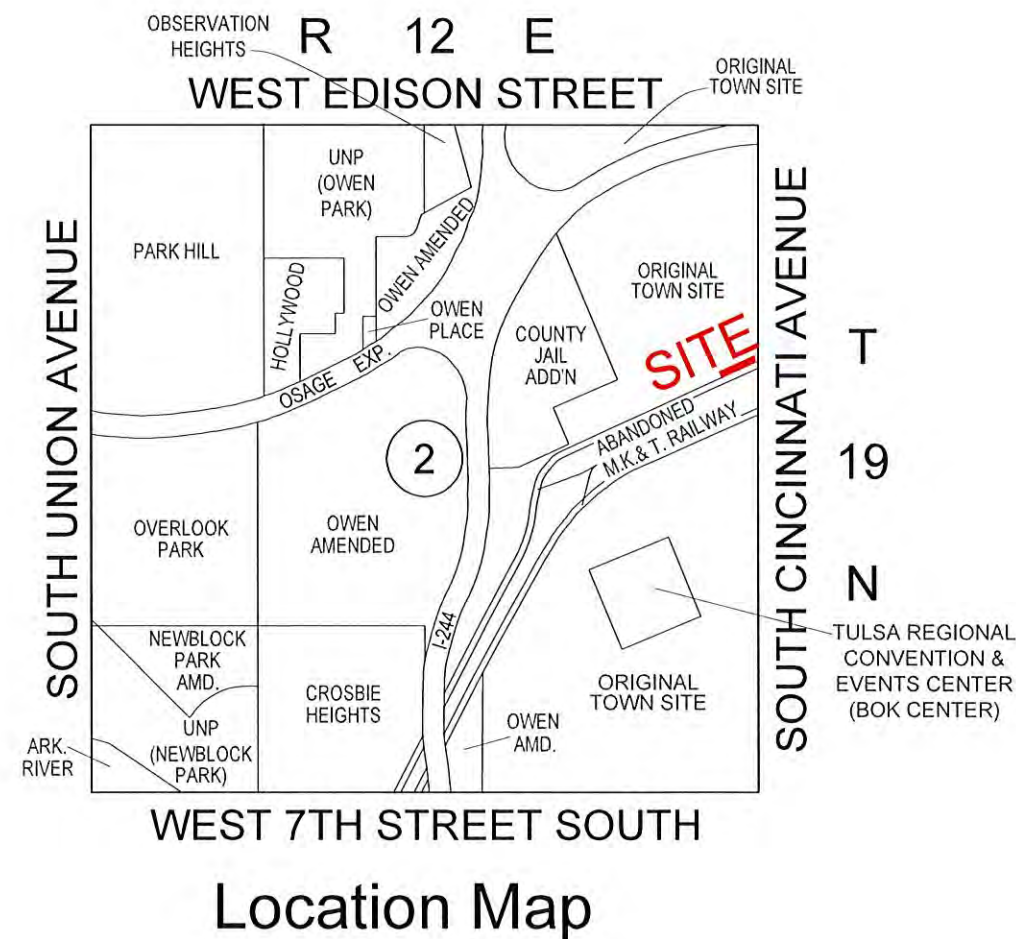


CONSTRUCTION PLANS FOR  
LEGACY PARK  
IMPROVEMENTS  
LOT 3 & 4, BLOCK 40, TULSA, OK 74132  
PROJECT NO. PR 25-6  
TIA13TIF11. DEVELOPER.P14.DEVAG  
CITY OF TULSA, OKLAHOMA  
DEPARTMENT OF CITY EXPERIENCE



| 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 |          |
|                                   |              |          |
|                                   |              |          |
|                                   |              |          |

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

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

7-25-25  
JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

APPROVED BY  
*[Signature]* 9-22-25  
DIRECTOR OF PARKS AND RECREATION DATE

| SHEET NO. | SHEET TITLE                 | SHEET DESIGNATION |   |
|-----------|-----------------------------|-------------------|---|
|           | TITLE SHEET                 | TS                |   |
| 1         | PAY ITEM QUANTITIES & NOTES | IN                |   |
| 2         | DEMOLITION PLAN             | DEMO              | 1 |
| 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 |
| 7         | EAST-SIDE DIMENSION PLAN    | L                 | 4 |
| 8         | ALTERNATE FENCE LAYOUT PLAN | ALT               | 1 |
| 9         | WEST-SIDE GRADING PLAN      | GR                | 1 |
| 10        | EAST-SIDE GRADING PLAN      | GR                | 2 |
| 11        | UTILITY PLAN                | UT                | 1 |
| 12        | CONSTRUCTION DETAILS        | D                 | 1 |
| 13        | CONSTRUCTION DETAILS        | D                 | 2 |
| 14        | CONSTRUCTION DETAILS        | D                 | 3 |
| 15        | CONSTRUCTION DETAILS        | D                 | 4 |
| 16        | WEST-SIDE LANDSCAPE PLANS   | LS                | 1 |
| 17        | EAST-SIDE LANDSCAPE PLANS   | LS                | 2 |
| 18        | LANDSCAPE DETAILS           | LSD               | 1 |
| 19        | WEST-SIDE IRRIGATION PLAN   | IRR               | 1 |
| 20        | EAST-SIDE IRRIGATION PLAN   | IRR               | 2 |
| 21        | IRRIGATION DETAILS          | IRR               | 3 |

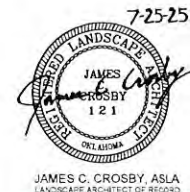
| BASE BID PAY ITEMS |                                                          |                    |      |
|--------------------|----------------------------------------------------------|--------------------|------|
| Item No.           | Bid Item                                                 | Estimated Quantity | Unit |
| 1                  | General Conditions/Bonds/Insurance                       | 1                  | LS   |
| 2                  | Demolition - CIP                                         | 1                  | LS   |
| 3                  | Temporary Silt Fence - CIP                               | 1                  | LS   |
| 4                  | Earthwork-Excavation/Embankment/Compaction/Grading - CIP | 1                  | LS   |
| 5                  | Monument Relocation                                      | 1                  | LS   |
| 6                  | Utility Relocation                                       | 1                  | LS   |
| 7                  | Typical 4" Concrete Sidewalk - CIP                       | 3,325              | SF   |
| 8                  | Artificial Turf (Flat) - CIP                             | 4,982              | SF   |
| 9                  | Decomposed Granite - CIP                                 | 3,456              | SF   |
| 10                 | 6' (6x4) Ht Perforated Screening Panels - CIP            | 36                 | LF   |
| 11                 | 4' (4x8) Ht Perforated Screening Panels - CIP            | 40                 | LF   |
| 12                 | 6' Ht. Architectural Wire Fence - CIP                    | 312                | LF   |
| 13                 | 4' Ht. Architectural Wire Fence - CIP                    | 380                | LF   |
| 14                 | Gate Hardware - CIP                                      | 3                  | LS   |
| 15                 | 1' W. Concrete Band - CIP                                | 839                | LF   |
| 16                 | 6" W. Concrete Band - CIP                                | 195                | LF   |
| 17                 | Rules Signage - CIP                                      | 2                  | EA   |
| 18                 | Water Stations - CIP                                     | 2                  | EA   |
| 19                 | Dog Waste Receptacles - CIP                              | 2                  | EA   |
| 20                 | 2' W. Stone Seats - CIP                                  | 6                  | EA   |
| 21                 | Evergreen Screening Trees                                | 12                 | EA   |
| 22                 | Landscape Beds - CIP                                     | 2,097              | SF   |
| 23                 | Irrigation- CIP                                          | 1                  | LS   |
| 24                 | Construction Allowance                                   | 1                  | LS   |
|                    |                                                          |                    |      |

| Item No. | Bid Item                                    | Estimated Quantity | Unit |
|----------|---------------------------------------------|--------------------|------|
| A-1      | 6' Ht. Horizontal Wood Fence - CIP          | 31                 | LF   |
| A-2      | 4' Ht. Horizontal Wood Fence - CIP          | 120                | LF   |
| A-3      | Granite Aggregate for Artificial Turf - CIP | 4,982              | SF   |

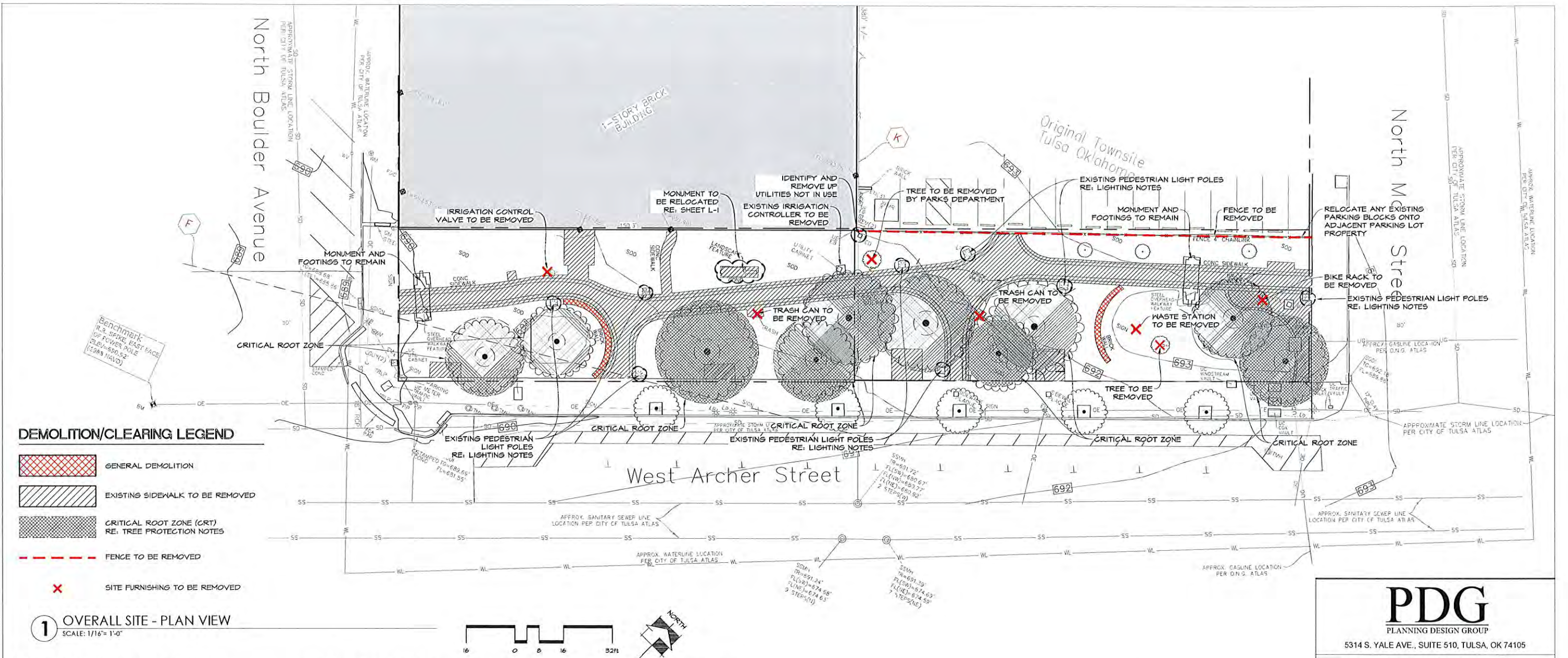
CIP = Complete in Place

- 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 CATCH-LINES 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 GRADING 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 ONE" 1-800-522-6543 OR 811, TO LOCATE SERVICE UTILITY LINES CONTACT JASON BOLD, TULSA PARKS FACILITY MANAGER AT 918-261-9303.
- 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 FLAIN.

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



|                                                                                       |     |                                                                                       |            |                                                                                       |          |
|---------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|----------|
| <h1 style="margin: 0;">PDG</h1> <p style="margin: 0;">PLANNING DESIGN GROUP</p>       |     |                                                                                       |            |                                                                                       |          |
| 5314 S. YALE AVE., SUITE 510, TULSA, OK 74105                                         |     |                                                                                       |            |                                                                                       |          |
| <h2 style="margin: 0;">LEGACY PARK<br/>IMPROVEMENTS</h2>                              |     |                                                                                       |            |                                                                                       |          |
| LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK                                               |     |                                                                                       |            |                                                                                       |          |
| PROJECT NUMBER: PR 25-6                                                               |     |                                                                                       |            |                                                                                       |          |
|  |     |  |            |  |          |
| <b>CITY EXPERIENCE</b>                                                                |     |                                                                                       |            |                                                                                       |          |
| DRAWN                                                                                 | MDC |                                                                                       | PROJ. MGR. | SL                                                                                    | 10/9     |
| DESIGNED                                                                              |     |                                                                                       | CDS MGR.   | JAN                                                                                   | 10/25    |
| SURVEY                                                                                |     |                                                                                       | FIELD MGR. | JAN                                                                                   | 10/25    |
|                                                                                       |     |                                                                                       |            |                                                                                       |          |
|                                                                                       |     |                                                                                       |            |                                                                                       |          |
| ISSUE LOG                                                                             |     |                                                                                       |            | BY                                                                                    | DATE     |
| 100% BID SET                                                                          |     |                                                                                       |            | PDG                                                                                   | 07/25/25 |
|                                                                                       |     |                                                                                       |            |                                                                                       |          |
|                                                                                       |     |                                                                                       |            |                                                                                       |          |
|                                                                                       |     |                                                                                       |            |                                                                                       |          |
|                                                                                       |     |                                                                                       |            |                                                                                       |          |
| SHEET NAME:                                                                           |     |                                                                                       |            |                                                                                       |          |
| <h2 style="margin: 0;">PAY ITEM QUANTITIES &amp; NOTES</h2>                           |     |                                                                                       |            |                                                                                       |          |
| SHEET NO.                                                                             |     |                                                                                       |            |                                                                                       |          |
| IN                                                                                    |     |                                                                                       |            |                                                                                       |          |
| SHEET                                                                                 |     |                                                                                       |            | 1                                                                                     | OF 21    |
| 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

**CITY OF TULSA**  
CITY EXPERIENCE

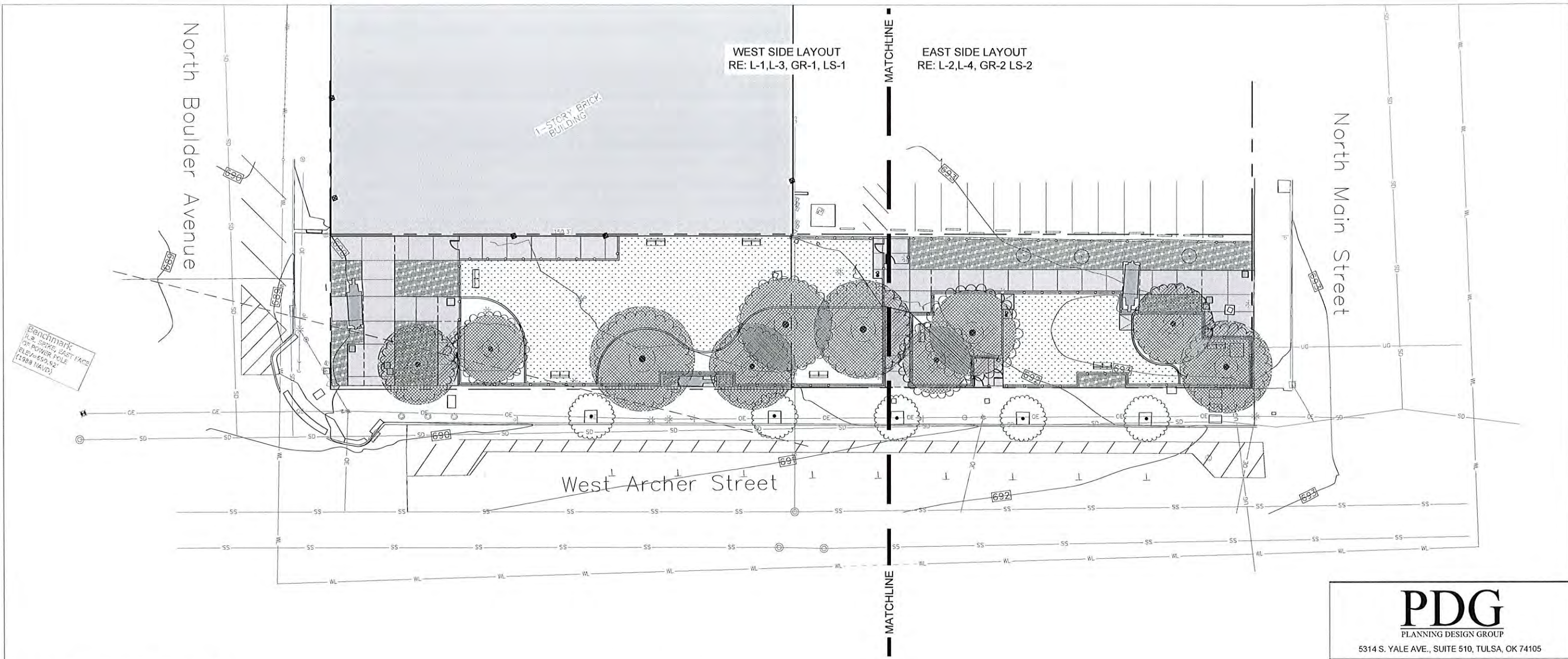
**TULSA DOWN**  
PARTNERSHIP

| ISSUE BLOCK  | BY: | DATE:    |
|--------------|-----|----------|
| 100% BID SET | PDG | 07/25/25 |

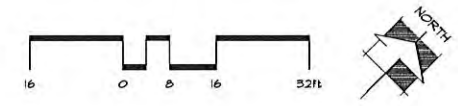
SHEET NAME:  
**DEMOLITION PLAN**

SHEET NO:  
**DEMO-1**

SHEET 2 OF 21  
PDG PROJECT # 24-43



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



**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

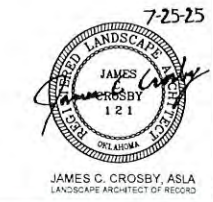


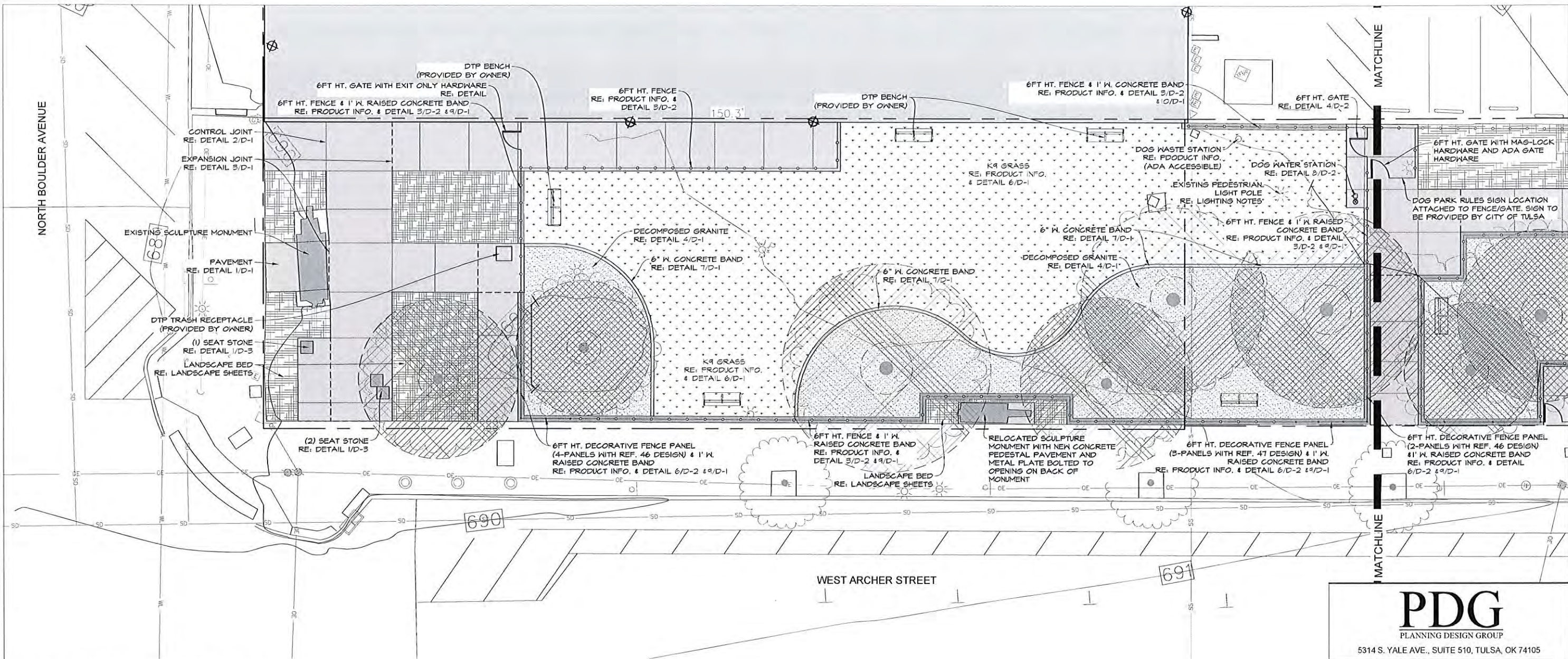
|          |     |            |     |        |
|----------|-----|------------|-----|--------|
| DRAWN    | MDC | PROJ. MGR. | SL  | 10/9   |
| DESIGNED |     | CDS MGR.   | bw  | Oct/25 |
| SURVEY   |     | FIELD MGR. | 22m | 10/25  |
|          |     |            |     |        |
|          |     |            |     |        |

|              |     |          |
|--------------|-----|----------|
| ISSUE BLOCK  | BY: | DATE:    |
| 100% BID SET | PDG | 07/25/25 |

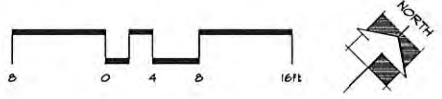
SHEET NAME:  
**OVERALL SITE PLAN**

SHEET NO.  
**SP-1**





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

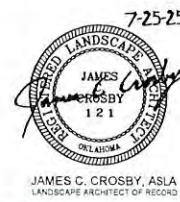


**PRODUCT INFORMATION**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>ARTIFICIAL TURF</b><br/>-K9 GRASS CLASSIC+</p> <p>FOREVER LAWN TULSA<br/>REP: ROSS SPENCER<br/>PH: (214) 405-3096<br/>WEB: <a href="http://WWW.TULSAFOREVERLAWN.COM">WWW.TULSAFOREVERLAWN.COM</a></p> <p><b>DECOMPOSED GRANITE</b><br/>-DESERT GOLD SCREENINGS</p> <p>HARDSCAPE MATERIALS<br/>PH: (918) 369-1170<br/>WEB: <a href="http://WWW.HARDSCAPEMATERIALS.COM">WWW.HARDSCAPEMATERIALS.COM</a></p> <p><b>FENCE</b><br/>-4' HT. ARCHITECTURAL FENCE &amp; GATE SYSTEM<br/>-6' HT. ARCHITECTURAL FENCE &amp; GATE SYSTEM<br/>COLOR: BLACK</p> <p><b>FENCE PANELS</b><br/>-HORIZONTAL (4' HT) UNIK PANEL<br/>-VERTICAL (6' HT) UNIK PANEL<br/>PATTERN: REF. 46 &amp; 47<br/>COLOR: SAPHIRE BLUE</p> <p>OMEGA TWO FENCE SYSTEMS<br/>REP: CRAIG GROWN<br/>PH: (918) 302-1223<br/>WEB: <a href="http://WWW.OMEGATWO.COM">WWW.OMEGATWO.COM</a></p> | <p><b>SEAT STONES</b><br/>-20" HT. x 24" W. x 24" L.<br/>-OKLAHOMA SANDSTONE BLOCKS</p> <p>BLUEBIRD STONE<br/>PH: (918) 647-7161<br/>WEB: <a href="http://BLUEBIRD-STONE.COM">BLUEBIRD-STONE.COM</a></p> <p><b>DOG WASTE STATION</b><br/>-COMPLETE DOG WASTE STATION SINGLE-PULL</p> <p>DOG-ON-IT-PARKS<br/>PH: (877) 348-3647<br/>WEB: <a href="http://WWW.DOG-ON-IT-PARKS.COM">WWW.DOG-ON-IT-PARKS.COM</a></p> <p><b>DOG WATER STATION</b><br/>-300 SM<br/>COLOR: BLUE<br/>OPTIONS: RECESSED HOSE BIB AND LOCK DOOR</p> <p>MOST DEFENDABLE FOUNTAINS<br/>PH: (901) 867-0034<br/>WEB: <a href="http://WWW.MOSTDEFENDABLE.COM">WWW.MOSTDEFENDABLE.COM</a></p> <p><b>*ALL COLORS FOR PRODUCTS TO BE FINALIZED AND SELECTED DURING SUBMITTAL PROCESS</b></p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**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

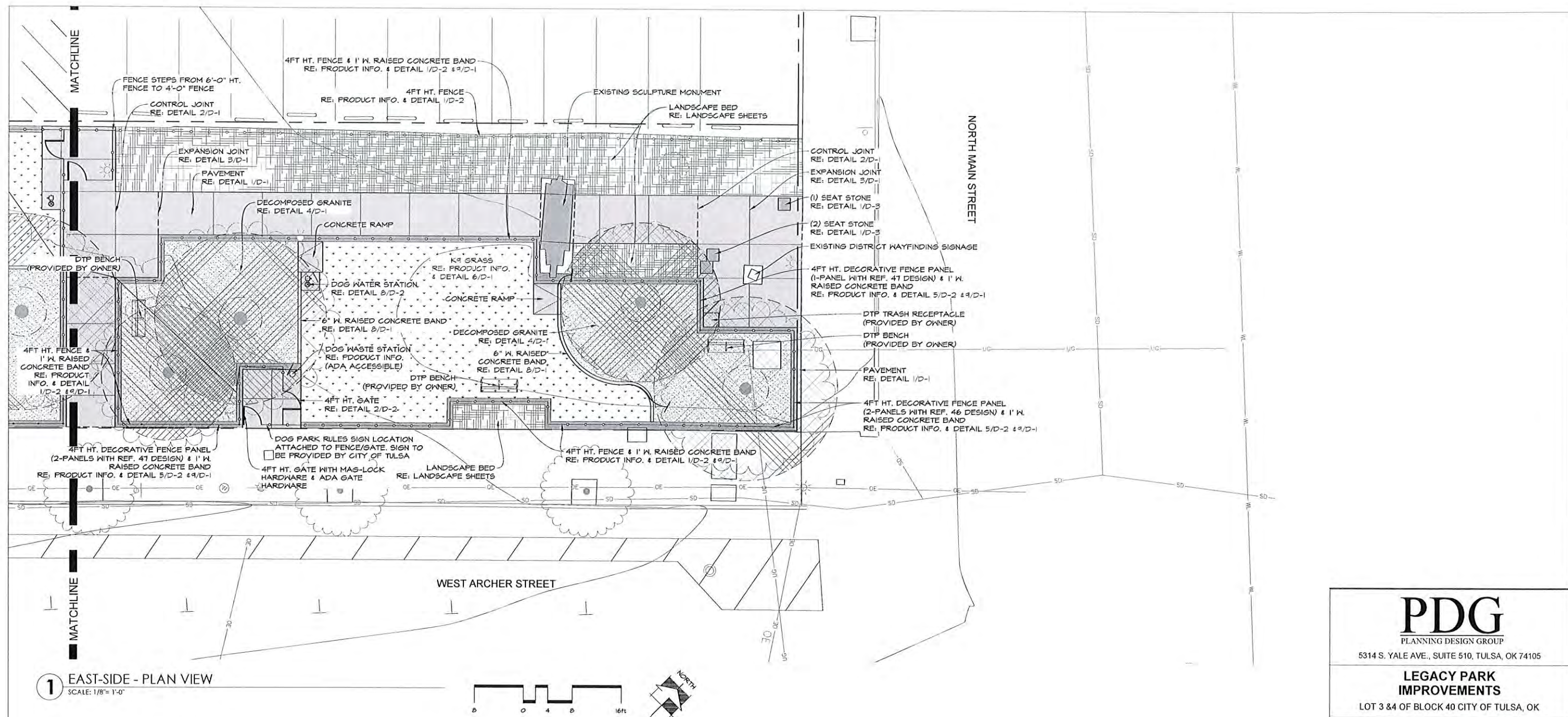
**LEGACY PARK IMPROVEMENTS**  
LOT 3 & 4 OF BLOCK 40 CITY OF TULSA, OK

PROJECT NUMBER: PR 25-6

|                                               |                             |
|-----------------------------------------------|-----------------------------|
|                                               |                             |
| CITY OF TULSA<br>CITY EXPERIENCE              |                             |
| DRAWN: WDG                                    | PROJ. MGR. <i>SL</i>        |
| DESIGNED:                                     | CDS MGR. <i>LOW Oct/25</i>  |
| SURVEY:                                       | FIELD MGR. <i>Ran 10/25</i> |
| ISSUE BLOCK                                   | BY: PDG DATE: 07/25/25      |
| 100% BID SET                                  |                             |
| SHEET NAME:<br><b>WEST - SIDE LAYOUT PLAN</b> |                             |
| SHEET NO:<br><b>L-1</b>                       |                             |

7-25-25

SHEET 4 OF 21  
PDG PROJECT # 24-43



## PRODUCT INFORMATION

DECOMPOSED GRANITE  
-DESERT GOLD SCREENINGS

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

FENCE

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

### FENCE PANELS

-HORIZONTAL (4' HT.) UNIK PANEL  
-VERTICAL (6'HT.) UNIK PANEL  
PATTERN: REF. 46 847  
COLOR: SAPHIRE BLUE

OMEGA TWO FENCE SYSTEMS  
REP: CRAIG GROW  
PH: (913) 302-1223  
WEB: [WWW.OMEGATWO.COM](http://WWW.OMEGATWO.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) 348-3647  
WEB: [WWW.DOG-ON-IT-PARKS.COM](http://WWW.DOG-ON-IT-PARKS.COM)

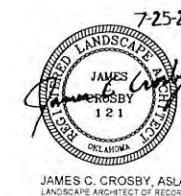
DOG WATER STATION

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

**MOST DEFENDABLE FOUNTAINS**  
PH: (901) 867-0039  
WEB: [WWW.MOSTDEFENDABLE.COM](http://WWW.MOSTDEFENDABLE.COM)

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

## LAYOUT NOTES



PDG

## LEGACY PARK IMPROVEMENTS

PROJECT NUMBER: PR 25-6



CITY EXPERIENCE



|              |     |  |            |     |          |
|--------------|-----|--|------------|-----|----------|
| DRAWN        | MDC |  | PROJ. MGR. | SL  | 10/9     |
| DESIGNED     |     |  | CDS MGR.   | DMW | 04/2     |
| SURVEY       |     |  | FIELD MGR. | DMW | 10/25    |
|              |     |  |            |     |          |
|              |     |  |            |     |          |
| ISSUE BLOCK  |     |  |            | BY: | DATE:    |
| 100% BID SET |     |  |            | PDG | 07/25/25 |
|              |     |  |            |     |          |
|              |     |  |            |     |          |
|              |     |  |            |     |          |

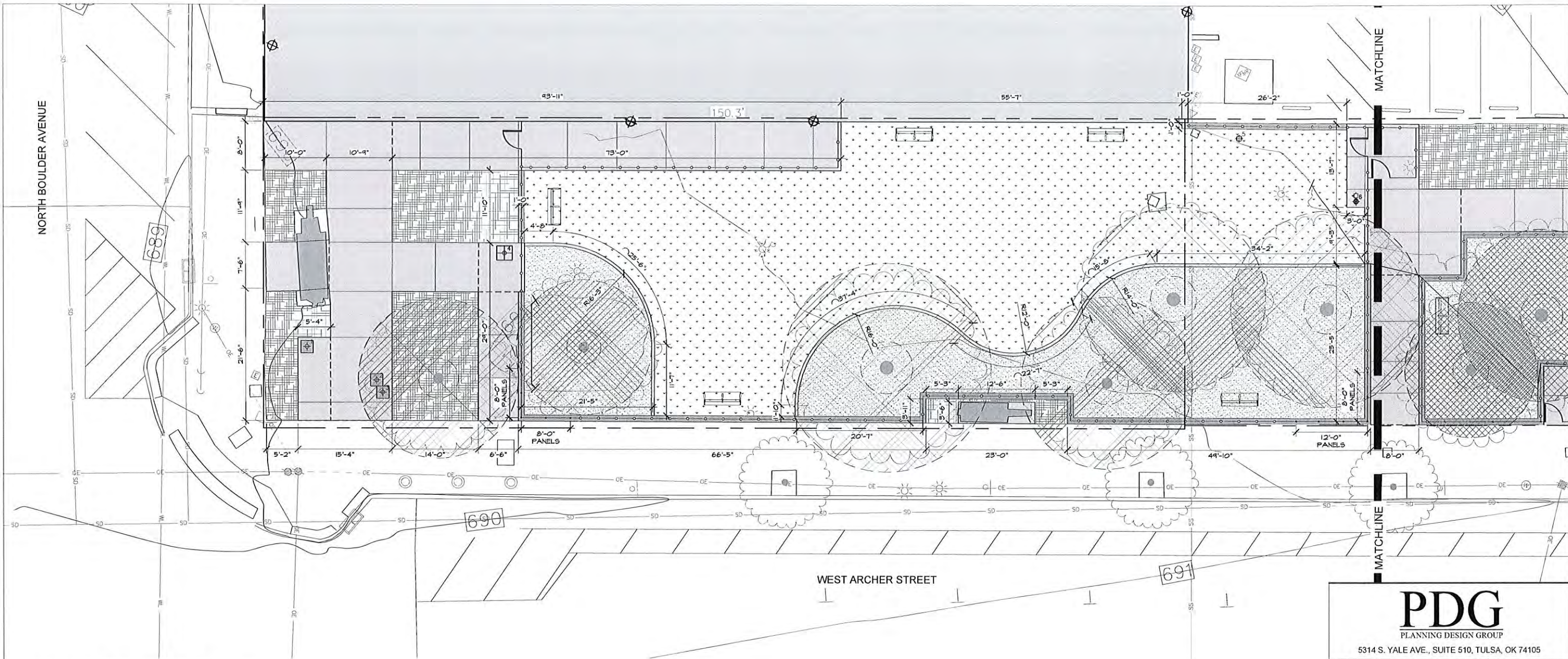
SHEET NAME:

**EAST - SIDE LAYOUT PLAN**

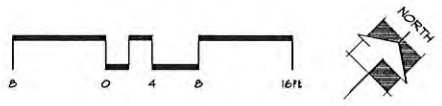
SHEET NO.  
L-2

SHEET 5 OF 21

PDG PROJECT # 24-42



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](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. ARCHITECTURAL FENCE & GATE SYSTEM  
-6' HT. ARCHITECTURAL FENCE & GATE SYSTEM  
COLOR: BLACK

**FENCE PANELS**  
-HORIZONTAL (4' HT.) UNIK PANEL  
-VERTICAL (6' HT.) UNIK PANEL  
PATTERN: REF. 46 & 47  
COLOR: SAPHIRE BLUE

OMEGA TWO FENCE SYSTEMS  
REP: CRAIG GROW  
PH: (918) 302-1223  
WEB: [WWW.OMEGATWO.COM](http://WWW.OMEGATWO.COM)
- SEAT STONES**  
-20" HT. x 24" W. x 24" L.  
-OKLAHOMA SANDSTONE BLOCKS  
BLUE/RED STONE  
PH: (918) 647-7161  
WEB: [WWW.BLUE-BIRD-STONE.COM](http://WWW.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 SM  
COLOR: BLUE  
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR  
MOST DEFENDABLE FOUNTAINS  
PH: (901) 861-0034  
WEB: [WWW.MOSTDEFENDABLE.COM](http://WWW.MOSTDEFENDABLE.COM)

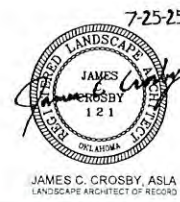
**\*ALL COLORS FOR PRODUCTS TO BE FINALIZED AND SELECTED DURING SUBMITTAL PROCESS**

NORTHING/EASTING POINT SCHEDULE

| POINT | DESCRIPTION                     | NORTHING     | EASTING       |
|-------|---------------------------------|--------------|---------------|
| 1     | SEAT STONE                      | N 421322.104 | E 2560566.044 |
| 2     | SEAT STONE                      | N 421321.837 | E 2560578.642 |
| 3     | SEAT STONE                      | N 421320.431 | E 2560580.381 |
| 4     | TRASH RECEPTACLE (DTP PROVIDED) | N 421344.243 | E 2560588.963 |
| 5     | DOG WASTE STATION               | N 421415.910 | E 2560690.019 |
| 6     | DOG WATER STATION               | N 421414.614 | E 2560711.937 |
| 7     | DOG WATER STATION               | N 421420.119 | E 2560755.413 |
| 8     | DOG WASTE STATION               | N 421405.768 | E 2560754.234 |
| 9     | TRASH RECEPTACLE (DTP PROVIDED) | N 421442.345 | E 2560817.640 |
| 10    | SEAT STONE                      | N 421444.878 | E 2560813.377 |
| 11    | SEAT STONE                      | N 421452.113 | E 2560813.459 |
| 12    | SEAT STONE                      | N 421464.582 | E 2560820.588 |

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.



**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

CITY OF TULSA  
CITY EXPERIENCE

TULSA DOWN PARTNERSHIP

|          |     |            |    |      |
|----------|-----|------------|----|------|
| DRAWN    | MDC | PROJ. MGR. | 52 | 10/4 |
| DESIGNED |     | CDS MGR.   |    |      |
| SURVEY   |     | FIELD MGR. |    |      |

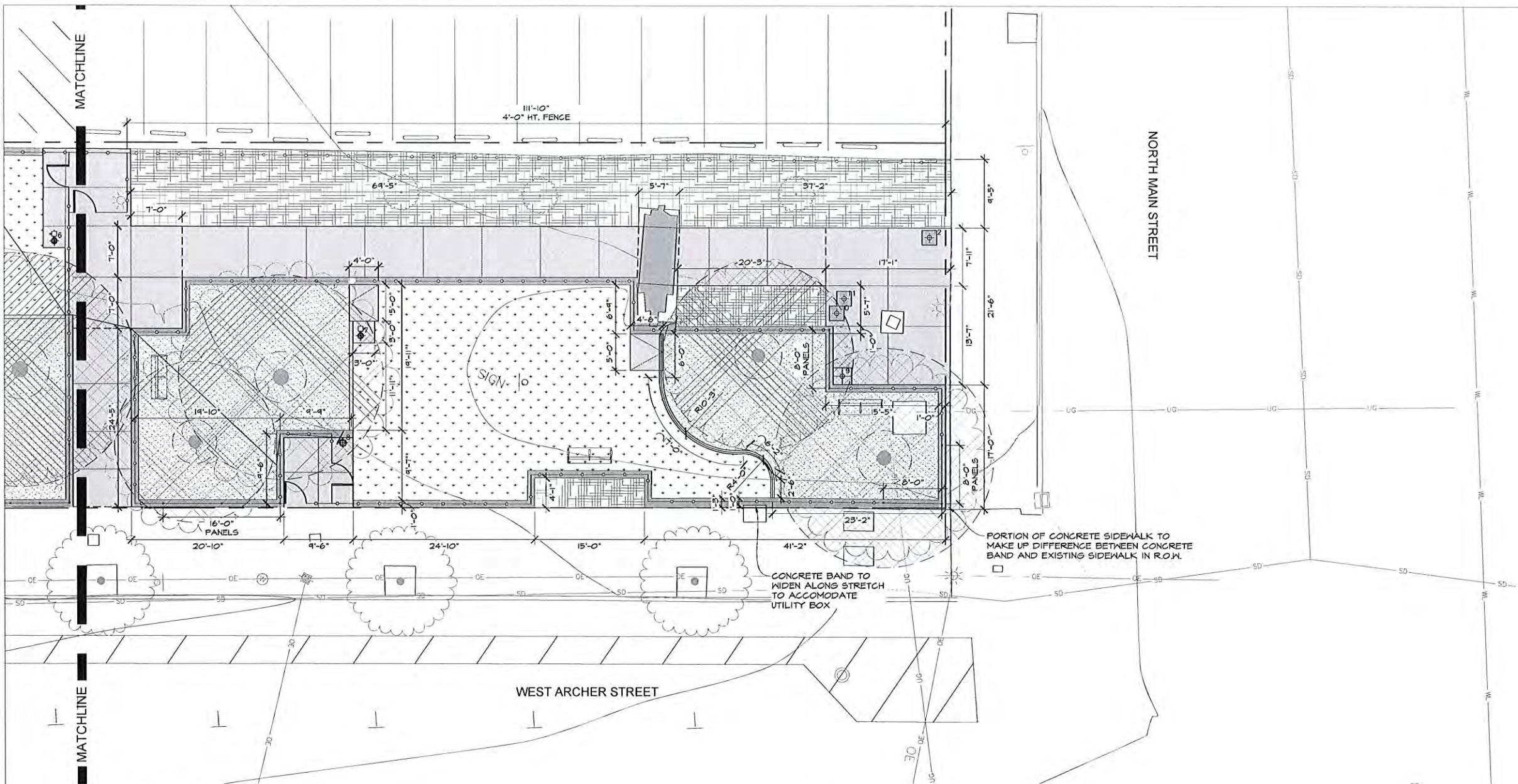
ISSUE BLOCK  
100% BID SET

BY: PDG  
DATE: 07/25/25

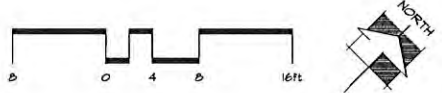
SHEET NAME  
**WEST-SIDE LAYOUT DIMENSION PLAN**

SHEET NO.  
**L-3**

SHEET 6 OF 21  
PDG PROJECT # 24-43



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



PRODUCT INFORMATION

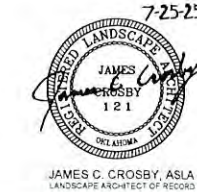
|                                                                                                                                                                                                  |                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ARTIFICIAL TURF</b><br>-K9 GRASS CLASSIC+<br><br>FOREVER LAWN TULSA<br>REP: ROSS SPENCER<br>PH: (214) 405-3096<br>WEB: <a href="http://WWW.TULSAFOREVERLAWN.COM">WWW.TULSAFOREVERLAWN.COM</a> | <b>SEAT STONES</b><br>-20" HT. x 24" W. x 24" L.<br>-OKLAHOMA SANDSTONE BLOCKS<br><br>BLUEBIRD STONE<br>PH: (918) 847-7161<br>WEB: <a href="http://BLUE-BIRD-STONE.COM">BLUE-BIRD-STONE.COM</a> |
| <b>DECOMPOSED GRANITE</b><br>-DESERT GOLD SCREENINGS<br><br>HARDSCAPE MATERIALS<br>PH: (918) 369-1170<br>WEB: <a href="http://WWW.HARDSCAPEMATERIALS.COM">WWW.HARDSCAPEMATERIALS.COM</a>         | <b>DOG WASTE STATION</b><br>-COMPLETE DOG WASTE STATION SINGLE-PULL<br><br>DOG-ON-IT-PARKS<br>PH: (877) 348-3647<br>WEB: <a href="http://WWW.DOG-ON-IT-PARKS.COM">WWW.DOG-ON-IT-PARKS.COM</a>   |
| <b>FENCE</b><br>-4' HT. ARCHITECTURAL FENCE & GATE SYSTEM<br>-6' HT. ARCHITECTURAL FENCE & GATE SYSTEM<br>COLOR: BLACK                                                                           | <b>DOG WATER STATION</b><br>-300 SM<br>COLOR: BLUE<br>OPTIONS: RECESSED HOSE BIB AND LOCK DOOR                                                                                                  |
| <b>FENCE PANELS</b><br>-HORIZONTAL (4' HT) UNIK PANEL<br>-VERTICAL (6 HT) UNIK PANEL<br>PATTERN: REF. 46 & 47<br>COLOR: SAPPHIRE BLUE                                                            | <b>MOST DEFENDABLE FOUNTAINS</b><br>PH: (901) 867-0034<br>WEB: <a href="http://WWW.MOSTDEFENDABLE.COM">WWW.MOSTDEFENDABLE.COM</a>                                                               |
| <b>OMEGA TWO FENCE SYSTEMS</b><br>REP: CRAIG GROWN<br>PH: (918) 502-1223<br>WEB: <a href="http://WWW.OMEGATWO.COM">WWW.OMEGATWO.COM</a>                                                          | <b>*ALL COLORS FOR PRODUCTS TO BE FINALIZED AND SELECTED DURING SUBMITTAL PROCESS</b>                                                                                                           |

NORTHING/EASTING POINT SCHEDULE

| POINT | DESCRIPTION                     | NORTHING     | EASTING       |
|-------|---------------------------------|--------------|---------------|
| 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 2560580.381 |
| 4     | TRASH RECEPTACLE (DTP PROVIDED) | N 427344.243 | 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 |
| 9     | TRASH RECEPTACLE (DTP PROVIDED) | N 427442.345 | E 2560817.640 |
| 10    | SEAT STONE                      | N 427444.878 | E 2560813.377 |
| 11    | SEAT STONE                      | N 427452.113 | E 2560813.459 |
| 12    | SEAT STONE                      | N 427464.582 | E 2560820.588 |

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.



**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

**CITY OF TULSA**  
CITY EXPERIENCE

**TULSA DOWN**  
PARTNERSHIP

|          |     |            |    |       |
|----------|-----|------------|----|-------|
| DRAWN    | MDC | PROJ. MGR. | SL | 10/9  |
| DESIGNED |     | CDS MGR.   |    | 10/25 |
| SURVEY   |     | FIELD MGR. |    | 10/25 |

ISSUE BLOCK

100% BID SET

BY: PDG

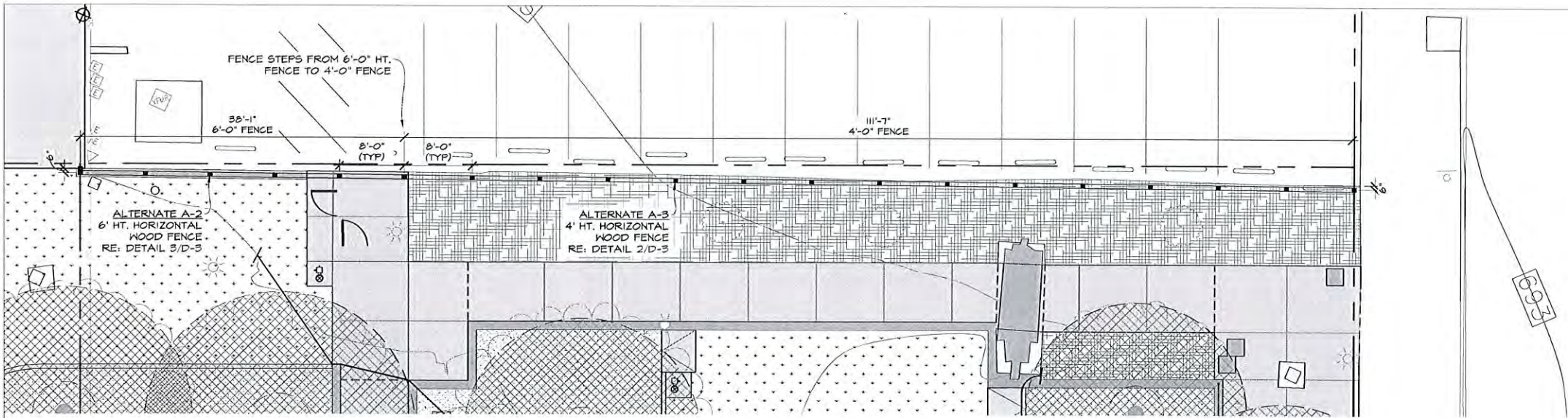
DATE: 07/25/25

SHEET NAME: EAST-SIDE LAYOUT DIMENSION PLAN

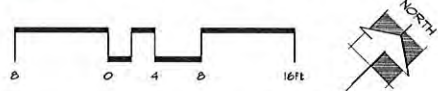
SHEET NO: L-4

SHEET 7 OF 21

PDG PROJECT # 24-43



1 ALTERNATE FENCE ADJACENT TO PARKING LOT - 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) 369-1170

WEB: WWW.HARDSCAPEMATERIALS.COM

##### FENCE

-4' HT. HORIZONTAL WOOD FENCE

-6' HT. HORIZONTAL WOOD FENCE

-STAIN COLOR: TBD

##### SEAT STONES

-18" HT. x 2' W. x 2' L.

-OKLAHOMA SANDSTONE BLOCKS

BLUEBIRD STONE

PH: (918) 647-7161

WEB: BLUEBIRD-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

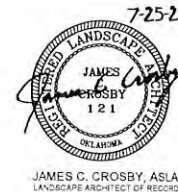
MOST DEPENDABLE FOUNTAINS

PH: (901) 867-0039

WEB: WWW.MOSTDEPENDABLE.COM

#### LAYOUT NOTES

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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



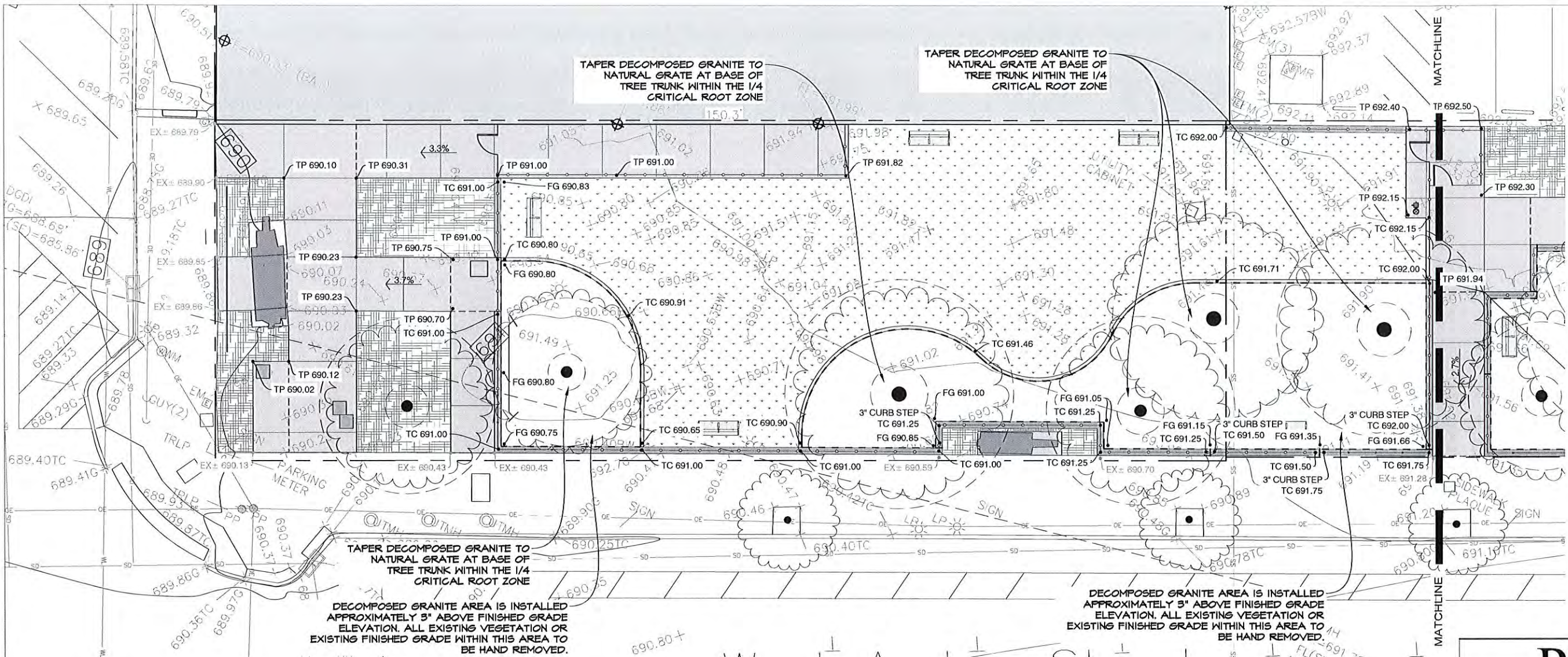
|              |     |            |     |          |
|--------------|-----|------------|-----|----------|
| DRAWN        | MDC | PROJ. MGR. | SL  | 10/9     |
| DESIGNED     |     | CDS MGR.   | BW  | 02/25    |
| SURVEY       |     | FIELD MGR. | FW  | 10/25    |
|              |     |            |     |          |
|              |     |            |     |          |
|              |     |            |     |          |
| ISSUE BLOCK  |     | BY:        | PDG | DATE     |
| 100% BID SET |     |            |     | 07/25/25 |
|              |     |            |     |          |
|              |     |            |     |          |
|              |     |            |     |          |

SHEET NAME:  
**ALTERNATE FENCE LAYOUT PLAN**

SHEET NO:  
**ALT-1**

SHEET 8 OF 21

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.



JAMES C. CROSSBY, 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

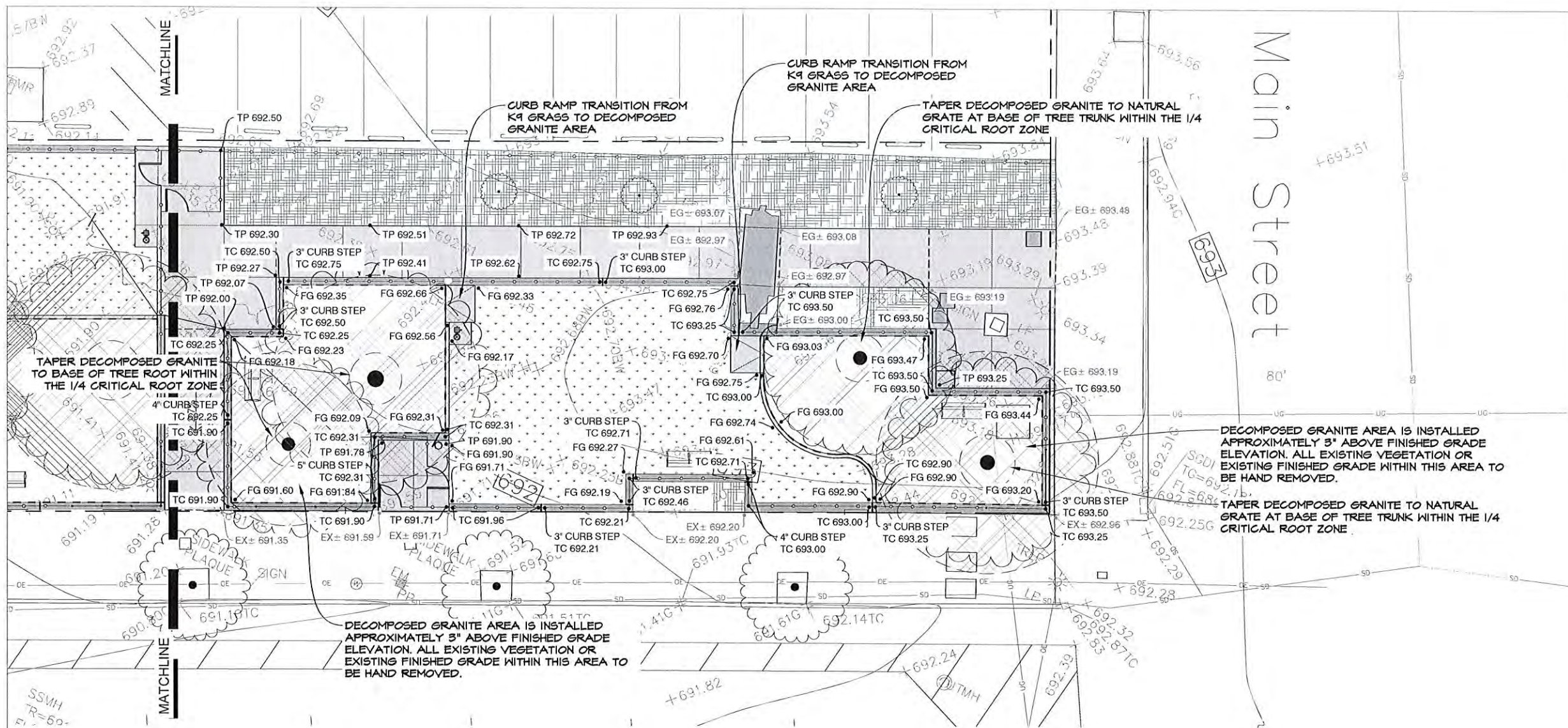


|          |     |            |     |       |
|----------|-----|------------|-----|-------|
| DRAWN    | MDC | PROJ. MGR. | 5/2 | 10/19 |
| DESIGNED |     | COS MGR.   | 5/2 | 10/25 |
| SURVEY   |     | FIELD MGR. | 22m | 10/25 |

|              |     |          |
|--------------|-----|----------|
| ISSUE BLOCK  | BY: | DATE:    |
| 100% BID SET | PDG | 07/25/25 |

## WEST-SIDE GRADING PLAN

SHEET NO.  
 GR-1



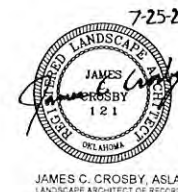
**1 GRADING - PLAN VIEW**  
SCALE: 1/8" = 1'-0"

### 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.



**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

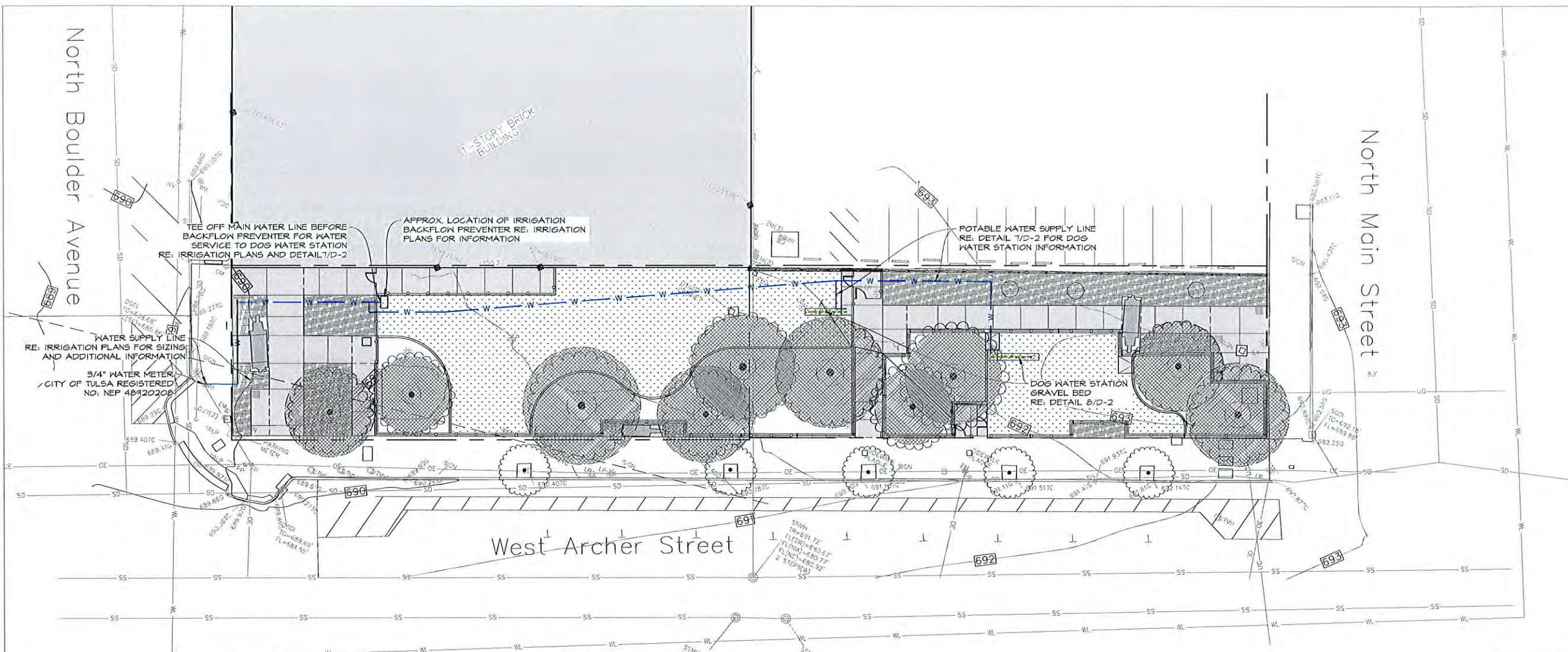
PROJECT NUMBER: PR 25-6



|              |     |            |      |                |
|--------------|-----|------------|------|----------------|
| DRAWN        | MDC | PROJ. MGR. | 32   | 10/9           |
| DESIGNED     |     | CDS MGR.   |      | 10/25          |
| SURVEY       |     | FIELD MGR. | 2/24 | 10/25          |
|              |     |            |      |                |
|              |     |            |      |                |
| ISSUE BLOCK  |     | BY:        | PDG  | DATE: 07/25/25 |
| 100% BID SET |     |            |      |                |
|              |     |            |      |                |
|              |     |            |      |                |

SHEET NAME:  
**EAST-SIDE GRADING PLAN**

SHEET NO:  
**GR-2**



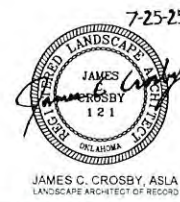
**1 UTILITIES - PLAN VIEW**  
SCALE: 1/16" = 1'-0"

**UTILITY LEGEND**

- W — WATER SUPPLY LINE
- - - - - GRAVEL DRAIN BED  
RE: DETAIL 8/D-2

**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.



**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

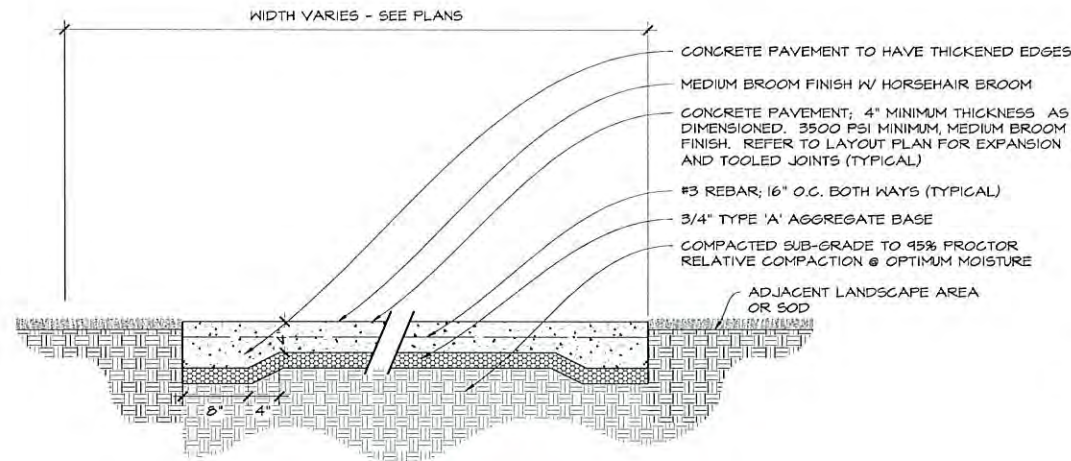
PROJECT NUMBER: PR 25-6



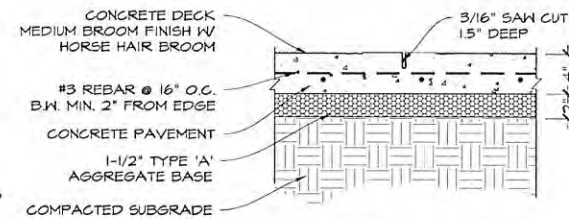
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|----------|-----|------------|-------|
| DRAWN    | MDC | PROJ. MGR. | 52    |
| DESIGNED |     | CDS MGR.   | 10/19 |
| SURVEY   |     | FIELD MGR. | 10/25 |

|              |     |          |
|--------------|-----|----------|
| ISSUE BLOCK  | BY: | DATE:    |
| 100% BID SET | PDG | 07/25/25 |

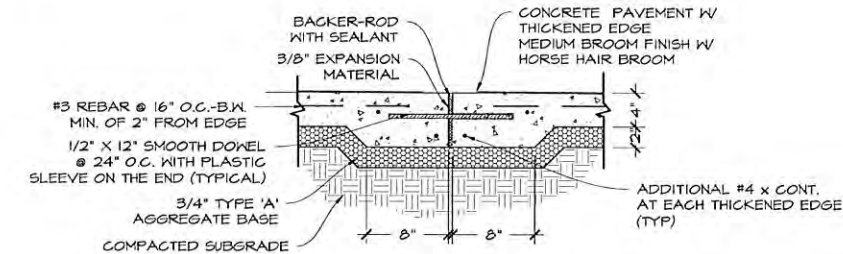
SHEET NAME:  
**OVERALL UTILITY PLAN**  
SHEET NO:  
**UT-1**



**1 PEDESTRIAN CONCRETE PAVING - SECTION**  
1" = 1'-0"

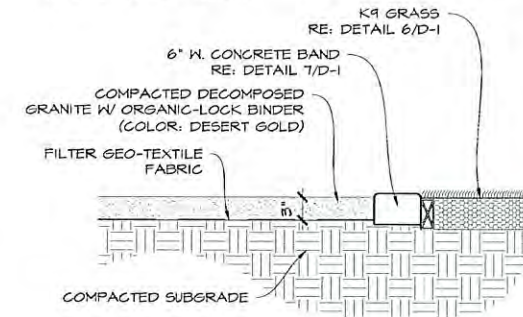


**2 CONCRETE SAW CUT JOINT - SECTION**  
1" = 1'-0"

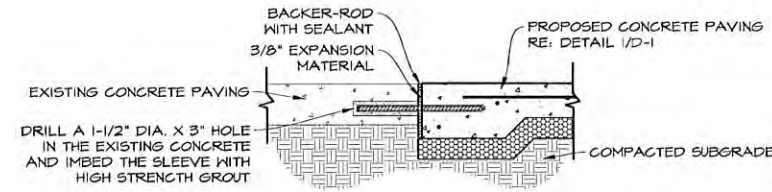


**3 PEDESTRIAN EXPANSION JOINT (TYP) - SECTION**  
1" = 1'-0"

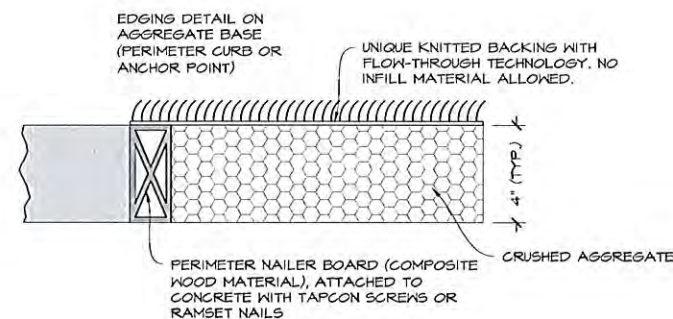
- NOTES:**
1. DECOMPOSED GRANITE SHALL BE DESERT GOLD AT (3/8" MINUS).
  2. BINDER SHALL BE USED IN ALL DECOMPOSED GRANITE APPLICATIONS AND SHALL BE PRE-MIXED W/ BINDER OFF SITE BY THE SUPPLIER.
  3. BINDER SHALL BE ORGANIC-LOCK BINDER, NON-TOXIC ORGANIC BINDER THAT IS A COLORLESS AND ODORLESS CONCENTRATED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



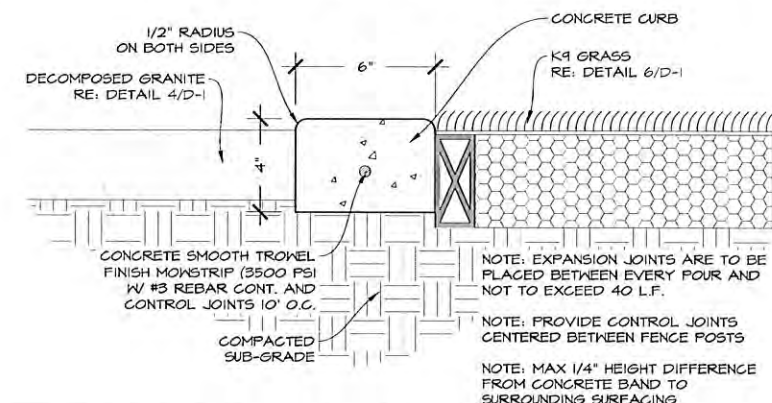
**4 DECOMPOSED GRANITE - SECTION**  
1" = 1'-0"



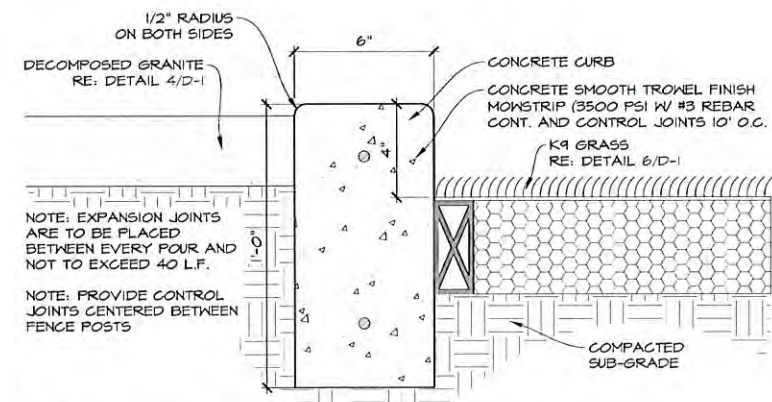
**5 CONCRETE JOINT AT EXISTING PAVING - SECTION**  
1" = 1'-0"



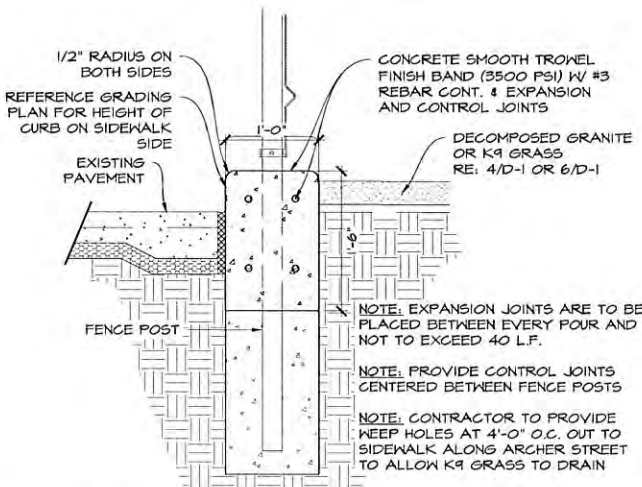
**6 K9 GRASS (PERIMETER CONCRETE EDGE) - SECTION**  
NOT TO SCALE



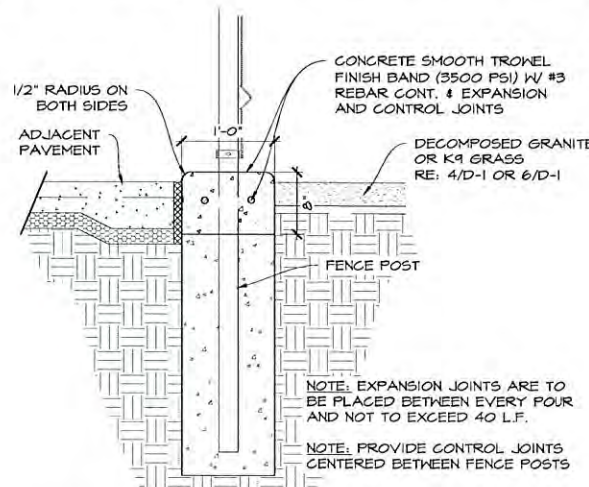
**7 6" W. CONCRETE BAND - SECTION**  
3" = 1'-0"



**8 6" W. CONCRETE BAND STEP - 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"

**PRODUCT INFORMATION**

**ARTIFICIAL TURF**

-K9 GRASS CLASSIC+

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

**DECOMPOSED GRANITE**

-DESERT GOLD SCREENING

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) 647-161

WEB: [WWW.BLUEBIRDSTONE.COM](http://WWW.BLUEBIRDSTONE.COM)

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

**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

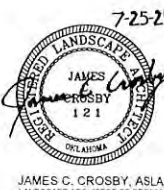
PROJECT NUMBER: PR 25-6



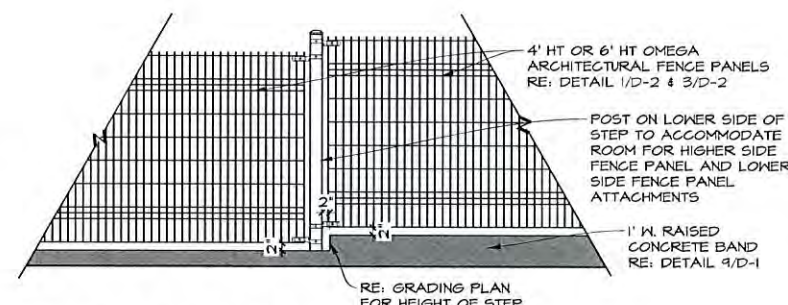
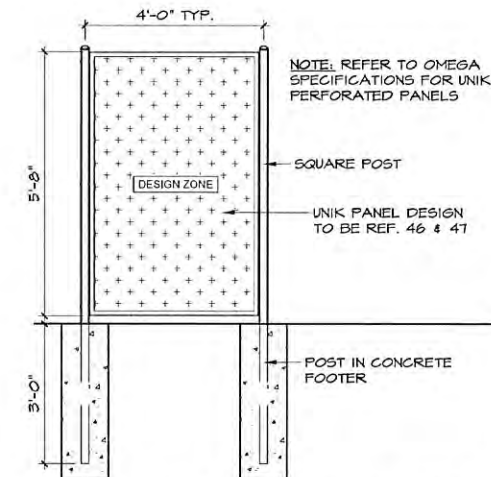
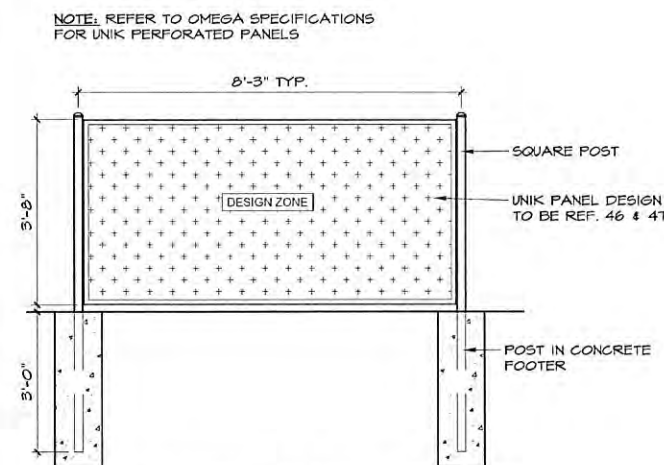
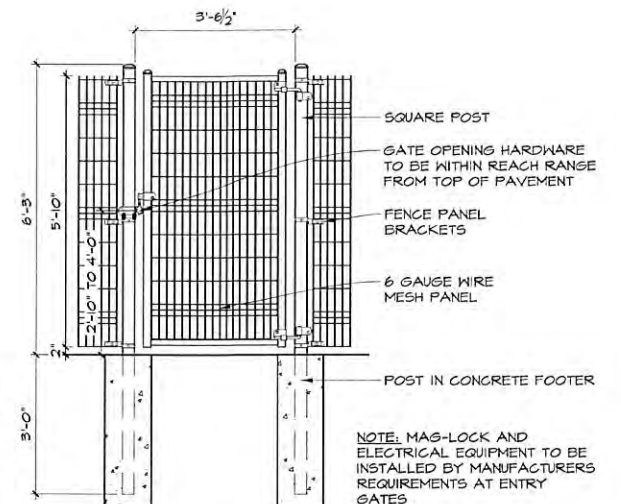
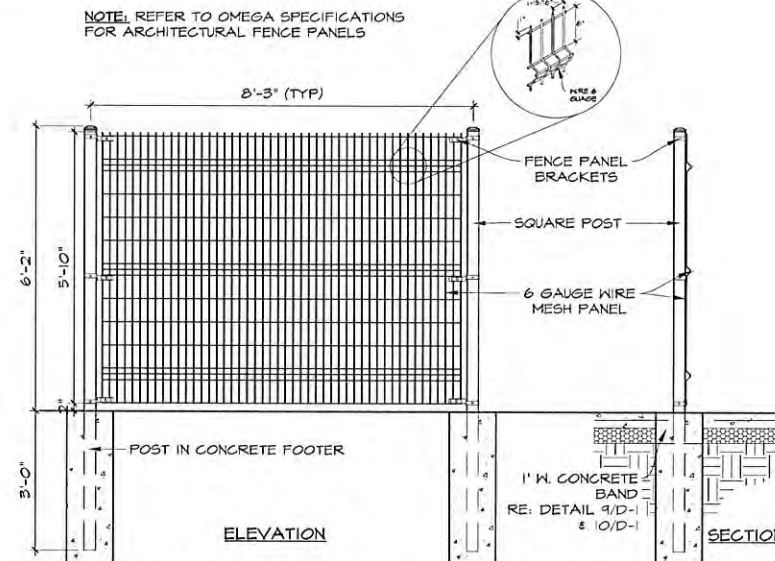
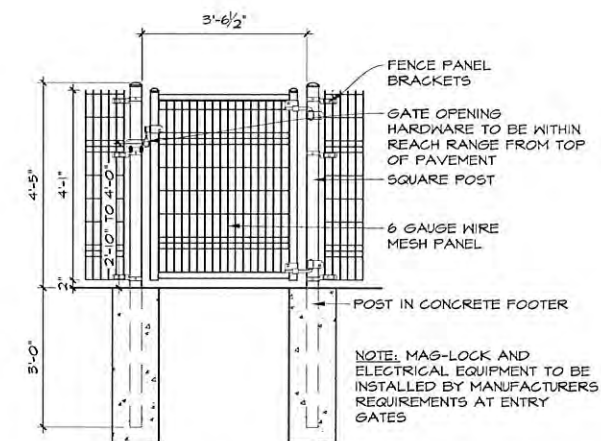
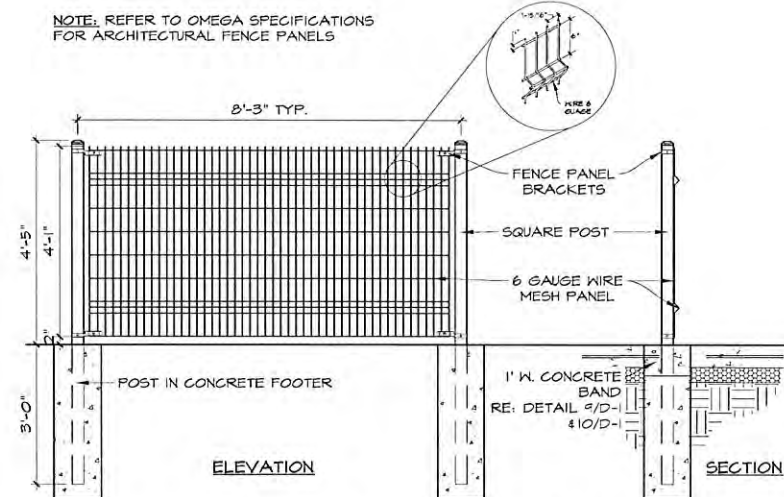
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|----------|-----|------------|----|---------|
| DRAWN    | MDC | PROJ. MGR. | 31 | 10/9    |
| DESIGNED |     | CDS MGR.   | SW | 2/12/26 |
| SURVEY   |     | FIELD MGR. | SW | 10/25   |

|              |     |          |
|--------------|-----|----------|
| ISSUE BLOCK  | BY  | DATE     |
| 100% BID SET | PDG | 07/25/25 |

|            |                      |
|------------|----------------------|
| SHEET NAME | CONSTRUCTION DETAILS |
| SHEET NO.  | D-1                  |



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD



## PRODUCT INFORMATION

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

FENCE PANELS  
-HORIZONTAL (4' HT.) UNIK PANEL  
-VERTICAL (6'HT.) UNIK PANEL  
PATTERN: REF. 46 & 47  
COLOR: SAPPHIRE BLUE

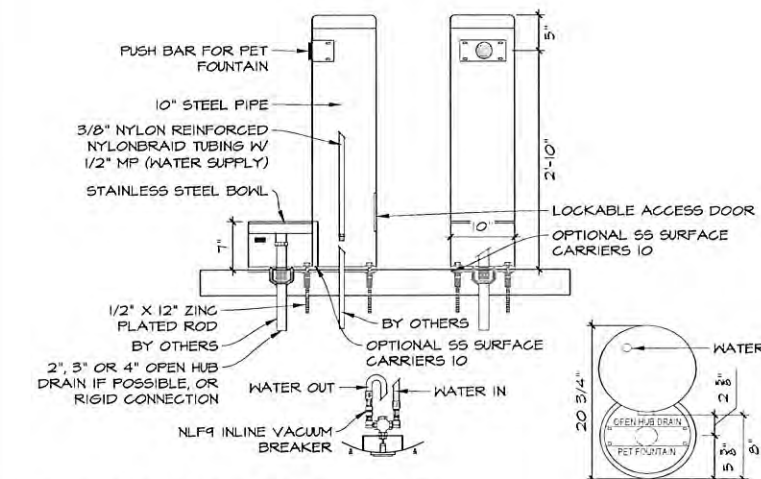
OMEGA TWO FENCE SYSTEMS  
REP: CRAIG GROW  
FH: (913) 302-1223  
WEB: [WWW.OMEGATWO.COM](http://WWW.OMEGATWO.COM)

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)

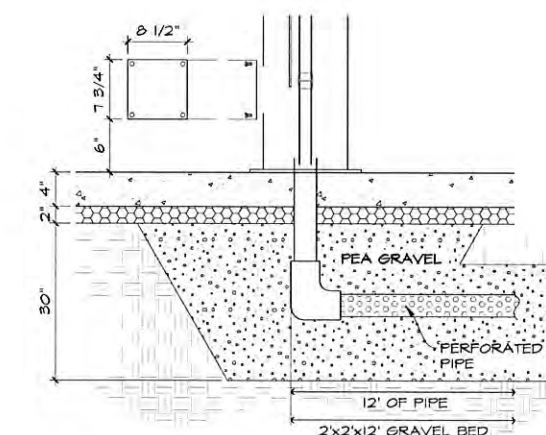
DOG WATER STATION  
-300 SM  
COLOR: BLUE  
OPTIONS: RECESSED HOSE BIB AND LOCK DOOR

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



**NOTES:**

1. FET 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 IO.
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.CADDTEALS.COM/INFO](http://WWW.CADDTEALS.COM/INFO) AND ENTER REFERENCE NUMBER 3354-a1.



7-25-81



JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT/ECOLOGICAL RECORDS

# 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



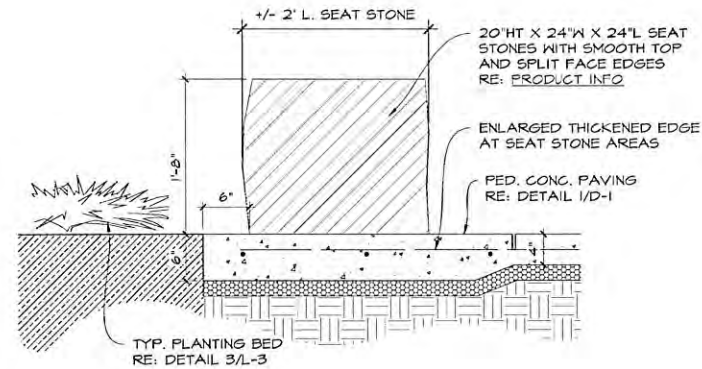
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|--------------|-----|------------|-----------------------|
| DRAWN        | MDC | PROJ. MGR. | 32<br>JW<br>10/9      |
| DESIGNED     |     | CDS MGR.   | 10/25                 |
| SURVEY       |     | FIELD MGR. | 2am<br>10/26          |
|              |     |            |                       |
|              |     |            |                       |
| ISSUE BLOCK  |     |            | BY:                   |
| 100% BID SET |     |            | DATE:<br>PDG 07/25/26 |
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|              |     |            |                       |

SHEET NAME:

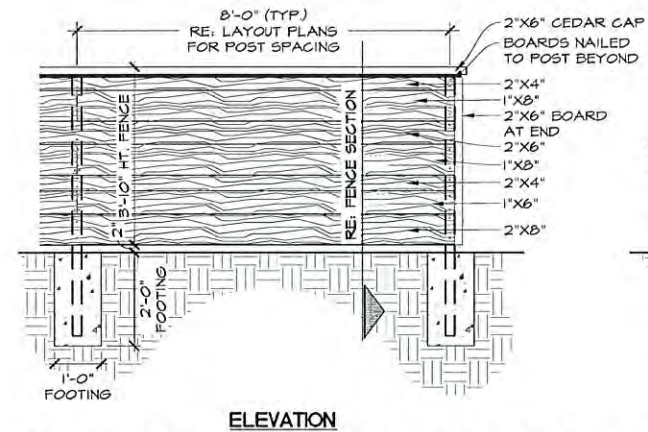
**CONSTRUCTION DETAILS**

SHEET NO. D-2

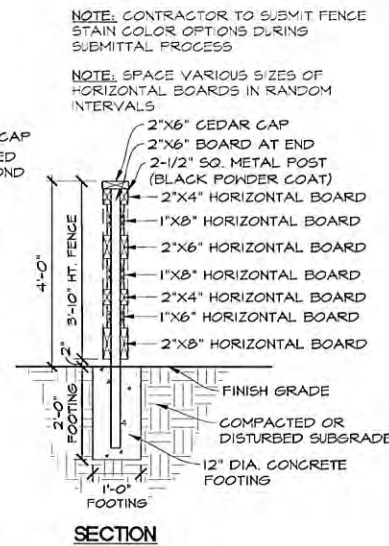
FDG PROJECT # 24-43



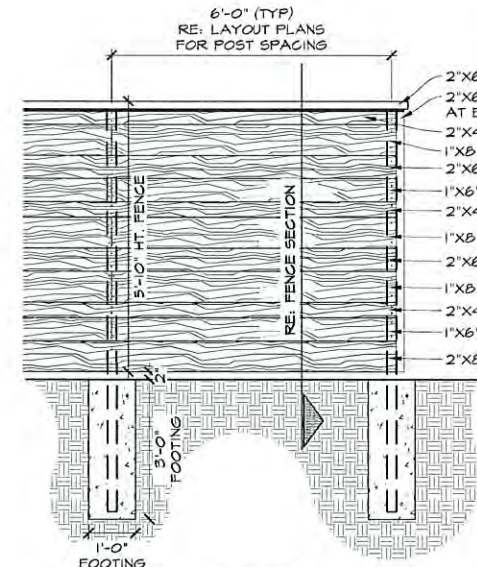
**1 SEAT STONE - SECTION**  
1/2' = 1'-0"



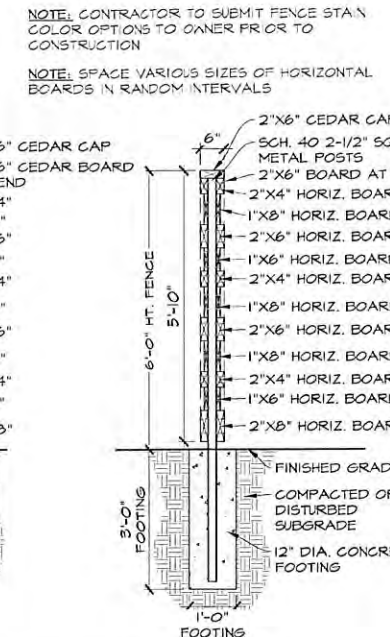
**2 (ALTERNATE) 48" HT. HORIZONTAL WOOD FENCE - DETAIL**  
1/2' = 1'-0"



**SECTION**



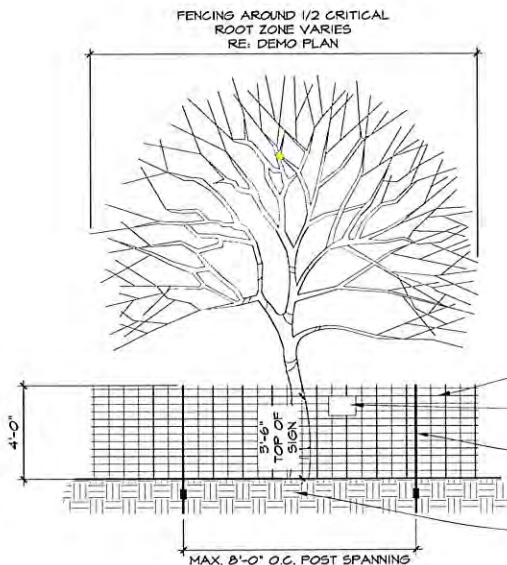
**ELEVATION**



**SECTION**

NOTE: CONTRACTOR TO SUBMIT FENCE STAIN COLOR OPTIONS TO OWNER PRIOR TO CONSTRUCTION

NOTE: SPACE VARIOUS SIZES OF HORIZONTAL BOARDS IN RANDOM INTERVALS



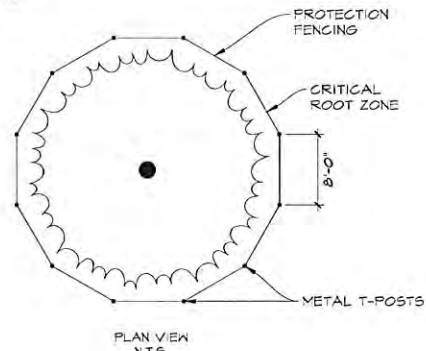
**4 TREE PROTECTION FENCING**  
1/4' = 1'-0"

**GENERAL NOTES:**

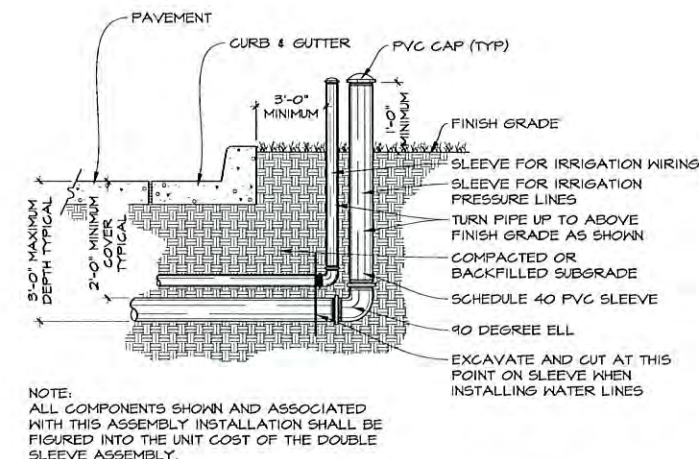
1. PRIOR TO GRADING, CONSTRUCTION OR LAND DEVELOPMENT, THE DEVELOPER SHALL CLEARLY MARK ALL TREES TO BE PRESERVED.
2. THE DEVELOPER SHALL ERECT A PLASTIC MESH FENCE A MINIMUM OF FOUR FEET (4') IN HEIGHT AT THE DRIP LINE AROUND EACH TREE OR GROUP OF TREES TO PREVENT THE PLACEMENT OF DEBRIS OR FILL WITHIN THE DRIP LINE OF ANY TREE AND THE DISTURBANCE OF SOIL BELOW THE CANOPY.
3. DURING THE CONSTRUCTION STAGE OF DEVELOPMENT, THE DEVELOPER SHALL PROHIBIT CLEANING, PARKING, OR STORAGE OF EQUIPMENT OR MATERIALS UNDER THE CANOPY OF ANY TREE OR GROUP OF TREES. NO DISPOSAL OF ANY WASTE MATERIAL SUCH AS, BUT NOT LIMITED TO, PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR, ETC., UNDER THE CANOPY OF ANY TREE OR GROUP OF TREES SHALL BE PERMITTED TO OCCUR.
4. NO ATTACHMENTS OR WIRES OF ANY KIND, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHOULD BE ATTACHED TO ANY TREE. NO THINE SHALL BE LEFT ON THE TREE SUCH THAT IT WOULD GIRDLE THE TRUNK CAUSING PREMATURE DEATH.
5. NO FILL OR EXCAVATION MAY OCCUR WITHIN THE CRITICAL ROOT ZONE OF A TREE TO BE PRESERVED UNLESS THERE IS A SPECIFIC APPROVED PLAN. MAJOR CHANGES OF GRADE (SIX INCHES (6") OR GREATER) WILL REQUIRE ADDITIONAL MEASURES TO MAINTAIN PROPER OXYGEN AND WATER EXCHANGE WITH THE ROOTS.
6. UTILITY, PLUMBING OR IRRIGATION TRENCHES SHALL BE HAND DUG WITHIN THE CRITICAL ROOT ZONE. ALL WORK IS TO BE COORDINATED WITH THE CITY ARBORIST AND LANDSCAPE ARCHITECT.
7. DECOMPOSED GRANITE OR PLANTING BED MATERIAL TO BE TAPERED WITHIN THE 1/4 OF THE CRITICAL ROOT ZONE. THE TAPER IS TO MEET THE NATURAL GRADE AROUND THE BASE OF THE EXISTING TREES.

**SIGN NOTES:**

1. SIZE: 14"x10"
2. AVERAGE TEXT SIZE 2 1/32"
3. MATERIAL: .035" POLYTHENE PLASTIC
4. MOUNTING: FOUR 7/32" HOLES (#10 OR 3/16" SCREW RECOMMENDED)
5. CORNER RADIUS: 1/4"
6. ATTACH WITH ZIP TIES 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.



**PLAN VIEW**  
N.T.S.



NOTE: ALL COMPONENTS SHOWN AND ASSOCIATED WITH THIS ASSEMBLY INSTALLATION SHALL BE FIGURED INTO THE UNIT COST OF THE DOUBLE SLEEVE ASSEMBLY.

**5 SLEEVE AND CONDUIT ASSEMBLY - SECTION**  
3/4' = 1'-0"

**PRODUCT INFORMATION**

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

**BLUESIRD STONE**  
PH: (918) 647-1161  
WEB: WWW.BLUEBIRDSTONE.COM

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

**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



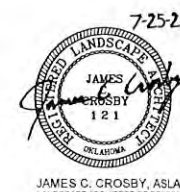
|          |     |            |    |       |
|----------|-----|------------|----|-------|
| DRAWN    | MDC | PROJ. MGR. | 52 | 10/9  |
| DESIGNED |     | CDS MGR.   | 52 | 10/25 |
| SURVEY   |     | FIELD MGR. | 52 | 10/25 |

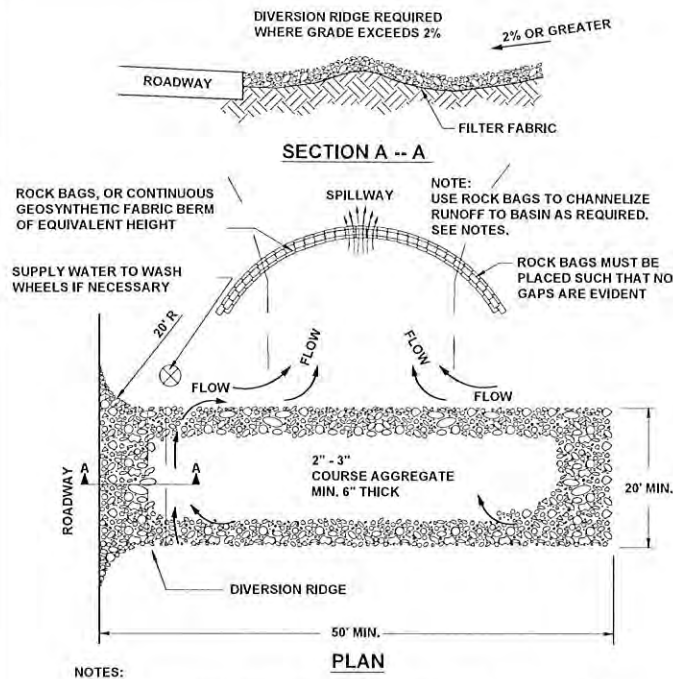
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|--------------|-----|----------|
| ISSUE BLOCK  | BY: | DATE:    |
| 100% BID SET | PDG | 07/25/25 |

|            |  |
|------------|--|
| SHEET NAME |  |
| SHEET NO.  |  |

**CONSTRUCTION DETAILS**

|     |                     |
|-----|---------------------|
| D-3 | SHEET 14 OF 21      |
|     | PDG PROJECT # 24-43 |





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 ERODIVE 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 LOOSENEED 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 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            | ACRE   | QUANTITY PER 1000 S.F. | PLANTING DATE  | DEPTH   |
|------------------|--------|------------------------|----------------|---------|
| ANNUAL ELBON RYE | 40 LBS | 0.90 LBS               | 09/15 TO 11/30 | 1/4 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 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.

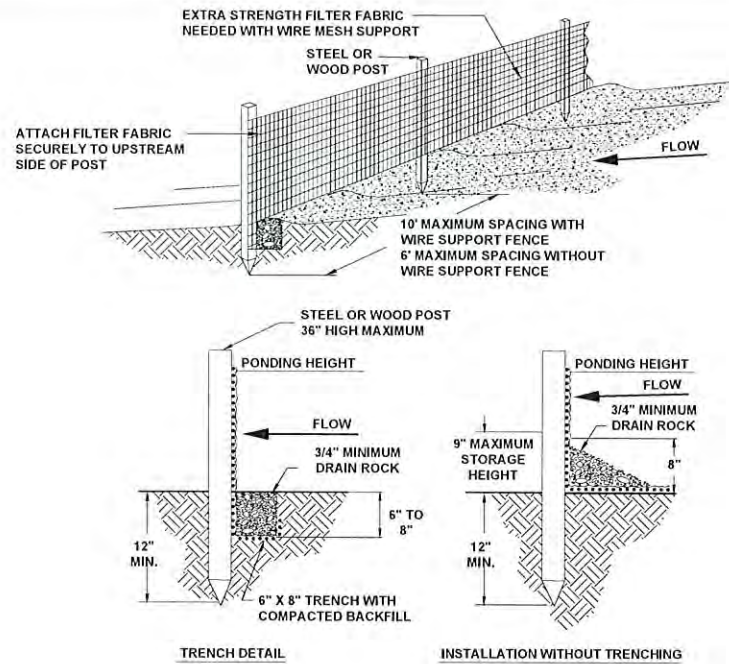
### Permanent Erosion Control

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     | 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.

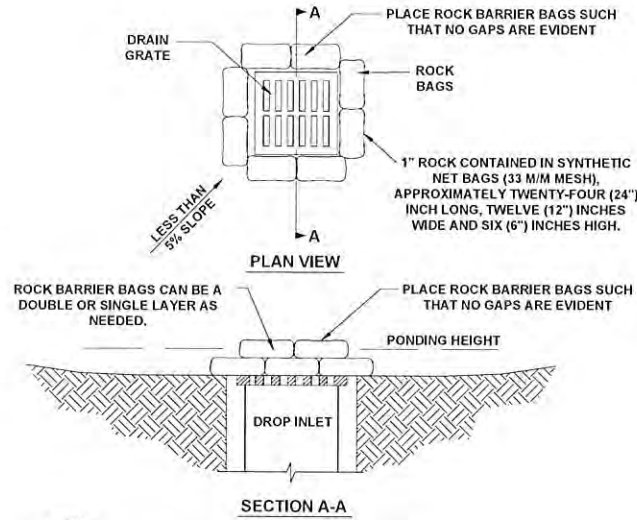


NOTES:

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

**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



|          |     |            |     |       |
|----------|-----|------------|-----|-------|
| DRAWN    | MDG | PROJ. MGR. | SL  | 10/9  |
| DESIGNED |     | CDS MGR.   | SL  | 10/25 |
| SURVEY   |     | FIELD MGR. | ZAM | 10/25 |

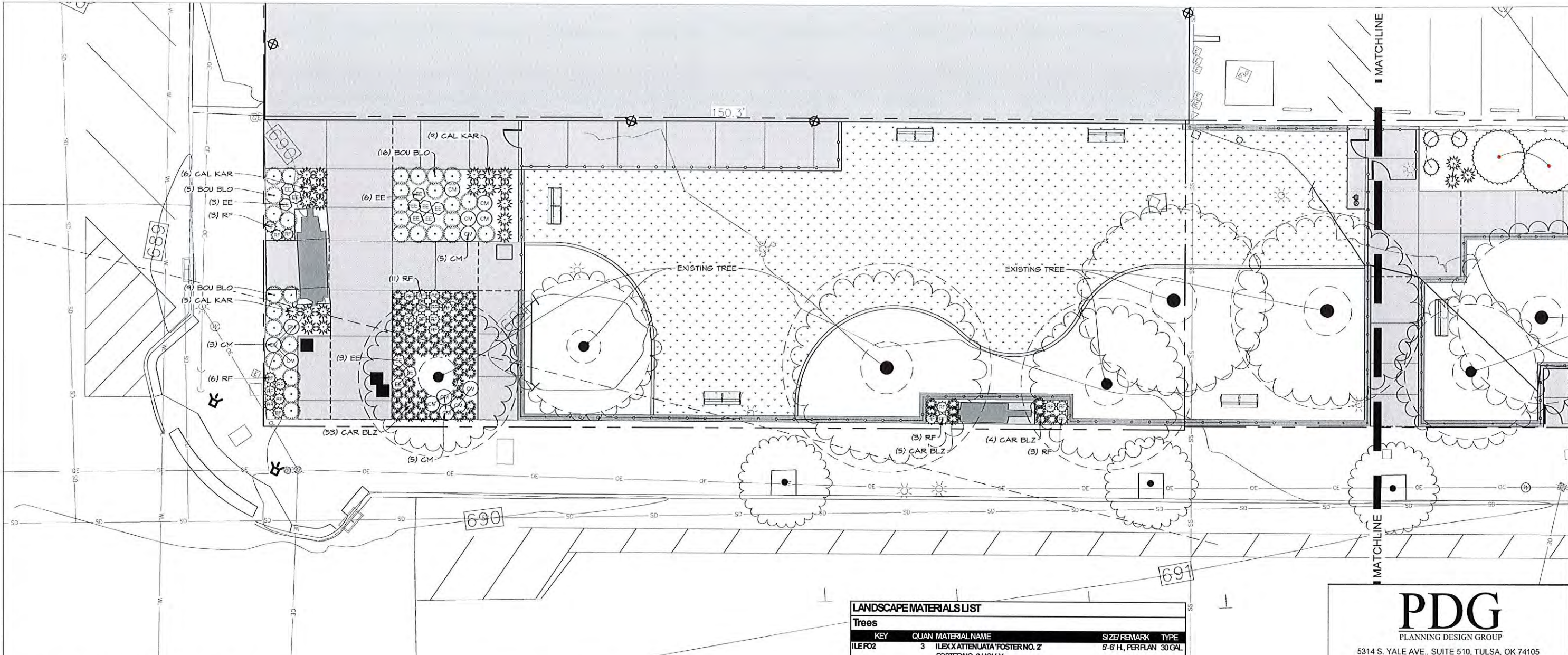
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| ISSUE BLOCK  | BY: | DATE:    |
| 100% BID SET | PDG | 07/25/25 |

|                             |  |
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| SHEET NAME:                 |  |
| <b>CONSTRUCTION DETAILS</b> |  |
| SHEET NO.                   |  |
| <b>D-4</b>                  |  |

SHEET 15 OF 21

PDG PROJECT # 24-43





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



| 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 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | FOSTER NO. 2 HOLLY                         |                     |        |
| MAG LIT                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3    | MAGNOLIA GRANDIFLORA 'LITTLE GEM'          | 5'-6" H., PER PLAN  | 30 GAL |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | LITTLE GEM DA VARE' SOUTHERN MAGNOLIA      |                     |        |
| JUN TAY                                                                                                                                                                                                                                                                                                                                                                                                                                          | 6    | JUNIPERUS VIRGINIANA 'TAYLOR'              | 6'-7" H., PER PLAN  | 30 GAL |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | TAYLOR JUNIFER                             |                     |        |
| 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 FEATHER FINE 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 'PASTORAL'                       | 8'-12" H., 24" O.C. | 1 GAL  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | POMMOM™ WILD BERRY CONEFLOWER              |                     |        |
| PHY BES                                                                                                                                                                                                                                                                                                                                                                                                                                          | 10   | PHYSCARPUS OPULIFOLIUS 'MONLO'             | 18"-24" H., 6" O.C. | 5 GAL  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      | DIABLO™ NINEBARK                           |                     |        |
| 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 OBTAINING 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

CITY OF TULSA

CITY EXPERIENCE

NEW TULSA DOWN

PARTNERSHIP

|          |     |            |    |       |
|----------|-----|------------|----|-------|
| DRAWN    | MDC | PROJ. MGR. | 32 | 10/9  |
| DESIGNED |     | CDS MGR.   | 44 | 10/25 |
| SURVEY   |     | FIELD MGR. | 22 | 10/25 |

|              |     |          |
|--------------|-----|----------|
| ISSUE BLOCK  | BY: | DATE:    |
| 100% BID SET | PDG | 07/25/25 |

SHEET NAME:

WEST-SIDE LANDSCAPE PLAN

SHEET NO:

LS-1

7-25-25

JAMES C. CROSBY

121

LANDSCAPE ARCHITECT

JAMES C. CROSBY, ASLA  
LANDSCAPE ARCHITECT OF RECORD

PDG PROJECT # 24-43



# PDG

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



|              |     |            |          |
|--------------|-----|------------|----------|
| DRAWN        | MDC | PROJ. MGR. | 5/10/19  |
| DESIGNED     |     | CDS MGR.   | 10/19    |
| SURVEY       |     | FIELD MGR. | 10/25    |
|              |     |            |          |
|              |     |            |          |
| ISSUE BLOCK  |     |            | BY:      |
| 100% BID SET |     |            | PDG      |
|              |     |            | 07/25/25 |
|              |     |            |          |
|              |     |            |          |
|              |     |            |          |

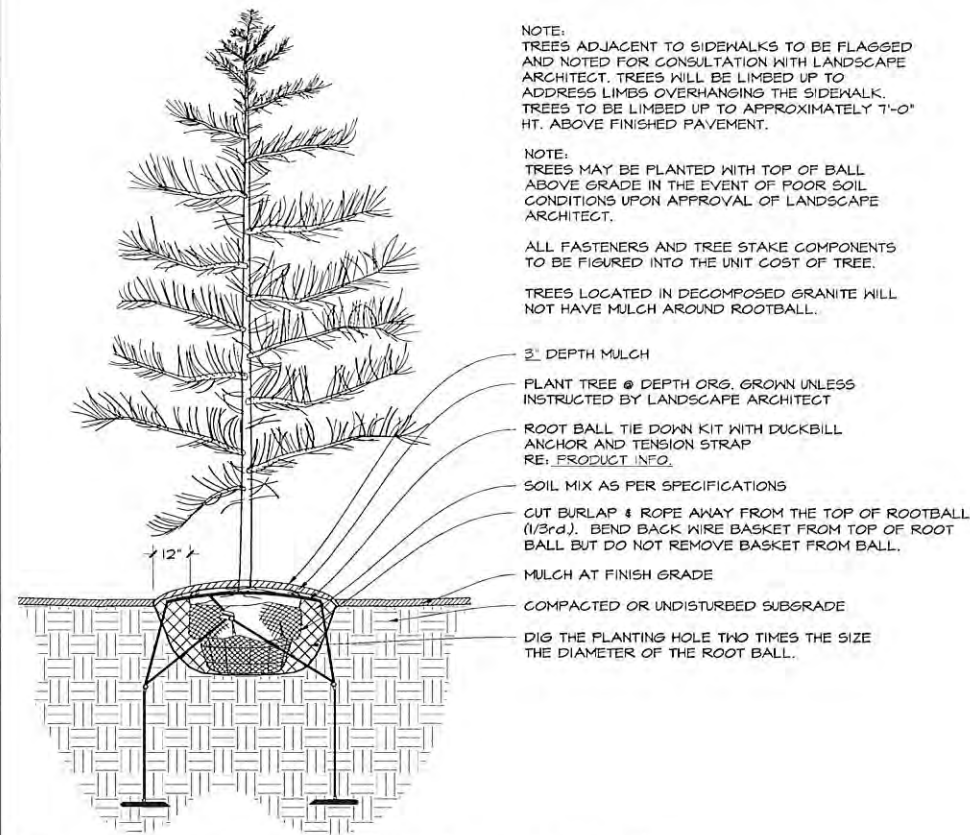
SHEET NAME:

**EAST-SIDE LANDSCAPE PLAN**

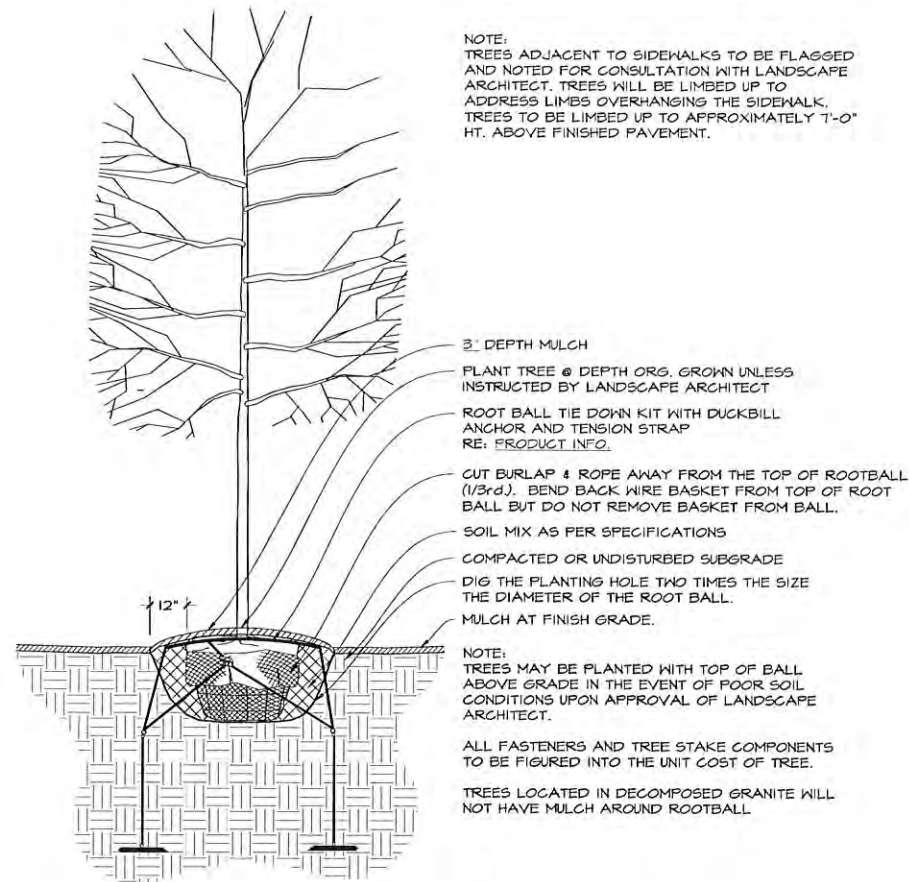
SHEET NO.  
LS-2

SHEET 17 OF 21

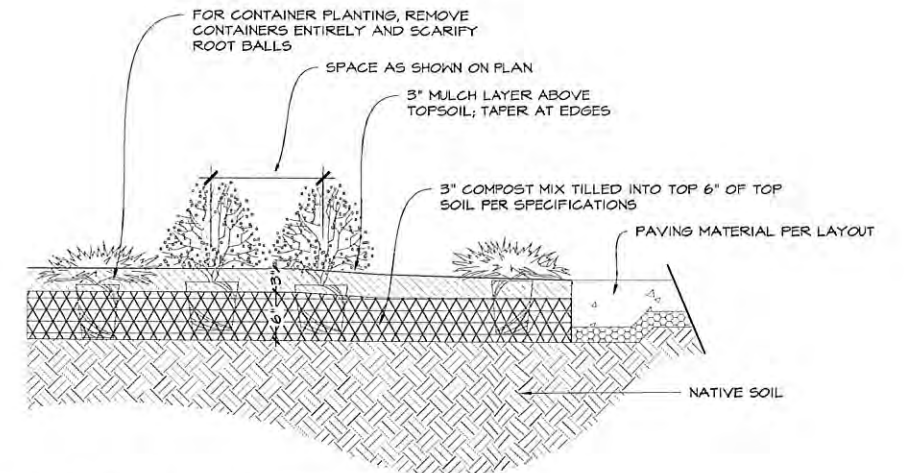
PDG PROJECT # 24-43



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



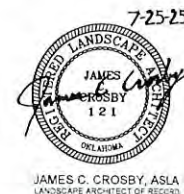
2 DECIDUOUS TREE PLANTING - TYPICAL SECTION  
1" = 1'-0"



3 TYPICAL PLANTING BED - DETAIL

## PLANTING NOTES

- CONTRACTOR TO MAKE PLANT MATERIAL ADJUSTMENTS TO MEET SITE CONDITIONS AFTER PRIOR APPROVAL BY THE LANDSCAPE ARCHITECT OR OWNER.
- OUTLINE ALL PLANTING BEDS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH BED PREPARATION.
- STAKE ALL TREE LOCATIONS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO DIGGING TREE PITS.
- REMOVE ALL WEEDS AND GRASSES FROM PLANTING BEDS. IF BERMUDA GRASS IS PRESENT, IT SHALL BE ERADICATED BY APPROVED MEANS.
- 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").
- ALL VEGETATION MUST BE PLANTED IN SUCH A MANNER THAT SIGHT DISTANCE TRIANGLES ARE NOT OBSTRUCTED.
- 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.
- ALL TREES SHALL BE TIED DOWN WITH DUCKBILL ROOTBALL ANCHOR SYSTEM AS PER DETAIL.
- APPLY OSMOCOTE AT A RATE OF 1/2 POUND PER TREE AND 1 POUND PER 100 SQUARE FEET TO SHRUB AND GROUND COVER PLANTING BEDS.
- FOR LANDSCAPE ONE-YEAR WARRANTY REFER TO SECTION 329300 SECTION 1.06 WARRANTY PERIOD AND REPLACEMENT.



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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



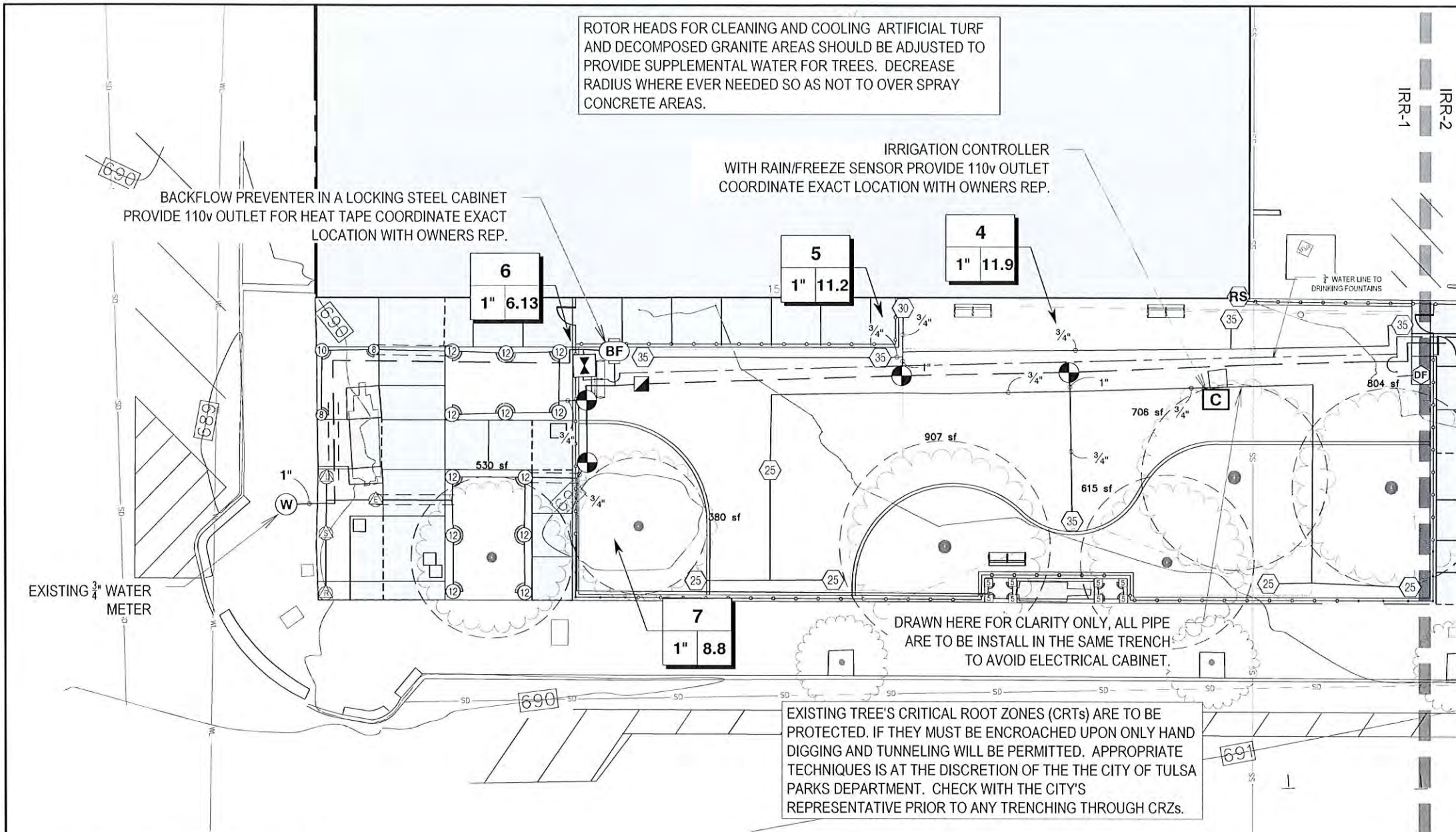
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| DRAWN        | MDC | PROJ. MGR. | SL  | 10/9     |
| DESIGNED     |     | CDS MGR.   | SL  | 08/25    |
| SURVEY       |     | FIELD MGR. | SL  | 11/25    |
|              |     |            |     |          |
|              |     |            |     |          |
| ISSUE BLOCK  |     | BY:        | PDG | DATE:    |
| 100% BID SET |     |            |     | 07/25/25 |
|              |     |            |     |          |
|              |     |            |     |          |

SHEET NAME:  
**LANDSCAPE DETAILS**

SHEET NO:  
**LSD-1**

SHEET 18 OF 21

PDG PROJECT # 2443

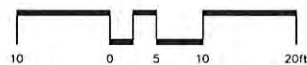


# 1 WEST END LAYOUT - PLAN VIEW

SCALE: 1"= 10'-0"

## GENERAL NOTES

- 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.
- 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 VARY DUE TO FIELD ADJUSTMENTS FOR EXISTING CONDITIONS AND OTHER OBSTRUCTIONS TO PROVIDE THE PROPER AND INTENDED COVERAGE.
- 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.
- 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.
- CONTRACTOR SHALL INSTALL ALL EQUIPMENT AS PER MANUFACTURE'S CURRENT SPECIFICATIONS AND IN ACCORDANCE WITH ALL LAWS AND CODES THAT GOVERN TULSA, OK.
- 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.
- 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.
- 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
- 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
- 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: 1.6 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



## IRRIGATION SCHEDULE

| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION                       | QTY      |
|--------|------------------------------------------------------|----------|
|        | Rain Bird 1812-PRS-U 15 Snp Series                   | 8        |
|        | Rain Bird 1812-PRS-U 08 Series                       | 2        |
|        | Rain Bird 1812-PRS-U 010 Series                      | 15       |
|        | Rain Bird 1812-PRS-U 012 Series                      | 12       |
|        | Rain Bird 1812-PRS-U 5 Series MPR                    | 8        |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION                       | QTY      |
|        | Rain Bird 5004-PL-PC-R-MPR 25                        | 10       |
|        | Rain Bird 5004-PL-PC-R-MPR 30                        | 4        |
|        | Rain Bird 5004-PL-PC-R-MPR 35                        | 5        |
| SYMBOL | MANUFACTURER/MODEL/DESCRIPTION                       | QTY      |
|        | Rain Bird PEB 1                                      | 7        |
|        | Rain Bird 5-HP 1                                     | 2        |
|        | Drinking Fountain-Hose Bibb                          | 2        |
|        | Landscape Products Inc. BBV                          | 1        |
|        | Zum 975XL 1                                          | 1        |
|        | Rain Bird ESPLXME2-LXMM                              | 1        |
|        | Rain Bird WR2-RFC                                    | 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 |
|        | Irrigation Mainline: PVC Schedule 40 3/4"            | 211.1 lf |
|        | Water line to the drinking fountains and hose bibbs. |          |
|        | Pipe Sleeve: PVC Class 200 SDR 21 4"                 | 105.8 lf |



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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



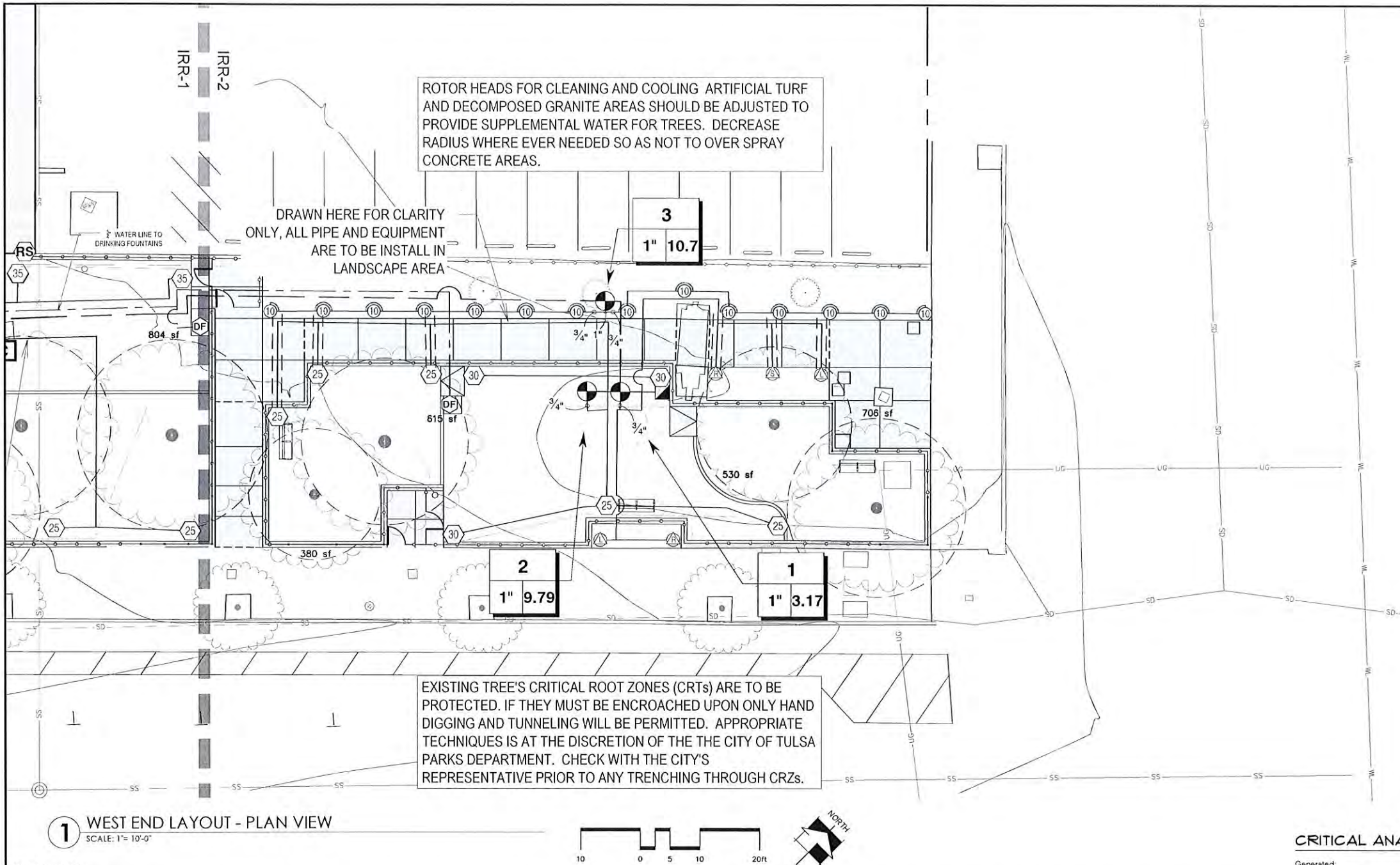
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| DRAWN    | MCM | PROJ. MGR. | SL  | 10/19    |
| DESIGNED | MCM | CDS MGR.   | SEN | 02/12/25 |
| SURVEY   |     | FIELD MGR. | RAW | 10/23    |

|              |     |          |
|--------------|-----|----------|
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| 100% BID SET | PDG | 07/25/25 |

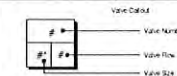
SHEET NAME:  
**WEST-SIDE IRRIGATION PLAN**

SHEET NO:  
**IRR-1**

SHEET 19 OF 21  
PDG PROJECT #: 24-43



| IRRIGATION SCHEDULE |                                                                                                                                                                                                                                                                                   |           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| SYMBOL              | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                                                                                                    | QTY       |
|                     | Rain Bird 1812-PRS-U 15 Strip Series<br>Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Viper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, With Pressure Regulating Device.                                                                                  | 9         |
|                     | Rain Bird 1812-PRS-U 15 Strip Series<br>Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Viper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, With Pressure Regulating Device.                                                                                  | 2         |
|                     | Rain Bird 1812-PRS-U 15 Strip Series<br>Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Viper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, With Pressure Regulating Device.                                                                                  | 15        |
|                     | Rain Bird 1812-PRS-U 15 Strip Series<br>Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Viper Seal, Side and Bottom Inlet, 1/2in. NPT Female Threaded Inlet, With Pressure Regulating Device.                                                                                  | 12        |
|                     | Rain Bird 1812-PRS-U 15 Strip Series<br>Shrub Spray, 12in. Pop-Up Sprinkler with Co-Molded Viper 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-PC-R-MPR 25<br>Rain Bird 5004-PL-PC-R-MPR 25<br>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=beige, With In-Stem Pressure Regulator. | 10        |
|                     | Rain Bird 5004-PL-PC-R-MPR 25<br>Rain Bird 5004-PL-PC-R-MPR 25<br>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=beige, With In-Stem Pressure Regulator. | 4         |
|                     | Rain Bird 5004-PL-PC-R-MPR 25<br>Rain Bird 5004-PL-PC-R-MPR 25<br>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=beige, With In-Stem Pressure Regulator. | 5         |
| SYMBOL              | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                                                                                                    | QTY       |
|                     | Rain Bird PEB 1<br>Plastic Industrial Remote Control Valve, Low Flow Operating Capability, Globe Configuration.                                                                                                                                                                   | 7         |
|                     | Rain Bird 5-HP 1"<br>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 Bibb<br>Drinking fountain and hose bibb.                                                                                                                                                                                                                   | 2         |
|                     | Landscape Products Inc. BBV<br>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"<br>Reduced Pressure Backflow device                                                                                                                                                                                                                                 | 1         |
|                     | Rain Bird ESPLXME2-LXMM<br>12 Station Traditionally-Wired Commercial Controller, Indoor/Outdoor, Plastic Wall-Mount Enclosure. Install in LXMM Powder Coated, Metal Wall Mounted Cabinet.                                                                                         | 1         |
|                     | Rain Bird WR2-RFC<br>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"                                                                                                                                                                                                                                | 1,133.11' |
|                     | Irrigation Lateral Line: PVC Class 200 SDR 21 1"                                                                                                                                                                                                                                  | 5.00'     |
|                     | Irrigation Mainline: PVC Schedule 40 1"                                                                                                                                                                                                                                           | 332.50'   |
|                     | Irrigation Mainline: PVC Schedule 40 3/4"                                                                                                                                                                                                                                         | 211.11'   |
|                     | Pipe Sleeve: PVC Class 200 SDR 21 4"                                                                                                                                                                                                                                              | 105.90'   |



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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



|          |     |            |    |      |
|----------|-----|------------|----|------|
| DRAWN    | MCM | PROJ. MGR. | 52 | 10/9 |
| DESIGNED | MCM | CDS MGR.   | 52 | 10/9 |
| SURVEY   |     | FIELD MGR. | 52 | 10/9 |

|              |     |          |
|--------------|-----|----------|
| ISSUE BLOCK  | BY  | DATE     |
| 100% BID SET | PDG | 07/25/25 |

SHEET NAME:  
**EAST-SIDE IRRIGATION PLAN**

SHEET NO:  
**IRR-2**

SHEET 29 OF 21

PDG PROJECT #: 24-43

## CRITICAL ANALYSIS

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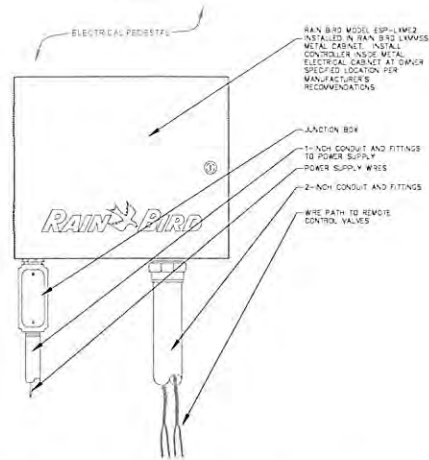
P.O.C. NUMBER: 01  
Water Source Information:

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

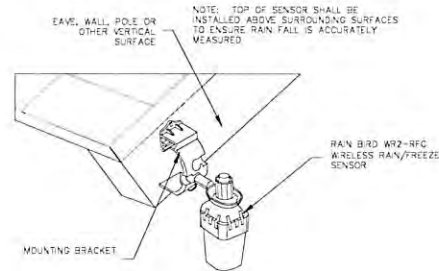
PRESSURE AVAILABLE  
Static Pressure at POC: 87 PSI  
Elevation Change: 5.00 ft  
Service Line Size: 3/4"  
Length of Service Line: 20 ft  
Pressure Available: 81 PSI

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

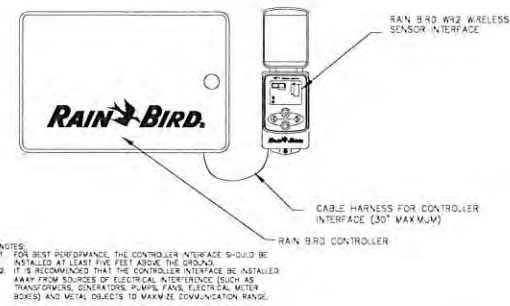
Design Pressure: 35 PSI  
Friction Loss: 0.48 PSI  
Fittings Loss: 0.05 PSI  
Elevation Loss: 0 PSI  
Loss through Valve: 1.63 PSI  
Pressure Req. at Critical Station: 37.4 PSI  
Loss for Fittings: 0.82 PSI  
Loss for Main Line: 8.22 PSI  
Loss for POC to Valve Elevation: 0 PSI  
Loss for Backflow: 11.6 PSI  
Loss for Water Meter: 1.69 PSI  
Critical Station Pressure at POC: 59.7 PSI  
Pressure Available: 81 PSI  
Residual Pressure Available: 21.3 PSI



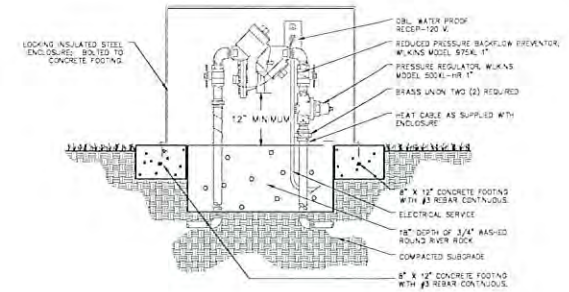
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NOT TO SCALE



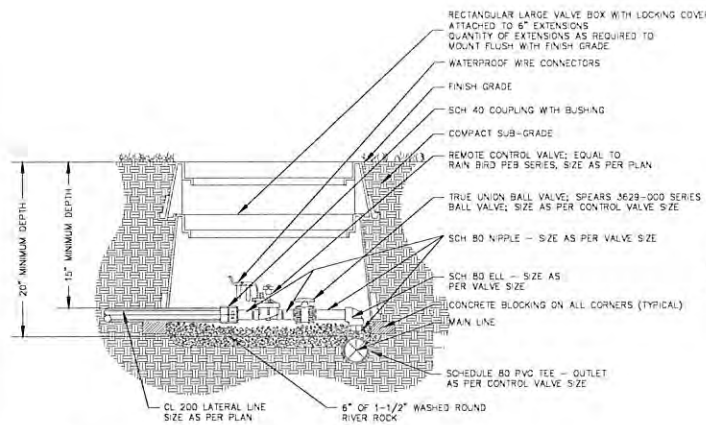
2 WIRELESS REMOTE RAIN-FREEZE SENSOR INSTALLATION - TYPICAL SECTION  
NOT TO SCALE



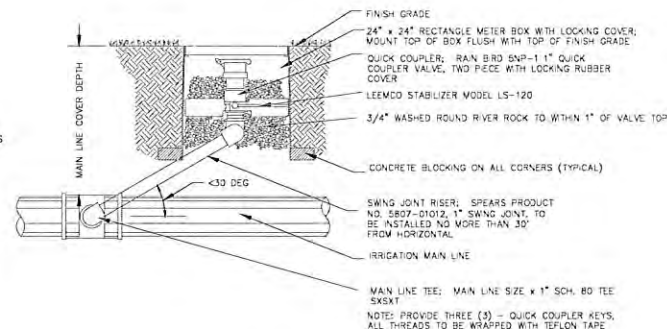
3 WIRELESS REMOTE SENSOR CONTROLLER INTERFACE - TYPICAL SECTION  
NOT TO SCALE



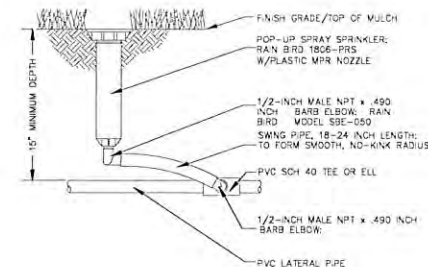
4 RPZ BACKFLOW PREVENTER WITH PRESSURE REGULATOR INSTALLATION - TYPICAL SECTION  
NOT TO SCALE



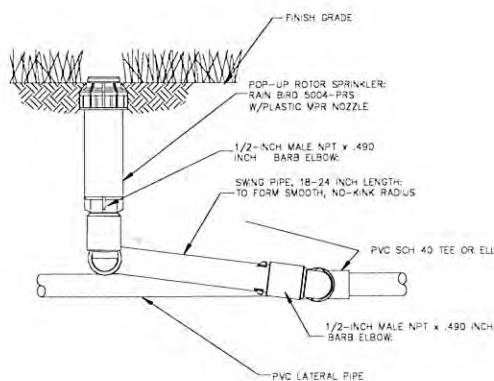
5 CONTROL VALVE ASSEMBLY-TYPICAL SECTION  
NOT TO SCALE



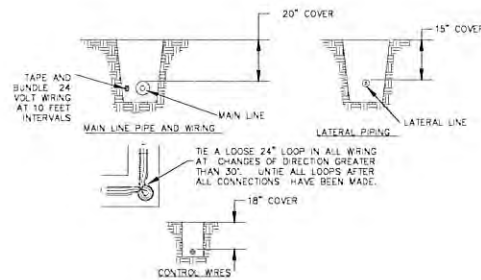
6 TYPICAL QUICK COUPLING VALVE SECTION  
NOT TO SCALE



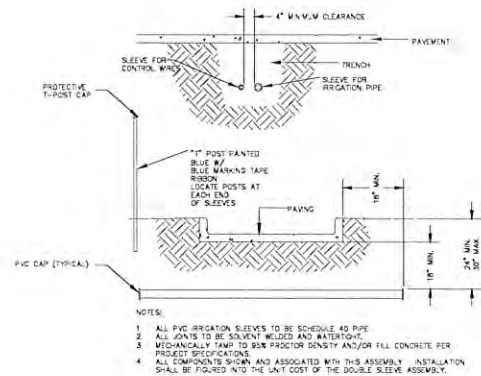
7 12" POP-UP SPRAY HEAD ASSEMBLY- TYPICAL SECTION  
NOT TO SCALE



8 4" POP-UP ROTOR HEAD ASSEMBLY- TYPICAL SECTION  
NOT TO SCALE



9 TYPICAL TRENCH SECTION  
NOT TO SCALE



10 PIPE AND WIRE SLEEVES - TYPICAL DETAIL  
NOT TO SCALE



DATE SIGNED: 07/22/2025



**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

CITY OF  
**TULSA**

CITY EXPERIENCE



|          |     |            |    |       |
|----------|-----|------------|----|-------|
| DRAWN    | MCM | PROJ. MGR. | SL | 10/9  |
| DESIGNED | MCM | CDS MGR.   | RW | 06/25 |
| SURVEY   |     | FIELD MGR. | RW | 10/25 |

|              |     |          |
|--------------|-----|----------|
| ISSUE BLOCK  | BY: | DATE:    |
| 100% BID SET | PDG | 07/25/25 |
|              |     |          |
|              |     |          |

SHEET NAME:  
**IRRIGATION DETAILS**

SHEET NO:  
**IRR-3**