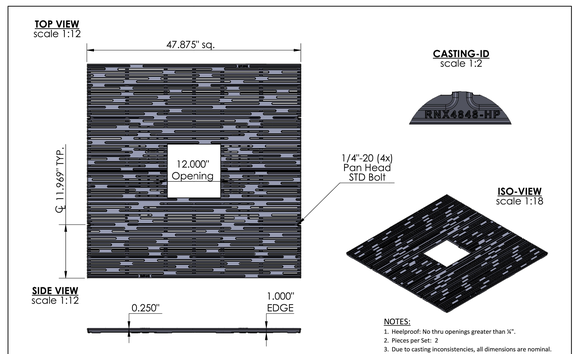
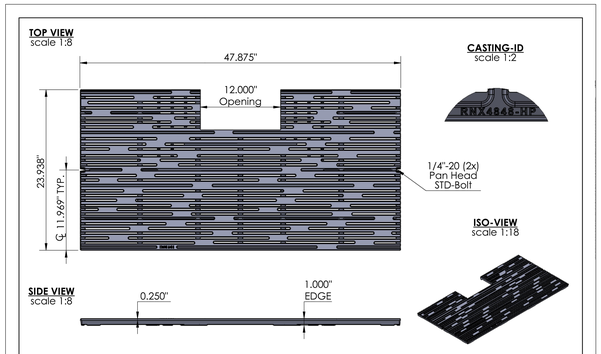


NOTES:
1. Heelproof: No thru openings greater than ¼".
2. Pieces per Set: 2
3. Due to casting inconsistencies, all dimensions are nominal.
4. Center Opening Options:
   Cast at 12" & 24", Breakouts cut to 16" & 20".
5. Pedestrian Load Only.

Made in USA ©2014 Iron Age Designs

Rain 4' x 4' Tree Grate 12" Opening - Heel Proof

IRON AGE DESIGNS	Material:	Ductile Iron 65-45-12 or better	Weight:	222.26	lbs.	Free Drain Area:	377.01	in/sq. 17.55 %	By: MS	Checked: MS	Date: 7-6-23
	Finish:	Raw	Edge:	1.000"		Flow Rate:	493.88	GPM	ID Registration:	VA 1-969-982	Scale: NTS
Telephone 206.276.0925	Fits:	Iron Age Custom Frame SOLD SEPARATELY	Product ID:	RNX48-48999TGHP12		Drawing Name:	01_Rai_I_48x48HP_TreeGrate_Iron_12open_Comp				
www.ironagegrates.com											Page 1



NOTES:
1. Heelproof: No thru openings greater than ¼".
2. Due to casting inconsistencies, all dimensions are nominal.
3. Pedestrian Load Only.

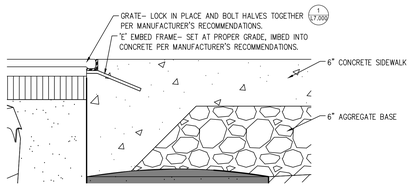
Made in USA ©2014 Iron Age Designs

Rain 4' x 4' Tree Grate 12" Opening - Heel Proof - Half Panel

IRON AGE DESIGNS	Material:	Ductile Iron 65-45-12 or better	Weight:	111.13	lbs.	Free Drain Area:	188.50	in/sq. 17.55 %	By: MS	Checked: MS	Date: 7-6-23
	Finish:	Raw	Edge:	1.000"		Flow Rate:	246.94	GPM	ID Registration:	VA 1-969-982	Scale: NTS
Telephone 206.276.0925	Fits:	Iron Age Custom Frame SOLD SEPARATELY	Product ID:	RNX48-48999TGHP		Drawing Name:	01_Rai_I_48x48HP_TreeGrate_IRON_12open				
www.ironagegrates.com											Page 2

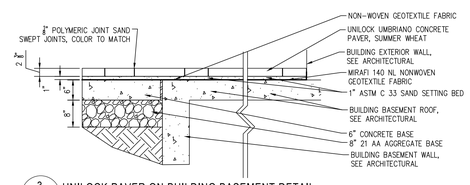
NOTE: GRATE SHALL BE BAKED ON OIL FINISH

1 L7.000 TREE GRATE DETAILS
NO SCALE

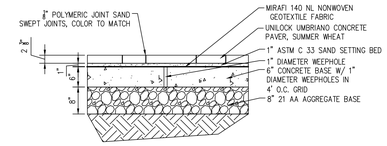


NOTE: GRATE SHALL BE 48" SQUARE CAST IRON GRATE WITH FRAME AS SPECIFIED. BOLT TOGETHER.

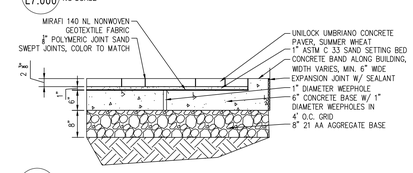
2 L7.000 TREE GRATE FRAME DETAILS
NO SCALE



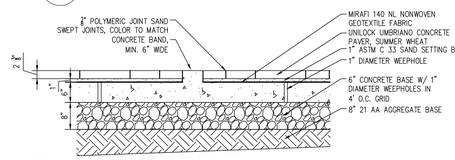
3 L7.000 UNILOCK PAVER ON BUILDING BASEMENT DETAIL
NO SCALE



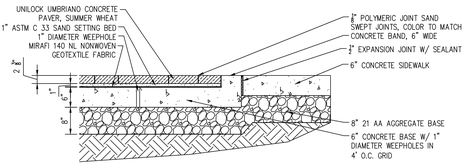
4 L7.000 UNILOCK PAVER TYP. DETAIL
NO SCALE



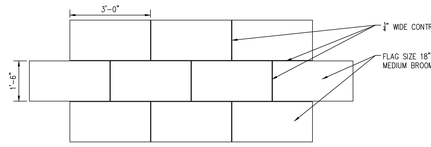
5 L7.000 UNILOCK PAVER W/ CONCRETE BAND ALONG BUILDING DETAIL
NO SCALE



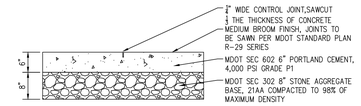
6 L7.000 UNILOCK PAVER W CONCRETE BAND SEPARATOR
NO SCALE



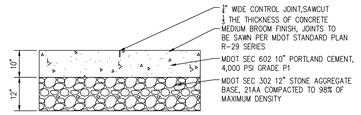
7 L7.000 UNILOCK PAVER W/ CONCRETE BAND BETWEEN SIDEWALK
NO SCALE



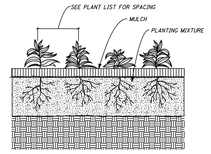
8 L7.000 LONDON PAVER JOINTING PATTERN
NO SCALE



16 L7.000 CONCRETE SIDEWALK
NO SCALE

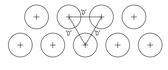


17 L7.000 HEAVY DUTY CONCRETE
NO SCALE



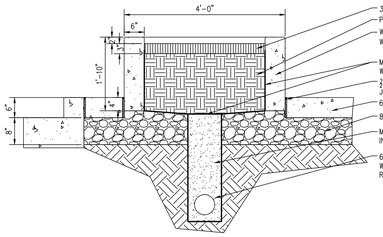
NOTES:
PLANT TO WITHIN 4" OF TREE OR SHRUB ROOT BALL.
SET PLANTS WITH BOTTOM LEAVES AT GRADE AFTER MULCHING.

12 L7.000 PERENNIAL AND GRASS PLANTING DETAIL
NO SCALE

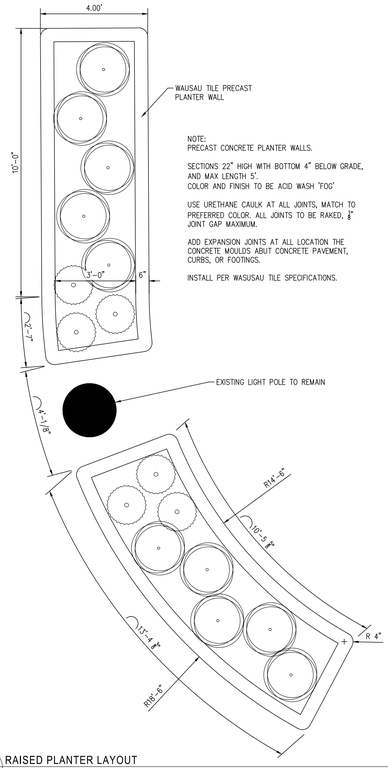


D = DIMENSION OF PLANT SPACING (SHRUB, GROUNDCOVER OR PERENNIAL) AS INDICATED IN PLANT LIST

13 L7.000 PLANT SPACING DETAIL
NO SCALE



14 L7.000 RAISED PLANTER SECTION
NO SCALE



NOTE:
PRECAST CONCRETE PLANTER WALLS.

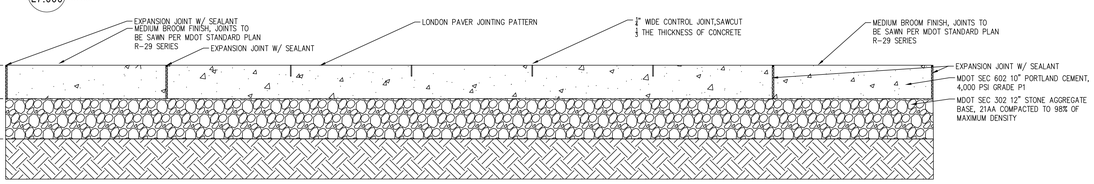
SECTIONS 22" HIGH WITH BOTTOM 4" BELOW GRADE, AND MAX LENGTH 5'.
COLOR AND FINISH TO BE ACID WASH 'FOG'

USE URETHANE CAULK AT ALL JOINTS, MATCH TO PREFERRED COLOR. ALL JOINTS TO BE RAKED, ⅜" JOINT GAP MAXIMUM.

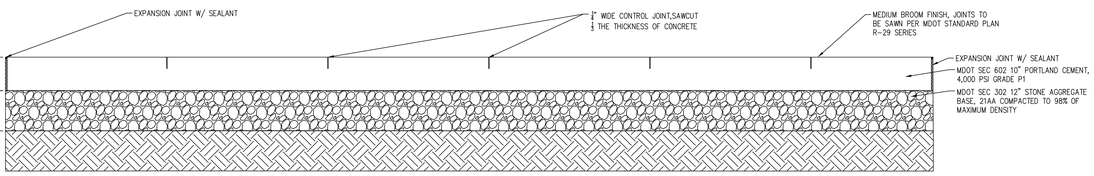
ADD EXPANSION JOINTS AT ALL LOCATION THE CONCRETE MOULDS ABUT CONCRETE PAVEMENT, CURBS, OR FOOTINGS.

INSTALL PER WASUSAU TILE SPECIFICATIONS.

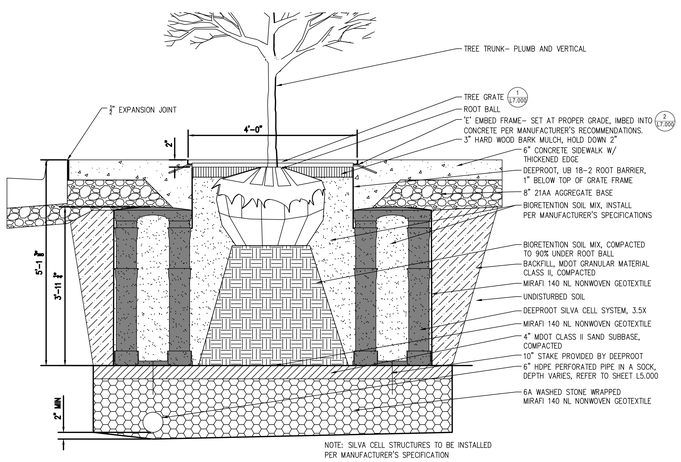
15 L7.000 RAISED PLANTER LAYOUT
NO SCALE



18 L7.000 MONROE ALLEY HEAVY DUTY CONCRETE SECTION
NO SCALE

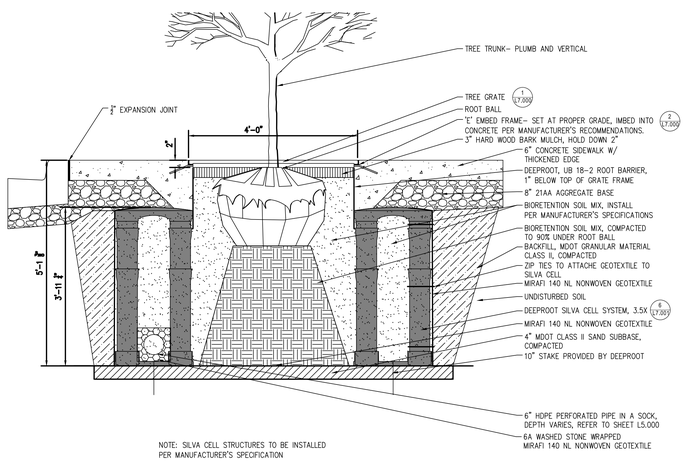


19 L7.000 MONROE ALLEY HEAVY DUTY CONCRETE SECTION
NO SCALE



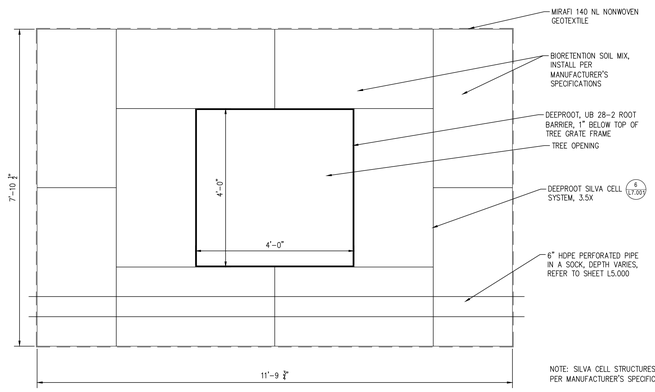
NOTE: SILVA CELL STRUCTURES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATION

9 L7.000 SILVA CELL TREE WELL DETAIL- UNDERDRAIN BELOW
NO SCALE



NOTE: SILVA CELL STRUCTURES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATION

10 L7.000 SILVA CELL TREE WELL DETAIL- UNDERDRAIN INSIDE
NO SCALE



NOTE: SILVA CELL STRUCTURES TO BE INSTALLED PER MANUFACTURER'S SPECIFICATION

11 L7.000 SILVA CELL PLAN
NO SCALE

BEDROCK
1 Cadillac Square, Detroit, MI 48226

Gensler
1265 Griswold Street
Detroit, MI 48226
Tel 313.965.1600
Fax 313.965.8060

Mannik & Smith Group, Inc.
607 Shelby Street, Suite 300
Detroit, Michigan 48226
Tel (313) 961-9500
Fax (313) 961-9509

JIMA Studio
607 Shelby Street, Suite 701
Detroit Michigan 48226
Tel 6(46) 217-8786

WSP
30 North LaSalle Street
Suite 4200
Chicago, Illinois 60602
Tel (312)782-8150

Cini-Little International, Inc
20251 Century Blvd
Suite 150
Germantown, MD 20874
Tel 301.528.9700

Date	Description
04/18/2025	SITE PLAN SUBMITTAL

Seal / Signature

STATE OF MICHIGAN DAVID RYZYI ENGINEER 6201058041 PROFESSIONAL ENGINEER
4/18/2025

Project Name
Development at Cadillac Square – Site A1 - Market Hall

Project Number
10.6441.200

Description
SITE DETAILS

Scale

L7.000

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December 6, 2024 W:\Projects\20241\400-1599\240147\4CAD\SHTS\CIE-L7.000 LANDSCAPE DETAILS.dwg