

# HEILMANN PARK

## CITY OF DETROIT

MIKE DUGGAN, MAYOR

## GENERAL SERVICES DEPARTMENT

CRYSTAL PERKINS, DIRECTOR

TIM KARL, CHIEF OF LANDSCAPE ARCHITECTURE, LLA, ASLA, CPSI

## LANDSCAPE DESIGNER & PROJECT MANAGER

KATE GMYREK AND JEFF KLEIN, PLA, ASLA



**GENERAL SERVICES DEPARTMENT**  
**Parks & Recreation**  
**Division**

VICINITY MAP



HEILMANN PARK

SITE LOCATION MAP

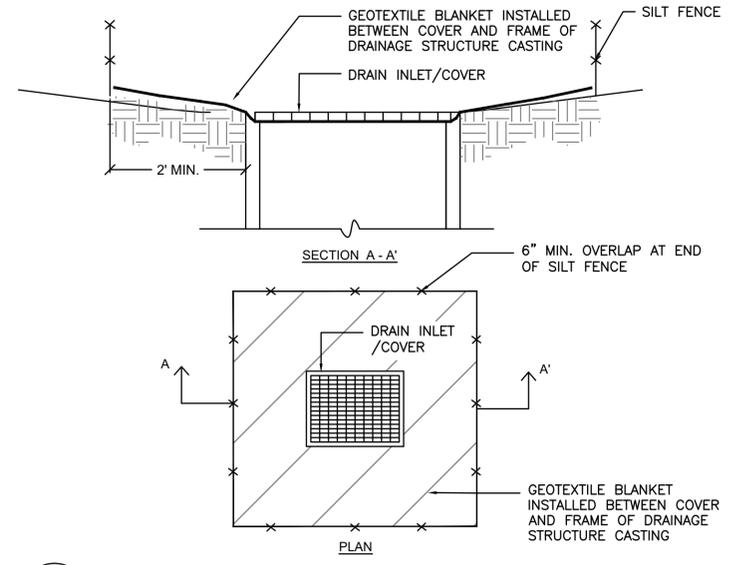
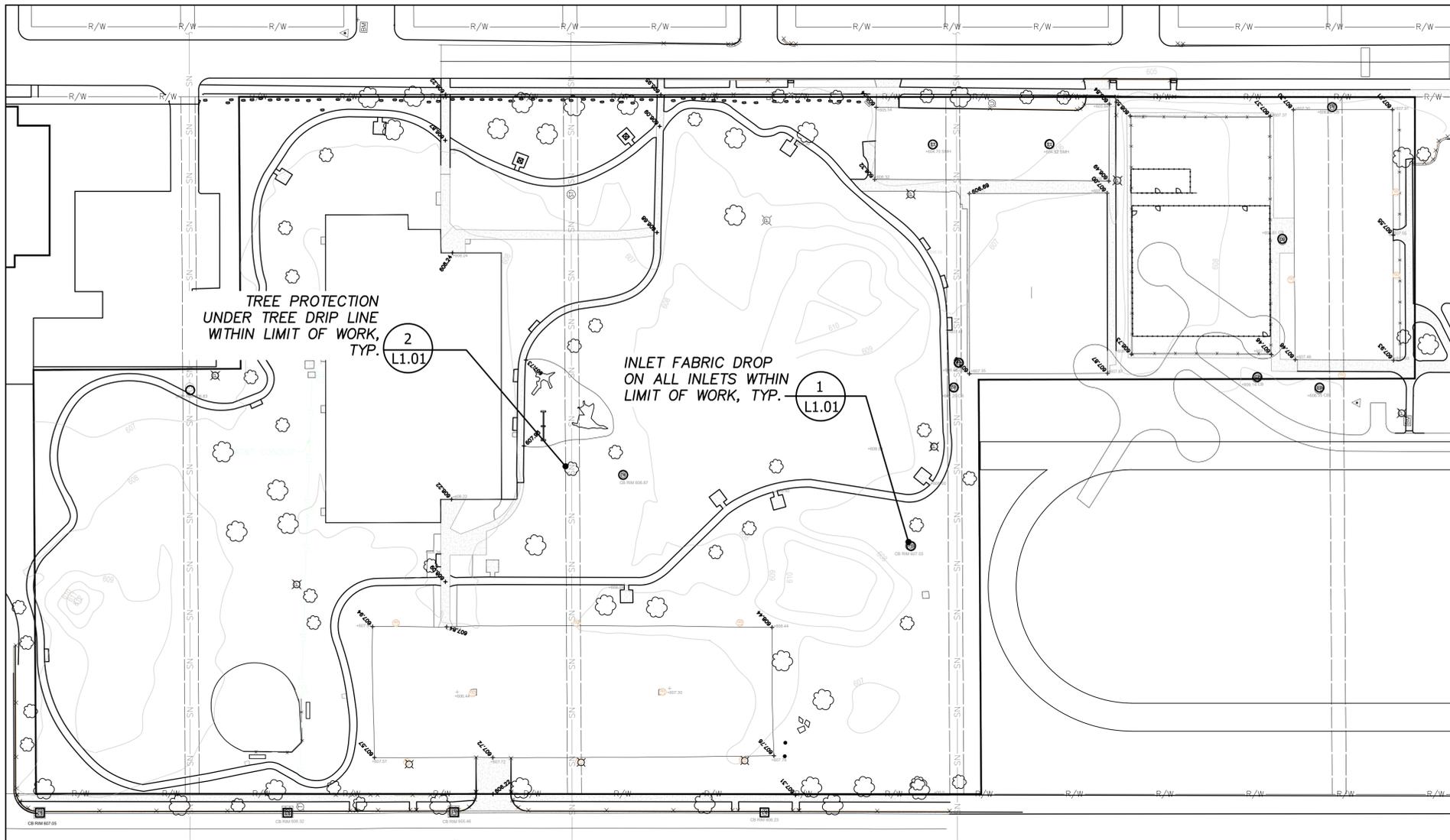


19601 Brock Ave,  
Detroit, Michigan

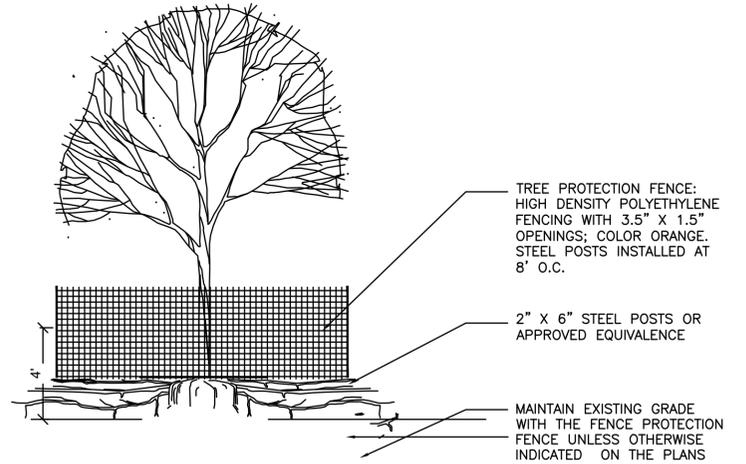
DRAWING INDEX

| Sheet No. | Page No. | SHEET TITLE  |
|-----------|----------|--|
| L1.01     | 1        | Soil Erosion and Sedimentation Control (SESC) Plan |
| L1.02     | 2        | Existing Conditions and Demolition Plan            |
| L1.03     | 3        | Master Plan  |
| L1.04     | 4        | Grading Plan                                       |
| L1.05     | 5        | Layout Plan A                                      |
| L1.06     | 6        | Layout Plan B                                      |
| L1.07     | 7        | Layout Plan C                                      |
| L4.01     | 8        | Enlargement Plan Playground                        |
| L4.02     | 9        | Enlargement Plan Fitness & Ramp                    |
| L4.03     | 10       | Enlargement Plan Gardens & Picnic Shelter          |
| L1.10     | 11       | Materials Plan                                     |
| L1.11     | 12       | Site Amenities Plan                                |
| LA1.01    | 13       | Alternates Plan                                    |
| LP1.01    | 14       | Planting Plan                                      |
| L5.01     | 15       | Details - Planting                                 |
| L5.02     | 16       | Details - Hardscape                                |
| L5.03     | 17       | Details - Hardscape                                |
| L5.04     | 18       | Details - Courts                                   |
| L5.05     | 19       | Details - Furnishings                              |
| L5.06     | 20       | Details - Site Elements                            |

Date: 03/31/2023  
Property No: 000



**1 INLET FABRIC DROP**  
L1.01 NOT TO SCALE

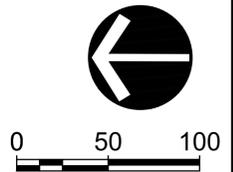


**NOTES:**  
NO PRUNING SHALL BE PERFORMED EXCEPT BY APPROVED CITY REP.  
NO EQUIPMENT SHALL OPERATE INSIDE THE PROTECTION FENCE INCLUDING DURING FENCE INSTALLATION AND REMOVAL.  
FENCE SHALL REMAIN UNTIL PARK IMPROVEMENTS ARE COMPLETE

**2 TREE PROTECTION UNDER DRIP LINE**  
L1.01 NOT TO SCALE

**SOIL EROSION AND SEDIMENTATION CONTROL NOTES:**

- A. THE GENERAL SERVICES DEPARTMENT (GSD) IS AN AUTHORIZED PUBLIC AGENCY (APA) ENTITY AND HAS BEEN GRANTED BY THE STATE OF MICHIGAN THE PRIVILEGE TO UNDERTAKE EARTH CHANGE ACTIVITIES WITHOUT HAVING TO OBTAIN A SOIL EROSION AND SEDIMENTATION CONTROL (SESC) PERMIT. THE CONTRACTOR SHALL COMPLY WITH THE PROVISIONS OF THE STATE OF MICHIGAN'S SESC LAW AND REQUIREMENTS; COMPLYING WITH ALL CONTRACT DOCUMENTS, APPROVED S.E.S.C. PLANS, PERMIT CONDITIONS THAT ENFORCES P.A. 451, PARTS 41 AND 91 SOIL EROSION AND SEDIMENTATION CONTROL OF THE NATURAL RESOURCES AND ENVIRONMENTAL PROTECTION ACT AND WAYNE COUNTY SOIL SEDIMENTATION CONTROL ORDINANCE NO. 2001-759.
- B. PRIOR TO BEGINNING ANY EARTH CHANGE, THE CONTRACTOR MUST RETAIN A E.G.L.E. CERTIFIED STORM WATER OPERATOR (C.S.W.O.) TO PROVIDE THE REQUIRED S.E.S.C. REPORTS (WHICH INCLUDE THE WEEKLY AND STORM EVENT REPORTS AS WELL AS ALL FOLLOW UP REPORTS FOR BOTH VIOLATIONS AND STORM EVENT CORRECTIONS) ON THE STANDARD E.G.L.E. FORM. THE CONTRACTOR SHALL PROVIDE THE REPORTS TO THE OWNER ON A WEEKLY BASIS, AND RETAIN THOSE REPORTS FOR THREE YEARS.
- C. PRIOR TO BEGINNING ANY EARTH CHANGE, THE CONTRACTOR MUST INSTALL AND MAINTAIN ALL S.E.S.C. MEASURES AS SHOWN ON THE CONTRACT DOCUMENTS AND AS DIRECTED BY THE OWNER, C.S.W.O., M.E.A./C.E.A. OR E.G.L.E. AT ANYTIME DURING THE LIFE OF THE CONTRACT OR UNTIL THE CITY OF DETROIT OFFICIALLY TAKES OVER RESPONSIBILITY FOR THE SITE. IMMEDIATELY PRIOR TO THE CITY OF DETROIT TAKING RESPONSIBILITY FOR THE SITE, THE CONTRACTOR WILL BE REQUIRED TO CLEAN ALL CATCH BASINS AFFECTED BY THE CONSTRUCTION, BOTH WITHIN THE CONTRACT LIMITS AND ALL SURROUNDING ROADS AND LAWN AREAS WHERE SOIL MAY HAVE SPREAD AS THE RESULT OF CONSTRUCTION ACTIVITIES.
- D. THE CONTRACTOR SHALL CONDUCT ALL EXCAVATION, FILLING, GRADING, AND CLEANUP OPERATIONS IN A MANNER SUCH THAT SEDIMENT, GENERATED BY WIND OR WATER, IS NOT DISCHARGED INTO ANY STORM SEWER, DRAINAGE DITCH, RIVER, LAKE, AIR, OR UNDERGROUND UTILITY SYSTEM. STAGE WORK IS NECESSARY TO MINIMIZE THE AREA OF EXPOSED SOIL, THEREBY REDUCING THE OPPORTUNITY FOR SOIL EROSION.
- E. CONTRACTOR RESPONSIBLE FOR WATER FROM TRENCHES AND OTHER EXCAVATION SHALL BE PUMPED INTO A FILTRATION BAG TO REMOVE SEDIMENTS FROM THE WATER
- F. IF SEDIMENT EXTENDS BEYOND THE PROJECT LIMITS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND RESTORATION OF ALL SURFACES AND UTILITY SYSTEMS TO THE CONDITION THAT EXISTED PRIOR TO THE CONTRACT AWARD.
- G. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL S.E.S.C. MEASURES ON A DAILY BASIS.
- H. ACCESS ROADS AND ADJACENT CONCRETE PATHWAYS SHALL BE MAINTAINED BROOM CLEAN AT ALL TIMES, AT THE END OF EACH CONSTRUCTION DAY BY CONTRACTOR.
- I. SHOULD VIOLATIONS BE IDENTIFIED BY THE CITY, C.S.W.O., M.E.A./C.E.A. OR E.G.L.E., THEY SHALL BE CORRECTED WITHIN 24 HOURS OF NOTIFICATION. THE CORRECTION(S) MUST BE APPROVED BY THE CITY, C.S.W.O., M.E.A./C.E.A. OR E.G.L.E. ALL SUBSEQUENT INSPECTIONS PERFORMED BY THE OWNER, C.S.W.O., M.E.A./C.E.A. OR E.G.L.E. AS A RESULT OF THE VIOLATION (AND ANY OTHER ASSOCIATED COSTS) WILL BE PAID BY THE CONTRACTOR. IF IDENTIFIED VIOLATIONS ARE NOT CORRECTED WITHIN 24 HOURS OF WRITTEN NOTICE, THE CITY WILL MAKE THE REQUIRED REPAIRS WITHOUT FURTHER NOTIFICATION, AT THE CONTRACTOR'S EXPENSE.
- J. FINES ASSESSED AS A RESULT OF THE VIOLATION FOR NONCOMPLIANCE OF THE S.E.S.C. PROVISIONS WILL BE PAID BY THE CONTRACTOR. SHOULD A "STOP WORK" ORDER FOR NONCOMPLIANCE BE ISSUED, A TIME EXTENSION REQUEST FOR THAT TIME PERIOD WILL NOT BE GRANTED (FINES COULD BE ASSESSED UP TO AND INCLUDING \$25,000 PER DAY FOR EACH VIOLATION).
- K. STRIP ALL TOPSOIL WITHIN THE LIMITS OF WORK AS INDICATED ON DEMOLITION PLAN. STOCKPILE ALL STRIPPED TOPSOIL TO LOCATION BE DETERMINED BY CITY REPRESENTATIVE PRIOR TO STRIPPING.
- L. DIRT OR MUD TRACKED ONTO PAVED AREAS SHALL BE PROMPTLY REMOVED AND CLEANED DAILY.
- M. THERE ARE NO WETLANDS ON THE PROJECT SITE OR IMMEDIATELY ADJACENT TO THE PROJECT SITE.
- N. STORM WATER FROM SUBJECT SITE WILL NOT ADVERSELY IMPACT ADJACENT PROPERTIES.
- O. ALL DISTURBED AREAS SHALL RECEIVE PERMANENT EROSION CONTROL WITHIN 5 DAYS OF FINAL GRADING.
- P. SOIL TYPE WITHIN SITE BOUNDARIES IS "URBANIZED SOILS."
- Q. TOTAL ACRES OF THE PROJECT = 3.66



GENERAL SERVICES DEPARTMENT  
LANDSCAPE DESIGN UNIT  
115 ERSKINE ST, DETROIT MI 48201  
PH: (313) 628-0900 FAX: (313) 628-0927

- LEGEND:**
- SITE BOUNDARY
  - ☁️ DECIDUOUS TREE
  - ▣ INLET FABRIC DROP

PROJECT NAME:  
**HEILMANN PARK CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:50 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:  
**SOIL EROSION AND SEDIMENTATION CONTROL PLAN**

|            |              |
|------------|--------------|
| FOR FILE   | SHEET        |
| PROJ #:    |              |
| PROP # 000 | <b>L1.01</b> |
| DIST # 0   |              |





GENERAL SERVICES DEPARTMENT  
 LANDSCAPE DESIGN UNIT  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

**LEGEND:**

- SITE BOUNDARY
- ⊕ EXISTING DECIDUOUS TREE
- PROPOSED DECIDUOUS TREE
- ◐ BOULDER
- ▨ EX. WALKWAY
- ▨ CONCRETE
- ▨ ASPHALT
- ▨ LIMESTONE
- ▨ PIP
- ▨ EWF
- ▨ NATURAL AREA
- ⊙ CATCH BASIN
- ⊙ STORM MANHOLE
- ST — STORM SEWER

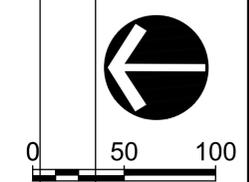
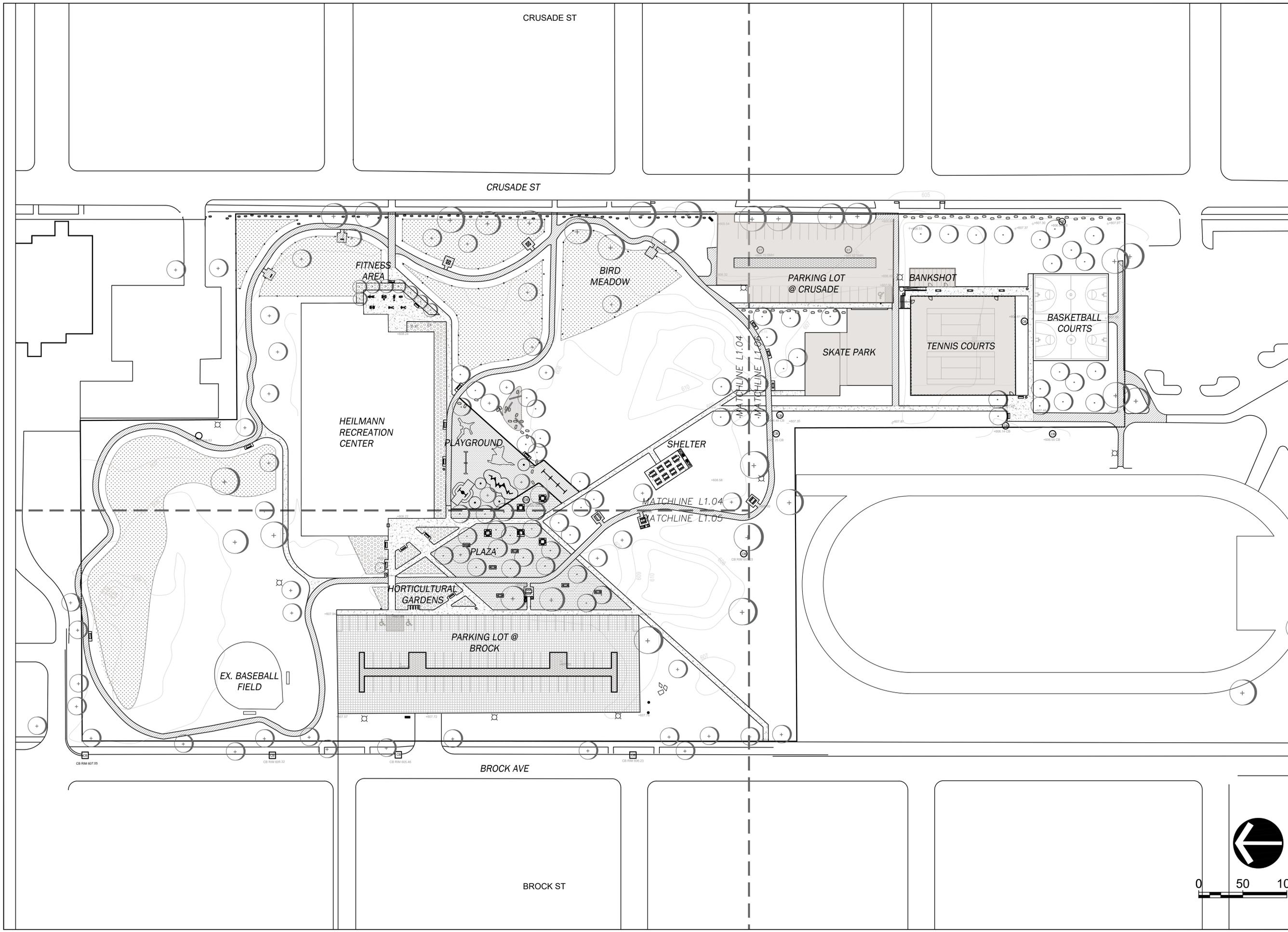
PROJECT NAME:

**HEILMANN PARK  
 CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:50 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:  
**LAYOUT  
 MASTERPLAN**

|            |              |
|------------|--------------|
| FOR FILE   | SHEET        |
| PROJ #:    |              |
| PROP # 000 | <b>L1.03</b> |
| DIST # 0   |              |





GENERAL SERVICES DEPARTMENT  
LANDSCAPE DESIGN UNIT  
115 ERSKINE ST, DETROIT MI 48201  
PH: (313) 628-0900 FAX: (313) 628-0927

**LEGEND:**

--- SITE BOUNDARY

⊕ EXISTING DECIDUOUS TREE

FINAL GRADING PLAN TBD

PROJECT NAME:

**HEILMANN PARK  
CONSTRUCTION**

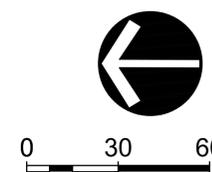
|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:30 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:

**GRADING PLAN**

FOR FILE  
PROJ #:  
PROP # 000  
DIST # 0

SHEET  
**L1.04**

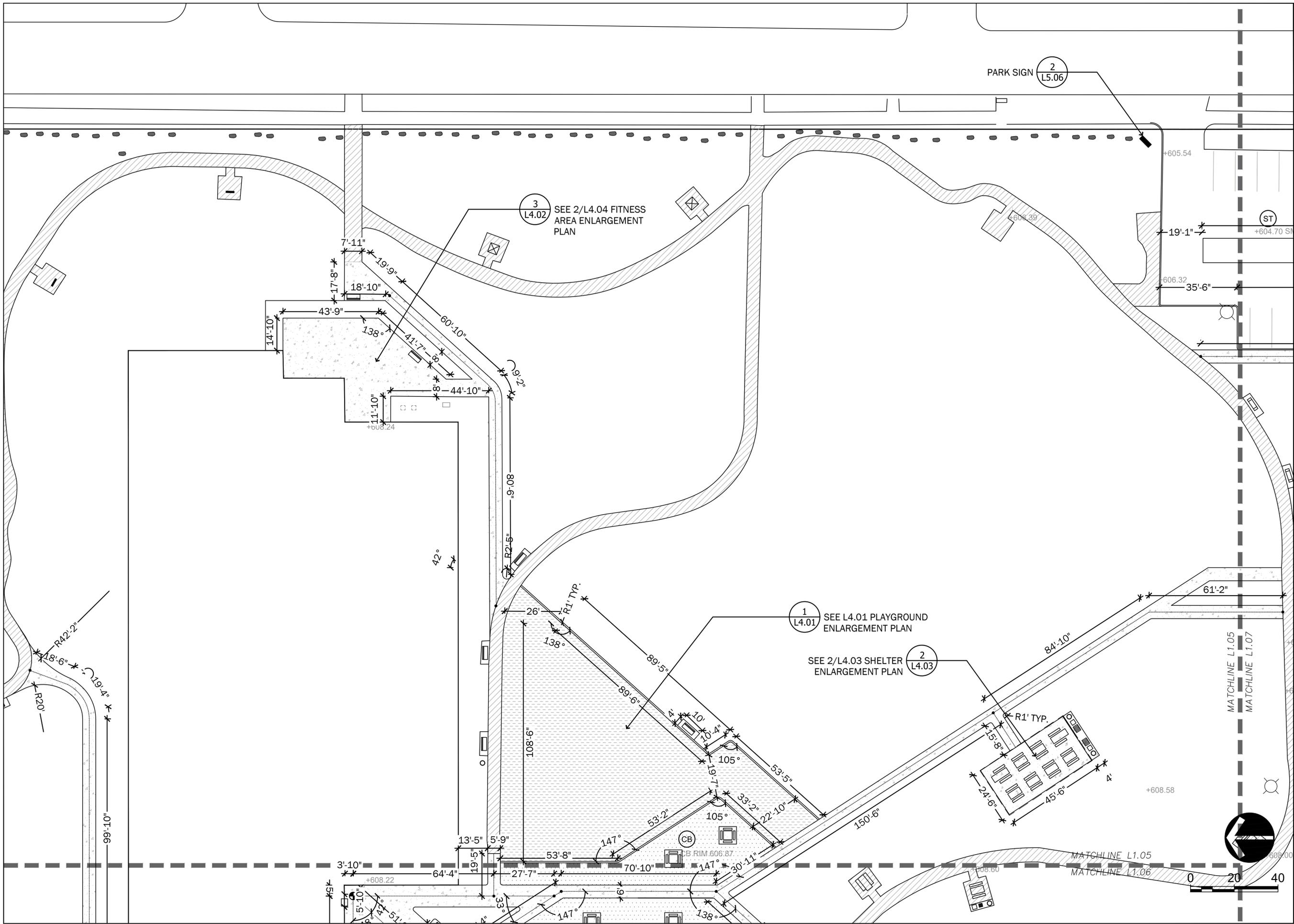




GENERAL SERVICES DEPARTMENT  
 LANDSCAPE DESIGN UNIT  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

**LEGEND:**

- SITE BOUNDARY
- EXISTING DECIDUOUS TREE
- PROPOSED DECIDUOUS TREE
- BOULDER
- EX. WALKWAY
- CONCRETE
- ASPHALT
- LIMESTONE
- EWF
- NATURAL AREA
- CATCH BASIN
- STORM MANHOLE
- STORM SEWER



PROJECT NAME:  
**HEILMANN PARK  
 CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:20 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:  
**LAYOUT  
 PLAN A**

|            |       |
|------------|-------|
| FOR FILE   | SHEET |
| PROJ #:    | L1.05 |
| PROP # 000 |       |
| DIST # 0   |       |





GENERAL SERVICES DEPARTMENT  
 LANDSCAPE DESIGN UNIT  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

**LEGEND:**

- SITE BOUNDARY
- EXISTING DECIDUOUS TREE
- PROPOSED DECIDUOUS TREE
- BOULDER
- EX. WALKWAY
- CONCRETE
- ASPHALT
- LIMESTONE
- PIP
- EWF
- NATURAL AREA
- CATCH BASIN
- STORM MANHOLE
- STORM SEWER

PROJECT NAME:

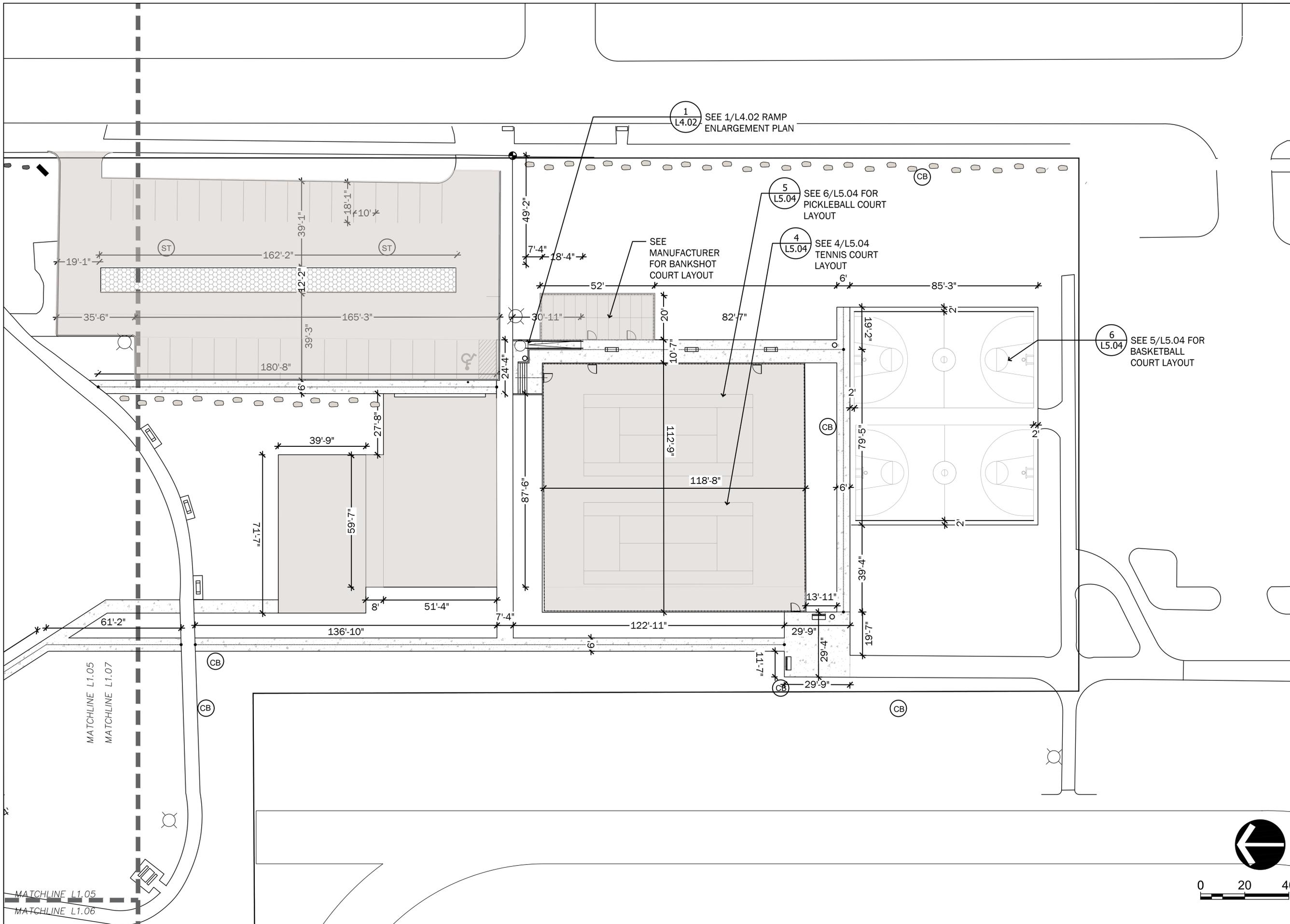
**HEILMANN PARK  
 CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:20 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:

**LAYOUT PLAN C**

|            |       |
|------------|-------|
| FOR FILE   | SHEET |
| PROJ #:    | L1.07 |
| PROP # 000 |       |
| DIST # 0   |       |



1  
L4.02 SEE 1/L4.02 RAMP  
ENLARGEMENT PLAN

5  
L5.04 SEE 6/L5.04 FOR  
PICKLEBALL COURT  
LAYOUT

4  
L5.04 SEE 4/L5.04  
TENNIS COURT  
LAYOUT

6  
L5.04 SEE 5/L5.04 FOR  
BASKETBALL  
COURT LAYOUT

SEE  
MANUFACTURER  
FOR BANKSHOT  
COURT LAYOUT

MATCHLINE L1.05  
MATCHLINE L1.07

MATCHLINE L1.05  
MATCHLINE L1.06



GENERAL SERVICES DEPARTMENT  
 LANDSCAPE DESIGN UNIT  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

**LEGEND:**

- SITE BOUNDARY
- (+) EXISTING DECIDUOUS TREE
- (•) PROPOSED DECIDUOUS TREE
- ◊ BOULDER
- [Hatched] EX. WALKWAY
- [Dotted] CONCRETE
- [Solid Grey] ASPHALT
- [Stippled] LIMESTONE
- [Cross-hatched] EWF
- [Natural Pattern] NATURAL AREA
- (CB) CATCH BASIN
- (SM) STORM MANHOLE
- ST — STORM SEWER
- [Rectangles] UNDERDRAIN PIPE

PROJECT NAME:  
**HEILMANN PARK CONSTRUCTION**

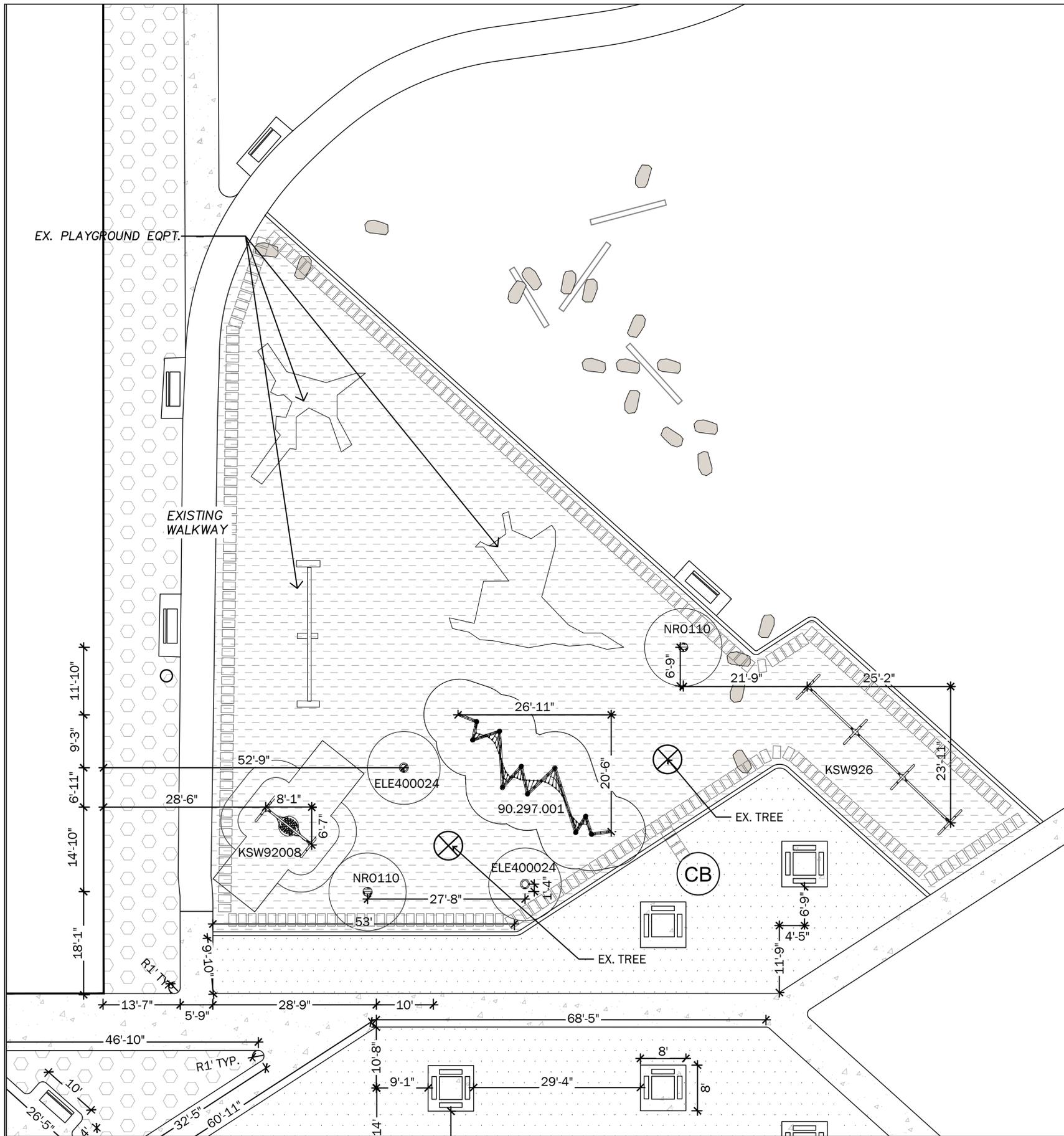
|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:10 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:  
**PLAYGROUND ENLARGEMENT PLAN**

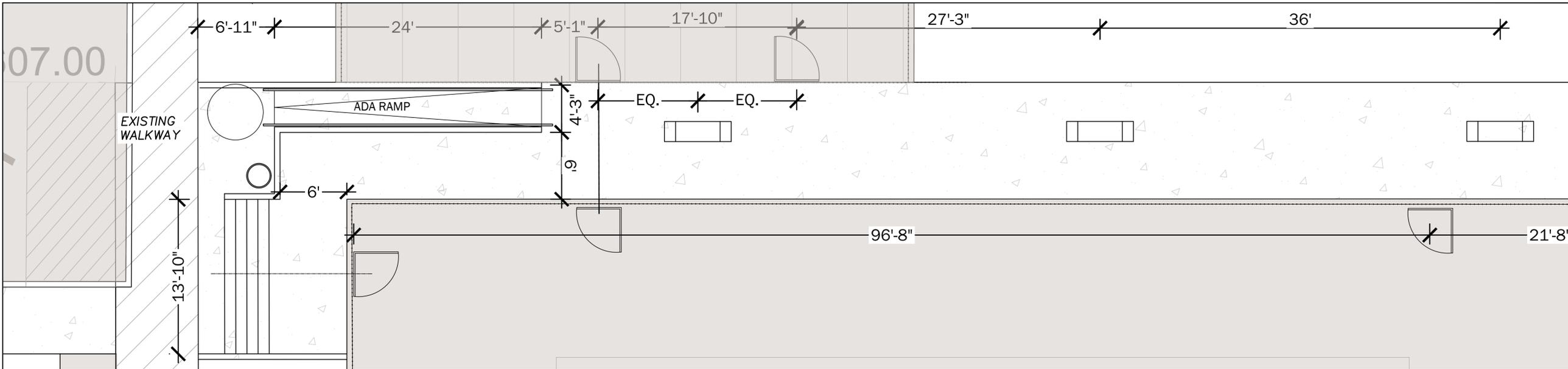
|            |       |
|------------|-------|
| FOR FILE   | SHEET |
| PROJ #:    | L4.01 |
| PROP # 000 |       |
| DIST # 0   |       |

NOTES:  
 PLAYGROUND LAYOUT TO BE APPROVED BY MANUFACTURER REPRESENTATIVE.  
 CONTRACTOR TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND AS DETAILED  
 ON PLANS, TO MEET REQUIRED FALL ZONE CLEARANCE SPACE AROUND EACH  
 PLAY ELEMENT.

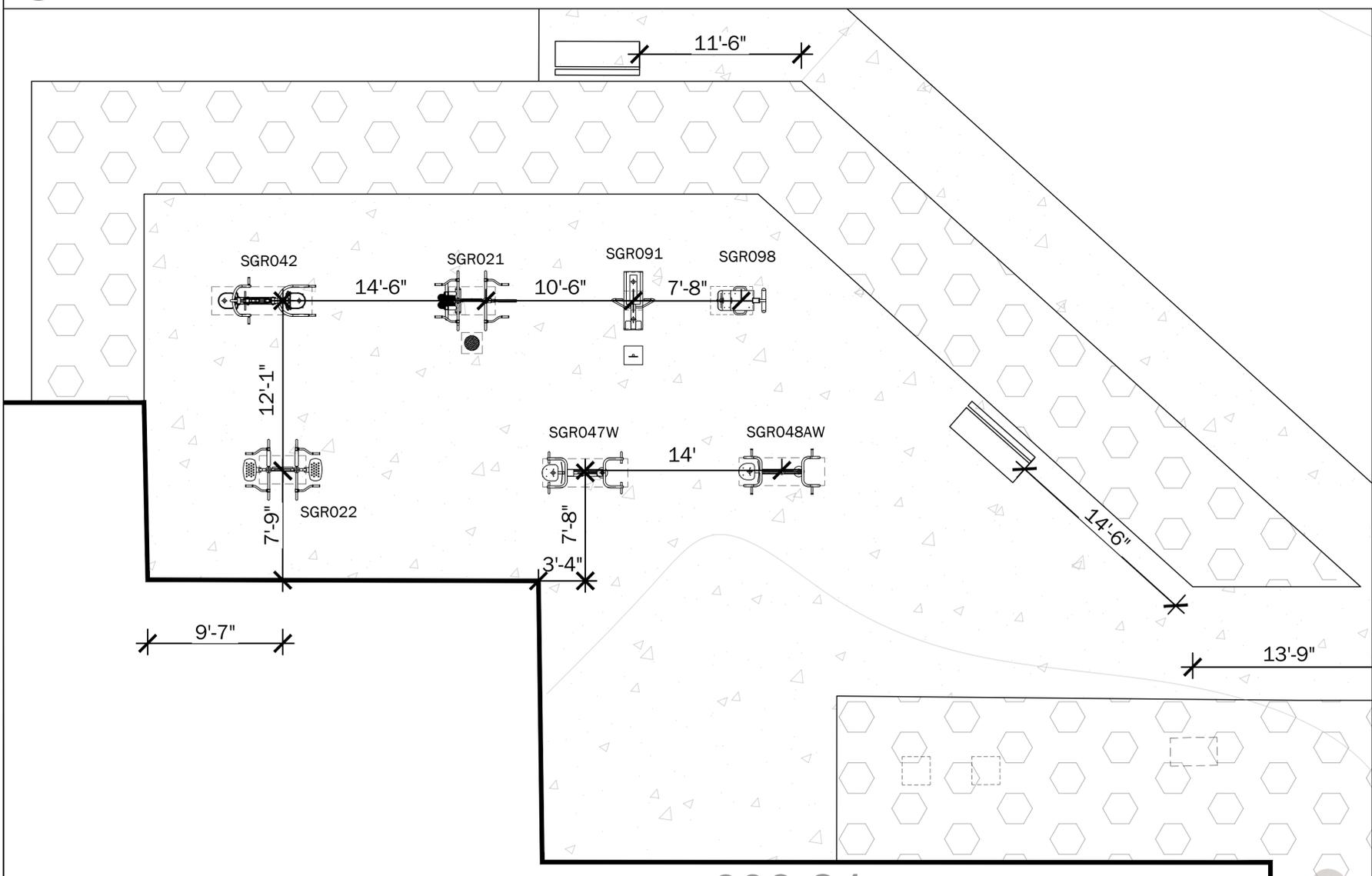
| QUANTITIES   |            |   |     |                      |
|--------------|------------|---|-----|----------------------|
| MANUFACTURER | MODEL #    | DESCRIPTION                                     | QTY | NOTES                |
| BERLINER     | 90.297.001 | TWIST 01, COLOR RAL 9012 RED BROWN, YELLOW ROPE | 1   |                      |
| KOMPAN       | KSW92008   | 1 SEAT ROPE SWING                               | 1   | -                    |
| KOMPAN       | KSW926     | 6 SEAT SWING FRAME                              | 1   | -                    |
| KOMPAN       | ELE400024  | SPINNER BOWL, COLOR YELLOW                      | 2   | -                    |
| KOMPAN       | NRO110     | SPINNER PLATE                                   | 2   | -                    |
|              |            | Underdrain Pipe, Open Graded, 4 in.             |     | see 7/L5.02, 8/L5.02 |



**1** PLAYGROUND ENLARGEMENT PLAN  
 L4.01 SCALE: 1:10



1 ADA RAMP, STAIRS, & PATHWAY ENLARGEMENT PLAN  
SCALE: 1:5



2 FITNESS AREA ENLARGEMENT PLAN  
SCALE: 1:5

| QUANTITIES   |          |                                      |     |  |
|--------------|----------|--------------------------------------|-----|--|
| MANUFACTURER | MODEL #  | DESCRIPTION                          | QTY | NOTES  |
| GREENFIELDS  | SGR021   | 4-PERSON LOWER BODY COMBO            | 1   | CUSTOM CITY OF DETROIT BLACK AND SILVER COLORS |
| GREENFIELDS  | SGR042   | 2-PERSON BACK & ARMS COMBO           | 1   | CUSTOM CITY OF DETROIT BLACK AND SILVER COLORS |
| GREENFIELDS  | SGR091   | ROWING MACHINE                       | 1   | CUSTOM CITY OF DETROIT BLACK AND SILVER COLORS |
| GREENFIELDS  | SGR098   | LEG EXTENSION                        | 1   | CUSTOM CITY OF DETROIT BLACK AND SILVER COLORS |
| GREENFIELDS  | SGR047W  | 2-PERSON ACCESSIBLE VERTICAL PRESS   | 1   | CUSTOM CITY OF DETROIT BLACK AND SILVER COLORS |
| GREENFIELDS  | SGR022   | 4-PERSON PENDULUM, ABS & DIP STATION | 1   | CUSTOM CITY OF DETROIT BLACK AND SILVER COLORS |
| GREENFIELDS  | SGR048AW | 2-PERSON ACCESSIBLE CHEST PRESS      | 1   | CUSTOM CITY OF DETROIT BLACK AND SILVER COLORS |

NOTES:  
 FITNESS EQUIPMENT LAYOUT TO BE APPROVED BY MANUFACTURER REPRESENTATIVE.  
 CONTRACTOR TO FOLLOW MANUFACTURER'S INSTRUCTIONS AND AS DETAILED ON PLANS, TO MEET REQUIRED FALL ZONE CLEARANCE SPACE AROUND EACH PLAY ELEMENT.



GENERAL SERVICES DEPARTMENT  
 LANDSCAPE DESIGN UNIT  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

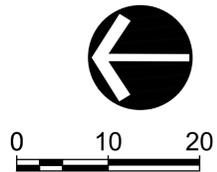
- LEGEND:
- SITE BOUNDARY
  - ⊕ EXISTING DECIDUOUS TREE
  - ⊙ PROPOSED DECIDUOUS TREE
  - BOULDER
  - ▨ EX. WALKWAY
  - ▨ CONCRETE
  - ▨ ASPHALT
  - ▨ LIMESTONE
  - ▨ PIP
  - ▨ EWF
  - ▨ NATURAL AREA
  - ⊕ CATCH BASIN
  - ⊕ STORM MANHOLE
  - ST — STORM SEWER

PROJECT NAME:  
**HEILMANN PARK CONSTRUCTION**

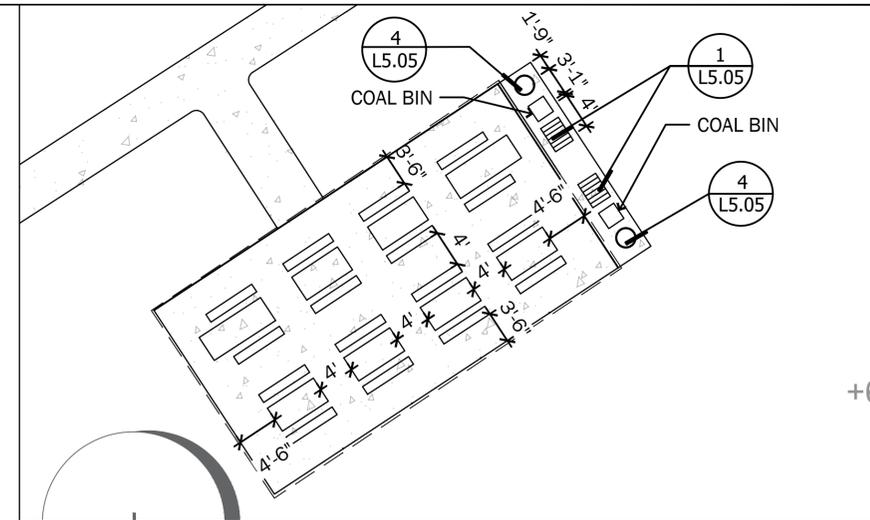
|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:10 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:  
**ENLARGEMENT FITNESS AND RAMP**

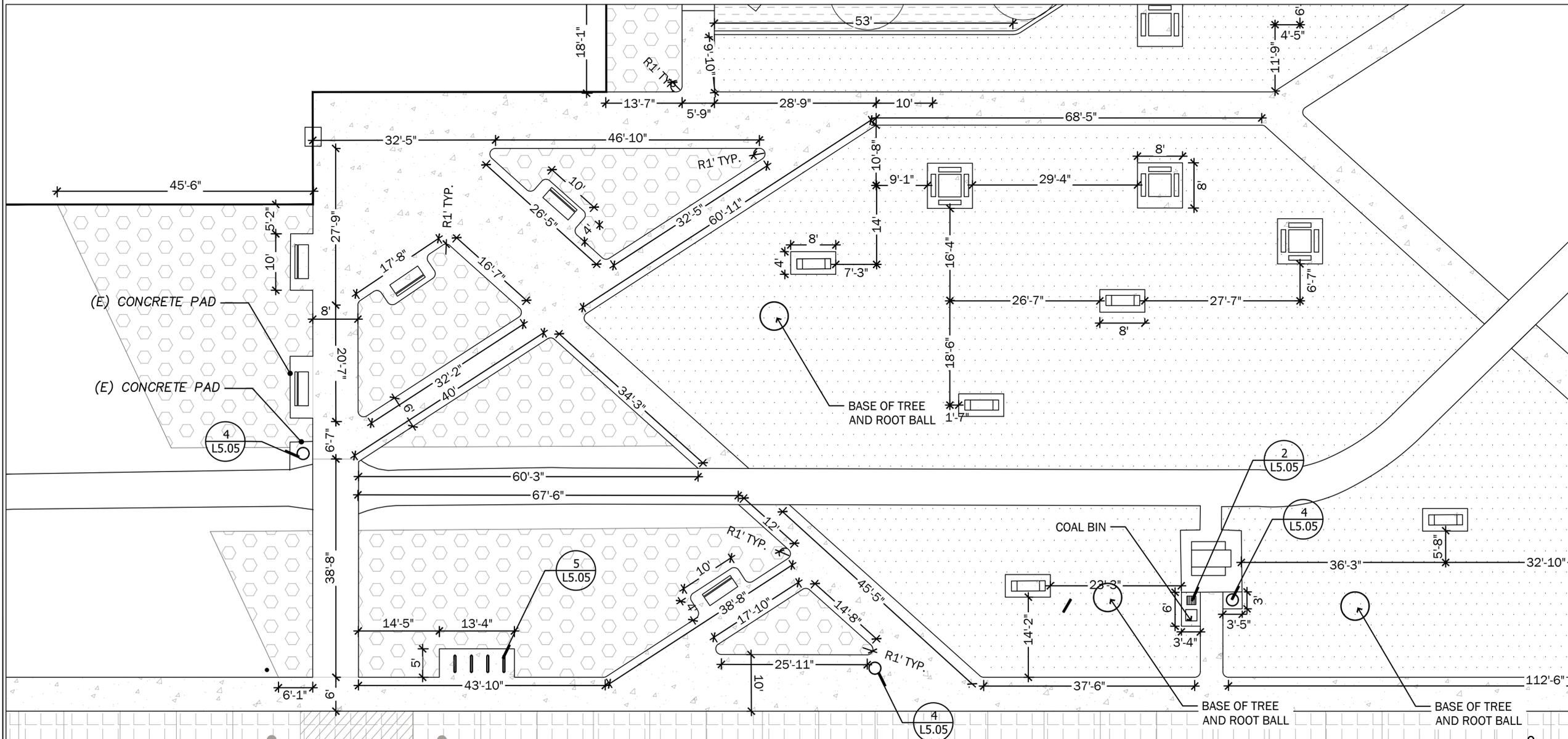
|            |       |
|------------|-------|
| FOR FILE   | SHEET |
| PROJ #:    | L4.02 |
| PROP # 000 |       |
| DIST # 0   |       |



NOTES:  
 CONTRACTOR IS REQUIRED TO OBTAIN A PERMIT AND TO FOLLOW MANUFACTURER 'S  
 INSTRUCTIONS AND AS DETAILED ON PLANS.  
 INSTALLATION OF ALL SITE AMENITIES TO BE PERFORMED ACCORDING TO  
 MANUFACTURERS AND STANDARD GSD SPECS. AND DETAILS.



2 SHELTER ENLARGEMENT PLAN  
 L4.03 SCALE: 1:10



- LEGEND:
- SITE BOUNDARY
  - + EXISTING DECIDUOUS TREE
  - PROPOSED DECIDUOUS TREE
  - BOULDER
  - ▨ EX. WALKWAY
  - ▨ CONCRETE
  - ▨ ASPHALT
  - ▨ LIMESTONE
  - ▨ EWF
  - ▨ NATURAL AREA
  - ⊙ CATCH BASIN
  - ⊙ STORM MANHOLE
  - ST — STORM SEWER

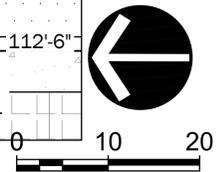
PROJECT NAME:  
**HEILMANN PARK CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:10 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:  
**SHELTER & GARDEN BED ENLARGEMENT PLAN**

|            |       |
|------------|-------|
| FOR FILE   | SHEET |
| PROJ #:    | L4.03 |
| PROP # 000 |       |
| DIST # 0   |       |

1 GARDEN BED ENLARGEMENT PLAN  
 L4.03 SCALE: 1:10



GENERAL SERVICES DEPARTMENT  
 LANDSCAPE DESIGN UNIT  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927



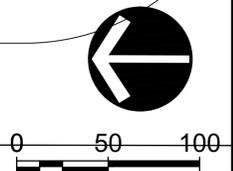
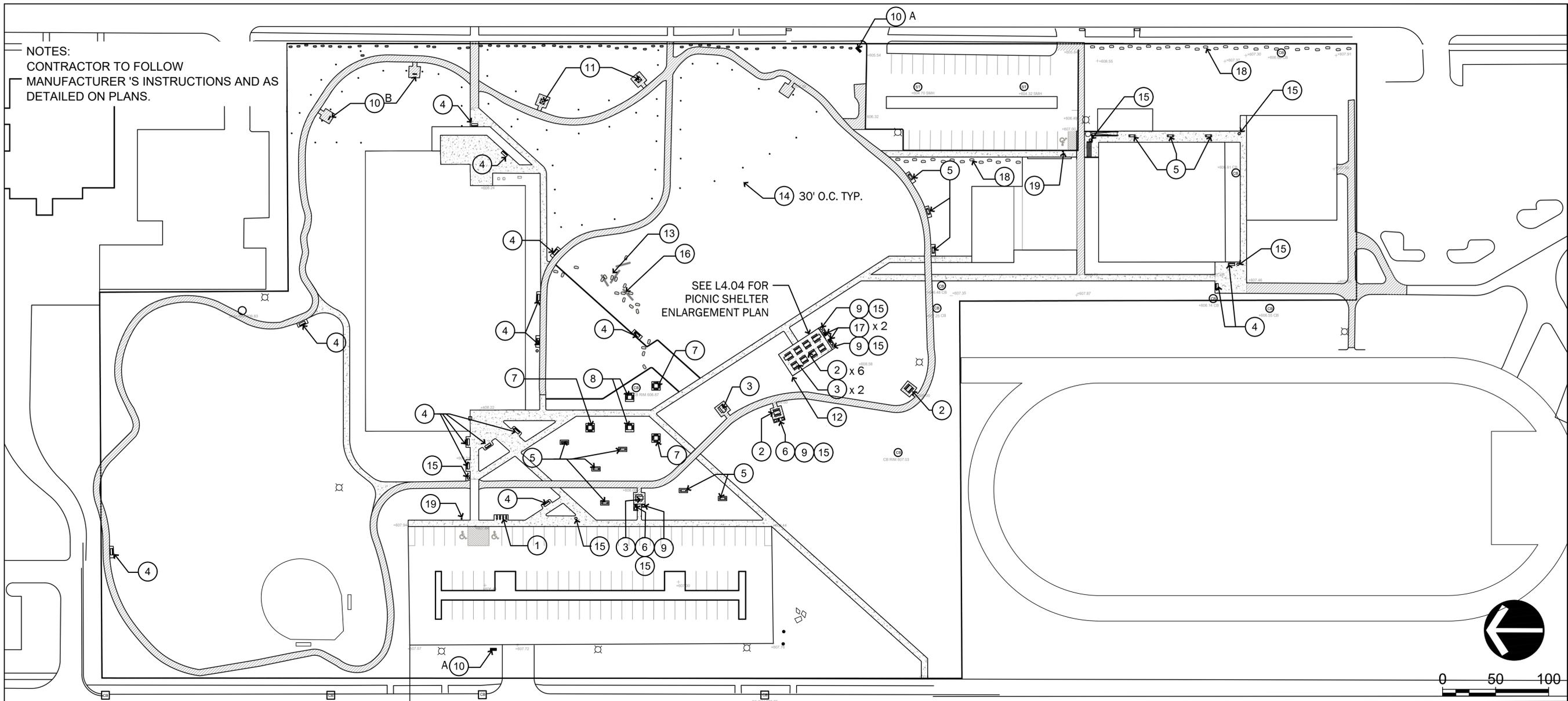


GENERAL SERVICES DEPARTMENT  
**LANDSCAPE DESIGN UNIT**  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

**LEGEND:**

- SITE BOUNDARY
- + EXISTING DECIDUOUS TREE
- BOULDER
- CB CATCH BASIN
- SM STORM MANHOLE
- ST STORM SEWER

NOTES:  
 CONTRACTOR TO FOLLOW  
 MANUFACTURER'S INSTRUCTIONS AND AS  
 DETAILED ON PLANS.



**QUANTITIES**

| SYMBOL | DESCRIPTION        | TOTAL | UNIT | NOTES   |             |
|--------|--------------------|-------|------|---|-------------|
| 1      | BIKE RACK          | 4     | EA   | DERO, HI ROLLER, HI2H: 4 BIKES, SURFACE MOUNT, GALVANIZED                   | SEE 5/L5.05 |
| 2      | PICNIC TABLE A     | 8     | EA   | DUMOR TABLE 298 # 298-601 6' STEEL PICNIC TABLE, IPE                        |             |
| 3      | ADA PICNIC TABLE A | 4     | EA   | DUMOR TABLE 298 # 298-601 6' ADA STEEL PICNIC TABLE, IPE                    |             |
| 4      | BENCH A            | 15    | EA   | DUMOR BENCH 160 MODEL #160-6, SURFACE MOUNT, COLOR BLACK                    |             |
| 5      | BENCH B            | 13    | EA   | DUMOR BENCH 164 MODEL #164-60, SURFACE MOUNTED, SLAT, COLOR BLACK, BACKLESS |             |
| 6      | BBQ GRILL SINGLE   | 2     | EA   | DUMOR GRILL MODEL#21  | SEE 2/L5.05 |
| 7      | PICNIC TABLE B     | 3     | EA   | DUMOR TABLE 76 MODEL #76-24D 4' SQUARE- 4 SEAT- SURFACE MOUNT, 2X4 DOUG FIR |             |
| 8      | ADA PICNIC TABLE B | 2     | EA   | DUMOR TABLE 76 MODEL #76-33D 4' SQUARE- 3 SEAT- SURFACE MOUNT, 3X4 DOUG FIR |             |
| 9      | COAL BIN           | 4     | EA   | PILOT ROCK HOT COAL BIN, MODEL #HCB-BI                                      |             |

|    |                        |    |    |  |  |
|----|------------------------|----|----|--|--|
| 10 | SIGNAGE                | 4  | EA | a. Permanent Signage (2)<br>b. Educational Signage (2)   |  |
| 11 | BIRD HOUSE             | 2  | EA |  |  |
| 12 | PICNIC SHELTER 28 X 45 | 1  | EA | COVERWORX MODEL #STGA-2445-SW-TG SPLIT TOP TABLE, 24X45, 8' EAVE, 8-10:12 PITCHES POWDER COATED,   | SEE MANUFACTURER FOR INSTALLATION INSTRUCTIONS |
| 13 | FIELD BOULDERS         | 20 | EA | 6' ON THREE SIDES, LOCATE IN FIELD   | SEE 4/L5.06                                    |
| 14 | WOOD BOLLARDS          | 67 |    | LOCATE IN FIELD  | SEE 6/L5.05                                    |
| 15 | ANTI-TIPPING RING      | 6  | EA | COORDINATE PICKUP WITH DAVID SUMNER, 313-269-0128; CHANDLER PARK SERVICE YARD (5650 CONNER, DETROIT, MI)   | SEE 4/L5.05                                    |
| 16 | LOGS                   | 4  | EA | (2) 16' LONG, (2) 12' LONG. LOGS SHALL NOT BE ROBINIA PSEUDOACACAI (HARDWOOD OR APPROVED EQUAL). LOG SHALL BE DEBARKE PRIOR TO ARRIVING ON SITE. | SEE 5/L5.06                                    |
| 17 | BBQ GRILL DOUBLE       | 2  | EA | DUMOR GRILL MODEL #24  | SEE L1/5.05                                    |
| 18 | PERIMETER BOULDER      | 27 | EA | 4-5' ON THREE SIDES. LOCATE IN FIELD   | SEE 7/L5.05                                    |
| 19 | HANDICAP SIGN          | 2  | EA |  | SEE 1/L5.06                                    |

PROJECT NAME:

**HEILMANN PARK  
 CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:50 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:

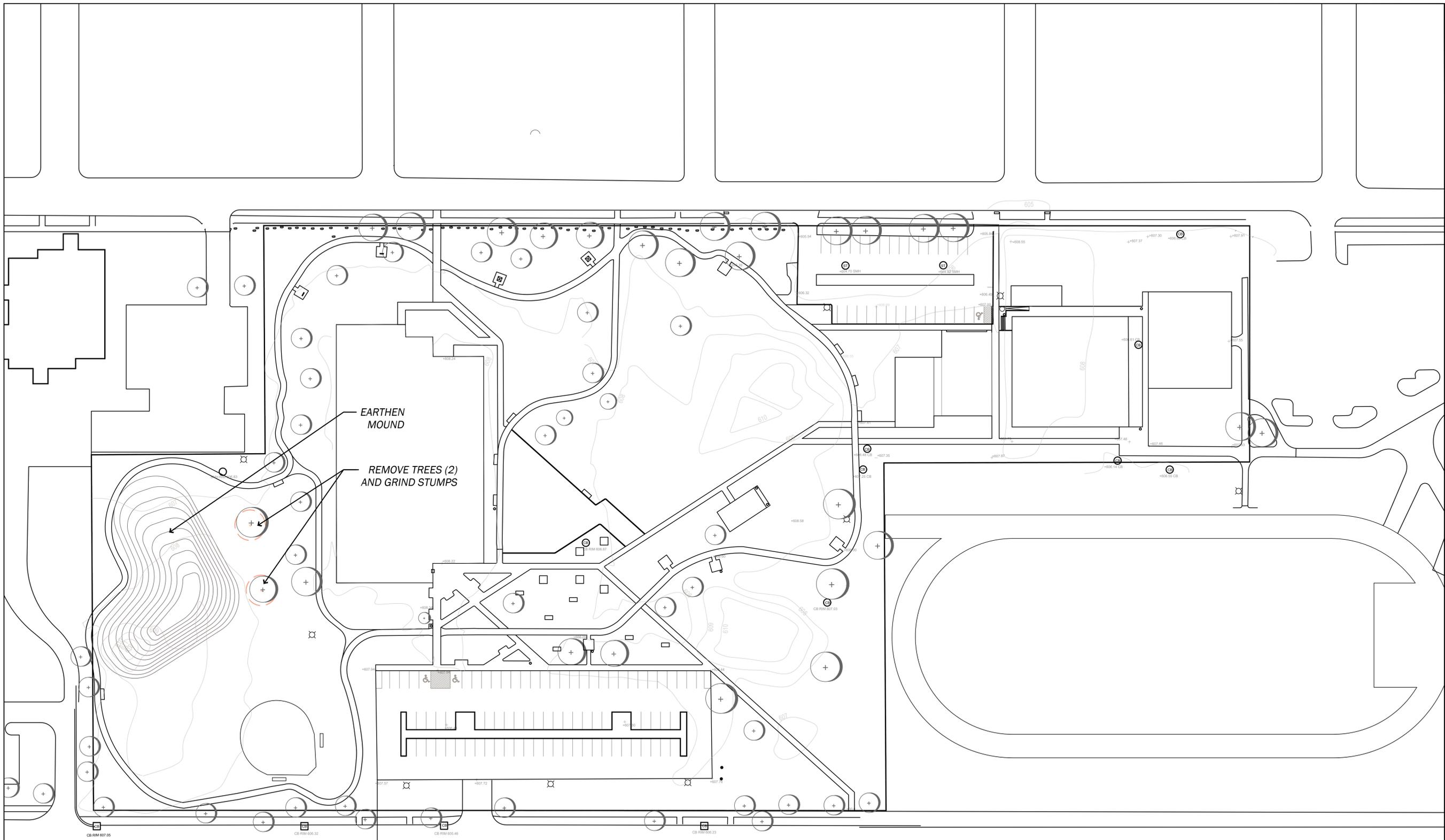
**SITE AMENITIES  
 PLAN**

|            |              |
|------------|--------------|
| FOR FILE   | SHEET        |
| PROJ #:    |              |
| PROP # 000 | <b>L1.11</b> |
| DIST # 0   |              |



GENERAL SERVICES DEPARTMENT  
 LANDSCAPE DESIGN UNIT  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

- LEGEND:  
 LEGEND:
- SITE BOUNDARY
  - EXISTING DECIDUOUS TREE
  - CATCH BASIN
  - STORM MANHOLE
  - STORM SEWER

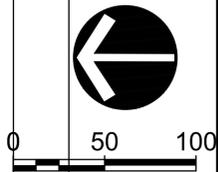


PROJECT NAME:  
**HEILMANN PARK  
 CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:50 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

SHEET TITLE:  
**ALTERNATES PLAN**

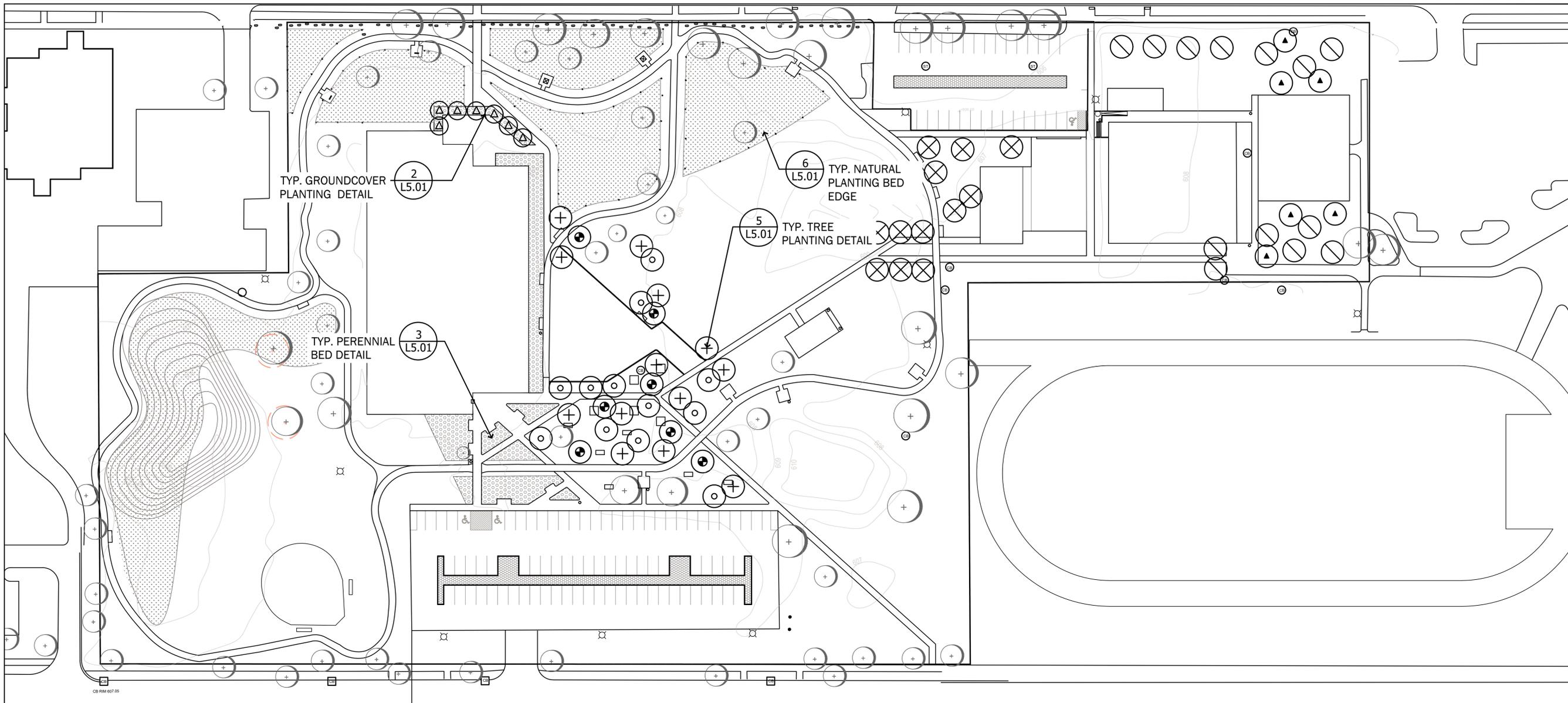
|            |        |
|------------|--------|
| FOR FILE   | SHEET  |
| PROJ #:    | LA1.01 |
| PROP # 000 |        |
| DIST # 0   |        |





GENERAL SERVICES DEPARTMENT  
**LANDSCAPE DESIGN UNIT**  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

- LEGEND:**
- SITE BOUNDARY
  - ⊕ EXISTING DECIDUOUS TREE
  - ▨ HORTICULTURAL BED
  - ▤ NATURAL AREA
  - ⊙ CATCH BASIN
  - ⊗ STORM MANHOLE
  - ST — STORM SEWER



**PLANT LIST**

| SYMBOL | ABBREVIATION | COMMON NAME          | BOTANIC NAME               | QTY   | SIZE            | ROOTBALL | ALTERNATE | QTY |
|--------|--------------|----------------------|----------------------------|-------|-----------------|----------|-----------|-----|
| ⊕      | GT           | HONEY LOCUST         | GLEDITSIA TRIACANTHOS      | 13    | 2 1/2" CAL MIN. | B&B      |           |     |
| ⊙      | GD           | KENTUCKY COFFEE TREE | GYMNOCLADUS DIOICUS        | 7     | 2 1/2" CAL MIN. | B&B      |           |     |
| ⊖      | GB           | GINKO                | GINKO BILOBA               | 12    | 2 1/2" CAL MIN. | B&B      |           |     |
| ⊗      | QRF          | COLUMNAR ENGLISH OAK | QUERCUS ROBUR 'FASTIGIATA' | 7     | 2 1/2" CAL MIN. | B&B      |           |     |
| ⊕      | QR           | RED OAK              | QUERCUS RUBRA              | 12    | 2 1/2" CAL MIN. | B&B      |           |     |
| ⊖      | CC           | EASTERN REDBED       | CERCIS CANADENSIS          | 13    | 2 1/2" CAL MIN. | B&B      |           |     |
| ⊕      | HC           | CAROLINA SILVERBELL  | HALESIA CAROLINA           | 6     | 2 1/2" CAL MIN. | B&B      |           |     |
| ▨      |              | BUTTON BUSH          | CEPHALANTHUS OCCIDENTALIS  | 5336  | SF              |          |           |     |
| ▤      |              | PLANTING BED AREA    |                            | 8157  | SF              |          |           |     |
| ▥      |              | MEADOW SEED MIX      |                            | 43560 | SF              |          |           |     |

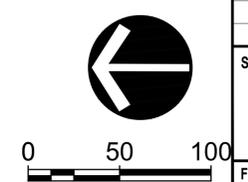
- NOTES:**
- CONTRACTOR TO STAKE LOCATION OF TREES TO BE INSTALLED. REVIEW WITH CITY REPRESENTATIVE PRIOR TO ANY TREE EXCAVATION.
  - CONTACT MISS DIG 72 HOURS PRIOR TO ANY EXCAVATION FOR PRE-MARKING.

PROJECT NAME:  
**HEILMANN PARK CONSTRUCTION**

DRAWN: KG APPROVED:  
 CHECKED: JK SCALE: 1:50  
 ISSUED FOR DATE  
 3/31/2023

SHEET TITLE:  
**PLANTING PLAN**

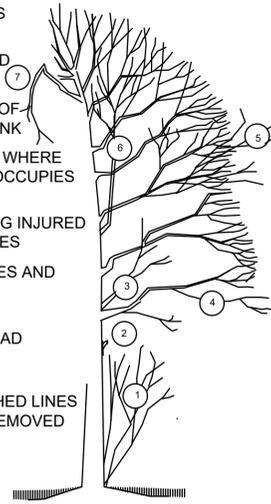
FOR FILE SHEET  
 PROJ #: DIST #:  
 PROP # 000  
 DIST # 0 **LP1.01**



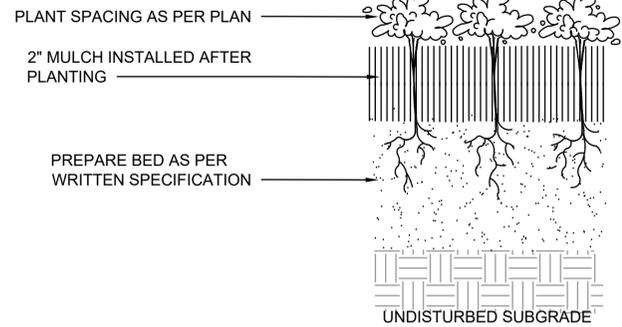
- 1 REMOVE SUCKER SHOOTS AT BASE OF TREE
- 2 MAKE CLEAN CUTS ON OLD STUBS, IF PRESENT
- 3 REMOVE ENTIRE SUPPLY OF TWIGS AND BUDS ON TRUNK
- 4 REMOVE LOWER BRANCH WHERE AN OVERLYING BRANCH OCCUPIES ABOUT THE SAME AREA
- 5 SHAPE TREE BY REMOVING INJURED AND MISSHAPEN BRANCHES
- 6 REMOVE CROSS BRANCHES AND THOSE DEVELOPING INTO SECONDARY LEADERS
- 7 REMOVE BROKEN AND DEAD BRANCHES

NOTE: BRANCHES IN DASHED LINES INDICATE THOSE TO BE REMOVED

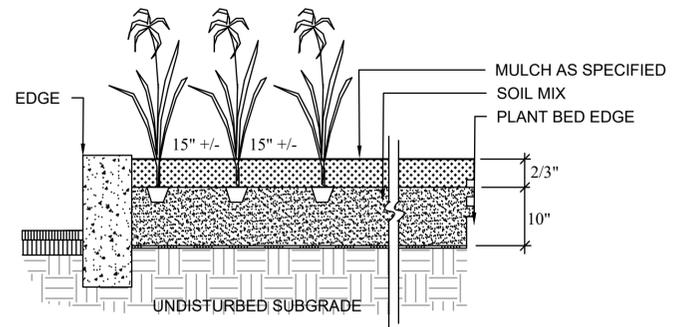
NOT TO EXCEED



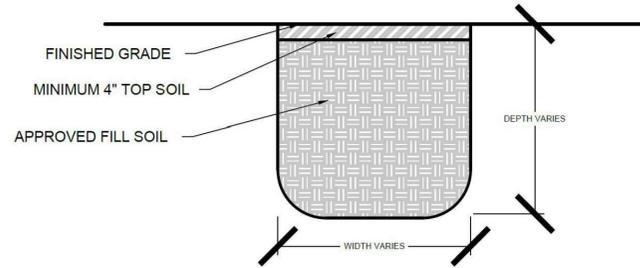
**1 TREE PRUNING**  
L5.01 NOT TO SCALE



**2 GROUNDCOVER PLANTING**  
L5.01 NOT TO SCALE



**3 PERENNIAL BED**  
L5.01 NOT TO SCALE



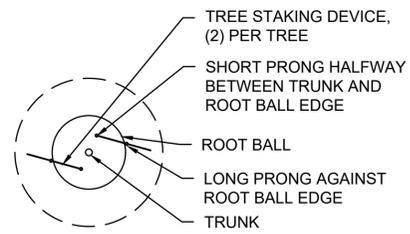
**4 TYPICAL BACKFILL**  
L5.01 NOT TO SCALE

TREE SHALL CONFORM TO ANSI-Z60.1 STANDARD FOR SIZING, FORM, AND ROOT BALL CONDITION.

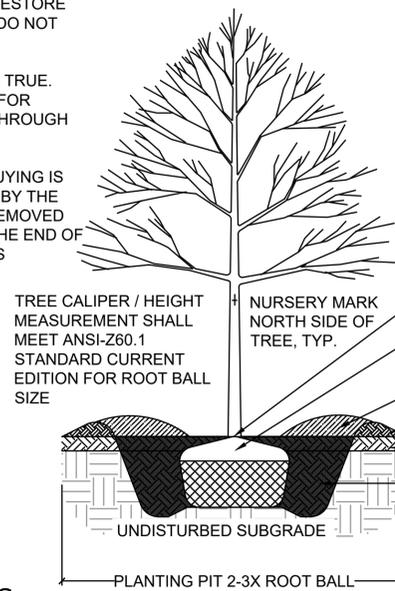
CONTRACTOR TO PRUNE BROKEN BRANCHES ONLY, PER SPECIFICATIONS AND ANSI A300 STANDARD, TO RESTORE PLANT TO REQUIRED QUALITY. DO NOT PRUNE CENTRAL LEADER.

TREE SHALL BE SET PLUMB AND TRUE. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SAID CONDITION THROUGH WARRANTY PERIOD.

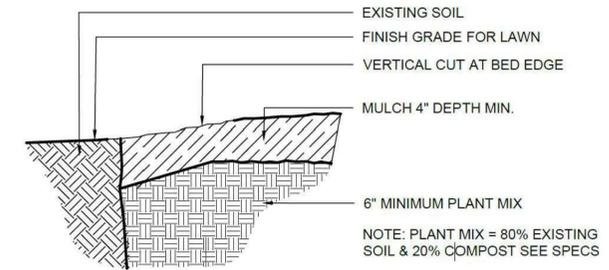
IF NECESSARY, STAKING AND GUYING IS RESPONSIBLE AND MAINTAINED BY THE CONTRACTOR; AND SHALL BE REMOVED BY THE SAME NO LATER THAN THE END OF THE WARRANTY PERIOD UNLESS OTHERWISE NOTED.



PLAN VIEW



**5 TREE PLANTING**  
L5.01 NOT TO SCALE



**6 NATURAL PLANTING BED EDGE**  
L5.01 NOT TO SCALE



GENERAL SERVICES DEPARTMENT  
**LANDSCAPE DESIGN UNIT**  
115 ERSKINE ST, DETROIT MI 48201  
PH: (313) 628-0900 FAX: (313) 628-0927

1. DO NOT SCALE OFF THE DRAWINGS. DETAILS ARE NOT TO SCALE.
2. CHECK ALL MANUFACTURER'S SPECIFICATIONS AND DRAWINGS FOR FURTHER DETAILED INFORMATION.
3. CONTRACTOR TO SUPPLY AND APPLY LOCK TIGHT OR OTHER APPROVED THEFT DETERRENT PRODUCT TO ALL SITE AMENITIES WHERE APPLICABLE.
4. ALL BOLTS SHALL BE CUT OR SAWED SO THERE IS A MAXIMUM OF 3 THREADS VISIBLE.
5. IF NOT SUPPLIED BY THE MANUFACTURER ALL HARDWARE SHALL BE PURCHASED AND INSTALLED (STAINLESS STEEL) BY THE CONTRACTOR.
6. ALL SITE AMENITIES SHALL BE LAYED OUT AND APPROVED BY THE CITY REPRESENTATIVE PRIOR TO INSTALLATION.
7. ALL SUBGRADES SHALL BE COMPACTED TO 95%.
8. CALL MISS DIG 72 HOURS (3 WORKING DAYS) PRIOR TO ANY CONSTRUCTION OR EXCAVATION TO MARK ALL UTILITIES. (800) 482-7171

PROJECT NAME:  
**HEILMANN PARK CONSTRUCTION**

|             |             |
|-------------|-------------|
| DRAWN: KG   | APPROVED:   |
| CHECKED: JK | SCALE: 1:30 |
| ISSUED FOR  | DATE        |
|             | 3/31/2023   |

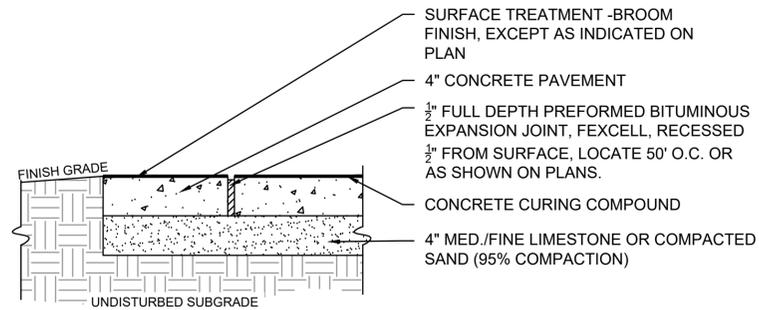
SHEET TITLE:  
**DETAILS PLANTING**

|            |              |
|------------|--------------|
| FOR FILE   | SHEET        |
| PROJ #:    | <b>L5.01</b> |
| PROP # 000 |              |
| DIST # 0   |              |

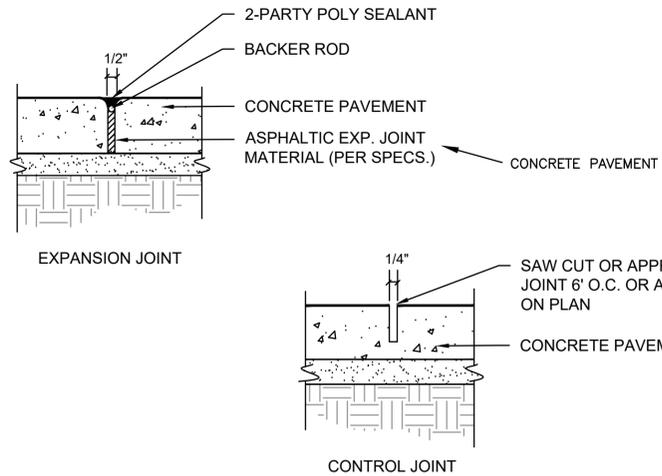


GENERAL SERVICES DEPARTMENT  
**LANDSCAPE DESIGN UNIT**  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

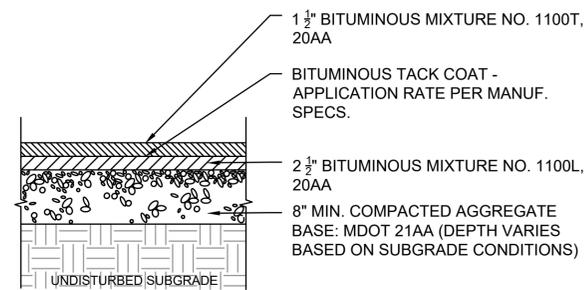
1. DO NOT SCALE OFF THE DRAWINGS. DETAILS ARE NOT TO SCALE.
2. CHECK ALL MANUFACTURER'S SPECIFICATIONS AND DRAWINGS FOR FURTHER DETAILED INFORMATION.
3. CONTRACTOR TO SUPPLY AND APPLY LOCK TIGHT OR OTHER APPROVED THEFT DETERRENT PRODUCT TO ALL SITE AMENITIES WHERE APPLICABLE.
4. ALL BOLTS SHALL BE CUT OR SAWED SO THERE IS A MAXIMUM OF 3 THREADS VISIBLE.
5. IF NOT SUPPLIED BY THE MANUFACTURER ALL HARDWARE SHALL BE PURCHASED AND INSTALLED (STAINLESS STEEL) BY THE CONTRACTOR.
6. ALL SITE AMENITIES SHALL BE LAYED OUT AND APPROVED BY THE CITY REPRESENTATIVE PRIOR TO INSTALLATION.
7. ALL SUBGRADES SHALL BE COMPACTED TO 95%.
8. CALL MISS DIG 72 HOURS (3 WORKING DAYS) PRIOR TO ANY CONSTRUCTION OR EXCAVATION TO MARK ALL UTILITIES. (800) 482-7171



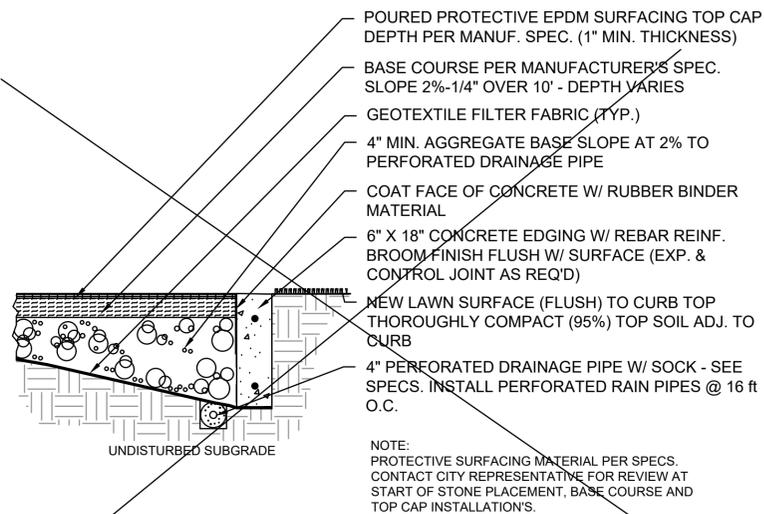
**1 4" CONCRETE PAVEMENT**  
 L5.02 NOT TO SCALE



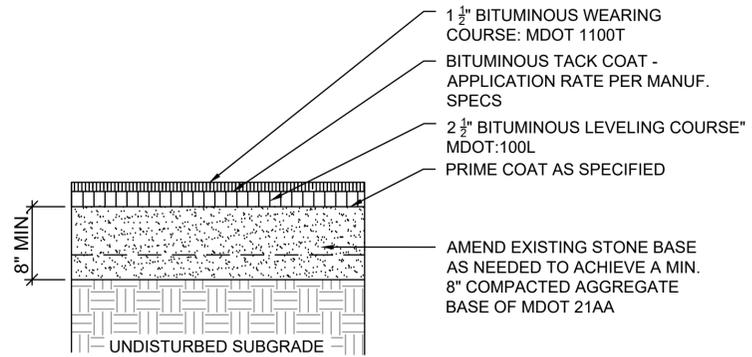
**2 CONTROL/EXPANSION JOINTS**  
 L5.02 NOT TO SCALE



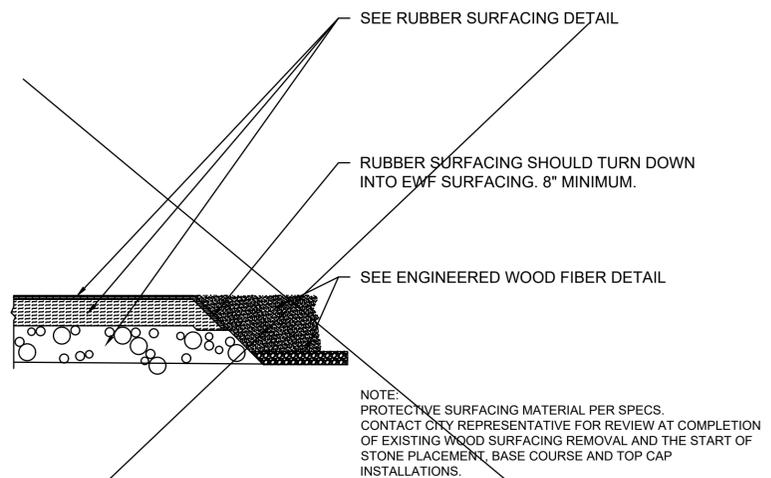
**3 ASPHALT PAVING RECONSTRUCTION**  
 L5.02 NOT TO SCALE



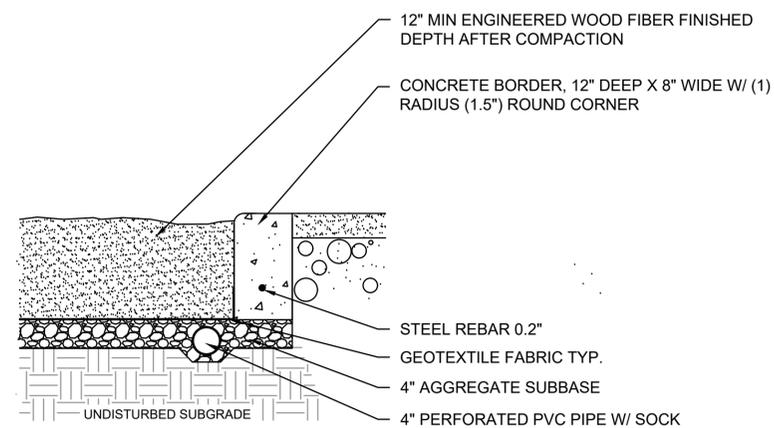
**4 POURED PROTECTIVE SURFACING W/ CONCRETE CURB**  
 L5.02 NOT TO SCALE



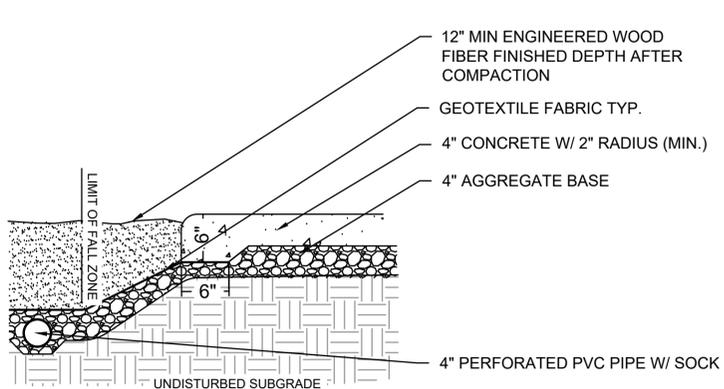
**5 ASPHALT PAVING RECONSTRUCTION**  
 L5.02 NOT TO SCALE



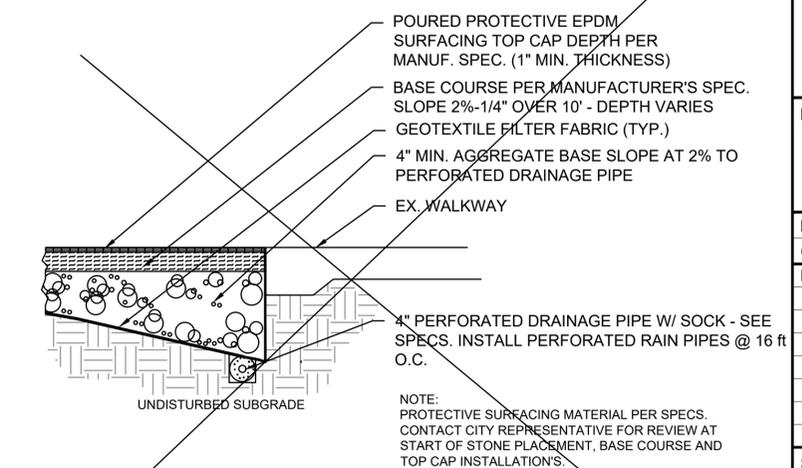
**6 POURED PROTECTIVE SURFACING & EWF**  
 L5.02 NOT TO SCALE



**7 EWF WITH CONCRETE BORDER & DRAINAGE SYS.**  
 L5.02 NOT TO SCALE



**8 EWF WITH DRAINAGE SYS. & CONCRETE WALKWAY/PAD**  
 L5.02 NOT TO SCALE



**9 POURED PROTECTIVE SURFACING W/ EX. SIDEWALK**  
 L5.02 NOT TO SCALE

PROJECT NAME:  
**HEILMANN PARK CONSTRUCTION**

|             |            |
|-------------|------------|
| DRAWN: KG   | APPROVED:  |
| CHECKED: JK | SCALE: NTS |
| ISSUED FOR  | DATE       |
|             | 3/31/2023  |

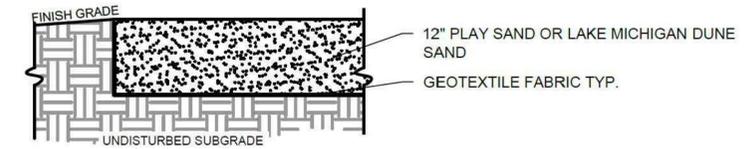
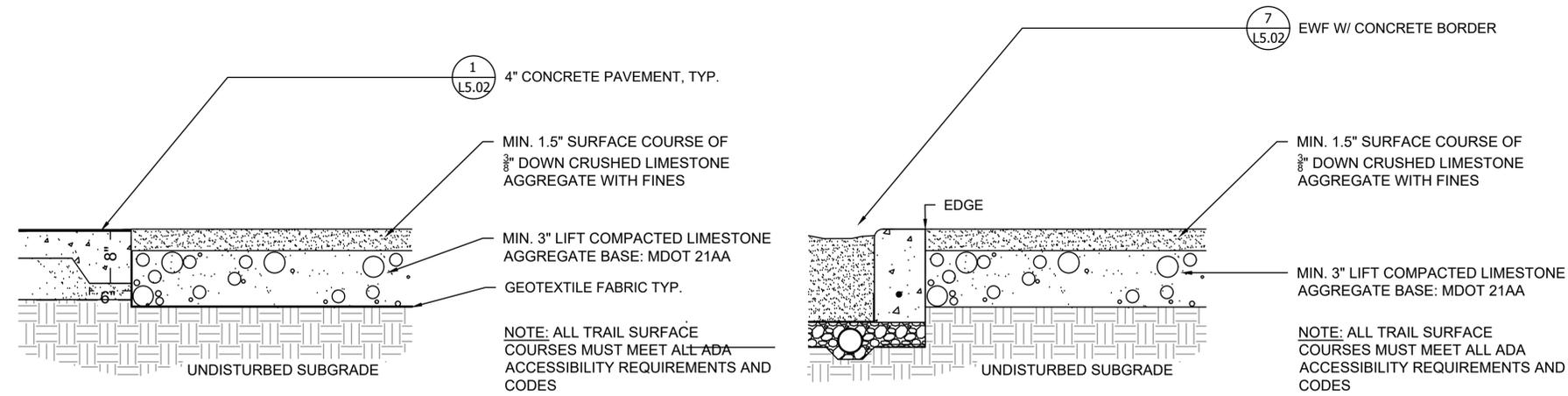
SHEET TITLE:  
**DETAILS HARDSCAPE**

|            |       |
|------------|-------|
| FOR FILE   | SHEET |
| PROJ #:    | L5.02 |
| PROP # 000 |       |
| DIST # 0   |       |



GENERAL SERVICES DEPARTMENT  
**LANDSCAPE DESIGN UNIT**  
 115 ERSKINE ST, DETROIT MI 48201  
 PH: (313) 628-0900 FAX: (313) 628-0927

- DO NOT SCALE OFF THE DRAWINGS. DETAILS ARE NOT TO SCALE.
- CHECK ALL MANUFACTURER'S SPECIFICATIONS AND DRAWINGS FOR FURTHER DETAILED INFORMATION.
- CONTRACTOR TO SUPPLY AND APPLY LOCK TIGHT OR OTHER APPROVED THEFT DETERRENT PRODUCT TO ALL SITE AMENITIES WHERE APPLICABLE.
- ALL BOLTS SHALL BE CUT OR SAWED SO THERE IS A MAXIMUM OF 3 THREADS VISIBLE.
- IF NOT SUPPLIED BY THE MANUFACTURER ALL HARDWARE SHALL BE PURCHASED AND INSTALLED (STAINLESS STEEL) BY THE CONTRACTOR.
- ALL SITE AMENITIES SHALL BE LAYED OUT AND APPROVED BY THE CITY REPRESENTATIVE PRIOR TO INSTALLATION.
- ALL SUBGRADES SHALL BE COMPACTED TO 95%.
- CALL MISS DIG 72 HOURS (3 WORKING DAYS) PRIOR TO ANY CONSTRUCTION OR EXCAVATION TO MARK ALL UTILITIES. (800) 482-7171

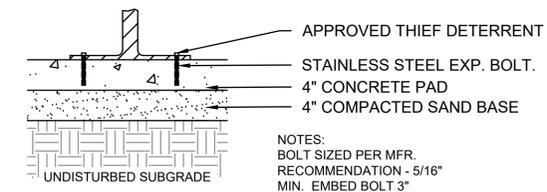
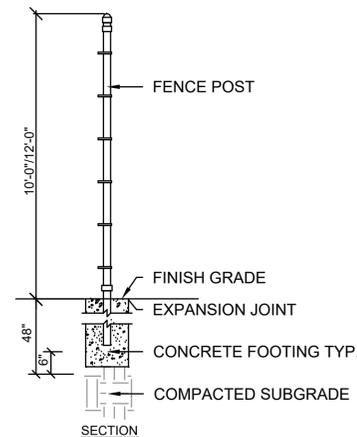
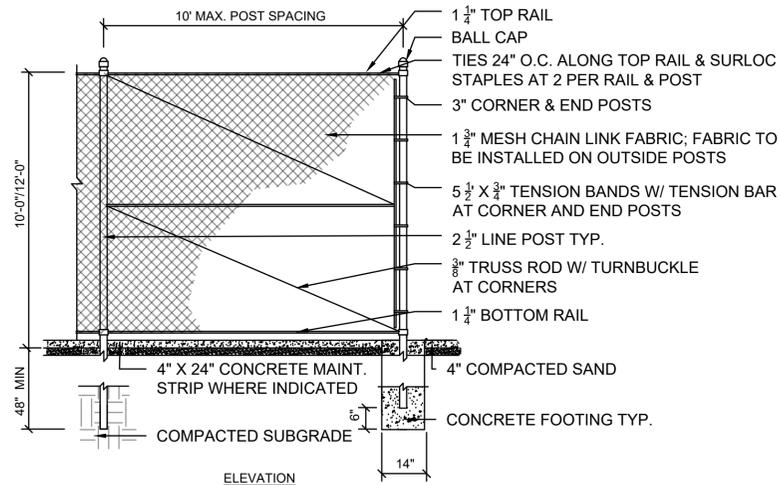


**1 CRUSHED LIMESTONE @ PATHWAY**  
 L5.03 NOT TO SCALE

**2 CRUSHED LIMESTONE @ PLAYGROUND**  
 L5.03 NOT TO SCALE

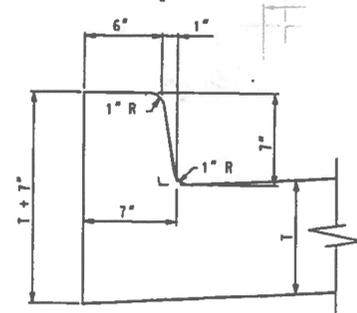
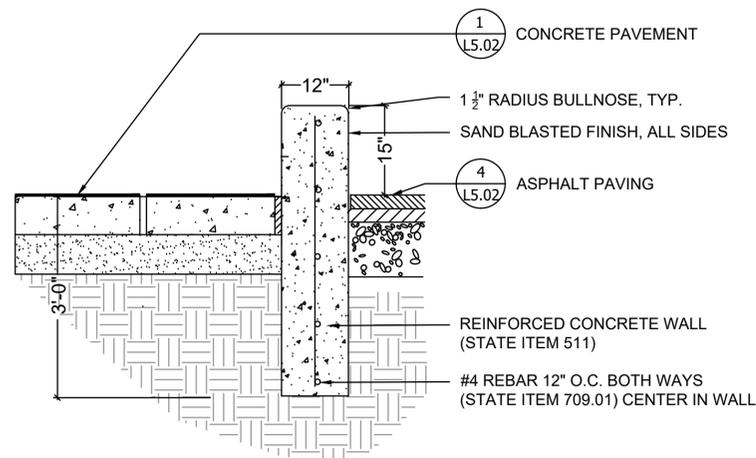
**3 SAND AT PLAYGROUND**  
 L5.03 NOT TO SCALE

NOTES:  
 ALL METAL PARTS SHALL BE VINYL COATED UNLESS OTHERWISE SPECIFIED ALL FABRIC SHALL BE SECURED WITH SURELOCKS PER SPECIFICATION



**4 10' CHAIN LINK FENCE W/ CONCRETE MAINT. STRIP**  
 L5.03 NOT TO SCALE

**5 TYPICAL SURFACE MOUNT**  
 L5.03 NOT TO SCALE



INTEGRAL CURB  
 TYPE III

**6 SEAT WALL DETAIL**  
 L5.03 NOT TO SCALE

**7 CURB DETAIL**  
 L5.03 NOT TO SCALE

PROJECT NAME:

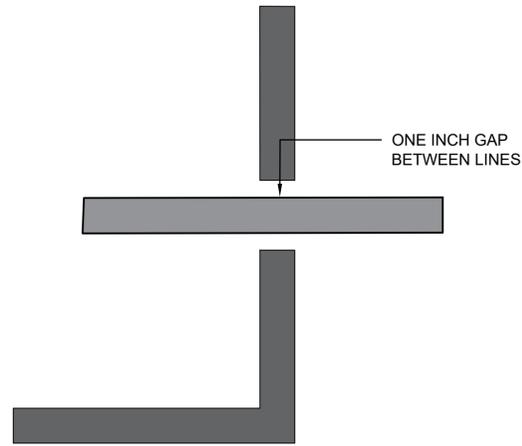
**HEILMANN PARK  
 CONSTRUCTION**

|             |            |
|-------------|------------|
| DRAWN: KG   | APPROVED:  |
| CHECKED: JK | SCALE: NTS |
| ISSUED FOR  | DATE       |
|             | 3/31/2023  |

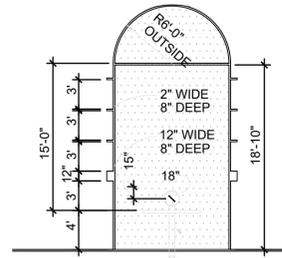
SHEET TITLE:

**DETAILS  
 HARDSCAPE**

|            |       |
|------------|-------|
| FOR FILE   | SHEET |
| PROJ #:    | L5.03 |
| PROP # 000 |       |
| DIST # 0   |       |

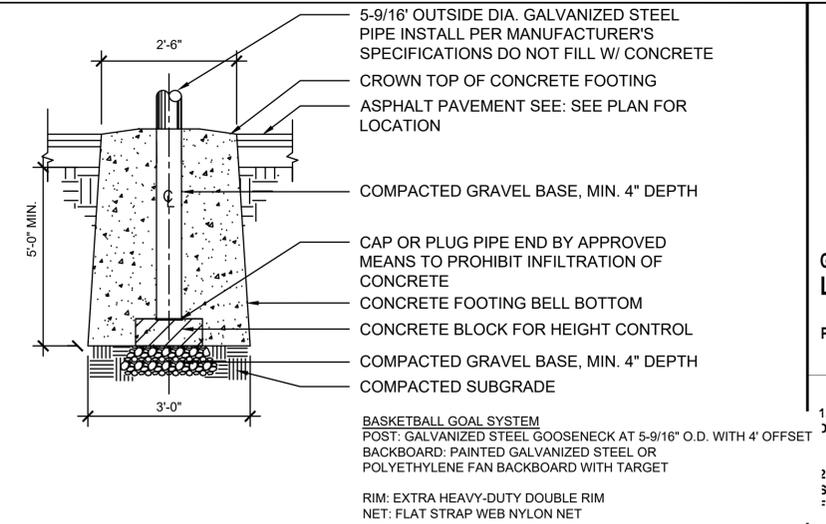


**1** TYPICAL CROSSING LINE DETAIL  
L5.04 NOT TO SCALE



NOTE: THE COLOR OF THE LANE SPACE MARKINGS SHALL BE WHITE AND SHALL CONTRAST WITH THE COLOR OF THE BOUNDING LINES. THE BOUNDARY LINES SHALL BE PAINTED WHITE. ALL LINES SHALL BE 2" WIDTH, TYP.

**3** BASKETBALL STANDARD, SEE TYP. INSTALLATION DETAIL AND SPECS.  
L5.04



**3** BASKETBALL POLE INSTALLATION STANDARD  
L5.04 NOT TO SCALE

1. DO NOT SCALE OFF THE DRAWINGS. DETAILS ARE NOT TO SCALE.

2. CHECK ALL MANUFACTURER'S SPECIFICATIONS AND DRAWINGS FOR FURTHER DETAILED INFORMATION.

3. CONTRACTOR TO SUPPLY AND APPLY LOCK TIGHT OR OTHER APPROVED THEFT DETERRENT PRODUCT TO ALL SITE AMENITIES WHERE APPLICABLE.

4. ALL BOLTS SHALL BE CUT OR SAWED SO THERE IS A MAXIMUM OF 3 THREADS VISIBLE.

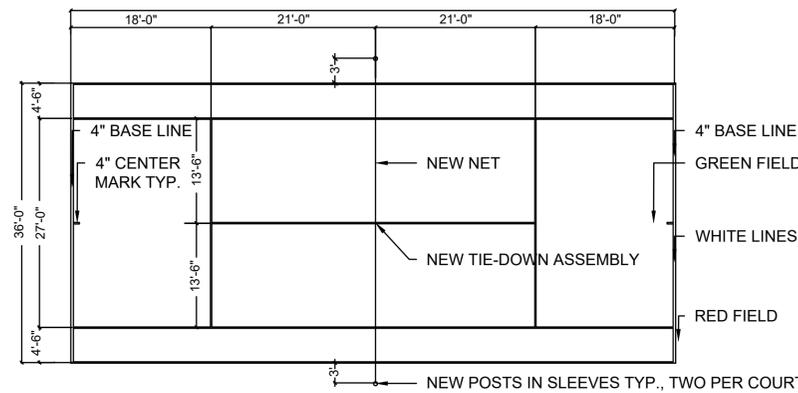
5. IF NOT SUPPLIED BY THE MANUFACTURER ALL HARDWARE SHALL BE PURCHASED AND INSTALLED (STAINLESS STEEL) BY THE CONTRACTOR.

6. ALL SITE AMENITIES SHALL BE LAYED OUT AND APPROVED BY THE CITY REPRESENTATIVE PRIOR TO INSTALLATION.

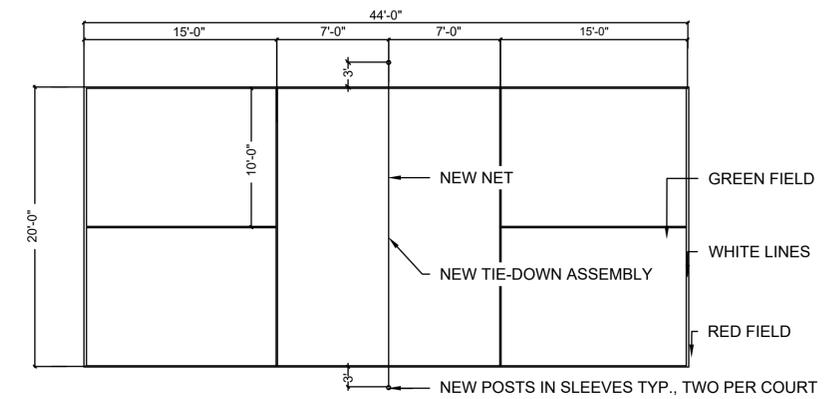
7. ALL SUBGRADES SHALL BE COMPACTED TO 95%.

8. CALL MISS DIG 72 HOURS (3 WORKING DAYS) PRIOR TO ANY CONSTRUCTION OR EXCAVATION TO MARK ALL UTILITIES. (800) 482-7171

**2** BASKETBALL COURT KEY LAYOUT PLAN  
L5.04 NOT TO SCALE



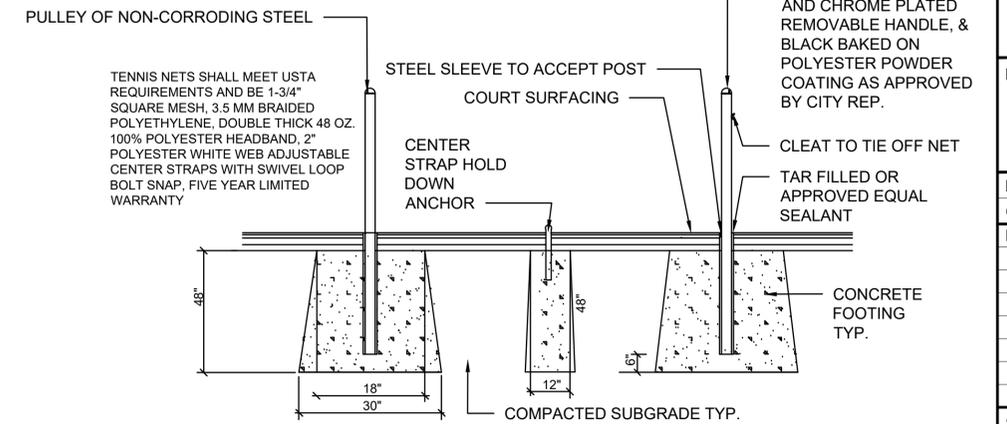
NOTES:  
DIMENSIONS GIVEN TO OUTSIDE OF LINES EXCEPT CENTER LINE. ALL LINES SHALL BE TWO INCHES WIDE EXCEPT FOR BASE LINES WHICH SHALL BE FOUR INCHES WIDE. INCLUDE NUMBER SIGNS AS SPECIFIED



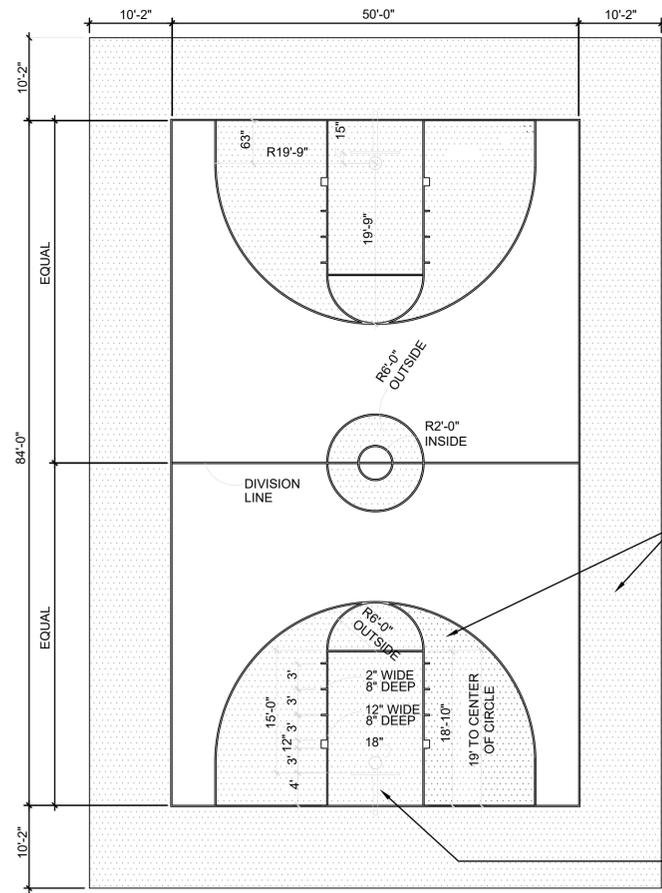
NOTES:  
DIMENSIONS GIVEN TO OUTSIDE OF LINES EXCEPT CENTER LINE. ALL LINES SHALL BE TWO INCHES WIDE EXCEPT FOR BASE LINES WHICH SHALL BE FOUR INCHES WIDE. INCLUDE NUMBER SIGNS AS SPECIFIED

**5** PICKLEBALL COURT  
L5.04 NOT TO SCALE

SOURCE: DOUGLAS TN-45 NETAND PREMIER SQ POST



**7** TENNIS POST AND TIE DOWN  
L5.04 NOT TO SCALE



BITUMINOUS PAVEMENT W/ COLORED ACRYLIC COAT. SUBMIT FULL RANGE OF COLORS FOR SELECTION BY CITY REP.

NOTE: THE COLOR OF THE LANE SPACE MARKINGS SHALL BE WHITE AND SHALL CONTRAST WITH THE COLOR OF THE BOUNDING LINES. THE THREE POINT LINE, FREE THROW LANE LINE, AND SEMICIRCLE SHALL BE WHITE. THE BOUNDARY LINES SHALL BE PAINTED WHITE. ALL LINES SHALL BE 2" WIDTH, TYP.

**3** BASKETBALL STANDARD, SEE TYP. INSTALLATION DETAIL AND SPECS.  
L5.04

**6** BASKETBALL COURT LAYOUT PLAN - TWO GOALS  
L5.04 NOT TO SCALE

PROJECT NAME:

**HEILMANN PARK CONSTRUCTION**

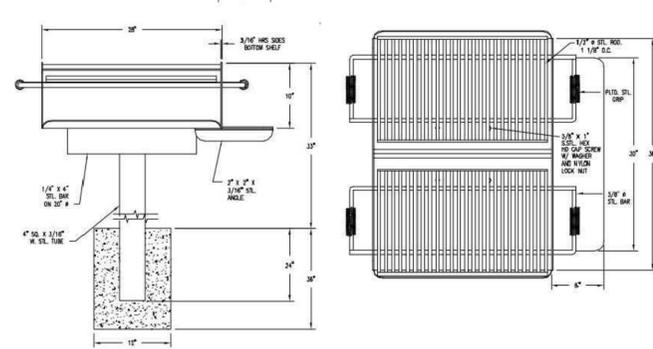
DRAWN: KG APPROVED:  
CHECKED: JK SCALE: NTS  
ISSUED FOR DATE  
3/31/2023

SHEET TITLE:

**DETAILS SPORTS COURT**

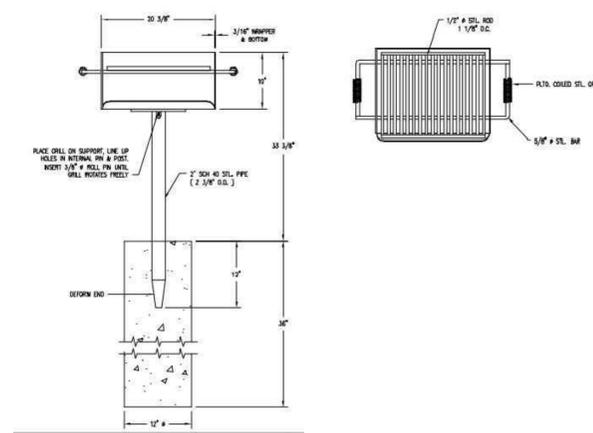
FOR FILE SHEET  
PROJ #: PROJ #:  
PROP #: 000 DIST #: 0  
L5.04

SOURCE: DUMOR  
MODEL # GRILL 24



**1 PEDESTAL PARK GRILL-DOUBLE**  
L5.05 NOT TO SCALE

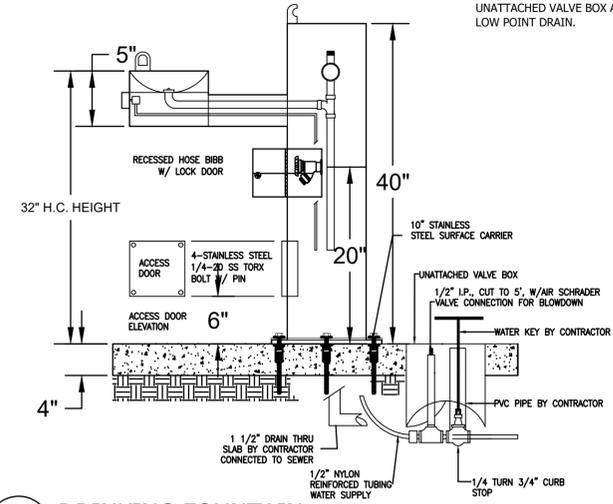
SOURCE: DUMOR  
MODEL # GRILL 21



**2 PEDESTAL PARK GRILL-SINGLE**  
L5.05 NOT TO SCALE

SOURCE: MOST DEPENDABLE FOUNTAINS  
W/ RECESSED HOSE BIBB WITH LOCK DOOR, 10" SS  
SURFACE CARRIER UNATTACHED VALVE BOX AND  
CUT OFF VALVE WITH LOW POINT DRAIN

NOTES:  
LOCK AND KEY COVER HINGES ON RIGHT SIDE.  
INCLUDES RECESSED HOSE BIBB WITH LOCK DOOR,  
UNATTACHED VALVE BOX AND CUT OFF VALVE WITH  
LOW POINT DRAIN.



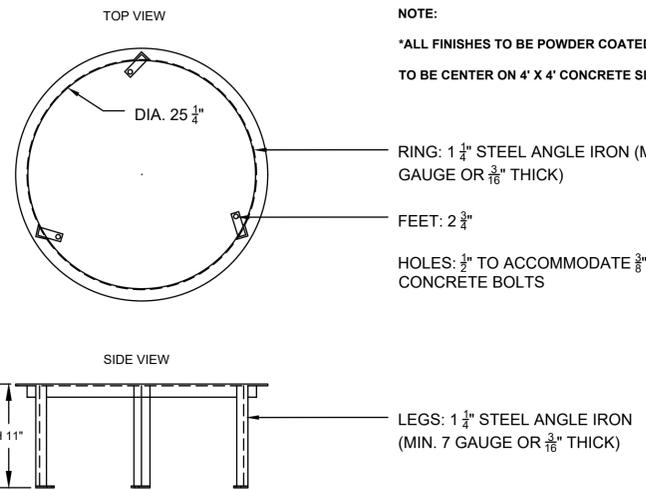
**3 DRINKING FOUNTAIN**  
L5.05 NOT TO SCALE



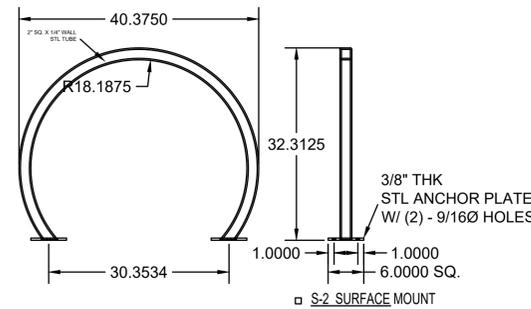
GENERAL SERVICES DEPARTMENT  
**LANDSCAPE DESIGN UNIT**  
115 ERSKINE ST, DETROIT MI 48201  
PH: (313) 628-0900 FAX: (313) 628-0927

- DO NOT SCALE OFF THE DRAWINGS, DETAILS ARE NOT TO SCALE.
- CHECK ALL MANUFACTURER'S SPECIFICATIONS AND DRAWINGS FOR FURTHER DETAILED INFORMATION.
- CONTRACTOR TO SUPPLY AND APPLY LOCK TIGHT OR OTHER APPROVED THEFT DETERRENT PRODUCT TO ALL SITE AMENITIES WHERE APPLICABLE.
- ALL BOLTS SHALL BE CUT OR SAWED SO THERE IS A MAXIMUM OF 3 THREADS VISIBLE.
- IF NOT SUPPLIED BY THE MANUFACTURER ALL HARDWARE SHALL BE PURCHASED AND INSTALLED (STAINLESS STEEL) BY THE CONTRACTOR.
- ALL SITE AMENITIES SHALL BE LAYED OUT AND APPROVED BY THE CITY REPRESENTATIVE PRIOR TO INSTALLATION.
- ALL SUBGRADES SHALL BE COMPACTED TO 95%.
- CALL MISS DIG 72 HOURS (3 WORKING DAYS) PRIOR TO ANY CONSTRUCTION OR EXCAVATION TO MARK ALL UTILITIES. (800) 482-7171

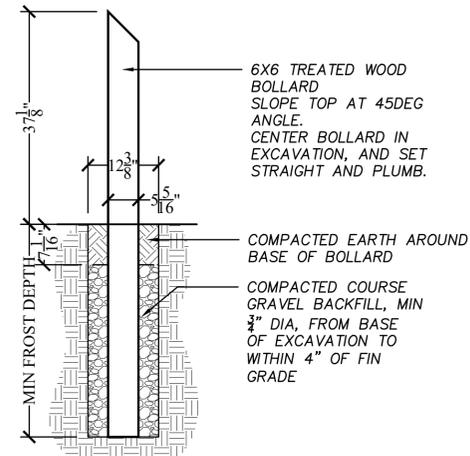
NOTE:  
\*ALL FINISHES TO BE POWDER COATED BLACK  
TO BE CENTER ON 4' X 4' CONCRETE SLAB



**4 ANTI-TIPPING RING FOR TRASH RECEPTACLE**  
L5.05 NOT TO SCALE

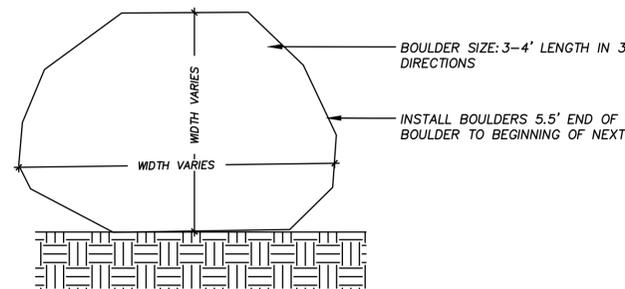


**5 BIKE RACK**  
L5.05 NOT TO SCALE



**6 6" X 8" WOOD BOLLARD**  
L5.05 NOT TO SCALE

NOTE:  
FLAT SURFACE SIDE TO BE PLACED ON THE GROUND. SIZE TO BE  
4' ON ALL HORIZONTAL AND VERTICAL SIDES



**7 PERIMETER BOULDER**  
L5.05 NOT TO SCALE

PROJECT NAME:

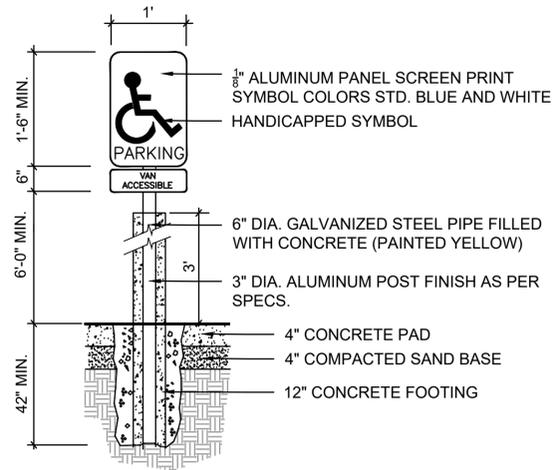
**HEILMANN PARK  
CONSTRUCTION**

|             |            |
|-------------|------------|
| DRAWN: KG   | APPROVED:  |
| CHECKED: JK | SCALE: NTS |
| ISSUED FOR  | DATE       |
|             | 3/31/2023  |

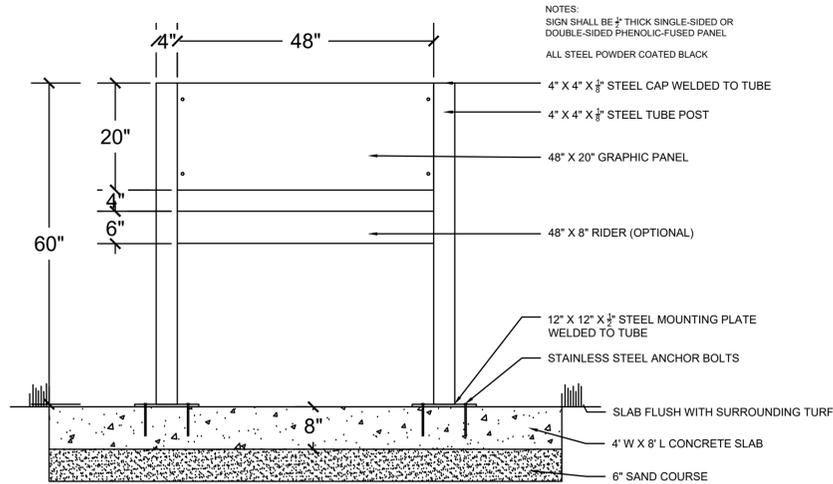
SHEET TITLE:  
**DETAILS  
FURNISHINGS, MISC**

|             |       |
|-------------|-------|
| FOR FILE    | SHEET |
| PROJ #:     | L5.05 |
| PROP #: 000 |       |
| DIST #: 0   |       |

NOTE: ONE HANDICAPPER SPACE AT EACH SITE SHALL BE VAN ACCESSIBLE.

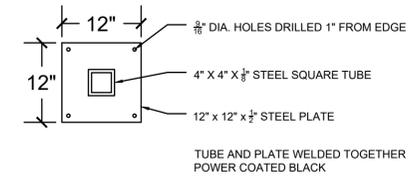


1 HANDICAP SIGN  
L5.06 NOT TO SCALE

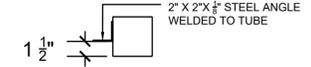


2 4' PARK SIGN INSTALLATION  
5.06 NOT TO SCALE

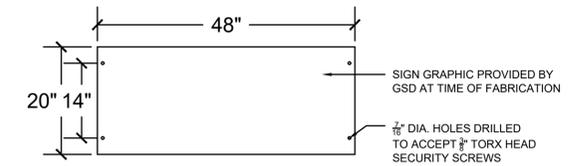
MOUNTING PLATE DETAIL



TOP VIEW - MOUNTING BRACKET

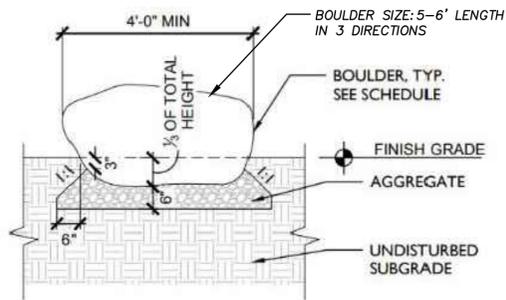


FRONT OF SIGN PANEL DETAIL

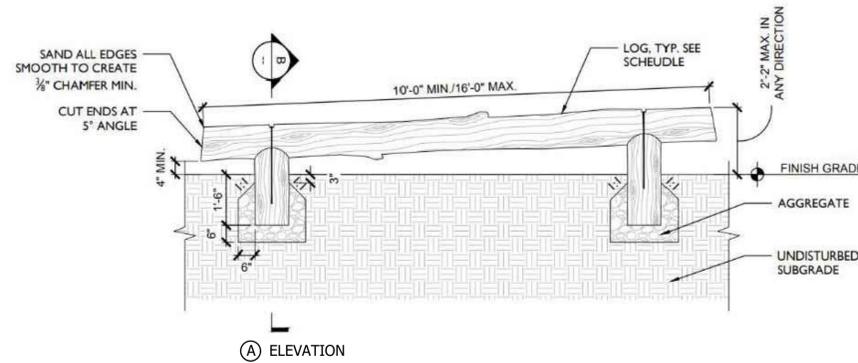


GENERAL SERVICES DEPARTMENT  
LANDSCAPE DESIGN UNIT  
115 ERSKINE ST, DETROIT MI 48201  
PH: (313) 628-0900 FAX: (313) 628-0927

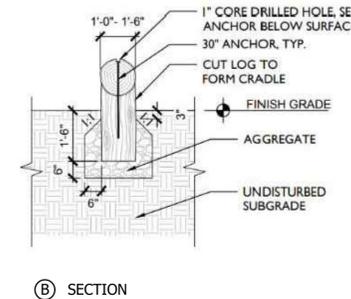
1. DO NOT SCALE OFF THE DRAWINGS, DETAILS ARE NOT TO SCALE.
2. CHECK ALL MANUFACTURER'S SPECIFICATIONS AND DRAWINGS FOR FURTHER DETAILED INFORMATION.
3. CONTRACTOR TO SUPPLY AND APPLY LOCK TIGHT OR OTHER APPROVED THEFT DETERRENT PRODUCT TO ALL SITE AMENITIES WHERE APPLICABLE.
4. ALL BOLTS SHALL BE CUT OR SAWED SO THERE IS A MAXIMUM OF 3 THREADS VISIBLE.
5. IF NOT SUPPLIED BY THE MANUFACTURER ALL HARDWARE SHALL BE PURCHASED AND INSTALLED (STAINLESS STEEL) BY THE CONTRACTOR.
6. ALL SITE AMENITIES SHALL BE LAYED OUT AND APPROVED BY THE CITY REPRESENTATIVE PRIOR TO INSTALLATION.
7. ALL SUBGRADES SHALL BE COMPACTED TO 95%.
8. CALL MISS DIG 72 HOURS (3 WORKING DAYS) PRIOR TO ANY CONSTRUCTION OR EXCAVATION TO MARK ALL UTILITIES. (800) 482-7171



4 FIELD BOULDER  
L5.06 NOT TO SCALE



5 FIELD LOG  
L5.06 NOT TO SCALE



SOURCE: DOUGLAS TN-45 NETAND PREMIER SQ POST

PROJECT NAME:

HEILMANN PARK  
CONSTRUCTION

|             |            |
|-------------|------------|
| DRAWN: KG   | APPROVED:  |
| CHECKED: JK | SCALE: NTS |
| ISSUED FOR  | DATE       |
|             | 3/31/2023  |

SHEET TITLE:  
DETAILS  
FURNISHINGS, MISC

|   |                |
|---|----------------|
| FOR FILE<br>PROJ #:<br>PROP #:<br>DIST #: 0 | SHEET<br>L5.06 |
|---|----------------|