

Link Detroit - Projects	Drawing Number
1. OVERALL GENERAL PLANS	1 - TO - 7
2. DEQUINDRE CUT PHASE II GREENWAY	8 - TO - 105
3. EASTERN MARKET DISTRICT CORE IMPROVEMENTS	106 - TO - 206
4. MIDTOWN LOOP PHASE IV GREENWAY	207 - TO - 373
5. WILKINS STREET BRIDGE RECONSTRUCTION	374 - TO - 408
6. ADELAIDE STREET BRIDGE RECONSTRUCTION	409 - TO - 441
7. DIVISION STREET BRIDGE RECONSTRUCTION	442 - TO - 474
8. ALFRED STREET BRIDGE REMOVAL	475 - TO - 489
9. HAMTRAMCK CONNECTOR	490 - TO - 497

Standards and Specifications Reference - Not To Be Printed

AASHTO LOAD AND RESISTANCE FACTOR DESIGN (LRFD) BRIDGE DESIGN SPECIFICATION (LATEST EDITION)
 MDOT 2012 STANDARD SPECIFICATIONS FOR CONSTRUCTION
 2011 MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
 2012 AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES
 2004 AASHTO GUIDE FOR THE PLANNING, DESIGN, AND OPERATION OF PEDESTRIAN FACILITIES
 2011 AASHTO GEOMETRIC DESIGN OF HIGHWAY AND STREETS

MDOT Standard Plans: (Latest Edition) - Not To Be Printed

WHERE THE FOLLOWING ITEMS ARE CALLED FOR IN THE PLANS, THEY ARE TO BE CONSTRUCTED ACCORDING TO THE STANDARD PLANS GIVEN BELOW.

Title	ALL PROJECTS	Plan No.
SIDEWALK RAMP AND DETECTABLE WARNING DETAILS		R-28-G
DRIVEWAY OPENINGS & APPROACHES, AND CONCRETE SIDEWALK		R-29-H
PERFORATED STEEL SQUARE TUBE SIGN BREAKAWAY SYSTEM		SIGN-207-A
UTILITY TRENCH		R-83-B
SOIL EROSION & SEDIMENTATION CONTROL MEASURES		R-96-E
TABLES FOR "L", "D" AND "B" VALUES		M0020a
TYPICAL ADVANCE SIGNING TREATMENT FOR LONG, INTERMEDIATE AND SHORT TERM STATIONARY WORK ZONE OPERATIONS OF LESS THAN TWO MILES IN LENGTH WHERE TRAFFIC CONTROL DEVICES MAY REMAIN AT END OF WORK DAY ON AN UNDIVIDED TWO-WAY ROADWAY		M0040a
2-LANE 2-WAY - 1-LANE CLOSURE - UTILIZING TRAFFIC REGULATORS - NO SPEED REDUCTION		M0140a
2-LANE 2-WAY - TEMPORARY TRAFFIC SIGNAL WITH SIGN PLACEMENT BOTH SIDES USING ADVISORY SPEED		M0210a
GROUND DRIVEN SIGN SUPPORTS FOR TEMP SIGNS		WZD-100-A
TEMPORARY TRAFFIC CONTROL DEVICES		WZD-125-E
PAVEMENT MARKING CONVOY TYPICAL FOR SIGNS (ALL REGIONS)		PMC22e

Title	BRIDGE PROJECTS	Plan No.
DRAINAGE STRUCTURES		R-1-E
COVER B		R-7-E
COVER K		R-15-E
TRANSVERSE PAVEMENT JOINTS (PLAN CONCRETE PAVEMENT)		R-39-I
LOAD TRANSFER ASSEMBLIES FOR TRANSVERSE JOINTS		R-40-H
LONGITUDINAL PAVEMENT JOINTS		R-41-G
TYPICAL LAYOUTS FOR CONCRETE PAVEMENT		R-42-F
LOCATION OF TRANSVERSE JOINTS IN PLAIN CONCRETE PAVEMENT		R-43-I
GRANULAR BLANKET, UNDERDRAINS, OUTLET ENDINGS FOR UNDERDRAINS, AND SEWER BULKHEADS		R-80-E
UTILITY TRENCHES		R-83-B
BRIDGE RAILING, AESTHETIC PARAPET TUBE		B-25-G
FENCING FOR BRIDGE RAILING, AESTHETIC PARAPET TUBE		B-41-C
MOLDING, BEVEL, LIGHT STANDARD ANCHOR BOLT ASSEMBLY & NAMEPLATE DETAILS		B-103-E

BIDDING DOCUMENTS
MAY 21, 2013

CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
 IN COOPERATION WITH
MICHIGAN DEPARTMENT OF TRANSPORTATION
 AND
FEDERAL HIGHWAY ADMINISTRATION
LINK DETROIT
 DETROIT, MICHIGAN / WAYNE COUNTY



Midtown Detroit Inc.



Eastern Market Corporation

DETROIT FIRE DEPT.
Fire Marshal Division
 Date 4/10
 By Chief J. Holt
Final Inspection and
System Acceptance/Approval

 Economic Development Corporation
 of the City of Detroit
MDOT
 Michigan Department of Transportation

APPROVED

JOB NO. : 115633A
 CONTROL SECTION NO. : TGR4 82022
 FEDERAL PROJECT NO. TGR4 1382(285)
 FEDERAL ITEM NO. RR 8498

LOCAL AUTHORITY APPROVAL
 CITY OF DETROIT
 CITY ENGINEERING DIVISION
 DEPARTMENT OF PUBLIC WORKS
 900 CADILLAC TOWER
 DETROIT, MICHIGAN 48226

FIRE MARSHALL DIVISION
 CITY OF DETROIT

Approved by: _____

TRAFFIC ENGINEERING DIVISION (TED)
 CITY OF DETROIT

Approved by: Ashe M. Patez
ASHOK M. PATEZ 5/7/13

PUBLIC LIGHTING DEPARTMENT (PLD)
 CITY OF DETROIT

Approved by: Richard C. Tenney
RICHARD C. TENNEY 4/25/2013

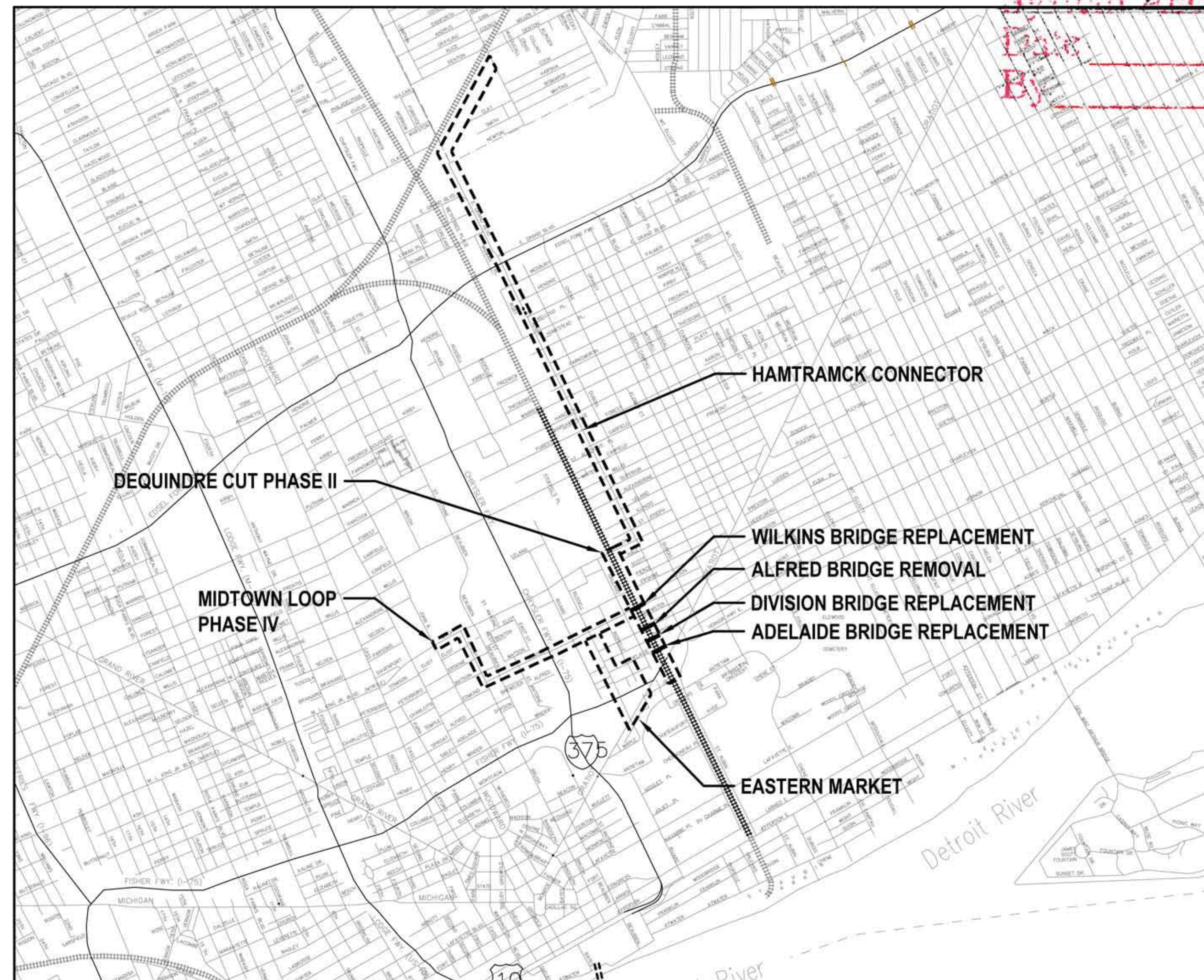
DETROIT WATER AND SEWERAGE DEPARTMENT (DWSD)
 CITY OF DETROIT

Approved by: Gang Song (Not for construction permit)
 4/11/2013
 The contractor should obtain the construction permit.

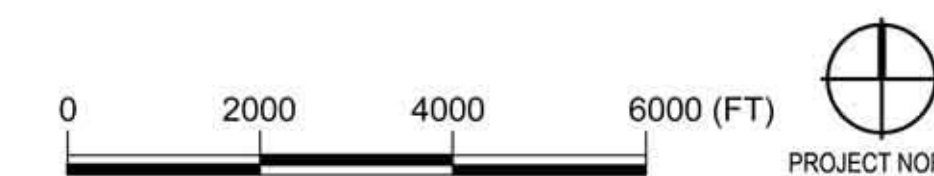
CITY ENGINEERING DIVISION (CED)
 CITY OF DETROIT

Approved by: Richard J. Roberts
Richard J. Roberts 4/25/13

FOR ENGINEERING SEAL AND SIGNATURES REFER TO COVER SHEETS OF INDIVIDUAL PROJECTS



Location Map:



Consultants/Designers:

DEQUINDRE CUT PHASE II
 EASTERN MARKET DISTRICT IMPROVEMENTS
 MIDTOWN LOOP PHASE IV

SMITHGROUP JJR

201 DEPOT STREET
 SECOND FLOOR
 ANN ARBOR, MI 48104
 734.662.4457
 www.smithgroupjjr.com

RECONSTRUCTION OF
 WILKINS STREET BRIDGE,
 ADELAIDE STREET BRIDGE,
 DIVISION STREET BRIDGE &
 ALFRED STREET BRIDGE REMOVAL

WADETRIM

500 GRISWOLD AVENUE
 SUITE 2500
 DETROIT, MI 48226
 313.961.3650
 www.wadetrिम.com

HAMTRAMCK CONNECTOR

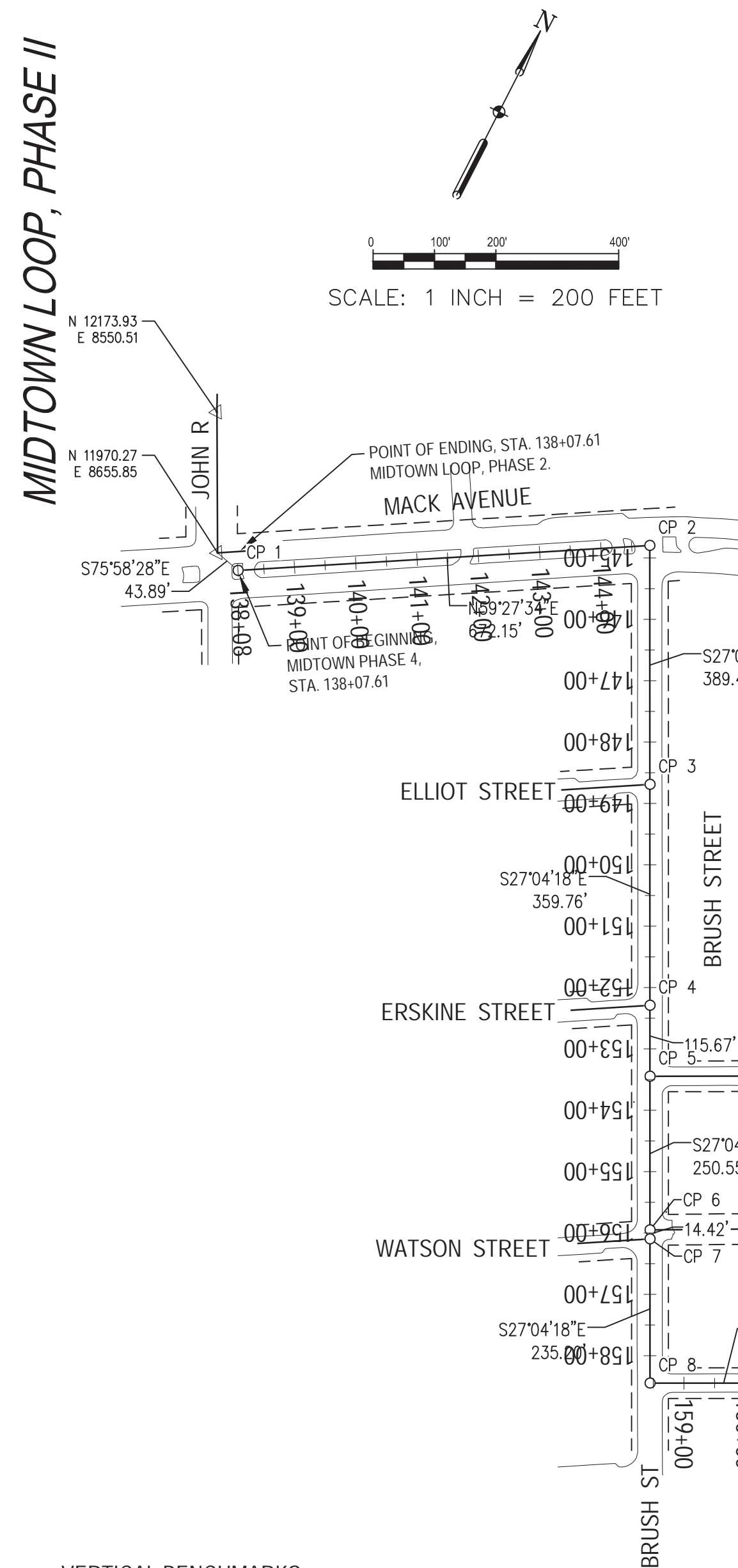


TRAFFIC ENGINEERING DIVISION
 2633 MICHIGAN AVENUE
 DETROIT, MI 48216
 www.detroitmi.gov

COMPOSITE HORIZONTAL ALIGNMENT PLAN

MIDTOWN LOOP PHASE IV, DEQUINDRE CUT PHASE II, EASTERN MARKET DISTRICT IMPROVEMENTS
BEING PART OF PRIVATE CLAIM 8 & 17, 90, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

MIDTOWN LOOP, PHASE II



SCALE: 1 INCH = 200 FEET

CONTROL POINT TABLE		
Point Number	Northing	Easting
1	11959.63	8698.43
2	12301.18	9277.34
3	11954.42	9454.57
4	11634.07	9618.30
5	11531.07	9670.94
6	11307.98	9784.97
7	11295.14	9791.53
8	11085.71	9898.57
9	11250.22	10220.62
10	11480.23	10670.93
11	11756.51	11211.79
12	11926.79	11567.53
13	12113.29	11934.02
14	12330.65	12318.09
15	12547.51	12735.62
16	12755.87	13142.79
17	12912.55	13448.96
18	14183.63	12800.44
19	11704.30	14065.42
20	15169.53	12297.42
21	8633.07	15632.40

CONTROL POINT TABLE		
Point Number	Northing	Easting
50	12541.48	12207.29
51	12329.52	12316.10
52	11118.24	12938.75
53	10946.09	13026.29
54	10910.49	13047.06
55	10873.62	12975.16
56	10864.49	13073.90
57	10704.50	13142.04
58	10559.78	13203.67
59	10912.13	13551.00
60	10910.11	13637.34
61	10935.44	13095.71
62	10977.47	13155.81
63	11055.12	13304.17
64	11206.08	13593.40
65	11331.67	13758.71
66	11228.42	13215.89
67	11268.16	13191.82
68	11252.36	13201.40
69	11236.10	13169.57
70	11331.12	13355.60
71	11497.39	13070.15

MIDTOWN LOOP, PHASE IV (MACK, BRUSH, WILKINS)

- VERTICAL BENCHMARKS:**
- 39-253 - BRASS DISC IN MONUMENT BOX; CHESTNUT/ DEQUINDRE RR (BRIDGE DECK) ELEVATION = 138.51 FEET (CITY OF DETROIT DATUM)
 - 39-252A - BRASS DISC IN MONUMENT BOX; WILKINS/ ST AUBIN STREET ELEVATION = 143.77 (CITY OF DETROIT DATUM)
 - 40-253 - BRASS DISC IN MONUMENT BOX; ALEXANDRINE/ ST AUBIN STREET ELEVATION = 145.19 FEET (CITY OF DETROIT DATUM)
 - 29-255A - BRASS DISC IN MONUMENT BOX; EDMUND PL/ JOHN R. ELEVATION = 136.52 FEET (CITY OF DETROIT DATUM)

CONTROL POINT WITNESSES

- CONTROL POINT 1 - PK NAIL IN ROAD**
- N26°W 46.7 FEET - LIGHT POLE ON NORTHEAST CORNER OF MACK AVE AND JOHN R. STREET
 - N72°W 8.9 FEET - LIGHT POLE IN MEDIAN
 - S77°E 5.0 FEET - LIGHT POLE IN MEDIAN
 - S31°E 48.0 FEET - LIGHT POLE ON SOUTHEAST CORNER OF MACK AVE AND JOHN R. STREET
- CONTROL POINT 2 - PK NAIL IN ROAD**
- N13°W 50.7 FEET - LIGHT POLE ON NORTH SIDE OF WESTBOUND MACK AVE
 - N52°E 14.3 FEET - LIGHT POLE IN MEDIAN
 - S57°W 46.0 FEET - LIGHT POLE IN MEDIAN
 - S53°E 61.8 FEET - LIGHT POLE ON SOUTHEAST CORNER OF MACK AVE AND BRUSH STREET
- CONTROL POINT 3 - PK NAIL IN ROAD**
- N10°W 12.7 FEET - CENTER OF MANHOLE
 - N61°W 41.1 FEET - LIGHT POLE ON NORTH CORNER OF ELIOT AND BRUSH STREET
 - S34°W 49.1 FEET - LIGHT POLE ON SOUTH CORNER OF ELIOT AND BRUSH STREET
 - S58°E 49.3 FEET - LIGHT POLE ON EAST SIDE OF BRUSH STREET
- CONTROL POINT 4 - PK NAIL IN ROAD**
- N44°W 43.2 FEET - LIGHT POLE ON EAST SIDE OF BRUSH STREET
 - N44°W 12.2 FEET - CENTER OF MANHOLE
 - S04°W 45.8 FEET - LIGHT POLE ON WEST SIDE OF BRUSH STREET
 - N89°E 23.6 FEET - LIGHT POLE ON EAST SIDE OF BRUSH STREET
- CONTROL POINT 5 - PK NAIL IN ROAD**
- N03°E 44.5 FEET - LIGHT POLE ON NORTHEAST CORNER OF ERSKINE AND BRUSH STREET
 - N30°W 35.7 FEET - CENTER OF MANHOLE
 - S85°E 35.0 FEET - LIGHT POLE ON THE SOUTHWEST CORNER OF ERSKINE AND BRUSH STREET
 - S03°W 44.9 FEET - LIGHT POLE ON WEST SIDE OF BRUSH STREET
- CONTROL POINT 6 - PK NAIL IN ROAD**
- N11°E 36.6 FEET - LIGHT POLE ON EAST SIDE OF BRUSH STREET
 - S82°W 8.9 FEET - CENTER OF MANHOLE
 - S19°W 52.9 FEET - LIGHT POLE ON SOUTHWEST CORNER OF WATSON AND BRUSH STREET
 - N88°E 26.0 FEET - CENTER OF STEAM MANHOLE
- CONTROL POINT 7 - PK NAIL IN ROAD**
- N56°E 23.6 FEET - CENTER OF STEAM MANHOLE
 - N48°W 44.1 FEET - CENTER OF MANHOLE
 - S33°W 44.6 FEET - SOUTHWEST CORNER OF WATSON AND BRUSH STREET
 - S02°E 53.9 FEET - LIGHT POLE ON WEST SIDE OF BRUSH STREET
- CONTROL POINT 8 - PK NAIL IN ROAD**
- N12°W 49.8 FEET - CENTER OF MANHOLE
 - N69°W 33.7 FEET - LIGHT POLE ON WEST SIDE OF BRUSH STREET
 - S82°W 25.0 FEET - CENTER OF COMMUNICATION MANHOLE
 - S66°E 37.7 FEET - LIGHT POLE ON SOUTHWEST CORNER OF WILKINS AND BRUSH STREET
- CONTROL POINT 9 - PK NAIL IN ROAD**
- N05°E 24.7 FEET - CENTER OF MANHOLE
 - N59°W 30.6 FEET - UTILITY POLE ON NORTHWEST CORNER OF BEAUBIEN AND WILKINS STREET
 - S29°W 40.9 FEET - LIGHT POLE ON SOUTH SIDE OF WILKINS STREET
 - N70°E 17.3 FEET - CENTER OF MANHOLE
- CONTROL POINT 10 - PK NAIL IN ROAD**
- N05°E 38.7 FEET - UTILITY POLE ON EAST SIDE OF ANTOINE STREET
 - S82°W 54.1 FEET - UTILITY POLE ON NORTH SIDE OF WILKINS STREET
 - S12°W 53.3 FEET - SOUTHWEST CORNER OF ANTOINE AND WILKINS STREET
 - S52°E 43.6 FEET - UTILITY POLE ON SOUTHWEST CORNER OF ANTOINE AND WILKINS STREET
- CONTROL POINT 11 - PK NAIL IN ROAD**
- N54°W 4.1 FEET - LIGHT POLE ON NORTH SIDE OF WILKINS STREET
 - N52°W 33.8 FEET - CENTER OF MANHOLE
 - S37°E 53.4 FEET - LIGHT POLE ON WEST SIDE OF CHRYSLER FREEWAY SERVICE DRIVE (SOUTH)
 - S14°W 44.6 FEET - UTILITY POLE ON WEST SIDE OF WILKINS STREET
- CONTROL POINT 12 - PK NAIL IN ROAD**
- N22°E 29.7 FEET - CURB INLET ON NORTH SIDE OF WILKINS STREET
 - S78°W 79.2 FEET - LIGHT POLE ON NORTH SIDE OF WILKINS STREET
 - S43°E 31.9 FEET - LIGHT POLE ON SOUTH SIDE OF WILKINS STREET
 - S25°W 92.5 FEET - LIGHT POLE ON WEST SIDE OF CHRYSLER FREEWAY SERVICE DRIVE (NORTH)
- CONTROL POINT 13 - PK NAIL IN ROAD**
- N55°W 47.0 FEET - LIGHT POLE ON NORTHWEST CORNER OF RIVARD AND WILKINS STREET
 - S81°W 70.1 FEET - LIGHT POLE ON NORTH SIDE OF WILKINS STREET
 - S02°E 52.7 FEET - UTILITY POLE ON SOUTH SIDE OF WILKINS STREET
 - N84°E 73.9 FEET - LIGHT POLE ON SOUTH SIDE OF WILKINS STREET
- CONTROL POINT 14 - PK NAIL IN ROAD**
- N15°E 44.5 FEET - CURB INLET ON EAST SIDE OF RUSSEL STREET
 - N60°W 57.3 FEET - CURB INLET ON WEST SIDE OF RUSSEL STREET
 - S08°W 63.8 FEET - UTILITY POLE ON WEST SIDE OF RUSSEL STREET
 - N85°E 44.6 FEET - SOUTH SIDE OF WILKINS STREET, EAST OF RUSSEL
- CONTROL POINT 15 - PK NAIL IN ROAD**
- N02°E 38.0 FEET - FIRE HYDRANT ON EAST SIDE OF RIOPELLE STREET
 - N68°W 51.4 FEET - UTILITY POLE ON WEST SIDE OF RIOPELLE STREET
 - S07°W 54.7 FEET - CATCH BASIN ON SOUTHWEST CORNER OF RIOPELLE AND WILKINS STREET
 - S64°E 50.4 FEET - UTILITY POLE ON SOUTHWEST CORNER OF RIOPELLE AND WILKINS STREET
- CONTROL POINT 16 - PK NAIL IN ROAD**
- N12°W 49.8 FEET - CENTER OF MANHOLE
 - N69°W 33.7 FEET - LIGHT POLE ON WEST SIDE OF BRUSH STREET
 - S82°W 25.0 FEET - CENTER OF COMMUNICATION MANHOLE
 - S66°E 37.7 FEET - LIGHT POLE ON SOUTHWEST CORNER OF WILKINS AND BRUSH STREET

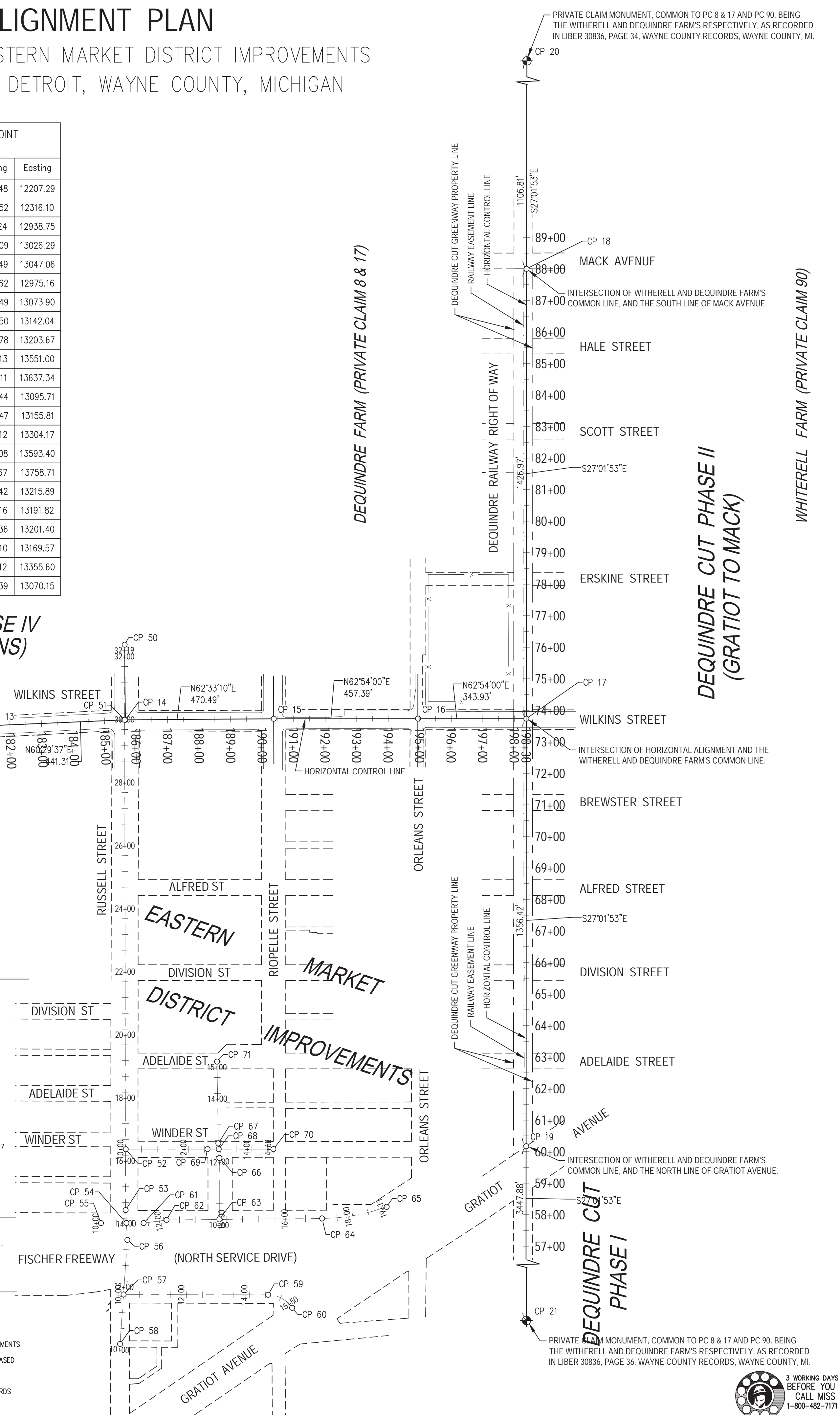
- CONTROL POINT 17 - (LOCATED ON BRIDGE DECK AND BELOW) ON BRIDGE DECK - PK NAIL IN BRIDGE**
- N10°E 79.7 FEET - CENTER OF MANHOLE
 - N81°E 99.0 FEET - UTILITY POLE ON SOUTH SIDE OF WILKINS ON BRIDGE DECK
 - S84°E 58.8 FEET - CENTER OF MANHOLE
 - S57°W 74.2 FEET - CENTER OF MANHOLE BELOW BRIDGE DECK - CAPPED IRON ROD
 - N31°E 47.9 FEET - NORTHEAST CORNER OF BRIDGE
 - S73°E 58.8 FEET - SOUTHWEST CORNER OF BRIDGE
 - S17°W 58.23 FEET - SOUTHWEST CORNER OF BRIDGE
 - N84°W 47.57 FEET - NORTHWEST CORNER OF BRIDGE
- CONTROL POINT 18 - CAPPED IRON ROD**
- N12°W 19.8 FEET - CENTER OF MANHOLE
 - N52°W 21.1 FEET - CENTER OF MANHOLE
 - N27°E 24.7 FEET - NORTHEAST CORNER OF BRIDGE
 - S28°W 9.7 FEET - BRIDGE SUPPORT COLUMN
- CONTROL POINT 19 - WAYNE COUNTY MONUMENT ON THE COMMON LINE OF PRIVATE CLAIM 8, 17 AND 90, AND THE CENTERLINE OF ALEXANDRINE STREET LATERALLY, RECORDED IN LIBER 30836, PAGE 34, WAYNE CO. REMON.**

NOTES

- FIELD MONUMENTS SET AT LOCATIONS INDICATED HEREON, ALONG WITH WITNESSES PROVIDED FOR MONUMENT LOCATION RECOVERY.

SURVEY LEGEND

- PRIVATE CLAIM MONUMENT - PROPERTY CONTROLLING CORNER
- HORIZONTAL ALIGNMENT POINT - TO BE FIELD MONUMENTED
- HORIZONTAL ALIGNMENT - COURSES BETWEEN FIELD SET MONUMENTS
- DEQUINDRE RAILROAD RIGHT-OF-WAY PERIMETER - AS PURCHASED
- EASEMENT SEPARATING RR OPERATION FROM TRAIL
- PUBLIC RIGHT-OF-WAY, ACCORDING TO CITY OF DETROIT RECORDS



**LINK! DETROIT
TIGER 2012**
Dequindre Cut Phase II Greenway
Midtown Loop Phase IV Greenway
Eastern Market District
Improvements
Detroit, Michigan

Owners:

City of Detroit

SMITHGROUP JJR
201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

50% CONSTRUCTION DOCUMENTS 01 11-05-2012

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	2	MAY 21 13
BIDDING DOCUMENTS	1	MAY 02 13
100% CONSTRUCTION DOCUMENTS	0	APR 01 13

SEALS AND SIGNATURES

KEY PLAN

PROJECT NORTH

DRAWING TITLE
HORIZONTAL ALIGNMENT PLAN

SCALE: 1"=200'

PROJECT NUMBER
G0.2

DRAWING NUMBER
2 of 497

3 WORKING DAYS BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171

ABBREVIATIONS

Table with columns A, E, I, M, Q, U, Y. Abbreviations include ADA, APPROX, ADJ, AASHTO, ASTM, EA, EASE, EJ, EL/ELEV, EQ, EW, EX/EXIST, INCL, INV, ME, MAX, MH, MIN, MISC, MRKG, QTY, UE.

Table with columns B, F, J, N, R, V, Z. Abbreviations include B&B, BC, BF, BLDG, BM, BOC, BS, BW, FFE, FG, FOC, FT, FURN, NA, NTS, NE, NW, N.I.C., N, NE, NW, ROW, REINF, REM, RIM, R/RT, RCP, STA, STM, STR, SW, SYD, SYM, WM, W, WT.

Table with columns C, G, K, O, S, W. Abbreviations include CAL, CB, CI, CL, CL, COM, CONC, CONT, CONT, CP, CTV, CYD, G, GALV, GB, GPM, OD, OFF, OPER, OH, OC, OVLY, S, SALV, SAN, SE, SFT, SPEC, SPD, SS, STA, STM, STR, SW, SYD, SYM, WM, W, WT.

Table with columns D, H, L, P, T, X. Abbreviations include DET, DIA, DIP, DR, DST, DT, DWSD, HH, HP, HT, HYD, LB, LF, LLH, LLV, LP, LS, LONGIT, L/LT, PAVT, PL, PLD, PSI, TC, T/CONC, T/GB, TEMP, TF, THERMOPL, TR, TS, TYP, TW.

MAINTENANCE OF TRAFFIC NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.

ALL GREENWAY AND STREETSCAPE PROJECTS

- 1. THE CONSTRUCTION INFLUENCE AREA (CIA) SHALL INCLUDE THE AREA WITHIN THE RIGHT-OF-WAY OF THE CONSTRUCTION LIMITS...
2. PROVIDE ALL NECESSARY PROTECTION MEASURES INCLUDING ALL NECESSARY FENCING, BARRICADES, SIGNAGE...
3. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD)...
4. TRAFFIC ON PUBLIC ROADS SHALL NOT BE OBSTRUCTED EXCEPT AS AUTHORIZED BY PERMIT...
5. CONTRACTOR SHALL PROVIDE MOT PLANS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO INSTALLING, MODIFYING...
6. PROVIDE TRAFFIC CONTROL AND APPROPRIATE SIGNAGE TO MAINTAIN A MINIMUM OF ONE VEHICULAR TRAVEL LANE...
7. NOTIFY THE ENGINEER, AND THE LOCAL POLICE AND FIRE DEPARTMENTS PATROLLING THE CIA...
8. MAINTAIN ACCESS TO ADJACENT PROPERTIES AT ALL TIMES DURING CONSTRUCTION...
9. ADDITIONS AND MODIFICATIONS TO THE MOT PLANS SHALL BE PROVIDED AS REQUESTED BY THE ENGINEER...
10. COORDINATE ALL CONSTRUCTION ACTIVITIES, INCLUDING HOURS OF OPERATION WITH THE CITY OF DETROIT...
11. TRUCK HAUL ROUTES TO BE SUBMITTED FOR REVIEW AND APPROVAL TO CITY OF DETROIT...
12. SUPPLY, ERECT AND MAINTAIN TEMPORARY CONSTRUCTION FENCING AND BARRICADES AS REQUIRED...
13. ALL SOIL, MISCELLANEOUS DEBRIS, OR OTHER MATERIALS SPILLED, DUMPED, OR OTHERWISE DEPOSITED...
14. COORDINATE AND MODIFY MOT PLANS AS REQUIRED WITH ALL ADJACENT CONSTRUCTION PROJECTS...
15. ALL EXISTING TRAFFIC SIGNALS AND POLES LOCATED WITHIN THE CIA SHALL NOT BE DISTURBED...
16. PRIOR TO OPENING UP CONSTRUCTION AREAS TO TRAFFIC ENSURE UTILITY STRUCTURE ELEVATIONS ARE SAFE...
17. PRIOR TO OPENING UP CONSTRUCTION AREAS TO PEDESTRIAN CIRCULATION ENSURE A SAFE AND CLEARLY DEFINED PATHWAY...
18. PRIOR TO LEAVING THE CONSTRUCTION SITE AT THE END OF EVERY WORK DAY...
19. COORDINATE MOT PLANS WITH THE IDENTIFIED CONSTRUCTION DATES FOR THE VARIOUS WORK ZONES...

SURVEY NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.

DEQUINDRE CUT GREENWAY PH. II

- 1. THE TOPOGRAPHIC SURVEY ILLUSTRATED HEREON, HAS BEEN PREPARED FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS...
2. THE HORIZONTAL DATUM IS BASED UPON A LOCAL COORDINATE SYSTEM, WITH ALIGNMENT POINTS SET IN THE FIELD...
3. THE VERTICAL DATUM IS ACCORDING TO THE CITY OF DETROIT BENCHMARK SYSTEM...
4. THE HORIZONTAL ALIGNMENT POINTS, ILLUSTRATED HEREON, ARE SET IN THE FIELD...
5. THIS SURVEY LIMITS ARE BASED UPON A LEGAL SURVEY COMPLETED IN 2008...
6. UNDERGROUND UTILITIES ARE ILLUSTRATED BASED ON LOCATION OF ABOVE GRADE STRUCTURES...
7. UNDERGROUND UTILITIES INACCESSIBLE TO THE FIELD CREW DUE TO STRUCTURE COVER BEING BOLTED...

EASTERN MARKET DISTRICT IMPROVEMENTS

- 1. SPALDING D&DECKER ASSOCIATES, INC. (SDA) HAS PERFORMED THIS TOPOGRAPHICAL SURVEY TO BE USED FOR THE DESIGN OF STREETSCAPE...
2. MANY OF THE CATCH BASINS ARE DESIGNED WITH A TRAP CONNECTION AND ARE THEREFORE FULL OF WATER...
3. AT THE TIME OF OUR INITIAL RELEASE OF THESE DRAWINGS, WE HAVE NOT YET RECEIVED UTILITY RECORDS...
4. THE MAJORITY OF THIS OVERALL AREA WAS INITIALLY SURVEYED IN 2008... SUBSEQUENT TO THE INITIAL SURVEY...

MIDTOWN LOOP GREENWAY PH. IV

- 1. THE TOPOGRAPHIC SURVEY ILLUSTRATED HEREON, HAS BEEN PREPARED FOR THE PURPOSE OF DOCUMENTING EXISTING CONDITIONS...
2. THE HORIZONTAL DATUM IS BASED UPON A LOCAL COORDINATE SYSTEM...
3. THE VERTICAL DATUM IS ACCORDING TO THE CITY OF DETROIT BENCHMARK SYSTEM...
4. THE HORIZONTAL ALIGNMENT POINTS, ILLUSTRATED HEREON, ARE SET IN THE FIELD...
5. THIS SURVEY DOES NOT CONSTITUTE A LEGAL SURVEY DELINEATING OWNERSHIP OR DEMARCATION...
6. UNDERGROUND UTILITIES ARE ILLUSTRATED BASED ON LOCATION OF ABOVE GRADE STRUCTURES...
7. UNDERGROUND UTILITIES INACCESSIBLE TO THE FIELD CREW DUE TO STRUCTURE COVER BEING BOLTED...

MDOT ROW PERMIT

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.

ALL GREENWAY AND STREETSCAPE PROJECTS

- 1. AN MDOT RIGHT-OF-WAY PERMIT FOR CONSTRUCTION WITHIN MDOT RIGHT-OF-WAYS HAS BEEN OBTAINED...
2. MDOT PERMIT IS PROVIDED FOR THE FOLLOWING AREAS:
a. DEQUINDRE CUT PH. II - CONSTRUCTION ADJACENT TO THE BRIDGE AT GRATIOT AVE. (M-3)
b. MIDTOWN LOOP PH. IV - CONSTRUCTION AT THE BRIDGE OVER I-75 ON WILKINS AVENUE...
c. EASTERN MARKET - FISHER FWY, NORTH SERVICE DRIVE (I-75)
d. EASTERN MARKET - FISHER FWY, SOUTH SERVICE DRIVE (I-75)
e. EASTERN MARKET - INTERSECTION OF FISHER FWY, NORTH SERVICE DRIVE (I-75) AND RUSSELL ST - NO IMPROVEMENTS TO EXTEND ONTO THE BRIDGE.

LINK! DETROIT TIGER 2012

Dequindre Cut Phase II Greenway
Midtown Loop Phase IV Greenway
Eastern Market District Improvements
Detroit, Michigan



Owners:



City of Detroit

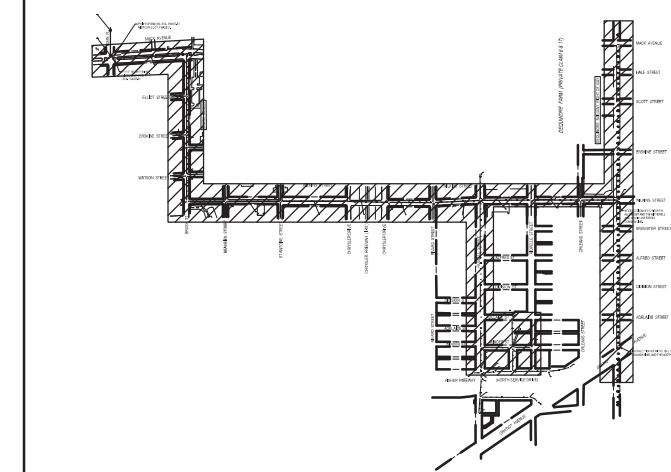
SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

Table with columns ISSUED FOR, REV, DATE. Includes entries for 100% CONSTRUCTION DOCUMENTS.

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

GENERAL NOTES - 1

GRAPHIC SCALE

TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
24708.003/50565.000/50572.000
PROJECT NUMBER

DRAWING NUMBER

SHEET 3 OF 497

N/A
G0.3



PAVING AND MATERIALS NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.)

ALL GREENWAY AND STREETSCAPE PROJECTS

- NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN THE PLANS AND SITE CONDITIONS IN ADVANCE OF THE CONSTRUCTION ACTIVITIES AND INSTALLATION OF SITE ELEMENTS.
- REFER TO SIGNAGE AND STRIPING PLANS FOR SIGNAGE AND PAVEMENT STRIPING / MARKING.
- REFER TO LAYOUT PLANS FOR DIMENSIONS AND LOCATIONS OF SITE FURNISHINGS.
- REFER TO ELECTRICAL PLANS FOR PEDESTRIAN LIGHTING AND ELECTRICAL IMPROVEMENTS.
- ADA SIDEWALK, RAMPS TO BE "NO COLOR", 6 INCH THICK CONCRETE WITH MEDIUM BROOM FINISH.
- REFER TO JOINTING PLANS FOR JOINTING LAYOUT AND PAVEMENT THICKNESS.
- CRUSHED CONCRETE WILL NOT BE ACCEPTED AND SHALL NOT BE USED FOR ANY OF THE AGGREGATE MATERIALS.
- ONCE WORK ON THE HMA PAVEMENT FOR A ROAD IS BEGUN, THE CONTRACTOR SHALL MAINTAIN A CONTINUOUS OPERATION UNTIL THE WORK IS COMPLETE. TOP COURSE HMA SHALL BE PLACED ONLY AFTER ALL BASE REPAIRS, CONCRETE CURB REMOVALS AND REPLACEMENT, STRUCTURE ADJUSTMENT AND REPAIRS ARE COMPLETED. ALL MILLED PAVEMENT SURFACES SHALL BE COMPLETELY RESURFACED WITH LEVELING AND TOP COURSES BEFORE THE SEASONAL SHUTDOWN FOR THE WINTER.

DEQUINDRE CUT GREENWAY PH. II

- SHARED USED PATH DESIGNED PER AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES (1999) - DESIGN SPEED 20 MPH.
- ALL PERMANENT IMPROVEMENTS SHALL BE LOCATED WITHIN THE 60' WIDE GREENWAY PROPERTY. WILKINS STREET EASEMENT OR PUBLIC RIGHT-OF-WAY. TEMPORARY GRADING EASEMENTS WILL BE OBTAINED BY THE CITY OF DETROIT FOR CLEARING, EXCAVATION OF SLOPE, ENCROACHMENTS, LITTER AND DEBRIS REMOVAL AND ASSOCIATED RESTORATION MEASURES FOR ALL WORK ON ADJACENT PRIVATE PROPERTIES.

EASTERN MARKET DISTRICT IMPROVEMENTS

- LAYOUT OF EXPOSED AGGREGATE CONCRETE TO BE FIELD APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. AREAS AND LIMITS OF THE EXPOSED AGGREGATE CONCRETE ARE SHOWN ON THE PLAN FOR QUANTITY DEFINITION ONLY. ALIGNMENT AND PLACEMENT OF EXPOSED AGGREGATE CONCRETE WILL BE FIELD CONFIRMED BY THE ENGINEER.

MIDTOWN LOOP GREENWAY PH. IV

- LAYOUT OF INTEGRAL COLOR CONCRETE AND ACID STAIN CONCRETE TO BE FIELD APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. AREAS AND LIMITS OF THE VARIOUS PAVEMENT TYPES SHOWN ON PLANS ARE FOR QUANTITY DEFINITION ONLY. ALIGNMENT AND PLACEMENT OF CONCRETE WILL BE FIELD CONFIRMED BY OWNER'S THE ENGINEER.

CONCRETE PAVEMENT FINISHES

PAY ITEM	DEQUINDRE CUT PH. II FINISH	EASTERN MARKET DISTRICT IMPROVEMENTS FINISH	MIDTOWN LOOP PH. IV FINISH
_SIDEWALK, CONC, ___ INCH, MODIFIED	LIGHT BROOM FINISH	LIGHT BROOM FINISH	LIGHT ETCH FINISH
_CONC PAVT, MISC, 9 INCH, REINF, MODIFIED	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH
_SIDEWALK, INTEGRAL COLOR CONC, ____, ____, MODIFIED			LIGHT ETCH FINISH
_SIDEWALK, EXPOSED AGGREGATE, ____, ____, ____,		MEDIUM EXPOSURE	
_CHEMICALLY STAINED COLORED CONCRETE, ____, ____,			LIGHT ETCH FINISH
_SIDEWALK RAMP, ADA, MODIFIED	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH
_INTEGRAL CURB AND SIDEWALK, 2 FEET MODIFIED	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH
_CURB, CONC, SEPARATE, 6 INCH, MODIFIED	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH
_CURB, CONC, MOUNTABLE, 2 FEET, MODIFIED		MEDIUM BROOM FINISH	
_CURB, CONC, FLUSH, 2 FEET, MODIFIED		MEDIUM BROOM FINISH	
DRIVEWAY OPENING, CONC, DET M		MEDIUM BROOM FINISH	
_CURB, CONC, ISLAND			MEDIUM BROOM FINISH
_RETAINING WALL, CONC	SMOOTH FORM FINISH		
_RETAINING WALL, CONC, COLUMN	SMOOTH FORM FINISH		
_FROST SLAB		LIGHT BROOM FINISH	
_STEPS, CONC, MODIFIED	MEDIUM BROOM FINISH	MEDIUM BROOM FINISH	
_RAMP, CONC		MEDIUM BROOM FINISH	
_RAILING STRIP, CONC	MEDIUM BROOM FINISH		

HMA PAVEMENT APPLICATIONS

PAY ITEM	APPLICATION	BASE	HMA MIX AND DEPTH
HAND PATCHING	REPLACEMENT OF ROAD PAVEMENT	CONC.	1 1/2" HMA, 4E3 (WEARING COURSE) 1 1/2" HMA, 4E3 (BASE COURSE)
HMA, 4E3	REPLACEMENT OF ROAD PAVEMENT IN AREAS EQUAL TO OR WIDER THAN 12 FT.	CONC.	1 1/2" HMA, 4E3 (WEARING COURSE) 1 1/2" HMA, 4E3 (BASE COURSE)
SHARED USE PATH, HMA	DEQ. CUT GREENWAY PATH	AGGREGATE BASE, 21 AA	1 1/2" HMA, 36A (WEARING COURSE) 2 1/2" HMA, 13A (BASE COURSE)

LAYOUT NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.)

ALL GREENWAY AND STREETSCAPE PROJECTS

- HORIZONTAL CONTROL IS DETERMINED BY STATION OFFSET FROM THE PROJECT STATION CENTER LINE. REFER TO THE HORIZONTAL ALIGNMENT PLANS, FOR THE HORIZONTAL CONTROL POINTS AND STATIONING CENTER LINE REFERENCES.
- DIGITAL FILES TO BE MADE AVAILABLE TO THE SELECTED CONTRACTOR FOR CONTRACTOR STAKING REFERENCE; THE HARDCOPY OF THE BID DOCUMENTS TAKE PRECEDENCE AND SHALL BE THE OVERRIDING DOCUMENT FOR LAYOUT CONTROL.
- NOTIFY THE ENGINEER OF ANY LAYOUT DISCREPANCIES FOR SUPPLEMENTAL DIRECTIONS.
- ALL DIMENSIONS ARE FROM BACK OF CURB, EDGE OF PAVEMENT, OR CENTER OF FIXTURE UNLESS OTHERWISE NOTED.
- THE LAYOUT AND ORIENTATION OF ALL PROPOSED SITE IMPROVEMENTS INCLUDING SITE FURNISHINGS AND SIGNAGE LOCATIONS SHALL BE FIELD APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. LOCATION AND ORIENTATION CHANGES WILL BE PROVIDED AT NO ADDITIONAL COST.

DEQUINDRE CUT GREENWAY PH. II

- FOR ORIENTATION OF BIKE RACKS REFER TO DETAIL 1 ON SHEET D-C2.8.
- FENCE ALIGNMENT TO BE ACCURATELY SURVEYED AND LOCATED ON THE EASEMENT LINE BETWEEN THE GREENWAY AND THE RAILROAD EASEMENT.

MIDTOWN LOOP GREENWAY PH. IV

- FOR ORIENTATION OF BIKE RACKS REFER TO DETAIL 2 ON SHEET M-C5.5.

PAVEMENT JOINTING NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.)

ALL GREENWAY AND STREETSCAPE PROJECTS

- NOTIFY ENGINEER OF ANY LAYOUT DISCREPANCIES SHOWN ON THIS PLAN FOR SUPPLEMENTAL DIRECTIONS PRIOR TO PROCEEDING WITH CONSTRUCTION.
- ALL DIMENSIONS ARE FROM BACK OF CURB, EDGE OF PAVEMENT, OR CENTER OF FIXTURE UNLESS OTHERWISE NOTED.
- THERE SHALL BE 1/2" SEALED EXPANSION JOINT AT ALL CURB/SIDEWALK, BUILDING/SIDEWALK LIGHT POLE, OR ANY OTHER FIXED OBJECTS (I.E. EXISTING PAVEMENT, WALLS, POLES, FOUNDATIONS), JOINTING PLANS DO NOT SHOW EVERY REQUIRED SEALED EXPANSION JOINT.
- CONTROL JOINTS AND SEALED EXPANSION JOINTS IN CURBS TO ALIGN WITH CONTROL JOINTS AND SEALED EXPANSION JOINTS IN THE ADJACENT SIDEWALK.
- CONTROL JOINTS AND SEALED EXPANSION JOINTS AT DRIVEWAY AND ALLEY APPROACHES SHALL ALIGN WITH ADJACENT CURB RETURNS.
- CONTROL JOINTS AND SEALED EXPANSION JOINTS TO ALIGN WITH ADJACENT PAVEMENT, CURBS, WALLS, ETC UNLESS OTHERWISE NOTED ON THE PLANS. ALIGN JOINTS PERPENDICULAR TO PAVEMENT EDGE AND ALIGN WITH CENTER POINTS OF ARCS, AS SHOWN.

EASTERN MARKET DISTRICT IMPROVEMENTS

- REFER TO PAVING & MATERIALS SERIES E-C1.0-E-C1.5 FOR LOCATIONS OF EXPOSED AGGREGATE CONCRETE.
- CONTROL AND EXPANSION JOINTS IN SIDEWALKS TO BE ALIGNED VERTICALLY AND HORIZONTALLY WITH THE OUTSIDE EDGE OF THE GRADE BEAM FOR UNDERGROUND VAULTS. REFER TO VAULT ENLARGEMENTS AND DETAILS E-C5.8-E-C5.10.

MIDTOWN LOOP GREENWAY PH. IV

- CHAMFERED CONTROL JOINTS TO BE LAID OUT PER PLANS AND CUT TO ENSURE UNIFORM ARC AND JOINT DEPTH. THE ARC JOINTS SHALL BE LOCATED SUCH THAT TRIANGULAR SECTIONS OF THE CONCRETE SIDEWALK ARE NOT LESS THAN 18" ON ANY GIVEN SIDE. CONTRACTOR SHALL UTILIZE A FORM OR GUIDE TO CUT UNIFORM ARC JOINTS TO THE RADIUS DIMENSIONS IDENTIFIED ON THE PLAN. ARC JOINTS ARE TO BE SAWCUT TO A TRUE EVEN CONTINUOUS RADIUS WITHOUT IRREGULARITIES.
- CONTROL JOINTS AND SEALED EXPANSION JOINTS IN CONCRETE PAVEMENT IN THE ROADWAY OF BRUSH STREET, STA. 145+24, TO WILKINS STREET, STA. 162+67, SHALL ALIGN WITH THE EXISTING JOINTS IN THE ROADWAY AND MAY NOT ALIGN WITH THE JOINTS IN THE ADJACENT CURB. CONTROL JOINTS AND SEALED EXPANSION JOINTS SHOWN ON THE PLANS FOR THIS AREA ARE SHOWN TO ILLUSTRATE THE DESIGN INTENT AND SHALL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION ACTIVITIES.
- REFER TO PAVING AND MATERIALS PLANS M-C1.0 TOM-C1.11 FOR LOCATIONS OF INTEGRAL COLOR CONCRETE AND CHEMICALLY STAINED CONCRETE.

JOINT SPACING

(JOINT SPACING SHALL BE PROVIDED AS INDICATED BELOW UNLESS NOTED OTHERWISE ON THE PLANS.)

	MAXIMUM SPACING
CONTROL JOINTS IN SIDEWALKS, CURBS, WALLS, ETC.	10'-0"
CONTROL JOINTS IN CONC. PAVEMENT FOR PARKING AREAS AND ROADS	15'-0"
SEALED EXPANSION JOINTS IN SIDEWALKS AND WALLS	60'-0"
SEALED EXPANSION JOINTS IN CURBS	120'-0"
SEALED EXPANSION JOINTS IN CONC. PAVEMENT FOR PARKING AREAS AND ROADS	120'-0"

SIDEWALK RAMP, ADA, MODIFIED NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.)

ALL GREENWAY AND STREETSCAPE PROJECTS

- PRIOR TO CONSTRUCTION, CONFIRM FIELD CONDITIONS OF THE PROPOSED GEOMETRY AND GRADE ELEVATIONS FOR ALL PROPOSED RAMP DESIGNS FOR ENGINEER REVIEW AND APPROVAL. PRIOR TO PROCEEDING WITH CONSTRUCTION OF SIDEWALK RAMPS, CONTRACTOR TO ENSURE COMPLIANCE WITH ALL REQUIREMENTS IDENTIFIED IN THE STANDARD MDOT DETAIL "SIDEWALK RAMPS AND DETECTABLE WARNING DETAILS" R-28-H (LATEST EDITION). OBTAIN APPROVAL FROM ENGINEER AND CITY INSPECTOR PRIOR TO PROCEEDING WITH CONSTRUCTION.
- STATION OFFSET POINTS AND DIMENSIONS SHOWN ON THE LAYOUT PLANS SHALL BE USED AS REFERENCE POINTS TO LOCATE AND CONFIRM THE GEOMETRIC LAYOUT OF THE RAMPS. THE PARTICULAR MDOT SIDEWALK RAMP TYPE IS IDENTIFIED ON THE PAVING AND MATERIALS PLANS. A CHANGE IN THE GEOMETRIC LAYOUT OR A CHANGE TO A DIFFERENT RAMP TYPE SHALL BE APPROVED BY THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
- THE SPOT ELEVATIONS INDICATED FOR THE RAMPS ON THE GRADING PLANS ARE REFERENCE POINTS THAT SHOULD BE USED TO TIE INTO THE PROPOSED GRADE ELEVATIONS OF THE ADJACENT PAVEMENT AND SITE IMPROVEMENTS. THE PROPOSED RAMP DESIGNS MAY REQUIRE MINOR GRADE ADJUSTMENTS TO CONFORM TO THE ACTUAL FIELD CONDITIONS AND TO COMPLY WITH REQUIRED STANDARDS. VERIFY AND ADJUST WHERE REQUIRED THE GRADE ELEVATIONS TO ENSURE COMPLIANCE WITH MDOT STANDARDS. THAT THE BOTTOM OF THE RAMP HAS POSITIVE DRAINAGE AWAY FROM THE RAMP AND THAT IT IS COORDINATED WITH THE ADJACENT LONGITUDINAL GUTTER SLOPE SHOWN ON THE GRADING PLANS.
- ANY REQUIRED DEVIATIONS FROM LOCATION POINTS, ELEVATIONS, AND/OR RAMP TYPE SHALL BE IDENTIFIED FOR REVIEW AND APPROVAL BY THE ENGINEER.
- ADJACENT PAVEMENT JOINTING SHALL BE COORDINATED, REVIEWED, AND APPROVED PRIOR TO THE CONSTRUCTION OF THE RAMPS. WHERE APPLICABLE COORDINATE PAVEMENT JOINTING WITH THE LANDING GEOMETRY.
- FOLLOWING RAMP CONSTRUCTION THE INSTALLED RAMP WILL BE INSPECTED BY THE CITY OF DETROIT FOR VERIFICATION OF COMPLIANCE WITH MDOT STANDARDS AND REQUIREMENTS. ALL NON-COMPLIANT RAMPS IDENTIFIED SHALL BE IMMEDIATELY REMOVED AND REPLACED AT NO ADDITIONAL COST UNTIL THE RAMP IS IN COMPLIANCE WITH MDOT REQUIREMENTS AND STANDARDS.
- PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT TO INSTALL SIDEWALK RAMPS IN ALL LOCATIONS SHOWN THAT SATISFY ALL MDOT REQUIREMENTS.

LINK! DETROIT

TIGER 2012

Dequindre Cut Phase II Greenway
Midtown Loop Phase IV Greenway
Eastern Market District
Improvements
Detroit, Michigan



Owners:



City of Detroit

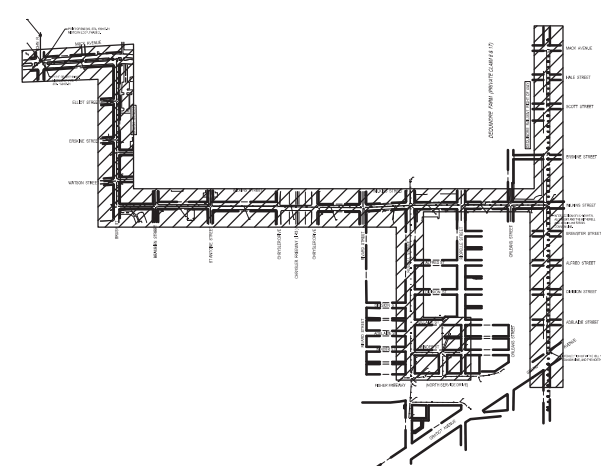
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ISSUED FOR	REV	DATE
100% CONSTRUCTION DOCUMENTS	0	APR.01.13

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

GENERAL NOTES - 3

GRAPHIC SCALE TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
24708.003/50565.000/50572.000
PROJECT NUMBER

DRAWING NUMBER

SHEET 5 OF 497



LANDSCAPE NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.

ALL GREENWAY AND STREETScape PROJECTS

- ENGINEER WILL REVIEW PLANT MATERIAL AND RESERVES THE RIGHT TO REJECT ANY MATERIAL THAT DOES NOT MEET THE SPECIFICATIONS OR DESIGN REQUIREMENTS OF THE PROJECT. PLANTS INSTALLED THAT DO NOT COMPLY WITH SPECIFICATIONS TO BE IMMEDIATELY REMOVED.
- ALL MATERIAL SUPPLIED FOR AN INDIVIDUAL ITEM ON THE PLANT LIST SHALL MATCH SIZE, SHAPE, FORM, AND NOTED COMMENTS. IN ADDITION THE PLANT MATERIAL SHALL CONFORM TO THE SPECIFICATIONS AND SUPPLEMENTARY REQUIREMENTS IN THE SPECIAL PROVISION.
- ENGINEER SHALL REVIEW PLACEMENT OF PLANT MATERIAL PRIOR TO INSTALLATION, AND RESERVES THE RIGHT TO ADJUST LAYOUT TO ACCOMMODATE SITE CONDITIONS AND DESIGN INTENT AT NO ADDITIONAL COST. ALL PLANTINGS SHALL BE INSTALLED IN A LOGICAL SEQUENCE WITHIN THE SAME PLANTING TIME FRAME. IF THE PLANT MATERIAL IS INSTALLED WITHOUT PRIOR APPROVAL THE ENGINEER RESERVES THE RIGHT TO REQUEST LAYOUT ADJUSTMENTS AT NO ADDITIONAL COST.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT PLANTS AND ENSURE HEALTH AND PLANT QUALITY DURING SHIPMENT, HANDLING, INSTALLATION AND ESTABLISHMENT.
- ALL LANDSCAPE BEDS SHALL RECEIVE 12" OF PLANTING MIX UNLESS NOTED OTHERWISE.
- ALL PLANTINGS SHALL RECEIVE A MIN. OF 2" OF COMPOSTED DOUBLE PROCESSED SHREDDED HARDWOOD BARK MULCH. WHERE LANDSCAPE BEDS MEET PAVEMENTS OR LAWNS, CUT THE GRADE TO ALLOW FOR MULCH AND 1" DROP FROM THE ADJOINING FINISH GRADE. KEEP MULCH 4" FROM TREE TRUNKS AND SHRUB CROWNS.
- ALL DISTURBED SEEDING AREAS SHALL RECEIVE A MINIMUM OF 4" DEEP TOPSOIL. TOPSOIL THAT WAS SALVAGED DURING DEMOLITION/SITE PREPARATION CAN BE RE-USED, HOWEVER IT MUST MEET OR EXCEED THE TOPSOIL REQUIREMENTS IN THE SPECIAL PROVISION. ADDITIONAL TOPSOIL REQUIRED SHALL BE PROVIDED BY THE CONTRACTOR FROM OFF SITE SOURCES.
- OUTER LIMITS OF SEEDING ARE APPROXIMATE WHEN SEEDING IS NOTED ON THE PLANS, IT SHALL APPLY TO ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES, EVEN IF THESE ACTIVITIES EXTEND BEYOND THE SEEDING LIMITS APPROXIMATED. CONTRACTOR SHALL FIELD VERIFY ALL SEEDING LIMITS WITH ENGINEER.
- MINIMIZE CULTIVATION WITHIN THE DRIP LINES OF EXISTING TREES. PREPARE SOIL FOR SEEDING AREAS BY MINIMIZING DISTURBANCE TO 4 INCH DEPTH. HAND CULTIVATE WHEN ENCOUNTERING ROOTS. NO HEAVY EQUIPMENT ALLOWED WITHIN DRIPLENE OF EXISTING TREES.
- ALL SHRUB/PERENNIAL BEDS SHALL HAVE LANDSCAPE EDGING EXCEPT ALONG PAVEMENT. CONTRACTOR SHALL MARK BED EDGES WITH MARKER PAINT PRIOR TO INSTALLATION FOR APPROVAL BY ENGINEER. ALL LANDSCAPE EDGING SHALL BE INSTALLED AS SHOWN ON DRAWINGS AND SHALL BE STRAIGHT, CONSISTENT, WITH EVEN RADIUS/CURVES AND FREE OF IRREGULARITIES IN ALIGNMENT.

DEQUINDRE CUT GREENWAY PH. II

- REFER TO SHEET D-4.2.0 FOR PLANTING DETAILS.
- CONTRACTOR TO FIELD PAINT ALL SEEDING LIMITS AND TRANSITIONS BETWEEN DIFFERENT TYPES OF SEED FOR ENGINEER APPROVAL PRIOR TO SEEDING OPERATIONS. ENGINEER RESERVES THE RIGHT TO ADJUST LAYOUT TO ACCOMMODATE SITE CONDITIONS AND DESIGN INTENT AT NO ADDITIONAL COST TO THE OWNER.
- MULCH BLANKET SHALL BE INSTALLED AS A PERMANENT EROSION CONTROL MEASURE ON SLOPES IDENTIFIED ON DEMOLITION AND EROSION CONTROL PLANS, SHEETS D-D1.1 TO D-D1.6.

EASTERN MARKET DISTRICT IMPROVEMENTS

- REFER TO SHEET E-L2.0 FOR PLANTING DETAILS.
- PLANT MATERIAL FOR 30 INCH, 36 INCH, AND 48 INCH PLANTERS SHALL BE PROVIDED AND INSTALLED BY OTHERS. PLANTING MIX TO BE PROVIDED AND INSTALLED BY CONTRACTOR.

MIDTOWN LOOP GREENWAY PH. IV

- LANDSCAPE IMPROVEMENTS ARE ONLY ON AREAS B AND E THROUGH K (SHEETS M-L1.2, M-L1.5-M-L1.11). NO LANDSCAPE WORK IS REQUIRED ON AREAS A, C, OR D.
- REFER TO SHEET M-L1.12 FOR PLANTING DETAILS.
- EXISTING PLANT MATERIALS ARE TO REMAIN AND SHALL BE PRUNED TO ENHANCE THE NATURAL FORM OF THE SPECIES. CONTRACTOR SHALL REVIEW PRUNING PROCEDURE AND CONFIRM WITH ENGINEER PRIOR TO STARTING WORK. PRUNED MATERIALS SHALL BE DISPOSED OF OFF-SITE. PRUNING SHALL BE PROVIDED AS INCIDENTAL TO LANDSCAPE PAY ITEMS.

IRRIGATION NOTES

(THE FOLLOWING NOTES SHALL APPLY TO THE SPECIFIC PROJECT(S) AS IDENTIFIED IN THE TITLE ABOVE THE NOTE SECTIONS.

MIDTOWN LOOP GREENWAY PH. IV

- IRRIGATION WORK ONLY APPLIED TO AREAS A, B AND E THROUGH K (SHEETS M-H1.1, M-H1.2, M-H1.5 TO M-H1.11). NO IRRIGATION WORK ON AREAS C OR D.
- IRRIGATION PAY ITEM "IRRIGATION SYSTEM" INCLUDES THE ENTIRE IRRIGATION SYSTEM, ALL EQUIPMENT, LABOR, MATERIALS AND ALL INCIDENTAL ITEMS TO PROVIDE A COMPLETE TURN KEY OPERATIONAL SYSTEM.
- SECURE AND COMPLY WITH ALL REQUIREMENTS OF ALL PERMITS REQUIRED FOR THIS WORK.
- REFER TO UTILITY DRAWINGS M-C7.1 TO M-C7.11 FOR DRINKING FOUNTAIN LINE LOCATIONS.
- REFER TO ELECTRICAL PLANS FOR POWER CONNECTIONS.
- ELECTRICAL SERVICE AVAILABLE IS 240 VOLT. INCLUDE COST OF A STEP-DOWN TRANSFORMER AT ALL ELECTRICAL POWERED CONTROLLERS.
- CONTROLLER AT MACK AVENUE AND BRUSH STREET IS TO BE BATTERY OPERATED MODEL. INCLUDE DC LATCHING SOLENOID FOR VALVE A1 TO ALLOW OPERATION FROM THIS CONTROLLER.

LINK! DETROIT TIGER 2012

Dequindre Cut Phase II Greenway
Midtown Loop Phase IV Greenway
Eastern Market District
Improvements
Detroit, Michigan



Owners:



City of Detroit

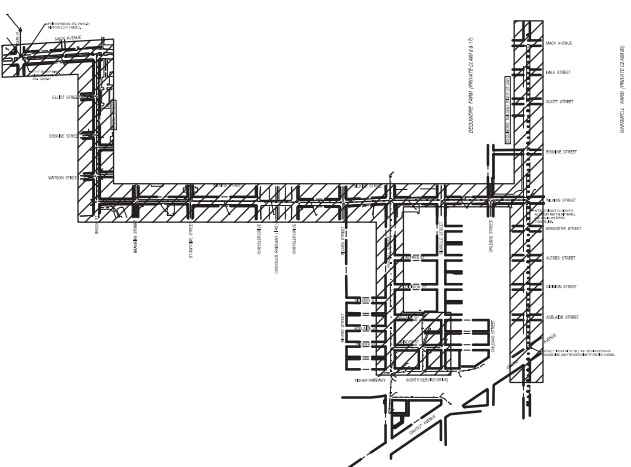
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100% CONSTRUCTION DOCUMENTS	0	APR.01.13

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

GENERAL NOTES - 5

GRAPHIC SCALE
TAKES PRECEDENCE N/A
FULL SIZE SCALE (24x36)
24708.003/50565.000/50572.000
PROJECT NUMBER



DRAWING NUMBER

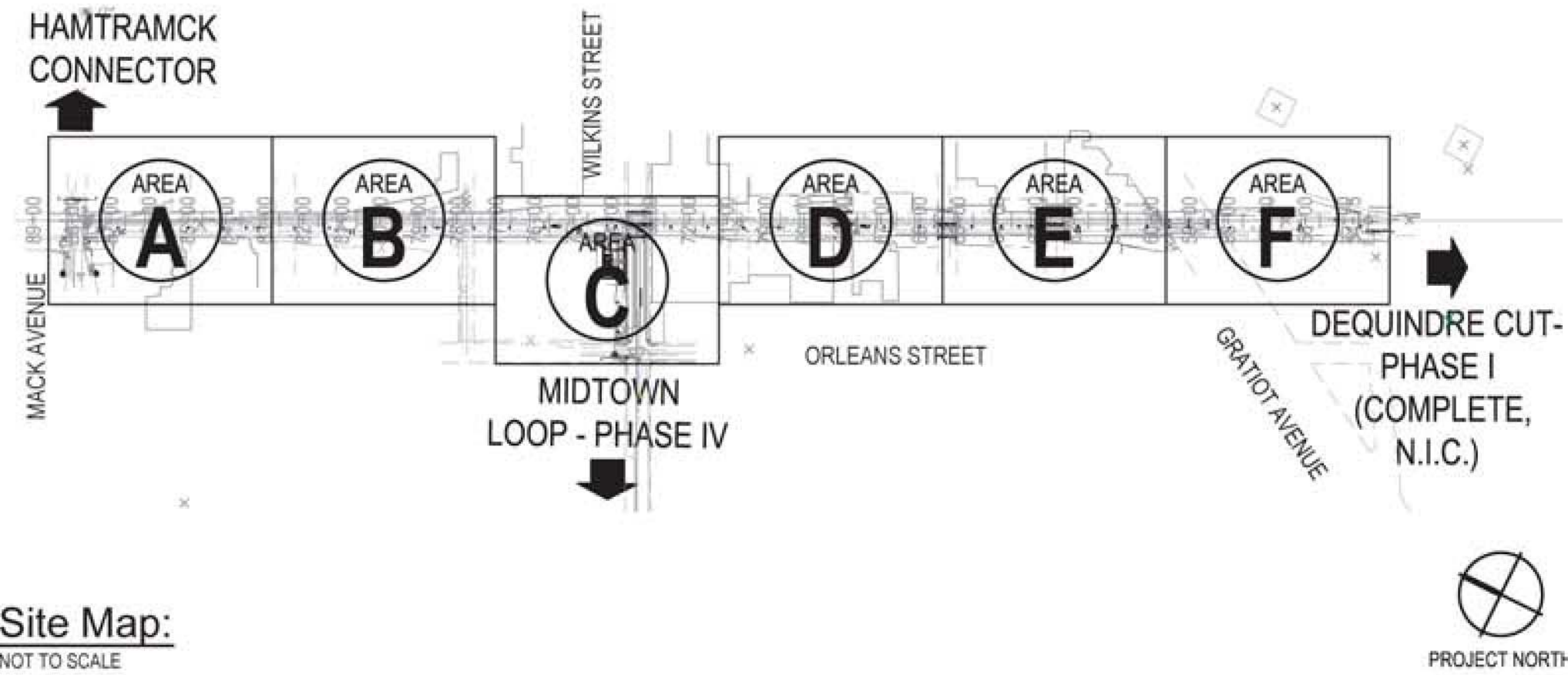
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SHEET 7 OF 497

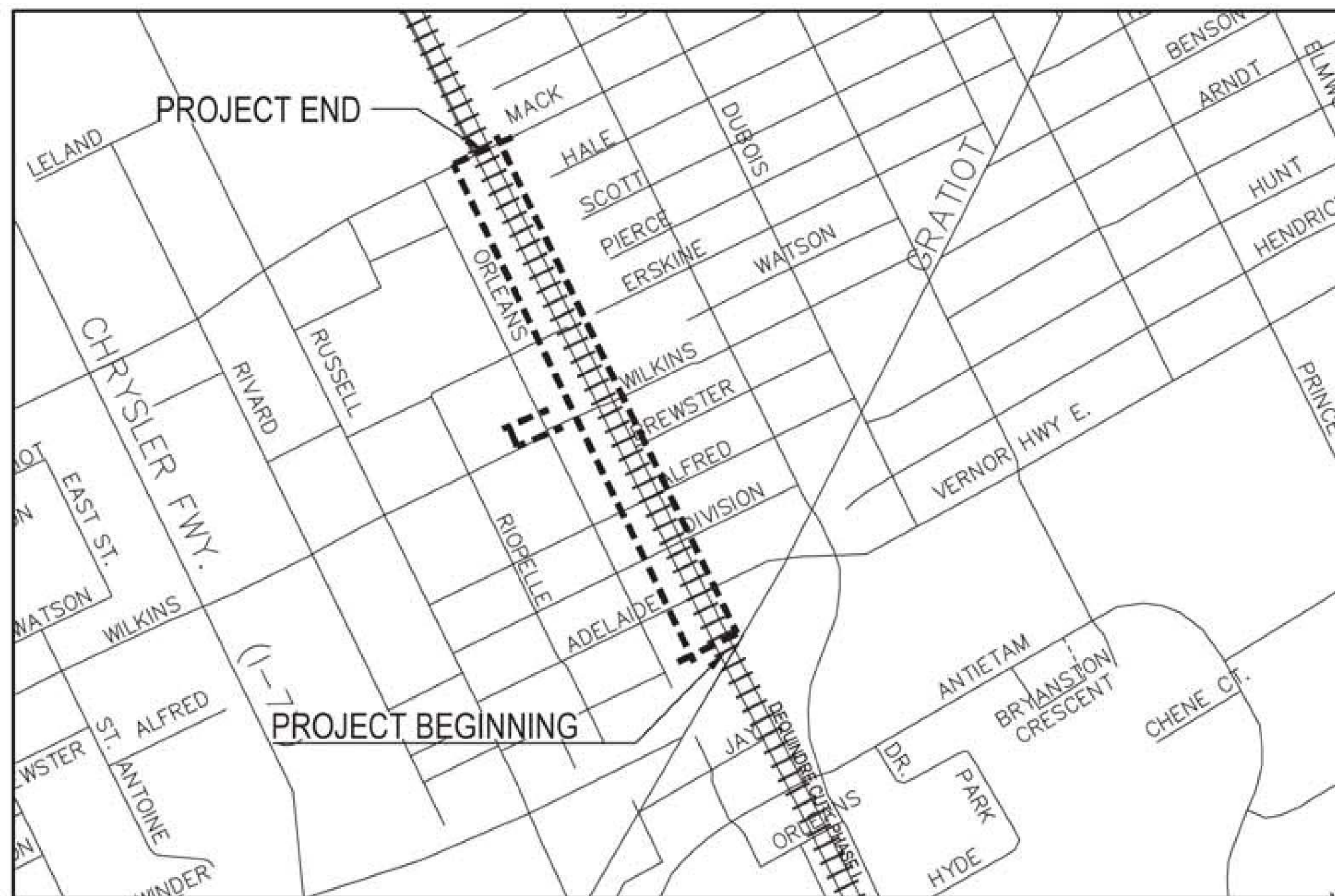
CITY OF DETROIT
DEPARTMENT OF PUBLIC WORKS
IN COOPERATION WITH
MICHIGAN DEPARTMENT OF TRANSPORTATION
AND
FEDERAL HIGHWAY ADMINISTRATION

DEQUINDRE CUT GREENWAY - PHASE II

DETROIT, MICHIGAN / WAYNE COUNTY



Site Map:
NOT TO SCALE



Location Map:
NOT TO SCALE



LOCAL AUTHORITY APPROVAL

CITY OF DETROIT
CITY ENGINEERING DIVISION
DEPARTMENT OF PUBLIC WORKS
900 CADILLAC TOWER
DETROIT, MICHIGAN 48226

Project Description: (0.6 Miles/ 3341.5 Feet Project Length and 6.8 Acres in Project Area)

The Dequindre Cut Greenway Phase II - North project begins at Gratiot Avenue, the northern terminus of Phase I, and continues for approximately three-quarters of a mile to Mack Avenue. This project will provide continuous access from the Detroit RiverWalk and Milliken State Park to the Eastern Market district, Midtown Loop and the Hamtramck Connector. The Dequindre Cut Greenway Phase II will include the following elements: Bank-to-bank cleanup and restoration of the abandoned rail corridor, a 15-foot wide shared use path, wireless emergency call boxes and security cameras, LED lighting fixtures, adjacent building security fencing, improved stormwater management, landscaping at high visibility areas, three access points at northern terminus of Phase 1 at Gratiot, Wilkins Street access ramp and Mack Avenue entrance plaza.

Owners:



Consultants:

SMITHGROUP JJR

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Utility Providers:

FOR A COMPLETE LIST OF UTILITY PROVIDERS AND CONTACT INFORMATION SEE GENERAL NOTES, SHEET G1.0.

Drawing Scale:

ORIGINAL DRAWINGS PREPARED AS 24x36 SHEETS. GRAPHIC SCALES SHOWN ON SHEETS SHALL TAKE PRECEDENCE OVER ANY OTHER NOTED SCALES.

Drawing List:

D-G0.0-D-G0.6,D-G1.0	COVER, SHEET INDEX, KEY PLAN, MDOT QUANTITIES, TYPICAL SECTIONS, & HORIZONTAL ALIGNMENT PLAN
D-V1.0-D-V1.3	TOPOGRAPHIC SURVEY
D-D1.1-D-D1.7	DEMOLITION AND EROSION CONTROL PLANS
D-C1.1-D-C1.8	PAVING AND MATERIALS PLANS
D-C2.1-D-C2.8	LAYOUT PLANS
D-C3.7-D-C3.8	JOINTING PLAN ENLARGEMENTS
D-C4.1-D-C4.6	SIGNAGE AND STRIPING PLANS
D-C5.0-D-C5.10	SITE DETAILS
D-C6.1-D-C6.12	GRADING PLANS AND ENLARGEMENTS
D-C7.1-D-C7.11	UTILITY PLANS - DETAILS AND PROFILES
D-L1.1-D-L1.8, D-L2.0	LANDSCAPE PLANS AND DETAILS
D-E1.0-D-E1.12	ELECTRICAL AND WIRING PLANS AND DETAILS

Submittal: Date: Revision:

50% CONSTRUCTION DOCUMENTS	NOVEMBER 5, 2012	0
80% CONSTRUCTION DOCUMENTS	JANUARY 7, 2013	1
GRADE INSPECTION	JANUARY 30, 2013	2
100% CONSTRUCTION DOCUMENTS	APRIL 1, 2013	3
BIDDING DOCUMENTS	MAY 2, 2013	4
BIDDING DOCUMENTS	MAY 21, 2013	5



DEQUINDRE CUT GREENWAY PHASE II

PREPARED UNDER SUPERVISION OF

EMILY S. MCKINNON
REGISTERED PROFESSIONAL ENGINEER
51422
REGISTRATION NUMBER

PREPARED UNDER SUPERVISION OF

MICHAEL J. WEINGARTZ
REGISTERED ELECTRICAL ENGINEER
37821
REGISTRATION NUMBER

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



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Corporation of the City of Detroit

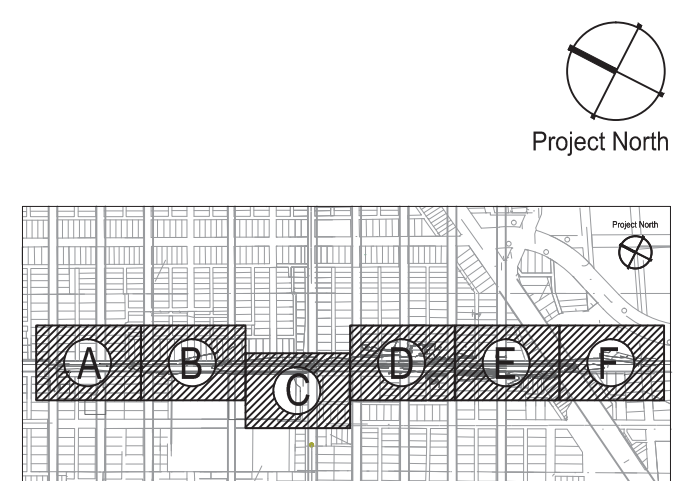
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100% CONSTRUCTION DOCUMENTS	4	MAY 02, 2013
80% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
50% CONSTRUCTION DOCUMENTS	2	JAN 30, 2013
	1	JAN 07, 2013
	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
SHEET INDEX

N/A
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)

PROJECT NUMBER
50572.000

DRAWING NUMBER
D-G0.1

9 of 497

DEQUINDRE CUT GREENWAY - PHASE II			
Sheet Number	Sheet Title		
General	D-G0.0	COVER	
	D-G0.1	SHEET INDEX	
	D-G0.2	KEY PLAN	
	D-G0.3	MDOT QUANTITIES	
	D-G0.4	TYPICAL SECTIONS	
	D-G0.5	TYPICAL SECTIONS	
	D-G0.6	HORIZONTAL ALIGNMENT PLAN	
	D-G1.0	MAINTENANCE OF TRAFFIC PLAN	
	Survey	D-V1.0	TOPOGRAPHIC SURVEY TITLE SHEET
		D-V1.1	TOPOGRAPHIC SURVEY - AREAS A AND B
D-V1.2		TOPOGRAPHIC SURVEY - AREA C	
D-V1.3		TOPOGRAPHIC SURVEY - AREAS D, E AND F	
Demolition & Erosion Control	D-D1.1	DEMOLITION AND EROSION CONTROL PLAN - AREA A	
	D-D1.2	DEMOLITION AND EROSION CONTROL PLAN - AREA B	
	D-D1.3	DEMOLITION AND EROSION CONTROL PLAN - AREA C	
	D-D1.4	DEMOLITION AND EROSION CONTROL PLAN - AREA D	
	D-D1.5	DEMOLITION AND EROSION CONTROL PLAN - AREA E	
	D-D1.6	DEMOLITION AND EROSION CONTROL PLAN - AREA F	
Paving & Materials	D-C1.1	PAVING AND MATERIALS PLAN - AREA A	
	D-C1.2	PAVING AND MATERIALS PLAN - AREA B	
	D-C1.3	PAVING AND MATERIALS PLAN - AREA C	
	D-C1.4	PAVING AND MATERIALS PLAN - AREA D	
	D-C1.5	PAVING AND MATERIALS PLAN - AREA E	
	D-C1.6	PAVING AND MATERIALS PLAN - AREA F	
	D-C1.7	PAVING AND MATERIALS PLAN - AREA A ENLARGEMENT	
	D-C1.8	PAVING AND MATERIALS PLAN - AREA C ENLARGEMENT	
Layout	D-C2.1	LAYOUT PLAN - AREA A	
	D-C2.2	LAYOUT PLAN - AREA B	
	D-C2.3	LAYOUT PLAN - AREA C	
	D-C2.4	LAYOUT PLAN - AREA D	
	D-C2.5	LAYOUT PLAN - AREA E	
	D-C2.6	LAYOUT PLAN - AREA F	
	D-C2.7	LAYOUT PLAN - AREA A ENLARGEMENT	
	D-C2.8	LAYOUT PLAN - AREA C ENLARGEMENT	
Joining	D-C3.7	JOINTING PLAN - AREA A ENLARGMENT	
	D-C3.8	JOINTING PLAN - AREA C ENLARGMENT	
Signage & Striping	D-C4.1	SIGNAGE AND STRIPING PLAN - AREA A	
	D-C4.2	SIGNAGE AND STRIPING PLAN - AREA B	
	D-C4.3	SIGNAGE AND STRIPING PLAN - AREA C	
	D-C4.4	SIGNAGE AND STRIPING PLAN - AREA D	
	D-C4.5	SIGNAGE AND STRIPING PLAN - AREA E	
	D-C4.6	SIGNAGE AND STRIPING PLAN - AREA F	
Site Details	D-C5.0	PAVEMENT DETAILS	
	D-C5.1	CURB DETAILS	
	D-C5.2	SITE FURNISHING DETAILS	
	D-C5.3	FENCE AND GATE DETAILS	
	D-C5.4	WILKINS RAILING DETAILS	
	D-C5.5	WILKINS RAILING DETAILS 2	
D-C5.6	WILKINS STAIR DETAILS		

DEQUINDRE CUT GREENWAY - PHASE II		
Sheet Number	Sheet Title	
Site Details	D-C5.7	SIGNAGE AND STRIPING DETAILS
	D-C5.8	SIGNAGE AND STRIPING DETAILS
Grading	D-C5.9	CANOPY DETAILS
	D-C5.10	TRELLISING SYSTEM AND FENCE DETAILS
	D-C6.1	GRADING PLAN - AREA A
	D-C6.2	GRADING PLAN - AREA B
	D-C6.3	GRADING PLAN - AREA C
	D-C6.4	GRADING PLAN - AREA D
	D-C6.5	GRADING PLAN - AREA E
	D-C6.6	GRADING PLAN - AREA F
	D-C6.7	GRADING PLAN - AREA A ENLARGEMENT
	D-C6.8	GRADING PLAN - AREA C ENLARGEMENT
	D-C6.9	RETAINING WALL TYPE 1 DETAILS
	D-C6.10	RETAINING WALL TYPE 1 ELEVATIONS
	D-C6.11	RETAINING WALL TYPE 1 ELEVATIONS
	D-C6.12	RETAINING WALL TYPE 2 DETAILS AND ELEVATIONS
Utility	D-C7.1	UTILITY PLAN - AREA A
	D-C7.2	UTILITY PLAN - AREA B
	D-C7.3	UTILITY PLAN - AREA C
	D-C7.4	UTILITY PLAN - AREA D
	D-C7.5	UTILITY PLAN - AREA E
	D-C7.6	UTILITY PLAN - AREA F
	D-C7.7	WILKINS PLAZA UNDERDRAIN ENLARGEMENT PLAN
	D-C7.8	UTILITY DETAILS 1
	D-C7.9	UTILITY DETAILS 2
	D-C7.10	UTILITY PROFILES
	D-C7.11	UTILITY STRUCTURE TABLE
Landscape	D-L1.1	LANDSCAPE PLAN - AREA A
	D-L1.2	LANDSCAPE PLAN - AREA B
	D-L1.3	LANDSCAPE PLAN - AREA C
	D-L1.4	LANDSCAPE PLAN - AREA D
	D-L1.5	LANDSCAPE PLAN - AREA E
	D-L1.6	LANDSCAPE PLAN - AREA F
	D-L1.7	LANDSCAPE PLAN - AREA A ENLARGEMENT
	D-L1.8	LANDSCAPE PLAN - AREA C ENLARGEMENT
	D-L2.0	LANDSCAPE DETAILS
	Electrical	D-E1.1
D-E1.2		ELECTRICAL PLAN - AREA B
D-E1.3		ELECTRICAL PLAN - AREA C
D-E1.4		ELECTRICAL PLAN - AREA D
D-E1.5		ELECTRICAL PLAN - AREA E
D-E1.6		ELECTRICAL PLAN - AREA F
D-E1.7		PANEL SCHEDULES
D-E1.8		ELECTRICAL SPECIFICATIONS
D-E1.9		ELECTRICAL DETAILS
D-E1.10		ELECTRICAL DETAILS
D-E1.11		ELECTRICAL DETAILS
D-E1.12		ELECTRICAL DETAILS



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



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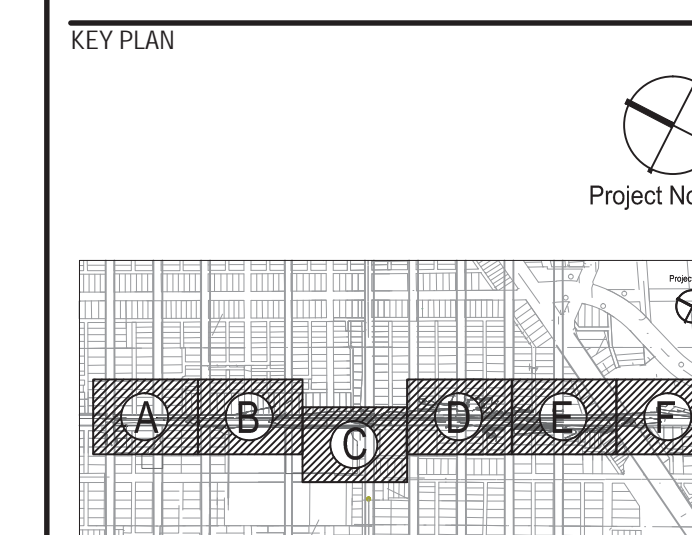
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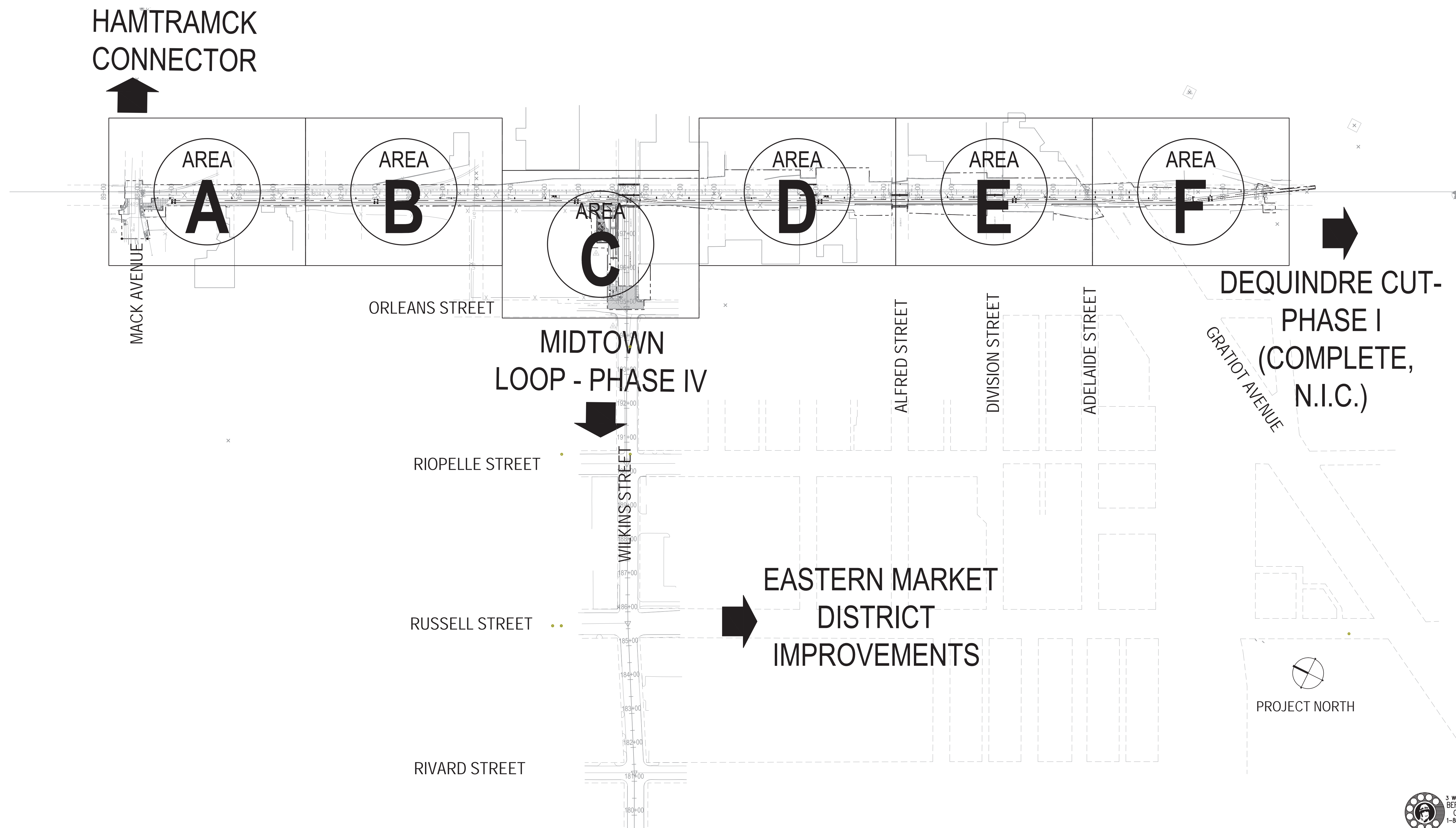
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES



DRAWING TITLE	
KEY PLAN	
GRAPHIC SCALE	1" = 200'
TAKES PRECEDENCE	
FULL SIZE SCALE (24x36)	50572.000
PROJECT NUMBER	D-G0.2
DRAWING NUMBER	10 of 497



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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



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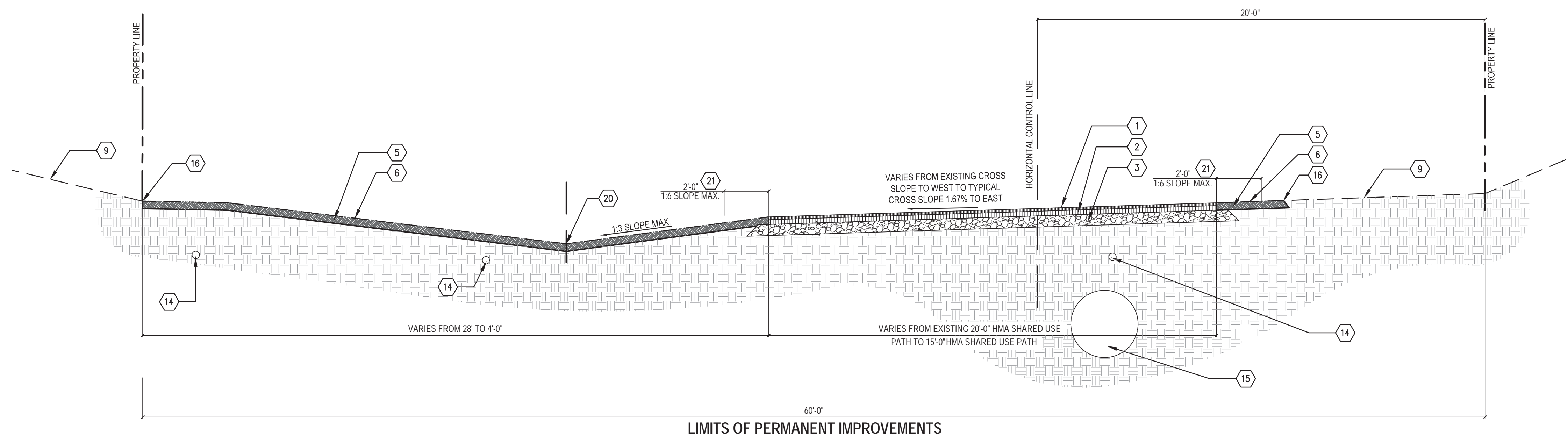


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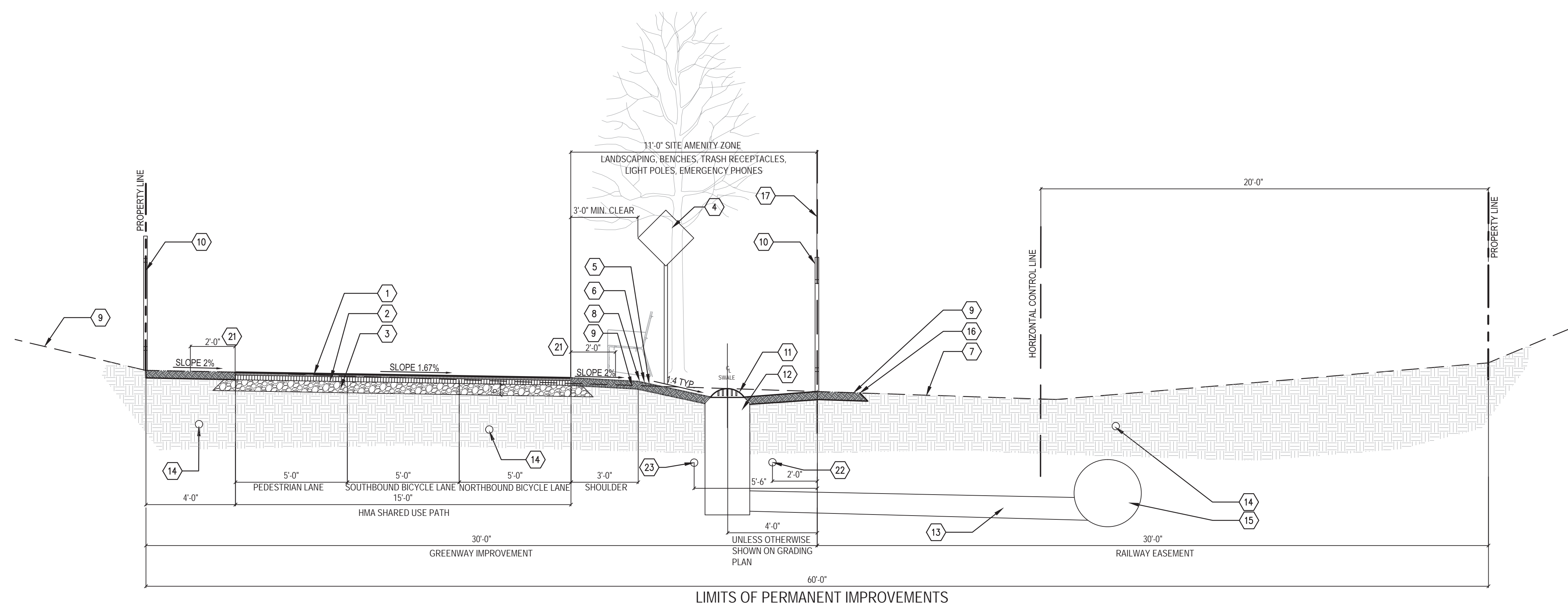
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- 1 HMA, 36A, 1 1/2 INCH (WEARING COURSE)
- 2 HMA, 13A, 2 1/2 INCH (LEVELING COURSE)
- 3 AGGREGATE BASE, 21AA
- 4 SIGN AND POST
- 5 TOPSOIL SURFACE, MODIFIED, 4 INCH DEPTH
- 6 SEEDING, TYPE 1, MODIFIED (WITHIN 30' GREENWAY IMPROVEMENTS)
- 7 SEEDING, TYPE 2, MODIFIED (WITHIN 30' RAILWAY EASEMENTS AND ADJACENT PROPERTIES)
- 8 PROPOSED GRADE
- 9 EXISTING GRADE
- 10 FENCE, 48 INCH, TYPE D1, WHERE SHOWN ON PLANS
- 11 DRAIN STRUCTURE COVER, MODIFIED
- 12 CATCH BASIN "A" OR CATCH BASIN "B" - WITH TRAP
- 13 SEWER, CL A, 8 INCH
- 14 EXISTING FIBER CONDUIT
- 15 EXISTING STORM SEWER (18" OR 24")
- 16 PROPOSED GRADING MEET AT EXISTING GRADE
- 17 RAILROAD EASEMENT LINE
- 18 PROPOSED ELECTRICAL CONDUIT (MIN 12" SEPARATION FROM SECURITY CONDUIT)
- 19 PROPOSED SECURITY CONDUIT
- 20 DRAINAGE SWALE
- 21 ASHTO CLEARANCE REQUIREMENT, SLOPE NOT TO EXCEED 1:6



1 TYPICAL HMA SHARED USE PATH SECTION 1
STATION 54+96 TO 57+48

1" = 3'-0"



2 TYPICAL HMA SHARED USE PATH SECTION 2
STATION 57+48 TO 59+23, 67+62.50 TO 72+66, 75+14 TO 87+22

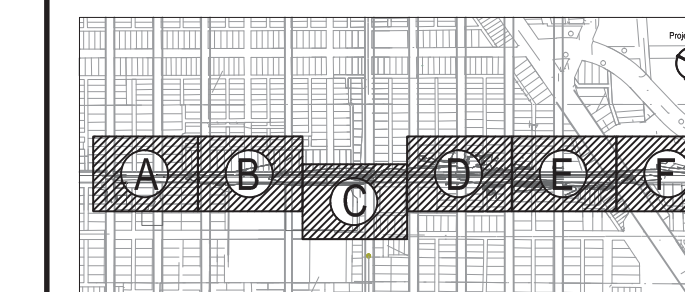
1" = 3'-0"

ISSUED FOR REV DATE

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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

TYPICAL SECTIONS

GRAPHIC SCALE 1" = 3'-0"
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)

PROJECT NUMBER

D-G0.4

DRAWING NUMBER

12 of 97



3 WORKING DAYS
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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



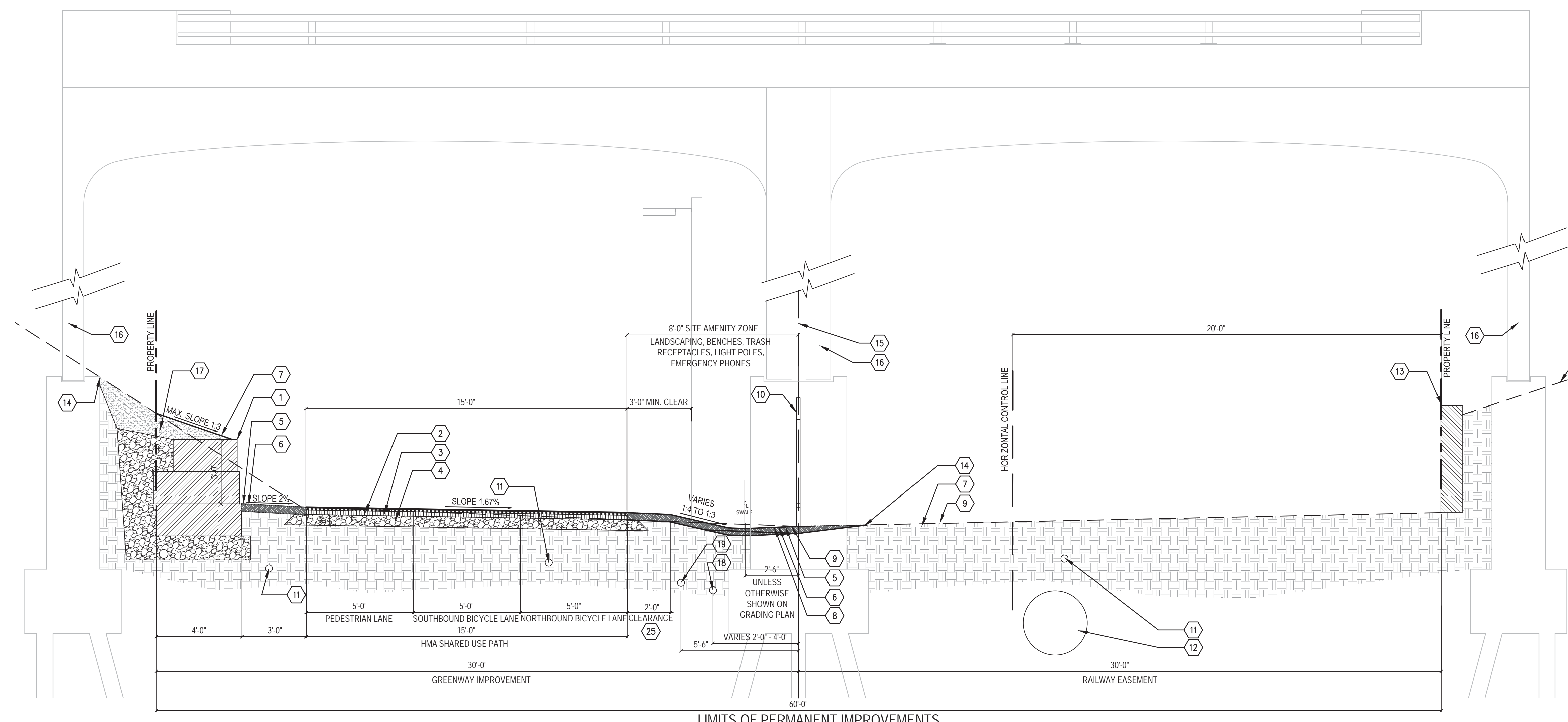
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- 1 _RETAINING WALL, TYPE 1
- 2 HMA, 36A, 1 1/2 INCH (WEARING COURSE)
- 3 HMA, 13A, 2 1/2 INCH (LEVELING COURSE)
- 4 _AGGREGATE BASE, 21AA
- 5 _TOPSOIL SURFACE, MODIFIED, 4 INCH DEPTH
- 6 _SEEDING, TYPE 1, MODIFIED (WITHIN 30' GREENWAY IMPROVEMENTS)
- 7 _SEEDING, TYPE 2, MODIFIED (WITHIN 30' RAILWAY EASEMENTS AND ADJACENT PROPERTIES)
- 8 PROPOSED GRADE
- 9 EXISTING GRADE
- 10 _FENCE, 48 INCH, TYPE D1
- 11 EXISTING FIBER CONDUIT
- 12 EXISTING STORM SEWER (18" OR 24")
- 13 EXISTING RETAINING WALL OR BUILDING
- 14 PROPOSED GRADING MEET AT EXISTING GRADE
- 15 RAILROAD EASEMENT LINE
- 16 PROPOSED BRIDGE ABUTMENT SEE WILKINS, DIVISION, AND ADELAIDE STREET BRIDGE FOR DETAILS
- 17 GENERAL SITE BACKFILL
- 18 PROPOSED ELECTRICAL CONDUIT (MIN 12" SEPARATION FROM SECURITY CONDUIT)
- 19 PROPOSED SECURITY CONDUIT
- 20 EXISTING WILKINS STREET RIGHT-OF-WAY LINE
- 21 EXISTING BRIDGE APPROACH WALL
- 22 PROPOSED EASEMENT LINE
- 23 PLANTING BED, SEE LANDSCAPE PLANS.
- 24 WILKINS PLAZA OR RETAINING WALL BEYOND TO MATCH EXISTING GRADE. SEE PAVING AND MATERIALS AND GRADING PLANS FOR DETAILS, ALL PERMANENT IMPROVEMENTS TO BE LOCATED WITHIN EASEMENT.
- 25 ASHTO CLEARANCE REQUIREMENT, SLOPE NOT TO EXCEED 1:6

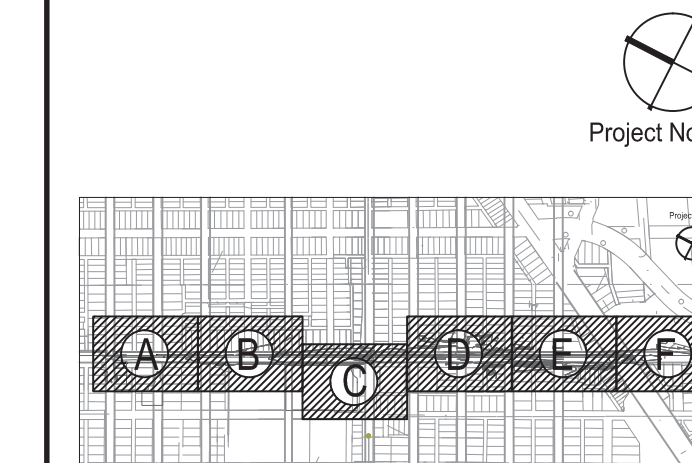
3 TYPICAL HMA SHARED USE PATH SECTION
STATION 60+04 TO 67+62.50, 72+66 TO 75+14

1" = 3'-0"

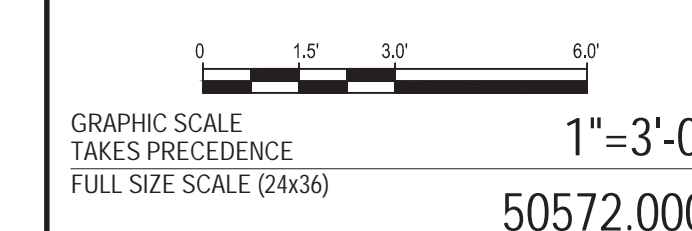
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SEALS AND SIGNATURES

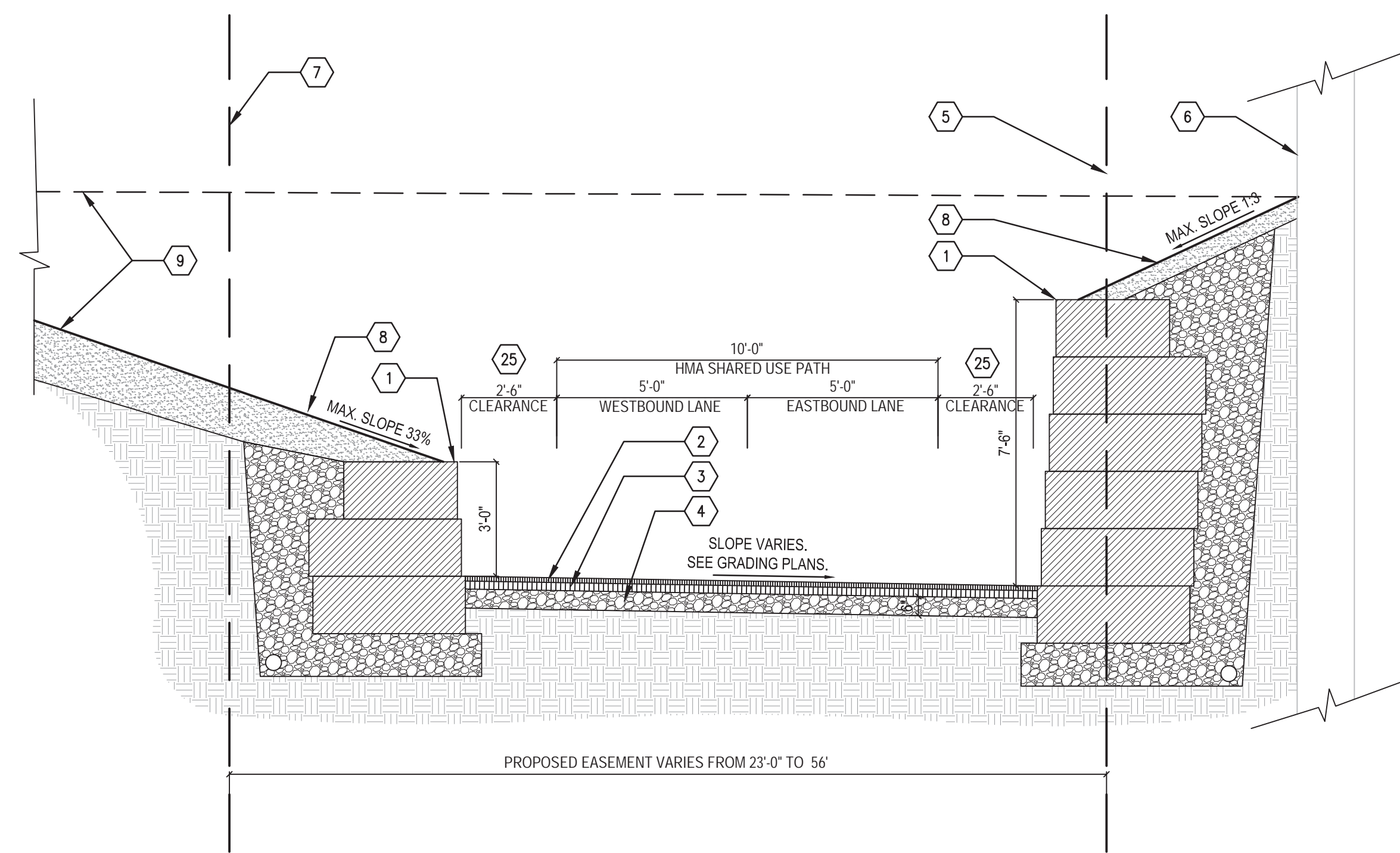
KEY PLAN



DRAWING TITLE
TYPICAL SECTIONS



PROJECT NUMBER
D-G0.5
DRAWING NUMBER
13 of 497



4 TYPICAL HMA OR CONCRETE SHARED USE PATH SECTION - WILKINS STREET

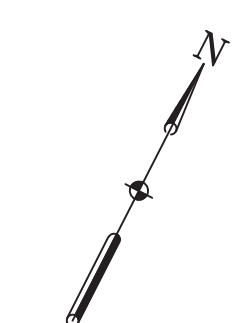
1" = 3'-0"

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HORIZONTAL ALIGNMENT PLAN - DEQUINDRE CUT PHASE II

PART OF PRIVATE CLAIM 8 & 17, 90, CITY OF DETROIT, WAYNE COUNTY, MICHIGAN



CONTROL POINT TABLE		
15	12547.51	12735.62
16	12755.87	13142.79
17	12912.55	13448.96
18	14183.63	12800.44
19	11704.30	14065.42
20	15169.53	12297.42
21	8633.07	15632.40

CONTROL POINT WITNESSES

- CONTROL POINT 15 - PK NAIL IN ROAD**
- N26°E 38.0 FEET - FIRE HYDRANT ON EAST SIDE OF RIOPELLE STREET
 - N68°W 51.4 FEET - UTILITY POLE ON WEST SIDE OF RIOPELLE STREET
 - S07°W 54.7 FEET - CATCH BASIN ON SOUTHWEST CORNER OF RIOPELLE AND WILKINS STREET
 - S64°E 50.4 FEET - UTILITY POLE ON SOUTHEAST CORNER OF RIOPELLE AND WILKINS STREET
- CONTROL POINT 16 - PK NAIL IN ROAD**
- N02°W 73.11 FEET - UTILITY POLE ON EAST SIDE OF ORLEANS STREET
 - N55°W 33.4 FEET - CATCH BASIN ON NORTHWEST CORNER OF ORLEANS AND WILKINS STREET
 - S53°W 17.0 FEET - CENTER OF MANHOLE
 - S67°E 38.75 FEET - UTILITY POLE ON SOUTHWEST CORNER OF ORLEANS AND WILKINS STREET
- CONTROL POINT 17 - (LOCATED ON BRIDGE DECK AND BELOW ON BRIDGE DECK - PK NAIL IN BRIDGE)**
- N70°E 79.7 FEET - CENTER OF MANHOLE
 - N81°E 99.0 FEET - UTILITY POLE ON SOUTH SIDE OF WILKINS ON BRIDGE DECK
 - S84°E 58.87 FEET - CENTER OF MANHOLE
 - S20°W 74.2 FEET - CENTER OF MANHOLE
- BELOW BRIDGE DECK - CAPPED IRON ROD**
- N31°E 47.9 FEET - NORTHEAST CORNER OF BRIDGE
 - S73°E 58.8 FEET - SOUTHWEST CORNER OF BRIDGE
 - S17°W 58.23 FEET - SOUTHWEST CORNER OF BRIDGE
 - N84°W 47.57 FEET - NORTHWEST CORNER OF BRIDGE
- CONTROL POINT 18 - CAPPED IRON ROD**
- N12°W 19.8 FEET - CENTER OF MANHOLE
 - N52°W 21.1 FEET - CENTER OF MANHOLE
 - N27°E 24.7 FEET - NORTHEAST CORNER OF BRIDGE
 - S28°W 9.7 FEET - BRIDGE SUPPORT COLUMN
- CONTROL POINT 19 - WAYNE COUNTY MONUMENT ON THE COMMON LINE OF PRIVATE CLAIM 8, 17 AND 90, AND THE CENTERLINE OF ALEXANDRINE STREET LATERALLY, RECORDED IN LIBER 30836, PAGE 34, WAYNE CO. REMON.**
- CONTROL POINT 20 - PRIVATE CLAIM MONUMENT, COMMON TO PC 8 & 17 AND PC 90, BEING THE WITHERELL AND DEQUINDRE FARM'S RESPECTIVELY, AS RECORDED IN LIBER 30836, PAGE 34, WAYNE COUNTY RECORDS, WAYNE COUNTY, MI.**
- CONTROL POINT 21 - PRIVATE CLAIM MONUMENT, COMMON TO PC 8 & 17 AND PC 90, BEING THE WITHERELL AND DEQUINDRE FARM'S RESPECTIVELY, AS RECORDED IN LIBER 30836, PAGE 36, WAYNE COUNTY RECORDS, WAYNE COUNTY, MI.**

VERTICAL BENCHMARKS:

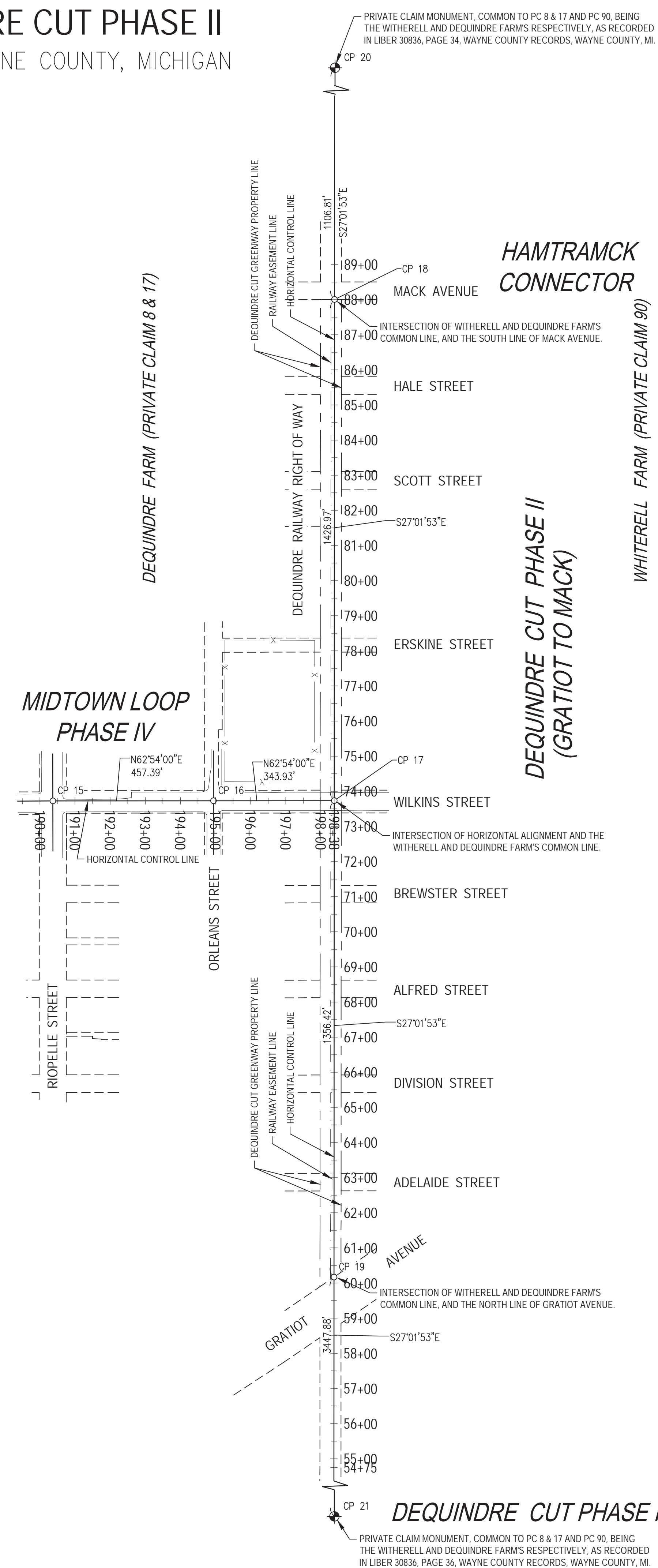
- 39-253 - BRASS DISC IN MONUMENT BOX: NL CHESTNUT STREET AT CTRL OF DEQUINDRE RR (BRIDGE DECK) ELEVATION = 138.51 FEET (CITY OF DETROIT DATUM)
- 39-252A - BRASS DISC IN MONUMENT BOX: NL WILKINS STREET AT EL ST AUBIN STREET ELEVATION = 143.77 (CITY OF DETROIT DATUM)
- 40-253 - BRASS DISC IN MONUMENT BOX: NL ALEXANDRINE AT EL ST AUBIN STREET ELEVATION = 145.19 FEET (CITY OF DETROIT DATUM)
- 29-255A - BRASS DISC IN MONUMENT BOX: NL EDMUND PLACE AT EL JOHN R. ELEVATION = 136.52 FEET (CITY OF DETROIT DATUM)

NOTES

- FIELD MONUMENTS SET AT LOCATIONS INDICATED HEREON, ALONG WITH WITNESSES PROVIDED FOR MONUMENT LOCATION RECOVERY.

SURVEY LEGEND

- PRIVATE CLAIM MONUMENT - PROPERTY CONTROLLING CORNER
- HORIZONTAL ALIGNMENT POINT
- HORIZONTAL CONTROL LINE - COURSES BETWEEN FIELD SET MONUMENTS
- DEQUINDRE CUT GREENWAY PROPERTY LINE
- RAILWAY EASEMENT LINE
- PUBLIC RIGHT-OF-WAY, ACCORDING TO CITY OF DETROIT RECORDS



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



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Corporation of the City of Detroit

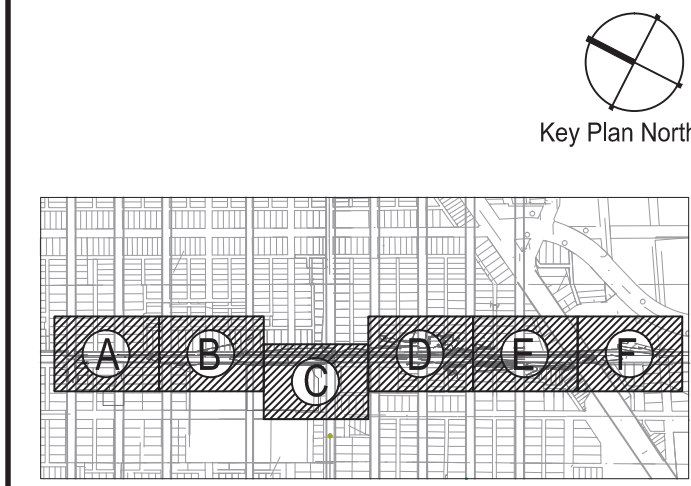
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SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

HORIZONTAL
ALIGNMENT PLAN

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=200'-0"
50572.000

PROJECT NUMBER

D-G0.6

DRAWING NUMBER

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Dequindre Cut
Phase II
Dequindre Cut
Detroit, Michigan



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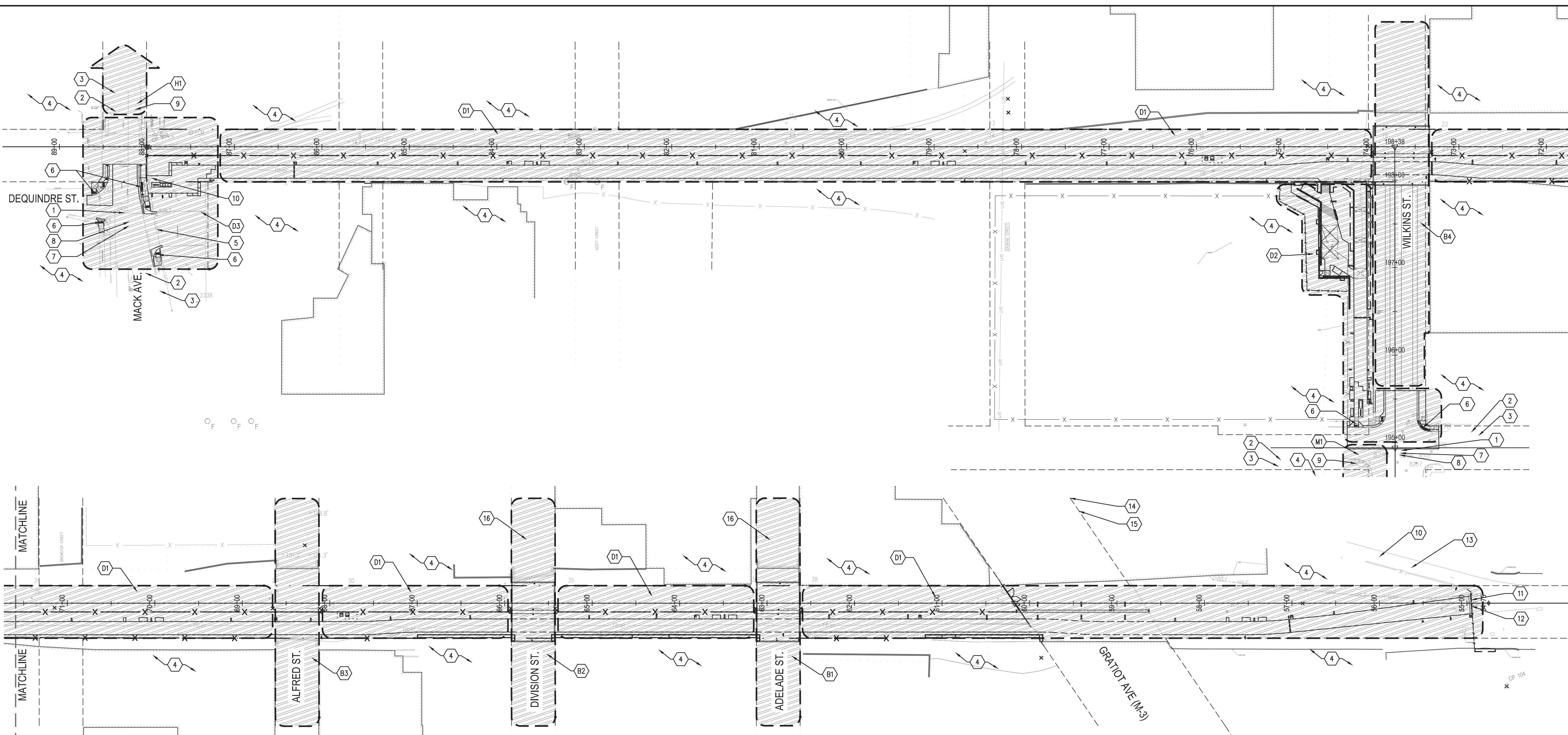
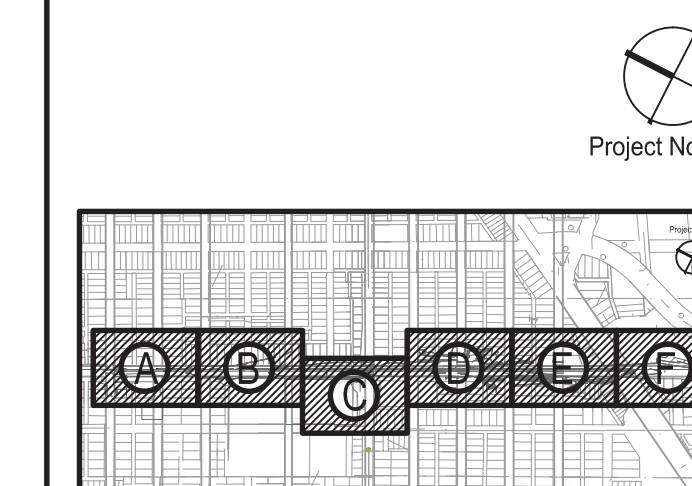
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SEALS AND SIGNATURES

KEY PLAN



DEQUINDRE CUT GREENWAY - PHASE II

MAINTENANCE OF TRAFFIC KEY NOTES AND LEGEND

	WORK ZONE		PROVIDE ALL NECESSARY TEMPORARY TRAFFIC CONTROL DEVICES (WZD-125-6) INCLUDING BUT NOT LIMITED TO TEMPORARY SIGNAGE, FENCING, BARRICADES, PLASTIC DRUMS, LIGHTED ARROWS, AND STEEL PLATING AS REQUIRED TO ENSURE A SAFE AND CLEARLY DEFINED CONSTRUCTION AREA, PER PERMIT REQUIREMENTS, TED, MDOT AND AS REQUESTED BY THE ENGINEER.		PROVIDE CONSTRUCTION FENCING AT END OF EXISTING PHASE I GREENWAY.	
	WORK ZONE D1 TO BE COMPLETED PER THE FOLLOWING DATES:	AUG. 30, 2013 TO JULY 25, 2014		PROVIDE REQUIRE MERGING TAPER LENGTHS (M0020a) AND ADVANCE SIGNING (M0040a) FOR ALL WORK ZONES.		PROVIDE SIGN: "FUTURE TRAIL EXTENSION UNDER CONSTRUCTION - NO PUBLIC ACCESS" - 48" x 30"
	WORK ZONE D2 TO BE COMPLETED PER THE FOLLOWING DATES: *DEMOLITION / SITE PREPARATION / UNDERGROUND UTILITIES SITE AND HARDSCAPE IMPROVEMENTS *CONSTRUCTION WORK IN ZONE D2 SHALL BE COORDINATED WITH THE WILKINS BRIDGE RECONSTRUCTION	JAN. 6, 2014 TO APR. 25, 2014 JULY 28, 2014 TO NOV. 28, 2014		PROVIDE ADVANCE WARNING ON ADJACENT SIDE STREETS WITH "CONSTRUCTION WORK AHEAD" SIGNS.		EXISTING PEDESTRIAN RAMP TO REMAIN IN SERVICE FOR PUBLIC USE AND SHALL NOT BE USED FOR CONSTRUCTION ACCESS, STAGING OR VEHICULAR ACCESS.
	WORK ZONE D3 TO BE COMPLETED PER THE FOLLOWING DATES:	JULY 28, 2014 TO NOV. 28, 2014		ADJACENT PUBLIC/PRIVATE PROPERTY NOT TO BE USED FOR CONSTRUCTION STAGING, ACCESS, OR STORAGE OF MATERIALS.		PROVIDE SIGN AT GRATIOT AVE: "CONSTRUCTION ACCESS FOR DEQUINDRE CUT GREENWAY - PHASE II PROJECT AT MACK AVE." - 48" x 30"
	BRIDGE WORK ZONE: WORK ZONE B1 TO BE COMPLETED PER THE FOLLOWING DATES:	AUG. 30, 2013 TO DEC. 20, 2013		MAINTAIN ACCESS TO PUBLIC/PRIVATE PROPERTIES AND BUSINESSES. PROVIDE ALL NECESSARY PROTECTION MEASURES.		PROVIDE SIGN AT GRATIOT AVE: "DEQUINDRE CUT GREENWAY - PHASE I OPEN TO PUBLIC, PHASE II UNDER CONSTRUCTION" - 48" x 30"
	BRIDGE WORK ZONE: WORK ZONE B2 TO BE COMPLETED PER THE FOLLOWING DATES:	JAN. 6, 2014 TO APR. 25, 2014		MAINTAIN PEDESTRIAN ACCESS ON THREE CORNERS OF INTERSECTION AT ALL TIMES.		REFER TO BRIDGE DRAWINGS FOR NEW SIGNAGE AND PAVEMENT MARKINGS AS A RESULT OF PROPOSED TRAFFIC MODIFICATIONS
	BRIDGE WORK ZONE: WORK ZONE B3 TO BE COMPLETED PER THE FOLLOWING DATES:	JAN. 6, 2014 TO APR. 25, 2014		MAINTAIN VEHICULAR THROUGH INTERSECTION.		TEMPORARY CONSTRUCTION FENCE
	BRIDGE WORK ZONE: WORK ZONE B4 TO BE COMPLETED PER THE FOLLOWING DATES:	MAY 5, 2014 TO SEPT. 26, 2014		INTERSECTION WIDTH ALLOWS ONLY ONE-LANE OF VEHICULAR TRAFFIC TO BE MAINTAINED. DURATION AND TIMING OF PARTIAL ROAD CLOSURE TO BE LIMITED AS MUCH AS POSSIBLE AND PER PERMIT REQUIREMENTS. PROVIDE REGULATOR CONTROL TO MAINTAIN ALTERNATING TRAFFIC FLOW WHEN AN ALTERNATE OR DETOUR ROUTE IS NOT AVAILABLE. OPEN INTERSECTION TO TWO-WAY TRAFFIC DURING NON-CONSTRUCTION HOURS AND PROVIDE NECESSARY STEEL PLATING AND PROTECTION MEASURES.		
	HAMTRAMCK CONNECTOR WORK - ZONE H1:	MAY 5, 2014 TO SEPT. 26, 2014		COORDINATE MAINTENANCE OF TRAFFIC PLANS WITH ADJACENT CONSTRUCTION PROJECTS.		
	MIDTOWN PHASE IV WORK ZONE 1 TO BE COMPLETED PER THE FOLLOWING DATES: DEMOLITION/SITE PREPARATION/UNDERGROUND UTILITIES SITE AND HARDSCAPE IMPROVEMENTS	AUG. 30, 2013 TO NOV. 27, 2013 DEC. 2, 2013 TO MAR. 28, 2014		CONSTRUCTION ACCESS FOR TRAIL CONSTRUCTION TO BE AT THE MACK AVE. ENTRANCE ONLY.		

NOTES:

CONTRACTOR SHALL SEQUENCE THE CONSTRUCTION IN THE ORDER OF THE WORK ZONES IDENTIFIED. CONSTRUCTION SHALL START AT WORK ZONE D1 AT THE NORTHERN END POINT OF DEQUINDRE CUT PH. I AND SHALL PROCEED NORTH TO MACK AVENUE. IF CONSTRUCTION ACTIVITIES WITHIN A WORK ZONE ARE COMPLETED PRIOR TO THE DATES NOTED, THE CONTRACTOR CAN REQUEST APPROVAL FROM THE ENGINEER TO PROCEED WITH THE NEXT WORK ZONE. CONSTRUCTION IN WORK ZONE 1 UNDERNEATH A PARTICULAR BRIDGE PROJECT SHALL PROCEED AFTER THE BRIDGE IS COMPLETED. MAINTENANCE OF TRAFFIC SHALL BE COORDINATED BETWEEN ADJACENT WORK ZONES UNDER CONSTRUCTION AND WITH ADJACENT CONSTRUCTION PROJECTS AS NECESSARY. SITE FURNISHING, LANDSCAPING, AND ASSOCIATED SITE IMPROVEMENTS THAT CAN BE COMPLETED WITHOUT TEMPORARY TRAFFIC CONTROL DEVICES CAN BE COMPLETED OUTSIDE OF THE WORK ZONE DATES IDENTIFIED PENDING PRIOR APPROVAL BY THE ENGINEER. REFER TO BRIDGE DRAWINGS FOR ADDITIONAL INFORMATION.

D-G1.0 - MAINTENANCE OF TRAFFIC

QTY	UNIT	ITEM DESCRIPTION
0.75	LS	Minor Traf Devices
16.00	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn
16.00	Ea	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper
0.50	LS	Traffic Regulator Control
100.00	Ft	Pavt Mrkg, Type R, 4 inch, Temp, Yellow
100.00	Ft	Pavt Mrkg, Type R, 4 inch, Temp, White
4.00	Ea	Lighted Arrow, Type C, Furn
4.00	Ea	Lighted Arrow, Type C, Oper
75.00	Ea	Plastic Drum, High Intensity, Furn

DRAWING TITLE
MAINTENANCE OF
TRAFFIC PLAN

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=60'-0"
50572.000

PROJECT NUMBER

D-G1.0

DRAWING NUMBER

15 of 497

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



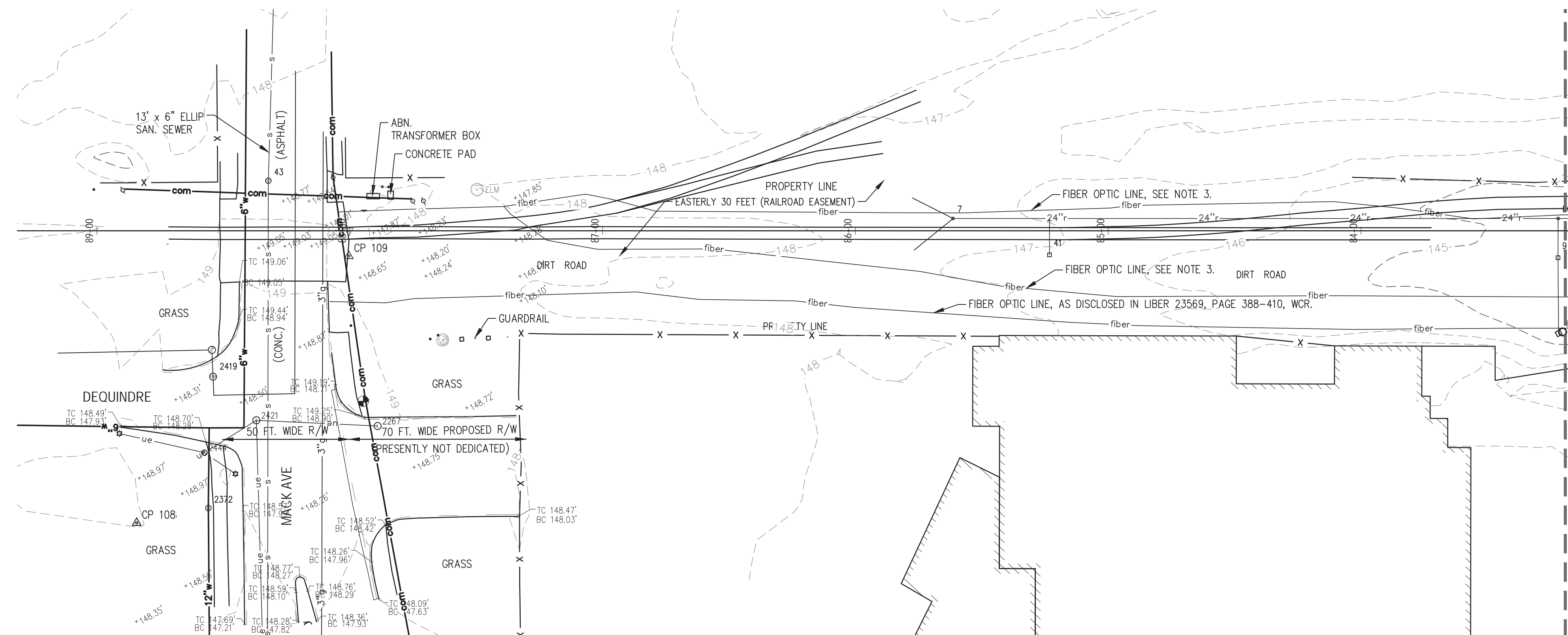
City of Detroit



Economic Development
Corporation of the City of Detroit

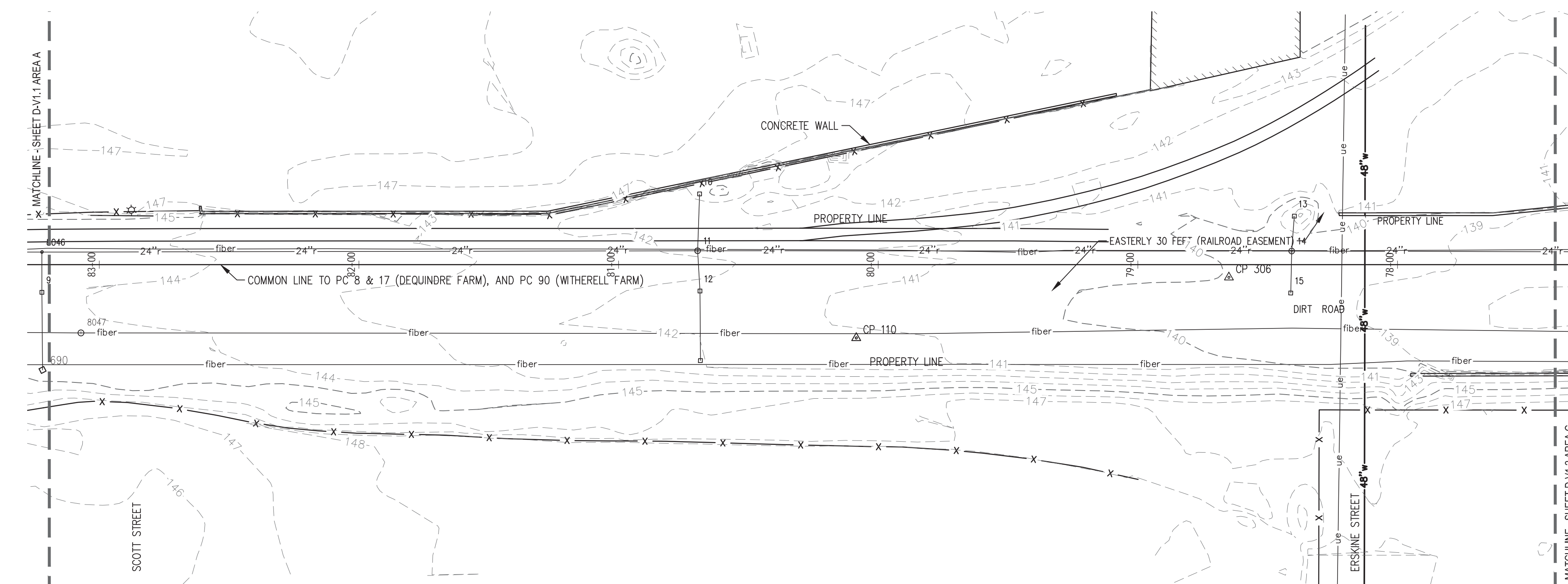
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SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
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1 TOPOGRAPHIC SURVEY - AREA A

1" = 30'



2 TOPOGRAPHIC SURVEY - AREA B

1" = 30'

SURVEY LEGEND

- SECTION CORNER
- BENCHMARK
- CONTROL POINT
- FOUND IRON PIPE
- FOUND CONC. MONUMENT
- SET IRON PIPE
- CABLE RISER
- CATCH BASIN
- CURB INLET
- END SECTION
- GUY WIRE
- FIRE HYDRANT
- LIGHT POLE
- COMMUNICATIONS MANHOLE
- STORM MANHOLE
- STEAM MANHOLE
- SANITARY MANHOLE
- ELECTRIC MANHOLE
- GAS MANHOLE
- LIGHTING MANHOLE
- WATER MANHOLE
- SHUT OFF VALVE
- UTILITY MARKER
- UTILITY POLE
- WELL
- POST - ROUND
- SIGN
- SIGN - DOUBLE POST
- SOIL BORING
- EX. TOPO CONTOUR
- RIGHT OF WAY
- EASEMENT
- PROPERTY LINE
- EX. FENCE
- EX. CABLE TELEVISION
- EX. COMMUNICATION
- EX. OVERHEAD ELECTRIC
- EX. UNDERGROUND ELECTRIC
- EX. FIBER OPTIC
- EX. HOT WATER (STEAM)
- EX. NATURAL GAS
- EX. OVERHEAD UTILITY
- EX. SANITARY SEWER
- EX. STORM SEWER
- EX. WATER MAIN

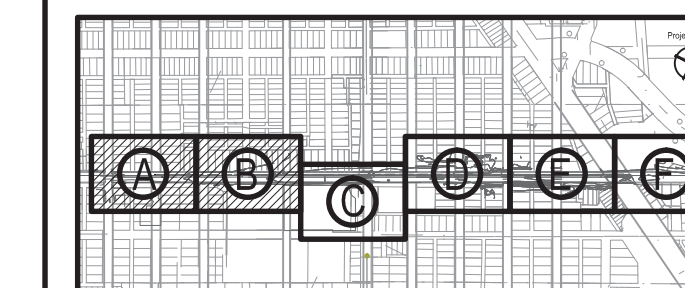
NOTES:

1. REFER TO D-V1.0 FOR SURVEY NOTES.

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

TOPOGRAPHIC SURVEY - AREAS A AND B

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 30'-0"
50572.000

PROJECT NUMBER

D-V1.1

DRAWING NUMBER

17 of 497



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

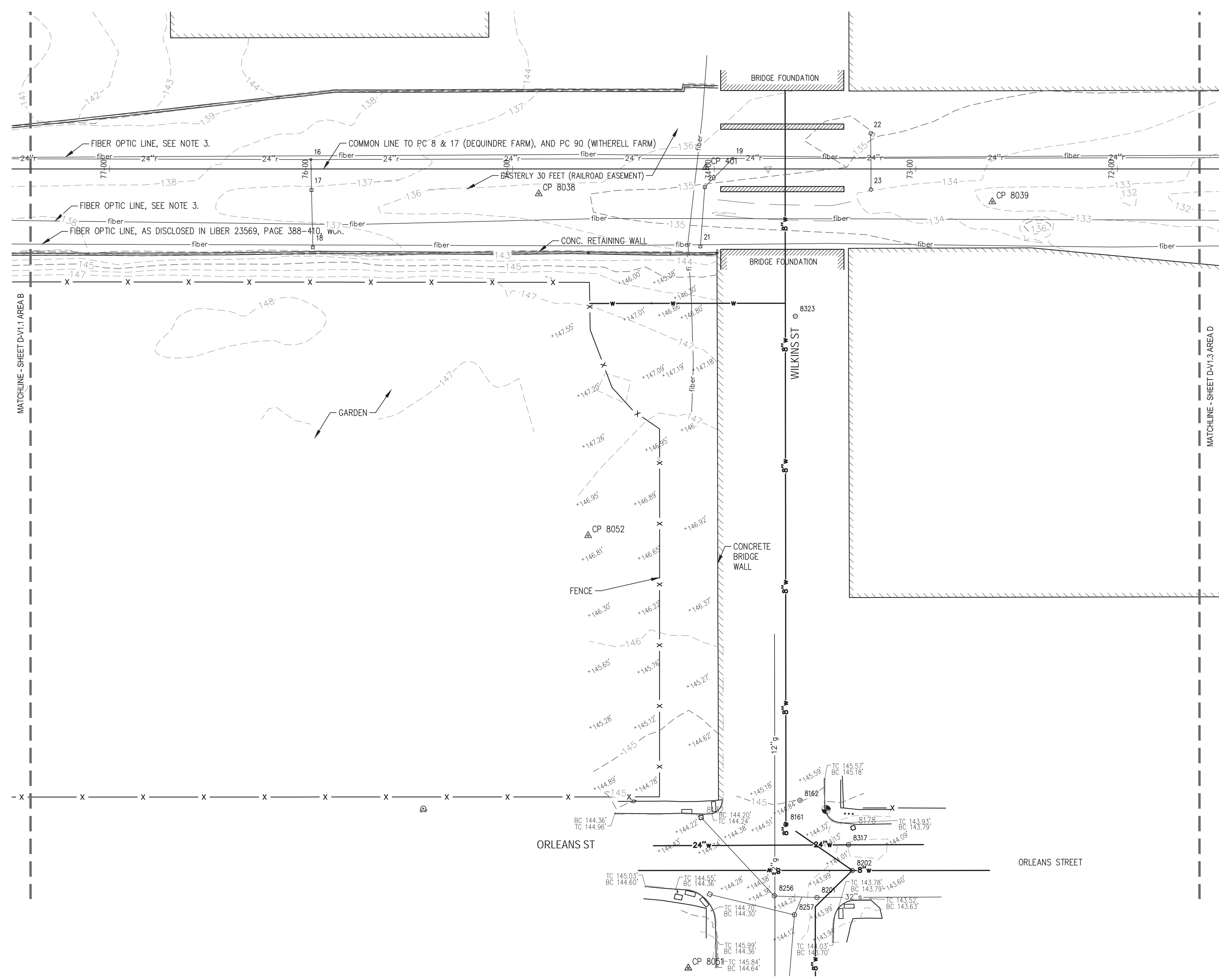
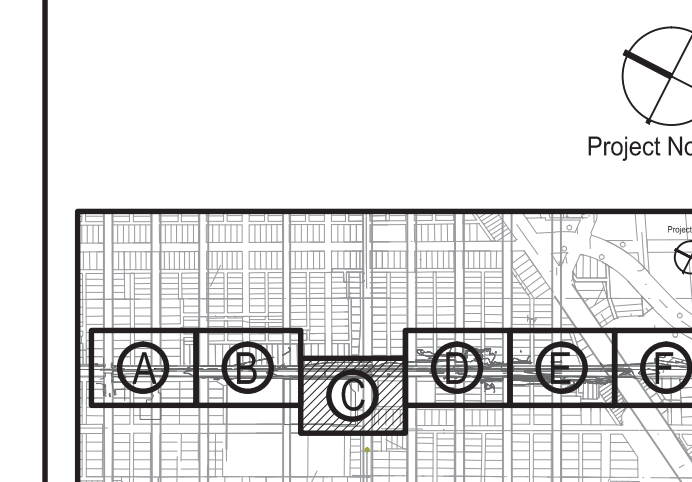
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



SURVEY LEGEND

- SECTION CORNER
- BENCHMARK
- CONTROL POINT
- FOUND IRON PIPE
- FOUND CONC. MONUMENT
- SET IRON PIPE
- CABLE RISER
- CATCH BASIN
- CURB INLET
- ELECT. TRANSFORMER
- END SECTION
- GUY WIRE
- FIRE HYDRANT
- LIGHT POLE
- COMMUNICATIONS MANHOLE
- STORM MANHOLE
- STEAM MANHOLE
- SANITARY MANHOLE
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- GAS MANHOLE
- LIGHTING MANHOLE
- WATER MANHOLE
- SHUT OFF VALVE
- UTILITY MARKER
- UTILITY POLE
- WELL
- POST - ROUND
- SIGN
- SIGN - DOUBLE POST
- SOIL BORING
- EX. TOPO CONTOUR
- RIGHT OF WAY
- EASEMENT
- PROPERTY LINE
- EX. FENCE
- EX. CABLE TELEVISION
- EX. COMMUNICATION
- EX. OVERHEAD ELECTRIC
- EX. UNDERGROUND ELECTRIC
- EX. FIBER OPTIC
- EX. HOT WATER (STEAM)
- EX. NATURAL GAS
- EX. OVERHEAD UTILITY
- EX. SANITARY SEWER
- EX. STORM SEWER
- EX. WATER MAIN

1 TOPOGRAPHIC SURVEY - AREA C

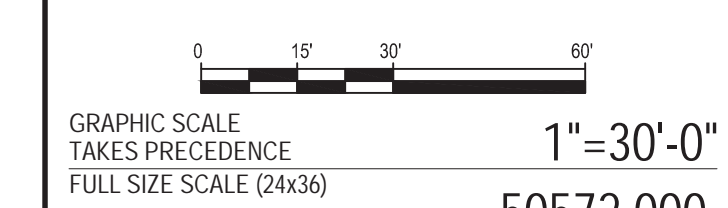
1" = 30'

NOTES:

- REFER TO D-V1.0 FOR SURVEY NOTES.

DRAWING TITLE

TOPOGRAPHIC SURVEY - AREA C



PROJECT NUMBER

D-V1.2

DRAWING NUMBER

18 of 497



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

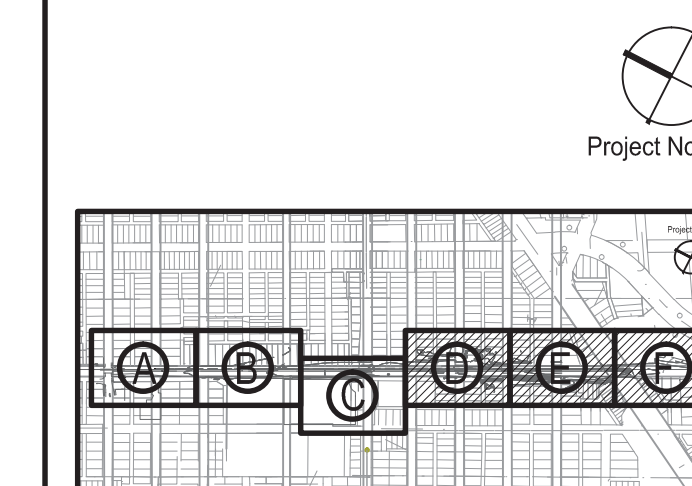
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ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE TOPOGRAPHIC SURVEY - AREAS D, E AND F

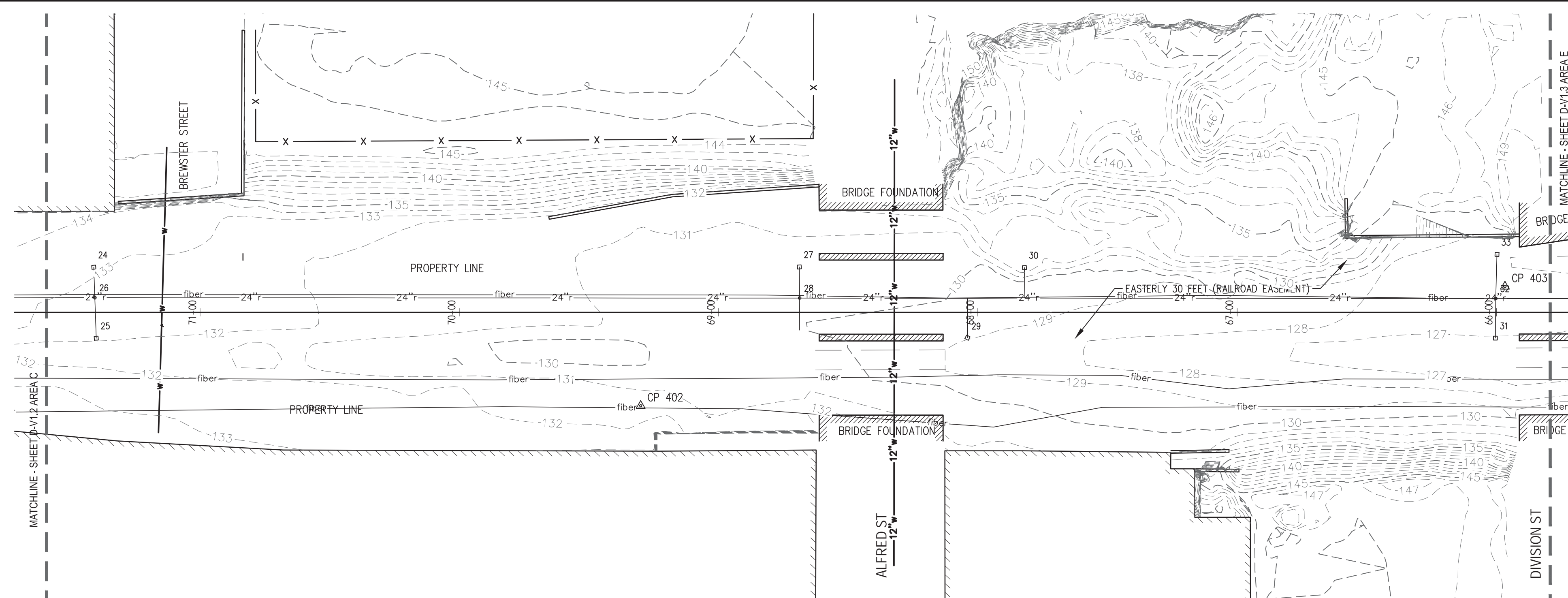
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=30'-0"
50572.000

PROJECT NUMBER

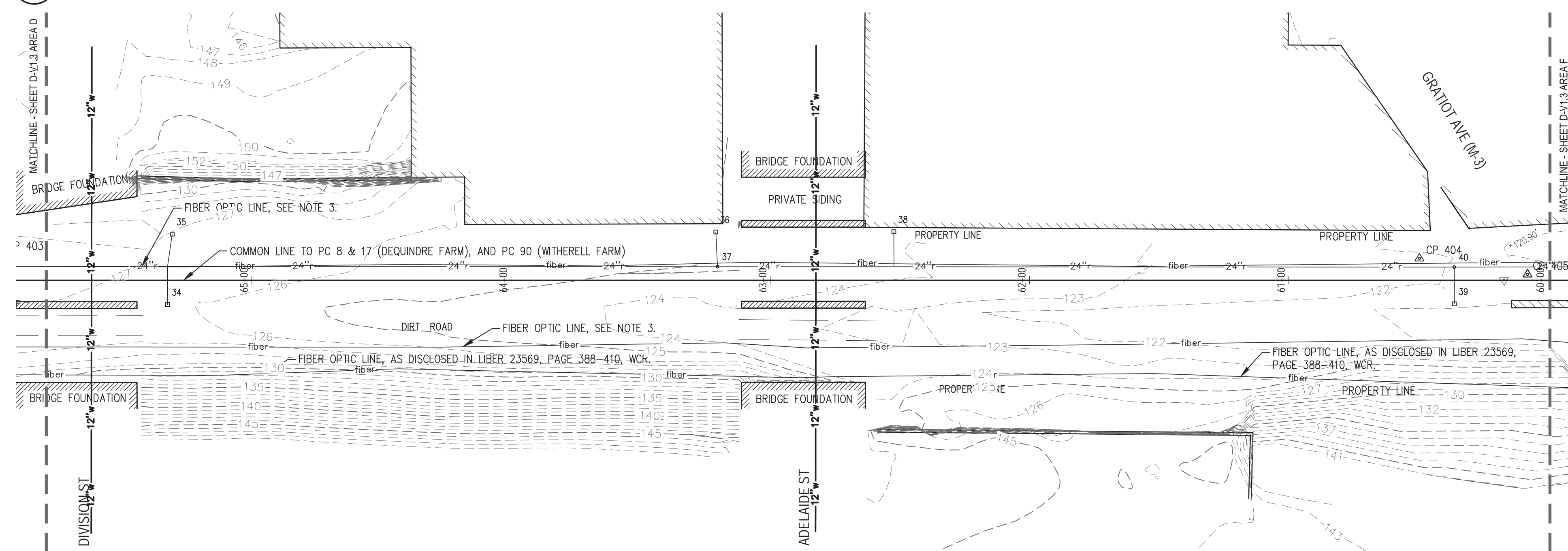
D-V1.3

DRAWING NUMBER

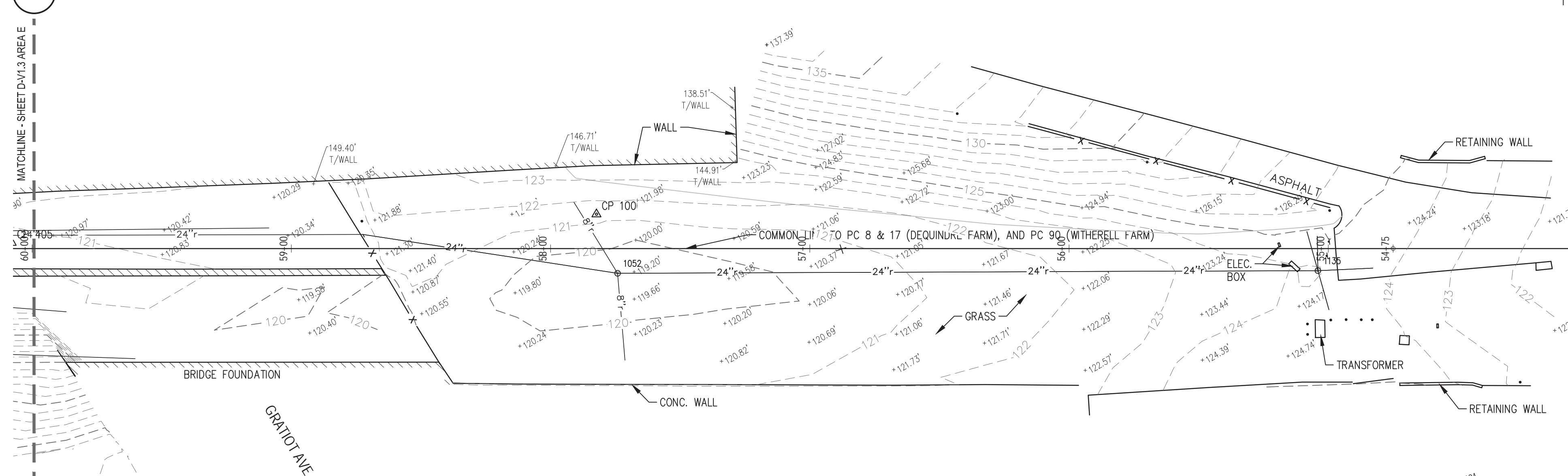
19 of 497



1 TOPOGRAPHIC SURVEY - AREA D 1" = 30'



2 TOPOGRAPHIC SURVEY - AREA E 1" = 30'



3 TOPOGRAPHIC SURVEY - AREA F 1" = 30'

SURVEY LEGEND

- SECTION CORNER
- BENCHMARK
- CONTROL POINT
- FOUND IRON PIPE
- FOUND CONC. MONUMENT
- SET IRON PIPE
- CABLE RISER
- CATCH BASIN
- CURB INLET
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- RIGHT OF WAY
- EASEMENT
- PROPERTY LINE
- EX. FENCE
- EX. CABLE TELEVISION
- EX. COMMUNICATION
- EX. OVERHEAD ELECTRIC
- EX. UNDERGROUND ELECTRIC
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- EX. HOT WATER (STEAM)
- EX. NATURAL GAS
- EX. OVERHEAD UTILITY
- EX. SANITARY SEWER
- EX. STORM SEWER
- EX. WATER MAIN

NOTES:

- REFER TO D-V1.0 FOR SURVEY NOTES.



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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



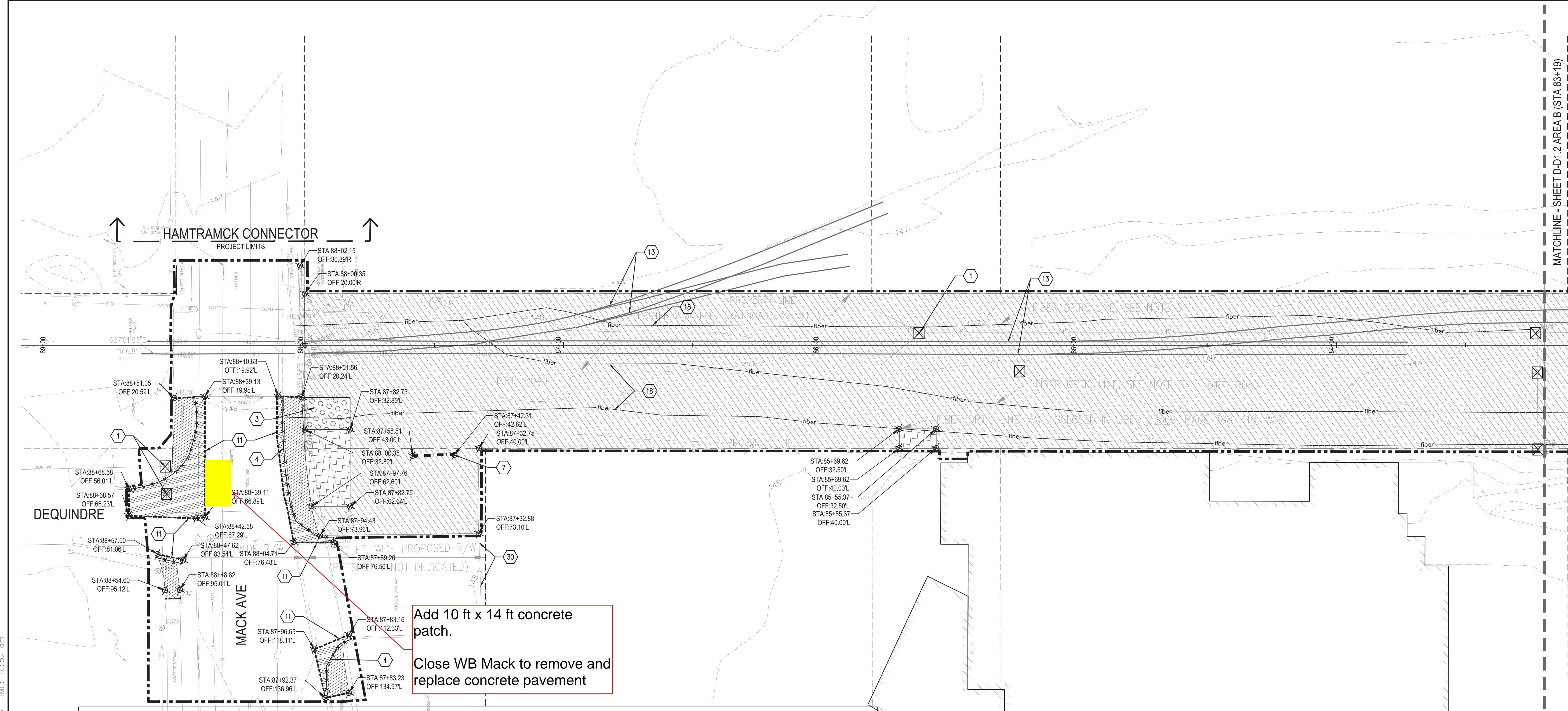
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Corporation of the City of Detroit

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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES



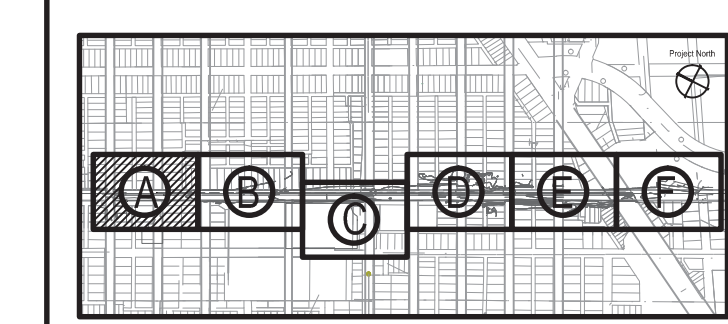
DEQUINDRE CUT GREENWAY - PHASE II

DEMOLITION AND EROSION CONTROL KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE	(3)		EROSION CONTROL, GRAVEL ACCESS APPROACH (R-96-E) COORDINATE WITH MAINTENANCE OF TRAFFIC PLANS	(18)	PROTECTION, FIBER OPTIC LINE, DEQUINDRE CUT
	RIGHT-OF-WAY LINE	(4)		CURB, REM, MODIFIED (INCIDENTAL TO PAVT, REM, MODIFIED)	(19)	COORDINATE SAWCUT LOCATIONS, PAVT, REM, MODIFIED, SIDEWALK, REM, WITH WILKINS BRIDGE DRAWINGS
	PROPERTY LINE	(5)		FENCE, MOVING	(20)	MAINTAIN SECURE FENCED SITE FOR THE GREENING OF DETROIT PROPERTY AT ALL TIME
	RAILROAD EASEMENT LINE	(6)		FENCE, REM	(21)	COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY - GREENING OF DETROIT.
	MATCH LINE	(7)		GUARDRAIL, REM	(22)	REFER TO UTILITY PLAN FOR WATER LINE REMOVAL
	HORIZONTAL ALIGNMENT	(8)		PLANTER, WOOD, REM	(23)	SAWCUT WALL AT MID-POINT OF EXISTING BRICKS
	ADJACENT PROJECT	(9)		RETAINING WALL, REM	(24)	COORDINATION, FIBER OPTIC LINE (CONTRACTOR TO COORDINATE LOWERING / RELOCATION OF FIBER LINE)
	SIDEWALK, REM	(10)		MASONRY AND CONC STRUCTURE, REM (8'-12" BELOW SURFACE, FIELD VERIFY LOCATION)	(25)	PAVEMENT LOCATED 8'-12" BELOW SURFACE, AREA INCLUDES CLEARING, HEAVY, MODIFIED
	PAVT, REM, MODIFIED (FULL PAVEMENT DEPTH REMOVAL INCLUDING SUB-BASE MATERIAL, MAY INCLUDE BRICK / CONCRETE / HMA / AGGREGATE)	(11)		SAWCUT PAVEMENT / CONC. WALL	(26)	PROTECT EXISTING FENCE
	COLD MILLING HMA SURFACE (MIN. 1'-0" WIDE)	(12)		FENCE, CHAIN LINK, 72 INCH, TEMP	(27)	FIELD VERIFY LITTER REMOVAL AREA WITH ENGINEER
	CLEARING, HEAVY, MODIFIED	(13)		PROTECT EXISTING RAILROAD TRACKS	(28)	EXISTING WALL TO REMAIN, PROTECT
	LITTER AND DEBRIS, REM	(14)		FOR BRIDGE WALL REMOVAL AND MODIFICATION REFER TO WILKINS BRIDGE PLAN.	(29)	UTILITY POLE TO REMAIN, PROTECT
	SLOPE ENCROACHMENT, REM. SEE GRADING PLANS	(15)		REFER TO WILKINS, ALFRED, DIVISION, AND ADELAIDE BRIDGE PLANS FOR BRIDGE ABUTMENT REMOVALS AND REPLACEMENT. COORDINATE DEMOLITION ACTIVITIES WITH BRIDGE CONSTRUCTION PLANS.	(30)	FENCE AND AUTOMATIC GATE TO REMAIN, PROTECT
	EROSION CONTROL, INLET PROTECTION, FABRIC DROP (R-96-E)	(16)		EMERGENCY PHONE, RELOCATE (SEE ELEC. PLANS)	(31)	PROTECT DEQUINDRE CUT - PHASE I LANDSCAPING AND PATH
	EROSION CONTROL, SILT FENCE (R-96-E)	(17)		EMERGENCY PHONE HAND HOLE REFER TO ELECTRICAL PLANS FOR MODIFICATION.	(32)	PAVT MRKG, LONGIT, 6 INCHES OR LESS, WIDTH, REM (FIELD VERIFY)

D-D1.1 - DEMOLITION & EROSION CONTROL

QTY	UNIT	ITEM DESCRIPTION
90	Syd	Sidewalk, Rem
96	Syd	Pavt, Rem, Modified
5	Syd	Cold Milling HMA Surface
159	Ft	Curb, Rem, Modified
0.7	Acre	Clearing, Heavy, Modified
28	Cyd	Litter and Debris, Rem
0	Ft	Fence, Moving
0	Ft	Fence, Rem
0	Ea	Fence, Gate, Pedestrian, Relocated
16	Ft	Guardrail, Rem
0	Sft	Retaining Wall, Conc Block, Rem
0	Sft	Retaining Wall, Conc, Rem
0	Sft	Planter, Wood, Rem
0	Ft	Fence, Chain Link, 72 inch, Temp
7	Ea	Erosion Control, Inlet Protection, Fabric Drop
0	Ft	Erosion Control, Silt Fence
1	Ea	Erosion Control, Gravel Access Approach
7	Ea	Erosion Control, Maintenance, Sediment Removal
1	LS	Protection, Fiber Optic Line, Dequindre Cut
0	LS	Coordination, Fiber Optic Line
0.5	LS	Property Access, Protection, Temp
0	Cyd	Masonry and Conc Structure, Rem
0	Ft	Pavt Mrkg, Longit, 6 inches or Less Width, Rem



DRAWING TITLE
DEMOLITION AND EROSION CONTROL PLAN - AREA A

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
5072.000

PROJECT NUMBER
D-D1.1

DRAWING NUMBER
20 of 497

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

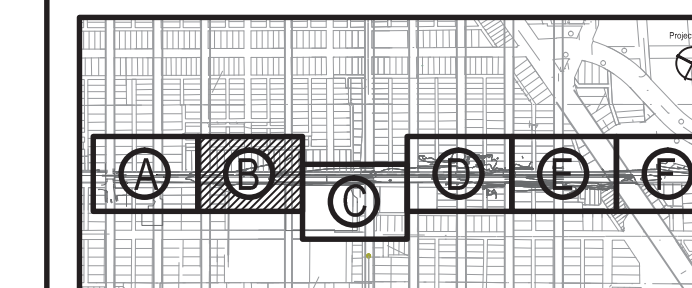
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ISSUED FOR	REV	DATE
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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

DEMOLITION AND EROSION CONTROL PLAN - AREA B

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

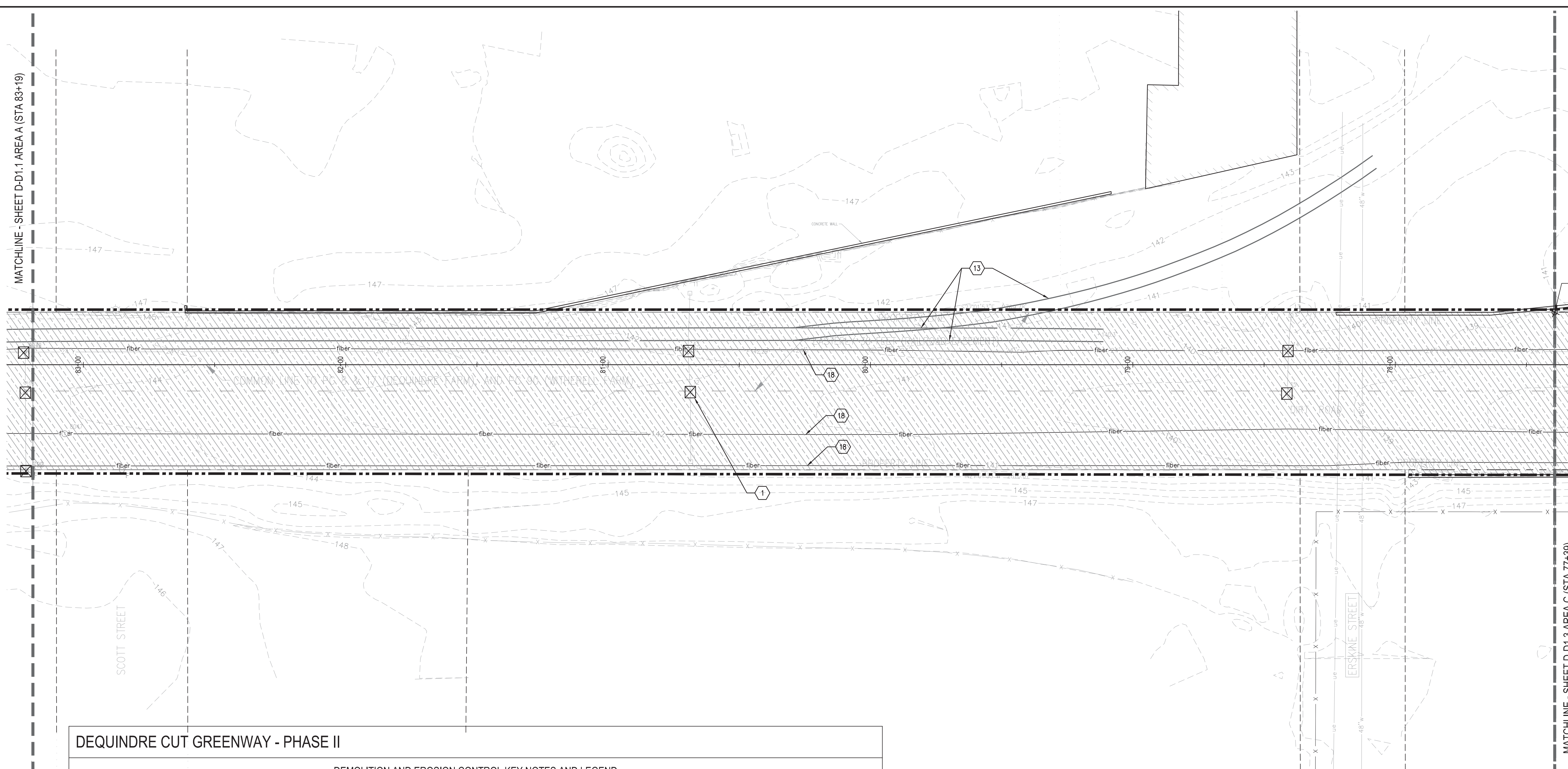
PROJECT NUMBER

D-D1.2

DRAWING NUMBER

21 of 497

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DEQUINDRE CUT GREENWAY - PHASE II

DEMOLITION AND EROSION CONTROL KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		EROSION CONTROL, GRAVEL ACCESS APPROACH (R-96-E) COORDINATE WITH MAINTENANCE OF TRAFFIC PLANS		PROTECTION, FIBER OPTIC LINE, DEQUINDRE CUT
	RIGHT-OF-WAY LINE		CURB, REM, MODIFIED (INCIDENTAL TO PAVT, REM, MODIFIED)		COORDINATE SAWCUT LOCATIONS, PAVT, REM, MODIFIED, SIDEWALK, REM, WITH WILKINS BRIDGE DRAWINGS
	PROPERTY LINE		FENCE, MOVING		MAINTAIN SECURE FENCED SITE FOR THE GREENING OF DETROIT PROPERTY AT ALL TIME
	RAILROAD EASEMENT LINE		FENCE, REM		COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY - GREENING OF DETROIT.
	MATCH LINE		GUARDRAIL, REM		REFER TO UTILITY PLAN FOR WATER LINE REMOVAL
	HORIZONTAL ALIGNMENT		PLANTER, WOOD, REM		SAWCUT WALL AT MID-POINT OF EXISTING BRICKS
	ADJACENT PROJECT		RETAINING WALL, REM		COORDINATION, FIBER OPTIC LINE (CONTRACTOR TO COORDINATE LOWERING / RELOCATION OF FIBER LINE)
	SIDEWALK, REM		MASONRY AND CONC STRUCTURE, REM (8'-12" BELOW SURFACE, FIELD VERIFY LOCATION)		PAVEMENT LOCATED 8'-12" BELOW SURFACE, AREA INCLUDES CLEARING, HEAVY, MODIFIED
	PAVT, REM, MODIFIED (FULL PAVEMENT DEPTH REMOVAL INCLUDING SUB-BASE MATERIAL, MAY INCLUDE BRICK / CONCRETE / HMA / AGGREGATE)		SAWCUT PAVEMENT / CONC. WALL		PROTECT EXISTING FENCE
	COLD MILLING HMA SURFACE (MIN. 1'-0" WIDE)		FENCE, CHAIN LINK, 72 INCH, TEMP		FIELD VERIFY LITTER REMOVAL AREA WITH ENGINEER
	CLEARING, HEAVY, MODIFIED		PROTECT EXISTING RAILROAD TRACKS		EXISTING WALL TO REMAIN, PROTECT
	LITTER AND DEBRIS, REM		FOR BRIDGE WALL REMOVAL AND MODIFICATION REFER TO WILKINS BRIDGE PLAN.		UTILITY POLE TO REMAIN, PROTECT
	SLOPE ENCROACHMENT, REM. SEE GRADING PLANS		REFER TO WILKINS, ALFRED, DIVISION, AND ADELAIDE BRIDGE PLANS FOR BRIDGE ABUTMENT REMOVALS AND REPLACEMENT. COORDINATE DEMOLITION ACTIVITIES WITH BRIDGE CONSTRUCTION PLANS.		FENCE AND AUTOMATIC GATE TO REMAIN, PROTECT
	EROSION CONTROL, INLET PROTECTION, FABRIC DROP (R-96-E)		EMERGENCY PHONE, RELOCATE (SEE ELEC. PLANS)		PROTECT DEQUINDRE CUT - PHASE I LANDSCAPING AND PATH
	EROSION CONTROL, SILT FENCE (R-96-E)		PAVT MRKG, LONGIT, 6 INCHES OR LESS, WIDTH, REM (FIELD VERIFY)		

REFER TO G0.4 FOR DEMOLITION NOTES.

D-D1.2 - DEMOLITION & EROSION CONTROL

QTY	UNIT	ITEM DESCRIPTION
0	Syd	Sidewalk, Rem
0	Syd	PAvt, Rem, Modified
0	Syd	Cold Milling HMA Surface
0	Ft	Curb, Rem, Modified
0.8	Acre	Clearing, Heavy, Modified
0	Cyd	Litter and Debris, Rem
0	Ft	Fence, Moving
0	Ft	Fence, Rem
0	Ea	Fence, Gate, Pedestrian, Relocated
0	Ft	Guardrail, Rem
0	Sft	Retaining Wall, Conc Block, Rem
0	Sft	Retaining Wall, Conc, Rem
0	Sft	Planter, Wood, Rem
0	Ft	Fence, Chain Link, 72 inch, Temp
4	Ea	Erosion Control, Inlet Protection, Fabric Drop
0	Ft	Erosion Control, Silt Fence
4	Ea	Erosion Control, Gravel Access Approach
1	LS	Protection, Fiber Optic Line, Dequindre Cut
0	LS	Coordination, Fiber Optic Line
0	LS	Property Access, Protection, Temp
0	Cyd	Masonry and Conc Structure, Rem
0	Ft	Pavt Mrkg, Longit, 6 inches or Less Width, Rem



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



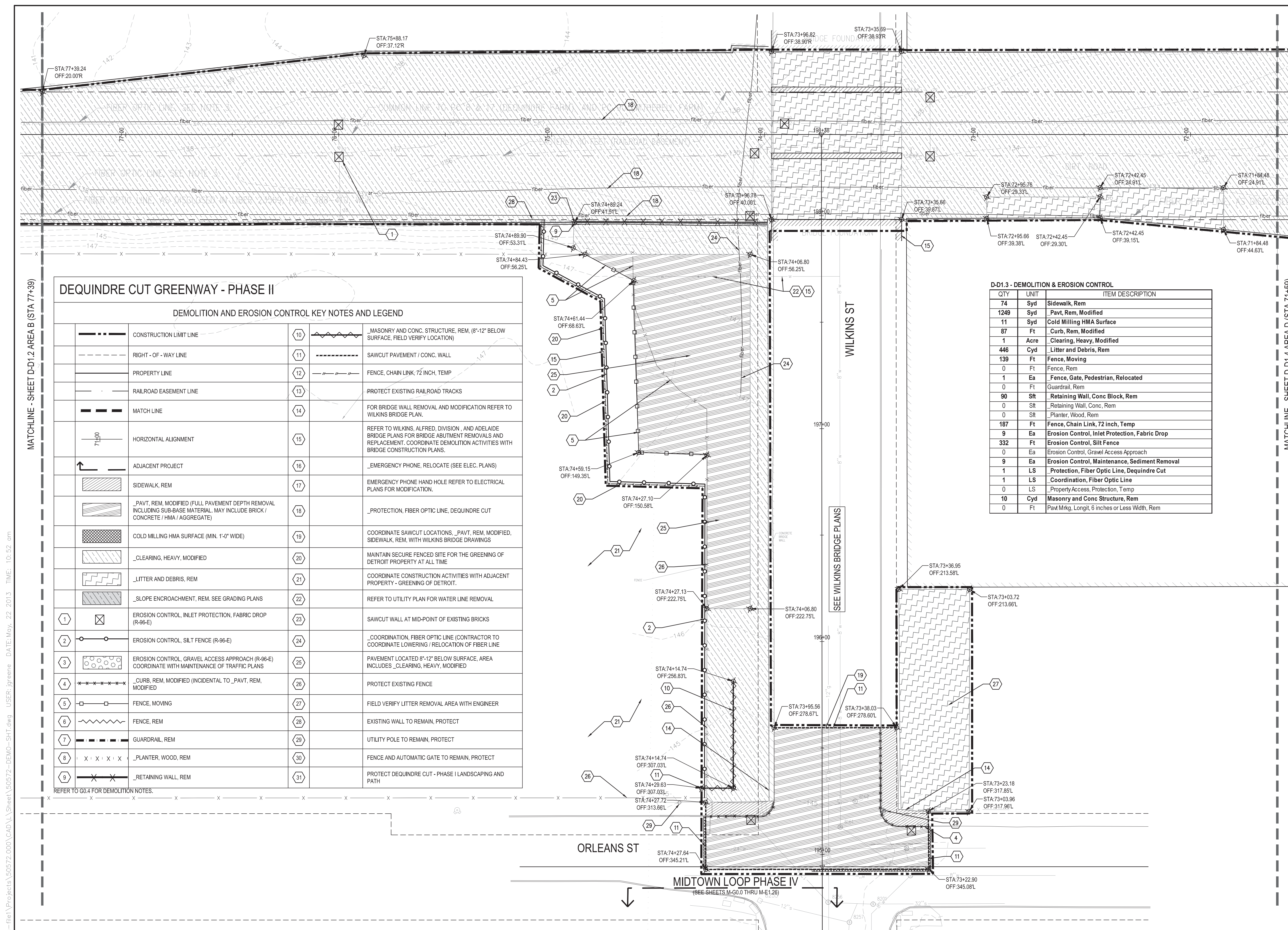
City of Detroit



Economic Development Corporation of the City of Detroit

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DEQUINDRE CUT GREENWAY - PHASE II

DEMOLITION AND EROSION CONTROL KEY NOTES AND LEGEND

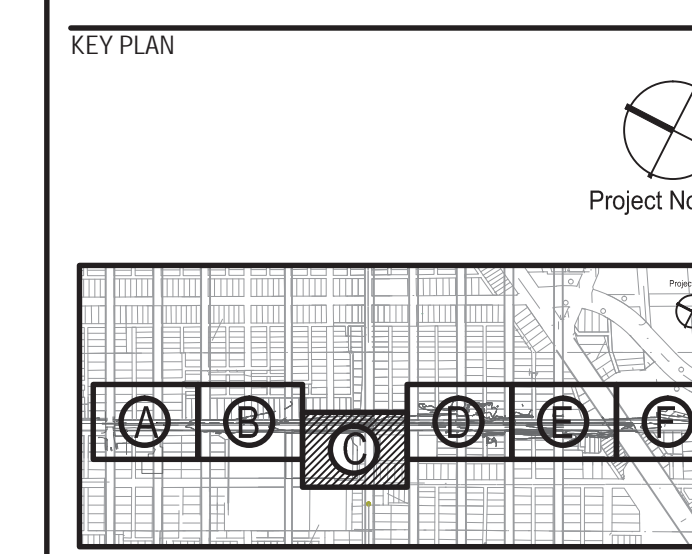
	CONSTRUCTION LIMIT LINE	10		MASONRY AND CONC. STRUCTURE, REM. (8'-12" BELOW SURFACE, FIELD VERIFY LOCATION)
	RIGHT-OF-WAY LINE	11		SAWCUT PAVEMENT / CONC. WALL
	PROPERTY LINE	12		FENCE, CHAIN LINK, 72 INCH, TEMP
	RAILROAD EASEMENT LINE	13		PROTECT EXISTING RAILROAD TRACKS
	MATCH LINE	14		FOR BRIDGE WALL REMOVAL AND MODIFICATION REFER TO WILKINS BRIDGE PLAN.
	HORIZONTAL ALIGNMENT	15		REFER TO WILKINS, ALFRED, DIVISION, AND ADELAIDE BRIDGE PLANS FOR BRIDGE ABUTMENT REMOVALS AND REPLACEMENT. COORDINATE DEMOLITION ACTIVITIES WITH BRIDGE CONSTRUCTION PLANS.
	ADJACENT PROJECT	16		EMERGENCY PHONE, RELOCATE (SEE ELEC. PLANS)
	SIDEWALK, REM	17		EMERGENCY PHONE HAND HOLE REFER TO ELECTRICAL PLANS FOR MODIFICATION.
	PAVT, REM, MODIFIED (FULL PAVEMENT DEPTH REMOVAL INCLUDING SUB-BASE MATERIAL. MAY INCLUDE BRICK / CONCRETE / HMA / AGGREGATE)	18		PROTECTION, FIBER OPTIC LINE, DEQUINDRE CUT
	COLD MILLING HMA SURFACE (MIN. 1'-0" WIDE)	19		COORDINATE SAWCUT LOCATIONS, PAVT, REM, MODIFIED, SIDEWALK, REM, WITH WILKINS BRIDGE DRAWINGS
	CLEARING, HEAVY, MODIFIED	20		MAINTAIN SECURE FENCED SITE FOR THE GREENING OF DETROIT PROPERTY AT ALL TIME
	LITTER AND DEBRIS, REM	21		COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY - GREENING OF DETROIT.
	SLOPE ENCROACHMENT, REM. SEE GRADING PLANS	22		REFER TO UTILITY PLAN FOR WATER LINE REMOVAL
	EROSION CONTROL, INLET PROTECTION, FABRIC DROP (R-96-E)	23		SAWCUT WALL AT MID-POINT OF EXISTING BRICKS
	EROSION CONTROL, SILT FENCE (R-96-E)	24		COORDINATION, FIBER OPTIC LINE (CONTRACTOR TO COORDINATE LOWERING / RELOCATION OF FIBER LINE)
	EROSION CONTROL, GRAVEL ACCESS APPROACH (R-96-E) COORDINATE WITH MAINTENANCE OF TRAFFIC PLANS	25		PAVEMENT LOCATED 8'-12" BELOW SURFACE, AREA INCLUDES CLEARING, HEAVY, MODIFIED
	CURB, REM, MODIFIED (INCIDENTAL TO PAVT, REM, MODIFIED)	26		PROTECT EXISTING FENCE
	FENCE, MOVING	27		FIELD VERIFY LITTER REMOVAL AREA WITH ENGINEER
	FENCE, REM	28		EXISTING WALL TO REMAIN, PROTECT
	GUARDRAIL, REM	29		UTILITY POLE TO REMAIN, PROTECT
	PLANTER, WOOD, REM	30		FENCE AND AUTOMATIC GATE TO REMAIN, PROTECT
	RETAINING WALL, REM	31		PROTECT DEQUINDRE CUT - PHASE I LANDSCAPING AND PATH

D-D1.3 - DEMOLITION & EROSION CONTROL

QTY	UNIT	ITEM DESCRIPTION
74	Syd	Sidewalk, Rem
1249	Syd	PAvt, Rem, Modified
11	Syd	Cold Milling HMA Surface
87	Ft	Curb, Rem, Modified
1	Acre	Clearing, Heavy, Modified
446	Cyd	Litter and Debris, Rem
139	Ft	Fence, Moving
0	Ft	Fence, Rem
1	Ea	Fence, Gate, Pedestrian, Relocated
0	Ft	Guardrail, Rem
90	Sft	Retaining Wall, Conc Block, Rem
0	Sft	Retaining Wall, Conc, Rem
0	Sft	Planter, Wood, Rem
187	Ft	Fence, Chain Link, 72 inch, Temp
9	Ea	Erosion Control, Inlet Protection, Fabric Drop
332	Ft	Erosion Control, Silt Fence
0	Ea	Erosion Control, Gravel Access Approach
9	Ea	Erosion Control, Maintenance, Sediment Removal
1	LS	Protection, Fiber Optic Line, Dequindre Cut
1	LS	Coordination, Fiber Optic Line
0	LS	Property Access, Protection, Temp
10	Cyd	Masonry and Conc Structure, Rem
0	Ft	PAvt M/Rkg, Longit, 6 inches or Less Width, Rem

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES



DRAWING TITLE
DEMOLITION AND EROSION CONTROL PLAN - AREA C

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50752.000

PROJECT NUMBER
D-D1.3

DRAWING NUMBER
22 of 497



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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

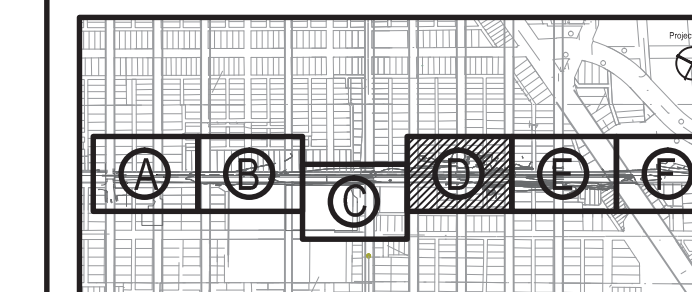
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SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
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ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

DEMOLITION AND EROSION CONTROL PLAN - AREA D

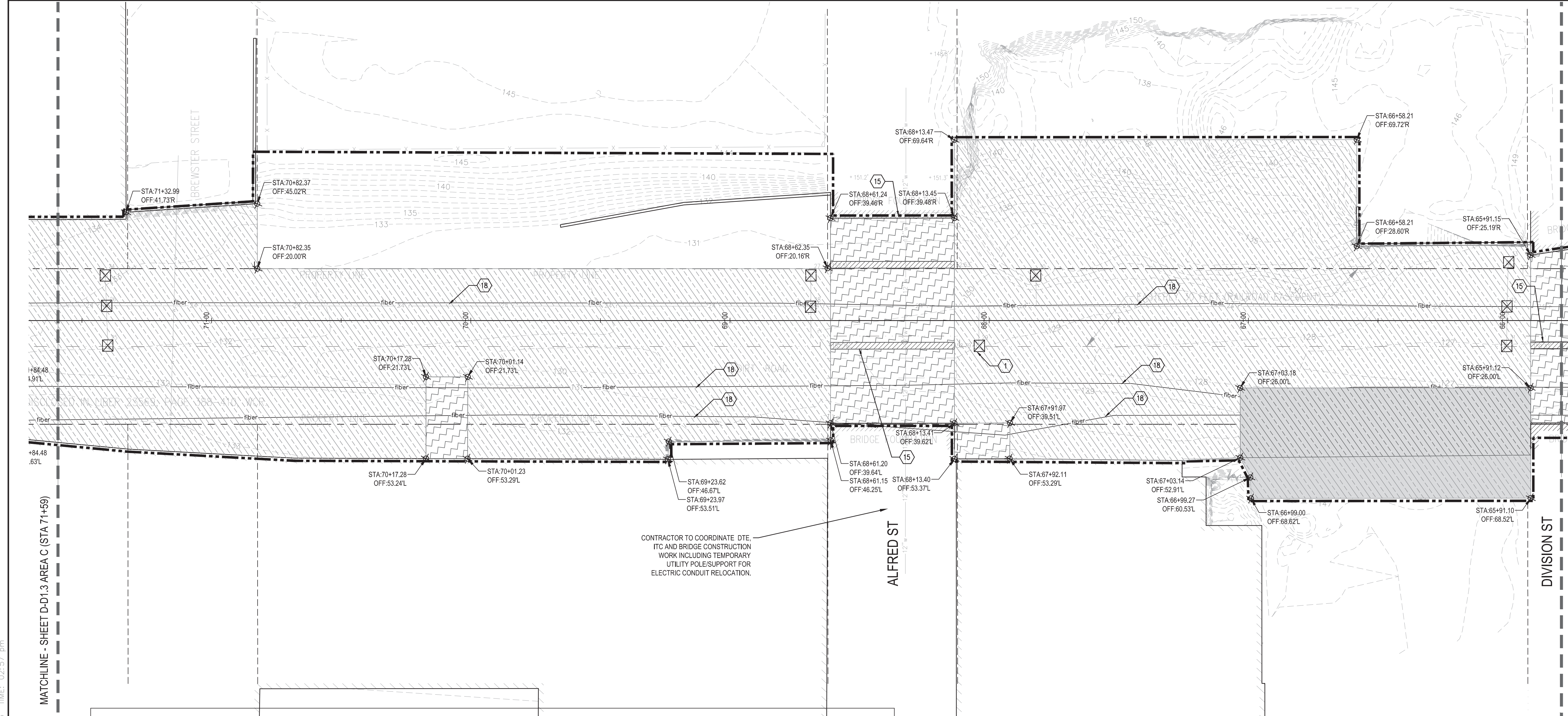
GRAPHIC SCALE TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50752.000

PROJECT NUMBER

D-D1.4

DRAWING NUMBER

23 of 497



DEQUINDRE CUT GREENWAY - PHASE II

DEMOLITION AND EROSION CONTROL KEY NOTES AND LEGEND

---	CONSTRUCTION LIMIT LINE	3	EROSION CONTROL, GRAVEL ACCESS APPROACH (R-96-E) COORDINATE WITH MAINTENANCE OF TRAFFIC PLANS	18	_PROTECTION, FIBER OPTIC LINE, DEQUINDRE CUT
- - - -	RIGHT-OF-WAY LINE	4	_CURB, REM, MODIFIED (INCIDENTAL TO _PAVT, REM, MODIFIED)	19	COORDINATE SAWCUT LOCATIONS, _PAVT, REM, MODIFIED, SIDEWALK, REM, WITH WILKINS BRIDGE DRAWINGS
---	PROPERTY LINE	5	FENCE, MOVING	20	MAINTAIN SECURE FENCED SITE FOR THE GREENING OF DETROIT PROPERTY AT ALL TIME
---	RAILROAD EASEMENT LINE	6	FENCE, REM	21	COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY - GREENING OF DETROIT
---	MATCH LINE	7	GUARDRAIL, REM	22	REFER TO UTILITY PLAN FOR WATER LINE REMOVAL
---	HORIZONTAL ALIGNMENT	8	_PLANTER, WOOD, REM	23	SAWCUT WALL AT MID-POINT OF EXISTING BRICKS
---	ADJACENT PROJECT	9	_RETAINING WALL, REM	24	_COORDINATION, FIBER OPTIC LINE (CONTRACTOR TO COORDINATE LOWERING / RELOCATION OF FIBER LINE)
---	SIDEWALK, REM	10	_MASONRY AND CONC STRUCTURE, REM (8'-12" BELOW SURFACE, FIELD VERIFY LOCATION)	25	PAVEMENT LOCATED 8'-12" BELOW SURFACE, AREA INCLUDES _CLEARING, HEAVY, MODIFIED
---	_PAVT, REM, MODIFIED (FULL PAVEMENT DEPTH REMOVAL INCLUDING SUB-BASE MATERIAL. MAY INCLUDE BRICK / CONCRETE / HMA / AGGREGATE)	11	SAWCUT PAVEMENT / CONC. WALL	26	PROTECT EXISTING FENCE
---	COLD MILLING HMA SURFACE (MIN. 1'-0" WIDE)	12	FENCE, CHAIN LINK, 72 INCH, TEMP	27	FIELD VERIFY LITTER REMOVAL AREA WITH ENGINEER
---	_CLEARING, HEAVY, MODIFIED	13	PROTECT EXISTING RAILROAD TRACKS	28	EXISTING WALL TO REMAIN, PROTECT
---	_LITTER AND DEBRIS, REM	14	FOR BRIDGE WALL REMOVAL AND MODIFICATION REFER TO WILKINS BRIDGE PLAN.	29	UTILITY POLE TO REMAIN, PROTECT
---	_SLOPE ENCROACHMENT, REM. SEE GRADING PLANS	15	REFER TO WILKINS, ALFRED, DIVISION, AND ADELAIDE BRIDGE PLANS FOR BRIDGE ABUTMENT REMOVALS AND REPLACEMENT. COORDINATE DEMOLITION ACTIVITIES WITH BRIDGE CONSTRUCTION PLANS.	30	FENCE AND AUTOMATIC GATE TO REMAIN, PROTECT
1	EROSION CONTROL, INLET PROTECTION, FABRIC DROP (R-96-E)	16	_EMERGENCY PHONE, RELOCATE (SEE ELEC. PLANS)	31	PROTECT DEQUINDRE CUT - PHASE I LANDSCAPING AND PATH
2	EROSION CONTROL, SILT FENCE (R-96-E)	17	EMERGENCY PHONE HAND HOLE REFER TO ELECTRICAL PLANS FOR MODIFICATION.	32	PAVT MRKG, LONGIT, 6 INCHES OR LESS, WIDTH, REM (FIELD VERIFY)

D-D1.4 - DEMOLITION & EROSION CONTROL

QTY	UNIT	ITEM DESCRIPTION
0	Syd	Sidewalk, Rem
0	Syd	_Pav, Rem, Modified
0	Syd	Cold Milling HMA Surface
0	Ft	_Curb, Rem, Modified
1.11	Acre	Clearing, Heavy, Modified
268	Cyd	Litter and Debris, Rem
0	Ft	Fence, Moving
0	Ft	Fence, Rem
0	Ea	_Fence, Gate, Pedestrian, Relocated
0	Ft	Guardrail, Rem
0	Sft	_Retaining Wall, Conc Block, Rem
0	Sft	_Retaining Wall, Conc, Rem
0	Sft	Planter, Wood, Rem
0	Ft	Fence, Chain Link, 72 inch, Temp
10	Ea	Erosion Control, Inlet Protection, Fabric Drop
0	Ft	Erosion Control, Silt Fence
0	Ea	Erosion Control, Gravel Access Approach
10	Ea	Erosion Control, Maintenance, Sediment Removal
1	LS	Protection, Fiber Optic Line, Dequindre Cut
0	LS	_Coordination, Fiber Optic Line
0	LS	_Property Access, Protection, Temp
0	Cyd	Masonry and Conc Structure, Rem
0	Ft	Pav Mrkg, Longit, 6 inches or Less Width, Rem

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit

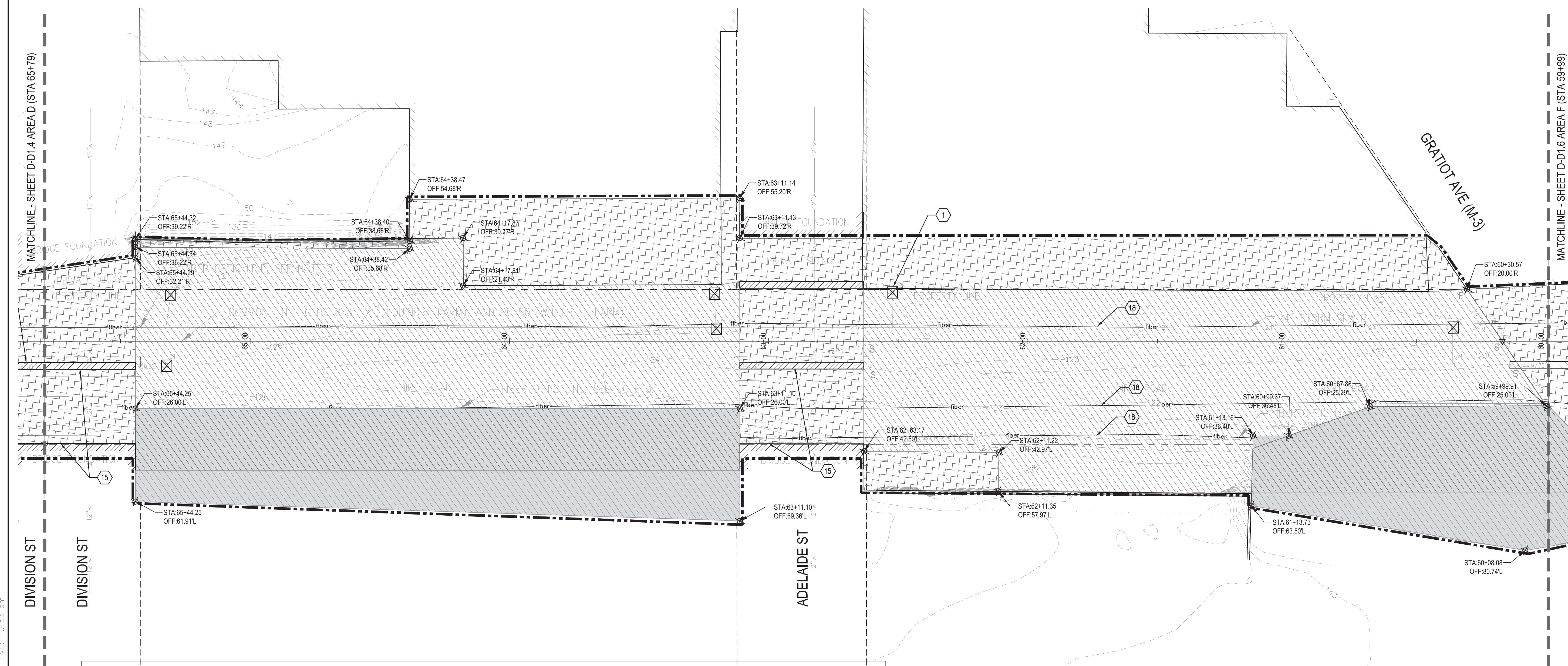


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ISSUED FOR	REV	DATE
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100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES



DEQUINDRE CUT GREENWAY - PHASE II

DEMOLITION AND EROSION CONTROL KEY NOTES AND LEGEND

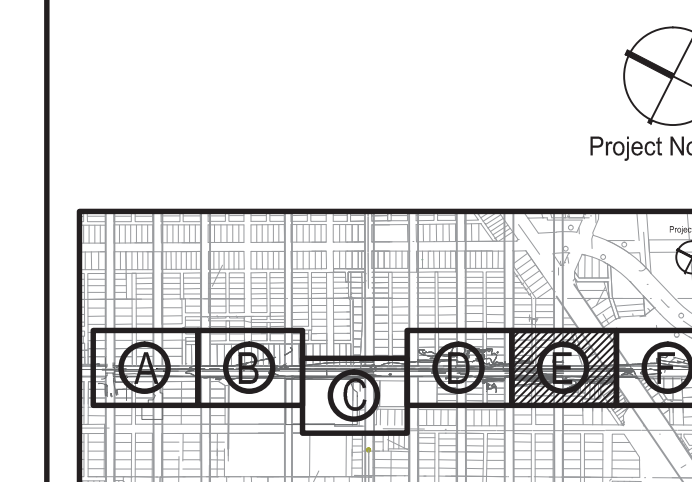
Symbol	Description	Symbol	Description
--- (dashed)	CONSTRUCTION LIMIT LINE	18	_PROTECTION, FIBER OPTIC LINE, DEQUINDRE CUT
- - - - - (long dashed)	RIGHT-OF-WAY LINE	19	COORDINATE SAWCUT LOCATIONS, PAVT, REM, MODIFIED, SIDEWALK, REM, WITH WILKINS BRIDGE DRAWINGS
---	PROPERTY LINE	20	MAINTAIN SECURE FENCED SITE FOR THE GREENING OF DETROIT PROPERTY AT ALL TIME
---	RAILROAD EASEMENT LINE	21	COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY - GREENING OF DETROIT.
---	MATCH LINE	22	REFER TO UTILITY PLAN FOR WATER LINE REMOVAL
--- (solid)	HORIZONTAL ALIGNMENT	23	SAWCUT WALL AT MID-POINT OF EXISTING BRICKS
---	ADJACENT PROJECT	24	_COORDINATION, FIBER OPTIC LINE (CONTRACTOR TO COORDINATE LOWERING / RELOCATION OF FIBER LINE
///	SIDEWALK, REM	25	PAVEMENT LOCATED 8"-12" BELOW SURFACE, AREA INCLUDES _CLEARING, HEAVY, MODIFIED
///	PAVT, REM, MODIFIED (FULL PAVEMENT DEPTH REMOVAL INCLUDING SUB-BASE MATERIAL, MAY INCLUDE BRICK / CONCRETE / HMA / AGGREGATE)	26	PROTECT EXISTING FENCE
///	COLD MILLING HMA SURFACE (MIN. 1'-0" WIDE)	27	FIELD VERIFY LITTER REMOVAL AREA WITH ENGINEER
///	_CLEARING, HEAVY, MODIFIED	28	EXISTING WALL TO REMAIN, PROTECT
///	_LITTER AND DEBRIS, REM	29	UTILITY POLE TO REMAIN, PROTECT
///	_SLOPE ENCROACHMENT, REM. SEE GRADING PLANS	30	FENCE AND AUTOMATIC GATE TO REMAIN, PROTECT
1	EROSION CONTROL, INLET PROTECTION, FABRIC DROP (R-96-E)	31	PROTECT DEQUINDRE CUT - PHASE I LANDSCAPING AND PATH
2	EROSION CONTROL, SILT FENCE (R-96-E)	32	PAVT MRKG, LONGIT, 6 INCHES OR LESS, WIDTH, REM (FIELD VERIFY)

REFER TO G0.4 FOR DEMOLITION NOTES.

D-D1.5 - DEMOLITION & EROSION CONTROL

QTY	UNIT	ITEM DESCRIPTION
0	Syd	Sidewalk, Rem
0	Syd	_Pav, Rem, Modified
0	Syd	Cold Milling HMA Surface
0	Ft	_Curb, Rem, Modified
0.99	Acre	_Clearing, Heavy, Modified
647	Cyd	_Litter and Debris, Rem
0	Ft	Fence, Moving
0	Ft	Fence, Rem
0	Ea	_Fence, Gate, Pedestrian, Relocated
0	Ft	Guardrail, Rem
0	Sft	_Retaining Wall, Conc Block, Rem
0	Sft	_Retaining Wall, Conc, Rem
0	Sft	_Planter, Wood, Rem
0	Ft	Fence, Chain Link, 72 inch, Temp
6	Ea	Erosion Control, Inlet Protection, Fabric Drop
0	Ft	Erosion Control, Silt Fence
0	Ea	Erosion Control, Gravel Access Approach
6	Ea	Erosion Control, Maintenance, Sediment Removal
1	LS	_Protection, Fiber Optic Line, Dequindre Cut
0	LS	_Coordination, Fiber Optic Line
0	LS	_Property Access, Protection, Temp
0	Cyd	Masonry and Conc Structure, Rem
0	Ft	Pav Mrkg, Longit, 6 inches or Less Width, Rem

KEY PLAN



DRAWING TITLE

DEMOLITION AND EROSION CONTROL PLAN - AREA E

GRAPHIC SCALE 1" = 20'-0"
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
50572.000

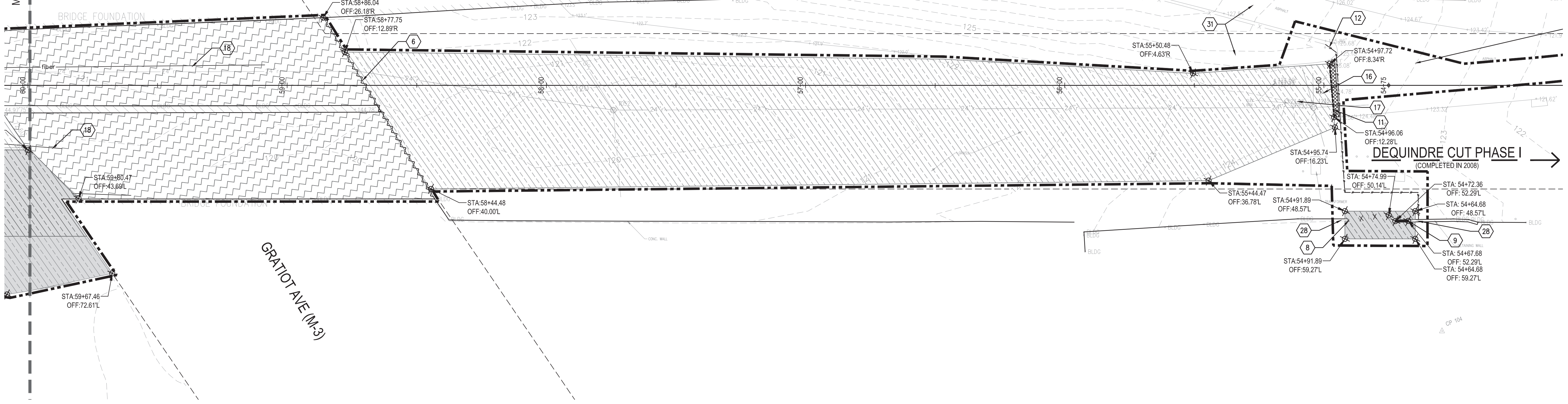
PROJECT NUMBER

D-D1.5

DRAWING NUMBER



MATCHLINE - SHEET D-D1.5 AREA E (STA 59+99)



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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ANN ARBOR, MI 48104
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ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

DEQUINDRE CUT GREENWAY - PHASE II

DEMOLITION AND EROSION CONTROL KEY NOTES AND LEGEND

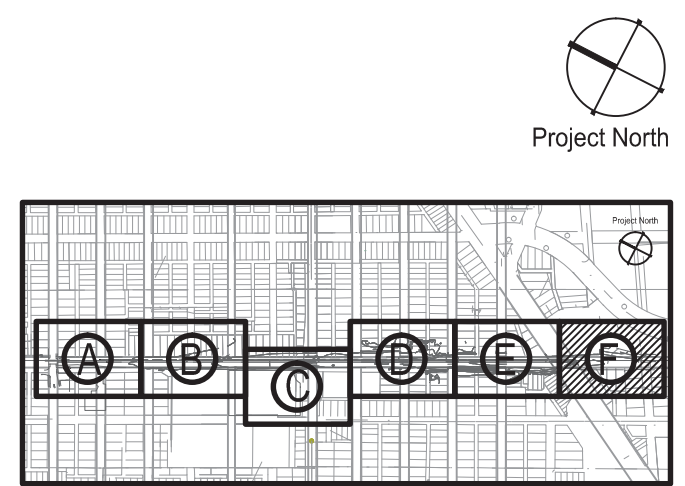
	CONSTRUCTION LIMIT LINE	(3)		EROSION CONTROL, GRAVEL ACCESS APPROACH (R-96-E) COORDINATE WITH MAINTENANCE OF TRAFFIC PLANS	(18)	PROTECTION, FIBER OPTIC LINE, DEQUINDRE CUT
	RIGHT - OF - WAY LINE	(4)		_CURB, REM, MODIFIED (INCIDENTAL TO _PAVT, REM, MODIFIED)	(19)	COORDINATE SAWCUT LOCATIONS, _PAVT, REM, MODIFIED, SIDEWALK, REM, WITH WILKINS BRIDGE DRAWINGS
	PROPERTY LINE	(5)		FENCE, MOVING	(20)	MAINTAIN SECURE FENCED SITE FOR THE GREENING OF DETROIT PROPERTY AT ALL TIME
	RAILROAD EASEMENT LINE	(6)		FENCE, REM	(21)	COORDINATE CONSTRUCTION ACTIVITIES WITH ADJACENT PROPERTY - GREENING OF DETROIT.
	MATCH LINE	(7)		GUARDRAIL, REM	(22)	REFER TO UTILITY PLAN FOR WATER LINE REMOVAL
	HORIZONTAL ALIGNMENT	(8)		_PLANTER, WOOD, REM	(23)	SAWCUT WALL AT MID-POINT OF EXISTING BRICKS
	ADJACENT PROJECT	(9)		_RETAINING WALL, REM	(24)	_COORDINATION, FIBER OPTIC LINE (CONTRACTOR TO COORDINATE LOWERING / RELOCATION OF FIBER LINE)
	SIDEWALK, REM	(10)		_MASONRY AND CONC STRUCTURE, REM (8'-12" BELOW SURFACE, FIELD VERIFY LOCATION)	(25)	PAVEMENT LOCATED 8'-12" BELOW SURFACE, AREA INCLUDES _CLEARING, HEAVY, MODIFIED
	_PAVT, REM, MODIFIED (FULL PAVEMENT DEPTH REMOVAL INCLUDING SUB-BASE MATERIAL, MAY INCLUDE BRICK / CONCRETE / HMA / AGGREGATE)	(11)		SAWCUT PAVEMENT / CONC. WALL	(26)	PROTECT EXISTING FENCE
	COLD MILLING HMA SURFACE (MIN. 1'-0" WIDE)	(12)		FENCE, CHAIN LINK, 72 INCH, TEMP	(27)	FIELD VERIFY LITTER REMOVAL AREA WITH ENGINEER
	_CLEARING, HEAVY, MODIFIED	(13)		PROTECT EXISTING RAILROAD TRACKS	(28)	EXISTING WALL TO REMAIN, PROTECT
	_LITTER AND DEBRIS, REM	(14)		FOR BRIDGE WALL REMOVAL AND MODIFICATION REFER TO WILKINS BRIDGE PLAN.	(29)	UTILITY POLE TO REMAIN, PROTECT
	_SLOPE ENCROACHMENT, REM, SEE GRADING PLANS	(15)		REFER TO WILKINS, ALFRED, DIVISION, AND ADELAIDE BRIDGE PLANS FOR BRIDGE ABUTMENT REMOVALS AND REPLACEMENT. COORDINATE DEMOLITION ACTIVITIES WITH BRIDGE CONSTRUCTION PLANS.	(30)	FENCE AND AUTOMATIC GATE TO REMAIN, PROTECT
	EROSION CONTROL, INLET PROTECTION, FABRIC DROP (R-96-E)	(16)		_EMERGENCY PHONE, RELOCATE (SEE ELEC. PLANS)	(31)	PROTECT DEQUINDRE CUT - PHASE I LANDSCAPING AND PATH
	EROSION CONTROL, SILT FENCE (R-96-E)	(17)		EMERGENCY PHONE HAND HOLE REFER TO ELECTRICAL PLANS FOR MODIFICATION.	(32)	PAVT MRKG, LONGIT, 6 INCHES OR LESS, WIDTH, REM (FIELD VERIFY)

REFER TO G0.4 FOR DEMOLITION NOTES.

D-D1.6 - DEMOLITION & EROSION CONTROL

QTY	UNIT	ITEM DESCRIPTION
0	Syd	Sidewalk, Rem
0	Syd	Pav, Rem, Modified
9	Syd	Cold Milling HMA Surface
0	Ft	Curb, Rem, Modified
0.4	Acre	Clearing, Heavy, Modified
320	Cyd	Litter and Debris, Rem
0	Ft	Fence, Moving
82	Ft	Fence, Rem
0	Ea	Fence, Gate, Pedestrian, Relocated
0	Ft	Guardrail, Rem
0	Sft	Retaining Wall, Conc Block, Rem
5	Sft	Retaining Wall, Conc, Rem
62	Sft	Planter, Wood, Rem
98	Ft	Fence, Chain Link, 72 inch, Temp
1	Ea	Erosion Control, Inlet Protection, Fabric Drop
0	Ft	Erosion Control, Silt Fence
0	Ea	Erosion Control, Gravel Access Approach
1	Ea	Erosion Control, Maintenance, Sediment Removal
1	LS	Protection, Fiber Optic Line, Dequindre Cut
0	LS	_Coordination, Fiber Optic Line
0	LS	Property Access, Protection, Temp
0	Cyd	Masonry and Conc Structure, Rem
179	Ft	Pavt Mrkg, Longit, 6 inches or Less Width, Rem

KEY PLAN



DRAWING TITLE

DEMOLITION AND EROSION CONTROL PLAN - AREA F

GRAPHIC SCALE 1" = 20'-0"
TAKES PRECEDENCE FULL SIZE SCALE (24x36) 50572.000

PROJECT NUMBER

D-D1.6

DRAWING NUMBER

25 of 497



Dequindre Cut
Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

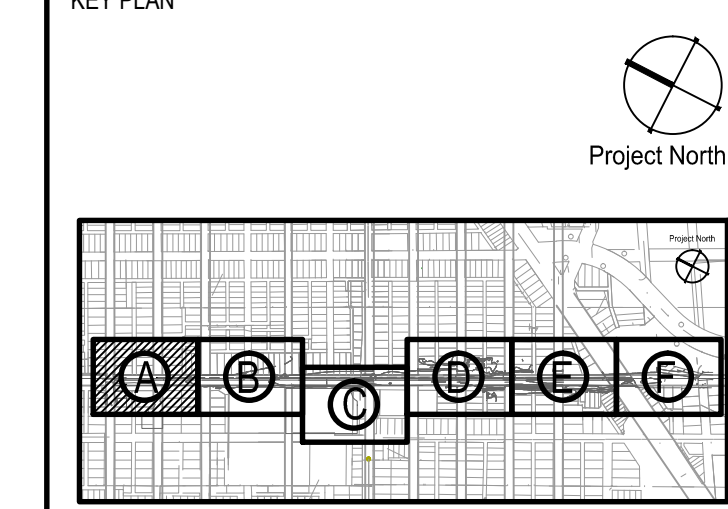
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ISSUED FOR	REV	DATE
BULLETIN #1	6	APR 20 2015
BIDDING DOCUMENTS	5	MAY 21 2013
BIDDING DOCUMENTS	4	MAY 02 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01 2013
GRADE INSPECTION	2	JAN 30 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05 2012

SEALS AND SIGNATURES

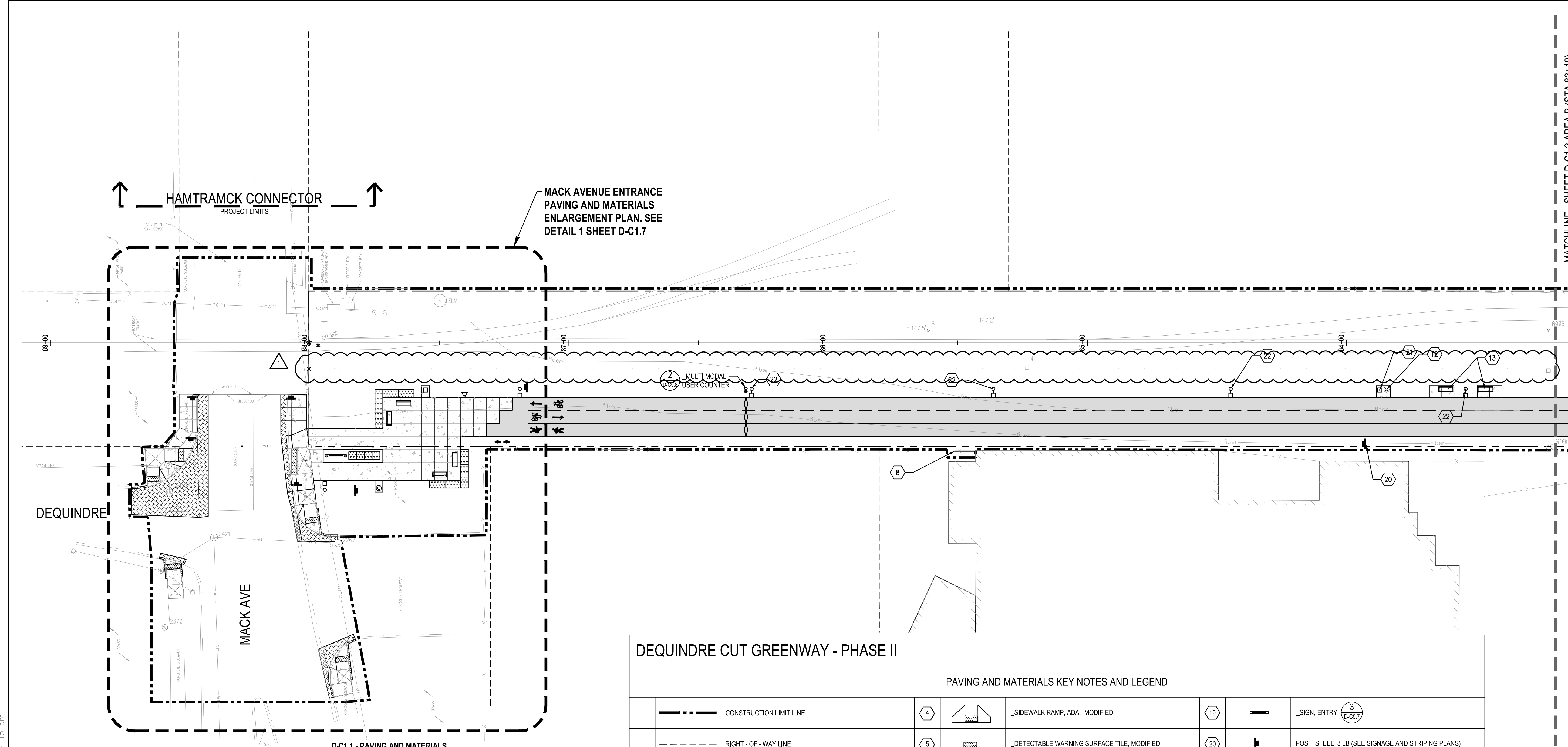
KEY PLAN



DRAWING TITLE
**PAVING AND MATERIALS
PLAN - AREA A**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER
D-C1.1
DRAWING NUMBER
26 of 497



MACK AVENUE ENTRANCE
PAVING AND MATERIALS
ENLARGEMENT PLAN. SEE
DETAIL 1 SHEET D-C1.7

DEQUINDRE CUT GREENWAY - PHASE II

PAVING AND MATERIALS KEY NOTES AND LEGEND

---	CONSTRUCTION LIMIT LINE	4		_SIDEWALK RAMP, ADA, MODIFIED	19		_SIGN, ENTRY (3) (D-C5.7)
---	RIGHT - OF - WAY LINE	5		_DETECTABLE WARNING SURFACE TILE, MODIFIED	20		POST STEEL 3 LB (SEE SIGNAGE AND STRIPING PLANS)
---	PROPERTY LINE	6		DRIVEWAY OPENING, CONC, DET M (R-29+H)	21		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
---	PROPOSED EASEMENT LINE	7		_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)	22		_FIXTURE TYPE D_ (SEE ELECTRICAL PLANS)
---	MATCH LINE	8		_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)	23		WELDED WIRE TRELLIS SYSTEM (1) (D-C5.10)
---	HORIZONTAL ALIGNMENT	9		_FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED) (5) (D-C5.3)	24		_CANOPY STRUCTURE (1) (D-C5.9)
---	ADJACENT PROJECT	10		_FENCE, GATE, PEDESTRIAN, RELOCATE	25		_TABLE, TYPE D1 (3) (D-C5.7)
	PAVT MRKG, (SEE SIGNAGE AND STRIPING PLANS)	11		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)	26		_TABLE, TYPE D2 (4) (D-C5.7)
	_SIDEWALK, CONC, 6 INCH, MODIFIED (1) (D-C5.0)	12		_TRASH RECEPTACLE, TYPE D (1) (D-C5.7)	27		_BIKE RACK, TYPE D (5) (D-C5.2)
	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED (2) (D-C5.0)	13		_BENCH, TYPE D (2) (D-C5.7)	28	PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE	
	SHARED USE PATH, HMA (4) (D-C5.0)	14		_RETAINING WALL, TYPE 1 (REFER TO GRADING PLANS) (1) (D-C5.9)	29	_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND (6) (D-C5.3) _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1	
	HMA, 4E3 (3) (D-C5.0)	15		_RETAINING WALL, TYPE 2 (REFER TO GRADING PLANS) (1) (D-C8.19)	30		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.7)
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED (3) (D-C5.1)	16		_STEPS CONC MODIFIED (3) (D-C5.6)	31		_SIGN, FDN (7) (D-C5.7)
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO HMA (2) (D-C5.1)	17		_HAND RAIL, TYPE D (3) (D-C5.4)	32		FENCE, END PANEL SECTION AT STRUCTURE (2) (D-C5.3)
	_CURB, CONC, SEPERATE, 6 INCH, MODIFIED (4) (D-C5.1)	18		_RAILING, BARRIER, TYPE D (1) (D-C5.5)			

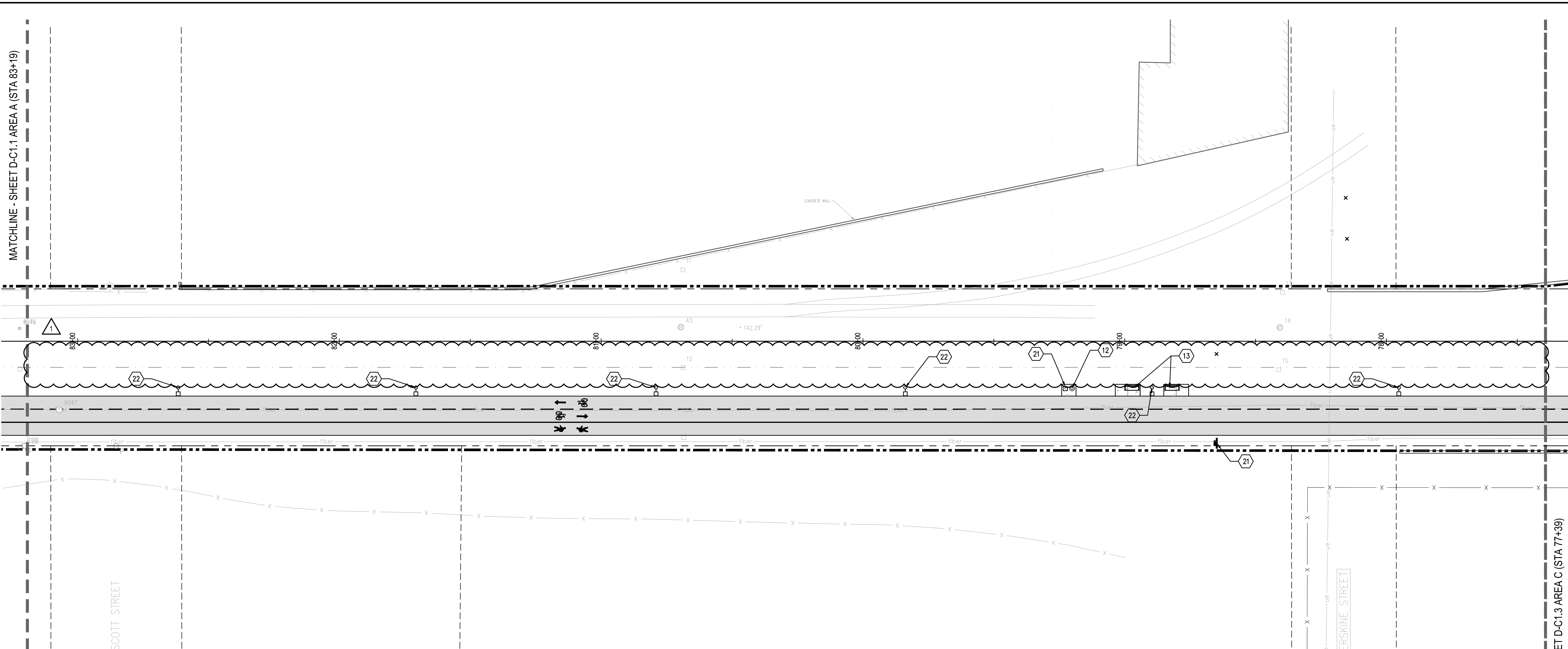
REFER TO G0.5 FOR PAVING AND MATERIALS NOTES.

D-C1.1 - PAVING AND MATERIALS

QTY	UNIT	ITEM DESCRIPTION
2,280	Sft	_Sidewalk, Conc, 6 inch, Modified
832	Sft	_Conc Pavt, Misc, 9 inch, Reinf, Modified
0	Sft	_Conc, Base Pavt, 9 inch, Modified
0	Ton	HMA, 4E3
149	Ton	Shared Use Path, HMA
47	Ft	_Integral Curb and Sidewalk, 2 Foot, Modified
74	Ft	_Curb, Conc, Separate, 6 inch, Modified
18	Ft	Driveway Opening, Conc, Det M
51	Cyd	Granular Material, CI II
238	Ton	Aggregate Base
0	Sft	_Retaining Wall, Type 1
0	Sft	_Retaining Wall, Type 2
0	Sft	_Retaining Wall, Conc
0	Ea	_Retaining Wall, Conc, Column
0	Ft	_Railing Strip, Conc
0	Sft	_Steps, Conc, Modified
340	Sft	_Sidewalk Ramp, ADA, Modified
35	Ft	_Detectable Warning Surface Tile, Modified
6	Ea	_Bench, Type D
2	Ea	_Trash Receptacle, Type D
0	Ea	_Bike Rack, Type D
0	Ft	_Hand Rail, Type D
0	Ft	_Railing, Barrier, Type D
0	Ea	_Jog Litter Bag Dispenser, Type D
0	Ft	_Fence, 48 inch, Type D1
8	Ft	_Fence, 72 inch, Type D2
0	Ft	_Fence, 96 inch, Type D3
0	Ea	_Fence Gate, Vehicular, 16 Foot, Type D1
0	Ea	_Fence Gate, Pedestrian, 4 Foot, Type D1
0	Ea	_Table, Type D1
0	Ea	_Table, Type D2
1	Ea	_Multi Modal User Counter
12	Cyd	_Gabion
0	Sft	_Welded Wire Trellis System
0	Ea	_Canopy Structure

FILE: P:\50572\000\CAD\L1\Sheet\50572-MATR-SHT.dwg USER: jgreene DATE: Apr. 17 2015 TIME: 04:15 pm

MATCHLINE - SHEET D-C1.1 AREA A (STA 83+19)



SCOTT STREET

ERSKINE STREET

MATCHLINE - SHEET D-C1.3 AREA C (STA 77+99)

DEQUINDRE CUT GREENWAY - PHASE II

PAVING AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE	④		_SIDEWALK RAMP, ADA, MODIFIED	⑱		_SIGN, ENTRY ③ (D-C5.7)
	RIGHT-OF-WAY LINE	⑤		_DETECTABLE WARNING SURFACE TILE, MODIFIED	⑳		POST STEEL 3 LB (SEE SIGNAGE AND STRIPING PLANS)
	PROPERTY LINE	⑥		DRIVEWAY OPENING, CONC, DET M (R-29-H)	㉑		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	PROPOSED EASEMENT LINE	⑦		_FENCE, 48 INCH, TYPE D1 ① (D-C5.3)	㉒		_FIXTURE TYPE D, (SEE ELECTRICAL PLANS)
	MATCH LINE	⑧		_FENCE, 72 INCH, TYPE D2 ③ (D-C5.10)	㉓		WELDED WIRE TRELLIS SYSTEM ① (D-C5.10)
	HORIZONTAL ALIGNMENT	⑨		_FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED) ⑤ (D-C5.3)	㉔		_CANOPY STRUCTURE ① (D-C5.9)
	ADJACENT PROJECT	⑩		_FENCE, GATE, PEDESTRIAN, RELOCATE	㉕		_TABLE, TYPE D1 ③ (D-C5.7)
	PAVT MRKG, _____ (SEE SIGNAGE AND STRIPING PLANS)	⑪		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) ⑥ (D-C5.2)	㉖		_TABLE, TYPE D2 ④ (D-C5.7)
	_SIDEWALK, CONC, 6 INCH, MODIFIED ① (D-C5.0)	⑫		_TRASH RECEPTACLE, TYPE D ① (D-C5.2)	㉗		_BIKE RACK, TYPE D ⑤ (D-C5.2)
	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED ② (D-C5.0)	⑬		_BENCH, TYPE D ② (D-C5.2)	㉘		PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	SHARED USE PATH, HMA ④ (D-C5.0)	⑭		_RETAINING WALL, TYPE 1 (REFER TO GRADING PLANS) ① (D-C5.9)	㉙		_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1 ⑥ (D-C5.3)
	HMA, 4E3 ③ (D-C5.0)	⑮		_RETAINING WALL, TYPE 2 (REFER TO GRADING PLANS) ① (D-C5.19)	⑳		_DOG LITTER BAG DISPENSER, TYPE D ⑦ (D-C5.2)
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO CONC ③ (D-C5.1)	⑯		_STEPS CONC MODIFIED ③ (D-C5.6)	㉑		_SIGN, FDN ⑦ (D-C5.7)
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO HMA ② (D-C5.4)	⑰		_HAND RAIL TYPE D ③ (D-C5.4)	㉒		FENCE, END PANEL SECTION AT STRUCTURE ② (D-C5.3)
	_CURB, CONC, SEPERATE, 6 INCH, MODIFIED ④ (D-C5.1)	⑰		_RAILING, BARRIER, TYPE D ① (D-C5.5)			

REFER TO G0.5 FOR PAVING AND MATERIALS NOTES.

D-C1.2 - PAVING AND MATERIALS

QTY	UNIT	ITEM DESCRIPTION
110	Sft	_Sidewalk, Conc, 6 inch, Modified
0	Sft	_Conc Pavt, Misc, 9 inch, Reinf, Modified
0	Sft	_Conc, Base Pavt, 9 inch, Modified
0	Ton	HMA, 4E3
213	Ton	Shared Use Path, HMA
0	Ft	_Integral Curb and Sidewalk, 2 Foot, Modified
0	Ft	_Curb, Conc, Separate, 6 inch, Modified
0	Ft	Driveway Opening, Conc, Det M
2	Cyd	Granular Material, C1 II
290	Ton	Aggregate Base
0	Sft	_Retaining Wall, Type 1
0	Sft	_Retaining Wall, Type 2
0	Sft	_Retaining Wall, Conc
0	Ea	_Retaining Wall, Conc, Column
0	Ft	_Railing Strip, Conc
0	Sft	_Steps, Conc, Modified
0	Sft	_Sidewalk Ramp, ADA, Modified
0	Ft	_Detectable Warning Surface Tile, Modified
2	Ea	_Bench, Type D
1	Ea	_Trash Receptacle, Type D
0	Ea	_Bike Rack, Type D
0	Ft	_Hand Rail, Type D
0	Ft	_Railing, Barrier, Type D
0	Ea	_Dog Litter Bag Dispenser, Type D
0	Ft	_Fence, 48 inch, Type D1
0	Ft	_Fence, 72 inch, Type D2
0	Ft	_Fence, 96 inch, Type D3
0	Ea	_Fence Gate, Vehicular, 16 Foot, Type D1
0	Ea	_Fence Gate, Pedestrian, 4 Foot, Type D1
0	Ea	_Table, Type D1
0	Ea	_Table, Type D2
0	Ea	_Multi Modal User Counter
0	Cyd	_Gabion
0	Sft	_Welded Wire Trellis System
0	Ea	_Canopy Structure

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

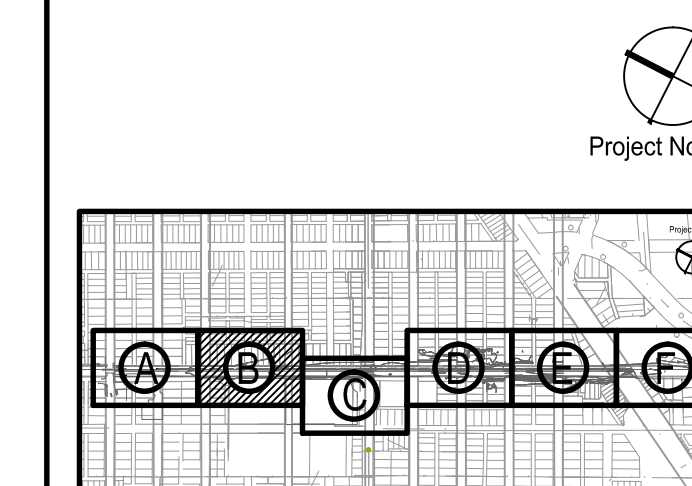
SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BULLETIN #1	6	APR. 20. 2015
BIDDING DOCUMENTS	5	MAY. 21. 2013
BIDDING DOCUMENTS	4	MAY. 02. 2013
100% CONSTRUCTION DOCUMENTS	3	APR. 01. 2013
GRADE INSPECTION	2	JAN. 30. 2013
80% CONSTRUCTION DOCUMENTS	1	JAN. 07. 2013
50% CONSTRUCTION DOCUMENTS	0	NOV. 05. 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

PAVING AND MATERIALS PLAN - AREA B

GRAPHIC SCALE 1"=20'-0"
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
50572.000

PROJECT NUMBER

D-C1.2

DRAWING NUMBER

27 of 497



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development Corporation of the City of Detroit

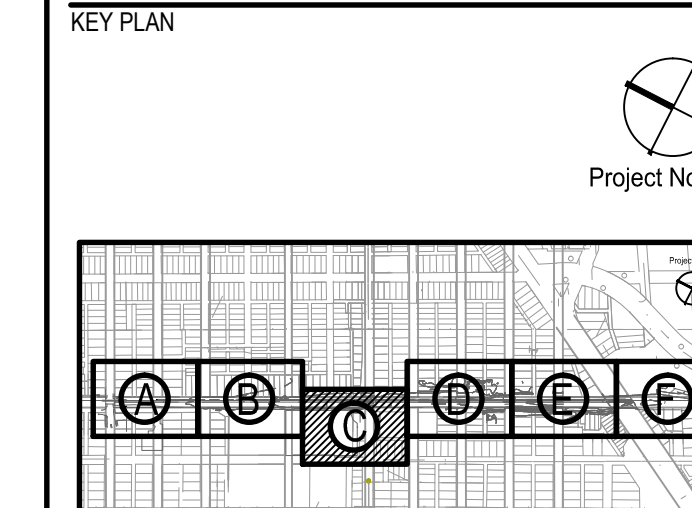
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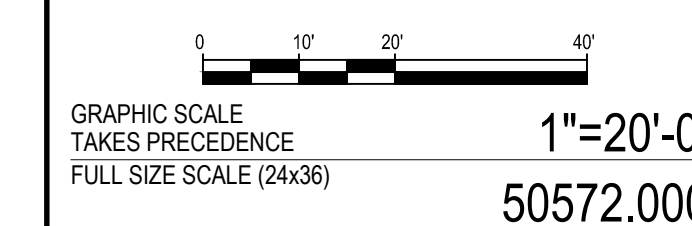
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100% CONSTRUCTION DOCUMENTS	3	APR 01 2013
GRADE INSPECTION	2	JAN 30 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05 2012

SEALS AND SIGNATURES

KEY PLAN



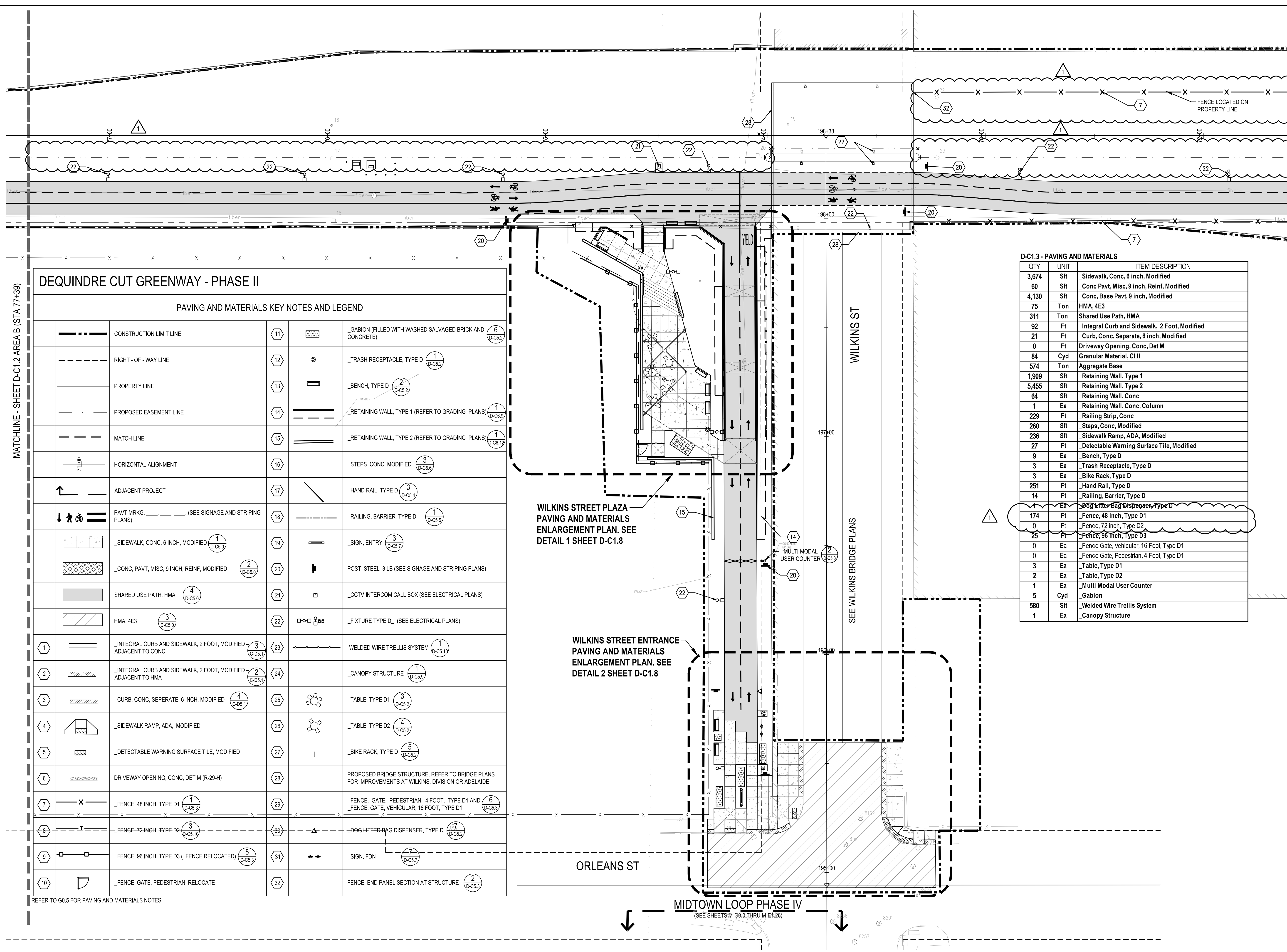
PAVING AND MATERIALS PLAN - AREA C



DRAWING NUMBER
D-C1.3

PROJECT NUMBER
D-C1.3

DRAWING NUMBER
28 of 497



DEQUINDRE CUT GREENWAY - PHASE II

PAVING AND MATERIALS KEY NOTES AND LEGEND

---	CONSTRUCTION LIMIT LINE	11	[Symbol]	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)	6 (D-C5.2)
---	RIGHT - OF - WAY LINE	12	[Symbol]	_TRASH RECEPTACLE, TYPE D	1 (D-C5.2)
---	PROPERTY LINE	13	[Symbol]	_BENCH, TYPE D	2 (D-C5.2)
---	PROPOSED EASEMENT LINE	14	[Symbol]	_RETAINING WALL, TYPE 1 (REFER TO GRADING PLANS)	1 (D-C6.9)
---	MATCH LINE	15	[Symbol]	_RETAINING WALL, TYPE 2 (REFER TO GRADING PLANS)	1 (D-C6.19)
---	HORIZONTAL ALIGNMENT	16	[Symbol]	_STEPS CONC MODIFIED	3 (D-C5.6)
---	ADJACENT PROJECT	17	[Symbol]	_HAND RAIL, TYPE D	3 (D-C5.4)
---	PAVT MRKG, (SEE SIGNAGE AND STRIPING PLANS)	18	[Symbol]	_RAILING, BARRIER, TYPE D	1 (D-C5.5)
[Symbol]	_SIDEWALK, CONC, 6 INCH, MODIFIED	19	[Symbol]	_SIGN, ENTRY	3 (D-C5.7)
[Symbol]	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED	20	[Symbol]	POST STEEL 3 LB (SEE SIGNAGE AND STRIPING PLANS)	
[Symbol]	SHARED USE PATH, HMA	21	[Symbol]	_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)	
[Symbol]	HMA, 4E3	22	[Symbol]	_FIXTURE TYPE D, (SEE ELECTRICAL PLANS)	
[Symbol]	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO CONC	23	[Symbol]	WELDED WIRE TRELLIS SYSTEM	1 (D-C5.19)
[Symbol]	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO HMA	24	[Symbol]	_CANOPY STRUCTURE	1 (D-C5.9)
[Symbol]	_CURB, CONC, SEPARATE, 6 INCH, MODIFIED	25	[Symbol]	_TABLE, TYPE D1	3 (D-C5.2)
[Symbol]	_SIDEWALK RAMP, ADA, MODIFIED	26	[Symbol]	_TABLE, TYPE D2	4 (D-C5.2)
[Symbol]	_DETECTABLE WARNING SURFACE TILE, MODIFIED	27	[Symbol]	_BIKE RACK, TYPE D	5 (D-C5.2)
[Symbol]	DRIVEWAY OPENING, CONC, DET M (R-29-H)	28	[Symbol]	PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE	
[Symbol]	_FENCE, 48 INCH, TYPE D1	29	[Symbol]	_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1	6 (D-C5.3)
[Symbol]	_FENCE, 72 INCH, TYPE D2	30	[Symbol]	_DOG LIGHTER BAG DISPENSER, TYPE D	7 (D-C5.2)
[Symbol]	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED)	31	[Symbol]	_SIGN, FDN	7 (D-C5.7)
[Symbol]	_FENCE, GATE, PEDESTRIAN, RELOCATE	32	[Symbol]	FENCE, END PANEL SECTION AT STRUCTURE	2 (D-C5.3)

REFER TO G0.5 FOR PAVING AND MATERIALS NOTES.

D-C1.3 - PAVING AND MATERIALS

QTY	UNIT	ITEM DESCRIPTION
3,674	Sft	Sidewalk, Conc, 6 inch, Modified
60	Sft	Conc Pavn, Misc, 9 inch, Reinf, Modified
4,130	Sft	Conc, Base Pavn, 9 inch, Modified
75	Ton	HMA, 4E3
311	Ton	Shared Use Path, HMA
92	Ft	Integral Curb and Sidewalk, 2 Foot, Modified
21	Ft	Curb, Conc, Separate, 6 inch, Modified
0	Ft	Driveway Opening, Conc, Det M
84	Cyd	Granular Material, C11
574	Ton	Aggregate Base
1,909	Sft	Retaining Wall, Type 1
5,455	Sft	Retaining Wall, Type 2
64	Sft	Retaining Wall, Conc
1	Ea	Retaining Wall, Conc, Column
229	Ft	Railing Strip, Conc
260	Sft	Steps, Conc, Modified
236	Sft	Sidewalk Ramp, ADA, Modified
27	Ft	Detectable Warning Surface Tile, Modified
9	Ea	Bench, Type D
3	Ea	Trash Receptacle, Type D
3	Ea	Bike Rack, Type D
251	Ft	Hand Rail, Type D
14	Ft	Railing, Barrier, Type D
1	Ea	DOG Lighter Bag Dispenser, Type D
174	Ft	Fence, 48 inch, Type D1
0	Ft	Fence, 72 inch, Type D2
25	Ft	Fence, 96 inch, Type D3
0	Ea	Fence Gate, Vehicular, 16 Foot, Type D1
0	Ea	Fence Gate, Pedestrian, 4 Foot, Type D1
3	Ea	Table, Type D1
2	Ea	Table, Type D2
1	Ea	Multi Modal User Counter
5	Cyd	Gabion
580	Sft	Welded Wire Trellis System
1	Ea	Canopy Structure

WILKINS STREET PLAZA
PAVING AND MATERIALS
ENLARGEMENT PLAN. SEE
DETAIL 1 SHEET D-C1.8

WILKINS STREET ENTRANCE
PAVING AND MATERIALS
ENLARGEMENT PLAN. SEE
DETAIL 2 SHEET D-C1.8

ORLEANS ST

MIDTOWN LOOP PHASE IV
(SEE SHEETS M-G0.0 THRU M-E1.26)

WILKINS ST

SEE WILKINS BRIDGE PLANS

MATCHLINE - SHEET D-C1.2 AREA B (STA 77+39)

MATCHLINE - SHEET D-C1.4 AREA D (STA 77+59)

FILE: P:\50572_000\CAD\A\Sheet\50572-MATR-SHT.dwg USER: jgreene DATE: Apr. 17 2015 TIME: 04:15 pm

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit

ED
Economic Development Corporation of the City of Detroit
Corporation of the City of Detroit

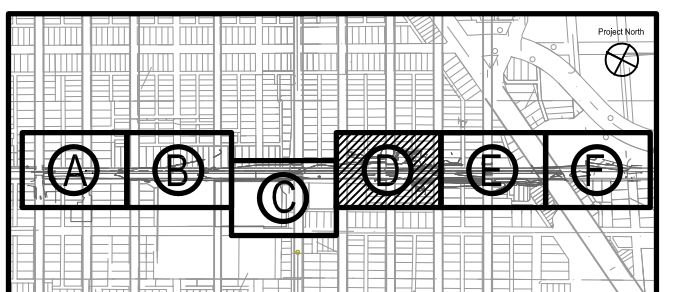
SMITHGROUP JJR

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ISSUED FOR	REV	DATE
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BIDDING DOCUMENTS	4	MAY.02.2013
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SEALS AND SIGNATURES

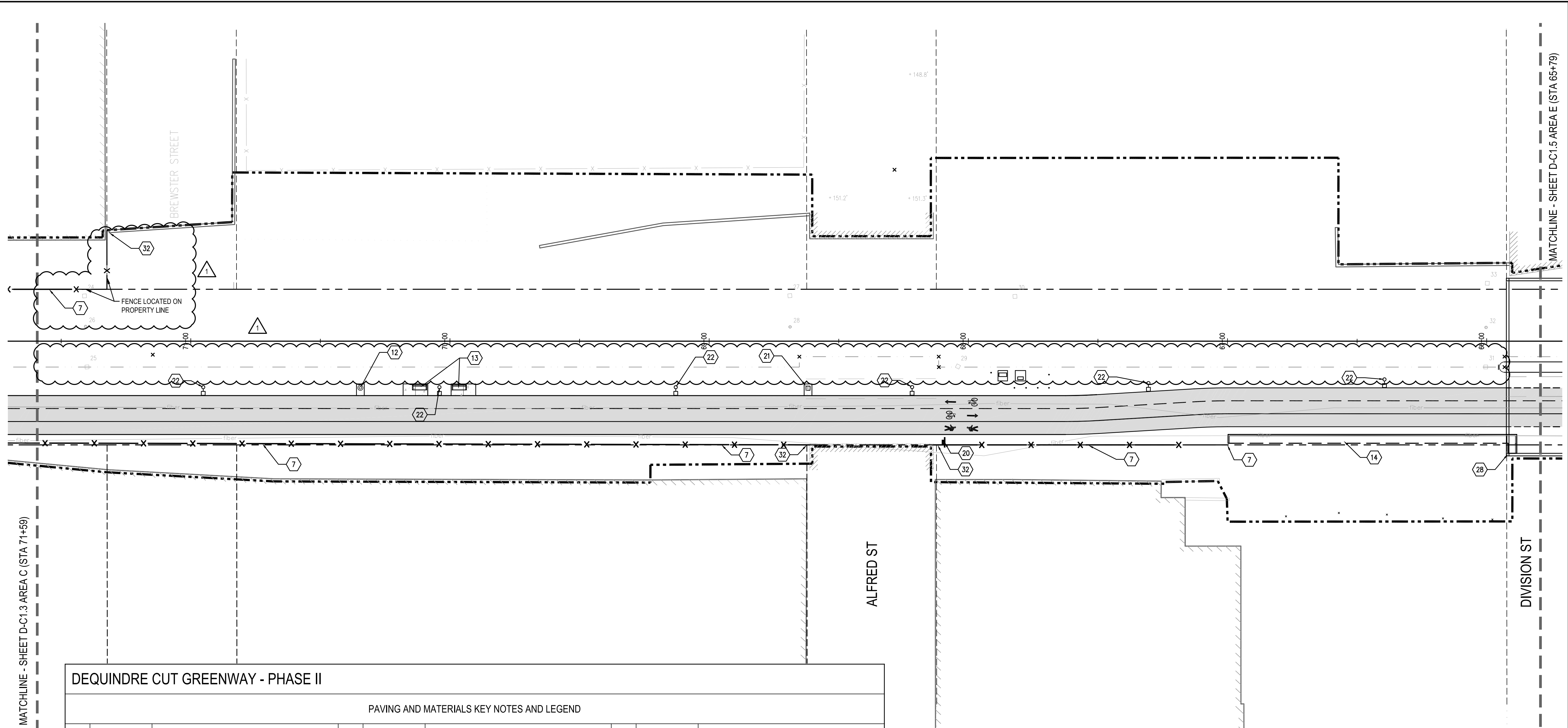
KEY PLAN



DRAWING TITLE
**PAVING AND MATERIALS
PLAN - AREA D**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER
D-C1.4
DRAWING NUMBER
29 of 497



DEQUINDRE CUT GREENWAY - PHASE II

PAVING AND MATERIALS KEY NOTES AND LEGEND

---	CONSTRUCTION LIMIT LINE	4	[Symbol]	_SIDEWALK RAMP, ADA, MODIFIED	19	[Symbol]	_SIGN ENTRY 3 (P-C5.7)
- - -	RIGHT - OF - WAY LINE	5	[Symbol]	_DETECTABLE WARNING SURFACE TILE, MODIFIED	20	[Symbol]	POST STEEL 3 LB (SEE SIGNAGE AND STRIPING PLANS)
---	PROPERTY LINE	6	[Symbol]	DRIVEWAY OPENING, CONC, DET M (R-29-H)	21	[Symbol]	_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
- - -	PROPOSED EASEMENT LINE	7	[Symbol]	_FENCE, 48 INCH, TYPE D1 (P-C5.3)	22	[Symbol]	_FIXTURE TYPE D_ (SEE ELECTRICAL PLANS)
---	MATCH LINE	8	[Symbol]	_FENCE, 72 INCH, TYPE D2 (P-C5.10)	23	[Symbol]	WELDED WIRE TRELLIS SYSTEM (P-C5.10)
---	HORIZONTAL ALIGNMENT	9	[Symbol]	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED) (P-C5.3)	24	[Symbol]	_CANOPY STRUCTURE (P-C5.9)
[Symbol]	ADJACENT PROJECT	10	[Symbol]	_FENCE, GATE, PEDESTRIAN, RELOCATE	25	[Symbol]	_TABLE, TYPE D1 (P-C5.7)
[Symbol]	PAVT MRKG. (SEE SIGNAGE AND STRIPING PLANS)	11	[Symbol]	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)	26	[Symbol]	_TABLE, TYPE D2 (P-C5.7)
[Symbol]	_SIDEWALK, CONC, 6 INCH, MODIFIED (P-C5.7)	12	[Symbol]	_TRASH RECEPTACLE, TYPE D (P-C5.7)	27	[Symbol]	_BIKE RACK, TYPE D (P-C5.7)
[Symbol]	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED (P-C5.0)	13	[Symbol]	_BENCH, TYPE D (P-C5.7)	28	[Symbol]	PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
[Symbol]	SHARED USE PATH, HMA (P-C5.7)	14	[Symbol]	_RETAINING WALL, TYPE 1 (REFER TO GRADING PLANS) (P-C5.9)	29	[Symbol]	_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1 (P-C5.3)
[Symbol]	HMA, 4E3 (P-C5.0)	15	[Symbol]	_RETAINING WALL, TYPE 2 (REFER TO GRADING PLANS) (P-C5.10)	30	[Symbol]	_DOG LITTER BAG DISPENSER, TYPE D (P-C5.2)
[Symbol]	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED - ADJACENT TO CONC (P-C5.1)	16	[Symbol]	_STEPS CONC MODIFIED (P-C5.6)	31	[Symbol]	_SIGN, FDN (P-C5.7)
[Symbol]	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED - ADJACENT TO HMA (P-C5.1)	17	[Symbol]	_HAND RAIL TYPE D (P-C5.4)	32	[Symbol]	FENCE, END PANEL SECTION AT STRUCTURE (P-C5.3)
[Symbol]	_CURB, CONC, SEPERATE, 6 INCH, MODIFIED (P-C5.1)	18	[Symbol]	_RAILING, BARRIER, TYPE D (P-C5.5)			

REFER TO G0.5 FOR PAVING AND MATERIALS NOTES.

D-C1.4 - PAVING AND MATERIALS

QTY	UNIT	ITEM DESCRIPTION
154	Sft	_Sidewalk, Conc, 6 inch, Modified
0	Sft	_Conc Pavt, Misc, 9 inch, Reinf, Modified
0	Sft	_Conc, Base Pavt, 9 inch, Modified
0	Ton	HMA, 4E3
243	Ton	Shared Use Path, HMA
0	Ft	_Integral Curb and Sidewalk, 2 Foot, Modified
0	Ft	_Curb, Conc, Separate, 6 inch, Modified
0	Ft	Driveway Opening, Conc, Det M
3	Cyd	Granular Material, CI II
290	Ton	Aggregate Base
372	Sft	_Retaining Wall, Type 1
0	Sft	_Retaining Wall, Type 2
0	Sft	_Retaining Wall, Conc
0	Ea	_Retaining Wall, Conc, Column
0	Ft	_Railing Strip, Conc
0	Sft	_Steps, Conc, Modified
0	Sft	_Sidewalk Ramp, ADA Modified
0	Ft	_Detectable Warning Surface Tile, Modified
2	Ft	_Bench, Type D
1	0	_Trash Receptacle, Type D
0	Ea	_Bike Rack, Type D
0	Ea	_Hand Rail, Type D
0	Ea	_Railing, Barrier, Type D
0	Ea	_Dog Litter Bag Dispenser, Type D
50	Ea	_Fence, 48 inch, Type D1
0	Ea	_Fence, 72 inch, Type D2
0	Ea	_Fence, 96 inch, Type D3
0	Ea	_Fence Gate, Vehicular, 16 Foot, Type D1
0	Ea	_Fence Gate, Pedestrian, 4 Foot, Type D1
0	Ea	_Table, Type D1
0	Ea	_Table, Type D2
0	Ea	_Multi Modal User Counter
0	Ea	_Gabion
0	Ea	_Welded Wire Trellis System
0	Ea	_Canopy Structure

Dequindre Cut Phase II

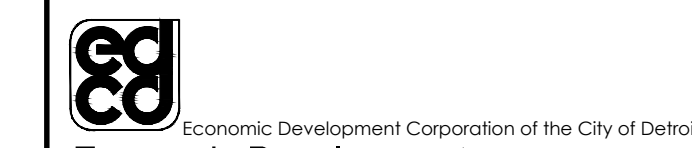
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development Corporation of the City of Detroit

SMITHGROUP JJR

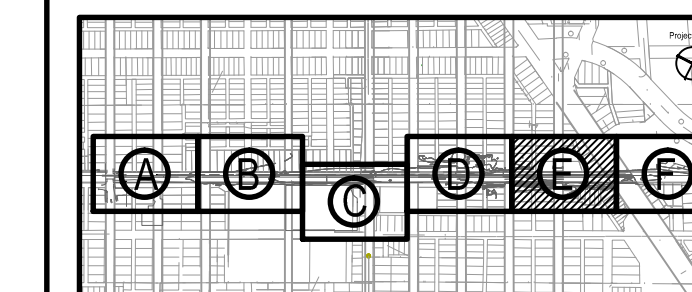
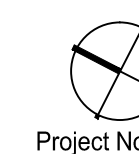
201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

ISSUED FOR REV DATE

BULLETIN #1	6	APR 20 2015
BIDDING DOCUMENTS	5	MAY 21 2013
BIDDING DOCUMENTS	4	MAY 02 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01 2013
GRADE INSPECTION	2	JAN 30 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05 2012

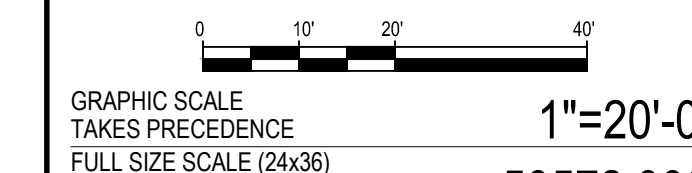
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

PAVING AND MATERIALS PLAN - AREA E



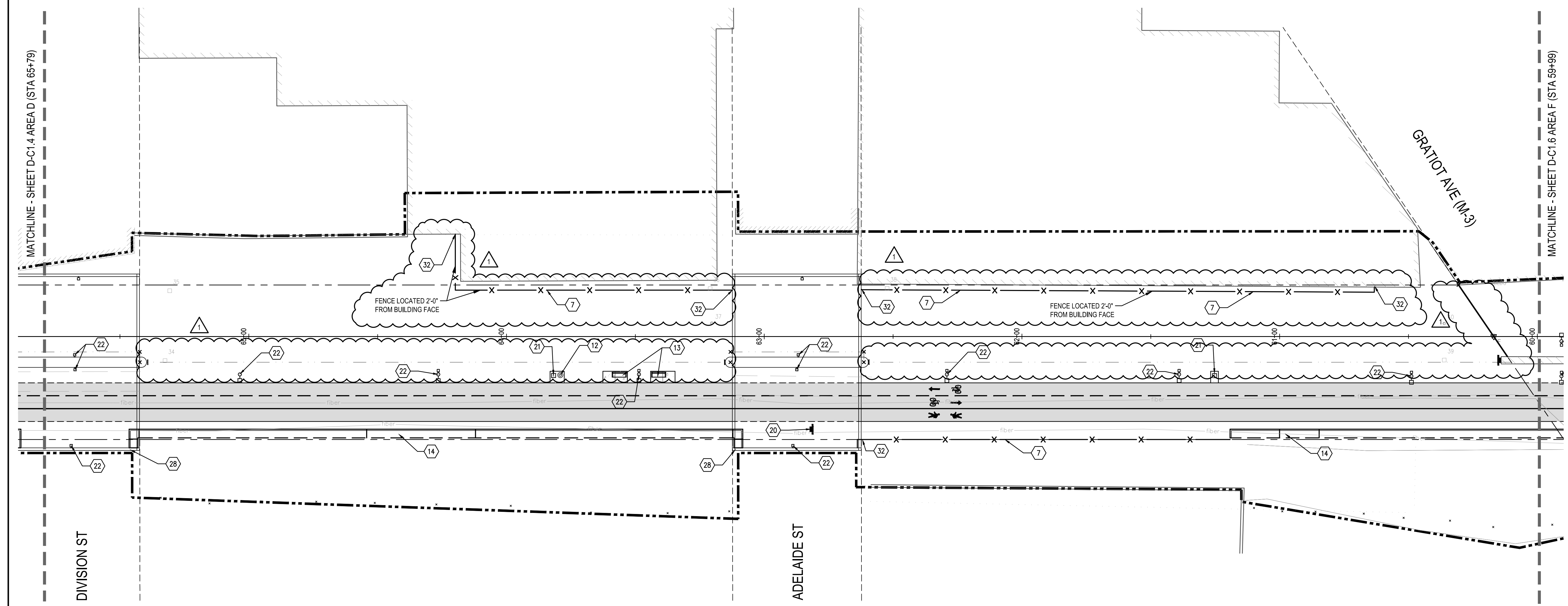
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PROJECT NUMBER

D-C1.5

DRAWING NUMBER

30 of 497



PAVING AND MATERIALS KEY NOTES AND LEGEND

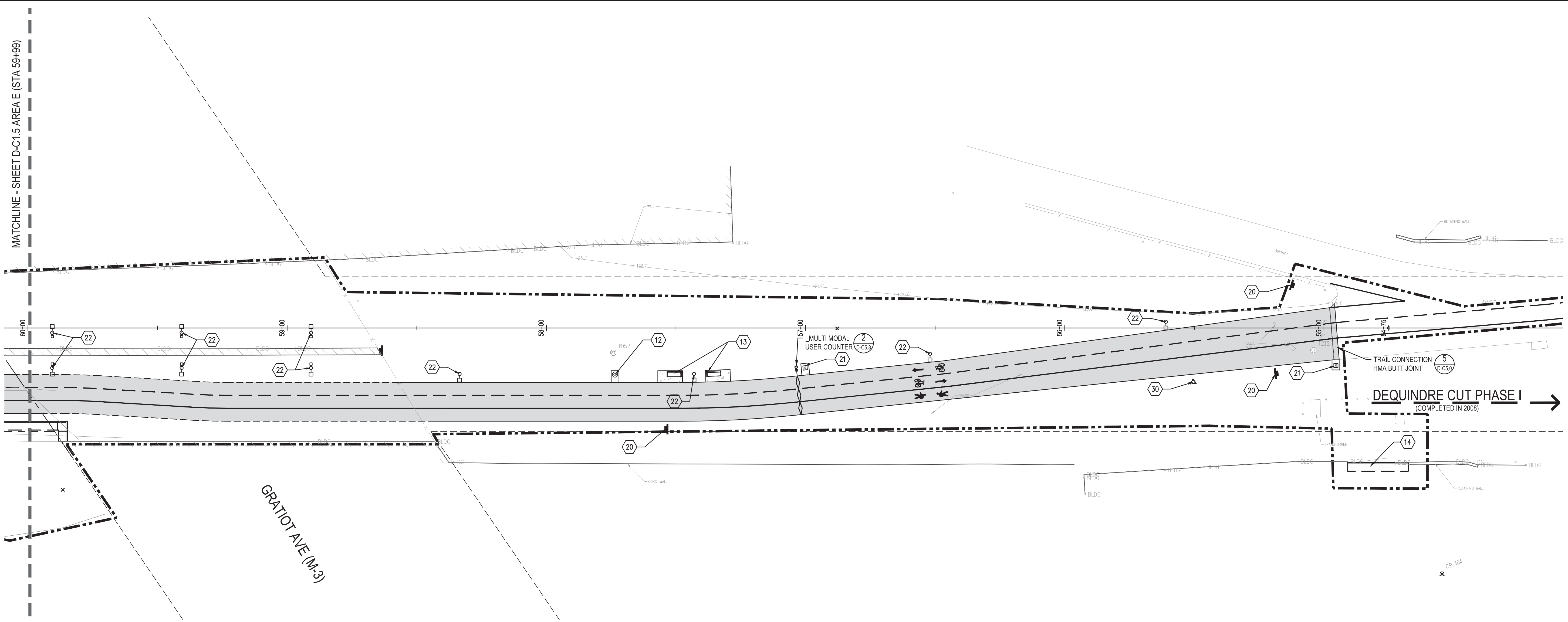
	CONSTRUCTION LIMIT LINE	4		_SIDEWALK RAMP, ADA, MODIFIED	19		_SIGN, ENTRY
	RIGHT - OF - WAY LINE	5		_DETECTABLE WARNING SURFACE TILE, MODIFIED	20		POST STEEL 3 LB (SEE SIGNAGE AND STRIPING PLANS)
	PROPERTY LINE	6		DRIVEWAY OPENING, CONC, DET M (R-29-H)	21		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	PROPOSED EASEMENT LINE	7		_FENCE, 48 INCH, TYPE D1	22		_FIXTURE TYPE D_ (SEE ELECTRICAL PLANS)
	MATCH LINE	8		_FENCE, 72 INCH, TYPE D2	23		WELDED WIRE TRELLIS SYSTEM
	HORIZONTAL ALIGNMENT	9		_FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED)	24		_CANOPY STRUCTURE
	ADJACENT PROJECT	10		_FENCE, GATE, PEDESTRIAN, RELOCATE	25		_TABLE, TYPE D1
	PAVT MRKG. (SEE SIGNAGE AND STRIPING PLANS)	11		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)	26		_TABLE, TYPE D2
	_SIDEWALK, CONC, 6 INCH, MODIFIED	12		_TRASH RECEPTACLE, TYPE D	27		_BIKE RACK, TYPE D
	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED	13		_BENCH, TYPE D	28		PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	SHARED USE PATH, HMA	14		_RETAINING WALL, TYPE 1 (REFER TO GRADING PLANS)	29		_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1
	HMA, 4E3	15		_RETAINING WALL, TYPE 2 (REFER TO GRADING PLANS)	30		_DOG LITTER BAG DISPENSER, TYPE D
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO CONC	16		_STEPS CONC MODIFIED	31		_SIGN, FDN
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO HMA	17		_HAND RAIL, TYPE D	32		FENCE, END PANEL SECTION AT STRUCTURE
	_CURB, CONC, SEPERATE, 6 INCH, MODIFIED	18		_RAILING, BARRIER, TYPE D			

REFER TO G0.5 FOR PAVING AND MATERIALS NOTES.

D-C1.5 - PAVING AND MATERIALS

QTY	UNIT	ITEM DESCRIPTION
121	Sft	_Sidewalk, Conc, 6 inch, Modified
0	Sft	_Conc Pavt, Misc, 9 inch, Reinf, Modified
0	Sft	_Conc, Base Pavt, 9 inch, Modified
0	Ton	HMA 4E3
213	Ton	Shared Use Path, HMA
0	Ft	_Integral Curb and Sidewalk, 2 Foot, Modified
0	Ft	_Curb, Conc, Separate, 6 inch, Modified
0	Ft	Driveway Opening, Conc, Det M
2	Cyd	Granular Material, CI II
290	Ton	Aggregate Base
2,542	Sft	_Retaining Wall, Type 1
0	Sft	_Retaining Wall, Type 2
0	Sft	_Retaining Wall, Conc
0	Ea	_Retaining Wall, Conc, Column
0	Ft	_Railing Strip, Conc
0	Sft	_Steps, Conc, Modified
0	Sft	_Sidewalk Ramp, ADA, Modified
0	Ft	_Detectable Warning Surface Tile, Modified
2	Ea	_Bench, Type D
1	Ea	_Trash Receptacle, Type D
0	Ea	_Bike Rack, Type D
0	Ft	_Hand Rail, Type D
0	Ft	_Railing, Barrier, Type D
0	Ea	_Dog Litter Bag Dispenser, Type D
369	Ft	_Fence, 48 inch, Type D1
0	Ft	_Fence, 72 inch, Type D2
0	Ft	_Fence, 96 inch, Type D3
0	Ea	_Fence Gate, Vehicular, 16 Foot, Type D1
0	Ea	_Fence Gate, Pedestrian, 4 Foot, Type D1
0	Ea	_Table, Type D1
0	Ea	_Table, Type D2
0	Ea	_Multi Modal User Counter
0	Cyd	_Gabion
0	Sft	_Welded Wire Trellis System
0	Ea	_Canopy Structure

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Dequindre Cut Phase II
 Dequindre Cut
 Detroit, Michigan

MDOT
 Michigan Department of Transportation

Owners:
 City of Detroit

Economic Development Corporation of the City of Detroit

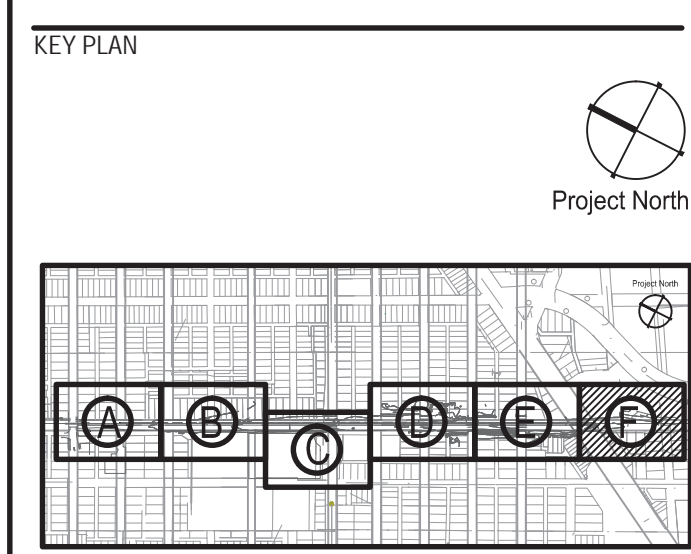
SMITHGROUP JJR

201 DEPOT STREET
 SECOND FLOOR
 ANN ARBOR, MI 48104
 734.662.4457
 www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

CP 104



DEQUINDRE CUT GREENWAY - PHASE II

PAVING AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE	(4)		_SIDEWALK RAMP, ADA, MODIFIED	(19)		_SIGN, ENTRY (3) (D-C5.7)
	RIGHT - OF - WAY LINE	(5)		_DETECTABLE WARNING SURFACE TILE, MODIFIED	(20)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)
	PROPERTY LINE	(6)		DRIVEWAY OPENING, CONC, DET M (R-29-H)	(21)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	PROPOSED EASEMENT LINE	(7)		_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)	(22)		_FIXTURE TYPE D_ (SEE ELECTRICAL PLANS)
	MATCH LINE	(8)		_FENCE, 72 INCH, TYPE D2 (3) (D-C5.19)	(23)		WELDED WIRE TRELLIS SYSTEM (1) (D-C5.19)
	HORIZONTAL ALIGNMENT	(9)		_FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED) (5) (D-C5.3)	(24)		_CANOPY STRUCTURE (1) (D-C5.9)
	ADJACENT PROJECT	(10)		_FENCE, GATE, PEDESTRIAN, RELOCATE	(25)		_TABLE, TYPE D1 (3) (D-C5.2)
	PAVT MRKG, _____ (SEE SIGNAGE AND STRIPING PLANS)	(11)		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)	(26)		_TABLE, TYPE D2 (4) (D-C5.2)
	_SIDEWALK, CONC, 6 INCH, MODIFIED (1) (D-C5.0)	(12)		_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)	(27)		_BIKE RACK, TYPE D (5) (D-C5.2)
	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED (2) (D-C5.0)	(13)		_BENCH, TYPE D (2) (D-C5.2)	(28)		PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	SHARED USE PATH, HMA (4) (D-C5.0)	(14)		_RETAINING WALL, TYPE 1 (REFER TO GRADING PLANS) (1) (D-C6.9)	(29)		_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND (6) (D-C5.3) _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1
	HMA, 4E3 (3) (D-C5.0)	(15)		_RETAINING WALL, TYPE 2 (REFER TO GRADING PLANS) (1) (D-C6.12)	(30)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO CONC (3) (D-C5.1)	(16)		_STEPS, CONC, MODIFIED (3) (D-C5.6)	(31)		_SIGN, FDN (7) (D-C5.7)
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO HMA (2) (D-C5.1)	(17)		_HAND RAIL, TYPE D (3) (D-C5.4)	(32)		FENCE, END PANEL SECTION AT STRUCTURE (2) (D-C5.3)
	_CURB, CONC, SEPERATE, 6 INCH, MODIFIED (4) (D-C5.1)	(18)		_RAILING, BARRIER, TYPE D (1) (D-C5.5)			

REFER TO G0.5 FOR PAVING AND MATERIALS NOTES.

D-C1.6 - PAVING AND MATERIALS

QTY	UNIT	ITEM DESCRIPTION
120	Sr	_Sidewalk, Conc, 6 inch, Modified
0	Sr	_Conc Pavt, Misc, 9 inch, Reinf, Modified
0	Sr	_Conc, Base Pavt, 9 inch, Modified
0	Ton	HMA, 4E3
194	Ton	Shared Use Path, HMA
0	Ft	_Integral Curb and Sidewalk, 2 Foot, Modified
0	Ft	_Curb, Conc, Separate, 6 inch, Modified
0	Ft	Driveway Opening, Conc, Det M
2	Cyd	Granular Material, CI II
285	Ton	Aggregate Base
281	Sr	_Retaining Wall, Type 1
0	Sr	_Retaining Wall, Type 2
0	Sr	_Retaining Wall, Conc
0	Ea	_Retaining Wall, Conc, Column
0	Ft	_Railing Strip, Conc
0	Sr	_Steps, Conc, Modified
0	Sr	_Sidewalk Ramp, ADA, Modified
0	Ft	_Detectable Warning Surface Tile, Modified
2	Ea	_Bench, Type D
1	Ea	_Trash Receptacle, Type D
0	Ea	_Bike Rack, Type D
0	Ft	_Hand Rail, Type D
0	Ft	_Railing, Barrier, Type D
1	Ea	_Dog Litter Bag Dispenser, Type D
0	Ft	_Fence, 48 inch, Type D1
0	Ft	_Fence, 72 inch, Type D2
0	Ft	_Fence, 96 inch, Type D3
0	Ea	_Fence Gate, Vehicular, 16 Foot, Type D1
0	Ea	_Fence Gate, Pedestrian, 4 Foot, Type D1
0	Ea	_Table, Type D1
0	Ea	_Table, Type D2
1	Ea	_Multi Modal User Counter
0	Cyd	_Gabion
0	Sr	_Welded Wire Trellis System
0	Ea	_Canopy Structure

DRAWING TITLE

PAVING AND MATERIALS PLAN - AREA F

GRAPHIC SCALE 1" = 20'-0"

TAKES PRECEDENCE FULL SIZE SCALE (24x36)

PROJECT NUMBER

D-C1.6

DRAWING NUMBER

30 WORKING DAYS BEFORE YOU DIG CALL MISS DIG 1-800-482-7171

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

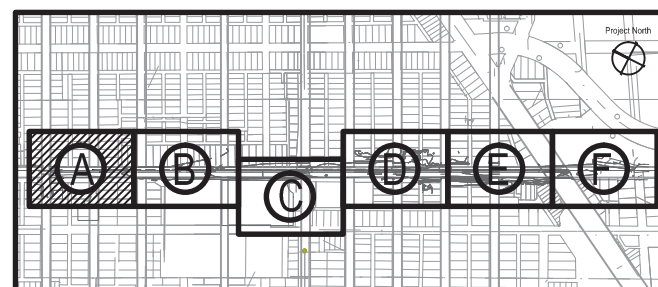
SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

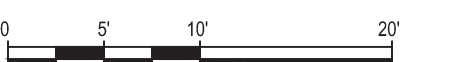
ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**PAVING AND MATERIALS
PLAN - AREA A
ENLARGEMENT**



GRAPHIC SCALE 1"=10'-0"
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
50572.000

PROJECT NUMBER

D-C1.7

DRAWING NUMBER

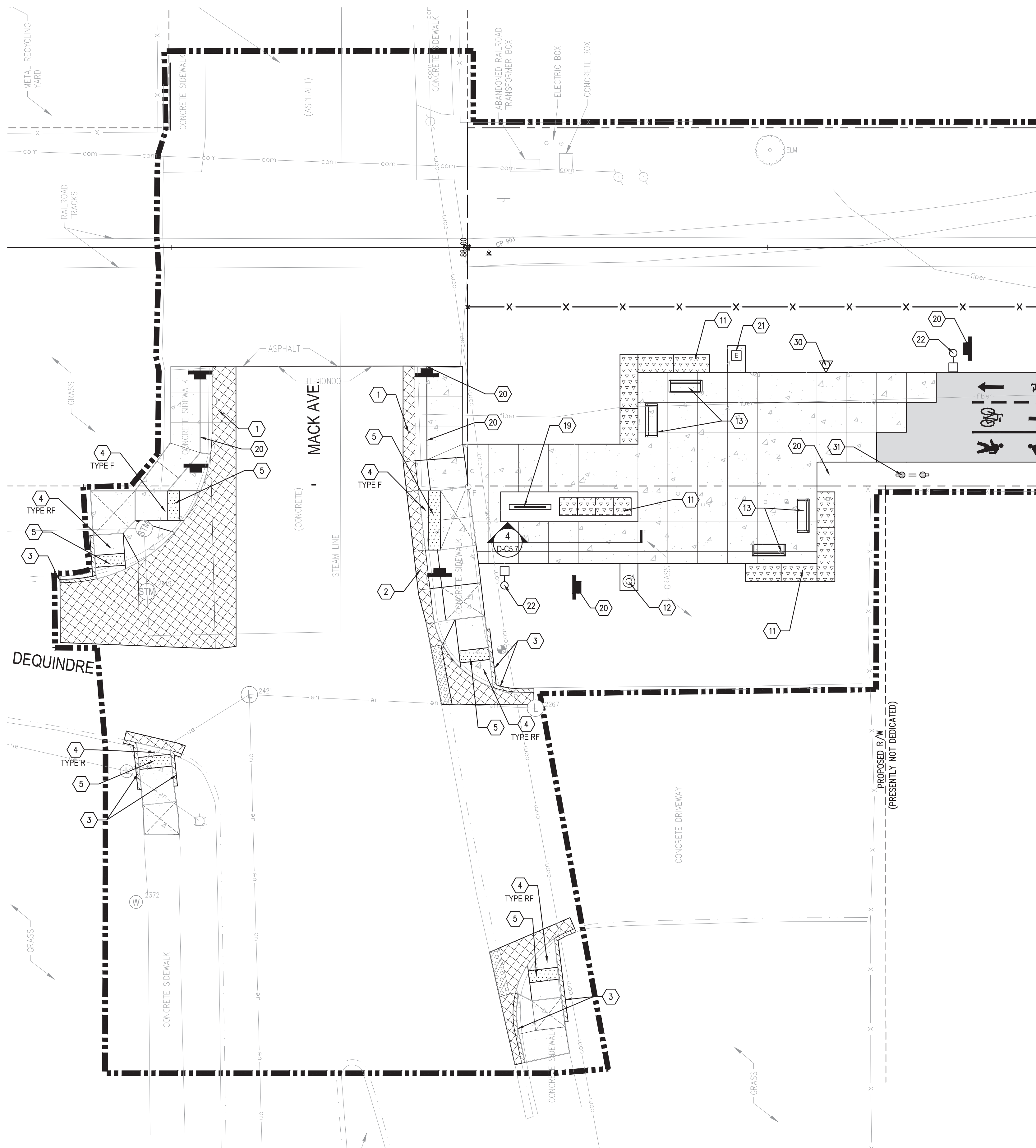
32 of 497

DEQUINDRE CUT GREENWAY - PHASE II

PAVING AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE	11		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)	6 D-C5.2
	RIGHT - OF - WAY LINE	12		_TRASH RECEPTACLE, TYPE D	1 D-C5.2
	PROPERTY LINE	13		_BENCH, TYPE D	2 D-C5.2
	PROPOSED EASEMENT LINE	14		_RETAINING WALL, TYPE 1	1 D-C6.9
	MATCH LINE	15		_RETAINING WALL, TYPE 2	1 D-C6.12
	HORIZONTAL ALIGNMENT	16		_STEPS, CONC, MODIFIED	3 D-C5.6
	ADJACENT PROJECT	17		_HAND RAIL, TYPE D	3 D-C5.4
	PAVT MRKG. (SEE SIGNAGE AND STRIPING PLANS)	18		_RAILING, BARRIER, TYPE D	1 D-C5.5
	_SIDEWALK, CONC, 6 INCH, MODIFIED	19		_SIGN, ENTRY	3 D-C5.7
	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED	20		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)	
	SHARED USE PATH, HMA	4 D-C5.0		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)	
	HMA, 4E3	3 D-C5.0		_FIXTURE TYPE D. (SEE ELECTRICAL PLANS)	
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO CONC	3 C-D5.1		WELDED WIRE TRELLIS SYSTEM	1 D-C5.10
	_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO HMA	2 C-D5.1		_CANOPY STRUCTURE	1 D-C5.9
	_CURB, CONC, SEPERATE, 6 INCH, MODIFIED	4 C-D5.1		_TABLE, TYPE D1	3 D-C5.2
	_SIDEWALK RAMP, ADA, MODIFIED	26		_TABLE, TYPE D2	4 D-C5.2
	_DETECTABLE WARNING SURFACE TILE, MODIFIED	27		_BIKE RACK, TYPE D	5 D-C5.2
	DRIVEWAY OPENING, CONC, DET M (R-29-H)	28		PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE	
	_FENCE, 48 INCH, TYPE D1	1 D-C5.3		_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1	6 D-C5.3
	_FENCE, 72 INCH, TYPE D2	3 D-C5.10		_DOG LITTER BAG DISPENSER, TYPE D	7 D-C5.2
	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED)	5 D-C5.3		_SIGN, FDN	7 D-C5.7
	_FENCE, GATE, PEDESTRIAN, RELOCATE	32		FENCE, END PANEL SECTION AT STRUCTURE	2 D-C5.3

REFER TO G0.5 FOR PAVING AND MATERIALS NOTES. PAY ITEMS SHOWN ON THIS SHEET ARE INCLUDE ON SHEET D-C1.1.



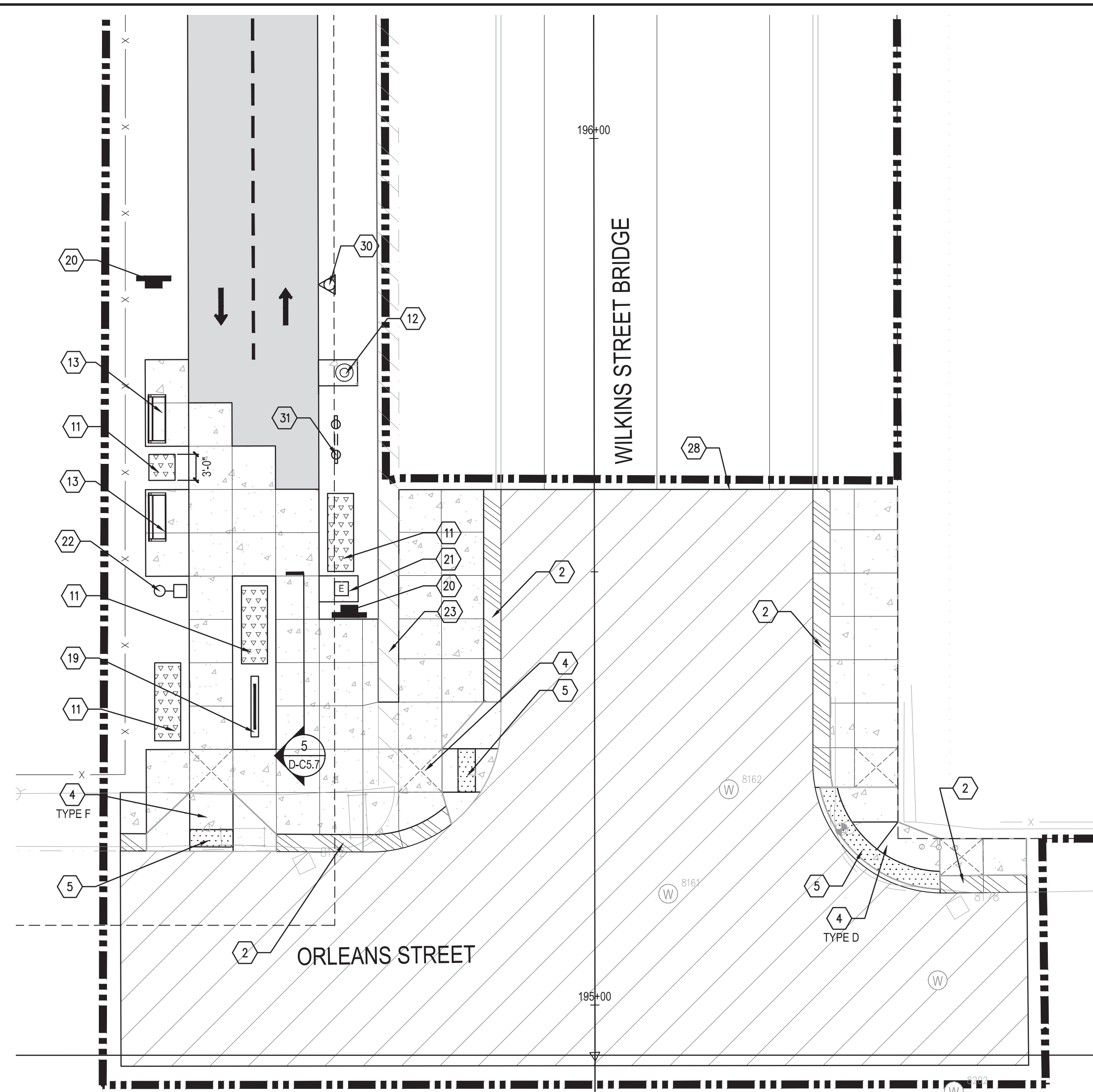
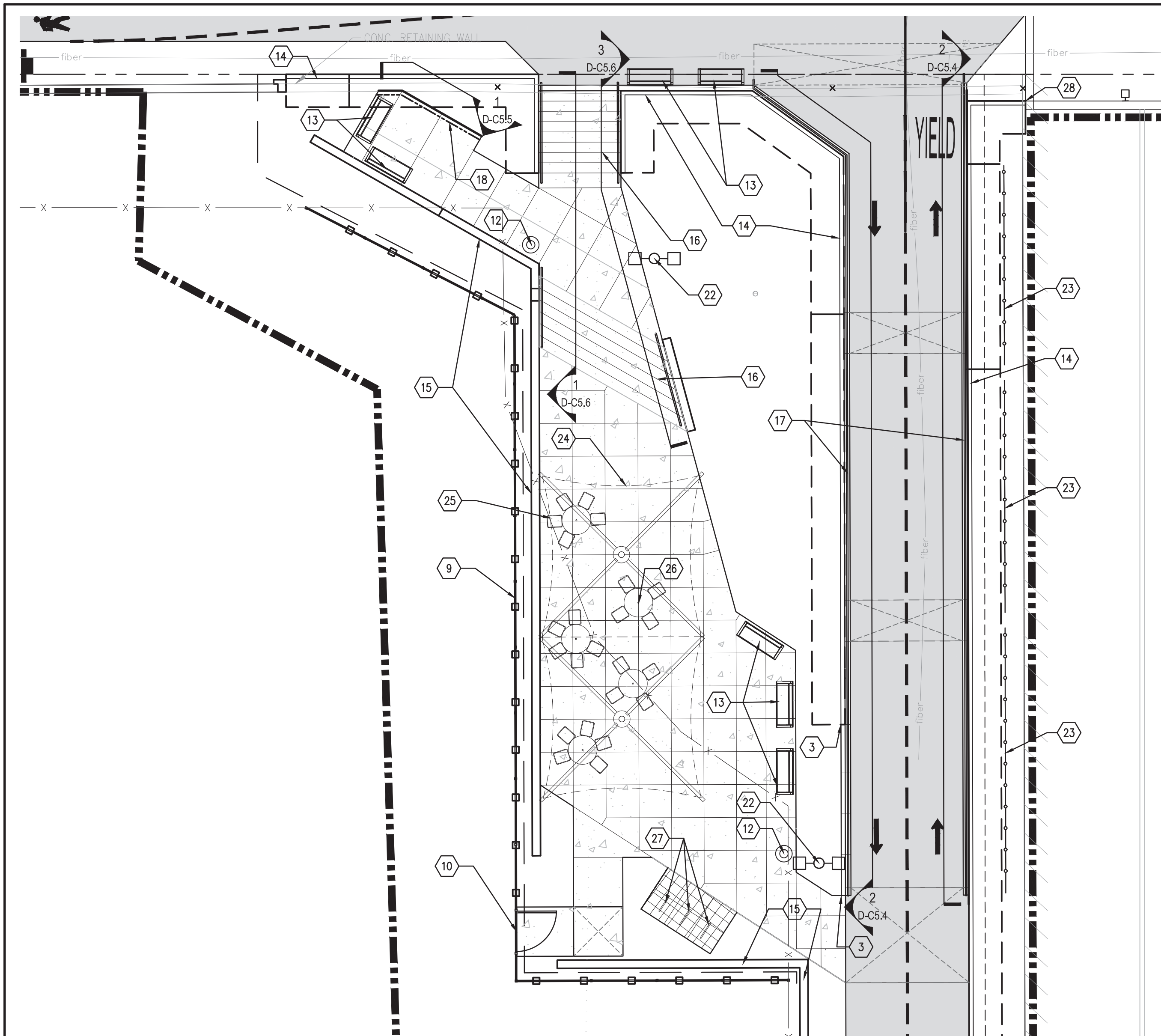
1 MACK AVENUE ENTRANCE PAVING AND MATERIALS ENLARGEMENT PLAN
PLAN

1" = 10'-0"

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3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171



1 WILKINS STREET PLAZA PAVING AND MATERIALS ENLARGEMENT PLAN
PLAN

1" = 10'-0"

2 WILKINS STREET ENTRANCE LAYOUT PLAN
PLAN

1" = 10'-0"

DEQUINDRE CUT GREENWAY - PHASE II

PAVING AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		HMA, 4E3 (3) (D-C5.0)		_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		_FIXTURE TYPE D_ (SEE ELECTRICAL PLANS)
	RIGHT - OF - WAY LINE		_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO CONC (3) (D-C5.1)		_BENCH, TYPE D (2) (D-C5.2)		WELDED WIRE TRELLIS SYSTEM (1) (D-C5.19)
	PROPERTY LINE		_INTEGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED ADJACENT TO HMA (2) (D-C5.1)		_RETAINING WALL, TYPE 1 (1) (D-C5.9)		_CANOPY STRUCTURE (1) (D-C5.9)
	PROPOSED EASEMENT LINE		_CURB, CONC, SEPARATE, 6 INCH, MODIFIED (4) (D-C5.1)		_RETAINING WALL, TYPE 2 (1) (D-C5.12)		_TABLE, TYPE D1 (3) (D-C5.2)
	MATCH LINE		_SIDEWALK RAMP, ADA, MODIFIED		_TABLE, TYPE D2 (4) (D-C5.2)		_BIKE RACK, TYPE D (5) (D-C5.2)
	HORIZONTAL ALIGNMENT		_DETECTABLE WARNING SURFACE TILE, MODIFIED		_STEPS, CONC, MODIFIED (3) (D-C5.8)		PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	ADJACENT PROJECT		DRIVEWAY OPENING, CONC, DET M (R-29-H)		_HAND RAIL, TYPE D (3) (D-C5.4)		_FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND _FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1 (6) (D-C5.3)
	PAVT MRKG (SEE SIGNAGE AND STRIPING PLANS) (1) (D-C5.7)		_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_SIGN, ENTRY (3) (D-C5.7)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	_SIDEWALK, CONC, 6 INCH, MODIFIED (1) (D-C5.0)		_FENCE, 72 INCH, TYPE D2 (3) (D-C5.19)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)		_SIGN, FDN (7) (D-C5.7)
	_CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED (2) (D-C5.0)		_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED) (5) (D-C5.3)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)		FENCE, END PANEL SECTION AT STRUCTURE (2) (D-C5.3)
	SHARED USE PATH, HMA (4) (D-C5.0)		_FENCE, GATE, PEDESTRIAN, RELOCATE				

REFER TO G0.5 FOR PAVING AND MATERIALS NOTES. PAY ITEMS SHOWN ON THIS SHEET ARE INCLUDE ON SHEET D-C1.3.

Dequindre Cut Phase II

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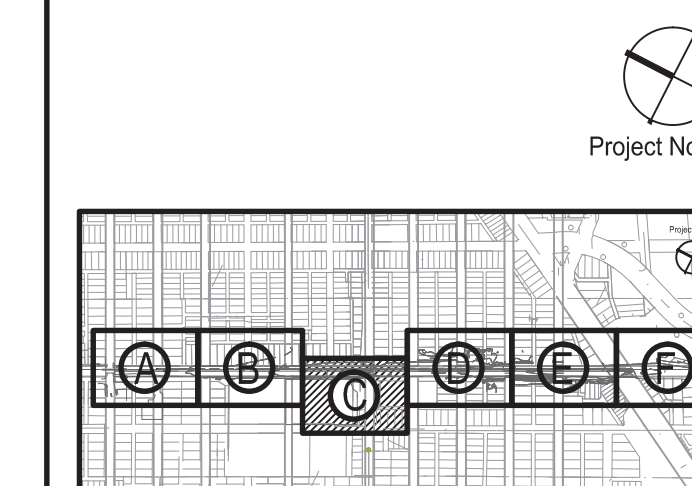
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

PAVING AND MATERIALS
PLAN - AREA C
ENLARGEMENT

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 10'-0"
50752.000

PROJECT NUMBER

D-C1.8

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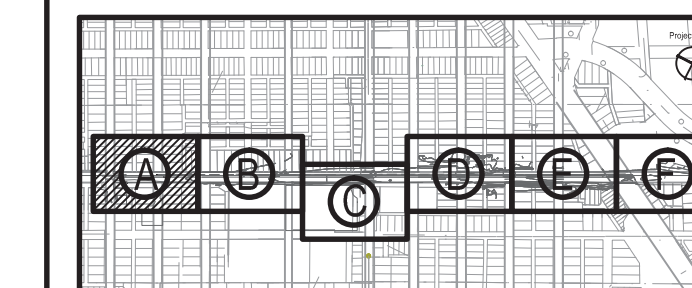
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SEALS AND SIGNATURES

KEY PLAN



Project North



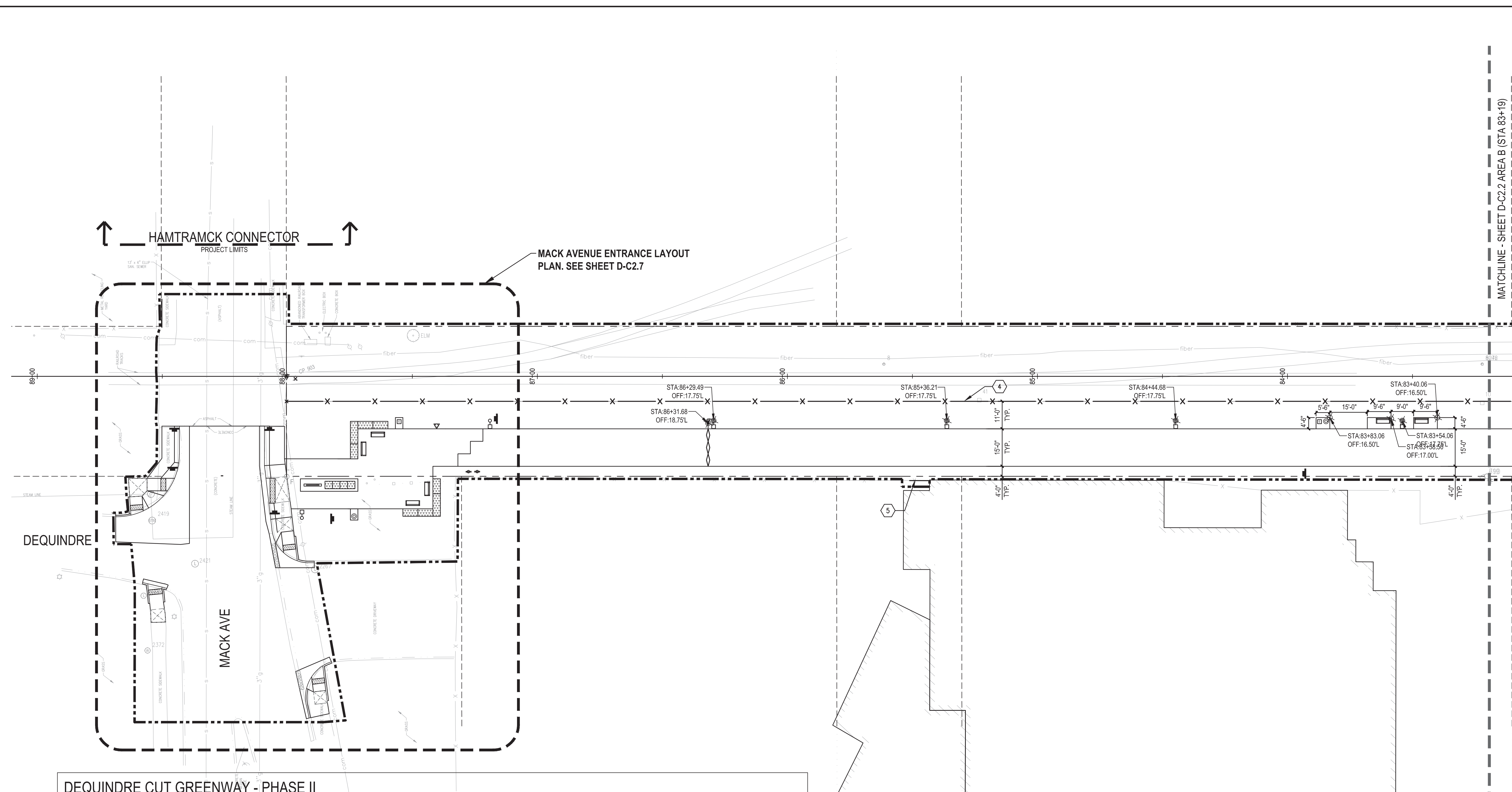
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LAYOUT PLAN - AREA A

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER
D-C2.1
DRAWING NUMBER
34 of 497



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DEQUINDRE CUT GREENWAY - PHASE II

LAYOUT KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_BENCH, TYPE D (2) (D-C5.2)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	RIGHT - OF - WAY LINE		_RETAINING WALL, TYPE 1 (1) (D-C5.9)		_SIGN, FDN (7) (D-C5.7)
	MATCH LINE		_RETAINING WALL, TYPE 2 (1) (D-C5.12)		STATION AND OFFSET POINT
	HORIZONTAL ALIGNMENT		_STEPS, CONC, MODIFIED		MEET EXISTING CURB
	ADJACENT PROJECT		_HAND RAIL, TYPE D (3) (D-C5.4)		MEET EXISTING PAVEMENT
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_RAILING, BARRIER, TYPE D (1) (D-C5.5)		PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)		_SIGN, ENTRY (3) (D-C5.7)		FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE
	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED) (5) (D-C5.3)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		_FIXTURE TYPE D_		

REFER TO G0.5 FOR LAYOUT NOTES.

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Dequindre Cut Phase II

Dequindre Cut
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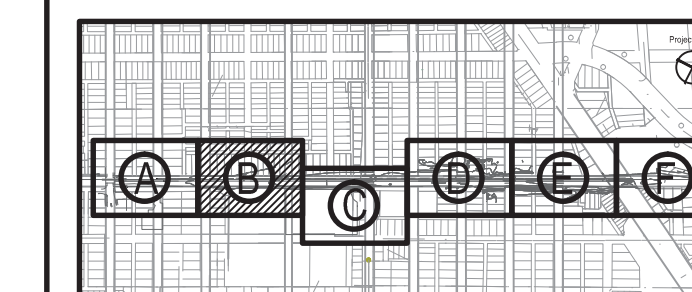
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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN

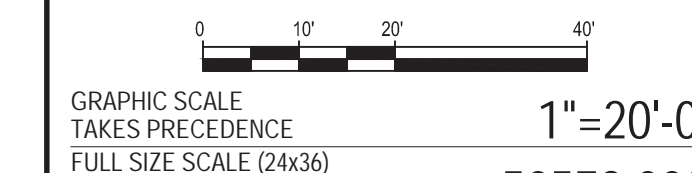


Project North



DRAWING TITLE

LAYOUT PLAN - AREA B



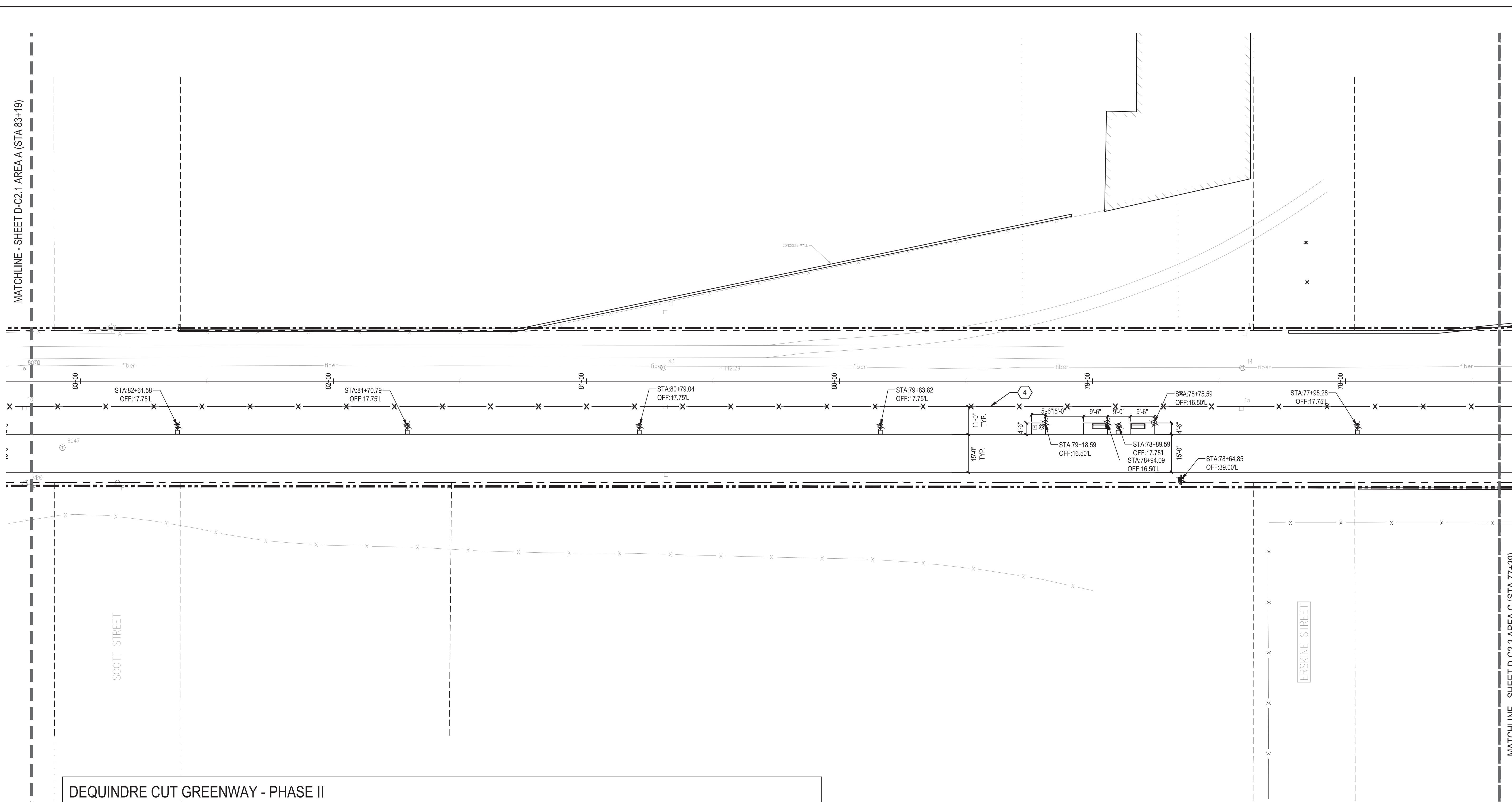
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DEQUINDRE CUT GREENWAY - PHASE II

LAYOUT KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_BENCH, TYPE D (2) (D-C5.2)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.7)
	RIGHT - OF - WAY LINE		_RETAINING WALL, TYPE 1 (1) (D-C6.9)		_SIGN, FDN (7) (D-C5.7)
	MATCH LINE		_RETAINING WALL, TYPE 2 (1) (D-C6.12)		STATION AND OFFSET POINT
	HORIZONTAL ALIGNMENT		_STEPS, CONC, MODIFIED		MEET EXISTING CURB
	ADJACENT PROJECT		_HAND RAIL, TYPE D (3) (D-C5.4)		MEET EXISTING PAVEMENT
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_RAILING, BARRIER, TYPE D (1) (D-C5.5)		PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)		_SIGN, ENTRY (3) (D-C5.7)		FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE
	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED) (5) (D-C5.3)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		_FIXTURE TYPE D_		

REFER TO G0.5 FOR LAYOUT NOTES.



Dequindre Cut Phase II

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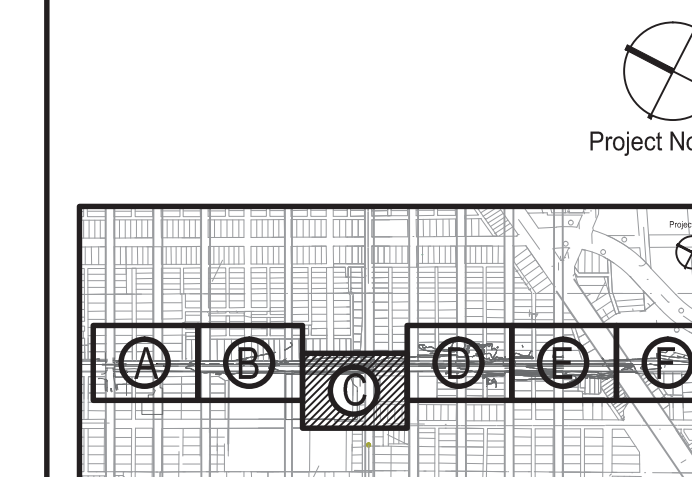
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
LAYOUT PLAN - AREA C

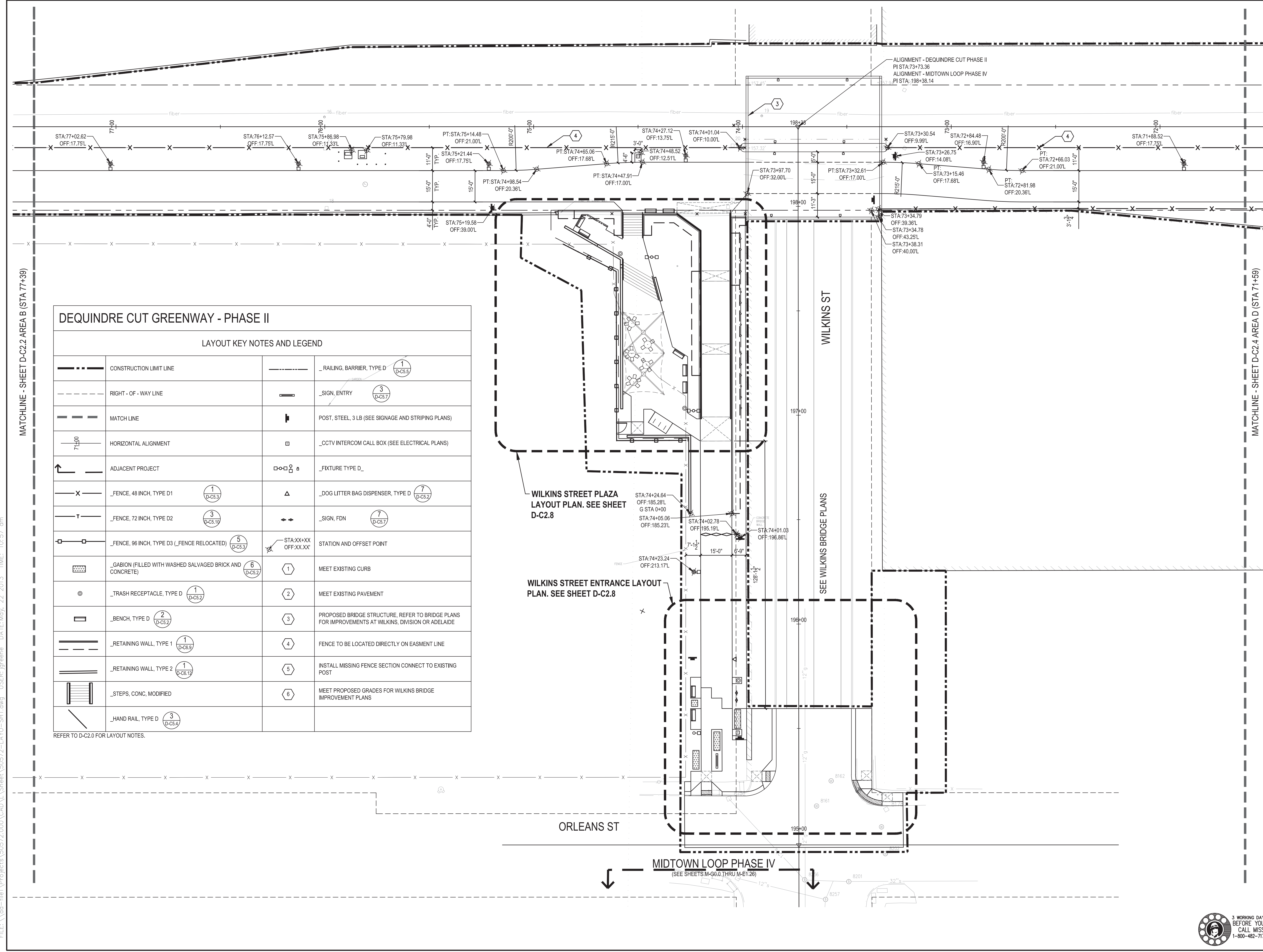
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TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER

D-C2.3

DRAWING NUMBER

36 of 497



DEQUINDRE CUT GREENWAY - PHASE II			
LAYOUT KEY NOTES AND LEGEND			
	CONSTRUCTION LIMIT LINE		_RAILINGS, BARRIER, TYPE D (1) (D-C5.5)
	RIGHT - OF - WAY LINE		_SIGN, ENTRY (3) (D-C5.7)
	MATCH LINE		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)
	HORIZONTAL ALIGNMENT		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	ADJACENT PROJECT		_FIXTURE TYPE D
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)		_SIGN, FDN (7) (D-C5.7)
	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED) (5) (D-C5.3)		STATION AND OFFSET POINT
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.7)		MEET EXISTING CURB
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		MEET EXISTING PAVEMENT
	_BENCH, TYPE D (2) (D-C5.2)		PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	_RETAINING WALL, TYPE 1 (1) (D-C6.9)		FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE
	_RETAINING WALL, TYPE 2 (1) (D-C6.12)		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST
	_STEPS, CONC, MODIFIED		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	_HAND RAIL, TYPE D (3) (D-C5.4)		

REFER TO D-C2.0 FOR LAYOUT NOTES.

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Owners:



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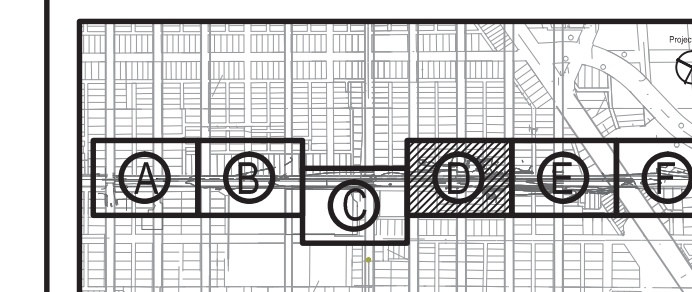
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100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
LAYOUT PLAN - AREA D

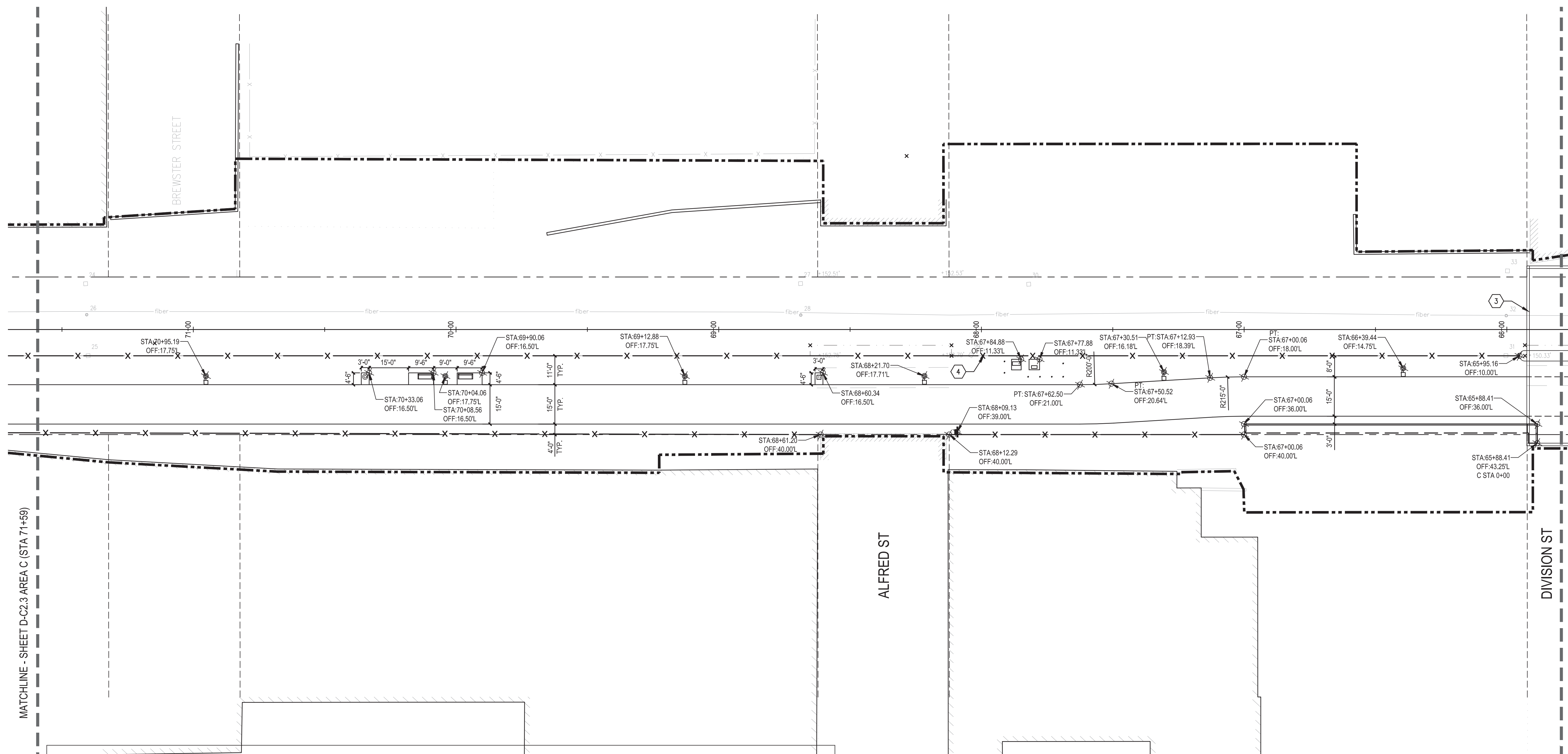
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TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER

D-C2.4

DRAWING NUMBER

37 of 497



DEQUINDRE CUT GREENWAY - PHASE II

LAYOUT KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_BENCH, TYPE D (2) (D-C5.2)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	RIGHT - OF - WAY LINE		_RETAINING WALL, TYPE 1 (1) (D-C6.9)		_SIGN, FDN (7) (D-C5.7)
	MATCH LINE		_RETAINING WALL, TYPE 2 (1) (D-C6.10)		STATION AND OFFSET POINT
	HORIZONTAL ALIGNMENT		_STEPS, CONC, MODIFIED		MEET EXISTING CURB
	ADJACENT PROJECT		_HAND RAIL, TYPE D (3) (D-C5.4)		MEET EXISTING PAVEMENT
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_RAILING, BARRIER, TYPE D (1) (D-C5.5)		PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.19)		_SIGN, ENTRY (3) (D-C5.7)		FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE
	_FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED) (5) (D-C5.3)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		_FIXTURE TYPE D		

REFER TO 60.5 FOR LAYOUT NOTES.



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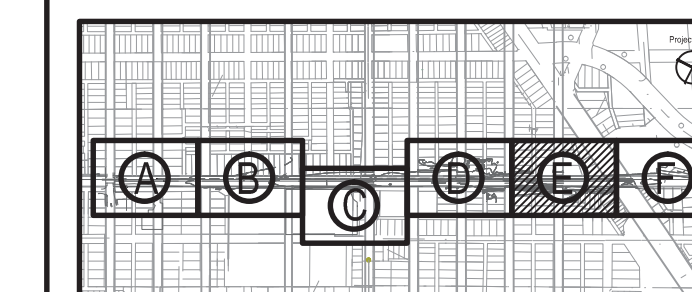
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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN

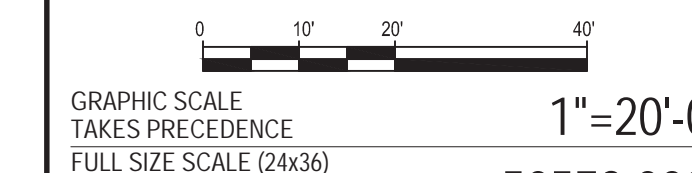


Project North



DRAWING TITLE

LAYOUT PLAN - AREA E



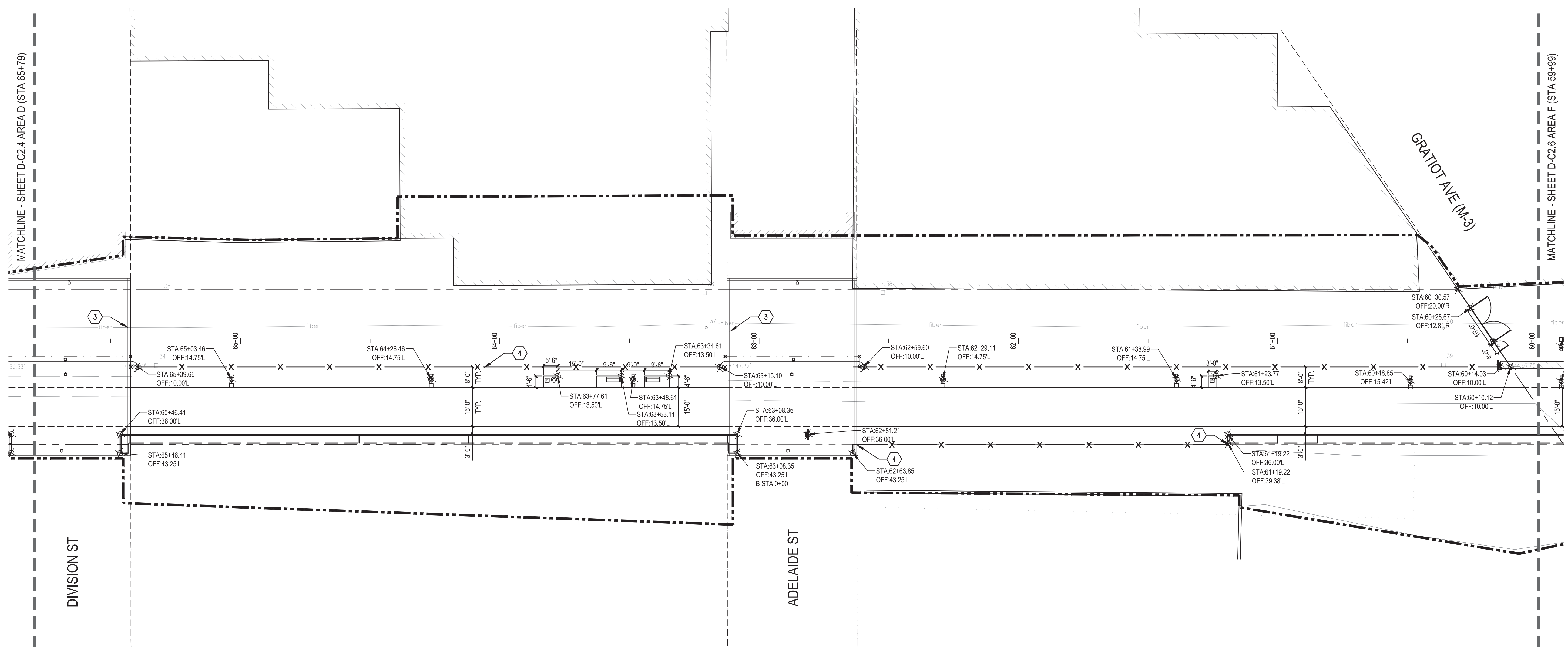
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D-C2.5

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DEQUINDRE CUT GREENWAY - PHASE II			
LAYOUT KEY NOTES AND LEGEND			
	CONSTRUCTION LIMIT LINE		_BENCH, TYPE D (2) (D-C5.2)
	RIGHT-OF-WAY LINE		_RETAINING WALL, TYPE 1 (1) (D-C6.9)
	MATCH LINE		_RETAINING WALL, TYPE 2 (1) (D-C6.12)
	HORIZONTAL ALIGNMENT		_STEPS, CONC, MODIFIED
	ADJACENT PROJECT		_HAND RAIL, TYPE D (3) (D-C5.4)
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_RAILINGS, BARRIER, TYPE D (1) (D-C5.5)
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)		_SIGN, ENTRY (3) (D-C5.7)
	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED) (5) (D-C5.3)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		_FIXTURE, TYPE D
	_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)		_SIGN, FDN (7) (D-C5.7)
	STATION AND OFFSET POINT		MEET EXISTING CURB
	MEET EXISTING PAVEMENT		PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST
	MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS		

REFER TO G0.5 FOR LAYOUT NOTES.



Dequindre Cut Phase II

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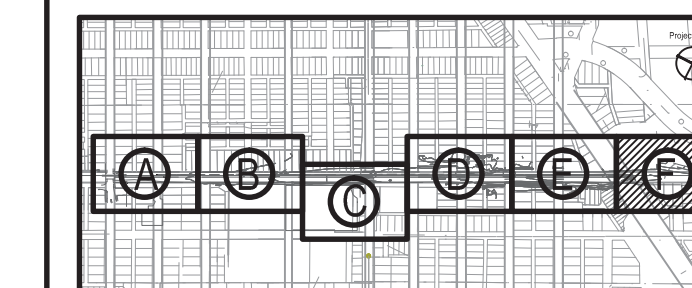
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SEALS AND SIGNATURES

KEY PLAN

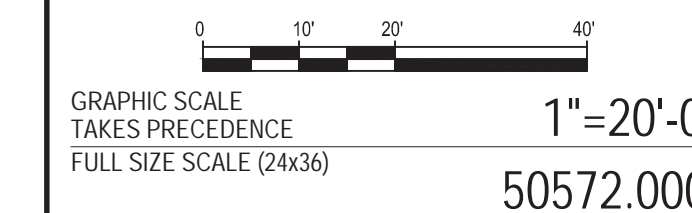


Project North



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LAYOUT PLAN - AREA F



PROJECT NUMBER

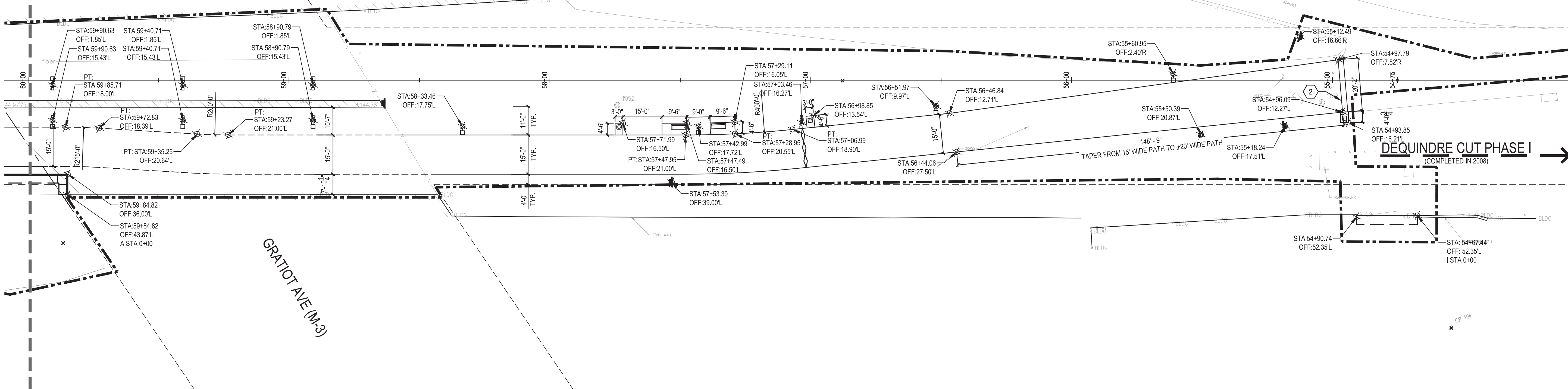
D-C2.6

DRAWING NUMBER

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MATCHLINE - SHEET D-C2.5 AREA E (STA 59+99)



DEQUINDRE CUT GREENWAY - PHASE II

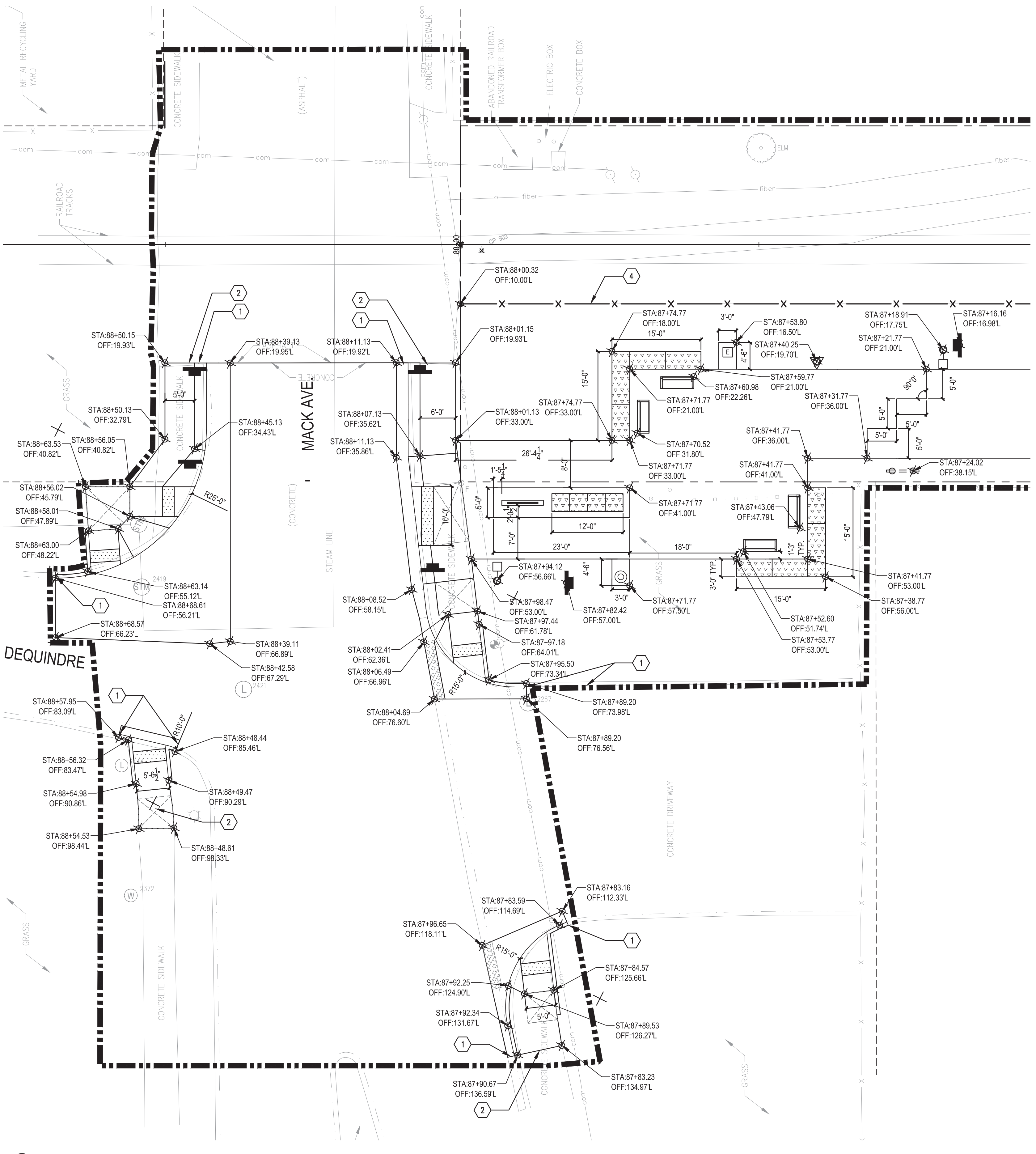
LAYOUT KEY NOTES AND LEGEND

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	RIGHT - OF - WAY LINE		_RETAINING WALL, TYPE 1 (1) (D-C5.9)		_SIGN, FDN (7) (D-C5.7)
	MATCH LINE		_RETAINING WALL, TYPE 2 (1) (D-C5.10)		STA:XX+XX OFF:XX.XX'
	HORIZONTAL ALIGNMENT		_STEPS, CONC, MODIFIED		MEET EXISTING CURB (1)
	ADJACENT PROJECT		_HAND RAIL, TYPE D (3) (D-C5.4)		MEET EXISTING PAVEMENT (2)
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_RAILING, BARRIER, TYPE D (1) (D-C5.5)		PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE (3)
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)		_SIGN, ENTRY (3) (D-C5.7)		FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE (4)
	_FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED) (5) (D-C5.3)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST (5)
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS (6)
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		_FIXTURE TYPE D_		

REFER TO 00.5 FOR LAYOUT NOTES.

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1 MACK AVENUE ENTRANCE LAYOUT PLAN
PLAN

1" = 10'-0"

DEQUINDRE CUT GREENWAY - PHASE II			
LAYOUT KEY NOTES AND LEGEND			
	CONSTRUCTION LIMIT LINE		_RAILING, BARRIER, TYPE D (1) (D-C5.5)
	RIGHT-OF-WAY LINE		_SIGN, ENTRY (3) (D-C5.7)
	MATCH LINE		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)
	HORIZONTAL ALIGNMENT		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	ADJACENT PROJECT		_FIXTURE TYPE D
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)		_SIGN, FDN (7) (D-C5.7)
	_FENCE, 96 INCH, TYPE D3 (_FENCE RELOCATED) (5) (D-C5.3)		STA:XX+XX OFF:XX.XX'
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)		MEET EXISTING CURB
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		MEET EXISTING PAVEMENT
	_BENCH, TYPE D (2) (D-C5.2)		PROPOSED BRIDGE STRUCTURE, REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	_RETAINING WALL, TYPE 1 (1) (D-C6.9)		FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE
	_RETAINING WALL, TYPE 2 (1) (D-C6.12)		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST
	_STEPS, CONC, MODIFIED		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	_HAND RAIL, TYPE D (3) (D-C5.4)		

REFER TO D-C2.0 FOR LAYOUT NOTES.

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development Corporation of the City of Detroit

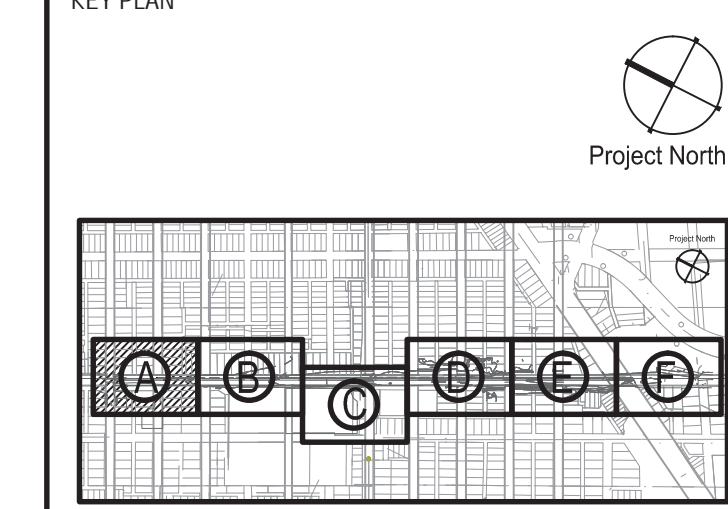
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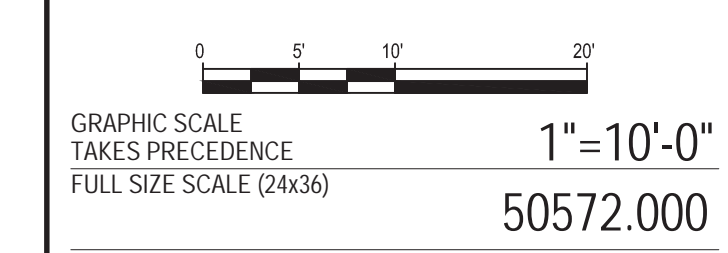
ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
LAYOUT PLAN- AREA A ENLARGEMENT



PROJECT NUMBER
D-C2.7

DRAWING NUMBER
40 of 497



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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



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Economic Development
Corporation of the City of Detroit

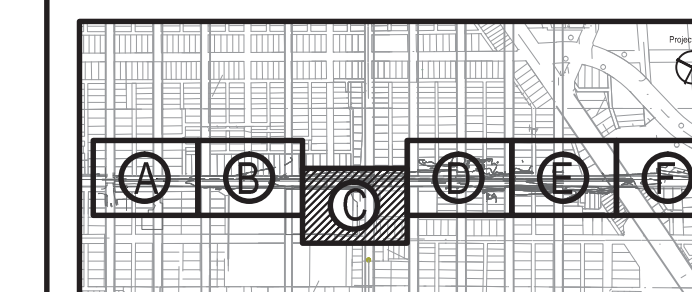
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**LAYOUT PLAN- AREA C
ENLARGEMENT**

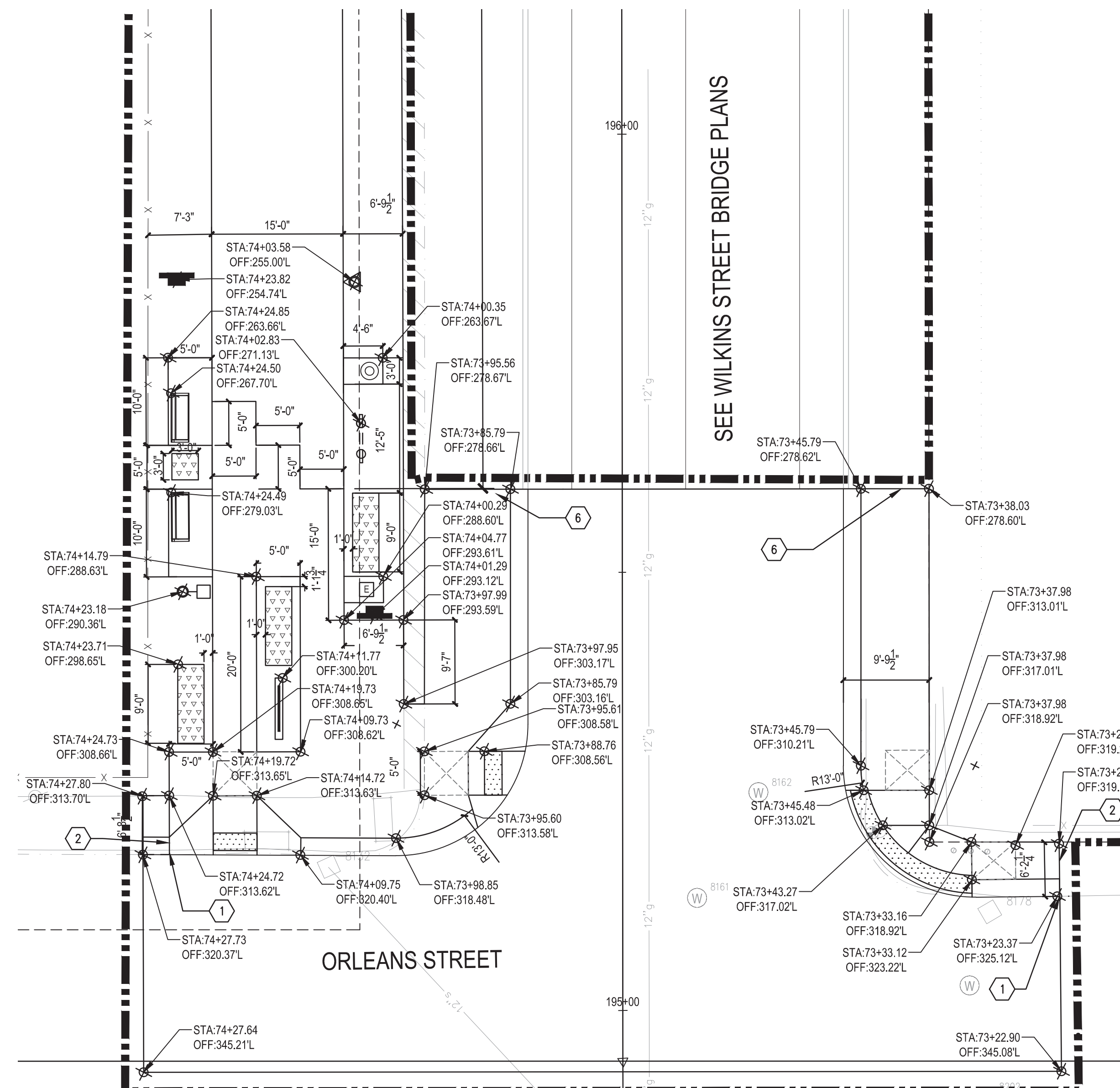
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=10'-0"
50572.000

PROJECT NUMBER

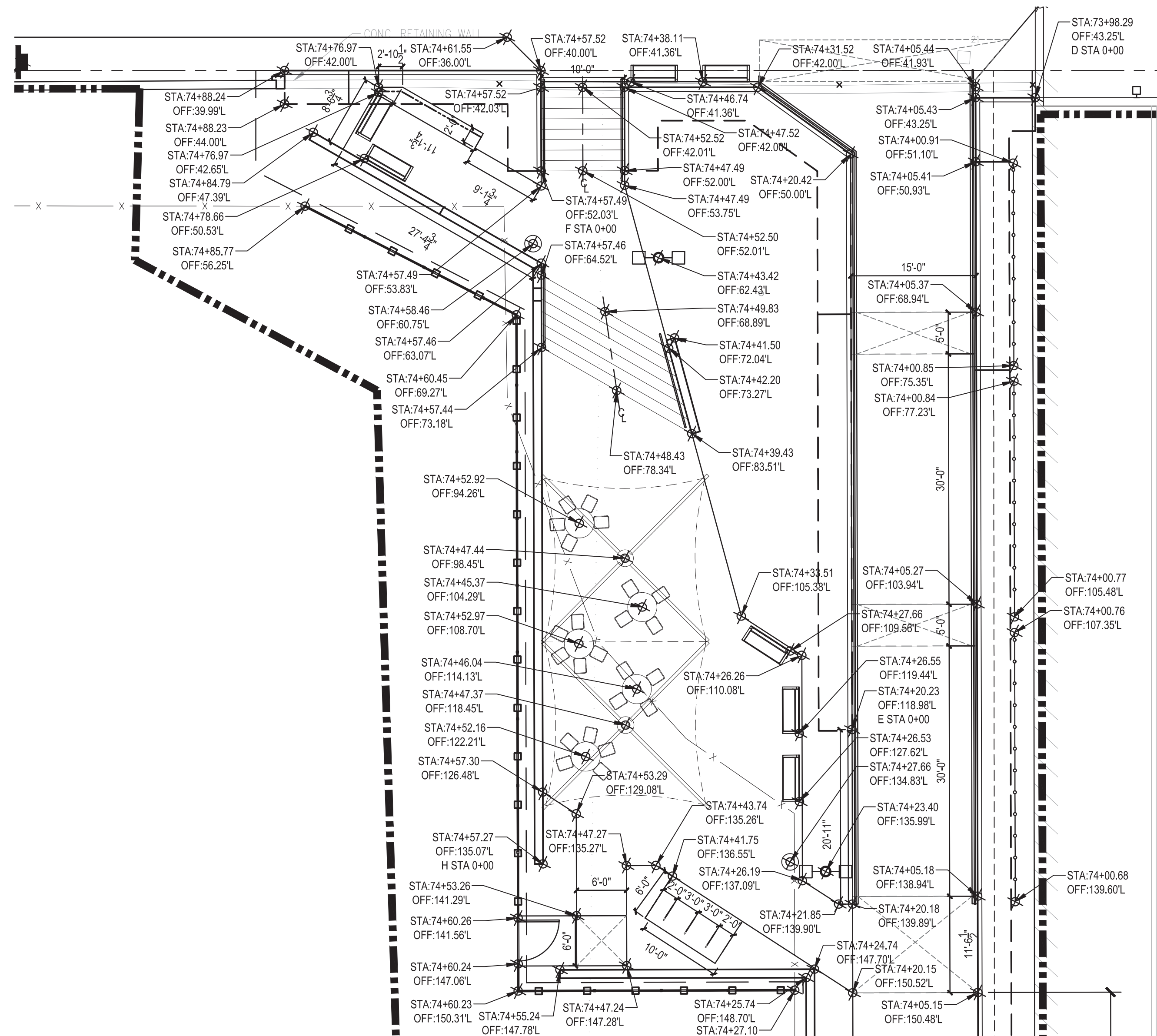
D-C2.8

DRAWING NUMBER

41 of 497



2 - WILKINS STREET ENTRANCE LAYOUT PLAN
PLAN
1" = 10'-0"



1 WILKINS STREET PLAZA LAYOUT PLAN
PLAN
1" = 10'-0"

DEQUINDRE CUT GREENWAY - PHASE II

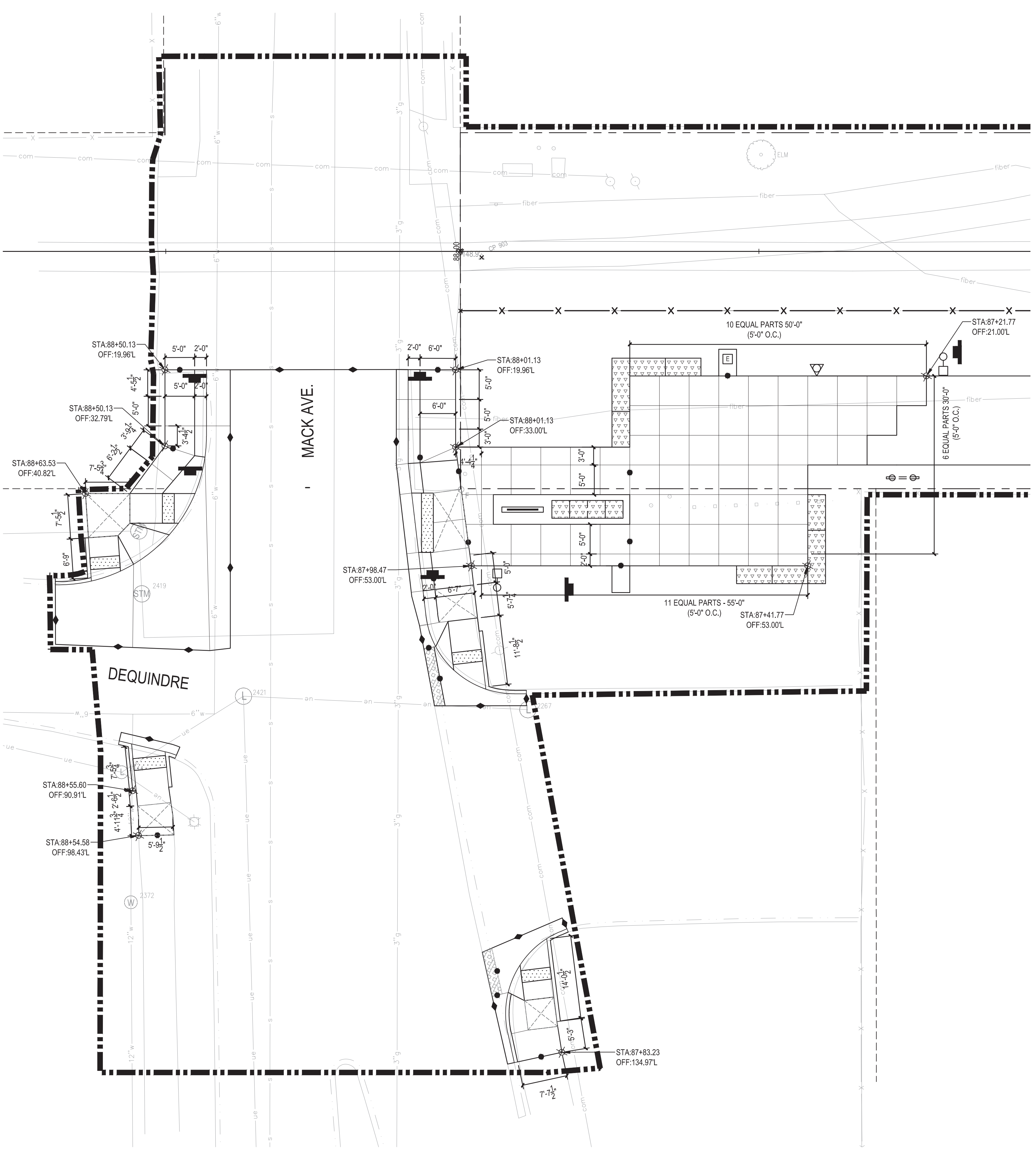
LAYOUT KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_BENCH, TYPE D (2) (D-C5.2)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	RIGHT - OF - WAY LINE		_RETAINING WALL, TYPE 1 (1) (D-C6.9)		_SIGN, FDN (7) (D-C5.7)
	MATCH LINE		_RETAINING WALL, TYPE 2 (1) (D-C6.12)		STATION AND OFFSET POINT
	HORIZONTAL ALIGNMENT		_STEPS, CONC, MODIFIED		MEET EXISTING CURB
	ADJACENT PROJECT		_HAND RAIL, TYPE D (3) (D-C5.4)		MEET EXISTING PAVEMENT
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_RAILING, BARRIER, TYPE D (1) (D-C5.5)		PROPOSED BRIDGE STRUCTURE. REFER TO BRIDGE PLANS FOR IMPROVEMENTS AT WILKINS, DIVISION OR ADELAIDE
	_FENCE, 72 INCH, TYPE D2 (3) (D-C5.10)		_SIGN, ENTRY (3) (D-C5.7)		FENCE TO BE LOCATED DIRECTLY ON EASMENT LINE
	_FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED) (5) (D-C5.3)		POST, STEEL, 3 LB (SEE SIGNAGE AND STRIPING PLANS)		INSTALL MISSING FENCE SECTION CONNECT TO EXISTING POST
	_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)		_FIXTURE TYPE D_		

REFER TO D-C2.0 FOR LAYOUT NOTES.

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1 MACK AVENUE ENTRANCE JOINTING PLAN
PLAN

1" = 10'-0"

DEQUINDRE CUT GREENWAY - PHASE II

JOINTING PLAN ENLARGEMENT KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_RAILING, BARRIER, TYPE D (1) (D-C5.4)
	RIGHT - OF - WAY LINE		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)
	MATCH LINE		_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)
	HORIZONTAL ALIGNMENT		_BENCH, TYPE D (2) (D-C5.2)
	ADJACENT PROJECT		_SIGN, ENTRY (SEE SIGNAGE AND STRIPING PLANS)
	SEALED EXPANSION JOINT (7) (D-C5.0)		_SIGN (SEE SIGNAGE AND STRIPING PLANS)
	CONTROL JOINT (8) (D-C5.0)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	TIED COLD (CONSTRUCTION) JOINT (6) (D-C5.0)		_FIXTURE TYPE D
	_FENCE, 48 INCH, TYPE D1 (1) (D-C5.3)		_DOG LITTER BAG DISPENSER, TYPE D (7) (D-C5.2)
	_HAND RAIL, TYPE D (3) (D-C5.4)		_SIGN, FDN (7) (D-C5.7)

REFER TO G0.5 FOR JOINTING NOTES.

Dequindre Cut
Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

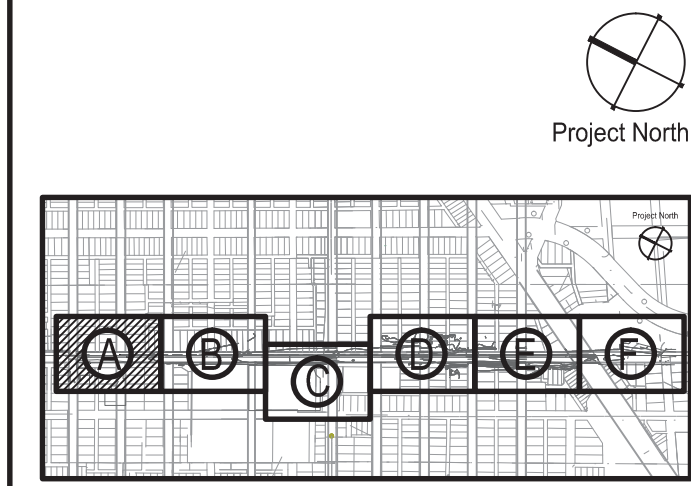
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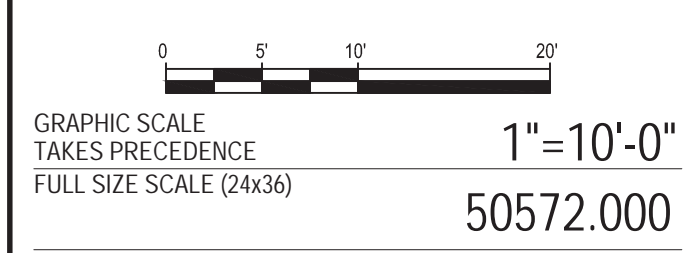
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**JOINTING PLAN - AREA A
ENLARGMENT**



PROJECT NUMBER
D-C3.7

DRAWING NUMBER
42 of 497



3 WORKING DAYS
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Dequindre Cut Phase II

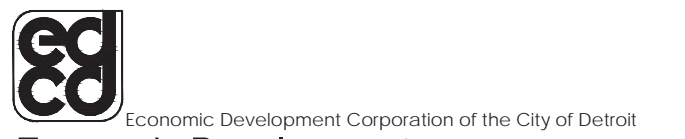
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



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Corporation of the City of Detroit

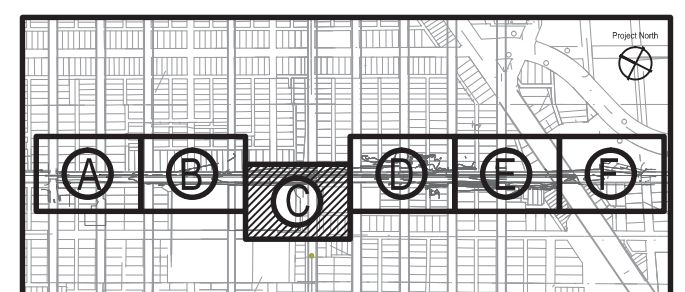
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
JOINTING PLAN - AREA C ENLARGMENT



GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 10'-0"
50572.000

PROJECT NUMBER

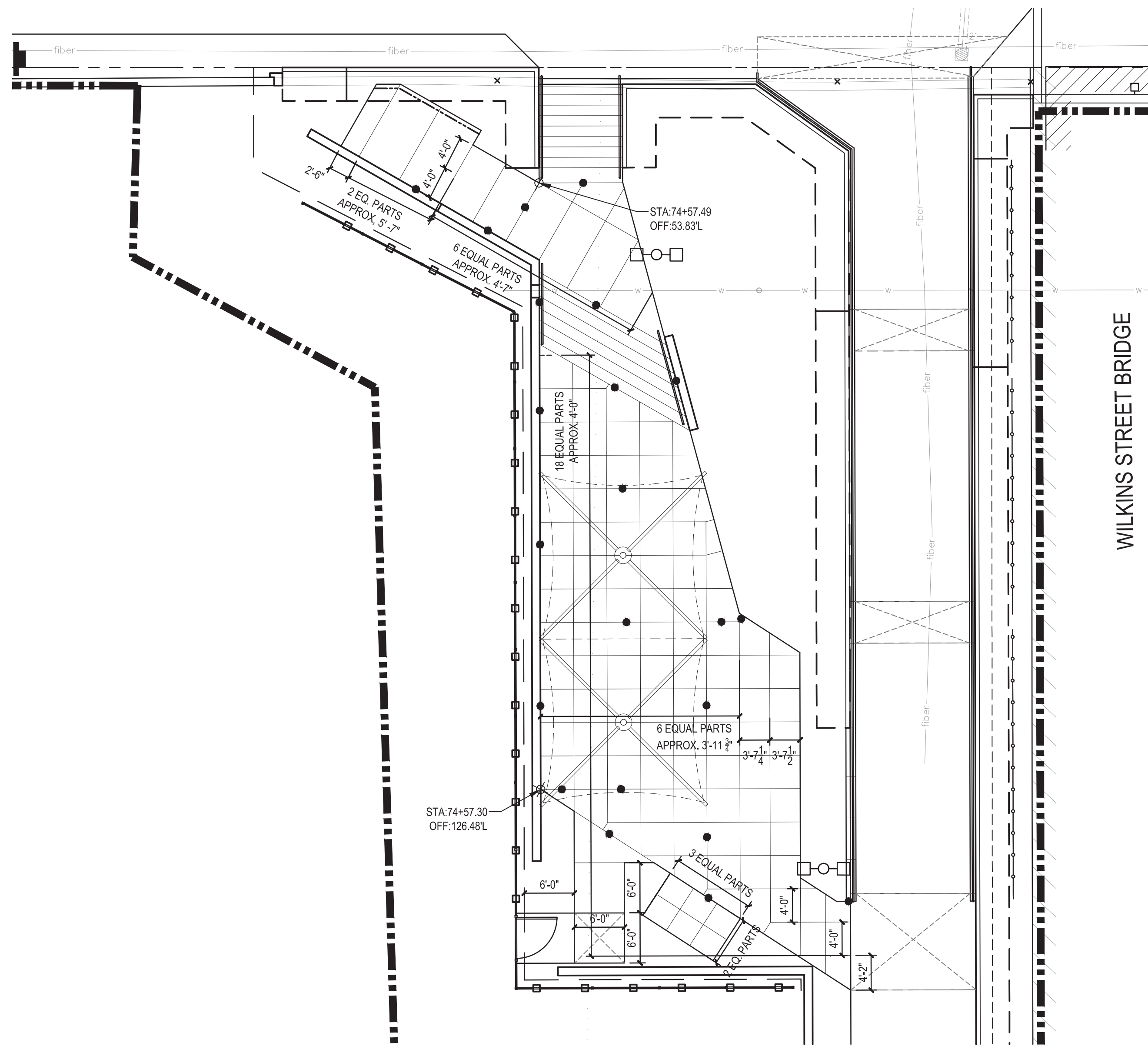
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DRAWING NUMBER

43 of 497

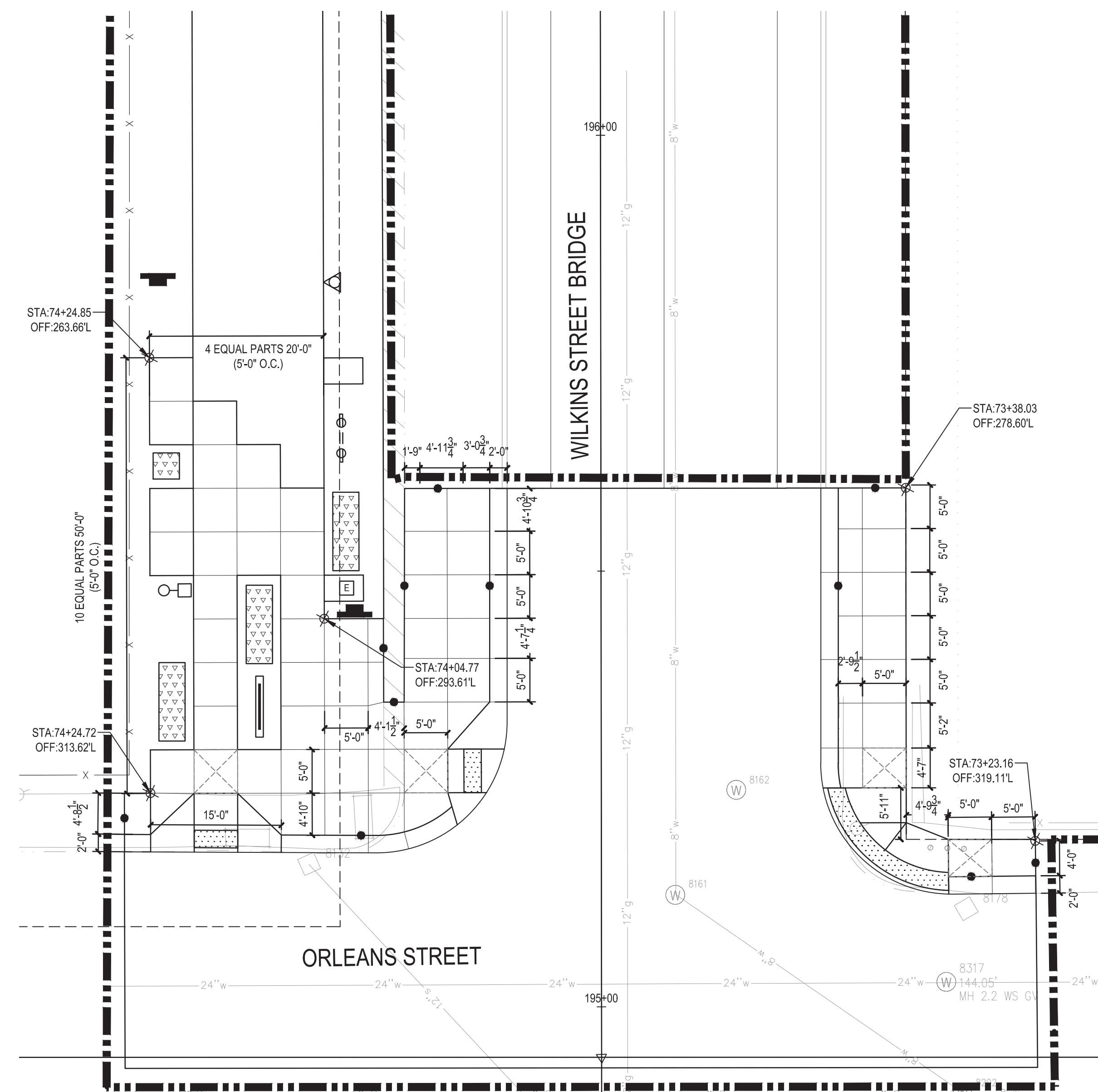


3 WORKING DAYS
BEFORE YOU DIG
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1 WILKINS STREET PLAZA JOINTING PLAN
PLAN

1" = 10'-0"



2 WILKINS STREET ENTRANCE JOINTING PLAN
PLAN

1" = 10'-0"

DEQUINDRE CUT GREENWAY - PHASE II

JOINTING PLAN ENLARGEMENT KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_RAILING, BARRIER, TYPE D ¹ _(D-C5.4)
	RIGHT - OF - WAY LINE		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) ⁶ _(D-C5.2)
	MATCH LINE		_TRASH RECEPTACLE, TYPE D ¹ _(D-C5.2)
	HORIZONTAL ALIGNMENT		_BENCH, TYPE D ² _(D-C5.2)
	ADJACENT PROJECT		_SIGN, ENTRY (SEE SIGNAGE AND STRIPING PLANS)
	SEALED EXPANSION JOINT ⁷ _(D-C5.0)		_SIGN (SEE SIGNAGE AND STRIPING PLANS)
	CONTROL JOINT ⁸ _(D-C5.0)		_CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
	TIED COLD (CONSTRUCTION) JOINT ⁶ _(D-C5.0)		_FIXTURE TYPE D_
	_FENCE, 48 INCH, TYPE D1 ¹ _(D-C5.3)		_DOG LITTER BAG DISPENSER, TYPE D ⁷ _(D-C5.2)
	_HAND RAIL, TYPE D ³ _(D-C5.4)		_SIGN, FDN ⁷ _(D-C5.7)

REFER TO G0.5 FOR JOINTING NOTES.

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

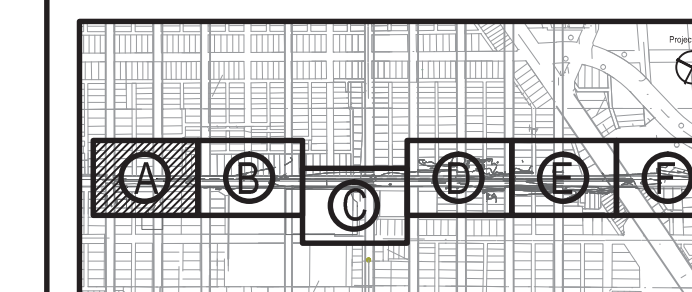
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

SIGNAGE AND STRIPING
PLAN - AREA A

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
5072.000

PROJECT NUMBER

D-C4.1

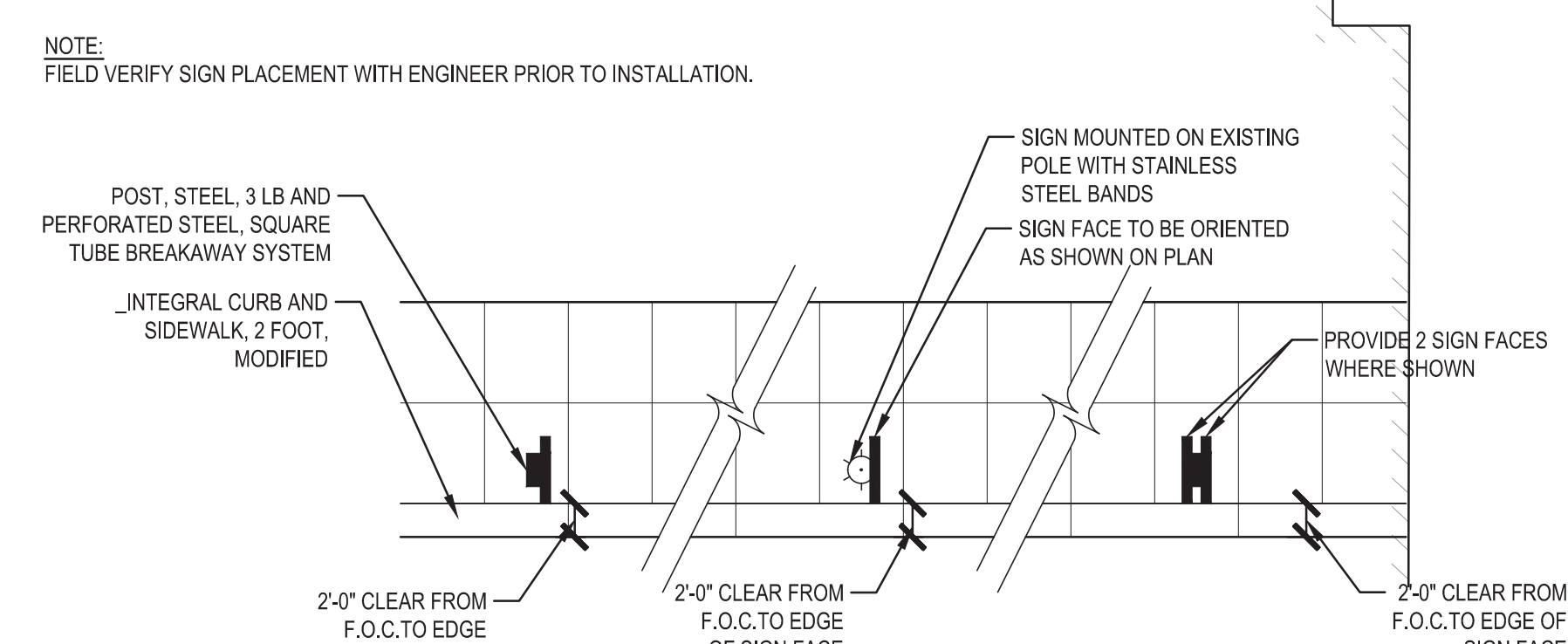
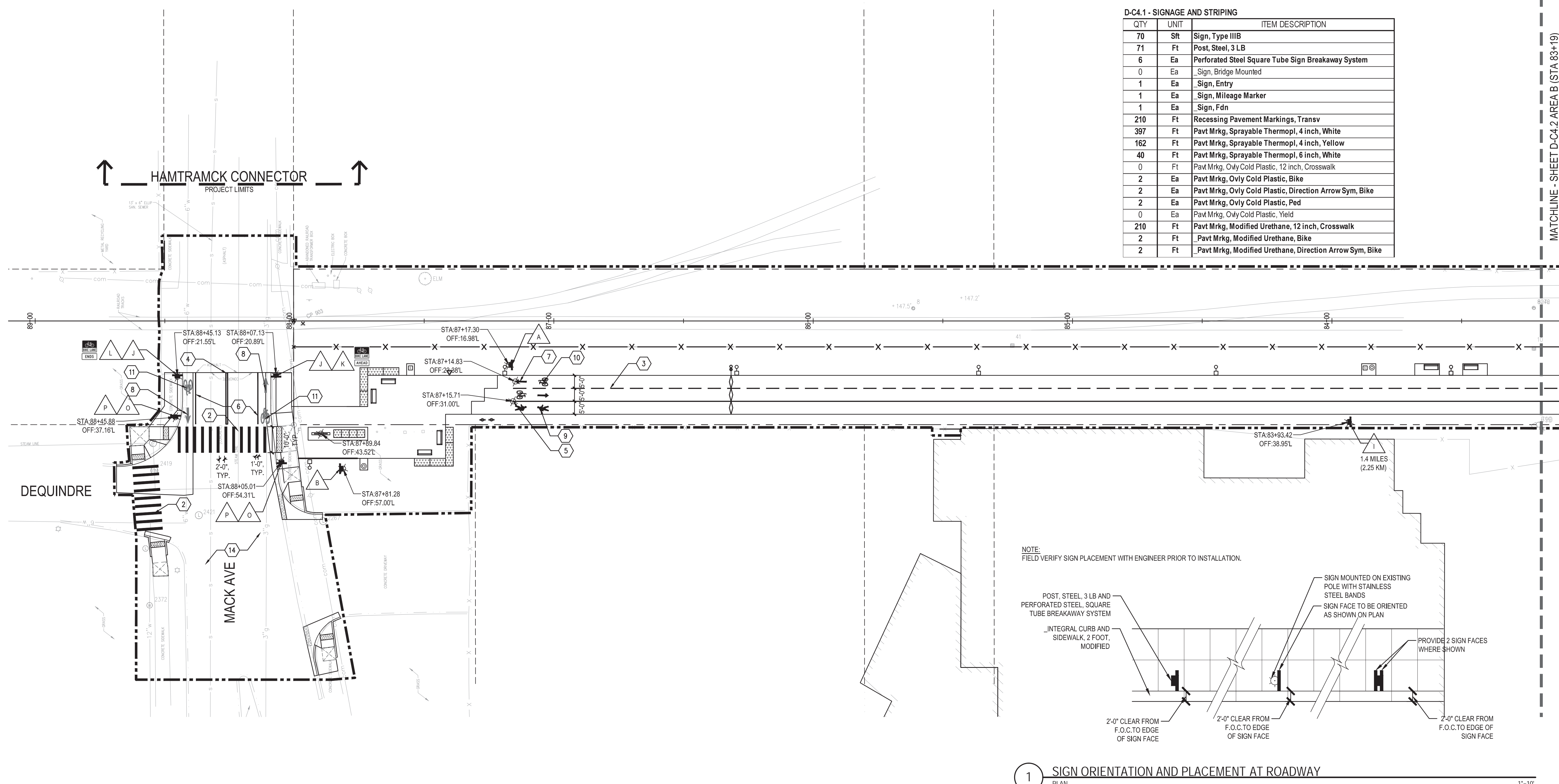
DRAWING NUMBER

44 of 497

D-C4.1 - SIGNAGE AND STRIPING

QTY	UNIT	ITEM DESCRIPTION
70	Sft	Sign, Type III B
71	Ft	Post, Steel, 3 LB
6	Ea	Perforated Steel Square Tube Sign Breakaway System
0	Ea	_Sign, Bridge Mounted
1	Ea	_Sign, Entry
1	Ea	_Sign, Mileage Marker
1	Ea	_Sign, Fdn
210	Ft	Recessing Pavement Markings, Transv
397	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
162	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow
40	Ft	Pavt Mrkg, Sprayable Thermopl, 6 inch, White
0	Ft	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk
2	Ea	Pavt Mrkg, Ovly Cold Plastic, Bike
2	Ea	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike
2	Ea	Pavt Mrkg, Ovly Cold Plastic, Ped
0	Ea	Pavt Mrkg, Ovly Cold Plastic, Yield
210	Ft	Pavt Mrkg, Modified Urethane, 12 inch, Crosswalk
2	Ft	Pavt Mrkg, Modified Urethane, Bike
2	Ft	Pavt Mrkg, Modified Urethane, Direction Arrow Sym, Bike

MATCHLINE - SHEET D-C4.2 AREA B (STA 83+19)



1 SIGN ORIENTATION AND PLACEMENT AT ROADWAY
PLAN

1"=10'

DEQUINDRE CUT GREENWAY - PHASE II

SIGNAGE AND STRIPING KEY NOTES AND LEGEND

Symbol	Description	Code	Notes
--- ---	CONSTRUCTION LIMIT LINE		
---	RIGHT - OF - WAY LINE	A	
- - - -	MATCH LINE	B	
—+—	HORIZONTAL ALIGNMENT	C	
↔	ADJACENT PROJECT	D	
■	POST, STEEL, 3 LB AND PERFORATED STEEL SQUARE TUBE BREAKAWAY SYSTEM	E	
△	_SIGN, TYPE III	F	
△	_SIGN, BRIDGE MOUNTED	G	
—	_SIGN, ENTRY	H	
—	_SIGN, BRIDGE MOUNTED, "Adelaide St"	I	
—	_SIGN, MILEAGE MARKER	J	
—	SIGN TYPE, III B (R3-17AP, 24 INCH X 18 INCH)	K	
—	SIGN, TYPE III B (R3-17AP, 24 INCH X 8 INCH)	L	
—	SIGN, TYPE III B (W11-15, 24 INCH X 24 INCH)	M	
—	SIGN, TYPE III B (W11-15P, 24 INCH X 18 INCH)	N	
—	SIGN, TYPE III B (W11-2, 36 INCH X 36 INCH)	O	
—	SIGN, TYPE III B (W16-7P, 12 INCH X 24 INCH)	P	
—	PAVT MRKG, MODIFIED URETHANE, DIRECTION ARROW SYM, BIKE	1	
—	PAVT MRKG, OVLY COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)	2	
—	PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)	3	
—	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DASHED)	4	
—	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DOUBLE SOLID)	5	
—	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, WHITE (SOLID)	6	
—	PAVT MRKG, SPRAYABLE, THERMOPL, 6 INCH, WHITE, SOLID	7	
—	PAVT MRKG, OVLY COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)	8	
—	PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)	9	
—	PAVT MRKG, OVLY COLD PLASTIC, BIKE	10	
—	PAVT MRKG, MODIFIED URETHANE, BIKE	11	
—	PAVT MRKG, OVLY COLD PLASTIC, YIELD	12	
—	_SIGN AND POST, REM	13	
—	EXISTING PAVING MARKINGS TO REMAIN (ALIGN WITH EXISTING PAVEMENT MARKINGS)	14	
—	EXISTING SIGNS TO REMAIN	15	

REFER TO G0.6 FOR SIGNAGE AND STRIPING NOTES.



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FILE: \\p01-11et\Projects\50572.000\CAO\Sheet\50572-STRP-SHT.dwg USER:jgreene DATE: May, 22, 2013 TIME: 11:00 am

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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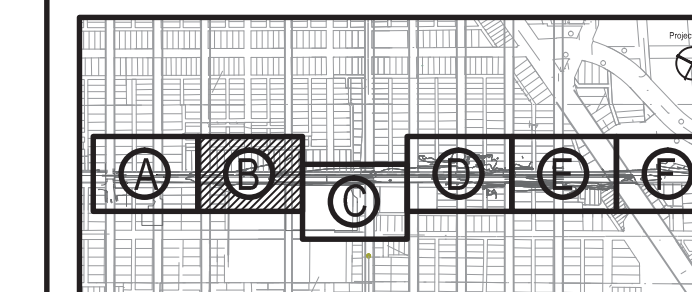
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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN

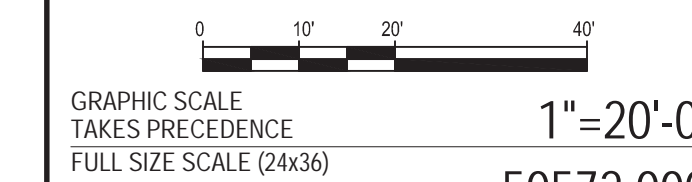


Project North



DRAWING TITLE

SIGNAGE AND STRIPING PLAN - AREA B



PROJECT NUMBER

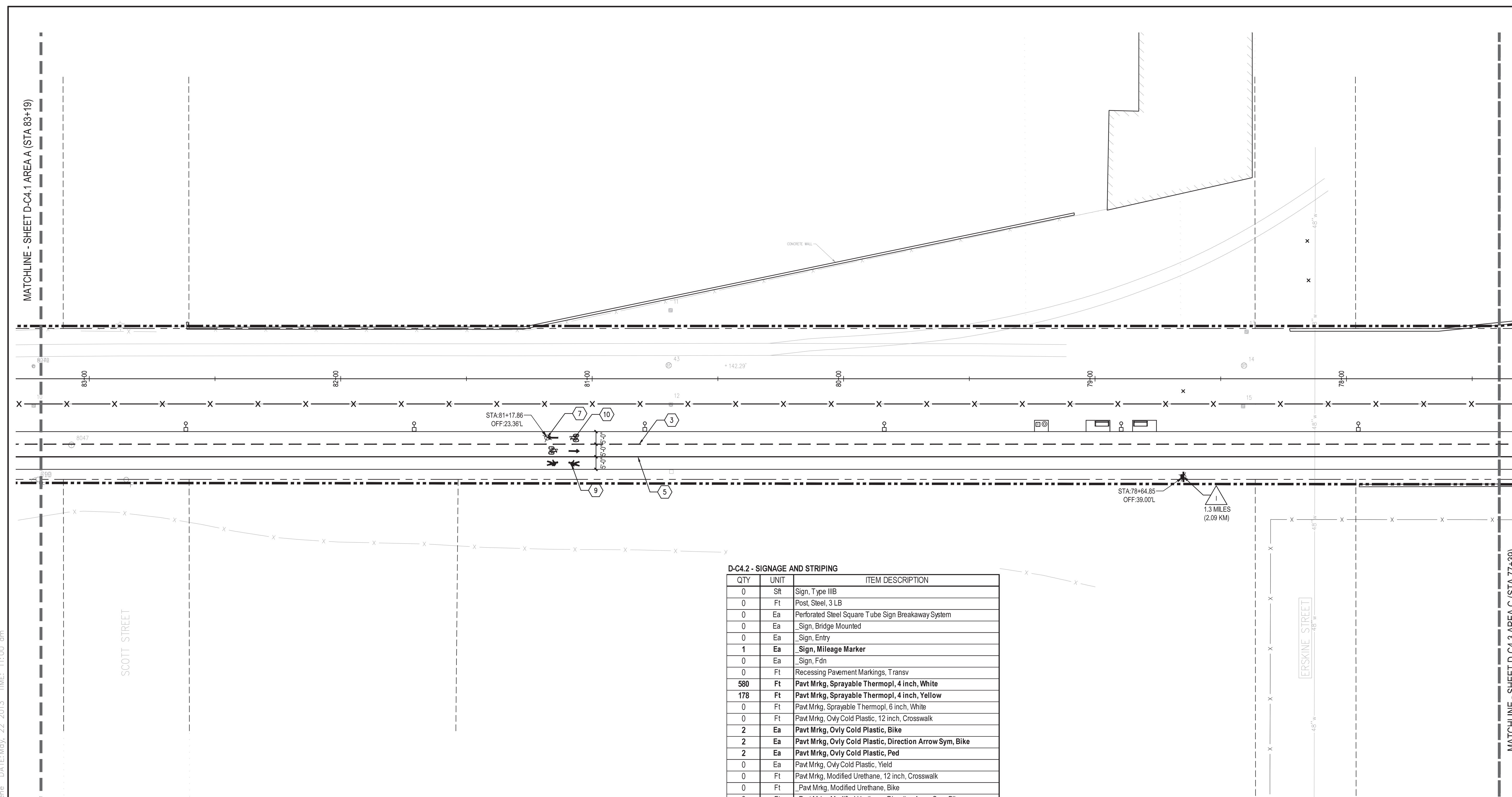
D-C4.2

DRAWING NUMBER

45 of 497



3 WORKING DAYS
BEFORE YOU DIG
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D-C4.2 - SIGNAGE AND STRIPING

QTY	UNIT	ITEM DESCRIPTION
0	Sft	Sign, Type IIIB
0	Ft	Post, Steel, 3 LB
0	Ea	Perforated Steel Square Tube Sign Breakaway System
0	Ea	_Sign, Bridge Mounted
0	Ea	_Sign, Entry
1	Ea	Sign, Mileage Marker
0	Ea	_Sign, Fdn
0	Ft	Recessing Pavement Markings, Transv
580	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
178	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow
0	Ft	Pavt Mrkg, Sprayable Thermopl, 6 inch, White
0	Ft	Pavt Mrkg, Ovlv Cold Plastic, 12 inch, Crosswalk
2	Ea	Pavt Mrkg, Ovlv Cold Plastic, Bike
2	Ea	Pavt Mrkg, Ovlv Cold Plastic, Direction Arrow Sym, Bike
2	Ea	Pavt Mrkg, Ovlv Cold Plastic, Ped
0	Ea	Pavt Mrkg, Ovlv Cold Plastic, Yield
0	Ft	Pavt Mrkg, Modified Urethane, 12 inch, Crosswalk
0	Ft	_Pavt Mrkg, Modified Urethane, Bike
0	Ft	_Pavt Mrkg, Modified Urethane, Direction Arrow Sym, Bike

DEQUINDRE CUT GREENWAY - PHASE II

SIGNAGE AND STRIPING KEY NOTES AND LEGEND

Symbol	Description	Code	Notes
--- ---	CONSTRUCTION LIMIT LINE		
---	RIGHT - OF - WAY LINE	A	
---	MATCH LINE	B	
171+00	HORIZONTAL ALIGNMENT	C	
↖	ADJACENT PROJECT	D	
■	POST, STEEL, 3 LB AND PERFORATED STEEL SQUARE TUBE BREAKAWAY SYSTEM	E	
△	SIGN, TYPE III	F	
△	_SIGN, BRIDGE MOUNTED	G	

Code	Description	Notes
H	_SIGN, ENTRY	
I	_SIGN, BRIDGE MOUNTED, "Adelaide St"	
J	_SIGN, MILEAGE MARKER	
K	SIGN TYPE, IIIB (R3-17AP, 24 INCH X 18 INCH)	
L	SIGN, TYPE IIIIB (R3-17AP, 24 INCH X 8 INCH)	
M	SIGN, TYPE IIIIB (W11-15P, 24 INCH X 18 INCH)	
N	SIGN, TYPE IIIIB (W11-15P, 24 INCH X 18 INCH)	
O	SIGN, TYPE IIIIB (W11-2, 36 INCH X 36 INCH)	

Code	Description	Notes
P	SIGN, TYPE IIIB (W16-7P, 12 INCH X 24 INCH)	
1	PAVT MRKG, OVLV COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)	
2	PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)	
3	_PAVT MRKING, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DASHED)	
4	_PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DOUBLE SOLID)	
5	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, WHITE (SOLID)	
6	PAVT MRKG, SPRAYABLE, THERMOPL, 6 INCH, WHITE, SOLID	
7	PAVT MRKG, OVLV COLD PLASTIC, DIRECTION ARROW SYM, BIKE	
8	PAVT MRKG, MODIFIED URETHANE, DIRECTION ARROW SYM, BIKE	
9	_PAVT MRKG, OVLV COLD PLASTIC, PED	
10	PAVT MRKG, OVLV COLD PLASTIC, BIKE	
11	PAVT MRKG, MODIFIED URETHANE, BIKE	
12	_PAVT MRKG, OVLV COLD PLASTIC, YIELD	
13	_SIGN AND POST, REM	
14	EXISTING PAVING MARKINGS TO REMAIN (ALIGN WITH EXISTING PAVEMENT MARKINGS)	
15	EXISTING SIGNS TO REMAIN	

REFER TO G0.6 FOR SIGNAGE AND STRIPING NOTES.

FILE: \\p01-11\Projects\50572\000\CAO\Sheet\50572-STRP-SHT.dwg USER:jgreene DATE: May, 22, 2013 TIME: 11:00 am

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

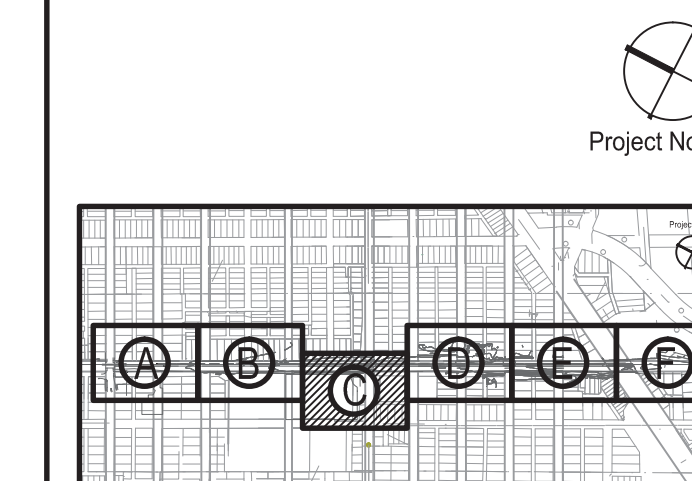
SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**SIGNAGE AND STRIPING
PLAN - AREA C**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50752.000

PROJECT NUMBER

D-C4.3

DRAWING NUMBER

46 of 497

MATCHLINE - SHEET D-C4.2 AREA B (STA 77+39)

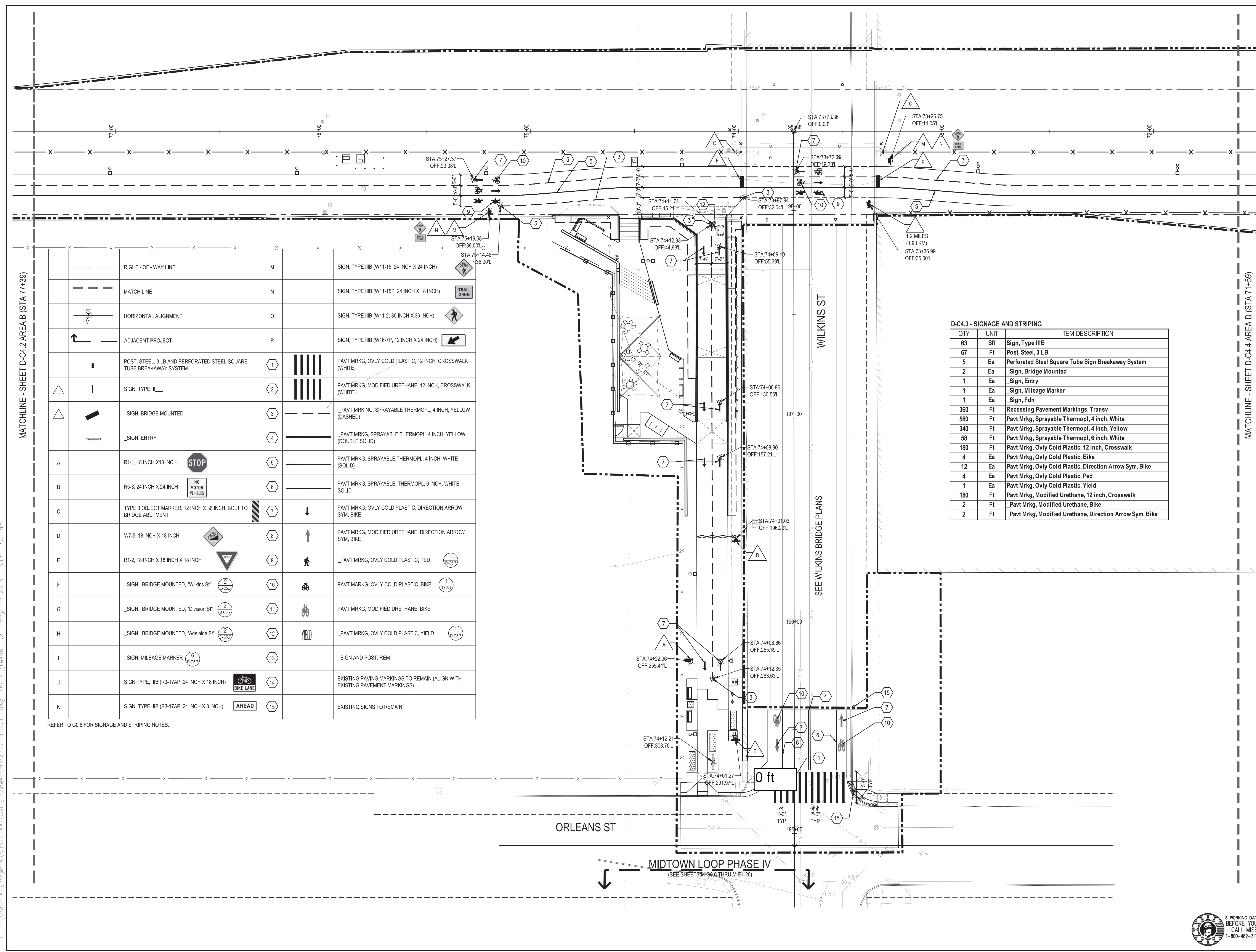
MATCHLINE - SHEET D-C4.4 AREA D (STA 71+59)

SYMBOL	DESCRIPTION	ITEM	ITEM DESCRIPTION
---	RIGHT - OF - WAY LINE	M	SIGN, TYPE IIIB (W11-15, 24 INCH X 24 INCH)
---	MATCH LINE	N	SIGN, TYPE IIIB (W11-15P, 24 INCH X 18 INCH)
---	HORIZONTAL ALIGNMENT	O	SIGN, TYPE IIIB (W11-2, 36 INCH X 36 INCH)
---	ADJACENT PROJECT	P	SIGN, TYPE IIIB (W16-7P, 12 INCH X 24 INCH)
■	POST, STEEL, 3 LB AND PERFORATED STEEL SQUARE TUBE BREAKAWAY SYSTEM	1	PAVT MRKG, OVLY COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)
△	SIGN, TYPE III	2	PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)
△	_SIGN, BRIDGE MOUNTED	3	_PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DASHED)
△	_SIGN, ENTRY	4	_PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DOUBLE SOLID)
A	R1-1, 18 INCH X18 INCH STOP	5	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, WHITE (SOLID)
B	R5-3, 24 INCH X 24 INCH NO MOTOR VEHICLES	6	PAVT MRKG, SPRAYABLE, THERMOPL, 6 INCH, WHITE, SOLID
C	TYPE 3 OBJECT MARKER, 12 INCH X 36 INCH, BOLT TO BRIDGE ABUTMENT	7	PAVT MRKG, OVLY COLD PLASTIC, DIRECTION ARROW SYM, BIKE
D	W7-5, 18 INCH X 18 INCH	8	PAVT MRKG, MODIFIED URETHANE, DIRECTION ARROW SYM, BIKE
E	R1-2, 18 INCH X 18 INCH X 18 INCH	9	_PAVT MRKG, OVLY COLD PLASTIC, PED
F	_SIGN, BRIDGE MOUNTED, "Wilkins St"	10	PAVT MRKG, OVLY COLD PLASTIC, BIKE
G	_SIGN, BRIDGE MOUNTED, "Division St"	11	PAVT MRKG, MODIFIED URETHANE, BIKE
H	_SIGN, BRIDGE MOUNTED, "Adelaide St"	12	_PAVT MRKG, OVLY COLD PLASTIC, YIELD
I	_SIGN, MILEAGE MARKER	13	_SIGN AND POST, REM
J	SIGN TYPE, IIIB (R3-17AP, 24 INCH X 18 INCH) BIKE LANE	14	EXISTING PAVING MARKINGS TO REMAIN (ALIGN WITH EXISTING PAVEMENT MARKINGS)
K	SIGN, TYPE IIIB (R3-17AP, 24 INCH X 8 INCH) AHEAD	15	EXISTING SIGNS TO REMAIN

REFER TO G0.6 FOR SIGNAGE AND STRIPING NOTES.

D-C4.3 - SIGNAGE AND STRIPING

QTY	UNIT	ITEM DESCRIPTION
63	Sft	Sign, Type IIIB
67	Ft	Post, Steel, 3 LB
5	Ea	Perforated Steel Square Tube Sign Breakaway System
2	Ea	_Sign, Bridge Mounted
1	Ea	_Sign, Entry
1	Ea	_Sign, Mileage Marker
1	Ea	_Sign, Fdn
360	Ft	Recessing Pavement Markings, Transv
580	Ft	Pavt Mrkg, Sprayable Thermo, 4 inch, White
340	Ft	Pavt Mrkg, Sprayable Thermo, 4 inch, Yellow
58	Ft	Pavt Mrkg, Sprayable Thermo, 6 inch, White
180	Ft	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk
4	Ea	Pavt Mrkg, Ovly Cold Plastic, Bike
12	Ea	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike
4	Ea	Pavt Mrkg, Ovly Cold Plastic, Ped
1	Ea	Pavt Mrkg, Ovly Cold Plastic, Yield
180	Ft	Pavt Mrkg, Modified Urethane, 12 inch, Crosswalk
2	Ft	_Pavt Mrkg, Modified Urethane, Bike
2	Ft	_Pavt Mrkg, Modified Urethane, Direction Arrow Sym, Bike



FILE: \\p01-11et\Projects\50572.000\CAD\CAD\SHEET\50572-SRTP-SHT.dwg USER:jgreene DATE: May, 22, 2013 TIME: 11:01:00 am



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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

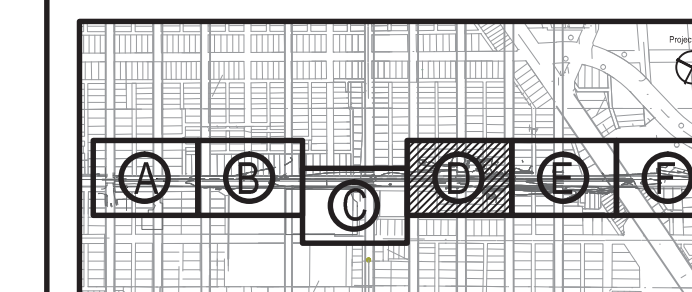
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

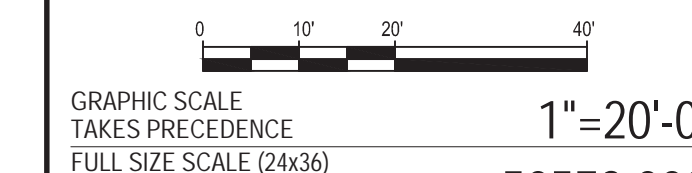
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

SIGNAGE AND STRIPING PLAN - AREA D

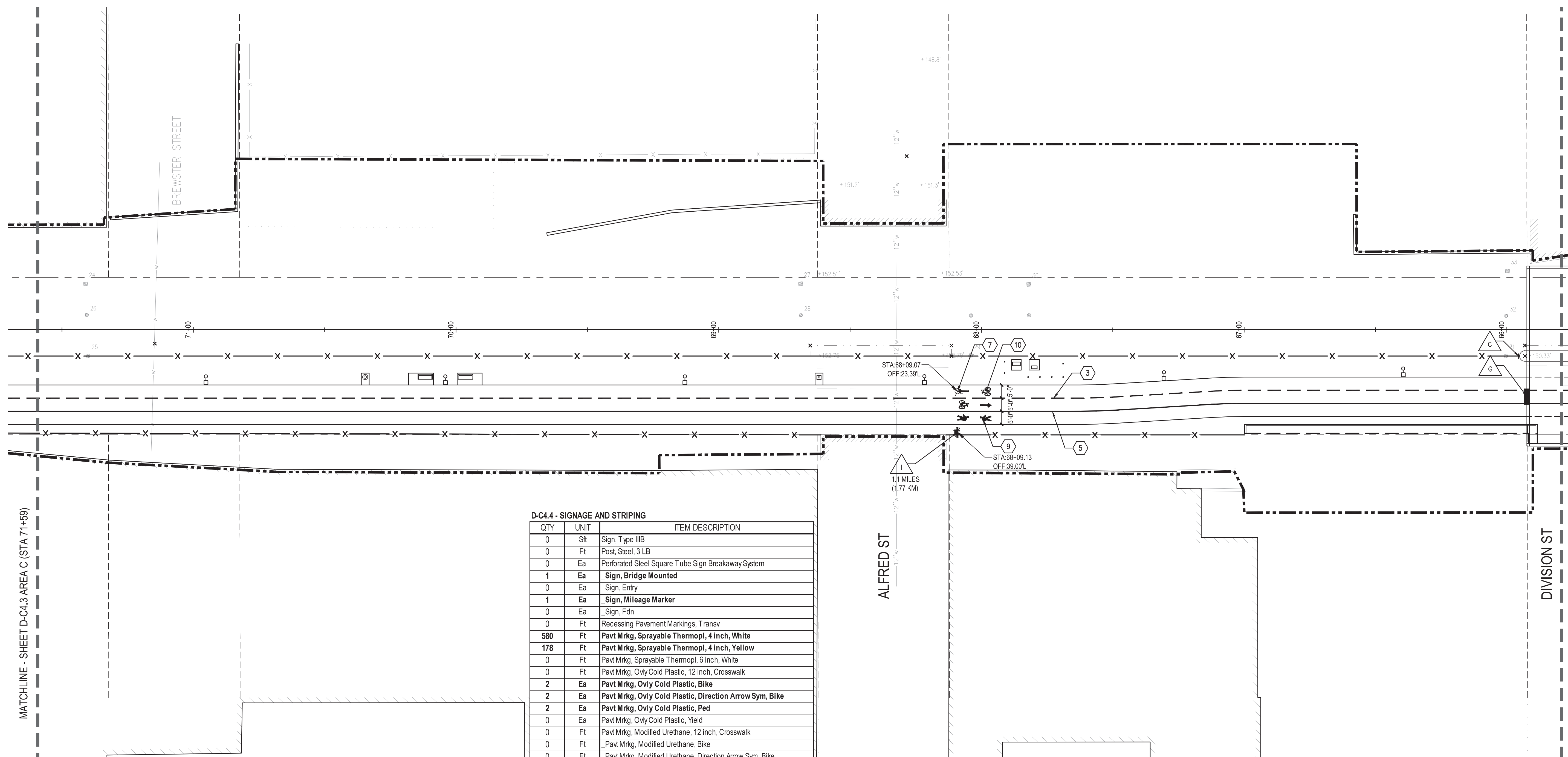


PROJECT NUMBER

D-C4.4

DRAWING NUMBER

47 of 497



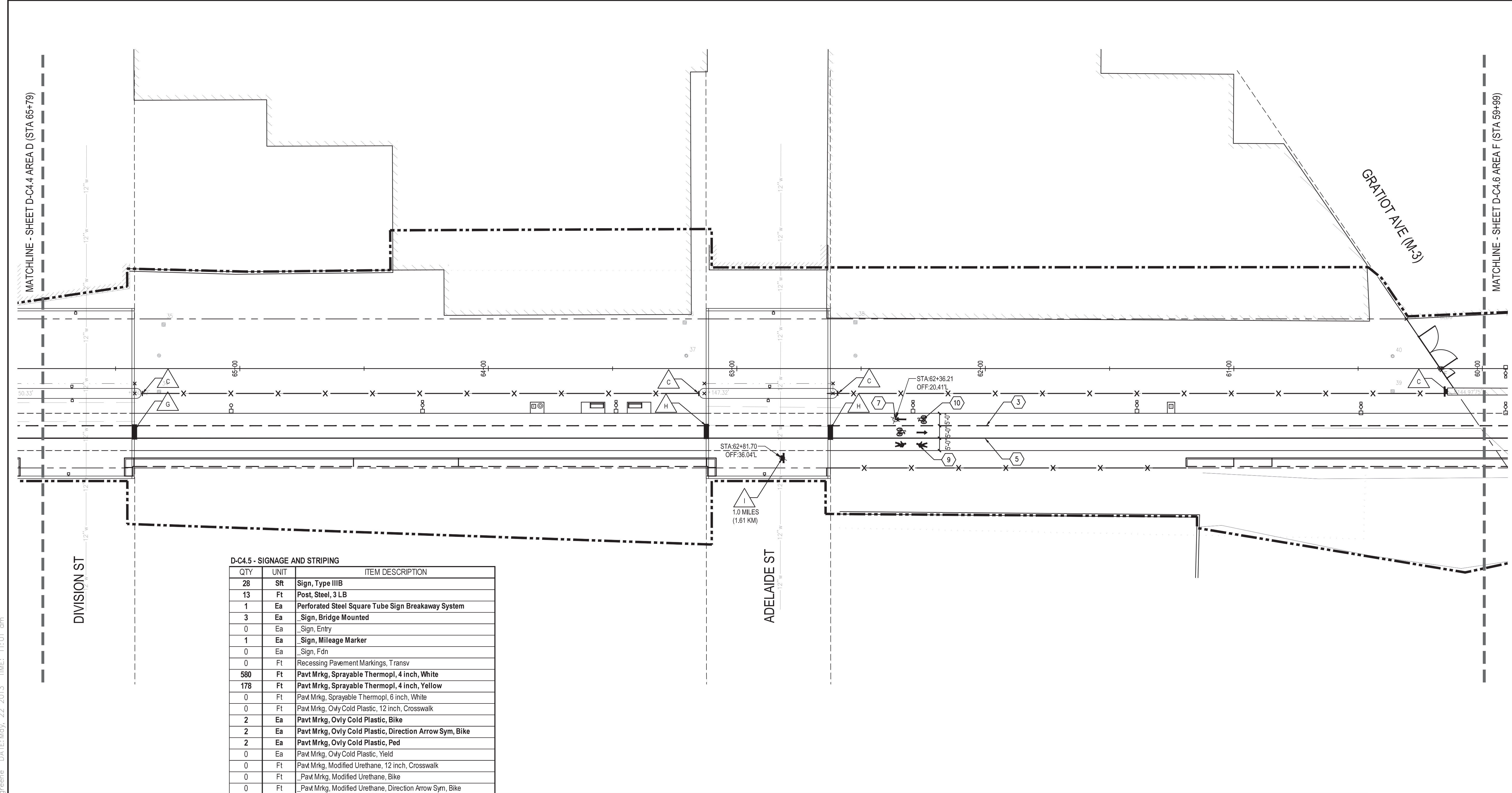
DEQUINDRE CUT GREENWAY - PHASE II

SIGNAGE AND STRIPING KEY NOTES AND LEGEND

Symbol	Description	Code	Item Description	Code	Item Description	Code	Item Description
--- ---	CONSTRUCTION LIMIT LINE						
---	RIGHT - OF - WAY LINE	A					
- - - -	MATCH LINE	B					
171+00	HORIZONTAL ALIGNMENT	C					
↖	ADJACENT PROJECT	D					
■	POST, STEEL, 3 LB AND PERFORATED STEEL SQUARE TUBE BREAKAWAY SYSTEM	E					
△	SIGN, TYPE III	F					
△	SIGN, BRIDGE MOUNTED	G					
---	SIGN, ENTRY	H					
STOP	R1-1, 18 INCH X 18 INCH	I					
NO MOTOR VEHICLES	R5-3, 24 INCH X 24 INCH	J					
12 INCH X 36 INCH BOLT TO BRIDGE ABUTMENT	TYPE 3 OBJECT MARKER, 12 INCH X 36 INCH, BOLT TO BRIDGE ABUTMENT	K					
W7-5, 18 INCH X 18 INCH	W7-5, 18 INCH X 18 INCH	L					
R1-2, 18 INCH X 18 INCH X 18 INCH	R1-2, 18 INCH X 18 INCH X 18 INCH	M					
SIGN, TYPE III	SIGN, TYPE III	N					
SIGN, BRIDGE MOUNTED, "Wilkins St"	SIGN, BRIDGE MOUNTED, "Wilkins St"	O					
SIGN, BRIDGE MOUNTED, "Division St"	SIGN, BRIDGE MOUNTED, "Division St"						
SIGN, BRIDGE MOUNTED, "Adelaide St"	SIGN, BRIDGE MOUNTED, "Adelaide St"	P					
SIGN, TYPE III B (W16-7P, 12 INCH X 24 INCH)	SIGN, TYPE III B (W16-7P, 12 INCH X 24 INCH)						
PAVT MRKG, OVLV COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)	PAVT MRKG, OVLV COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)						
PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)	PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)						
PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DASHED)	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DASHED)						
PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DOUBLE SOLID)	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DOUBLE SOLID)						
PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, WHITE (SOLID)	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, WHITE (SOLID)						
PAVT MRKG, SPRAYABLE, THERMOPL, 6 INCH, WHITE, SOLID	PAVT MRKG, SPRAYABLE, THERMOPL, 6 INCH, WHITE, SOLID						
PAVT MRKG, OVLV COLD PLASTIC, DIRECTION ARROW SYM, BIKE	PAVT MRKG, OVLV COLD PLASTIC, DIRECTION ARROW SYM, BIKE						
PAVT MRKG, MODIFIED URETHANE, DIRECTION ARROW SYM, BIKE	PAVT MRKG, MODIFIED URETHANE, DIRECTION ARROW SYM, BIKE						

REFER TO G0.6 FOR SIGNAGE AND STRIPING NOTES.





D-C4.5 - SIGNAGE AND STRIPING		
QTY	UNIT	ITEM DESCRIPTION
28	Sft	Sign, Type III B
13	Ft	Post, Steel, 3 LB
1	Ea	Perforated Steel Square Tube Sign Breakaway System
3	Ea	Sign, Bridge Mounted
0	Ea	Sign, Entry
1	Ea	Sign, Mileage Marker
0	Ea	Sign, Fdn
0	Ft	Recessing Pavement Markings, Transv
580	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
178	Ft	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow
0	Ft	Pavt Mrkg, Sprayable Thermopl, 6 inch, White
0	Ft	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk
2	Ea	Pavt Mrkg, Ovly Cold Plastic, Bike
2	Ea	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike
2	Ea	Pavt Mrkg, Ovly Cold Plastic, Ped
0	Ea	Pavt Mrkg, Ovly Cold Plastic, Yield
0	Ft	Pavt Mrkg, Modified Urethane, 12 inch, Crosswalk
0	Ft	Pavt Mrkg, Modified Urethane, Bike
0	Ft	Pavt Mrkg, Modified Urethane, Direction Arrow Sym, Bike

Dequindre Cut Phase II
 Dequindre Cut
 Detroit, Michigan

Owners:

SMITHGROUP JJR

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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

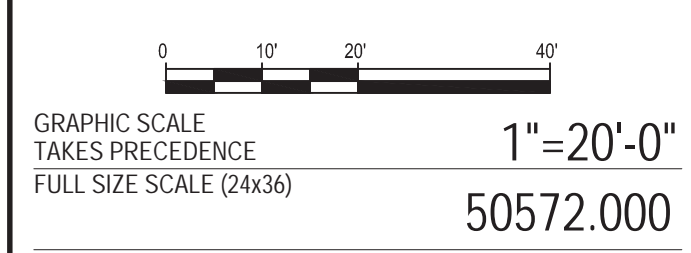
SEALS AND SIGNATURES



DEQUINDRE CUT GREENWAY - PHASE II							
SIGNAGE AND STRIPING KEY NOTES AND LEGEND							
	CONSTRUCTION LIMIT LINE		_SIGN, ENTRY	H		_SIGN, BRIDGE MOUNTED, "Adelaide St" (2)	P
	RIGHT - OF - WAY LINE	A	R1-1, 18 INCH X 18 INCH	I		_SIGN, MILEAGE MARKER (6)	1
	MATCH LINE	B	R5-3, 24 INCH X 24 INCH	J		SIGN, TYPE III B (R3-17AP, 24 INCH X 18 INCH)	2
	HORIZONTAL ALIGNMENT	C	TYPE 3 OBJECT MARKER, 12 INCH X 36 INCH, BOLT TO BRIDGE ABUTMENT	K		SIGN, TYPE III B (R3-17AP, 24 INCH X 8 INCH)	3
	ADJACENT PROJECT	D	W7-5, 18 INCH X 18 INCH	L		SIGN, TYPE III B (R3-17AP, 24 INCH X 8 INCH)	4
	POST, STEEL, 3 LB AND PERFORATED STEEL SQUARE TUBE BREAKAWAY SYSTEM	E	R1-2, 18 INCH X 18 INCH X 18 INCH	M		SIGN, TYPE III B (W11-15, 24 INCH X 24 INCH)	5
	_SIGN, TYPE III	F	_SIGN, BRIDGE MOUNTED, "Wilkins St" (2)	N		SIGN, TYPE III B (W11-15P, 24 INCH X 18 INCH)	6
	_SIGN, BRIDGE MOUNTED	G	_SIGN, BRIDGE MOUNTED, "Division St" (2)	O		SIGN, TYPE III B (W11-2, 36 INCH X 36 INCH)	7
						SIGN, TYPE III B (W16-7P, 12 INCH X 24 INCH)	8
						PAVT MRKG, OVLV COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)	9
						PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)	10
						_PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DASHED)	11
						PAVT MRKG, OVLV COLD PLASTIC, PED	1
						PAVT MRKG, OVLV COLD PLASTIC, BIKE	2
						PAVT MRKG, MODIFIED URETHANE, BIKE	3
						_PAVT MRKG, OVLV COLD PLASTIC, YIELD	12
						PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, WHITE (SOLID)	13
						PAVT MRKG, SPRAYABLE, THERMOPL, 6 INCH, WHITE, SOLID	14
						_SIGN AND POST, REM	15
						PAVT MRKG, OVLV COLD PLASTIC, DIRECTION ARROW SYM, BIKE	1
						EXISTING PAVING MARKINGS TO REMAIN (ALIGN WITH EXISTING PAVEMENT MARKINGS)	
						EXISTING SIGNS TO REMAIN	

REFER TO 60.6 FOR SIGNAGE AND STRIPING NOTES.

DRAWING TITLE
SIGNAGE AND STRIPING PLAN - AREA E

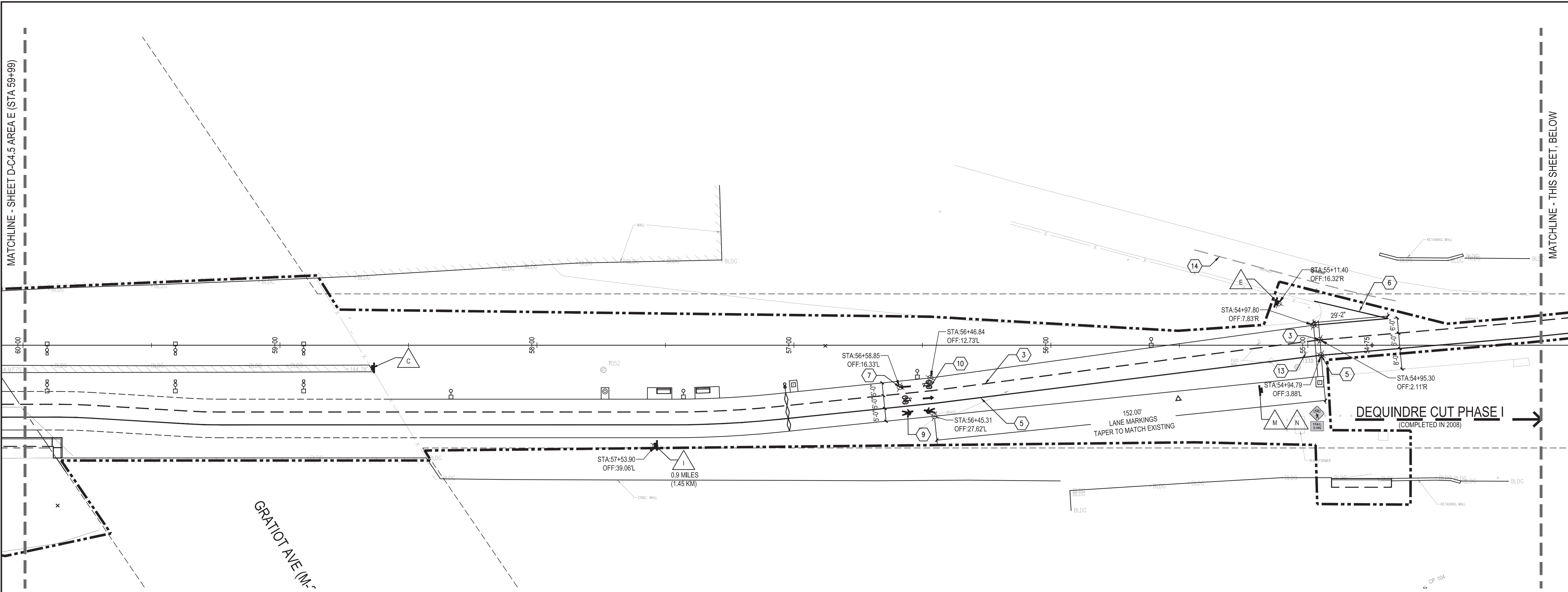


PROJECT NUMBER
D-C4.5

DRAWING NUMBER
 48 of 497



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D-C4.6 - SIGNAGE AND STRIPING

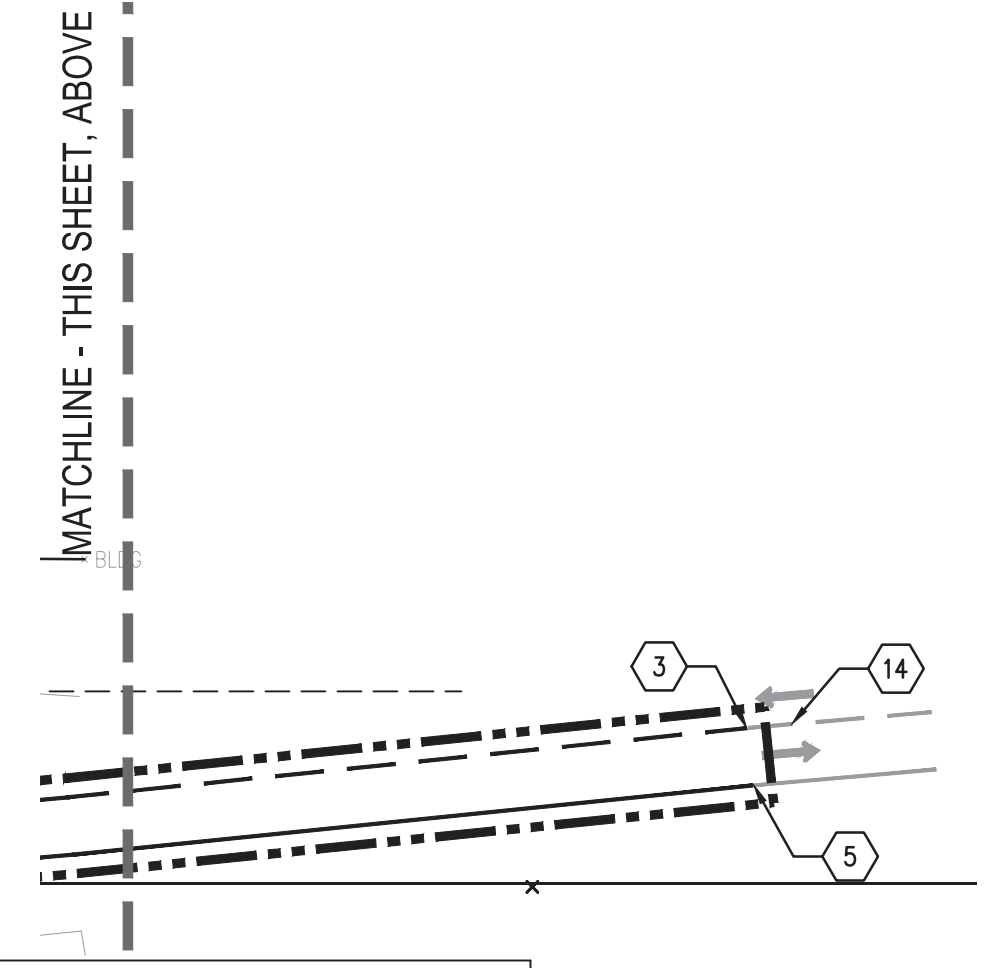
QTY	UNIT	ITEM DESCRIPTION
28	Cyd	Sign, Type III B
40	Sft	Post, Steel, 3 LB
3	Ea	Perforated Steel Square Tube Sign Breakaway System
0	0	Sign, Bridge Mounted
0	0	Sign, Entry
1	Ea	Sign, Mileage Marker
0	Ea	Sign, Fdn
0	Sft	Recessing Pavement Markings, Transv
650	Sft	Pavt Mrkg, Sprayable Thermopl, 4 inch, White
202	Ea	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow
0	Ea	Pavt Mrkg, Sprayable Thermopl, 6 inch, White
0	Ea	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk
2	Ft	Pavt Mrkg, Ovly Cold Plastic, Bike
2	Ft	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike
2	Ft	Pavt Mrkg, Ovly Cold Plastic, Ped
0	Ea	Pavt Mrkg, Ovly Cold Plastic, Yield
0	Ea	Pavt Mrkg, Modified Urethane, 12 inch, Crosswalk
0	Ea	Pavt Mrkg, Modified Urethane, Bike
0	Ea	Pavt Mrkg, Modified Urethane, Direction Arrow Sym, Bike

DEQUINDRE CUT GREENWAY - PHASE II

SIGNAGE AND STRIPING KEY NOTES AND LEGEND

Symbol	Description	Code	Item Description	Code	Item Description	Code	Item Description	Code	Item Description
--- ---	CONSTRUCTION LIMIT LINE		_SIGN, ENTRY	H	_SIGN, BRIDGE MOUNTED, "Adelaide St" (2) (P-C57)	P	SIGN, TYPE III B (W16-7P, 12 INCH X 24 INCH)	8	PAVT MRKG, MODIFIED URETHANE, DIRECTION ARROW SYM, BIKE
----	RIGHT - OF - WAY LINE	A	R1-1, 18 INCH X 18 INCH	I	_SIGN, MILEAGE MARKER (6) (P-C57)	1	PAVT MRKG, OVLY COLD PLASTIC, 12 INCH, CROSSWALK (WHITE)	9	_PAVT MRKG, OVLY COLD PLASTIC, PED (1) (P-C57)
---	MATCH LINE	B	R5-3, 24 INCH X 24 INCH	J	SIGN TYPE, IIB (R3-17AP, 24 INCH X 18 INCH)	2	PAVT MRKG, MODIFIED URETHANE, 12 INCH, CROSSWALK (WHITE)	10	PAVT MRKG, OVLY COLD PLASTIC, BIKE (1) (P-C57)
— —	HORIZONTAL ALIGNMENT	C	TYPE 3 OBJECT MARKER, 12 INCH X 36 INCH, BOLT TO BRIDGE ABUTMENT	K	SIGN, TYPE IIB (R3-17AP, 24 INCH X 8 INCH)	3	_PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DASHED)	11	PAVT MRKG, MODIFIED URETHANE, BIKE
↪	ADJACENT PROJECT	D	W7-5, 18 INCH X 18 INCH	L	SIGN, TYPE IIB (R3-17AP, 24 INCH X 8 INCH)	4	_PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, YELLOW (DOUBLE SOLID)	12	_PAVT MRKG, OVLY COLD PLASTIC, YIELD
■	POST, STEEL, 3 LB AND PERFORATED STEEL SQUARE TUBE BREAKAWAY SYSTEM	E	R1-2, 18 INCH X 18 INCH X 18 INCH	M	SIGN, TYPE IIB (W11-15, 24 INCH X 24 INCH)	5	PAVT MRKG, SPRAYABLE THERMOPL, 4 INCH, WHITE (SOLID)	13	_SIGN AND POST, REM
△	SIGN, TYPE III	F	_SIGN, BRIDGE MOUNTED, "Wilkins St" (2) (P-C57)	N	SIGN, TYPE IIB (W11-15P, 24 INCH X 18 INCH)	6	PAVT MRKG, SPRAYABLE, THERMOPL, 6 INCH, WHITE, SOLID	14	EXISTING PAVING MARKINGS TO REMAIN (ALIGN WITH EXISTING PAVEMENT MARKINGS)
△	_SIGN, BRIDGE MOUNTED	G	_SIGN, BRIDGE MOUNTED, "Division St" (2) (P-C57)	O	SIGN, TYPE IIB (W11-2, 36 INCH X 36 INCH)	7	PAVT MRKG, OVLY COLD PLASTIC, DIRECTION ARROW SYM, BIKE (1) (P-C57)	15	EXISTING SIGNS TO REMAIN

REFER TO G0.6 FOR SIGNAGE AND STRIPING NOTES.



Dequindre Cut Phase II
 Dequindre Cut
 Detroit, Michigan

MDOT
 Michigan Department of Transportation

Owners:

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EDC
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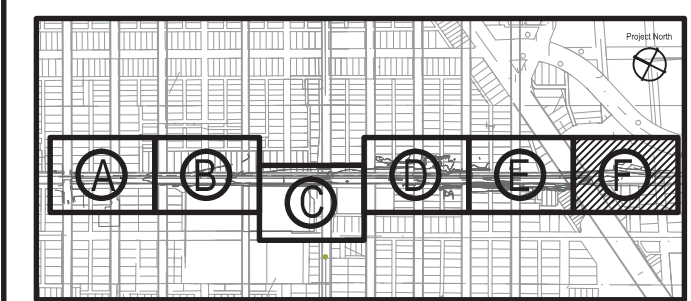
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50% CONSTRUCTION DOCUMENTS	0	NOV 05 2012

SEALS AND SIGNATURES

KEY PLAN

Project North



DRAWING TITLE
SIGNAGE AND STRIPING PLAN - AREA F

GRAPHIC SCALE
 1" = 20'-0"
 FULL SIZE SCALE (24x36)
 50572.000

PROJECT NUMBER
D-C4.6

DRAWING NUMBER
 49 of 497

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FILE: \\oo-file\Projects\50572.000\CAD\Sheet\50572-SRTP-SHT.dwg USER: jgreene DATE: May, 22, 2013 TIME: 11:02 am

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



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Economic Development
Corporation of the City of Detroit

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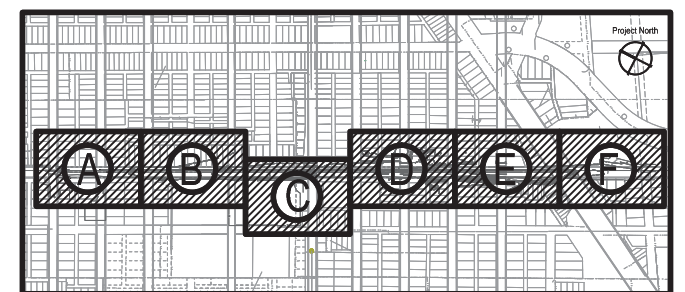
ISSUED FOR	REV	DATE
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SEALS AND SIGNATURES

KEY PLAN



Project North

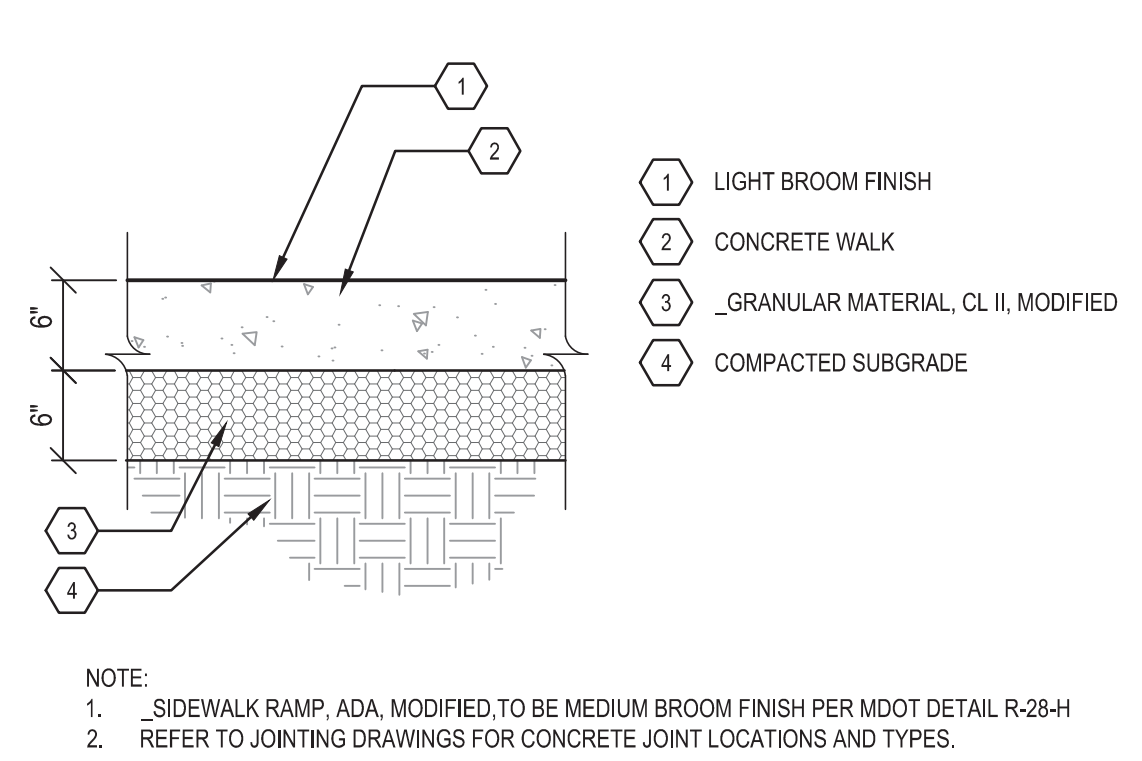


DRAWING TITLE
PAVEMENT DETAILS

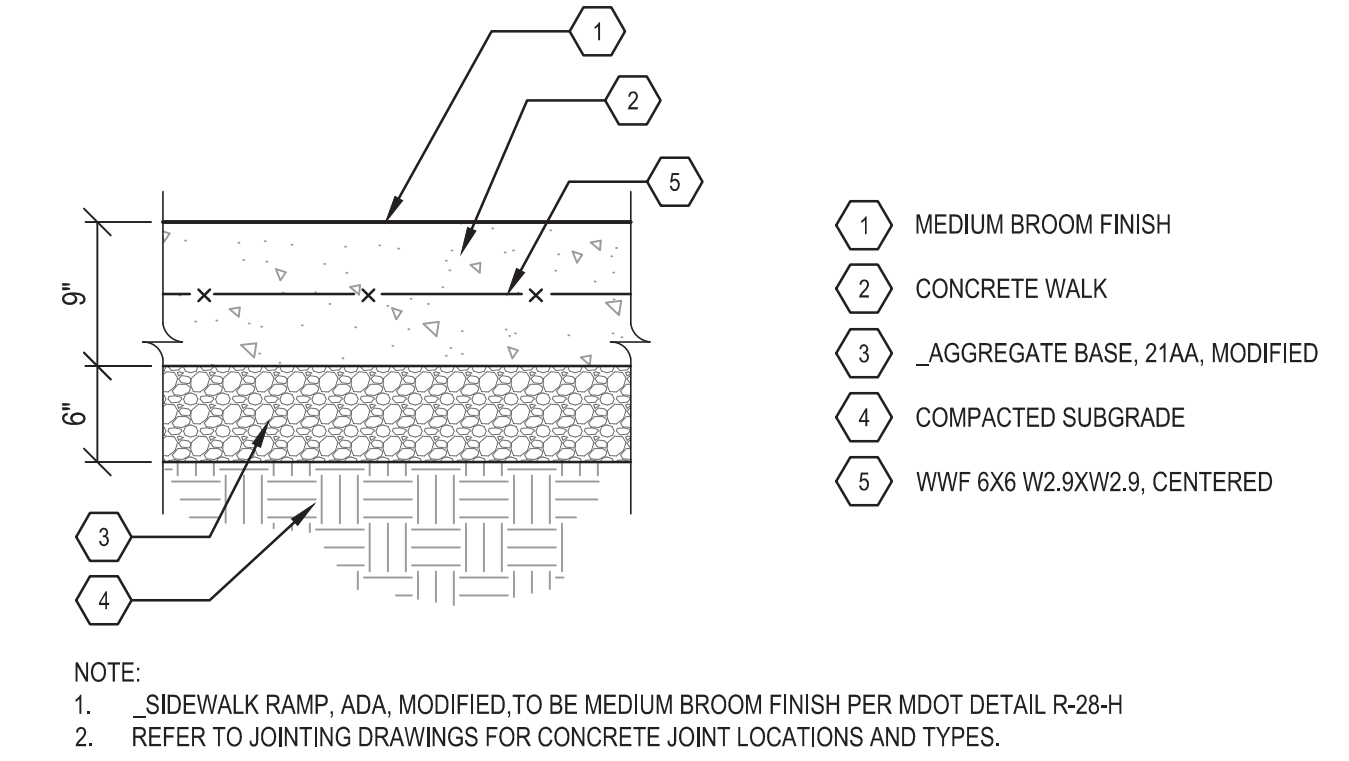
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
AS NOTED
50572.000

PROJECT NUMBER
D-C5.0

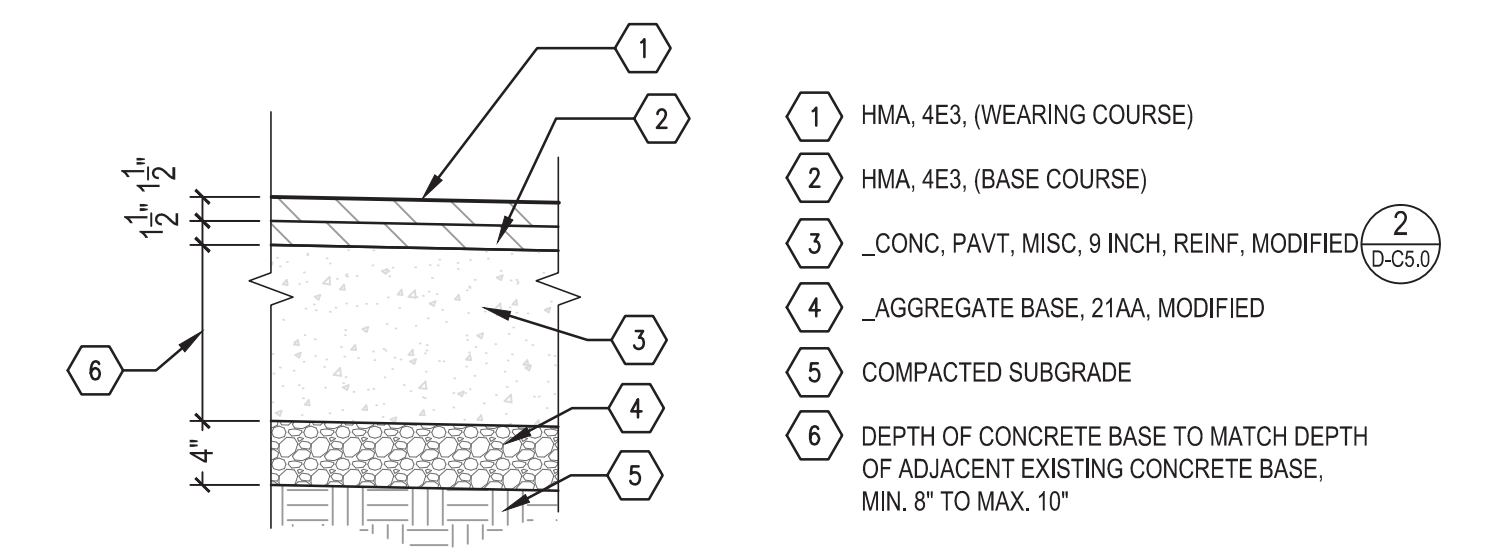
DRAWING NUMBER
50 of 497



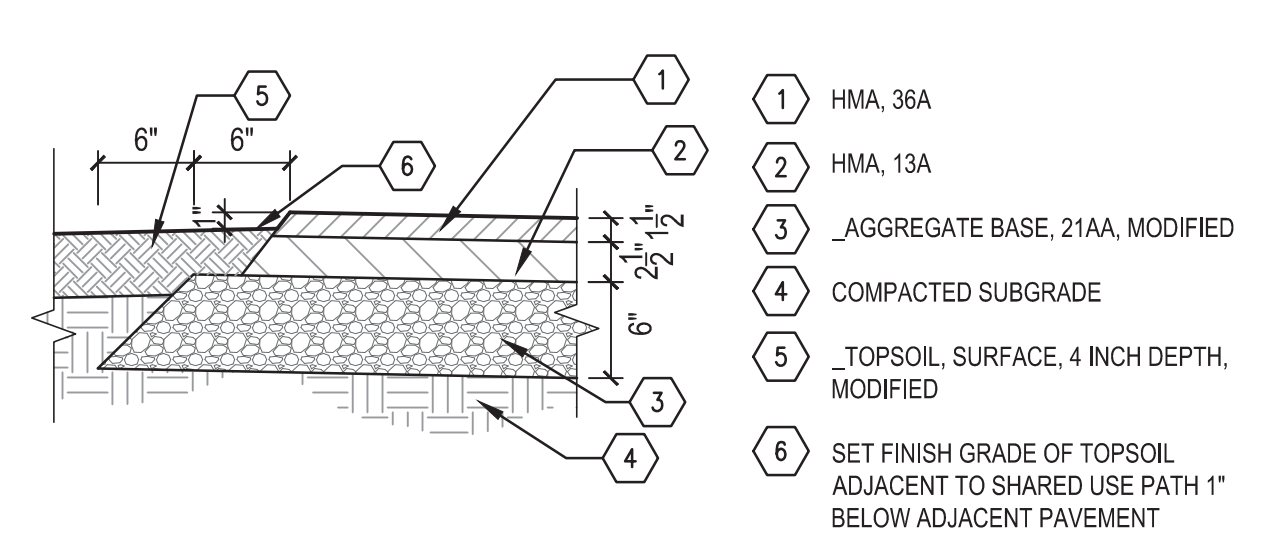
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SECTION 1" = 1'-0"



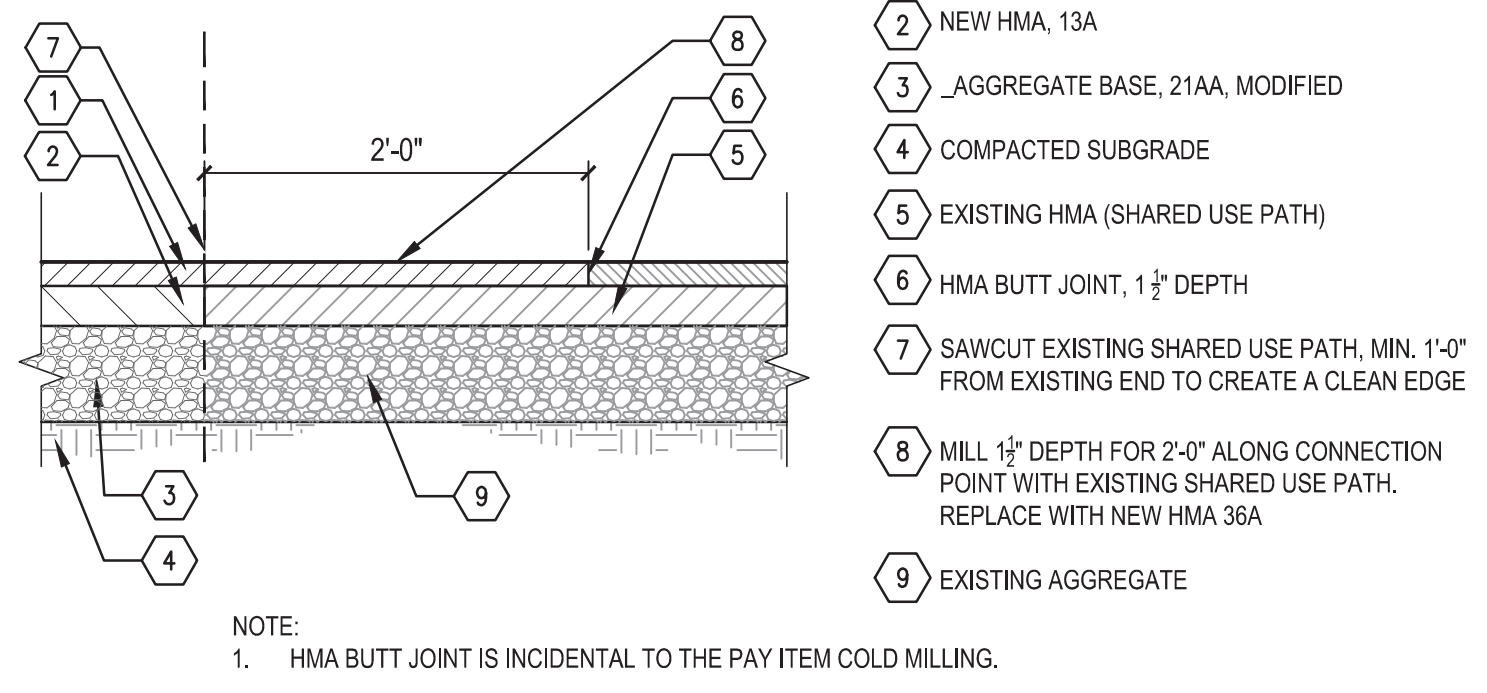
2 CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED
SECTION 1" = 1'-0"



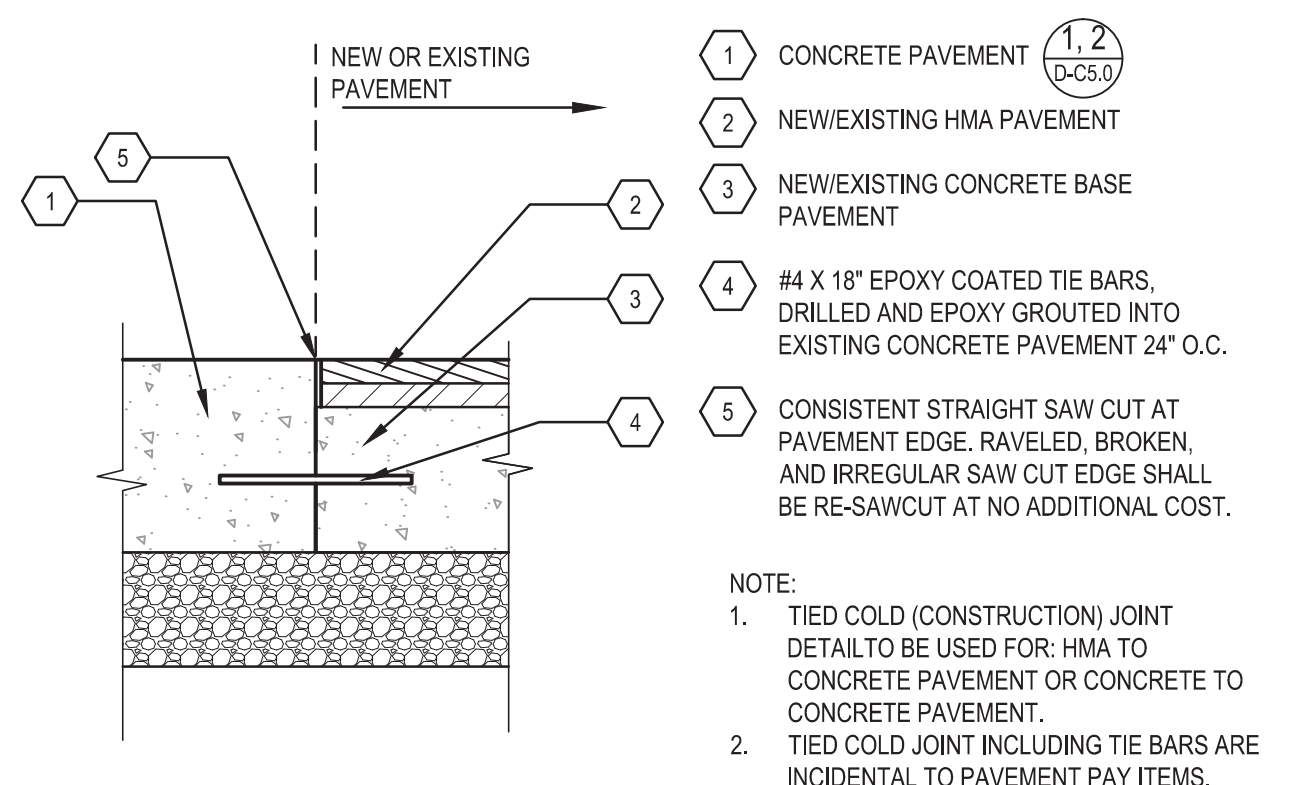
3 HAND PATCHING, AND, HMA, 4E3
SECTION 1" = 1'-0"



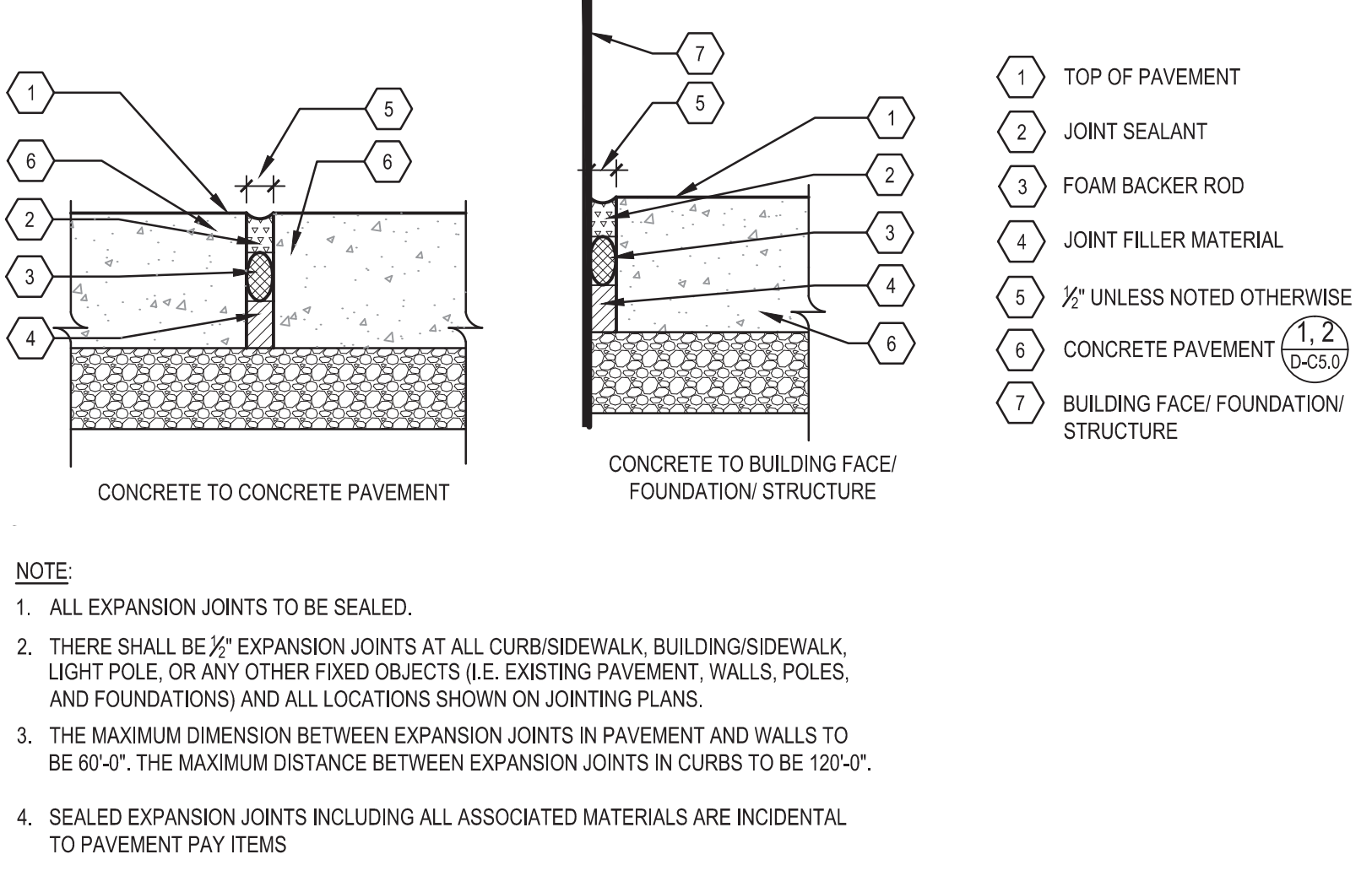
4 SHARED USE PATH, HMA
SECTION 1" = 1'-0"



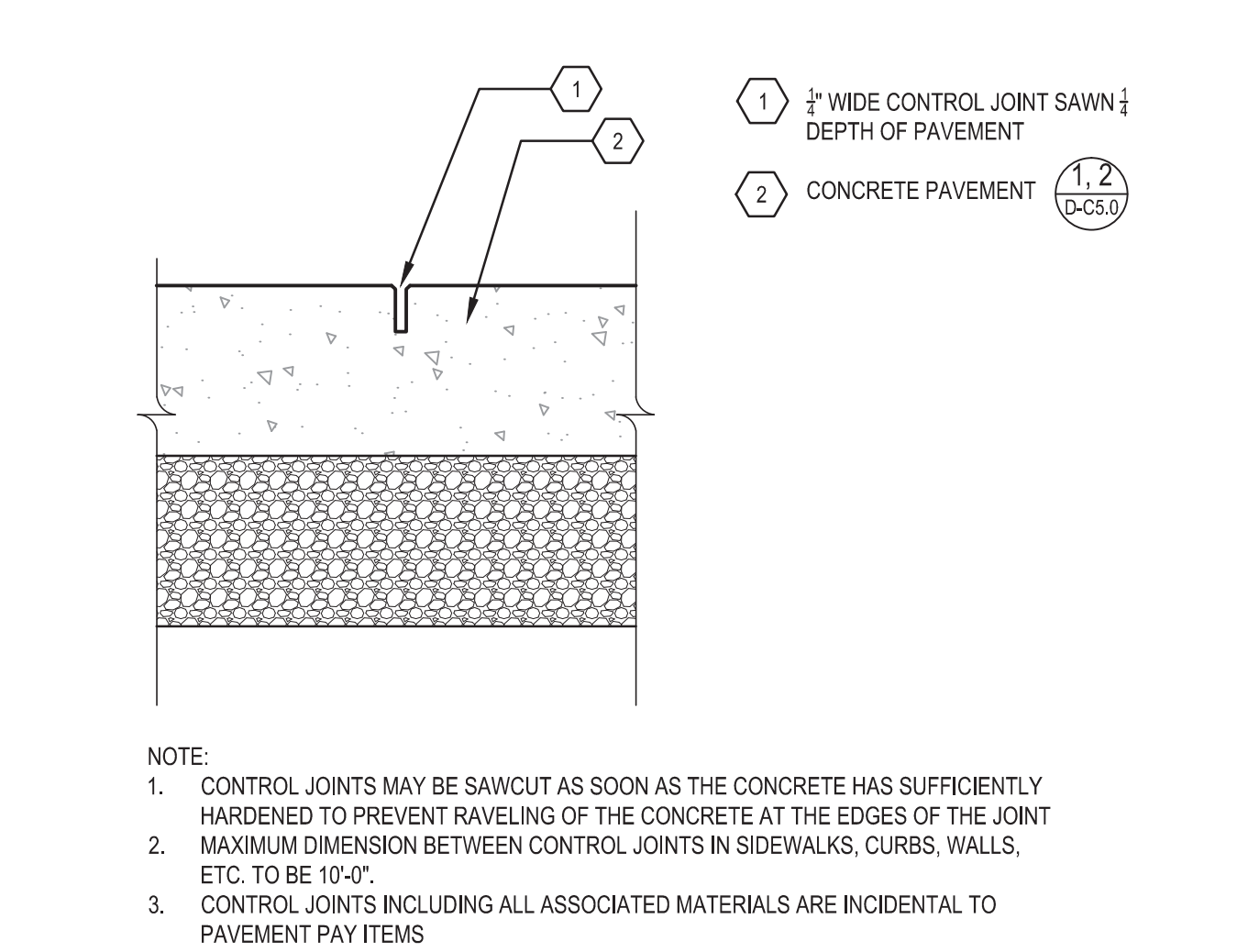
5 TRAIL CONNECTION HMA BUTT JOINT
SECTION 1" = 1'-0"



6 TIED COLD (CONSTRUCTION) JOINT
SECTION NTS



7 SEALED EXPANSION JOINT
SECTION NTS



8 CONTROL JOINT
SECTION NTS

FILE: \\c00-filer1\Projects\50572.000\CAD\Sheet\50572-PAVE-DET1-SHT.dwg USER: jgreene DATE: May, 22, 2013 TIME: 11:03 am

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

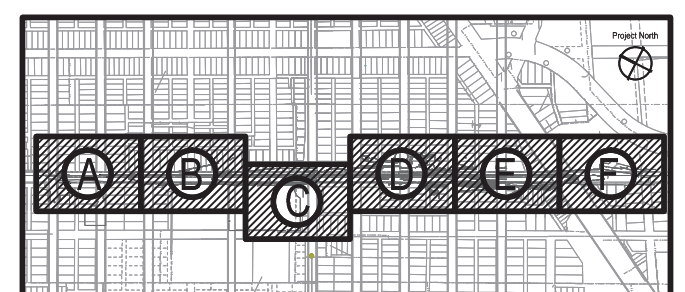
ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



Project North



DRAWING TITLE

CURB DETAILS

GRAPHIC SCALE AS NOTED
TAKES PRECEDENCE
FULL SIZE SCALE (24x36) 50572.000

PROJECT NUMBER

D-C5.1

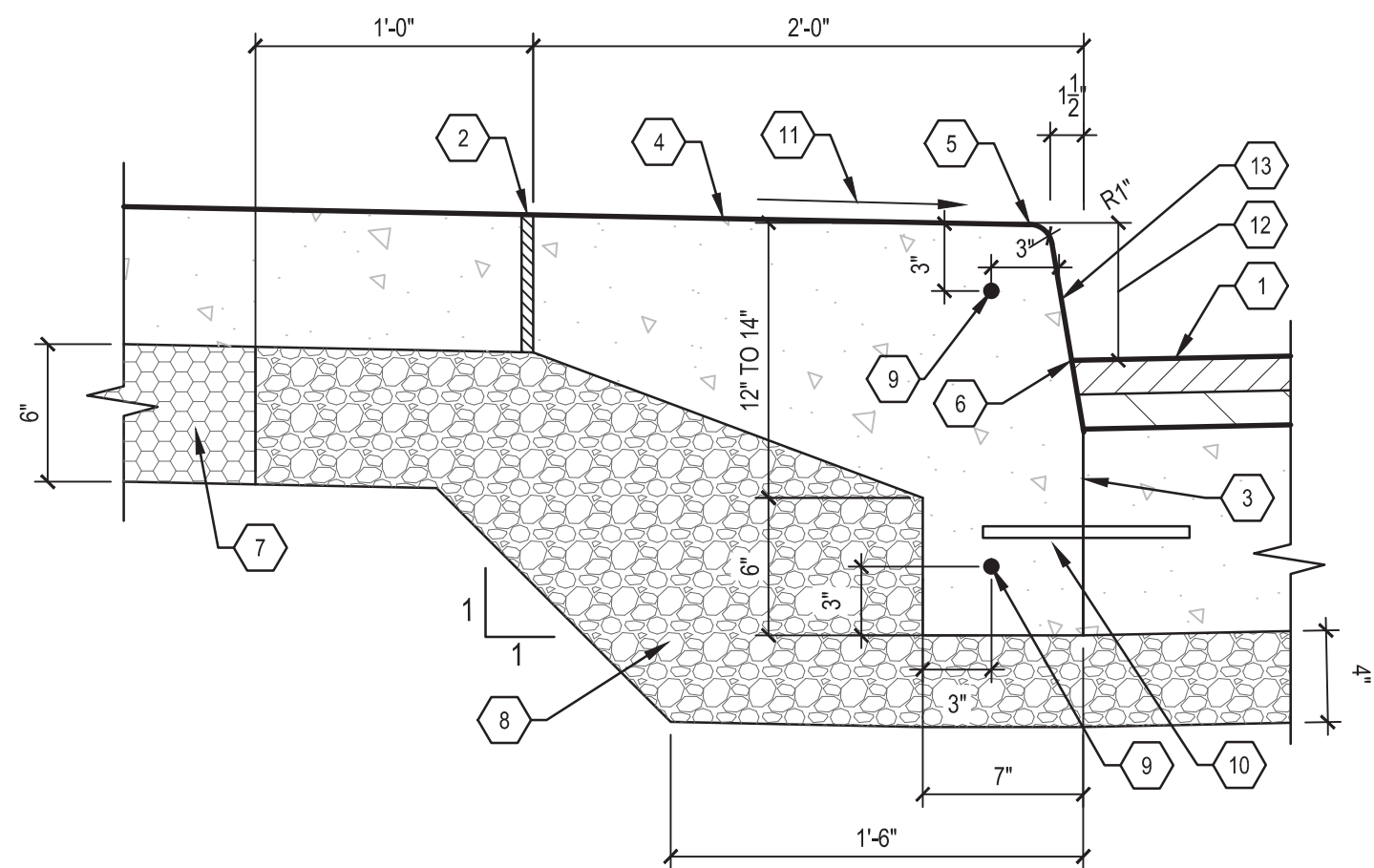
DRAWING NUMBER

51 of 497

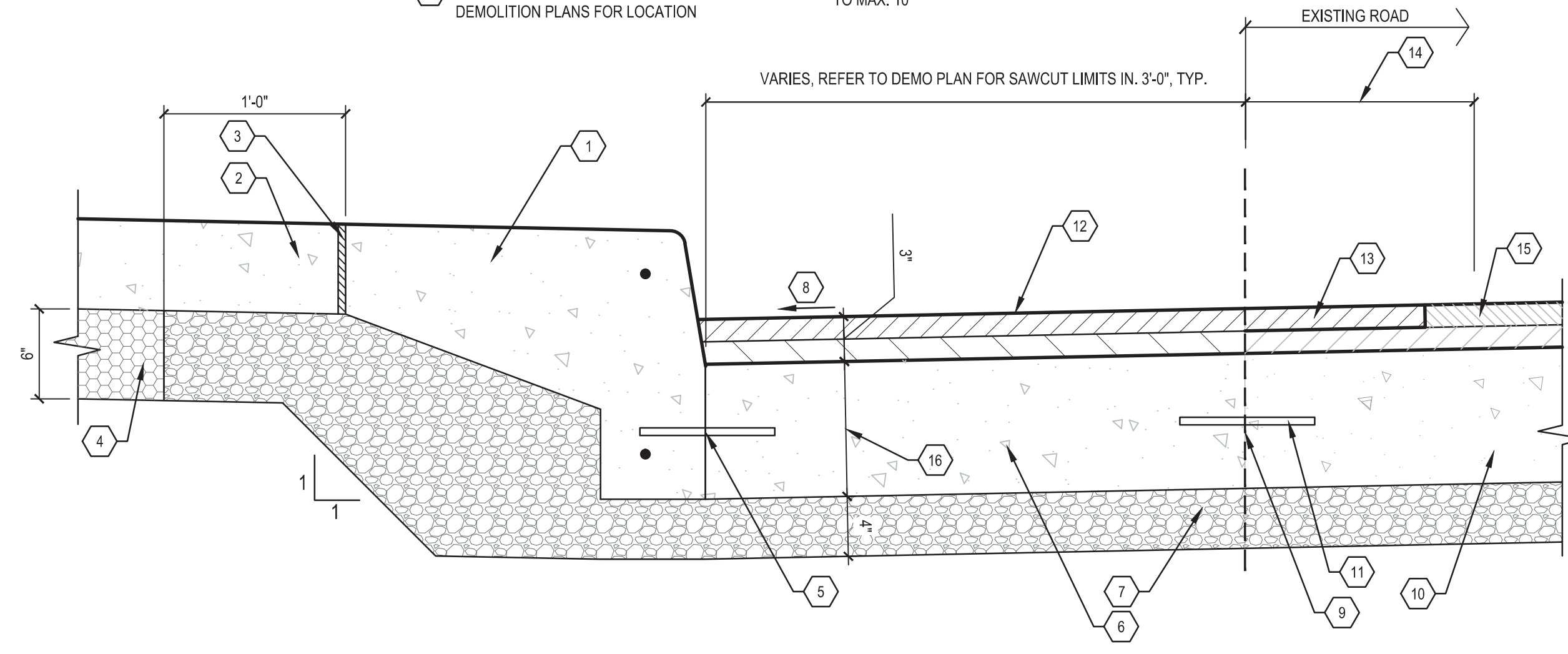


- 1 INTERGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED
- 2 SIDEWALK, CONC, 6 INCH, MODIFIED
- 3 SEALED EXPANSION JOINT
- 4 BASE MATERIAL PER PAVEMENT TYPE
- 5 TIED COLD (CONSTRUCTION) JOINT
- 6 CONC. BASE PAVT, 9 INCH, MODIFIED
- 7 AGGREGATE BASE 21AA, MODIFIED
- 8 SLOPE TO MATCH ADJACENT PAVEMENT AS SHOWN ON GRADING PLANS MIN. SLOPE AT GUTTER 1%
- 9 SAWCUT, FULL DEPTH, REFER TO DEMOLITION PLANS FOR LOCATION
- 10 EXISTING CONCRETE PAVEMENT
- 11 #4 X 18" EPOXY COATED TIE BARS, DRILLED AND EPOXY GROUTED INTO EXISTING CONCRETE PAVEMENT 24" O.C.
- 12 HMA 4E3 OR HANDPATCHING (1 1/2" 4E3 WEARING SURFACE ON 1 1/2" 4E3 BINDER COURSE.)
- 13 MILL EXISTING BITUMINOUS SURFACE & RESURFACE W/ 1 1/2" HMA, 4E3
- 14 HMA BUTT JOINT WIDTH TO BE 1'-0" UNLESS NOTED OTHERWISE ON PLANS
- 15 EXISTING HMA PAVEMENT
- 16 DEPTH OF CONCRETE TO MATCH DEPTH OF ADJACENT CONCRETE BASE, MIN. 8" TO MAX. 10"

- 1 ADJACENT PAVEMENT
- 2 SEALED EXPANSION JOINT
- 3 TIED COLD (CONSTRUCTION) JOINT
- 4 MEDIUM BROOM FINISH ON EXPOSED SURFACES PARALLEL WITH CURB
- 5 TOP OF CURB ELEVATION NOTED ON GRADING PLAN
- 6 GUTTER ELEVATION NOTED ON GRADING PLANS
- 7 BASE MATERIAL PER PAVEMENT TYPE
- 8 AGGREGATE BASE 21AA, MODIFIED
- 9 #4 BAR, EPOXY COATED, CONTINUOUS
- 10 WHEN ADJACENT TO CONCRETE PAVEMENT OR CONCRETE BASE PROVIDE #4 X 9" EPOXY COATED TIE BARS, 24" O.C.
- 11 SLOPE TO MATCH CROSS SLOPE AT ADJACENT SIDEWALK IN AREA WITHOUT ADJACENT SIDEWALK SLOPE AT 1.5%.
- 12 CURB HEIGHT DEFINED ON GRADING PLANS
- 13 MEDIUM BROOM FINISH, EXPOSED SURFACES, PARALLEL WITH CURB

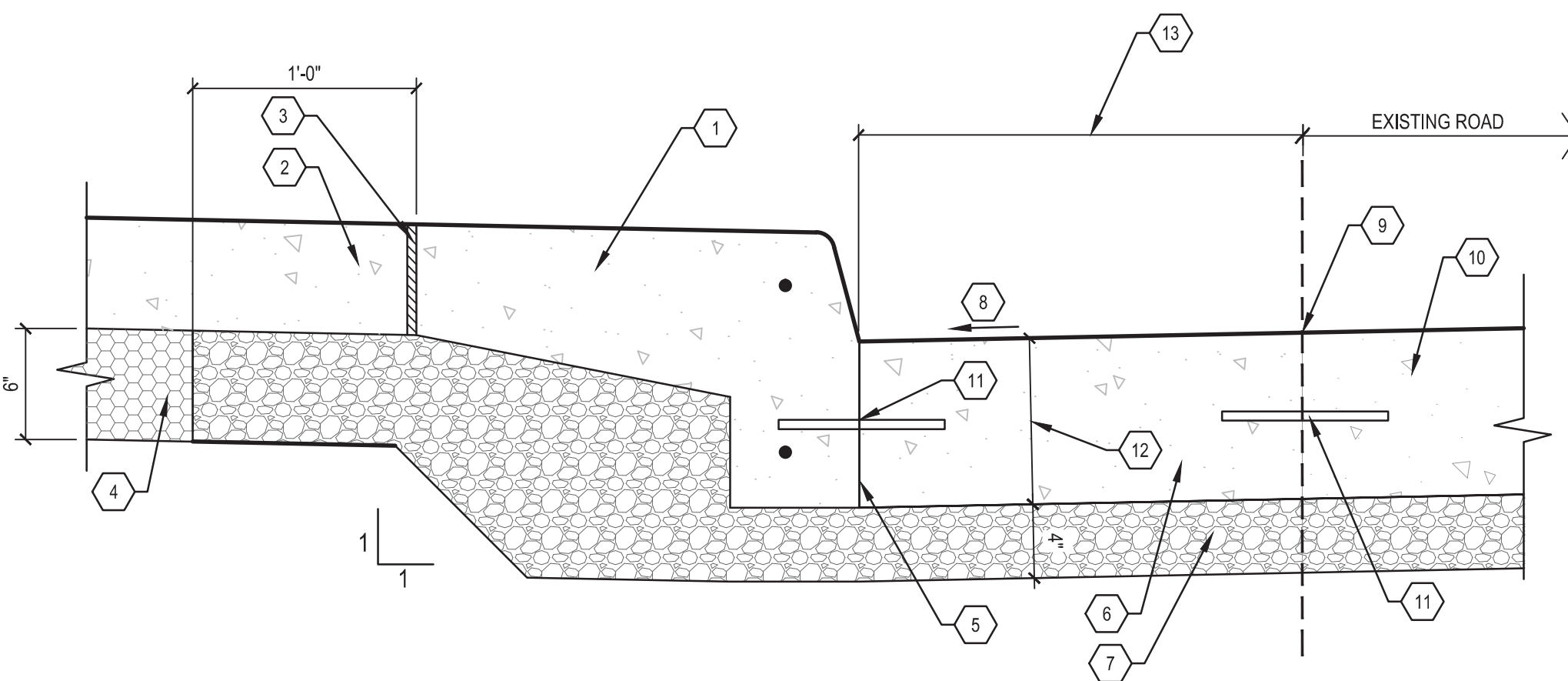


1 INTERGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED
SECTION 1-1/2" = 1'-0"

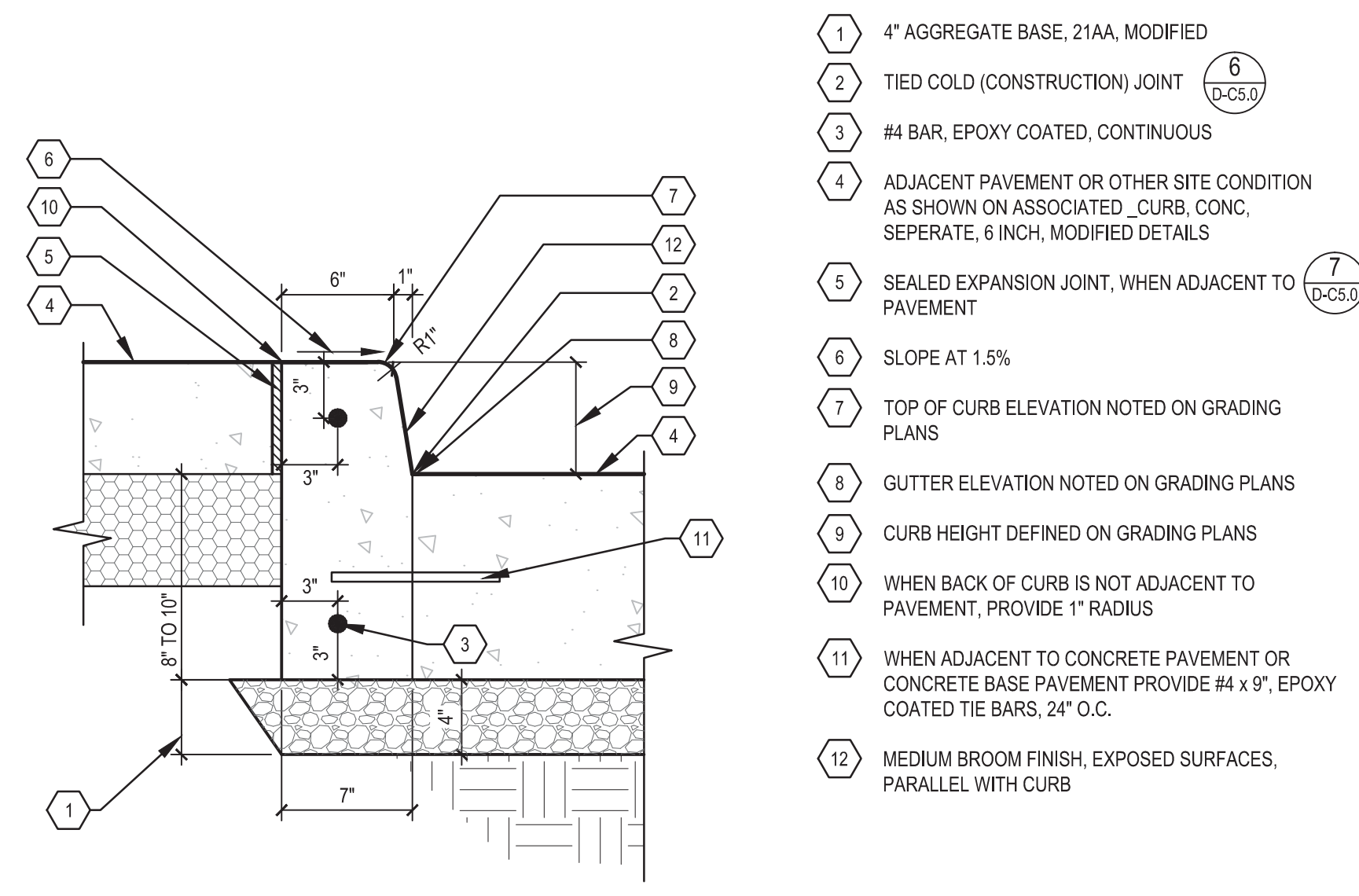


2 INTEGRAL CURB AND SIDEWALK, 2 FEET, MODIFIED - ADJACENT TO HMA
SECTION 1-1/2" = 1'-0"

- 1 INTERGRAL CURB AND SIDEWALK, 2 FOOT, MODIFIED
- 2 SIDEWALK, CONC, 6 INCH, MODIFIED
- 3 SEALED EXPANSION JOINT
- 4 BASE MATERIAL PER PAVEMENT TYPE
- 5 TIED COLD (CONSTRUCTION) JOINT
- 6 CONC. PAVT, MISC, 9 INCH, REINF, MODIFIED
- 7 AGGREGATE BASE 21AA, MODIFIED
- 8 SLOPE TO MATCH ADJACENT PAVEMENT AS SHOWN ON THE GRADING PLAN MIN SLOPE AT GUTTER 1%
- 9 SAWCUT, FULL DEPTH, REFER TO DEMOLITION PLANS FOR LOCATION
- 10 EXISTING CONCRETE PAVEMENT
- 11 #4 X 18" EPOXY COATED TIE BARS, DRILLED AND EPOXY GROUTED INTO EXISTING CONCRETE PAVEMENT 24" O.C.
- 12 DEPTH OF CONCRETE TO MATCH DEPTH OF ADJACENT CONCRETE BASE, MIN. 8" TO MAX. 10"
- 13 VARIES, REFER TO DEMO AND MATERIALS PLANS FOR WIDTH, 2'-0" MIN.



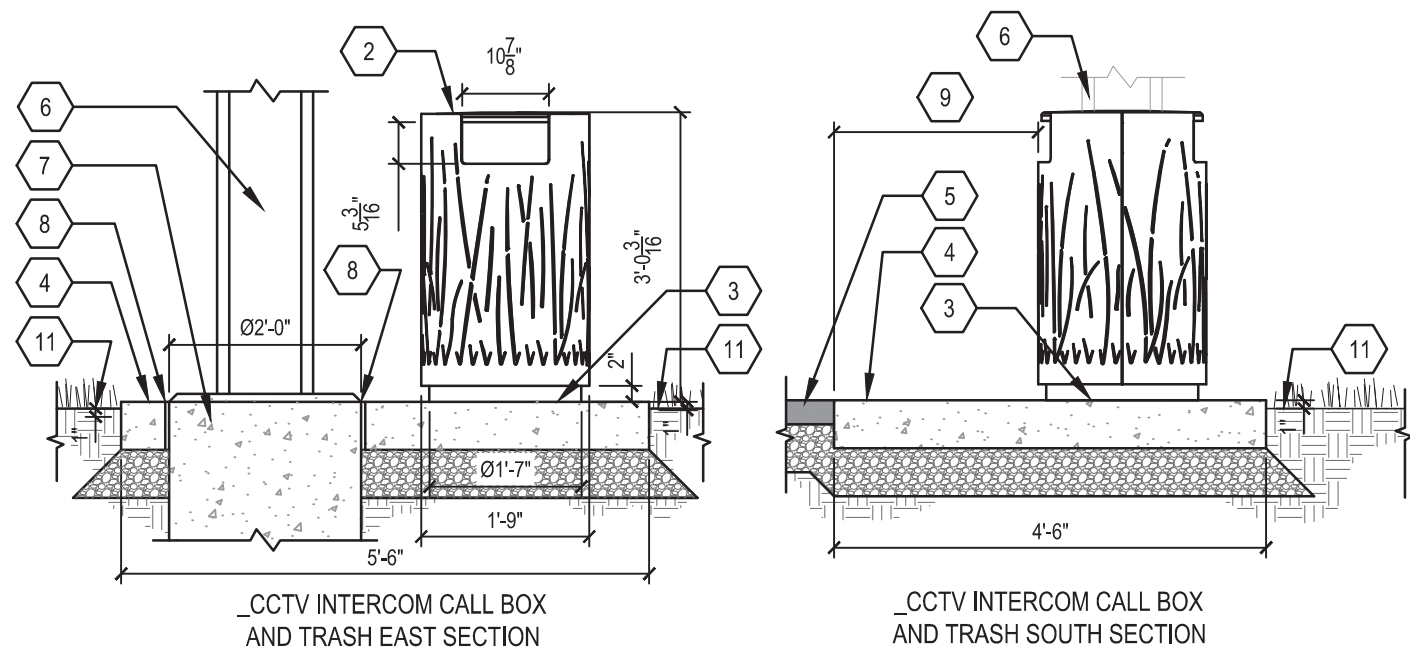
3 INTEGRAL CURB AND SIDEWALK, 2 FEET, MODIFIED - ADJACENT TO CONC
SECTION 1-1/2" = 1'-0"



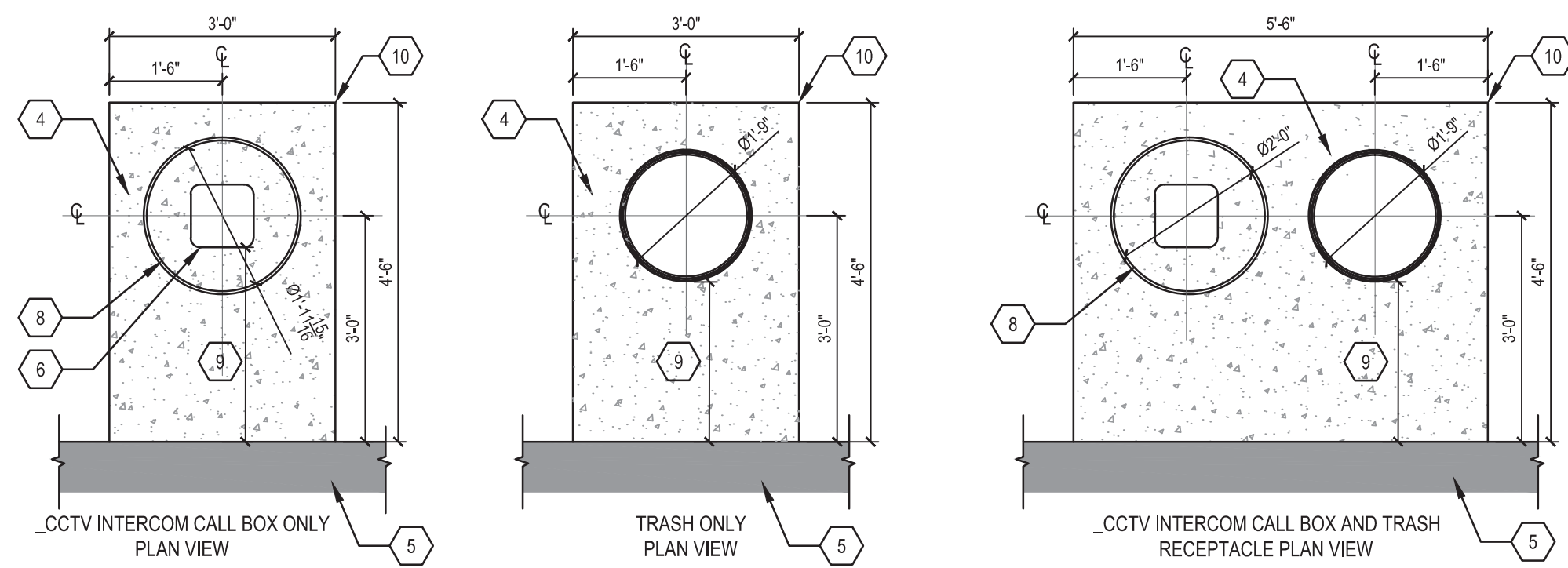
4 CURB, CONC, SEPERATE, 6 INCH, MODIFIED
SECTION 1-1/2" = 1'-0"

- 1 4" AGGREGATE BASE, 21AA, MODIFIED
- 2 TIED COLD (CONSTRUCTION) JOINT
- 3 #4 BAR, EPOXY COATED, CONTINUOUS
- 4 ADJACENT PAVEMENT OR OTHER SITE CONDITION AS SHOWN ON ASSOCIATED CURB, CONC, SEPERATE, 6 INCH, MODIFIED DETAILS
- 5 SEALED EXPANSION JOINT, WHEN ADJACENT TO PAVEMENT
- 6 SLOPE AT 1.5%
- 7 TOP OF CURB ELEVATION NOTED ON GRADING PLANS
- 8 GUTTER ELEVATION NOTED ON GRADING PLANS
- 9 CURB HEIGHT DEFINED ON GRADING PLANS
- 10 WHEN BACK OF CURB IS NOT ADJACENT TO PAVEMENT, PROVIDE 1" RADIUS
- 11 WHEN ADJACENT TO CONCRETE PAVEMENT OR CONCRETE BASE PAVEMENT PROVIDE #4 X 9", EPOXY COATED TIE BARS, 24" O.C.
- 12 MEDIUM BROOM FINISH, EXPOSED SURFACES, PARALLEL WITH CURB

NOTE:
 1. TRASH RECEPTACLE TO BE LAKESIDE SERIES, SIDE OPENING, GRASS PATTERN, COLOR TO BE SILVER.
 2. REFER TO ELECTRICAL PLANS FOR PHONE AND FOUNDATION DETAILS

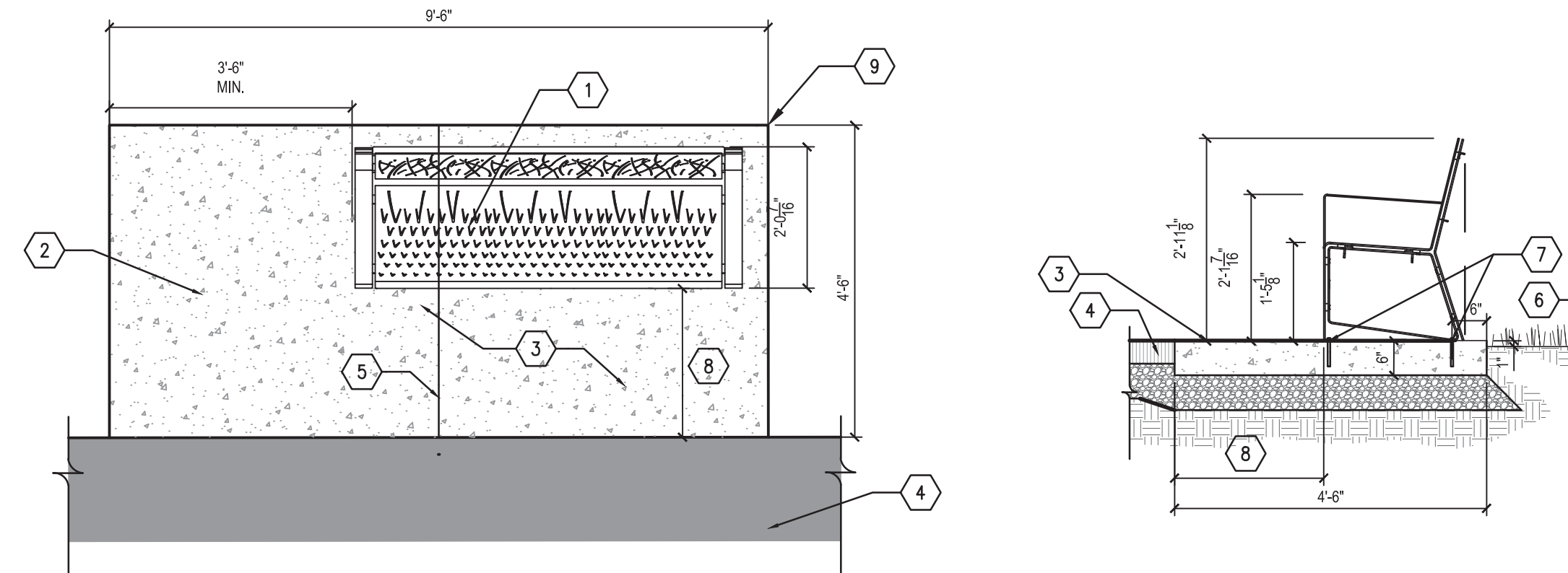


- 1 Ø7/16" HOLES FOR ANCHORING.
- 2 ROTATING LID, LID TO BE INSTALLED TO ROTATE WITHOUT CONFLICT WITH ADJACENT _CCTV INTERCOM CALL BOX.
- 3 MOUNT ONTO CONCRETE WITH VANDAL RESISTANT HARDWARE PER MANUFACTURER'S RECOMMENDATIONS
- 4 _SIDEWALK, CONC. 6 INCH, MODIFIED (1 D-C5.0)
- 5 SHARED USE PATH, HMA
- 6 _CCTV INTERCOM CALL BOX (SEE ELECTRICAL PLANS)
- 7 _CCTV INTERCOM CALL BOX FOUNDATION (SEE ELECTRICAL PLANS)
- 8 SEALED EXPANSION JOINT AROUND _CCTV INTERCOM CALL BOX FOUNDATION
- 9 MIN. OF 2'-0" CLEAR FROM EDGE OF HMA PATH PER ASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES (1999)
- 10 STATION OFFSET POINT
- 11 FINISH GRADE



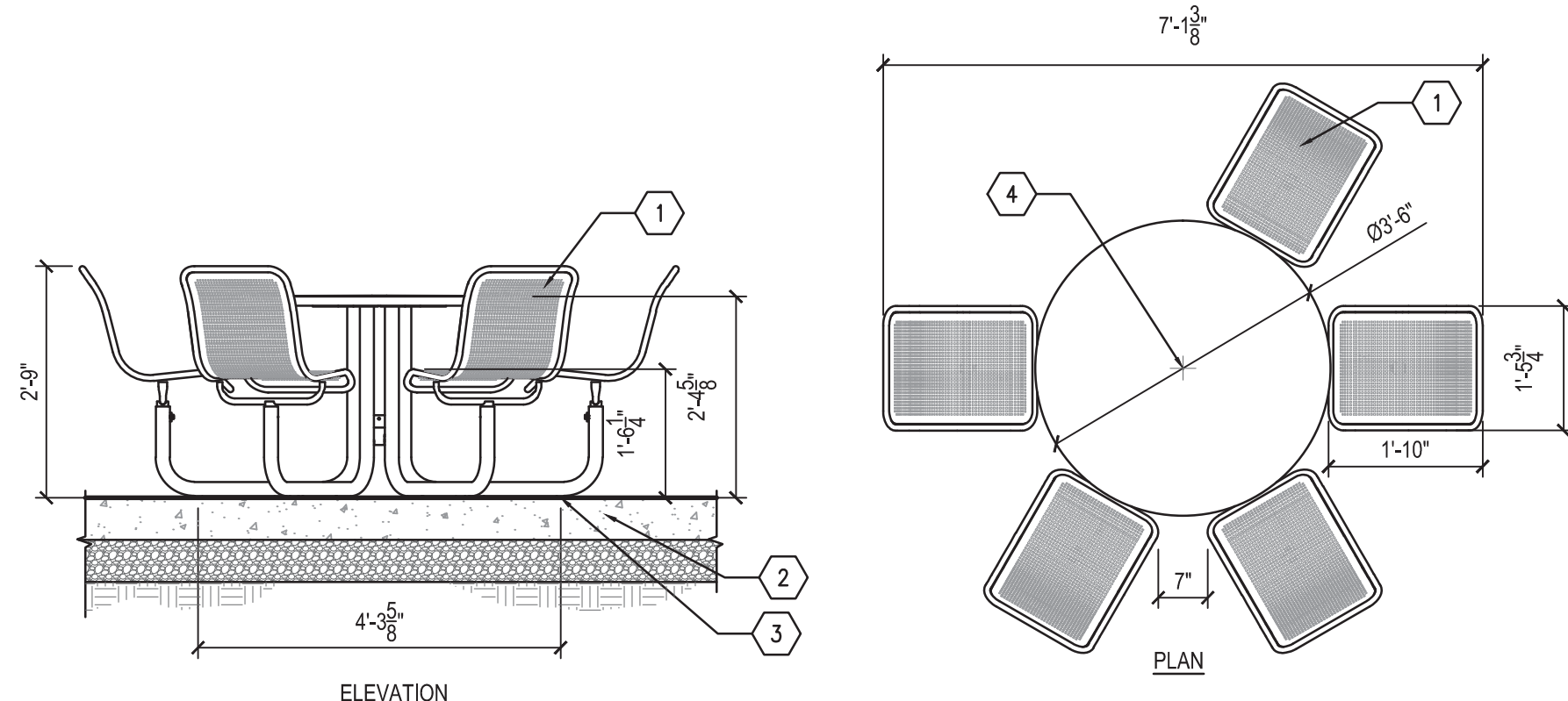
1 TRASH RECEPTACLE, TYPE D
 PLAN AND SECTION
 1/2" = 1'-0"

NOTE:
 1. BENCH TO BE LAKESIDE SERIES AS MANUFACTURED BY LANDSCAPE FORMS INC, BACKED BENCH, 67" IN LENGTH WITH GRASS PATTERN INSERT FOR BACK AND PICKET FENCE PATTERN FOR SEAT, SURFACE MOUNT WITH CENTER ARM. COLOR TO BE SILVER.



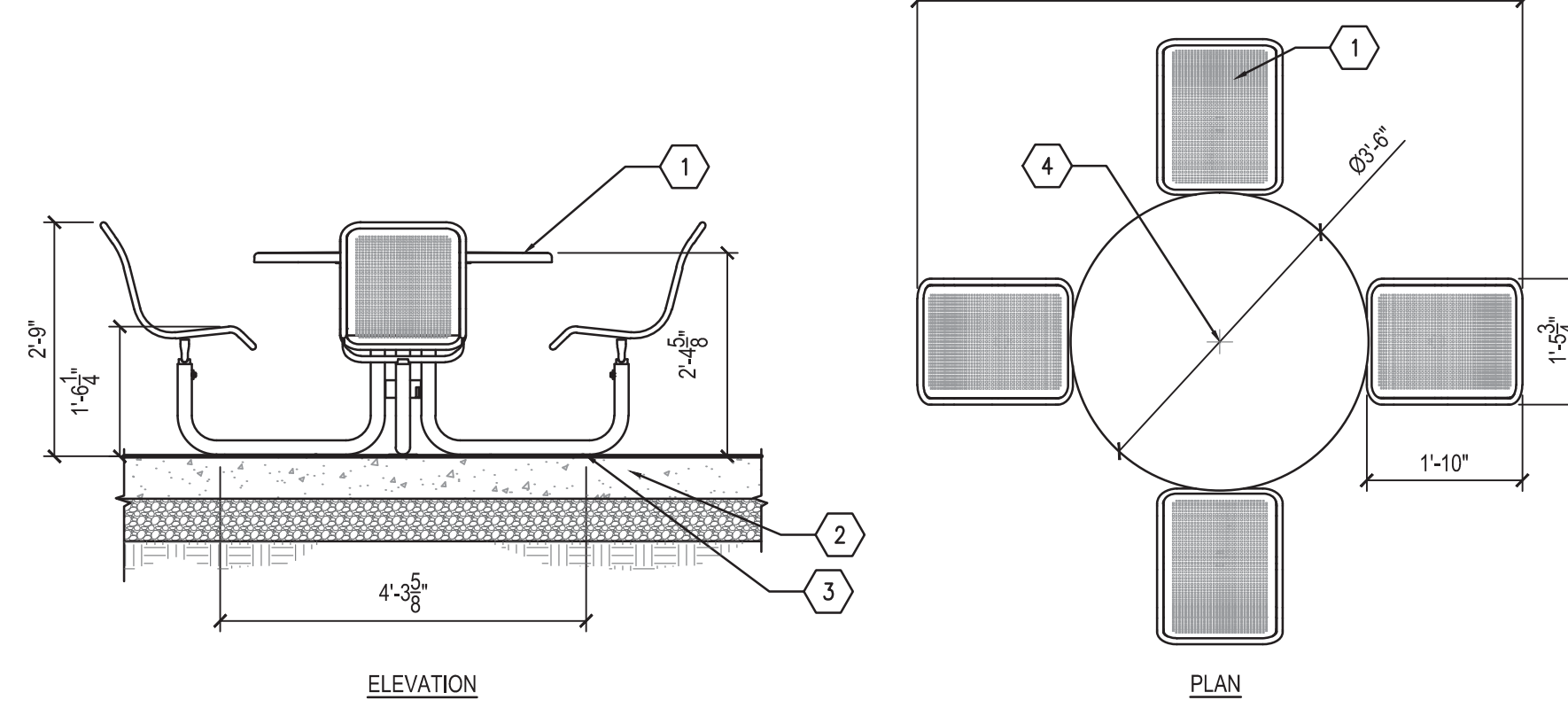
- 1 BENCH
- 2 ADA SEATING AREA (LOCATION VARIES, SEE LAYOUT DRAWINGS)
- 3 _SIDEWALK, CONC. 6 INCH, MODIFIED (1 D-C5.0)
- 4 SHARED USE PATH, HMA
- 5 CONTROL JOINT (8 D-C5.0)
- 6 FINISHED GRADE
- 7 ANCHORS MOUNTED INTO CONCRETE WITH VANDAL RESISTANT HARDWARE (PER MANUFACTURER'S RECOMMENDATIONS)
- 8 MIN. OF 2'-0" CLEAR FROM EDGE OF HMA PATH PER ASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES (1999)
- 9 STATION OFFSET POINT

2 BENCH, TYPE D
 PLAN AND SECTION
 1/2" = 1'-0"



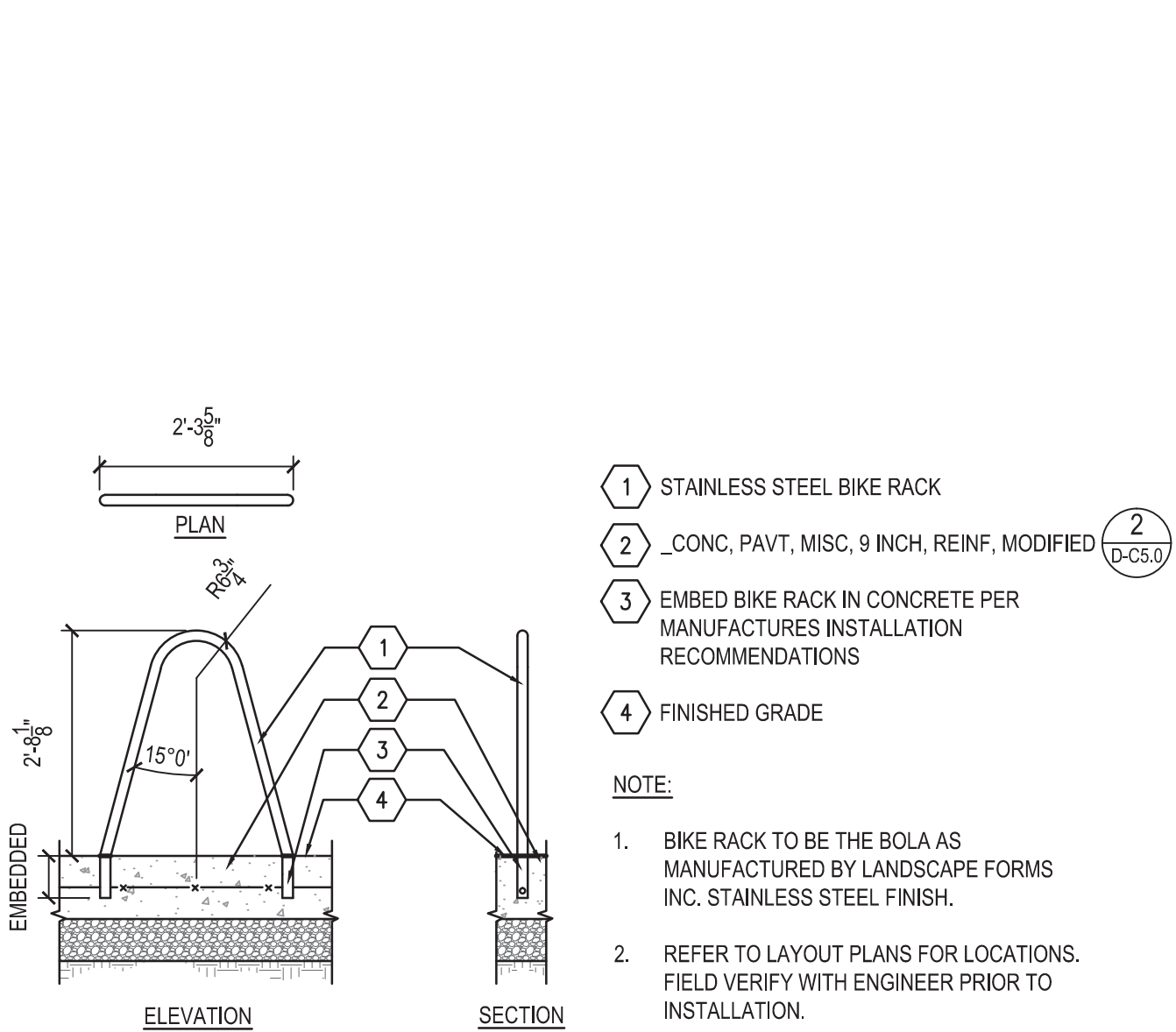
3 TABLE, TYPE D1
 ELEVATION AND PLAN
 1/2" = 1'-0"

- 1 6 SEAT TABLE WITH ONE CHAIR REMOVED FOR ACCESSIBLE SPACE, SOLID TABLE TOP WITH PERFORATED BACKED SEATS
 - 2 _SIDEWALK, CONC. 6 INCH, MODIFIED (1 D-C5.0)
 - 3 SURFACE MOUNT TABLE WITH VANDAL RESISTANT HARDWARE PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS
 - 4 STATION OFFSET POINT
- NOTES:
 1. DIMENSIONS SHOWN ARE FOR THE CAROUSEL TABLE, WITH CANTENA TABLE TOP, AS MANUFACTURED BY LANDSCAPE FORMS INC. ALSO ACCEPTED: VISTA ENSEMBLE SEATING AS MANUFACTURED BY FORMS AND SURFACES. COLOR TO BE SILVER.
 2. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.



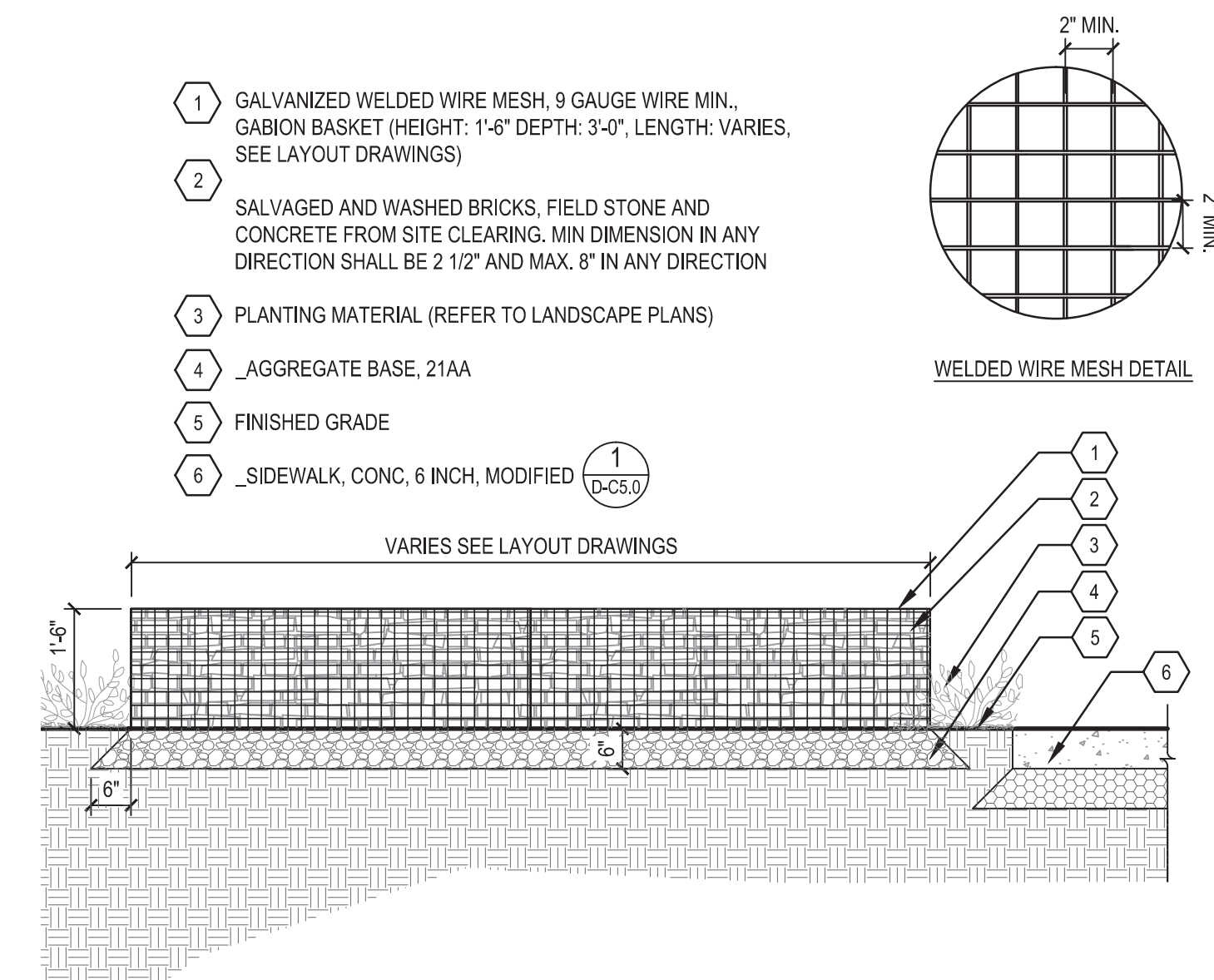
4 TABLE, TYPE D2
 ELEVATION AND PLAN
 1/2" = 1'-0"

- 1 4 SEAT TABLE, SOLID TABLE TOP WITH PERFORATED BACKED SEATS
 - 2 _SIDEWALK, CONC. 6 INCH, MODIFIED (1 D-C5.0)
 - 3 SURFACE MOUNT TABLE WITH VANDAL RESISTANT HARDWARE PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS
 - 4 STATION OFFSET POINT
- NOTES:
 1. DIMENSIONS SHOWN ARE FOR THE CAROUSEL TABLE, WITH CANTENA TABLE TOP, AS MANUFACTURED BY LANDSCAPE FORMS INC. ALSO ACCEPTED: VISTA ENSEMBLE SEATING AS MANUFACTURED BY FORMS AND SURFACES. COLOR TO BE SILVER.
 2. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.



5 BIKE RACK, TYPE D
 PLAN, ELEVATION AND SECTION
 1/2" = 1'-0"

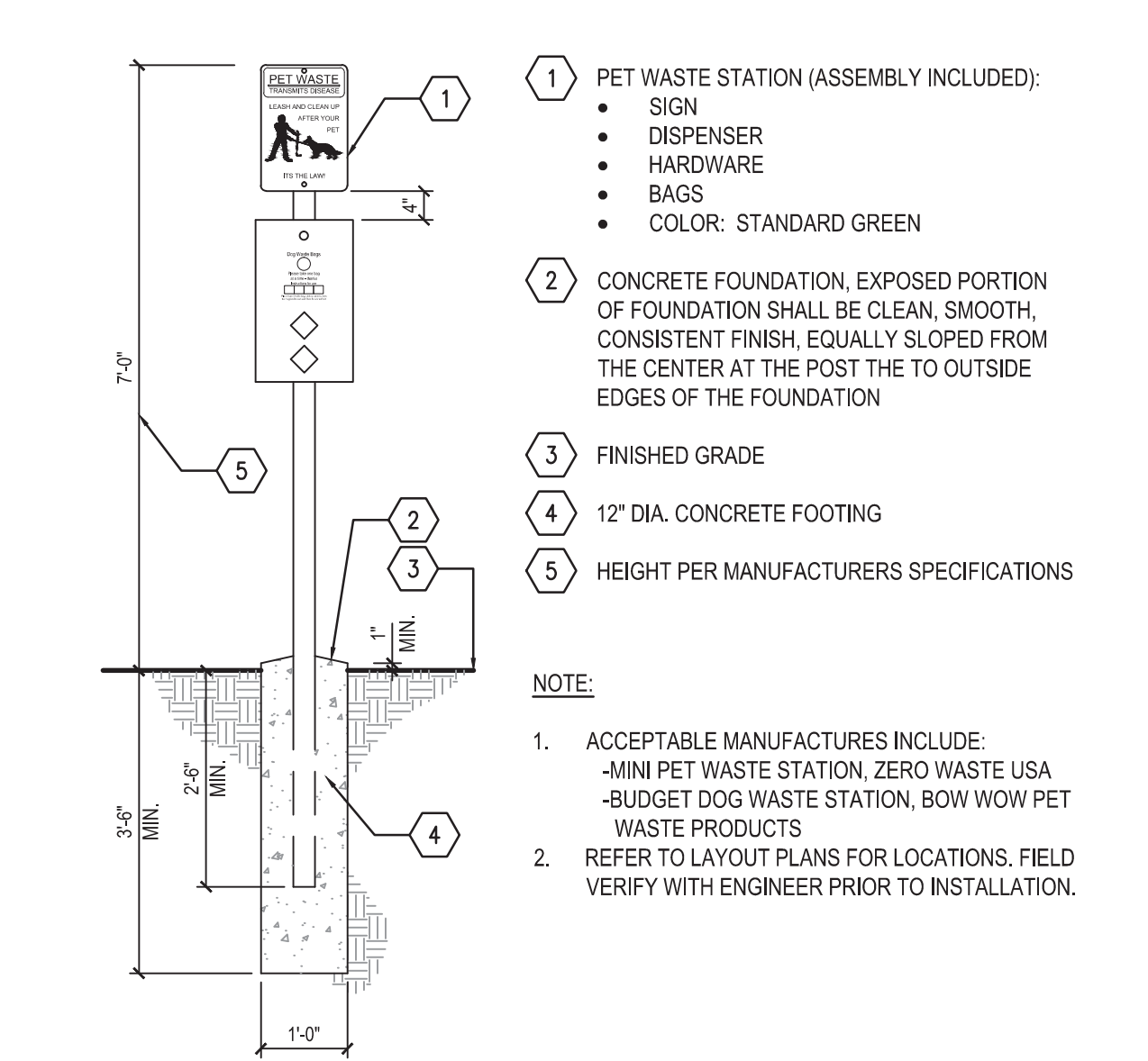
- 1 STAINLESS STEEL BIKE RACK
 - 2 _CONC, PAVT, MISC, 9 INCH, REINF, MODIFIED (2 D-C5.0)
 - 3 EMBED BIKE RACK IN CONCRETE PER MANUFACTURER'S INSTALLATION RECOMMENDATIONS
 - 4 FINISHED GRADE
- NOTE:
 1. BIKE RACK TO BE THE SOLA AS MANUFACTURED BY LANDSCAPE FORMS INC. STAINLESS STEEL FINISH.
 2. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.



6 GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)
 SECTION
 1/2" = 1'-0"

- 1 GALVANIZED WELDED WIRE MESH, 9 GAUGE WIRE MIN., GABION BASKET (HEIGHT: 1'-6" DEPTH: 3'-0", LENGTH: VARIES, SEE LAYOUT DRAWINGS)
- 2 SALVAGED AND WASHED BRICKS, FIELD STONE AND CONCRETE FROM SITE CLEARING. MIN DIMENSION IN ANY DIRECTION SHALL BE 2 1/2" AND MAX. 8" IN ANY DIRECTION
- 3 PLANTING MATERIAL (REFER TO LANDSCAPE PLANS)
- 4 _AGGREGATE BASE, 21AA
- 5 FINISHED GRADE
- 6 _SIDEWALK, CONC. 6 INCH, MODIFIED (1 D-C5.0)

NOTE:
 1. CONTRACTOR TO PROVIDE A FULL SCALE MOCK-UP OF ONE GABION BASKET WITH THE SALVAGED MATERIALS FOR APPROVAL BY THE ENGINEER PRIOR TO FINAL INSTALLATIONS. MOCK-UP MAY BE USED AS PART OF THE PROJECT. REJECTED MOCK-UPS MUST BE DISMANTLED AND RECONSTRUCTED PER THE DIRECTION PROVIDED IN THE FIELD BY THE ENGINEER AT NO ADDITIONAL COST TO THE PROJECT.
 2. PRIOR TO CONSTRUCTION OF THE MOCK-UP, SALVAGED MATERIALS SHALL BE STOCK PILED FOR REVIEW AND APPROVAL BY THE ENGINEER. SALVAGED MATERIALS MUST NOT BE COMPRISED OF MORE THAN 50% OF ONE MATERIAL, I.E. CONCRETE, BRICK OR STONE.
 3. MATERIALS TO BE HAND PLACED IN A TIGHT RANDOM PATTERN WITHOUT CREATING LARGE VOIDS OR ALLOWING MATERIALS TO PROTRUDE OUTSIDE OF THE GABION BASKETS.
 4. GABION BASKETS ARE INTENDED TO BE CLEAN AND STRAIGHT WITH EVEN 90 DEGREE BENDS, WITHOUT IRREGULARITIES. TOP AND SIDE EDGES TO BE STRAIGHT, EVEN, VERTICAL, FLAT AND PLUM.
 5. SEE DETAILS 4 AND 5 ON SHEET D-C5.7 FOR ADDITIONAL REQUIREMENTS.



7 DOG LITTER BAG DISPENSER, TYPE D
 SECTION
 1/2" = 1'-0"

- 1 PET WASTE STATION (ASSEMBLY INCLUDED):
 • SIGN
 • DISPENSER
 • HARDWARE
 • BAGS
 • COLOR: STANDARD GREEN
 - 2 CONCRETE FOUNDATION, EXPOSED PORTION OF FOUNDATION SHALL BE CLEAN, SMOOTH, CONSISTENT FINISH, EQUALLY SLOPED FROM THE CENTER AT THE POST THE TO OUTSIDE EDGES OF THE FOUNDATION
 - 3 FINISHED GRADE
 - 4 12" DIA. CONCRETE FOOTING
 - 5 HEIGHT PER MANUFACTURER'S SPECIFICATIONS
- NOTE:
 1. ACCEPTABLE MANUFACTURERS INCLUDE:
 -MINI PET WASTE STATION, ZERO WASTE USA
 -BUDGET DOG WASTE STATION, BOW WOW PET WASTE PRODUCTS
 2. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.

Dequindre Cut Phase II

Dequindre Cut
 Detroit, Michigan



Owners:



Economic Development Corporation of the City of Detroit
 Economic Development
 Corporation of the City of Detroit

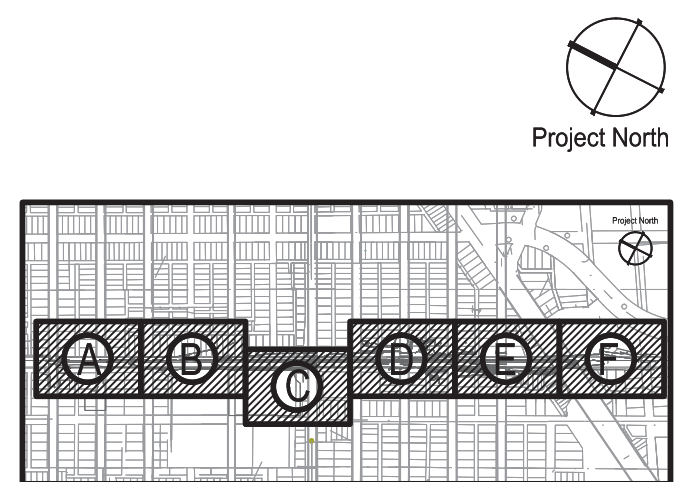
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 734.662.4457
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BIDDING DOCUMENTS	4	MAY 02, 2013
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE SITE FURNISHING DETAILS

GRAPHIC SCALE TAKES PRECEDENCE AS NOTED
 FULL SIZE SCALE (24x36) 50572.000

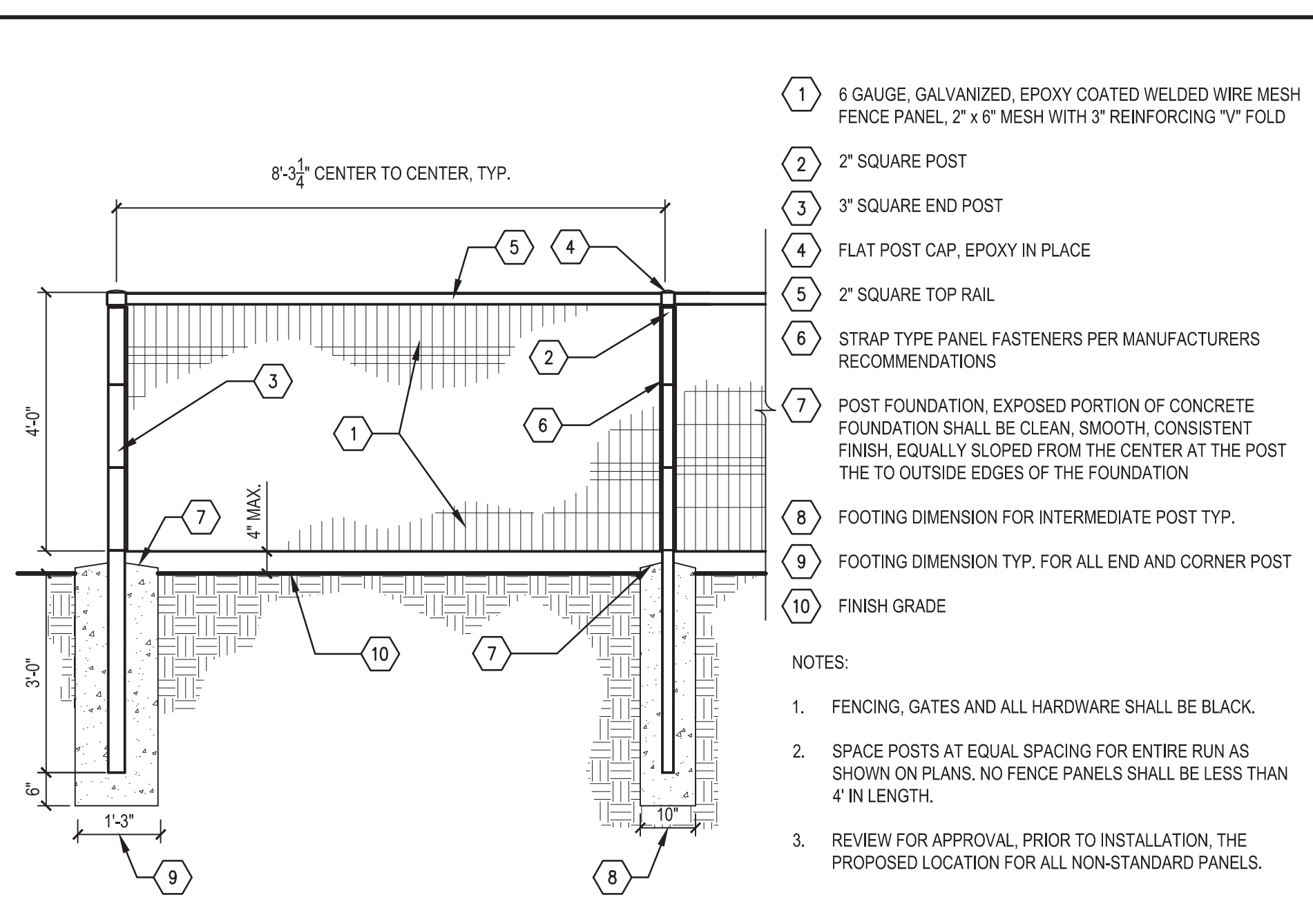
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D-C5.2

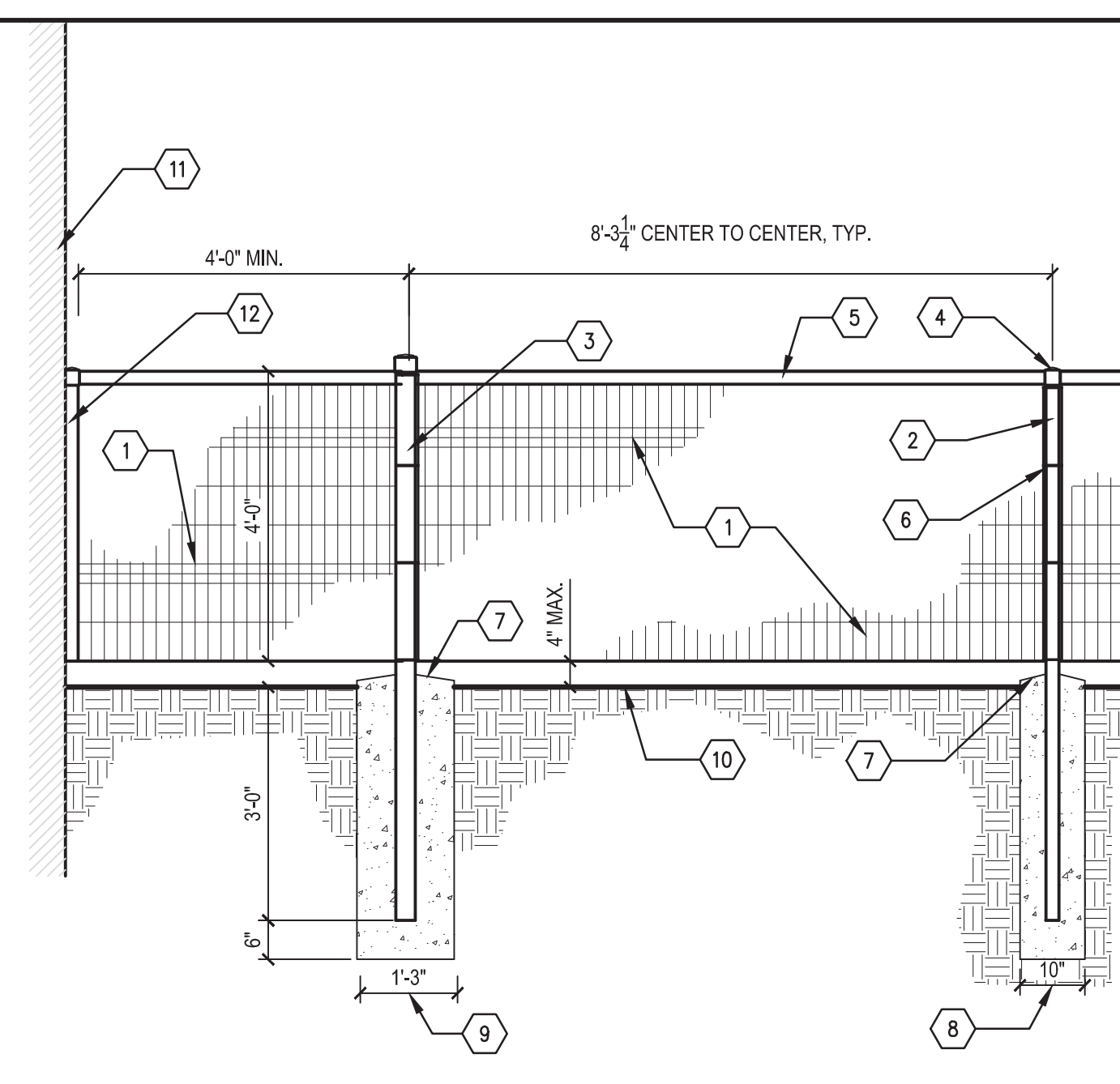
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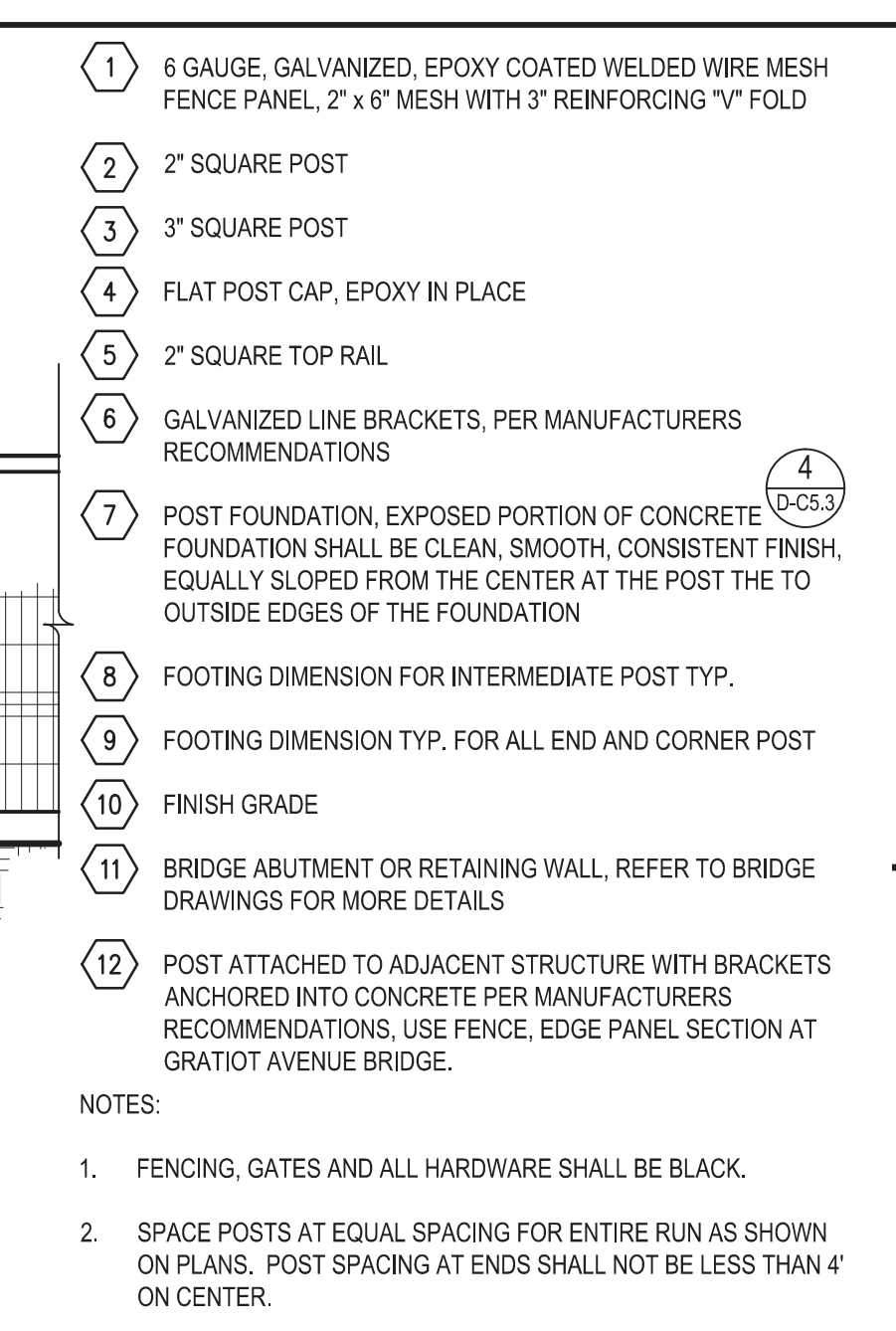
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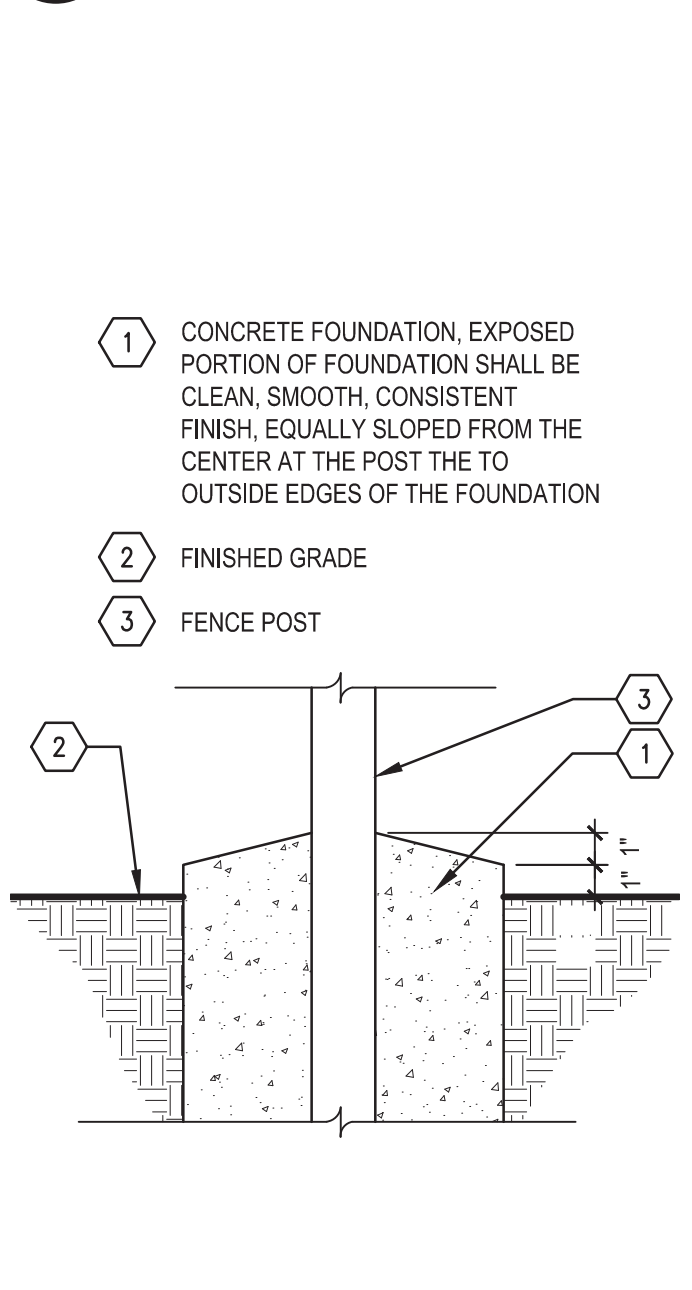
1 FENCE, 48 INCH, TYPE D1
SECTION
1/2" = 1'-0"



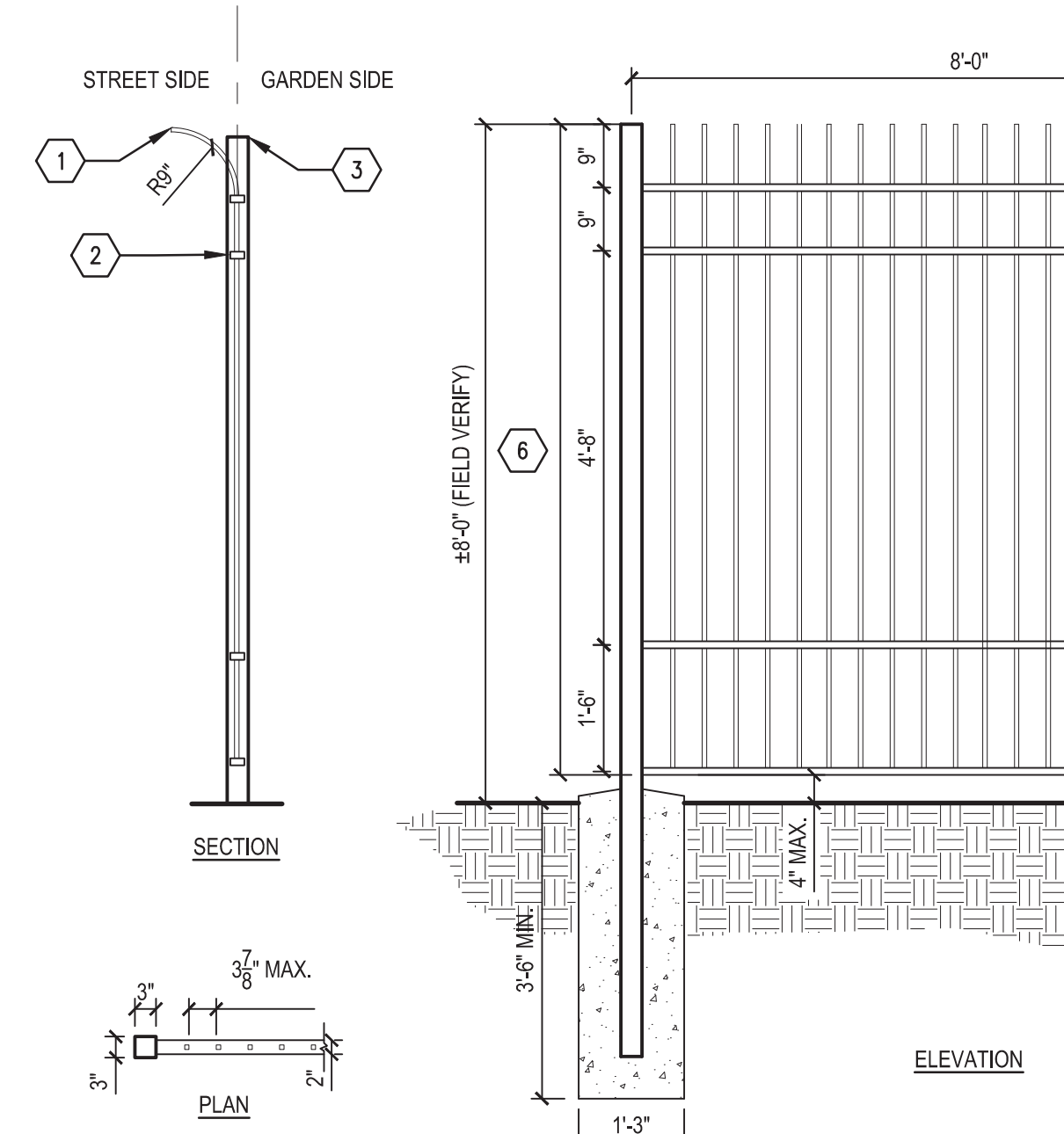
2 FENCE, END PANEL SECTION AT STRUCTURE
SECTION
1/2" = 1'-0"



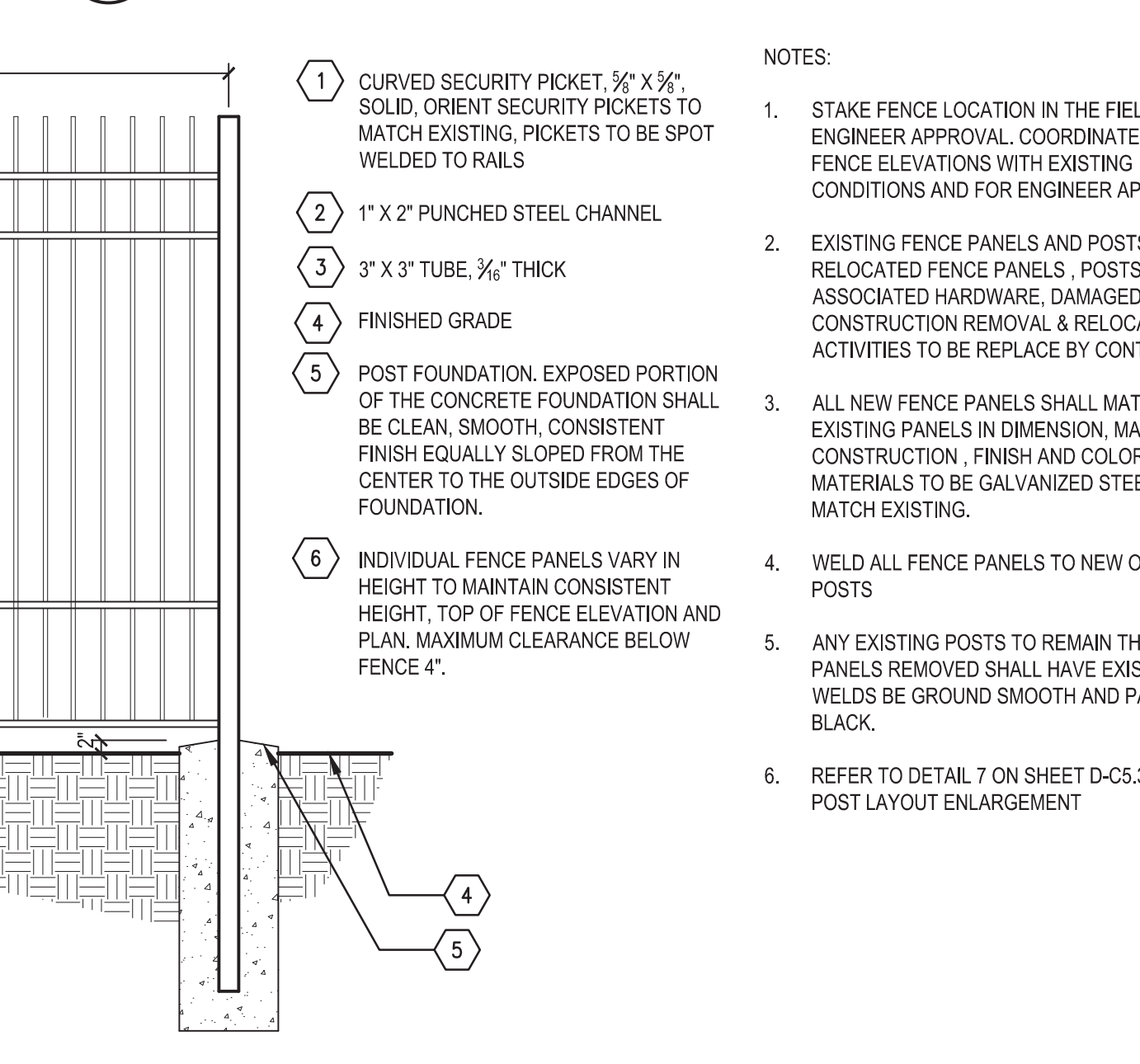
3 FENCE, END PANEL SECTION AT GRATIOT AVE
SECTION
1/2" = 1'-0"



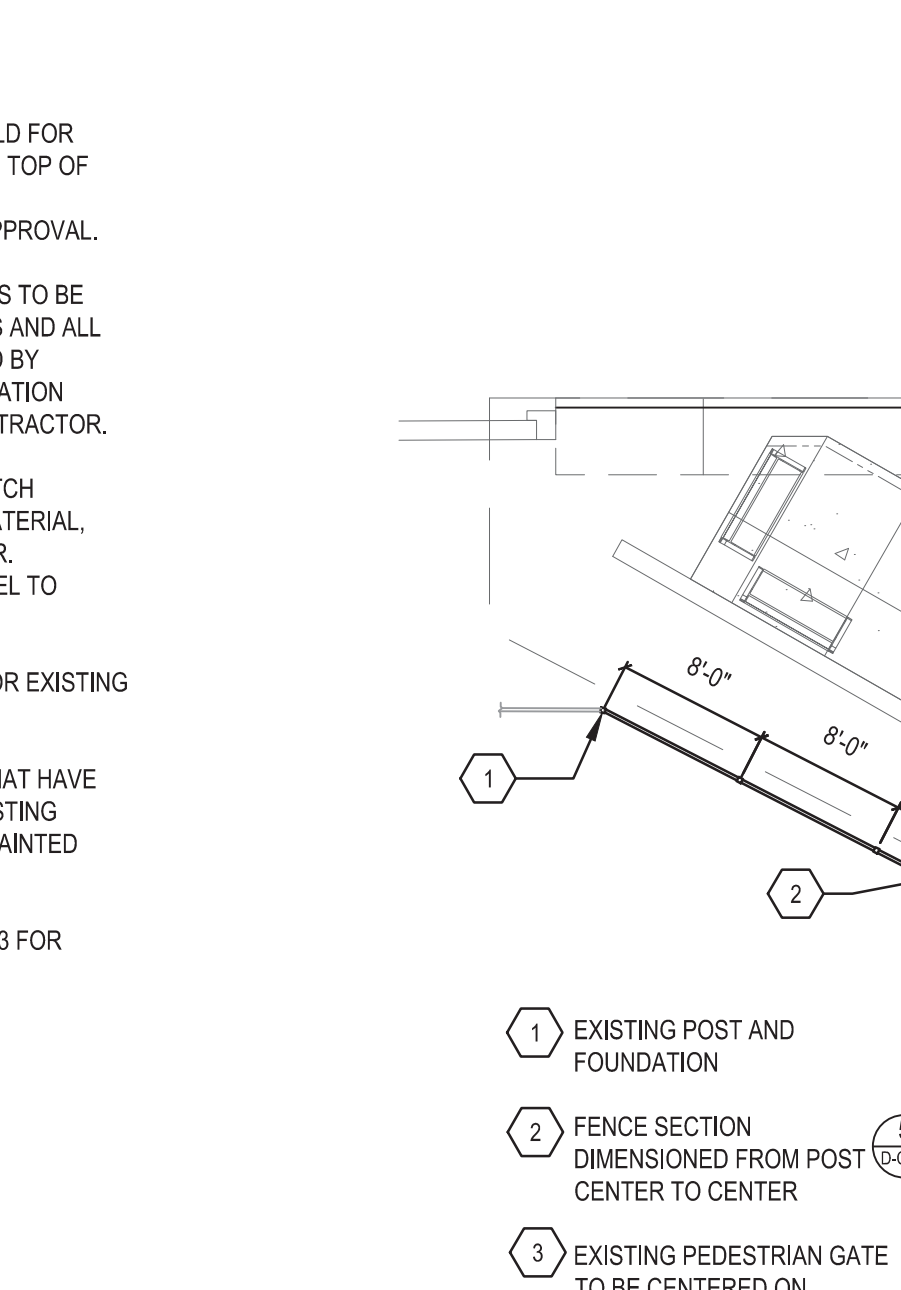
4 POST FOUNDATION
SECTION
1" = 6"



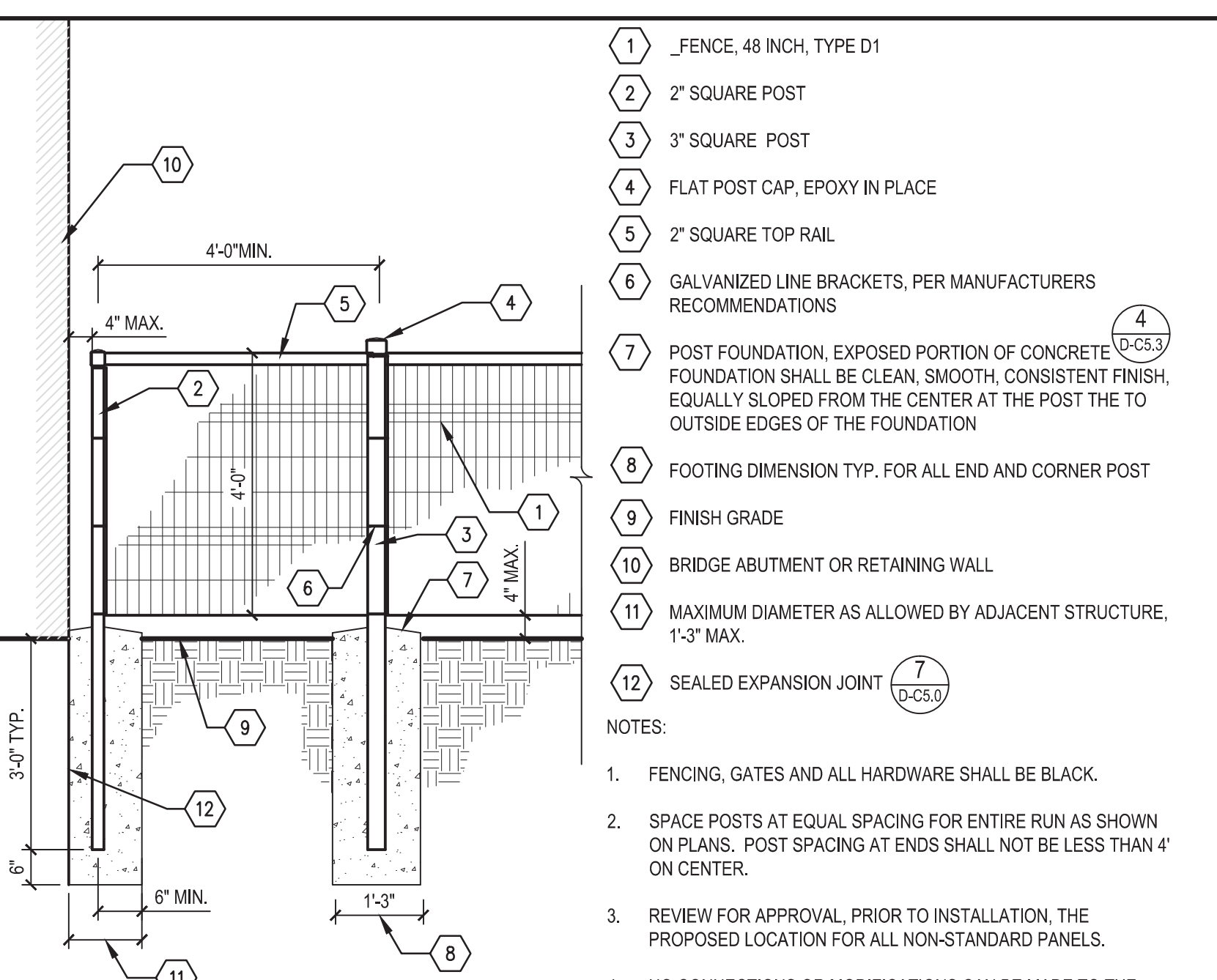
5 FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED)
ELEVATION AND SECTION
1/2" = 1'-0"



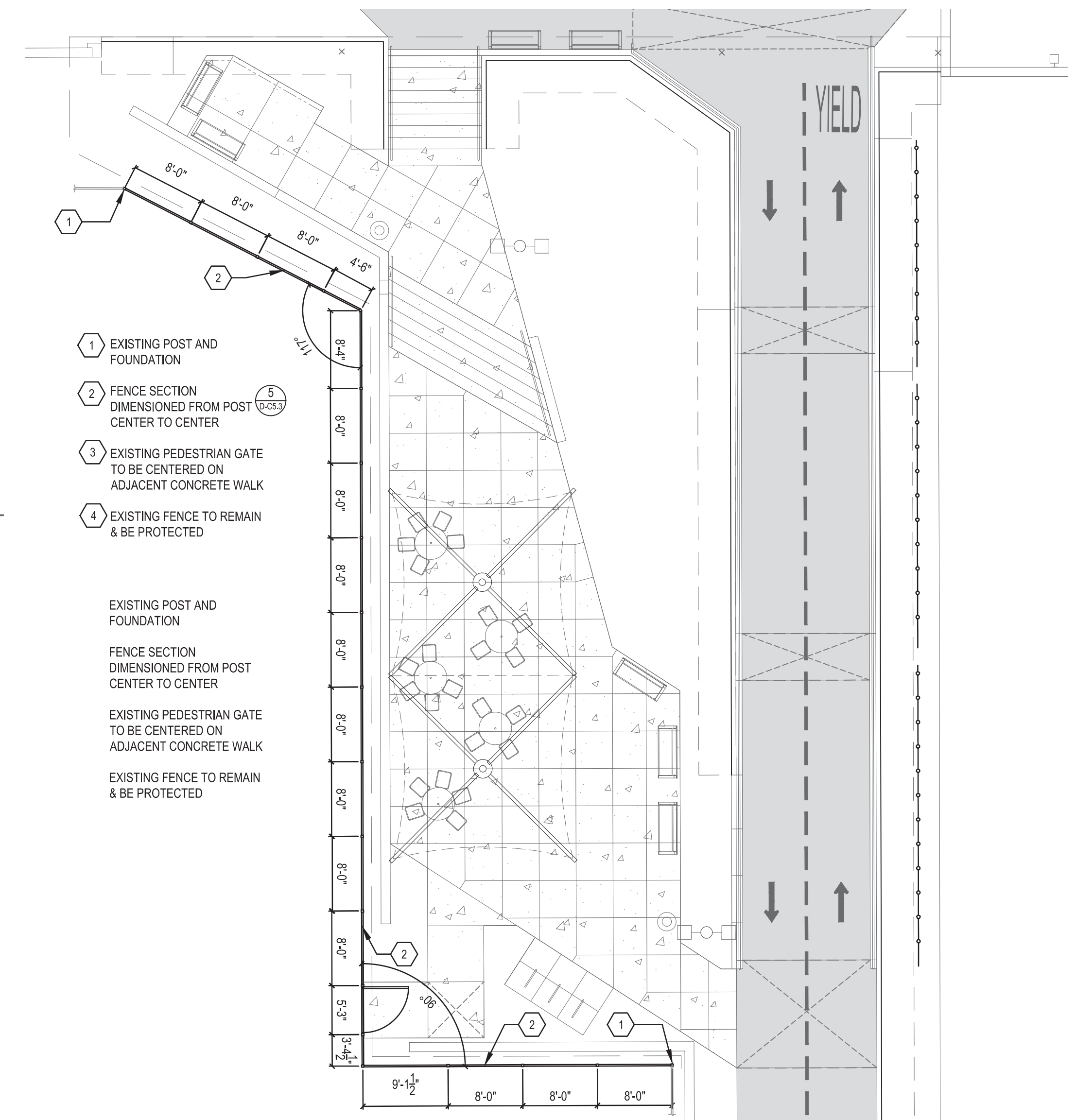
6 FENCE, GATE, PEDESTRIAN, 4 FOOT, TYPE D1 AND FENCE, GATE, VEHICULAR, 16 FOOT, TYPE D1
SECTION
1/2" = 1'-0"



7 POST LAYOUT ENLARGEMENT (FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED))
PLAN
1/2" = 1'-0"



8 FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED)
SECTION
1/2" = 1'-0"



9 POST LAYOUT ENLARGEMENT (FENCE, 96 INCH, TYPE D3 (FENCE RELOCATED))
PLAN
1/2" = 1'-0"

Dequindre Cut Phase II
Dequindre Cut
Detroit, Michigan

MDOT
Michigan Department of Transportation

Owners:
City of Detroit

Economic Development Corporation of the City of Detroit

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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN

DRAWING TITLE
FENCE AND GATE DETAILS

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)

AS NOTED
50572.000

PROJECT NUMBER
D-C5.3

DRAWING NUMBER
53 of 497

3 WORKING DAYS BEFORE YOU DIG
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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit

Economic Development Corporation of the City of Detroit
Economic Development
Corporation of the City of Detroit

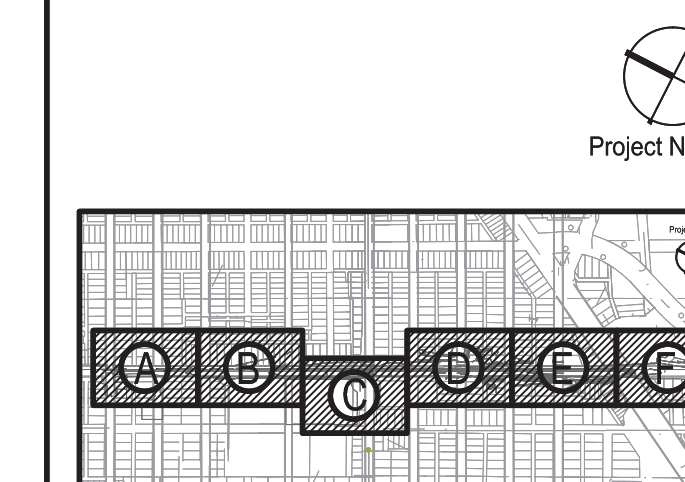
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**WILKINS RAILING
DETAILS**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)

AS NOTED

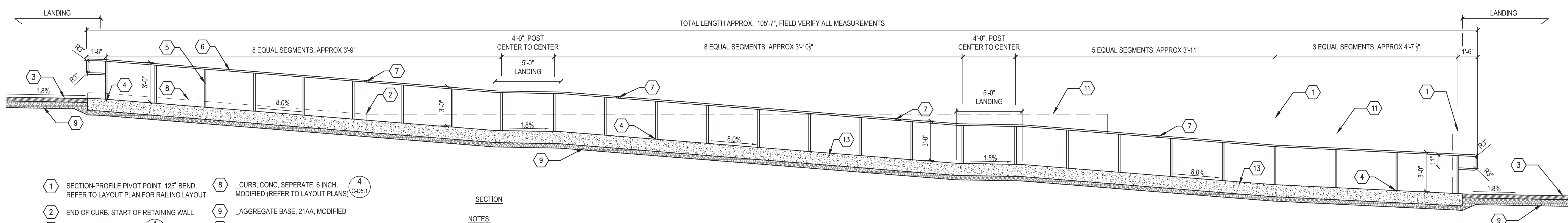
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PROJECT NUMBER

D-C5.4

DRAWING NUMBER

54 of 497



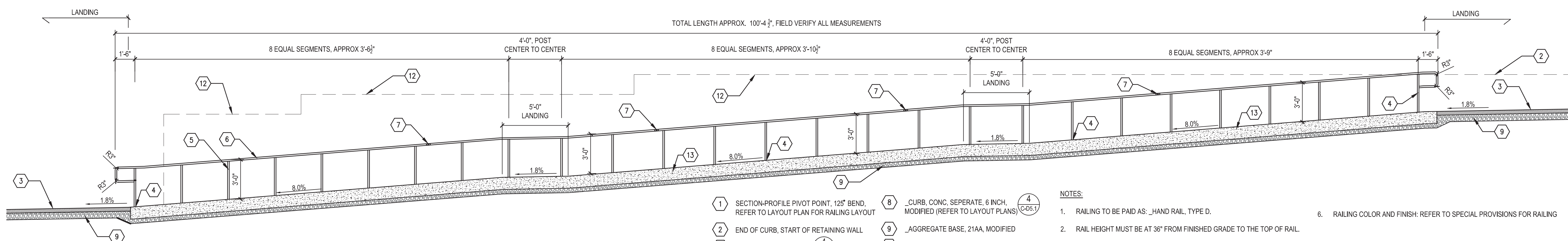
- 1 SECTION-PROFILE PIVOT POINT, 125° BEND, REFER TO LAYOUT PLAN FOR RAILING LAYOUT
- 2 END OF CURB, START OF RETAINING WALL
- 3 SHARED USE PATH, HMA (D-C5.0)
- 4 SEE 'RAILING POST EMBEDMENT' (D-C5.6)
- 5 1-1/2" DIA. POST, 7 GAUGE, TYP.
- 6 1-1/2" DIA. RAIL, 7 GAUGE, TYP.
- 7 RAIL EXP. JT. (APPROX. 20' CENTERS)
- 8 _CURB, CONC, SEPERATE, 6 INCH, MODIFIED (REFER TO LAYOUT PLANS)
- 9 _AGGREGATE BASE, 21AA, MODIFIED
- 10 END OF CURB, START OF RETAINING WALL
- 11 RETAINING WALL D ELEVATION (D-C6.1)
- 12 RETAINING WALL E ELEVATION (D-C6.1)
- 13 _RAILING STRIP, CONC

SECTION

NOTES:

- RAILING TO BE PAID AS: _HAND RAIL, TYPE D.
- RAIL HEIGHT MUST BE AT 36" FROM FINISHED GRADE TO THE TOP OF RAIL.
- PROVIDE COMPLETE SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
- RAILING POSTS TO BE SET VERTICAL PLUMB AND HORIZONTAL RAILS TO BE PARALLEL TO PAVEMENT SURFACE.
- POSTS AND RAILS TO BE GALVANIZED STEEL TUBING HSS 1.90 x 0.145, ASTM A500 GRADE C
- RAILING COLOR AND FINISH: REFER TO SPECIAL PROVISIONS FOR RAILING

1 RAMP PROFILE 1
PROFILE



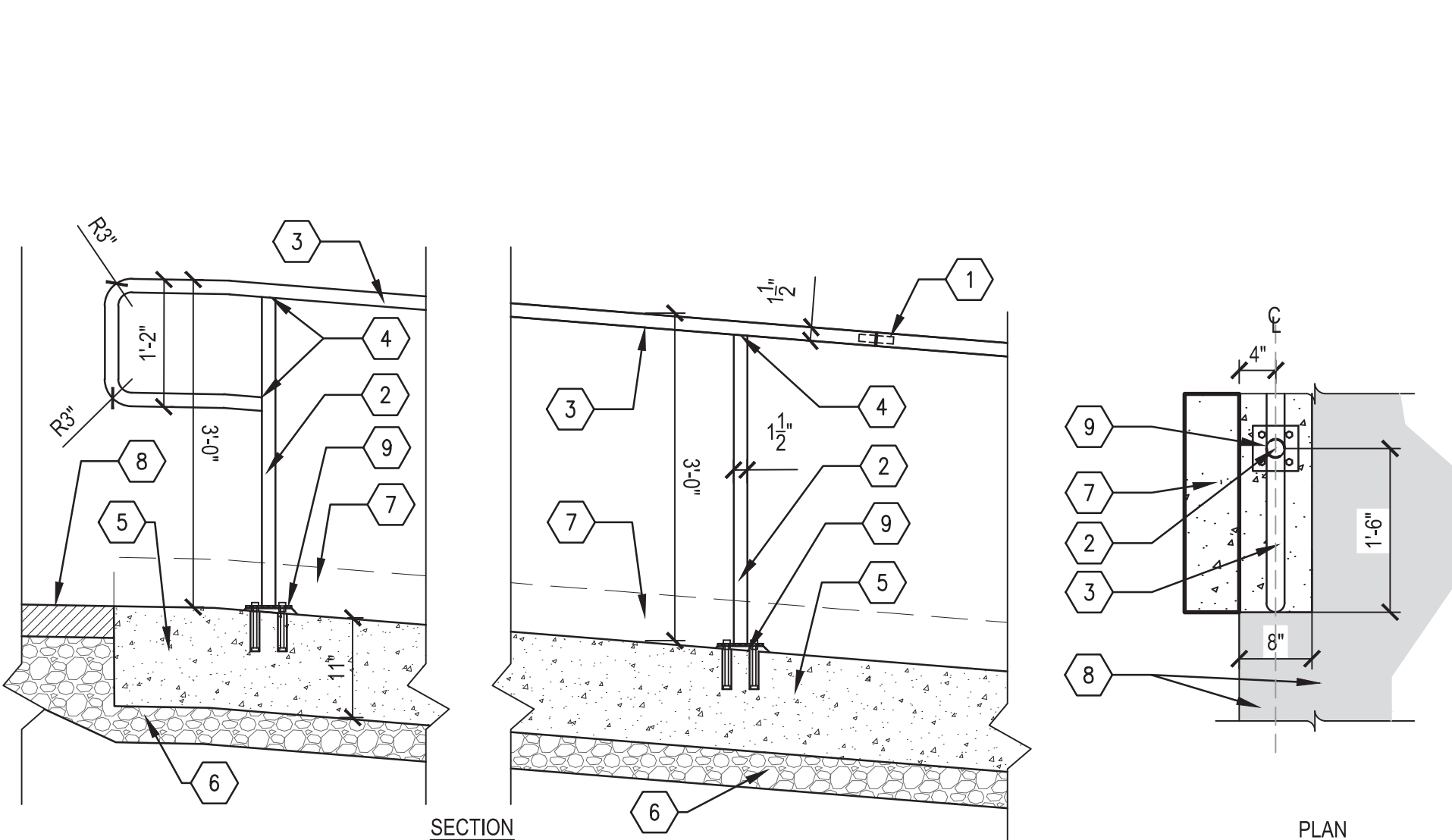
- 1 SECTION-PROFILE PIVOT POINT, 125° BEND, REFER TO LAYOUT PLAN FOR RAILING LAYOUT
- 2 END OF CURB, START OF RETAINING WALL
- 3 SHARED USE PATH, HMA (D-C5.0)
- 4 SEE 'RAILING POST EMBEDMENT' (D-C5.6)
- 5 1-1/2" DIA. POST, 7 GAUGE, TYP.
- 6 1-1/2" DIA. RAIL, 7 GAUGE, TYP.
- 7 RAIL EXP. JT. (APPROX. 20' CENTERS)
- 8 _CURB, CONC, SEPERATE, 6 INCH, MODIFIED (REFER TO LAYOUT PLANS)
- 9 _AGGREGATE BASE, 21AA, MODIFIED
- 10 END OF CURB, START OF RETAINING WALL
- 11 RETAINING WALL D ELEVATION (D-C6.1)
- 12 RETAINING WALL E ELEVATION (D-C6.1)
- 13 _RAILING STRIP, CONC

SECTION

NOTES:

- RAILING TO BE PAID AS: _HAND RAIL, TYPE D.
- RAIL HEIGHT MUST BE AT 36" FROM FINISHED GRADE TO THE TOP OF RAIL.
- PROVIDE COMPLETE SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
- RAILING POSTS TO BE SET VERTICAL PLUMB AND HORIZONTAL RAILS TO BE PARALLEL TO PAVEMENT SURFACE.
- POSTS AND RAILS TO BE GALVANIZED STEEL TUBING HSS 1.90 x 0.145, ASTM A500 GRADE C
- RAILING COLOR AND FINISH: REFER TO SPECIAL PROVISIONS FOR RAILING

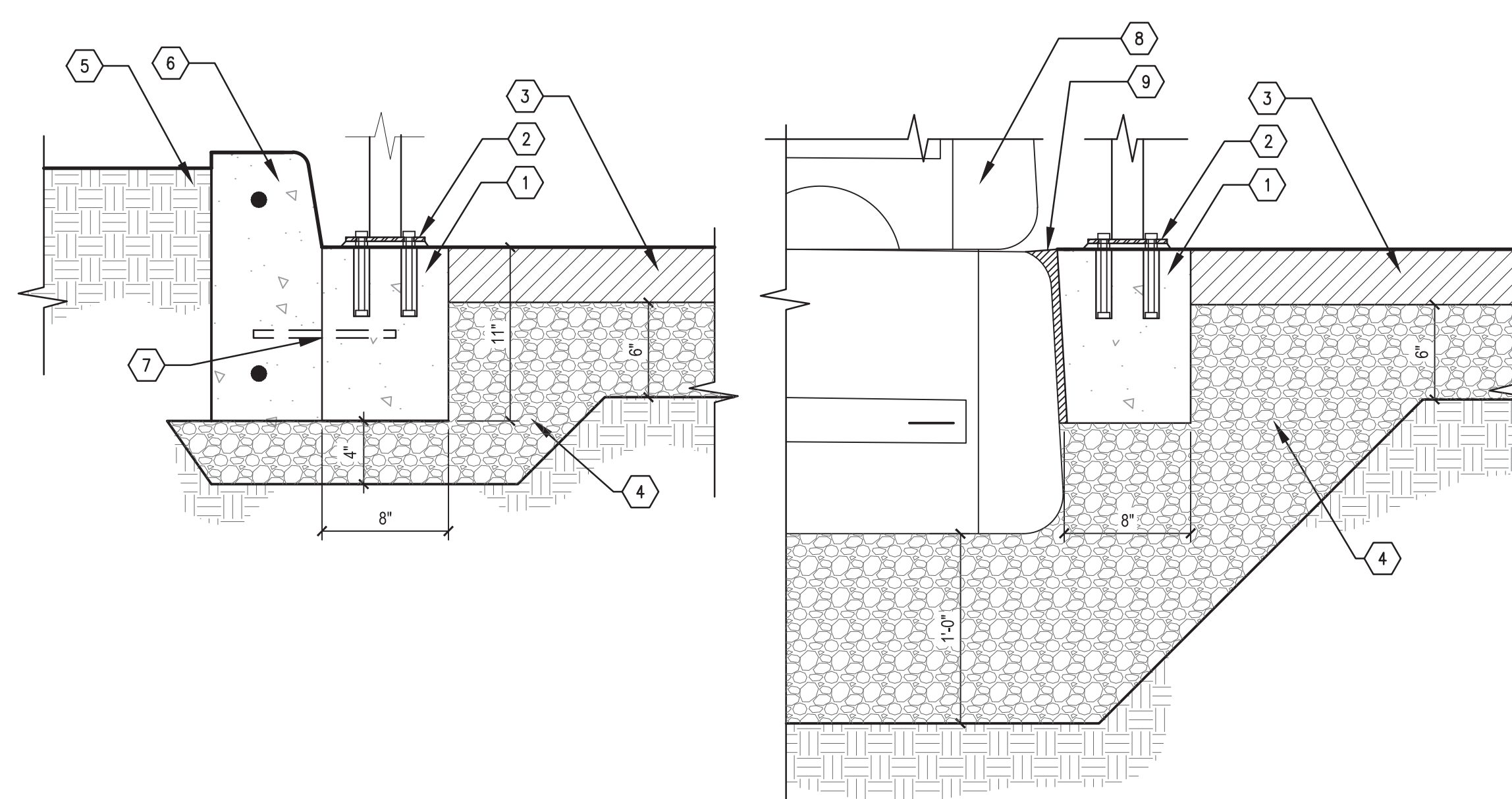
2 RAMP PROFILE 2
PROFILE



- 1 RAIL EXPANSION JOINT (APPROXIMATE 20' CENTERS)
- 2 1-1/2" DIA. POST, 7 GAUGE
- 3 1-1/2" DIA. RAIL, 7 GAUGE
- 4 CONTINUOUS WELD AT ALL CONNECTIONS, GRIND SMOOTH
- 5 _RAILING STRIP, CONC (D-C5.4)
- 6 _AGGREGATE BASE, 21AA, MODIFIED
- 7 _CURB, CONC, SEPERATE, 6 INCH, MODIFIED (D-C5.7)
- 8 SHARED USE PATH, HMA (D-C5.0)
- 9 ANCHOR PLATE, _HAND RAIL, TYPE D (D-C5.5)

3 HAND RAIL, TYPE D (TYPICAL RAILING DETAIL)
SECTION AND PLAN

3/4" = 1'-0"



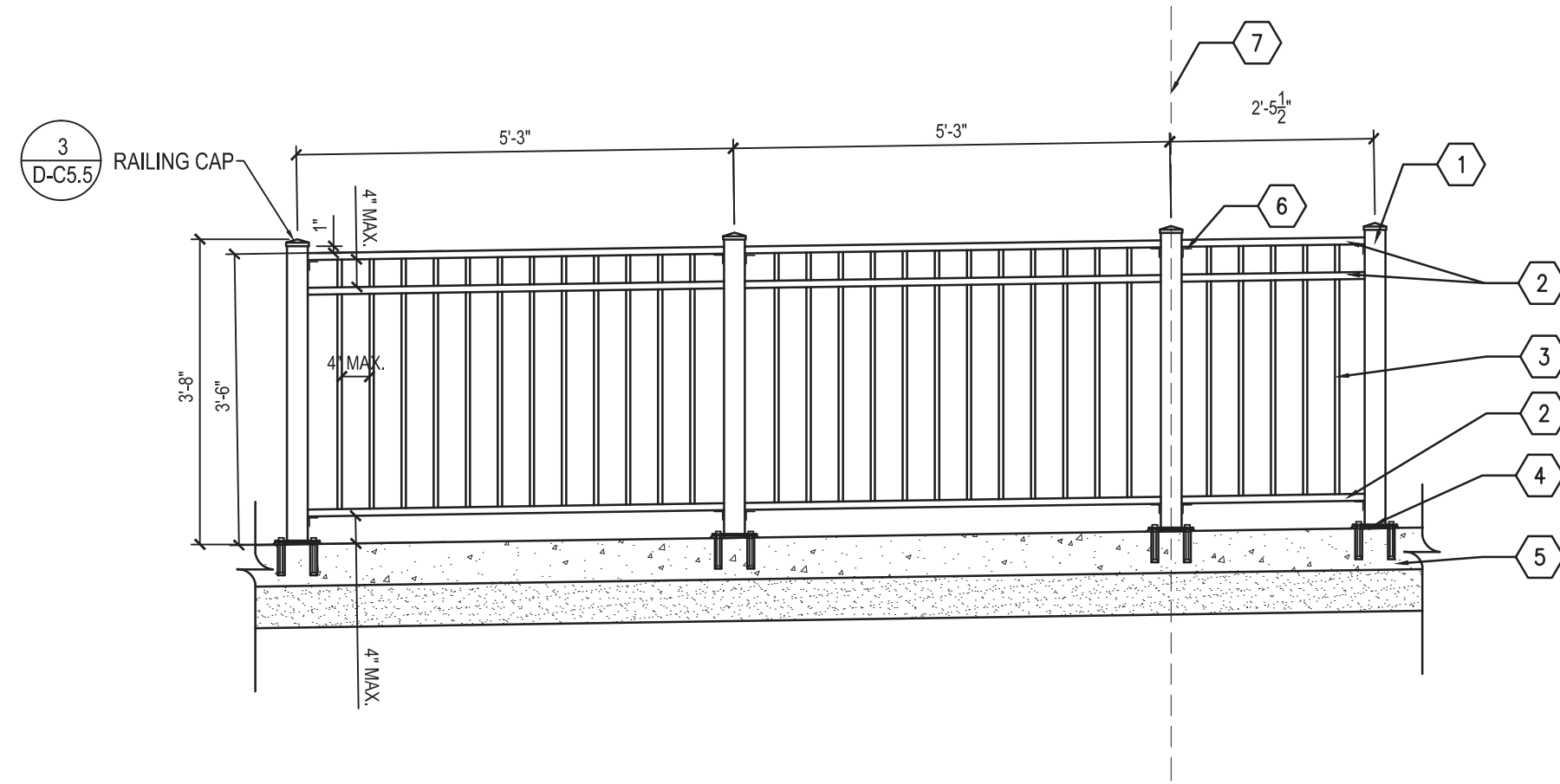
- 1 4 - _RAILING STRIP, CONC
- 2 ANCHOR PLATE, _HAND RAIL, TYPE D (D-C5.5)
- 3 SHARED USE PATH, HMA (D-C5.0)
- 4 _AGGREGATE BASE, 21AA, MODIFIED
- 5 LANDSCAPED AREA (REFER TO LANDSCAPE PLANS)
- 6 _CURB, CONC, SEPERATE, 6 INCH, MODIFIED (D-C5.7)
- 7 TIED COLD (CONSTRUCTION) JOINT (D-C5.0)
- 8 RETAINING WALL (REFER TO GRADING PLANS)
- 9 SEALED EXPANSION JOINT (D-C5.0)

4 RAILING STRIP, CONC
SECTION

3/4" = 1'-0"

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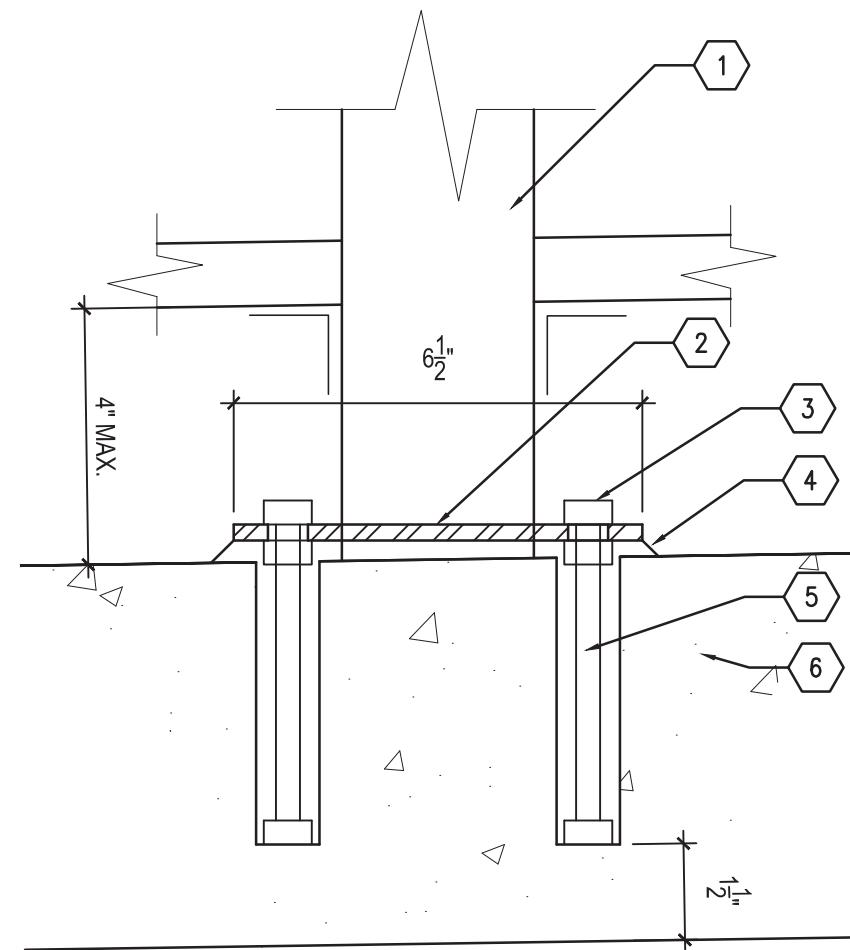
- 1 3" x 3" SQUARE TUBULAR STEEL POST
- 2 1 1/2" W x 1" THICK STEEL RAIL
- 3 3/4" SQUARE SOLID STEEL PICKET
- 4 ANCHOR PLATE, RAILING, BARRIER, TYPE D
- 5 6" SIDEWALK, CONC, 6 INCH, MODIFIED
- 6 SHOP WELD STEEL ANGLE TO STEEL POST, TYP. FIELD WELD PANEL TO ANGLE AND POST, GRIND SMOOTH AND POLISH ALL WELDS, PAINT BLACK.
- 7 PIVOT POINT OF PROFILE, SEE LAYOUT PLAN

NOTES:

1. RAILING TO BE PAID AS RAILING, BARRIER, TYPE D
2. RAIL HEIGHT MUST BE 42" FROM FINISHED GRADE TO THE TOP OF RAIL.
3. PROVIDE COMPLETE SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
4. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
5. RAILING POSTS TO BE SET VERTICAL PLUMB AND HORIZONTAL RAILS TO BE PARALLEL TO PAVEMENT SURFACE.
6. POSTS AND RAILS TO BE STEEL TUBING HSS 1.90 x 0.145, ASTM A500 GRADE C
7. RAILING COLOR AND FINISH: REFER TO SPECIAL PROVISIONS FOR RAILING
8. COORDINATE RAILING LAYOUT WITH PROPOSED PLAZA DESIGN AND ADJACENT PAVEMENT RETAINING WALLS, ETC.
9. NO PANEL SECTIONS SHALL BE LESS THAN 1/2 THE LENGTH OF THE STANDARD PANEL LENGTH OF 5'-8".

1 RAILING, BARRIER, TYPE D
PROFILE

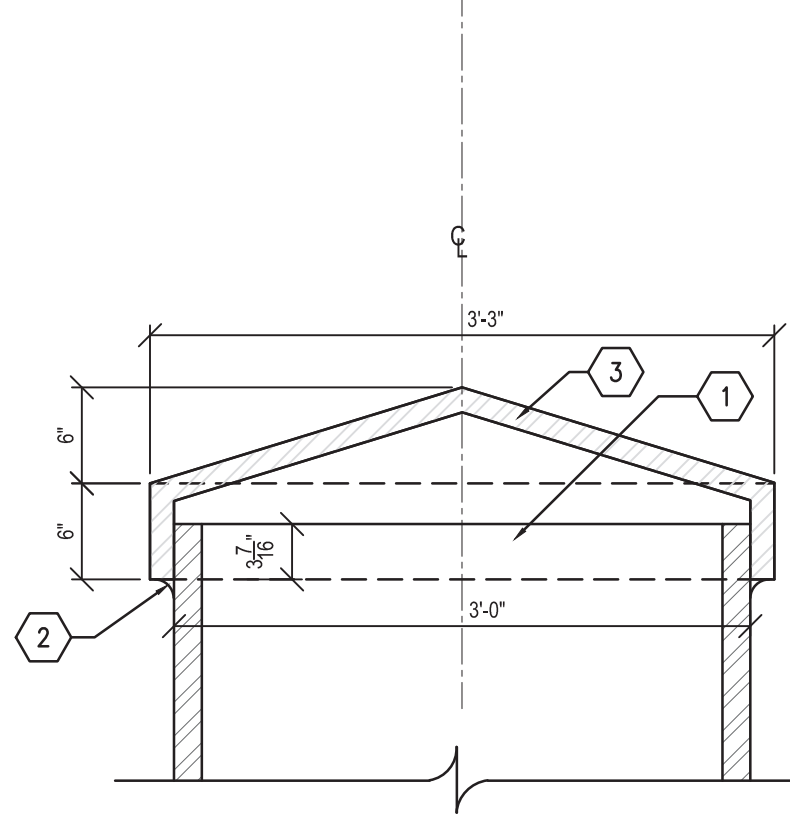
1/2" = 1'-0"



- 1 3" x 3" SQUARE TUBULAR STEEL POST, 7 GAUGE
- 2 6" x 6" x 1/2" STEEL PLATE CONTINUOUS WELD TO POST
- 3 TAMPER PROOF GALVANIZED LEVELING NUTS ON TOP & BOTTOM OF BASE PLATE
- 4 NON-SHRINK, NON-METALLIC GROUT TO LEVEL PLATE, 1" MAX. THICKNESS
- 5 3/8" DIAMETER X 5" GALVANIZED BOLT, TYP., SET PLUMB, GROUT IN PLACE WITH NON-SHRINK, NON-METALLIC GROUT.
- 6 6" SIDEWALK, CONC, 6 INCH, MODIFIED

2 ANCHOR PLATE, RAILING, BARRIER, TYPE D
SECTION

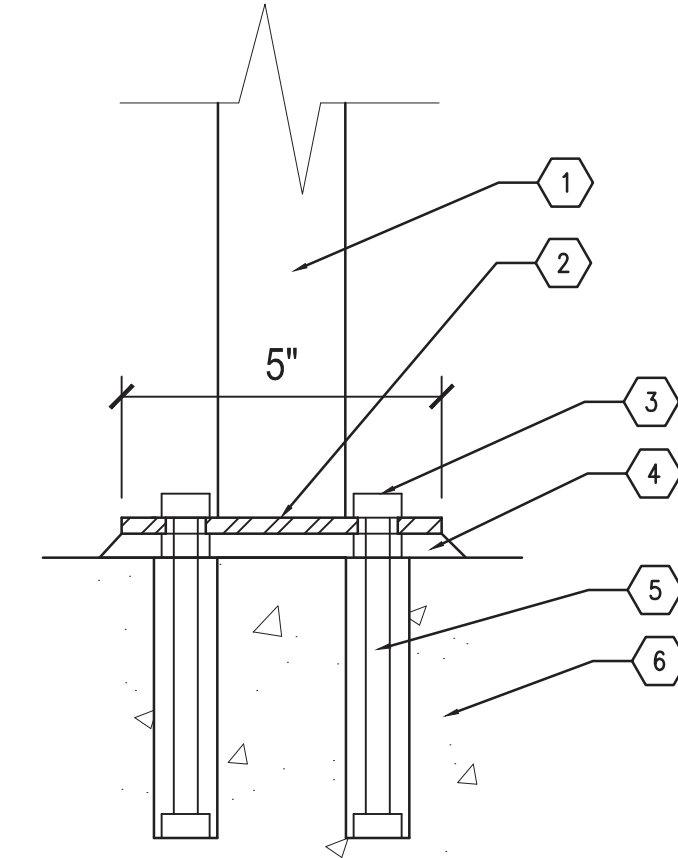
1" = 6"



- 1 SHOP WELD CAP TO POST, CONTINUOUS WELD
- 2 3" x 3" SQUARE TUBULAR STEEL POST, PROVIDE POST STEEL THICKNESS, ETC.
- 3 7 GAUGE GALVANIZED STEEL CAP PAINTED BLACK

3 CAP, RAILING, BARRIER, TYPE D
SECTION

1" = 1"



- 1 1-1/2" DIA. POST
- 2 5" x 5" x 1/2" STEEL PLATE CONTINUOUS WELD TO POST
- 3 TAMPER PROOF GALVANIZED LEVELING NUTS ON TOP & BOTTOM OF BASE PLATE
- 4 NON-SHRINK, NON-METALLIC GROUT TO LEVEL PLATE, 1" MAX. THICKNESS
- 5 3/8" DIAMETER X 5" GALVANIZED BOLT, TYP., (4 PER PLATE) SET PLUMB, GROUT IN PLACE WITH NON-SHRINK, NON-METALLIC GROUT.
- 6 6" RAILING STRIP, CONC

4 ANCHOR PLATE, HAND RAIL, TYPE D
SECTION

1" = 6"

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

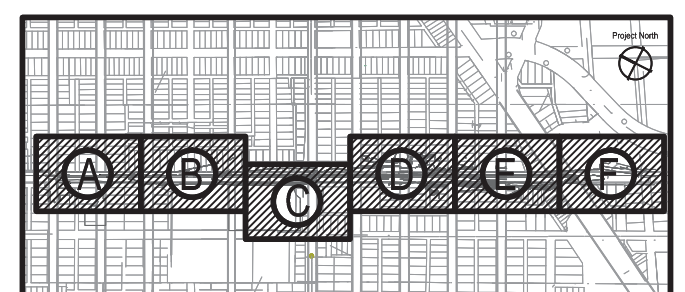
SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**WILKINS RAILING
DETAILS 2**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
AS NOTED
50572.000

PROJECT NUMBER

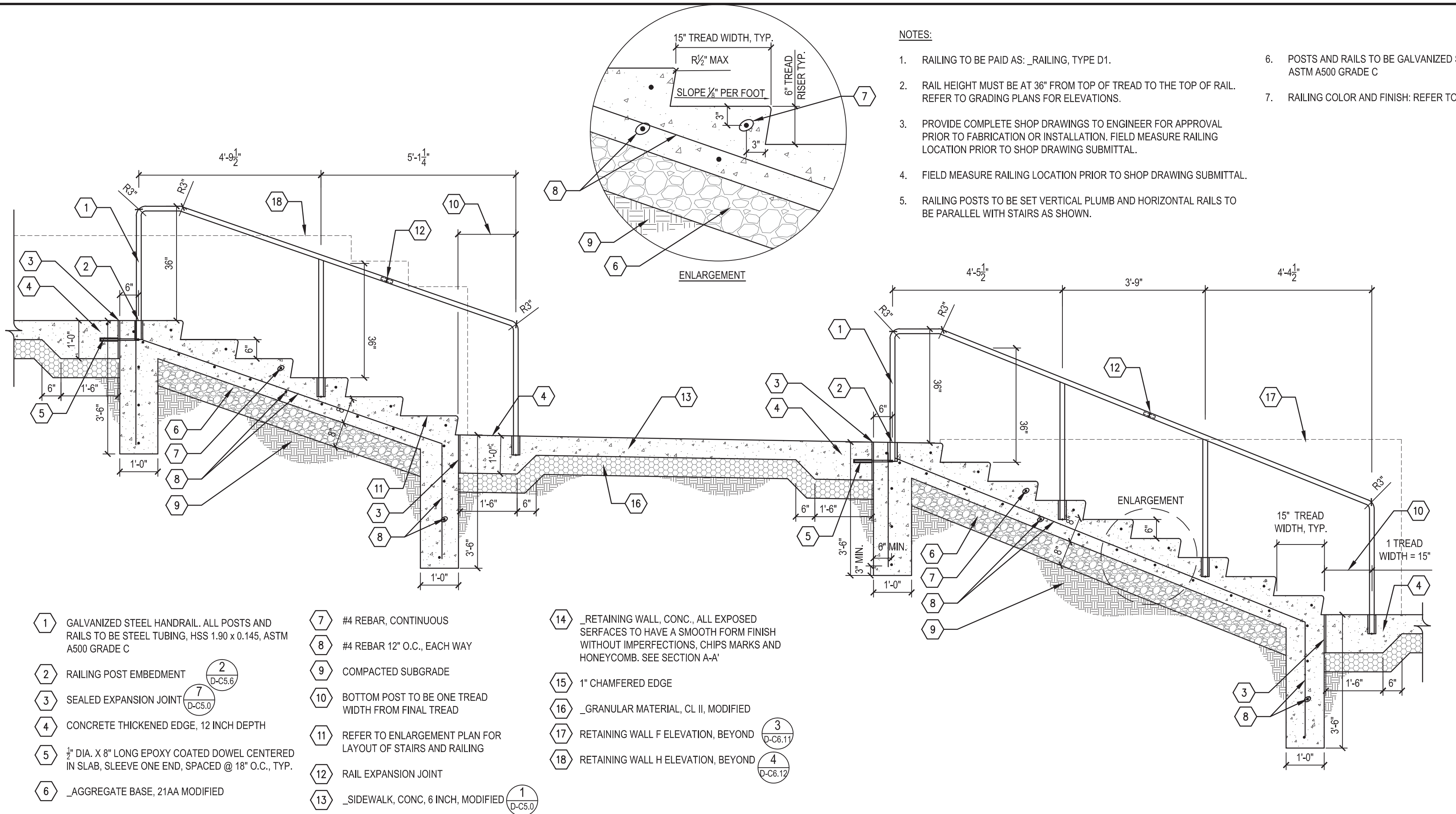
D-C5.5

DRAWING NUMBER

55 of 497



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171



1 STAIR PROFILE 1 (NORTH SECTION)
SECTION

1/2" = 1'-0"

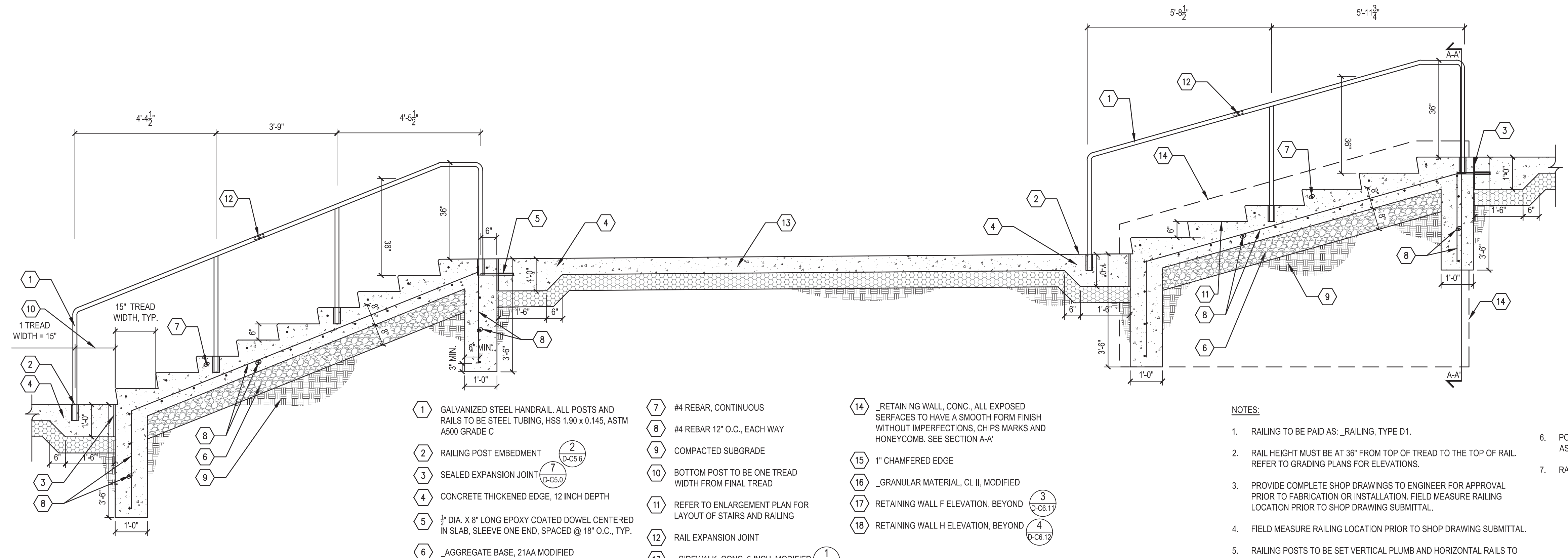
- NOTES:
1. RAILING TO BE PAID AS: _RAILING, TYPE D1.
 2. RAIL HEIGHT MUST BE AT 36" FROM TOP OF TREAD TO THE TOP OF RAIL. REFER TO GRADING PLANS FOR ELEVATIONS.
 3. PROVIDE COMPLETE SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
 4. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
 5. RAILING POSTS TO BE SET VERTICAL PLUMB AND HORIZONTAL RAILS TO BE PARALLEL WITH STAIRS AS SHOWN.
 6. POSTS AND RAILS TO BE GALVANIZED STEEL TUBING HSS 1.90 x 0.145, ASTM A500 GRADE C
 7. RAILING COLOR AND FINISH: REFER TO SPECIAL PROVISIONS FOR RAILING

- 1 GALVANIZED STEEL HANDRAIL. ALL POSTS AND RAILS TO BE STEEL TUBING, HSS 1.90 x 0.145, ASTM A500 GRADE C
- 2 RAILING POST EMBEDMENT
- 3 SEALED EXPANSION JOINT
- 4 CONCRETE THICKENED EDGE, 12 INCH DEPTH
- 5 3/8" DIA. X 8" LONG EPOXY COATED DOWEL CENTERED IN SLAB, SLEEVE ONE END, SPACED @ 18" O.C., TYP.
- 6 _AGGREGATE BASE, 21AA MODIFIED
- 7 #4 REBAR, CONTINUOUS
- 8 #4 REBAR 12" O.C., EACH WAY
- 9 COMPACTED SUBGRADE
- 10 BOTTOM POST TO BE ONE TREAD WIDTH FROM FINAL TREAD
- 11 REFER TO ENLARGEMENT PLAN FOR LAYOUT OF STAIRS AND RAILING
- 12 RAIL EXPANSION JOINT
- 13 _SIDEWALK, CONC. 6 INCH, MODIFIED
- 14 _RETAINING WALL, CONC. ALL EXPOSED SERFACES TO HAVE A SMOOTH FORM FINISH WITHOUT IMPERFECTIONS, CHIPS MARKS AND HONEYCOMB. SEE SECTION A-A'
- 15 1" CHAMFERED EDGE
- 16 _GRANULAR MATERIAL, CL II, MODIFIED
- 17 RETAINING WALL F ELEVATION, BEYOND
- 18 RETAINING WALL H ELEVATION, BEYOND

2 RAILING POST EMBEDMENT
PROFILE

1" = 2'-0"

- 1 RAILING POST
- 2 EMBED POST MINIMUM 6" INTO CONCRETE WITH NON-SHRINK GROUT
- 3 CONCRETE

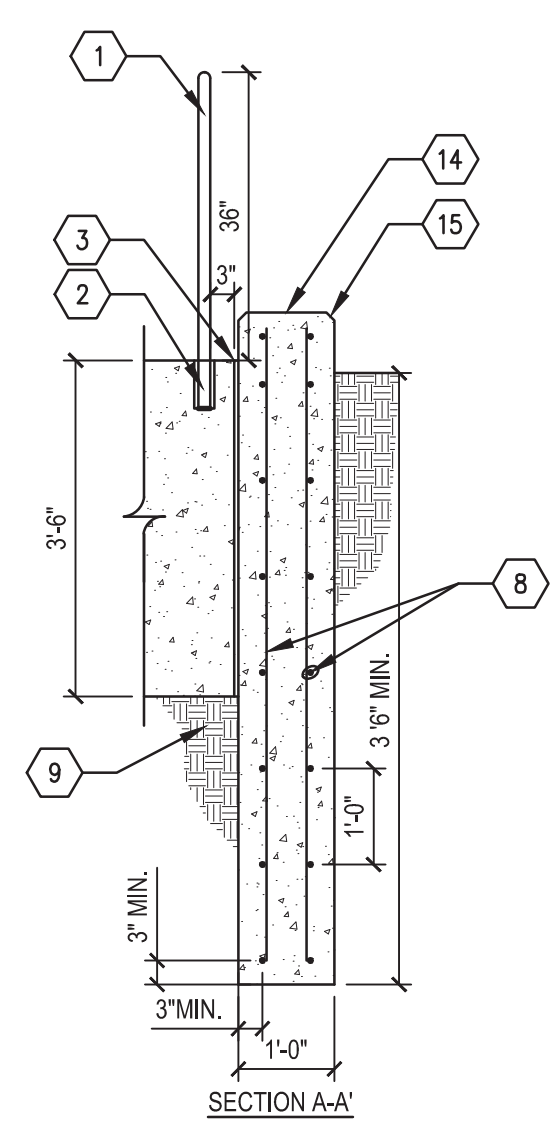


3 STAIR PROFILE 2 (SOUTH SECTION)
PROFILE AND SECTION

1/2" = 1'-0"

- NOTES:
1. RAILING TO BE PAID AS: _RAILING, TYPE D1.
 2. RAIL HEIGHT MUST BE AT 36" FROM TOP OF TREAD TO THE TOP OF RAIL. REFER TO GRADING PLANS FOR ELEVATIONS.
 3. PROVIDE COMPLETE SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
 4. FIELD MEASURE RAILING LOCATION PRIOR TO SHOP DRAWING SUBMITTAL.
 5. RAILING POSTS TO BE SET VERTICAL PLUMB AND HORIZONTAL RAILS TO BE PARALLEL WITH STAIRS AS SHOWN.
 6. POSTS AND RAILS TO BE GALVANIZED STEEL TUBING HSS 1.90 x 0.145, ASTM A500 GRADE C
 7. RAILING COLOR AND FINISH: REFER TO SPECIAL PROVISIONS FOR RAILING

- 1 GALVANIZED STEEL HANDRAIL. ALL POSTS AND RAILS TO BE STEEL TUBING, HSS 1.90 x 0.145, ASTM A500 GRADE C
- 2 RAILING POST EMBEDMENT
- 3 SEALED EXPANSION JOINT
- 4 CONCRETE THICKENED EDGE, 12 INCH DEPTH
- 5 3/8" DIA. X 8" LONG EPOXY COATED DOWEL CENTERED IN SLAB, SLEEVE ONE END, SPACED @ 18" O.C., TYP.
- 6 _AGGREGATE BASE, 21AA MODIFIED
- 7 #4 REBAR, CONTINUOUS
- 8 #4 REBAR 12" O.C., EACH WAY
- 9 COMPACTED SUBGRADE
- 10 BOTTOM POST TO BE ONE TREAD WIDTH FROM FINAL TREAD
- 11 REFER TO ENLARGEMENT PLAN FOR LAYOUT OF STAIRS AND RAILING
- 12 RAIL EXPANSION JOINT
- 13 _SIDEWALK, CONC. 6 INCH, MODIFIED
- 14 _RETAINING WALL, CONC. ALL EXPOSED SERFACES TO HAVE A SMOOTH FORM FINISH WITHOUT IMPERFECTIONS, CHIPS MARKS AND HONEYCOMB. SEE SECTION A-A'
- 15 1" CHAMFERED EDGE
- 16 _GRANULAR MATERIAL, CL II, MODIFIED
- 17 RETAINING WALL F ELEVATION, BEYOND
- 18 RETAINING WALL H ELEVATION, BEYOND



SECTION A-A'

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



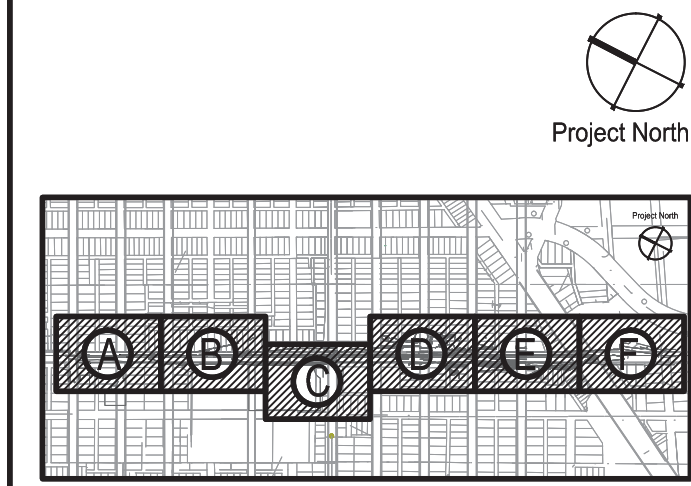
SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
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www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE WILKINS STAIR DETAILS

GRAPHIC SCALE TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
PROJECT NUMBER
D-C5.6

DRAWING NUMBER
56 of 497

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



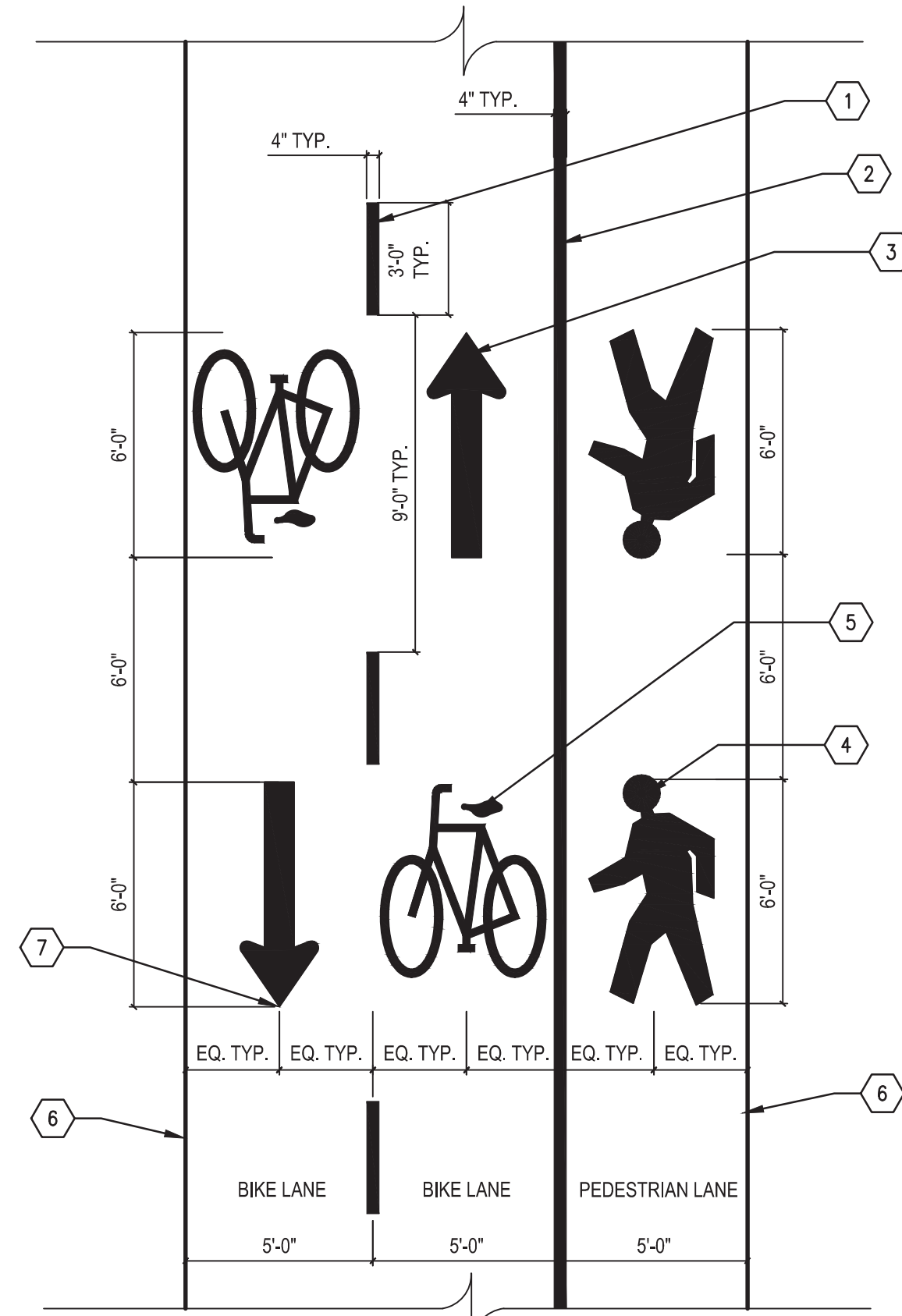
City of Detroit



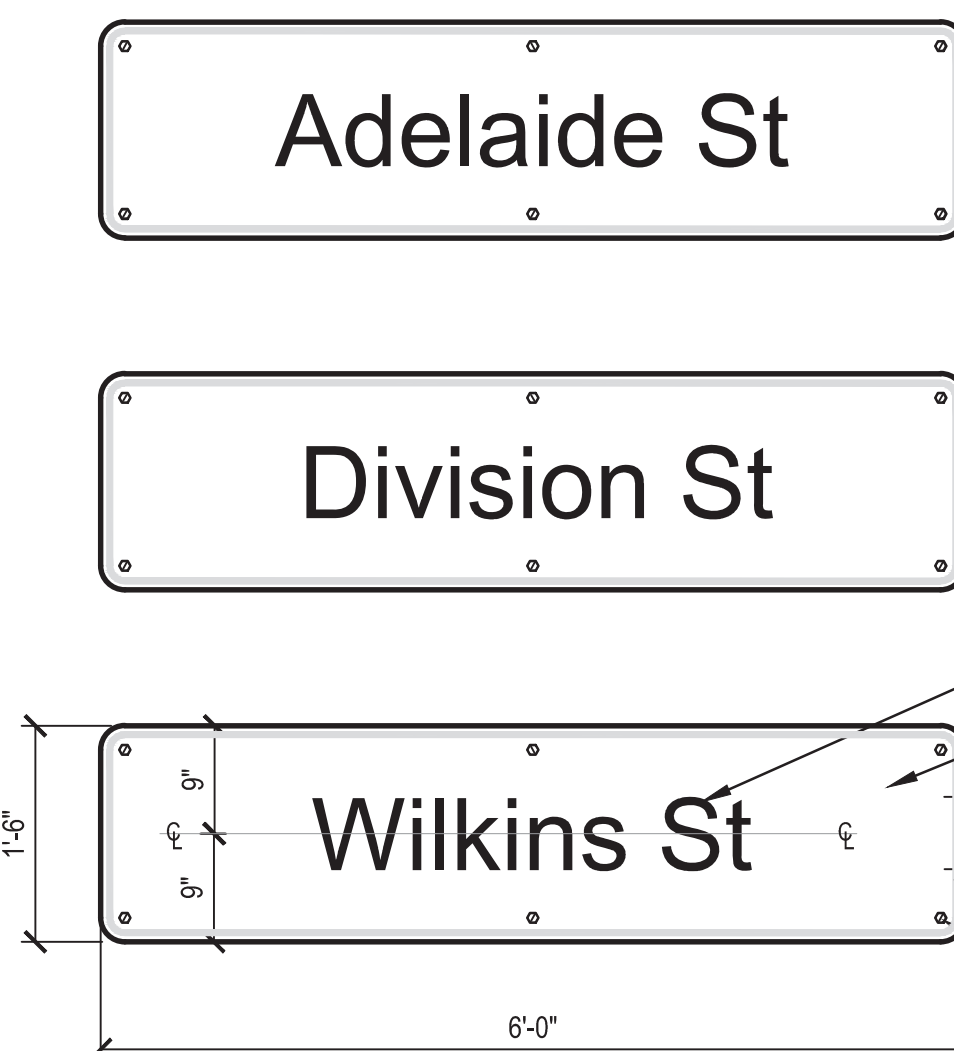
Economic Development Corporation of the City of Detroit

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- 1 PAVT MRKG, SPRAYABLE, THERMOPL, 4 INCH YELLOW, DASHED
- 2 PAVT MRKG, SPRAYABLE, THERMOPL, 4 INCH WHITE, SOLID
- 3 PAVT MRKG, OVLY COLD PLASTIC, THRU ARROW SYM
- 4 PAVT MRKG, OVLY COLD PLASTIC, PED SYM
- 5 PAVT MRKG, OVLY COLD PLASTIC, BIKE
- 6 EDGE OF SHARED USE PATH
- 7 STATIONING AND OFFSET POINT OF BEGINNING SHOWN ON SIGNAGE AND STRIPING PLANS



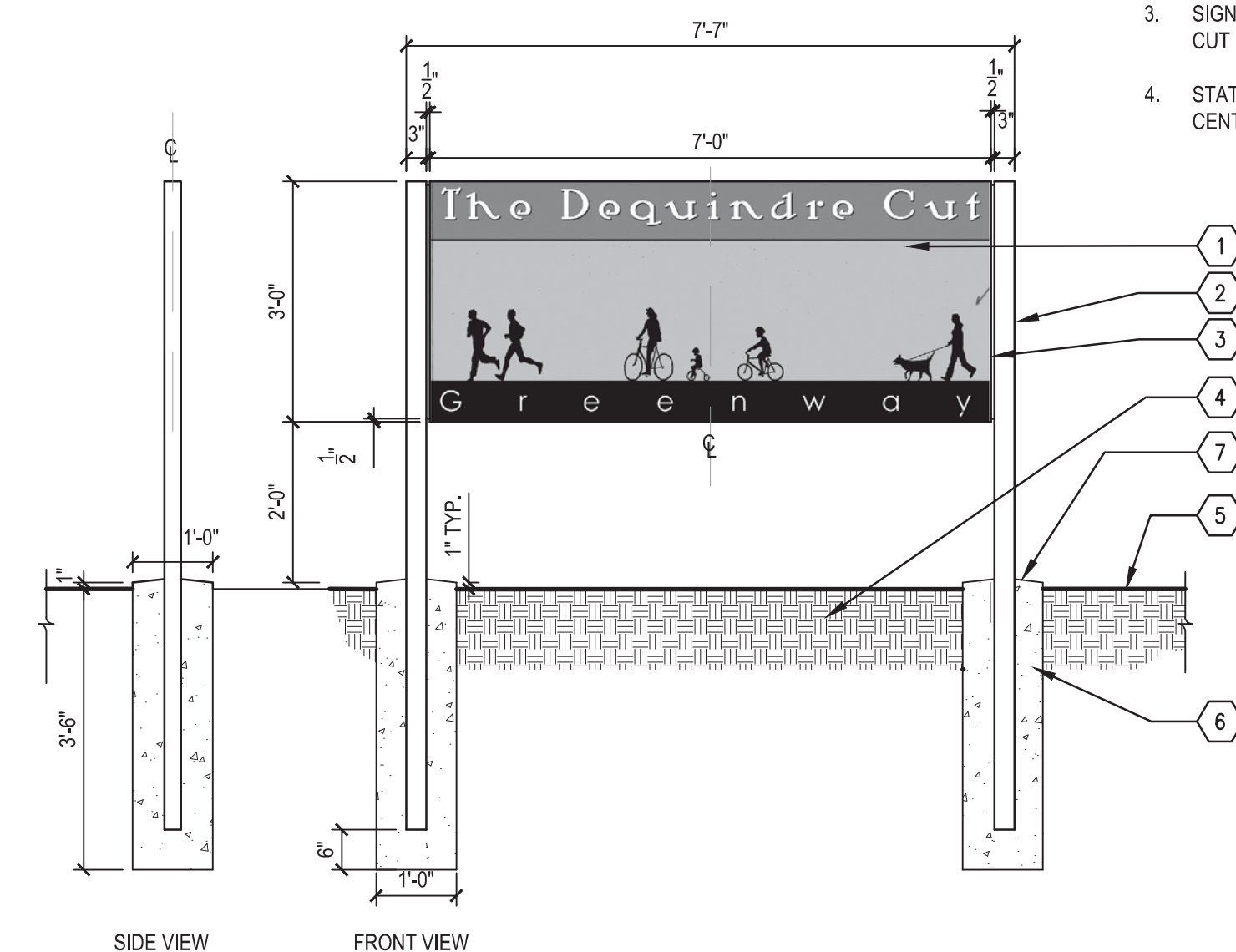
NOTES:

1. CENTER SIGN PANEL ON BRIDGE ABUTMENT TYP. ALL LOCATIONS. FIELD VERIFY PLACEMENT WITH ENGINEER PRIOR TO INSTALLATION.
2. SIGNAGE TO BE PAID AS "SIGN, BRIDGE MOUNTED" SEE SHEETS D-C4.3 - D-C4.6 FOR LOCATIONS. FILED VERIFY LOCATIONS WITH ENGINEER PRIOR TO INSTALLATION. ONE SIGN TO BE INSTALLED ON EACH SIDE OF BRIDGE.
3. FONT TO BE FWHA FONT, 6" IN HEIGHT.
4. SIGN MATERIAL AND CONNECTION HARDWARE SHALL COMPLY WITH MDOT AND MMUTCD.

- 1 WHITE, REFLECTORIZED LETTERS TYP.
- 2 GALVANIZED TAMPERPROOF CONCRETE ANCHORS PER MDOT AND MMUTCD REQUIREMENTS, 1/2" X 4", TYP.
- 3 SIGN COLOR TO BE GREEN, TYP.
- 4 WHITE, REFLECTORIZED BORDER TYP.

NOTE:

1. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.
2. DIGITAL PDF GRAPHIC FILE TO BE PROVIDED TO CONTRACTOR FOR REFERENCE.
3. SIGN MATERIALS TO MATCH DEQUINDRE CUT PHASE I ENTRANCE SIGNS.
4. STATION OFFSET POINT IS AT THE CENTERLINE OF THE SIGN



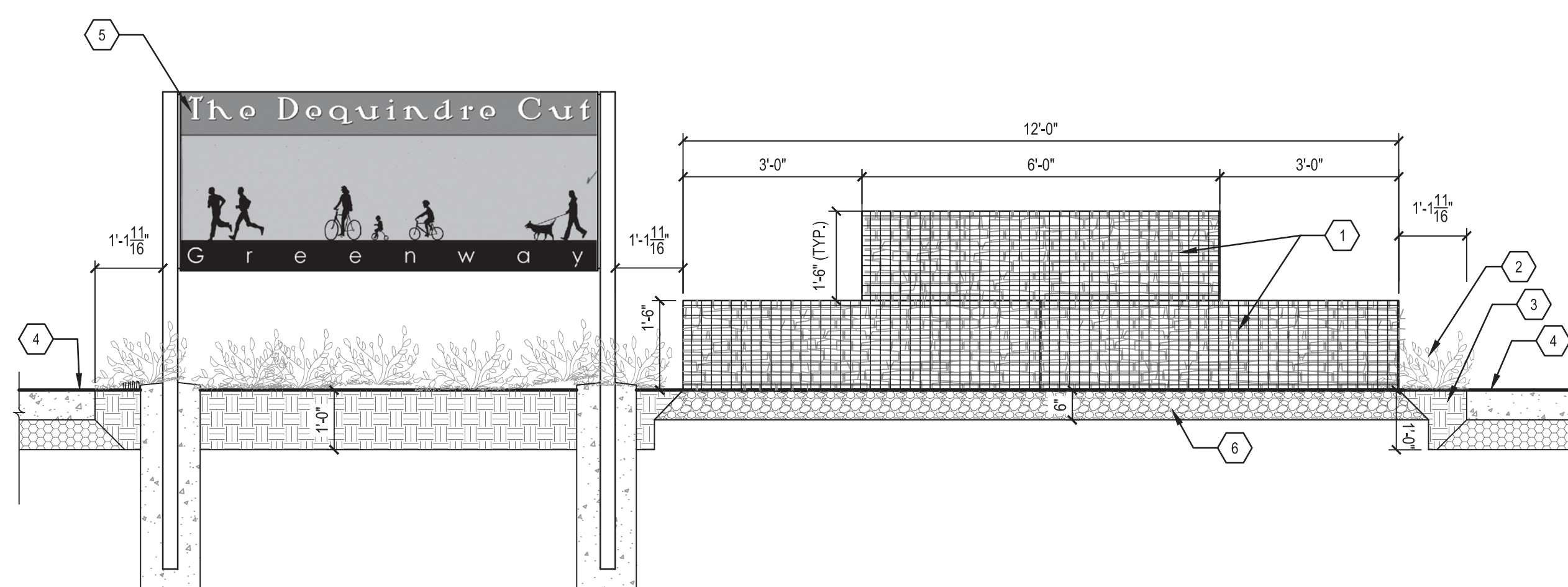
- 1 ALUMINUM BOX SIGN PANEL W/VINYL GRAPHICS.
- 2 3" SQ. ALUMINUM POST
- 3 1/2" REVEAL
- 4 LANDSCAPE BED (REFER TO LANDSCAPE PLANS)
- 5 FINISH GRADE
- 6 CAST IN PLACE CONCRETE FOOTING
- 7 SET THE TOP OF THE FOUNDATION AT OUTER EDGE 1" ABOVE THE SURROUNDING GRADE AND SLOPE FOUNDATION TO DRAIN. THE EXPOSED PORTION OF THE FOUNDATION SHALL BE CLEAN, SMOOTH, CONSISTENT FINISH EQUALLY SLOPED FROM THE CENTER AT THE POST TO THE OUTSIDE EDGES OF THE FOUNDATION

NOTES:
1. ALL PAYMENT MARKING SYMBOLS SHALL MATCH AASHTO GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES (1999) AND THE MICHIGAN UNIFORM TRAFFIC CONTROL DEVICES (2009) STANDARDS.

1 PAVT MRKG, OVLY COLD PLASTIC - SYMBOL TYPE 1, 2 AND 3
PLAN 1/4" = 1'-0"

2 SIGN, BRIDGE MOUNTED
ELEVATION 3/4" = 1'-0"

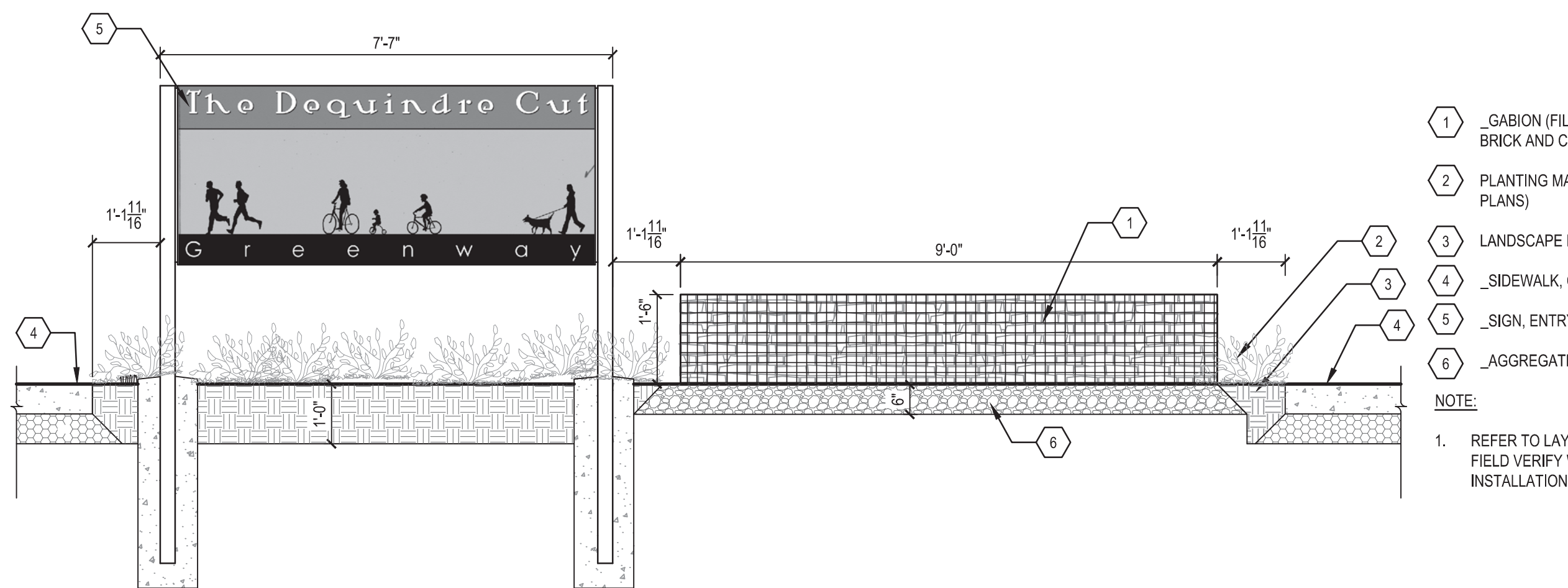
3 SIGN, ENTRY
SECTION AND ELEVATION 1/2" = 1'-0"



- 1 GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)
- 2 PLANTING MATERIAL (REFER TO LANDSCAPE PLANS)
- 3 LANDSCAPE BED WITH 12" PLANTING MIX
- 4 SIDEWALK, CONC, 6 INCH, MODIFIED
- 5 SIGN, ENTRY (SEE DETAIL)
- 6 AGGREGATE BASE, 21AA

NOTE:
1. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.

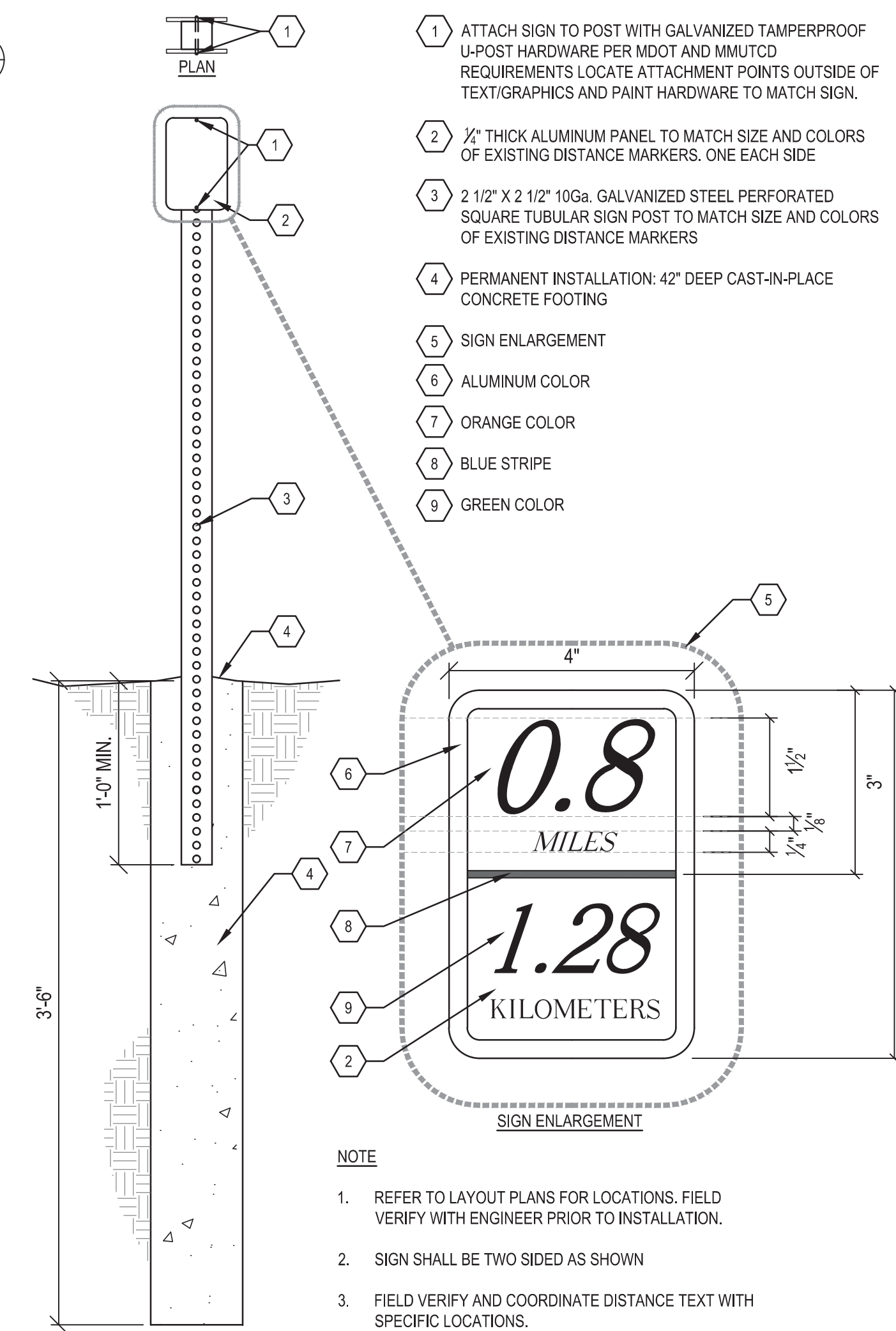
4 MACK AVENUE ENTRANCE ELEVATION
ELEVATION 1/2" = 1'-0"



- 1 GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE)
- 2 PLANTING MATERIAL (REFER TO LANDSCAPE PLANS)
- 3 LANDSCAPE BED WITH 12" PLANTING MIX
- 4 SIDEWALK, CONC, 6 INCH, MODIFIED
- 5 SIGN, ENTRY (SEE DETAIL)
- 6 AGGREGATE BASE, 21AA

NOTE:
1. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.

5 WILKINS STREET ENTRANCE ELEVATION
ELEVATION 1/2" = 1'-0"

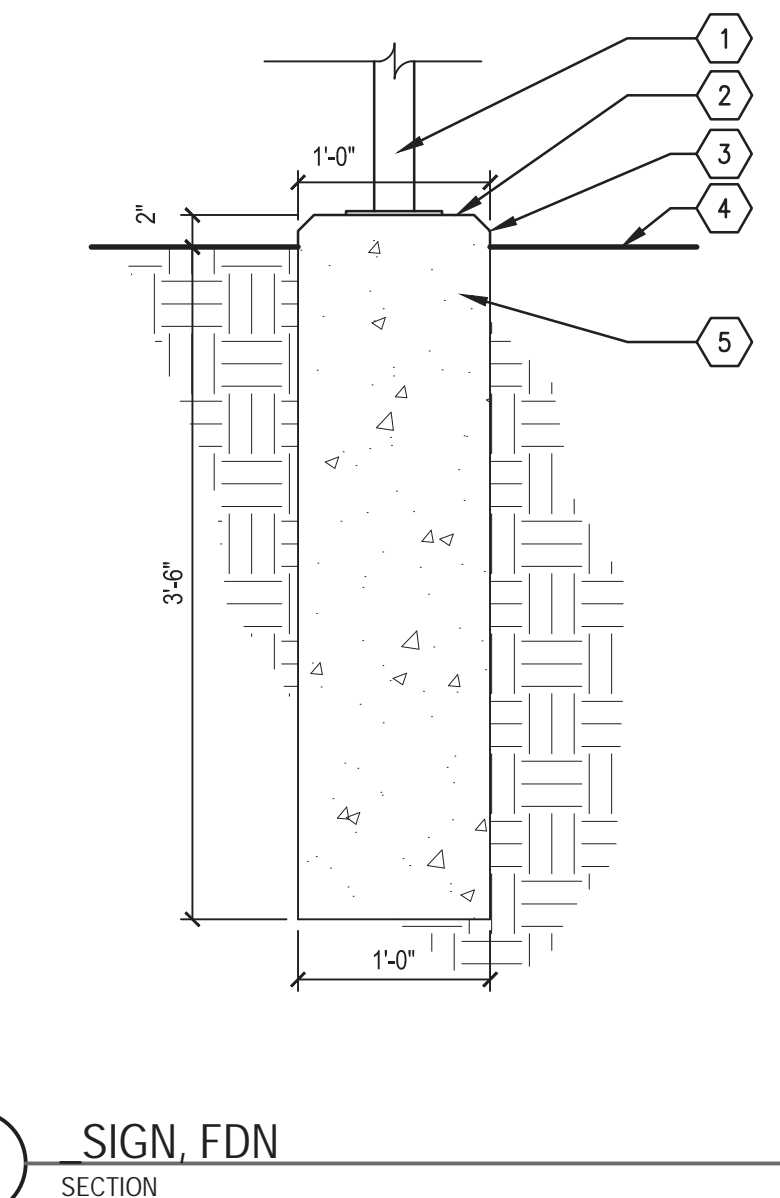


- 1 ATTACH SIGN TO POST WITH GALVANIZED TAMPERPROOF U-POST HARDWARE PER MDOT AND MMUTCD REQUIREMENTS LOCATE ATTACHMENT POINTS OUTSIDE OF TEXT/GRAPHICS AND PAINT HARDWARE TO MATCH SIGN.
- 2 1/2" THICK ALUMINUM PANEL TO MATCH SIZE AND COLORS OF EXISTING DISTANCE MARKERS. ONE EACH SIDE
- 3 2 1/2" X 2 1/2" 10Ga. GALVANIZED STEEL PERFORATED SQUARE TUBULAR SIGN POST TO MATCH SIZE AND COLORS OF EXISTING DISTANCE MARKERS
- 4 PERMANENT INSTALLATION: 42" DEEP CAST-IN-PLACE CONCRETE FOOTING
- 5 SIGN ENLARGEMENT
- 6 ALUMINUM COLOR
- 7 ORANGE COLOR
- 8 BLUE STRIPE
- 9 GREEN COLOR

NOTE:
1. REFER TO LAYOUT PLANS FOR LOCATIONS. FIELD VERIFY WITH ENGINEER PRIOR TO INSTALLATION.
2. SIGN SHALL BE TWO SIDED AS SHOWN
3. FIELD VERIFY AND COORDINATE DISTANCE TEXT WITH SPECIFIC LOCATIONS.

6 SIGN, MILEAGE MARKER
SECTION NTS

- 1 FUTURE SIGN POST (BY OTHERS)
- 2 SET THE TOP OF THE FOUNDATION AT OUTER EDGE 2" ABOVE THE SURROUNDING GRADE AND SLOPE FOUNDATION TO DRAIN. THE EXPOSED PORTION OF THE FOUNDATION SHALL BE CLEAN, SMOOTH, CONSISTENT FINISH EQUALLY SLOPED FROM THE CENTER AT THE POST TO THE OUTSIDE EDGES OF THE FOUNDATION. TOP OF CONCRETE TO BE SMOOTH FINISH TO ALLOW FOR FUTURE STEEL PLATE AND ANCHOR BOLT ATTACHMENT
- 3 1" CHAMFER
- 4 FINISH GRADE
- 5 CAST IN PLACE CONCRETE FOOTING, FOR FUTURE CODE OF CONDUCT SIGNS (BY OTHERS), INSTALL (2) CONCRETE FOUNDATIONS AT 3'-6" O.C., CONFIRM SPACING AND LOCATION PRIOR TO INSTALLATION WITH ENGINEER

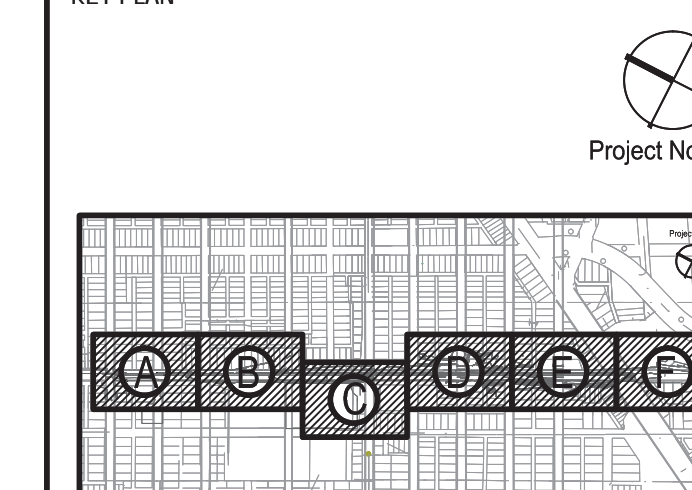


7 SIGN, FDN
SECTION 1" = 1'-0"

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
SIGNAGE AND STRIPING
DETAILS

GRAPHIC SCALE AS NOTED
FULL SIZE SCALE (24x36)

PROJECT NUMBER 50572.000

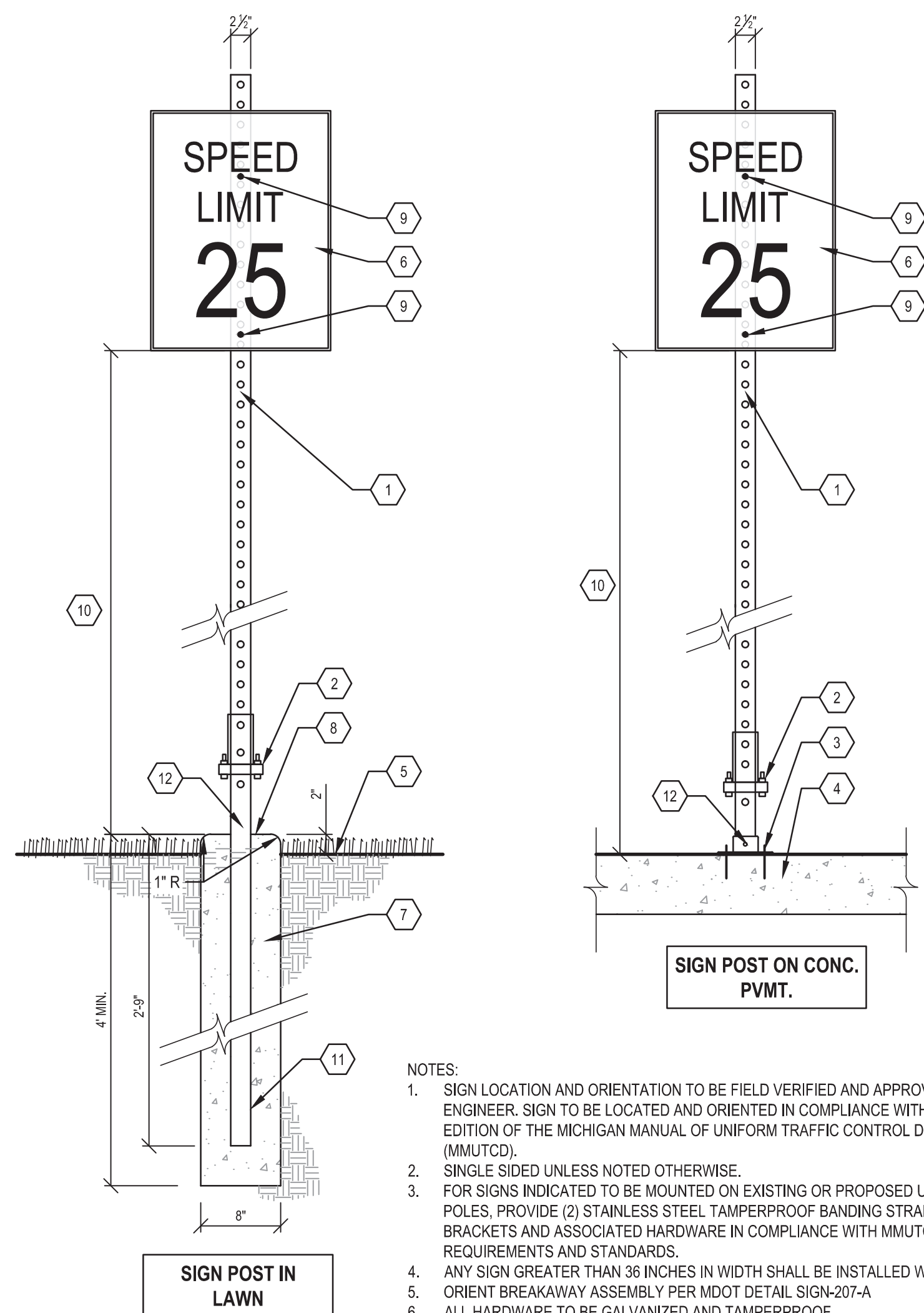
DRAWING NUMBER D-C5.7



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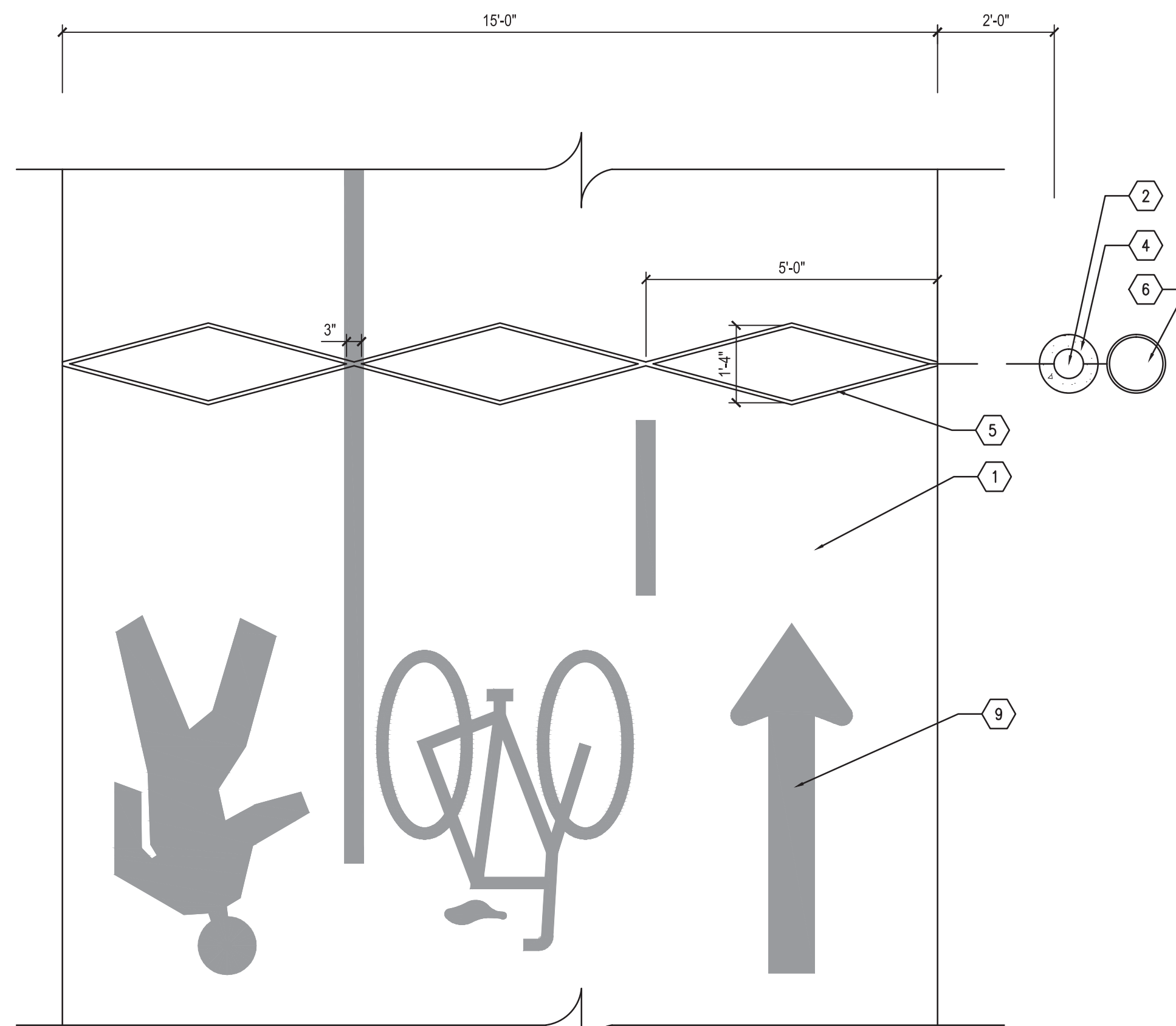


NOTES:

- SIGN LOCATION AND ORIENTATION TO BE FIELD VERIFIED AND APPROVED BY ENGINEER. SIGN TO BE LOCATED AND ORIENTED IN COMPLIANCE WITH THE LATEST EDITION OF THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD).
- SINGLE SIDED UNLESS NOTED OTHERWISE.
- FOR SIGNS INDICATED TO BE MOUNTED ON EXISTING OR PROPOSED UTILITY/LIGHT POLES, PROVIDE (2) STAINLESS STEEL TAMPERPROOF BANDING STRAPS WITH BRACKETS AND ASSOCIATED HARDWARE IN COMPLIANCE WITH MMUTCD, AND MDOT REQUIREMENTS AND STANDARDS.
- ANY SIGN GREATER THAN 36 INCHES IN WIDTH SHALL BE INSTALLED WITH 2 POSTS.
- ORIENT BREAKAWAY ASSEMBLY PER MDOT DETAIL SIGN-207-A
- ALL HARDWARE TO BE GALVANIZED AND TAMPERPROOF.

- 2 1/2" X 2 1/2" 16ga. GALVANIZED STEEL PERFORATED SQUARE TUBULAR SIGN POST. (PERFORATIONS TO BE 1/4" DIA) HEIGHT AS REQUIRED TO ACCOMMODATE MOUNTING HEIGHT AND SIGN SIZE. POST PER MDOT DETAIL SIGN-207-A.
- BREAKAWAY ASSEMBLY PER MDOT DETAIL SIGN-207-A.
- ANCHOR BREAKAWAY ASSEMBLY TO CONCRETE PAVEMENT WITH 3/4" GALVANIZED ANCHOR BOLTS WITH MIN. 4" EMBEDMENT (4 PER POST) PER MDOT REQUIREMENTS.
- CONCRETE PAVEMENT
- FINISH GRADE
- TRAFFIC SIGN - SIGN GRAPHICS, TEXT, COLORS, AND SIZE AS INDICATED ON SIGNAGE PLANS. TRAFFIC SIGN TO MATCH EXISTING SIGN WHERE APPLICABLE WHEN USED AS A REPLACEMENT. TRAFFIC SIGN SHALL BE IN ACCORDANCE THE LATEST EDITION OF THE MICHIGAN MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MMUTCD).
- CONCRETE FOOTING - CONCRETE FOR BREAKAWAY COLUMN FOOTINGS MUST BE GRADE M AS SPECIFIED IN SECTION 601 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. CONCRETE SHALL BE USED AND PLACED AGAINST UNDISTURBED SOIL IN AN AUGURED HOLE. THE STEEL ANCHOR SHALL BE HELD IN CORRECT POSITION WITH A TEMPLATE UNTIL THE CONCRETE HAS PROPERLY SET.
- TOP OF FOUNDATION TO BE SMOOTH AND CONSISTENT FINISH WITHOUT IRREGULARITIES. SLOPE TOP OF FOUNDATION EVENLY FROM THE POST AT THE CENTER TO THE OUTSIDE EDGES FOR DRAINAGE.
- ATTACH SIGN TO POST WITH GALVANIZED TAMPERPROOF U-POST HARDWARE PER MDOT AND MMUTCD REQUIREMENTS LOCATE ATTACHMENT POINTS OUTSIDE OF TEXT/GRAPHICS AND PAINT HARDWARE TO MATCH SIGN.
- MIN. 7'-0" FOR SINGLE SIGN, IF SUPPLEMENTARY SIGN IS MOUNTED BELOW, MINIMUM OF 8'-0" TO BOTTOM OF HIGHER SIGN, 5'-0" TO BOTTOM OF LOWER SIGN.
- 3"X3"X7 ga. GALVANIZED STEEL TUBULAR INSERT ANCHOR FOR CONCRETE FOOTINGS PER MDOT DETAIL SIGN-207-A.
- STATION OFFSET POINT SHOWN ON LAYOUT PLANS AT CENTER OF POST

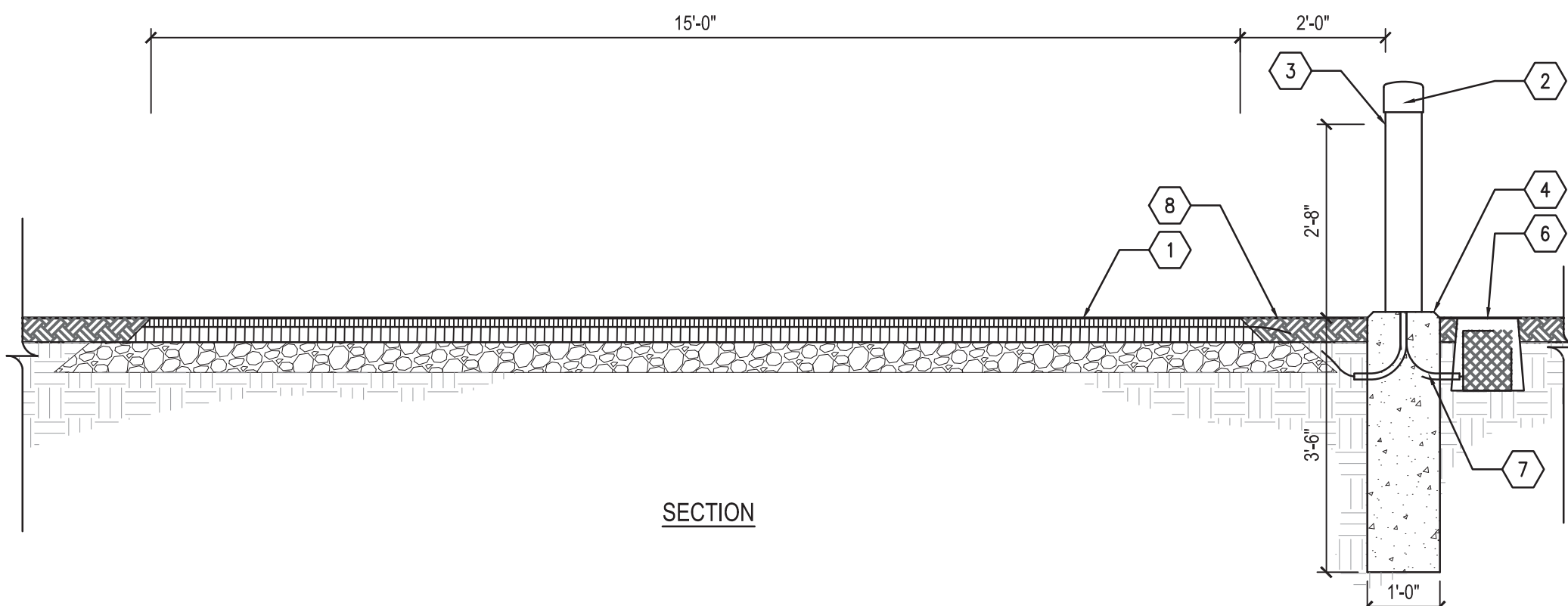
1 SIGN AND POST, MODIFIED
ELEVATION NTS



- SHARED USE PATH (D-C5.0)
- GALVANIZED STEEL POST (2'-4" HEIGHT x Ø 5 1/2") WITH PVC CAP. INFRARED SENSOR CONTAINED INSIDE POST. POST BOLTED TO CONCRETE FOUNDATION. COLOR TO BE GREY.
- HEIGHT OF INFRARED SENSOR TO FINISHED GRADE
- CAST IN PLACE CONCRETE FOOTING SET THE TOP OF THE FOUNDATION AT OUTER EDGE 1" ABOVE THE SURROUNDING GRADE AND SLOPE FOUNDATION TO DRAIN. THE EXPOSED PORTION OF THE FOUNDATION SHALL BE CLEAN, SMOOTH, CONSISTENT FINISH EQUALLY SLOPED FROM THE CENTER AT THE POST TO THE OUTSIDE EDGES OF THE FOUNDATION (D-C5.7)
- EPOXY COATED INDUCTIVE LOOPS (3) PLACED UNDER THE FINISHED COURSE OF ASPHALT PAVEMENT.
- LOCKING HANDHOLE FOR BATTERY AND LOGGER/COUNTER BOX, TOP SET FLUSH WITH FINISHED GRADE
- 1" PVC ELECTRICAL CONDUIT
- FINISHED GRADE
- PAVT MRKG, OVLY COLD PLASTIC - SYMBOL TYPE 1. 2 AND 3 REFER TO SIGNAGE AND STRIPING DRAWINGS

NOTE:

- _MULTI MODAL USER COUNTER MUST SIMULTANEOUSLY COUNT BICYCLE USERS AND PEDESTRIANS.
- _MULTI MODAL USER COUNTER MUST BE WATER PROOF AND BATTERY POWERED WITH A MINIMUM OF A 2 YEAR LIFE ON THE BATTERY.
- _MULTI MODAL USER COUNTER MUST BE ABLE TO DETECT AND RECORD IN AND OUT MOVEMENTS OF INDIVIDUALS.
- _MULTI MODAL USER COUNTER MUST HAVE DATA STORAGE FOR UP TO 2 YEARS.
- INSTALL _MULTI MODAL USER COUNTER PER MANUFACTURES RECOMMENDATIONS.



2 MULTI MODAL USER COUNTER
PLAN AND SECTION 1/2" = 1'-0"

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



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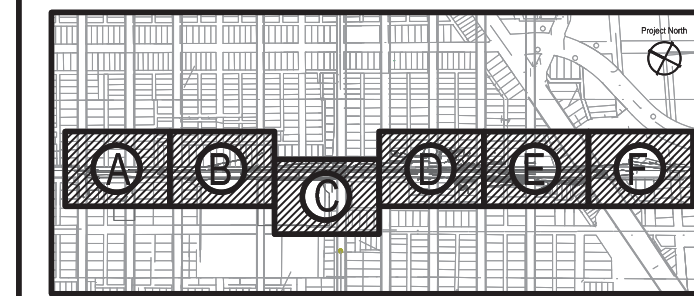
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SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
SIGNAGE AND STRIPING
DETAILS

GRAPHIC SCALE AS NOTED
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
50572.000

PROJECT NUMBER
D-C5.8
DRAWING NUMBER
58 of 497



3 WORKING DAYS
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GENERAL NOTES

THE CONTRACTOR IS REQUIRED TO PROVIDE THE ENGINEERING, MATERIALS, EQUIPMENT, FABRICATION, TOOLS, LABOR AND INSTALLATION OF THE CANOPY STRUCTURE INCLUDING ALL ANCHORAGES, FOUNDATIONS, STRUCTURAL SUPPORTS, FABRIC, RIGGING AND FINISHES.

THE ENCLOSED CANOPY STRUCTURE DETAILS ARE PROVIDED TO FORM THE BASIS OF DESIGN AND ARE PROVIDED TO ILLUSTRATE THE AESTHETIC, PERFORMANCE, AND FUNCTIONAL CHARACTERISTICS ONLY. THE DIMENSIONS SHOWN ARE PROVIDED TO QUANTIFY THE FORM AND SCALE OF THE CANOPY STRUCTURE. THE DIMENSIONS PROVIDED DO NOT INDICATE THE PRECISE SIZES OF MEMBERS OR ASSEMBLIES. THE OVERALL CANOPY AREA AND HEIGHTS SHOWN SHALL BE PROVIDED AS SHOWN UNLESS APPROVED OTHERWISE BY THE ENGINEER.

THE CONTRACTOR SHALL ENGAGE A MICHIGAN REGISTERED ENGINEER TO COMPLETE ENGINEERING DOCUMENTS INCLUDING CONSTRUCTION DRAWINGS, SPECIFICATIONS, STRUCTURAL CALCULATIONS, AND ALL OTHER REQUIRED COMPONENTS IN ORDER TO PROVIDE A COMPLETE AND OPERATIONAL CANOPY STRUCTURE. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE THE DESIGN MODIFICATIONS INCLUDING STRUCTURAL REVISIONS THAT MAY BE REQUIRED. THE MICHIGAN REGISTERED ENGINEER IS REQUIRED TO SIGN AND SEAL THE PLAN AND SPECIFICATION DOCUMENTS. THE MICHIGAN REGISTERED ENGINEER SHALL BE CONVERSANT WITH THE DESIGN OF TENSILE CANOPY STRUCTURES, SYSTEMS, FOUNDATIONS, ETC.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL WORK WITH THE CANOPY STRUCTURE MEETS ALL APPLICABLE CODES, LAWS AND REGULATIONS. THE DESIGN LOADS SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE.

PROVIDE COMPLETE DRAWINGS AND DETAILS TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH CONSTRUCTION TO ENSURE THAT THE AESTHETIC EXPECTATIONS AND REQUIREMENTS ARE SATISFIED. AS PART OF THE BID THE CONTRACTOR SHALL SUBMIT THE NAME OF THE MICHIGAN REGISTERED ENGINEER AND THE CANOPY SYSTEM SUPPLIER WITH EVIDENCE OF EXPERIENCE OF PAST PERFORMANCE OF SIMILAR PROJECTS.

DESIGN LOADS

BUILDING CODE	IBC 2009
LIVE LOADS	5PSF
SNOW LOAD	20 PSF
WIND LOADS	90 MPH (3-SEC GUST)
SITE CONDITIONS	EXPOSURE: C

SITE CONDITIONS

REFER TO THE SOIL BORING INFORMATION FOR THE DEQUINDRE CUT GREENWAY PHASE II AS REPORTED BY SOMAT ENGINEERING, INC. FOR EXISTING SOIL CONDITIONS. INCORPORATE THE INFORMATION AND RECOMMENDATIONS OF THESE REPORTS INTO THE CANOPY STRUCTURE AND FOUNDATION DESIGN AND ENGINEERING. THE CONTRACTOR IS RESPONSIBLE FOR AND SHALL TAKE ALL NECESSARY STEPS TO ADDRESS THE ACTUAL FIELD AND SOIL CONDITIONS. IF REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ADDITIONAL GEOTECHNICAL ANALYSIS IF REQUIRED FOR THE COMPLETION OF THE ENGINEERING DOCUMENTS.

STRUCTURAL STEEL

- ALL GALVANIZED STEEL TUBE PRODUCTS SHALL COMPLY WITH ASTM A500. TYPICAL PROPERTIES FOR GALVANIZED TUBE PRODUCTS: 45,000 PSI YIELD STRESS / 48,000 PSI TENSILE STRESS
- ALL STRUCTURAL SHAPES SHALL BE COLD FORMED HSS, ASTM A500 GRADE C, UNLESS OTHERWISE NOTED. TYPICAL PROPERTIES: 45,000 PSI YIELD STRESS / 62,000 PSI TENSILE STRESSES
- ALL PLATES PRODUCTS SHALL COMPLY WITH ASTM A572 GRADE 50.
- ALL STEEL TUBING SHALL BE TRIPLE COATED FOR RUST PROTECTION USING THE IN-LINE ELECTROPLATING COAT PROCESS. TUBING SHALL BE INTERNALLY COATED WITH ZINC AND ORGANIC COATINGS TO PREVENT CORROSION AS MANUFACTURED BY ALLIED TUBE & CONDUIT OR APPROVED EQUAL.
- STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERRECTED IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS. ALL STEEL COMPONENTS SHALL BE GALVANIZED. ALL HARDWARE SHALL BE GALVANIZED OR STAINLESS STEEL.
- ALL SHOP WELDS SHALL BE EXECUTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN WELDING SOCIETY (AWS) D1.1 SPECIFICATIONS. ALL WELDS SHALL BE MADE USING E70XX .045 WIRE.
- ALL SHOP CONNECTIONS SHALL BE WELDED. ALL FIELD CONNECTIONS SHALL BE BOLTED. ALL FILLET WELDS SHALL BE A MINIMUM OF 3/16" UNLESS OTHERWISE NOTED.
- PROVIDE FASTENERS AND HARDWARE OF APPROPRIATE TYPE, MATERIAL AND FINISH TO ACHIEVE APPROPRIATE STRENGTH, SERVICEABILITY, FUNCTION, APPEARANCE, AND LONGEVITY. ALL HARDWARE COMPONENTS ACCESSIBLE TO THE PUBLIC SHALL BE VANDAL RESISTANT.
- ALL HIGH STRENGTH BOLTS SHALL COMPLY WITH SAE J429 GRADE 8 OR ASTM A490 TYPE 1. ALL NUTS SHALL COMPLY WITH ASTM A563DH, AND WASHERS SHALL COMPLY WITH ASTM F438.
- ALL STRUCTURAL STEEL SHALL BE PAINTED WITH ONE SHOP COAT (2.5 TO 3.5 MILS THICK MIN.) OF WEATHER RESISTANT POWDER COATING BASED ON POLYESTER TGIC (MANUFACTURED BY SHERWIN WILLIAMS, TIGER DRYLAC OR APPROVED EQUAL). PROPERLY TREAT, PREPARE AND PRIME GALVANIZED STEEL FOR ACCEPTANCE OF FINISH. POLYESTER POWDER (TGIC) SPECIFICATIONS SHALL BE AS FOLLOWS:
 - PENCIL HARDNESS (ASTM D-3363)
 - HUMIDITY (ASTM D-2247)
 - SOLVENT RESISTANCE (PCI METHOD)- 50 DBL RUBS SL. SOFTNESS

FABRIC SPECIFICATION

THE MEMBRANE USED IN THESE STRUCTURES SHALL BE POLYTETRAFLUOROETHYLENE ("PTFE") COATED WOVEN FIBERGLASS.

THE MEMBRANE SHALL MEET THE FOLLOWING GENERAL REQUIREMENTS:

- SOURCE QUALITY CONTROL: THE PRIMARY MATERIALS SHALL BE OBTAINED FROM A SINGLE MANUFACTURER. SECONDARY MATERIALS SHALL BE THOSE RECOMMENDED BY THE PRIMARY MANUFACTURER.
- PHYSICAL CHARACTERISTICS: THE FOLLOWING INDICATES A RANGE OF PHYSICAL PROPERTY TYPES FOR PTFE ARCHITECTURAL MEMBRANES. THE DETERMINATION OF SPECIFIC CHARACTERISTICS AND SELECTION OF A MEMBRANE SHALL BE DERIVED FROM ANALYSIS AND CALCULATIONS CARRIED OUT BY THE PROFESSIONAL ENGINEER FOR THIS PROJECT.

A. COATED FABRIC WEIGHT (OZ./SQ. YD.)	24 – 45.5 NOM. (ASTM 4851)
B. THICKNESS (MILS) (ASTM 4851)	18 – 36 NOM.
C. STRIP TENSILE (LBS./IN. AVG.)	
I. DRY, WARP (ASTM 4851)	520 MIN. – 975 MIN. AVG.
II. DRY, FILL (ASTM 4851)	380 MIN. – 900 MIN. AVG.
D. TENSILE AFTER FLEXFOLD (LBS./IN. AVG.)	
I. DRY, WARP (ASTM 4851)	375 MIN. – 760 MIN. AVG.
II. DRY, FILL (ASTM 4851)	350 MIN. – 735 MIN. AVG.
E. TRAPEZOIDAL TEAR (LBS. AVG.)	
I. WARP (ASTM 4851)	35 MIN. – 95 MIN. AVG.
II. FILL (ASTM 4851)	5 MIN. – 120 MIN. AVG.
F. SOLAR TRANSMISSION (%) (ASTM 424)	7 – 22 NOM.
G. SOLAR REFLECTANCE (%) (ASTM 424)	70 – 75 NOM.

MATERIALS:

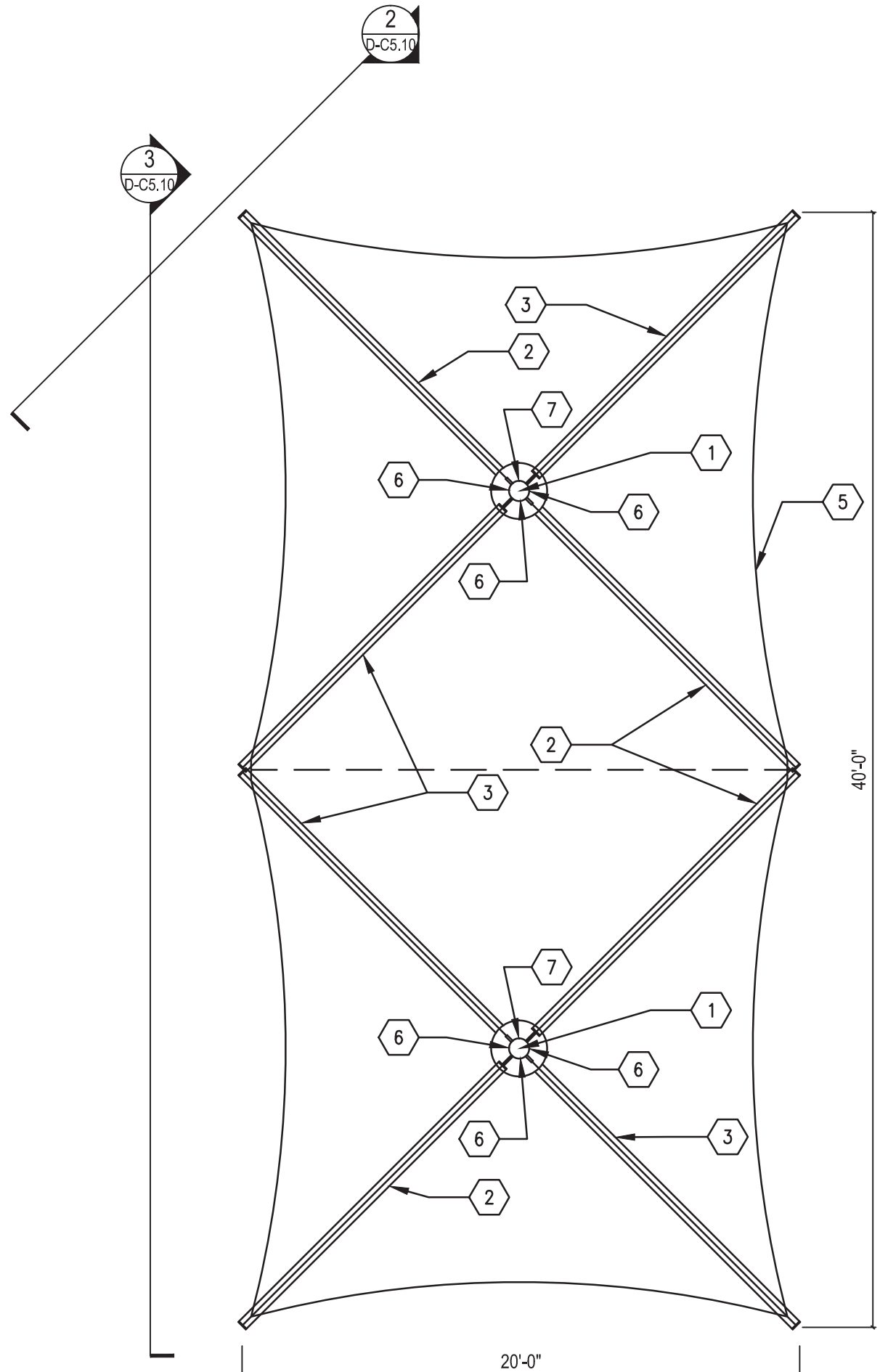
- BASE FABRIC: THE YARNS USED SHALL BE OF THE HIGHEST COMMERCIAL QUALITY, ESSENTIALLY FREE OF BROKEN FIBERS AND FULLY SUITABLE FOR COATING. THE FABRIC SHALL BE WOVEN WITH UNIFORM TENSION AND CRIMP IN THE WARP AND FILL YARNS AND FREE OF DEFECTS DELETERIOUS TO THE COATING PROCESS.
- FLUOROCARBON COATINGS: THE COATING MATERIALS SHALL BE FLUOROCARBON RESINS FORMULATED SPECIFICALLY FOR ARCHITECTURAL APPLICATIONS. THESE MATERIALS SHALL BE APPLIED TO FORM A WEATHERIZED BARRIER BETWEEN THE FIBERGLASS YARNS AND THE ENVIRONMENT. THE BULK OF THE COATING SHALL BE FORMULATED DISPERSIONS OF PTFE FLUOROPOLYMER RESIN AND ADDITIVES TO ENHANCE ABRASION AND TEAR RESISTANCE, IMPART PIGMENTATION OR MODIFY SOLAR TRANSMISSION. THE ADDITIVES SHALL NOT CONSTITUTE MORE THAN 20 PERCENT BY WEIGHT OF THE TOTAL COATING OR 25 PERCENT BY WEIGHT OF ANY INDIVIDUAL LAYER. THE SURFACE SHALL BE TOTALLY A FLUOROETHYLENEPROPYLENE ("FEP") RESIN TO FACILITATE HEAT WELDING.
- AFTER WEAVING, THE BASE FABRIC SHALL BE CLEANED AND PRIMED TO ACHIEVE OPTIMUM MECHANICAL PROPERTIES OF THE COATED MEMBRANE. THE COATING, DESCRIBED ABOVE, SHALL BE VIRTUALLY FREE OF MUD CRACKS AND PINHOLES. THE COATING SHALL BE APPLIED EVENLY TO BOTH SIDES OF THE FABRIC AND THE FEP FLUOROCARBON RESIN TOPCOAT SHALL BE OF SUFFICIENT THICKNESS TO PERMIT PROPER HEAT FUSION OF JOINTS WITH THE RECOMMENDED DIE PRESSURE AND TEMPERATURE.

AIRCRAFT CABLE

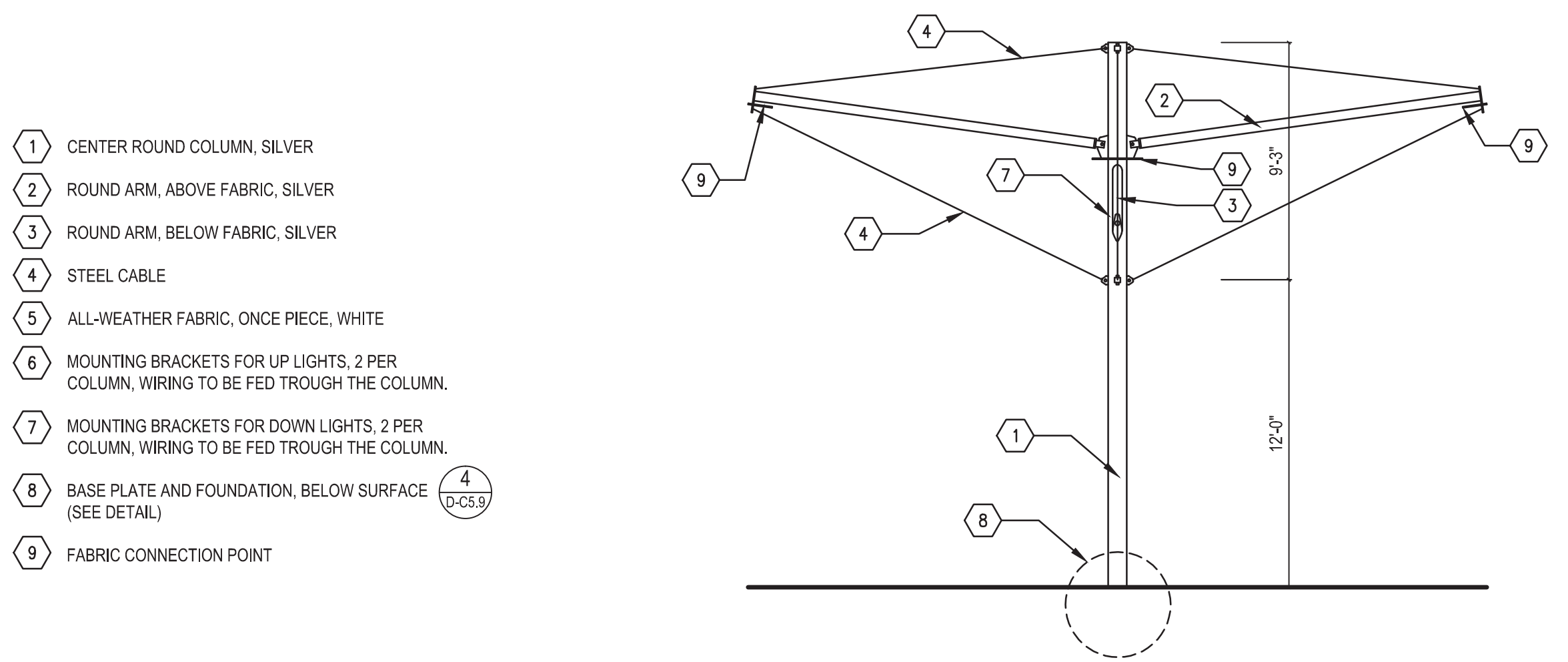
- WIRE ROPE CABLE SHALL BE 7x19 STRAND CORE GALVANIZED OR STAINLESS STEEL WIRE ROPE WITH A BREAKING STRENGTH VALUE OF 14,500 LBS (3/8" DIAMETER). CABLE SPLICES WILL NOT BE PERMITTED.
- CABLES SHALL BE FED THROUGH THE FABRIC SLEEVES AROUND THE PERIMETER OF THE CANOPY AND TENSIONED UNTIL THE FABRIC PANELS (DESIGNED PURPOSELY UNDERSIZED) TO REACH A TAUNT APPEARANCE. ANY LONG TERM CABLE SAG SHALL BE MINIMIZED DURING THE MAINTENANCE RE-TIGHTENING VISITS AS REQUIRED.

REINFORCED CONCRETE NOTES

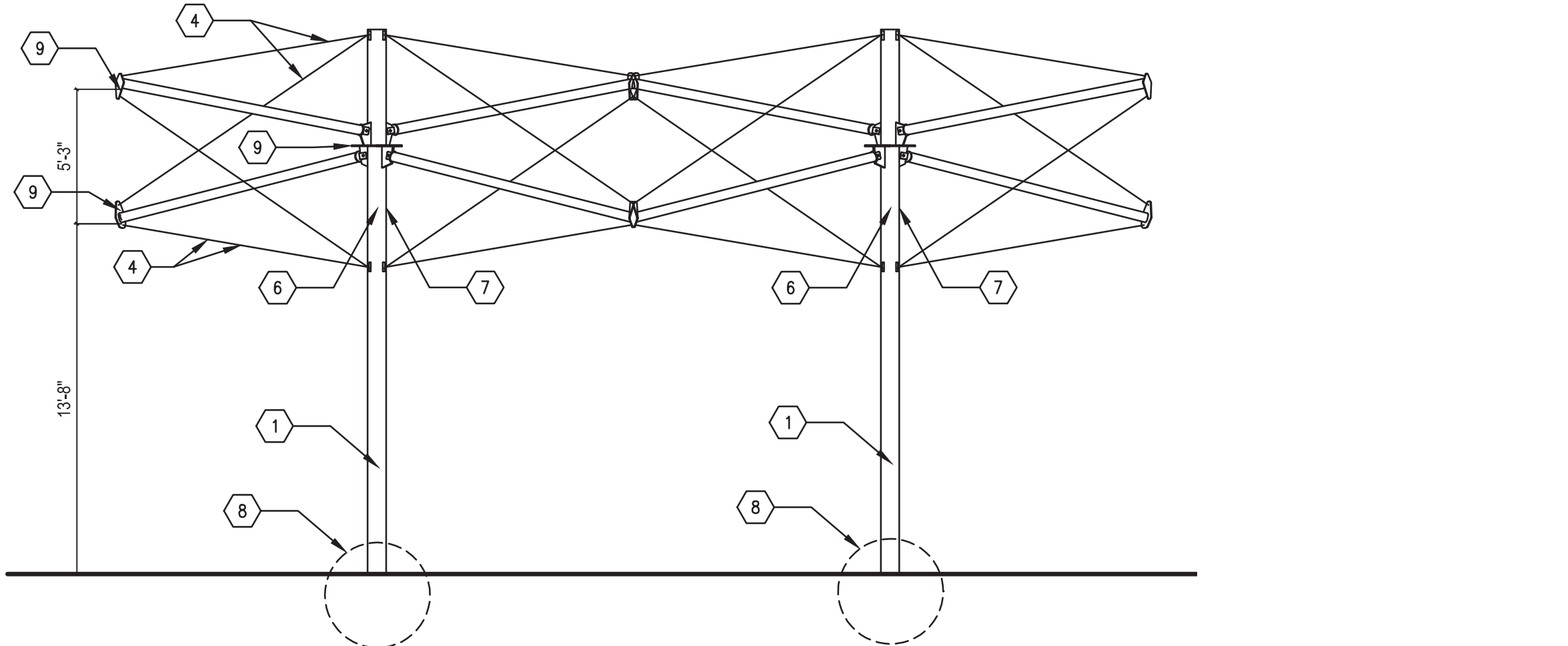
- CONCRETE WORK SHALL BE MDOT GRADE S1 (4000 PSI).
- ALL REINFORCEMENT STEEL SHALL CONFORM TO ASTM A-615 GRADE 60; AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH THE LATEST ACI DETAILING MANUAL AND CRSI MANUAL OF STANDARD PRACTICE.
- ALL ANCHOR BOLTS SET IN NEW CONCRETE (WHEN APPLICABLE) SHALL COMPLY WITH ASTM F-1554 GRADE 55 (GALVANIZED).
- ALL NON-SHRINK GROUT SHALL BE MDOT TYPE H-1 (NON-METALLIC).
- FOUNDATIONS SHALL BE SUPPORTED BY UNDISTURBED SOIL BY A MINIMUM OF 8" THICK MDOT 21AA AGGREGATE BASE COMPACTED TO 95% ASTM D1557.
- FOUNDATION BACKFILL SHALL BE UNDISTURBED SOIL OR MDOT CLASS II GRANULAR MATERIAL COMPACTED TO 95% ASTM D1557.



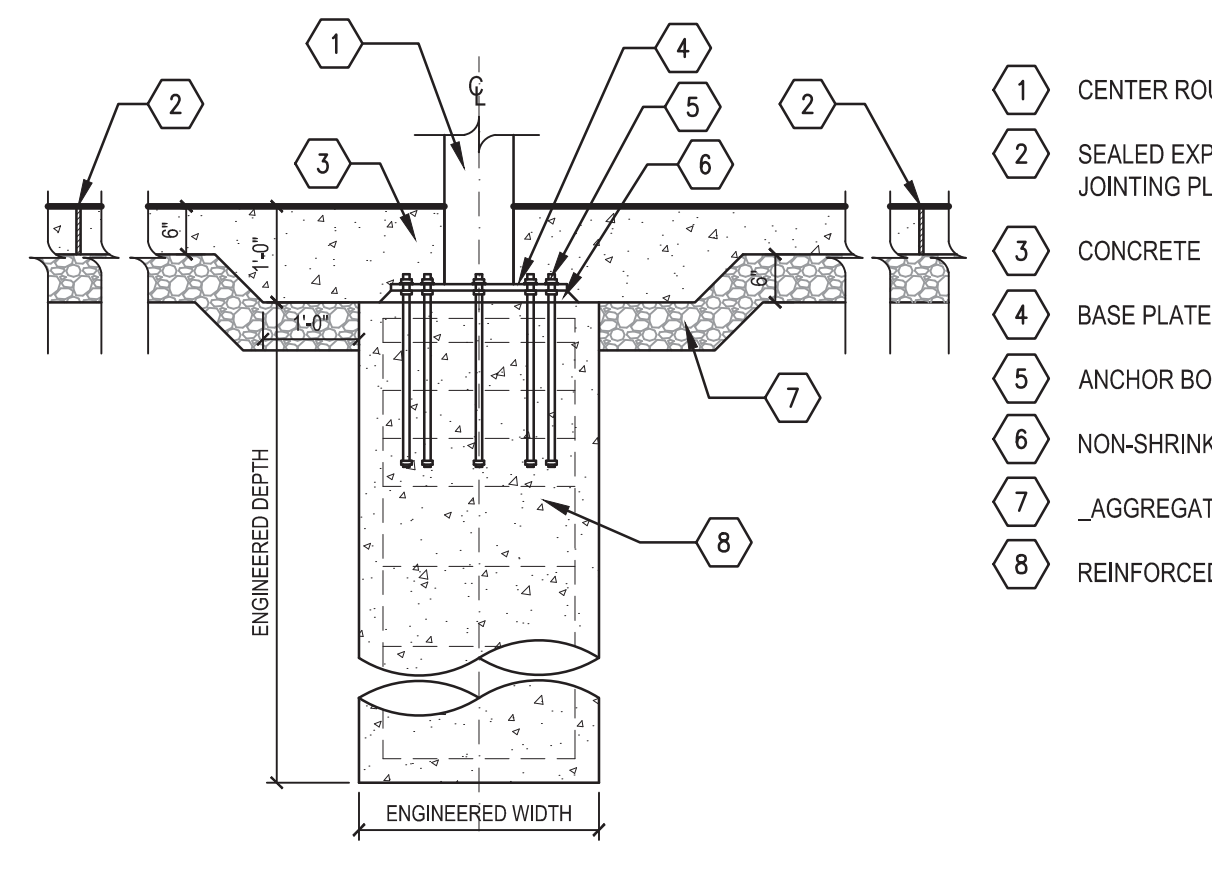
1 CANOPY STRUCTURE
PLAN VIEW
NTS



2 CANOPY STRUCTURE SECTION
SECTION
NTS



3 CANOPY STRUCTURE ELEVATION
ELEVATION
NTS



4 CANOPY BASE PLATE AND FOUNDATION
SECTION
NTS

- 1 CENTER ROUND COLUMN, SILVER
- 2 ROUND ARM, ABOVE FABRIC, SILVER
- 3 ROUND ARM, BELOW FABRIC, SILVER
- 4 STEEL CABLE
- 5 ALL-WEATHER FABRIC, ONCE PIECE, WHITE
- 6 MOUNTING BRACKETS FOR UP LIGHTS, 2 PER COLUMN, WIRING TO BE FED THROUGH THE COLUMN.
- 7 MOUNTING BRACKETS FOR DOWN LIGHTS, 2 PER COLUMN, WIRING TO BE FED THROUGH THE COLUMN.
- 8 BASE PLATE AND FOUNDATION, BELOW SURFACE (SEE DETAIL)
- 9 FABRIC CONNECTION POINT

- 1 CENTER ROUND COLUMN
- 2 SEALED EXPANSION JOINT SEE D-C3.8 - JOINTING PLAN - AREA C ENLARGMENT
- 3 CONCRETE
- 4 BASE PLATE
- 5 ANCHOR BOLTS
- 6 NON-SHRINK GROUT
- 7 AGGREGATE BASE, 21AA, MODIFIED
- 8 REINFORCED CONCRETE FOUNDATION

NOTE: CANOPY FABRIC NOT SHOWN TO CLARIFY STRUCTURE

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



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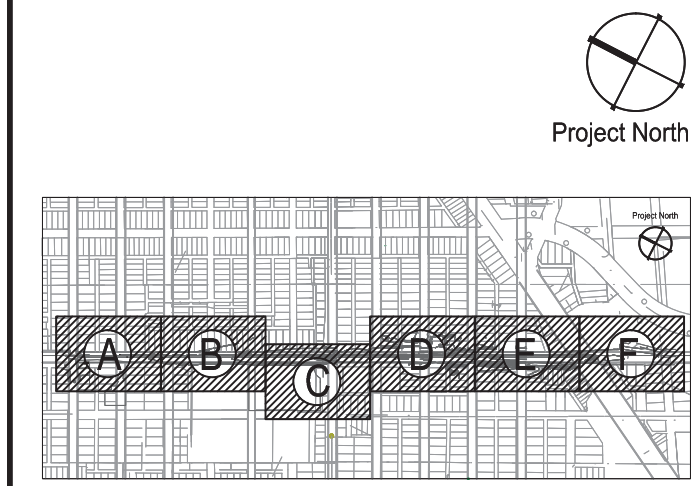
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SEALS AND SIGNATURES

KEY PLAN



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CANOPY DETAILS

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
AS NOTED
50572.000

PROJECT NUMBER
D-C5.9
DRAWING NUMBER
59 of 497



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Dequindre Cut
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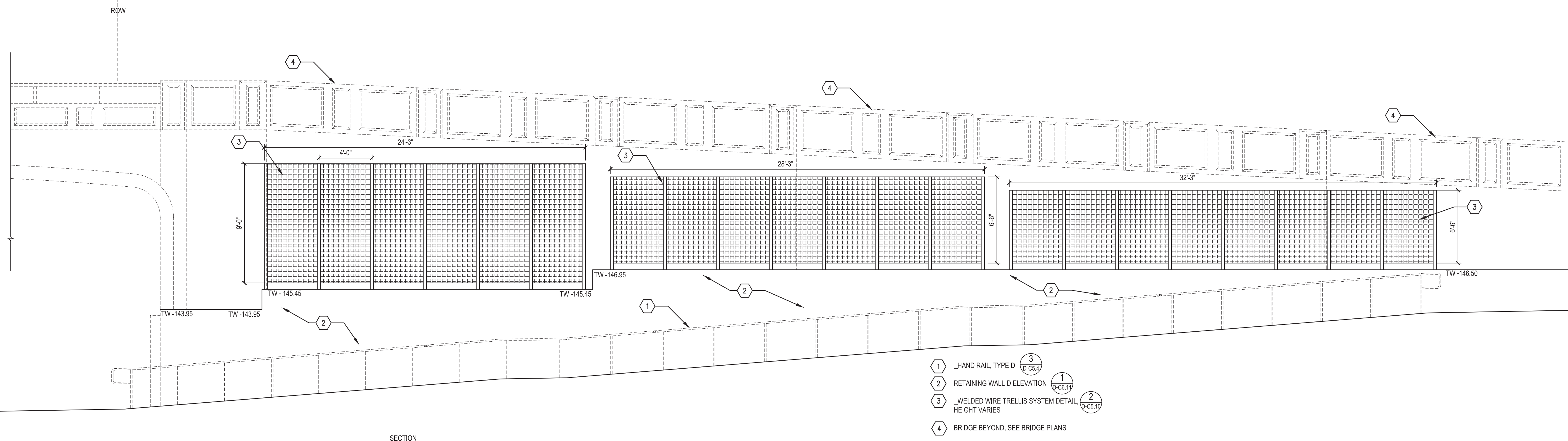
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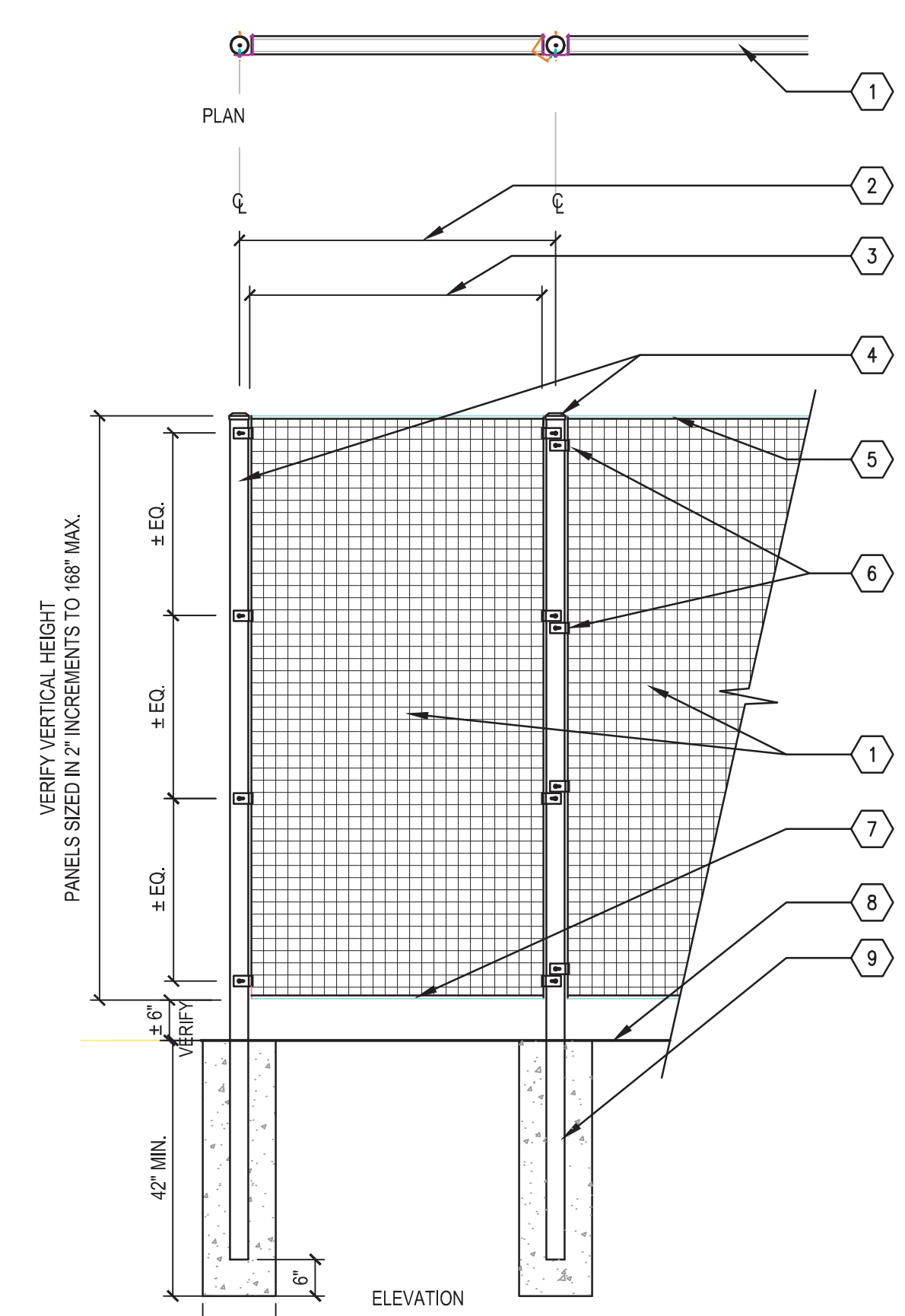
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- 1 HAND RAIL, TYPE D (D-C5.4)
- 2 RETAINING WALL ELEVATION (D-C5.11)
- 3 WELDED WIRE TRELLIS SYSTEM DETAIL (D-C5.10) HEIGHT VARIES
- 4 BRIDGE BEYOND, SEE BRIDGE PLANS

1 WELDED WIRE TRELLIS SYSTEM ELEVATION
ELEVATION

1/4" = 1'-0"

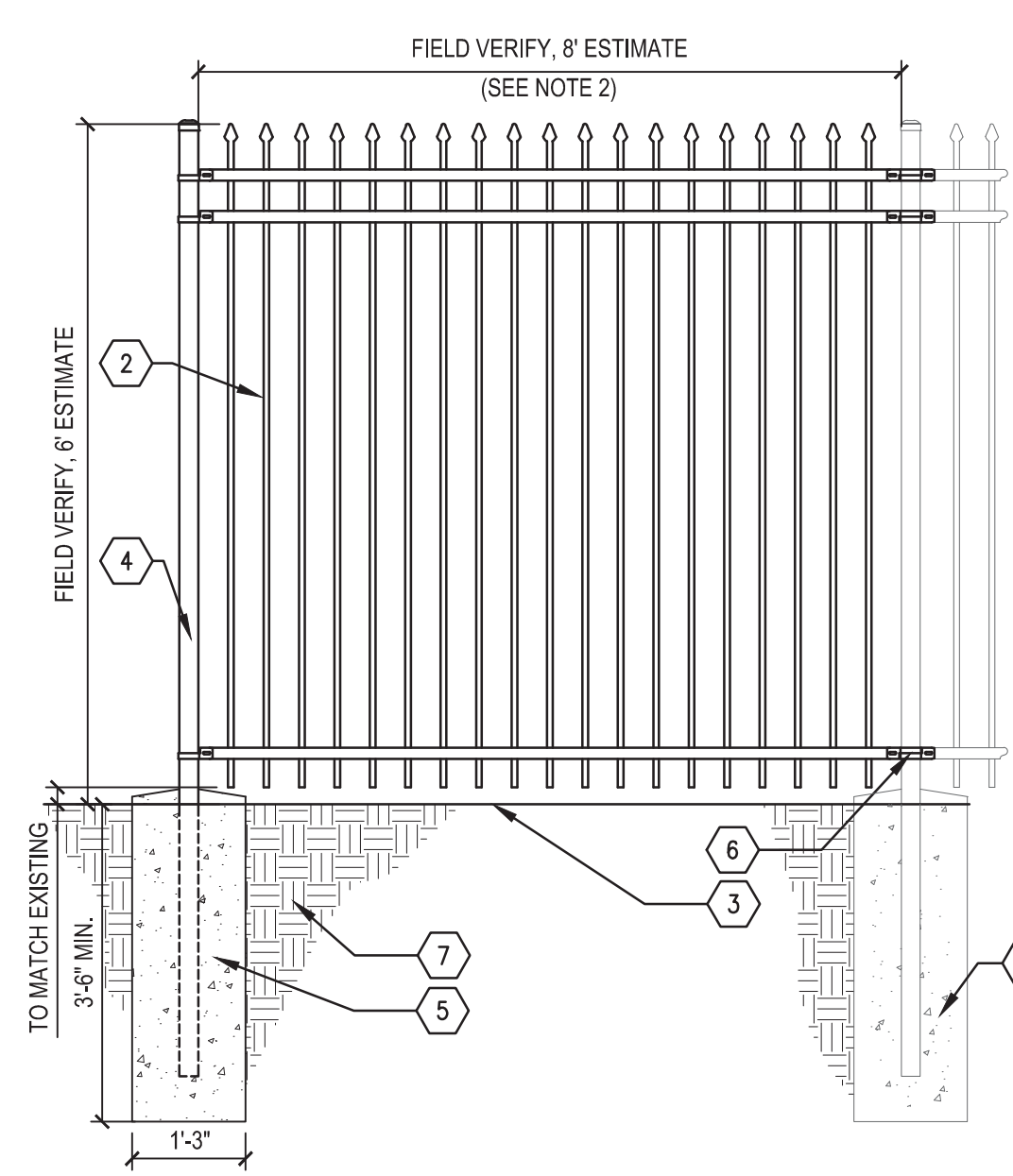


- 1 3" THICK PANEL, TYP.
- 2 POST TO POST CENTERS = PANEL LENGTH +4", TYP.
- 3 HORIZONTAL PANEL MAX. 48" IN 2" INCREMENTS POST TO POST CLEAR = PANEL LENGTH +1" TYP.
- 4 3" ROUND OR SQUARE STEEL TUBE WITH POST CAP, TYP.
- 5 STEEL EDGE TRIM AT TOP EDGE OF PANEL, TYP.
- 6 SNAP CLIPS AT ONE FACE WITH SELF-DRILLING STAINLESS STEEL SCREW, TYP.
- 7 STEEL EDGE TRIM AT BOTTOM EDGE OF PANEL, TYP.
- 8 FINISH GRADE
- 9 CONCRETE FOUNDATION
- 10 POST IMBEDDED INTO FOUNDATION

NOTE: VERIFY PANEL SPAN + CLIP SPACING FOR ALL INSTALLATIONS

2 WELDED WIRE TRELLIS SYSTEM DETAIL
PLAN AND ELEVATION

1/2" = 1'-0"



- 1 EXISTING CONCRETE FOUNDATION
- 2 FENCE PANEL, TO MATCH EXISTING FENCE
- 3 FINISH GRADE
- 4 POST, TO MATCH EXISTING
- 5 CONCRETE FOUNDATION, EXPOSED PORTION OF THE FOUNDATION SHALL BE CLEAN, SMOOTH, CONSISTENT FINISH, EQUALLY SLOPED FROM THE CENTER AT THE POST TO THE OUTSIDE EDGES OF FOUNDATION
- 6 CONNECT TO EXISTING POST USING HARDWARE TO MATCH EXISTING
- 7 SUBGRADE

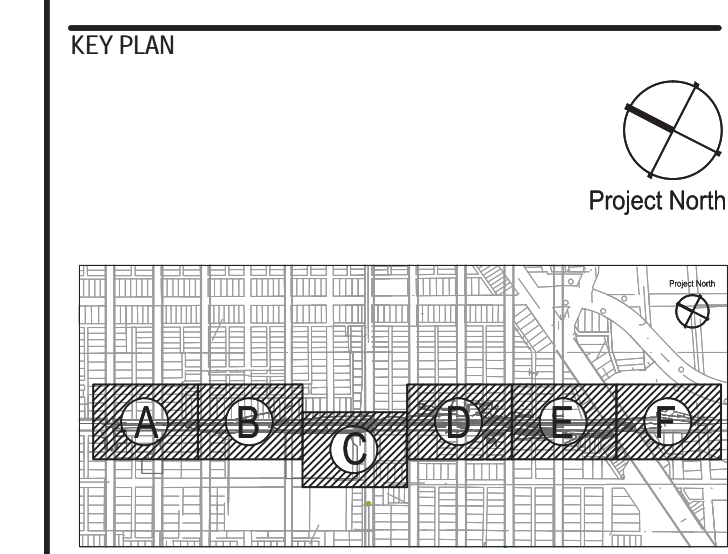
NOTES:
1. FENCING MATERIALS INCLUDING ALL HARDWARE SHALL BE BLACK TO MATCH EXISTING.
2. FIELD VERIFY THE PANEL HEIGHT AND LENGTH NEEDED TO REPLACE MISSING PANEL.

3 FENCE, 72 INCH, TYPE D2
SECTION

1/2" = 1'-0"

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DRAWING TITLE
TRELLISING SYSTEM
AND FENCE DETAILS

GRAPHIC SCALE AS NOTED
TAKES PRECEDENCE
FULL SIZE SCALE (24x36) 50572.000
PROJECT NUMBER
DRAWING NUMBER D-C5.10



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Detroit, Michigan



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Corporation of the City of Detroit

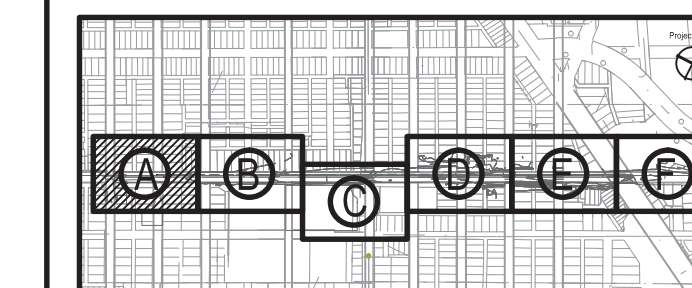
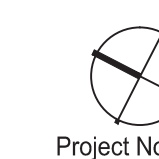
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BIDDING DOCUMENTS	5	MAY 21, 2013
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



D-C6.1 - GRADING		
QTY	UNIT	ITEM DESCRIPTION
0	Cyd	Slope Encroachment, Rem
2,752	Sft	Sidewalk Grading
0	Cyd	Excavation, Earth
413	Ft	Shared Use Path, Grading, Modified
413	Ft	Dewatering System, Trench
0	Syd	Slope Restoration, Type B

DRAWING TITLE
GRADING PLAN - AREA A

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
0 10' 20' 40'
1" = 20'-0"

PROJECT NUMBER
50572.000

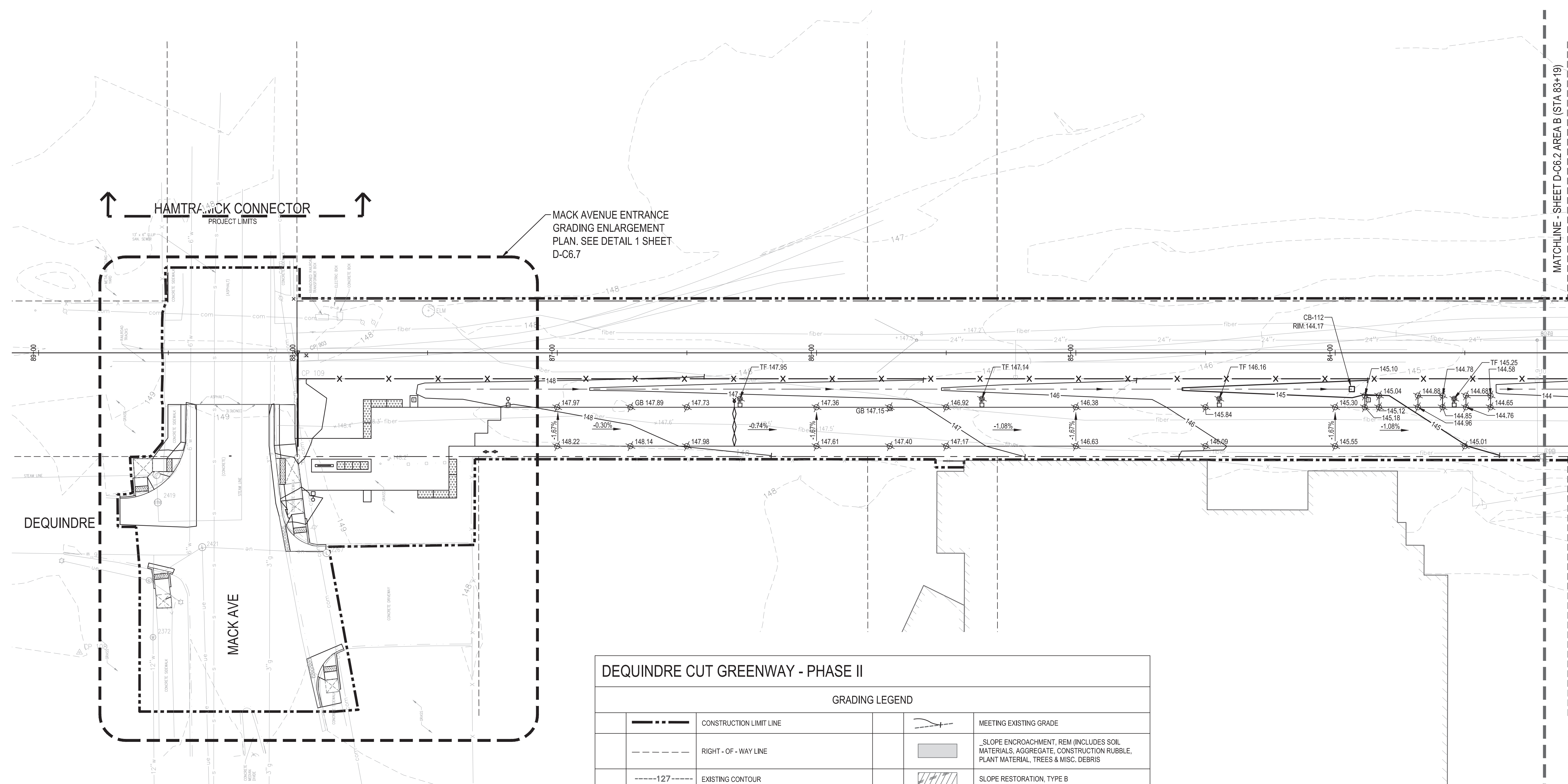
DRAWING NUMBER
D-C6.1



3 WORKING DAYS
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61 of 497

FILE: \\p01-11et\Projects\50572.000\CAD\Sheet\50572-GRAD-SHT.dwg USER: jgreene DATE: May 22, 2013 TIME: 11:22 am



DEQUINDRE CUT GREENWAY - PHASE II			
GRADING LEGEND			
	CONSTRUCTION LIMIT LINE		MEETING EXISTING GRADE
	RIGHT - OF - WAY LINE		SLOPE ENCROACHMENT, REM (INCLUDES SOIL MATERIALS, AGGREGATE, CONSTRUCTION RUBBLE, PLANT MATERIAL, TREES & MISC. DEBRIS)
	EXISTING CONTOUR		SLOPE RESTORATION, TYPE B
	EXISTING SPOT ELEVATION		RAMP LANDING
	PROPOSED CONTOUR		STEP IN TOP COURSE OF WALL, SEE WALL ELEVATIONS.
	PROPOSED SPOT ELEVATION		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	SLOPE ARROW		
	DRAINAGE SWALE		
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)		
	GUTTER		
	TOP OF CURB		
	FINISH GRADE		
	MEET EXISTING		
	BOTTOM OF WALL		
	TOP OF WALL		
	HIGH POINT		
	LOW POINT		
	GRADE BREAK		
	TOP OF FOUNDATION		

REFER TO G0.6 FOR GRADING NOTES.

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
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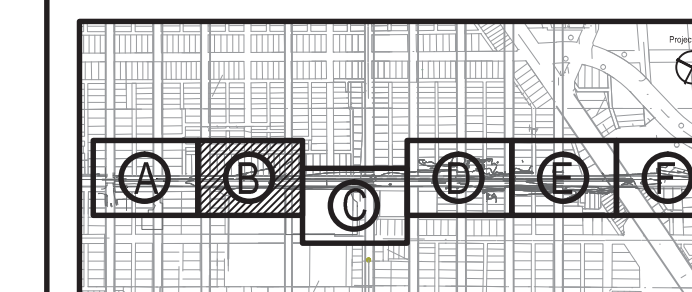
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BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



Project North



DRAWING TITLE

GRADING PLAN - AREA B

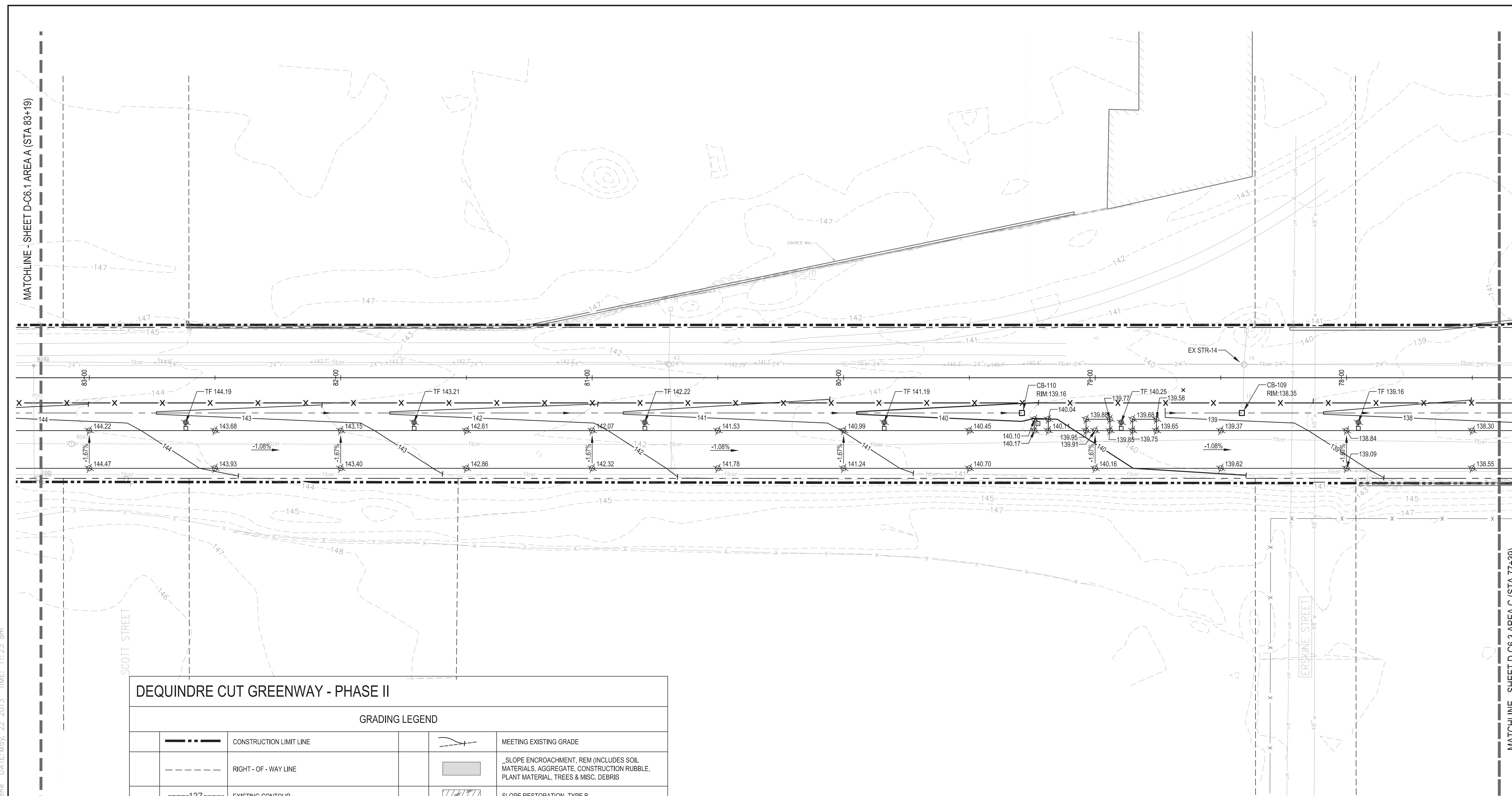
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER

D-C6.2

DRAWING NUMBER

62 of 497



DEQUINDRE CUT GREENWAY - PHASE II

GRADING LEGEND

	CONSTRUCTION LIMIT LINE		MEETING EXISTING GRADE
	RIGHT - OF - WAY LINE		SLOPE ENCROACHMENT, REM (INCLUDES SOIL MATERIALS, AGGREGATE, CONSTRUCTION RUBBLE, PLANT MATERIAL, TREES & MISC. DEBRIS)
	EXISTING CONTOUR		SLOPE RESTORATION, TYPE B
	EXISTING SPOT ELEVATION		RAMP LANDING
	PROPOSED CONTOUR		STEP IN TOP COURSE OF WALL. SEE WALL ELEVATIONS.
	PROPOSED SPOT ELEVATION		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	SLOPE ARROW		
	DRAINAGE SWALE		
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)		
G	GUTTER		
TC	TOP OF CURB		
FG	FINISH GRADE		
ME	MEET EXISTING		
BW	BOTTOM OF WALL		
TW	TOP OF WALL		
HP	HIGH POINT		
LP	LOW POINT		
GB	GRADE BREAK		
TF	TOP OF FOUNDATION		

REFER TO G0.6 FOR GRADING NOTES.

D-C6.2 - GRADING

QTY	UNIT	ITEM DESCRIPTION
0	Cyd	Slope Encroachment, Rem
110	SF	Sidewalk Grading
0	Cyd	Excavation, Earth
580	Ft	Shared Use Path, Grading, Modified
580	Ft	Dewatering System, Trench
0	Syd	Slope Restoration, Type B



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



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MATCHLINE - SHEET D-C6.2 AREA B (STA 77+39)

MATCHLINE - SHEET D-C6.4 AREA D (STA 71+59)

DEQUINDRE CUT GREENWAY - PHASE II

GRADING LEGEND

	CONSTRUCTION LIMIT LINE		MEETING EXISTING GRADE
	RIGHT - OF - WAY LINE		SLOPE ENCROACHMENT, REM (INCLUDES SOIL MATERIALS, AGGREGATE, CONSTRUCTION RUBBLE, PLANT MATERIAL, TREES & MISC. DEBRIS)
	EXISTING CONTOUR		SLOPE RESTORATION, TYPE B
	EXISTING SPOT ELEVATION		RAMP LANDING
	PROPOSED CONTOUR		STEP IN TOP COURSE OF WALL, SEE WALL ELEVATIONS.
	PROPOSED SPOT ELEVATION		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	SLOPE ARROW		
	DRAINAGE SWALE		
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)		
	GUTTER		
	TOP OF CURB		
	FINISH GRADE		
	MEET EXISTING		
	BOTTOM OF WALL		
	TOP OF WALL		
	HIGH POINT		
	LOW POINT		
	GRADE BREAK		
	TOP OF FOUNDATION		

REFER TO G0.6 FOR GRADING NOTES.

D-C6.3 - GRADING

QTY	UNIT	ITEM DESCRIPTION
0	Cyd	Slope Encroachment, Rem
4,509	Sft	Sidewalk Grading
1,835	Cyd	Excavation, Earth
580	Ft	Shared Use Path, Grading, Modified
580	Ft	Dewatering System, Trench
0	Syd	Slope Restoration, Type B

WILKINS STREET PLAZA
GRADING ENLARGEMENT
PLAN. SEE DETAIL 1 SHEET
D-C6.8

WILKINS STREET ENTRANCE
GRADING ENLARGEMENT PLAN.
SEE DETAIL 2 SHEET D-C6.8

ORLEANS ST

MIDTOWN LOOP PHASE IV
(SEE SHEETS M-G0.0 THRU M-E1.26)

WILKINS ST

SEE WILKINS BRIDGE PLANS

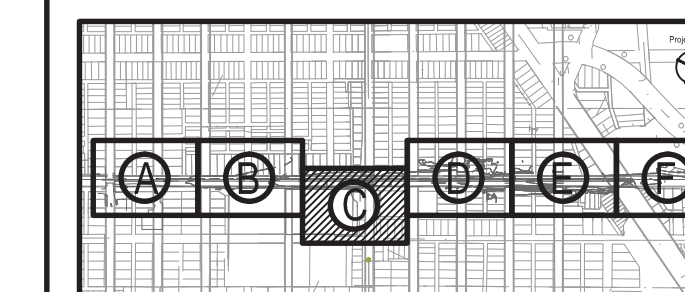
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



Project North



DRAWING TITLE
GRADING PLAN - AREA C

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER

D-C6.3

DRAWING NUMBER

63 of 497



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Dequindre Cut Phase II

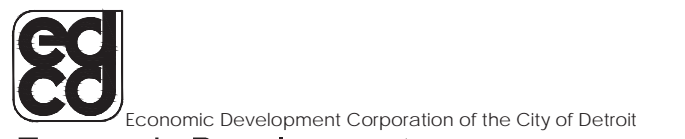
Dequindre Cut
Detroit, Michigan



Owners:



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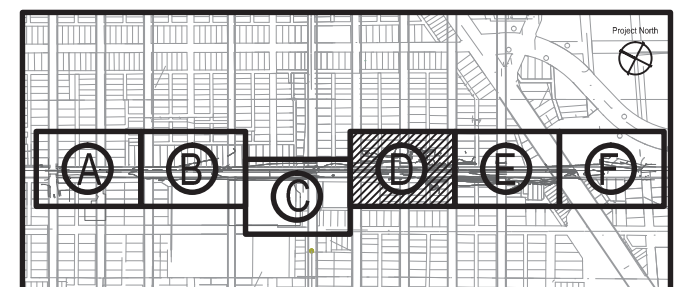
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100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
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SEALS AND SIGNATURES

KEY PLAN



Project North



DRAWING TITLE
GRADING PLAN - AREA D

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
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1" = 20'-0"

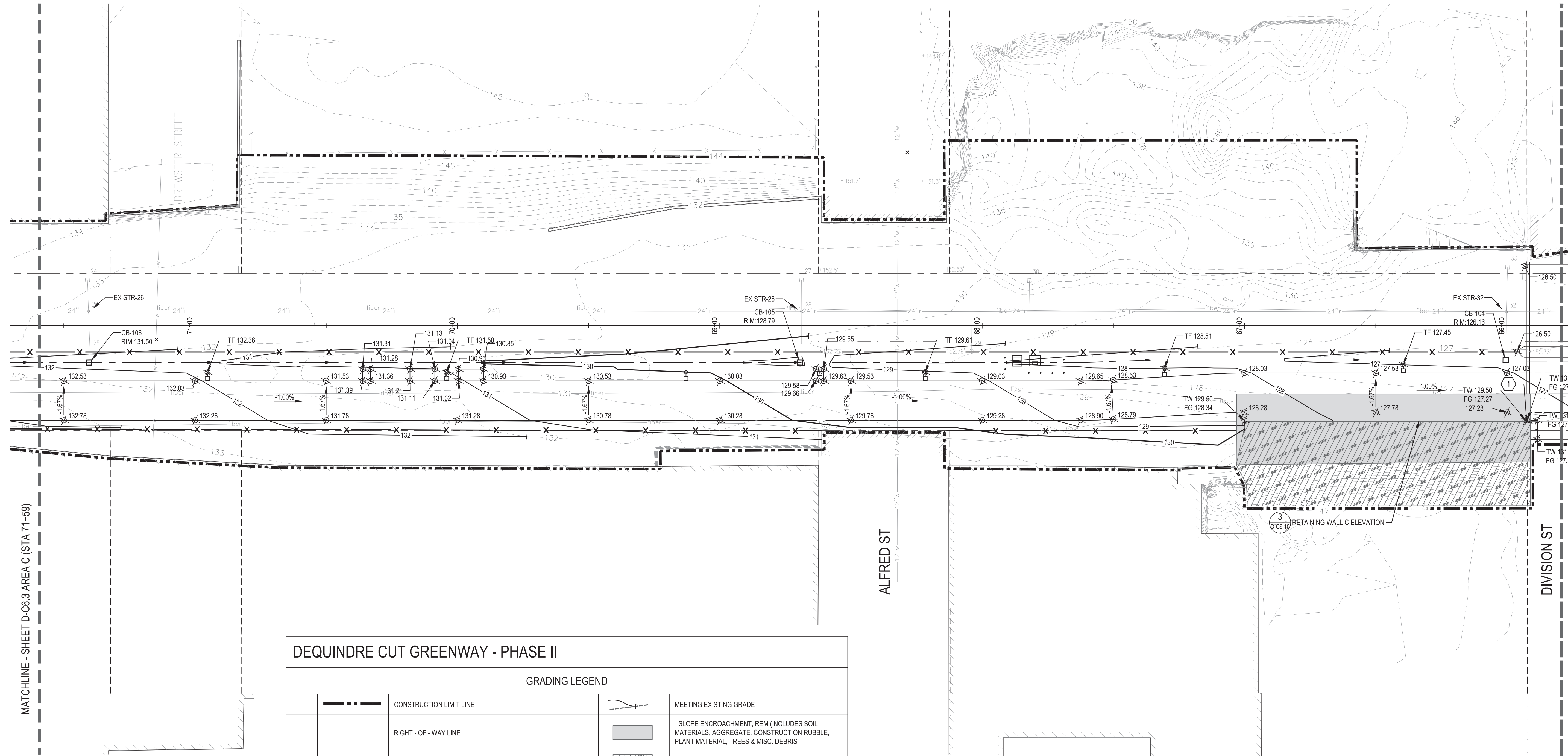
PROJECT NUMBER
50572.000

DRAWING NUMBER
D-C6.4

64 of 497



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DEQUINDRE CUT GREENWAY - PHASE II			
GRADING LEGEND			
	CONSTRUCTION LIMIT LINE		MEETING EXISTING GRADE
	RIGHT - OF - WAY LINE		SLOPE ENCROACHMENT, REM (INCLUDES SOIL MATERIALS, AGGREGATE, CONSTRUCTION RUBBLE, PLANT MATERIAL, TREES & MISC. DEBRIS)
	EXISTING CONTOUR		SLOPE RESTORATION, TYPE B
	EXISTING SPOT ELEVATION		RAMP LANDING
	PROPOSED CONTOUR		STEP IN TOP COURSE OF WALL, SEE WALL ELEVATIONS.
	PROPOSED SPOT ELEVATION		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	SLOPE ARROW		
	DRAINAGE SWALE		
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)		
	GUTTER		
	TOP OF CURB		
	FINISH GRADE		
	MEET EXISTING		
	BOTTOM OF WALL		
	TOP OF WALL		
	HIGH POINT		
	LOW POINT		
	GRADE BREAK		
	TOP OF FOUNDATION		

REFER TO G0.6 FOR GRADING NOTES.

D-C6.4 - GRADING		
QTY	UNIT	ITEM DESCRIPTION
170	Cyd	Slope Encroachment, Rem
154	Sr	Sidewalk Grading
0	Cyd	Excavation, Earth
580	Ft	Shared Use Path, Grading, Modified
580	Ft	Dewatering System, Trench
391	Syd	Slope Restoration, Type B

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



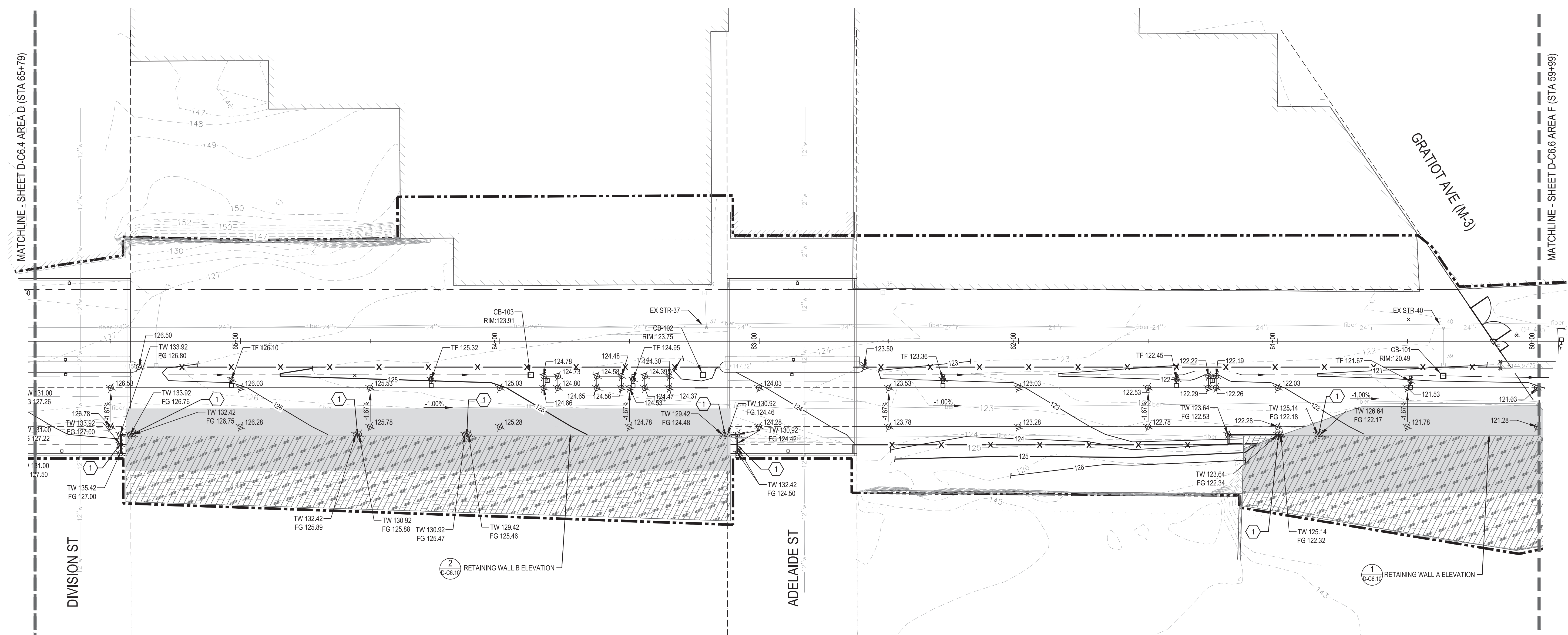
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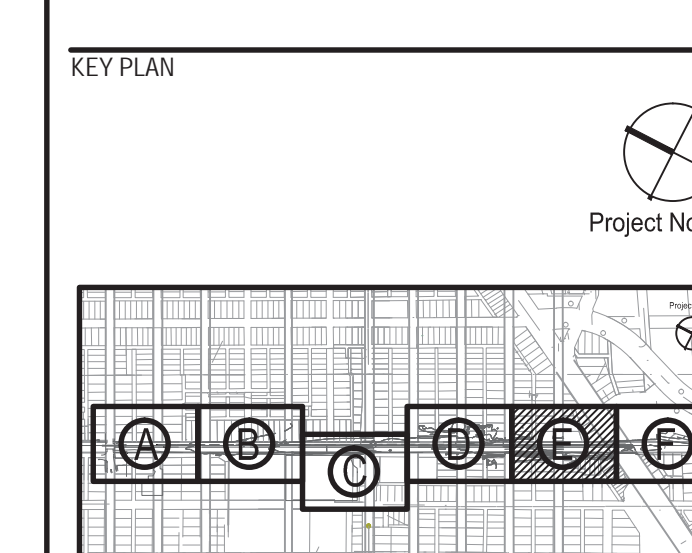
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES



DEQUINDRE CUT GREENWAY - PHASE II	
GRADING LEGEND	
	CONSTRUCTION LIMIT LINE
	RIGHT - OF - WAY LINE
	EXISTING CONTOUR
	EXISTING SPOT ELEVATION
	PROPOSED CONTOUR
	PROPOSED SPOT ELEVATION
	SLOPE ARROW
	DRAINAGE SWALE
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)
	GUTTER
	TOP OF CURB
	FINISH GRADE
	MEET EXISTING
	BOTTOM OF WALL
	TOP OF WALL
	HIGH POINT
	LOW POINT
	GRADE BREAK
	TOP OF FOUNDATION

D-C6.5 - GRADING		
QTY	UNIT	ITEM DESCRIPTION
1,625	Cyd	Slope Encroachment, Rem
121	Sft	Sidewalk Grading
0	Cyd	Excavation, Earth
580	Ft	Shared Use Path, Grading, Modified
580	Ft	Dewatering System, Trench
1,212	Syd	Slope Restoration, Type B



DRAWING TITLE
GRADING PLAN - AREA E

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
0 10' 20' 40'
1" = 20'-0"

PROJECT NUMBER
D-C6.5

DRAWING NUMBER
65 of 497

FILE: \\p01-001\Projects\50572\000\CAD\Sheet\50572-GRAD-SHT.dwg USER: jgreene DATE: May 22, 2013 TIME: 11:24 am

REFER TO G0.6 FOR GRADING NOTES.



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit

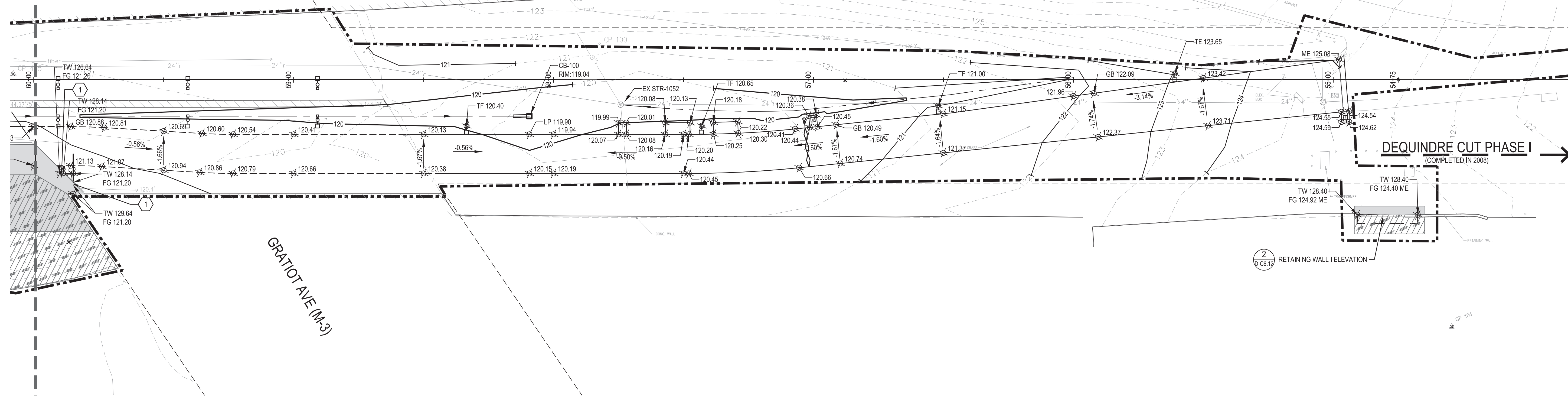


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MATCHLINE - SHEET D-C6.5 AREA E (STA 59+99)



DEQUINDRE CUT GREENWAY - PHASE II

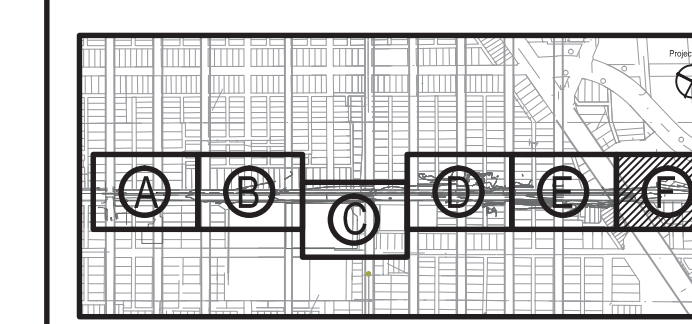
GRADING LEGEND			
	CONSTRUCTION LIMIT LINE		MEETING EXISTING GRADE
	RIGHT - OF - WAY LINE		_SLOPE ENCROACHMENT, REM (INCLUDES SOIL MATERIALS, AGGREGATE, CONSTRUCTION RUBBLE, PLANT MATERIAL, TREES & MISC. DEBRIS
	EXISTING CONTOUR		SLOPE RESTORATION, TYPE B
	EXISTING SPOT ELEVATION		RAMP LANDING
	PROPOSED CONTOUR		STEP IN TOP COURSE OF WALL, SEE WALL ELEVATIONS.
	PROPOSED SPOT ELEVATION		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	SLOPE ARROW		
	DRAINAGE SWALE		
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)		
	GUTTER		
	TOP OF CURB		
	FINISH GRADE		
	MEET EXISTING		
	BOTTOM OF WALL		
	TOP OF WALL		
	HIGH POINT		
	LOW POINT		
	GRADE BREAK		
	TOP OF FOUNDATION		

D-C6.6 - GRADING		
QTY	UNIT	ITEM DESCRIPTION
112	Cyd	Slope Encroachment, Rem
120	SF	Sidewalk Grading
0	Cyd	Excavation, Earth
505	Ft	Shared Use Path, Grading, Modified
505	Ft	Dewatering System, Trench
87	Syd	Slope Restoration, Type B

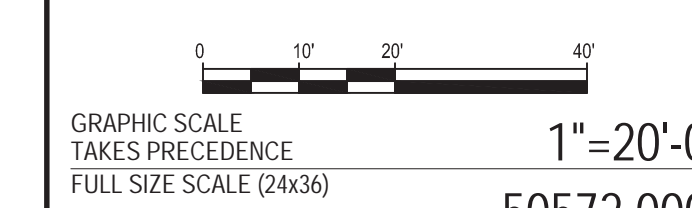
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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
GRADING PLAN - AREA F



PROJECT NUMBER

DRAWING NUMBER



D-C6.6

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



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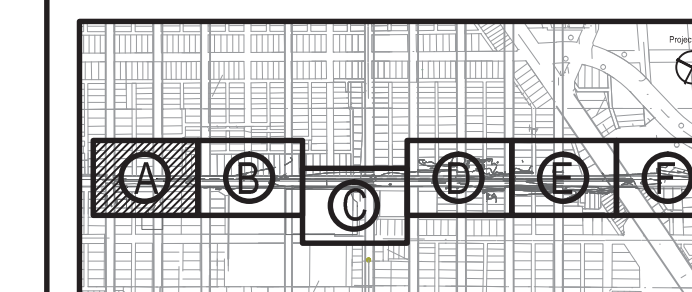
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**GRADING PLAN - AREA A
ENLARGEMENT**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 10'-0"
50572.000

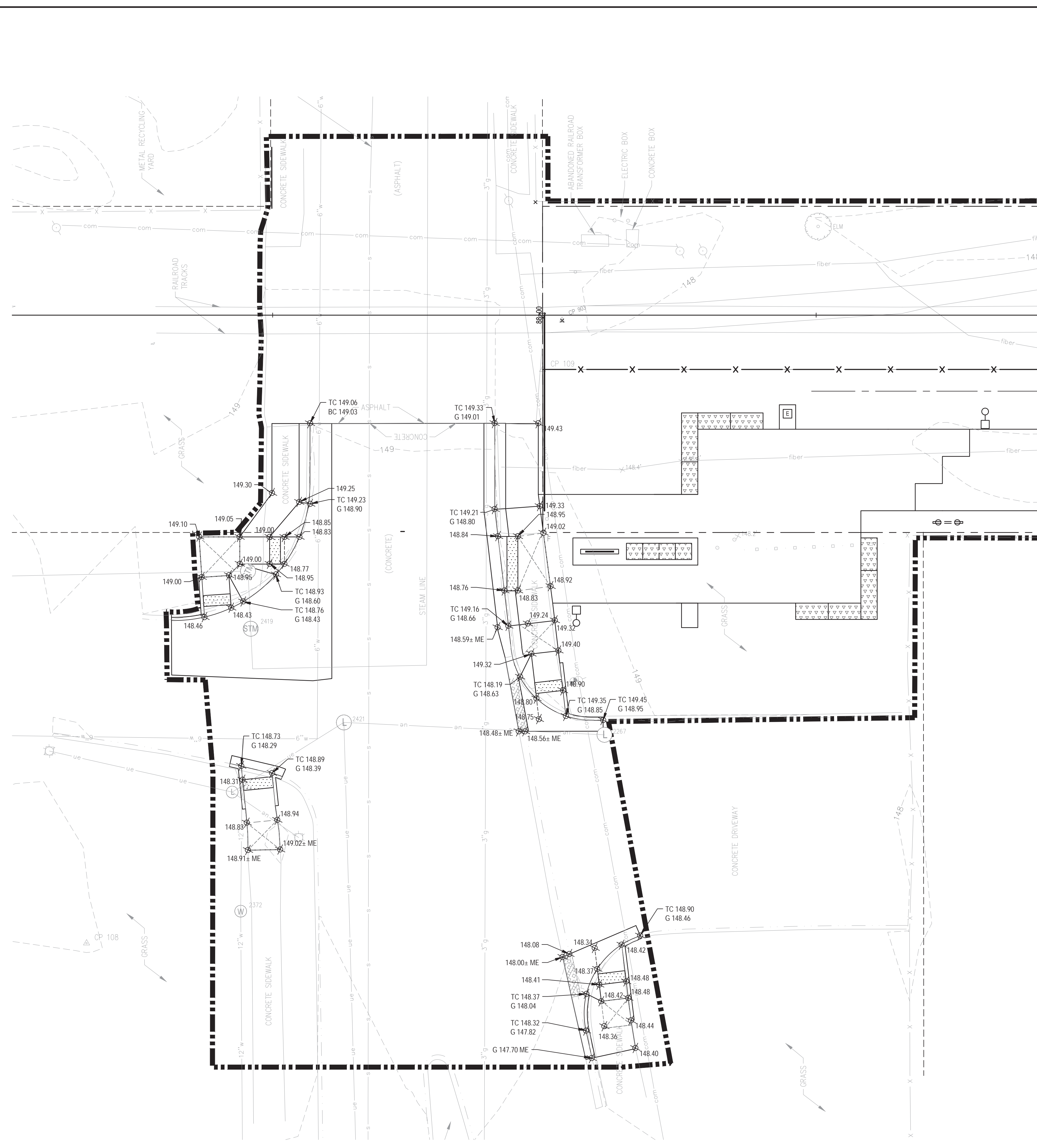
PROJECT NUMBER

D-C6.7

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DEQUINDRE CUT GREENWAY - PHASE II

GRADING LEGEND

	CONSTRUCTION LIMIT LINE		MEETING EXISTING GRADE
	RIGHT - OF - WAY LINE		_SLOPE ENCROACHMENT, REM (INCLUDES SOIL MATERIALS, AGGREGATE, CONSTRUCTION RUBBLE, PLANT MATERIAL, TREES & MISC. DEBRIS)
	EXISTING CONTOUR		RAMP LANDING
	EXISTING SPOT ELEVATION		STEP IN TOP COURSE OF WALL, SEE WALL ELEVATIONS.
	PROPOSED CONTOUR		MEET PROPOSED GRADES FOR WILKINS BRIDGE IMPROVEMENT PLANS
	PROPOSED SPOT ELEVATION		
	SLOPE ARROW		
	DRAINAGE SWALE		
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)		
	GUTTER		
	TOP OF CURB		
	FINISH GRADE		
	MEET EXISTING		
	BOTTOM OF WALL		
	TOP OF WALL		
	HIGH POINT		
	LOW POINT		
	GRADE BREAK		
	TOP OF FOUNDATION		

REFER TO G0.6 FOR GRADING NOTES.
PAY ITEMS SHOWN ON THIS SHEET ARE INCLUDED ON SHEET D-C6.1.

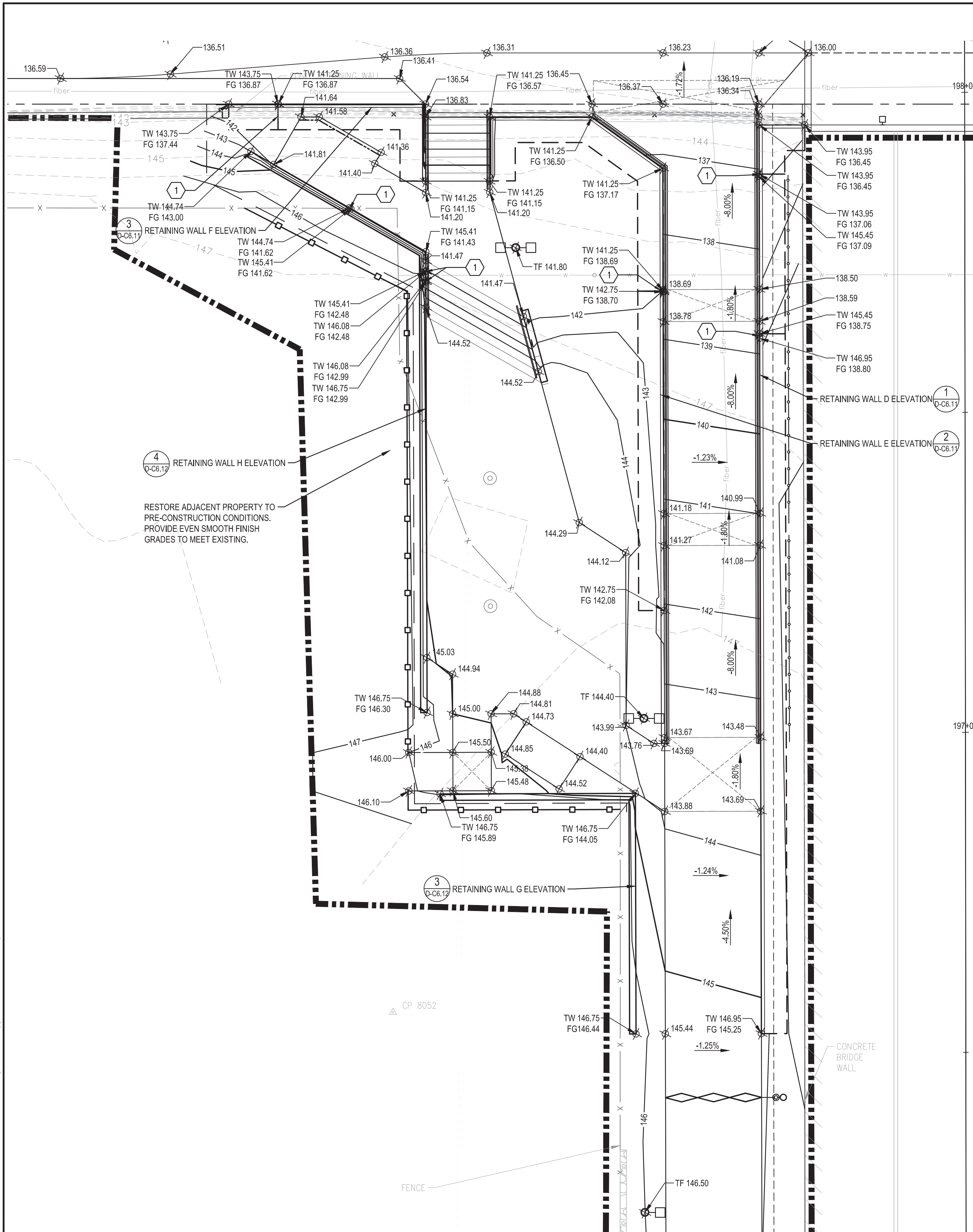
1 MACK AVENUE ENTRANCE GRADING ENLARGEMENT PLAN
PLAN

1" = 10'-0"



3 WORKING DAYS
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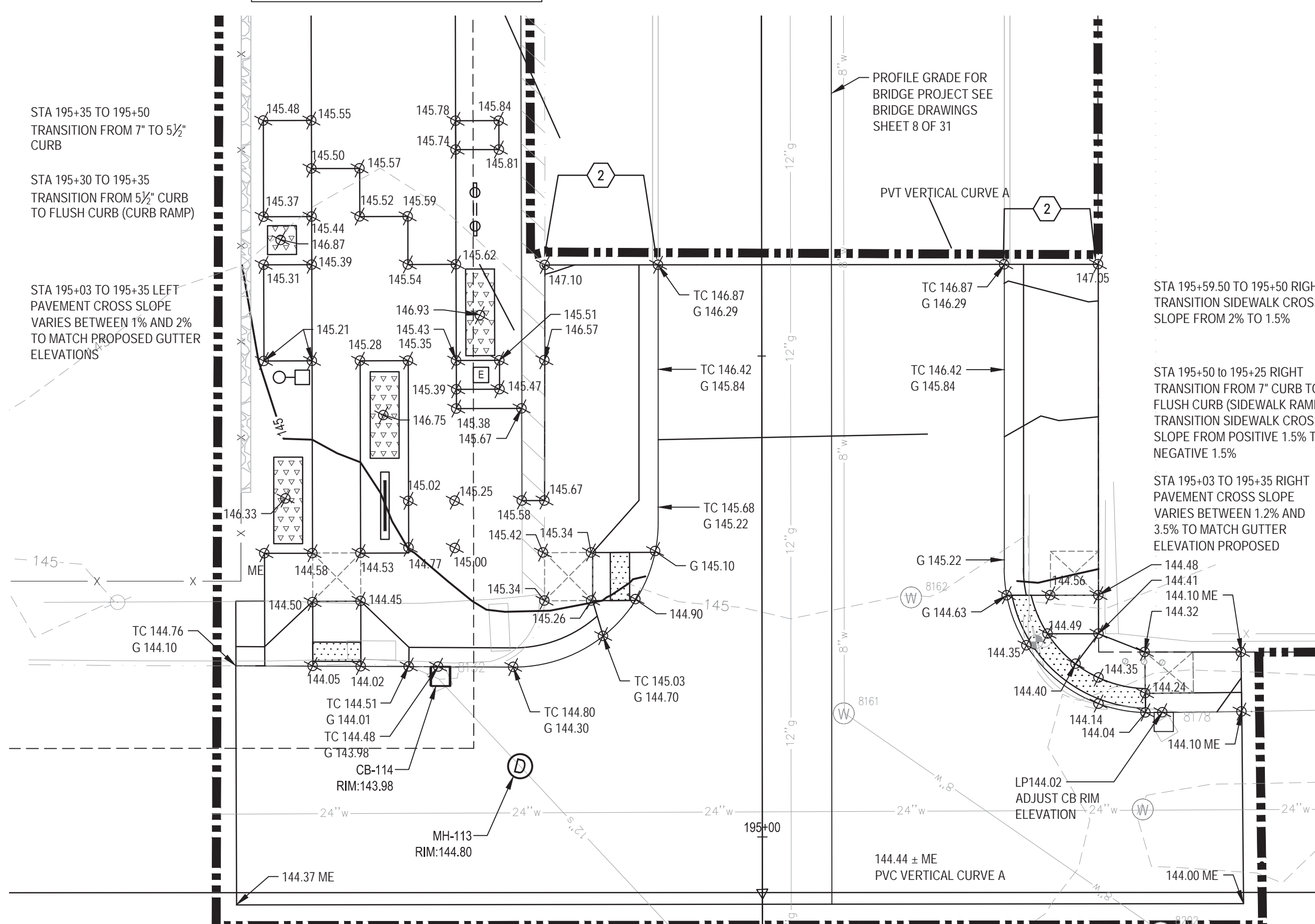


1 WILKINS STREET PLAZA GRADING ENLARGEMENT PLAN
PLAN

1" = 10'-0"

WILKINS STREET VERTICAL CURVE A

STA	OFF	ELEVATION
PVC 194+90	OFF 7.24' R	144.36
PVI 195+25	OFF 7.24' R	144.93
PVT 195+60	OFF 7.24' R	146.67
S1	1.63%	
S2	4.96%	
LENGTH OF CURVE 70'		



2 WILKINS STREET ENTRANCE GRADING ENLARGEMENT PLAN
PLAN

1" = 10'-0"

DEQUINDRE CUT GREENWAY - PHASE II

GRADING LEGEND

	CONSTRUCTION LIMIT LINE		MEETING EXISTING GRADE
	RIGHT-OF-WAY LINE		SLOPE ENCROACHMENT, REM (INCLUDES SOIL MATERIALS, AGGREGATE, CONSTRUCTION RUBBLE, PLANT MATERIAL, TREES & MISC. DEBRIS)
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	EXISTING SPOT ELEVATION		RAMP LANDING
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	SLOPE ARROW		
	DRAINAGE SWALE		
	DRAINAGE STRUCTURE (SEE UTILITY PLANS FOR TYPE)		
	GUTTER		
	TOP OF CURB		
	FINISH GRADE		
	MEET EXISTING		
	BOTTOM OF WALL		
	TOP OF WALL		
	HIGH POINT		
	LOW POINT		
	GRADE BREAK		
	TOP OF FOUNDATION		

REFER TO 6.6 FOR GRADING NOTES.
PAY ITEMS SHOWN ON THIS SHEET ARE INCLUDED ON SHEET D-C6.3.

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



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Corporation of the City of Detroit

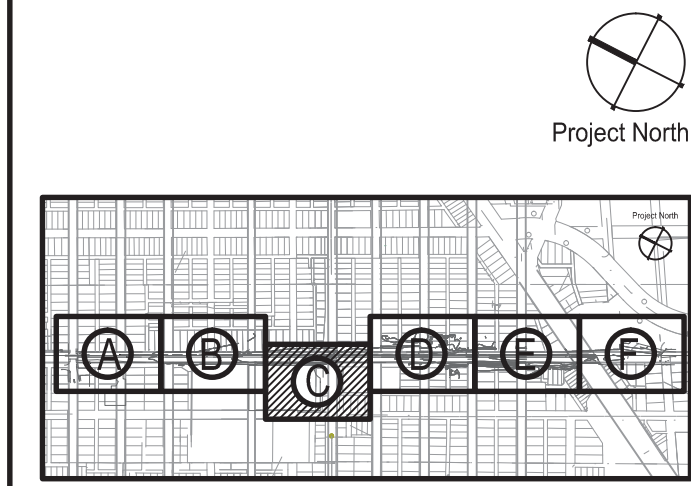
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SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
GRADING PLAN - AREA C ENLARGEMENT

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 10'-0"
50572.000

PROJECT NUMBER
D-C6.8
DRAWING NUMBER
68 of 497



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

SMITHGROUP JJR

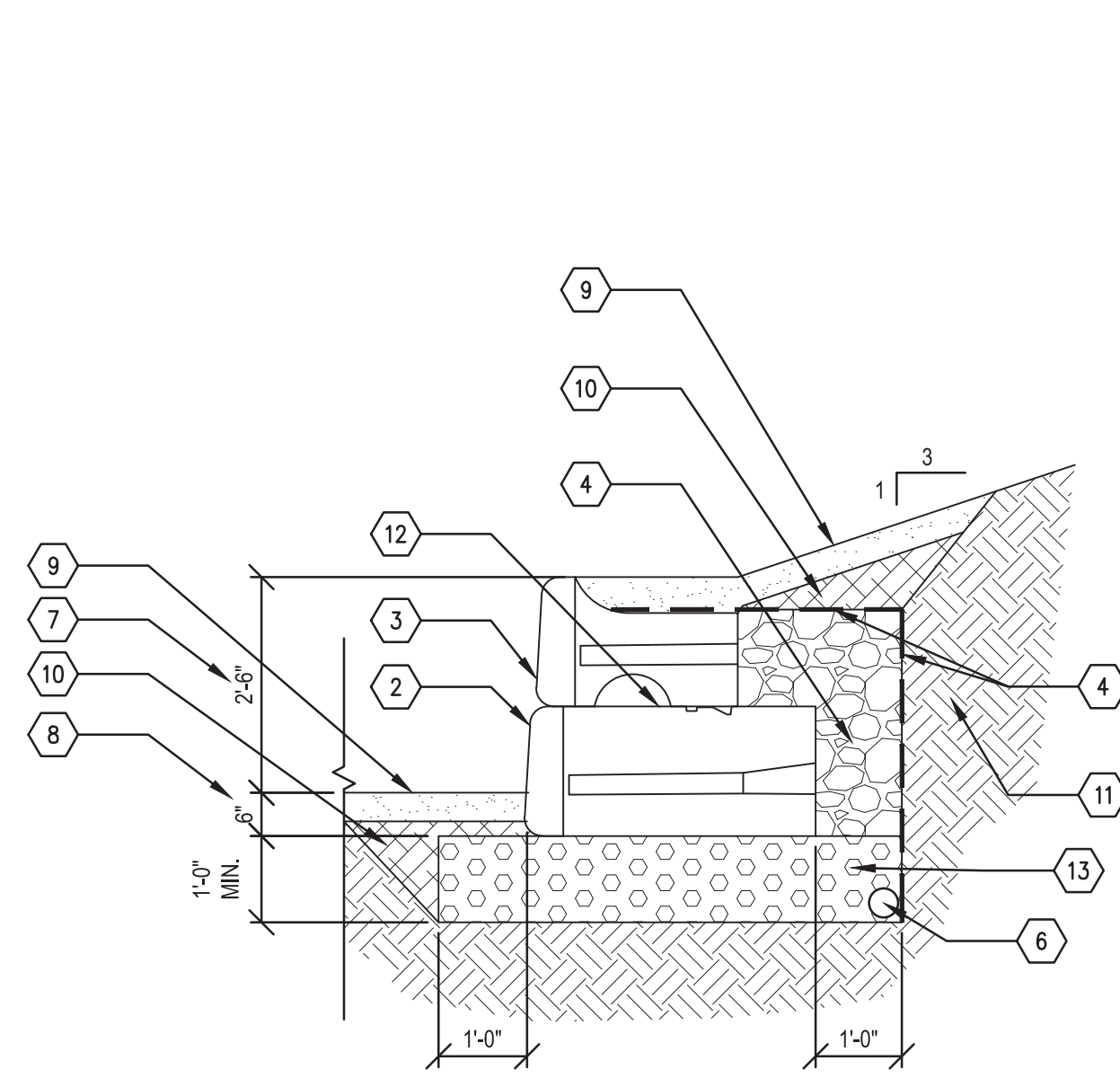
201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

KEYNOTES

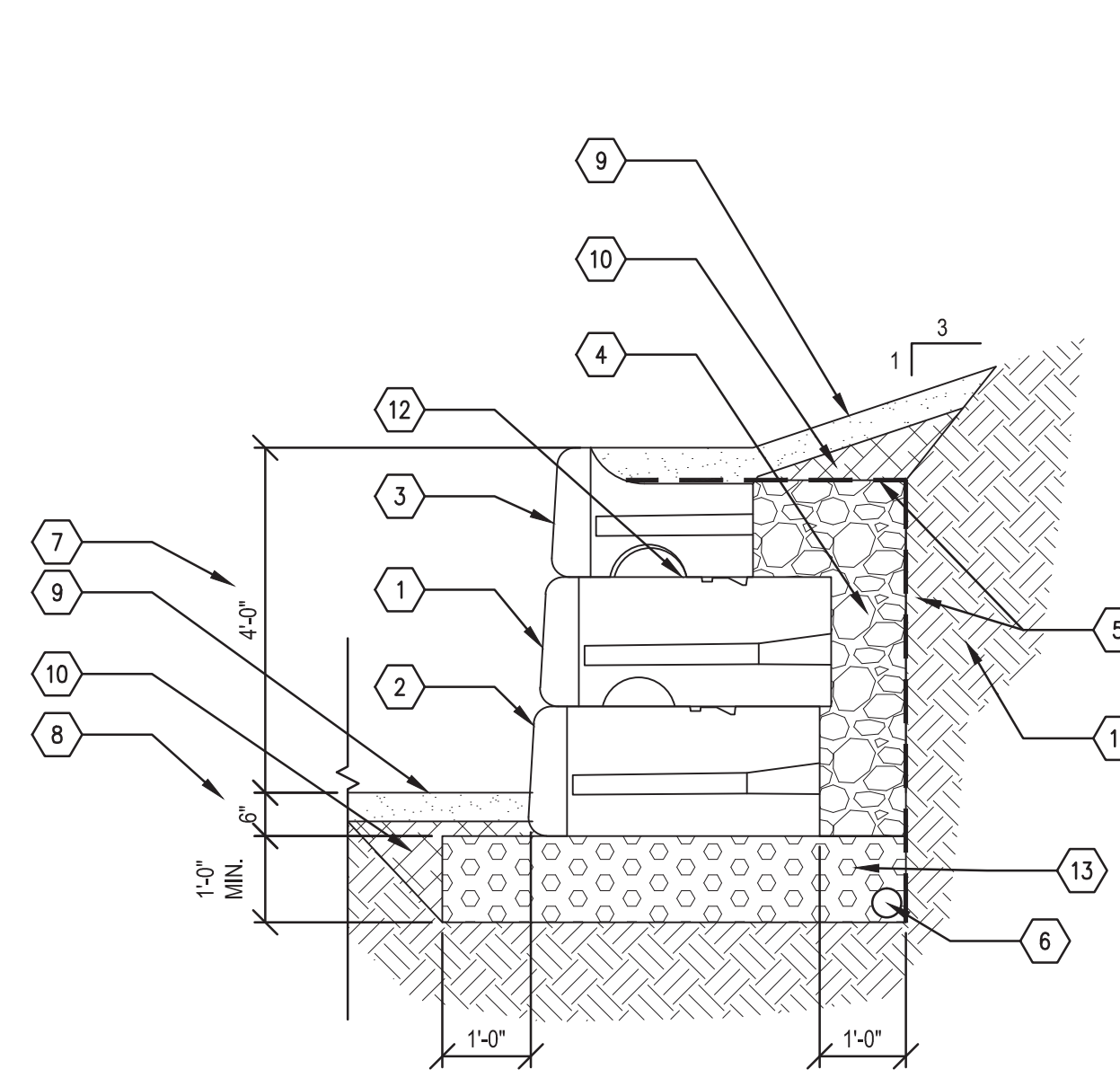
- 1 41" MIDDLE PRECAST CONC BLOCK
- 2 41" BOTTOM PRECAST CONC BLOCK
- 3 28" TOP PRECAST CONC BLOCK
- 4 CRUSHED DRAINAGE AGGREGATE, 34R
- 5 GEOTEXTILE BLANKET
- 6 CORRUGATED, PERFORATED PE PIPE, 4"
- 7 MAXIMUM EXPOSED WALL HEIGHT
- 8 MINIMUM BURY DEPTH
- 9 FINISH GRADE. SEE PAVING OR LANDSCAPE PLANS FOR RESTORATION MEASURES.
- 10 GENERAL SITE BACKFILL
- 11 SUBGRADE
- 12 MOVE BLOCKS FORWARD DURING INSTALLATION TO ENGAGE SHEAR KNOBS (TYP)
- 13 CRUSHED AGGREGATE, 6A

GENERAL NOTES

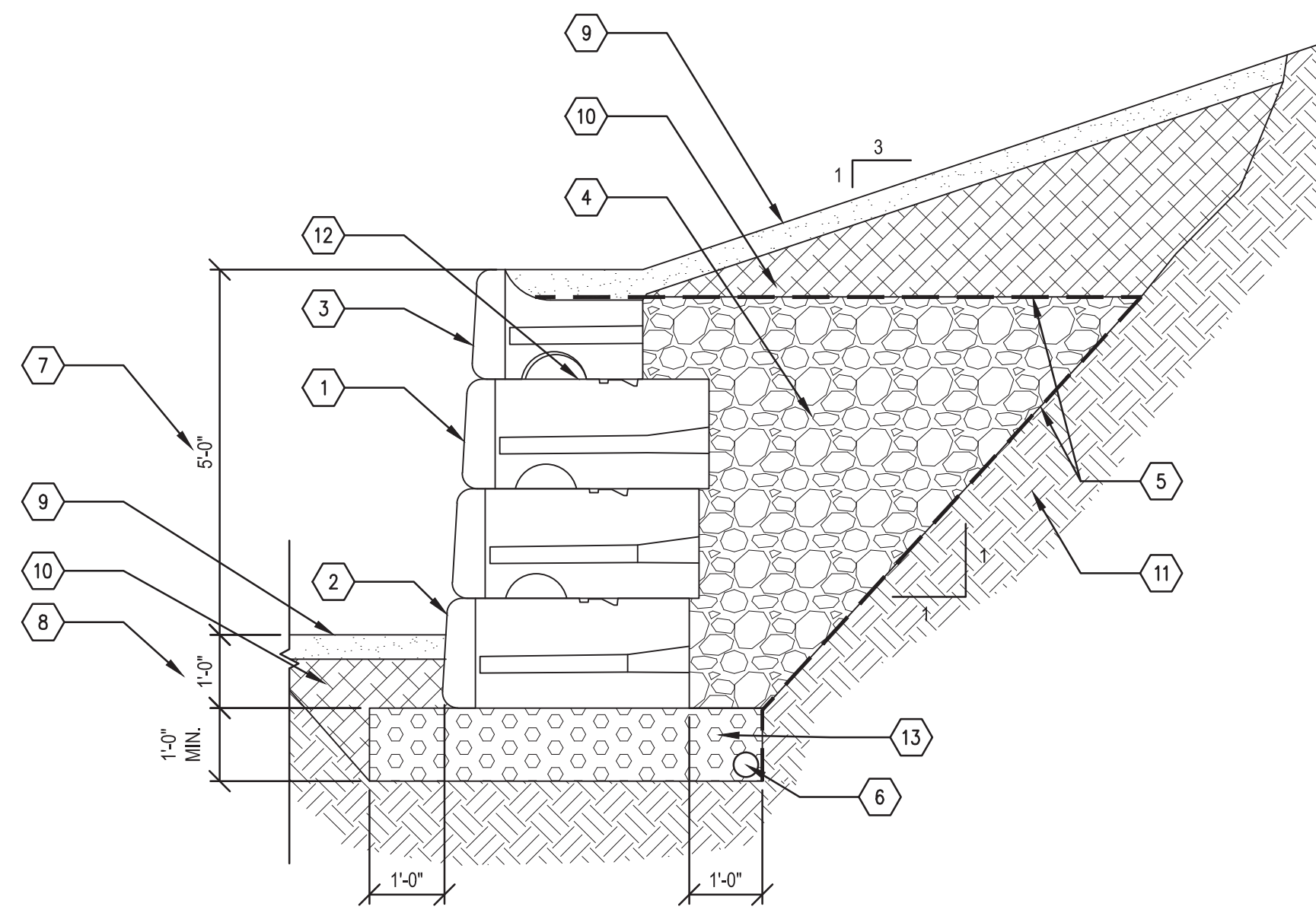
1. PROVIDE AND INSTALL GRAVITY TYPE RETAINING WALL AS SHOWN ON THE PLANS. PAID FOR AS "RETAINING WALL, TYPE 1."
2. WALL SHALL BE A GRAVITY WALL SYSTEM AS DESIGNED AND MANUFACTURED BY REDI-ROCK INTERNATIONAL, INC. WITH GRAY LIMESTONE FINISH, STONE STRONG 6 SF BLOCK OR APPROVED EQUAL.
3. BLOCK DIMENSIONS VARY BY MANUFACTURER. BLOCKS SHOWN IN DETAIL ARE 46" WIDE BY 40" DEEP BY 18" HIGH.
4. SUBMIT SHOP DRAWINGS INCLUDING SECTION AND ELEVATION DETAILS, MANUFACTURER INSTALLATION INSTRUCTIONS, COLOR AND FINISH OPTIONS FOR REVIEW AND APPROVAL.
5. SEE WALL ELEVATIONS FOR VARIATIONS IN CRUSHED AGGREGATE DEPTH AND UNDERDRAIN INVERT ELEVATIONS.



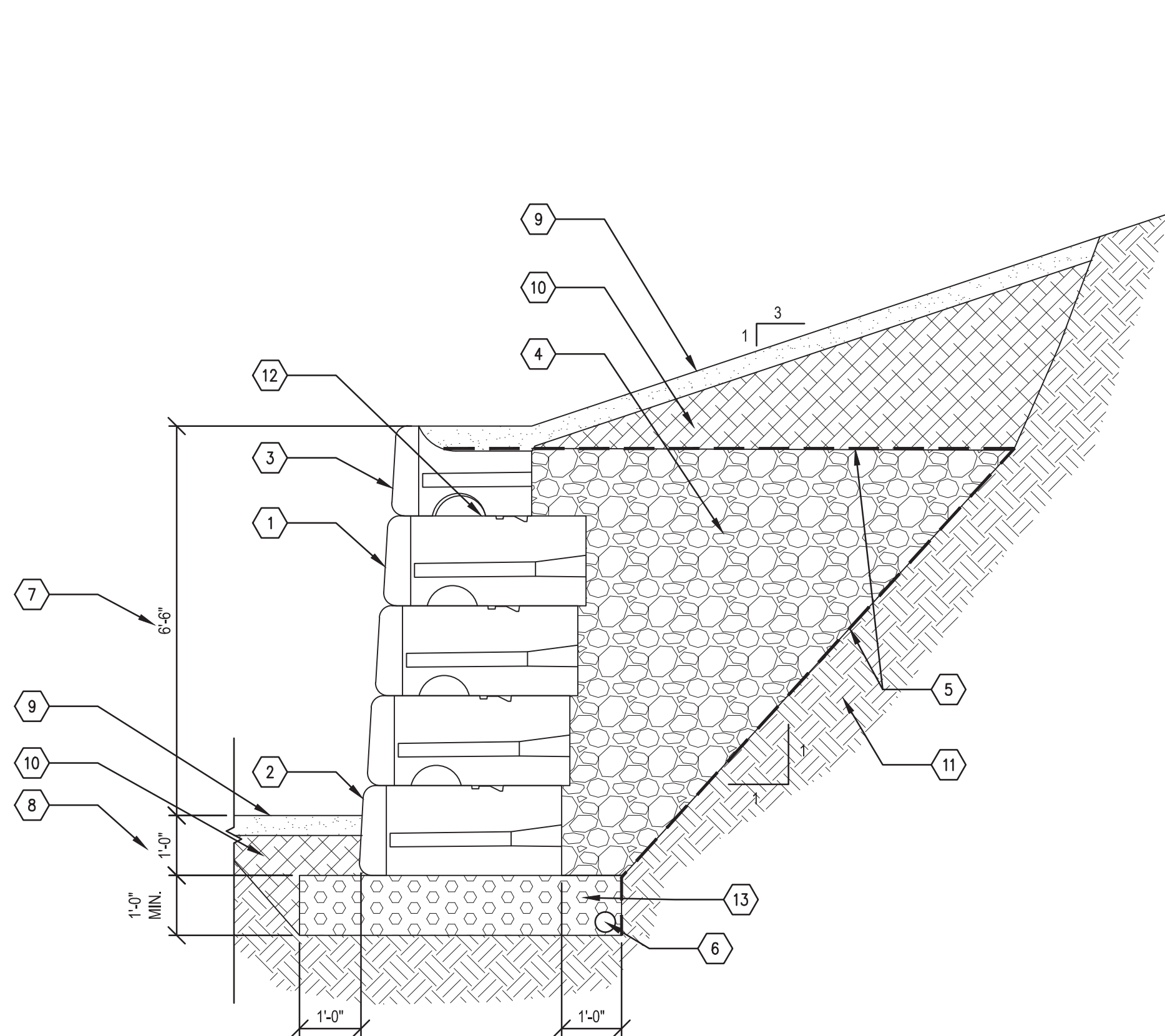
1 RETAINING WALL, TYPE 1, 3'-0" FT HT
SECTION 1/2" = 1'-0"



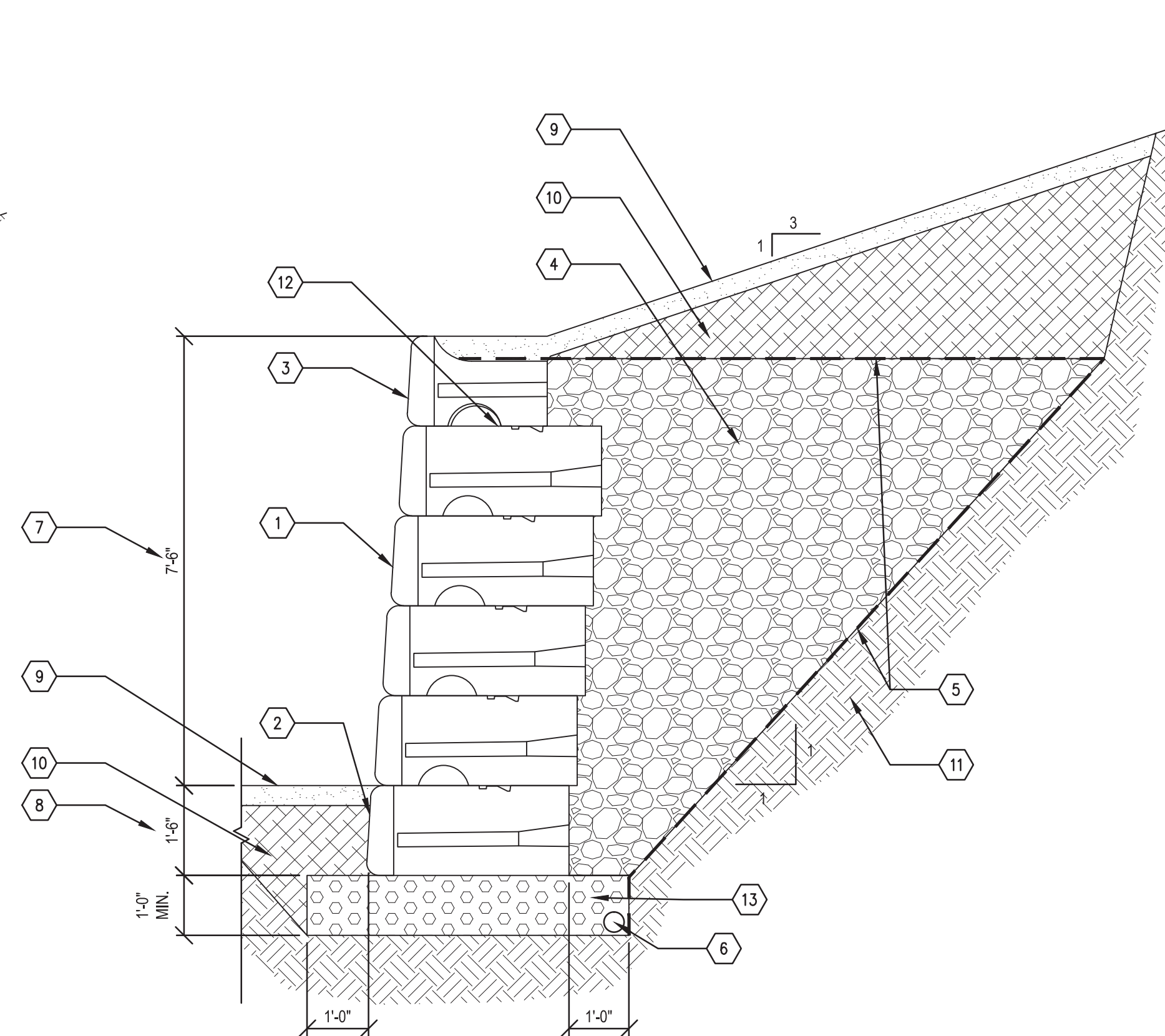
2 RETAINING WALL, TYPE 1, 4'-6" FT HT
SECTION 1/2" = 1'-0"



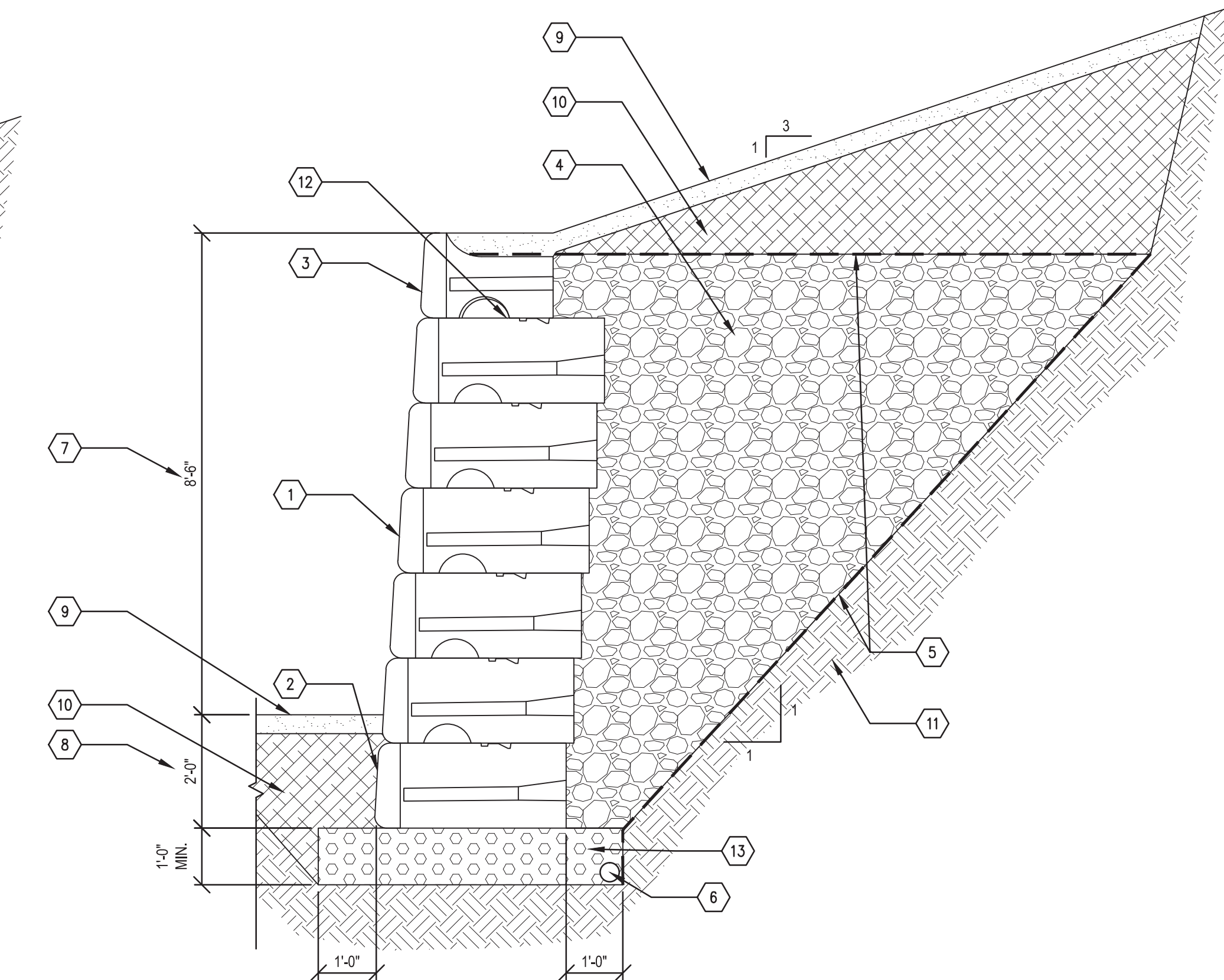
3 RETAINING WALL, TYPE 1, 6'-0" FT HT
SECTION 1/2" = 1'-0"



4 RETAINING WALL, TYPE 1, 7'-6" FT HT
SECTION 1/2" = 1'-0"



5 RETAINING WALL, TYPE 1, 9'-0" FT HT
SECTION 1/2" = 1'-0"

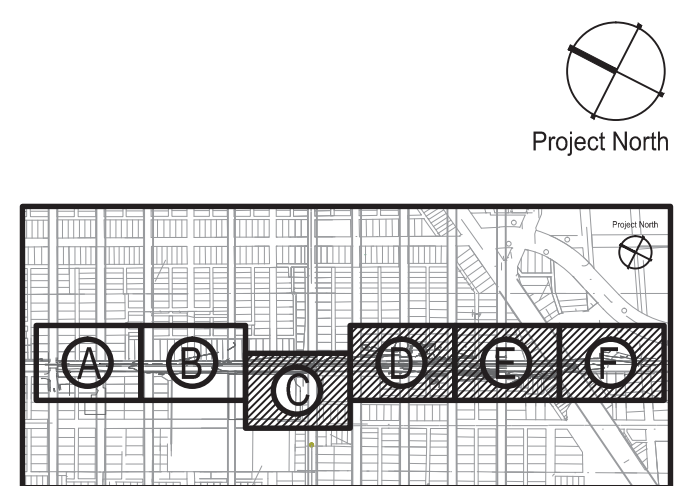


6 RETAINING WALL, TYPE 1, 10'-6" FT HT
SECTION 1/2" = 1'-0"

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**RETAINING WALL TYPE 1
DETAILS**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36) AS NOTED
50572.000

PROJECT NUMBER

DRAWING NUMBER
D-C6.9

69 of 497



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171

Dequindre Cut Phase II

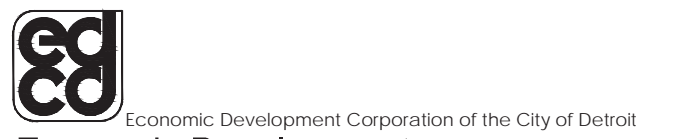
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit

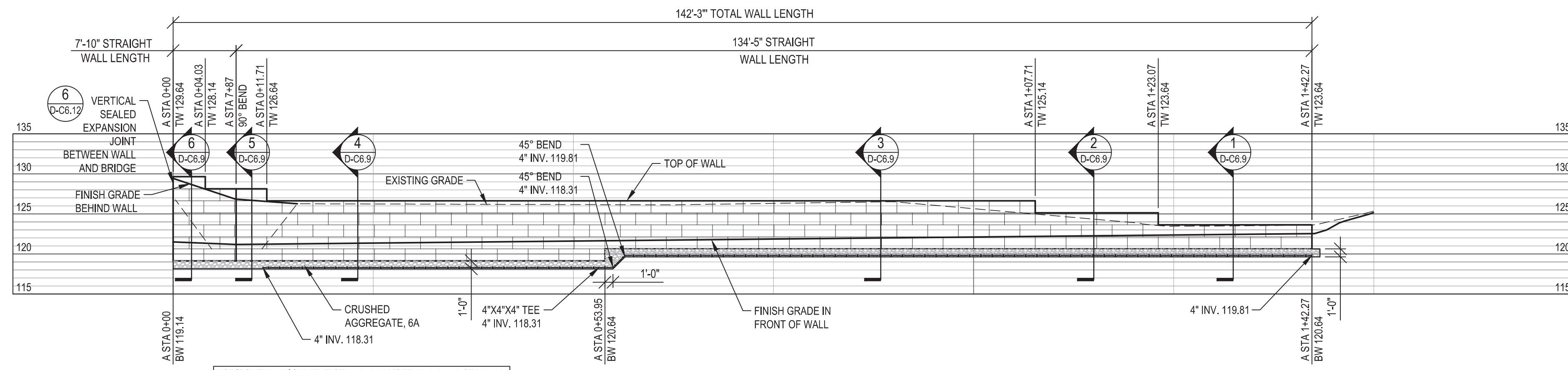


Economic Development
Corporation of the City of Detroit

SMITHGROUP JJR

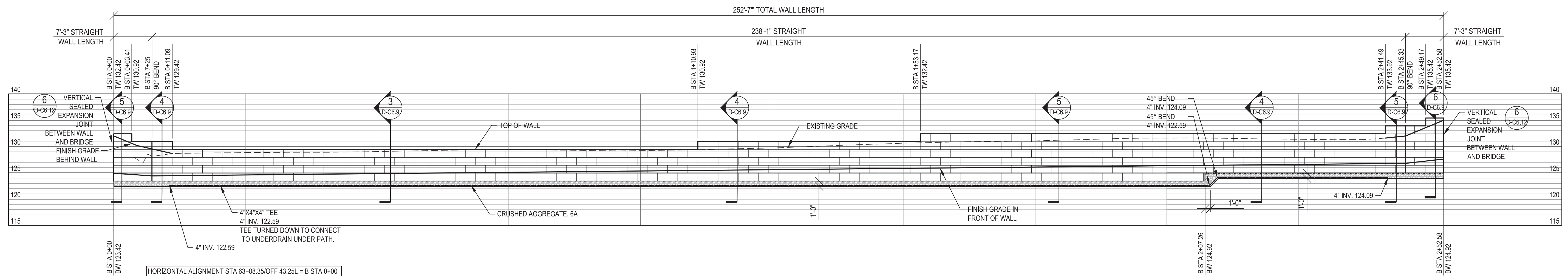
201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

- NOTES:
- SEE LAYOUT PLANS FOR WALL STATION AND OFFSET LOCATIONS REFERENCED TO THE PROJECT HORIZONTAL ALIGNMENT.
 - SEE UTILITY PLANS FOR WALL UNDERDRAIN CONNECTIONS TO STORM SYSTEM.



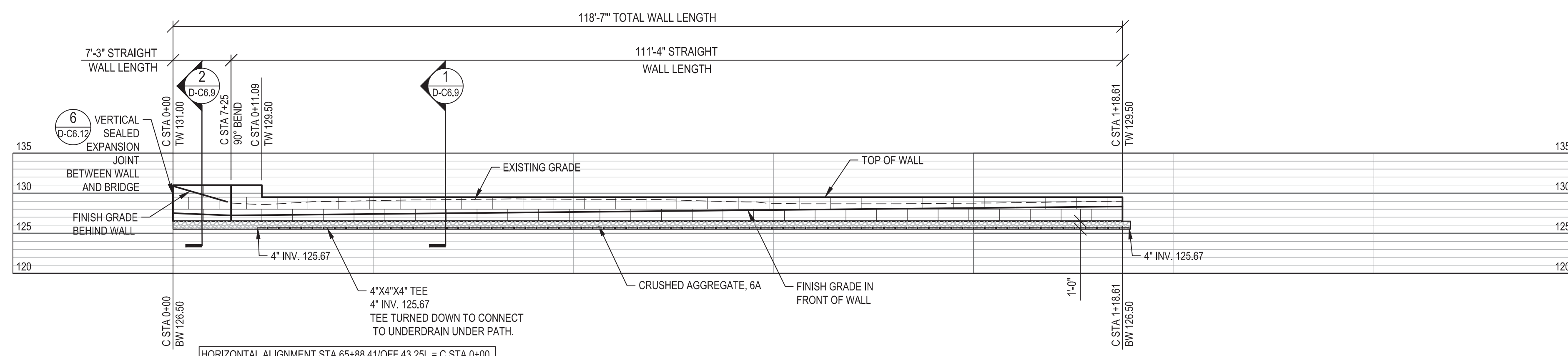
1 RETAINING WALL A ELEVATION (A STA 0+00 TO STA 1+42.27)
ELEVATION

1" = 10'-0"



2 RETAINING WALL B ELEVATION (B STA 0+00 TO STA 2+52.58)
ELEVATION

1" = 10'-0"



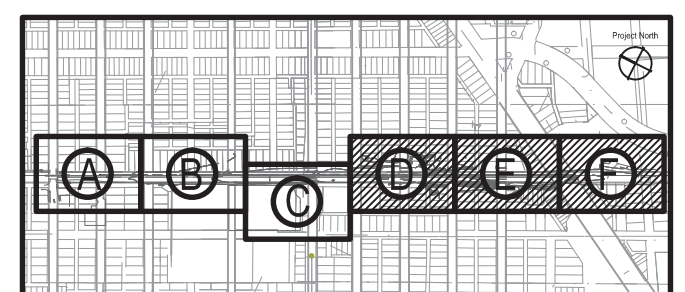
3 RETAINING WALL C ELEVATION (C STA 0+00 TO STA 1+18.61)
ELEVATION

1" = 10'-0"

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
**RETAINING WALL TYPE 1
ELEVATIONS**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
AS NOTED
50572.000

PROJECT NUMBER

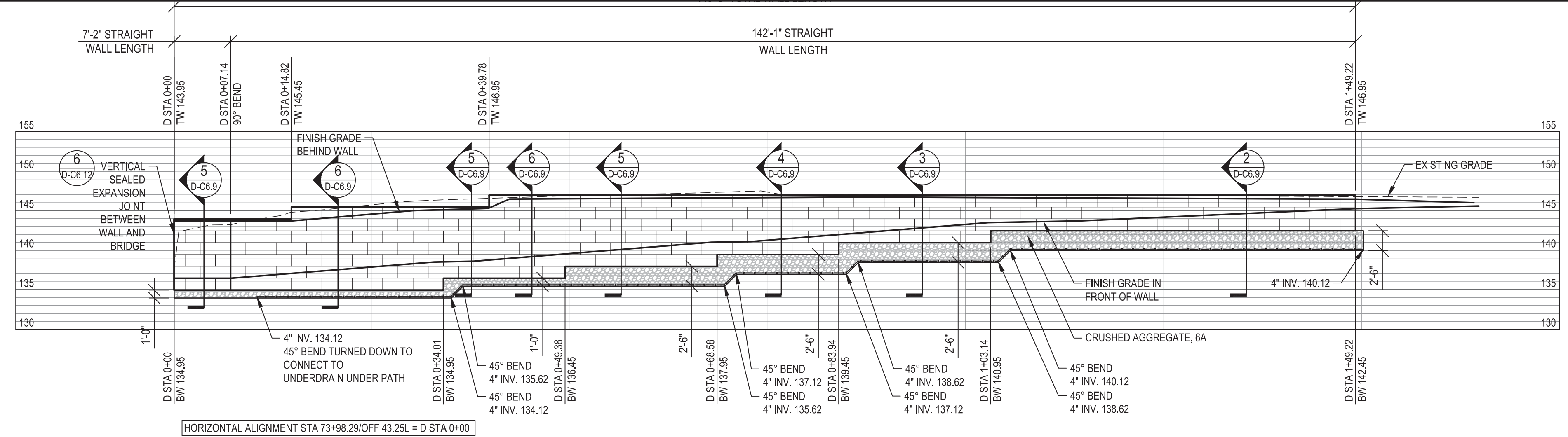
DRAWING NUMBER
D-C6.10

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3 WORKING DAYS
BEFORE YOU DIG
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148'-3" TOTAL WALL LENGTH

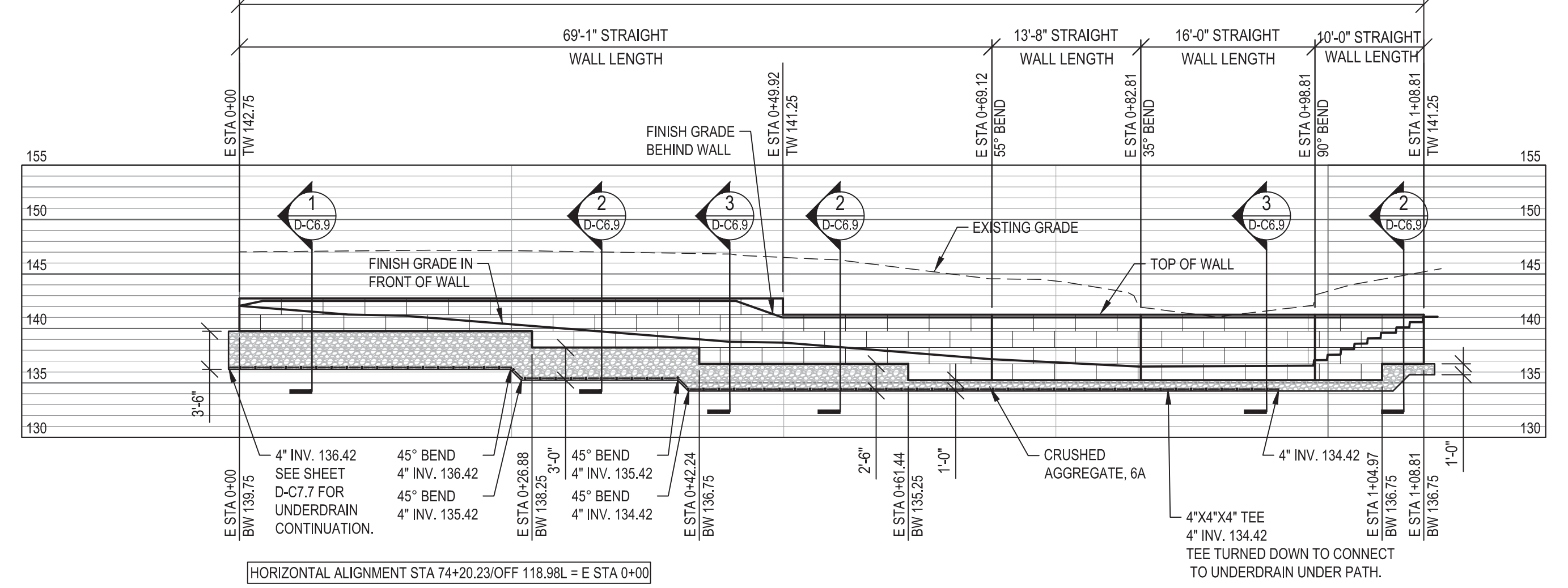


- NOTES:
- SEE LAYOUT PLANS FOR WALL STATION AND OFFSET LOCATIONS REFERRED TO THE PROJECT HORIZONTAL ALIGNMENT.
 - SEE UTILITY PLANS FOR WALL UNDERDRAIN CONNECTIONS TO STORM SYSTEM.

1 RETAINING WALL D ELEVATION (D STA 0+00 TO STA 1+49.22)
ELEVATION

1" = 10'-0"

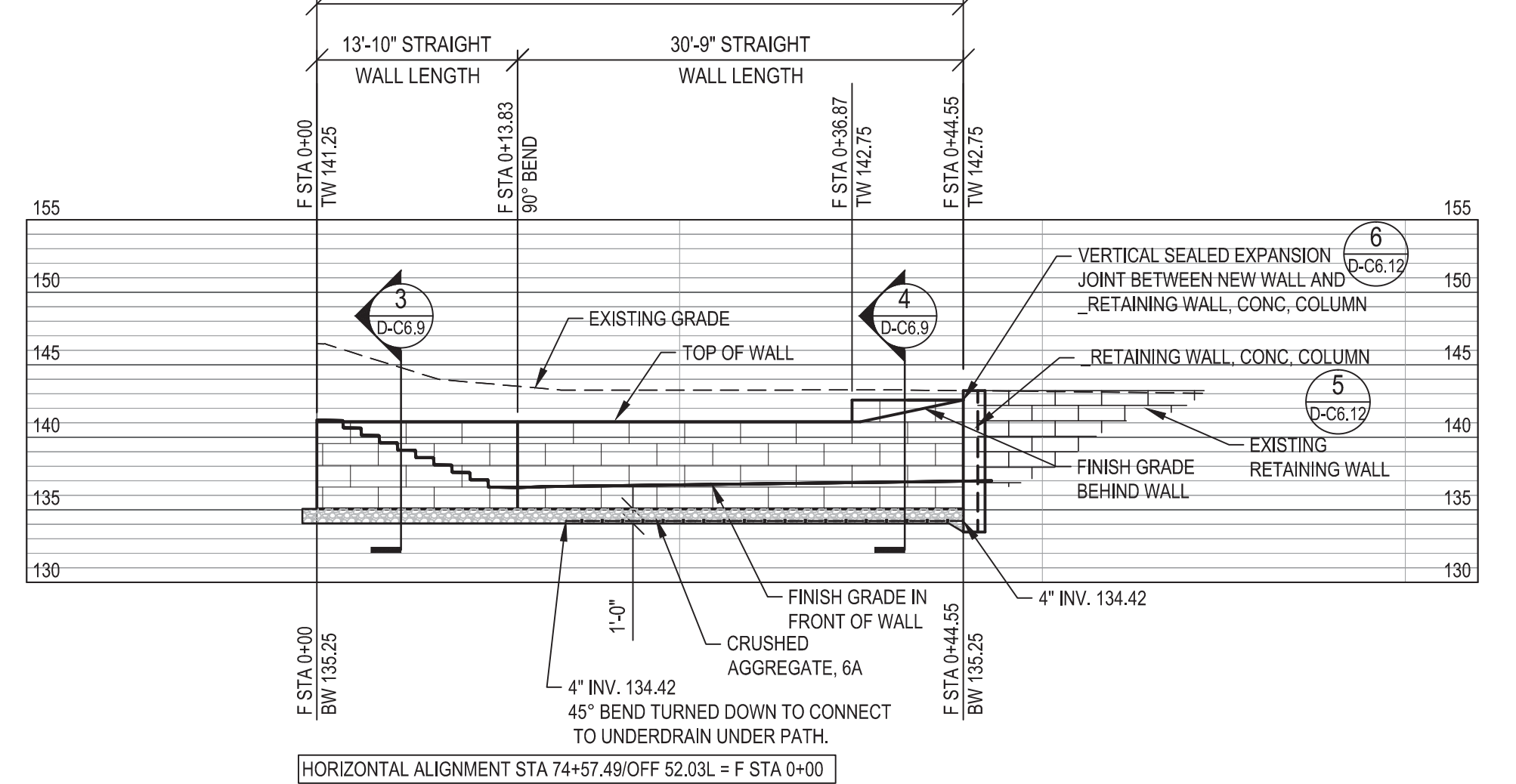
108'-10" TOTAL WALL LENGTH



2 RETAINING WALL E ELEVATION (E STA 0+00 TO STA 1+08.81)
ELEVATION

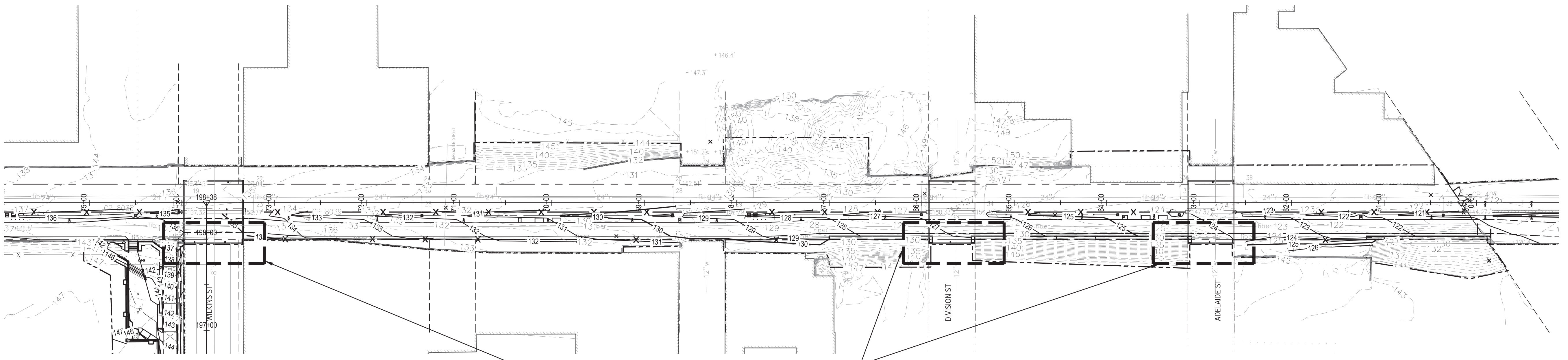
1" = 10'-0"

44'-7" TOTAL WALL LENGTH



3 RETAINING WALL F ELEVATION (F STA 0+00 TO STA 1+44.55)
ELEVATION

1" = 10'-0"



4 RETAINING WALL COORDINATION
PLAN

1" = 60'-0"

COORDINATE END OF WALL CONSTRUCTION WITH APPROPRIATE BRIDGE REMOVAL AND RECONSTRUCTION TEMPORARY SLOPE STABILIZATION MEASURES, INCLUDING BUT NOT LIMITED TO MULCH BLANKET, RIPRAP, TEMPORARY WALLS, MAY BE NECESSARY UNTIL WALL CONSTRUCTION MAY BE COMPLETED TO THE INTO NEW BRIDGE ABUTMENT LOCATIONS. ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT RETAINING WALL AND COORDINATION WITH BRIDGE CONSTRUCTION SHALL BE PAID FOR AS PART OF THE PAY ITEM _RETAINING WALL, TYPE 1.

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development Corporation of the City of Detroit

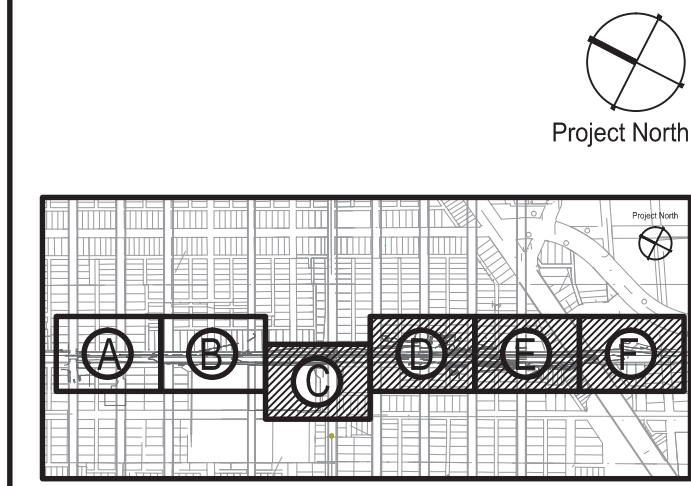
SMITHGROUP JJR

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SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
RETAINING WALL TYPE 1 ELEVATIONS

GRAPHIC SCALE TAKES PRECEDENCE
FULL SIZE SCALE (24x36) AS NOTED
50572.000

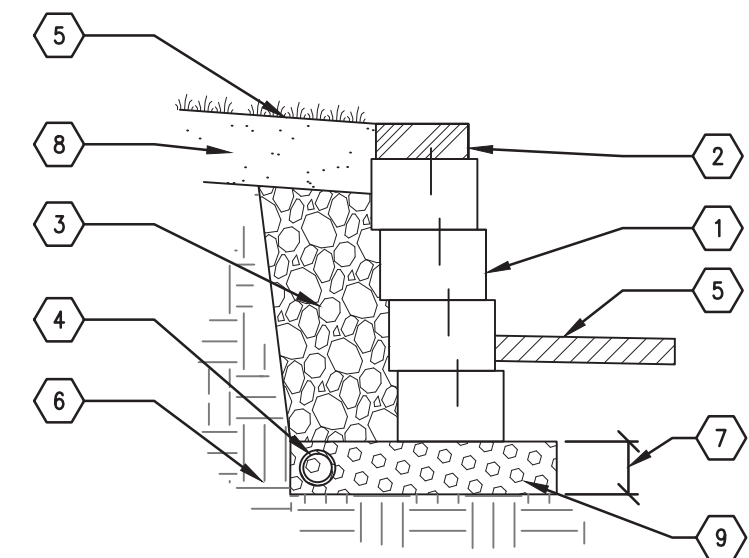
PROJECT NUMBER

DRAWING NUMBER
D-C6.11

71 of 497

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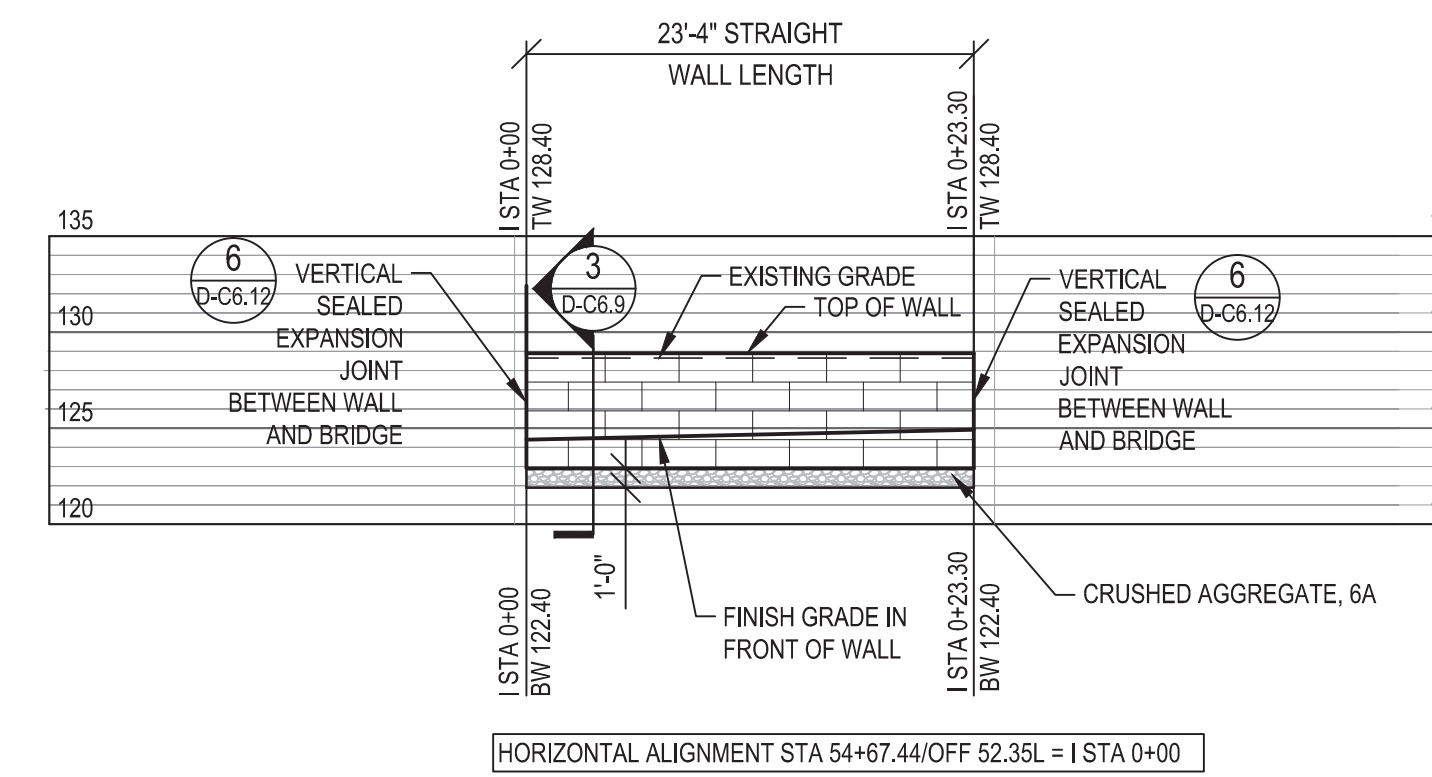
- 1 SEGMENTAL RETAINING WALL UNIT
- 2 CAP UNIT
- 3 CRUSHED DRAINAGE AGGREGATE, 3/4"
- 4 UNDERDRAIN, PIPE, OPEN GRADED, 4 INCH (REFER TO UTILITY PLAN)
- 5 FINISH GRADE, SEE PAVING OR LANDSCAPE PLANS FOR RESTORATION MEASURES.
- 6 EXISTING SUBGRADE
- 7 DEPTH PER WALL ELEVATIONS
- 8 PLANTING MIXTURE, 12 INCH DEPTH
- 9 CRUSHED AGGREGATE, 6A

GENERAL NOTES

1. PROVIDE AND INSTALL SEGMENTAL TYPE RETAINING WALL AS SHOWN ON THE PLANS, PAID FOR AS RETAINING WALL, TYPE 2.
2. WALL SHALL BE A SEGMENTAL WALL SYSTEM AS DESIGNED AND MANUFACTURED BY KEYSTONE USING COMPACT STRAIGHT UNITS WITH CONCRETE GRAY FINISH, UNLOCK - PISA2 OR APPROVED EQUAL.
3. BLOCK DIMENSIONS VARY BY MANUFACTURER. BLOCKS SHOWN IN DETAIL ARE 18" WIDE BY 12" DEEP BY 8" HIGH.
4. SUBMIT SHOP DRAWINGS INCLUDING SECTION AND ELEVATION DETAILS, MANUFACTURER INSTALLATION INSTRUCTIONS, COLOR AND FINISH OPTIONS FOR REVIEW AND APPROVAL.
5. SEE WALL ELEVATIONS FOR VARIATIONS IN CRUSHED AGGREGATE DEPTH AND UNDERDRAIN INVERT ELEVATIONS.

1 RETAINING WALL, TYPE 2
SECTION

1/2" = 1'-0"

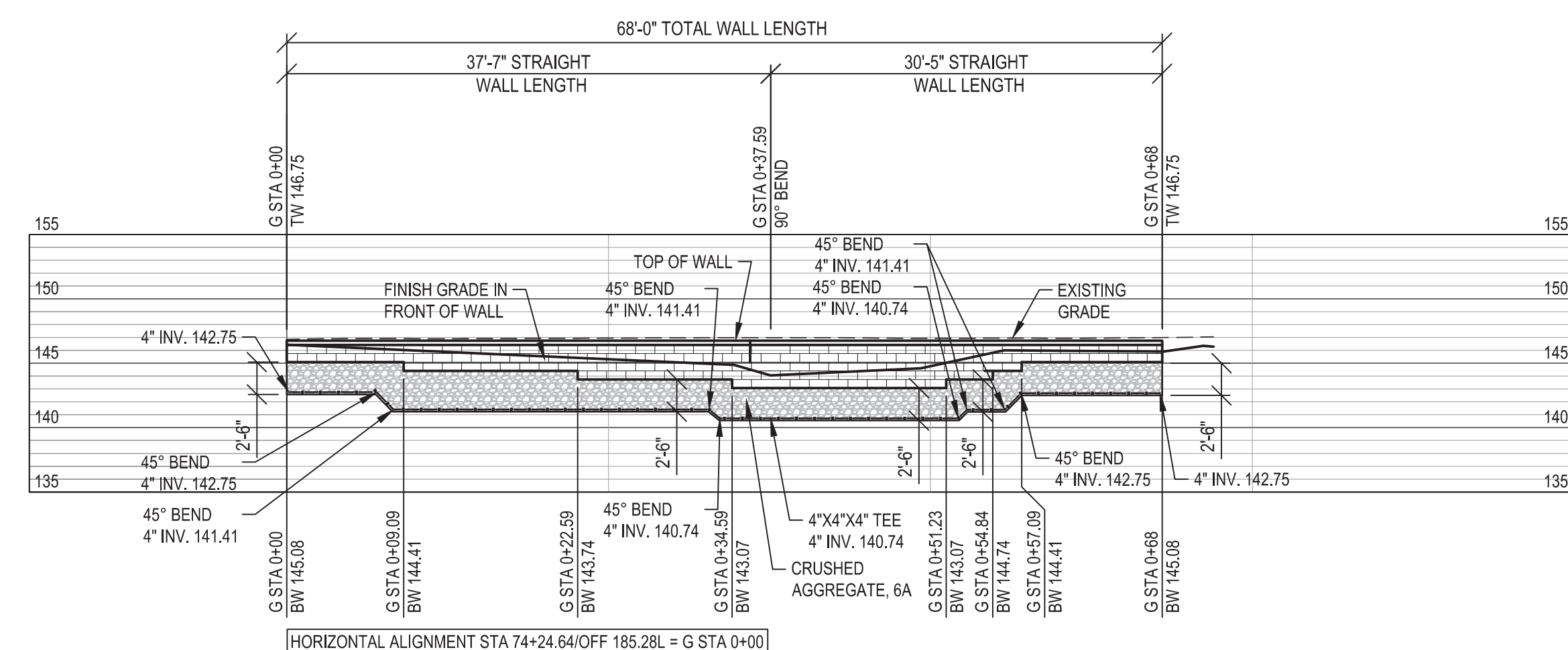


2 RETAINING WALL I ELEVATION (I STA 0+00 TO STA 0+23.30)
ELEVATION

1" = 10'-0"

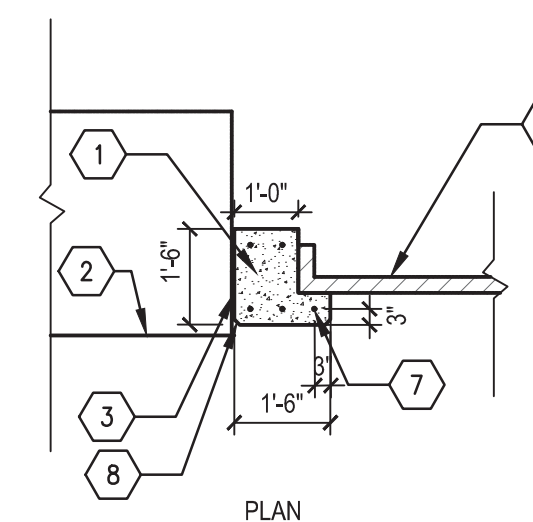
NOTES:

1. SEE LAYOUT PLANS FOR WALL STATION AND OFFSET LOCATIONS REFERENCED TO THE PROJECT HORIZONTAL ALIGNMENT.
2. SEE UTILITY PLANS FOR WALL UNDERDRAIN CONNECTIONS TO STORM SYSTEM.



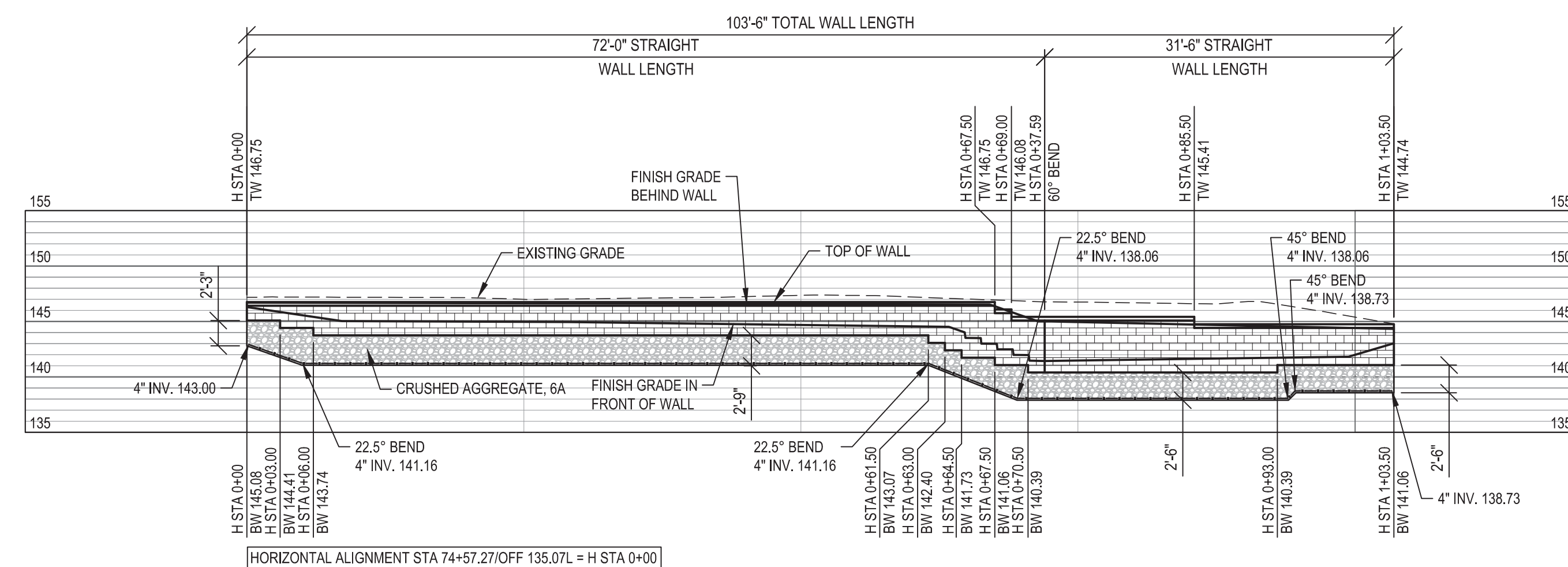
3 RETAINING WALL G ELEVATION (G STA 0+00 TO STA 0+68)
ELEVATION

1" = 10'-0"



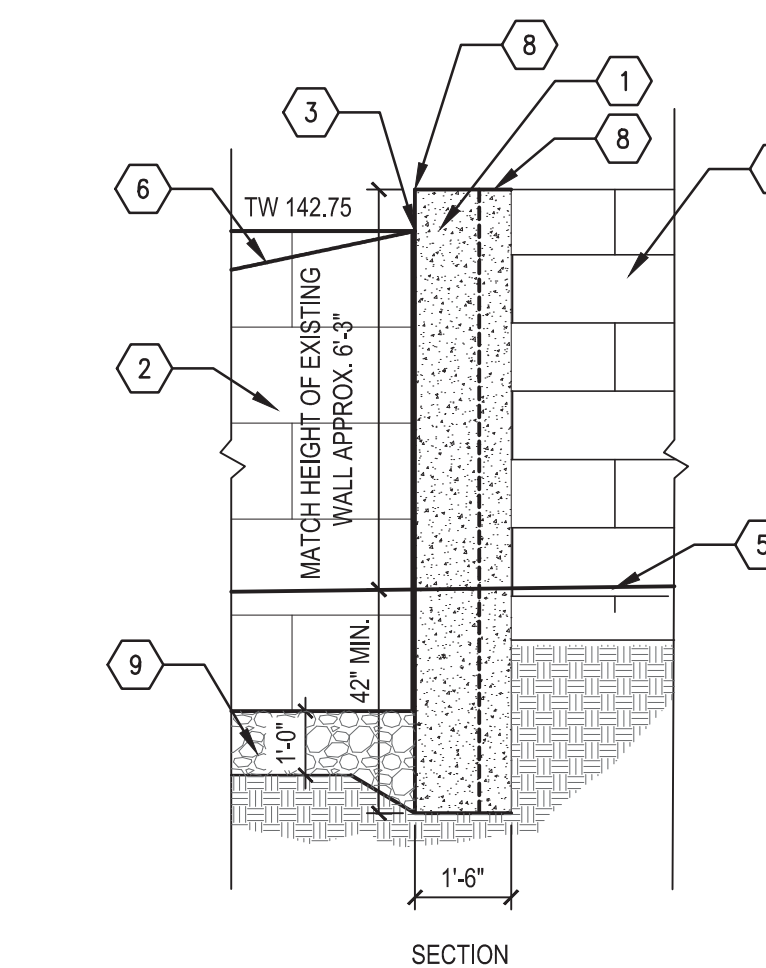
NOTES:

1. THE CONTRACTOR WILL TAKE CARE TO PROTECT EXISTING WALL.
2. FIELD VERIFY EXISTING WALL CONDITIONS PRIOR TO DEMO, VERIFY SAW CUT LINE WITH ENGINEER.



4 RETAINING WALL H ELEVATION (H STA 0+00 TO STA 1+03.50)
ELEVATION

1" = 10'-0"



5 RETAINING WALL, CONC, COLUMN
SECTION

1" = 3'

- 1 REINFORCED CONCRETE COLUMN
- 2 RETAINING WALL F ELEVATION (3) (D-C6.12)
- 3 VERTICAL SEALED EXPANSION JOINT (6) (D-C6.12)
- 4 EXISTING WALL
- 5 FINISHED GRADE
- 6 FINISHED GRADE BEHIND WALL
- 7 #4 REBAR, CONTINUOUS, TYP.
- 8 1" CHAMFER ON EDGES
- 9 CRUSHED AGGREGATE, 6A

Dequindre Cut
Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

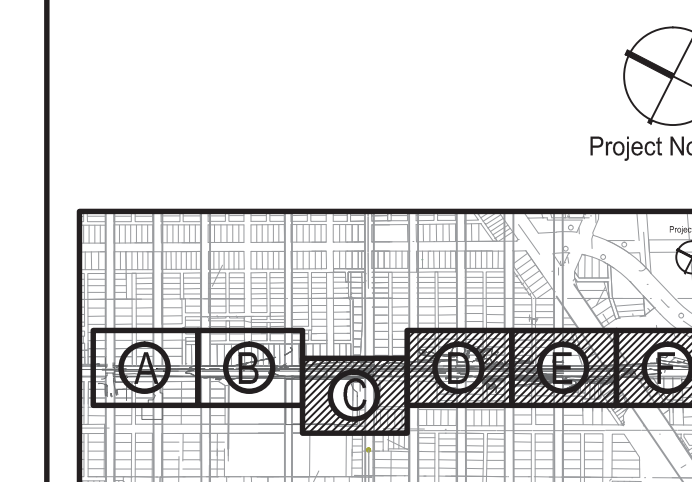
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

RETAINING WALL TYPE 2
DETAILS AND
ELEVATIONS

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)

AS NOTED

50572.000

PROJECT NUMBER

D-C6.12

DRAWING NUMBER

72 of 497



3 WORKING DAYS
BEFORE YOU DIG
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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

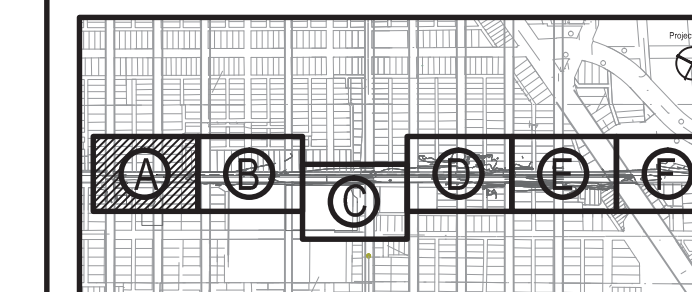
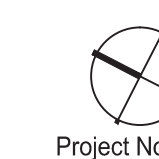
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ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
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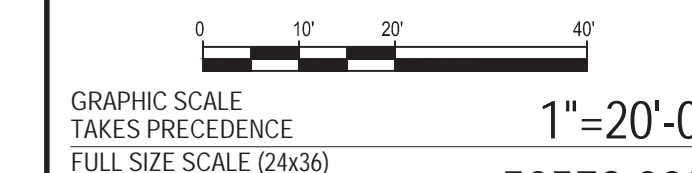
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

UTILITY PLAN - AREA A



GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER

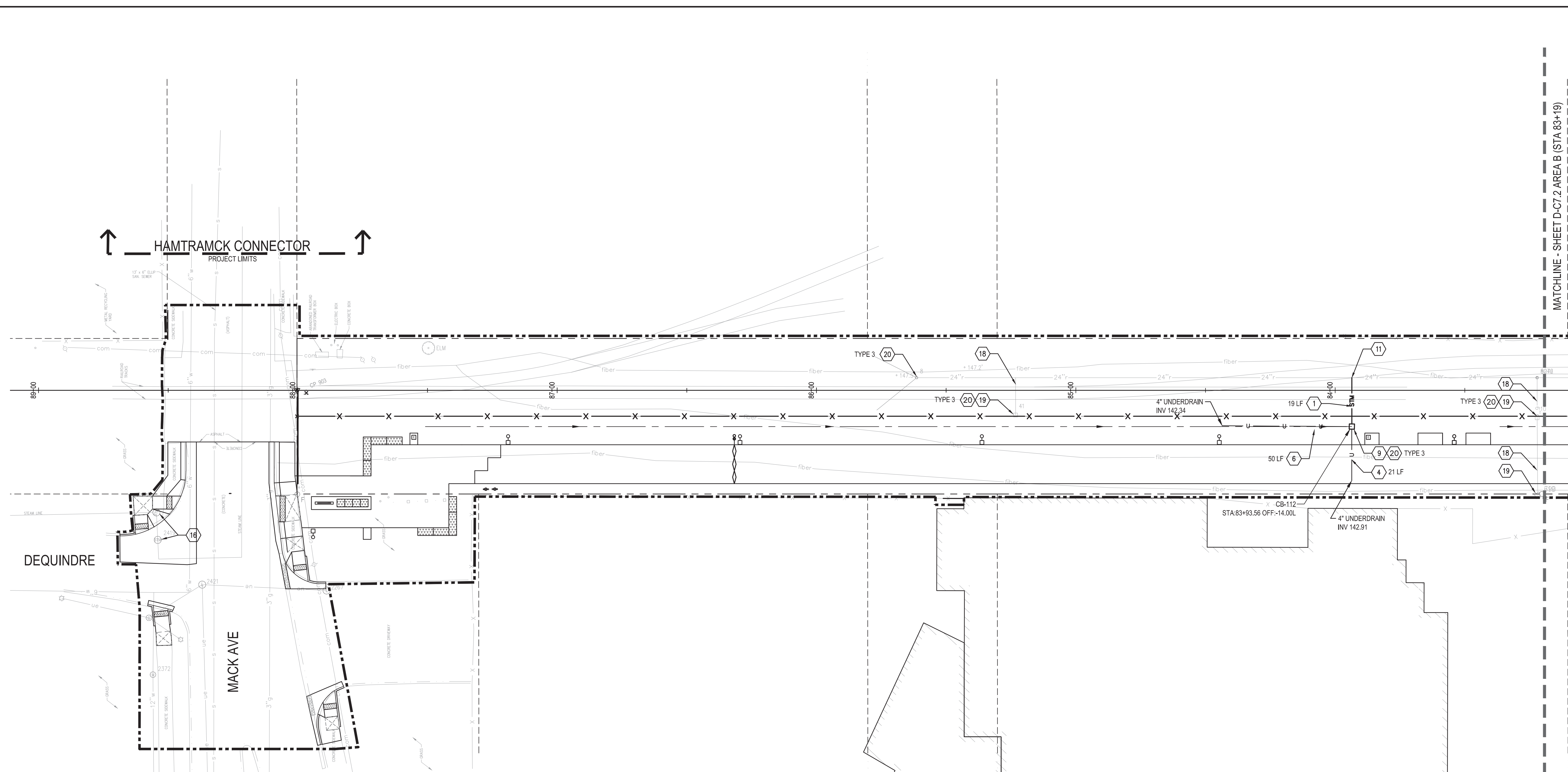
D-C7.1

DRAWING NUMBER

73 of 497



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171



DEQUINDRE CUT GREENWAY - PHASE II			
UTILITY KEY NOTES AND LEGEND			
	CONSTRUCTION LIMIT LINE	12	DR STRUCTURE TAP, 6 INCH
	RIGHT - OF - WAY LINE	13	DR STRUCTURE TAP, 8 INCH
	MATCH LINE	14	DR STRUCTURE, REM
	HORIZONTAL ALIGNMENT	15	SEWER, REM, LESS THAN 24 INCH
	ADJACENT PROJECT	16	_DR STRUCTURE COVER, ADJ, CASE 1, MODIFIED
1	STM	17	_DR STRUCTURE COVER, ADJ, CASE 2, MODIFIED
2	STM	18	_DR STRUCTURE LEAD, CLEANING, MODIFIED
3	STM	19	_DR STRUCTURE, CLEANING
4	u	20	_DR STRUCTURE COVER, TYPE __, MODIFIED
5	u	21	HH, REM
6		22	HH, TYPE D
7		23	_WATER MAIN, REM
8		24	_HYDRANT, RELOCATE, CASE 1, MODIFIED
9		25	RELOCATE FIBER OPTIC (BY OTHERS)
10		26	GAS BOX ADJUSTMENT (BY OTHERS)
11		27	SAN
			_SEWER, CLASS A, 6", TR DET B, MODIFIED

D-C7.1 - UTILITY

QTY	UNIT	ITEM DESCRIPTION
0	Ft	Sewer, Rem, Less than 24 inch
0	Ea	Dr Structure, Rem
2	Ea	_Dr Structure Cover, Adj, Case 1, Modified
0	Ea	_Dr Structure Cover, Adj, Case 2, Modified
0	Ea	_Dr Structure Cover, Type 1, Modified
0	Ea	_Dr Structure Cover, Type 2, Modified
4	Ea	_Dr Structure Cover, Type 3, Modified
0	Ft	_Sewer, CI A, 6 inch, Tr Det B, Modified
19	Ft	_Sewer, CI A, 8 inch, Tr Det A, Modified
0	Ft	_Sewer, CI A, 8 inch, Tr Det B, Modified
0	Ft	_Sewer, CI A, 12 inch, Tr Det B, Modified
0	Ft	_Infiltration Swale and Underdrain
71	Ft	Underdrain, Pipe, Open Graded, 4 inch
0	Ft	Underdrain, Pipe, Open Graded, 6 inch
0	Ea	Dr Structure, Tap, 6 inch
0	Ea	Dr Structure, Tap, 8 inch
1	Ea	_Sewer Tap, Modified
1	Ea	Dr Structure, 24 inch dia
0	Ea	Dr Structure, 48 inch dia
59	Ft	Dr Structure Lead, Cleaning, 12 inch
3	Ea	Dr Structure, Cleaning
0	Ea	_Hydrant, Relocate, Case 1, Modified
0	Ft	_Water Main, Rem
1	Ea	Erosion Control, Inlet Protection, Fabric Drop

FILE: \\p001-filenet\Projects\50572.000\CAD\Sheet\50572-UTIL-SHT.dwg USER: jgreene DATE: May, 22, 2013 TIME: 11:29 am

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

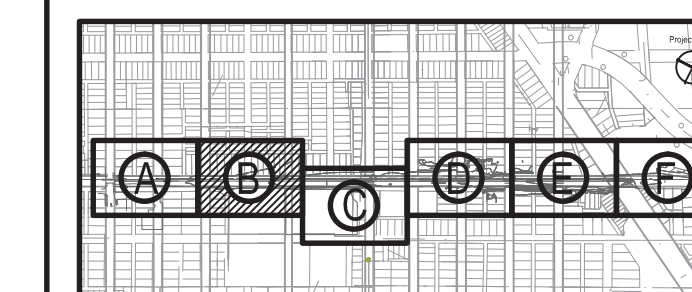
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

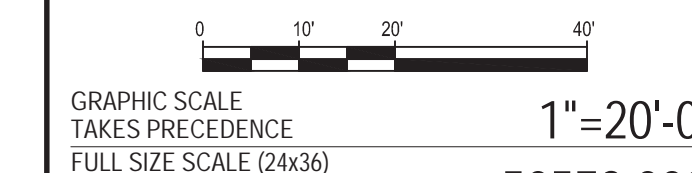
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

UTILITY PLAN - AREA B



GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER

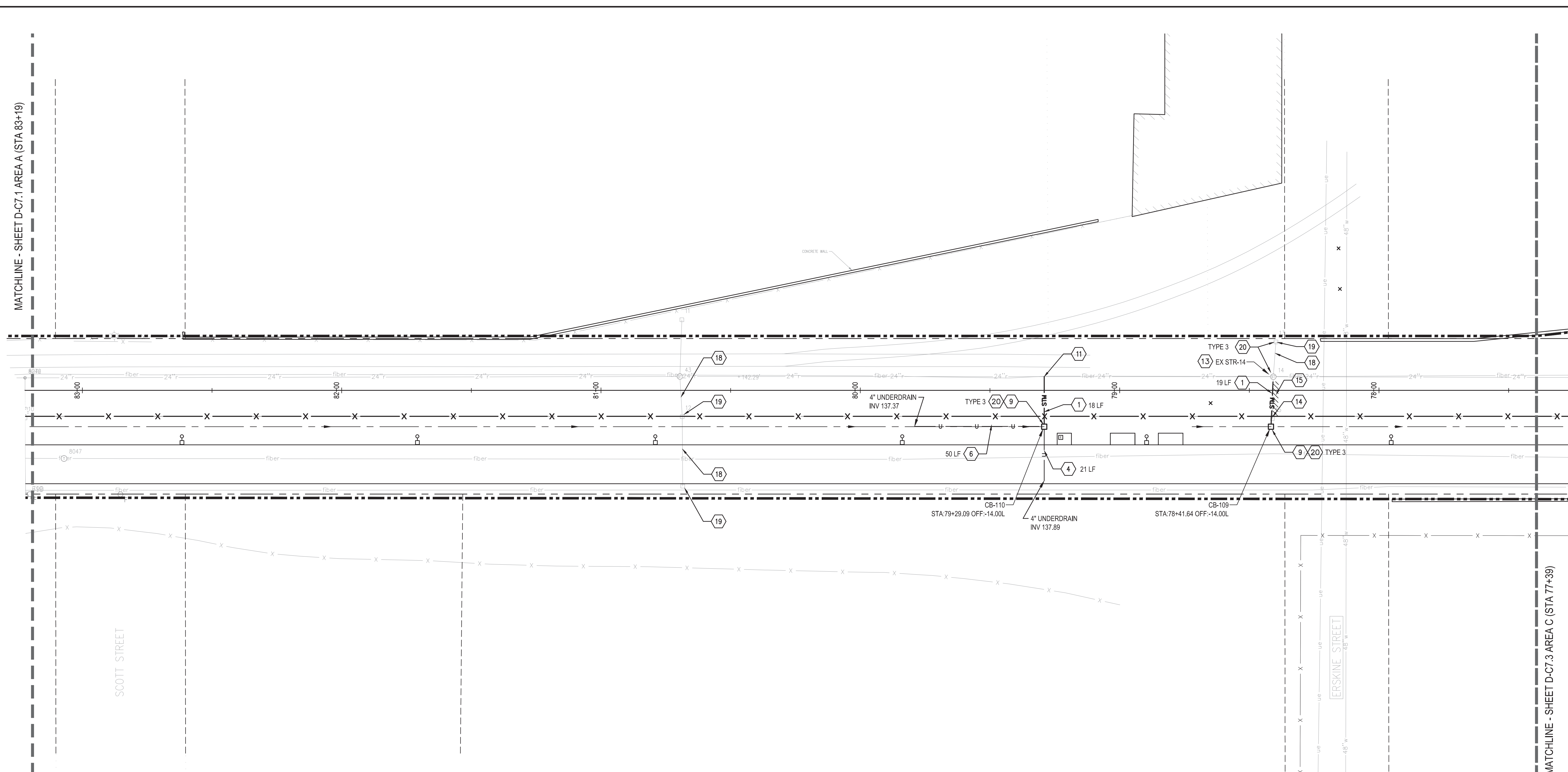
D-C7.2

DRAWING NUMBER

74 of 497



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171



DEQUINDRE CUT GREENWAY - PHASE II			
UTILITY KEY NOTES AND LEGEND			
	CONSTRUCTION LIMIT LINE	12	DR STRUCTURE TAP, 6 INCH
	RIGHT - OF - WAY LINE	13	DR STRUCTURE TAP, 8 INCH
	MATCH LINE	14	DR STRUCTURE, REM
	HORIZONTAL ALIGNMENT	15	SEWER, REM, LESS THAN 24 INCH
	ADJACENT PROJECT	16	_DR STRUCTURE COVER, ADJ, CASE 1, MODIFIED
	_SEWER, CLASS A, 8", TR DET A, MODIFIED	17	_DR STRUCTURE COVER, ADJ, CASE 2, MODIFIED
	_SEWER, CLASS A, 8", TR DET B, MODIFIED	18	_DR STRUCTURE LEAD, CLEANING, MODIFIED
	_SEWER, CLASS A, 12", TR DET B, MODIFIED	19	_DR STRUCTURE, CLEANING
	UNDERDRAIN, PIPE, OPEN GRADED, 4 INCH	20	_DR STRUCTURE COVER, TYPE __, MODIFIED
	UNDERDRAIN, PIPE, OPEN GRADED, 6 INCH	21	HH, REM
	_INFILTRATION SWALE AND UNDERDRAIN	22	HH, TYPE D
	DR STRUCTURE, 48 INCH DIA (MANHOLE)	23	_WATER MAIN, REM
	DR STRUCTURE, 24 INCH DIA	24	_HYDRANT, RELOCATE, CASE I, MODIFIED
	DR STRUCTURE, 24 INCH DIA (WITH TRAP)	25	RELOCATE FIBER OPTIC (BY OTHERS)
	DR STRUCTURE, 48 INCH DIA	26	GAS BOX ADJUSTMENT (BY OTHERS)
	_DIRECT TAP	27	_SEWER, CLASS A, 6", TR DET B, MODIFIED

D-C7.2 - UTILITY

QTY	UNIT	ITEM DESCRIPTION
16	Ft	Sewer, Rem, Less than 24 inch
1	Ea	Dr Structure, Rem
0	Ea	_Dr Structure Cover, Adj, Case 1, Modified
0	Ea	_Dr Structure Cover, Adj, Case 2, Modified
0	Ea	_Dr Structure Cover, Type 1, Modified
0	Ea	_Dr Structure Cover, Type 2, Modified
4	Ea	_Dr Structure Cover, Type 3, Modified
0	Ft	_Sewer, CI A, 6 inch, Tr Det B, Modified
37	Ft	_Sewer, CI A, 8 inch, Tr Det A, Modified
0	Ft	_Sewer, CI A, 8 inch, Tr Det B, Modified
0	Ft	_Sewer, CI A, 12 inch, Tr Det B, Modified
0	Ft	_Infiltration Swale and Underdrain
71	Ft	Underdrain, Pipe, Open Graded, 4 inch
0	Ft	Underdrain, Pipe, Open Graded, 6 inch
0	Ea	Dr Structure, Tap, 6 inch
1	Ea	Dr Structure, Tap, 8 inch
1	Ea	_Sewer Tap, Modified
2	Ea	Dr Structure, 24 inch dia
0	Ea	Dr Structure, 48 inch dia
55	Ft	Dr Structure Lead, Cleaning, 12 inch
2	Ea	Dr Structure, Cleaning
0	Ea	_Hydrant, Relocate, Case 1, Modified
0	Ft	_Water Main, Rem
2	Ea	Erosion Control, Inlet Protection, Fabric Drop

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

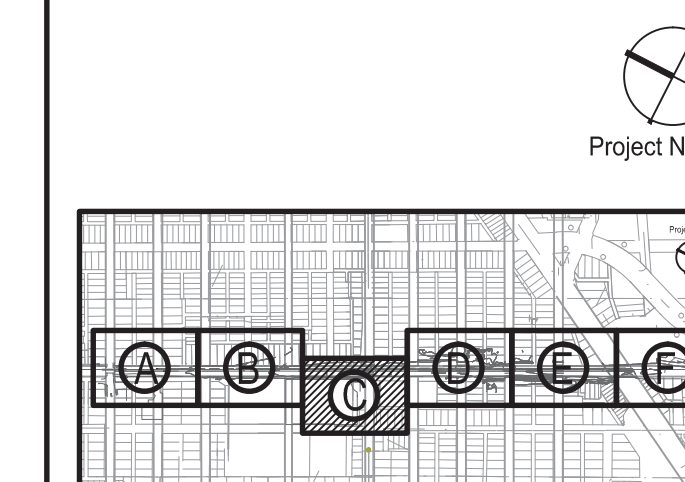
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ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
UTILITY PLAN - AREA C

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50752.000

PROJECT NUMBER

D-C7.3

DRAWING NUMBER

75 of 497

MATCHLINE - SHEET D-C7.2 AREA B (STA 77+39)

MATCHLINE - SHEET D-C7.4 AREA D (STA 71+59)

DEQUINDRE CUT GREENWAY - PHASE II

UTILITY KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE	12	DR STRUCTURE TAP, 6 INCH
	RIGHT-OF-WAY LINE	13	DR STRUCTURE TAP, 8 INCH
	MATCH LINE	14	DR STRUCTURE, REM
	HORIZONTAL ALIGNMENT	15	SEWER, REM, LESS THAN 24 INCH
	ADJACENT PROJECT	16	_DR STRUCTURE COVER, ADJ, CASE 1, MODIFIED
	_SEWER, CLASS A, 8", TR DET A, MODIFIED	17	_DR STRUCTURE COVER, ADJ, CASE 2, MODIFIED
	_SEWER, CLASS A, 8", TR DET B, MODIFIED	18	_DR STRUCTURE LEAD, CLEANING, MODIFIED
	_SEWER, CLASS A, 12", TR DET B, MODIFIED	19	_DR STRUCTURE, CLEANING
	UNDERDRAIN, PIPE, OPEN GRADED, 4 INCH	20	_DR STRUCTURE COVER, TYPE __, MODIFIED
	UNDERDRAIN, PIPE, OPEN GRADED, 6 INCH	21	HH, REM
	_INFILTRATION SWALE AND UNDERDRAIN	22	HH, TYPE D
	DR STRUCTURE, 48 INCH DIA (MANHOLE)	23	_WATER MAIN, REM
	DR STRUCTURE, 24 INCH DIA	24	_HYDRANT, RELOCATE, CASE I, MODIFIED
	DR STRUCTURE, 24 INCH DIA (WITH TRAP)	25	RELOCATE FIBER OPTIC (BY OTHERS)
	DR STRUCTURE, 48 INCH DIA	26	GAS BOX ADJUSTMENT (BY OTHERS)
	_DIRECT TAP	27	_SEWER, CLASS A, 6", TR DET B, MODIFIED

D-C7.3 - UTILITY

QTY	UNIT	ITEM DESCRIPTION
84	Ft	Sewer, Rem, Less than 24 inch
4	Ea	Dr Structure, Rem
0	Ea	_Dr Structure Cover, Adj, Case 1, Modified
0	Ea	_Dr Structure Cover, Adj, Case 2, Modified
1	Ea	_Dr Structure Cover, Type 1, Modified
1	Ea	_Dr Structure Cover, Type 2, Modified
7	Ea	_Dr Structure Cover, Type 3, Modified
36	Ft	_Sewer, CI A, 6 inch, Tr Det B, Modified
19	Ft	_Sewer, CI A, 8 inch, Tr Det A, Modified
25	Ft	_Sewer, CI A, 8 inch, Tr Det B, Modified
12	Ft	_Sewer, CI A, 12 inch, Tr Det B, Modified
127	Ft	_Infiltration Swale and Underdrain
579	Ft	Underdrain, Pipe, Open Graded, 4 inch
84	Ft	Underdrain, Pipe, Open Graded, 6 inch
1	Ea	Dr Structure, Tap, 6 inch
1	Ea	Dr Structure, Tap, 8 inch
0	Ea	_Sewer Tap, Modified
2	Ea	Dr Structure, 24 inch dia
2	Ea	Dr Structure, 48 inch dia
48	Ft	Dr Structure Lead, Cleaning, 12 inch
3	Ea	Dr Structure, Cleaning
1	Ea	_Hydrant, Relocate, Case 1, Modified
59	Ft	_Water Main, Rem
3	Ea	Erosion Control, Inlet Protection, Fabric Drop

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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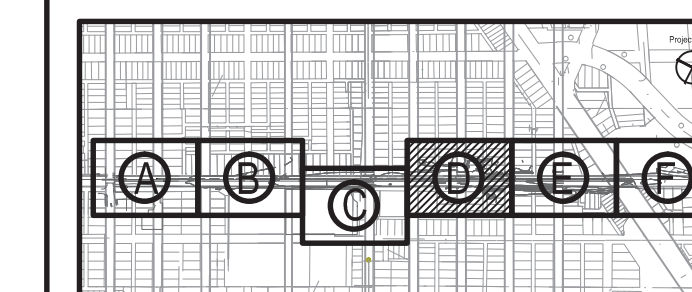
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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN

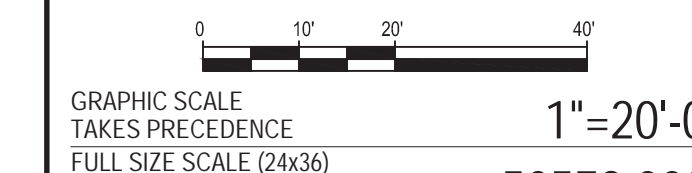


Project North



DRAWING TITLE

UTILITY PLAN - AREA D



GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER

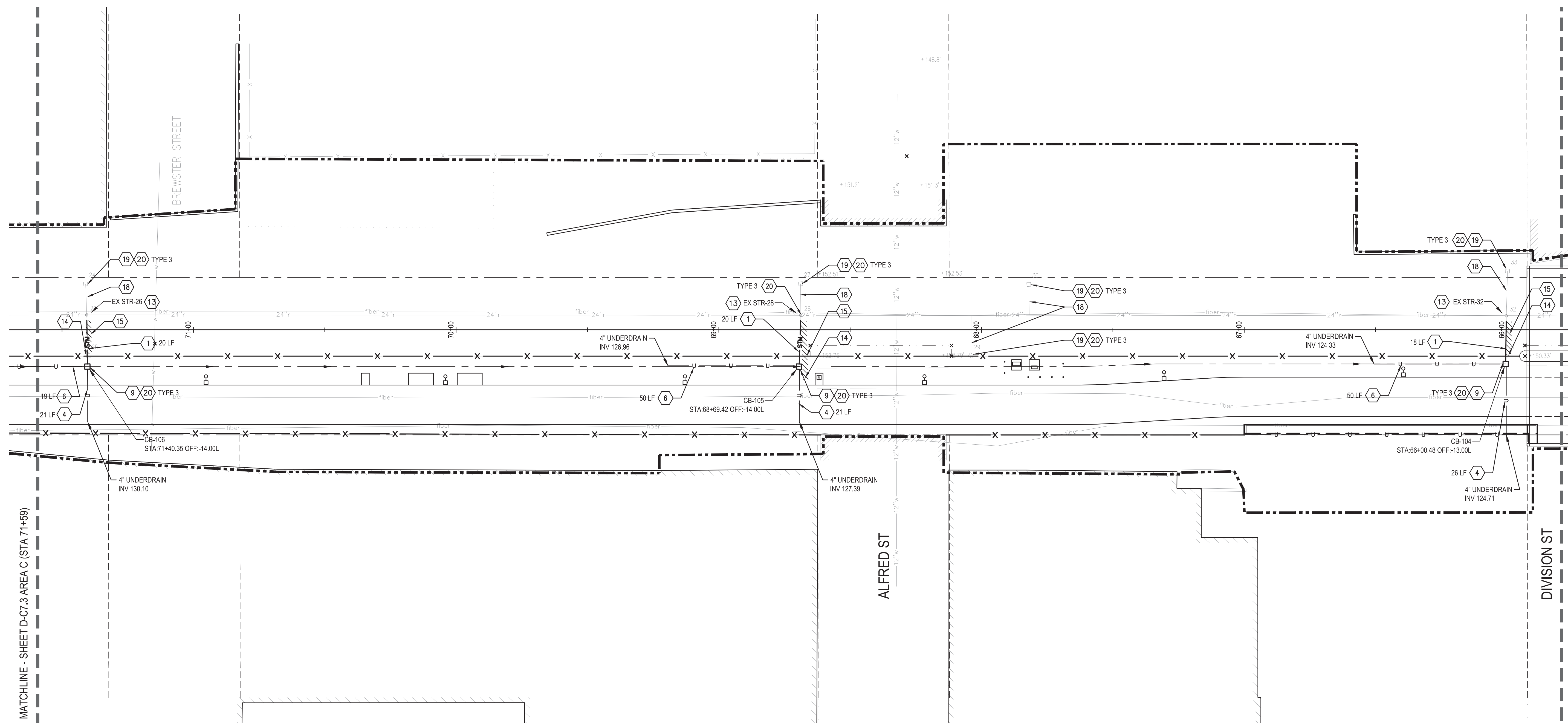
D-C7.4

DRAWING NUMBER

76 of 497



3 WORKING DAYS
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DEQUINDRE CUT GREENWAY - PHASE II

UTILITY KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE	12	DR STRUCTURE TAP, 6 INCH
	RIGHT - OF - WAY LINE	13	DR STRUCTURE TAP, 8 INCH
	MATCH LINE	14	DR STRUCTURE, REM
	HORIZONTAL ALIGNMENT	15	SEWER, REM, LESS THAN 24 INCH
	ADJACENT PROJECT	16	_DR STRUCTURE COVER, ADJ, CASE 1, MODIFIED
	_SEWER, CLASS A, 8", TR DET A, MODIFIED	17	_DR STRUCTURE COVER, ADJ, CASE 2, MODIFIED
	_SEWER, CLASS A, 8", TR DET B, MODIFIED	18	_DR STRUCTURE LEAD, CLEANING, MODIFIED
	_SEWER, CLASS A, 12", TR DET B, MODIFIED	19	_DR STRUCTURE, CLEANING
	UNDERDRAIN, PIPE, OPEN GRADED, 4 INCH	20	_DR STRUCTURE COVER, TYPE __, MODIFIED
	UNDERDRAIN, PIPE, OPEN GRADED, 6 INCH	21	HH, REM
	_INFILTRATION SWALE AND UNDERDRAIN	22	HH, TYPE D
	DR STRUCTURE, 48 INCH DIA (MANHOLE)	23	_WATER MAIN, REM
	DR STRUCTURE, 24 INCH DIA	24	_HYDRANT, RELOCATE, CASE I, MODIFIED
	DR STRUCTURE, 24 INCH DIA (WITH TRAP)	25	RELOCATE FIBER OPTIC (BY OTHERS)
	DR STRUCTURE, 48 INCH DIA	26	GAS BOX ADJUSTMENT (BY OTHERS)
	_DIRECT TAP	27	_SEWER, CLASS A, 6", TR DET B, MODIFIED

D-C7.4 - UTILITY

QTY	UNIT	ITEM DESCRIPTION
55	Ft	Sewer, Rem, Less than 24 inch
3	Ea	Dr Structure, Rem
0	Ea	_Dr Structure Cover, Adj, Case 1, Modified
0	Ea	_Dr Structure Cover, Adj, Case 2, Modified
0	Ea	_Dr Structure Cover, Type 1, Modified
0	Ea	_Dr Structure Cover, Type 2, Modified
9	Ea	_Dr Structure Cover, Type 3, Modified
0	Ft	_Sewer, CI A, 6 inch, Tr Det B, Modified
58	Ft	_Sewer, CI A, 8 inch, Tr Det A, Modified
0	Ft	_Sewer, CI A, 8 inch, Tr Det B, Modified
0	Ft	_Sewer, CI A, 12 inch, Tr Det B, Modified
0	Ft	_Infiltration Swale and Underdrain
183	Ft	Underdrain, Pipe, Open Graded, 4 inch
0	Ft	Underdrain, Pipe, Open Graded, 6 inch
0	Ea	Dr Structure, Tap, 6 inch
3	Ea	Dr Structure, Tap, 8 inch
0	Ea	_Sewer Tap, Modified
3	Ea	Dr Structure, 24 inch dia
0	Ea	Dr Structure, 48 inch dia
69	Ft	Dr Structure Lead, Cleaning, 12 inch
5	Ea	Dr Structure, Cleaning
0	Ea	_Hydrant, Relocate, Case 1, Modified
0	Ft	_Water Main, Rem
3	Ea	Erosion Control, Inlet Protection, Fabric Drop

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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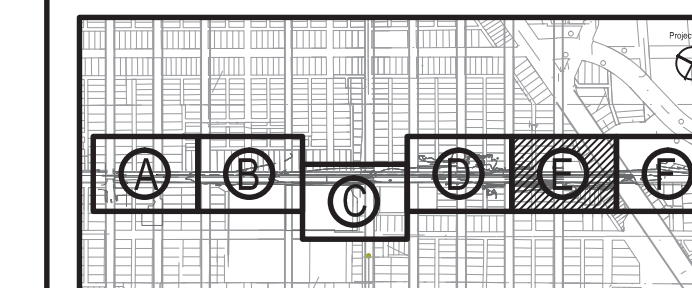
ISSUED FOR	REV	DATE
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100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN

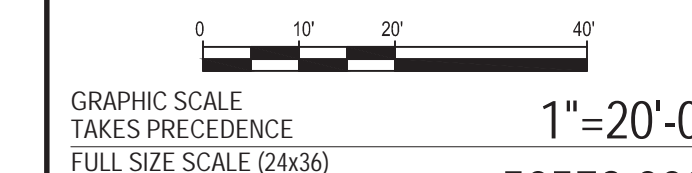


Project North



DRAWING TITLE

UTILITY PLAN - AREA E



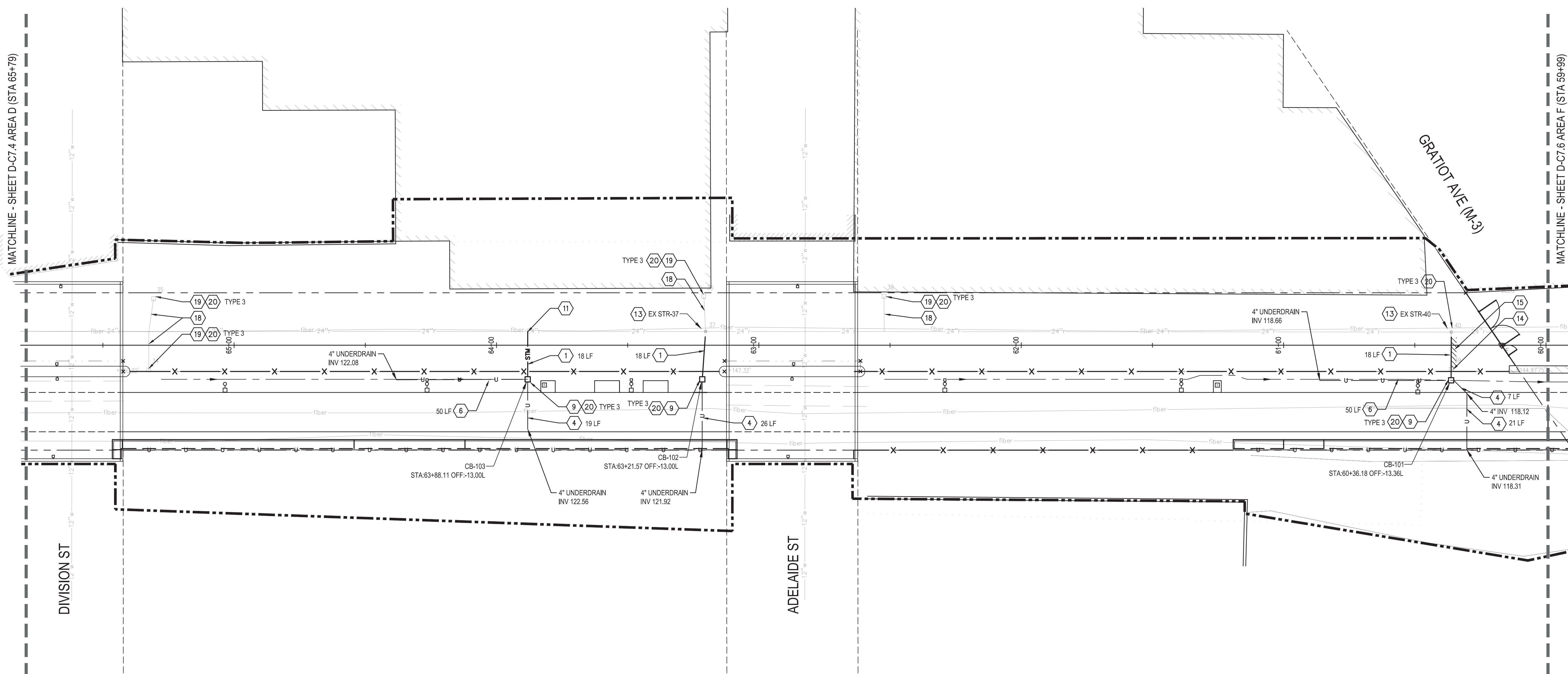
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER

D-C7.5

DRAWING NUMBER

77 of 497



DEQUINDRE CUT GREENWAY - PHASE II

UTILITY KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE	12	DR STRUCTURE TAP, 6 INCH
	RIGHT - OF - WAY LINE	13	DR STRUCTURE TAP, 8 INCH
	MATCH LINE	14	DR STRUCTURE, REM
	HORIZONTAL ALIGNMENT	15	SEWER, REM, LESS THAN 24 INCH
	ADJACENT PROJECT	16	_DR STRUCTURE COVER, ADJ, CASE 1, MODIFIED
	_SEWER, CLASS A, 8", TR DET A, MODIFIED	17	_DR STRUCTURE COVER, ADJ, CASE 2, MODIFIED
	_SEWER, CLASS A, 8", TR DET B, MODIFIED	18	_DR STRUCTURE LEAD, CLEANING, MODIFIED
	_SEWER, CLASS A, 12", TR DET B, MODIFIED	19	_DR STRUCTURE, CLEANING
	UNDERDRAIN, PIPE, OPEN GRADED, 4 INCH	20	_DR STRUCTURE COVER, TYPE __, MODIFIED
	UNDERDRAIN, PIPE, OPEN GRADED, 6 INCH	21	HH, REM
	_INFILTRATION SWALE AND UNDERDRAIN	22	HH, TYPE D
	DR STRUCTURE, 48 INCH DIA (MANHOLE)	23	_WATER MAIN, REM
	DR STRUCTURE, 24 INCH DIA	24	_HYDRANT, RELOCATE, CASE I, MODIFIED
	DR STRUCTURE, 24 INCH DIA (WITH TRAP)	25	RELOCATE FIBER OPTIC (BY OTHERS)
	DR STRUCTURE, 48 INCH DIA	26	GAS BOX ADJUSTMENT (BY OTHERS)
	_DIRECT TAP	27	_SEWER, CLASS A, 6", TR DET B, MODIFIED

D-C7.5 - UTILITY

QTY	UNIT	DESCRIPTION
14	Ft	Sewer, Rem, Less than 24 inch
1	Ea	Dr Structure, Rem
0	Ea	_Dr Structure Cover, Adj, Case 1, Modified
0	Ea	_Dr Structure Cover, Adj, Case 2, Modified
0	Ea	_Dr Structure Cover, Type 1, Modified
0	Ea	_Dr Structure Cover, Type 2, Modified
8	Ea	Dr Structure Cover, Type 3, Modified
0	Ft	_Sewer, CI A, 6 inch, Tr Det B, Modified
54	Ft	Sewer, CI A, 8 inch, Tr Det A, Modified
0	Ft	_Sewer, CI A, 8 inch, Tr Det B, Modified
0	Ft	_Sewer, CI A, 12 inch, Tr Det B, Modified
0	Ft	_Infiltration Swale and Underdrain
163	Ft	Underdrain, Pipe, Open Graded, 4 inch
0	Ft	Underdrain, Pipe, Open Graded, 6 inch
0	Ea	Dr Structure, Tap, 6 inch
2	Ea	Dr Structure, Tap, 8 inch
1	Ea	Sewer Tap, Modified
3	Ea	Dr Structure, 24 inch dia
0	Ea	Dr Structure, 48 inch dia
54	Ft	Dr Structure Lead, Cleaning, 12 inch
4	Ea	Dr Structure, Cleaning
0	Ea	_Hydrant, Relocate, Case 1, Modified
0	Ft	_Water Main, Rem
4	Ea	Erosion Control, Inlet Protection, Fabric Drop

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

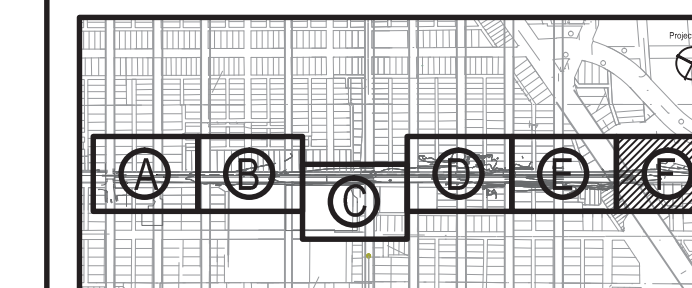
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BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

UTILITY PLAN - AREA F

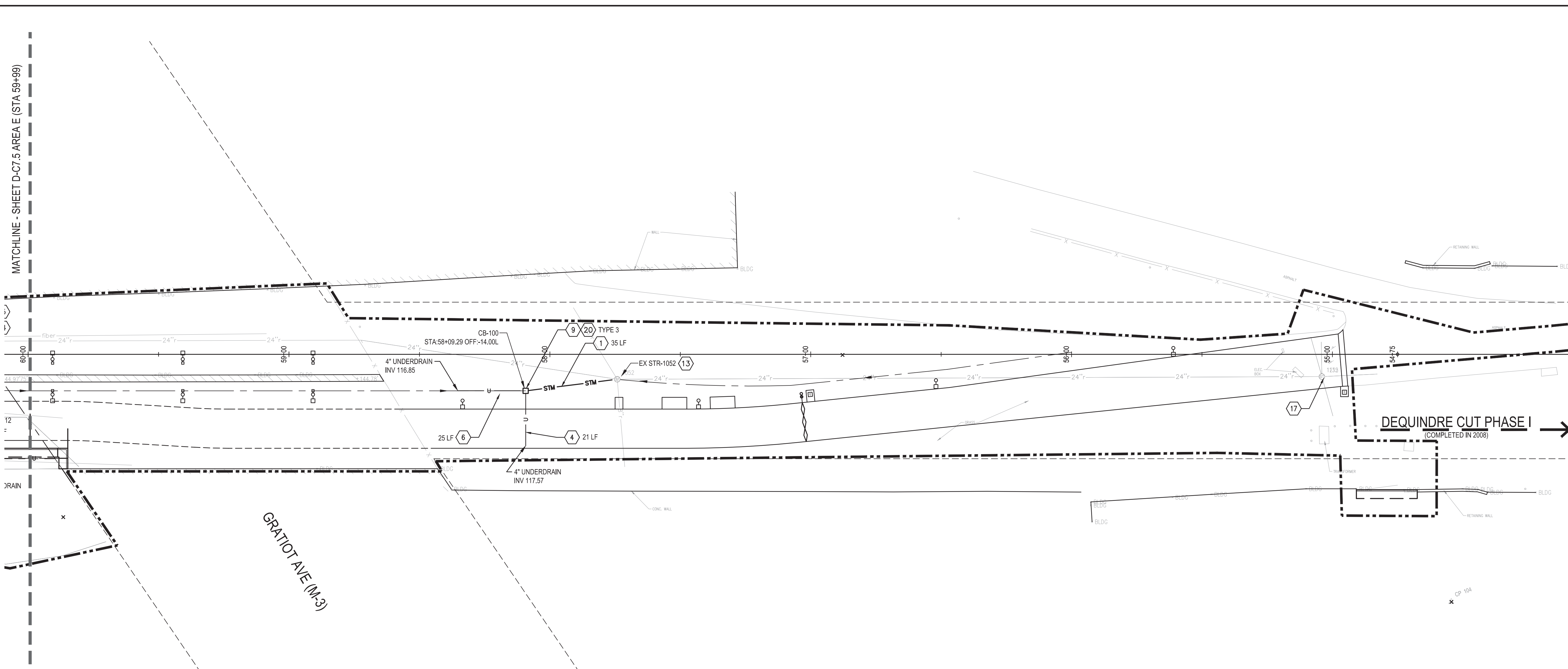
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER

D-C7.6

DRAWING NUMBER

78 of 497

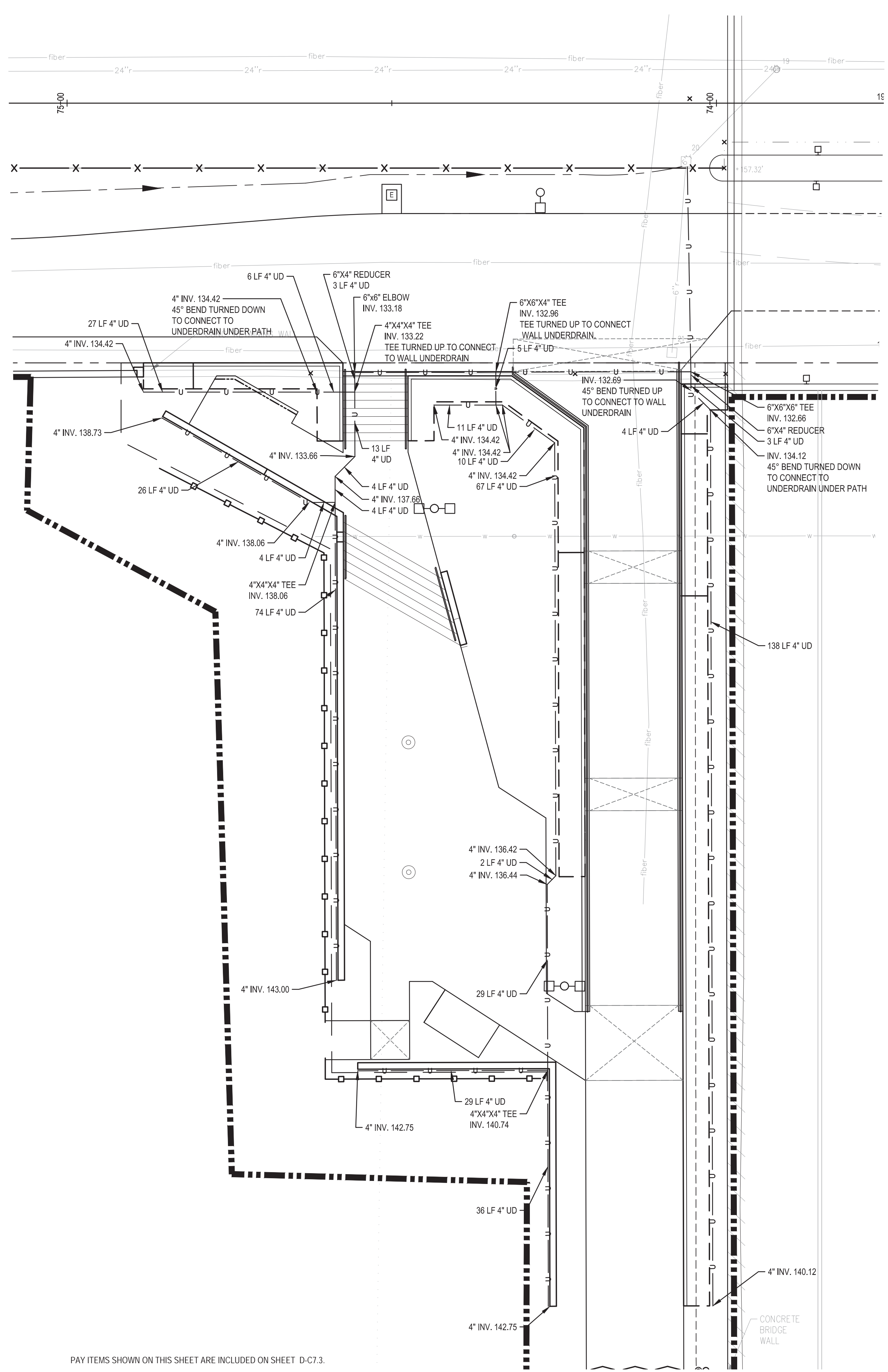


DEQUINDRE CUT GREENWAY - PHASE II			
UTILITY KEY NOTES AND LEGEND			
	CONSTRUCTION LIMIT LINE		DR STRUCTURE TAP, 6 INCH
	RIGHT - OF - WAY LINE		DR STRUCTURE TAP, 8 INCH
	MATCH LINE		DR STRUCTURE, REM
	HORIZONTAL ALIGNMENT		SEWER, REM, LESS THAN 24 INCH
	ADJACENT PROJECT		_DR STRUCTURE COVER, ADJ, CASE 1, MODIFIED
	_SEWER, CLASS A, 8", TR DET A, MODIFIED		_DR STRUCTURE COVER, ADJ, CASE 2, MODIFIED
	_SEWER, CLASS A, 8", TR DET B, MODIFIED		_DR STRUCTURE LEAD, CLEANING, MODIFIED
	_SEWER, CLASS A, 12", TR DET B, MODIFIED		_DR STRUCTURE, CLEANING
	UNDERDRAIN, PIPE, OPEN GRADED, 4 INCH		_DR STRUCTURE COVER, TYPE __, MODIFIED
	UNDERDRAIN, PIPE, OPEN GRADED, 6 INCH		HH, REM
	_INFILTRATION SWALE AND UNDERDRAIN		HH, TYPE D
	DR STRUCTURE, 48 INCH DIA (MANHOLE)		_WATER MAIN, REM
	DR STRUCTURE, 24 INCH DIA		_HYDRANT, RELOCATE, CASE 1, MODIFIED
	DR STRUCTURE, 24 INCH DIA (WITH TRAP)		RELOCATE FIBER OPTIC (BY OTHERS)
	DR STRUCTURE, 48 INCH DIA		GAS BOX ADJUSTMENT (BY OTHERS)
	_DIRECT TAP		_SEWER, CLASS A, 6", TR DET B, MODIFIED

D-C7.6 - UTILITY		
QTY	UNIT	ITEM DESCRIPTION
0	Ft	Sewer, Rem, Less than 24 inch
0	Ea	Dr Structure, Rem
0	Ea	_Dr Structure Cover, Adj, Case 1, Modified
1	Ea	_Dr Structure Cover, Adj, Case 2, Modified
0	Ea	_Dr Structure Cover, Type 1, Modified
0	Ea	_Dr Structure Cover, Type 2, Modified
1	Ea	_Dr Structure Cover, Type 3, Modified
0	Ft	_Sewer, CI A, 6 inch, Tr Det B, Modified
35	Ft	_Sewer, CI A, 8 inch, Tr Det A, Modified
0	Ft	_Sewer, CI A, 8 inch, Tr Det B, Modified
0	Ft	_Sewer, CI A, 12 inch, Tr Det B, Modified
0	Ft	_Infiltration Swale and Underdrain
46	Ft	Underdrain, Pipe, Open Graded, 4 inch
0	Ft	Underdrain, Pipe, Open Graded, 6 inch
0	Ea	Dr Structure, Tap, 6 inch
1	Ea	Dr Structure, Tap, 8 inch
0	Ea	_Sewer Tap, Modified
1	Ea	Dr Structure, 24 inch dia
0	Ea	Dr Structure, 48 inch dia
0	Ft	Dr Structure Lead, Cleaning, 12 inch
0	Ea	Dr Structure, Cleaning
0	Ea	_Hydrant, Relocate, Case 1, Modified
0	Ft	_Water Main, Rem
1	Ea	Erosion Control, Inlet Protection, Fabric Drop

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- UNDERDRAIN NOTES:
1. UNDERDRAINS LOCATED BEHIND RETAINING WALLS ARE INCLUDED IN THE PAY ITEM _RETAINING WALL, TYPE 1 OR 2.
 2. EXCEPT WHERE OTHERWISE NOTED, UNDERDRAIN INVERTS SHALL BE AT BOTTOM ELEVATION OF CRUSHED DRAINAGE AGGREGATE FOR EACH WALL. COORDINATE INVERTS INDICATED ON THIS PLAN WITH WALL ELEVATION DETAILS.

PAY ITEMS SHOWN ON THIS SHEET ARE INCLUDED ON SHEET D-C7.3.

1 WILKINS PLAZA UNDERDRAIN ENLARGMENT PLAN

1" = 10'-0"

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development Corporation of the City of Detroit

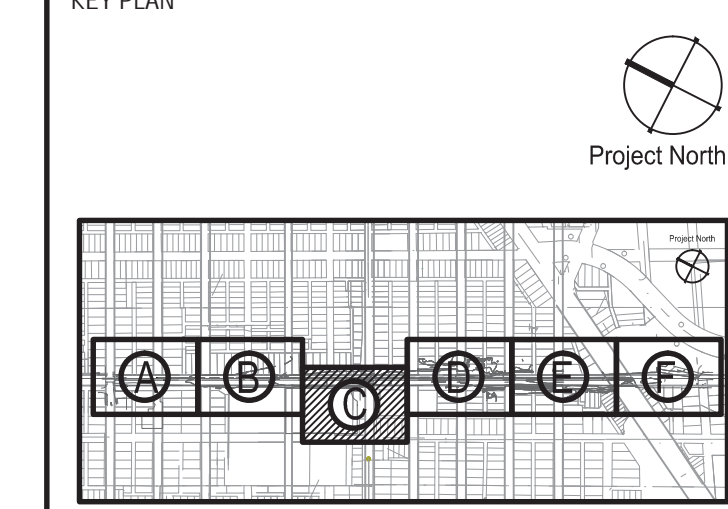
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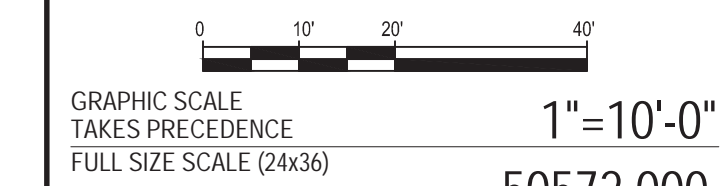
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



WILKINS PLAZA UNDERDRAIN ENLARGEMENT PLAN

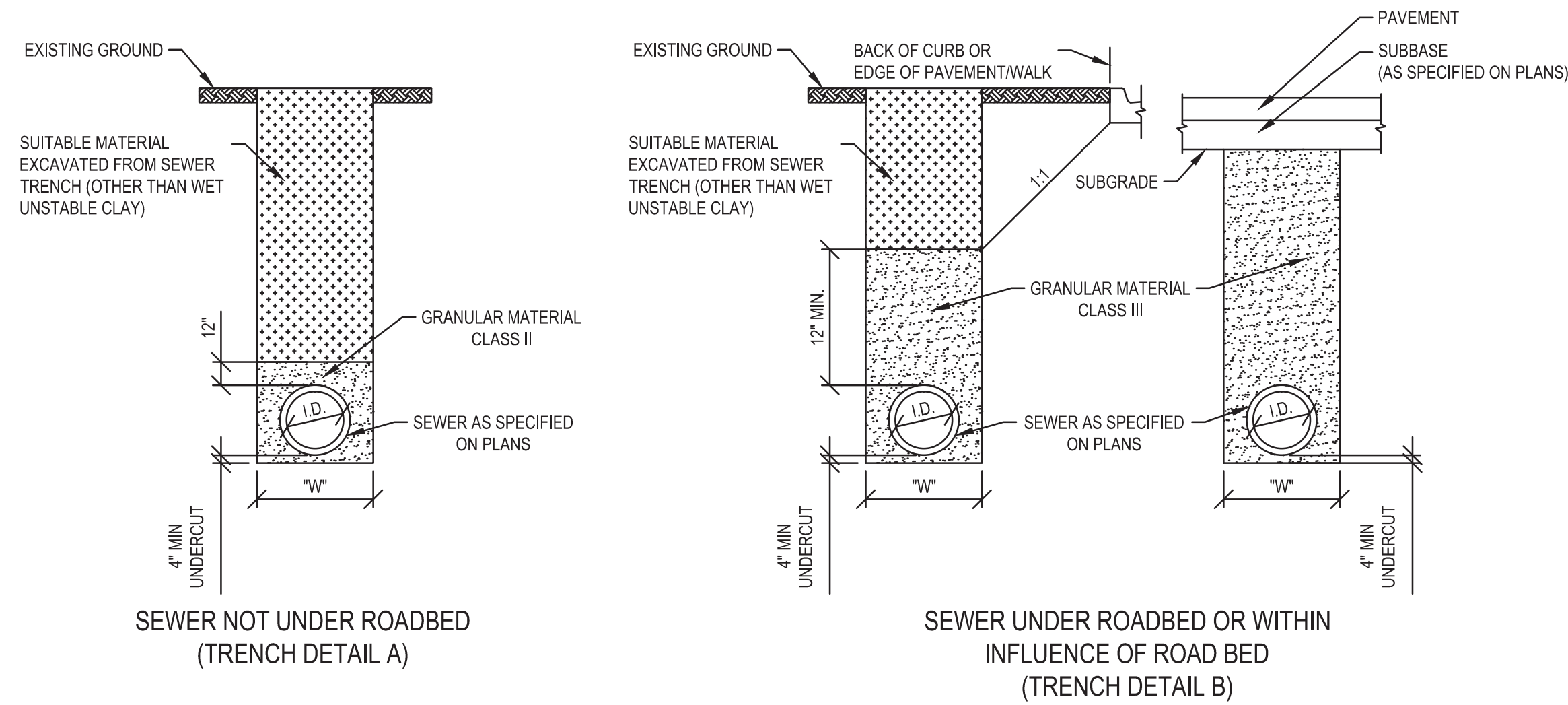


PROJECT NUMBER
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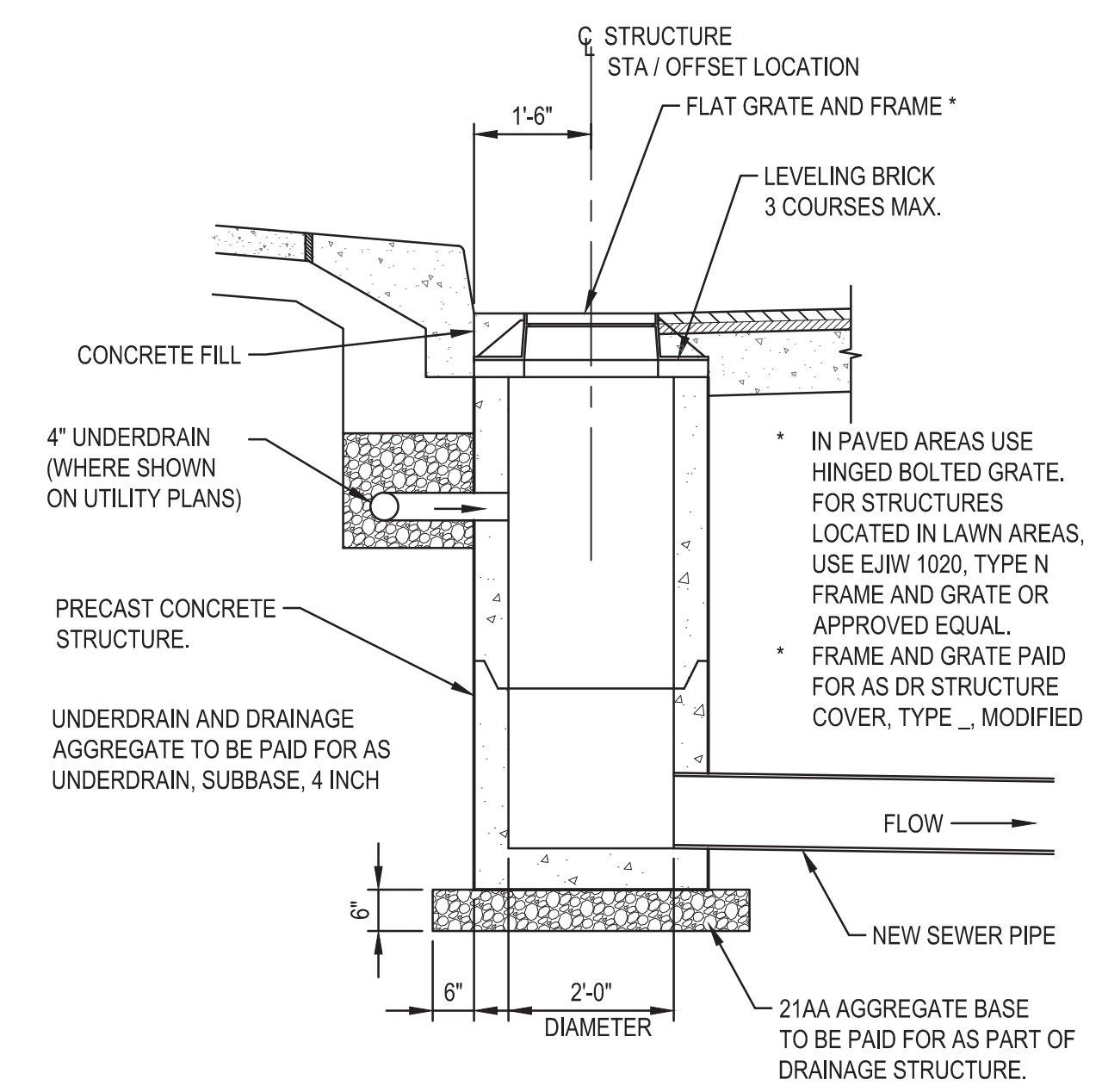
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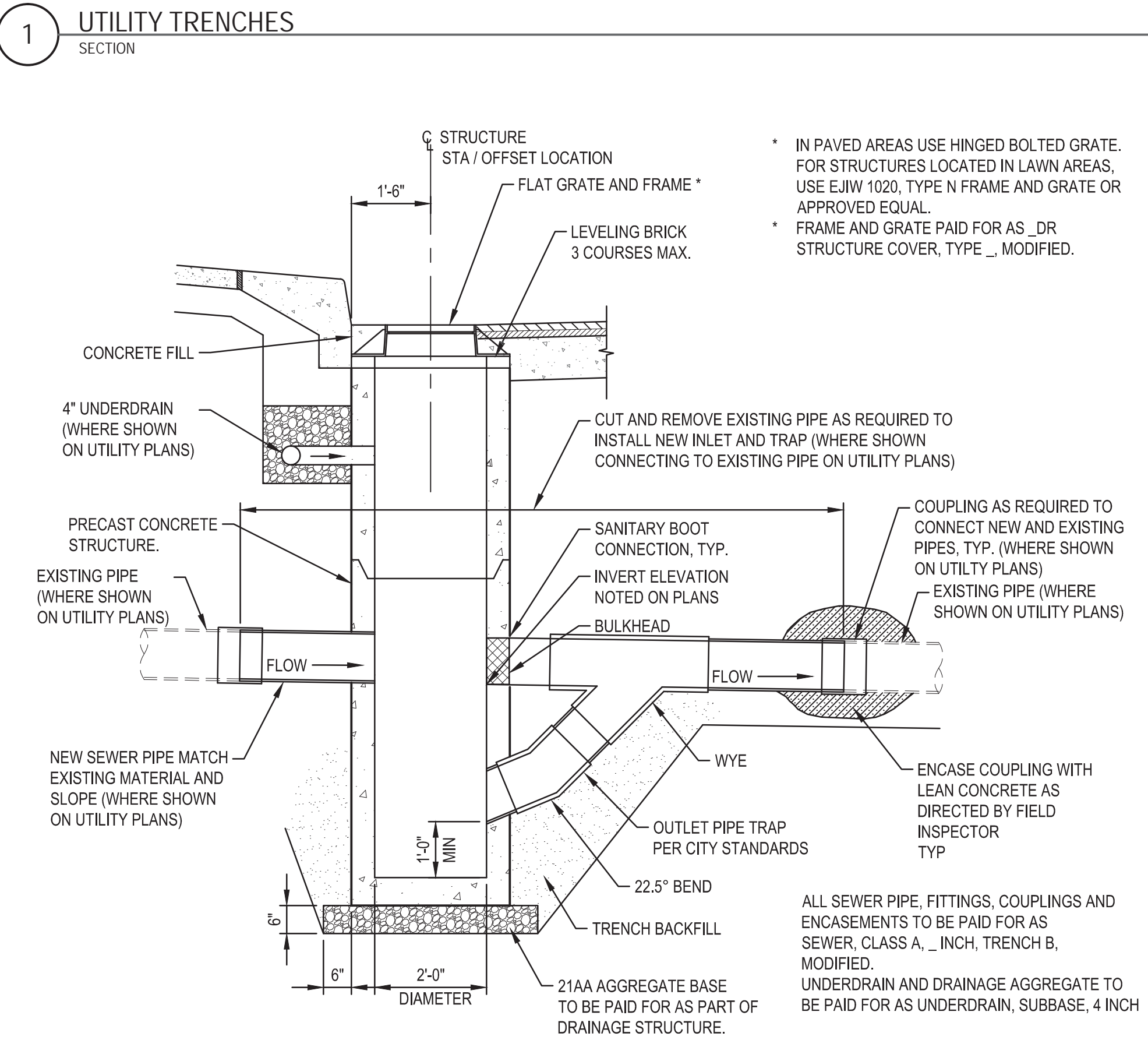
3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG 1-800-482-7171



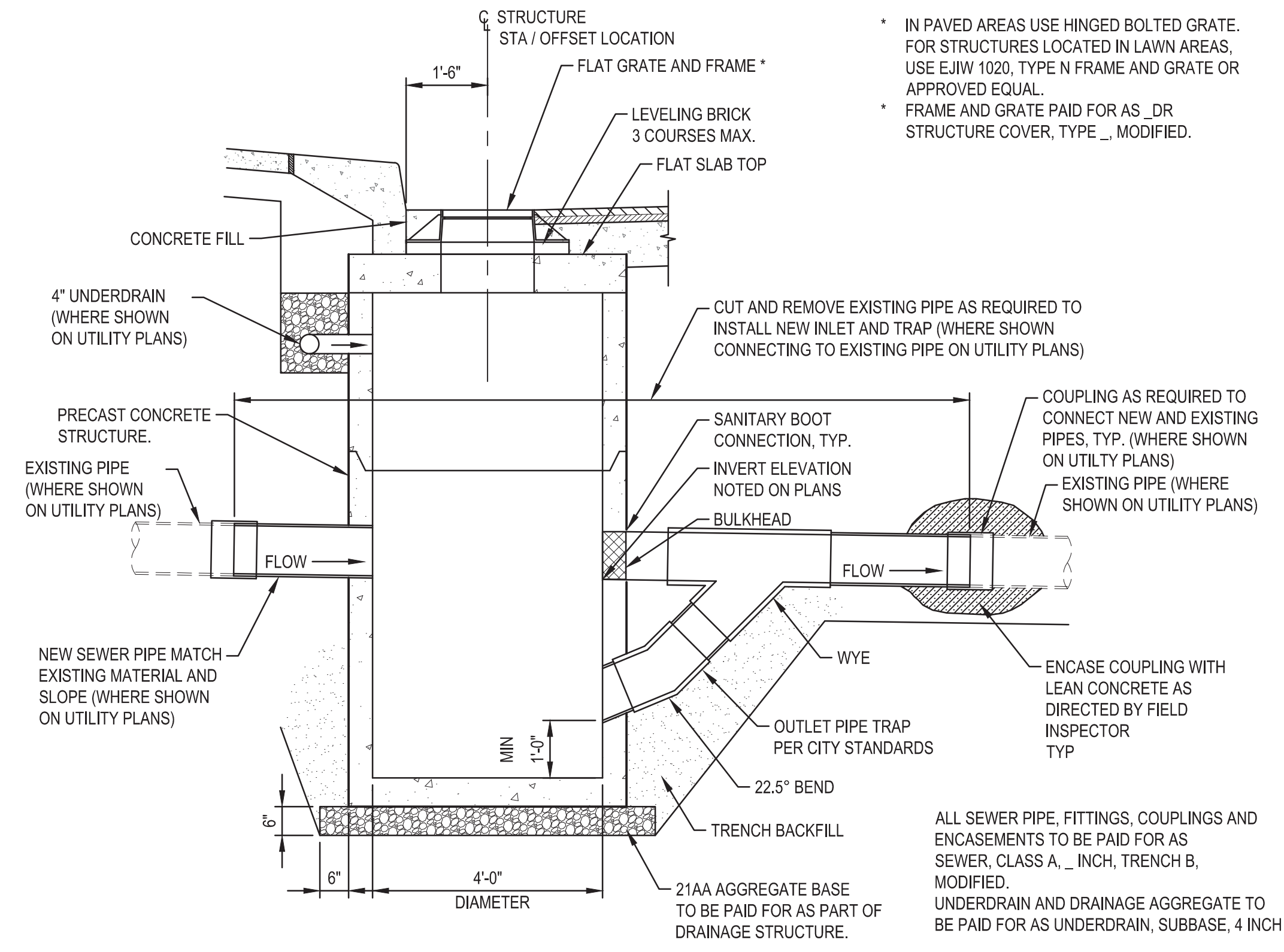
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LESS THAN 18	3.0
21	3.5
24	4.0
30	5.0
36	6.0
42	7.0
48	8.0
54	9.5
60	10.0
66	10.5
72	11.0
78	11.5
84	12.0
90	12.5
96	13.0
102	13.5
108	14



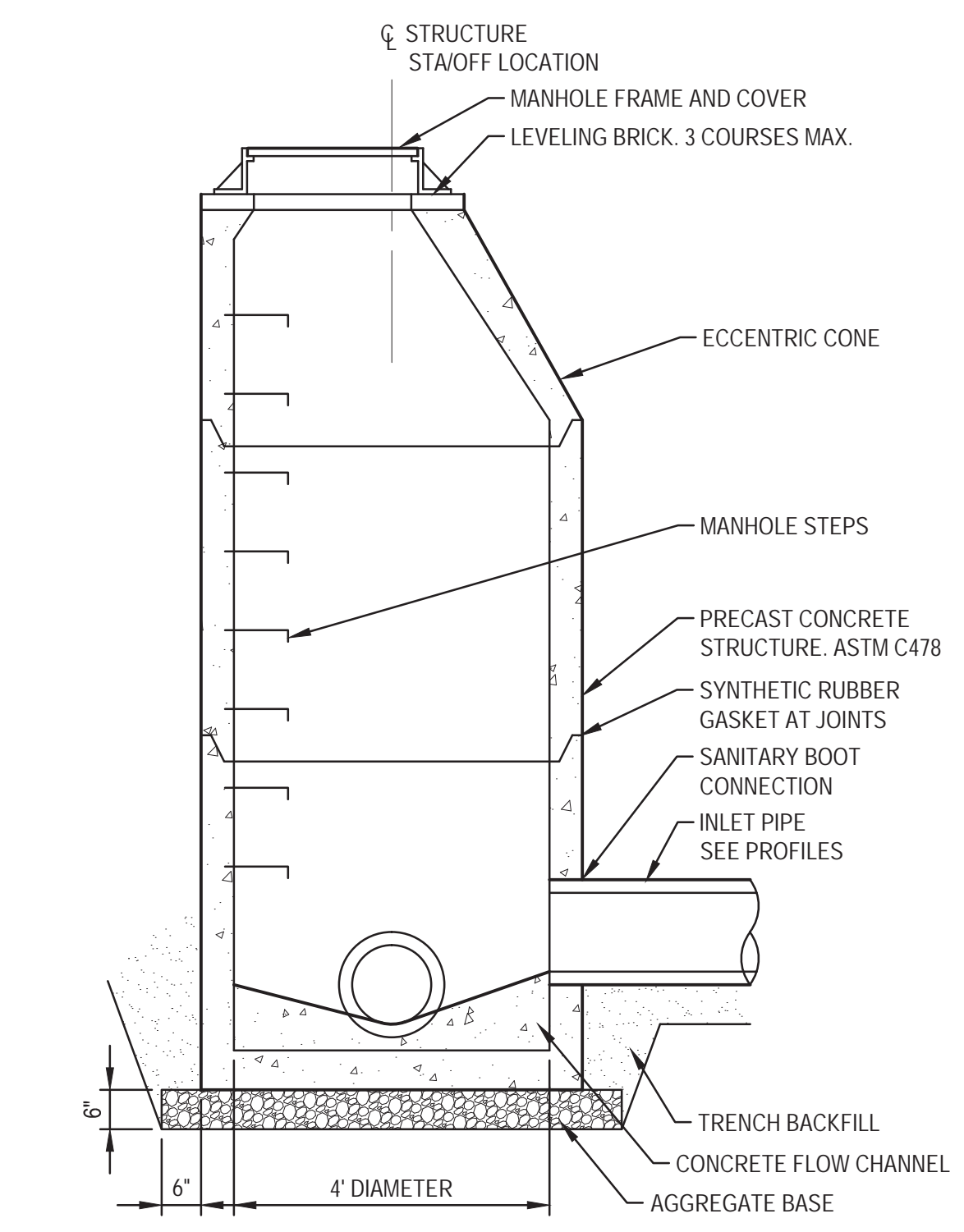
2 DR STRUCTURE, 24 INCH DIA SECTION NTS



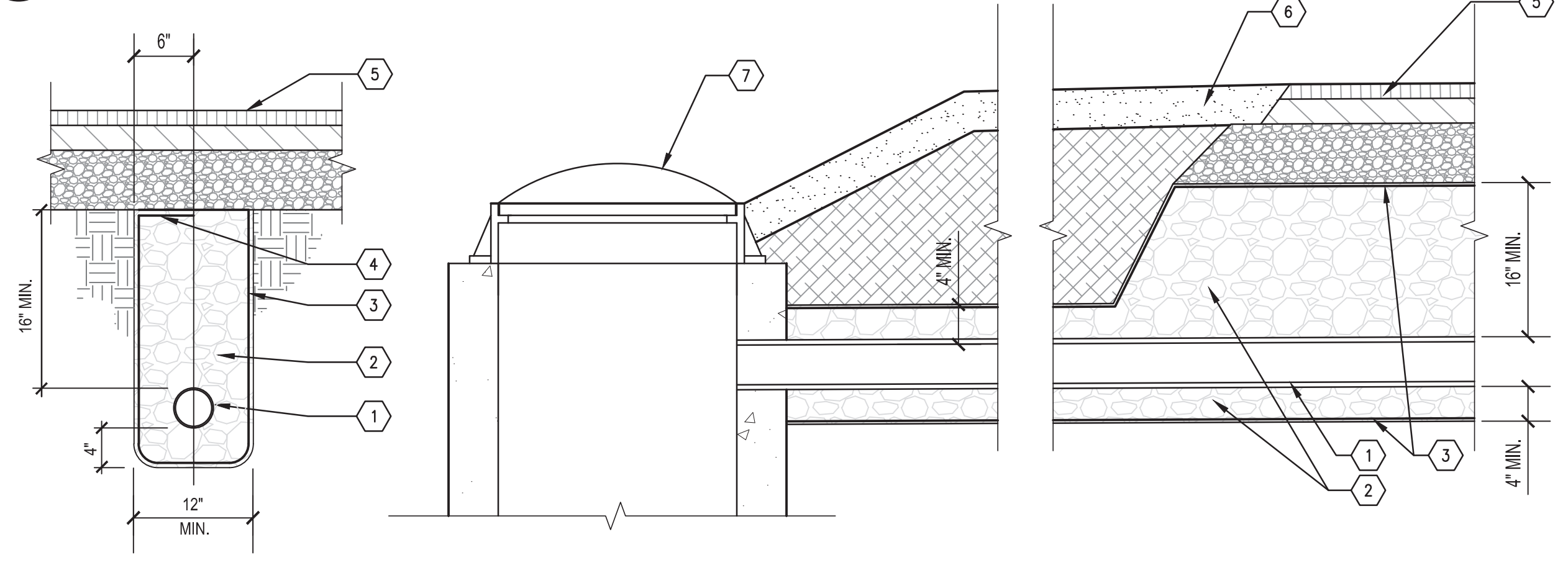
3 DR STRUCTURE, 24 INCH DIA (WITH TRAP) SECTION NTS



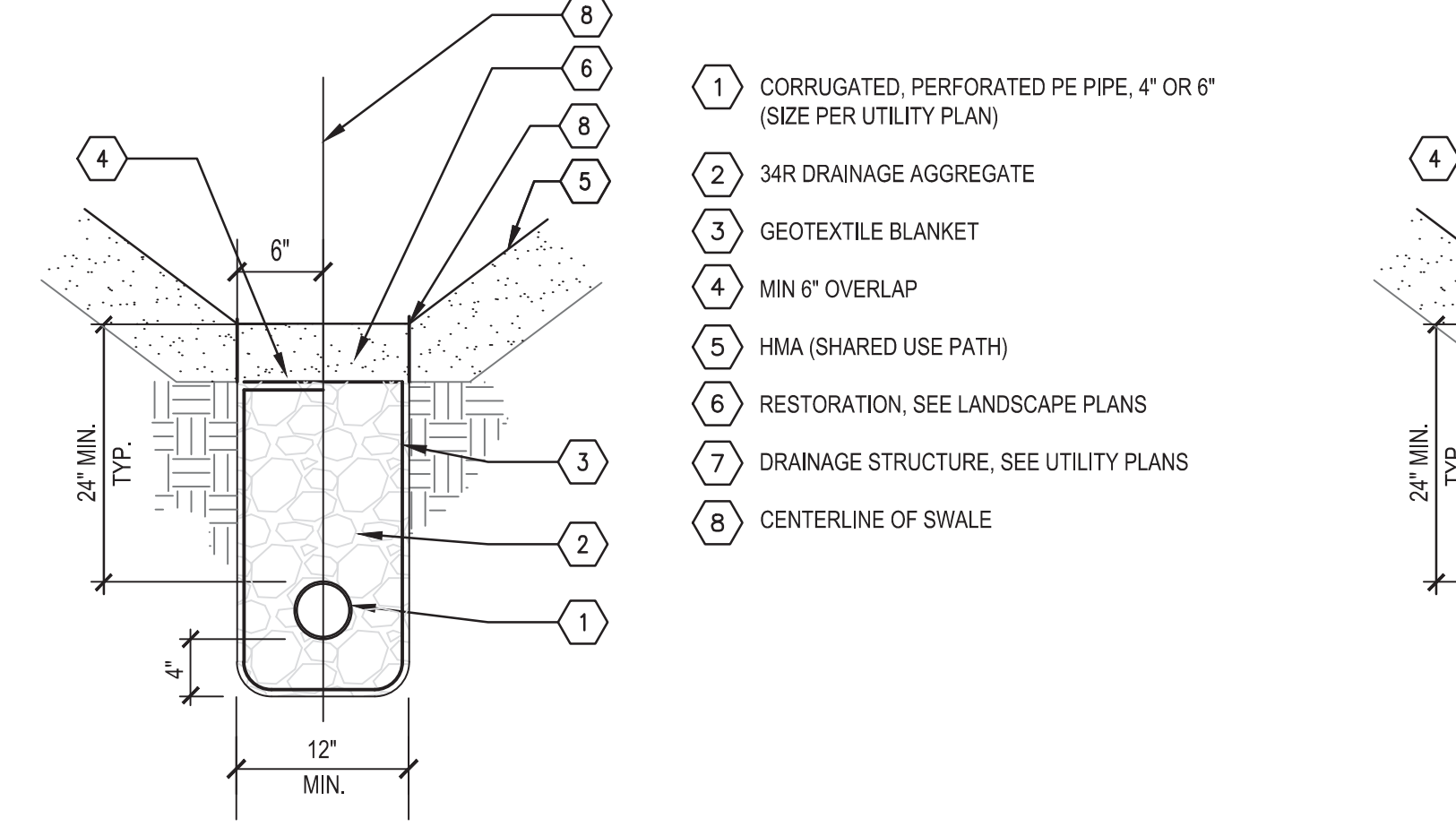
4 DR STRUCTURE, 48 INCH DIA SECTION NTS



5 DR STRUCTURE, 48 INCH DIA (MANHOLE) SECTION NTS



6 UNDERDRAIN, PIPE, OPEN GRADED SECTION NTS



7 INFILTRATION SWALE AND UNDERDRAIN SECTION NTS

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:
 City of Detroit

Economic Development Corporation of the City of Detroit

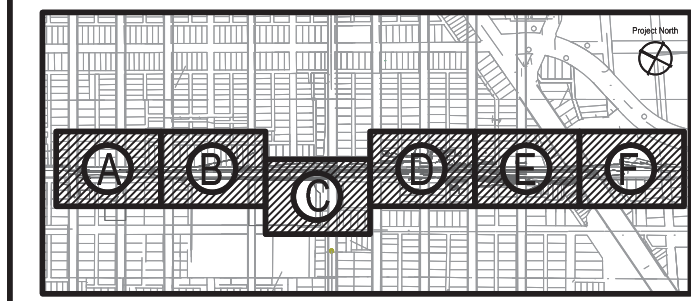
SMITHGROUP JJR

201 DEPOT STREET
SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
www.smithgroupjjr.com

ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN
 Project North



DRAWING TITLE

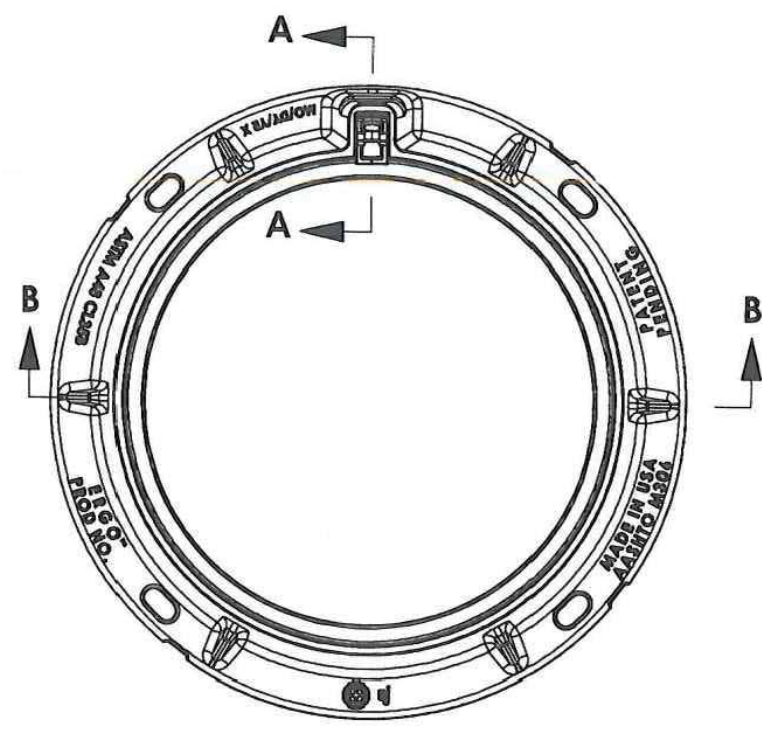
UTILITY DETAILS 1

GRAPHIC SCALE TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
AS NOTED
50572.000

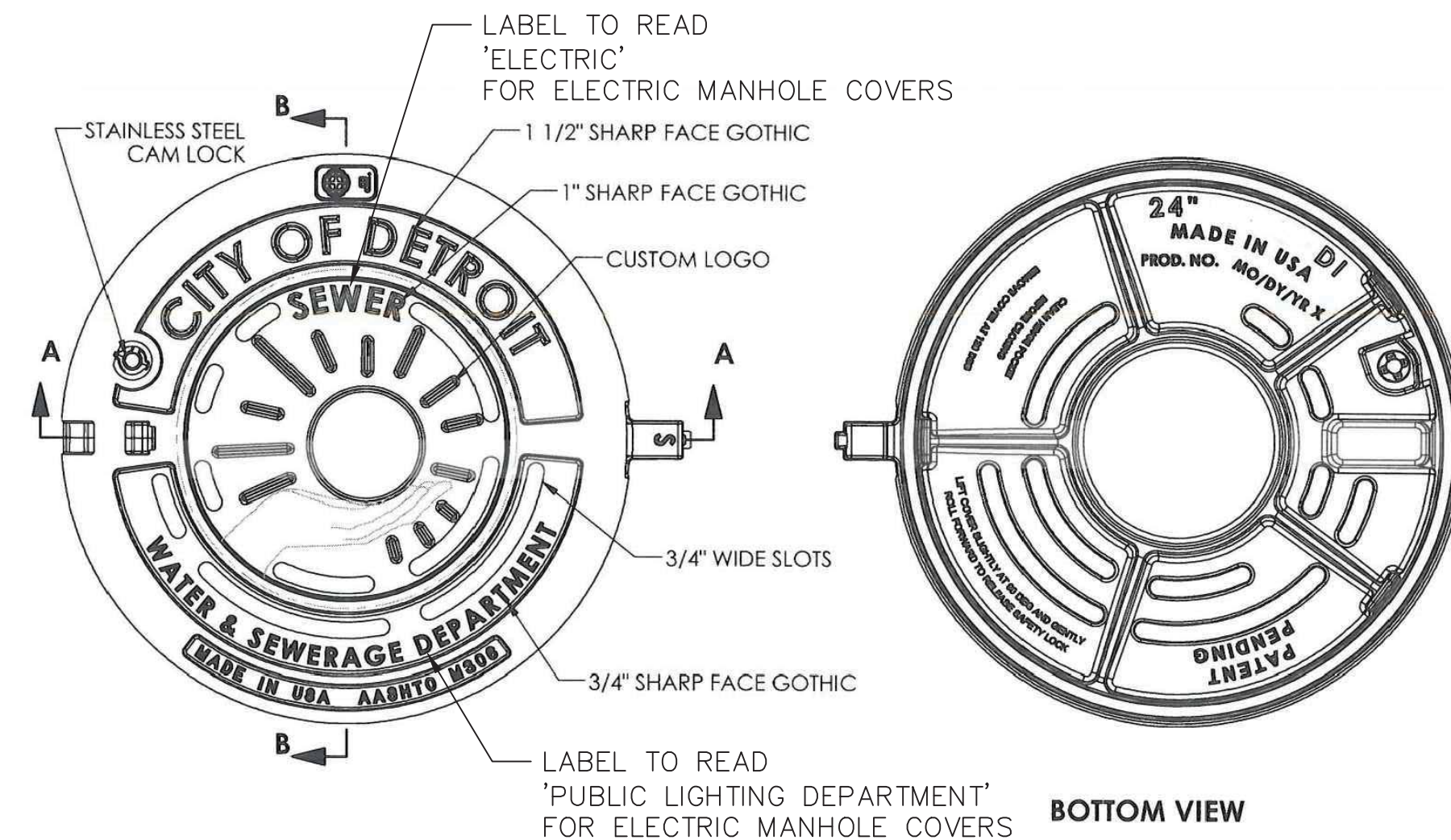
PROJECT NUMBER
DRAWING NUMBER
D-C7.8
of 497



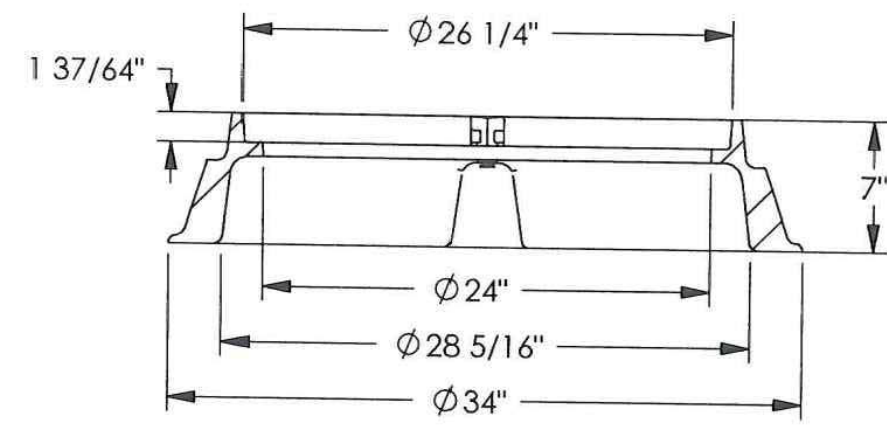
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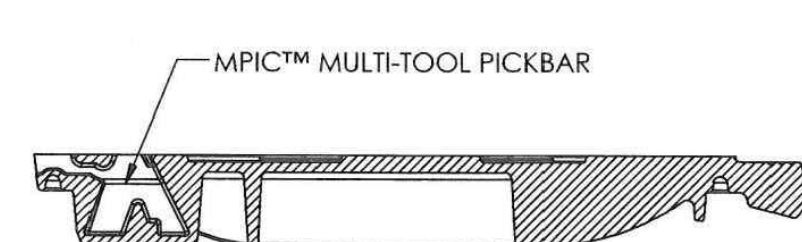
SECTION A-A
SCALE 1 : 6



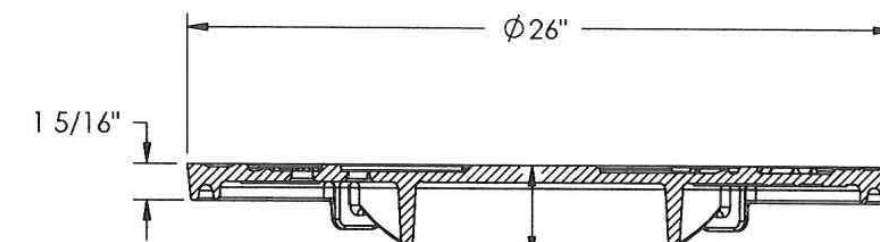
BOTTOM VIEW



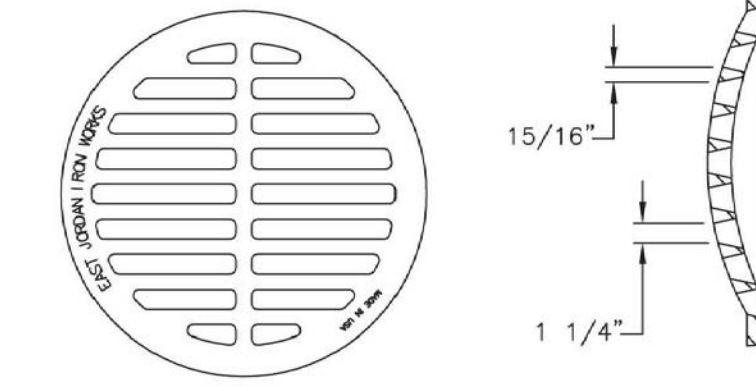
SECTION B-B



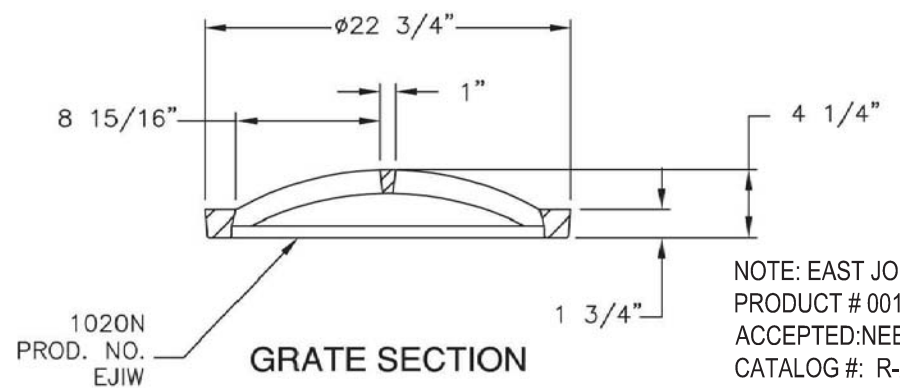
SECTION A-A



SECTION B-B



GRATE SECTION



GRATE SECTION

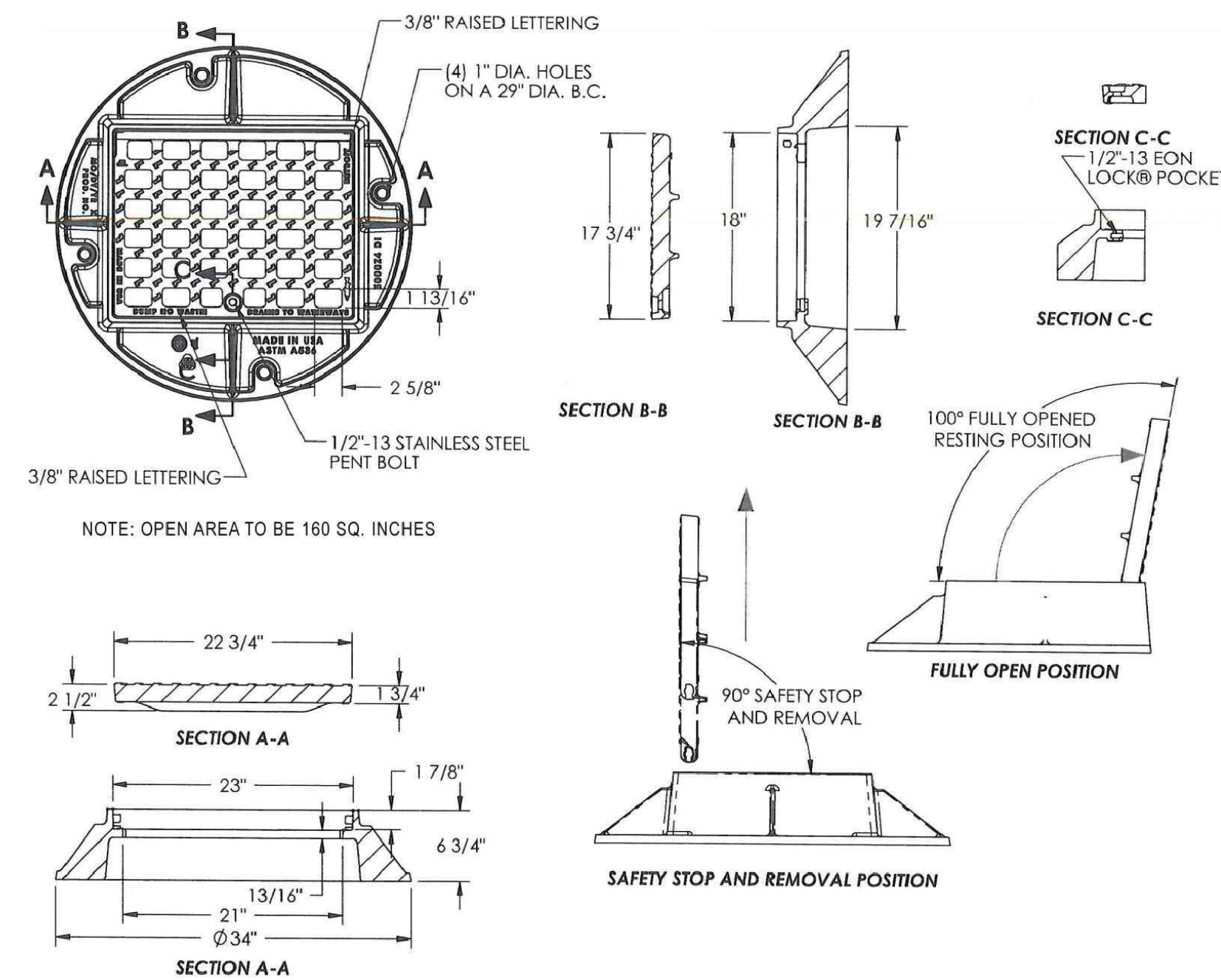
NOTE: EAST JORDAN IRON WORKS, PRODUCT # 00102419 DEPICTED. ALSO ACCEPTED NEENAH FOUNDARY, CATALOG # R-2578 OR APPROVED EQUAL.

1 DR STRUCTURE COVER, TYPE 1, MODIFIED

NTS

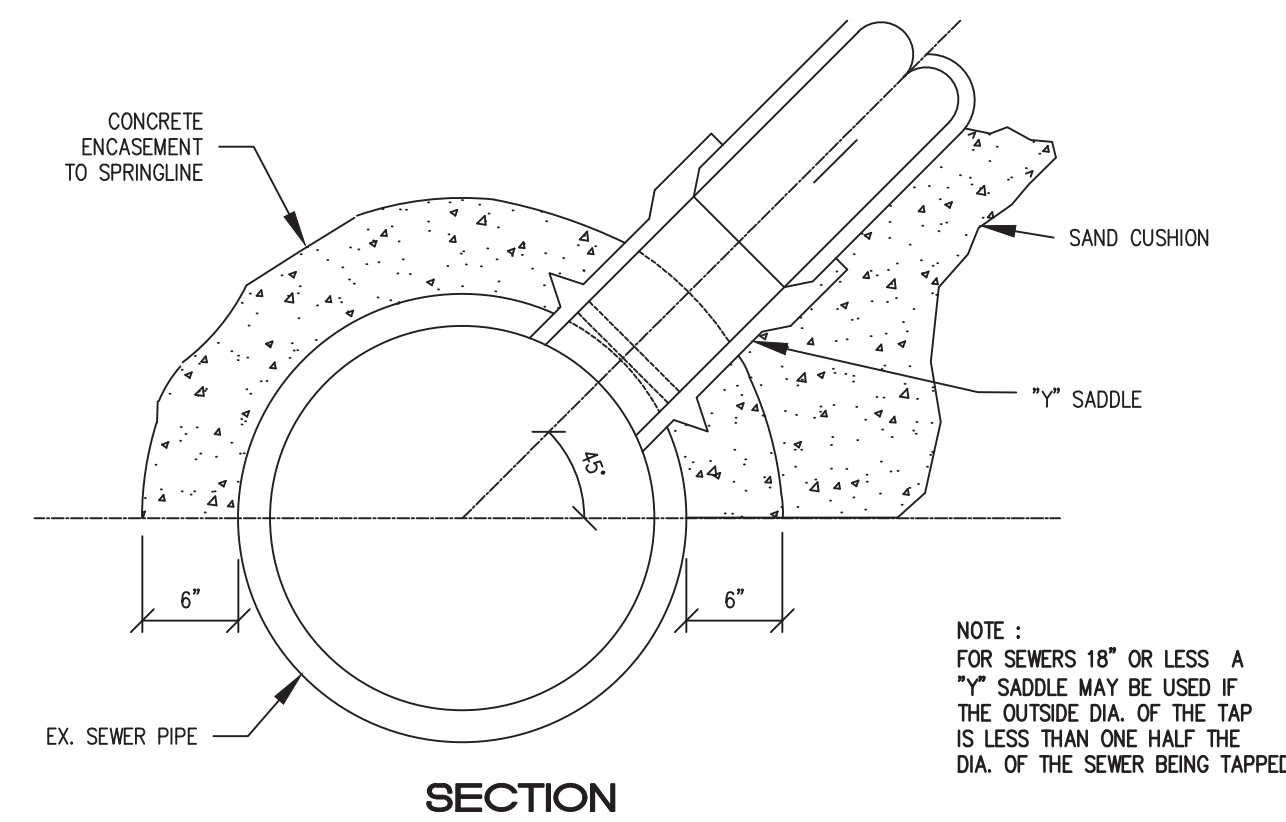
2 DR STRUCTURE COVER, TYPE 3, MODIFIED

NTS

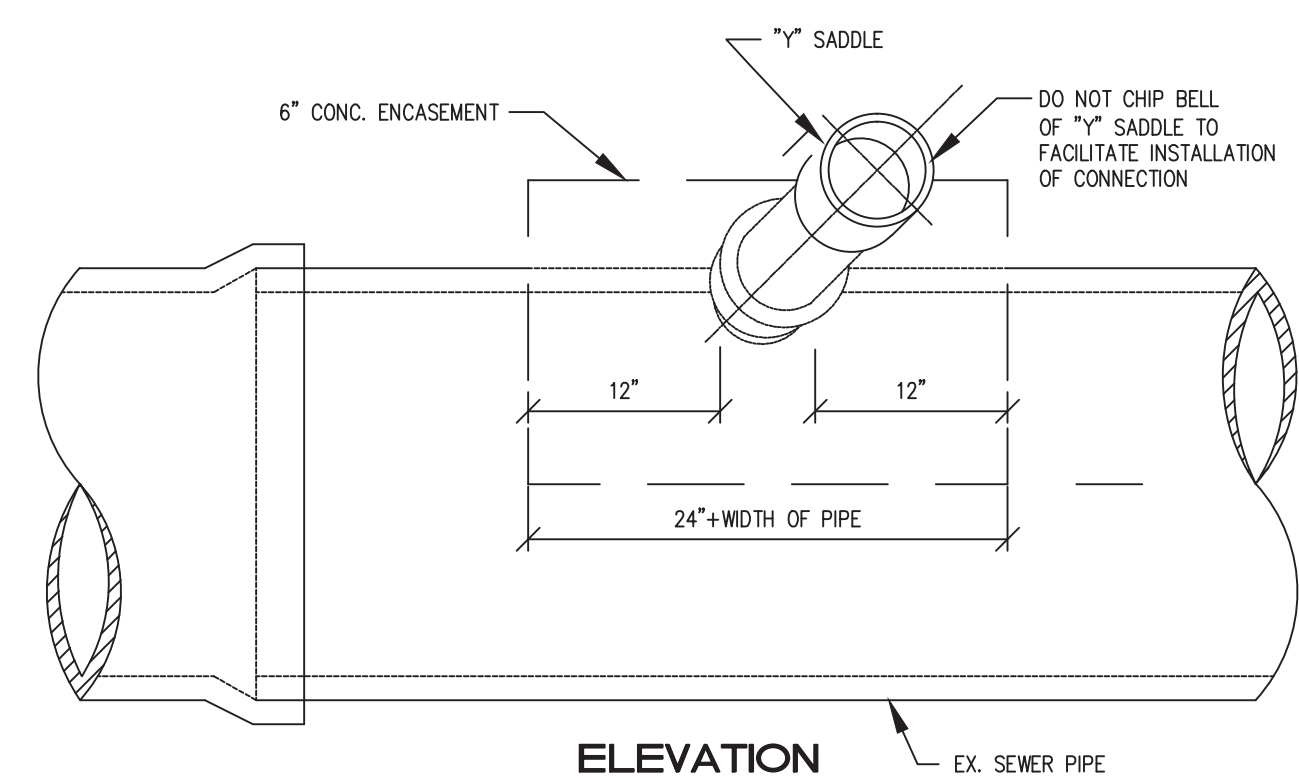


3 DR STRUCTURE COVER, TYPE 2, MODIFIED

NTS



SECTION



ELEVATION

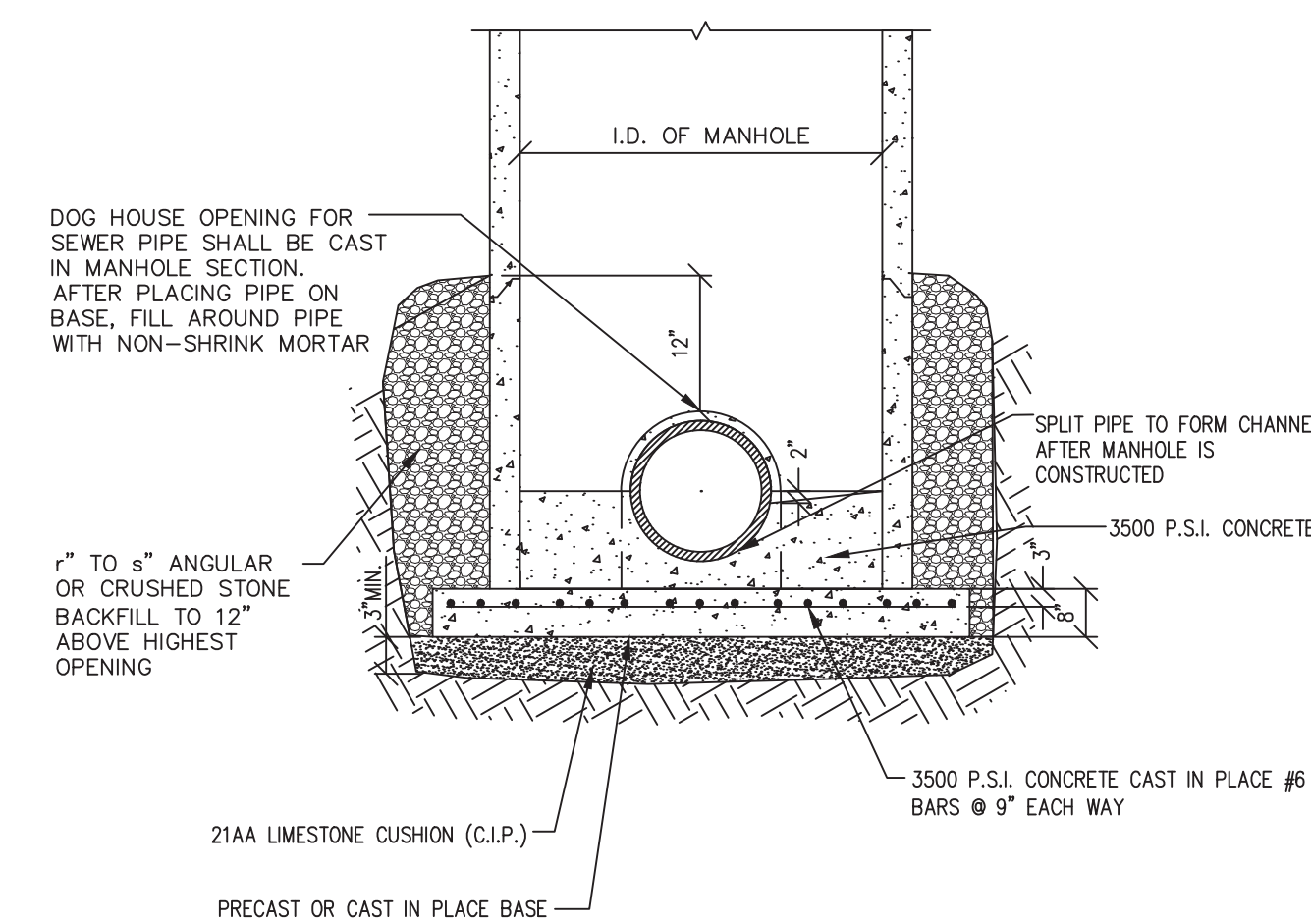
4 SEWER TAP, MODIFIED

NTS

DOG HOUSE OPENING SIZES	
SEWER SIZE	MAX OPENING
8" - 10"	17 1/2"
12" - 15"	20"
18" - 24"	30"

MANHOLE SIZING	
SEWER PIPE SIZE	MANHOLE DIAMETER
24"	4'-0"
33"	5'-0"
42"	6'-0"

FOR OTHER DETAILS OF MANHOLE, SEE STANDARD MANHOLE DETAIL



5 MANHOLE CONSTRUCTED OVER EXISTING SEWER

NTS

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

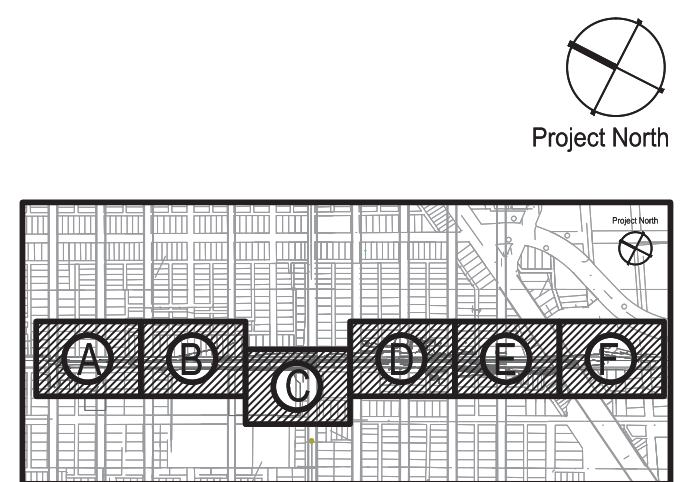
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SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
UTILITY DETAILS 2

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)

AS NOTED

50572.000

PROJECT NUMBER

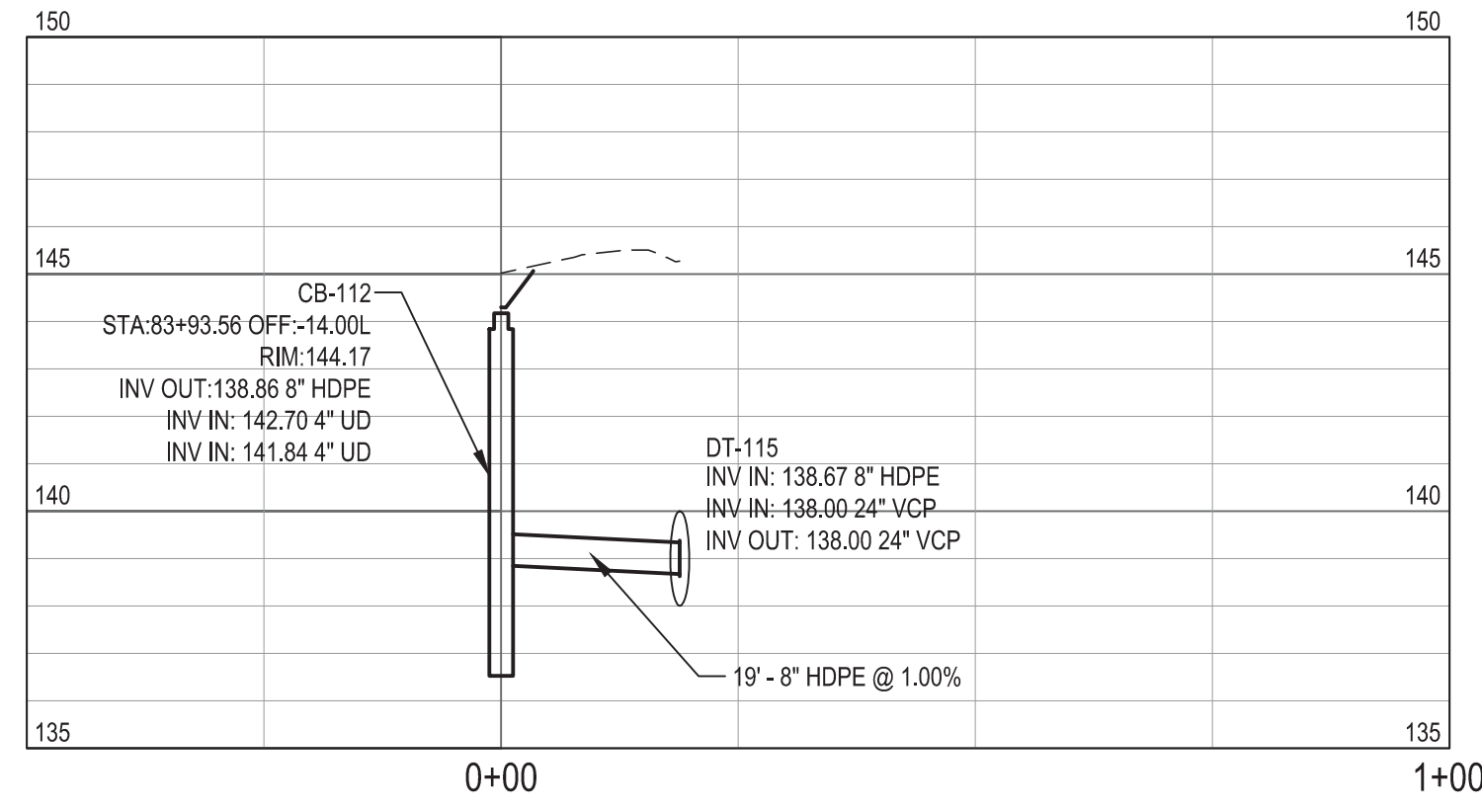
D-C7.9

DRAWING NUMBER

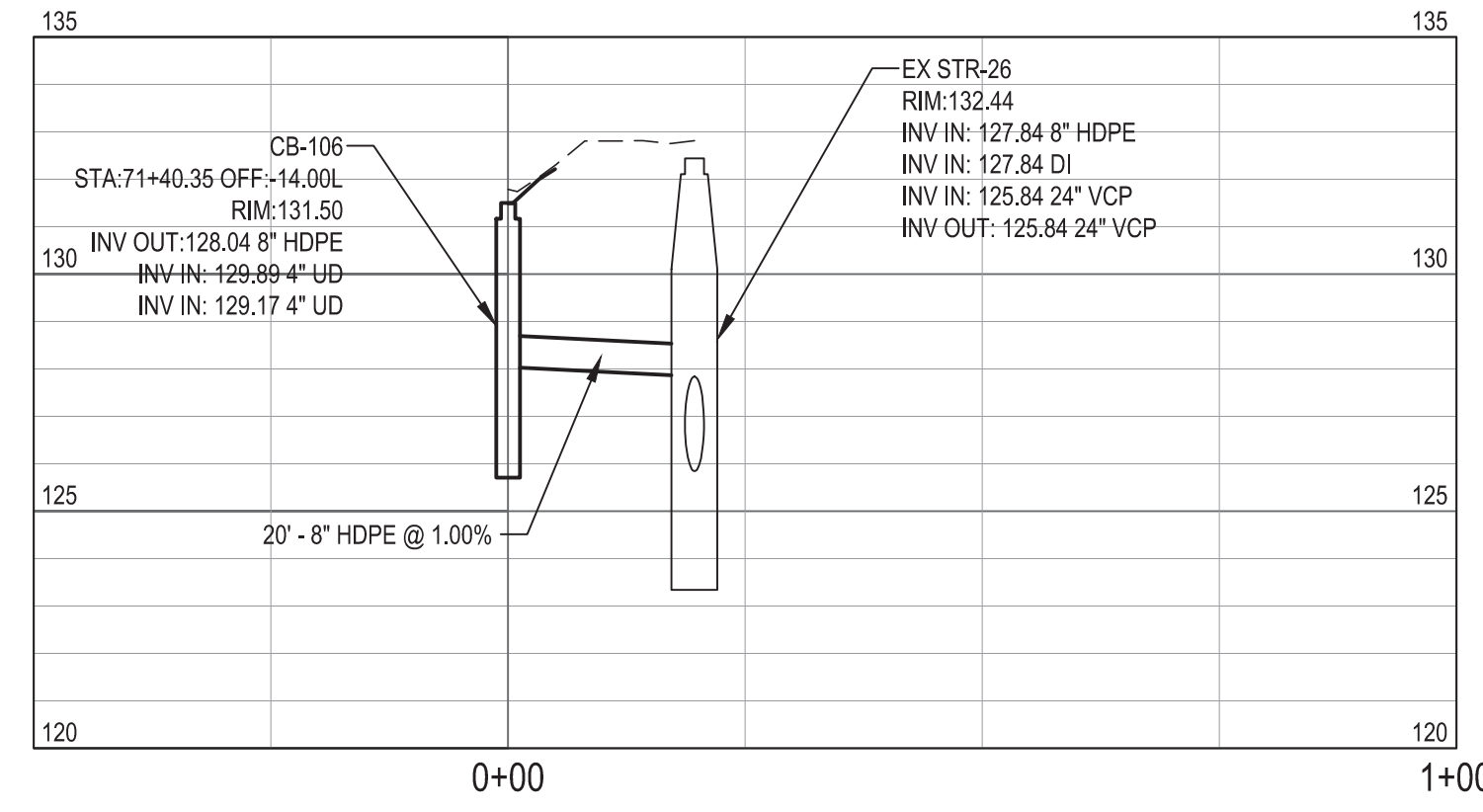
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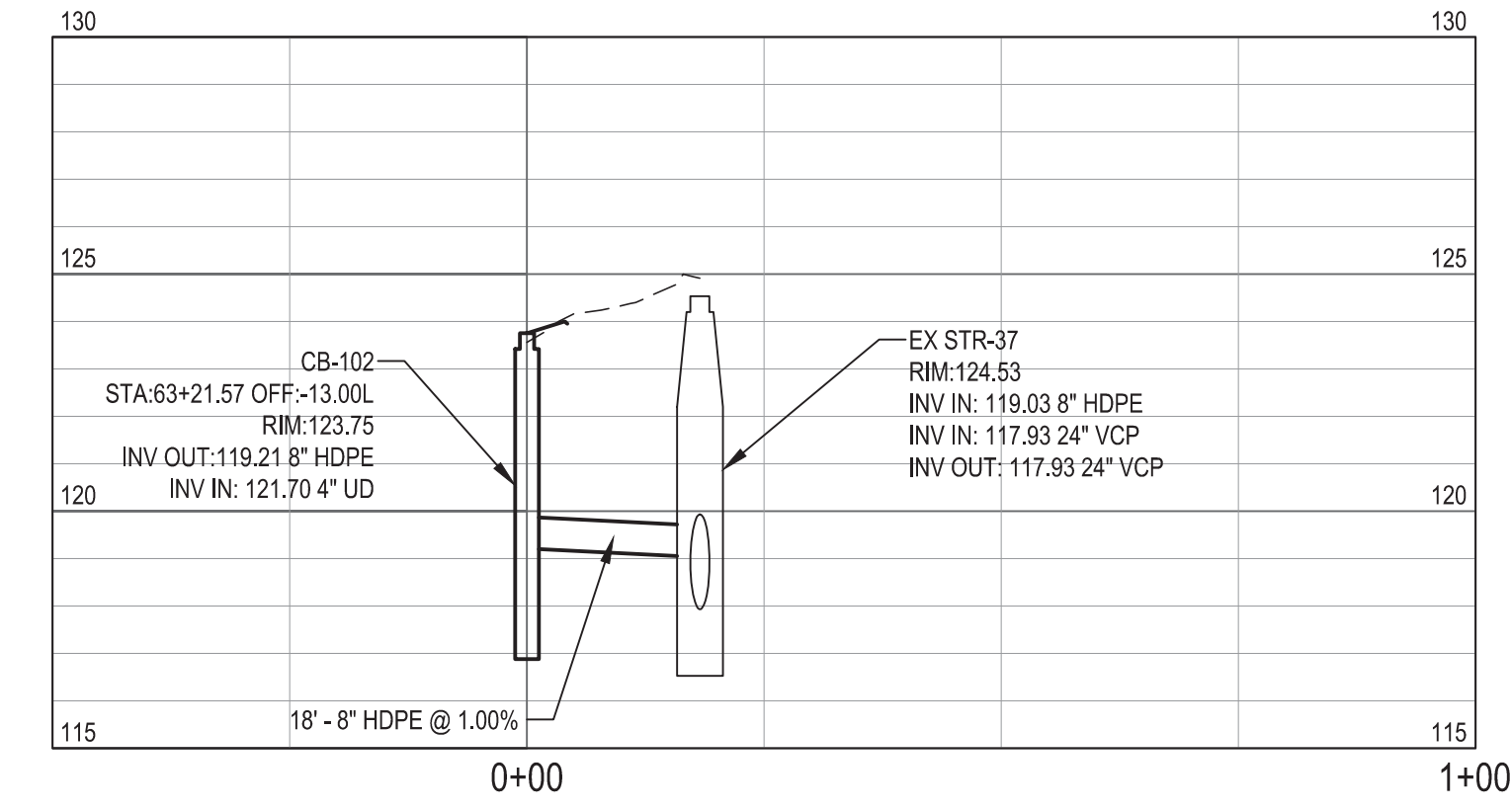
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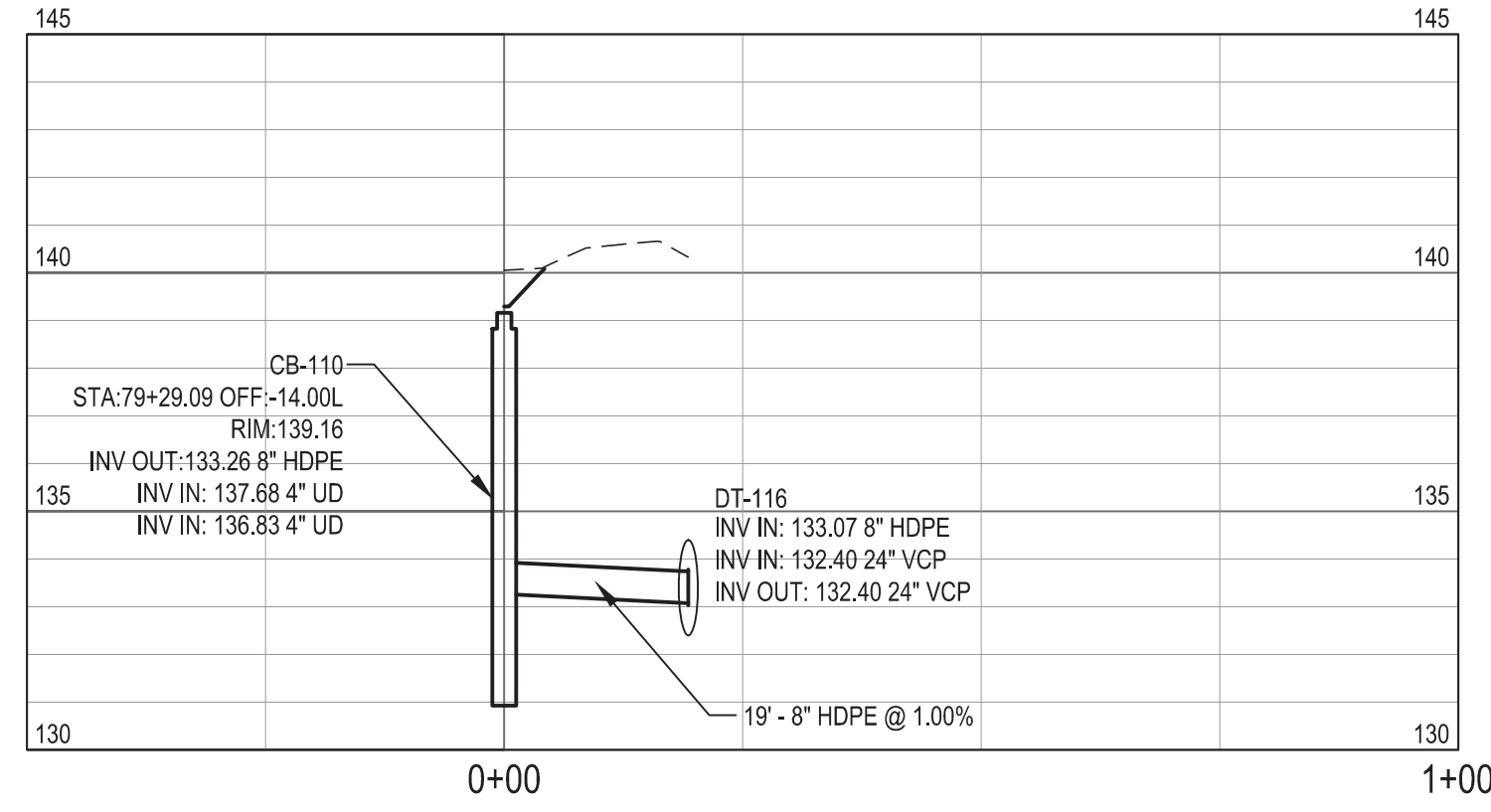
D-CB-106 PROFILE



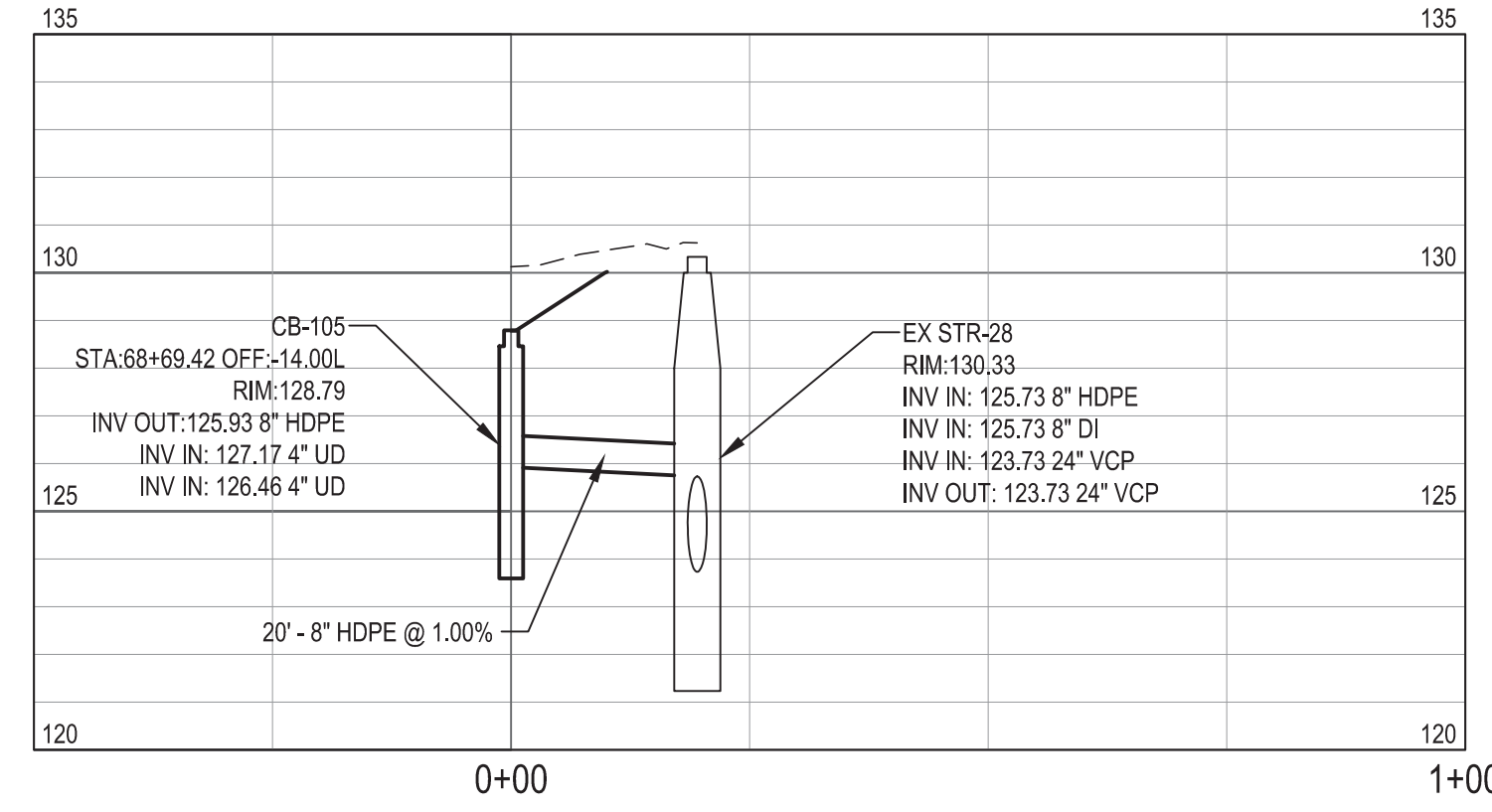
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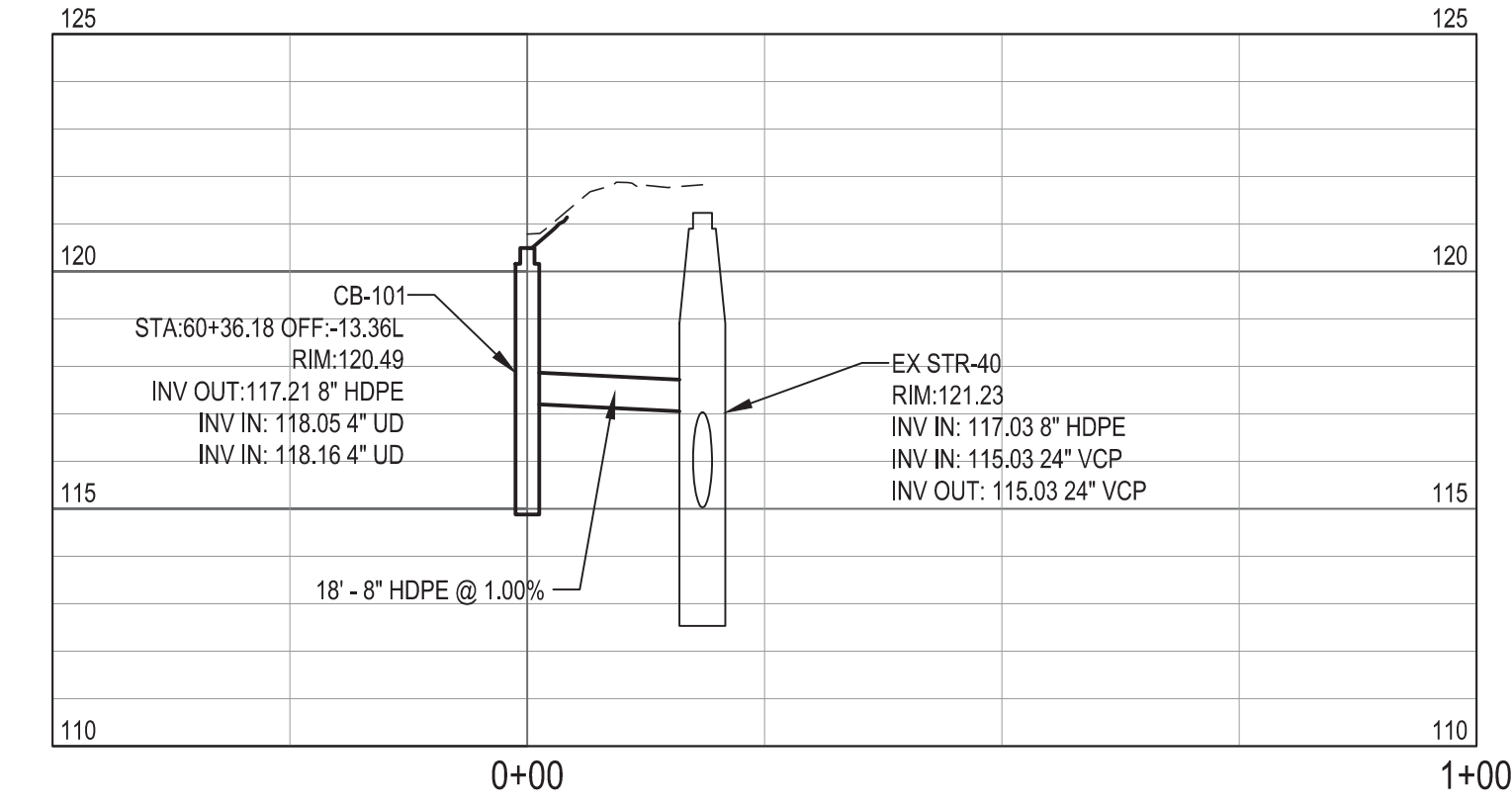
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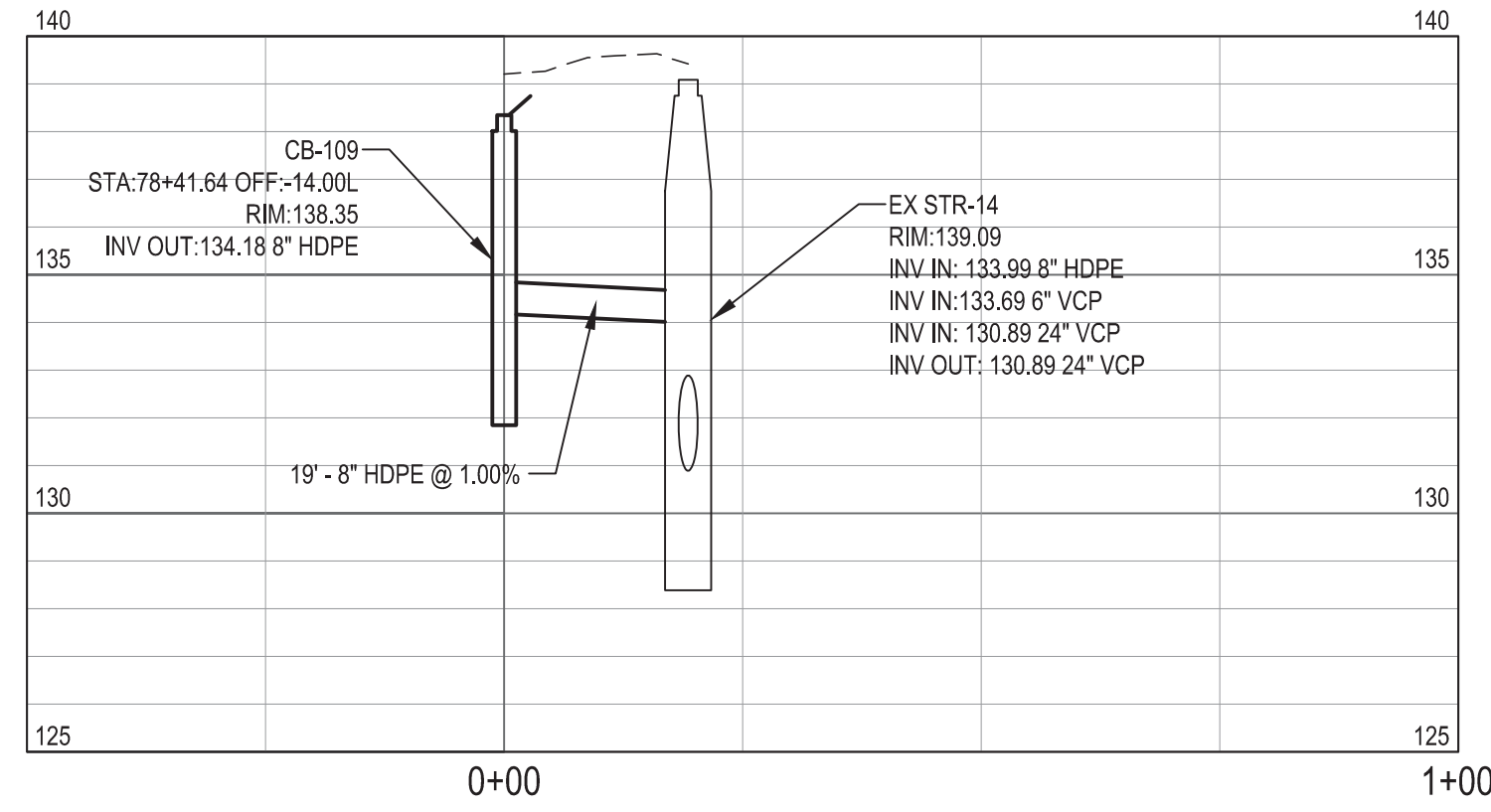
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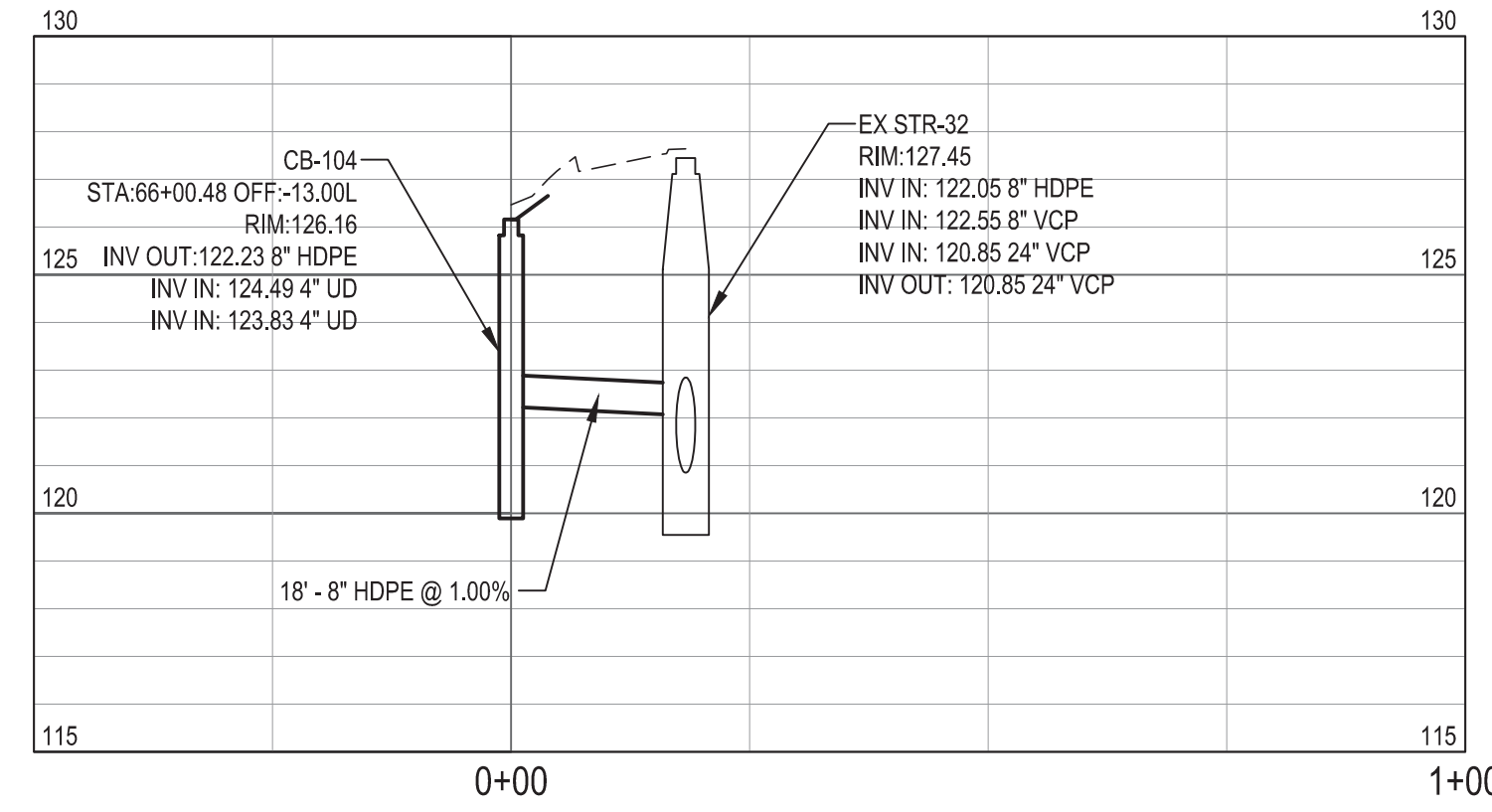
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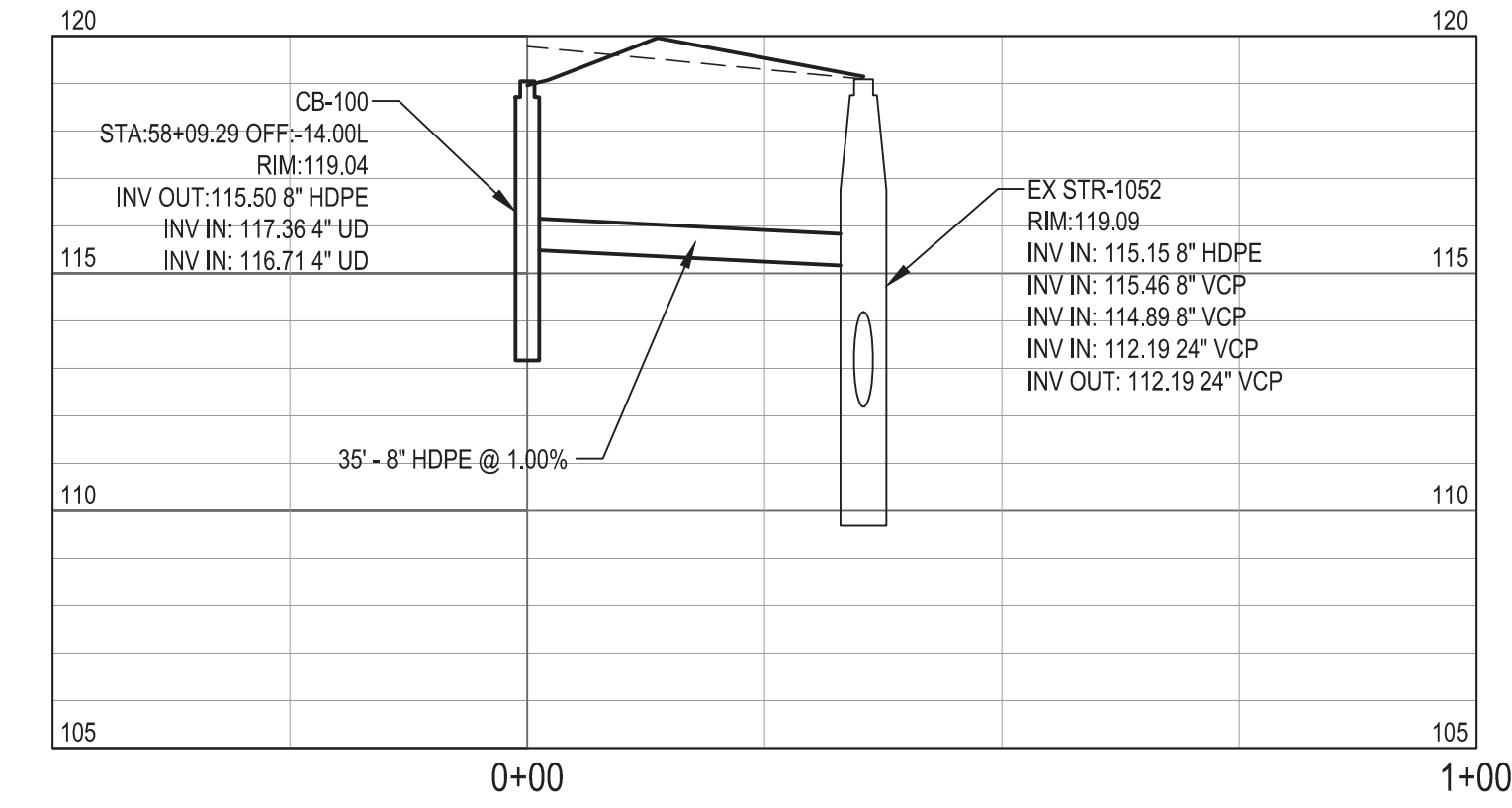
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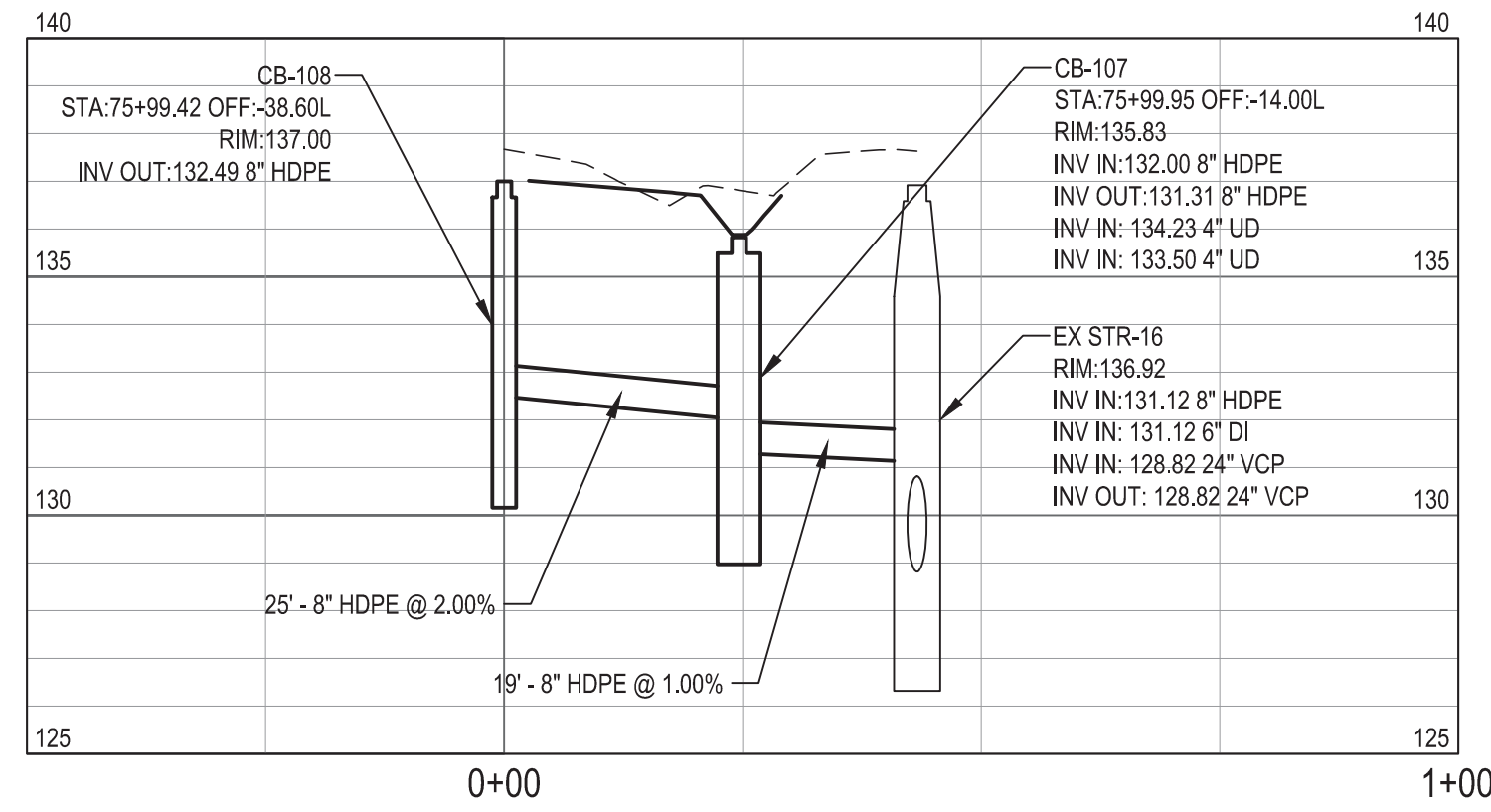
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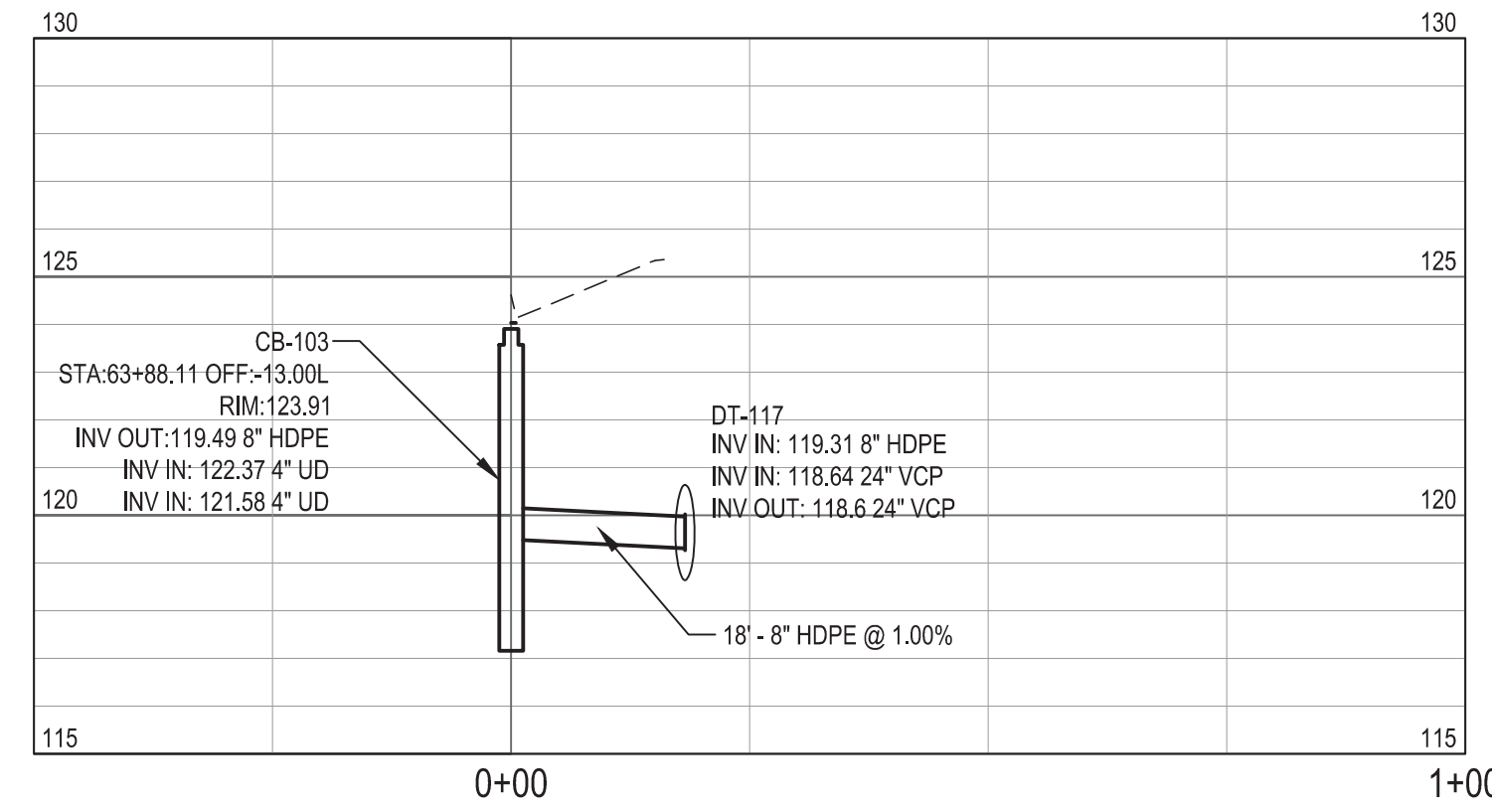
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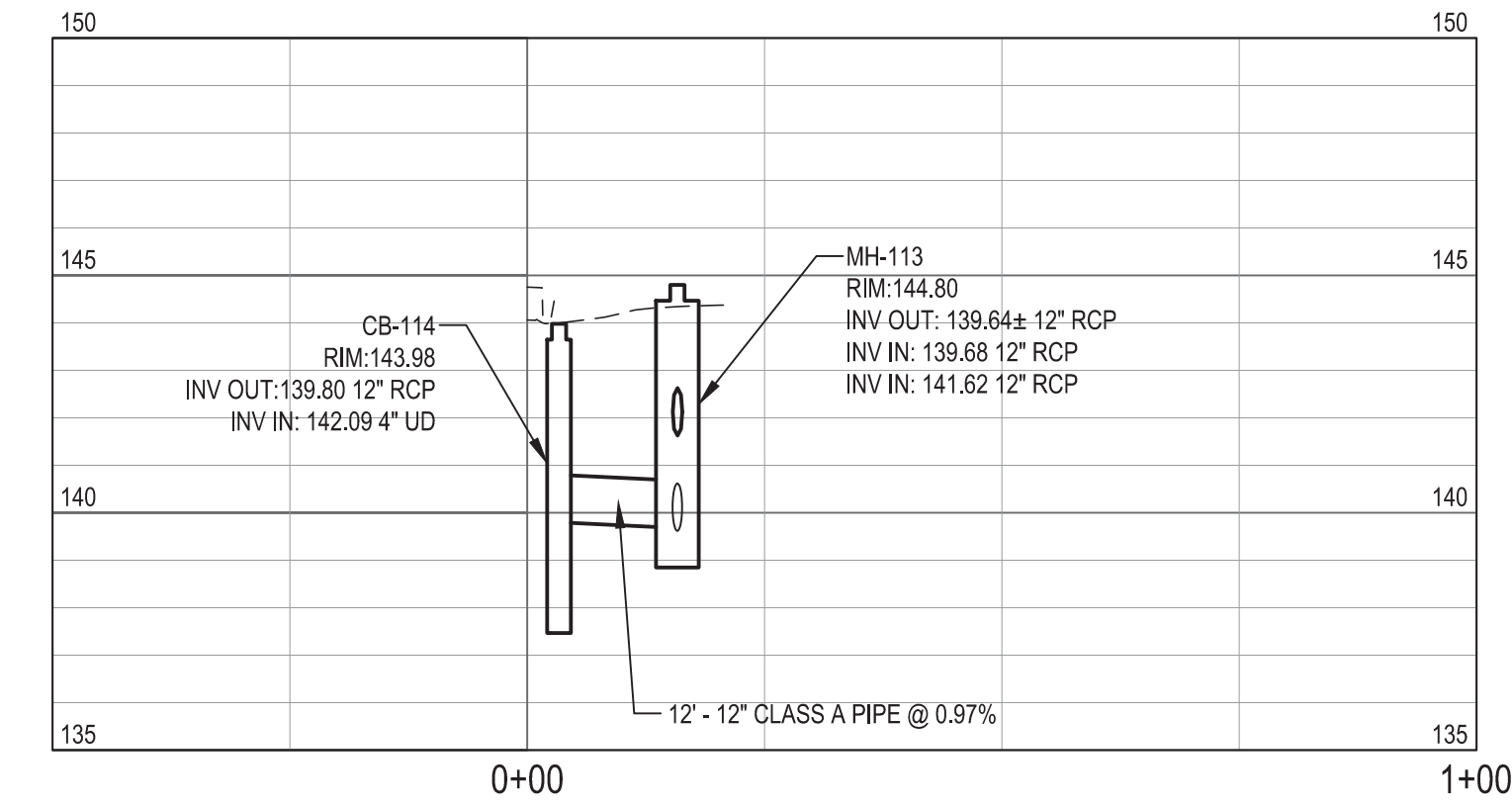
D-CB-108-CB-107 PROFILE



D-CB-103 PROFILE



D-CB-114-MH-113 PROFILE



Dequindre Cut Phase II

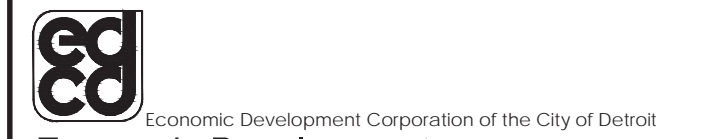
Dequindre Cut Detroit, Michigan



Owners:



City of Detroit



Economic Development Corporation of the City of Detroit

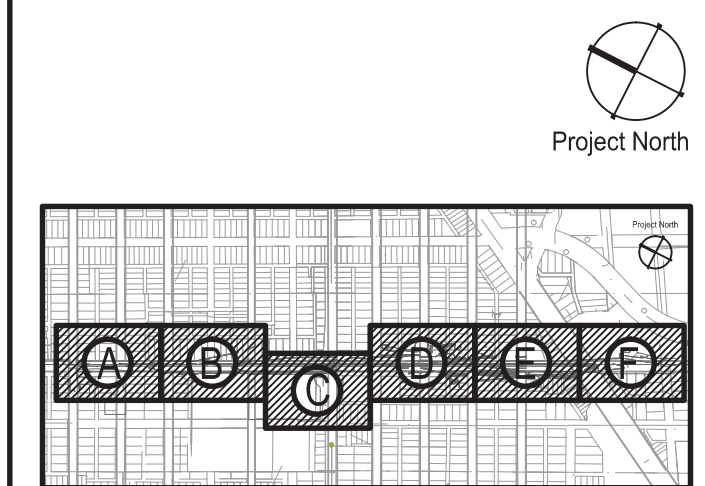
SMITHGROUP JJR

201 DEPOT STREET SECOND FLOOR ANN ARBOR, MI 48104 734.662.4457 www.smithgroupjjr.com

ISSUED FOR	REV	DATE
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE UTILITY PROFILES

GRAPHIC SCALE 1" = 20'-0" H; 1" = 10' V FULL SIZE SCALE (24x36)

PROJECT NUMBER 50572.000

DRAWING NUMBER D-C7.10



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STRUCTURE TABLE			
STRUCTURE NAME:	RIM/GROUND ELEV.:	PIPES IN:	PIPES OUT
DT-115	145.54	8" HDPE INV IN =138.67	
MH-113	144.80	12" RCP INV IN =139.68 12" RCP INV IN =141.62	
CB-112	144.17		8" HDPE INV OUT =138.86
CB-114	143.98		12" RCP INV OUT =139.80
CB-110	139.16		8" HDPE INV OUT =133.26
EX STR-14	139.09	8" HDPE INV IN =133.99	
DT-116	138.54	8" HDPE INV IN =133.07	
CB-109	138.35		8" HDPE INV OUT =134.18
CB-108	137.00		8" HDPE INV OUT =132.49
EX STR-16	136.92	8" HDPE INV IN =131.12	
CB-107	135.83	8" HDPE INV IN =132.00	8" HDPE INV OUT =131.31
EX STR-26	132.44	8" HDPE INV IN =127.84	
CB-106	131.50		8" HDPE INV OUT =128.04
EX STR-28	130.33	8" HDPE INV IN =125.73	
CB-105	128.79		8" HDPE INV OUT =125.93
EX STR-32	127.45	8" HDPE INV IN =122.05	
DT-117	126.21	8" HDPE INV IN =119.31	
CB-104	126.16		8" HDPE INV OUT =122.23
EX STR-37	124.53	8" HDPE INV IN =119.03	
CB-103	123.91		8" HDPE INV OUT =119.49
CB-102	123.75		8" HDPE INV OUT =119.21
EX STR-40	121.23	8" HDPE INV IN =117.03	
CB-101	120.49		8" HDPE INV OUT =117.21
EX STR-1052	119.09	8" HDPE INV IN =115.15	
CB-100	119.04		8" HDPE INV OUT =115.50

FIRE HYDRANT TABLE	
STRUCTURE NAME:	FINISH GRADE:
HYD-10	MATCH EXISTING ELEV.

UTILITY CONNECTIONS TABLE		
STRUCTURE NAME:	STATION:	OFFSET:
DT-115	STA: 83+93.56	OFF: 4.84, R
DT-116	STA: 79+29.09	OFF: 5.30, R
DT-117	STA: 63+88.11	OFF: 5.22, R
EX STR-14	STA: 78+40.75	OFF: 5.26, R
EX STR-16	STA: 76+00.16	OFF: 4.67, R
EX STR-26	STA: 71+40.59	OFF: 5.66, R
EX STR-28	STA: 68+68.79	OFF: 5.50, R
EX STR-32	STA: 66+00.25	OFF: 5.30, R
EX STR-37	STA: 63+20.32	OFF: 5.20, R
EX STR-40	STA: 60+36.10	OFF: 5.10, R
EX STR-1052	STA: 57+74.16	OFF: -9.55, L
MH-113	STA: 73+98.14	OFF: -330.80, L

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

SMITHGROUP JJR

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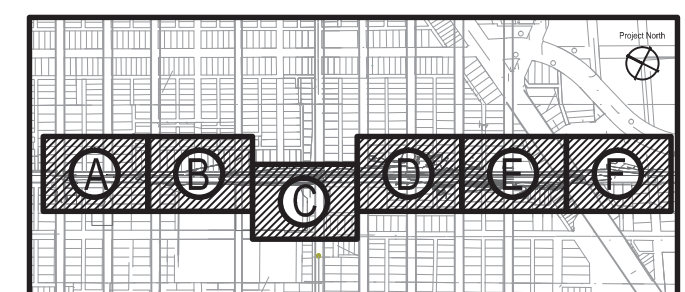
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SEALS AND SIGNATURES

KEY PLAN



Project North



DRAWING TITLE
**UTILITY STRUCTURE
TABLE**



GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"

PROJECT NUMBER

D-C7.11

DRAWING NUMBER

83 of 497



3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

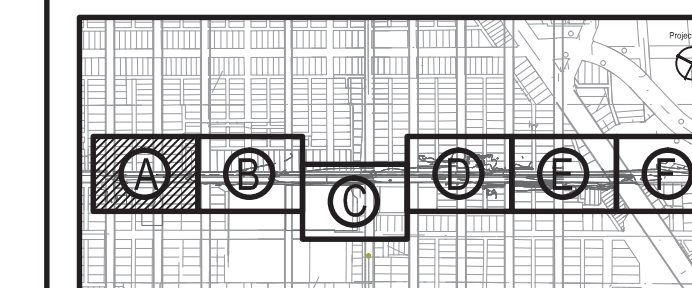
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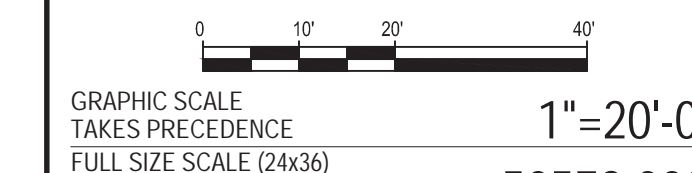
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

LANDSCAPE PLAN -
AREA A



PROJECT NUMBER

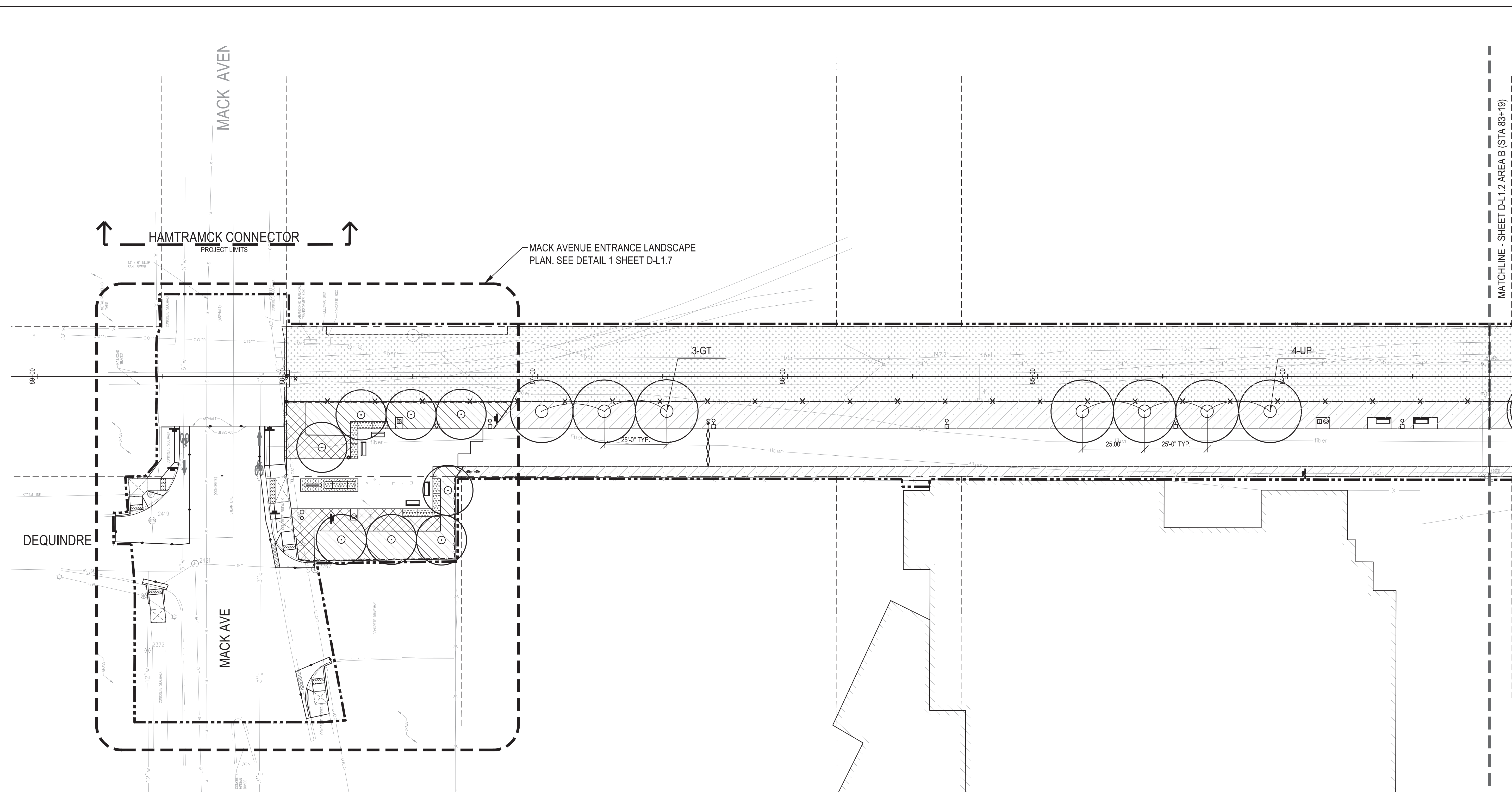
D-L1.1

DRAWING NUMBER

84 of 497



3 WORKING DAYS
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1-800-482-7171



DEQUINDRE CUT GREENWAY - PHASE II

LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_SEEDING, MODIFIED, TYPE 2
	RIGHT - OF - WAY LINE		PERENNIALS (5) (D-12.0)
	MATCH LINE		_MULCH, HARDWOOD BARK, 2 INCH DEPTH
	HORIZONTAL ALIGNMENT		_LANDSCAPE EDGING (8) (D-12.0)
	ADJACENT PROJECT		_FENCE, 72 INCH, TYPE D2
	SHADE TREE (1) (D-12.0)		_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)
	ORNAMENTAL TREE (2) (D-12.0)		_BENCH, TYPE D (2) (D-C5.2)
	_SEEDING, MODIFIED, TYPE 1		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)

REFER TO G0.7 FOR LANDSCAPE NOTES.

D-L1.1 - LANDSCAPE

QTY	UNIT	ITEM DESCRIPTION	ABBREVIATION	SPACING	NOTES
0	Ft	Echinacea purpurea 'Magnus', #1 cont.	EP	24" o.c.	Fully Rooted
900	Ea	_Festuca ovina var. glauca, #1 cont.	FO	12" o.c.	Fully Rooted
3	Ea	_Gleditsia triacanthos inermis 'Skyline', 3 inch, B&B	GT		1 Central Leader, 7' Branch Height, Well Branched Matched
0	Ea	_Lonicera sempervirens 'Major Wheeler', #1 cont.	LS	24" o.c.	Fully Rooted
42	Ft	_Nepeta x faassennii 'Walker's Low', #1 cont.	NF	18" o.c.	Fully Rooted
0	Ft	_Quercus imbricaria, 3 inch, B&B	QI		1 Central Leader, 7' Branch Height, Well Branched Matched
715	0	Rudbeckia fulgida 'Goldsturm', #1 cont.	RF	18" o.c.	Fully Rooted
8	Ea	_Syringa pekinensis 'Morton', 2 1/2 inch, B&B	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
4	Ea	_Ulmus 'Patriot', 3 inch, B&B	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
299	Ea	_Mulch, Hardwood Bark, 2 inch Depth	FO	12" o.c.	Fully Rooted
5,982	Ea	_Seeding, Type 1, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
14,209	Ea	_Seeding, Type 2, Modified	LS	24" o.c.	Fully Rooted
204	Ea	_Landscape Edging	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
665	Ea	_Topsoil Surface, 4 inch Depth, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
299	Ea	_Planting Mixture, 12 inch Depth	FO	12" o.c.	Fully Rooted
1	Ea	_Mowing, Modified			
1	Ea	_Watering and Cultivating, First Season, Modified			

Dequindre Cut Phase II

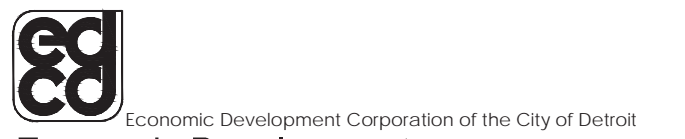
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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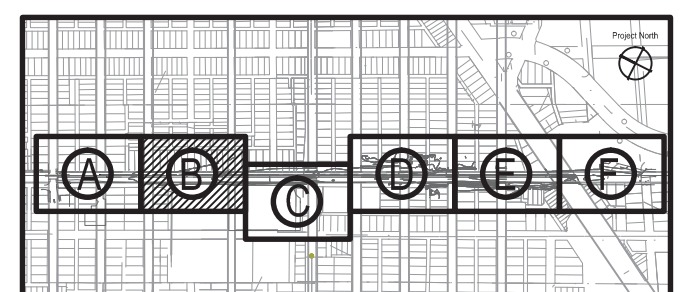
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SEALS AND SIGNATURES

KEY PLAN



Project North



DRAWING TITLE

LANDSCAPE PLAN - AREA B



GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER

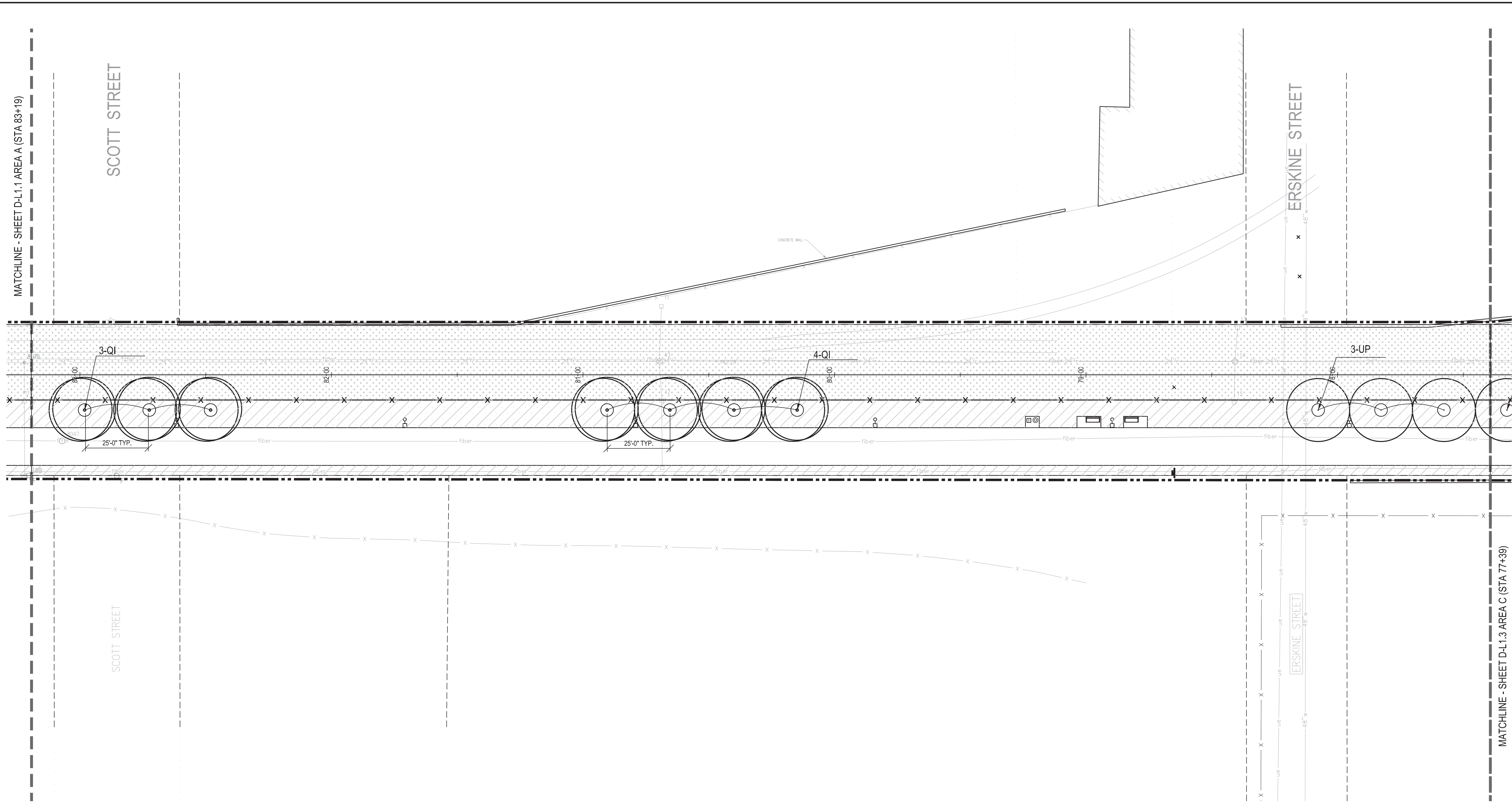
D-L1.2

DRAWING NUMBER

85 of 497



3 WORKING DAYS
BEFORE YOU DIG
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1-800-482-7171



DEQUINDRE CUT GREENWAY - PHASE II

LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		SEEDING, MODIFIED, TYPE 2
	RIGHT - OF - WAY LINE		PERENNIALS (5) (D-L2.0)
	MATCH LINE		MULCH, HARDWOOD BARK, 2 INCH DEPTH
	HORIZONTAL ALIGNMENT		LANDSCAPE EDGING (8) (D-L2.0)
	ADJACENT PROJECT		FENCE, 72 INCH, TYPE D2
	SHADE TREE (1) (D-L2.0)		TRASH RECEPTACLE, TYPE D (1) (D-CS.2)
	ORNAMENTAL TREE (2) (D-L2.0)		BENCH, TYPE D (2) (D-CS.2)
	SEEDING, MODIFIED, TYPE 1		GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-CS.2)

REFER TO G0.7 FOR LANDSCAPE NOTES.

D-L1.2 - LANDSCAPE

QTY	UNIT	ITEM DESCRIPTION	ABBREVIATION	SPACING	NOTES
0	Ft	Echinacea purpurea 'Magnus', #1 cont.	EP	24" o.c.	Fully Rooted
0	Ea	Festuca ovina var. glauca, #1 cont.	FO	12" o.c.	Fully Rooted
0	Ea	Gleditsia triacanthos inermis 'Skyline', 3 inch, B&B	GT		1 Central Leader, 7' Branch Height, Well Branched Matched
0	Ea	Lonicera sempervirens 'Major Wheeler', #1 cont.	LS	24" o.c.	Fully Rooted
0	Ft	Nepeta x faassennii 'Walker's Low', #1 cont.	NF	18" o.c.	Fully Rooted
7	Ft	Quercus imbricaria, 3 inch, B&B	QI		1 Central Leader, 7' Branch Height, Well Branched Matched
0	0	Rudbeckia fulgida 'Goldsturm', #1 cont.	RF	18" o.c.	Fully Rooted
0	Ea	Syringa pekinensis 'Morton', 2 1/2 inch, B&B	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
3	Ea	Ulmus 'Patriot', 3 inch, B&B	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
0	Ea	Mulch, Hardwood Bark, 2 inch Depth	FO	12" o.c.	Fully Rooted
8,590	Ea	Seeding, Type 1, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
17,398	Ea	Seeding, Type 2, Modified	LS	24" o.c.	Fully Rooted
0	Ea	Landscape Edging	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
954	Ea	Topsoil Surface, 4 inch Depth, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
0	Ea	Planting Mixture, 12 inch Depth	FO	12" o.c.	Fully Rooted
0	Ea	Mowing, Modified			
0	Ea	Watering and Cultivating, First Season, Modified			

Dequindre Cut
Phase II

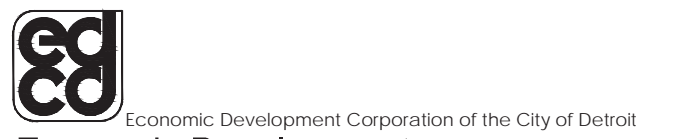
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

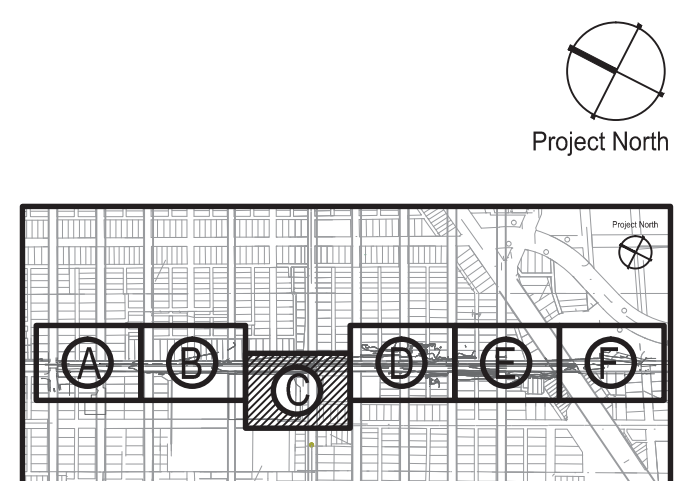
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ANN ARBOR, MI 48104
734.662.4457
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ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
BIDDING DOCUMENTS	4	MAY 02, 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
LANDSCAPE PLAN -
AREA C

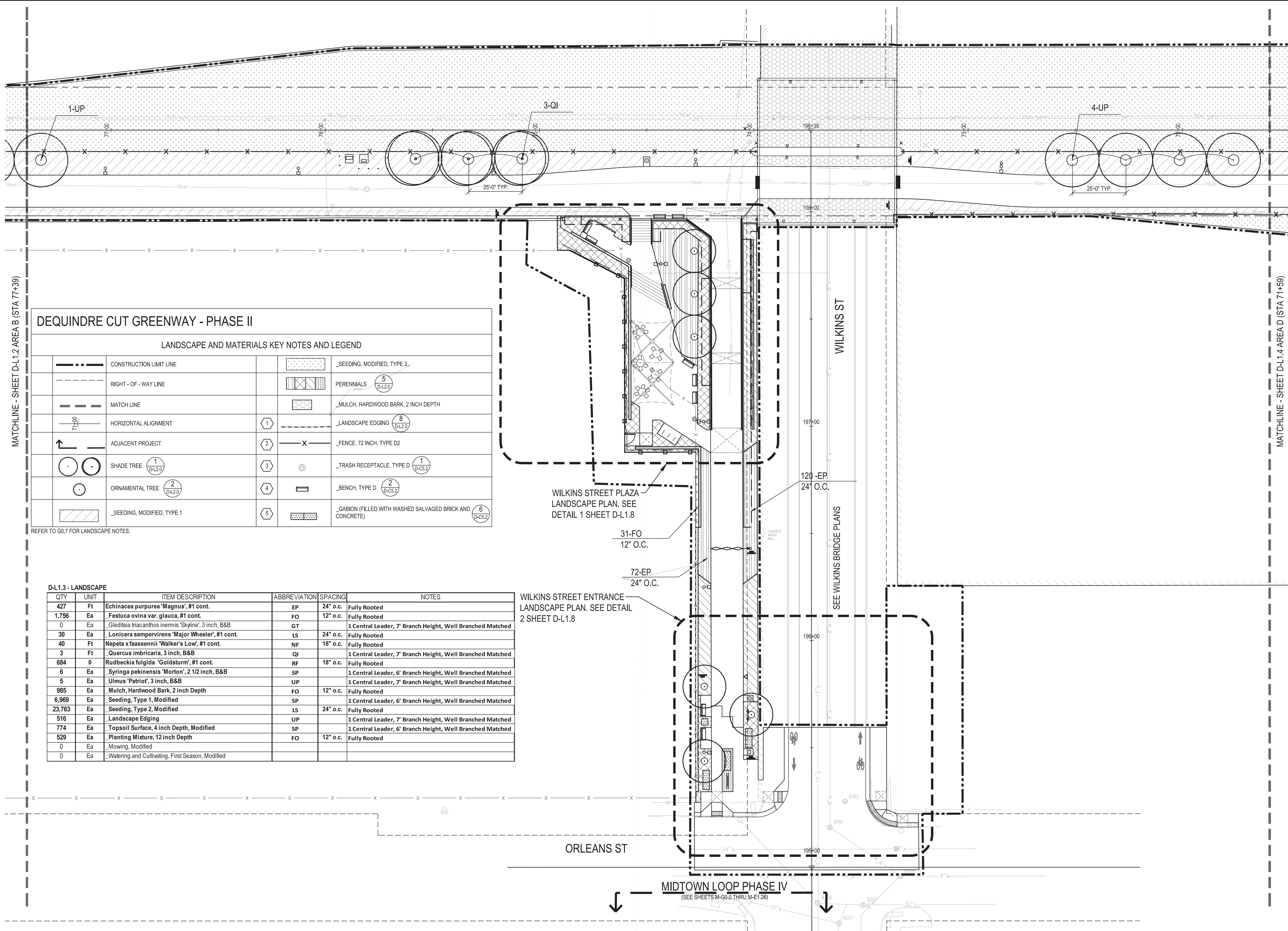
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER

D-L1.3

DRAWING NUMBER

86 of 497



DEQUINDRE CUT GREENWAY - PHASE II

LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		SEEDING, MODIFIED, TYPE 2
	RIGHT - OF - WAY LINE		PERENNIALS (5) (D-L2.0)
	MATCH LINE		MULCH, HARDWOOD BARK, 2 INCH DEPTH
	HORIZONTAL ALIGNMENT		LANDSCAPE EDGING (8) (D-L2.0)
	ADJACENT PROJECT		FENCE, 72 INCH, TYPE D2
	SHADE TREE (1) (D-L2.0)		TRASH RECEPTACLE, TYPE D (1) (D-CS.2)
	ORNAMENTAL TREE (2) (D-L2.0)		BENCH, TYPE D (2) (D-CS.2)
	SEEDING, MODIFIED, TYPE 1		GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-CS.2)

REFER TO G0.7 FOR LANDSCAPE NOTES.

D-L1.3 - LANDSCAPE

QTY	UNIT	ITEM DESCRIPTION	ABBREVIATION	SPACING	NOTES
427	Ft	Echinacea purpurea 'Magnus', #1 cont.	EP	24" o.c.	Fully Rooted
1,756	Ea	Festuca ovina var. glauca, #1 cont.	FO	12" o.c.	Fully Rooted
0	Ea	Gleditsia triacanthos inermis 'Skyline', 3 inch, B&B	GT		1 Central Leader, 7' Branch Height, Well Branched Matched
30	Ea	Lonicera sempervirens 'Major Wheeler', #1 cont.	LS	24" o.c.	Fully Rooted
40	Ft	Nepeta x faassennii 'Walker's Low', #1 cont.	NF	18" o.c.	Fully Rooted
3	Ft	Quercus imbricaria, 3 inch, B&B	QI		1 Central Leader, 7' Branch Height, Well Branched Matched
684	0	Rudbeckia fulgida 'Goldsturm', #1 cont.	RF	18" o.c.	Fully Rooted
6	Ea	Syringa pekinensis 'Morton', 2 1/2 inch, B&B	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
5	Ea	Ulmus 'Patriot', 3 inch, B&B	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
985	Ea	Mulch, Hardwood Bark, 2 inch Depth	FO	12" o.c.	Fully Rooted
6,969	Ea	Seeding, Type 1, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
23,763	Ea	Seeding, Type 2, Modified	LS	24" o.c.	Fully Rooted
516	Ea	Landscape Edging	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
774	Ea	Topsoil Surface, 4 inch Depth, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
529	Ea	Planting Mixture, 12 inch Depth	FO	12" o.c.	Fully Rooted
0	Ea	Mowing, Modified			
0	Ea	Watering and Cultivating, First Season, Modified			

WILKINS STREET ENTRANCE
LANDSCAPE PLAN. SEE DETAIL
2 SHEET D-L1.8

WILKINS STREET PLAZA
LANDSCAPE PLAN. SEE
DETAIL 1 SHEET D-L1.8

MATCHLINE - SHEET D-L1.2 AREA B (STA 77+39)

MATCHLINE - SHEET D-L1.4 AREA D (STA 71+59)

FILE: \\pop-filen\Projects\50572.000\CAD\Sheet\50572-LAND-SHT.dwg USER: jgreene DATE: May 22, 2013 TIME: 11:34 am



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Dequindre Cut Phase II

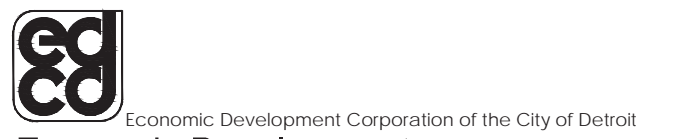
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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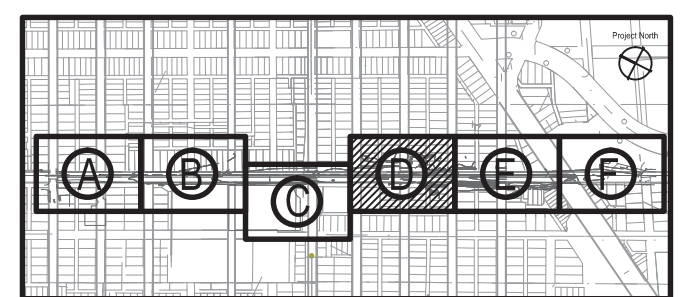
ISSUED FOR	REV	DATE
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50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN

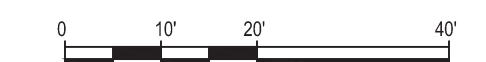


Project North



DRAWING TITLE

LANDSCAPE PLAN - AREA D



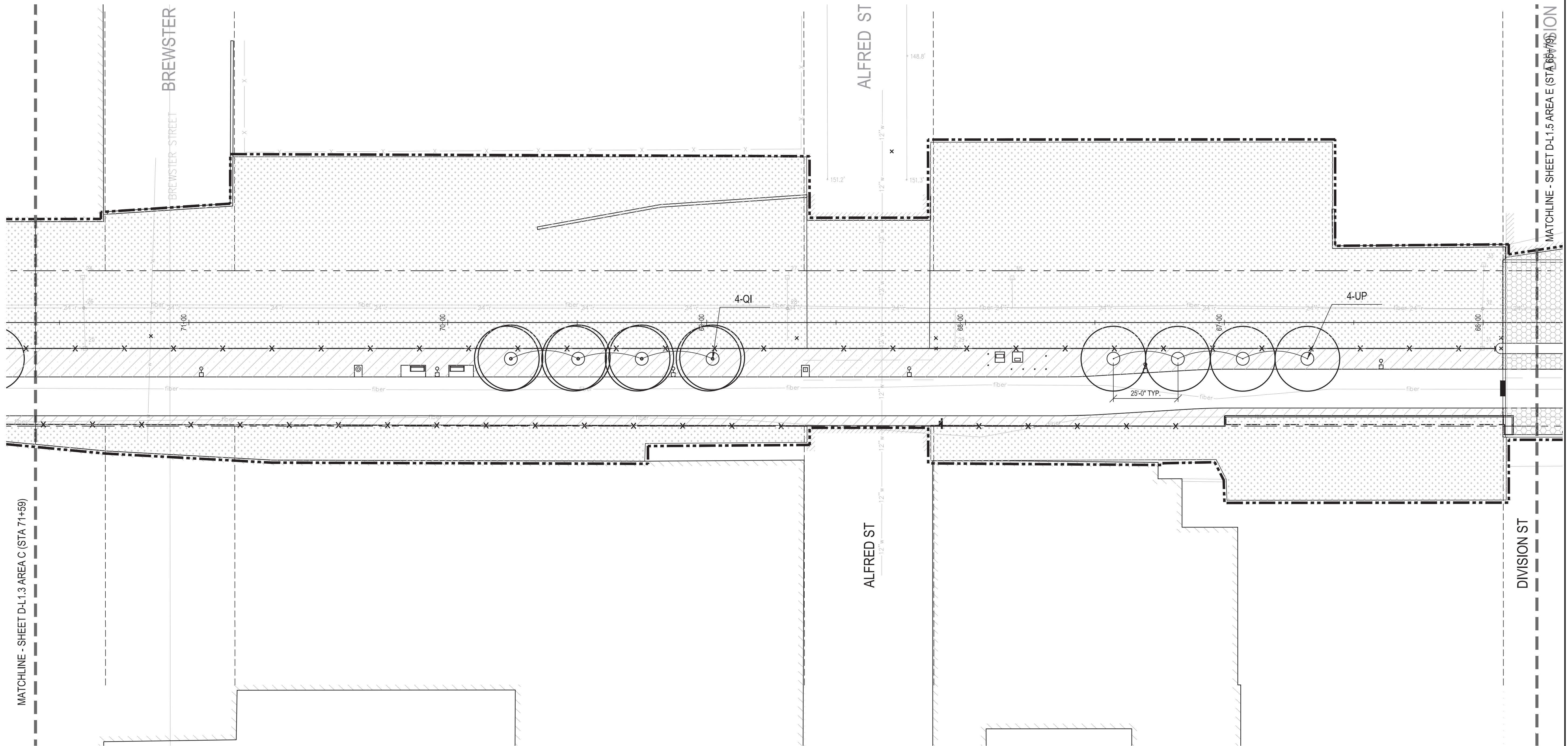
GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER

D-L1.4

DRAWING NUMBER

87 of 497



DEQUINDRE CUT GREENWAY - PHASE II

LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_SEEDING, MODIFIED, TYPE 2
	RIGHT - OF - WAY LINE		PERENNIALS (5) (D-2.0)
	MATCH LINE		_MULCH, HARDWOOD BARK, 2 INCH DEPTH
	HORIZONTAL ALIGNMENT		_LANDSCAPE EDGING (8) (D-1.0)
	ADJACENT PROJECT		_FENCE, 72 INCH, TYPE D2
	SHADE TREE (1) (D-1.0)		_TRASH RECEPTACLE, TYPE D (1) (D-C5.2)
	ORNAMENTAL TREE (2) (D-1.0)		_BENCH, TYPE D (2) (D-C5.2)
	_SEEDING, MODIFIED, TYPE 1		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)

REFER TO G0.7 FOR LANDSCAPE NOTES.

D-L1.4 - LANDSCAPE

QTY	UNIT	ITEM DESCRIPTION	ABBREVIATION	SPACING	NOTES
0	Ft	Echinacea purpurea 'Magnus', #1 cont.	EP	24" o.c.	Fully Rooted
0	Ea	_Festuca ovina var. glauca, #1 cont.	FO	12" o.c.	Fully Rooted
0	Ea	_Gleditsia triacanthos inermis 'Skyline', 3 inch, B&B	GT		1 Central Leader, 7' Branch Height, Well Branched Matched
0	Ea	_Lonicera sempervirens 'Major Wheeler', #1 cont.	LS	24" o.c.	Fully Rooted
0	Ft	Nepeta x faassennii 'Walker's Low', #1 cont.	NF	18" o.c.	Fully Rooted
4	Ft	_Quercus imbricaria, 3 inch, B&B	QI		1 Central Leader, 7' Branch Height, Well Branched Matched
0	0	Rudbeckia fulgida 'Goldsturm', #1 cont.	RF	18" o.c.	Fully Rooted
0	Ea	_Syringa pekinensis 'Morton', 2 1/2 inch, B&B	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
4	Ea	_Ulmus 'Patriot', 3 inch, B&B	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
70	Ea	_Mulch, Hardwood Bark, 2 inch Depth	FO	12" o.c.	Fully Rooted
7,798	Ea	_Seeding, Type 1, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
42,563	Ea	_Seeding, Type 2, Modified	LS	24" o.c.	Fully Rooted
47	Ea	_Landscape Edging	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
866	Ea	_Topsoil Surface, 4 inch Depth, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
0	Ea	_Planting Mixture, 12 inch Depth	FO	12" o.c.	Fully Rooted
0	Ea	_Mowing, Modified			
0	Ea	_Watering and Cultivating, First Season, Modified			



3 WORKING DAYS
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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

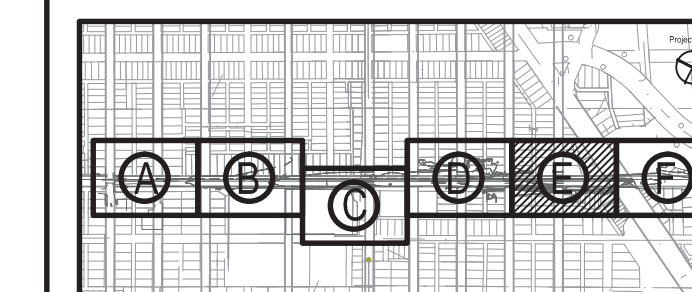
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

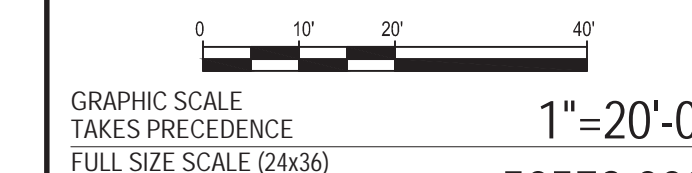
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

LANDSCAPE PLAN - AREA E



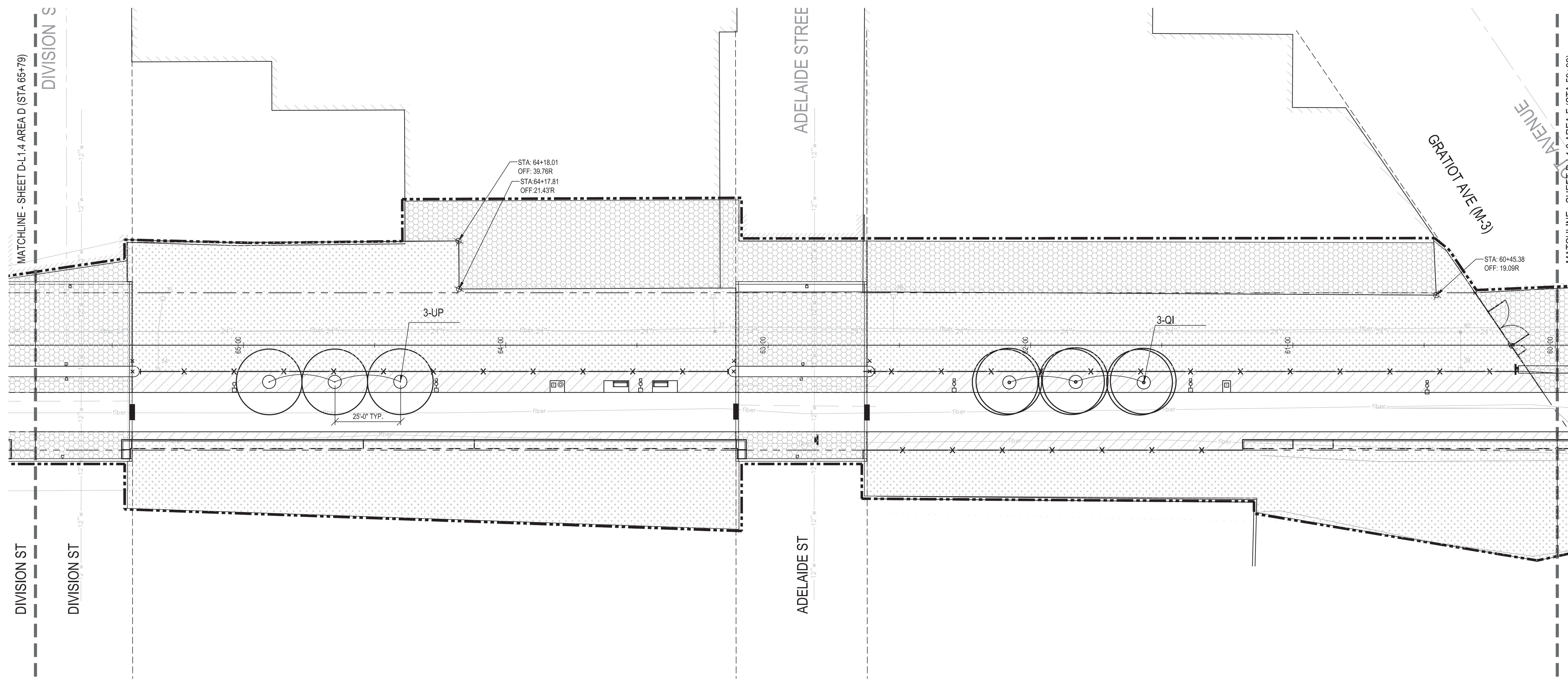
PROJECT NUMBER

D-L1.5

DRAWING NUMBER

88 of 497

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LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND	
	CONSTRUCTION LIMIT LINE
	RIGHT - OF - WAY LINE
	MATCH LINE
	HORIZONTAL ALIGNMENT
	ADJACENT PROJECT
	SHADE TREE (1) (D-42.0)
	ORNAMENTAL TREE (2) (D-42.0)
	SEEDING, MODIFIED, TYPE 1
	SEEDING, MODIFIED, TYPE 2
	PERENNIALS (5) (D-42.0)
	MULCH, HARDWOOD BARK, 2 INCH DEPTH
	LANDSCAPE EDGING (8) (D-42.0)
	FENCE, 72 INCH, TYPE D2
	TRASH RECEPTACLE, TYPE D (1) (D-C5.2)
	BENCH, TYPE D (2) (D-C5.2)
	GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-C5.2)

REFER TO G0.7 FOR LANDSCAPE NOTES.

D-L1.5 - LANDSCAPE						
QTY	UNIT	ITEM DESCRIPTION	ABBREVIATION	SPACING	NOTES	
0	Ft	Echinacea purpurea 'Magnus', #1 cont.	EP	24" o.c.	Fully Rooted	
0	Ea	Festuca ovina var. glauca, #1 cont.	FO	12" o.c.	Fully Rooted	
0	Ea	Gleditsia triacanthos inermis 'Skyline', 3 inch, B&B	GT		1 Central Leader, 7' Branch Height, Well Branched Matched	
0	Ea	Lonicera sempervirens 'Major Wheeler', #1 cont.	LS	24" o.c.	Fully Rooted	
0	Ft	Nepeta x faassenii 'Walker's Low', #1 cont.	NF	18" o.c.	Fully Rooted	
4	Ft	Quercus imbricaria, 3 inch, B&B	QI		1 Central Leader, 7' Branch Height, Well Branched Matched	
0	0	Rudbeckia fulgida 'Goldsturm', #1 cont.	RF	18" o.c.	Fully Rooted	
0	Ea	Syringa pekinensis 'Morton', 2 1/2 inch, B&B	SP		1 Central Leader, 6' Branch Height, Well Branched Matched	
3	Ea	Ulmus 'Patriot', 3 inch, B&B	UP		1 Central Leader, 7' Branch Height, Well Branched Matched	
1,531	Ea	Mulch, Hardwood Bark, 2 inch Depth	FO	12" o.c.	Fully Rooted	
5,800	Ea	Seeding, Type 1, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched	
19,826	Ea	Seeding, Type 2, Modified	LS	24" o.c.	Fully Rooted	
185	Ea	Landscape Edging	UP		1 Central Leader, 7' Branch Height, Well Branched Matched	
644	Ea	Topsoil Surface, 4 inch Depth, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched	
0	Ea	Planting Mixture, 12 inch Depth	FO	12" o.c.	Fully Rooted	
0	Ea	Mowing, Modified				
0	Ea	Watering and Cultivating, First Season, Modified				



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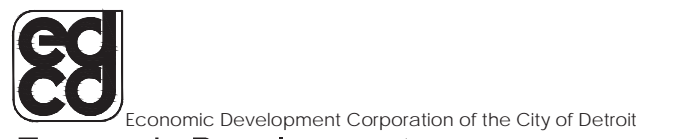
Dequindre Cut
Detroit, Michigan



Owners:



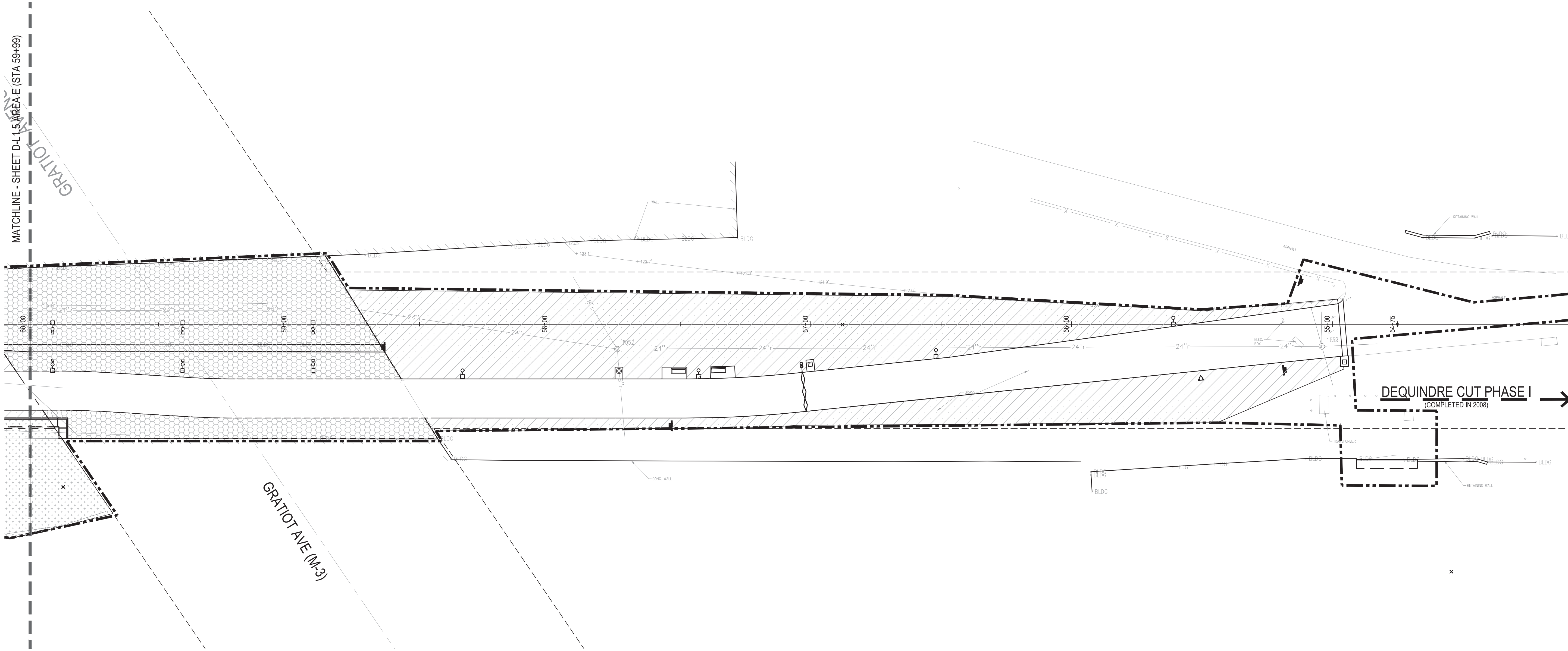
City of Detroit



Economic Development
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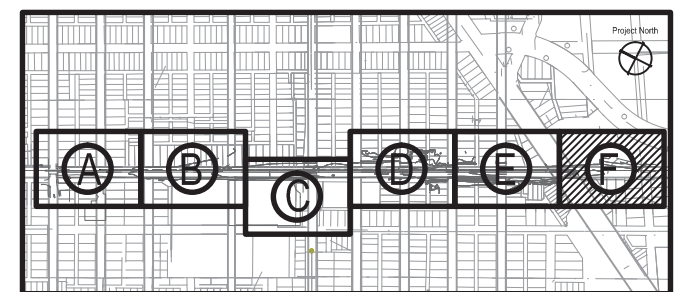
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80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DEQUINDRE CUT GREENWAY - PHASE II

LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_SEEDING, MODIFIED, TYPE 2
	RIGHT - OF - WAY LINE		PERENNIALS (5) (D-L2.0)
	MATCH LINE		_MULCH, HARDWOOD BARK, 2 INCH DEPTH
	HORIZONTAL ALIGNMENT		_LANDSCAPE EDGING (8) (D-L2.0)
	ADJACENT PROJECT		_FENCE, 72 INCH, TYPE D2
	SHADE TREE (1) (D-L2.0)		_TRASH RECEPTACLE, TYPE D (1) (D-CS2)
	ORNAMENTAL TREE (2) (D-L2.0)		_BENCH, TYPE D (2) (D-CS2)
	_SEEDING, MODIFIED, TYPE 1		_GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-CS2)

REFER TO G0.7 FOR LANDSCAPE NOTES.

D-L1.6 - LANDSCAPE

QTY	UNIT	ITEM DESCRIPTION	ABBREVIATION	SPACING	NOTES
0	Ft	Echinacea purpurea 'Magnus', #1 cont.	EP	24" o.c.	Fully Rooted
0	Ea	Festuca ovina var. glauca, #1 cont.	FO	12" o.c.	Fully Rooted
0	Ea	Gleditsia triacanthos inermis 'Skyline', 3 inch, B&B	GT		1 Central Leader, 7' Branch Height, Well Branched Matched
0	Ea	Lonicera sempervirens 'Major Wheeler', #1 cont.	LS	24" o.c.	Fully Rooted
0	Ft	Nepeta x faassennii 'Walker's Low', #1 cont.	NF	18" o.c.	Fully Rooted
0	Ft	Quercus imbricaria, 3 inch, B&B	QI		1 Central Leader, 7' Branch Height, Well Branched Matched
0	0	Rudbeckia fulgida 'Goldsturm', #1 cont.	RF	18" o.c.	Fully Rooted
0	Ea	Syringa pekinensis 'Morton', 2 1/2 inch, B&B	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
0	Ea	Ulmus 'Patriot', 3 inch, B&B	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
763	Ea	Mulch, Hardwood Bark, 2 inch Depth	FO	12" o.c.	Fully Rooted
11,600	Ea	Seeding, Type 1, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
0	Ea	Seeding, Type 2, Modified	LS	24" o.c.	Fully Rooted
68	Ea	Landscape Edging	UP		1 Central Leader, 7' Branch Height, Well Branched Matched
1,291	Ea	Topsoil Surface, 4 inch Depth, Modified	SP		1 Central Leader, 6' Branch Height, Well Branched Matched
0	Ea	Planting Mixture, 12 inch Depth	FO	12" o.c.	Fully Rooted
0	Ea	Mowing, Modified			
0	Ea	Watering and Cultivating, First Season, Modified			

DRAWING TITLE

LANDSCAPE PLAN -
AREA F

0 10' 20' 40'

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1"=20'-0"
50572.000

PROJECT NUMBER

D-L1.6

DRAWING NUMBER

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Dequindre Cut
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Owners:



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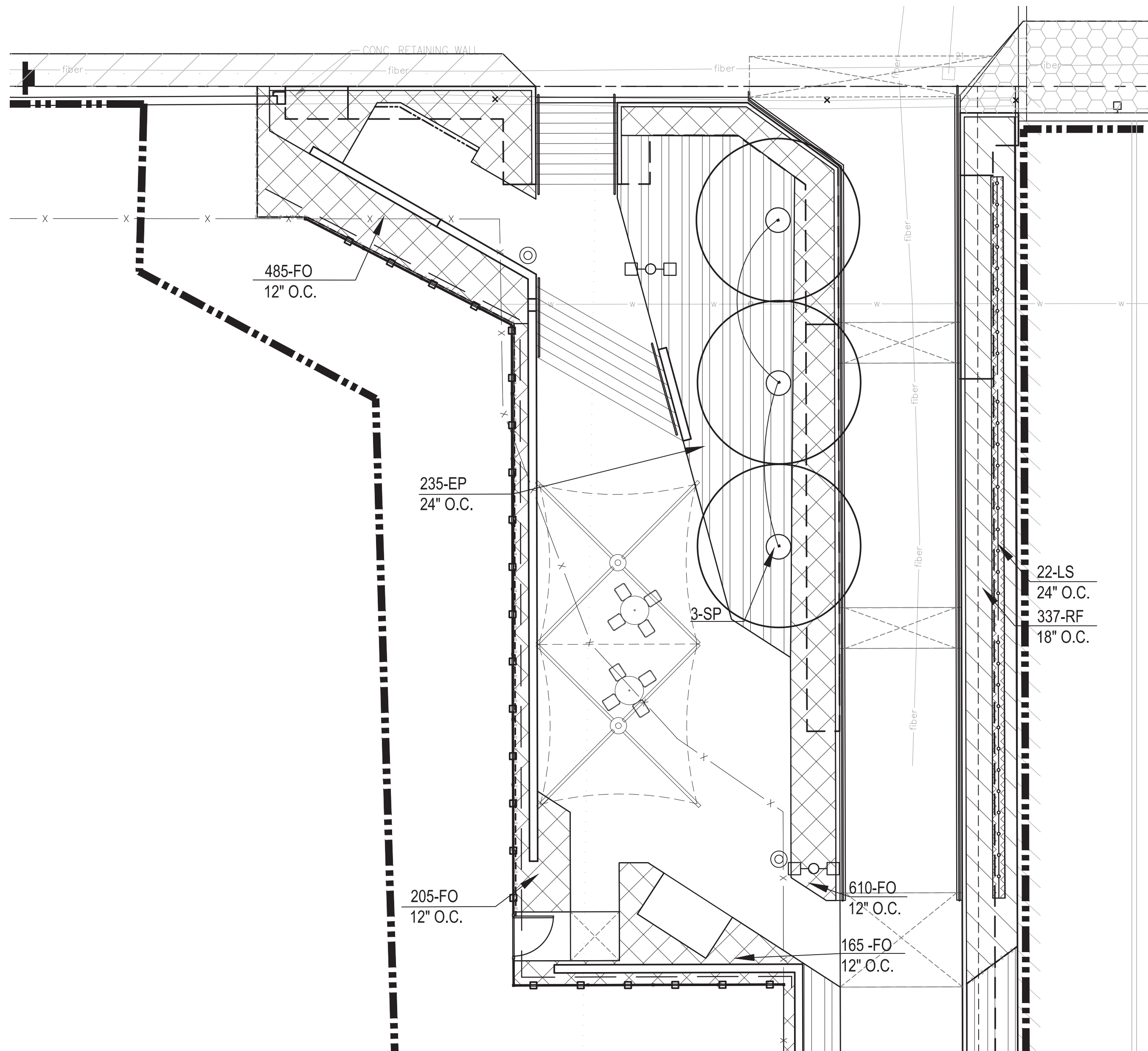
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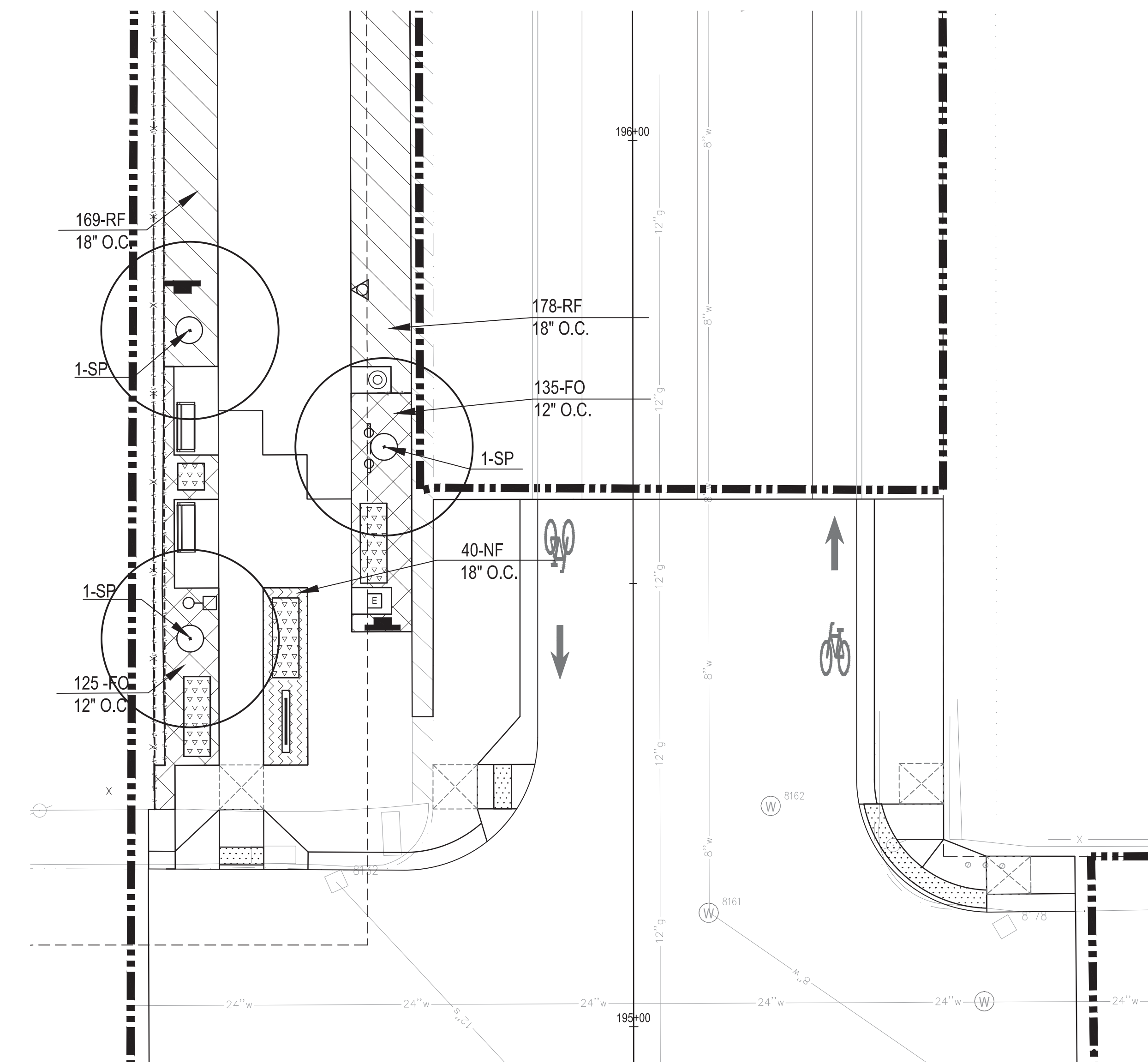
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GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES



1 WILKINS STREET PLAZA LANDSCAPE PLAN
PLAN

1" = 10'-0"



2 WILKINS STREET ENTRANCE LANDSCAPE PLAN
PLAN

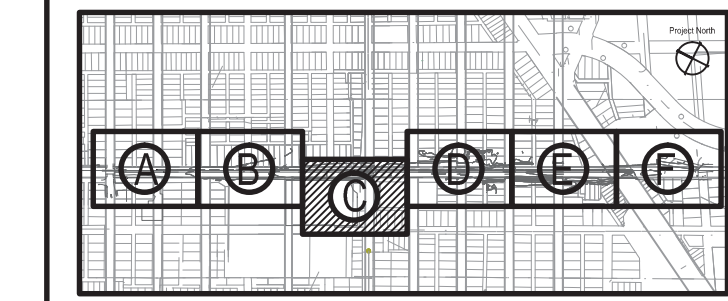
1" = 10'-0"

LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND			
	CONSTRUCTION LIMIT LINE		SEEDING, MODIFIED, TYPE 2
	RIGHT - OF - WAY LINE		PERENNIALS (5) (D-L2.0)
	MATCH LINE		MULCH, HARDWOOD BARK, 2 INCH DEPTH
	HORIZONTAL ALIGNMENT		LANDSCAPE EDGING (8) (D-L2.0)
	ADJACENT PROJECT		FENCE, 72 INCH, TYPE D2
	SHADE TREE (1) (D-L2.0)		TRASH RECEPTACLE, TYPE D (1) (D-CS2)
	ORNAMENTAL TREE (2) (D-L2.0)		BENCH, TYPE D (2) (D-CS2)
	SEEDING, MODIFIED, TYPE 1		GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-CS2)

REFER TO G0.7 FOR LANDSCAPE NOTES.
PAY ITEMS SHOWN ON THIS SHEET ARE INCLUDED ON SHEET D-L1.3.

ABBREVIATION	SPACING	NOTES
EP	24" o.c.	Fully Rooted
FO	12" o.c.	Fully Rooted
GT		1 Central Leader, 7' Branch Height, Well Branched Matched
LS	24" o.c.	Fully Rooted
NF	18" o.c.	Fully Rooted
QI		1 Central Leader, 7' Branch Height, Well Branched Matched
RF	18" o.c.	Fully Rooted
SP		1 Central Leader, 6' Branch Height, Well Branched Matched
UP		1 Central Leader, 7' Branch Height, Well Branched Matched
FO	12" o.c.	Fully Rooted
SP		1 Central Leader, 6' Branch Height, Well Branched Matched
LS	24" o.c.	Fully Rooted
UP		1 Central Leader, 7' Branch Height, Well Branched Matched
SP		1 Central Leader, 6' Branch Height, Well Branched Matched
FO	12" o.c.	Fully Rooted

KEY PLAN
Project North



DRAWING TITLE LANDSCAPE PLAN - AREA C ENLARGEMENT

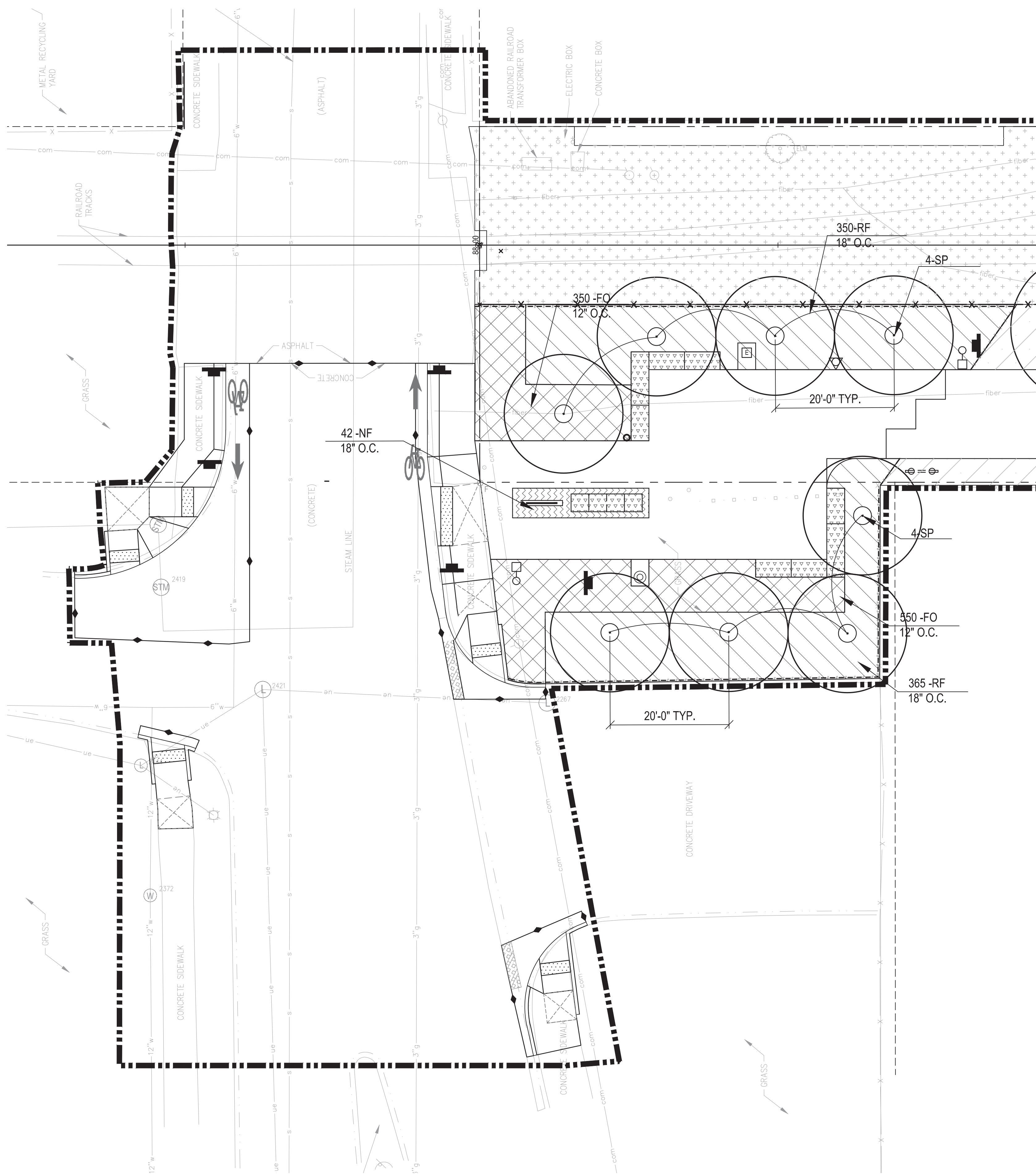
GRAPHIC SCALE
TAKES PRECEDENCE
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1" = 10'-0"
50752.000

PROJECT NUMBER
D-L1.8
DRAWING NUMBER
90 of 497



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DEQUINDRE CUT GREENWAY - PHASE II

LANDSCAPE AND MATERIALS KEY NOTES AND LEGEND

	CONSTRUCTION LIMIT LINE		_SEEDING, MODIFIED, TYPE 2
	RIGHT - OF - WAY LINE		PERENNIALS (5) (D-L2.0)
	MATCH LINE		_MULCH, HARDWOOD BARK, 2 INCH DEPTH
	HORIZONTAL ALIGNMENT		_LANDSCAPE EDGING (8) (D-L2.0)
	ADJACENT PROJECT		_FENCE, 72 INCH, TYPE D2
	SHADE TREE (1) (D-L2.0)		_TRASH RECEPTACLE, TYPE D (1) (D-CS.2)
	ORNAMENTAL TREE (2) (D-L2.0)		_BENCH, TYPE D (2) (D-CS.2)
	_SEEDING, MODIFIED, TYPE 1		GABION (FILLED WITH WASHED SALVAGED BRICK AND CONCRETE) (6) (D-CS.2)

REFER TO G0.7 FOR LANDSCAPE NOTES.
PAY ITEMS SHOWN ON THIS SHEET ARE INCLUDED ON SHEET D-L1.1.

ABBREVIATION	SPACING	NOTES
EP	24" o.c.	Fully Rooted
FO	12" o.c.	Fully Rooted
GT		1 Central Leader, 7' Branch Height, Well Branched Matched
LS	24" o.c.	Fully Rooted
NF	18" o.c.	Fully Rooted
QJ		1 Central Leader, 7' Branch Height, Well Branched Matched
RF	18" o.c.	Fully Rooted
SP		1 Central Leader, 6' Branch Height, Well Branched Matched
UP		1 Central Leader, 7' Branch Height, Well Branched Matched
FO	12" o.c.	Fully Rooted
SP		1 Central Leader, 6' Branch Height, Well Branched Matched
LS	24" o.c.	Fully Rooted
UP		1 Central Leader, 7' Branch Height, Well Branched Matched
SP		1 Central Leader, 6' Branch Height, Well Branched Matched
FO	12" o.c.	Fully Rooted

1 MACK AVENUE ENTRANCE LANDSCAPE PLAN
PLAN

1" = 10'-0"

Dequindre Cut
Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

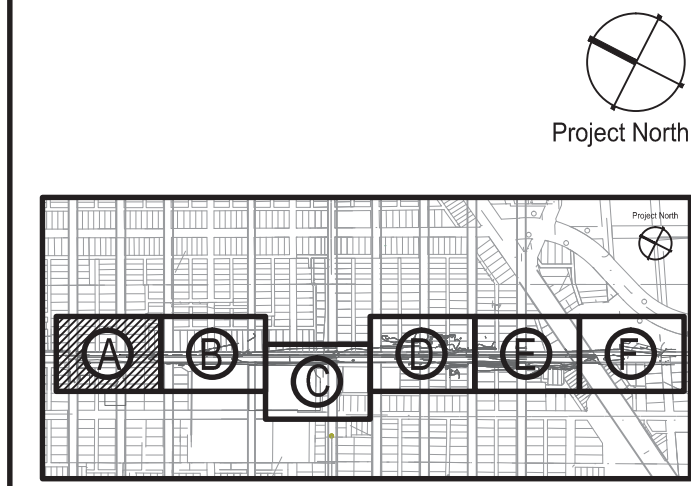
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734.662.4457
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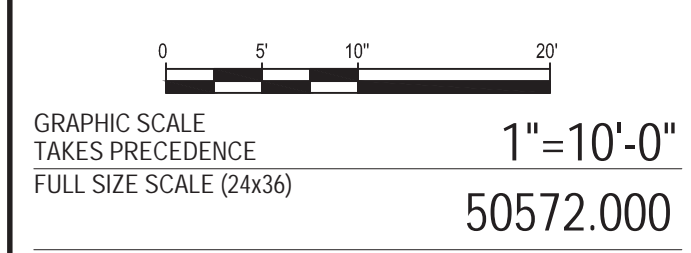
ISSUED FOR	REV	DATE
BIDDING DOCUMENTS	5	MAY 21, 2013
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100% CONSTRUCTION DOCUMENTS	3	APR 01, 2013
GRADE INSPECTION	2	JAN 30, 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07, 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05, 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
LANDSCAPE PLAN -
AREA A ENLARGEMENT



PROJECT NUMBER
D-L1.7
DRAWING NUMBER
90 of 497



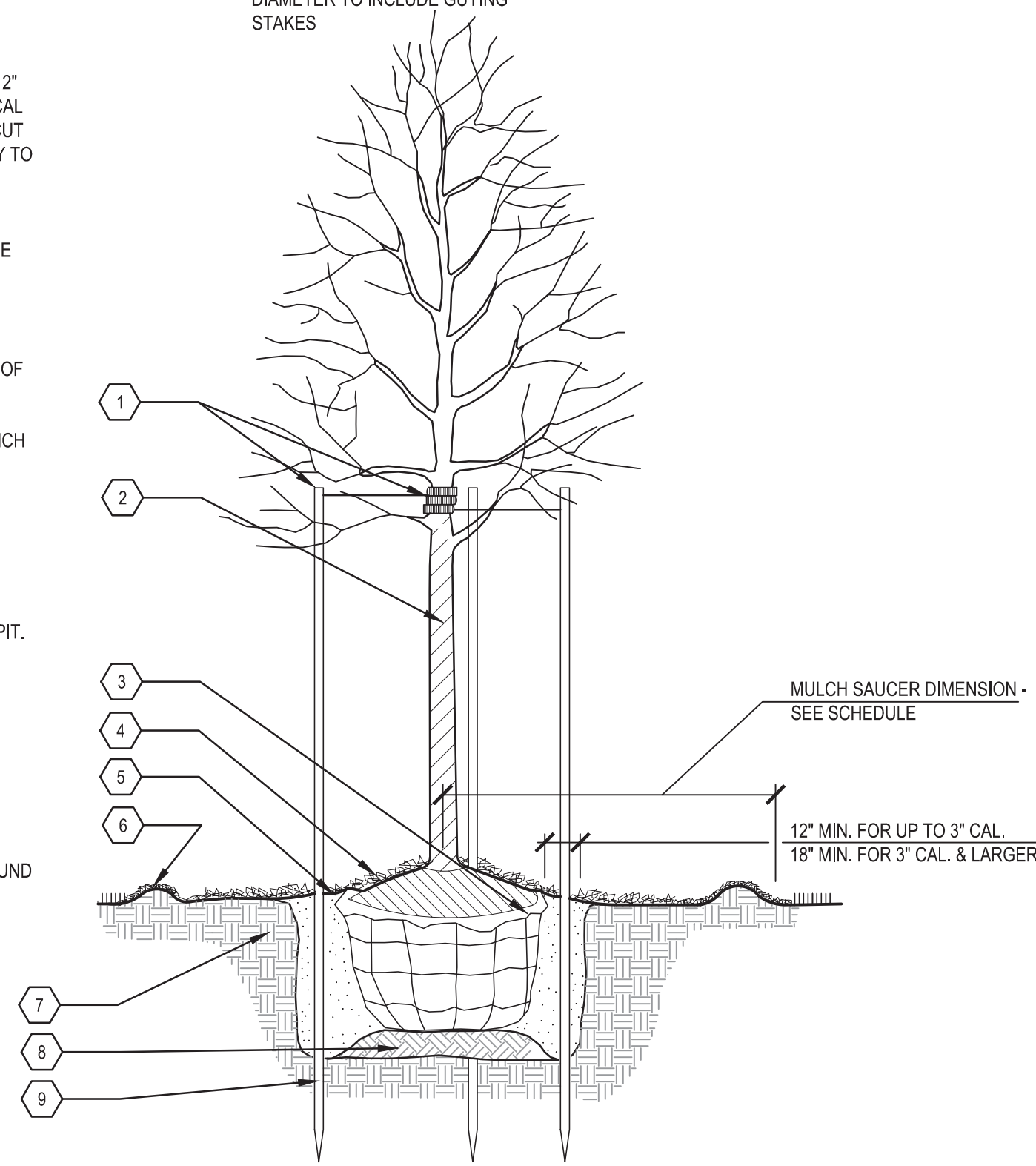
SCHEDULES

SIZE	STAKING / GUYING	MULCH SAUCER DIMENSION
• 2" CAL. & SMALLER	• DOUBLE STAKE	• 4" DIA.
• BETWEEN 2.5" & 3.5" CAL.	• TRIPLE STAKE	• 5" DIA.
• 4" CAL. - 6" CAL.	• TRIPLE GUY	• MIN. 8" DIA. - EXTEND OUTSIDE DIAMETER TO INCLUDE GUYING STAKES

NOTES:
TRIPLE STAKE TREES BETWEEN 2" AND 4" CAL. SET STAKES VERTICAL AND AT SAME HEIGHT. NEVER CUT CENTRAL LEADERS PRUNE ONLY TO REMOVE DEAD OR DAMAGED BRANCHES.

- 1 TOP OF STAKES AND GUYS TO BE SET ABOVE FIRST BRANCHES
- 2 TREE WRAP
- 3 REMOVE BURLAP FROM TOP 1/3 OF BALL
- 4 MULCH, HARDWOOD BARK, 2 INCH DEPTH DO NOT PLACE MULCH AGAINST COLLAR OF TREE
- 5 SET CROWN OF BALL AT FINISH GRADE
- 6 MOUND PLANTING BACKFILL TO FORM SAUCER AROUND PLANT PIT. SET SAUCER OUTSIDE OF GUY STAKES
- 7 UNDISTURBED GROUND
- 8 SCARIFY TO 4" DEPTH AND RE-COMPACT.
- 9 STAKES TO EXTEND 12" BELOW TREE PIT IN UNDISTURBED GROUND

NOTES:
NEVER CUT CENTRAL LEADERS. PRUNE ONLY TO REMOVE DEAD OR DAMAGED BRANCHES. SET TREE STAKES VERTICAL AND AT SAME HEIGHT.

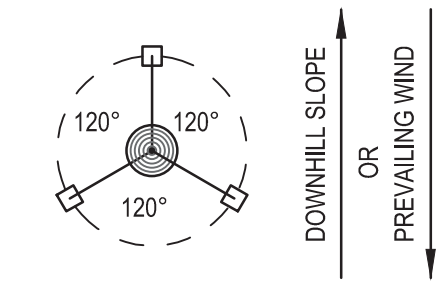
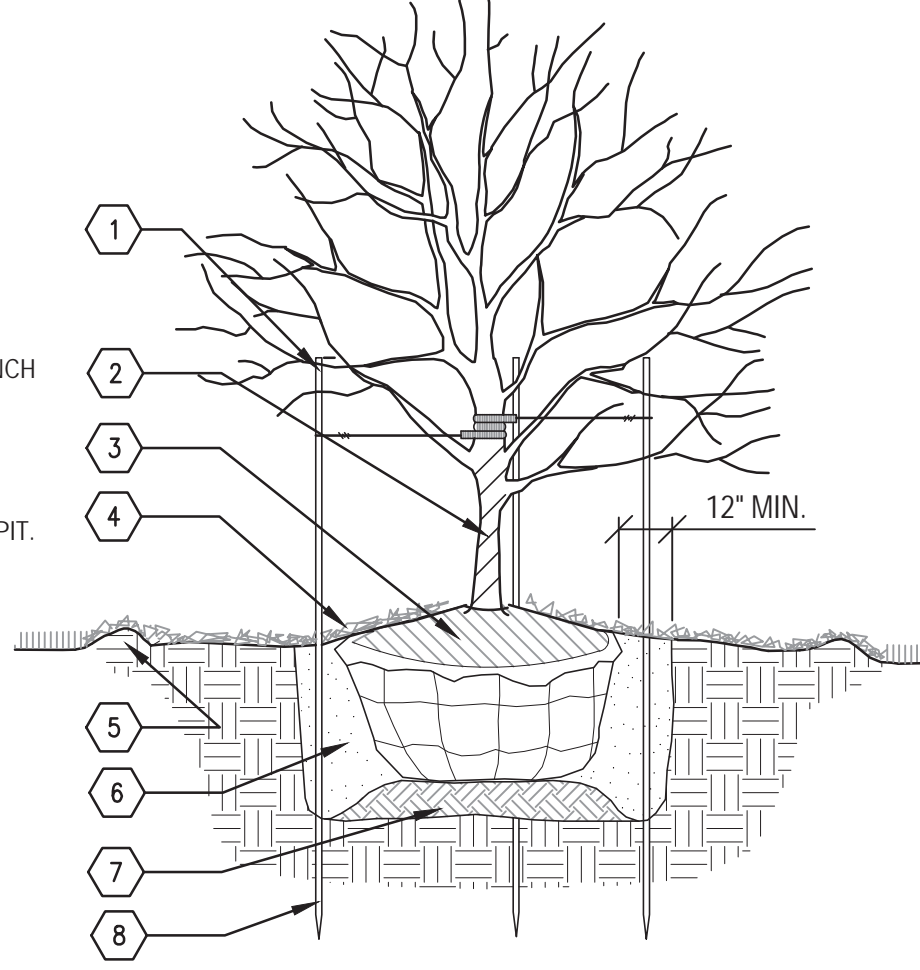


SCHEDULES

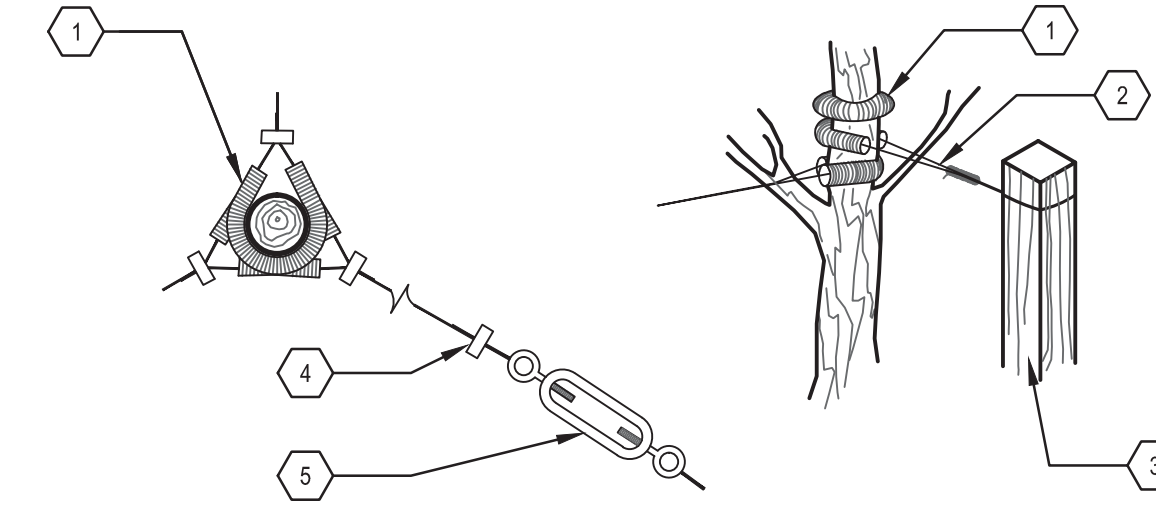
SIZE	STAKING	MULCH SAUCER DIMENSION
• UP TO 2" CAL.	• DOUBLE STAKE	• 4" DIA.
• 2" CAL. AND LARGER	• TRIPLE STAKE	• 5" DIA.

- 1 STAKE TREE ABOVE FIRST BRANCHES, MIN. 1/2 UP TREE
- 2 TREE WRAP
- 3 REMOVE BURLAP FROM TOP 1/3 OF BALL
- 4 MULCH, HARDWOOD BARK, 2 INCH DEPTH. DO NOT PLACE MULCH AGAINST COLLAR OF TREE
- 5 MOUND PLANTING BACKFILL TO FORM SAUCER AROUND PLANT PIT. SET SAUCER OUTSIDE OF GUY STAKES
- 6 PLANTING MIXTURE, AS SPECIFIED
- 7 SCARIFY TO 4" DEPTH AND RE-COMPACT
- 8 STAKES TO EXTEND 12" BELOW TREE PIT IN UNDISTURBED GROUND

NOTES:
NEVER CUT CENTRAL LEADERS. PRUNE ONLY TO REMOVE DEAD OR DAMAGED BRANCHES. SET TREE STAKES VERTICAL AND AT SAME HEIGHT.



STAKING/GUYING LOCATION PLAN



GUYING CABLE DETAIL PLAN

STAKING DETAIL

NOTES:
1. ORIENT STAKING/GUYING TO PREVAILING WINDS, EXCEPT ON SLOPES GREATER THAN 3:1 ORIENT TO SLOPE.
2. USE SAME STAKING/GUYING ORIENTATION FOR ALL PLANTS WITHIN EACH GROUPING OR AREA

- 1 RUBBER HOSE CHAFING GUARD 2-PLY, COLOR BLACK
- 2 DOUBLE STRAND #12 GALV. WIRE, NEATLY TWISTED
- 3 STAKES AS SPECIFIED 3 PER TREE
- 4 GUYING CABLES SECURED W/ CLAMPS, AS SPECIFIED
- 5 TURNBUCKLE AS SPECIFIED

1 DECIDUOUS TREE SECTION

1" = 1'-0"

2 ORNAMENTAL TREE SECTION

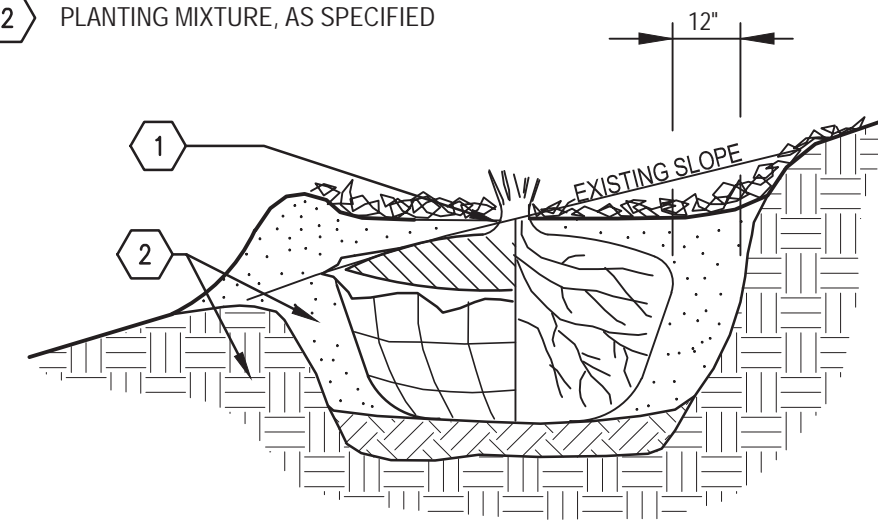
1" = 1'-0"

3 TREE STAKING PLAN AND ISOMETRIC

NTS

NOTE:
PLANT SHALL BEAR SAME RELATION TO FINISHED GRADE AS IT BORE TO PREVIOUS GRADE.

- 1 SET ROOT COLLAR AT SLOPE LINE
- 2 PLANTING MIXTURE, AS SPECIFIED



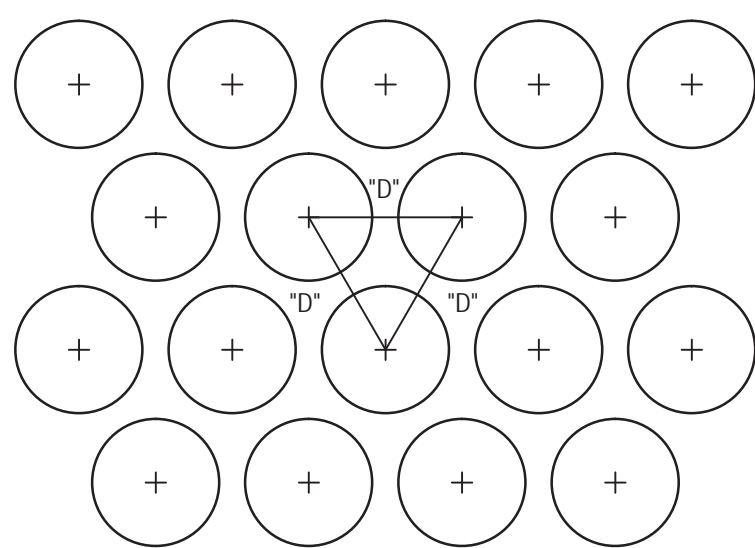
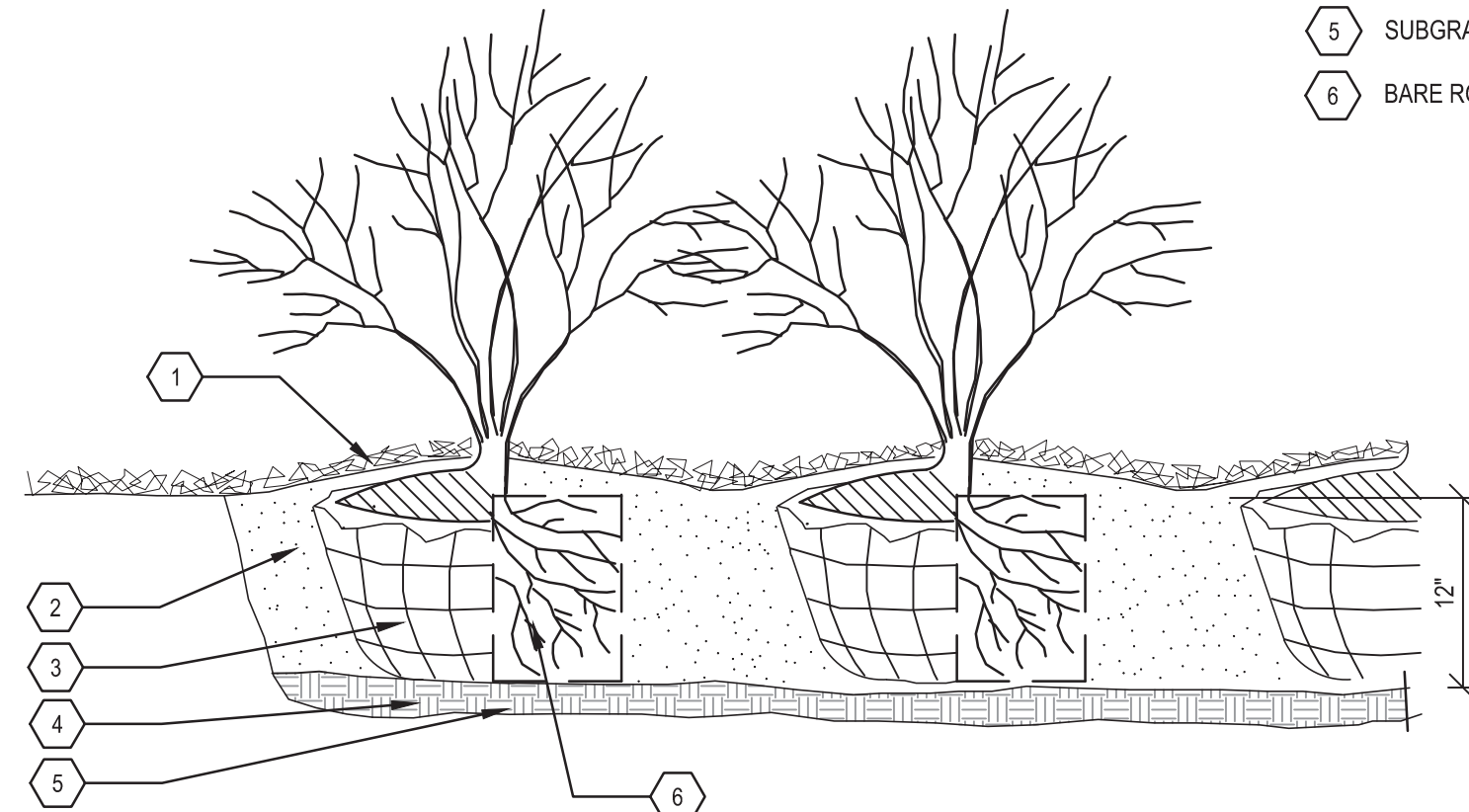
4 PLANTING ON SLOPES SECTION

1" = 1'-0"

5 SHRUB BED PLANTING DETAIL SECTION

1" = 1'-0"

- NOTES:
1. DO NOT PRUNE SHRUBS EXCEPT TO REMOVE DEAD OR BROKEN BRANCHES
2. REMOVE BURLAP FROM TOP 1/3 OF BALL, OR, WITH CONTAINER PLANTS, REMOVE POTS AND SPLIT BALLS
- 1 MULCH, HARDWOOD BARK, 2 INCH DEPTH. DO NOT PLACE MULCH AGAINST COLLAR OF SHRUB
 - 2 PLANTING MIXTURE, AS SPECIFIED
 - 3 BALLED & BURLAPPED SHRUB
 - 4 SCARIFY TO 4" DEPTH AND RE-COMPACT
 - 5 SUBGRADE
 - 6 BARE ROOT CONTAINER SHRUBS

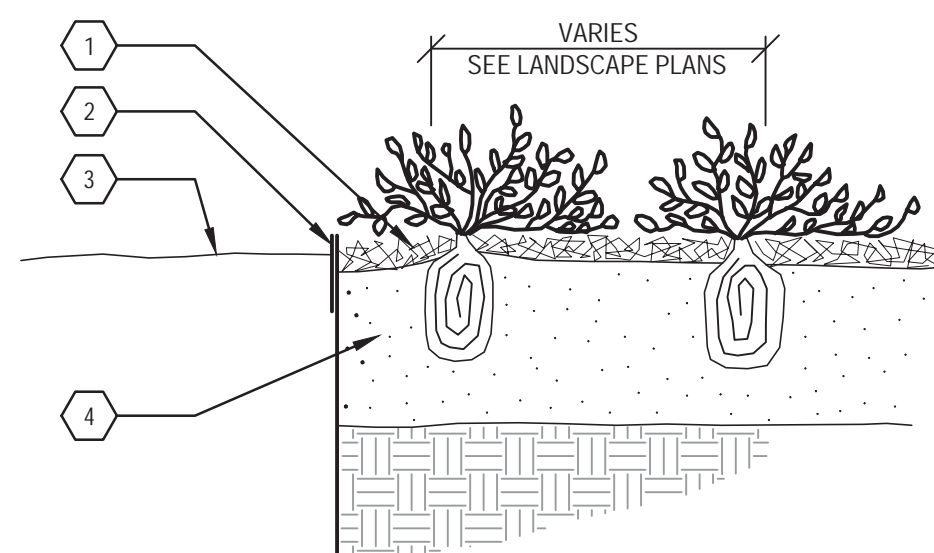


6 PERENNIAL-GROUND COVER PLANTING SECTION

NTS

7 PERENNIAL-GROUND COVER PLANTING SECTION

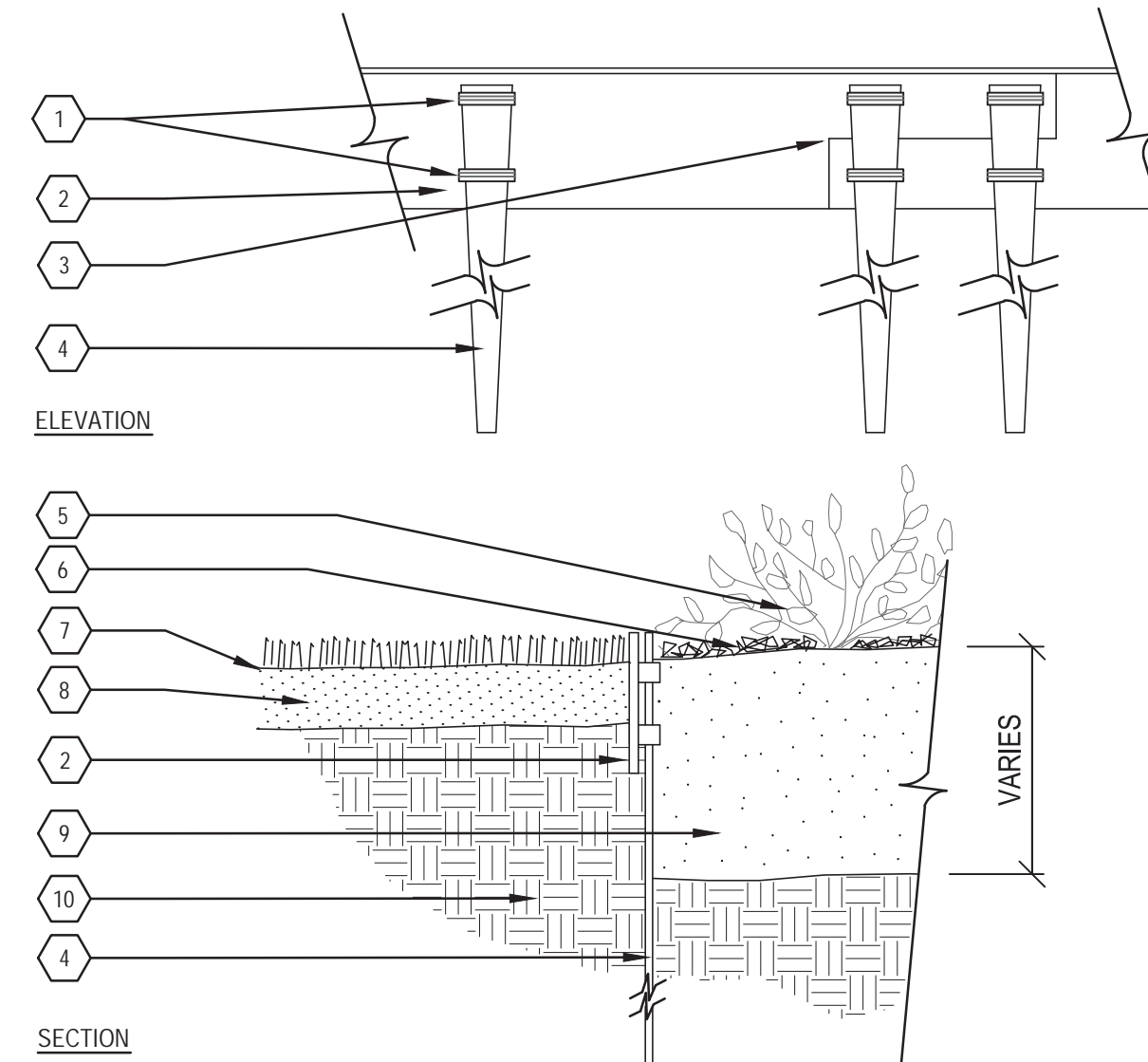
1" = 1'-0"



- 1 MULCH, HARDWOOD BARK, 2 INCH DEPTH
- 2 LANDSCAPE EDGING (8 D.L.2.0)
- 3 FINISHED GRADE
- 4 PLANTING MIXTURE, 12 INCH DEPTH

8 LANDSCAPE EDGING SECTION

1" = 1'-0"



- 1 PUNCHED SLOTS, 30" O.C.
- 2 3/8" x 4" BLACK STEEL EDGING
- 3 FLUSH OVERLAP JOINT ASSEMBLY
- 4 18" STAKES, BLACK @ 30" O.C.
- 5 GROUND COVER
- 6 MULCH, HARDWOOD BARK, 2 INCH DEPTH
- 7 FINISHED GRADE
- 8 TOPSOIL SURFACE, 4 INCH DEPTH, MODIFIED
- 9 PLANTING MIXTURE, 12 INCH DEPTH
- 10 SUBGRADE

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



Economic Development
Corporation of the City of Detroit

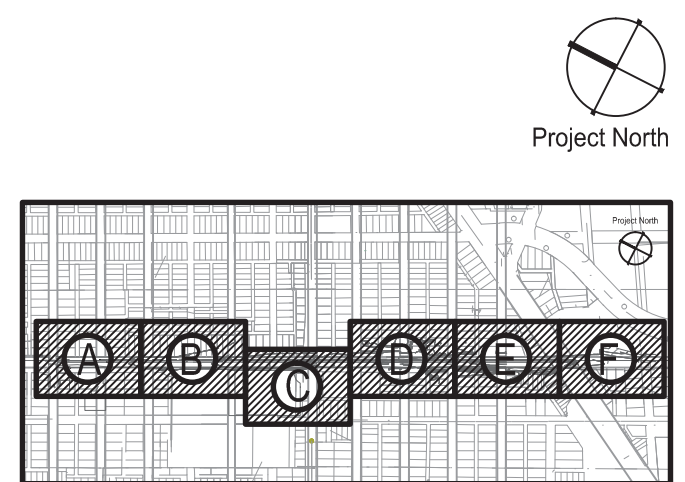
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SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
LANDSCAPE DETAILS

GRAPHIC SCALE AS NOTED
FULL SIZE SCALE (24x36) 50572.000

PROJECT NUMBER

DRAWING NUMBER D-L2.0

92 of 497



ABBREVIATIONS

A AMPERE	EA EACH	J J-BOX	R RECEPT REQ
AC ABOVE COUNTER	ELEC ELECTRIC	JUNCTION BOX	RECEPTACLE REQUIRED
AFV ABOVE FINISHED FLOOR	EDF ELECTRIC DRINKING FOUNTAIN	K KV	S SCHEDULE
AL ALUMINUM	ELEV ELEVATION	KVA KILOVOLT AMPERE	SD SMOKE DETECTOR
ALM ALARM	EMER EMERGENCY	KW KILOWATT	SECT SECTION
AMM AMMETER	EQU EQUIPMENT	KWH KILOWATT HOUR	SPEC SPECIFICATION
ARF ABOVE RAISED FLOOR	ERX EXISTING TO RELOCATE	SPKR SPEAKER	SPKLR SPRINKLER
ATS AUTOMATIC TRANSFER SWITCH	ERC ELECTRIC REHEAT COIL	SV SOLENOID VALVE SWITCH	SW SWITCH
AUTO AUTOMATIC	EW EACH WAY	SWBD SWITCHBOARD	SYM SYMMETRICAL SYSTEM(S)
AWG AMERICAN WIRE GAUGE	EWIC ELECTRIC WATER COOLER	SY S	
	EX EXISTING		
	EXT EXTERIOR		
B BREAK GLASS	FA FIRE ALARM	M MAXIMUM	T TROUBLE BELL
BL BASIC IMPULSE LEVEL	FAP FIRE ALARM PANEL	MOTOR CONTROLLER	MB MANHOLE
BLDG BUILDING	FDU FIRE DRILL UNIT	MCC MOTOR CONTROL CENTER	MECH MECHANICAL
	FDR FEEDER	MC MINIMUM	MTD MOUNTED
C CONDUIT	FDS FUSED DISCONNECT SWITCH	MTG MOUNTING	MTS TAMPERS SWITCH
CAB CABINET	FIXT FIXTURE	N NEUTRAL	NC NORMALLY CLOSED
CAT CATEGORY	FLEX FLEXIBLE	NIC NOT IN CONTRACT	NO NORMALLY OPEN
CB CIRCUIT BREAKER	FT FEET OR FOOT	NTS NOT TO SCALE	OD ON CENTER
CCTV CLOSED CIRCUIT TELEVISION			ODD OUTSIDE DIAMETER
CKT CIRCUIT BREAKER			O OFF
CL CENTERLINE			OC ON CENTER
CLG CEILING			ODD OUTSIDE DIAMETER
CM CEILING MOUNTED			ODD OUTSIDE DIAMETER
CNTL CONTROL			ODD OUTSIDE DIAMETER
COMM COMMUNICATION			ODD OUTSIDE DIAMETER
CONT CONTINUATION			ODD OUTSIDE DIAMETER
CT CURRENT TRANSFORMER			ODD OUTSIDE DIAMETER
CU COPPER			ODD OUTSIDE DIAMETER
CUH CABINET UNIT HEATER			ODD OUTSIDE DIAMETER
D DB			ODD OUTSIDE DIAMETER
DE DEGREE			ODD OUTSIDE DIAMETER
DEG DEGREE			ODD OUTSIDE DIAMETER
DEG C DEGREE CELSIUS			ODD OUTSIDE DIAMETER
DEG F DEGREE FAHRENHEIT			ODD OUTSIDE DIAMETER
DIA DIAMETER			ODD OUTSIDE DIAMETER
DISC DISCONNECT			ODD OUTSIDE DIAMETER
DIV DIVISION			ODD OUTSIDE DIAMETER
DP DISTRIBUTION PANELBOARD			ODD OUTSIDE DIAMETER
DT DUST TIGHT			ODD OUTSIDE DIAMETER
DWG DRAWING			ODD OUTSIDE DIAMETER

GENERAL NOTES

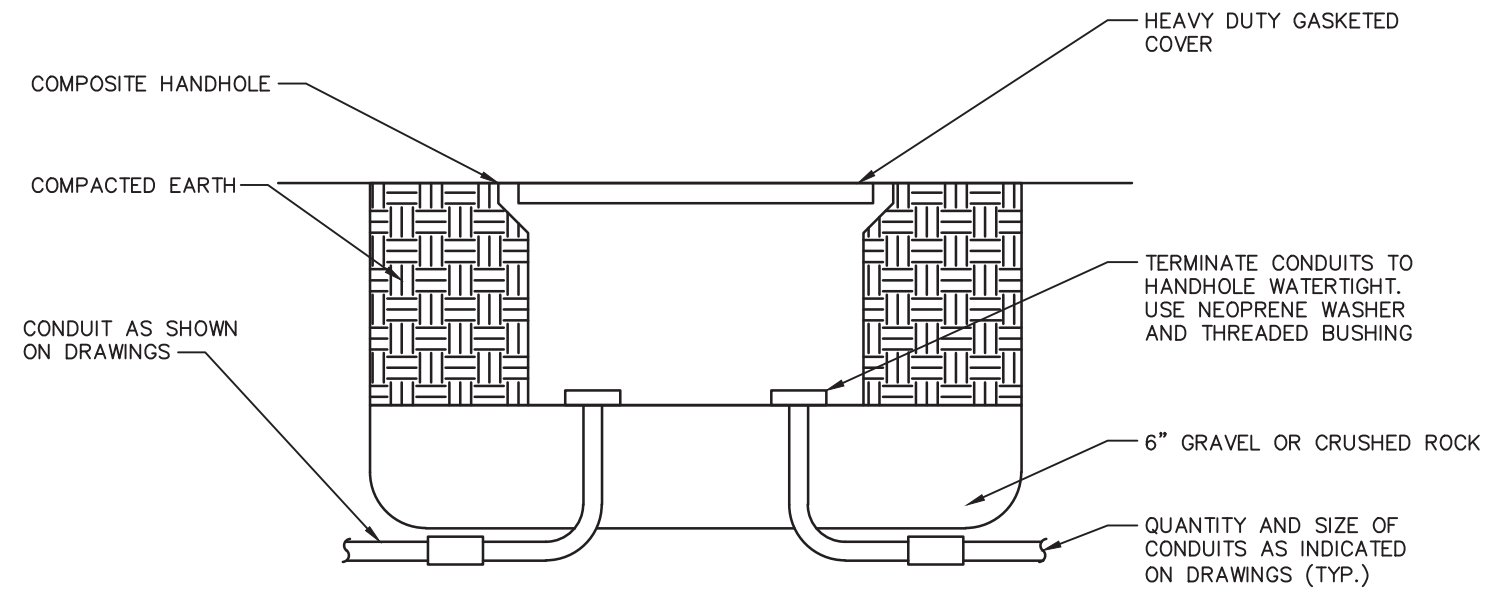
- THE DRAWINGS REPRESENT ELECTRICAL DESIGN INTENT. THEY ARE SCHEMATIC AND DIAGRAMMATIC AND DO NOT INDICATE CONSTRUCTION DETAILS OR ROUTING UNLESS OTHERWISE NOTED. THE SPECIFICATIONS ESTABLISH MINIMUM PERFORMANCE AND PRODUCT INSTALLATION REQUIREMENTS. PROVIDE PRODUCTS CONSISTENT WITH THE DESIGN INTENT AND NECESSARY FOR COMPLETE OPERATING ELECTRICAL SYSTEMS.
- PROVIDE FEEDERS AND BRANCH CIRCUITS WHICH HAVE AN AMPACITY EQUAL TO OR GREATER THAN THE CIRCUIT OVERCURRENT PROTECTIVE DEVICE RATING.
- PRIOR TO FINAL CONNECTION OF EQUIPMENT, VERIFY EQUIPMENT NAMEPLATE VOLTAGE, FLA, HP, KW RATING OR ANY OTHER LOAD INFORMATION, REPORT ANY DISCREPANCIES TO ARCHITECT.
- THE FIXTURE SCHEDULE INDICATES GENERAL DESCRIPTION OF LIGHTING FIXTURES AND MANUFACTURERS CATALOG NUMBERS.
- COORDINATE MOUNTING HEIGHTS OF WALL MOUNTED FIXTURES WITH ARCHITECTURAL UNDERPASS PLANS.

LIGHTING FIXTURE SCHEDULE

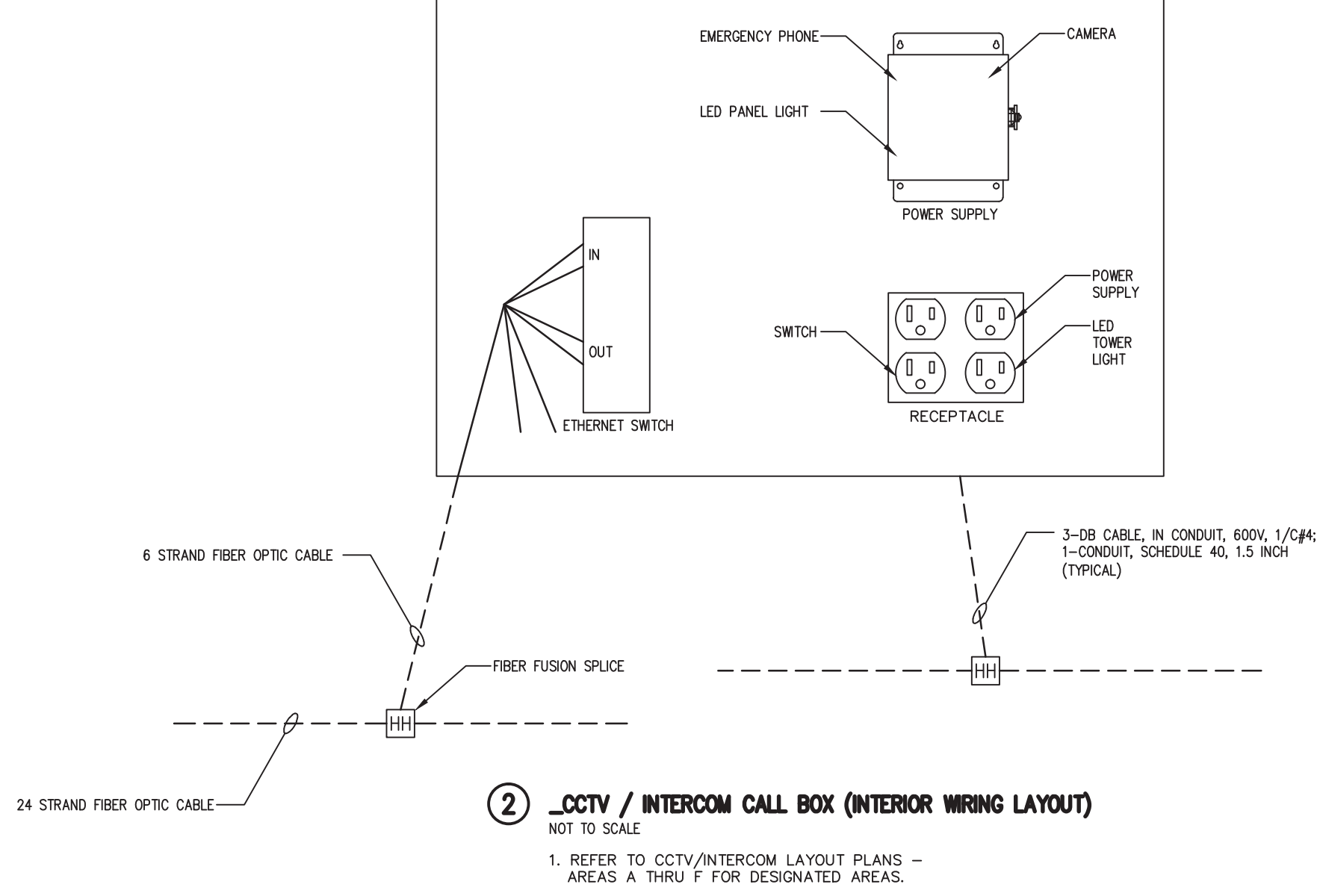
TYPE	DESCRIPTION	MANUFACTURER / CATALOG NUMBER	VOLTS	MOUNTING	LAMPS QUANTITY/TYPE	REMARKS
D1	BETA LED POLE MOUNTED AREA LUMINAIRE	CREE	240	POLE	10 LED - 111W	15 FOOT MOUNTING HEIGHT
DIR	BETA LED POLE MOUNTED AREA LUMINAIRE	CREE	240	POLE	10 LED - 111W	SAME FIXTURE AS D1; 2 LUMINAIRES PER POLE WITH GFCI RECEPTACLE IN WEATHERPROOF ENCLOSURE
D2	BETA LED WALL MOUNTED SECURITY LUMINAIRE	CREE	240	WALL	6 LED - 68W	UNDERPASS LIGHTING
D3	BETA LED TENON MOUNTED FLOOD LUMINAIRE	CREE	240	TENON	10 LED - 111W	MOUNTED ON BACK OF SELECT POLES FOR ADDITIONAL AREA LIGHTING NEAR BUILDINGS
D4	DUPLO INDIRECT/DIRECT	ENERGIE	240	SURFACE	70W LED	UPLIGHTING FOR CANOPIES LOCATED ON WILKINS PLAZA

SYMBOLS

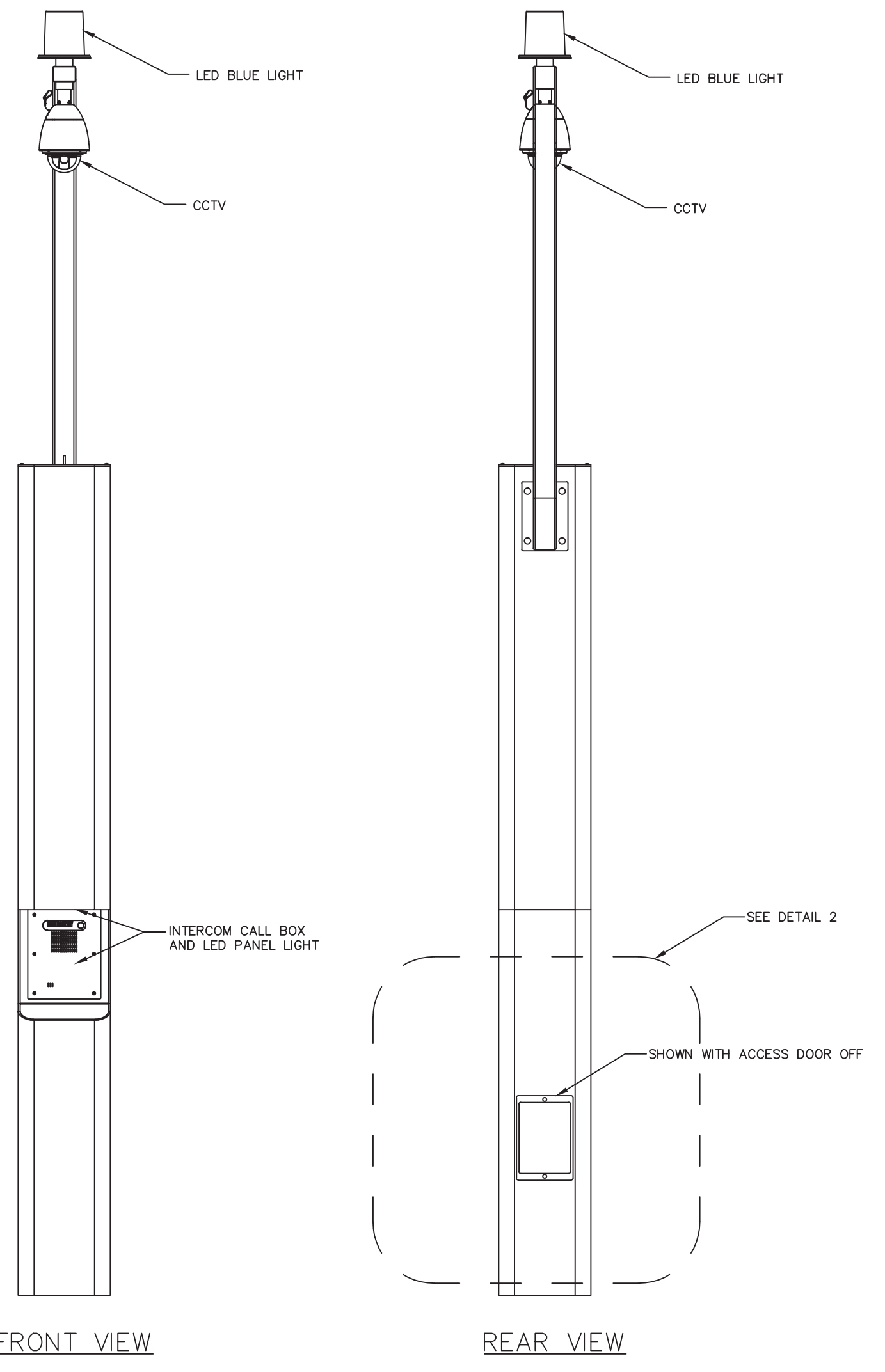
	GFCI RECEPTACLE WITH WEATHERPROOF ENCLOSURE		JUNCTION BOX - WALL MOUNTED
	DISCONNECT SWITCH (AMPERAGE/POLES). FUSED PER MANUFACTURER'S RECOMMENDATION OR AS NOTED. "NF" INDICATES NON-FUSED.		POLE MOUNTED PEDESTRIAN LIGHT, ONE OR TWO LAMPS PER POLE
	ENCLOSED CIRCUIT BREAKER		WALL MOUNTED LIGHT (TO BE USED IN UNDERPASS AREA)
	CONDUIT TURNING UP		POLE MOUNTED FLOOD LIGHT (TENON MOUNTED ON PEDESTRIAN POLE)
	CONDUIT TURNING DOWN		CCTV/INTERCOM EMERGENCY CALL BOX
	CAPPED CONDUIT STUBBED THROUGH CONCRETE		FIXTURE TYPE WITH FIXTURE NUMBER
	CONDUIT ROUTED UNDERGROUND		LIGHTING CONTROL BOX AND FOUNDATION
	HOME RUN, NUMERAL INDICATED CIRCUIT NUMBER		TRANSFORMER
	PANEL - RECESS MOUNTED, FLUSH		HANDHOLE
	PANEL - SURFACE MOUNTED		LIGHTING CONTROL PHOTOCELL
	GROUNDING BAR, SIZED AS INDICATED		LIGHTING CONTROL CONTACTOR
	GROUNDING ROD		DISCONNECT SWITCH
			FUSED DISCONNECT SWITCH
			CIRCUIT BREAKER, SIZE AS NOTED.
			METER
			TRANSFORMER, SIZE AS NOTED.
			GROUND POINT.



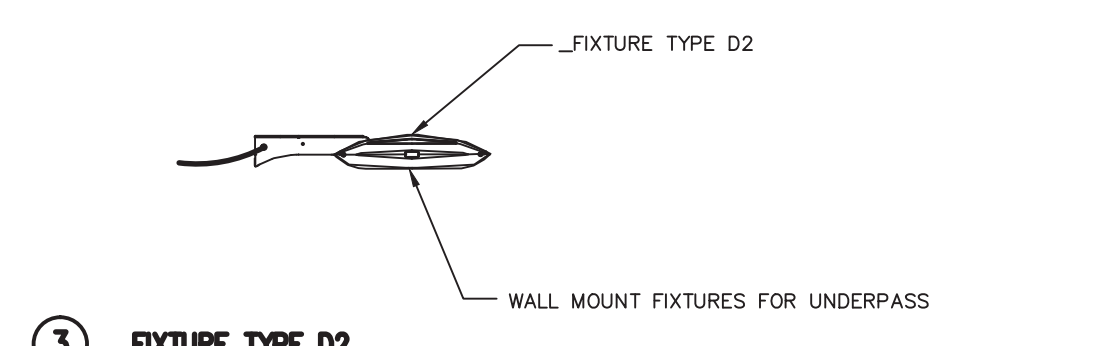
1. JH, TYPE 24/JH, TYPE 24, SECURITY
NOT TO SCALE
1. USE 24" X 24" SIZE UNLESS NOTED OTHERWISE ON DRAWINGS



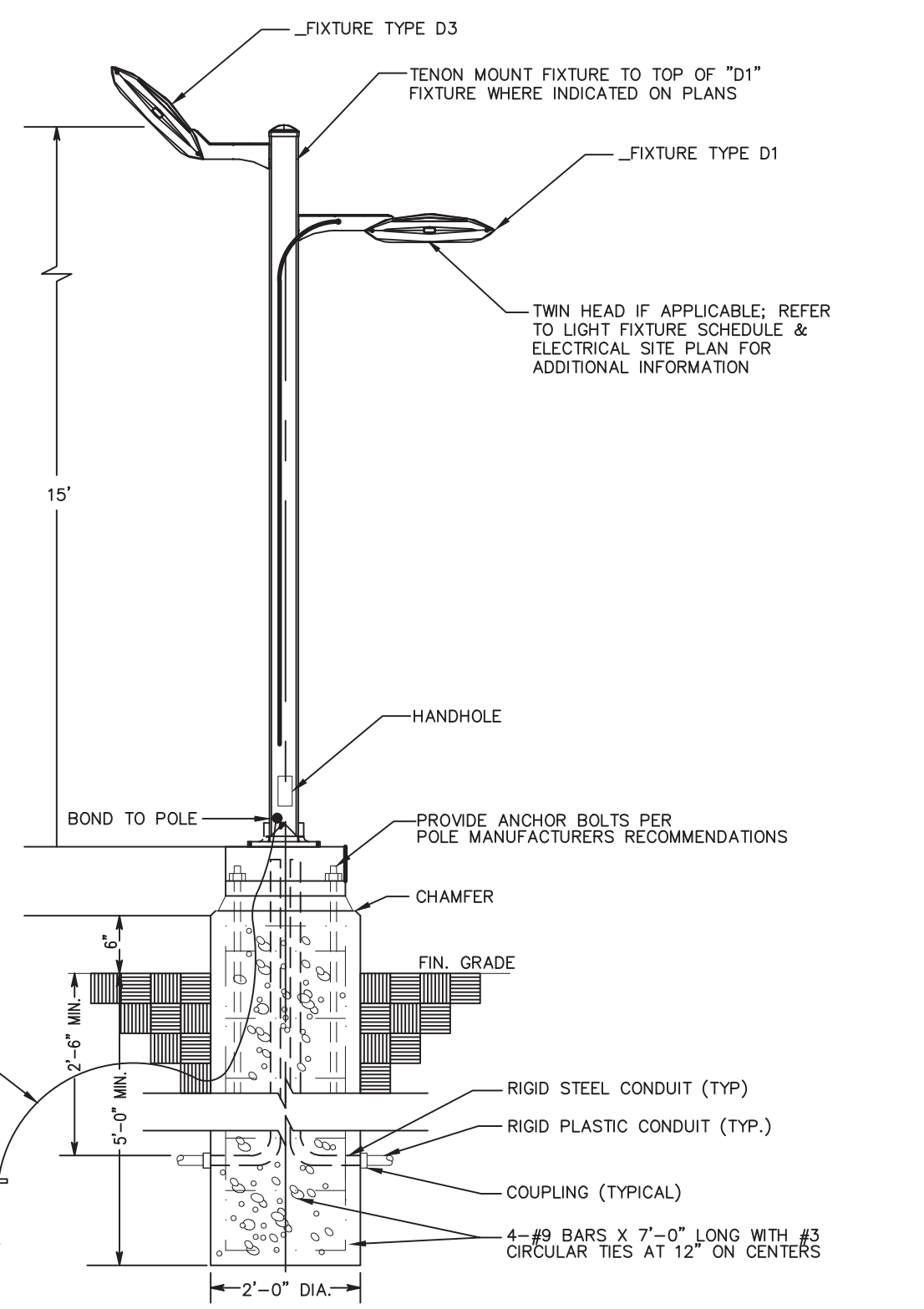
2. CCTV / INTERCOM CALL BOX (INTERIOR WIRING LAYOUT)
NOT TO SCALE
1. REFER TO CCTV/INTERCOM LAYOUT PLANS - AREAS A THRU F FOR DESIGNATED AREAS.



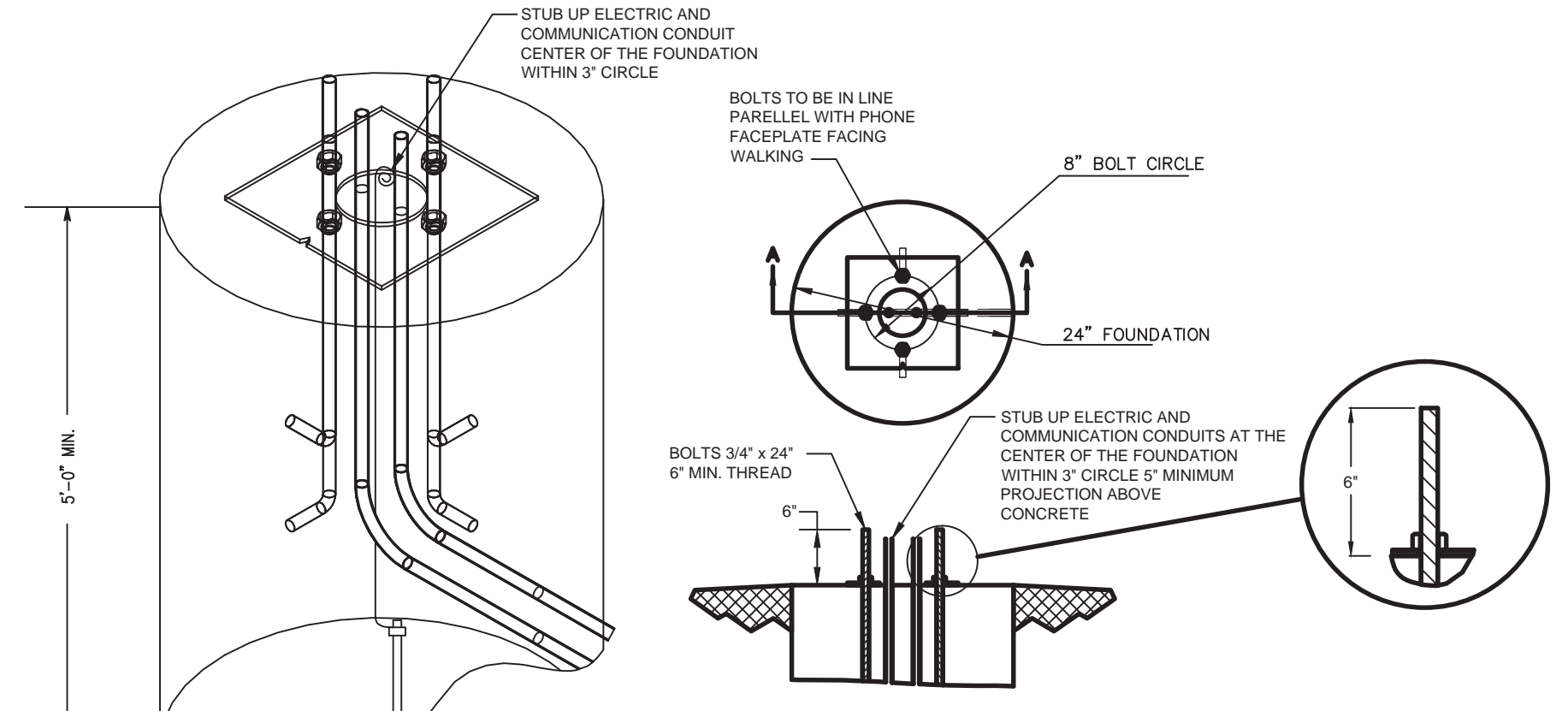
5. CCTV / INTERCOM CALL BOX
NOT TO SCALE
1. REFER TO CCTV/INTERCOM LAYOUT PLANS - AREAS A THRU F FOR DESIGNATED AREAS.



3. FIXTURE TYPE D2
NOT TO SCALE
1. REFER TO ELECTRICAL LAYOUT PLANS - AREAS A THRU F FOR DESIGNATED AREAS.
2. PROVIDE #4 GREEN COPPER CONDUCTOR TO FIXTURE.



6. FIXTURE TYPE D1, FIXTURE TYPE DIR
NOT TO SCALE
1. REFER TO ELECTRICAL LAYOUT PLANS - AREAS A THRU F FOR DESIGNATED AREAS.
2. PROVIDE #4 GREEN COPPER CONDUCTOR TO FIXTURE.



4. CCTV / INTERCOM CALL BOX FOUNDATION PLAN AND ELEVATION
NOT TO SCALE
1. REFER TO CCTV/INTERCOM LAYOUT PLANS - AREAS A THRU F FOR DESIGNATED AREAS.

Dequindre Cut Phase II
Dequindre Cut
Detroit, Michigan

MDOT
Michigan Department of Transportation

Owners:
City of Detroit

Economic Development Corporation of the City of Detroit

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SEALS AND SIGNATURES

KEY PLAN

Project North

DRAWING TITLE
ELECTRICAL GENERAL NOTES AND LEGEND

GRAPHIC SCALE TAKES PRECEDENCE FULL SIZE SCALE (24x36)

PROJECT NUMBER
50572.000

DRAWING NUMBER
D-E1.0

of 497

FILE: \\oo-file\Projects\50572.000\CAD\E\3HT-SHT-LOHT-SHT.dwg USER: jgreene DATE: May, 22, 2013 TIME: 11:38 am

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

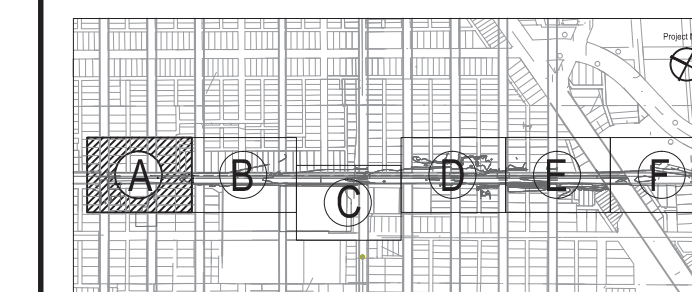
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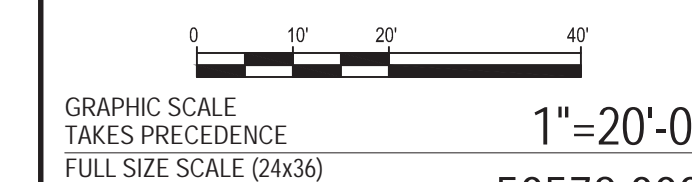
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

**ELECTRICAL PLAN -
AREA A**



PROJECT NUMBER

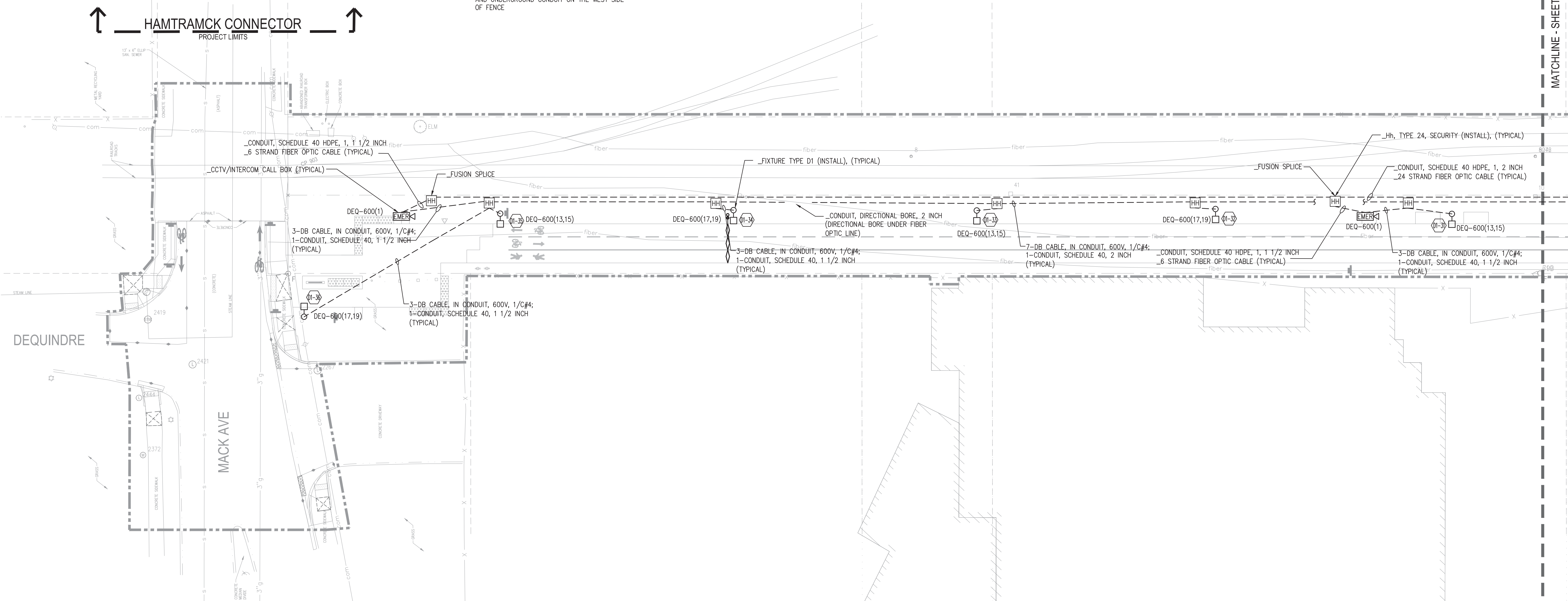
D-E1.1

DRAWING NUMBER

of 497

NOTES:

1. INSTALL ALL HANDHOLES, FIBER OPTIC CABLE, AND UNDERGROUND CONDUIT ON THE WEST SIDE OF FENCE



D-E1.1 - ELECTRICAL

QTY	UNIT	ITEM DESCRIPTION
0	Ea	_Lighting Control Box and Foundation
0	Ea	_Transformer
0	Ea	_Transformer Pad
5	Ea	_Hh, Type 24
0	Ea	_Wood Utility Pole, Rem, PLD
6	Ea	_Fixture Type D1
0	Ea	_Fixture Type D1R
0	Ea	_Fixture Type D2
0	Ea	_Fixture Type D3
0	Ea	_Fixture Type D4
0	Ea	_Steel Pipe Bollard
0	Ft	_DB Cable, in Conduit, 600V, 3-1/C#1 & 1-1/C#6
0	Ea	_Elec. Serv. Tap
200	Ft	Conduit, Schedule 40, 1 1/2 inch
580	Ft	Conduit, Schedule 40, 2 inch
0	Ft	Conduit, Schedule 40, 4 inch
0	Ft	Conduit, Galv Steel, 1 1/2 inch
4,100	Ft	DB Cable, in Conduit, 600V, 1/C#4
520	Ft	_24 Strand Fiber Optic Cable
120	Ft	_6 Strand Fiber Optic Cable
120	Ft	_Conduit, Schedule 40 HDPE, 1, 1 inch
520	Ft	_Conduit, Schedule 40 HDPE, 1, 2 inch
2	Ea	_Fusion Splice
2	Ea	Hh, Type 24, Security
2	Ea	_CCTV/ Intercom Call Box
0	Ea	_CCTV/ Intercom Call Box, Relocate



Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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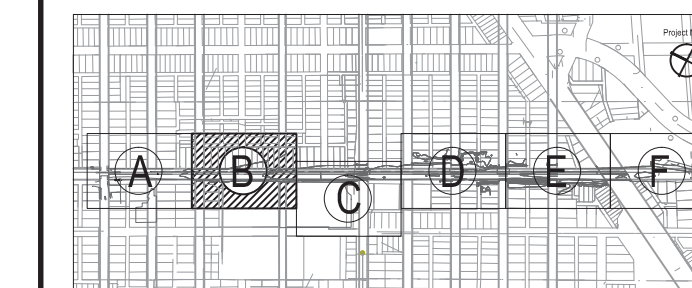
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SEALS AND SIGNATURES

KEY PLAN



Project North



DRAWING TITLE

**ELECTRICAL PLAN -
AREA B**

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

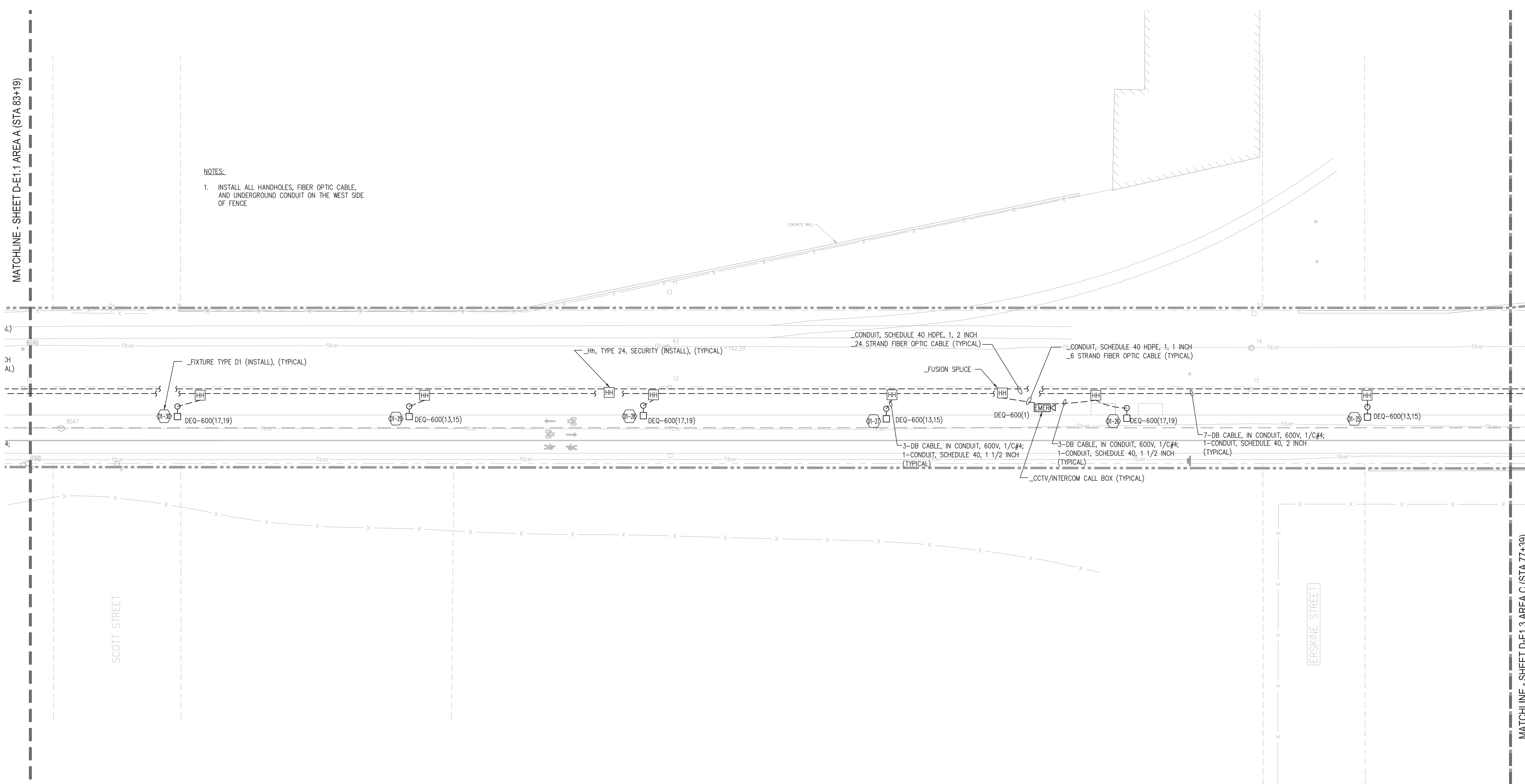
PROJECT NUMBER

D-E1.2

DRAWING NUMBER

of 497

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NOTES:
1. INSTALL ALL HANDHOLES, FIBER OPTIC CABLE,
AND UNDERGROUND CONDUIT ON THE WEST SIDE
OF FENCE

D-E1.2 - ELECTRICAL

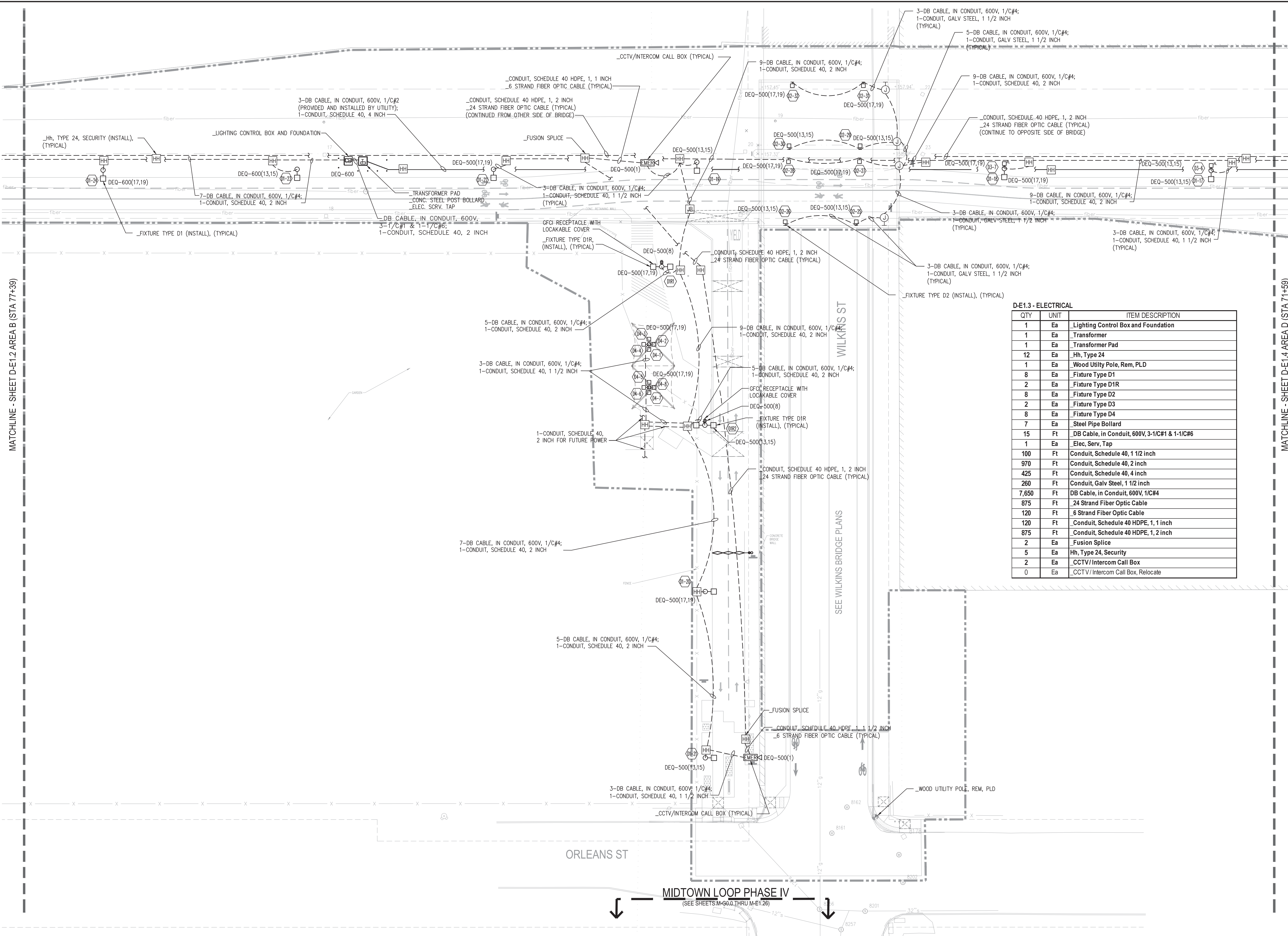
QTY	UNIT	ITEM DESCRIPTION
0	Ea	_Lighting Control Box and Foundation
0	Ea	_Transformer
0	Ea	_Transformer Pad
6	Ea	_Hh, Type 24
0	Ea	_Wood Utility Pole, Rem, PLD
6	Ea	_Fixture Type D1
0	Ea	_Fixture Type D1R
0	Ea	_Fixture Type D2
0	Ea	_Fixture Type D3
0	Ea	_Fixture Type D4
0	Ea	_Steel Pipe Bollard
0	Ft	_DB Cable, in Conduit, 600V, 3-1/C#1 & 1-1/C#6
0	Ea	_Elec, Serv, Tap
60	Ft	Conduit, Schedule 40, 1 1/2 inch
700	Ft	Conduit, Schedule 40, 2 inch
0	Ft	Conduit, Schedule 40, 4 inch
0	Ft	Conduit, Galv Steel, 1 1/2 inch
5,000	Ft	DB Cable, in Conduit, 600V, 1/C#4
700	Ft	_24 Strand Fiber Optic Cable
60	Ft	_6 Strand Fiber Optic Cable
60	Ft	_Conduit, Schedule 40 HDPE, 1, 1 inch
700	Ft	_Conduit, Schedule 40 HDPE, 1, 2 inch
1	Ea	_Fusion Splice
2	Ea	Hh, Type 24, Security
1	Ea	_CCTV/Intercom Call Box
0	Ea	_CCTV/Intercom Call Box, Relocate



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MATCHLINE - SHEET D-E1.2 AREA B (STA 77+39)

MATCHLINE - SHEET D-E1.4 AREA D (STA 71+59)



D-E1.3 - ELECTRICAL

QTY	UNIT	ITEM DESCRIPTION
1	Ea	Lighting Control Box and Foundation
1	Ea	Transformer
1	Ea	Transformer Pad
12	Ea	Hh, Type 24
1	Ea	Wood Utility Pole, Rem, PLD
8	Ea	Fixture Type D1
2	Ea	Fixture Type D1R
8	Ea	Fixture Type D2
2	Ea	Fixture Type D3
8	Ea	Fixture Type D4
7	Ea	Steel Pipe Bollard
15	Ft	DB Cable, in Conduit, 600V, 3-1/C#1 & 1-1/C#6
1	Ea	Elec. Serv. Tap
100	Ft	Conduit, Schedule 40, 1 1/2 inch
970	Ft	Conduit, Schedule 40, 2 inch
425	Ft	Conduit, Schedule 40, 4 inch
260	Ft	Conduit, Galv Steel, 1 1/2 inch
7,650	Ft	DB Cable, in Conduit, 600V, 1/C#4
875	Ft	24 Strand Fiber Optic Cable
120	Ft	6 Strand Fiber Optic Cable
120	Ft	Conduit, Schedule 40 HDPE, 1, 1 inch
875	Ft	Conduit, Schedule 40 HDPE, 1, 2 inch
2	Ea	Fusion Splice
5	Ea	Hh, Type 24, Security
2	Ea	CCTV/Intercom Call Box
0	Ea	CCTV/Intercom Call Box, Relocate

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit

ED
Economic Development Corporation of the City of Detroit
Corporation of the City of Detroit

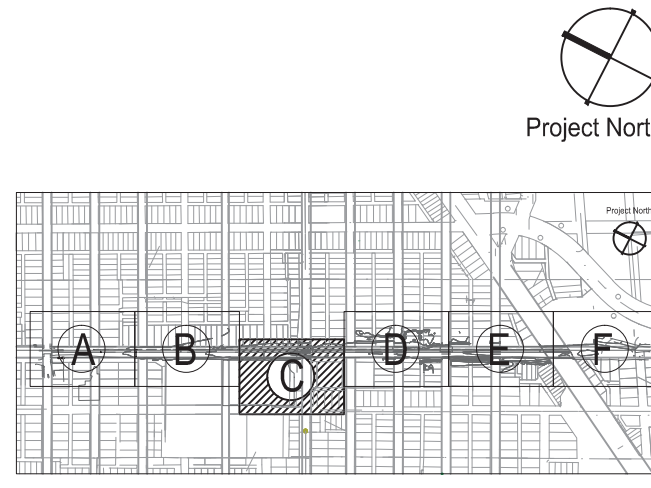
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SECOND FLOOR
ANN ARBOR, MI 48104
734.662.4457
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BIDDING DOCUMENTS	4	MAY 02 2013
100% CONSTRUCTION DOCUMENTS	3	APR 01 2013
GRADE INSPECTION	2	JAN 30 2013
80% CONSTRUCTION DOCUMENTS	1	JAN 07 2013
50% CONSTRUCTION DOCUMENTS	0	NOV 05 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

ELECTRICAL PLAN - AREA C

GRAPHIC SCALE TAKES PRECEDENCE 1"=20'-0"
FULL SIZE SCALE (24x36) 50572.000

PROJECT NUMBER
D-E1.3
DRAWING NUMBER of 497



3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG 1-800-482-7171

Dequindre Cut Phase II

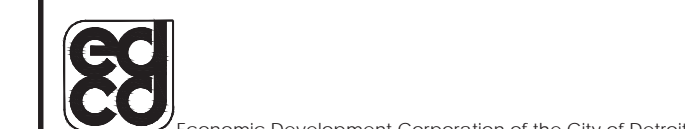
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

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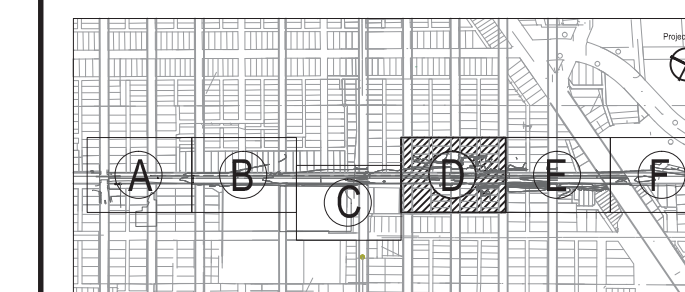
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SEALS AND SIGNATURES

KEY PLAN

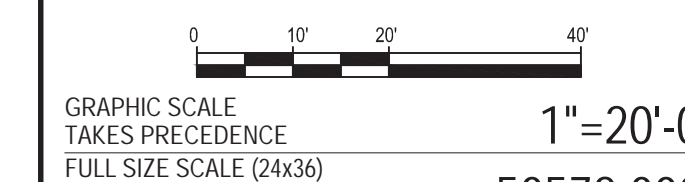


Project North



DRAWING TITLE

ELECTRICAL PLAN - AREA D



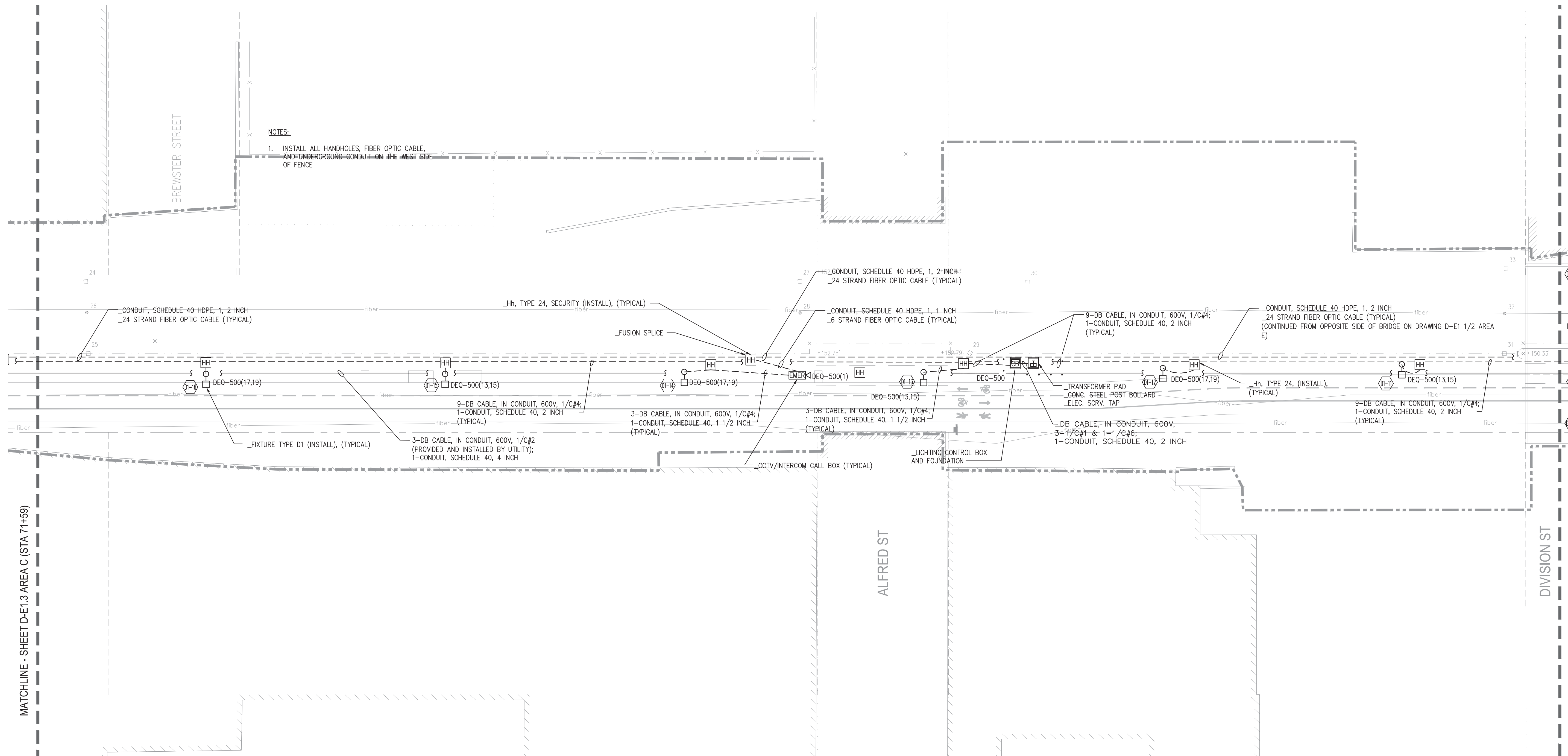
PROJECT NUMBER

50572.000

DRAWING NUMBER

D-E1.4

of 497



D-E1.4 - ELECTRICAL

QTY	UNIT	ITEM DESCRIPTION
0	Ea	Lighting Control Box and Foundation
0	Ea	Transformer
0	Ea	Transformer Pad
6	Ea	Hh, Type 24
0	Ea	Wood Utility Pole, Rem, PLD
6	Ea	Fixture Type D1
0	Ea	Fixture Type D1R
0	Ea	Fixture Type D2
0	Ea	Fixture Type D3
0	Ea	Fixture Type D4
0	Ea	Steel Pipe Bollard
0	Ft	DB Cable, in Conduit 600V, 3-1/C#1 & 1-1/C#6
0	Ea	Elec. Serv. Tap
60	Ft	Conduit, Schedule 40, 1 1/2 inch
700	Ft	Conduit, Schedule 40, 2 inch
500	Ft	Conduit, Schedule 40, 4 inch
0	Ft	Conduit, Galv Steel, 1 1/2 inch
6,300	Ft	DB Cable, in Conduit, 600V, 1/C#4
700	Ft	24 Strand Fiber Optic Cable
60	Ft	6 Strand Fiber Optic Cable
60	Ft	Conduit, Schedule 40 HDPE, 1, 1 inch
700	Ft	Conduit, Schedule 40 HDPE, 1, 2 inch
1	Ea	Fusion Splice
1	Ea	Hh, Type 24, Security
1	Ea	CCTV/ Intercom Call Box
0	Ea	CCTV/ Intercom Call Box, Relocate



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Dequindre Cut Phase II

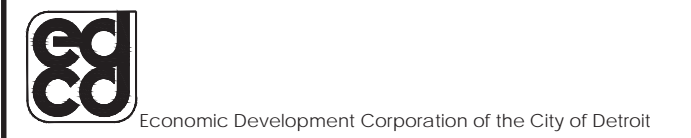
Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
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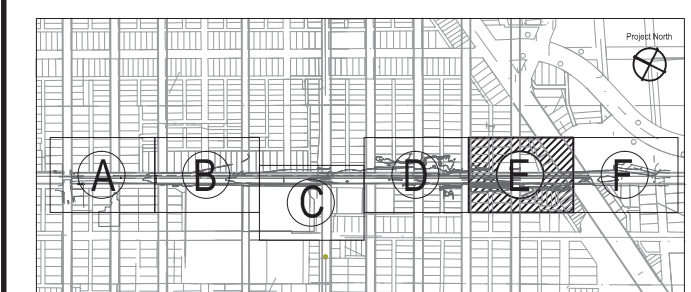
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GRADE INSPECTION	2	JAN 30 2013
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50% CONSTRUCTION DOCUMENTS	0	NOV 05 2012

SEALS AND SIGNATURES

KEY PLAN



Project North



D-E1.5 - ELECTRICAL

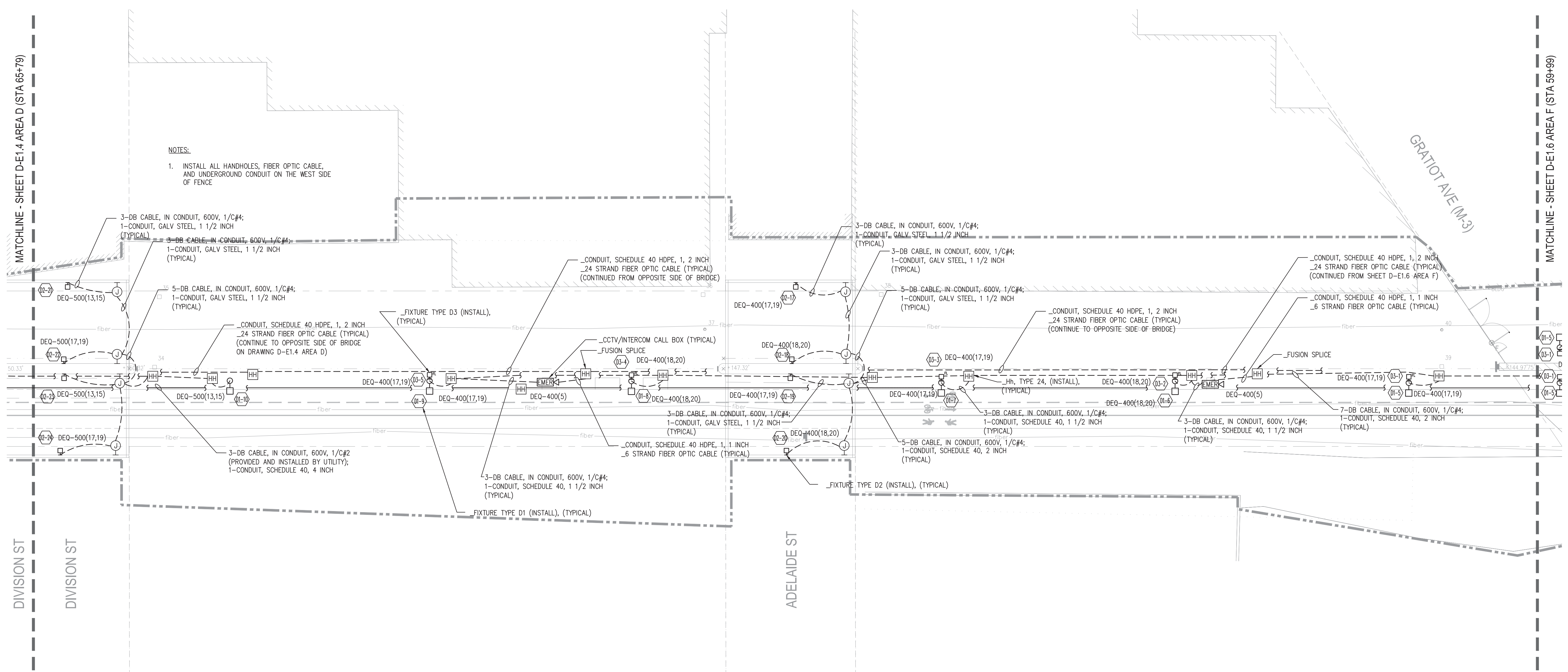
QTY	UNIT	ITEM DESCRIPTION
1	Ea	_Lighting Control Box and Foundation
1	Ea	_Transformer
1	Ea	_Transformer Pad
8	Ea	_Hh, Type 24
0	Ea	_Wood Utility Pole, Rem, PLD
6	Ea	_Fixture Type D1
0	Ea	_Fixture Type D1R
8	Ea	_Fixture Type D2
5	Ea	_Fixture Type D3
0	Ea	_Fixture Type D4
7	Ea	_Steel Pipe Bollard
10	Ft	_DB Cable, in Conduit, 600V, 3-1/C#1 & 1-1/C#6
1	Ea	_Elec. Serv. Tap
1,300	Ft	Conduit, Schedule 40, 1 1/2 inch
540	Ft	Conduit, Schedule 40, 2 inch
500	Ft	Conduit, Schedule 40, 4 inch
280	Ft	Conduit, Galv Steel, 1 1/2 inch
6,000	Ft	DB Cable, in Conduit, 600V, 1/C#4
700	Ft	_24 Strand Fiber Optic Cable
120	Ft	_6 Strand Fiber Optic Cable
120	Ft	Conduit, Schedule 40 HDPE, 1, 1 inch
700	Ft	Conduit, Schedule 40 HDPE, 1, 2 inch
2	Ea	_Fusion Splice
3	Ea	Hh, Type 24, Security
2	Ea	_CCTV/Intercom Call Box
0	Ea	_CCTV/Intercom Call Box, Relocate

DRAWING TITLE

ELECTRICAL PLAN - AREA E

GRAPHIC SCALE TAKES PRECEDENCE
FULL SIZE SCALE (24x36)
1" = 20'-0"
50572.000

PROJECT NUMBER
D-E1.5
DRAWING NUMBER
of 497



NOTES:
1. INSTALL ALL HANDHOLES, FIBER OPTIC CABLE, AND UNDERGROUND CONDUIT ON THE WEST SIDE OF FENCE

3-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, GALV STEEL, 1 1/2 INCH (TYPICAL)

5-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, GALV STEEL, 1 1/2 INCH (TYPICAL)

CONDUIT, SCHEDULE 40 HDPE, 1, 2 INCH
_24 STRAND FIBER OPTIC CABLE (TYPICAL)
(CONTINUE TO OPPOSITE SIDE OF BRIDGE ON DRAWING D-E1.4 AREA D)

3-DB CABLE, IN CONDUIT, 600V, 1/C#2
(PROVIDED AND INSTALLED BY UTILITY);
1-CONDUIT, SCHEDULE 40, 4 INCH

3-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, SCHEDULE 40, 1 1/2 INCH (TYPICAL)

3-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, GALV STEEL, 1 1/2 INCH (TYPICAL)

3-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, GALV STEEL, 1 1/2 INCH (TYPICAL)

5-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, GALV STEEL, 1 1/2 INCH (TYPICAL)

CONDUIT, SCHEDULE 40 HDPE, 1, 2 INCH
_24 STRAND FIBER OPTIC CABLE (TYPICAL)
(CONTINUE TO OPPOSITE SIDE OF BRIDGE)

3-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, GALV STEEL, 1 1/2 INCH (TYPICAL)

5-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, SCHEDULE 40, 2 INCH (TYPICAL)

3-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, SCHEDULE 40, 1 1/2 INCH (TYPICAL)

3-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, SCHEDULE 40, 2 INCH (TYPICAL)

7-DB CABLE, IN CONDUIT, 600V, 1/C#4;
1-CONDUIT, SCHEDULE 40, 2 INCH (TYPICAL)

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

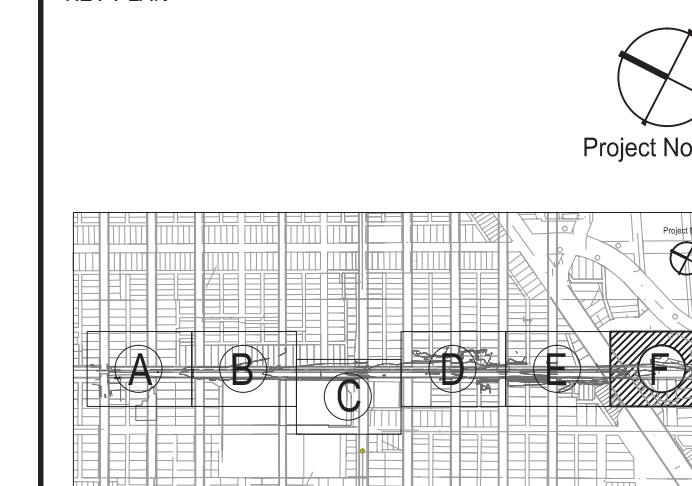
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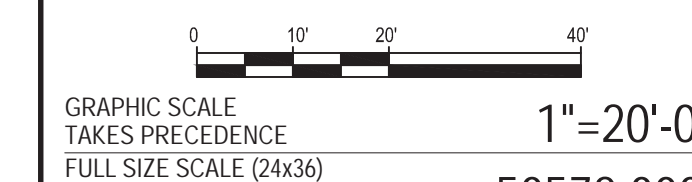
SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE

ELECTRICAL PLAN - AREA F



PROJECT NUMBER

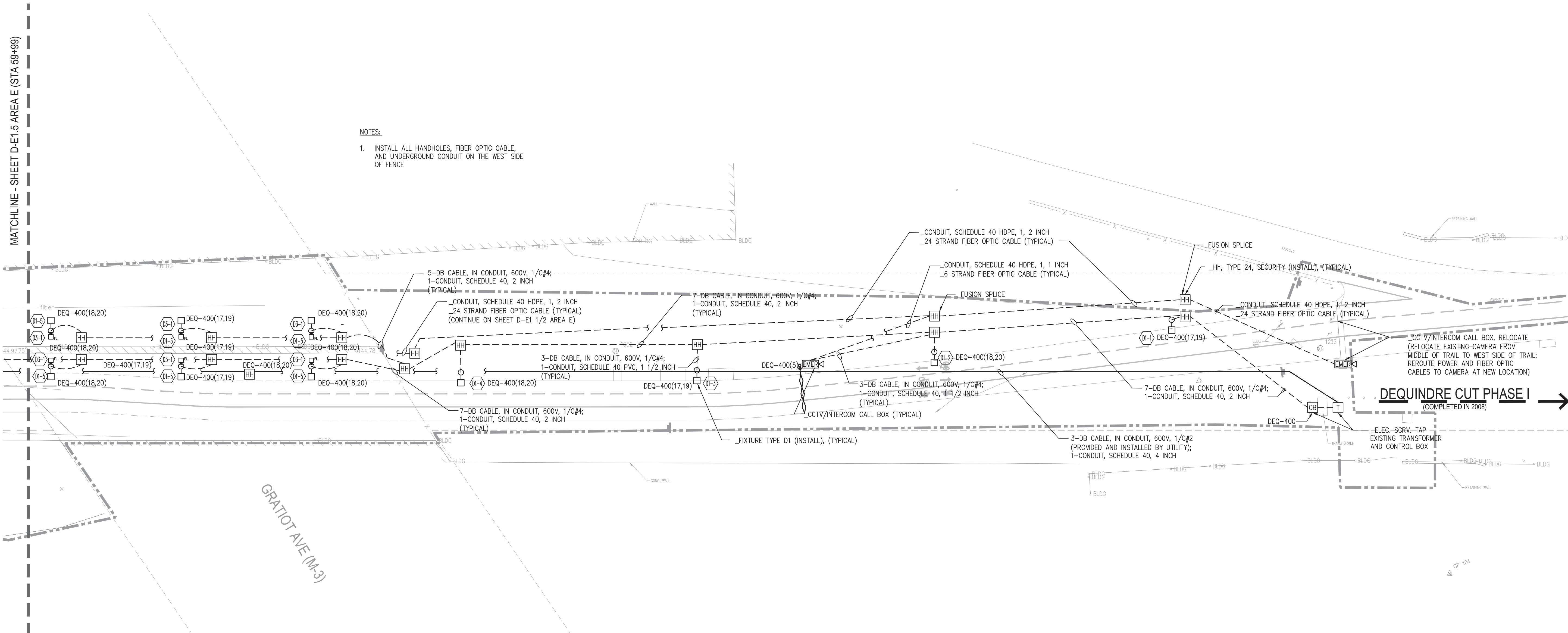
D-E1.6

DRAWING NUMBER

of 497

NOTES:

- INSTALL ALL HANDHOLES, FIBER OPTIC CABLE, AND UNDERGROUND CONDUIT ON THE WEST SIDE OF FENCE



D-E1.6 - ELECTRICAL

QTY	UNIT	ITEM DESCRIPTION
0	Ea	_Lighting Control Box and Foundation
0	Ea	_Transformer
0	Ea	_Transformer Pad
5	Ea	_Hh, Type 24
0	Ea	_Wood Utility Pole, Rem, PLD
10	Ea	_Fixture Type D1
0	Ea	_Fixture Type D1R
0	Ea	_Fixture Type D2
6	Ea	_Fixture Type D3
0	Ea	_Fixture Type D4
0	Ea	_Steel Pipe Bollard
0	Ft	_DB Cable, in Conduit, 600V, 3-1/C#1 & 1-1/C#6
0	Ea	_Elec. Serv. Tap
610	Ft	Conduit, Schedule 40, 1 1/2 inch
450	Ft	Conduit, Schedule 40, 2 inch
500	Ft	Conduit, Schedule 40, 4 inch
0	Ft	Conduit, Galv Steel, 1 1/2 inch
4,835	Ft	DB Cable, in Conduit, 600V, 1/C#4
450	Ft	_24 Strand Fiber Optic Cable
60	Ft	_6 Strand Fiber Optic Cable
60	Ft	Conduit, Schedule 40 HDPE, 1, 1 inch
450	Ft	Conduit, Schedule 40 HDPE, 1, 2 inch
2	Ea	_Fusion Splice
3	Ea	Hh, Type 24, Security
1	Ea	_CCTV/Intercom Call Box
1	Ea	_CCTV/Intercom Call Box, Relocate



PANELBOARD: DEQ-400 (EXISTING)									
VOLTAGE: 240/120V, 1 PHASE, 3 WIRE + G MAIN: 100 MCB					AIC: 10,000 IG BUS: NO NEUTRAL BUS: 100% TVSS EQUIPPED: NO				
Circ No	Breaker		Load Description	Load Location	Notes	Connected Watts			
	Pole	Trip				Phase A	Phase B		
1	2	20	CCTV (EXISTING)						
3									
5	1	20	CCTV (EXISTING)			180			
7	1	20	SPARE						
9	1	20	CABINET RECEPTACLE (EXISTING)						
11			SPACE						
13	2	20	DQ LIGHTS NORTH (EXISTING)						
15									
17	2	20	LED LIGHTING (NEW)			744			
19								744	
21			SPACE						
23			SPACE						
2	2	20	CCTV (EXISTING)						
4									
6	1	20	SPARE						
8	1	20	SPARE						
10	1	20	CONTROL (EXISTING)						
12			SPACE						
14	2	20	DQ LIGHTS SOUTH (EXISTING)						
16									
18	2	20	LED LIGHTING (NEW)			633			
20									633
22			SPACE						
24			SPACE						
CONNECTED KW: 3 DEMAND KW: 3 Phase Watts:						1,557		1,377	
CONNECTED AMPS: 12 DEMAND AMPS: 12									

Notes: *USED SPARE BREAKERS FROM LAST PHASE

Issued for	Rev	Date	Issued for	Rev	Date

PANELBOARD: DEQ-500									
VOLTAGE: 240/120V, 1 PHASE, 3 WIRE + G MAIN: 100 MCB					AIC: 10,000 IG BUS: NO NEUTRAL BUS: 100% TVSS EQUIPPED: NO				
Circ No	Breaker		Load Description	Load Location	Notes	Connected Watts			
	Pole	Trip				Phase A	Phase B		
1	1	20	CCTV			180			
3	1	20	SPARE						
5	1	20	SPARE						
7	1	20	SPARE						
9	1	20	CABINET RECEPTACLE						
11			SPACE						
13	2	20	LED LIGHTING			759			
15								759	
17	2	20	LED LIGHTING			704			
19								704	
21			SPACE						
23			SPACE						
2	1	20	SPARE						
4	1	20	SPARE						
6	1	20	SPARE						
8	1	20	RECEPTACLES			400			
10	1	20	CONTROL						
12			SPACE						
14	1	20	SPARE						
16			SPACE						
18			SPACE						
20			SPACE						
22			SPACE						
24	1	20	SPARE						
CONNECTED KW: 4 DEMAND KW: 4 Phase Watts:						2,043		1,463	
CONNECTED AMPS: 15 DEMAND AMPS: 15									

Notes:

Issued for	Rev	Date	Issued for	Rev	Date

PANELBOARD: DEQ-600									
VOLTAGE: 240/120V, 1 PHASE, 3 WIRE + G MAIN: 100 MCB					AIC: 10,000 IG BUS: NO NEUTRAL BUS: 100% TVSS EQUIPPED: NO				
Circ No	Breaker		Load Description	Load Location	Notes	Connected Watts			
	Pole	Trip				Phase A	Phase B		
1	1	20	CCTV			180			
3	1	20	SPARE						
5	1	20	SPARE						
7	1	20	SPARE						
9	1	20	CABINET RECEPTACLE						
11			SPACE						
13	2	20	LED LIGHTING			389			
15									389
17	2	20	LED LIGHTING			389			
19									389
21			SPACE						
23			SPACE						
2	1	20	SPARE						
4	1	20	SPARE						
6	1	20	SPARE						
8	1	20	SPARE						
10	1	20	CONTROL						
12			SPACE						
14			SPACE						
16			SPACE						
18			SPACE						
20			SPACE						
22	1	20	SPARE						
24	1	20	SPARE						
CONNECTED KW: 2 DEMAND KW: 2 Phase Watts:						958		778	
CONNECTED AMPS: 7 DEMAND AMPS: 7									

Notes:

Issued for	Rev	Date	Issued for	Rev	Date

Dequindre Cut Phase II

Dequindre Cut Detroit, Michigan



Owners:



City of Detroit



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SEALS AND SIGNATURES



DRAWING TITLE
PANEL SCHEDULES

GRAPHIC SCALE TAKES PRECEDENCE FULL SIZE SCALE (24x36) N/A
PROJECT NUMBER 50572.000

DRAWING NUMBER D-E1.7



ELECTRICAL SPECIFICATIONS

1. GENERAL NOTES

- 1. FURNISH MATERIALS, EQUIPMENT, LABOR AND SERVICES REQUIRED FOR THE INSTALLATION OF ELECTRICAL WORK AS REQUIRED TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL SYSTEM AS INDICATED BY DRAWINGS.
2. PROVIDE INCIDENTAL ITEMS NOT INDICATED ON DRAWINGS, NOR MENTIONED IN THE SPECIFICATIONS THAT CAN LEGITIMATELY AND REASONABLY BE INFERRED TO BELONG TO THE WORK DESCRIBED OR BE NECESSARY IN GOOD PRACTICE TO PROVIDE A COMPLETE SYSTEM.
3. COMPLY WITH THE LATEST ACTIVE OR ADOPTED EDITIONS OF THE NATIONAL ELECTRICAL CODES, STATE, CITY AND LOCAL ELECTRICAL CODES, WHERE CONFLICTS OCCUR, APPLY THE MORE STRINGENT OF THE CODE ENFORCED BY THE AUTHORITY HAVING JURISDICTION.
4. COMPLY WITH APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS, CODES OR RULING OF GOVERNMENTAL UNITS HAVING JURISDICTION, AS WELL AS STANDARDS OF THE NATIONAL FIRE PROTECTION ASSOCIATION.
5. COORDINATE, SCHEDULE AND SEQUENCE ELECTRICAL WORK WITH OTHER TRADES, DOCUMENT SCHEDULE REQUIREMENTS AND COORDINATE EFFORTS.
6. SUBMIT SHOP DRAWINGS, CATALOGS, DATA SHEETS OR ANY OTHER DESCRIPTIVE LITERATURE NECESSARY TO CONVEY INFORMATION FOR ENGINEERING REVIEW FOR THE FOLLOWING ITEMS OF ELECTRICAL WORK: WIRING DEVICES, WIRING.

2. BASIC ELECTRICAL MATERIAL AND METHODS

- 1. THE DRAWINGS INDICATE THE APPROXIMATE LOCATIONS OF ROUGH-INS. COORDINATE WITH THE RESPECTIVE TRADES BEFORE PROGRESSING WITH ANY WORK. COMPLETE THE INSTALLATION IN A NEAT AND SKILLFUL MANNER.
2. DRAWINGS ARE DIAGRAMMATIC AND MANY OFFSETS, BENDS, PULL BOXES, SPECIAL FITTINGS ETC. WHICH ARE REQUIRED ARE NOT INDICATED. CAREFULLY STUDY DRAWINGS AND PREMISES IN ORDER TO DETERMINE THE BEST METHODS, EXACT LOCATIONS, BUILDING OBSTRUCTIONS, ETC., TO INSTALL APPARATUS AND EQUIPMENT. INSTALL IN MANNER AND LOCATIONS TO AVOID OBSTRUCTIONS.
3. GUARANTEE MATERIAL, EQUIPMENT AND WORKMANSHIP IN WIRING TO BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP FOR NOT LESS THAN ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE.

3. GROUNDING

- 1. ELECTRICALLY GROUND METALLIC CABINETS, BOXES, AND ENCLOSURES. PROVIDE A GROUNDING TERMINAL IN THE INTERIOR OF CABINETS, BOXES AND ENCLOSURES.
2. COMPLY WITH NEC ARTICLE 250 FOR SIZES AND QUANTITIES OF EQUIPMENT GROUNDING CONDUCTORS, UNLESS OTHERWISE NOTED. INSTALL SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR WITH CIRCUIT CONDUCTORS.
3. BOND CONDUITS, WIREWAY, SURFACE RACEWAYS, BOXES, AND ENCLOSURES TOGETHER. PROVIDE BONDING BUSHINGS AND BONDING JUMPEYS TO BOND CONDUITS WHERE THEY ENTER A BOX AND ENCLOSURE.

4. WIRE AND CABLE

- 1. PROVIDE ANNEALED SOFT-DRAWN COPPER, 600 VOLT INSULATED WIRE AND CABLE FOR SECONDARY POWER, UL LISTED FOR THE REQUIRED INSTALLATION.
2. PROVIDE TYPE XHHW, 90C, DRY FOR WIRE.
3. PROVIDE STRANDED COPPER WIRE, SIZE PER NEC.
4. PROVIDE COMPRESSION SOLDERLESS TYPE CONNECTIONS/LUGS, COPPER.
5. INSTALL A SEPARATE NEUTRAL CONDUCTOR WITH EACH CIRCUIT, SIZE NEUTRAL CONDUCTOR THE SAME AS THE CIRCUIT PHASE CONDUCTORS.
6. PROVIDE COMMON INSULATED GROUND CABLES FOR MULTIPLE CIRCUITS.
7. INSTALL ELECTRICAL CABLES, WIRES, AND CONNECTORS IN COMPLIANCE WITH NEC. COORDINATE CABLE INSTALLATION WITH OTHER WORK.
8. IDENTIFY THE CONDUCTORS WITH THE FOLLOWING COLORS: COLOR CODE CONDUCTORS WITH FACTORY APPLIED COLOR OR WITH 1/2" VINYL TAPE AT BOTH TERMINATIONS OF EACH CONDUCTOR PER THE NEC.

PHASE 240/120
1(A) BLACK
2(B) RED
NEUTRAL WHITE
GROUND GREEN

- PROVIDE ADHESIVE PLASTIC TYPE MARKERS FOR CABLES NO. 10 AWG AND SMALLER.
- IDENTIFY CONDUCTORS AT THEIR END POINTS WITH WIRE NUMBERS, IF APPLICABLE.

MANUFACTURERS:

- A-AMERICAN INSULATED WIRECORP
B-ENCORE
C-SOUTHWIRE

5. CONDUIT

- 1. PROVIDE THE FOLLOWING TYPES OF CONDUIT AND RACEWAY IN THE RESPECTIVE LOCATIONS:
2. PVC SCHEDULE 40, UNLESS OTHERWISE NOTED
3. BURY CONDUIT MINIMUM 36 INCHES BELOW GRADE.
4. MANUFACTURERS:
A- ALLIED TUBE AND CONDUIT CORP
B- AFC CABLE SYSTEMS, INC
C- MIDWEST ELECTRIC PRODUCTS CO.
D- WHEATLAND TUBE CO.

6. CABINETS, BOXES AND FITTING

- 1. PROVIDE ELECTRICAL CABINETS, BOXES, AND FITTINGS AS INDICATED BY TYPE, SIZE, AND NEMA ENCLOSURE CLASS. WHERE NOT INDICATED, PROVIDE UNITS OF TYPE, SIZES, AND CLASSES APPROPRIATE FOR THE USE AND LOCATION. PROVIDE ITEMS COMPLETE WITH COVERS AND ACCESSORIES REQUIRED FOR THE INTENDED USE.

7. WIRING DEVICES

- 1. PROVIDE 20A, 125VAC NEMA TYPE 5-20R DUPLEX RECEPTACLES WITH ONE-PIECE BRASS MOUNTING STRAP, INTEGRAL GROUNDING CONTACTS, IMPACT RESISTANT NYLON FACE
2. INSTALL WIRING DEVICES AND ACCESSORIES AS INDICATED, IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, APPLICABLE REQUIREMENTS OF NEC AND IN ACCORDANCE WITH RECOGNIZED INDUSTRY PRACTICES TO FULFILL PROJECT REQUIREMENTS.
3. INSTALL DEVICES AND COVER PLATES PLUMB AND PARALLEL TO ADJACENT SURFACES OR TRIM. INSTALL DEVICES FLUSH WITH THE FINISHED TRIM OVER PLATES AND THE PLATES TIGHT TO THE SURFACES WHICH THEY ARE INSTALLED.
4. LABEL BACK OF WIRING DEVICE WALL PLATES WITH PERMANENT MARKER PEN INDICATING THE CIRCUIT NUMBER AND PANELBOARD IDENTIFICATION.

- MANUFACTURERS:
A- HUBBELL
B- LEVITON
C- ARROW HART

Dequindre Cut Phase II

Dequindre Cut Detroit, Michigan



Owners:



City of Detroit



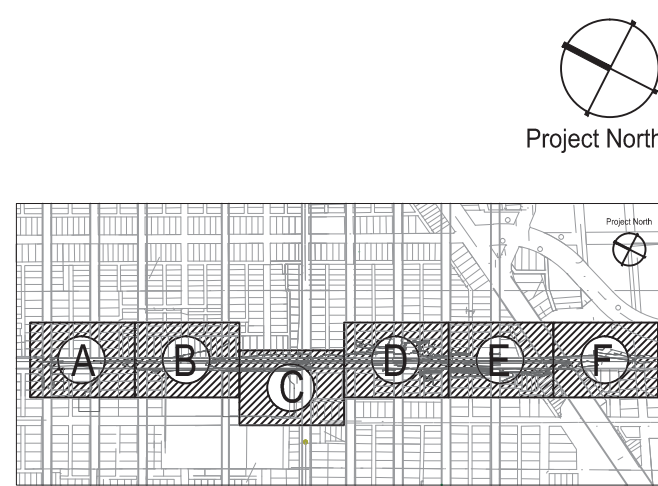
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SEALS AND SIGNATURES

KEY PLAN



ELECTRICAL SPECIFICATIONS

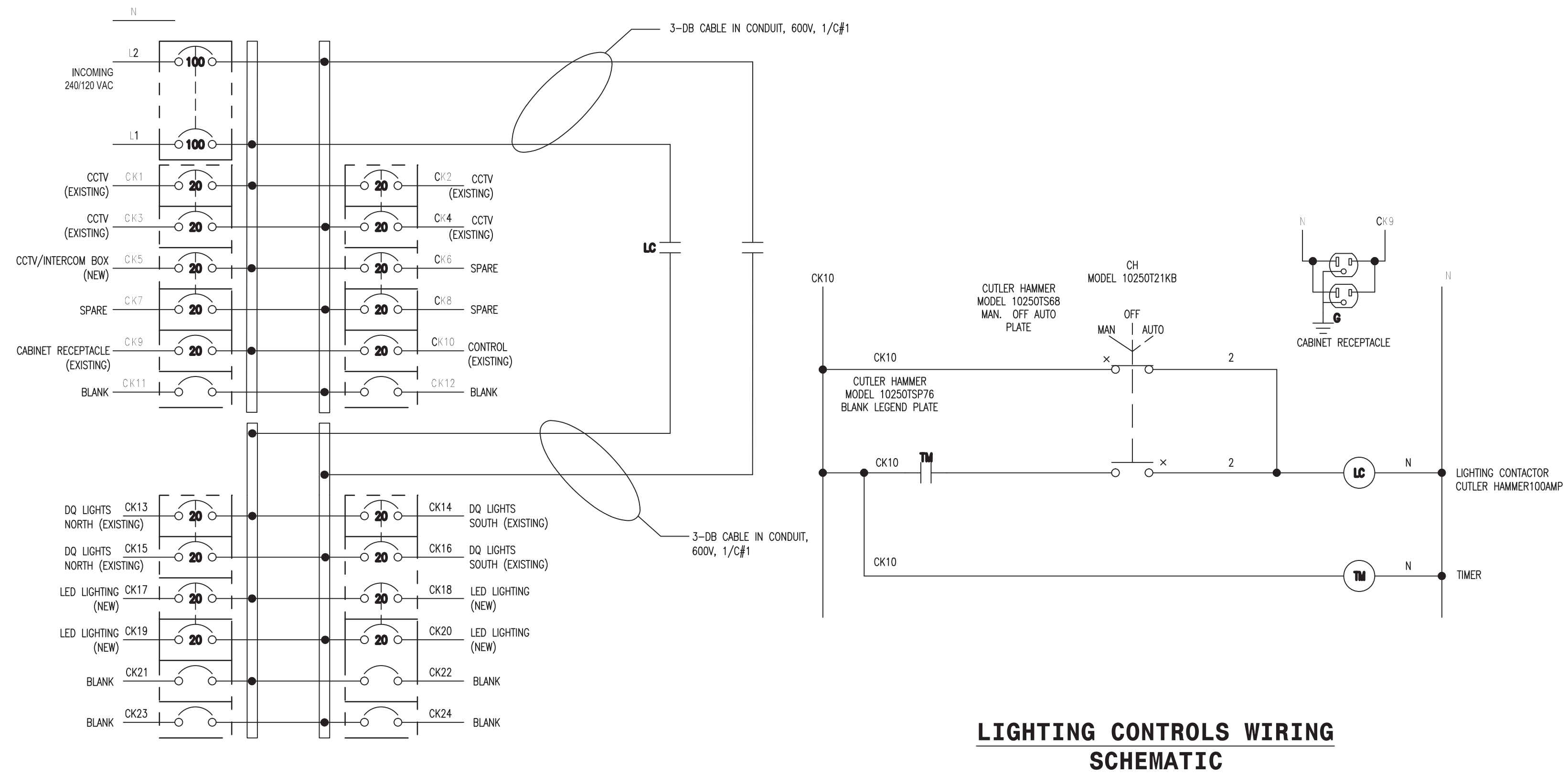
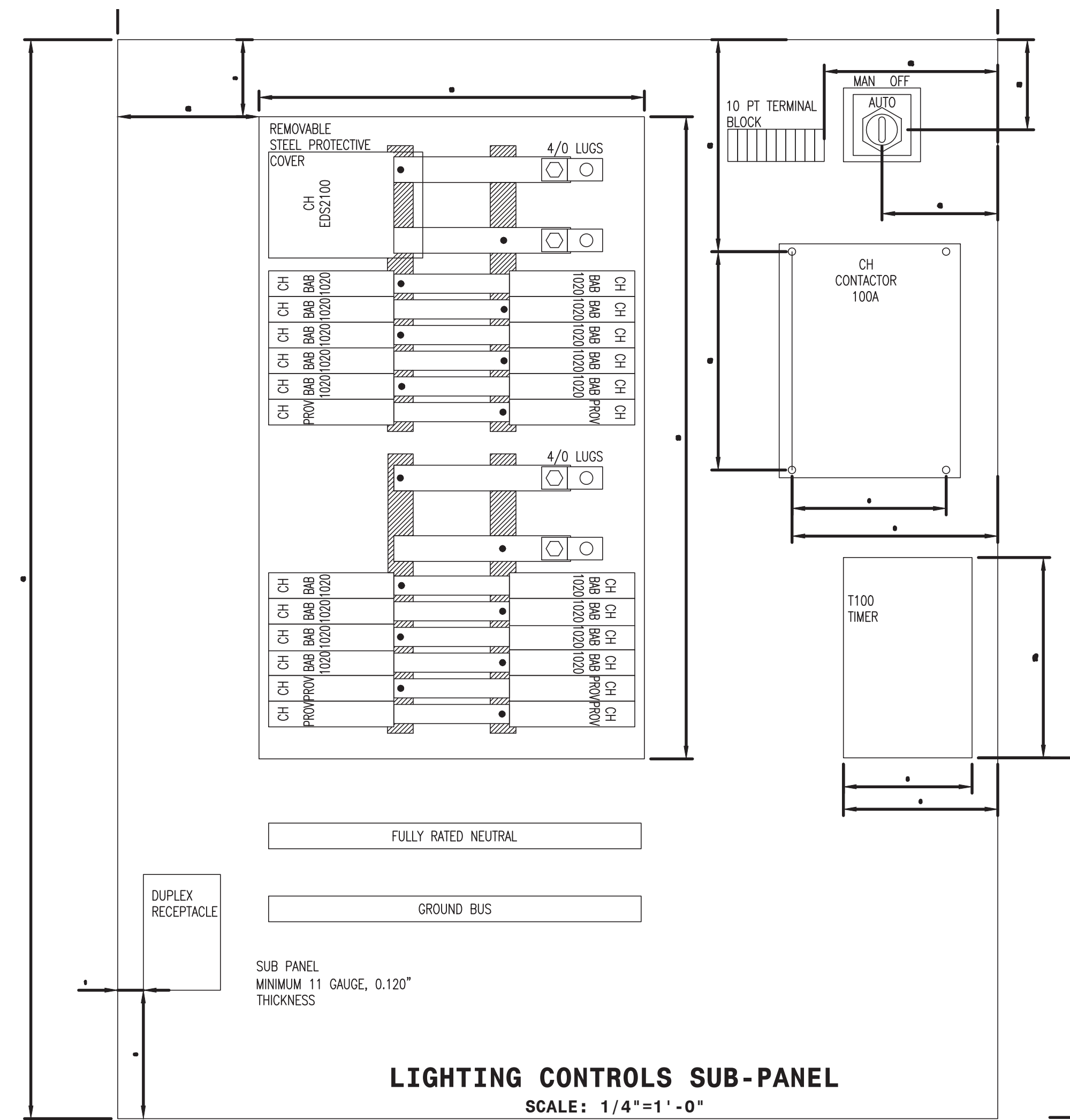
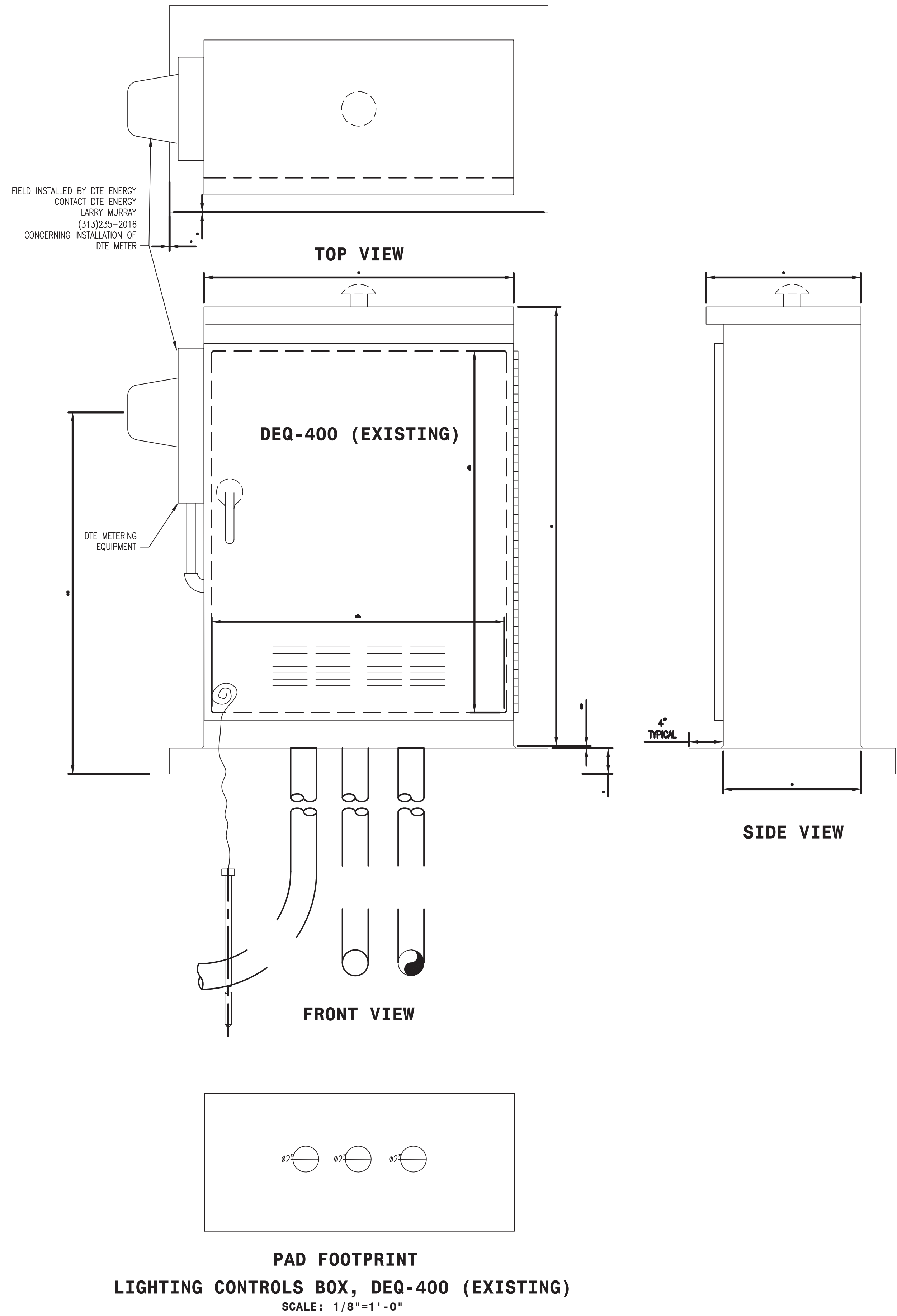
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PROJECT NUMBER D-E1.8

DRAWING NUMBER of 497



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LIGHTING CONTROL BOX AND FOUNDATION

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

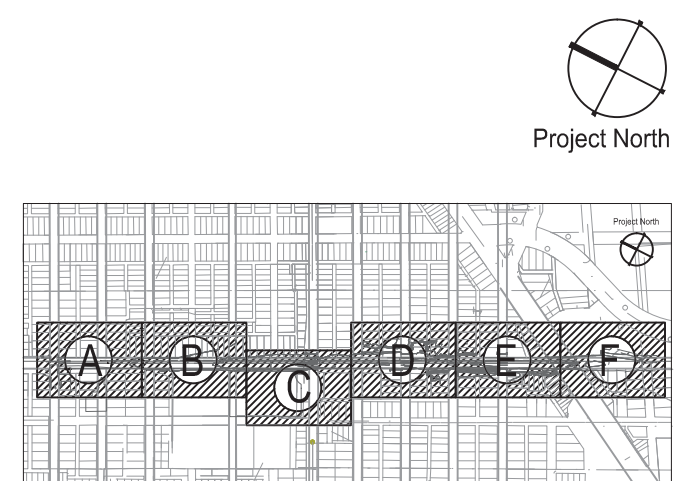
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50% CONSTRUCTION DOCUMENTS	0	NOV 05 2012

SEALS AND SIGNATURES

KEY PLAN



DRAWING TITLE
ELECTRICAL DETAILS

GRAPHIC SCALE
TAKES PRECEDENCE
FULL SIZE SCALE (24x36)

PROJECT NUMBER

DRAWING NUMBER

N/A

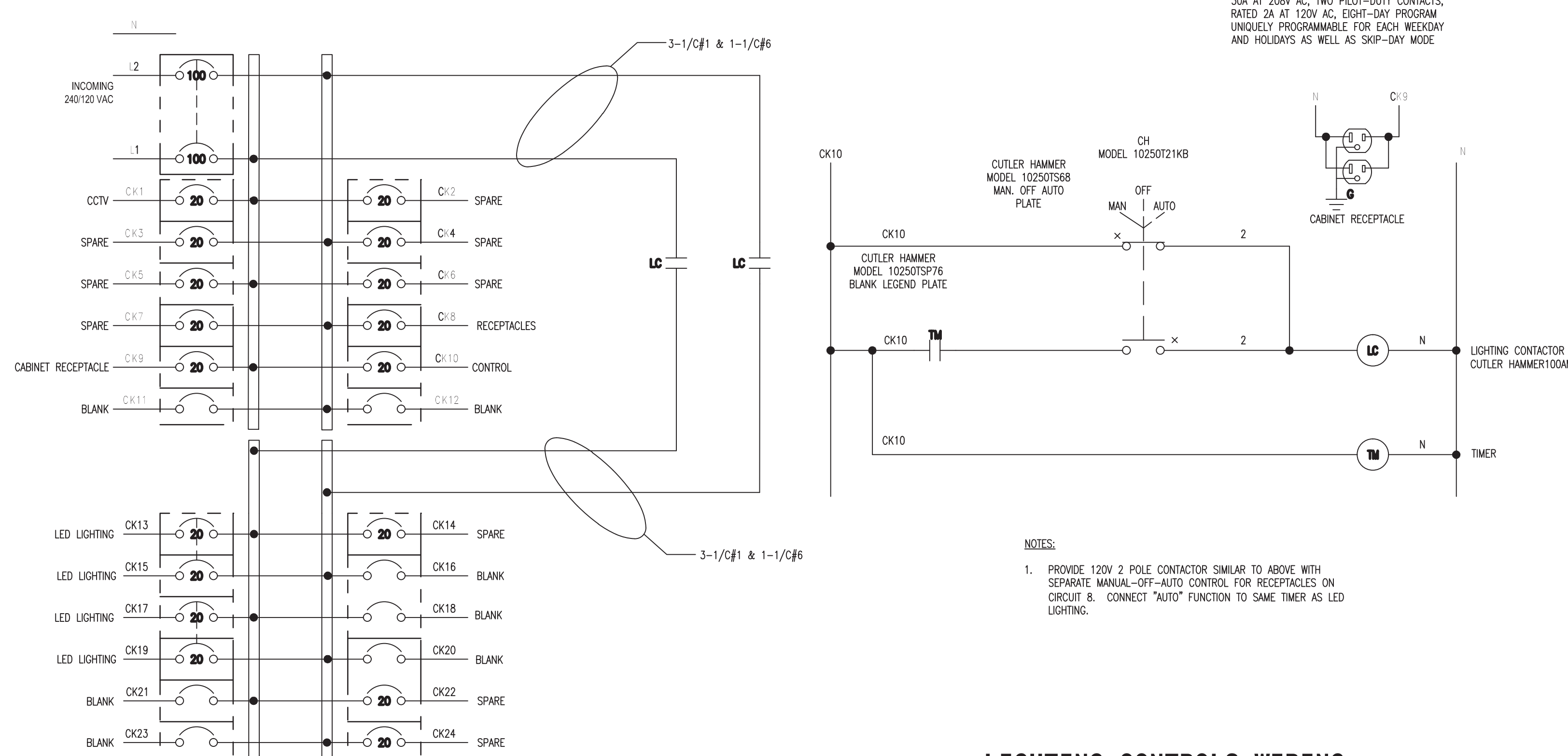
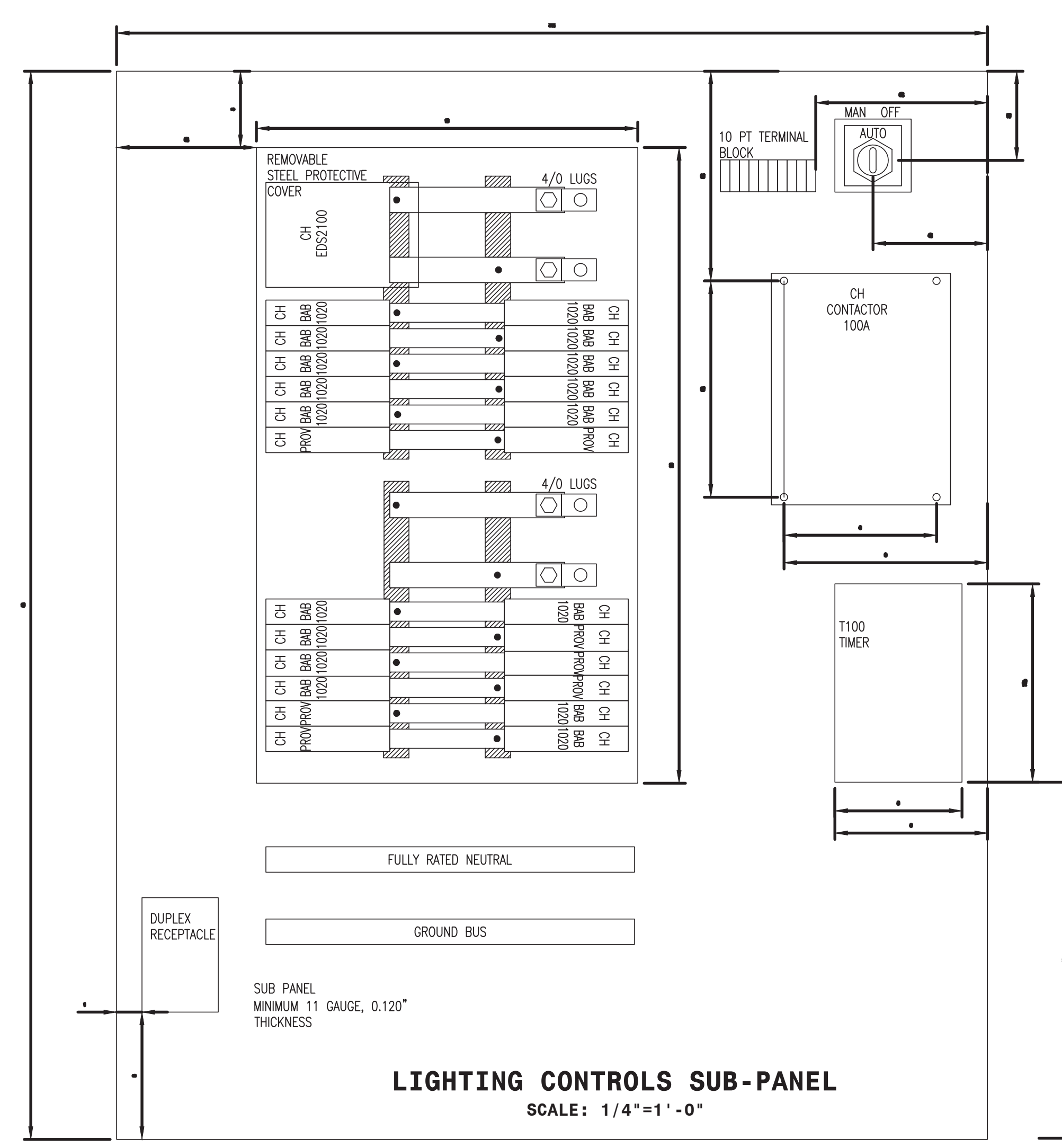
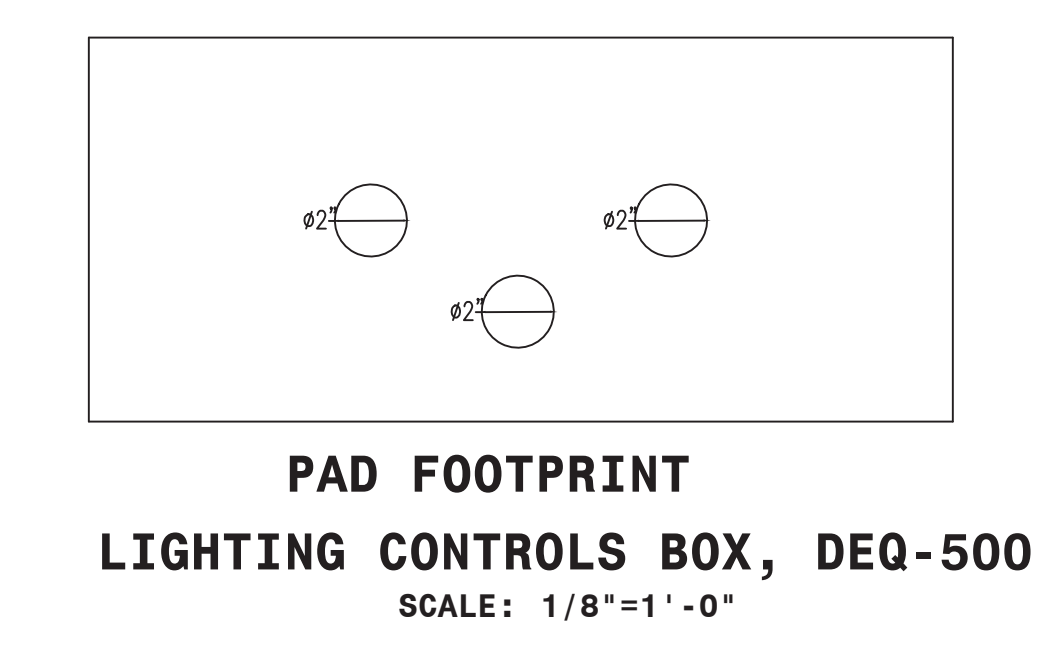
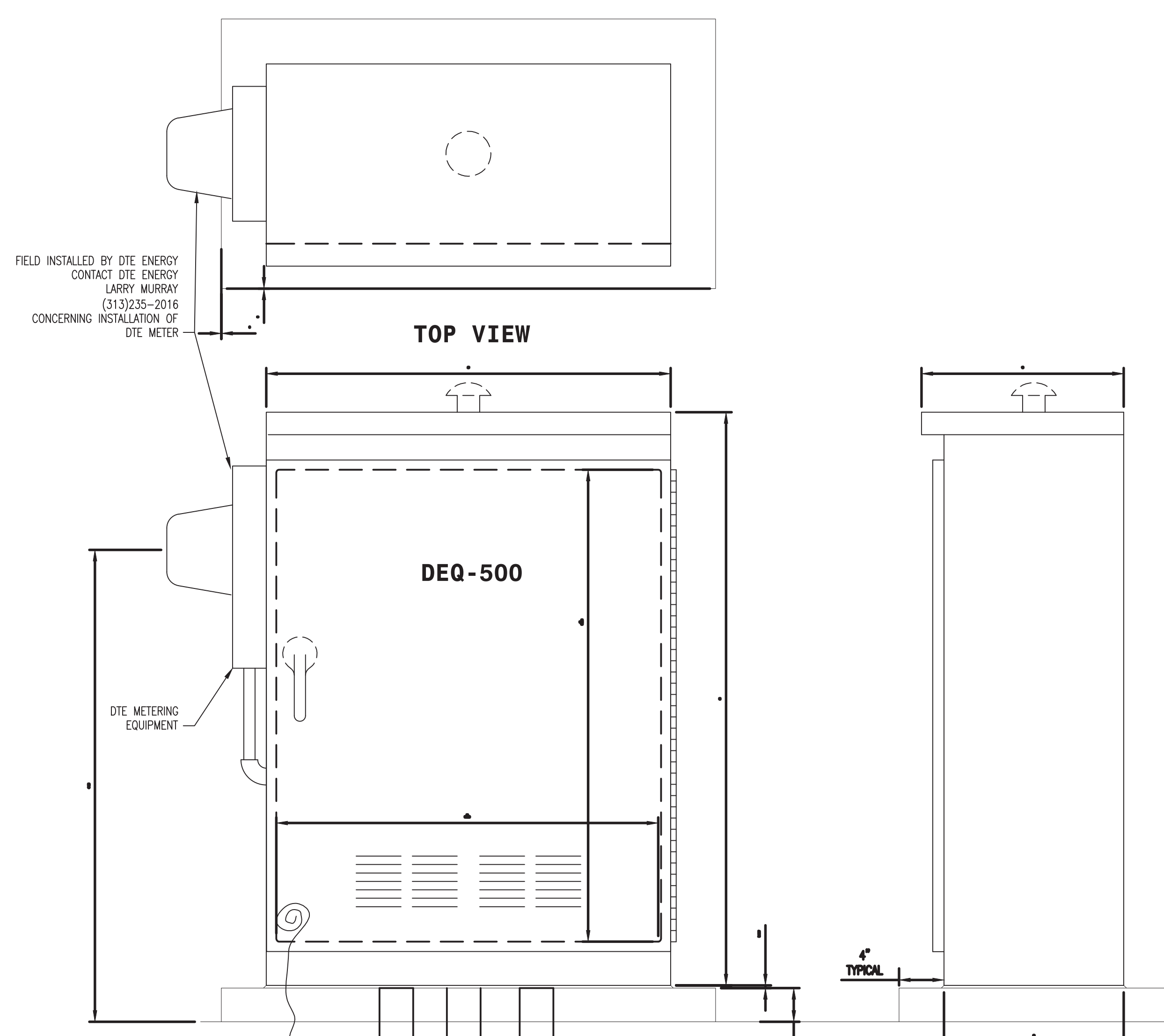
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of 497



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- NOTES:**
- ENCLOSURE**
- COMPLETELY FABRICATED FROM .125"-THICK TYPE 5052-H32 VINYL-COATED, MILL-FINISHED ALUMINUM UTILIZING INTERMITTENTLY WELDED CONSTRUCTION, SUBSEQUENTLY WEATHERPROOFED WITH SILICONE SEALANT.
 - THERMOCONVECTION AIR VENTILATION SYSTEM UTILIZED WITH PROVISIONS FOR MOUNTING FAN FOR FORCED-AIR COOLING EXHAUST OUTLET OPENINGS ARE PROVIDED UNDER THE ROOF OVERHANG
 - ALL INTERNAL AND EXTERNAL HARDWARE UTILIZES NON-CORROSIVE MATERIAL
 - ADJUSTABLE 3/8"-DIAMETER STAINLESS STEEL DOOR STOP CAN BE LATCHED IN VARIOUS POSITIONS
 - COLOR FOR CABINET IS RA6008 "DETROIT GREEN"
- DOOR**
- PROVIDED WITH THREE-POINT LOCKING MECHANISM
 - 3/4"-DIAMETER STAINLESS STEEL INWARD-TURNING HANDLE WITH PROVISIONS FOR PADLOCKING
 - THE DOOR SHALL BE FITTED WITH A CORBIN #15481APS PIN TUMBLER LOCKED KEYPED FOR CORBIN #186380 KEY
 - LOWVERED INLET WITH FILTER TO PREVENT DIRT FROM ENTERING WITH AIR FLOW
 - CLOSED-CELL NEOPRENE DOOR SEAL GASKET USED.
 - HEAVY GAUGE ALUMINUM CONTINUOUS HINGE UTILIZING A NON-REMOVABLE 3/16" DIAMETER STAINLESS STEEL HINGE PIN FOR DOOR SUPPORT, CARRIAGE BOLTED IN PLACE, FOR EASE OF DOOR REMOVAL
- PANELBOARD**
- SERVICE RATING IS 240/120, SINGLE PHASE, 3 WIRE 100KA MAXIMUM SERIES RATED INTERRUPTING CAPACITY (SYMMETRICAL @240VAC)
 - MAIN BUS BARS SHALL BE COPPER SIZED IN ACCORDANCE WITH UL STANDARDS TO LIMIT TEMPERATURE RISE ON ANY CURRENT CARRYING PART TO A MAXIMUM OF 65 DEGREES C ABOVE AN AMBIENT OF 40 DEGREES C MAXIMUM (100A)
 - AN ISOLATED GROUND BUS SHALL BE INCLUDED IN PANEL
 - A 100K FULLY RATED INSULATED NEUTRAL BUS BAR SHALL BE INCLUDED IN PANEL
 - ALL CONTROL CABLE SHALL BE TYPE SIS SWITCHBOARD WIRE RATED 300 VOLTS, 90°C, 14AWG, 7 STRAND
 - POWER CABLES CONNECTED TO LIGHTING CONTACTOR SHALL BE TYPE RHW, 600 VOLTS, 90°C, 1/0 AWG, 19 STRAND
 - TIMER (TM) SHALL BE ELECTROMECHANICAL-DIAL TYPE COMPLYING WITH UL1717 TIMER SHALL HAVE ASTRONOMIC DIAL, TWO CONTACTS, RATED 30A AT 208V AC, TWO PILOT-DUTY CONTACTS, RATED 2A AT 120V AC, EIGHT-DAY PROGRAM UNIQUELY PROGRAMMABLE FOR EACH WEEKDAY AND HOLIDAYS AS WELL AS SKIP-DAY MODE

LIGHTING CONTROLS WIRING SCHEMATIC

- NOTES:**
- PROVIDE 120V 2-POLE CONTACTOR SIMILAR TO ABOVE WITH SEPARATE MANUAL-OFF-AUTO CONTROL FOR RECEPTABLES ON CIRCUIT B. CONNECT "AUTO" FUNCTION TO SAME TIMER AS LED LIGHTING.

LIGHTING CONTROLS WIRING DIAGRAM (DEQ -500)

LIGHTING CONTROL BOX AND FOUNDATION

Dequindre Cut Phase II
 Dequindre Cut
 Detroit, Michigan

MDOT
 Michigan Department of Transportation

Owners:
 City of Detroit

Economic Development Corporation of the City of Detroit

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SEALS AND SIGNATURES

KEY PLAN

ELECTRICAL DETAILS

GRAPHIC SCALE TAKES PRECEDENCE FULL SIZE SCALE (24x36)

PROJECT NUMBER

DRAWING NUMBER

N/A

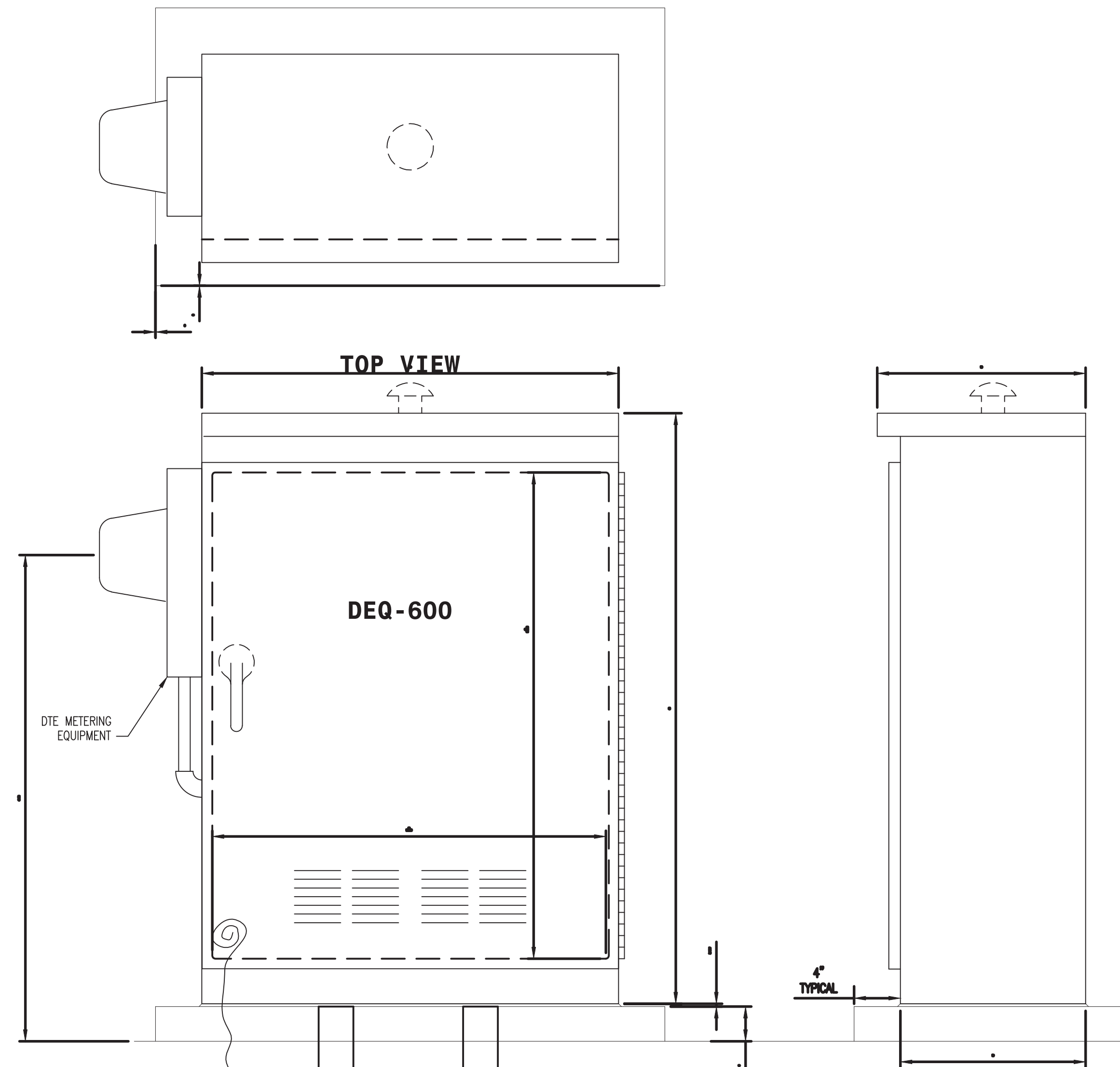
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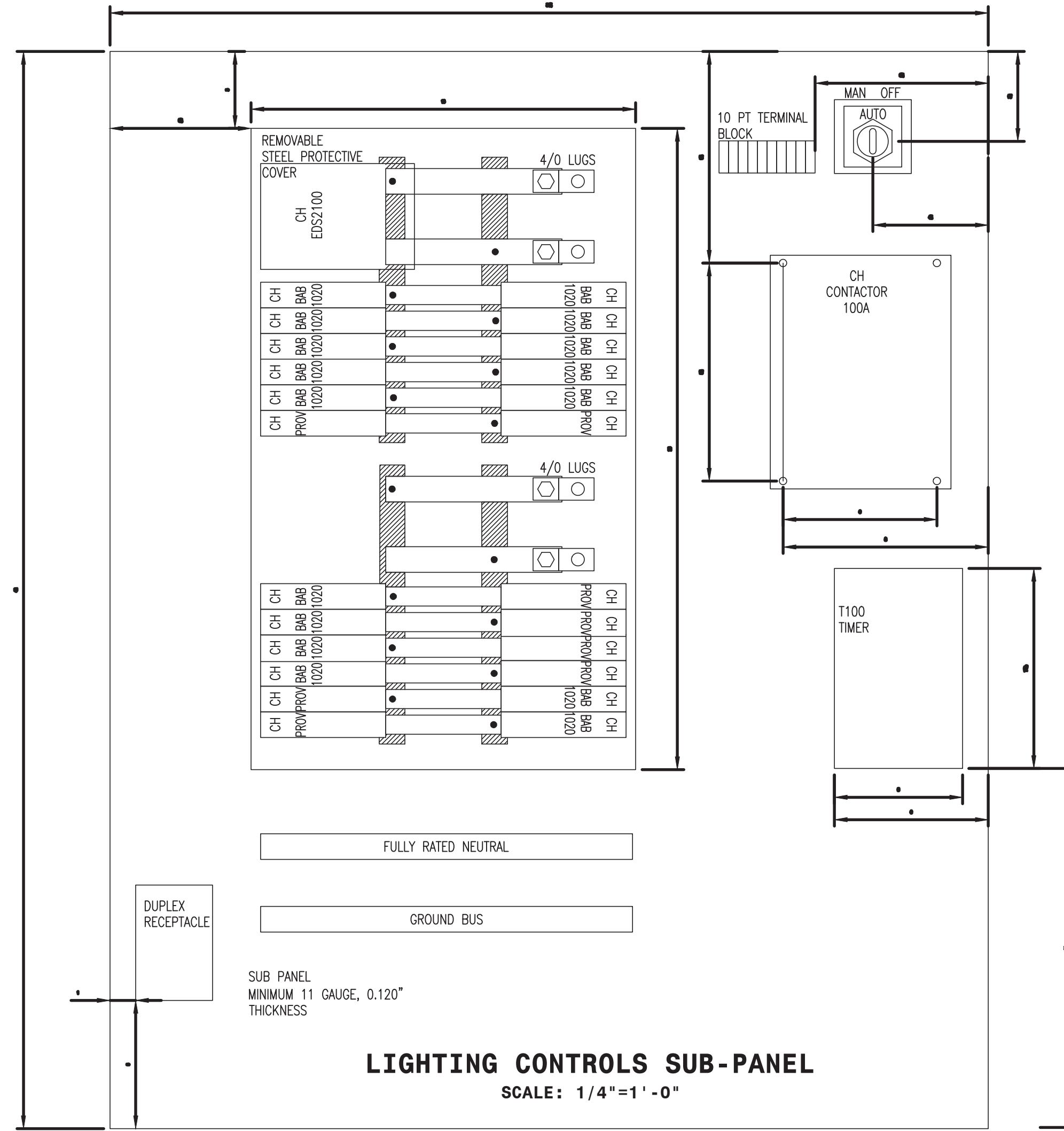
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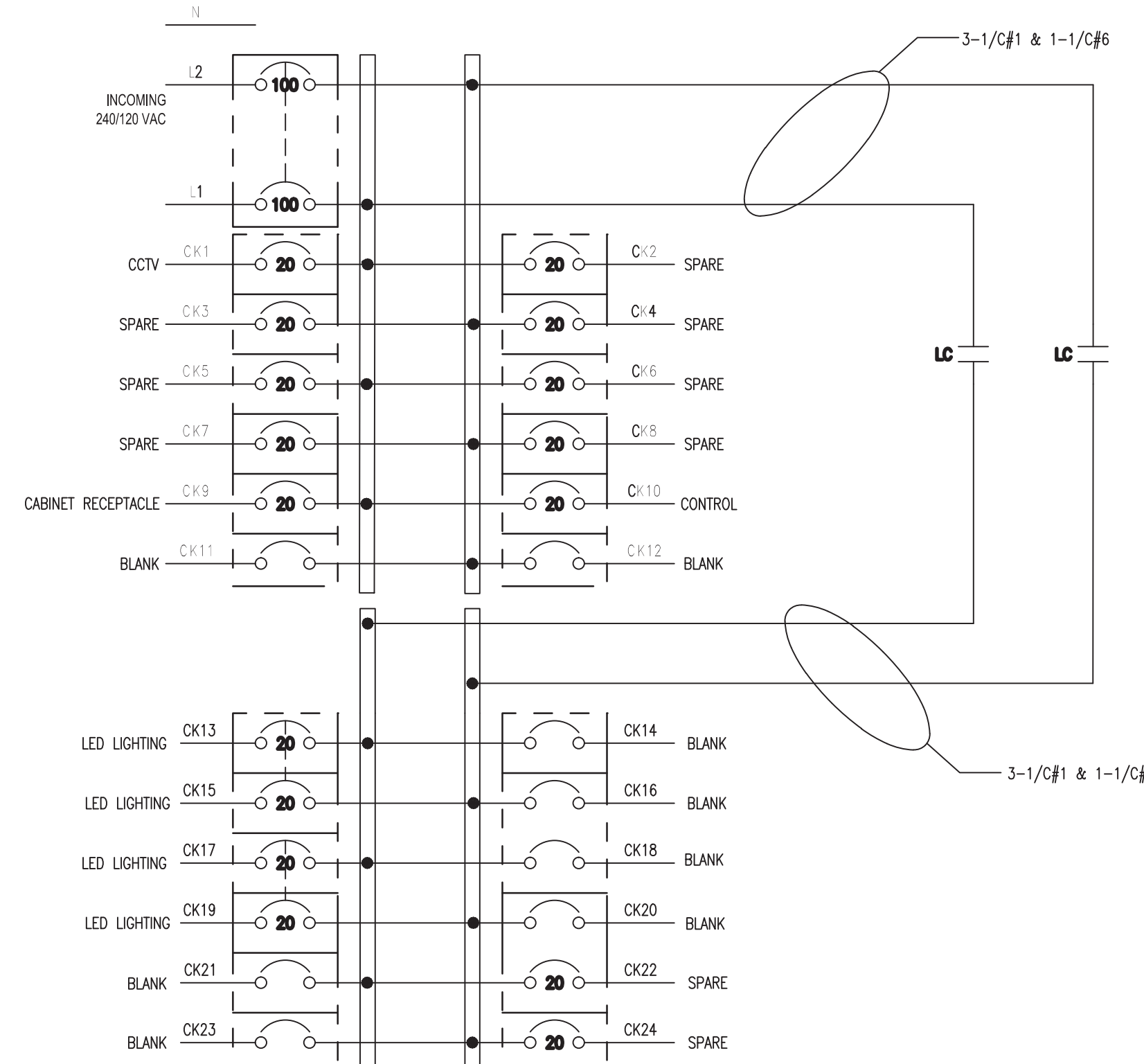
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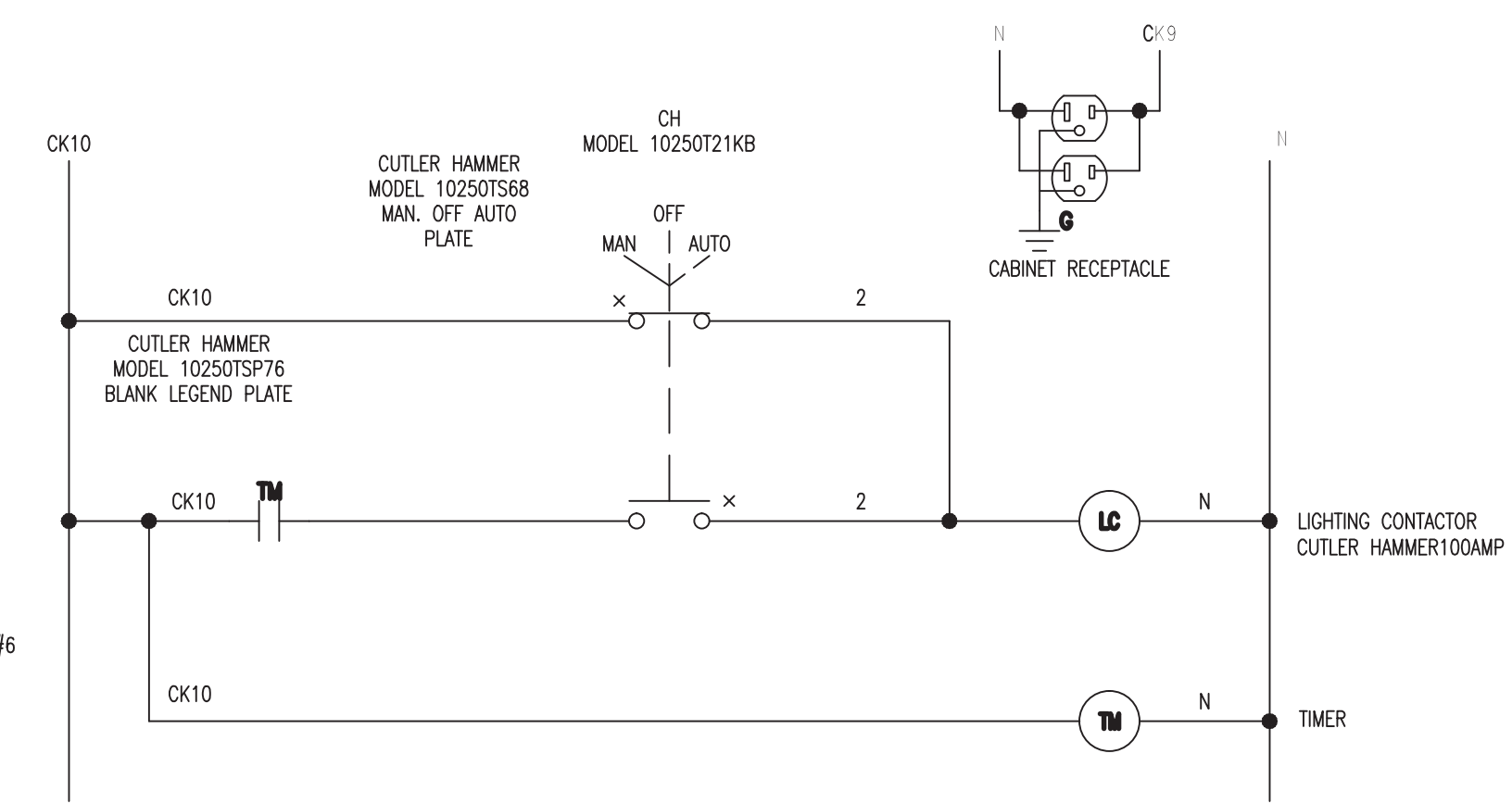
**PAD FOOTPRINT
LIGHTING CONTROLS BOX, DEQ-600**
SCALE: 1/8"=1'-0"



LIGHTING CONTROLS SUB-PANEL
SCALE: 1/4"=1'-0"



LIGHTING CONTROLS WIRING DIAGRAM (DEQ-600)



LIGHTING CONTROLS WIRING SCHEMATIC

NOTES:

ENCLOSURE

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Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



Economic Development
Corporation of the City of Detroit

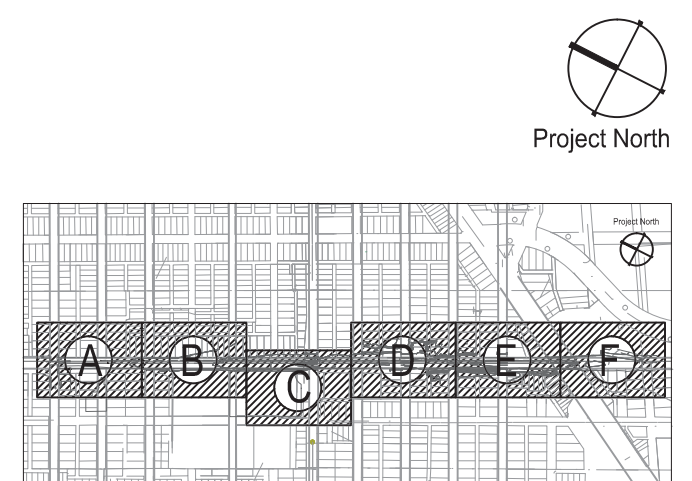
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SEALS AND SIGNATURES

KEY PLAN



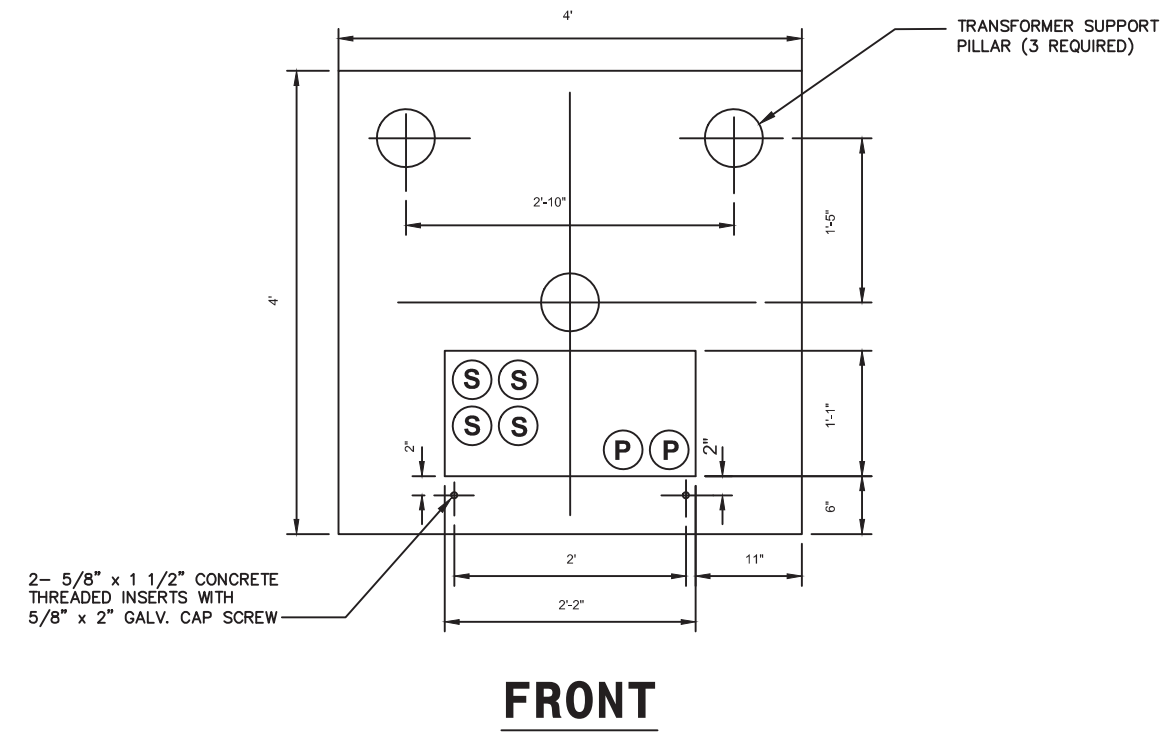
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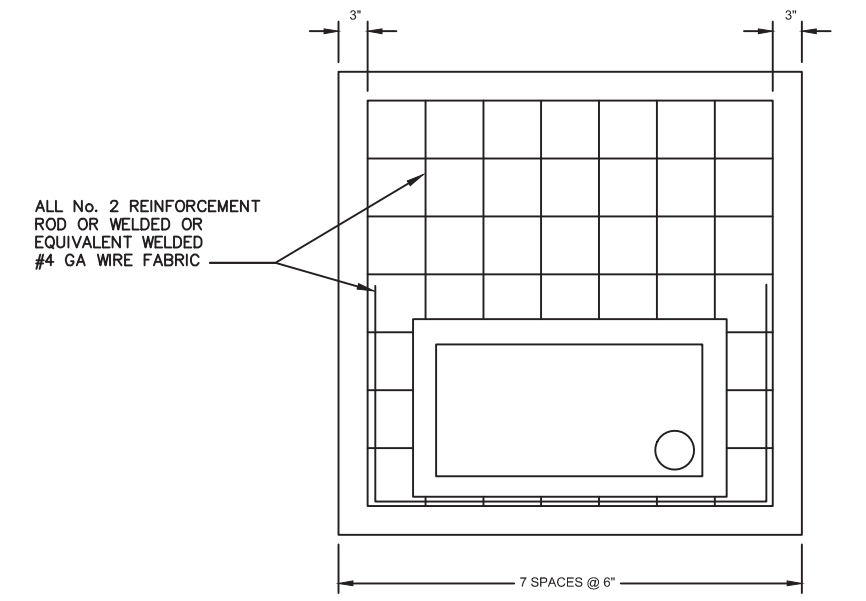
PROJECT NUMBER

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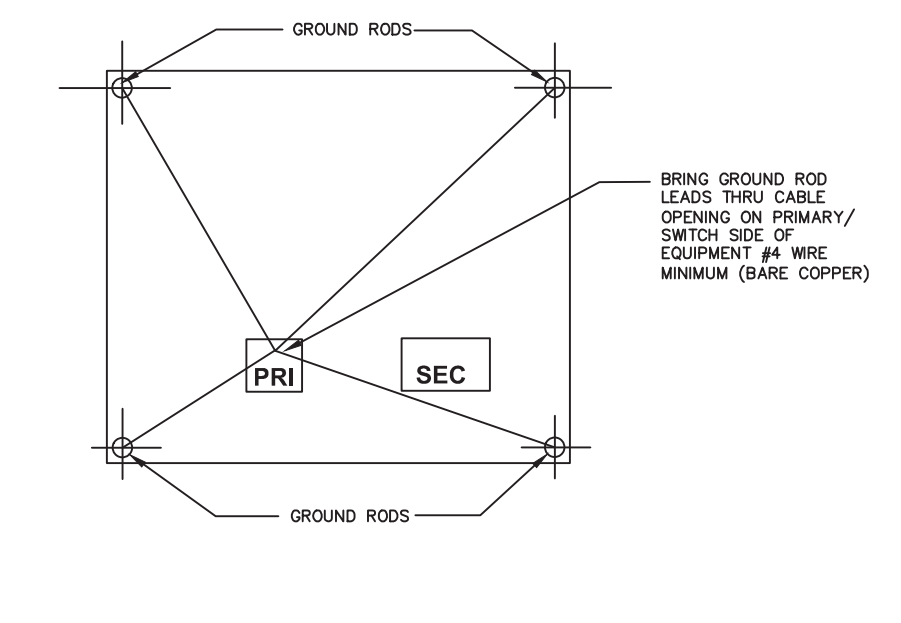


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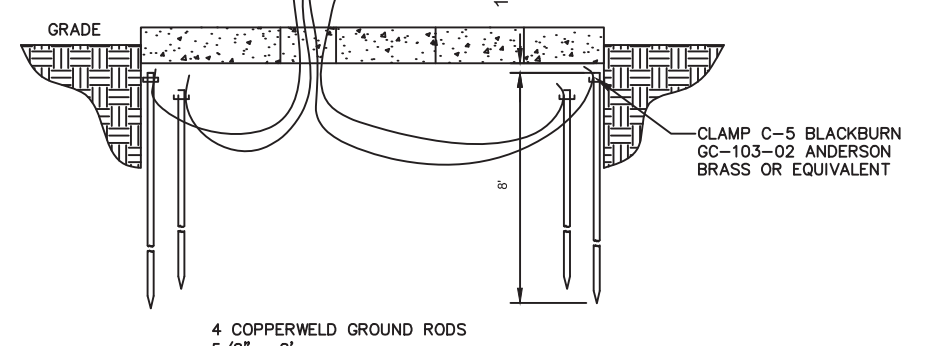


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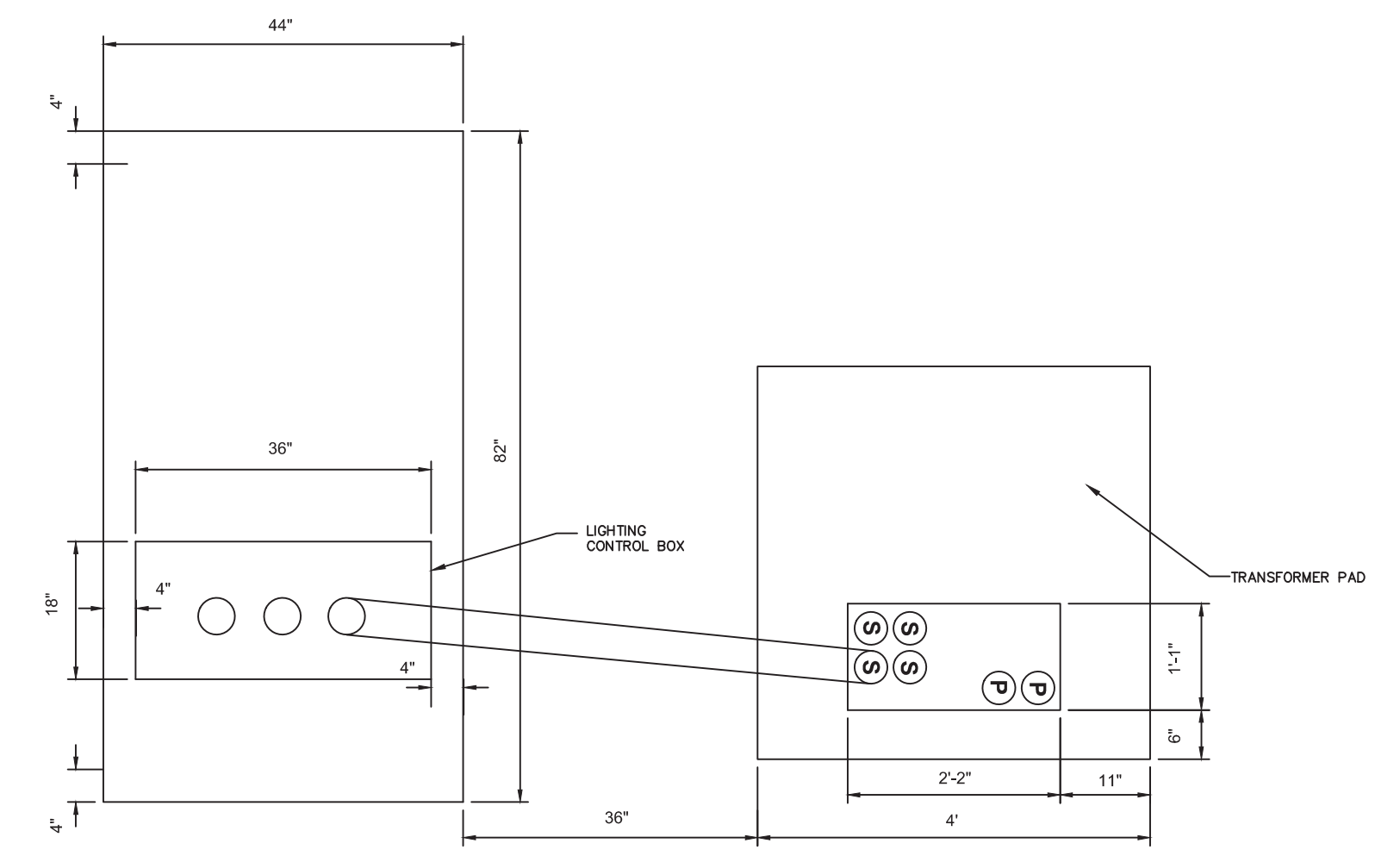
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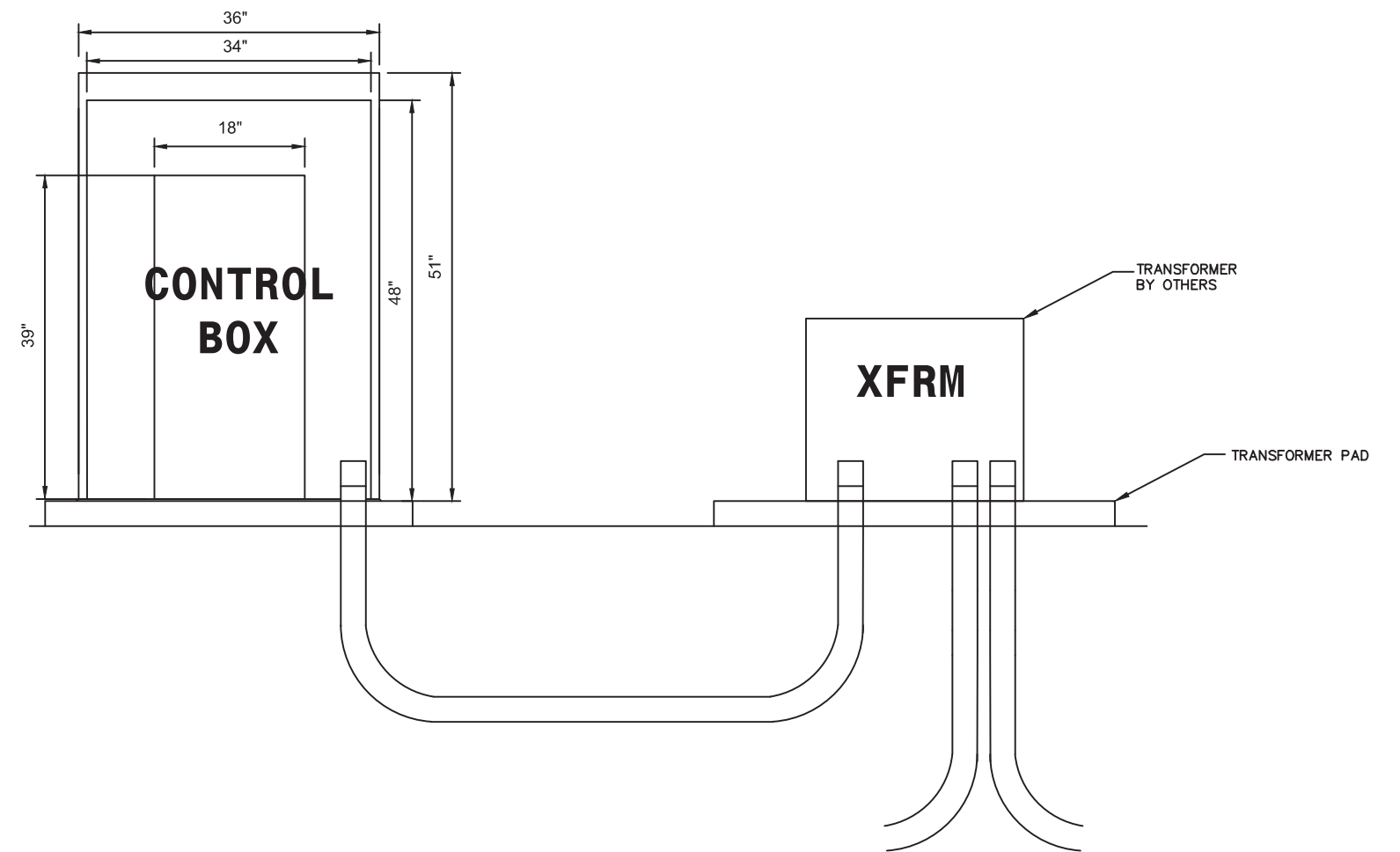
2 - GROUNDING FOR TRANSFORMER PAD



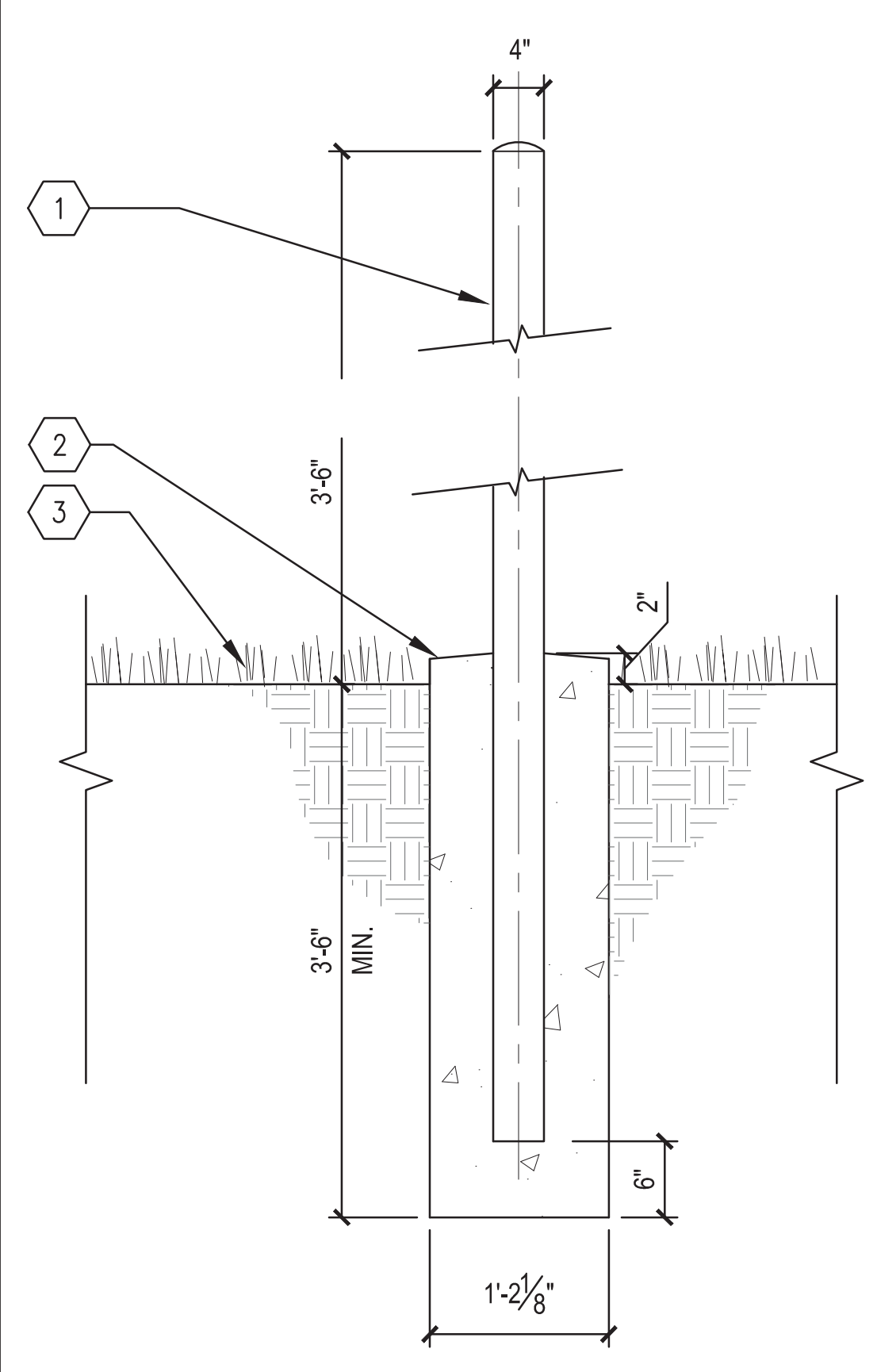
3 - TRANSFORMER PAD SUPPORT POST



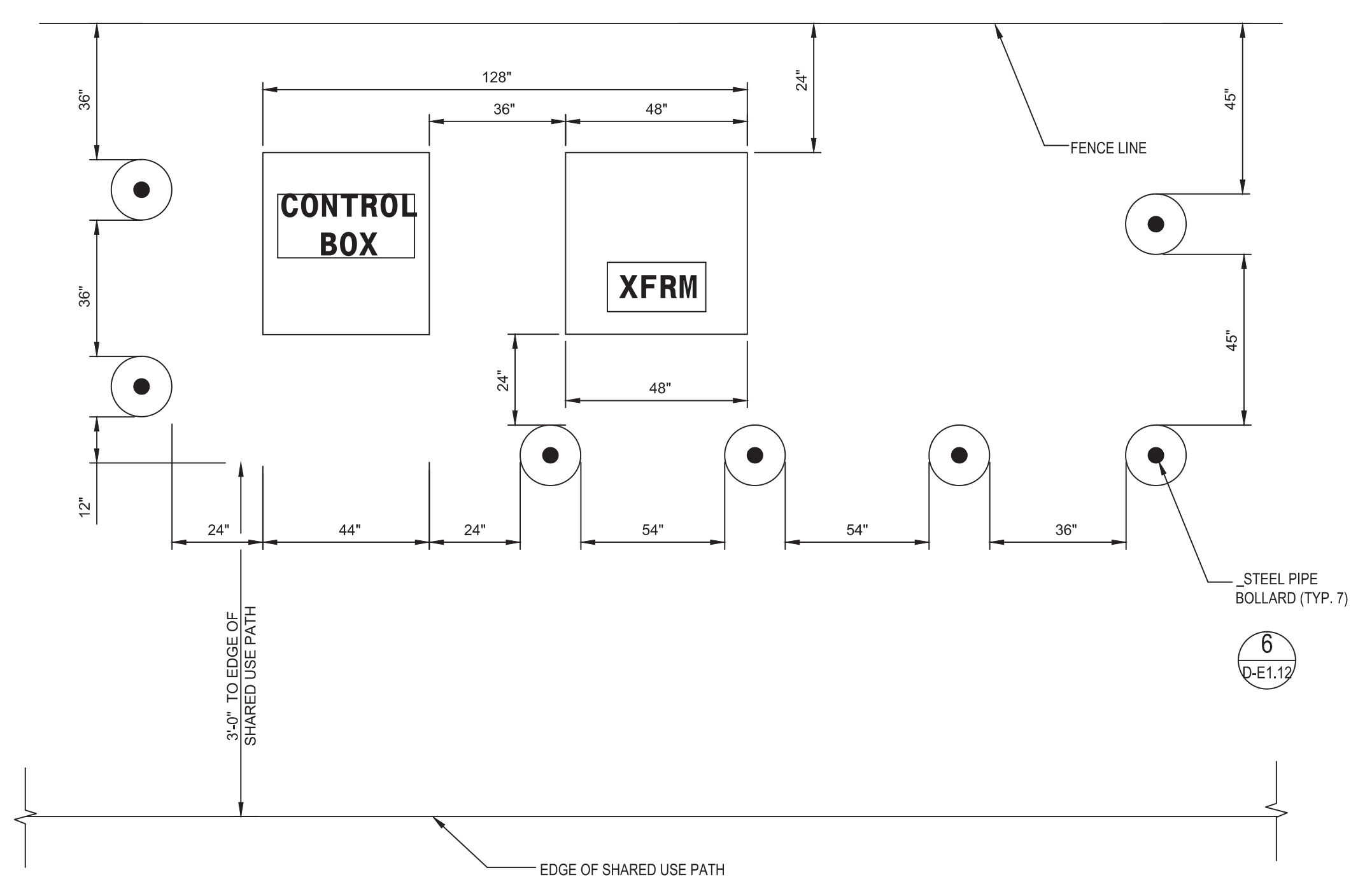
4 - CONTROL BOX, TRANSFORMER PAD FOOTPRINT



5 - CONTROL BOX, TRANSFORMER PAD FOOTPRINT



6 - STEEL PIPE BOLLARD



7 - TRANSFORMER AND CONTROL BOX LAYOUT

Dequindre Cut Phase II

Dequindre Cut
Detroit, Michigan



Owners:



City of Detroit



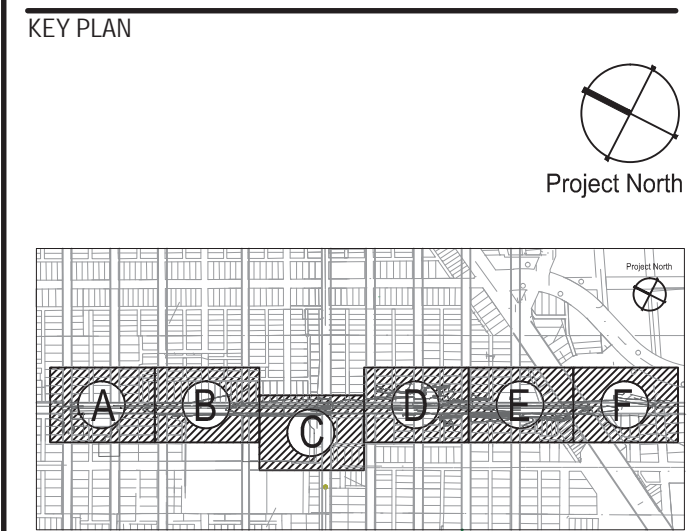
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FULL SIZE SCALE (24x36)

N/A
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PROJECT NUMBER
D-E1.12

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