DISCOUNT TIRE - MID 24 LATHRUP VILLAGE

PROPERTY DESCRIPTION

PARCEL 1: SOUTH 1/2 OF LOT 1765 AND ALL OF LOTS 1766 THROUGH 1733, LOUISE LATHRUP'S CALIFORNIA BUNGALOW SUBDIVISION NO. 3, ACCORDING TO THE RECORDED PLAT THEREOF AS RECORDED IN LIBER 32 ON PAGE 26 OF PLATS, OAKLAND COUNTY RECORDS. CONTAINING 17,499.96 SF OR 0.402 AC

PARCEL 2: LOTS 1762, 1763, 1764 AND THE NORTH 1/2 OF LOT 1765, LOUISE LATHRUP'S CALIFORNIA BUNGALOW SUBDIVISION NO. 3, ACCORDING TO THE RECORDED PLAT THEREOF AS RECORDED IN LIBER 32 ON PAGE 26 OF PLATS, OAKLAND COUNTY RECORDS. CONTAINING 7,399.98 SF OR 0.170 AC

PARCEL 3: LOT 1774, LOUISE LATHRUP'S CALIFORNIA BUNGALOW SUBDIVISION NO. 3, ACCORDING TO THE RECORDED PLAT THEREOF AS RECORDED IN LIBER 32 ON PAGE 26 OF PLATS, OAKLAND COUNTY RECORDS. CONTAINING 2,000 SF OR 0.046 AC

PARCEL 4: LOTS 1775, 1776 AND 1777, LOUISE LATHRUP'S CALIFORNIA BUNGALOW SUBDIVISION NO. 3, ACCORDING TO THE RECORDED PLAT THEREOF AS RECORDED IN LIBER 32 ON PAGE 26 OF PLATS, OAKLAND COUNTY RECORDS. CONTAINING 6,000 SF OR 0.138 AC

PARCEL 5: LOT 2236, LOUISE LATHRUP'S CALIFORNIA BUNGALOW SUBDIVISION NO. 3. ACCORDING TO THE RECORDED PLAT THEREOF AS RECORDED IN LIBER 32 ON PAGE 26 OF PLATS, OAKLAND COUNTY RECORDS. CONTAINING 7,475.76 SF OR 0.172 AC

SITE NOTES:

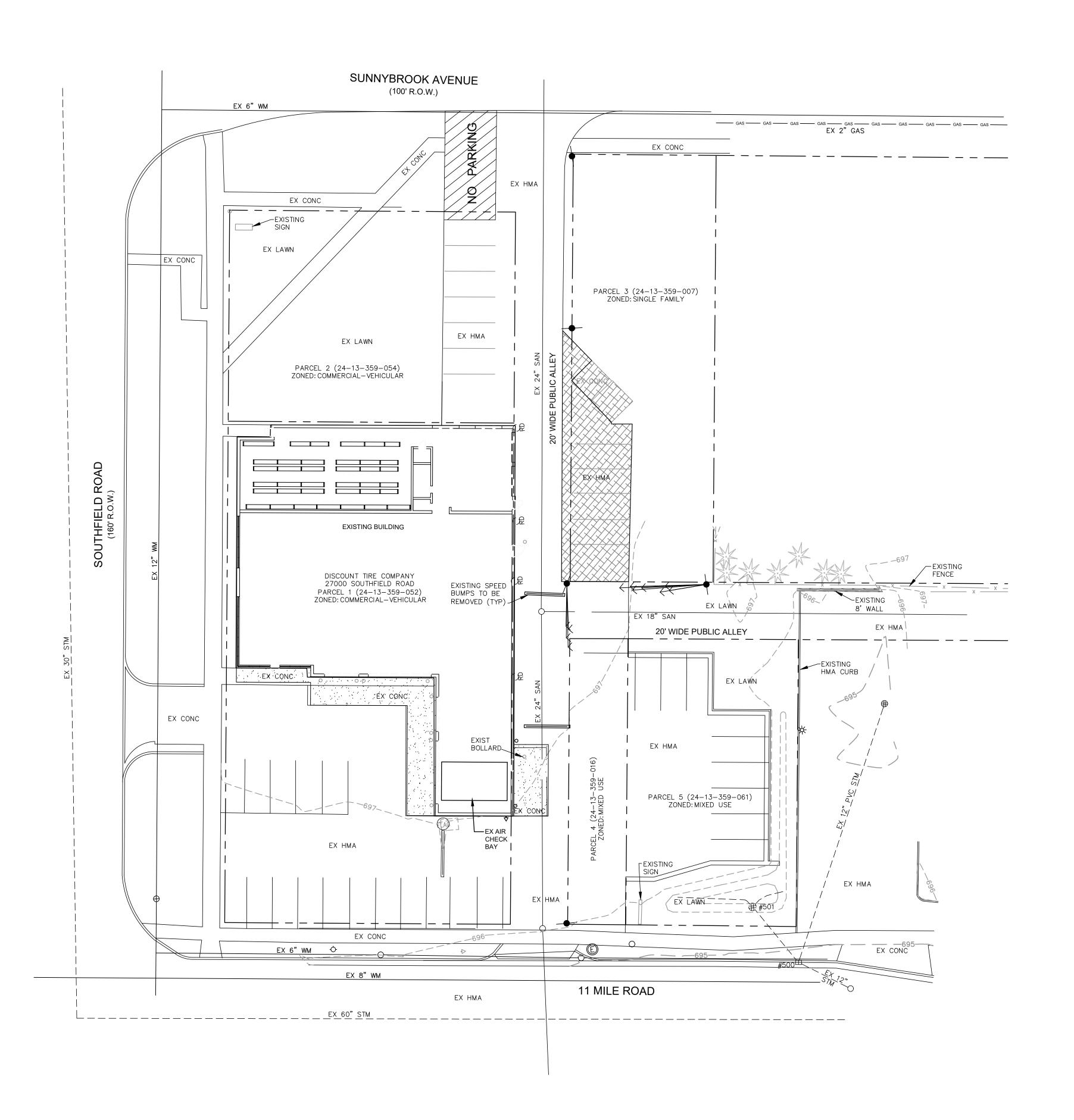
- THE SUBJECT PARCEL LIES WITHIN THE ZONE X FLOOD ZONE DESIGNATION: AREAS DETERMINED TO BE OUTSIDE OF THE 0.2%
- ANNUAL CHANCE FLOODPLAIN. 2. THIS PARCEL HAS NO EXISTING WETLANDS.

EXISTING STRUCTURE INVENTORY

RIM ELEV = 694.1212" INV (ESE) = 690.6010" INV (NNE) = 690.6512" INV (NW) = 690.60

#501 EX OVERFLOW STRUCTURE (2' DIA) RIM ELEV = 695.0012" INV (SE) = 691.60

6" INV (NE) = 692.006" INV (NW) = 692.00



BENCHMARK #1 ELEV = 696.07SAN MH LID 40' SSE OF SE BLDG

ELEV = 697.80BENCHMARK #2 SE ANCHOR BOLT ON TRAFFIC SIGNAL POLE AT SW COR OF SITE

Know what's below. Call before you dig

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



LOCATION MAP

SCALE: 1"=20'

APPLICANT

HALLE PROPERTIES, LLC 20225 N SCOTTSDALE ROAD SCOTTSDALE, AZ 85255 (480)606-6193

ENGINEER

ENG., INC 4063 GRAND OAK DRIVE STE A109 LANSING, MI 48911 (517)887-1100



= EXISTING DECIDUOUS TREE

= EXISTING SHRUB = EXISTING LIGHT POLE = EXISTING ELECTRIC

——— GAS ——— = EXISTING GAS MAIN = EXISTING FIRE HYDRANT EX 6" WM ⊗ = EXISTING WATER VALVE/WATER MAIN

EX 8" SAN = EXISTING SANITARY MANHOLE/SEWER $EX_12"$ STM O---- = EXISTING STORM MANHOLE/SEWER

> = EXISTING SUBJECT PROPERTY BOUNDARY = EXISTING UTILITY POLE

= EXISTING TELEPHONE PEDESTAL

---- = EXISTING EASEMENT = EXISTING CONTOUR (SHOWN AT 1 FOOT INTERVALS)

= EXISTING CURB AND GUTTER

= EXISTING

= EXISTING HMA PAVEMENT = EXISTING CONCRETE PAVEMENT = FOUND IRON PIPE, ROD OR CONCRETE MONUMENT = SET IRON ROD AND CAP NO 45499

= RIGHT OF WAY = LINE BREAK

= SECTION CORNER = MEASURED = REMOVE EXISTING CURB AND GUTTER XXXXXXX

= REMOVE EXISTING CONCRETE & HMA PAVEMENT = REMOVE BUILDING

= REMOVE EX TREE

= SAVE & PROTECT EX TREE = PARCEL LINE = EXISTING ROOF DRAIN

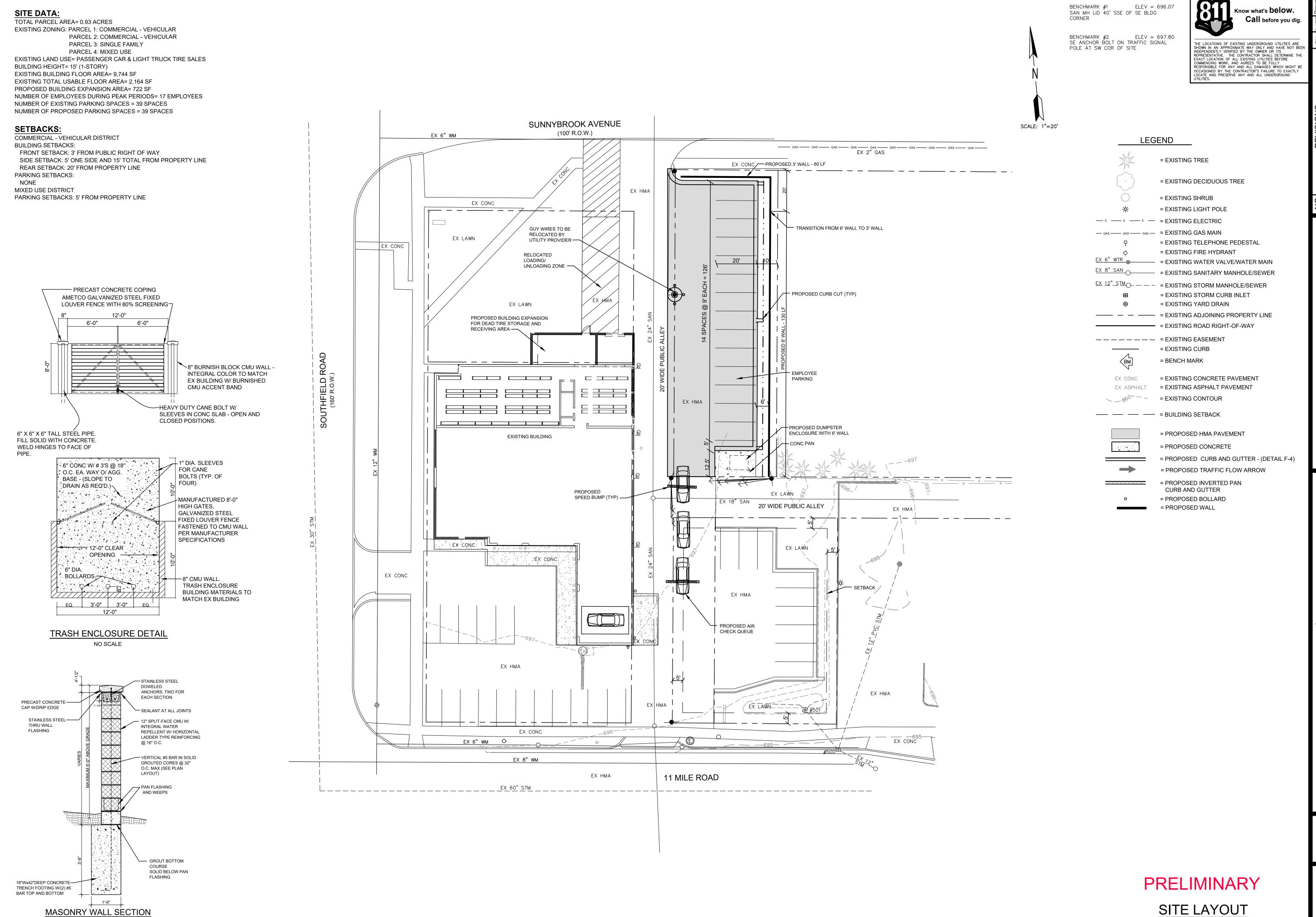
PRELIMINARY

COVER, TOPOGRAPHIC SURVEY & REMOVAL PLAN

PROJECT NO. 21001

SHEET NO.

OF **4**



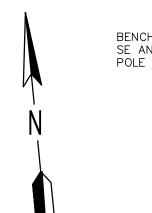
PROJECT NO. 21001

SHEET NO.

2 of **4**

GRADING NOTES

- 1. EXISTING UTILITY LOCATIONS ARE APPROXIMATE AND NOT EXACT. CALL 811 OR 1-800-362-2764.
- 2. ALL EXISTING UTILITIES SHALL BE PROTECTED FROM EXCAVATION. EXISTING UTILITIES DAMAGED BY CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 3. FINISHED SURFACES TO BE SMOOTH AND EVEN WITH NO ABRUPT OR AWKWARD CHANGES IN GRADE.
- 4. ALL NEW SIDEWALKS AND PAVEMENTS SHALL BE PLACED AT AN ELEVATION THAT PROVIDES POSITIVE DRAINAGE AND CONSISTENT SLOPES. ENSURE NO LOW SPOTS ARE CREATED. NEW WALKS SHALL MEET EXISTING WALKS FLUSH AT EXISTING GRADE. NOTIFY ENGINEER IF GRADES ON PLAN CANNOT BE MET TO ENSURE POSITIVE DRAINAGE.
- 5. ALL PROPOSED GRADES SHALL BE STAKED BY A LICENSED SURVEYOR AND FIELD VERIFIED BY THE
- CONTRACTOR PRIOR TO CONSTRUCTION. 6. MATCH ADJACENT PAVEMENT GRADES WHERE NEW PAVEMENT ABUTS EXISTING PAVING.



ELEV = 696.07

BENCHMARK #2 ELEV = 697.80 SE ANCHOR BOLT ON TRAFFIC SIGNAL POLE AT SW COR OF SITE

LEGEND

= EXISTING TREE

= EXISTING SHRUB

= EXISTING LIGHT POLE

= EXISTING DECIDUOUS TREE

= EXISTING TELEPHONE PEDESTAL

= EXISTING STORM CURB INLET

= EXISTING YARD DRAIN

= BENCH MARK

= EXISTING CURB

= EXISTING FIRE HYDRANT

SAN MH LID 40' SSE OF SE BLDG

BENCHMARK #1

CORNER

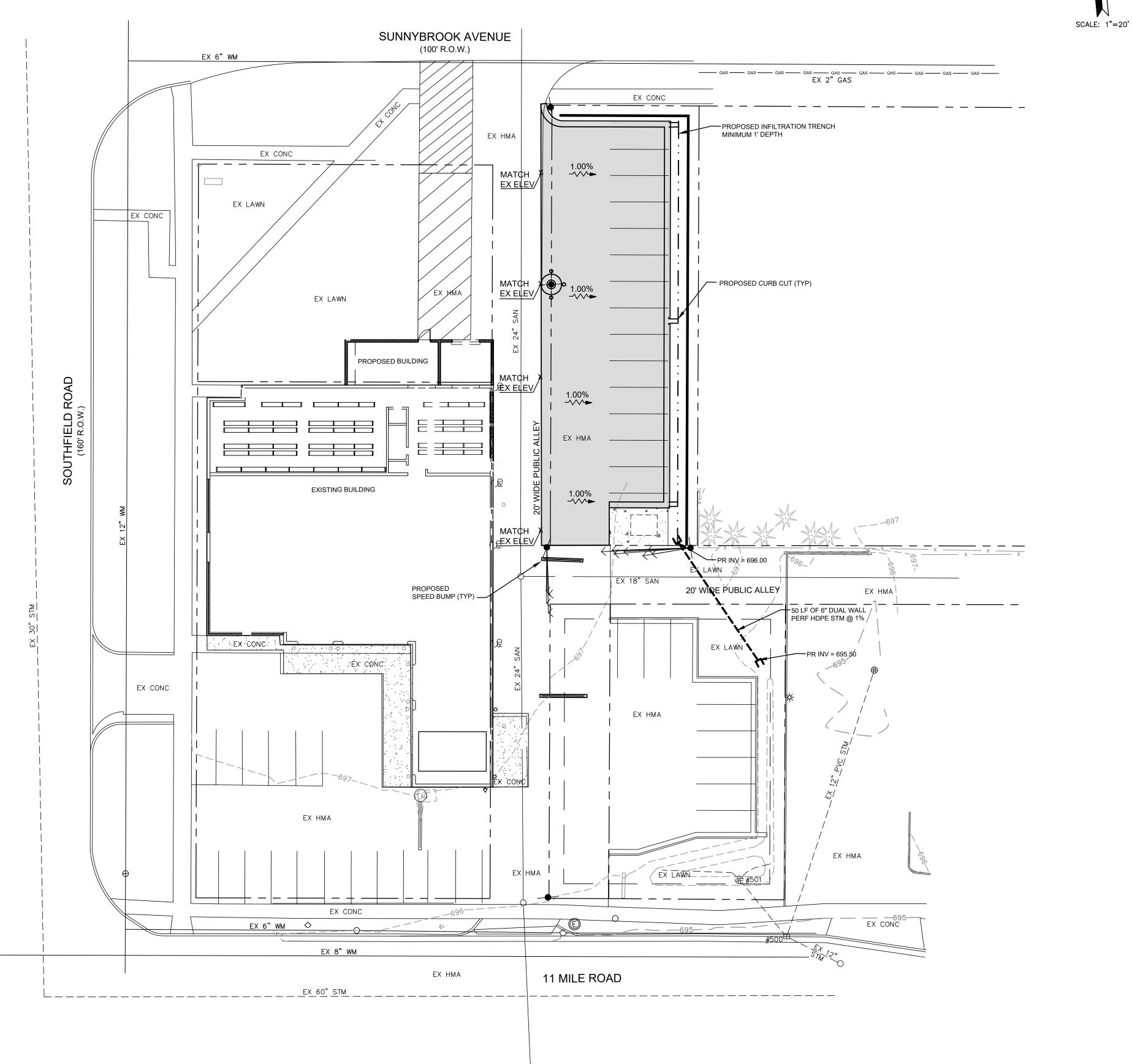


THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.

PROJECT NO. 21001

SHEET NO.

3 of 4



= EXISTING ELECTRIC —— GAS —— GAS —— = EXISTING GAS MAIN EX 6" WTR ⊗ = EXISTING WATER VALVE/WATER MAIN EX 8" SAN = EXISTING SANITARY MANHOLE/SEWER $\underline{-EX}_{12}^{"}\underline{STM}_{-}$ - - = EXISTING STORM MANHOLE/SEWER —— — = EXISTING ADJOINING PROPERTY LINE = EXISTING SUBJECT PROPERTY BOUNDARY = EXISTING ROAD RIGHT-OF-WAY ---- = EXISTING EASEMENT EX CONC

= EXISTING CONCRETE PAVEMENT EX ASPHALT = EXISTING ASPHALT PAVEMENT = EXISTING CONTOUR — — = BUILDING SETBACK = PROPOSED HMA PAVEMENT = PROPOSED CONCRETE = PROPOSED CURB AND GUTTER - (DETAIL F-4) = PROPOSED INVERTED PAN CURB AND GUTTER = PROPOSED SANITARY SEWER = PROPOSED WATER MAIN = PROPOSED ELECTRIC — GAS — = PROPOSED GAS = PROPOSED WATER VALVE = PROPOSED CURB INLET = PROPOSED MANHOLE = PROPOSED END SECTION = PROPOSED CLEAN-OUT x 706.48 = PROPOSED SPOT ELEVATION = TOP OF CURB = GUTTER = MEET EXISTING GRADE = FINISHED FLOOR ELEVATION = EXISTING SPOT ELEVATION = EXISTING CONTOUR = PROPOSED CONTOUR — = PROPOSED SURFACE DRAINAGE ARROW = EXISTING SURFACE DRAINAGE ARROW 706.48 = SIGHT DISTANCE EVALUATION PROPOSED ELEVATION

PRELIMINARY

= MOUNTABLE CURB AND GUTTER

= PROPOSED WALL

GRADING &

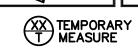
- COMPLY WITH CURRENT OAKLAND COUNTY STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, ALL CONTRACT DOCUMENTS, APPROVED SESC PLANS, PERMIT CONDITIONS AND WITH PARTS 31 AND 91 OF PUBLIC ACT 451 OF 1994. THE CONTRACTOR SHALL OBTAIN A SOIL EROSION AND SEDIMENTATION CONTROL(SESC) PERMIT FROM THE APPROPRIATE MUNICIPAL ENFORCING AGENCY (MEA) OR COUNTY ENFORCING AGENCY (CEA). PERMIT FEES AND ROUTINE INSPECTIONS CHARGED BY THE MEA/CEA WILL BE PAID FOR BY THE CONTRACTOR.
- PRIOR TO BEGINNING ANY EARTH CHANGE, RETAIN A DEQ CERTIFIED STORM WATER OPERATOR (CSWO) TO PROVIDE THE REQUIRED SESC REPORTS (WHICH INCLUDE THE WEEKLY AND STORM EVENT REPORTS AS WELL AS ALL FOLLOW UP REPORTS FOR BOTH VIOLATIONS AND STORM EVENT CORRECTIONS ON THE STANDARD DEQ FORM. PROVIDE THE REPORTS TO THE OWNER ON A WEEKLY BASIS, AND RETAIN THOSE REPORTS FOR THREE YEARS.
- PRIOR TO BEGINNING ANY EARTH CHANGE, INSTALL AND MAINTAIN ALL SESC MEASURES AS SHOWN ON THE CONTRACT DOCUMENTS AND AS DIRECTED BY THE OWNER, CSWO, MEA/CEA OR DEQ AT ANYTIME DURING THE LIFE OF THE CONTRACT OR UNTIL THE OWNER OFFICIALLY TAKES OVER RESPONSIBILITY FOR THE SITE. IMMEDIATELY PRIOR TO THE OWNER TAKING RESPONSIBILITY FOR THE SITE, CLEAN ALL CATCH BASINS AFFECTED BY THE CONSTRUCTION, BOTH WITHIN THE CONTRACT LIMITS AND ALL SURROUNDING ROADS AND LAWN AREAS WHERE SOIL MAY HAVE SPREAD AS THE RESULT OF CONSTRUCTION ACTIVITIES.
- 4. CONDUCT ALL EXCAVATION, FILLING, GRADING, AND CLEANUP OPERATIONS IN A MANNER SUCH THAT SEDIMENT, GENERATED BY WIND OR WATER IS NOT DISCHARGED INTO ANY STORM SEWER, DRAINAGE DITCH, RIVER, LAKE, AIR, OR UNDERGROUND UTILITY SYSTEM. STAGE WORK TO MINIMIZED THE AREA OF EXPOSED SOIL, THEREBY REDUCING THE OPPORTUNITY FOR SOIL EROSION.
- WATER FROM TRENCHES AND OTHER EXCAVATION SHALL BE PUMPED INTO A FILTRATION BAG TO REMOVE SEDIMENTS FROM THE WATER. IF SEDIMENT EXTENDS BEYOND THE PROJECT LIMITS, CLEANUP AND RESTORE ALL SURFACES AND UTILITY SYSTEMS TO THE CONDITION THAT EXISTED PRIOR TO THE CONTRACT AWARD.
- ALL SESC MEASURES SHALL BE MAINTAINED DAILY. MEASURES ARE THE RESPONSIBILITY OF THE CONTRACTOR DURING CONSTRUCTION AND UNTIL FINAL STABILIZATION OF ENTIRE PROJECT AREA.
- SHOULD VIOLATIONS BE IDENTIFIED BY THE OWNER, CSWO, MEA/CEA OR DEQ, THEY SHALL BE CORRECTED WITHIN 24 HOURS OF NOTIFICATION. THE CORRECTION(S) SHALL BE APPROVED BY THE OWNER, CSWO, MEA/CEA OR DEQ. ALL SUBSEQUENT INSPECTIONS PERFORMED BY THE OWNER, CSWO, MEA/CEA OR DEQ AS A RESULT OF THE VIOLATION (AND ANY OTHER ASSOCIATED COSTS) WILL BE PAID
- FINES ASSESSED AS A RESULT OF THE VIOLATION FOR NONCOMPLIANCE OF THE SESC PROVISIONS, WILL BE PAID BY THE CONTRACTOR. SHOULD A "STOP WORK" ORDER FOR NONCOMPLIANCE BE ISSUED, A TIME EXTENSION REQUEST FOR THAT TIME PERIOD WILL NOT BE GRANTED.
- 10. ALL DISTURBED AREAS WILL RECEIVE PERMANENT EROSION CONTROL WITHIN 5 DAYS OF FINAL GRADING.
- 11. TEMPORARY AGGREGATE APPROACH SHALL BE INSTALLED AND MAINTAINED FOR SOIL EROSION CONTROL (SEE DETAIL).
- 12. SITE IS MORE THAN 1000 FEET FROM ANY WATER OF THE STATE.
- 13. CATCH BASIN FILTER BAGS:
- · INSPECT DAILY AND IMMEDIATELY FOLLOWING EACH RAINFALL REMOVE ALL SILT COLLECTED IN FILTER ON A WEEKLY BASIS
- REPLACE FILTER IF TORN INSTALL FLOC LOGS WHERE FILTERS ARE INADEQUATE
- 14. DUST CONTROL SHALL BE EXERCISED AT ALL TIMES DURING THE PROJECT. WATERING WILL TAKE PLACE ONCE A DAY OR MORE OFTEN AS NEEDED AND WILL BE DIRECTED BY THE STORM WATER OPERATOR.
- 15. LIMITS OF DISTURBANCE = PROPERTY LINES
- 16. PERMANENT AND TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES WITHIN THE LIMITS OF DISTURBANCE IS THE RESPONSIBILITY OF THE CONTRACTOR UNTIL SUCH TIME WHEN THE SITE IS DEEMED PERMANENTLY STABILIZED, AFTER WHICH MAINTENANCE OF THE PERMANENT SOIL EROSION AND SEDIMENTATION CONTROL MEASURES IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
- 17. REMOVAL OF TEMPORARY MEASURES FOLLOWING ACCEPTANCE OF THE PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR.
- 18. ADJOINING STREETS AND PARKING LOTS SHALL BE SWEPT DAILY, OR MORE OFTEN AS NEEDED.
- 19. THIS PARCEL IS NOT LOCATED IN THE 100 YEAR FLOOD PLAIN AS DEFINED BY FEMA
- 20. COORDINATE WITH THE OWNER TO DESIGNATE AN AREA TO STOCKPILE SOIL. SURROUND LIMITS OF PILE WITH SILT FENCE. APPLY WATER TO CONTROL DUST AS NECESSARY.

SCALE: 1"=30'

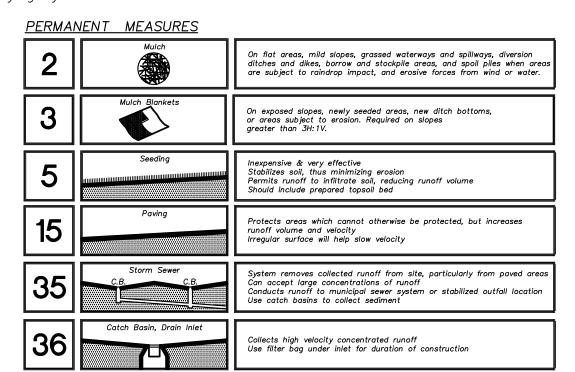
SOIL EROSION AND CONTROL MEASURES

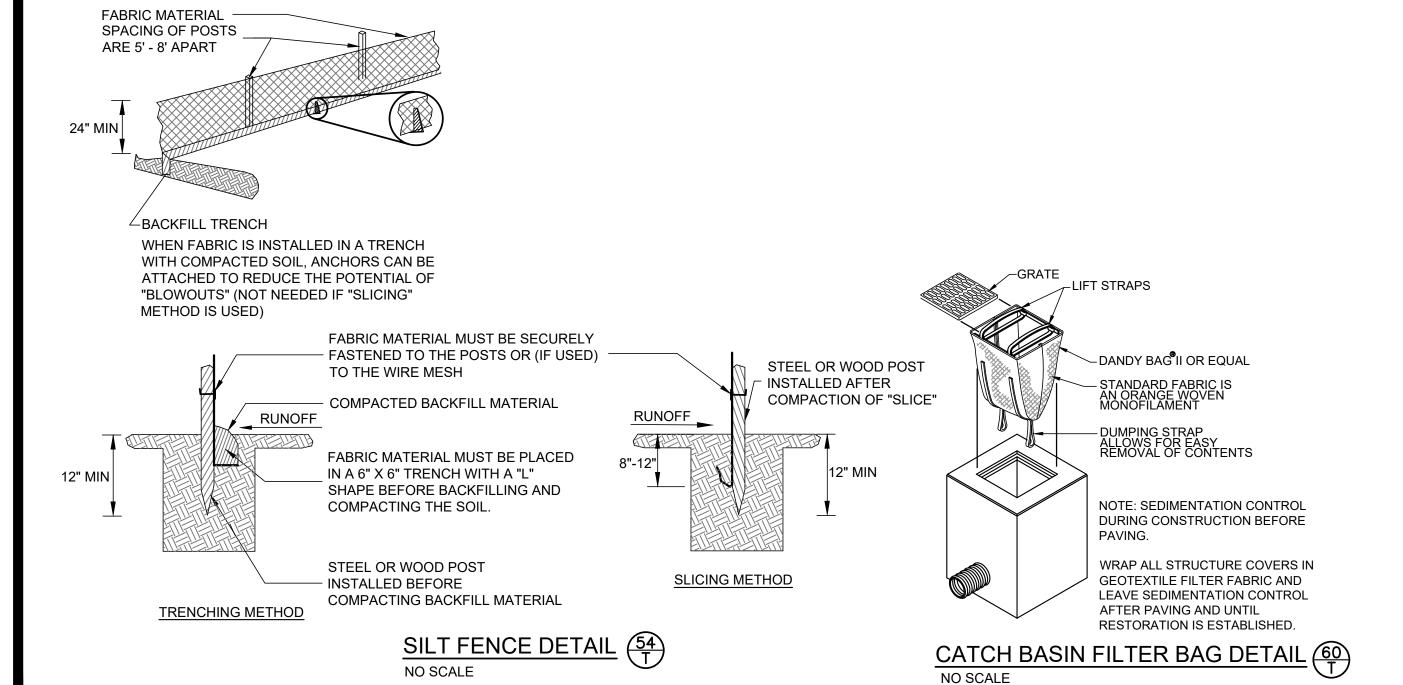
Michigan Unified Keying System

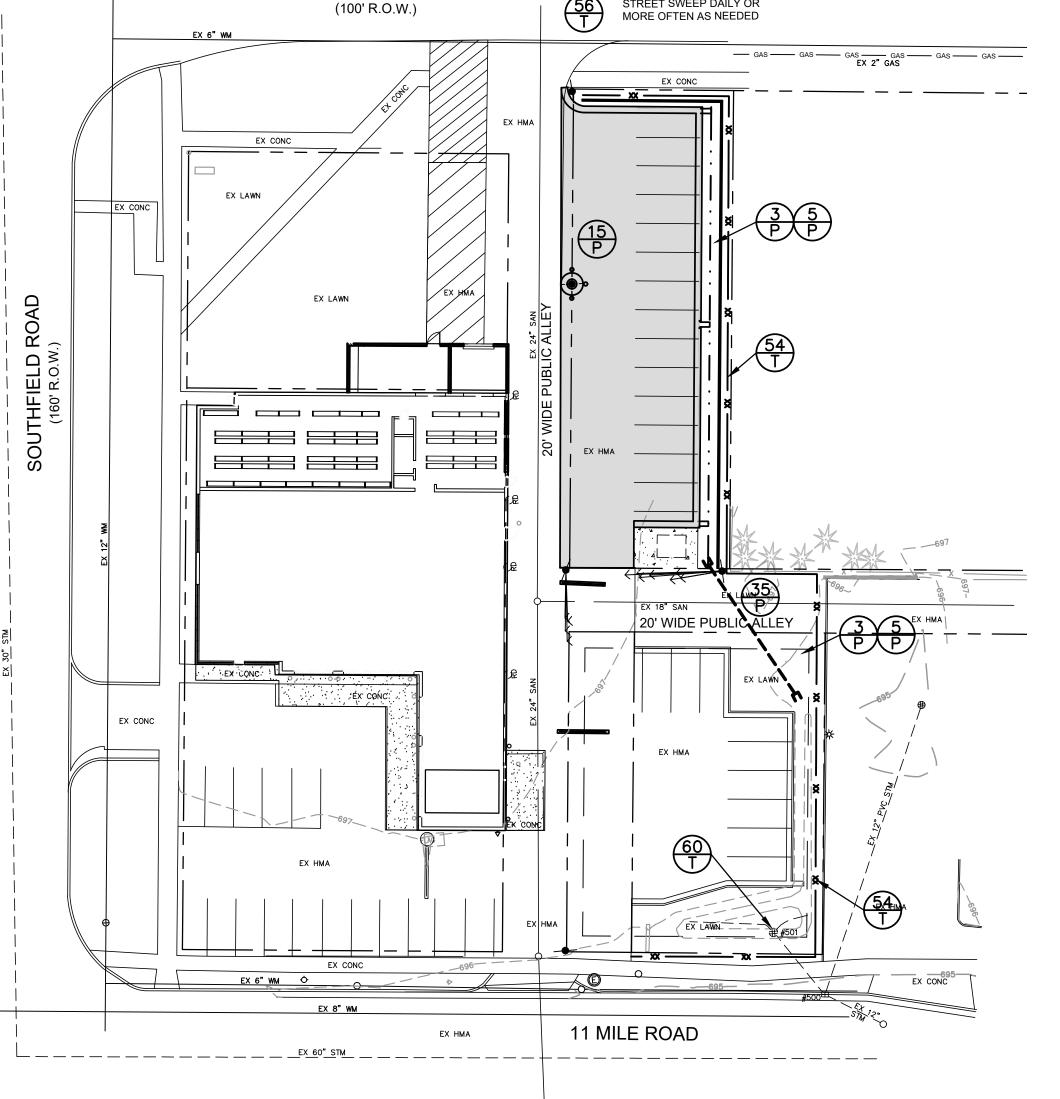
TEMPORARY MEASURES		
14	Aggregate Cover	Stabilizes soil surface, thus minimizing erosion Permits construction traffic in adverse weather May be used as part of permanent base construction of paved areas
32	Interceptor Swale	Runoff needs to be intercepted and or diverted around sensitive areas, unstable or easily eroded soils, bare soils, away from steep banks, or around earth change activities.
54	Geotextile Silt Fence	Use geotextile and posts or poles May be constructed or prepackaged Easy to construct and locate as necessary
56	Street Sweeping	Remove sediment from pavement minimizing non-point Source pollution.
60	Inlet Protection Fabric Drop	Use at stormwater inlets, especially at construction sites.





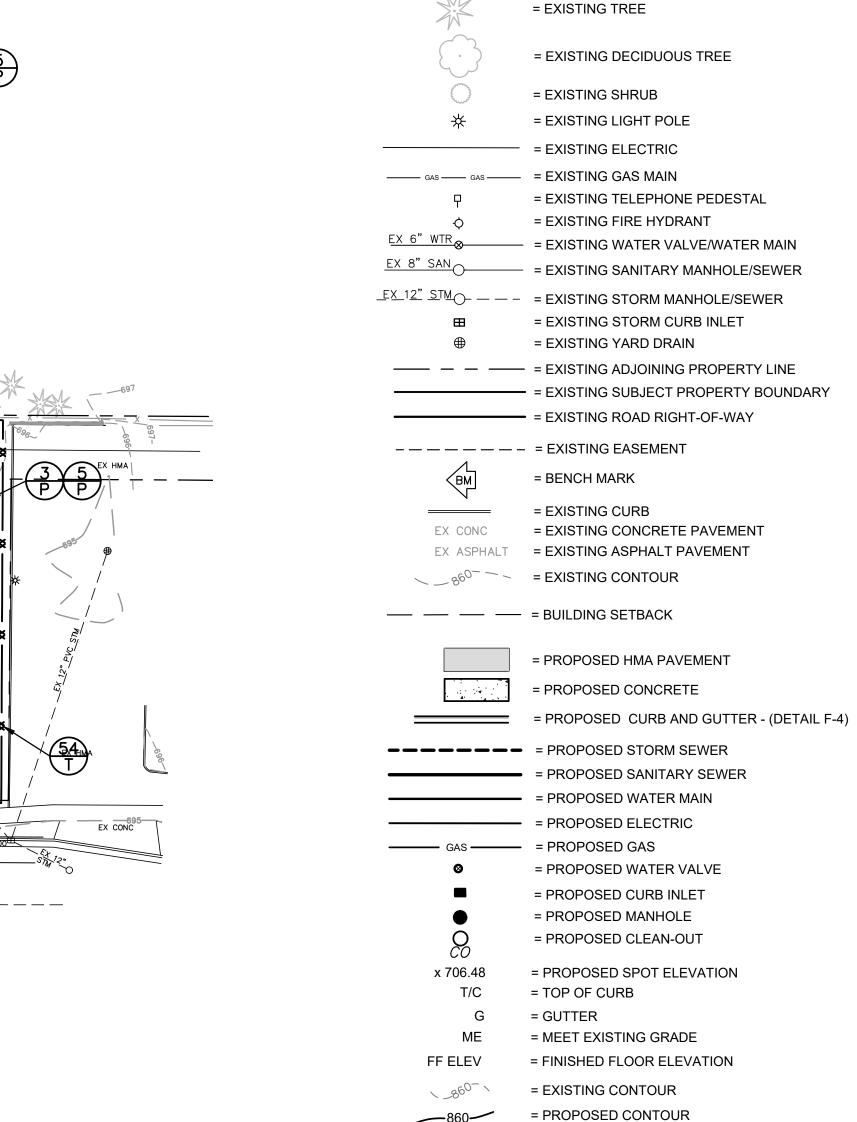






STREET SWEEP DAILY OR

SUNNYBROOK AVENUE



BENCHMARK #1

BENCHMARK #2

POLE AT SW COR OF SITE

CORNER

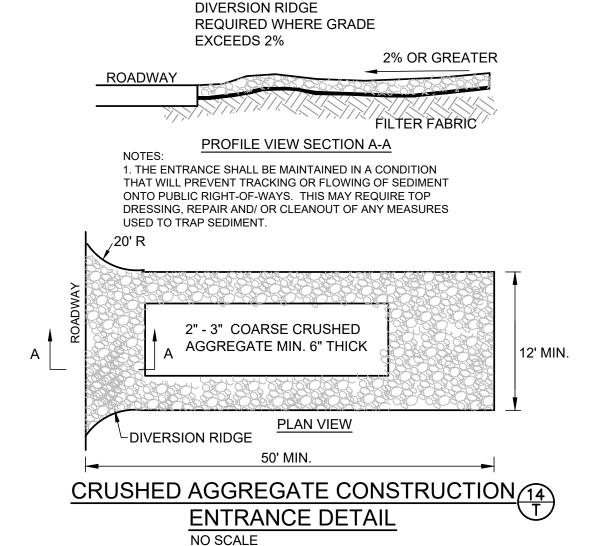
SAN MH LID 40' SSE OF SE BLDG

SE ANCHOR BOLT ON TRAFFIC SIGNAL

ELEV = 696.07

ELEV = 697.80

LEGEND



Sequence of Construction Activities nstall Temporary SESC Measures: A. Stabilized Construction Access <u> 8. Silt Fence</u> Catch basin Protection D. Dust Control E. Catch Basin
F. Storm Drain Inlet Protection
Maintain Temporary SESC Measures:
Remove and Stockpile Topsoil Building Construction

Pavement Construction

CONSTRUCTION SEQUENCE SCHEDULE (2020)

Final Site Stabilization and Landscaping (to be completed within 5 days of final grading or activity within that area) Remove Temporary SESC Measures Permanent SESC Measures

PRELIMINARY

SOIL EROSION & SEDIMENTATION CONTROL PLAN

= PROPOSED SURFACE DRAINAGE ARROW = EXISTING SURFACE DRAINAGE ARROW

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Know what's **below**.

PROJECT NO. 21001

SHEET NO.

4 OF 4