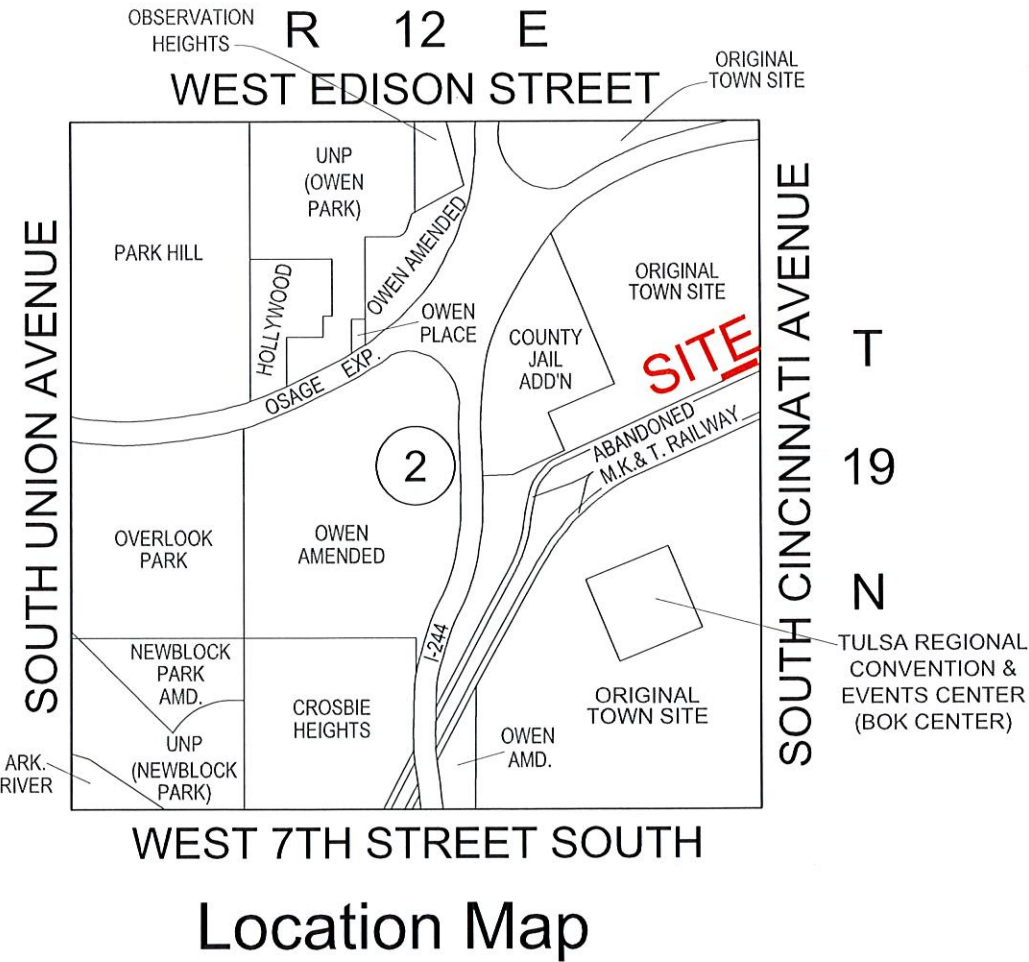


CONSTRUCTION PLANS FOR
LEGACY PARK
IMPROVEMENTS
LOT 3 & 4, BLOCK 40, TULSA, OK 74132
PROJECT NO. PR 25-6-R
TIA13TIF11. DEVELOPER.P14.DEVAG
CITY OF TULSA, OKLAHOMA
DEPARTMENT OF CITY EXPERIENCE

INDEX OF SHEETS			
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3	OVERALL SITE PLAN	SP	1
4	WEST-SIDE LAYOUT PLAN	L	1
5	EAST-SIDE LAYOUT	L	2
6	WEST-SIDE DIMENSION PLAN	L	3
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10	WEST-SIDE GRADING PLAN	GR	1
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17	WEST-SIDE LANDSCAPE PLANS	LS	1
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20	WEST-SIDE IRRIGATION PLAN	IRR	1
21	EAST-SIDE IRRIGATION PLAN	IRR	2
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UTILITY COORDINATION		
	NUMBER	NOTIFIED
CITY DESIGN STUDIO	918-596-9512	
WATER DESIGN	918-596-9566	
WASTEWATER DESIGN	918-596-9564	
TRANSPORTATION DESIGN	918-596-9636	
TRAFFIC ENGINEERING DESIGN	918-596-9749	
STORMWATER DESIGN	918-596-9498	
OKLAHOMA NATURAL GAS CO.	918-831-8293	
COX COMMUNICATIONS	918-286-4666	
PUBLIC SERVICE CO. / AEP	918-599-2233	
AT&T	918-576-2142	
BUILDING MAINTENANCE & OPERATIONS	918-576-9389	

CLIENT

CITY OF
TULSA
CITY EXPERIENCE

DOWNTOWN TULSA
PARTNERSHIP

DOWNTOWN TULSA PARTNERSHIP
321 S. BOSTON AVE, SUITE 104
TULSA, OK 74103
918-221-8615
www.downtowntulsa.com

LANDSCAPE ARCHITECT

PDG
PLANNING DESIGN GROUP

PLANNING DESIGN GROUP
5314 S. YALE AVENUE, SUITE 510
TULSA, OK 74105
918-628-1255
www.planningdesigngroup.com

APPROVED BY

DIRECTOR OF PARKS AND RECREATION
1/30/26
DATE

SUMMARY OF PAY ITEMS

BASE BID PAY ITEMS					
BID ITEM	SPEC NO.	DESCRIPTION	PAY NOTE	UNIT	QTY
1	COT-303&304	General Conditions/ Mobilization	4,5,6,7	EA	1
2	OA-1	Owner/Construction Allowance	1	ALLOW	21,500
3	02070	Demolition	8	LS	1
4	220	Erosion Control	9,10,11,12	LS	1
5	02220	Earthwork-Excavation/Compaction/Grading	13,14	LS	1
6		Relocation of Existing Monument	15	LS	1
7	03300	Typical 4" Concrete Sidewalk	16	SF	3,325
8	02790	Artificial Turf (Flat)	17	SF	4,991
9		Decomposed Granite	18	SF	3,456
10		6' Ht. Horizontal Wood Fence	19	LF	39
11		4' Ht. Horizontal Wood Fence	19	LF	112
12		6' Ht. WireWorks Plus Fence and Gate	20	LF	308
13		4' Ht. WireWorks Plus Fence and Gate	20	LF	308
14		Electronic Gate Hardware	21	EA	3
15	03300	1' W. Concrete Band	22	LF	530
16	03300	6" W. Concrete Band	23	LF	195
17		Dog Water Station (Large Dog Area)	24,25	EA	1
18		Dog Waste Station	26	EA	2
19		2' W. Stone Seats	27	EA	6
20	02900	Evergreen Screening Trees	30	EA	12
21	02900	Landscape Beds	31	LS	1
22	02810	Irrigation System	29	LS	1

ADD ALTERNATE ITEMS					
BID ITEM	SPEC NO.	DESCRIPTION	PAY NOTE	UNIT	QTY
A-1		6' Ht (6x4) Vertical Graphic Panel	28	LF	36
A-2		4' Ht (4x8) Horizontal Graphic Panel	28	LF	40
A-3		Dog Water Station (Small Dog Area)	24,25	EA	1

PAY ITEM NOTES

GENERAL PAY ITEM NOTES:

- A. UNIT PRICING FOR EACH PAY ITEM SHALL INCLUDE ALL COSTS INCLUDING FABRICATION, DELIVERY, STORAGE, HANDLING, TOOLS, EQUIPMENT, AND LABOR OF ALL REQUIRED MATERIALS AND HARDWARE FOR A COMPLETE FINISHED INSTALLATION OF THE SPECIFIED SYSTEM. PAY ITEMS INCLUDE WARRANTIES AND SUBMITTALS. MOCK-UPS SHALL BE PROVIDED AS SPECIFIED. INCLUDES COORDINATION WITH ADJACENT WORK.
- B. QUANTITIES NOTED TO NOT INCLUDE EXTRA MATERIALS TO ACCOUNT FOR CONSTRUCTION WASTE OR DEFECTS. UNIT PRICING FOR EACH ITEM SHALL INCLUDE OVERAGES FOR WASTE WHERE NEEDED.
- C. PAY ITEM NOTES PROVIDE A BRIEF SUMMARY OF WORK INCLUDED. REFERENCE PROJECT SPECIFICATION, DRAWINGS, AND DETAILS FOR SPECIFIC REQUIREMENTS.
- PAY ITEM NOTES:
1. OWNER'S ALLOWANCE: ALLOWANCE INCLUDED FOR UNFORSEEN CONDITIONS REQUIRING ADDITIONAL WORK NOT DEFINED IN THE CONTRACT DOCUMENTS ONLY AT THE DISCRETION OF THE OWNER, IN STRICT ACCORDANCE WITH CITY OF TULSA SPECIFICATIONS.
2. GENERAL CONDITIONS: INCLUDES, BUT IS NOT LIMITED TO JOB TRAILER, TEMPORARY FACILITIES AND CONTROLS, MAINTENANCE AND FINAL CLEANING, SANITARY FACILITIES, DUMPSTERS, EQUIPMENT, GENERAL CONTRACTOR SALARIES, SUBMITTAL PROCESSING, TEMPORARY UTILITIES, STORAGE CONTAINERS, ALL BONDS AND INSURANCE REQUIRED BY CONTRACT, AND OTHER ITEMS OR SERVICES REQUIRED UNDER DIVISION 1 IN THE PROJECT MANUAL AND BY CONTRACT WITH THE CITY OF TULSA. INCLUDES ALL REQUIRED SUPPLIES AND TRANSPORTATION COSTS REQUIRED FOR SUPPORT OF PROJECT ADMINISTRATION. TRADE PERMITS PAID FOR BY GENERAL CONTRACTOR, BUILDING PERMIT TO BE PAID FOR BY OWNER.
- 3.INCLUDES ALL CONTRACTOR'S COSTS ASSOCIATED WITH CONTRACTOR'S MOBILIZATION AND DEMOBILIZATION ON SITE.
- 4.THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL HORIZONTAL AND VERTICAL CONSTRUCTION STAKING. CONTRACTOR SHALL PRESERVE SURVEY STAKES AND BENCH MARKS AND RESET IF DAMAGED LOST OR REMOVED. ALL WORK BY A LICENSED SURVEYOR. CERTIFICATE OF ASSURANCE MUST BE PROVIDED ONCE STAKING IS ESTABLISHED.
- 5.UNIT PRICE SHALL INCLUDE ALL COSTS TO ASSEMBLE, INSTALL, AND MAINTAIN CITY OF TULSA CONSTRUCTION SIGN AS SHOWN IN COT STANDARD DETAIL NO 102. INSTALL SIGN PRIOR TO ANY CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL REMOVE SIGN UPON COMPLETION OF THE PROJECT.
- 6.PROVIDE AND MAINTAIN FOR THE DURATION OF CONSTRUCTION A TEMPORARY CHAIN LINK FENCE BARRICADE TO PREVENT ENTRY ONTO THE WORK BY THE PUBLIC.
- 7.UNIT BID INCLUDES COMPLETION OF CONSTRUCTION

ENTRANCE, MAINTENANCE, AND REMOVAL PER CITY OF TULSA.

8. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR, AND MATERIALS TO COMPLETE THE DEMOLITION AND REMOVAL OF ALL ITEMS INDICATED ON THE DEMOLITION SHEET AND SPECIFICATIONS. ALL DEMOLISHED ITEMS THAT ARE NOT NOTED TO BE RETURNED TO THE CITY ARE TO BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF IN A MANNER THAT FOLLOWS ALL APPLICABLE CITY STANDARDS AND CODES.
- 9.SILT FENCE QUANTITY IS ESTIMATED AT 402 LF FOR THE BASE BID AND WILL BE PLACED AS DIRECTED BY THE LANDSCAPE ARCHITECT. ALL SILT FENCE SHALL BE REMOVED BY THE CONTRACTOR AT THE TIME SPECIFIED BY THE LANDSCAPE ARCHITECT. NO EARTHWORK SHALL TAKE PLACE PRIOR TO THE INSTALLATION OF ALL EROSION CONTROL DEVICES.
10. UNIT PRICE BID SHALL BE FULL COMPENSATION FOR FURNISHING ALL MATERIALS, EQUIPMENT, LABOR & INCIDENTALS FOR INSTALLATION, MAINTENANCE AND REMOVAL OF SILT FENCE ALONG WITH THE DRESSING OF THE DISTURBED AREAS AFTER REMOVAL HAS TAKEN PLACE, DISPOSAL OF EXCESS SILT AND SOIL MATERIAL IN SILT FENCE LOCATIONS SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE ITEM.
- 11.INCLUDES COST OF TEMPORARY SEDIMENT REMOVAL IN ACCORDANCE WITH COT STD 126 OF THE STANDARD SPECIFICATIONS.
12. UNIT PRICE BID INCLUDES ALL REQUIREMENTS IN THE TEMPORARY FACILITIES AND CONTROLS SPECIFICATIONS. INCLUDES THE COST FOR SWPPP DOCUMENTATION AND MANAGEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL ENVIRONMENTAL PROTECTION AGENCY (EPA) AND OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) REQUIREMENTS FOR STORM WATER MANAGEMENT FOR THIS PROJECT. ALL COST TO BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM. THE CONTRACTOR SHALL PROVIDE A STORMWATER POLLUTION PREVENTION REPORT. EROSION CONTROL MEASURES HAVE BEEN INCLUDED IN THE GRADING PLANS OF THE SET FOR REFERENCE WITH DETAILS.
13. INCLUDES COST FOR ANY INCIDENTAL EXCAVATION, PLACING BORROW, AND COMPACTION TO ACHIEVE SUBGRADE ELEVATIONS FOR THE PREPARATION OF VARIOUS FOOTINGS AS SHOWN ON THE PLANS, SECTIONS AND CONSTRUCTION DETAILS, AN ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. ALL GENERAL SITE PREPARATION AND GRADING IN ORDER TO ACHIEVE PROPOSED ELEVATIONS SHALL BE INCLUDED IN THE LUMP SUM BID FOR EARTHWORK.
14. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR, AND MATERIALS TO COMPLETE ALL ITEMS ASSOCIATED WITH STRIPPING, EXCAVATION, GRADING, COMPACTION, IMPORT, EXPORT, AND ALL OTHER ASSOCIATED EARTHWORK ITEMS AS INDICATED ON THE GRADING SHEET AND SPECIFICATIONS. ALL EXCESS MATERIAL IS TO BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF IN A MANNER THAT FOLLOWS ALL APPLICABLE CITY STANDARDS AND

CODES.

15. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR, AND MATERIALS TO COMPLETE THE RELOCATION OF THE EXISTING MONUMENT FROM ITS ORIGINAL LOCATION TO THE LOCATION INDICATED ON THE LAYOUT SHEET, ALL ASSOCIATED FOOTINGS, CONCRETE, CONNECTIONS, ETC.
16. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR, AND MATERIALS TO COMPLETE THE INSTALLATION OF 44 CONCRETE SIDEWALK AS INDICATED ON THE LAYOUT PLANS. THIS WILL INCLUDE THE INSTALLATION OF ALL JOINTS, EXPANSION MATERIALS, PRE-MOLDED JOINT SPACERS, DECORATIVE TOOLING, SEALANT AND FINISHES. REFER TO SHEET D-1, DETAILS 1-3 AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
17. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL ARTIFICIAL TURF. REFER TO SPECIFICATIONS AND SHEET D-1, DETAIL 6 AND PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS FOR LOCATION OF ARTIFICIAL TURF AREAS. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC SECTION REGARDING APPROVED EQUALS SUBMITTAL.
18. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL DECOMPOSED GRANITE. REFER TO SHEET D-1, DETAIL 4 AND PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS FOR LOCATION OF DECOMPOSED GRANITE AREAS. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC SECTION REGARDING APPROVED EQUALS SUBMITTAL.
19. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL HORIZONTAL WOOD FENCE. REFER TO SHEET D-3, DETAIL 243 FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS FOR LOCATION OF HORIZONTAL WOOD FENCES AND TYPE. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL.
20. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL WIREWORKS PLUS FENCE WITH PEDESTRIAN GATES. REFER TO SHEET D-2, DETAIL 144 AND PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION.REFER TO LAYOUT PLANS FOR LOCATION OF WIREWORKS PLUS FENCE AND TYPE. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC SECTION REGARDING APPROVED EQUALS SUBMITTAL.
21. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL ELECTRONIC GATE HARDWARE. REFER TO SHEET D-2, DETAIL 244 FOR PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS FOR LOCATION OF ELECTRONIC GATE HARDWARE. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC

GENERAL CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF TULSA CONSTRUCTION STANDARDS.
- THE CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH EACH APPLICABLE DIVISION OF SECTION OF WORK TO INCLUDE: DESCRIPTION, MATERIALS, EQUIPMENT, CONSTRUCTION METHODS, SPECIAL REQUIREMENTS, METHODS OF MEASUREMENT, BASIS OF PAYMENT, AND STANDARD DRAWINGS IN ACCORDANCE WITH THE CITY OF TULSA APPLICABLE STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PRODUCING AN ACCEPTABLE END PRODUCT IN SUBSTANTIAL CONFORMANCE WITH THESE PLANS, STANDARDS AND SPECIFICATIONS.
- AREAS DISTURBED BY CONSTRUCTION TRAFFIC OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE RETURNED TO THEIR PREVIOUS CONDITION AT CONTRACTOR'S EXPENSE, AS DIRECTED BY LANDSCAPE ARCHITECT. ALL AREAS DISTURBED BETWEEN THE CUT & FILL CATCHLINES AND THE LIMITS OF WORK LINE SHALL BE REVEGETATED BY SODDING. COST SHALL BE CONSIDERED INCIDENTAL AND INCLUDED IN OTHER ITEMS. INCLUDES HAUL ROADS AND CONSTRUCTION ENTRANCES.
- THERE WILL BE NO DRIVING VEHICLES ON THE GRASS OUTSIDE OF THE CONSTRUCTION FENCED AREA. IF REQUIRED AS PART OF CONSTRUCTION REQUEST PERMISSION FROM OWNER'S ON SITE
- THERE WILL BE NO DRIVING CONSTRUCTION VEHICLES ON ANY OF THE PARK ROADS NOT IN THE CONSTRUCTION FENCING. IF REQUIRED AS PART OF CONSTRUCTION REQUEST PERMISSION FROM OWNER'S ON-SITE REPRESENTATIVE.
- IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADINGS AT INTERVALS REQUIRED TO ELIMINATE DUST. THIS WORK SHALL BE INCLUDED IN THE COST OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL DAMAGED UTILITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL ENVIRONMENTAL PROTECTION AGENCY (EPA) AND OK DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) REQUIREMENTS FOR STORM WATER MANAGEMENT FOR THIS PROJECT.
- THE CROSS SLOPE FOR THE SIDEWALK SHALL NOT EXCEED 50:1 (2%). THE LONGITUDINAL SLOPE FOR THE SIDEWALK SHALL NOT EXCEED 20:1 (5%) UNLESS OTHERWISE SHOWN.
- UNIT PRICE BID AND SYSTEM BID SHALL BE FULL COMPENSATION FOR FURNISHING ALL MATERIALS, EQUIPMENT, LABOR, INCIDENTALS REQUIRED TO COMPLETE THE WORK AS SHOWN IN THE PLANS AND DETAILS. ITEMS LISTED ON DRAWINGS AND NOT INCLUDED AS A SEPERATE PAY QUANTITY SHALL BE CONSIDERED INCIDENTAL.
- CONTRACTOR SHALL COORDINATE WITH THE CITY OF TULSA FOR PROPER STAGING LOCATION AND STABILIZED ENTRANCE LOCATIONS FOR ACCESS THROUGH THE PROJECT SITE. THE COST FOR STABILIZED CONSTRUCTION ENTRANCES SHALL BE CONSIDERED IN GENERAL CONDITIONS.
- IN ACCORDANCE WITH THE OK UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OK ONE-CALL, INC. "CALL OKIE" 1-800-522-6543 OR 811. TO LOCATE SERVICE UTILITY LINES CONTACT JASON BOYD, TULSA PARKS FACILITY MANAGER AT 418-261-4303.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING THE SLOPES THAT HE IS WORKING ON AND BELOW TO ENSURE THAT THE SLOPES DO NOT SUBSIDE DURING CONSTRUCTION. IF RE-DESIGN IS NECESSARY DUE TO THE SUBSIDENCE OF THE SLOPES THE CONTRACTOR WILL BE RESPONSIBLE FOR PAYING FOR THE RE-DESIGN COSTS.
- ABSOLUTELY NO STORAGE OF MATERIALS WILL BE ALLOWED WITHIN THE FLOOD PLAIN.

SECTION REGARDING APPROVED EQUALS SUBMITTAL.

22. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL 1-FT W. CONCRETE BAND. REFER TO SPECIFICATIONS AND SHEET D-1, DETAIL 9410 FOR PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS AND LAYOUT DIMENSION PLANS FOR LOCATION OF CONCRETE BAND. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL.
- 23.COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL 6-IN W. CONCRETE BAND. REFER TO SPECIFICATIONS AND SHEET D-1, DETAIL 1 FOR PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS AND LAYOUT DIMENSION PLANS FOR LOCATION OF CONCRETE CURB. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL.
24. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL DOG WATER STATION. REFER SHEET D-2, DETAIL 844 FOR PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS AND UTILITY PLANS FOR LOCATION OF DOG WATER STATION AND ASSOCIATED UTILITIES. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC SECTION REGARDING APPROVED EQUALS SUBMITTAL.
- 25.UNIT PRICE BID FOR THE INSTALLATION OF POTABLE WATER LINES SHALL INCLUDE BUT IS NOT LIMITED TO: PIPING, FITINGS, VALVES, BOXES, TRENCHING, BACKFILL MATERIAL AND ALL OTHER ITEMS OR INCIDENTALS SHOWN IN THE PLANS AND DETAILS FOR A COMPLETE, PRESSURIZED, PROPERLY FUNCTIONING SUSTEM. ALL PLUMBING SHALL BE COMPLETED BY A LICENSED PLUMBER FROM THE STATE OF OKLAHOMA. UNIT PRICE BID INCLUDES COST OF TRENCH EXCAVATION, BEDDING MATERIAL, ANY NECESSARY DEWATERING, LABOR AND ANY OTHER MATERIAL NECESSARY TO COMPLETE THE WORK. DISPOSAL OF EXCESS MATERIALS SHALL BE CONSIDERED INCIDENTAL TO THE PRICE BID FOR THIS ITEM.
26. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL DOG WASTE STATION. REFER SHEETS L-41L-2 FOR PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS FOR LOCATION OF DOG WASTE STATION. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC SECTION REGARDING APPROVED EQUALS SUBMITTAL.
- 27.COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL 2-FT W. STONE SEAT. REFER TO SHEET D-3, DETAIL 1 FOR PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS FOR LOCATION OF 2' W. STONE SEAT. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC SECTION REGARDING APPROVED EQUALS SUBMITTAL.

28. COST TO INCLUDE BUT IS NOT LIMITED TO ALL NECESSARY TOOLS, LABOR AND MATERIALS TO INSTALL GRAPHIC PANELS. REFER TO SHEET D-2, DETAIL 5-6 FOR PRODUCT INFORMATION FOR ALL NECESSARY ITEMS AND INFORMATION. REFER TO LAYOUT PLANS FOR LOCATION OF 2' W. STONE SEAT. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL. REFER TO SPEC SECTION REGARDING APPROVED EQUALS SUBMITTAL.
- 29.COST TO INCLUDE BUT IS NOT LIMITED TO PROVIDING ALL MATERIALS, EQUIPMENT AND LABOR REQUIRED TO COMPLETE THE AUTOMATIC IRRIGATION SYSTEM. COST OF VALVES, VALVE BOXES, CONTROL AND COMMON WIRING, LATERAL LINES, SPRINKLER HEADS, AUTOMATIC CONTROLLER(S), ELECTRICAL SUPPLY TO CONTROLLER AND BACKFLOW PREVENTER, AND TESTS INCLUDING SYSTEM PRESSURE AND PERFORMANCE TEST ARE TO BE INCIDENTAL TO THIS ITEM. REFER TO IRRIGATION SHEETS IRR-1 TO IRR-3 AND SPECIFICATIONS FOR ALL OTHER INFORMATION. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL.
30. COST TO INCLUDE ALL NECESSARY TOOLS, LABOR AND MATERIALS TO UNLOAD, PREPARE, AND PLANT TREES. PLANT PRICING TO INCLUDE THE MAINTENANCE OF TREES FOR A PERIOD OF ONE YEAR, AND PROVIDE A ONE-YEAR WARRANTY ON ALL INSTALLED PLANT MATERIAL. REFER TO SHEETS LS-1 TO LSD-1 FOR PLANT TYPE, SIZING AND LOCATION OF PLANTS. COST OF SUPPLYING AND INSTALLING TREE ANCHORS, MULCH, AND COMPOST TO BE INCIDENTAL FOR THIS ITEM. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL.
31. COST TO INCLUDE ALL NECESSARY TOOLS, LABOR AND MATERIALS TO UNLOAD, PREPARE, AND PLANT SHRUBS. PLANT PRICING TO INCLUDE THE MAINTENANCE OF SHRUBS FOR A PERIOD OF ONE YEAR, AND PROVIDE A ONE-YEAR WARRANTY ON ALL INSTALLED PLANT MATERIAL. REFER TO SHEETS LS-1 TO LSD-1 FOR PLANT TYPE, SIZING AND LOCATION OF PLANTS. COST OF SUPPLYING AND INSTALLING MULCH AND COMPOST FOR PLANTING AREAS IS TO BE INCIDENTAL TO THIS ITEM. REFER TO SPECIFICATIONS REGARDING REQUIRED INFORMATION FOR PRODUCT SUBMITTAL.
- 32.OBTAINING ALL NECESSARY LICENSEES, PERMITS, AND PAYING ALL FEES TO BE INCIDENTAL TO THIS ITEM.



BEFORE
YOU DIG ...
1-800-522-6543
CALL OKIE

PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK
IMPROVEMENTS

LOT 3 &4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



DRAWN	MDC		PROJ. MGR.	GL	2/4
DESIGNED			CDS MGR.	MW	2/26
SURVEY			FIELD MGR.	2-uc	2/26

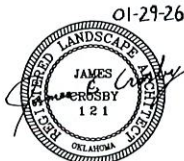
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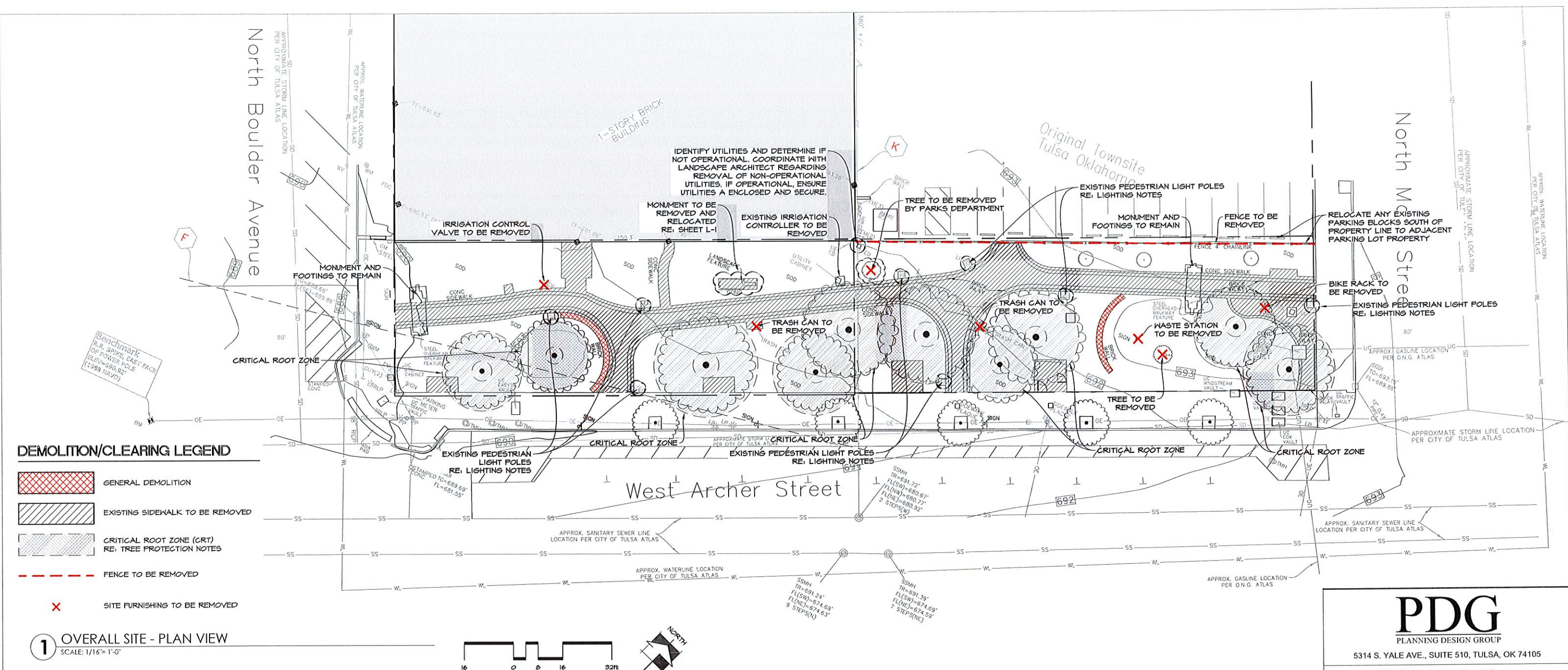
PAY ITEM QUANTITIES & NOTES

SHEET NO:

IN



JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT OF RECORD

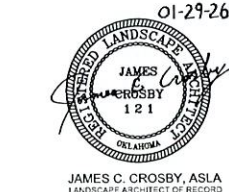


- ### DEMOLITION/CLEARING NOTES
- CONTRACTOR IS TO COORDINATE W/ OWNER AND ARCHITECT PRIOR TO DEMOLITION TO DETERMINE WHICH ITEMS THE OWNER WISHES TO RETAIN AND THE LOCATION THESE ITEMS ARE TO BE DELIVERED TO.
 - CONTRACTOR TO CONDUCT A THOROUGH REVIEW OF PROPERTY TO VERIFY ALL ITEMS SHOWN TO BE DEMOLISHED ON THIS SHEET.
 - ALL TREES, VEGETATION, ROCK & BOULDERS, TRASH, DEBRIS, CONCRETE, ASPHALT, METAL ITEMS AND ALL OTHER MATERIAL NOTED FOR REMOVAL ON THIS PROJECT TO BE PROPERLY DEMOLISHED AND REMOVED FROM THIS SITE BY CONTRACTOR AS PER SPECIFICATIONS.
 - ALL EXISTING ITEMS THAT ARE TO REMAIN WHICH ARE DAMAGED DURING CONSTRUCTION ARE TO BE RESTORED TO ORIGINAL CONDITIONS. THIS INCLUDES BUT IS NOT LIMITED TO LIGHTS, SIDEWALKS, ASPHALT PAVING, ETC.
 - ALL ITEMS WILL BE COMPLETELY REMOVED FROM SITE UNLESS OTHERWISE DIRECTED, NO ITEMS ARE TO BE DEMOLISHED AND LEFT BELOW GRADE.
 - PAVEMENT TO BE REMOVED WITHIN TREE PROTECTION ZONE TO BE DONE USING THE SMALLEST SIZED TRACKED EQUIPMENT THAT IS PRACTICAL.

- ### CLEARING AND GRUBBING NOTES
- CLEARING WILL CONSIST OF CLEARING AREAS WITHIN DESIGNATED LIMITS AS REQUIRED FOR SITE AND EXECUTION OF THE WORK. CLEARING WILL CONSIST OF FELLING AND CUTTING OF TREES, AND RUBBISH. SPECIMEN TREES LOCATED WITHIN THE GENERAL CLEARING LIMITS ARE TO REMAIN IN PLACE UNTIL REVIEWED BY LANDSCAPE ARCHITECT.
 - GRUBBING WILL CONSIST OF THE REMOVAL AND DISPOSAL OF STUMPS, ROOTS LARGER THAN 3/4 INCHES IN DIAMETER, AND MATTED ROOTS FROM THE DESIGNATED CLEARING AREAS. THIS MATERIAL TOGETHER WITH LOGS AND OTHER ORGANIC AND OR NON-ORGANIC DEBRIS NOT SUITABLE WILL BE EXCAVATED AND REMOVED TO A DEPTH OF NOT LESS THAN EIGHTEEN (18) INCHES BELOW THE ORIGINAL SURFACE LEVEL OF THE GROUND AREA. DEPRESSIONS MADE BY GRUBBING WILL BE FILLED WITH SUITABLE MATERIAL AND COMPACTED TO MAKE SURFACE CONFORM WITH THE ORIGINAL ADJACENT SURFACE OF THE SITE.
 - SELECTIVE TREE CLEARING WILL CONSIST OF SAVING EXISTING TREES DEEMED TO BE SPECIMEN TREES OR THOSE SELECTED BY LANDSCAPE ARCHITECT. ALL OTHER TREES IN THIS AREA WILL BE CLEARED AND GRUBBED IN ACCORDANCE WITH PRECEDING NOTES. UP TO 40% OR MORE OF THE TREES IN ANY GIVEN AREA MAY BE REMOVED AFTER LANDSCAPE ARCHITECT COMPLETES THE FINAL REVIEW.
 - AFTER CLEARING, CONTRACTOR IS TO GRADE AND SMOOTH SURFACE.
 - ANY UNFORESEEN DEBRIS BECOMES PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED.

- ### TREE PROTECTION NOTES
- FENCE SHALL BE INSTALLED PRIOR TO ANY WORK BEGINNING ON SITE AND MAINTAINED IN GOOD CONDITION (UNLESS OTHERWISE NOTED) UNTIL THE COMPLETION OF THE PROJECT.
 - FENCE TO BE TAKEN DOWN ONLY WHEN NECESSARY TO ALLOW THE INSTALLATION OF THE CURB AND DECOMPOSED GRANITE OR OTHER DESIGN FEATURE.
 - WORK WITHIN THE FENCED AREA TO BE COMPLETED BY HAND ONLY.
 - THE FOLLOWING ARE PROHIBITED WITHIN THE CRITICAL ROOT ZONE:
 - STORAGE OF CONSTRUCTION MATERIALS, DEBRIS, OR EXCAVATED MATERIAL.
 - DISPOSING OF HARMFUL SUBSTANCES LIKE PAINT, OIL FUEL, ETC.
 - PARKING VEHICLES OR EQUIPMENT
 - FOOT TRAFFIC
 - ERECTION OF SHEDS OR STRUCTURES
 - IMPOUNDMENT OF WATER
 - ATTACHMENT OF SIGNS TO OR WRAPPING MATERIALS AROUND TREES OR PLANTS.
 - EXCAVATION OR OTHER DIGGING UNLESS OTHERWISE INDICATED
 - WORK WITHIN THE FENCED AREA TO BE COMPLETED BY HAND ONLY.
 - EQUIPMENT SHALL AVOID PASSING THROUGH THE FULL CRITICAL ROOT ZONE WHEN POSSIBLE.

- ### LIGHTING NOTES
- DOWNTOWN TULSA PARTNERSHIP HAS A SEPARATE AGREEMENT TO REMOVE AND REPLACE THE EXISTING ACORN PEDESTRIAN LIGHT FIXTURES WITHIN LEGACY PARK.
 - A TOTAL OF (8) FIXTURES TO BE REMOVED AND REPLACED WITHIN THE PARK.
 - THE ELECTRICAL CIRCUITS ARE TO BE TESTED DURING REMOVAL/REPLACEMENT OF THE EXISTING POLE LIGHTS.



PDG
PLANNING DESIGN GROUP
5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS
LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

CITY OF TULSA
CITY EXPERIENCE

TULSA DOWN
PARTNERSHIP

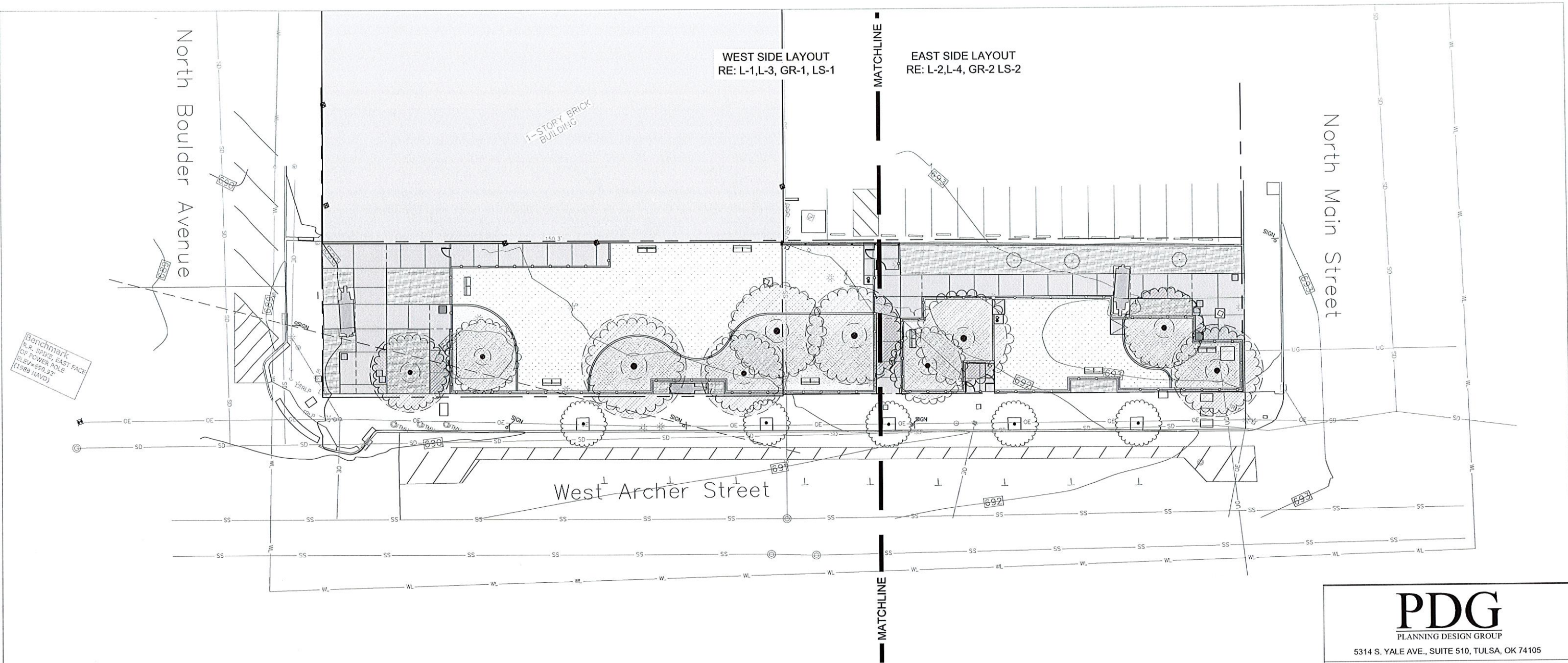
DRAWN	MDC	PROJ. MGR.	1/30
DESIGNED		CDS MGR.	2/20
SURVEY		FIELD MGR.	2/26

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

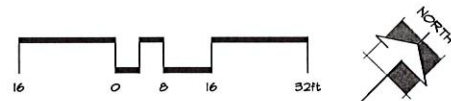
SHEET NAME:
DEMOLITION PLAN

SHEET NO:
DEMO-1

SHEET 2 OF 22
PDG PROJECT #: 24-43



1 OVERALL SITE - PLAN VIEW
SCALE: 1/16"= 1'-0"



JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT OF RECORD

PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

**LEGACY PARK
IMPROVEMENTS**

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



CITY EXPERIENCE

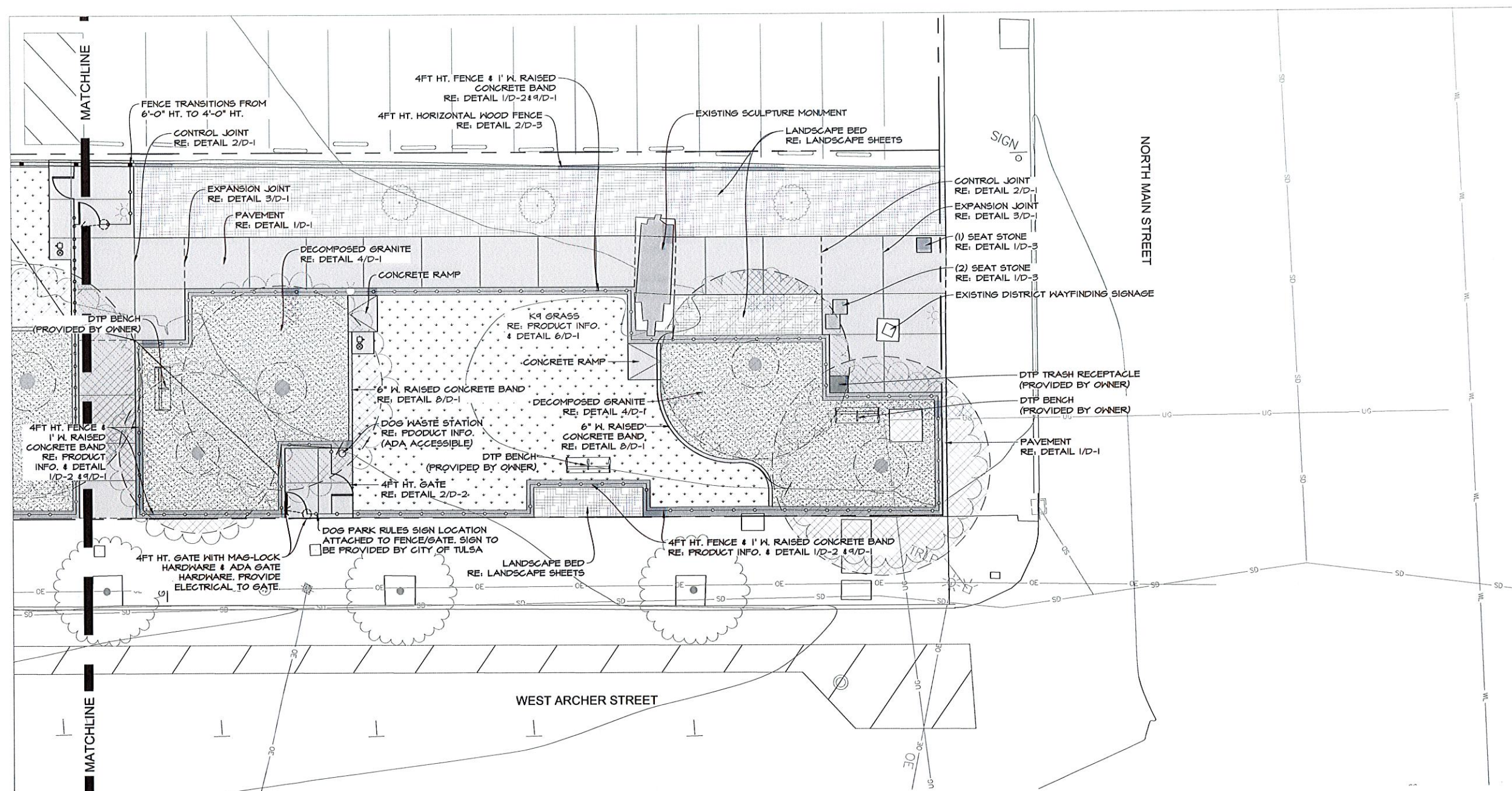
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DESIGNED		CDS MGR.	MMW	2/26
SURVEY		FIELD MGR.	MMW	2/26
ISSUE BLOCK		BY:	PDG	DATE:
BID SET				01/29/26

SHEET NAME:

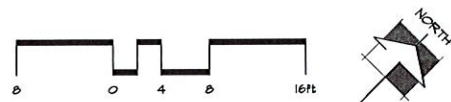
OVERALL SITE PLAN

SHEET NO:

SP-1



1 EAST-SIDE - PLAN VIEW
SCALE: 1/8" = 1'-0"



PRODUCT INFORMATION

ARTIFICIAL TURF

-K9 GRASS CLASSIC+
FOREVER LAWN TULSA
REP: ROSS SPENCER
PH: (214) 403-3096
WEB: WWW.TULSA.FOREVERLAWN.COM

DECOMPOSED GRANITE

-DESERT GOLD SCREENINGS
HARDSCAPE MATERIALS
PH: (918) 369-1170
WEB: WWW.HARDSCAPEMATERIALS.COM

FENCE

-4' HT. WIREWORKS FENCE & GATE SYSTEM
-6' HT. WIREWORKS FENCE & GATE SYSTEM
COLOR: BLACK

AMERISTAR PERIMETER
(888) 333-3422
WEB: WWW.AMERISTARPERIMETER.COM

SEAT STONES

-20" HT. x 24" W. x 24" L.
-OKLAHOMA SANDSTONE BLOCKS

BLUEBIRD STONE
PH: (918) 647-1161
WEB: WWW.BLUE-BIRD-STONE.COM

DOG WASTE STATION

-COMPLETE DOG WASTE STATION SINGLE-PULL

DOG-ON-IT-PARKS
PH: (877) 348-3641
WEB: WWW.DOG-ON-IT-PARKS.COM

DOG WATER STATION

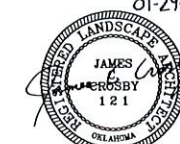
-300 SM
COLOR: BLUE
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS
PH: (901) 867-0039
WEB: WWW.MOSTDEPENDABLE.COM

*ALL COLORS FOR PRODUCTS TO BE FINALIZED
AND SELECTED DURING SUBMITTAL PROCESS

LAYOUT NOTES

- ALL DIMENSIONS GIVEN ARE HORIZONTAL.
- CONTRACTOR TO GAIN APPROVAL OF OWNER OR LANDSCAPE ARCHITECT BEFORE ANY DIGGING TAKES PLACE.
- REFER TO PROJECT DETAILS FOR SPECIFICATIONS, MATERIALS, AND CONSTRUCTION DETAILING.
- ASSUME ALL DIMENSIONS TO BE GIVEN AT RIGHT ANGLES UNLESS OTHERWISE NOTED ON PLAN.
- CONTRACTOR'S SURVEYOR TO CALCULATE COORDINATES AND STAKE THE LAYOUT OF ALL HARDSCAPE ELEMENTS FOR SUB-CONTRACTOR.



JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT OF RECORD

PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



DRAWN	MDC	PROJ. MGR.	SL	1/30
DESIGNED		CDS MGR.	MW	1/26
SURVEY		FIELD MGR.	Rover	2/26

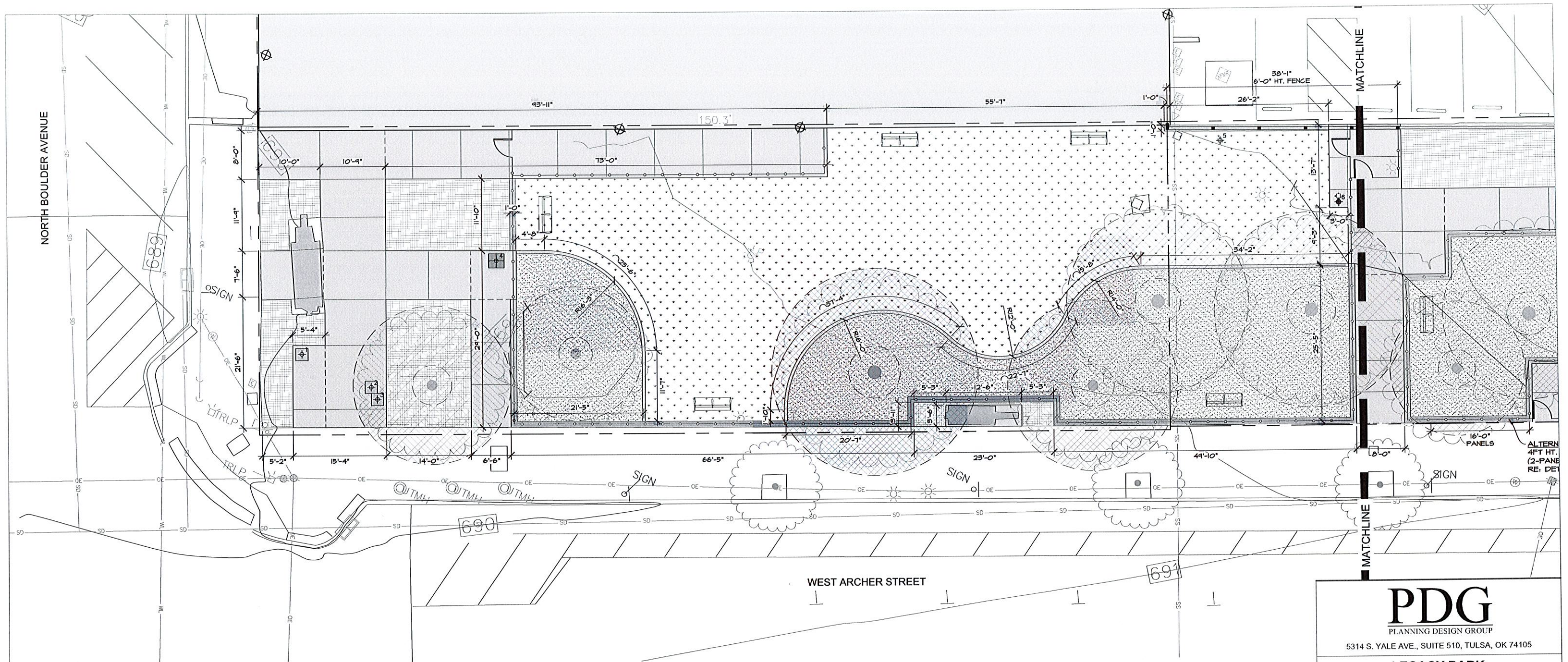
ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

EAST - SIDE LAYOUT PLAN

SHEET NO:
L-2

SHEET 5 OF 22

PDG PROJECT #: 24-43



1 WEST-SIDE LAYOUT - PLAN VIEW
SCALE: 1/8" = 1'-0"

PRODUCT INFORMATION

ARTIFICIAL TURF

-K9 GRASS CLASSIC+
FOREVER LAWN TULSA
REP. ROSS SPENCER
PH: (214) 405-3096
WEB: WWW.TULSAFOREVERLAWN.COM

DECOMPOSED GRANITE

-DESERT GOLD SCREENINGS
HARDSCAPE MATERIALS
PH: (918) 364-1170
WEB: WWW.HARDSCAPEMATERIALS.COM

FENCE

-4' HT. WIREWORKS FENCE & GATE SYSTEM
-6' HT. WIREWORKS FENCE & GATE SYSTEM
COLOR: BLACK

AMERISTAR PERIMETER
(888) 333-3422
WEB: WWW.AMERISTARPERIMETER.COM

SEAT STONES
-20" HT. x 24" W. x 24" L.
-OKLAHOMA SANDSTONE BLOCKS

BLUEBIRD STONE
PH: (918) 647-1161
WEB: BLUE-BIRD-STONE.COM

DOG WASTE STATION

-COMPLETE DOG WASTE STATION SINGLE-FULL

DOG-ON-IT-PARKS
PH: (877) 348-3641
WEB: WWW.DOG-ON-IT-PARKS.COM

DOG WATER STATION

-300 SM
COLOR: BLUE
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS
PH: (901) 867-0034
WEB: WWW.MOSTDEPENDABLE.COM

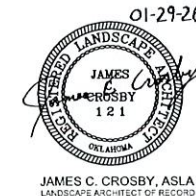
*ALL COLORS FOR PRODUCTS TO BE FINALIZED
AND SELECTED DURING SUBMITTAL PROCESS

NORTHING/EASTING POINT SCHEDULE

POINT	DESCRIPTION	NORTHING	EASTING
1	SEAT STONE	N 427922.104	E 2560566.044
2	SEAT STONE	N 427921.837	E 2560578.642
3	SEAT STONE	N 427920.431	E 2560580.381
4	TRASH RECEPTACLE (DTP PROVIDED)	N 427944.243	E 2560588.963
5	DOG WASTE STATION	N 427415.970	E 2560690.019
6	DOG WATER STATION	N 427414.814	E 2560711.437
7	DOG WATER STATION	N 427420.114	E 2560755.413
8	DOG WASTE STATION	N 427403.768	E 2560759.234
9	TRASH RECEPTACLE (DTP PROVIDED)	N 427442.345	E 2560817.640
10	SEAT STONE	N 427444.878	E 2560813.371
11	SEAT STONE	N 427452.113	E 2560813.454
12	SEAT STONE	N 427464.582	E 2560820.588

LAYOUT NOTES

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PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

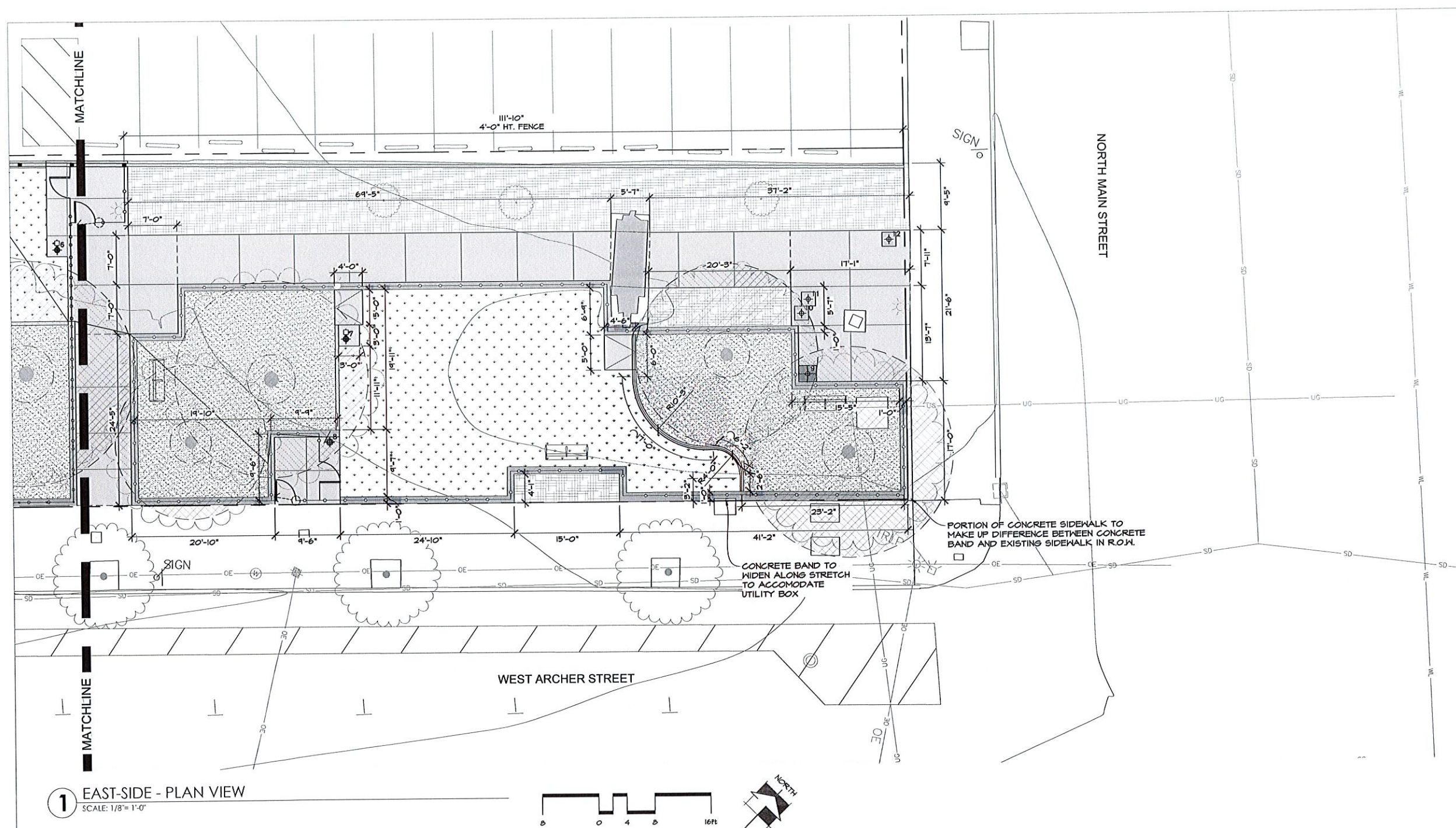


DRAWN	MDC	PROJ. MGR.	SL	1/30
DESIGNED		CDS MGR.	MW	2/26
SURVEY		FIELD MGR.	DM	2/26

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

SHEET NAME:
WEST-SIDE LAYOUT DIMENSION PLAN

SHEET NO.:
L-3



PRODUCT INFORMATION

ARTIFICIAL TURF
-K9 GRASS CLASSIC+

FOREVER LAWN TULSA
REP: ROSS SPENCER
PH: (214) 405-3096
WEB: WWW.TULSA.FOREVERLAWN.COM

DECOMPOSED GRANITE
-DESERT GOLD SCREENINGS

HARDSCAPE MATERIALS
PH: (918) 369-1170
WEB: WWW.HARDSCAPEMATERIALS.COM

FENCE
-4' HT. WIREWORKS FENCE & GATE SYSTEM
-6' HT. WIREWORKS FENCE & GATE SYSTEM
COLOR: BLACK

AMERISTAR PERIMETER
(888) 333-3422
WEB: WWW.AMERISTARPERIMETER.COM

SEAT STONES
-20" HT. x 24" W. x 24" L.
-OKLAHOMA SANDSTONE BLOCKS

BLUEBIRD STONE
PH: (918) 647-7161
WEB: BLUE-BIRD-STONE.COM

DOG WASTE STATION
-COMPLETE DOG WASTE STATION SINGLE-PULL

DOG-ON-IT-PARKS
PH: (877) 348-3647
WEB: WWW.DOG-ON-IT-PARKS.COM

DOS WATER STATION
-300 SM
COLOR: BLUE
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS
PH: (901) 867-0039
WEB: WWW.MOSTDEPENDABLE.COM

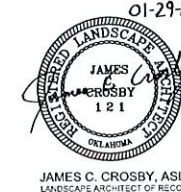
*ALL COLORS FOR PRODUCTS TO BE FINALIZED AND SELECTED DURING SUBMITTAL PROCESS

NORTHING/EASTING POINT SCHEDULE

<u>POINT</u>	<u>DESCRIPTION</u>	<u>NORTHING</u>	<u>EASTING</u>
1	SEAT STONE	N 427322.104	E 2560566.044
2	SEAT STONE	N 427321.837	E 2560578.642
3	SEAT STONE	N 427320.431	E 2560580.531
4	TRASH RECEFTACLE (DTP PROVIDED)	N 427349.243	E 2560588.963
5	DOG WASTE STATION	N 427415.970	E 2560690.019
6	DOG WATER STATION	N 427414.614	E 2560711.937
7	DOG WATER STATION	N 427420.119	E 2560755.413
8	DOG WASTE STATION	N 427405.768	E 2560759.234
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10	SEAT STONE	N 427449.878	E 2560813.377
11	SEAT STONE	N 427452.113	E 2560813.545
12	SEAT STONE	N 427464.582	E 2560820.588

LAYOUT NOTES

1. ALL DIMENSIONS GIVEN ARE HORIZONTAL
2. CONTRACTOR TO GAIN APPROVAL OF OWNER OR LANDSCAPE ARCHITECT BEFORE ANY DIGGING TAKES PLACE.
3. REFER TO PROJECT DETAILS FOR SPECIFICATIONS, MATERIALS, AND CONSTRUCTION DETAILING.
4. ASSUME ALL DIMENSIONS TO BE GIVEN AT RIGHT ANGLES UNLESS OTHERWISE NOTED ON PLAN.
5. CONTRACTOR'S SURVEYOR TO CALCULATE COORDINATES AND STAKE THE LAYOUT OF ALL HARDSCAPE ELEMENTS FOR SUB-CONTRACTOR.



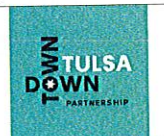
PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



CITY EXPERIENCE

DRAWN	MDG		PROJ. MGR.	<i>SL</i>	<i>1/30</i>
DESIGNED			CDS MGR.	<i>MMW</i>	<i>2/26</i>
SURVEY			FIELD MGR.	<i>SLW</i>	<i>2/26</i>

ISSUE BLOCK

BID SET

DATE:

G	01/29/26
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26	
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20	
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4	
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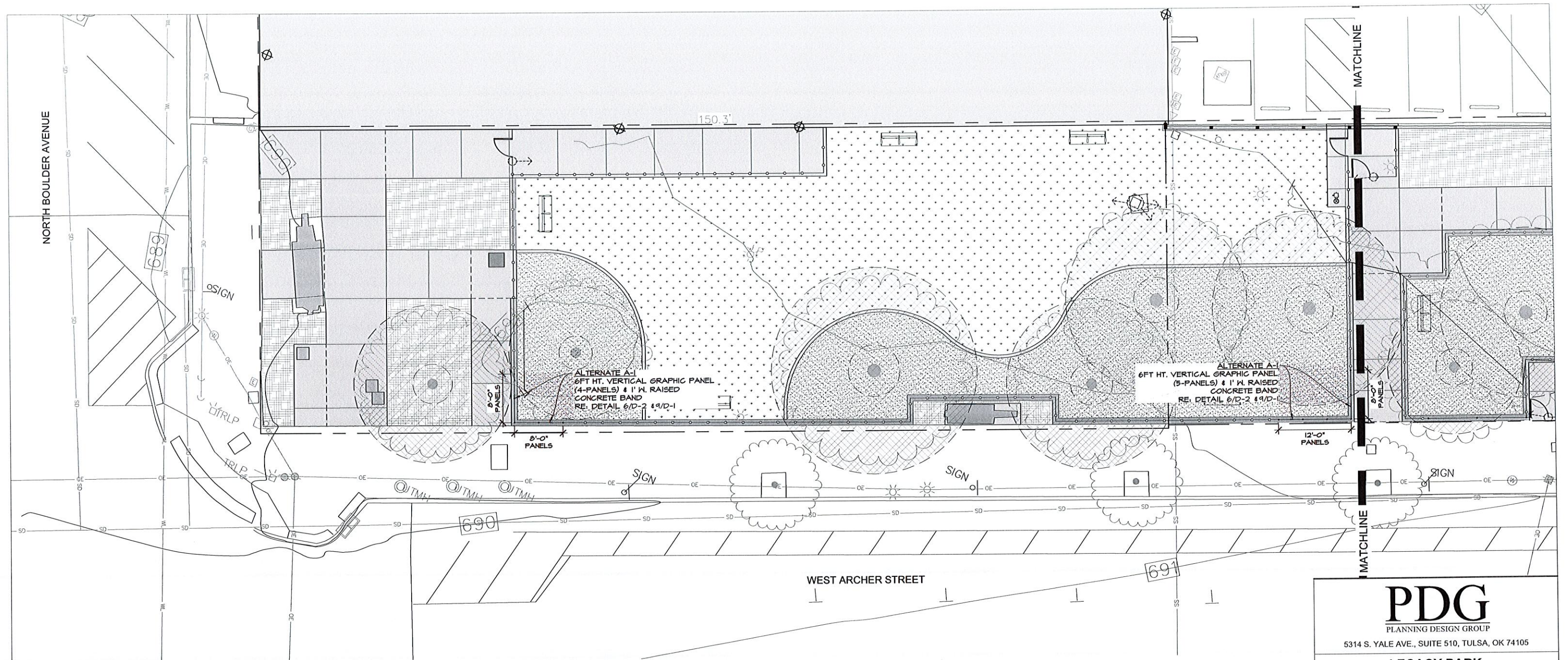
EAST-SIDE LAYOUT DIMENSION PLAN

SHEET NO:

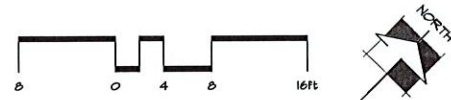
L-4

SHEET 7 OF 22

PDG PROJECT #: 24-43



1 ALTERNATE FENCE WEST-SIDE LAYOUT - PLAN VIEW
SCALE: 1/8" = 1'-0"



PRODUCT INFORMATION

ARTIFICIAL TURF

-K9 GRASS CLASSIC+

FOREVER LAWN TULSA
REP: ROSS SPENCER
PH: (214) 405-3096
WEB: WWW.TULSAFOREVERLAWN.COM

DECOMPOSED GRANITE

-DESERT GOLD SCREENINGS

HARDSCAPE MATERIALS
PH: (918) 364-1110
WEB: WWW.HARDSCAPEMATERIALS.COM

FENCE
-4' HT. WIREWORKS FENCE & GATE SYSTEM
-6' HT. WIREWORKS FENCE & GATE SYSTEM
COLOR: BLACK

AMERISTAR PERIMETER
(888) 333-3422
WEB: WWW.AMERISTARPERIMETER.COM

SEAT STONES
-20" HT. x 24" W. x 24" L.
-OKLAHOMA SANDSTONE BLOCKS

BLUEBIRD STONE
PH: (918) 647-7161
WEB: BLUE-BIRD-STONE.COM

DOG WASTE STATION

-COMPLETE DOG WASTE STATION SINGLE-PULL

DOG-ON-IT-PARKS
PH: (877) 348-3647
WEB: WWW.DOG-ON-IT-PARKS.COM

DOG WATER STATION

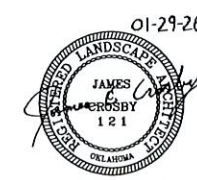
-300 SM
COLOR: BLUE
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS
PH: (901) 867-0039
WEB: WWW.MOSTDEPENDABLE.COM

*ALL COLORS FOR PRODUCTS TO BE FINALIZED
AND SELECTED DURING SUBMITTAL PROCESS

LAYOUT NOTES

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JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT OF RECORD

PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

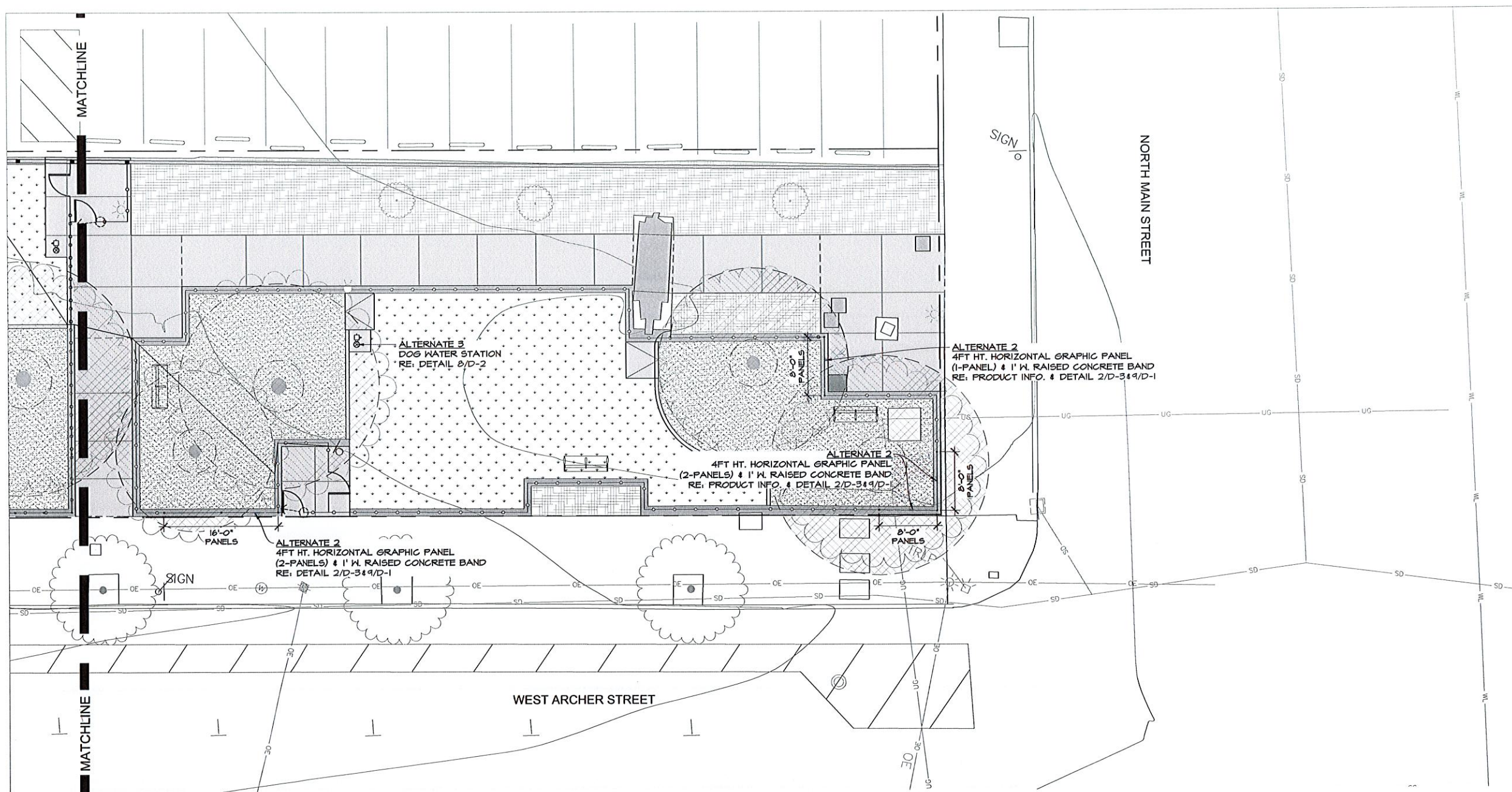
PROJECT NUMBER: PR 25-6-R



DRAWN	MDC	PROJ. MGR.	SL	1/30
DESIGNED		CDS MGR.	MM	2/20
SURVEY		FIELD MGR.	MM	2/16
ISSUE BLOCK		BY:	PDG	DATE:
BID SET				01/29/26

SHEET NAME:
ALTERNATE WEST - SIDE LAYOUT PLAN

SHEET NO:
ALT-1



1 ALTERNATE FENCE EAST-SIDE - PLAN VIEW
SCALE: 1/8" = 1'-0"

PRODUCT INFORMATION

ARTIFICIAL TURF

-K9 GRASS CLASSIC+
FOREVER LAWN TULSA
REP: ROSS SPENCER
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WEB: WWW.TULSAFOREVERLAWN.COM

DECOMPOSED GRANITE

-DESERT GOLD SCREENINGS
HARDSCAPE MATERIALS
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-6' HT. WIREWORKS FENCE & GATE SYSTEM
COLOR: BLACK

AMERISTAR PERIMETER
(888) 333-3422
WEB: WWW.AMERISTARPERIMETER.COM

SEAT STONES

-20" HT. x 24" W. x 24" L.
-OKLAHOMA SANDSTONE BLOCKS

BLUEBIRD STONE
PH: (918) 647-7161
WEB: BLUE-BIRD-STONE.COM

DOG WASTE STATION

-COMPLETE DOG WASTE STATION SINGLE-FULL

DOG-ON-IT-PARKS
PH: (877) 348-3647
WEB: WWW.DOG-ON-IT-PARKS.COM

DOG WATER STATION

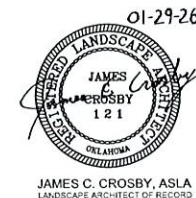
-300 SM
COLOR: BLUE
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS
PH: (901) 867-0039
WEB: WWW.MOSTDEPENDABLE.COM

*ALL COLORS FOR PRODUCTS TO BE FINALIZED
AND SELECTED DURING SUBMITTAL PROCESS

LAYOUT NOTES

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2. CONTRACTOR TO GAIN APPROVAL OF OWNER OR LANDSCAPE ARCHITECT BEFORE ANY DIGGING TAKES PLACE.
3. REFER TO PROJECT DETAILS FOR SPECIFICATIONS, MATERIALS, AND CONSTRUCTION DETAILING.
4. ASSUME ALL DIMENSIONS TO BE GIVEN AT RIGHT ANGLES UNLESS OTHERWISE NOTED ON PLAN.
5. CONTRACTOR'S SURVEYOR TO CALCULATE COORDINATES AND STAKE THE LAYOUT OF ALL HARDSCAPE ELEMENTS FOR SUB-CONTRACTOR.



PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



DRAWN	MDC	PROJ. MGR.	SL	1/30
DESIGNED		CDS MGR.	MM	2/26
SURVEY		FIELD MGR.	Paul	2/26
ISSUE BLOCK		BY:	PDG	DATE: 01/29/26
BID SET				

SHEET NAME:

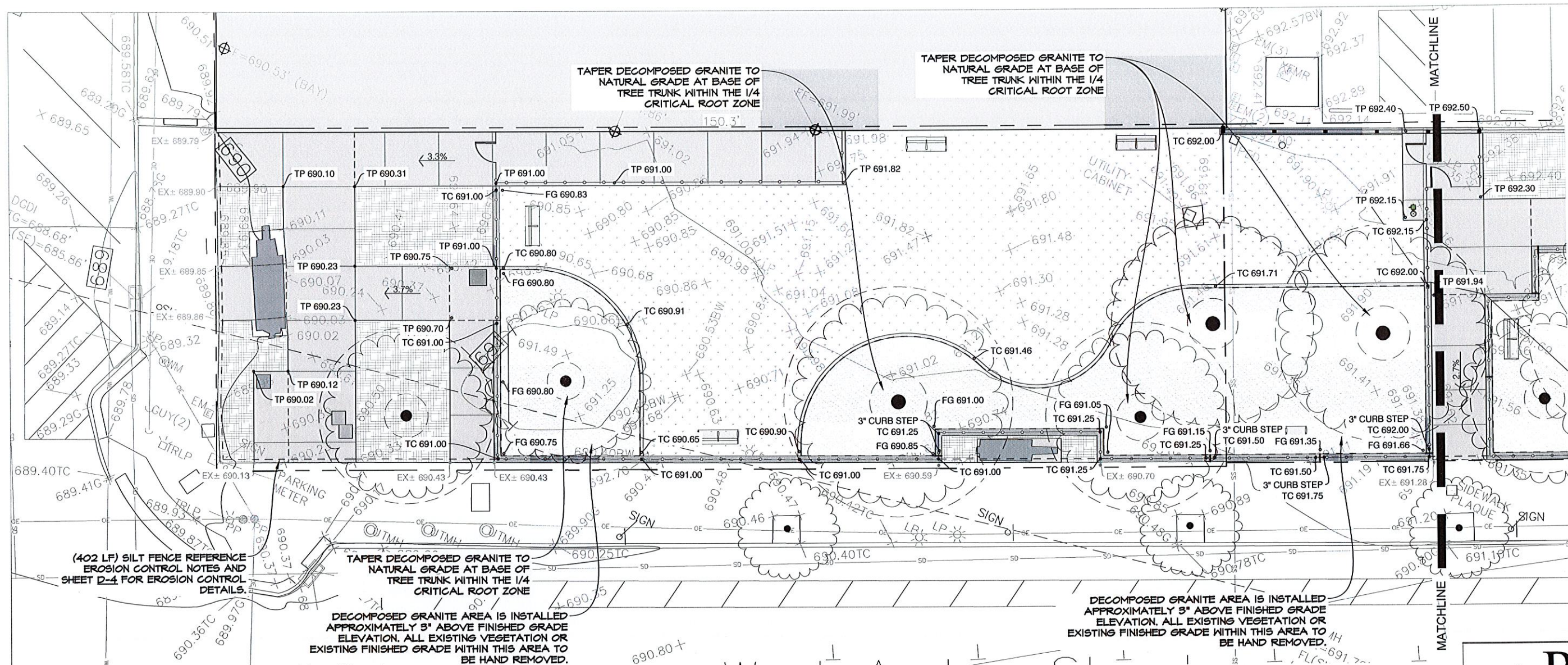
ALTERNATE EAST - SIDE LAYOUT PLAN

SHEET NO:

ALT-2

SHEET 9 OF 22

PDG PROJECT #: 24-43



1 GRADING - PLAN VIEW
SCALE: 1/8" = 1'-0"

GRADING LEGEND

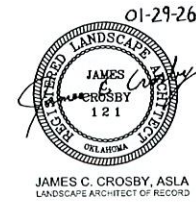
- TP - TOP OF PAVEMENT
- FG - FINISH GRADE
- TC - TOP OF CURB
- BC - BOTTOM OF CURB
- FF - FINISHED FLOOR
- EG - EXISTING GRADE

GRADING NOTES

- CONTRACTOR TO BLEND CONTOUR ALTERATIONS INTO EXISTING TOPOGRAPHY TO PROMOTE A SMOOTH TRANSITION.
- CONTRACTOR TO MAINTAIN AND UTILIZE NATURAL DRAINAGE PATTERNS WHERE POSSIBLE.
- ALL SPOT ELEVATIONS HAVE BEEN TRUNCATED TO EXCLUDE THE "12" (THOUSAND/HUNDREDS) FROM THE LABEL.
- ALL IMPERVIOUS WALKING SURFACES SHALL NOT EXCEED 2% CROSS SLOPE AND 5% SLOPE IN WALKING DIRECTION. ALL PLAZA AREAS TO MAINTAIN A MAXIMUM OF 2% SLOPE IN ANY DIRECTION. ALL GRADES MUST MEET CURRENT CITY ACCESSIBILITY CODES AND REQUIREMENTS.
- IF ERRORS ARE DISCOVERED IN REGARDS TO PROPOSED SPOT ELEVATIONS OR CONTOURS ON THE PLAN, THE CONTRACTOR IS TO CONSULT WITH LANDSCAPE ARCHITECT PRIOR TO CONTINUING CONSTRUCTION OPERATIONS.
- CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL SIDEWALKS AND ACCESS RAMPS COMPLY WITH THE CITY ACCESSIBILITY STANDARD REQUIREMENTS. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN DESIGN INFORMATION AND THE CITY STANDARD REQUIREMENTS PRIOR TO CONSTRUCTION.

EROSION CONTROL NOTES

- CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF ALL EROSION CONTROL MATERIAL THAT IS NECESSARY TO MEET CITY OF TULSA CODES.
- REFER TO SHEED D-4 FOR ALL EROSION CONTROL DETAILS.
- A COPY OF THE EROSION CONTROL SITE PLAN MUST BE ON SITE AT ALL TIMES AND MADE AVAILABLE TO THE INSPECTOR UPON REQUEST.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL EROSION CONTROL DEVICES DAMAGED DUE TO CONSTRUCTION.
- INDICATE PROCEDURES FOR RE-VEGETATION OF DISTURBED AREAS FOR PERMANENT STABILIZATION.
- STORM WATER QUALITY PERMIT MUST BE OBTAINED BEFORE A WORK ORDER IS RELEASED.



PDG
PLANNING DESIGN GROUP
5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS
LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

CITY OF
TULSA
CITY EXPERIENCE

TULSA
TOWN
PARTNERSHIP

DRAWN	MDC	PROJ. MGR.	1/30
DESIGNED		CDS MGR.	2/26
SURVEY		FIELD MGR.	2/26

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

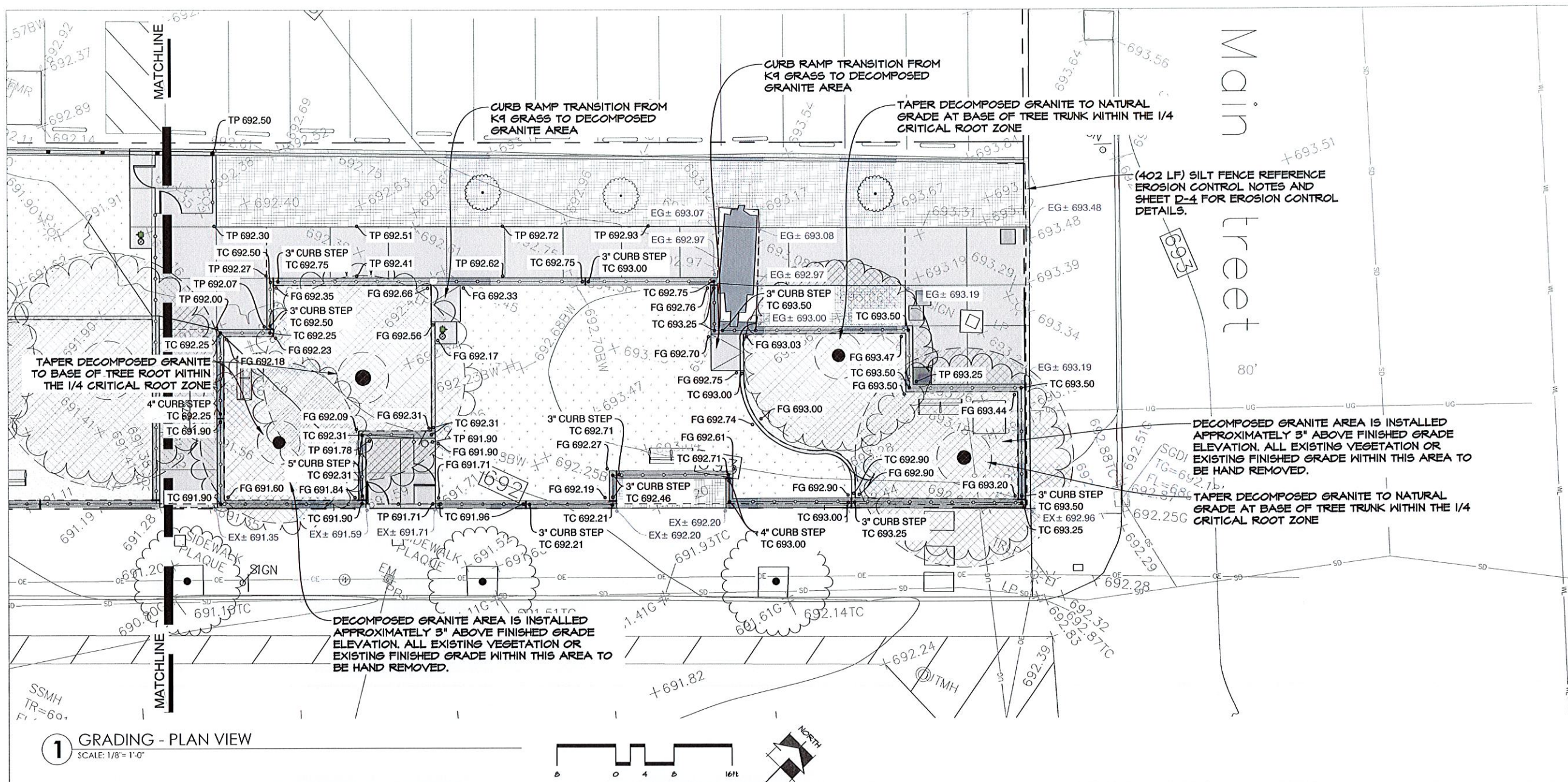
SHEET NAME:
WEST-SIDE GRADING PLAN

SHEET NO:
GR-1

01-29-26

JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT OF RECORD

SHEET 10 OF 22
PDG PROJECT #: 24-43



1 GRADING - PLAN VIEW
SCALE: 1/8" = 1'-0"

GRADING LEGEND

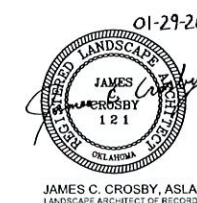
TP - TOP OF PAVEMENT
FG - FINISH GRADE
TC - TOP OF CURB
BC - BOTTOM OF CURB
FF - FINISHED FLOOR
EG - EXISTING GRADE

GRADING NOTES

- CONTRACTOR TO BLEND CONTOUR ALTERATIONS INTO EXISTING TOPOGRAPHY TO PROMOTE A SMOOTH TRANSITION.
- CONTRACTOR TO MAINTAIN AND UTILIZE NATURAL DRAINAGE PATTERNS WHERE POSSIBLE.
- ALL SPOT ELEVATIONS HAVE BEEN TRUNCATED TO EXCLUDE THE "12" (THOUSAND/HUNDREDS) FROM THE LABEL.
- ALL IMPERVIOUS WALKING SURFACES SHALL NOT EXCEED 2% CROSS SLOPE AND 5% SLOPE IN WALKING DIRECTION. ALL PLAZA AREAS TO MAINTAIN A MAXIMUM OF 2% SLOPE IN ANY DIRECTION. ALL GRADES MUST MEET CURRENT CITY ACCESSIBILITY CODES AND REQUIREMENTS.
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- STORM WATER QUALITY PERMIT MUST BE OBTAINED BEFORE A WORK ORDER IS RELEASED.



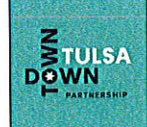
PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

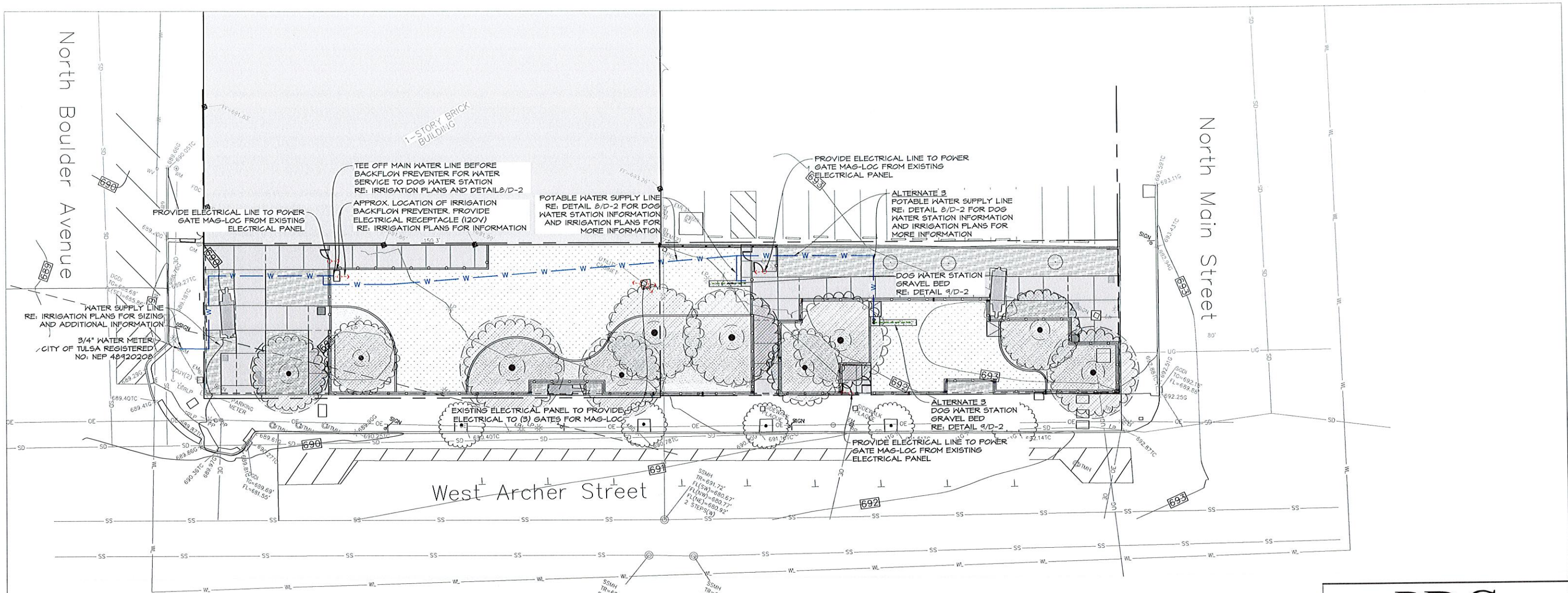


DRAWN	MDC	PROJ. MGR.	32	1/30
DESIGNED		CDS MGR.		
SURVEY		FIELD MGR.		

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

EAST-SIDE GRADING PLAN

SHEET NO:
GR-2



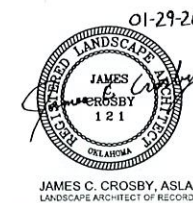
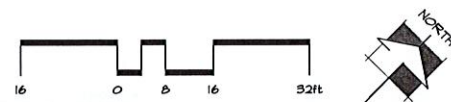
1 UTILITIES - PLAN VIEW SCALE: 1/16"=1'-0"

UTILITY LEGEND

- W WATER SUPPLY LINE
- GRAVEL DRAIN BED
RE: DETAIL 9/D-2
- E ELECTRICAL LINE CONNECTION

WATER SERVICE

WATER SERVICE INSTALLATION TO INCLUDE ALL NECESSARY ITEMS TO COMPLETE WATER SERVICE FROM WATER METER TO FOUNTAINS. THIS INCLUDES THE 1" WATER SUPPLY LINE FROM THE EXISTING WATER METER TO THE IRRIGATION BACK FLOW PREVENTER. AFTER THE BACK FLOW PREVENTER, THE WATER SUPPLY LINE CAN SIZE DOWN TO A 1/2" WATER SUPPLY LINE TO THE WATER FOUNTAINS. THE WATER SERVICE LINE IS TO BE INSTALLED PER CITY OF TULSA STANDARD CONSTRUCTION SPECIFICATIONS AND ALL WATER LINES TO FOUNTAINS ARE TO BE INSTALLED PER FOUNTAIN MANUFACTURERS SPECIFICATIONS. CONTRACTOR TO GAIN APPROVAL FROM CITY AFTER STAKING LINES PRIOR TO DEMOLITION OR INSTALLATION.



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LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

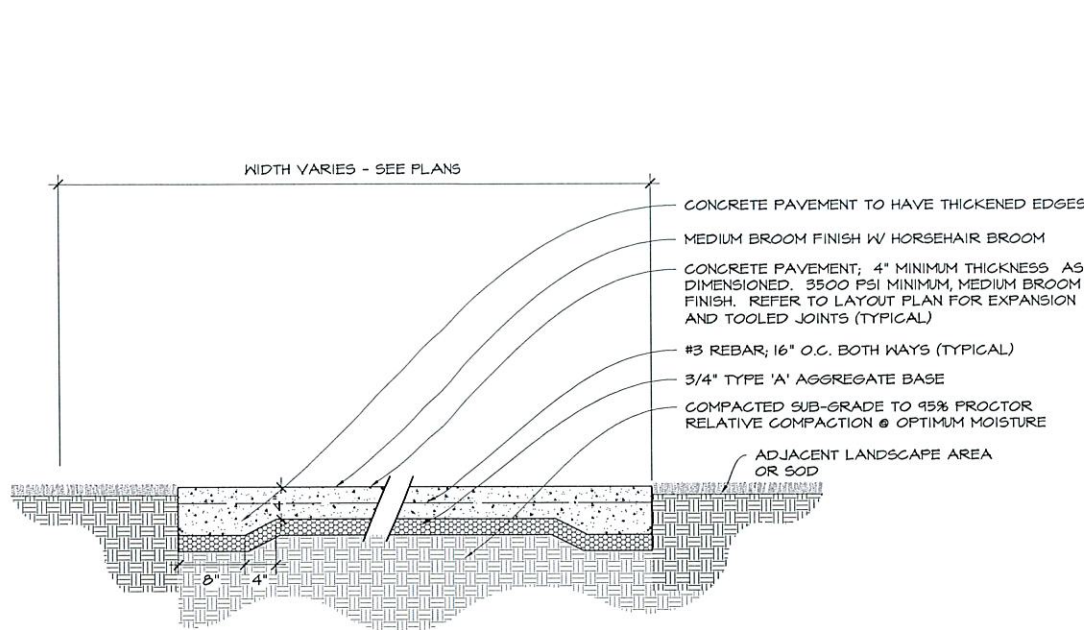
PROJECT NUMBER: PR 25-6-R



DRAWN	MDC	PROJ. MGR.	1/30
DESIGNED		CDS MGR.	2/26
SURVEY		FIELD MGR.	2/26

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

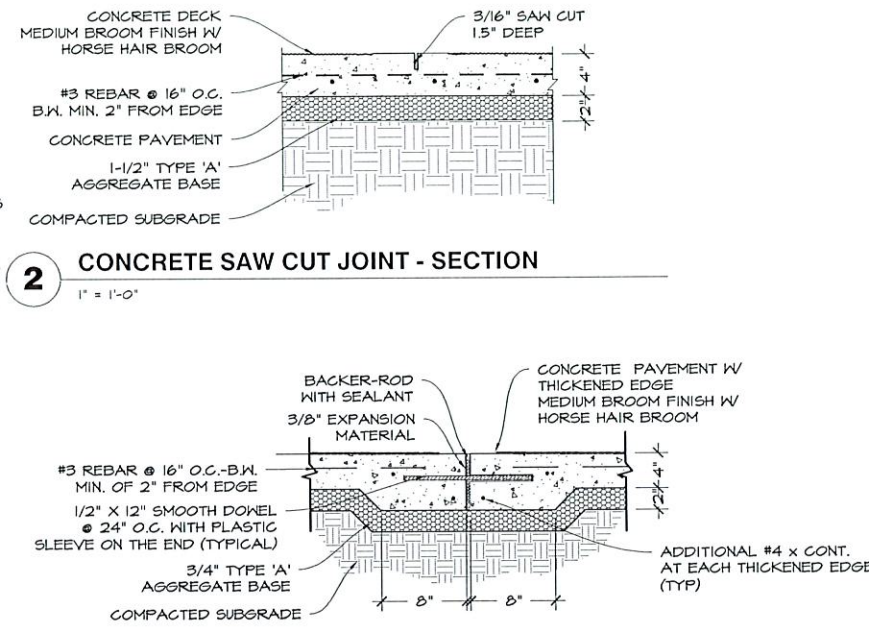
SHEET NAME:
OVERALL UTILITY PLAN
SHEET NO:
UT-1



1 PEDESTRIAN CONCRETE PAVING - SECTION

1" = 1'-0"

P-2024-LE6-04



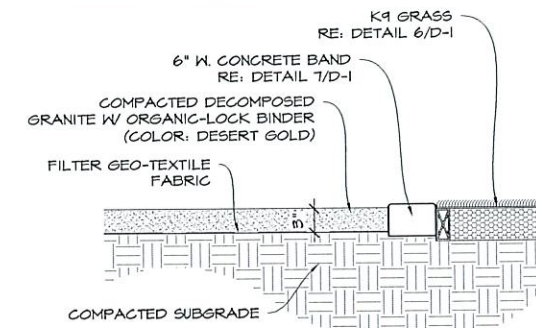
2 CONCRETE SAW CUT JOINT - SECTION

1" = 1'-0"

3 PEDESTRIAN EXPANSION JOINT (TYP) - SECTION

1" = 1'-0"

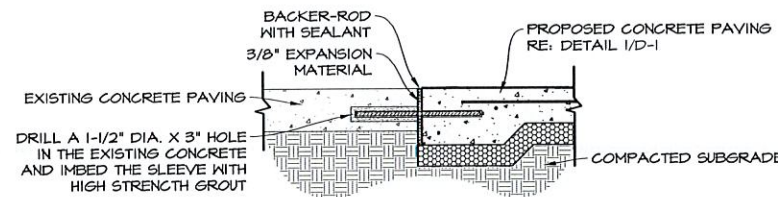
- NOTES:
1. DECOMPOSED GRANITE SHALL BE DESERT GOLD AT (3/8" MINUS).
 2. BINDER SHALL BE USED IN ALL DECOMPOSED GRANITE APPLICATIONS AND SHALL BE PRE-MIXED W/ BINDER OFF SITE BY THE SUPPLIER.
 3. BINDER SHALL BE ORGANIC-LOCK BINDER, NON-TOXIC ORGANIC BINDER THAT IS A COLORLESS AND ODORLESS CONCENTRATED POWDER THAT BINDS DECOMPOSED GRANITE TO PRODUCE A FIRM SURFACE.
 4. DECOMPOSED GRANITE TO BE WET & COMPACTED TO A 90% PROCTOR DENSITY.
 5. BINDER AND FABRIC TO BE FIGURED INTO THE UNIT COST OF DECOMPOSED GRANITE
 6. DECOMPOSED GRANITE TO TAPER DOWN TO NATURAL GRADE AT BASE OF EXISTING TREE TRUNKS.



4 DECOMPOSED GRANITE - SECTION

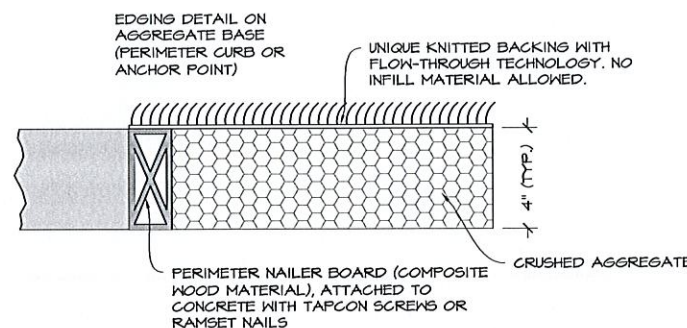
1" = 1'-0"

P-2024-LE6-56



5 CONCRETE JOINT AT EXISTING PAVING - SECTION

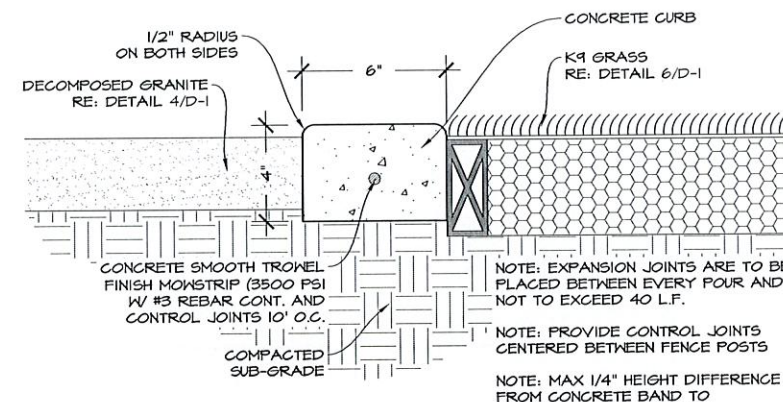
1" = 1'-0"



6 K9 GRASS (PERIMETER CONCRETE EDGE) - SECTION

NOT TO SCALE

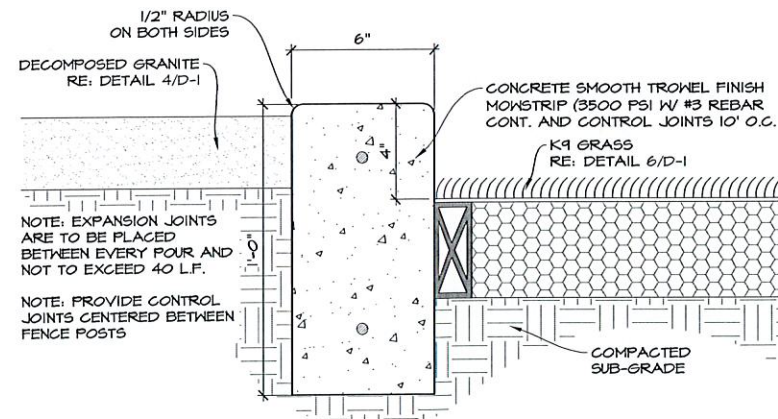
P-2024-LE6-60



7 6" W. CONCRETE BAND - SECTION

3" = 1'-0"

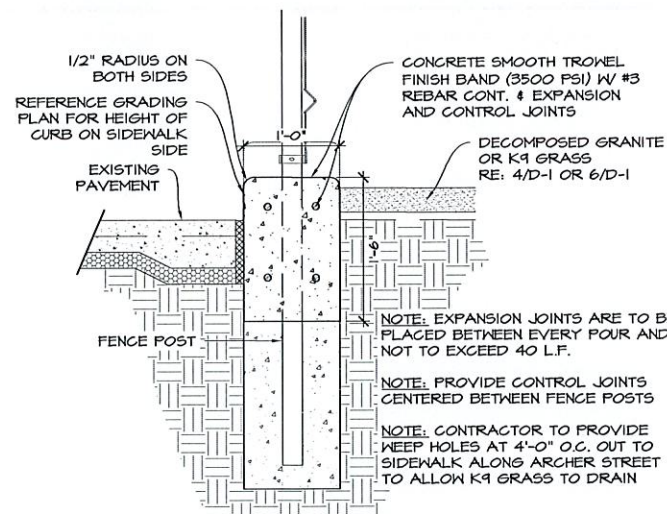
P-2024-LE6-102



8 6" W. RAISED CONCRETE BAND - SECTION

3" = 1'-0"

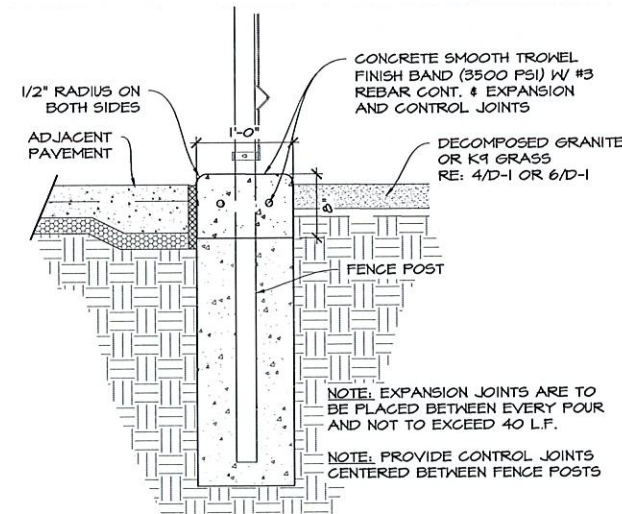
P-2024-LE6-112



9 1'-0" W. RAISED CONCRETE BAND - SECTION

1" = 1'-0"

P-2024-LE6-111



10 1'-0" W. CONCRETE BAND - SECTION

1" = 1'-0"

P-2024-LE6-113

PRODUCT INFORMATION

ARTIFICIAL TURF

-K9 GRASS CLASSIC+

FOREVER LAWN TULSA
REP: ROSS SPENCER
PH: (214) 405-3096
WEB: WWW.TULSAFOREVERLAWN.COM

DECOMPOSED GRANITE

-DESERT GOLD SCREENINGS

HARDSCAPE MATERIALS
PH: (918) 369-1170
WEB: WWW.HARDSCAPEMATERIALS.COM

SEAT STONES

-18" HT. X 2' W. X 2' L.
-OKLAHOMA SANDSTONE BLOCKS

BLUEBIRD STONE
PH: (918) 647-7161
WEB: WWW.BLUEBIRDSTONE.COM

*ALL COLORS FOR PRODUCTS TO BE FINALIZED AND SELECTED DURING SUBMITTAL PROCESS

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LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

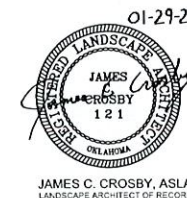


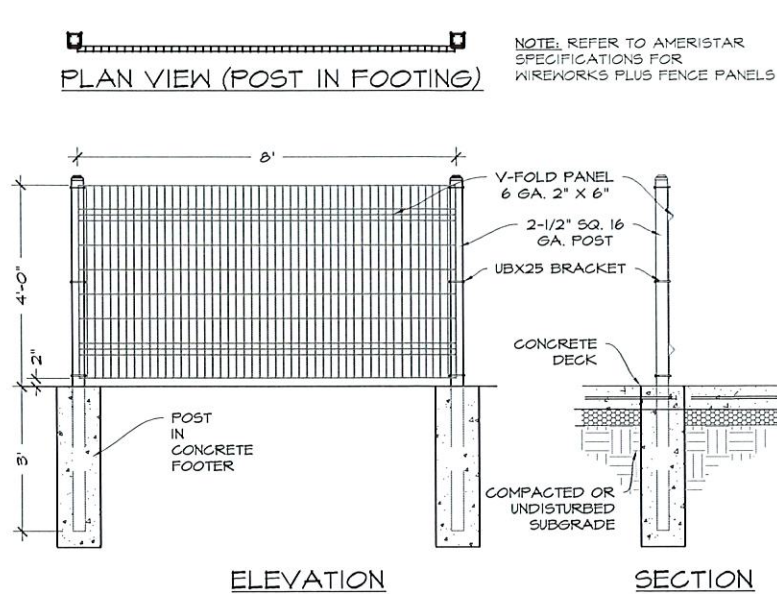
DRAWN	MDC	PROJ. MGR.	SI	1/30
DESIGNED		CDS MGR.	WW	2/26
SURVEY		FIELD MGR.	FW	2/26

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

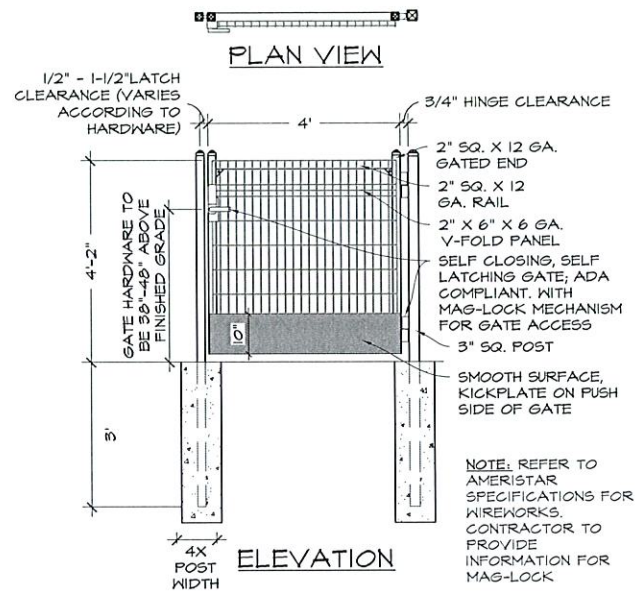
CONSTRUCTION DETAILS

SHEET NO.	D-1
SHEET 13 OF 22	PDG PROJECT # 24-43

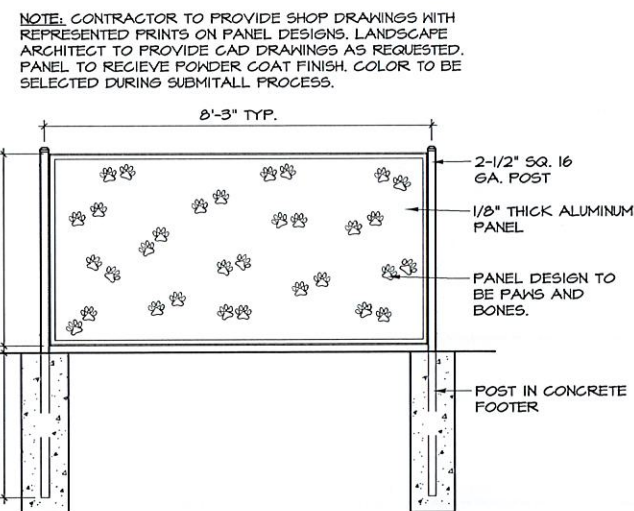




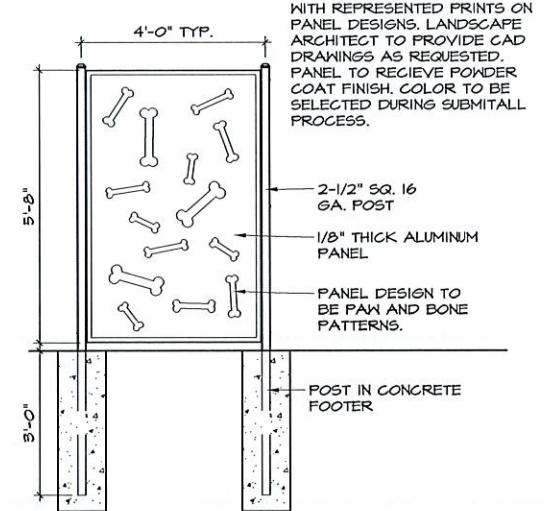
1 4' HT. AMERISTAR WIREWORKS PLUS STEEL FENCE - DETAIL
1/2" = 1'-0" P-2024-LE6-21



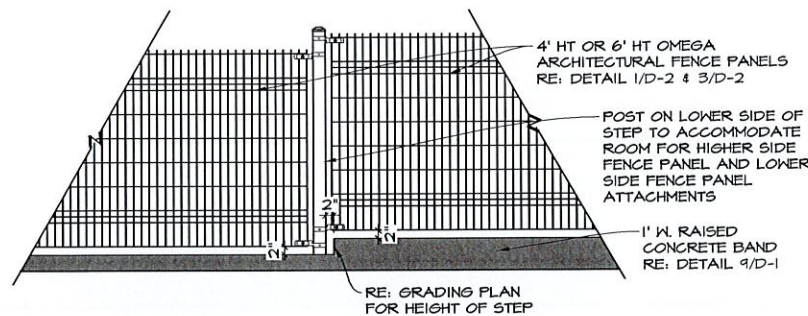
2 4' HT. WIREWORKS GATE - DETAIL
1/2" = 1'-0" P-2024-LE6-22



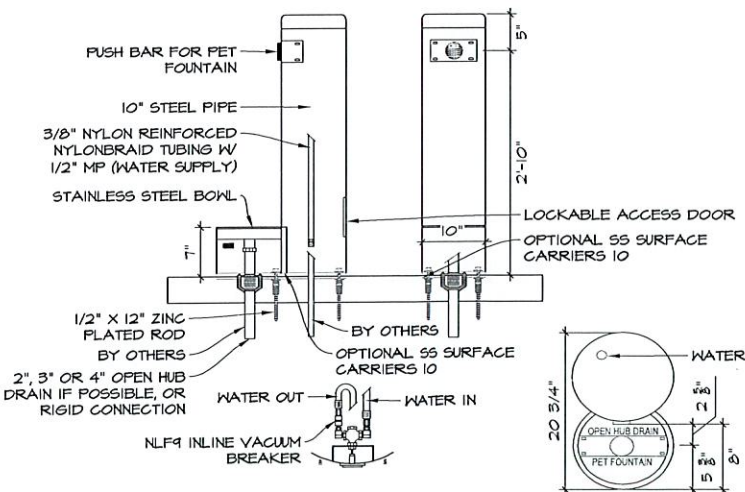
5 HORIZONTAL GRAPHIC PANEL - ELEVATION
1/2" = 1'-0"



6 VERTICAL GRAPHIC PANEL - ELEVATION
1/2" = 1'-0"

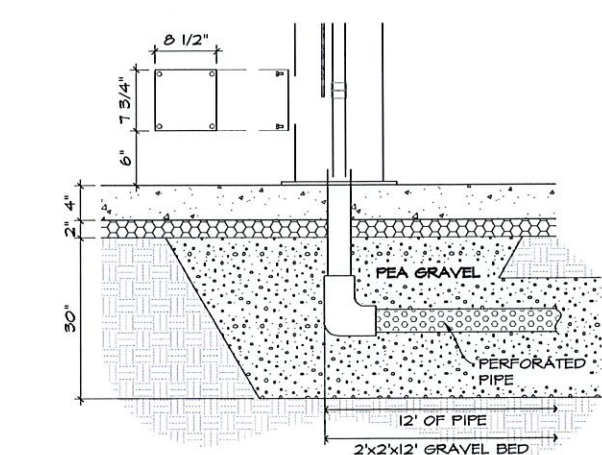


7 STEP IN FENCE BAND - ELEVATION
1/2" = 1'-0"

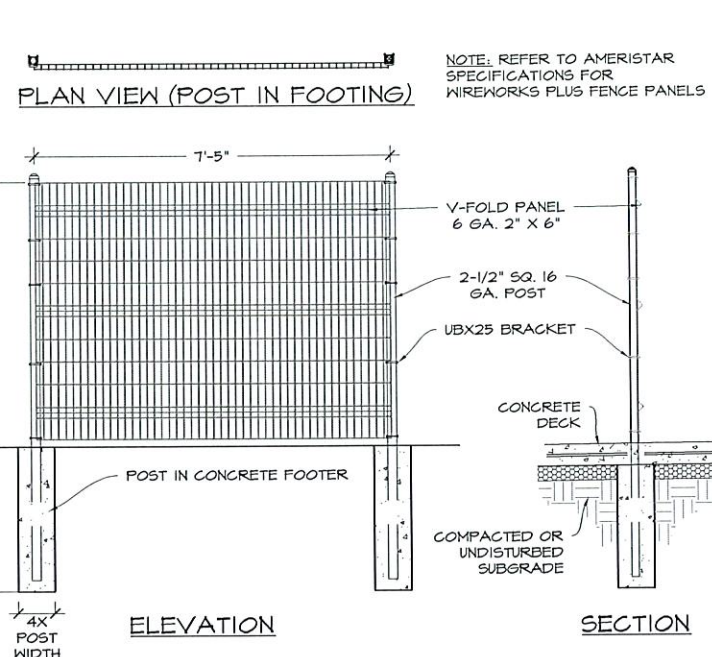


8 DOG WATER STATION - DETAIL
3/8" = 1'-0"

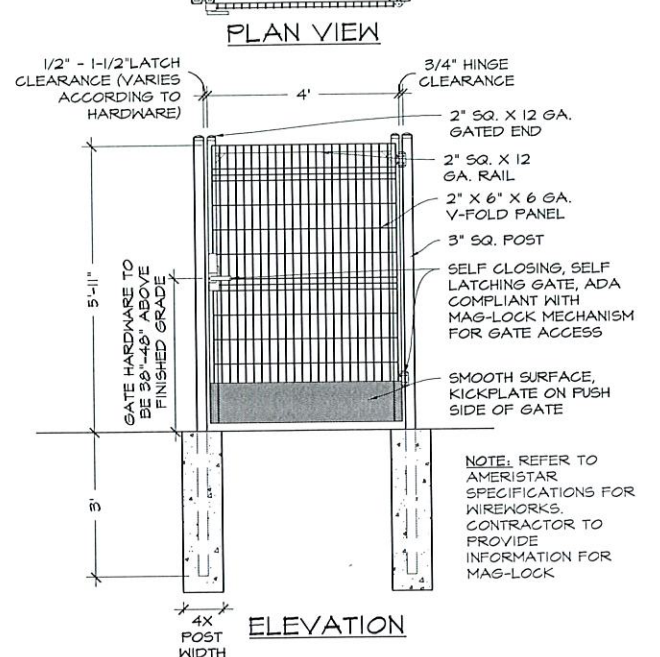
NOTES:
1. PET FOUNTAIN IS PROVIDED WITH AN IN-LINE VACUUM BREAKER, PLUS A 1 GPM FLOW RESTRICTOR.
2. OPTIONAL STAINLESS STEEL SURFACE CARRIER RECOMMENDED.
3. SHOWN WITH STAINLESS STEEL SURFACE CARRIER TEMPLATE 10.
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
5. DO NOT SCALE DRAWING.
6. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
7. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
8. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT WWW.CADDDETAILS.COM/INFO AND ENTER REFERENCE NUMBER 3354-9.1.



9 DOG WATER STATION GRAVEL BED - DETAIL
NOT TO SCALE



3 6' HT. AMERISTAR WIREWORKS PLUS STEEL FENCE - DETAILS
1/2" = 1'-0" P-2024-LE6-33



4 6' HT. WIREWORKS GATE - DETAIL
1/2" = 1'-0" P-2024-LE6-34

PRODUCT INFORMATION

FENCE
-4' HT. WIREWORKS FENCE & GATE SYSTEM
-6' HT. WIREWORKS FENCE & GATE SYSTEM
COLOR: BLACK

AMERISTAR PERIMETER
(888) 333-3422
WEB: WWW.AMERISTARPERIMETER.COM

DOG WASTE STATION
-COMPLETE DOG WASTE STATION SINGLE-FULL

DOG-ON-IT-PARKS
PH: (877) 348-3647
WEB: WWW.DOG-ON-IT-PARKS.COM

DOG WATER STATION
-300 SM
REP: BLUE
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS
PH: (901) 867-0039
WEB: WWW.MOSTDEPENDABLE.COM

***ALL COLORS FOR PRODUCTS TO BE FINALIZED AND SELECTED DURING SUBMITTAL PROCESS**

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PLANNING DESIGN GROUP

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LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

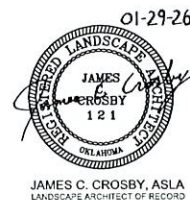


DRAWN	MDC	PROJ. MGR.	BL	1/30
DESIGNED		CDS MGR.	MW	2/26
SURVEY		FIELD MGR.	True	2/26

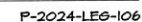
ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

SHEET NAME:
CONSTRUCTION DETAILS

SHEET NO:
D-2



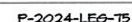
JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT OF RECORD



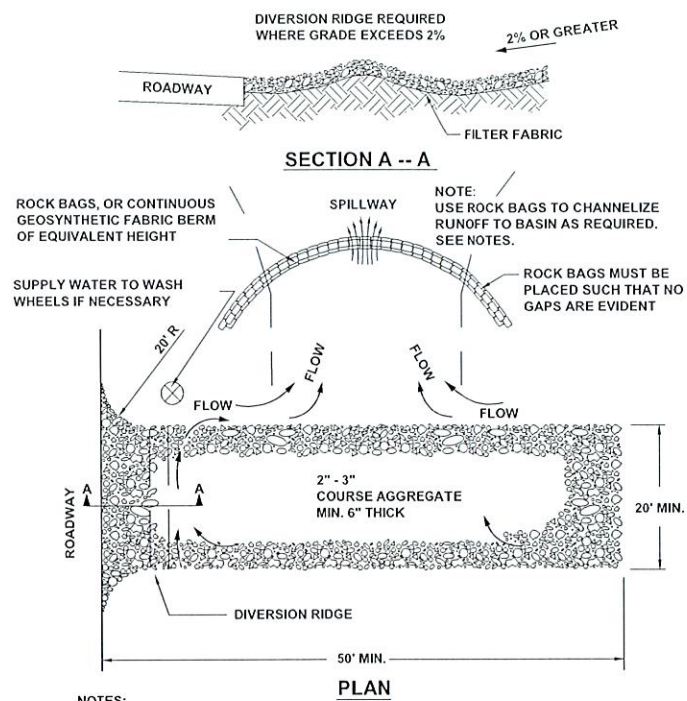
NOTE: SPACE VARIOUS SIZES OF HORIZONTAL
BOARDS IN RANDOM INTERVALS



1. SIZE, 14"x10"
2. AVERAGE TEXT SIZE 2 1/32"
3. MATERIAL, .055" POLYTHENE PLASTIC
4. MOUNTING, FOUR 1/32" HOLES (#10 OR 3/16" SCREW RECOMMENDED)
5. CORNER RADIUS, 1/4"
6. ATTACH WITH ZIP TIE TO TREE PROTECTION FENCE 50' O.C. (MIN. ONE SIGN PER TREE).
7. SIGN TO BE PLACED SO THAT IT IS VISIBLE FROM MOST PROMINENT CONSTRUCTION ACTIVITY.



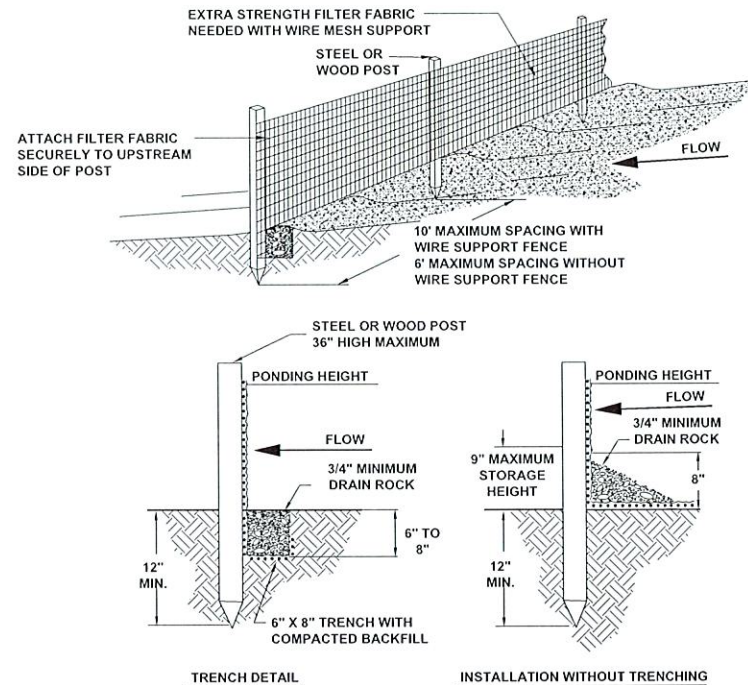
JAMES C. CROSBY, ASLA



- NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 4. ROCK BAGS OR SANDBAGS SHALL BE PLACED SUCH THAT NO GAPS ARE EVIDENT. SEE NOTES ERO-03.

1 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

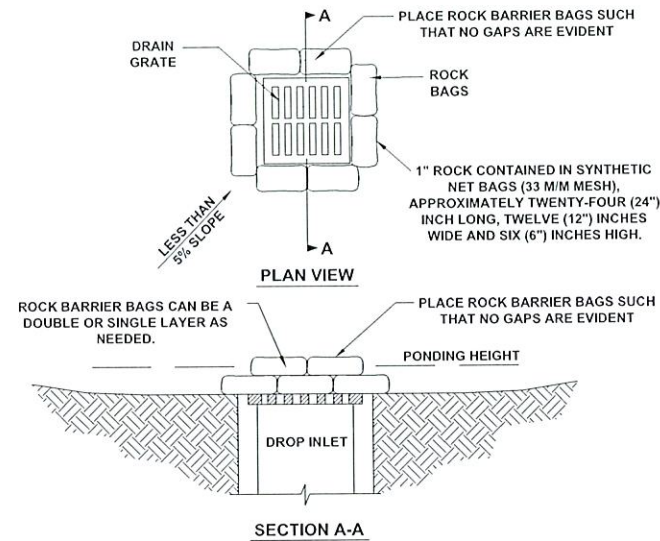
SCALE: NTS



- NOTES:
1. MUST BE INSTALLED PROPERLY TO AVOID NOTICE OF VIOLATION.
 2. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE POUNDING EFFICIENCY.
 3. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY. 9" MAXIMUM RECOMMENDED STORAGE HEIGHT.
 4. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE TO SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.

2 FILTER FABRIC SILT FENCE

SCALE: NTS



- NOTES:
1. DROP INLET SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%.)
 2. A "REASONABLE" DESIGN SIZE PARTICLE TO CAPTURE MUST BE SELECTED.
 3. SIZE DISTRIBUTION OF UPSTREAM SOIL PARTICLES MUST BE EVALUATED.
 4. INFLOW AND OUTFLOW FROM THE SYSTEM FOR A SPECIFIC FREQUENCY STORM MUST BE KNOWN.
 5. POND VOLUME IS DIRECTLY PROPORTIONAL TO THE DISCHARGE RATE OF WATER FROM THE SYSTEM.
 6. POND VOLUME IS INVERSELY PROPORTIONAL TO THE MASS OF THE DESIGN SIZE SUSPENDED PARTICLE.
 7. A SYSTEM MUST PROVIDE SUFFICIENT FLOW TO ALLOW FOR DEPOSITION OF DESIGN SIZE PARTICLES.
 8. THE PONDING HEIGHT MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BYPASSING THE INLET. A TEMPORARY DIKE MAY BE NECESSARY ON THE DOWNSLOPE SIDE OF THE STRUCTURE.

3 ROCK BAG INLET SEDIMENT BAG

SCALE: NTS

Temporary Erosion Control

SMALL GRAINS SUCH AS OATS, RYE, WHEAT, SUDANS AND SORGHUMS ARE THE MOST FEASIBLE TEMPORARY VEGETATION TO CONTROL EROSION. THE PRACTICE IS EFFECTIVE FOR AREAS WHERE THE SOIL IS LEFT EXPOSED FOR A PERIOD OF 6 TO 12 MONTHS. THE TIME PERIOD MAY BE SHORTER DURING PERIODS OF EROSION RAINFALL.

1. PRIOR TO SEEDING, NEEDED EROSION CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, BERMS, DIKES, ETC., SHALL BE INSTALLED.
2. TEMPORARY VEGETATIVE PRACTICES SHALL CONFORM TO BEST MANAGEMENT PRACTICES FOR CONSTRUCTION SITES AS ESTABLISHED BY EPA.
3. IF THE AREA TO BE SEEDDED HAS BEEN RECENTLY LOOSENEED TO THE EXTENT THAT AN ADEQUATE SEEDBED EXISTS, NO ADDITIONAL TREATMENT IS REQUIRED. HOWEVER IF THE AREA TO BE SEEDDED IS PACKED, CRUSTED, AND/OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEED BY DISCING OR OTHER SUITABLE MEANS.
4. FERTILIZER SHALL BE APPLIED AT A RATE OF 600 POUNDS PER ACRE OR 15 POUNDS PER 1000 SQUARE FOOT USING 10-20-10 OR EQUAL.
5. SOILS KNOWN TO BE HIGHLY ACIDIC SHALL BE LIME TREATED.
6. SEEDING OPTIONS ARE AS FOLLOWS:

PLANT	QUANTITY PER ACRE	QUANTITY PER 1000 S.F.	PLANTING DATE	DEPTH
ANNUAL	40 LBS	0.90 LBS	09/15 TO 11/30	1/4 IN.
ELBON RYE	2 BU.	3.00 LBS	08/15 TO 11/30	2 IN.
WHEAT	2 BU.	3.00 LBS	08/15 TO 11/30	2 IN.
OATS	3 BU.	2.50 LBS	08/15 TO 11/30	2 IN.
SORGHUM	60 LBS	1.40 LBS	03/01 TO 09/15	2 IN.
SUDAN	40 LBS	0.90 LBS	04/01 TO 09/15	2 IN.

7. SEEDS SHALL BE DRILLED UNIFORMLY.
8. SEEDING IMPLEMENTS SHOULD BE USED AT RIGHT ANGLES TO THE GENERAL SLOPE TO MINIMIZE EROSION.
9. 1 TO 3 MONTHS AFTER PLANTING, THE SEEDDED SITE SHALL BE TOP DRESSED WITH 8 POUNDS PER 1000 SQUARE FEET OR 350 POUNDS PER ACRE OF 33-0-0.
10. AREAS WHICH DO NOT DEVELOP A SUFFICIENT COVER SHALL BE REPLANTED.
11. THE SEEDDED AREA SHALL BE WATERED WHEN FEASIBLE AND NEEDED.

Permanent Erosion Control

BERMUDA GRASS, KENTUCKY 31, TALL FESCUE AND WEEPING LOVEGRASS ARE SOME OF THE TYPES OF PERMANENT VEGETATION THAT MAY BE EFFECTIVELY USED TO CONTROL EROSION.

1. PRIOR TO SEEDING, NEEDED EROSION CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, BERMS, DIKES, ETC., SHALL BE INSTALLED.
2. THE SURFACE SHALL BE LOOSENEED EVENLY TO A DEPTH OF 2 TO 3 INCHES AND 10-20-10 FERTILIZER (10 POUNDS PER 1000 SQUARE FOOT OR 450 POUNDS PER ACRE) SHALL BE MIXED WITH THE LOOSENEED SURFACE SOIL BY DISCING OR OTHER SUITABLE MEANS.
3. SOILS KNOWN TO BE HIGHLY ACIDIC SHALL BE LIME TREATED.
4. SEEDING OPTIONS ARE AS FOLLOWS:

PLANT	QUANTITY PER ACRE	QUANTITY PER 1000 S.F.	PLANTING DATE	DEPTH
BERMUDA	10 LBS	0.25 LBS	04/01 TO 08/15	1/2 IN.
FESCUE	40 LBS	0.90 LBS	09/01 TO 11/01	1/2 IN.
LOVEGRASS	40 LBS	0.90 LBS	04/01 TO 06/30	1/2 IN.

5. SEEDS SHALL BE DRILLED UNIFORMLY.
6. SEEDING IMPLEMENTS SHOULD BE USED AT RIGHT ANGLES TO THE GENERAL SLOPE TO MINIMIZE EROSION.
7. MULCH SHALL BE USED WHERE NEEDED.
8. THE AREA SHALL BE WATERED DAILY OR AS OFTEN AS NECESSARY TO MAINTAIN ADEQUATE SOIL MOISTURE UNTIL THE PLANTS GROW 1/2 TO 1 INCH.

PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

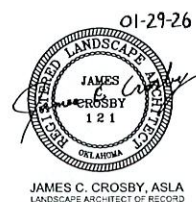


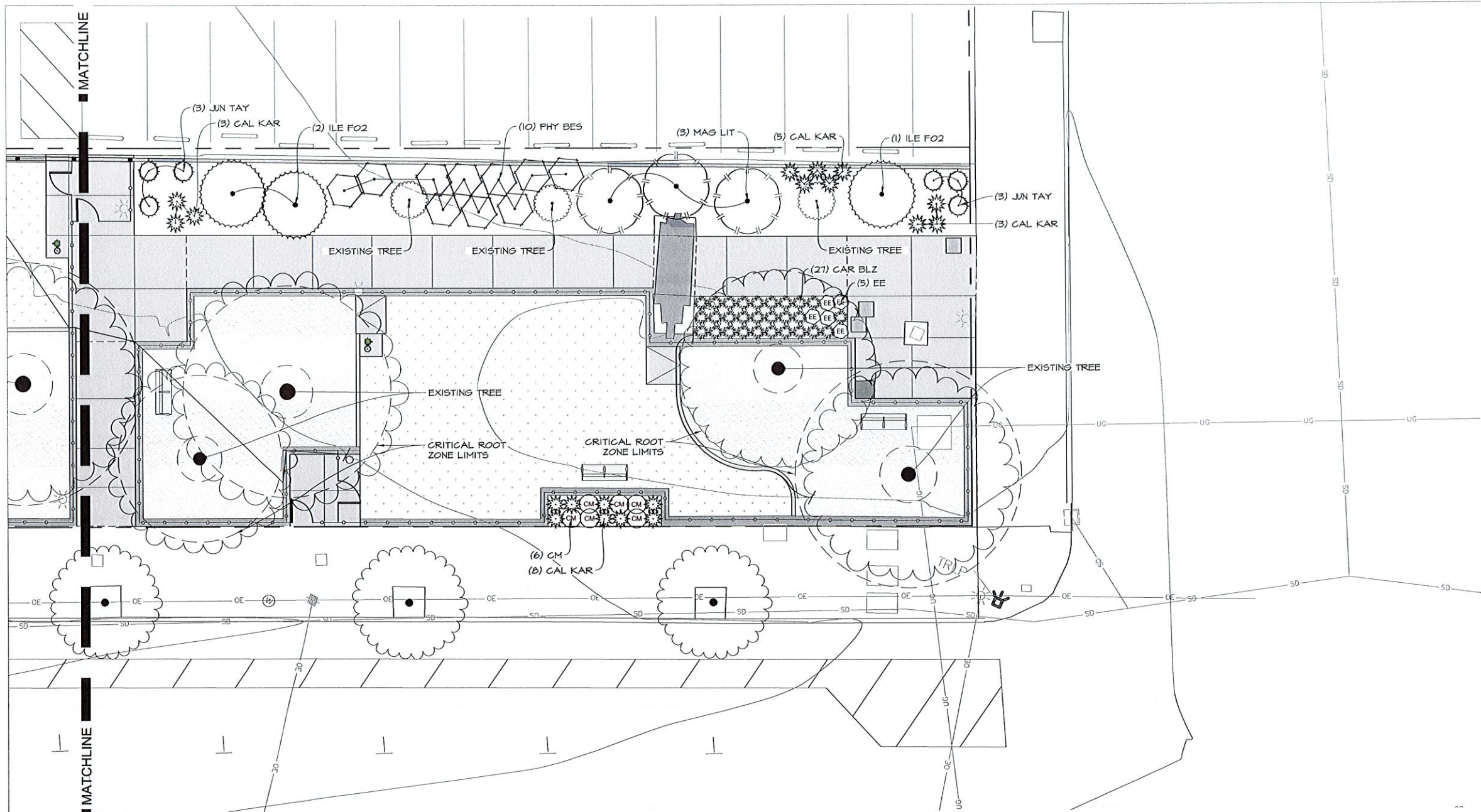
DRAWN	MDC	PROJ. MGR.	SL	1/30
DESIGNED		CDS MGR.	WW	2/26
SURVEY		FIELD MGR.	John Hite	

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

SHEET NAME:	
SHEET NO:	

CONSTRUCTION DETAILS	
D-4	





1 OVERALL SITE - PLAN VIEW
SCALE: 1/8" = 1'-0"

LANDSCAPE MATERIALS LIST					
Trees					
KEY	QUAN	MATERIAL NAME	SIZE/REMARK	TYPE	
ILE FO2	3	ILEX KATTENUATA 'FOSTER NO. 2'	5'-6" H., PER PLAN	30 GAL	
		FOSTER NO. 2 HOLLY			
MAG LIT	3	MAGNOLIA GRANDIFLORA 'LITTLE GEM'	5'-6" H., PER PLAN	30 GAL	
		LITTLE GEM DWARF SOUTHERN MAGNOLIA			
JUN TAY	6	JUNIPERUS VIRGINIANA 'TAYLOR'	6'-7" H., PER PLAN	30 GAL	
		TAYLOR JUNIPER			
Shrubs					
KEY	QUAN	MATERIAL NAME	SIZE/REMARK	TYPE	
BOU BLO	30	BOUTELOUA GRACILIS 'BLONDE AMBITION'	8"-12" H., 28" O.C.	1 GAL	
		BLONDE AMBITION BLUE GRAMA			
CAL KAR	39	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	8"-12" H., 30" O.C.	1 GAL	
		KARL FOERSTER FEATHERFEED GRASS			
CAR BLZ	90	CAREX FLACCA 'BLUE ZINGER'	6"-10" H., 24" O.C.	1 GAL	
		BLUE ZINGER SEDGE			
CM	19	COREOPSIS X 'MERCURY RISING'	6"-10" H., 30" O.C.	1 GAL	
		BIG BANG 'MERCURY RISING' TICKSEED			
EE	17	ECHINACEA X 'PASTORAL'	8"-12" H., 24" O.C.	1 GAL	
		POMMOWS WILD BERRY CONEFLOWER			
PHY BES	10	PHYSCARPUS OPULIFOLIUS 'MONLO'	18"-24" H., 6" O.C.	5 GAL	
		DIABOLO 9 NINE BARK			
RF	26	RUDEBECKIA FULGIDA SULLIVANTII 'GOLDSTURM'	8"-12" H., 24" O.C.	1 GAL	
		GOLDSTURM CONEFLOWER			
Compost	262	Back to Nature	2 C.F.	1 BAG	
Mulch	175	Cedar Mulch	3 C.F.	1 BAG	
DEFINITIONS					
H=HEIGHT, S=SPREAD, CAL=CALIPER, O.C.=ON CENTER (Approximate), B&B=BALLED & BURLAPPED, GAL=GALLON, PER PLAN=SPACED PER PLAN					
GENERAL NOTES					
THE MATERIAL LIST IS PROVIDED FOR THE CONTRACTOR'S CONVENIENCE. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR FIGURING ALL QUANTITIES FROM THE PLANTING PLAN AND COVERAGES FOR ALL BED AREAS. WHEN DISCREPANCIES OCCUR BETWEEN THE MATERIAL LIST AND THE PLANTING PLAN, THE PLANTING PLAN SUPERSEDES THE MATERIAL LIST IN ALL CASES. THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR ALL PLANTS AND COVERAGE OF BED AREAS ON THE PLANTING PLAN.					

PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

**LEGACY PARK
IMPROVEMENTS**

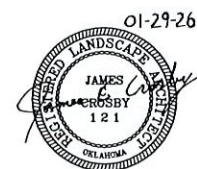
LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



DRAWN	MDC	PROJ. MGR.	SL	1/30
DESIGNED		CDS MGR.	WV	2/26
SURVEY		FIELD MGR.	AW	2/26

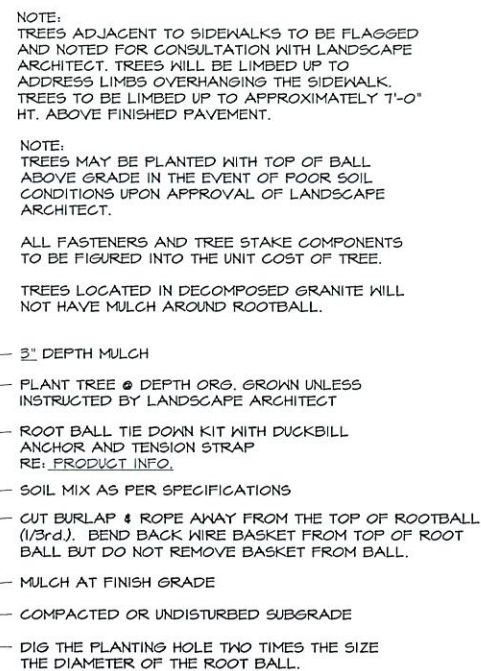
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BID SET	PDG	01/29/26



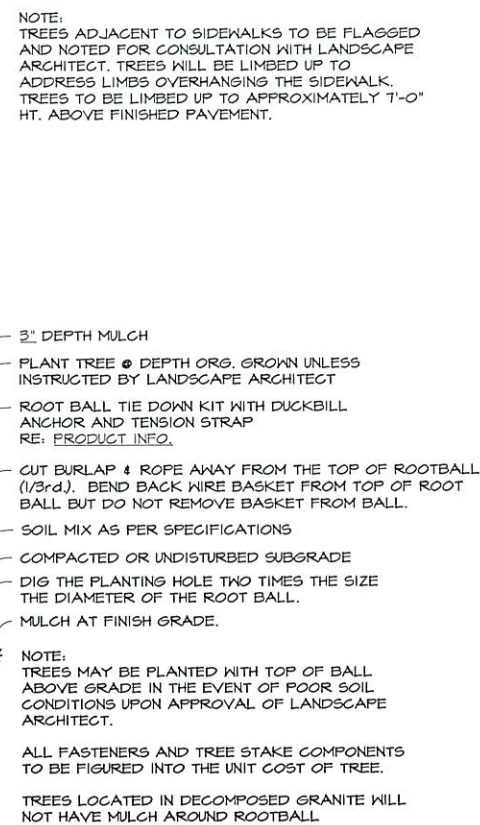
JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT OF RECORD

EAST-SIDE LANDSCAPE PLAN

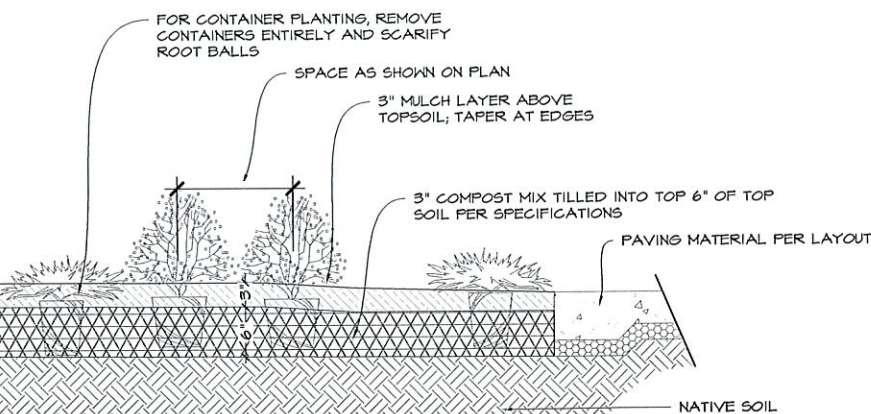
SHEET NO:
LS-2



1 CONI
1" = 1'-0"



2 DEC 11 1988



③

1. CONTRACTOR TO MAKE PLANT MATERIAL ADJUSTMENTS TO MEET SITE CONDITIONS AFTER PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNER.
2. OUTLINE ALL PLANTING BEDS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH BED PREPARATION.
3. STAKE ALL TREE LOCATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO DIGGING TREE PITS.
4. REMOVE ALL WEEDS AND GRASSES FROM PLANTING BEDS. IF BERMUDA GRASS IS PRESENT, IT SHALL BE ERADICATED BY APPROVED MEANS.
5. WITHIN APPROVED BED AREAS, PREPARE SOIL BY ROTO-TILLING THREE INCHES (3") OF COMPOST (BACK TO NATURE SOIL CONDITIONER) OVER THE ENTIRE BED AREA TO A DEPTH OF SIX INCHES (6").
6. ALL VEGETATION MUST BE PLANTED IN SUCH A MANNER THAT SIGHT DISTANCE TRIANGLES ARE NOT OBSTRUCTED.
7. SPREAD AN EVEN THREE INCHES (3") LAYER OF MULCH OVER THE ENTIRE PLANTING BED AND WITHIN ALL TREE HELLS. ON ALL TREES THE TOP SIX INCHES (6") OF BACKFILL SHALL CONSIST OF A 1:1 MIXTURE OF COMPOST TO SOIL.
8. ALL TREES SHALL BE TIED DOWN WITH DUCKBILL ROOTBALL ANCHOR SYSTEM AS PER DETAIL.
9. APPLY OSMOTIC AT A RATE OF 1/2 POUND PER TREE AND 1 POUND PER 100 SQUARE FEET TO SHRUB AND GROUNDCOVER PLANTING BEDS.
10. FOR LANDSCAPE ONE-YEAR WARRANTY REFER TO SECTION 324300 SECTION 1.06 WARRANTY PERIOD AND REPLACEMENT.

DUCKBILL ROOTBALL KIT
-2" CAL. DIA. - MODEL 40 RBK KIT
-3" CAL. DIA. - MODEL 68 RBK KIT

MPS CIVIL PRODUCTS
PH: 1-800-325-5260
WEB: WWW.EARTHANCHOR.COM

01-29-20

REGISTERED LANDSCAPE ARCHITECT
JAMES C. CROSBY
121
OKLAHOMA

JAMES C. CROSBY, ASLA
LANDSCAPE ARCHITECT FEE RECORD

ROTOR HEADS FOR CLEANING AND COOLING ARTIFICIAL TURF AND DECOMPOSED GRANITE AREAS SHOULD BE ADJUSTED TO PROVIDE SUPPLEMENTAL WATER FOR TREES. DECREASE RADIUS WHERE EVER NEEDED SO AS NOT TO OVER SPRAY CONCRETE AREAS.

IRRIGATION CONTROLLER WITH RAIN/FREEZE SENSOR PROVIDE 110v OUTLET COORDINATE EXACT LOCATION WITH OWNERS REP.

3" POTABLE WATER LINE FOR DRINKING FOUNTAINS AND HOSE BIBS TO BE INSTALLED BY PLUMBER.

BACKFLOW PREVENTER IN A LOCKING STEEL CABINET PROVIDE 110v OUTLET FOR HEAT TAPE COORDINATE EXACT LOCATION WITH OWNERS REP.

EXISTING 3/4" WATER METER

DRAWN HERE FOR CLARITY ONLY, ALL PIPE ARE TO BE INSTALL IN THE SAME TRENCH TO AVOID ELECTRICAL CABINET.

EXISTING TREE'S CRITICAL ROOT ZONES (CRTs) ARE TO BE PROTECTED. IF THEY MUST BE ENCROACHED UPON ONLY HAND DIGGING AND TUNNELING WILL BE PERMITTED. APPROPRIATE TECHNIQUES IS AT THE DISCRETION OF THE THE CITY OF TULSA PARKS DEPARTMENT. CHECK WITH THE CITY'S REPRESENTATIVE PRIOR TO ANY TRENCHING THROUGH CRZs.



DATE SIGNED: 12/15/2025



Irrigation Design & Consulting LLC
Email: contact@irrigatorplan.com
Website: www.irrigatorplan.com
Phone: (918) 215-4103

IRRIGATION SCHEDULE		
SYMBOL	MANUFACTURER MODEL DESCRIPTION	QTY
	Rain Bird 1812-FRS-U15 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Size and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, W/In Pressure Regulating Device.	3
	Rain Bird 1812-FRS-U9 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Size and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, W/In Pressure Regulating Device.	2
	Rain Bird 1812-FRS-U10 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Size and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, W/In Pressure Regulating Device.	15
	Rain Bird 1812-FRS-U12 Series Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Size and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, W/In Pressure Regulating Device.	12
	Rain Bird 1812-FRS-5 Series MPR Shrub Spray 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Size and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, W/In Pressure Regulating Device.	8
SYMBOL	MANUFACTURER MODEL DESCRIPTION	QTY
	Rain Bird 5004-PL-PC-R-MPR 25 Turf Rotor, 4in. Pop-Up, Plastic Riser, with Flow Shut-Off Device, Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol, 25 ft=red, 30 ft=green, 35ft=ce. ge. With In-Stem Pressure Regulator.	10
	Rain Bird 5004-PL-PC-R-MPR 30 Turf Rotor, 4in. Pop-Up, Plastic Riser, with Flow Shut-Off Device, Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol, 25 ft=red, 30 ft=green, 35ft=ce. ge. With In-Stem Pressure Regulator.	4
	Rain Bird 5004-PL-PC-R-MPR 35 Turf Rotor, 4in. Pop-Up, Plastic Riser, with Flow Shut-Off Device, Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol, 25 ft=red, 30 ft=green, 35ft=ce. ge. With In-Stem Pressure Regulator.	5
SYMBOL	MANUFACTURER MODEL DESCRIPTION	QTY
	Rain Bird FEB 1" Plastic Industrial Remote Control Valve, Low Flow Operating Capable, Globe Configuration.	7
	Rain Bird 5-AMP 1" 1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Non-Potable Purple Rubber Cover, and 1-Piece Body.	2
	Drinking Fountain-Hose B/cb Drinking fountain and hose b/cb.	2
	3/4" Full Port Brass Ball Valve, Suitable for a full range of liquids and gases in residential and commercial applications.	1
	Zurn 975XL 1" Reduced Pressure Backflow device	1
	Rain Bird ESPRIMO2-LXM1 12 Station Traditionally-Wired, Commercial Controller, Indoor/Outdoor, Plastic Wall-Mount Enclosure. Install in LXM1 Powder Coated, Metal Wall-Mounted Cabinet.	1
	Rain Bird WR2-RFC Wireless Rain and Freeze Sensor Combo, includes 1 receiver and 1 rain/freeze sensor transmitter.	1
	Water Meter 3/4"	1
	Irrigation Lateral Line: PVC Class 200 SDR 21 3/4"	1,133 lf
	Irrigation Lateral Line: PVC Class 200 SDR 21 1"	8.0 lf
	Irrigation Mainline: PVC Schedule 40 1"	332.5 lf
	Potable Water Line: PVC Schedule 40 3/4" Water line to the drinking fountains and hose bibs. To be installed by plumber.	211.1 lf
	Pipe Sleeve: PVC Class 200 SDR 21 4"	105.9 lf



1 WEST END LAYOUT - PLAN VIEW

SCALE: 1"= 10'-0"



GENERAL NOTES

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- FLOW RATES ARE ESTIMATED AND AS SUCH WILL VARY IF ALTERATIONS ARE MADE BY CONTRACTOR.
- INSTALL CONTRACTOR WILL ASSUME ALL RESPONSIBILITY FOR FLOW, PIPE SIZING HYDRAULIC CALCULATIONS, INSTALL, ADJUSTMENTS AND WARRANTIES.
- CONTRACTOR IS RESPONSIBLE FOR PROPER NOZZLE ADJUSTMENT SO AS NOT TO OVER SPRAY OR WATER ANY SIDEWALKS, PARKING AREAS, OR ANY OTHER NON PERVIOUS AREAS.
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- CONTRACTOR SHALL CAREFULLY VERIFY A MINIMUM DYNAMIC WATER PRESSURE OF 85psi WITH A FLOW OF 15gpm AT THE WATER METER LOCATION PRIOR TO INSTALLATION. CONTRACTOR SHALL NOTIFY ARCHITECT IF WATER PRESSURE IS LESS THAN OR SIGNIFICANTLY HIGHER THAN NOTED.
- CONTRACTOR WILL COORDINATE EXACT LOCATIONS OF WATER METER, BACK FLOW PREVENTER, CONTROLLER AND CLIMATE SENSORS WITH THE ARCHITECT AND GENERAL CONTRACTOR.
- WHEN TRENCHING UNDER THE DRIP LINE OF EXISTING TREES EXTREME CARE MUST BE GIVEN TO AVOID ROOT DAMAGE. IF AT ALL POSSIBLE AVOID TRENCHING INSIDE THE DRIP LINE BY GOING AROUND THE TREE RATHER THAN UNDER IT. IF TRENCHING MUST OCCUR UNDER THE DRIP LINE, USE EITHER TUNNELING OR HAND-DIGGING METHODS RATHER MECHANICAL TRENCHER. MINIMIZE THE IMPACTS OF ROOT SEVERING BY AVOIDING CONSTRUCTION DURING HOT, DRY WEATHER, KEEPING TREES WELL WATERED BEFORE AND AFTER DIGGING AND COVERING ROOTS WITH SOIL OR MULCH AS SOON AS POSSIBLE.
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- GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROPER LOCATION AND SIZING OF SLEEVES BEFORE CONSTRUCTION BEGINS.

CRITICAL ANALYSIS

Generated: 2025-07-22 18:59

P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE
Water Meter Size: 3/4"
Flow Available: 13.33 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 87 PSI
Elevation Change: 5.00 ft
Service Line Size: 3/4"
Length of Service Line: 20 ft
Pressure Available: 81 PSI

DESIGN ANALYSIS
Maximum Station Flow: 11.23 GPM
Flow Available at POC: 13.33 GPM
Residual Flow Available: 2.1 GPM

Critical Station: 2
Design Pressure: 35 PSI
Friction Loss: 0.59 PSI
Fittings Loss: 0.06 PSI
Elevation Loss: 0 PSI
Loss through Valve: 1.8 PSI
Pressure Req. at Critical Station: 37.4 PSI
Loss for Fittings: 0.77 PSI
Loss for Main Line: 7.66 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 11.6 PSI
Loss for Water Meter: 1.54 PSI
Critical Station Pressure at POC: 59.0 PSI
Pressure Available: 81 PSI
Residual Pressure Available: 22.0 PSI

PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



CITY EXPERIENCE

DRAWN	MCM	PROJ. MGR.	SL	1/30
DESIGNED	MCM	CDS MGR.	WV	2/26
SURVEY		FIELD MGR.	SL	2/26

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

SHEET NAME:

WEST-SIDE IRRIGATION PLAN

SHEET NO:

IRR-1

SHEET 20 OF 22

PDG PROJECT #: 24-43

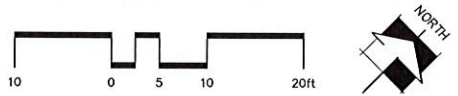
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



DRAWN HERE FOR CLARITY ONLY, ALL PIPE AND EQUIPMENT ARE TO BE INSTALL IN LANDSCAPE AREA

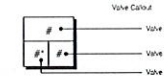
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14. GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROPER LOCATION AND SIZING OF SLEEVES BEFORE CONSTRUCTION BEGINS.



IRRIGATION SCHEDULE		
SYMBOL	MANUFACTURER/MODEL DESCRIPTION	QTY
	Rain Bird 1512-PRS-U15 15' Strip Series Shrub Spray, 1/2in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet. With Pressure-Regulating Device.	9
	Rain Bird 1512-PRS-U18 Series Shrub Spray, 1/2in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet. With Pressure-Regulating Device.	2
	Rain Bird 1812-PRS-U10 U10 Series Shrub Spray, 1/2in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet. With Pressure-Regulating Device.	15
	Rain Bird 1812-PRS-U12 U12 Series Shrub Spray, 1/2in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet. With Pressure-Regulating Device.	12
	Rain Bird 1812-PRS 5 Series MPR Shrub Spray, 1/2in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet. With Pressure-Regulating Device.	9
SYMBOL	MANUFACTURER/MODEL DESCRIPTION	QTY
	Rain Bird 5904-FLC-RC-MPR 25 Turf Rotor, 4in. Pop-Up, Plastic Rotor, with Flow Shut-Off Device, Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol, 25 ft R=30, 30 ft R=green, 35 ft=beige, With In-Stream Pressure Regulator.	10
	Rain Bird 5904-FLC-RC-MPR 30 Turf Rotor, 4in. Pop-Up, Plastic Rotor, with Flow Shut-Off Device, Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol, 25 ft R=30, 30 ft R=green, 35 ft=beige, With In-Stream Pressure Regulator.	4
	Rain Bird 5904-FLC-RC-MPR 35 Turf Rotor, 4in. Pop-Up, Plastic Rotor, with Flow Shut-Off Device, Matched Precipitation Rotor (MPR Nozzle), Arc and Radius as per Symbol, 25 ft R=30, 30 ft R=green, 35 ft=beige, With In-Stream Pressure Regulator.	5
SYMBOL	MANUFACTURER/MODEL DESCRIPTION	QTY
	Rain Bird PEB 1 Plastic Industrial Remote Control Valve. Low Flow Operating Capability, Globe Configuration.	7
	Rain Bird 5-CP 1 1in. Brass Quick-Coupling Valve, with Corps or Resistant Stainless Steel Spring, Locking Non-Portable Purple Rubber Cover, and 1-Piece Body.	2
	Drinking Fountain-Hose Bibb Drinking Fountain and hose bibb.	2
	3/4" Full Port Brass Ball Valve. Suitable for a full range of liquids and gases in residential and commercial applications.	1
	Zurn 975XL 1 Reduced Pressure Backflow device	1
	Rain Bird ESPLM2-LXMM 12 Station In-Line Ignally-Wired, Commercial Controller, Indoor/Outdoor, Plastic Walk-Mount Enclosure. Install in LXMM Powder Coated, Metal Walk-Mounted Cabinet.	1
	Rain Bird WR2-RFC Wireless Rain and Freeze Sensor Combo, includes 1 receiver and 1 rain/freeze sensor transmitter.	1
	Water Meter 3/4"	1
=====	Irrigation Lateral Line: PVC Class 200 SDR 21 3/4"	1,133.1 f
=====	Irrigation Lateral Line: PVC Class 200 SDR 21 1"	8.0 f
=====	Irrigation Mainline: PVC Schedule 40 1"	332.5 f
=====	Portable Water Line: PVC Schedule 40 3/4"	211.1 f
=====	Water Line to the drinking fountains and hose bibs. To be installed by plumber.	
=====	Pipe Sleeve: PVC Class 200 SDR 21 4"	105.9 f



5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

[illegible]

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

SHEET NO: **IRR-2** SHEET 21 OF 22

SHEET 21 OF 22

CRITICAL ANALYSIS

Generated: 2025-04-30 11:55

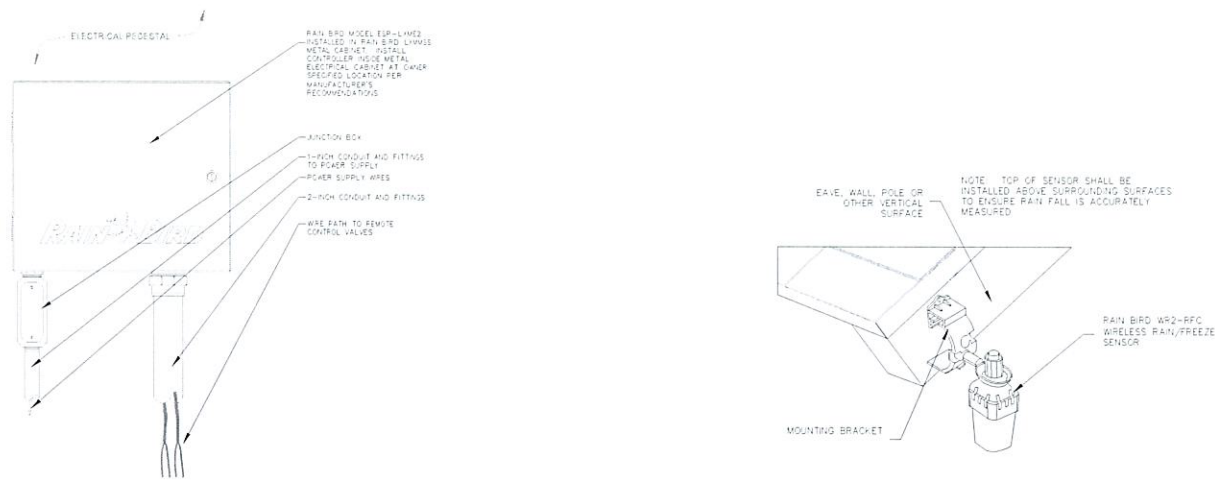
P.O.C. NUMBER: 01
Water Source Information

FLOW AVAILABLE
Water Meter Size: 3/4"
Flow Available 13.33 GPM

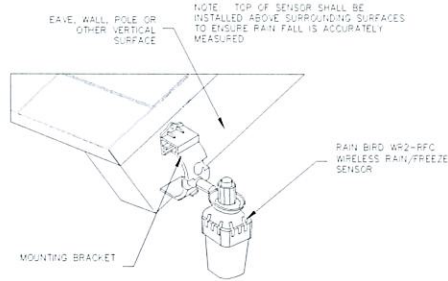
PRESSURE AVAILABLE	
Static Pressure at POC:	87 PSI
Elevation Change:	5.00 ft
Service Line Size:	3/4"
Length of Service Line:	20 ft
Pressure Available:	81 PSI

DESIGN ANALYSIS	
Maximum Station Flow:	11.48 GPM
Flow Available at POC:	13.33 GPM
Residual Flow Available:	1.85 GPM

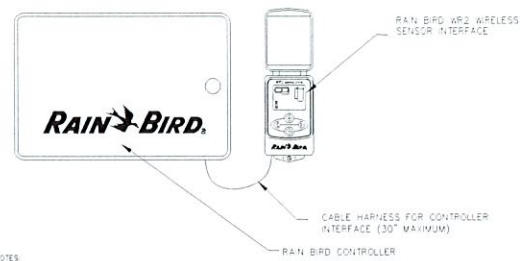
Design Pressure:	35 PSI
Friction Loss:	0.48 PSI
Fittings Loss:	0.05 PSI
Elevation Loss:	0 PSI
Loss through Valve:	1.83 PSI
Pressure Req. at Critical Station:	37.4 PSI
Loss for Fittings:	0.82 PSI
Loss for Main Line:	8.22 PSI
Loss for POC to Valve Elevation:	0 PSI
Loss for Backflow:	11.6 PSI
Loss for Water Meter:	1.68 PSI
Critical Station Pressure at POC:	59.7 PSI
Pressure Available:	81 PSI
Residual Pressure Available:	21.3 PSI



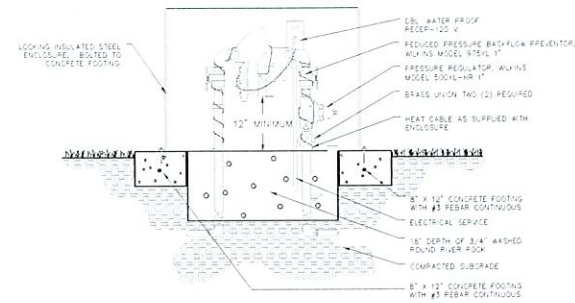
1 RAIN BIRD ESP-LXME2 CONTROLLER ASSEMBLY - TYPICAL SECTION
NOT TO SCALE



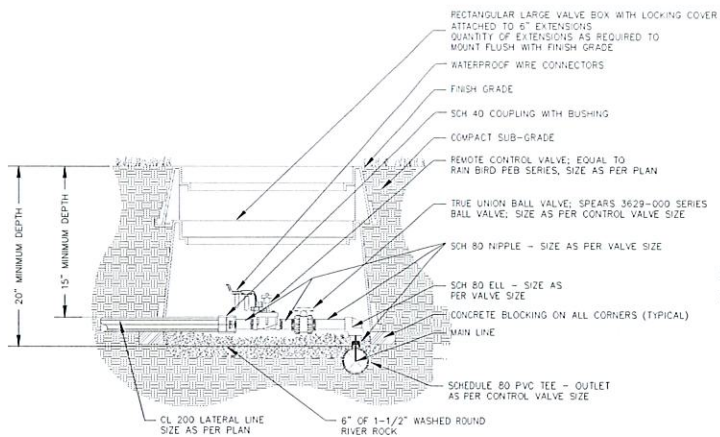
2 WIRELESS REMOTE RAIN-FREEZE SENSOR INSTALLATION - TYPICAL SECTION
NOT TO SCALE



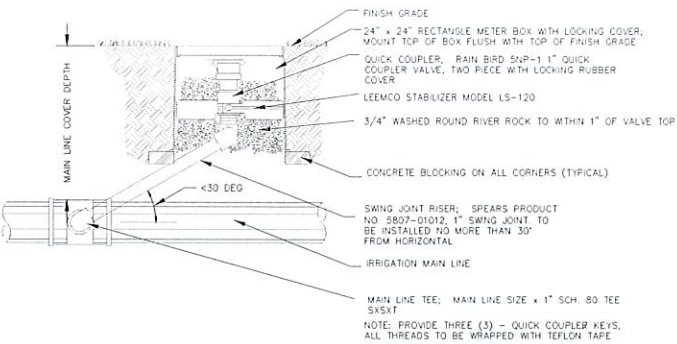
3 WIRELESS REMOTE SENSOR CONTROLLER INTERFACE - TYPICAL SECTION
NOT TO SCALE



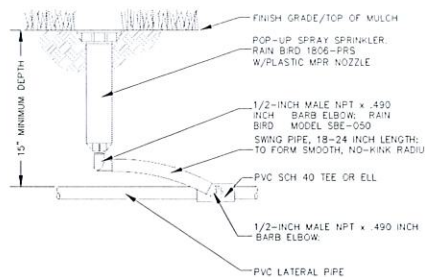
4 RPZ BACKFLOW PREVENTER WITH PRESSURE REGULATOR INSTALLATION - TYPICAL SECTION
NOT TO SCALE



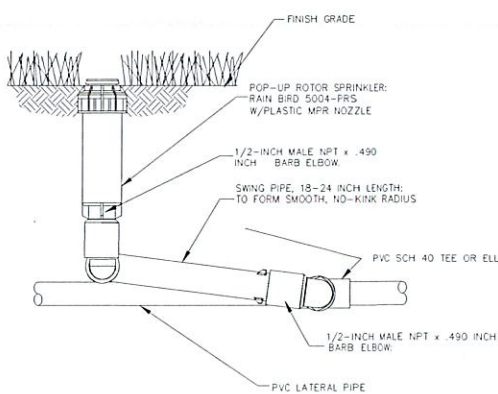
5 CONTROL VALVE ASSEMBLY-TYPICAL SECTION
NOT TO SCALE



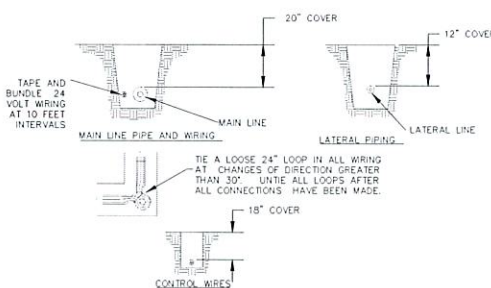
6 TYPICAL QUICK COUPLING VALVE SECTION
NOT TO SCALE



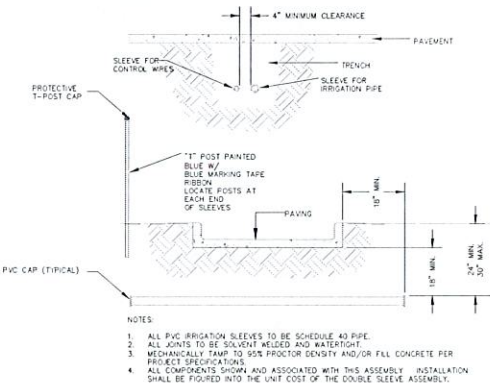
7 12\"/>



8 4\"/>



9 TYPICAL TRENCH SECTION
NOT TO SCALE



10 PIPE AND WIRE SLEEVES - TYPICAL DETAIL
NOT TO SCALE



PDG
PLANNING DESIGN GROUP

5314 S. YALE AVE., SUITE 510, TULSA, OK 74105

LEGACY PARK IMPROVEMENTS

LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R



CITY EXPERIENCE

DRAWN	MCM	PROJ. MGR.	SL	1/30
DESIGNED	MCM	CDS MGR.	mm	2/26
SURVEY		FIELD MGR.	slm	2/26

ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

SHEET NAME:
IRRIGATION DETAILS

SHEET NO:

IRR-3

SHEET 22 OF 22

PDG PROJECT #: 24-43