City Council Agenda Item Report

FROM: Ryan Cummins, City Manager

MEETING DATE: September 9, 2026

SUBJECT: Engineering Designs for Village Square Improvements

DESCRIPTION:

Refreshing the Village Square courts is a priority for the current fiscal year. Resurfacing the tennis and basketball courts and developing new recreational use areas are also identified projects in the Tri-Community Parks and Recreation Master Plan.

Following several workshop discussions and a recommendation from the Parks and Public Works Committee, City Council approved Concept 1, including the improvements outlined below, along with the design engineering proposal and Donation Agreement for Village Square Park. Council also authorized the City Manager to obtain all required permits and approvals, including Historic District Commission approval.

Planned improvements will modernize and enhance Village Square Park's recreational amenities, including resurfacing and expanding the basketball court to standard dimensions, upgrading the existing tennis/pickleball court combination with improved striping and adjustable netting, and adding a new shuffleboard court and additional seating. The project also incorporates universal accessibility features, improved walkways, stormwater management elements such as rain gardens, and broader site enhancements to better serve the community.

Our engineers at Fleis & VandenBrink have prepared the attached designs and renderings and will attend the workshop to provide City Council with an update on the project.

BUDGET ACTION REQUIRED:

None at this time. $240,000 is budgeted for this fiscal year. A $100,000 donation was received last fiscal year. A recreational passport grant in the amount of $150,000 was previously awarded by DNR. Reimbursement of eligible expenses will occur throughout the project.

LEGAL REVIEW:
The City Attorney will be at your meeting if you have any questions.

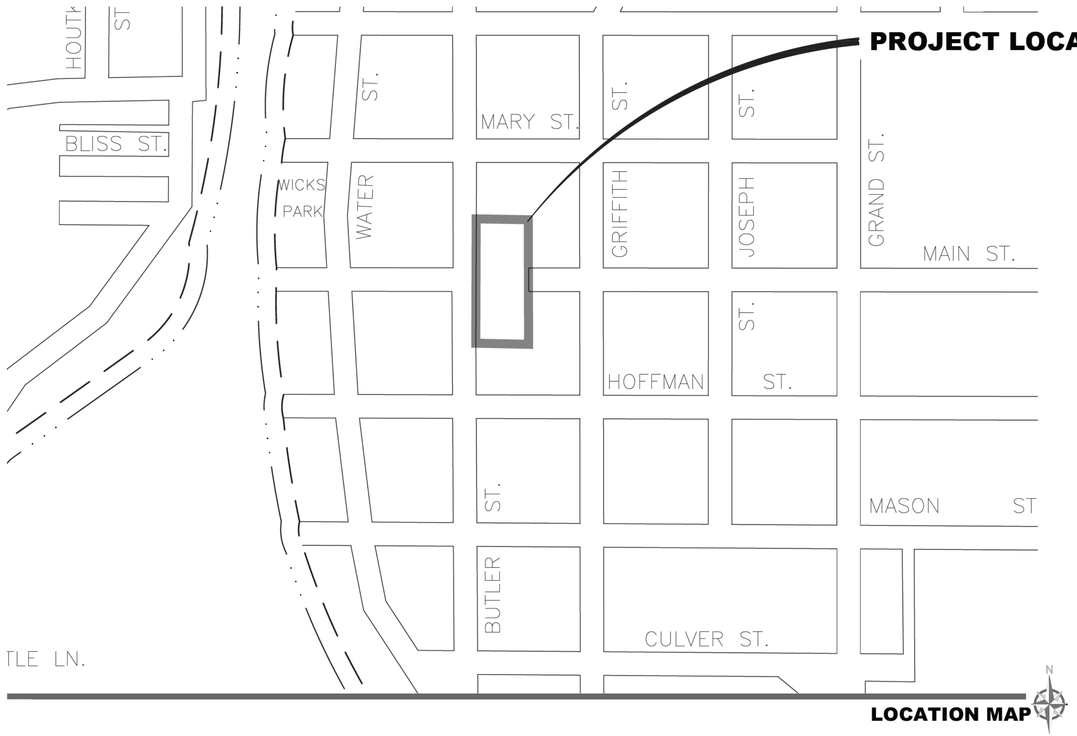
SAMPLE MOTION:
Workshop review.

CITY OF SAUGATUCK
ALLEGAN COUNTY, MICHIGAN
IN COOPERATION WITH
MICHIGAN DEPARTMENT OF NATURAL RESOURCES

VILLAGE SQUARE PARK IMPROVEMENTS
SEPTEMBER 2026



VICINITY MAP



LOCATION MAP

Sheet List Table

Sheet Number	Sheet Title
G-001	COVER SHEET
V-101	EXISTING CONDITIONS
V-102	REMOVALS
C-101	SESC PLAN
C-102	SITE LAYOUT PLAN
C-103	GRADING
C-501	DETAILS
C-502	DETAILS
C-503	DETAILS
L-101	LANDSCAPE PLAN

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

FLEIS&VANDENBRINK
DESIGN. BUILD. OPERATE.

CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS
COVER SHEET

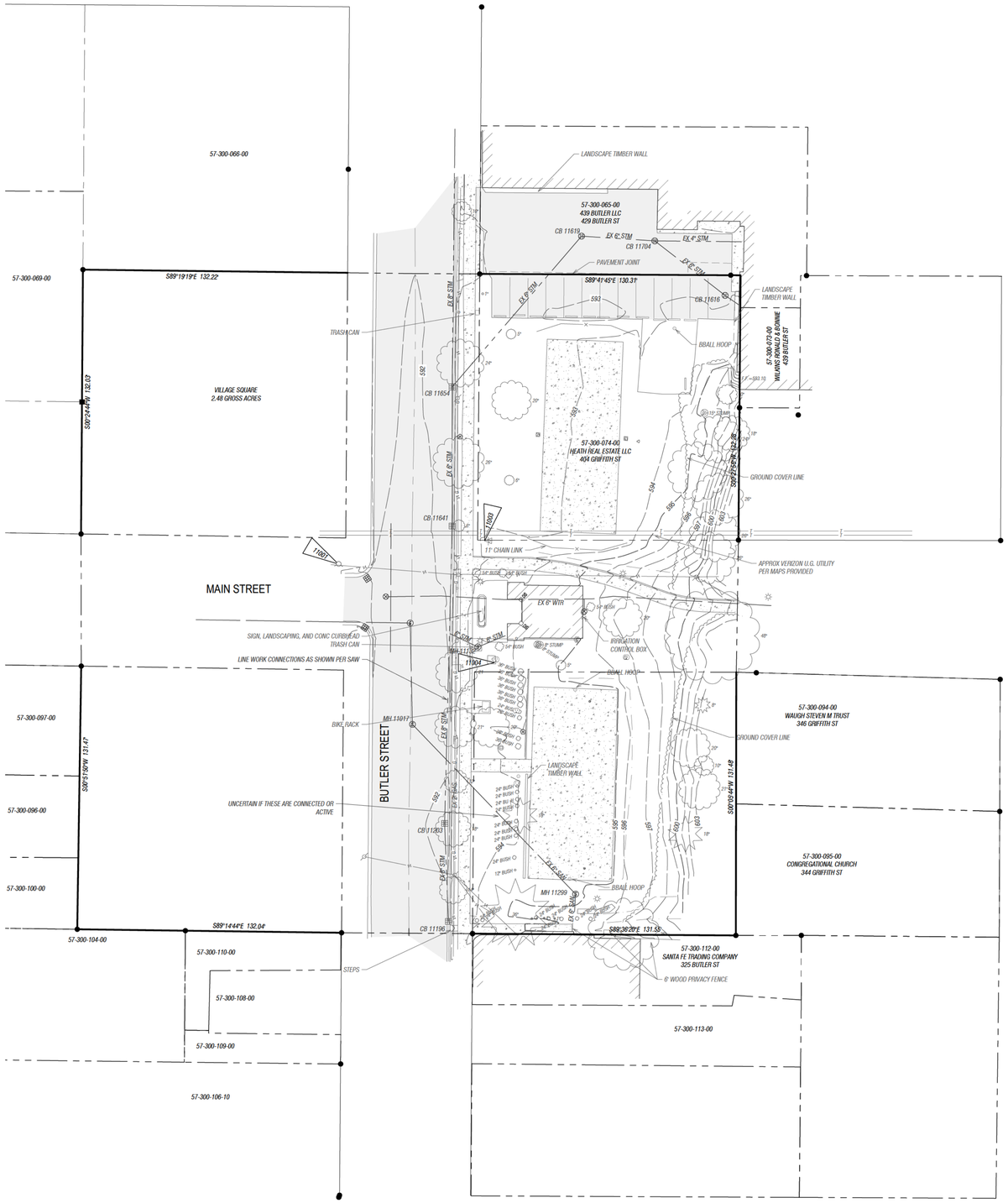
DESIGN TEAM	PROJ MNGR: AEG DESIGNED BY: AEG DRAWN BY: AEG
	CHECKED BY: JWM

NOT FOR CONSTRUCTION

F&V PROJECT NO.
876820

G-001

M:\Proj876001-879000\876820 Saugatuck - Village Square Park Improvements\Cad\Plns\G-001 COVE.dwg Thursday, September 03, 2026 at 11:08am aman.gotshan



NOTES:

THE LOCATION OF UTILITIES DEPICTED ON THIS DRAWING WERE DETERMINED FROM ON-SITE OBSERVATION AND FROM RECORDS PROVIDED BY OTHERS. SOME UTILITIES MAY NOT BE SHOWN, BUT ARE PRESENT. UTILITIES MAY NOT BE IN THE EXACT POSITION SHOWN. BEFORE CONSTRUCTION OR ANY SUBSURFACE WORK CONTACT MISS DIG AND EXERCISE CAUTION.

AT THE TIME OF THIS SURVEY, FLEIS AND VANDENBRINK ENGINEERING, INC. HAS NOT REVIEWED THIS PROJECT FOR ENVIRONMENTAL CONCERNS, SOIL CONTENT, FLOOD ZONE OR WETLAND CONCERNS EXCEPT AS SHOWN.

BEARINGS/COORDINATE SYSTEM BASED ON: NAD83 MICHIGAN STATE PLANE, SOUTH ZONE, INTERNATIONAL FOOT

THE VERTICAL DATUM USED FOR THIS PROJECT IS: NAVD88

THE BUILDING(S) DEPICTED ON THIS SURVEY ARE APPROXIMATE. NO BUILDING MEASUREMENTS AT GROUND LEVEL WERE ASKED TO BE REVIEWED AS A PART OF THIS SURVEY. HENCE, SAID BUILDING LAYOUT AND DIMENSIONS SHOULD NOT BE USED FOR ARCHITECTURAL DESIGN PURPOSES.

THE CONTOURS DEPICTED ON THIS SURVEY WERE GENERATED FROM A TOPOGRAPHIC SURVEY COMPLETED BY FLEIS AND VANDENBRINK ENGINEERING, INC. IN MARCH 2026. CONTOUR INTERVAL = 1'.

ANY ELECTRONIC REPRODUCTION OF THIS SURVEY SHOWING A COPY OF THE SIGNATURE AND IMPRESSION OF A PROFESSIONAL SURVEYOR'S SEAL IS PROVIDED FOR COURTESY PURPOSES ONLY AND SHALL NOT BE CONSIDERED AS THE ACTUAL SURVEY DOCUMENT. FLEIS & VANDENBRINK ENGINEERING, INC. IS NOT RESPONSIBLE FOR ANY UNAUTHORIZED USE, MISUSE OR COPY OF THIS DOCUMENT.

EXISTING STORM CATCH BASINS:

EX STM CB 11619
RIM = 592.07
INV = 590.47 (6" E)
INV = 590.37 (6" SW)

EX STM CB 11704
RIM = 592.28
INV = 590.88 (4" E)
INV = 590.78 (6" SE)
INV = 590.68 (6" W)

EX STM CB 11616
RIM = 592.64
INV = 591.01 (6" SE)
INV = 590.99 (6" NW)

EX STM CB 11654
RIM = 591.25
INV = 588.90 (6" NE)
INV = 585.5± (6" S)PER SAW NOT VISIBLE
INV = 585.5± (8" N) PER SAW NOT VISIBLE
SEDIMENT =586.85

EX STM CB 11641
RIM = 591.45
INV = 584.5± (6" S)PER SAW

EX STM MH 11132
RIM = 593.23
INV = 591.1± (6" NE)PER SAW
INV = 590.2± (6" NW)PER SAW

EX SAN MH 11017
RIM = 592.63
INV = 588.9± (6" SE) PER SAW
INV = 582.6± (6" SE DROP) PER SAW
INV = 581.1± (8" N) PER SAW

EX STM CB 11203
RIM = 590.98
INV = 586.0± (8" N)PER SAW NOT VISIBLE
INV = 586.0± (8" S)PER SAW NOT VISIBLE
SEDIMENT = 587.98

EX STM CB 11196
RIM = 592.36
6" VERTICAL PIPE
NOT ASSESSED OR LOCATED AS PART OF SA

EX SAN MH 11299
RIM = 594.89
INV = 590.29 (6" S)
INV = 590.24 (6" NW)

EXISTING LEGEND:

NOTE: ALL ITEMS LISTED ON THE LEGEND MAY NOT BE PRESENT ON DRAWING

- SECTION CORNER
- SURVEY CONTROL POINT
- BM #1 BENCHMARK
- FOUND IRON ROD
- FOUND CONCRETE MONUMENT
- SET CAPPED IRON ROD
- SET CONCRETE MONUMENT
- MONUMENT BOX
- SIGN
- STREET SIGN
- BUMPER BLOCK
- MAIL BOX
- MONITORING WELL
- BOLLARD
- POST

STORM:
- MANHOLE
- ROUND CATCH BASIN
- SQUARE CATCH BASIN
- FLARED END SECTION
- PIPE INVERT
- CLEANOUT
- DOWNSPOUT

SANITARY:
- MANHOLE
- CLEANOUT
- VALVE & BOX

CABLE TV:
- MANHOLE
- HANDHOLE
- RISER
- MARKER

- UTILITY POLE
- GUY ANCHOR
- ROCK
- SOIL BORING
- RAILROAD CROSSING
- PEDESTRIAN CROSSING
- PEDESTRIAN PUSH BUTTON
- PARKING METER
- STRAIN POLE
- TRAFFIC SIGNAL
- AIR CONDITIONER
- FLAG POLE
- VENT
- ANTENNA
- HIGHWAY DELINEATOR

WATER:
- MANHOLE
- VALVE & BOX
- CURB STOP & BOX
- FIRE HYDRANT
- WELL
- METER
- FIRE DEPARTMENT CONNECTION

NATURAL GAS:
- VALVE & BOX
- METER
- MARKER

FIBER OPTIC:
- MANHOLE
- HANDHOLE
- RISER
- MARKER

- CONIFEROUS TREE
- DECIDUOUS TREE
- BUSH
- DEAD TREE
- STUMP
- UNKNOWN MANHOLE
- UNKNOWN CLEANOUT
- UNKNOWN HANDHOLE
- UNKNOWN RISER
- FILL PORT
- ELECTRICAL OUTLET
- SPRINKLER VALVE
- SPRINKLER HEAD

ELECTRIC:
- MANHOLE
- HANDHOLE
- METER
- LIGHT POLE
- GROUND LIGHT
- WALL LIGHT
- TRANSFORMER
- RISER
- MARKER
- STREET LIGHT

TELEPHONE:
- MANHOLE
- HANDHOLE
- RISER
- MARKER

- ASPHALT
- CONCRETE / SIDEWALK
- BUILDING
- BOUNDARY LINE
- RIGHT OF WAY LINE
- EASEMENT LINE
- CURB & GUTTER
- ASPHALT CURB
- DITCH
- EDGE OF WATER
- FENCE
- GUARD RAIL
- HAND RAIL
- WETLAND
- MAJOR CONTOUR
- MINOR CONTOUR
- BOTTOM OF BANK
- TOP OF BANK
- LANDSCAPING
- BUSH LINE
- BRUSH LINE
- TREE LINE

- BRICK
- GRAVEL
- RIP RAP
- SECTION LINE
- PARCEL LINE
- PLAT LINE
- LANDSCAPE CURB
- SANITARY SEWER
- SANITARY LATERAL
- FORCE MAIN
- STORM SEWER
- STORM LATERAL
- UNDERDRAIN
- WATER MAIN
- WATER SERVICE
- OVERHEAD WIRE
- UNDERGROUND CABLE
- UNDERGROUND FIBER
- UNDERGROUND GAS
- UNDERGROUND PHONE
- UNDERGROUND ELECTRIC

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CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS
EXISTING CONDITIONS

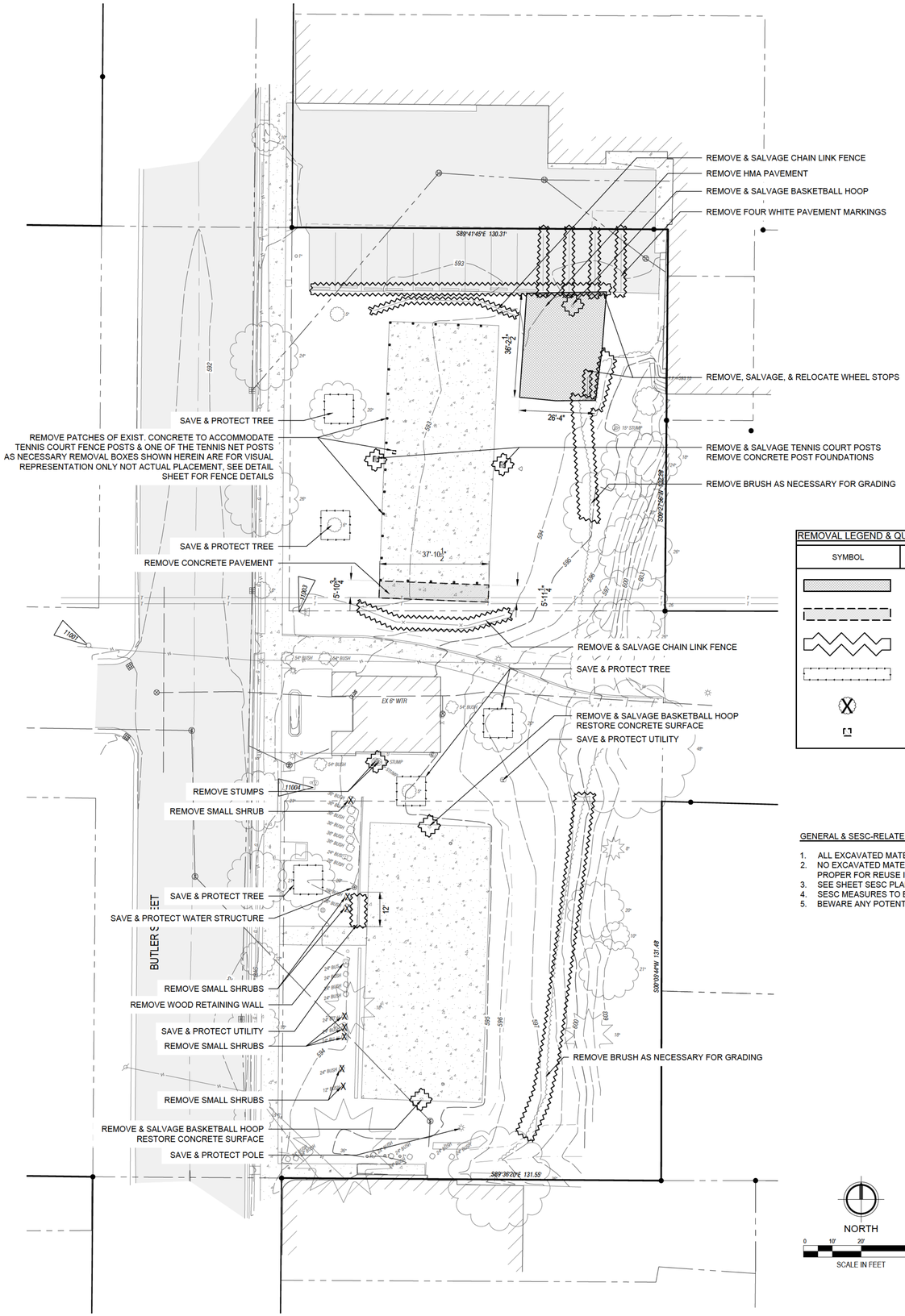
DESIGN TEAM	PROJ MNGR: AEG DESIGNED BY: AEG DRAWN BY: AEG CHECKED BY: JWM

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F&V PROJECT NO.
876820

V-101

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REMOVAL LEGEND & QUANTITIES

SYMBOL	ITEM NAME	QTY	SPECIFIC NOTES
	HMA PAVEMENT REMOVAL	1 LSM	---
	CONCRETE REMOVAL	1 LSM	---
	MISCELLANEOUS REMOVALS	1 LSM	SEE LABELS FOR SALVAGE & RELOCATION ITEMS
	SAVE & PROTECT TREE	4 EA	SEE DETAILS
X	SMALL SHRUB REMOVALS	1 LSUM	8 SMALL SHRUBS REMOVALS
	CONCRETE REMOVALS FOR FENCE / NET POST FOUNDATIONS	1 LSUM	REFER TO DETAILS FOR EXACT LOCATION OF TENNIS COURT POSTS AND NET POSTS

GENERAL & SESC-RELATED NOTE:

1. ALL EXCAVATED MATERIALS AND DEBRIS SHALL BE TRANSFERRED OFFSITE.
2. NO EXCAVATED MATERIALS SHALL BE REUSED AS ON-SITE BACKFILL OR LEFT EXPOSED, EXPECT FOR WHEN IT IS DEEMED PROFESSIONALLY PROPER FOR REUSE IN CUT & FILL.
3. SEE SHEET SESC PLAN FOR INLET PROTECTION AND OTHER SESC-RELATED MEASURES.
4. SESC MEASURES TO BE INSTALLED BEFORE REMOVALS START AND PROPERLY MAINTAINED BY THE CONTRACTOR THROUGHOUT THE PROJECT.
5. BEWARE ANY POTENTIAL UNDERGROUND ELECTRICITY OR OTHER UTILITY LINES THAT WAS NOT RECORDED OR REFLECTED ON THE EXISTING PLAN.

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CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS

REMOVALS

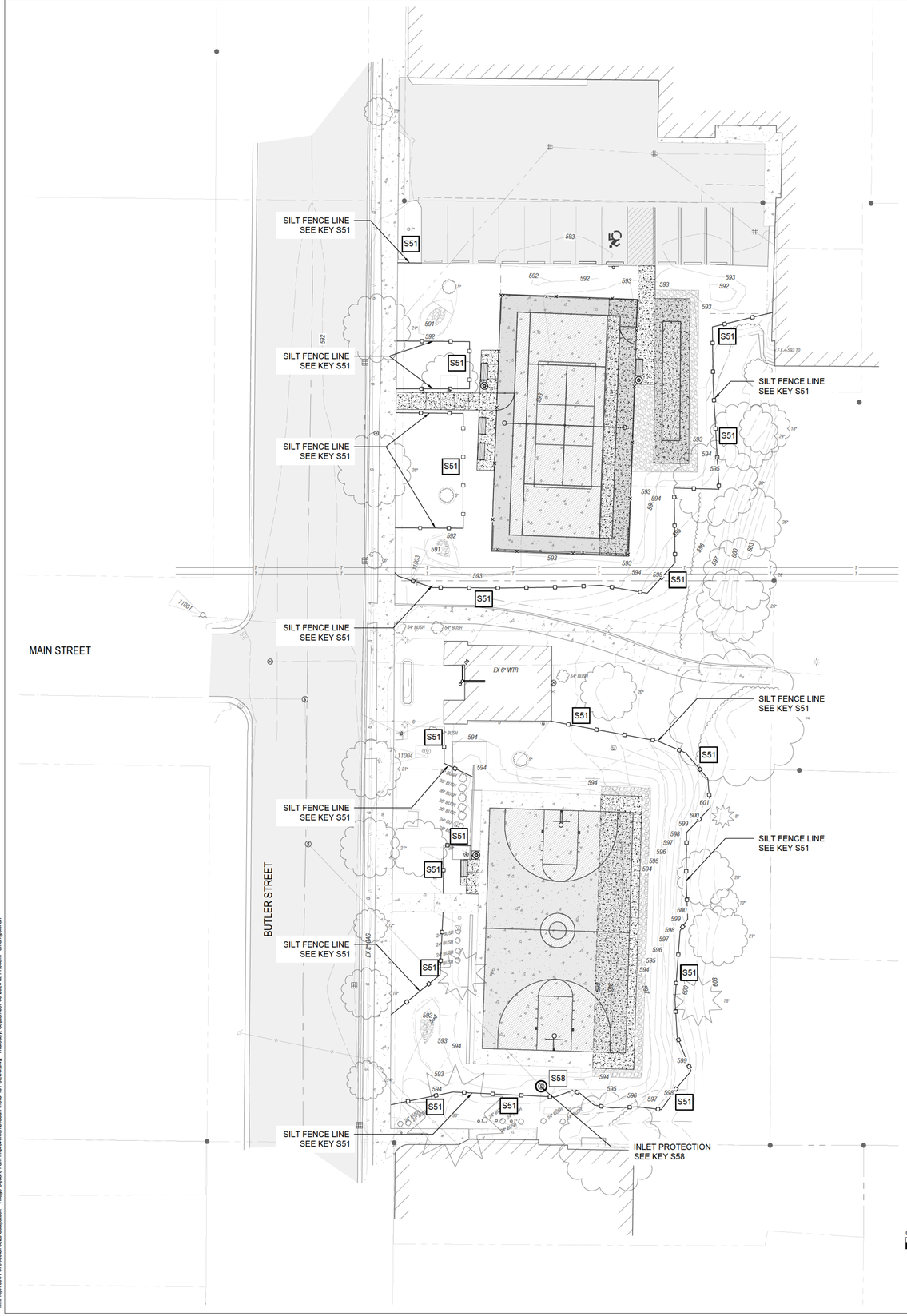
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F&V PROJECT NO.
876820

V-102

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NORTH

0 10' 20' 40'

SCALE IN FEET

KEY	BEST MANAGEMENT PRACTICES	REPRESENTATION	WHERE USED
S51	SILT FENCE		Use adjacent to critical areas, to prevent sediment laden sheet flow from entering these areas.
S58	INLET PROTECTION FABRIC DROP		Use at stormwater inlets, especially at construction sites.

PROPOSED SESC LINEWORK LEGEND

S51 — SILT FENCE

S58 — INLET PROTECTION FABRIC DROP

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CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS
SESC PLAN

DESIGN TEAM	PROJ MNGR: AEG DESIGNED BY: AEG DRAWN BY: AEG

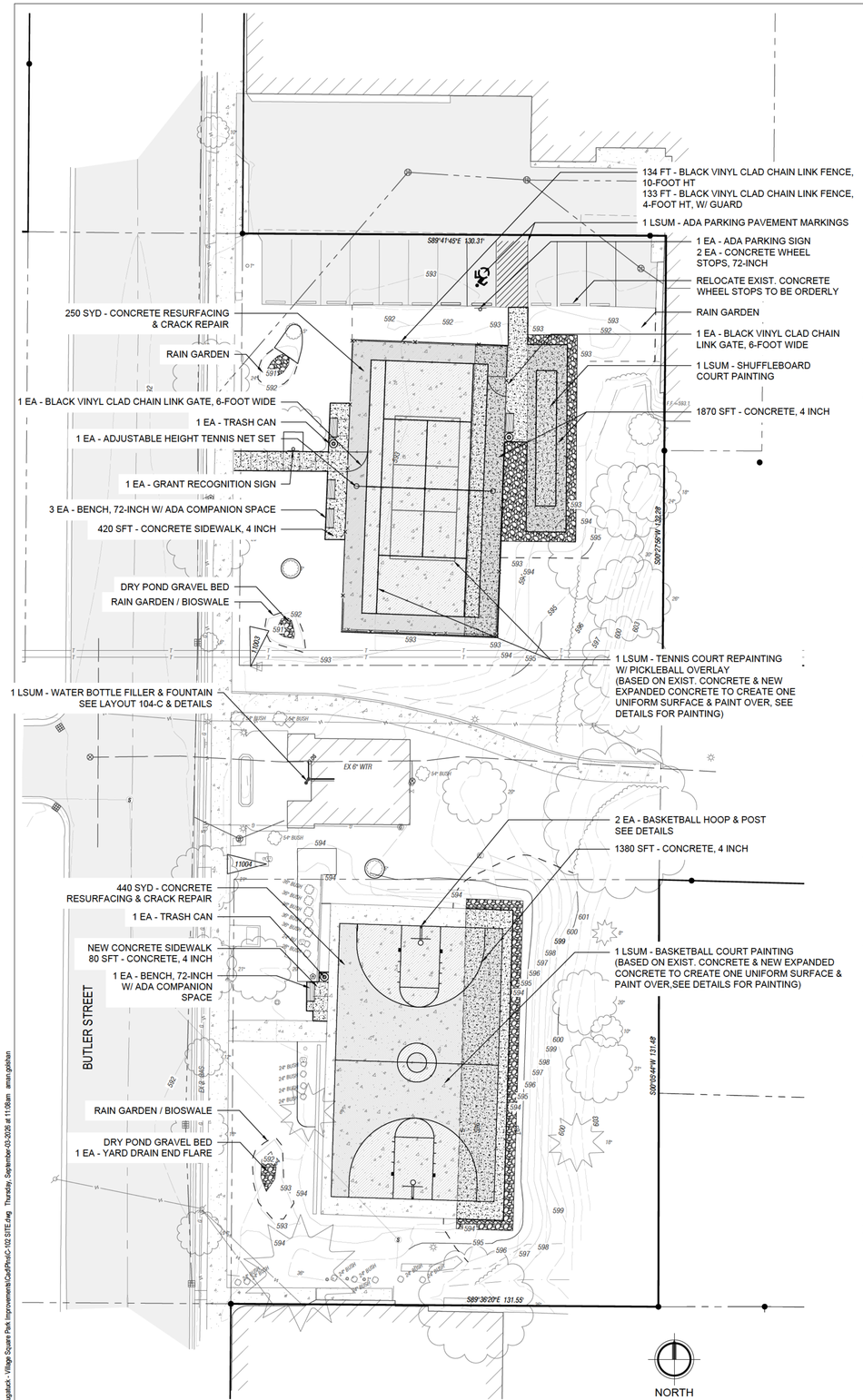
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JWM

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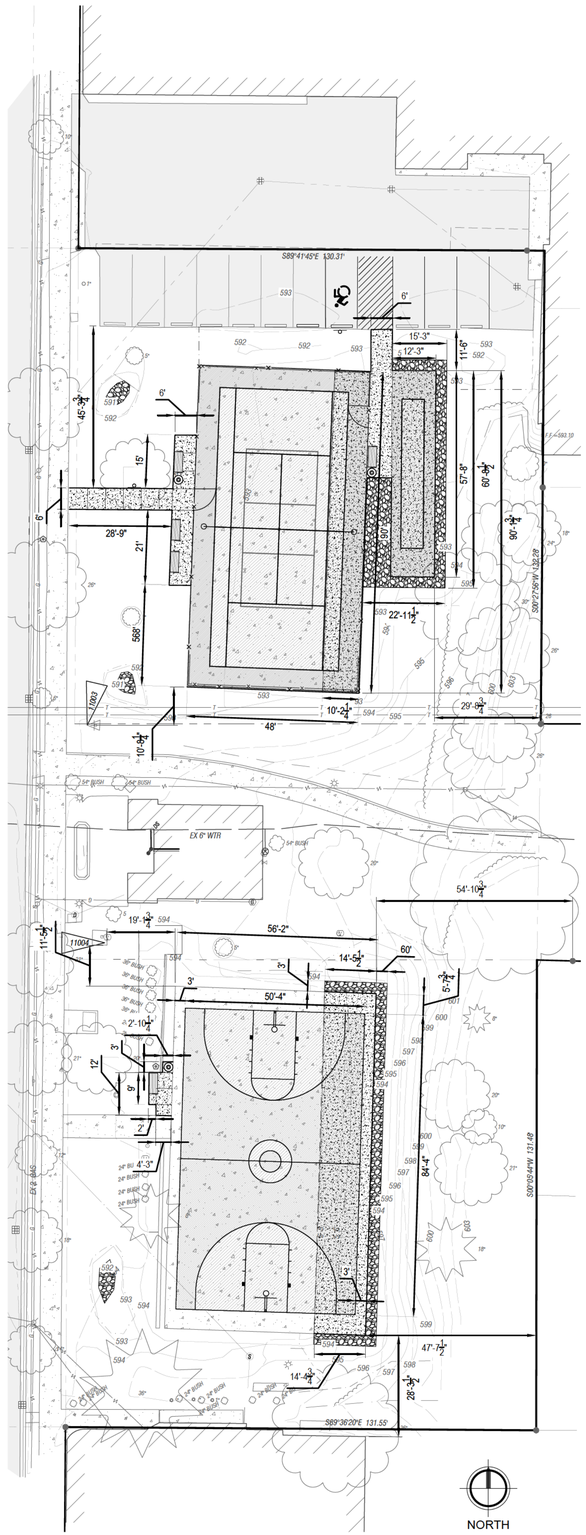
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876820

C-101

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C-102 A | SITE LAYOUT PLAN

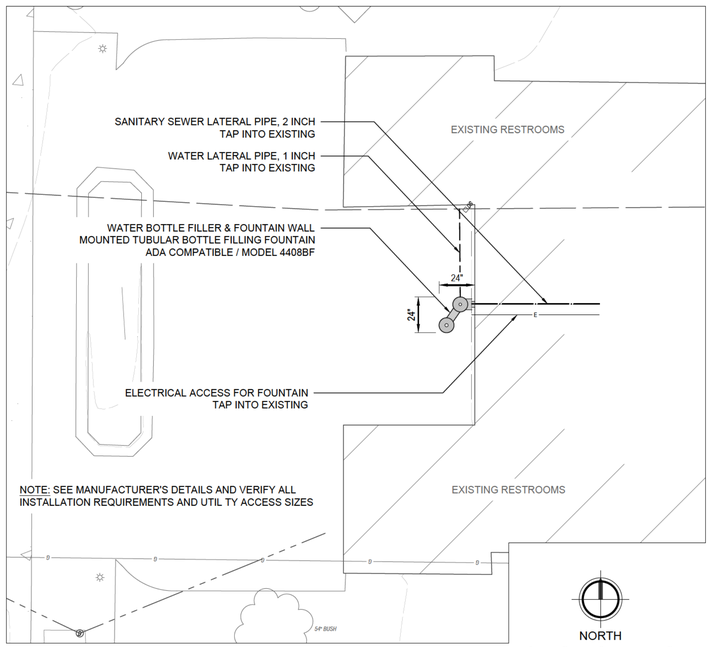


C-102 B | SITE LAYOUT DIMENSIONS

SITE LAYOUT LEGEND & QUANTITIES

SYMBOL	ITEM NAME	QTY	SPECIFIC NOTES
	CONCRETE SIDEWALK, 4 INCH	3760 SFT	SEE DETAILS
	DRY PONDS IN RAIN GARDENS	2 CYD	INCLUDING MIN. 120 SFT OF UNDERLYING FABRIC, SEE DETAILS
	BLACK VINYL CLAD CHAIN LINK FENCE, 10-FOOT HT	134 FT	FOR TENNIS COURT - SEE DETAILS
	BLACK VINYL CLAD CHAIN LINK FENCE, 4-FOOT HT	133 FT	FOR TENNIS COURT - SEE DETAILS
	BLACK VINYL CLAD CHAIN LINK FENCE, 6-FOOT WIDE	2 EA	FOR TENNIS COURT - SEE DETAILS
	BENCH, 72-INCH W/ ADA COMPANION SPACE	5 EA	MODEL PB6-NEW - 72"L X 28"W X 33-1/2"H, GRAY COLOR, SMOKE GRAY RESIN INLAY FILL COLOR, W/ PB1008 SURFACE MOUNT KIT, BY BELSON OUTDOORS
	TRASH CAN	3 EA	MODEL PB55R | GRAY COLOR, 55 GALLON, WITHOUT DOOR, BY BELSON OUTDOORS
	CONCRETE WHEEL STOPS, 72-INCH	2 EA	72" X 6" X 5", 200 LB, PINS INCLUDED, BY USA SCAFFOLDING
	ADA PARKING PAVEMENT MARKINGS	1 LSUM	ONE ADA SPOT W/ VAN ACCESSIBLE LANDING (SEE LAYOUT)
	BASKETBALL HOOP & POST	2 EA	SEE DETAILS
	ADJUSTABLE HEIGHT TENNIS NET SET	1 EA	SEE DETAILS
N/A	TENNIS COURT REPAINTING W/ PICKLEBALL OVERLAY	1 LSUM	SEE DETAILS
N/A	BASKETBALL COURT PAVEMENT MARKINGS	1 LSUM	SEE DETAILS

LANDSCAPE NOTE: FOR RAIN GARDEN AREAS AND OTHER PLANTINGS AND LAWN RESTORATIONS SEE LANDSCAPE SHEET AND DETAIL SHEET



C-102 C | WATER BOTTLE FILLER & FOUNTAIN

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CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS
SITE LAYOUT PLAN

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F&V PROJECT NO. 876820

C-102

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MATCH LINE - SEE LAYOUT A

EXISTING CONCRETE IN FRONT OF RESTROOM, NO GRADING REQUIRED FOR WATER STATION

LP 593.25

594.69 EXIST.

NEW SEATING AREA/SIDEWALK STARTS WITH MATCHING EXIST. SIDEWALK & EXIST. COURT & THEN SLOPES WESTWARD

594.60

594.63

594.60

592.50 MATCH EXIST.

592.72 MATCH EXIST.

592.72 MATCH EXIST.

594.88 MATCH EXIST.

594.96

REGRADE ENDS TO MEET EXISTING CONTOURS AT ~1:5 SLOPE

REGRADE PLANTING AREA ADJACENT TO NORTHEAST SIDE OF BASKETBALL COURT TO 1:3 SLOPE

REGRADE PLANTING AREA ADJACENT TO EAST SIDE OF BASKETBALL COURT TO 1:2 SLOPE

FOLLOW EXIST. SLOPE

594.94

BASKETBALL COURT EXPANSION FOLLOWS EXIST. SLOPE WESTWARD

LP 591.75

594.63 EXIST.

594.92

594.85 MATCH EXIST.

REGRADE PLANTING AREA ADJACENT TO SOUTHEAST SIDE OF BASKETBALL COURT TO 1:3 SLOPE

REGRADE ENDS TO MEET EXISTING CONTOURS AT ~1:5 SLOPE

S89°36'20"E 131.55'

C-103 B | SOUTH HALF
(BASKETBALL COURT)

S89°41'45"E 130.31'

LP 591.50

592.82 MATCH EXIST.

592.86 MATCH EXIST.

593.26

593.14

LP 591.50

LP 590.75

592.90 EXIST.

593.10 MATCH EXIST.

592.88 MATCH EXIST.

593.20

592.78

592.53 MATCH EXIST.

592.69

592.74

592.81

592.86

592.87 MATCH EXIST.

593.11 MATCH EXIST.

593.29

LP 592.50

593.32

593.20

593.21

592.55 MATCH EXIST.

592.69

592.81

NEW SIDEWALK CONNECTION TO EXIST. SIDEWALK SLOPES EQUALLY NORTHWARD & SOUTHWARD AWAY FROM THE CENTER LINE UNTIL MATCHING EXIST. SIDEWALK GRADES

592.76

592.88 EXIST.

593.29 MATCH EXIST.

593.19 MATCH EXIST.

592.91 EXIST.

REGRADE PLANTING AREA ADJACENT TO EAST, SOUTH, & NORTHEAST SIDES OF SHUFFLEBOARD COURT TO 1:3 SLOPE

REGRADE LAWN AREA ADJACENT TO SOUTHEAST SIDE OF TENNIS COURT TO 1:4 SLOPE

LP 591.50

REGRADE ENDS TO MEET EXISTING CONTOURS AT ~1:6 SLOPE

ALL CONCRETE FOUNDATION LEVELS FOR TENNIS COURT FENCE POSTS MUST MATCH EXISTING GRADE. SEE DETAILS FOR THE LOCATION OF POSTS (NOT SHOWN ON THIS SHEET FOR SAKE OF LINEWORKS CLARITY)

MATCH LINE - SEE LAYOUT B

C-103 A | NORTH HALF
(PICKLEBALL COURTS)

PROPOSED GRADING LEGEND

DIRECTION OF SLOPE

1223 CONTOURS

599.00. PAVEMENT OR GRADE ELEVATION

599.00. LP LOW POINT GRADE ELEVATION

599.00. RIM CATCH BASIN RIM GRADE ELEVATION

NORTH

0 10' 20'

SCALE IN FEET

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CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS
GRADING

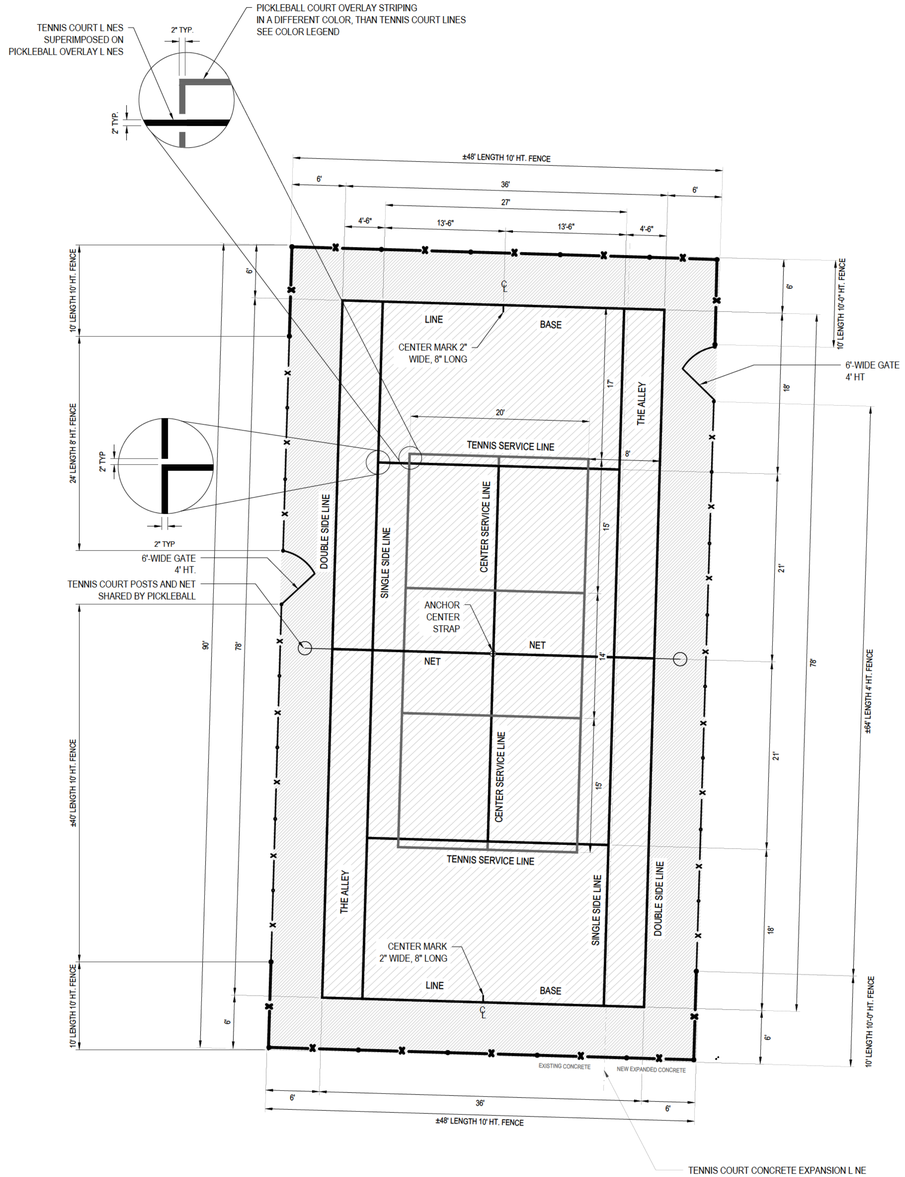
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C-103

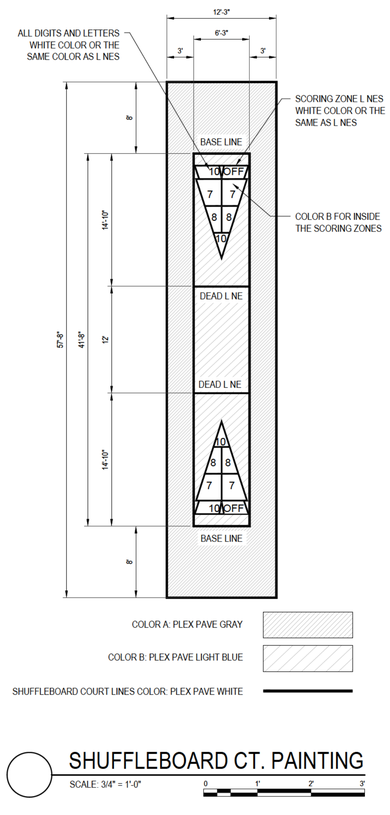
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NOTE:
1. ALL DIMENSIONS ARE TO THE OUTSIDE EDGE OF LINES.
2. ALL PLAYING LINES ARE 2 INCHES WIDE. BASE LINES ARE 3 INCHES WIDE.
3. DIMENSIONS REFLECT STANDARD TENNIS COURT DESIGN, THE EXISTING SITE DIMENSIONS SLIGHTLY VARIES FROM WHAT IS SHOW, THE CONTRACTOR MUST VERIFY DIMENSIONS BEFORE ANY PURCHASING OR PRODUCTION AND INFORM AND RECEIVE ENGINEER'S APPROVAL FOR ANY MODIFICATIONS
4. COLORS ARE BASE ON CALIFORNIA SPORTS SURFACING CATALOGUE TRADE MARKS.
5. CONTRACTOR TO PRESENT COLOR AVAILABILITIES. ANY ALTERNATIVES MUST BE PRESENTED TO THE ENGINEER AND THE OWNER FOR APPROVAL.

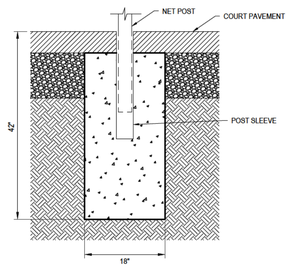
TENNIS CT. RESURFACING, REPAINTING, W/ PICKLEBALL OVERLAY

SCALE: 1/8" = 1'-0"



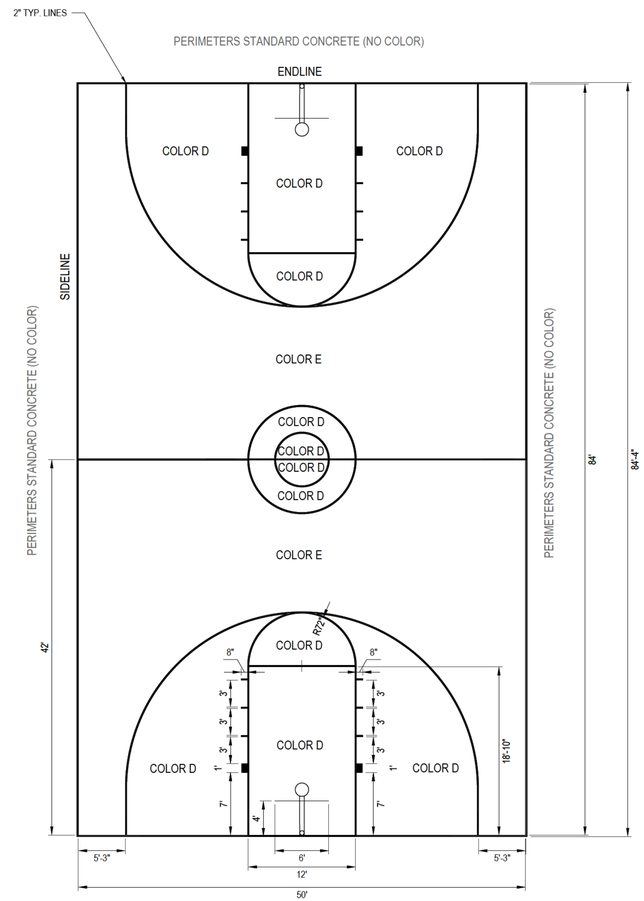
SHUFFLEBOARD CT. PAINTING

SCALE: 3/4" = 1'-0"



NET POST FOUNDATION

SCALE: 3/4" = 1'-0"



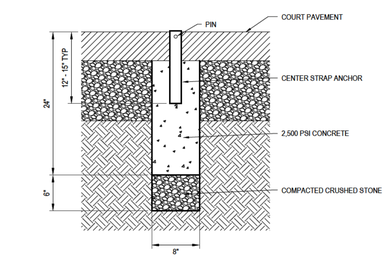
COLOR D: PLEXIPAVE DARK GREEN
COLOR E: PLEXIPAVE MAROON
L NE PA NT COLOR: PLEXIPAVE WHITE

PERIMETERS STANDARD CONCRETE (NO COLOR)

COURT PAINTING:
1. COLORS ARE BASE ON CALIFORNIA SPORTS SURFACING CATALOGUE TRADE MARKS.
2. CONTRACTOR TO PRESENT COLOR AVAILABILITIES. ANY ALTERNATIVES MUST BE PRESENTED TO THE ENGINEER AND THE OWNER FOR APPROVAL.

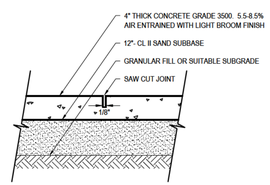
BASKETBALL COURT LAYOUT AND PAINTING

SCALE: 1/8" = 1'-0"



CENTER STRAP ANCHOR

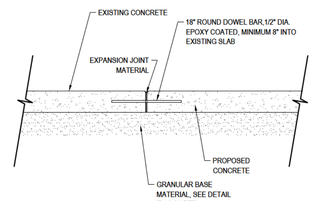
SCALE: 1" = 1'-0"



NOTE:
1. PROVIDE 1/2" EXPANSION JOINT WHERE WALK MEETS BUILDING OR RETAINING WALL.
2. PROVIDE CONTROL JOINTS AT 3' O/C OR 6' O/C TO MATCH WALK WIDTH.
3. REVIEW CONTROL JOINT SPACING WITH ENGINEER PRIOR TO COMMENCEMENT OF SAW CUTTING. ALL SIDEWALK TO BE CUT 3' O.C.OR 6' O.C. TO MATCH WALK WIDTH.

CONC. SIDEWALK, 4 INCH

NOT TO SCALE



EXISTING CONCRETE TO NEW CONCRETE CONNECTION

NOT TO SCALE

FLEIS&VANDENBRINK
DESIGN. BUILD. OPERATE.

CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS

DETAILS

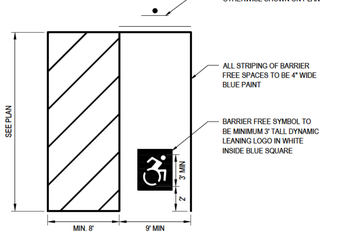
DESIGN TEAM | PROJ MNGR: AEG | DESIGNED BY: AEG | DRAWN BY: AEG | CHECKED BY: JWM

NOT FOR CONSTRUCTION

F&V PROJECT NO. 876820

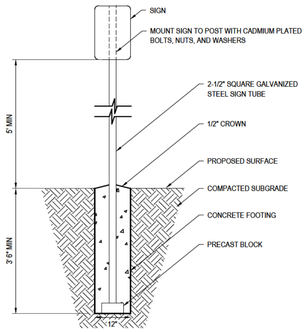
C-501

M:\Proj876001-879000\876820 Saugatuck - Village Square Park Improvements\Cad\Plns\C-501 & C-502 & C-503 & C-504 DETL.dwg Thursday, September 03, 2026 at 11:08am amanda@fvan



BARRIER FREE PARKING SPACE LAYOUT

NOT TO SCALE



SIGN MOUNTING - STEEL

NOT TO SCALE



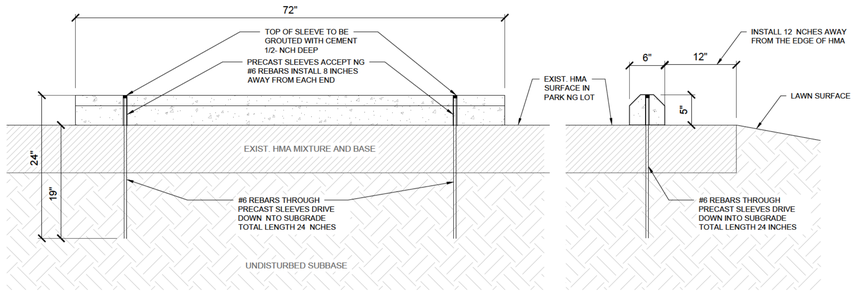
VAN ACCESSIBLE
RESERVED PARKING SIGN

SIGN SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

GRAPHIC SHALL BE DYNAMIC LEANING LOGO IN WHITE WITHIN A BLUE BACKGROUND

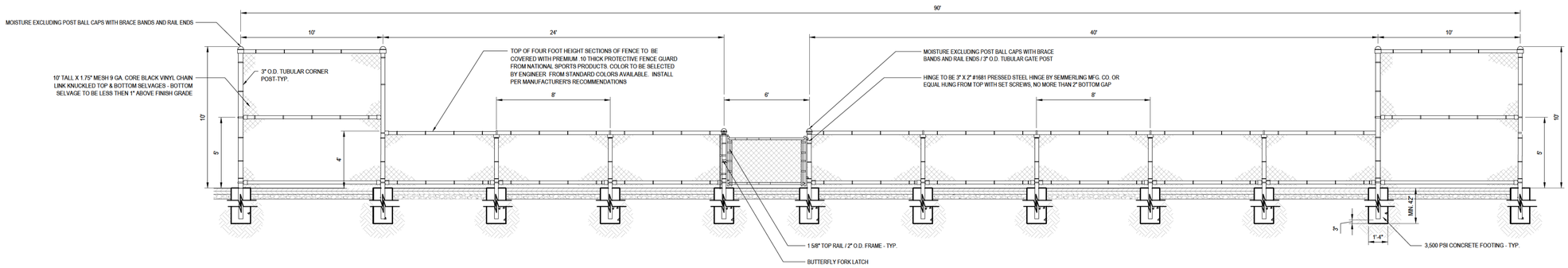
BARRIER FREE SIGN

NOT TO SCALE



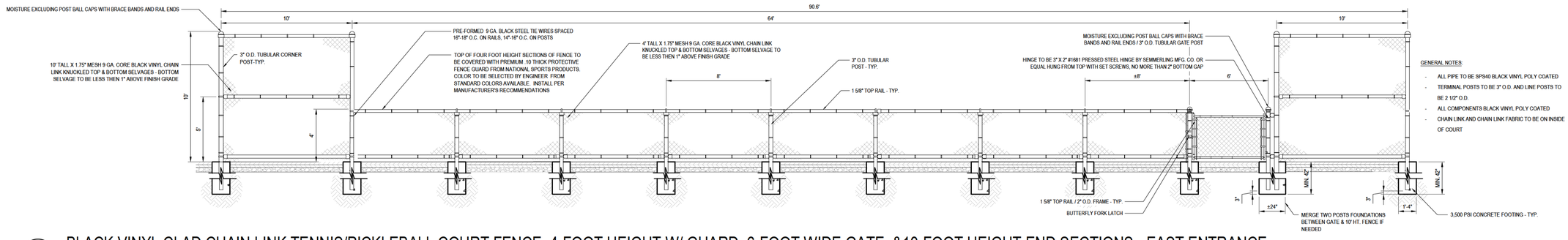
CONCRETE WHEEL STOP

NOT TO SCALE



BLACK VINYL CLAD CHAIN LINK TENNIS/PICKLEBALL COURT FENCE, 4-FOOT HEIGHT W/ GUARD, 6-FOOT WIDE GATE, &10-FOOT HEIGHT END SECTIONS - WEST ENTRANCE

NOT TO SCALE



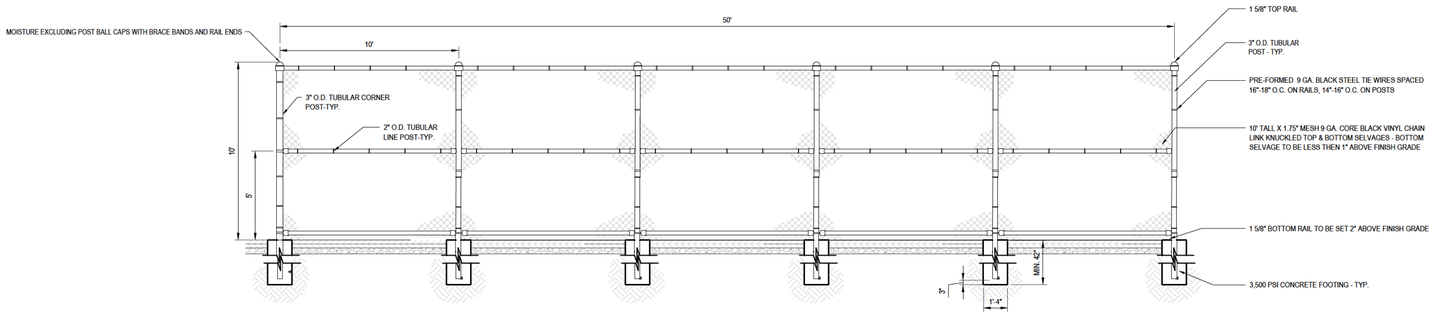
GENERAL NOTES:

- ALL PIPE TO BE SPS40 BLACK VINYL POLY COATED
- TERMINAL POSTS TO BE 3" O.D. AND LINE POSTS TO BE 2 1/2" O.D.
- ALL COMPONENTS BLACK VINYL POLY COATED
- CHAIN LINK AND CHAIN LINK FABRIC TO BE ON INSIDE OF COURT

BLACK VINYL CLAD CHAIN LINK TENNIS/PICKLEBALL COURT FENCE, 4-FOOT HEIGHT W/ GUARD, 6-FOOT WIDE GATE, &10-FOOT HEIGHT END SECTIONS - EAST ENTRANCE

SCALE: 1/4" = 1'-0"

0 2' 4' 8'



GENERAL NOTES:

- ALL PIPE TO BE SPS40 BLACK VINYL POLY COATED
- TERMINAL POSTS TO BE 3" O.D. AND LINE POSTS TO BE 2 1/2" O.D.
- ALL COMPONENTS BLACK VINYL POLY COATED
- CHAIN LINK AND CHAIN LINK FABRIC TO BE ON INSIDE OF COURT

NOTES:

1. ALL MATERIALS - GALVANIZED STEEL WITH BLACK POLY VINYL CHLORIDE (PVC) COATED CHAIN LINK FABRIC.
2. FABRIC - BLACK POLY VINYL CHLORIDE (PVC) COATED CHAIN LINK FABRIC #9 GAUGE GALVANIZED STEEL, 2" MESH
3. TERMINAL /CORNER POST - BLACK POLY VINYL CHLORIDE (PVC) COATED 3" OD SCHEDULE 40 OR ALLIED SS40\
4. LINE POST - BLACK POLY VINYL CHLORIDE (PVC) COATED 2" OD SCHEDULE 40 OR ALLIED SS40
5. TOP RAIL - BLACK POLY VINYL CHLORIDE (PVC) COATED 1 ⅝" OD SCHEDULE 40 OR ALLIED SS40
6. ALL MATERIALS SHALL BE MANUFACTURED ACCORDING TO APPLICABLE ASTM STANDARDS (TYPE 2A)
7. WEST & SOUTH FENCING SHALL HAVE RECYCLED WINDSCREEN MATERIAL INSTALLED ON IT. NORTH AND EAST FENCING SHALL BE REGULAR WITHOUT SCREEN MATERIAL.

BLACK VINYL CLAD CHAIN LINK TENNIS/PICKLEBALL COURT FENCE, 10-FOOT HEIGHT - NORTH & SOUTH SIDES

NOT TO SCALE

FLEIS&VANDENBRINK
DESIGN. BUILD. OPERATE.

CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS
DETAILS

DESIGN TEAM	PROJ MNGR: AEG DESIGNED BY: AEG DRAWN BY: AEG CHECKED BY: JWM

NOT FOR CONSTRUCTION

F&V PROJECT NO.
876820

C-502

M:\Proj876001-879000\876820 Saugatuck - Village Square Park Improvements\Cad\Plns\C-501 & C-502 & C-503 & C-504 DETL.dwg Thursday, September-03-2026 at 11:08am aman.gothan





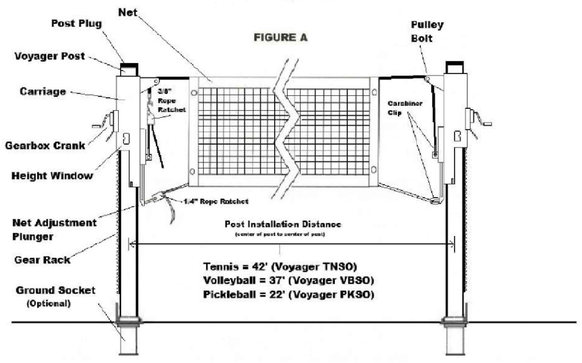
Minimum Specifications:

- The heavy-duty right angle crank, with lock mechanism to avoid unauthorized height adjustment
- Optional BALOCKHT HangTime rim height locking device
- 6" square heavy wall steel poles and unbreakable clear polycarbonate or tempered glass backboards
- Standard outdoor breakaway goal
- Pole system featuring 56" safe play area and textured black powder coated finish
- New EZ SwingUp installation base, legible height indicator
- Rim height adjustment between 7½' to 10'

NOTES: MODEL Bison Ultimate HangTime Clear 6" Adjustable In-Ground Basketball Hoop
By Pro Sports Equip, 39899 Balentine Drive, Suite 200, Newark, CA 94560
PHONE NO.: (866) 400-0424
www.prosportsequip.com

BASKETBALL HOOP

NOT TO SCALE



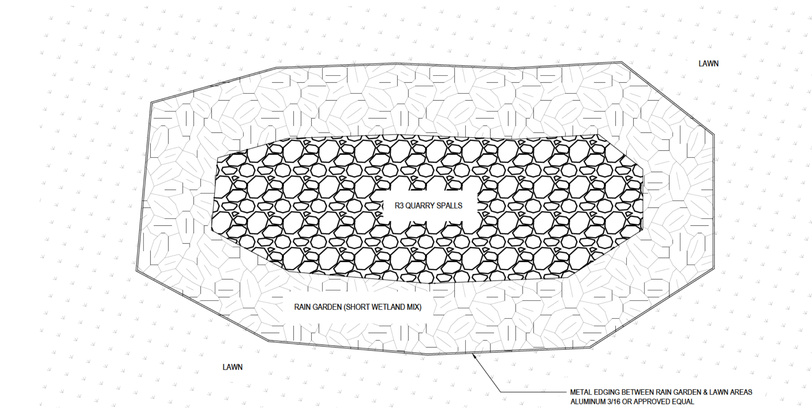
BILL OF MATERIALS (rev. 6/30/2025)

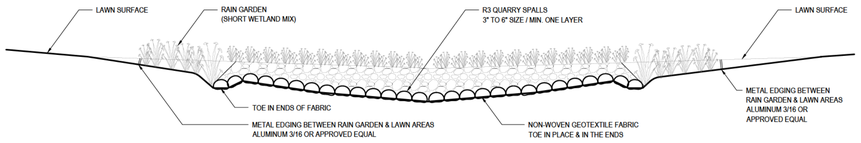
A	2	Floor/Ground Socket (if ordered)	K	2	3/8" x 4" Carabiner Clip
B	2	Voyager Post	L	2	Wooden Dowel
C	2	Carriage			
D	1	Net (tennis, volleyball or pickleball)			
E	2	Set of Height Stickers			
F	2	Gearbox Crank			
G	4	Post Plug			
H	1	3/8" Rope Ratchet			
I	1	¼" Rope Ratchet			
J	8	5/16" x 3/4" Hex Bolt			

NOTES: MODEL Voyager, FIRST TEAM VOYAGER INDOOR/OUTDOOR MULTI-SPORT NET SYSTEM, PART #A25-953,
BY ANTHEM SPORTS, 2 Extrusion Dr. Pawcatuck, CT 06379
PHONE NO.: (800) 688-6709
www.anthem-sports.com

ADJUSTABLE HEIGHT TENNIS NET SET

NOT TO SCALE





NOTES: THIS IS A SCHEDMATIC DETAIL, THE EXACT DIMENSIONS AND DESIGN OF EACH DRY POND AND RAIN GARDEN
AREA DIFFERS FROM EACH OTHER, REFER TO THE SITE LAYOUT AND GRADING SHEETS FOR LAYOUT AND ELEVATIONS

DRY POND GRAVEL BED

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

0 1' 2' 4'

FLEIS&VANDENBRINK
DESIGN. BUILD. OPERATE.

CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS

DETAILS

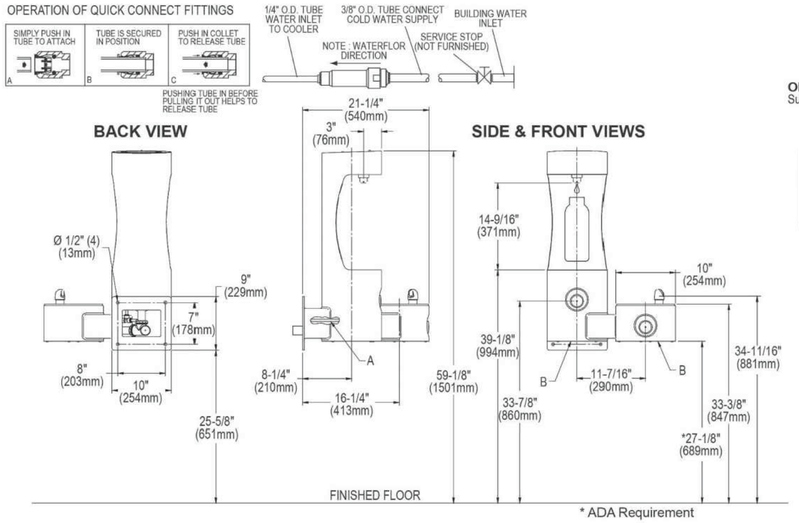
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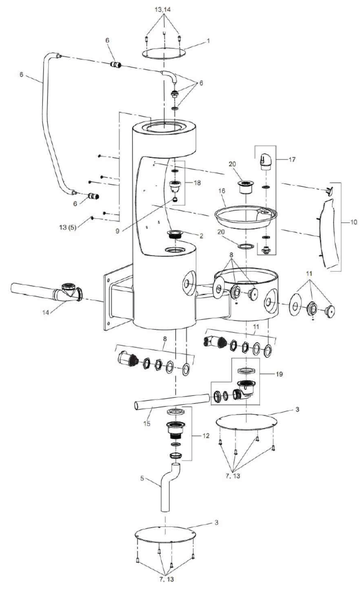
F&V PROJECT NO. 876820

C-503

M:\Proj876001-879000\876820 Saugatuck - Village Square Park Improvements\Cad\Plns\C-501 & C-502 & C-503 & C-504 DETL.dwg Thursday, September-03-2026 at 11:08am aman.gokhan

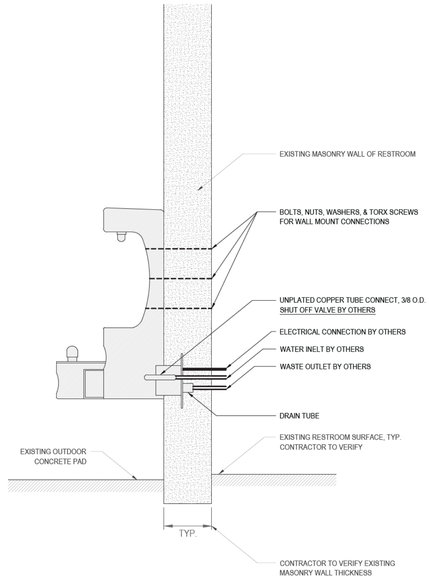


NOTES: MODEL 4406F, WALL MOUNTED TUBULAR BOTTLE FILLING FOUNTAIN
BY ELKAY MANUFACTURING CO., 1333 BUTTERFIELD ROAD SUITE 200, DOWNERS GROVE, IL 60515
PHONE NO.: (630) 574-8484
www.elkay.com



ITEMIZED PARTS LIST

ITEM NO.	PART NO.	DESCRIPTION
1	1000003814*	Cover - Round Plate
2	45931C	Outdoor Bottle Filler Drain Plug
3	1000003813*	Bottom Cover
4	55996C	In - Line Strainer (See rough-in location on page 3)
5	1000004372	Tube - Drain (Formed) BF
6	98686C	Kit - Bottle Filler Waterway/Gasket/Nipple/Tubes/Ftngs
7	97247C	Kit - VR Torx Screws/Bit
8	2000002510	Kit- Regulator- VR BF
9	98680C	Kit - Aerator/Key
10	98681C	Kit - Blank Bottle Filler Trim
	1000003692	Kit - LK4408 Bottle Filler Trim
	1000003693	Kit - 4408 Bottle Filler Trim
11	98682C	Kit - Push Button 4400 Series FTN
	1000003694	Kit - Push Button 4400 Series FTN LK
	1000003695	Kit - Push Button 4400 Series FTN HT
12	98683C	Kit - Drain Adapter/Gasket/Nut/Washer
13	98685C	Kit - Hardware/Bolts/Nuts/Washers/Torx Screws
14	1000004374	Tube - Drain
15	40251C	Drain Tail Pipe (Straight)
16	28467C	Basin
17	97446C	Kit - Bubbler (VR)
18	98679C	Kit - Nozzle/Aerator/Gasket/Pin
19	98684C	Kit - Drain Elbow/Gasket/Nut/Washer
20	0000000325	Kit - Drain Plug/Gasket



NOTES: CONTRACTOR TO COORDINATE WITH THE OWNER AND DPW TO VERIFY LOCATIONS AND VIABILITY OF EXISTING ELECTRIC, WASTE, AND WATER CONNECTION FROM RESTROOM TO PROPOSED WATER FILLER STATION

WATER BOTTLE FILLER & FOUNTAIN STATION DETAILS

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

0 1" 2" 4"

FLEIS&VANDENBRINK
DESIGN. BUILD. OPERATE.

CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS

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C-504

M:\Proj876001-879000\876820 Saugatuck - Village Square Park Improvements\Cad\Plns\C-501 & C-502 & C-503 & C-504 DETL.dwg Thursday, September-03-2026 at 11:08am amarr.gobhan

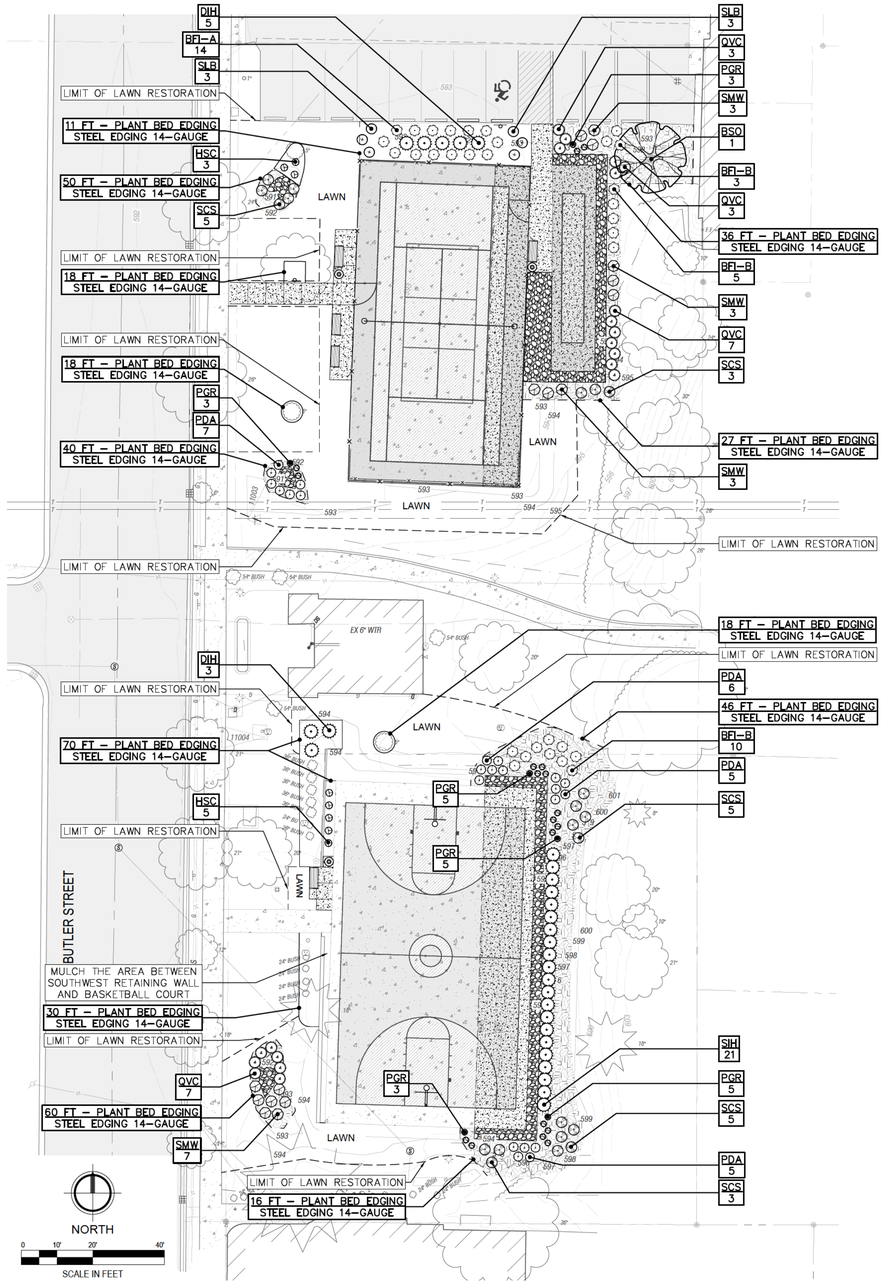
PROPOSED RAIN GARDEN PLANTING SCHEDULE & SOIL MEDIUM

SYMBOL	KEY	COMMON NAME	BOTANICAL NAME	MIN. SIZE	QTY	SPAC NG	TYPE
	SIH	STRONG BOX INKBERRY HOLLY	*Ilex glabra* 'Strong Box'	#3	21 ea	42" o.c.	NATIVE SHRUB / POLLINATOR FR ENDLY
	SMW	SWAMP MILKWEED	*Asclepias incarnata*	2"x5" plug	16 ea	48" o.c.	NATIVE PERENNIAL / POLL NATOR MAGNET
	SCS	SIXTEEN CANDLES SUMMERSWEET	*Clethra alnifolia* 'Sixteen Candles'	2.5"-3" plug	21 ea	48" o.c.	N. AMERICAN NATIVE / POLLINATOR MAGNET
	QVC	QUEEN VICTORIA CARDINAL FLOWER	*Lobelia x speciosa* 'Queen Victoria'	2"x5" plug	20 ea	36" o.c.	HYBRID NATIVE / POLLINATOR FRIENDLY
	PGR	PRA R E GLOW RUDBECKIA	*Rudbeckia* 'Prairie Glow'	2"x5" plug	24 ea	24" o.c.	HYBRID NATIVE / POLLINATOR FRIENDLY
	BFI-B	NORTHERN BLUE FLAG IRIS	*Iris versicolor*	2"x5" plug	18 ea	36" o.c.	NATIVE PERENNIAL / POLL NATOR MAGNET
	PDA	PURPLE DOME ASTER	*Aster novi-belgii* 'Purple Dome'	2"x5" plug	23 ea	36" o.c	NATIVE PERENNIAL / POLL NATOR MAGNET

RA N GARDEN BED ITEMS

TYPE	GENERAL SPECIFICATIONS*	DEPTH	QTY
AMENDED SOIL MIX	COMPOSED OF 50% TO 60% SHARP SAND, 20% TO 30% TOPSOIL, AND 20% TO 30% COMPOST. PLACE IN 6-INCH LIFTS (THREE LIFTS MINIMUM).	MIN. 9"	90 cyd
MULCH BLANKET	LONG-TERM, DOUBLE-NET, BIODEGRADABLE EROSION CONTROL BLANKET	*N/A*	3150 sft
MULCH	DOUBLE-SHREDDED, DYED BLACK WOOD FIBER	MIN. 3"	30 cyd
GRAVEL	3 TO 5 INCHES DIAMETER STONE SUCH AS WASHED RIVER ROCK OR LARGE GRAVEL	MIN. 1 LAYER	10 cyd

** FOR MORE DETAILS REFER TO RAIN GARDENS SPECIFICATIONS (SECTION 32-93-53) AND DETAILS*



PROPOSED LANDSCAPE PLAN LEGEND & PLANTING SCHEDULE

PLANT MATERIAL

SYM	KEY	COMMON NAME	BOTANICAL NAME	MIN. SIZE	QTY	SPACING	TYPE
	BSO	BEACON SWAMP WHITE OAK	*Quercus bicolor* 'Bonnie & Mike'	4"-4.5"	1 ea	N/A (staggered)	NATIVE (COLUMNAR)
	DIH	DENSE NKBERRY HOLLY	*Ilex glabra* 'Densa'	#3	8 ea	60" o.c.	NATIVE SHRUB / POLLINATOR FRIENDLY
	SLB	STAND NG OVATION LITTLE BLUESTEM	*Schizachyrium scoparium* 'Standing Ovation'	#2	6 ea	48" o.c.	NATIVE GRASS / POLL NATOR FRIENDLY
	HSC	HAPPY STAR CONEFLOWER	*Echinacea purpurea* 'Happy Star'	#1	8 ea	42" o.c	NATIVE PERENNIAL / POLLINATOR MAGNET
	BFI-A	NORTHERN BLUE FLAG RIS	*Iris versicolor*	#1	14 ea	60" o.c	NATIVE PERENNIAL / POLLINATOR MAGNET

LIMITS OF LAWN RESTORATION (SEEDING)

PLANT BED EDGING

RAIN GARDEN BEDS/LIMITS & EDG NG

GRAVEL AREAS

LANDSCAPE MATERIAL & LAWN RESTORATION ITEMS

TYPE	SPEC FICATIONS	DEPTH	QTY
SOIL FOR PLANT BEDS	1/3 TOP SOIL, 1/3 COMPOST, 1/3 COARSE SAND	MIN. 6"	15 cyd
MULCH FOR PLANT BEDS	DOUBLE-SHREDDED, DYED BLACK WOOD FIBER	MIN. 3"	7 cyd
PLANT BED EDGING	STEEL EDG NG 14-GAUGE OR APPROVED EQUAL	*N/A*	440 ft
SOIL FOR LAWNS	1/3 TOP SOIL, 1/3 COMPOST, 1/3 COARSE SAND	MIN. 1"	15 cyd
LAWN RESTORATION (SEEDING)	KENTUCKY BLUEGRASS, PERENNIAL RYEGRASS AND F NE FESCUE (OR APPROVED EQUAL BLEND)	MIN. 2 OR 3 LB PER 100 SYD	650 syd

GENERAL LANDSCAPE NOTES:

1. ALL EXISTING NDIV DUAL TREE PLANT NGS WITH N LAWN AREAS AND PROPOSED PLANTING BEDS ARE TO RECEIVE AN APPLICATION OF PRE-EMERGENT HERBICIDE AND A 4" LAYER OF HARD WOOD MULCH ACCORD NG TO DETA LS.
2. PLANT MATERIALS, QUANTITIES, AND LOCATIONS HAVE BEEN FIGURED AS CLOSELY AS POSSIBLE. HOWEVER, MATERIALS, QUANTIT ES, AND LOCATIONS MAY BE ADJUSTED ON SITE F NECESSARY, AFTER THE ENGINEER'S AND OWNER'S APPROVAL. IT REMA NS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO COMPLETE THE PROJECT AS INTENDED PER THIS PLAN.
3. ALL TREES SHALL RECEIVE WATERING DONUTS, 20 GALLON CAPACITY. ALL NEW SHRUBS, PERENNIALS, AND PLANT MATERIALS OTHER THAN TREES SHALL RECEIVE THE FOLLOWING WATER NG SCHEDULE FOR AT LEAST THE FIRST TWO WEEKS AFTER PLANT NG OR UNTIL SUFFIC ENTLY ESTABLISHED: APPROXIMATELY 1 TO 2 GALLONS OF WATER FOR PERENNIALS PER APPLICATION, AND 3 TO 5 GALLONS FOR SHRUBS PER APPLICATION (DEPENDING ON THE SIZE AND SPECIES THE REQU REMENTS MIGHT D FFER FOR EACH PERENNIAL, GRASS, OR SHRUB AND CONTRACTOR SHALL BE RESPONSIBLE FOR MPLEMENT NG THE DUE CARE UNT L PLANTS ARE SUFFICIENTLY ESTABLISHED).
4. CONTRACTOR SHALL PROV DE SPECIFIED SHRUBS, GROUND COVER, AND OTHER PLANT MATERIALS THAT COMPLY WITH ALL RECOMMENDATIONS AND REQU REMENTS OF ANSI Z60.1 - 2014 "AMERICAN STANDARD FOR NURSERY STOCK". ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL ROOTED STOCK, GROWN WITH GOOD HORTICULTURAL PRACTICES. ALL CONTAINER GROWN PLANTS SHALL HAVE A WELL ESTABLISHED ROOT SYSTEM REACH NG THE S DES OF THE CONTA NER TO MA NTA N A F RM ROOT BALL, BUT SHALL NOT HAVE EXCESSIVE ROOT GROWTH ENCIRCLING THE NSIDE OF THE CONTA NER. ALL PLANTINGS ARE TO BE NSTALLED N ACCORDANCE WITH METHODS ESTABLISHED BY THE AMERICAN STANDARD FOR NURSERY STOCK.
5. CONTRACTOR TO SUBMIT LAWN SEED MIX TO ENG NEER FOR APPROVAL PRIOR TO PLACEMENT. LIMITS OF LAWN RESTORATION ARE APPROXIMATE AND CONTRACTOR MUST ACCOUNT FOR AND IMPLEMENT ALL DISRUPTIONS OF LAWN AND RESTORATIONS THEREOF AS A RESULT OF PROJECT (INCLUDING TO COMMON USE AREAS, EASEMENTS, OR AND ANY OTHER DISRUPTION THAT MIGHT OCCUR BEYOND PROPERTY LINES OR LIMITS OF RESTORATION SHOWN HERE N.
6. BEFORE F NAL ACCEPTANCE OF THE TURF ESTABLISHMENT WORK THERE MUST BE NO EXPOSED BARE SO L AND THE TURF MUST BE FULLY GERMINATED, EROSION FREE, WEED FREE, DISEASE FREE, DARK GREEN N COLOR AND IN A VIGOROUS GROW NG CONDITION.
7. THE CONTRACTOR SHALL BE RESPONSIBLE, AT NO ADDITIONAL COST, FOR THE REPLACEMENT OF ANY DEAD OR DYING PLANTS AND BARE OR DY NG GRASS AREAS WITH N THE LAWN RESTORATION AREA, AS WELL AS REPAIR OR REPLACEMENT OF ANY DEFECTIVE IRRIGATION COMPONENTS, FOR A PERIOD OF 1 YEAR FROM F NAL ACCEPTANCE. REPLACEMENT SHALL BE AT THE EXPENSE OF THE CONTRACTOR.

LANDSCAPE NOTES:

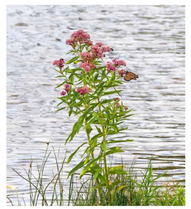
1. ALL LAWN AREAS ARE TO BE SEEDED. ALL PLANT NGS AND PLANT NG BEDS ARE TO RECEIVE AN APPLICATION OF PRE-EMERGENT HERBICIDE AND A MINIMUM 3" LAYER OF HARDWOOD MULCH (UNLESS NOTED OTHERWISE ON THIS PLAN).
2. LIMITS OF LAWN RESTORATION ARE SHOWN APPROXIMATELY. IT REMA NS THE RESPONS BILITY OF GENERAL CONTRACTOR AND/OR THE LANDSCAPE SUB-CONTRACTOR TO COMPLETE THE LAWN RESTORATION AS NTENDED PER THIS PLAN.
3. PLANT MATERIALS, QUANTIT ES, AND LOCATIONS HAVE BEEN FIGURED AS CLOSELY AS POSS BLE. HOWEVER, MATERIALS, QUANTIT ES, AND LOCATIONS MAY BE ADJUSTED ON SITE IF NECESSARY. IT REMAINS THE RESPONSIBILITY OF GENERAL CONTRACTOR AND/OR THE LANDSCAPE SUB-CONTRACTOR TO COMPLETE THE PROJECT AS INTENDED PER THIS PLAN.

PLANT IMAGES



BEACON SWAMP WHITE OAK
(MICHIGAN NATIVE)
KEY: BSO

POLLINATOR ATTRACTION LEVELS



SWAMP MILKWEED
(MICHIGAN NATIVE)
KEY: SMW



SIXTEEN CANDLES SUMMERSWEET
(N. AMERICAN NATIVE)
KEY: SCS



QUEEN VICTORIA CARDINAL FLOWER
(HYBRID NATIVE)
KEY: QVC



INKBERRY HOLLY
(NORTH AMERICAN NATIVE)
KEY: DIH (DENSA)
SIH (STRONG BOX)



STANDING OVATION LITTLE BLUESTEM
(MICHIGAN NATIVE)
KEY: SLB



HAPPY STAR CONEFLOWER
(MICHIGAN NATIVE)
KEY: HSC



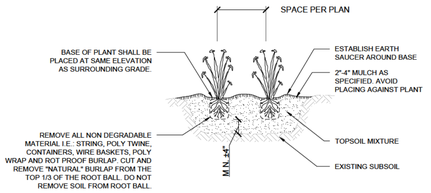
NORTHERN BLUE FLAG IRIS
(MICHIGAN NATIVE)
KEY: BFI-A & BFI-B



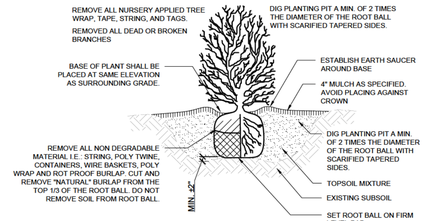
PURPLE DOME ASTER
(N. AMERICAN NATIVE)
KEY: PDA



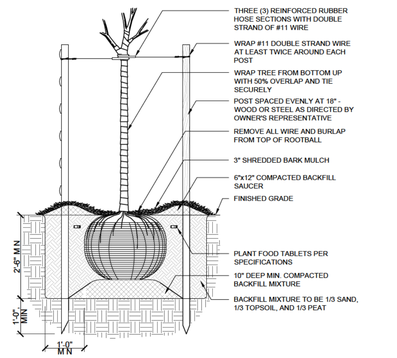
GLITTERS LIKE GOLD BLACK-EYED SUSAN
(MICHIGAN NATIVE)
KEY: PGR



L3 PERENNIAL PLANTING DETAIL
NOT TO SCALE



L2 SHRUB PLANTING DETAIL
NOT TO SCALE



L1 DECIDUOUS TREE PLANTING DETAIL
NOT TO SCALE

FLEIS&VANDENBRINK
DESIGN. BUILD. OPERATE.

CITY OF SAUGATUCK
SAUGATUCK, ALLEGAN COUNTY, MI
VILLAGE SQUARE PARK IMPROVEMENTS
LANDSCAPE PLAN

DESIGN TEAM	PROJ MNGR: AEG DESIGNED BY: AEG DRAWN BY: AEG CHECKED BY: JWM

NOT FOR CONSTRUCTION

F&V PROJECT NO.
876820

L-101

M:\Proj876001-879000\876820 Saugatuck - Village Square Park Improvements\Cad\Plns\L-101 LAND.dwg, Thursday, September 03, 2026 at 11:08am aman.grabhan

VILLAGE SQUARE PARK IMPROVEMENTS

GRADING ALTERNATIVE VISUALIZATIONS (RETAINING WALL)

CITY OF SAUGATUCK
















City of
Saugatuck
EST 1868
F&V

