

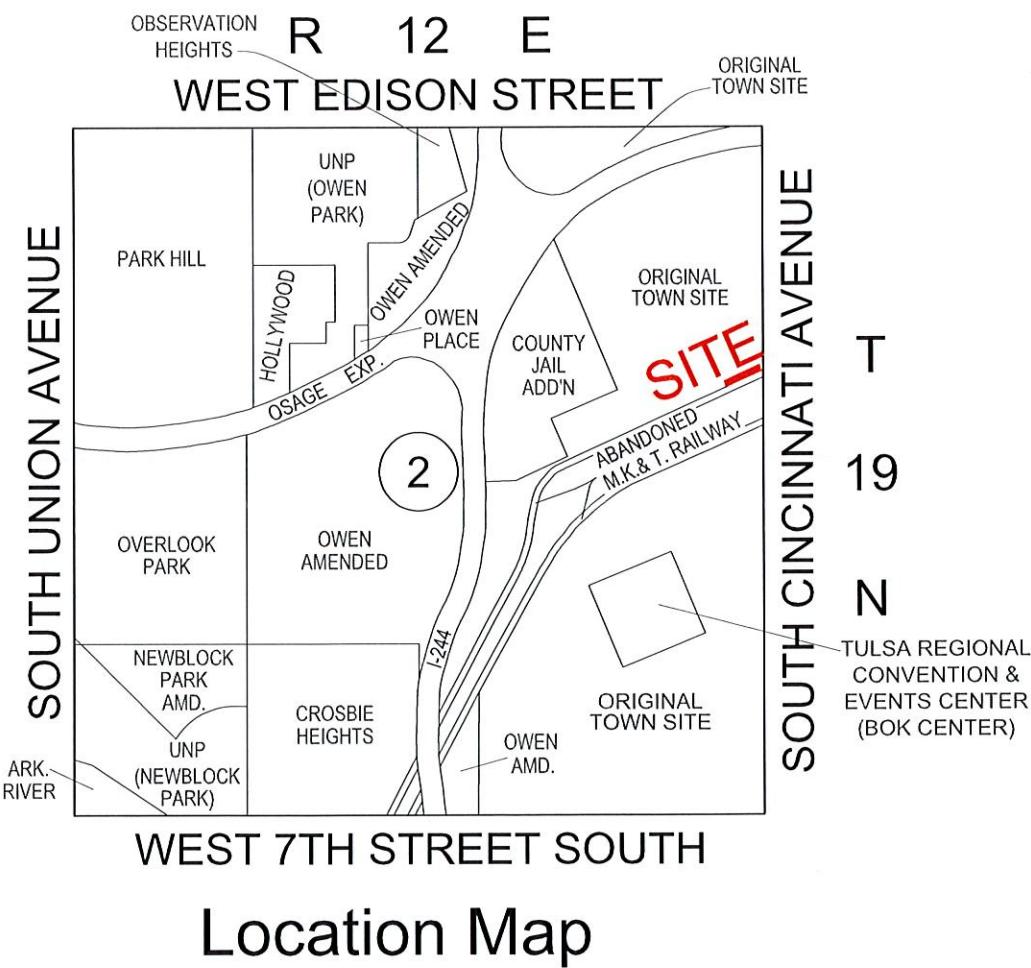
# CONSTRUCTION PLANS FOR LEGACY PARK IMPROVEMENTS

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

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	



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20	WEST-SIDE IRRIGATION PLAN	IRR 1
21	EAST-SIDE IRRIGATION PLAN	IRR 2
22	IRRIGATION DETAILS	IRR 3

## CLIENT

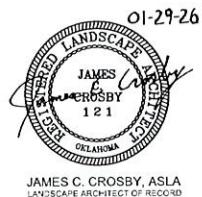


DOWNTOWN TULSA PARTNERSHIP  
321 S. BOSTON AVE, SUITE 104  
TULSA, OK 74103  
918-221-8615  
[www.downtowntulsa.com](http://www.downtowntulsa.com)

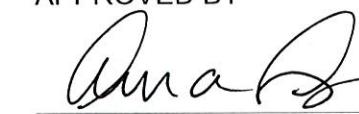
## LANDSCAPE ARCHITECT



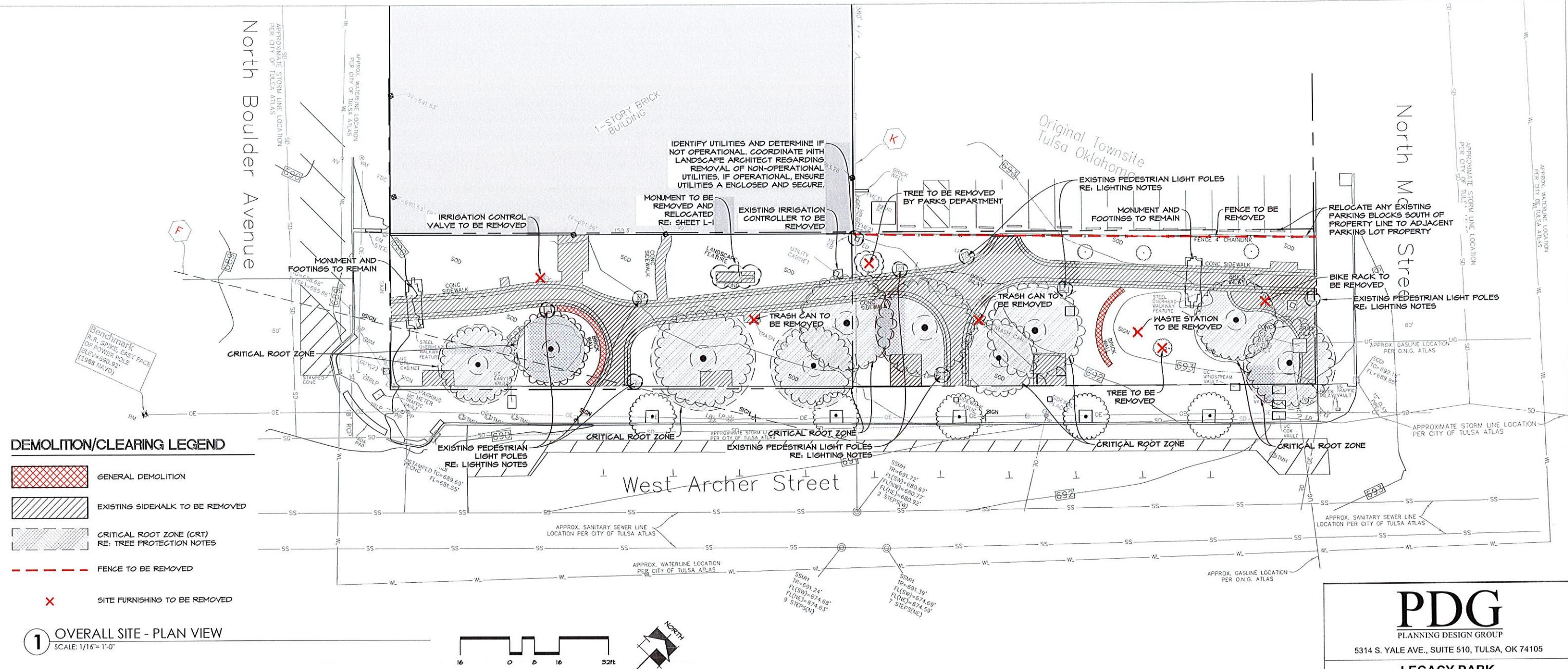
PLANNING DESIGN GROUP  
5314 S. YALE AVENUE, SUITE 510  
TULSA, OK 74105  
918-628-1255  
[www.planningdesigngroup.com](http://www.planningdesigngroup.com)



## APPROVED BY

 1/30/26  
DIRECTOR OF PARKS AND RECREATION DATE





#### 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

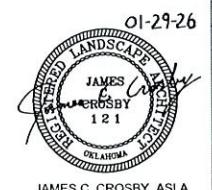
- CLEARING WILL CONSIST OF CLEARING AREAS WITHIN DESIGNATED LIMITS AS REQUIRED FOR SITE AND EXECUTION OF THE WORK. CLEARING WILL CONSIST OF FELLING AND CUTTING OF TREES, AND RUBBISH. SPECIMEN TREES LOCATED WITHIN THE GENERAL CLEARING LIMITS ARE TO REMAIN IN PLACE UNTIL REVIEWED BY LANDSCAPE ARCHITECT.
- GRUBBING WILL CONSIST OF THE REMOVAL AND DISPOSAL OF STUMPS, ROOTS LARGER THAN 3/4 INCHES IN DIAMETER, AND MATTED ROOTS FROM THE DESIGNED CLEARING AREAS. THIS MATERIAL TOGETHER WITH LOST 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 90% 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

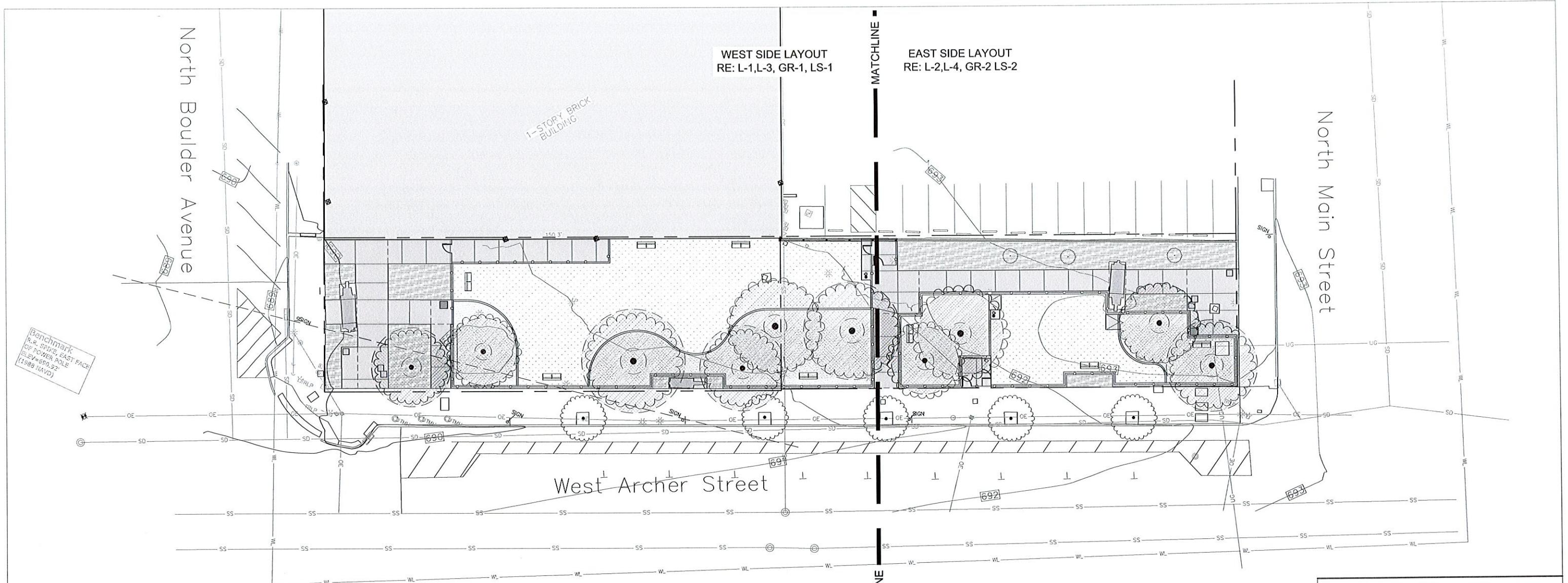
#### LEGACY PARK IMPROVEMENTS

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

PROJECT NUMBER: PR 25-6-R

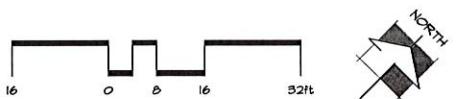


DRAWN	MDC	PROJ. MGR.	1/30
DESIGNED		CDS MGR.	TMN 2/1/26
SURVEY		FIELD MGR.	
ISSUE BLOCK		BY:	DATE:
BID SET		PDG	01/29/26
SHEET NAME:			
<b>DEMOLITION PLAN</b>			
SHEET NO:			
DEMO-1			



## 1 OVERALL SITE - PLAN VIEW

SCALE: 1/16" = 1'-0"



01-29-26



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

# PDG

PLANNING DESIGN GROUP

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

### LEGACY PARK IMPROVEMENTS

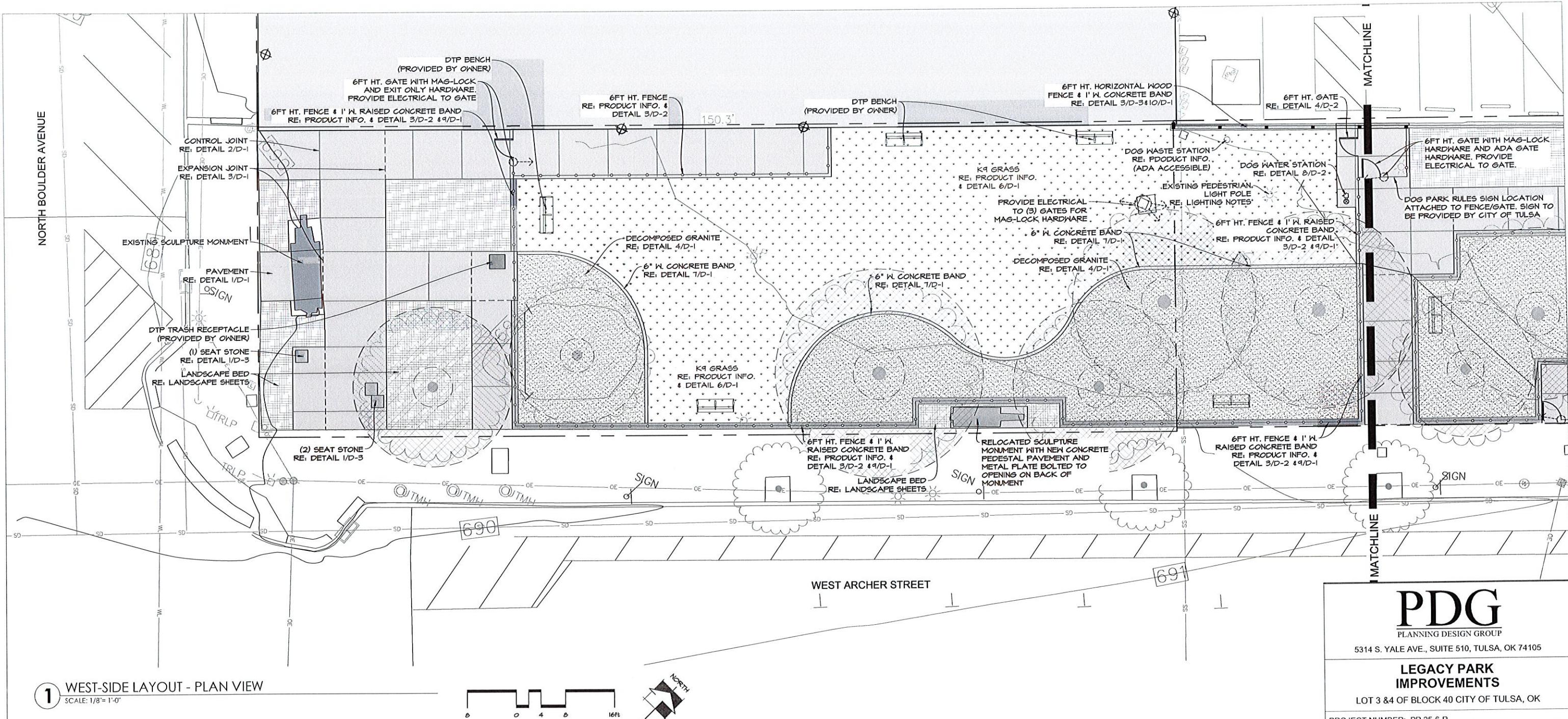
LOT 3 &4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PB 25-6-B



SHEET NAME:

SHEET NO:  
**SP 1**



**PDG**  
PLANNING DESIGN GROUP

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

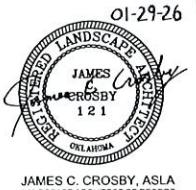
**LEGACY PARK  
IMPROVEMENTS**

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

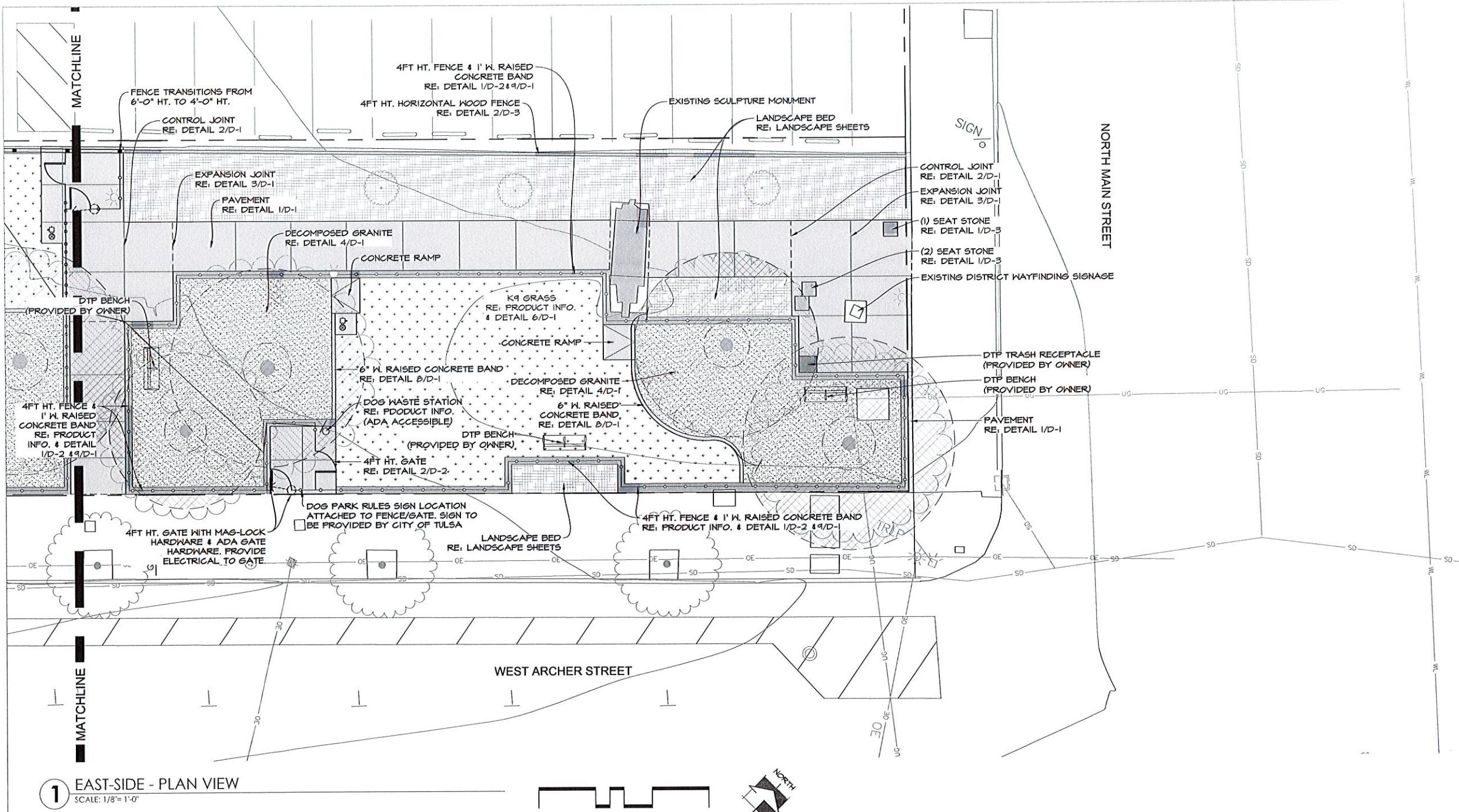
PROJECT NUMBER: PR 25-6-R



DRAWN	MDC	PROJ. MGR.	SL	1/30
DESIGNED		CDS MGR.	MM	2/26
SURVEY		FIELD MGR.	PM	2/26
ISSUE BLOCK				
BID SET		PDG	01/29/26	
SHEET NAME: WEST - SIDE LAYOUT PLAN				
SHEET NO: L-1				



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD



#### PRODUCT INFORMATION

**ARTIFICIAL TURF**  
-K9 GRASS CLASSIC+

FOREVER LAWN TULSA  
REP: ROSS SPENCER  
PH: (214) 405-3016  
WEB: [WWW.TULSATULSAFOREVERLAWN.COM](http://WWW.TULSATULSAFOREVERLAWN.COM)

**DECOMPOSED GRANITE**  
-DESERT GOLD SCREENINGS

HARDSCAPE MATERIALS  
PH: (918) 369-1110  
WEB: [WWW.HARDSCAPEMATERIALS.COM](http://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](http://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](http://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](http://WWW.DOG-ON-IT-PARKS.COM)

**DOG WATER STATION**  
-300 GPM  
COLOR: BLUE  
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS  
PH: (901) 861-0039  
WEB: [WWW.MOSTDEPENDABLE.COM](http://WWW.MOSTDEPENDABLE.COM)

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

#### 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.



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

SHEET NO:

L-2

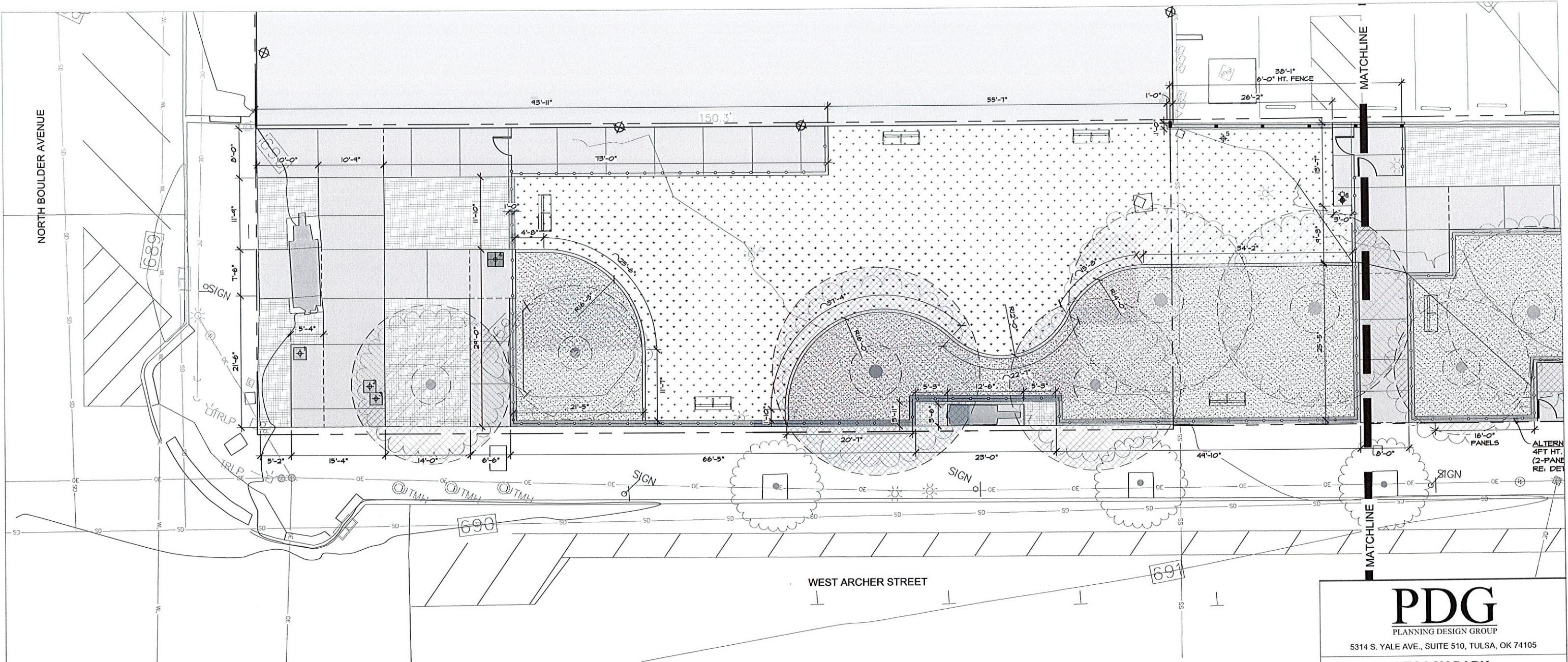
DATE:

01/29/26

BY:

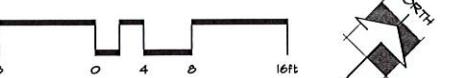
PDG

01/29/26



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) 405-3016  
WEB: [WWW.TULSATULSAFOREVERLAWN.COM](http://WWW.TULSATULSAFOREVERLAWN.COM)

**DECOMPOSED GRANITE**  
-DESERT GOLD SCREENINGS

**Hardscape Materials**  
PH: (918) 361-1110  
WEB: [WWW.HARDSCAPEMATERIALS.COM](http://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](http://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](http://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](http://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) 861-0039  
WEB: [WWW.MOSTDEPENDABLE.COM](http://WWW.MOSTDEPENDABLE.COM)

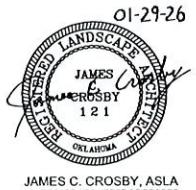
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AND SELECTED DURING SUBMITTAL PROCESS

#### NORTHING/EASTING POINT SCHEDULE

POINT	DESCRIPTION	NORTHING	EASTING
1	SEAT STONE	N 427322.104	E 2560566.044
2	SEAT STONE	N 427321.851	E 2560518.642
3	SEAT STONE	N 427320.431	E 2560580.381
4	TRASH RECEPTACLE (DTP PROVIDED)	N 427344.245	E 2560588.963
5	DOG WASTE STATION	N 427415.910	E 2560690.019
6	DOG WATER STATION	N 427414.614	E 2560711.431
7	DOG WATER STATION	N 427420.119	E 2560755.413
8	DOG WASTE STATION	N 427405.768	E 2560759.234
9	TRASH RECEPTACLE (DTP PROVIDED)	N 427442.345	E 2560817.640
10	SEAT STONE	N 427444.878	E 2560813.571
11	SEAT STONE	N 427452.113	E 2560813.459
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**  
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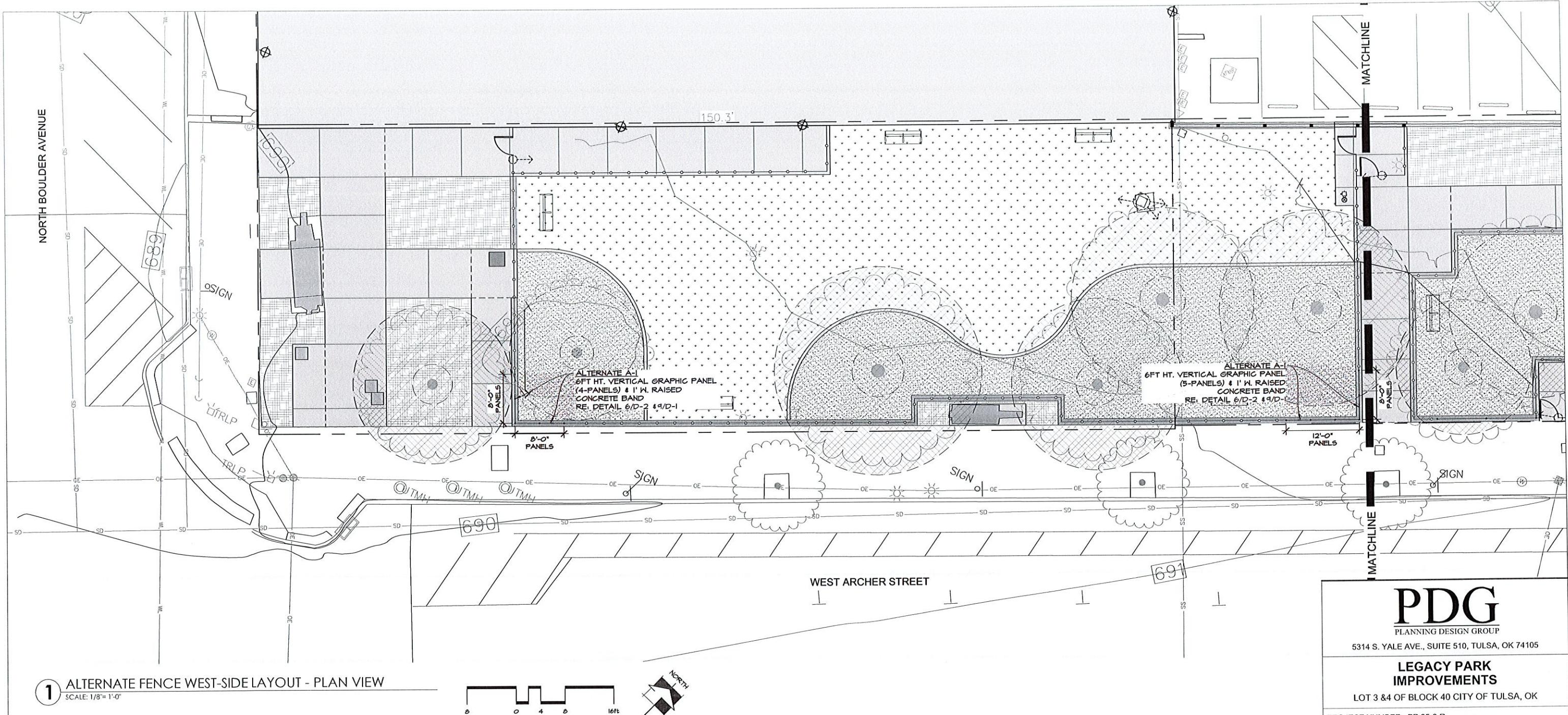
#### LEGACY PARK IMPROVEMENTS

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

PROJECT NUMBER: PR 25-6-R

CITY OF <b>TULSA</b>	DOWN TULSA PARTNERSHIP		
CITY EXPERIENCE			
DRAWN	MDC	PROJ. MGR.	SL
DESIGNED		CDS MGR.	MV
SURVEY		FIELD MGR.	2/26
ISSUE BLOCK		BY:	DATE:
BID SET		PDG	01/29/26
SHEET NAME: <b>WEST-SIDE LAYOUT DIMENSION PLAN</b>			
SHEET NO: <b>L-3</b>			





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) 405-3046  
WEB: [WWW.TULSAFOREVERLAWN.COM](http://WWW.TULSAFOREVERLAWN.COM)

**DECOMPOSED GRANITE**  
-DESERT GOLD SCREENINGS

HARDSCAPE MATERIALS  
PH: (918) 369-1170  
WEB: [WWW.HARDSCAPEMATERIALS.COM](http://WWW.HARDSCAPEMATERIALS.COM)

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

AMERISTAR PERIMETER  
(800) 333-3422  
WEB: [WWW.AMERISTARPERIMETER.COM](http://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](http://BLUE-BIRD-STONE.COM)

**DOG WASTE STATION**  
-COMPLETE DOG WASTE STATION SINGLE-PULL

DOG-ON-IT-PARKS  
PH: (871) 348-3647  
WEB: [WWW.DOG-ON-IT-PARKS.COM](http://WWW.DOG-ON-IT-PARKS.COM)

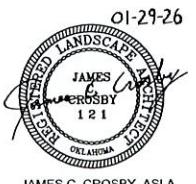
**DOG WATER STATION**  
-300 SM  
COLOR: BLUE  
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

MOST DEPENDABLE FOUNTAINS  
PH: (401) 861-0039  
WEB: [WWW.MOSTDEPENDABLE.COM](http://WWW.MOSTDEPENDABLE.COM)

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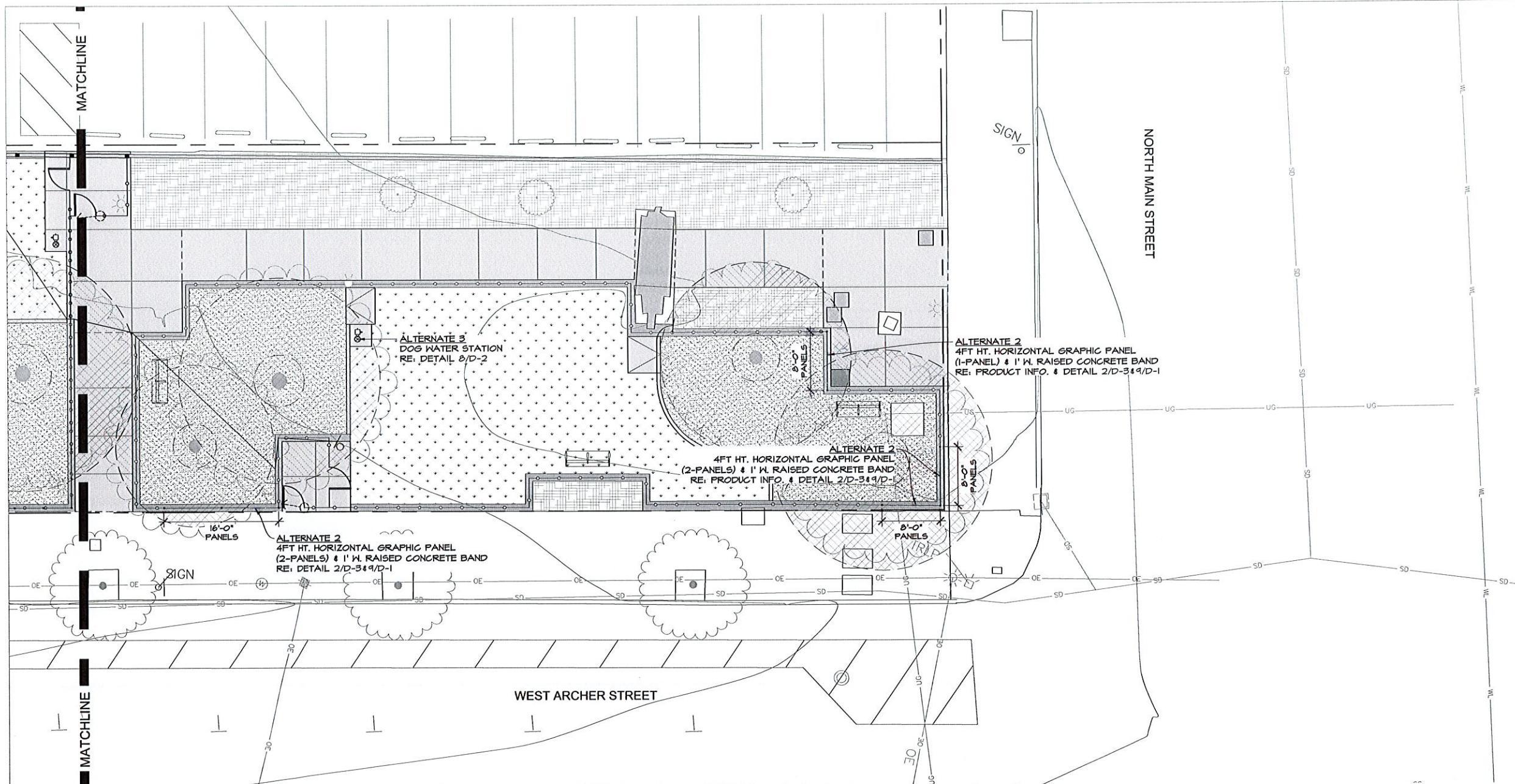


DRAWN	MDC	PROJ. MGR.	1/30 MV
DESIGNED		CDS MGR.	
SURVEY		FIELD MGR.	

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

SHEET NAME:	ALTERNATE WEST - SIDE LAYOUT PLAN	
SHEET NO.:	ALT-1	
	BY:	
	DATE:	

SHEET 8 OF 22  
PDG PROJECT #: 24-43



### 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  
PH: (214) 405-3096  
WEB: [WWW.FOREVERLAWN.COM](http://WWW.FOREVERLAWN.COM)

DECOMPOSED GRANITE  
-DESERT GOLD SCREENINGS

Hardscape Materials  
PH: (918) 369-1110  
WEB: [WWW.HARDSCAPEMATERIALS.COM](http://WWW.HARDSCAPEMATERIALS.COM)

FENCE  
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COLOR: BLACK

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WEB: [WWW.AMERISTARPERIMETER.COM](http://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](http://WWW.BLUE-BIRD-STONE.COM)

DOG WASTE STATION  
-COMPLETE DOG WASTE STATION SINGLE-FULL

DOG-ON-IT-PARKS  
PH: (871) 348-3641  
WEB: [WWW.DOG-ON-IT-PARKS.COM](http://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) 861-0039  
WEB: [WWW.MOSTDEPENDABLE.COM](http://WWW.MOSTDEPENDABLE.COM)

\*ALL COLORS FOR PRODUCTS TO BE FINALIZED  
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5. CONTRACTOR'S SURVEYOR TO CALCULATE COORDINATES AND STAKE THE LAYOUT OF ALL HARDCAPE ELEMENTS FOR SUB-CONTRACTOR.



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

#### LEGACY PARK IMPROVEMENTS

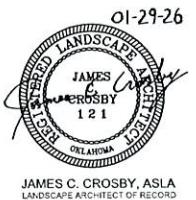
LOT 3 &4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6-R

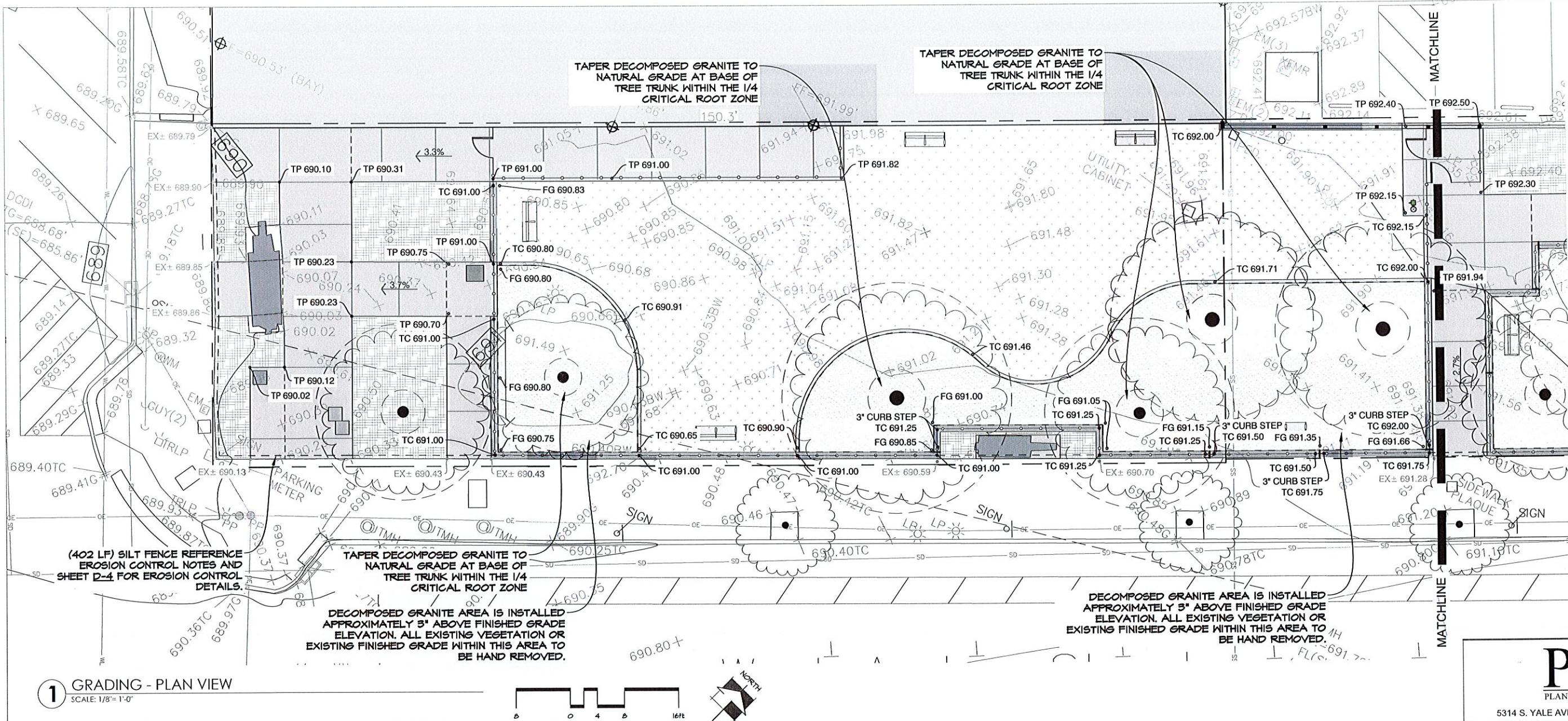


DRAWN	MDC	PROJ. MGR.	1/30
DESIGNED		CDS MGR.	IMV 1/26
SURVEY		FIELD MGR.	Ball 1/26

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



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 CUR

FF - FINISHED FLOOR

**EG - EXISTING GRADE**

## GRADING NOTES

1. CONTRACTOR TO BLEND CONTOUR ALTERATIONS INTO EXISTING TOPOGRAPHY TO PROMOTE A SMOOTH TRANSITION.
2. CONTRACTOR TO MAINTAIN AND UTILIZE NATURAL DRAINAGE PATTERNS WHERE POSSIBLE.
3. ALL SPOT ELEVATIONS HAVE BEEN TRUNCATED TO EXCLUDE THE "12" (THOUSAND/HUNDREDS) FROM THE LABEL.
4. 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% SLOP IN ANY DIRECTION. ALL GRADES MUST MEET CURRENT CITY ACCESSIBILITY CODES AND REQUIREMENTS.
5. 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.
6. 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

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



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# PDG

PLANNING DESIGN GROUP

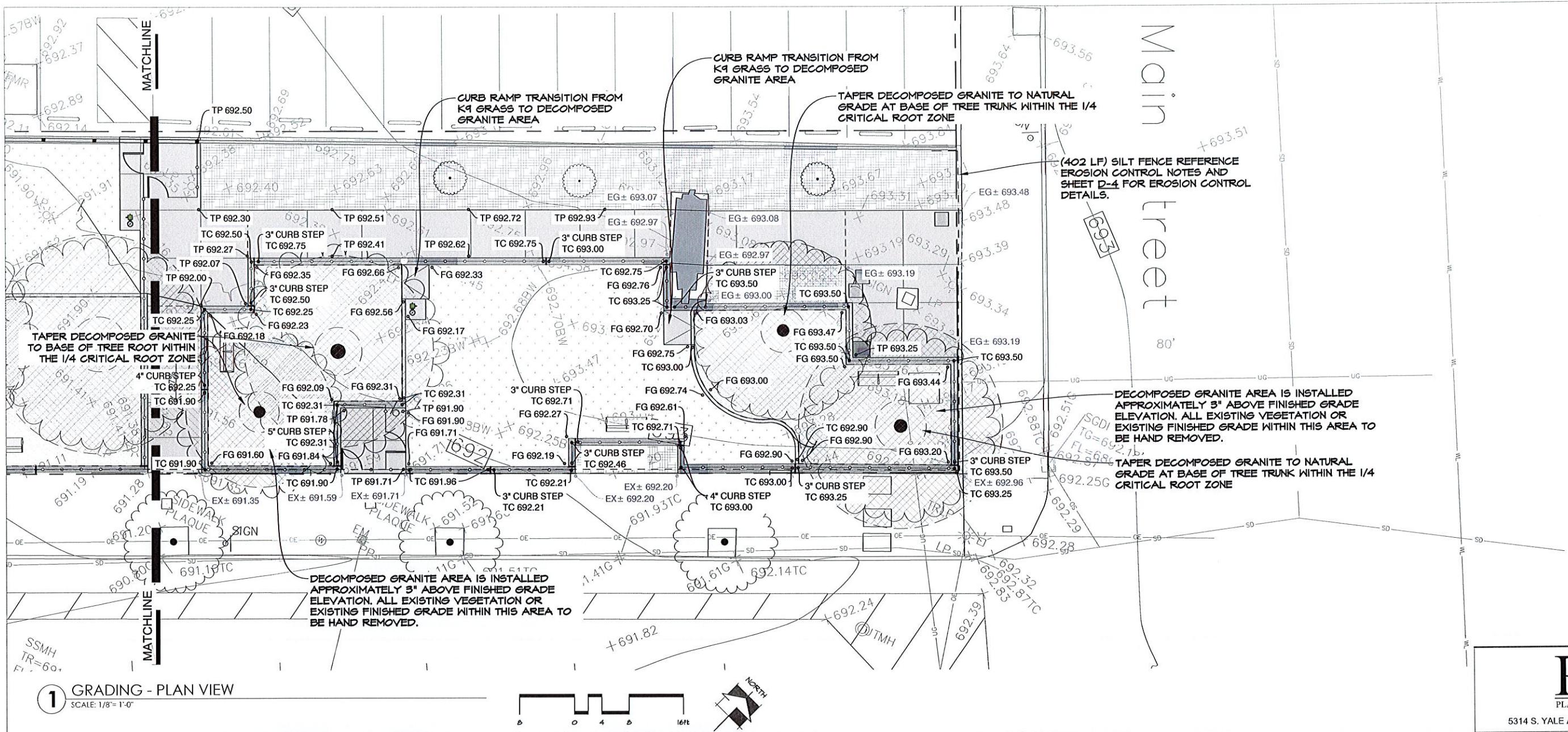
PLANNING DESIGN GROUP  
3114 S. YALE AVE., SUITE 510, TULSA, OK 74105

## IMPROVEMENTS

The logo for Tulsa Down Partnership. It features a teal background with the word "TULSA" in large, white, block letters. Below "TULSA", the word "DOWN" is written in a smaller, white, sans-serif font. At the bottom of the logo, the words "PARTNERSHIP" and "TULSA" are stacked vertically in a smaller, white, sans-serif font.

MDC	PROJ. MGR.	ED NW True	1/30 2/26 2/26
ED	CDS MGR.		
Y	FIELD MGR.		
LOCK	BY:	DATE:	
	PDG	01/29/26	

NAME: \_\_\_\_\_  
**WEST-SIDE GRADING PLAN**  
NO. \_\_\_\_\_



**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

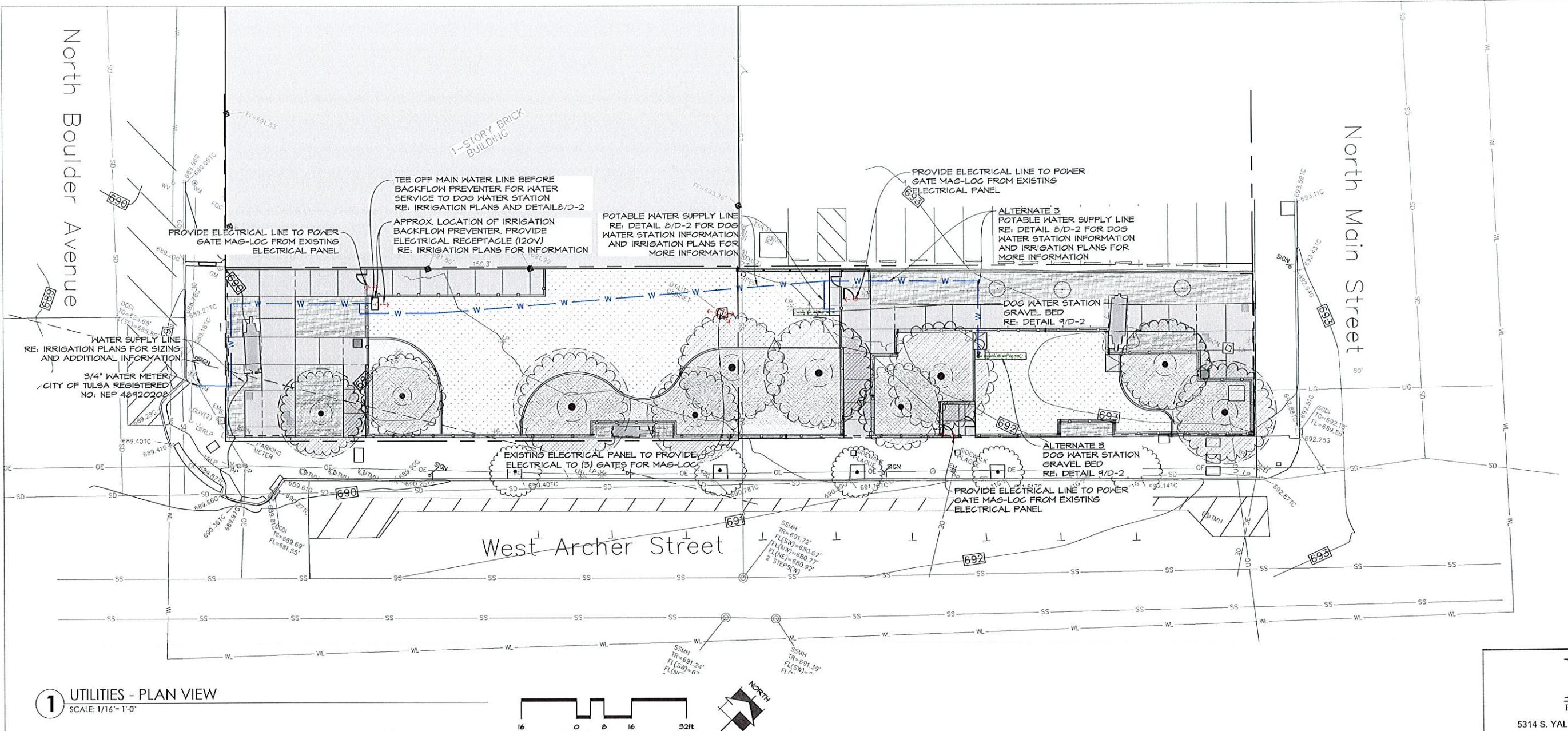


01-29-26



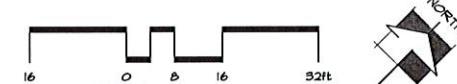
JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

GR-2



1 UTILITIES - PLAN VIEW

SCALE: 1/16" = 1'-0"



#### UTILITY LEGEND

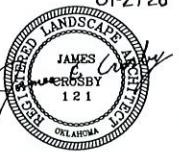
- W WATER SUPPLY LINE
- GRAVEL DRAIN BED  
RE: DETAIL 9/D-2
- ELECTRICAL LINE CONNECTION

#### 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.



01-29-26



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD  
121

01-29-26

**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



1/30  
MV  
2/26

DRAWN	MDC	PROJ. MGR.
DESIGNED		CDS MGR.
SURVEY		FIELD MGR.
ISSUE BLOCK		
BY: DATE: PDG 01/29/26		

#### OVERALL UTILITY PLAN

SHEET NO:  
UT-1

Sheet 12 of 22

PDG PROJECT # 24-43

## PRODUCT INFORMATION

### ARTIFICIAL TURF -K9 GRASS CLASSIC+

FOREVER LAWN TULSA  
REP: ROSS SPENCER  
PH: (214) 405-3016  
WEB: [WWW.TULSA.FOREVERLAWN.COM](http://WWW.TULSA.FOREVERLAWN.COM)

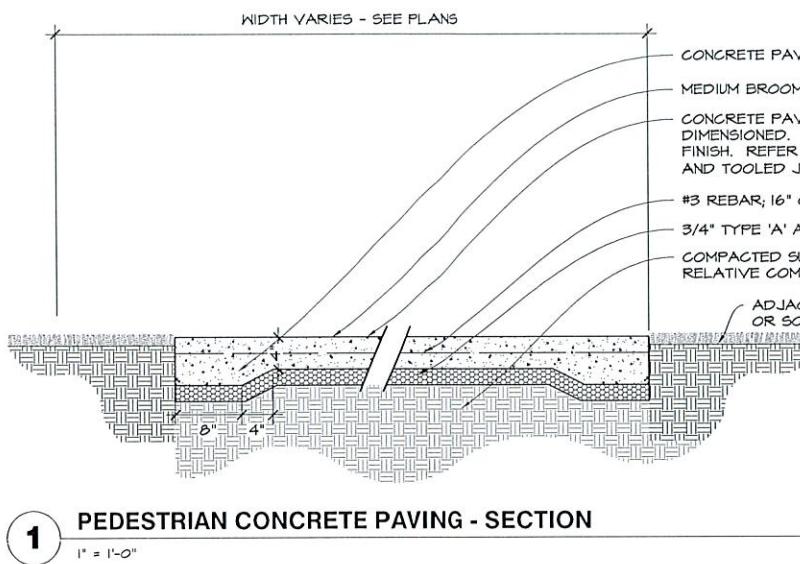
### DECOMPOSED GRANITE -DESERT GOLD SCREENINGS

HARDSCAPE MATERIALS  
PH: (918) 369-1170  
WEB: [WWW.HARDSCAPEMATERIALS.COM](http://WWW.HARDSCAPEMATERIALS.COM)

### SEAT STONES -18" HT. x 2' W. x 2' L. -OKLAHOMA SANDSTONE BLOCKS

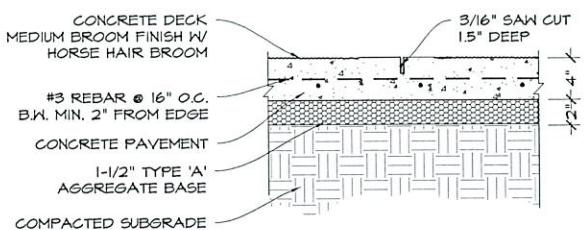
BLUEBIRD STONE  
PH: (918) 647-7161  
WEB: [WWW.BLUEBIRDSTONE.COM](http://WWW.BLUEBIRDSTONE.COM)

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



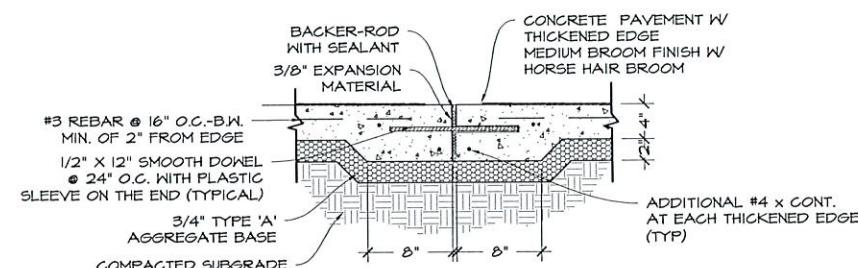
1 PEDESTRIAN CONCRETE PAVING - SECTION

1" = 1'-0"



2 CONCRETE SAW CUT JOINT - SECTION

1" = 1'-0"

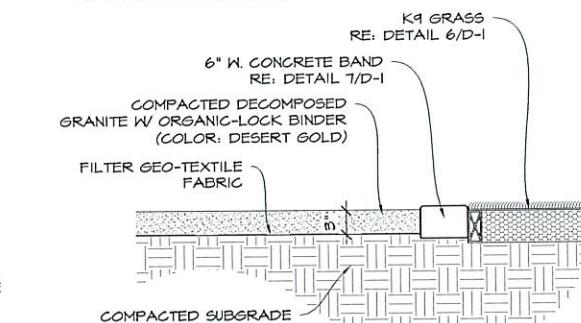


3 PEDESTRIAN EXPANSION JOINT (TYP) - SECTION

1" = 1'-0"

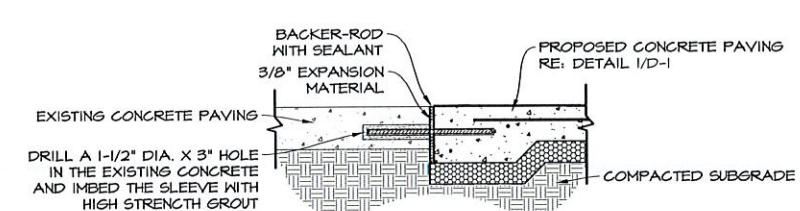
**NOTES:**

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 & COMPAKTED 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.



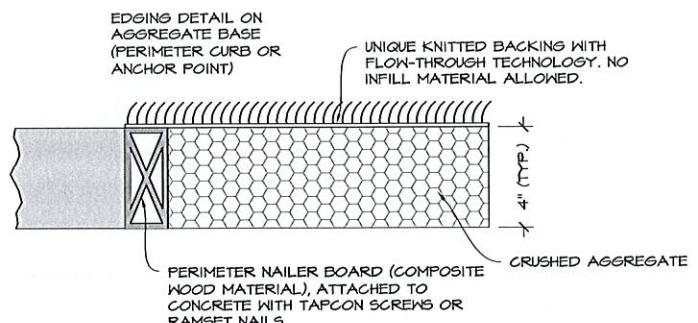
4 DECOMPOSED GRANITE - SECTION

P-2024-LEG-56



5 CONCRETE JOINT AT EXISTING PAVING - SECTION

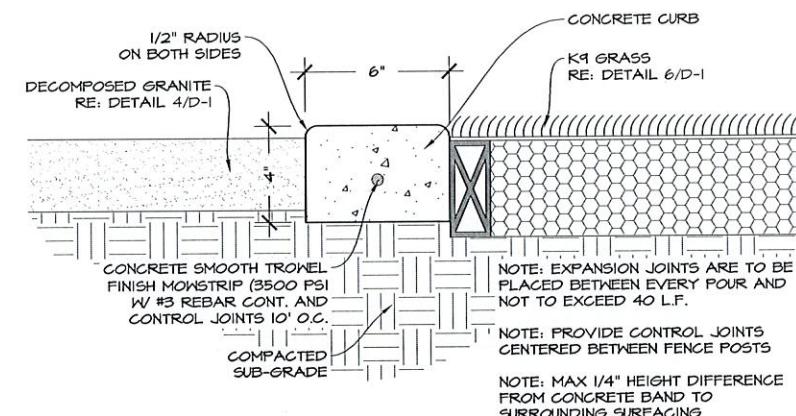
1" = 1'-0"



6 K9 GRASS (PERIMETER CONCRETE EDGE) - SECTION

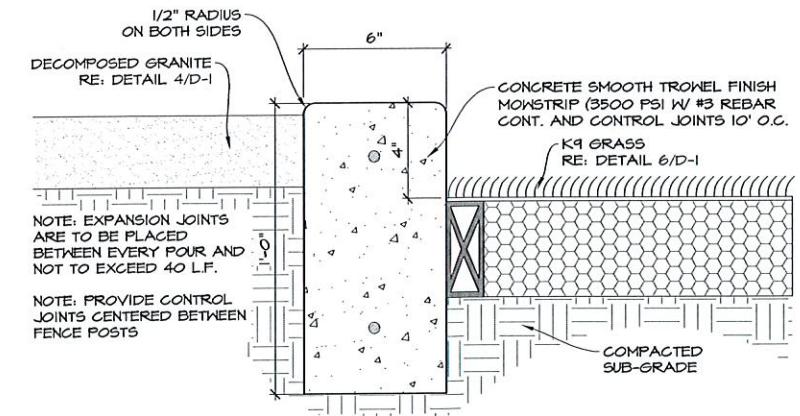
NOT TO SCALE

P-2024-LEG-60



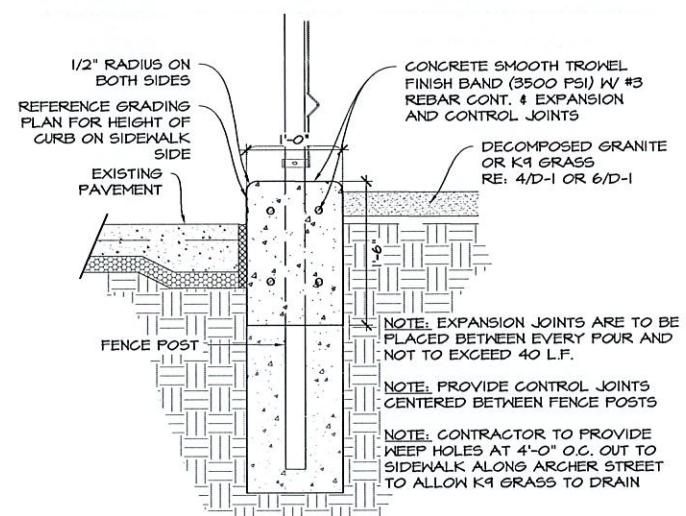
7 6" W. CONCRETE BAND - SECTION

P-2024-LEG-102



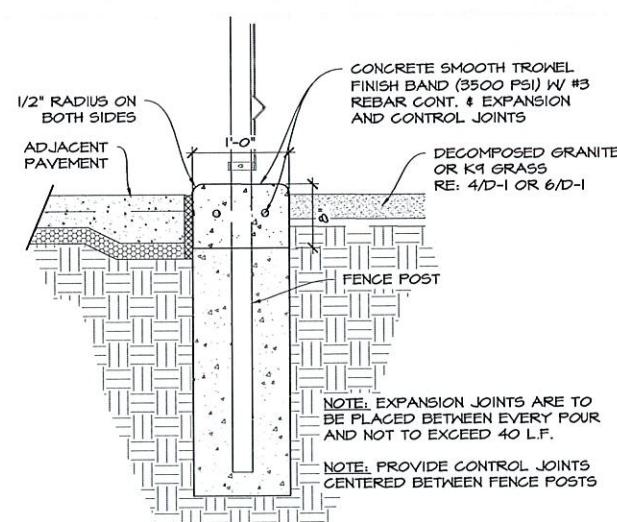
8 6" W. RAISED CONCRETE BAND - SECTION

3" = 1'-0"



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

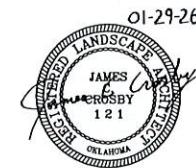
1" = 1'-0"



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

1" = 1'-0"

P-2024-LEG-115



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

SHEET NAME:  
CONSTRUCTION DETAILS  
SHEET NO:  
D-1

SHEET 13 OF 22  
PDG PROJECT # 24-43

**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



1/30  
2/26  
2/26

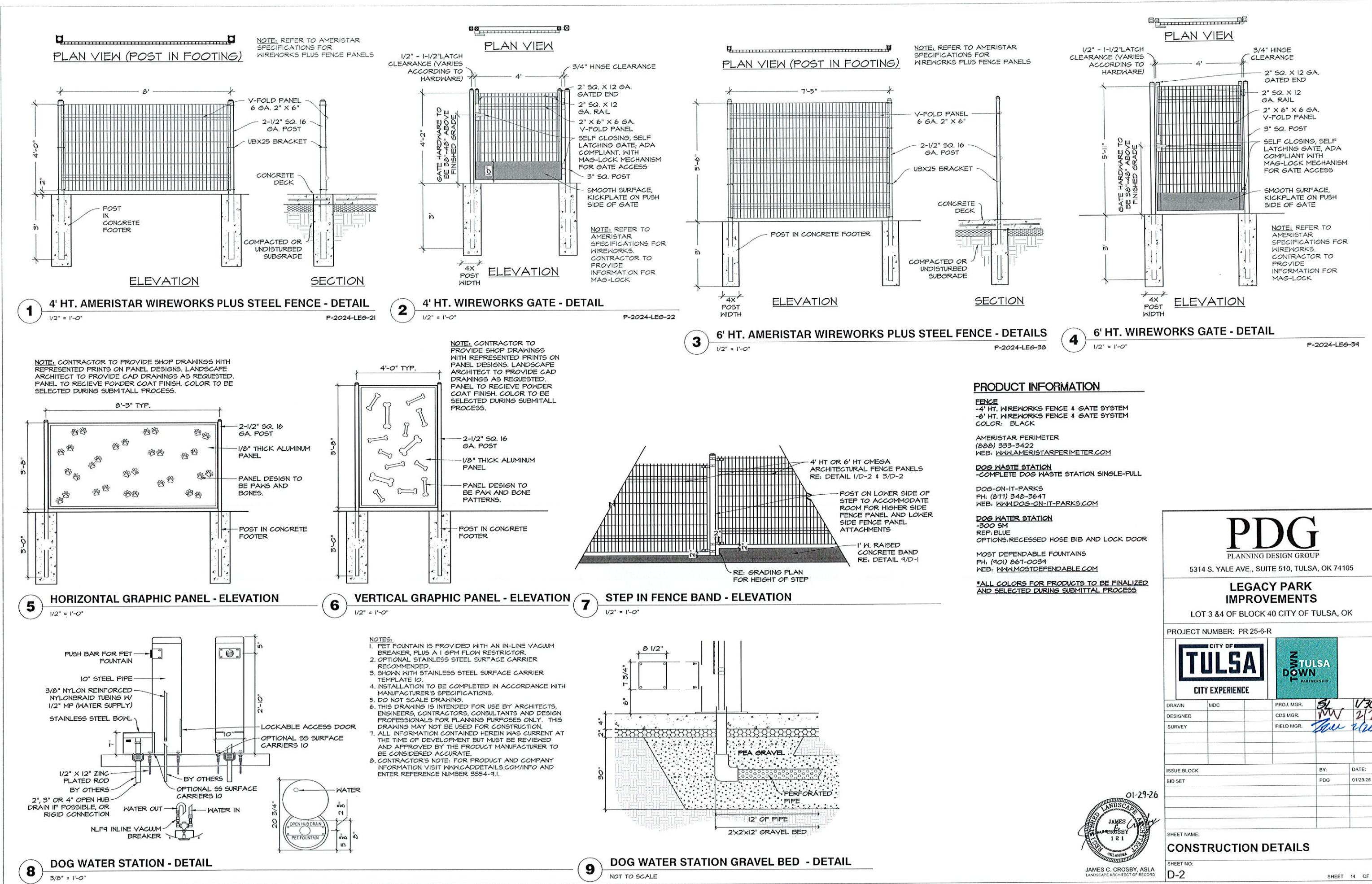
ISSUE BLOCK  
BY: DATE:  
BID SET  
PDG 01/29/26

PROJ. MGR.  
DESIGNED  
SURVEY  
FIELD MGR.

1/30  
2/26  
2/26

1/30  
2/26  
2/26

1/30  
2/26  
2/26



**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

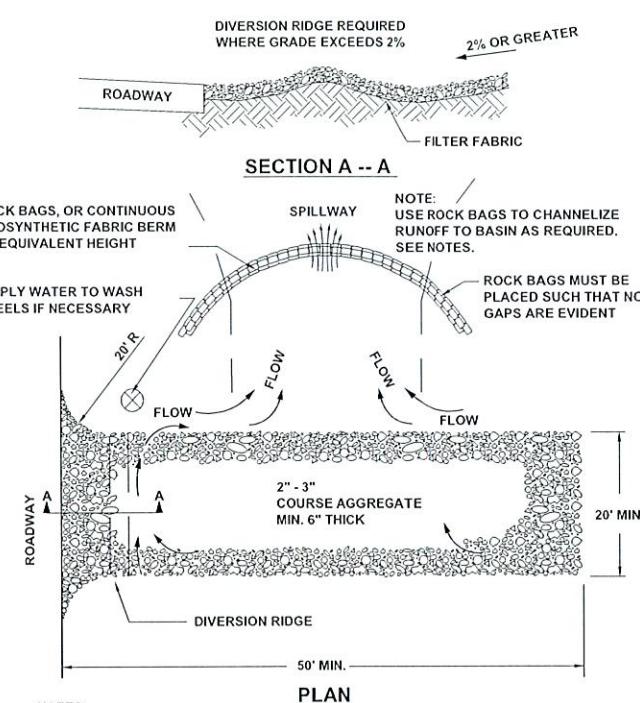


DRAWN	MDC	PROJ. MGR.	51	1/30
DESIGNED		CDS MGR.	MW	2/26
SURVEY		FIELD MGR.		
BID SET		BY:	PDG	01/29/26

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

SHEET NAME:	CONSTRUCTION DETAILS		
SHEET NO:	D-2		





PLAN

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

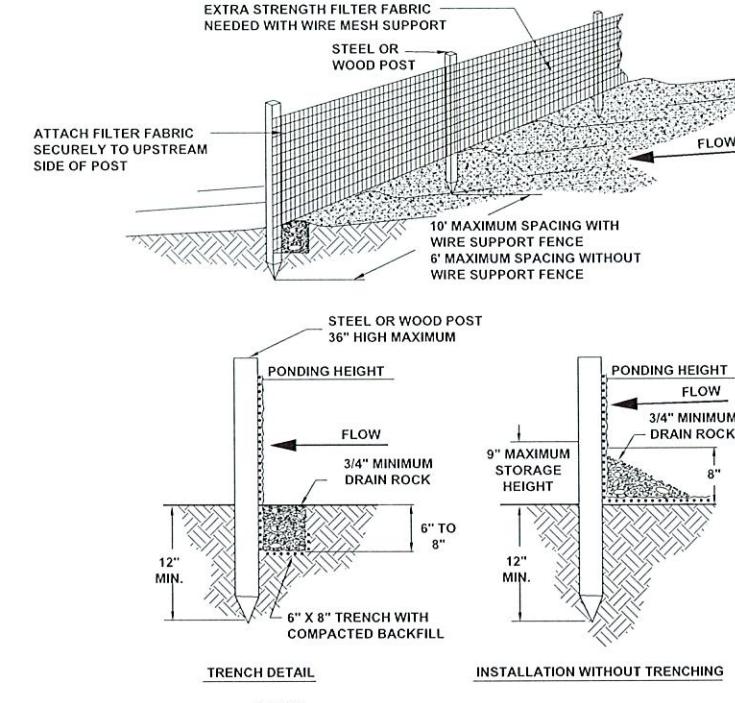
### Temporary Erosion Control

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 SEEDED HAS BEEN RECENTLY LOOSENERED TO THE EXTENT THAT AN ADEQUATE SEEDBED EXISTS, NO ADDITIONAL TREATMENT IS REQUIRED. HOWEVER IF THE AREA TO BE SEEDED IS PACKED, CRUSTED, AND/OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENERED 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	PLANTING DATE	DEPTH
	1000 S.F.		
ANNUAL	40 LBS	0.90 LBS	09/15 TO 11/30
ELBON RYE	2 BU.	3.00 LBS	08/15 TO 11/30
WHEAT	2 BU.	3.00 LBS	08/15 TO 11/30
OATS	3 BU.	2.50 LBS	08/15 TO 11/30
SORGHUM	60 LBS	1.40 LBS	03/01 TO 09/15
SUDAN	40 LBS	0.90 LBS	04/01 TO 09/15

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 SEEDED 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 SEEDED AREA SHALL BE WATERED WHEN FEASIBLE AND NEEDED.



TRENCH DETAIL

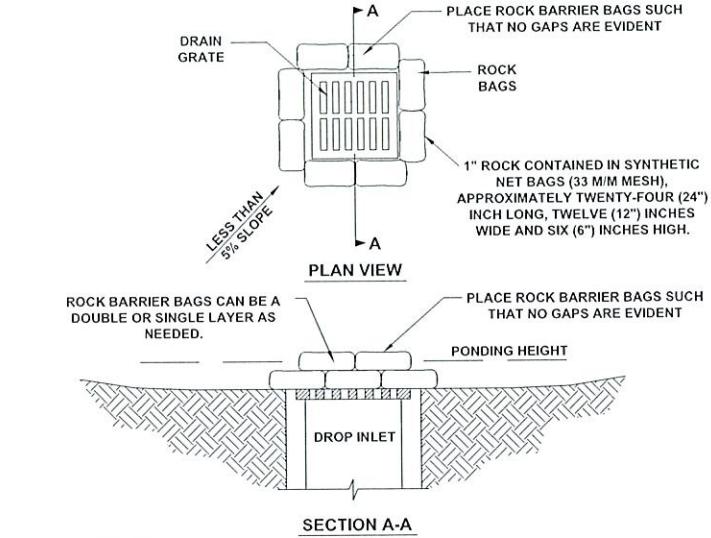
INSTALLATION WITHOUT TRENCHING

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

### 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 LOOSENERED 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 LOOSENERED 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	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.	MAN	1/26
SURVEY		FIELD MGR.	JILL	1/26

ISSUE BLOCK BY: DATE:

BID SET PDG 01/29/26

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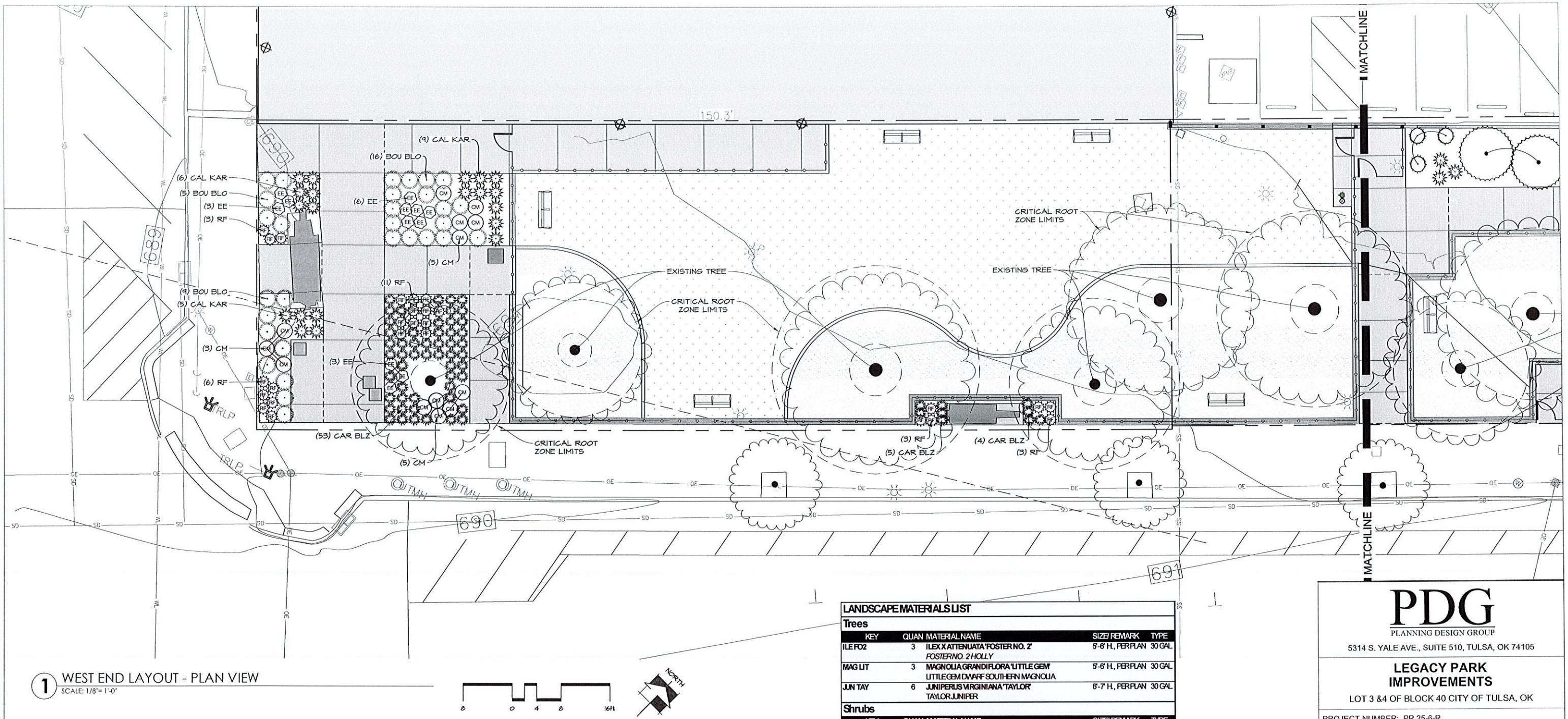
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#### LANDSCAPE MATERIALS LIST

##### Trees

KEY	QUAN	MATERIAL NAME	SIZE/REMARK	TYPE
ILE FO2	3	ILEX ATTENUATA 'FOSTER NO. 2'	5'-6" H, PER PLAN	30 GAL
		POSTERNO. 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'	6'-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 FEATHER REED 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 'PAST02917'	8'-12" H, 24" O.C. 1 GAL	
		POWOW WILD BERRY CONEFLOWER		
PHY BES	10	PHYSOCARPUS OPULIFOLIUS 'MONLO'	18'-24" H, 6" O.C. 5 GAL	
		DIABLO OWN NEBAK		
RF	26	RUDBECKIA 'FULGIDA SULLIVANTII 'GOLDSTORM'	8'-12" H, 24" O.C. 1 GAL	
		GOLDSTORM CONEFLOWER		

##### Compost

262 Back to Nature

2CF.

1 BAG

##### Mulch

175 Cedar Mulch

3CF.

1 BAG

##### 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 COVERAGE 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.	1/30
DESIGNED		CDS MGR.	MW 2/26
SURVEY		FIELD MGR.	TJW 2/26

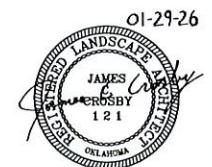
ISSUE BLOCK	BY:	DATE:
BID SET	PDG	01/29/26

01-29-26	BY:	DATE:

SHEET NAME:	WEST-SIDE LANDSCAPE PLAN
SHEET NO:	LS-1

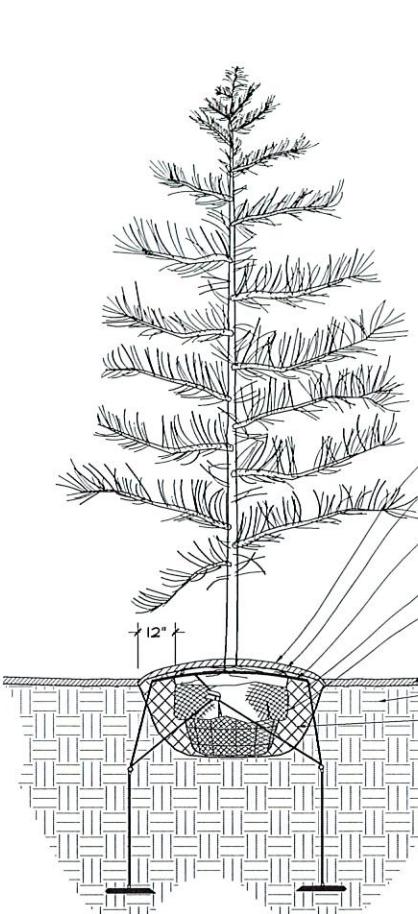
SHEET	17	OF	22
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PDG PROJECT #: 24-43

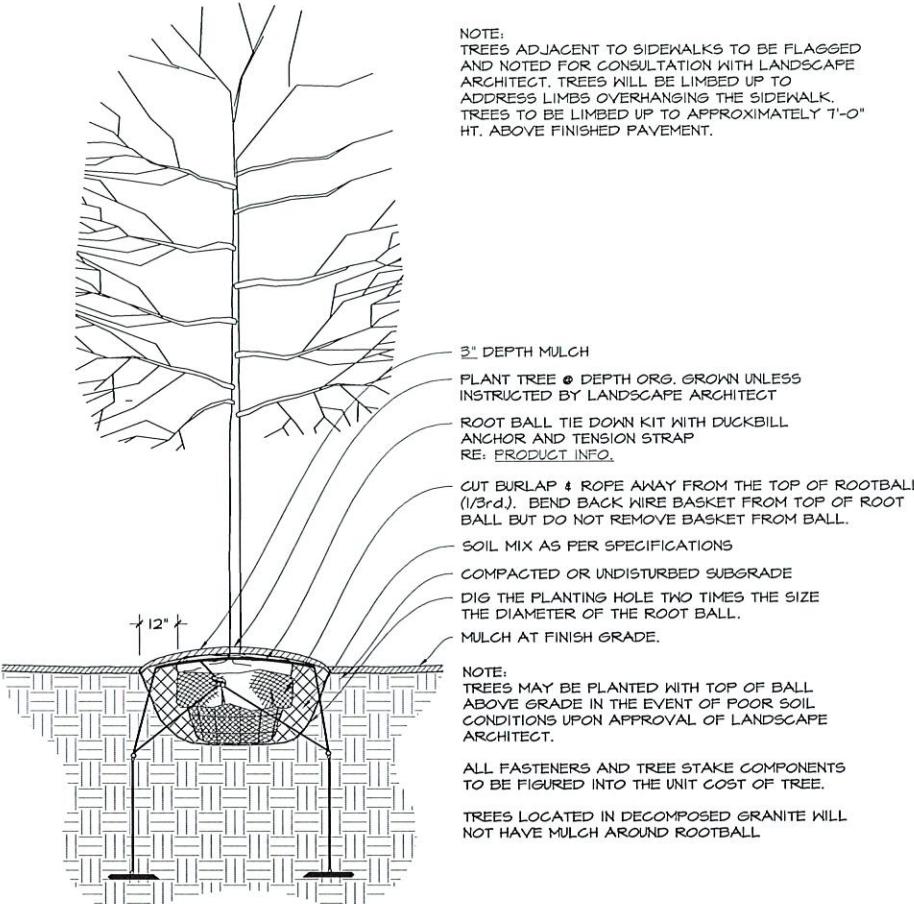


JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

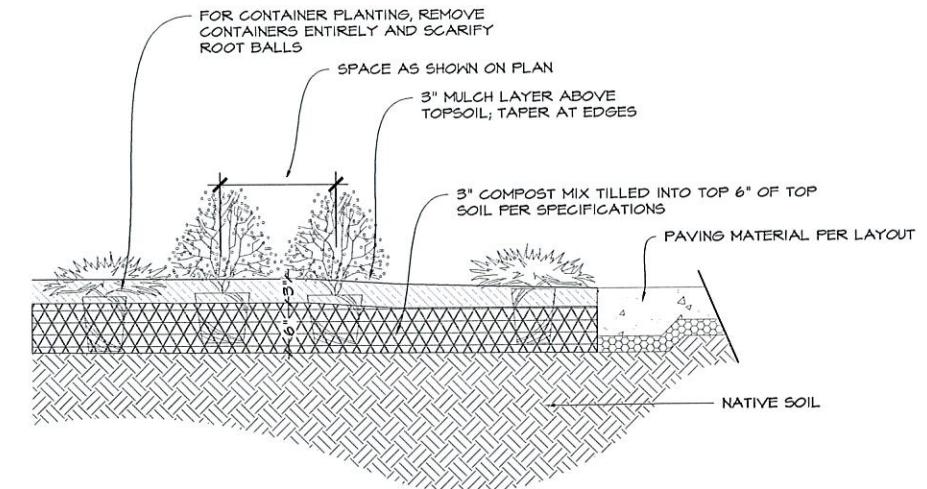




1 CONIFEROUS TREE PLANTING - TYPICAL SECTION  
1" = 1'-0"



2 DECIDUOUS TREE PLANTING - TYPICAL SECTION  
1" = 1'-0"



3 TYPICAL PLANTING BED - DETAIL

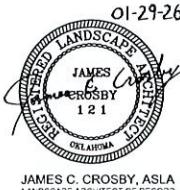
#### PLANTING NOTES

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 ROTOTILLING 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 WELLS. 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 OSMOCOTE 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 329300 SECTION 1.06 WARRANTY PERIOD AND REPLACEMENT.

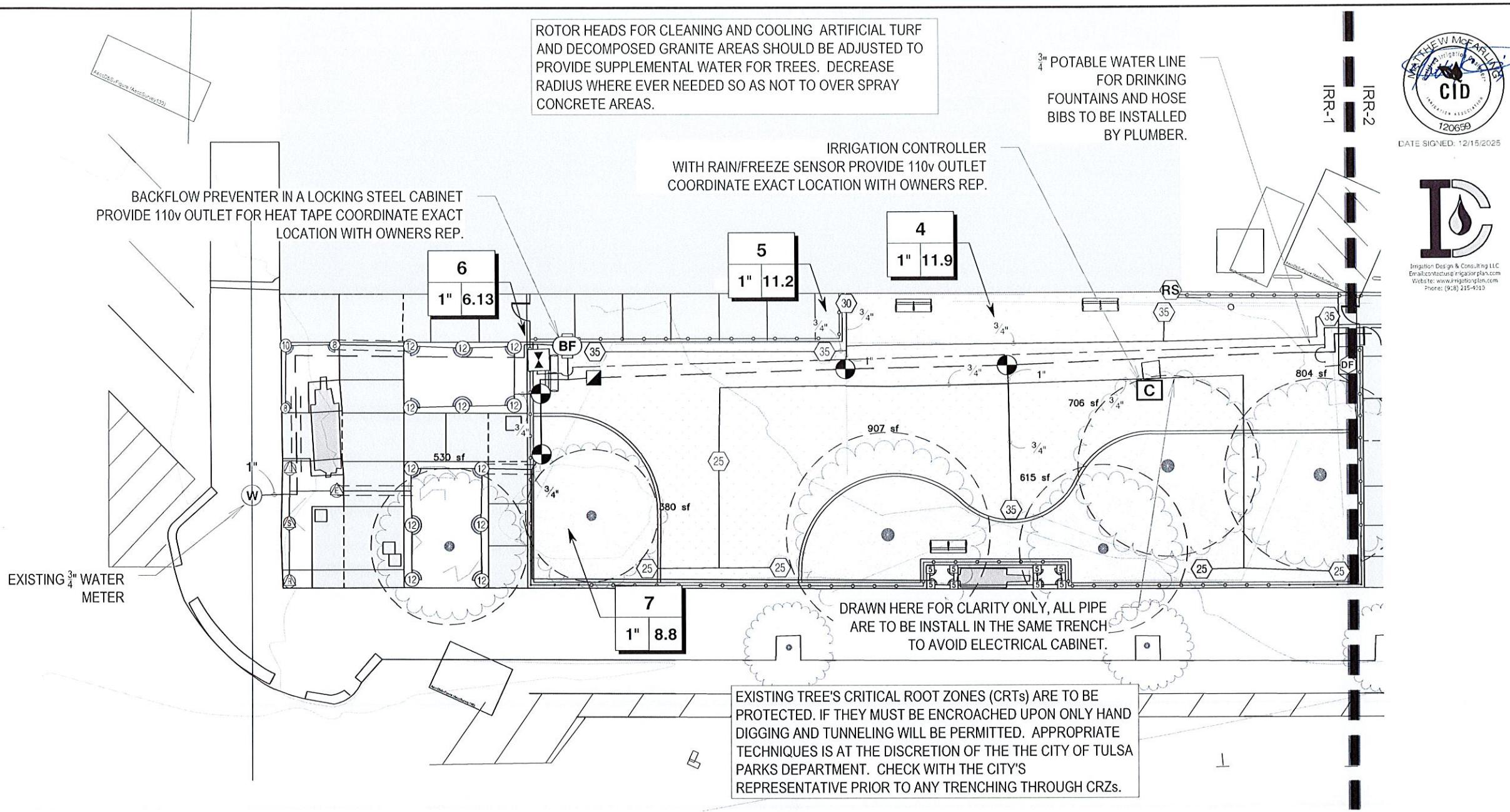
#### PRODUCT INFORMATION

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](http://WWW.EARTHANCHOR.COM)

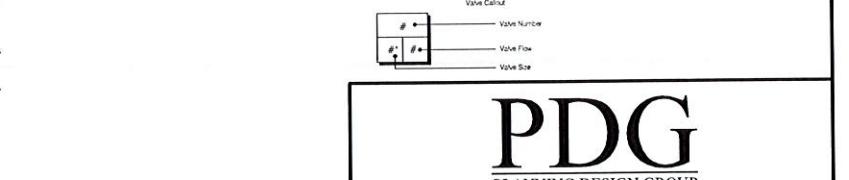
<b>PDG</b> PLANNING DESIGN GROUP 5314 S. YALE AVE., SUITE 510, TULSA, OK 74105			
<b>LEGACY PARK IMPROVEMENTS</b> LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK			
PROJECT NUMBER: PR 25-6-R			
			
DRAWN	MDC	PROJ. MGR.	1/30
DESIGNED	CDS MGR.	MW	2/26
SURVEY	FIELD MGR.	ZCm 2/26	
ISSUE BLOCK			
BY: DATE: PDG 01/29/26			
SHEET NAME: <b>LANDSCAPE DETAILS</b>			
SHEET NO: <b>LSD-1</b>			



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD



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Phone: (918) 215-4310



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

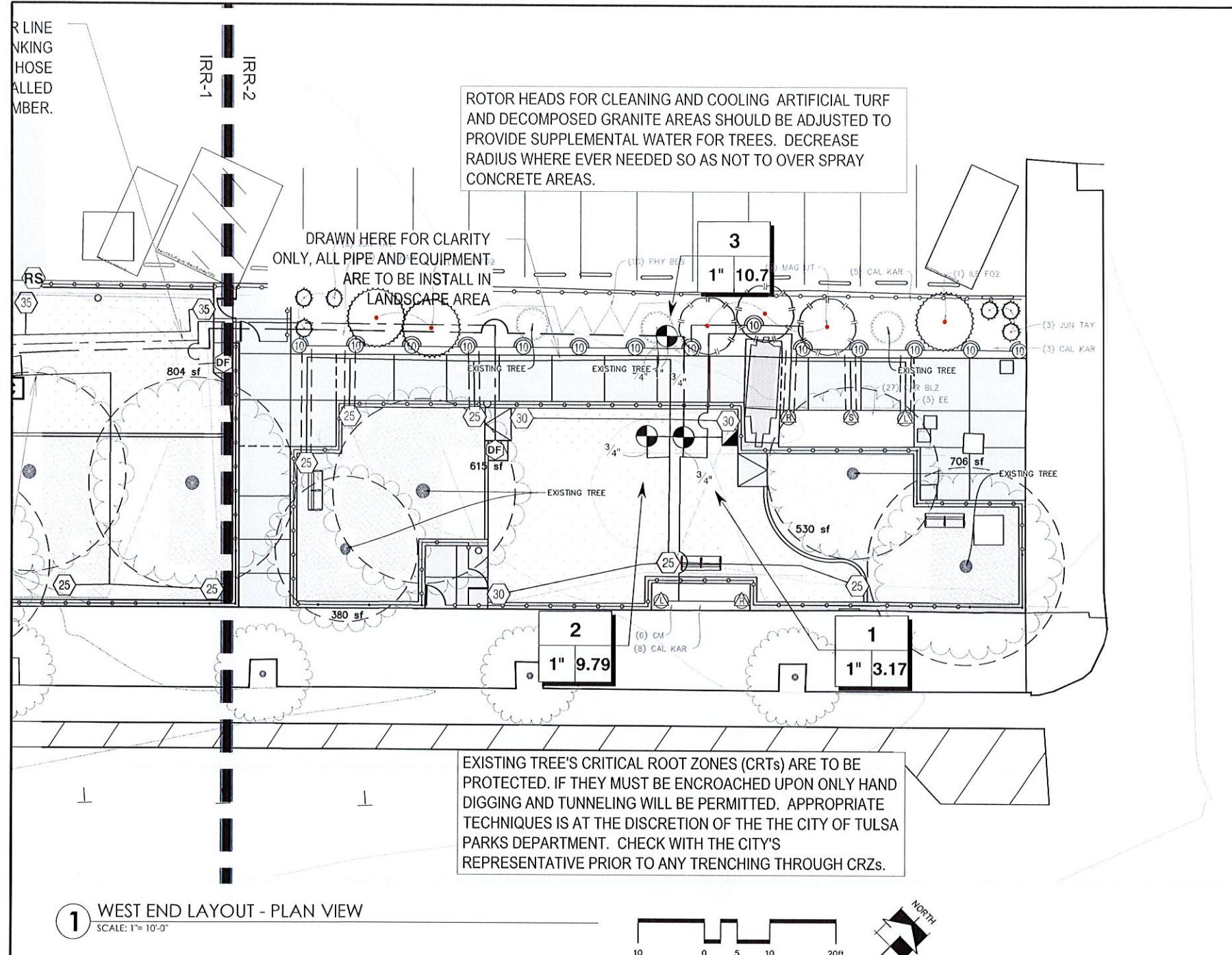
**PROJECT NUMBER:** PR 25-6-R



DRAWN	MCM	PROJ. MGR.
1/30	1/30	1/30
DESIGNED	MCM	CDS MGR.

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

SHEET NAME:	WEST-SIDE IRRIGATION PLAN
SHEET NO.:	IRR-1
PAGE:	20 of 22



## 1 WEST END LAYOUT - PLAN VIEW

#### GENERAL NOTES

1. THIS DESIGN WAS PREPARED BY IRRIGATION DESIGN AND CONSULTING, BASED SOLELY ON THE DRAWINGS AND INFORMATION PROVIDED BY THE OWNER, AND HOLDS NO RESPONSIBILITY FOR ACCURACY OR THAT INFORMATION OR FOR ANY INSTALL OR WARRANTIES. INSTALL CONTRACTOR IS SOLELY RESPONSIBLE FOR PROPER INSTALL AND FUNCTION OF THE IRRIGATION SYSTEM.
2. THE IRRIGATION DESIGN IS CONCEPTUAL AND DIAGRAMMATIC. THE INTENT OF THE DRAWINGS IS TO SHOW THE GENERAL LAYOUT AND LOGIC OF THE SYSTEM. SCALED MEASUREMENTS MAY NOT BE ACCURATE. ACTUAL LOCATIONS AND QUANTITIES OF PIPE AND FITTINGS MAY VERY DUE TO FIELD ADJUSTMENTS FOR EXISTING CONDITIONS AND OTHER OBSTRUCTIONS TO PROVIDE THE PROPER AND INTENDED COVERAGE.
3. FOR CLARITY SOME LINES AND OBJECTS MAY APPEAR TO BE OUT OF PLACE. IT SHOULD BE UNDERSTOOD THAT ALL IRRIGATION PIPE AND EQUIPMENT IS TO BE PLACED IN THE LANDSCAPE AREAS.
4. FLOW RATES ARE ESTIMATED AND AS SUCH WILL VARY IF ALTERATIONS ARE MADE BY CONTRACTOR,
5. INSTALL CONTRACTOR WILL ASSUME ALL RESPONSIBILITY FOR FLOW, PIPE SIZING HYDRAULIC CALCULATIONS, INSTALL, ADJUSTMENTS AND WARRANTIES.
6. 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.
7. CONTRACTOR SHALL INSTALL ALL EQUIPMENT AS PER MANUFACTURE'S CURRENT SPECIFICATIONS AND IN ACCORDANCE WITH ALL LAWS AND CODES THAT GOVERN TULSA, OK.
8. 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.
9. CONTRACTOR WILL COORDINATE EXACT LOCATIONS OF WATER METER, BACK FLOW PREVENTER, CONTROLLER AND CLIMATE SENSORS WITH THE ARCHITECT AND GENERAL CONTRACTOR.
10. 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.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE CAUSED TO ALL UTILITIES (BOTH OVERHEAD AND UNDER GROUND) DURING THE IRRIGATION INSTALLATION. CONTRACTOR SHALL SEEK THE ASSISTANCE OF LOCAL UTILITIES AND THE OWNER IN THE LOCATION OF THE UTILITIES PRIOR TO PERFORMING TRENCHING OPERATIONS IN THE WORK AREA.
12. ALL MAINLINE SHALL BE SCH40 PVC. ALL LATERAL PIPING SHALL BE CLASS 200 PVC PIPING. ALL PVC FITTINGS SHALL BE PVC TYPE 1 AND MUST BE OF DOMESTIC MANUFACTURE. PVC SOLVENT CEMENT AND PRIMER SHALL BE AS RECOMMENDED / APPROVED BY THE MANUFACTURE OF THE PIPE
13. ALL SLEEVES WILL BE SCH40 AND MUST BE A MINIMUM OF TWO PIPE SIZES LARGER THAN THE COLLECTIVE SIZES OF ALL PIPES TO BE PLACED IN SLEEVE
14. GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROPER LOCATION AND SIZING OF SLEEVES BEFORE CONSTRUCTION BEGINS.

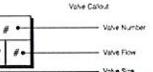


DATE SIGNED: 12/15/2025



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Website: www.irrigationplan.com  
Phone: (918) 215-4010

IRRIGATION SCHEDULE		
SYMBOL	MANUFACTURER/MODEL DESCRIPTION	QTY
	Rain Bird 1512-FRSU 15 Strip Series Shrub Spray, 12in. 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-FRSU 16 Strip Series Shrub Spray, 12in. 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 1512-FRSU 17 Strip Series Shrub Spray, 12in. 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 1512-FRSU 18 Strip Series Shrub Spray, 12in. 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 1512-FRSU 19 Strip Series MPR Shrub Spray 12in. Pop-Up Sprinkler with Co-Molded Wiper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, With Pressure-Regulating Device.	8
SYMBOL	MANUFACTURER/MODEL DESCRIPTION	QTY
	Rain Bird 5004-PL-RC-RMP 25 Turf Rotor, 4in. Pop-Up, Plastic Riser, Wth Flow Shut-Off Device, Matched Precipitation Rotor (MRR Nozzle), Arc and Radus as per Symbol, 25 ft-red, 30 ft-green, 35ft-beige, Wth In-Stem Pressure Regulator.	10
	Rain Bird 5004-PL-RC-RMP 30 Turf Rotor, 4in. Pop-Up, Plastic Riser, wth Flow Shut-Off Device, Matched Precipitation Rotor (MRR Nozzle), Arc and Radus as per Symbol, 25 ft-red, 30 ft-green, 35ft-beige, Wth In-Stem Pressure Regulator.	4
	Rain Bird 5004-PL-RC-RMP 35 Turf Rotor, 4in. Pop-Up, Plastic Riser, wth Flow Shut-Off Device, Matched Precipitation Rotor (MRR Nozzle), Arc and Radus as per Symbol, 25 ft-red, 30 ft-green, 35ft-beige, Wth In-Stem Pressure Regulator.	5
SYMBOL	MANUFACTURER/MODEL DESCRIPTION	QTY
	Rain Bird PE 1' Plastic Industrial Remote Control Valve, Low Flow Operating Capability, Globe Configuration.	7
	Rain Bird 5-NP 1' 1in. Brass Quick-Coupling Valve, with Corrosion-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
	Landscape Products Inc. BBV 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 ESLXME2-LXMM 12 Station on Trig (Inally-Wired, Commercial Controller, Indoor/Outdoor, Plastic Wall-Mount Enclosure, Install in LXMM Powder Coated, Indoor Wall-Mounted Cabinet.	1
	Rain Bird WR2-IRC 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 ft
	Irrigation Lateral Line: PVC Class 200 SDR 21 1"	8.0 ft
	Irrigation Mainline: PVC Schedule 40 1"	332.5 ft
	Potable Water Line: PVC Schedule 40 3/4"	
	Water Line to the drinking fountains and hose bbs. To be installed by plumber.	211.1 ft
	Pipe Sleeve: PVC Class 200 SDR 21 4"	105.9 ft



**PDG**  
PLANNING DESIGN GROUP

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## LEGACY PARK IMPROVEMENTS

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## Critical Analysis

Generated: 2025-04-30 11:55

P.O.C. NUMBER: 01  
Water Source Information:  
  
FLOW AVAILABLE  
Water Meter Size: 3/4"

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

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 Red. 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
Individual Pressure Available:	21.2 PSI



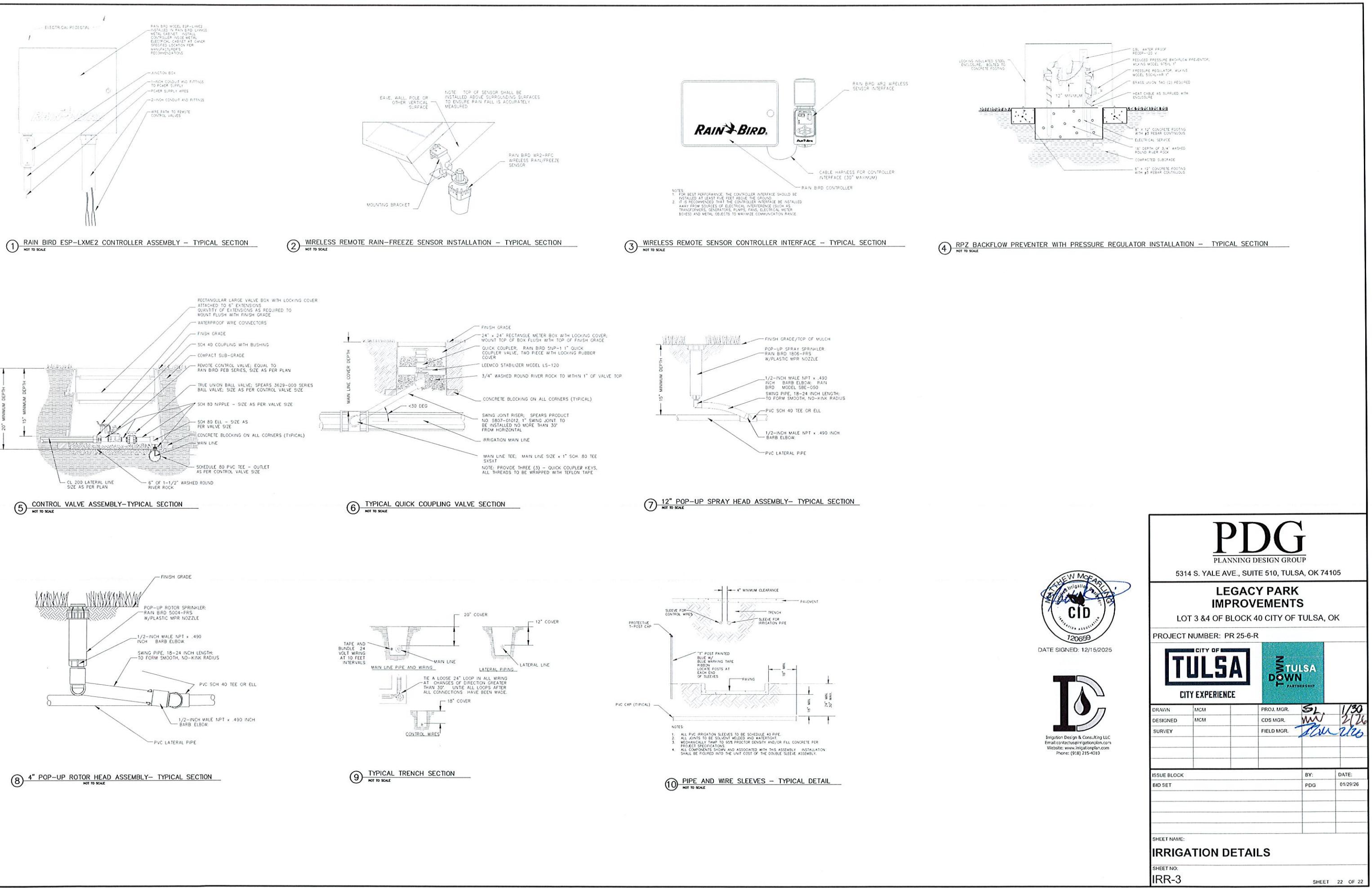
N	MCM	PROJ. MGR.	SL	1/30
NED	MCM	CDS MGR.	MJ	1/21
NEY		FIELD MGR.	<i>SL</i>	<i>1/21</i>

ET	PDG	01/29/26

NAME: \_\_\_\_\_

31-3

NO:



DATE SIGNED: 12/15/2025



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<b>PDG</b> PLANNING DESIGN GROUP			
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<b>LEGACY PARK IMPROVEMENTS</b>			
LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK			
PROJECT NUMBER: PR 25-6-R			
<b>CITY OF TULSA</b> <b>TULSA DOWN PARTNERSHIP</b>			
DRAWN	MCM	FROJ. MGR.	1/30
DESIGNED	MCM	CDS MGR.	MM
SURVEY		FIELD MGR.	TJW 2/26
ISSUE BLOCK		BY: DATE:	
BID SET		PDG 01/29/26	
SHEET NAME: <b>IRRIGATION DETAILS</b>			
SHEET NO. IRR-3			
PDG PROJECT #: 24-34			