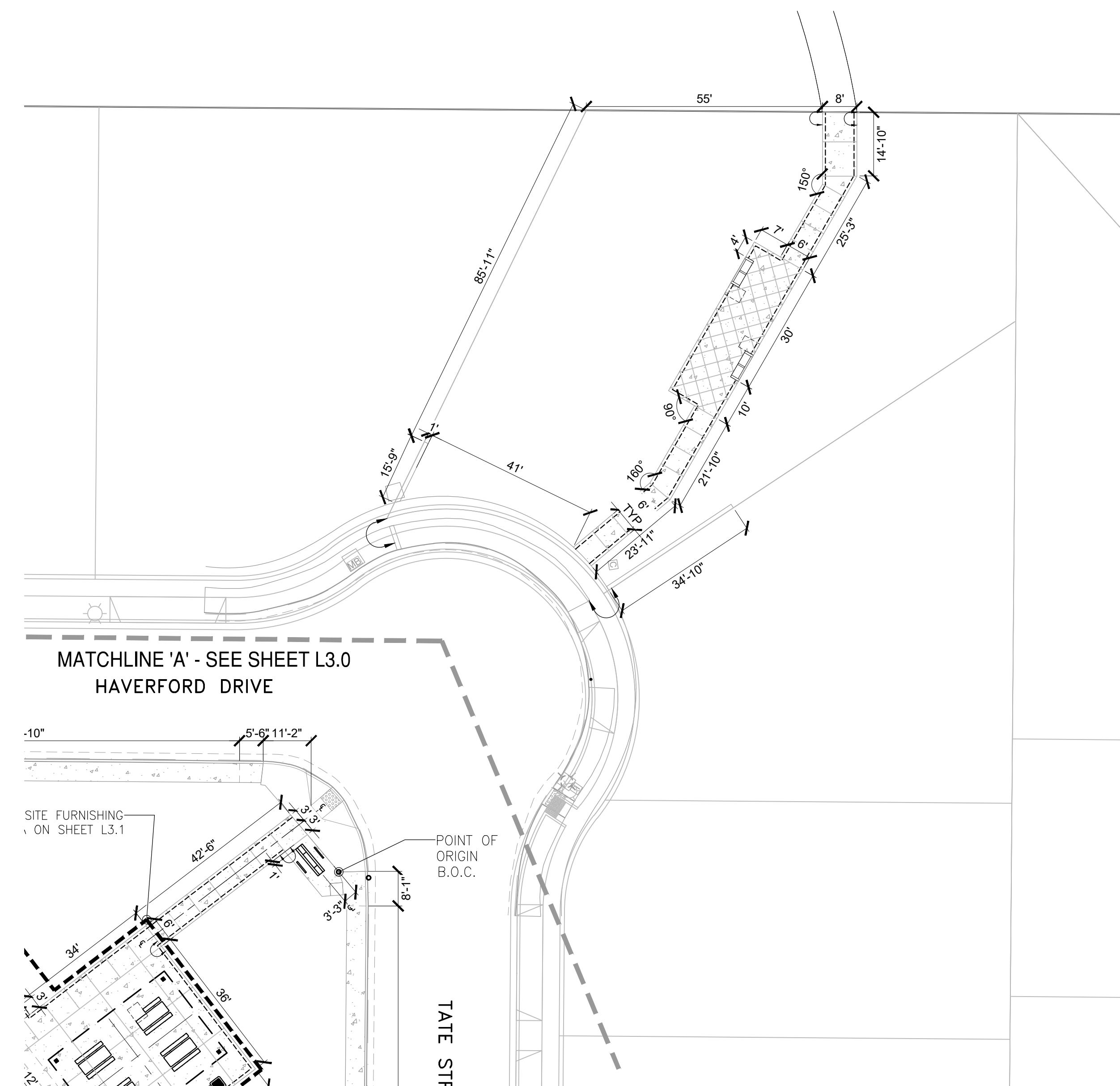
JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE:	07/25/2025
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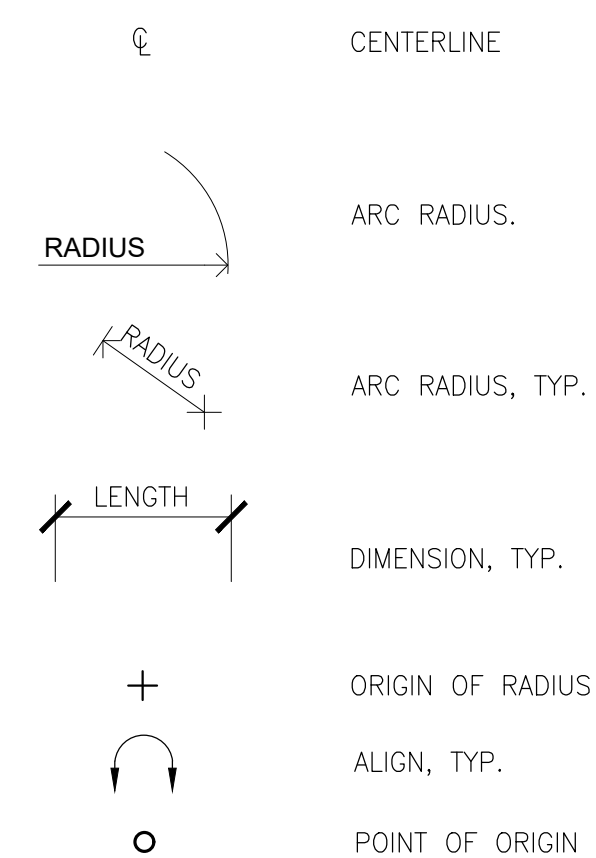




A SITE FURNISHINGS ENLARGEMENT

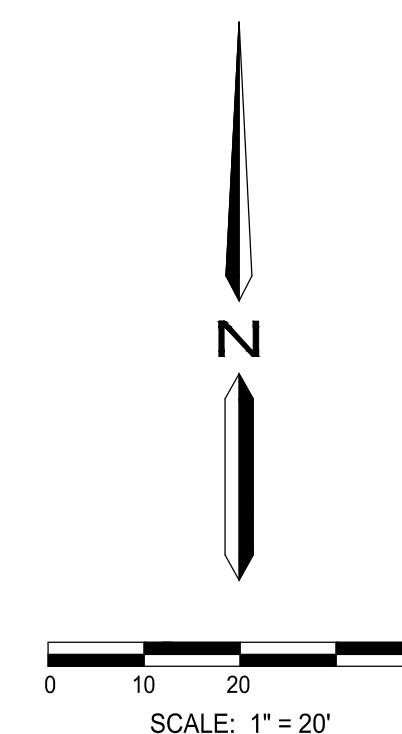


HORIZONTAL CONTROL LEGEND



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[illegible]LANDSCAPE IMPROVEMENT PLANS
HORIZONTAL CONTROL PLAN

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025

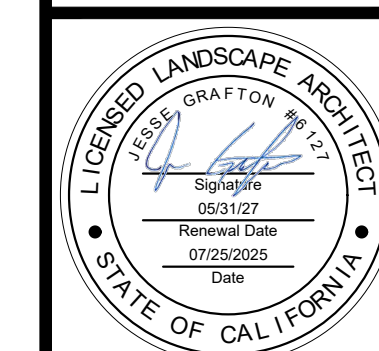
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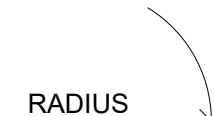
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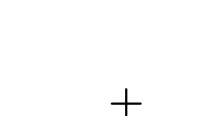
B PLAYGROUND ENLARGEMENT


HORIZONTAL CONTROL LEGEND


- 

RADIUS
- 


ARC RADIUS.
- 


ARC RADIUS, TYP.
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LENGTH
- 

DIMENSION, TYP.
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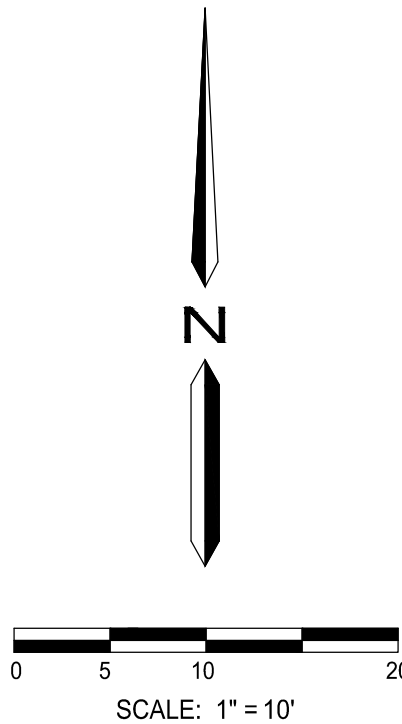
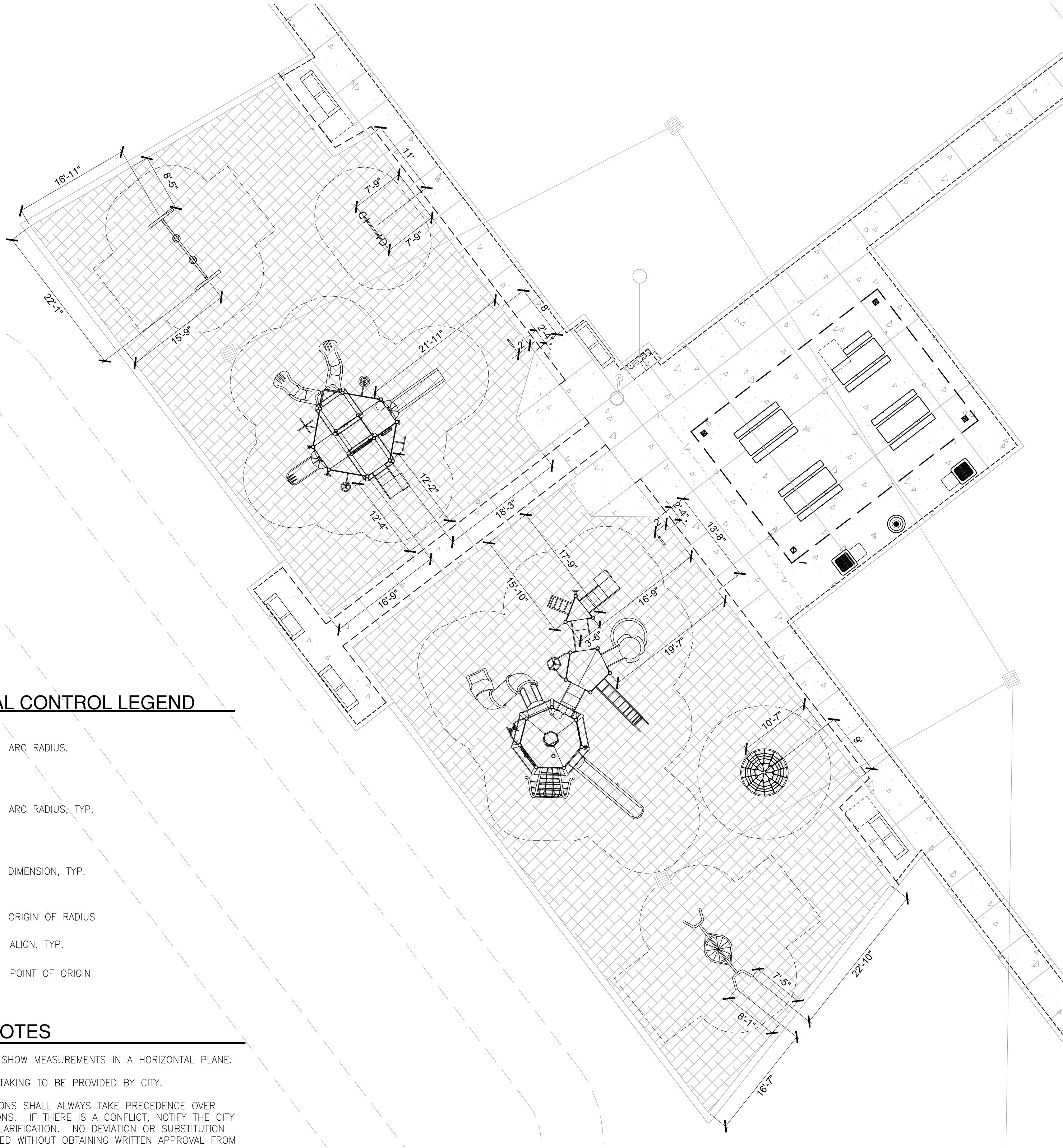
ORIGIN OF RADIUS
- 

ALIGN, TYP.
- 

POINT OF ORIGIN

GENERAL NOTES

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4. CONTRACTOR SHALL COORDINATE INSTALLATION PLAY EQUIPMENT FOOTINGS WITH INSTALLATION OF UNDERGROUND UTILITIES.



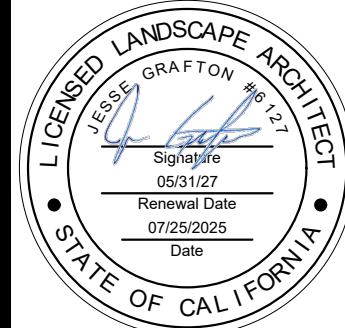
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LANDSCAPE IMPROVEMENT PLANS
PLAYGROUND ENLARGEMENT PLAN

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025
DRAFTER: YC/TL
DESIGNER: TL/JG
CHECKED: JG
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Westwood
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GENERAL IRRIGATION NOTES

1. ANY AND ALL PORTIONS OF WORK SHALL BE CONSTRUCTED IN COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS AS SET FORTH BY LOCAL MUNICIPALITIES, STATE AND NATIONAL AGENCIES. IN THE EVENT THERE IS A CONFLICT WITH THESE PLANS AND THE AGENCIES STATED ABOVE, THE GOVERNING BODY'S REGULATIONS SHALL PREVAIL.
2. IRRIGATION SHALL BE INSTALLED CONSISTENT WITH THE MOST CURRENT CITY WATER CONSERVATION REQUIREMENTS AND THE STATE WATER EFFICIENT LANDSCAPE ORDINANCE (AB1881).
3. PRIOR TO BIDDING AND COMMENCEMENT OF SITE WORK, THE CONTRACTOR SHALL BECOME FAMILIAR WITH/AND EXAMINE CONDITIONS OF THE PROJECT SITE, VERIFYING LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES. LOCATIONS OF ITEMS SHOWN ON THESE PLANS ARE ONLY APPROXIMATIONS. ANY DISCREPANCIES DISCOVERED SHALL BE REPORTED TO THE CITY. FAILURE TO REPORT DISCREPANCIES TO THE CITY BEFORE COMMENCEMENT OF SITE WORK IMPLIES ACCEPTANCE OF SITE CONDITIONS AND COSTS ASSOCIATED WITH CORRECTING IRRIGATION LAYOUTS,ANY EXISTING SITE FEATURES, GRADE CHANGES, OR SITE PLAN DESIGN CHANGES NOT SPECIFICALLY ADDRESSED ON THESE PLANS, (OR UNKNOWN CONDITIONS THAT WERE NOT APPARENT DURING THE DESIGN PROCESS) THAT WILL IMPACT INSTALLATION OR OPERATING OF IRRIGATION SYSTEMS IN ANY WAY, SHALL BE REPORTED TO THE CITY PRIOR TO COMMENCEMENT OF SITE WORK. CONTRACTOR SHALL COORDINATE & SCHEDULE INSTALLATION EFFORTS WITH THOSE OF OTHER TRADES TO AVOID COSTLY DELAYS & ERRORS.
4. CONTRACTOR SHALL INSTALL IRRIGATION EQUIPMENT PER DETAILS AND SPECIFICATIONS. ALL IRRIGATION EQUIPMENT REQUIRED FOR PROJECT COMPLETION BUT NOT DETAILED ON THESE PLANS SHALL BE INSTALLED PER LOCAL AND STATE CODES AND MANUFACTURER'S WRITTEN INSTALLATION RECOMMENDATIONS.
5. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR SUCCESSFUL COMPLETION OF PROJECT PRIOR TO COMMENCEMENT OF WORK.
6. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY AND ALL PROJECT RELATED ARCHITECTURAL OR ENGINEERING DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
7. THE CONTRACTOR SHALL REPAIR, REPLACE, OR COMPENSATE OWNER FOR ALL ITEMS DAMAGED BY THEIR WORK.
8. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE INSTALLATION EFFORTS WITH THOSE OF OTHER TRADES TO AVOID COSTLY DELAYS AND ERRORS.
9. CONTACT CITY OF TURLOCK IN ADVANCE TO SCHEDULE ALL NECESSARY IRRIGATION TESTS.
10. REQUIRED TESTING
- 10.1. BACKFLOW PREVENTION DEVICE: BACKFLOW PREVENTION TEST SHALL BE PERFORMED BY A CERTIFIED BACKFLOW PREVENTION TESTER. CONTRACTOR SHALL PROVIDE RESULTS TO LANDSCAPE ARCHITECT/OWNER UPON COMPLETION.
- 10.2. PRESSURE TEST: MAINLINE SHALL HOLD 120 PSI MIN. FOR 8 HOURS. IF LEAKS OCCUR, REPLACE FAULTY COMPONENTS AND RE-TEST. CONTRACTOR SHALL PROVIDE MAINLINE & WIRE AS-BUILT'S TO LANDSCAPE ARCHITECT/CITY PRIOR TO BACKFILLING TRENCH AFTER PRESSURE TEST IS COMPLETE.
- 10.3. COVERAGE TEST: COVERAGE TEST SHALL BE PERFORMED PRIOR TO INSTALLATION OF ANY PLANT MATERIAL. IRRIGATION AUDIT SHALL BE PERFORMED AT THIS POINT, BY CERTIFIED IRRIGATION AUDITOR. CONTRACTOR SHALL PROVIDE RESULTS TO LANDSCAPE ARCHITECT/CITY AND MAKE ALL NECESSARY CORRECTIONS PRIOR TO PLANTING. FAILURE TO DO SO SHALL MAKE ALL REQUIRED COSTS ASSOCIATED WITH ADJUSTING IRRIGATION THE CONTRACTOR'S RESPONSIBILITY.

- POINT OF CONNECTION NOTES
1. CONTRACTOR SHALL INVESTIGATE AND DETERMINE THE POINT OF CONNECTION LOCATION, IF DIFFERENT THAN SHOWN ON THESE PLANS THIS SHALL BE REPORTED TO THE CITY.
2. THE IRRIGATION SYSTEM AS SHOWN WITHIN THESE PLANS HAS BEEN DESIGNED BASED ON OPERATING PRESSURES OF 70 PSI AND MAXIMUM FLOW DEMANDS OF 122 GPM. THE CITY OF TURLOCK, CALIFORNIA REPORTS THAT STATIC WATER PRESSURES AT THE SITE WILL BE APPROXIMATELY 55 PSI. THE CONTRACTOR IS TO PERFORM PRESSURE TESTS AT THE POINT OF CONNECTION TO CONFIRM ACTUAL SITE PRESSURE LEVELS. ANY DISCREPANCIES BETWEEN INFORMATION ON THESE PLANS AND THAT OF EXISTING SITE CONDITIONS OR MANUFACTURER DATA SHALL BE REPORTED TO THE CITY. FAILURE TO CONFIRM POC INFORMATION RESULTING IN REQUIRED CHANGES, DUE TO LOW PRESSURE OR VOLUME, WILL RESULT IN OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO THE OWNER.

- CONTROLLER ASSEMBLY NOTES
1. CONTROLLER LOCATION SHOWN ON DRAWINGS IS AN APPROXIMATE LOCATION. CONTRACTOR SHALL CONFIRM LOCATION OF CONTROLLER WITH OWNER PRIOR TO CONTROLLER INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ELECTRICAL CONNECTIONS BETWEEN THE 120 VOLT POWER SOURCE TO THE CONTROLLER, VALVES, AND ADDITIONAL IRRIGATION EQUIPMENT. SEE ELECTRICAL ENGINEERING DRAWINGS FOR ELECTRICAL CONNECTION REQUIREMENTS AND LOCATION. FAILURE TO OBTAIN APPROVAL OF CONTROLLER ASSEMBLY LOCATION PRIOR TO INSTALLATION WILL RESULT IN OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO THE OWNER.
2. A LAMINATED, WATERPROOF, LEGIBLE, CHART OF THE IRRIGATION SYSTEM NOT EXCEEDING 11"x17", SHD BE PROVIDED TO THE OWNER AND ONE ADHERED TO THE INSIDE COVER OF THE CONTROLLER. ALL VALVES AND THEIR RESPECTIVE COVERAGE AREAS SHALL BE IDENTIFIED WITH SEPARATE AND DISTINCT COLORS.

- IRIGATION VALVE NOTES
1. VALVE AND QUICK COUPLER LOCATIONS SHOWN ON DRAWINGS ARE APPROXIMATE LOCATIONS. CONTRACTOR SHALL STAKE THE LOCATIONS OF VALVES AND QUICK COUPLERS FOR APPROVAL BY CITY PRIOR TO INSTALLATION.
2. VALVES AND QUICK COUPLERS SHALL BE GROUPED TOGETHER AND INSTALLED IN SHRUB BEDS, UNLESS NOTED OTHERWISE.
3. INSTALL ALL VALVES AND QUICK COUPLERS PER PLAN DETAILS AND MANUFACTURER'S WRITTEN RECOMMENDATIONS.

- OVERHEAD SPRAY AND ROTOR NOTES
1. ALL HEADS SHALL INCLUDE A FACTORY INSTALLED DRAIN CHECK VALVE TO PREVENT LOW HEAD DRAINAGE.
2. ALL HEADS SHALL INCLUDE A FACTORY INSTALLED PRESSURE REGULATOR. SEE LEGEND FOR SPECIFIED PRESSURE LEVELS OF INDIVIDUAL HEADS.
3. ALL HEADS AND NOZZLES SHALL BE INSTALLED PER PLANS. AFTER INSTALLATION, ADJUST ALL ARCS AND THROWS FOR EVEN COVERAGE AND TO PREVENT OVERSPRAY ONTO PAVEMENT, BUILDINGS, WALLS, OR EQUIPMENT. THIS INCLUDES BUT IS NOT LIMITED TO ADJUSTMENTS TO THE RADIUS REDUCTION SCREW, SCREEN REPLACEMENTS, AND APPROVED NOZZLE REPLACEMENTS. ANY VERTICAL OBSTRUCTIONS NOT NOTED ON THESE PLANS ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WORK.
4. FLOOD TRENCHES TO COMPACT SOIL PRIOR TO LEVELING HEADS. ALL HEADS SHALL BE INSTALLED FLUSH AND PERPENDICULAR TO FINISH GRADE UNLESS OTHERWISE NOTED OR DETAILED.

- DRIP AND LOW FLOW EMITTER NOTES
1. INSTALL ALL DRILIPLINE AND EMITTERS PER DETAILS AND PLANS. TUBING TO BE INSTALLED 1-2" BELOW SOIL SURFACE WITH GALVANIZED TIE-DOWN STAKES AT 24" INTERVALS.

- ELECTRICAL WIRING NOTES
1. WIRING SHALL BE INSTALLED IN SAME TRENCH AS MAINLINE WITH 18" OF COVER.
2. CONTRACTOR TO SUPPLY TWO ADDITIONAL WIRES FROM CONTROLLER (STRETCHING ALONG THE ENTIRE MAINLINE) TO THE LAST VALVE OR STUB OF EACH AND EVERY LEG OF MAINLINE. EACH WIRE SHALL BE TAGGED WITH A WATERPROOF LEGIBLE LABEL SPECIFYING IT AS AN "EXTRA WIRE".
3. CONTROL WIRE TO BE U.L. LISTED, DIRECT BURIAL #14UF AWG MINIMUM. COMMON WIRE TO BE U.L. LISTED, DIRECT BURIAL #12UF AWG MINIMUM. WIRING TO BE COLOR CODED WITH CORRESPONDING STATION NUMBER TAGS AT THE CONTROLLER AND VALVES.
4. WATERPROOF DB9F WIRE CONNECTORS SHALL BE USED AT ALL WIRE CONNECTIONS.

- PVC PIPING NOTES
1. PIPING AND EQUIPMENT LAYOUT IS SHOWN SCHEMATICALLY FOR VISUAL CLARITY. PIPING AND EQUIPMENT SHOWN WITHIN PAVED AREAS SHALL BE INSTALLED WITHIN AREAS DESIGNATED FOR LANDSCAPE. MAINLINES SHALL BE LOCATED A MINIMUM OF 18" OFF ADJACENT PAVEMENT OR OTHER OBSTACLES.
2. NON-PRESSURIZED LINES SHALL BE BURIED WITH A MINIMUM OF (18") COVER. PRESSURIZED MAINLINES SHALL BE BURIED WITH A MINIMUM OF (24") COVER. UNDERGROUND WARNING TAPE READING "CAUTION, BURIED IRRIGATION LINE BELOW" SHALL BE INSTALLED 12" ABOVE PRESSURIZED LINES.
3. PIPE SIZES SHALL BE INSTALLED PER PLANS. SMALLER PIPE SIZE SUBSTITUTIONS ARE NOT ACCEPTABLE; LARGER PIPE SIZES MAY BE APPROVED.
4. SOLVENT WELD FITTINGS FOR MAINLINES 2½" AND SMALLER SHALL BE SCHEDULE 40 PVC; FOR MAINLINES 3"-4", USE SCH 80 SOLVENT WELD FOR FITTINGS. ALL THREADED FITTINGS SHALL BE SCHEDULE 80 PVC.

- SLEEVING NOTES
1. SCHEDULE 40 PVC SLEEVES SHALL BE PROVIDED FOR ALL IRRIGATION LINES UNDER PAVING.
2. SLEEVES SHALL BE SIZED PER PLAN OR TWICE THE SIZE OF THE PIPE WHEN NOT SPECIFIED. ELECTRICAL WIRE SLEEVES SHALL BE OF SUFFICIENT SIZE FOR THE REQUIRED NUMBER OF WIRES. PIPING AND WIRING SHALL BE IN SEPARATE SLEEVES.
3. SLEEVES SHALL EXTEND A MINIMUM OF 12" BEYOND PAVED SURFACES OR AS NOTED.

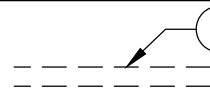
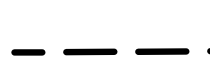
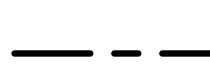
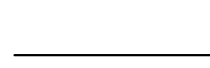
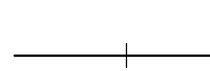
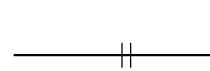
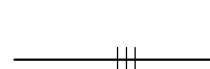
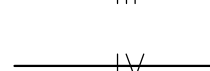
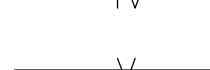
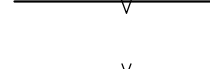
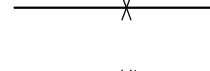
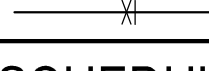
- AS-BUILT NOTES
1. CONTRACTOR SHALL MAKE DAILY AS-BUILT PLANS OF MAINLINE & WIRE. CONTRACTOR SHALL SUBMIT AS-BUILT'S TO LANDSCAPE ARCHITECT/CITY DURING MAINLINE PRESSURE TESTING AND SHALL NOT BURY MAINLINE UNTIL AS-BUILT SET HAS BEEN APPROVED BY LANDSCAPE ARCHITECT/CITY. AS-BUILT'S SHALL INDICATE COLOR OF ELECTRICAL TAPE ON EACH RUN/LEG OF WIRE TO AID IN FUTURE WIRE TROUBLE SHOOTING.

- WATER CONSERVATION STATEMENT
1. I HAVE COMPLIED WITH THE CRITERIA OF THE (STATE/CITY WATER CONSERVATION) ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.




















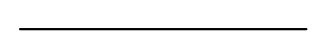




2. CHANGES TO THE APPROVED PLANS OR FIELD SUBSTITUTIONS SHALL NOT BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE OWNER/LANDSCAPE ARCHITECT. IF THE OWNER/CONTRACTOR DEVIATES FROM THE APPROVED PLAN WITHOUT PRIOR WRITTEN APPROVAL THEY WILL BE REQUIRED TO MAKE ANY CORRECTIONS, AT THEIR OWN EXPENSE, TO BRING THE LANDSCAPE AND IRRIGATION INTO COMPLIANCE WITH THE APPROVED PLANS AND THE STATE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE.

- CLOSE-OUT DOCUMENTS
1. AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL SUPPLY A "CERTIFICATE OF COMPLETION" DOCUMENT. THE DOCUMENT SHALL INCLUDE:
- A. PROJECT INFORMATION SHEET THAT CONTAINS:
1. DATE
2. PROJECT NAME
3. PROJECT APPLICANT NAME, TELEPHONE NUMBER, AND MAILING ADDRESS.
4. PROJECT ADDRESS
5. PROPERTY OWNER NAME, TELEPHONE NUMBER AND MAILING ADDRESS.
- B. CERTIFICATION BY THE LANDSCAPE CONTRACTOR THAT THE LANDSCAPE PROJECT HAS BEEN INSTALLED PER THE APPROVED LANDSCAPE DOCUMENTATION PACKAGE.
1. WHERE THERE HAVE BEEN SIGNIFICANT CHANGES MADE IN THE FIELD DURING CONSTRUCTION THESE "AS-BUILT" OR RECORD DRAWINGS SHALL BE INCLUDED WITH THE CERTIFICATION.
2. A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.
- C. IRRIGATION SCHEDULING PARAMETERS USED TO SET THE CONTROLLER.
- D. LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULE
- E. IRRIGATION AUDIT REPORT
- F. SOILS ANALYSIS REPORT IF NOT SUBMITTED WITH LANDSCAPE DOCUMENTATION PACKAGE AND DOCUMENTATION VERIFYING IMPLEMENTATION OF SOIL REPORT RECOMMENDATIONS.

PIPING SCHEDULE

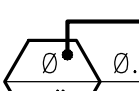

	SEE SLEEVING NOTES FOR SIZE
	SLEEVE SCH 40 PVC PIPE
	4" MAINLINE SIZE
	1" MAINLINE SIZE
	3/4" LATERAL SIZE
	1" LATERAL SIZE
	1-1/4" LATERAL SIZE
	1-1/2" LATERAL SIZE
	2" LATERAL SIZE
	2-1/2" LATERAL SIZE
	3" LATERAL SIZE
	4" LATERAL SIZE

IRRIGATED LANDSCAPE WATER EFFICIENCY TABLE								IRRIGATION SCHEDULE									
WATER BUDGET CALCULATIONS								SCHEDULING NOTES & RUN TIMES									
MAXIMUM APPLIED WATER ALLOWANCE								WATERING CYCLES AND DURATION DURING PRE-ESTABLISHMENT PERIODS SHOULD BE ADJUSTED PER PLANT PROVIDER'S RECOMMENDATIONS AND CURRENT WEATHER CONDITIONS.									
MAWA=(ETo)((0.62)((0.45xLA)+((1.0-0.45)xSLA))				LOCAL Eto=	LA =	SLA =										MAWA TOTAL=	
				55.1	152,510	150,574		5,173,665 GAL.	POST ESTABLISHMENT IRRIGATION SCHEDULE CALCULATED USING AVERAGE CLIMATE CONDITIONS AND AVERAGE PLANT REQUIREMENTS. THIS SCHEDULE SERVES AS A BASE FOR CONTROLLER PROGRAMMING. EXTREME AND SITE SPECIFIC CONDITIONS WILL RESULT IN Eto ADJUSTMENTS AND MAY REQUIRE ADJUSTMENTS TO SCHEDULE FREQUENCY/DURATION.								
ESTIMATED TOTAL WATER USE																	
ETWU=(ETo)(0.62)(((PFxHA)/IE)+SLA)				LOCAL ETo=	PF =	LA =	SLA =		ETWU TOTAL=	IRRIGATION CONTROLLER SHALL BE CONFIGURED TO RUN ALL ZONES ON SOAK CYCLES.							
				55.1	SEE BELOW	152,510	150,574		5,172,020 GAL.								
HYDROZONE INFORMATION TABLE								WINTER		SPRING		SUMMER		FALL			
HYDROZONE TAG	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY (IE)	ETAF (PF/IE)	LANDSCAPE AREA (SF)	ETAF X AREA	ESTIMATED TOTAL WATER USE (ETWU)	PRE-EST.	POST-EST.	PRE-EST.	POST-EST.	PRE-EST.	POST-EST.	PRE-EST.	POST-EST.		
LANDSCAPE AREAS																	
VALVES 18, 24 (TREE/RWS/LOW)	0.24	RWS	0.81	0.30	961	288	9,849 GAL	2 MIN/2 DW	4 MIN/1 DW	8 MIN/2 DW	15 MIN/1 DW	10 MIN/2 DW	19 MIN/1 DW	4 MIN/2 DW	8 MIN/1 DW		
VALVE 9 (TREE/RWS/MODERATE)	0.50	RWS	0.81	0.62	763	471	16,090 GAL	4 MIN/2 DW	8 MIN/1 DW	16 MIN/2 DW	32 MIN/1 DW	20 MIN/2 DW	40 MIN/1 DW	8 MIN/2 DW	17 MIN/1 DW		
VALVE 23 (SHRUB/BUBBLER/LOW)	0.24	BUBBLER	0.81	0.30	212	64	2,173 GAL	1 MIN/4 DW	1 MIN/2 DW	2 MIN/4 DW	4 MIN/2 DW	3 MIN/4 DW	5 MIN/2 DW	1 MIN/4 DW	2 MIN/2 DW		
					TOTAL AREA= 1,936 SF	TOTAL= 823	TOTAL = 28,111 GAL.										
SPECIAL LANDSCAPE AREAS																	
VALVES 1, 7, 8, 10, 11, 12, 13, 19, 22, 25, 26 (TURF/ROTARY/HIGH)				1	40587	40,587	1,386,533 GAL	5 MIN/4 TD	14 MIN/3 DW	7 MIN/4 TD	63 MIN/3 DW	8 MIN/4 TD	79 MIN/3 DW	5 MIN/4 TD	33 MIN/3 DW		
VALVES 2, 3, 4, 5, 6, 14, 15, 16, 17, 20, 21 (TURF/ROTOR/HIGH)				1	109987	109,987	3,757,376 GAL	5 MIN/4 TD	9 MIN/3 DW	5 MIN/4 TD	40 MIN/3 DW	5 MIN/4 TD	50 MIN/3 DW	5 MIN/4 TD	21 MIN/3 DW		
					TOTAL AREA= 150,574 SF	TOTAL= 150,574	TOTAL = 5,143,909 GAL.										
* THIS INFORMATION DERIVED FROM PLANT FACTOR DESIGNATIONS IN THE WUCOLS IV DOCUMENT.																	

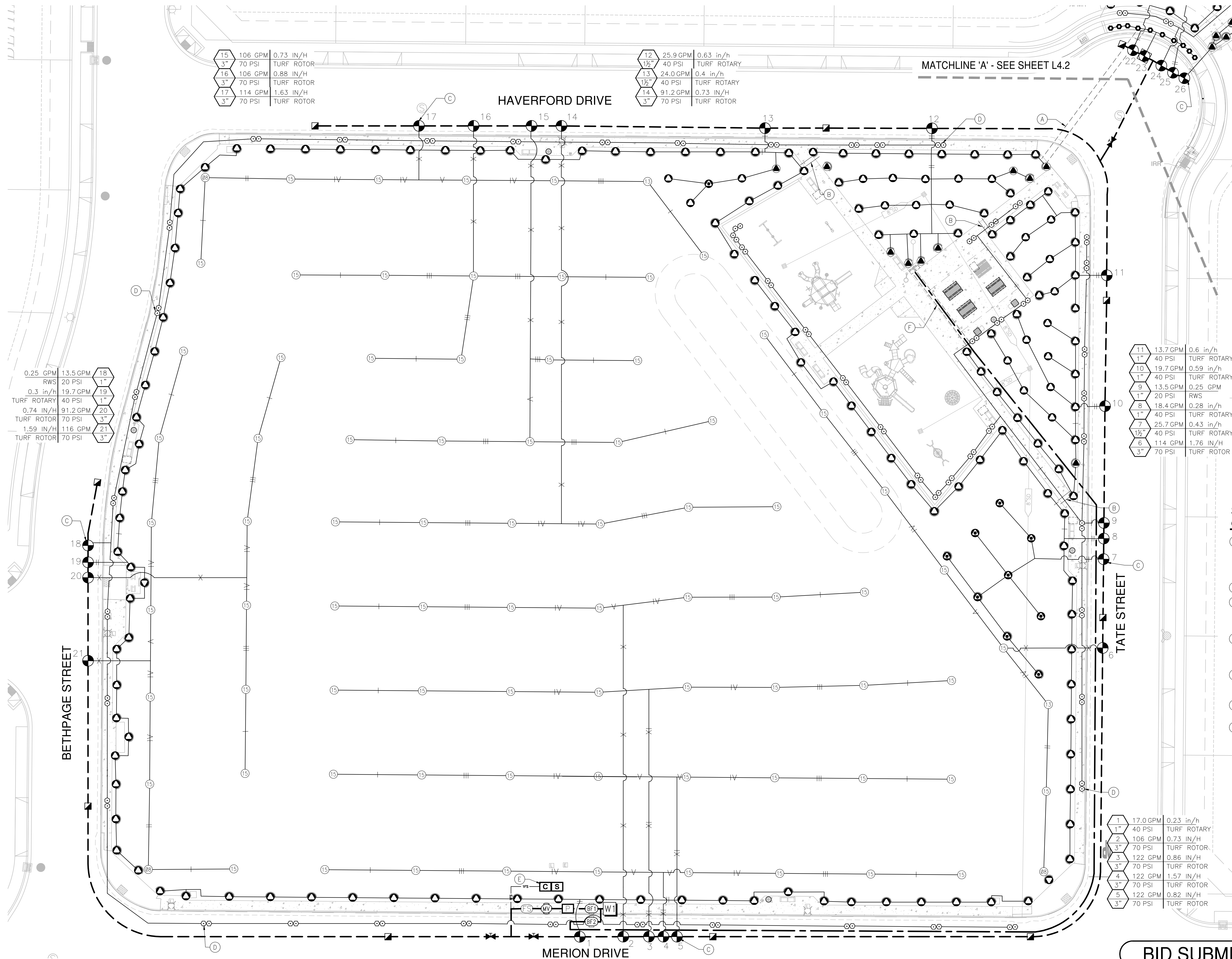
IRRIGATION LEGEND						
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM	RADIUS	DETAIL
ROTARY						
	HUNTER 1-25-06-SS WITH #8 NOZZLE HUNTER ROTOR, 6 IN. POP-UP, ADJUSTABLE AND FULL CIRCLE, STAINLESS RISER, DRAIN CHECK VALVE, STANDARD NOZZLE.	3	70	9.9	51'	6/L7.0
	HUNTER 1-25-06-SS WITH #8 NOZZLE HUNTER ROTOR, 6 IN. POP-UP, ADJUSTABLE AND FULL CIRCLE, STAINLESS RISER, DRAIN CHECK VALVE, STANDARD NOZZLE.	2	70			6/L7.0
	HUNTER 1-25-06-SS WITH #15 NOZZLE HUNTER ROTOR, 6 IN. POP UP, ADJUSTABLE AND FULL CIRCLE, STAINLESS STEEL RISER, DRAIN CHECK VALVE, STANDARD NOZZLE.	76	70	15.2	57'	6/L7.0
	HUNTER MP1000 PROS-06-PRS40-CV-F SHRUB ROTATOR, 6 IN. POP-UP WITH CHECK VALVE, FLOGUARD, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE.	24	40	VARIES	8'-15'	7/L7.0
	HUNTER MP2000 PROS-06-PRS40-CV-F SHRUB ROTATOR, 6 IN. POP-UP WITH CHECK VALVE, FLOGUARD, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE.	191	40	VARIES	13'-21'	7/L7.0
	HUNTER MP3000 PROS-06-PRS40-CV-F SHRUB ROTATOR, 6 IN. POP-UP WITH CHECK VALVE, FLOGUARD, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE.	10	40	VARIES	22'-30'	7/L7.0
DRIP COMPONENTS						
	RAIN BIRD RWS-M-B-C-1401 W/RWS-GRATE & RWS-SOCK ROOT WATERING SYSTEM WITH RWS-SOCK (2/TREE)	122	20	.25/EA		5/L7.0
	RAIN BIRD 1401 W/SR050 BUBBLER FILTER SCREEN PRESSURE COMPENSATING THREADED BUBBLERS	10	30	.25/EA		L-8/L7.0
IRRIGATION EQUIPMENT						
	HUNTER ICZ-101-25. DRIP CONTROL ZONE KIT. 1" ICV GLOBE VALVE W/ 1" HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 2 GPM TO 20 GPM. 150 MESH STAINLESS STEEL SCREEN. INSTALL IN VALVE BOX WITH LOCKING LID.	1				4/L7.0
	HUNTER ICV-G-FS. 1", 1-1/2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH FILTER SENTRY MECHANISM. INSTALL IN VALVE BOX WITH LOCKING LID.	25				L-6/L7.1
	RAIN BIRD 33-DIRC QUICK COUPLER VALVE. INSTALL IN VALVE BOX WITH LOCKING LID.	10				L-7/L7.1
	NIBCO F619-RWS-SON DUCTILE IRON GATE SHUT OFF VALVE WITH NUT DRIVE HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER. INSTALL IN VALVE BOX WITH LOCKING LID.	3				3/L7.0
	FSI-S30-001 FLOW SENSOR 3" 3" CREATIVE SENSOR TECHNOLOGY SADDLE TYPE FLOW SENSOR. INSTALL IN VALVE BOX WITH LOCKING LID.	1				2/L7.0
	BUCKNER SUPERIOR 3200-300 3" NORMALLY CLOSED MASTER VALVE. INSTALL IN VALVE BOX WITH LOCKING LID.	1				1/L7.0
	RAIN BIRD BOOSTER PUMP MODEL # H1L010NA00006SDNO, 10HP HORIZONTAL END SUCTION BOOSTER PUMP WITH 230V/1PH/60HZ, IN A MARINE GRADE ALUMINUM ENCLOSURE	1				-
	FEBCO 825Y 2" REDUCED PRESSURE BACKFLOW PREVENTER W/ WEATHER BLANKET	1				L-16/L7.1
	FEBCO 825Y 3/4" REDUCED PRESSURE BACKFLOW PREVENTER W/ WEATHER BLANKET (FOR DRINKING FOUNTAIN)	1				L-16/L7.1
	WATER METER 3"	1				-
	HUNTER ACC2 CONTROLLER CONVENTIONAL WIRE COMMERCIAL CONTROLLER. A2C-1200-SBKIT W/ 3 A2M-600 EXPANSION MODULES, WSS-SEN, WIRELESS SOLAR SYNC SENSOR, ROAMLX-KIT, RADIO REMOTE. INSTALL IN STAINLESS STEEL FLIP-TOP ENCLOSURE, SB-16SS, WITH SURGE PROTECTOR.	1				L-3&2 /L7.1
PIPING						
	IRRIGATION LATERAL LINE: PVC CLASS 200 IRRIGATION PIPE. ONLY LATERAL TRANSITION PIPE SIZES 1" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 3/4" IN SIZE.	9,641 L.F.				L-12/L7.0
	IRRIGATION MAINLINE: 4" PVC SCHEDULE 40 IRRIGATION PIPE. ALL MAINLINE FITTINGS SHALL BE SCH 80 PVC.	1,510 L.F.				L-12/L7.0
	IRRIGATION MAINLINE: 1" PVC SCHEDULE 40 (FOR DRINKING FOUNTAIN) PVC SCHEDULE 40 IRRIGATION PIPE. ALL MAINLINE FITTINGS SHALL BE SCH 80 PVC.	596 L.F.				L-12/L7.0
	PIPE SLEEVE: PVC SCHEDULE 40	PER PLANS				L-11/L7.1
	1" PVC SCHEDULE 40 ELECTRICAL CONDUIT FOR FLOW SENSORS, WITH (1) PAIGE ELECTRIC PE89 COMMUNICATION CABLE	25 L.F.				2/L7.0

PRESSURE LOSS CALCULATIONS			
STATIC WATER PRESSURE		55 PSI	
MAX. DYNAMIC FLOW		122 GPM	
PROPOSED OPERATING PRESSURE		70 PSI	
COMPONENT	SIZE	DISTANCE	PSI LOSS
ELEVATION CHANGE	+/-	N/A	0.0 PSI
WATER METER	3"	N/A	3.0 PSI
BACKFLOW PREVENTION DEVICE	2"	N/A	12.0 PSI
MASTER VALVE	3"	N/A	4.0 PSI
GATE/BALL VALVE	4"	N/A	1.5 PSI
REMOTE CONTROL VALVE	3"	N/A	1.8 PSI
MAIN LINE	4"	951 L.F.	7.0 PSI
LATERAL LINE	2"	148	0.4 PSI
TOTAL PSI LOSS:		29.7 PSI	
ACTUAL OPERATING PRESSURE:		25.3 PSI	
BOOST PRESSURE DEMAND:		44.7 PSI	

VALVE CALLOUT

	0.00 GPM	0.00 APPLICATION RATE (IN/H)
	00 PSI	RWS-RO

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15	106 GPM	0.73 IN/H
3"	70 PSI	TURF ROTOR
16	106 GPM	0.88 IN/H
3"	70 PSI	TURF ROTOR
17	114 GPM	1.63 IN/H
3"	70 PSI	TURF ROTOR

12	25.9 GPM	0.63 in/h
1 1/2"	40 PSI	TURF ROTARY
13	24.0 GPM	0.4 in/h
1 1/2"	40 PSI	TURF ROTARY
14	91.2 GPM	0.73 IN/H
3"	70 PSI	TURF ROTOR

0.25 GPM	13.5 GPM	18
RWS	20 PSI	1"
0.3 in/h	19.7 GPM	19
TURF ROTARY	40 PSI	1"
0.74 IN/H	91.2 GPM	20
TURF ROTOR	70 PSI	3"
1.59 IN/H	116 GPM	21
TURF ROTOR	70 PSI	3"

11	13.7 GPM	0.6 in/h
1"	40 PSI	TURF ROTARY
10	19.7 GPM	0.59 in/h
1"	40 PSI	TURF ROTARY
9	13.5 GPM	0.25 GPM
1"	20 PSI	RWS
8	18.4 GPM	0.28 in/h
1"	40 PSI	TURF ROTARY
7	25.7 GPM	0.43 in/h
1 1/2"	40 PSI	TURF ROTARY
6	114 GPM	1.76 IN/H
3"	70 PSI	TURF ROTOR

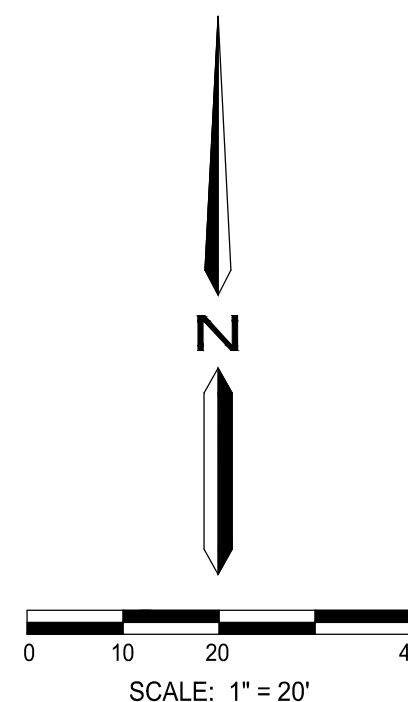
1	17.0 GPM	0.23 in/h
1"	40 PSI	TURF ROTARY
2	106 GPM	0.73 IN/H
3"	70 PSI	TURF ROTOR
3	122 GPM	0.86 IN/H
3"	70 PSI	TURF ROTOR
4	122 GPM	1.57 IN/H
3"	70 PSI	TURF ROTOR
5	122 GPM	0.82 IN/H
3"	70 PSI	TURF ROTOR

MATCHLINE 'A' - SEE SHEET L4.2

SHEET NOTES

(NOT ALL MAY APPEAR ON THIS SHEET)

- (A) UTILIZE EXISTING SLEEVING FOR IRRIGATION. CONFIRM SLEEVING IS SUFFICIENT FOR (1) 6" MAINLINE SLEEVE AND (1) 3" WIRE SLEEVE. CONTRACTOR SHALL VERIFY ACTUAL LOCATION ON-SITE.
- (B) (1) 3" LATERAL LINE SLEEVE.
- (C) MAINLINE AND VALVES SHOWN IN STREET FOR GRAPHIC CLARITY. INSTALL MAINLINE AND VALVES ALONG BACK OF SIDEWALK.
- (D) TREE BUBBLERS/RWS ARE SHOWN IN HARDSCAPE FOR GRAPHIC CLARITY. INSTALL IN ADJACENT LANDSCAPE AREA NEAR ROOT BALL OF TREES AND PER IRRIGATION DETAILS.
- (E) LOCATE IRRIGATION CONTROLLER W/ WEATHER SENSOR AT BACK OF WALK WITH FRONT OF CONTROLLER FACING WALKWAY.
- (F) (1) 3" MAINLINE SLEEVE FOR DRINKING FOUNTAIN.
- (G) (1) 6" LATERAL LINE SLEEVE.



BID SUBMITTAL

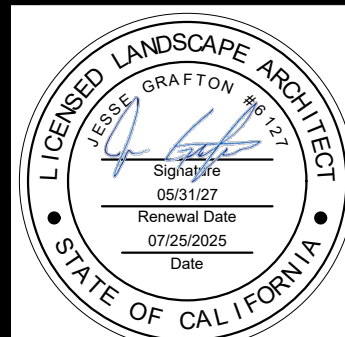


LANDSCAPE IMPROVEMENT PLANS IRRIGATION PLAN

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025
DRAFTER: YC/TL
DESIGNER: TL/JG
CHECKED: JG

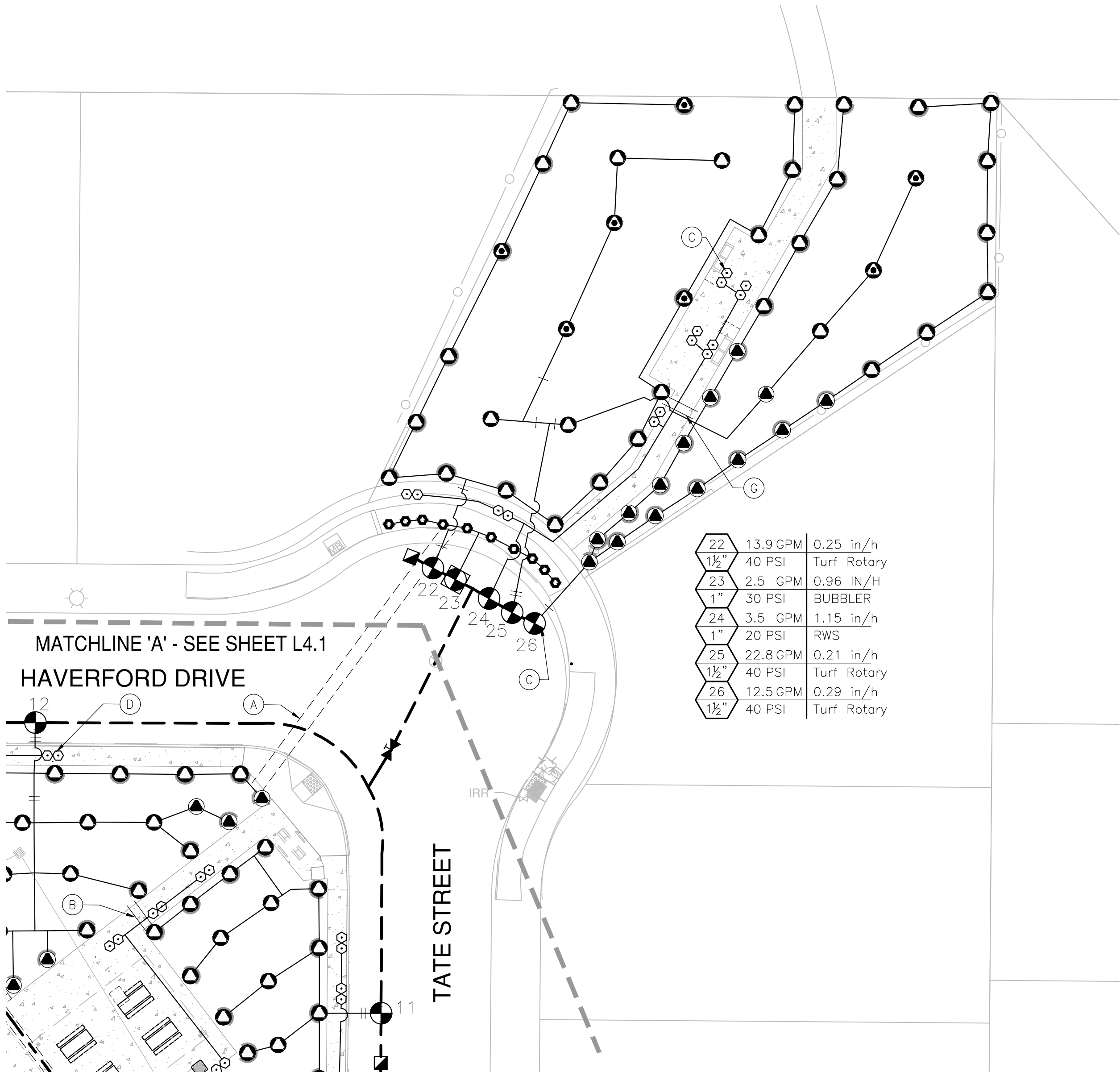
PROJECT NO.
38421



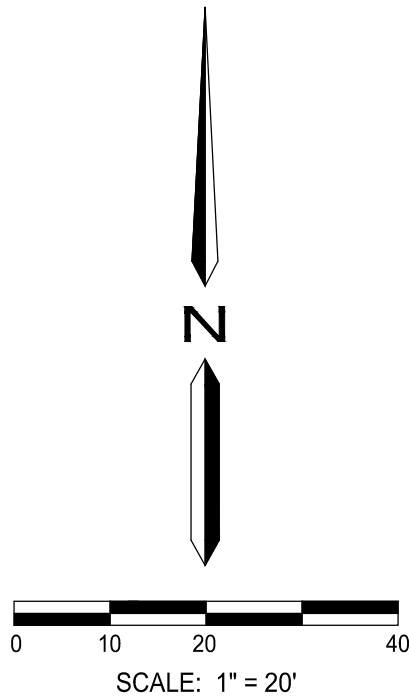
SHEET NO.
L4.1
OF
28

Westwood
Westwood Professional Services, Inc.
1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350
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westwoodps.com

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- SHEET NOTES**
(NOT ALL MAY APPEAR ON THIS SHEET)
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 - (F) (1) 3" MAINLINE SLEEVE FOR DRINKING FOUNTAIN.
 - (G) (1) 6" LATERAL LINE SLEEVE.



BID SUBMITTAL



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NO.	DESCRIPTION	DATE	BY

LANDSCAPE IMPROVEMENT PLANS
IRRIGATION PLAN

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

DATE: 07/25/2025

DRAFTER: YC/TL

DESIGNER: TL/JG

CHECKED: JG

PROJECT NO.
38421

LICENSED LANDSCAPE ARCHITECT
JESSE GRAFTON
053107
07/25/2025
DATE

STATE OF CALIFORNIA

SHEET NO.
L4.2
OF
28

GENERAL PLANTING NOTES

GENERAL PLANTING NOTES

1.

ANY AND ALL PORTIONS OF THIS WORK SHALL BE CONSTRUCTED IN COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS AS SET FORTH BY LOCAL MUNICIPALITIES, STATE AND NATIONAL AGENCIES. IN THE EVENT THERE IS A CONFLICT WITH THESE PLANS AND THE AGENCIES STATED ABOVE, THE GOVERNING BODY'S REGULATIONS SHALL PREVAIL.
2.

PRIOR TO BIDDING AND COMMENCEMENT OF SITE WORK, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND EXAMINE CONDITIONS OF THE PROJECT SITE, VERIFYING LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES. LOCATIONS OF ITEMS SHOWN ON THESE PLANS ARE ONLY APPROXIMATIONS. ANY DISCREPANCIES DISCOVERED SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT. FAILURE TO REPORT DISCREPANCIES TO THE LANDSCAPE ARCHITECT BEFORE COMMENCEMENT OF SITE WORK IMPLIES ACCEPTANCE OF SITE CONDITIONS AND COSTS ASSOCIATED WITH CORRECTING PLANTING RELATED INSTALLATIONS.
3.

CONTRACTOR SHALL PURCHASE AND PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE LANDSCAPE WORK (I.E. TREE PLANTING, SHRUB PLANTING, ETC.) AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THESE ITEMS UNTIL THE PROJECT IS COMPLETED.
4.

ALL SCALED DIMENSIONS ARE APPROXIMATE. PRIOR TO PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL CAREFULLY CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES AND SHALL IMMEDIATELY INFORM THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCY BETWEEN THE INFORMATION, NUMBERS PROVIDED ON THIS PLAN ARE FOR REFERENCE ONLY. THE NUMBER OF SYMBOLS SHOWN ON THE PLANS SHALL HAVE PRIORITY OVER THE NUMBERS GIVEN.

SOIL PREPARATION

1.

THE LANDSCAPE CONTRACTOR SHALL INSPECT THE PLANTER AREAS FOR EXTREME COMPACTION, PARTICULARLY AROUND CONSTRUCTION AREAS. CONTRACTOR SHALL PROVIDE MEANS FOR RIPPING TO A DEPTH OF TWELVE INCHES (12") ALL COMPACTED AREAS TO INSURE PROPER ROOT GROWTH OF NEW PLANTINGS.
2.

CULTIVATE TOP SIX INCHES (6") OF SOIL IN ALL AREAS.
3.

NO SOIL SHALL BE HANDLED OR WORKED WHEN IN A MUDDY CONDITION.
4.

FINISH GRADE SHALL BE APPROVED BY THE OWNERS REPRESENTATIVE BEFORE ANY PLANTING BEGINS.
5.

AN EVEN FINISHED GRADE WITH NO RIDGES OR DEPRESSIONS SHALL BE CAREFULLY MAINTAINED DURING OPERATIONS TO ENSURE PROPER SURFACE DRAINAGE.
6.

SHRUB AREAS SHALL BE FINE GRADED TO WITHIN TWO INCH (2") BELOW ADJACENT SURFACES.
7.

LAWN AREAS SHALL BE FINE GRADED TO WITHIN ONE INCH(1") BELOW ADJACENT SURFACES.
8.

CONTRACTOR SHALL PERFORM SOILS ANALYSIS AND OBTAIN AMENDMENT RECOMMENDATIONS FROM SOIL LABORATORY PRIOR TO BEGINNING WORK AND AFTER BACKFILL SOIL HAS BEEN PLACED. CONTRACTOR SHALL AMEND SOILS PER MOST RECENT RECOMMENDATIONS. FOR BID PURPOSES ONLY, THE FOLLOWING MINIMUM AMENDMENTS SHALL BE INCORPORATED INTO ALL PLANTED AREAS AND TILLED INTO THE SOIL TO A DEPTH OF SIX TO TWELVE INCHES (6"-12"):
-6-20-20 FERTILIZER AT 25 LBS PER 1,000 SF.
-SOIL SULFUR AT 25 LBS PER 1,000 SF.
-ORGANIC AMENDMENT AT 4 CUBIC YARDS PER 1,000 SF.
-BACKFILL MIX, 1/3 NATIVE SOIL, MIXED WITH 2/3 SOIL AMENDMENT.

HYDROSEEDING FIBER MULCH, BINDER, FERTILIZER & MIX

1.

PROVIDE HYDROMULCH COMPOSED OF WOOD CELLULOSE FIBER AND CONTAINING NO GERMINATIONS OR GROWTH-INHIBITING FACTORS. ENSURE A CONSISTENT TEXTURE WHICH DISPERSES EVENLY AND REMAINS SUSPENDED IN AGITATED WATER. PROVIDE WITH A TEMPORARY GREEN DYE.
2.

PROVIDE ORGANIC BINDER SEEDING ADDITIVE OR EQUAL.
3.

USE A BALANCED 15-15-15 BALANCED FERTILIZER.
4.

INCORPORATE SEED UNIFORMLY IN HYDROMULCH AT THE SPECIFIED RATES PER ACRE. SEED SHALL BE OF THE LATEST CROP, LABELED IN ACCORDANCE WITH THE CALIFORNIA FOOD AND AGRICULTURE CODE. SUBSTITUTIONS OF THE SEED MIX ARE PERMISSIBLE ONLY WITH PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT/CITY. THE SEED MIX SHALL CONSIST OF THE FOLLOWING:

-TURF TYPE: BOLERO PLUS: MIX PER DISTRIBUTOR. AVAILABLE THROUGH DELTA GROWERS, P (209)469-7979.

HYDROSEEDING PROCEDURE

1.

LAWN HYDROSEEDING SHALL BE ALLOWED ONLY DURING APPROPRIATE WEATHER CONDITIONS TO ASSURE GERMINATION.
2.

SLURRY MIXTURE WHICH HAS NOT BEEN APPLIED WITHIN FOUR (4) HOURS OF MIXING SHALL NOT BE USED AND SHALL BE REMOVED FROM THE SITE.
3.

AFTER APPLICATION, THE CONTRACTOR SHALL NOT OPERATE ANY EQUIPMENT OVER THE COVERED AREA.
4.

APPLY IN A SLURRY FORM CONSISTING OF CELLULOSE FIBER, SEED, CHEMICAL ADDITIVES, COMMERCIAL FERTILIZER, AND WATER. WHEN HYDRAULICALLY SPRAYED ON SOIL, ENSURE THAT HYDROMULCH FORMS A BLOTTER-LIKE GROUNDCOVER IMPREGNATED UNIFORMLY WITH SEED AND FERTILIZER THAT ALLOWS THE ABSORPTION OF MOISTURE AND RAINFALL TO PERCOLATE TO THE UNDERLYING SOIL.
5.

HYDRAULIC EQUIPMENT USED FOR THE APPLICATION OF SLURRY SHALL BE A COMMERCIAL TYPE HYDRO-SEEDER AND HAVE A BUILT-IN AGITATION SYSTEM WITH AN OPERATING CAPACITY SUFFICIENT TO AGITATE, SUSPEND, AND HOMOGENEOUSLY MIX SLURRY. DISTRIBUTION LINES SHALL BE LARGE ENOUGH TO PROVIDE EVEN DISTRIBUTION OF THE SLURRY OVER THE GROUND. THE SLURRY TANK SHALL HAVE A MINIMUM CAPACITY OF 1,000 GALLONS AND SHALL BE MOUNTED ON A TRAVELING UNIT WHICH WILL PLACE THE SLURRY TANK AND SPRAY NOZZLES WITHIN SUFFICIENT PROXIMITY TO THE AREAS TO BE SEEDDED SO AS TO PROVIDE UNIFORM DISTRIBUTION WITHOUT WASTE.
6.

SPRAY WITH A UNIFORM VISIBLE COAT BY USING THE GREEN COLOR OF THE MULCH AS A GUIDE. APPLY THE SLURRY IN A SWEEPING MOTION, IN AN ARCHED STREAM SO AS TO FALL LIKE RAIN, ALLOWING THE WOOD FIBERS TO BUILD ON EACH OTHER UNTIL A GOOD COAT IS ACHIEVED AND THE MATERIAL IS SPREAD AT REQUIRED RATES.
7.

CLEAN UP SPILLED SLURRY ON SIDEWALKS, CONCRETE STRUCTURES, PLANTS, ARCHITECTURAL FEATURES, SITE AMENITIES AND STREETS.
8.

MIX SLURRY COMPONENTS PER MANUFACTURER RECOMMENDATIONS PER ACRE.

PLANT MATERIAL

1.

SUBSTITUTIONS WILL NOT BE PERMITTED UNLESS APPROVED BY THE OWNER.
2.

PLANTS SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM NOXIOUS WEEDS, PLANT DISEASE, INSECT PESTS, OR THEIR EGGS, AND SHALL HAVE HEALTHY, NORMAL ROOT SYSTEMS AND COMPLY WITH ALL STATE AND LOCAL REGULATIONS.
3.

PLANTS SHALL NOT BE PRUNED PRIOR TO DELIVERY EXCEPT AS AUTHORIZED BY THE OWNER'S REPRESENTATIVE. DO NOT "TOP" TREES.
4.

ALL PLANT MATERIAL WILL BE REVIEWED AND APPROVED BY THE CITY OF TURLOCK PRIOR TO PLACEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY REJECTED MATERIAL AT THEIR COST.
5.

CONTRACTOR SHALL PROVIDE PLANT MATERIAL DELIVERY TO JOB SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE, CARE, INSTALLATION, AND GUARANTEE FROM TIME OF DELIVERY. DO NOT STORE PLANT MATERIAL ON CONCRETE OR ASPHALT SURFACES.

WEED CONTROL

1.

PRIOR TO HYDRO-SEEDING THE CONTRACTOR SHALL SPRAY A POST EMERGENT HERBICIDE TO KILL EXISTING WEEDS. ALLOW ONE (1) WEEK FOR WEEDS TO COMPLETELY DIE AND REMOVE FROM SITE.
2.

FOLLOWING REMOVAL OF WEEDS, IRRIGATE THE SITE KEEPING SOIL MOIST UNTIL GERMINATION OF THE NEW CROP OF WEEDS IS A MINIMUM OF ONE INCH (1") TALL. REPEAT THE HERBICIDE TREATMENT AFTER THE SECOND TREATMENT AND AFTER THE REQUIRED WAIT PERIOD (AS SPECIFIED BY HERBICIDE MANUFACTURER) SEEDING MAY BE PERFORMED.
3.

THE CONTRACTOR SHALL APPLY A BROADLEAF HERBICIDE FORTY-FIVE (45) DAYS AFTER SEEDING BUT NOT BEFORE THE THIRD MOWING. THE HERBICIDE SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED DIRECTIONS.

PLANTING OPERATIONS

1.

ALL PLANTS SHALL BE PLANTED, STAKED, AND TIED ACCORDING TO THESE PLANS.
2.

STAKE TREES AT THE LOWEST POINT WHERE THE TREE CAN SUPPORT ITSELF.
3.

THOROUGHLY WATER TREES, SHRUBS, AND GROUNDCOVER IMMEDIATELY AFTER PLANTING.
4.

RELOCATION OF TREES: IN THE EVENT THAT UNDERGROUND CONSTRUCTION WORK OR OBSTRUCTIONS ARE ENCOUNTERED IN EXCAVATION OF THE TREE HOLES, ALTERNATE LOCATIONS WILL BE SELECTED BY THE OWNER'S REPRESENTATIVE.
5.

ALL TREES SHALL BE PRUNED TO REMOVE BROKEN AND DAMAGED LIMBS AND BRANCHES. NO OTHER PRUNING IS APPROVED.
6.

ROOT BARRIERS SHALL BE REQUIRED FOR ALL TREES PLANTED WITHIN 10' OF A PAVED SURFACE. SEE DETAIL 3 ON SHEET L8.0 FOR MORE INFORMATION.
7.

3" TOPDRESSING OF DECOMPOSED GRANITE (GOLD) MULCH AVAILABLE FROM LOCAL SOURCES, SHALL BE INSTALLED PER DETAILS. WASH EXCESS MULCH OFF LEAVES AND DO NOT ENGULF STEMS OF PLANTS AND GROUNDCOVER.
8.

FERTILIZER TABLETS SHALL BE BEST-PAKS (20-10-5) PLANTER PACKETS PLACED IN ALL PLANTING PITS PER DETAILS.

PLANT ESTABLISHMENT AND MAINTENANCE PERIODS

1.

THE LANDSCAPE CONTRACTOR SHALL PROVIDE AN ESTABLISHMENT PERIOD OF NINETY (90) DAYS COMMENCING AT COMPLETION OF PLANT MATERIAL INSTALLATION. ESTABLISHMENT PERIOD SHALL ACHIEVE A 90% STAND/COVERAGE OF TURF/LAWN.
2.

APPROXIMATELY 30 DAYS AFTER INITIAL PLANTING, APPLY A BALANCED FERTILIZER TO TURF AND SHRUB AREAS PER MANUFACTURER'S RECOMMENDED RATES.
3.

FOLLOWING PROJECT ACCEPTANCE (TURF/LAWN SHALL ACHIEVE A 90% STAND/COVERAGE), THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE INSTALLATION FOR NINETY (90) DAYS INCLUDING MOWING AND MAINTENANCE OF SHRUBS, TREES, FERTILIZATION, REMOVING CLIPPINGS FROM SITE, EDGING, AND THE CONTROL OF WEEDS. ADJUSTMENTS TO THE IRRIGATION SYSTEM FOR TIME AND DURATION OF FLOWS AND REPLACEMENT AND ADJUSTMENTS TO HEADS AND EMITTERS ARE ALSO REQUIRED.
4.

THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR DISEASE AND PEST CONTROL DURING THE ESTABLISHMENT AND MAINTENANCE PERIODS.

ACCEPTANCE

1.

COMPLETED WORK SHALL BE REVIEWED AND OBSERVED BY OWNER. ANY MODIFICATIONS REQUIRED TO MEET THE STANDARDS AS SET FORTH IN THESE LANDSCAPE DOCUMENTS WILL BE SUBMITTED TO THE LANDSCAPE CONTRACTOR AND CORRECTED AT THE LANDSCAPE CONTRACTOR'S EXPENSE. CORRECTED ITEMS MUST BE APPROVED BY THE CITY OF TURLOCK.
2.

UPON FINAL ACCEPTANCE, LANDSCAPE CONTRACTOR SHALL INSTRUCT MAINTENANCE PERSONNEL AS TO THE OPERATION AND MAINTENANCE OF ALL LANDSCAPING.

GUARANTEE

1.

TURF/LAWN CONTRACTOR SHALL GUARANTEE COMPLETE COVERAGE OF THE AREA TO BE HYDROSEEDED.
2.

ALL TREES AND SHRUBS SHALL BE GUARANTEED BY THE LANDSCAPE CONTRACTOR TO LIVE AND GROW IN A HEALTHY UPRIGHT POSITION FOR A PERIOD OF ONE YEAR. REPLACEMENT MATERIAL WILL BE AT THE LANDSCAPE CONTRACTOR'S EXPENSE EXCEPT IF VANDALIZED OR STOLEN.

WATER CONSERVATION STATEMENT

1.

I HAVE COMPLIED WITH THE CRITERIA OF THE (STATE/CITY WATER CONSERVATION) ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.
2.

CHANGES TO THE APPROVED PLANS OR FIELD SUBSTITUTIONS SHALL NOT BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT AND THE CITY OF TURLOCK. IF THE OWNER/CONTRACTOR DEVIATES FROM THE APPROVED PLAN WITHOUT PRIOR WRITTEN APPROVAL THEY WILL BE REQUIRED TO MAKE ANY CORRECTIONS, AT THEIR OWN EXPENSE, TO BRING THE LANDSCAPE AND IRRIGATION INTO COMPLIANCE WITH THE APPROVED PLANS AND THE STATE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE.

CLOSE-OUT DOCUMENTS

1.

AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL SUPPLY A "CERTIFICATE OF COMPLETION" DOCUMENT. THE DOCUMENT SHALL INCLUDE:

A. PROJECT INFORMATION SHEET THAT CONTAINS:
1. DATE
2. PROJECT NAME
3. PROJECT APPLICANT NAME, TELEPHONE NUMBER, AND MAILING ADDRESS.
4. PROJECT ADDRESS
5. PROPERTY OWNER NAME, TELEPHONE NUMBER AND MAILING ADDRESS.

B. CERTIFICATION BY THE LICENSED LANDSCAPE CONTRACTOR THAT THE LANDSCAPE PROJECT HAS BEEN INSTALLED PER THE APPROVED LANDSCAPE DOCUMENTATION PACKAGE.
1. WHERE THERE HAVE BEEN SIGNIFICANT CHANGES MADE IN THE FIELD DURING CONSTRUCTION THESE "AS-BUILT" OR RECORD DRAWINGS SHALL BE INCLUDED WITH THE CERTIFICATION.
2. A DIAGRAM OF THE IRRIGATION PLAN SHOWING HYDROZONES SHALL BE KEPT WITH THE IRRIGATION CONTROLLER FOR SUBSEQUENT MANAGEMENT PURPOSES.



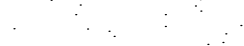

C. IRRIGATION SCHEDULING PARAMETERS USED TO SET THE CONTROLLER.

D. LANDSCAPE AND IRRIGATION MAINTENANCE SCHEDULE

E. IRRIGATION AUDIT REPORT.

F. SOILS ANALYSIS REPORT IF NOT SUBMITTED WITH LANDSCAPE DOCUMENTATION PACKAGE AND DOCUMENTATION VERIFYING IMPLEMENTATION OF SOIL REPORT RECOMMENDATIONS.

PLANT LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	APPROX. SPACING	WATER USE	QTY.	REMARKS
TREES							
PLA COL	PLATANUS ACERIFOLIA 'BLOODGOOD'	BLOODGOOD LONDON PLANE TREE	15 GAL	PER PLAN	MODERATE	5	F&B, FGR, MATCH, SL
LAG NAT	LAGERSTROEMIA INDICA X FAURIEI 'NATCHEZ'	NATCHEZ CRAPE MYRTLE	15 GAL	PER PLAN	LOW	17	F&B, FGR, WHITE FLW, MATCH, SL
PIS KEI	PISTACIA CHINENSIS 'KEITH DAVEY'	KEITH DAVEY CHINESE PISTACHE	15 GAL	PER PLAN	LOW	39	F&B, FGR, MATCH, SL
SHRUBS							
	DIETES VEGETA	AFRICAN IRIS	1 GAL	36" O.C.	LOW	6	F&B, FGR, WHITE FLW, MATCH
	RHAPHIOLEPIS UMBELLATA 'MINOR'	YEDDA HAWTHORN	5 GAL	60" O.C.	LOW	4	F&B, FGR, WHITE FLW, MATCH
TURF							
	BOLERO PLUS	90/10 FESCUE BLEND	HYDROSEED		HIGH	148,816 SF	AVAILABLE FROM LOCAL SOURCES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
MISCELLANEOUS							
	UB24-2 DEEP ROOT BARRIERS (OR EQUAL)					753 LF	DEEPROOT OR EQUAL / WWW.DEEPROOT.COM / P: (800) 458-7668 / SEE DETAIL 3/L8.0

PLANT LIST ABBREVIATIONS

BR GR	BRANCHED TO GROUND	MATCH	MATCHED SIZE, FORM, CALIPER, BRANCHING AND CULTIVAR. SELECT FROM ONE LOT, ONE GROWER, FOR GUARANTEED CONSISTENCY THROUGH LIFE OF PLANTS. IN GENERAL PLANTS WITHIN A GROUP OR AREA ARE TO BE MATCHED, UNLESS NOTED OTHERWISE
DV	DWARF VARIETY	SL	SINGLE, STRAIGHT, DOMINANT LEADER
F&B	FULL DENSE, BUSHY, VIGOROUS PLANTS, WITH YOUNG GROWTH CLOSELY SPACED ON BRANCHES	TRI SP	TRIANGULARLY SPACED
FGR	FREE OF GIRDLING ROOTS	MTW	TRAIN TO WALL
FLW	FLOWER	VAR	VARIEGATED SPECIES
GAL	GALLON CAN		
HI BR	HIGH BRANCHED		
LO BR	LOW BRANCHED		

I HAVE COMPLIED WITH THE CRITERIA OF THE MODEL WATER EFFICIENT LANDSCAPE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE PLANTING PLANS.

BY:  07/25/2025
DATE:

Westwood

Westwood Professional Services, Inc.

T: 209.671.1765
F: 888.937.5150

1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350

westwoodps.com

LANDSCAPE IMPROVEMENT PLANS
PLANTING LEGEND AND NOTES

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

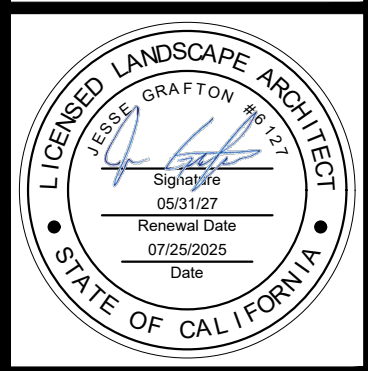
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DRAFTER: YC/TL

DESIGNER: TL/JG

CHECKED: JG

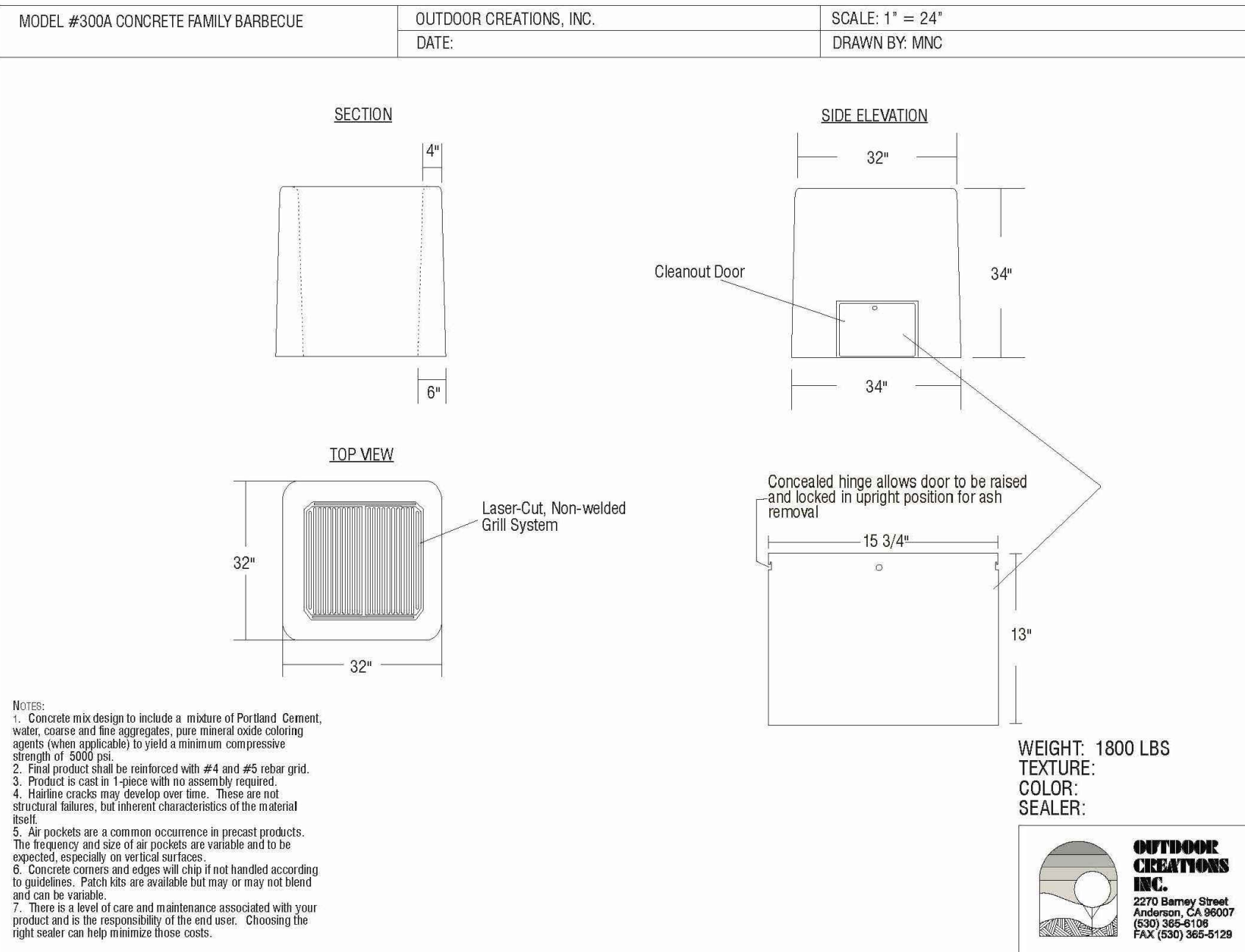
PROJECT NO.
38421



SHEET NO.
L5 OF
28

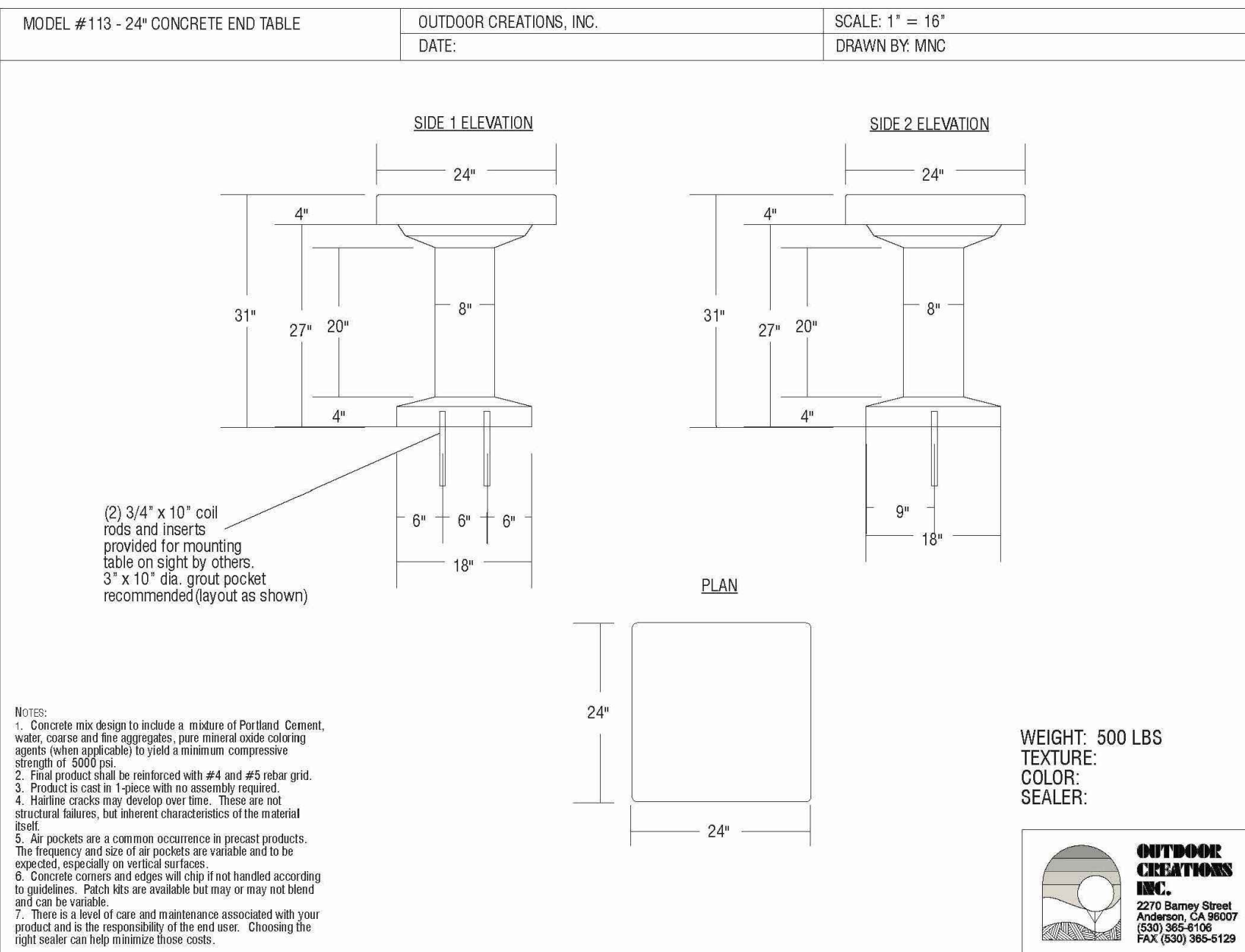
BID SUBMITTAL





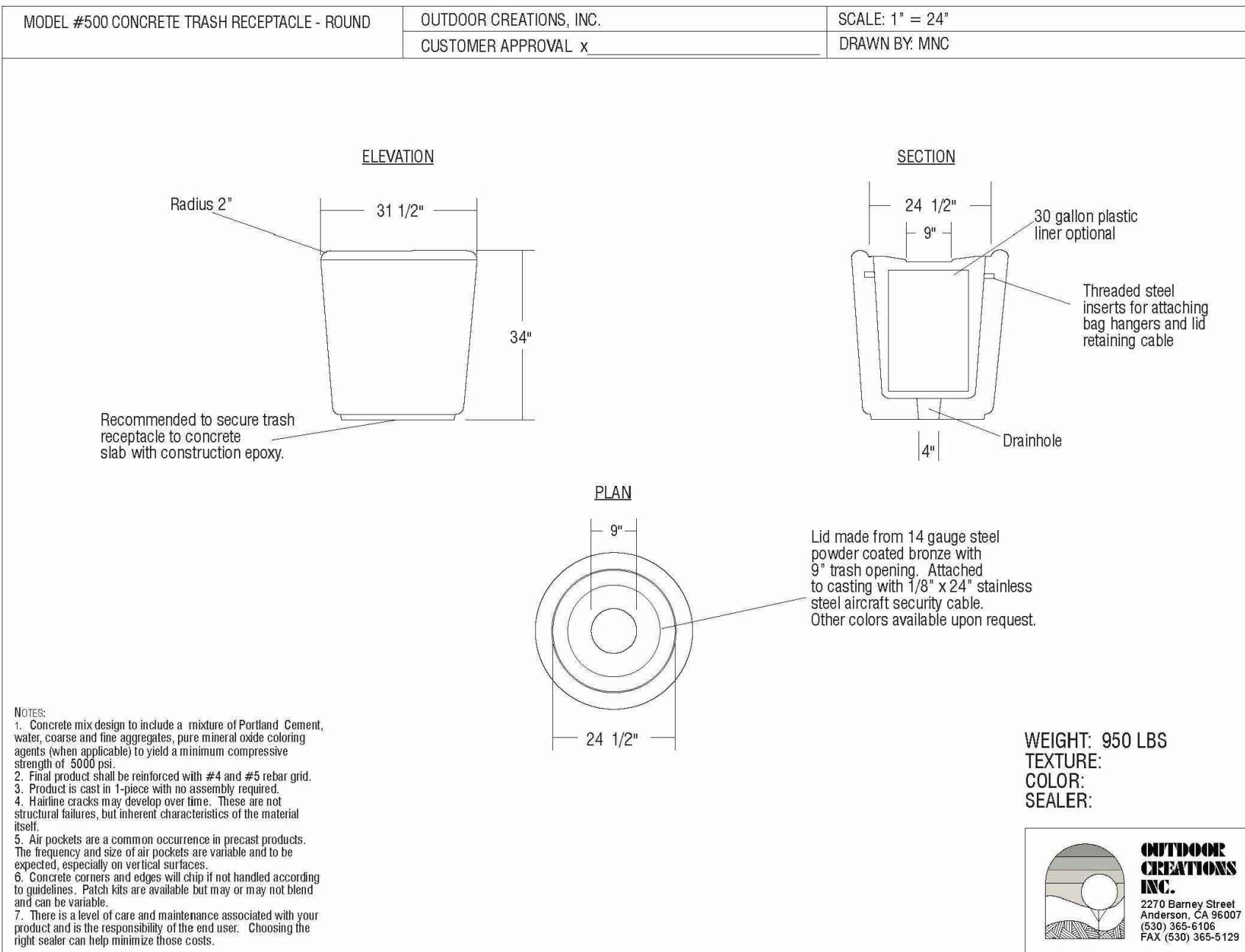
5 BBQ GRILL

NOT TO SCALE



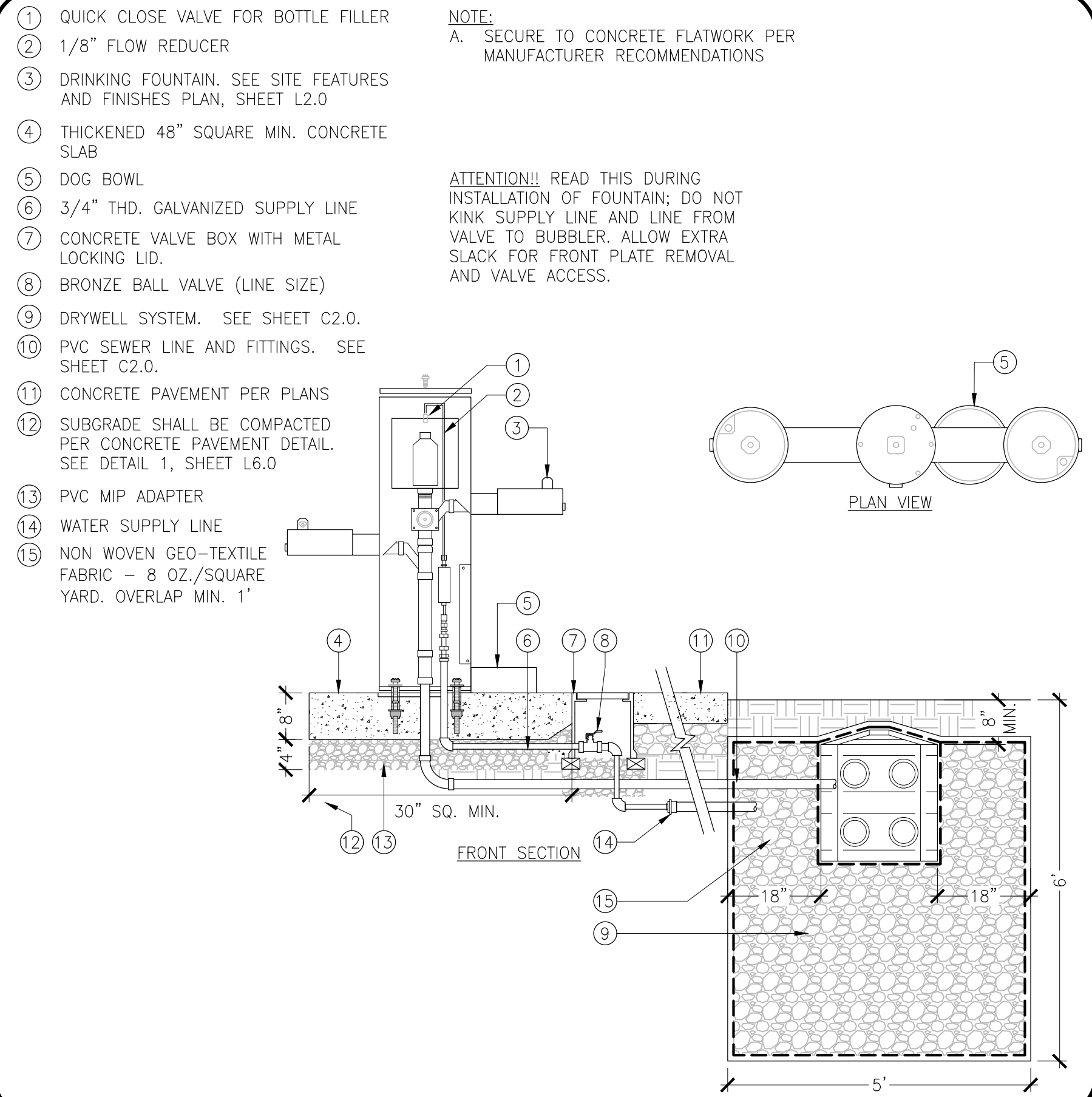
6 SERVICE TABLE

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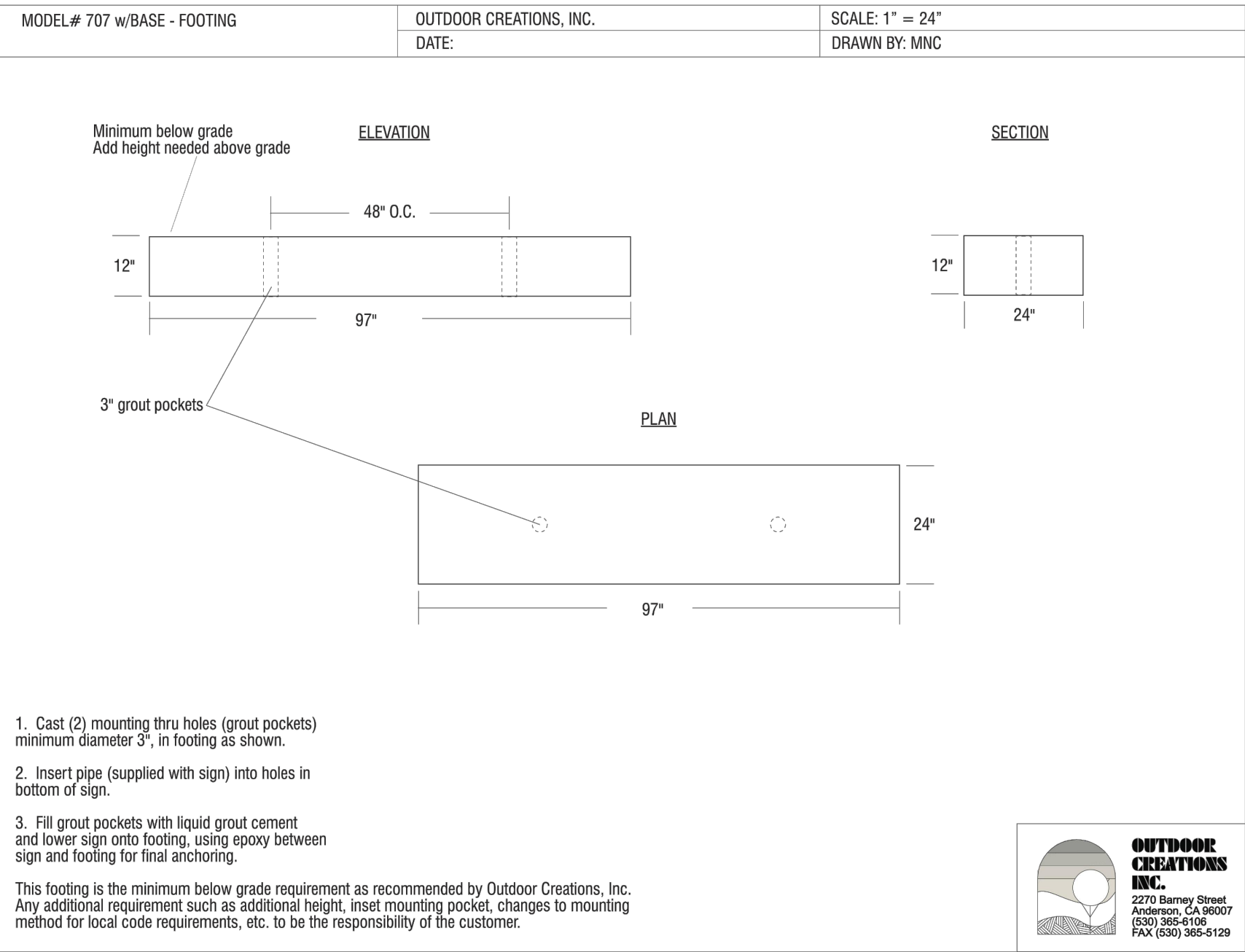


3 TRASH AND RECYCLING RECEPTACLES

NOT TO SCALE



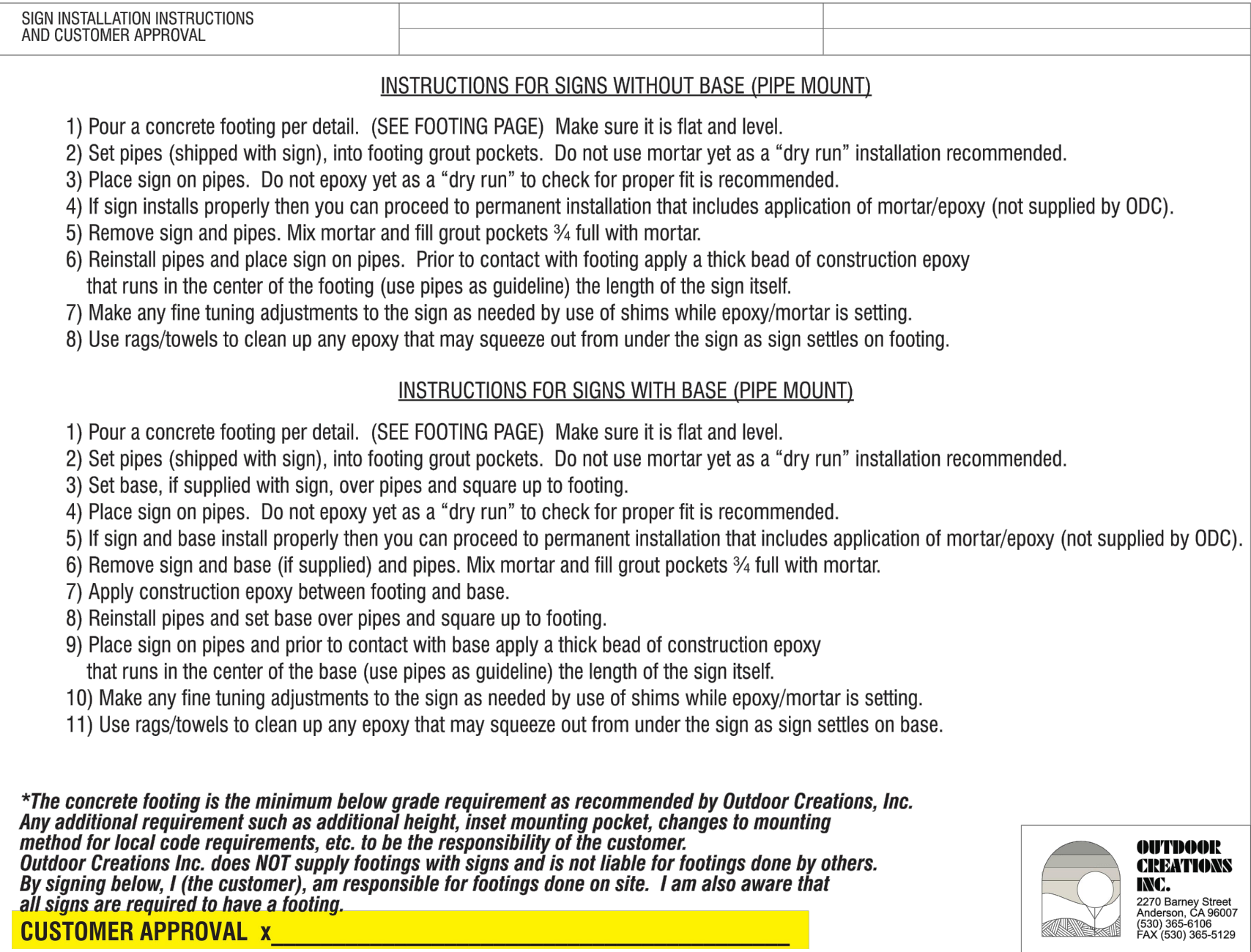
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NOTES:
A. DETAIL IS FOR BIDDING PURPOSES ONLY.
CONTRACTOR SHALL REFER TO DETAIL 3,
THIS SHEET, FOR FOOTING.

3 PARK SIGN FOOTING (REFERENCE ONLY)

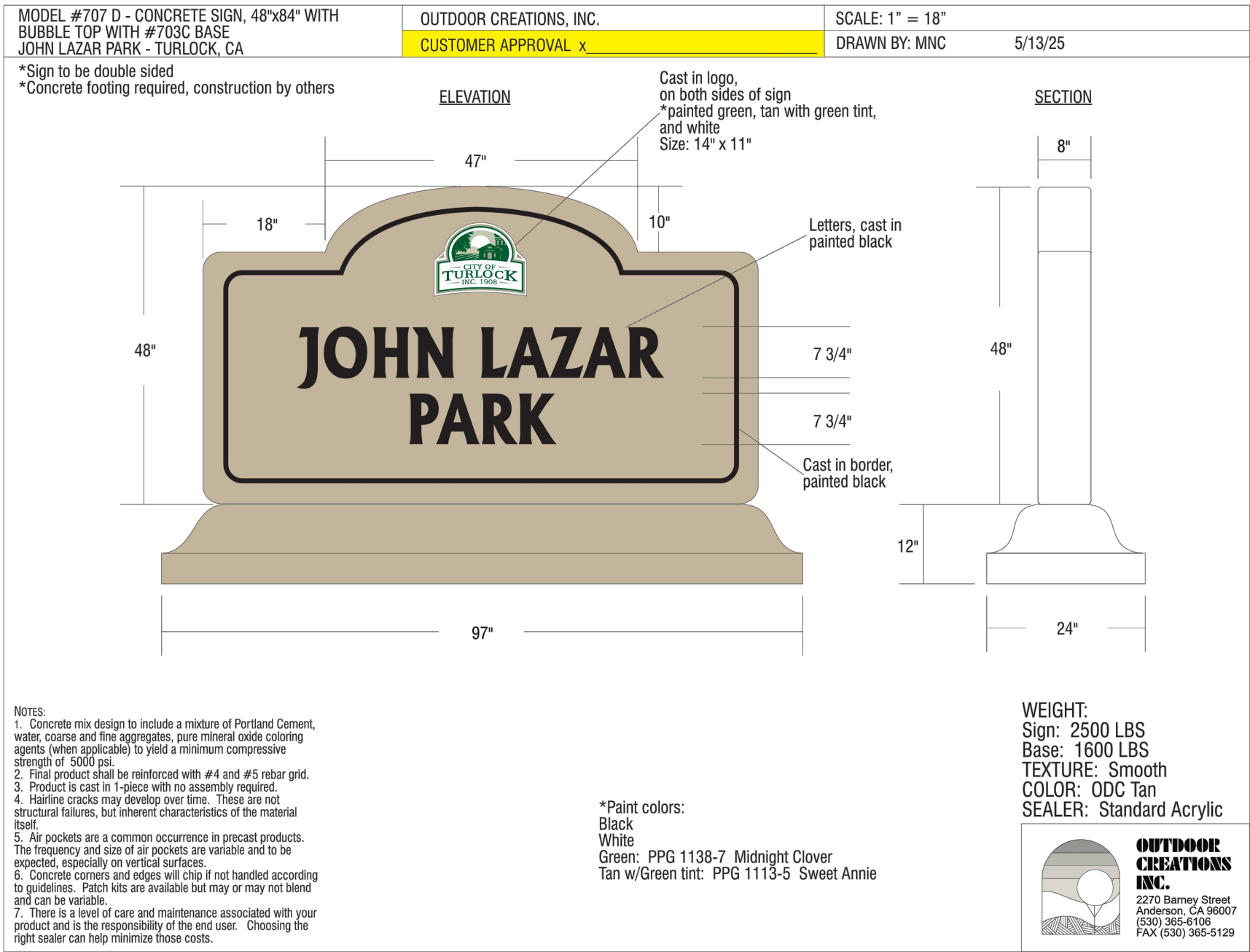
NOT TO SCALE



NOTES:
A. DETAIL IS FOR BIDDING PURPOSES ONLY.
CONTRACTOR SHALL REFER TO DETAIL 3,
THIS SHEET, FOR FOOTING.

4 PARK SIGN INSTRUCTIONS (REFERENCE ONLY)

NOT TO SCALE



NOTES:
A. DETAIL IS FOR BIDDING PURPOSES ONLY.
CONTRACTOR SHALL REFER TO DETAIL 3,
THIS SHEET, FOR FOOTING.
B. SIGN SHALL BE DOUBLE SIDED.

1 PARK SIGN (REFERENCE ONLY)

NOT TO SCALE



NOTES:
A. DETAIL IS FOR BIDDING PURPOSES ONLY.
CONTRACTOR SHALL REFER TO DETAIL 3,
THIS SHEET, FOR FOOTING.

2 PARK SIGN LOGO (REFERENCE ONLY)

NOT TO SCALE

BID SUBMITTAL

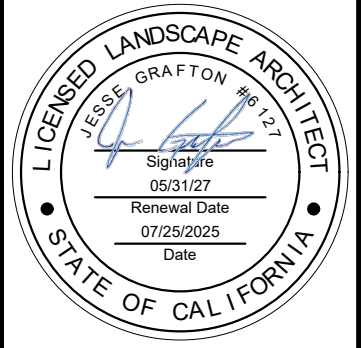


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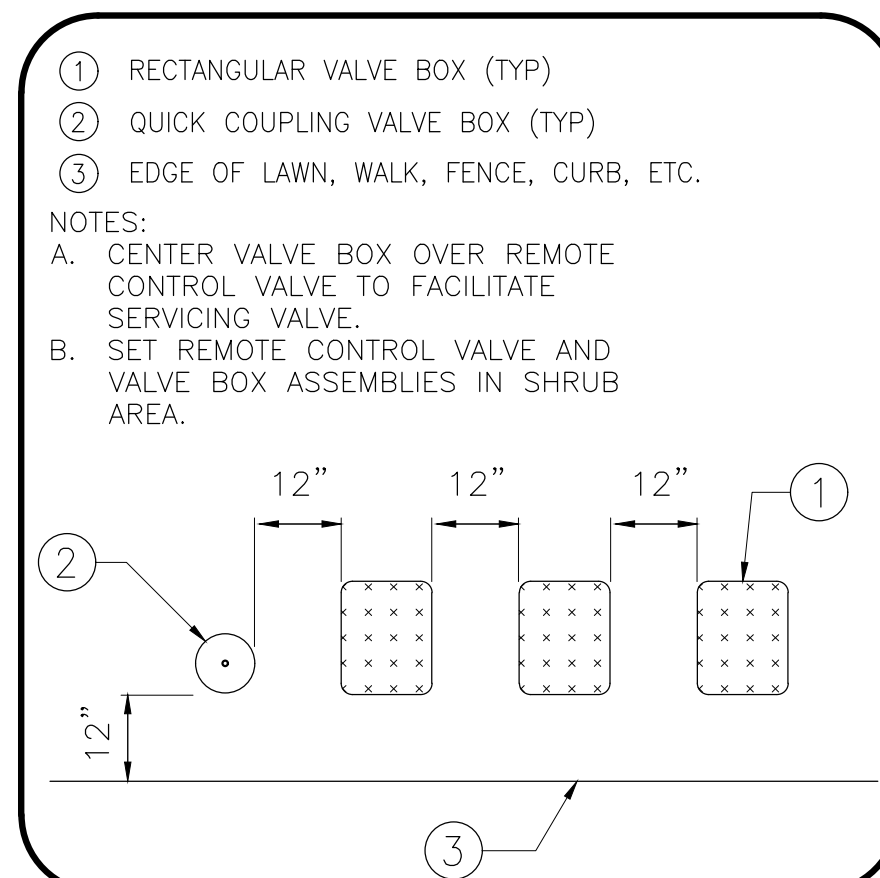
LANDSCAPE IMPROVEMENT PLANS
CONSTRUCTION DETAILS

JOHN LAZAR PARK
TURLOCK, CALIFORNIA

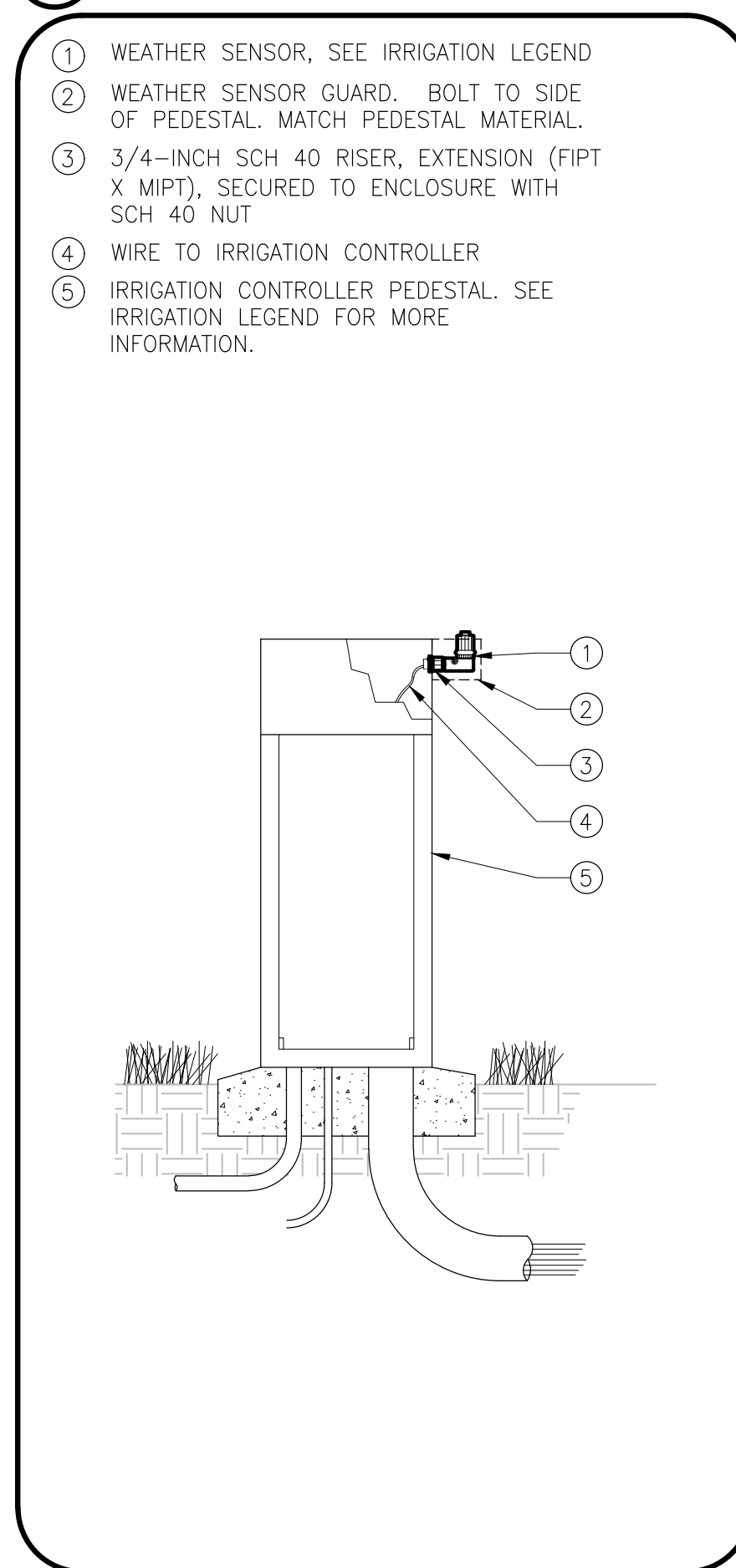
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DRAFTER:	YC/TL
DESIGNER:	TL/JG
CHECKED:	JG
PROJECT NO.	38421



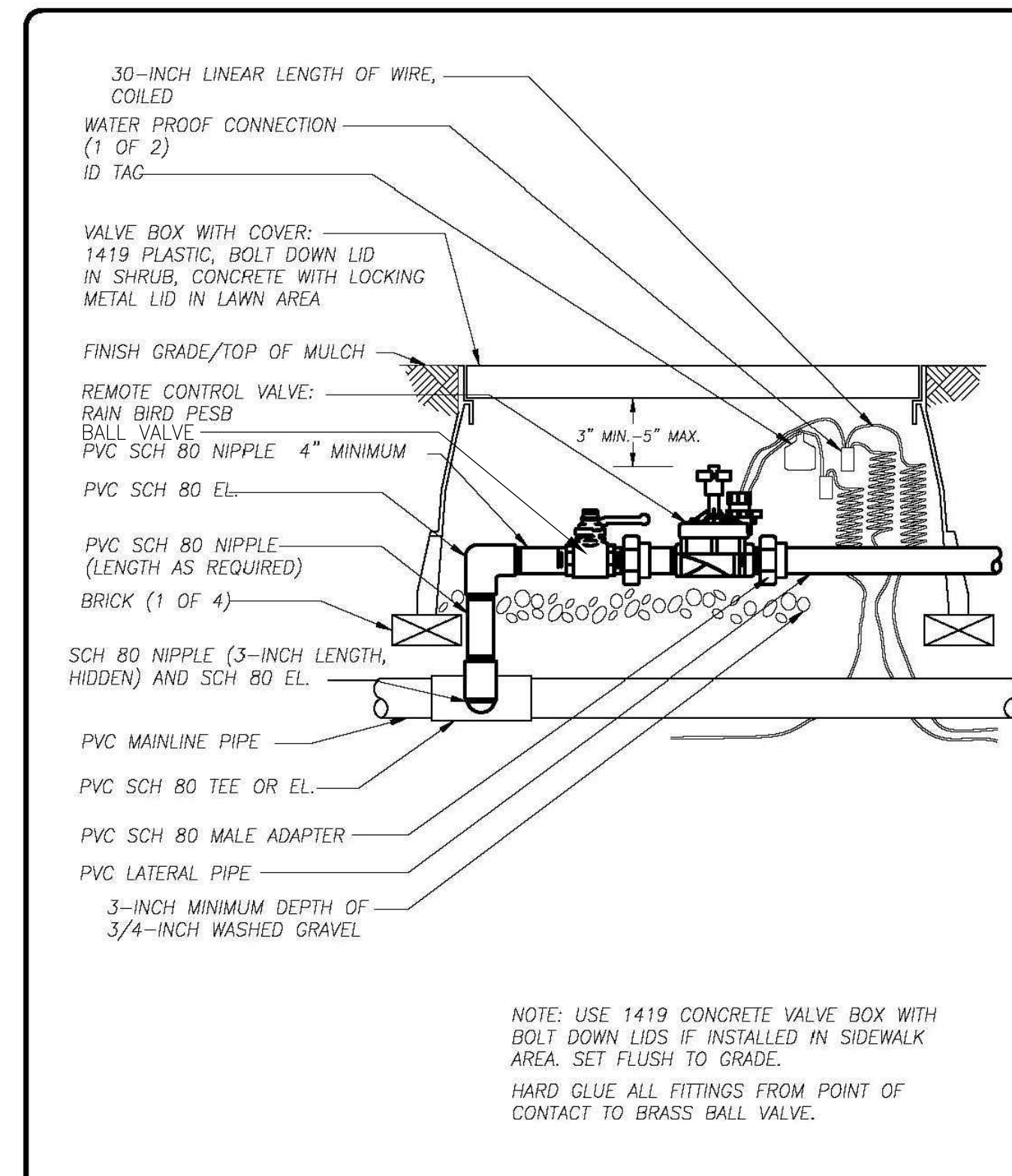
SHEET NO.
L6.2
OF
28





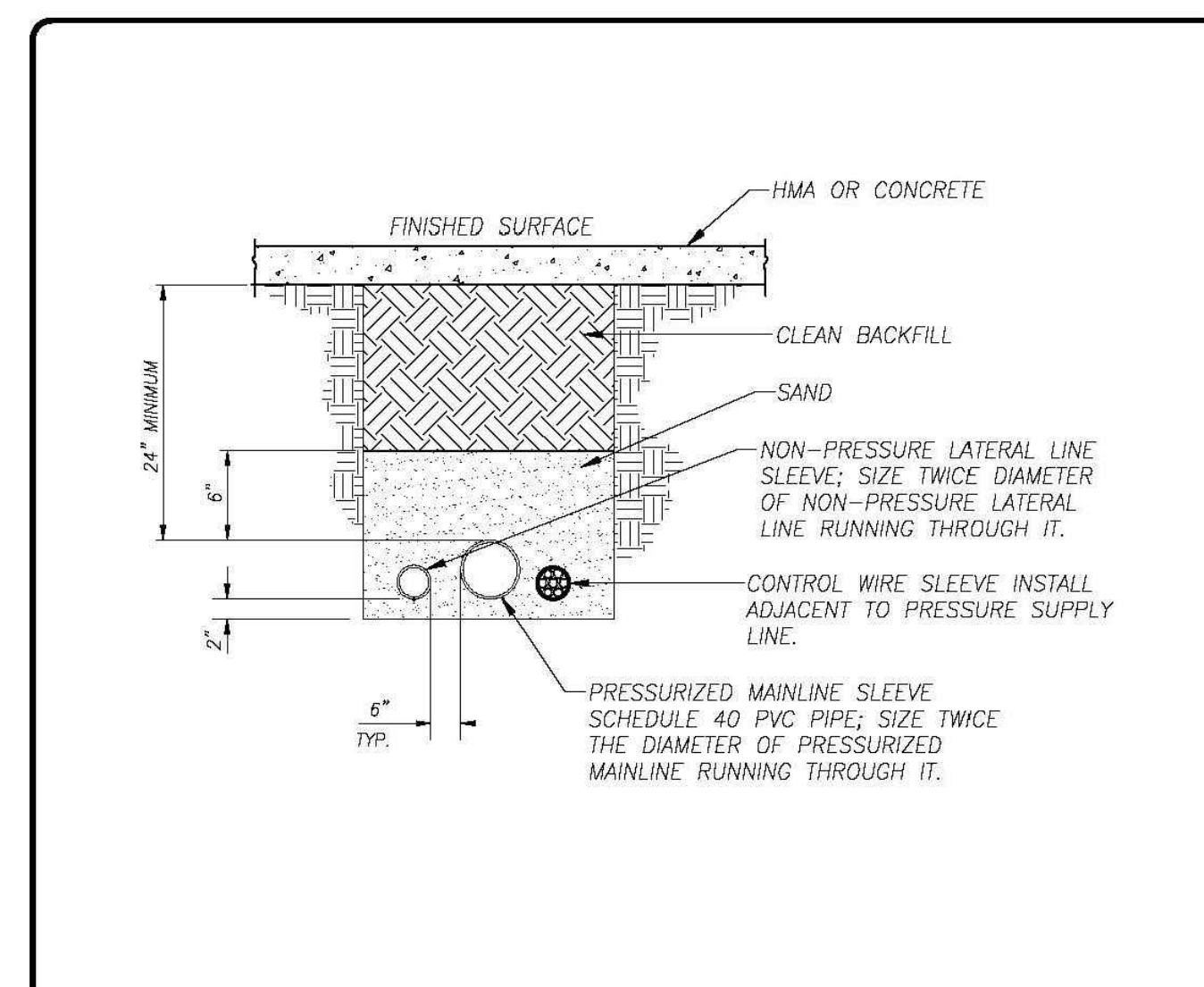
1 VALVE BOX LAYOUT



2 WEATHER SENSOR PEDESTAL MOUNT NOT TO SCALE




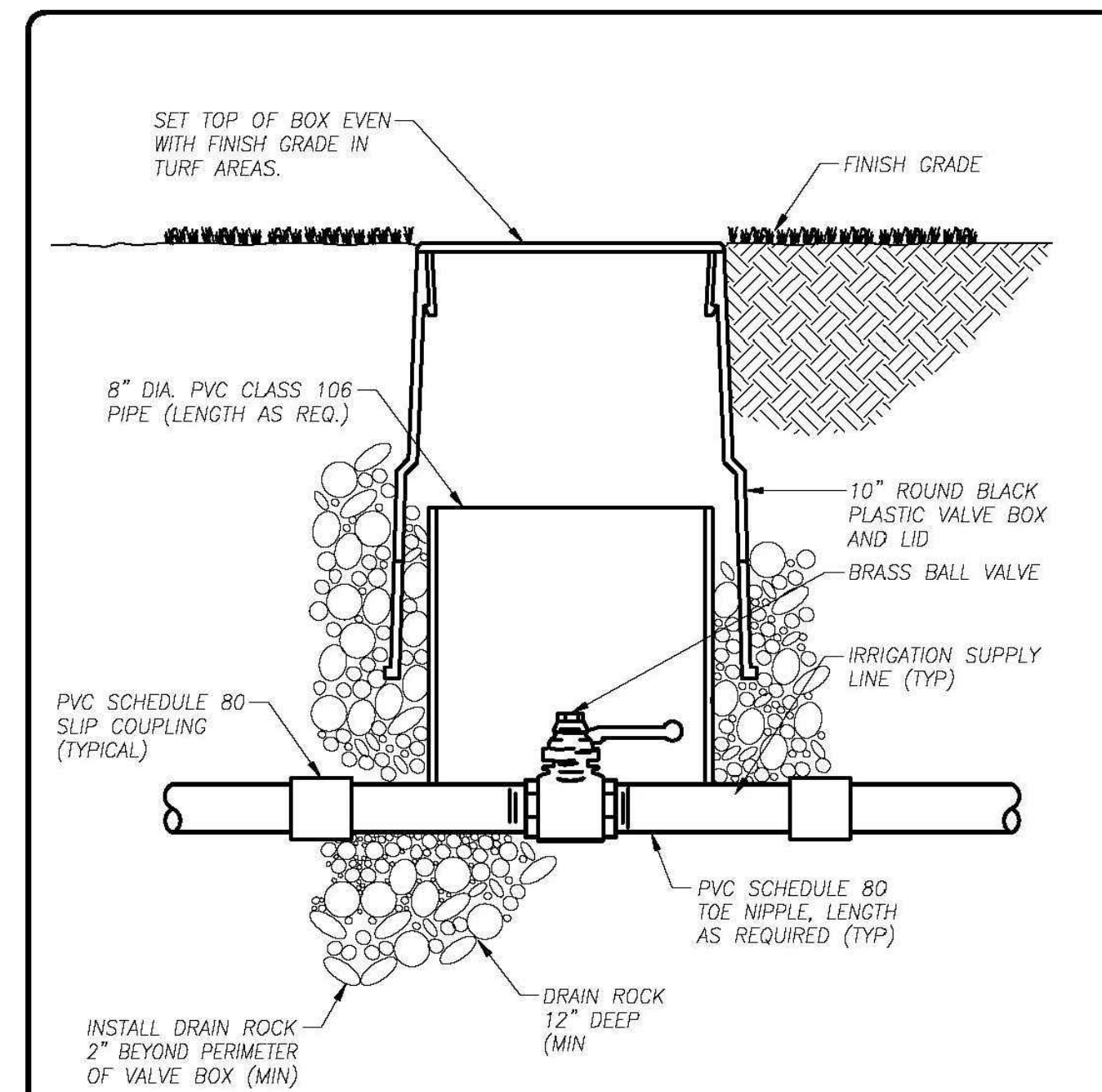
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DRAWN BY: VL			CITY OF TURLOCK			APPROVED BY:		
CHECK BY: NBB						COUNCIL APPROVAL		
SCALE: NONE			CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694			DEC, 2015		

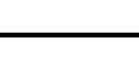
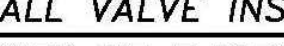


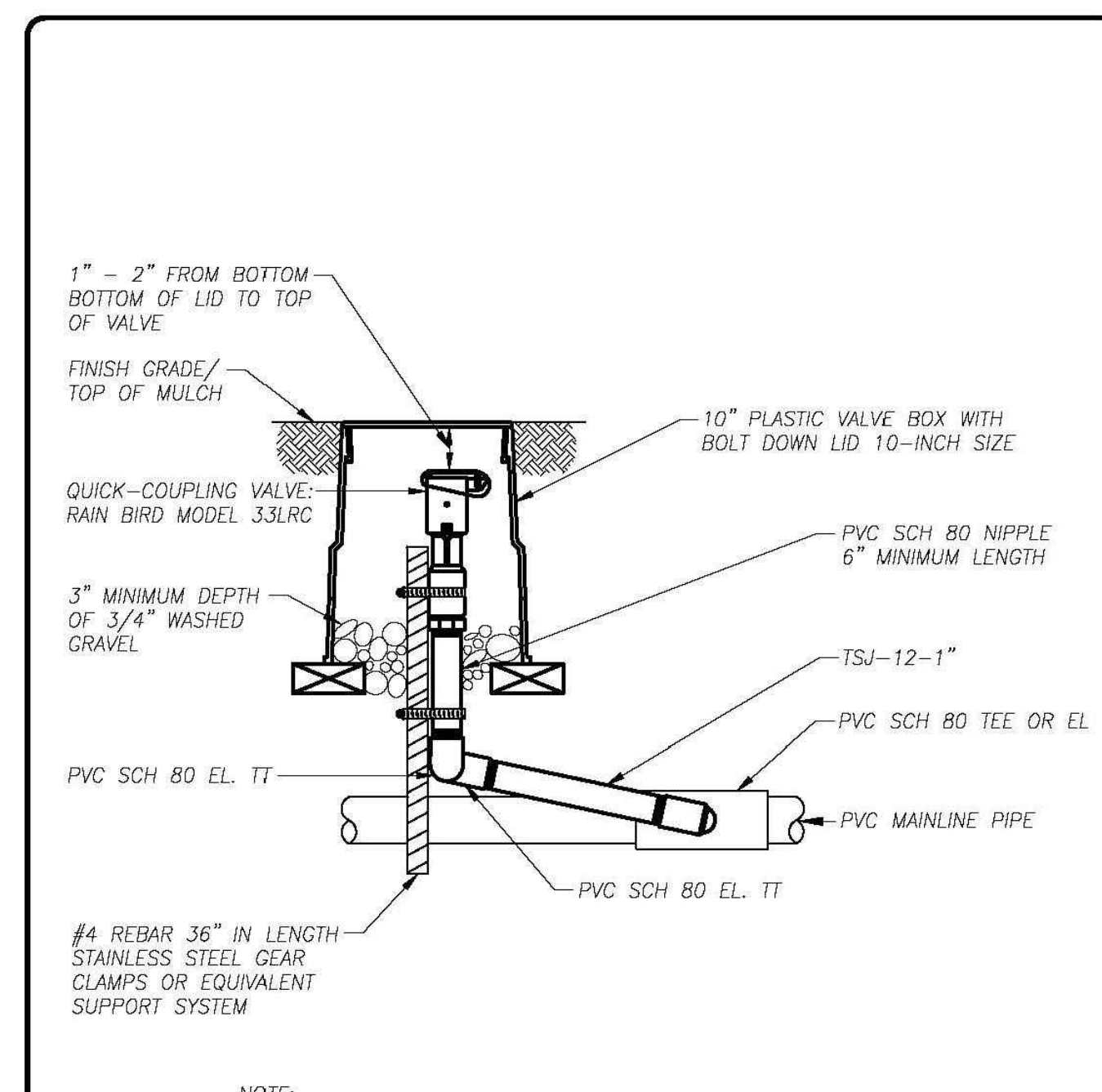
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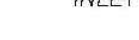
1. EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDCAPING AT BOTH ENDS
2. COMPACT SOIL BACKFILL TO 90% THROUGH WATER JETTING, 4" OF SCREENED SAND REQUIRED AROUND MAIN LINE PRIOR TO WATER JET COMPACTION.
3. SCHEDULE 40 PVC PIPE MUST BE USED AS SLEEVE UNDER ALL PAVING, WITH A 4" SCREENED SAND COVER.
4. ALL IRRIGATION WIRE MUST HAVE A SEPARATE SLEEVE MEETING THE SAME STATED INSTALLATION CONDITIONS.

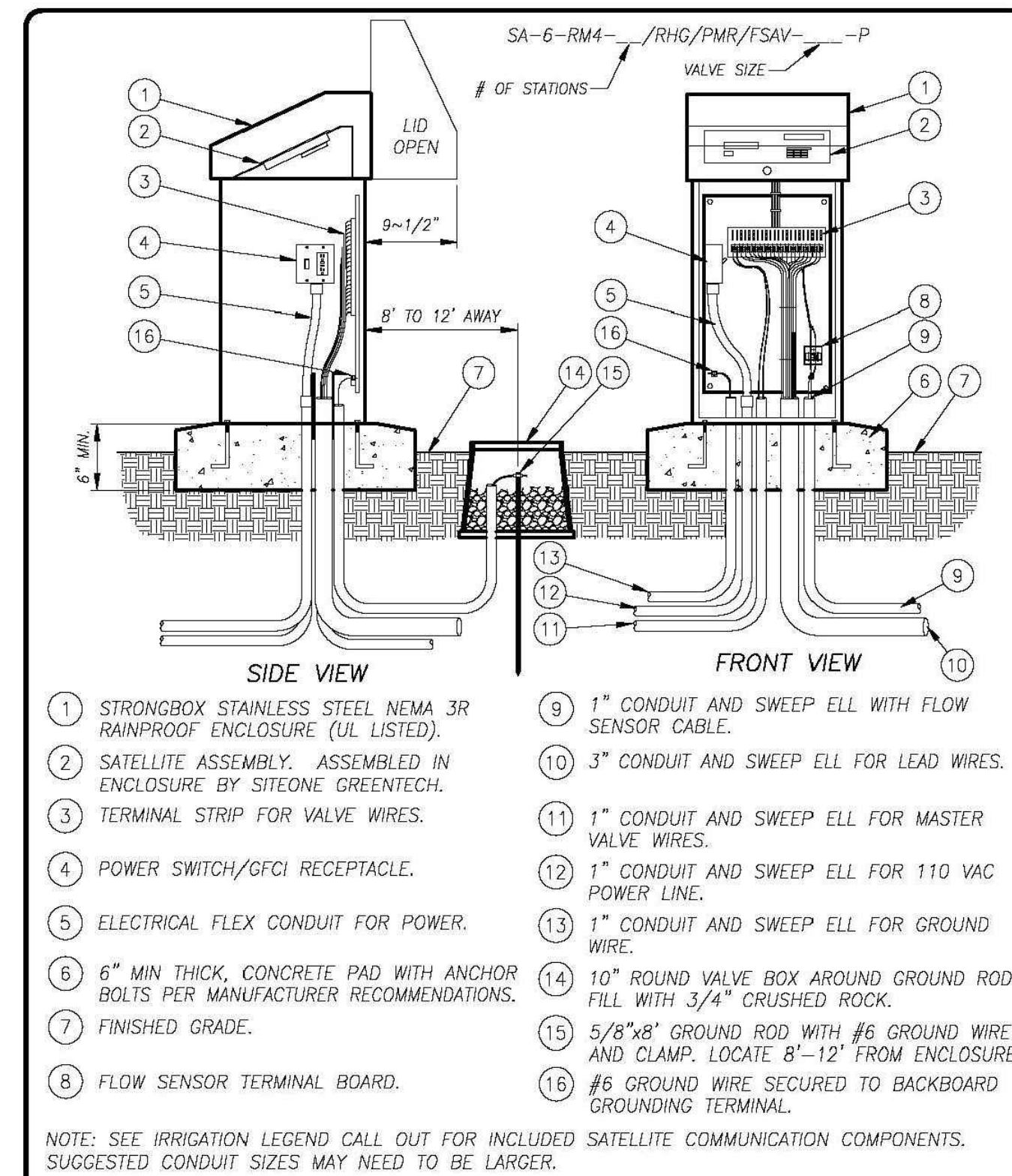
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	CHECK BY: NBB SCALE: NONE		CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694	





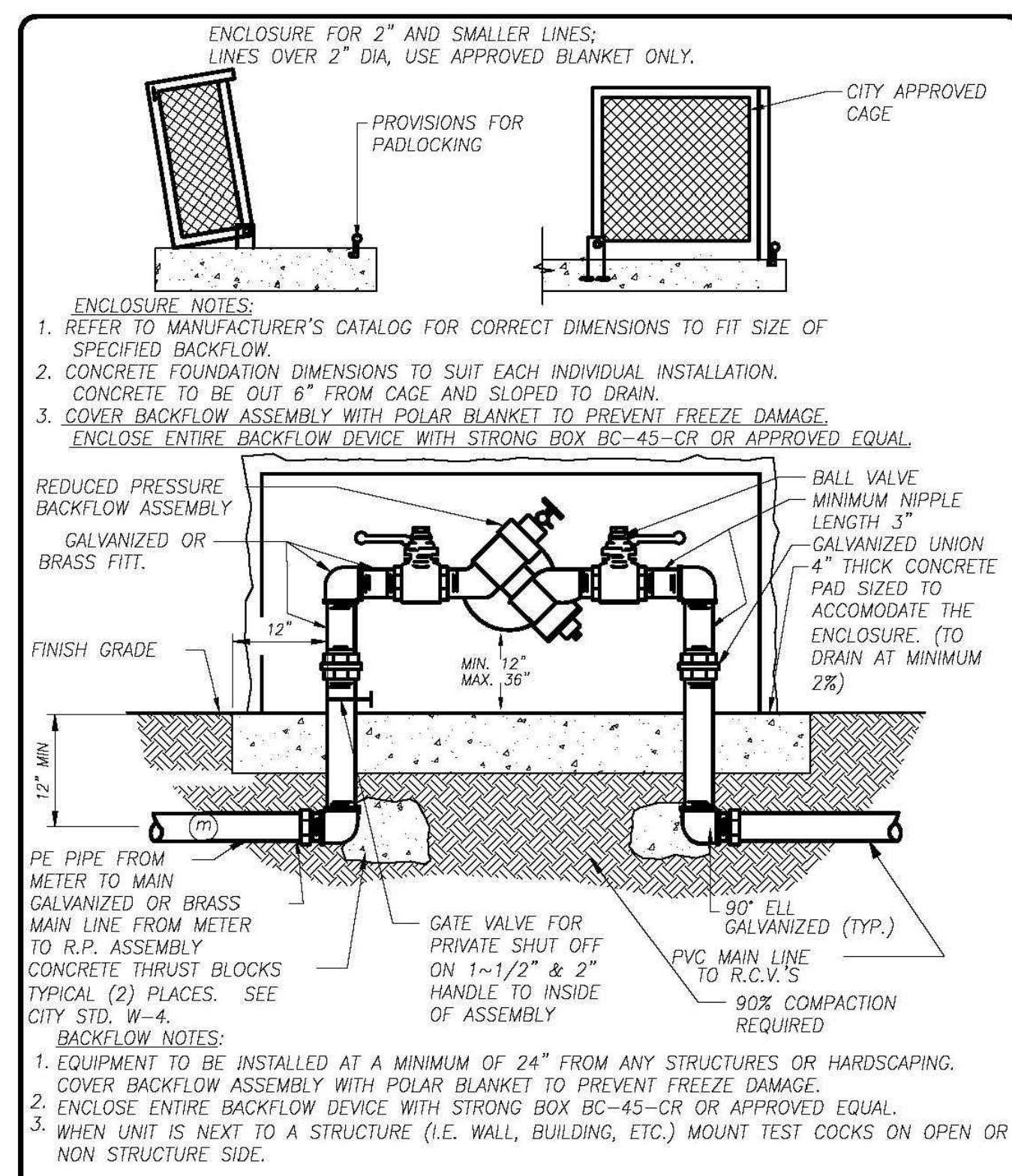
		DRAWN BY: VL CHECK BY: NBS SCALE: NONE	CITY OF TURLOCK APPROVED BY:  CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694	DRAWING NO. L-5 COUNCIL APPROVAL DEC, 2015
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NOTE: 1. FURNISH FITTINGS AND PIPING SIZED THE SAME SIZE AS THE INLET SIZE OF THE QUICK COUPLING VALVE.	
STANDARD QUICK-COUPLING VALVE	
 DRAWN BY: VL CHECK BY: NBB SCALE: NONE	CITY OF TURLOCK  CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52664
DRAWING NO. L-7 COUNCIL APPROVAL DEC, 2015	



				CONTROLLER ASSEMBLY INSTALLATION				DRAWING NO: L-3	
DRAWN BY: JSH		CITY OF TURLOCK		APPROVED BY: 		COUNCIL APPROVAL DEC, 2015			
CHECK BY: NBB		SCALE: NONE		CITY ENGINEER - MICHAEL C. PITCOCK - RCE 52694					





3/4"-2" BACKFLOW PREVENTER ASSEMBLY DETAIL			
	DRAWN BY: VL	CITY OF TURLOCK	DRAWING NO. L-16
	CHECK BY: NBB	APPROVED BY: 	COUNCIL APPROVAL
	SCALE: NONE	CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52684	DEC, 2015

Diagram illustrating the installation of a tree in a tree well, showing the curb & gutter, sidewalk, and various components like stakes, ribbons, and a tree guard.

NOTES:

- TREE SHALL BE PLANTED INSIDE "DEEP ROOT PLANTER" AND BACK-FILLED WITH SUITABLE MATERIAL.
- TREE SHALL BE DOUBLE-STAKED. STAKES SHALL BE PLACED INSIDE BOX.
- TREE TO BE PLANTED CENTERED IN PARK STRIPS, W/IN TREE PLANTING EASEMENTS AND SUFFICIENTLY BEHIND SIDEWALK TO ELIMINATE DAMAGE TO THE SIDEWALK AND/OR TREE.
- STREET TREE LOCATIONS TO BE CONFIRMED DURING CONSTRUCTION OF OFF-SITE IMPROVEMENTS.
- PLANT TREES 20 FEET FROM CURB RETURNS AND STREET LIGHTS, 5 FEET FROM SEWER LINES, 5 FEET FROM DRIVE APPROACH OPENINGS, AND OUT OF 15 FEET CLEAR VISION TRIANGLE FOR DRIVE APPROACH. TREES ARE TO BE SPACED 30' TO 60' APART DEPENDING ON TREE SPACING.
- ALL STREET TREES WITHIN 10' OF ANY CURB OR SIDEWALK SHALL HAVE A DEEP ROOT BOX OR PANELS INSTALLED.
- DEEP ROOT PLANTER BOXES CAN BE SUBSTITUTED WITH A MINIMUM OF (4) 18"x24" PLANTER PANELS AS PER MANUFACTURER'S SPECIFICATIONS.

DEEP ROOT PLANTER DETAIL

COMMERCIAL/RESIDENTIAL STREET TREE IN TREE WELL

	DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO. L-2
	CHECK BY: NBB	APPROVED BY:	COUNCIL APPROVAL DEC, 2015
	SCALE: NONE	CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694	

HORIZONTAL BENDS

VERTICAL BENDS

HYDRANT BURYS

TEES & DEAD-ENDS

THRUST BLOCK SIZE

PIPE DIAMETER (INCHES)	HORIZONTAL BEND		WEIGHT AT VERTICAL BENDS (LBS.)
	SURFACE AREA (S.F.)	THICKNESS (INCHES)	
22" BENDS			
6 OR LESS	2	8	1,700
8	3	12	3,000
10	3.5	12	4,800
12	4	14	6,800
14	5	18	9,000
16	6	18	11,800
45" BENDS			
6 OR LESS	4	12	3,200
8	5	14	5,800
10	6	18	9,000
12	7	18	13,000
14	8	24	17,000
16	11.5	24	23,200
90" BENDS			
6 OR LESS	6	12	6,000
8	8	15	10,700
10	10	18	16,700
12	12	18	24,000
14	18	24	32,600
16	21	24	42,700
TEES & DEAD-ENDS			
6 OR LESS	3	12	---
8	4	15	---
10	6	18	---
12	8.5	18	---
14	11.5	24	---
16	16	24	---

NOTES:

- ALL MECHANICAL FITTINGS AND VALVES SHALL BE WRAPPED IN PLASTIC AND PROTECTED FROM CONCRETE.
- THE CITY ENGINEER WILL CONSIDER REDUCTION OF THRUST BLOCK SURFACE AREA UPON SUBMITTAL OF APPROVED SOIL RESISTANT TEST RESULTS GREATER THAN 2,000 LBS/SQ. FT.
- IF LINES CONFLICT WITH CONC. KICKER, THEN GRIP RINGS ONLY SHALL BE USED. IN OTHER SITUATIONS, GRIP RINGS MAY BE UTILIZED AT THE DISCRETION OF THE CITY ENGINEER.

THRUST BLOCKS

	DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO. W-4
	CHECK BY: NBB	APPROVED BY:	COUNCIL APPROVAL DEC, 2015
	SCALE: NONE	CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694	

1 LINEAR ROOT BARRIER INSTALLATION. INSTALL 10' O.C. CENTERED ON TRUNK

2 SEE TREE PLANTING DETAIL 1, THIS SHEET

3 MULCH. SEE PLANTING NOTES

4 ROOT BARRIER: ROOT INHIBITOR IMPREGNATED NODULES OR FABRIC

5 BACK OF CURB OR WALK

NOTES:

A. ALL TREES WITHIN 10' OF A CURB OR SIDEWALK SHALL HAVE ROOT BARRIERS INSTALLED.

B. INSTALL ROOT BARRIERS PER MANUFACTURER'S RECOMMENDATIONS.

3 ROOT BARRIER DETAIL

NOT TO SCALE

1 CROWN 2" ABOVE GROUND

2 FERTILIZER PLANT TABS: 1 PER 1 GAL, 3 PER 5 GAL

3 BACKFILL MIX (SEE PLANTING NOTES)

4 ROOTBALL

5 SCARIFY BOTTOM OF HOLE

1 SHRUB PLANTING

NOT TO SCALE

1 SHRUBS

2 SHRUBS SHALL BE TRIANGULAR SPACED PER O.C. SPACING ON PLANTING LEGEND AND/OR PLANTING PLAN.

2 SHRUB SPACING

NOT TO SCALE

Westwood
Westwood Professional Services, Inc.
1165 SCENIC DRIVE, SUITE A
MODESTO, CA 95350
T: 209.571.1765
F: 888.937.5150
westwoodps.com

LANDSCAPE IMPROVEMENT PLANS
PLANTING DETAILS

JOHN LAZAR PARK
TURLOCK, CALIFORNIA


DATE:	07/25/2025
DRAFTER:	YC/TL
DESIGNER:	TL/JG
CHECKED:	JG
PROJECT NO.	38421


SHEET NO. L8.0 OF 28


811
Know what's below.
Call before you dig.


Drawing: 022780 city of turlock northeast parkEngnSheets780_ED.1 TITLE SHEET.dwg Plot Date/Time: 7/22/2025 12:35 PM Last Saved by: Claudia.mendez


GENERAL ELECTRICAL LEGEND


 CONCRETE PULL BOX –SIZE AS NOTED – LIDS AS NOTED ‘P’ POWER, ‘S’ SIGNAL, ‘F’ FIRE ALARM & ‘D’ DATA; ‘-I’ DENOTES TRAFFIC LID


 CONDUIT –SURFACE MOUNTED OR ABOVE CEILING –EMT WITH COMPRESSION FITTING UNLESS NOTED ON PLANS


 CONDUIT –CONCEALED BELOW FLOOR IN EMT OR UNDERGROUND IN PVC SCH 40 WITH IMC ELBOWS


 HOMERUN TO PERSPECTIVE PANEL OR CABINET –BRANCH CIRCUIT WITH OUT FURTHER DESIGNATION IS A #12 WIRE CIRCUIT


 FLEX


 TERMINAL CABINET


 PANEL BOARD –SEE SCHEDULE


 MOTOR/EXHAUST FAN –N.I.E.S. –CONNECT AS REQUIRED

 DUPLEX RECEPTACLE +15” A.F.F. FROM BOTTOM OF BOX U.O.N.

 GFCI DUPLEX RECEPTACLE +15” A.F.F. FROM BOTTOM OF BOX U.O.N.


 JUNCTION BOX –4 11/16” x 2 1/8” SQUARE OR SMALL

 FUSED DISCONNECT SWITCH –SIZE AS NOTED –30A. SHOWN

 FULL VOLTAGE STARTER –SIZE AS NOTED –SIZE 3 SHOWN



SEE FIXTURE SCHEDULE FOR EXACT CALL OUT & DESCRIPTION

 FIXTURE IDENTIFICATION –LETTER INDICATES FIXTURE TYPE –NUMERAL INDICATES LAMP QUANTITY AND WATTAGE

A\$3 SINGLE POLE TOGGLE SWITCH +48”

A\$3 TWO POLE TOGGLE SWITCH +48”

A\$3 THREE POLE TOGGLE SWITCH +48”

A\$3 FOUR POLE TOGGLE SWITCH +48”

SWITCHING SUBSCRIPTS

a DEVICE CONTROLLED

k KEY

p PILOT

M OCCUPANCY SENSOR

ELECTRICAL COMPLIANCE NOTES

THE INTENT OF THE DRAWINGS AND SPECIFICATION IS TO CONSTRUCT THE PROPOSED BUILDING IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE FOLLOWING CODES AND REGULATIONS AS APPLICABLE:

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)
PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)
2022 CALIFORNIA BUILDING CODE (CBC)
PART 2, TITLE 24, CCR
BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC)
2022 CALIFORNIA ELECTRICAL CODE (CEC)
PART 3, TITLE 24, CCR
BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC)
2022 CALIFORNIA MECHANICAL CODE (CMC)
PART 4, TITLE 24, CCR
BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC)
2022 CALIFORNIA PLUMBING CODE (CPC)
PART 5, TITLE 24, CCR
BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)
2022 CALIFORNIA FIRE CODE (CFC)
PART 9, TITLE 24, CCR
BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)
2022 NFPA 72, NATIONAL FIRE ALARM & SIGNALING CODE
w/ CALIFORNIA AMENDMENTS.

UNLESS OTHERWISE STATED, IT IS INTENDED THAT THE ABOVE CODES AND REGULATIONS REFER TO THE LATEST EDITION OR REVISION IN EFFECT ON THE DATE OF THE CONTRACT. NOTHING ON THE DRAWING IS TO BE CONSTRUED AS REQUIRING OR PERMITTING WORK THAT IS CONTRARY TO THE ABOVE LISTED CODES AND REGULATIONS, OR OTHER LOCAL, STATE OR FEDERAL CODES OR REGULATIONS WHICH MAY BE APPLICABLE.

GENERAL ELECTRICAL NOTES

1. PROVIDE ALL LABOR, MATERIALS, TOOLS, PLANT EQUIPMENT, TRANSPORTATION AND ALL PERFORM ALL OPERATIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF ALL ELECTRICAL WORK REQUIRED FOR THE COMPLETE AND OPERATING SYSTEMS AS OUTLINED WITHIN THE SCOPE OF WORK.
2. UNDERWRITERS LABORATORIES, INC., SHALL MEET THEIR REQUIREMENTS AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED AND LABEL SERVICE IS REGULARLY FURNISHED BY THAT AGENCY.
3. THE SIZE AND LOCATIONS OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE, CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION AT THE SITE.
4. CONDUCTORS SHALL BE COPPER CONDUCTORS TYPE AS NOTED ON CONSTRUCTION DOCUMENTS.
5. ALL ELECTRICAL WORK SHALL CONFORM WITH THE 2019 CALIF. ELECTRICAL CODE CALIFORNIA TITLE 17, 19 & 24 ALONG WITH N.F.P.A. STANDARDS AND THE STATE FIRE MARSHAL’S REQUIREMENTS.
6. ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF STATE & GOVERNING LOCAL FIRE CODES AND BUILDING CODES.
7. WHERE EXISTING CONSTRUCTION IS CUT, DAMAGED, OR REMODELED, PATCH WITH MATERIALS TO MATCH IN KIND, QUALITY, AND PERFORMANCE.
8. CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.
9. CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION.
10. OPERATED DEVICES SUCH AS, BUT NOT LIMITED TO, TELE/DATA OUTLETS, RECEPTACLE OUTLETS AND LIGHT SWITCHES INSTALLED IN AREAS NOT RESTRICTED TO AUTHORIZED MAINTENANCE PERSONAL SHALL BE MOUNTED AT A MINIMUM OF +15” AFF., AS MEASURED FROM THE BOTTOM OF THE DEVICE OUTLET BOX, AND MAXIMUM OF +48” AFF., AS MEASURED FROM THE TOP OF THE DEVICE OUTLET BOX.
11. ALL CHANGE ORDER PROPOSALS AND CHANGE ORDERS, BOTH ADDITIVE AND DEDUCTIVE, SHALL BE BASED UPON AND BE ACCOMPANIED BY A DETAILED MATERIALS AND LABOR BREAKDOWN FOR EACH SPECIFIC TASK AND/OR ITEM. THE BREAKDOWN SHALL INCLUDE ACTUAL MATERIALS COSTS PLUS OVERHEAD AND PROFIT, AS WELL AS LABOR UNITS BASE UPON THE MOST RECENT NECA MANUAL OF LABOR UNITS (NECA INDEX #4090) OR EQUIVALENT PUBLICATION FOR EACH SPECIFIC TASK AND ITEM. LABOR COSTS SHALL BE COMPUTED AS OUTLINED WITHIN THE GENERAL CONDITIONS, BASED UPON THE NECA LABOR TABLES FOR EACH TASK REQUIRED. MATERIALS COSTS SHALL INCLUDE ACTUAL CONTRACTOR INVOICE PLUS NO MORE THAN 15% MARKUP. THE OWNER AND CONTRACTOR AGREE TO THE ABOVE CHANGE ORDER COST PROCEDURE, FOR BOTH ADDITIVE AND DEDUCTIVE CHANGE ORDERS.
12. ALL PERSONNEL WORKING WITH ENERGIZED EQUIPMENT WITHIN THE RESTRICTED ZONE PER NFPA-70E SHALL COMPLY WITH ALL NFPA-70E AND OSHA REQUIREMENTS AND BE ARC FLASH SAFETY CERTIFIED.

ELECTRICAL ABBREVIATIONS

Δ	DELTA CONNECTED	CATV	CABLE TELEVISION	ENCL	ENCLOSURE	IDF	INTERMEDIATE DISTRIBUTION FRAME	MIN	MINIMUM	PS	PRESSURE SWITCH	TH	THERMOSTAT
Y	WYE CONNECTED	CKT	CIRCUIT	EP	EXPLOSION PROOF	INCAN	INCANDESCENT	MPOE	MAIN POINT OF ENTRY	PWR	POWER	TRANSF	TRANSFORMER
Ø	PHASE	CLG	CEILING	EQUIP	EQUIPMENT	IDC	INITIATING DEVICE CIRCUIT	MSB	MAIN SWITCHBOARD			TYP	TYPICAL
&	AND	CO	CONDUIT ONLY	ETC	ET CETERA	IN	INCHES	N	NEUTRAL	(R)	REMOVE(D)	TSP	TWISTED SHIELDED PAIR
⊙	AT	COMM	COMMUNICATION	EVAP	EVAPORATOR	INST	INSTANTANEOUS	(N)	NEW	RA	REMOTE ANNUNCIATOR	THRU	THROUGH
’	FEET	CONC	CONCRETE	(F)	FUTURE	J	JUNCTION BOX	NA	NON–AUTOMATIC	RD	ROAD	UG	UNDERGROUND
”	INCHES	CONN	CONNECT	FA	FIRE ALARM	KV	KILOVOLTS	NAC	NOTIFICATION APPLIANCE CIRCUIT	REQD	REQUIRED	UNO	UNLESS NOTED OTHERWISE
A	AMPERES	COORD	COORDINATION OR CONTINUED	FACP	FIRE ALARM CONTROL PANEL	KVA	KILOVOLT AMPERES	NC	NORMALLY CLOSED	RGP	REDUNDANT GROUND PATH	V	VOLTS
AC	ALTERNATING CURRENT	CR	CONTROL RELAY	FAT	FIRE ALARM TERMINAL CABINET	KW	KILOWATTS	NIES	NOT IN ELECTRICAL SECTION	RM	ROOM	VA	VOLT AMPS
ACT	ABOVE COUNTERTOP/BACKSPLASH	CT	CURRENT TRANSFORMER	FIXT	FIXTURE	L	LINE	NIC	NOT IN ELECTRICAL CODE	RECP	RECEPTACLE	VFD	VARIABLE FREQUENCY DRIVE
ADJ	ADJACENT, ADJOINING	COMP	COMPRESSOR	FLA	FULL LOAD AMPS	LF	ELBOW	NO., #	NUMBER	RT	RAIN TIGHT	VM	VOLT METER
AFD	ADJUSTABLE FREQUENCY DRIVE	CU	COPPER	FLEX	FLEXIBLE	LOS	LOCKOUT–STOP	NO	NORMALLY OPEN				
AFF	ABOVE FINISHED FLOOR	DC	DIRECT CURRENT	FLUOR	FLUORESCENT	LOH	LOCK–OFF–HALT	NL	NIGHT LIGHT	SCH	SCHEDULE	W	WIRE
AL	ALUMINUM	DET	DETAIL	FS	FLOW SWITCH	LV	LOW VOLTAGE	OC	ON CENTER	SEC	SECONDS, SECONDARY	W/	WITH
APPROX	APPROXIMATE	DISC	DISCONNECT	FOR	FORWARD–OFF–REVERSE	M	MOTOR	OH	OVERHEAD	SHT	SHEET	W/O	WITHOUT
ARCH	ARCHITECT	DIST	DISTRIBUTION	FT	FEET	MAX	MAXIMUM	OL	THERMAL OVERLOAD RELAY	SIG	SIGNAL	WP	WEATHERPROOF
AUTO	AUTOMATIC	DSA	DIVISION OF THE STATE ARCHITECT	GALV	GALVANIZED	MCA	MINIMUM CIRCUIT AMPS	OT	OVER TEMPERATURE	SPECS	SPECIFICATIONS	WHD	WATT HOUR DEMAND METER
AUX	AUXILIARY	DWG	DRAWING	GND	GROUND	MCC	MOTOR CONTROL CENTER	OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT	SW	SWITCH	WM	WATT METER
ALT	ALTERNATE	(E), EXIST	EXISTING	GC	GENERAL CONTRACTOR	MCM	THOUSAND CIRCULAR MILLS	PA	PUBLIC ADDRESS	SP	SPARE	WH	WATER HEATER
AWG	AMERICAN WIRE GAUGE	EC	ELECTRICAL CONTRACTOR	HI	HIGH	MCP	MOTOR CIRCUIT PROTECTOR	PB	PULL BOX	STD	STANDARD	XFMR	TRANSFORMER
B	BARE	EL, ELEV	ELEVATION	HOA	HAND–OFF–AUTO	MDF	MAIN DISTRIBUTION FRAME	PNL	PANEL	STR	STRANDED	(XR)	REMOVE AND RELOCATE(D)
BC	BARE COPPER GROUND	EL	EMERGENCY LIGHT	HOS	HAND–OFF–STANDBY	MECH	MECHANICAL	PH	PHASE	SWBD	SWITCHBOARD		
BKBD	BACKBOARD	ELECT	ELECTRICAL	HV	HIGH VOLTAGE	MFG	MANUFACTURER	PR	PAIR	TELE	TELEPHONE		
BRKR	BREAKER	EMS	ENERGY MANAGEMENT SYSTEM	HVAC	HEATING, VENTILATION, AIR CONDITIONING			PRI	PRIMARY	TEMP	TEMPERATURE		
BLDG	BUILDING	EMT	ELECTRICAL METALLIC TUBING							TOA	TEST OFF AUTOMATIC		
C	CONDUIT OR CONTRACTOR	EOL	END OF LINE										
CAB	CABINET												

LANDSCAPE IMPROVEMENT PLANS
TURLOCK, CALIFORNIA
JOHN LAZAR PARK

GENERAL NOTES AND ABBREVIATIONS

DATE:	07/25/2025
DRAFTER:	CCM
DESIGNER:	KLP/CCM
CHECKED:	KLP
PROJECT NO.	38421



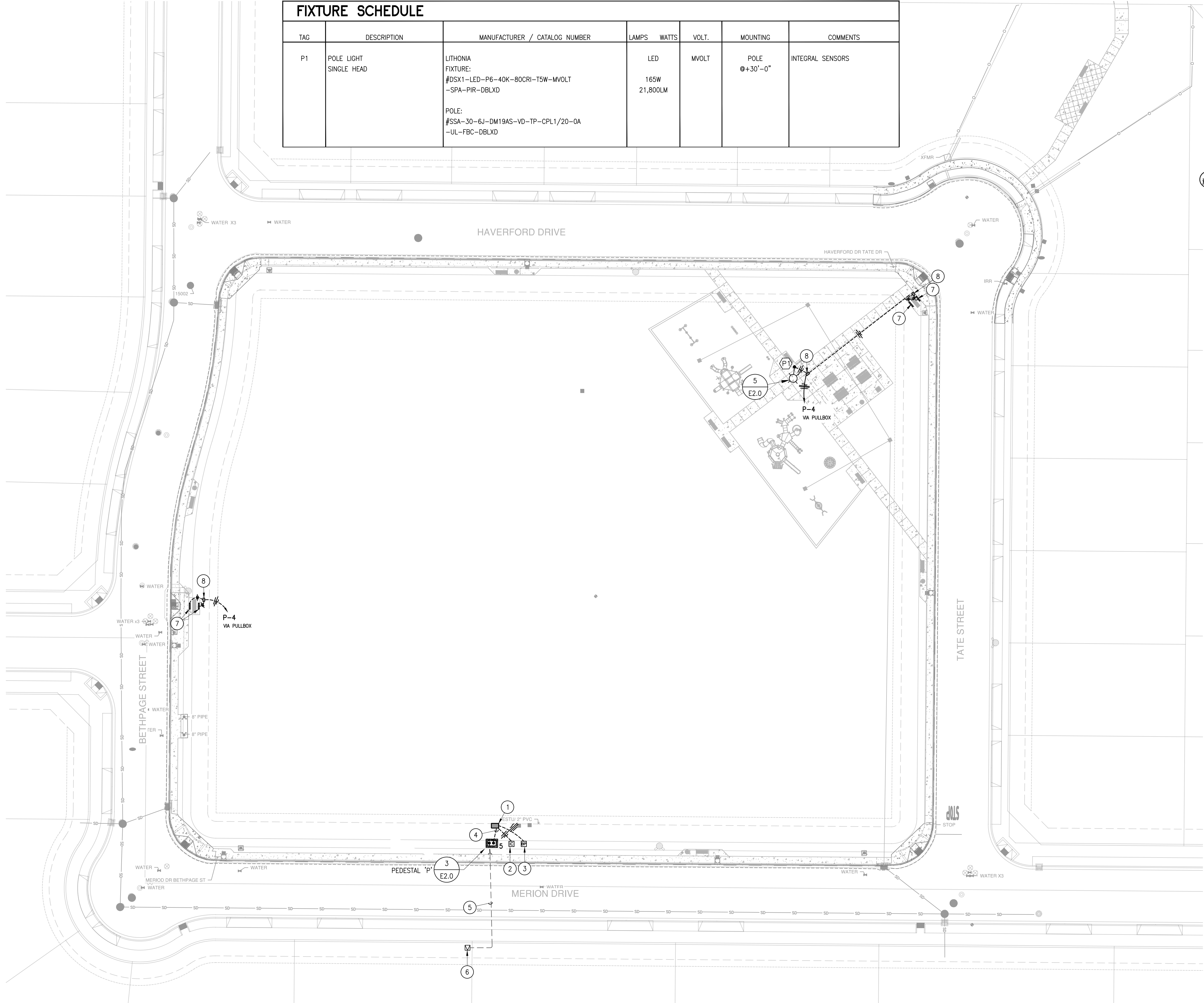
SHEET NO.
EO. 1
OF
28



Know what's below.
Call before you dig.

BID SUBMITTAL

FIXTURE SCHEDULE						
TAG	DESCRIPTION	MANUFACTURER / CATALOG NUMBER	LAMPS	WATTS	VOLT.	MOUNTING
P1	POLE LIGHT SINGLE HEAD	LITHONIA FIXTURE: #DSX1-LED-P6-40K-80CRI-T5W-MVOLT -SPA-PIR-DBLXD POLE: #SSA-30-6J-DM19AS-VD-TP-CPL1/20-0A -UL-FBC-DBLXD	LED	165W 21,800LM	MVOLT	POLE @+30'-0"
			INTEGRAL SENSORS			



PLAN NOTES:

- (N) N30 PULLBOX -INSTALL PER DETAIL 1/E2.0.
- (N) IRRIGATION CONTROLLER (120V, 50VA) -COORDINATE 120V CIRCUIT TO UNIT W/LANDSCAPING -INSTALL (N) 3/4"C BETWEEN CONTROLLER & BOOSTER PUMP.
- (N) BOOSTER PUMP (240V, 10HP) -COORDINATE 240V CKT TO UNIT W/LANDSCAPING -PROVIDE DISCONNECT IF NOT INTEGRAL TO UNIT. -ROUTE (N) 1"C w/2 #4 THWN CU & #8 CU GND. TO PEDESTAL.
- (N) 2 -1 1/2" C W/SITE BRANCH CIRCUIT WIRING & PULL-STRINGS BETWEEN PULLBOX & PEDESTAL.
- (E) 3"C INTERCEPT AND EXTEND TO NEW LOCATION SHOWN.
- (E) CONDUIT STUBBED INTO (E) TID XFMR PAD
- (N) BEGA #7791B-K4 ON BOTH SIDES OF THE SIGN. -LOCATE AT 18" AWAY & INSTALL MANUFACTURER INSTRUCTIONS.
- (N) N16 PULLBOX. -INSTALL PER DETAIL 1/E2.0.

1 SITE PLAN - ELECTRICAL
SCALE: 1"=30'-0"

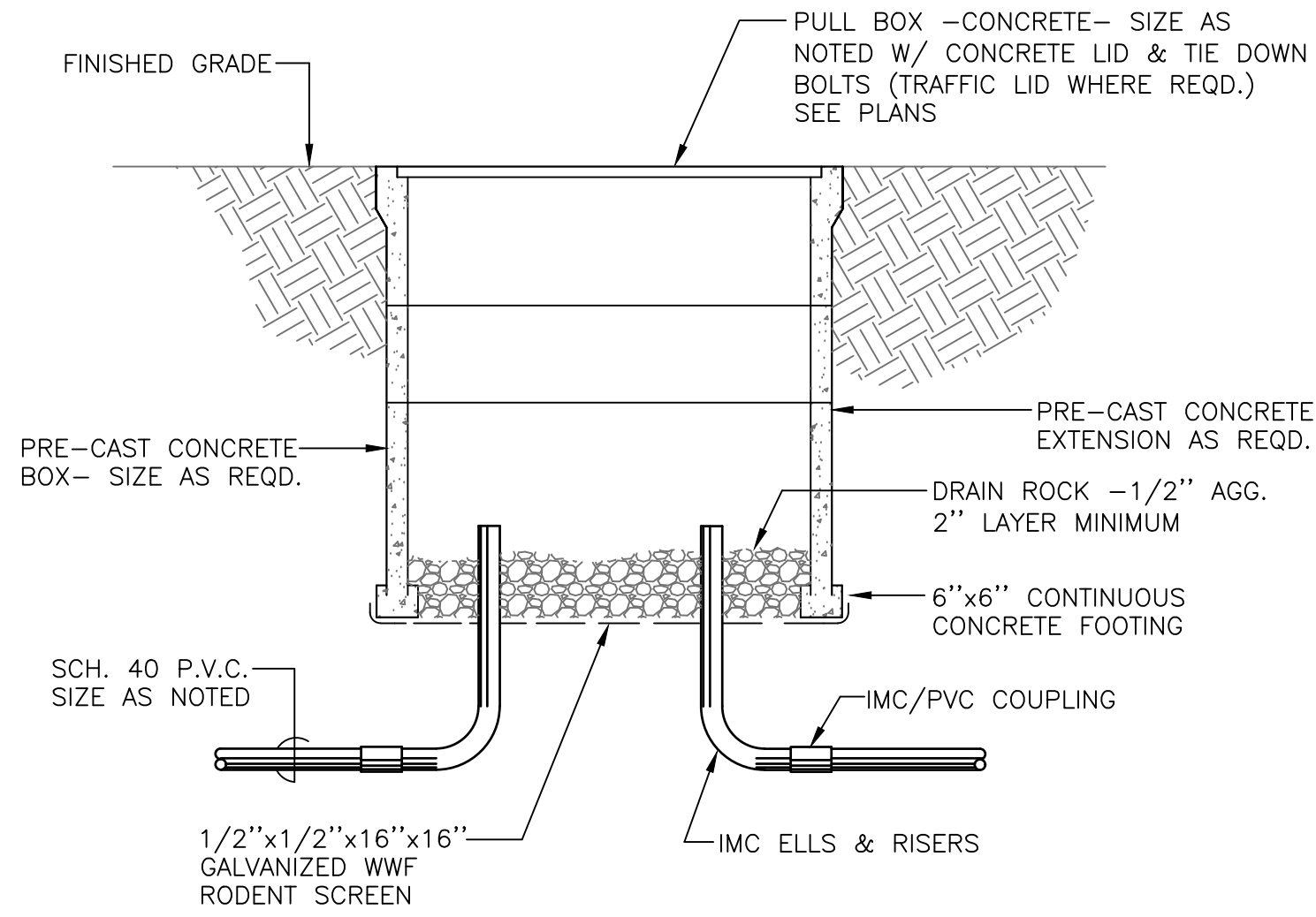
BID SUBMITTAL



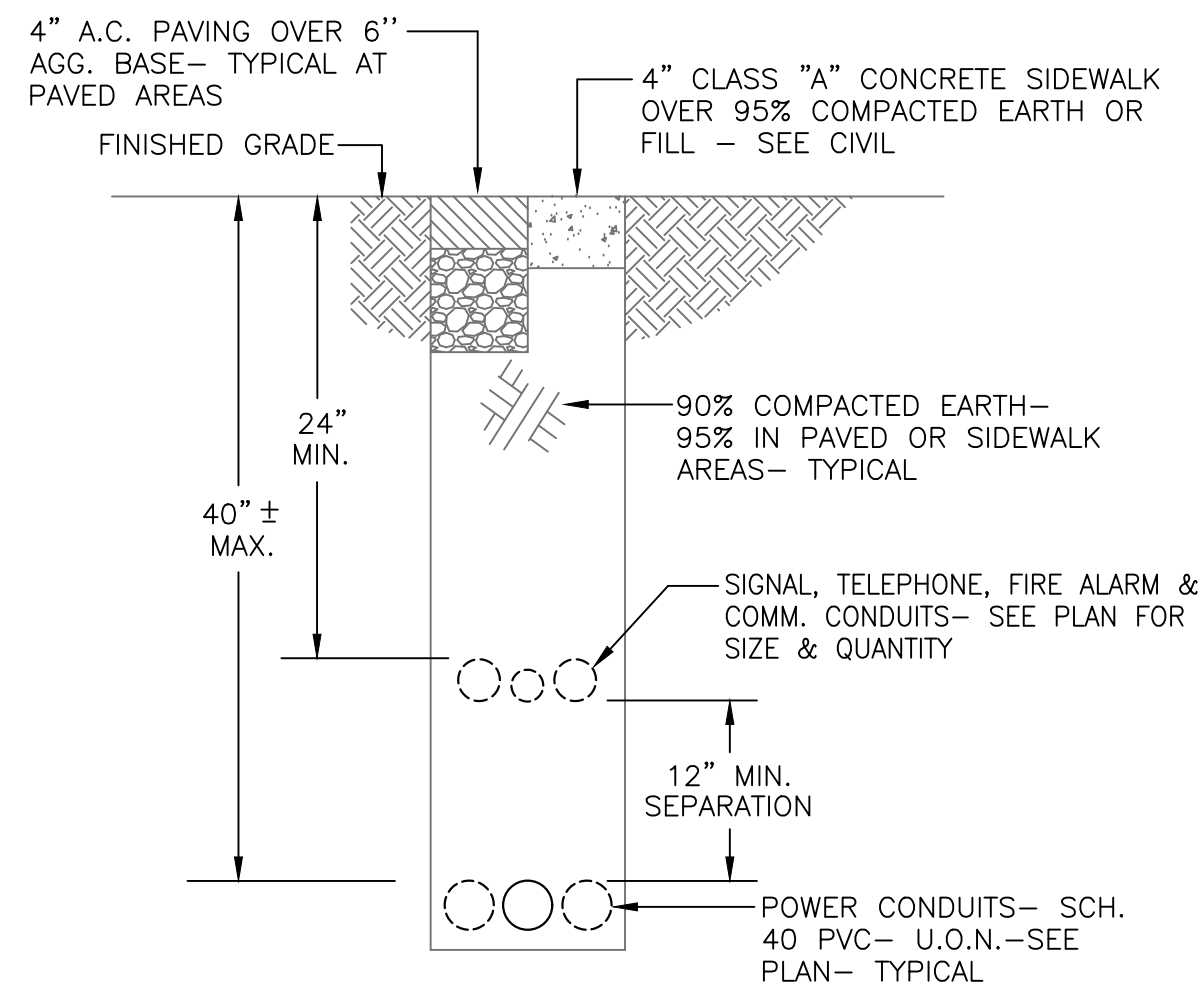
DATE:	07/25/2025
DRAFTER:	CCM
DESIGNER:	KLP/CCM
CHECKED:	KLP
PROJECT NO.	38421



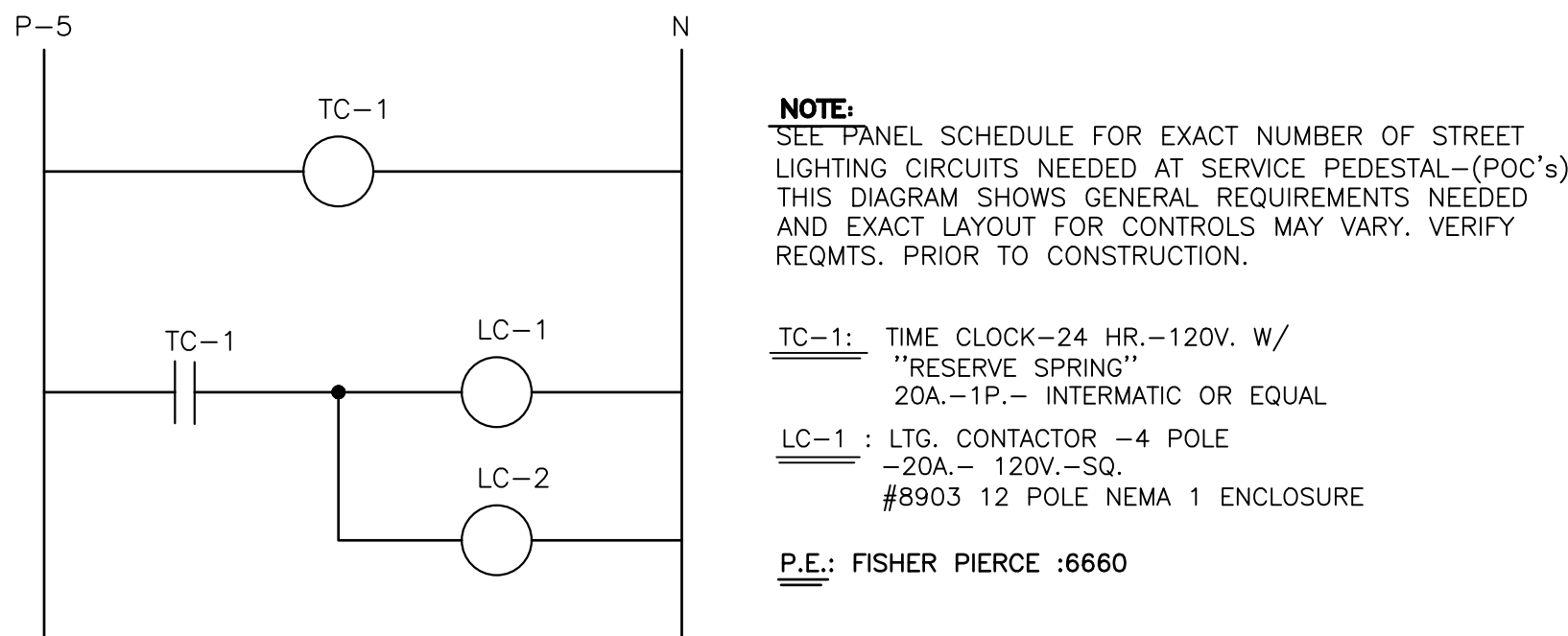
SHEET NO.	E1.0
OF	28



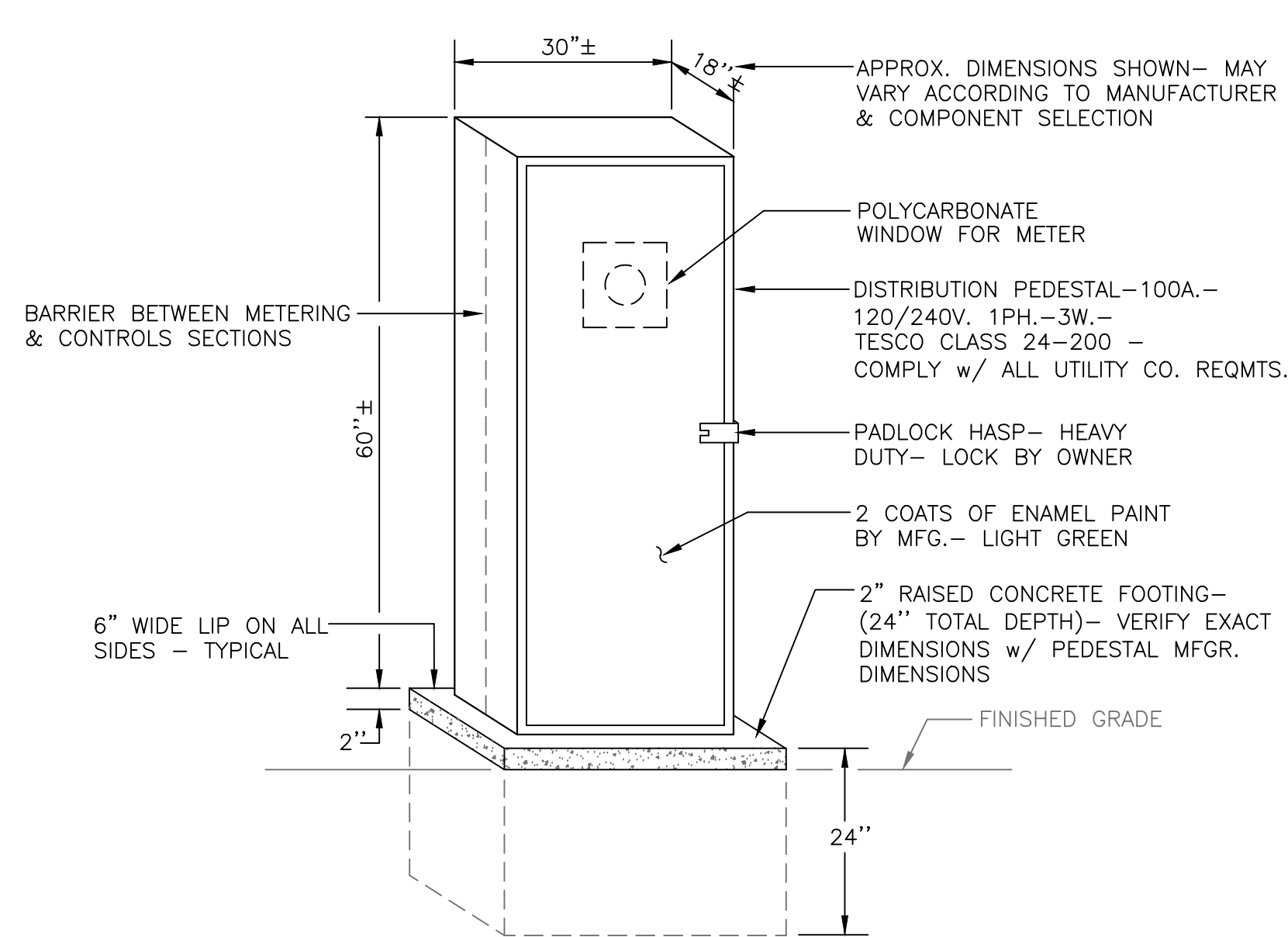
1 PULL BOX (TYP.)
SCALE: N.T.S.



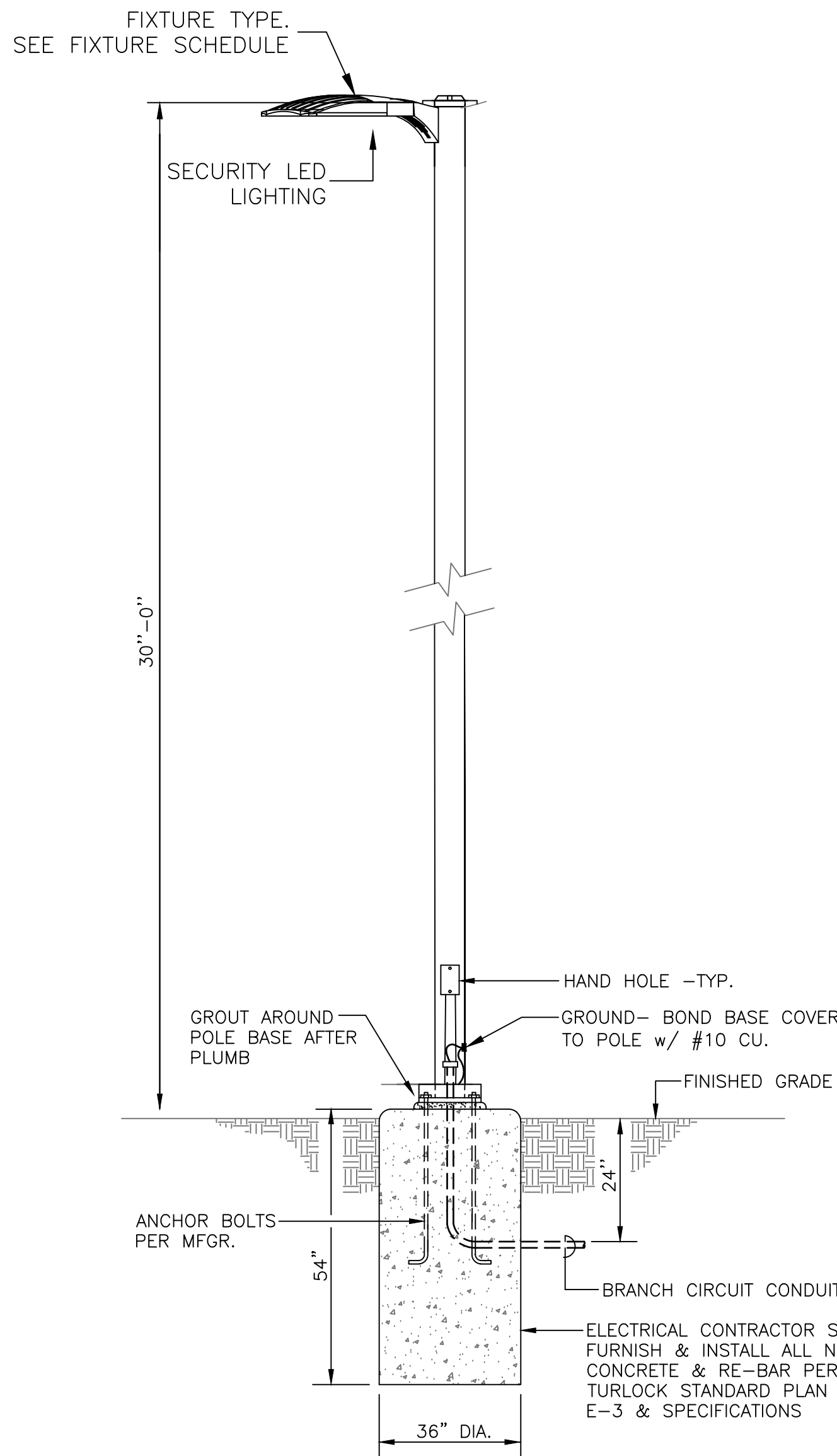
2 ELECTRICAL TRENCH SECTION (TYP.)
SCALE: N.T.S.



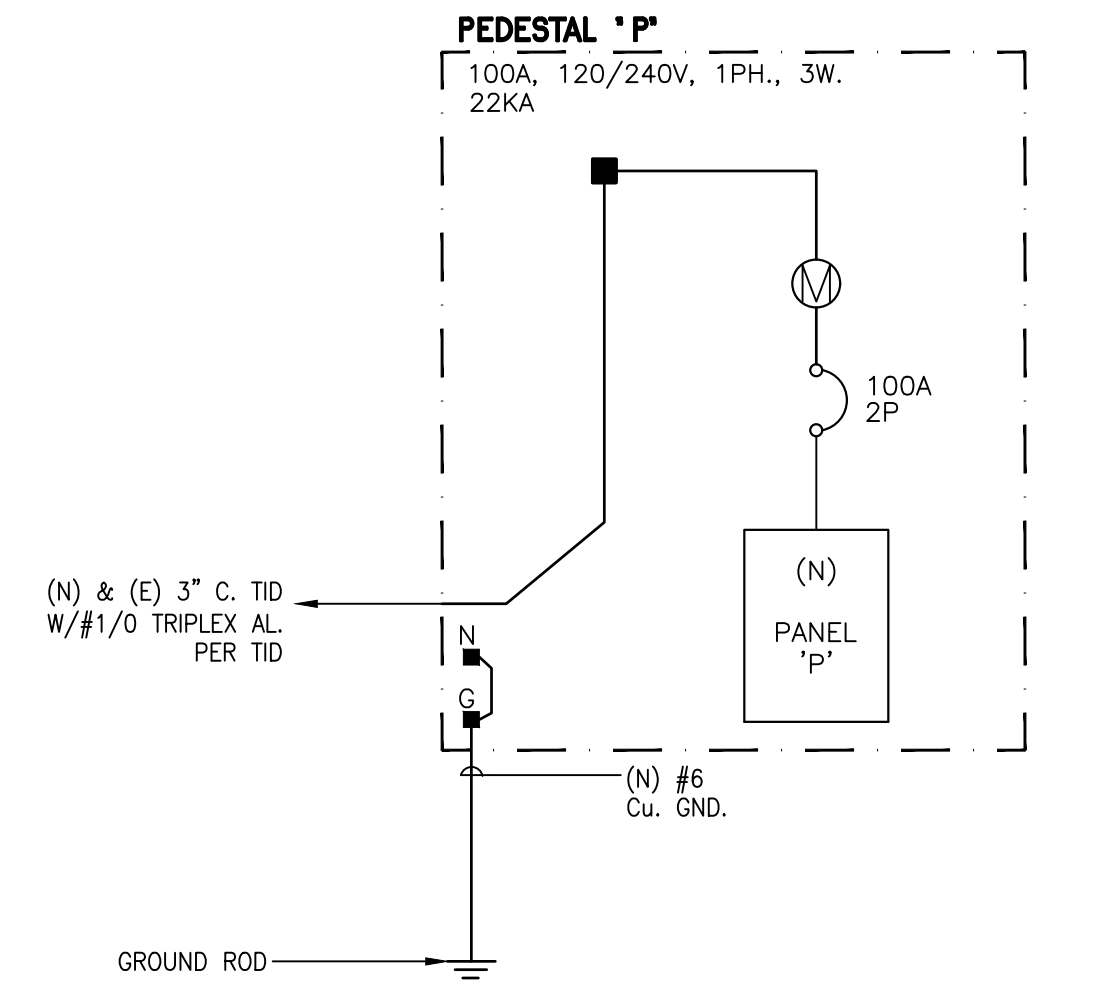
3 LIGHTING CONTROL DIAGRAM
SCALE: NTS



4 SERVICE PEDESTAL
SCALE: NTS



5 LIGHT STANDARD & BASE (TYP.)
SCALE: NTS



SERVICE PEDESTAL SINGLE LINE DIAGRAM

PEDESTAL SCHEDULE											
PANEL: P											
BUS RATING: 100 A.			PHASE: 1Ø			SCCR: 22k			BUSSING: Cu		
VOLTAGE: 120/240 V.			WIRE: 3								
CKT	DESCRIPTION	BRKR	TYPE	LOAD	A (va)	B (va)	LOAD	TYPE	BRKR	DESCRIPTION	CKT
1	RECEP. PEDESTAL	20/1	R	180	180				20/1	SPARE	2
3	SPARE	20/1				0			20/1	SPARE	4
5	IRRIGATION CONTROL	20/1	C	100	6100		6000	M1	70/	BOOSTER PUMP	6
7	SPARE	20/1				6000	6000	M1	/2		8
9	SPARE	20/1			0				20/1	SPARE	10
11						0					12
13					0		6000				14
CONTINUOUS (C):				125 VA	MCB: 100/2		MAX. PHASE Ø125% = 65.4 A.				
NON-CONTINUOUS (N):				0 VA	MLO: -		DEMAND TOTAL = 15.3 kVA				
RECEP. (R):				180 VA			= 63.8 A.				
MOTOR (M) OR (M1):				15000 VA			Ø125% = 79.7 A.				
LIGHTING (L):				0 VA							
KITCHEN >1750W (K):				0 VA			DEMAND CALC. PER ART 220				