



April 20, 2023

Coleman A. Young Municipal Center
City of Detroit Department of Public Works
City Engineering Division
2 Woodward Ave, Suite 601
Detroit, MI 48226

Re: Old Reford Arts Alley: Encroachment Petition Cover Letter
MAP-23-43

On behalf of Detroit Art, Culture, and Entrepreneurship, OHM Advisors is writing this cover letter in response to the comments received by the City of Detroit's Department of Public Works in regard to the upcoming Arts Alleys project. The proposed Old Reford Arts Alley streetscape is located within the alley northeast of W Grand River Ave and Lahser Rd from Lahser Rd to Greydale Ave.

Within the alley right of way (ROW), existing concrete pavement and some storm will be removed and replaced. Other improvements include a 10' vehicle clearance zone, Arts Alleys signage, waste bins, community kiosks, overhead structures, concrete planters, and a 72" steel gate at the Greydale Ave entrance. We are also proposing a new water service line and improvements to stormwater collection system. The City of Detroit's office of Art, Culture, and Entrepreneurship (ACE) within the City of Detroit's General Services Department will be the owner of the above-referenced Encroachments. ACE will also be responsible for the maintenance and upkeep of these encroachments.

DPW Comments:

- Include letters of support from adjacent property owners who will lose access through the alley.
The property owners adjacent to the alley will not lose access to their property as a result of the proposed work. The proposed fencing work will maintain the existing gates on each end of the alley.
- The bollards and benches may proceed in this review, however the proposed canopy would be considered a structure and is prohibited from encroaching into the public right of way.
In previous discussions with the DPW, no objections were given to the overhead structure. These meetings included Director Brundidge and Pamela Lemme.

Please contact me with any questions at 313-481-1253 or via e-mail at Zachary.hampton@ohm-advisors.com.

Sincerely,
OHM Advisors

A handwritten signature in blue ink that reads "Zachary Hampton". The signature is written in a cursive, flowing style.

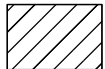
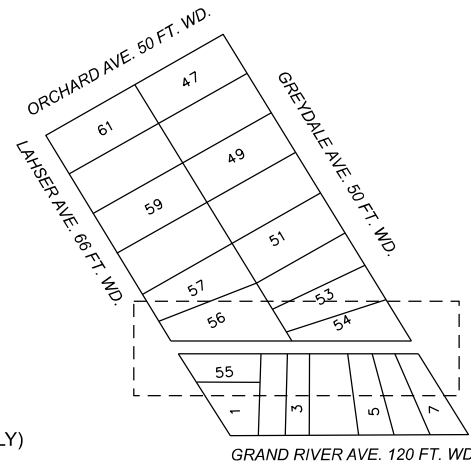
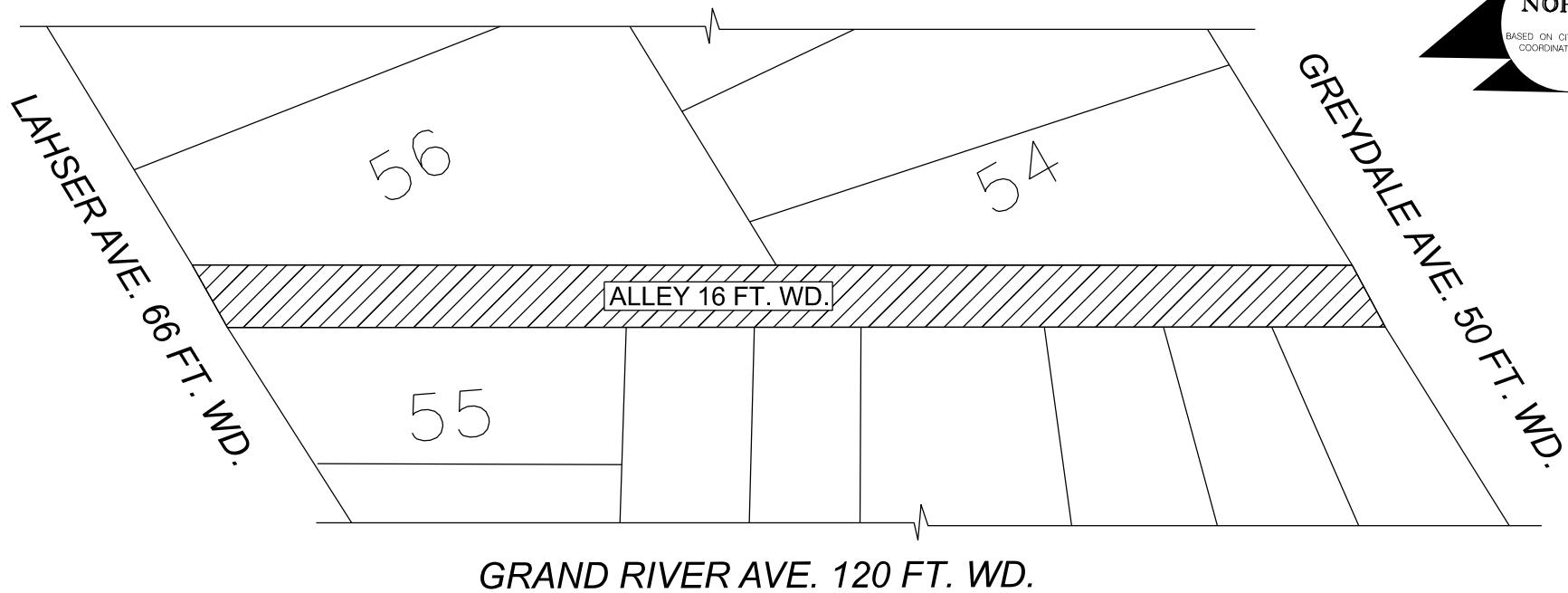
Zachary Hampton, P.E.
Project Engineer

cc: Jack Russo, Project Manager, Detroit ACE
Kareem Srour, Project Manager, Detroit ACE
File

PROVISIONS FOR ENCROACHMENT

1. By approval of this petition the Detroit Water and Sewerage Department (DWSD) does not waive any of its rights to its facilities located in the right of way, and at all time, DWSD, its agents or employees, shall have the right to enter upon the right of way to maintain, repair, alter, service, inspect, or install its facilities. All costs incident to the damaging, dismantling, demolishing, removal and replacement of structures or other improvements herein permitted and incurred in gaining access to DWSD's facilities for maintenance, repairing, alteration, servicing, or inspection by DWSD shall be borne by the petitioner. All costs associated with gaining access to DWSD's facilities, which could normally be expected had the petitioner not encroached into the right of way shall be borne by DWSD.
2. All construction performed under this petition shall not be commenced until after five (5) days written notice to DWSD. Seventy-two (72) hour notice shall also be provided in accordance with P.A. 53 1974, as amended, utilizing the MISS DIG one call system.
3. Construction under this petition is subject to inspection and approval by DWSD. The cost of such inspection shall, at the discretion of DWSD, be borne by the petitioner.
4. DWSD prohibits the use of heavy construction equipment or the storage of building material directly over or near DWSD facilities. DWSD also prohibits the use of cranes and balls or hydraulic rams for pavement removal where DWSD facilities are involved. If the water main or sewer facilities are broken or damaged as a result of any action on the part of the contractor, the contractor shall be liable for all costs incidental to the repair of such broken or damaged water main or sewer facilities. If DWSD facilities located within the street shall break or be damaged as the result of any action on the part of the petitioner, then in such event the petitioner agrees to be liable for all costs incident to the repair, replacement or relocation of such broken or damaged DWSD facilities.
5. The petitioner shall hold DWSD harmless for any damage to the encroaching device constructed or installed under this petition, which may be caused by the failure of DWSD's facilities.
6. If at any time in the future the petitioner shall request removal and / or relocation of DWSD's facilities in the street being encroached upon, the petitioner agrees to pay all costs for such removal and/or relocation.
7. Prior to construction, Easement Encroachment Permit (EEP) should be obtained and the insurance required by the EEP should not expire until after completion of the construction.
8. For any proposed work that involves DWSD water mains and/or sewers, an approval and a permit is required from DWSD before commencement of work.
9. It is DWSD's requirement that any proposed utility crossing DWSD water mains and/or sewers perpendicularly must maintain a minimum of 18 inches vertical clearance. Any proposed utility running adjacent to DWSD water mains and/or sewers must maintain a minimum of 10 feet lateral clearance including any conduit and/or manholes walls. No utility is allowed to run along the top of the water main or/or sewer.
10. It is DWSD's requirement that no encroachment has a vertical clearance of less than 16 feet over DWSD water mains and/or sewers.

MAP-23-43



- REQUEST ALLEY EASEMENT

(FOR OFFICE USE ONLY)

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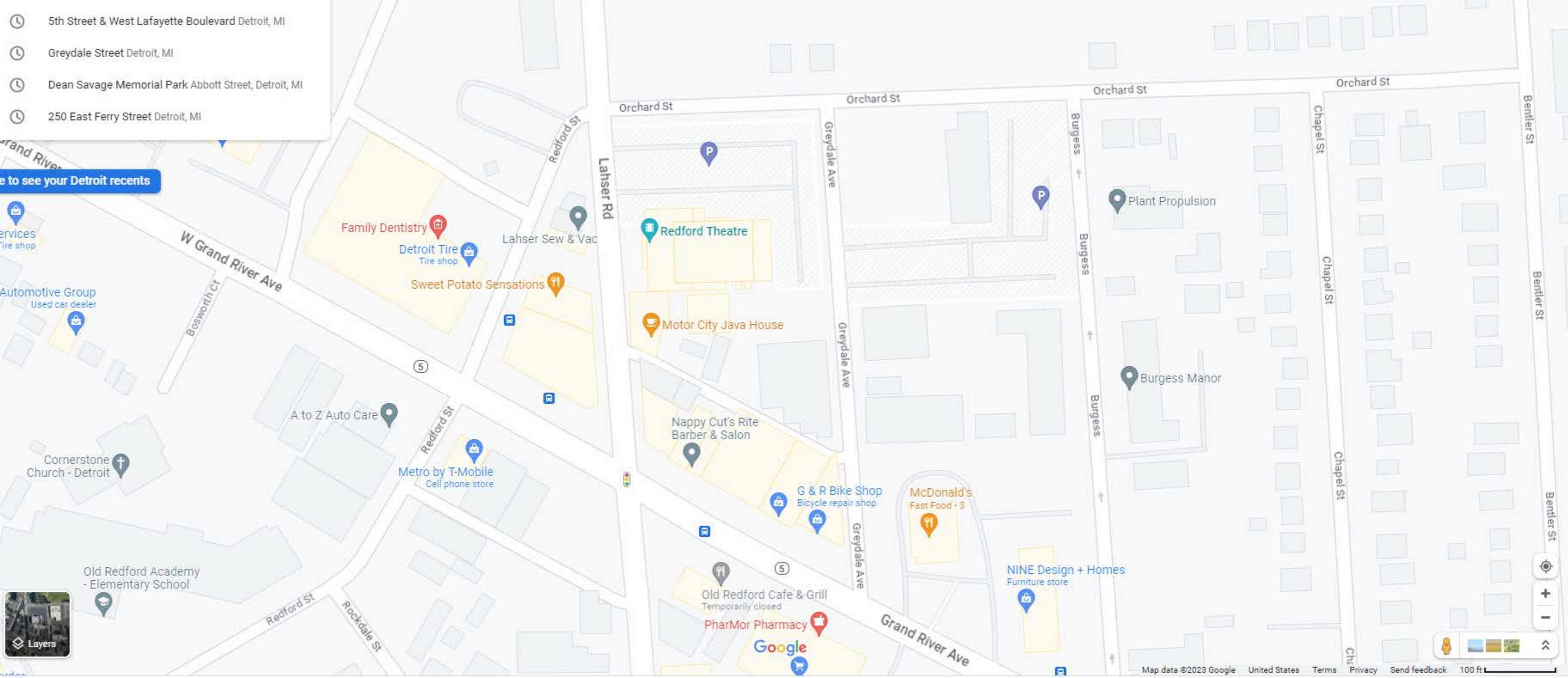
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REVISIONS					
DRAWN BY	LC	CHECKED	JD		
DATE	04-10-2023	APPROVED	JD		

**REQUEST EASEMENT FOR ALLEY
 BOUNDED BY LAHSER RD., GRAND RIVER AVE.,
 GREYDALE AVE., AND ORCHARD AVE.
 FOR ARTS ALLEYS - PHASE 1**

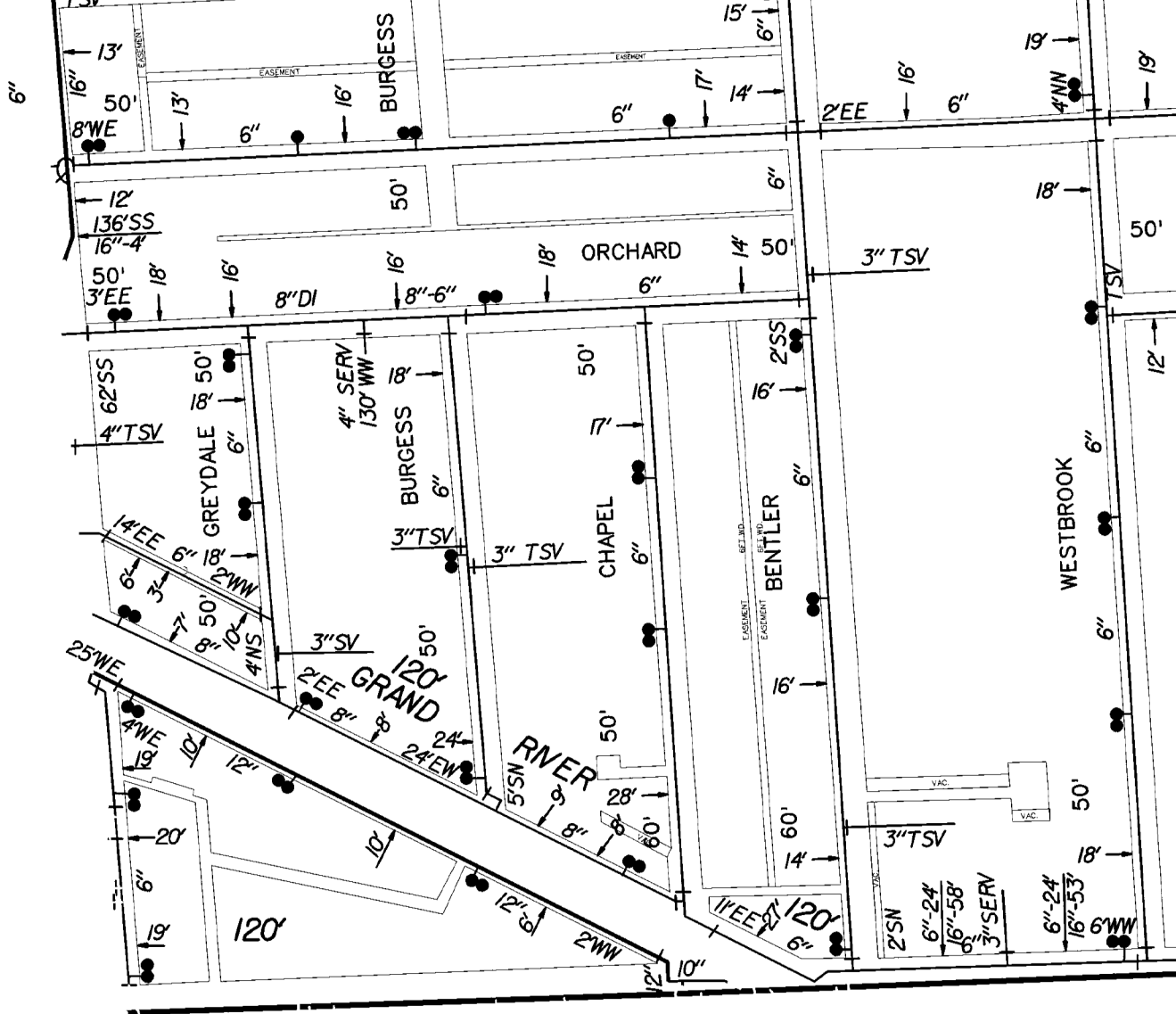
CITY OF DETROIT CITY ENGINEERING DIVISION SURVEY BUREAU	
JOB NO.	23-43
DRWG. NO.	

- 🕒 5th Street & West Lafayette Boulevard Detroit, MI
- 🕒 Greydale Street Detroit, MI
- 🕒 Dean Savage Memorial Park Abbott Street, Detroit, MI
- 🕒 250 East Ferry Street Detroit, MI

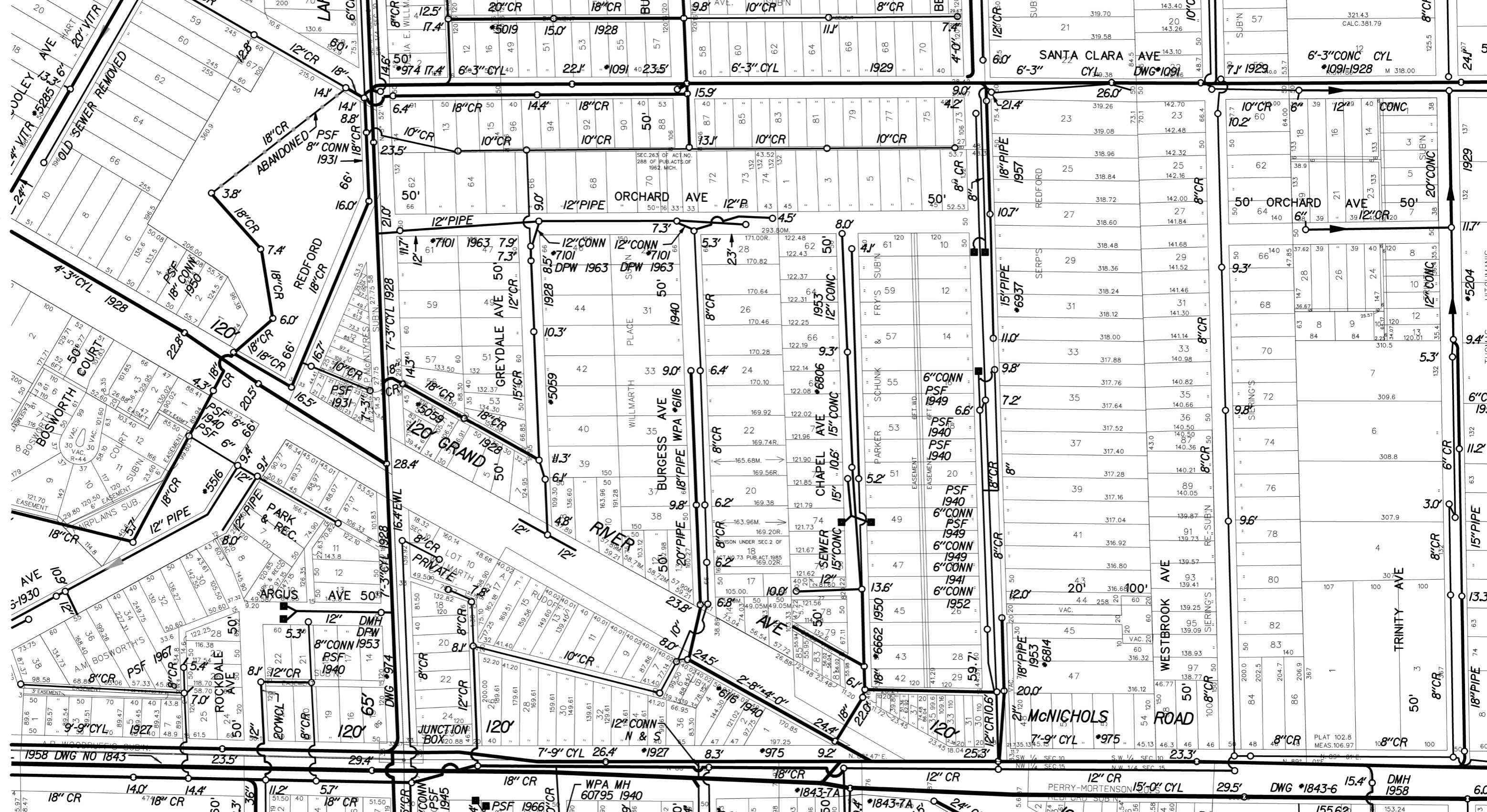
Click here to see your Detroit recents



- Services Tire shop
- Automotive Group Used car dealer
- Cornerstone Church - Detroit
- Old Redford Academy - Elementary School
- Layers



S-122-F



12" CR

18" CR

10" CR

12" PIPE

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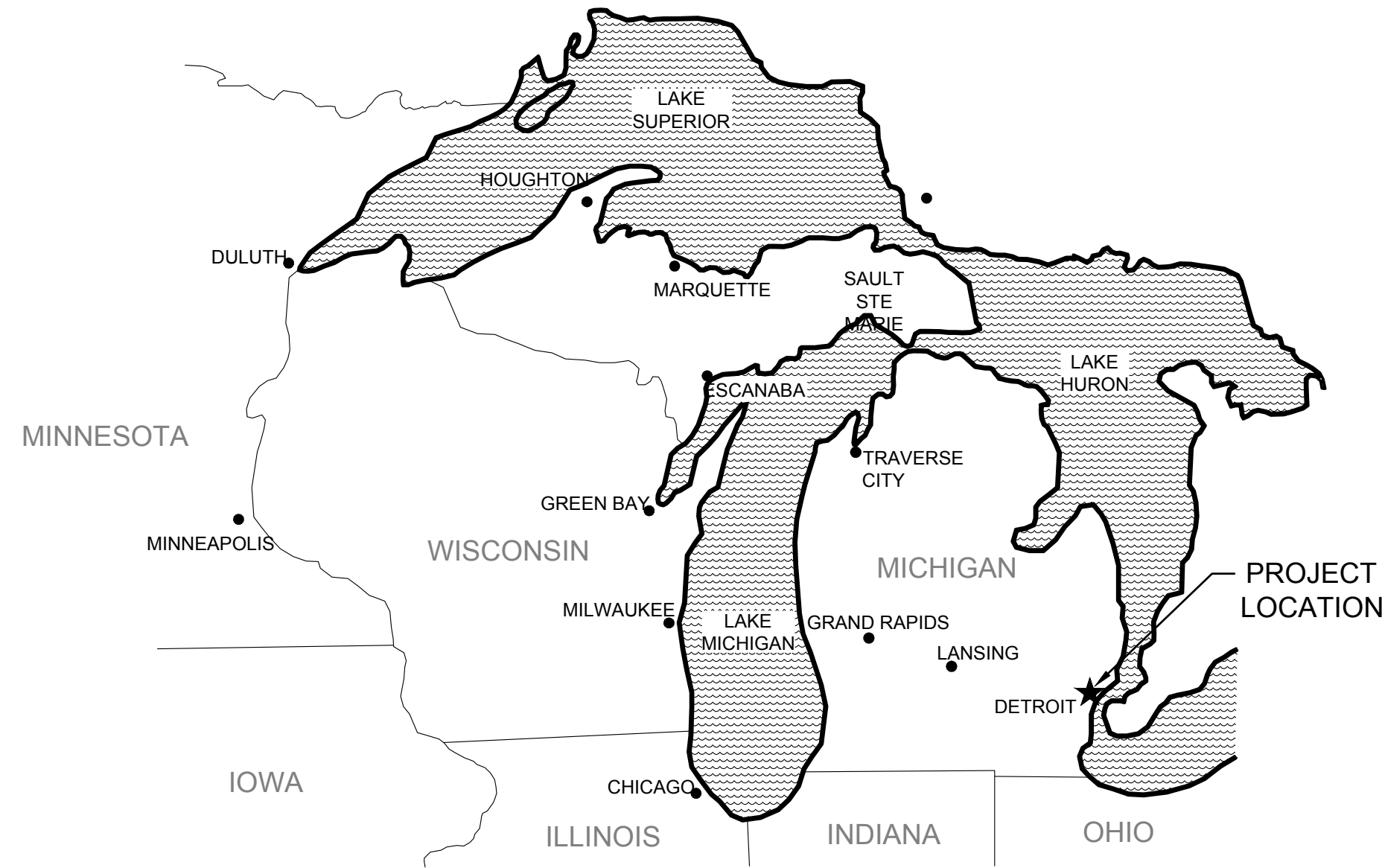
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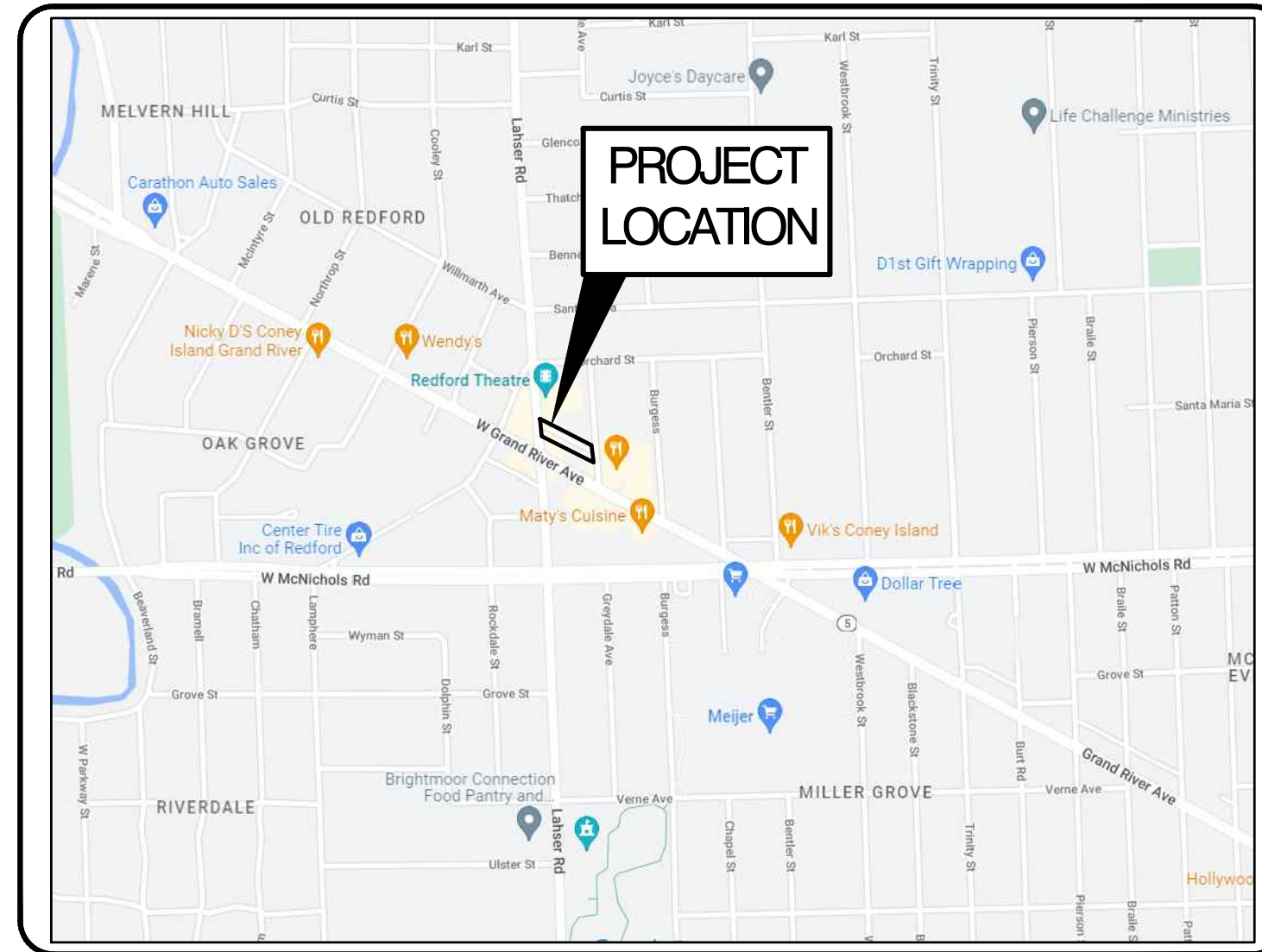
CITY OF DETROIT

ART ALLEYS - PHASE 1

OLD REDFORD WAYNE COUNTY, MICHIGAN



AREA LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

OWNER: GENERAL SERVICES DEPARTMENT
CONTACT: ROCHELLE RILEY
115 ERSKINE STREET,
DETROIT, MI 48201
313-480-5265

ENGINEER: OHM ADVISORS, INC.
CONTACT: PATRICK DROZE, PE
1145 GRISWOLD STREET, SUITE 200
DETROIT, MICHIGAN 48226
313-481-1252
PATRICK.DROZE@OHM-ADVISORS.COM



UTILITY PROVIDERS

SANITARY/WATER
DETROIT WATER AND SEWERAGE
735 RANDOLPH STREET
DETROIT, MI 48226
PHONE: 313-267-8000
EMAIL: KENOSHA.DAVIDSON@DETROITMI.GOV

EVERSTREAM
3950 SPARKS DR SE
GRAND RAPIDS, MI 49546
PHONE: 616-608-8945
EMAIL: BKUNTER@EVERSTREAM.NET
CONTACT: BRIAN KUNTER

GLWA
735 RANDOLPH STREET#1900
DETROIT, MI 48226
PHONE: 844-455-4592
EMAIL: GIS@GLWATER.ORG

LEVEL 3 NOW CENTRUYLINK
1025 ELDORADO BLVD
BROOMFIELD, CO 80021
PHONE: 877-366-8344 EXT:3
EMAIL: RYAN.EGAN@CENTURYLINK.COM
CONTACT: RYAN EGAN

ELECTRICITY
DETROIT EDISON
ONE ENERGY PLAZA, 518 SB
DETROIT, MI 48226
PHONE: 313-235-5632
EMAIL: DESIGN_MISSDIG@DTEENERGY.COM

VERIZON/MCI
1095 AVENUE OF THE AMERICAS
NEW YORK, NY 10036
PHONE: 800-624-9675
EMAIL: RONALD.KOCIENSKI@VERIZONWIRELESS.COM
CONTACT: RONALD KOCIENSKI

TELEPHONE
ATT
54 N. MILL ST, 4TH FLOOR
PONTIAC, MI 48342
EMAIL: LD2154@ATT.COM
CONTACT: HEATHER VALLE-KNOBLAUCH

CABLE
COMCAST
25626 TELEGRAPH
SOUTHFIELD, MI 48034
PHONE: 248-809-2715
EMAIL: CRAIG_PUDAS@CABLE.COMCAST.COM
CONTACT: CRAIG PUDAS

SHEET INDEX

REVISION KEY
● NEW SHEET ○ NOT REVISED ▲ REVISED

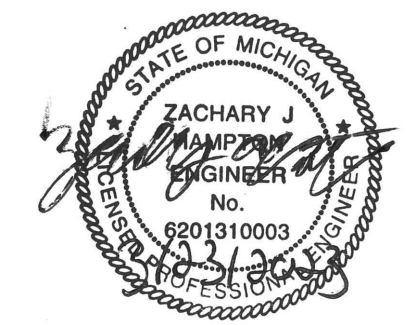
SHEET	SHEET TITLE	DATE	DESCRIPTION	ISSUE
C2	LEGEND	03/15/23	BID PLANS	
C3	GENERAL NOTES			
C4	EXISTING CONDITIONS / TOPOGRAPHIC SURVEY			
C5	ACCESS AND STAGING PLAN			
C6	DEMOLITION			
C7	SITE LAYOUT PLAN			
C8	ALTERNATE SITE PLAN			
C9-C10	GRADING PLAN			
C11	UTILITY PLAN			
C12-C14	SITE/CIVIL DETAILS			
C15-C16	UTILITY DETAILS			
L1	LANDSCAPE NOTES			
L2	LANDSCAPE PLAN			
L3	LANDSCAPE PLANTING DETAILS			

BID PLANS

OHM PROJECT NO. 7522-20-0010

DATE/ISSUE: 03/15/23

I Certify That The Civil Plans Were Prepared Under My Direct Supervision



I Certify That The Landscaping Plans Were Prepared Under My Direct Supervision



WATER & SEWER UTILITY SYMBOLS

EXISTING

- STORM MANHOLE
- SQUARE CATCH BASIN
- ROUND CATCH BASIN
- CULVERT
- CULVERT W/O END SECTION
- CULVERT W/END SECTION
- SANITARY MANHOLE
- CLEAN OUT
- GATE VALVE & WELL
- GATE VALVE & BOX
- WATER STOP BOX
- FIRE HYDRANT
- METER PIT
- WATER METER
- SPRINKLER HEAD
- IRRIGATION VALVE

PROPOSED

- STORM MANHOLE
- INLET/CATCH BASIN
- CULVERT END SECTION
- SANITARY MANHOLE
- GATE VALVE & WELL
- GATE VALVE & BOX
- TAPPING SLEEVE VALVE & WELL
- TAPPING SLEEVE VALVE & BOX
- FIRE HYDRANT
- WATER SERVICE CONNECTION
- METER PIT
- ELECTRIC CABINET
- YARD HYDRANT
- CLEAN OUT

REAL ESTATE SYMBOLS

- CONTIGUOUS PROPERTY SYMBOL
- PARCEL NUMBER BOX
- NO ROW IMPACTS

MISCELLANEOUS UTILITY SYMBOLS

EXISTING

- GUY WIRE
- GUY POLE
- UTILITY POLE
- UTILITY POLE W/LIGHT
- LIGHT/DECOR LAMP POLE
- FLOOD LIGHT
- GAS VALVE
- GAS VENT
- GAS METER
- GAS RISER
- TRAFFIC SIGNAL
- PEDESTRIAN RISER
- TRANSFORMER PAD
- PRIVATE UTILITY MANHOLE
- RAILROAD CROSSING
- ELECTRIC METER
- PHONE BOOTH
- TRAFFIC SIGNAL CONTROLLER
- HAND HOLE
- ELECTRIC RISER
- TELEPHONE RISER
- CABLE TV RISER
- MONITORING WELL
- UNDERGROUND MARKER

EROSION CONTROL PLAN

- AGGREGATE TRACKING MAT
- INLET FILTER (PAVEMENT)
- LIMITS OF DISTURBANCE

MISCELLANEOUS SYMBOLS

EXISTING

- RIPRAP
- SIGN
- FLOW DIRECTION
- STUMP
- WETLAND
- CONIFEROUS TREE
CL 1 1" TO 5"
CL 2 6" TO 17"
CL 3 18" TO 35"
CL 4 36" AND UP
- DECIDUOUS TREE
- CONIFEROUS SHRUB
- DECIDUOUS SHRUB
- SOIL BORING
- SECTION CORNER
- MONUMENT
- IRON ROD/PIPE
- PK NAIL
- BENCHMARK
- TRAVERSE POINT
- MAIL/NEWSPAPER BOX
- FLAG POLE
- POST

- HAZARDOUS OR FLAMMABLE MATERIAL USED WITH UNDERGROUND GAS & ELECTRICAL LINES
- CAUTION - CRITICAL UNDERGROUND UTILITY USED WITH TELEPHONE & FIBER OPTIC LINES

PROPOSED

- RIPRAP
- SIGN
- FLOW DIRECTION
- STRUCTURE NUMBER
WM SAN STM
- ADA SIDEWALK RAMP

PROPOSED PAVEMENT LEGEND

- CONCRETE PAVEMENT

PROPOSED PAVEMENT SURFACE TREATMENT LEGEND

- EXPOSED AGGREGATE
- PAVEMENT REMOVAL
- COLD MILLING HMA SURFACE
- HMA BASE CRUSHING AND SHAPING
- EXCAVATION, EARTH, MODIFIED

UTILITY PATTERN

EXISTING

- ELECTRICAL *
- GAS/OIL
- CABLE/TELEPHONE *
- FIBER OPTIC *
- WATER
- SANITARY
- STORM

PROPOSED

- STORM/SANITARY/WATER
 - PRIMARY UTILITY WILL HAVE A CONTINUOUS LIFESTYLE, WITH THE SECONDARY UTILITY MATCHING ITS RESPECTIVE EXISTING UTILITY LIFESTYLE
- *OH = OVERHEAD , UG = UNDERGROUND

ROW PATTERN

EXISTING

- ROW
- SECTION
- PROPERTY/PARCEL

PROPOSED

- ROW

TOPO PATTERN

EXISTING

- HEDGE/TREE
- FENCE
- GUARDRAIL
- CENTERLINE OF DITCH
- RAILROAD
- WETLAND/EDGE OF WATER

PROPOSED

- GRADING LIMIT (SLOPE STAKE)
- CENTERLINE OF DITCH
- GUARDRAIL
- FENCE

REMOVAL LEGEND

- SIDEWALK REMOVAL
- HMA SURFACE REMOVAL
- PAVEMENT REMOVAL
- COLD MILLING HMA SURFACE
- HMA BASE CRUSHING AND SHAPING
- EXCAVATION, EARTH, MODIFIED
- CURB AND GUTTER, REM
- HEAVY BRUSH, REM
- S-XXXXXX SALVAGE
- B-XXXXXX BULKHEAD
- A-XXXXXX ABANDON
- R-XXXXXX REMOVE
- ADJ-XXXXXX ADJUST
- REL-XXXXXX RELOCATE
- REC-XXXXXX RECONSTRUCT
- R B/O-XXXXXX REMOVE BY OTHERS
- ADJ B/O-XXXXXX ADJUST BY OTHERS
- REL B/O-XXXXXX RELOCATE BY OTHERS

IF NECESSARY FOR CLARITY

- (S) SALVAGE
- (B) BULKHEAD
- (A) ABANDON
- (C) CLEARING
- (R) REMOVE
- (REL) RELOCATE
- (REC) RECONSTRUCT
- (REL B/O) RELOCATE BY OTHERS
- (ADJ B/O) ADJUST BY OTHERS

SPECIAL LEGEND

- PROPOSED LANDSCAPING AREA
- PROPOSED TURF AREA

ARCHITECTS ENGINEERS PLANNERS
1145 Griswold, Suite 200
Detroit, MI 48226
P (313) 481-1250
OHM-ADVISORS.COM

Arts, Culture, Entrepreneurship

livingLAB

ZACHARY J. ZALESKI
Professional Engineer
No. 6201310003
EXPIRES 12/31/2024

REVISIONS

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DATE	PROJ NUMBER	ENG	PROJ MGR	CADD	COUNTY	MANICIPALITY
7/22/20-0710	7522-00-0710	ZJH	GCR	JS	WAYNE	DETROIT

CITY OF DETROIT
ART ALLEYS - PHASE 1
LEGEND

DRAWING PATH: P:\7501_7600752220010_Art Alleys\Drawings\Civil\Misc\220010\LEG_REDEF.dwg Mar 16, 2023 - 8:37am

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GENERAL NOTES

UTILITIES

MISS DIG/UNDERGROUND UTILITY NOTIFICATION
FOR THE PROTECTION OF UNDERGROUND UTILITIES AND IN CONFORMANCE WITH PUBLIC ACT 174 OF 2013, THE CONTRACTOR SHALL CONTACT MISS DIG SYSTEM, INC. BY PHONE AT 811 OR 800-482-7171 OR VIA THE WEB AT EITHER ELOCATE.MISSDIG.ORG FOR SINGLE ADDRESS OR RTE.MISSDIG.ORG, A MINIMUM OF 3 BUSINESS DAYS PRIOR TO EXCAVATING, EXCLUDING WEEKENDS AND HOLIDAYS.

THE EXISTING UTILITIES SHOWN ON THESE PLANS REPRESENT THE BEST INFORMATION AVAILABLE AS OBTAINED ON OUR SURVEYS. THIS INFORMATION DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO BE SATISFIED AS TO ITS ACCURACY AND THE LOCATION OF EXISTING UTILITIES.

BENCH MARK ELEVATIONS

BENCHMARK ELEVATIONS SHOWN ON THESE PLANS ARE BASED ON NAVD 1988.

PROPERTY CORNERS

ANY PROPERTY CORNERS WITHIN THE FRONT OR BACK SLOPE SHALL BE STAKED AND PROTECTED BY RIBBON. THE REPLACEMENT OF ANY PROPERTY CORNERS THAT ARE DAMAGED UNNECESSARILY BY THE CONTRACTOR'S OPERATIONS WILL BE THE FINANCIAL RESPONSIBILITY OF THE CONTRACTOR. RE-ESTABLISHMENT OF ALL PROPERTY CORNERS WILL BE PERFORMED BY A MICHIGAN LICENSED PROFESSIONAL SURVEYOR AT THE CONTRACTOR'S EXPENSE.

UTILITY NOTES

- UNLESS SPECIFICALLY NOTED FOR REMOVAL ON THE CONSTRUCTION PLANS, ALL SIDEWALK, PATHS, DRIVES AND ABOVE GROUND UTILITIES DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED, INCIDENTAL TO THE COST OF CONSTRUCTION, AT NO EXPENSE TO THE OWNER.
- EXISTING WATER MAINS, GAS MAINS AND UNDERGROUND TELEPHONE, ELECTRIC AND CABLE TELEVISION CONDUITS AND/OR LINES ARE SHOWN ONLY IN THE PLAN VIEW OF THE CONSTRUCTION DRAWINGS. THE EXACT DEPTH OF THESE UTILITIES IS NOT KNOWN AND THEREFORE, NO ATTEMPT HAS BEEN MADE TO SHOW SUCH UTILITIES IN THE PROFILE OF THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THESE UTILITIES WHICH ARE NOT WITHIN THE SPACE OCCUPIED BY COMPLETED PIPES OR STRUCTURES THAT ARE A PART OF THIS CONTRACT. DURING CONSTRUCTION, IF DAMAGED OR DESTROYED DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS TO REPAIR OR REPLACE THEM AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR SHALL PROTECT EXISTING STORM, WATER MAIN, COMBINED AND SANITARY SEWERS IN A MANNER ACCEPTABLE TO THE ENGINEER DURING THE PROPOSED CONSTRUCTION. ANY UTILITY, WHICH IS TO REMAIN IN SERVICE, THAT IS DAMAGED OR DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXPOSE EXISTING UTILITIES AT POINTS OF POSSIBLE CONFLICT SO THAT THESE CONFLICTS CAN BE RESOLVED.
- CONTRACTOR TO COORDINATE ALL EXISTING GAS MAIN AND SERVICE LEAD CONFLICTS WITH DTE GAS AT LEAST 3 WORKING DAYS PRIOR TO RELOCATION. PLEASE CONTACT BASIL DJASMATI (248) 825-4636 TO SCHEDULE RELOCATION.
- SEWER PIPE WITHIN A 1:1 INFLUENCE OF THE ROAD SHALL BE BACKFILLED WITH MDOT CLASS II SAND. SEWERS OUTSIDE OF THE ROAD INFLUENCE MAY BE BACKFILLED WITH CLEAN, JOB EXCAVATED MATERIAL.
- ALL STORM SEWER CONSTRUCTED FOR THIS PROJECT SHALL BE CLASS IV C76 REINFORCED CONCRETE UNLESS NOTED OTHERWISE ON THE PLANS.

TRASH SERVICES

DURING CONSTRUCTION, THE CONTRACTOR SHALL WORK TO MAINTAIN ACCESS TO TRASH PICKUP AREAS WHENEVER POSSIBLE. IF THIS IS NOT POSSIBLE DUE TO ACTIVE CONSTRUCTION, IMPASSIBLE GRADE, CONCRETE CURE OR OTHER CONSTRUCTION RELATED IMPACTS, THE CONTRACTOR SHALL ARRANGE FOR AN ALTERNATIVE PICKUP LOCATION AT NO ADDITIONAL COST TO THE OWNER.

WORK ON PRIVATE PROPERTY

AS PART OF THIS PROJECT, WORK WILL BE REQUIRED ON PRIVATELY OWNER PROPERTY. BEFORE ANY WORK IS COMMENCED ON PRIVATE PROPERTY, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN WRITTEN PERMISSION FROM THE PROPERTY OWNER WHICH WILL BE OBTAINED BY ACE. THE CONTRACTOR SHALL NOT CONTACT THE PROPERTY OWNER DIRECTLY UNLESS TOLD TO DO SO BY ACE. WHILE WORK IS UNDERWAY, THE CONTRACTOR SHALL ENSURE THAT ACCESS TO THE PROPERTY IS UNIMPEDED AND WORK PRODUCT IS LEFT IN A SAFE MANNER AT THE CONCLUSION OF THE WORK DAY. ONCE WORK IS COMPLETE, THE CONTRACTOR SHALL NOTIFY ACE.

SAWCUTS

THE CONTRACTOR SHALL SAWCUT FULL DEPTH THE EXISTING CONCRETE AND/OR HMA PAVEMENT AND DRIVEWAYS TO THE LIMITS OF PROPOSED CONSTRUCTION, TO MAKE A NEAT AND SMOOTH CONNECTION TO THE EXISTING PAVEMENT OR DRIVEWAY AS REQUIRED AND DIRECTED. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT UNIT PRICE BID FOR OTHER REMOVAL ITEMS.

OPEN EXCAVATIONS

THE PLACEMENT OF PROTECTIVE FENCING AROUND ALL OPEN EXCAVATIONS IS REQUIRED. THIS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT UNIT PRICE BID FOR MOBILIZATION.

REMOVING PAVEMENTS

THE CONTRACTOR SHALL CONDUCT PAVEMENT REMOVAL OPERATIONS SO THAT THE STREETS AND DRIVEWAYS ARE REMOVED IMMEDIATELY AHEAD OF THE GRADING OPERATIONS IN ORDER THAT THE STREETS AND DRIVEWAYS MAY BE OPENED TO RESIDENTIAL TRAFFIC IN A TIMELY FASHION.

THE PAYMENT FOR REMOVING PAVEMENT SHALL FOLLOW THE PRICE AND PAYMENT PROCEDURES SECTION OF THE PROJECT SPECIFICATIONS. THE QUANTITIES SHOWN FOR PAVEMENT REMOVAL ARE ESTIMATED AND THE EXACT MEASUREMENT AND PAYMENT WILL BE VERIFIED DURING CONSTRUCTION. REFER TO THE PAVEMENT CORES LOCATED IN THE PROPOSAL.

PAVEMENT MARKINGS

PAVEMENT MARKINGS SHALL BE WITNESSED AND REPLACED IN-KIND WHEN IMPACTED BY THE WORK. IN THE EVENT THAT PAVEMENT MARKINGS CANNOT BE PLACED DUE TO SEASONAL LIMITATIONS, TEMPORARY MARKINGS SHALL BE PLACED BY THE CONTRACTOR AND REPLACED WITH PERMANENT MARKINGS AT NO ADDITIONAL EXPENSE TO THE OWNER.

PIPE MATERIAL

UNLESS OTHERWISE NOTED, ALL STORM SEWER SHALL BE CLASS IV C76 REINFORCED CONCRETE.

MISCELLANEOUS

AUDIO-VISUAL SURVEY
AN AUDIO-VISUAL SURVEY OF THE PROJECT CONDITIONS IS REQUIRED PRIOR TO COMMENCING WORK WITHIN THE PROJECT AREA. A PLAN FOR SCHEDULING AUDIO VISUAL INSPECTIONS SHALL BE PROVIDED BY THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.

PROPERTY OWNERS
THE NAMES OF PROPERTY OWNERS SHOWN ON THE PLANS ARE FOR INFORMATION ONLY, AND THEIR ACCURACY IS NOT GUARANTEED.

ADJUSTING MONUMENT BOXES
ALL GOVERNMENT CORNERS ON THIS PROJECT SHALL BE PRESERVED, WHETHER SHOWN OR NOT. IT MAY BE NECESSARY TO PLACE OR ADJUST MONUMENT BOXES, AS REQUIRED.

SOIL BORINGS
THE SOIL BORING ON THE CONSTRUCTION SHEETS REPRESENT POINT INFORMATION. PRESENTATION OF THIS INFORMATION IN NO WAY INFERS THAT SUBSURFACE CONDITIONS ARE THE SAME AT LOCATIONS OTHER THAN THE EXACT LOCATION OF THE BORING.

UNDERGROUND CONFLICTS

THE CONTRACTOR SHALL EXPOSE EXISTING STORM SEWERS, SANITARY SEWERS, WATER MAIN AND PRIVATE UTILITIES TO VERIFY EXISTING ELEVATIONS BEFORE COMMENCING WORK ON A PROPOSED STORM SEWER OR WATER MAIN THAT IS TO CROSS OTHER UTILITIES. THIS WORK WILL NOT BE PAID AS EXPLORATORY EXCAVATION UNLESS PREVIOUSLY AUTHORIZED BY THE ENGINEER.

STREET SIGNS

THE CONTRACTOR SHALL SALVAGE AND RESET SIGNS WITHIN THE WORK ZONE. ALL SIGNS NOT REUSED IN THE PROJECT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.

UTILITY CROSSINGS AT DRIVEWAYS

ALL UTILITY CROSSINGS AT DRIVEWAYS SHALL BE BACKFILLED IMMEDIATELY FOLLOWING PIPE INSTALLATION TO MAKE THESE DRIVEWAYS ACCESSIBLE.

INCIDENTAL ITEMS

ANY ITEMS OF WORK INDICATED AS INCIDENTAL OR INCLUDED SHALL BE CONSIDERED AS PART OF THE PROJECT WORK AND SHALL BE COMPLETED AT NO ADDITIONAL EXPENSE TO THE OWNER. INCIDENTAL OR INCLUDED ITEMS SHALL INCLUDE LABOR, MATERIALS, AND EQUIPMENT THAT MAY NOT BE SPECIFICALLY LISTED IN THE BID FORM OR IN THE DRAWINGS OR SPECIFICATIONS, BUT WHICH ARE NECESSARY TO COMPLETE THE WORK.

SOILS AND EARTHWORK

- SOIL INVESTIGATIONS HAVE NOT BEEN PERFORMED FOR THIS PROJECT. PRESUMPTIVE LOAD-BEARING VALUES TO BE IN ACCORDANCE WITH MICHIGAN BUILDING CODE TABLE 1806.3, UNLESS NOTED OTHERWISE. FOUNDATION DESIGN IS BASED ON A NET ALLOWABLE BEARING CAPACITY OF 1500 PSF.
- CONTRACTOR SHALL VERIFY SOIL BEARING CAPACITY PRIOR TO CONSTRUCTION.
- SPECIAL DESIGN AND CONSTRUCTION PROVISIONS FOR THIS PROJECT'S FOUNDATIONS
 - NONE.
- INCLUDE IN THE WORK PROVIDING ALL EQUIPMENT, MATERIALS, AND QUALIFIED LABOR NECESSARY FOR EXCAVATION, SHORING, DEWATERING SYSTEMS, BACKFILL, AND COMPACTION OF SOILS, AS REQUIRED TO CONSTRUCT STRUCTURES TO THE LINE AND GRADE AS SHOWN ON THE PLANS.
- FOR PROTECTION OF UNDERGROUND UTILITIES, THE CONTRACTOR SHALL TELEPHONE (800)-482-7171 NOT LATER THAN THREE BUSINESS DAYS PRIOR TO EXCAVATING IN THE VICINITY OF UTILITY LINES. ALL "MISS DIG" PARTICIPATING MEMBERS WILL THUS BE ROUTINELY NOTIFIED. THIS DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF NOTIFYING OWNERS WHO MAY NOT BE PART OF THE "MISS DIG" ALERT SYSTEM.
- EXCAVATE TO ELEVATIONS AND DIMENSIONS SHOWN ON THE PLANS WITHIN A TOLERANCE OF ±0.10 FEET. EXCAVATE BY HAND TO FINAL GRADE FOR FOOTINGS. NOTIFY THE ENGINEER FOR AN INSPECTION WHEN THE EXCAVATION HAS REACHED SUB-GRADE ELEVATION. IF UNSUITABLE BEARING MATERIALS ARE ENCOUNTERED AT SUB-GRADE ELEVATION, EXCAVATE AND REPLACE SUCH MATERIAL AS DIRECTED BY ENGINEER.
- SATISFACTORY SOIL MATERIALS ARE DEFINED AS GRANULAR MATERIALS CLASSIFIED AS GW, GP, GM, SW, SP, SW-SM, SP-SM, OR SM BY THE UNIFIED SOILS CLASSIFICATION SYSTEM, ASTM D2487. LIMIT AMOUNT OF FINE MATERIAL PASSING NO.200 SIEVE TO LESS THAN 5% MAXIMUM.
- UNSATISFACTORY SOIL MATERIALS ARE SOILS CLASSIFIED AS GC, SW-SC, SP-SC, SC, ML, MH, CL, CH, OL, AND PT BY THE UNIFIED SOIL CLASSIFICATION SYSTEM, OR ANY ORGANIC MATERIAL. "MARL" IS AN UNSATISFACTORY SOIL MATERIAL. BACKFILL ALL STRUCTURAL WORK WITH SATISFACTORY SOIL MATERIALS AND ENGINEERED FILL AS SHOWN ON THE PLANS. DO NOT BACKFILL WITH FROZEN MATERIALS. DO NOT PLACE ROCKS LARGER THAN 3" DIAMETER IN BACKFILL. COMPACT SOILS BELOW FOOTINGS TO A MINIMUM OF 95% OF THE MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR, ASTM D1557.
- COMPACT BACKFILL IN LAYERS TO MINIMUM 95% MAXIMUM DENSITY AS DETERMINED BY MODIFIED PROCTOR, OR MICHIGAN CONE TEST.



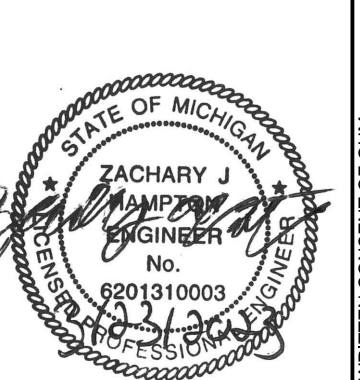
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DATE	PROJ NUMBER	ENG	PROJ MGR	CADD	COUNTY	MANICIPALITY
7/22/20-0710	722-20-0710	ZJH	GCR	JS	WAYNE	DETROIT

CITY OF DETROIT
ART ALLEYS - PHASE 1
GENERAL NOTES SHEET

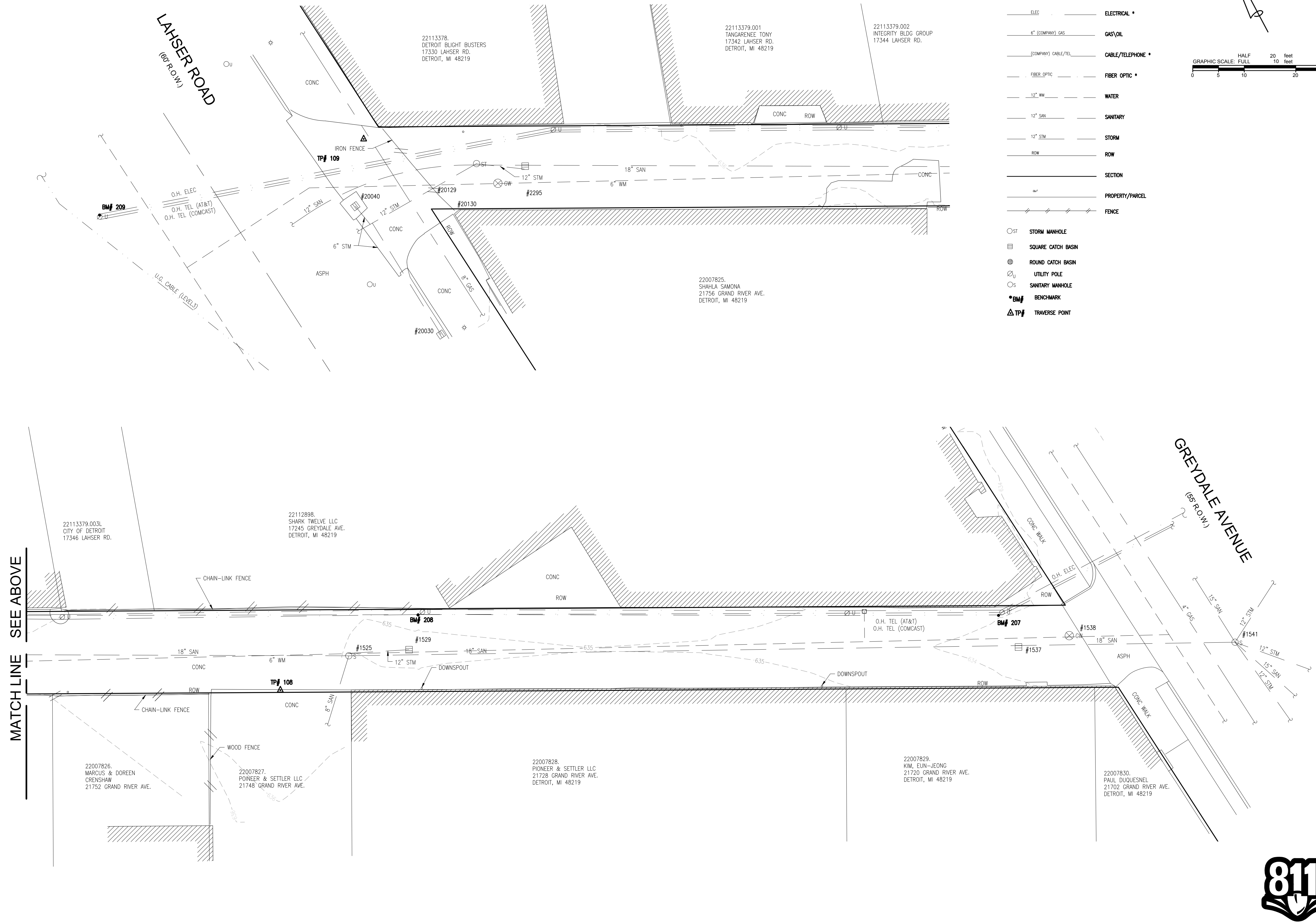
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C3

OLD REDFORD ARTS ALLEY

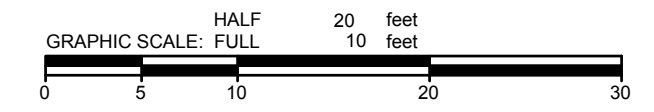
(16' R.O.W.)

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JOB BENCHMARK #209 DESCRIPTION: SET COTTON SPINDLE ON E/FACE OF U/POLE ON W SIDE OF LAHSER RD AT ALLEY INTERSECTION ELEV 636.05
TRAVERSE POINT #107 N 33590.45 E 13423160.35 ELEV 633.88
TRAVERSE POINT #108 N 336070.76 E 13422989.20 ELEV 635.32
TRAVERSE POINT #109 N 336158.16 E 13422830.89 ELEV 635.89



LEGEND

— ELEC —	ELECTRICAL *
— 6" (COMPANY) GAS —	GAS/OIL
— (COMPANY) CABLE/TEL —	CABLE/TELEPHONE *
— FIBER_OPTIC —	FIBER OPTIC *
— 12" WM —	WATER
— 12" SAN —	SANITARY
— 12" STM —	STORM
— ROW —	ROW
— SECTION —	SECTION
— PROPERTY/PARCEL —	PROPERTY/PARCEL
— FENCE —	FENCE
○ ST	STORM MANHOLE
■	SQUARE CATCH BASIN
⊕	ROUND CATCH BASIN
○ U	UTILITY POLE
○ S	SANITARY MANHOLE
● BM#	BENCHMARK
△ TP#	TRAVERSE POINT



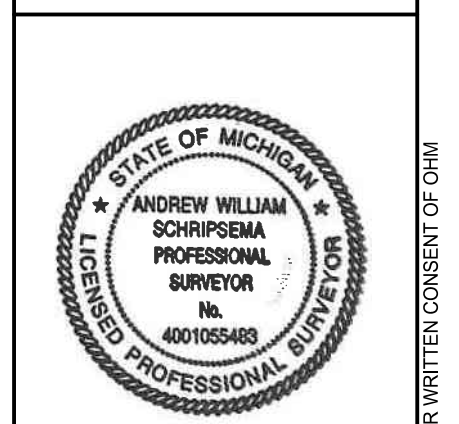
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#1538 GATE WELL T/CAST 633.67 TOP OF DEBRIS 630.00
#1525 STORM MANHOLE T/CAST 635.06 12" CONC INV E 630.93 8" CLAY INV SW 628.37 18" CONC INV E 622.16 18" CONC INV W 622.14
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#20030 SQ CATCH BASIN T/CAST 635.01 6" CONC INV N 632.31
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#20130 STORM MANHOLE T/CAST 635.55 TOP OF DEBRIS 631.57

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	7522-00-010	Z/JH	GCR	JS	WAYNE	DETROIT
CITY OF DETROIT ART ALLEYS - PHASE 1 EXISTING CONDITIONS / TOPOGRAPHIC SURVEY						



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OLD REDFORD ARTS ALLEY

(16' R.O.W.)

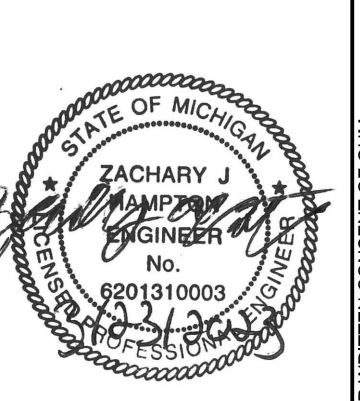
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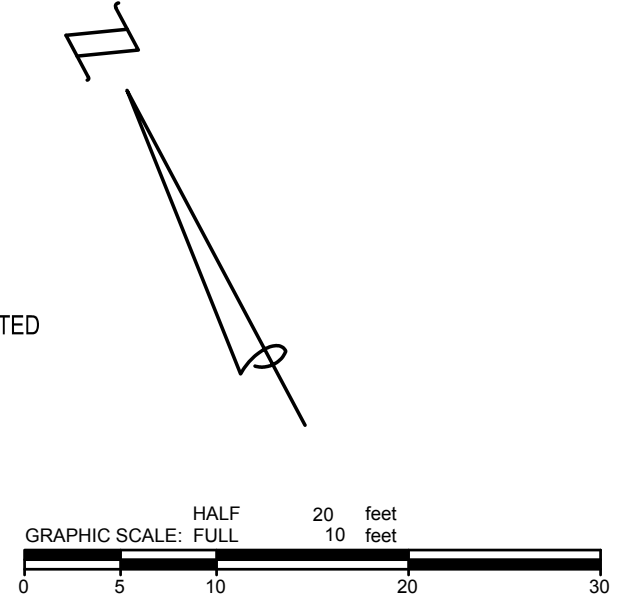


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LEGEND

-  ENTRY / EXIT
-  VACANT PARCELS WITH POTENTIAL ENTRY / EXIT. VEHICLES NOT PERMITTED
-  WORK ZONE
-  TEMPORARY SIGN
-  BARRICADE, TYPE III, HIGH INTENSITY, DOUBLE SIDED, LIGHTED



STAGING AND PROGRESS OF THE WORK

THE CONTRACTOR SHALL REVIEW ALL ASPECTS OF THE CONTRACT AND COORDINATE WORK SUCH THAT IMPACTS ARE LIMITED WHERE PRACTICABLE. THIS INCLUDES A METHODOICAL PROGRESSION OF THE WORK THAT LIMITS IMPACTS TO STREETS.

DURING CONSTRUCTION, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE ALLEY IS PROPERLY PROTECTED & SECURED. OPEN EXCAVATIONS SHALL BE BACKFILLED AND PROTECTED AT THE CONCLUSION OF THE WORK DAY.

STAGING AREAS

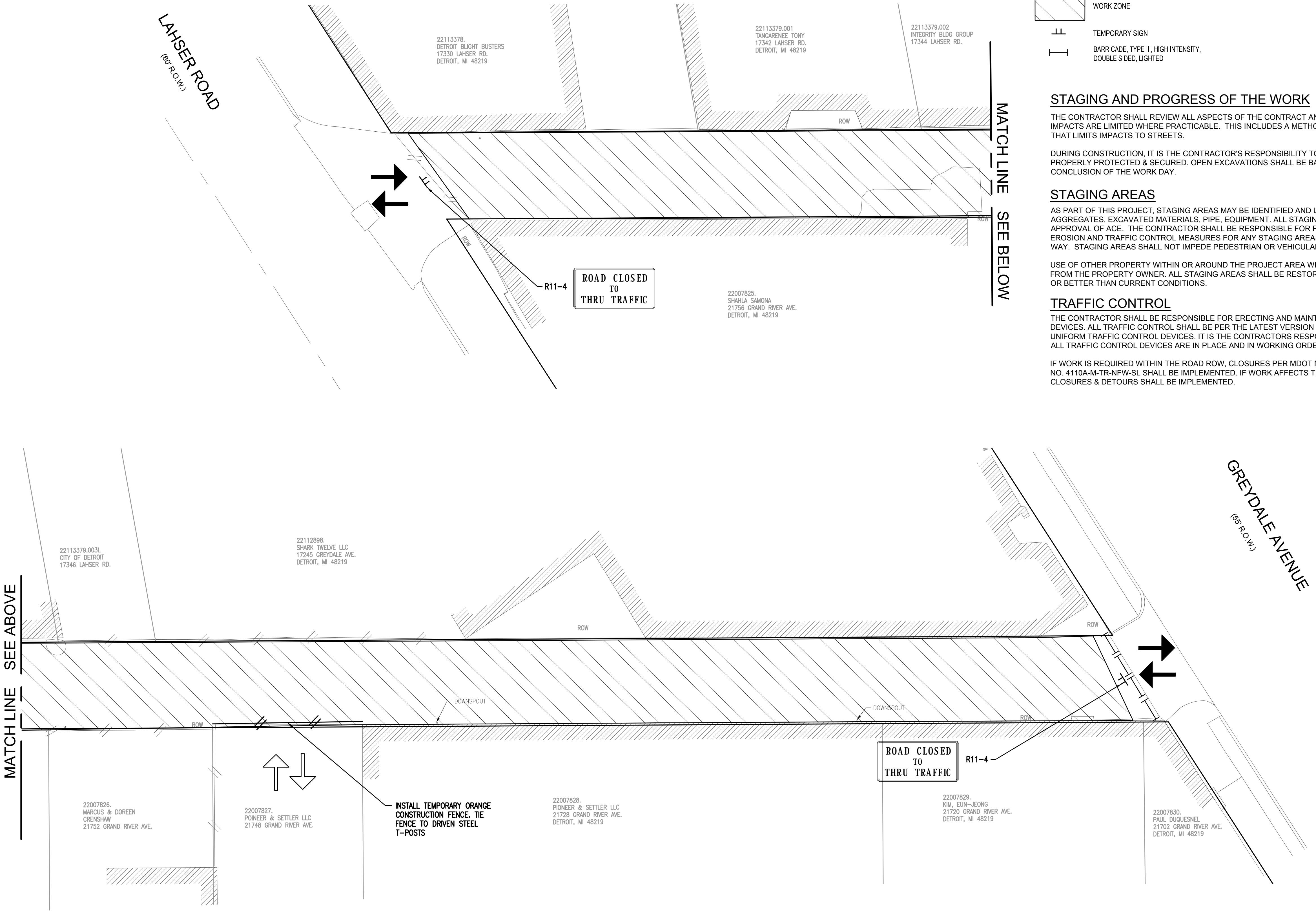
AS PART OF THIS PROJECT, STAGING AREAS MAY BE IDENTIFIED AND USED FOR THE STORAGE OF AGGREGATES, EXCAVATED MATERIALS, PIPE, EQUIPMENT. ALL STAGING AREAS SHALL BE PER THE APPROVAL OF ACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADDITIONAL SOIL EROSION AND TRAFFIC CONTROL MEASURES FOR ANY STAGING AREAS WITHIN THE PUBLIC RIGHT OF WAY. STAGING AREAS SHALL NOT IMPEDE PEDESTRIAN OR VEHICULAR TRAFFIC PATTERNS.

USE OF OTHER PROPERTY WITHIN OR AROUND THE PROJECT AREA WILL REQUIRE WRITTEN APPROVAL FROM THE PROPERTY OWNER. ALL STAGING AREAS SHALL BE RESTORED TO A CONDITION EQUIVALENT OR BETTER THAN CURRENT CONDITIONS.

TRAFFIC CONTROL

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ERECTING AND MAINTAINING ALL TRAFFIC CONTROL DEVICES. ALL TRAFFIC CONTROL SHALL BE PER THE LATEST VERSION OF THE MICHIGAN MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL TRAFFIC CONTROL DEVICES ARE IN PLACE AND IN WORKING ORDER.

IF WORK IS REQUIRED WITHIN THE ROAD ROW, CLOSURES PER MDOT MAINTAINING TRAFFIC TYPICAL NO. 4110A-M-TR-NFW-SL SHALL BE IMPLEMENTED. IF WORK AFFECTS THE SIDEWALK, FULL SIDEWALK CLOSURES & DETOURS SHALL BE IMPLEMENTED.



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REVISIONS

DATE	PROJ NUMBER	ENG	PROJ MGR	CADD	COUNTY	MUNICIPALITY
03/15/2023	7522-00-010	ZJH	GCR	JS	WAYNE	DETROIT

CITY OF DETROIT
ART ALLEYS - PHASE 1
ACCESS AND STAGING PLAN



Know what's below.
Call before you dig.

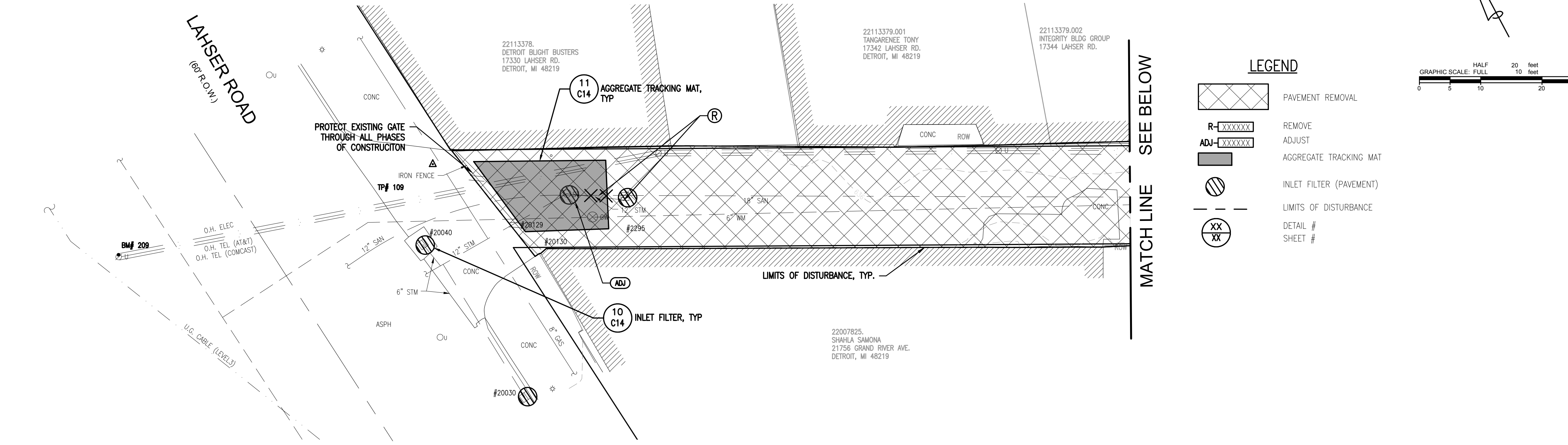
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TRAVERSE POINT #109 N 336158.16 E 13422830.89 ELEV 635.89

OLD REDFORD ARTS ALLEY

(16' R.O.W.)



LEGEND

- PAVEMENT REMOVAL
- REMOVE
- ADJUST
- AGGREGATE TRACKING MAT
- INLET FILTER (PAVEMENT)
- LIMITS OF DISTURBANCE
- DETAIL #
- SHEET #



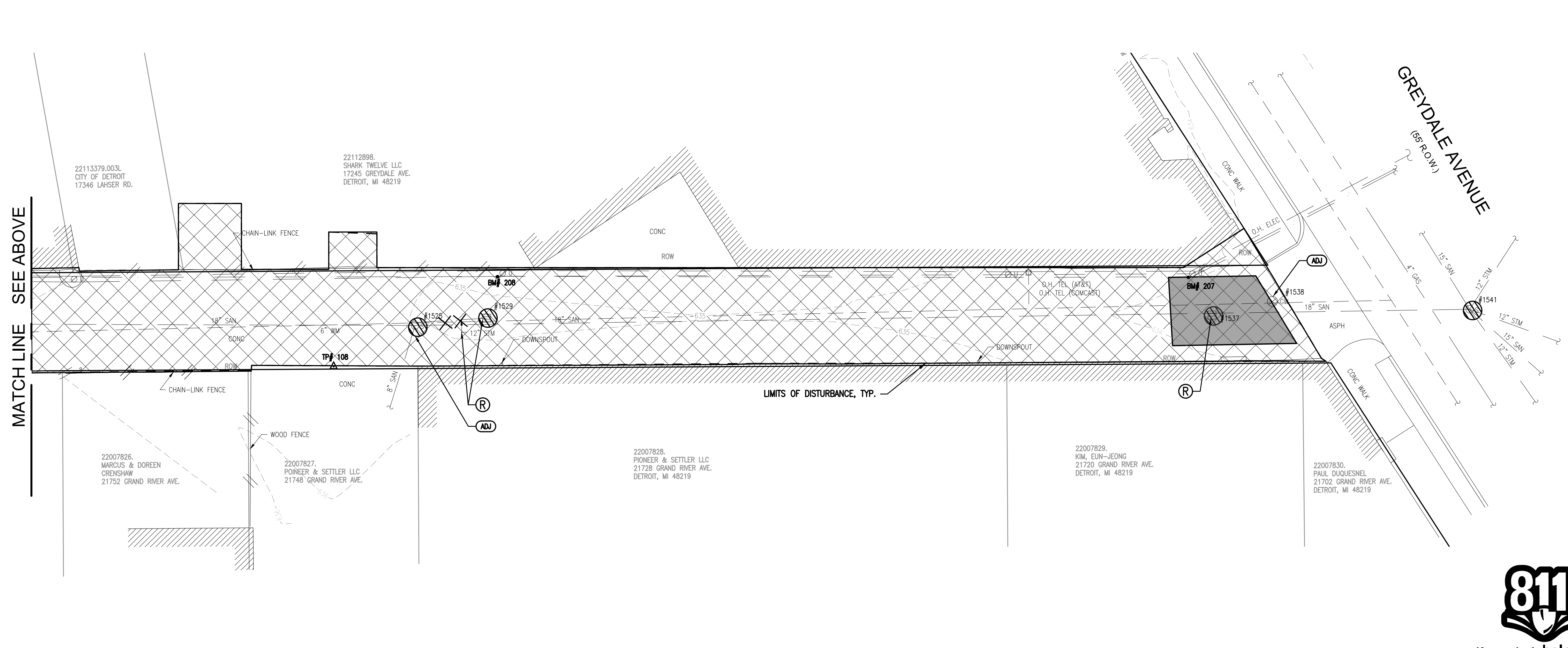
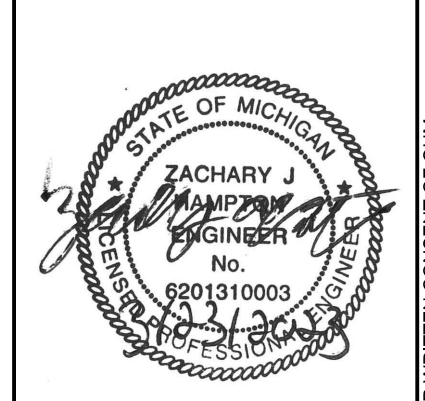
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#1538 GATE WELL T/CAST TOP OF DEBRIS 630.00
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REVISIONS

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	7522-00-010	Z/JH	GCR	JS	WAYNE	DETROIT
CITY OF DETROIT						
ART ALLEYS - PHASE 1						
DEMOLITION						



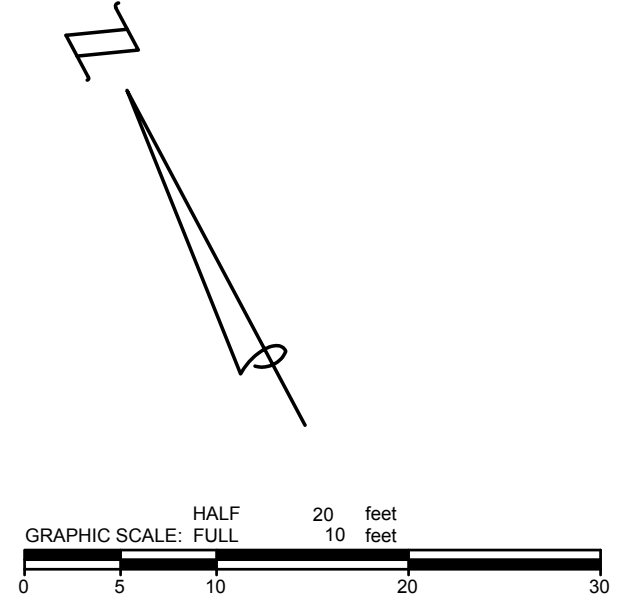
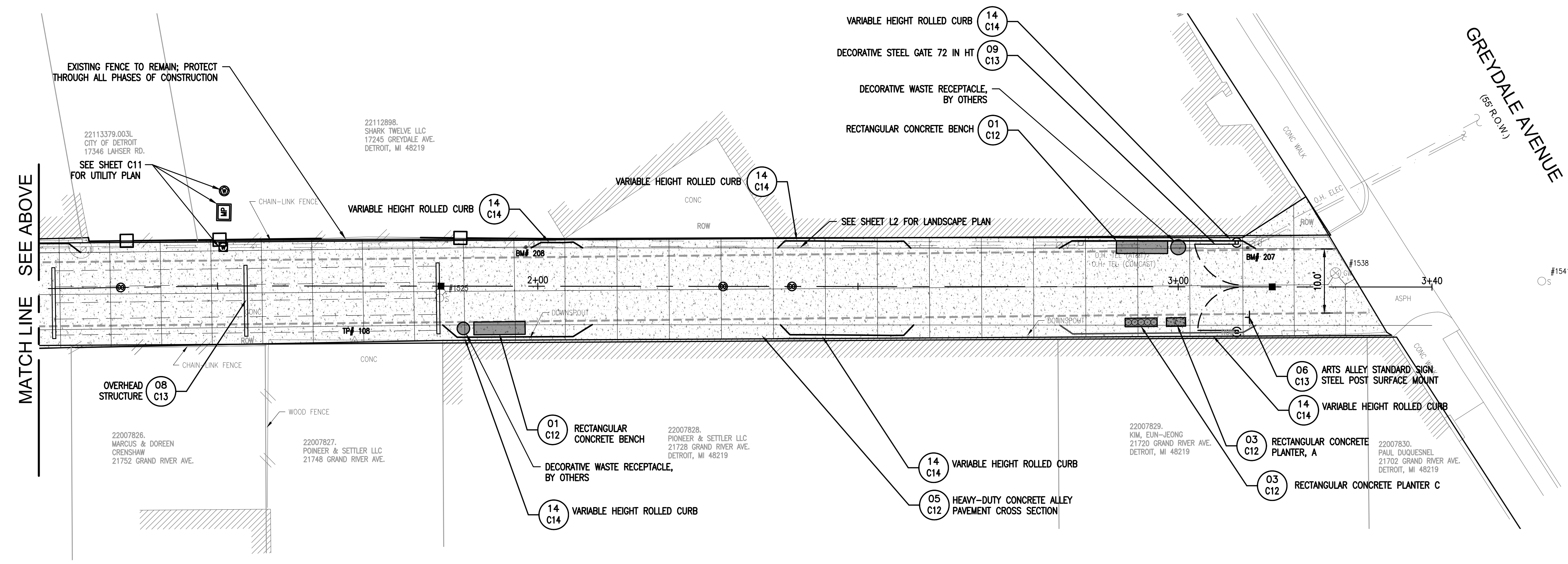
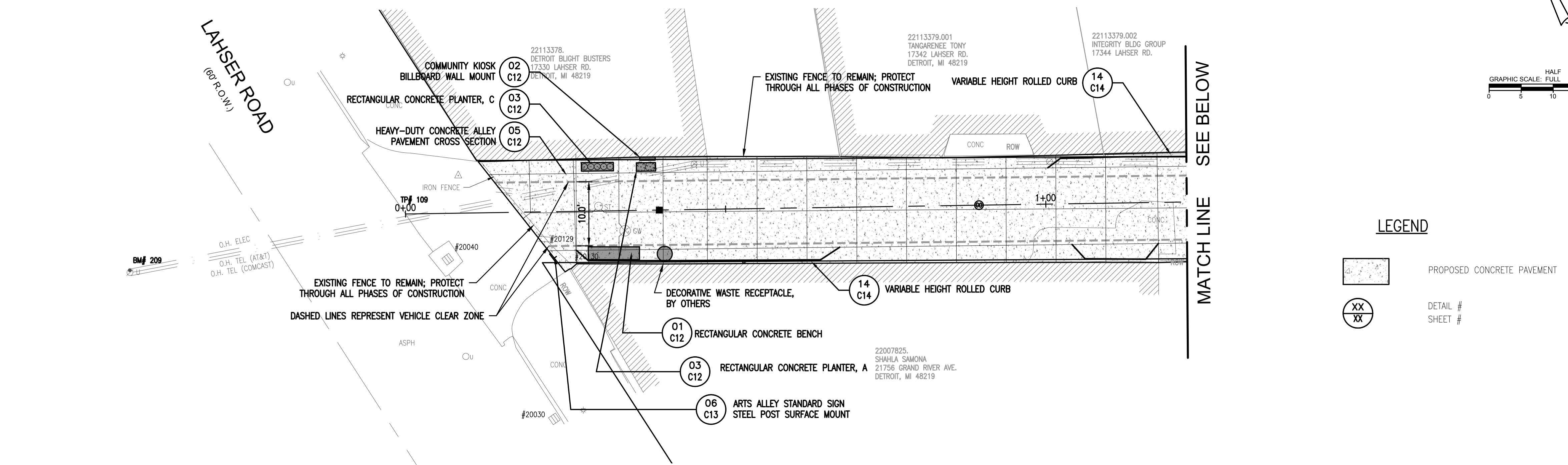
SHEET **C6**

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TRAVERSE POINT #109 N 336158.16 E 13422830.89 ELEV 635.89

OLD REDFORD ARTS ALLEY

(16' R.O.W.)



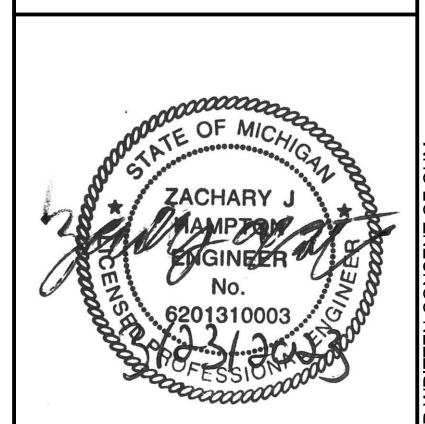
LEGEND

	PROPOSED CONCRETE PAVEMENT
	DETAIL #
	SHEET #

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NOTE:
CONTRACTOR TO REVIEW LOCATIONS FOR SITE FURNISHINGS WITH OWNER AND ENGINEER PRIOR TO FINAL INSTALLATION.
MODIFICATIONS TO LOCATIONS MAY BE MADE AT THE DISCRETION OF THE OWNER AT NO ADDITIONAL COST



DATE	PROJ NUMBER	ENG	PROJ INGR	CADD	COUNTY	MUNICIPALITY	REVISIONS
	7522-00-010	ZJH	GCR	WAYNE	DETROIT		

CITY OF DETROIT
ART ALLEYS - PHASE 1
SITE LAYOUT PLAN

SHEET **C7**

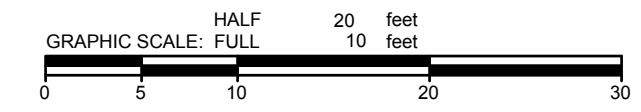
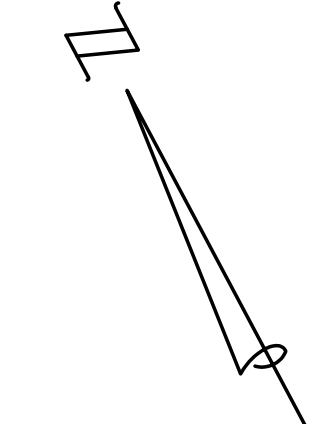
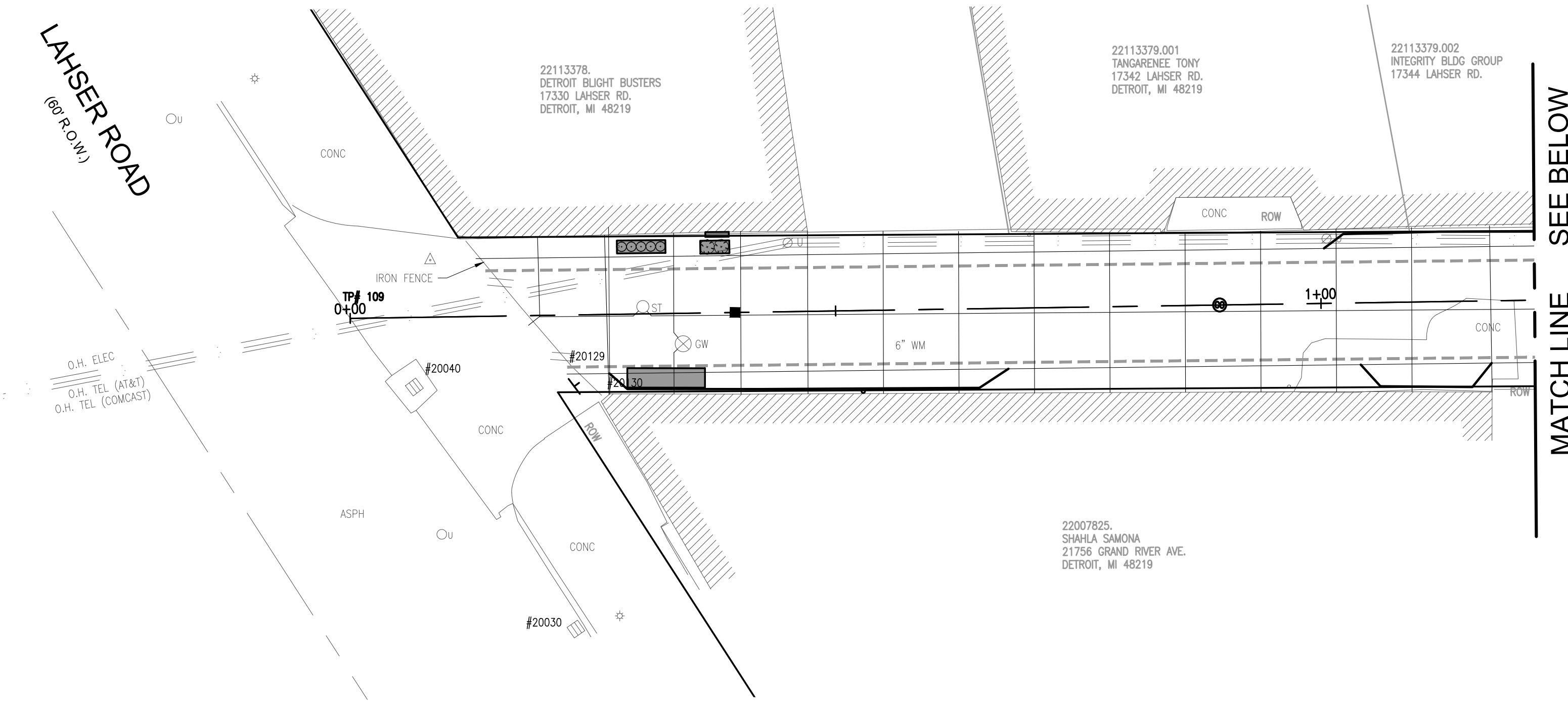
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OLD REDFORD ARTS ALLEY

(16' R.O.W.)

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TRAVERSE POINT #109 N 336158.16 E 13422830.89 ELEV 635.89

LAHSER ROAD
(60' R.O.W.)



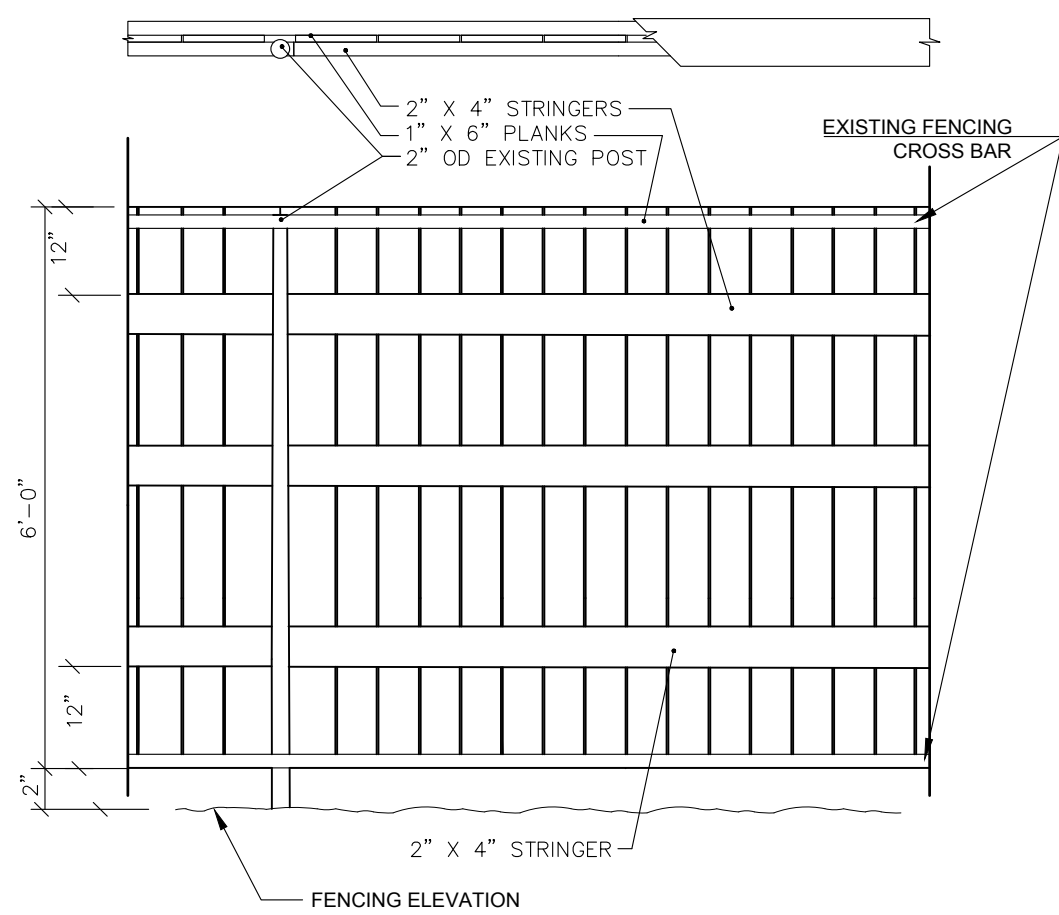
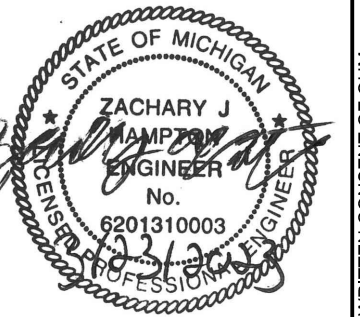
LEGEND

REMOVE & REPLACE WITH 6' WOODEN FENCE

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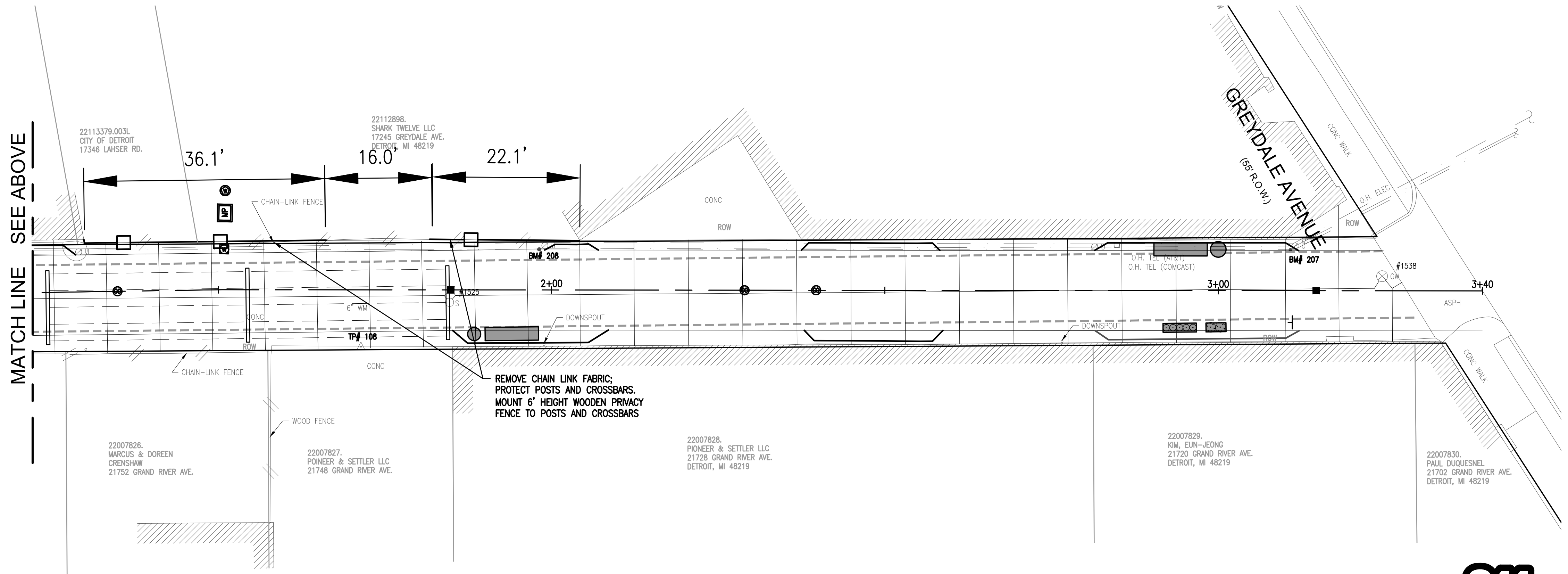
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NOTES:

- ALL NAILS AND HARDWARE TO BE HOT DIPPED GALVANIZED
- WOOD RAILS MAXIMUM DISTANCE FROM TOP AND BOTTOM 12"
- MINIMUM RAIL SIZE 2"x4" WITH 3 RAILS REQUIRED
- CONTRACTOR TO SUBMIT SHOP DRAWINGS PRIOR TO FINAL CONSTRUCTION ILLUSTRATING FULL FENCE ELEVATION AND METHOD OF ATTACHMENT FROM FENCE PANEL TO EXISTING FENCING POST AND CROSSBAR
- CONTRACTOR RESPONSIBLE FOR ADHERING TO ALL FENCING ORDINANCE REQUIREMENTS AND OBTAINING FENCING PERMIT

6FT WOODEN PRIVACY FENCE



REMOVE CHAIN LINK FABRIC;
PROTECT POSTS AND CROSSBARS.
MOUNT 6' HEIGHT WOODEN PRIVACY
FENCE TO POSTS AND CROSSBARS

BASE BID: NO MODIFICATIONS TO EXISTING FENCING

ALTERNATE #1: REMOVE 65FT OF CHAIN LINK FABRIC; MAINTAIN AND PROTECT EXISTING FENCING POSTS AND CROSS BARS. MOUNT 6' HEIGHT WOODEN PRIVACY FENCE TO EXISTING FENCE POSTS AND CROSS BARS



Know what's below.
Call before you dig.

REVISIONS

DATE	PROJ NUMBER	ENG	PROJ MGR	CADD	COUNTY	MUNICIPALITY
	7522-00-010	Z/JH	GCR	JS	WAYNE	DETROIT

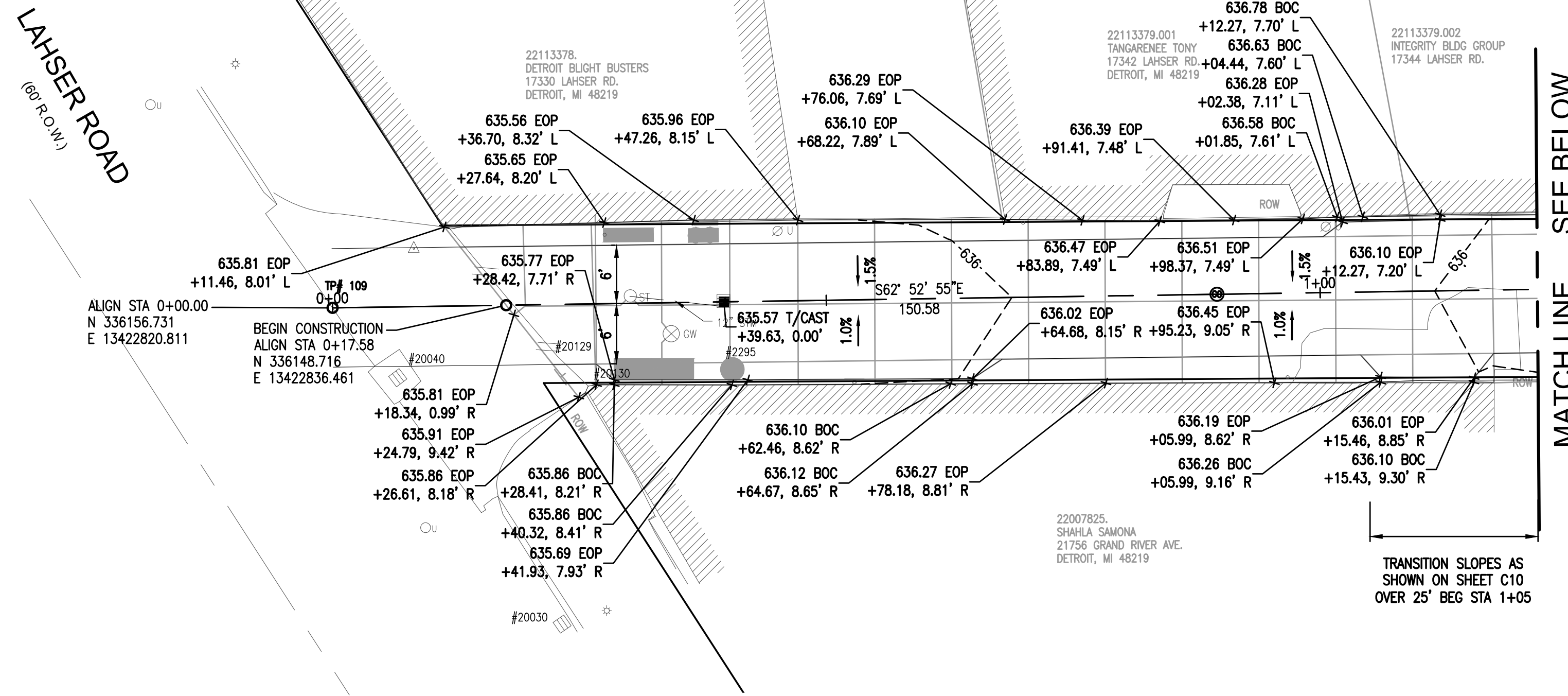
CITY OF DETROIT
ART ALLEYS - PHASE 1
SITE LAYOUT PLAN - FENCING

C8

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JOB BENCHMARK #209 DESCRIPTION: SET COTTON SPINDLE ON E/FACE OF U/POLE ON W SIDE OF LAHSER RD AT ALLEY INTERSECTION ELEV 636.05
TRAVERSE POINT #107 N 33590.45 E 13423160.35 ELEV 633.88
TRAVERSE POINT #108 N 336070.76 E 13422989.20 ELEV 635.32
TRAVERSE POINT #109 N 336158.16 E 13422830.89 ELEV 635.89

OLD REDFORD ARTS ALLEY

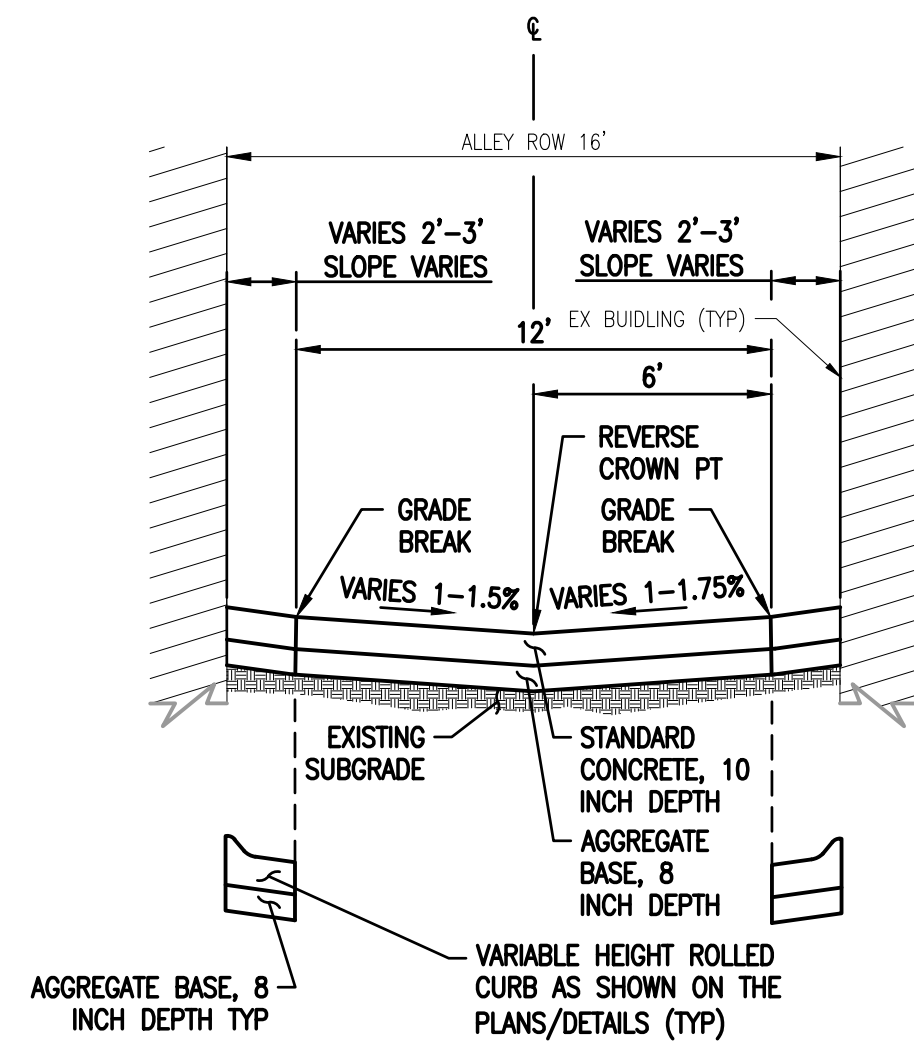
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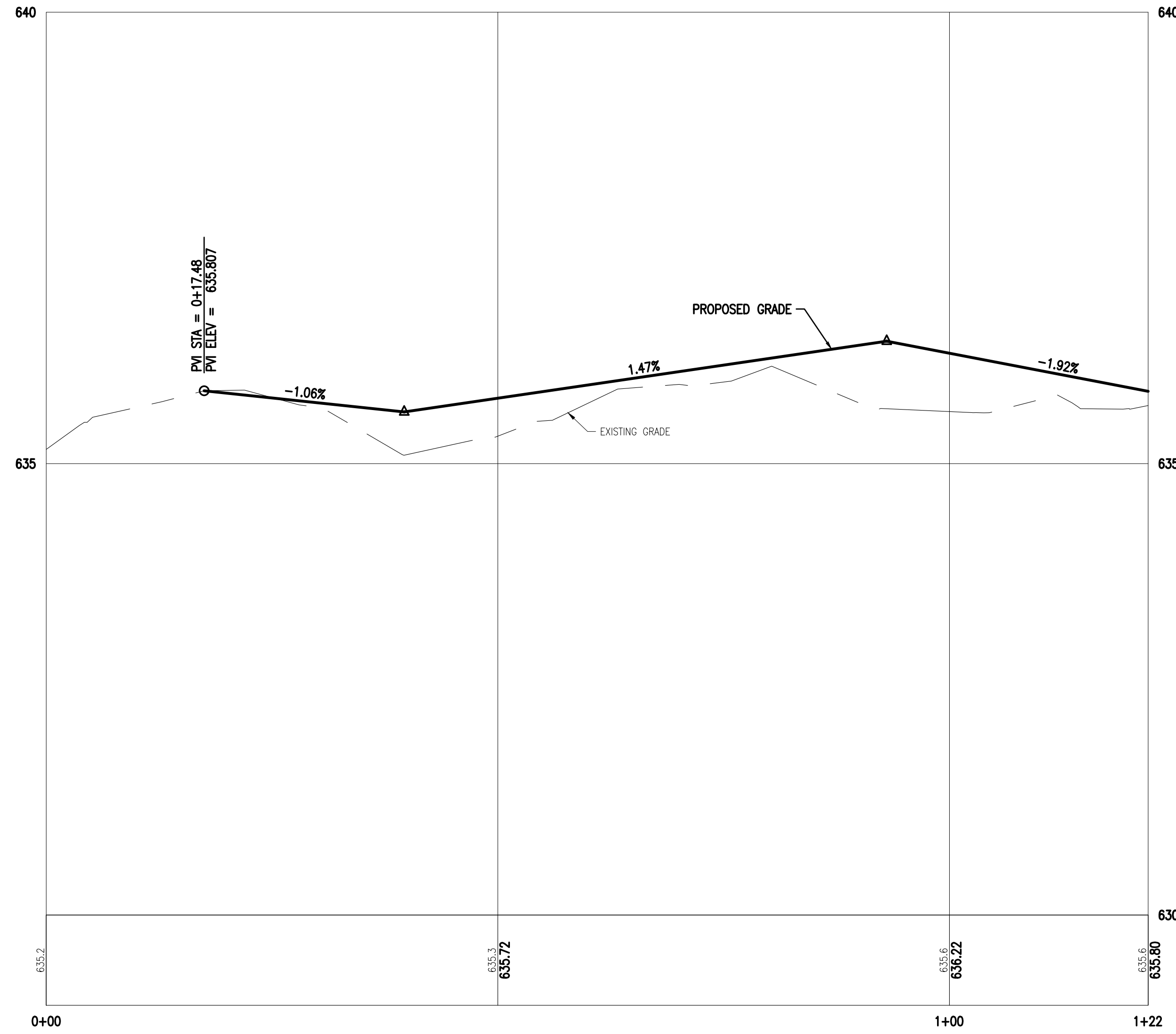
SEE BELOW
MATCH LINE

LEGEND

- EOP - EDGE OF PAVEMENT
- BOC - BACK OF CURB
- EX - EXISTING
- T/CAST - TOP OF CASTING
- PROPOSED CONCRETE PAVEMENT



PROPOSED TYPICAL CROSS SECTION - OLD REDFORD



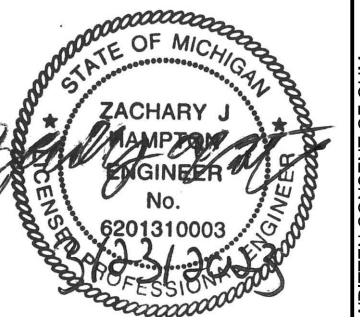

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CITY OF DETROIT
ART ALLEYS - PHASE 1
GRADING PLAN



Know what's below.
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OLD REDFORD ARTS ALLEY

(16' R.O.W.)

JOB BENCHMARK #207
DESCRIPTION: SET COTTON SPINDLE IN S/FACE OF U/POLE ON W/SIDE OF GREYDALE ST AT BEGINNING OF ALLEY ELEV 635.05

JOB BENCHMARK #208
DESCRIPTION: SET COTTON SPINDLE IN S/FACE OF U/POLE NEAR MID POINT OF ALLEY, +/-15FT NE OF CB#1529 ELEV 636.39

JOB BENCHMARK #209
DESCRIPTION: SET COTTON SPINDLE ON E/FACE OF U/POLE ON W SIDE OF LASHER RD AT ALLEY INTERSECTION ELEV 636.05

TRAVERSE POINT #107
N 335980.45 ELEV 633.88
E 13423160.35

TRAVERSE POINT #108
N 336070.76 ELEV 635.32
E 13422989.20

TRAVERSE POINT #109
N 336158.16 ELEV 635.89
E 13422830.89



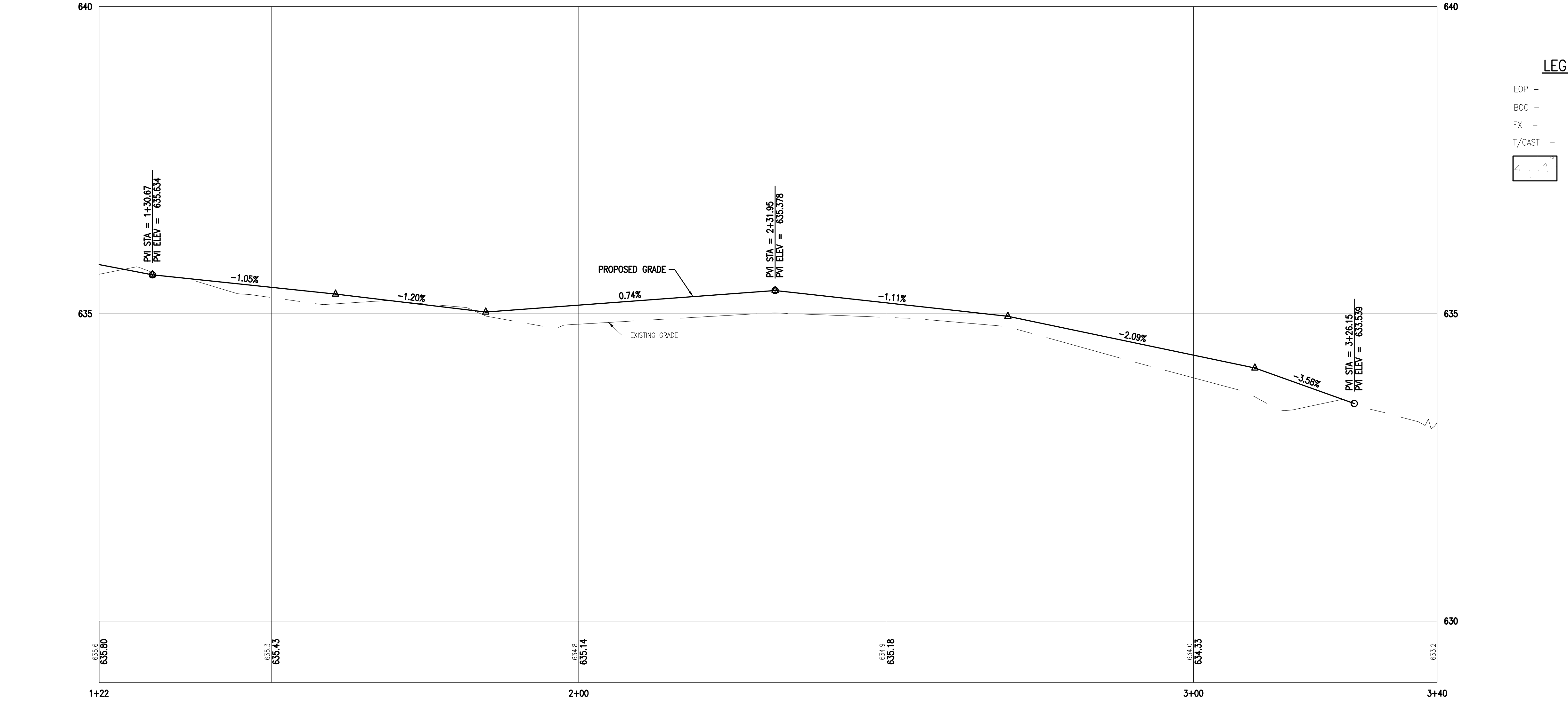
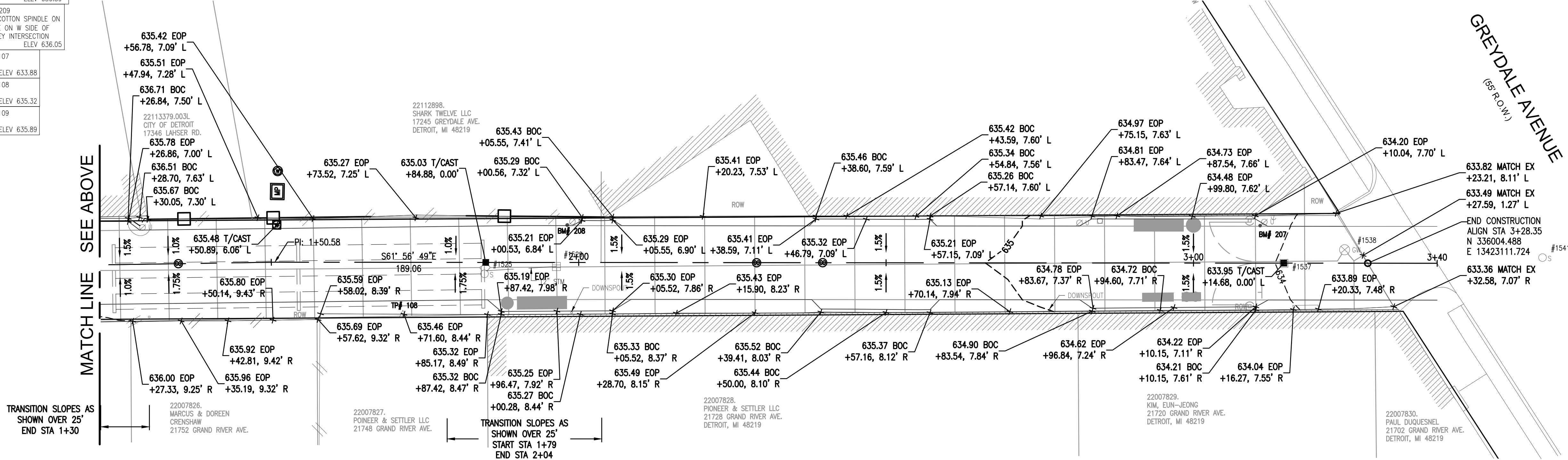
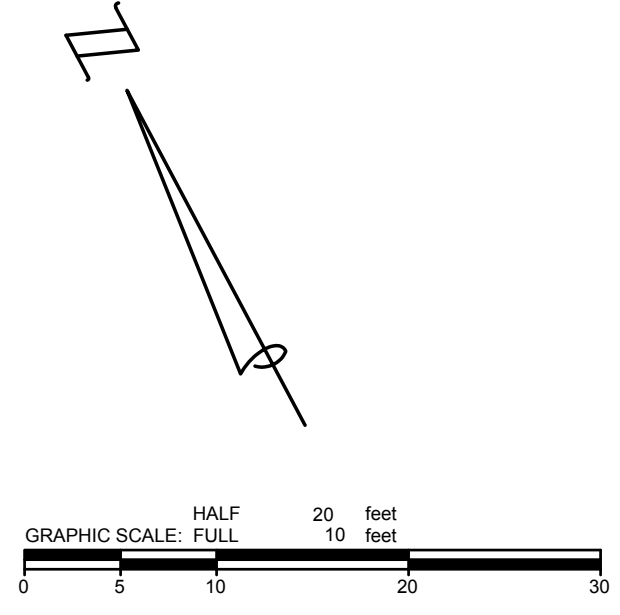
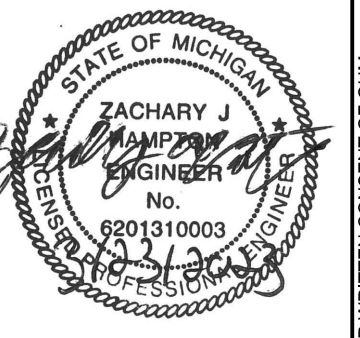
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LEGEND

- EOP - EDGE OF PAVEMENT
- BOC - BACK OF CURB
- EX - EXISTING
- T/CAST - TOP OF CASTING
-  PROPOSED CONCRETE PAVEMENT

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	7522-00-010	ZJH	GCR	JS	WAYNE	DETROIT

CITY OF DETROIT
ART ALLEYS - PHASE 1
GRADING PLAN



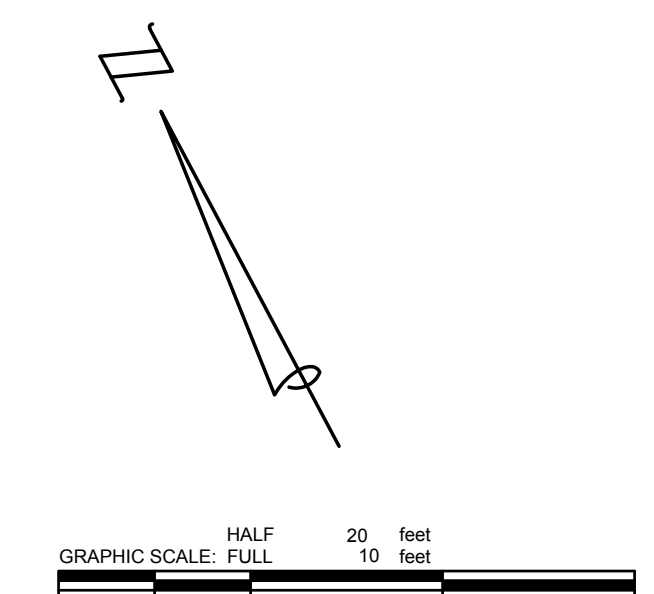
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OLD REDFORD ARTS ALLEY

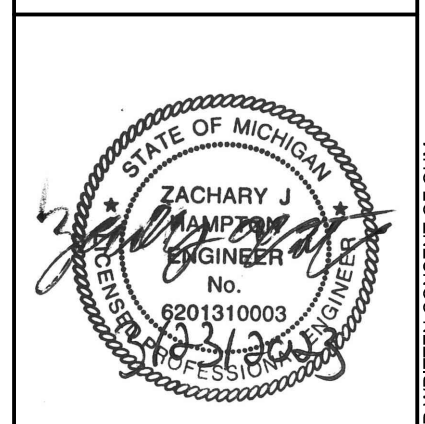
(16' R.O.W.)



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- JOB BENCHMARK #207
DESCRIPTION: SET COTTON SPINDLE IN S/FACE OF U/POLE ON W/SIDE OF GREYDALE ST AT BEGINNING OF ALLEY ELEV 635.05
- JOB BENCHMARK #208
DESCRIPTION: SET COTTON SPINDLE IN S/FACE OF U/POLE NEAR MID POINT OF ALLEY, +/-15FT NE OF CB#1529 ELEV 636.39
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E 13422989.20 ELEV 635.32
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N 336158.16 ELEV 635.89
E 13422830.89 ELEV 635.89

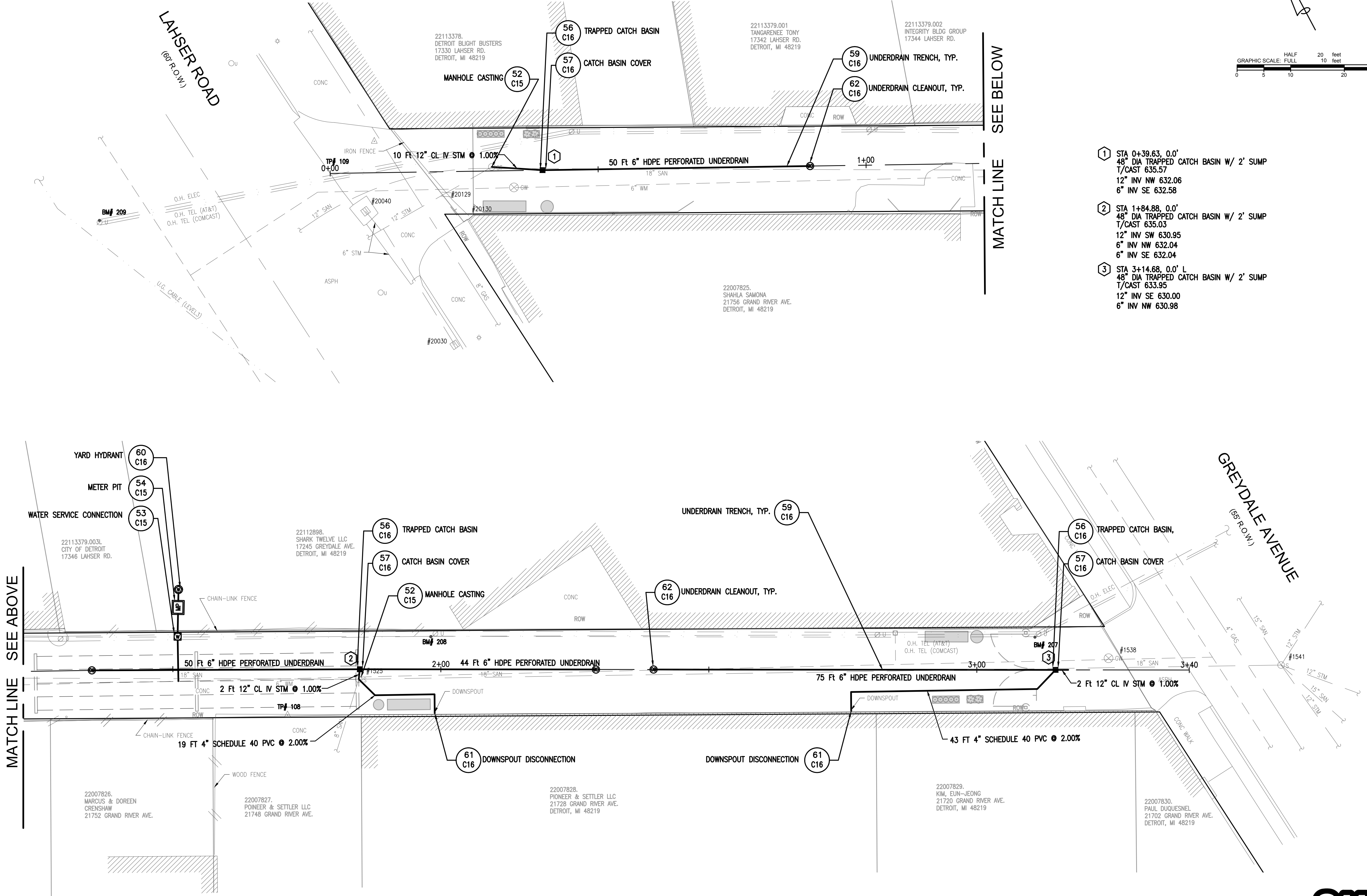
LEGEND

EXISTING

- ELECTRICAL *
- GAS/OIL
- CABLE/TELEPHONE
- FIBER OPTIC *
- WATER
- SANITARY
- STORM
- ROW
- SECTION
- FENCE
- STORM MANHOLE
- SQUARE CATCH BASIN
- ROUND CATCH BASIN
- UTILITY POLE
- SANITARY MANHOLE

PROPOSED

- STORM MANHOLE
- INLET/CATCH BASIN
- WATER SERVICE CONNECTION
- SANITARY MANHOLE
- YARD HYDRANT
- CLEAN OUT



- #1538 GATE WELL T/CAST 633.67
TOP OF DEBRIS 630.00
- #1525 STORM MANHOLE T/CAST 635.06
8" CLAY INV SW 628.37
18" CONC INV E 622.16
18" CONC INV W 622.14
12" CONC INV SE **631.930**
- #1529 SQ CATCH BASIN T/CAST 634.73
12" CONC INV W 630.13
TOP OF DEBRIS 629.73
- #1537 SQ CATCH BASIN T/CAST 633.42
TOP OF DEBRIS 628.89
- #1541 COMBINED MANHOLE T/CAST 633.70
18" CONC INV W 622.62
15" CONC INV N 622.63
12" CLAY INV NE 624.40
15" CONC INV E 623.47
12" CONC INV SE 625.81
12" CONC INV S 628.37
- #2295 SQ CATCH BASIN T/CAST 635.08
- #20030 SQ CATCH BASIN T/CAST 635.01
6" CONC INV N 632.31
- #20040 SQ CATCH BASIN T/CAST 635.12
6" CONC INV S 631.87
- #20129 COMBINE MANHOLE T/CAST 635.61
12" CONC INV W 629.07
12" CLAY INV NW 630.55
18" CLAY INV SE 621.26
6" DI THRU NE/SW 631.17
12" CONC INV SE **631.960**
- #20130 STORM MANHOLE T/CAST 635.55
TOP OF DEBRIS 631.57

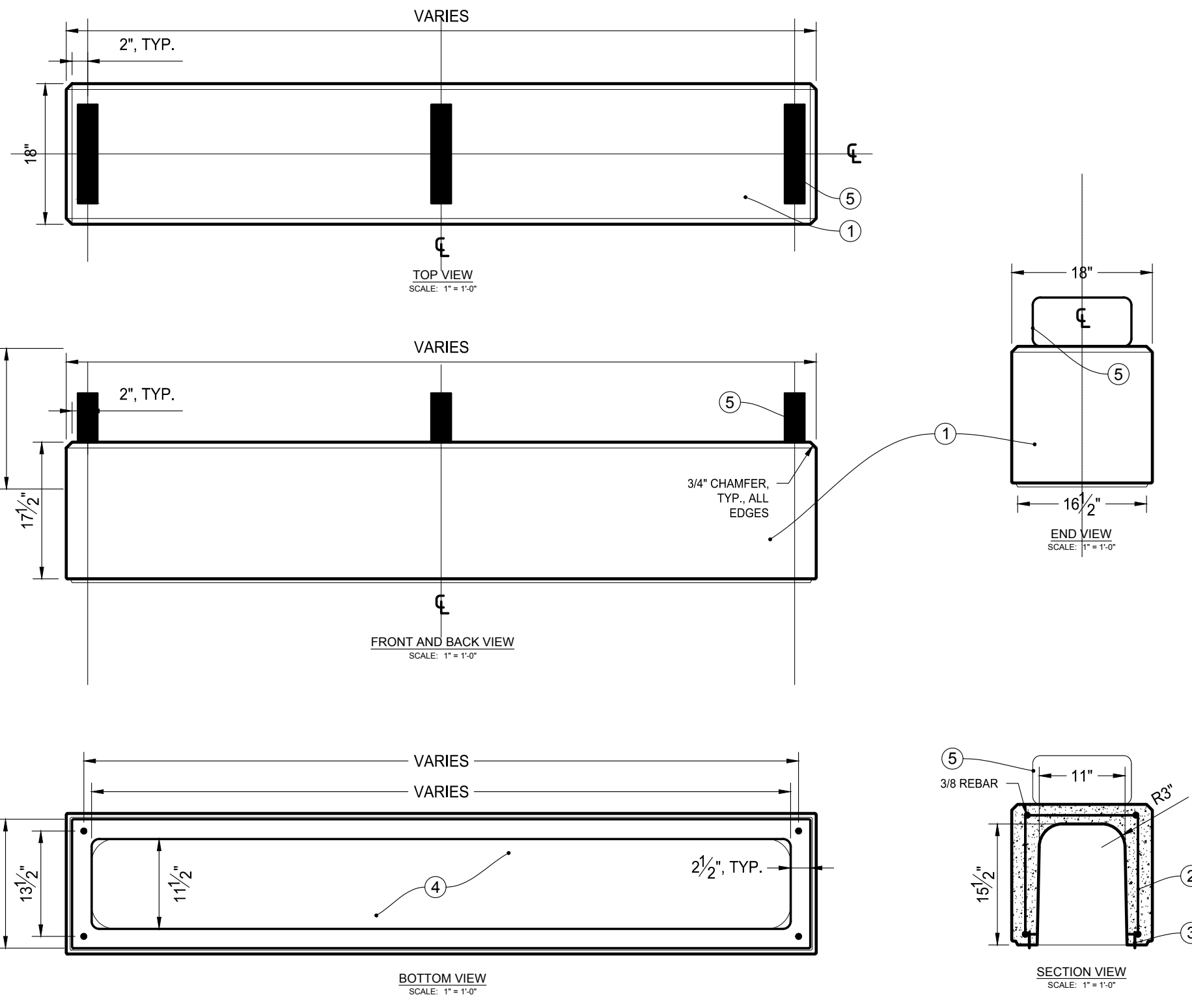
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CADD	JS
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ENG	ZJK
PRO NUMBER	7522-00-010
DATE	
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PRODUCT MODEL CHART

	PRODUCT NO.	LENGTH	WIDTH	HEIGHT	WEIGHT	ARM RESTS
BENCH A	TF-5076	96"	18"	18"	1,300 LBS	1 EACH END 1 CENTER
BENCH B	TF-5113	72"	18"	18"	950 LBS	1 EACH END 1 CENTER
BENCH C	TF-5117	48"	18"	18"	630 LBS	1 EACH END

- ① PREFABRICATED RECTANGULAR, PRE-CAST CONCRETE BENCH, ACID WASH FINISH
- ② STEEL REINFORCEMENT
- ③ 1/2" THREADED INSERT, (4) INCLUDED
- ④ HOLLOW INTERIOR/CORE
- ⑤ STEEL ARM REST, 12 5/8" L X 2 1/2" W X 6 1/4" H, TYP.

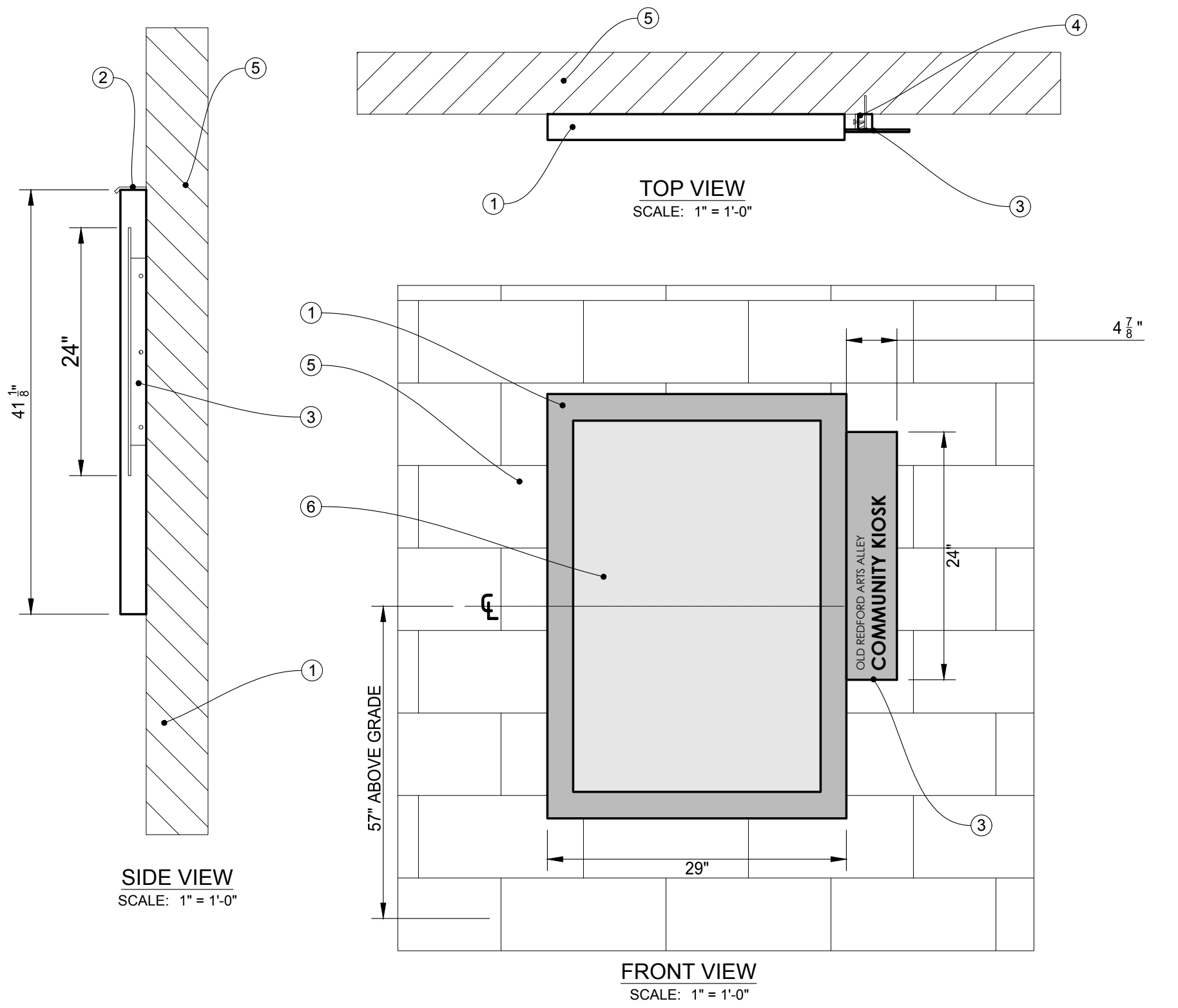
PRODUCT INFORMATION - STEEL ARM REST:
 MANUFACTURER: WAUSAU TILE SITE FURNISHINGS
 MODEL: ZB.AC.05
 COLOR: SILVER
 INSTALLATION: SURFACE MOUNT W/ SPECIFIED HARDWARE

PRODUCT INFORMATION - BENCHES:
 MANUFACTURER: WAUSAU TILE SITE FURNISHINGS
 MODEL: TF5076, TF5113, TF5117 - RECTANGULAR CONCRETE BENCH (SEE MODEL CHART FOR DETAILS)
 COLOR: TBD AT TIME OF ORDER
 FINISH: ACID WASH
 INSTALLATION: SURFACE MOUNT
 SIZE: SEE MODEL CHART FOR SPECIFIC SIZE
 WEIGHT: SEE MODEL CHART FOR SPECIFIC WEIGHT
 TEL: 800 388-8728
 WWW.WAUSAUTILE.COM

- NOTES:**
- PRODUCT IS SHIPPED FULLY ASSEMBLED. WEIGHT VARIES, SEE MODEL CHART FOR INFORMATION.
 - BENCH SHALL BE SURFACE MOUNTED.
 - ARM REST SHALL BE ATTACHED PER MANUFACTURER'S INSTRUCTIONS WITH RECOMMENDED HARDWARE. PLACEMENT AS SHOWN IN DETAILS. 48" L BENCH DOES NOT RECEIVE CENTER ARM REST.
 - BENCH SIZE, COLOR, AND DIMENSIONS VARY. SEE CONSTRUCTION PLANS FOR SPECIFIC SIZING, COLOR, AND QUANTITIES.
 - CONTRACTOR SHALL SUBMIT MANUFACTURER PRODUCT DATA SHEET, DETAILS, AND SPECIFICATIONS FOR BENCHES AND ARM REST FOR REVIEW AND APPROVAL PRIOR TO PURCHASE

- NOTES:**
- CONTRACTOR SHALL SURFACE MOUNT DISPLAY CASE TO EXTERIOR BUILDING WALL PER MANUFACTURER'S SPECIFICATIONS AND WITH MOUNTING HARDWARE PROVIDED BY MANUFACTURER.
 - DISPLAY CASE SURFACE MOUNTING LOCATION SHALL BE AS INDICATED ON PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE. MID-POINT (VERTICALLY) OF DISPLAY CASE SHALL BE 57" ABOVE GRADE.
 - ALLEY KIOSK SIGN WALL MOUNTED ADJACENT TO DISPLAY CASE IS NOT INCLUDED IN PURCHASE OF SCBB-WPLUS-2436 DISPLAY CASE. SEE ALLEY KIOSK SIGN DETAIL FOR MORE INFORMATION.
 - CONTRACTOR SHALL SUBMIT DISPLAY CASE MANUFACTURER PRODUCT DATA SHEET, DETAILS, AND SPECIFICATIONS FOR REVIEW AND APPROVAL PRIOR TO PURCHASE.
 - CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALLEY KIOSK SIGN AND WALL MOUNTING (ADJACENT TO DISPLAY CASE) FOR REVIEW AND APPROVAL PRIOR TO FABRICATION AND INSTALLATION
 - CONTRACTOR RESPONSIBLE FOR CONFIRMING PERMISSION FROM PRIVATE PROPERTY OWNER PRIOR TO FINAL INSTALLATION

- PRODUCT INFORMATION:**
 MANUFACTURER: DISPLAYS 4 SALE
 MODEL: SCBB-WPLUS-2436, EXTREME WEATHER PLUS OUTDOOR ENCLOSED BULLETIN BOARD, SINGLE LOCKING DOOR SWING CASE
 ORIENTATION: PORTRAIT
 COLOR, METAL FRAME: SATIN BLACK
 COLOR, BULLETIN BOARD: TANGERINE FORBO BOARD
 DOOR WINDOW: BREAK RESISTANT ACRYLIC, 1/8" THICK
 INSTALLATION: WALL MOUNTED
 TEL: 800-289-1539
 WWW.DISPLAYS4SALE.COM
- ① WALL MOUNTED DISPLAY CASE, MODEL SCBB-WPLUS-2436
 - ② DRIP EDGE
 - ③ ALLEY KIOSK SIGN, WALL MOUNTED ADJACENT TO DISPLAY CASE. SEE ALLEY KIOSK SIGN DETAIL FOR MORE INFORMATION
 - ④ WOOD BLOCKING AND MASONRY ANCHORS BEHIND COMMUNITY KIOSK SIGN
 - ⑤ MASONRY WALL
 - ⑥ BREAK RESISTANT ACRYLIC WINDOW

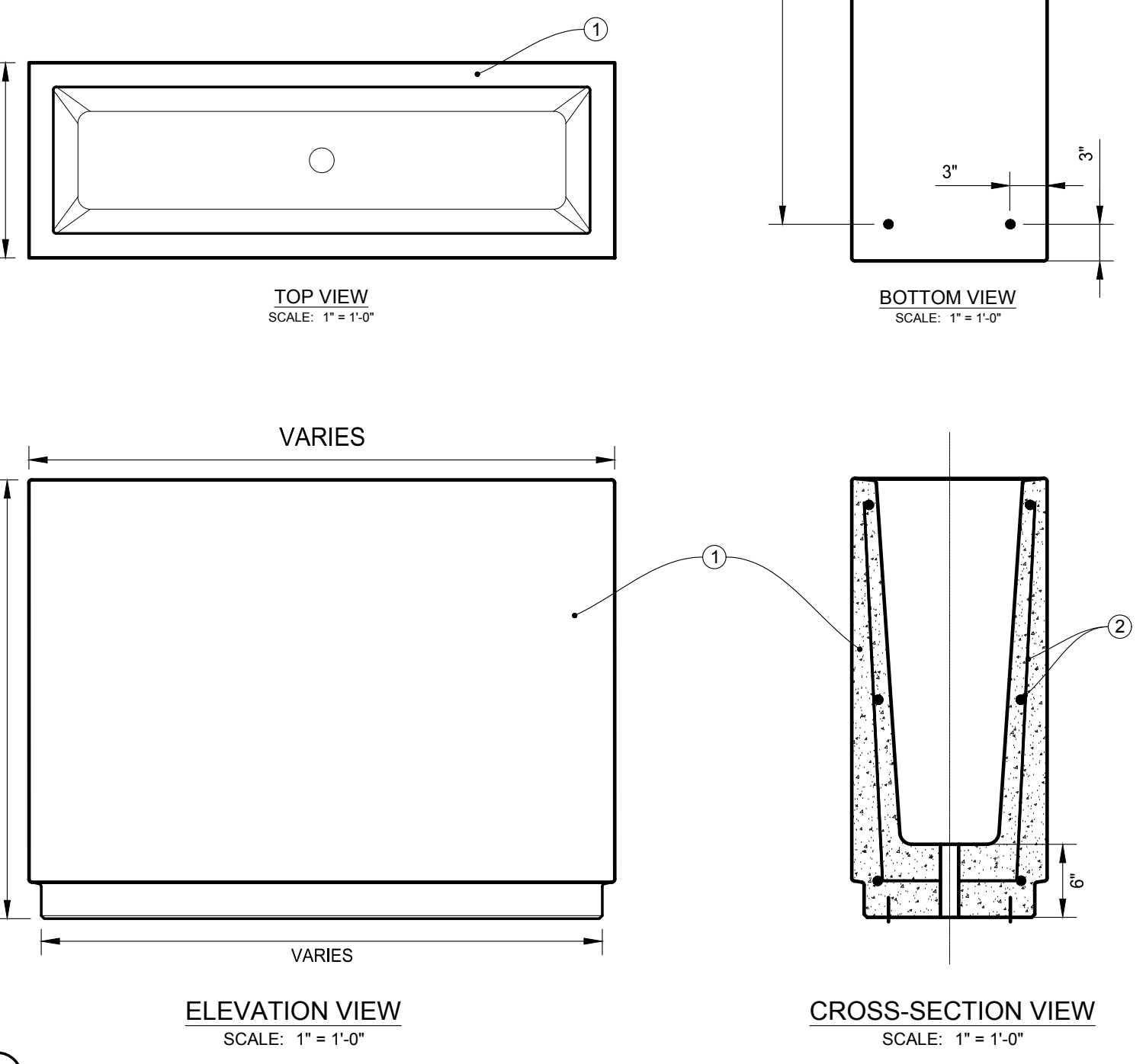


RECTANGULAR CONCRETE BENCH
NOT TO SCALE

COMMUNITY KIOSK BILLBOARD WALL MOUNT
NOT TO SCALE

PRODUCT MODEL CHART

	PRODUCT NO.	LENGTH	WIDTH	HEIGHT	WEIGHT
PLANTER A	TF-4355	36"	16"	36"	1,035 LBS
PLANTER B	TF-4356	48"	16"	36"	1,200 LBS
PLANTER C	TF-4357	60"	16"	36"	1,630 LBS



PRODUCT INFORMATION:
 MANUFACTURER: WAUSAU TILE SITE FURNISHINGS
 MODEL: TF4355, TF4356, TF4357 - RECTANGULAR CONCRETE PLANTER (SEE MODEL CHART FOR DETAILS)
 COLOR: TBD AT TIME OF ORDER
 FINISH: ACID WASH
 INSTALLATION: SURFACE MOUNT
 SIZE: SEE MODEL CHART FOR SPECIFIC SIZE
 WEIGHT: SEE MODEL CHART FOR SPECIFIC WEIGHT
 TEL: 800 388-8728
 WWW.WAUSAUTILE.COM

- ① PREFABRICATED RECTANGULAR CONCRETE PLANTER, ACID WASH FINISH
- ② STEEL REINFORCEMENT
- ③ 1/2" THREADED INSERT, (4) INCLUDED
- ④ 2" DRAIN HOLE

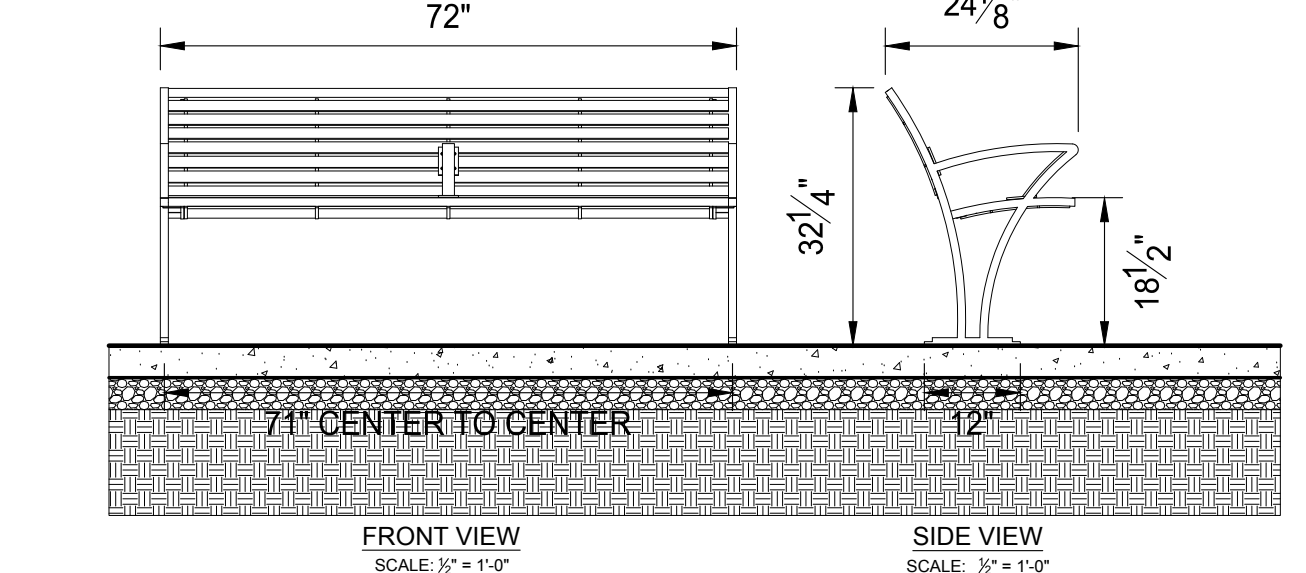
- NOTES:**
- PRODUCT IS SHIPPED FULLY ASSEMBLED. WEIGHT VARIES, SEE MODEL CHART FOR INFORMATION.
 - PLANTER SHALL BE SURFACE MOUNTED.
 - PLANTER SIZE, COLOR, AND DIMENSIONS VARY. SEE CONSTRUCTION PLANS FOR SPECIFIC SIZING, COLOR, AND QUANTITIES.
 - CONTRACTOR SHALL SUBMIT MANUFACTURER PRODUCT DATA SHEET, DETAILS, AND SPECIFICATIONS FOR REVIEW AND APPROVAL PRIOR TO PURCHASE

RECTANGULAR CONCRETE PLANTER
NOT TO SCALE

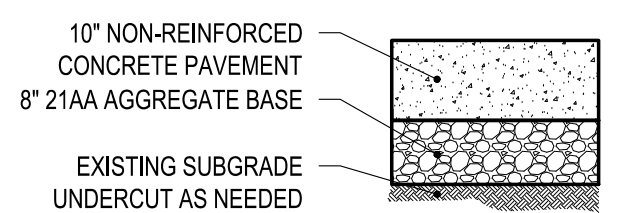
- NOTES:**
- PRODUCT SHIPPED PARTIALLY UNASSEMBLED
 - BENCH SHALL BE SURFACE MOUNTED WITH 3/8" STAINLESS STEEL, CONCRETE ANCHORING HARDWARE PER MANUFACTURER RECOMMENDATIONS. ANCHORING HARDWARE NOT SUPPLIED BY MANUFACTURER
 - CONTRACTOR SHALL SUBMIT MANUFACTURER PRODUCT DATA SHEET, DETAILS, AND SPECIFICATIONS FOR REVIEW AND APPROVAL PRIOR TO PURCHASE

PRODUCT INFORMATION:
 MANUFACTURER: VICTOR STANLEY
 MODEL: FRE-20-F (FREESIA BENCH), WITH END ARMS AND BOLT-ON CENTER ARM REST
 SIZE: 6-FOOT LENGTH
 COLOR: STANDARD RAL COLOR TBD BY OWNER AT TIME OF ORDERING
 FINISH: T.G.I.C. POLYESTER POWDERCOAT
 INSTALLATION: SURFACE MOUNT ON CONCRETE
 TEL: 1 800 368 2573
 WWW.VICTORSTANLEY.COM

- ① STEEL BENCH, POWDERCOAT FINISH
- ② CONCRETE SLAB (FINISHED GRADE), SEE SIDEWALK DETAIL
- ③ 1" SQUARE SOLID STEEL LEGS
- ④ 1/4" X 1-1/2" SOLID STEEL SLATS
- ⑤ CLEARANCE FOR 3/8" ANCHOR BOLTS
- ⑥ BOLT-ON CENTER ARM REST



DECORATIVE BENCH 72 IN STEEL
NOT TO SCALE



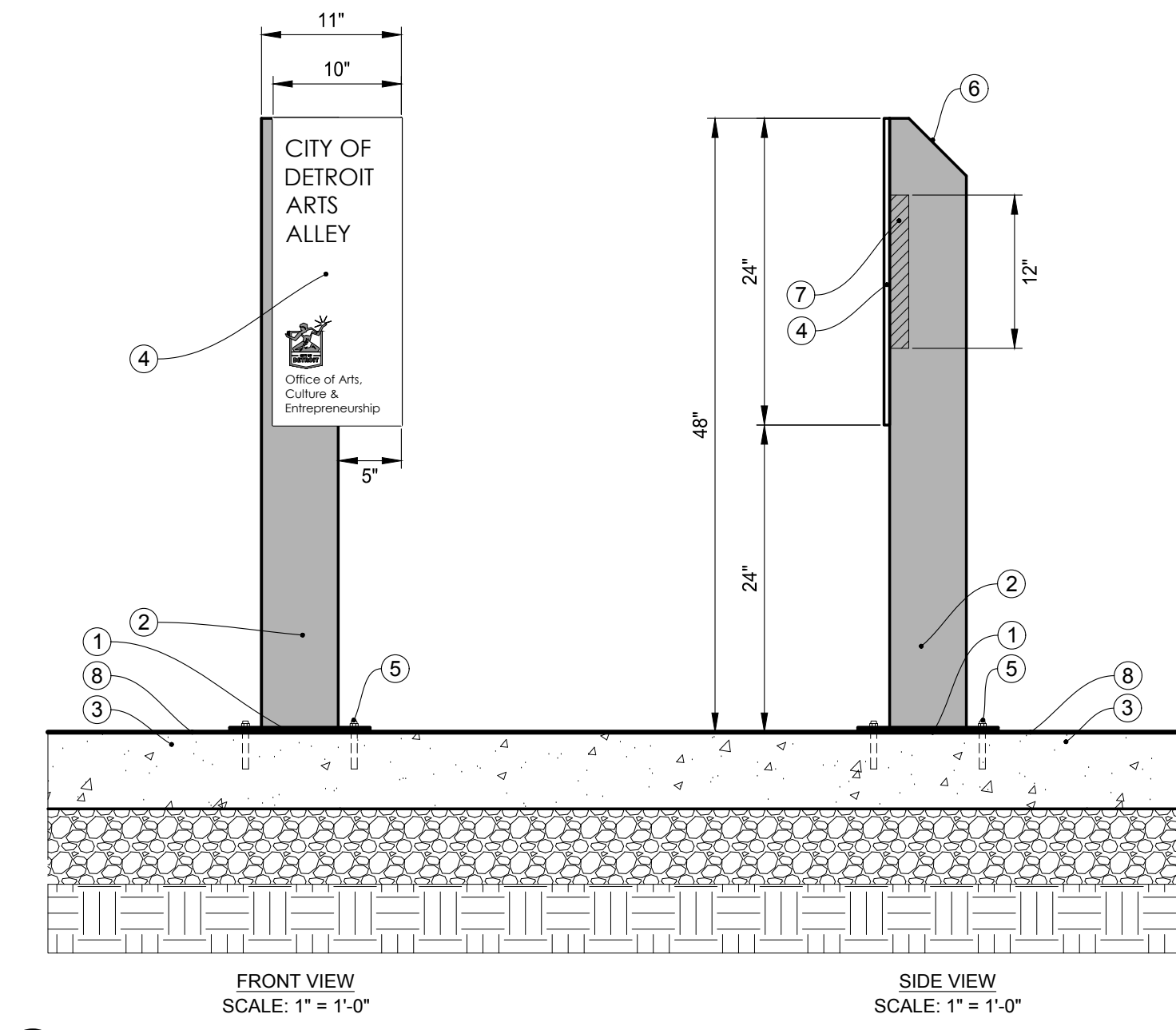
HEAVY-DUTY CONCRETE ALLEY PAVEMENT CROSS SECTION
NOT TO SCALE

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 1145 Griswold, Suite 200
 Detroit, MI 48226
 P (313) 481-1250
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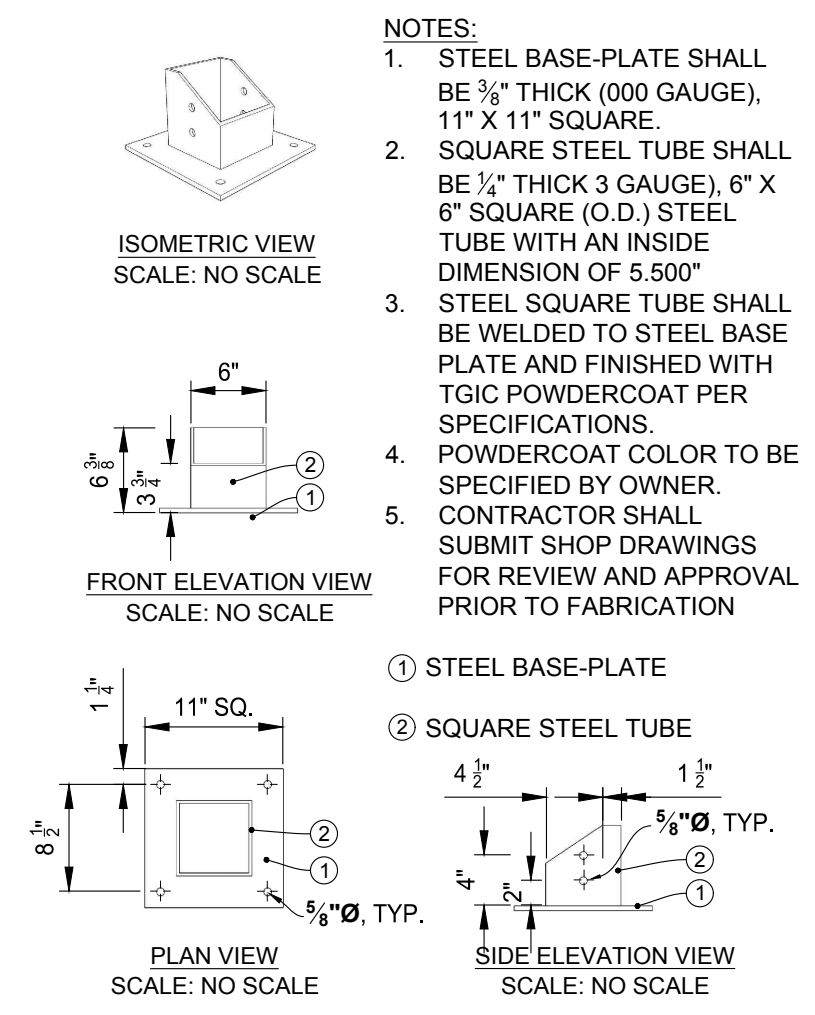
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DATE	PROJ. NUMBER	ENG	PROJ. MGR	CADD	COUNTY	MUNICIPALITY	REVISIONS
	752220010	ZJR	GCR	IS	WAYNE	DETROIT	
CITY OF DETROIT ART ALLEYS - PHASE 1 SITE/CIVIL DETAILS							



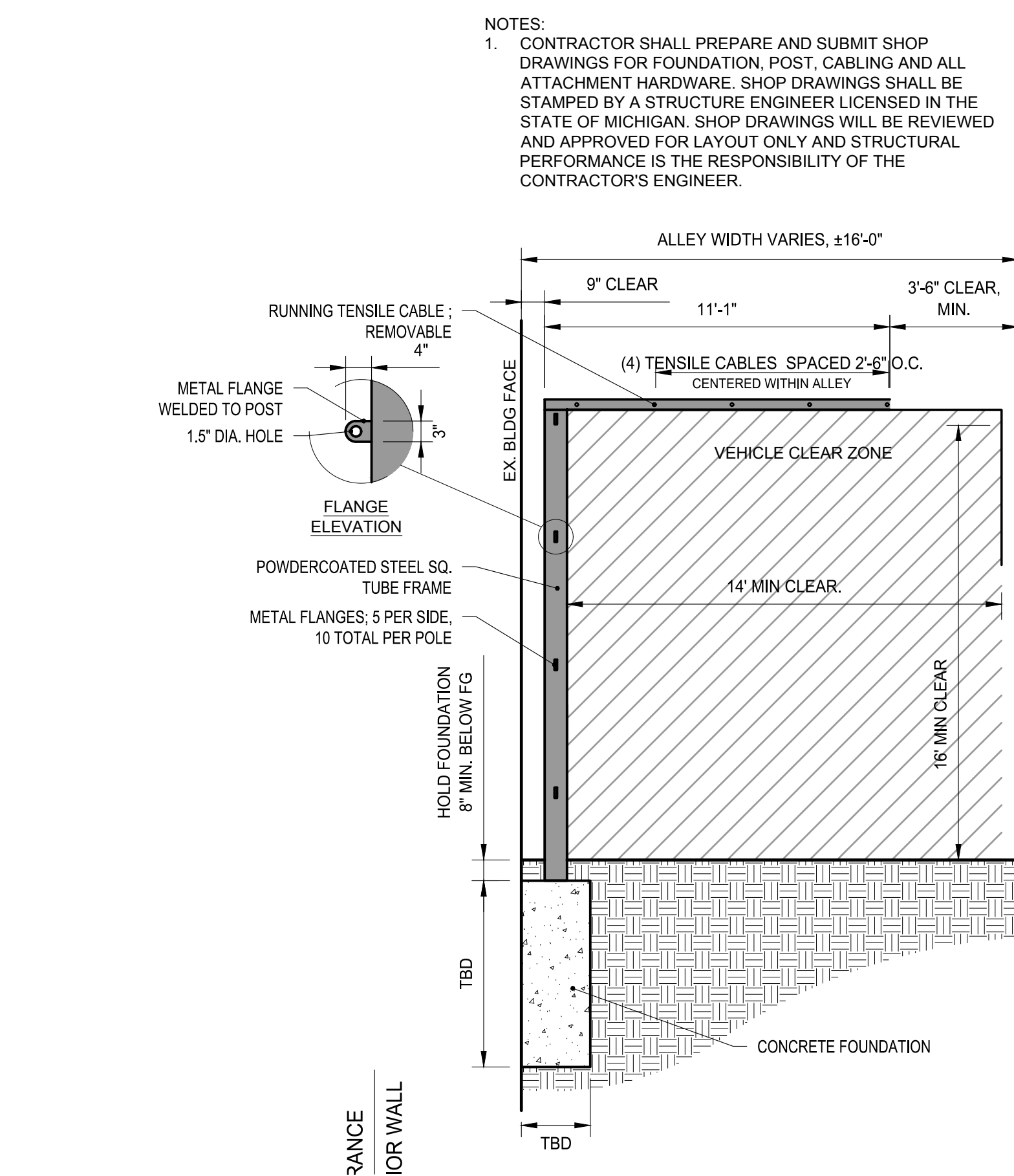
- NOTES:
- SIGNAGE PLACEMENT SHALL BE AS SHOWN IN SITE PLANS.
 - STEEL BASE-PLATE AND TUBING SHALL BE 3/8" THICK (000 GAUGE)
 - STEEL PIECE MATCHING THE SAME SHAPE AND GAUGE AT THE TOP OF THE SQUARE TUBING BOLLARD SHALL BE WELDED IN PLACE. WELDED SEAM SHALL BE GROUND TO A SMOOTH FINISH.
 - SQUARE STEEL TUBING SHALL BE WELDED TO STEEL BASE PLATE. WELDED SEAM SHALL BE GROUND TO A SMOOTH FINISH.
 - CONTRACTOR SHALL PREPARE AND SUBMIT SIGNAGE AND POST FABRICATION SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
 - CONTRACTOR TO VERIFY ORIENTATION OF SIGN FACE WITH OWNER'S REPRESENTATIVE PRIOR TO PLACEMENT
- ① 11" SQ. BLACKEND STEEL BASE-PLATE, 3/8" THICKNESS.
 ② 6" X 6" BLACKENED STEEL SQUARE TUBING, 3/8" WALL THICKNESS
 ③ CONCRETE PAVEMENT (THICKNESS VARIES)
 ④ 6 GAUGE BLACKENED STEEL PANEL ARTS ALLEY SIGN - CITY OF DETROIT STANDARD SIGNAGE ART. WELD TO STEEL POST W/ANGLE BRACKET
 ⑤ STAINLESS-STEEL CONCRETE WEDGE ANCHORS, 1/2" X 3-3/4"
 ⑥ TOP ENCLOSED WITH ANGLED STEEL WELDED IN PLACE
 ⑦ 1-1/2" X 1-1/2" X 1/2" BLACKENED STEEL ANGLE BRACKET, WELDED TO STEEL POST
 ⑧ FINISH GRADE



STEEL SURFACE MOUNT BOLLARD BASE - DETAIL
 SCALE: AS NOTED

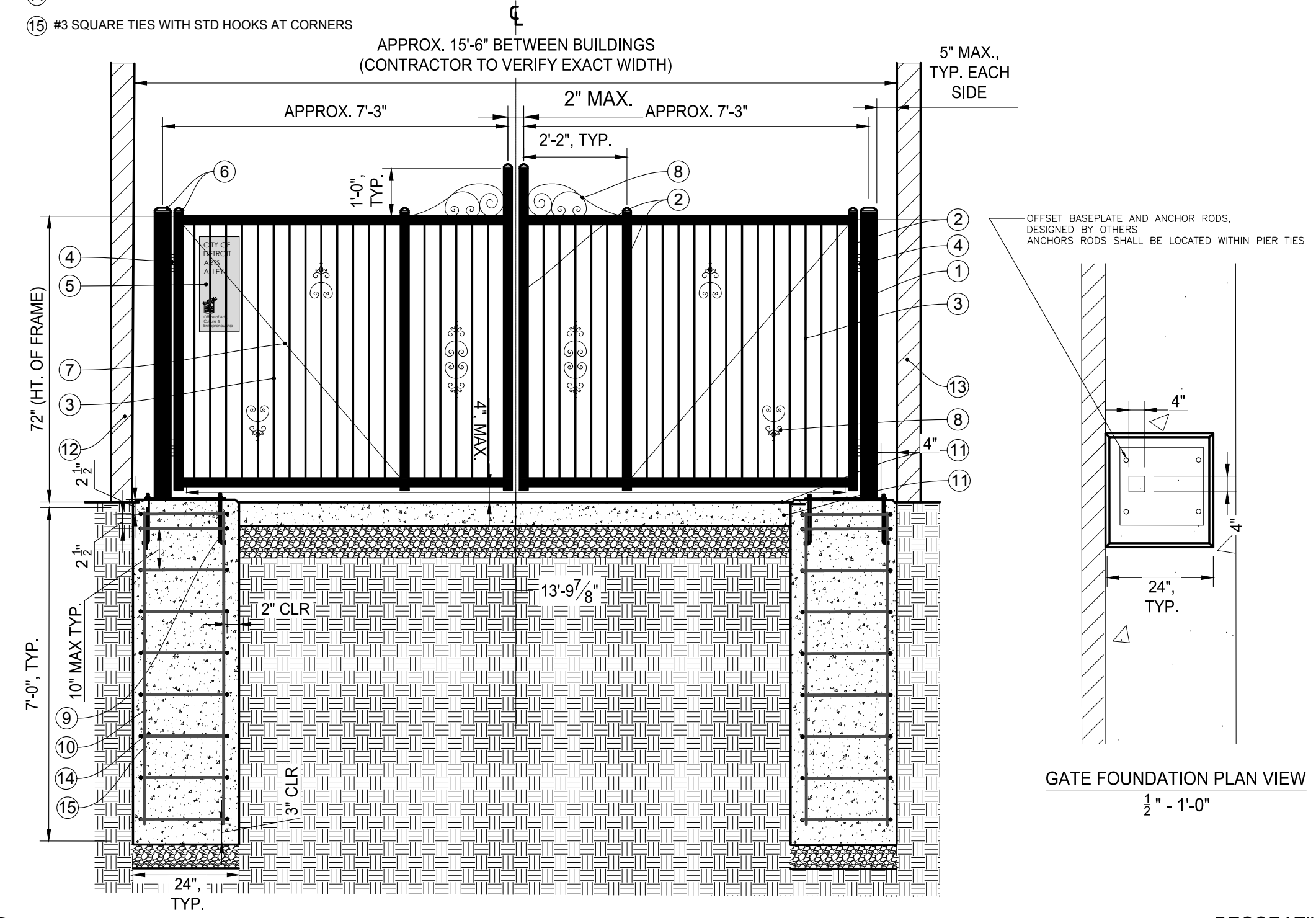
06 ARTS ALLEY STANDARD SIGN STEEL POST SURFACE MOUNT NOT TO SCALE

07 STEEL SURFACE MOUNT BOLLARD BASE NOT TO SCALE



- NOTES:
- CONTRACTOR SHALL PREPARE AND SUBMIT SHOP DRAWINGS FOR FOUNDATION, POST, CABLING AND ALL ATTACHMENT HARDWARE. SHOP DRAWINGS SHALL BE STAMPED BY A STRUCTURE ENGINEER LICENSED IN THE STATE OF MICHIGAN. SHOP DRAWINGS WILL BE REVIEWED AND APPROVED FOR LAYOUT ONLY AND STRUCTURAL PERFORMANCE IS THE RESPONSIBILITY OF THE CONTRACTOR'S ENGINEER.
- ① 4" SQUARE STEEL TUBE POST, TYP
 ② 2" SQUARE STEEL TUBING FRAMEWORK (HORIZONTAL AND UPRIGHT), WELDED AT ALL CONNECTION POINTS, TYP.
 ③ 3/4" SOLID STEEL SQUARE PICKETS, SPACED 4" O.C. MAX. WELDED TO FRAME, TYP.
 ④ STEEL HINGES WELDED TO POST AND FRAMEWORK. SIZED TO CARRY WEIGHT OF GATE, TYP. (4 TOTAL, UNLESS NOTIFIED OTHERWISE)
 ⑤ 6 GAUGE BLACKENED STEEL PANEL ARTS ALLEY SIGN - CITY OF DETROIT STANDARD SIGNAGE ART. WELD TO STEEL FRAME. SIGN TO BE PROVIDED BY OTHERS.
 ⑥ DECORATIVE CAP TO MATCH EXISTING GATE, POSTS AND VERTICAL FRAMEWORK MEMBERS, TYP.
 ⑦ TENSION ROD
 ⑧ DECORATIVE STEEL SCROLL WORK
 ⑨ STAINLESS-STEEL ANCHOR BOLTS, 1/2" X 12", TYP. EACH POST
 ⑩ REINFORCED CONCRETE FOOTING, 1" CHAMFERED EDGE, TYP. EACH FOOTING. TOP OF FOOTING ELEVATIONS TO MATCH (ALL FOOTINGS)
 ⑪ PROPOSED CONCRETE ALLEY PAVEMENT, SEE ENGINEERING PLANS FOR DETAILS
 ⑫ FINISH GRADE
 ⑬ EXISTING STRUCTURE, TYP.
 ⑭ #5 VERT
 ⑮ #3 SQUARE TIES WITH STD HOOKS AT CORNERS

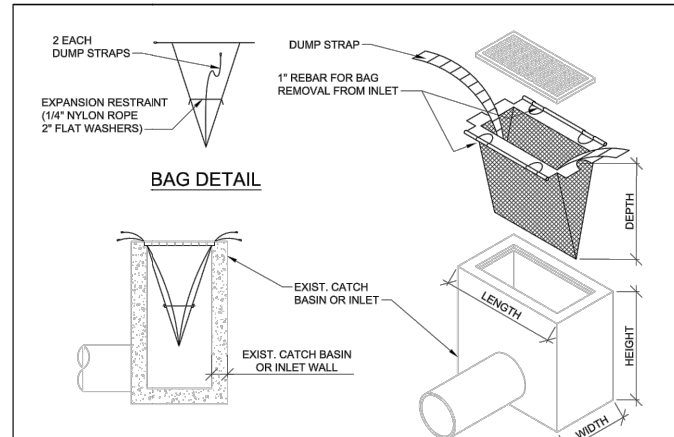
08 OVERHEAD STRUCTURE NOT TO SCALE



GATE FOUNDATION PLAN VIEW
 1/2" - 1'-0"

09 DECORATIVE STEEL GATE 72 IN HT NOT TO SCALE

REVISIONS					
MUNICIPALITY	COUNTY	CAED	PROJ/MGR	ENG	DATE
DETROIT	WAYNE	IS	GCR	ZJR	7/22/2010
CITY OF DETROIT ART ALLEYS - PHASE 1 SITE/CIVIL DETAILS					



INSTALLATION DETAIL

NOTE:
 1. TEMPORARY INLET BEHAVIOR FILTER TO BE INSTALLED ON ALL PAVED CATCH BASINS OR STORM INLETS. BEHAVIOR FILTERS TO BE SIMILAR TO:
 2. "TRENCH FILTERS" REGULAR FLOW, BY ACF ENVIRONMENTAL, INC.
 3. "TRENCH FILTERS" REGULAR FLOW, BY GSI GROUP, CLEAN FILTER AS NEEDED.
 4. "TRENCH FILTERS" REGULAR FLOW, BY GSI GROUP, CLEAN FILTER AS NEEDED.

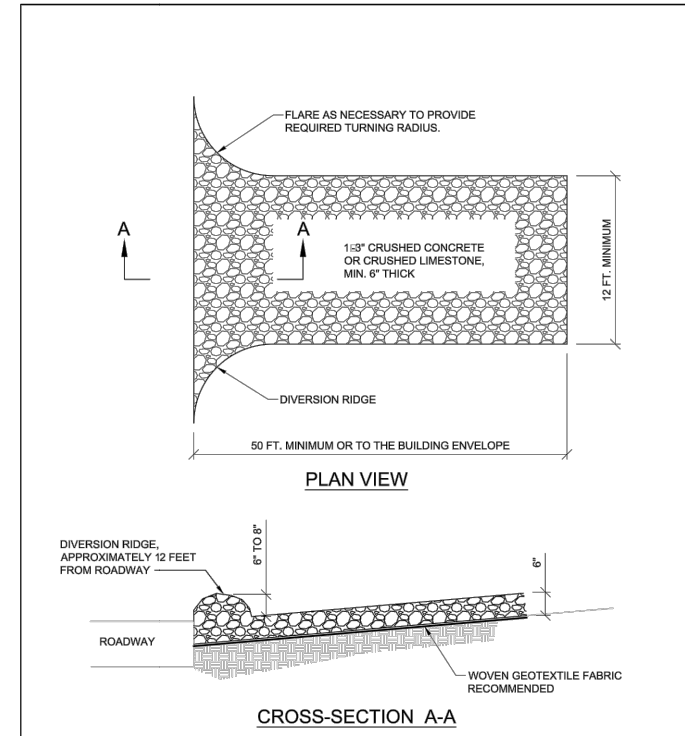
GENERAL NOTES:
 1. CONTRACTOR SHALL OBTAIN PERMISSION OF THE ENFORCING ROAD AGENCY BEFORE THIS TYPE OF CURB IS CONSTRUCTED IN THE ROAD RIGHT-OF-WAY.
 2. CONTRACTOR SHALL KEEP CURBS - GUTTER INLET FILTERS AFTER PAVING IN PLACE UNTIL ALL AREAS CONTRIBUTING TO THEM ARE GRADED WITH SLOPE CORRECT.
 3. CONTRACTOR SHALL PERFORM WEEKLY INSPECTION AND MAINTENANCE TO ENSURE THAT THE CURB & GUTTER INLET FILTER (AFTER PAVING) OPERATES EFFICIENTLY.

NO.	DESCRIPTION	DATE

INLET PROTECTION FABRIC DROP

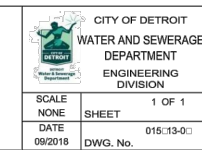


10 INLET FILTER NOT TO SCALE

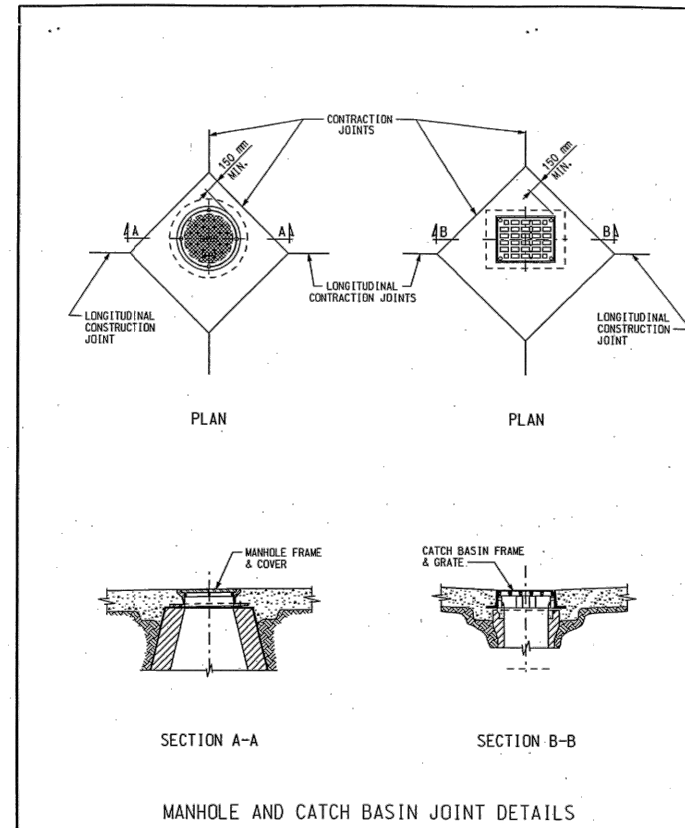


NO.	DESCRIPTION	DATE

GRAVEL ACCESS APPROACH



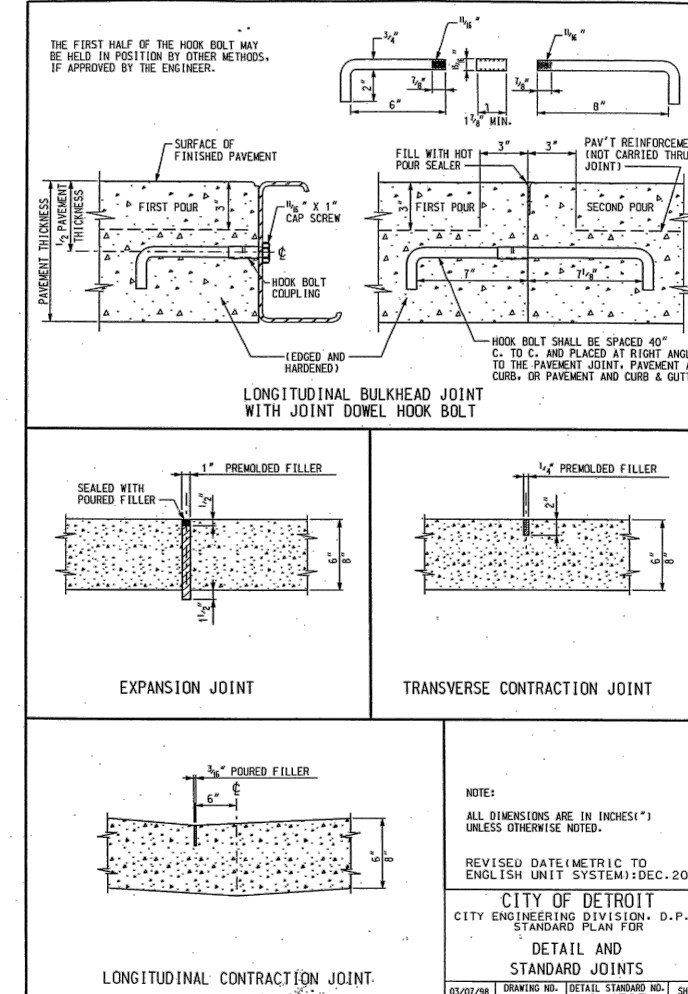
11 AGGREGATE TRACKING MAT NOT TO SCALE



NO.	DESCRIPTION	DATE

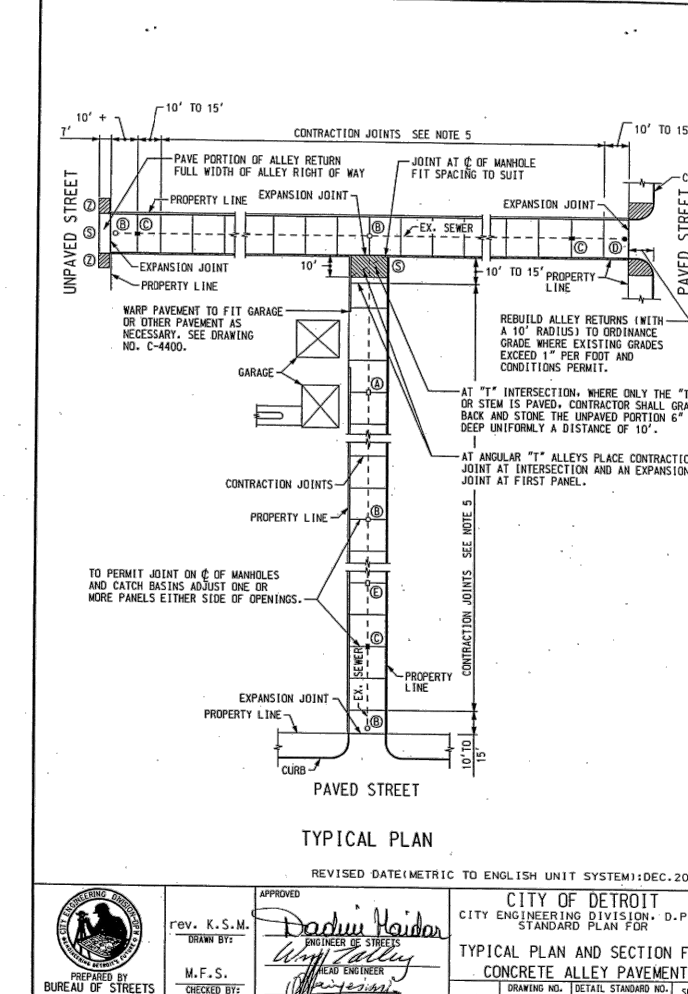
MANHOLE AND CATCH BASIN JOINT DETAILS

12 DETAIL AND STANDARD JOINTS - CITY OF DETROIT NOT TO SCALE



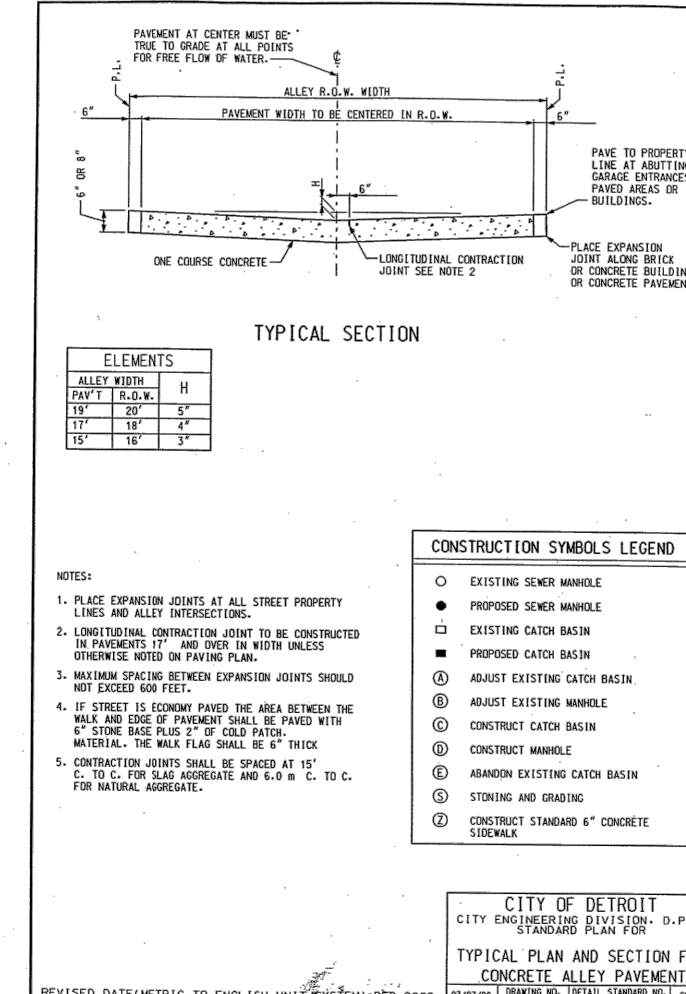
NO.	DESCRIPTION	DATE

13 DETAIL AND STANDARD JOINTS - CITY OF DETROIT NOT TO SCALE



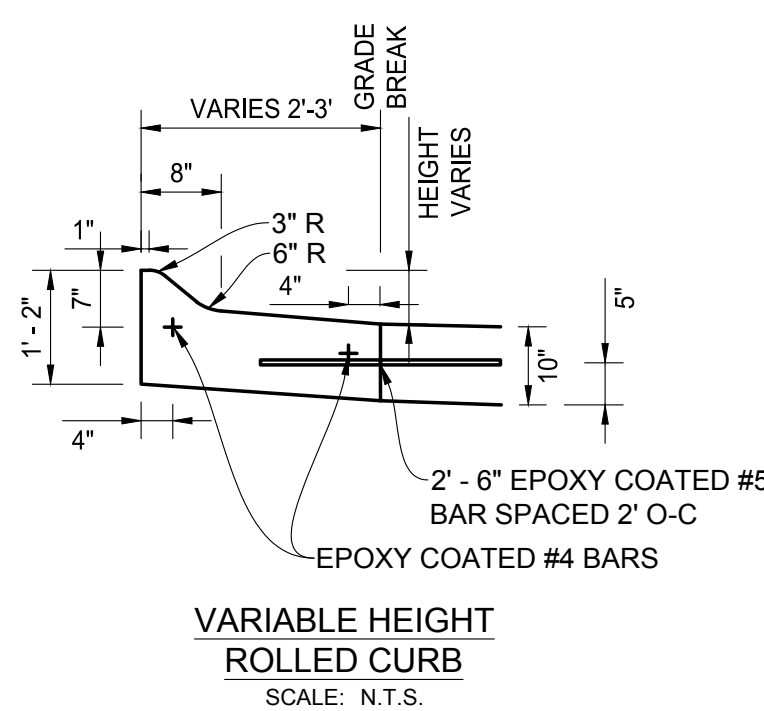
NO.	DESCRIPTION	DATE

13 ALLEY PLAN AND SECTION - CITY OF DETROIT NOT TO SCALE



NO.	DESCRIPTION	DATE

13 ALLEY PLAN AND SECTION - CITY OF DETROIT NOT TO SCALE

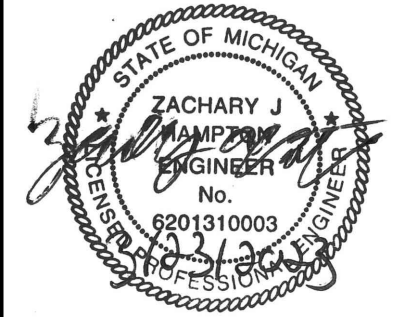


14 VARIABLE HEIGHT ROLLED CURB NOT TO SCALE

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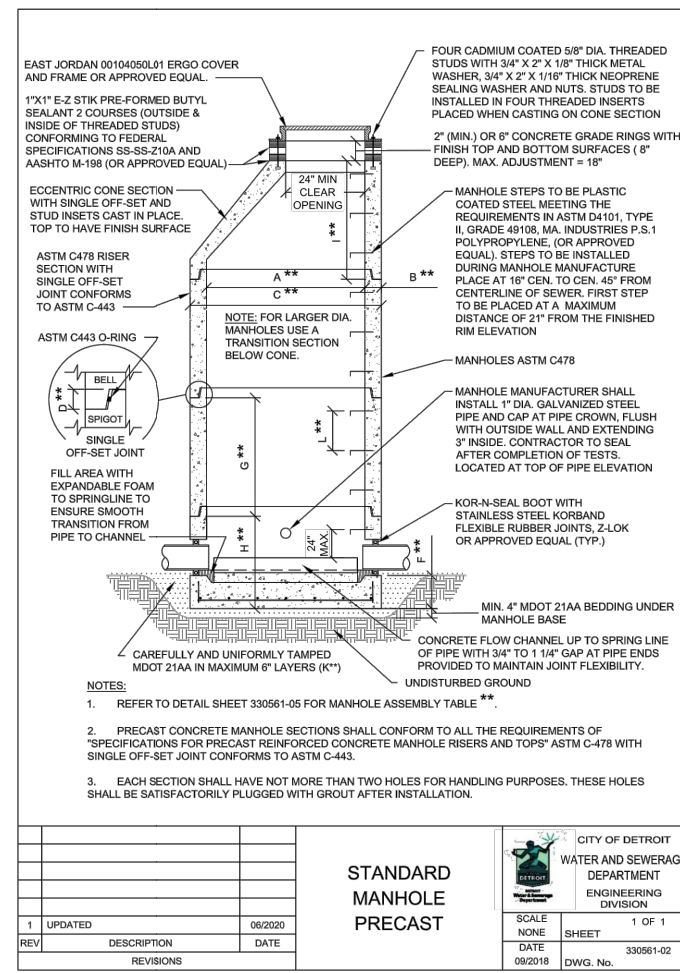
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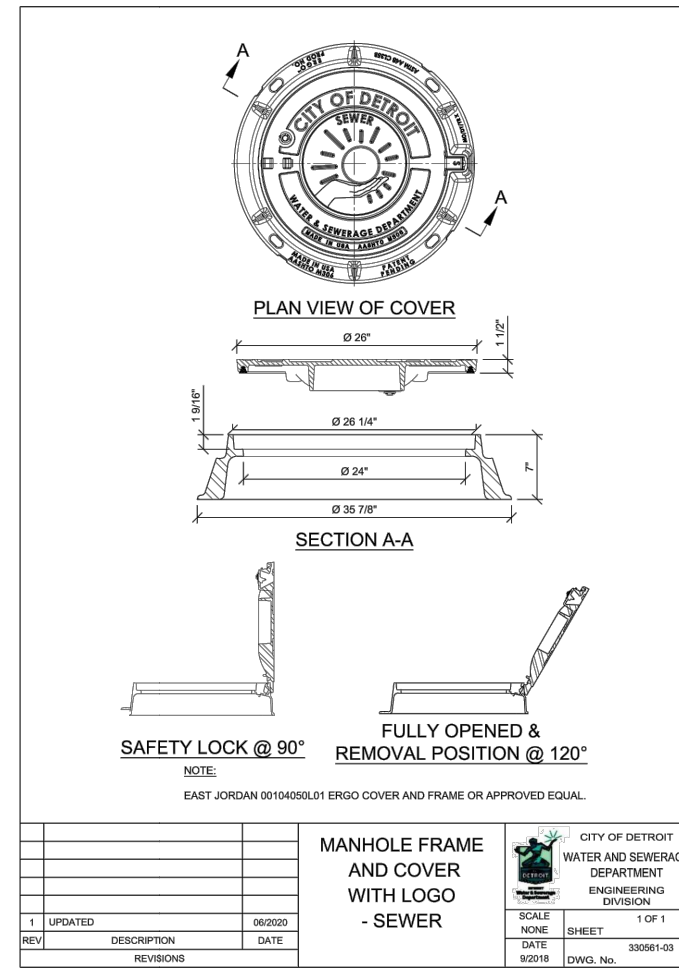
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DATE	PROJ. NUMBER	ENG	PROJ. MGR	CADD	COUNTY	MUNICIPALITY
7/25/2010	75220010	ZJR	GCR	US	WAYNE	DETROIT
CITY OF DETROIT ART ALLEYS - PHASE 1 SITE/CIVIL DETAILS						

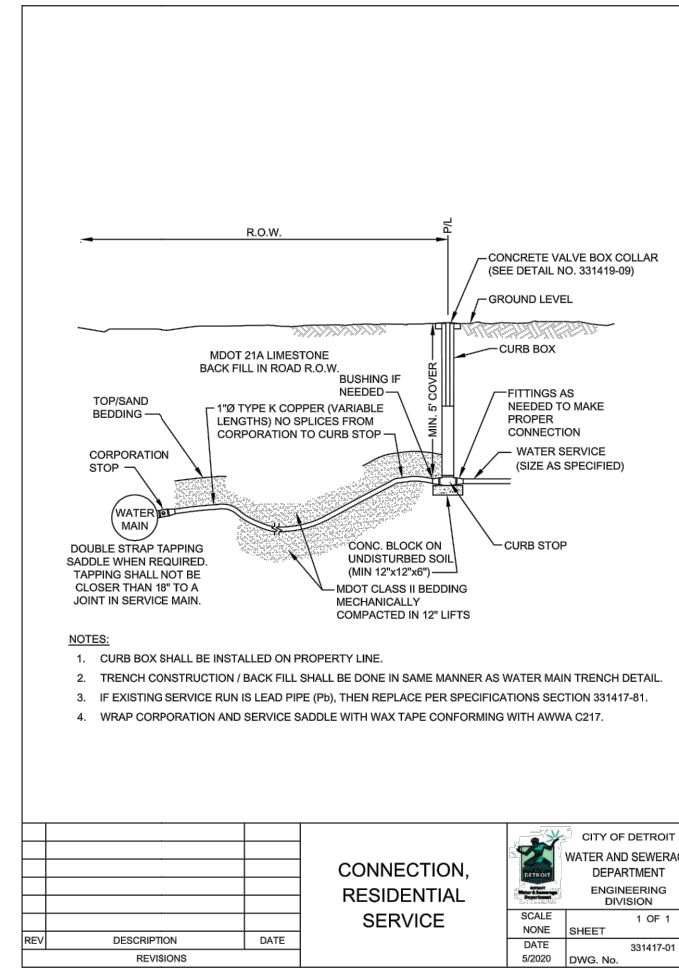
C14



51 MANHOLE PRECAST
NOT TO SCALE



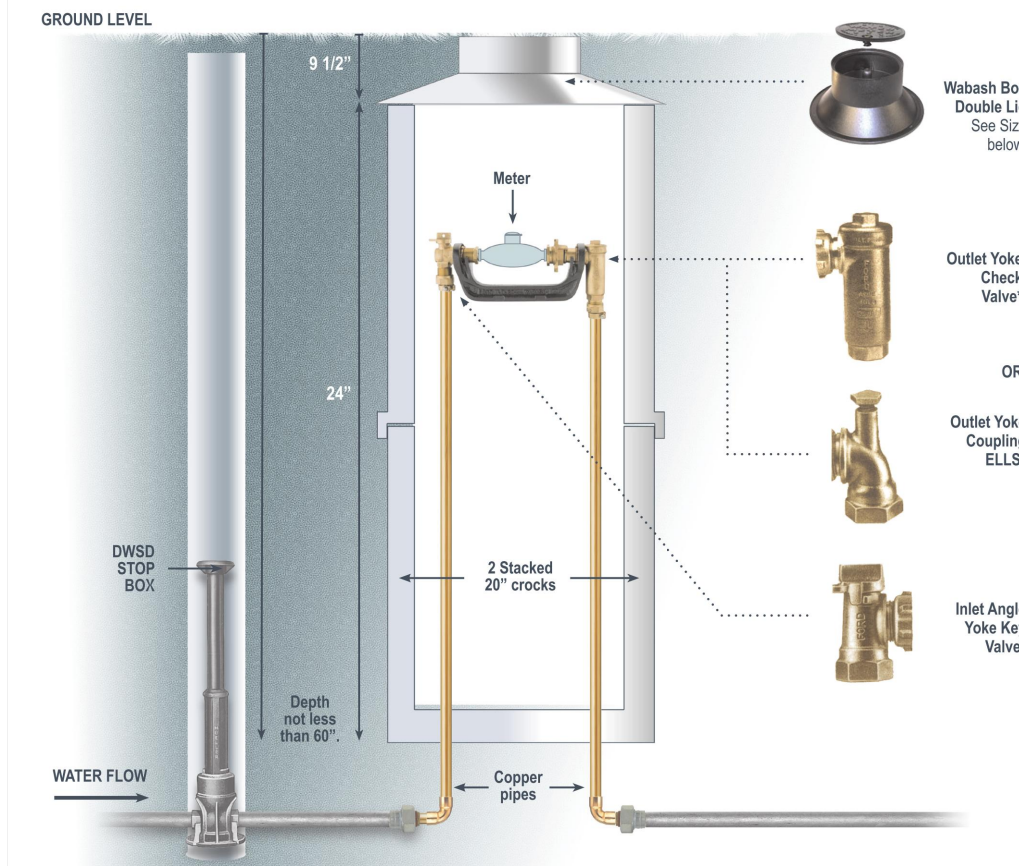
52 MANHOLE CASTING
NOT TO SCALE



53 WATER SERVICE CONNECTION
NOT TO SCALE

DOUBLE-CHECK VALVE BACK-FLOW PREVENTION DEVICE

Whenever a residence has a secondary water supply, a double-check valve or other back-flow prevention devices meeting the approval of the Detroit Health Department will be required to be installed within 180 inches of the premises or where provisions are made for a Fire Department pumper supply to premises.



The depth of the service line shall be installed below the lowest frost line. The heat generated from the soil at the base of the meter pit will circulate warm air and keep the service from freezing during winter.

*National Pipe Thread (NPT)

Please contact our Customer Care Center for questions or to schedule an appointment at 313-267-8000.



DETROIT METER PIT AND BACKFLOW PREVENTER DETAIL

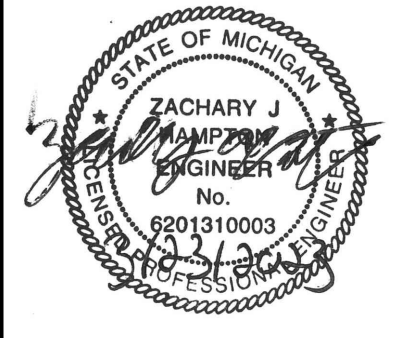
NOT TO SCALE

54 METER PIT
NOT TO SCALE

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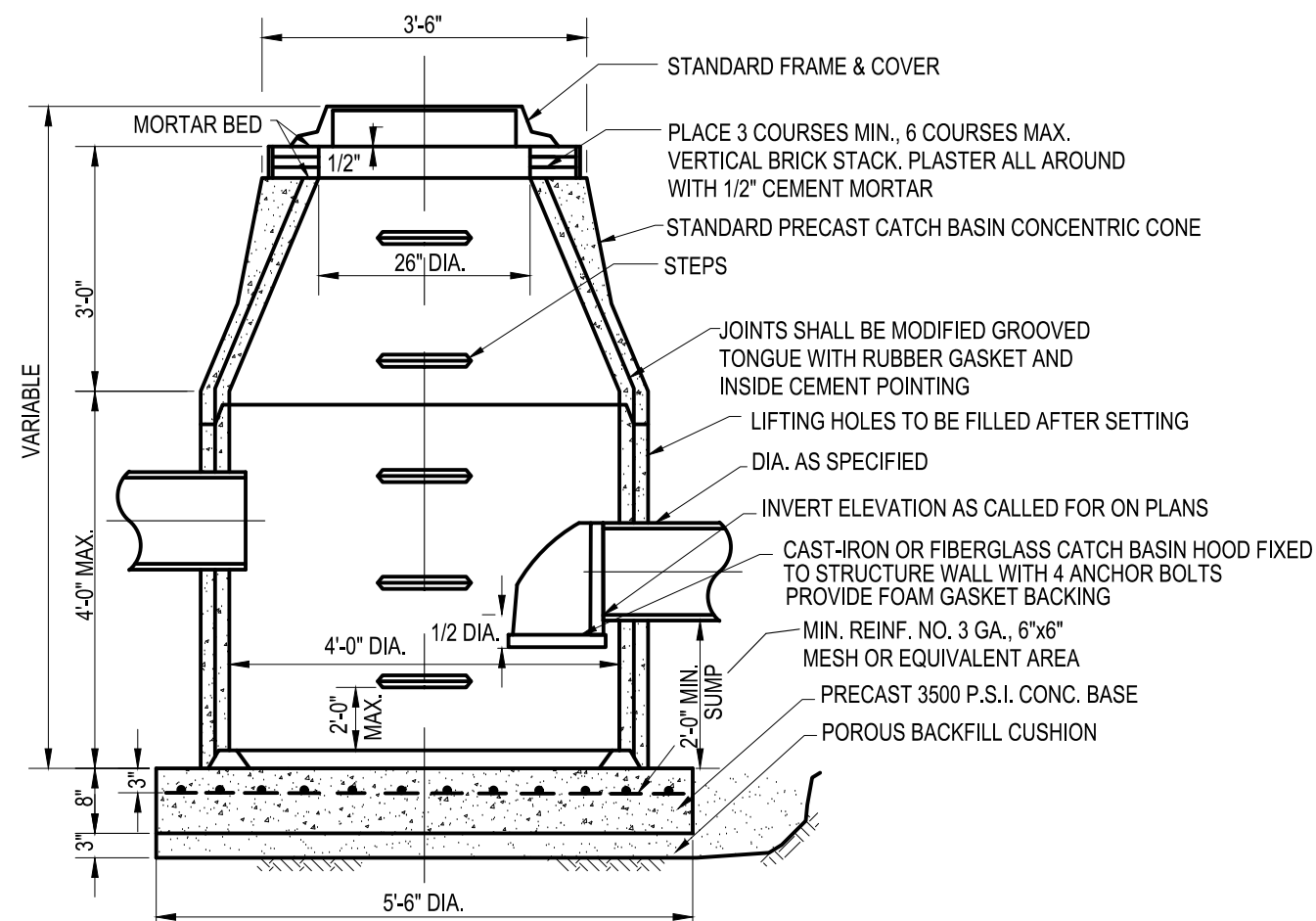


REVISIONS	

DATE	PROJ NUMBER	ENG	PROJ MGR	CADD	COUNTY	MUNICIPALITY
	7522-20010	ZJR	GCR	US	WAYNE	DETROIT
CITY OF DETROIT						
ART ALLEYS - PHASE 1						
UTILITY DETAILS						

SHEET C15

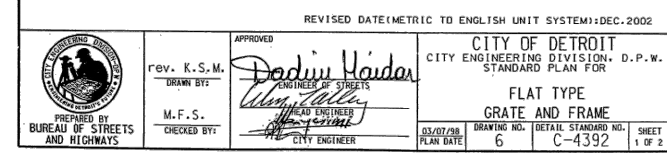
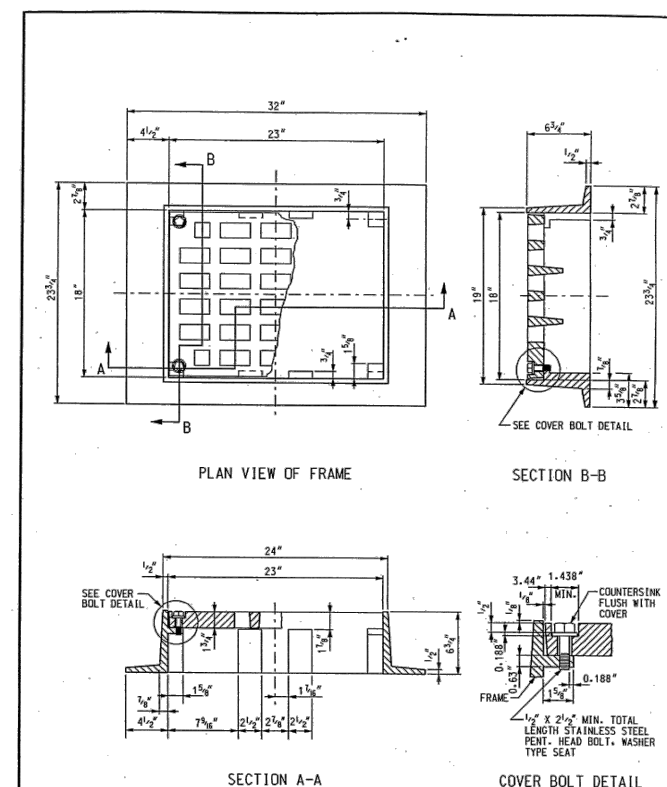
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CROSS-SECTION
CATCH BASIN

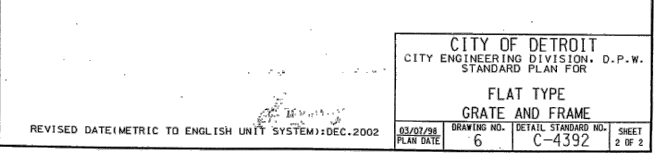
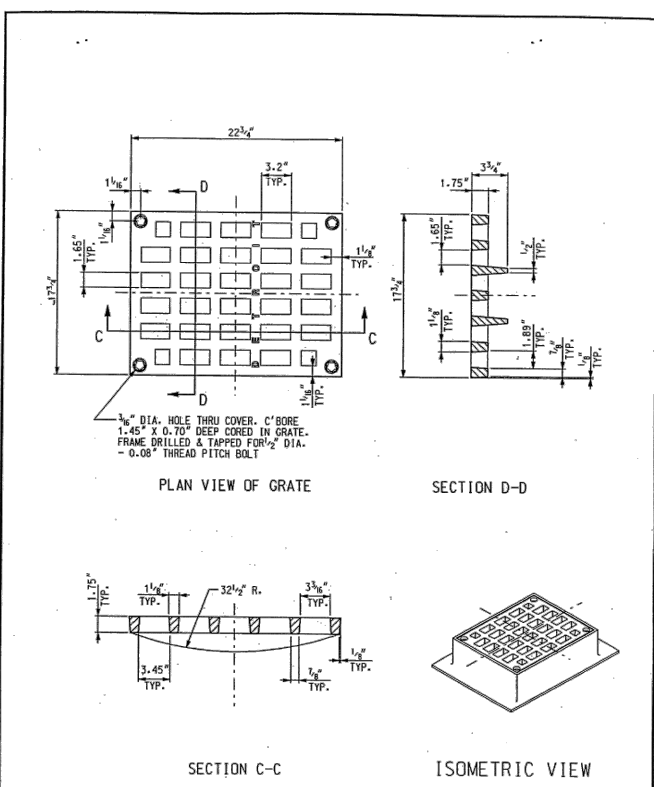
56

TRAPPED CATCH BASIN
NOT TO SCALE



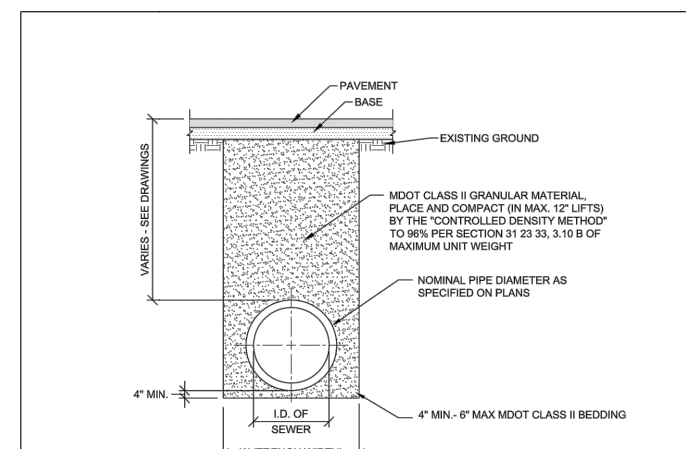
57

CATCH BASIN COVER
NOT TO SCALE



58

SANITARY TRENCH
NOT TO SCALE

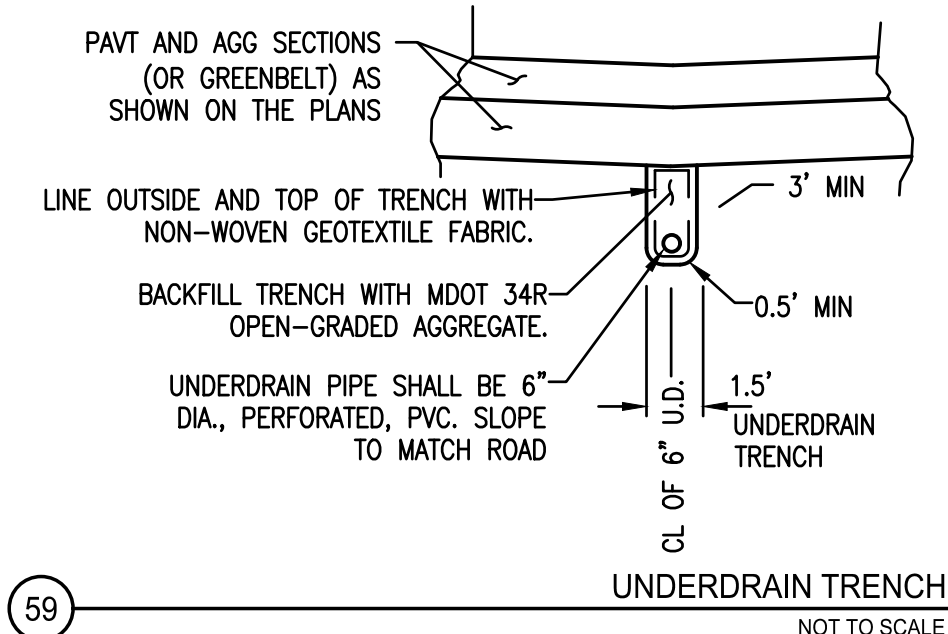


I.D. PIPE SIZE (INCHES)	18 OR LESS	24	30	36	42	48	54	60	66	72
MAXIMUM TRENCH WIDTH (FEET)	5.00	5.75	6.50	7.25	8.00	8.75	9.50	10.25	11.00	11.75

NOTES:
1. NO EXTRA PAYMENT WILL BE MADE FOR BASE AND PAVERMENT RESTORATION ITEMS DUE TO ADDITIONAL EXCAVATION BEYOND THE MAXIMUM TRENCH WIDTH LISTED ABOVE.
2. REFER TO PAVERMENT RESTORATION DETAILS FOR BASE AND PAVERMENT WIDTHS.
3. FINISHING SHALL BE PER USM OR SPEC. SURFACE P AND SHALL BE PERFORMED TO MINIMIZE THE SURFACE DISRUPTION.

STANDARD TRENCH DETAIL FOR SEWER
UNDER ROAD BED, PARKING LOTS, SIDEWALKS, DRIVEWAYS,
CURBS, GRAVEL ROADS AND ALLEYS

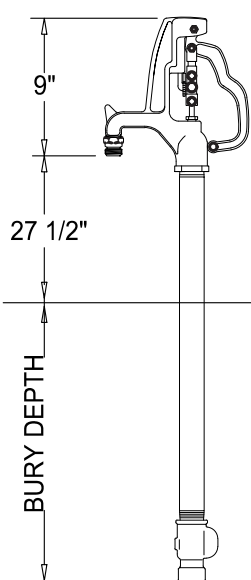
DATE	DESCRIPTION	SCALE	SHEET
1/1/2010	REVISION	AS SHOWN	1 OF 3



59

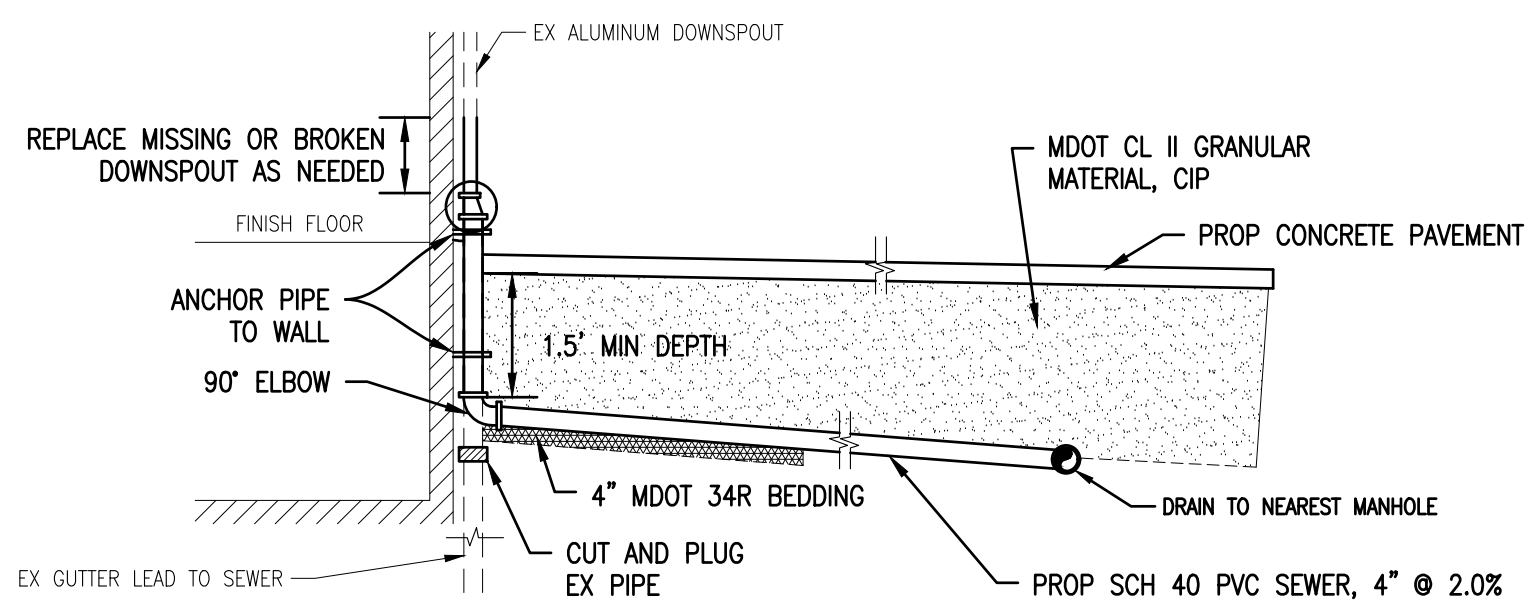
UNDERDRAIN TRENCH
NOT TO SCALE

- NOTES:
- FREEZELESS YARD HYDRANT; WOODFORD MODEL Y1-Y34 OR EQUIVALENT
 - 6' BURY DEPTH
 - 3/4" OR 1" NOZZLE DIELECTRIC UNION B/W GALVANIZED STEEL AND COPPER



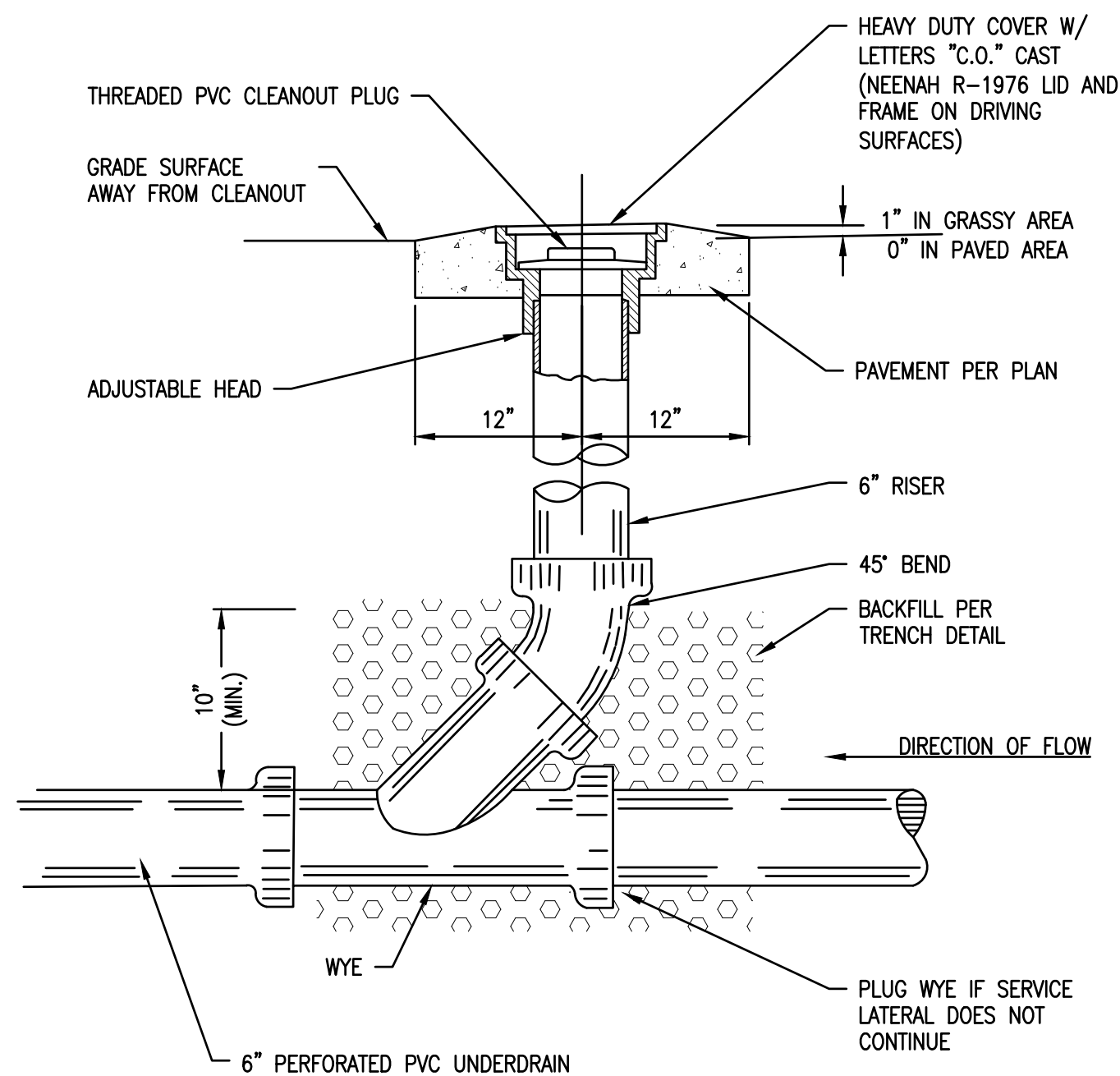
YARD HYDRANT
NOT TO SCALE

59



61

DOWNSPOUT DISCONNECTION
NOT TO SCALE



62

UNDERDRAIN CLEANOUT
NOT TO SCALE



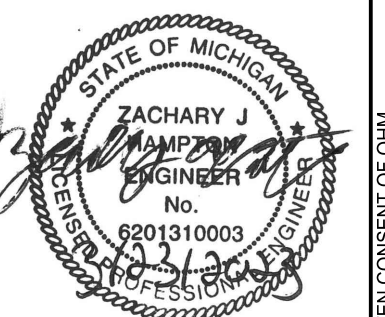
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REGIONS

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COUNTY

CAAD

PROJ/MGR

ENG

SHEET

WAYNE

US

GCR

ZJM

DETROIT

C16

CITY OF DETROIT
ART ALLEYS - PHASE 1
UTILITY DETAILS

C16

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GENERAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR BEING FAMILIAR WITH ALL DOCUMENTED UNDERGROUND UTILITIES, PIPES AND STRUCTURES. LOCATE AND PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION UNLESS OTHERWISE NOTED. CONTACT MISS DIG (811 OR 800-482-7171) A MINIMUM OF 3 DAYS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
- ALL WORK TO BE PERFORMED BY LICENSED AND INSURED CONTRACTORS AND EXPERIENCED WORKERS.
- REFER TO DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL DIMENSIONS IN THESE DRAWINGS ARE IN FEET AND INCHES UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS SHOWN REFERENCE EDGES OF PAVEMENTS OR FACE OF CURB UNLESS OTHERWISE NOTED.
- DO NOT SCALE DRAWINGS. UTILIZE DIMENSIONS INDICATED ON THE PLANS. THE CONTRACTOR SHALL COORDINATE ALL WORK AND BE RESPONSIBLE FOR ALL METHODS, MEANS, SEQUENCE, AND PROCEDURES OF THE WORK.
- THE CONTRACTOR SHALL KEEP ALL DRAINAGE FACILITIES (CATCH BASINS, YARD DRAINS, ETC.) AFFECTED BY HIS CONSTRUCTION OPERATIONS CLEAN AND FULLY OPERATIONAL AT ALL TIMES.
- CONTRACTOR SHALL REPAIR AT HIS OWN EXPENSE, ANY DAMAGE, WHETHER INSIDE OR OUTSIDE OF THE PROJECT LIMITS, TO UTILITY SYSTEMS, SURFACE PAVEMENTS, FIXTURES, STRUCTURES, AND/OR EXISTING TREES OR LANDSCAPING THAT ARE NOT SPECIFICALLY INDICATED TO BE REMOVED OR RELOCATED AS PART OF THE PROJECT CONSTRUCTION. IN THE EVENT THAT ANY EXISTING DRAINAGE STRUCTURES OR UTILITIES ARE DAMAGED AND THE SERVICES DISRUPTED, THE LINES SHALL BE IMMEDIATELY REPAIRED AND THE SERVICES RESTORED AS DIRECTED BY THE ENGINEER.
- IN THE EVENT THAT DISCREPANCIES ARISE BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR RESOLUTION.
- THE CONTRACTOR IS RESPONSIBLE FOR CONSISTENCY OF THE ANGLE OF THE SCORING PATTERN AND JOINTING PATTERN IN THE CROSSWALKS. THE SCORING PATTERN IS SUBJECT TO THE ENGINEERS APPROVAL.

PLANTING NOTES

- SECURE PLANT MATERIAL AS SPECIFIED ON PLANS. IN THE EVENT THAT PLANT MATERIALS SPECIFIED ARE NOT AVAILABLE, CONTRACTOR SHALL PROVIDE ALTERNATES FOR LANDSCAPE ARCHITECT REVIEW. NO SUBSTITUTIONS FOR PLANT MATERIALS WILL BE ALLOWED WITHOUT PRIOR WRITTEN APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- VERIFY THAT ALL PLANTING PRODUCTS, PLANT MATERIAL, AND PLANT QUANTITIES DELIVERED TO THE SITE MATCH WHAT IS INDICATED ON THE PLANS AND SPECIFICATIONS.
- PROTECT ALL PLANT MATERIAL DURING DELIVERY TO PREVENT DAMAGE TO ROOT BALLS, TRUNKS, BRANCHES AND THE DESICCATION OF LEAVES. PROTECT ALL PLANT MATERIAL DURING SHIPPING WITH SHADE CLOTH OR SHIP WITH ENCLOSED TRANSPORT. MAINTAIN PROTECTIONS AND HEALTH OF PLANT MATERIAL STORED ON SITE. HANDLE ALL TREES WITH NYLON STRAPS. NO CHAINS OR CABLES WILL BE ALLOWED. REMOVE UNACCEPTABLE PLANT MATERIAL IMMEDIATELY FROM THE SITE.
- ALL PLANT MATERIAL SHALL BE NORTHERN NURSERY GROWN, WELL FORMED, TRUE TO SPECIES, HARDENED OFF WITH VIGOROUS ROOT SYSTEMS, FULL CROWN AND CANOPIES, AND FREE FROM DISEASE, PESTS AND INSECTS, AND DEFECTS SUCH AS KNOTS, SUN SCALD, WINDBURN, LEAF DIS-COLORATION, IRREGULAR BRANCHING OR INJURIES.
- ALL ROOT BALLS SHALL CONFORM TO THE SIZE STANDARDS SET FORTH IN 'AMERICAN STANDARDS FOR NURSERY STOCK'.
- ALL PLANT MATERIAL DELIVERED TO THE SITE IS SUBJECT TO THE REVIEW OF THE ENGINEER BEFORE, DURING AND AFTER INSTALLATION.
- PROVIDE PLANT SAMPLES OR PHOTOGRAPHS OF EACH PLANT SPECIFIED TO THE ENGINEER FOR COMPLIANCE REVIEW PRIOR TO INSTALLATION.
- ALL PLANT MATERIALS, INCLUDING RELOCATED PLANT MATERIAL, SHALL BE PLANTED IN A PROFESSIONAL MANNER TYPICAL TO THE INDUSTRY STANDARDS TO ASSURE COMPLETE SURVIVABILITY OF ALL INSTALLED PLANT MATERIALS AS WELL AS TO PROVIDE AN AESTHETICALLY APPROVED PROJECT. CONTRACTOR SHALL REFER TO THE PLANTING DETAILS FOR MINIMUM SIZE AND WIDTH OF PLANTING PITS AND BEDS, GUYING AND STAKING, MULCHING, AND OTHER PLANTING REQUIREMENTS.
- PLANTING BEDS SHALL HAVE A MINIMUM OF 3" DEPTH OF SHREDDED HARDWOOD MULCH. PLANTING MIX AND/OR TOPSOIL SHALL BE PROVIDED AND BLENDED WITH THE EXISTING SUBGRADE AS DESCRIBED IN THE PLANTING DETAILS AND SPECIFICATIONS.
- ALL PLANTING AREAS SHALL BE WEED FREE PRIOR TO PLANTING INSTALLATION.
- REMOVE ALL PLANTING AND LANDSCAPE DEBRIS FROM THE PROJECT SITE AND SWEEP AND WASH CLEAN ALL PAVED AND FINISHED SURFACES AFFECTED BY THE LANDSCAPE INSTALLATION.
- REFER TO GENERAL NOTES FOR ADDITIONAL INSTRUCTIONS.
- SEE SHEET L3 FOR PLANTING DETAILS

OLD REDFORD ALLEY PLANT LIST

PERENNIALS & GROUNDCOVER							
QTY.	CODE	COMMON NAME	BOTANICAL NAME	INSTALL SIZE	CONDITION	SPACING	NOTES
10	SY CO	WOOD BLUE ASTER	SYMPHYOTRICHUM CORDIFOLIUM	#1	CONT.	12"	
4	SA OF	COMMON SAGE	SALVIA OFFICINALIS	#1	CONT.	18"	



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DETROIT

COUNTY
WAYNE

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JS

PRO. MGR
GCR

ENG
ZJH

PRO. NUMBER
7522-00-010

DATE

SHEET
L1

CITY OF DETROIT
ART ALLEYS - PHASE 1
LANDSCAPE NOTES

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JOB BENCHMARK #207
 DESCRIPTION: SET COTTON SPINDLE IN S/FACE OF U/POLE ON W/SIDE OF GREYDALE ST AT BEGINNING OF ALLEY ELEV 6.35.05

JOB BENCHMARK #208
 DESCRIPTION: SET COTTON SPINDLE IN S/FACE OF U/POLE NEAR MID POINT OF ALLEY, +/-15FT NE OF CB#1529 ELEV 6.36.39

JOB BENCHMARK #209
 DESCRIPTION: SET COTTON SPINDLE ON E/FACE OF U/POLE ON W SIDE OF LAHSER RD AT ALLEY INTERSECTION ELEV 6.36.05

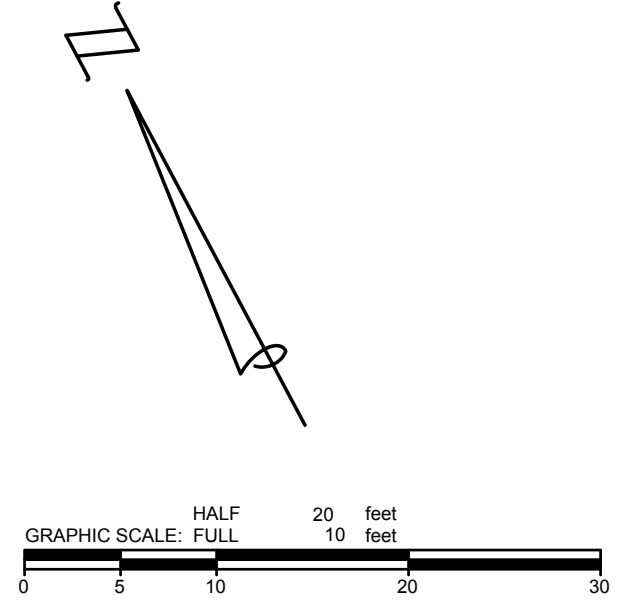
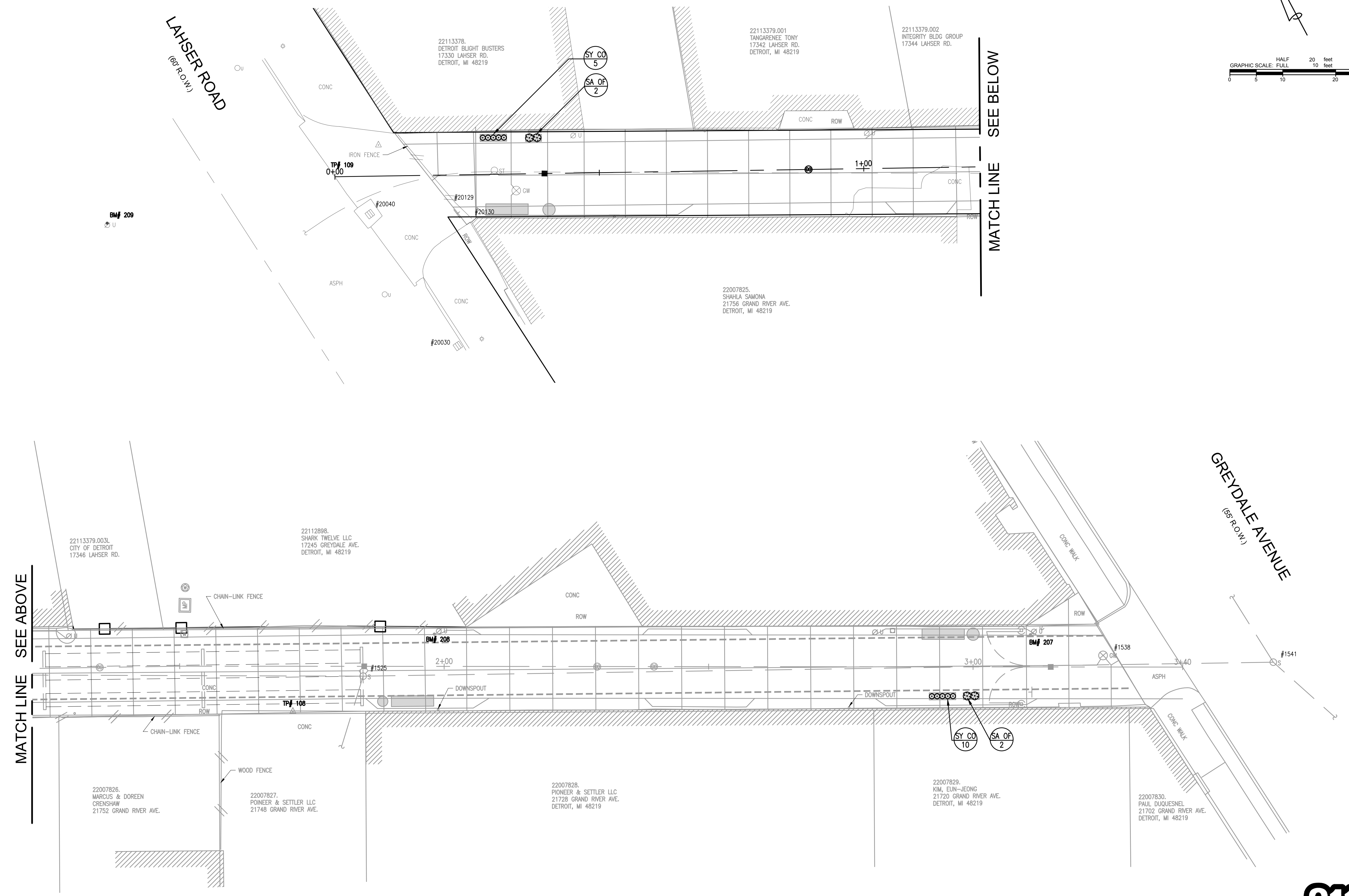
TRAVERSE POINT #107
 N 335980.45 ELEV 633.88
 E 13423160.35

TRAVERSE POINT #108
 N 336070.76 ELEV 635.32
 E 13422989.20

TRAVERSE POINT #109
 N 336158.16 ELEV 635.89
 E 13422830.89

OLD REDFORD ARTS ALLEY

(16' R.O.W.)



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DRAWING PATH: P:\7501_7600\7522222010_Arts Alleys\Drawings\Civil\Plans_Cons\220101_LAND_REDE.dwg Mar 16, 2023 - 8:41am

MATCH LINE SEE ABOVE

MATCH LINE SEE BELOW

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	7522-00-010	Z/JH	GCR	JS	WAYNE	DETROIT

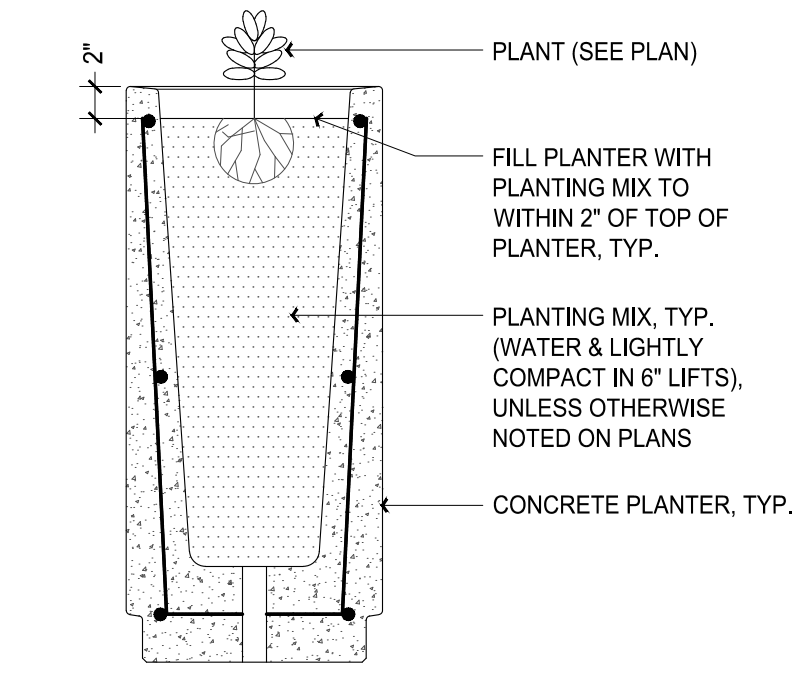
CITY OF DETROIT
 ART ALLEYS - PHASE 1
 LANDSCAPE PLAN



NOTES:
 FOR PLANT LIST, REFER TO SHEET L1

SHEET L2

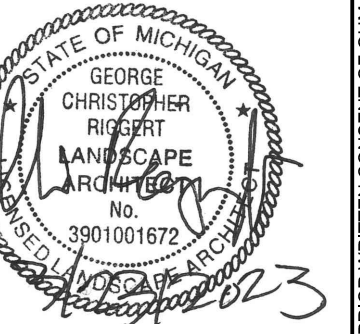
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1 PLANTER PLANTING PLAN NOT TO SCALE



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CITY OF DETROIT
ART ALLEYS - PHASE 1
LANDSCAPE PLANTING DETAILS