

City of Detroit  
**City Engineering Division, Department of Public Works**  
**Maps and Records Bureau**

**NOTICE OF PROPOSED CHANGE IN PROPERTY**

**Date:** \_\_\_\_\_

**Petition:** \_\_\_\_\_

- |   |   |
|---|---|
| <input type="checkbox"/> AT&T Telecommunication                   |   |
| <input type="checkbox"/> Comcast Television (CATV)                | <input type="checkbox"/> Berm Use               |
| <input type="checkbox"/> Detroit Edison (DTE)                     |   |
| <input type="checkbox"/> Fire Department                          | <input type="checkbox"/> Conversion to Easement |
| <input type="checkbox"/> Great Lakes Water Authority              |   |
| <input type="checkbox"/> Land Bank Authority                      | <input type="checkbox"/> Dedication             |
| <input type="checkbox"/> Michcon (DTE)                            |   |
| <input type="checkbox"/> Planning & Development Department        | <input type="checkbox"/> Encroachment           |
| <input type="checkbox"/> Public Lighting Authority                |   |
| <input type="checkbox"/> Public Lighting Department               | <input type="checkbox"/> Outright Vacation      |
| <input type="checkbox"/> Police Department                        |   |
| <input type="checkbox"/> Solid Waste Division, DPW                | <input type="checkbox"/> Temporary Closing      |
| <input type="checkbox"/> Street Design Bureau, DPW                |   |
| <input type="checkbox"/> Street Maintenance Division, DPW         |   |
| <input type="checkbox"/> Traffic Engineering Division, DPW        |   |
| <input type="checkbox"/> Water and Sewerage Department            |   |
| <input type="checkbox"/> Detroit Thermal                          |   |
| <input type="checkbox"/> International Transmission Company (ITC) |   |

A petition drawing is attached. Property shown on the attached print is proposed to be changed as indicated. Kindly report (using the back of this sheet) the nature of your services, if any affected by the proposed change and the estimated costs of removing and rerouting such services (if necessary). If a response is not received after a second notice of proposed change has been issued DPW will make the determination to move forward with the petition.

Please return one copy to City Engineering Division, DPW within two weeks of the submittal date. Retain one copy and print for you file.

Ron Brundidge, Director, Department of Public Works

By: Richard Doherty, CED DPW  
City Engineer

**TO: City Engineering Division, DPW  
2 Woodward Ave., Suite 642  
Detroit, Michigan 48226-3462  
Survey Bureau: 313-224-3970**

**Petition: \_\_\_\_\_**

The proposed change in property (referred to on the other side of this sheet) would affect our services as follows:

- Not Involved
- Involved; but no objections to the property change.
- Involved; objection to the property change.
- Involved; the nature of our services and the estimated costs of removing and/or rerouting such services are:

**Objections, Please leave a brief explanation for any objection or the nature of an estimated cost:**

\_\_\_\_\_  
(Utility or City Department)

\_\_\_\_\_  
By

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Area code – Telephone number

Janice M. Winfrey  
City Clerk

**City of Detroit**  
OFFICE OF THE CITY CLERK

Andre P. Gilbert II  
Deputy City Clerk

**DEPARTMENTAL REFERENCE COMMUNICATION**

*Tuesday, January 19, 2021*

*To: The Department or Commission Listed Below*

*From: Janice M. Winfrey, Detroit City Clerk*

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The following petition is herewith referred to you for report and recommendation to the City Council.

In accordance with that body's directive, kindly return the same with your report in duplicate within four (4) weeks.

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LEGISLATIVE POLICY DIVISION PLANNING AND DEVELOPMENT DEPARTMENT  
LAW DEPARTMENT FINANCE DEPT/ASSESSMENTS DIVISION

**1369** *Woodward Mack 22, LLC request to encroach into the north part Erskine Street, between Woodward Avenue and John R Road, for the purpose of installing non-standard paving, landscaping and an irrigation system.*



CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERING DIVISION

COLEMAN A. YOUNG MUNICIPAL CENTER  
2 WOODWARD AVE. SUITE 601  
DETROIT, MICHIGAN 48226  
PHONE: (313) 224-3949 TTY: 711  
WWW.DETROITMI.GOV

---

To: Clerk's Office  
From: The Department of Public Works  
City Engineering Division  
MapsandRecordsBureau@DetroitMI.Gov  
(313) 224-3970

Petitioner:  
**Woodward Mack 22, LLC**  
**Represented by Neumann Smith**  
**400 Galleria Officentre, Suite 555**  
**Southfield, MI 48034**  
**248-352-8310**

On behalf of the above mentioned petitioner the Department of Public Works: City Engineering Division is submitting a petition request for the below mentioned action. The petitioner has received a project consultation from the Department of Public Works: City Engineering Division and has been advised the following:

**Type of action recommended:**

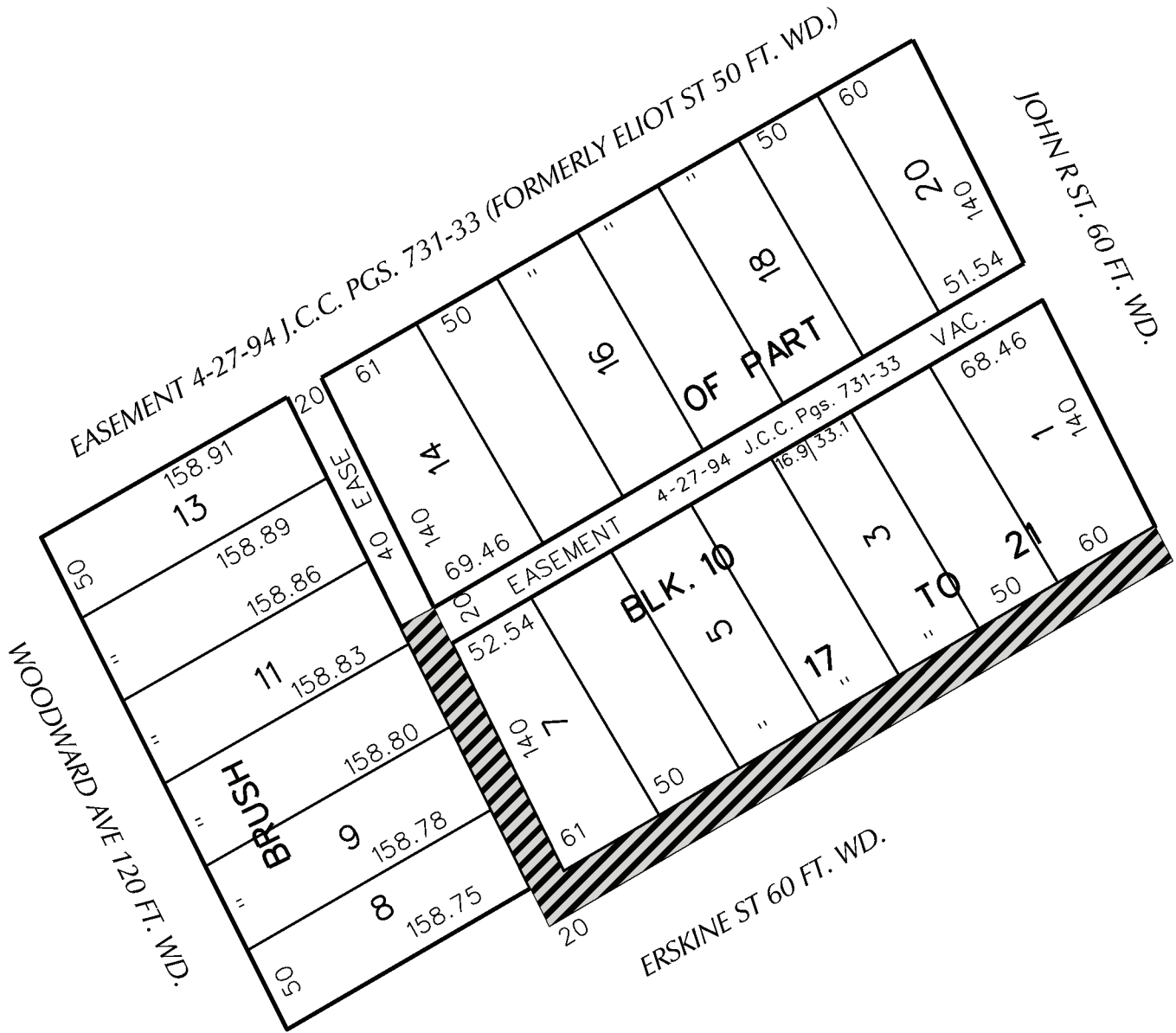
**Petition for encroachment into the north part Erskine Street, between Woodward Avenue and John R Road, for the purpose of installing non-standard paving, landscaping, and an irrigation system.**

Reviewed by:

Jered Dean  
Manager II

Maps and Records Bureau  
[MapsandRecordBureau@Detroitmi.gov](mailto:MapsandRecordBureau@Detroitmi.gov)  
313-224-3970

PETITION NO.1369  
 REPRESENTING NEUMANN SMITH 400  
 GALLERIA OFFICENTRE, SUITE 555  
 SOUTHFIELD, MICHIGAN 48034  
 248-352-8310



- ENCROACHMENT

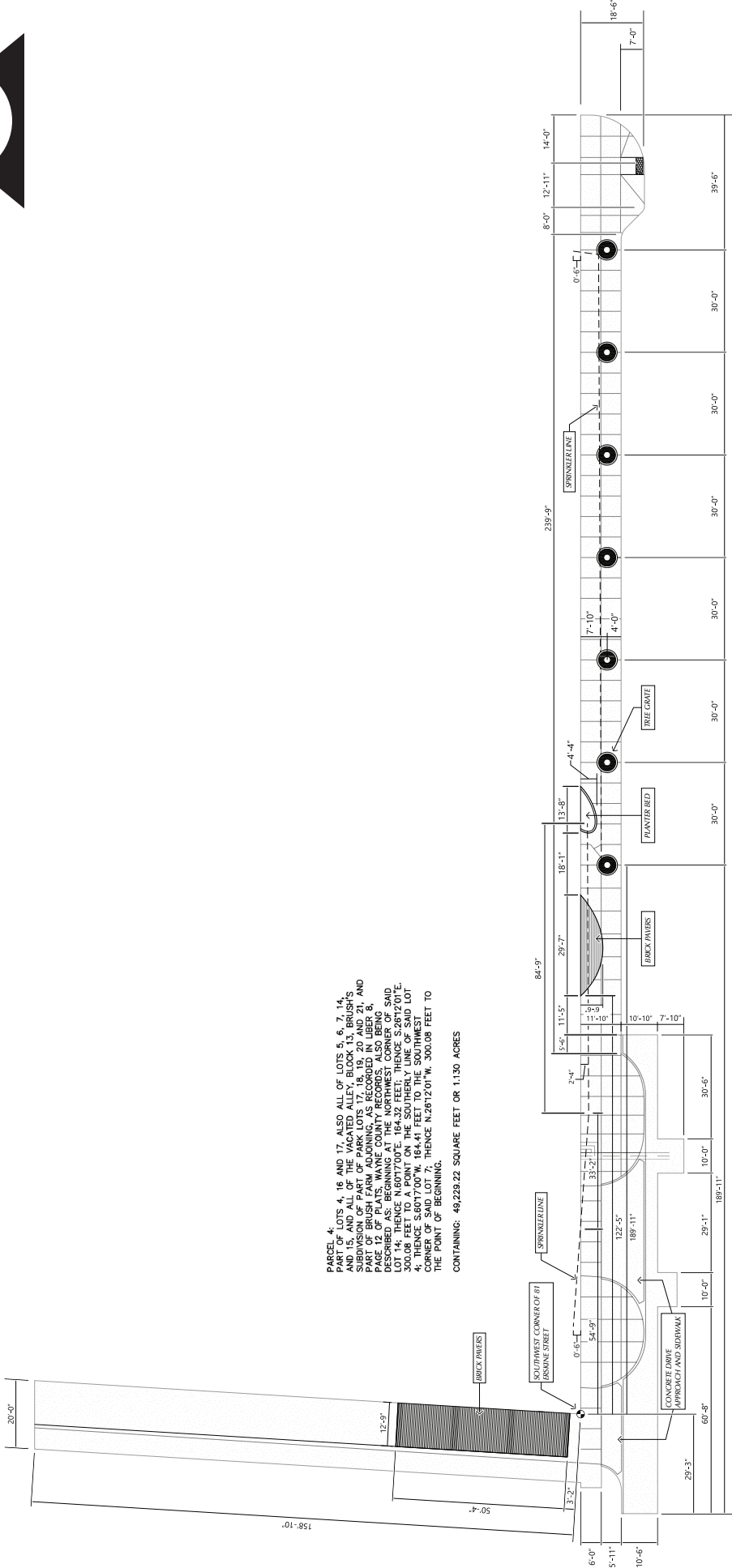
(FOR OFFICE USE ONLY)

CARTO 29 A

<b>B</b>					
	<b>A</b>				
DESCRIPTION		DRWN	CHKD	APPD	DATE
REVISIONS					
DRAWN BY		CHECKED			
DATE		APPROVED BY			
12-08-20		JD			

MULTIPLE ENCROACHMENTS IN THE  
 PUBLIC ALLEY AND R.O.W., IN THE BLOCK  
 BOUND BY JOHN R ST, ERSKINE ST,  
 WOODWARD AVE, AND THE EASEMENT  
 FORMERLY KNOWN AS ELIOT ST.

<b>CITY OF DETROIT</b>	
CITY ENGINEERING DIVISION	
SURVEY BUREAU	
JOB NO.	01-01
DRWG. NO.	X



PARCEL 4,  
 PART OF LOTS 4, 16 AND 17, ALSO ALL OF LOTS 5, 6, 7, 14,  
 AND 15, AND ALL OF THE VACATED ALLEY, BLOCK 13, BRUSH'S  
 SUBDIVISION OF PART OF PARK LOTS 5, 6, 7, 14, 15, 16, 17, 18, 19, 20 AND 21,  
 AS SHOWN ON MAPS FILED FOR RECORD IN WAYNE COUNTY RECORDS,  
 PAGE 12 OF PLATS, WAYNE COUNTY RECORDS, ALSO BEING  
 DESCRIBED AS: BEGINNING AT THE NORTHWEST CORNER OF SAID  
 LOT 4; THENCE N60°17'00" W, 164.41 FEET TO THE SOUTHWEST  
 CORNER OF SAID LOT 7; THENCE N26°12'01" W, 300.08 FEET TO  
 THE POINT OF BEGINNING.  
 CONTAINING: 49,229.22 SQUARE FEET OR 1.130 ACRES

409'-5"

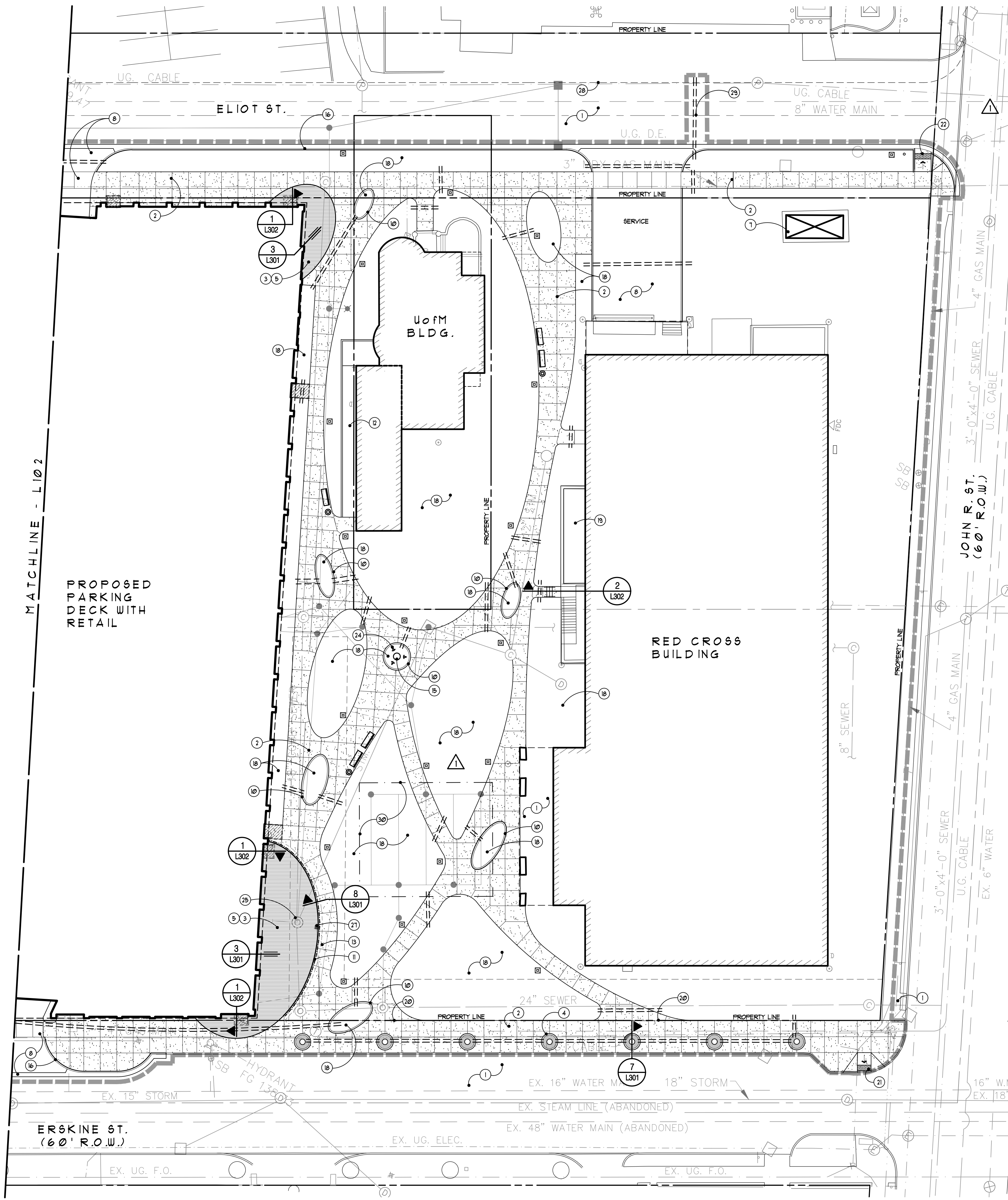
CARTO 29 A

(FOR OFFICE USE ONLY)

**MULTIPLE ENCROACHMENTS IN THE PUBLIC ALLEY AND R.O.W., IN THE BLOCK BOUND BY JOHN R ST, ERSKINE ST, WOODWARD AVE, AND THE EASEMENT FORMERLY KNOWN AS ELIOT ST.**

**CITY OF DETROIT**  
 CITY ENGINEERING DIVISION  
 SURVEY BUREAU  
 JOB NO. 01-01  
 DRWG. NO. X

DESCRIPTION	DRWN	CHKD	APPD	DATE
REVISIONS				
DRAWN BY	KJ			
DATE	12-08-20			
	CHECKED			
	APPROVED BY			
	JD			



- Legend:**
- △ LIMIT OF WORK
  - ☼ EX. LIGHT POLE TO REMAIN
  - NEW LIGHT POLE - REFER TO ELEC. PLANS
  - ⊕ EXISTING FIRE HYDRANT TO REMAIN
  - ⊕ EXISTING UTILITY STRUCTURE AND PIPING - REFER TO CIVIL PLANS
  - ⊕ PROPOSED UTILITY STRUCTURE - REFER TO CIVIL PLANS
  - ▨ SUPPORTED SLABS - REFER TO ARCHITECTURAL AND STRUCTURAL DOCUMENTS
  - AT PAVEMENT AREAS - HOLD TOP OF SLAB BELOW FINISH GRADE TO ACCEPT PAVEMENT AND SAND BED PROFILE, TYP. (1:3/4") - REFER TO TYPICAL DETAIL.
  - AT CONCRETE AREAS - BRING TOP OF SLAB FLUSH WITH FINISH GRADE AND MATCH FINISH TO SURROUNDING CONCRETE. PROVIDE FULL DEPTH EXPANSION JOINTS WITH BACKER ROD AND SEALANT AROUND THE PERIMETER OF SUPPORTED SLABS
  - ==== IRRIGATION SLEEVE - REFER TO IRRIGATION PLAN AND DETAILS
  - ⊕ BENCH AND LITTER RECEPTACLE - REFER TO SPECIFICATIONS

- Note Key:**
- 1 EXISTING PAVING TO REMAIN
  - 2 CONCRETE PAVING WITH TOOLED JOINTS - REFER TO DETAIL, TYP.
  - 3 CLAY PAVERS ON AGGREGATE BASE - REFER TO DETAIL, TYP.
  - 4 TREE GRATE IN PLANTER CURB - REFER TO DETAIL, TYP.
  - 5 CLAY PAVEMENT COLOR 'A'
  - 6 CLAY PAVEMENT COLOR 'B'
  - 7 EXISTING GENERATOR ON CONCRETE PAD TO REMAIN
  - 8 REFER TO CIVIL PLANS FOR PAVEMENT, TYP.
  - 9 CLAY PAVERS ON CONCRETE SLAB - REFER TO DETAIL
  - 10 CONCRETE PLANTER CURB - REFER TO DETAIL
  - 11 INTEGRAL RETAINING CURB AND WALK WITH 36" HEIGHT DECORATIVE ALUMINUM FENCE - REFER TO DETAIL AND SPECS.
  - 12 BARRIER FREE RAMP WITH RAILING - REFER TO ARCHITECTURAL PLANS
  - 13 LINE OF THICKENED SLAB BELOW
  - 14 POLE MOUNTED OVERHEAD LIGHTING FEATURE, TYP. - REFER TO SITE ELECTRICAL PLAN
  - 15 IDENTITY ICON / SCULPTURE BY OWNER
  - 16 CONCRETE CURB AND GUTTER - REFER TO CIVIL PLANS
  - 17 ELECTRICAL EQUIPMENT - REFER TO ELECTRICAL DOCUMENTS
  - 18 LANDSCAPE AREA, TYP. - REFER TO LANDSCAPE PLAN
  - 19 EXISTING AREAWAY
  - 20 PROPERTY LINE OVERLAPS JOINT LOCATION
  - 21 MDOT TYPE 'P' CURB RAMP - REFER TO TYP. DETAIL
  - 22 MDOT TYPE 'R' CURB RAMP - REFER TO TYP. DETAIL
  - 23 DETECTABLE WARNING SURFACE AT FLUSH CROSSWALK
  - 24 SCULPTURE UPLIGHTS BY OWNER. STUD ELEC. CONDUIT TO THIS LOCATION FOR FUTURE CONNECTION - REFER TO ELEC. DOCUMENTS
  - 25 EXISTING MANHOLE - ADJUST RIM ELEVATION TO SET BELOW PAVING. WRAP COVER WITH NON-WOVEN FILTER FABRIC. ETC. PAVERS ABOVE WITH THE INITIALS 'MSH' TO IDENTIFY MANHOLE LOCATION.
  - 26 OMITTED
  - 27 DECK DRAIN AT RETAINING CURB, TYP. - REFER TO DETAIL
  - 28 LINE OF FUTURE CURB FACE
  - 29 COORDINATE INSTALLATION OF IRRIGATION SLEEVE UNDER ELIOT ST. WITH THE BASE PREP. FOR FUTURE ROAD CONSTRUCTION.
  - 30 LIMITS OF UNDERGROUND STORM WATER DETENTION SYSTEM BELOW - REFER TO CIVIL DOCUMENTS

**General Notes:**

- 1 REFER TO TYPICAL SITE DETAILS, SHEET L301
- 2 REFER TO CIVIL DRAWINGS FOR GRADING AND DRAINAGE



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**MIXED-USE BUILDING**  
**SOUTH OF MACK AVENUE**      **DETROIT MICHIGAN USA 48201**

**GRISSIM METZ ANDRIESE**  
 ASSOCIATES  
 Landscape Architecture

300 East Cody Street  
 Northville, MI 48167  
 Ph: 248-347-7010  
 Fax: 248-347-7005  
 Email: mail@grissimmetzandriese.com

Revisions

08.12.2019 Issued for Construction  
 06.28.2019 Issued for Bulletin #1  
 01.04.2019 100% Bidding & Permitting

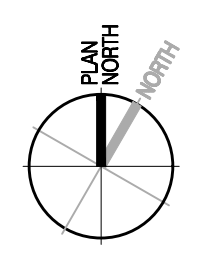
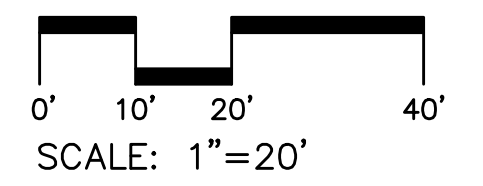
Date: 09.19.2017  
 Drawn: MS / SE  
 Checked: SE  
 Approved: PA  
 Bidpak Number: \_\_\_\_\_

Preliminary  
 Construction  
 Record

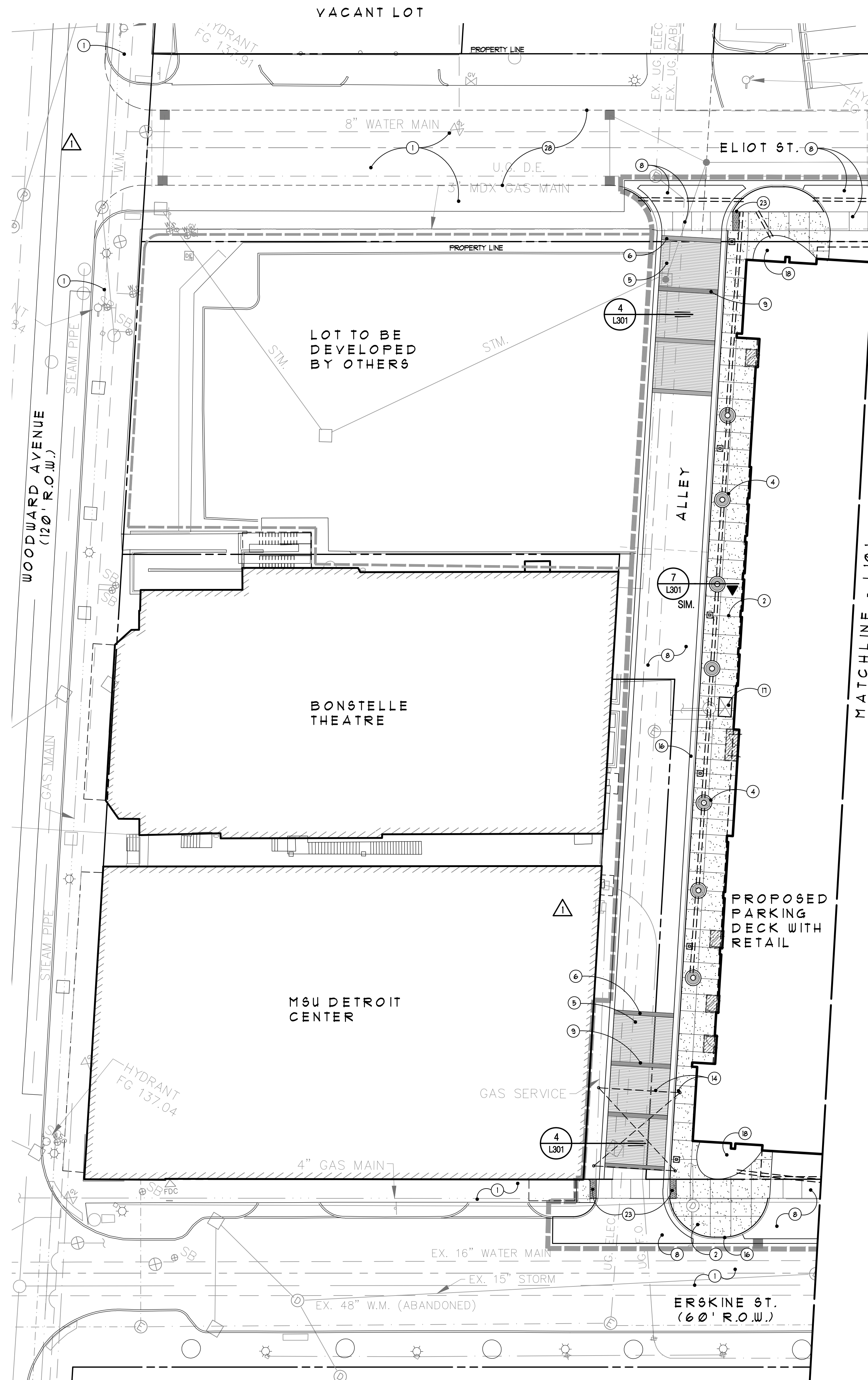
**Do not scale**  
 Use figured dimensions only

Job Number  
**N10-174**  
 Title  
**Paving Plan**

Sheet  
**L101**



H:\N10-174 SOMA Bush Park\dwg\SIN10-174\_L101-102\_Paving Plan.dwg, L101, 8/19/2019 8:48:07 AM



- Legend:**
- △ LIMIT OF WORK
  - ☼ EX. LIGHT POLE TO REMAIN
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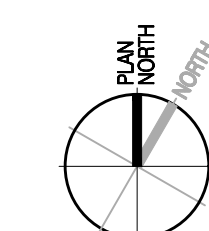
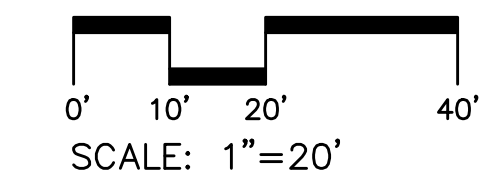
Revisions

08.12.2019 Issued for Construction  
 06.28.2019 Issued for Bulletin #1  
 01.04.2019 100% Bidding & Permitting

Date  Preliminary  
 Drawn  Construction  
 MS / SE  Record  
 Checked  Do not scale  
 SE  Use figured dimensions only  
 Approved  
 PA  
 Bidpak Number

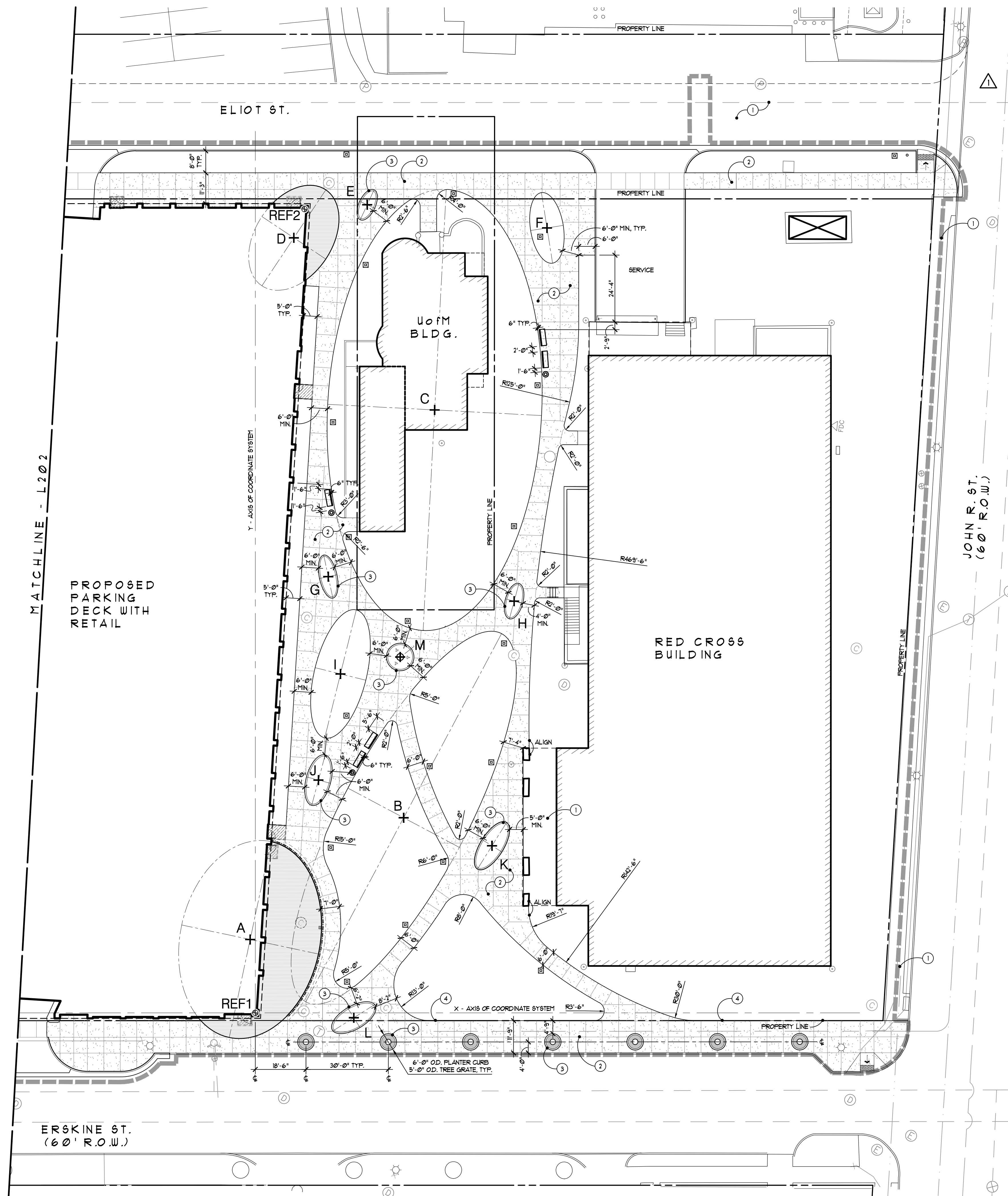
Job Number  
**N10-174**  
 Title  
**Paving Plan**

Sheet  
**L102**



H:\N10-174 SOMA Brush Park\DWG\SIN10-174\_L102\_Paving Plan.dwg, L102, 8/6/2019 6:48:14 AM





**Note Key:**

- ① EXISTING PAVEMENT TO REMAIN, TYP.
- ② CONCRETE PAVING - REFER TO DETAIL, TYP.
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- ④ ALIGN EDGE OF WALK TO PROPERTY LINE

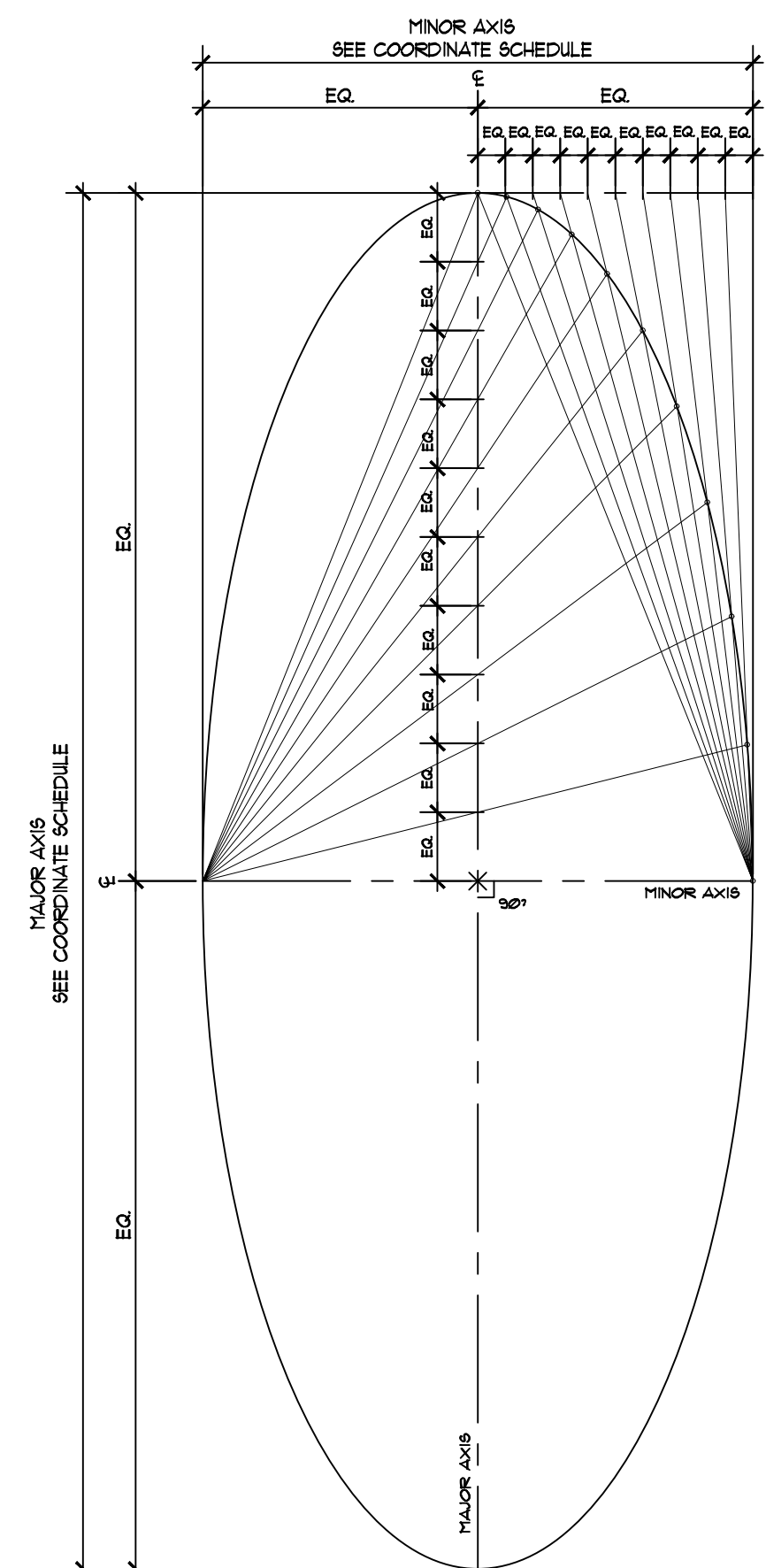
**General Notes:**

- 1. REFER TO TYPICAL SITE DETAILS, SHEET L201
- 2. REFER TO TYPICAL ELLIPSE LAYOUT DETAIL, SHEET L201
- 3. ALL DIMENSIONS SHOWN TO BACK OF CURB UNLESS NOTED

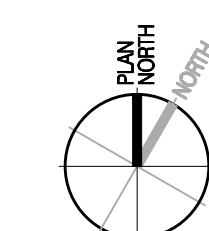
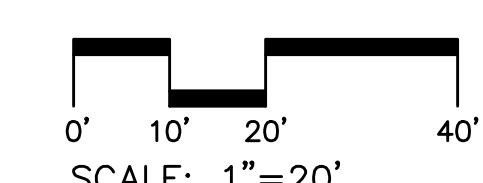
**Layout Coordinates Schedule**

STATION	DESCRIPTION	RELATIVE CENTER POINT COORDINATES (X,Y)	MAJOR AXIS ROTATION CCW NORTH OF EAST	MAJOR AXIS	MINOR AXIS
REF 1	POINT OF ORIGIN: ARCHITECTURAL REFERENCE POINT, INTERSECTION OF COLUMN LINES "9.9", "9.8", AND "10"	0,0	N/A	N/A	N/A
REF 2	ARCHITECTURAL REFERENCE POINT, INTERSECTION OF COLUMN LINES "9.9", "9.8", AND "10"	17.92 E, 292.95 N	N/A	N/A	N/A
A	PAVING ELLIPSE AND EDGE OF RETAINING WALL AT SE CORNER OF BUILDING	1.90 W, 26.75 N	78°	73'-0"	51'-0"
B	PAVING ELLIPSE AT PARK	54.08 E, 71.12 N	62°	152'-0"	46'-0"
C	PAVING ELLIPSE AROUND U OF M BUILDING	65.37 E, 219.76 N	87°	161'-0"	78'-0"
D	PAVING ELLIPSE AT NE CORNER OF BUILDING	14.04 E, 282.50 N	56.34°	42'-0"	28'-0"
E	PLANTER CURB ELLIPSE (FACE OF CURB)	40.78 E, 294.54 N	65.33°	12'-0"	6'-0"
F	PAVING ELLIPSE (LAWN AREA)	106.33 E, 286.10 N	99°	26'-0"	12'-0"
G	PLANTER CURB ELLIPSE (FACE OF CURB)	26.59 E, 159.00 N	102°	16'-0"	6'-6"
H	PLANTER CURB ELLIPSE (FACE OF CURB)	94.35 E, 150.06 N	75°	13'-4"	6'-6"
I	PAVING ELLIPSE (LAWN AREA)	31.04 E, 123.54 N	76°	48'-0"	19'-0"
J	PLANTER CURB ELLIPSE (FACE OF CURB)	23.02 E, 84.85 N	75°	19'-0"	9'-0"
K	PLANTER CURB ELLIPSE (FACE OF CURB)	86.27 E, 60.91 N	58°	20'-0"	8'-6"
L	PLANTER CURB ELLIPSE (FACE OF CURB)	35.90 E, 1.77 S	32.24°	18'-0"	8'-6"
M	PLANTER CURB CIRCLE (FACE OF CURB)	52.81 E, 129.72 N	N/A	10'-0" DIA.	N/A
N	PAVING ELLIPSE, LANDSCAPE BED	113.68 W, 9.11 N	46.50°	26'-0"	18'-0"
O	PAVING ELLIPSE, LANDSCAPE BED	93.27 W, 281.29 N	123.76°	39'-0"	22'-0"

NOTE - ESTABLISH THE LAYOUT COORDINATE SYSTEM BY SETTING REF 1 AS THE POINT OF ORIGIN AND THE X-AXIS SET PARALLEL TO THE PROPERTY LINE AND BUILDING FACE ALONG ERSKINE RD. REF 2 HAS BEEN PROVIDED TO CONFIRM GRID ALIGNMENT. CONTACT THE LANDSCAPE ARCHITECT IF ANY DISCREPANCIES SHOULD OCCUR. ELECTRONIC FILES ARE AVAILABLE UPON REQUEST.



① Typical Ellipse Layout  
NOT TO SCALE



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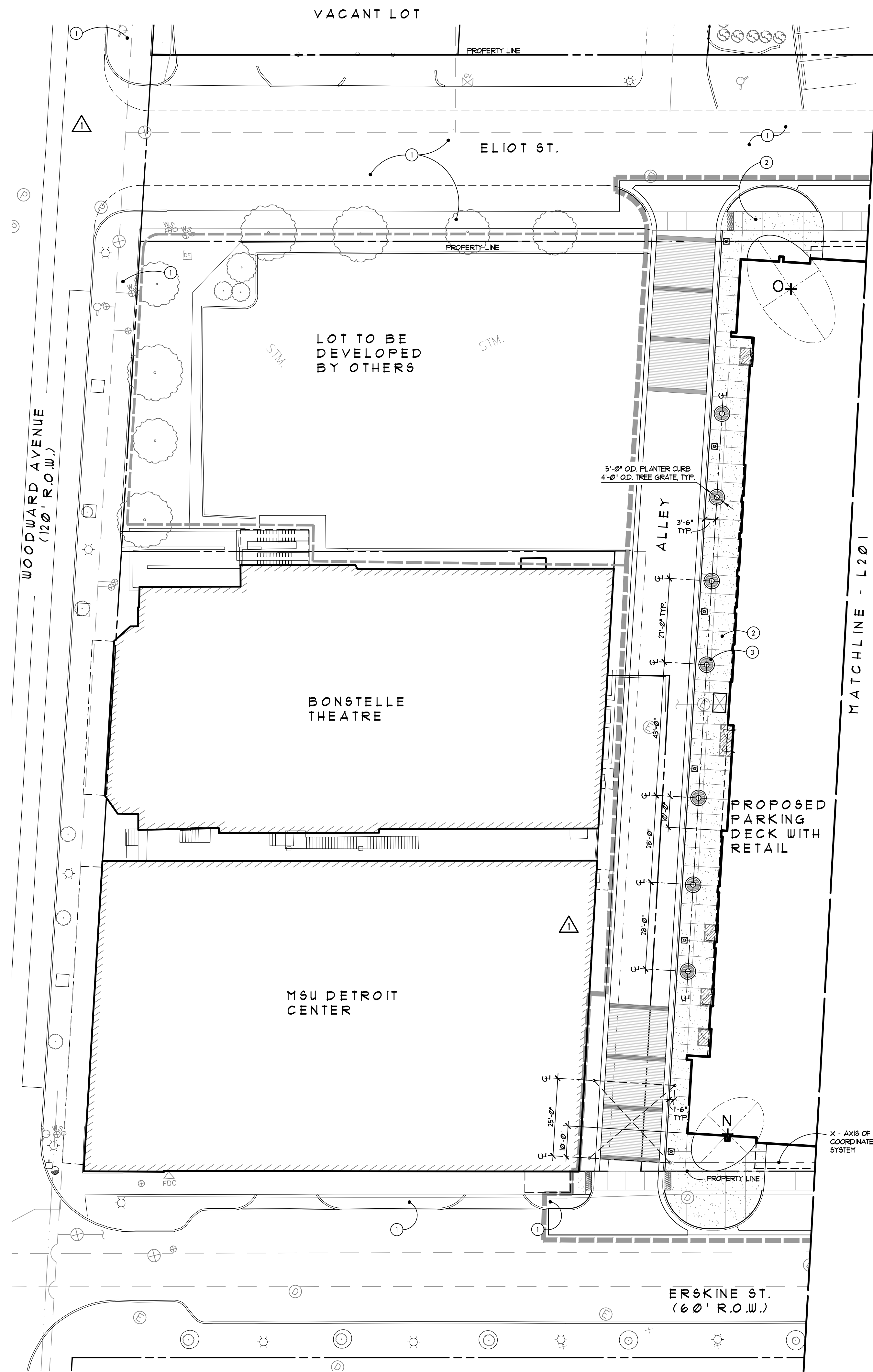
MS / SE  
Checked  Do not scale  
SE  Use figured dimensions only  
Approved  
PA  
Bidpak Number

Job Number  
**N10-174**  
Title  
**Layout Plan**

Sheet  
**L201**

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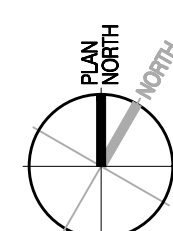
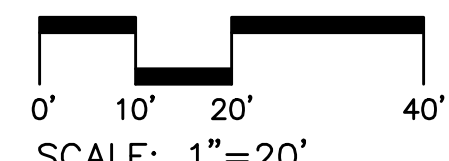


**Note Key:**

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- 1. REFER TO TYPICAL SITE DETAILS, SHEET L301
- 2. REFER TO TYPICAL ELLIPSE LAYOUT DETAIL, SHEET L201
- 3. ALL DIMENSIONS SHOWN TO BACK OF CURB UNLESS NOTED



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**DETROIT**  
**MIXED-USE BUILDING**  
**SOUTH OF MACK AVENUE**     **DETROIT MICHIGAN USA 48201**

**GRISSIM METZ ANDRIESE ASSOCIATES**  
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Revisions

08.12.2019 Issued for Construction  
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Date	<input type="checkbox"/> Preliminary
09.19.2017	<input checked="" type="checkbox"/> Construction
Drawn	<input type="checkbox"/> Record
MS / SE	
Checked	Do not scale
SE	Use figured dimensions only
Approved	
PA	
Bidpak Number	

Job Number  
**N10-174**  
 Title  
**Layout Plan**

Sheet  
**L202**

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**MIXED-USE BUILDING**

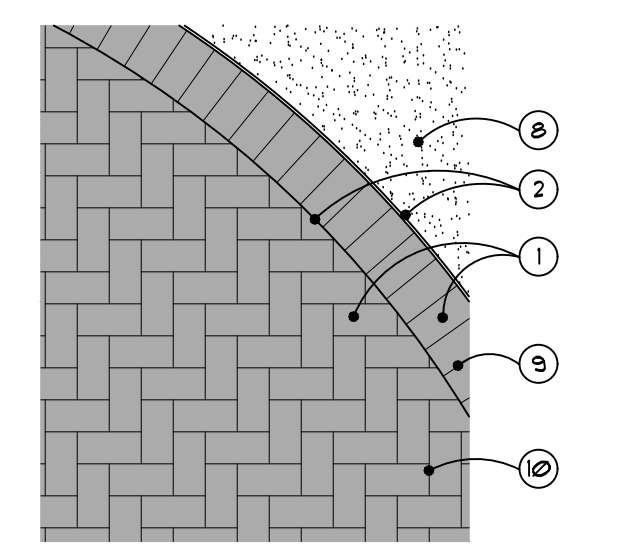
**SOUTH OF MACK AVENUE**      **DETROIT MICHIGAN USA 48201**

**GRISSIM METZ ANDRIESE**  
ASSOCIATES

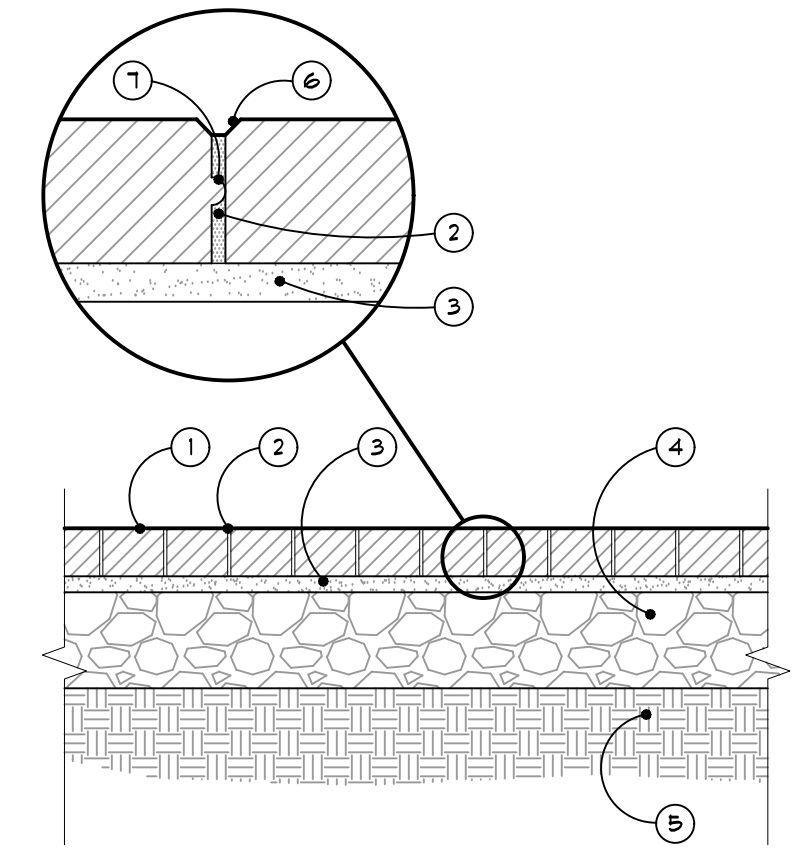
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Revisions

- 1 STANDARD CLAY PAVERS, COLOR 'A' - SEE SPECIFICATIONS
- 2 POLYMERIC SAND JOINT, TYP. - SEE SPECIFICATIONS
- 3 COMPACTED 1" MIN. SAND SETTING BED, SCREED LEVEL
- 4 6" DEPTH 21AA CRUSHED LIMESTONE GRANULAR BASE COMPACTED TO 95% MODIFIED PROCTOR
- 5 COMPACTED SUBGRADE TO 95% MODIFIED PROCTOR
- 6 BEVEL EDGE
- 7 SPACING LUGS ON PAVEMENT EDGE - SEE SPECIFICATIONS
- 8 ADJACENT CONCRETE PAVING
- 9 CONTINUOUS SOLDIER COURSE BORDER
- 10 HERRINGBONE FIELD

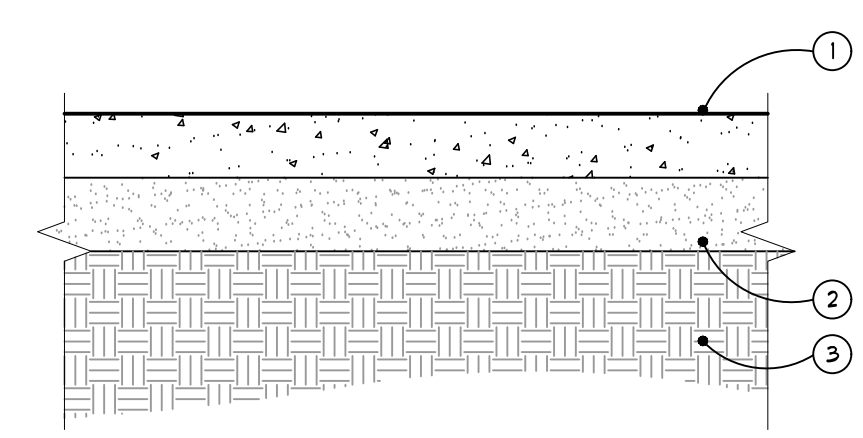


Pattern Enlargement  
SCALE: 1/2" = 1'-0"

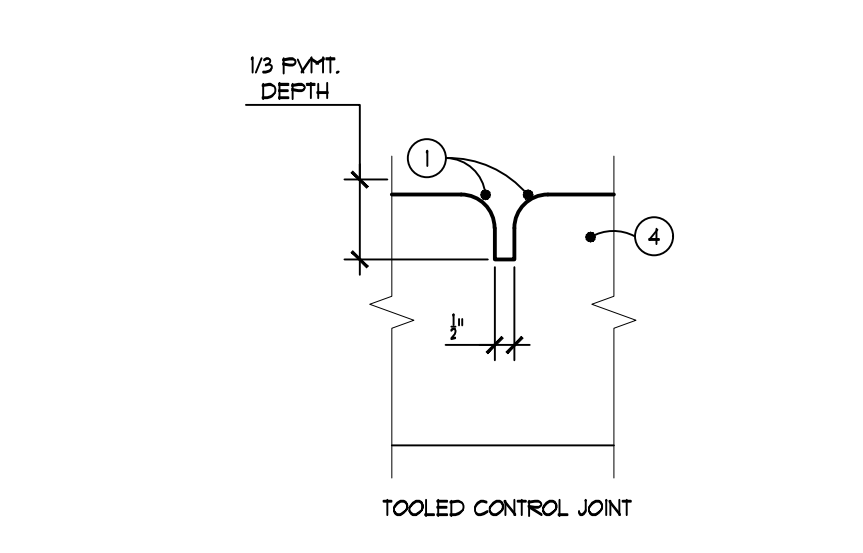
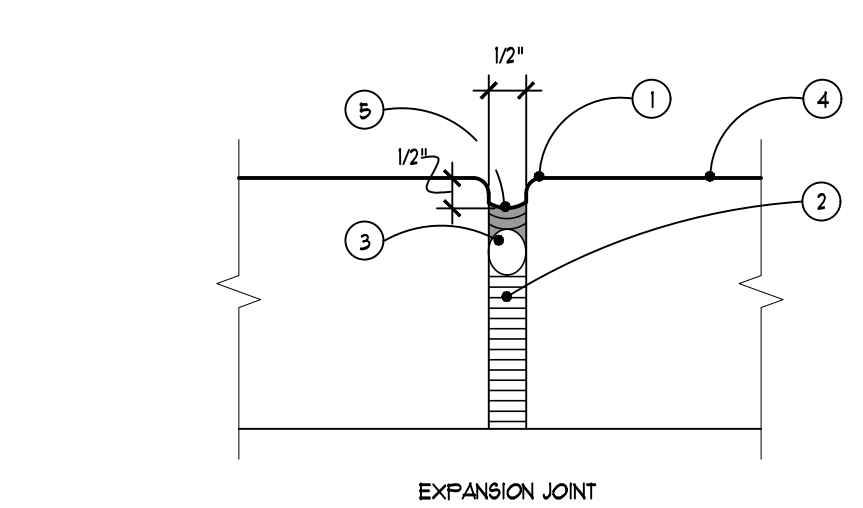


Section  
SCALE: 1" = 1'-0"

**3 Typical Clay Pavers on Granular Base Detail (Pedestrian)**  
AS NOTED



**2 Typical Concrete Pavement Detail (Pedestrian)**  
SCALE: 1" = 1'-0"



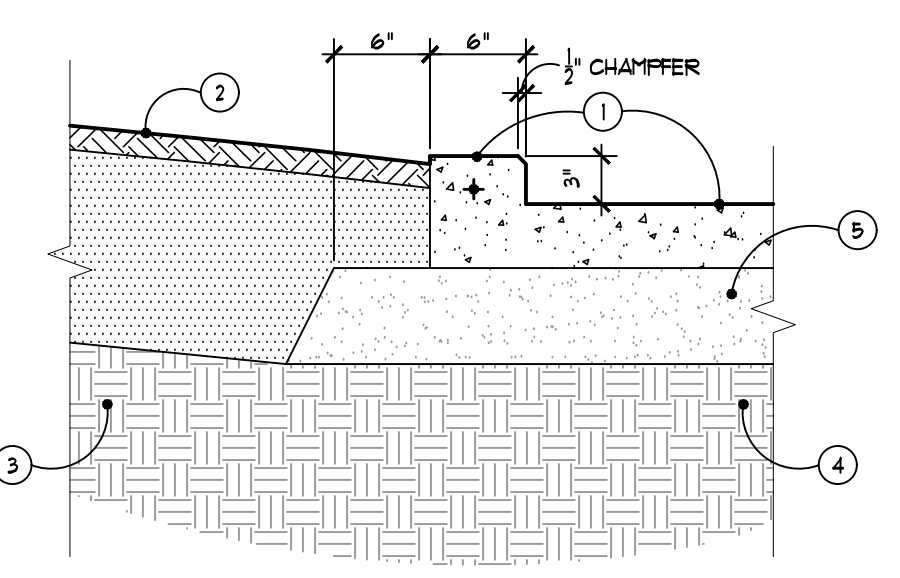
**1 Typical Expansion and Control Joint Details**  
NOT TO SCALE

- 1 4" TH. POURED CONCRETE PAVEMENT WITH MEDIUM BROOM FINISH (SEE PLAN FOR LOCATIONS)
- 2 4" MIN. DEPTH SAND BASE, COMPACTED TO 95% MODIFIED PROCTOR
- 3 COMPACTED SUBGRADE TO 95% MODIFIED PROCTOR

- 1 1/2" TOOLED RADIUS (SMOOTH)
- 2 EXPANSION JOINT FILLER - HOLD 1 1/2" BELOW SURFACE
- 3 BACKER ROD - REFER TO SPECIFICATIONS
- 4 TYPICAL CONCRETE PAVEMENT
- 5 SEALANT COLOR TO MATCH ADJACENT PAVEMENT, HOLD 1/2" BELOW SURFACE. SUBMIT SAMPLES AND PRODUCT INFO FOR APPROVAL - REFER TO SPECIFICATIONS

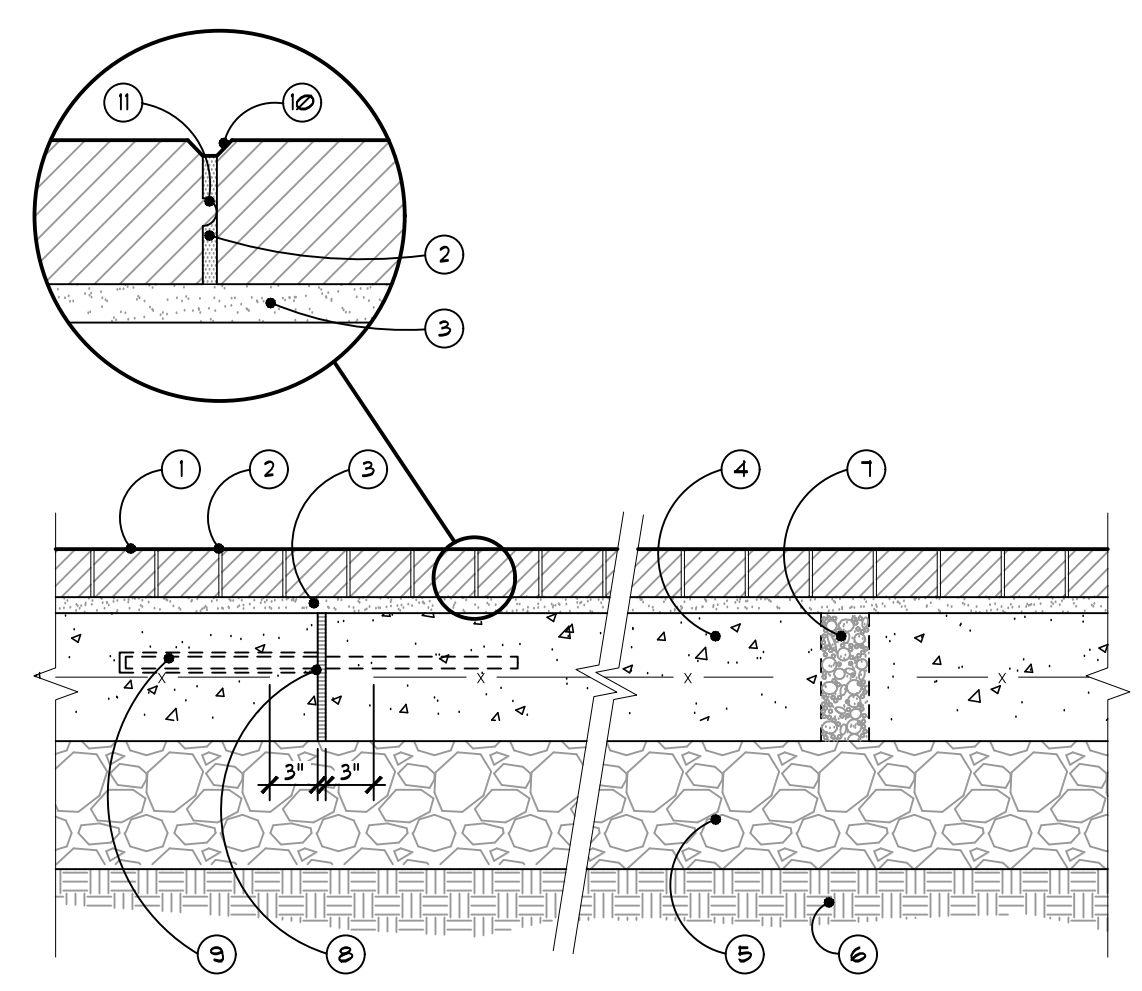
NOTES  
1. EXPANSION JOINTS SHALL BE LOCATED WITHIN CONCRETE PAVEMENT AS SHOWN ON PLANS, ABUTTING EXISTING CONCRETE PAVING, EXISTING AND NEW CURBS OR PLANTERS, BETWEEN NEW CONCRETE POURS, BETWEEN NEW CONCRETE AND EXISTING FIXED OBJECTS, OR AS NOTED OTHERWISE.  
2. PROVIDE FULL DEPTH EXPANSION JOINT FABRIC WITH BACKER ROD AND SEALANT BETWEEN ALL PAVING SYSTEMS AND BUILDING FACADES.  
3. CONTROL JOINT TYPE TO MATCH EXISTING ABUTTING PAVING UNLESS OTHERWISE NOTED.

- 1 TYPICAL CONCRETE SIDEWALK WITH INTEGRALLY FORMED PLANTER CURB WITH (1) #4 REBAR CONTINUOUS. PROVIDE MEDIUM BROOM FINISH AND SAUCUT VERTICAL CONTROL SCORE JOINTS EVERY 4' O.C.
- 2 LANDSCAPE AREA
- 3 COMPACTED SUBGRADE TO 95% MODIFIED PROCTOR UNDER PLANT BED
- 4 COMPACTED SUBGRADE TO 95% MODIFIED PROCTOR UNDER PAVING AND CURBS
- 5 4" DEPTH SAND BASE COMPACTED TO 95% MODIFIED PROCTOR

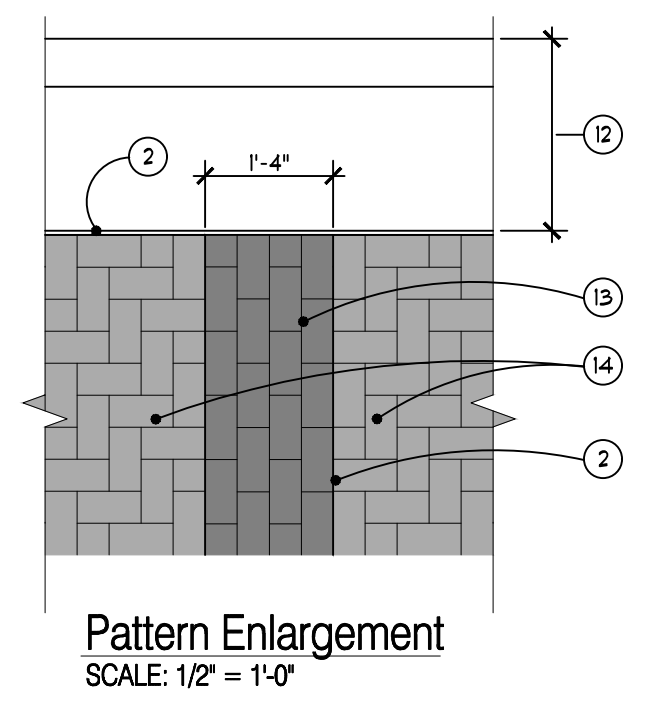


**6 Typical Concrete Planter Curb Detail**  
SCALE: 1" = 1'-0"

- 1 JUMBO CLAY PAVERS - SEE SPECIFICATIONS
- 2 POLYMERIC SAND JOINT, TYP. - SEE SPECIFICATIONS
- 3 COMPACTED 1" MIN. SAND SETTING BED, SCREED LEVEL
- 4 8" REINFORCED CONCRETE SLAB BASE WITH 6x6 W3x12.5 UWF
- 5 8" DEPTH 21AA CRUSHED LIMESTONE GRANULAR BASE COMPACTED TO 95% MODIFIED PROCTOR
- 6 COMPACTED SUBGRADE TO 95% MODIFIED PROCTOR
- 7 DRAIN WEEPS - INSTALL 3/4" PVC DRAIN WEEPS @ 5'-0" O.C. CAST INTO CONCRETE AT TIME OF POUR, FILL W/ PEASTONE
- 8 TYPICAL EXPANSION JOINT, W/ EXPANSION JOINT FILLER LOCATIONS PER SPECIFICATIONS
- 9 24" L. 3/4" REINF. DOUELS (SLEEVE ONE SIDE) @ 24" O.C.
- 10 BEVEL EDGE
- 11 SPACING LUGS ON PAVEMENT EDGE
- 12 CONCRETE CURB AND GUTTER - REFER TO CIVIL DOCUMENTS
- 13 PAVEMENT ACCENT BAND, COLOR 'B', IN A RUNNING BOND PATTERN PERPENDICULAR TO THE FLOW OF TRAFFIC
- 14 PAVEMENT FIELD, COLOR 'A', IN A HERRINGBONE PATTERN



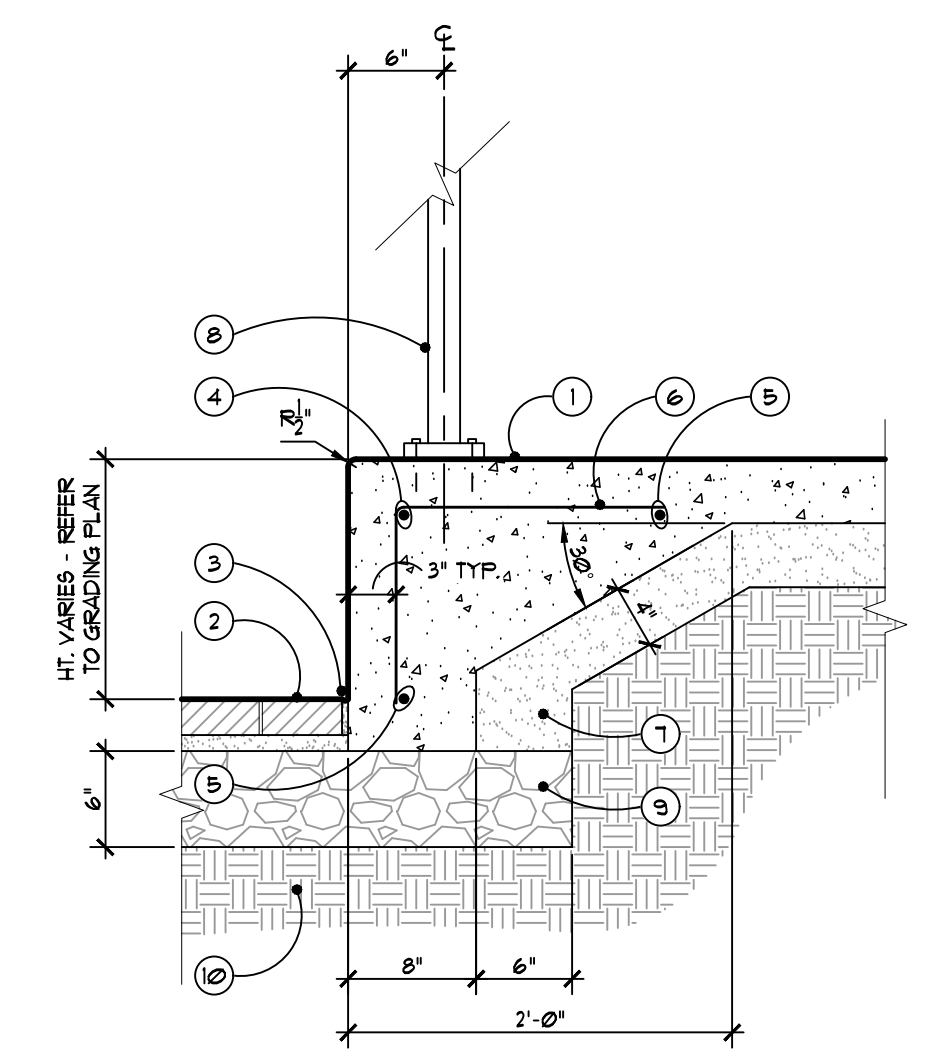
Section  
SCALE: 1" = 1'-0"



Pattern Enlargement  
SCALE: 1/2" = 1'-0"

**4 Typical Clay Pavers on Concrete Base Detail (Vehicular)**  
SCALE: 1" = 1'-0"

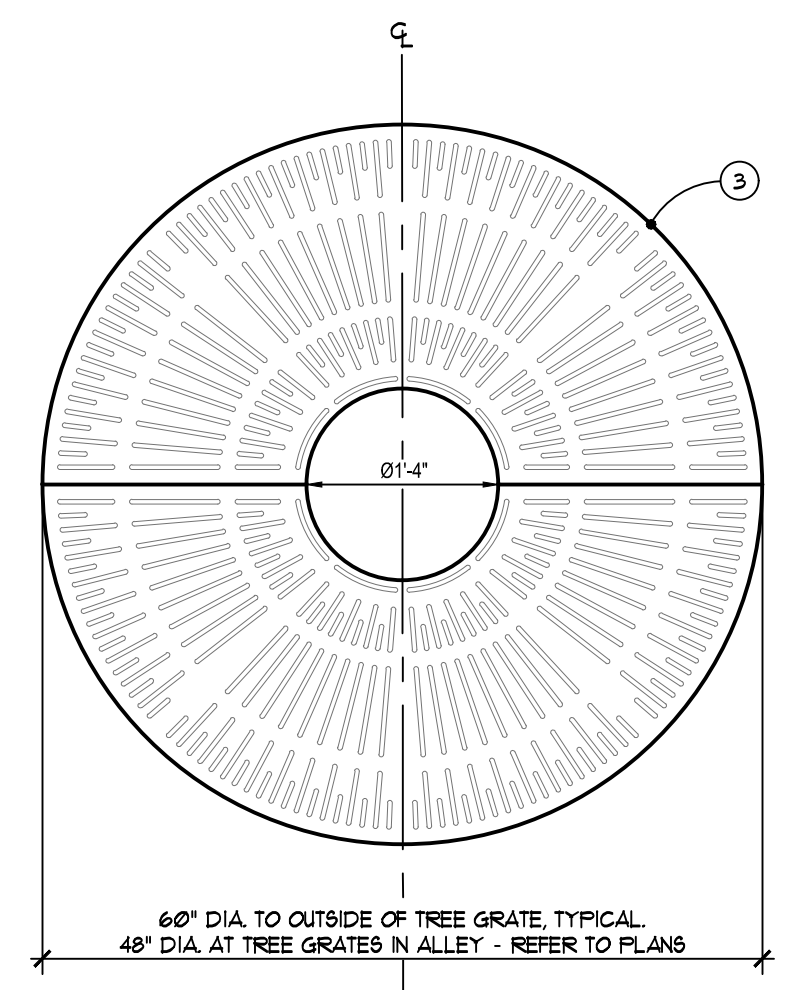
- 1 TYPICAL CONCRETE PAVEMENT - REFER TO DETAIL. THICKEN EDGE TO FORM VARIABLE HT. CURB ADJACENT TO PAVERS
- 2 TYPICAL CLAY PAVERS ON GRANULAR BASE - REFER TO DETAIL
- 3 3/8" SAND JOINT - SEE SPECS
- 4 #4 BAR, CONTINUOUS
- 5 #4 BARS, CONTINUOUS WHERE CURB HEIGHT EXCEEDS 12"
- 6 #4 BARS AT 12" O.C. WHERE CURB HEIGHT EXCEEDS 12"
- 7 4" MIN. DEPTH SAND BASE, COMPACTED TO 95% MODIFIED PROCTOR
- 8 ORNAMENTAL FENCE POST SURFACE MOUNTED TO INTEGRAL CURB AND WALK WITH STAINLESS STEEL CONCRETE ANCHORS REFER TO SPECS
- 9 EXTEND GRANULAR BASE OF PAVERS BEYOND THICKENED EDGE OF INTEGRAL CURB AND WALK, COMPACT TO 95% MODIFIED PROCTOR
- 10 COMPACTED SUBGRADE TO 95% MODIFIED PROCTOR



**8 Fence Post At Integral Curb and Walk Detail**  
SCALE: 1" = 1'-0"

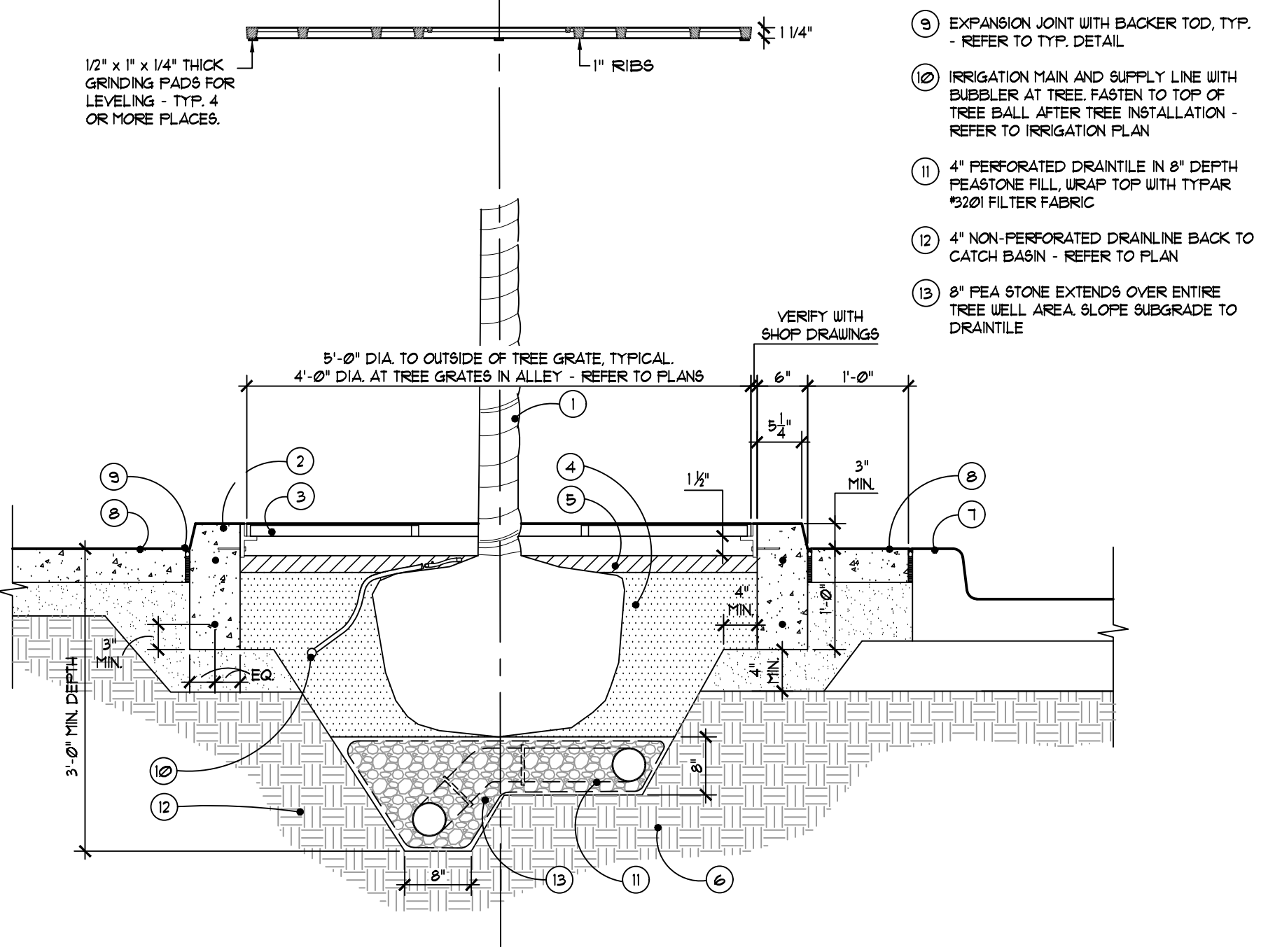
**Note Key:**

- 1 DECIDUOUS TREE - SET TREE PLUMB IN PLANTING PIT
- 2 ROUND CONCRETE TREE GRATE CURB WITH #4 REBAR (CONT.). COORDINATE INSIDE DIAMETER OF CURB WITH OUTSIDE DIAMETER OF TREE GRATE FRAME PER MANUFACTURER'S SHOP DRAWINGS.
- 3 TREE GRATE AND FRAME. PROVIDE COMPLETE SHOP DRAWINGS FOR REVIEW AND APPROVAL.  
MANUFACTURED BY: IRONSMITH  
MATERIAL: CAST IRON  
FINISH: UNFINISHED  
60" ROUND GRATE, 16" TREE OPENING, 2 HALVES, STARBURST 2 SERIES, PRODUCT #60T-2 WITH FRAME #60DF-2  
48" ROUND GRATE, 16" TREE OPENING, 2 HALVES, STARBURST 2 SERIES, PRODUCT #48T-2 WITH FRAME #48DF-2



1/2" x 1/4" THICK GRINDING PADS FOR LEVELING - TYP. 4 OR MORE PLACES.

- 4 PLANT MIX (SEE SPECS)
- 5 2" DEPTH 3/4" CLEAR CRUSHED STONE MULCH, HOLD 1/2" BELOW GRADE AND OFF OF TRUNK
- 6 COMPACT SUBGRADE BENEATH TREE PIT TO 95% MODIFIED PROCTOR
- 7 CONCRETE ROAD CURB - REFER TO CIVIL
- 8 CONCRETE WALK, TYP. - REFER TO TYP. DETAILS
- 9 EXPANSION JOINT WITH BACKER ROD, TYP. - REFER TO TYP. DETAIL
- 10 IRRIGATION MAIN AND SUPPLY LINE WITH BUBBLER AT TREE. FASTEN TO TOP OF TREE BALL AFTER TREE INSTALLATION - REFER TO IRRIGATION PLAN
- 11 4" PERFORATED DRANTILE IN 8" DEPTH PEASTONE FILL. WRAP TOP WITH TYPAR 520L FILTER FABRIC
- 12 4" NON-PERFORATED DRAINLINE BACK TO CATCH BASIN - REFER TO PLAN
- 13 8" PEASTONE EXTENDS OVER ENTIRE TREE WELL AREA. SLOPE SUBGRADE TO DRANTILE



**7 Typical Tree Grate in Planter Curb Detail**  
SCALE: 3/4" = 1'-0"

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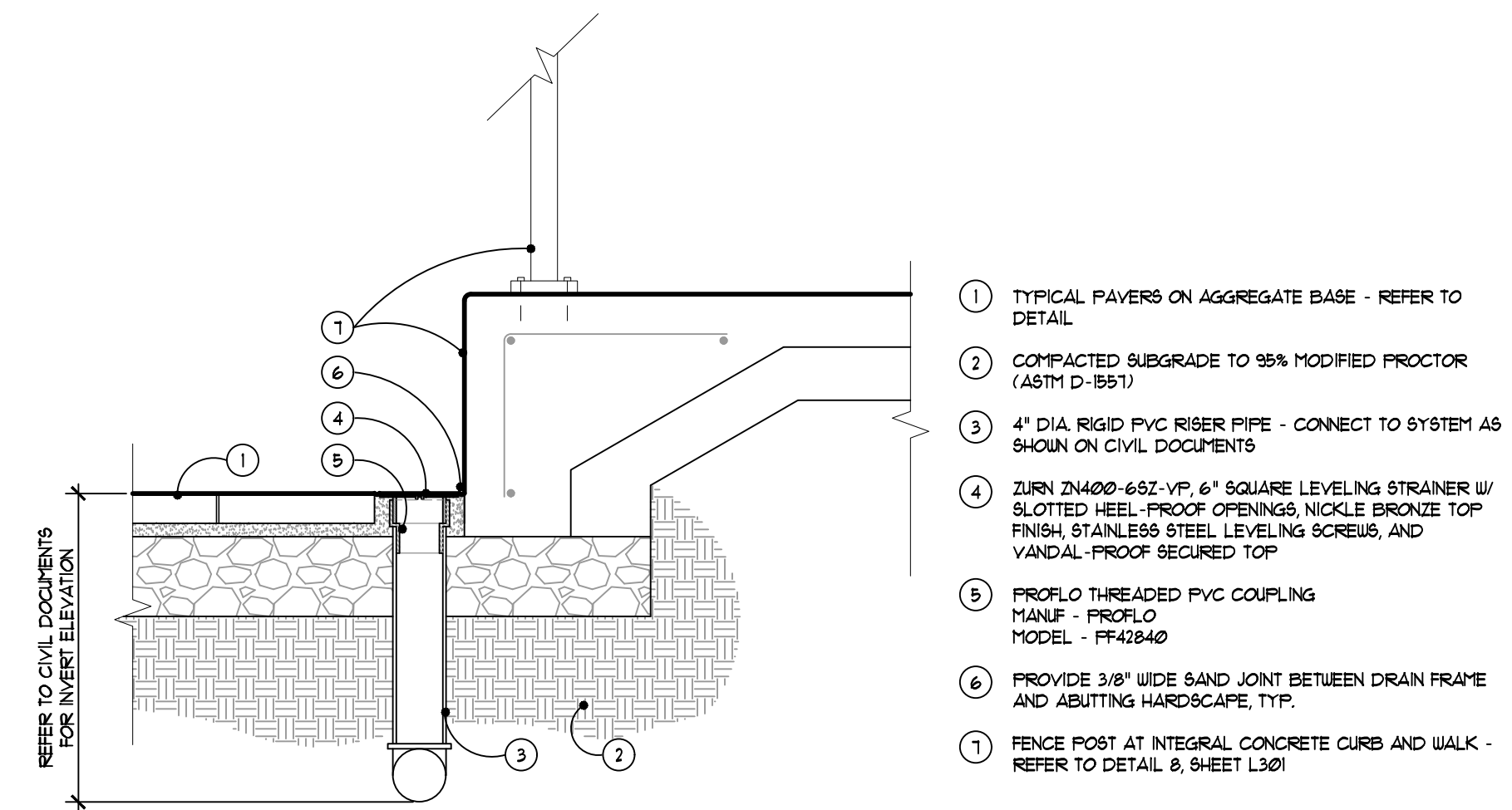
**GRISSIM METZ ANDRIESE** ASSOCIATES

Landscape Architecture

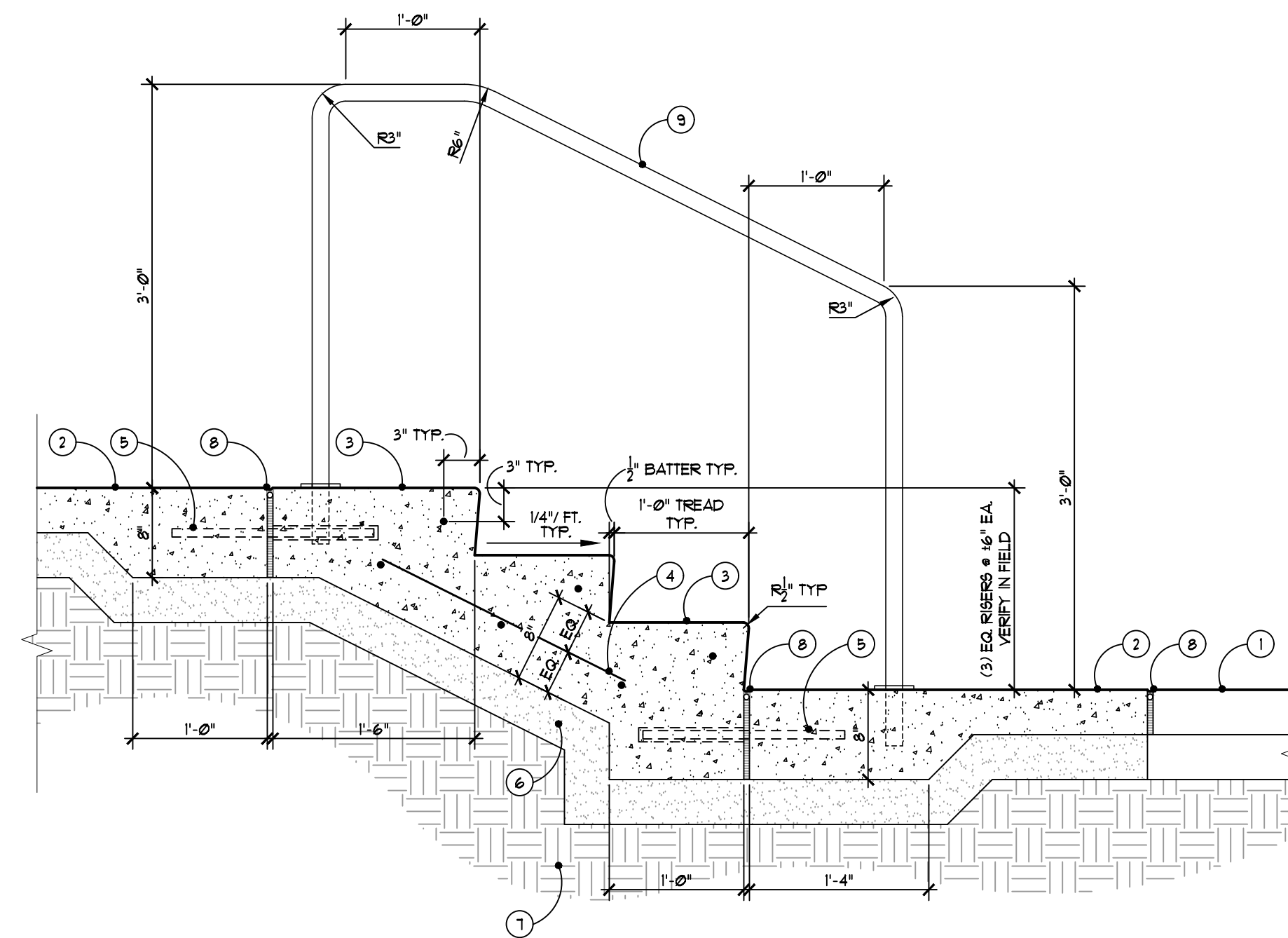
300 East Cady Street  
Northville, MI 48167

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Email: mail@grm-la.com

Revisions



**3** Typical Storm Deck Drain In Pavers  
SCALE: 1" = 1'-0"



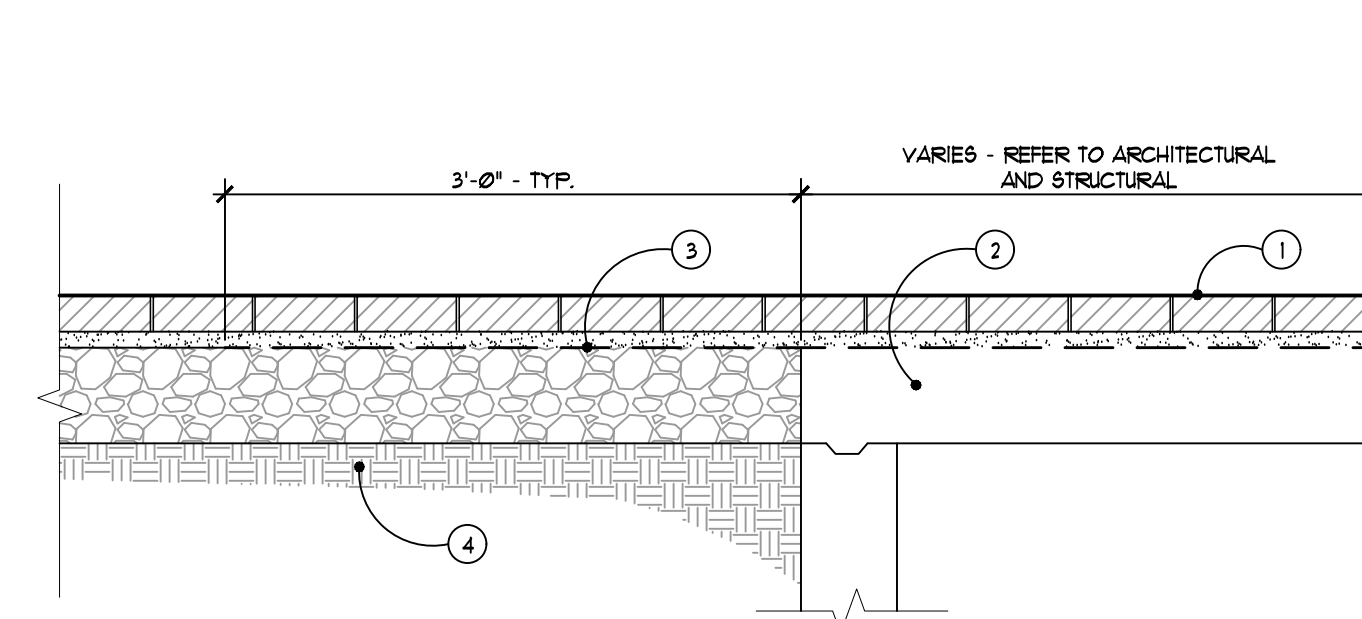
**Note Key:**

- 1 EXISTING CONCRETE SLAB
- 2 CONCRETE PAVING - REFER TO TYPICAL DETAIL. THICKEN SLAB AS SHOWN AND DOUEL TO CONCRETE STEPS
- 3 REINFORCED CONCRETE STEPS WITH #3 BAR NOSING, BROOM FINISH PERPENDICULAR TO PATH OF TRAVEL
- 4 #4 REBAR AT 12" O.C. BOTH WAYS
- 5 1/2" DIA. X 18" LONG EPOXY COATED STEEL DOUEL WITH CAP, 18" O.C. TYP.
- 6 4" MIN. SAND BASE COMPACTED TO 95% MODIFIED PROCTOR
- 7 EXISTING SUBGRADE, COMPACT TO 95% MODIFIED PROCTOR
- 8 1/2" EXPANSION JOINT WITH BACKER ROD AND SEALANT - REFER TO TYPICAL DETAIL
- 9 1 1/2" DIA. STAINLESS STEEL HANDRAIL, CORE DRILL CONCRETE STEP 5" DEEP AND SET POST WITH NON-SHRINK EPOXY GROUT.

**General Notes:**

1. CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS OF FABRICATION AND INSTALLATION FOR REVIEW AND APPROVAL. INCLUDE IN SUBMITTAL STRUCTURAL COMPUTATIONS EVIDENCING COMPLIANCE OF HANDRAILS W/DESIGN LOADS INDICATED. HANDRAILS SHALL BE CAPABLE OF WITHSTANDING CONCENTRATED LOAD OF 200 LBS. AND UNIFORM LOAD OF 50 LBS. PER LINEAR FT. APPLIED AT ANY POINT NON CONCURRENTLY VERTICALLY DOWNWARD OR HORIZONTALLY.
2. STAINLESS STEEL HANDRAIL COVER PLATES AND SUPPORTS TO BE TYPE 304, SCHEDULE 5, 1/4" FINISH (BRUSHED), ASTM A312, ALL WELDS SHALL BE GRIND TO SMOOTH FINISH. SUBMIT A 6" LONG SAMPLE FOR REVIEW AND APPROVAL.

**2** Concrete Steps with Handrail  
SCALE: 1" = 1'-0"



**1** Typical Clay Brick Pavers Over Supported Slabs  
SCALE: 1" = 1'-0"

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Checked **SE**  Do not scale  Use figured dimensions only  
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Job Number  
**N10-174**  
Title  
**Site Details**

Sheet  
**L302**



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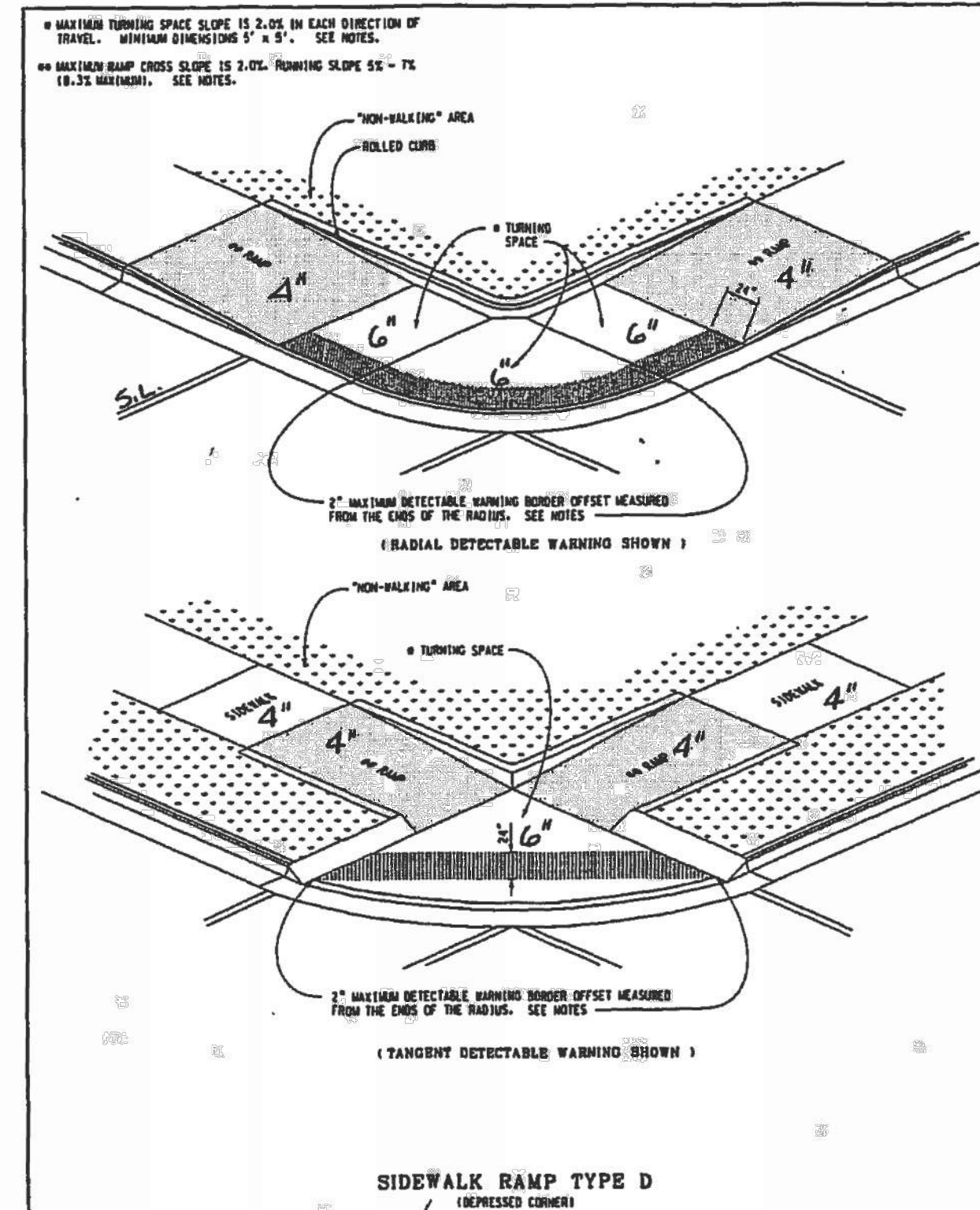
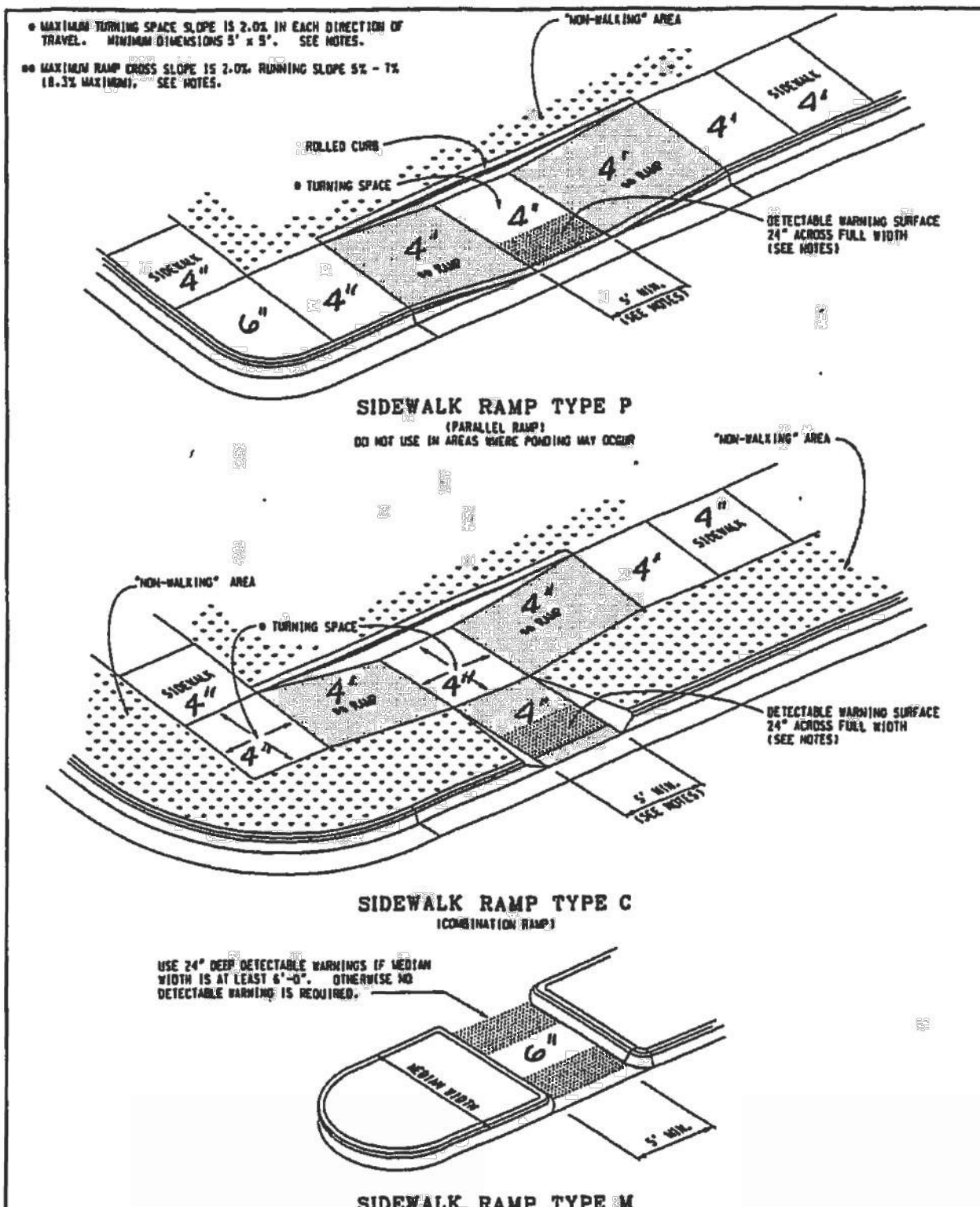
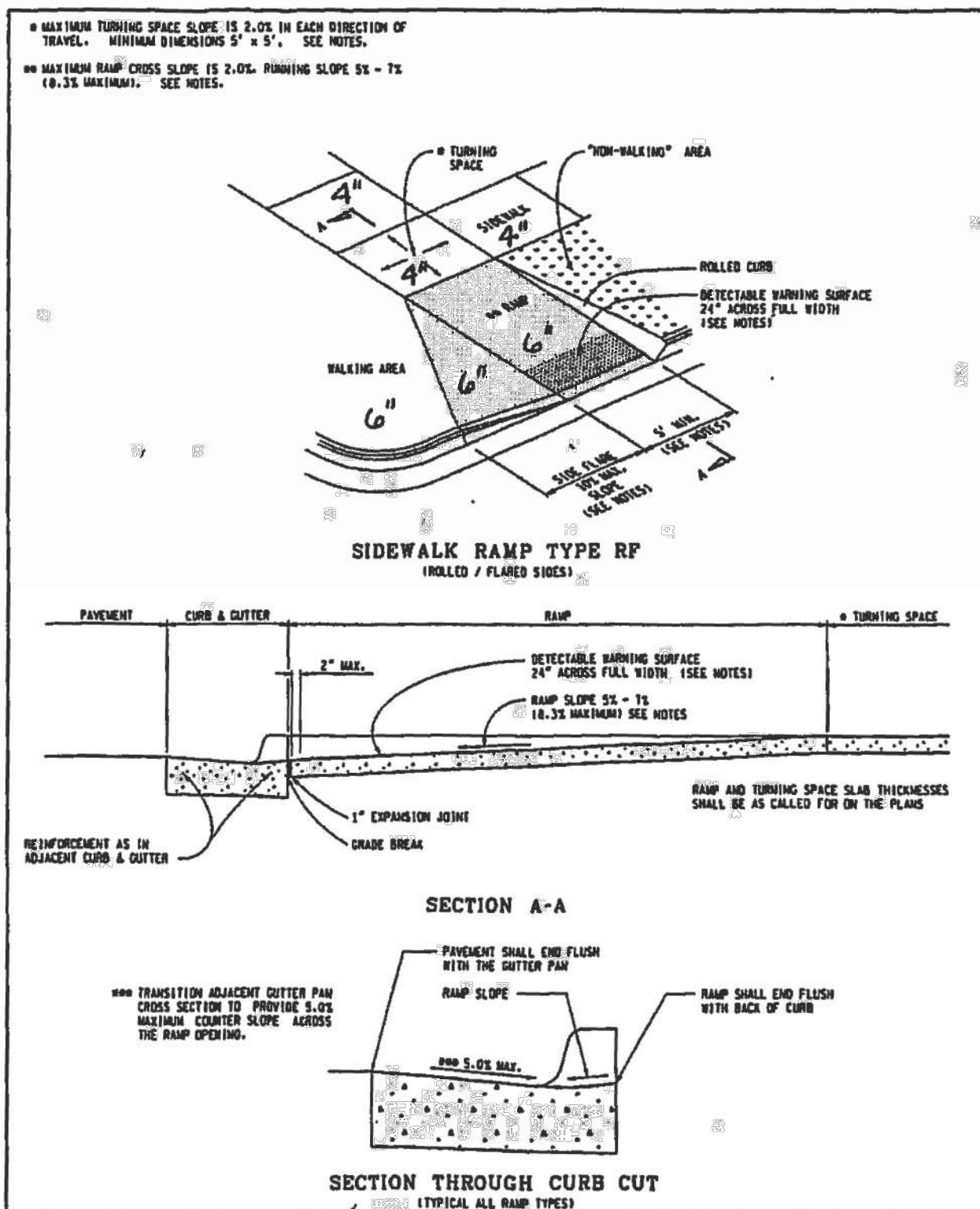
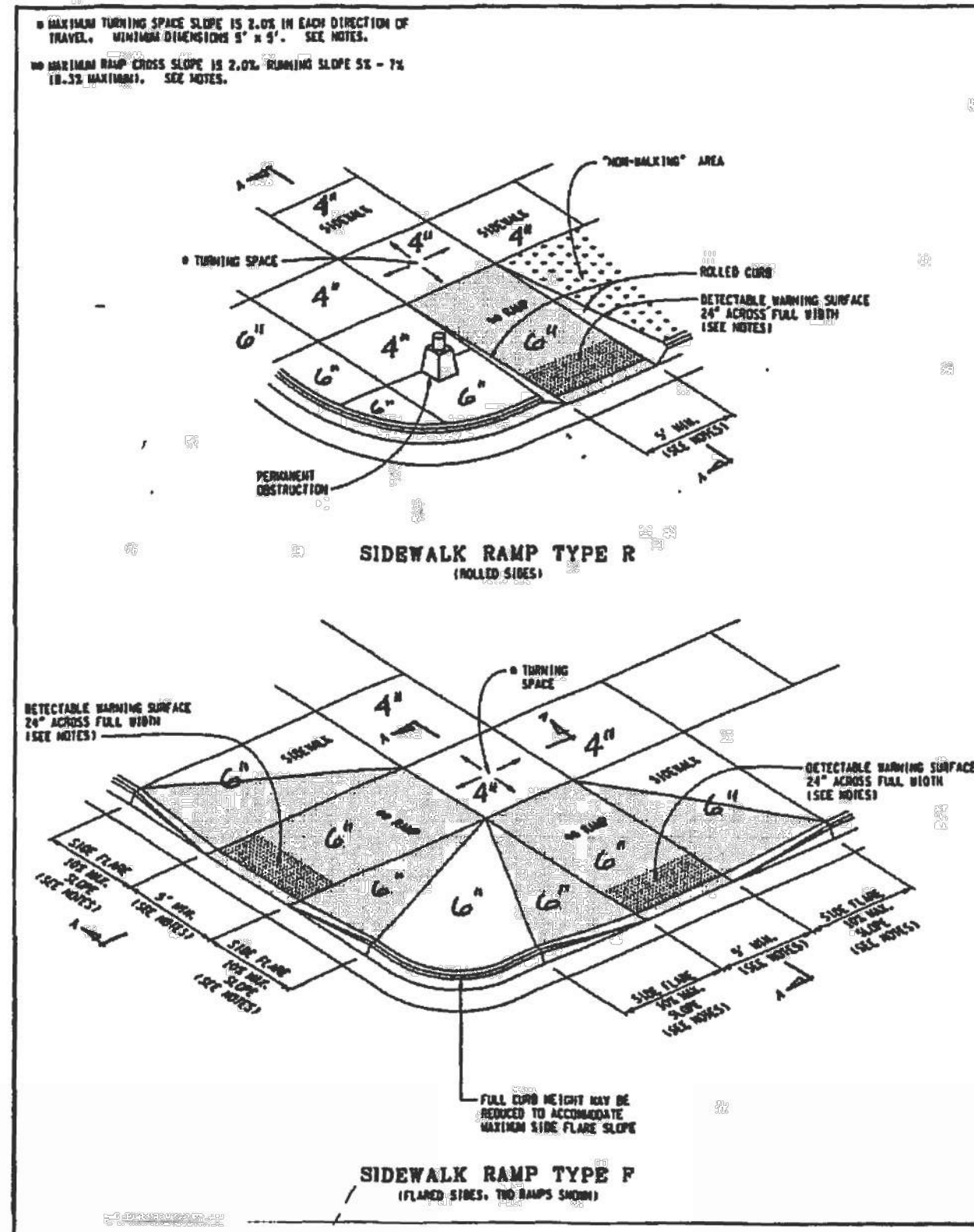
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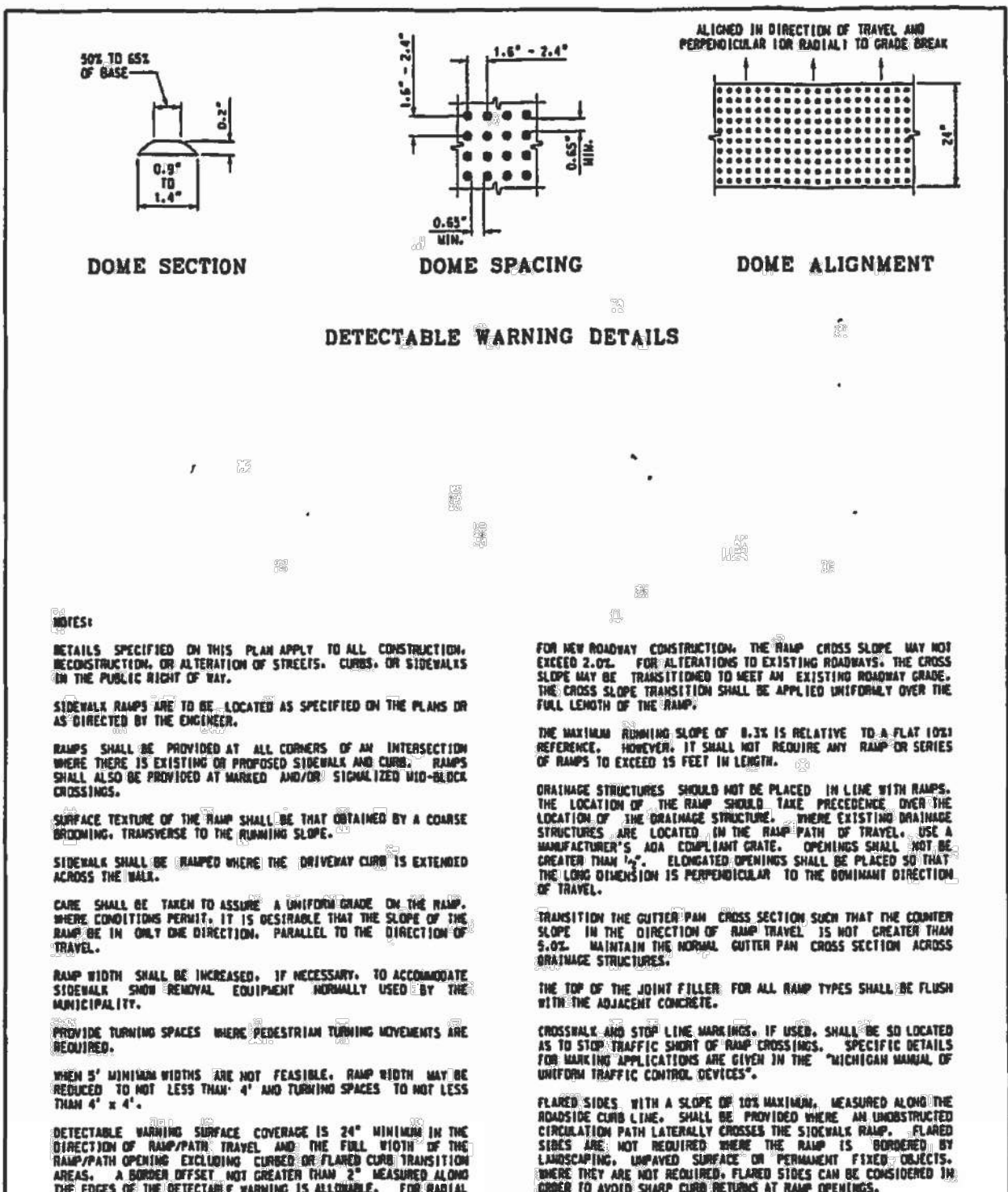
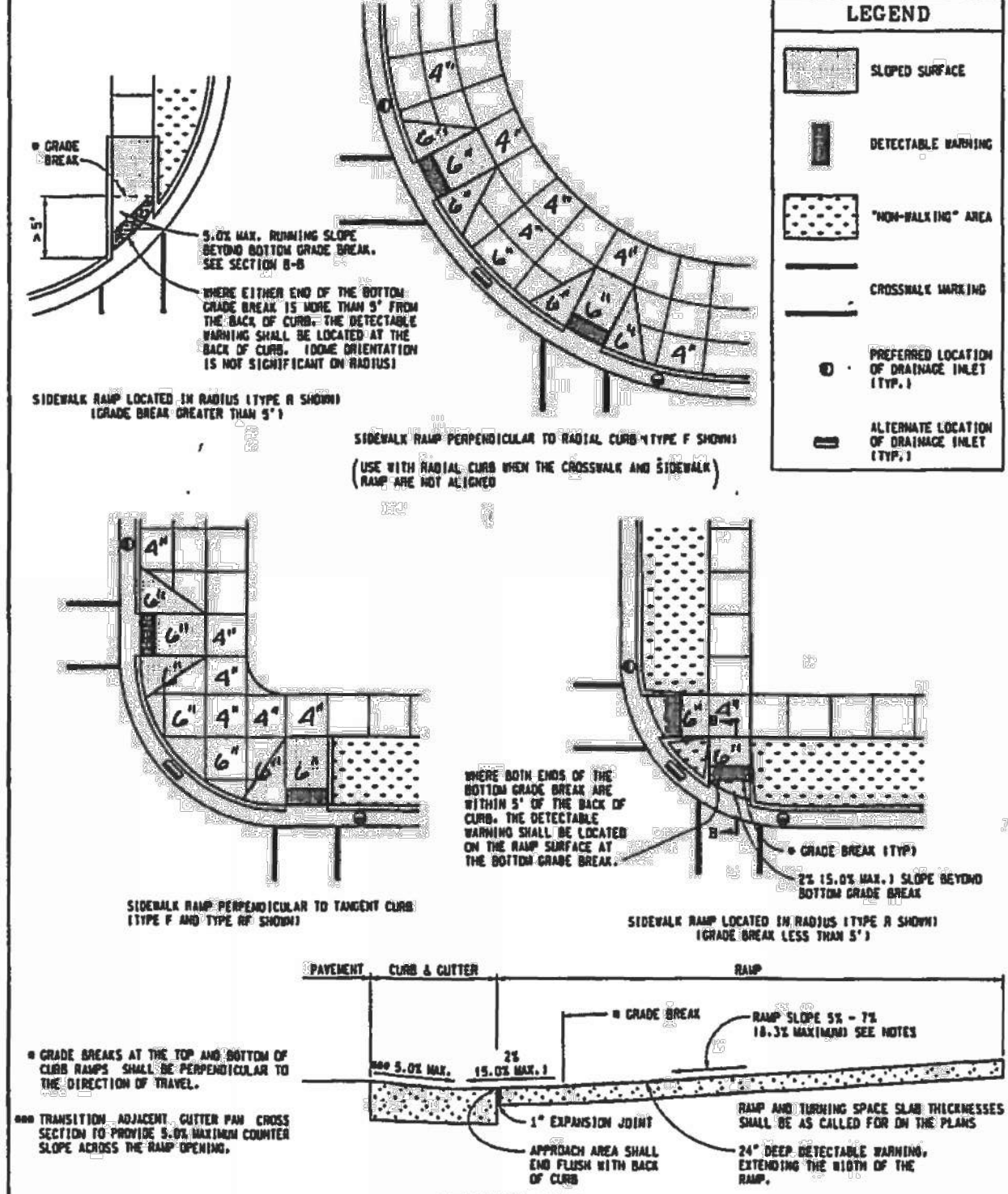
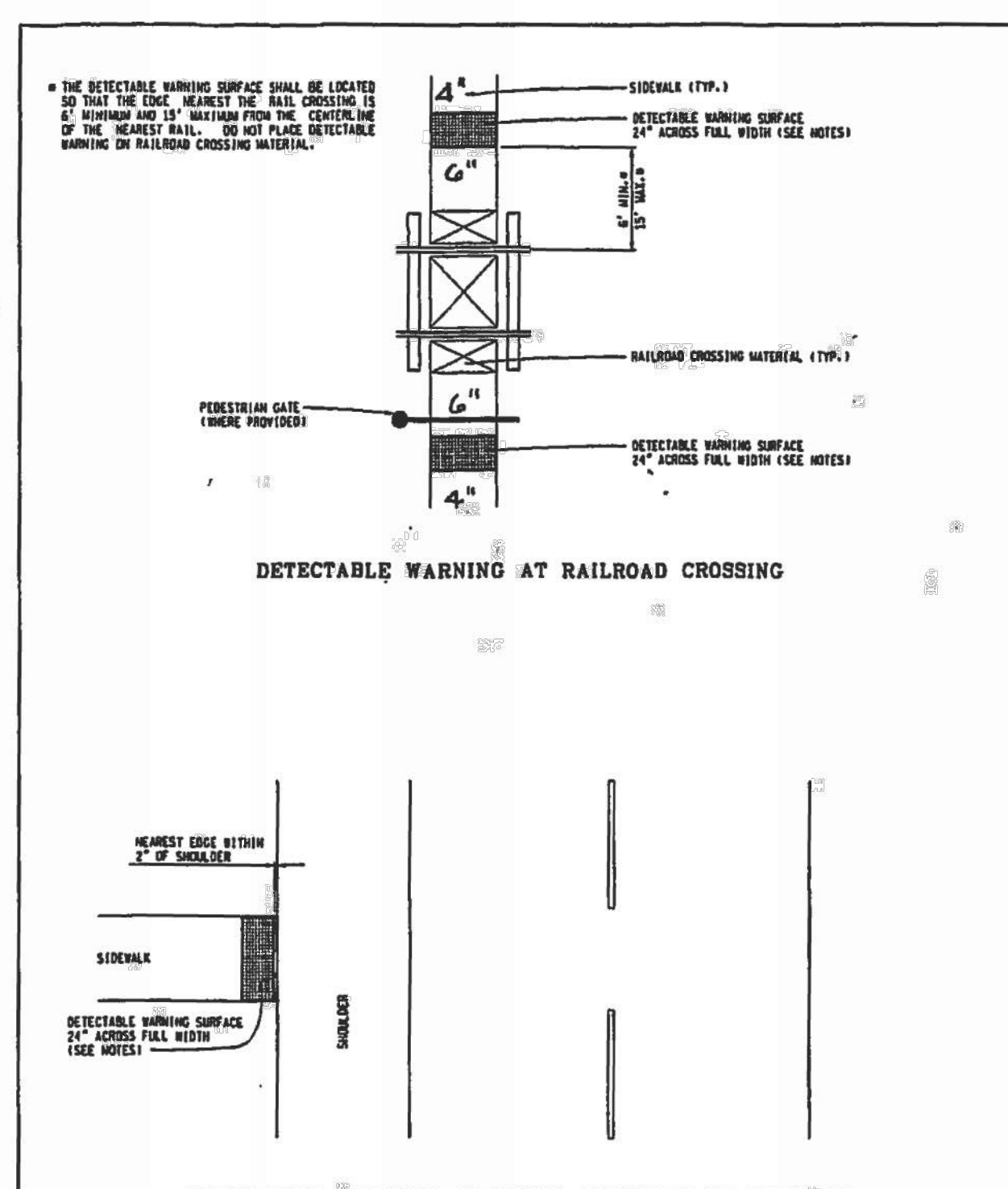


CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS, CITY ENGINEERING DIVISION  
**SIDEWALK RAMP AND DETECTABLE WARNING DETAILS R-28-1 WITH CITY OF DETROIT THICKNESS AMENDMENT**  
4/19/2017 SHEET 1 OF 7

CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS, CITY ENGINEERING DIVISION  
**SIDEWALK RAMP AND DETECTABLE WARNING DETAILS R-28-1 WITH CITY OF DETROIT THICKNESS AMENDMENT**  
4/19/2017 SHEET 2 OF 7

CITY OF DETROIT  
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4/19/2017 SHEET 3 OF 7

CITY OF DETROIT  
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**SIDEWALK RAMP AND DETECTABLE WARNING DETAILS R-28-1 WITH CITY OF DETROIT THICKNESS AMENDMENT**  
4/19/2017 SHEET 4 OF 7



CITY OF DETROIT  
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4/19/2017 SHEET 5 OF 7

CITY OF DETROIT  
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4/19/2017 SHEET 6 OF 7

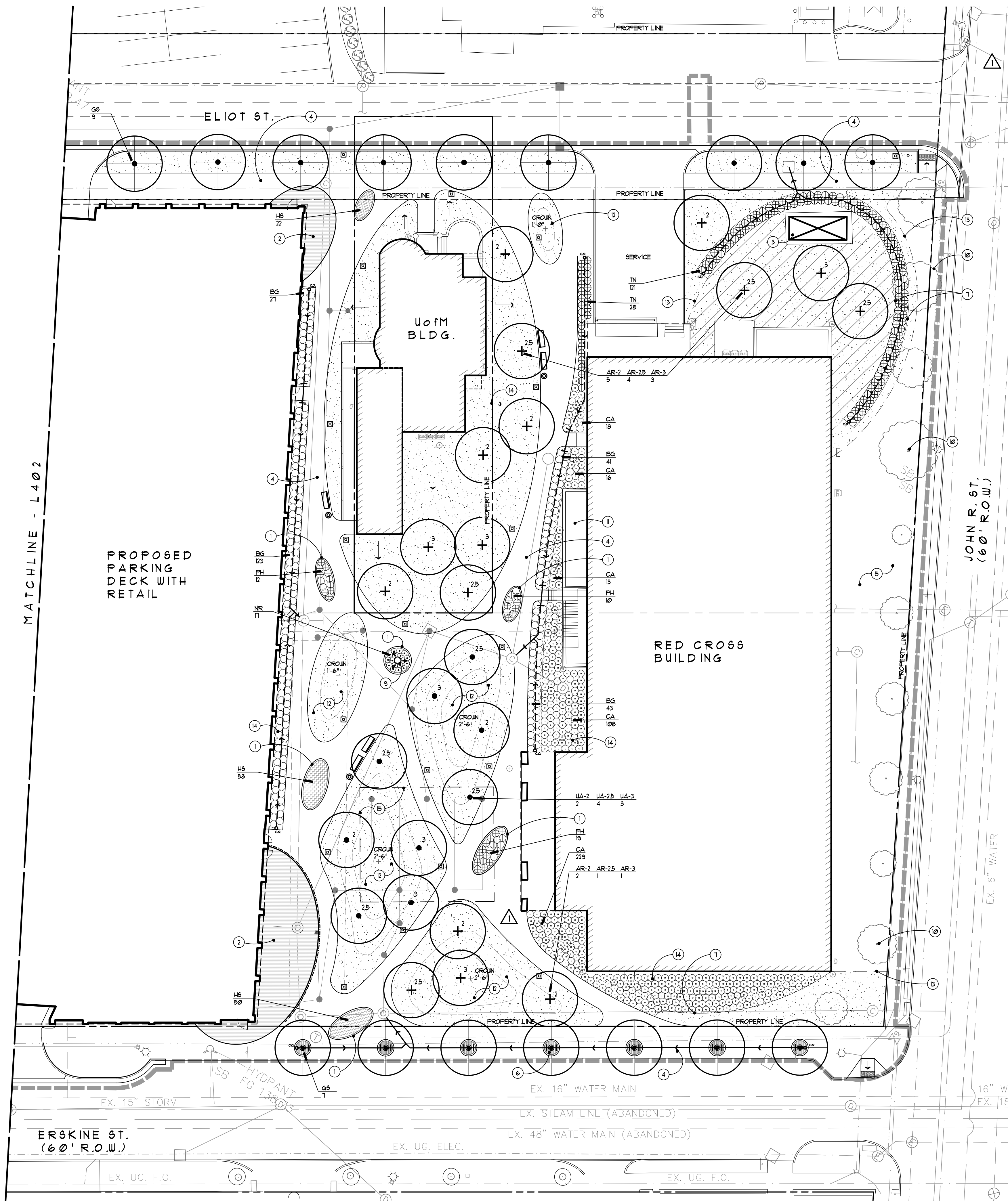
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4/19/2017 SHEET 7 OF 7

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Title  
**Site Details**

Sheet  
**L303**



- Legend:**
- △ LIMIT OF WORK
  - ⊙ EX. LIGHT POLE TO REMAIN
  - ⊠ NEW LIGHT POLE - REFER TO ELEC. PLANS
  - ⊕ EXISTING FIRE HYDRANT TO REMAIN
  - ▨ IRRIGATED SOODED LAWN
  - ▩ IRRIGATED SEEDED LAWN
  - AA PLANT CODE AND QUANTITY - REFER TO PLANT LIST
  - DIRECTION OF SLOPE
  - TRANSITION FROM PERFORATED DRAIN TILE TO SOLID DRAIN PIPE
  - PROPOSED 4" PERFORATED OR SOLID DRAIN PIPE, SLOPE AT 1/8" MIN. CONNECT TO SYSTEM AS SHOWN. CLEAN OUT SHALL BE 4" DIA. PVC FLUSH TO GRADE WITH BLACK PLASTIC CAP. REFER TO SPECS

- Note Key:**
- 1 CONCRETE PLANTER CURB, TYP.
  - 2 BRICK PAVING - REFER TO PAVING PLAN, TYP.
  - 3 EXISTING GENERATOR, TYP.
  - 4 NEW CONCRETE SIDEWALK
  - 5 RESTORE DISTURBED AREAS WITH SEEDED LAWN
  - 6 TREE GRATE IN PLANTER CURB - REFER TO DETAIL, TYP.
  - 7 ALUMINUM EDGING, TYP.
  - 8 OVERHEAD LIGHTING FEATURE, TYP.
  - 9 IDENTITY ICON / SCULPTURE
  - 10 EXISTING TREES TO REMAIN, TYP.
  - 11 EXISTING AREAWAY
  - 12 CROWN LAWN AREAS WITH TOPSOIL, AS NOTED
  - 13 LIMIT OF SOD, TYP.
  - 14 SLOPE AWAY FROM BUILDING, TYP.
  - 15 LIMITS OF UNDERGROUND STORY WATER DETENTION SYSTEM BELOW - REFER TO CIVIL DOCUMENTS

- General Notes:**
1. PROVIDE 4" DEPTH TOPSOIL IN ALL SEEDED AND SOODED LAWN AREAS
  2. PROVIDE SHREDDED BARK MULCH AT ALL PLANT BEDS AT DEPTHS PROVIDED IN DETAILS
  3. REFER TO TYPICAL PLANTING DETAILS, SHEET L501
  4. ALL LAWN AREAS, PLANT BEDS AND TREES WITHIN PROJECT LIMITS TO BE IRRIGATED WITH AUTOMATIC IRRIGATION SYSTEM. REFER TO IRRIGATION PLANS.

**Plant List**

Shrubs, Annuals, and Grasses

CODE	QTY	DESCRIPTION	SIZE	COMMENTS
BG	234	Buxus s. 'Green Mountain'	24" H.	Plant 30' o.c.
		Green Mountain Boxwood		Cont.
CA	384	Calamagrostis s. 'Karl Foerster'	3 gal.	Plant 30' o.c.
		Foerster's Reed Grass		
HS	130	Hemerocallis 'Stella D'Oro'	1 gal.	Plant 18' o.c.
		Stella D'Oro Daylily		
NR	17	Nepeta racemosa 'Walker's Low'	1 gal.	Plant 24' o.c.
		Walker's Low Catmint		
PH	88	Pennisetum s. 'Hameln'	3 gal.	Plant 30' o.c.
		Dwarf Fountain Grass		
TN	149	Thuja s. 'Nigra'	8" H.	B&B, 30' o.c.
		Dark Green Arborvitae		

Trees

CODE	QTY	DESCRIPTION	SIZE	COMMENTS
AR-2	7	Acer f. 'October Glory'	2" cal.	B&B
		October Glory Red Maple		
AR-2.5	5	Acer f. 'October Glory'	2 1/2" cal.	B&B
		October Glory Red Maple		
AR-3	4	Acer f. 'October Glory'	3" cal.	B&B
		October Glory Red Maple		
GS	17	Gleditsia t. 'Skyline'	3" cal.	B&B, matched
		Skyline Honeylocust		
PC	7	Pyrus c. 'Chanticleer'	3" cal.	B&B, matched
		Chanticleer Pear		
UA-2	2	Ulmus s. 'Accolade'	2" cal.	B&B
		Accolade Elm		
UA-2.5	4	Ulmus s. 'Accolade'	2 1/2" cal.	B&B
		Accolade Elm		
UA-3	3	Ulmus s. 'Accolade'	3" cal.	B&B
		Accolade Elm		



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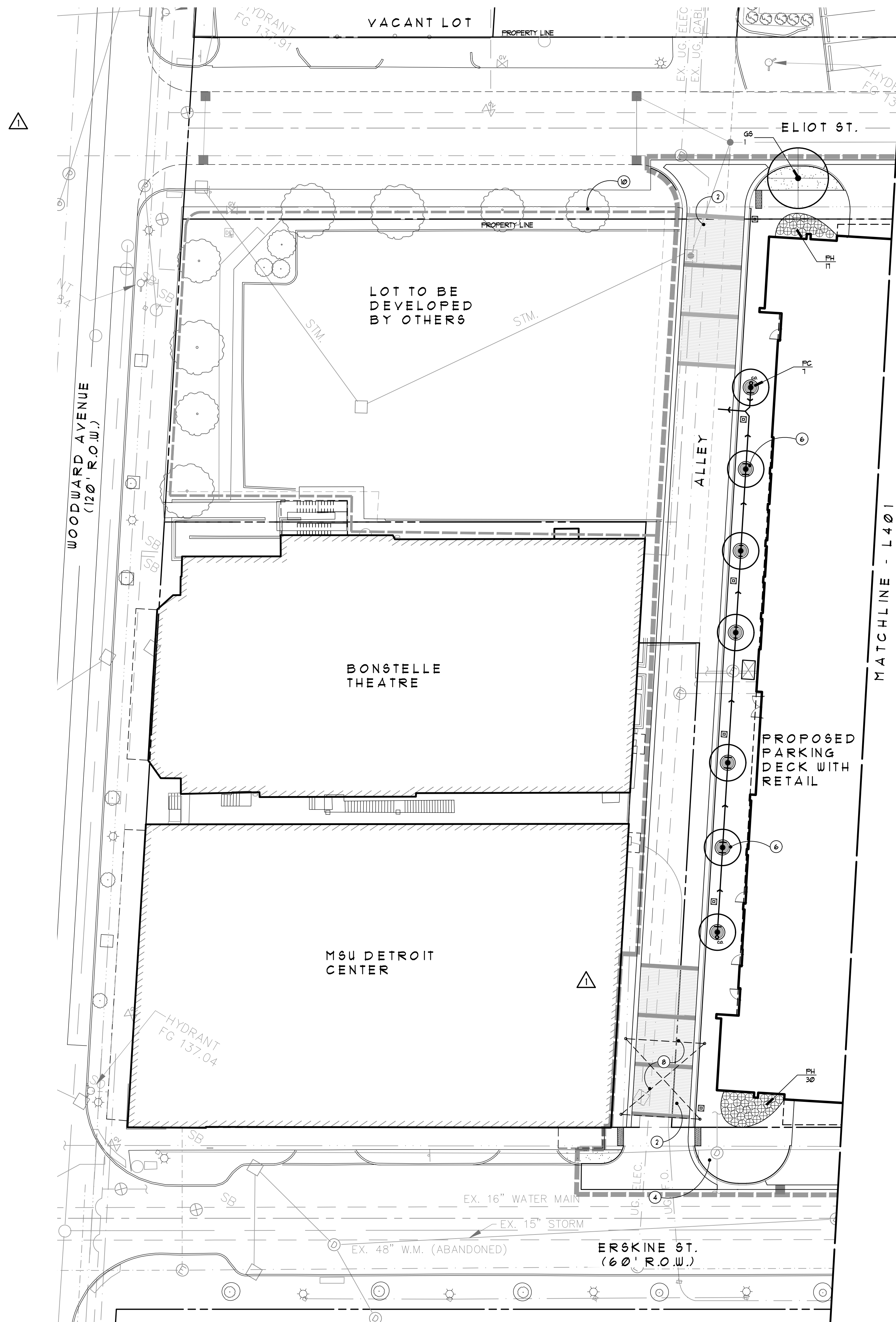
Job Number: **N10-174**  
 Title: **Landscape Plan**

**811** Know what's below. Call before you dig.

0' 10' 20' 40'

SCALE: 1"=20'

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- Legend:**
- LIMIT OF WORK
  - EX. LIGHT POLE TO REMAIN
  - NEW LIGHT POLE - REFER TO ELEC. PLANS
  - EXISTING FIRE HYDRANT TO REMAIN
  - IRRIGATED SODDED LAWN
  - ▨ IRRIGATED SEEDED LAWN
  - AA PLANT CODE AND QUANTITY - REFER TO PLANT LIST
  - DIRECTION OF SLOPE
  - G6 PROPOSED 4" PERF. OR SOLID DRAIN PIPE, SLOPE AT 1/8" MIN. CONNECT TO SYSTEM AS SHOWN. CLEAN OUT SHALL BE 4" DIA. PVC FLUSH TO GRADE WITH BLACK PLASTIC CAP. REFER TO SPECS
  - TRANSITION FROM PERFORATED DRAIN TILE TO SOLID DRAIN PIPE

- Note Key:**
- ① CONCRETE PLANTER CURB, TYP.
  - ② BRICK PAVING - REFER TO PAVING PLAN, TYP.
  - ③ EXISTING GENERATOR, TYP.
  - ④ NEW CONCRETE SIDEWALK
  - ⑤ RESTORE DISTURBED AREAS WITH SEEDED LAWN
  - ⑥ TREE GRATE IN PLANTER CURB - REFER TO DETAIL, TYP.
  - ⑦ ALUMINUM EDGING, TYP.
  - ⑧ OVER-HEAD LIGHTING FEATURE, TYP.
  - ⑨ IDENTITY ICON / SCULPTURE
  - ⑩ EXISTING TREES TO REMAIN, TYP.
  - ⑪ EXISTING AREAWAY
  - ⑫ CROWN LAWN AREAS WITH TOPSOIL AS NOTED
  - ⑬ LIMIT OF SOD, TYP.
  - ⑭ SLOPE AWAY FROM BUILDING, TYP.
  - △ LIMITS OF UNDERGROUND STORM WATER DETENTION SYSTEM BELOW - REFER TO CIVIL DOCUMENTS

- General Notes:**
1. PROVIDE 4" DEPTH TOPSOIL IN ALL SEEDED AND SODDED LAWN AREAS
  2. PROVIDE SHREDDED BARK MULCH AT ALL PLANT BEDS AT DEPTHS PROVIDED IN DETAILS
  3. REFER TO TYPICAL PLANTING DETAILS, SHEET L501
  4. ALL LAWN AREAS, PLANT BEDS AND TREES IN GRATES WITHIN PROJECT LIMITS TO BE IRRIGATED WITH AUTOMATIC IRRIGATION SYSTEM. REFER TO IRRIGATION PLANS.



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**DETROIT**  
**MIXED-USE BUILDING**  
**SOUTH OF MACK AVENUE**     **DETROIT MICHIGAN USA 48201**

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Revisions

08.12.2019 Issued for Construction  
 06.28.2019 Issued for Bulletin #1  
 01.04.2019 100% Bidding & Permitting

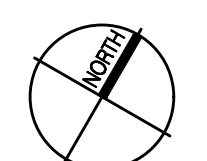
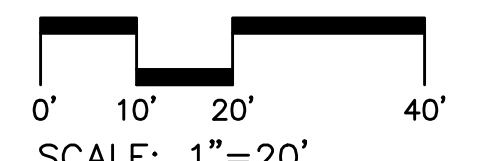
Date: 09.19.2017  
 Drawn: MS / SE  
 Checked: SE  
 Approved: PA  
 Bidpak Number: N10-174

Preliminary  
 Construction  
 Record

Do not scale  
 Use figured dimensions only

Job Number: **N10-174**  
 Title: **Landscape Plan**

Sheet: **L402**



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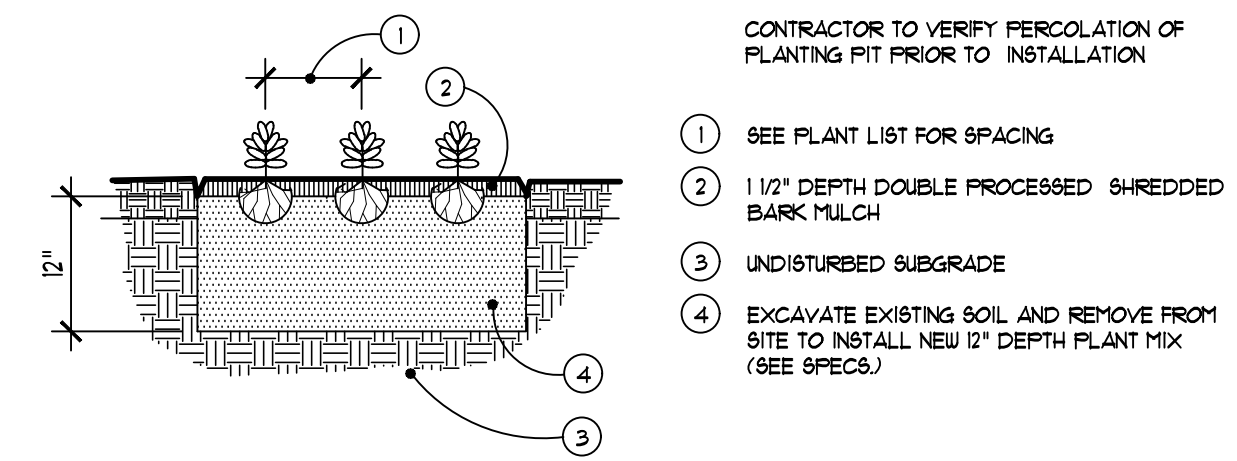
**MIXED-USE BUILDING**

**SOUTH OF MACK AVENUE**      **DETROIT MICHIGAN USA 48201**

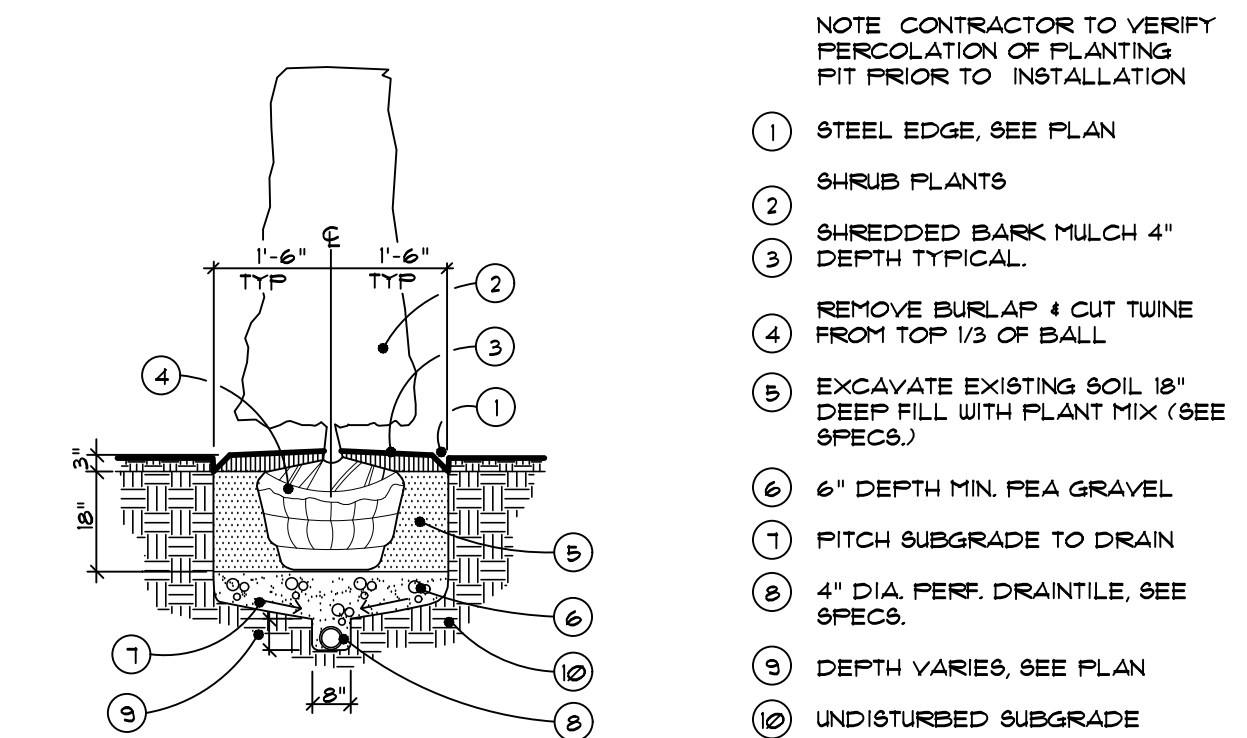
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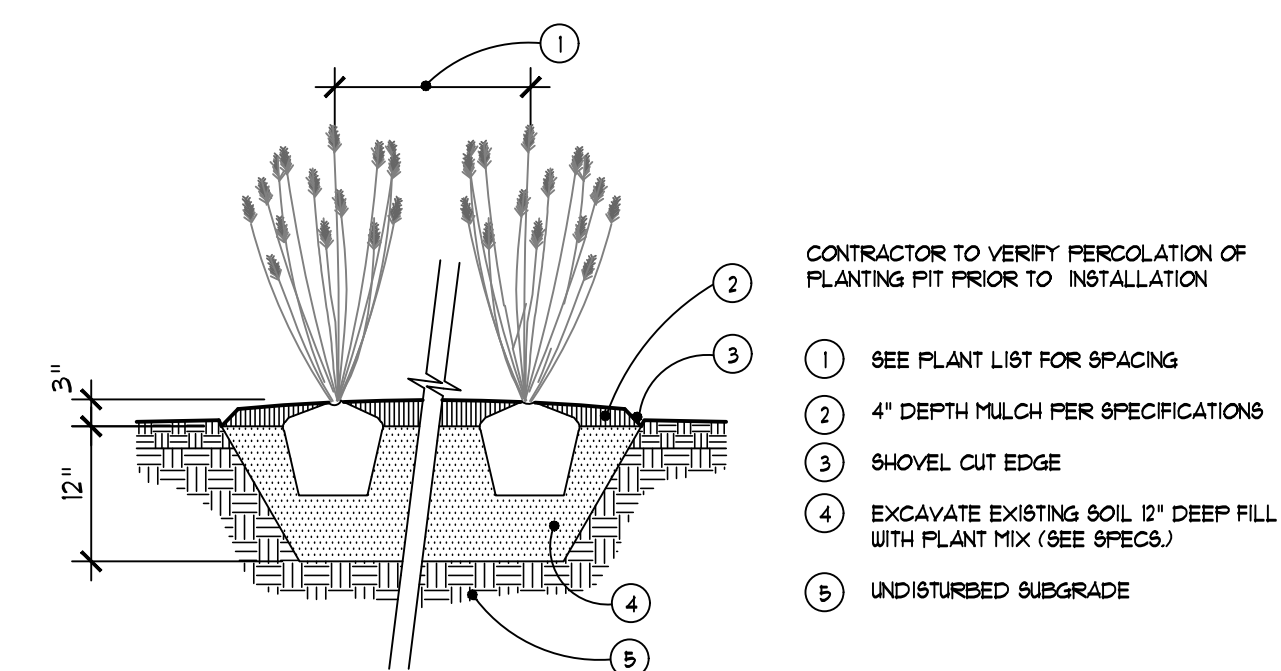
Revisions



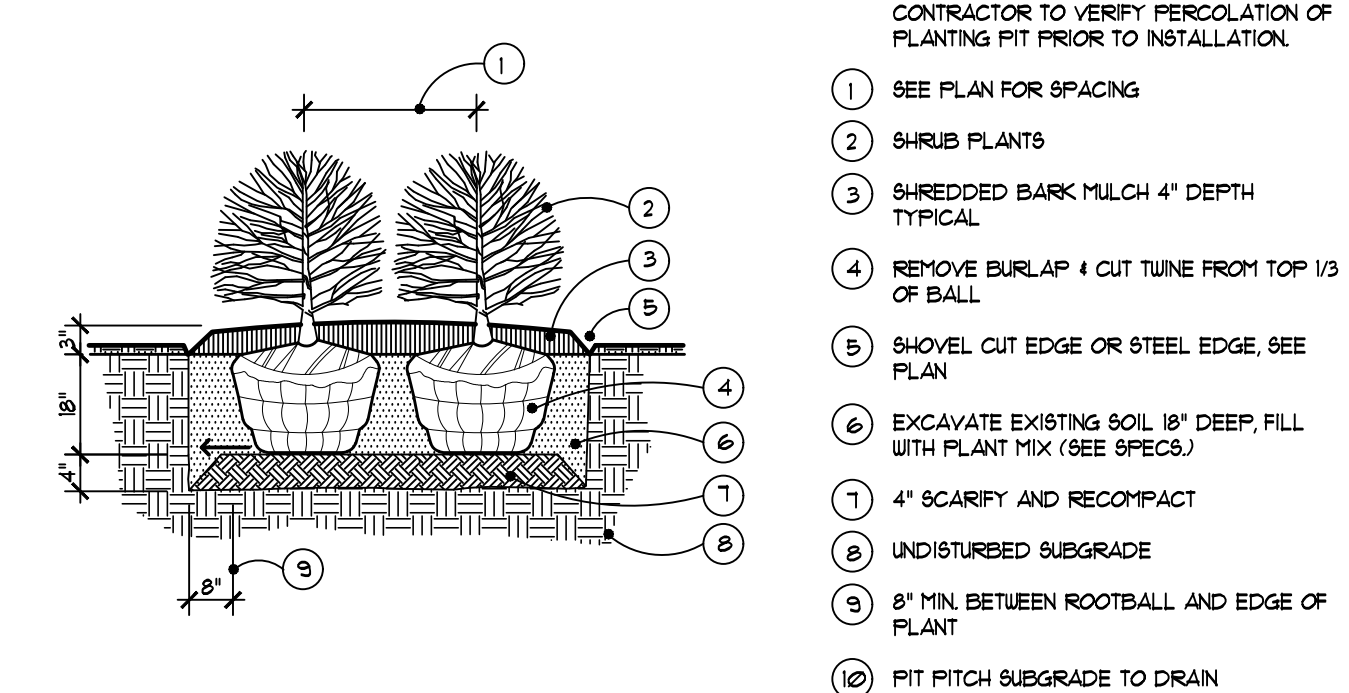
**4** Perennial / Groundcover Planting Detail  
NOT TO SCALE



**3** Hedge Planting with Drain Tile  
NOT TO SCALE



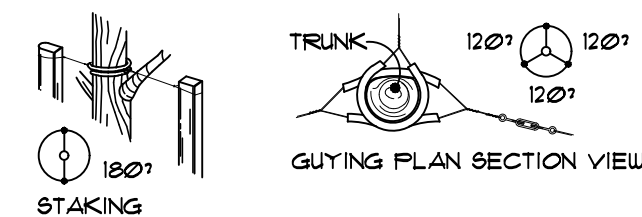
**2** Ornamental Grass Planting Detail  
NOT TO SCALE



**1** Shrub Planting Detail  
NOT TO SCALE

**NOTES:**

- STAKE TREES 4" CALIPER AND UNDER 2 PER TREE
- GUY TREES OVER 4" CALIPER 3 PER TREE
- CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION
- SET STAKES VERTICAL AND EVENLY SPACED
- STAYS OR GUYS TO BE SET ABOVE FIRST BRANCH
- SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION



- 1 3/4" DIA BLACK RUBBER HOSE AROUND GUY CABLE.
- 2 6' LONG 2" x 2" HARDWOOD STAKES. STAKES TO EXTEND 18" BELOW TREE PIT IN UNDISTURBED SOIL.
- 3 TREE WRAP - REMOVE AFTER FIRST YEAR
- 4 AREA OF "RAPID TAPER" (REMOVE ALL SOILS ABOVE THIS LINE AND SET TREE TO THIS FINISH GRADE.)
- 5 TREE PIT, 2X BALL DIAMETER BACKFILL WITH EXCAVATED NATIVE SOIL AND FERTILIZER PER SPECS. FULVERIZE SOIL PRIOR TO BACKFILL TO 1" OR SMALLER. ELIMINATE ALL VOIDS. PROVIDE SOIL SAUCER RING AROUND TREE PIT.
- 6 STAKING AND GUY CABLE - NEW GALV. STEEL WIRE FREE OF KINKS OR BENDS. USE #1 GA. FOR 4" CALIPER TREE AND UNDER, OR #3 GA. FOR TREES OVER 4" CALIPER.
- 7 FINISH GRADE WITH LAWN SLOPED AWAY FROM TREE
- 8 REMOVE BURLAP BACK TO 6" BELOW GRADE, CUT WIRE BASKET
- 9 3" DEPTH SHREDDED BARK MULCH. MULCH SHALL NOT COVER TREE TAPER.
- 10 12" MINIMUM BETWEEN ROOT BALL AND EDGE OF PLANT PIT AND CUT PIT SIDES • APPROX. 60° ANGLE
- 11 2' LONG 2X4 HARDWOOD STAKE WITH POINTED END

**5** Deciduous Tree Planting Detail  
NOT TO SCALE

08.12.2019 Issued for Construction  
01.04.2019 100% Bidding & Permitting

Date  Preliminary  
**09.19.2017**  Construction  
Drawn  Record  
**MS / SE**  
Checked  Do not scale  
**SE**  Use figured dimensions only  
Approved  
**PA**  
Bidpak Number

Job Number  
**N10-174**

Title  
**Landscape Details**

Sheet  
**L501**