DEVELOPER/PETITIONER/OWNER: VOLTA DEVELOPMENT, LLC 711 FOUNTAIN ST ANN ARBOR, MI 48103 PHONE: 734-262-0825

ARCHITECT: VOLTA HOMES 711 FOUNTAIN ST ANN ARBOR, MI 48103 PHONE: 734-262-0825

ENGINEER: MACON ENGINEERING, LLC KATHY KEINATH, P.E. P.O. BOX 314 CHELSEA, MICHIGAN 48118 PHONE: 734-216-9941

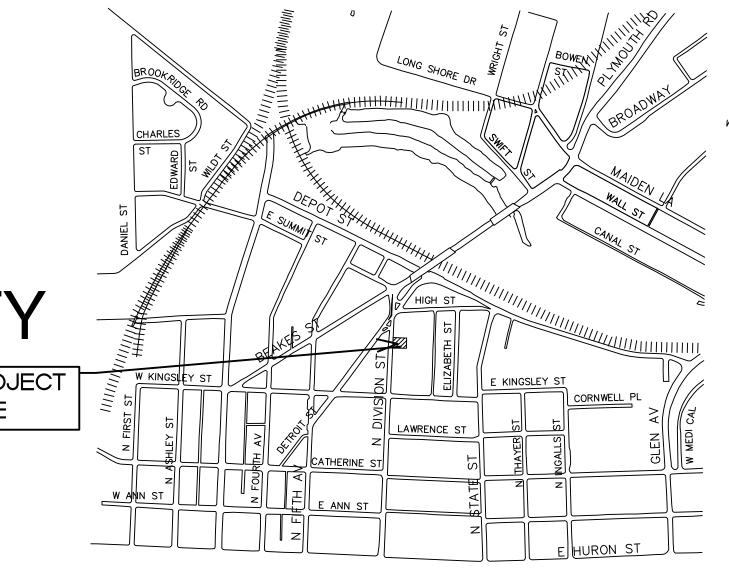
LANDSCAPE ARCHITECT: INSITE DESIGN STUDIO, INC SHANNAN GIBB-RANDALL. RLA 412 LONGSHORE DR ANN, ARBOR, MI 48105 PHONE: 734-995-4194

SURVEYOR: WOLVERINE ENGINEERS & SURVEYORS, INC. DONALD BENDZINSKI, PS 312 NORTH ST MASON, MI 48854 PHONE: 517-676-9200

530 N DIVISION

MULTI-FAMILY RESIDENTIAL CITY OF ANN ARBOR, WASHTENAW COUNTY

PUD SITE PLAN



VICINITY MAP

BUILDING IS CURRENTLY IN MODERATE TO SEVERE STRUCTURAL DISREPAIR. THE OWNER OF THE PROPERTY IS APPLYING FOR A PUD TO CREATE A NEW STRUCTURE WITH GREATER OCCUPANT DENSITY WHILE MAINTAINING 4 UNITS. SIX PARKING SPACES WILL BE PROVIDED ON SITE.

THE DEVELOPMENT HAS PLANNED TO PROVIDE ADEQUATE PARKING, INGRESS AND EGRESS, STORM WATER MANAGEMENT, PEDESTRIAN CONNECTIONS AND ALL OTHER REQUIRED SITE ELEMENTS. THE PROPOSED PROJECT WILL BE SCHEDULED TO BEGIN CONSTRUCTION UPON APPROVAL FROM THE CITY AND COMPLETION IS EXPECTED IN LATE 2024. THE PROJECT WILL BE COMPLETED IN ONE PHASE. CONSTRUCTION COSTS ARE CURRENTLY ESTIMATED AT \$1,800,000.

COMMUNITY ANALYSIS

THE PROPOSED PROJECT IS LOCATED ON THE EAST SIDE OF NORTH DIVISION ST, BETWEEN E KINGSLEY AND HIGH STREETS. THE PROPERTY IS CURRENTLY ZONED R4C. THE PROJECT PROPOSES A PUD ZONING. THE PROPERTIES SURROUNDING THIS SITE TO THE EAST, WEST AND SOUTH ARE ALSO ZONED R4C. THE PROPERTY TO THE EAST IS VACANT AND USED AS A PARKING LOT. THE PROPERTY TO THE NORTH IS ZONED PUD. THE PROPOSED DEVELOPMENT IS NOT ANTICIPATED TO HAVE NEGATIVE IMPACTS ON PUBLIC SCHOOLS, AIR OR WATER QUALITY. THERE ARE NO HISTORIC FEATURES ON THE PROPERTY. THE PROPOSED DEVELOPMENT WILL REMAIN AS A RESIDENTIAL USE AND WILL BE CONSISTENT WITH OTHER PROPERTIES IN THE NEIGHBORHOOD. THE PROJECT WILL BE HARMONIOUS WITH THE SURROUNDING PROPERTIES IN THE NEIGHBORHOOD.

GENERAL DESCRIPTION OF NATURAL FEATURES

THERE ARE NO FLOODPLAINS, WOODLAND, WETLANDS, WATERCOURSES, STEEP SLOPES OR ENDANGERED SPECIES HABITAT ON THE SITE. THERE ARE NO LANDMARK TREES LOCATED ON THE PROPERTY. THERE ARE THREE LANDMARK TREES SURROUNDING THE PROPERTY. TWO ARE LOCATED ON THE ADJACENT PROPERTY TO THE NORTH AND ONE IS LOCATED IN THE CITY RIGHT-OF-WAY.

NATURAL FEATURES STATEMENT OF IMPACT

THERE ARE NO NATURAL FEATURES LOCATED ON THE SITE. THE EXISTING GRADES WILL BE MAINTAINED TO THE EXTENT POSSIBLE TO REDUCE ANY POSSIBLE IMPACTS TO TREES ON ADJACENT PROPERTIES AND IN THE RIGHT-OF-WAY.

SOIL TYPES

THE SOILS ON THE SITE ARE FOX SERIES FOB. THE SOILS ARE CLASSIFIED AS HYDRAULIC SOILS GROUP B. INFILTRATION TESTING WAS PERFORMED ON THE SITE. THE LOCATION OF THE UNDERGROUND INFILTRATION SYSTEM WILL BE LOCATED IN AN AREA WITH AN INFILTRATION RATE OF 33 IN/HR.

SOLID WASTE DISPOSAL PLAN

THE DEVELOPMENT PROPOSES TO PROVIDE TWO (2) 96 GAL TRASH AND ONE (1) 96 GAL RECYCLING CONTAINERS STORED IN A SCREENED AREA AT THE REAR OF THE BUILDING. ONE CONTAINER FOR COMPOST IS PROVIDED. CONTAINERS WILL BE WHEELED CURBSIDE ON COLLECTION DAYS FOR PICK UP.

CODE-MINIMUM CONSTRUCTION BY RE-DESIGNING THE BUILDING TO BE MODULAR CONSTRUCTION - BUILT IN A FACTORY UNDER CLIMATE-CONTROLLED CONDITIONS AND SHIPPED AND ASSEMBLED ON-SITE. THIS PROJECT WILL BE THE FIRST LIVING BUILDING CHALLENGE MODULAR BUILDING IN THE WORLD THAT IS LOWER THAN 16 STORIES.

TRAFFIC IMPACT ANALYSIS

VEHICULAR, PEDESTRIAN AND BICYCLE ROUTES ARE SHOWN ON THE PLANS. NO TRUCK TRAFFIC TO THE SITE IS ANTICIPATED. THE EXISTING DRIVE APPROACH IS PROPOSED REMAIN AS A SHARED DRIVEWAY WITH THE ADJACENT PROPERTY TO THE SOUTH. THE SITE IS EXPECTED TO HAVE LESS THAN 1 TRIP PER UNIT PER HOUR AND LESS THAN 32 TRIPS PER PEAK HOUR. NO TRAFFIC STUDY IS REQUIRED.

| SITE TRIP GENERATION | | | | | | | | | |
|--|----------|--------|-------|----|-----|-------|-----|-----|-------|
| AM Peak Hour PM Peak Hour | | | | | | | ur | | |
| Land Use | ITE Code | Amount | Units | ln | Out | Total | ln | Out | Total |
| Residential Units 230 4 DU | | | | | 2.0 | 2.4 | 1.8 | 0.9 | 2.7 |
| Trip Rates taken from ITE Trip Generation manual, 10th Edition | | | | | | | | | |

LEGAL DESCRIPTION

TAX ID 09-09-29-102-006

LOT 10, BLOCK 24 ORMSBY AND PAGES ADDITION TO THE CITY OF ANN ARBOR, AS RECORDED IN LIBER M OF DEEDS, PAGE 191, WAHTENAW COUNTY RECORDS EXCEPT THE WESTERLY 33 FEET AS SOLD TO THE CITY OF ANN ARBOR BY DEED RECORDED IN LIBER 124, PAGE 107, WASHTENAW COUNTY RECORDS.

STANDARD SIDEWALK REPAIR AND MAINTENANCE NOTE

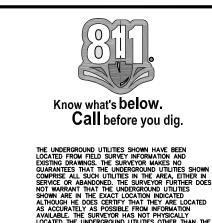
ALL SIDEWALKS ARE TO BE KEPT AND MAINTAINED IN GOOD REPAIR BY THE OWNER OF THE LAND ADJACENT TO AND ABUTTING THE SAME. PRIOR TO THE ISSUANCE OF THE FINAL CERTIFICATE OF OCCUPANCY FOR THIS SITE, ALL EXISTING SIDEWALKS IN NEED OF REPAIR MUST BE REPAIRED IN ACCORDANCE WITH CITY STANDARDS.

COMPARISON CHART

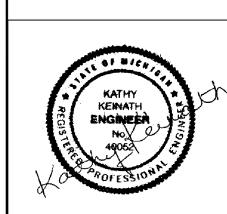
| | EXISTING | | PROPOSED | | REQUIRED/ALLOWED |
|----------------------------|-----------------|----|-----------------|----|--|
| Zoning District | R4C | | PUD | | R4C |
| Lot Area | 8,492 | sf | 8,492 | sf | sf |
| Lot Width | 66.00 | ft | 66.00 | ft | 60 |
| Residential Dwelling Units | 4 | | 4 | | N/A |
| Max Density (units/acre) | 20.52 | | 20.52 | | 20 max |
| Lot Area per Unit | 2123 | sf | 2123 | sf | 2175 sf |
| Total Floor Area | 3,333 | sf | 7,956 | sf | |
| Front Setback | 13.84 | ft | 11.06 | ft | 25 ft min |
| Side Setback | 1.36 | ft | 3.73 | ft | 12 ft + 1.5" per ft bldg length >50 ft = 14.40 |
| Rear Setback | 61.00 | ft | 40.21 | ft | 30 ft |
| Building Height | 26.50 | ft | 29.79 | ft | 30 ft |
| Active Open Space | 347 | sf | 307 | sf | 300 sf per unit |
| Open Space | 37% | | 27% | | Min 40% |
| Bicycle Parking | 0 | | 4C/12B | | 1 per 5 units None Required |
| Vehicular Parking | 10 | | 6 | | 1.5 per Unit 6 Required |
| EV-C Vehicular Parking | 0 | | 0 | | 65% of Dwelling Units 2.6 Required |
| EV-R Vehicular Parking | 0 | | 4 | | 25% of Dwelling Units 1 Required |
| EV-I Vehicular Parking | 0 | | 2 | | 10% of Dwelling Units 0.4 Required |

SHEET INDEX

| SP-01 | COVER | A100 | BASEMENT FLOOR PLAN |
|-------|-----------------------------|------|-----------------------------------|
| SP-02 | ALTA SURVEY | A101 | FIRST FLOOR PLAN |
| SP-03 | DEMOLITION PLAN | A102 | SECOND FLOOR PLAN |
| SP-04 | LAYOUT PLAN | A103 | THIRD FLOOR PLAN |
| SP-05 | NATURAL FEATURES | A104 | ROOF PLAN |
| SP-06 | LANDSCAPE | A105 | 3D AXO VIEWS OF MODULES |
| SP-07 | UTILITIES PLAN | A201 | NORTH AND EAST ELEVATIONS |
| SP-08 | GRADING | A202 | SOUTH AND WEST ELEVATIONS |
| SP-09 | STORM WATER MANAGEMENT/SOIL | A203 | EXISTING AND PROPOSED STREETSCAPE |
| | EROSION CONTROL | A204 | SITE AND BUILDING CROSS SECTIONS |
| SP-10 | SITE DETAILS | A710 | STREET VIEWS |
| | | A711 | AERIAL VIEWS |



DIVISION ARBOR, MI SITE PLAN COVER

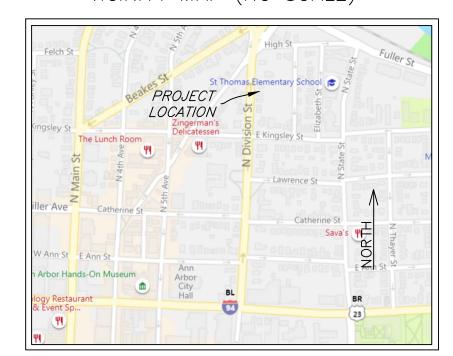


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| | |
| | 9-14-22 |
| | 5-25-22 |
| DATE | 1-26-22 |
| DATE | 1-15-22 |
| SCALE | N.T.S. |
| SHEET NO. | SP-01 |

BENCHMARKS:

- #1 ANCHOR BOLT NW SIDE LIGHT POLE, ON EAST SIDE OF ALLEY-23.4'± EAST OF EAST EDGE PARKING LOT-3' WEST OF SW CORNER OF GARAGE EL.=834.39(NAVD88)
- #2 RR SPIKE ON NORTH SIDE POWER POLE 12'± NORTH OF DRIVE TO 530 N. DIVISION EL.=822.51(NAVD88)

VICINITY MAP (NO SCALE)



<u>SCHEDULE A — LEGAL DESCRIPTION:</u>

AS STATED IN THE COMMITMENT FOR TITLE INSURANCE, ABSOLUTE TITLE, INC. FILE NO.:87253 (EFFECTIVE DATE NOVEMBER 18, 2019):

Lot 10, Block 24, Ormsby and Page's Addition to the City of Ann Arbor, as recorded in Liber M of Deeds, Page 191, Washtenaw County Records, except the Westerly 33 feet as sold to the City of Ann Arbor by deed recorded in Liber 124, Page 107, Washtenaw County Records.

<u>SCHEDULE B — SECTION II EXCEPTIONS:</u>

ITEM 1. STANDARD EXCEPTIONS SET FORTH ON THE INSIDE BACK COVER. THESE ARE NOT

ITEM 2. DEFECTS, LIENS, ENCUMBRANCES, ADVERSE CLAIMS OR OTHER MATTER, IF ANY, CREATED, FIRST APPEARING IN THE PUBLIC RECORDS OR ATTACHING SUBSEQUENT TO THE EFFECTIVE DATE HEREOF BUT PRIOR TO THE DATE THE PROPOSED INSURED ACQUIRES FOR VALUE OF RECORD THE ESTATE OR INTEREST OR MORTGAGE THEREON COVERED BY THIS COMMITMENT. THIS IS NOT A SURVEY MATTER.

ITEM 3. LIENS FOR ANY TAX AND/OR ASSESSMENT WHICH BECOME DUE AN PAYABLE ON OR AFTER THE EFFECTIVE DATE OF THIS COMMITMENT. THIS IS NOT A SURVEY MATTER. ITEM 4. RIGHTS OF TENANTS IN POSSESSION. THIS IS NOT A SURVEY MATTER.

STRUCTURE CHART

| STRUCTURE CHART |
|--------------------------|
| CB #538 |
| Rim=819.15 |
| Inv. West - 12" - 815.45 |
| |
| CB #553 |
| Rim=823.62 |
| Inv. West - 12" - 819.72 |
| |
| Storm MH #716 |
| Rim=823.87 |
| Inv. East - 12" - 819.22 |
| Inv South 15" 919 42 |

|Inv. South - 15" - 818.42 Inv. West - 12" - 819.02 Inv. North - 15" - 818.37

|Storm MH #718 |Rim=819.25 Inv. South - 15" - 714.15 Inv. East - 12" - 815.45 Inv. North - 18" - 814.15

Sanitary MH#717 Rim=823.66 Inv. North - 10" - 813.51 Inv. South - 10" - 813.61 Top/Pipe - 8"-E-W - 818.56

Rim=807.96 Inv. SW - 8" - 803.61

Inv. South - 10" - 803.41 Inv. NE - 10" - 803.41

CERTIFICATION:

TO CEDAR RIVER PROPERTIES, LLC, MEADOWLARK BUILDERS, LLC, ABSOLUTE TITLE, INC.: THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(A), 6(B), 7(A), 7(b)(1), 7(b)(2), 7(c), 8, 9, 10(a), 10(b), 11, 12, 13, 14, 15, 16, 17, 18, & 19 OF TABLE A THEREOF. THE FIELDWORK WAS COMPLETE ON

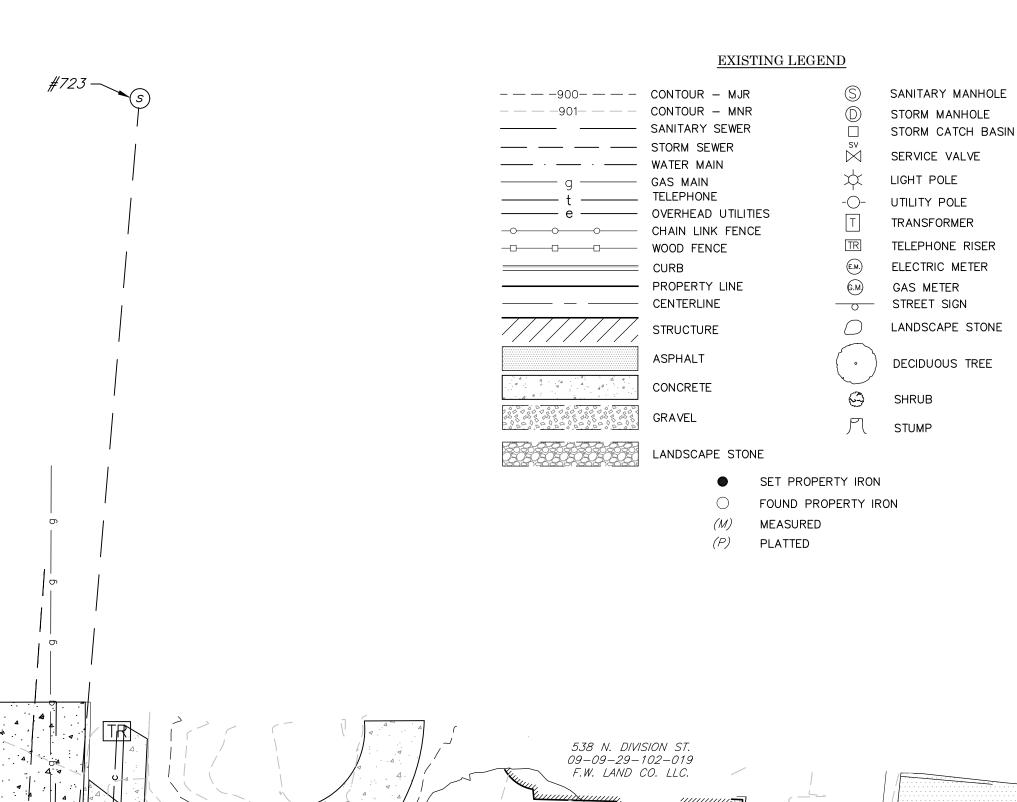
DATE OF PLAT OR MAP: 02/03/2020

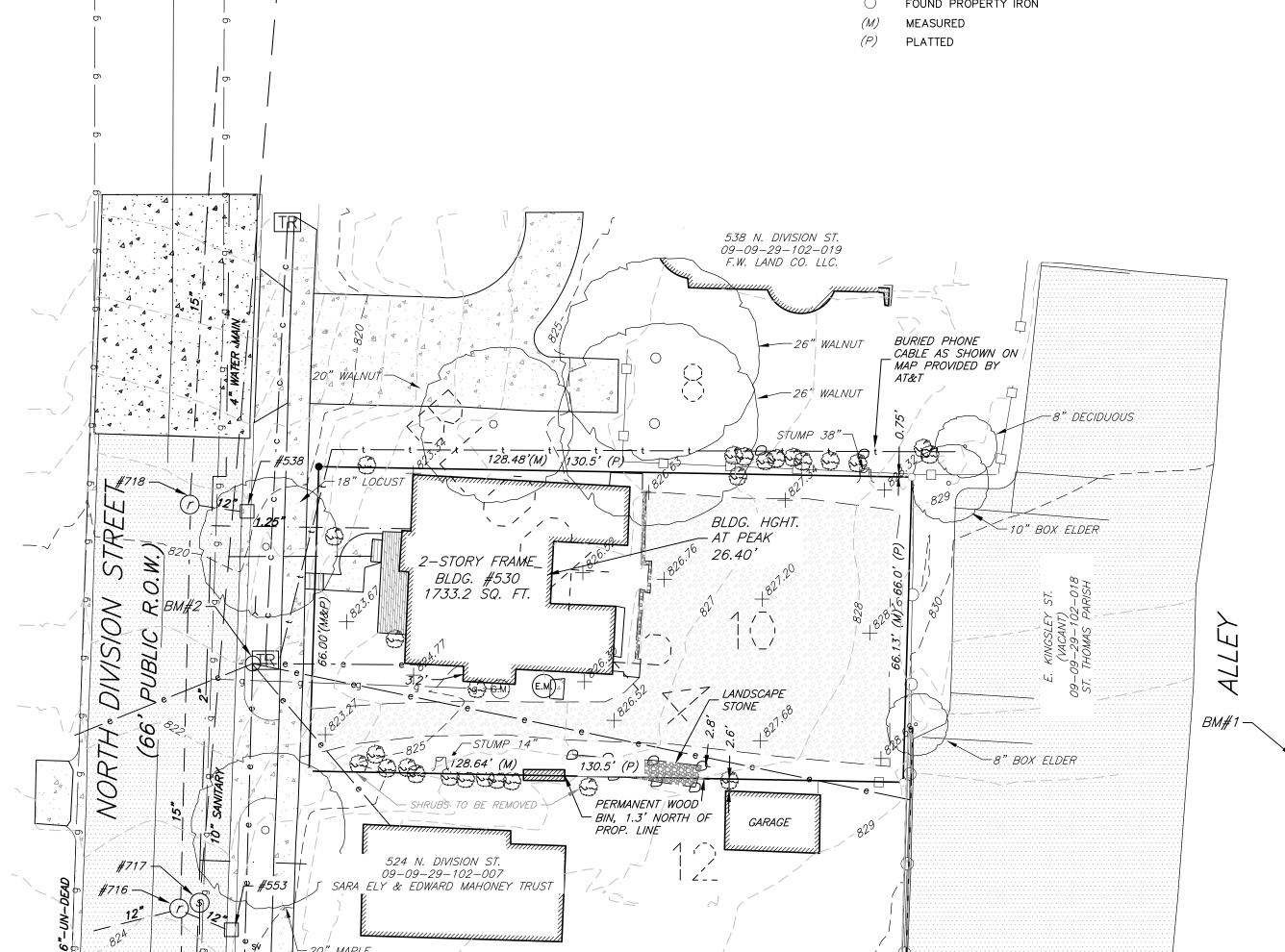
DONALD J. BENDZINSKI, P.S.



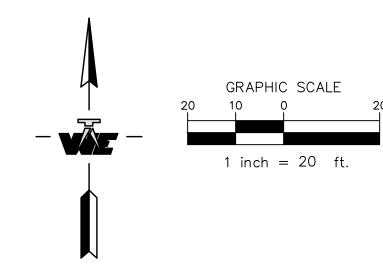
ALTA / NSPS LAND TITLE SURVEY

530 N. DIVISION STREET SECTION 29, T2S, R6E CITY OF ANN ARBOR, WASHTENAW COUNTY, MICHIGAN



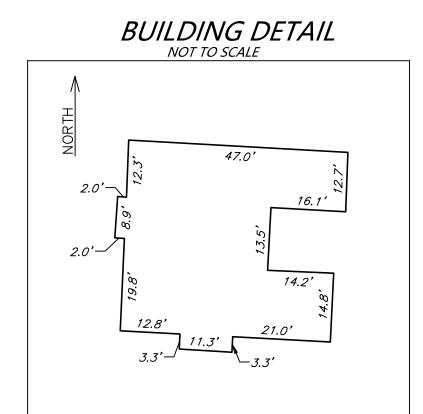






OPTIONAL TABLE A ITEMS:

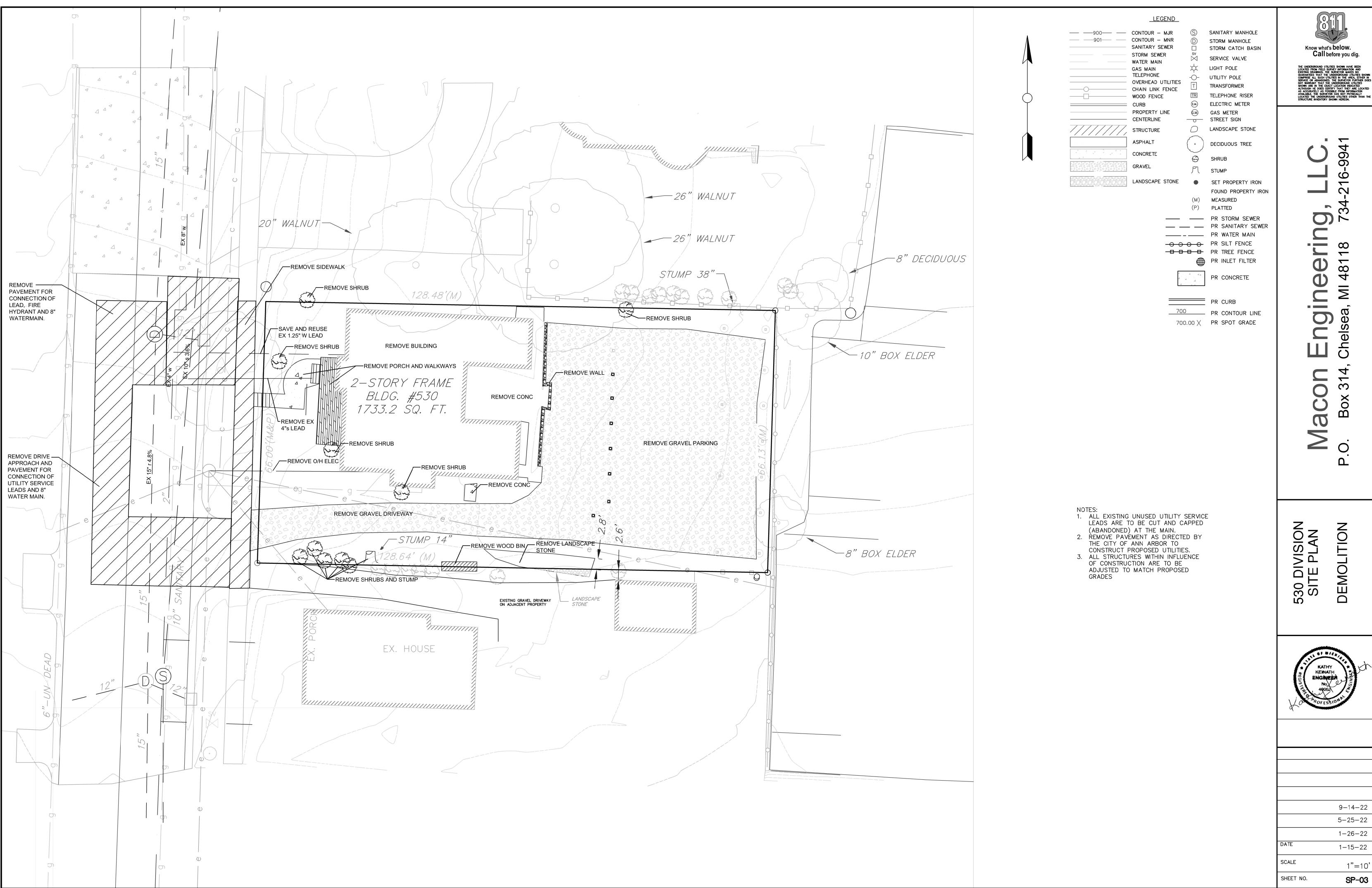
- OPTIONAL TABLE A ITEM 1: MONUMENTS AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE SUBJEC PROPERTY HAVE BEEN SET OR FOUND AND ARE SHOWN HEREON.
- OPTIONAL TABLE A ITEM 2: ADDRESSES OBSERVED WHILE CONDUCTING THE FIELD SURVEY ARE SHOWI
- OPTIONAL TABLE A ITEM 3: THE SUBJECT PARCEL IS MAPPED WITHIN A FEMA MAPPED SPECIAL FLOOD
- OPTIONAL TABLE A ITEM 4: THE GROSS LAND AREA OF THE SUBJECT PARCEL(S) IS 0.19 ACRES.
- OPTIONAL TABLE A ITEM 5: VERTICAL RELIEF OF THE SUBJECT PARCEL IS SHOWN HEREON AT 1 FOOT CONTOUR INTERVALS AND IS BASED ON THE VERTICAL DATUM OF NAVD88.
- OPTIONAL TABLE A ITEM 6(a): NO ZONING/PARCEL REPORT WAS PROVIDED TO THIS OFFICE.
- OPTIONAL TABLE A ITEM 6(b): NO ZONING/PARCEL REPORT WAS PROVIDED TO THIS OFFICE.
- OPTIONAL TABLE A ITEM 7(a): THE EXTERIOR DIMENSIONS, AT GROUND LEVEL, OF ALL BUILDINGS OBSERVED DURING THE COURSE OF THE FIELD SURVEY, CONTAINED WITHIN THE SUBJECT PARCEL, ARE SHOWN
- OPTIONAL TABLE A ITEM 7(b)(1): THE SQUARE FOOTAGE OF THE EXTERIOR DIMENSIONS, AT GROUND LEVEL, OF ALL BUILDINGS OBSERVED DURING THE COURSE OF THE FIELD SURVEY, CONTAINED WITHIN THE SUBJECT PARCEL, ARE SHOWN HEREON.
- OPTIONAL TABLE A ITEM 7(b)(2): THE SQUARE FOOTAGE OF AREAS SPECIFIED BY THE CLIENT OF ALL BUILDING OBSERVED DURING THE COURSE OF THE FIELD SURVEY, CONTAINED WITHIN THE SUBJECT PARCEL,
- OPTIONAL TABLE A ITEM 7(c): THE MEASURED HEIGHT ABOVE GRADE OF THE BUILDING OBSERVED DURING THE COURSE OF THE FIELD SURVEY, CONTAINED WITHIN THE SUBJECT PARCEL IS 26.40 FEET AT THE BUILDING PEAK, AND IS SHOWN HEREON.
- OPTIONAL TABLE A ITEM 8: SUBSTANTIAL FEATURES OBSERVED DURING THE COURSE OF THE FIELD SURVEY ARE SHOWN HEREON.
- OPTIONAL TABLE A ITEM 9: NO CLEARLY IDENTIFIABLE PARKING SPACES WERE OBSERVED DURING THE COURSE OF THE FIELD SURVEY.
- OPTIONAL TABLE A ITEM 10(a): NO DIVISION OR PARTY WALLS WERE OBSERVED DURING THE COURSE OF
- OPTIONAL TABLE A ITEM 10(b): NO DIVISION OR PARTY WALLS WERE OBSERVED DURING THE COURSE OF
- OPTIONAL TABLE A ITEM 11: LOCATIONS OF UNDERGROUND UTILITIES SHOWN HEREON ARE MAPPED BASED ON THE METHODS OUTLINE BY ALTA/NSPS OPTIONAL TABLE A ITEM 11. PLAN SOURCE INFORMATION AS AT&T- BURIED TELEPHONE CABLE IS AS SHOWN AND LABELED ON DRAWING PER SUPPLIED SIGMA TECHNOLOGIES-MAP SHOWS NO U.G. CABLE LINES UPON SUBJECT PARCEL WINDSTREAM-SHOW SUBJECT PARCEL CLEAR OF CABLE LINES.
- OPTIONAL TABLE A ITEM 12: GOVERNMENT AGENCY SURVEY-RELATED REQUIREMENTS IS NOT APPLICABLE TO
- OPTIONAL TABLE A ITEM 13: NAMES OF ADJOINING OWNERS ACCORDING TO CURRENT TAX RECORDS PER WASHTENAW COUNTY EQUALIZATION (OBTAINED JANUARY 27, 2020) AND ARE SHOWN HEREON.
- OPTIONAL TABLE A ITEM 14: THE DISTANCE TO THE INTERSECTION OF N. DIVISION ST. AND E. KINGSLEY ST.
- OPTIONAL TABLE A ITEM 15: ALL INFORMATION SHOWN HEREON IS FROM FIELD MEASUREMENT WITH EXCEPTION OF THE NOTED UTILITIES FROM ITEM 11.
- OPTIONAL TABLE A ITEM 16: NO EVIDENCE OF RECENT EARTH MOVING WORK, BUILDING CONSTRUCTION, OR BUILDING ADDITIONS WERE OBSERVED IN THE PROCESS OF CONDUCTING THE FIELD SURVEY.
- OPTIONAL TABLE A ITEM 17: THERE ARE CURRENTLY NO PROPOSED CHANGES OR NO INFORMATION MADE AVAILABLE TO THIS OFFICE REGARDING THE ROAD RIGHT-OF-WAY LINES FOR NORTH DIVISION ROAD PER CONVERSATION WITH DEBORAH GOSSELIN, SYSTEMS PLANNING ENGINEER (JANUARY 31, 2020). NO EVIDENCE OF RECENT ROAD OR SIDEWALK CONSTRUCTION OR REPAIRS OBSERVED IN THE PROCESS OF CONDUCTING
- OPTIONAL TABLE A ITEM 18: NO WETLAND FLAG MARKERS WERE OBSERVED ON THE SUBJECT PARCEL(S) IN THE PROCESS OF CONDUCTING THE FIELD SURVEY.
- OPTIONAL TABLE A ITEM 19: PLOTTABLE OFFSITE APPURTENANT EASEMENT OR SERVITUDE (DISCLOSED IN SCHEDULE B, SECTION II OF THE TITLE COMMITMENT LISTED HEREON) ARE SHOWN HEREON.



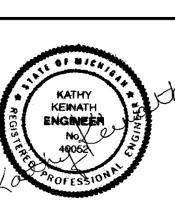
| GRAPHIC SCALE 20 10 0 20 1 inch = 20 ft. | ENGINEERS AND SURVEYORS, INC. ALL DRAWINGS A INSTITUTE THE ORIGINAL AND UNPUBLISHED WORK OF AND THE SAME MAY NOT BE DUPLICATED, DISTRIBU. IN CONSENT OF WOLVERINE ENGINEERS AND SURVEY | DESCRIPTION | REVISIONS AS REQUESTED | REVISIONS TO UTILITIES | |
|--|--|-------------|------------------------|------------------------|---|
| PTIONAL TABLE A ITEMS: | © 2018 WOLVERINE ENGINEERS APPEARING HEREIN CONSTITUTE AND SURVEYORS, INC. AND THE WITHOUT PRIOR WRITTEN CONSEN | DRAWN | LDR | LDR | |
| OPTIONAL TABLE A ITEM 1: MONUMENTS AT ALL MAJOR CORNERS OF THE BOUNDARY OF THE SUBJECT PROPERTY HAVE BEEN SET OR FOUND AND ARE SHOWN HEREON. | | DATE | 02/12/20 | 1/19/2022 | |
| OPTIONAL TABLE A ITEM 2: ADDRESSES OBSERVED WHILE CONDUCTING THE FIELD SURVEY ARE SHOWN HEREON. | COPYRIGHT MATERIALS ENGINEERS DISCLOSED | NOI | | 01 | + |
| OPTIONAL TABLE A ITEM 3: THE SUBJECT PARCEL IS MAPPED WITHIN A FEMA MAPPED SPECIAL FLOOD HAZARD AREA MINIMAL FLOOD HAZARD ZONE "X" (MAP 26161C0261E EFFECTIVE DATE 04/03/2012). | 3200 | REVISION | - | 2 | |

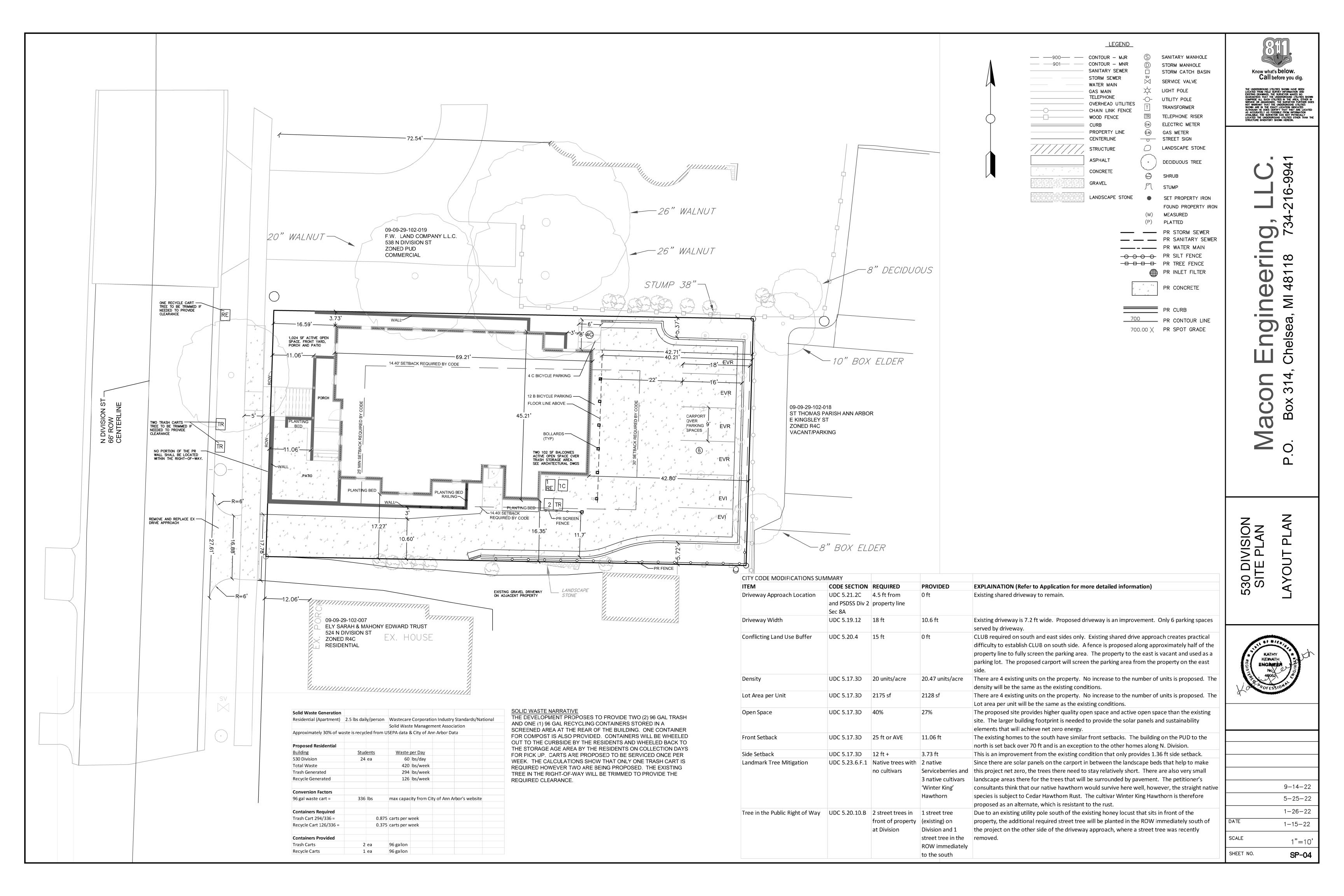
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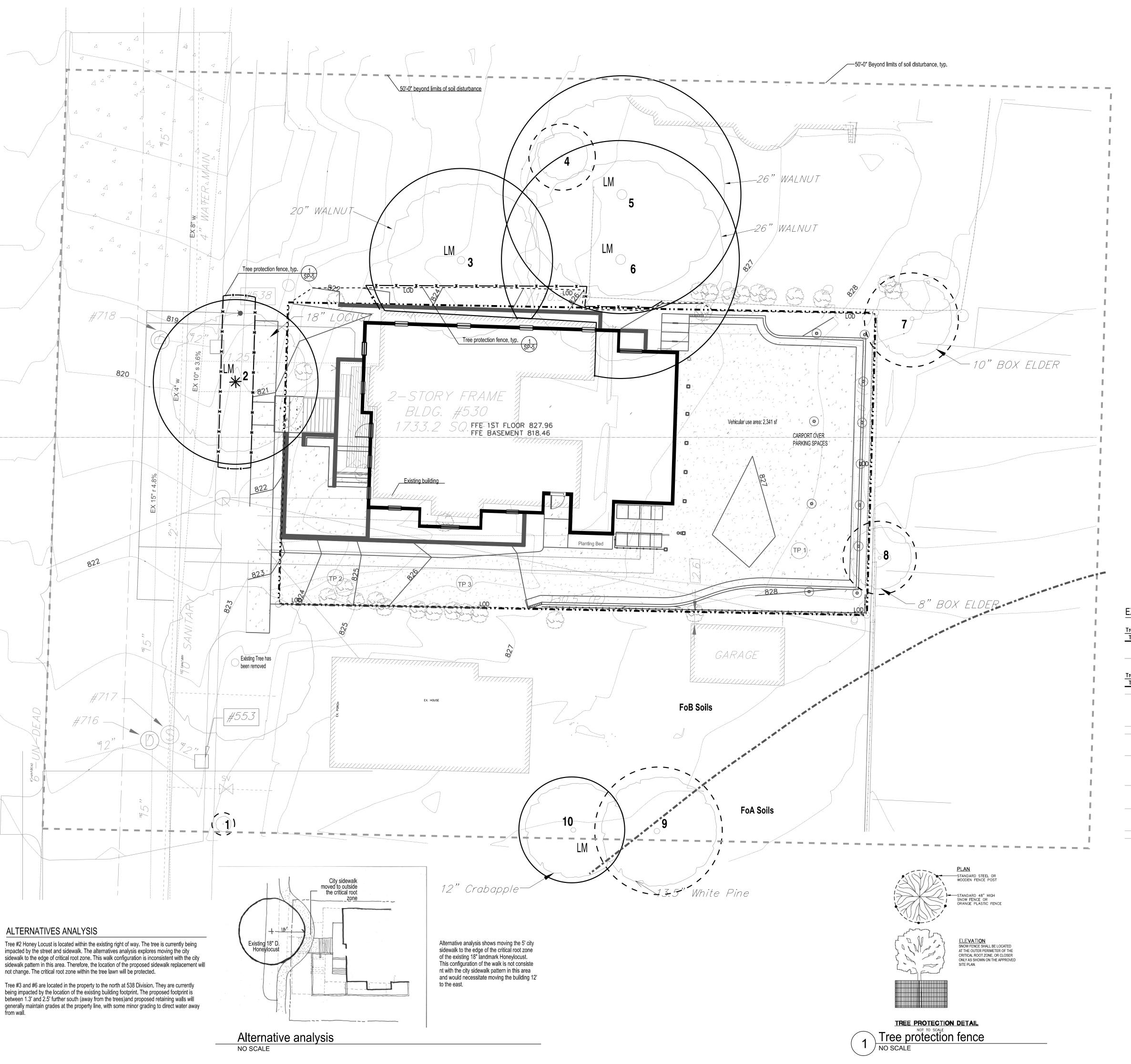
20-0323 02/03/2020

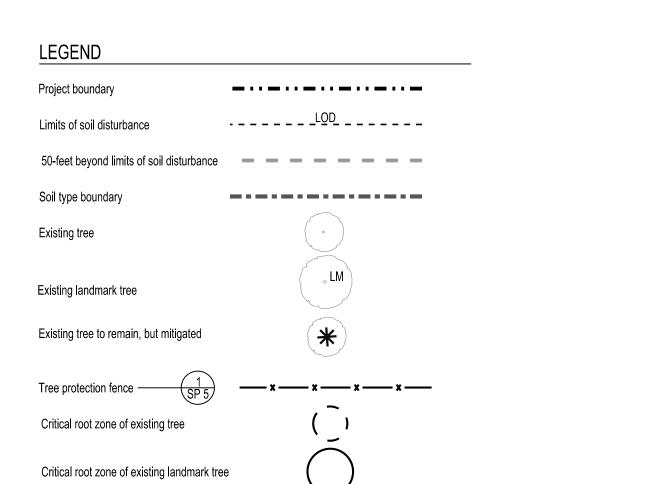


Know what's **below.**Call before you dig.









NATURAL FEATURES

Natural Features on site and within fifty (50) feet beyond:

There are no endangered species habitat on site. The site does not include any 100 year flood plain.

NOTE: Refer to civil plans for elements not listed above.

There is one (1) landmark tree within the property boundary and four(4) landmark trees within fifty (50) feet of the limits of disturbance, as indicated on the Natural Features Plan and the

Existing Tree Inventory. There are no steep slopes on the site. There are no existing watercourses on site. There are no wetlands on site There are no woodlands on site

According to the NRCS soil survey, the soils on site include: FoB - Fpx Sandy Loam, 2 to 6 percent slopes

According to the NRCS soil survey, the soils off site include: FoA - Fpx Sandy Loam, 0 to 2 percent slopes

MITIGATION SUMMARY

Mitigation is required for disturbance to the critical root zone of one landmark tree- a 18" DBH Honey Locust.

All mitigation for landmark tree removal shall be in the form of tree replacement on the site. Refer to sheet SP-6 for the location and species of proposed mitigation plantings.

| Summary Table | Number of Trees | Number of Diameter Inches |
|---|-----------------|---------------------------|
| Landmark trees removed | 0 | 0 |
| Landmark trees to remain but mitigated as removals* | 1 | 18 |
| Landmark trees preserved | see above | see above |
| TOTAL number of trees mitigated as removals | 1 | 18 |
| TOTAL mitigation required | | 18" x 50% = 9" |

EXISTING TREE INVENTORY

| Trees on | Site | | | | | | | |
|----------|-----------|--------------|-----------------------|-------|----------|---------|------------|---------------------------------------|
| Tree # | DBH (in.) | Common Name | Scientific Name | Score | Landmark | Removal | Mitigation | Notes |
| 2 | 18 | Honey Locust | Gleditsia triacanthos | 58 | LM | | Х | Tree to remain, but will be mitigated |

| ree # | DBH (in.) | Common Name | Scientific Name | | Landmark | Removal | Mitigation | Notes |
|-------|-----------|--------------|------------------|----|----------|---------|------------|---|
| 1 | 2.5" | Serviceberry | Amelanchier spp. | | | | | |
| 3 | 20" | Black Walnut | Juglans nigra | 44 | LM | | | two or more major limbs broken, missing unbalanced and lacking a full crown; roc flare buried; significant roots may have been cut |
| 4 | 7" | Red Oak | Quercus rubra | | | | | |
| 5 | 26" | Black Walnut | Juglans nigra | 46 | LM | | | unbalanced; two codominate leaders at tight angle; possible fill against trunk and over roots |
| 6 | 26" | Black Walnut | Juglans nigra | 45 | LM | | | two or more major limbs broken, missing unbalanced and lacking a full crown; previous branch failures; construction fi over roots |
| 7 | 10" | Acer negundo | Box Elder | | | | | Tree consists of 4 stems sprouting fron cut stump. Individual DBH's are 8", 7.5" 8.5", and 9" |
| 8 | 8" | Acer negundo | Box Elder | | | | | Tree consists of 3 stems sprouting fron cut stump. Individual DBH's are 7", 7.5"and 7" |
| 9 | 13.5" | White Pine | Pinus strobus | | | | | |
| 10 | 12" | Crahannla | Malus enn | 36 | I M | | | Cracks and dead/missing bark; over- |

InSite Design Studio, Inc.

412 Longshore Drive Ann Arbor, Michigan Phone: 734.995.4194 Fax: 734.668.2525



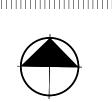
1/19/2022 1/27/2022 Review 5/25/2022 Site Plan Submission

Issued for:

Review

Scale: 1" = 10'-0" Drawn by: SMN & KR

Date:



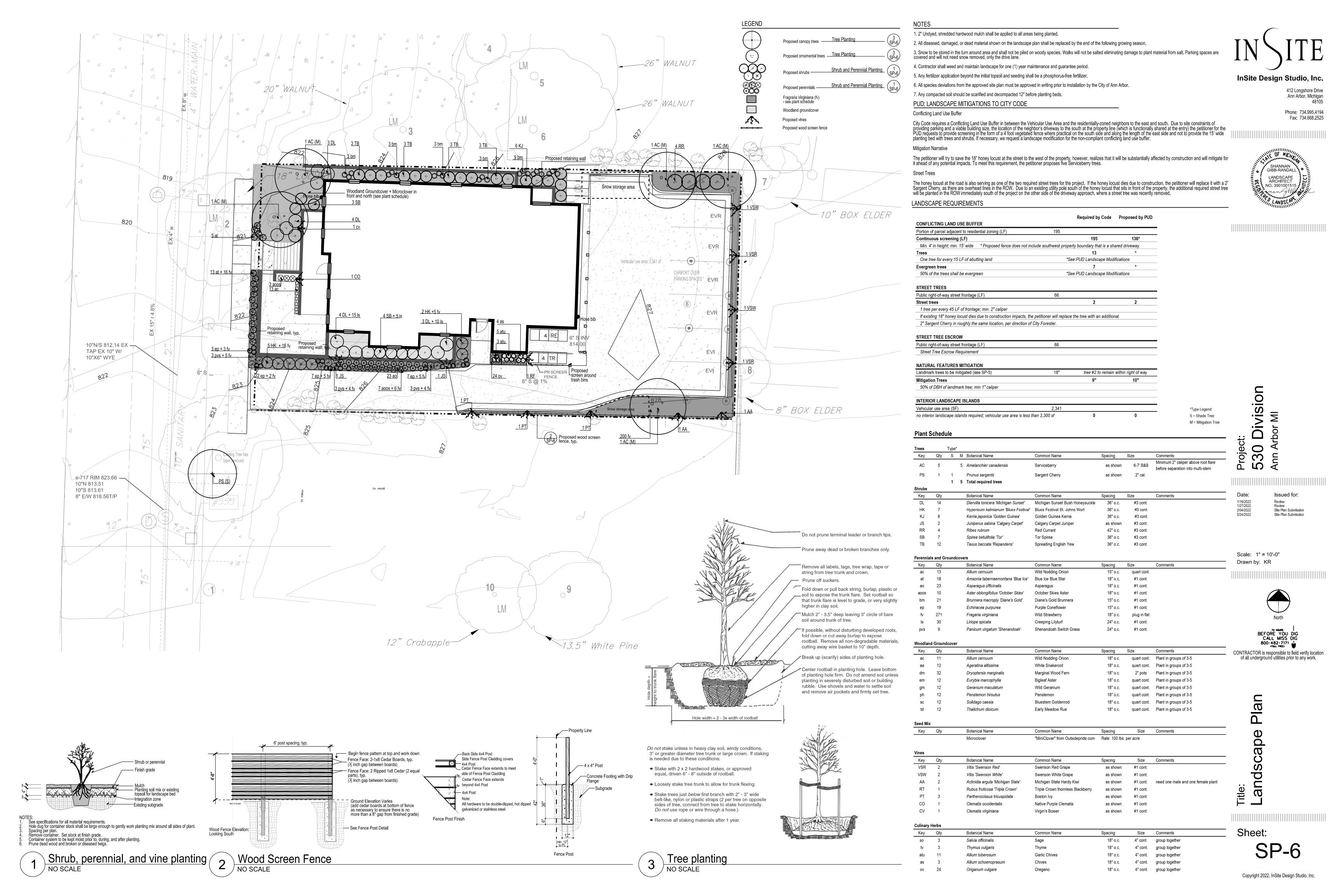
BEFORE YOU DIG CALL MISS DIG 800-482-7171 CONTRACTOR is responsible to field verify location of all underground utilities prior to any work.

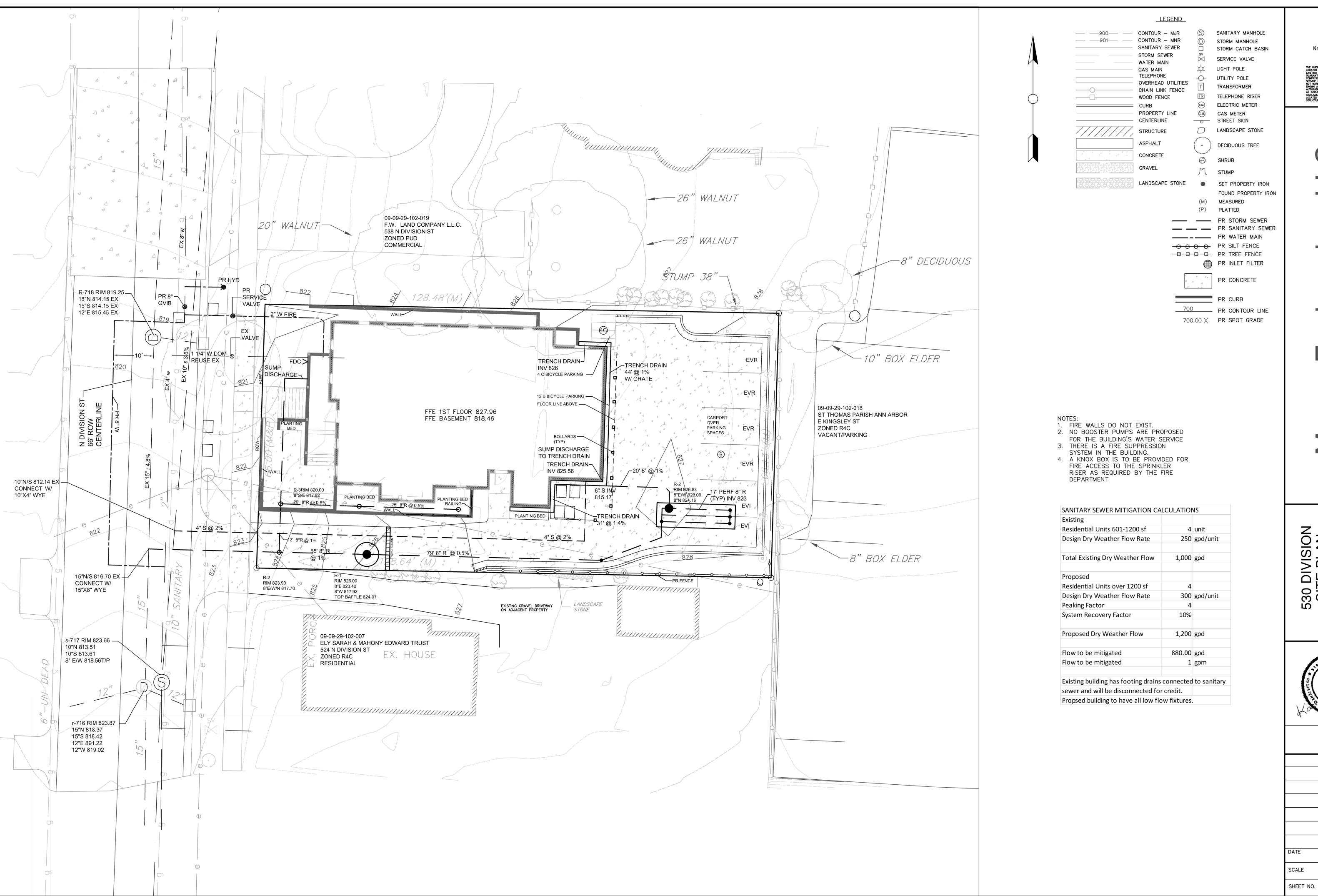
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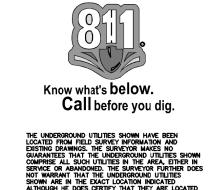
extended branches; signs of fireblight

Sheet:

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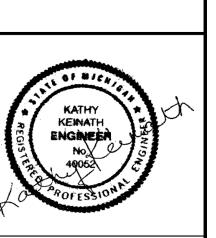




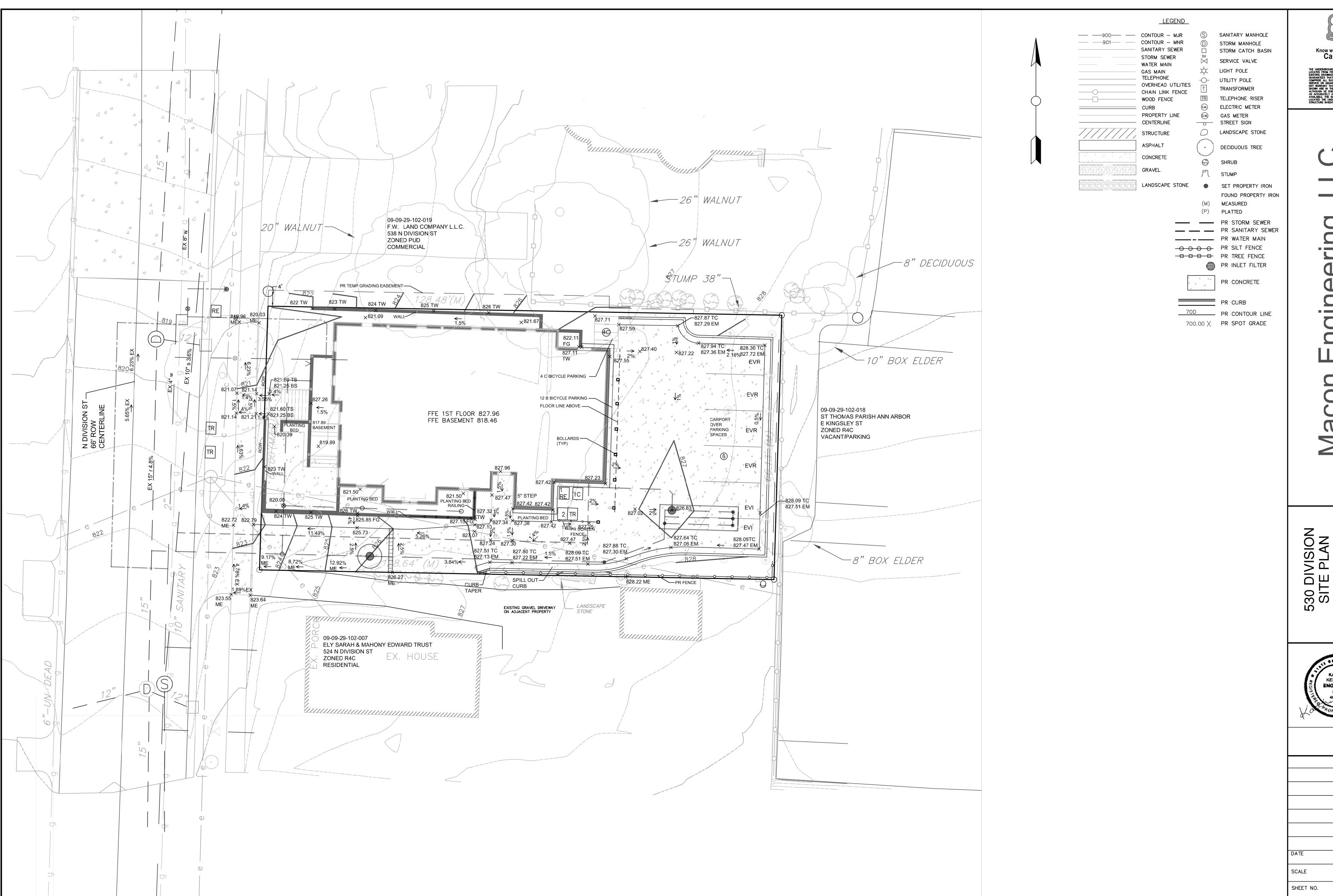


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530 DIVISION SITE PLAN



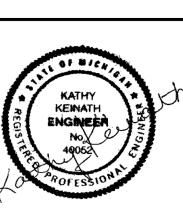
| | 9-14-22 |
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| | 5-5-22 |
| | 1-26-22 |
| | 1-15-22 |
| | 1"=10' |
| NO. | SP-07 |



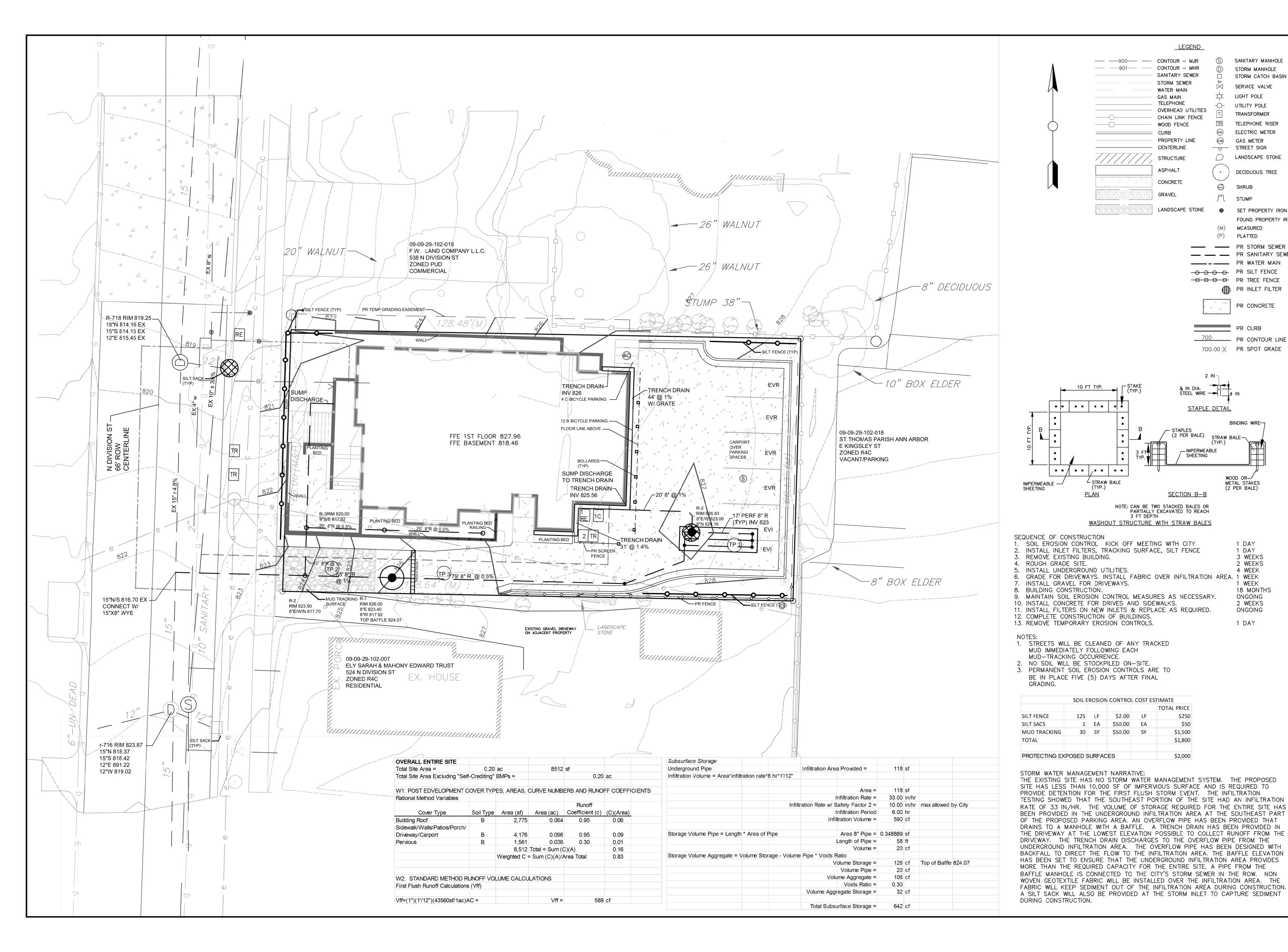
Know what's **below.**Call before you dig.

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| | 9-14-22 |
|--------|---------|
| | 5-25-22 |
| | 5-5-22 |
| | 1-26-22 |
| E | 1-15-22 |
| LE | 1"=10' |
| ET NO. | SP-08 |



0 ∞ ∞ <u>e</u>

Know what's **below**.

Call before you dig.

LEGEND

CONTOUR - MNR

SANITARY SEWER

OVERHEAD UTILITIES

CHAIN LINK FENCE

WOOD FENCE

PROPERTY LINE

CENTERLINE

STRUCTURE

ASPHALT

CONCRETE

LANDSCAPE STONE

GRAVEL

CURB

STORM SEWER

WATER MAIN

GAS MAIN TELEPHONE SANITARY MANHOLE

STORM CATCH BASIN

STORM MANHOLE

SERVICE VALVE

LIGHT POLE

UTILITY POLE

TRANSFORMER

TELEPHONE RISER

ELECTRIC METER

DECIDUOUS TREE

SET PROPERTY IRON

---- PR STORM SEWER

PR INLET FILTER

PR CONCRETE

— PR SANITARY SEWER

FOUND PROPERTY IRON

GAS METER

LANDSCAPE STONE

O STREET SIGN

STUMP

(M) MEASURED PLATTED

PR WATER MAIN

OOO PR SILT FENCE

______ PR CONTOUR LINE 700.00 X PR SPOT GRADE

BINDING WIRE-

METAL STAKES

1 DAY

1 DAY

3 WEEKS

2 WEEKS

4 WEEK

1 WEEK

ONGOING

2 WEEKS

ONGOING

1 DAY

18 MONTHS

(2 PER BALE)

2 IN ¬

% IN DIA. STEEL WIRE — 4 IN

STAPLE DETAIL

(2 PER BALE) STRAW BALE

SECTION B-B

NOTE: CAN BE TWO STACKED BALES OR PARTIALLY EXCAVATED TO REACH 3 FT DEPTH

TOTAL PRICE

\$250

\$50

\$1,500

\$1,800

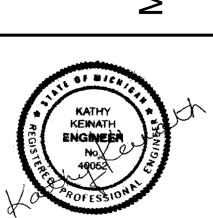
\$2,000

\$2.00 LF

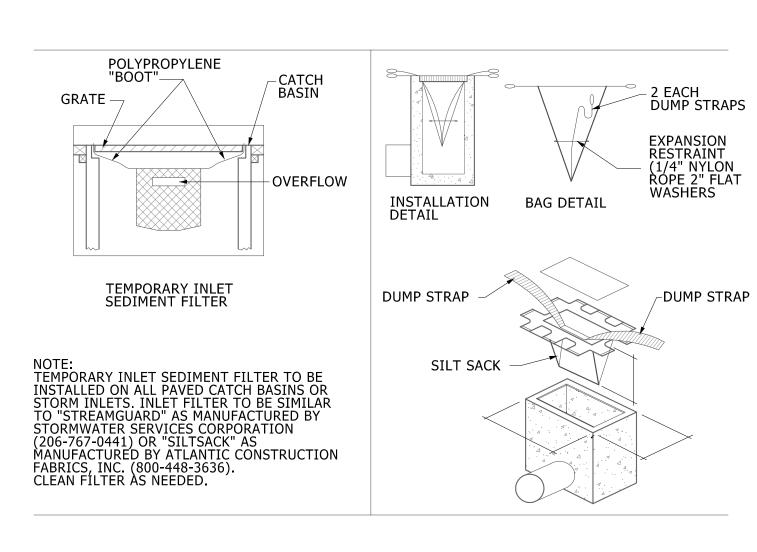
\$50.00 EA

\$50.00

三%片 VISI PLA 30 DIY SITE

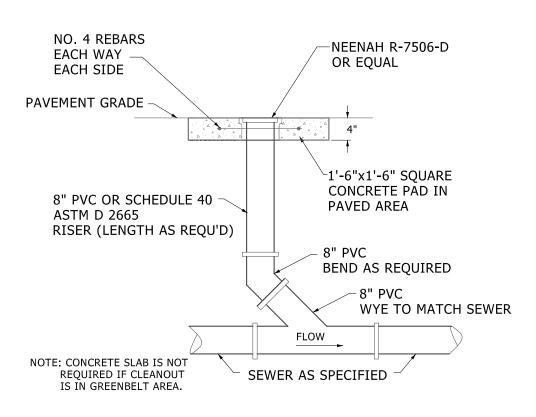


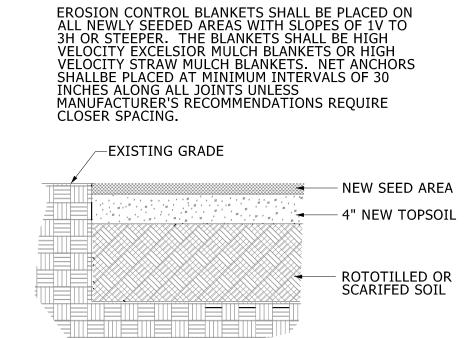
| • | |
|-----------|---------|
| | |
| | |
| | |
| | |
| | |
| | 9-14-22 |
| | 5-25-22 |
| | 1-26-22 |
| DATE | 1-15-22 |
| SCALE | 1"=10' |
| SHEET NO. | SP-09 |



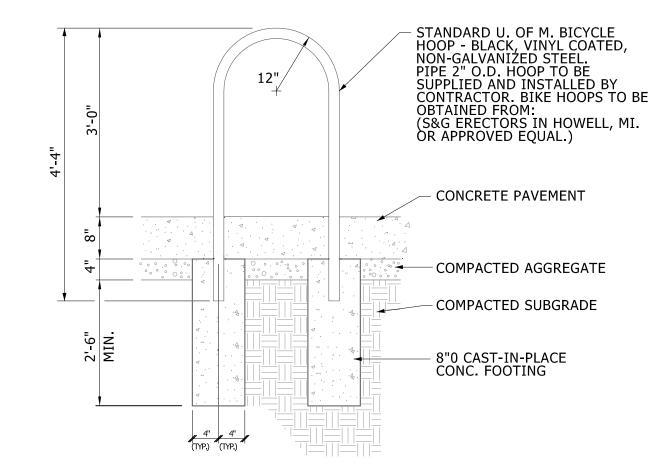
SILT SACK DETAIL

SILT FENCE DETAIL

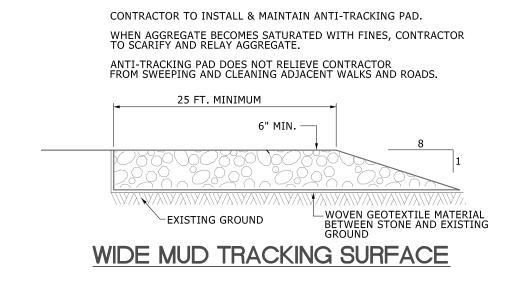




SEWER CLEANOUT



BICYCLE HOOP DETAIL



NEW SEEDED AREA



Control

TASKS

and maintenance activities and report to owner.

Keep records of costs for inspections, maintenance & repairs. report to owner.

Basin

PERMANENT MAINTENANCE TASKS AND SCHEDULE

Inlet | Swales | Structures | Rip—Rap | Rain | Underground |

Garden

Detention

| SCHEDULE | TASŁ |
|--------------------------|--|
| nnually | Inspect for sed |
| very 2 years s needed | Remove sedime |
| nnually | Inspect for floo and debris |
| nnually | Clearing of floo |
| nnually | |
| s needed | Inspection for Re-establish pervention on the second secon |
| nnually | slopes |
| s needed | Inspect Storm components du weather and co to as — built p |
| | Make adjustme replacements of determined by wet weather in |
| nnually nnually | wet weddiel iii |
| | |

- CLASS A CONC

MDOT 21AA

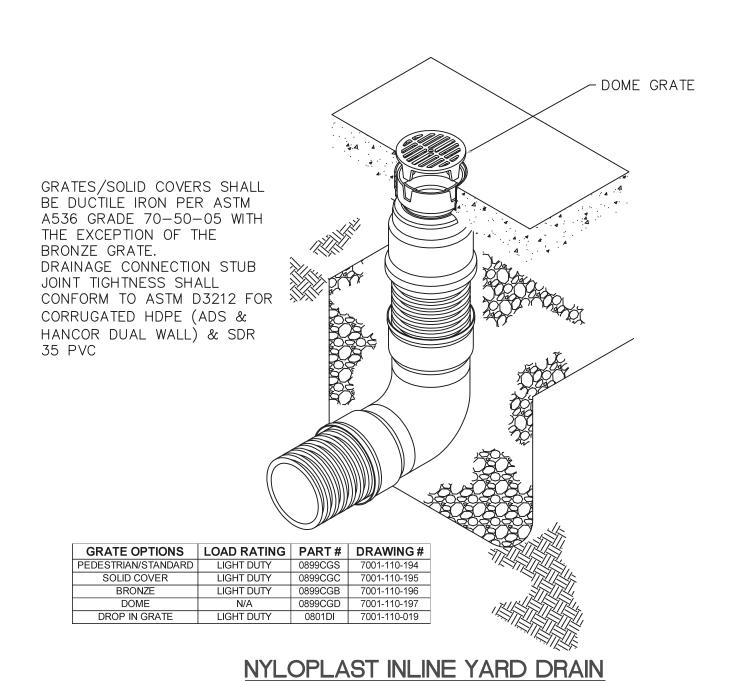
COMPACTED GRANULAR

— COMPACTED SUBGRADE

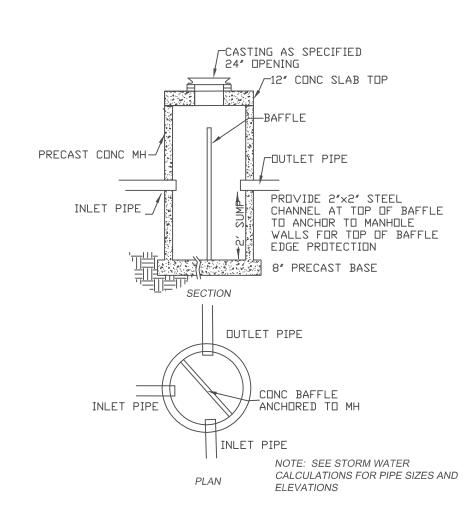
| MAINTENANCE TASKS AND SCHEDULES DURING CONSTRUCTION | | | | | | |
|--|--------------------------|-------------------------|-------------------------------------|--------------------------|----------------------|--------------------------------|
| TASKS | Storm Sewer System | Catch Basin Sumps | Catch Basin Inlet Castings | Underground Detention | Outlet Structures | SCHEDULE |
| Inspect for sediment accumulation | X | X | X | X | X | Weekly |
| Remove sediment accumulation | X | Χ | Χ | X | Χ | As needed & pr to turnover |
| Inspect for floatables and debris | X | X | X | X | X | Quarterly |
| Clearing of floatables and debris | X | X | X | X | X | Quarterly & at turnover |
| Inspection for erosion | | | | | | Weekly |
| Re—establish permanent vegetation on eroded slopes | | | | | | As needed & pri to turnover |
| Inspect Storm system components during wet weather and compare to as — built plans | X | X | X | X | X | Annually and at turnover |
| Make adjustments or replacements as determined by annual wet weather inspection | X | X | X | X | X | As needed |

| | LONG TERM STORM WATER MAINTENANCE PLAN BUDGET | | | |
|---------|---|-------------|--|--|
| _E | ITEM | ANNUAL COST | | |
| | Inspection | \$250 | | |
| | Remove Sediment | \$500 | | |
| | Remove Debris | \$100 | | |
| | Repair Erosion | \$500 | | |
| & prior | Record Keeping | \$100 | | |
| | Maintain Vegetation | \$500 | | |
| | Total Annual Cost | \$1,950 | | |
| | THE OWNER OF THE PROPERTY WILL BE RESPONSIBLE | | | |
| | FOR STORM WATER MAINTEI | NANCE. | | |
| c prior | | | | |
| | | | | |

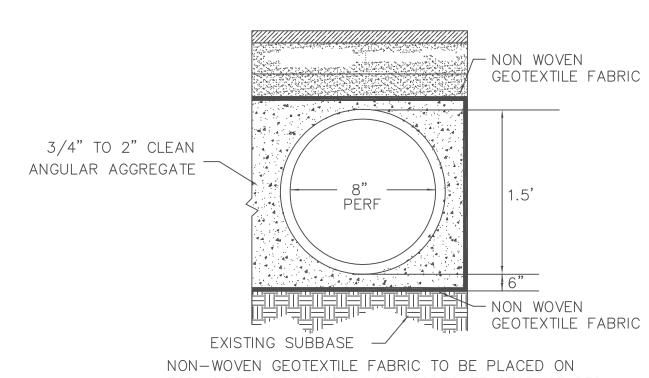
| ASPHALT PAVEMENT PAVEMENT PAVEMENT STANDARD STANDARD STANDARD | T |
|---|---|
| BARRIER CURB #4 BARS 1'-0" LAP ON BARS | |



ONSITE CONC PAVEMENT SECTION







TOP, SIDES AND BOTTOM OF AGGREGATE STORAGE BED

UNDERGROUND DETENTION SECTION

| | 9-14-22 |
|----------|---------|
| | 5-25-22 |
| | 1-26-22 |
| TE | 1-15-22 |
| ALE | N.T.S |
| IEET NO. | SP-10 |
| | J |

Know what's below.

Call before you dig.

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO QUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONDE. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACQUIRATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES OTHER THAN THE STRUCTURE INVENTORY SHOWN HEREON.

530 DIVISION ANN ARBOR, MI

SITE PLAN DETAILS

KATHY KEINATH ENGINEER