# KALAMAZOO COUNTY LAND BANK AUTHORITY EASTSIDE SQUARE SUNRISE PLAZA IMPROVEMENTS



350 East Michigan Avenue, Suite #415 Kalamazoo, Michigan 49007 Phone (269) 381-3357 Fax (269) 381-2944

Landscape Architecture
Urban Planning
Parks & Recreation
Campus & Institutional Planning
Camp Planning & Design

KALAMAZOO, MICHIGAN

# OWNER:

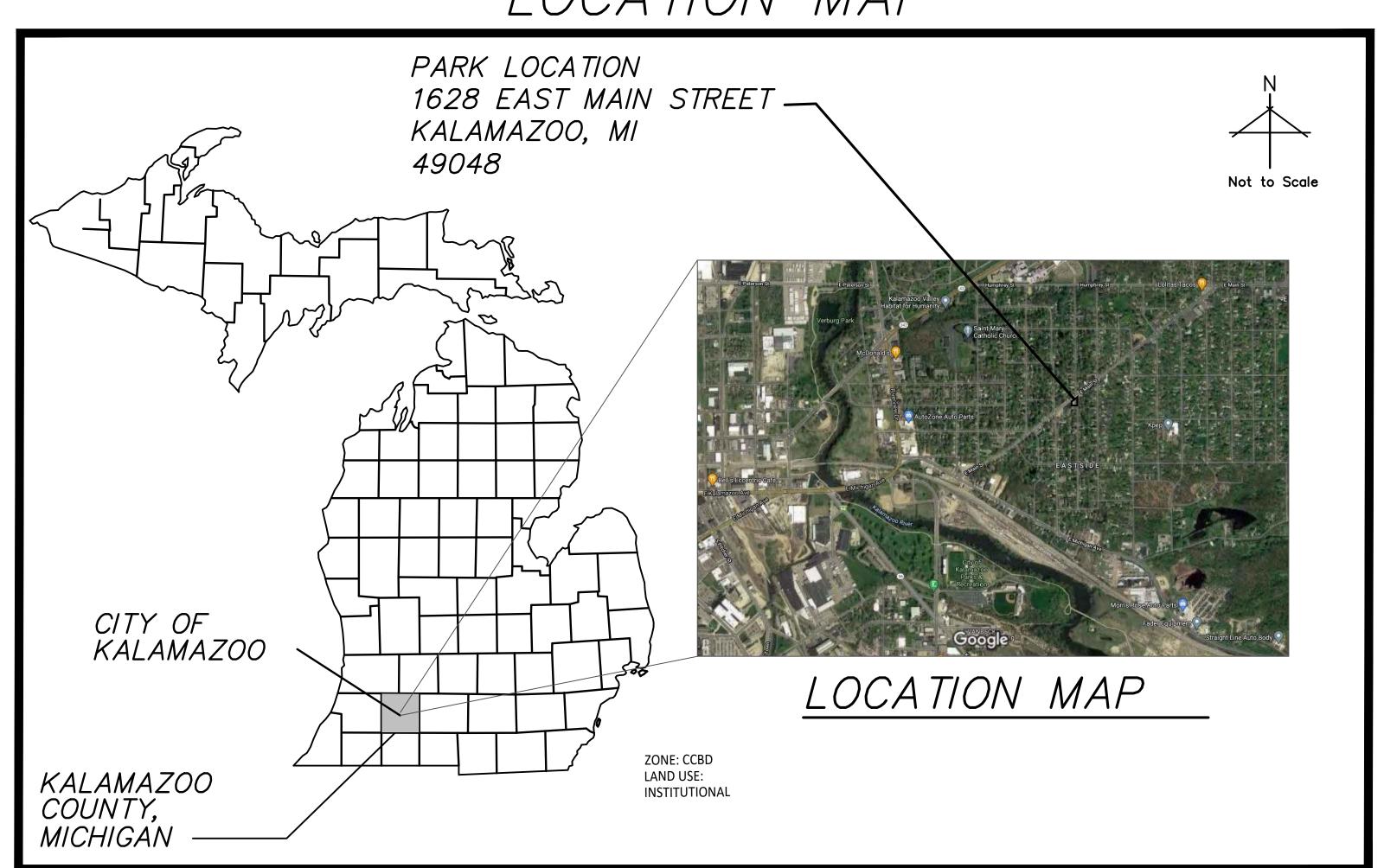
KALAMAZOO COUNTY LAND BANK AUTHORITY

1523 RIVERVIEW DRIVE, SUITE A KALAMAZOO, MICHIGAN 49004 269—216—4124 TELE 269—216—6345 FAX

# LANDSCAPE ARCHITECT: O'BOYLE COWELL BLALOCK & ASSOCIATES, INC.

350 EAST MICHIGAN AVENUE, SUITE #415 KALAMAZOO, MICHIGAN 49007 269-381-3357 TELE 269-381-2944 FAX

# LOCATION MAP



# SHEET INDEX

CO.O COVER SHEET

CO.1 EXISTING CONDITIONS PLAN

C1.0 SITE DEMOLITION PLAN

C2.0 OVERALL SITE LAYOUT PLAN

C3.0 OVERALL SITE GRADING & SESC PLAN

C4.0 SITE DETAILS

L1.0 OVERALL LANDSCAPE PLAN

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Issued For:	Date
SITE PLAN REVIEW	01-08-2
SPR RE-SUBMITTAL	02-03-2
ISSUE FOR BID	02-10-2

Project:

Eastside Square Sunrise Plaza Improvements

Kalamazoo, Michigan

Sheet Title

Cover Sheet

NOTES:

1) Except where other wise indicated on the plans or in the proposal and supplemental specifications or special provisions contained herein, all materials and workmanship shall be in accordance with Michigan Department of Transportation Standard Specifications for Construction, 1996 Edition.

2) Call Miss Dig, 1—800—482—7171 three working days, excluding Saturday, Sunday and holidays, before starting your project.

Job No.

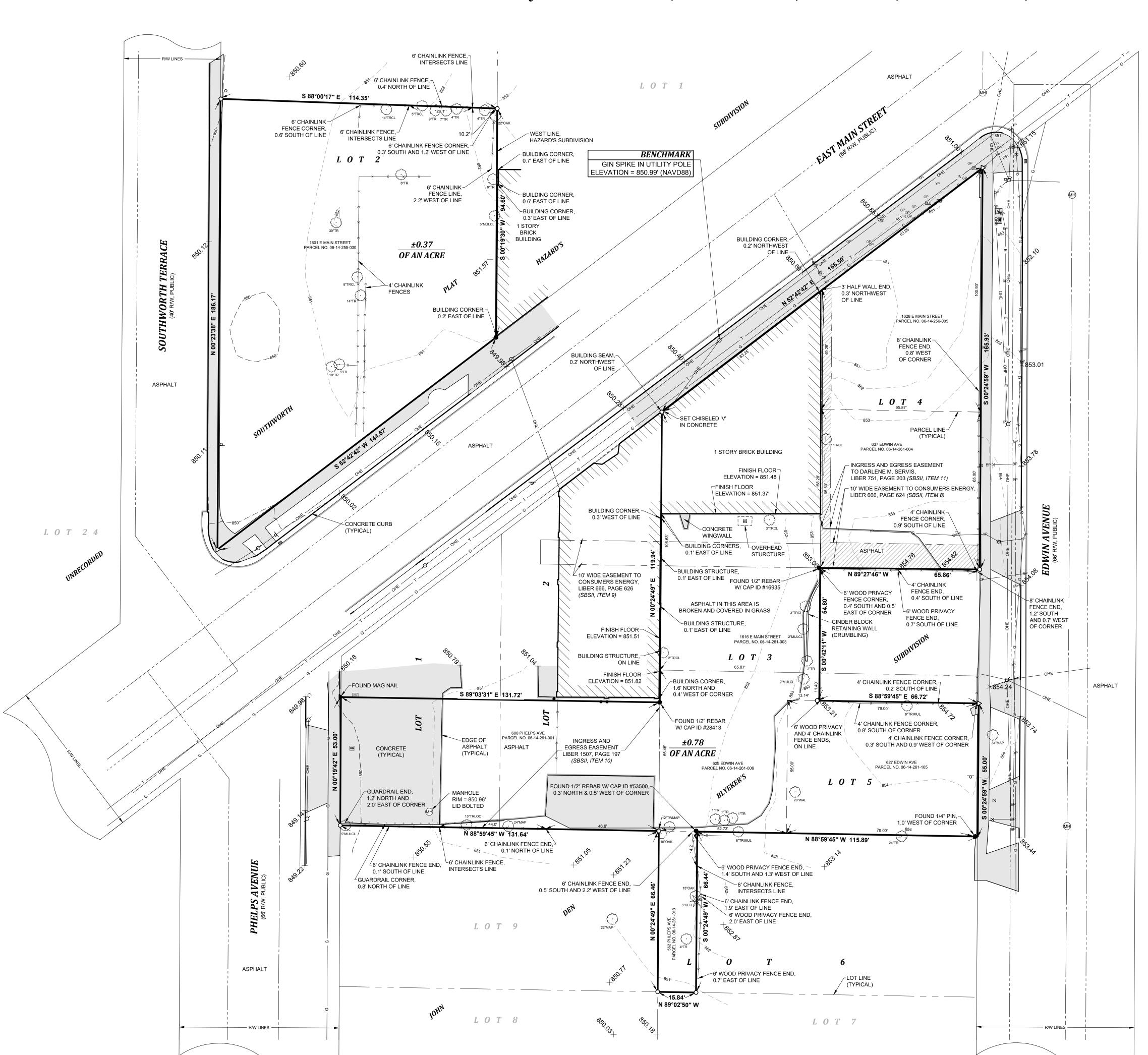
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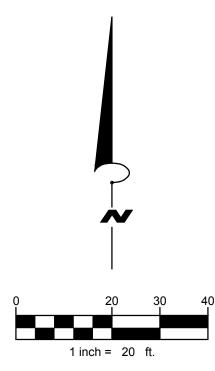
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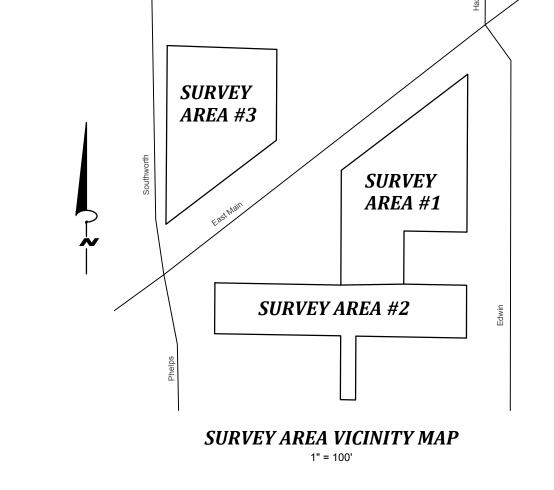
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### BOUNDARY AND TOPOGRAPHIC SURVEY

IN THE NORTHEAST QUARTER OF SECTION 14, TOWNSHIP 2 SOUTH, RANGE 11 WEST, CITY OF KALAMAZOO, KALAMAZOO COUNTY, MICHIGAN







LEGAL DESCRIPTION PER EXHIBIT "A", COMMITMENT FOR TITLE INSURANCE PREPARED BY CHICAGO TITLE OF MICHIGAN, INC., COMMITMENT NO. 391131102NBU, COMMITMENT DATE SEPTEMBER 25, 2020:

THE SOUTH 53 FEET OF LOTS 1 AND 2, LOT 3, LOT 4 EXCEPT THE SOUTH 44 FEET THEREOF; LOT 5 EXCEPT THE NORTH 11 FEET OF THE EAST 66 FEET OF LOT 5. AND THE WEST 15.84 FEET OF LOTS 6 AND 7, OF JOHN DEN BLYEKER'S SUB., ACCORDING TO THE PLAT THEREOF AS RECORDED IN LIBER 5 OF PLATS, PAGE 12, KALAMAZOO COUNTY RECORDS.

ALSO, PART OF THE NORTHEAST QUARTER OF SECTION 14, TOWN 2 SOUTH, RANGE 11 WEST, BEING MORE PARTICULARLY DESCRIBED AS:

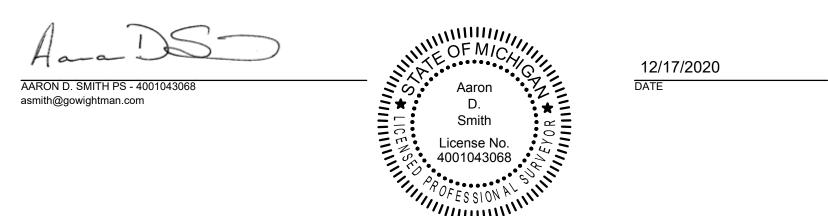
21, KALAMAZOO COUNTY RECORDS; AT ITS INTERSECTION WITH THE NORTH LINE OF EAST MAIN STREET; THENCE NORTH 94.6 FEET ALONG SAID WEST LINE; THENCE WEST 114 FEET TO THE EAST LINE OF SOUTHWORTH TERRACE; THENCE SOUTH 186 FEET ALONG THE EAST LINE OF SOUTHWORTH TERRACE TO THE NORTH LINE OF EAST MAIN STREET; THENCE NORTHEASTERLY 143.6 FEET ALONG THE NORTH LINE OF EAST MAIN STREET TO THE WEST LINE OF SAID HAZARDS SUBDIVISION OF SECTION 14 TO THE POINT OF BEGINNING.

SUBJECT TO ANY AND ALL EASEMENTS AND RESTRICTIONS OF RECORD, OR OTHERWISE.

SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED IN A FULL AND ACCURATE TITLE SEARCH.

BEARINGS ARE RELATED TO THE MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE.

THE RELATIVE POSITIONAL PRECISION OF EACH CORNER IS WITHIN THE LIMITS ACCEPTED BY THE PRACTICE OF PROFESSIONAL SURVEYING IN MICHIGAN.



### **LEGEND**

	0	= SET 1/2" REBAR W/ CAP ID #43068	B₽	= BLUE PAINT
	$\triangleright$	= SET MAG NAIL	GP	= GREEN PAINT
	۵	= SET CHISELED MARKING	MH	= MANHOLE
	•	= FOUND IRON (AS NOTED)		= CURB INLET
	<b>•</b>	= FOUND MAG NAIL	PH	= PAY PHONE (DISCONNECTED)
	Ø	= UTILITY POLE	0	= SIGN
	(•	= GUY WIRE	•	= POST
	E	= ELECTRIC METER	×854.70'	= SPOT ELEVATION
	Αđ	= AIR CONDITIONER	**	= CONIFEROUS TREE
	RP	= RED PAINT	CED	= CEDAR
	$_{\odot}$ TM	= TELEPHONE MARKER POST	$\bigcirc$	= DECIDUOUS TREE
	⊡	= TELEPHONE PEDESTAL	MAP	= MAPLE
		= COMMUNICATION CLOSET	MULCL	= MULBERRY CLUSTER
		= COMMUNICATION CABINET	OAK	= OAK
	VLT	= COMMUNICATION VAULT	TRLOC	= TRIPLE LOCUST
	OP	= ORANGE PAINT	TRMUL	= TRIPLE MULBERRY
	ĸ	= GAS VALVE	TR	= TREE
	₀GM	= GAS MARKER POST	TRCL	= TREE CLUSTER
	ΥP	= YELLOW PAINT	TWMAP	= TWIN MAPLE
	M	= WATER VALVE	WAL	= WALNUT
	WM	= WATER METER		
		NAVD88 = NORTH AMERIC	CAN VERT	FICAL DATUM OF 1988
_		—— оне ——— = OVERHEAD UT	ILITY LINE	ES
_		= APPROXIMATE	BURIED I	ELECTRIC LOCATION
_		= APPROXIMATE	SANITAR	Y SEWER LOCATION
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_		G = APPROXIMATE	BURIED (	GAS LOCATION
_		T = APPROXIMATE	BURIED '	TELEPHONE LOCATION

### NOTES:

BLANKET EASEMENT FOR INGRESS AND EGRESS OVER THE SOUTH 53 FEET OF LOTS 1 AND 2, JOHN DEN BLEYKER SUBDIVISION. LIBER 5, PAGE 12, KALAMAZOO COUNTY RECORDS.

THE UNDERGROUND UTILITIES SHOWN, HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



269.327.3532

ALLEGAN
269.673.8465

ROYAL OAK
248.791.1371

www.gowightman.com

AARON D. SMITH PS - 4001043068 ROJECT ADDRESS:

EAST MAIN POCKET PARK KALAMAZOO, MI 49048

KALAMAZOO
COUNTY LAND
BANK AUTHORITY
1523 RIVERVIEW DRIVE, SUITE A

KALAMAZOO, MI 49004

2. ADDED PARCEL
DIMENSIONS
ADS 12/17/2020
1. ADDED PARCEL LINES.
ACE 12/16/2020
REVISIONS

NICZOFILEProjectsikalamazoo/204340 KCLB: Survey TopographicalBSO AutoCAD/204340 Topographic Survey.dwg 1 0F 1 12/17/2020 8:38:13 PM THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED.

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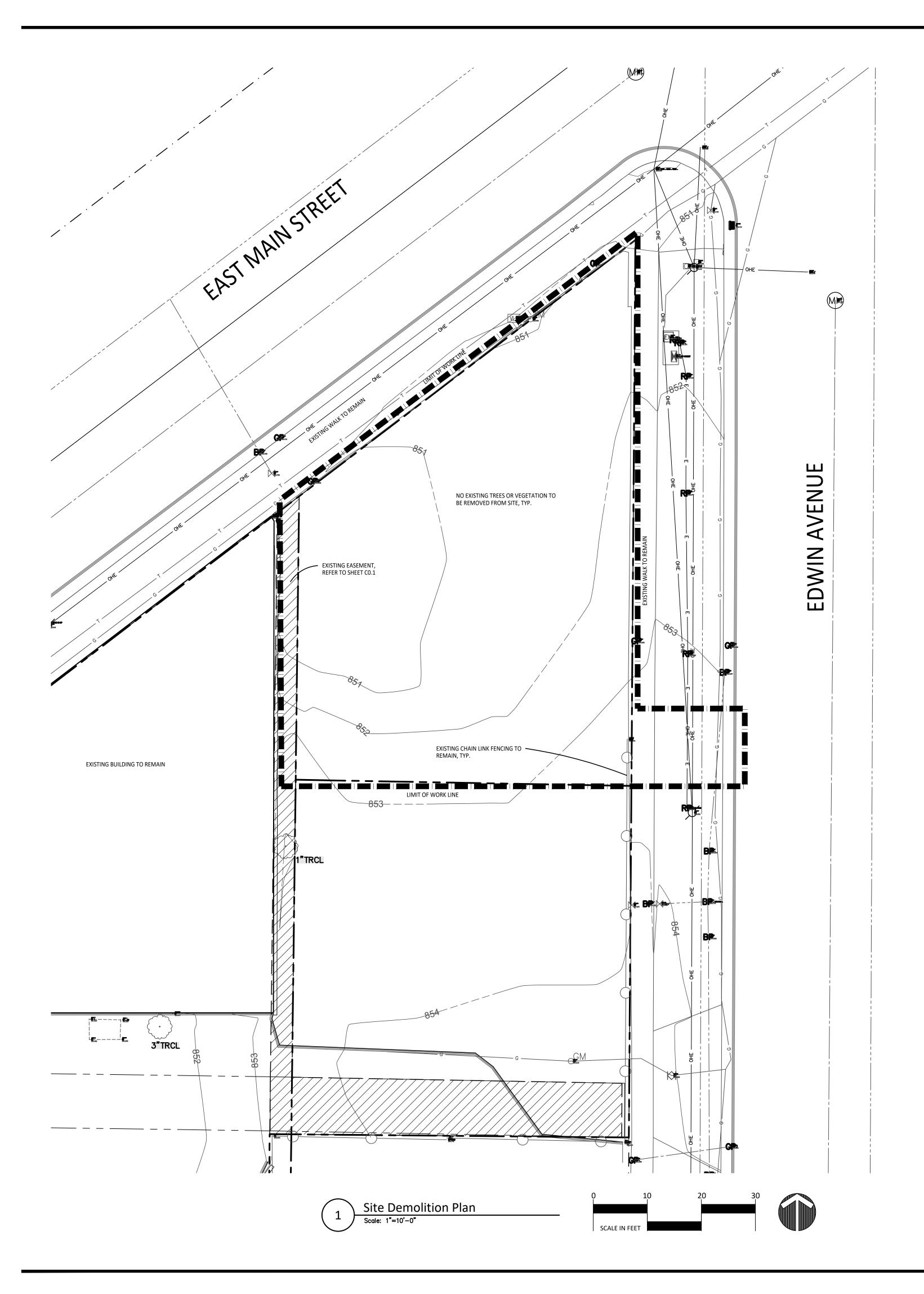
DATE: NOVEMBER 25, 2020 SCALE: AS NOTED

DRAWN BY: ACE

CHECKED BY: GDH

BOUNDARY AND TOPOGRAPHIC SURVEY

JOB No. 204340



# **DEMOLITION NOTES:**

1. SURVEY OF EXISTING CONDITIONS PROVIDED BY WIGHTMAN, 433 EAST RANSOM STREET, KALAMAZOO, MICHIGAN 49007 (269)327-3532.

2. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171.

3. PROTECT ALL TREES & EXISTING FEATURES TO REMAIN AS SPECIFIED.

4. REFER TO LAYOUT PLAN FOR LIMITS OF WORK.

5. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.

6. ALL AREAS OF TREE CLEARING SHALL BE STAKED FOR ARCHITECT'S APPROVAL PRIOR TO CLEARING.

7. ALL TOPSOIL AND EXCESS FILL MATERIAL SHALL BE STOCKPILED ON SITE SEPARATELY FOR LATER RE-USE. LOCATE STOCKPILES IN AREAS AS DIRECTED BY CONSTRUCTION MANAGER AND PROTECT FROM EFFECTS OF EROSION.

# DEMOLITION LEGEND:

LIMIT OF WORK



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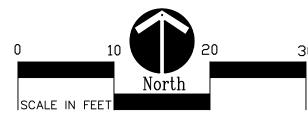
Project:

# Eastside Square Sunrise Plaza Improvements

### Kalamazoo, Michigan

Sheet Title

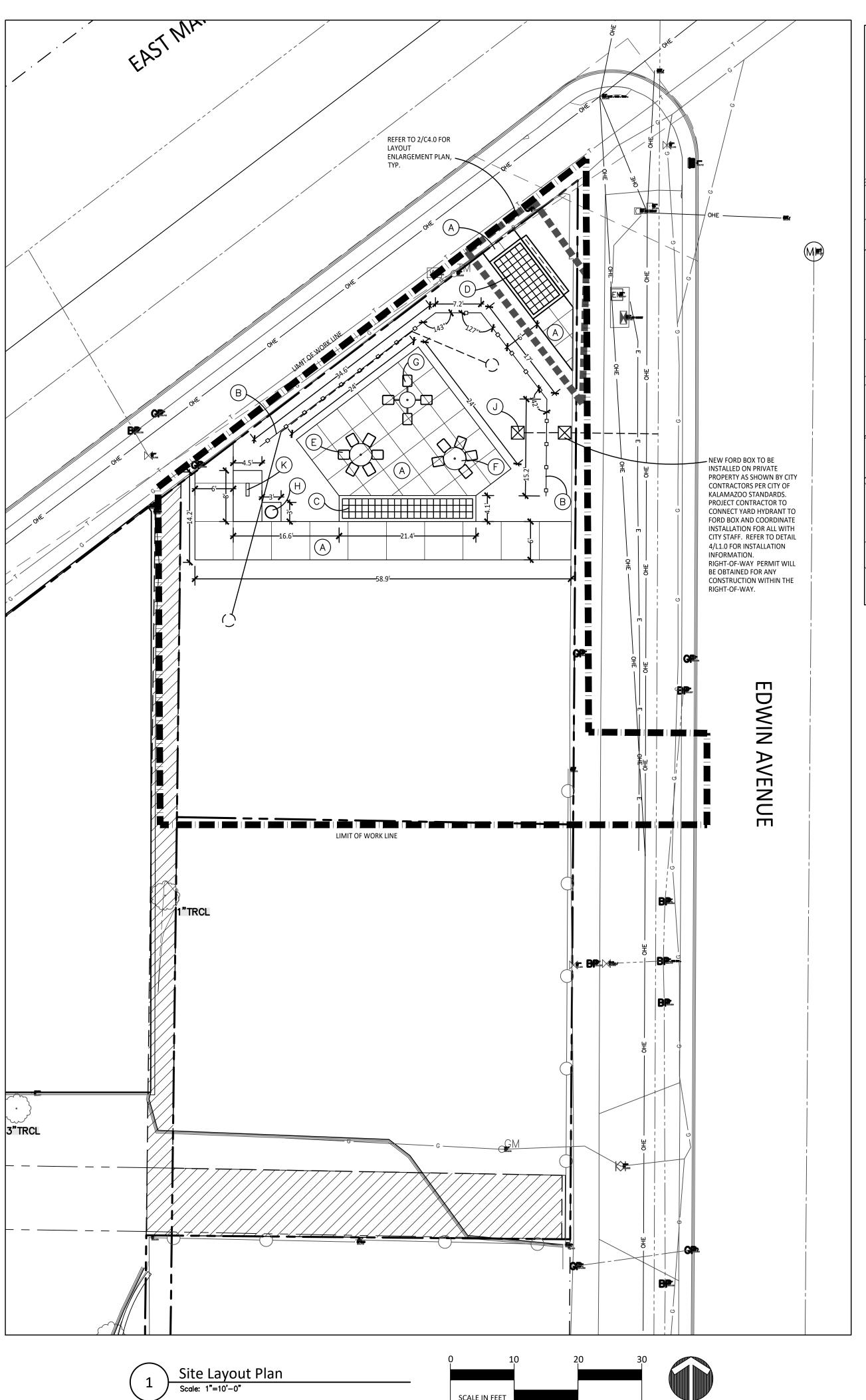
# Demolition Plan

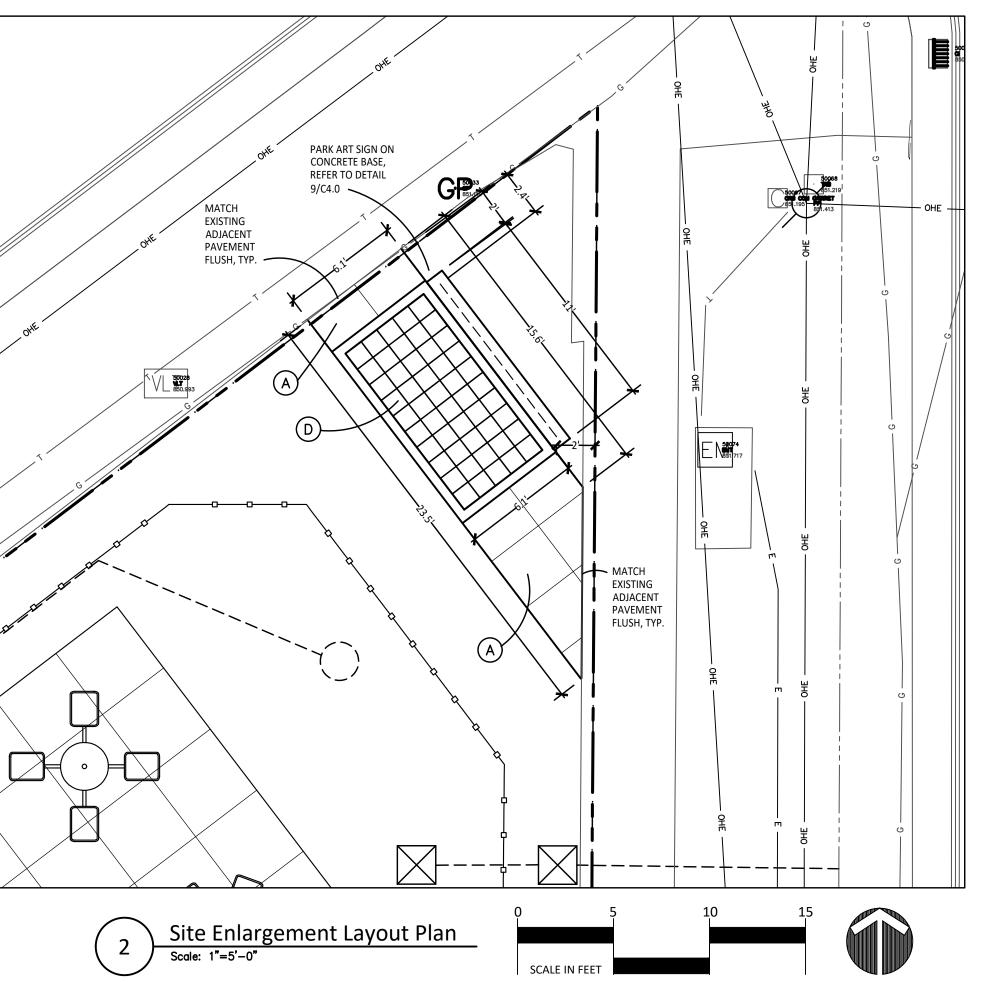


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Sheet No.

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### LAYOUT NOTES:

- L. SURVEY OF EXISTING CONDITIONS PROVIDED BY WIGHTMAN, 433 EAST RANSOM STREET, KALAMAZOO, MICHIGAN 49007 (269)327-3532.
- 2. PAVEMENT DIMENSIONS AND RADII ARE TO EDGE OF PAVEMENT OR BACK OF CURB.
- 3. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
- 4. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171.
- 5. PROVIDE BARRIER FREE PARKING SIGNS FOR ALL BARRIER FREE PARKING SPACES. ALL SIGNS TO COMPLY
- 6. SITE LAYOUT POINTS SHOULD BE ESTABLISHED AND PROTECTED FOR FUTURE SITE WORK.

WITH THE MDOT MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

ARCHITECTS 350 East Michigan Avenue, Suite #415 Kalamazoo, Michigan 49007 Phone (269) 381-3357 Fax (269) 381-2944

> Landscape Architecture **Urban Planning** Parks & Recreation Campus & Institutional Planning Camp Planning & Design

### PROPOSED EEXTURES I ECENID.

<b>PHO</b>	POSED FEATURES	LEGEND:
SYM	BOLDESCRIPTION	
x	4' HIGH DECORATIVE METAL FENCE	
	II■II■I■ LIMIT OF WORK	
KEY	DESCRIPTION	DETAIL
A	CONCRETE WALK	6 /C4.0
(B)	3' HIGH DECORATIVE METAL FENCING	3 /C4.0
	CONCRETE BASE A FOR ARTIST TILES	7 /C4.0
D	CONCRETE BASE B FOR ARTIST TILES	9 /C4.0
E	6 SEAT DINING HEIGHT TABLE	1 /C4.0
F	5 SEAT ADA DINING HEIGHT TABLE	2 /C4.0
G	4 SEAT CASUAL HEIGHT TABLE	4 /C4.0
H	TRASH RECEPTACLE	5 /C4.0
	YARD HYDRANT	4 /L1.0
K	BIKE RACK	8 /C4.0
SIGNS	*	
<b>S1</b>	ART PIECE (N.I.C.)	SEE SPECS.

### BARRIER-FREE NOTES

BARRIER-FREE PARKING AND ACCESSIBLE ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND MICHIGAN BARRIER-FREE CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- 1:50 (2%) MAXIMUM CROSS-SLOPE ON ACCESSIBLE ROUTE.
- NO CHANGES IN LEVEL GREATER THAN 1/2" ALONG ACCESSIBLE ROUTE.
- 1:20 (5%) MAXIMUM LONGITUDINAL SLOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED).
- 1:50 (2%) MAXIMUM SLOPE (IN ANY DIRECTION) IN B.F. PARKING AND ACCESS AISLES.

P. GETTER SET (SET LESS AND	
3 Intersection Sight Line Plan Scale: 1"=30'-0"  SCALE IN FEET	

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Project:

# Eastside Square Sunrise Plaza **Improvements**

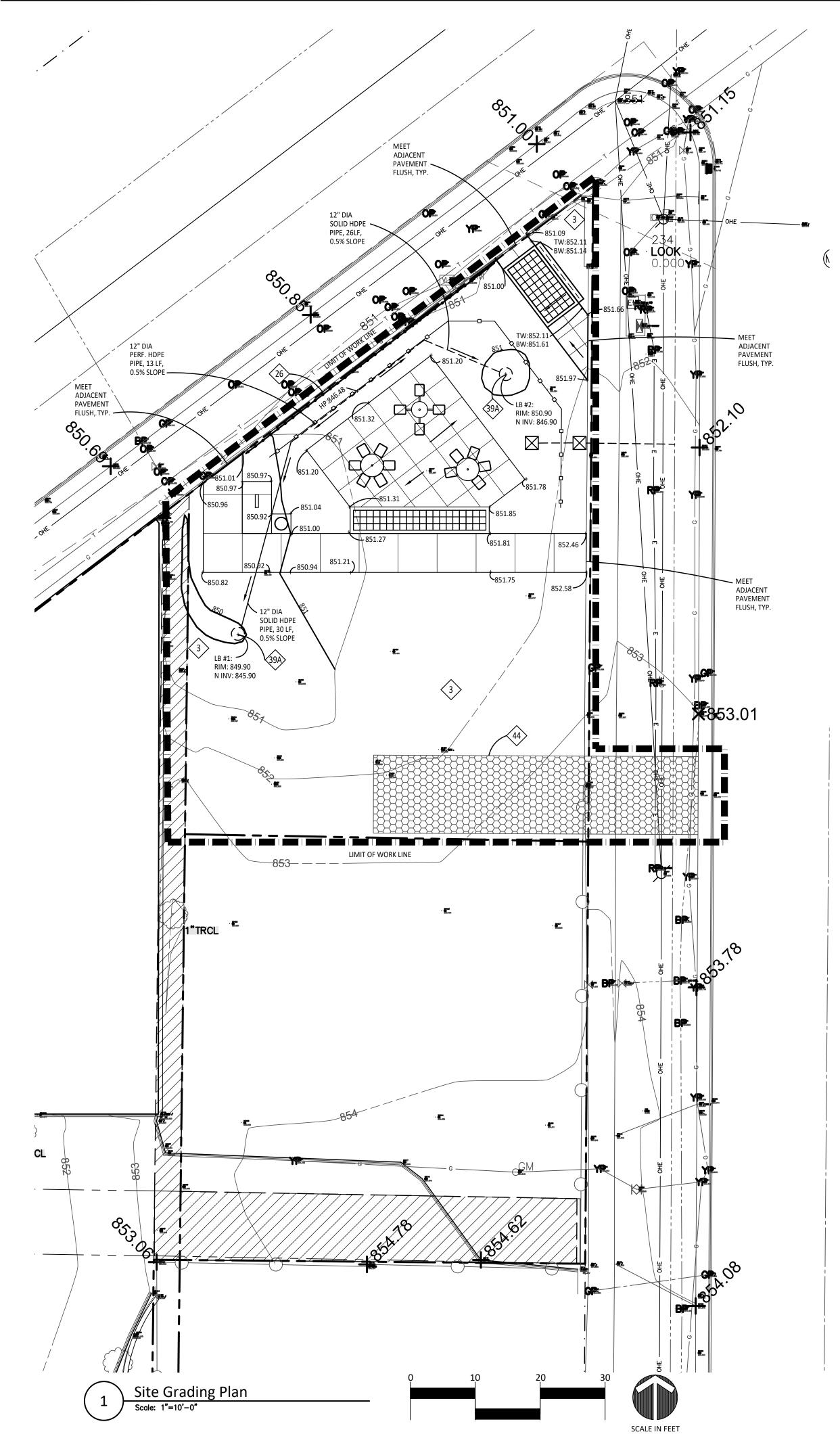
Kalamazoo, Michigan

Sheet Title

Layout Plan

C2.0 22007

Sheet No.



### GRADING NOTES:

- SURVEY OF EXISTING CONDITIONS PROVIDED BY WIGHTMAN, 433 EAST RANSOM STREET, KALAMAZOO, MICHIGAN 49007 (269)327-3532.
   VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT
- 3. ALL NEW PAVEMENTS AND TURF AREAS ARE INTENDED TO DRAIN FREELY WITH NO PONDING. IF THIS CANNOT BE ACHIEVED USING THE PROPOSED GRADES, NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY FOR RESOLUTION.
- 4. ALL NEW PAVEMENT ELEVATIONS AT EXTERIOR DOORS SHALL MATCH EXISTING FINISH FLOOR ELEVATIONS, TYPICAL
- 5. FINISH GRADE SLOPE AT ALL BARRIER FREE PARKING SPACES AND ACCESS AISLES SHALL NOT EXCEED 2% IN ALL DIRECTIONS, TYPICAL.
- 6. ADJUST TOP OF EXISTING MANHOLES, CATCH BASINS, VAULT COVERS, ETC. TO NEW FINISH GRADE AS REQUIRED.
- 7. SEE SITE MECHANICAL AND SITE ELECTRICAL PLANS FOR ALL ADDITIONAL SITE UTILITY DEMOLITION AND CONSTRUCTION.

### IMPORTANT NOTE

### GENERAL EARTHWORK NOTE:

CUTS AND FILLS AT THIS SITE MAY OR MAY NOT BALANCE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE REQUIRED EARTHWORK VOLUMES BASED ON THE GRADING PLAN SHOWN. IF FILL IS REQUIRED, THE CONTRACTOR SHALL INCLUDE THE REQUIRED VOLUME OF IMPORTED CLASS II SAND IN THE BASE BID PROPOSAL. IF EXCESS SOILS NEED TO BE SPOILED, THE CONTRACTOR SHALL INCLUDE HAULING AND SPOILING SOILS OFF SITE IN THE BASE BID PROPOSAL. NO CONTRACT COST ADJUSTMENTS WILL BE CONSIDERED FOR EARTHWORK REQUIRED TO BALANCE THE SITE.

### IMPORTANT NOTE

# EROSION CONTROL TIMELINE

ITEM	DESCRIPTION	APPROXIMATE TIME FRAME	NOTES:
1.	INSTALL SILT FENCING / PERIMETER EROSION CONTROL	SPRING '21	1. CONTRACTOR SHALL MONITOR AND MAINTAIN
2.	STRIP & STOCKPILE TOPSOIL	SPRING '21	ALL EROSION CONTROL DEVICES THROUGHOUT
3.	INSTALL STORM SEWER STRUCTURES AND PIPING	SPRING '21	THE CONSTRUCTION PERIOD.
4.	INSTALL INLET SEDIMENT FILTERS AT CATCH BASINS	SPRING '21	
5.	INSTALL PAVEMENT SUB-BASE	SUMMER '21	2. ADDITIONAL EROSION CONTROL MEASURES
6.	INSTALL TEMPORARY STABILIZATION SEEDING	SUMMER '21	SHALL BE IMPLEMENTED AS REQUIRED TO MINIMIZ
7.	INSTALL CONCRETE PAVING	SUMMER '21	SILT LEAVING THE CONSTRUCTION SITE.
8.	FINISH GRADE AND SEED / STABILIZE ALL AREAS	FALL '21	

### EROSION CONTROL REQUIREMENTS:

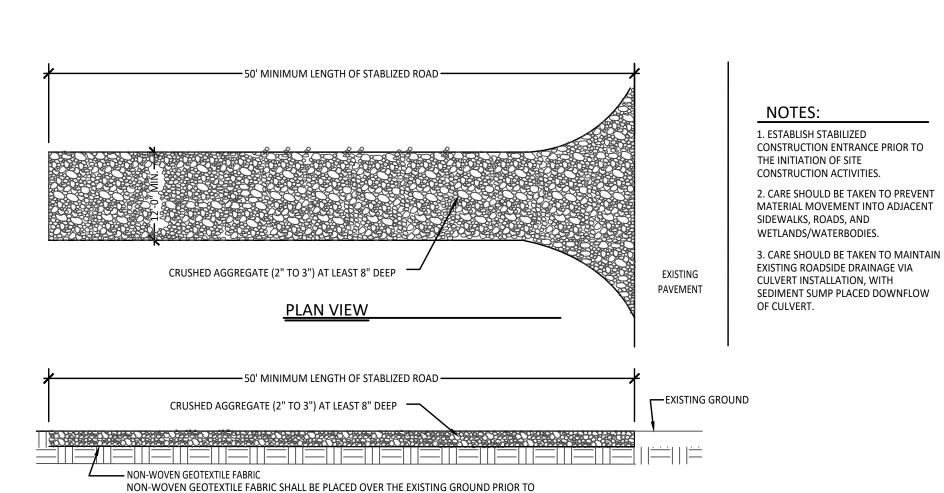
ALL CONSTRUCTION SHALL COMPLY WITH THE SOIL EROSION AND SEDIMENTATION CONTROL ACT (P.A. 347 OF 1972, AS AMENDED) AS ADMINISTERED BY CITY OF KALAMAZOO AND KALAMAZOO COUNTY. THE FOLLOWING EROSION CONTROL DEVICES ARE REFERENCED IN THE STANDARD EROSION CONTROL HANDBOOK PUBLISHED BY THE MICHIGAN DEPARTMENT OF TRANSPORTATION. (MDOT DRAWING R-96-C, 8-9-2001)

### ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED AT THE END OF CONSTRUCTION. TEMPORARY EROSION CONTROL DEVICES SHOULD BE IN PLACE PRIOR TO EXCAVATION, TO THE EXTENT POSSIBLE.

	<del></del> !				
KEY	DESCRIPTION	TEMPORARY / PERMANENT	KEY	DESCRIPTION	TEMPORARY / PERMANEN
3	PERMANENT/TEMPORARY SEEDING	Р	39A>	INLET PROTECTION FABRIC DROP	Т
26	GEOTEXTILE SILT FENCE	Т	44>	GRAVEL ACCESS APPROACH	Т

# STORM STRUCTURE SCHEDULE :

STORM SEWER SYSTEM STRUCTURE SUMMARY							
PROPOSED STRUCTURE #	DIAMETER	RIM TYPE	RIM ELEVATION AT FLOW LINE	INVERT ELEVATION	INVERT DIRECTION	COMMENTS	
							,
LB #1	2'	EJIW 6508 - O	849.90	845.90	NORTHEAST		
LB #2	2'	EJIW 6508-O	850.90	846.90	NORTHWEST		



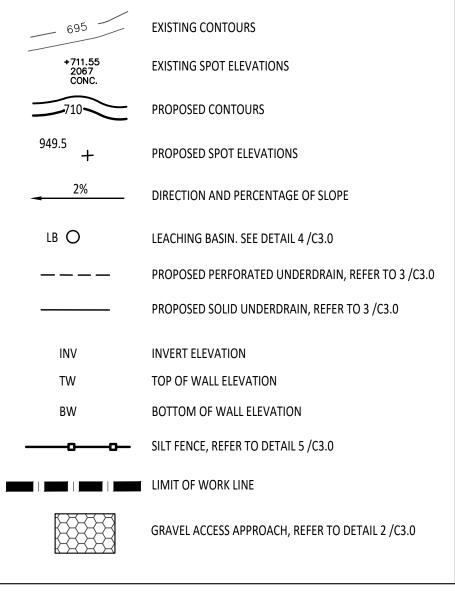
<u>PROFILE</u>

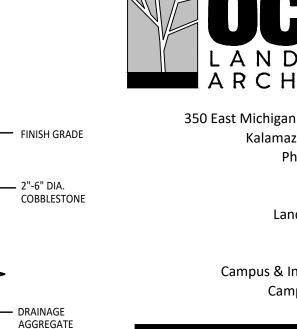
PLACING STONE.

Stabilized Construction Access Detail

NOT TO SCALE

# PROPOSED FEATURES LEGEND:





\_ 12" DIA. PERFORATED

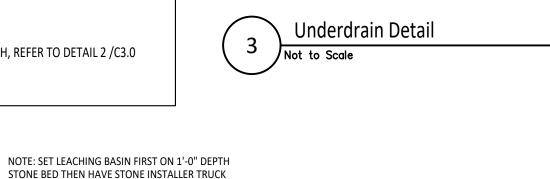
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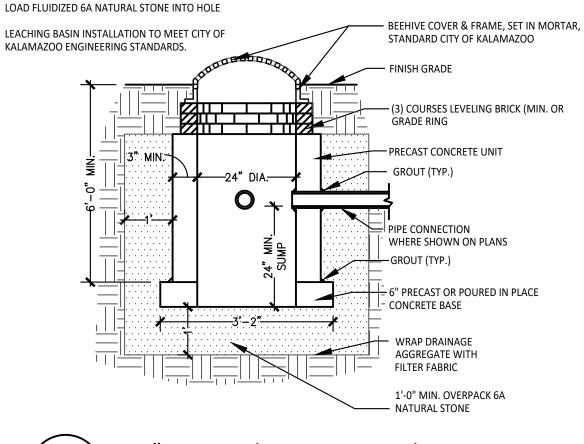
UNDERDRAIN PIPE IN



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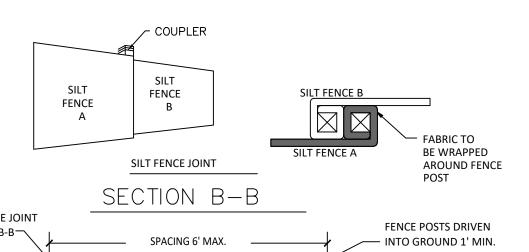
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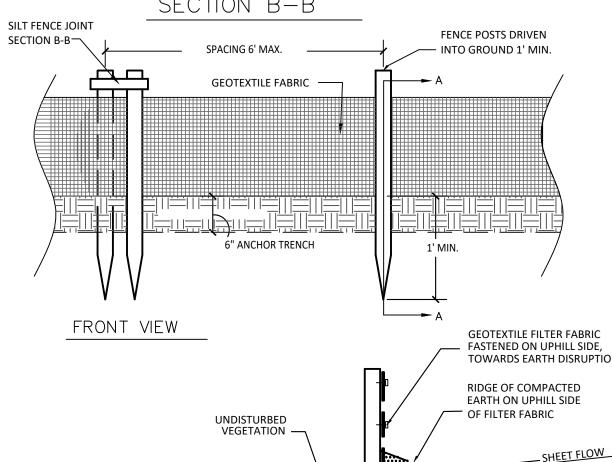


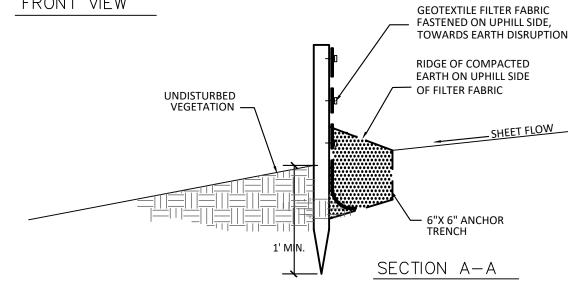


4 Dia. Leaching Basin Detail

Not to Scale







Silt Fence Detail

Not To Scale

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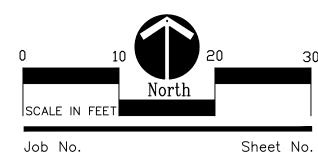
Date
01-08-21
02-03-21
02-10-21

# Eastside Square Sunrise Plaza Improvements

# Kalamazoo, Michigan

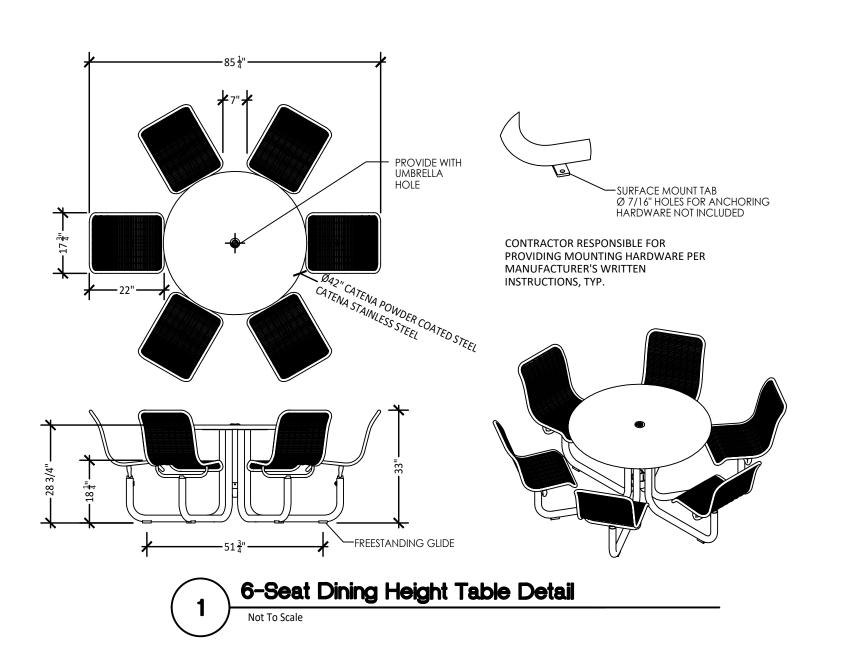
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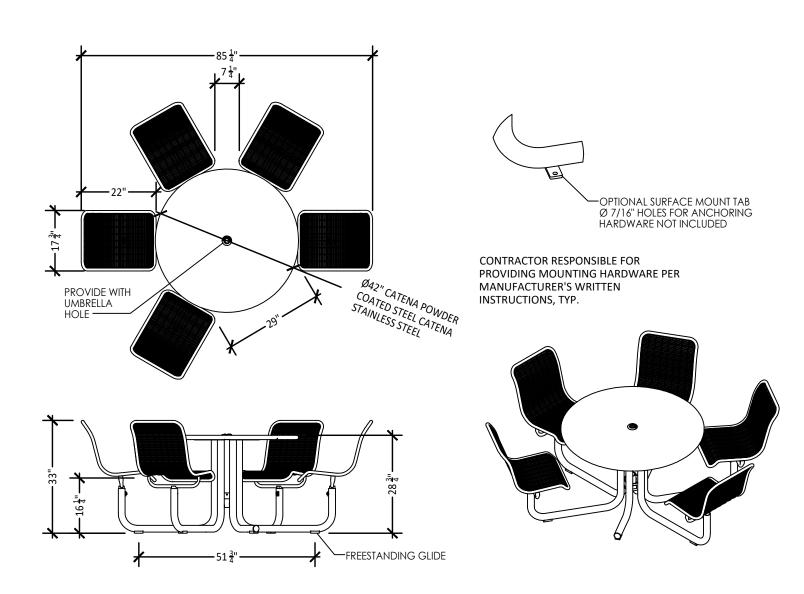
# Grading Plan



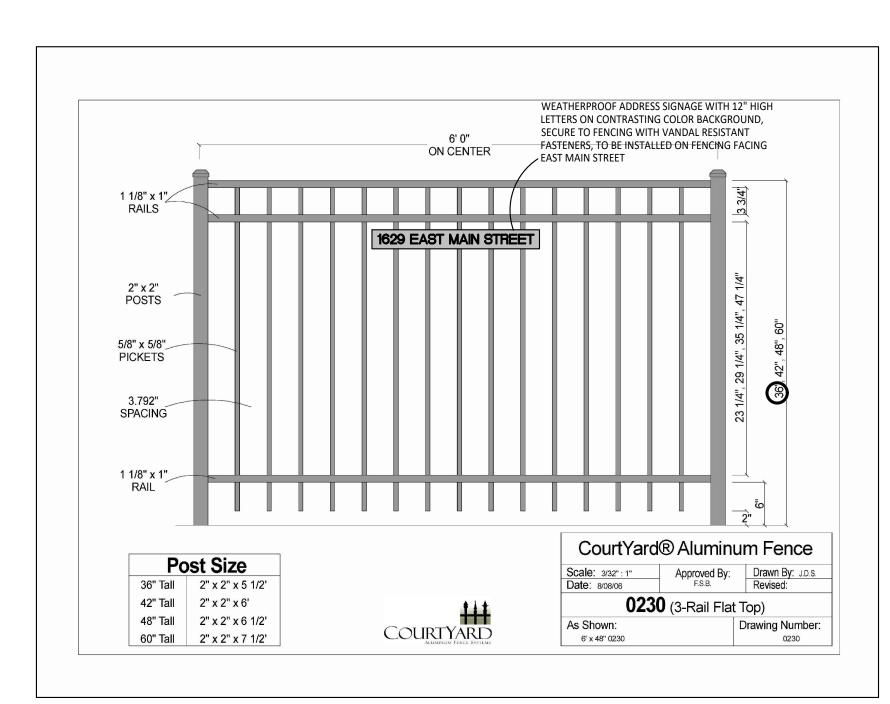
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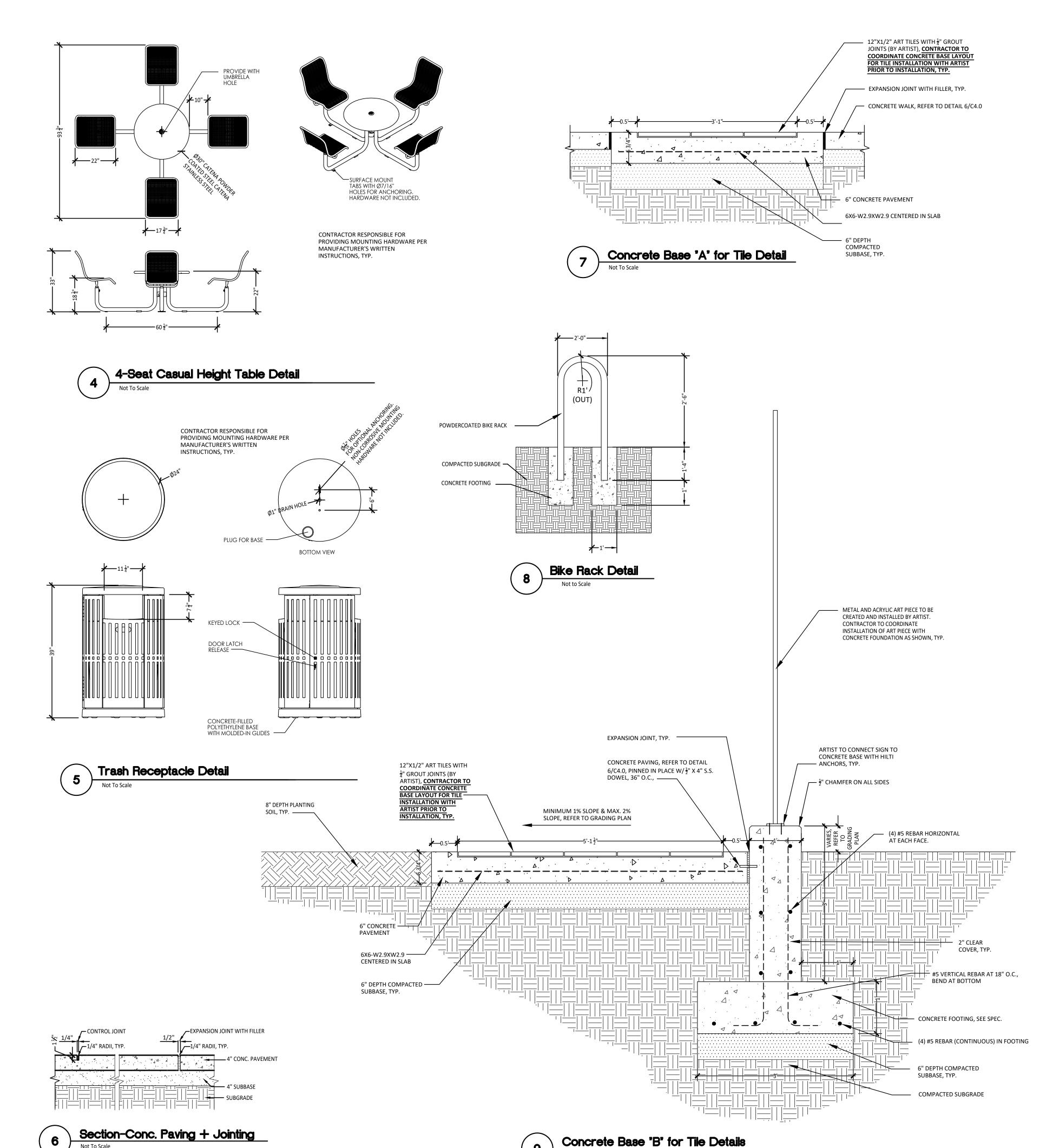




5-Seat ADA Dining Height Table Detail









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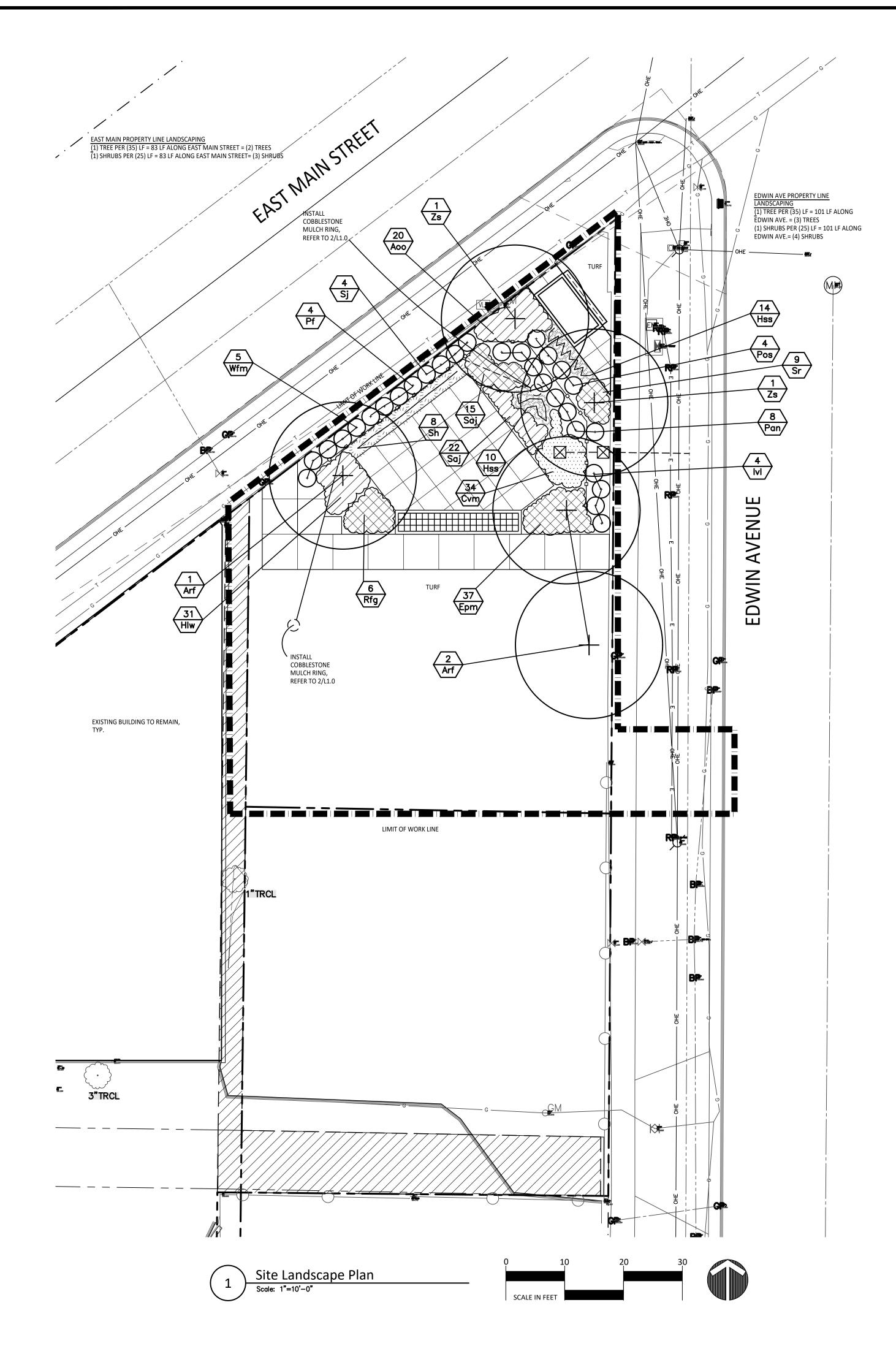
Sheet Title

22007

# **Details**

lob No.

**C4** 



### LANDSCAPE NOTES:

- 1. SURVEY OF EXISTING CONDITIONS PROVIDED BY WIGHTMAN, 433 EAST RANSOM STREET, KALAMAZOO, MICHIGAN 49007, (269)327-3532
- 2. CALL "MISS DIG" AND VERIFY ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171.

  ANY UTILITIES DISTURBED BY CONSTRUCTION SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.
- 3. ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS SHOULD BE REPORTED TO THE CONSTRUCTION MANAGER IMMEDIATELY FOR RESOLUTION.
- 4. IN AREAS OF NEW TURF PLACE 4" MINIMUM TOPSOIL, FINE GRADE & ESTABLISH TURF WITHIN SEED LIMIT LINES.
- 5. PLACE SHREDDED HARDWOOD MULCH TO A 3" DEPTH IN ALL TREE & SHRUB BEDS & TO A 2" DEPTH IN ALL GROUND COVER BEDS.
- 6. UNLESS OTHERWISE NOTED, TOPSOIL, FINE GRADE AND SEED ALL DISTURBED AREAS WITHIN THE SEEDING LIMIT SHOWN AND AREAS DISTURBED BY CONSTRUCTION.
- 7. REPAIR AND RESTORE ANY DAMAGE OUTSIDE OF LIMIT OF WORK LINE TO ORIGINAL CONDITION.
- 8. PROTECT ALL TREES AND EXISTING FEATURES TO REMAIN AS SPECIFIED.
- 9. ALL TOPSOIL AND EXCESS FILL MATERIAL SHALL BE STOCKPILED ON SITE SEPARATELY FOR LATER RE-USE. LOCATE STOCKPILES IN AREAS AS DIRECTED BY CONSTRUCTION MANAGER AND PROTECT FROM EFFECTS OF EROSION.
- 10. ALL NURSERY STOCK SHALL BE TRUE TO TYPE AND NAME. ALL STOCK SHALL BE FIRST CLASS QUALITY WITH WELL DEVELOPED BRANCH SYSTEMS AND VIGOROUS HEALTHY ROOT SYSTEMS. ALL STOCK SHALL BE WELL FORMED AND THE TRUNKS OF TREES SHALL BE UNIFORM AND STRAIGHT.
- 11. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR IRRIGATION SCHEDULING FOR THE ENTIRE MAINTENANCE PERIOD UNLESS OTHERWISE NOTED.
- 12. CONTRACTOR RESPONSIBLE TO LOCATE SITE LIGHTING SERVICES. CONTRACTOR RESPONSIBLE TO NOTIFY CONSTRUCTION MANAGER IF DAMAGE TO LIGHTING ELECTRICAL DISTRIBUTION OCCURS.
- 13. ALL AREAS OF TREE CLEARING SHALL BE STAKED FOR ARCHITECTS APPROVAL PRIOR TO CLEARING.

\ Shrub Planting Detail

18" NPT DRAIN HOLE

INFORMATION, TYP.

INSTALLATION OF YARD HYDRANT TO BE

COORDINATED WITH CITY OF KALAMAZOO

ENGINEERING DEPARTMENT AND MUST MEET CITY

REFER TO DETAIL INCLUDED IN SPECIFICATIONS FOR

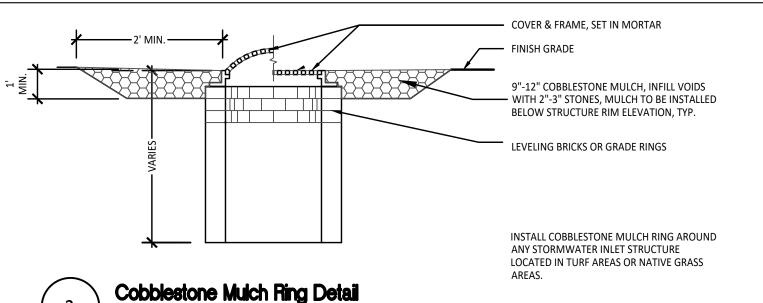
NOT TO SCALE

Yard Hydrant Detail

ADDITIONAL INSTALLATION AND COORDINATION

OF KALAMAZOO STANDARDS AND CODES, TYP.

14. UNLESS OTHERWISE SPECIFIED, ALL PERENNIALS, GRASSES AND GROUNDCOVERS SHALL BE GROWN IN THEIR CONTAINER FOR ONE YEAR PRIOR TO INSTALLATION.



-3" MULCH — FORM SAUCER AROUND SHRUB

- PLANTING MIXTURE

9" DEPTH SETTING LAYER OF 50% PLANTING MIXTURE

WOODFORD FREEZELESS WATER YARD HYRRANT,

— 1.25" DIAMETER WATER LINE

FILL WITH LOOSE GRAVEL

DRAINAGE

AROUND VALVE BODY FOR

MODEL #Y34

GROUND LEVEL

FROST LINE

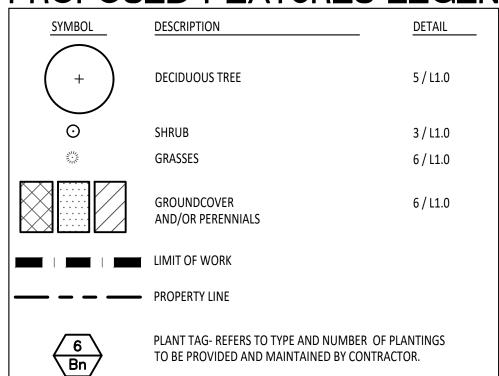
<sup>3</sup>∥ FEMALE

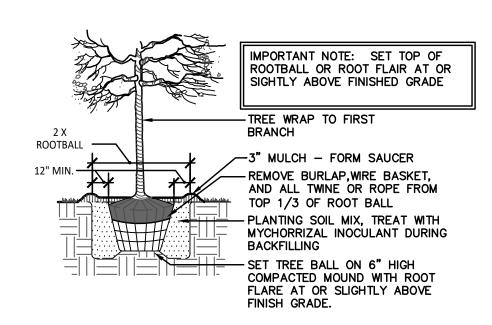
THREAD

PIPE

TILLED INTO EXISTING SOIL AND COMPACTED

# PROPOSED FEATURES LEGEND:

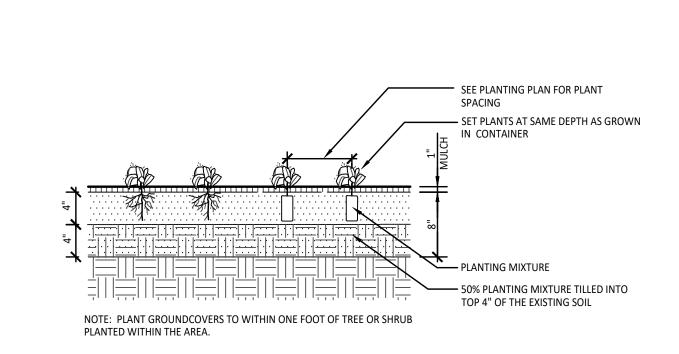


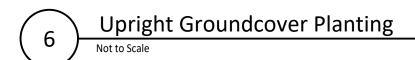




# PLANT LIST:

	SYM.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COM.
DECIDUOUS TREES	Arf Zs	Acer rubrum 'Franksred' Zelkova serrata 'Green Vase'	Red Sunset Red Maple Green Vase Zelkova	2" Cal. 3" Cal.	B&B B&B	
SHRUBS	IVI Pos Pan Pf Rc Wfm	Itea v. 'Little Henry' Physocarpos opulifolius 'Little Devil' Picea abies 'Little Gem' Potentialla fruticosa "Goldfinger" Rosa 'Carefree Wonder' Weigela florida 'Minuet'	Little Henry Virginia Sweetspire Little Devil Ninebark Little Gem Spruce Goldfinger Cinquefoil Carefree Wonder Shrub Rose Minuet Weigela	15" Ht. 18" Ht. 3 Gal. 3 Gal. 15" Ht. 18" Ht.	Cont. B&B Cont. Cont. B&B Cont.	3' O.C. 4' O.C. 3' O.C. 3' O.C. 3' O.C. 3' O.C.
PERENNIALS, GROUND COVERS  NOTE: Unless otherwise specified, all perennials, grasses and groundcovers shall be grown in their container for one year prior to installation.	Aoo Cvm Epm HIw Rfg Saj Srf	Aster oblongifolius 'October Skies' Coreopsis verticillata 'Moonbeam' Echinacea purpurea 'Magnus' Hemmerocalis 'Little Wine Cup' Rudbeckia fulgida 'Goldsturm' Sedum x 'Autumn Joy' Solidago rugosa 'Fireworks'	October Skies Aster Moonbeam Coreopsis Magnus Purple Coneflower Little Wine Cup Daylily Black Eyed Susan Autumn Joy Stonecrop Fireworks Goldenrod	1 Gal. 1 Gal. 1 Gal. 1 Gal. 1 Gal. 1 Gal.	Cont. Cont. Cont. Cont. Cont. Cont. Cont. Cont.	2' O.C. 18" O.C. 18" O.C. 3' O.C. 3' O.C. 2' O.C.
ORNAMENTAL GRASSES	Hss Sh	Helictotrichon sempervirens 'Sapphire' Sporobolus heterolepsis	Sapphire Blue Oat Grass Prairie Dropseed Grass	1 Gal. 1 Gal.	Cont.	18" O.C. 3' O.C.







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Landscape Architecture
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Issued For:	Date
SITE PLAN REVIEW	01-08-2
SPR RE-SUBMITTAL	02-03-2
ISSUE FOR BID	02-10-2

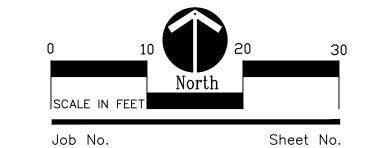
Project:

# Eastside Square Sunrise Plaza Improvements

### Kalamazoo, Michigan

Sheet Title

# Landscape Plan



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