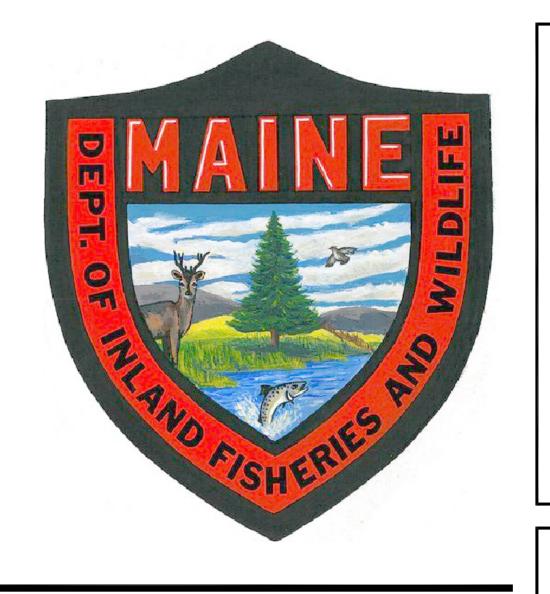
MAINE DEPARTMENT OF INLAND FISHERIES & WILDLIFE FRYEBURG SHOOTING RANGE

58 FISH & GAME ROAD FRYEBURG, ME 04037

BGS PROJECT #2742



2016-114.FSR

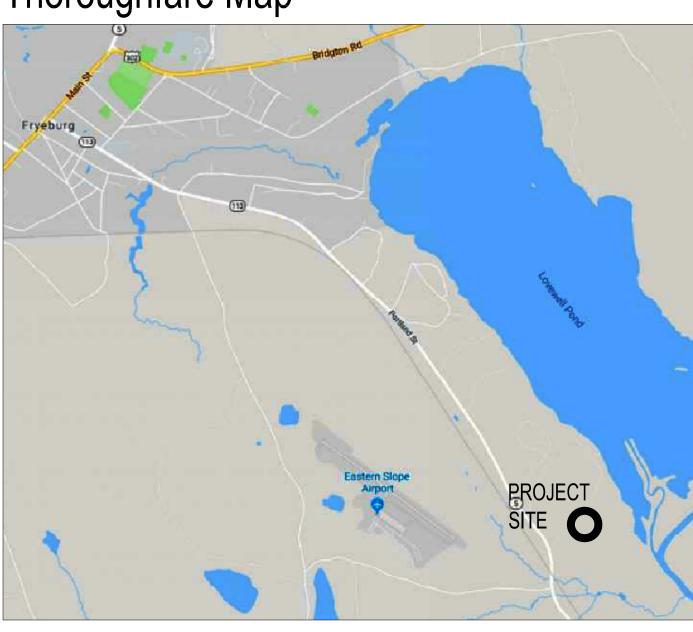
General Notes

- 1. Nothing set forth in these Drawings shall release any Contractor from responsibility to provide appropriate quantities, field measurements, dimensional stability, installation, anchorage and coordination with other trades, or waive the Contractor's responsibility to identify and resolve deviations from the requirements of the Contract Documents, or waive the Contractor's responsibility to alert the Architect to errors or omissions contained therein.
- Each Contractor shall verify in the field all existing applicable conditions and dimensions shown on the Drawings and as pertinent to the intent of these Drawings
- Any discrepancy discovered shall be brought to the attention of the Architect prior to the commencement of any Work affected by, or related to, such discrepancy. Each Contractor shall be responsible for all costs associated with, or caused by failure to comply with
- Each Contractor shall review in advance all portions of the Work to verify that the Work will not prohibit completion of the Project as intended in these Contract Documents. Any questions shall be promptly referred to the Architect for resolution.
- Each Contractor shall refer to the Project Manual for cleaning and disposal requirements. Each Contractor shall be responsible for the protection of all surfaces and finishes at interior and exterior of building. Damaged surfaces and finishes resulting from the performance of the Work shall be repaired at no cost to the Owner by the responsible Contractor to match existing to the satisfaction of the Owner.
- Each Contractor shall coordinate respective cutting and patching Work with the other Prime
- Each Contractor shall become completely familiar with all aspects of the Work, even those areas designated to be provided by others. This familiarization includes full and complete understanding of the Work described on all Sheets of the Drawings and in all Sections of the Project Manual. Failure by the Contractor to become completely familiar and cognizant of all aspects of the Work shall not relieve the Contractor of the responsibility to provide materials. assemblies, or services indicated in the Contract Documents.

Vicinity Map



Thoroughfare Map



03.05.2024

State of Maine Department of Inland Fisheries and Wildlife 353 Water Street

Owner Contact Information

41 State House Station Augusta, ME 04333 (207) 287-8000

Permit & Code Compliance Information

Town of Fryeburg Code Enforcement Officer 16 Lovewell Pond Road Fryeburg, ME 04037 (207) 935-2805

Project Site Information

Site Tax Parcel Information Town of Fryeburg, Map 4 & 5, Lot 8 Site Deed Information -Book 170, Page 261,

Office of the Recorder - Oxford Co., ME Total Site Area -444 acres Disturbed Site Area -14.66 acres 53,783 sq ft Impervious Area -

Zoning District Designations:

RR - Rural Residential Subject Site -All Adjoining Parcels -RR - Rural Residential

Utility Contact Information

Central Maine Power Company 83 Edison Drive Augusta, ME 04336 (800) 565-3181

List of Alternates

#1 Archery Alternate

Base Bid: Provide site grading, perimeter wood fence, electrical conduits, and permanent turf seeding throughout range area.

Alternate Bid: Provide range pavements, connecting sidewalk, range concrete pad, electrical circuits & appurtances, and canopy structure complete as indicated on the drawings.

#2 Shotgun Alternate

Base Bid: Provide site grading, electrical conduits, and permanent turf seeding throughout range area. Alternate Bid: Provide range pavements, connecting sidewalk, electrical circuits & appurtances, and range sound wall complete as indicated on the drawings.

#3 Parking Lot Alternate

Base Bid: Provide asphalt pavement, pavement marking, and concrete bumper blocke adjacent to the 2 range entrance gates including the ADA parking spaces. Provide stone pavement for remainder of parking lot and entrance drives and concrete bumper blocks. Alternate Bid: Provide asphalt pavement and stone pavement for parking lot and entrance drives, pavement marking, and concrete bumper blocks complete as indicated on the drawings.

#4 Canopy Alternate

Base Bid: Provide concrete pads and electrical conduits. Alternate Bid: Provide wood canopy structures, associated footings, concrete pads, electrical circuits & appurtances, and range safety lighting systems for 100-yd rifle range and 25-yd rifle/pistol range complete as indicated on the drawings.

#5 Building Pad Alternate

Base Bid: Provide site grading, electrical conduits, and permanent turf seeding in building pad areas. Alternate Bid: Provide concrete building pad and adjacent asphalt pavement complete as indicated on the drawings.

Drawing Index

Sheet Number	Sheet Title
5.2 - Civil	
G-001	COVER SHEET
C-001	OVERALL SITE PLAN & GENERAL NOTES
C-002	RANGE SAFETY PLAN
1 OF 1	TOPOGRAPHIC SURVEY
CD101	SITE DEMOLITION PLAN
CD102	SITE DEMOLITION PLAN
CL101	SITE LAYOUT PLAN
CL401	RANGE LAYOUT PLAN
CL501	SITE LAYOUT DETAILS
CL502	SITE LAYOUT DETAILS
CG101	SITE GRADING PLAN
CG102	SITE GRADING PLAN
CU101	SITE UTILITY PLAN
CU102	SITE UTILITY PLAN
CU501	SITE DRAINAGE DETAILS
CE101	STORMWATER POLLUTION PREVENTION PLAN
CE102	STORMWATER POLLUTION PREVENTION PLAN
CE501	SWPPP NOTES & DETAILS
CE502	SWPPP NOTES & DETAILS
LP101	PLANTING PLAN
5.3 - Structu	ıral
S100	GENERAL NOTES
S101	ARCHERY CANOPY STRUCTURAL PLAN
S102	RIFLE CANOPY PLAN & SECTION
S103	PISTOL CANOPY PLAN & SECTION
5.9 - Electric	cal
E-001	SYMBOLS & ABBREVIATIONS
ES101	ELECTRICAL SITE PLAN
E-501	DETAILS
E-601	SCHEDULES & SCHMATICS
5.10 - Telec	communications
T-001	TELECOMMUNICATIONS SYMBOLS AND ABBREVIATIONS
TS101	TELECOMMUNICATIONS SITE PLAN

Final Construction Plans







COVER SHEET G-001

GENERAL EROSION CONTROL NOTES:

- 1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL PRACTICES FIELD GUIDE FOR CONTRACTORS, LATEST EDITION, AVAILABLE FROM THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- 2. A COPY OF THIS EROSION AND SEDIMENT CONTROL PLAN AND THE EROSION AND SEDIMENT CONTROL REPORT SHALL BE AVAILABLE AT THE PROJECT SITE THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
- 3. THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE SO THEY WILL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WIND, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED.
- 4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMMEDIATELY REMOVE ALL MUD, DIRT, STONE, SAND, CONCRETE, AND ANY OTHER MATERIALS TRANSFERRED ONTO ALL SURROUNDING STREETS, DRIVES, LOTS AND SIDEWALKS, AND RESTORE THOSE AREAS TO A CLEAN CONDITION AS DIRECTED BY THE OWNER'S REPRESENTATIVE. IF THE CONTRACTOR DOES NOT COMPLY, THE OWNER SHALL SEEK TO HAVE THE CLEANING PERFORMED BY OTHER SOURCES AND ALL ASSOCIATED COSTS SHALL BE DEDUCTED FROM THE CONTRACTOR'S CONTRACT.
- 5. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEAR OF ACCUMULATED SEDIMENT. ALL SEDIMENT THAT IS CLEARED MUST BE RETURNED TO THE LIKELY POINT OF ORIGIN OR OTHER SUITABLE LOCATION. CLEARING OF LARGE AMOUNTS OF SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER.
- 6. THE CONTRACTOR SHALL PROVIDE ALL MEANS REQUIRED TO CONTROL DUST THROUGHOUT THE PROJECT. DUST SHALL NOT BE GENERATED OR ALLOWED AT ANY TIME THROUGHOUT THE PROJECT. IF THE CONTRACTOR DOES NOT COMPLY, THE OWNER SHALL SEEK TO HAVE THE DUST CONTROL MEASURES PERFORMED BY OTHER SOURCES AND ALL ASSOCIATED COSTS SHALL BE DEDUCTED FROM THE CONTRACTOR'S CONTRACT.
- 7. CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY ALL WATER AND OTHER MATERIAL FOR DUST CONTROL AND SOIL STABILIZATION OPERATIONS.
- 8. MINIMIZE THE EXPOSURE OF BARE EARTH BY LIMITING THE WORK AREA TO THAT NECESSARY TO PERFORM THE WORK, AND BY PROPER SCHEDULING OF MANPOWER AND EQUIPMENT.
- 9. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED, CLEANED, AND MAINTAINED FOLLOWING EACH
- 10. WHEREVER POSSIBLE, MAINTAIN EXISTING VEGETATIVE COVER. USE NON-VEGETATIVE MATERIAL INCLUDING MULCH, EROSION BLANKETS, OR STONE TO CONTROL EROSION FROM DISTURBED AREAS.
- 11. ALL EROSION AND SEDIMENT CONTROL MEASURES SHOWN SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION. AN INSTALLED PRACTICE SHALL NOT BE REMOVED UNTIL THE AREA OF THE WORK CONTRIBUTING RUNOFF TO THE PRACTICE HAS BEEN COMPLETED AND STABILIZED, OR UNTIL SUFFICIENT ADDITIONAL MEASURES HAVE BEEN INSTALLED TO PROVIDE PROPER PROTECTION TO THE SITE AND SURROUNDING AREA FROM EROSION AND SEDIMENTATION.

GENERAL UTILITY NOTES:

- 1. ALL KNOWN UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THE EXISTING UTILITIES AND REPAIRING ANY DAMAGE DONE TO THE UTILITIES DURING PROBING, EXCAVATION OR CONSTRUCTION. TO OBTAIN FIELD LOCATIONS OF EXISTING UNDERGROUND UTILITIES, CALL 811 OR 1-888-DIG-SAFE OR 1-888-344-7233.
- 2. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR THE RELOCATION OF UTILITIES ON SITE OR CROSSING THE SITE TO SERVICE ADJACENT PROPERTIES. DO NOT INTERRUPT EXISTING UTILITIES SERVING FACILITIES OCCUPIED AND USED BY OWNER OR OTHERS, DURING OCCUPIED HOURS, EXCEPT WHEN PERMITTED.
- 3. COORDINATE ALL UTILITIES WITH ELECTRICAL DRAWINGS.
- 4. ALL COSTS INCURRED IN COORDINATION AND CONNECTION OF NEW UTILITY SERVICES SHALL BE THE RESPONSIBILITY OF
- 5. ALL CONNECTIONS TO EXISTING STORM, SANITARY, WATER, GAS, COMMUNICATION, AND ELECTRIC UTILITIES SHALL BE VERIFIED WITH ENGINEER AND COORDINATED WITH RESPECTIVE UTILITY PRIOR TO BEGINNING WORK.
- 6. A LAYER OF FILTER FABRIC SHALL BE PLACED UNDER EACH INLET CASTING DURING THE CONSTRUCTION PERIOD.
- 7. MAINTAIN 10 FEET (HORIZONTAL) AND 18 INCHES (VERTICAL) SEPARATION BETWEEN WATER MAINS AND STORM/SANITARY
- SEWERS. THIS MEASUREMENT SHALL BE OUTSIDE TO OUTSIDE OF PIPES. B. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL TESTING OF STORM AND SANITARY PIPES AND STRUCTURES PER
- CITY REQUIREMENTS. ALL COSTS FOR PERMITS AND TESTING TO BE BY CONTRACTOR. 9. CONTRACTOR IS RESPONSIBLE FOR ALL TESTING AND COSTS FOR ADDITIONAL EXCAVATION, IF REQUIRED, TO PROVIDE

ABBREVIATIONS:

Architectural Civil Engineer Concrete masonry uni Deceleration Electrical Equal distance Expansion joint Face of wall Inches per linear foot Inside diameter or dimension

On center

Reinforcing

Right or way

Specifications

Station point

Storm sewer

To be selected

Woven wire fabric

Structural

Thick

Vertical Verify in field

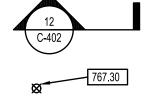
Smooth Lined Corrugated Plastic Pipe

Sheet

Similar

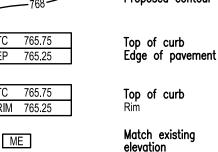
Outside diameter

Point of beginning Polyvinyl chloride

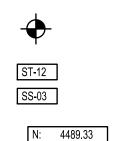


SYMBOL LEGEND

Proposed spot elevation Note and Mark



Match existing Elevation target



Storm structure number Sanitary sewer structure number



GENERAL SITE GRADING AND DRAINAGE NOTES:

- 1. CONTRACTOR SHALL VERIFY ALL EXISTING GRADES IN FIELD AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE
- 2. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE IN ALL AREAS. PAVING CONTRACTOR SHALL TEST FOR ANY PONDING CONDITIONS AFTER INSTALLATION OF PAVEMENTS AND CORRECT ANY DEFICIENCIES. SEE SPECIFICATIONS.
- 3. SEE SWPPP SHEETS FOR EROSION CONTROL TO BE INCORPORATED DURING CONSTRUCTION.
- 4. CONTRACTOR SHALL COORDINATE ALL EARTH MOVING ACTIVITIES WITH ALL EXISTING AND NEW UTILITIES. VERIFY COVER REQUIREMENTS WITH UTILITY CONTRACTORS AND/OR UTILITY COMPANIES SO NOT TO CAUSE DAMAGE.
- CONTRACTOR SHALL STABILIZE ALL EARTHEN AREAS DISTURBED DURING CONSTRUCTION. SEE SEASONAL SOIL PROTECTION CHART AND EROSION CONTROL PLAN.
- 6. CONTRACTOR SHALL STABILIZE ANY STOCKPILED TOPSOIL AGAINST EROSION WITHIN 15 DAYS OF STOCKPILING. SEE SEASONAL SOIL PROTECTION CHART AND EROSION CONTROL PLAN.
- 7. PROVIDE SMOOTH TRANSITION FROM NEW AREAS TO EXISTING FEATURES AS NECESSARY.
- 8. THE CONTRACTOR SHALL PREPARE THE FINISH GRADE AT 1/2" BELOW ADJACENT PAVED AREAS. FINISHED GRADES IN PLANTING AREAS SHALL BE 1" LOWER THAN ADJACENT PAVING AND ARE TO INCLUDE 3" MULCHING OVER PLANTING SOIL, SEE SPECS.
- 9. PRIOR TO FINISH GRADING, CONTRACTORS SHALL MAINTAIN ALL WATER DRAINING OFF SITE CONSISTENT WITH DRAWINGS. NO WATER SHALL BE DIVERTED ONTO ADJOINING PROPERTIES DURING ANY PART OF THE GRADING PROCESS.

GENERAL SITE NOTES:

- ALL TOPOGRAPHIC AND BOUNDARY SURVEY INFORMATION HAS BEEN OBTAINED FROM A SURVEY PREPARED BY DIRIGO SURVEYING, DATED 11/23/2015, WITH A SURVEY UPDATE PREPARED ON 03/20/2018. ADDITIONAL 2' GROUND TOPOGRAPHY INFORMATION ACQUIRED FROM MAINE GEOLIBRARY DATA CATALOG. SCHMIDT ASSOCIATES, INC. CLAIMS NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED BY THE SURVEY OR MAINE GIS DATA.
- 2. ALL DAMAGES TO EXISTING IMPROVEMENTS, EXCAVATION AND/OR REMOVAL OF ANY AND ALL EXISTING IMPROVEMENTS DURING CONSTRUCTION SHALL BE KEPT TO A MINIMUM. ANY EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION SHALL BE RESTORED, RECONSTRUCTED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- 3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL MUD, DIRT, GRAVEL, AND ANY OTHER MATERIALS TRUCKED ONTO ANY PUBLIC OR PRIVATE STREETS OR SIDEWALKS.
- 4. PROVIDE SMOOTH GRADING TRANSITION FROM NEW AREAS TO EXISTING FEATURES AS NECESSARY.
- 5. THE CONTRACTOR SHALL SUBMIT SAMPLES OF MATERIALS AND FINISHES TO THE ARCHITECT/ENGINEER FOR APPROVAL PRIOR TO ORDERING AND INSTALLATION AS OUTLINED IN THE SPECIFICATIONS.
- 6. ALL AREAS WHERE PROPOSED ASPHALT PAVEMENT MEETS THE EXISTING PAVEMENT, THE EXISTING PAVEMENT EDGE SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL.
- 7. SEE PROJECT MANUAL FOR ADDITIONAL SPECIFICATIONS THAT WILL APPLY TO THIS WORK.
- 8. THIS PROJECT WILL RECEIVE FEDERAL FINANCIAL ASSISTANCE FUNDING, AND IN ACCORDANCE WITH THE BUY AMERICA, BUILD AMERICA ACT (SECTIONS 70901-52 OF THE INFRASTRUCTURE INVESTMENT AND JOBS ACT, PUB. L.117-58) ALL OF THE IRON, STEEL, MANUFACTURED PRODUCTS, AND CONSTRUCTION MATERIALS USED IN THIS PROJECT MUST BE PRODUCED IN THE UNITED STATES UNLESS SUBJECT TO AN APPROVED WAIVER.

GENERAL SITE DEMOLITION NOTES:

- 1. REMOVAL OF EXISTING CONCRETE AND ASPHALT PAVEMENT INDICATED ON PLANS SHALL INCLUDE ALL AGGREGATE BASE AND SUBGRADE MATERIALS. SAWCUT ALL EXISTING PAVED AREAS TO BE REMOVED. ALL CUTS SHALL BE CLEAN, NEAT AND TRUE TO LINE. WHERE PLANT MATERIAL IS PROPOSED TO REPLACE REMOVED CONCRETE AND ASPHALT, CONTRACTOR SHALL REMOVE ALL NON-ORGANIC OR TOXIC MATTER THAT WOULD INTERFERE WITH PROPOSED PLANT MATERIAL. CONTRACTOR SHALL DISPOSE OF EXCAVATED MATERIAL OFF-SITE AT APPROVED DISPOSAL SITES ONLY,
- DEMOLISH AND COMPLETELY REMOVE FROM SITE, EXISTING UNDERGROUND UTILITIES INDICATED TO BE REMOVED. COORDINATE WITH UTILITY COMPANIES AND OWNER FOR SHUT-OFF SERVICES, IF LINES ARE ACTIVE.
- ALL UNDERGROUND UTILITIES OR STRUCTURES IN PROPOSED PAVEMENT OR BUILDING AREAS REQUIRING REMOVAL SHALL BE BACKFILLED COMPLETELY WITH APPROVED ENGINEERED GRANULAR MATERIAL SUITABLE TO THE LANDSCAPE
- LEAD REMEDIATION ACTIVITIES FOR EXISTING SITE SOILS TO BE IN ACCORDANCE WITH PROJECT SPECIFICATIONS. SEE SHEET CD101 FOR LEAD REMEDIATION AREAS. ALL LEAD IMPACTED SOILS SUBJECT TO LEAD REMEDIATION SHALL BE PLACED IN THE NEW RANGE BACKSTOP EARTH BERMS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING TREES AND SHRUBS DESIGNATED TO REMAIN WITHIN THE LIMITS OF CONSTRUCTION TO THE EXTENT OF THE DRIP LINES. EXISTING TREES SHALL BE FENCED OFF AND NO MATERIALS OR HEAVY EQUIPMENT SHALL ENCROACH FENCED AREAS DURING DEMOLITION AND CONSTRUCTION.
- 6. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS IN A LEGAL MANNER.
- CONTRACTOR SHALL MAINTAIN DUST CONTROL WITH WATER AT ALL TIMES. METER INSTALLATION AND WATER COSTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- 8. THE USE OF EXPLOSIVES IS PERMITTED ON THIS PROJECT WITH THE OWNER'S PRIOR APPROVAL.
- 9. CATCH BASINS, SEWER INLETS, ETC. ARE TO BE PROTECTED FROM DEBRIS AND SEDIMENTATION DURING DEMOLITION. INSTALL FILTER FABRIC OR SEDIMENT BAG UNDER ANY INLET CASTINGS ON OR OFF SITE THAT RECEIVE STORM WATER FROM THE SITE BEFORE ANY DEMOLITION OR EARTHWORK ACTIVITIES COMMENCE.
- 10. VERIFY ALL TREES TO BE REMOVED WITH LANDSCAPE ARCHITECT/ENGINEER IN FIELD PRIOR TO FELLING.
- 11. IF ANY DISCREPANCIES OCCUR BETWEEN CONTRACT DOCUMENTS AND SITE CONDITION DURING DEMOLITION,, CONTACT ARCHITECT/ENGINEER IMMEDIATELY.

GENERAL TRAFFIC CONTROL NOTES:

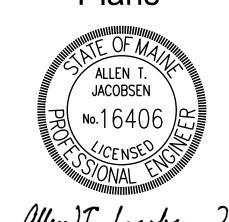
- 1. ALL SIGNS, STANDARDS, AND BARRICADES SHALL CONFORM TO MDOT STANDARD DETAIL SHEETS AND THE MANUAL ON
- 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE PLANNED CONSTRUCTION ACTIVITIES WITH THE TOWN OF FRYEBURG STREET DEPARTMENT AND/OR THE OXFORD COUNTY HIGHWAY DEPARTMENT PRIOR TO CONSTRUCTION.
- IF CONSTRUCTION ACTIVITIES ARE EXPECTED TO DISRUPT NORMAL OFF-SITE TRAFFIC FLOW, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE TOWN OF FRYEBURG STREET DEPARTMENT AND/OR THE OXFORD COUNTY HIGHWAY DEPARTMENT AND PREPARE ALL MAINTENANCE OF TRAFFIC PLANS AS REQUIRED.
- NORMAL SITE TRAFFIC CIRCULATION TO BE MAINTAINED DURING CONSTRUCTION. CONTRACTOR TO ERECT BARRICADES AS NEEDED TO PROTECT CONSTRUCTION AREA FROM NORMAL TRAFFIC PATTERNS AROUND THE EXISTING FACILITIES.
- 5. IF EXISTING TRAFFIC CIRCULATION PATTERNS AROUND EXISTING FACILITIES MUST BE DISRUPTED OR BLOCKED, CONTRACTOR SHALL SUBMIT A TRAFFIC PLAN AND OBTAIN WRITTEN APPROVAL FROM ARCHITECT/ENGINEER BEFORE

GENERAL SITE STAKING AND LAYOUT NOTES:

- 1. DO NOT SCALE DRAWING FOR DETERMINING EXACT LAYOUT INFORMATION.
- CONTRACTOR SHALL STAKE AND VERIFY ALL DIMENSIONS IN FIELD PRIOR TO INITIATION OF ANY CONSTRUCTION. REVIEW ANY DISCREPANCIES IMMEDIATELY WITH THE ARCHITECT/ENGINEER FOR RESOLUTION.
- 3. ALL LAYOUT COMPONENTS SHALL BE STAKED OUT IN THE FIELD BY THE CONTRACTOR. OBTAIN ARCHITECT/ENGINEER
- 4. ALL DIMENSIONS IN CURBED AREAS SHALL BE TO FACE OF CURB. ALL DIMENSIONS IN AREAS WITHOUT CURBING SHALL BE TO EDGE OF PAVEMENT. ALL DIMENSIONS AT INTEGRAL CURB AND WALK SHALL BE TO FACE OF CURB. ALL DIMENSIONS FROM BUILDING SHALL BE FROM FACE OF BUILDING.
- 5. ALL DIMENSIONS ARE PARALLEL AND PERPENDICULAR TO BASE LINES, PROPERTY LINES OR BUILDING LINES UNLESS
- 6. ALL RADII INDICATED SHALL BE FORMED AS CIRCULAR ARCS. ALL CURVES AND ARCS SHALL INTERSECT OTHER CURVES AND LINES AT POINTS OF TANGENCY TO FORM SMOOTH TRANSITIONS UNLESS CLEARLY SHOWN OTHERWISE.
- WHERE NOT SHOWN, SIDEWALK AND RETAINING WALL EXPANSION JOINTS SHALL BE 30'-0" O.C. AND CONTROL JOINTS 5'-0" O.C. MAXIMUM SPACING. CURB EXPANSION JOINTS SHALL BE 50'-0" O.C. AND CONTROL JOINTS SHALL ALIGN WITH ADJACENT SIDEWALK WHERE APPLICABLE, OTHERWISE 5'-0" MAXIMUM SPACING SHALL BE USED.
- 8. ALL WALKS SHALL RECEIVE MEDIUM BROOM-SWEPT FINISH PERPENDICULAR TO DIRECTION OF TRAFFIC FLOW UNLESS OTHERWISE NOTED. COORDINATE JUNCTIONS WITH ARCHITECT/ENGINEER IN FIELD, UNLESS OTHERWISE NOTED.
- ACCESSIBLE RAMPS AND SIGNAGE SHALL BE IN ACCORDANCE WITH FEDERAL, STATE, COUNTY, CITY, AND LOCAL CODES WHICHEVER HAS JURISDICTION. SEE SITE PLANS FOR LOCATIONS AND SITE DETAILS FOR SPECIFICATIONS.
- 10. PARKING STRIPING ASSOCIATED WITH ACCESSIBLE PARKING STALLS AND LOADING ZONES ARE TO BE 4" WIDE PAINTED BLUE. ALL OTHER STRIPES ARE TO BE 4" WIDE PAINTED WHITE. SPECIALITY PAVEMENT MARKING SHALL BE AS NOTED ON PLAN DETAILS.
- 11. REFER TO PLANTING PLANS FOR LAYOUT OF ALL TREES, SHRUBS, PLANTING BEDS AND EXTENT OF ALL SODDING AND







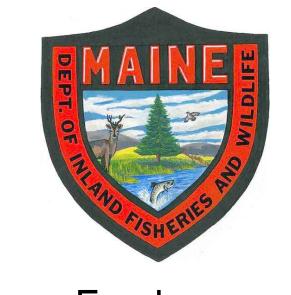
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Revision



58 Fish & Game Road Fryeburg, ME 04037

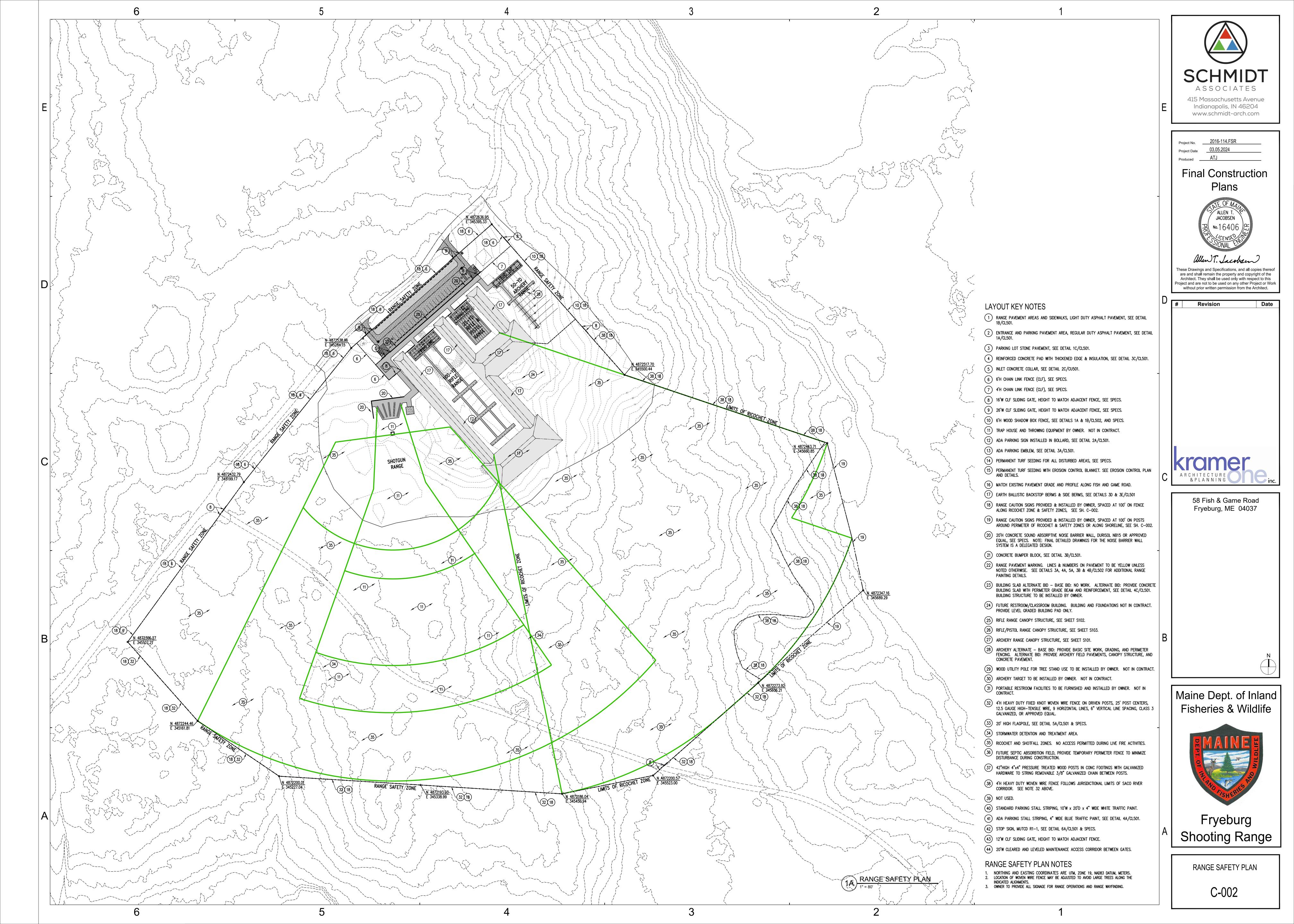
Maine Dept. of Inland Fisheries & Wildlife

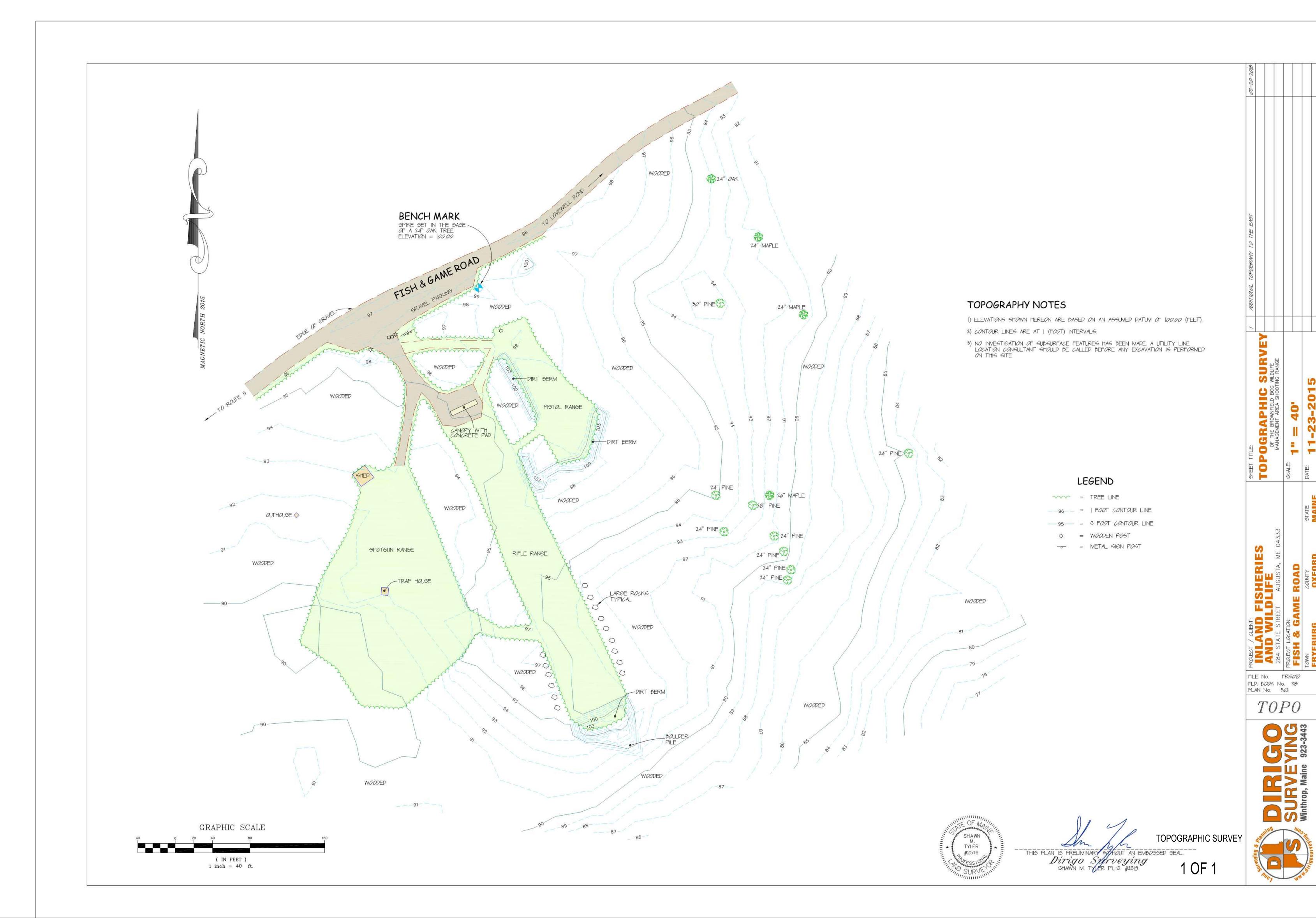


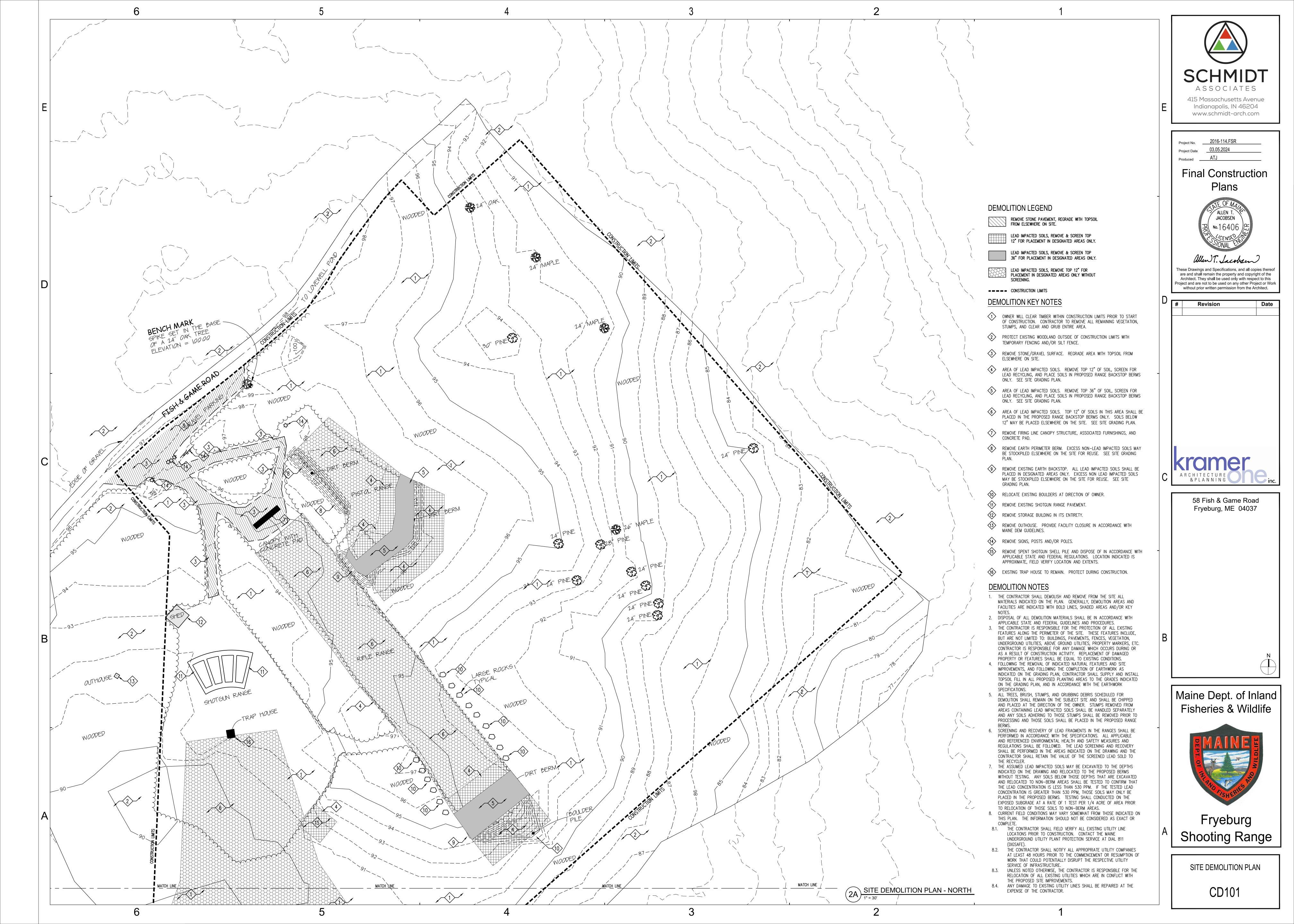
Fryeburg **Shooting Range**

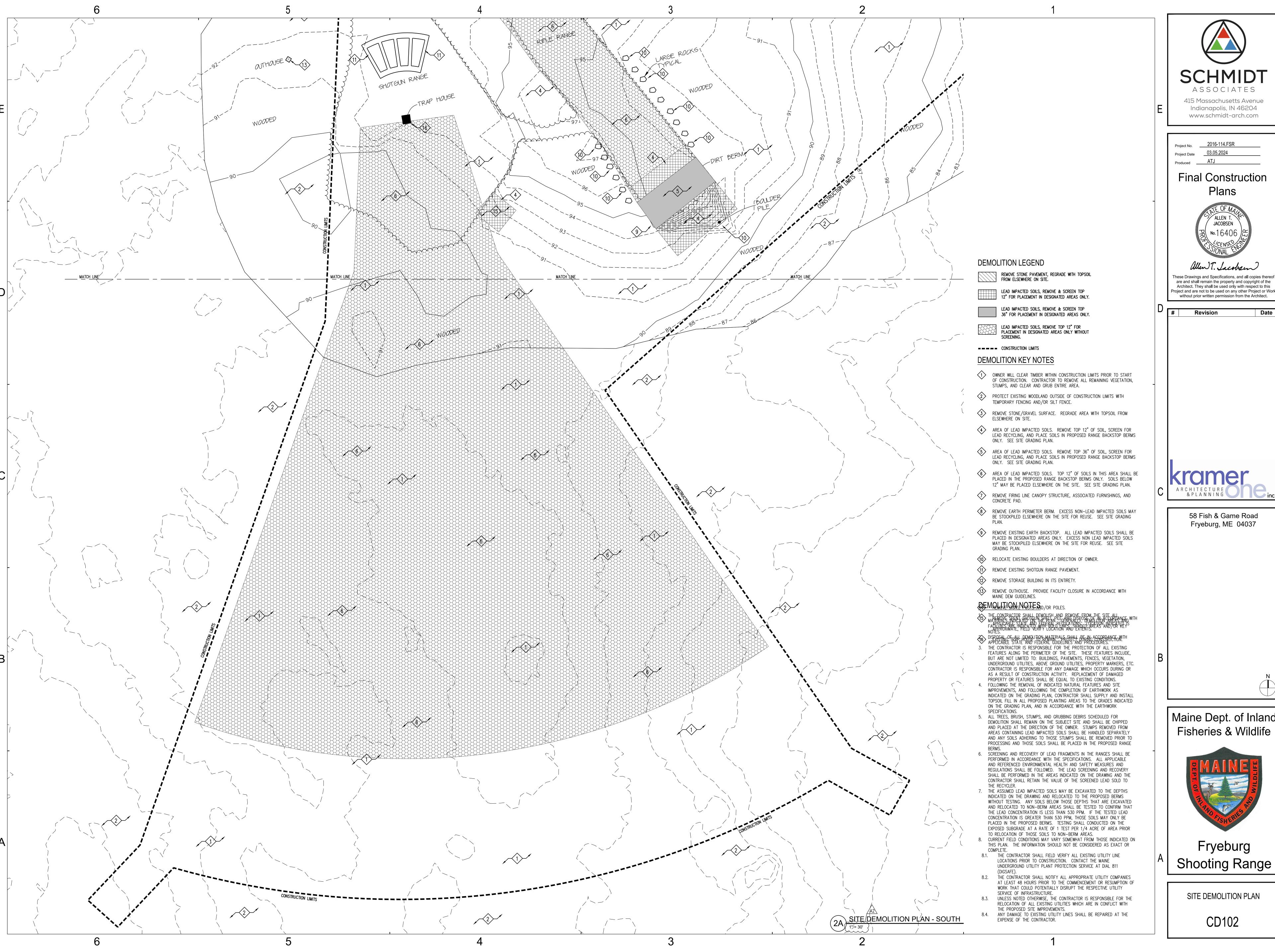
OVERALL SITE PLAN & **GENERAL NOTES**

C-001









SCHMIDT ASSOCIATES 415 Massachusetts Avenue

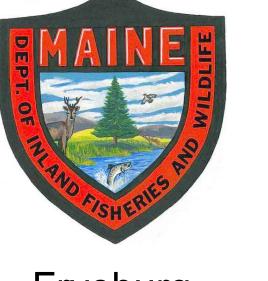
Final Construction



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58 Fish & Game Road Fryeburg, ME 04037

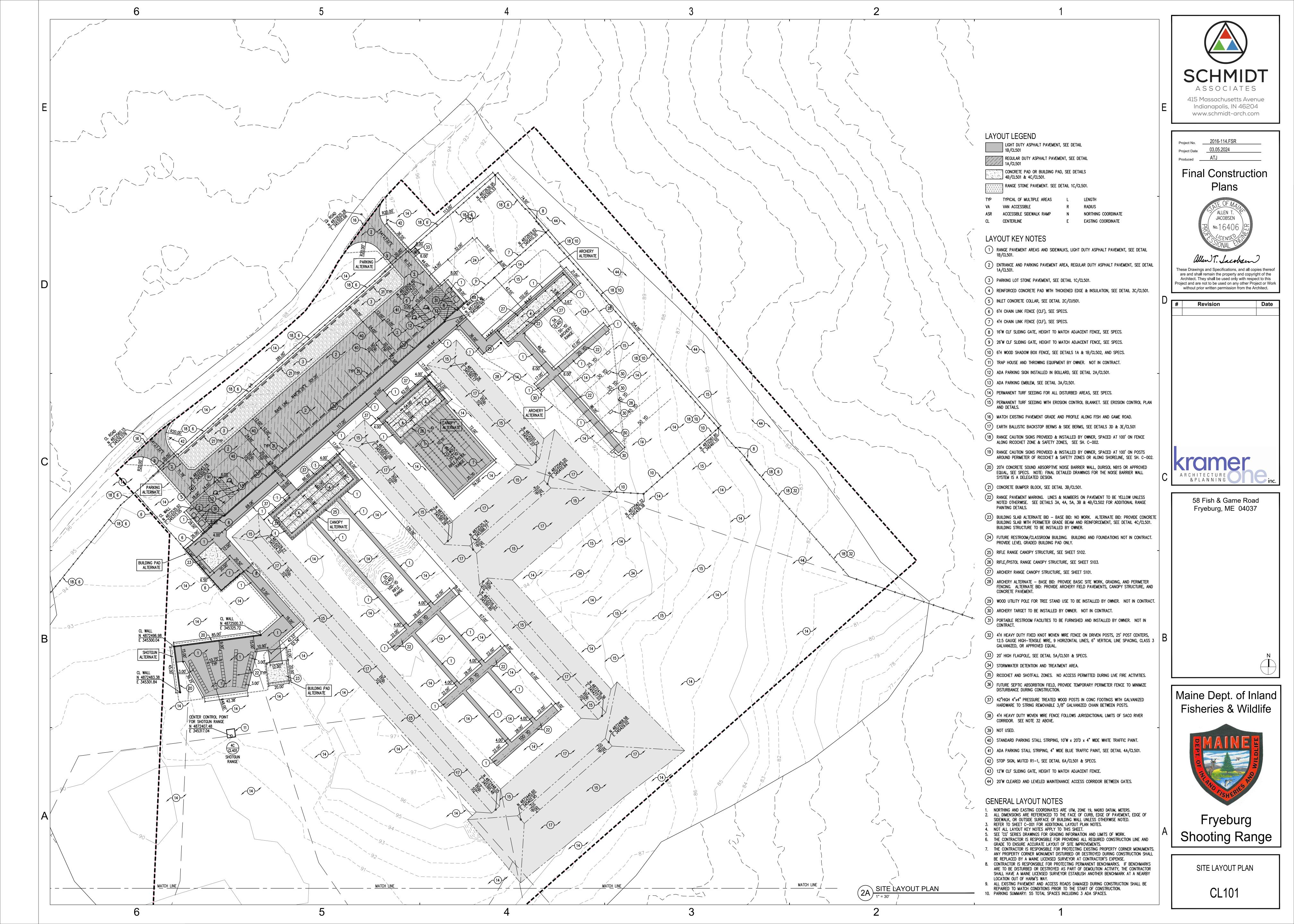
Maine Dept. of Inland

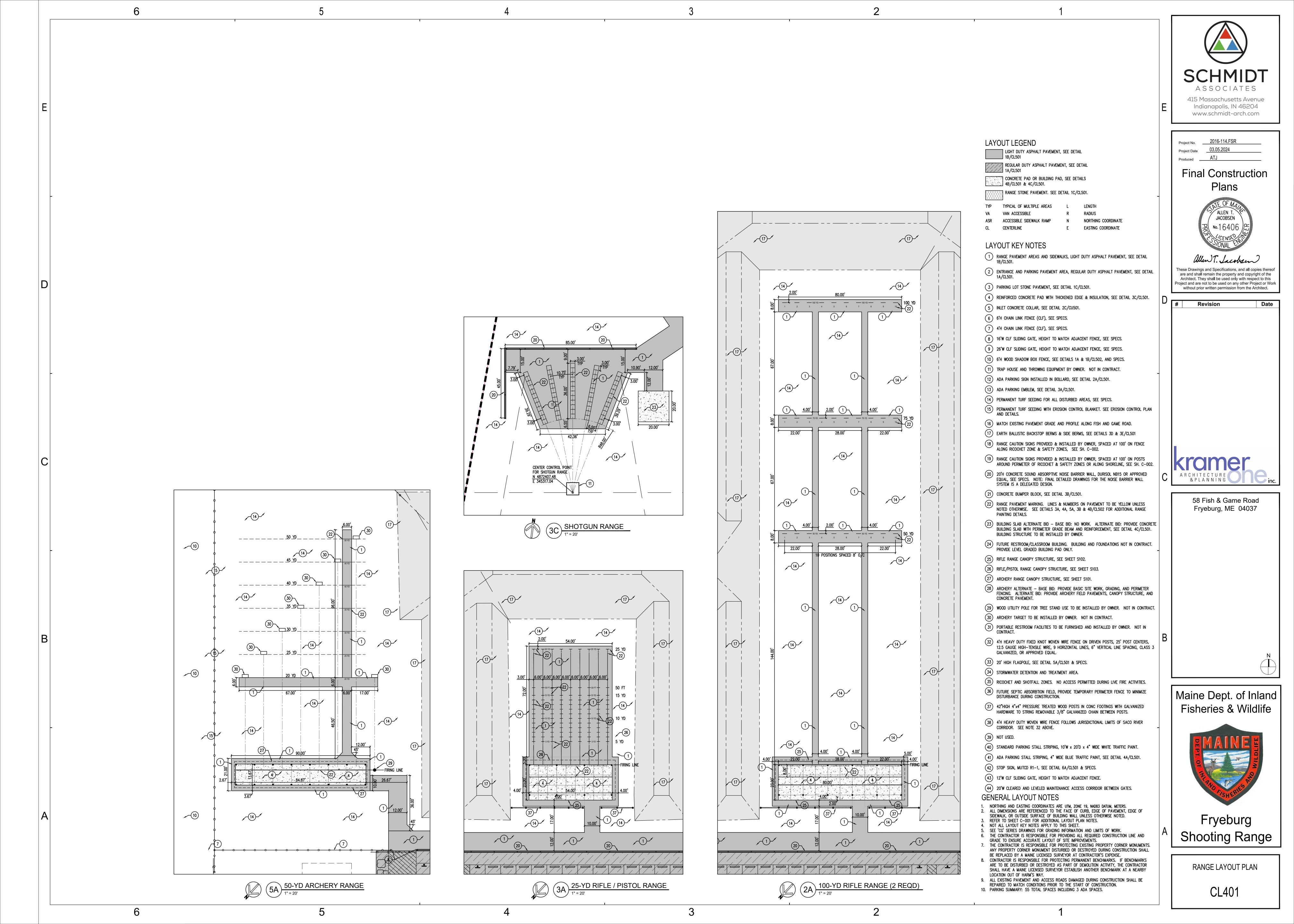


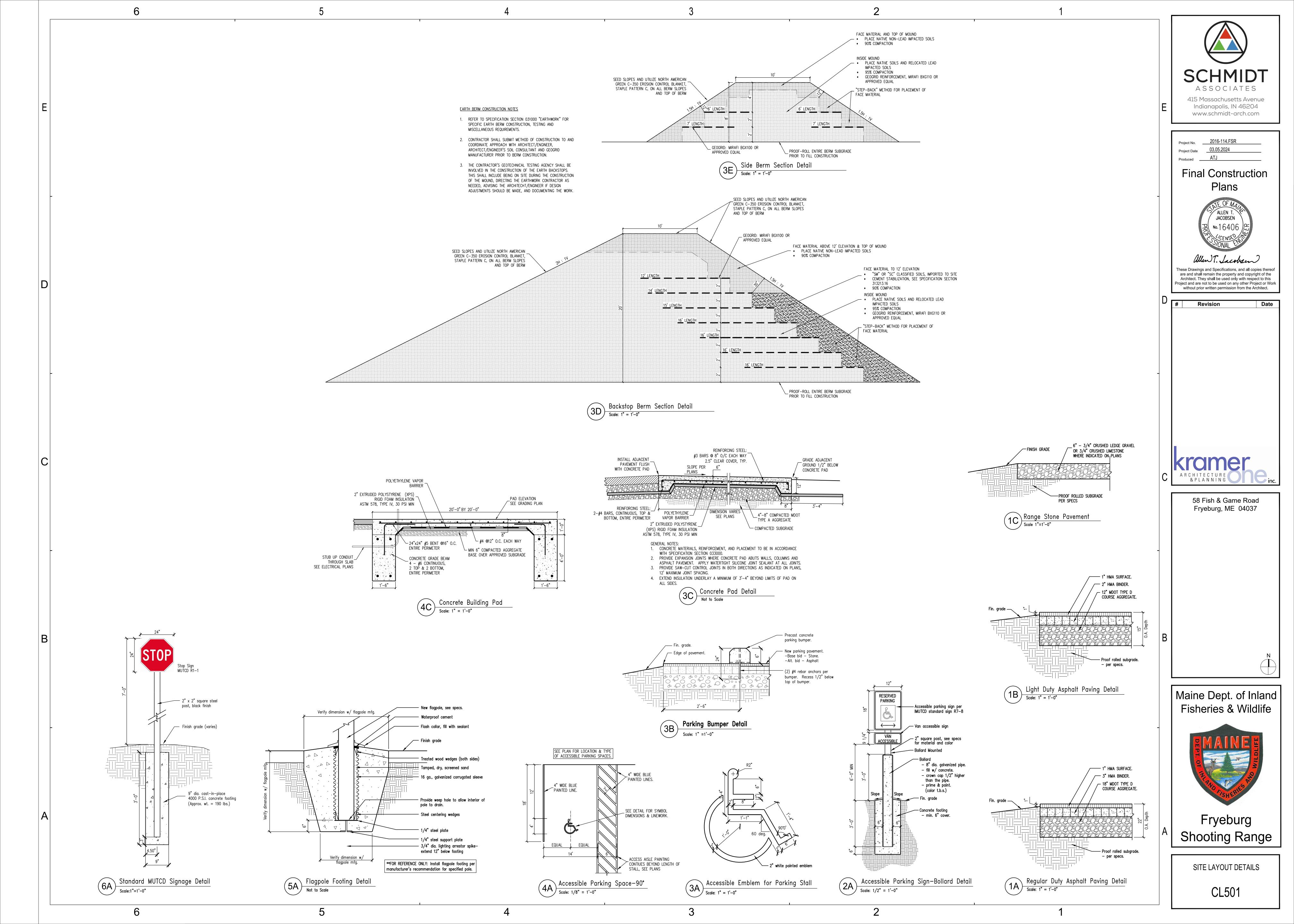
Fryeburg Shooting Range

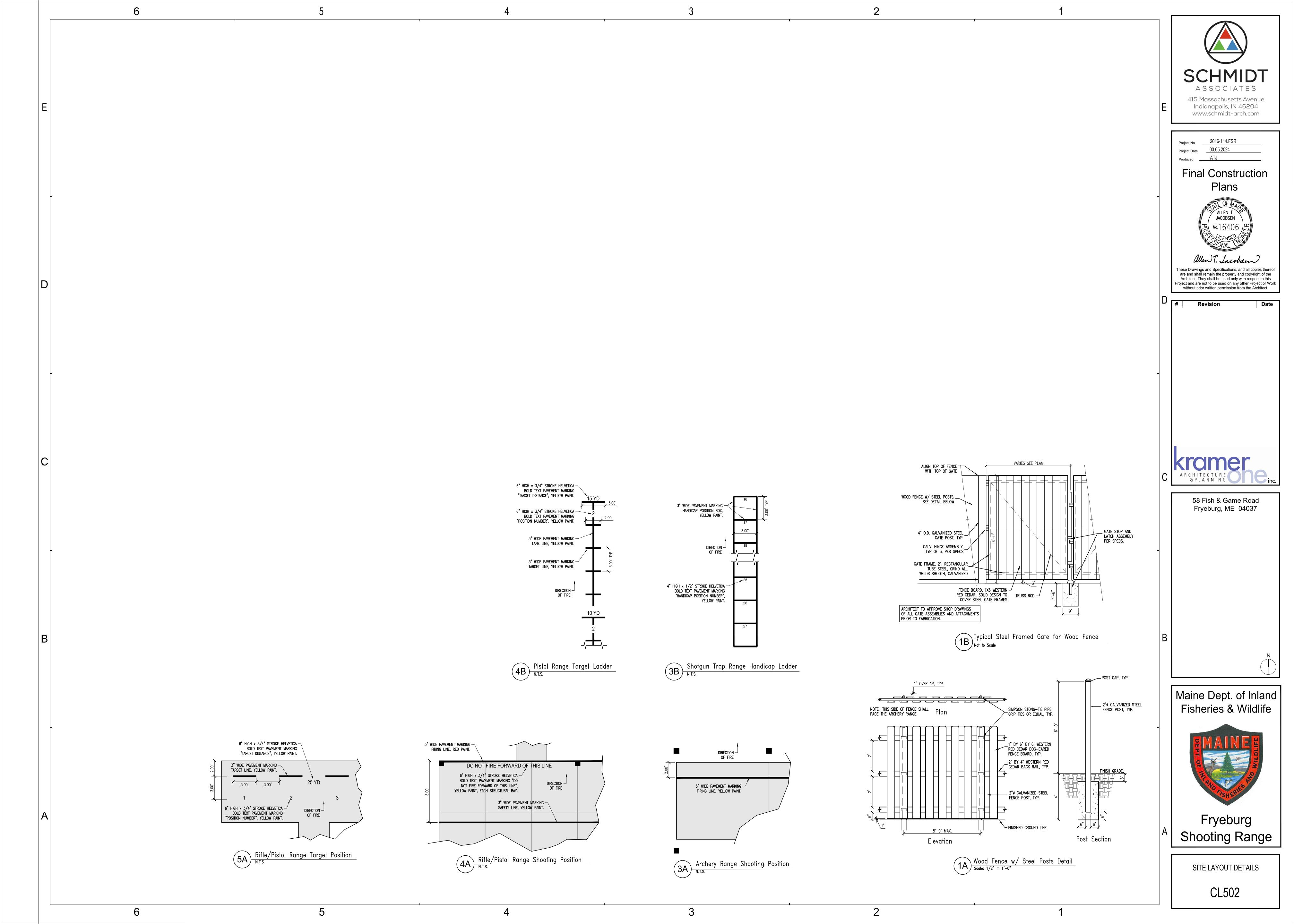
SITE DEMOLITION PLAN

CD102

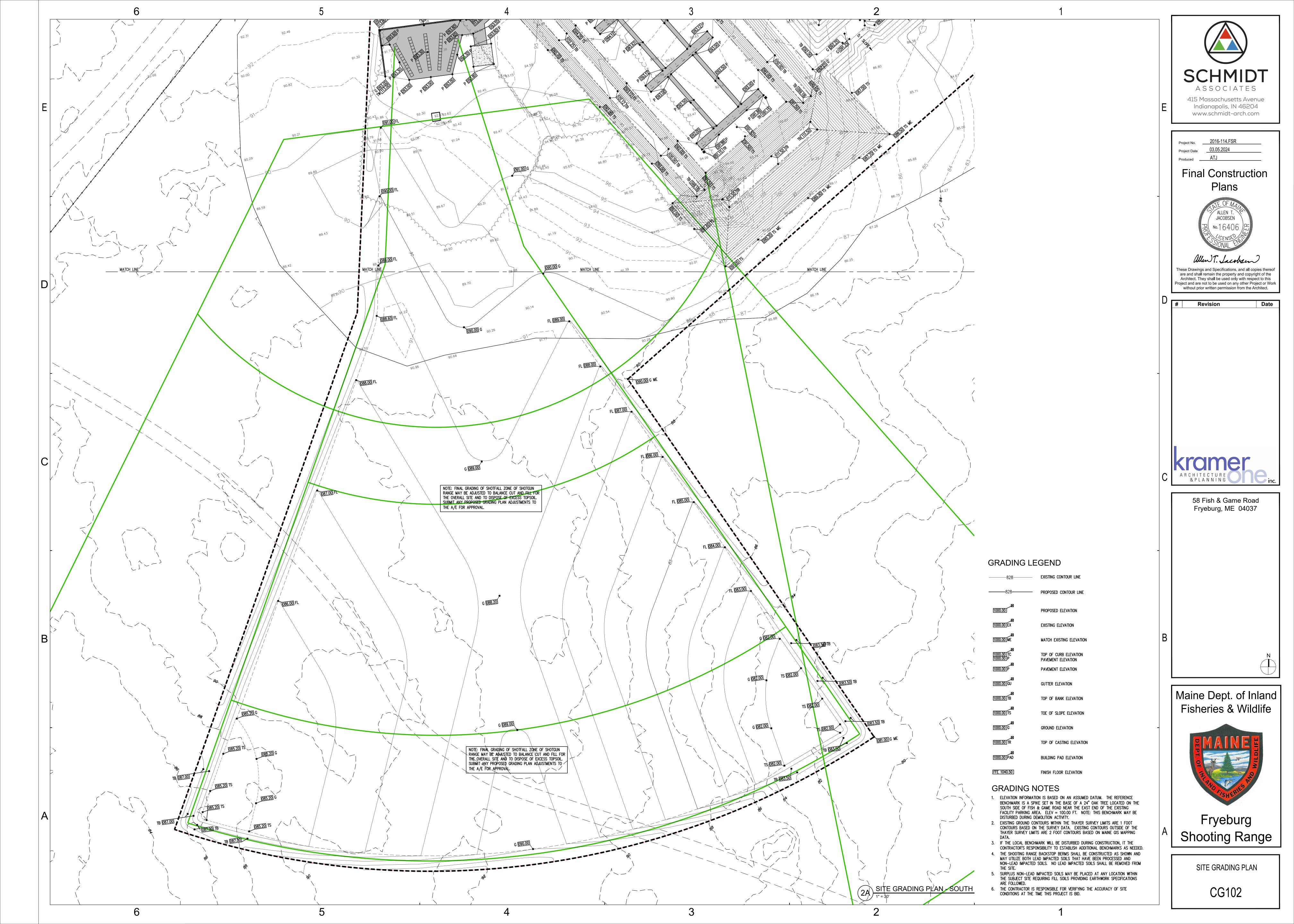




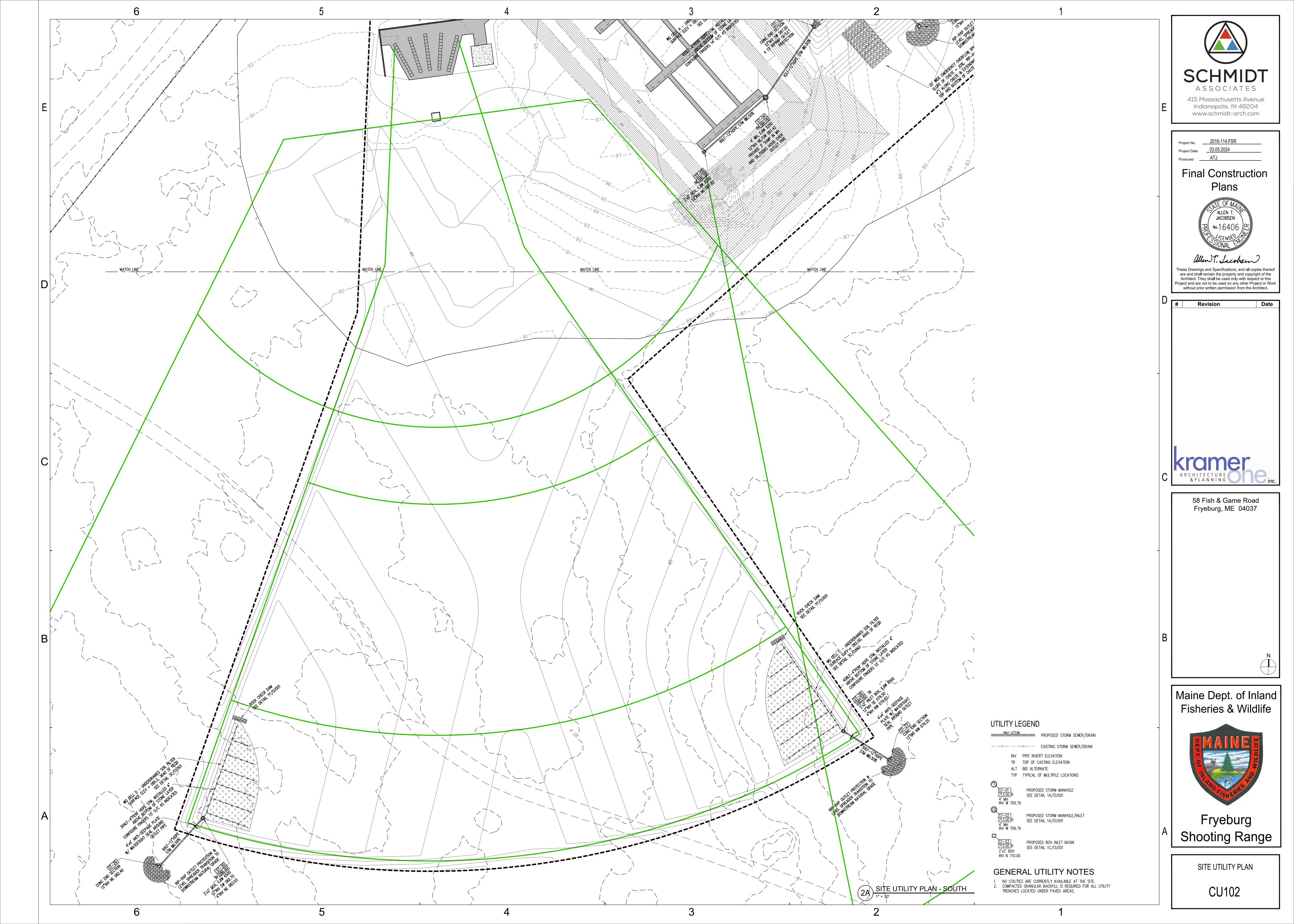


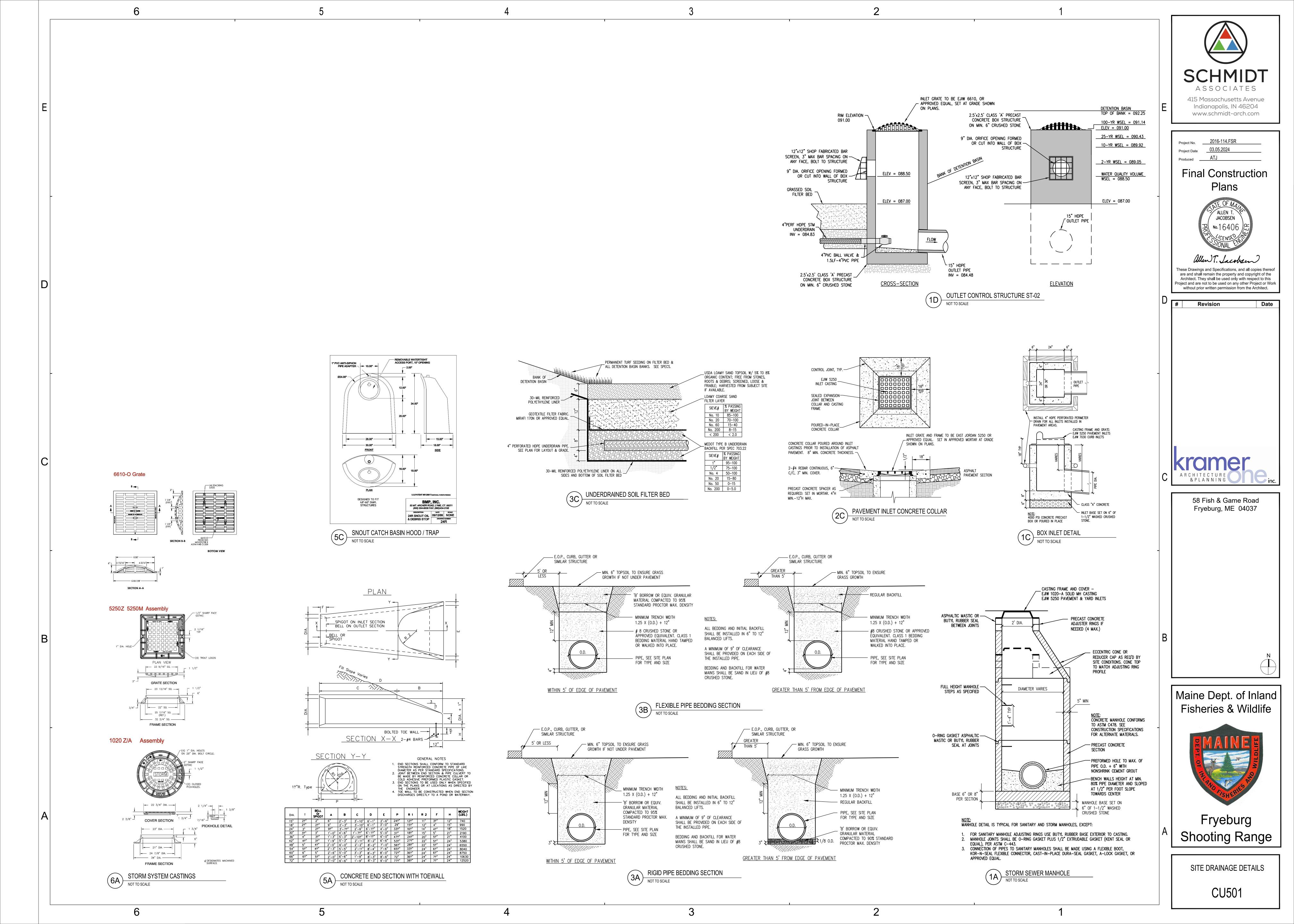




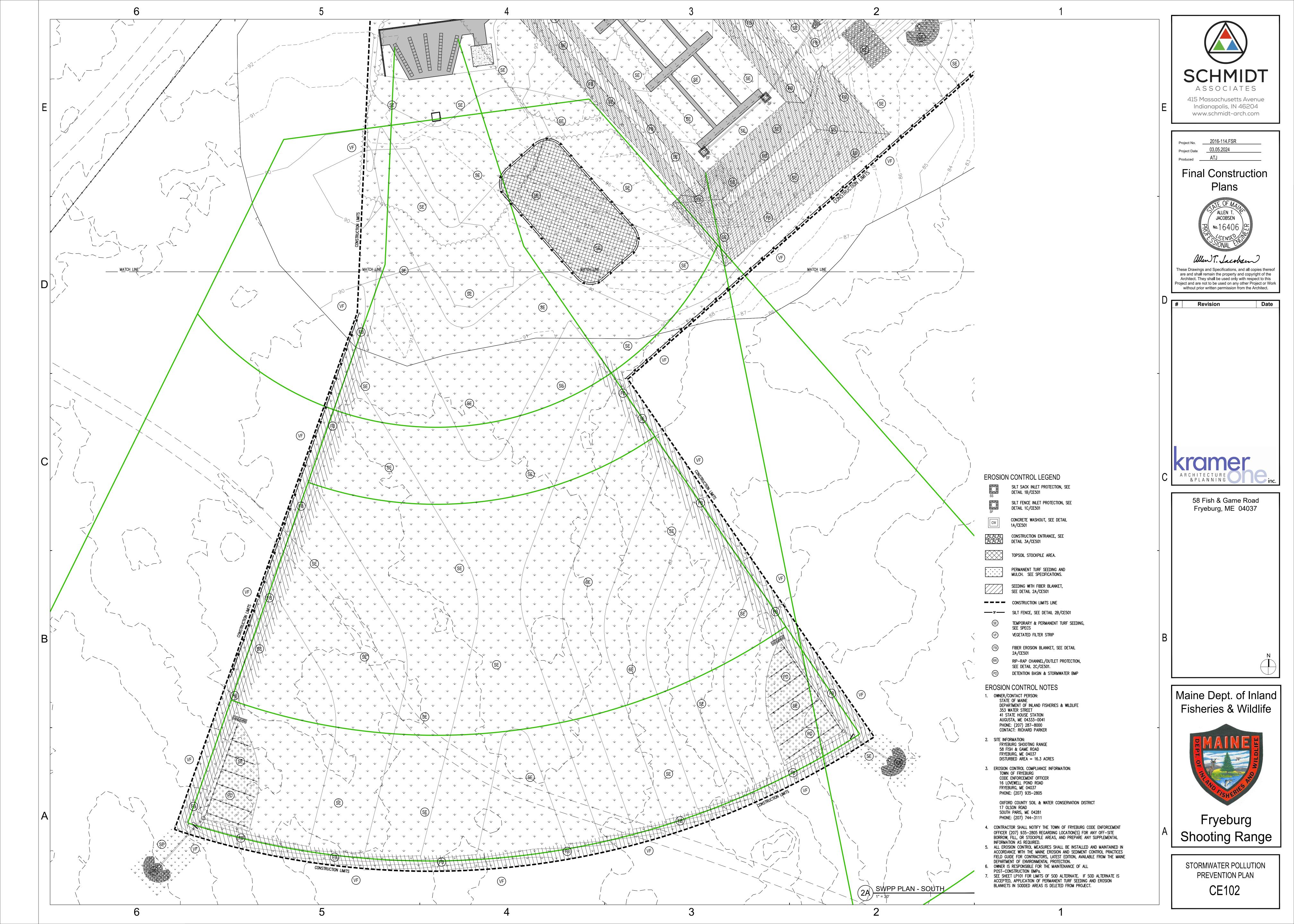


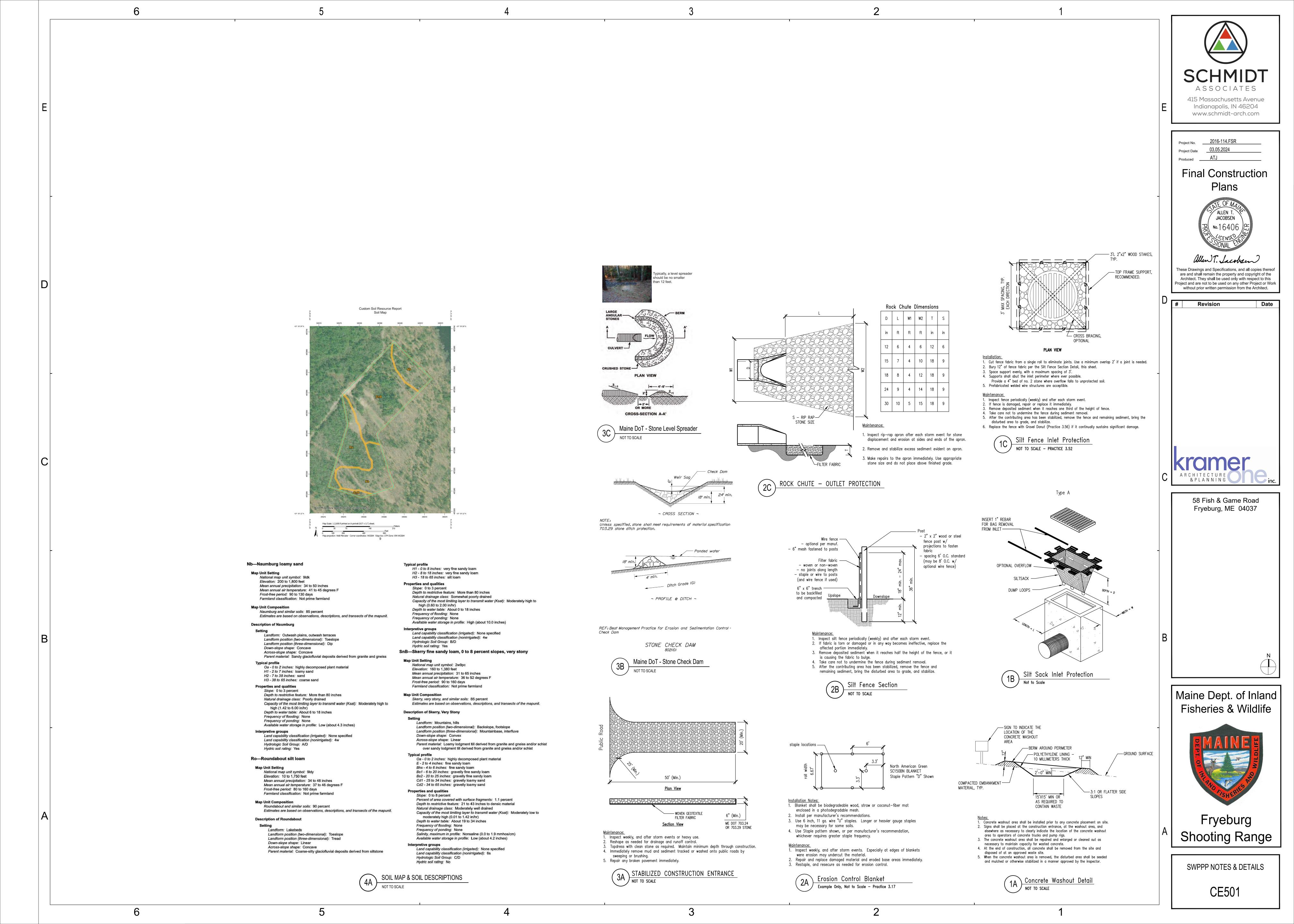












B14. MONITORING AND MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY MEASURE:

IF FENCE FABRIC TEARS, STARTS TO DECOMPOSE OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE

. REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE FENCE AT ITS LOWEST

INSPECT TEMPORARY SEDIMENT TRAPS AFTER EACH STORM EVENT AND IMMEDIATELY REPAIR ANY

REMOVE SEDIMENT WHEN IT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH.

LOWEST POINT OF THE SETTLED EMBANKMENT TO THE HIGHEST POINT OF THE SPILLWAY CREST AND 6. PROMPTLY REPLACE ANY DISPLACED RIP-RAP, BEING CAREFUL THAT NO STONES IN THE SPILLWAY

INSPECT FREQUENTLY FOR DAMAGE BY VEHICULAR TRAFFIC AND REPAIR IF NECESSARY.

REMOVE SEDIMENT, WITHOUT FLUSHING, WHEN IT REACHES HALF THE HEIGHT OF THE BARRIER BY

DURING VEGETATIVE ESTABLISHMENT, INSPECT AFTER EACH STORM EVENT FOR ANY EROSION BELOW 2. IF ANY AREA(S) SHOWS EROSION, PULL BACK THAT PORTION OF THE BLANKET COVERING IT, RESEED

1. INSPECT ENTRANCE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER STORM EVENTS OR

THE BASIN SHOULD BE INSPECTED SEMI-ANNUALLY AND FOLLOWING MAJOR STORM EVENTS. DEBRIS AND SEDIMENT BUILDUP SHOULD BE REMOVED FROM THE FOREBAY AND BASIN AS NEEDED. ANY BARE AREA OR EROSION RILLS SHOULD BE REPAIRED WITH NEW FILTER MEDIA, SEEDED AND MULCHED. MAINTENANCE AGREEMENT: A LEGAL ENTITY SHOULD BE ESTABLISHED WITH RESPONSIBILITY

FOR INSPECTING AND MAINTAINING ANY UNDERDRAINED FILTER. THE LEGAL AGREEMENT ESTABLISHING THE ENTITY SHOULD LIST SPECIFIC MAINTENANCE RESPONSIBILITIES (INCLUDING TIMETABLES) AND PROVIDE FOR THE FUNDING TO COVER LONG-TERM INSPECTION AND

MAINTENANCE SCHEDULE

IN THE EVENT OF AN OIL SPILL

INSPECT THE BMP EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. THEREAFTER.

ON THE SITE (NUMBER OF HYDROCARBON SPILLS, AMOUNT OF SEDIMENT, ETC.). IT IS

LOCAL CONDITIONS. IF THE SEDIMENT LOAD IS HIGH, MAINTENANCE MAY BE REQUIRED

2. SEDIMENT DEPTH INDICATING REQUIRED MAINTENANCE: > 24 INCHES.

DISPOSAL OF THE TRAPPED MATERIAL REMOVED FROM BMP STRUCTURES

THE EVENT OF A SPILL AS INDICATED ABOVE.

PRIOR TO DISPOSAL OF THE SEPARATOR CONTENTS.

OBSERVATION OF OIL RAINBOW OR SHEEN AT THE BMP OUTLET

GRASSED UNDERDRAINED SOIL FILTER BMP MAINTENANCE

PRETREATMENT STRUCTURE AT LEAST ANNUALLY

UNLESS ABSOLUTELY NECESSARY TO ESTABLISH VEGETATION.

BE ROTOTILLED TO REESTABLISH THE SOIL'S FILTRATION CAPACITY.

WASTE MANAGEMENT COMPANY.

MAINTENANCE

THAN 6 INCHES.

OONE OCCASIONALLY

SUBSIDENCE.

ONCE THE SEDIMENT DEPTH IN WQTU REACHES THE VALUE SPECIFIED BELOW BASED ON THE

OF TIME. IN THE EVENT OF A CATASTROPHIC SPILL, THE AFFECTED STORM INLETS AND

2. IN MOST AREAS THE SEDIMENT, ONCE DEWATERED, CAN BE DISPOSED OF IN A SANITARY

ANDFILL. IT IS NOT ANTICIPATED THAT THE SEDIMENT WOULD BE CLASSIFIED AS HAZARDOUS

CAN BE DISCHARGED INTO A TRUNK SANITARY SEWER. IN ALL DISPOSAL OPTIONS, APPROVAL

WITH A STEADY INFLUX OF WATER WITH HIGH CONCENTRATIONS OF OIL, A SHEEN MAY BE

NOTICEABLE AT THE BMP OUTLET. THIS MAY OCCUR BECAUSE A RAINBOW OR SHEEN CAN BE

ALL FREE OIL AND THE APPEARANCE OF A SHEEN AT THE OUTLET WITH HIGH INFLUENT OIL

THE BMP IS DESIGNED FOR FREE OIL REMOVAL AND NOT EMULSIFIED OR DISSOLVED OIL

CONCENTRATIONS DOES NOT MEAN THAT THE UNIT IS NOT WORKING TO THIS LEVEL OF REMOVAL

IN ADDITION, IF THE INFLUENT OIL IS EMULSIFIED, THE BMP WILL NOT BE ABLE TO REMOVE IT.

DRAINAGE: THE FILTER SHOULD DRAIN WITHIN 24 TO 48 HOURS FOLLOWING A ONE-INCH

MOWING: IF MOWING IS DESIRED, ONLY HAND-HELD STRING TRIMMERS OR PUSH-MOWERS

MORE THAN 2 TIMES PER GROWING SEASON TO MAINTAIN GRASS HEIGHTS OF NO LESS

FERTILIZATION: FERTILIZATION OF THE UNDERDRAINED FILTER AREA SHOULD BE AVOIDED

WEEDING TO CONTROL UNWANTED OR INVASIVE PLANTS MAY ALSO BE NECESSARY.

HARVESTING AND WEEDING: HARVESTING AND PRUNING OF EXCESSIVE GROWTH SHOULD BE

GRASS COVER: MAINTAINING A HEALTHY COVER OF GRASS WILL MINIMIZE CLOGGING WITH

SOIL FILTER REPLACEMENT: THE TOP SEVERAL INCHES OF THE FILTER CAN BE REPLACED

WITH FRESH MATERIAL IF WATER IS PONDING FOR MORE THAN 72 HOURS, OR THE BASIN

CAN BE ROTOTILLED, SEEDED AND MULCHED. ONCE THE FILTER IS MATURE, ADDING NEW

MATERIAL (A 1-INCH TO 2-INCH COVER OF MATURE COMPOST) CAN COMPENSATE FOR

FINE SEDIMENTS. IF PONDING EXCEEDS 48 HOURS, THE TOP OF THE FILTER BED SHOULD

ARE ALLOWED ON THE FILTER (NO TRACTOR) AND THE GRASS BED SHOULD BE MOWED NO

STORM OR GREATER. IF THE SYSTEM DRAINS TOO FAST, THE BALL VALVE ON THE

SEDIMENT REMOVAL: SEDIMENT AND PLANT DEBRIS SHOULD BE REMOVED FROM THE

UNDERDRAIN OUTLET SHOULD BE ADJUSTED OR AN ORIFICE PLATE MAY NEED TO BE

FROM THE DISPOSAL FACILITY OPERATOR/AGENCY IS REQUIRED. PETROLEUM WASTE PRODUCTS

COLLECTED IN STORMCEPTOR (OIL/CHEMICAL/FUEL SPILLS) SHOULD BE REMOVED BY A LICENSED

EXPECTED POLLUTANTS INCLUDE TRASH FROM LITTERING, GRIT OR SEDIMENT, FLUIDS FROM VEHICLES, CHEMICALS USED FOR TURF AND LANDSCAPE MAINTENANCE, AND ELEVATED WATER TEMPERATURES

RETENTION/INFILTRATION BASIN & WATER QUALITY BMP STRUCTURES SHALL BE INSTALLED EARLY IN 1. INSPECT AND MAINTAIN ALL EROSION CONTROL MEASURES AS DETAILED IN THE STORMWATER POLLUTION PREVENTION MEASURES MAINTENANCE MANUAL BEGINNING IMMEDIATELY AFTER INSTALLATION AND CONTINUING UNTIL VEGETATION HAS BEEN SUFFICIENTLY ESTABLISHED AND

EACH AREA TO A POINT WHERE SEDIMENT/POLLUTANTS WILL NOT ENTER THE STORM SEWER 3. IT IS RECOMMENDED THAT ANY PROPOSED STORMWATER SURFACE INFILTRATION OR WETLAND TREATMENT AREAS AND PLANTINGS (IF ANY) BE CONSTRUCTED/PLACED AFTER FINAL GRADING

C3. DESCRIPTION OF PROPOSED POST CONSTRUCTION STORMWATER MEASURES (INCLUDE A WRITTEN DESCRIPTION OF HOW THESE MEASURES WILL REDUCE DISCHARGE OF EXPECTED POLLUTANTS): WATER QUALITY BMP STRUCTURES CONSIST OF SUMPED MANHOLE/INLET STRUCTURES WITH SNOUT OIL DEBRIS HOODS ON OUTLET PIPES AND WILL REDUCE DISCHARGE OF EXPECTED POLLUTANTS.

TREATING CONTAMINATED STORM WATER RUNOFF BEFORE DISCHARGING IT INTO THE STORM ADDITIONAL STORM WATER QUALITY MEASURES FOR REDUCING, ELIMINATING OR CONTROLLING

QUALITY MEASURES BE EXECUTED IN ACCORDANCE WITH THE CONSTRUCTION PLANS, SPECIFICATIONS AND DETAILS IN ORDER TO MEET THE REQUIREMENTS OF THE MAINE DEM STORM WATER QUALITY

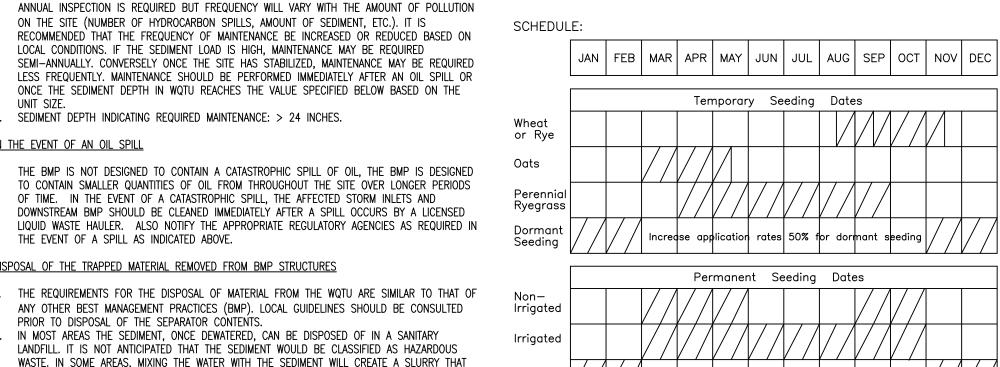
C5. DESCRIPTION OF MAINTENANCE GUIDELINES FOR POST CONSTRUCTION STORMWATER QUALITY MEASURES:

. MAINTENANCE EVENTS MAY INCLUDE INSPECTION, OIL & FLOATABLES REMOVAL, AND SEDIMENT

AND TRAINING, ENTRY INTO CONFINED SPACES CAN RESULT IN SERIOUS BODILY HARM AND POTENTIALLY DEATH. CONSULT LOCAL, PROVINCIAL, AND/OR STATE REGULATIONS TO DETERMINE 4. THE VACUUM SERVICE INDUSTRY IS A WELL-ESTABLISHED SECTOR OF THE SERVICE INDUSTRY THAT CLEANS UNDERGROUND TANKS, SEWERS AND CATCH BASINS. COSTS TO CLEAN A BMP WILL

MAINTENANCE SHOULD BE PERFORMED ONCE THE SEDIMENT DEPTH EXCEEDS THE GUIDELINE . REFER TO OPERATIONS AND MAINTANCE MANUALS FOR ADDITIONAL MAINTAINANCE DETAILS AND

SEEDING SCHEDULE AND NOTES



. PERMANENT SEEDING INFORMATION SHOWN ON THIS PLAN IS FOR EROSION CONTROL CONCERNING PERMANENT TURE SEEDING AND OR SODDING. THEN THAT INFORMATION SHALL SUPERSEDE SIMILAR INFORMATION INDICATED ON THIS SHEET. SEE SPECIFICATION SECTION

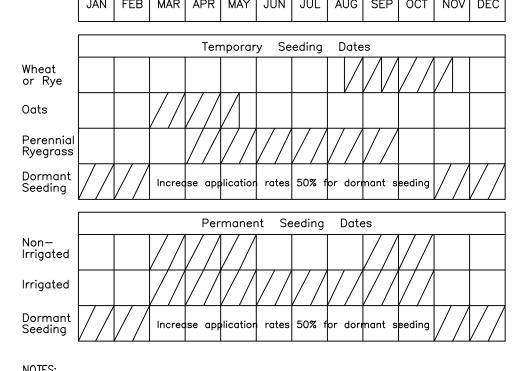
AREAS TO BE SEEDED SHALL BE SMOOTH AND UNIFORM AND SHALL BE IN ACCORDANCE WITH THE FINISHED GRADE AND CROSS SECTION SHOWN ON THE PLANS. 3. AREAS TO BE SEEDED SHALL HAVE A MINIMUM TOPSOIL DEPTH OF 6 INCHES. LIGHTLY COMPACT PLACED TOPSOIL BY ROLLING OR TAMPING. 4. PRIOR TO REPLACING TOPSOIL, LOOSEN SUBSOIL TO ENSURE GOOD BOND WITH TOPSOIL.

TECHNIQUES WITH EQUIVALENT APPLICATION RATES. APPLY TEMPORARY SEEDING WITH 200 LB/ACRE OF 12-12-12 FERTILIZER AND MULCH WITH

7. ON SLOPES GRADED AT 3:1 OR STEEPER. STRAW MULCH SHALL BE HELD IN PLACE WITH POLYMERIC PLASTIC NET TACKED WITH WIRE STAPLES, OR EQUIVALENT METHOD.

> GRASS MIX APPLIED AT 170 LB/ACRE (4 LB/1000 SQ.FT.) COMPRISED OF THE FOLLOWING: KENTUCKY 31 FESCUE - 95 LB/ACRE PERENNIAL RYEGRASS - 65 LB/ACRE

EROSION CONTROL



PURPOSES ONLY. IF THE LANDSCAPING PLANS AND SPECIFICATIONS CONTAIN INFORMATION

5. APPLY SEEDING WITH 800 LB/ACRE OF 12-12-12 FERTILIZER AND MULCH WITH A CONTINUOUS BLANKET OF STRAW AT A RATE OF 2 TONS/ACRE, OR USE HYDROSEEDING

A CONTINUOUS BLANKET OF STRAW AT A RATE OF 2 TONS/ACRE, OR USE HYDROSEEDING TECHNIQUES WITH EQUIVALENT APPLICATION RATES.

8. SEED MIXTURES AND APPLICATION RATES:

JASPER RED FESCUE - 10 LB/ACRE

EROSION CONTROL SEQUENCING & MAINTENANCE

CONTROL MEASURE	MAINTENANCE	INSTALLATION SEQUENC
STONE ENTRANCE	INSPECT WEEKLY, AFTER STORM EVENTS, AND AFTER HEAVY USE; RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL; TOP-DRESS WITH CLEAN STONE AS NEEDED; REMOVE ALL MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS IMMEDIATELY.	PRIOR TO CLEARING AND GRADING
SILT FENCE	INSPECT AFTER STORM EVENTS; REPAIR ANY AREAS OF DECOMPOSITION OR DAMAGE TO FENCE MATERIAL; REMOVE SEDIMENT AT DEPTH OF ONE HALF FENCE HEIGHT AT LOWEST POINT OR IF FABRIC BULGES; AVOID UNDERMINING DURING CLEAN—OUT.	PRIOR TO CLEARING AND GRADING
EXISTING INLET PROTECTION	WEEKLY, AFTER STORM EVENTS, AND AS NEEDED.	PRIOR TO CLEARING AND GRADING
TEMPORARY TOPSOIL STOCKPILE	DETERMINE DEPTH AND SUITABILITY OF TOPSOIL AT THE SITE. (FOR HELP, CONTACT YOUR LOCAL SWCD OFFICE TO OBTAIN A COUNTY SOIL SURVEY REPORT OR CONSULT WITH A SOIL SCIENTIST.) PRIOR TO STRIPPING TOPSOIL, INSTALL ANY SITE—SPECIFIC DOWN SLOPE PRACTICES NEEDED TO CONTROL RUNOFF AND SEDIMENTATION. REMOVE THE SOIL MATERIAL NO DEEPER THAN WHAT THE COUNTY SOIL SURVEY STOCKPILE THE MATERIAL IN ACCESSIBLE LOCATIONS THAT NEITHER INTERFERE WITH FENCES, STRAW BALES, OR OTHER BARRIERS TO TRAP SEDIMENT (SEE EXHIBIT 3.02—B). (SEVERAL SMALL PILES AROUND THE CONSTRUCTION SITE ARE USUALLY MORE EFFICIENT AND EASIER TO CONTAIN THAN ONE LARGE PILE.) IF SOIL IS STOCKPILED FOR MORE THAN 6 MO., IT SHOULD BE TEMPORARILY SEEDED OR COVERED WITH A TARP OR SURROUNDED BY A SEDIMENT BARRIER.	PRIOR TO CLEARING AND GRADING
TEMPORARY SEEDING	INSPECT PERIODICALLY TO VERIFY ADEQUATE ESTABLISHMENT OF VEGETATIVE STANDS; RESEED AND MULCH AS NEEDED; INSPECT AFTER STORM EVENTS AND REPAIR EROSION DAMAGE; TOP-DRESS FALL SEEDED WHEAT OR RYE SEEDINGS WITH 50 LBS/AC OR NITROGEN IN FEBRUARY OR MARCH IF NITROGEN DEFICIENCY IS APPARENT; WATER AS NEEDED.	AFTER ROUGH GRADING
PERMANENT SEEDING	INSPECT PERIODICALLY AND AFTER STORM EVENTS UNTIL VEGETATIVE STAND IS ESTABLISHED; ADD FERTILIZER AFTER GROWING SEASON PER SOIL TEST RECOMMENDATIONS; REPAIR DAMAGED, BARE, OR SPARSE AREAS BY FILLING, PREPARING THE SEED BED, FERTILIZING, AND/OR SEEDING AND MULCHING.	AFTER FINISH GRADING OF EACH AREA
EROSION CONTROL BLANKET	INSPECT FOR AREAS OF EROSION BELOW THE BLANKET AFTER EACH STORM EVENT; REPAIR AREAS OF EROSION BY REMOVING AFFECTED PORTION OF BLANKET, ADD SOIL, RESEED, RELAY AND STAPLE BLANKET; INSPECT PERIODICALLY AFTER VEGETATION IS ESTABLISHED.	AFTER FINISH GRADING
INLET PROTECTION	INSPECT FABRIC BARRIER AFTER STORM EVENTS AND MAKE NEEDED REPAIRS IMMEDIATELY; REMOVE SEDIMENT FROM THE POOL AREA WHILE AVOIDING DAMAGING OR UNDERCUTTING THE FABRIC.	AFTER EACH INLET IS PLACED
SEED, SOD & LANDSCAPE	KEEP SOD MOIST UNTIL FULLY ROOTED; WATER AS NEEDED.	AFTER FINISHED GRADING
REMOVAL OF INLET PROTECTION	N/A	AFTER ALL TRIBUTARY AREAS A STABILIZED
REMOVAL OF SILT FENCE	N/A	AFTER ALL TRIBUTARY AREAS /

EROSION CONTROL MAINTENANCE SHALL MEET OR EXCEED IDEM REGULATIONS & GUIDANCE.

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Revision

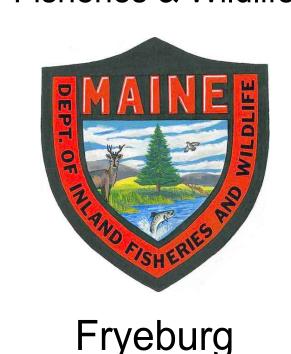
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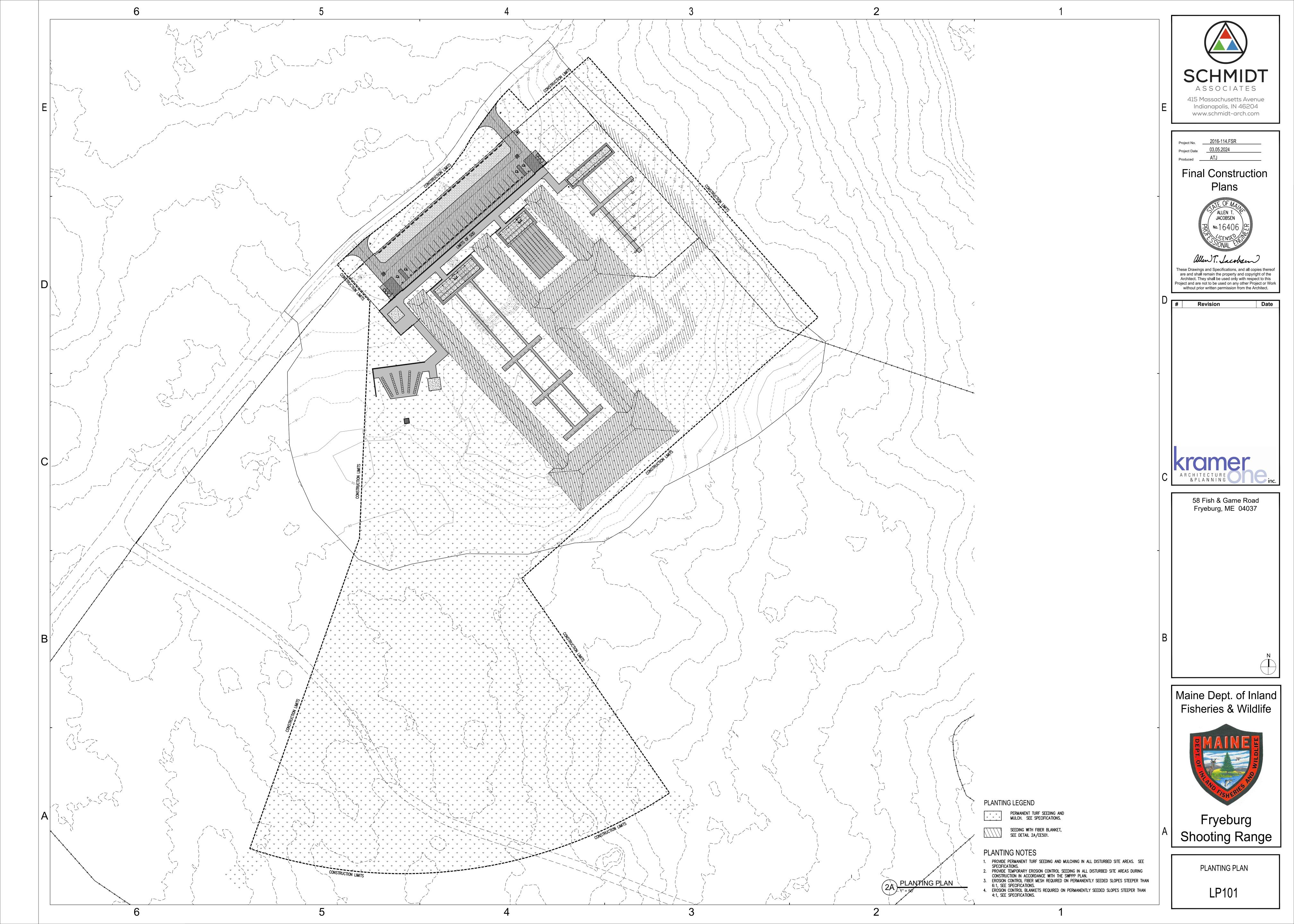
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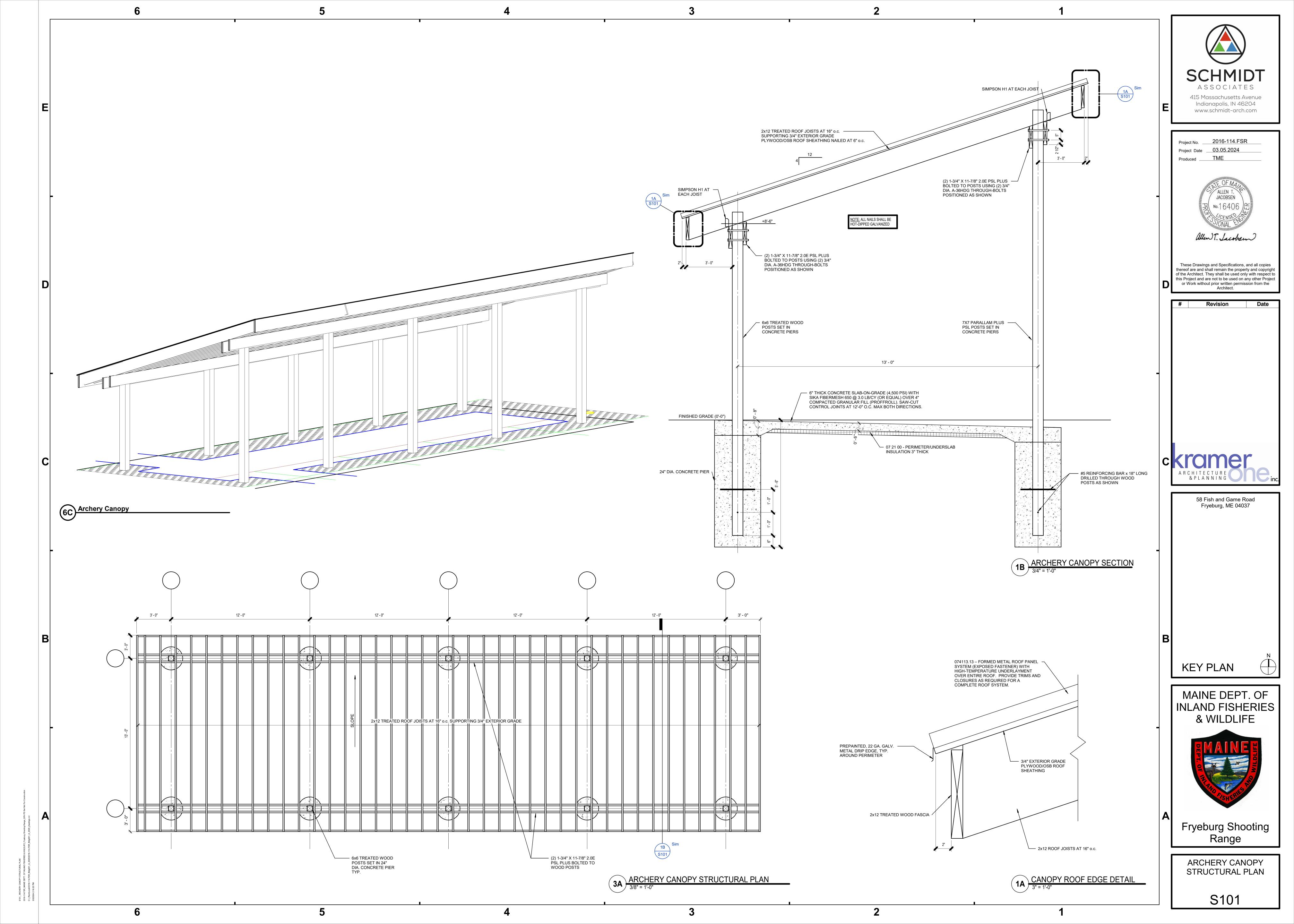
Maine Dept. of Inland Fisheries & Wildlife

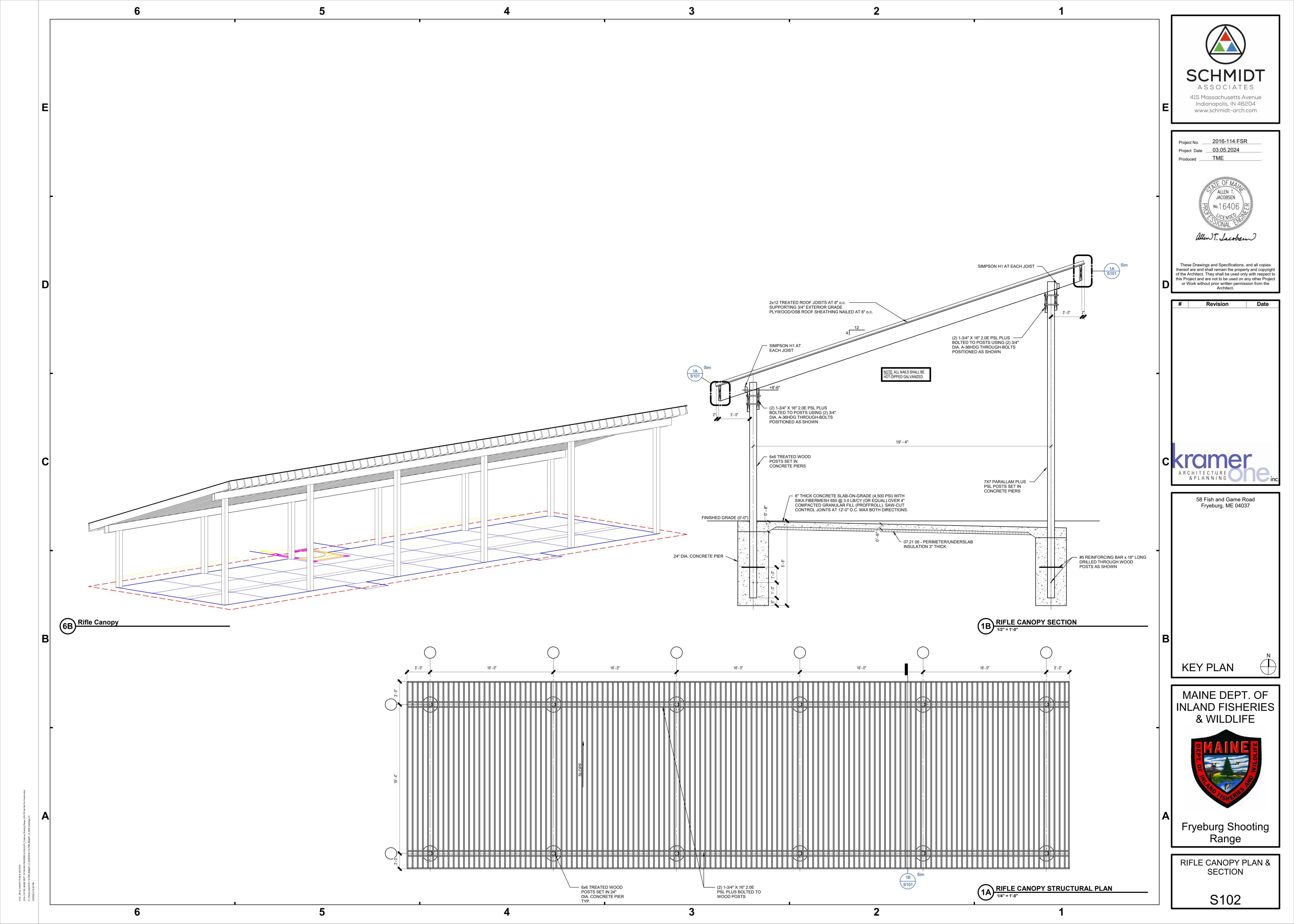


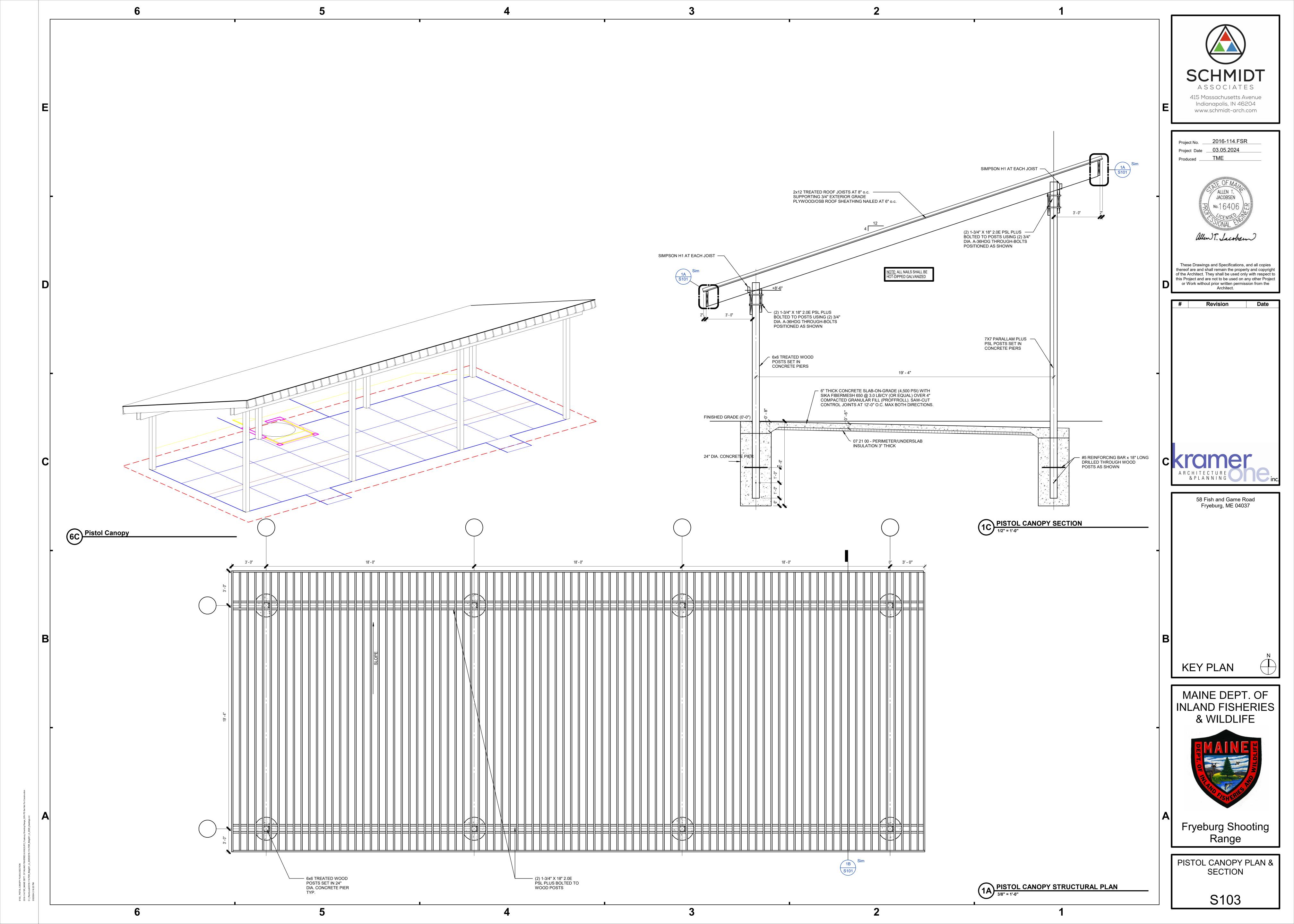
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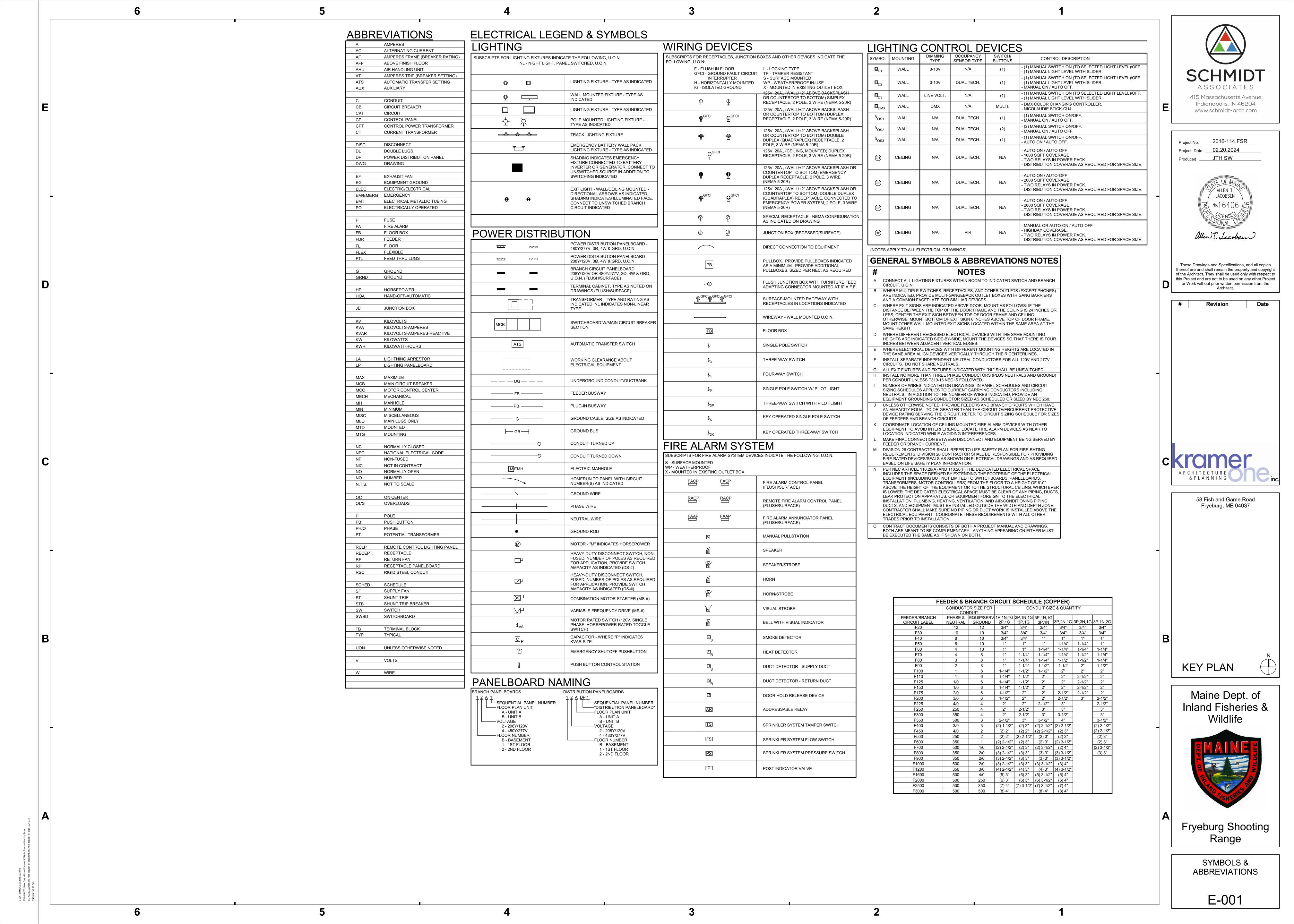
SWPPP NOTES & DETAILS

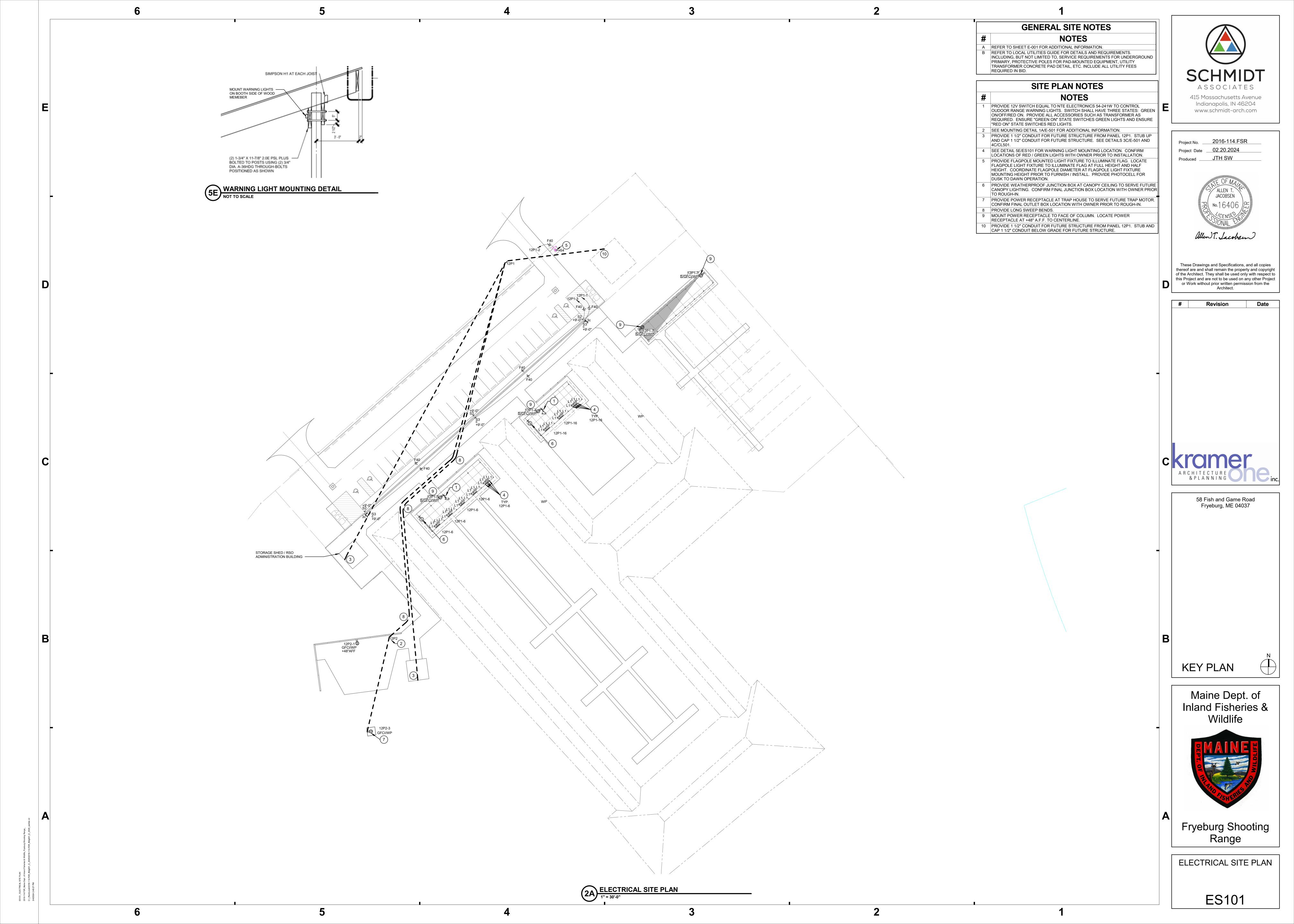


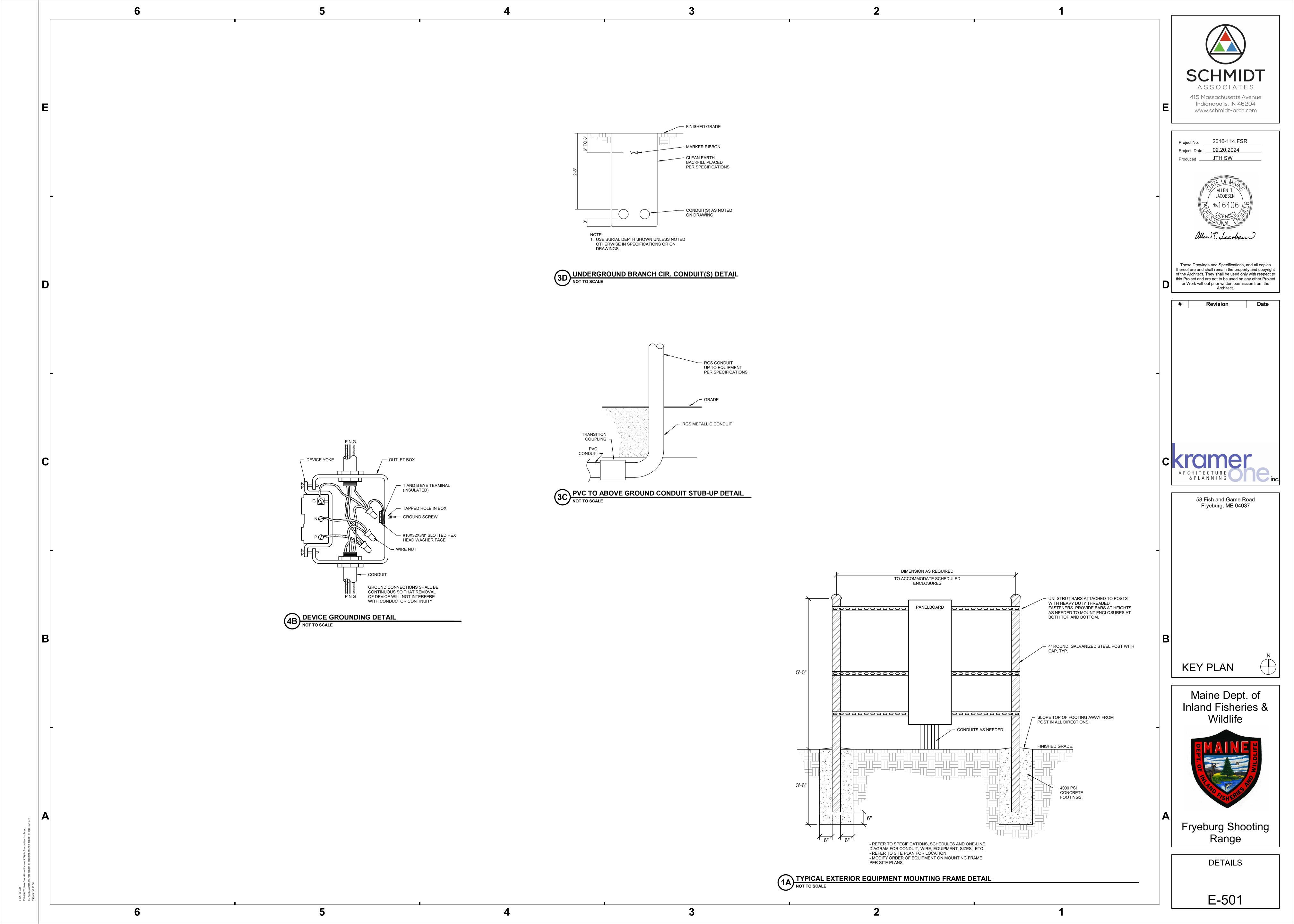


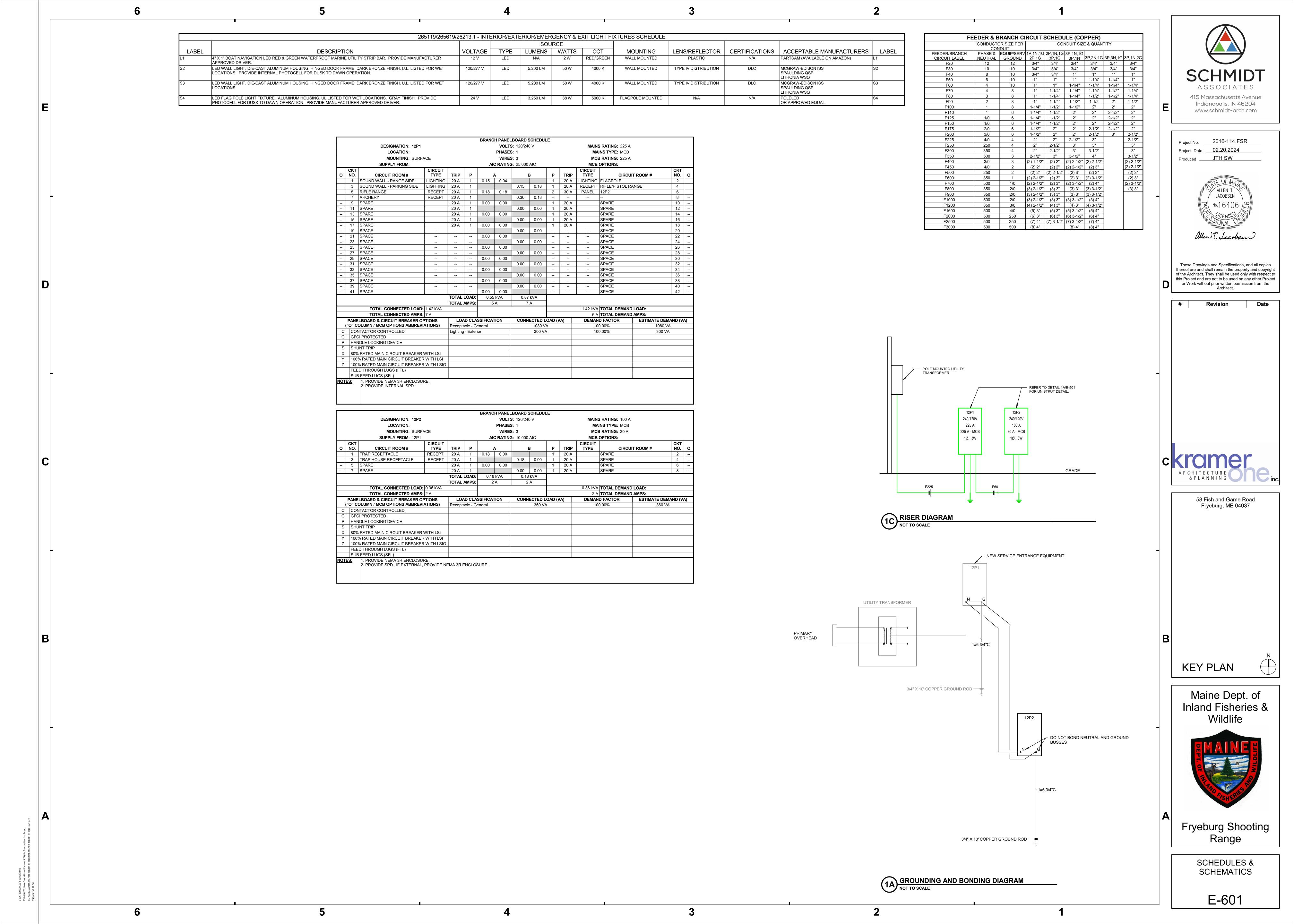












MAIN CROSS-CONNECT (MC) - THE CROSS-CONNECT NORMALLY LOCATED IN THE (MAIN) TELECOMMUNICATIONS EQUIPMENT ROOM (ER) FOR CROSS-CONNECTION AND INTERCONNECTION OF ENTRANCE CABLES, FIRST-LEVEL BACKBONE CABLES, AND EQUIPMENT CABLES. NEAR-END CROSSTALK (NEXT) LOSS - 1. THE UNWANTED SIGNAL COUPLING BETWEEN PAIRS. IT IS MEASURED AT THE END OF A CABLE NEAREST THE POINT OF

TRANSMISSION. CONTRAST WITH FAR-END CROSSTALK. 2. THE SIGNAL TRANSFER BETWEEN CIRCUITS AT THE SAME (NEAR) END OF THE CABLE. NETWORK - A GROUP OF THREE OR MORE NODES THAT CAN COMMUNICATE WITH EACH OTHER, EITHER DIRECTLY THROUGH CABLING OR INDIRECTLY THROUGH

REPEATERS TO SEPARATE CABLING. OUTSIDE PLANT (OSP) - TELECOMMUNICATIONS INFRASTRUCTURE DESIGNED FOR INSTALLATION EXTERIOR TO BUILDINGS.

PAIR - TWO INSULATED WIRES TWISTED AROUND EACH OTHER.

PAIR TWIST - THE UNIFORM TWIST OF AN INSULATED COPPER PAIR THAT HELPS TO REDUCE THE NEGATIVE EFFECTS OF CAPACITANCE IMBALANCE AND ELECTROMAGNETIC INDUCTION.

PATCH CORD - A LENGTH OF CABLE WITH A PLUG ON ONE OR BOTH ENDS.

PATCH PANEL - A CONNECTING HARDWARE SYSTEM THAT FACILITATES CABLE TERMINATION AND CABLING ADMINISTRATION USING PATCH CORDS. PATHWAY - 1. A SEQUENCE OF CONNECTIONS THAT PROVIDES THE CONNECTIVITY BETWEEN DEVICES ON A NETWORK OR BETWEEN NETWORKS ON AN INTERNETWORK. 2. THE VERTICAL AND HORIZONTAL ROUTE OF THE TELECOMMUNICATIONS CABLE. 3. A FACILITY FOR THE PLACEMENT OF

POWER SUM - USED TO SPECIFY A COMBINATION CROSSTALK FROM MULTIPLE SOURCES.

TELECOMMUNICATIONS CABLE. (TIA) 3. A FACILITY FOR THE PLACEMENT OF TELECOMMUNICATIONS CABLE. (TIA)

POWER SUM ATTENUATION-TO-CROSSTALK RATIO - A RATIO IN DB, DETERMINED BY SUBTRACTING THE INSERTION LOSS FROM TH EPOWER SUM NEAR-END CROSSTALK LOSS. (TIA)

POWER SUM EQUAL LEVEL FAR-END CROSSTALK (PSELFEXT) - A COMPUTATION OF THE UNWANTED SIGNAL COUPLING FROM MULTIPLE TRANSMITTERS AT THE NEAR-END INTO A PAIR MEASURED AT THE FAR-END, AND NORMALIZED TO THE RECEIVED SIGNAL LEVEL. (TIA)

POWER SUM NEAR-END CROSSTALK (PSNEXT) LOSS - A COMPUTATION OF THE UNWANTED SIGNAL COUPLING FROM MULTIPLE TRANSMITTERS AT THE NEAR-END INTO A PAIR MEASURED AT THE NEAR-END. (TÍA)

PULL TENSION - THE PULLING FORCE THAT CAN BE APPLIED TO A CABLE. (TIA) PUNCH DOWN - THE PROCESS OF TERMINATING COPPER CABLE CONDUCTORS ON INSULATION DISPLACEMENT CONNECTION TERMINALS BY USE OF A HANDHELD

QUEUING - A TECHNIQUE THAT REDUCES TRANSMISSION DELAYS BY CLASSIFYING AND SORTING DATA PRIOR TO PROCESSING BY THE TRANSMITTING DEVICE.

RACEWAY - ANY ENCLOSED CHANNEL DESIGNED FOR HOLDING WIRES OR CABLES. (TIA) RADIO FREQUENCY INTERFERENCE - ELECTROMAGNETIC INTERFERENCE WITHIN THE FREQUENCY BAND FOR RADIO TRANSMISSION.

RETURN LOSS - A RATIO, EXPRESSED IN DB, OF THE POWER OF THE OUTGOING SIGNAL TO THE POWER OF THE REFLECTED SIGNAL. (TIA)

REVERSED PAIR - A CONDITION IN WHICH THE CONDUCTORS IN A PAIR ARE TERMINATED IN THE WRONG SEQUENCE.

GB - GIGABIT GHZ - GIGAHERTZ

HZ - HERTZ **IBC - INTERCONNECTING BONDING CONDUCTOR**

HC - HORIZONTAL CROSS-CONNECT

IC - INTERMEDIATE CROSS-CONNECT IDC - INSULATION DISPLACEMENT CONNECTION (OR)

IEEE - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, INC.

KB - KILOBIT KB - KILOBYTE KHZ - KILOHERTZ

KM - KILOMETER LEC - LOCAL EXCHANGE CARRIER LAN - LOCAL AREA NETWORK

LASER - LIGHT AMPLIFICATION BY STIMULATED EMISSION OF RADIATION LED - LIGHT-EMITTING DIODE

RGB - RED, GREEN, BLUE

SONET - SYNCHRONOUS OPTICAL NETWORK SPOOL - SIMULTANEOUS PERIPHERAL OPERATION ONLINE TBB - TELECOMMUNICATIONS BONDING BACKBONE

TDMM - TELECOMMUNICATIONS DISTRIBUTION METHODS MANUAL TGB - TELECOMMUNICATIONS GROUNDING BUSBAR

TIA - TELECOMMUNICATIONS INDUSTRY ASSOCIATION TMGB - TELECOMMUNICATIONS MAIN GROUNDING BUSBAR

TR - TELECOMMUNICATIONS ROOM UTP - UNSHIELDED TWISTED PAIR

VCSEL - VERTICAL CAVITY SURFACE EMITTING LASER

VGA - VIDEO GRAPHICS ARRAY VOD - VIDEO-ON-DEMAND VOIP - VOICE OVER INTERNET PROTOCOL

WLAN - WIRELESS LOCAL AREA NETWORK X - CROSS-CONNECT

WAP - WIRELESS ACCESS POINT

SEE PROJECTOR PROJECTOR SEE T-SERIES CEILING-MOUNT PROJECTOR **CEILING PAN** DRAWINGS FOR PAN DETAIL LOCATIONS (2) 1 1/4" CONDUIT WALL-MOUNT PROJECTOR (1) 2-GANG BOX

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Revision

Fryeburg, ME 04037

58 Fish and Game Road

KEY PLAN

Maine Dept. of



Fryeburg Shooting

TELECOMMUNICATIONS SYMBOLS AND **ABBREVIATIONS**

