FELLOWSHIP

ESTATES

DETROIT

LIST OF DRAWINGS

CIVIL ENGINEERING

BOUNDARY / TOPOGRAPHIC SURVEY 1 **BOUNDARY / TOPOGRAPHIC SURVEY 2**

SITE LAYOUT PLAN

CONCEPTUAL STORMWATER MANAGEMENT PLAN

LANDSCAPE

CONCEPTUAL LANDSCAPE PLAN - WEST HALF CONCEPTUAL LANDSCAPE PLAN - EAST HALF LANDSCAPE NOTES & PLANT DETAILS L.901

LANDSCAPE DETAILS - TRASH ENCLOSURE

LANDSCAPE DETAILS

ARCHITECTURAL

ARCHITECTURAL SITE PLAN

FIRST FLOOR PLANS

COMMUNITY CENTER FLOOR PLAN **BUILDING ELEVATIONS - APARTMENT**

UNIT FLOOR PLANS

BUILDING ELEVATIONS - COMMUNITY CENTER

DEVELOPMENT TEAM

OWNER

FELLOWSHIP ESTATES WEST LLC 542 S. DEARBORN ST., SUITE 800 CHICAGO, IL 60605

DEVELOPERS MICHAELS DEVELOPMENT CO. I, LP 542 S. DEARBORN ST., SUITE 800 CHICAGO, IL 60605

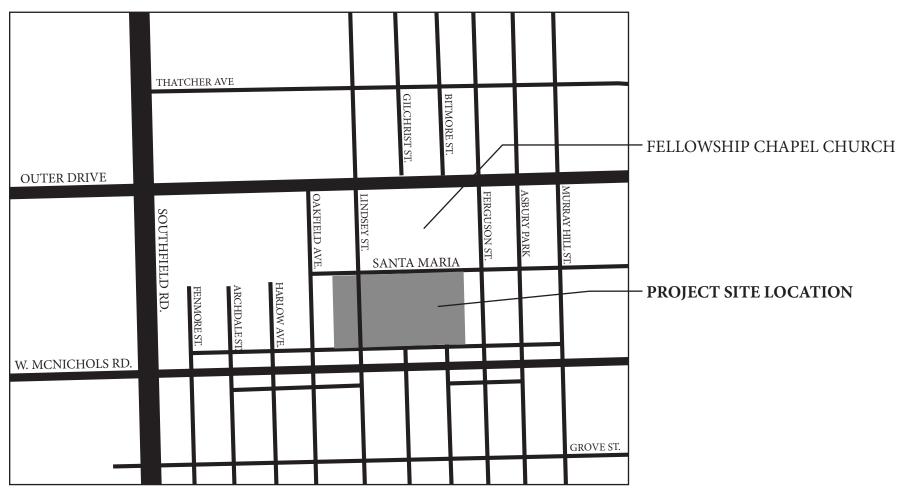
> AMANDLA DEVELOPMENT 7707 W. OUTER DRIVE DETROIT, MI 48235

ARCHITECT

FUSCO, SHAFFER & PAPPAS, INC. 550 E. NINE MILE RD FERNDALE, MI 48220 248.543.4100

CIVIL ENGINEER NOWAK - FRAUS ENGINEERS 46777 WOODWARD AVE PONTIAC, MI 48342

LANDSCAPE ARCHITECT FELINO PASQUAL AND ASSOCIATES, 24333 ORCHARD LAKE RD. SUITE G FARMINGTON HILLS, MI 48331





DATE	<u>ISSUE</u>
03.01.24	PROJECT PD MODIF. MTG.
05.02.24	PD PRE-APPLICATION MTG.
05.17.24	PD MODIF. SUBMISSION



FUSCO, SHAFFER & PAPPAS, INC. ARCHITECTS AND PLANNERS



MICHIGAN PROJECT SUMMARY

CITE DATA (DUAGE 4 & A)

GROSS APARTMENT BUILDING AREA

GROSS COMMUNITY BUILDING AREA

TOTAL GROSS BUILDING AREA

UNIT COUNT / MIX - APARTMENTS 1 BEDROOM - 720 SF (33.5%) 2 BEDROOM - 930 SF (37.5%)

3 BEDROOM - 1,110 SF (29%)

GROSS APARTMENT BUILDING AREA TOTAL

TOTAL (INCL. 8 P.H. UNITS)

1ST FLOOR AREA

2ND FLOOR AREA

SITE DATA (PHASE 1 & 2)	
TOTAL LOT SIZE	+/- 376,766 SF OR +/- 8.64 ACRES
ZONING	PD (PLANNED DEVELOPMENT DISTRICT)
PARKING REQUIRED 1.25 PARKING SPACE FOR EACH UNIT 1.25 SPACES x 96 UNITS	120 SPACES
PARKING PROVIDED APARTMENTS - 112 OPEN SPACES + 8 P.H. COMMUNITY BUILDING TOTAL PARKING PROVIDED	120 SPACES 8 SPACES 128 SPACES
<u>DENSITY</u>	11.1 D.U/AC.
RECREATION SPACE	+/- 114,670 SF
LOT COVERAGE-APARTMENTS & COMMUNITY BUIL LOT COVERAGE (57,720 SF) MINIMUM ALLOWABLE RSR PROVIDED RSR (114,670 S.F./ 114,755 S.F.)	LDING 15.3% 12.0% 0.99 OR 99%
BUILDING DATA (PHASE 1 & 2)	
GROSS APARTMENT BUILDING AREA 1ST FLOOR AREA 2ND FLOOR AREA	+/- 53,894 SF +/- 53,702 SF
GROSS APARTMENT BUILDING AREA TOTAL	+/- 107,596 SF
GROSS COMMUNITY BUILDING AREA	+/- 3,915 SF
TOTAL GROSS BUILDING AREA	+/-111,511 SF
BUILDING HEIGHT - APARTMENTS ALLOWABLE (PER PD) PROVIDED	39'-0" (3 STORIES) 26'-0" (2 STORIES)
UNIT COUNT / MIX - APARTMENTS 1 BEDROOM - 720 SF (33.5%) 2 BEDROOM - 930 SF (37.5%) 3 BEDROOM - 1,110 SF (29%) TOTAL (INCL. 16 P.H. UNITS)	32 UNITS 36 UNITS 28 UNITS 96 UNITS
SITE DATA (PHASE 1)	
APROX. LOT SIZE	+/- 199,112 SF OR +/- 4.57 ACRES
PARKING REQUIRED 1.25 PARKING SPACE FOR EACH UNIT 1.25 SPACES x 48 UNITS	60 SPACES
PARKING PROVIDED APARTMENTS - 56 OPEN SPACES + 4 P.H. COMMUNITY BUILDING	60 SPACES 4 SPACES
TOTAL PARKING PROVIDED RECREATION SPACE	64 SPACES +/- 67,614 SF
LOT COVERAGE-APARTMENTS & COMMUNITY BUIL LOT COVERAGE (29,310 SF) MINIMUM ALLOWABLE RSR PROVIDED RSR (67,614 S.F./ 59,335 S.F.)	
BUILDING DATA (PHASE 1)	

+/- 26,947 SF

+/- 26,851 SF

+/- 53,798 SF

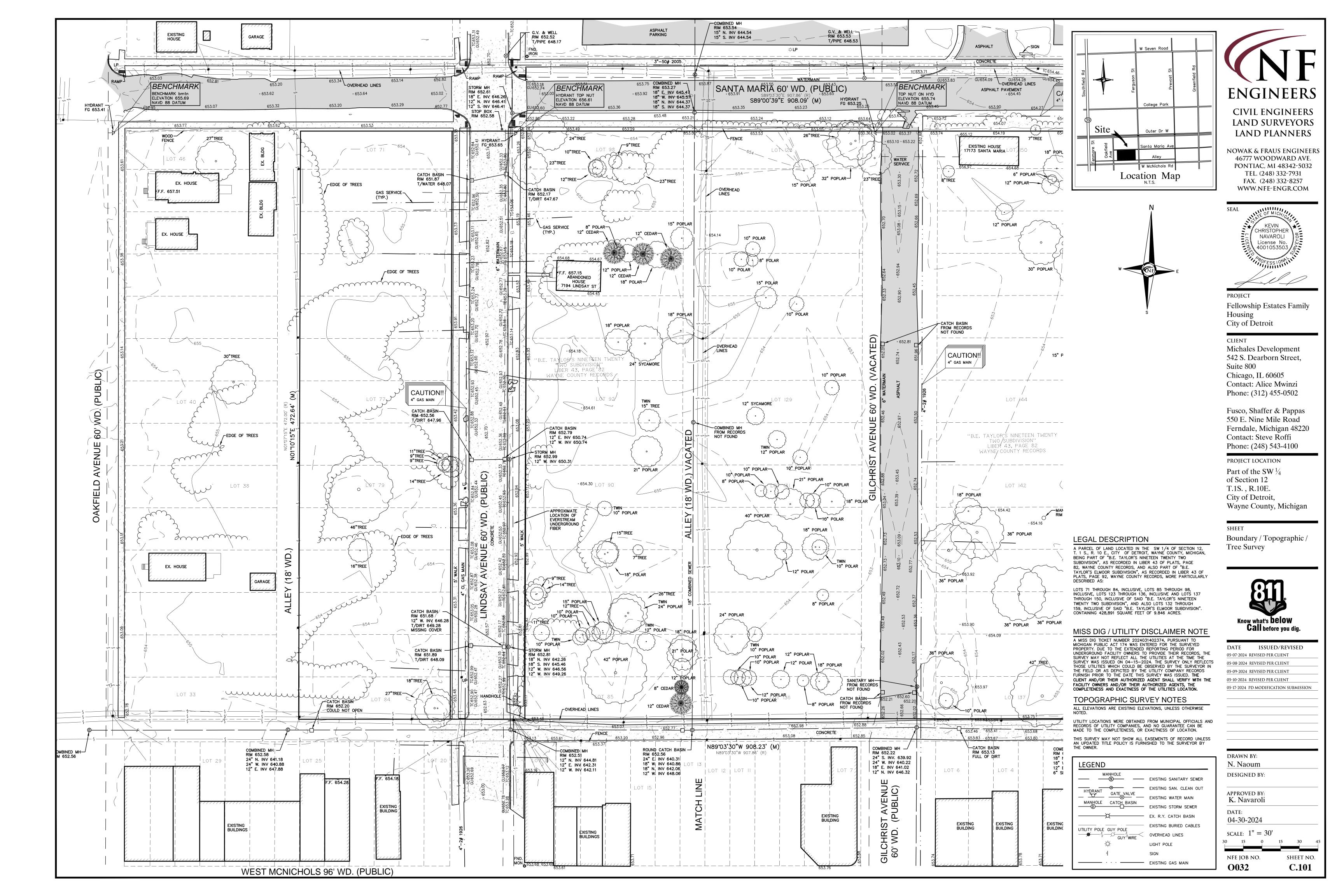
+/- 3,915 SF

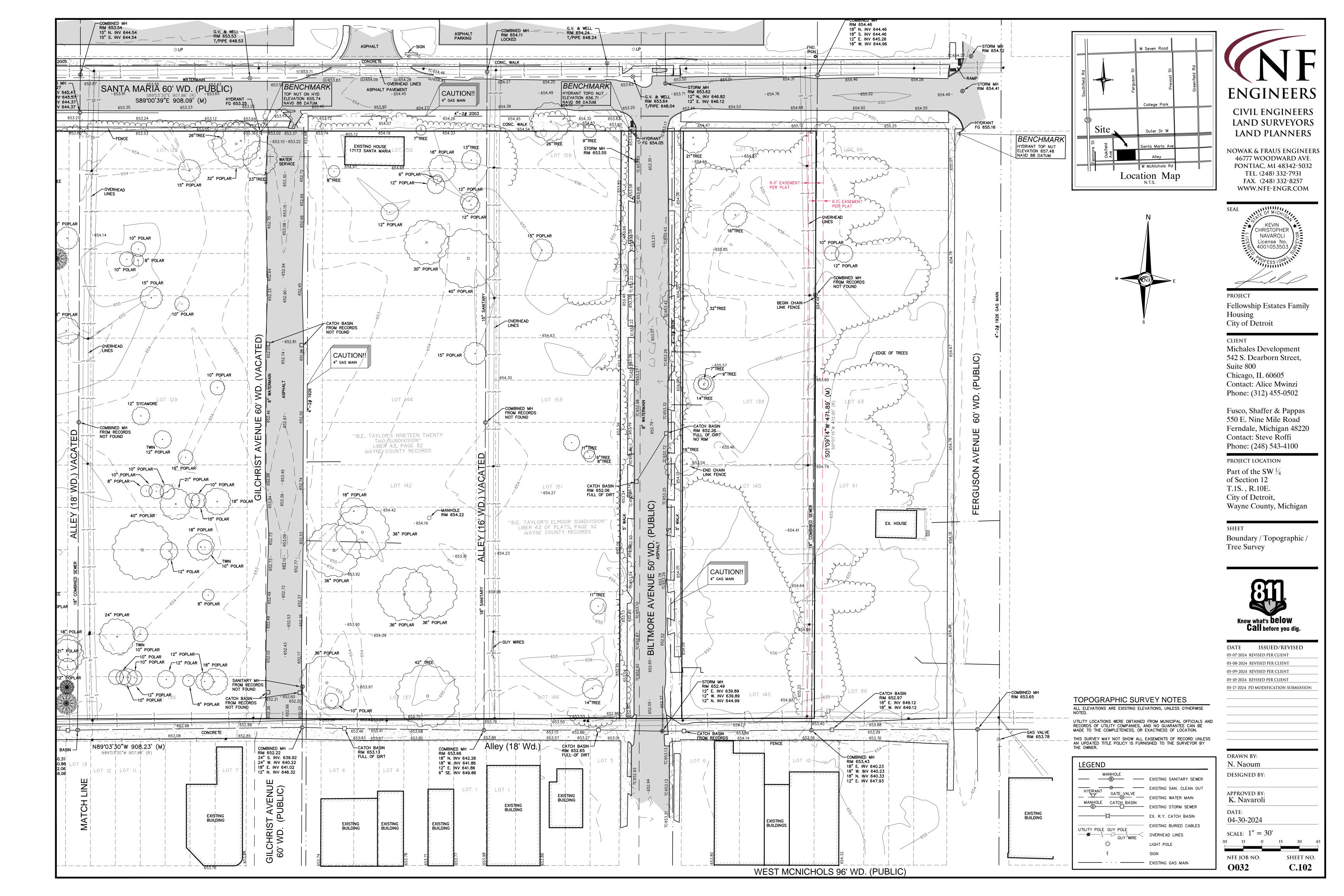
+/- **57,713 SF**

18 UNITS

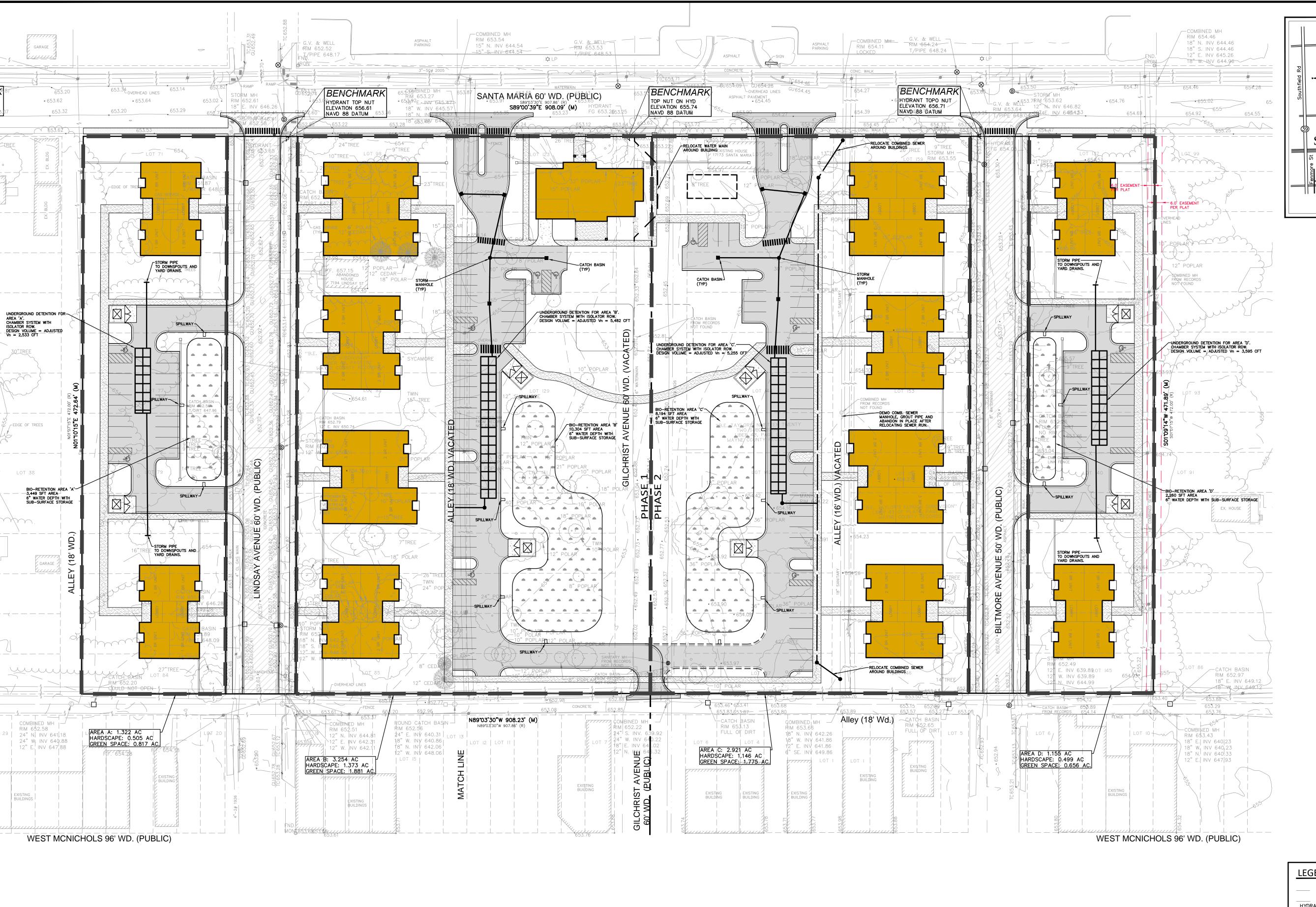
14 UNITS

48 UNITS









Water Quality Volume Req'd

(Landscape = 0.20,

Impervious = 0.95)

0.516

0.494

1.322

3.254

2.921

1.155

Bio-Retention

10,304

8,194

2,260

2,334

6,100

5,240

Infiltration Volume Provided (V_R)

2' deep sub-surface @30% void ratio

3,794

11,334

9,013

2,486

Bio-Retention w/

0.5' deep surface water

Flood Control Volume 100yr Adjusted Vn = Vn - VR

6,327

16,816

14,268

6,081

(Flood Control Vol - Infiltration

2,533

5,482

5,255

3,595

Provided) (cft)

Extended Detention Volume

4,435

11,590

9,957

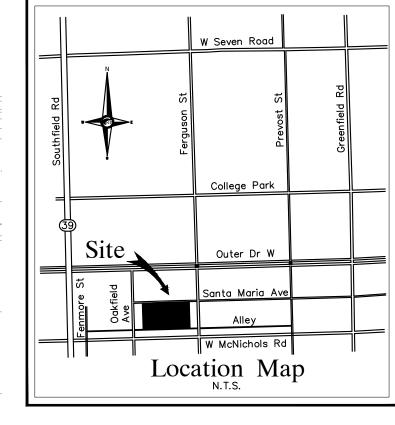
4,174

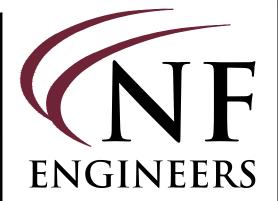
Drainage Area

Area B

Area C

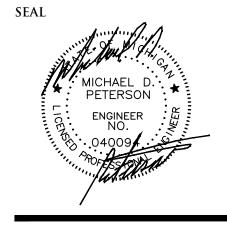
Area D





CIVIL ENGINEERS LAND SURVEYORS LAND PLANNERS

NOWAK & FRAUS ENGINEERS 46777 WOODWARD AVE PONTIAC, MI 48342-5032 TEL. (248) 332-7931 FAX. (248) 332-8257 WWW.NFE-ENGR.COM



PROJECT

Fellowship Estates Family Housing City of Detroit

CLIENT

Michales Development 542 S. Dearborn Street, Suite 800 Chicago, IL 60605

Contact: Alice Mwinzi Phone: (312) 455-0502

Fusco, Shaffer & Pappas 550 E. Nine Mile Road Ferndale, Michigan 48220 Contact: Steve Roffi Phone: (248) 543-4100

PROJECT LOCATION Part of the SW ½

of Section 12 T.1S., R.10E. City of Detroit, Wayne County, Michigan

Conceptual Stormwater Management Plan



DATE ISSUED/REVISED 05-07-2024 REVISED PER CLIENT 05-08-2024 REVISED PER CLIENT 05-09-2024 REVISED PER CLIENT

05-17-2024 PD MODIFICATION SUBMISSION

LEGEND	
MANHOLE S	EXISTING SANITARY SEWER
HYDRANT GATE VALVE MANHOLE CATCH BASIN	SAN. CLEAN OUT EXISTING WATER MAIN EXISTING STORM SEWER
UTILITY POLE GUY POLE GUY WRE	EX. R. Y. CATCH BASIN EXISTING BURIED CABLES OVERHEAD LINES
**************************************	LIGHT POLE SIGN
C.O. MANHOLE HYDRANT GATE VALVE INLET C.B. MANHOLE	EXISTING GAS MAIN PR. SANITARY SEWER PR. WATER MAIN PR. STORM SEWER
	PR. R. Y. CATCH BASIN SAND BACKFILL (95 % DENSITY)

EXISTING SANITARY SEWER SAN. CLEAN OUT	
EXISTING WATER MAIN	
EXISTING STORM SEWER EX. R. Y. CATCH BASIN	DRAW
EXISTING BURIED CABLES OVERHEAD LINES	N. N DESIG
LIGHT POLE	M. K
SIGN EXISTING GAS MAIN	M. F
PR. SANITARY SEWER PR. WATER MAIN	04-3
PR. STORM SEWER	SCALI
PR. R. Y. CATCH BASIN SAND BACKFILL	40
(95 % DENSITY) PROPOSED LIGHT POLE	NFE JO

DRAWN BY:			
N. Naoum			
DESIGNED BY:			
M. Kurmas			
APPROVED BY: M. Peterson			
DATE:			
04-30-2024			
SCALE: $1'' = 40'$			
40 20 0	20	40	6
NFE JOB NO.		SHEET	NO.

C.104

sheet index:

L.301 OVERALL CONCEPTUAL LANDSCAPE PLAN VIEW

L.302 CONCEPTUAL LANDSCAPE PLANTING DETAIL

L.303 CONCEPTUAL LANDSCAPE PLANTING DETAIL

L.304 LANDSCAPE NOTES & PLANT DETAILS

general landscape notes:

1. LANDSCAPE CONTRACTOR SHALL VISIT THE SITE, INSPECT EXISITING CONDITIONS, REVIEW PROPOSED PLANTINGS AND RELATED WORK, CONTACT THE OWNER AND/OR LANDSCAPE ARCHITECT WITH ANY CONCERNS OR DISCREPANCY BETWEEN THE PLAN, PLANT MATERIAL LIST, AND/OR SITE CONDITIONS.

2. PRIOR TO BEGINNING OF CONSTRUCTION ON ANY WORK, CONTRACTORS SHALL VERIFY LOCATIONS OF ALL ON SITE UTILITIES. GAS, ELECTRIC, TELEPHONE, CABLE TO BE LOCATED BY CONTACTING MISS DIG 1-800-482-7171. ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE ALL RELATED WORK ACTIVITIES WITH OTHER TRADES AND REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER PRIOR TO

3. NUMERICAL VALUE ON THE LANDSCAPE QUANTITIES SPECIFIED ON THE PLAN TAKE PRECEDENCE OVER GRAPHIC REPRESENTATION, VERIFY ANY CONCERN-DISCREPANCY WITH

4. ALL CONSTRUCTION AND PLANT MATERIAL LOCATION TO BE ADJUSTED ON SITE IF NECESSARY

5. ALL SUBSTITUTIONS OR DEVIATIONS FROM THE LANDSCAPE PLAN MUST BE APPROVED BY CITY OF DETROIT AND LANDSCAPE ARCHITECT

6. ALL LARGE TREES AND EVERGREENS TO BE STAKED, GUYED AND WRAPPED AS DETAILED, SHOWN ON PLAN.

1. PLANT BEDS TO BE DRESSED WITH MIN. 4" OF FINELY DOUBLE SHREDDED HARDBARK

8. DIG SHRUB PITS 1' LARGER THAN SHRUB ROOT BALLS AND TREE PITS 2' LARGER THAN ROOT BALL. BACK FILL WITH ONE PART TOP SOIL AND ONE PART SOIL FROM EXCAVATED PLANTING

9. NATURAL COLOR, FINELY SHREDDED HARDWOOD BARK MULCH REQUIRED FOR ALL

10. REMOVE ALL TWINE, WIRE AND BURLAP FROM TREE AND SHRUB EARTH BALLS, AND FROM TREE TRUNKS, 4" THICK BARK MULCH FOR TREES IN 4' DIA, CIRCLE WITH 3" PULLED AWAY FROM TRUNK . 4" THICK BARK MULCH FOR SHRUBS AND 4" THICK BARK MULCH FOR PERENNIALS.

11. PLANT MATERIAL QUALITY & INSTALLATION SHALL BE IN ACCORDANCE WITH THE CURRENT AMERICAN ASSOCIATION OF NURSERYMEN LANDSCAPE STANDARDS.

12. PROVIDE PEAT SOD FOR ALL NEW AND DISTURBED LAWN AREAS UNLESS NOTED OTHERWISE.

13. ALL PLANTING AREAS TO BE PREPARED WITH APPROPRIATE SOIL MIXTURES AND FERTILIZER BEFORE PLANT INSTALLATION.

14. PLANT TREES AND SHRUBS GENERALLY NO CLOSER THAN THE FOLLOWING DISTANCES FROM SIDEWALKS, CURBS AND PARKING STALLS:

a). SHADE TREES b). ORNAMENTAL AND EVERGREEN TREES (CRAB, PINE, SPRUCE, ETC.)_ c). SHRUBS THAT ARE LESS THAN I FOOT TALL AND WIDE AT MATURITY_

15. NO TREES OR EVERGREENS TO BE INSTALLED OVER AND/OR WITHIN 5' TO 6' OF ANY PROPOSED OR EXISTING UTILITY LINES AS SHOWN ON THE OVERALL LANDSCAPE PLAN. SEE

16. ALL LAWN AREAS AND LANDSCAPE BEDS TO BE FULLY IRRIGATED WITH AN AUTOMATIC UNDERGROUND SYSTEM, IRRIGATION SYSTEM TO HAVE SEPARTE ZONES FOR LAWN AREAS, PARKING ISLANDS, AND SHRUB BEDS WITH DIFFERENT CONTROL MOISTURE LEVEL ADJUSTMENT PER ZONE AS REQUIRED

17. UNLESS NOTED OTHERWISE, LANDSCAPE BEDS ADJACENT TO LAWN TO RECIEVE EDGING. EDGING SHALL BE 4" X 1/8" METAL (FINISH BLACK OR GREEN) OR APPROVED EQUAL AND TO BE INSTALLED WITH HORIZONTAL METAL STAKES AT 32" O.C. OR PER MANUFACTERER'S SPECIFICATION.

18. LANDSCAPE BEDS ADJACENT AND NEXT TO BUILDING SHALL BE EXCAYATED OF ALL BUILDING MATERIALS AND POOR SOILS A MIN. OF 12" DEPTH. BACK FILL WITH GOOD, MEDIUM TEXTURED PLANTING SOILS, ADD A MIN. 4" OF TOPSOIL OVERFILL TO FINISH GRADE, PROVIDE POSITIVE DRAINAGE.

19. WATERING OF ALL PLANTS AND TREES TO BE PROVIDED IMMEDIATELY AND MULCHING WITHIN 24 HOURS AFTER INSTALLATION.

PROVIDE APPROPRIATE DRAINAGE SYSTEM AS REQUIRED IF THE TREE PIT DOES NOT DRAIN 21. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL LANDSCAPE PLANT MATERIALS AND

20. ALL TREE PITS TO BE TESTED FOR PROPER DRAINAGE PRIOR TO TREE PLANTING.

IRRIGATION INSTALLATION FOR A PERIOD OF TWO YEAR BEGINNING AFTER THE COMPLETION OF LANDSCAPE INSTALLTION DATE APPROVED BY THE TWP. OR LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL REPLACE DURING AND AT THE END OF THE GUARANTEE PERIOD, ANY DEAD OR UNACCEPTABLE PLANTS, AS DETERMINED BY THE TOWNSHIP OR LANDSCAPE ARCHITECT, WITHOUT COST TO THE OWNER.

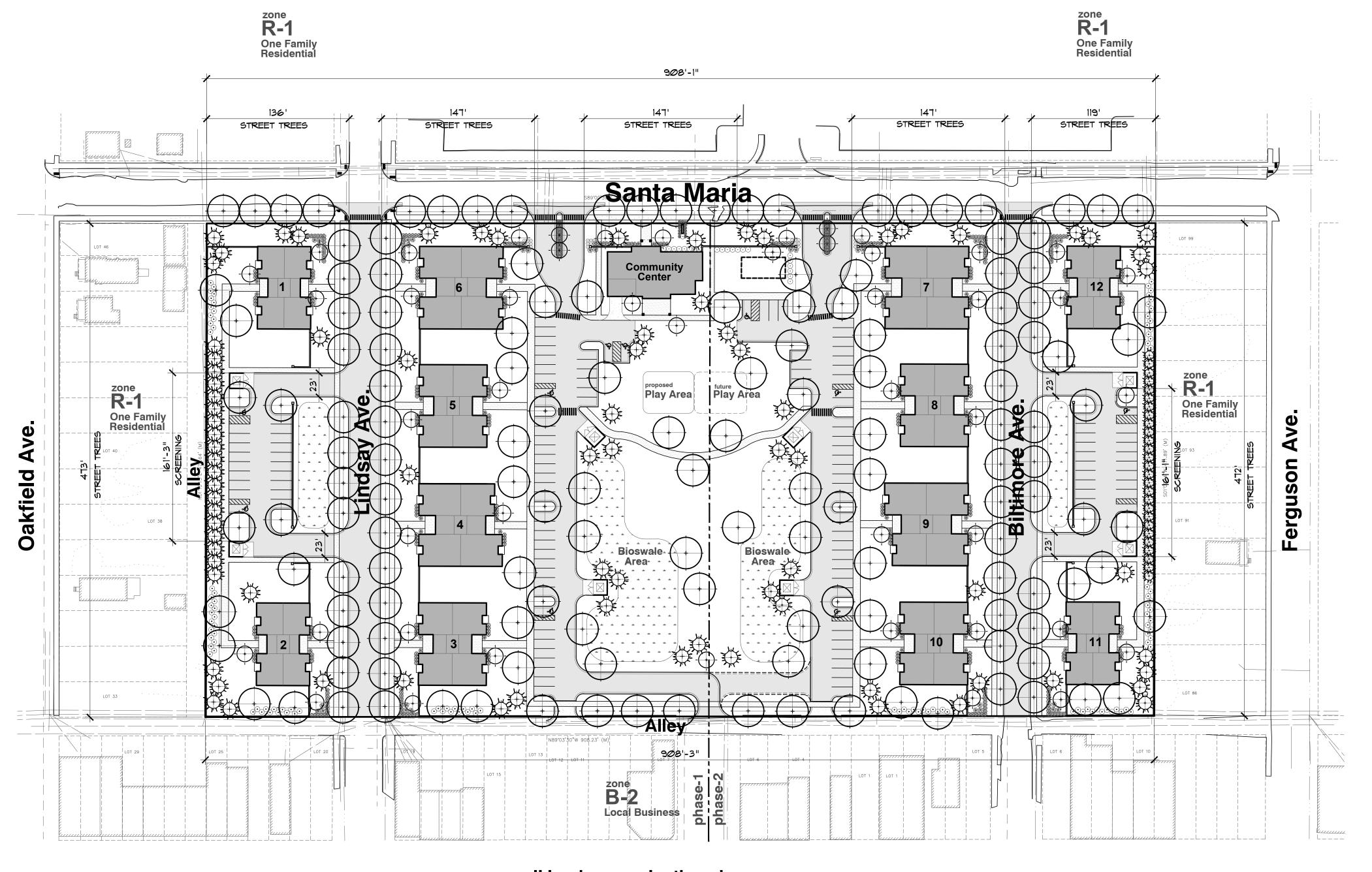
22. TREES SHALL NOT BE PLANTED CLOSER THAN (4') FOUR FEET TO A PROPERTY LINE.

overall conceptual landscape plan view for:

Family Housing
City of Detroit, Michigan

note:

conceptual landscape plan for graphic presentation purposes only and in no way a construction document or approved for record.



overall landscape planting view

SCALE: |" =60' - 0"

landscape requirement summary

street tree (Santa Maria)	REQUIRED	PROVIDED
TOTAL LN.FT. OF SANTA MARIA ROAD FRONTAGE 696'±		
ONE (1) DECIDUOUS OR EVERGREEN TREE PER 30 LN.FT (696' / 30 LN.FT. =23.2 TREES)	23	23+
street tree (Lindsay Ave.)	REQUIRED	PROVIDED
TOTAL LN.FT. OF LINDSAY AVE. FRONTAGE 920'+		
ONE (1) 3"DECIDUOUS OR EVERGREEN TREE PER 30 LN.FT (920' / 30 LN.FT. =30.66 TREES)	31	31+
street tree (Biltmore Ave.)	REQUIRED	PROVIDED

Street tree (Biltmore Ave.)	REQUIRED	PROVIDED
TOTAL LN.FT. OF BILTMORE AVE. FRONTAGE918'±		
ONE (1) 3"DECIDUOUS OR EVERGREEN TREE PER 30 LN.FT (918' / 30 LN.FT. =30.6 TREES)	31	31+
parking (phase-1)	REQUIRED	PROVIDED
TOTAL NO. OF PARKING PROVIDED62	1,364	1,400+
INTERIOR PARKING LANDSCAPE AREA	SQ.FT.	SQ.FT.
(22 SQFT PER SPACE \times 62-SPACES =1,364 SQ.FT.)		
INTERIOR PARKING TREES	6	6+
1-TREE PER 250 SQ.FT. OF INTERIOR LANDSCAPE AREA (1,364 SQ.FT. AREA / 250 SQFT PER TREE = 5.4 TREES)		

parking (phase-2)	REQUIRED	PROVIDED
TOTAL NO. OF PARKING PROVIDED64	1,408	1,42Ø+
INTERIOR PARKING LANDSCAPE AREA		SQ.FT.
(22 SQ.FT PER SPACE \times 64-SPACES = 1,408 SQ.FT.)		
INTERIOR PARKING TREES	6	6+
1-TREE PER 250 SQ.FT. OF INTERIOR LANDSCAPE AREA (1,408 SQ.FT. AREA / 250 SQFT PER TREE = 5.6 TREES)		

residential screening (west property line)	REQUIRED	PROVIDED
OTAL LN.FT. OF PROPERTY FRONTAGE162'±		
SCREENING LANDSCAPE AREA WIDTH	1Ø'	100'
6' HIGH MASONARY WALL ALONG PARKING FRONTAGE AND LANDSCAPE	WALL	PER CITY REVIEW 'A'
residential screening (east property line)	REQUIRED	PROVIDED
OTAL LN.FT. OF PROPERTY FRONTAGE162'±		
SCREENING LANDSCAPE AREA WIDTH	1Ø'	10'

'A' PROPOSED 8' HIGH EVERGREEN TREES IN-LIEU OF 6' HIGH MASONRY WALL



MICHALES DEVELOPMENT

542 S. DEARBORN STREET, SUITE 800 CHICAGO, ILLINOIS 60605

FELLOWSHIP ESTATES FAMILY HOUSING

project location:

City of Detroit. Michigan

Santa Maria, Biltmore Ave. and Lindsay Ave. & Hill Road

sheet title:

OVERALL CONCEPTUAL LANDSCAPE PLAN VIEW

job no./issue/revision date:

LP24.058.05 CITY REVIEW 5-14-2024

JP, JM,

checked by:

4-28-2024

notice:

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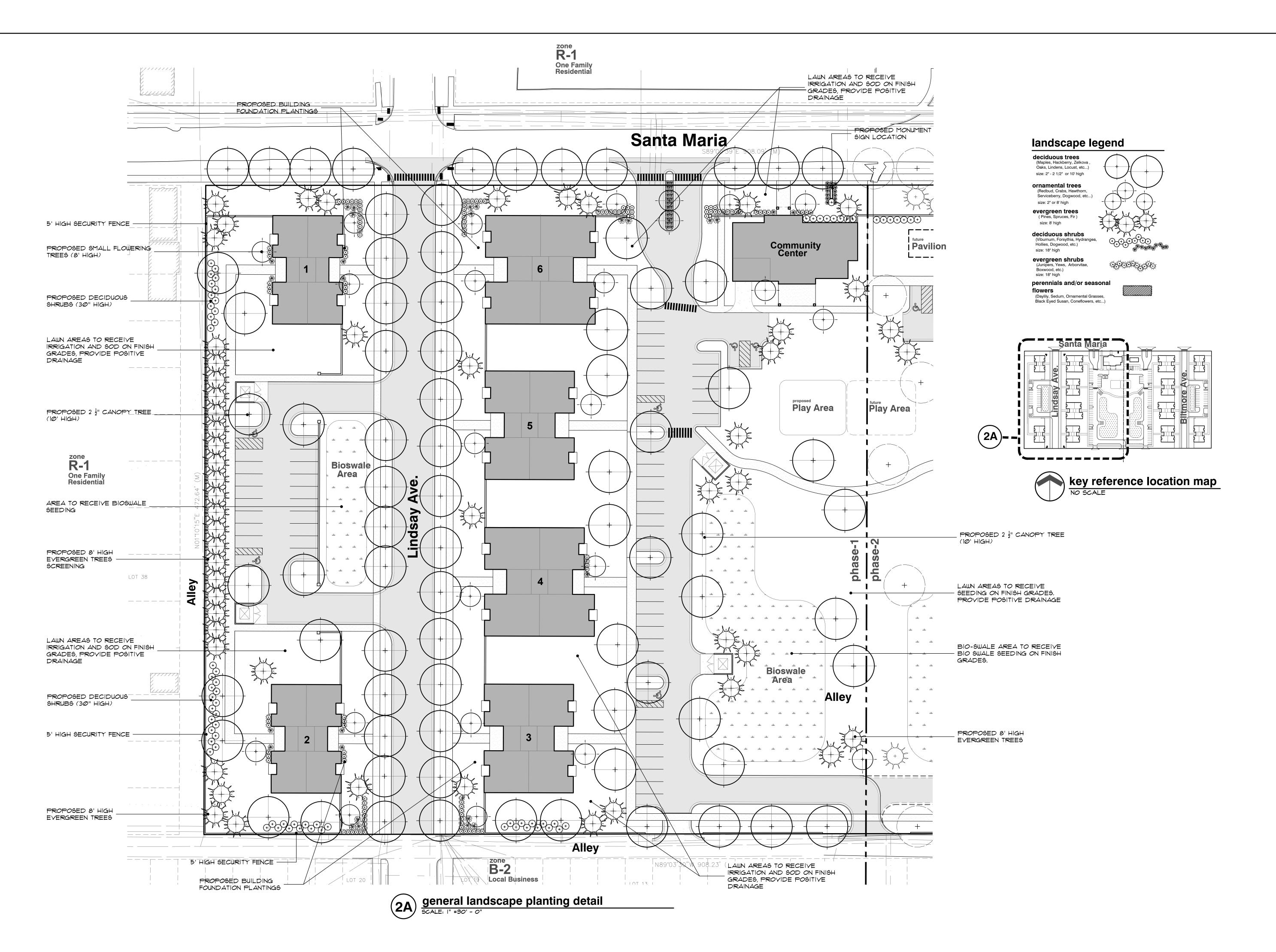
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project no:

LS24.058.04

sheet no:

L.301 of 4





seal:

OF MICHAELING

FELINO

A. PASCUAL

ARCHITECT

ANDSCAPE

ARCHITECT

ANDSCAPE

AN

client:

MICHALES DEVELOPMENT

542 S. DEARBORN STREET, SUITE 800 CHICAGO, ILLINOIS 60605

project:

FELLOWSHIP ESTATES
FAMILY HOUSING

project location:

City of Detroit.
Michigan

Santa Maria, Biltmore Ave. and Lindsay Ave. & Hill Road

sheet title:

GENERAL LANDSCAPE PLANTING DETAIL

job no./issue/revision date:

LP24.058.05 CITY REVIEW 5-14-2024

drawn by: **JP, JM,**

checked by:

notice:

date: 4-28-2024

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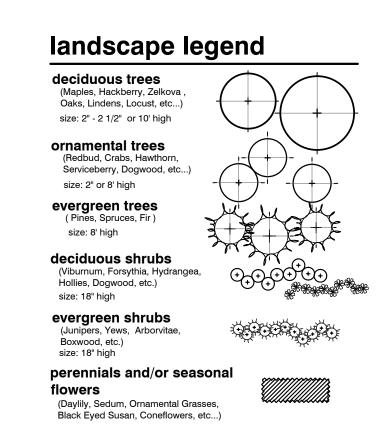
3 WORKING DAYS
BEFORE YOU DIG
CALL MISS DIG
1-800-482-7171
For free location of public utility lines

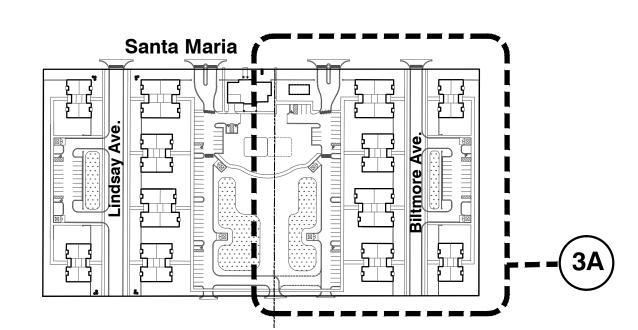
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project no: LS24.058.04

sheet no:

L.302 of 4







planting landscape notes:

- I. PLANT MATERIALS TO BE INSTALLED ACCORDING TO THE CITY OF DETRIOT AND CURRENT AMERICAN ASSOCIATION OF NURSERYMEN'S STANDARDS.
- 2. PLANT MATERIALS TO BE GUARANTEED FOR 2 YEARS. REPLACE FALLING MATERIAL WITHIN I YEAR, OR THE NEXT APPROPRIATE PLANTING PERIOD.
- 3. PLANT MATERIALS TO BE OF PREMIUM QUALITY, NO. I GRADE NORTHERN NURSURY GROWN, IN HEALTHY CONDITION, FREE OF PESTS AND DISEASES.
- 4. MULCH IS TO BE NATURAL COLORED, FINELY SHREDDED HARDWOOD BARK OF 4" THICK BARK MULCH FOR TREES IN 4' DIA. CIRCLE W/3" PULLED AWAY FROM TRUNK, 3" THICK BARK MULCH
- FOR SHRUBS AND 2" THICK BARK MULCH FOR PERRENIALS.
- 5. CALL MISS DIG AT 1-800-482-7171 PRIOR TO ANY CONSTRUCTION.

DECIDUOUS & EVERGREEN TREE:

- I. TREE SHALL BE INSTALLED SAME RELATIONSHIP TO FINISH GRADE AS IT BORE ORIGINALLY OR SLIGHTLY HIGHER THAN FINISH GRADE UP TO 6" ABOVE GRADE, IF DIRECTED BY LANDSCAPE ARCHITECT FOR HEAVY CLAY SOIL AREAS.
- 2. DO NOT PRUNE TERMINAL LEADER, PRUNE ONLY DEAD OR BROKEN BRANCHES.
- 3. REMOVE ALL TAGS, STRING, PLASTICS AND OTHER MATERIALS THAT ARE UNSLIGHTLY AND COULD CAUSE GIRDLING.
- 4. REMOVE TREE STAKES, GUY WIRES AND TREE WRAP AFTER ONE WINTER SEASON.

SHRUB:

- I. SHRUB SHALL BE INSTALLED SAME RELATIONSHIP TO FINISH GRADE AS IT BORE ORIGINALLY OR SLIGHTLY HIGHER THAN FINISH GRADE UP TO 4" ABOVE GRADE, IF DIRECTED BY LANDSCAPE ARCHITECT FOR HEAVY CLAY SOIL AREAS.
- 2. DO NOT PRUNE TERMINAL LEADER, PRUNE ONLY DEAD OR BROKEN BRANCHES.
- 3. REMOVE ALL TAGS, STRING, PLASTICS AND OTHER MATERIALS THAT ARE UNSLIGHTLY AND COULD CAUSE GIRDLING.

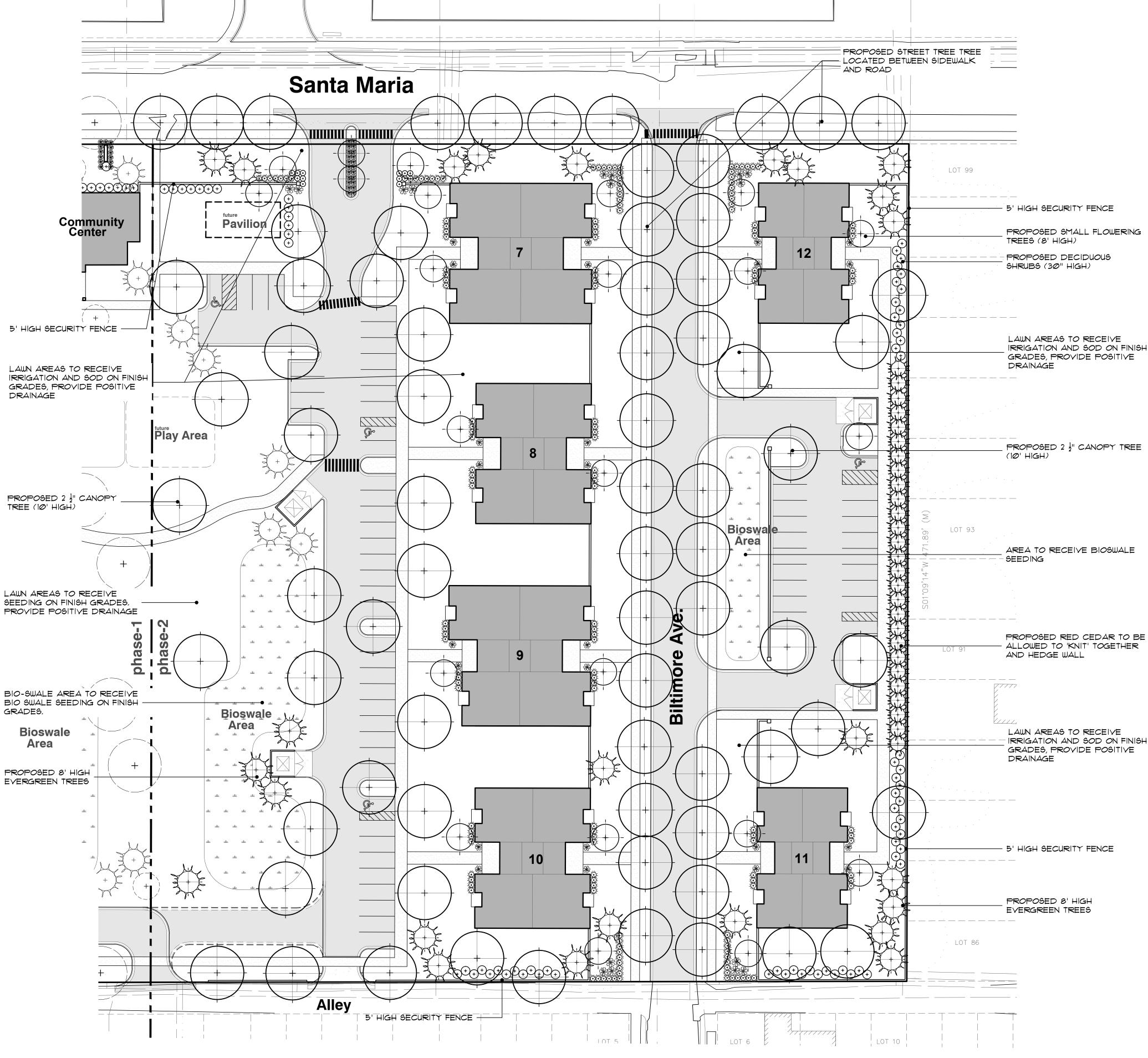
landscape maintenance notes:

LANDSCAPE MAINTENANCE PROCEDURES AND FREQUENCIES TO BE FOLLOWED SHALL BE SPECIFIED ON THE LANDSCAPE PLAN, ALONG WITH THE MANNER IN WHICH THE EFFECTIVENESS, HEALTH AND INTENDED FUNCTIONS OF THE VARIOUS LANDSCAPE AREAS ON THE SITE WILL BE ENSURED.

I. LANDSCAPING SHALL BE KEPT IN A NEAT, ORDERLY AND HEALTHY GROWING CONDITION, FREE FROM DEBRIS AND REFUSE.

2. PRUNING SHALL BE MINIMAL AT THE TIME OF INSTALLATION, ONLY TO REMOVE DEAD OR DISEASED BRANCHES. SUBSEQUENT PRUNING SHALL ASSURE PROPER MATURATION OF PLANTS TO ACHIEVE THEIR APPROVED PURPOSE.

3. ALL DEAD OR DISEASED PLANT MATERIAL SHALL BE REMOVED AND REPLACED WITHIN SIX (6) MONTHS AFTER IT DIES OR IN THE NEXT PLANTING SEASON, WHICHEVER OCCURS FIRST. THE PLANTING SEASON FOR DECIDUOUS PLANTS SHALL BE BETWEEN MARCH IS AND NOVEMBER IS OR UNTIL THE PREPARED SOIL BECOMES FROZEN. THE PLANTING SEASON FOR EVERGREEN PLANTS SHALL BE BETWEEN MARCH I AND JUNE I. PLANT MATERIAL INSTALLED TO REPLACE DEAD OR DISEASED MATERIAL SHALL BE AS CLOSE AS PRACTICAL TO THE SIZE OF THE MATERIAL IT IS INTENDED TO REPLACE.









client:

MICHALES DEVELOPMENT

542 S. DEARBORN STREET, SUITE 800 CHICAGO, ILLINOIS 60605

project:

FELLOWSHIP ESTATES FAMILY HOUSING

project location:

City of Detroit.

Michigan
Santa Maria, Biltmore
Ave. and Lindsay Ave.
& Hill Road

sheet title:

LANDSCAPE PLANTING DETAIL

job no./iss	sue/revision date:
	CITY REVIEW 5-14-2024

drawn by: **JP, JM,**

checked by: **FP**

date: 4-28-2024

notice:
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project no: LS24.058.04

sheet no:

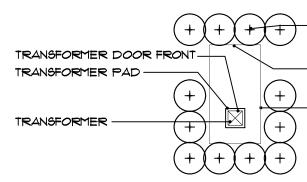
L.303 of 4

bio-swale

BEST SUITED FOR DRAINAGE SWALES OR DEPRESSIONS, THE NATIVE PLANTS USED IN THIS MIX HELP FILTER POLLUTANTS FROM LAWNS AND PAVEMENT RUNOFF. THIS SEED MIX CAN ALSO BE APPLIED TO AREAS THAT TEMPORARILY RETAIN WATER AFTER A RAIN EVENT OR DRY-BOTTOMED DETENTION BASINS THE SWALE SEED MIX INCLUDES AT LEAST 10 OF 12 NATIVE PERMANENT GRASS AND SEDGE SPECIES AND 12 OF 17 NATIVE FORB SPECIES TO PROVIDE DIVERSITY FOR ESTABLISHMENT. APPLY AT 37.00 PLS POUNDS PER ACRE.

BOTANICAL NAME	COMMON NAME	PLS OZ/ACR
PERMANENT GRASSES/SEDGES		
ANDROPOGON GERARDII	BIG BLUESTEM	4.00
CAREX CRISTATELLA	CRESTED OVAL SEDGE	0.50
CAREX LURIDA	BOTTLEBRUSH SEDGE	3.00
CAREX SPP.	PRAIRIE SEDGE SPECIES	8.00
CAREX VULPINOIDEA	BROWN FOX SEDGE	3.00
ELYMUS CANADENSIS	CANADA WILD RYE	16.00
ELYMUS VIRGINICUS	VIRGINIA WILD RYE	16.00
JUNCUS CANADENSIS	CANADIAN RUSH	1.00
PANICUM VIRGATUM	SWITCH GRASS	3.00
SCIRPUS ATROVIRENS	DARK GREEN RUSH	2.00
SCIRPUS CYPERINUS	WOOL GRASS	0.50
SPARTINA PECTINATA	PRAIRIE CORD GRASS	3.00
	TOTAL	60.00
TEMPORARY COVER		

AVENA SATIVA	COMMON OAT 512.00	
	TOTAL	512.00
FORBS		
ALISMA SUBCORDATUM	COMMON WATER PLANTAIN	1.00
ASCLEPIAS INCARNATA	SWAMP MILKWEED	2.00
COREOPSIS TRIPTERIS	TALL COREOPSIS	1.00
EUTHAMIA GRAMINIFOLIA	COMMON GRASS-LEAVED GOLDENI	ROD 0.50
EUTROCHIUM MACULATUM	SPOTTED JOE-PYE WEED	1.00
IRIS VIRGINICA V. SHREVEI	BLUE FLAG	4.00
LIATRIS SPICATA	MARSH BLAZING STAR	1.00
LYCOPUS AMERICANUS	COMMON WATER HOREHOUND	0.50
MIMULUS RINGENS	MONKEY FLOWER	0.50
PENTHORUM SEDOIDES	DITCH STONECROP	1.00
PYCNANTHEMUM VIRGINIANUM	COMMON MOUNTAIN MINT	0.50
RUDBECKIA TRILOBA	BROWN-EYED SUSAN	1.00
SENNA HEBECARPA	WILD SENNA	1.00
SILPHIUM TEREBINTHINACEUM	PRAIRIE DOCK	1.00
SYMPHYOTRICHUM NOVAE-ANGLIAE	NEW ENGLAND ASTER	0.50
VERBENA HASTATA	BLUE VERVAIN	1.50
ZIZIA AUREA	GOLDEN ALEXANDERS	2.00
	TOTAL	20.00



CLEARANCE BOUNDARY AT TRANSFORMER DOOR FRONT 3' TYP. CLEARANCE BOUNDARY ALONG TRANSFORMER SIDES AND BACK

LANDSCAPE SCREENING

transformer pad planting detail

A MINIMUM OF 2' SEPARATION BETWEEN TRANSFORMER AND FULL GROWN SHRUBS AND TREES. GROUND COVERS ALLOWED UP TO TRANSFORMER PAD IF MAINTAINED BELOW 4" FULL GROWTH. IF TRANSFORMER FACES TOWARDS THE HOUSE, THEN THE SAME CONDITIONS EXIST. NO FULL GROWTH IN FRONT OF THE TRANSFORMER FOR AT LEAST A MINIMUM OF 8'. THERE ARE NO WAIVERS GRANTED TO THE ABOVE CONDITION. DETAIL PER THE DETROIT EDISON COMPANY-SERVICE PLANNING DEPARTMENT (9-17-98)

SEE ENGINEERING PLANS FOR PROPOSED LOCATIONS. TOTAL NUMBER OF TRANSFORMERS AND FINAL NO. AND LOCATIONS PER DETROIT EDISON REQUIREMENTS.

lawn area:

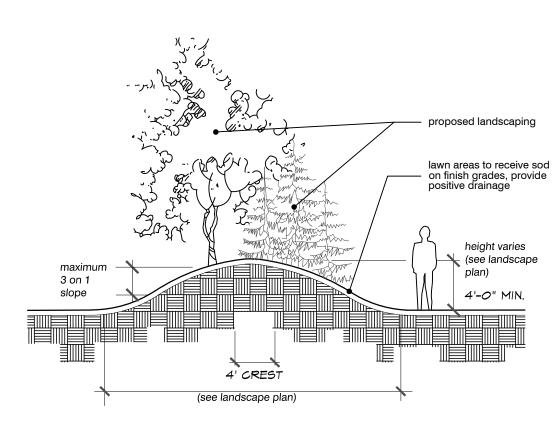
SOD LAWN AREAS SHALL BE KENTUCKY BLUE GRASS BLEND GRASS IN A SOD NURSERY ON LOAM SOIL. SOD TO BE INSTALLED ON MINIMUM 4" TOPSOIL.

SEEDED LAWN AREAS SHALL CONSIST OF THE FOLLOWING TYPES AND PROPORTIONS:

> 5% PERENNIAL RYE GRASS 10% RED FESCUE 25% CHEWING FESCUE

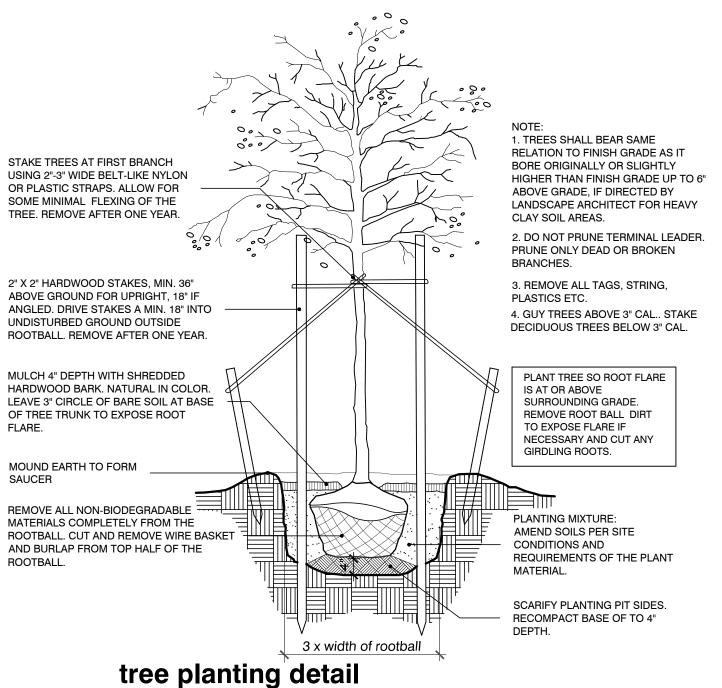
60% KENTUCKY BLUE GRASS

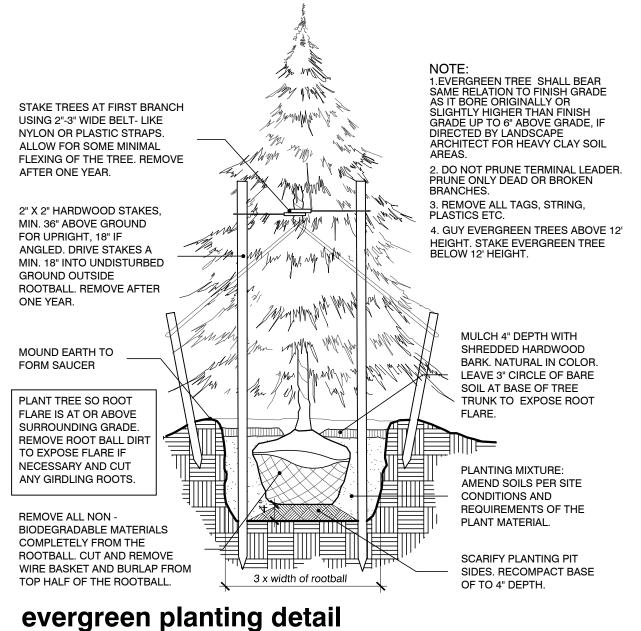
SEED MIX SHALL BE APPLIED AT A RATE OF 200 POUNDS PER ACRE AND WEED CONTENT SHALL NOT EXCEED 1%. SEED. PROVIDE A MINIMUM 4" TOP SOIL ON ALL SEEDED

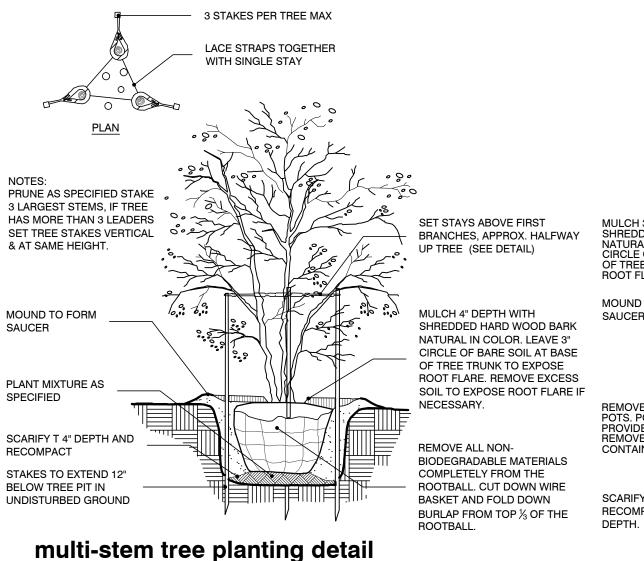


berm planting detail

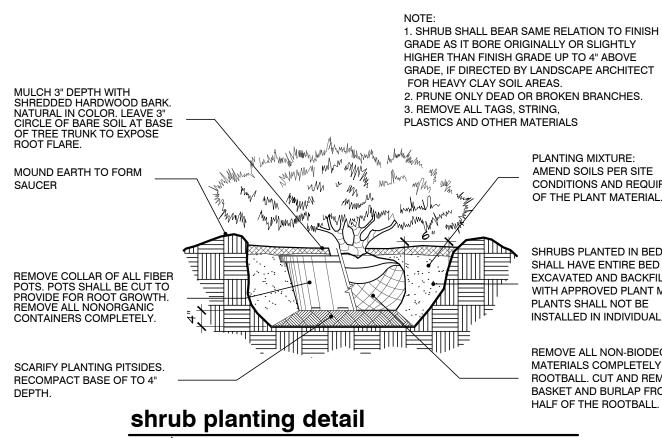
no scale

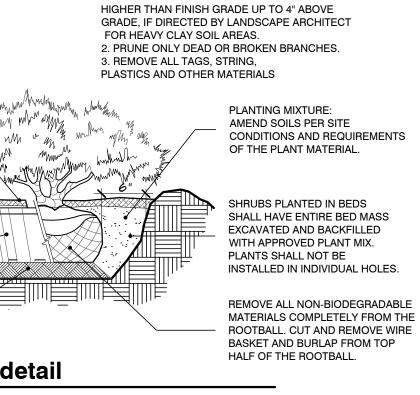


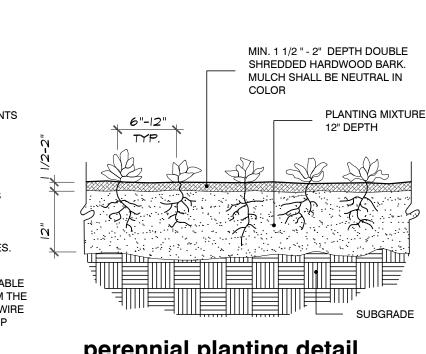




no scale







perennial planting detail

LS24.058.04

and ASSOCIATES Community Land Planner and registered Landscape Architect 24333 Orchard Lake Rd, Suite G Farmington Hills, MI 48336 ph. (248) 557-5588 fax. (248) 557-5416

MICHALES DEVELOPMENT

542 S. DEARBORN STREET, SUITE 800 CHICAGO, ILLINOIS 60605

FELLOWSHIP **ESTATES**

FAMILY HOUSING

project location:

City of Detroit. Michigan Santa Maria, Biltmore Ave. and Lindsay Ave.

sheet title:

& Hill Road

LANDSCAPE MATERIAL LIST, PLANT DETAILS & NOTES

job no./issue/revision date:

LP24.058.05 CITY REVIEW 5-14-2024

JP, JM,

checked by:

date: 4-28-2024

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the written permission of Felino Pascual and Associates Do Not scale drawings. Use figured dimensions only

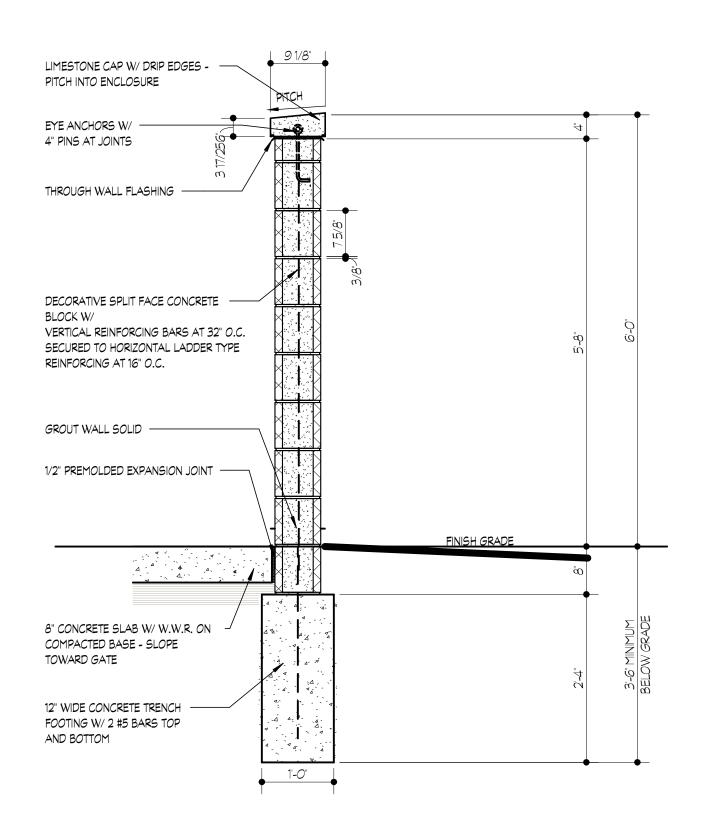
> 3 WORKING DAYS BEFORE YOU DIG CALL MISS DIG

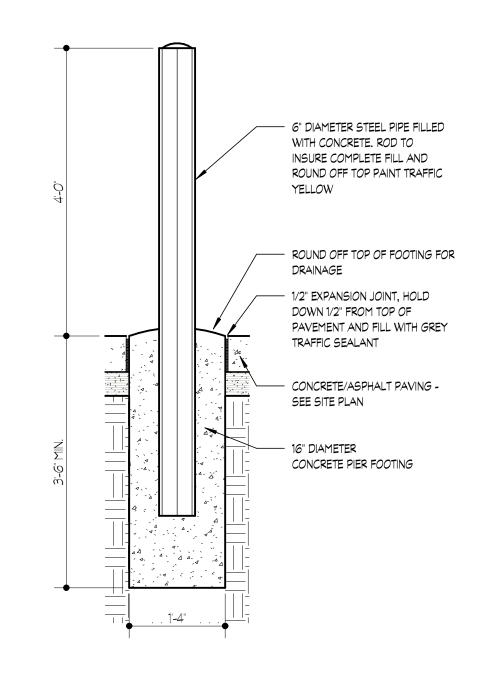
1-800-482-7171 For free location of public utility line he location and elevations of existing

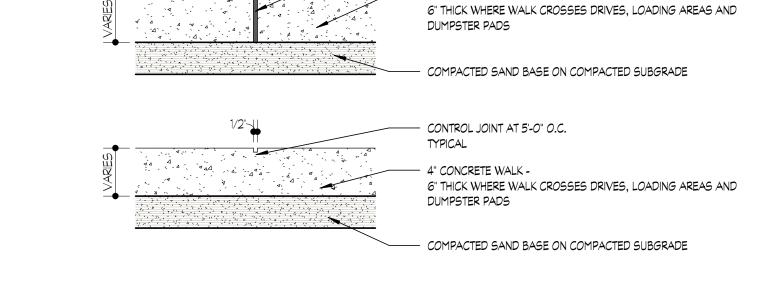
underground utilities as shown on this drawing are only approximate. no guarantee is either expressed or implied as to the completeness of accuracy, contractor shall be exclusively responsible for determining the exact location and elevation prior to the start of construction

project no:

sheet no:







- 1/2" EXPANSION JOINT AT 20'-0"

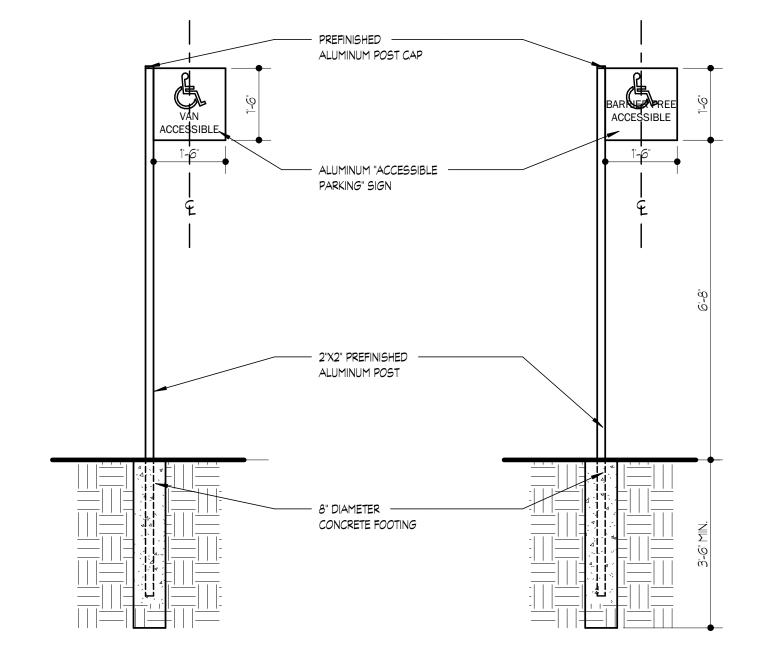
- 4" CONCRETE WALK -

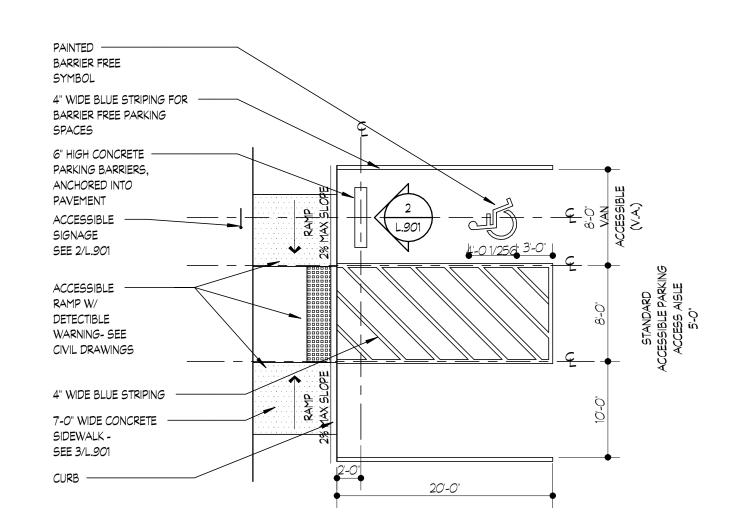
SCREEN WALL SECTION

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









ACCESSIBLE SIGN ELEVATION

SCALE: 1/2" = 1-0"







MICHIGAN

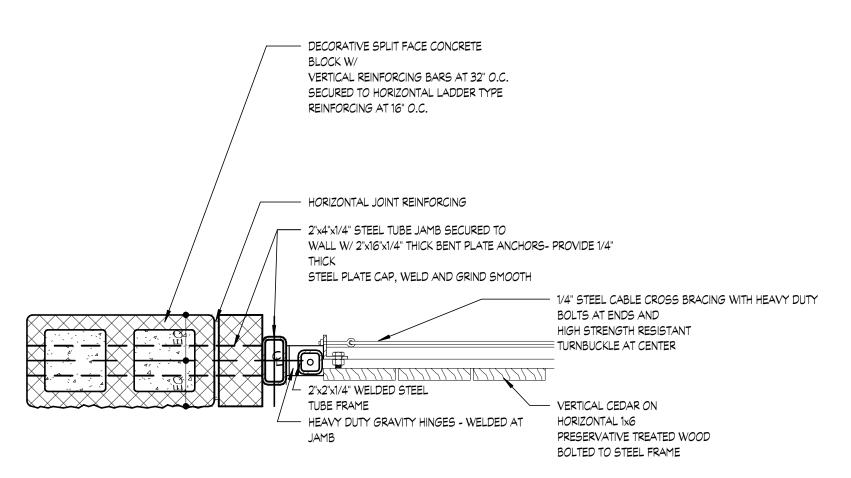
COMMUNITY MEETING

APRIL 24, 2024

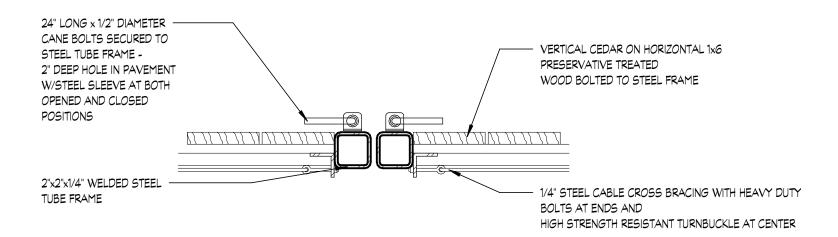
PRE-APPLICATION MEETING MAY 2, 2024

> PD MODIF. SUBMISSION MAY 17, 2024

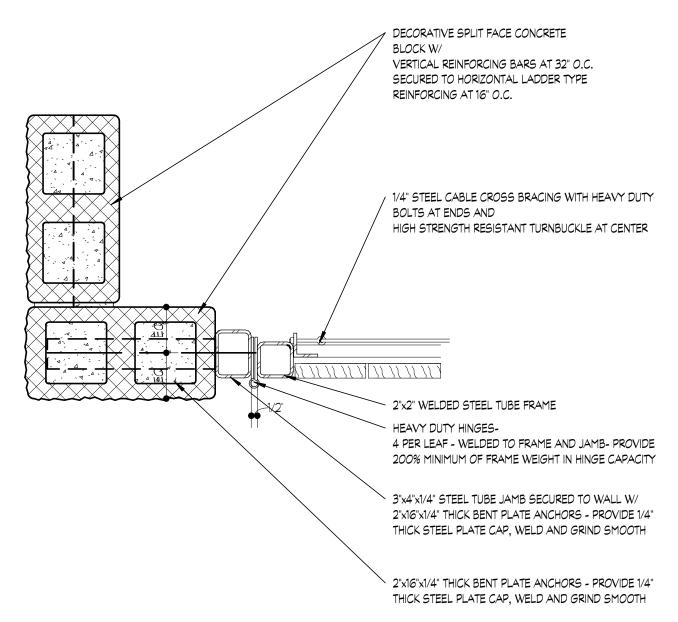
L.901



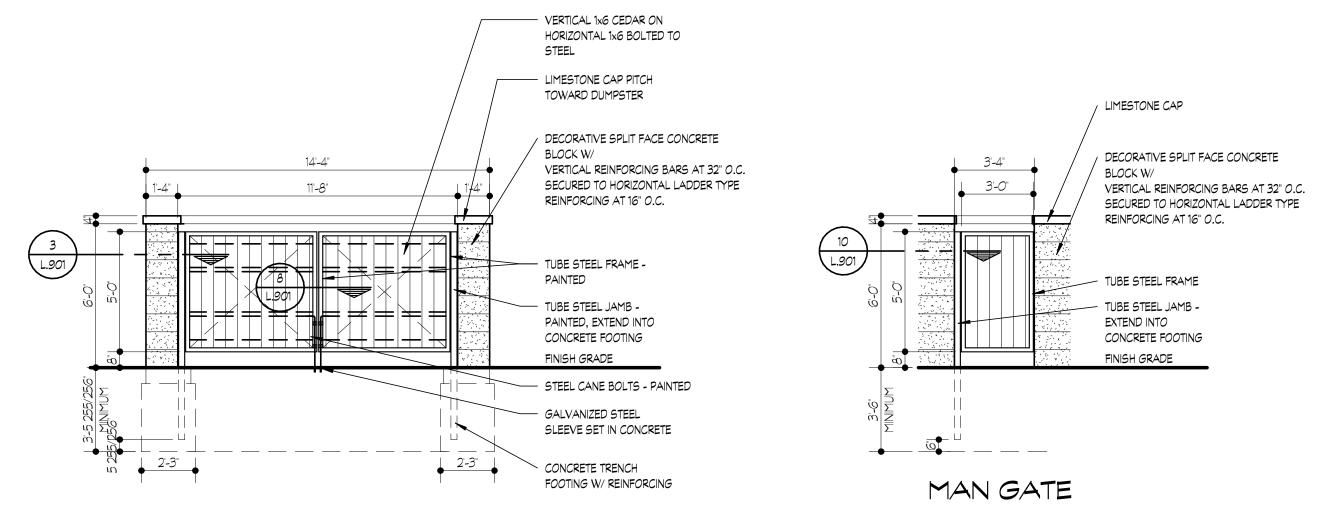




GATE LATCH SECTION SCALE: 11/2" = 1-0"

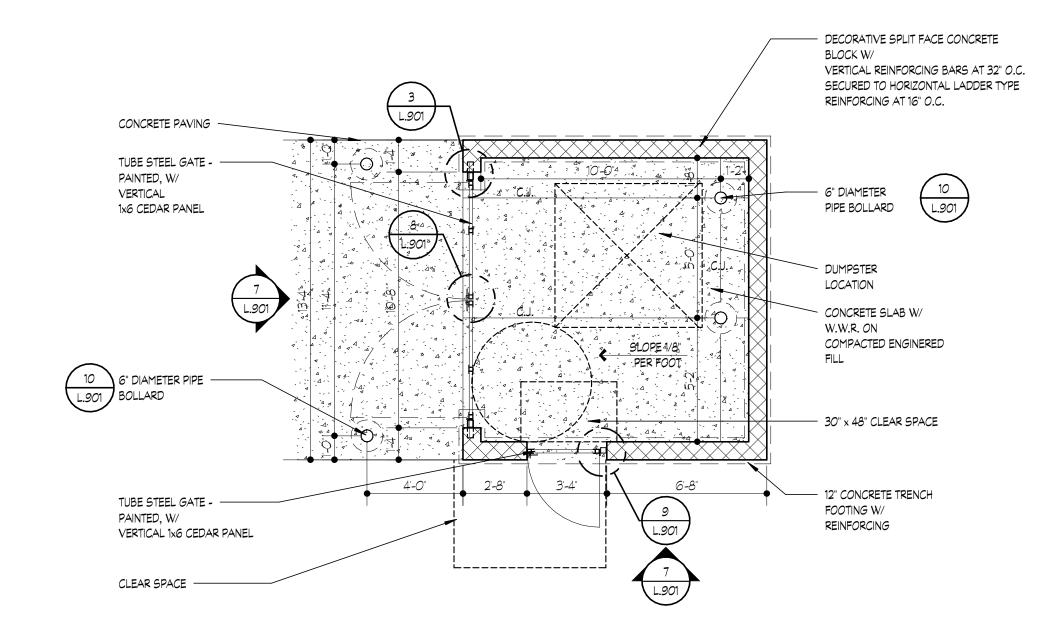






DUMPSTER ENCLOSURE GATE ELEVATION

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







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ARCHITECTS AND PLANNERS

MICHIGAN

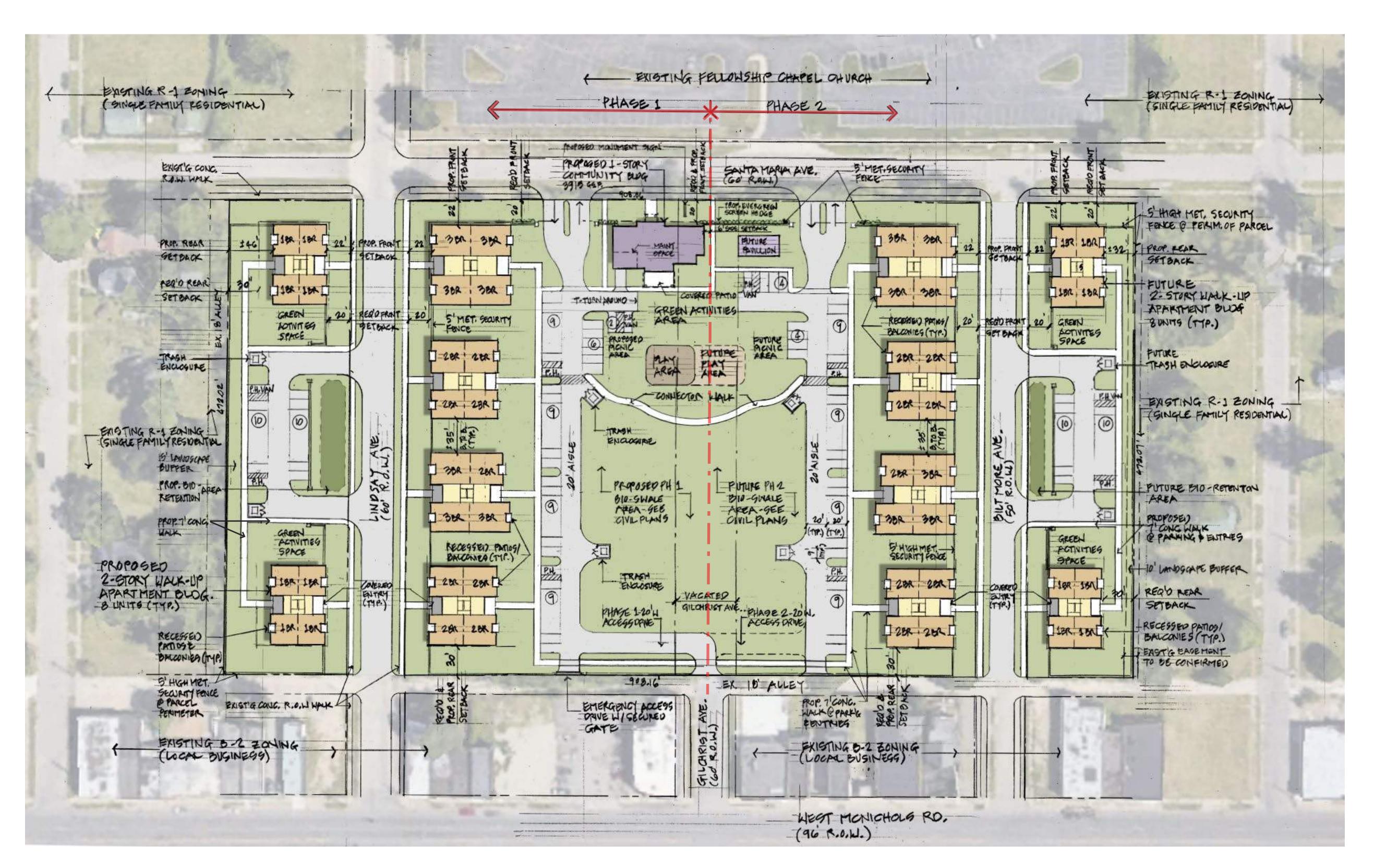
COMMUNITY MEETING

APRIL 24, 2024

PRE-APPLICATION MEETING MAY 2, 2024

> PD MODIF. SUBMISSION MAY 17, 2024

L.902



CONCEPTUAL SITE PLAN

" = **50**'-0"

NOTES:

- 1. ALL INTENSITY AND DIMENSIONAL DATA NOTED AS "REQUIRED" OR "ALLOWABLE" IS BASED ON R-3 ZONING STANDARDS.
- 2. DETENTION POND TO MEET ALL PUBLIC SAFETY STANDARDS & APPLICABLE CODE REQUIREMENTS.
- 3. SEE CIVIL SITE LAYOUT PLAN FOR ACTUAL SITE DIMENSIONS & STORM WATER MANAGEMENT SYSTEM.

SITE DATA (PHASE 1 & 2)

TOTAL LOT SIZE

+/- 376,766 SF OR +/- 8.64 ACRES

+/- 114,670 SF

60 SPACES

+/- 67,614 SF

+/- **57,713 SF**

48 UNITS

ZONING PD (PLANNED DEVELOPMENT DISTRICT)

PARKING REQUIRED

1.25 PARKING SPACE FOR EACH UNIT

1.25 SPACES x 96 UNITS 120 SPACES

PARKING PROVIDED

APARTMENTS - 112 OPEN SPACES + 8 P.H. 120 SPACES **COMMUNITY BUILDING** 8 SPACES TOTAL PARKING PROVIDED 128 SPACES

DENSITY 11.1 D.U/AC.

RECREATION SPACE

LOT COVERAGE-APARTMENTS & COMMUNITY BUILDING LOT COVERAGE (57,720 SF) 15.3% MINIMUM ALLOWABLE RSR 12.0% PROVIDED RSR (114,670 S.F./ 114,755 S.F.) 0.99 OR 99%

BUILDING DATA (PHASE 1 & 2)

GROSS APARTMENT BUILDING AREA

1ST FLOOR AREA +/- 53,894 SF 2ND FLOOR AREA +/- 53,702 SF GROSS APARTMENT BUILDING AREA TOTAL +/- 107,596 SF

GROSS COMMUNITY BUILDING AREA +/- 3,915 SF **TOTAL GROSS BUILDING AREA** +/-111,511 SF

BUILDING HEIGHT - APARTMENTS

ALLOWABLE (PER PD)
PROVIDED 39'-0" (3 STORIES) 26'-0" (2 STORIES)

UNIT COUNT / MIX - APARTMENTS 1 BEDROOM - 720 SF (33.5%) 32 UNITS 2 BEDROOM - 930 SF (37.5%) **36 UNITS** 3 BEDROOM - 1,110 SF (29%) **28 UNITS** TOTAL (INCL. 16 P.H. UNITS)

SITE DATA (PHASE 1)

APROX. LOT SIZE +/- 199,112 SF OR +/- 4.57 ACRES

PARKING REQUIRED

RECREATION SPACE

1.25 PARKING SPACE FOR EACH UNIT 1.25 SPACES x 48 UNITS

PARKING PROVIDED

APARTMENTS - 56 OPEN SPACES + 4 P.H. **60 SPACES COMMUNITY BUILDING 4 SPACES TOTAL PARKING PROVIDED 64 SPACES**

LOT COVERAGE-APARTMENTS & COMMUNITY BUILDING

LOT COVERAGE (29,310 SF) 15.55% MINIMUM ALLOWABLE RSR 12.0% PROVIDED RSR (67,614 S.F./ 59,335 S.F.) 1.39 OR 139%

BUILDING DATA (PHASE 1)

GROSS APARTMENT BUILDING AREA

1ST FLOOR AREA +/- 26,947 SF **2ND FLOOR AREA** +/- 26,851 SF GROSS APARTMENT BUILDING AREA TOTAL +/- 53,798 SF **GROSS COMMUNITY BUILDING AREA** +/- 3,915 SF

TOTAL GROSS BUILDING AREA

TOTAL (INCL. 8 P.H. UNITS)

ARCHITECTS AND PLANNERS

UNIT COUNT / MIX - APARTMENTS 1 BEDROOM - 718 SF (33.5%) 16 UNITS 2 BEDROOM - 928 SF (37.5%) 18 UNITS 3 BEDROOM - 1,153 SF (29%) 14 UNITS

FELLOWSHIP ESTATES FAMILY HOUSING

DETROIT,

MICHIGAN COMMUNITY MEETING

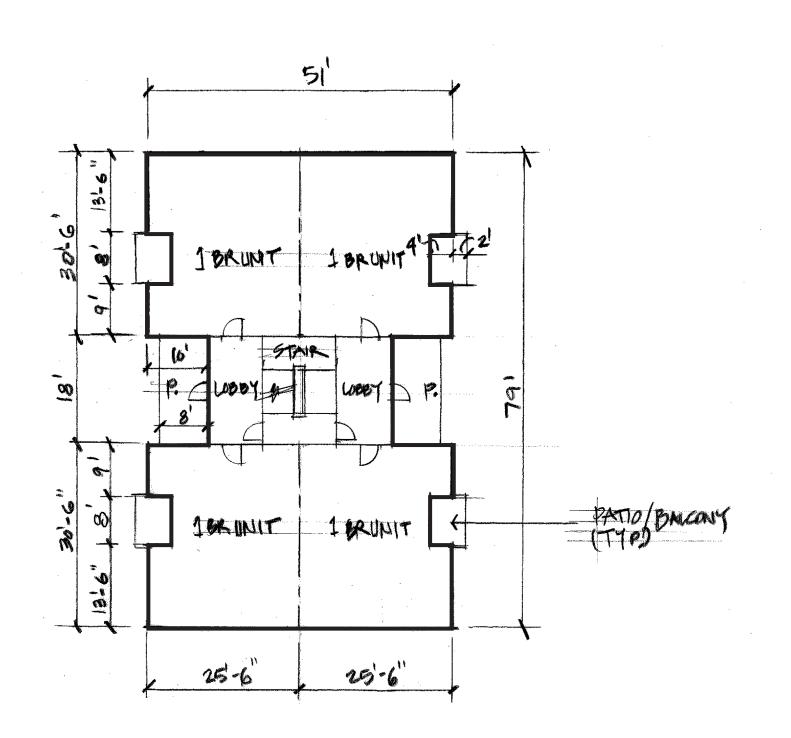
APRIL 24, 2024

SHAFFER & PAPPAS, INC.

PRE-APPLICATION MEETING MAY 2, 2024

> PD MODIF. SUBMISSION MAY 17, 2024

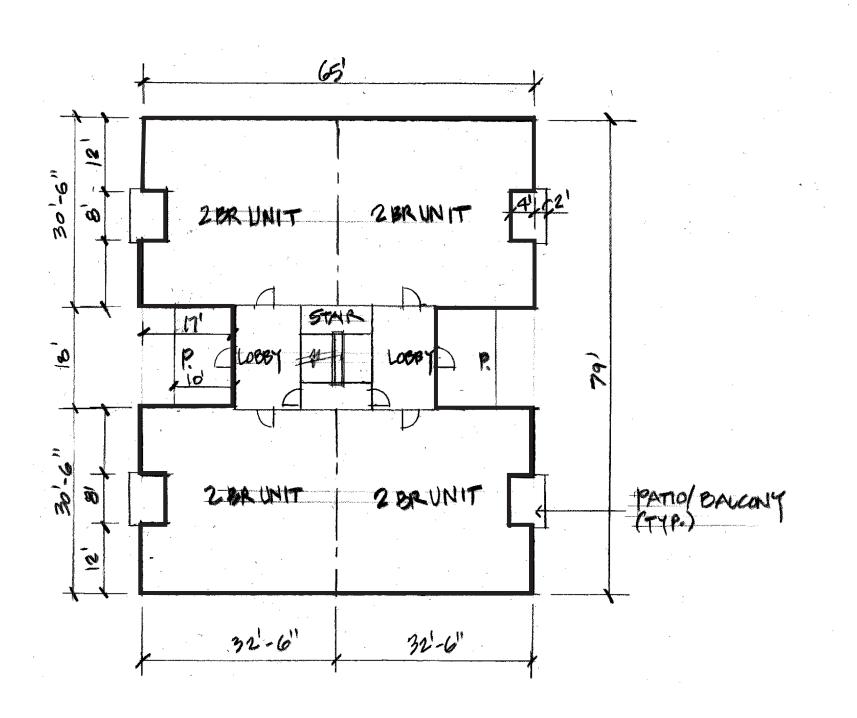
> > A.S.101



1 BR UNIT BUILDING PLAN

1/16" = 1'-0"

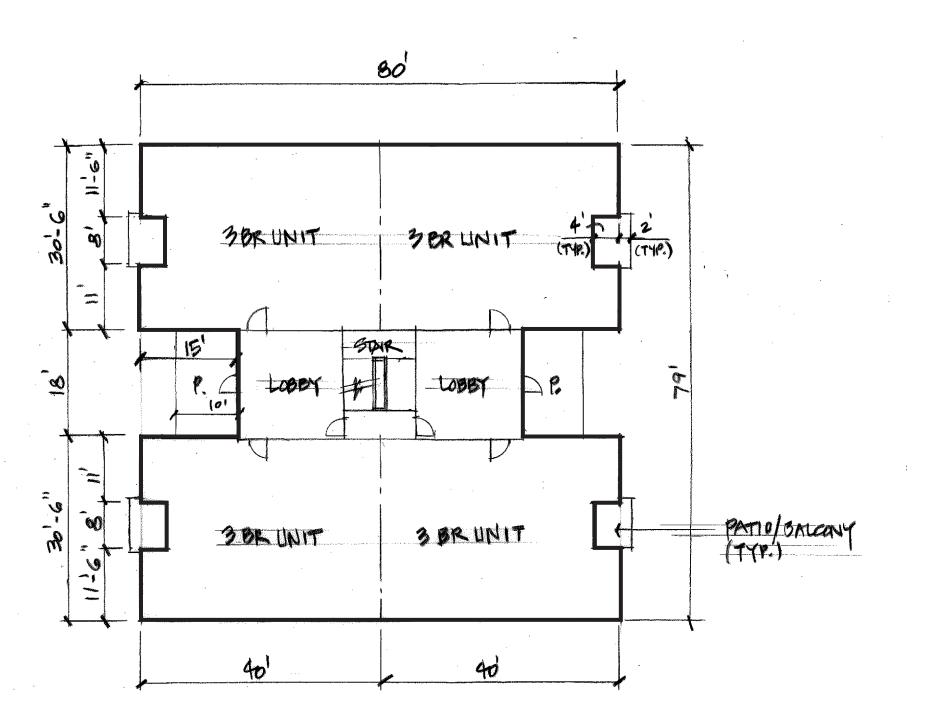
7,082 G.S.F. / BUILDING



2 BR UNIT BUILDING PLAN

1/16" = 1'-0"

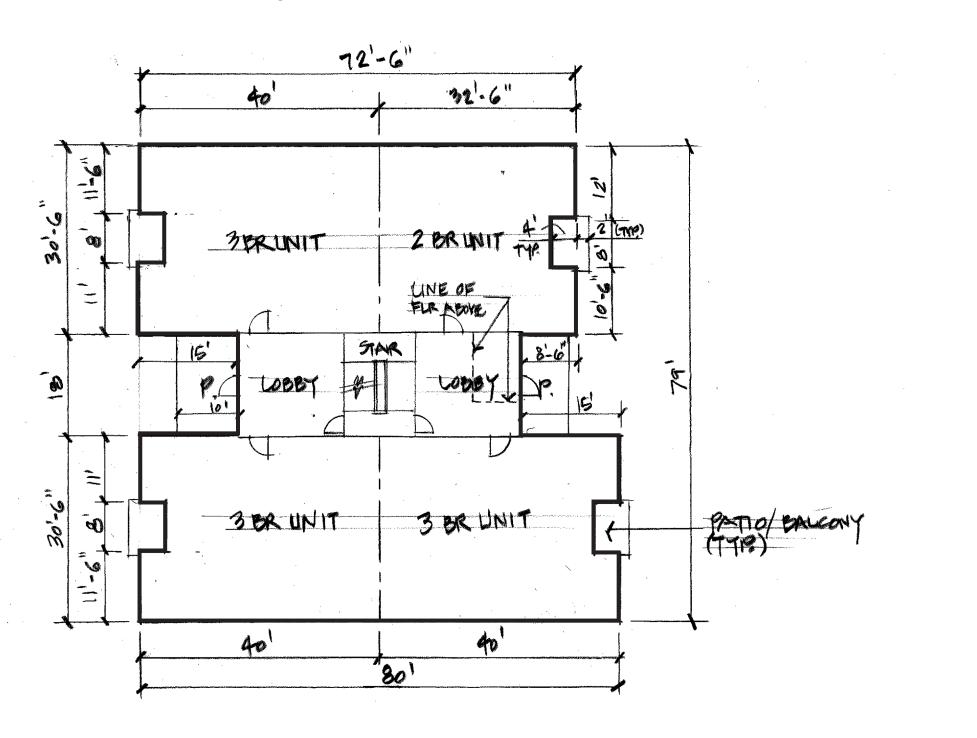
8,790 G.S.F. / BUILDING



3 BR UNIT BUILDING PLAN

1/16" = 1'-0"

11,304 G.S.F. / BUILDING



2 & 3 BR UNIT BUILDING PLAN

1/16" = 1'-0"

10,750 G.S.F. / BUILDING





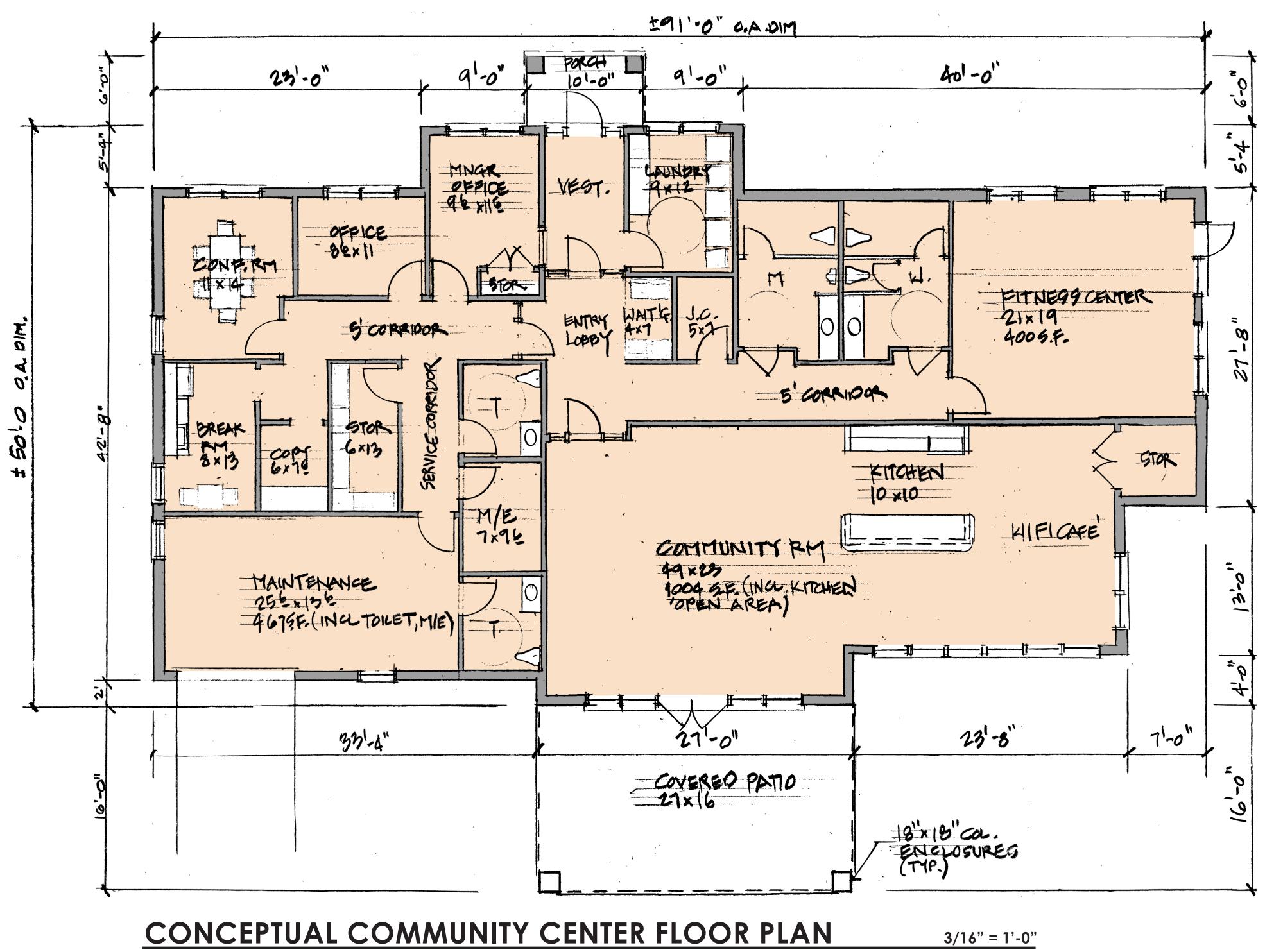
MICHIGAN

COMMUNITY MEETING
APRIL 24, 2024

PRE-APPLICATION MEETING MAY 2, 2024

> PD MODIF. SUBMISSION MAY 17, 2024

A.101



3,915 G.S.F. TOTAL AREA





MICHIGAN COMMUNITY MEETING APRIL 24, 2024

PRE-APPLICATION MEETING MAY 2, 2024

PD MODIF. SUBMISSION MAY 17, 2024









FELLOWSHIP ESTATES FAMILY HOUSING

FSP FUSCO,
SHAFFER &
PAPPAS, INC.
ARCHITECTS AND PLANNERS

MICHIGAN

COMMUNITY MEETING

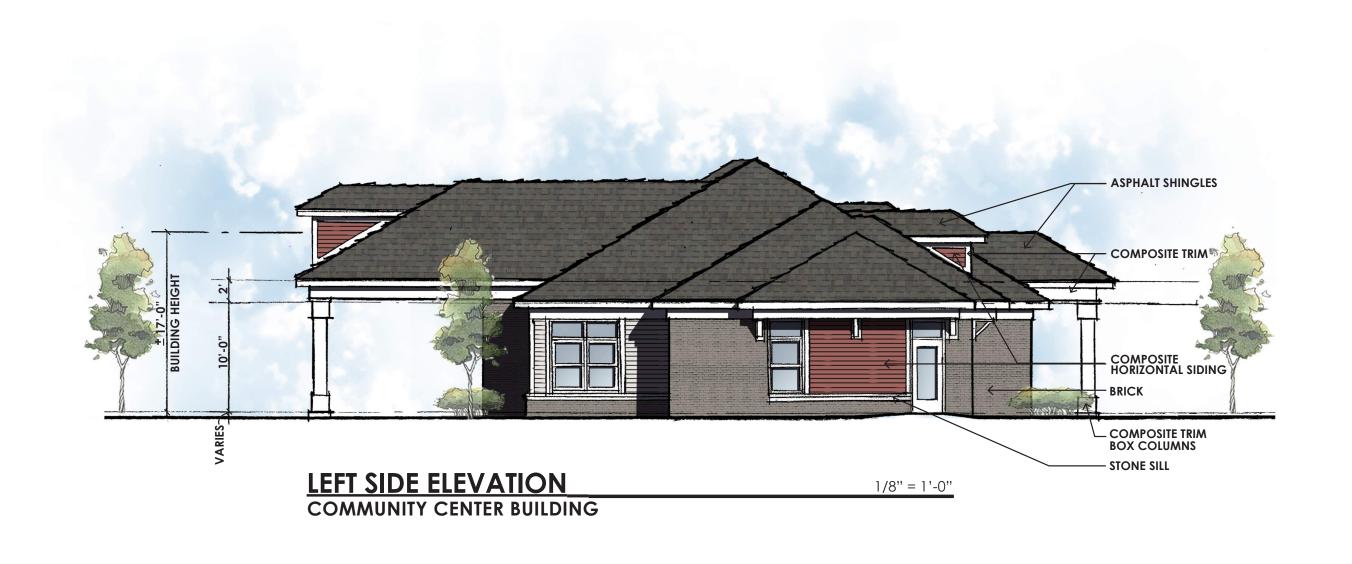
APRIL 24, 2024

PRE-APPLICATION MEETING MAY 2, 2024

> PD MODIF. SUBMISSION MAY 17, 2024

> > A.201









FELLOWSHIP ESTATES FAMILY HOUSING

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ARCHITECTS AND PLANNERS

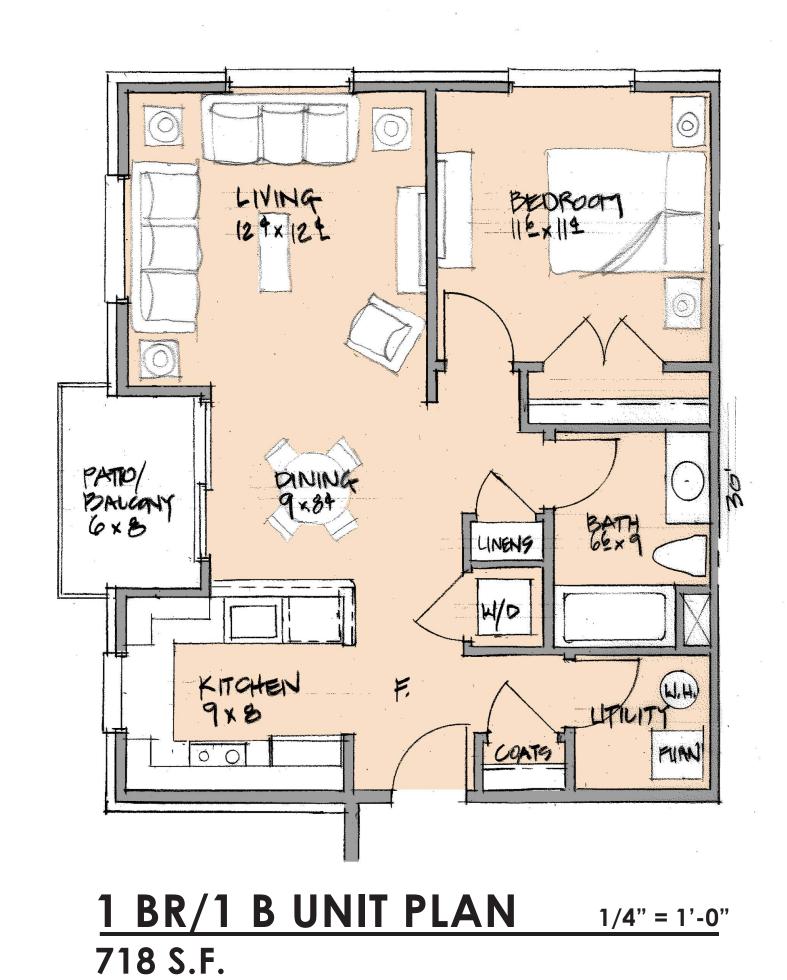
MICHIGAN

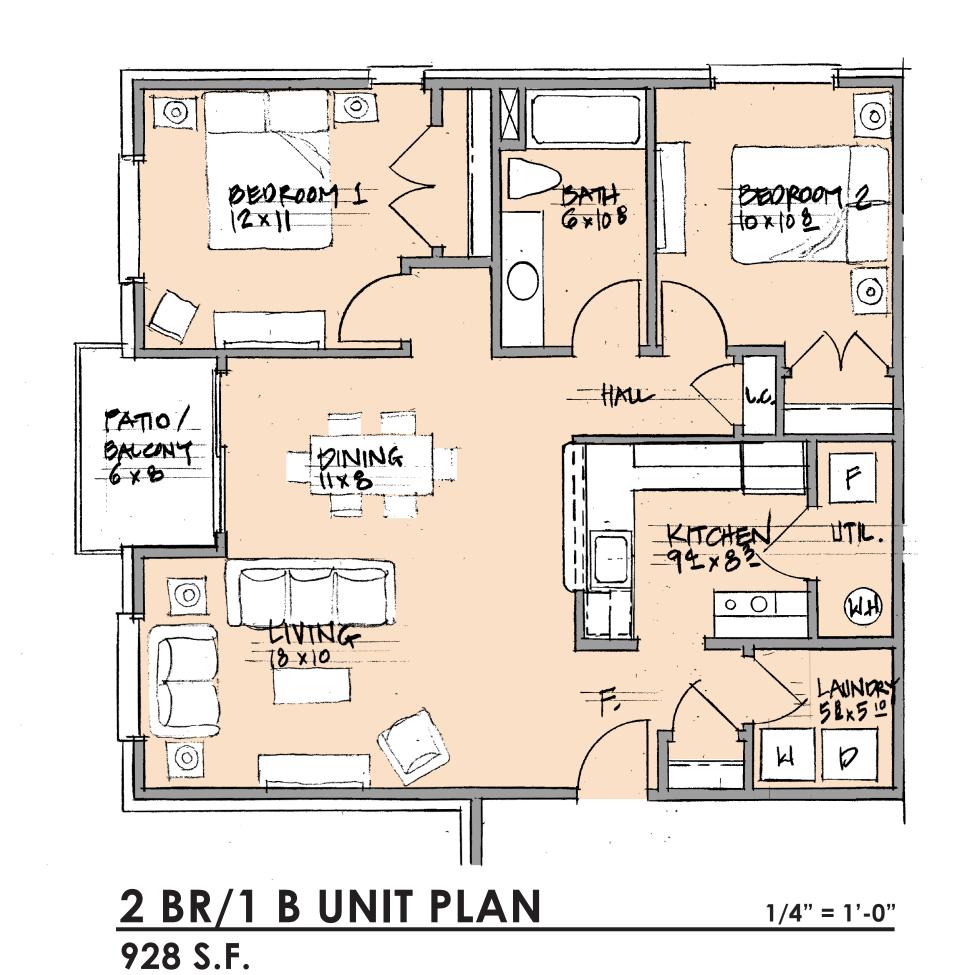
COMMUNITY MEETING

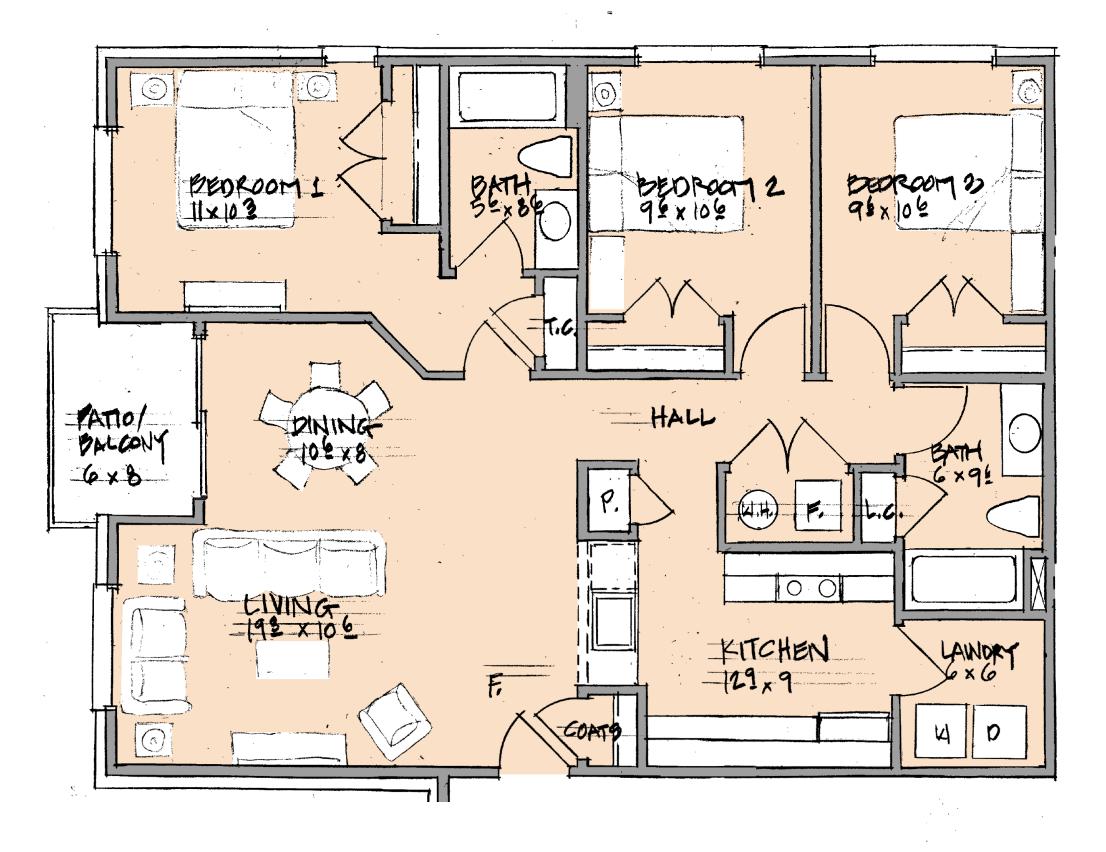
APRIL 24, 2024

PRE-APPLICATION MEETING MAY 2, 2024

> PD MODIF. SUBMISSION MAY 17, 2024













PAPPAS, INC.

ARCHITECTS AND PLANNERS