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# SITE DEVELOPMENT PLANS FOR: Fast Lube

TTCDA FILE NUMBER: 6-B-TOB

PLANNING COMMISSION FILE NUMBER: 6-C-24-DP

## SITE INFORMATION:

ADDRESS: 1405 LOVELL RD, KNOXVILLE, TN 37932

PARCEL ID: 118-016.01

JURISDICTION: KNOX COUNTY

## OWNER / DEVELOPER:

NAME: SHARPS TOTAL PERFORMANCE

ADDRESS: 7500 ASHEVILLE HIGHWAY, KNOXVILLE, TN 37924

CONTACT: SCOTT SHARP

PHONE: (423)871-1333

EMAIL: FASTLUBETN@GMAIL.COM

## PREPARED FOR:

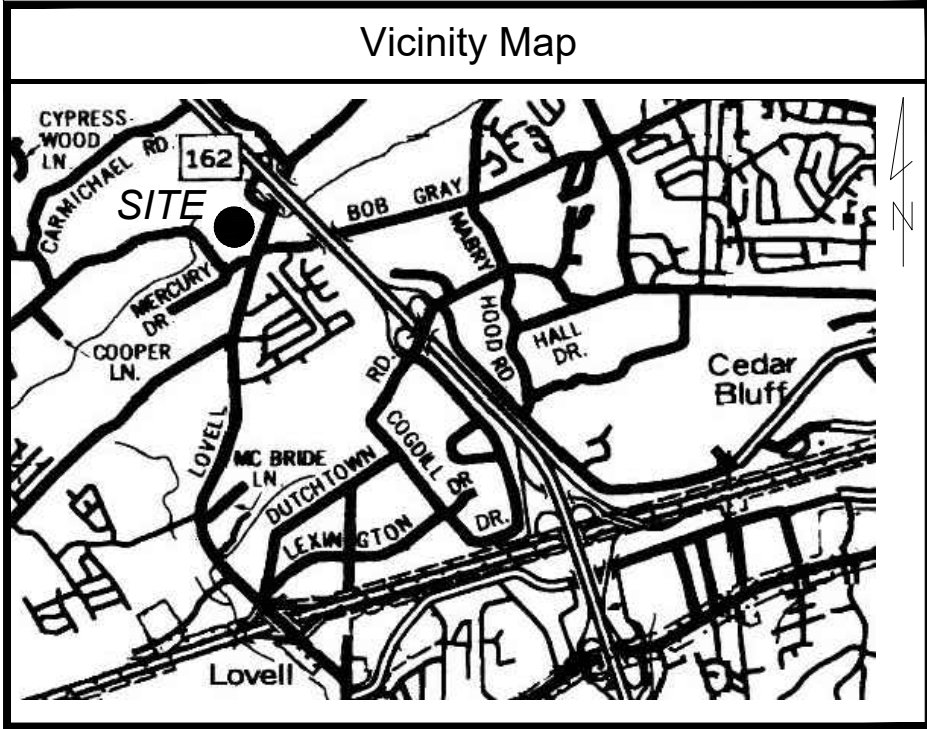
NAME: OYSK3 ARCHITECTS

ADDRESS: 1545 WESTERN AVE, KNOXVILLE, TN 37921

CONTACT: CARA KNAPP

PHONE: (865)523-8200

EMAIL: CARA@OYSK3ARCHITECTS.COM



### Project General Notes

- ANY WORK PROVIDED BY THE CONTRACTOR THAT CONSTITUTES A CHANGE IN CONTRACT PRICE OR SCHEDULE MUST BE AUTHORIZED BY THE OWNER PRIOR TO BEGINNING WORK.
- IN THE EVENT OF ANY CONFLICT BETWEEN REQUIREMENTS INDICATED IN THESE DRAWINGS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN.
- CONTRACTOR SHALL ACQUIRE ALL NECESSARY PERMITS TO PERFORM CONSTRUCTION OF THE PROJECT PRIOR TO THE COMMENCEMENT OF ANY WORK.
- CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTATION OF ALL APPLICABLE LOCAL, STATE AND FEDERAL OSHA CONSTRUCTION SITE SAFETY MEASURES.
- NOTIFY THE OWNER OF DISCREPANCIES BETWEEN SITE CONDITIONS AND DRAWINGS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- PRIOR TO THE COMMENCEMENT OF ANY WORK, CONTRACTOR SHALL DOCUMENT EXISTING SITE CONDITIONS, USING VIDEO, PHOTOGRAPHS, OR OTHER METHODS, AND PROVIDE COPIES OF DOCUMENTATION TO OWNER.
- CONTRACTOR SHALL CONFIRM SUBMITTAL REQUIREMENTS WITH OWNER PRIOR TO COMMENCEMENT OF WORK, INCLUDING BUT NOT LIMITED TO: SUBMITTAL PROCEDURES; PRODUCT DATA; SHOP DRAWINGS; SAMPLES; PRODUCT SCHEDULES; CONSTRUCTION SCHEDULES; PAYMENT APPLICATIONS; TESTING AND INSPECTION REPORTS; CLOSEOUT SUBMITTALS; AND OPERATION AND MAINTENANCE DATA.
- FOR OWNERS RECORD, CONTRACTOR SHALL SUBMIT COPIES OF PERMITS, LICENSES, CERTIFICATIONS, INSPECTION REPORTS, RECEIPTS FOR FEE PAYMENTS, AND SIMILAR DOCUMENTS ESTABLISHED FOR COMPLIANCE WITH STANDARDS AND REGULATIONS BEARING ON PERFORMANCE OF THE WORK.
- CONTRACTOR SHALL ENGAGE A QUALIFIED CONSTRUCTION MATERIALS TESTING FIRM TO PERFORM INSPECTIONS AND QUALITY CONTROL ACTIVITIES TO VERIFY WORK COMPLIES WITH REQUIREMENTS IN THESE DRAWINGS, AND OTHER ORDINARY CONSTRUCTION PRACTICES. RETESTING AND REINSPECTIONS ARE REQUIRED FOR CONSTRUCTION REPLACING WORK THAT FAILED TO COMPLY WITH QUALITY CONTROL REQUIREMENTS.
- CONTRACTOR SHALL CONTACT TENNESSEE 811 (ONE CALL) FOR NOTICE OF INTENT TO EXCAVATE OR DEMOLISH AT LEAST 3 DAYS, BUT NOT MORE THAN 10 DAYS, PRIOR TO EXCAVATION OR DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOCATION TICKET REQUIREMENTS. SHOULD A PERIOD OF TIME OF FIFTEEN (15) CALENDAR DAYS FROM THE ACTUAL DATE SPECIFIED TO START EXCAVATION OR DEMOLITION EXPIRE WITHOUT THE EXCAVATION OR DEMOLITION BEING COMPLETED, THEN THE PERSON RESPONSIBLE FOR SUCH EXCAVATION OR DEMOLITION SHALL SERVE AN ADDITIONAL WRITTEN, TELEPHONIC OR EMAIL NOTICE OF INTENT TO EXCAVATE OR DEMOLISH AT LEAST THREE (3) WORKING DAYS PRIOR TO THE EXPIRATION OF TIME ON THE FIFTEENTH CALENDAR DAY.
- INSTALLATION AND REMOVAL OF, AND USE CHARGES FOR, TEMPORARY FACILITIES AND UTILITY SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ARRANGE WITH UTILITY AUTHORITY, OWNER, AND EXISTING USERS FOR A TIME WHEN SERVICE CAN BE INTERRUPTED, IF NEEDED, TO MAKE CONNECTIONS FOR TEMPORARY UTILITY SERVICES. ALLOW OTHER ENTITIES TO USE TEMPORARY SERVICES AND FACILITIES, INCLUDING BUT NOT LIMITED TO, TESTING AGENCIES AND AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL PROVIDE TEMPORARY TOILETS, WASH FACILITIES, AND DRINKING WATER FOR USE OF CONSTRUCTION PERSONNEL. COMPLY WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION FOR TYPE, NUMBER, LOCATION, OPERATION, AND MAINTENANCE OF FACILITIES.
- THE CONTRACTOR SHALL MAINTAIN SURFACE AND SUBSURFACE DRAINAGE DURING CONSTRUCTION, AND PROVIDE ALL PUMPS, PIPES, AND DEWATERING DEVICES NEEDED.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN SHORING, BRACING, AND STRUCTURAL SUPPORTS AS REQUIRED TO PRESERVE STABILITY AND PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE DURING CONSTRUCTION.
- CONTRACTOR SHALL COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS FOR INSTALLING PRODUCTS IN APPLICATIONS INDICATED.
- CONTRACTOR SHALL USE PRODUCTS, CLEANERS, AND INSTALLATION MATERIALS THAT ARE NOT CONSIDERED HAZARDOUS.
- CONTRACTOR SHALL CLEAN PROJECT SITE AND WORK AREAS DAILY, INCLUDING COMMON AREAS. PROVIDE SUITABLE LITTER AND DEBRIS CONTAINERS ON-SITE, AND DISPOSE OF MATERIALS LAWFULLY.
- CONTRACTOR SHALL MAINTAIN ONE PAPER COPY SET OF MARKED-UP RECORD DRAWINGS, INCORPORATING NEW AND REVISED DRAWINGS AS MODIFICATIONS ARE ISSUED. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS TO OWNER AT THE COMPLETION OF WORK. MARK-UP DRAWINGS SHALL SHOW ACTUAL INSTALLATION WHERE INSTALLATION VARIES FROM THAT SHOWN ORIGINALLY. REQUIRE ENTITY WHO OBTAINED RECORD DATA TO PROVIDE INFORMATION FOR PREPARATION OF CORRESPONDING MARKED-UP RECORD DRAWINGS. IDENTIFY AND DATE EACH RECORD DRAWING; INCLUDE THE DESIGNATION "PROJECT RECORD DRAWING" IN A PROMINENT LOCATION.

Fast Lube

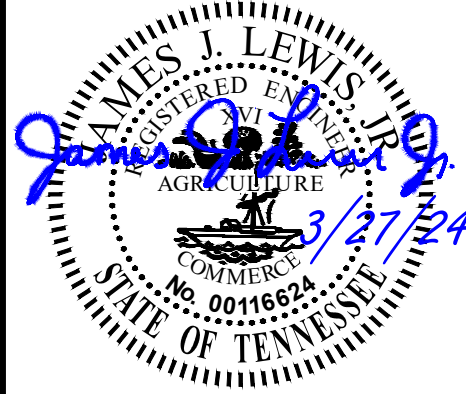
1405 LOVELL RD, KNOXVILLE, TN 37932

PARCEL ID: 118-016.01

KNOX COUNTY

Project

Engineer/Surveyor



| Revision        |   | Date      |   |
|-----------------|---|-----------|---|
| No.             | 0 | 3/27/24   | Submitted for permit review             |
|                 | 1 | 4/18/24   | SWQ structure; TTCDA and PC submittal   |
|                 | 2 | 5/18/24   | TTCDA, PC comments and Knox Co Comments |
|                 |   |           | ...                                     |
|                 |   |           | ...                                     |
|                 |   |           | ...                                     |
| Drawn By:       |   | MBB       |   |
| Checked By:     |   | J.J.L.    |   |
| Approved By:    |   | J.J.L.    |   |
| LT Project No.: |   | 2312068   |   |
| LT Drawing No.: |   | D(O)453-F |   |
| Horiz. Scale:   |   | N/A       |   |
| Date:           |   | 3/27/24   |   |

Sheet Title

Cover Sheet

Sheet Number

G-001



CERTIFICATE OF OWNERSHIP AND GENERAL DEDICATION.  
(I, WE), THE UNDERSIGNED OWNER(S) OF THE PROPERTY SHOWN HEREIN, HEREBY ADOPT THIS AS (MY, OUR) PLAN OF SUBDIVISION AND DEDICATE THE STREETS AS SHOWN TO THE PUBLIC USE FOREVER AND HEREBY CERTIFY THAT (I, AM, WE ARE) THE OWNER(S) IN FEE SIMPLE OF THE PROPERTY, AND AS PROPERTY OWNER(S) HAVE AN UNRESTRICTED RIGHT TO DEDICATE RIGHT-OF-WAY AND/OR GRANT EASEMENT AS SHOWN ON THIS PLAT.

OWNER(S)  
PRINTED NAME: LKM PROPERTIES LP  
SIGNATURE(S):  
DATE:

TAXES AND ASSESSMENTS  
THIS IS TO CERTIFY THAT ALL PROPERTY TAXES AND ASSESSMENTS DUE ON THIS PROPERTY HAVE BEEN PAID.

SIGNED: CITY TAX CLERK DATE  
SIGNED: KNOX COUNTY TRUSTEE DATE

ADDRESSING DEPARTMENT CERTIFICATION  
(I, WE), THE UNDERSIGNED, HEREBY CERTIFY THAT THE SUBDIVISION NAME AND ALL STREET NAMES CONFORM TO THE KNOXVILLE/KNOX COUNTY STREET NAMING AND ADDRESSING ORDINANCE, THE ADMINISTRATIVE RULES OF THE PLANNING COMMISSION, AND THESE REGULATIONS.

SIGNED:  
DATE:

CERTIFICATION OF APPROVAL OF PUBLIC WATER SYSTEM - MINOR SUBDIVISION  
THIS IS TO CERTIFY THAT THE SUBDIVISION SHOWN HEREON IS APPROVED SUBJECT TO THE INSTALLATION OF A PUBLIC WATER SYSTEM, AND THAT SUCH INSTALLATION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO VERIFY WITH THE UTILITY PROVIDER THE AVAILABILITY OF WATER SYSTEM IN THE VICINITY OF THE LOT(S) AND TO PAY FOR THE INSTALLATION OF THE REQUIRED CONNECTIONS.

UTILITY PROVIDER  
AUTHORIZED SIGNATURE FOR UTILITY DATE

OWNER CERTIFICATION FOR PUBLIC SEWER AND WATER SERVICE - MINOR SUBDIVISIONS  
(I, WE), THE UNDERSIGNED OWNER(S) OF THE PROPERTY SHOWN HEREIN, UNDERSTAND IT IS OUR RESPONSIBILITY TO VERIFY WITH THE UTILITY PROVIDER THE AVAILABILITY OF PUBLIC SEWER AND WATER SYSTEMS IN THE VICINITY OF THE LOT(S) AND TO PAY FOR THE INSTALLATION OF THE REQUIRED CONNECTIONS.

OWNER(S) PRINTED NAME: LKM PROPERTIES LP  
SIGNATURE(S):  
DATE:

ZONING  
ZONING SHOWN ON OFFICIAL MAP  
BY: DATE:

KNOX COUNTY DEPARTMENT OF ENGINEERING AND PUBLIC WORKS.  
THE KNOX COUNTY DEPARTMENT OF ENGINEERING AND PUBLIC WORKS HEREBY APPROVES THIS PLAT ON THIS DAY OF 20.  
ENGINEERING DIRECTOR

CERTIFICATION OF APPROVAL OF PUBLIC SANITARY SEWER SYSTEM - MINOR SUBDIVISIONS  
THIS IS TO CERTIFY THAT THE SUBDIVISION SHOWN HEREON IS APPROVED SUBJECT TO THE INSTALLATION OF PUBLIC SANITARY SEWERS AND TREATMENT FACILITIES, AND THAT SUCH INSTALLATION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO VERIFY WITH THE UTILITY PROVIDER THE AVAILABILITY OF SANITARY SEWERS IN THE VICINITY OF THE LOT(S) AND TO PAY FOR THE INSTALLATION OF THE REQUIRED CONNECTIONS.

UTILITY PROVIDER  
AUTHORIZED SIGNATURE FOR UTILITY DATE

CERTIFICATION OF FINAL PLAT - ALL INDICATED MARKERS, MONUMENTS AND BENCHMARKS TO BE SET WHEN CONSTRUCTION IS COMPLETED.

I HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR LICENSED TO PRACTICE SURVEYING UNDER THE LAWS OF THE STATE OF TENNESSEE. I FURTHER CERTIFY THAT THIS PLAT AND ACCOMPANYING DRAWINGS, DOCUMENTS, AND STATEMENTS CONFORM TO THE BEST OF MY KNOWLEDGE, TO ALL APPLICABLE PROVISIONS OF THE KNOXVILLE-KNOX COUNTY SUBDIVISION REGULATIONS EXCEPT AS HAS BEEN ITEMIZED, DESCRIBED AND JUSTIFIED IN A REPORT FILED WITH THE PLANNING COMMISSION, OR FOR VARIANCES AND WAIVERS WHICH HAVE BEEN APPROVED AS IDENTIFIED ON THE FINAL PLAT. THE RISK OR OTHER SECURITY THAT IS POSTED TO GUARANTEE THE COMPLETION OF STREETS AND RELATED IMPROVEMENTS SHALL ALSO GUARANTEE THE INSTALLATION OF THE INDICATED PERMANENT REFERENCE MARKERS AND MONUMENTS, BENCHMARKS AND PROPERTY MONUMENTS UPON COMPLETION OF THE SUBDIVISION.

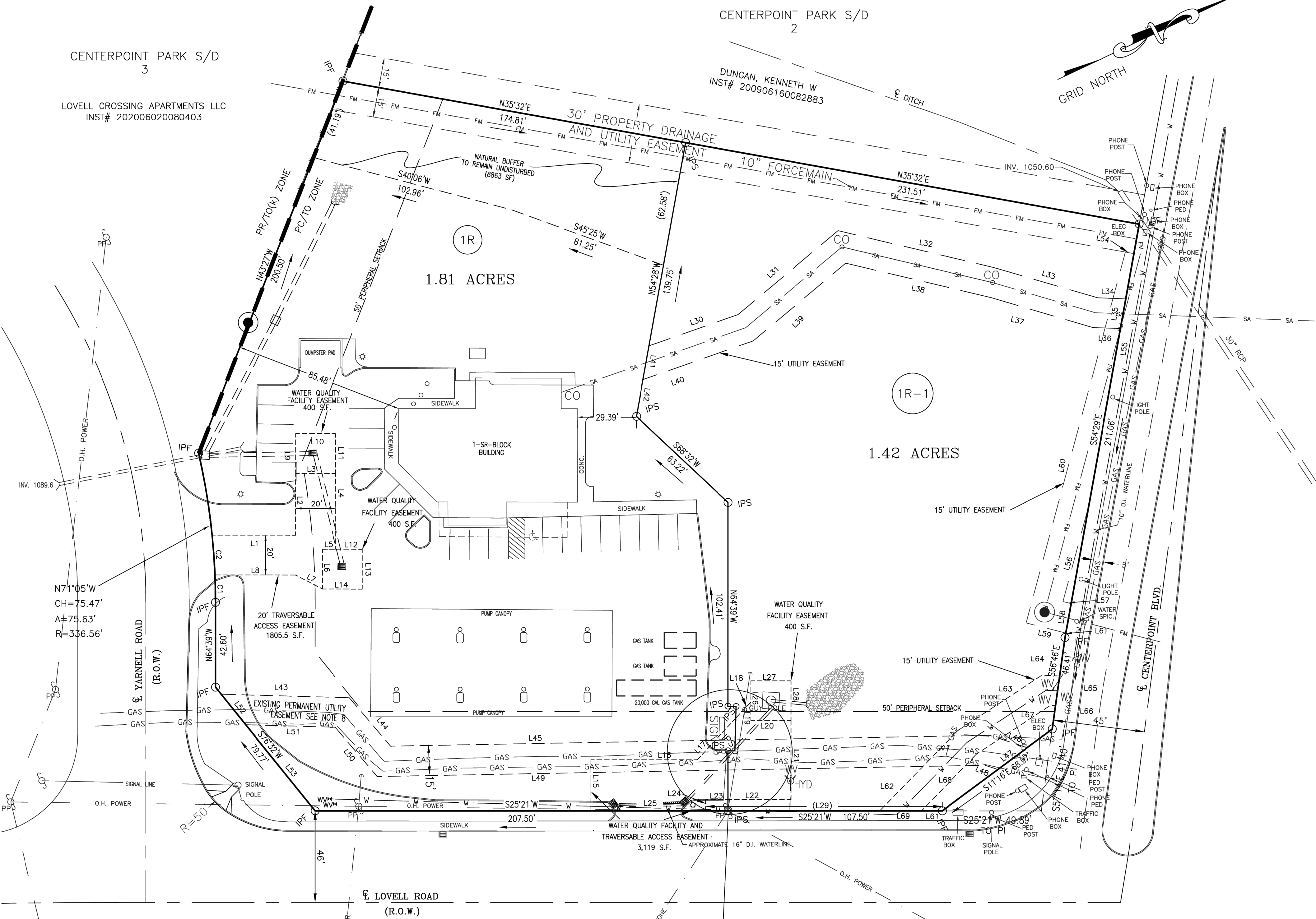
REGISTERED LAND SURVEYOR  
TENNESSEE LICENSE NO. DATE:

PLANNING STAFF CERTIFICATION OF APPROVAL FOR RECORDING - FINAL PLAT  
THIS IS TO CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION REGULATIONS OF KNOXVILLE AND KNOX COUNTY AND WITH EXISTING OFFICIAL PLANS, WITH THE EXCEPTION OF ANY VARIANCES AND WAIVERS NOTED ON THIS PLAT, AND THAT THE RECORD PLAT IS HEREBY APPROVED FOR RECORDING IN THE OFFICE OF THE KNOX COUNTY REGISTER OF DEEDS. PURSUANT TO SECTION 13-3-405 OF TENNESSEE CODE, ANNOTATED, THE APPROVAL OF THIS PLAT BY THE PLANNING COMMISSION SHALL NOT BE DEEMED TO CONSTITUTE OR EFFECT AN ACCEPTANCE BY THE CITY OF KNOXVILLE OR KNOX COUNTY OF THE DEDICATION OF ANY STREET OR OTHER GROUND UPON THE PLAT.

SIGNED:  
DATE:

CENTERPOINT PARK S/D  
3

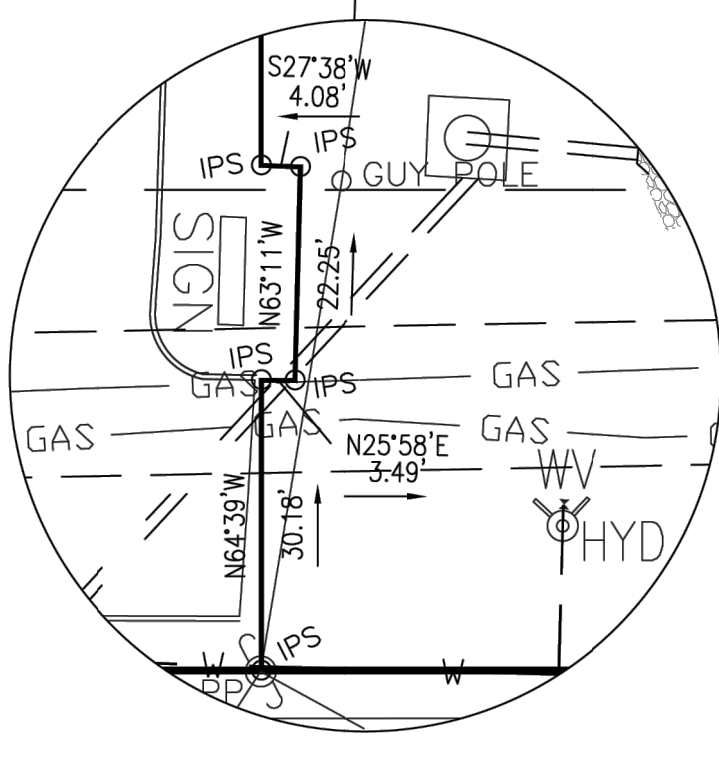
LOVELL CROSSING APARTMENTS LLC  
INST# 202006020080403



| LINE | BEARING    | DISTANCE |
|------|------------|----------|
| L1   | N 25°28' E | 41.91'   |
| L2   | N 64°35' W | 31.07'   |
| L3   | N 25°25' E | 20.00'   |
| L4   | S 64°35' E | 38.08'   |
| L5   | S 25°25' W | 6.46'    |
| L6   | S 64°35' E | 20.00'   |
| L7   | S 52°47' W | 15.24'   |
| L8   | S 25°25' W | 40.47'   |
| L9   | N 64°35' W | 20.00'   |
| L10  | N 25°25' E | 20.00'   |
| L11  | S 64°35' E | 20.00'   |
| L12  | N 25°25' E | 13.54'   |
| L13  | S 64°35' E | 20.00'   |
| L14  | S 25°25' W | 20.00'   |
| L15  | N 64°39' W | 25.87'   |
| L16  | N 25°21' E | 53.39'   |
| L17  | N 21°53' W | 28.56'   |
| L18  | N 21°53' W | 11.10'   |
| L19  | S 64°39' E | 9.38'    |
| L20  | N 25°21' E | 20.00'   |
| L21  | S 64°39' E | 39.73'   |
| L22  | S 25°21' W | 31.45'   |
| L23  | S 25°21' W | 11.31'   |
| L24  | S 64°39' E | 5.67'    |
| L25  | S 25°21' W | 57.56'   |
| L26  | N 64°39' W | 20.00'   |
| L27  | N 25°21' E | 20.00'   |
| L28  | S 64°39' E | 20.00'   |
| L29  | S 25°21' W | 118.82'  |
| L30  | N 06°01' E | 47.43'   |

| LINE | BEARING    | DISTANCE |
|------|------------|----------|
| L31  | N 14°41' W | 65.54'   |
| L32  | N 38°39' E | 80.64'   |
| L33  | N 41°38' E | 54.09'   |
| L34  | N 27°31' E | 14.18'   |
| L35  | S 54°29' E | 15.15'   |
| L36  | S 27°31' W | 13.93'   |
| L37  | S 41°46' W | 53.29'   |
| L38  | S 38°39' W | 74.98'   |
| L39  | S 14°41' E | 60.75'   |
| L40  | S 06°01' W | 58.66'   |
| L41  | N 54°28' W | 17.24'   |
| L42  | S 54°28' E | 18.77'   |
| L43  | N 26°55' E | 64.42'   |
| L44  | N 74°58' E | 31.94'   |
| L45  | N 24°19' E | 301.02'  |
| L46  | N 43°42' E | 19.84'   |
| L47  | S 11°16' E | 18.32'   |
| L48  | S 43°42' W | 6.76'    |
| L49  | S 24°17' W | 305.43'  |
| L50  | S 74°58' W | 32.55'   |
| L51  | S 26°55' W | 44.98'   |
| L52  | S 76°32' W | 19.69'   |
| L53  | N 76°32' E | 55.54'   |
| L54  | N 35°32' E | 4.36'    |
| L55  | S 54°29' E | 128.12'  |
| L56  | S 49°42' E | 50.42'   |
| L57  | N 39°45' E | 4.21'    |
| L58  | S 54°29' E | 15.04'   |
| L59  | S 39°45' W | 20.47'   |
| L60  | N 49°42' W | 192.87'  |

| LINE | BEARING    | DISTANCE |
|------|------------|----------|
| L61  | S 54°29' E | 2.33'    |



| CURVE | CHORD BEARING | CHORD LENGTH | ARC LENGTH | RADIUS  |
|-------|---------------|--------------|------------|---------|
| C1    | N 65°50' W    | 13.80'       | 13.80'     | 336.56' |
| C2    | N 68°43' W    | 20.05'       | 20.05'     | 336.56' |

REFERENCE DEED:  
INSTR#201103180055496

REFERENCE PLAT:  
MAP CABINET N, SLIDE 329D

DEVELOPER/OWNER:  
LKM PROPERTIES LP  
PO BOX 650  
POWELL TN 37849  
865-938-2042

BATSON, HIMES, NORVELL & POE  
REGISTERED ENGINEERS & LAND SURVEYORS  
4334 PAPERMILL DRIVE  
KNOXVILLE, TENNESSEE 37909  
PHONE (865) 588-6472  
FAX (865) 588-6473

## FINAL PLAT FOR RESUBDIVISION OF LOT 1 CENTERPOINT PARK

CLT MAP 118, PARCEL 16.01  
DISTRICT-#6, KNOX COUNTY, TN.  
SCALE: 1"=60' DATE: 1/3/24

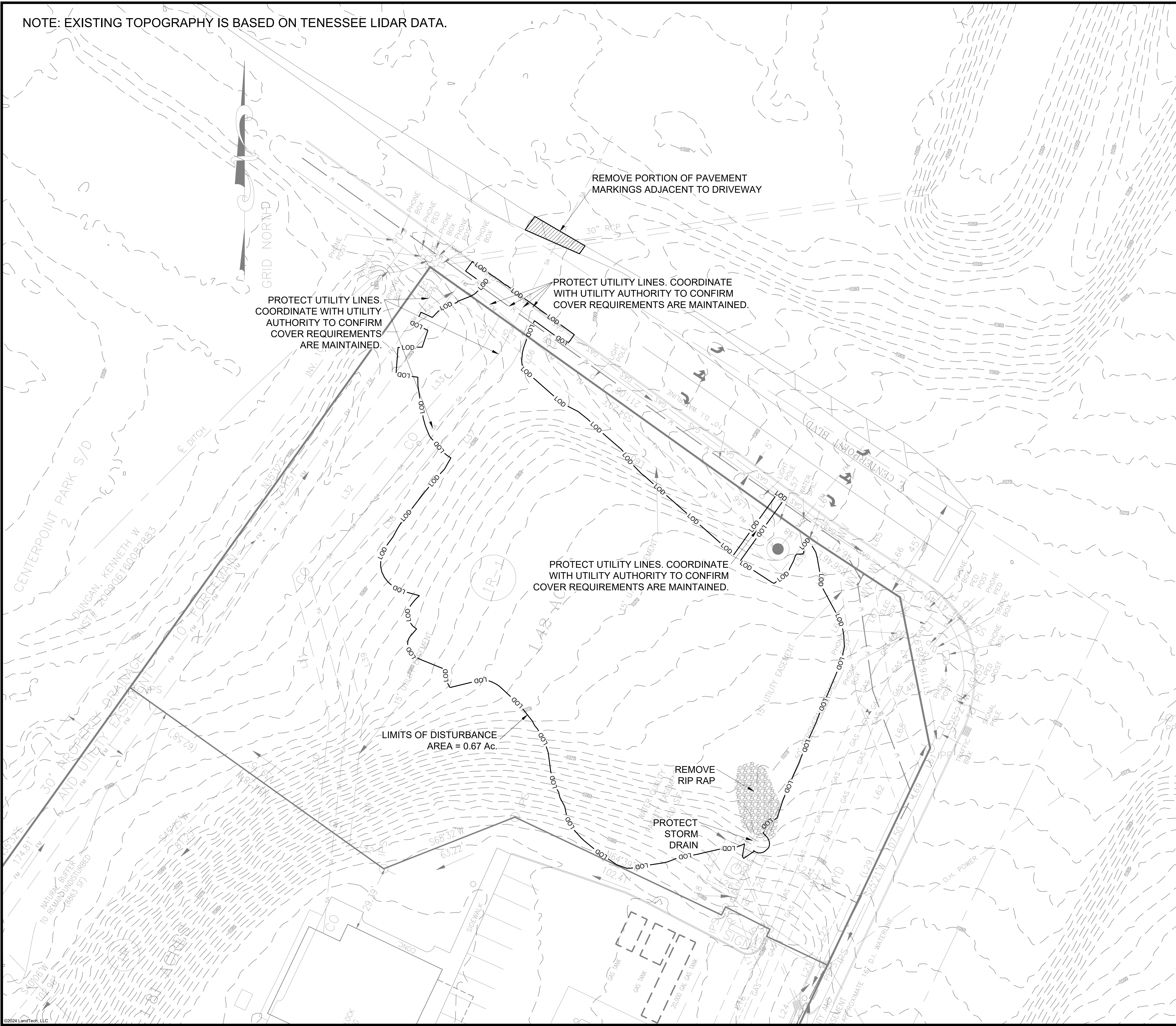
60 0 60 120  
SCALE IN FEET



23040-FP2



NOTE: EXISTING TOPOGRAPHY IS BASED ON TENNESSEE LIDAR DATA.



General Demolition Notes

1. PRIOR TO STARTING DEMOLITION ACTIVITIES, CONTRACTOR SHALL ACQUIRE DEMOLITION PERMIT(S) FROM THE LOCAL, STATE, OR FEDERAL JURISDICTIONS, AS APPLICABLE.
2. DEMOLITION SHALL BE IN ACCORDANCE WITH LOCAL REQUIREMENTS, TDOTSS SECTION 202 - REMOVAL OF STRUCTURES AND OBSTRUCTIONS, AS APPLICABLE.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE PROPERTY OWNER TO VERIFY THAT AN ASBESTOS SURVEY HAS BEEN COMPLETED PRIOR TO THE REMOVAL OF ANY BUILDINGS OR ASBESTOS-CONTAINING MATERIALS (ACM).
4. ACM ABATEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE COMPLETED PRIOR TO ANY DEMOLITION ACTIVITIES. ABATEMENT SHOULD BE ACCOMPLISHED IN ACCORDANCE WITH TDOT SP202ACM SPECIAL PROVISIONS REGARDING REMOVAL OF ACM. STATE OF TENNESSEE ASBESTOS ACCREDITATION REQUIREMENTS (TCA 1200-01-20) MANDATE THAT ACM ABATEMENT WORK BE PERFORMED BY ACCREDITED ABATEMENT WORKERS AND SUPERVISORS.
5. THE CONTRACTOR SHALL COORDINATE WITH LOCAL, STATE, OR FEDERAL JURISDICTIONS PRIOR TO ANY ACM ABATEMENT OR DEMOLITION.
6. CONTRACTOR SHALL CONTACT TENNESSEE 811 (ONE CALL) FOR NOTICE OF INTENT TO EXCAVATE OR DEMOLISH AT LEAST 3 DAYS, BUT NOT MORE THAN 10 DAYS, PRIOR TO EXCAVATION OR DEMOLITION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOCATION TICKET REQUIREMENTS, SHOULD A PERIOD OF TIME OF FIFTEEN (15) CALENDAR DAYS FROM THE ACTUAL DATE SPECIFIED TO START EXCAVATION OR DEMOLITION EXPIRE WITHOUT THE EXCAVATION OR DEMOLITION BEING COMPLETED, THEN THE PERSON RESPONSIBLE FOR SUCH EXCAVATION OR DEMOLITION SHALL SERVE AN ADDITIONAL WRITTEN, TELEPHONIC OR EMAIL NOTICE OF INTENT TO EXCAVATE OR DEMOLISH AT LEAST THREE (3) WORKING DAYS PRIOR TO THE EXPIRATION OF TIME ON THE FIFTEENTH CALENDAR DAY.
7. PROTECT SITE FEATURES FROM DAMAGE DURING DEMOLITION ACTIVITIES THAT ARE TO REMAIN IN-PLACE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING, AT HIS EXPENSE, ANY FEATURE DAMAGED DURING CONSTRUCTION. ALL DISTURBED AREAS SHALL BE RETURNED TO LIKE OR BETTER CONDITION WHETHER THEY ARE GRASSED, LANDSCAPED, GRAVELED, ASPHALT, CONCRETE OR OTHER. REPAIRS SHALL BE MADE USING MATCHING MATERIALS.
8. CONTRACTOR SHALL MARK OR FLAG TREES DESIGNATED FOR REMOVAL PRIOR TO CONSTRUCTION. MARKED TREES SHALL BE SUBJECT TO REVIEW AND APPROVAL BY PROPERTY OWNER.
9. CONTRACTOR SHALL PROTECT EXISTING PAVED SURFACES THAT ARE TO REMAIN IN PLACE. ANY DAMAGED CONCRETE OR ASPHALT PAVEMENT SHALL BE SAW CUT TO CREATE A STRAIGHT EDGE AND REPAIRED TO MATCH EXISTING. TRACKED EQUIPMENT WILL NOT BE ALLOWED ON PAVED SURFACES. IF IT BECOMES NECESSARY TO WORK ON EXISTING PAVED SURFACES, THEY SHALL BE PROTECTED FROM DAMAGE USING TIMBERS, PLATES, ETC.
10. PERFORM SITE DEMOLITION WITHIN LIMITS OF DISTURBANCE (LOD) WITH PERIMETER EROSION CONTROL MEASURES IN PLACE, AS SHOWN ON THE PLANS, PRIOR TO ANY DEMOLITION OR LAND DISTURBANCE ACTIVITIES.
11. EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH TDEC EROSION AND SEDIMENT CONTROL HANDBOOK AND LOCAL REQUIREMENTS.
12. UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES THE PROPERTY OF THE CONTRACTOR. CLEAN UP AND REMOVE DEBRIS RESULTING FROM DEMOLITION ACTIVITIES CONTINUOUSLY WITH THE PROGRESS OF THE WORK. DEBRIS SHALL BE REMOVED FROM THE SITE TO AN AUTHORIZED LOCATION IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. BURNING DEBRIS ON SITE WILL NOT BE PERMITTED.
13. LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITIES SERVING BUILDINGS AND STRUCTURES TO BE DEMOLISHED, OR UTILITIES IN CONFLICT WITH CONSTRUCTION. COORDINATE ALL UTILITY DEMOLITION WITH THE APPLICABLE UTILITY AUTHORITY AND PROPERTY OWNER NOT LESS THAN TWO (2) DAYS PRIOR TO UTILITY DEMOLITION AND INTERRUPTIONS.
14. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE DEMOLITION OPERATION BEGAN.
15. DO NOT CLOSE OR OBSTRUCT STREETS, DRIVEWAYS, WALKS, WALKWAYS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE OWNER AND AUTHORITIES HAVING JURISDICTION.
16. THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.
17. BELOW-GRADE AREAS IMPACTED BY DEMOLITION ACTIVITIES SHALL BE FILLED AND COMPACTED WITH SATISFACTORY SOIL MATERIALS.
18. UNIFORMLY ROUGH GRADE AREAS OF DEMOLISHED CONSTRUCTION TO A SMOOTH SURFACE, FREE OF IRREGULAR SURFACE CHANGES. PROVIDE SMOOTH TRANSITION BETWEEN ADJACENT EXISTING GRADES.
19. PROTECT PROPERTY CORNERS, BENCHMARKS, AND SURVEY CONTROL POINTS FROM DISTURBANCE DURING CONSTRUCTION. ANY DISTURBED POINTS SHALL BE REPLACED BY A LAND SURVEYOR LICENSED TO PRACTICE IN THE STATE OF TENNESSEE AT CONTRACTORS EXPENSE.



Fast Lube

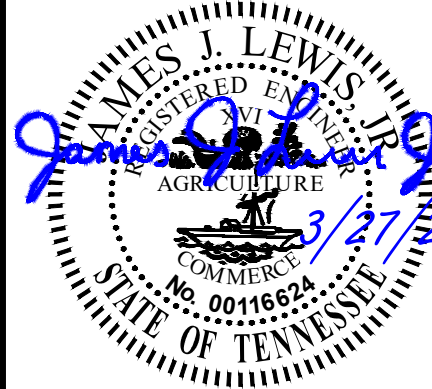
1405 LOVELL RD, KNOXVILLE, TN 37932

PARCEL ID: 118-016.01

KNOX COUNTY

Project

Engineer/Surveyor



| Revision |   | Date    |      |
|----------|---|---------|------|
| No.      | Revision                                | No.     | Date |
| 0        | Submitted for permit review             | 3/27/24 |      |
| 1        | SWQ structure; TTODA and PC submittal   | 4/18/24 |      |
| 2        | TTODA, PC comments and Knox Co Comments | 5/18/24 |      |
|          |   |         |      |
|          |   |         |      |
|          |   |         |      |

|                 |          |
|-----------------|----------|
| Drawn By:       | MBB      |
| Checked By:     | JJL      |
| Approved By:    | JJL      |
| LT Project No.: | 2312068  |
| LT Drawing No.: | D/OH53-F |
| Horiz. Scale:   | 1" = 20' |
| Date:           | 3/27/24  |

Sheet Title

Demolition Plan

Sheet Number

C-101



[illegible]

# Sheet General Notes

1. AS A MINIMUM, ALL EROSION PREVENTION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE TDEC EROSION & SEDIMENT CONTROL HANDBOOK, AND AS REQUIRED BY LOCAL, STATE AND FEDERAL LAWS.
2. A COPY OF THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES. THIS COPY SHALL BE MADE AVAILABLE TO TDEC & THE LOCAL GOVERNMENT UPON REQUEST.
3. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN ANY AREA NOT ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION PREVENTION AND SEDIMENT CONTROL PLAN TO TDEC & THE LOCAL GOVERNMENT FOR REVIEW AND APPROVAL.
4. ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED IN PLACE PRIOR TO THE FIRST PEEK OF EARNING AND GRADING. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL EROSION PREVENTION MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY TDEC & THE LOCAL GOVERNMENT.
5. THE LOCAL GOVERNMENT & TDEC MUST BE NOTIFIED PRIOR TO DEWATERING OPERATIONS. WATER MUST BE PUMPED THROUGH AN APPROVED FILTERING DEVICE. THE LOCAL GOVERNMENT & TDEC MAY SUSPEND DEWATERING OPERATIONS IF POLLUTION IS OBSERVED.
6. THE CONTRACTOR SHALL INSPECT ALL EROSION PREVENTION AND SEDIMENT CONTROL DEVICES AT LEAST TWICE A WEEK AND AT LEAST ONCE A DAY DURING RAINFALL EVENTS. THE CONTRACTOR SHALL REPORT ANY REPAIRS OR MAINTENANCE IMMEDIATELY IN ORDER TO ENSURE EFFECTIVE EROSION AND SEDIMENT CONTROL.
7. THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL INSPECTIONS AND MAINTENANCE ACTIVITIES AT THE PROJECT SITE. THIS RECORD SHALL BE MADE AVAILABLE TO TDEC & THE LOCAL GOVERNMENT UPON REQUEST.
8. TEMPORARY SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY SUSPENDED DUE TO WEATHER CONDITIONS. PERMANENT SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETED AND/OR CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. SEED AREAS THAT SHOW SIGNS OF EROSION.
9. A PRE-CONSTRUCTION CONFERENCE WITH THE LOCAL GOVERNMENT MAY BE REQUIRED PRIOR TO ISSUANCE OF A SITE DEVELOPMENT PERMIT.
10. AFTER PROPER INSTALLATION OF EROSION PREVENTION AND SEDIMENT CONTROL MEASURES HAVE BEEN VERIFIED BY THE APPROPRIATE DESIGN PROFESSIONAL, THE SITE DEVELOPMENT PERMIT MAY BE ISSUED BY THE LOCAL GOVERNMENT.
11. REFER TO ADDITIONAL REQUIREMENTS IN THE EROSION PREVENTION AND SEDIMENT CONTROL SPECIFICATIONS, AND STORMWATER POLLUTION PREVENTION PLANS (SWPPP), AS APPLICABLE.

- # Sequence of Construction
1. BEFORE INSTALLING EROSION PREVENTION AND SEDIMENT CONTROL (EPSC) MEASURES, THE CONTRACTOR SHALL CONDUCT A VISUAL INSPECTION OF THE PROJECT AREA TO DETERMINE IF ANY OTHER EARTHWORK OCCURS, EXCEPT AS SUCH WORK MAY BE NECESSARY TO INSTALL EPSC MEASURES.
  2. PERFORM CLEARING AND GRUBBING NOT MORE THAN 14 DAYS PRIOR TO GRADING OR EARTH MOVING.
  3. FLAG AND MARK THE LIMITS OF DISTURBANCE (LOD), CONSTRUCTION BUFFER ZONES, AND CONSTRUCTION STAGING AND STORAGE AREAS.
  4. INSTALL STABILIZED CONSTRUCTION EXIT.
  5. CLEAR A PATH FOR THE INSTALLATION OF SILT FENCE PERIMETER EPSC MEASURE. INSTALL SILT FENCE. EVALUATE EFFECTIVENESS AND ADJUST AS NEEDED.
  6. REMOVE AND STORE TOPSOIL. PROVIDE TEMPORARY SEEDING OR PERIMETER SILT FENCE AT SOIL STOCKPILES.
  7. STABILIZE DISTURBED AREAS WITHIN 14 DAYS OF COMPLETING ANY STAGE AND/OR PHASE OF ACTIVITY.
  8. REMOVE TEMPORARY EROSION CONTROLS AND ACCUMULATED SEDIMENT FROM AREAS THAT HAVE ESTABLISHED AT LEAST 70 PERCENT UNIFORM PERMANENT VEGETATIVE COVER.
  9. TDEC AND THE LOCAL GOVERNMENT MAY CONDUCT ROUTINE INSPECTIONS OF EPSC MEASURES THROUGHOUT THE PERIOD OF CONSTRUCTION, AND INVESTIGATE COMPLAINTS OF EROSION OR SEDIMENTATION.

| Sheet Keynotes |              |                   |
|----------------|--------------|-------------------|
| Keynote        | Detail Sheet | Description       |
| CE             | C-404        | Construction Exit |
| OP             | C-405        | Outlet Protection |
| SF             | C-404        | Silt Fence        |

| Circumstance              | Percentage of respondents (%) |
|---------------------------|-------------------------------|
| (a) self-defense          | 95                            |
| (b) defense of others     | 85                            |
| (c) defense of property   | 80                            |
| (d) defense of a business | 75                            |
| (e) defense of a country  | 65                            |

# Legend

|           |                       |
|-----------|-----------------------|
| —— LOD —— | LIMITS OF DISTURBANCE |
| —— -- ——  | SOIL LIMITS           |
| —— SF ——  | SILT FENCE            |

- 

Engineer/Surveyor

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C

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CIVIL ENGINEERING  
& LAND SURVEYING  
100 McCaney Road, Knoxville, TN 37918  
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Project

Fast Lube

1405 LOVELL RD. KNOXVILLE, TN 37932  
PARCEL ID: 118-016.01  
KNOX COUNTY

PARCEL ID: 118-016.01

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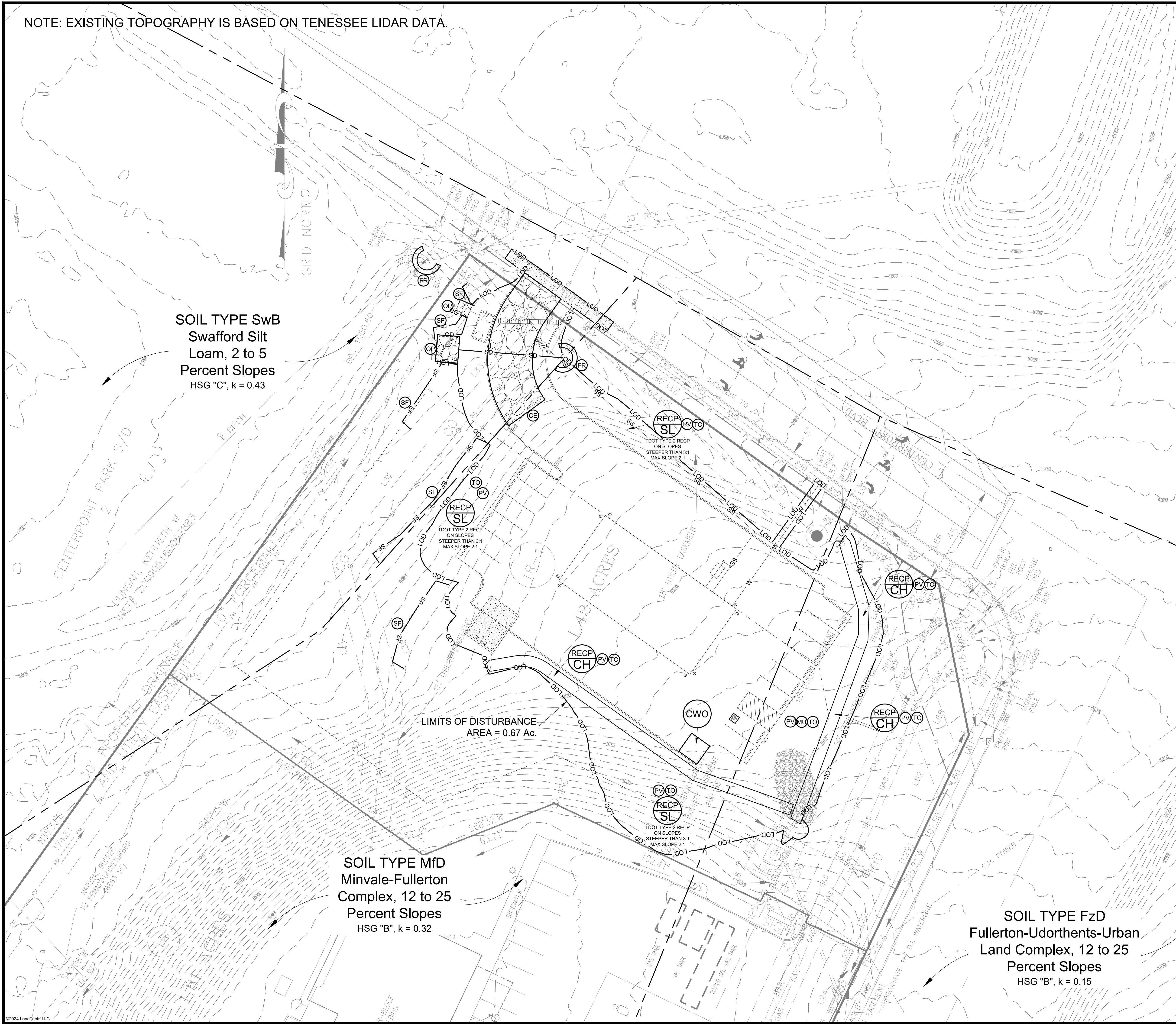


| No.             | Date    | Revision                                |
|-----------------|---------|---|
| 0               | 3/27/24 | Submitted for permit review             |
| 1               | 4/18/24 | SWG structure: TTCDA and PC submittal   |
| 2               | 5/18/24 | TTCDA, PC comments and Knox Co Comments |
|                 | !       | !                                       |
|                 | !       | !                                       |
|                 | !       | !                                       |
| Drawn By:       |         | MBB                                     |
| Checked By:     |         | JJL                                     |
| Approved By:    |         | JJL                                     |
| LT Project No.: |         | 2312068                                 |
| LT Drawing No.: |         | D(O)453-F                               |
| Horiz. Scale:   |         | Date:                                   |
| 1" = 20'        |         | 3/27/24                                 |

|   |                                  |
|---|----------------------------------|
| <p>Sheet Title</p> <p>Erosion<br/>Control Plan-<br/>Stage 1</p> | <p>Sheet Number</p> <p>C-102</p> |
|---|----------------------------------|



NOTE: EXISTING TOPOGRAPHY IS BASED ON TENNESSEE LIDAR DATA.



SOIL TYPE SwB  
Swofford Silt  
Loam, 2 to 5  
Percent Slopes  
HSG "C", k = 0.43

SOIL TYPE MfD  
Minvale-Fullerton  
Complex, 12 to 25  
Percent Slopes  
HSG "B", k = 0.32

SOIL TYPE FzD  
Fullerton-Udorthents-Urban  
Land Complex, 12 to 25  
Percent Slopes  
HSG "B", k = 0.15

Sheet General Notes

1. AS A MINIMUM, ALL EROSION PREVENTION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE TDEC EROSION & SEDIMENT CONTROL HANDBOOK, AND AS REQUIRED BY LOCAL, STATE AND FEDERAL LAWS.
2. A COPY OF THE APPROVED EROSION PREVENTION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES. THIS COPY SHALL BE MADE AVAILABLE TO TDEC & THE LOCAL GOVERNMENT UPON REQUEST.
3. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN ANY AREA NOT ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION PREVENTION AND SEDIMENT CONTROL PLAN TO TDEC & THE LOCAL GOVERNMENT FOR REVIEW AND APPROVAL.
4. ALL EROSION PREVENTION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING AND GRADING. THE CONTRACTOR IS RESPONSIBLE FOR ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY TDEC & THE LOCAL GOVERNMENT.
5. THE LOCAL GOVERNMENT & TDEC MUST BE NOTIFIED PRIOR TO DEWATERING OPERATIONS. WATER MUST BE PUMPED THROUGH AN APPROVED FILTERING DEVICE. THE LOCAL GOVERNMENT & TDEC MAY SUSPEND DEWATERING OPERATIONS IF POLLUTION IS OBSERVED.
6. THE CONTRACTOR SHALL INSPECT ALL EROSION PREVENTION AND SEDIMENT CONTROL DEVICES AT LEAST TWICE A WEEK AND AT LEAST ONCE A DAY DURING RAINFALL EVENTS. THE CONTRACTOR SHALL PERFORM ANY REPAIRS OR MAINTENANCE IMMEDIATELY IN ORDER TO ENSURE EFFECTIVE EROSION AND SEDIMENT CONTROL.
7. THE CONTRACTOR SHALL MAINTAIN A RECORD OF ALL INSPECTIONS AND MAINTENANCE ACTIVITIES AT THE PROJECT SITE. THIS RECORD SHALL BE MADE AVAILABLE TO TDEC & THE LOCAL GOVERNMENT UPON REQUEST.
8. TEMPORARY SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE TEMPORARILY HALTED FOR OVER 14 DAYS, AND ON SOIL STOCKPILES. PERMANENT SEEDING IS REQUIRED WHEN GRADING OPERATIONS ARE COMPLETED AND/OR CONSTRUCTION OPERATIONS WILL NOT IMPACT THE DISTURBED AREA. SEED AREAS THAT SHOW SIGNS OF EROSION.
9. A PRE-CONSTRUCTION CONFERENCE WITH THE LOCAL GOVERNMENT MAY BE REQUIRED PRIOR TO ISSUANCE OF A SITE DEVELOPMENT PERMIT.
10. AFTER PROPER INSTALLATION OF EROSION PREVENTION AND SEDIMENT CONTROL MEASURES HAVE BEEN VERIFIED BY THE APPROPRIATE DESIGN PROFESSIONAL, THE SITE DEVELOPMENT PERMIT MAY BE ISSUED BY THE LOCAL GOVERNMENT.
11. REFER TO ADDITIONAL REQUIREMENTS IN THE EROSION PREVENTION AND SEDIMENT CONTROL PLANS, DETAILS, SPECIFICATIONS, AND STORMWATER POLLUTION PREVENTION PLANS (SWPPP), AS APPLICABLE.

Sequence of Construction

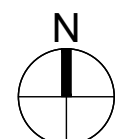
1. PROCEED WITH SITE GRADING AND CONSTRUCTION WORK. INSTALLING EPSC MEASURES AT THE EARLIEST TIME POSSIBLE DURING GRADING ACTIVITIES. ESTABLISH EITHER TEMPORARY OR PERMANENT VEGETATION ON ALL DISTURBED AREAS WITHIN 14 DAYS OF COMPLETING GRADING WITHIN THE DISTURBED AREA. PROVIDE TEMPORARY SEEDING ON TEMPORARY SOIL STOCKPILES.
2. INSTALL STORM DRAINS, CULVERTS AND UTILITIES.
3. INSTALL PIPE INLET AND OUTLET PROTECTION ONCE STRUCTURES ARE IN PLACE AND CAPABLE OF INTERCEPTING FLOW.
4. PERFORM FINAL GRADING AND INSTALL BASE STONE.
5. COMPLETE FINAL STABILIZATION (TOPSOIL, SEEDING, MULCH, EROSION CONTROL BLANKETS, SOD, ETC.)
6. REMOVE TEMPORARY EROSION CONTROLS AND ACCUMULATED SEDIMENT FROM AREAS THAT HAVE ESTABLISHED AT LEAST 70 PERCENT UNIFORM PERMANENT VEGETATIVE COVER.
7. RE-STABILIZE AREAS DISTURBED BY REMOVAL ACTIVITIES.
8. TDEC AND THE LOCAL GOVERNMENT MAY CONDUCT ROUTINE INSPECTIONS OF EPSC MEASURES THROUGHOUT THE PERIOD OF CONSTRUCTION, AND INVESTIGATE COMPLAINTS OF EROSION OR SEDIMENTATION.
9. A FINAL AS-BUILT INSPECTION AND REVIEW WILL BE PERFORMED AT THE PROJECT SITE PRIOR TO RELEASE OR REDUCTION OF A CONSTRUCTION BOND.

Sheet Keynotes

| Keynote | Detail Sheet | Description   |
|---------|--------------|---|
| RECP-SL | C-404        | TDOT Rolled Erosion Control Products - Slope Installation (EC-STR-34) |
| RECP-CH | C-406        | Rolled Erosion Control Products (RECP) - Channel                      |
| CE      | C-404        | Construction Exit   |
| CWO     | C-405        | Concrete Washout  |
| FR      | C-404        | Inlet Protection Filter Ring  |
| MU      | C-401        | Stabilization With Straw Mulch  |
| OP      | C-405        | Outlet Protection   |
| PV      | C-401        | Permanent Vegetation  |
| SF      | C-404        | Silt Fence  |
| TO      | C-401        | Topsoiling  |

Legend

- LOD — LIMITS OF DISTURBANCE
- - - SOIL LIMITS
- SF — SILT FENCE



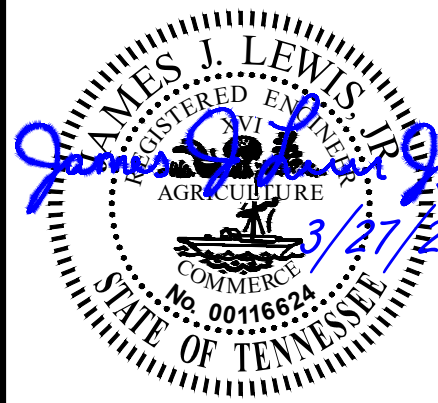
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PARCEL ID: 118-016.01  
KNOX COUNTY

Project



Engineer/Surveyor



Revision

| No. | Date    | Submitted for permit review | SWQ structure, TTCCA and PC submittal | TTCCA, PC comments and Knox Co Comments |
|-----|---------|-----------------------------|---------------------------------------|---|
| 0   | 3/27/24 |                             |                                       |   |
| 1   | 4/18/24 |                             |                                       |   |
| 2   | 5/18/24 |                             |                                       |   |

|                 |          |
|-----------------|----------|
| Drawn By:       | MBB      |
| Checked By:     | JJL      |
| Approved By:    | JJL      |
| LT Project No.: | 2312068  |
| LT Drawing No.: | D/O453-F |
| Horiz. Scale:   | 1" = 20' |
| Date:           | 3/27/24  |

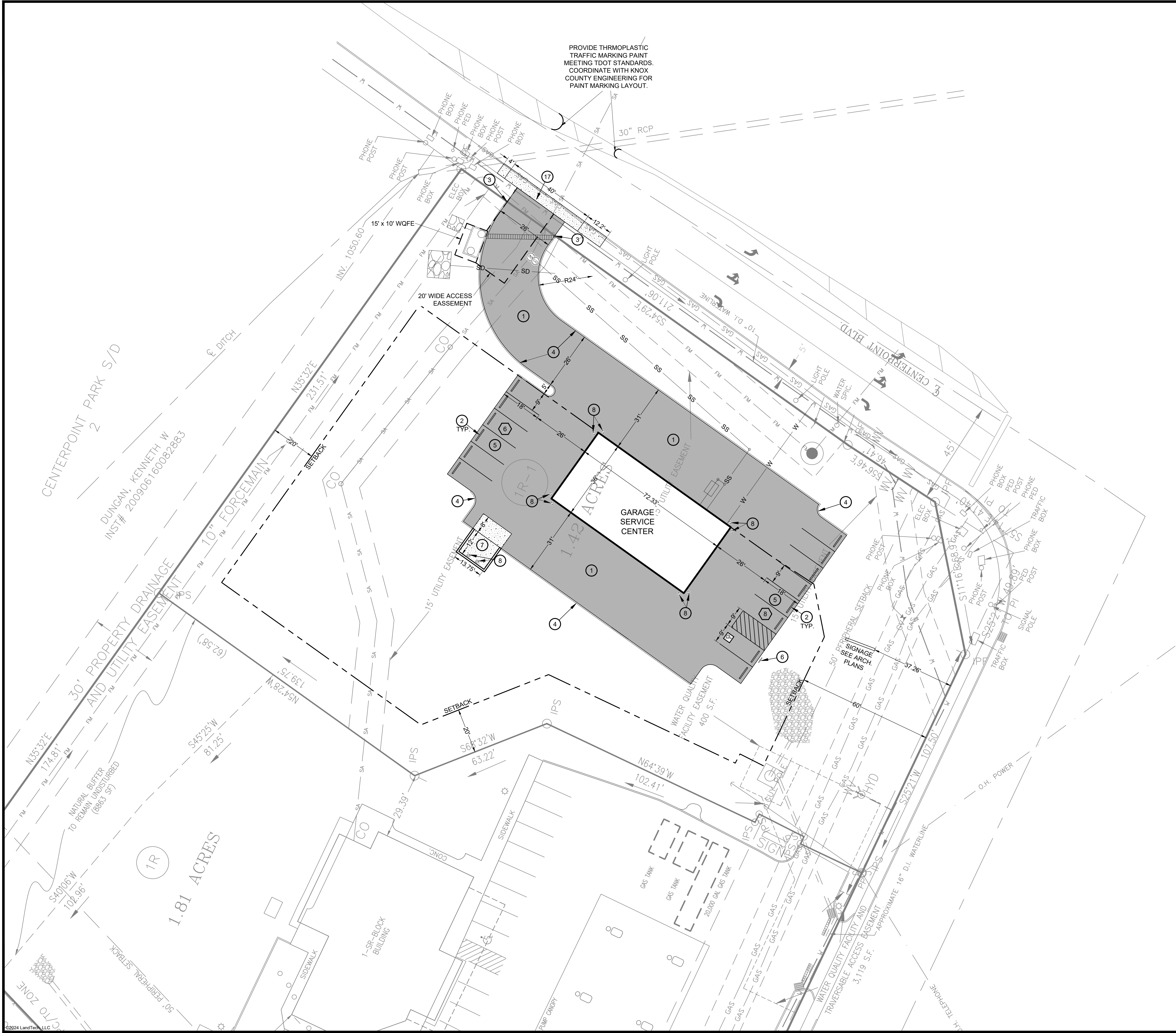
Sheet Title

Erosion  
Control Plan-  
Stage 2

Sheet Number

C-103





## Sheet General Notes

1. ASPHALT PAVING CONSTRUCTION SHALL BE IN ACCORDANCE WITH TDOTSS PART 4 - FLEXIBLE SURFACES.
2. CURB AND GUTTER CONSTRUCTION SHALL BE IN ACCORDANCE WITH TDOTSS 702 - CEMENT CONCRETE CURB, GUTTER, AND COMBINED CURB AND GUTTER.
3. SIDEWALK, DRIVEWAY AND MEDIAN CONSTRUCTION SHALL BE IN ACCORDANCE WITH TDOTSS 701 - CEMENT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIAN PAVEMENT.
4. PAVEMENT MARKINGS CONSTRUCTION SHALL BE IN ACCORDANCE WITH TDOTSS 716 - PAVEMENT MARKINGS
5. CONTRACTOR SHALL REFER TO THE LATEST EDITIONS OF TDOT STANDARD SPECIFICATIONS AND LOCAL GOVERNMENT TECHNICAL SPECIFICATIONS FOR CONSTRUCTION REQUIREMENTS, AS APPLICABLE.
6. DIMENSIONS ARE TO FACE OF CURB, BUILDING, OR STRUCTURE, UNLESS OTHERWISE INDICATED.
7. SETBACK LINES SHOWN ON THESE PLANS ARE TAKEN FROM APPLICABLE GOVERNMENT ZONING REGULATIONS AND DO NOT NECESSARILY REFLECT ANY SETBACK REQUIREMENTS THAT MAY BE FOUND UNDER PRIVATE RESTRICTIVE COVENANTS.

## General Traffic Control Notes

1. ALL TEMPORARY CONSTRUCTION AREA TRAFFIC CONTROL WORK SHALL BE IN ACCORDANCE WITH LOCAL REQUIREMENTS, THE TDOT WORK ZONE SAFETY AND MOBILITY MANUAL, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AS APPLICABLE.
2. ALL TEMPORARY CONSTRUCTION AREA TRAFFIC CONTROL DEVICE LOCATIONS SHALL BE MARKED BY THE CONTRACTOR AND REVIEWED BY THE LOCALITY AND/OR TDOT PRIOR TO INSTALLATION.
3. WORK OPERATIONS WHICH REDUCE CURRENT LANE WIDTHS SHALL NOT BE INITIATED UNTIL LOCALITY AND/OR TDOT HAS BEEN NOTIFIED OF THE WORK OPERATION AND LOCATION.
4. THE TEMPORARY TRAFFIC CONTROL SIGNS SHALL BE ERECTED PRIOR TO BEGINNING WORK WITHIN OR ENCRACHING ON THE ROAD. THE SIGNS ARE TEMPORARY AND MOVEABLE AND NOT INTENDED TO BE PERMANENTLY MOUNTED DURING SITE CONSTRUCTION. REMOVE THE SIGNS PROMPTLY AFTER WORK IN THE ROADWAY HAS CEASED.
5. MEASURES SHALL BE TAKEN TO ENSURE ADEQUATE SIGHT DISTANCES DURING CONSTRUCTION OPERATIONS. TEMPORARY TRAFFIC CONTROL DEVICES, SIGNS, CONSTRUCTION EQUIPMENT, MATERIAL STORAGE OR ANY OTHER OBSTACLE WILL NOT BE ALLOWED TO INTERFERE WITH SIGHT DISTANCES AND ENTRANCES FOR THIS PROJECT.
6. THE WORK ZONE IS TO BE FREE OF STORED EQUIPMENT AND/OR MATERIALS AS MUCH AS PRACTICAL.
7. WHEN PROCEEDING FROM ONE STAGE OF CONSTRUCTION TO ANOTHER STAGE OF CONSTRUCTION, ANY EXISTING OR CONSTRUCTION PAVEMENT MARKINGS THAT DO NOT ALIGN WITH NEW TRAFFIC PATTERNS AND/OR NECESSARY MARKINGS SHALL BE ERADICATED AND RE-STRIPED.
8. THE CONTRACTOR SHALL PROVIDE TEMPORARY DRAINAGE AS REQUIRED TO PREVENT PONDING OF WATER ON THE EXISTING ROADWAY AND ADJACENT PROPERTY. ANY TEMPORARY DRAINAGE STRUCTURES INSTALLED ON THE PROJECT ARE THE CONTRACTOR'S RESPONSIBILITY.
9. THE TEMPORARY CONSTRUCTION AREA TRAFFIC CONTROL TECHNIQUES ULTIMATELY EMPLOYED BY THE CONTRACTOR ARE TO BE REVIEWED AND APPROVED BY THE LOCALITY AND/OR TDOT PRIOR TO INSTALLATION. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR SAFE TRAVEL ON THE EXISTING ROADWAYS.



## Sheet Keynotes

| Keynote | Detail Sheet | Description                                       |
|---------|--------------|---|
| 1       | C-402        | Asphalt Pavement - Standard Duty                  |
| 2       | C-402        | Concrete Wheel Stop                               |
| 3       | C-402        | Curb Wipe Down                                    |
| 4       | C-402        | Extruded Concrete Curb                            |
| 5       | C-402        | Typical Parking Space Layout                      |
| 6       | C-402        | Handicap Parking Sign                             |
| 7       | C-402        | Dumpster Pad                                      |
| 8       | C-402        | Bollard   |
| 17      | C-405        | TDOT Lowered Standard Concrete Driveway (RP-D-16) |

## Site & Parking Data

1. EXISTING ZONE: PC/TO - PLANNED COMMERCIAL / TECHNOLOGY OVERLAY ZONE
  - PERIPHERAL SETBACK = 60'
  - FRONT SETBACK = 20' (OR 60' WITH FRONT YARD PARKING)
  - SIDE SETBACK = 20'
  - REAR SETBACK = 20'
2. PROPOSED LAND USE: AUTOMOBILE REPAIR SHOP
3. PARKING REQUIREMENT: 2 SPACES / SERVICE STALL, OR 1 SPACE / 250 Sq. Ft. OF SERVICE AREA, WHICHEVER IS GREATER, PLUS 2 SPACES / 3 EMPLOYEES
  - 2 \* 3 SERVICE STALLS = 6, OR 1750 Sq. Ft. / 250 Sq. Ft. = 7; PLUS
  - 2/3 \* 5 EMPLOYEES = 3.3 \* 4; 7 + 4 = 11 SPACES
4. PARKING PROVIDED: 14 SPACES (13 STANDARD + 1 ADA)
5. GROUND AREA COVER = 2,668 Sq. Ft. / 61,855 Sq. Ft. = 0.043 = 4.3%
6. FLOOR AREA RATIO = 2,668 Sq. Ft. / 61,855 Sq. Ft. = 0.043 = 4.3%
7. IMPERVIOUS AREA RATIO = 17,128 Sq. Ft. / 61,855 Sq. Ft. = 0.277 = 27.7%

## Legend

- |  |              |
|--|--------------|
|  | SETBACK LINE |
|  |              |
|  |              |



Fast Lube

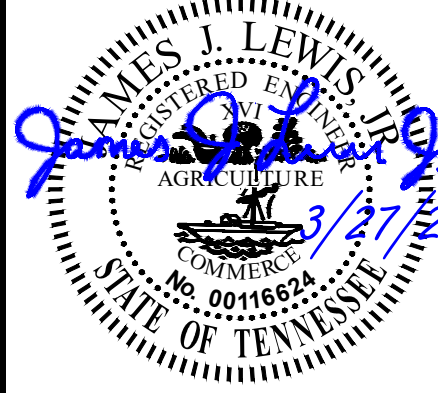
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PARCEL ID: 118-016.01

KNOX COUNTY

Project

Engineer/Surveyor



| Revision                                |  | Date      |  | No. |  |
|---|--|-----------|--|-----|--|
| Submitted for permit review             |  | 3/27/24   |  | 0   |  |
| SWQ structure; TTODA and PC submittal   |  | 4/18/24   |  | 1   |  |
| TTODA, PC comments and Knox Co Comments |  | 5/18/24   |  | 2   |  |
| Drawn By:                               |  | MBB       |  |     |  |
| Checked By:                             |  | JLL       |  |     |  |
| Approved By:                            |  | JLL       |  |     |  |
| LT Project No.:                         |  | 2312068   |  |     |  |
| LT Drawing No.:                         |  | D(O)H53-F |  |     |  |
| Horiz. Scale:                           |  | 1"= 20'   |  |     |  |
| Date:                                   |  | 3/27/24   |  |     |  |

Sheet Title

Site Layout Plan

Sheet Number

C-104



NOTE: EXISTING TOPOGRAPHY IS BASED ON TENNESSEE LIDAR DATA.

Sheet Grading General Notes

- CONTRACTOR SHALL ENGAGE A QUALIFIED CONSTRUCTION MATERIALS TESTING FIRM TO PERFORM INSPECTIONS AND QUALITY CONTROL ACTIVITIES TO VERIFY WORK COMPLIES WITH REQUIREMENTS IN THESE DRAWINGS, THE PROJECT GEOTECHNICAL REPORT, AND OTHER ORDINARY CONSTRUCTION PRACTICES. RETESTING AND REINSPECTIONS ARE REQUIRED FOR CONSTRUCTION REPLACING WORK THAT FAILED TO COMPLY WITH QUALITY CONTROL REQUIREMENTS.
- THE MINIMUM REQUIRED DENSITY OF COMPACTED FILL MATERIAL IS 95% OF MAXIMUM DRY DENSITY WITH A MOISTURE CONTENT WITHIN ± 2% OF THE OPTIMUM, AS DETERMINED BY THE STANDARD PROCTOR TEST (ASTM D698) UNLESS OTHERWISE SPECIFIED BY THE CONSTRUCTION MATERIALS TESTING FIRM. EACH LAYER OF THE FILL SHOULD BE COMPACTED AS NECESSARY TO OBTAIN MINIMUM DENSITY AND THE MATERIALS TESTING FIRM SHOULD CERTIFY AT THE TIME OF CONSTRUCTION THAT EACH FILL LAYER MEETS THE MINIMUM DENSITY REQUIREMENT.
- FILL MATERIAL SHOULD BE COMPACTED WITH APPROPRIATE COMPACTION EQUIPMENT SUCH AS A SHEEPSFOOT, RUBBER-TIRED OR VIBRATORY ROLLER.
- EARTHWORK ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL REPORT, AND TDOTSS PART 2 - EARTHWORK, AS APPLICABLE.
- CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH TDOTSS SECTION 201 - CLEARING AND GRUBBING.
- FLOWABLE FILL SHALL BE IN ACCORDANCE WITH TDOTSS SECTION 204.06.B - FLOWABLE FILL.
- ALL DISTURBED AREAS SHALL RECEIVE TEMPORARY AND/OR PERMANENT GROUND COVER STABILIZATION IN ACCORDANCE WITH THESE PLANS.
- ALL EXISTING VEGETATION OUTSIDE THE LIMITS OF DISTURBANCE SHALL BE PROTECTED.

Sheet Drainage General Notes

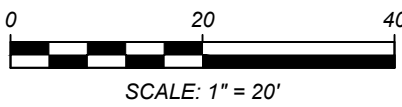
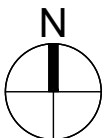
- STORM DRAIN SYSTEM CONSTRUCTION SHALL BE IN ACCORDANCE WITH TDOTSS PART 6 - STRUCTURES, OR LOCAL SPECIFICATIONS, AS APPLICABLE.
- IN ADDITION TO LOCAL SPECIFICATIONS, CONTRACTOR SHALL REFER TO THE LATEST EDITION OF TDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION REQUIREMENTS, AS APPLICABLE.
- PIPE LENGTHS AND COORDINATE VALUES ARE MEASURED CENTER-TO-CENTER OF STRUCTURES.

Sheet Keynotes

| Keynote | Detail Sheet | Description                |
|---------|--------------|----------------------------|
| 10      | C-403        | TDOT Trench Drain (D-TD-1) |
| 13      | C-403        | Storm Drain Pipe Trench    |
| 16      | C-405        | 6' X 12' PerKFilter Vault  |

Legend

- SD STORM DRAIN PIPE  
CHANNEL / DITCH  
MINOR LIDAR CONTOUR  
MAJOR LIDAR CONTOUR  
BC BOTTOM OF CURB ELEVATION  
TC TOP OF CURB ELEVATION  
SLOPE OF FINISHED GRADE

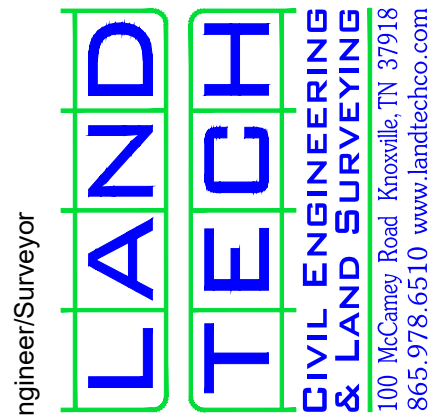


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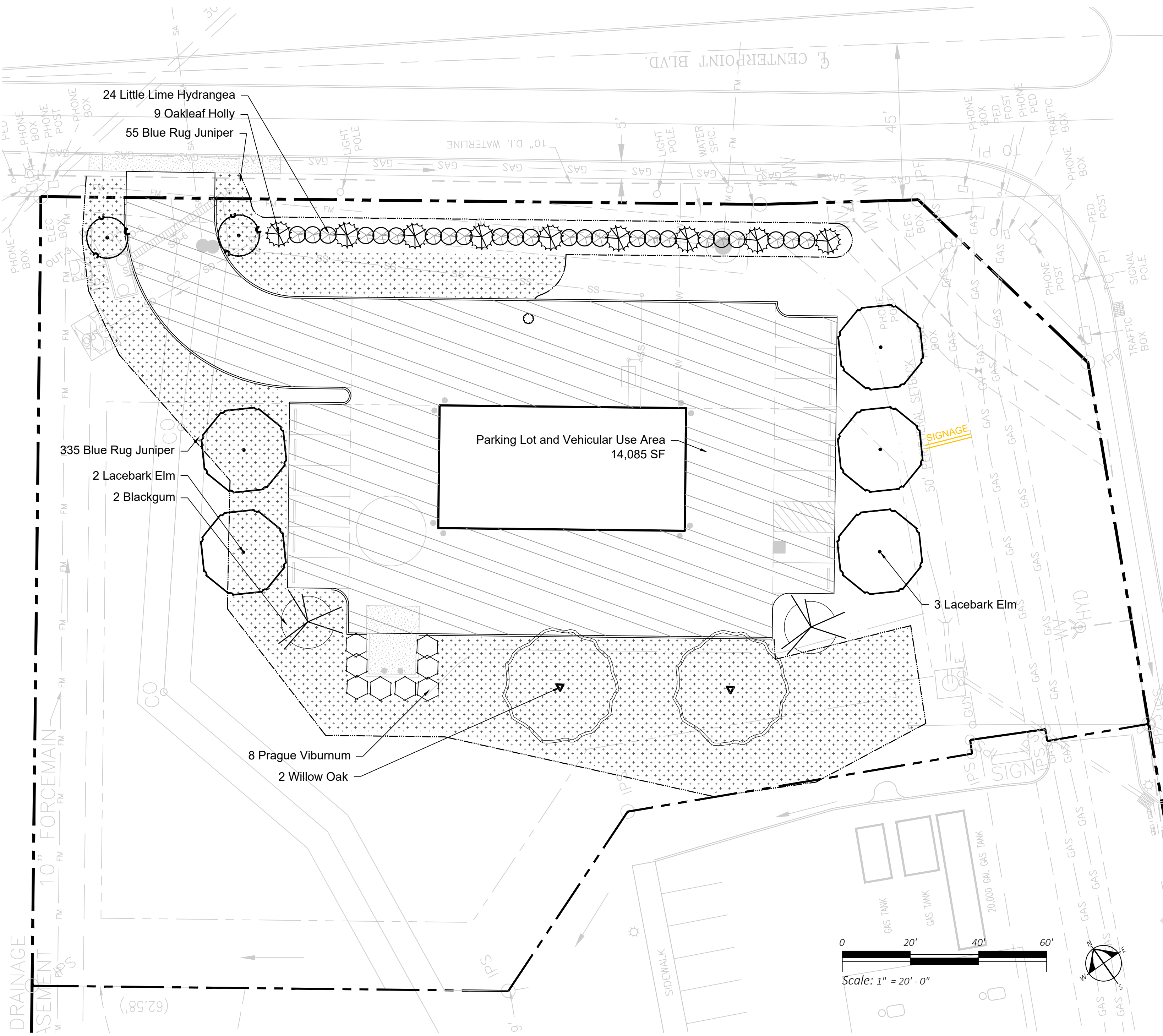
Engineer/Surveyor



| STORM STRUCTURE TABLE |           |            |         |           |            |                 |
|-----------------------|-----------|------------|---------|-----------|------------|-----------------|
| NAME                  | NORTHING  | EASTING    | RIM EL  | INV IN EL | INV OUT EL | STRUCTURE ID    |
| D-2                   | 587330.61 | 2517087.79 | N/A     | 1058.96   | N/A        | PIPE INLET      |
| OUT-2                 | 587334.16 | 2517041.28 | N/A     | N/A       | 1055.39    | PIPE OUTLET     |
| D-6                   | 587346.52 | 2517087.08 | 1060.00 | 1059.50   | N/A        | TRENCH DRAIN UP |
| D-5                   | 587347.16 | 2517057.59 | 1060.00 | N/A       | 1057.82    | TRENCH DRAIN DN |
| D-4                   | 587347.34 | 2517057.12 | 1060.00 | N/A       | 1057.81    | SWQS INLET      |
| D-3                   | 587350.55 | 2517048.71 | 1060.00 | N/A       | 1054.75    | SWQS OUTLET     |
| OUT-3                 | 587351.57 | 2517046.34 | N/A     | N/A       | 1054.70    | PIPE OUTLET     |

| STORM PIPE TABLE |        |        |           |           |             |           |              |            |
|------------------|--------|--------|-----------|-----------|-------------|-----------|--------------|------------|
| NAME             | DN STR | UP STR | DN INV EL | UP INV EL | LENGTH (FT) | SLOPE (%) | MATERIAL     | DIA (IN)   |
| C-2              | OUT-2  | D-2    | 1055.39   | 1058.96   | 46.6        | 7.67      | RCP          | 24         |
| SD-3             | OUT-3  | D-3    | 1054.70   | 1054.75   | 4.6         | 1.00      | PVC (SDR 26) | 12         |
| SD-5             | D-4    | D-5    | 1057.81   | 1057.82   | 0.5         | 2.00      | PVC (SDR 26) | 12         |
| SD-6             | D-5    | D-6    | 1057.82   | 1059.50   | 29.5        | 5.70      | Trench Drain | 12 (WIDTH) |



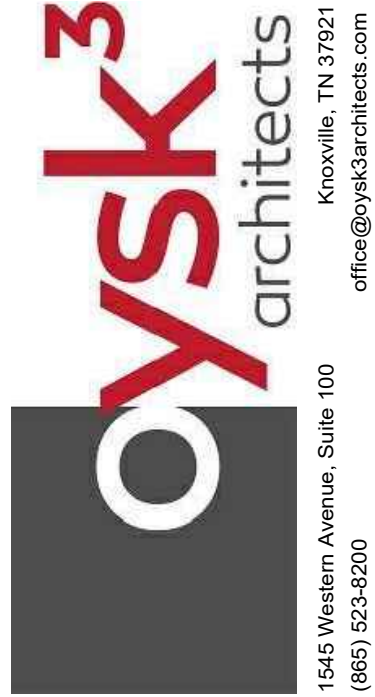


- PLANTING NOTES:
- Contractor's base bid to include all materials, labor, permits, equipment, tools, insurance, etc. to perform the work as described in the contract documents.
  - Contractor to provide allowance for soil ammendments, percolation tests, soil tests, mulch and irrigation.
  - Irrigation system to be drip unless otherwise noted and approved.
  - Contractor to complete work within schedule established by owner.
  - Contractor to provide one year warranty for all plant material from date of substantial completion.
  - Contractor to provide interim maintenance (watering, pruning, fertilizing, guying, mowing, trimming, adequate drainage of ponding areas, edging, weeding, mulching, application of insecticides/herbicides, and general landscape clean-up) until substantial completion notice is provided by the owner or landscape architect.
  - The contractor shall locate and verify all existing utilities prior to planting and report any conflicts to the landscape architect. Perform work in compliance with all applicable laws, codes, and regulations required by authorities having jurisdiction over such work and provide for permits required by local authorities.
  - All plant material to be specimen quality as established by the American Association of Nurserymen, horticultural standards, latest edition. quality of the plant material to be judged by the landscape architect. Inferior plant material to be rejected.
  - Plant material to be free of disease, weeds and insect pests. Damaged plant material shall be rejected.
  - No planting shall take place until rough grade has been reviewed and approved by the landscape architect.
  - Planting plans may need to be adjusted in the field. Contractor to coordinate layout of plant material with landscape architect for on site approval prior to installation.
  - Test plant beds and plant pits for adequate drainage. Hardpan or moisture barriers shall be broken, or drain pipes to be installed to provide proper drainage of plant areas. Plant pits shall be excavated to the bottom of the pit. Fill each plant pit with water and observe the pit for 2 hours. If the water has not dissipated by 50% within 2 hours, notify landscape architect of such in writing before installing plants in the questionable area. Otherwise contractor shall be held liable for plants.
  - Trees shall be installed 3" above finish grade in hardpan areas to provide good drainage unless otherwise directed.
  - Groundcover and shrub mass beds shall be cultivated to a depth of 12 inches below grade to break through compacted or hardpan soil. Remove all stones, roots, and weeds. Add specified soil ammendments and fertilizer. Install plants, edge bed area, mulch and water thoroughly.
  - Set all plants plumb and turned so that the most attractive side is viewed.
  - Plants shall be measured to their main structure, not tip to tip of branches.
  - Tree pit and shrub pit to be twice the size of the root mass. Fill with plant mix.
  - Broken root balls for trees shall be rejected. Contractor to check root balls and expose rootflares to check for root girdling. Do not assume the rootflare is exposed upon purchase from the nursery.
  - Any plant materials shipped to site in uncovered vehicles/ trailer shall be rejected regardless of season.
  - All tree scars over 1 -1/2" shall be rejected and tree to be replaced.
  - All shrubs to be dense and full. All trees to have a symmetrical growth habit (360 degrees) unless uncharacteristic to plant type or otherwise noted on plans.
  - Remove all excess growth of trees and shrubs as directed by landscape architect. Do not cut central leader.
  - If rootball is wrapped in non-biodegradeable burlap, remove entire wrap after placed in pit.

- TTCDA - LANDSCAPE REQUIREMENT NOTES:**
- 3.1.4 In order to provide year-round greenery, at least 25% of newly planted or conserved trees should be evergreen.**  
- 20 trees proposed  
- 9 evergreen = 45%
- 3.1.5 When planting trees on a development site, a roughly equal combination of large, medium and small trees (see Appendix B) should be planted, with at least 10 large maturing trees per acre of yard space.**  
- 1.4 acres \* 10 = 14 trees  
- 20 trees proposed
- 3.1.8 The required front yard for a 1-, 2- or 3-story building with no parking in front shall be landscaped. A minimum 20-foot landscaped yard shall be placed between the right-of-way and a parking area in front of a building.**  
- landscape yard provided
- 3.2.1 The arrival areas should be landscaped to make an introductory statement about each site.**  
- landscape provided at driveway entrance and front of building
- 3.2.2 Landscaping should be used to accentuate entryways to the site and the building(s) and to provide areas of shade**  
- all entry areas landscaped, shade provided where adequate room for tree growth is available
- 3.3.2 Entrances into buildings should be accented by plantings.**  
- all entry areas landscaped
- 3.3.3 Areas around buildings equal to 50% of the area of each front and side elevation shall be planted with ornamental trees, shrubbery and bedding plants (see Appendix B).**  
- No planting areas provided directly around building
- 3.3.4 Minimize shading of south-facing facades in winter; maximize shading of south-facing facades in summer.**  
- trees proposed near south facade
- 3.3.5 Landscaping should buffer the building from the microclimate of the parking area.**  
- trees proposed around parking and drive aisles
- 3.3.6 Landscaping should be used to screen mechanical equipment or other unsightly exterior building elements.**  
- NA
- 3.4.1 Parking areas should be screened from public rights-of-way by landscaped berms, low level shrubbery or a combination of the two.**  
- NA
- 3.4.2 If surface parking is necessary, existing trees both upslope and downslope should be conserved for environmental and aesthetic purposes. In cases where existing vegetation cannot be saved, or does not exist, medium and large maturing canopy trees should be planted between parking areas.**  
- trees proposed near all parking areas
- 3.4.3 Trees shall be required at the rate of one (1) medium or large maturing canopy tree for every ten parking spaces provided.**  
- 14 parking space proposed, 7 large trees proposed
- 3.4.4 In addition to the planting of required canopy trees, planting areas for ornamental trees, shrubbery and bedding plants shall be no less than five (5) percent of the surface area devoted to parking.**  
- Total Parking Lot and Vehicular Use Area = 14,085 square fee  
- Total Landscape Bed Area = 11,427 square feet  
- 81%
- 3.4.5 Medium and large maturing canopy and ornamental trees may be chosen from the recommended species list in Appendix B.**
- 3.3.6 Mature trees that are preserved within eight feet of the parking area may be used to satisfy up to 50% of the required number of canopy trees, as described in (a) above. In all other respects, however, the number of trees and other plantings required for parking areas shall be in addition to those required under Section 3.1.**  
- N/A, no trees preserved
- 3.3.7 Required canopy trees shall be located within the parking areas as terminal islands, interior islands, interior wells, medians, traffic delineators, between rows of parking spaces, or in planting areas adjacent to buildings in a manner such that no parking space is located more than sixty (60) feet from the trunk of a large canopy tree.**  
- trees puposposed within 60' of all parking spaces
- 3.3.8 Interior islands at the rate of one for every 200 feet of parking shall be installed to break up long rows of parking stalls.**

| Qty                     | Botanical Name         | Common Name           | Size     | Notes                          | Size |
|-------------------------|------------------------|-----------------------|----------|--------------------------------|------|
| <b>Deciduous Trees</b>  |                        |                       |          |                                |      |
| 2                       | Cercis canadensis      | Redbud                | 2" cal.  | central leader, full and dense | S    |
| 2                       | Nyssa sylvatica        | Blackgum              | 2" cal.  | central leader, full and dense | M    |
| 2                       | Quercus phellos        | Willow Oak            | 2" cal.  | central leader, full and dense | L    |
| 5                       | Ulmus parvifolia       | Lacebark Elm          | 2" cal.  | central leader, full and dense | M    |
| <b>Evergreen Trees</b>  |                        |                       |          |                                |      |
| 9                       | Ilex x 'Conaf'         | Oakleaf Holly         | 6' hgt.  | central leader, full and dense | M    |
| <b>Deciduous Shrubs</b> |                        |                       |          |                                |      |
| 24                      | Hydrangea paniculata   | Littel Lime Hydrangea | 3 gallon | full and dense                 |      |
| <b>Evergreen Shrubs</b> |                        |                       |          |                                |      |
| 390                     | Juniperus horizontalis | Blue Rug Juniper      | 3 gallon | full and dense                 |      |
| 8                       | Viburnum x pragense    | Prague Viburnum       | 3 gallon | full and dense                 |      |

Notes:  
- This landscape plan is designed to meet minimum TTCDA landscape requirements only.  
- All HVAC units shall be screened with vegetation as per TTCDA landscaping ordinance.  
- Planning Commission File # ???  
- TTCDA Case # ???



**NEW CONSTRUCTION FOR:**  
**FAST LUBE LOVELL ROAD**  
1405 Lovell Road, Knoxville, Tennessee 37932

|      |         |
|------|---------|
| DATE | PROJECT |
| DATE | PROJECT |

Drawn by: PB  
Checked by:

LANDSCAPE PLAN

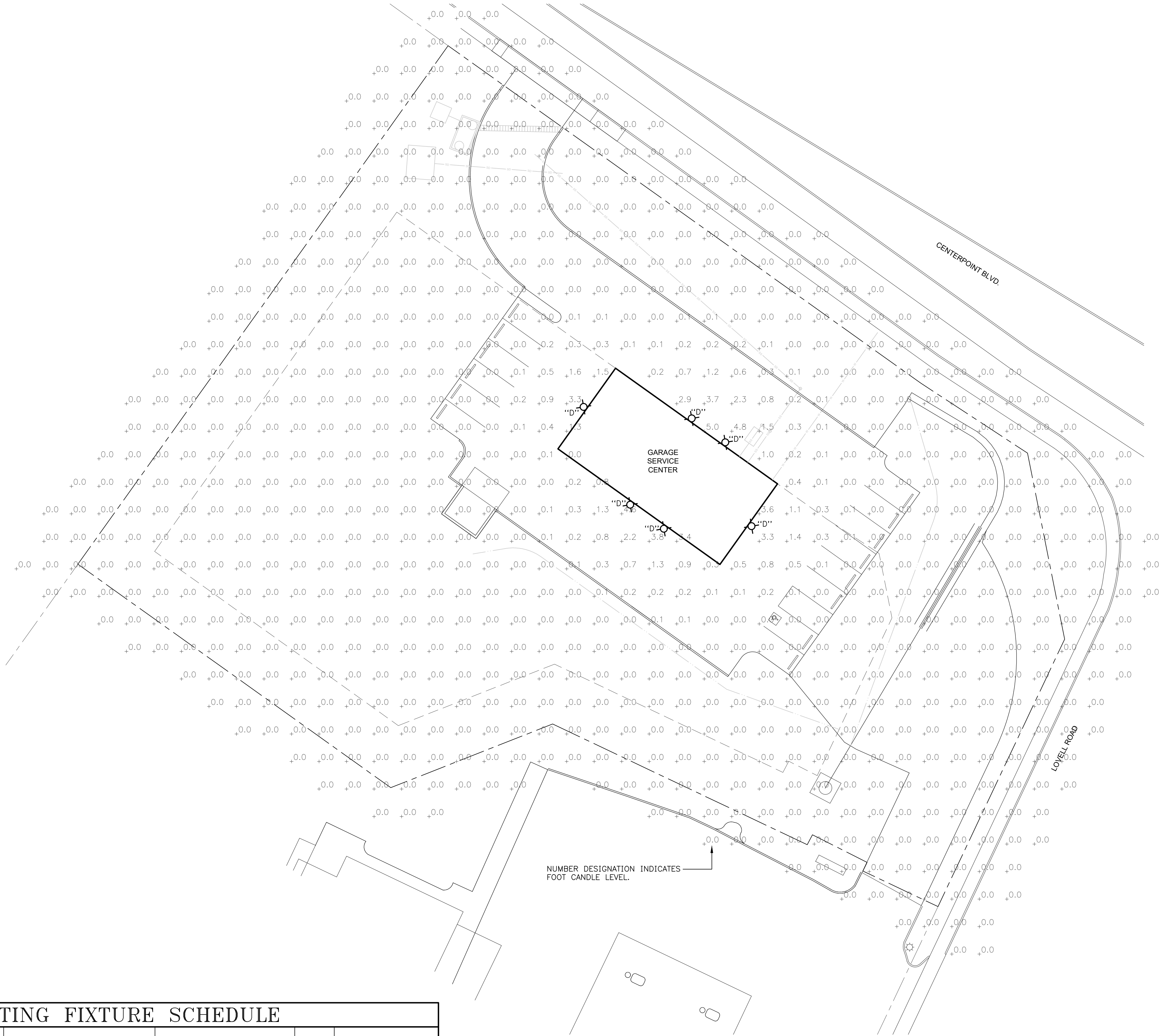
**L100**

DATE : 04/26/2024  
PROJECT : 23180



E100 - Fast Lube Lovell Rd - Site Illumination Plan.dwg

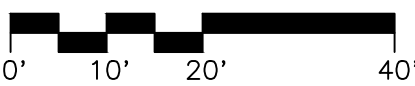
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| LIGHTING FIXTURE SCHEDULE  |              |                  |                        |             |                        |                     |   |   |                                |             |                                 |  |   |
|--|--------------|------------------|------------------------|-------------|------------------------|---------------------|---|---|--------------------------------|-------------|---------------------------------|--|---|
| DESIGNATION  | ILLUMINATION |                  |                        |             | MOUNTING               |                     |   | DESCRIPTION:<br>SHIELDING,<br>TYPE MATERIALS,<br>FINISH, MOUNTING   | MANUFACTURER'S<br>PRODUCT ITEM |             | * EQUAL<br>PRODUCT<br>PERMITTED |  | REMARKS                                     |
|  | WATTS        | DELIVERED LUMENS | COLOR TEMPERATURE (°K) | MINIMUM CRI | CEILING                |                     | WALL                                    |   |                                |             |                                 |  |   |
|  |              |                  |                        |             | PENDANT<br>STEM LENGTH | SURFACE<br>RECESSED | HEIGHT ABOVE FINISHED<br>FLOOR OR GRADE |   |                                |             |                                 |  |   |
|  |              |                  |                        |             |                        |                     |   |   |                                |             |                                 |  |   |
| D  | 18           | 2000             | 4000                   | 80          |                        | •                   | 12 FT.                                  | COMPACT EXTERIOR WALL PACK,<br>DARK BRONZE FINISH, CUTOFF<br>OPTICS | METALUX                        | XTOR2B-W-BZ | •                               |  | VERIFY MOUNTING<br>HEIGHT WITH<br>ARCHITECT |
| * UNLESS NOTED, EQUAL PRODUCT TO THAT SPECIFIED WILL BE ACCEPTED. THE DESIGN PROFESSIONAL SHALL HAVE SOLE JUDGEMENT<br>CONCERNING EQUIVALENCY OF SUBSTITUTION. |              |                  |                        |             |                        |                     |   |   |                                |             |                                 |  |   |

SITE ILLUMINATION PLAN

SCALE: 1"=20'-0"



NOTES:

- VALUES INDICATE COMPUTER CALCULATED MAINTAINED ILLUMINATION LEVELS IN FOOTCANDLES; USING A TOTAL MAINTENANCE FACTOR UTILIZED OF 0.82.
- FOOTCANDLE LEVELS SHOWN INDICATE CONTRIBUTIONS FROM NEW LIGHT SOURCES SHOWN ON THIS DRAWING ONLY. LIGHT LEVELS VARY DUE TO ORIENTATION AND CONTRIBUTIONS FROM NEIGHBORING LIGHTING FIXTURES.

ENTIRE DRAWING ADDED TO SET.

Vreeland Engineers Inc.

3107 Sutherland Ave.  
P.O. Box 10648  
Knoxville, TN 37939  
865-637-4451  
1-800-362-9769  
vreelandengineers.com

NEW CONSTRUCTION FOR:

FAST LUBE LOVELL ROAD

1405 Lovell Road, Knoxville, Tennessee 37932

| Issued For | Permit      |
|------------|-------------|
| Mark       | REVISION #1 |
| 0          | REVISION #2 |
| 1          |             |
| 2          |             |

Drawn by: VEI  
Checked by: HD

SITE ILLUMINATION  
PLAN

E100

DATE : 1/23/2024

PROJECT : 23180

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Technical drawing of a sign structure. The sign is rectangular with a dark blue background and white text. The text reads "EXPRESS CARE" in large, bold, sans-serif capital letters, followed by the Valvoline logo (a stylized 'V' in red and blue) and the word "Valvoline" in a smaller font. Below this, on a white background, is the text "QUICK LUBE" in red, bold, sans-serif capital letters. The sign is mounted on a brick wall. The wall has a brick veneer finish. The sign is supported by two metal brackets. The drawing includes dimensions: the sign is 6'-0" high and 10'-0" wide. The mounting brackets are 1'-10" apart. The sign is 5'-0" from the ground. The wall is 1'-0" thick. Callouts point to various components: BRICK SILL CAP, TYP.; BRICK VENEER, TYP.; SIGNAGE DESIGNED BY OTHERS. SIGNAGE TO BE CHANNEL LETTER SET W/ MATTE FINISH. NOT TO EXCEED 50 SQFT.; LED UP-LIGHTING.

6'-0"

1'-0"

5'-0"

1'-10"

10'-0"

1'-10"

BRICK SILL CAP, TYP.

BRICK VENEER, TYP.

SIGNAGE DESIGNED BY OTHERS. SIGNAGE TO BE CHANNEL LETTER SET W/ MATTE FINISH. NOT TO EXCEED 50 SQFT.

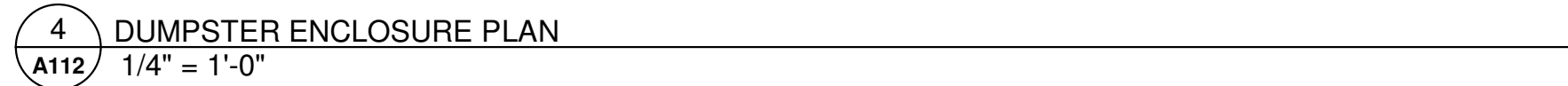
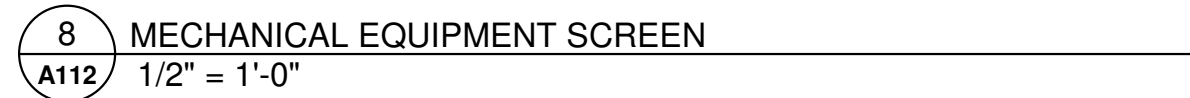
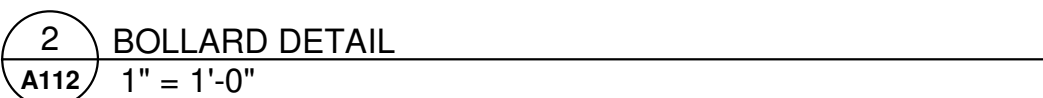
LED UP-LIGHTING

**EXPRESS CARE**

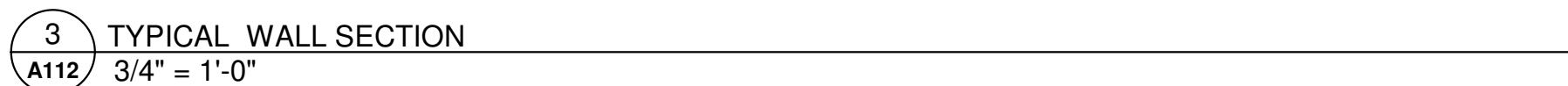
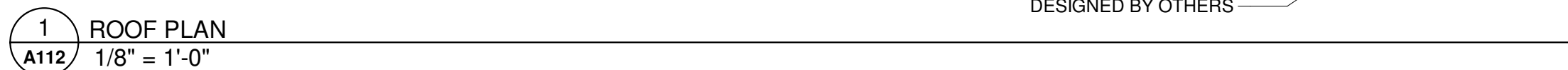
**Valvoline**

**QUICK LUBE**

|      |                                       |
|------|---------------------------------------|
| 7    | YARD SIGN ELEVATION (BOTH SIDES SIM.) |
| A112 | 1/2" = 1'-0"                          |

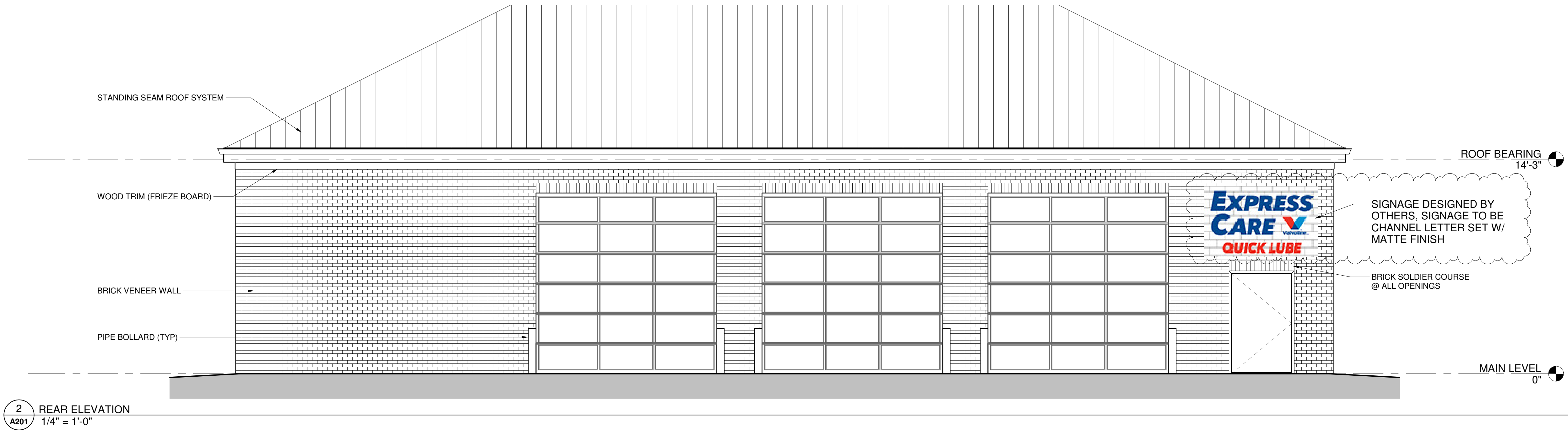
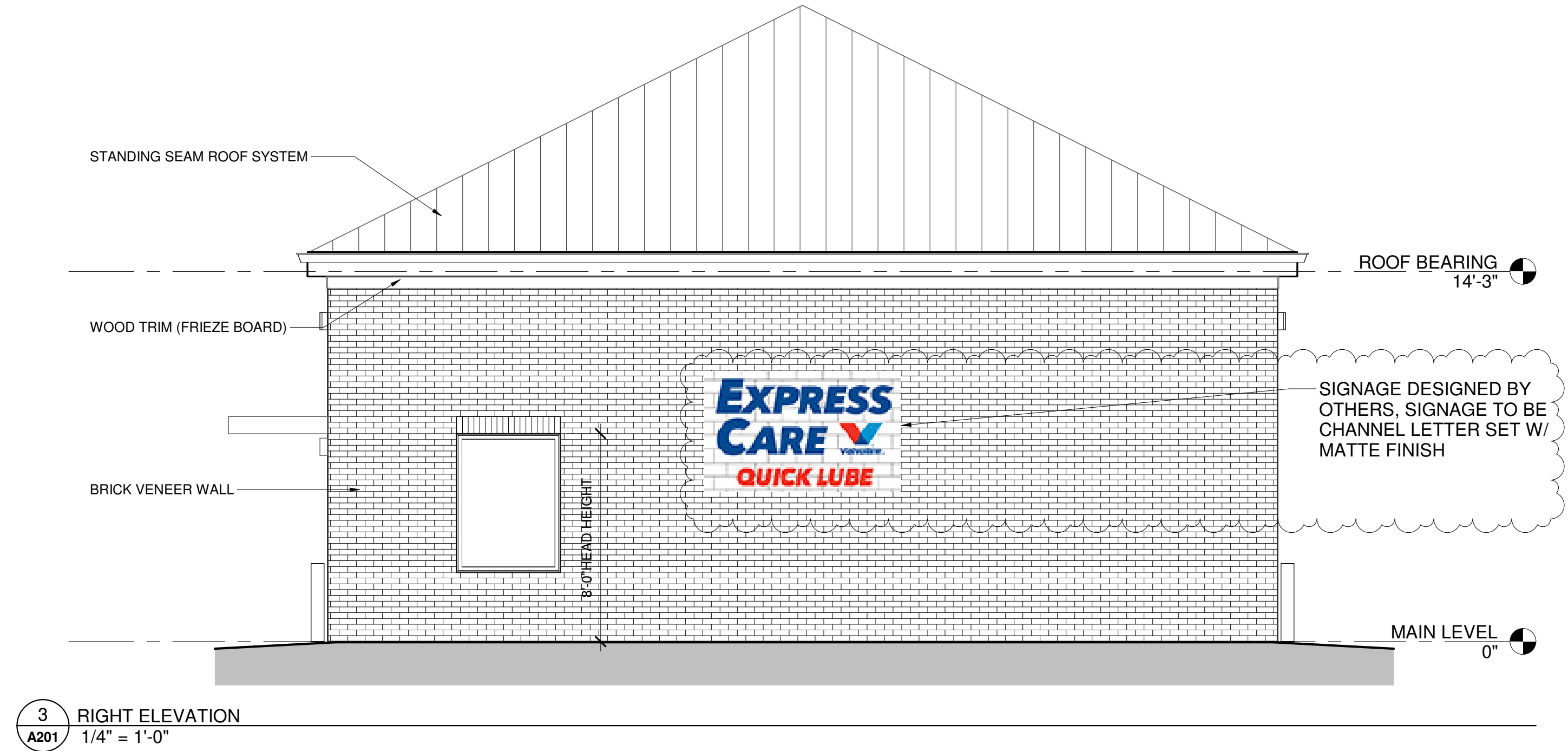
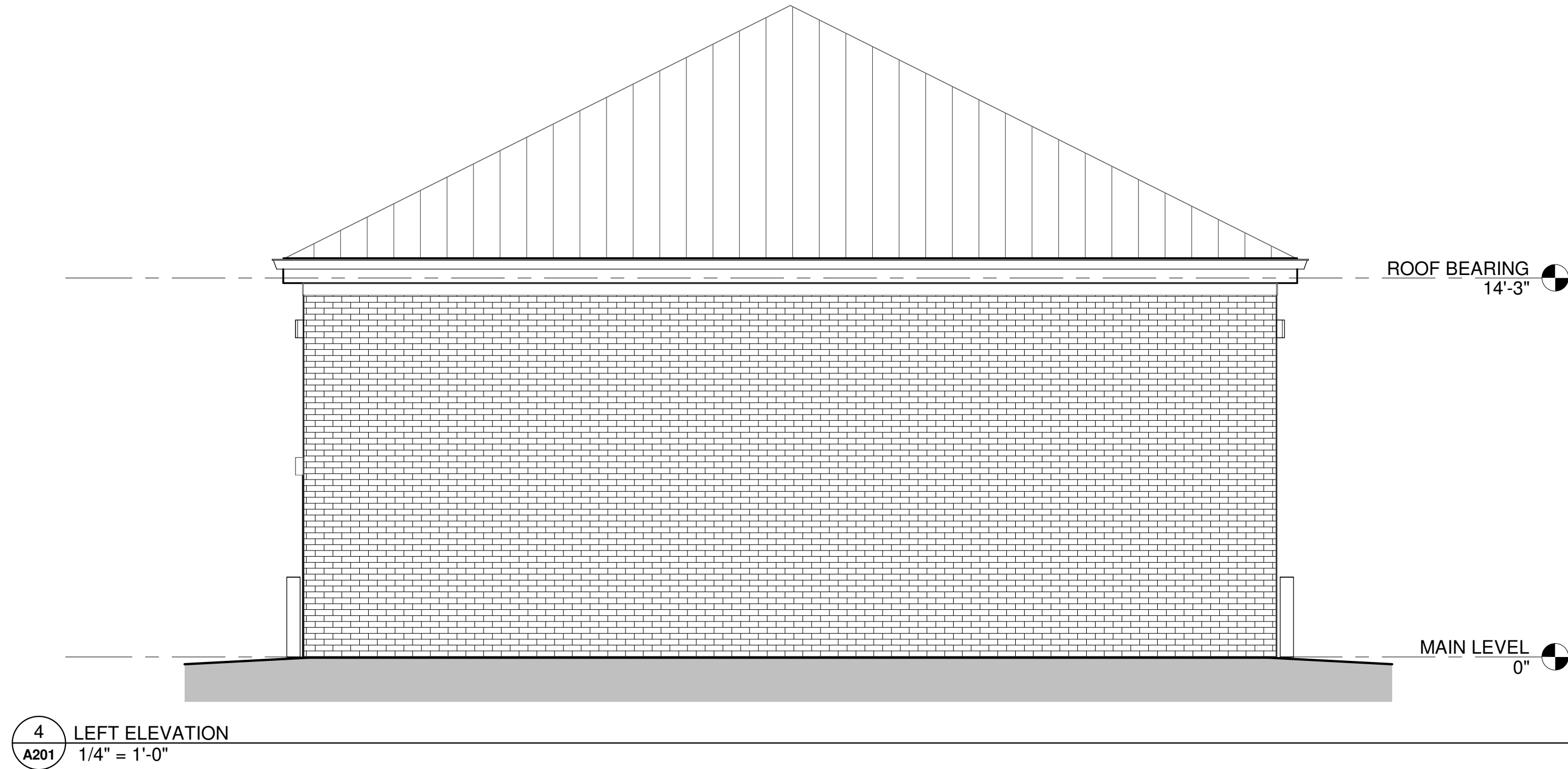


1. PROVIDE FLASHING AND COUNTER FLASHING AT ROOF RIDGE, VALLEYS, DRIP, COPING, ETC., AND AT ALL PENETRATIONS OF THE BUILDING ENVELOPE, SUCH AS VENT STACKS, EXHAUSTS, DOORS & WINDOWS, HVAC UNITS, ETC..
2. ALL VENTS SHALL PENETRATE ROOF ON REAR OF BUILDINGS - MATCH COLOR OF ROOF.
3. PROVIDE DIVERTERS AS INDICATED AND ABOVE ALL STANDARD ROOF DECKS PER TYPICAL.
4. PROVIDE WATER STOPS ON GUTTERS AT VALLEYS.





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|     |           |          |            |
|-----|-----------|----------|------------|
| Rev | Date      | By       | Checked By |
| 1   | 5/20/2024 | PLANNING | REV 1      |

Drawn by: MB  
Checked by: SBS

EXTERIOR  
ELEVATIONS

**A201**

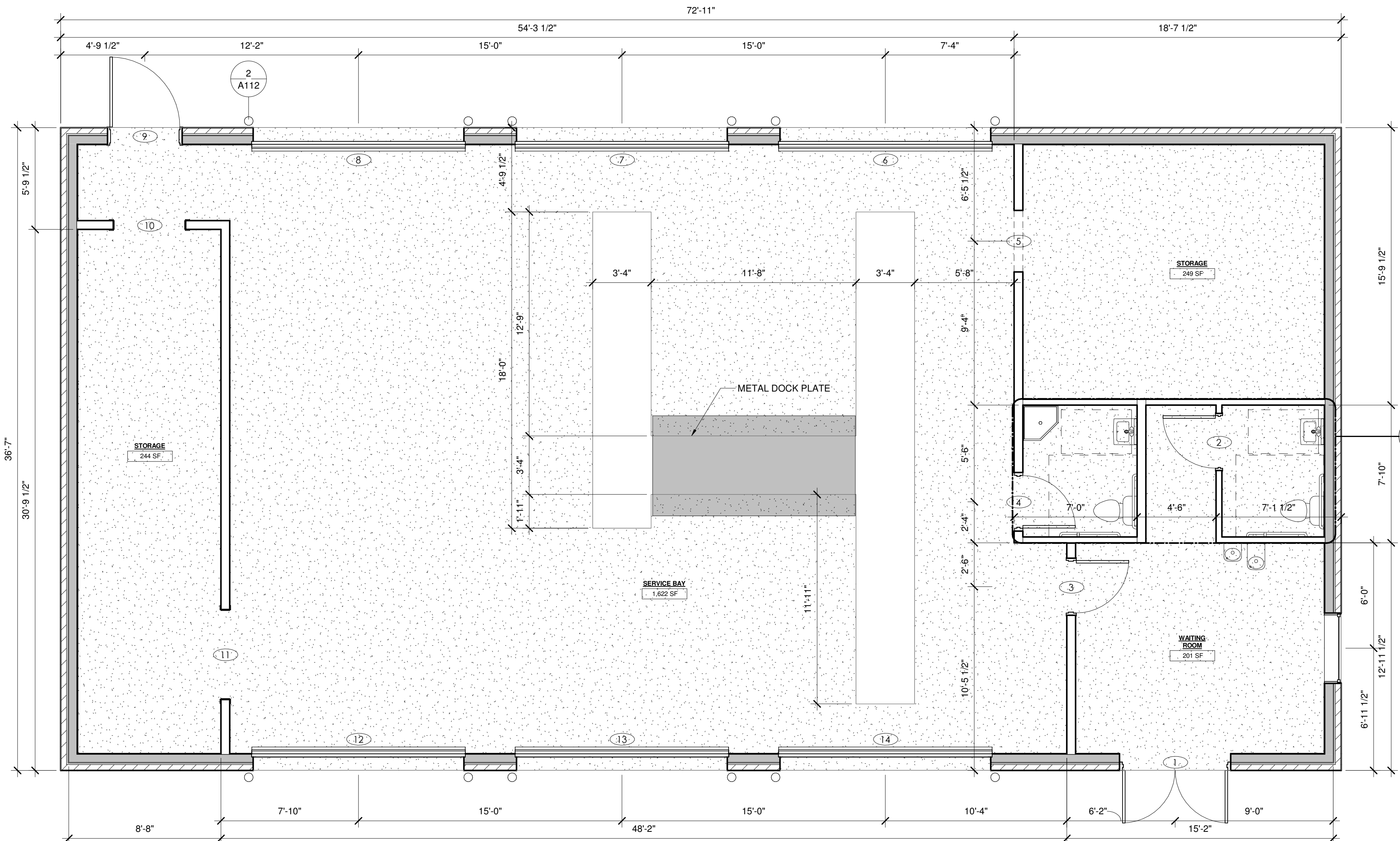
DATE : 04/03/2024

PROJECT : 23180

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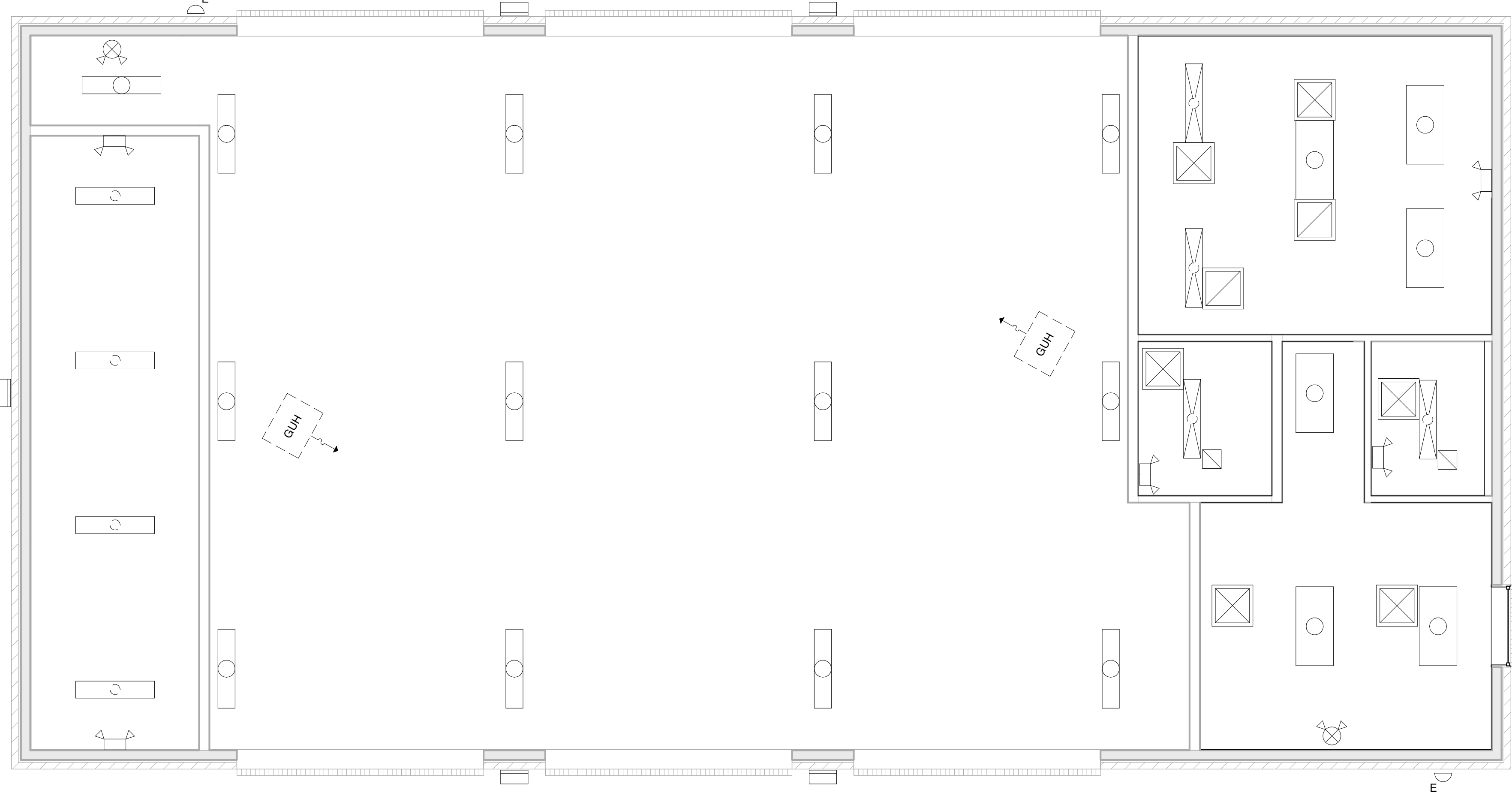


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1 FLOOR PLAN  
1/4" = 1'-0"

2 REFLECTED CEILING PLAN  
1/4" = 1'-0"



#### REFLECTED CEILING PLAN LEGEND

- EMERGENCY LIGHT UNIT
- COMBINATION EXIT LIGHT AND EMERGENCY LIGHT
- WALL MOUNTED EXTERIOR LED EMERGENCY LIGHTING WITH BUILT-IN BATTERY BACKUP
- LED WRAPAROUND 4' LIGHT
- LED WRAPAROUND WITH BUILT-IN BATTERY BACKUP
- HIGH BAY LED LIGHT FIXTURE
- 2x4 SURFACE MOUNTED LIGHT
- EXTERIOR WALL-PACK
- 12"x12" HVAC RETURN
- 2X2 HVAC SUPPLY DIFFUSER
- HVAC RETURN AIR GRILL
- GAS-FIRE UNIT HEATER

#### WALL RATING LEGEND

- 2x6 WD STUD @ 16" O.C. WITH 1/2" WD SHEATHING, WEATHERPROOFING MEMBRANE, 1" AIR GAP, AND BRICK VENEER. SEE WALL SECTION FOR DETAILS
- 6" CMU BLOCK WALL W/ 1" AIR GAP AND BRICK VENEER
- 2x6 WD STUD @ 16" O.C. WITH GYP BOARD ON BOTH SIDES
- 2x4 WD STUD @ 16" O.C. WITH GYP BOARD ON BOTH SIDES

#### CONSTRUCTION NOTES

- C1 4" CONCRETE SLAB WITH 6X6X1010 WWF, OVER 10MIL POLYETHYLENE VAPOR BARRIER, ON 4" GRADED STONE BASE.
- C4 NON-LOAD-BEARING, INTERIOR NON-RATED WALLS SHALL BE CONSTRUCTED OF 2X4 WOOD STUDS FROM FLOOR TO CEILING @16" O.C., WITH 1/2" GYPSUM BOARD ON EACH SIDE. BRACE TO STRUCTURE @6'-0" O.C.
- C6 ALL WOOD IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE-TREATED.
- C7 PROVIDE TERMITE TREATMENT AT CONCRETE SLAB & FOUNDATION.
- C8 MISCELLANEOUS STEEL TO BE MINIMUM A36 GRADE.
- C9 CONTRACTOR SHALL PROVIDE WOOD BLOCKING CONCEALED IN WALL FOR ALL WALL-HUNG MILLWORK UNITS, DOOR JAMBS, SHELVES, SIGNS, FIXTURES, GRAB BARS, ETC. AS REQUIRED.
- C10 PROVIDE THE FOLLOWING FOR EACH TOILET ROOM (DIMENSIONS GIVEN ARE FOR ACCESSIBLE TOILET ROOMS):
  - TOILET WITH FIXTURE CENTERLINE 18" FROM WALL, & SEAT HEIGHT AT 17-19" AFF
  - URINAL (IF INDICATED) WITH LIP AT 17" MAX. AFF, & FLUSH LEVER AT 48" AFF
  - TOILET PAPER DISPENSER, 24" AFF & 36" FROM BACK WALL
  - LAVATORY AT 34" MAX. TO RIM, 29" MIN. CLEAR BENEATH, 15" MIN. FROM FIXTURE CENTERLINE TO WALL, & SINGLE LEVER-CONTROLLED FAUCET SUPPLY AND DRAIN PROTECTION BELOW SINK (PRE-FORMED INSULATION)
  - MIRROR, WITH BOTTOM OF GLASS AT 40" AFF
  - PAPER TOWEL & SOAP DISPENSERS, MOUNTED SO THAT ACTUATOR AND DISPENSE LEVELS ARE AT 48" MAX. HEIGHT.
- C11 IF TOILET ROOM IS DESIGNATED ACCESSIBLE TO THE HANDICAPPED, ADD THE FOLLOWING ELEMENTS TO THOSE SPECIFIED IN NOTE C10:
  - 24" OR 36" BACK GRAB BAR, & 42" SIDE GRAB BAR, BOTH AT 34" AFF AND LOCATED AS SHOWN IN THE ENLARGED TOILET PLANS; PROVIDE BLOCKING IN WALL AS REQUIRED TO SUPPORT 250 LBS.
  - PROVIDE SIGNAGE TO IDENTIFY TOILET ROOMS, AS PER THE ADA & THE NORTH CAROLINA ACCESSIBILITY CODE: BUILDINGS THAT HAVE MORE THAN (1) TOILET ROOM PER FLOOR SHALL DISPLAY THE INTERNATIONAL SYMBOL FOR ACCESSIBILITY; USE THE WORDS "MEN" OR "WOMEN" WITH THEIR RESPECTIVE MALE/FEMALE SYMBOLS; VISIBLE TEXT SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE; THE IDENTIFYING PLAQUE OR SIGN SHALL BE MOUNTED 60" AFF.
- C12 PROVIDE FLASHING AND COUNTERFLASHING AT ROOF RIDGE, VALLEYS, DRIP, COPING, ETC., AND AT ALL PENETRATIONS OF THE BUILDING ENVELOPE, SUCH AS VENT STACKS, EXHAUSTS, DOORS & WINDOWS, HVAC UNITS, ETC.
- C13 PROVIDE FIRE EXTINGUISHERS (5 LB. 2A10BC) AS INDICATED ON PLANS; INSTALL MOUNTS SO AS TO PLACE EXTINGUISHER HANDLE/CONTROL POINTS AT 48" A.F.F.