

LOCATION OF UNDERGROUND UNDERGROUND UTILITIES ARE APPROXIMATE. LOCATIONS AND SIZES ARE BASED ON UTILITY MARK-OUTS, ABOVE GROUND STRUCTURES THAT WERE VISIBLE & ACCESSIBLE IN THE FIELD, AND THE MAPS AS LISTED IN THE REFERENCES AVAILABLE AT THE TIME OF THE SURVEY. AVAILABLE ASBUILT PLANS AND UTILITY MARKOUT DOES NOT ENSURE MAPPING OF ALL UNDERGROUND UTILITIES AND STRUCTURES. BEFORE ANY EXCAVATION IS TO BEGIN, ALL UNDERGROUND UTILITIES SHOULD BE VERIFIED AS TO THEIR LOCATION, SIZE AND TYPE BY THE PROPER UTILITY COMPANIES. CONTROL POINT ASSOCIATES, INC. DOES NOT GUARANTEE THE UTILITIES SHOWN COMPRISE ANY OR ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED.

A QUALITY LEVEL SYSTEM IS UTILIZED TO IDENTIFY THE SOURCE OF THE UNDERGROUND UTILITY INFORMATION. THE METHOD OF DETERMINATION IS BASED ON CONTRACTUAL AGREEMENT WITH THE CLIENT AND IS DEPICTED ON THE SURVEY BY THE LINE TYPES SHOWN IN THE DRAWING LEGEND. FOR REFERENCE, THE QUALITY LEVELS ARE AS FOLLOWS:

QUALITY LEVEL D - UTILITIES SHOWN BASED UPON REFERENCE MAPPING OR ORAL HISTORY. NOT FIELD VERIFIED.

QUALITY LEVEL C - LOCATION OF UTILITY SURFACE FEATURES SUPPLEMENTS REFERENCE MAPPING. INCLUDES MARKOUT BY OTHERS.

QUALITY LEVEL B - UTILITY LOCATION DATA IS COLLECTED THROUGH GEOPHYSICAL SENSING TECHNOLOGY TO SUPPLEMENT SURFACE FEATURES AND OR REFERENCE MAPPING. INCLUDES MARKOUT BY CONTROL POINT ASSOCIATES, INC.

QUALITY LEVEL A - HORIZONTAL AND VERTICAL LOCATION OF UTILITIES ARE OBTAINED USING VACUUM EQUIPMENT EXCAVATION OR OTHER METHODS TO EXPOSE THE UTILITY. LOCATION SHOWN AT SINGLE POINT WHERE EXCAVATION OCCURRED UNLESS UTILITY WAS LOCATED PRIOR TO FILLING.

ALL FOUR TYPES MAY NOT BE PRESENT ON THIS SURVEY.

- THIS PLAN IS BASED ON A SURVEY PREPARED IN THE FIELD BY CONTROL POINT ASSOCIATES, INC. (THE SURVEYOR), INFORMATION PROVIDED BY THE CLIENT AND OTHER REFERENCE MATERIAL AS LISTED HEREON. CHANGES TO THE PROPERTY AFTER THE FIELD DATE ARE NOT THE RESPONSIBILITY OF THE SURVEYOR.NGES TO THE PROPERTY AFTER THE FIELD DATE ARE NOT THE RESPONSIBILITY OF THE
- THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS SUBJECT TO THE RESTRICTIONS, COVENANTS AND/OR EASEMENTS THAT MAY BE CONTAINED THEREIN. IT IS IMPORTANT A COMPLETE TITLE SEARCH BE PROVIDED TO THE SURVEYOR FOR REVIEW PRIOR TO CONVEYANCE AND THE PLACEMENT OF OR ALTERATION TO IMPROVEMENTS ON THE PROPERTY. BOUNDARY AND EASEMENT LINES ARE BASED UPON AVAILABLE DOCUMENTATION AT THE TIME OF SURVEY AND ARE SUBJECT TO SAID TITLE REPORT.

THIS SURVEY DOES NOT ADDRESS OWNERSHIP AND POSSIBLE RIGHTS OF ADJOINING PROPERTIES. THIS SURVEY IS THE OPINION OF THE SURVEYOR AND IS NOT A LEGAL DECISION REGARDING PROPERTY BOUNDARY OR RIGHTS.

- 6. BY GRAPHIC PLOTTING ONLY PROPERTY IS LOCATED IN FLOOD ZONE "X-UNSHADED" (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) PER REF. #2
- THE EXISTENCE OF UNDERGROUND STORAGE TANKS, IF ANY, WAS NOT KNOWN AT THE TIME OF THE FIELD SURVEY. SURVEY DOES NOT ADDRESS ENVIRONMENTAL CONDITIONS OR LAND SUITABILITY.
- 8. ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88), BASED ON TEMPORARY BENCHMARKS SET:

TBM-A: MAG NAIL SET IN ASPHALT PAVEMENT, ELEVATION= 348.48' TBM-B: MAG NAIL SET IN ASPHALT PAVEMENT, ELEVATION= 348.72'

SEVEN (7) DAYS PRIOR TO CONSTRUCTION IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE BENCHMARKS ILLUSTRATED ON THIS SURVEY HAVE NOT BEEN DISTURBED AND THEIR ELEVATIONS HAVE BEEN CONFIRMED. ANY CONFLICTS MUST BE REPORTED PRIOR TO CONSTRUCTION. SURVEYOR IS NOT RESPONSIBLE FOR CONTRACTOR'S FAILURE TO COMPLY.

- THE OFFSETS SHOWN ARE NOT TO BE USED FOR THE CONSTRUCTION OF ANY STRUCTURE, FENCE,
- 11. ANY DISCREPANCIES FOUND ON THE SURVEY SHOULD BE REPORTED TO THE SURVEYOR IMMEDIATELY.
- THIS SURVEY WAS PREPARED FOR THE CLIENT, NES GROUP & BOHLER, LLC AND INTENDED ONLY FOR THE USE BY THE CLIENT AS CONTRACTED FOR THE PROJECT AND THE PURPOSE ORIGINALLY INTENDED. NO FURTHER PARTIES OTHER THAN THOSE CERTIFIED HEREON SHALL RELY ON IT FOR ANY

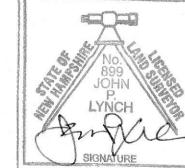
REFERENCES:

- 1. THE TAX ASSESSOR'S MAP OF CITY OF CONCORD, MERRIMACK COUNTY, MAP 611Z.
- 2. MAP ENTITLED "NATIONAL FLOOD INSURANCE PROGRAM, FIRM, FLOOD INSURANCE RATE MAP, MERRIMACK COUNTY, NEW HAMPSHIRE (ALL JURISDICTIONS), PANEL 551 OF 705," MAP NUMBER 33013C0551E, MAP EFFECTIVE DATE: APRIL 19, 2010.
- 3. MAP ENTITLED "EASEMENT PLAN, SIENA INVESTMENTS, LLC, MAP 111E BLOCK 1 LOT 12, 265-273 LOUDON ROAD, CONCORD, NEW HAMPSHIRE, MERRIMACK COUNTY," PREPARED BY KEACH-NORDSTROM ASSOCIATES, INC., DATED JUNE 29, 2017, LAST REVISED DECEMBER 18, 2017, RECORDED WITH THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #201800001648, TWO SHEETS.
- MAP ENTITLED "NON-RESIDENTIAL CONDOMINIUM PLAN, DUNDEE INVESTMENT ASSOCIATES, LLC, MAP 111E BLOCK 1 LOT 12, 265-273 LOUDON ROAD, CONCORD, NEW HAMPSHIRE, MERRIMACK COUNTY," PREPARED BY KEACH-NORDSTROM ASSOCIATES, INC., DATED JUNE 29, 2017, LAST REVISED DECEMBER 21, 2017, RECORDED WITH THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN
- MAP ENTITLED "UTILITY PLAN, DUNDEE INVESTMENTS, LLC, MAP 111E BLOCK 1 LOTS 2, 3, 8, 9, 10, 11, 285 & 287 LOUDON ROAD & 30, 34, 36 & 42 OLD LOUDON ROAD, CONCORD, NEW HAMPSHIRE, MERRIMACK COUNTY," PREPARED BY KEACH-NORDSTROM ASSOCIATES, INC., DATED JUNE 29, 2017.
- 6. MAP ENTITLED "NON BUILDABLE AREA EXHIBIT, DUNDEE INVESTMENT ASSOCIATES, LLC, MAP 111E, BLOCK 1, LOT 5, 285, 287 & 289 LOUDON ROAD, CONCORD, NEW HAMPSHIRE, MERRIMACK COUNTY, PREPARED BY KEACH-NORDSTROM ASSOCIATES, INC., DATED DECEMBER, 2017.
- 7. MAP ENTITLED "CRITICAL ACCESS EXHIBIT, DUNDEE INVESTMENT ASSOCIATES, LLC, MAP 111E, BLOCK 1, LOT 5, 285, 287 & 289 LOUDON ROAD, CONCORD, NEW HAMPSHIRE, MERRIMACK COUNTY, PREPARED BY KEACH-NORDSTROM ASSOCIATES, INC., DATED DECEMBER, 2017.
- 8. MAP ENTITLED "NON-RESIDENTIAL SUBDIVISION PLAN, SIENA INVESTMENTS, LLC, MAP 111C, BLOCK 2. LOT 1 & MAP 111E, BLOCK 1, LOTS 12, 14, 15, 17 & 18, LOUDON ROAD & OLD LOUDON ROAD, CONCORD, NEW HAMPSHIRE, MERRIMACK COUNTY," PREPARED BY KEACH-NORDSTROM ASSOCIATES, INC., DATED NOVEMBER 6, 2013. LAST REVISED DECEMBER 18, 2013. RECORDED WITH THE MERRIMACK COUNTY REGISTRY OF DEEDS AS PLAN #201400020710. TWO SHEETS.
- 9. MAP ENTITLED "PLANS OF PROPOSED FEDERAL AID PROJECT, NO. U-40 (7), CENTRAL ROAD." PREPARED BY THE STATE OF NEW HAMPSHIRE HIGHWAY DEPARTMENT, DATED SEPTEMBER 10, 1945. N.H. PROJECT NO. P-2055. SHEETS 5 THROUGH 7 OF 48.
- 10. MAP ENTITLED "ALTA / NSPS LAND TITLE SURVEY, 287 LOUDON ROAD, PREPARED BY CONTROL POINT ASSOCIATES, INC., DATED NOVEMBER 21, 2024, LAST REVISED DECEMBER 16, 2024.
- 11. MAP ENTITLED "UTILITY PLAN, DUNDEE INVESTMENTS, LLC, ," PREPARED BY GRANITE ENGINEERING., DATED JUNE 15, 2022, LAST REVISED OCTOBER 10, 2022.

THIS SURVEY HAS BEEN PERFORMED IN THE FIELD UNDER MY SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE, BELIEF, AND INFORMATION, THIS SURVEY HAS BEEN PERFORMED IN ACCORDANCE WITH CURRENTLY ACCEPTED ACCURACY STANDARDS.

NOT A VALID ORIGINAL DOCUMENT UNLESS EMBOSSED WITH RAISED IMPRESSION OR STAMPED WITH A BLUE INK

NEW HAMPSHIRE PROFESSIONAL LAND SURVEYOR #899



B.S.B. DRAWN: R.A.B. REVIEWED:

05-07-2025

FIELD BOOK NO.

155

R.J.K.

285 LOUDON ROAD 25-1-MA MAP 611, LOT Z38, UNIT 3 FIELD BOOK PG. CITY OF CONCORD, MERRIMACK COUNTY STATE OF NEW HAMPSHIRE FIELD CREW CONTROL POINT

BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY

ASSOCIATES, INC. CHALFONT, PA 215-712-9800 HAUPPAUGE, NY 631-580-2645 352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 508.948.3000 - 508.948.3003 FAX

**NES GROUP** 

MANHATTAN, NY 646-780-0411 MT LAUREL, NJ 609-857-2099 WARREN, NJ 908-668-0099

JOHN P. LYNCH

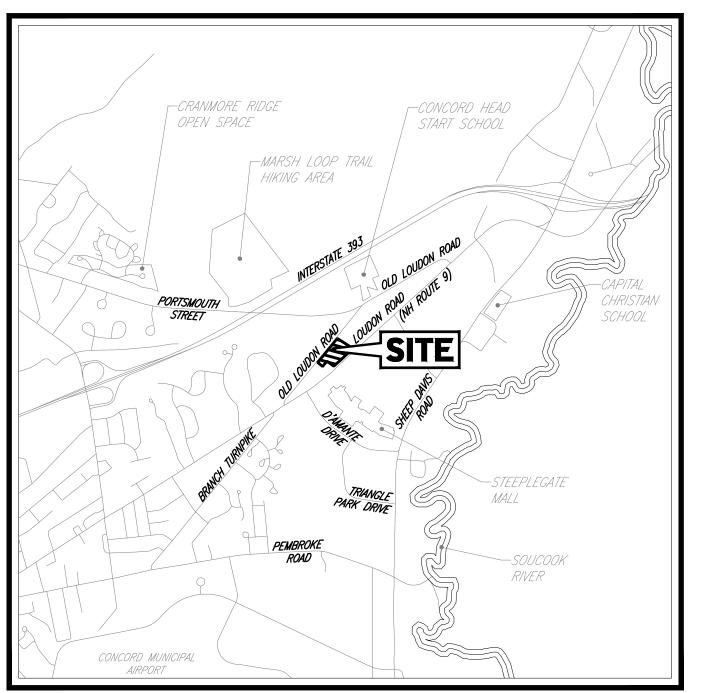
SEE SHEET 1 OF 2 FOR SITE FEATURES, REFERENCES, TOPOGRAPHY & UTILIES

APPROVED: J.P.L. 6-5-2025

DWG. NO. 03-240555-00 2 OF 2

THE STATE OF NEW HAMPSHIRE REQUIRES NOTIFICATION BY

EXCAVATORS, DESIGNERS, OR ANY PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN THE STATE.



**VICINITY MAP** 

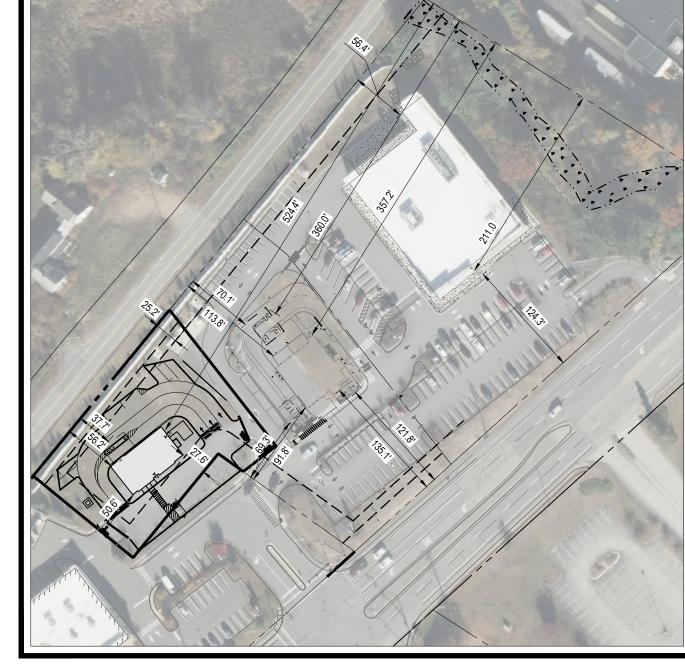
# PROPOSED SITE PLAN DOCUMENTS



**PROPOSED** 

## CREDIT UNION

**LOCATION OF SITE** 285 LOUDON ROAD CONCORD, NH 03301 MAP #611Z, LOT #38, UNIT #3



AERIAL MAP SOURCE: MICROSOFT CORPORATION

CONTACTS

### SCALE: 1" = 2,000' REFERENCES AND

### REFERENCES

♦BOUNDARY & TOPOGRAPHIC SURVEY: CONTROL POINT ASSOCIATES, INC 352 TURNPIKE ROAD SOUTHBOROUGH, MA 01772 DATED: 6-5-2025

JOB # /SURVEY JOB #03-240555-00

**ELEVATIONS: NAVD 1988** ◆GEOTECHNICAL INVESTIGATION WHITESTONE ASSOCIATES INC

35 TECHNOLOGY DRIVE WARREN, NJ 07059 DATED: MM/DD/YY ARCHITECTURAL PLAN: KRAMER & SEINFELD

1 PENN PLAZA

DOCUMENTS, BY OTHERS.

NEW YORK, NY 11111 DATED: MM/DD/YY

BY REFERENCE AS PART OF THESE PLANS, HOWEVER, BOHLER ENGINEERING DOES NOT CERTIFY THE ACCURACY OF THE WORK REFERENCED OR DERIVED FROM THESE

PROJECT PROPERTY: GMX-RP-SCU-CONCORD, LLC 3000 DUNDEE RD. #408 NORTHBROOK, IL 60062

ABUTTERS LIST: ONYX STEEPLEGATE CONCORD LLC 2116 SOUTH 17TH ST 220 RESERVOIR ST STE 3 NEEDHAM, MA 02494-3133

910 S ACADIAN THRUWAY BATON ROUGE, LA 70806-6919

33 OLD LOUDON ROAD LLC

MERRIMAC, MA 01860-2508

NEEDHAM, MA 02494-3133

CONSOLIDATED COMMUNICATIONS OF NORTHERN NEW ENGLAND CO LLC FKA NORTHERN NEW ENGLAND TELEPHONE OPERATION MATTOON, IL 61938-5973

ALDI INC (CONNECTICUT) DIRECTOR OF REAL

GROSS ACREAGE: PROPOSED USES: GROUND COVERAGE OF BUILDINGS & STRUCTURES: GROUND COVERAGE OF PARKING, LOADING & DRIVE AISLES: | 58,714 SF (29.25%) INTERNAL PARKING LOT LANDSCAPING AREA: IMPERVIOUS SURFACE COVERAGE: BUILDABLE LAND:

FLOOR AREA BY USE: PARKING SPACES REQUIRED: PARKING SPACES PROVIDED LOADING SPACES REQUIRED: LOADING SPACES PROVIDED:

#### PROPOSED PHASE II TABULATIONS:

GROSS ACREAGE: PROPOSED USES: GROUND COVERAGE OF BUILDINGS & STRUCTURES:

GROUND COVERAGE OF PARKING, LOADING & DRIVE AISLES: | 75,754 SF (37.74%) INTERNAL PARKING LOT LANDSCAPING AREA: IMPERVIOUS SURFACE COVERAGE: **BUILDABLE LAND:** FLOOR AREA BY USE:

PARKING SPACES PROVIDED: LOADING SPACES REQUIRED:

PARKING SPACES REQUIRED:

GROSS ACREAGE PROPOSED USES:

GROUND COVERAGE OF BUILDINGS & STRUCTURES: GROUND COVERAGE OF PARKING, LOADING & DRIVE AISLES: | 84,023 SF (41.86%) INTERNAL PARKING LOT LANDSCAPING AREA: IMPERVIOUS SURFACE COVERAGE: BUILDABLE LAND: FLOOR AREA BY USE:

PARKING SPACES REQUIRED: PARKING SPACES PROVIDED:

LOADING SPACES REQUIRED: LOADING SPACES PROVIDED:

KASADA LLC

CARRIER PLACE LLC 49 SHOREWOOD RD MARBLEHEAD, MA 01945-1242

1 JANA WAY UNIT B

220 RESERVOIR ST STE 3

**ESTATE** 295 RYE ST SOUTH WINDSOR, CT 06074-1219 KASADA LLC 910 S ACADIAN THRUWAY BATON ROUGE, LA 70806-6919

### **EXISTING PHASE I TABULATIONS:**

200,728 SF / 4.608 AC 200,728 SF FOR GROCERY 6.118 SF (\*10.42%) 83,894 SF (41.79%) 184,795 SF 19,054 SF FOR GROCERY (9.49%) 19,054 SF GROCERY STORE @ 1 SPACE / 250 SF = 76.2 SPACES 118 SPACES (INCLUDING 5 ACCESSIBLE SPACES AND 12 COMPACT) 19,054 SF GROCERY @ 1 SPACE FOR 5,001 - 20,000 SF RETAIL = 1 SPACE

29,826 SF FOR COMMERCIAL BUILDING (RETAIL & RESTAURANT) (WITH EASEMENT) 170,902 SF FOR GROCERY 21.520 SF (10.72%) 104,805 SF (52.21%) 184 795 SF 19,054 SF FOR GROCERY (9.49%)

> 19,054 SF GROCERY STORE @ 1 SPACE / 250 SF = 76.2 SPACES 2,466 SF RETAIL @ 1 SPACE / 200 SF TOTAL REQUIRED

89 SPACES (INCLUDING 3 ACCESSIBLE SPACES) 21,520 SF RETAIL & GROCERY @ 1 SPACE FOR 5,001 - 20,000 SF RETAIL = 2 SPACES LOADING SPACES PROVIDED:

2,466 SF FOR BANK (1.22%)

#### PROPOSED PHASE III TABULATIONS:

29,826 FOR COMMERCIAL BUILDING (RETAIL & RESTAURANT) (WITH EASEMENT) 17,306 SF FOR RESTAURANT WITH DRIVE THRU

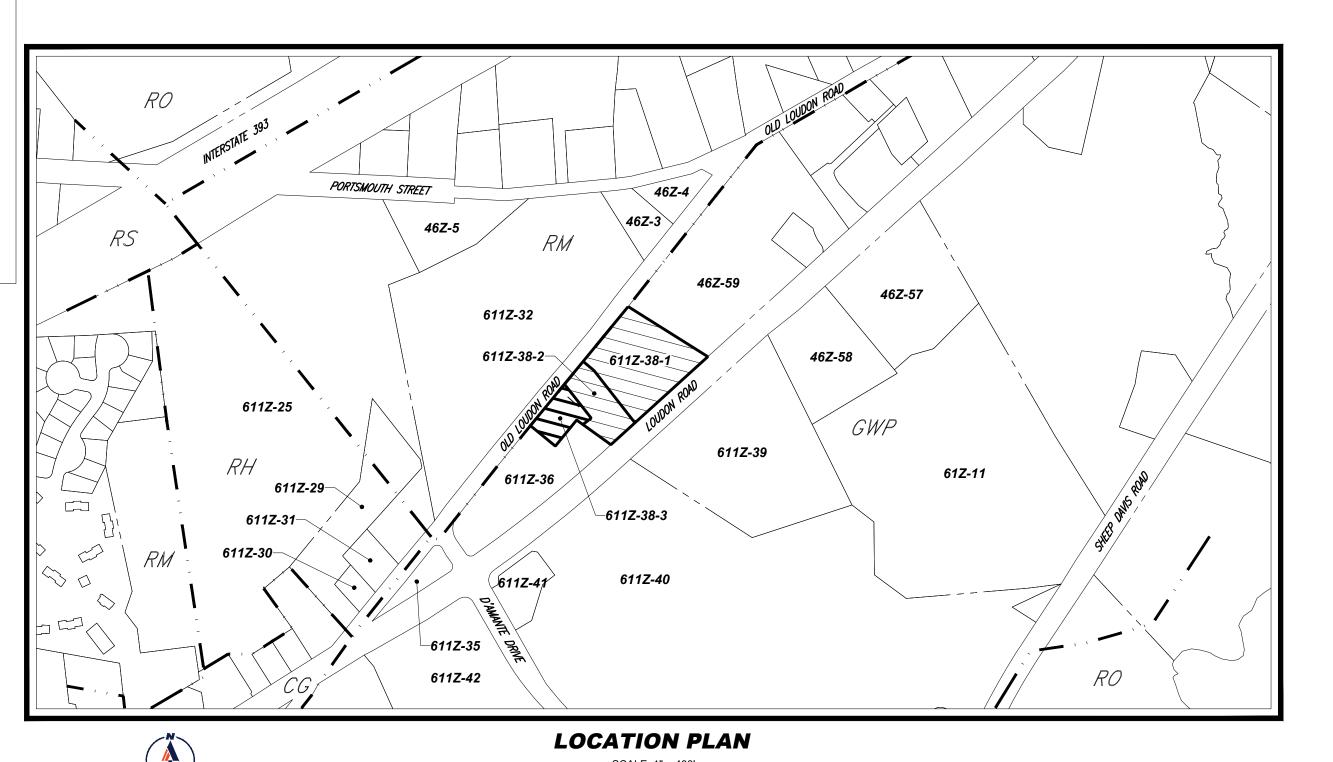
153,596 SF FOR GROCERY 25.423 SF (12.7%) 8,764 SF (\*10.43%) 127,140 SF (63.34%) 184.795 SF 19,054 SF FOR GROCERY (9.49%)

2,466 SF FOR BANK (1.22%) 1,600 SF FOR RESTAURANT WITHOUT DRIVE THRU (0.79%) 3.903 SF FOR RESTAURANT WITH DRIVE THRU (1.94%) 19,054 SF GROCERY STORE @ 1 SPACE / 250 SF = 76.2 SPACES (3,404 SF + 499 SF) RESTAURANT @ 1 SPACE / 75 SF = 52.0 SPACES 2,466 SF RETAIL @ 1 SPACE / 200 SF TOTAL REQUIRED = 140.5 SPACES

\*\*141 SPACES (INCLUDING 6 ACCESSIBLE SPACES) 21,5204 SF RETAIL & GROCERY @ 1 SPACE FOR 5,001 - 20,000 SF = 2 SPACES 2 LOADING SPACES

PERCENT OF THE TOTAL AREA OF PARKING, LOADING AND ASSOCIATED DRIVE AISLES, WHERE 5% IS REQUIRED. PARKING VARIANCE APPROVED BY THE ZONING BOARD OF ADJUSTMENT ON 08/07/2024.

T IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJE ORK SCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITU TANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF THE WORK AS DEFINED BY THE DRAWINGS AND



**OWNER** 

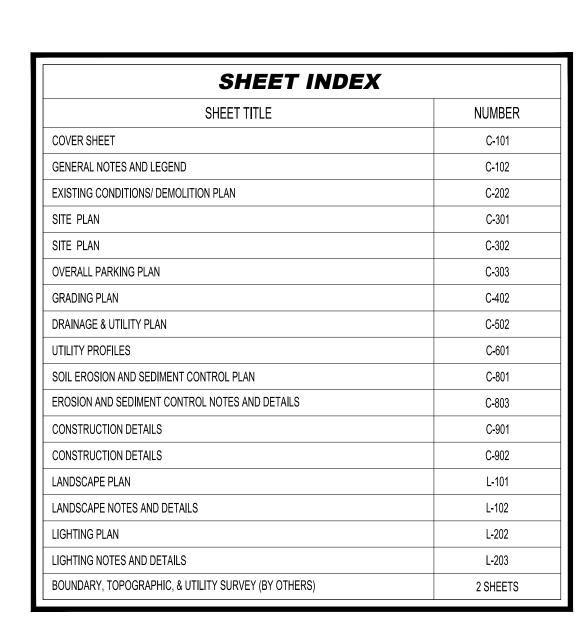
3000 DUNDEE RD. #408 NORTHBROOK, IL 60062

**DEVELOPER** SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268

PREPARED BY

SOURCE: CITY OF CONCORD GIS





**REVISIONS** REV DATE

**ISSUED FOR PERMIT** 

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THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY VIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCT DRAWN BY:

CAD I.D.: P-CIVL-CNDS

PROP. SITE PLAN **DOCUMENTS** FOR —



PROPOSED CREDIT UNION

CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3 KASADA LLC

910 S ACADIAN THRUWAY BATON ROUGE, LA 70806 APPLICANT:

SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268 PORTSMOUTH, NH 03801

**50 WASHINGTON ST., SUITE 2000** WESTBOROUGH, MA 01581 Phone: (508) 480-9900

www.BohlerEngineering.com



COVER

RECOMMENDATIONS. MUST TAKE PRECEDENCE LINESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR MUST NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER. IN WRITING, OF ANY SUCH CONFLICT, DISCREPANCY OR AMBIGUITY BETWEEN THE GEOTECHNICAL REPORT AND PLANS AND SPECIFICATIONS, PRIOR TO PROCEEDING WITH ANY FURTHER WORK. IF A GEOTECHNICAL REPORT WAS NOT CREATED, I'HEN THE CONTRACTOR MUST FOLLOW AND COMPLY WITH ALL OF THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS AND APPLICABLE SPECIFICATIONS WHICH HAVE JURISDICTION OVER THIS PROJECT. PROFESSIONAL OF RECORD AND BOHLER ARE NEITHER LIABLE NOR RESPONSIBLE FOR ANY SUBSURFACE CONDITIONS AND FURTHER. HAS NO LIABILITY FOR ANY HAZARDOUS MATERIALS. HAZARDOUS SUBSTANCES, OR POLLUTANTS ON ABOUT OR UNDER THE PROPERTY THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN AND WHERE SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED.

DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO

DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE. ALL DEMOLITION AND CONSTRUCTION WASTES, UNSUITABLE EXCAVATED MATERIAL, EXCESS

SOIL AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL MUNICIPAL, COUNTY, STATE,

ASSURE THE STABILITY OF ADJACENT, NEARBY AND CONTIGUOUS STRUCTURES AND PROPÉRTIES. ALL OF THIS WORK IS TO BE PERFORMED AT CONTRACTOR'S SOLE COST AND EXPENSE. THE CONTRACTOR MUST EXERCISE EXTREME CAUTION WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC. WHICH ARE TO REMAIN EITHER FOR AN INITIAL PHASE OF THE PROJECT OR AS PART OF THE FINAL CONDITION. THE CONTRACTOR IS RESPONSIBLE FOR TAKING ALL APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, UTILITIES. BUILDINGS, AND INFRASTRUCTURE WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA FOR THIRD PARTIES, PEDESTRIANS AND ANYONE

AND FEDERAL LAWS AND APPLICABLE CODES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER THE CONTRACTOR. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES. TO BE PROMPTLY PROVIDED TO THE OWNER UPON REQUEST THE CONTRACTOR MUST REPAIR. AT CONTRACTOR'S SOLE COST. ALL DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC. AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME TO INCLUDE, BUT NOT BE LIMITED TO, REDESIGN, RE-SURVEY, RE-PERMITTING AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST REPLACE ALL SIGNAL INTERCONNECTION CABLE. WIRING CONDUITS, AND ANY LINDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY MUST RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER

REGULATIONS, STATUTORY REQUIREMENTS AND STATUTES. THE CONTRACTOR MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE CONTRACTOR MUST, PROMPTLY, DOCUMENT ALL EXISTING DAMAGE AND NOTIFY, IN WRITING, THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR AND HAVE NO CONTRACTUAL. LEGAL OR OTHER RESPONSIBILITIES FOR JOB SITE SAFETY JOB SITE SUPERVISION, OR ANYTHING RELATED TO SAME, THE PROFESSIONAL OF RECORD AND BOHLER HAVE NOT BEEN RETAINED TO PERFORM OR TO BE RESPONSIBLE FOR JOB SITE SAFETY, SAME BEING WHOLLY OUTSIDE OF PROFESSIONAL OF RECORD'S AND BOHLER SERVICES AS RELATED TO THE PROJECT. THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE TO IDENTIFY OR REPORT ANY JOB SITE SAFETY ISSUES OR ANY JOB SITE CONDITIONS. AT ANY TIME

IHAN THE CONDITIONS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION, AND IN CONFORMANCE WITH APPLICABLE CODES, LAWS, RULES,

THE CONTRACTOR MUST IMMEDIATELY IDENTIFY IN WRITING TO THE PROFESSIONAL OF RECORD AND BOHLER. ANY DISCREPANCIES THAT MAY OR COULD AFFECT THE PUBLIC SAFETY HEALTH OR GENERAL WELFARE OR PROJECT COST, IF THE CONTRACTOR PROCEEDS WITH CONSTRUCTION WITHOUT PROVIDING PROPER WRITTEN NOTIFICATION AS DESCRIBED ABOVE IT WILL BE AT THE CONTRACTOR'S OWN RISK AND FURTHER THE CONTRACTOR MUST INDEMNIFY, DEFEND AND HOLD HARMLESS THE PROFESSIONAL OF RECORD AND BOHLER FOR ANY AND ALL DAMAGES, COSTS, NJURIES, ATTORNEY'S FEES AND THE LIKE WHICH RESULT FROM OR ARE IN ANY WAY RELATED TO SAME INCLUDING, BUT NOT LIMITED TO, ANY THIRD PARTY AND FIRST PARTY CLAIMS.

THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY INJURY OR DAMAGES RESULTING FROM THE CONTRACTOR'S FAILURE TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH THE APPROVED PLANS, AND CURRENT CODES, RULES, STATUTES AND THE LIKE JE THE CONTRACTOR AND/OR OWNER FAIL TO BUILD OR CONSTRUCT IN STRICT ACCORDANCE WITH APPROVED PLANS, RULES, STATUTES, CODES AND THE LIKE, THE CONTRACTOR AND/OR OWNER AGREE TO AND MUST JOINTLY, INDEPENDENTLY, SEPARATELY, AND SEVERALLY INDEMNIFY AND HOLD THE PROFESSIONAL OF RECORD AND BOHLER HARMLESS FOR AND FROM ALL INJURIES, CLAIMS AND DAMAGES THAT PROFESSIONAL OF RECORD AND BOHLER SUFFER AND ANY AND ALL COSTS THAT PROFESSIONAL OF RECORD AND BOHLER INCUR AS RELATED TO SAME. ALL CONTRACTORS MUST CARRY AT LEAST THE MINIMUM AMOUNT OF THE SPECIFIED AND COMMERCIALLY REASONABLE STATUTORY WORKER'S DLOVED'S LIABILITY INSLIDANCE AND COMMEDCIAL GENEDAL LIABILI UMBRELLA COVERAGES, ALL CONTRACTORS MUST HAVE THEIR CGL POLICIES ENDORSED TO NAME BOHLER. AND ITS PAST, PRESENT AND FUTURE

OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS. EMPLOYEES. AFFILIATES, SUBSIDIARIES, AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AS ADDITIONAL NAMED INSUREDS AND TO PROVIDE CONTRACTUAL LIABILITY COVERAGE SUFFICIENT TO INSURE (DEFEND, IF APPLICABLE) AND HOLD HARMLESS AND INDEMNITY OBLIGATIONS ASSUMED AND AGREED TO BY THE CONTRACTOR HEREIN. ALL CONTRACTORS MUST FURNISH BOHLER WITH CERTIFICATIONS OF INSURANCE OR CERTIFICATES OF INSURANCE AS EVIDENCE OF THE REQUIRED INSURANCE COVERAGES PRIOR TO COMMENCING ANY WORK AND UPON RENEWAL OF EACH POLICY DURING THE ENTIRE PERIOD OF CONSTRUCTION AND FOR TWO YEARS AFTER THE COMPLETION OF CONSTRUCTION AND AFTER ALL PERMITS ARE ISSUED, WHICHEVER DATE IS LATER. IN ADDITION, ALL CONTRACTORS AGREE THAT THEY WILL, TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, INDEMNIFY, DEFEND AND HOLD HARMLESS BOHLER AND ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS,

AND RELATED ENTITIES, AND ITS SUBCONTRACTORS AND SUBCONSULTANTS FROM AND AGAINST ANY DAMAGES, INJURIES, CLAIMS, ACTIONS PENALTIES EXPENSES PUNITIVE DAMAGES TORT DAMAGES STATUTORY CLAIMS STATUTORY CAUSES OF ACTION LOSSES CAUSES OF ACTION LIABILITIES OR COSTS, INCLUDING, BUT NOT LIMITED TO REASONABLE ATTORNEYS' FEES AND DEFENSE COSTS, ARISING OUT OF OR IN ANY WAY. CONNECTED WITH OR TO THE PROJECT, INCLUDING ALL CLAIMS BY EMPLOYEES OF THE CONTRACTOR(S), ALL CLAIMS BY THIRD PARTIES AND ALL CLAIMS RELATED TO THE PROJECT. THE CONTRACTOR MUST NOTIFY PROFESSIONAL OF RECORD, IN WRITING, AT LEAST THIRTY (30) DAYS PRIOR TO ANY TERMINATION, SUSPENSION OR CHANGE OF ITS INSURANCE HEREUNDER.

DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES,

GENERALLY OR FOR THE CONSTRUCTION MEANS. METHODS. TECHNIQUES OR PROCEDURES FOR COMPLETION OF THE WORK DEPICTED BOTH ON THESE PLANS, AND FOR ANY CONFLICTS IN SCOPE AND REVISIONS THAT RESULT FROM SAME. THE CONTRACTOR IS FULLY AND SOLELY RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS FOR COMPLETION OF THE WORK, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. NEITHER THE PROFESSIONAL ACTIVITIES OF BOHLER, NOR THE PRESENCE OF BOHLER AND/OR ITS PAST, PRESENT AND FUTURE OWNERS, OFFICERS, DIRECTORS, PARTNERS, SHAREHOLDERS, MEMBERS, PRINCIPALS, COMMISSIONERS, AGENTS, SERVANTS, EMPLOYEES, AFFILIATES, SUBSIDIARIES. AND RELATED ENTITIES. AND ITS SUBCONTRACTORS AND SUBCONSULTANTS AT A CONSTRUCTION/PROJECT SITE (HEREIN "BOHLER PARTIES") RELIEVES OR WILL RELIEVE THE CONTRACTOR OF AND FROM CONSTRUCTION MEANS METHODS SEQUENCE TECHNIQUES OR PROCEDURES NECESSARY FOR PERFORMING OVERSEEING SUPERINTENDING AND COORDINATING THE WORK IN ACCORDANCE WITH THE

THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR CONSTRUCTION METHODS, MEANS, TECHNIQUES OR PROCEDURES,

CONTRACT DOCUMENTS AND COMPLIANCE WITH ALL HEALTH AND SAFETY PRECAUTIONS REQUIRED BY ANY REGULATORY AGENCIES WITH IURISDICTION OVER THE PROJECT AND/OR PROPERTY, BOHLER PARTIES HAVE NO AUTHORITY TO EXERCISE ANY CONTROL OVER (OR AN) RESPONSIBILITY FOR) ANY CONSTRUCTION, THE CONTRACTOR OR ITS EMPLOYEES RELATING TO THEIR WORK AND ANY AND ALL HEALTH AND SAFETY PROGRAMS OR PROCEDURES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB SITE SAFETY. THE CONTRACTOR MUST INDEMNIFY, DEFEND PROTECT AND HOLD HARMLESS BOHLER PARTIES FOR AND FROM ANY LIABILITY TO BOHLER PARTIES RESULTING FROM THE CONTRACTOR'S WORK, SERVICES AND/OR VIOLATIONS OF THIS NOTE, THESE NOTES OR ANY NOTES IN THE PLAN SET AND, FURTHER, THE

CONTRACTOR MUST NAME BOHLER AS AN ADDITIONAL INSURED UNDER THE GENERAL CONTRACTOR'S POLICIES OF GENERAL LIABILITY INSURANCE AS DESCRIBED ABOVE WHEN IT IS CLEARLY AND SPECIFICALLY WITHIN BOHLER'S SCOPE OF SERVICES CONTRACT WITH THE OWNER/DEVELOPER, BOHLER WILL REVIEW OR TAKE OTHER APPROPRIATE ACTION ON THE CONTRACTOR SUBMITTALS, SUCH AS SHOP DRAWINGS, PRODUCT DATA, SAMPLES, AND OTHER DATA, WHICH THE CONTRACTOR IS REQUIRED TO SUBMIT. BUT ONLY FOR THE LIMITED PURPOSE OF EVALUATING CONFORMANCE WITH THE DESIGN INTENT AND THE INFORMATION SHOWN IN THE CONSTRUCTION CONTRACT DOCUMENTS. CONSTRUCTION MEANS AND METHODS AND/OR TECHNIQUES OR PROCEDURES, COORDINATION OF THE WORK WITH OTHER TRADES, AND CONSTRUCTION SAFETY PRECAUTIONS ARE THE SOLE SITE LAYOUT NOTES RESPONSIBILITY OF THE CONTRACTOR AND BOHLER HAS NO RESPONSIBILITY OR LIABILITY FOR SAME. BOHLER WILL PERFORM ITS SHOP DRAWING

REVIEW WITH REASONABLE PROMPTNESS, AS CONDITIONS PERMIT. ANY DOCUMENT, DOCUMENTING BOHLER'S REVIEW OF A SPECIFIC ITEM C

LIMITED SCOPE, MUST NOT INDICATE THAT BOHLER HAS REVIEWED THE ENTIRE ASSEMBLY OF WHICH THE ITEM IS A COMPONENT. BOHLER IS NOT

RESPONSIBLE FOR ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR MUST, IN WRITING, PROMPTLY AND IMMEDIATELY BRING ANY DEVIATIONS FROM THE CONSTRUCTION DOCUMENTS TO BOHLER'S ATTENTION. BOHLER IS NOT REQUIRED TO REVIEW PARTIAL SUBMISSIONS OR THOSE FOR WHICH SUBMISSIONS OF CORRELATED ITEMS HAVE NOT BEEN RECEIVED. IF THE CONTRACTOR DEVIATES FROM THESE PLANS AND/OR SPECIFICATIONS, INCLUDING THE NOTES CONTAINED HEREIN, WITHOUT FIRST OBTAINING THE PRIOR WRITTEN AUTHORIZATION OF THE PROFESSIONAL OF RECORD AND BOHLER FOR ALL DEVIATIONS WITHIN PROFESSIONAL OF RECORD'S SCOPE, THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL COSTS INCURRED IN CORRECTING ANY WORK PERFORMED WHICH DEVIATES FROM THE PLANS, ALL FINES AND/OR PENALTIES ASSESSED WITH RESPECT THERETO AND ALL COMPENSATORY OR PUNITIVE DAMAGES RESULTING THEREFROM AND FURTHER MUST DEFEND INDEMNIFY PROTECT, AND HOLD HARMLESS THE PROFESSIONAL OF

COSTS, JUDGMENTS, CLAIMS, INJURIES, PENALTIES AND THE LIKE RELATED TO SAME. THE CONTRACTOR IS RESPONSIBLE FOR A MAINTAINING AND PROTECTING THE TRAFFIC CONTROL PLAN AND ELEMENTS IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS, FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE RIGHT OF WAY OR ON SITE. THE COST FOR THIS ITEM MUST BE INCLUDED IN THE CONTRACTOR'S PRICE AND IS THE CONTRACTOR'S SOLE RESPONSIBILITY OWNER MUST MAINTAIN AND PRESERVE ALL PHYSICAL SITE FEATURES AND DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS IN STRICT ACCORDANCE WITH THE APPROVED PLAN(S) AND DESIGN: AND. FURTHER, THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR ANY FAILURE TO SO MAINTAIN OR PRESERVE SITE AND/OR DESIGN FEATURES. IF OWNER FAILS TO MAINTAIN AND/OR PRESERVE ALL PHYSICAL SITE FEATURES AND/OR DESIGN FEATURES DEPICTED ON THE PLANS AND RELATED DOCUMENTS, OWNER AGREES TO INDEMNIF

RECORD AND BOHLER INCUR AS A RESULT OF SAID FAILURE OR FAILURE TO PRESERVE. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION ACTIVITIES AND MATERIALS COMPLY WITH AND CONFORM TO APPLICABLE FEDERAL. STATE AND LOCAL RULES AND REGULATIONS, LAWS, ORDINANCES, AND CODES, AND ALL APPLICABLE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, (29 U.S.C. 651 ET SEQ.) AS AMENDED, AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS

MANUFACTURER'S STANDARDS AND RECOMMENDED INSTALLATION CRITERIA AND SPECIFICATIONS. IF THE CONTRACTOR AND/OR OWNER FAIL TO

DO SO, THEY AGREE TO JOINTLY, INDEPENDENTLY, SEPARATELY, COLLECTIVELY, AND SEVERALLY INDEMNIFY, DEFEND, PROTECT AND HOLD

AND HOLD THE PROFESSIONAL OF RECORD AND BOHLER PARTIES, HARMLESS FOR ALL INJURIES, DAMAGES AND COSTS THAT PROFESSIONAL OF

THE CONTRACTOR MUST STRICTLY COMPLY WITH THE LATEST AND CURRENT OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION OVER EXCAVATION AND TRENCHING PROCEDURES. PROFESSIONAL OF RECORD AND BOHLER HAS NO RESPONSIBILITY FOR OR AS RELATED TO EXCAVATION AND TRENCHING PROCEDURES AND WORK THE CONTRACTOR AND THE OWNER MUST INSTALL ALL ELEMENTS AND COMPONENTS IN STRICT COMPLIANCE WITH AND IN ACCORDANCE WITH

PROFESSIONAL OF RECORD AND BOHLER PARTIES HARMLESS FOR ALL INJURIES AND DAMAGES THAT PROFESSIONAL OF RECORD SUFFERS AND COSTS THAT PROFESSIONAL OF RECORD INCURS AS A RESULT OF SAID FAILURE. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN AN ON-SITE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IN COMPLIANCE WITH THE ENVIRONMENTAL PROTECTION AGENCY (EPA) REQUIREMENTS OR LOCAL GOVERNING AGENCY FOR SITES WHERE ONE (1) ACRE OR MORE IS DISTURBED BY CONSTRUCTION ACTIVITIES (UNLESS THE LOCAL JURISDICTION REQUIRES A DIFFERENT THRESHOLD). THE CONTRACTOR MUST INSURE THAT ALL ACTIVITIES, INCLUDING THOSE OF ALL SUBCONTRACTORS, ARE IN COMPLIANCE WITH THE SWPPP, INCLUDING BUT NOT LIMITED

THE CONTRACTOR IS SOLELY AND COMPLETELY RESPONSIBLE FOR FAILING TO DO SO.

AS CONTAINED IN THESE DRAWINGS AND ASSOCIATED DOCUMENTS PREPARED BY THE PROFESSIONAL OF RECORD AND BOHLER. THE LISE OF THE WORDS 'CERTIFY' OR 'CERTIFICATION' CONSTITUTE(S) AN EXPRESSION ONLY OF PROFESSIONAL OPINION REGARDING THE INFORMATION WHICH IS THE SUBJECT OF THE PROFESSIONAL OF RECORD'S AND BOHLER KNOWLEDGE OR BELIEF AND IN ACCORDANCE WITH COMMON AND ACCEPTED PROCEDURE CONSISTENT WITH THE APPLICABLE STANDARDS OF PRACTICE, AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE OF ANY NATURE OR TYPE, EITHER EXPRESSED OR IMPLIED, UNDER ANY CIRCUMSTANCES

OGGING ACTIVITIES (MINIMUM ONCE PER WEEK AND AFTER RAINFALL EVENTS) AND CORRECTIVE MEASURES, AS APPROPRIATE AND FURTHER,

**DEMOLITION NOTES** 

WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.

THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES. IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY

THE CONTRACTOR MUST CONDUCT DEMOLITION/REMOVALS ACTIVITIES IN SUCH A MANNER AS TO ENSURE MINIMUM INTERFERENCE WITH ROADS. STREETS, SIDEWALKS, WALKWAYS, AND ALL OTHER ADJACENT FACILITIES, THE CONTRACTOR MUST OBTAIN ALL APPLICABLE PERMITS FROM THE APPROPRIATE GOVERNMENTAL AUTHORITY(IES) PRIOR TO THE COMMENCEMENT OF ANY ROAD OPENING OR DEMOLITION ACTIVITIES IN OR ADJACENT TO THE RIGHT-OF-WA WHEN DEMOLITION-RELATED ACTIVITIES IMPACT ROADWAYS AND/OR ROADWAY RIGHT-OF-WAY, THE CONTRACTOR MUST PROVIDE TRAFFIC CONTROL AND GENERALLY ACCEPTED SAFE PRACTICES IN CONFORMANCE WITH THE CURRENT FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), AND THE FEDERAL, STATE, AND LOCAL

REGULATIONS THE DEMOLITION (AND/OR REMOVALS) PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION AND TO IDENTIFY ONLY ONDITIONS REGARDING ITEMS TO BE DEMOLISHED, REMOVED, AND/OR TO REMAIN. THE CONTRACTOR MUST ALSO REVIEW ALL CONSTRUCTION DOCUMENTS AND INCLUDE WITHIN THE DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS THIS PLAN IS NOT INTENDED TO AND DOES NOT PROVIDE DIRECTION REGARDING THE MEANS METHODS. SEQUENCING TECHNIQUES AND PROCEDURES TO BE EMPLOYED TO ACCOMPLISH THE WORK, ALL MEANS, METHODS, SEQUENCING

ECHNIQUES AND PROCEDURES TO BE USED MUST BE IN STRICT ACCORDANCE AND CONFORMANCE WITH ALL STATE,

FEDERAL LOCAL AND JURISDICTIONAL REQUIREMENTS THE CONTRACTOR MUST COMPLY WITH ALL OSHA AND OTHER

THE CONTRACTOR MUST PROVIDE ALL "METHODS AND MEANS" NECESSARY TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF EXISTING STRUCTURES, AND ANY OTHER IMPROVEMENTS THAT ARE REMAINING ON OR OFF SITE. THE CONTRACTOR, AT THE CONTRACTOR'S SOLE COST, MUST REPAIR ALL DAMAGE TO ALL ITEMS AND FEATURES THAT ARE TO REMAIN. CONTRACTOR MUST USE NEW MATERIAL FOR ALL REPAIRS. CONTRACTOR'S REPAIRS MUST INCLUDE THE RESTORATION OF ALL ITEMS AND FEATURES REPAIRED TO THEIR PRE-DEMOLITION CONDITION, OR BETTER. CONTRACTOR MUST PERFORM ALL REPAIRS AT THE CONTRACTOR'S SOLE EXPENSE.

THE PROFESSIONAL OF RECORD AND BOHLER ARE NOT RESPONSIBLE FOR JOB SITE SAFETY OR SUPERVISION. THE

CONTRACTOR MUST PROCEED WITH THE DEMOLITION IN A SYSTEMATIC AND SAFE MANNER COMPLYING WITH ALL OSHA

REQUIREMENTS, TO ENSURE PUBLIC AND CONTRACTOR SAFETY AND SAFETY TO ALL PROPERTY ON THE SITE OR ADJACENT OR

SAFETY PRECAUTIONS NECESSARY TO PROVIDE A SAFE WORK SITE FOR THE CONTRACTOR AND THE PUBLIC.

NEAR TO THE SAME. THE CONTRACTOR IS RESPONSIBLE FOR JOB SITE SAFETY, WHICH MUST INCLUDE, BUT IS NOT LIMITED TO, THE INSTALLATION AND MAINTENANCE OF BARRIERS, FENCING, OTHER APPROPRIATE AND/OR NECESSARY SAFETY FEATURES AND ITEMS NECESSARY TO PROTECT THE PUBLIC FROM AREAS OF CONSTRUCTION AND CONSTRUCTION ACTIVITIES. THE CONTRACTOR MUST SAFEGUARD THE SITE AS NECESSARY TO PERFORM THE DEMOLITION IN SUCH A MANNER AS TO PREVENT THE ENTRY OF ALL UNAUTHORIZED PERSONS AT ANY TIME. TO OR NEAR THE DEMOLITION AREA. PRIOR TO THE COMMENCEMENT OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY, THE CONTRACTOR MUST. IN WRITING RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS AND/OR SPECIFICATIONS. ALL CONCERNS OR

QUESTIONS REGARDING THE APPLICABLE SAFETY STANDARDS, AND/OR THE SAFETY OF THE CONTRACTOR AND/OR THIR PARTIES IN PERFORMING THE WORK ON THIS PROJECT. ANY SUCH CONCERNS MUST BE CONVEYED TO THE PROFESSIONAL OF RECORD AND BOHLER. IN WRITING AND MUST ADDRESS ALL ISSUES AND ITEMS RESPONDED TO. BY THE PROFESSIONAL OF RECORD AND BY BOHLER. IN WRITING. ALL DEMOLITION ACTIVITIES MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL. STATE AND LOCAL REGULATIONS. RULES. REQUIREMENTS, STATUTES, ORDINANCES AND CODES. THE CONTRACTOR MUST BECOME FAMILIAR WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AND/OR DISCONNECTION AS IDENTIFIED OR REQUIRED FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES

PRIOR TO COMMENCING ANY DEMOLITION, THE CONTRACTOR MUST A. OBTAIN ALL REQUIRED PERMITS AND MAINTAIN THE SAME ON SITE FOR REVIEW BY THE PROFESSIONAL OF RECORD AND ALL PUBLIC AGENCIES WITH JURISDICTION THROUGHOUT THE DURATION OF THE PROJECT, SITE WORK, AND DEMOLITION B. NOTIFY, AT A MINIMUM, THE MUNICIPAL ENGINEER, DESIGN ENGINEER, AND LOCAL SOIL CONSERVATION JURISDICTION, AT

AND SERVICES HAVE BEEN TERMINATED. REMOVED AND/OR ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY

COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.

LEAST 72 BUSINESS HOURS PRIOR TO THE COMMENCEMENT OF WORK. INSTALL THE REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO SITE DISTURBANCE, AND MAINTAIN SAID CONTROLS UNTIL SITE IS STABILIZED IN ACCORDANCE WITH STATE LAW, THE CONTRACTOR MUST CALL THE STATE ONE-CALL DAMAGE PROTECTION SYSTEM FOR UTILITY MARK OUT. IN ADVANCE OF ANY EXCAVATION. LOCATE AND PROTECT ALL LITHLITIES AND SERVICES, INCLUDING BUT NOT LIMITED TO GAS, WATER, ELECTRIC, SANITARY

AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN AND ADJACENT TO THE LIMITS OF PROJECT ACTIVITIES. THE CONTRACTOR MUST USE AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL UNDERGROUND UTILITIES PROTECT AND MAINTAIN IN OPERATION, ALL ACTIVE UTILITIES AND SYSTEMS THAT ARE NOT BEING REMOVED DURING ANY DEMOLITION ACTIVITIES ARRANGE FOR AND COORDINATE WITH THE APPLICABLE LITHLITY SERVICE PROVIDER(S) FOR THE TEMPORARY OR

PERMANENT TERMINATION OF SERVICE REQUIRED BY THE PROJECT PLANS AND SPECIFICATIONS REGARDING THE METHODS AND MEANS TO CONSTRUCT SAME. THESE ARE NOT THE PROFESSIONAL OF RECORD'S OR BOHLER RESPONSIBILITY. IN THE EVENT OF ABANDONMENT. THE CONTRACTOR MUST PROVIDE THE UTILITY ENGINEER AND OWNER NITH IMMEDIATE WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH JURISDICTIONAL AND UTILITY COMPANY REQUIREMENTS. ARRANGE FOR AND COORDINATE WITH THE APPLICABLE UTILITY SERVICE PROVIDER(S) REGARDING WORKING "OFF-PEAK"

HOURS OR ON WEEKENDS AS NECESSARY OR AS REQUIRED TO MINIMIZE THE IMPACT ON, OF, AND TO THE AFFECTED PARTIES. WORK REQUIRED TO BE PERFORMED "OFF-PEAK" IS TO BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER. IN THE EVENT THE CONTRACTOR DISCOVERS ANY HAZARDOUS MATERIAL. THE REMOVAL OF WHICH IS NOT ADDRESSED IN THE PROJECT PLANS AND SPECIFICATIONS OR THE CONTRACT WITH THE OWNER/DEVELOPER, THE CONTRACTOR MUST IMMEDIATELY CEASE ALL WORK IN THE AREA OF DISCOVERY, AND IMMEDIATELY NOTIFY, IN WRITING AND VERBALLY, THE OWNER, PROFESSIONAL OF RECORD AND BOHLER, THE DISCOVERY OF SUCH MATERIALS TO PURSUE PROPER AND COMPLIANT REMOVAL OF SAME.

THE CONTRACTOR MUST NOT PERFORM ANY EARTH MOVEMENT ACTIVITIES, DEMOLITION OR REMOVAL OF FOUNDATION WALLS, FOOTINGS, OR OTHER MATERIALS WITHIN THE LIMITS OF DISTURBANCE, UNLESS SAME IS IN STRICT ACCORDANCE AND CONFORMANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, OR PURSUANT TO THE WRITTEN DIRECTION OF THE OWNER'S STRUCTURAL OR GEOTECHNICAL ENGINEER. DEMOLITION ACTIVITIES AND FOUIPMENT MUST NOT USE OR INCLUDE AREAS OUTSIDE THE DEFINED PROJECT LIMIT LINE WITHOUT SPECIFIC WRITTEN PERMISSION AND AUTHORITY OF AND FROM THE OWNER AND ALL GOVERNMENTAL AGENCIES WITH JURISDICTION.

THE CONTRACTOR MUST BACKELL ALL EXCAVATION RESULTING FROM OR INCIDENTAL TO DEMOLITION ACTIVITIES. BACKELL MUST BE ACCOMPLISHED WITH APPROVED BACKFILL MATERIALS AND MUST BE SUFFICIENTLY COMPACTED TO SUPPORT ALL NEW IMPROVEMENTS AND MUST BE PERFORMED IN COMPLIANCE WITH THE RECOMMENDATIONS AND GUIDANCE ARTICULATED IN THE GEOTECHNICAL REPORT BACKEILLING MUST OCCUR IMMEDIATELY AFTER DEMOLITION ACTIVITIES AND MUST BE PERFORMED SO AS TO PREVENT WATER ENTERING THE EXCAVATION. FINISHED SURFACES MUST BE GRADED TO PROMOTE POSITIVE DRAINAGE. THE CONTRACTOR IS RESPONSIBLE FOR COMPACTION TESTING AND MUST SUBMIT SUCH REPORTS AND RESULTS TO THE PROFESSIONAL OF RECORD AND THE OWNER.

NECESSARY AND REQUIRED GOVERNMENTAL AUTHORITIES. PRIOR TO COMMENCING ANY EXPLOSIVE PROGRAM AND/OR ANY DEMOLITION ACTIVITIES. THE CONTRACTOR MUST ENSURE AND OVERSEE THE INSTALLATION OF ALL OF THE REQUIRED PERMIT EXPLOSIVE CONTROL MEASURES THAT THE FEDERAL STATE AND LOCAL GO ALSO RESPONSIBLE TO CONDUCT AND PERFORM ALL INSPECTION AND SEISMIC VIBRATION TESTING THAT IS REQUIRED TO MONITOR THE EFFECTS ON ALL LOCAL STRUCTURES AND THE LIKE. IN ACCORDANCE WITH FEDERAL, STATE, AND/OR LOCAL STANDARDS, THE CONTRACTOR MUST USE DUST CONTROL MEASURES

EXPLOSIVES MUST NOT BE USED WITHOUT PRIOR WRITTEN CONSENT FROM BOTH THE OWNER AND ALL APPLICABLE,

TO LIMIT AIRBORNE DUST AND DIRT RISING AND SCATTERING IN THE AIR. AFTER THE DEMOLITION IS COMPLETE, THE CONTRACTOR MUST CLEAN ALL ADJACENT STRUCTURES AND IMPROVEMENTS TO REMOVE ALL DUST AND DEBRIS WHICH THE DEMOLITION OPERATIONS CAUSE. THE CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL ADJACENT AREAS TO THEIR "PRE-DEMOLITION" CONDITION AT CONTRACTOR'S SOLE COST PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS OUTSIDE OF APPROVED AREAS WILL NOT BE PERMITTED, INCLUDING BUT NOT LIMITED TO, THE PUBLIC RIGHT-OF-WAY.

THE CONTRACTOR MUST MAINTAIN A RECORD SET OF PLANS WHICH INDICATES THE LOCATION OF EXISTING UTILITIES THAT ARE CAPPED ABANDONED IN PLACE OR RELOCATED DUE TO DEMOLITION ACTIVITIES. THIS RECORD DOCUMENT MUST BE PREPARED IN A NEAT AND WORKMAN-LIKE MANNER AND TURNED OVER TO THE OWNER/DEVELOPER UPON COMPLETION OF THE WORK, ALL OF WHICH IS AT THE CONTRACTOR'S SOLE COST. THE CONTRACTOR MUST EMPTY. CLEAN AND REMOVE FROM THE SITE ALL UNDERGROUND STORAGE TANKS. IF ENCOUNTERED N ACCORDANCE WITH FEDERAL, STATE, COUNTY AND LOCAL REQUIREMENTS, PRIOR TO CONTINUING CONSTRUCTION IN THE

#### SOIL EROSION & SEDIMENT CONTROL PLAN NOTES

AREA AROUND THE TANK WHICH EMPTYING, CLEANING AND REMOVAL ARE AT THE CONTRACTOR'S SOLE COST.

THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT. DOCUMENTS THE GENERAL NOTES ARE REFERENCED HEREIN AND CONTRACTOR MUST REFER TO THEM. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCORDANCE WITH ALL OF THE MANUFACTURER'S RECOMMENDATIONS

REQUIRES TO PREVENT THE DISCHARGE OF SEDIMENT LADEN RUNOFF FROM EXITING THE SITE THE CONTRACTOR IS RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE SITE UNTIL PERMANENT STABILIZATION IS ESTABLISHED UNLESS INDICATED OTHERWISE IN LOCAL. STATE AND/OR FEDERAL PROJECT APPROVALS. THE COST OF INSTALLING AND MAINTAINING THE EROSION CONTROL MEASURES MUST BE INCLUDED IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS RESPONSIBLE FOR ALL SUCH COSTS.

CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL MEASURES IF ENGINEER OR JURISDICTIONAL AGENCY SO

WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES.

GUIDELINES RULES REGULATIONS STANDARDS AND THE LIKE

ACCORDANCE WITH THE DETAILS. UNLESS NOTED CLEARLY OTHERWISE

THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY

PRIOR TO THE COMMENCEMENT OF GENERAL CONSTRUCTION, THE CONTRACTOR MUST INSTALL SOIL FROSION CONTROL AND ANY STORMWATER POLLUTION PREVENTION PLAN (SWPPP) MEASURES NECESSARY, AS INDICATED ON THE APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN AND IN ACCORDANCE WITH APPLICABLE AND/OR APPROPRIATE AGENCIES' GUIDELINES O PREVENT SEDIMENT AND/OR LOOSE DEBRIS FROM WASHING ONTO ADJACENT PROPERTIES OR THE RIGHT OF WAY ALL DIRECTIONAL/TRAFFIC SIGNING AND PAVEMENT STRIPING MUST CONFORM TO THE LATEST STANDARDS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY APPLICABLE STATE OR LOCALLY APPROVED SUPPLEMENTS, RECORD AND BOHLER PARTIES TO THE FULLEST EXTENT PERMITTED UNDER THE LAW, FOR AND FROM ALL FEES, ATTORNEYS' FEES, DAMAGES.

> THE LOCATIONS OF PROPOSED UTILITY POLES AND TRAFFIC SIGNS SHOWN ON THE PLANS ARE SCHEMATIC AND PRELIMINARY.
>
> OUTSIDE SOURCE NOTES THE CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD-VERIFYING THEIR LOCATION. THE CONTRACTOR MUST COORDINATE THE RELOCATION OF TRAFFIC SIGNS WITH THE ENTITY WITH JURISDICTION OVER THE PROJECT ALL DIMENSIONS SHOWN ARE TO BOTTOM FACE OF CURB, EDGE OF PAVEMENT, OR EDGE OF BUILDING, EXCEPT WHEN ANY INFORMATION, DRAWINGS, DATA, PLANS, SPECIFICATIONS, MATERIALS, FIGURES, DOCUMENTATION, REPORTS, AND THE LIKE

**GRADING NOTES** 

THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTR. DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY FOR ENTIRE PLAN SET COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AS REFERENCED IN THIS PLAN SET. IF NO GEOTECHNICAL REPORT HAS BEEN REFERENCED. THE CONTRACTOR MUST HAVE A GEOTECHNICAL ENGINEER PROVIDE WRITTEN SPECIFICATIONS AND RECOMMENDATIONS PRIOR TO THE CONTRACTOR COMMENCING THE GRADING WORK. THE CONTRACTOR MUST FOLLOW T REQUIREMENTS OF ALL MUNICIPAL, COUNTY, STATE, AND FEDERAL LAWS, WHICH HAVE JURISDICTION OVER THIS PROJECT. THE CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF-SITE MATERIAI SOLIRCES AND DISPOSAL FACILITIES. THE CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO THE PROFESSIONAL OF RECORD. BOHLER AND THE OWNER PRIOR TO THE CONTRACTOR COMMENCING ANY WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING EXISTING TOPOGRAPHIC INFORMATION AND UTILITY INVERT ELEVATIONS PRIOR TO COMMENCING ANY CONSTRUCTION. SHOULD DISCREPANCIES BETWEEN THE PLANS AND INFORMATION OBTAINED THROUGH FIELD VERIFICATIONS BE IDENTIFIED OR EXIST, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE

PROFESSIONAL OF RECORD AND BOHLER IN WRITING THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING ALL UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. THE CONTRACTOR MUST COMPACT ALL EXCAVATED OR FILLED AREAS IN STRICT ACCORDANCE WITH THE GEOTECHNICAL REPORT'S GUIDANCE. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STAT WHERE THE WORK IS PERFORMED. THIS REPORT MUST VERIFY THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS. SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS. RULES. STATUTES, LAWS, ORDINANCES AND CODES WHICH ARE IN EFFECT AND WHICH ARE APPLICABLE TO THE PROJECT. SUBBASE MATERIAL FOR SIDEWALKS, CURB, OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY OWNER/DEVELOPER, OR OWNER/DEVELOPER'S REPRESENTATIVE, SUBBASE MUST BE

REMOVED AND FILLED WITH APPROVED FILL MATERIAL, COMPACTED AS THE GEOTECHNICAL REPORT DIRECTS. EARTHWORK ACTIVITIES INCLUDING. BUT NOT LIMITED TO. EXCAVATION. BACKFILL. AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOF DADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO. IN THE EVENT OF A DISCREPANCY(IES) AND/OR A CONFLICT(S) BETWEEN PLANS. OR RELATIVE TO OTHER PLANS. THE GRADING PLAN TAKES PRECEDENCE AND CONTROLS. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD

THE CONTRACTOR IS RESPONSIBLE TO IMPORT FILL OR EXPORT EXCESS MATERIAL AS NECESSARY TO CONFORM TO THE

PROPOSED GRADING, AND TO BACKFILL EXCAVATIONS FOR THE INSTALLATION OF UNDERGROUND IMPROVEMENTS.

#### **ACCESSIBILITY DESIGN GUIDELINES**

AND BOHLER IN WRITING OF ANY DISCREPANCY(IES) AND/OR CONFLICT(S)

MORE STRINGENT OF: (A) THE REQUIREMENTS OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) CODE (42 U.S.C. § 12101 ET SEQ. AND 42 U.S.C. § 4151 ET SEQ.); AND (B) ANY APPLICABLE LOCAL AND STATE GUIDELINES, AND ANY AND ALL AMENDMENTS TO BOTH, WHICH ARE IN EFFECT WHEN THESE PLANS WERE COMPLETED. THE CONTRACTOR MUST REVIEW ALL DOCUMENTS REFERENCED IN THESE NOTES FOR ACCURACY, COMPLIANCE A CONSISTENCY WITH INDUSTRY GUIDELINES. THE CONTRACTOR MUST EXERCISE APPROPRIATE CARE AND PRECISION IN CONSTRUCTION OF ACCESSIBLE (A COMPONENTS AND ACCESSIBLE ROLLTES FOR THE SITE FINISHED SURFACES ALONG THE ACCESSIBLE ROLLTE OF TRAVEL FROM PARKING SPACES. PUBLIC TRANSPORTATION. PEDESTRIAN ACCESS. AND INTER-BUILDING ACCESS. TO POINTS OF ACCESSIBLE BUILDING ENTRANCE/EXIT, MUST COMPLY WITH THE ACCESSIBLE GUIDELINES AND REQUIREMENTS WHICH INCLUDE, BUT ARE

ALL ACCESSIBLE (A K.A. ADA) COMPONENTS AND ACCESSIBLE ROLLTES MUST BE CONSTRUCTED TO MEET. AT A MINIMUM. THE

ACCESSIBLE PARKING SPACES AND ACCESS AISLES SLOPES MUST NOT EXCEED 1:50 (2.0%) IN ANY DIRECTION. PATH OF TRAVEL ALONG ACCESSIBLE ROUTE MUST PROVIDE A 36-INCHES MINIMUM WIDTH (48-INCHES PREFERRED), OR AS SPECIFIED BY THE GOVERNING AGENCY LINOBSTRUCTED WIDTH OF TRAVEL (CAR OVERHANGS AND/OR HANDRAILS) MUST NOT REDUCE THIS MINIMUM WIDTH. THE SLOPE MUST NOT EXCEED 1:20 (5.0%) IN THE DIRECTION OF TRAVEL AND MUST NOT EXCEED 1:50 (2.0%) IN CROSS SLOPE. WHERE ACCESSIBLE PATH OF TRAVEL IS GREATER THAN 1:20 (5.0%), AN ACCESSIBLE RAMP MUST BE PROVIDED. ALONG THE ACCESSIBLE PATH OF TRAVEL. OPENINGS MUST NOT EXCEED 1/2-INCH IN WIDTH. VERTICAL CHANGES OF UP TO 1/2-INCH ARE PERMITTED ONLY IF THEY INCLUDES A 1/4-INCH BEVEL AT A SLOPE NOT STEEPER THAN 1:2. NO VERTICAL CHANGES OVER 1/4-INCH ARE PERMITTED.

ACCESSIBLE RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%) AND A RISE OF 30-INCHES LEVEL LANDINGS MUST BE PROVIDED AT EACH END OF ACCESSIBLE RAMPS. LANDING MUST PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES, CONC AND MUST NOT EXCEED 1:50 (2.0%) SLOPE IN ANY DIRECTION. RAMPS THAT CHANGE DIRECTION BETWEEN RUNS AT LANDINGS MUST HAVE A CLEAR LANDING OF A MINIMUM OF 60-INCHES BY 60-INCHES. <u>HAND RAILS</u> ON BOTH SIDES OF THE RAMP MUST BE PROVIDED ON AN ACCESSIBLE RAMP WITH A RISE GREATER THAN 6-INCHES ACCESSIBLE CURB RAMPS MUST NOT EXCEED A SLOPE OF 1:12 (8.3%). WHERE FLARED SIDES ARE PROVIDED, THEY MUST

NOT EXCEED 1:10 (10%) SLOPE. LEVEL LANDING MUST BE PROVIDED AT RAMPS TOP AT A MINIMUM OF 36-INCHES LONG (48-INCHES PREFERRED). IN ALTERATIONS, WHEN THERE IS NO LANDING AT THE TOP, FLARE SIDES SLOPES MUST NOT EXCEED A SLOPE OF 1:12 (8.3%). DOORWAY LANDINGS AREAS MUST BE PROVIDED ON THE EXTERIOR SIDE OF ANY DOOR LEADING TO AN ACCESSIBLE PAT THIS LANDING MUST BE SLOPED AWAY FROM THE DOOR NO MORE THAN 1:50 (2.0%) FOR POSITIVE DRAINAGE. THIS LANDING AREA MUST BE NO FEWER THAN 60-INCHES (5 FEET) LONG. EXCEPT WHERE OTHERWISE CLEARLY PERMITTED BY ACCESSIBLE STANDARDS FOR ALTERNATIVE DOORWAY OPENING CONDITIONS. (SEE ICC/ANSI A117.1-2009 AND OTHER

WHEN THE PROPOSED CONSTRUCTION NOVLVES RECONSTRUCTION, MODIFICATION, REVISION OR EXTENSION OF OR TO ACCESSIBLE COMPONENTS FROM EXISTING DOORWAYS OR SURFACES. THE CONTRACTOR MUST VERIFY ALL EXISTING ELEVATIONS SHOWN ON THE PLAN. NOTE THAT TABLE 405.2 OF THE DEPARTMENT OF JUSTICE'S ADA STANDARDS FOF ACCESSIBLE DESIGN ALLOWS FOR STEEPER RAMP SLOPES, IN RARE CIRCUMSTANCES. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER. IN WRITING, OF ANY DISCREPANCIES AND/OR FIELD CONDITIONS THAT DIFFER IN ANY WAY OR IN ANY RESPECT FROM WHAT IS SHOWN ON THE PLANS BEFORE COMMENCING | DMH ANY WORK, CONSTRUCTED IMPROVEMENTS MUST FALL WITHIN THE MAXIMUM AND MINIMUM LIMITATIONS IMPOSED BY THE BARRIER FREE REGULATIONS AND THE ACCESSIBLE GUIDELINES THE CONTRACTOR MUST VERIFY ALL OF THE SLOPES OF THE CONTRACTOR'S FORMS PRIOR TO POURING CONCRETE. IF ANY NON-CONFORMANCE EXISTS OR IS OBSERVED OR DISCOVERED, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER IN WRITING PRIOR TO POLIRING CONCRETE THE CONTRACTOR IS SOLELY

RESPONSIBLE FOR ALL COSTS TO REMOVE, REPAIR AND/OR REPLACE NON-CONFORMING CONCRETE AND/OR PAVEMENT SURFACES IT IS STRONGLY RECOMMENDED THAT THE CONTRACTOR REVIEW THE INTENDED CONSTRUCTION TO ENSURE SAME IS CONSISTENT WITH THE LOCAL BUILDING CODE PRIOR TO COMMENCING CONSTRUCTION.

(Rev. 3/2023)

(Rev. 11/2023)

HOR

FI EVATION

EP / EOP | EDGE OF PAVEMENT

FND WALL

**EXISTING** 

FEMA

FIRE DEPARTMENT

FEDERAL EMERGENCY

MANAGEMENT AGENCY

FLARED END SECTION

FINISH / FIRST FLOOP

FINISH / FIRST FLOOR

GENERAL CONTRACTOR

**GROSS FLOOR AREA** 

GRADE HIGH (WALL)

GRADE LOW (WALL)

GEOTECH/GEOTECHNICAL

GARAGE FLOOR FLEVATION

HIGH DENSITY POLYETHYLEN

INLET CONTROL STRUCTURE

CONNECTION

ELEVATION

FINISH GRADE

FIRE HYDRANT

FORCE MAIN

FIBER OPTIC

GRADE

(AT DOOR)

GATE VALVE

HORIZONTAI

HIGH POINT

HEADWALL

**INFILTRATION** 

INTERSECTION

LINEAR FOOT

LINE OF SIGHT

LIMIT OF WORK

I OW POINT

LANDSCAPE

LIMIT OF CLEARING

LIMIT OF DISTURBANCE

INVERT

ENGINEER OF RECORD

#### DRAINAGE AND UTILITY NOTES

REFERENCES INCORPORATED BY CODE).

DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. OCATIONS OF ALL EXISTING AND PROPOSED SERVICES ARE APPROXIMATE. AND THE CONTRACTOR MUST INDEPENDENTL' VERIFY AND CONFIRM THOSE LOCATIONS AND SERVICES WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY CONSTRUCTION OR EXCAVATION. THE CONTRACTOR MUST INDEPENDENTLY VERIFY AND CONFIRM ALL SANITARY CONNECTION lacksquarePOINTS AND ALL OTHER UTILITY SERVICE CONNECTION POINTS IN THE FIELD. PRIOR TO COMMENCING ANY CONSTRUCTION. THE CONTRACTOR MUST REPORT ALL DISCREPANCIES, ERRORS AND OMISSIONS IN WRITING, TO THE PROFESSIONAL OF RECORD

THE CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER, THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL OF THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES WHICH OCCUR DURING CONSTRUCTION, AT NO COST TO THE OWNER AND AT CONTRACTOR'S SOLE COST AND EXPENSE. THE CONTRACTOR MUST BEAR

ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES WHICH OCCURS DURING CONSTRUCTION.

THE CONTRACTOR MUST FIELD VERIFY THE PROPOSED INTERFACE POINTS (CROSSINGS) WITH EXISTING UNDERGROUND LITH ITIES BY USING A TEST PIT TO CONFIRM EXACT DEPTH, PRIOR TO COMMENCEMENT OF CONSTRUCTION. STORMWATER ROOF DRAIN LOCATIONS ARE BASED ON ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS, SIZE, AND MATERIAL OF SAME BASED UPON FINAL ARCHITECTURAL PLANS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING SITE PLAN DOCUMENTS AND ARCHITECTURAL PLANS FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS; GREASE TRAP REQUIREMENTS; AND DETAILS, DOOR ACCESS, AND EXTERIOR GRADING. THE ARCHITECT WILL DETERMINE THE UTILITY SERVICE SIZES. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITY SERVICES WITH THE INDIVIDUAL COMPANIES TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE

ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS OF THE APPLICABLE JURISDICTION AND REGULATORY AGENCIES AND ALL OTHER APPLICABLE EQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES AND, FURTHER, IS RESPONSIBLE FOR COORDINATING TH UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE. WHERE A CONFLICT(S) EXISTS BETWEEN THESE DOCUMENTS AND THE ARCHITECTURAL PLANS. OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE PROFESSIONAL OF RECORD AND BOHLER, IN WRITING, AND PRIOR TO CONSTRUCTION, MUST RESOLVE SAME. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE EXACTLY AS PER TH

RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND THE CONTRACTOR MUST COORDINATE SAME WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS FILL AND COMPACTION MUST COMPLY WITH APPLICABLE REQUIREMENTS AND SPECIFICATIONS. THE PROFESSIONAL O RECORD AND BOHLER ARE NOT RESPONSIBLE FOR DESIGN OF TRENCH BACKELL OR FOR COMPACTION REQUIREMENTS DURING THE INSTALLATION OF SANITARY, STORM, AND ALL UTILITIES. THE CONTRACTOR MUST MAINTAIN A CONTEMPORANEOUS AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-INSTALLED LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE, IN ANY RESPECT, FROM THE INFORMATION CONTAINED IN THESE PLANS. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE APPROPRIATE PLAN(S), GF / GFE WHICH THE CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER IMMEDIATELY UPON THE COMPLETION OF WORK. THE CONTRACTOR MUST ENSURE THAT ALL LITILITY TRENCHES LOCATED IN EXISTING PAVED ROADWAYS INCLUDING SANITARY WATER AND STORM SYSTEMS. ARE REPAIRED IN ACCORDANCE WITH REFERENCED MUNICIPAL, COUNTY AND OR STATE DOT

DETAILS AS APPLICABLE. THE CONTRACTOR MUST COORDINATE INSPECTION AND APPROVAL OF COMPLETED WORK WITH THE GH AGENCY WITH JURISDICTION OVER SAME. FINAL LOCATIONS OF PROPOSED UTILITY POLES, AND/ OR POLES TO BE RELOCATED ARE AT THE SOLE DISCRETION OF THE RESPECTIVE UTILITY COMPANY, REGARDLESS OF WHAT THIS PLAN DEPICTS. WATER SERVICE MATERIALS, BURIAL DEPTH, AND COVER REQUIREMENTS MUST BE SPECIFIED BY THE LOCAL UTILITY COMPANY. THE CONTRACTOR MUST CONTACT THE APPLICABLE MUNICIPALITY TO CONFIRM THE PROPER WATER METER AND VAULT. PRIOR TO COMMENCING CONSTRUCTION. THE TOPS OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT MUST BE ADJUSTED, AS NECESSARY,

MATCH PROPOSED FINISHED GRADES WITH NO TRIPPING OR SAFETY HAZARD IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.

DIMENSION IS TO A PROPERTY LINE, STAKE OUT OF LOCATIONS OF INLETS, LIGHT POLES, ETC. MUST BE PERFORMED IN STRICT WHICH IS INDICATED TO HAVE BEEN PREPARED "BY OTHERS" (HEREIN, "BY OTHERS REPORTS, DOCUMENTS AND DETAILS") HAS BEEN OR WILL BE CREATED, DEVELOPED, PREPARED, PERFORMED, AND ANALYZED BY AN ENTITY OR PARTY OTHER THAN THE "BOHLER" ENTITY INVOLVED WITH THIS PROJECT. THE "BOHLER" ENTITY IS NOT IN ANY WAY RESPONSIBLE FOR THE BY OTHERS REPORTS, DOCUMENTS AND DETAILS EVEN IF/WHERE INCLUDED IN THE "BOHLER" ENTITY'S PLANS, REPORTS, ETC. SAME HAS BEEN INCLUDE ON THIS PLAN FOR THE CONVENIENCE, ONLY, OF THE PROJECT OWNER, DEVELOPERS, CONTRACTORS AND CONSULTANTS AND IN ORDER TO COORDINATE THE "BOHLER" ENTITY'S DESIGN WITH THAT OF "OTHERS". THE "BOHLER" ENTITY HAS ASSUMED, FOR PURPOSES OF THIS PLAN THAT THE BY OTHERS REPORTS DOCUMENTS AND DETAILS ARE CURRENT AND IF APPLICABLE | INT PREPARED IN STRICT ACCORDANCE WITH ALL APPLICABLE COUNTY, STATE, FEDERAL AND OTHER STATUTES, LAWS, RULES, REGULATIONS, ORDINANCES AND THE LIKE. THE "BOHLER" ENTITY SPECIFICALLY DISCLAIMS ANY AND ALL LIABILITY AND

RESPONSIBILITY FOR BY OTHERS REPORTS, DOCUMENTS AND DETAILS. THE ENTITY OR PERSON WHO CREATED THE INFORMATION CONTAINED IN THE BY OTHERS REPORTS, DOCUMENTS AND DETAILS (EXCLUDING INFORMATION AND/OR DETAILS SOLELY SUPPLIED BY A JURISDICTION AND/OR GOVERNING BODY) AGREES BY PARTICIPATING IN THIS PROJECT, RECEIVING, REVIEWING, USING AND/OR RELYING UPON THIS DOCUMENT. AND/OR BY AGREEING TO THE PROJECT OWNER/DEVELOPER'S CONTRACT DOCUMENTS. TO DEFEND, INDEMNIFY, PROTECT AND HOLD HARMLESS THE "BOHLER" ENTITY THAT PREPARED THIS DOCUMENT AND ITS EMPLOYEES FOR ANY AND ALL DAMAGES, INJURIES, COSTS, EXPENSES AND THE LIKE, TO THE FULLEST EXTENT PERMITTED UNDER HE LAW, WHICH THE "BOHLER" ENTITY AND/OR ITS EMPLOYEES SUFFER OR INCUR AS A RESULT OF INCLUDING ANY BY OTHEF REPORTS, DOCUMENTS AND DETAILS IN AND ON OR IN THIS PLAN. ANYONE OR ANY ENTITY WHO RECEIVED, RELIES UPON AND/OR USES THIS PLAN, AGREES TO HOLD THE "BOHLER" ENTITY AND ITS EMPLOYEES HARMLESS FROM ANY CLAIMS, DAMAGES, INJURIES COSTS AND EXPENSES TO THE FULLEST EXTENT PERMITTED UNDER THE LAW FOR ANY DAMAGES INJURIES COSTS EXPENSES. AND THE LIKE. TO THE FULLEST EXTENT PERMITTED UNDER THE LAW. WHICH IT OR THEY SUFFER OR INCUR AS A RESULT OF THE ANY BY OTHERS REPORTS, DOCUMENTS AND DETAILS INCORPORATED IN THE PLAN, AND EXPRESSLY CONFIRMS THAT BY RECEIVING, RELYING UPON AND/OR USING SAME, THE "BOHLER" ENTITY SHALL HAVE NO LIABILITY RELATED TO SAME. WITH RESPECT TO ALL BY OTHERS REPORTS, DOCUMENTS AND DETAILS, CONTRACTOR MUST VERIFY ALL INFORMATION CONTAINED IN THE SCOPE OF ALL PARTIES INVOLVED IN PREPARING THE BY OTHERS REPORTS. DOCUMENTS AND DETAILS PRIOR TO COMMENCING ANY CONSTRUCTION AND MUST VERIFY THAT THE INFORMATION IS THE LATEST. THE MOST RECENT AND THE MOST CURRENT

REPORT, DOCUMENT AND DETAIL. REFERENCES ON THIS PLAN TO INFORMATION PREPARED OR CONTAINED IN BY OTHERS REPORTS, DOCUMENTS AND DETAILS DEPICTING AN OFF-SITE AREA WHERE NO DETAIL IS INCLUDED IS A REFERENCE TO AN AREA, DETAIL, SPECIFICATION OR DESIGN THAT HAS NOT BEEN DESIGNED OR CONSTRUCTED BY THE "BOHLER" ENTITY AND REGARDING WHICH THE "BOHLER" ENTITY HAS NO CONTROL OVER OR LIABILITY REGARDING, BUT IS ADDED TO THIS PLAN FOR INFORMATIONAL

STANDARD **PROP LINE LEGEND** MAXIMUM ABBREVIATIONS PROPERTY LINE \_\_\_\_\_ MATCH EXISTING RIGHT-OF-WAY LINE \_\_\_\_ MECHANICAL, ELECTRICAL, AMERICAN ASSOCIATION OF INTERIOR PROPERTY LINE \_\_\_\_\_ AND PLUMBING AASHTO STATE HIGHWAY AND **MANHOLE** LEASE LINE \_\_\_\_\_ TRANSPORTATION OFFICIALS MINIMIM EASEMENT LINE \_ \_ \_ \_ \_ ACRE / ACRES MECHANICAL JOIN SETBACK LINE \_\_ \_\_ \_\_ AREA DRAIN MANUAL ON UNIFORM TRAFF LIMIT OF WORK LOW ACCESSIBLE / AMERICANS CONTROL DEVICES WITH DISABILITIES ACT LIMIT OF DISTURBANCE LOD NATIONAL OCEANIC AND ABOVE GROUND SAWCUT LINE ATMOSPHERIC \_\_\_\_\_ APPROX **APPROXIMATE** ADMINISTRATION OVERHEAD WIRE —— OH——— NATIONAL RESOURCE ARCHITECTURAL FLECTRIC LINE \_\_\_\_\_F\_\_\_ CONSERVATION SERVICE TELEPHONE LINE **OPERATIONS AND** \_\_\_\_\_т\_\_\_ AREA SUBJECT TO MAINTENANCE CABLE LINE STORMWATER FLOWAGE ON CENTER GAS LINE \_\_\_\_\_G\_\_\_\_ ASSOCIATION ASSOC OUTLET CONTROL STORM SEWER **BOTTOM OF CURB** STRUCTURE OIL AND GRIT SEPARATOR SANITARY MAIN 12" OR GREATER **BASEMENT FLOOR ORDINANCE** SANITARY MAIN BIOGARDEN PA / POA POINT OF ANALYSIS SANITARY LATERAL ------SI -----BITUMINOUS SANITARY FORCE MAIN POINT OF CURVATURE — FM — BLOCK POINT OF CURVATURE, CURB WATER MAIN 12" OR GREATER BASELINE RFTURN WATER MAIN ------W------BUII DING BI DG PERFORATED WATER LATERAL BENCH MARK PROPOSED GRADE WATER FIRE LINE ——F—— BUILDING RESTRICTION LINE POINT OF INTERSECTION **BORDERING VEGETATIVE** PROP SYMBOL LEGEND POINT OF GRADE WETLAND TYPICAL SIGN v POLYPROPYLENE PIPE CATCH BASIN **PROPOSED** TYPICAL BOLLARD CUBIC FEET POINT OF TANGENCY UTILITY POLE WITH LIGHT **CURB INLET** POINT OF TANGENCY, CURB UTILITY POLE -CHANGE IN TYPE RETURN TYPICAL LIGHT CENTER LINE POINT OF VERTICA WATER HYDRANT CORRUGATED METAL PIPE INTERSECTION PAVEMENT CLEANOUT °C/O CLEAN OUT POINT OF VERTICAL CONCRETE SANITARY MANHOLE TANGENCY CONNECTION CONN RADIUS / RADII STORM MANHOLE COORDINATE COORD RIGHT-OF-WAY ⊗WM CORRUGATED PLASTIC PIPE RIGHTS-OF-WAY WATER METER REINFORCED CONCRETE PIP WATER VALVE CUBIC YARD **ROOF DRAIN** DECORATIVE GAS VALVE REGULATIONS DEPARTMENT OF **TEST PIT ENVIRONMENTAL PROTECTION** TO BE RELOCATED DETENTION BORING REQUIRED DIAMETER RETENTION DRAINAGE MANHOLE RETAINING WALL DOMESTIC TO BE RETURNED TO OWNER DEPARTMENT OF TRANSPORTATION RAIN GARDEN DESIGN POINT SI OPF DASHED WHITE LINE SANITARY SEWER DOUBLE YELLOW LINE SOIL EROSION AND SEDIMENT **EXISTING GRADE** CONTROL SQUARE FEET **ELECTRIC** THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT │ FI FC

STATE HIGHWAY LAYOUT

STORM WATER / STORM

SINGLE/SOLID WHITE LINE

STORMWATER POLITION

TIME OF CONCENTRATION

TELECOMMUNICATIONS.

TREE PROTECTION FENCE

UNITED STATES GEOLOGICAL

PREVENTION PLAN

TO BE ABANDONED

TO BE REMOVED

TO BE VACATED

TOP OF CURB

TRENCH DRAIN

TELEDATA

TO REMAIN

TRANSITION

**UNDERGROUND** 

UTILITY POLE

TYPICAL

SURVEY

**VERTICAL** 

VERIFY IN FIELD

WIDE / WIDTH

WATER METER

WATER QUALITY UNIT

SLOPE EXPRESSED IN

HORIZONTAL:VERTICAL IN

WATER LINE

YARD DRAIN

PLUS OR MINUS

NUMBER

DEGREE

DIAMETER

FEET/FOOT

INCHES

STATION

SEWER

SWPPF

RANS

/FRT

**REVISIONS** COMMENT REV DATE

> Know what's below. Call before you dig **ALWAYS CALL 811** It's fast. It's free. It's the law.

### **ISSUED FOR PERMIT**

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PROJECT No.: NHA240082.00-DRAWN BY: **CHECKED BY** CAD I.D. P-CIVL-CNDS

PROJECT: PROP. SITE PLAN **DOCUMENTS** 



PROPOSED CREDIT UNION

285 LOUDON ROAD CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3

KASADA LLC 910 S ACADIAN THRUWAY **BATON ROUGE, LA 70806** 

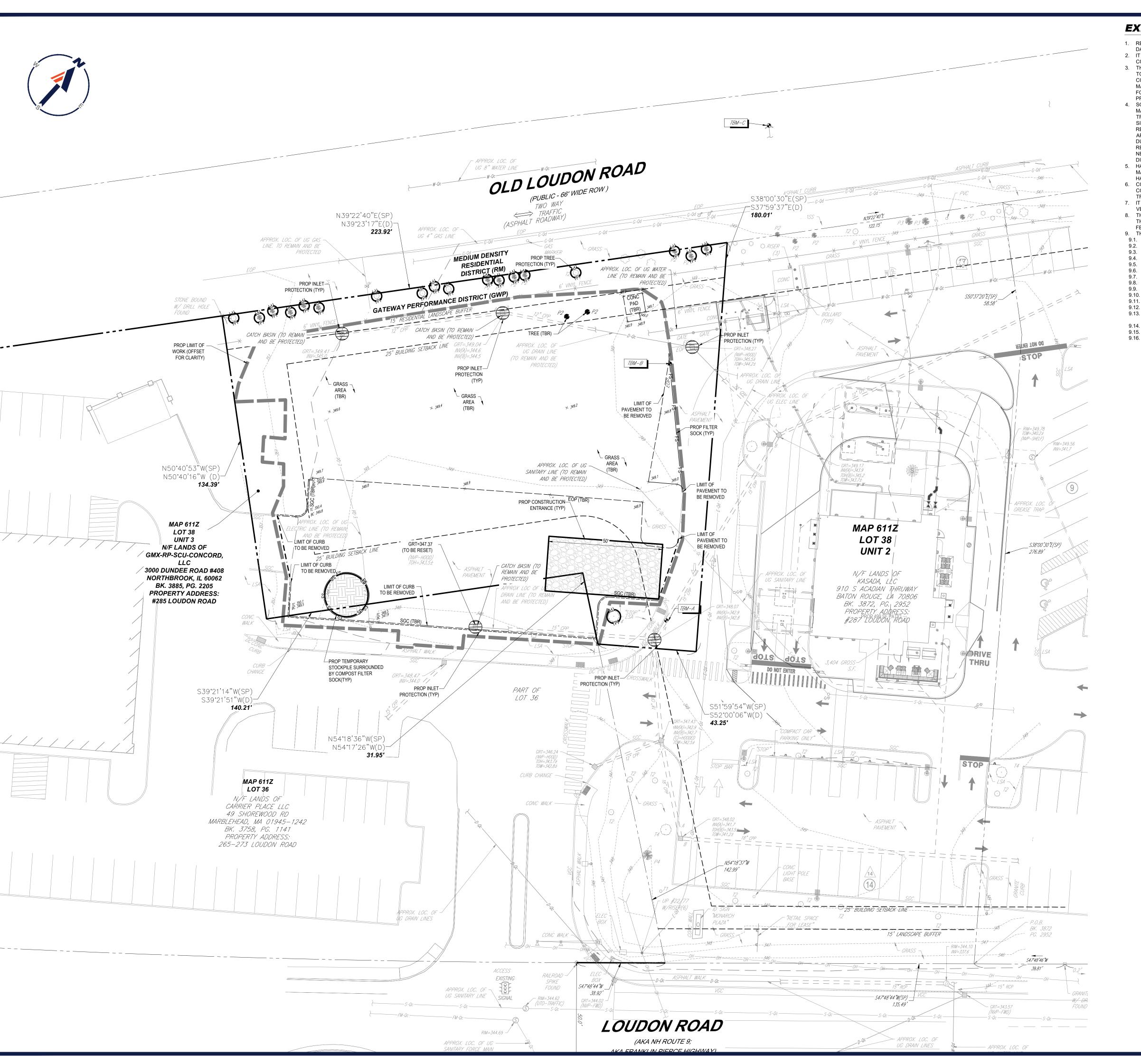
APPLICANT: SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268 PORTSMOUTH, NH 03801

**50 WASHINGTON ST., SUITE 2000** WESTBOROUGH, MA 01581 Phone: (508) 480-9900

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GENERAL LEGEND



#### **EXISTING CONDTION/ DEMOLITION NOTES**

- 1. REFER TO THE BOUNDARY, TOPOGRAPHIC, & UTILITY SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC. DATED 6/5/2025 FOR FULL EXISTING CONDITIONS INFORMATION.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN RECORDS TO DEMONSTRATE PROPER AND FULLY COMPLIANT DISPOSAL ACTIVITIES, TO BE PROMPTLY PROVIDED TO THE OWNER UPON REQUEST. 3. THE CONTRACTOR MUST LOCATE CONSTRUCTION WASTE MATERIAL STORAGE AREAS TO MINIMIZE EXPOSURE
- TO STORMWATER. THE CONTRACTOR MUST IMMEDIATELY PLACE CONSTRUCTION WASTE IN ON-SITE STORAGE CONTAINERS UNTIL THAT CONSTRUCTION WASTE IS READY FOR OFF-SITE DISPOSAL. THE CONTRACTOR MUST MAINTAIN SPILL PREVENTION AND RESPONSE EQUIPMENT AND MAKE SAME CONTINUOUSLY AVAILABLE ON-SITE FOR USE BY THE CONTRACTOR'S EMPLOYEES WHO MUST BE PROPERLY TRAINED IN THE APPLICATION OF SPIL PREVENTION AND RESPONSE PROCEDURES. 4. SOLID WASTE MATERIALS INCLUDING TRASH, CONSTRUCTION DEBRIS, EXCESS CONSTRUCTION MATERIALS
- MACHINERY, TOOLS AND OTHER ITEMS WILL BE COLLECTED AND DISPOSED OF OFFSITE. THE TRADE/CONTRACTOR IS RESPONSIBLE TO ACQUIRE THE PERMIT REQUIRED FOR SUCH DISPOSAL. BURNING ON SITE WILL NOT BE PERMITTED. ALL WASTE MATERIALS SHOULD BE COLLECTED AND STORED IN APPROVED RECEPTACLES. NO WASTES SHOULD BE PLACED IN ANY LOCATION OTHER THAN THE APPROVED CONTAINERS APPROPRIATE FOR THE MATERIALS BEING DISCARDED. THERE SHOULD BE NO LIQUID WASTES DEPOSITED INTO DUMPSTERS OR OTHER CONTAINERS WHICH MAY LEAK. RECEPTACLES WITH DEFICIENCIES SHOULD BE REPLACED AS SOON AS POSSIBLE AND THE APPROPRIATE CLEAN-UP PROCEDURES SHOULD TAKE PLACE, IF NECESSARY. CONSTRUCTION WASTE MATERIAL AND TREE STUMPS ARE NOT TO BE BURIED OR OTHERWISE DISPOSED OF ON SITE HAZARDOUS MATERIALS AND ALL OTHER MATERIALS ON SITE SHOULD BE STORED IN ACCORDANCE WITH MANUFACTURER OR MATERIAL SAFETY DATA SHEET (MSDS) SPECIFICATIONS. WHEN DISPOSING OF
- HAZARDOUS MATERIALS, FOLLOW MANUFACTURER, LOCAL, OR STATE RECOMMENDED METHODS. 6. COLLECTION AND DISPOSAL OF SOLID WASTE DURING CONSTRUCTION WILL BE PROVIDED BY A LICENSES CONTRACTOR. THE PRIVATE CONTRACTOR WILL OBTAIN ANY NECESSARY PERMITS FOR REMOVAL AND TRANSPORT OF RUBBISH FROM THE CITY OF CONCORD. 7. IT IS EXPECTED THAT CLEANUP OF ON-SITE DEBRIS WILL BE CONDUCTED ON AT LEAST A WEEKLY BASIS. AT THE
- VERY LEAST, THE CLEAN-UP SHOULD OCCUR BY 12:00 PM FRIDAY EVERY WEEK. THE PROJECT WILL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS REGARDING THE HANDLING, RECYCLING, AND DISPOSAL OF SOLID WASTE GENERATED BY THIS PROJECT. TO THE EXTENT FEASIBLE, THE DEMOLITION MATERIALS WILL BE SEGREGATED ON SITE FOR REUSE OR DISPOSAL.
- 9. THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:
- INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE/EXIT (AS SHOWN)
- INSTALLATION OF EROSION CONTROL BARRIERS (AS SHOWN) INSTALLATION OF INLET PROTECTION (AS SHOWN)
- DEMOLITION OF EXISTING SITE PAVEMENT AND AMENITIES
- CLEARING AND GRUBBING
- 9.6. EARTHWORK AND EXCAVATION/FILLING AS NECESSARY CONSTRUCTION OF UTILITIES
- 9.8. STABILIZE PERMANENT LAWN AREAS AND SLOPES WITH TEMPORARY SEEDING
- 9.9. CONSTRUCTION OF BUILDING 9.10. CONSTRUCTION OF ALL CURBING AND LANDSCAPE ISLANDS AS INDICATED ON THE PLANS
- 9.11. SPREAD TOPSOIL ON SLOPED AREAS AND SEE AND MULCH 9.12. FINAL GRADING OF ALL SLOPES AREAS
- 9.13. PLACE 6" TOPSOIL ON SLOPES AFTER FINAL GRADING COMPLETED. FERTILIZE, SEED, AND MULCH SEED
- MIXTURE TO BE INSTALLED AS REQUIRED
- 9.14. PAVE PARKING LOT 9.15. LANDSCAPING PER LANDSCAPING PLAN
- 9.16. REMOVED EROSION CONTROLS AS DISTURBED AREAS BECOME STABILIZED TO 70% STABILIZATION OR

REV DATE

**REVISIONS** 

COMMENT



**ISSUED FOR PERMIT** 

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PROJECT No.: DRAWN BY: CHECKED BY:

DATE: CAD I.D.: 8/7/2025 P-CIVL-PROP

> PROP. SITE PLAN **DOCUMENTS**



PROPOSED CREDIT UNION 285 LOUDON ROAD

CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3 KASADA LLC

910 S ACADIAN THRUWAY **BATON ROUGE, LA 70806** APPLICANT: SERVICE CREDIT UNION

3003 LAFAYETTE ROAD, PO BOX 1268

PORTSMOUTH, NH 03801

**BOHLER** 

50 WASHINGTON ST., SUITE 2000 WESTBOROUGH, MA 01581 Phone: (508) 480-9900

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**EXISTING CONDITIONS**/ **DEMOLITION** 

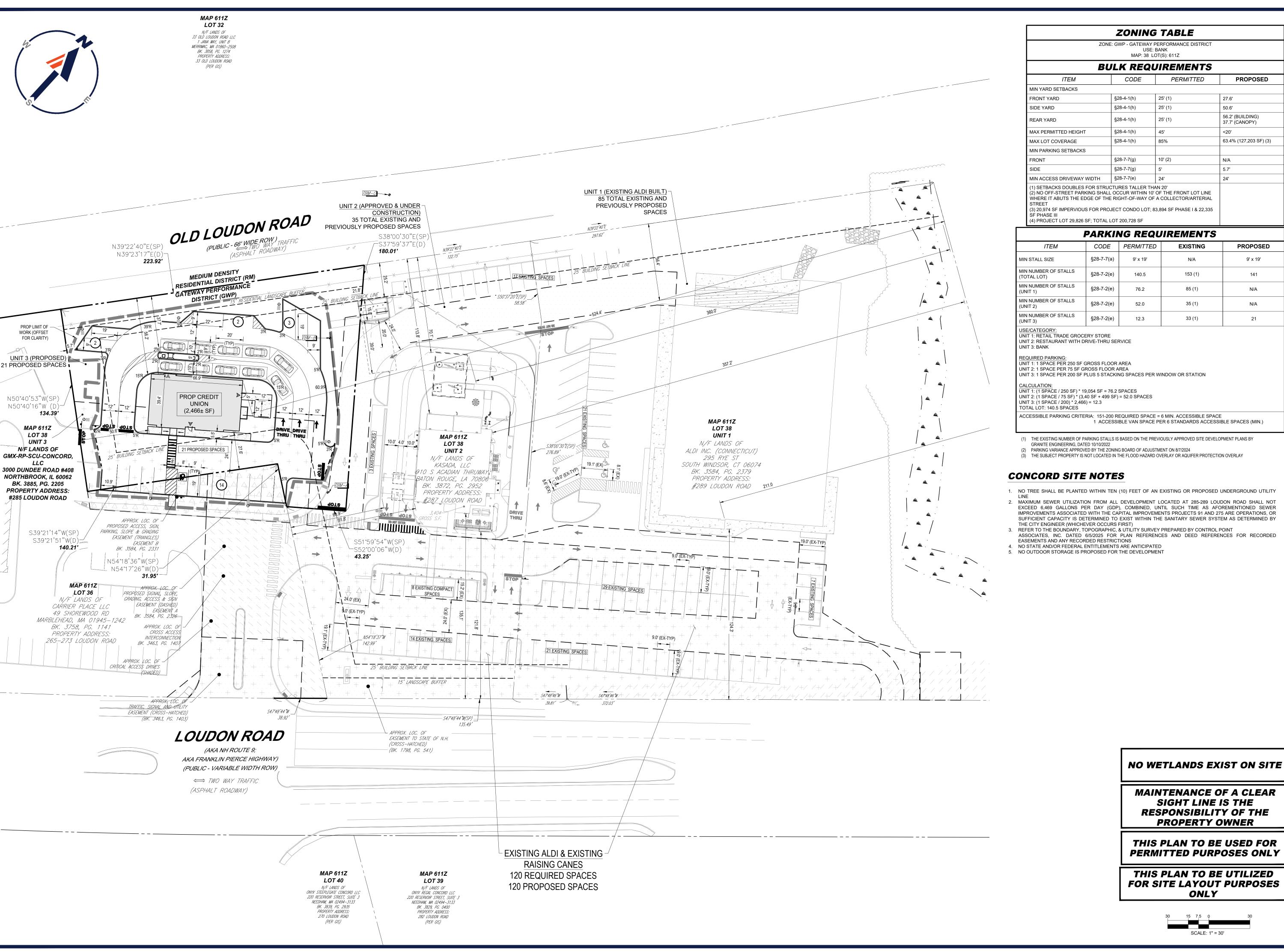
PLAN SHEET NUMBER: C-202

ORG. DATE - 8/7/2025

ONLY

SCALE: 1" = 20'

THIS PLAN TO BE UTILIZED **FOR DEMOLITION PURPOSES** 



#### **ZONING TABLE**

ZONE: GWP - GATEWAY PERFORMANCE DISTRICT

MAP: 38 LOT(S): 611Z

#### **BULK REQUIREMENTS**

ITEM	CODE	PERMITTED	PROPOSED
MIN YARD SETBACKS			
FRONT YARD	§28-4-1(h)	25' (1)	27.6'
SIDE YARD	§28-4-1(h)	25' (1)	50.6'
REAR YARD	§28-4-1(h)	25' (1)	56.2' (BUILDING) 37.7' (CANOPY)
MAX PERMITTED HEIGHT	§28-4-1(h)	45'	<20'
MAX LOT COVERAGE	§28-4-1(h)	85%	63.4% (127,203 SF) (3)
MIN PARKING SETBACKS			
FRONT	§28-7-7(g)	10' (2)	N/A
SIDE	§28-7-7(g)	5'	5.7'
MIN ACCESS DRIVEWAY WIDTH	§28-7-7(e)	24'	24'

- ) SETBACKS DOUBLES FOR STRUCTURES TALLER THAN 20'
- 2) NO OFF-STREET PARKING SHALL OCCUR WITHIN 10' OF THE FRONT LOT LINE
- (3) 20,974 SF IMPERVIOUS FOR PROJECT CONDO LOT; 83,894 SF PHASE I & 22,335
- (4) PROJECT LOT 29,826 SF; TOTAL LOT 200,728 SF

#### **PARKING REQUIREMENTS**

ITEM	CODE	PERMITTED	EXISTING	PROPOSED
MIN STALL SIZE	§28-7-7(a)	9' x 19'	N/A	9' x 19'
MIN NUMBER OF STALLS (TOTAL LOT)	§28-7-2(e)	140.5	153 (1)	141
MIN NUMBER OF STALLS (UNIT 1)	§28-7-2(e)	76.2	85 (1)	N/A
MIN NUMBER OF STALLS (UNIT 2)	§28-7-2(e)	52.0	35 (1)	N/A
MIN NUMBER OF STALLS (UNIT 3)	§28-7-2(e)	12.3	33 (1)	21

- UNIT 3: 1 SPACE PER 200 SF PLUS 5 STACKING SPACES PER WINDOW OR STATION

- (1) THE EXISTING NUMBER OF PARKING STALLS IS BASED ON THE PREVIOUSLY APPROVED SITE DEVELOPMENT PLANS BY
- (3) THE SUBJECT PROPERTY IS NOT LOCATED IN THE FLOOD HAZARD OVERLAY OR AQUIFER PROTECTION OVERLAY
- 1. NO TREE SHALL BE PLANTED WITHIN TEN (10) FEET OF AN EXISTING OR PROPOSED UNDERGROUND UTILITY
- 2. MAXIMUM SEWER UTILIZATION FROM ALL DEVELOPMENT LOCATED AT 285-289 LOUDON ROAD SHALL NOT EXCEED 6,469 GALLONS PER DAY (GDP), COMBINED, UNTIL SUCH TIME AS AFOREMENTIONED SEWER IMPROVEMENTS ASSOCIATED WITH THE CAPITAL IMPROVEMENTS PROJECTS 91 AND 275 ARE OPERATIONS, OR SUFFICIENT CAPACITY IS DETERMINED TO EXIST WITHIN THE SANITARY SEWER SYSTEM AS DETERMINED BY

MAINTENANCE OF A CLEAR SIGHT LINE IS THE RESPONSIBILITY OF THE PROPERTY OWNER

THIS PLAN TO BE USED FOR

THIS PLAN TO BE UTILIZED

ONLY

SCALE: 1" = 30'

- 3. REFER TO THE BOUNDARY, TOPOGRAPHIC, & UTILITY SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC. DATED 6/5/2025 FOR PLAN REFERENCES AND DEED REFERENCES FOR RECORDED
- 4. NO STATE AND/OR FEDERAL ENTITLEMENTS ARE ANTICIPATED 5. NO OUTDOOR STORAGE IS PROPOSED FOR THE DEVELOPMENT

**REVISIONS** 

REV	DATE	COMMENT	DRAWN BY
KEV	DAIL	COMMENT	CHECKED BY

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PROJECT No.: DRAWN BY:

**CHECKED BY:** 8/7/2025 P-CIVL-PROP CAD I.D.:

PROJECT: PROP. SITE PLAN **DOCUMENTS** 



PROPOSED CREDIT UNION 285 LOUDON ROAD CONCORD, NH 03301

MAP#611Z, LOT #38, UNIT #3 KASADA LLC 910 S ACADIAN THRUWAY

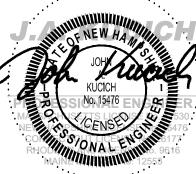
**BATON ROUGE, LA 70806** APPLICANT: SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268

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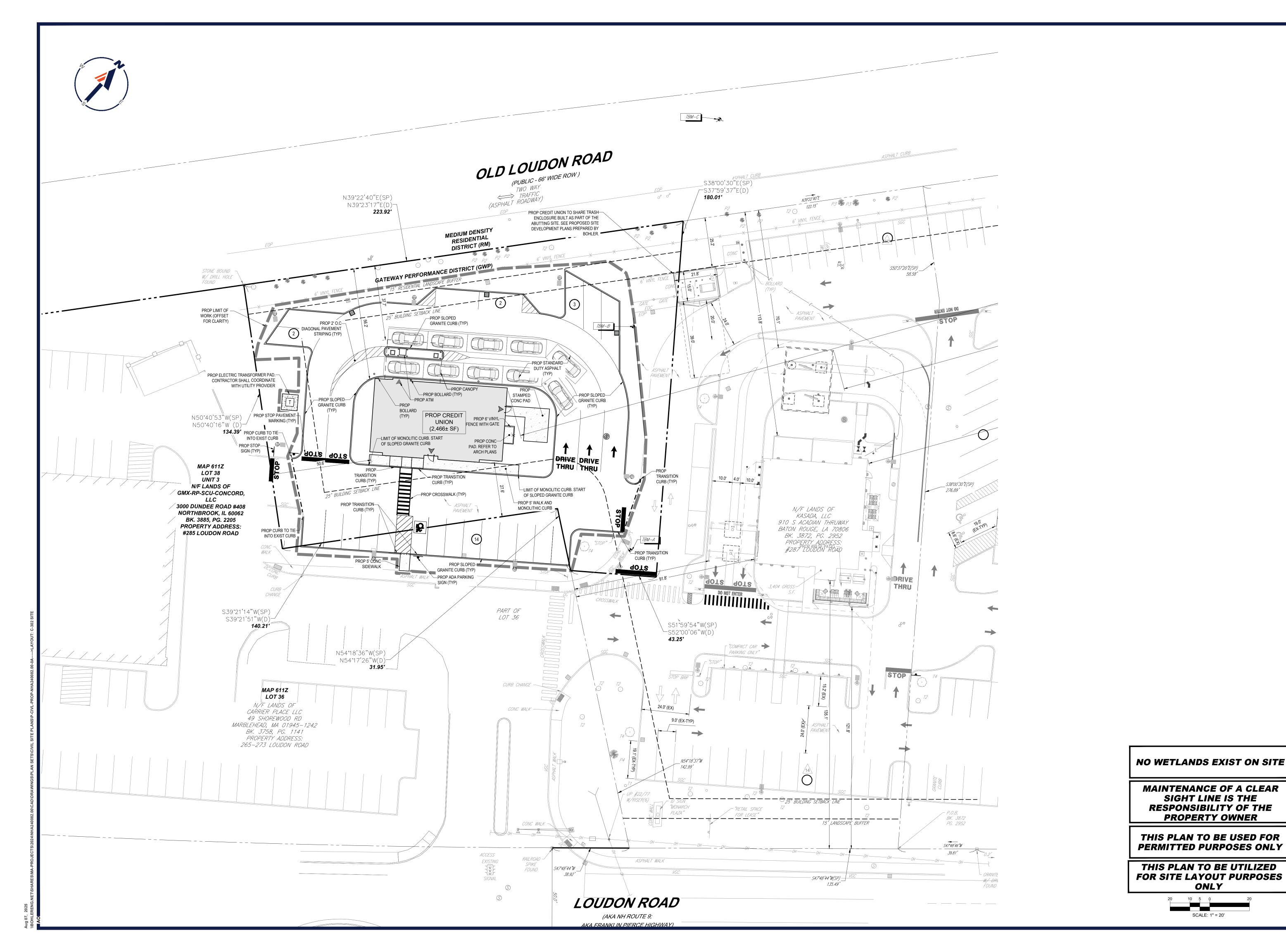
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SHEET TITLE:

SITE PLAN

C-301





**REVISIONS** 

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KEV	DATE	COMMENT	CHECKE



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PROP. SITE PLAN **DOCUMENTS** —— FOR —



PROPOSED CREDIT UNION

285 LOUDON ROAD CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3

KASADA LLC 910 S ACADIAN THRUWAY

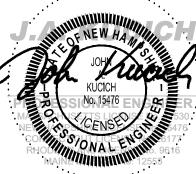
**BATON ROUGE, LA 70806** 

APPLICANT: SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268 PORTSMOUTH, NH 03801

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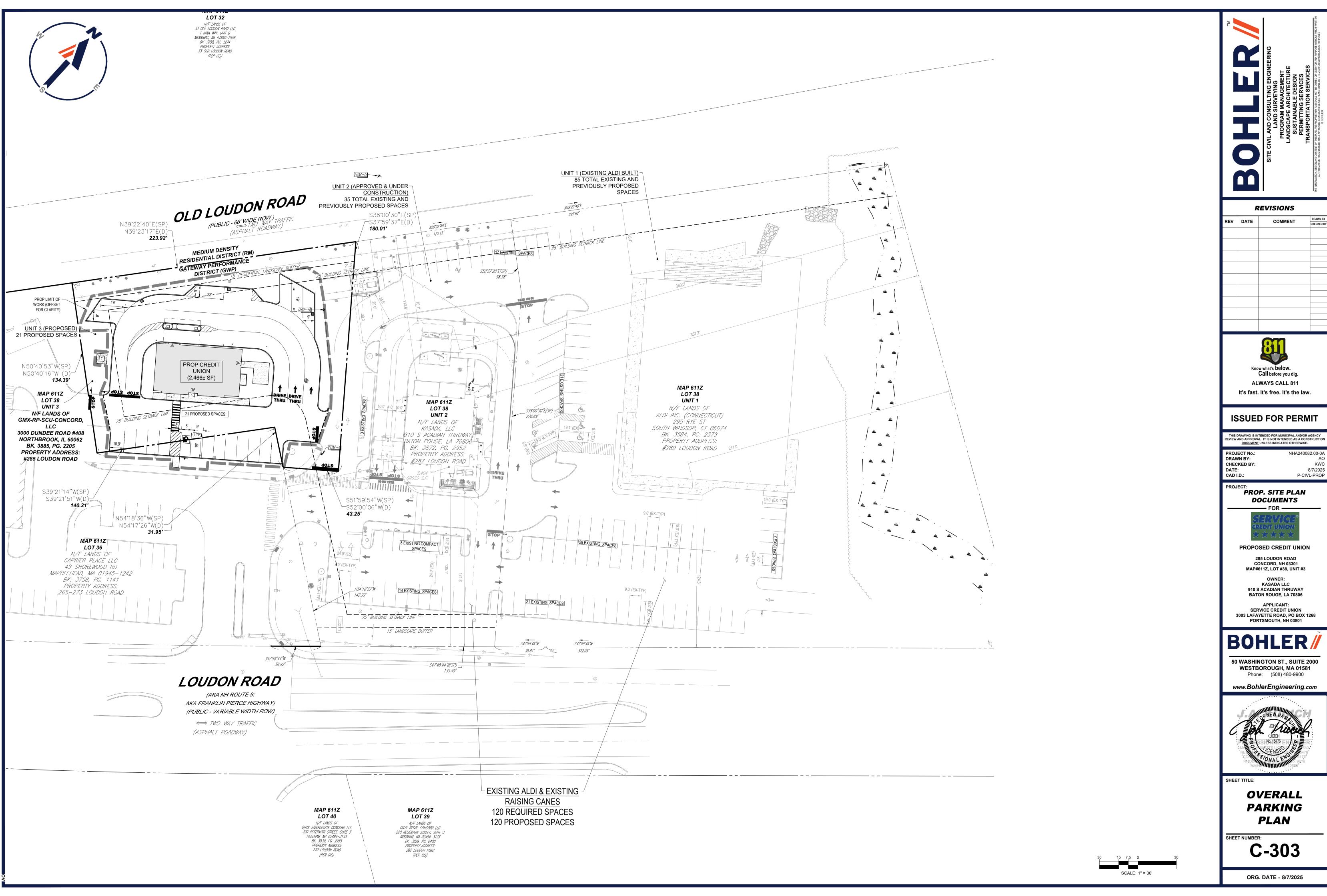
SCALE: 1" = 20'

SHEET TITLE:

SITE

PLAN

C-302



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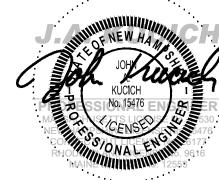
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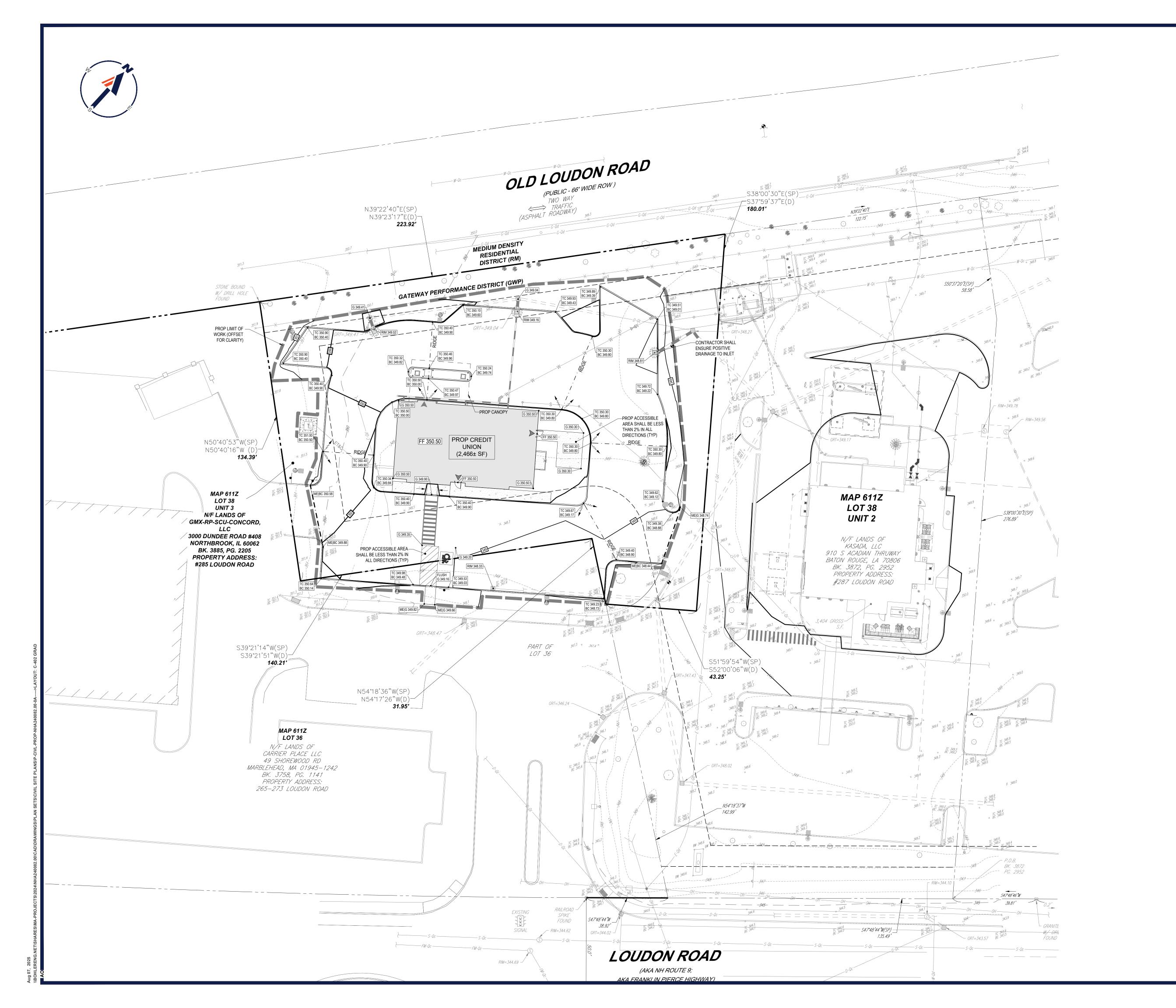
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PROPOSED CREDIT UNION

285 LOUDON ROAD CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3

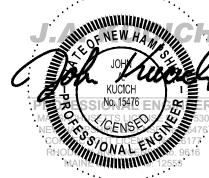
KASADA LLC 910 S ACADIAN THRUWAY **BATON ROUGE, LA 70806** 

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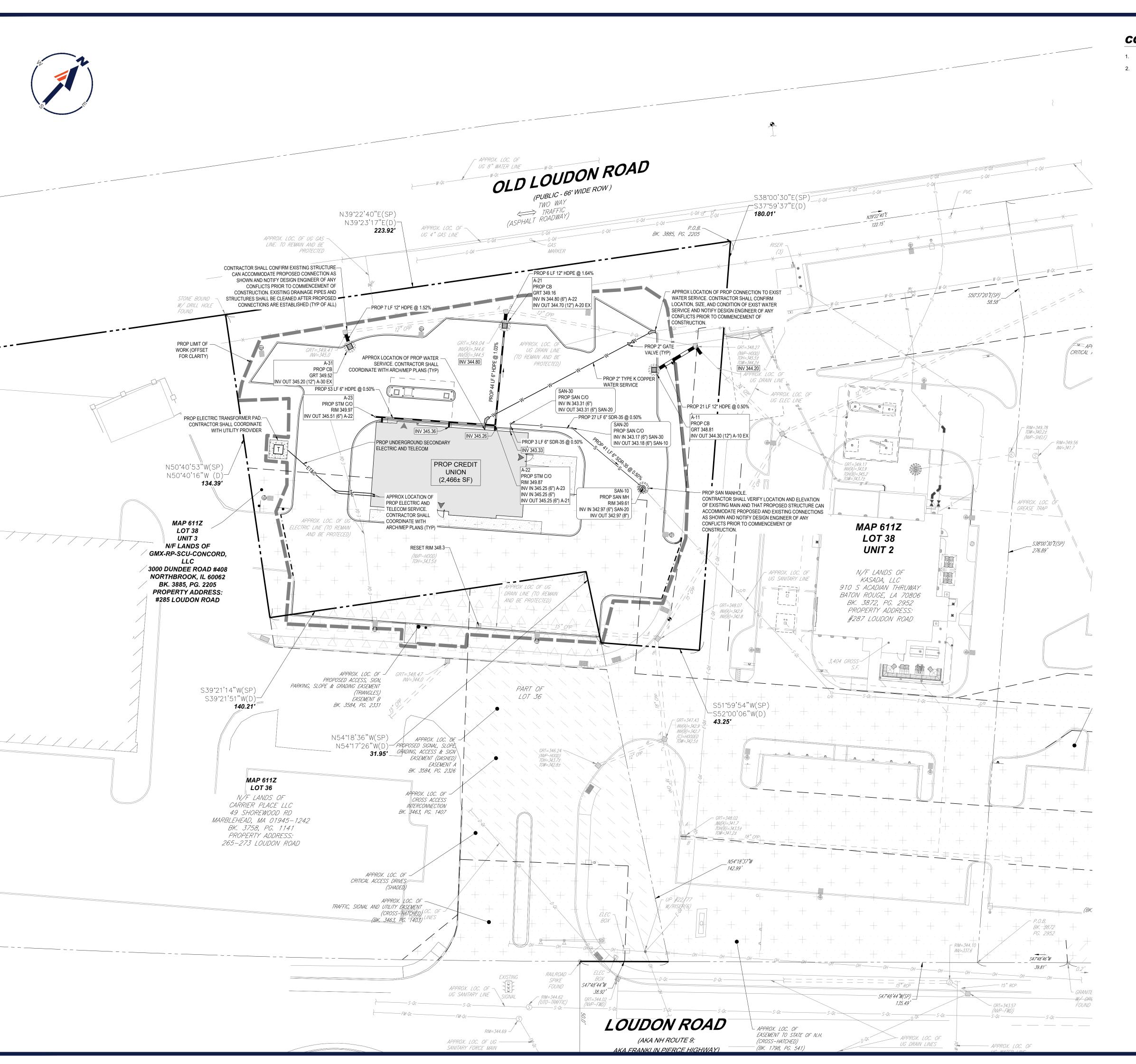
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SCALE: 1" = 20'

FOR GRADING, DRAINAGE AND UTILITIES PURPOSES ONLY

**GRADING AND** DRAINAGE PLAN

C-402



#### **CONCORD UTILITY NOTES**

1. NO TREE SHALL BE PLANTED WITHIN TEN (10) FEET OF AN EXISTING OR PROPOSED UNDERGROUND UTILITY

LINE
2. MAXIMUM SEWER UTILIZATION FROM ALL DEVELOPMENT LOCATED AT 285-289 LOUDON ROAD SHALL NOT EXCEED 6,469 GALLONS PER DAY (GDP), COMBINED, UNTIL SUCH TIME AS AFOREMENTIONED SEWER IMPROVEMENTS ASSOCIATED WITH THE CAPITAL IMPROVEMENTS PROJECTS 91 AND 275 ARE OPERATIONS, OR SUFFICIENT CAPACITY IS DETERMINED TO EXIST WITHIN THE SANITARY SEWER SYSTEM AS DETERMINED BY THE CITY ENGINEER (WHICHEVER OCCURS FIRST)



CIVIL AND CONSULTING I LAND SURVEYING PROGRAM MANAGEN LANDSCAPE ARCHITEC SUSTAINABLE DESI PERMITTING SERVIC

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PROJECT No.: NHA2400
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CHECKED BY:

 CHECKED BY:
 KWC

 DATE:
 8/7/2025

 CAD I.D.:
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PROP. SITE PLAN
DOCUMENTS



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PROPOSED CREDIT UNION

285 LOUDON ROAD CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3

OWNER: KASADA LLC 910 S ACADIAN THRUWAY BATON ROUGE, LA 70806

APPLICANT: SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268 PORTSMOUTH, NH 03801

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CONTRACTOR TO VERIFY EXISTING SEWER ELEVATIONS AND UTILITY CONNECTIONS WITHIN 30 DAYS OF GROUNDBREAKING

**CONSTRUCTION** 

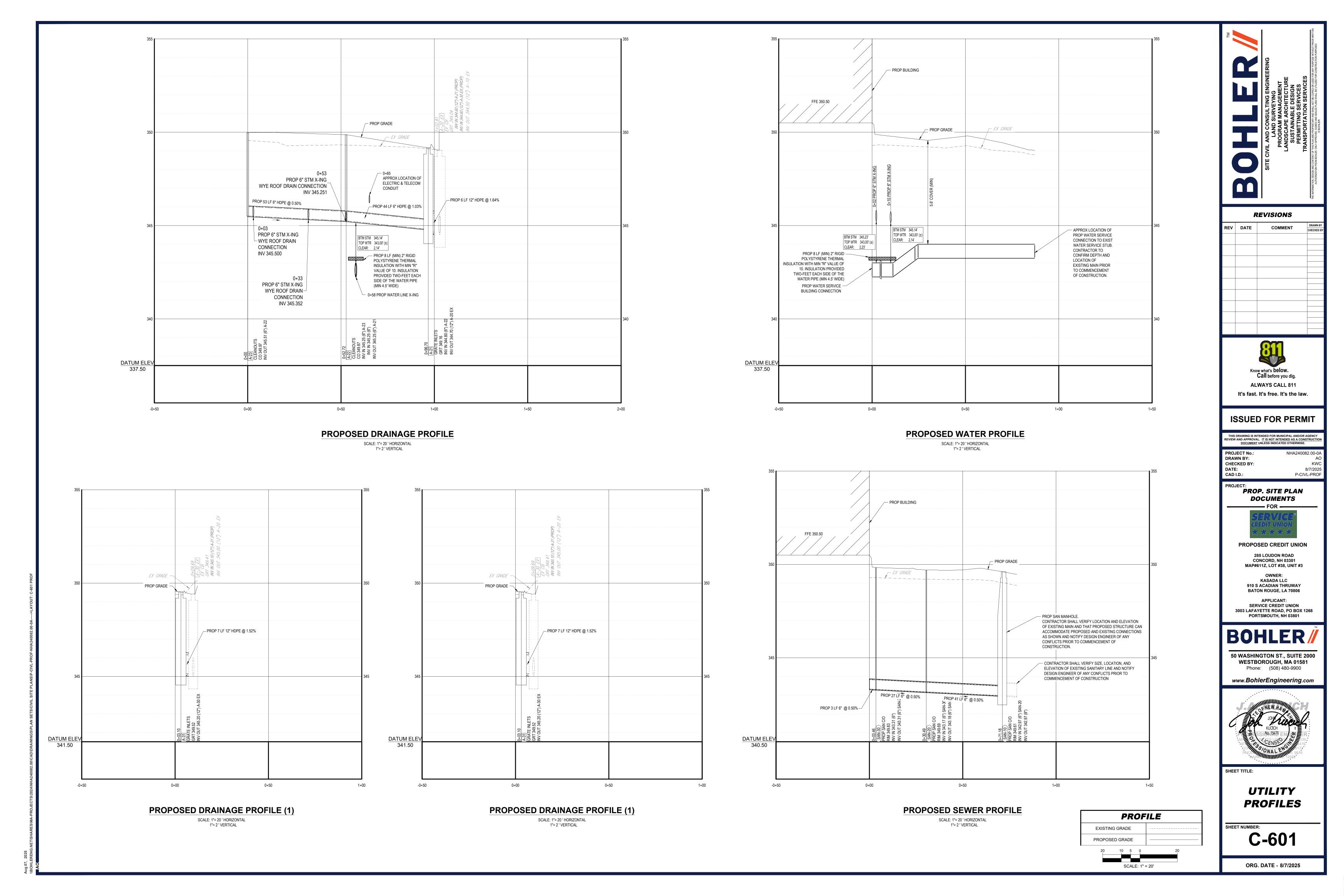
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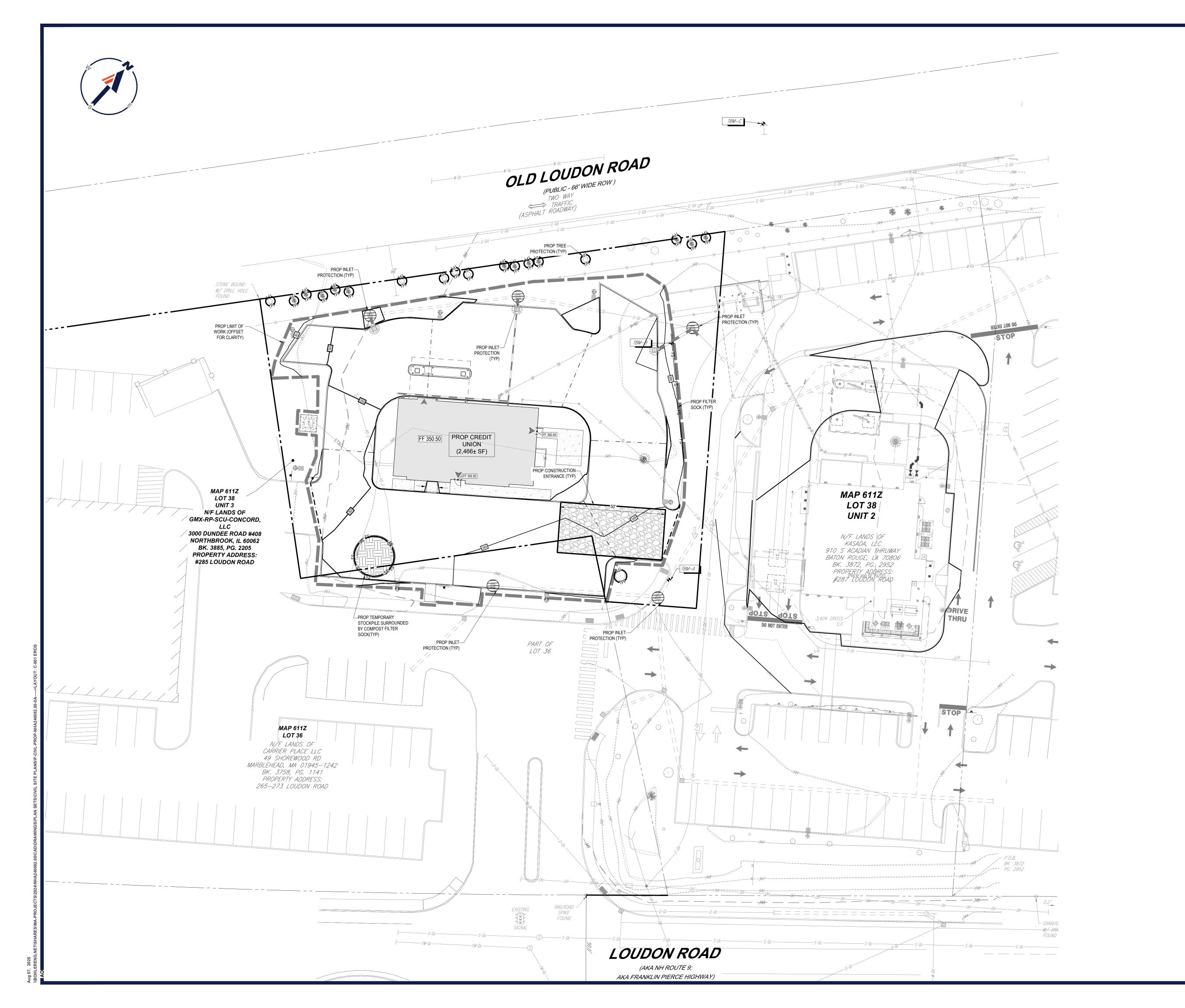
20 10 5 0 20 SCALE: 1" = 20' SHEET TITLE:

DRAINAGE & UTILITY PLAN

SHEET NUMBER:

C-502

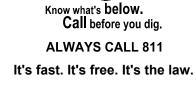






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PROP. SITE PLAN **DOCUMENTS** ----- FOR ----



PROPOSED CREDIT UNION 285 LOUDON ROAD CONCORD, NH 03301

MAP#611Z, LOT #38, UNIT #3

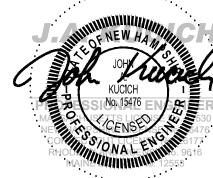
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**SOIL EROSION AND SEDIMENT CONTROL PLAN** 

SOIL EROSION AND SEDIMENT SHEET NUMBER: C-801

#### NEW HAMPSHIRE EROSION AND SEDIMENT CONTROL NOTES

- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE AS SET FORTH IN THE MOST CURRENT STATE SEDIMENT AND **EROSION CONTROL MANUAL**
- THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE LEFT IN AN UNTREATED OR UNVEGETATED CONDITION FOR A MINIMUM TIME. AREAS SHALL BE PERMANENTLY STABILIZED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS. AT A MINIMUM, AREAS SHALL BE PERMANENTLY STABILIZED ACCORDING TO THE CURRENT EDITION OF THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP), OR IN THE ABSENCE OF A SWPPP, THEY SHALL BE PERMANENTLY STABILIZED WITHIN 14 DAYS OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL. IF THE DISTURBANCE IS WITHIN 100 FEET OF A STREAM OR POND, THE AREA SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO ANY
- STORM EVENT (THIS WOULD INCLUDE WETLANDS). SEDIMENT BARRIERS (SILT FENCE, STRAW BARRIERS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES **GREATER THAN 8%**
- INSTALL SILTATION BARRIER AT TOE OF SLOPE TO FILTER SILT FROM RUNOFF. SEE SILTATION BARRIER DETAILS FOR PROPER INSTALLATION SILTATION BARRIER WILL REMAIN IN PLACE PER NOTE #5
- ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSITION. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED. FOR SEDIMENT CONTROL DEVICES THAT ARE WITHIN AREAS SUBJECT TO CONSERVATION COMMISSION JURISDICTION, THE DEVICES SHALL REMAIN IN PLACE
- AND BE REMOVED IN ACCORDANCE WITH THE ORDER OF CONDITIONS. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO TO ONE (2:1) UNLESS OTHERWISE INDICATED ON THE PLANS. SLOPE PROTECTION FOR SLOPES GREATER THAN 2:1 SHALL BE DESIGNED BY A GEOTECHNICAL ENGINEER.
- IF FINAL SEEDING OF THE DISTURBED AREAS IS NOT COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST, USE TEMPORARY MULCH (DORMANT SEEDING MAY BE ATTEMPTED AS WELL) TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.
- TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINAL GRADED SHALL BE COMPLETED 45 DAYS PRIOR TO THE FIRST KILLING FROST TO PROTECT FROM SPRING RUNOFF PROBLEMS.
- DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL STANDARDS REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED
- AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND PREPARED FOR FINAL SEEDING AS FOLLOWS: a) SIX INCHES, OR DEPTH SPECIFIED ON THE LANDSCAPE PLAN, OF LOAM WILL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED
- TO A UNIFORM SURFACE b) APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 800 LB PER ACRE OR 18.4 LB PER 1,000 SF USING
- 10-20-20 OR EQUIVALENT. APPLY GROUND LIMESTONE (EQUIVALENT TO 50% CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF 3 TONS PER ACRE (138 LB PER 1.000 SF). FOLLOWING SEED BED PREPARATION, DITCHES AND BACK SLOPES WILL BE SEEDED TO A MIXTURE OF 47% CREEPING RED FESCUE, 5% REDTOP, AND 48% TALL FESCUE. THE LAWN AREAS WILL BE SEEDED TO A PREMIUM TURF MIXTURE OF 44%
- KENTUCKY BLUE-GRASS, 44% CREEPING RED FESCUE, AND 12% PERENNIAL RYEGRASS; SEEDING RATE IS 1.03 LBS PER 1.000 SF LAWN. QUALITY SOD MAY BE SUBSTITUTED FOR SEED WHERE SLOPES DO NOT EXCEED 2:1, SOD ON SLOPES STEEPER THAN 3:1
- d) STRAW MULCH AT THE RATE OF 70-90 LBS PER 1,000 SF. A HYDRO-APPLICATION OF WOOD OR PAPER FIBER SHALL BE APPLIED FOLLOWING SEEDING. A SUITABLE NON-TOXIC BINDER WILL BE USED ON STRAW MULCH FOR WIND CONTROL. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS 70% STABILIZED. FOR EROSION CONTROL
- MEASURES THAT ARE WITHIN AREAS SUBJECT TO CONSERVATION COMMISSION JURISDICTION, THE MEASURES SHALL REMAIN IN PLACE AND BE REMOVED IN ACCORDANCE WITH THE ORDER OF CONDITIONS.
- WETLANDS WILL BE PROTECTED WITH BARRIERS CONSISTING OF STRAW BALES, COMPOST TUBES, SILT FENCE OR A COMBINATION
- . ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL HAVE AN EXPOSURE WINDOW OF NOT MORE THAN 7

- . ALL AREAS WITHIN 100 FEET OF A FLAGGED WETLAND OR STREAM SHALL FOLLOW APPROPRIATE EROSION CONTROL MEASURES PRIOR TO EACH STORM IF NOT BEING ACTIVELY WORK

LOCATION PROTECTED AREA	MULCH STRAW	MULCH RATE (1000 SF) 100 POUNDS
WINDY AREA	SHREDDED OR CHOPPED CORNSTALKS STRAW (ANCHORED)*	185-275 POUNDS 100 POUNDS
MODERATE TO HIGH VELOCITY AREAS OR STEEP SLOPES GREATER	JUTE MESH OR EXCELSIOR MAT	AS REQUIRED

#### (REFER TO GEOTECHNICAL REPORT FOR FINAL DESIGN REQUIREMENT) GREATER THAN 3:1

\* A HYDRO-APPLICATION OF WOOD OR PAPER FIBER MAY BE APPLIED FOLLOWING SEEDING. A SUITABLE NON-TOXIC BINDER SHALL BE USED TO ADDITIONAL WIND CONTROL

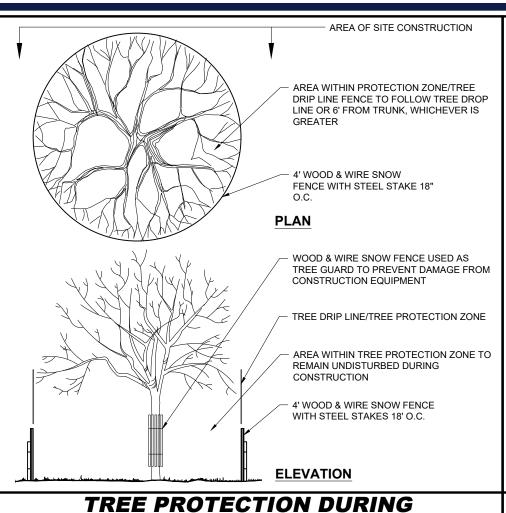
\* MULCH ANCHORING: ANCHOR MULCH WITH PEG AND TWINE (1 SQ. YD/BLOCK); MULCH NETTING (AS PER MANUFACTURER); WOOD CELLULOSE FIBER (750 LBS/ACRE); CHEMICAL TACK (AS PER MANUFACTURER'S SPECIFICATIONS); USE OF A SERRATED STRAIGHT DISK. WETTING FOR SMALL AREAS AND ROAD DITCHES MAY BE PERMITTED.

TEMPORARY SEDIMENT TRAPS SHALL BE SIZED PER THE CURRENT EDITION OF THE "NEW HAMPSHIRE NHDOT GUIDELINES FOR

- PROPOSED LOCATIONS OF SURFACE STORMWATER MANAGEMENT BASINS CAN BE UTILIZED AS A TEMPORARY SEDIMENT TRAP DURING CONSTRUCTION.SEDIMENT TRAPS SHALL BE SIZED AND CONSTRUCTED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS
- TEMPORARY EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT" AND PROVIDE A MINIMUM OF 1,800 CF PER ACRE OF TRIBUTARY AREA WITH A MAXIMUM TRIBUTARY AREA OF 5 ACRES, MAINTAIN A 2:1 LENGTH TO WIDTH RATIO, AND NOT EXCEED 5 FT IN HEIGHT, UPON SITE STABILIZATION, ACCUMULATED SEDIMENT SHALL BE REMOVED AND THE TEMPORARY SEDIMENT TRAP EXCAVATED TO 1 FOOT BELOW THE TRAP. THE AREA SHALL THEN BE SCARIFIED TO PREVENT COMPACTION AND PROMOTE INFILTRATION, AND GRADED AND STABILIZED IN ACCORDANCE WITH THE GRADING AND LANDSCAPE PLANS. STOCKPILING OF MATERIALS (DIRT, WOOD, CONSTRUCTION MATERIALS, ETC.) MUST REMAIN COVERED AT ALL TIMES TO MINIMIZE
- ANY DUST PROBLEMS THAT MAY OCCUR WITH ADJACENT PROPERTIES AND TO PROVIDE MAXIMUM PROTECTION AGAINST EROSION RUNOFF 17. EXISTING CATCH BASIN STRUCTURES SHALL BE PROTECTED UNTIL SUCH TIME AS THEY ARE REMOVED.
- 18. THE CONTRACTOR MUST PERFORM DEWATERING (IF REQUIRED), IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND PAY FOR THE COSTS ASSOCIATED WITH ANY AND ALL NECESSARY DISCHARGE PERMITS ASSOCIATED WITH SAME
- THE CONTRACTOR MUST LOCATE CONSTRUCTION WASTE MATERIAL STORAGE AREAS TO MINIMIZE EXPOSURE TO STORMWATER. THE CONTRACTOR MUST IMMEDIATELY PLACE CONSTRUCTION WASTE IN ON-SITE STORAGE CONTAINERS UNTIL THAT CONSTRUCTION WASTE IS READY FOR OFF-SITE DISPOSAL. THE CONTRACTOR MUST MAINTAIN SPILL PREVENTION AND RESPONSE EQUIPMENT AND MAKE SAME CONTINUOUSLY AVAILABLE ON-SITE FOR USE BY THE CONTRACTOR'S EMPLOYEES WHO MUST BE PROPERLY TRAINED IN THE APPLICATION OF SPILL PREVENTION AND RESPONSE PROCEDURES.
- 0. EROSION CONTROL NOTES DURING WINTER CONSTRUCTION . WINTER CONSTRUCTION PERIOD: NOVEMBER 1 THROUGH APRIL 15.
- . WINTER EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT THE AMOUNT OF AREA OPEN AT ONE TIME IS MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE AND IN CONFORMANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN SUCH THAT
- ADEQUATE PROVISIONS ARE EMPLOYED TO CONTROL STORMWATER RUNOFF. CONTINUATION OF EARTHWORK OPERATION ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE
- . AN AREA SHALL BE CONSIDERED TO HAVE BEEN TEMPORARILY STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR STRAW AT A RATE OF 100 LB. PER 1,000 SQUARE FEET (WITH OR WITHOUT SEEDING) OR DORMANT SEEDED MUI CHED AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE
- . FOR AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR A PERIOD EXCEEDING 14 DAYS BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED. IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 200-300% HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED AS APPLICABLE. SLOPES SHALL NOT BE LEFT UNSTABILIZED OVER THE WINTER OR IN AREAS WHERE WORK HAS CEASED. FOR MORE THAN 14 DAYS UNLESS TREATED IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF SEDIMENT BARRIERS OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS.
- 26 MUI CHING REQUIREMENTS: a) BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING OR WOOD CELLULOSE FIBER.
- b) MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPE
- EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%. c) MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15%. AFTER OCTOBER 1ST THE
- SAME APPLIES FOR ALL SLOPES GREATER THAN 8%. ALL DISTURBED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH THE STORMWATER PREVENTION PLAN.
- 28. DURING THE WINTER CONSTRUCTION PERIOD ALL SNOW SHALL BE REMOVED FROM AREAS OF SEEDING AND MULCHING PRIOR TO PLACEMENT

#### GENERAL EROSION AND SEDIMENT CONTROL NOTES

- THE GENERAL NOTES MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE GENERAL NOTES ARE REFERENCED HEREIN, AND THE CONTRACTOR MUST REFER TO THEM AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY. THE CONTRACTOR MUST BE FAMILIAR WITH AND ACKNOWLEDGE FAMILIARITY WITH ALL OF THE GENERAL NOTES AND ALL OF THE PLANS' SPECIFIC NOTES. EROSION CONTROL MEASURES MUST CONFORM TO THE STATE, LOCAL, AND FEDERAL GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL UNLESS OTHERWISE NOTED, OR UNLESS THE PROFESSIONAL OF RECORD CLEARLY AND SPECIFICALLY. IN WRITING, DIRECTS OTHERWISE. INSTALLATION OF EROSION CONTROL, CLEARING, AND SITE WORK MUST BE PERFORMED EXACTLY AS INDICATED IN THE EROSION CONTROL CONSTRUCTION NOTES.
- THE DISTURBED LAND AREA OF THIS SITE IS APPROXIMATELY 0.6 ACRES.
- THE FOLLOWING EROSION CONTROL MEASURES ARE PROPOSED FOR THIS SITE: ) STABILIZED CONSTRUCTION ENTRANCE/ EXIT - A TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT IS TO BE INSTALLED AT THE DESIGNATED LOCATION SHOWN ON THE PLAN. THIS AREA MUST BE GRADED SO THAT RUNOFF WATER WILL BE RETAINED
- SEDIMENT FENCE INSTALL SILT FENCE(S) AND/OR SILT SOCK AROUND ALL OF THE DOWNSLOPE PERIMETERS OF THE SITE,
- TEMPORARY FILL AND SOIL STOCKPILES. INSTALL FILTER FABRIC DROP INLET PROTECTION AROUND EACH DRAINAGE INLET AS DRAINAGE STRUCTURES ARE INSTALLED TO REDUCE THE QUANTITY OF SEDIMENT. INSTALL TEMPORARY INLET PROTECTION ON INLETS DOWNSLOPE FROM DISTURBANCE, WHICH MAY BE BEYOND THE LIMITS OF DISTURBED AREA. INSTALLATION OF EROSION CONTROL DEVICES MUST BE IN ACCORDANCE WITH ALL OF THE MANUFACTURER'S
- RECOMMENDATIONS. THE CONTRACTOR MUST INSPECT EROSION CONTROL MEASURES WEEKLY. THE CONTRACTOR MUST REMOVE ANY SILT DEPOSITS GREATER THAN 6 INCHES OR HALF THE EROSION CONTROL BARRIER'S HEIGHT COLLECTED ON THE FILTER FABRIC AND/OR SILT SOCK BARRIERS AND EXCAVATE AND REMOVE ANY SILT FROM DROP INLET PROTECTION.
- THE CONTRACTOR MUST APPLY TEMPORARY SEED AND MULCH TO ALL DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINISHED GRADE AND VEGETATED WITHIN 7 DAYS. WHEN AREAS ARE DISTURBED AFTER THE GROWING SEASON, THE CONTRACTOR MUST STABILIZE SAME WITH GEOTEXTILE FABRIC AND MAINTAIN SAME IN STRICT ACCORDANCE WITH BEST MANAGEMENT PRACTICES
- THE CONTRACTOR MUST INSTALL ADDITIONAL EROSION CONTROL MEASURES IF THE PROFESSIONAL OF RECORD SO REQUIRES, TO PREVENT ANY, INCLUDING THE INCIDENTAL, DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE.
- THE CONTRACTOR MUST BE RESPONSIBLE FOR INSPECTING AND MAINTAINING ALL EROSION CONTROL MEASURES ON THE SITE UNTIL PERMANENT PAVING AND TURF/LANDSCAPING IS ESTABLISHED. THE COSTS OF INSTALLING AND MAINTAINING THE EROSION CONTROL MEASURES MUST BE INCLUDED IN THE BID PRICE FOR THE SITE WORK AND THE CONTRACTOR IS RESPONSIBLE FOR ALL SUCH COSTS
- THE CONTRACTOR MUST CONTINUE TO MAINTAIN ALL EROSION CONTROL MEASURES UNTIL THE COMPLETION OF CONSTRUCTION AND THE ESTABLISHMENT OF VEGETATION.
- THE CONTRACTOR MUST REMOVE EROSION CONTROL MEASURES, SILT AND DEBRIS AFTER ESTABLISHING PERMANENT VEGETATION COVER OR OTHER INSTALLING A DIFFERENT. SPECIFIED METHOD OF STABILIZATION. THIS PLAN REPRESENTS THE MINIMUM LEVEL OF IMPLEMENTATION OF TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES, MEASURES AND STRUCTURES, ADDITIONAL FACILITIES, MEASURES AND STRUCTURES MUST BE INSTALLED WHERI
- NECESSARY TO COMPLY WITH ALL APPLICABLE CODES AND STANDARDS AND/OR TO PREVENT ANY, INCLUDING THE INCIDENTAL DISCHARGE OF SILT-LADEN RUNOFF FROM EXITING THE SITE THE CONTRACTOR MUST PROTECT ALL EXISTING TREES AND SHRUBS. THE CONTRACTOR MUST REFER TO THE LANDSCAPI
- AND/OR DEMOLITION PLAN(S) FOR TREE PROTECTION, FENCE LOCATIONS AND DETAILS. THE CONTRACTOR MUST REFER TO GRADING PLANS FOR ADDITIONAL INFORMATION THE CONTRACTOR MUST CLEAN EXISTING AND PROPOSED DRAINAGE STRUCTURES AND INTERCONNECTING PIPES ON OR OFF-SIT
- AS THE JURISDICTIONAL AGENCY REQUIRES, BOTH AT THE TIME OF SITE STABILIZATION AND AT END OF PROJECT. SOIL EROSION CONTROL MEASURES MUST BE ADJUSTED OR RELOCATED BY THE CONTRACTOR AS IDENTIFIED DURING SIT OBSERVATION IN ORDER TO MAINTAIN THE COMPLETE EFFECTIVENESS OF ALL CONTROL MEASURES.
- THE CONTRACTOR MUST IDENTIFY, ON THE PLAN, THE LOCATION OF WASTE CONTAINERS, FUEL STORAGE TANKS, CONCRETI WASHOUT AREAS AND ANY OTHER LOCATIONS WHERE HAZARDOUS MATERIALS ARE STORED.
- THE FOLLOWING CONSTRUCTION SEQUENCE IS RECOMMENDED:
- INSTALLATION OF STABILIZED CONSTRUCTION ENTRANCE/EXIT (AS SHOWN) INSTALLATION OF EROSION CONTROL BARRIER (STRAW BALES AND SILT FENCE) (AS SHOWN)
- INSTALLATION OF INLET PROTECTION IN STREET (AS SHOWN)
- DEMOLITION OF EXISTING SITE STRUCTURES (SEE DEMOLITION PLAN) DEMOLITION OF EXISTING SITE PAVEMENT AND AMENITIES (SEE DEMOLITION PLAN)
- CLEARING AND GRUBBING
- INSTALLATION OF TEMPORARY SWALES AND SEDIMENT BASINS EARTHWORK AND EXCAVATION/FILLING AS NECESSARY
- CONSTRUCTION OF UTILITIES STABILIZE PERMANENT LAWN AREAS AND SLOPES WITH TEMPORARY SEEDING
- INSTALLATION OF INLET PROTECTION OF ON-SITE UTILITIES (AS SHOWN)
- CONSTRUCTION OF BUILDINGS CONSTRUCTION OF ALL CURBING AND LANDSCAPE ISLANDS AS INDICATED ON THE PLANS
- SPREAD TOPSOIL ON SLOPED AREAS AND SEED AND MULCH
- FINAL GRADING OF ALL SLOPED AREAS
- PLACE 6" TOPSOIL ON SLOPES AFTER FINAL GRADING COMPLETED. FERTILIZE, SEED, AND MULCH SEED MIXTURE TO BE INSTALLED AS REQUIRED.
- REMOVAL OF THE TEMPORARY SEDIMENT BASINS PAVE PARKING LOT
- LANDSCAPING PER LANDSCAPING PLAN
- REMOVE EROSION CONTROLS AS DISTURBED AREAS BECOME STABILIZED TO 70% STABILIZATION OR GREATER



STAGGER BLOCK

DEWATERING

HOLES

CONSTRUCTION REQUIREMENTS

1. LAY FIRST COURSE OF BLOCK ON ITS SIDE FOR DEWATERING. PLACE BLOCKS AGAINST

2. PLACE HARDWARE CLOTH OR WIRE MESH OVER BLOCK OPENINGS TO SUPPORT STONE.

4. REMOVE STONE AND BLOCKS, AS DIRECTED, WHEN NO LONGER NEEDED. BEFORE STONE

AND BLOCKS ARE REMOVED, STABILIZE ANY SEDIMENT WHICH IS PERMITTED TO STAY IN

CONCORD STONE & BLOCK GATE INLET

**PROTECTION** 

NOT TO SCALE

3. PLACE STONE ON A 2:1 OR FLATTER SLOPE UP TO THE TOP OF BLOCK.

FLOW -

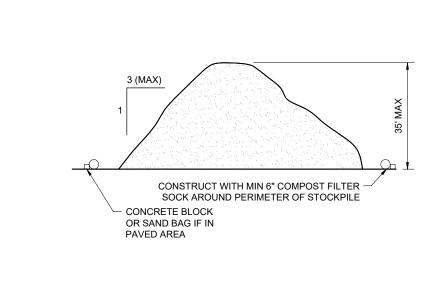
CONCRETE BLOCKS -

HARDWARE CLOTH OR

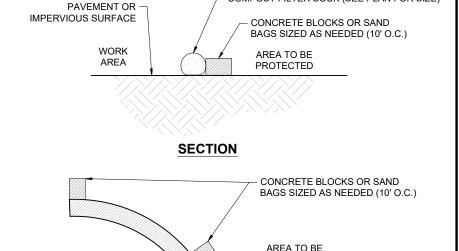
FRAME FOR SUPPORT.

PLACE WITH VEGETATION.

WIRE MESH (TYP)



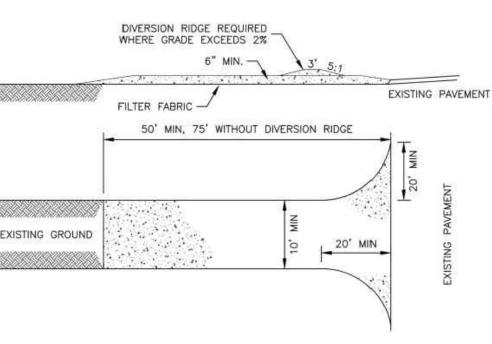
TEMPORARY STOCK PILE SITE CONSTRUCTION WITH FILTER SOCK



ALL MATERIAL TO MEET MANUFACTURER SPECIFICATIONS FILTER MEDIA TO MEET APPLICATION REQUIREMENTS. FILTER MEDIA TO BE DISPERSED ON SITE AT COMPLETION OF CONSTRUCTION AFTER STABILIZATION IS ACHIEVED. AS DETERMINED BY ENGINEER IN OWNER.

**EQUIVALENT ISSUED FOR PERMIT** 

### COMPOST FILTER SOCK IN PAVED CONDITION



#### CONSTRUCTION REQUIREMENTS

STONE SIZE - 3" COARSE AGGREGATE. THICKNESS - 6" MIN

EACH RAIN.

(NF-0030201 - 09/20

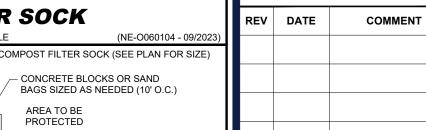
- FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF 6. LENGTH - NOT LESS THAN 50'. EXCEPT ON A SINGLE RESIDENCE LOT WHERE A
- 30' MIN LENGTH WOULD APPLY. WIDTH - 10' MIN, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE
- INGRESS OR EGRESS OCCURS. . SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD
- CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE.

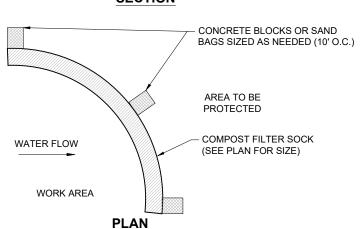
  MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC
- GHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY O. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. . PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER

#### **CONCORD CONSTRUCTION ENTRANCE**

NOT TO SCALE

(NE-O030201 - 09/20





OR APPROVED

EVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUC DOCUMENT UNLESS INDICATED OTHERWISE PROJECT No.: NHA240082.00-DRAWN BY: **CHECKED BY** DATE: CAD I.D.: P-CIVL-CNDS

**PROJECT** PROP. SITE PLAN **DOCUMENTS** 



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**REVISIONS** 

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CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3 KASADA LLC 910 S ACADIAN THRUWAY

**BATON ROUGE, LA 70806** APPLICANT: SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268

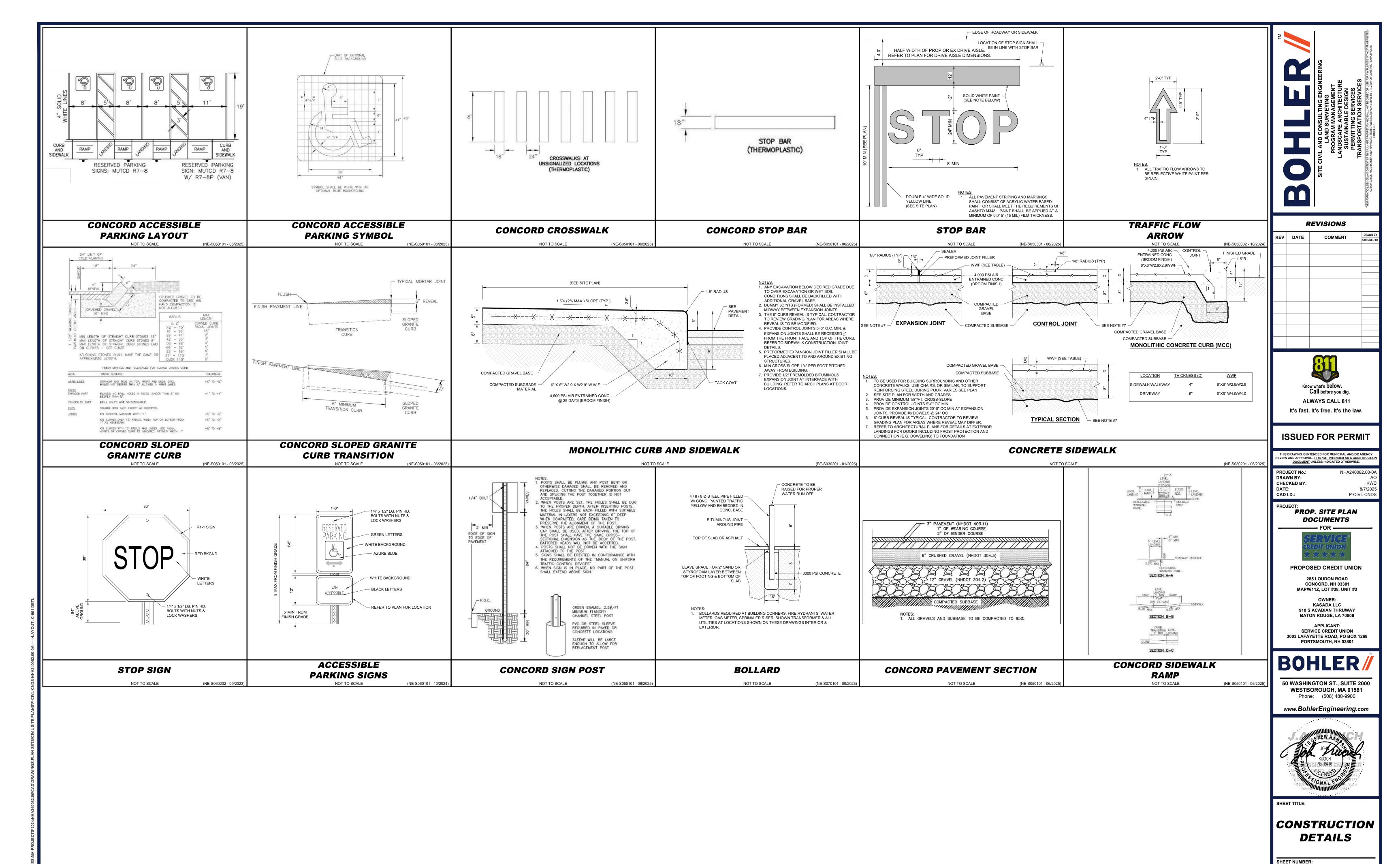
PORTSMOUTH, NH 03801

**50 WASHINGTON ST., SUITE 2000** WESTBOROUGH, MA 01581

Phone: (508) 480-9900 www.BohlerEngineering.com

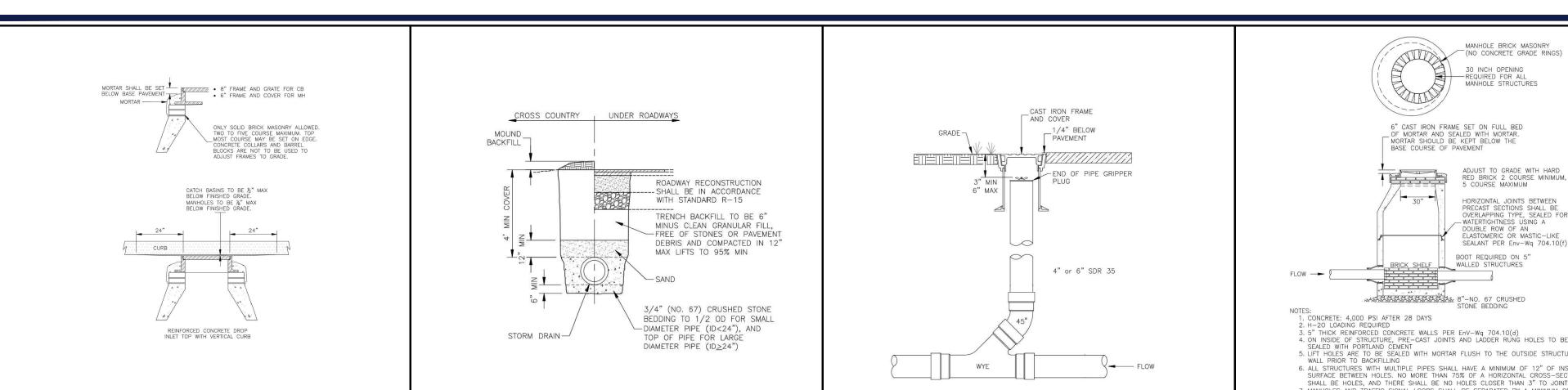


**EROSION AND** SEDIMENT CONTROL **NOTES AND DETAILS** 



ORG. DATE - 8/7/2025

C-901

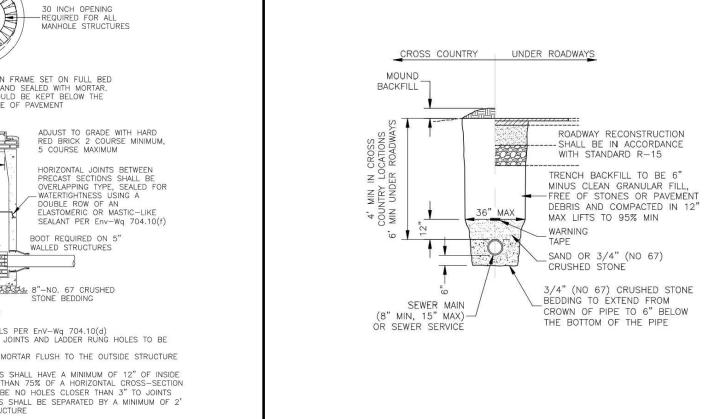


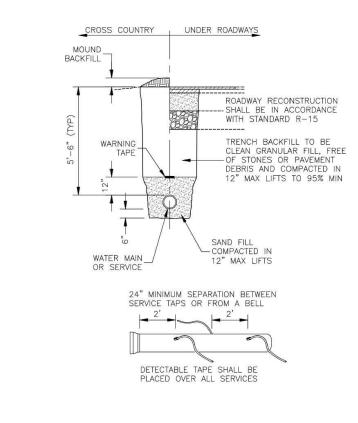
(NE-S050101 - 06/2025)

CONCORD STORM DRAIN

**TRENCH** 

NOT TO SCALE





SAND FILL-

CONCORD WATER SERVICE

INSTALLATION

NOT TO SCALE

TAP MAIN AND LAY COPPER TUBING PER THE WATER SERVICE TIE OVER DETAIL



#### REVISIONS

	REV	DATE	COMMENT	DRAWN BY
	KEV	DATE	COMMENT	CHECKED B
025)				



#### **ISSUED FOR PERMIT**

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PROJECT No.: NHA240082.00-0A
DRAWN BY: AO
CHECKED BY: KWC

DATE: 8/7/2025
CAD I.D.: P-CIVL-CNDS

PROJECT:

PROP. SITE PLAN
DOCUMENTS



PROPOSED CREDIT UNION

285 LOUDON ROAD
CONCORD, NH 03301

MAP#611Z, LOT #38, UNIT #3

OWNER:

KASADA LLC

910 S ACADIAN THRUWAY

BATON ROUGE, LA 70806

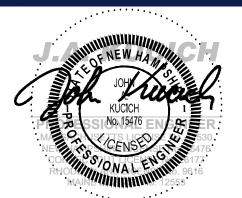
APPLICANT:
SERVICE CREDIT UNION
3003 LAFAYETTE ROAD, PO BOX 1268

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PORTSMOUTH, NH 03801

50 WASHINGTON ST., SUITE 2000 WESTBOROUGH, MA 01581 Phone: (508) 480-9900

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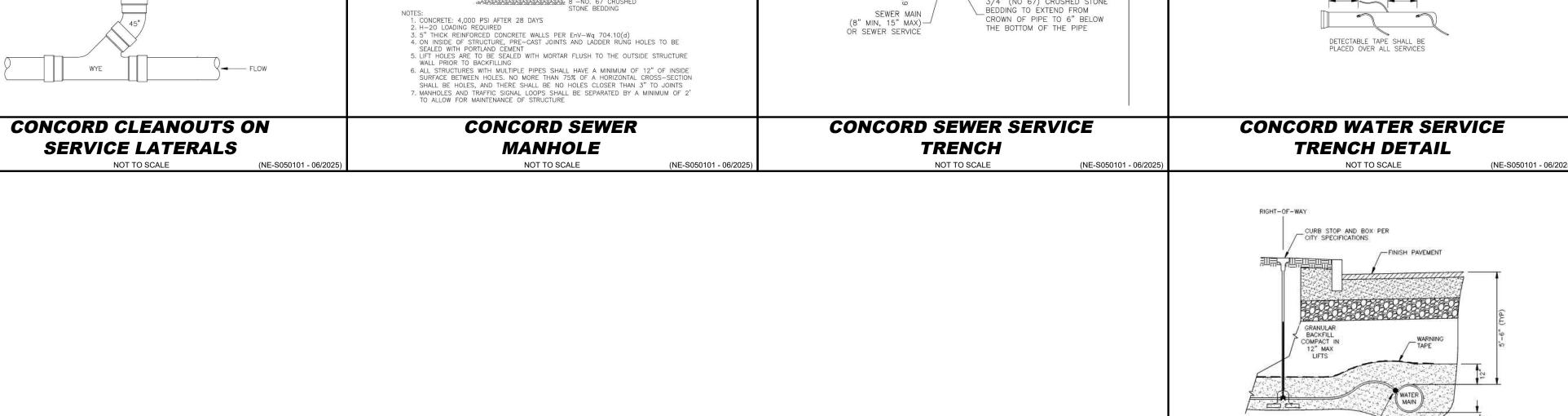
SHEET TITLE:

CONSTRUCTION DETAILS

ET NUMBER:

C-902

ORG. DATE - 8/7/2025



---->LAYOUT: C-902 DETL

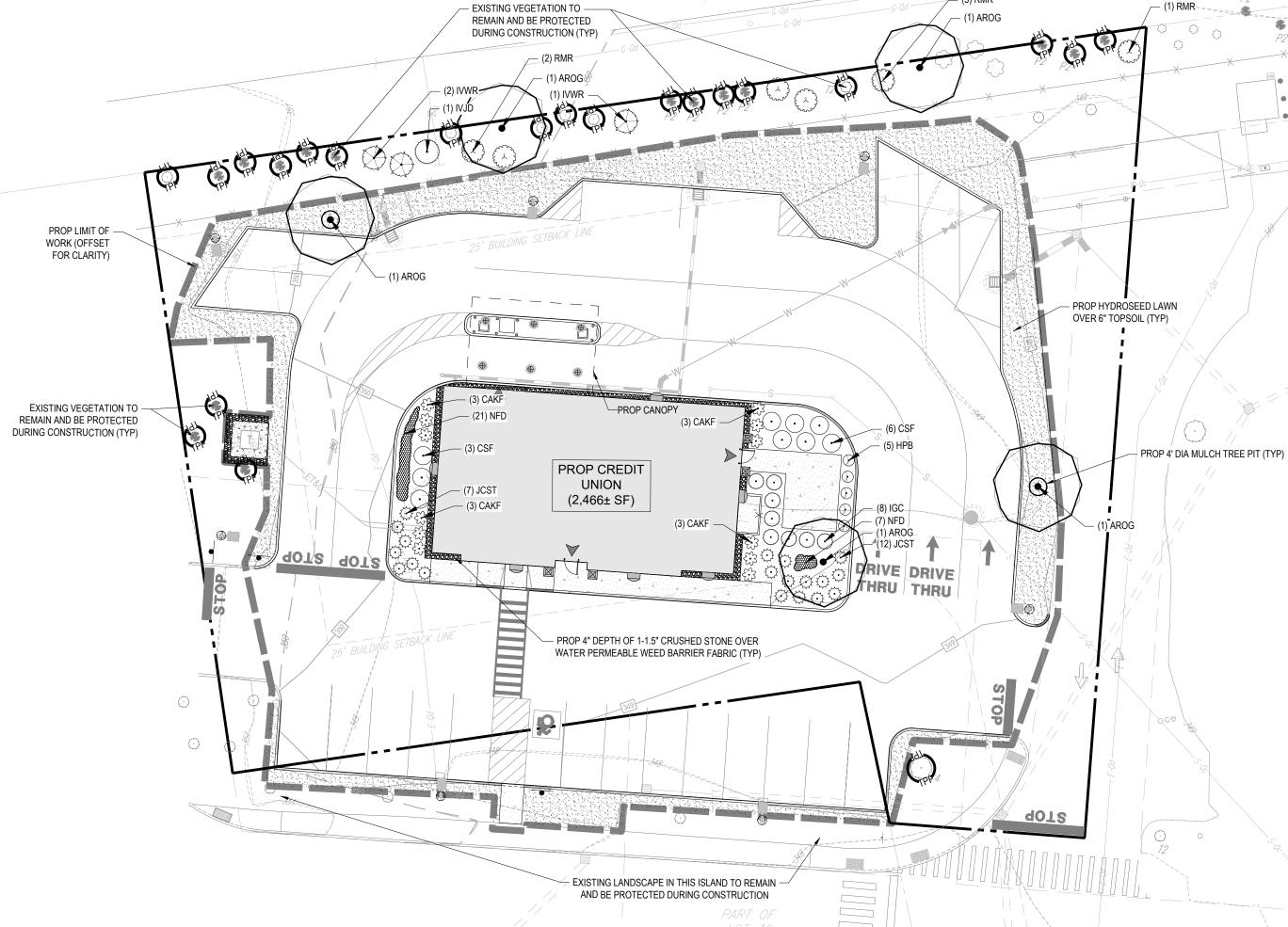
CONCORD ADJUSTING

FRAMES TO GRADE

(NE-S050101 - 06/2025

07 2025





SHEET FOR ADDITIONAL NOTES, REFERENCES AND SPECIFICATIONS.

REFER TO GENERAL NOTES

THIS PLAN TO BE UTILIZED FOR LANDSCAPE **PURPOSES ONLY** 

CONTRACTOR IS TO PROVIDE TAGS ON ALL INSTALLED PLANTINGS INDICATING GENUS, SPECIES, VARIETY AND **CULTURAL REQUIREMENTS, INCLUDING WATERING AND FERTILIZATION** 

REFER TO THE LANDSCAPE **NOTES AND DETAILS SHEET** L-102 FOR PLANTING REQUIREMENTS, PLANTING DETAILS AND LANDSCAPE **SPECIFICATIONS** 

#### **GENERAL LANDSCAPE NOTES:**

1. THIS PLAN IS TO BE UTILIZED FOR LANDSCAPE PURPOSES ONLY.

AKA FRANKLIN PIER

- 2. ALL DISTURBED UNPAVED AREAS, EXCLUDING PLANTING BEDS, ARE TO BE INSTALLED AS LAWN IN ACCORDANCE WITH THE LANDSCAPE SPECIFICATION #2.C., UNLESS OTHERWISE STATED ON THIS
- 3. ALL PROPOSED LANDSCAPE BEDS ARE TO BE TREATED WITH A 4" THICK LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH OVER WATER PERMEABLE WEED BARRIER FABRIC, UNLESS
- OTHERWISE STATED ON THIS PLAN. 4. SHRUBS PLANTED ALONG HEAD-IN PARKING STALLS ARE TO BE INSTALLED TO ALLOW A
- CLEARANCE OF TWO FEET FROM FACE OF CURB TO ALLOW FOR BUMPER OVERHANG. 5. PLANT MATERIAL SUBSTITUTIONS MUST BE FORMALLY SUBMITTED TO BOHLER ENGINEERING AND
- THE MUNICIPAL ENGINEER AND LANDSCAPE CONSULTANTS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION. ANY PLANT MATERIAL THAT IS TO BE INSTALLED WITHIN STORMWATER BMP FEATURES MUST BE NATIVE SPECIES.
- 6. ALL LANDSCAPE PLANTINGS ARE TO BE TAGGED WITH LABELS INDICATING GENUS, SPECIES, VARIETY, CULTIVARE, AND ANY SPECIFIC REQUIREMENTS (INCLUDING WATERING & FERTILIZATION).

	(1) IN NONRESIDENTIAL DISTRICTS, NONRESIDENTIAL USES ON LOTS WHICH DIRECTLY ABUT A RESIDENTIAL DISTRICT BOUNDARY SHALL PROVIDE ON THE PREMISES A BUFFER THAT IS IMMEDIATELY ADJACENT TO THE RESIDENTIAL DISTRICT BOUNDARY, IN ACCORDANCE WITH THE WIDTH STANDARDS CONTAINED IN THE FOLLOWING TABLE.	EXISTING VEGETATED BUFFER AND FENCE TO REMAIN. 15' BUFFER WIDTH PROVIDED.	15' BUFFER WIDTH REQUIRED FOR STRUCTURE OF UP TO 20' IN HEIGHT
	(D) BUFFER LANDSCAPE AND IMPROVEMENT STANDARDS. THE BUFFER IS INTENDED TO BE LANDSCAPED AND IMPROVED IN ORDER TO PROVIDE EFFECTIVE VISUAL SCREENING ON A YEAR-ROUND BASIS FOR USES IN RESIDENTIAL DISTRICTS AT A BOUNDARY WITH A NONRESIDENTIAL DISTRICT. BUFFERS SHALL EMPLOY EXISTING VEGETATION, OR NURSERY STOCK, OR BOTH, AS WELL AS FENCES, WALLS, EARTH BERMS, OR GRADE CHANGES, IN ACCORDANCE WITH THE STANDARDS CONTAINED HEREIN. THESE STANDARDS ARE INTENDED TO CREATE A DENSE OR OPAQUE SCREEN FOR THE FIRST SIX (6) FEET ABOVE THE GROUND ELEVATION OF THE RESIDENTIAL DISTRICT IMMEDIATELY ADJACENT TO THE DISTRICT BOUNDARY, AND A SEMI-OPAQUE SCREEN FROM THE SIXTH (6) TO THIRTIETH (30) FOOT ABOVE THAT GROUND ELEVATION. EVERY BUFFER SHALL COMPLY WITH ONE OF THE FOLLOWING OPTIONS:		
	(1) BUFFER OPTION 1.  THE BUFFER SHALL CONTAIN A MIXTURE OF EVERGREEN AND DECIDUOUS TREES AND SHRUBS IN ACCORDANCE WITH THE FOLLOWING STANDARDS GOVERNING THE SIZE AND DISTRIBUTION OF LANDSCAPE MATERIALS:  A. THE MIXTURE OF EVERGREEN AND DECIDUOUS TREES SHALL BE SUCH THAT NO MORE THAN SIXTY (60) PERCENT OF THE TREES ARE DECIDUOUS AND NO LESS THAN FORTY (40) PERCENT OF THE TREES ARE EVERGREENS, AND THERE IS ONE TREE FOR EVERY FOUR HUNDRED (400) SQUARE FEET OF REQUIRED BUFFER. AT THE TIME OF PLANTING, DECIDUOUS TREES SHALL BE AT LEAST TWELVE (12) FEET IN HEIGHT AND HAVE A TRUNK DIAMETER OF TWO AND ONE-HALF (2½) INCHES, AND EVERGREEN TREES SHALL BE AT LEAST EIGHT (8) FEET IN HEIGHT. ALL TREES SHALL BE OF A SPECIES THAT WILL ATTAIN A MATURE HEIGHT OF AT LEAST THIRTY (30) FEET. TREES SHALL BE PLANTED NO FURTHER THAN FORTY (40) FEET APART.	PROVIDED: 20 TREES  EVERGREEN TREES: 12 EXISTING TO REMAIN (60%) DECIDUOUS TREES: 6 TO REMAIN, 2 PROPOSED (40%)	REQUIRED BUFFER: 3,333 SF 3,333 SF / 400 = 8.3 TREES
	B. THE MIXTURE OF EVERGREEN AND DECIDUOUS SHRUBS SHALL BE SUCH THAT NO MORE THAN FORTY (40) PERCENT OF THE SHRUBS ARE DECIDUOUS AND NO LESS THAN SIXTY (60) PERCENT OF THE SHRUBS ARE EVERGREENS, AND THERE IS ONE SHRUB FOR EVERY FORTY (40) SQUARE FEET OF REQUIRED BUFFER. SHRUBS SHALL BE AT LEAST FOUR (4) FEET IN HEIGHT AT THE TIME OF PLANTING, AND ALL SHRUBS SHALL BE OF A SPECIES THAT WILL ATTAIN A MATURE HEIGHT OF AT LEAST SIX (6) FEET AND WIDTH OF AT LEAST FOUR (4) FEET WITHIN FIVE (5) YEARS OF THE TIME OF PLANTING. SHRUBS SHALL BE PLANTED NO FURTHER APART THAN FIVE (5) FEET IN STAGGERED ROWS SUCH THAT A DENSE VISUAL SCREEN WILL BE ESTABLISHED BY THE MATURE SHRUBS.	PROVIDED: 6 EVERGREEN SHRUBS (60%) 4 DECIDUOUS SHRUBS (40%)	REQUIRED BUFFER: 6 EVERGREEN SHRUBS (60%) 4 DECIDUOUS SHRUBS (40%)
§ ARTICLE 28-4 DEVELOPMENT DESIGN STANDARDS	(3) BUFFER OPTION 3. THE BUFFER SHALL CONTAIN A MIXTURE OF EVERGREEN AND DECIDUOUS TREES TOGETHER WITH A FENCE OR WALL. THE BUFFER SHALL MEET THE MINIMUM STANDARDS GOVERNING THE NUMBER, SIZE AND DISTRIBUTION OF TREES AS CONTAINED IN SECTION 28-4-2(D)(1), BUFFER OPTION 1, OF THIS ORDINANCE. THE REQUIRED FENCE OR WALL SHALL BE SOLID OR OPAQUE, AT LEAST SIX (6) FEET IN HEIGHT, AND SHALL BE INSTALLED PARALLEL TO, AND FOR THE ENTIRE LENGTH OF THE DISTRICT BOUNDARY. WHERE A BUFFER CONTAINING A FENCE IN ACCORDANCE WITH THIS BUFFER OPTION HAS BEEN ESTABLISHED ON ONE SIDE OF A RESIDENTIAL DISTRICT BOUNDARY, THIS OPTION SHALL NOT BE USED TO FULFILL THE BUFFER REQUIREMENTS ON THE SIDE OF THE DISTRICT BOUNDARY WHICH IS DIRECTLY OPPOSITE SUCH A FENCE OR WALL.	BUFFER OPTION 3 PROVIDED. EXISTING VEGETATED BUFFER AND FENCE TO REMAIN. 15' BUFFER WIDTH PROVIDED.	
	(E) BUFFERS FOR DISTRICT BOUNDARIES IN COLLECTOR OR LOCAL STREETS.  WHERE A BOUNDARY BETWEEN A NON-RESIDENTIAL DISTRICT AND A RESIDENTIAL DISTRICT IS LOCATED WITHIN OR ALONG THE EDGE OF A RIGHT-OF-WAY OF A COLLECTOR OR LOCAL STREET, A NONRESIDENTIAL USE IN THE NONRESIDENTIAL DISTRICT WHICH FRONTS ON SUCH A STREET SHALL INCORPORATE A FIFTEEN (15) FOOT WIDE BUFFER IN THE FRONT YARD ALONG THE FRONT LOT LINE ADJACENT TO THE EDGE OF THE RIGHT-OF-WAY. THIS BUFFER MAY VARY BETWEEN TEN (10) TO TWENTY (20) FEET IN WIDTH, PROVIDED THAT AN AVERAGE WIDTH OF FIFTEEN (15) FEET IS MAINTAINED ALONG THE ENTIRE FRONT LOT LINE.	PROVIDED	
	(H) SCREENING AND ORIENTATION OF MECHANICAL EQUIPMENT. FOR NONRESIDENTIAL USES ON LOTS WHICH DIRECTLY ABUT A RESIDENTIAL DISTRICT BOUNDARY, ALL APPURTENANT MECHANICAL EQUIPMENT SHALL BE VISUALLY SCREENED FROM ADJACENT RESIDENTIAL DISTRICTS.	PROVIDED. EXISTING FENCE TO REMAIN.	
	28-7-10 PARKING AREA LANDSCAPING STANDARDS  (A) PARKING LOT PERIMETER LANDSCAPING REQUIRED.  WHERE THE PROVISION OF A PARKING LOT OF MORE THAN TEN (10) SPACES IS REQUIRED, AN AREA OF NOT LESS THAN FIVE (5) FEET IN WIDTH ALONG THE PERIMETER OF THE PARKING LOT SHALL BE LANDSCAPED. WHERE A SETBACK OF TEN (10) FEET IS REQUIRED ALONG COLLECTOR AND ARTERIAL STREETS PURSUANT TO SECTION 28-7-7(G), SETBACKS AND RESTRICTIONS, OF THIS ORDINANCE, THE LANDSCAPED AREA SHALL BE INCREASED TO TEN (10) FEET IN WIDTH TO COINCIDE WITH THE REQUIRED SETBACK. IF A PARKING LOT IS LOCATED WITHIN FIFTY (50) FEET OF A RESIDENTIAL DISTRICT BOUNDARY, THE PERIMETER LANDSCAPING SHALL INCLUDE AT LEAST ONE OF THE FOLLOWING FEATURES:	PROVIDED	
	(1) A HEDGE OR OTHER DENSE PLANTING AT LEAST FOUR (4) FEET IN HEIGHT CONSISTING OF AT LEAST FIFTY (50) PERCENT EVERGREEN SHRUBBERY; (3) A SOLID WALL AT LEAST FOUR (4) FEET IN HEIGHT; OR (4) ANY COMBINATION OF THE ABOVE LISTED OPTIONS (1), (2), AND (3) WHICH WILL ACHIEVE FOUR (4) FEET IN HEIGHT.	OPTION 3 PROVIDED. EXISTING FENCE TO REMAIN.	
	(D) LANDSCAPE MATERIAL STANDARDS.  ALL LANDSCAPED AREAS REQUIRED BY THIS ARTICLE SHALL CONTAIN NO LESS THAN ONE LIVE SHADE OR ORNAMENTAL TREE FOR EVERY TWO THOUSAND (2,000) SQUARE FEET OF PARKING AREA. SUCH TREES SHALL HAVE A MINIMUM TRUNK DIAMETER (MEASURED TWELVE (12) INCHES ABOVE THE GROUND LEVEL) OF NOT LESS THAN TWO (2) INCHES AND SHALL BE PLANTED NOT MORE THAN FIFTY (50) FEET APART WITHIN EACH CONTIGUOUS LANDSCAPED AREA. ALL LANDSCAPED AREAS SHALL CONTAIN SHRUB AND GROUND COVER PLANTINGS, AND SHALL NOT BE PAVED EXCEPT FOR WALKWAYS NECESSARY FOR PEDESTRIAN SAFETY.	PROVIDED. 5+ EXISTING TREES TO REMAIN ALONG PARKING PERIMETER, AND 2 PROPOSED TREES.	REQUIRED: 9,250 SF PARKING AREA / 2,000 SF = 4.6155 TREES
	N. INTERIOR PARKING LOT LANDSCAPING IN SQUARE FOOT AND PERCENT;	3,050SF / 33%	
	O. CALCULATIONS OF REQUIRED TREES TO BE PROVIDED ON THE LANDSCAPE PLAN AND NUMBER PROVIDED; AND	PROVIDED: 4 PROPOSED TREES, 5+ EXISTING TREES	REQUIRED: 4.6155 TREES
IINOR SITE PLAN CHECKLIST	P. RESIDENTIAL BUFFER OPTION SELECTED, AREA OF BUFFER YARD REQUIRED IN SQUARE FEET, AND CALCULATIONS OF THE BUFFER PLANTINGS REQUIRED AND PROVIDED	PROVIDED: BUFFER OPTION 3  PROVIDED: APPROX. 3,500 SF BUFFER	REQUIRED: 3,333 SF OF BUFFER YARD
		PROVIDED: 20 TREES, 10 SHRUBS	REQUIRED: 8.3 TREES (60% EVERGREEN SHRUBS/40% DECIDUOUS SHRUBS)

CITY OF CONCORD, NEW HAMPSHIRE LANDSCAPE REQUIREMENTS

(1) IN NONRESIDENTIAL DISTRICTS. NONRESIDENTIAL USES ON LOTS WHICH DIRECTLY ABUT A RESIDENTIAL DISTRICT. | EXISTING VEGETATED BUFFER | 15' BUFFER WIDTH REQUIRE

PROPOSED

CALCULATION

REQUIREMENT

28-4-2 BUFFER REQUIREMENTS FOR RESIDENTIAL DISTRICT BOUNDARIES

(B) BUFFER WIDTH STANDARDS.

SECTION

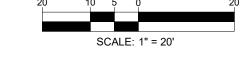
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER
CANOF	Y TREI	ES .			
AROG	5	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2.5"-3" CAL.	B&B
SHRUB	s				
CSF	9	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE RED TWIG DOGWOOD	24-36"	CONTAINER
HPB	5	HYDRANGEA PANICULATA 'ILVOBO'	BOBO PANICLE HYDRANGEA	20-24"	CONTAINER
IGC	8	ILEX GLABRA 'COMPACTA'	COMPACT INKBERRY	24-30"	CONTAINER
IVJD	1	ILEX VERTICILLATA 'JIM DANDY'	JIM DANDY WINTERBERRY	30-36"	CONTAINER
IVWR	3	ILEX VERTICILLATA 'WINTER RED'	WINTER RED WINTERBERRY	30-36"	CONTAINER
RMR	6	RHODODENDRON MAXIMUM 'ROSEUM'	PINK ROSEBAY RHODODENDRON	36-42"	CONTAINER
GRASS	FS				
CAKF	12	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	1 GAL.	CONTAINER
GROUN	IDCOV	=R			
JCST	19	JUNIPERUS CHINENSIS SARGENTII	SARGENT JUNIPER	15-18" SPRD	CONTAINER
PEREN	NIALS				
PENEN NFD	28	NEPETA X FAASSENII 'DROPMORE'	DROPMORE CATMINT	1 GAL.	CONTAINER

#### **OWNER MAINTENANCE RESPONSIBILITIES**

UPON OWNER'S (OR OWNER CONTRACTOR'S) COMPLETION OF LANDSCAPING WORK, THE OWNER IS FULLY RESPONSIBLE FOR ALL FUTURE MAINTENANCE, CARE, UPKEEP, WATERING, AND TRIMMING OF ALL INSTALLED VEGETATION, PLANTS, TREE, BUSHES, SHRUBS, GRASSES, GRASS, ORNAMENTAL PLANTS AND FLOWERS, FLOWERS, GROUND COVER, AND LANDSCAPING, INCLUDING ALL LANDSCAPE ISLANDS AND AREAS ADJACENT OR PART OF THE LANDSCAPED AREAS. THIS RESPONSIBILITY INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING: • TREES ADJACENT TO WALKWAYS AND AREAS OF PEDESTRIAN TRAFFIC MUST BE MAINTAINED TO

- ASSURE THAT ANY BRANCHES MUST BE LIMBED UP TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PEDESTRIAN SURFACES) OR PRUNED BACK TO AVOID ANY INTERFERENCE WITH THE TYPICAL
- TREES WITHIN VEHICULAR SIGHT LINES, AS ILLUSTRATED ON THE LANDSCAPE PLAN, ARE TO BE TRIMMED TO A CLEARANCE HEIGHT OF 7 FT. (FROM ALL PAVED, TRAVELED SURFACES), OR AS OTHERWISE INDICATED ON THE PLANS.
- VEGETATIVE GROUND COVER, SHRUBS AND ORNAMENTAL PLANTS AND GRASSES MUST BE TRIMMED SO THAT NO PORTION OF THE PLANT EXCEEDS 30 INCHES ABOVE GRADE (OF ALL PAVED, TRAVEL SURFACES) ALONG AND WITHIN THE SIGHT LINES OF PARKING LOTS AND
- FALLEN PLANT FLOWERS, FRUIT, SEEDS AND DEBRIS DROPPINGS ARE TO BE REMOVED IMMEDIATELY FROM VEHICULAR AND PEDESTRIAN TRAFFIC AREAS TO PREVENT TRIPPING. SLIPPING OR ANY OTHER HAZARDS. THESE REQUIREMENTS DO NOT AFFECT THE PLANT LIFE GUARANTEES THE LANDSCAPE

CONTRACTOR IS REQUIRED TO PROVIDE.



**REVISIONS** 

REV	DATE	COMMENT	CHECKED I



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#### **ISSUED FOR PERMIT**

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PROP. SITE PLAN



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**LANDSCAPE** PLAN

L-101

#### **NEW HAMPSHIRE LANDSCAPE SPECIFICATION**

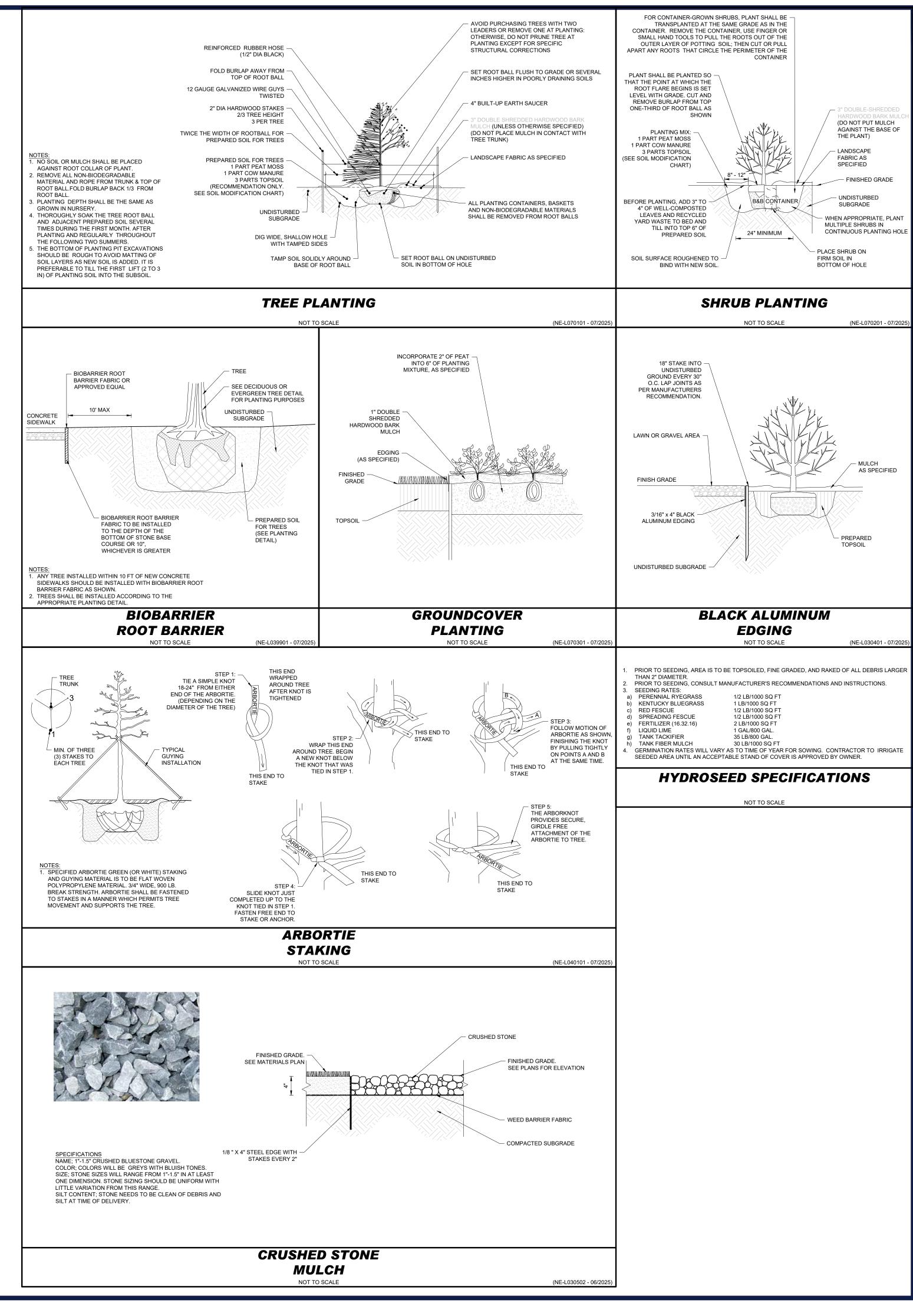
- a) THE LANDSCAPE CONTRACTOR SHALL BE REQUIRED TO PERFORM ALL CLEARING, FINISHED GRADING, SOIL PREPARATION PERMANENT SEEDING OR SODDING, PLANTING AND MULCHING INCLUDING ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT NECESSARY FOR THE COMPLETION OF THIS PROJECT, UNLESS OTHERWISE CONTRACTED BY THE GENERAL CONTRACTOR.
- GENERAL ALL HARDSCAPE MATERIALS SHALL MEET OR EXCEED SPECIFICATIONS AS OUTLINED IN THE STATE DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS
- TOPSOIL NATURAL, FRIABLE, LOAMY SILT SOIL HAVING AN ORGANIC CONTENT NOT LESS THAN 5%, A PH RANGE BETWEEN 4.5-7.0. IT SHALL BE FREE OF DEBRIS, ROCKS LARGER THAN ONE INCH (1"), WOOD, ROOTS, VEGETABLE MATTER AND CLAY
- c)a) ALL DISTURBED AREAS ARE TO BE TREATED WITH A MINIMUM 6" THICK LAYER OF TOPSOIL, OR AS DIRECTED BY THE
- LOCAL ORDINANCE OR CLIENT, AND SEEDED OR SODDED IN ACCORDANCE WITH THE PERMANENT STABILIZATION METHODS INDICATED ON THE LANDSCAPE PLAN LAWN SEED MIXTURE SHALL BE FRESH, CLEAN NEW CROP SEED.
- SOD SHALL BE STRONGLY ROOTED, WEED AND DISEASE/PEST FREE WITH A UNIFORM THICKNESS. SOD INSTALLED ON SLOPES GREATER THAN 4:1 SHALL BE PEGGED TO HOLD SOD IN PLACE
- c)d) MULCH ALL PLANTING BEDS SHALL BE MULCHED WITH A 3" THICK LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH, UNLESS OTHERWISE STATED ON THE LANDSCAPE PLAN AND/OR LANDSCAPE PLAN NOTES / DETAILS.
- d)a) FERTILIZER SHALL BE DELIVERED TO THE SITE MIXED AS SPECIFIED IN THE ORIGINAL UNOPENED STANDARD BAGS SHOWING WEIGHT, ANALYSIS AND NAME OF MANUFACTURER. FERTILIZER SHALL BE STORED IN A WEATHERPROOF PLACE SO THAT IT CAN BE KEPT DRY PRIOR TO USE
- FOR THE PURPOSE OF BIDDING, ASSUME THAT FERTILIZER SHALL BE 10% NITROGEN, 6% PHOSPHORUS AND 4% POTASSIUM BY WEIGHT. A FERTILIZER SHOULD NOT BE SELECTED WITHOUT A SOIL TEST PERFORMED BY A CERTIFIED SOIL LABORATORY. CONTRACTOR TO ADHERE TO STATE REGULATIONS REGARDING APPLICATION OF FERTILIZERS.
- e) PLANT MATERIAL e)a) ALL PLANTS SHALL IN ALL CASES CONFORM TO THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1), LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION
- (FORMERLY THE AMERICAN ASSOCIATION OF NURSERYMEN) e)b) IN ALL CASES, BOTANICAL NAMES SHALL TAKE PRECEDENCE OVER COMMON NAMES FOR ANY AND ALL PLANT
- e)c) PLANTS SHALL BE LEGIBLY TAGGED WITH THE PROPER NAME AND SIZE. TAGS ARE TO REMAIN ON AT LEAST ONE PLANT OF EACH SPECIES FOR VERIFICATION PURPOSES DURING THE FINAL INSPECTION.
- e)d) TREES WITH ABRASION OF THE BARK, SUN SCALDS, DISFIGURATION OR FRESH CUTS OF LIMBS OVER 11/4". WHICH HAVE NOT BEEN COMPLETELY CALLUSED, SHALL BE REJECTED. PLANTS SHALL NOT BE BOUND WITH WIRE OR ROPE AT ANY TIME SO AS TO DAMAGE THE BARK OR BREAK BRANCHES.
- e)e) ALL PLANTS SHALL BE TYPICAL OF THEIR SPECIES OR VARIETY AND SHALL HAVE A NORMAL HABIT OF GROWTH: WELL DEVELOPED BRANCHES, DENSELY FOLIATED, VIGOROUS ROOT SYSTEMS AND BE FREE OF DISEASE, INSECTS, PESTS, EGGS OR LARVAE
- e)f) CALIPER MEASUREMENTS OF NURSERY GROWN TREES SHALL BE TAKEN AT A POINT ON THE TRUNK SIX INCHES (6") ABOVE THE NATURAL GRADE FOR TREES UP TO AND INCLUDING A FOUR INCH (4") CALIPER SIZE. IF THE CALIPER AT SIX INCHES (6") ABOVE THE GROUND EXCEEDS FOUR INCHES (4") IN CALIPER, THE CALIPER SHOULD BE MEASURED AT A POINT 12" ABOVE THE NATURAL GRADE.
- e)g) SHRUBS SHALL BE MEASURED TO THE AVERAGE HEIGHT OR SPREAD OF THE SHRUB, AND NOT TO THE LONGEST
- e)h) TREES AND SHRUBS SHALL BE HANDLED WITH CARE BY THE ROOT BALL. GENERAL WORK PROCEDURES
- CONTRACTOR TO UTILIZE WORKMANLIKE INDUSTRY STANDARDS IN PERFORMING ALL LANDSCAPE CONSTRUCTION. THE SITE IS TO BE LEFT IN A CLEAN STATE AT THE END OF EACH WORKDAY. ALL DEBRIS, MATERIALS AND TOOLS SHALL BE PROPERLY STORED, STOCKPILED OR DISPOSED OF. WASTE MATERIALS AND DEBRIS SHALL BE COMPLETELY DISPOSED OF AT THE CONTRACTOR'S EXPENSE. DEBRIS SHALL NOT BE BURIED, INCLUDING ORGANIC MATERIALS, BUT SHALL BE REMOVED COMPLETELY FROM THE SITE.
- SITE PREPARATIONS BEFORE AND DURING PRELIMINARY GRADING AND FINISHED GRADING, ALL WEEDS AND GRASSES SHALL BE DUG OUT BY THE ROOTS AND DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES OUTLINED HEREIN
- ALL EXISTING TREES TO REMAIN SHALL BE PRUNED TO REMOVE ANY DAMAGED BRANCHES. THE ENTIRE LIMB OF ANY DAMAGED BRANCH SHALL BE CUT OFF AT THE BRANCH COLLAR. CONTRACTOR SHALL ENSURE THAT CUTS ARE SMOOTH AND STRAIGHT. ANY EXPOSED ROOTS SHALL BE CUT BACK WITH CLEAN, SHARP TOOLS AND TOPSOIL SHALL BE PLACED AROUND THE REMAINDER OF THE ROOTS. EXISTING TREES SHALL BE MONITORED ON A REGULAR BASIS FOR ADDITIONAL ROOT OR BRANCH DAMAGE AS A RESULT OF CONSTRUCTION. ROOTS SHALL NOT BE LEFT EXPOSED FOR MORE THAN ONE (1) DAY. CONTRACTOR SHALL WATER EXISTING TREES AS NEEDED TO PREVENT SHOCK OR DECLINE.
- CONTRACTOR SHALL ARRANGE TO HAVE A UTILITY STAKE-OUT TO LOCATE ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION OF ANY LANDSCAPE MATERIAL. UTILITY COMPANIES SHALL BE CONTACTED THREE (3) DAYS PRIOR TO THE BEGINNING OF WORK TREE PROTECTION
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING TREES TO REMAIN. A TREE PROTECTION ZONE SHALL BE ESTABLISHED AT THE DRIP LINE OR AT THE LIMIT OF CONSTRUCTION DISTURBANCE, WHICHEVER IS GREATER LOCAL STANDARDS THAT MAY REQUIRE A MORE STRICT TREE PROTECTION ZONE SHALL BE HONORED. A FORTY-EIGHT INCH (48") HIGH WOODEN SNOW FENCE OR ORANGE COLORED HIGH-DENSITY 'VISI-FENCE'. OR APPROVED
- EQUAL, MOUNTED ON STEEL POSTS SHALL BE PLACED ALONG THE BOUNDARY OF THE TREE PROTECTION ZONE. POSTS SHALL BE LOCATED AT A MAXIMUM OF EIGHT FEET (8') ON CENTER OR AS INDICATED WITHIN THE TREE PROTECTION DETAIL. WHEN THE TREE PROTECTION FENCING HAS BEEN INSTALLED IT SHALL BE INSPECTED BY THE APPROVING AGENCY PRIOR TO DEMOLITION, GRADING, TREE CLEARING OR ANY OTHER CONSTRUCTION. THE FENCING ALONG THE TREE PROTECTION ZONE SHALL BE REGULARLY INSPECTED BY THE LANDSCAPE CONTRACTOR AND MAINTAINED UNTIL ALL CONSTRUCTION ACTIVITY HAS BEEN COMPLETED
- AT NO TIME SHALL MACHINERY, DEBRIS, FALLEN TREES OR OTHER MATERIALS BE PLACED, STOCKPILED OR LEFT STANDING IN THE TREE PROTECTION ZONE SOIL MODIFICATIONS
- CONTRACTOR SHALL ATTAIN A SOIL TEST FOR ALL AREAS OF THE SITE PRIOR TO CONDUCTING ANY PLANTING. SOIL TESTS SHALL BE PERFORMED BY A CERTIFIED SOIL LABORATORY. LANDSCAPE CONTRACTOR SHALL REPORT ANY SOIL OR DRAINAGE CONDITIONS CONSIDERED DETRIMENTAL TO THE
- GROWTH OF PLANT MATERIAL. SOIL MODIFICATIONS, AS SPECIFIED HEREIN, MAY NEED TO BE CONDUCTED BY THE LANDSCAPE CONTRACTOR DEPENDING ON SITE CONDITIONS. THE FOLLOWING AMENDMENTS AND QUANTITIES ARE APPROXIMATE AND ARE FOR BIDDING PURPOSES ONLY. COMPOSITION OF AMENDMENTS SHOULD BE REVISED DEPENDING ON THE OUTCOME OF A TOPSOIL ANALYSIS PERFORMED
- BY A CERTIFIED SOIL LABORATORY. TO INCREASE A SANDY SOIL'S ABILITY TO RETAIN WATER AND NUTRIENTS, THOROUGHLY TILL ORGANIC MATTER INTO THE TOP 6-12". USE COMPOSTED BARK, COMPOSTED LEAF MULCH OR PEAT MOSS. ALL PRODUCTS SHOULD BE COMPOSTED TO A DARK COLOR AND BE FREE OF PIECES WITH IDENTIFIABLE LEAF OR WOOD STRUCTURE. AVOID MATERIAL WITH A PH **HIGHER THAN 7.5** d)a) TO INCREASE DRAINAGE, MODIFY HEAVY CLAY OR SILT (MORE THAN 40% CLAY OR SILT) BY ADDING COMPOSTED PINE
- BARK (UP TO 30% BY VOLUME) AND/OR AGRICULTURAL GYPSUM. COARSE SAND MAY BE USED IF ENOUGH IS ADDED TO BRING THE SAND CONTENT TO MORE THAN 60% OF THE TOTAL MIX. SUBSURFACE DRAINAGE LINES MAY NEED TO BE ADDED TO INCREASE DRAINAGE d)b) MODIFY EXTREMELY SANDY SOILS (MORE THAN 85%) BY ADDING ORGANIC MATTER AND/OR DRY, SHREDDED CLAY LOAM
- UP TO 30% OF THE TOTAL MIX.
- FINISHED GRADING UNLESS OTHERWISE CONTRACTED, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF
- TOPSOIL AND THE ESTABLISHMENT OF FINE-GRADING WITHIN THE DISTURBANCE AREA OF THE SITE. LANDSCAPE CONTRACTOR SHALL VERIFY THAT SUBGRADE FOR INSTALLATION OF TOPSOIL HAS BEEN ESTABLISHED. THE SUBGRADE OF THE SITE MUST MEET THE FINISHED GRADE LESS THE REQUIRED TOPSOIL THICKNESS (1"±). ALL LAWN AND PLANTING AREAS SHALL BE GRADED TO A SMOOTH, EVEN AND UNIFORM PLANE WITH NO ABRUPT CHANGE
- OF SURFACE AS DEPICTED WITHIN THIS SET OF CONSTRUCTION PLANS, UNLESS OTHERWISE DIRECTED BY THE PROJECT ENGINEER OR LANDSCAPE ARCHITECT. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED TO ALLOW FREE FLOW OF SURFACE WATER IN AND AROUND THE
- PLANTING BEDS. STANDING WATER SHALL NOT BE PERMITTED IN PLANTING BEDS. CONTRACTOR SHALL PROVIDE A 6" THICK MINIMUM LAYER OF TOPSOIL, OR AS DIRECTED BY THE LOCAL ORDINANCE OR
- CLIENT, IN ALL PLANTING AREAS. TOPSOIL SHOULD BE SPREAD OVER A PREPARED SURFACE IN A UNIFORM LAYER TO ACHIEVE THE DESIRED COMPACTED THICKNESS. ON-SITE TOPSOIL MAY BE USED TO SUPPLEMENT THE TOTAL AMOUNT REQUIRED. TOPSOIL FROM THE SITE MAY BE
- REJECTED IF IT HAS NOT BEEN PROPERLY REMOVED, STORED AND PROTECTED PRIOR TO CONSTRUCTION. CONTRACTOR SHALL FURNISH TO THE APPROVING AGENCY AN ANALYSIS OF BOTH IMPORTED AND ON-SITE TOPSOIL TO BE UTILIZED IN ALL PLANTING AREAS. THE PH AND NUTRIENT LEVELS MAY NEED TO BE ADJUSTED THROUGH SOIL MODIFICATIONS AS NEEDED TO ACHIEVE THE REQUIRED LEVELS AS SPECIFIED IN THE MATERIALS SECTION ABOVE. ALL LAWN AREAS ARE TO BE CULTIVATED TO A DEPTH OF SIX INCHES (6"). ALL DEBRIS EXPOSED FROM EXCAVATION AND CULTIVATION SHALL BE DISPOSED OF IN ACCORDANCE WITH GENERAL WORK PROCEDURES SECTION ABOVE. THE FOLLOWING SHALL BE TILLED INTO THE TOP FOUR INCHES (4") IN TWO DIRECTIONS (QUANTITIES BASED ON A 1,000 SQUARE
- FOOT AREA FOR BID PURPOSES ONLY ISEE SPECIFICATION 6 A 1). d)a) 20 POUNDS 'GRO-POWER' OR APPROVED SOIL CONDITIONER/FERTILIZER
- d)b) 20 POUNDS NITRO-FORM (COURSE) 38-0-0 BLUE CHIP OR APPROVED NITROGEN FERTILIZER THE SPREADING OF TOPSOIL SHALL NOT BE CONDUCTED UNDER MUDDY OR FROZEN CONDITIONS.
- INSOFAR THAT IT IS FEASIBLE, PLANT MATERIAL SHALL BE PLANTED ON THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, LANDSCAPE CONTRACTOR SHALL PROTECT UNINSTALLED PLANT MATERIAL. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN A THREE DAY PERIOD AFTER DELIVERY. PLANTS THAT WILL NOT BE PLANTED FOR A PERIOD OF TIME GREATER THAN THREE DAYS SHALL BE HEALED IN WITH TOPSOIL OR MULCH TO HELP PRESERVE ROOT MOISTURE. PLANTING OPERATIONS SHALL BE PERFORMED DURING PERIODS WITHIN THE PLANTING SEASON WHEN WEATHER AND SOIL
- TOPSOIL THAT IS IN A MUDDY OR FROZEN CONDITION. ANY INJURED ROOTS OR BRANCHES SHALL BE PRUNED TO MAKE CLEAN-CUT ENDS PRIOR TO PLANTING UTILIZING CLEAN, SHARP TOOLS ONLY INJURED OR DISEASED BRANCHING SHALL BE REMOVED. ALL PLANTING CONTAINERS, BASKETS AND NON-BIODEGRADABLE MATERIALS SHALL BE REMOVED FROM ROOT BALLS

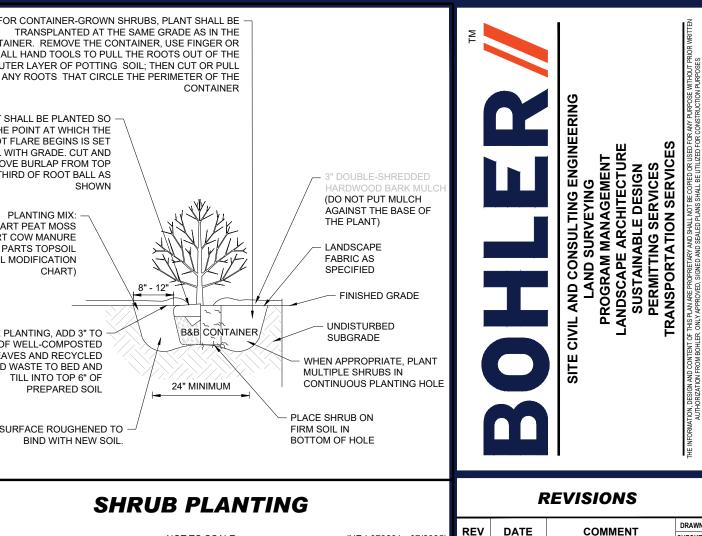
CONDITIONS ARE SUITABLE AND IN ACCORDANCE WITH ACCEPTED LOCAL PRACTICE. PLANTS SHALL NOT BE INSTALLED IN

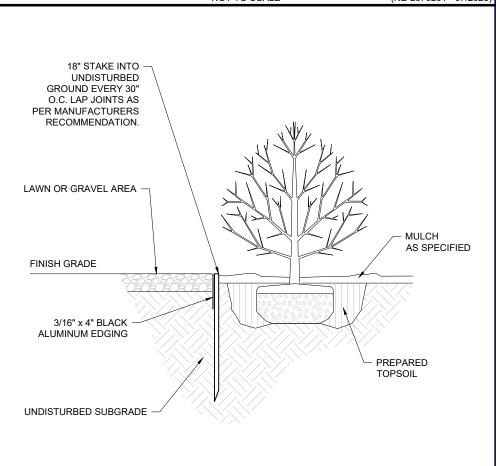
- DURING PLANTING. NATURAL FIBER BURLAP MUST BE CUT FROM AROUND THE TRUNK OF THE TREE AND FOLDED DOWN AGAINST THE ROOT BALL PRIOR TO BACKFILLING. POSITION TREES AND SHRUBS AT THEIR INTENDED LOCATIONS AS PER THE PLANS AND SECURE THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATING PITS. MAKING NECESSARY ADJUSTMENTS AS DIRECTED. PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY, THE PROPOSED LANDSCAPE, AS SHOWN ON THE APPROVED LANDSCAPE PLAN, MUST BE INSTALLED, INSPECTED AND APPROVED BY THE APPROVING AGENCY. THE
- PLANTING OF TREES, SHRUBS, VINES OR GROUND COVER SHALL OCCUR ONLY DURING THE FOLLOWING PLANTING SFASONS: f)a) PLANTS: MARCH 15 TO DECEMBER 15
- LAWN: MARCH 15 TO JUNE 15 OR SEPT. 1 TO DECEMBER 1 PLANTINGS REQUIRED FOR A CERTIFICATE OF OCCUPANCY SHALL BE PROVIDED DURING THE NEXT APPROPRIATE SEASON AT THE MUNICIPALITY'S DISCRETION. CONTRACTOR SHOULD CONTACT APPROVING AGENCY FOR POTENTIAL

APPROVING AGENCY SHALL TAKE INTO ACCOUNT SEASONAL CONSIDERATIONS IN THIS REGARD AS FOLLOWS. THE

- I) FURTHERMORE. THE FOLLOWING TREE VARIETIES ARE UNUSUALLY SUSCEPTIBLE TO WINTER DAMAGE. WITH TRANSPLANT SHOCK AND THE SEASONAL LACK OF NITROGEN AVAILABILITY. THE RISK OF PLANT DEATH IS GREATLY INCREASED. IT IS NOT RECOMMENDED THAT THESE SPECIES BE PLANTED DURING THE FALL PLANTING SEASON: PLATANUS X ACERIFOLIA ACFR RUBRUM
  - **BETULA VARIETIES** POPULUS VARIETIES **CARPINUS VARIETIES** PRUNUS VARIETIES CRATAEGUS VARIETIES **PYRUS VARIETIES** KOFI REUTERIA QUERCUS VARIETIES LIQUIDAMBAR STYRACIFI LIA TILIA TOMENTOSA
- LIRIODENDRON TULIPIFERA ZELKOVA VARIETIES PLANTING PITS SHALL BE DUG WITH LEVEL BOTTOMS, WITH THE WIDTH TWICE THE DIAMETER OF ROOT BALL. THE ROOT BALL SHALL REST ON UNDISTURBED GRADE. EACH PLANT PIT SHALL BE BACKFILLED IN LAYERS WITH THE FOLLOWING PREPARED SOIL MIXED THOROUGHLY
- h)a) 1 PART PEAT MOSS 1 PART COMPOSTED COW MANURE BY VOLUME
- h)c) 3 PARTS TOPSOIL BY VOLUME h)d) 21 GRAMS 'AGRIFORM' PLANTING TABLETS (OR APPROVED EQUAL) AS FOLLOWS:
- 2 TABLETS PER 1 GALLON PLANT
- 3 TABLETS PER 5 GALLON PLANT 4 TABLETS PER 15 GALLON PLANT
- h)d)d) I ARGER PLANTS 2 TABLETS PER 1/2" CALIPER OF TRUNK FILL PREPARED SOIL AROUND BALL OF PLANT HALF-WAY AND INSERT PLANT TABLETS. COMPLETE BACKFILL AND WATER
- ALL PLANTS SHALL BE PLANTED SO THAT THE TOP OF THE ROOT BALL. THE POINT AT WHICH THE ROOT FLARE BEGINS. IS SET AT GROUND LEVEL AND IN THE CENTER OF THE PIT. NO SOIL IS TO BE PLACED DIRECTLY ON TOP OF THE ROOT BALL.
- k) ALL PROPOSED TREES DIRECTLY ADJACENT TO WALKWAYS OR DRIVEWAYS SHALL BE PRUNED AND MAINTAINED TO A MINIMUM BRANCHING HEIGHT OF 7' FROM GRADE.
- GROUND COVER AREAS SHALL RECEIVE A 1/4" LAYER OF HUMUS RAKED INTO THE TOP 1" OF PREPARED SOIL PRIOR TO PLANTING. ALL GROUND COVER AREAS SHALL BE WEEDED AND TREATED WITH A PRE-EMERGENT CHEMICAL AS PER
- MANUFACTURER'S RECOMMENDATION. m) NO PLANT, EXCEPT GROUND COVERS, GRASSES OR VINES, SHALL BE PLANTED LESS THAN TWO FEET (2') FROM EXISTING
- n) ALL PLANTING AREAS AND PLANTING PITS SHALL BE MULCHED AS SPECIFIED HEREIN TO FILL THE ENTIRE BED AREA OR SAUCER NO MUI CH IS TO TOUCH THE TRUNK OF THE TREE OR SHRUB o) ALL PLANTING AREAS SHALL BE WATERED IMMEDIATELY UPON INSTALLATION IN ACCORDANCE WITH THE WATERING
- SPECIFICATIONS AS LISTED HEREIN 0. TRANSPLANTING (WHEN REQUIRED)
- a) ALL TRANSPLANTS SHALL BE DUG WITH INTACT ROOT BALLS CAPABLE OF SUSTAINING THE PLANT. b) IF PLANTS ARE TO BE STOCKPILED BEFORE REPLANTING, THEY SHALL BE HEALED IN WITH MULCH OR SOIL, ADEQUATELY WATERED AND PROTECTED FROM EXTREME HEAT, SUN AND WIND.
- c) PLANTS SHALL NOT BE DUG FOR TRANSPLANTING BETWEEN APRIL 10 AND JUNE 30
- UPON REPLANTING. BACKFILL SOIL SHALL BE AMENDED WITH FERTILIZER AND ROOT GROWTH HORMONE TRANSPLANTS SHALL BE GUARANTEED FOR THE LENGTH OF THE GUARANTEE PERIOD SPECIFIED HEREIN.
- F TRANSPLANTS DIE, SHRUBS AND TREES LESS THAN SIX INCHES (6") DBH SHALL BE REPLACED IN KIND. TREES GREATER THAN SIX INCHES (6") DBH MAY BE REQUIRED TO BE REPLACED IN ACCORDANCE WITH THE MUNICIPALITY'S TREE REPLACEMENT GUIDELINES.
- a) NEW PLANTINGS OR LAWN AREAS SHALL BE ADEQUATELY IRRIGATED BEGINNING IMMEDIATELY AFTER PLANTING. WATER SHALL BE APPLIED TO EACH TREE AND SHRUB IN SUCH MANNER AS NOT TO DISTURB BACKFILL AND TO THE EXTENT THAT ALL MATERIALS IN THE PLANTING HOLE ARE THOROUGHLY SATURATED. WATERING SHALL CONTINUE AT LEAST UNTIL PLANTS ARE ESTABLISHED b) SITE OWNER SHALL PROVIDE WATER IF AVAILABLE ON SITE AT TIME OF PLANTING. IF WATER IS NOT AVAILABLE ON SITE.
- CONTRACTOR SHALL SUPPLY ALL NECESSARY WATER. THE USE OF WATERING BAGS IS RECOMMENDED FOR ALL NEWLY
- c) IF AN IRRIGATION SYSTEM HAS BEEN INSTALLED ON THE SITE. IT SHALL BE USED TO WATER PROPOSED PLANT MATERIAL. BUT ANY FAILURE OF THE SYSTEM DOES NOT ELIMINATE THE CONTRACTOR'S RESPONSIBILITY OF MAINTAINING THE DESIRED MOISTURE LEVEL FOR VIGOROUS, HEALTHY GROWTH. 2. GUARANTEE a) THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANTS FOR A PERIOD OF 1 YEAR FROM APPROVAL OF LANDSCAPE
- INSTALLATION BY THE APPROVING AGENCY. CONTRACTOR SHALL SUPPLY THE OWNER WITH A MAINTENANCE BOND FOR TEN PERCENT (10%) OF THE VALUE OF THE LANDSCAPE INSTALLATION WHICH WILL BE RELEASED AT THE CONCLUSION OF THE GUARANTEE PERIOD AND WHEN A FINAL INSPECTION HAS BEEN COMPLETED AND APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE. b) ANY DEAD OR DYING PLANT MATERIAL SHALL BE REPLACED FOR THE LENGTH OF THE GUARANTEE PERIOD. REPLACEMENT
- OF PLANT MATERIAL SHALL BE CONDUCTED AT THE FIRST SUCCEEDING PLANTING SEASON. ANY DEBRIS SHALL BE DISPOSED OF OFF-SITE. WITHOUT EXCEPTION c) TREES AND SHRUBS SHALL BE MAINTAINED BY THE CONTRACTOR DURING CONSTRUCTION AND THROUGHOUT THE 90 DAY
- MAINTENANCE PERIOD AS SPECIFIED HEREIN. CULTIVATION, WEEDING, WATERING AND THE PREVENTATIVE TREATMENTS SHALL BE PERFORMED AS NECESSARY TO KEEP PLANT MATERIAL IN GOOD CONDITION AND FREE OF INSECTS AND DISEASE d) LAWNS SHALL BE MAINTAINED THROUGH WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, REGARDING AND REPLANTING AS REQUIRED TO ESTABLISH A SMOOTH, ACCEPTABLE LAWN, FREE OF ERODED OR BARE AREAS
- 13. CLEANUP a) UPON THE COMPLETION OF ALL LANDSCAPE INSTALLATION AND BEFORE THE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL UNUSED MATERIALS, EQUIPMENT AND DEBRIS FROM THE SITE. ALL PAVED AREAS ARE TO BE CLEANED.
- b) THE SITE SHALL BE CLEANED AND LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER OR AUTHORIZED REPRESENTATIVE MAINTENANCE (ALTERNATIVE BID)
- a) A 90 DAY MAINTENANCE PERIOD SHALL COMMENCE AT THE END OF ALL LANDSCAPE INSTALLATION OPERATIONS. THE 90 DAY MAINTENANCE PERIOD ENSURES TO THE OWNER/OPERATOR THAT THE NEWLY INSTALLED LANDSCAPING HAS BEEN MAINTAINED AS SPECIFIED ON THE APPROVED LANDSCAPE PLAN. ONCE THE INITIAL 90 DAY MAINTENANCE PERIOD HAS EXPIRED. THE OWNER/OPERATOR MAY REQUEST THAT BIDDERS SUBMIT AN ALTERNATE MAINTENANCE BID FOR A MONTHLY MAINTENANCE CONTRACT. THE ALTERNATE MAINTENANCE CONTRACT WILL ENCOMPASS ANY WORK THAT IS CONSIDERED APPROPRIATE TO ENSURE THAT PLANT AND LAWN AREAS ARE HEALTHY AND MANICURED TO THE APPROVAL OF THE OWNER/OPERATOR









### **ISSUED FOR PERMIT**

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENC VIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUC DOCUMENT UNLESS INDICATED OTHERWISE PROJECT No.: NHA240082.00-0 DRAWN BY: CAD I.D.: P-CIVL-LSCF

PROP. SITE PLAN **DOCUMENTS** FOR —

PROJECT:



PROPOSED CREDIT UNION

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APPLICANT: SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268 PORTSMOUTH, NH 03801

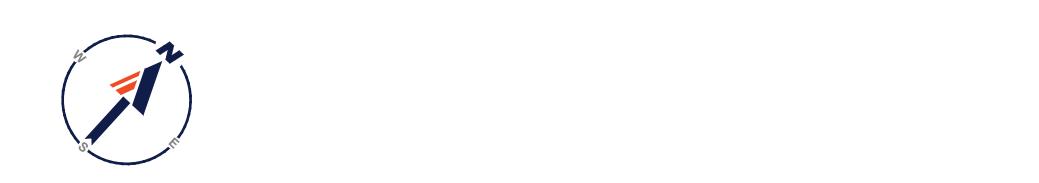
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50 WASHINGTON ST., SUITE 2000 WESTBOROUGH, MA 01581 Phone: (508) 480-9900

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LANDSCAPE **NOTES AND DETAILS** 



PROPLIMIT OF -0.0 WORK (OFFSET FOR CLARITY)

LUMINAIR	くと うじけと	DULE

MOUNTING HEIGHT 7'-6" AFF*  10'-0" AFG	ARRANGEMENT SINGLE SINGLE	1431 4060	0.900 0.900	DESCRIPTION  AFX, GALE LED OUTDOOR SCONCE, GLEW SERIES (GLEW-05-18L-30-x)
10'-0" AFG				AFX, GALE LED OUTDOOR SCONCE, GLEW SERIES (GLEW-05-18L-30-x)
	SINGLE	4060	0.000	
001.011.100			0.300	SPECTRUM, INFINIUM 6" ROUND DOWNLIGHT, ZERO UP-LIGHT (SGE6LEDFX-50L-35HK)
20'-0" AFG	SINGLE	8462	0.900	LITHONIA D-SERIES SIZE 1 LED AREA LUMINAIRE, TYPE 3M, WITH HOUSE-SIDE SHIELD, ZERO UP-LIGHT (DSX1-LED-P2-40K-70CRI-T3M-HS)
20'-0" AFG	SINGLE	8523	0.900	LITHONIA D-SERIES SIZE 1 LED AREA LUMINAIRE, TYPE 4M, WITH HOUSE-SIDE SHIELD, ZERO UP-LIGHT (DSX1-LED-P2-40K-70CRI-T4M-HS)
20'-0" AFG	SINGLE	7100	0.900	LITHONIA D-SERIES SIZE 1 LED AREA LUMINAIRE, TYPE BLC3, ZERO UP-LIGHT (DSX1-LED-P2-40K-70CRI-BLC3)
20'-0" AFG	SINGLE	7333	0.900	LITHONIA D-SERIES SIZE 1 LED AREA LUMINAIRE, TYPE BLC4, ZERO UP-LIGHT (DSX1-LED-P2-40K-70CRI-BLC4)
1'-0" AFF*	SINGLE	1568	0.900	LITHONIA WPX LED WALL PACK, ZERO UP-LIGHT (WPX1-LED-P1-40K-x)
	20'-0" AFG 20'-0" AFG	20'-0" AFG         SINGLE           20'-0" AFG         SINGLE           20'-0" AFG         SINGLE           20'-0" AFG         SINGLE	20'-0" AFG       SINGLE       8523         20'-0" AFG       SINGLE       7100         20'-0" AFG       SINGLE       7333	20'-0" AFG     SINGLE     8523     0.900       20'-0" AFG     SINGLE     7100     0.900       20'-0" AFG     SINGLE     7333     0.900

\*REFER TO ARCHITECTURAL DRAWINGS FOR FINAL LOCATION AND MOUNTING HEIGHT

LABEL	CALCTYPE	UNITS	AVG	MAX	MIN	AVG/MIN	MAX/MIN
ALL POINTS	ILLUMINANCE	FC	0.79	39.3	0.0	N.A.	N.A.
OLD LOUDON ROAD ROW	ILLUMINANCE	FC	0.00	0.0	0.0	N.A.	N.A.
DRIVE THRU	ILLUMINANCE	FC	4.37	39.3	1.0	4.37	39.30
PARKING COURT	ILLUMINANCE	FC	2.25	4.0	1.0	2.25	4.00
PARKING COURT NORTHWEST	ILLUMINANCE	FC	1.76	2.7	1.0	1.76	2.70

SECTION	REQUIREMENTS	PROPOSED
	28-4 DEVELOPMENT DESIGN STANDARDS 28-4-2 BUFFER REQUIREMENTS FOR RESIDENTIAL DISTRICT BOUNDARIES. (I) ILLUMINATION OF BUILDINGS. LIGHTING FIXTURES USED TO ILLUMINATE A BUILDING ON A LOT WHICH DIRECTLY ABUTS A RESIDENTIAL DISTRICT BOUNDARY, OR ON A LOT THROUGH WHICH A RESIDENTIAL DISTRICT BOUNDARY PASSES, SHALL BE DESIGNED TO MINIMIZE GLARE AND SKY-GLOW, AND TO DIRECT THE LIGHT AWAY FROM ADJACENT PROPERTIES AND AWAY FROM TRAFFIC ON ADJACENT STREETS. LIGHTING SHALL BE DESIGNED TO LIMIT ANY INCREASE IN OFF-SITE ILLUMINATION TO A MAXIMUM OF TWO-TENTHS (0.2) OF A FOOTCANDLE AS MEASURED AT THE SIDE AND REAR LOT LINES.	PROVIDED
§CHAPTER 28 - ZONING ORDINANCE	28-7- ACCESS, CIRCULATION, PARKING AND LOADING 28-7-7 PARKING AREA DESIGN STANDARDS (J) ILLUMINATION OF PARKING AREAS. LIGHTING FIXTURES USED TO ILLUMINATE PARKING AREAS SHALL BE DESIGNED TO MINIMIZE GLARE AND SKY-GLOW, AND TO DIRECT THE LIGHT AWAY FROM ADJACENT PROPERTIES AND AWAY FROM TRAFFIC ON ADJACENT STREETS. LIGHTING SHALL BE DESIGNED TO LIMIT ANY INCREASE IN OFF-SITE ILLUMINATION TO A MAXIMUM OF TWO-TENTHS (0.2) OF A FOOTCANDLES AS MEASURED AT THE SIDE AND REAR LOT LINES, EXCEPT WHERE PARKING LOTS ARE INTERCONNECTED. THE MAXIMUM MOUNTING HEIGHT OF A LIGHTING FIXTURE ABOVE THE GROUND SHALL BE TWENTY-FIVE (25) FEET IN A NONRESIDENTIAL DISTRICT. LIGHTING FIXTURES MOUNTED HIGHER THAN FIFTEEN (15) FEET ABOVE THE GROUND SHALL BE LIMITED TO CUT-OFF FIXTURES AS DEFINED BY THE ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA). ALL PARKING LOT LIGHTING SHALL BE SUBJECT TO A FOUR TO ONE (4:1) UNIFORMITY RATIO, WHICH IS THE RATIO OF AVERAGE ILLUMINATION TO MINIMUM ILLUMINATION.	PROVIDED

#### **GENERAL LIGHTING NOTES:**

- 1. THE GENERAL NOTES, FOUND ON THE NOTES PAGE OF THIS PLAN SET, MUST BE INCLUDED AS PART OF THIS ENTIRE DOCUMENT PACKAGE AND ARE PART OF THE CONTRACT DOCUMENTS. THE ELECTRICAL CONTRACTOR MUST BECOME FAMILIAR WITH, REFER TO AND FULLY COMPLY WITH THESE NOTES, IN THEIR ENTIRETY.
- . THE ELECTRICAL CONTRACTOR MUST COMPLY WITH ALL APPLICABLE CONTRACTOR GOVERNMENTAL REGULATIONS. THE LIGHTING PLAN DEPICTS PROPOSED, SUSTAINED ILLUMINATION LEVELS CALCULATED USING DATA PROVIDED BY THE NOTED MANUFACTURER(S). ACTUAL SUSTAINED SITE ILLUMINATION LEVELS AND PERFORMANCE OF LUMINAIRES MAY VARY DUE TO VARIATIONS IN WEATHER, ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, MAINTENANCE, THE
- SERVICE LIFE OF EQUIPMENT AND LUMINAIRES AND OTHER RELATED VARIABLE FIELD CONDITIONS. 3. THE LIGHTING VALUES AND CALCULATION POINTS DEPICTED ON THIS PLAN ARE ANALYZED ON A HORIZONTAL GEOMETRIC PLANE AT GROUND LEVEL UNLESS OTHERWISE NOTED. ILLUMINATION LEVELS ARE SHOWN IN FOOTCANDLES (FC). 4. THE LIGHTING PLAN IS INTENDED TO SHOW THE LOCATIONS AND TYPE OF LUMINAIRES. POWER
- SYSTEM, CONDUITS, WIRING, CONTROLS, AND OTHER ELECTRICAL COMPONENTS ARE SOLELY THE ARCHITECT'S, ELECTRICAL ENGINEER'S AND/OR ELECTRICAL CONTRACTOR'S RESPONSIBILITY, AS INDICATED IN THE CONSTRUCTION CONTRACT DOCUMENTS. THE CONTRACTOR MUST COORDINATE WITH THE PROJECT ARCHITECT AND/OR ELECTRICAL ENGINEER REGARDING ANY AND ALL POWER SOURCES AND TIMING DEVICES NECESSARY TO MEET THE DESIGN INTENT. THESE ITEMS MUST BE INSTALLED AS REQUIRED BY FEDERAL, STATE AND LOCAL REGULATIONS. CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF LIGHTING FIXTURES AND APPURTENANCES IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) AND ALL APPLICABLE BUILDING AND LOCAL ELECTRICAL CODES.
- 5. THE ELECTRICAL CONTRACTOR MUST BRING IMMEDIATELY, IN WRITING, ANY LIGHT LOCATIONS THAT CONFLICT WITH DRAINAGE, UTILITIES, OR OTHER STRUCTURE(S) TO THE PROFESSIONAL OF RECORD'S ATTENTION, PRIOR TO THE START OF CONSTRUCTION.
- 6. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL LIGHTING IS INSTALLED PER THIS LIGHTING PLAN, INCLUDING THE LOCATION, ORIENTATION, SHIELDING, AND/OR ROTATED OPTICS ARE INSTALLED AS INDICATED ON THE PLAN IN ORDER TO ACHIEVE THE LIGHTING LEVELS DEPICTED ON THIS PLAN. EXISTING POLES AND FOUNDATIONS ARE NOT TO BE REUSED.
- 7. UPON OWNER'S ACCEPTANCE OF THE COMPLETED PROJECT, THE OWNER SHALL BE RESPONSIBLE FOR ALL MAINTENANCE, SERVICING, REPAIR AND INSPECTION OF THE LIGHTING SYSTEM AND ALL OF ITS COMPONENTS AND RELATED SYSTEMS. THE LUMINAIRES, LAMPS AND LENSES MUST BE REGULARLY INSPECTED/MAINTAINED TO ENSURE THAT THEY FUNCTION PROPERLY. THIS WORK SHOULD INCLUDE, BUT IS NOT LIMITED TO, VISUAL OBSERVATION, CLEANING OF LENSES, AND OTHER MAINTENANCE SPECIFIED BY THE MANUFACTURER. FAILURE TO FOLLOW THE ABOVE STEPS COULD RESULT IN IMPROPER LIGHT DISTRIBUTION AND FAILURE TO COMPLY WITH THE APPROVED
- 8. THE LIGHT LOSS FACTORS (LLF) DEPICTED IN THE LUMINAIRE SCHEDULE ON THIS PLAN ARE BASED ON DATA PROVIDED BY THE MANUFACTURER FOLLOWING IES LM-80-21 TESTING (OR MOST RECENT EDITION). THE LIGHT LEVELS DEPICTED ON THIS PLAN WERE CALCULATED BASED ON THE LLF LISTED IN THE LUMINAIRE SCHEDULE.
- 9. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE SUBMITTALS TO BOHLER FOR REVIEW AND APPROVAL. SUBSTITUTION REQUESTS MUST BE ACCOMPANIED BY A HORIZONTAL PHOTOMETRIC STUDY DEMONSTRATING THAT THE LUMINAIRE(S) IN QUESTION WILL MEET THE DESIGN INTENT OF THIS PLAN. SUBSTITUTION REQUESTS WITHOUT A PHOTOMETRIC STUDY WILL BE

THIS PLAN TO BE UTILIZED

FOR LIGHTING PURPOSES

ONLY

10.LIGHT POLE FOUNDATIONS ARE SHOWN ON THE PLAN IN THE INTENDED LOCATION BASED ON THE LIGHTING CALCULATIONS, UNLESS OTHERWISE NOTED. LIGHT SYMBOLS ARE SHOWN LARGER THAN ACTUAL SIZE, HOWEVER FOUNDATION SIZE IS SHOWN AT ACTUAL SIZE.

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#### **ISSUED FOR PERMIT**

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. <u>IT IS NOT INTENDED AS A CONSTRUCT DOCUMENT</u> UNLESS INDICATED OTHERWISE.

DRAWN BY: P-CIVL-LGH1

> PROP. SITE PLAN **DOCUMENTS**



PROPOSED CREDIT UNION 285 LOUDON ROAD CONCORD, NH 03301

MAP#611Z, LOT #38, UNIT #3 KASADA LLC 910 S ACADIAN THRUWAY

BATON ROUGE, LA 70806 APPLICANT: SERVICE CREDIT UNION 3003 LAFAYETTE ROAD, PO BOX 1268

PORTSMOUTH, NH 03801

**50 WASHINGTON ST., SUITE 2000** WESTBOROUGH, MA 01581 Phone: (508) 480-9900

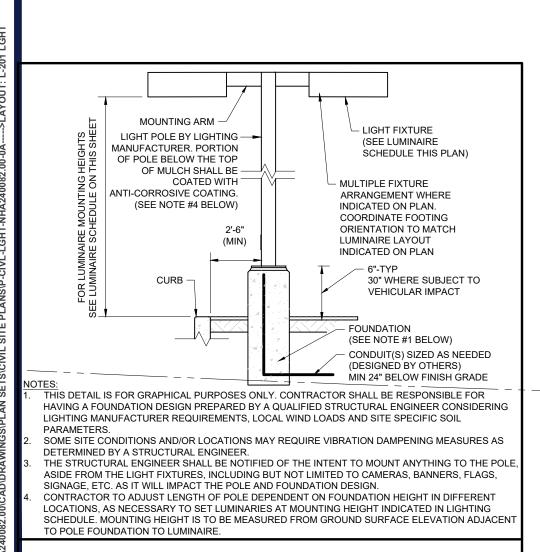
www.BohlerEngineering.com



LIGHTING PLAN

L-201

ORG. DATE - 8/7/2025



LOUDON ROAD

USING EXISTING POLE FOUNDATION FOR NEW POLE SETUP

STRUCTURAL ENGINEER TO CONFIRM FEASIBILITY OF

**PROP CREDIT** 

UNION (2,466± SF)

AREA LIGHT

(AKA NH ROUTE 9;

AKA FRANKI IN PIFRCE HIGHWAY)



### Gale LED Outdoor Sconce GLEW Series

#### Features

Ideal use for security and general lighting in outdoor residential, commercial, and hospitality applications. Vertical or horizontal mounting. Fixture mounts to a standard junction box (not included).

#### Construction

Durable metal construction with powder coat finish. Standard mounting holes and hardware are included. Power supply connections must be made inside a junction box (not included).

#### Finish Black or Textured Grey.

#### **Diffuser**White frosted glass diffuser.

## **Electrical**Input 120-277 VAC / 60 Hz. 0-10V dimming (120-277V), TRIAC (120V).

## Minimum starting temp -4° F/ -20°C. **LED**

#### Integrated LED modules capable of producing: 25W = 1425 delivered lumens 29W = 1663 delivered lumens 35W = 2400 delivered lumens 3000K (CCT). Rated for 50,000 Hrs., 90 CRI.

#### Certification

All fixtures are cETLus listed for wet locations. Title 24/JA8 Compliant (outdoor only).

#### Emergency battery back-up (24" and 36" ONLY\*) Add -BB to end of part number.

Warranty
Limited warranty: This fixture is free from defects in materials and workmanship for a period of 5 years from date of purchase.

#### Specifications and dimensions

COMMERCIAL OUTDOOR



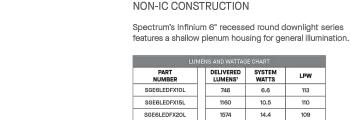
3000K | GELWG33GE3G07 | 35W 24G0 3000K | 30 4 7 2 2 7 2

2345 N. Ernie Krueger Circle • Waukegan, IL. 60087 • P: 847.249.5970 • F: 847.249.2618 • AFXinc.com

CATALOG glew0536l30udbk



R1/23



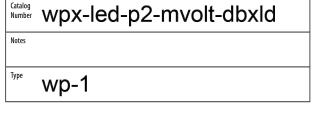
COMMERCIAL DOWNLIGHT SERIES BY SPECTRUM

**6" ROUND DOWNLIGHT** 











The WPX LED wall packs are energy-efficient, cost-effective, and aesthetically appealing full-cut off solution for both new construction and HID wall pack replacement/renovation opportunities. Reliable IP66 construction and excellent LED lumen maintenance ensure a long service life.

#### FEATURES:

Architectural design at very economical prices

Energy efficient - payback in less than two years
 Wide range of configuration options available

Note: WPX3 lumen package and all the WPX configuration options are not included in the Contractor Select program. For more information, please visit <u>WPX LED</u>.





\*265SX6 193048870770 120

ns	Input Watts	Photocell	Finish	Voltage	Catalog Number	CI Code	UPC	Pallet qty.	Replaces Up To
550	6.4-13W	Switchable On/Off	DARK BRONZE	120-277V	WPX0 LED ALO SWW2 MVOLT PE DDBXD M2	*276U4U	196182511806	280	70W Metal Halide
)	24W	N/A	DARK BRONZE	120-277V	WPX1 LED P2 40K MVOLT DDBXD M4	*265SWK	193048870589	160	150W Metal Halide
1	47\M	N/A	DARK	120 2771/	WARYS LED ANY MIVOLT DODGED MS	*765572	102040070756	120	250W Metal

120-277V WPX2 LED 50K MVOLT DDBXD M2

More configurations are available. <u>Click here</u> or visit www.acuitybrands.com and search for <u>WPX LED</u>.

CONTRACTOR SELECT WPX SERIES LED

Page 1 of 2

REV	DATE	COMMENT	DRAWN I
		<b>C</b> CCC	



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PROJECT No.: NHA240082.00-0A DRAWN BY: AO CHECKED BY: KWC

P-CIVL-LGH1

PROJECT:

PROP. SITE PLAN

DATE: CAD I.D.:



PROPOSED CREDIT UNION

285 LOUDON ROAD CONCORD, NH 03301 MAP#611Z, LOT #38, UNIT #3

OWNER:

KASADA LLC

910 S ACADIAN THRUWAY

BATON ROUGE, LA 70806

APPLICANT:
SERVICE CREDIT UNION
3003 LAFAYETTE ROAD, PO BOX 1268

PORTSMOUTH, NH 03801

## BOHLER

50 WASHINGTON ST., SUITE 2000 WESTBOROUGH, MA 01581 Phone: (508) 480-9900

www.BohlerEngineering.com

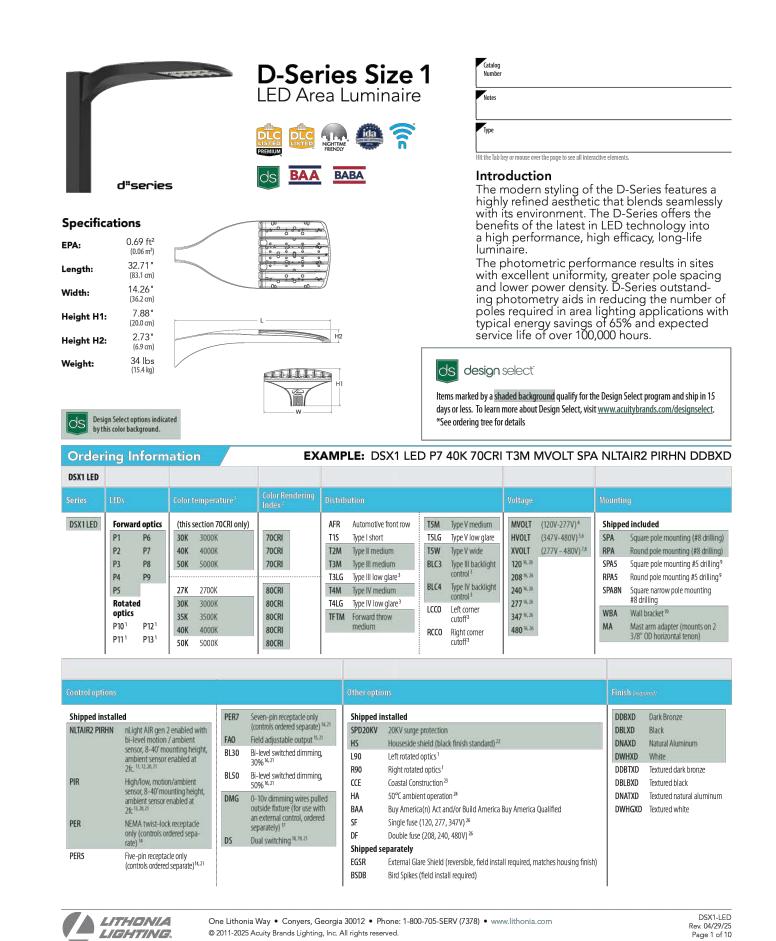


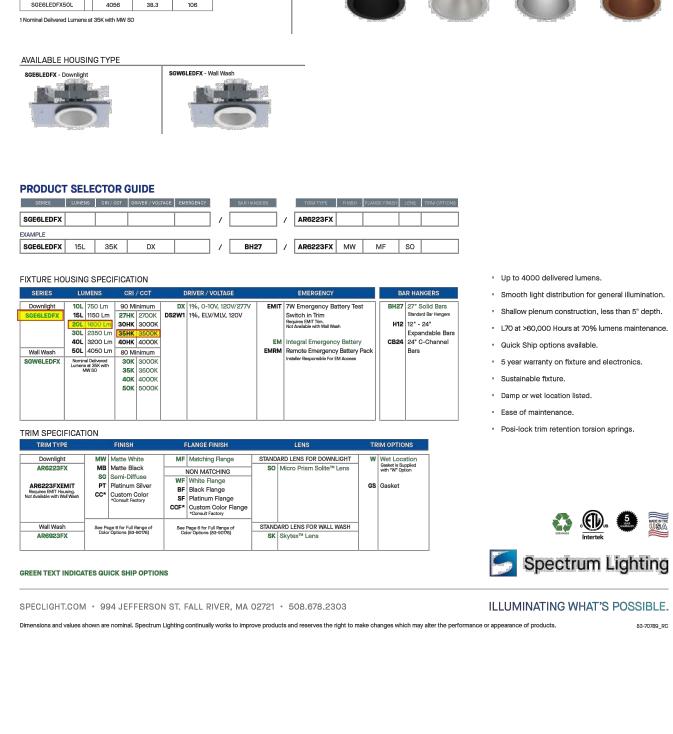
SHEET TITLE:

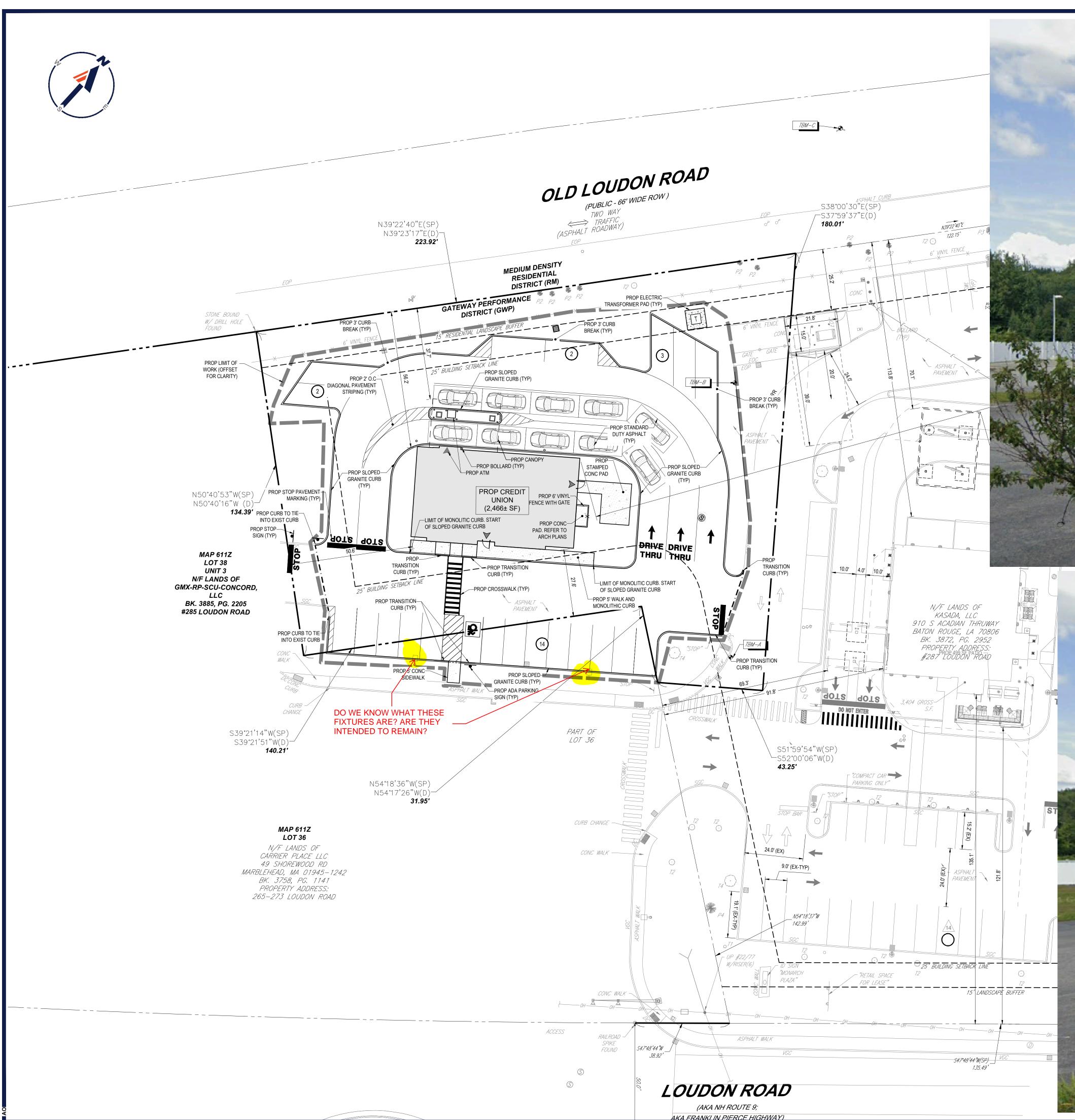
LIGHTING DETAILS

SHEET NUMBER

L-202













SITE CIVIL AND CONSUI LAND SURY PROGRAM MAI LANDSCAPE AR SUSTAINABL PERMITTING 3 TRANSPORTATIC

### REVISIONS

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## **PRELIMINARY**

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DOCUMENT UNLESS INDICATED OTHERWISE.

PROJECT No.: NHA240082.

 DRAWN BY:
 AO

 CHECKED BY:
 KWC

 DATE:
 8/11/2025

 CAD I.D.:
 P-CIVL-PROP

PROP. SITE PLAN



PROPOSED CREDIT UNION

285 LOUDON ROAD CONCORD, NH 03301

MAP#611Z, LOT #38, UNIT #3

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## BOHLER/

50 WASHINGTON ST., SUITE 2000 WESTBOROUGH, MA 01581

Phone: (508) 480-9900

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SHEET TITLE:

SITE PLAN

SHEET NUMBER:

C-302