UNIVERSITY OF WISCONSIN PHYSICAL PLANT SHOPS OFFICE

30 N. MILLS ST. MADISON, WISCONSIN SEPTEMBER, 2009

DRAWING INDEX

SITE IMPROVEMENTS

SHEET NO. TITLE

> C-000 TITLE SHEET EXISTING CONDITIONS SURVEY **DEMOLITION PLAN**

C-102 SITE PLAN GRADING & EROSION CONTROL PLAN C-103

C-104 UTILITY PLAN FIRE ACCESS PLAN C-105

LANDSCAPE PLAN L-100 L-101 LANDSCAPE DETAILS

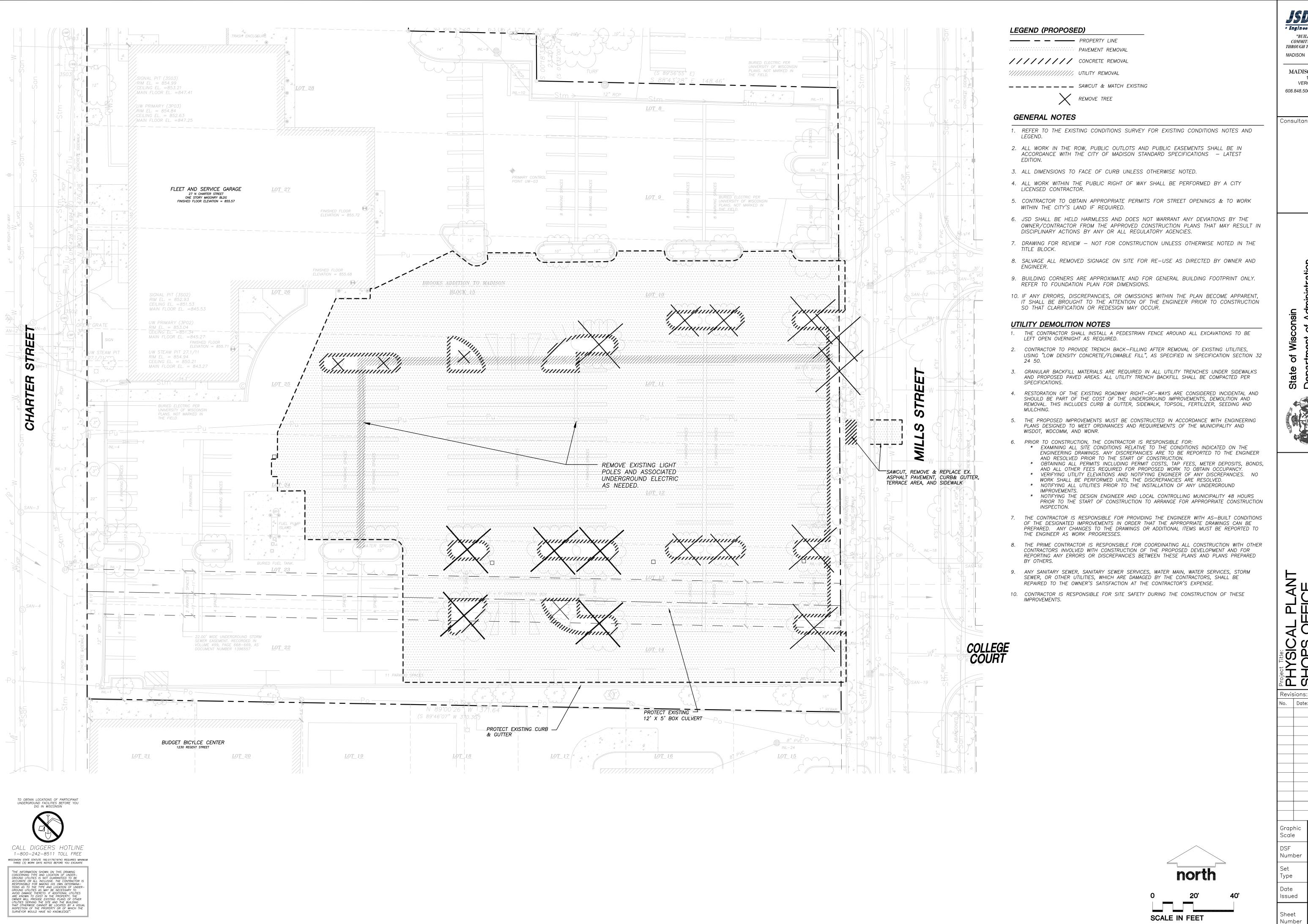






09D2U 09/01/09

C-000



ISO Professional Services, In · Engineers · Surveyors · Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO CLIENT SATISFACTION THROUGH TRUST, QUALITY AND EXPERIENCE MADISON MILWAUKEE KENOSHA -----www.jsdinc.com -----

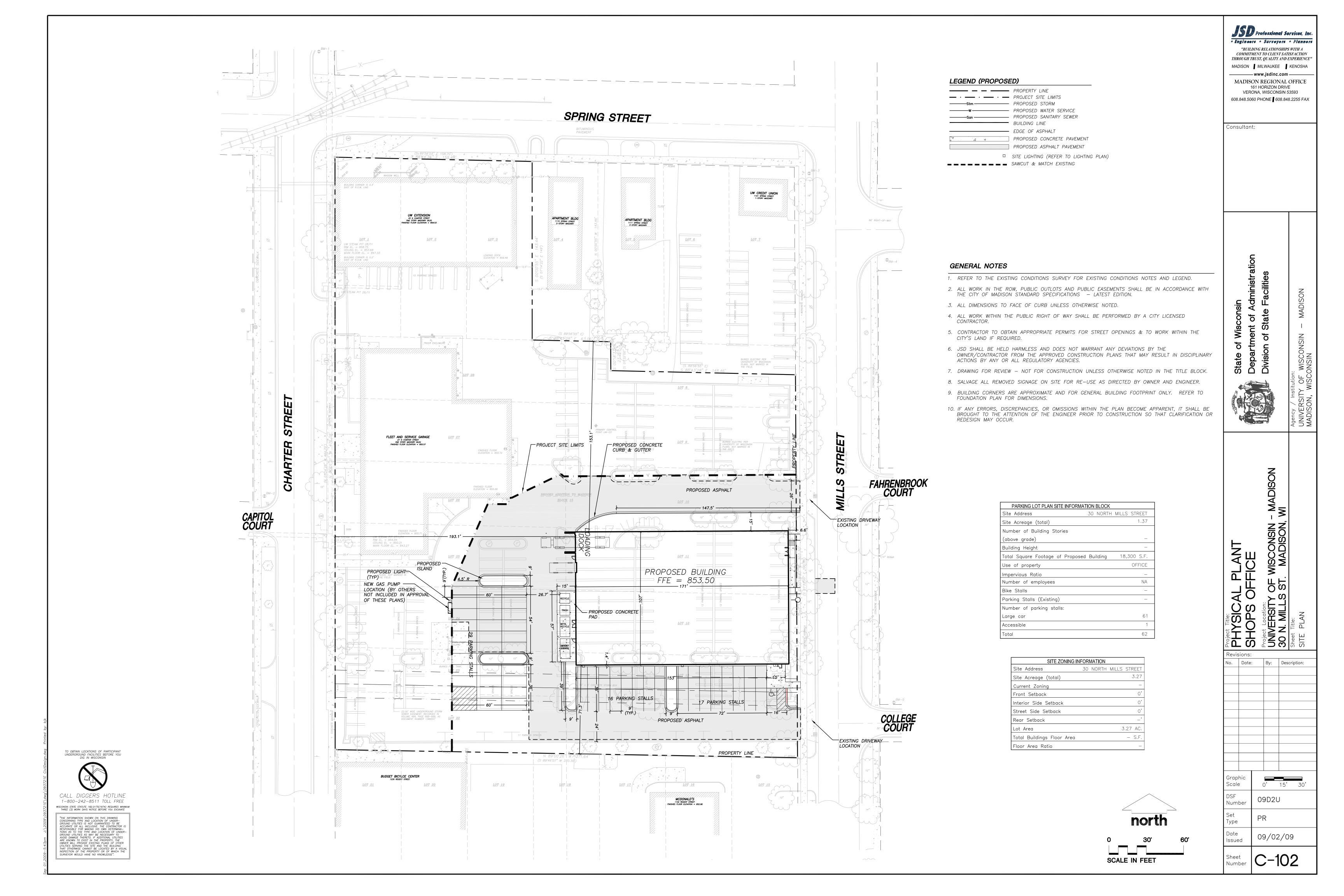
MADISON REGIONAL OFFICE 161 HORIZON DRIVE VERONA, WISCONSIN 53593 608.848.5060 PHONE 608.848.2255 FAX

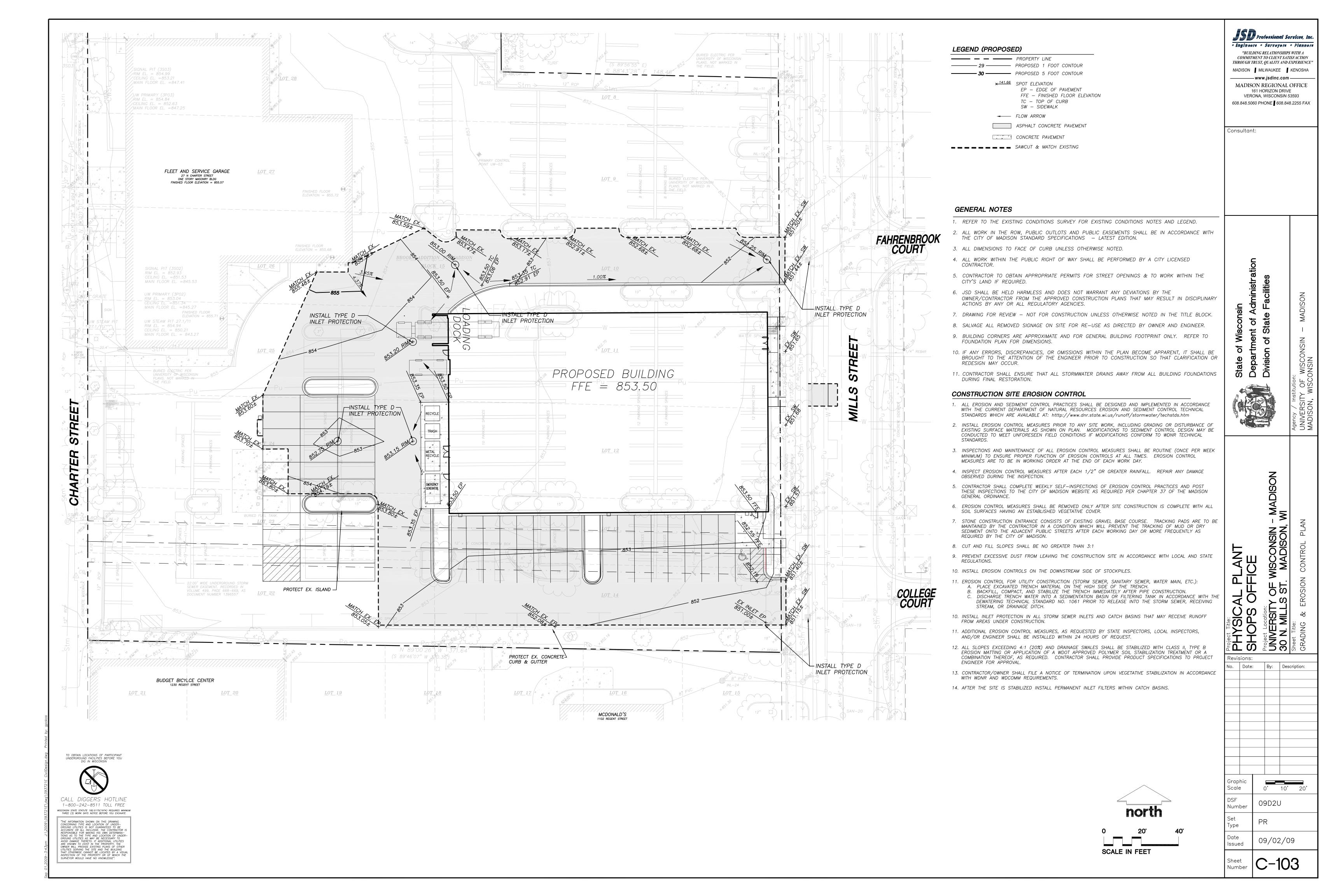
Consultant:

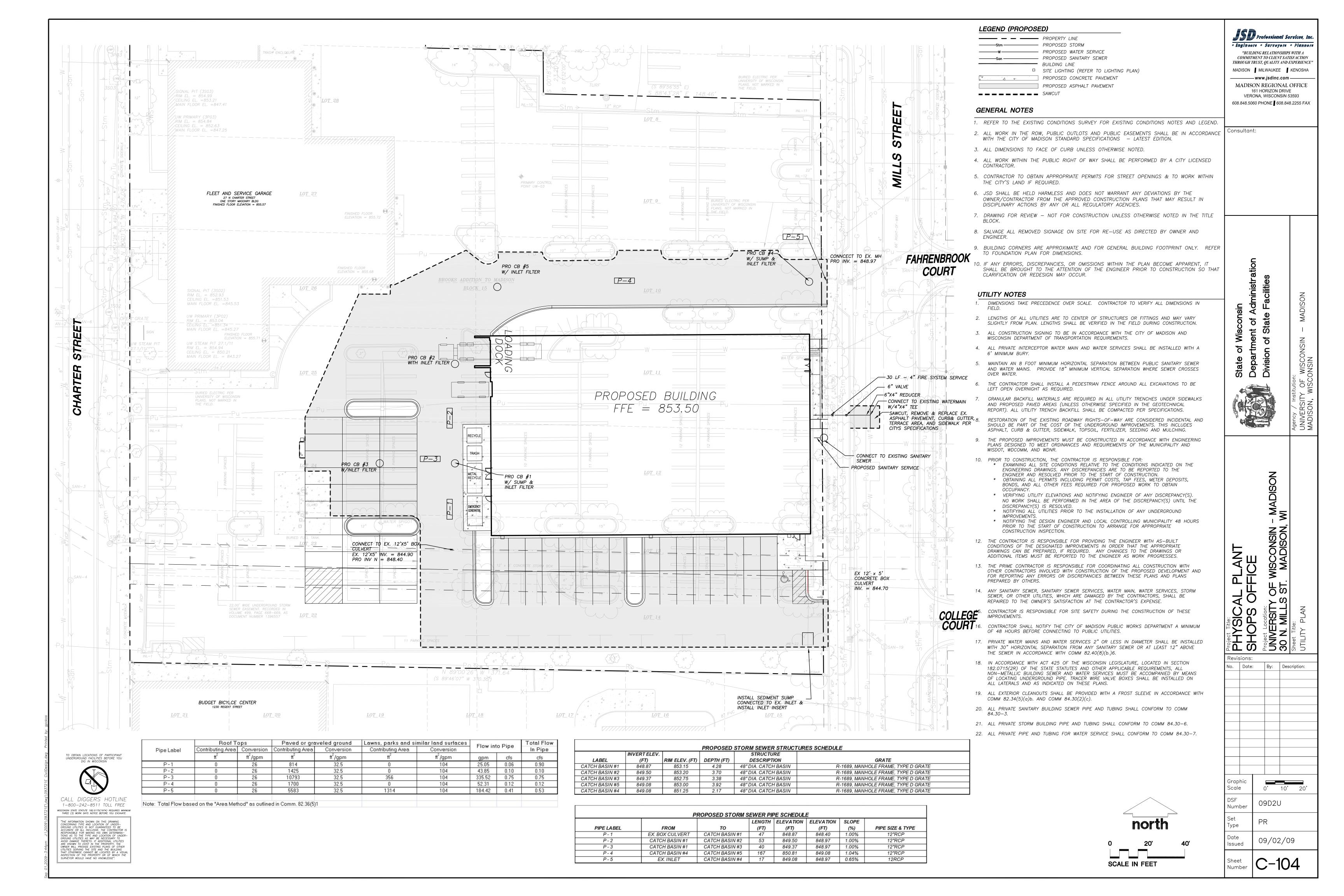
Date: By: Description:

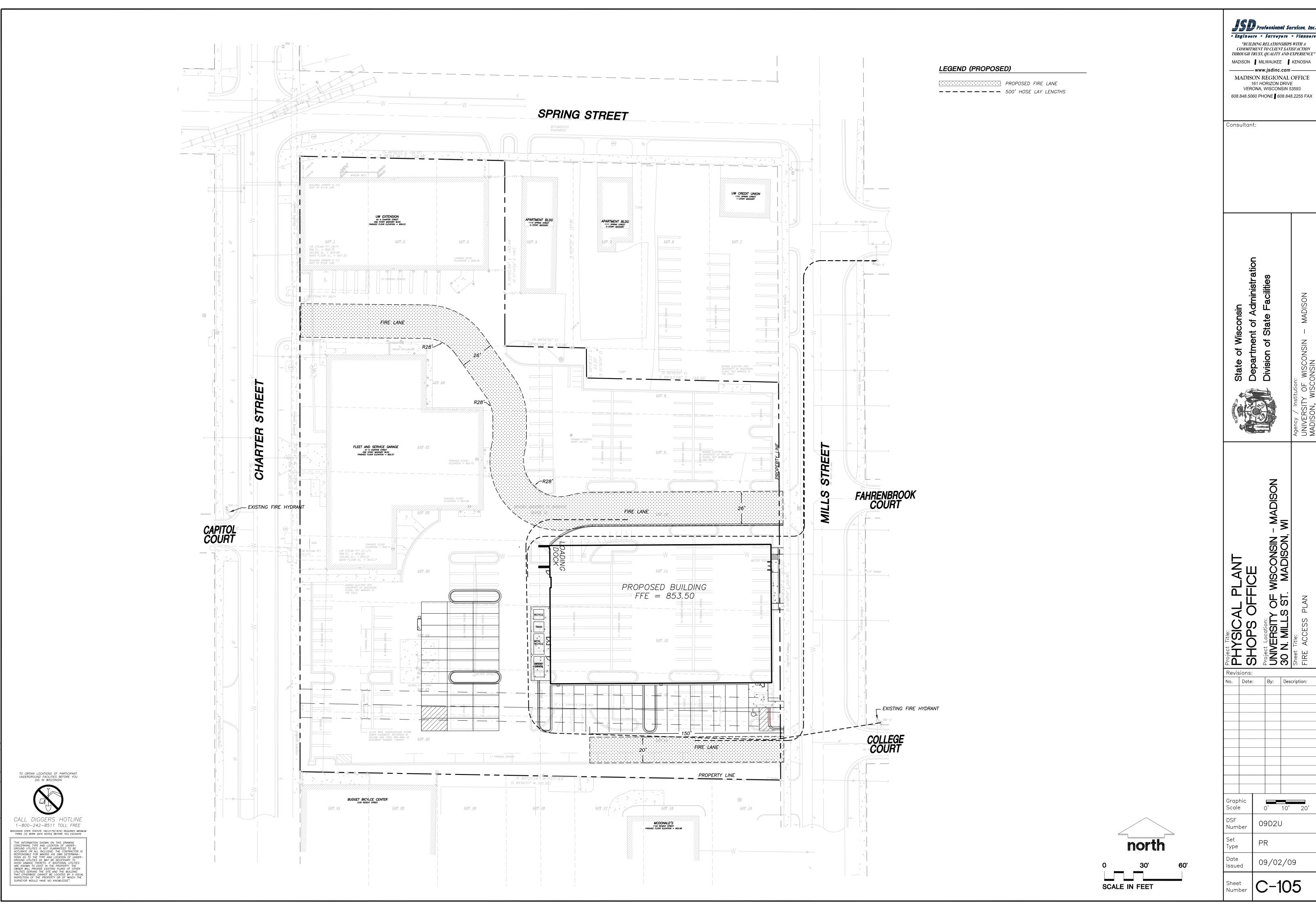
0' 10' 20' 09D2U

09/02/09

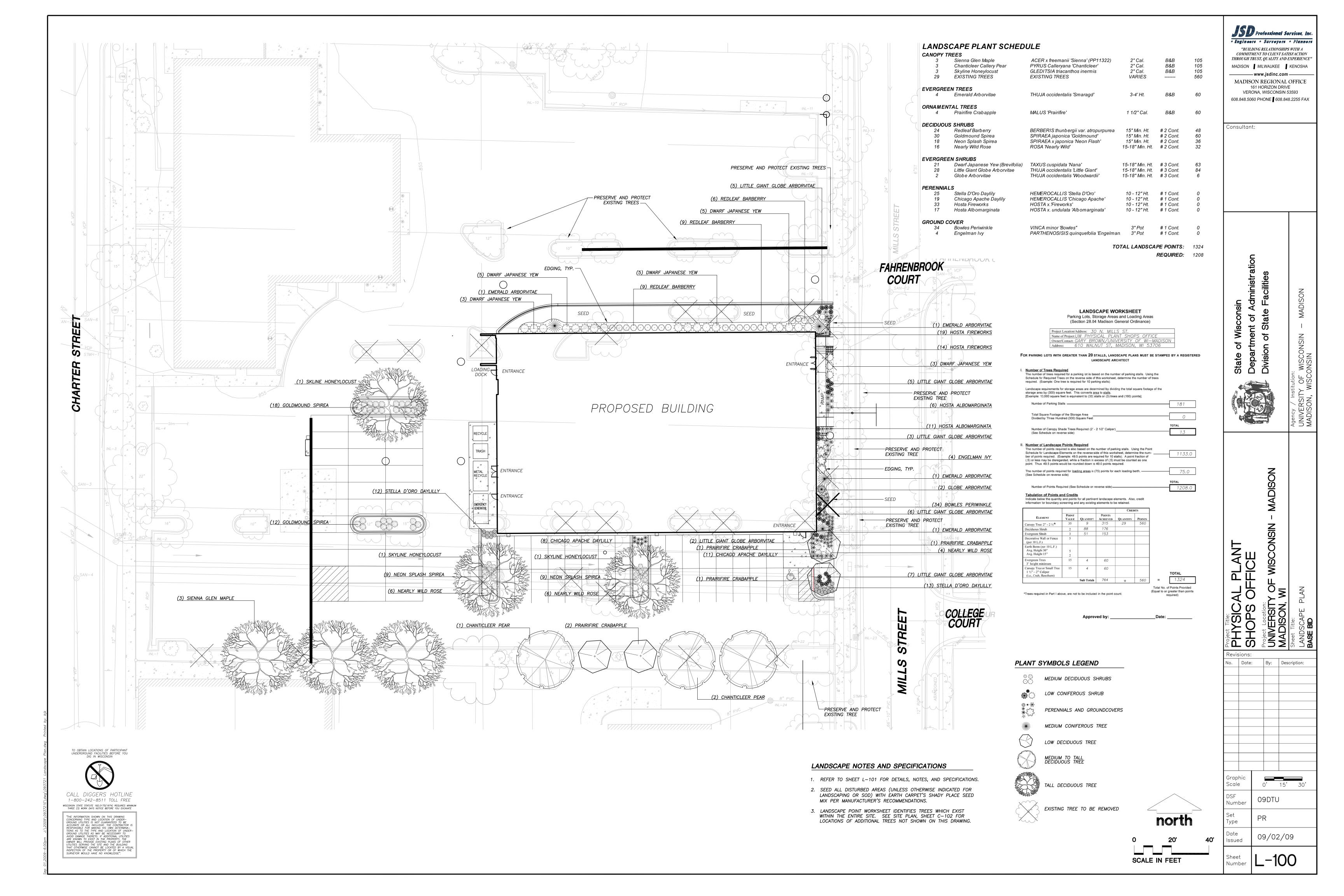


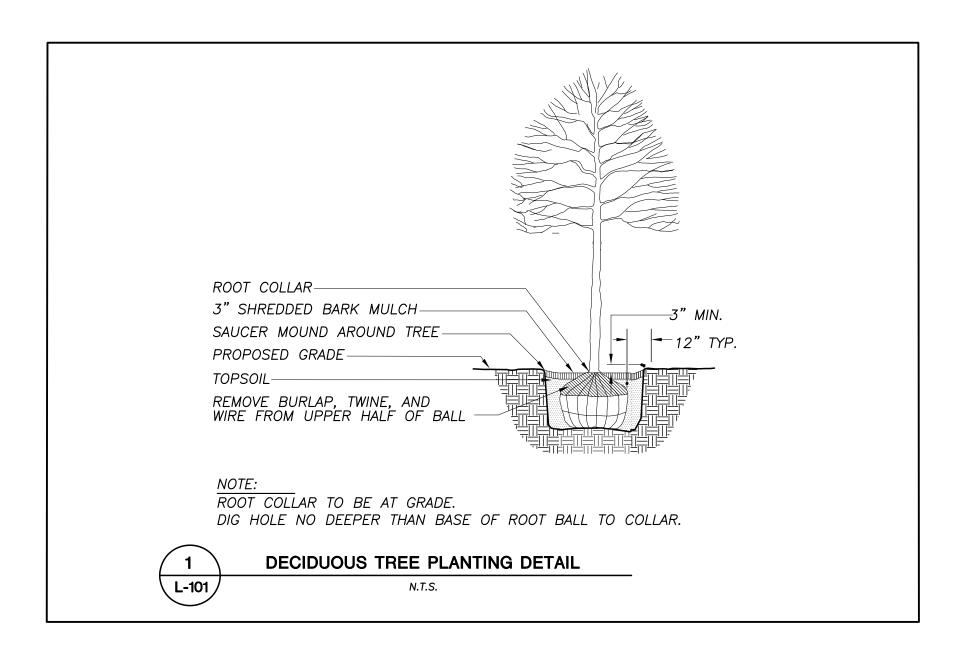


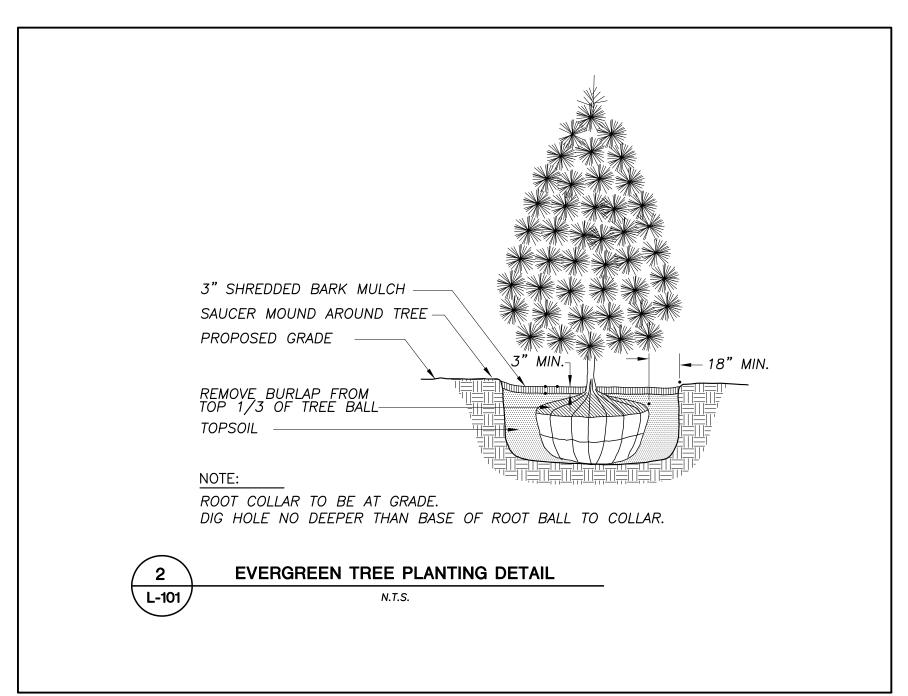


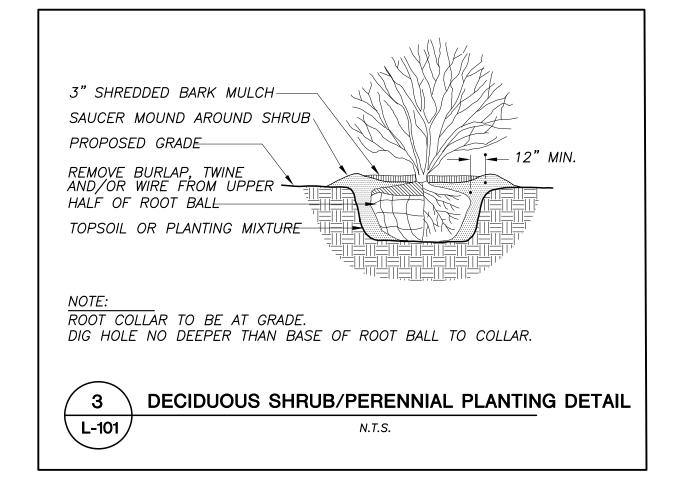


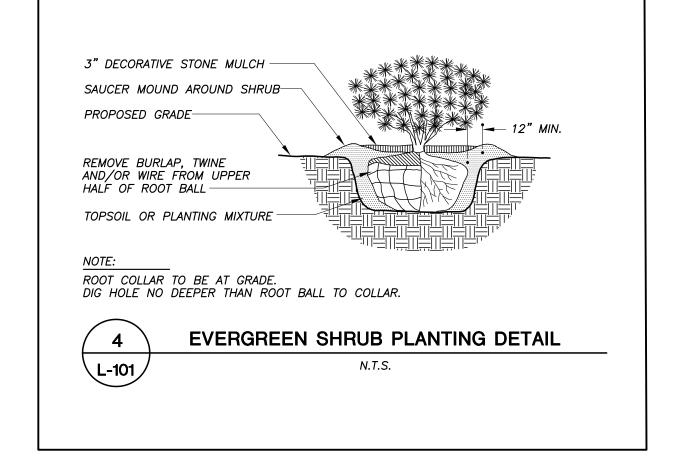
JSD Professional Services, Inc. · Engineers · Surveyors · Planners

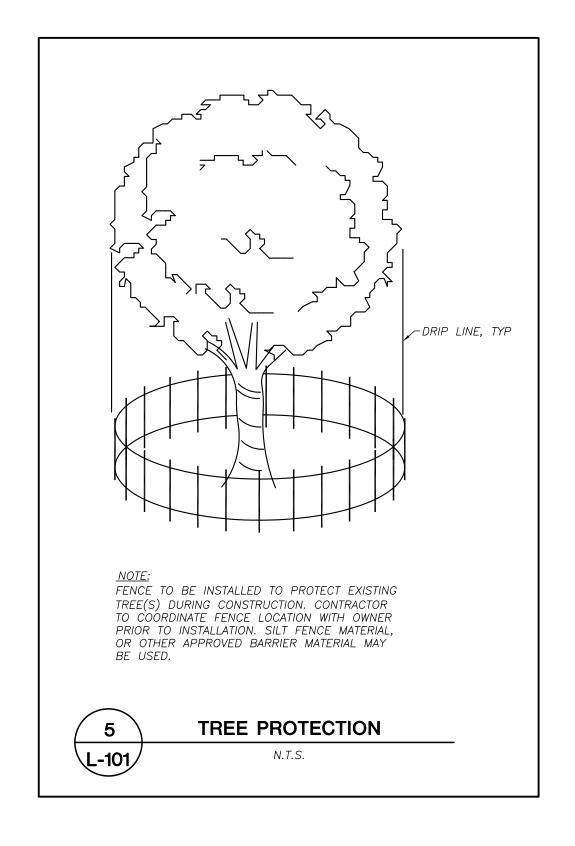












LANDSCAPE NOTES AND SPECIFICATIONS

- 1. GENERAL: ALL WORK IN THE ROW AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH THE CITY OF MADISON REQUIREMENTS. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES. LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO UTILITIES. CONTRACTOR MUST CALL 1-800-382-5544 FOR UTILITY LOCATIONS AT LEAST TWO DAYS PRIOR TO DIGGING. HAND DIG AND INSTALL ALL PLANTS THAT ARE NEAR EXISTING UTILITIES (I.E. NORTHERN SIDE OF PARKING LOT). PROTECT PREVIOUSLY INSTALLED WORK OF OTHER TRADES. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER PRIOR TO DIGGING AND PLACEMENT. THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL FINE GRADING AND RESTORATION WITH THE GRADING CONTRACTOR.
- 2. DELIVERY AND HANDLING: DO NOT DELIVER MORE PLANT MATERIALS THAT CAN BE PLANTED IN ONE DAY. DELIVER PLANTS WITH LEGIBLE IDENTIFICATION LABELS. PROTECT DURING DELIVERY AND DO NOT PRUNE PRIOR TO DELIVERY. ALL TREES AND SHRUBS SHALL BE PLANTED ON THE DAY OF DELIVERY; IF THIS IS NOT POSSIBLE, PROTECT THAT STOCK NOT PLANTED BY STORING SAME IN SHADED AREA WELL PROTECTING THE ROOT MASS WITH WET SOIL, MOSS OR OTHER SUITABLE MEDIA AND KEEPING WELL WATERED. DO NOT REMOVE CONTAINER GROWN STOCK FROM CONTAINERS BEFORE TIME OF PLANTING. DO NOT PICK UP CONTAINER OR BALLED PLANTS BY STEM OR ROOTS. ALL PLANTS SHALL BE LIFTED AND HANDLED FROM THE BOTTOM OF THE BALL; CRACKED, LOOSE OR BROKEN BALLS BEFORE OR DURING PLANTING OPERATION WILL NOT BE ACCEPTED. PERFORM ACTUAL PLANTING ONLY WHEN WEATHER AND SOIL CONDITIONS ARE SUITABLE IN ACCORDANCE WITH LOCALLY ACCEPTED PRACTICES.
- 3. GUARANTEE: THE CONTRACTOR SHALL GUARANTEE ALL PLANTS THROUGH ONE YEAR AFTER ACCEPTANCE BY OWNER. PLANTS SHALL BE ALIVE AND IN GOOD HEALTHY AND FLOURISHING CONDITION AT THE END OF THE GUARANTEE PERIOD. THE CONTRACTOR SHALL REPLACE WITHOUT COST TO THE OWNER ANY PLANTS THAT ARE DEAD OR NOT IN A VIGOROUS THRIVING CONDITION WITH A PLANT OF THE SAME KIND AND SIZE AS ORIGINALLY SPECIFIED UNLESS OTHERWISE DIRECTED. RESTORE BEDS AS NECESSARY FOLLOWING PLANT REPLACEMENT, INCLUDING BUT NOT LIMITED TO BEDDING, EDGING, MULCH, GRASS, ETC. REPAIR DAMAGE TO OTHER PLANTS OR LAWNS DURING PLANT REPLACEMENT AT NO COST TO OWNER. CONTRACTOR SHALL PROVIDE A 2-YEAR STRAIGHTENING GUARANTEE FOR ALL TREES.
- 4. MATERIALS PLANTS: ALL PLANTS SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK. ANSI Z60.1-2004. PLANTS SHALL BE TRUE TO SPECIES AND VARIETY SPECIFIED AND NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT FOR AT LEAST 2 YEARS. THEY SHALL BE FRESHLY DUG (DURING THE MOST RECENT FAVORABLE HARVEST SEASON). PLANTS SHALL BE SO TRAINED IN DEVELOPMENT AND APPEARANCE AS TO BE UNQUESTIONABLY SUPERIOR IN FORM, COMPACTNESS, AND SYMMETRY. THEY SHALL BE SOUND, HEALTHY, VIGOROUS, WELL BRANCHED AND DENSELY FOLIATED WHEN IN LEAF, AND FREE OF DISEASE AND INSECT ADULT EGGS, PUPAE OR LARVAE. THEY SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS AND SHALL BE FREE FROM PHYSICAL DAMAGE OR OTHER CONDITIONS THAT WOULD PREVENT THRIVING GROWTH. PLANT MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 4.1 MATERIALS OF THE WISCONSIN DNR TREE PURCHASE AND PLANTING SPECIFICATIONS. PLANTS SHALL BE OF THE HIGHEST QUALITY, HAVE TYPICAL GROWTH HABITS FOR THEIR SPECIES, BE SOUND, HEALTHY, VIGOROUS
- 5. MATERIALS SOIL: PLANTING SOIL/COMPACTED TOPSOIL SHALL MEET THESE REQUIREMENTS: 1. SEEDED AREAS = 6"
- 2. SHRUBS BEDS = 18" 3. TREE RINGS AND PITS = SEE DETAILS

- PLANTING SOIL TO BE A MINIMUM 6" DEPTH, UNLESS OTHERWISE SPECIFIED AS ABOVE OR ON DETAILS. TOPSOIL TO BE CLEAN, FRIABLE LOAM FROM LOCAL SOURCE, FREE FROM STONES OR DEBRIS OVER 3/4" IN DIAMETER, AND FREE FROM TOXINS. TOPSOIL SHALL HAVE A PH BETWEEN 6 AND 7. TOPSOIL AND PLANTING SOIL SHALL BE TESTED TO CONFORM TO THESE SPECIFICATIONS AND SHALL BE AMENDED TO MEET THESE SPECIFICATIONS. DO NOT PLACE FROZEN OR MUDDY TOPSOIL. APPLY SOIL AMENDMENTS TO ALL LANDSCAPE BEDS PER SOIL TEST. FOR AREAS RECEIVING SOD, CONTRACTOR SHALL FOLLOW MANUFACTURER'S RECOMMENDATIONS'S FOR APPROPRIATE SOIL MODIFICATIONS FOR SOD PLACEMENT.
- 6. MATERIALS FERTILIZER AND MULCH: ALL PLANT BEDS, TREE RINGS, AND PLANTED PARKING ISLANDS SHALL RECEIVE 3" OF MUSHROOM COMPOST, TILLED INTO THE TOP 12" OF ALL PLANTING BEDS. ALL PLANTING BEDS, TREE RINGS, AND PLANTED PARKING ISLANDS SHALL RECEIVE 3" DEPTH, FINELY SHREDDED, WEED FREE, CEDAR BARK MULCH (DYE-FREE) OVER ENTIRE BED, UNLESS OTHERWISE SPECIFIED ON PLANS. FERTILIZER SHALL BE IN ACCORDANCE WITH DANE COUNTY AND STATE OF WISCONSIN REQUIREMENTS.
- 7. MATERIALS SEED: ALL LAWN SEED SHALL BE EARTH CARPET'S 'SPARTAN GRADE A', INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. IN ADDITION TO LAWN SEED, ANNUAL RYE SHALL BE APPLIED TO ALL DISTURBED AREAS AT A RATE OF 1 1/2 LBS PER 1000 SQUARE FEET. FERTILIZE AND MULCH PER MANUFACTURER'S RECOMMENDATIONS. ALL PRAIRIE SEED SHALL BE JFNEW'S SLOPE STABALIZATIONS SEED MIX INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. REFER TO JFNEW'S NATIVE SEED INSTALLATION GUIDE AVAILABLE ON THEIR WEBSITE.
- 8. MATERIALS TURFGRASS SOD: CLASS OF TURFGRASS SOD SHALL BE PREMIUM GRADE APPROVED TURFGRASS SOD. ONLY IMPROVED TYPES OF SOD (ELITE) ARE ACCEPTABLE. TURFGRASS SHALL BE MACHINE CUT AT A UNIFORM SOIL THICKNESS OF .60 INCH, PLUS OR MINUS .25 INCH, AT THE TIME OF CUTTING. MEASUREMENT FOR THICKNESS SHALL EXCLUDE TOP GROWTH AND THATCH. LARGE-ROLL TURFGRASS SOD SHALL BE CUT TO THE SUPPLIER'S STANDARD WIDTH (36-48 INCHES) AND LENGTH. BROKEN PADS AND TORN OR UNEVEN ENDS WILL NOT BE ACCEPTABLE. STANDARD SIZE SECTIONS OF TURFGRASS SOD SHALL BE STRONG ENOUGH THAT IT CAN BE PICKED UP AND HANDLED WITHOUT DAMAGE. TURFGRASS SOD SHALL NOT BE HARVESTED OR TRANSPLANTED WHEN ITS MOISTURE CONTENT (EXCESSIVELY DRY OR WET) MAY ADVERSELY AFFECT ITS SURVIVAL. POST-PLANT IRRIGATION WILL BE NECESSARY TO ENSURE SOD STAYS ALIVE AND ROOTS INTO THE SOIL. THE CONTRACTOR IS RESPONSIBLE FOR WATERING SOD UNTIL TIME OF ACCEPTANCE BY THE OWNER. THE SOD SHALL BE MOWED UNIFORMLY PRIOR TO HARVEST AT A HEIGHT BETWEEN 1" AND 2" AND IN A MANNER SO AS NOT TO REMOVE MORE THAN 1/3 OF THE VERDURE HEIGHT. TURFGRASS SOD SHALL BE HARVESTED, DELIVERED, AND INSTALLED/TRANSPLANTED WITHIN A PERIOD OF 24 HOURS. TURFGRASS SOD SHALL BE RELATIVELY FREE OF THATCH, UP TO .5 INCH ALLOWABLE (UNCOMPRESSED). TURFGRASS SOD SHALL BE REASONABLY FREE (, 10 WEEDS/100 SQ.. FT.) OF DISEASES, NEMATODES AND SOIL-BORNE INSECTS. ALL TÜRFGRASS SOD SHALL BE FREE OF GRASSY AND BROAD LEAF WEEDS. IN-GROUND IRRIGATION SHOULD BE INSTALLED AND FUNCTIONAL BEFORE SOD IS INSTALLED. THE SOD SUPPLIER SHALL MAKE RECOMMENDATIONS TO THE IRRIGATION CONTRACTOR REGARDING THE WATERING SCHEDULE. THE WATERING SCHEDULE SHOULD BEGIN IMMEDIATELY AFTER SOD IS INSTALLED.
- 9. MOWING MOW AS NECESSARY TO KEEP TURF AT A 2 $\frac{1}{2}$ " 3" HEIGHT WITHOUT REMOVING MORE THAN $\frac{1}{3}$ OF THE LEAF HEIGHT AT ANY ONE MOWING.
- 10. MATERIALS EDGING: ALL EDGING SHALL BE BLACK DIAMOND POLYETHYLENE EDGING (OR EQUIVALENT) INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. ALL TREES NOT WITHIN PLANT BEDS OR ISLANDS SHALL BE INSTALLED WITH A SHOVEL EDGING BORDER,
- 11. PLANTING OPERATIONS: PLANTING OPERATIONS SHALL BE IN ACCORDANCE WITH SECTION 11 OF THE WISCONSIN DNR TREE PURCHASE AND PLANTING SPECIFICATIONS. PRE-EMERGENT HERBICIDE SHALL BE APPLIED TO ALL LANDSCAPE BEDS. WHEN INSTALLING PLANTS AROUND TREES, DO NOT INSTALL PLANTS ANY CLOSER THAN 2' FROM THE CENTER OF THE TREE. PRE-EMERGENT HERBICIDE TO BE APPLIED TO ALL LANDSCAPE BEDS IN SPRING IF LANDSCAPING IS INSTALLED IN SPRING.
- 12. PLANTING OPERATIONS: TURFGRASS SOD: ALL PREVIOUSLY ESTABLISHED GRADES SHALL BE MAINTAINED IN CONFORMANCE WITH THE DRAWINGS AND/OR APPLICABLE SPECIFICATIONS. TURFGRASS SOD SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND IN ACCORDANCE WITH SECTION 631 SODDING (WITH THE EXCEPTION OF 631.4, AND 631.5)
- 13. PRUNING: THE CONTRACTOR SHALL PRUNE ALL TREES AND REPAIR ANY INJURIES THAT OCCURRED DURING THE PLANTING PROCESS. DOUBLE LEADERS, DEAD BRANCHES. AND LIMBS DAMAGED OR BROKEN DURING THE PLANTING PROCESS SHALL BE PRUNED. THIS SHALL BE THE ONLY PRUNING ALLOWED AT PLANTING. PRUNING SHALL CONFORM TO AMERICAN STANDARD FOR TREE CARE OPERATIONS, ANSI A300. PRUNE TREES IN ACCORDANCE WITH NAA GUIDELINES. DO NOT TOP TREES. PRUNE SHRUBS ACCORDING TO STANDARD HORTICULTURAL PRACTICES. ON CUTS OVER 3/4" IN DIAMETER AND BRUISES OR SCARS ON BARK, TRACE THE INJURED CAMBIUM LAYER BACK TO LIVING TISSUE AND REMOVE. SMOOTH AND SHAPE WOUNDS SO AS NOT TO RETAIN WATER AND COAT THE TREATED AREA WITH AN APPROVED ANTISEPTIC TREE PAINT.
- 14. CLEANUP: DISPOSED OF EXCESS SOIL. REMOVE ALL CUTTINGS AND WASTE MATERIALS. SOIL, BRANCHES, BINDING AND WRAPPING MATERIALS, REJECTED PLANTS, OR OTHER DEBRIS RESULTING FROM ANY PLANTING SHALL BE PROMPTLY CLEANED UP AND REMOVED. THE WORK AREA SHALL BE KEPT SAFE AND NEAT AT ALL TIMES UNTIL THE CLEANUP OPERATION IS COMPLETED. UNDER NO CONDITION SHALL THE ACCUMULATION OF SOIL, BRANCHES OR OTHER DEBRIS BE ALLOWED UPON A PUBLIC PROPERTY IN SUCH A MANNER AS TO RESULT IN A PUBLIC HAZARD. LIKEWISE, UNDER NO CIRCUMSTANCES SHALL ANY DEBRIS OR INCIDENTAL MATERIALS BE ALLOWED UPON ADJACENT PRIVATE PROPERTY.
- 15. MAINTENANCE: THE CONTRACTOR SHALL MAINTAIN PLANTINGS FOR AT LEAST A PERIOD OF 30 DAYS, OR UNTIL FIRMLY ROOTED. THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY WATERING PLANTS DURING THE FIRST WATERING SEASON. WATERING SHALL BE ONCE EVERY WEEK DURING THE FIRST 30 DAYS. DEPENDING ON RAINFALL. ADDITIONAL WATERING SHALL OCCUR AS NECESSARY DURING PERIODS OF DROUGHT TO MAINTAIN HEALTHY VIGOROUS GROWTH. CONTRACTOR IS ALSO RESPONSIBLE FOR ANY PRUNING, AND/OR SHAPING AND/OR REPLACEMENT OF DEFICIENT BARK MULCH. LONG TERM MAINTENANCE IS THE RESPONSIBILITY OF THE OWNER.

LANDSCAPE NOTES AND SPECIFICATIONS

- 1. CONTRACTOR IS RESPONSIBLE FOR STAKING THE PLANT MATERIALS FOR REVIEW BY OWNER PRIOR TO DIGGING AND PLACEMENT.
- 2. REFER TO THE EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND.
- 3. REFER TO CIVIL DRAWINGS FOR GRADING AND EROSION CONTROL PLANS AND PROPOSED UTILITIES.
- 4. JSD SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER/CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY ANY OR ALL REGULATORY AGENCIES.
- 5. THE LANDSCAPE CONTRACTOR SHALL COORDINATE ALL FINE GRADING AND TOPSOILING WITH GENERAL CONTRACTOR.

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO CLIENT SATISFACTION THROUGH TRUST, QUALITY AND EXPERIENCE MADISON | MILWAUKEE | KENOSHA

MADISON REGIONAL OFFICE 161 HORIZON DRIVE VERONA, WISCONSIN 53593 608.848.5060 PHONE 608.848.2255 FAX

——— www.jsdinc.com ——

Consultant:



MILWAUKEE REGIONAL OFFICE N22 W22931 NANCY'S COURT SUITE 3 WAUKESHA, WISCONSIN 53186 262.513.0666 PHONE 262.513.1232 FAX MADISON | MILWAUKEE | KENOSHA



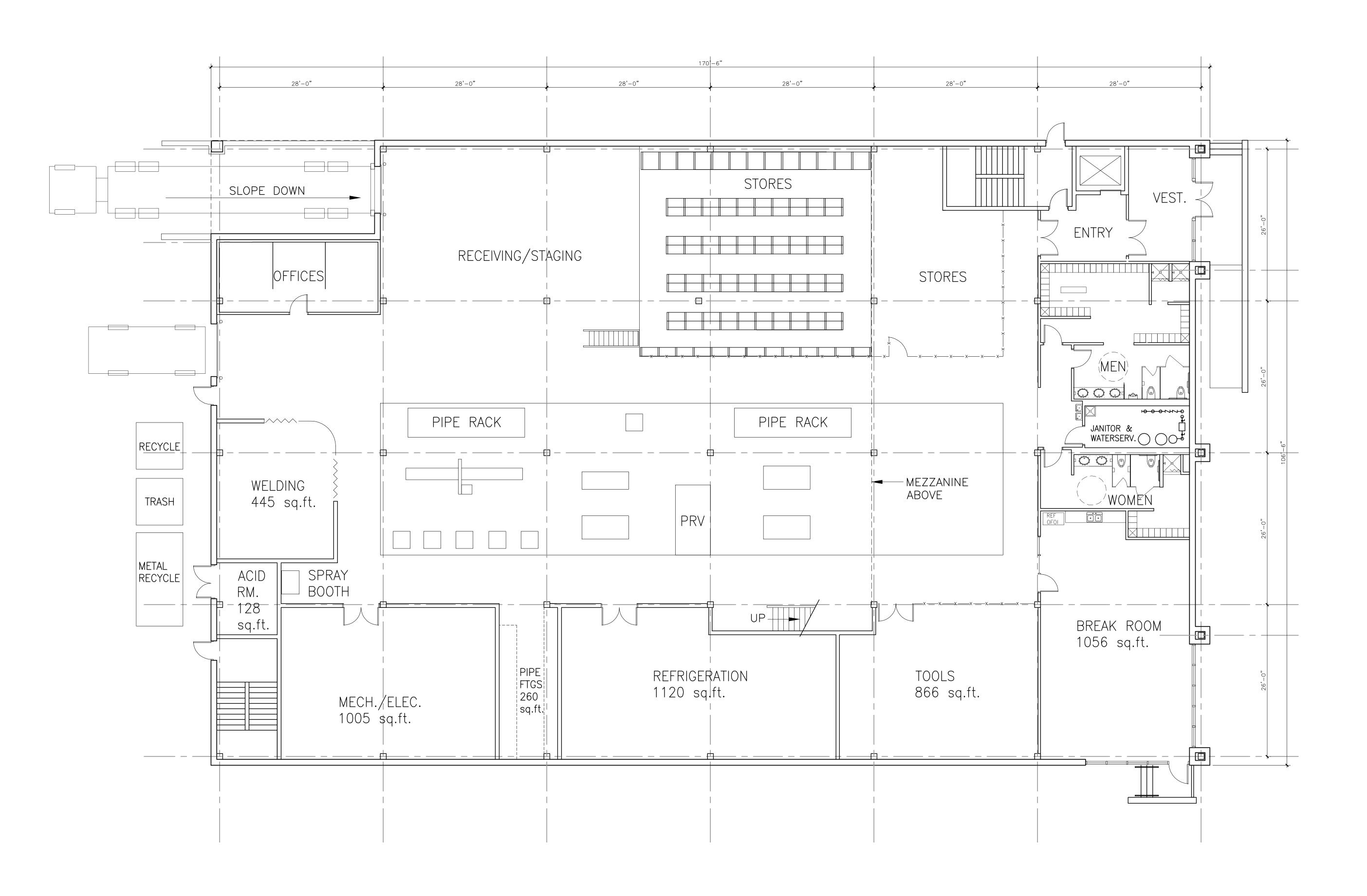
Revisions lo. Date: By: Description: Graphic Scale 15′ 09DTU Number Type Date 09/02/09

Issued

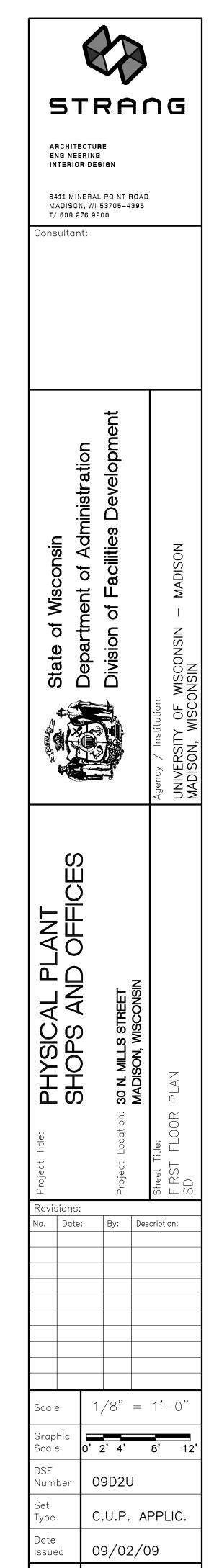
Sheet

"THE INFORMATION SHOWN ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND UTILITIES IS NOT GUARANTED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATIONS AS TO THE TYPE AND LOCATION OF UNDERGROUND UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THEREOT. IF ADDITIONAL UTILITIES ARE KNOWN TO EXIST IN THE PROPERTY, THE OWNER WILL PROVIDE EXISTING PLANS OF OTHER UTILITIES SERVING THE SITE AND THE BUILDING THAT OTHERWISE CANNOT BE LOCATED BY A VISUAL INSPECTION OF THE PROPERTY OR OF WHICH THE SURVEYOR WOULD HAVE NO KNOWLEDGE". SURVEYOR WOULD HAVE NO KNOWLEDGE

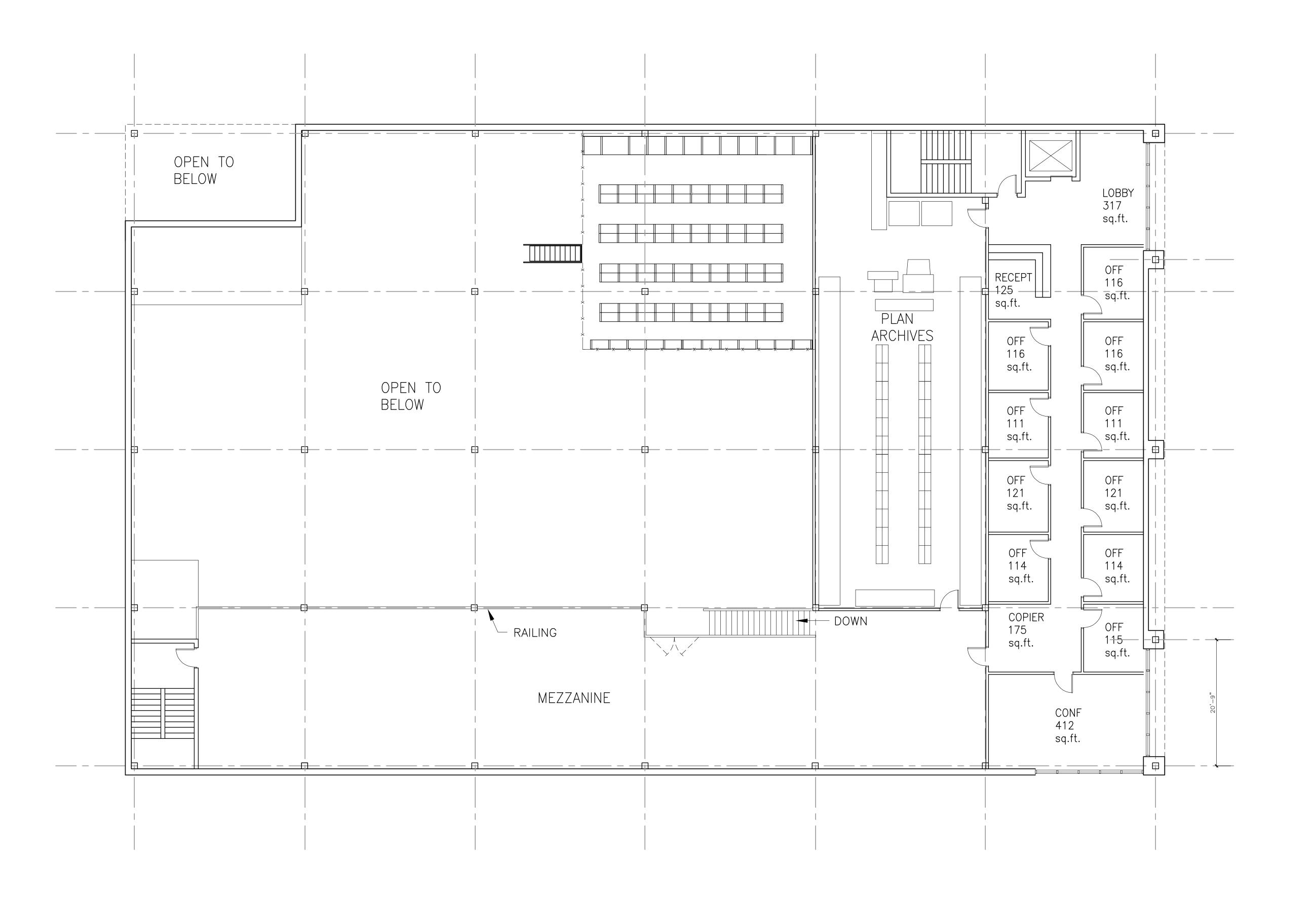
CALL DIGGERS HOTLINE 1-800-242-8511 TOLL FREE



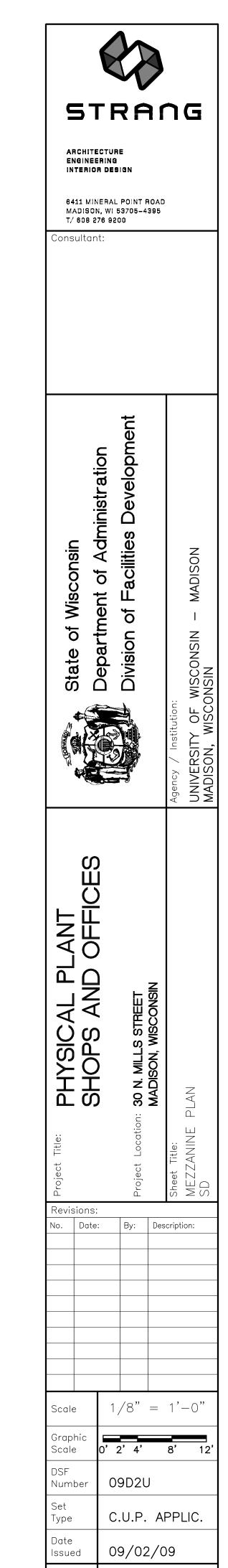




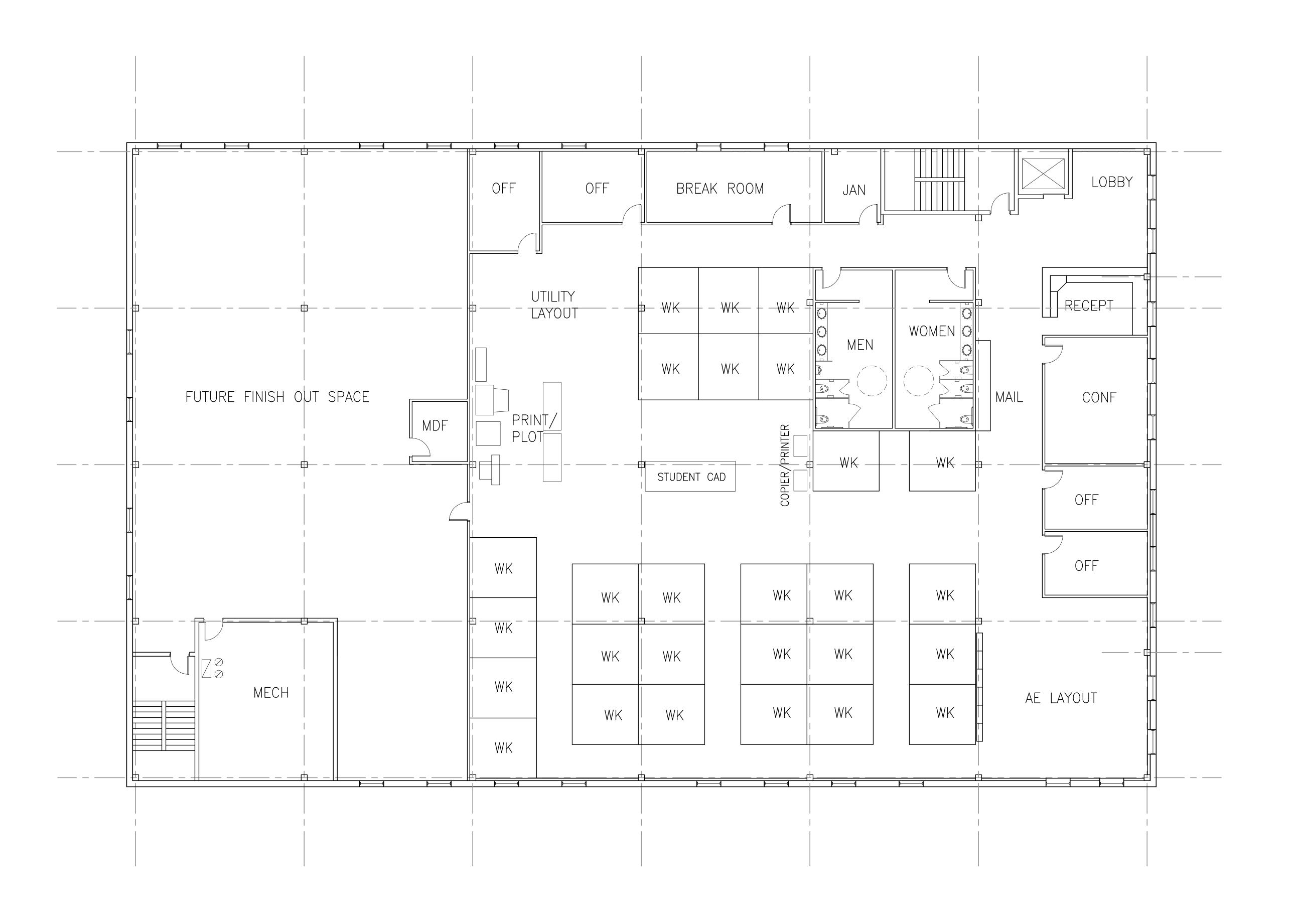
A201







A202







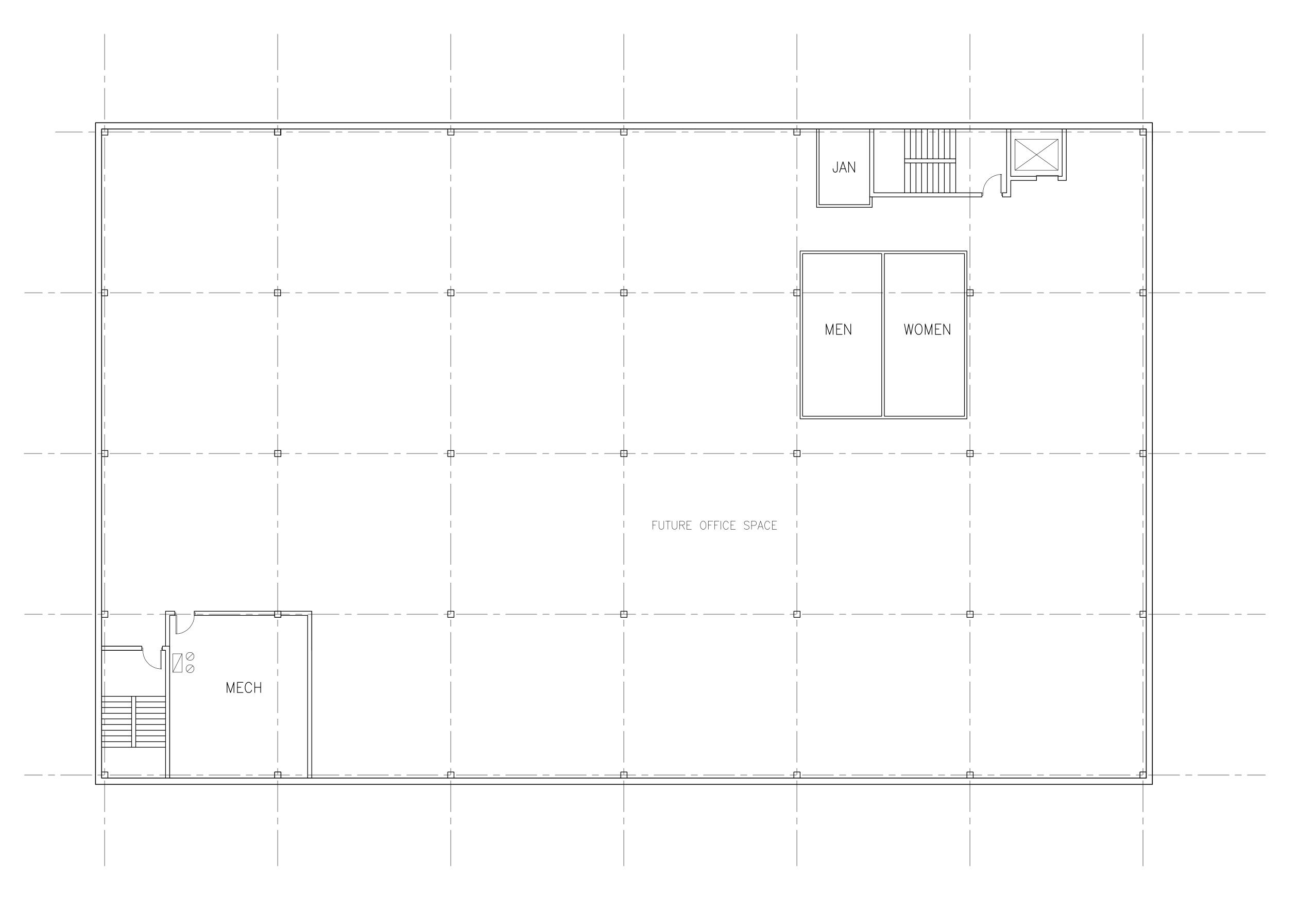
0' 2' 4' 8' 12'

STRANG

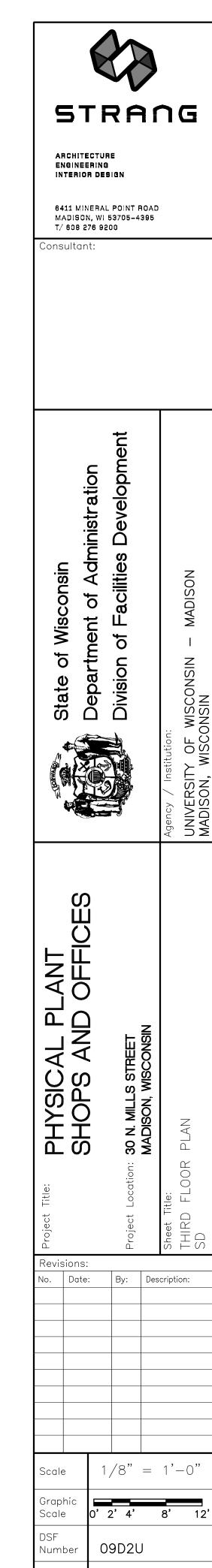
ARCHITECTURE ENGINEERING INTERIOR DESIGN

Consultant:

6411 MINERAL POINT ROAD MADISON, WI 53705-4395 T/ 608 276 9200





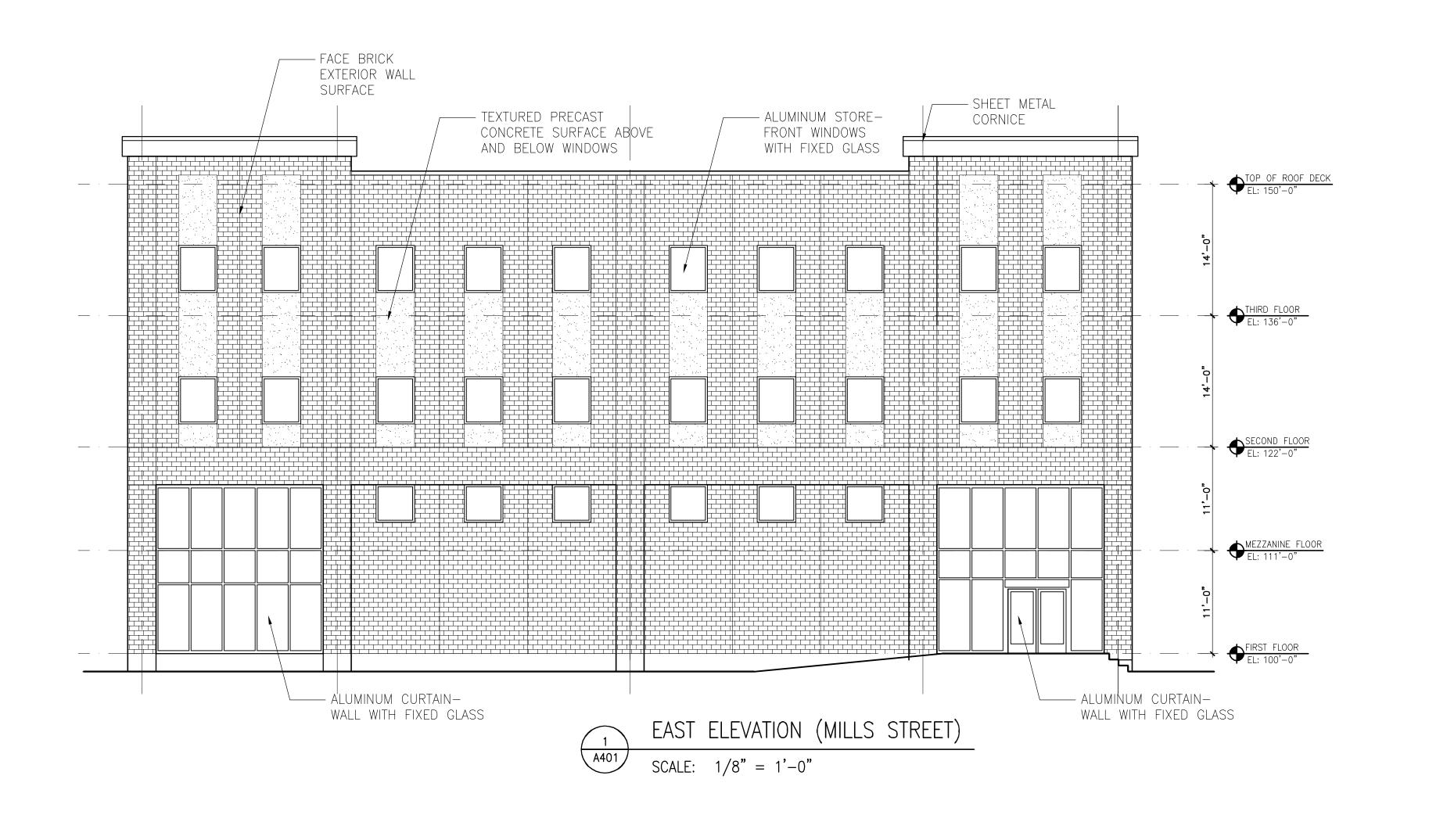


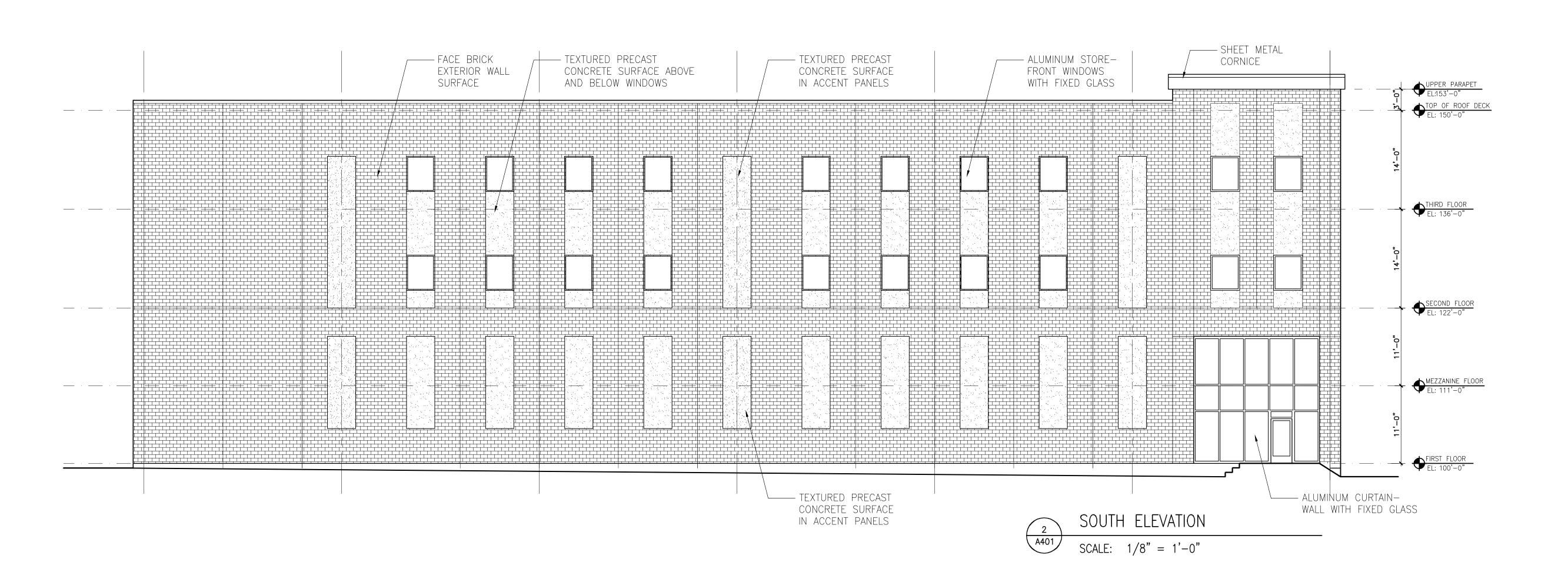
C.U.P. APPLIC.

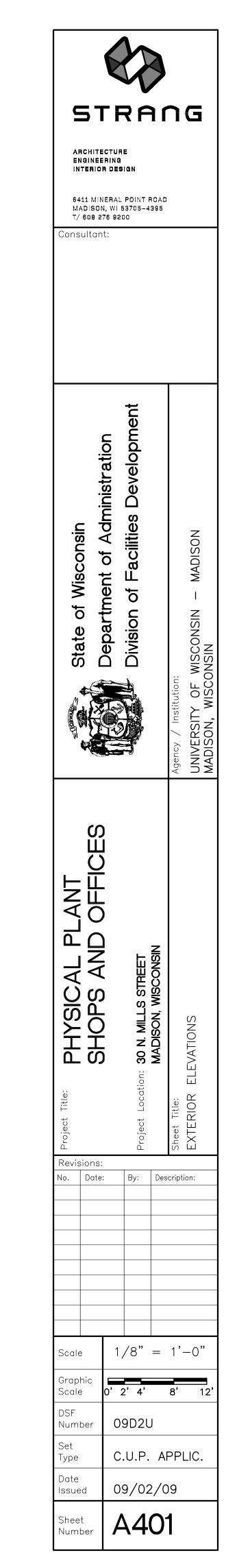
09/02/09

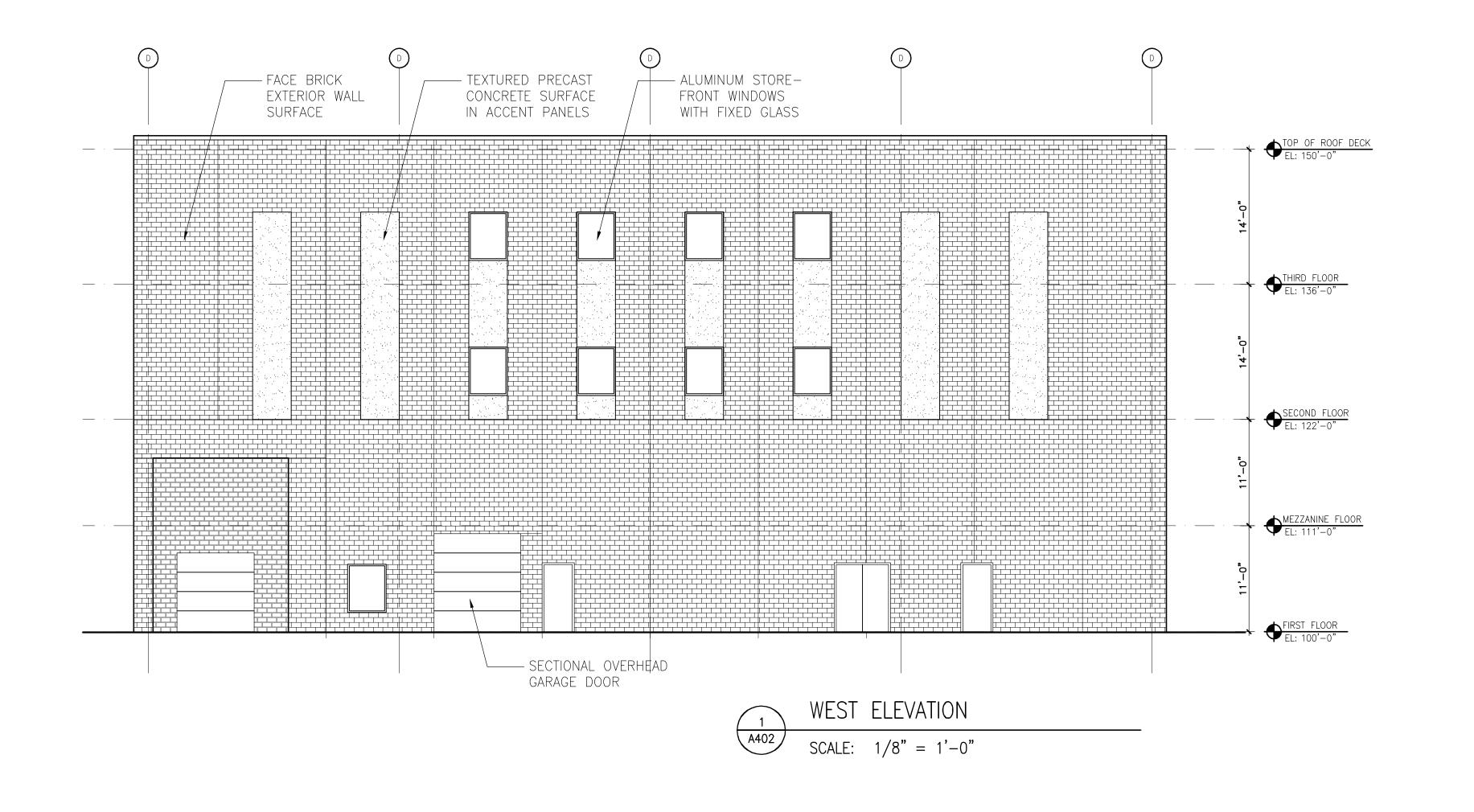
A204

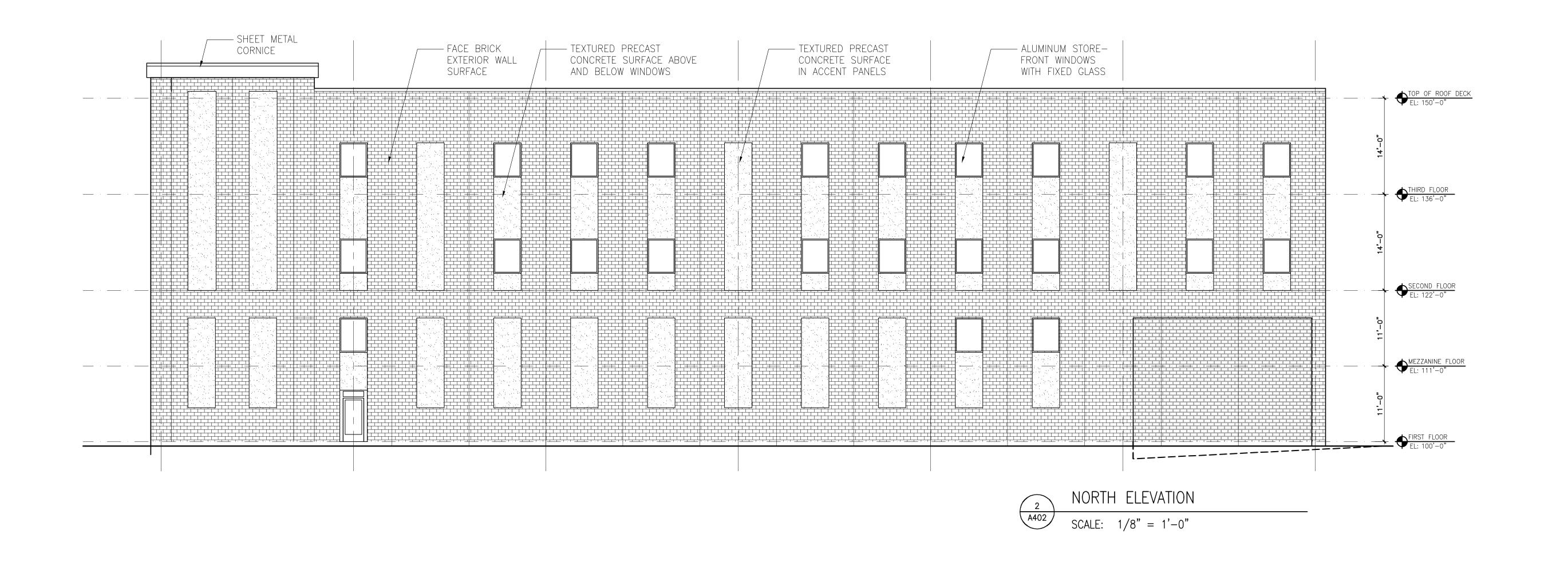
0' 2' 4' 8' 12'

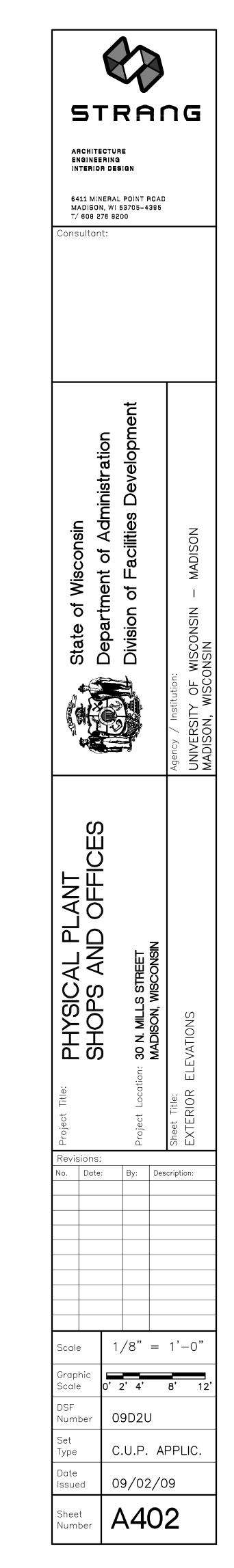
















UW MADISON PHYSICAL PLANT SHOPS & OFFICES