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ITEM 1—90 US Route 1 Bypass—Major Site Plan — Final Review

Action: Approve plan or continue review. Geoff Aleva, on behalf of owner/applicants 90 US Route 1 LLC, requests approval to develop a hotel with 62 rooms and associated parking and utilities on the property of 90 US Route 1, Tax Map 14, Lot 2, in the Bypass-Old Post Road Commercial (C-3) Zone.

Town of Kittery

Planning Board Meeting

May 23, 2024

PROCESS SUMMARY

REQ'D	ACTION	COMMENTS	STATUS
NO	Sketch Plan Acceptance/Approval	8/10/23	Accepted
YES	Planning board determination of completeness	2/8/24	Accepted
NO	Site Visit	2/20/24	Held
YES	Public Hearing	3/14/24	Held
YES	Preliminary Plan Approval	3/14/24	Approved
YES	Final Plan Review and Decision	Scheduled for 5/23/24	Pending

Applicant: Prior to the signing of the approved Plan any Conditions of Approval related to the Findings of Fact along with waivers and variances (by the BOA) must be placed on the Final Plan and, when applicable, recorded at the York County Registry of Deeds. PLACE THE MAP AND LOT NUMBER IN 1/4" HIGH LETTERS AT LOWER RIGHT BORDER OF ALL PLAN SHEETS. As per Section 16.4.4.L -Grading/Construction Final Plan Required. - Grading or construction of roads, grading of land or lots, or construction of buildings is prohibited until the original copy of the approved final plan endorsed has been duly recorded in the York County registry of deeds when applicable.

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OTHER PERMITS AND REQUIREMENTS

- DOT Traffic approval for work on Route 1.
- State Fire Marshal NFPA #13 fire protection system approval.
- DEP construction permitting and site review.
- Coordination with Water District to provide water main expansion.
- Building permit from Code Enforcement

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PROJECT INTRODUCTION

This is the final review of a new 62-room hotel on the property of 90 US Route 1. Previously the site of the now demolished Little Guest House Motel, the lot currently contains a parking area with driveways providing access to the Route 1 Bypass, as well as existing woodlands on the eastern portion of the lot. The lot abuts various commercial properties across the Route 1 right-of-way. From the site, Old Post Road leads to Legion Pond southward and commercial businesses along the Kittery Traffic Circle northward.

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The applicant proposes developing the property into a 3-story hotel with 62 rooms and associated parking and utilities. Access would be provided through a new single driveway along the Route 1

Bypass. The plan would add a sidewalk along the entire frontage of Old Post Road and maintain the existing tree lines between abutting properties to the greatest extent possible.

The planning board accepted the preliminary site plan as complete on February 8th, then scheduled a site walk for February 20th and a public hearing on March 14th. After holding the public hearing, the planning board approved the preliminary site plan application during the same meeting. Since preliminary approval, the applicant has resubmitted a final site plan application responding to public input and comments from the third-party engineer review. The review engineer and Technical Review Committee are satisfied with the resubmission, with only a few comments minor enough to be addressed before plan recording.

Staff recommend final plan approval at this time.

WAIVERS REQUESTED

- 1. Utility lines aboveground: utilities are required to be built underground in the C-3 zone, although the planning board has the authority to allow alternatives to this. There are three above ground electric utility poles current on the site. The applicant plans to remove 2 of them and relocate one closer to Old Post Road. Underground utilities will be connected from the single remaining utility pole. The applicant states one pole is required to route CMP power lines to the property.
- 2. Parking dimension modifications: the applicant is requesting to reduce the length of all parking spaces from 19 feet to 18 feet, to allow more room for landscaping in the parking lot.
 - a. During sketch review, the planning board requested more landscaping in the parking lot, and indicated they would entertain a reduction in the size of parking spaces to facilitate this. The planning board again expressed they were amenable to this during the public hearing.

STAFF COMMENTS

Listed below are additional comments provided by staff in addition to general review of standards:

- 1. Following feedback from abutters at the public hearing, the applicant has added a 6-foot vinyl stockade fence between the hotel and an abutting single-family residence on 103 Old Post Road. This is in addition to the proposed vegetative screening and existing mature vegetation.
- 2. The third-party engineer review said sewer and water capacity had to be confirmed by the applicant. Confirmation was provided at preliminary review. The Water and Wastewater Departments provided verbal confirmation at the Technical Review Committee meeting that capacity confirmation has not changed since preliminary approval.
- 3. The Kittery Water District has identified Route 1 and the Bypass as a priority area to upgrade the size of the current water main. The Water District and applicant have been collaborating on a cost-sharing agreement to upgrade the portion of the road along 90 Route 1. Staff suggest a condition of approval tying certificate of occupancy to the completion of said water main expansion.

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- 4. The plan originally proposed a second driveway on Old Post Road, to be accessed by service vehicles only. Following feedback from the planning board, the applicant has removed the service vehicle driveway on Old Post Road. The only proposed access area is now along the Route 1 Bypass, in roughly the same area as the existing driveway.
- 5. The applicant is proposing sidewalks along the frontage of Old Post Road, and not the Route 1 Bypass. Public Works would rather have the applicant provide pedestrian access along Old Post Road to avoid confusion regarding maintenance responsibilities, as Route 1 is a state road and not the authority of the Town.
- 6. Fire staff requested that any trees planted along the perimeter of the building be ornamental. They are worried that if the planted trees grow too large, it could impede fire truck access in the future.
- 7. The traffic impact study proposes to clear shrubbery to the left of the entrance onto Route 1 bypass to improve sight lines.
- 8. The traffic impact study shows a calculated peak hours of less than 100, meaning a Traffic Movement Permit is not required by the MDOT.

PROJECT ANALYSIS

Staff reviewed the application and provided materials and have provided their determination on the requirements and standards below. All requirements that have not been met or require further discussion are highlighted.

Code Ref.	§16.4 Land Use Zone Standards		
	Standard	Determination	
§16.4.21.B/C.	Permitted/Special Exception Uses	The proposed use is permitted	
§16.4.21.E.(2).(a).	Lot size: 40,000 sq ft. minimum	It appears the standard is satisfied.	
§16.4.21.E.(2).(b).	Street frontage: no requirements in C-3 Zone	It appears the standard is satisfied.	
§16.4.21.E.(2).(c).	Front setback: this lot has two "front yards:" • 15 ft maximum along Route 1 Bypass 15 ft minimum along Old Post Road	It appears both standards are satisfied.	
§16.4.21.E.(2).(d).	Rear and side setbacks: 10 ft minimum. NOTE: side yard setback is 15 ft minimums where property abuts residential structures	It appears the standard is satisfied.	
§16.4.21.E.(2).(e).	Building height: 40 ft maximum NOTE: structures along Old Post Road may not exceed 25 ft building heights within a 30 ft setback from Old Post Road	It appears both standards are satisfied.	
§16.4.21.E.(2).(f).	Imperious surface: 70% maximum for currently developed lots	It appears the standard is satisfied.	

§16.4.21.E.(2).(m)	Underground utilities required	The applicant is requesting a modification to allow one utility pole to remain, explained above. Otherwise, the standard appears met.
§16.4.21.E.(3).(a).	 Parking standards: parking areas must be visually screened when abutting residential properties. Parking spaces must have a dimension of 19' x 9' 	The applicant is proposing plantings along the parking lot in conjunction with existing vegetation that will remain. The applicant is requesting a waiver for the parking spaces not meeting the dimensional requirement. Otherwise, the standard appears to be satisfied.
§16.4.21.E.(3).(b).	Loading docks and overhead doors must be located on the side of rear of the building with visual screening from view from adjacent residential properties.	All loading docks and overhead doors appear to be screened by landscaping on the side of the building. The standard appears to be satisfied.
§16.4.21.E.(3).(c).[2].	 Landscaping improvements include: A minimum 15 ft vegetated landscape planter strips between the lot and adjacent rights-of-way. One street tree for every 50 feet of street frontage 	The standard appears to be met. The Route 1 ROW has a planter strip along the majority of the frontage, except for the portion where the building directly faces the road. At preliminary review, the planning board determined the proposed vegetative screening met the intent and purpose of the ordinance and could be approved without any requested modifications.

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§16.4.21.E.(3).(d).	Traffic circulation standards: sidewalks are required internally and along the entire portion of the lot facing Old Post Road.	The standard appears to be satisfied.
§16.4.21.E.(3).(e).	Open Space standards: 20% minimum. Designated open space areas must be notated on the plan	The standard appears to be satisfied.
Code Ref.	§16.5 Performance Standards	
Code Rei.	Standard	Determination
§16.5.10	Essential Services	Wastewater and Water District staff have both confirmed sufficient capacity for the entire proposed development. The applicant will work out the details of the water main expansion described above as a condition of approval.
§16.5.25	Sprinkler Systems are required in all hotels and buildings of three or more stories.	Sprinkler systems must meet NFPA standards for the entire structure, including any hotel canopy.
§16.5.27	Street Standards: sidewalks are required along the entire ROW for Old Post Road	The plan proposes sidewalks connecting the hotel to Old Post Road.
§16.7.11.F.(e).	Minimum parking spaces is determined by: • 62 spaces for 62 rooms • 2 spaces for 193 sq ft of meeting area Total: 64 spaces required.	With 66 spaces proposed, the plan appears to exceed minimum requirements. The plan appears to meet ADA space requirements

§13.1.6.5/§13.1.6.6	Sewer impact fee: \$62,000 Sewer entrance fee: \$3,000 Total: \$65,000	This is an estimation performed by the Code Enforcement Office as a courtesy to the applicant. Fees will be confirmed as part of the permitting process.
Code Ref.	§16.7.10 Preliminary Site Plan Requirements	
	Standard	Determination
§16.7.10.C.(4).(a-i).	 Paper plan sheets no smaller than 11" x 17" Scale of drawing no greater than 1 inch = 30 feet Code block in right-hand corner Standard boundary survey of existing conditions Compass with arrow pointing true north Locus map of property Vicinity map and aerial photograph Surveyed acreage of parcel(s), rights-ofway, wetlands, and amount of street frontage Names and addresses of owners of record abutting property 	Provided
§16.7.10.C.(4).(j).	Existing conditions survey including all identified structures, natural resources, rights-of-way, and utilities located on and within 100 feet of the property.	Provided
§16.7.10.C.(4).(k).	 Proposed development area including: Location and detail of proposed structures and signs Proposed utilities including power, water, and sewer. Sewage facilities type and placement. Domestic water source Lot lines, rights-of-way, and street alignments Road and other paved area plans Existing and proposed setbacks Storage areas for waste or hazardous materials Topographic contours of existing contours and finished grade elevations 	Provided

	Locations and dimensions of artificial features such as pedestrian ways, sidewalks, curb cuts, driveways, fences, retaining walls,	
§16.7.10.C.(4).(I).	Natural features or site elements to be preserved.	Provided
§16.7.10.C.(4).(m).	Identified property encumbrances.	Provided
§16.7.10.C.(4).(n).	Kittery Water District approval letter.	Provided
§16.7.10.C.(4).(o).	Erosion and sedimentation control plan.	Provided
§16.7.10.C.(4).(p).	Stormwater management plan and drainage analysis.	Provided
§16.7.10.C.(4).(q).	Soil survey.	Provided
§16.7.10.C.(4).(r).	Vehicular traffic report.	Provided
§16.7.10.C.(4).(s).	Traffic impact analysis.	Provided
§16.7.10.C.(4).(t).	Test pit analysis.	Not applicable
§16.7.10.C.(4).(u).	Approval letter from Town sewage.	Provided
§16.7.10.C.(4).(v).	Evaluation of development by Technical Review Committee department heads.	Provided
§16.7.10.C.(4).(w).	Additional submissions as required:	None identified at this time
§16.7.10.D.(3).(a-l).	 Additional final plan requirements including: Proposed streets, pedestrian ways, lots, easements, and areas dedicated to public use Location of any markers or permanent monuments Location and description of all structures, including signs. Floor plans and elevations of principal structures Building materials and colors Fences, retaining walls, and other artificial features. Stormwater management plan and drainage 	Provided

§16.7.10.D.(3).(g).	 Outdoor lighting and signage plan showing: All buildings, parking areas, driveways, services areas, proposed exteriors and snow storage areas All proposed lighting fixture specifications Photometric data, including cutoff fixtures and color rendering index Mounting height of all external lights Lighting analysis of proposed installation to show minimum, maximum, and average luminance 	Provided
§16.7.10.D.(3).(g).[1].	Snow storage areas.	Provided
§16.7.10.D.(3).(h).	Locations of machinery in permanently installed locations likely to cause noise along lot lines.	Provided
Storage areas for materials (raw, finished, or waste), and list of any types of toxic/hazardous materials stored on-site.		Provided
§16.7.10.D.(3).(j).	Location of fences, retaining walls, and other artificial features	Provided
§16.7.10.D.(3).(k). Landscaping plan including location, size, a type of plan material		Provided
§16.7.10.D.(3).(I).	Stormwater management plan for stormwater and other surface water drainage	Provided

DISCUSSION, NEXT STEPS, AND RECOMMENDATIONS

The purpose of final review is for the planning board to see an application in its entirety, incorporate feedback from the public, and further solidify their stance on any requested modifications to standards. The proposed landscaping improvements to the now empty lot, addition of sidewalks on Old Post Road, and expansion of the water main on the Route 1 Bypass would provide a number of positive impacts to both the property and the public. Staff believe the requested modifications are within the authority of the planning board and believe final approval is warranted at this time.

RECOMMENDED MOTIONS

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Below are recommended motions for the Board's use and consideration:

Motion to approve the application

108 Move to approve the final site plan by Geoff Aleva, on behalf of owner/applicants 90 US Route 109 1 LLC

Kittery Planning Board Findings of Fact For 90 US Route 1 Bypass Site Plan Review

Note: This approval by the Planning Board constitutes an agreement between the Town and the Developer incorporating the Development plan and supporting documentation, the Findings of Fact, and all waivers and/or conditions approved and required by the Planning Board.

WHEREAS: Geoff Aleva, on behalf of owner/applicants 90 US Route 1 LLC, requests approval to develop a hotel with 62 rooms and associated parking and utilities on the property of 90 US Route 1, Tax Map 14, Lot 2, in the Bypass-Old Post Road Commercial (C-3) Zone.

Pursuant to the Plan Review meetings conducted by the Planning Board as noted in the Plan Review Notes dated 5/16/24.

REQ'D	ACTION	COMMENTS	STATUS
NO	Sketch Plan	8/10/23	Accepted
YES	Completeness/Accepta nce	2/8/24	Accepted
NO	Site Visit	2/20/24	Held
YES	Public Hearing	3/14/24	Held
YES	Preliminary Plan Approval	3/14/24	Approved
YES	Final Plan Approval	Scheduled for 5/23/24	Approved

Pursuant to the application and plan and other documents considered to be a part of a plan review decision by the Planning Board in this Finding of Fact consisting of the following (hereinafter the "Plan"):

- 1. Final site plan application received 4/19/24 from Geoff Aleva of Civil Consultants.
- 2. Stormwater Management Report received 4/19/24 from Geoff Aleva of Civil Consultants.

NOW THEREFORE, based on the entire record before the Planning Board and pursuant to the applicable standards in the Land Use and Development Code, the Planning Board makes the following factual findings and conclusions:

Chapter 16.7 GENERAL DEVELOPMENT REQUIREMENTS

16.7.10.D.(5).(b). Findings of Fact

Action by the Board shall be based upon findings of fact which certify or waive compliance with all the required standards of this title, and which certify that the development satisfies the following requirements:

Development Conforms to Local Ordinances.

Standard: The proposed development conforms to a duly adopted comprehensive plan as per adopted provisions in the Town Code, zoning ordinance, subdivision regulation or ordinance, development plan or land use plan, if any. In making this determination, the municipal reviewing authority may interpret these ordinances and plans.

Finding: The proposed development conforms to the requirements listed in Title 16 For the relevant Commercial Zone.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Water Supply Sufficient.

Standard: The proposed development has sufficient water available for the reasonably foreseeable needs of the development.

Finding: The proposed development has received confirmation from the Kittery Water District that sufficient capacity exists to service all water and fire suppression needs.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Sewage Disposal Adequate.

Standard: The proposed development will provide for adequate sewage waste disposal and will not cause an unreasonable burden on municipal services if they are utilized.

Finding: The proposed development has received confirmation from the Town Wastewater Department confirming sufficient capacity for anticipated wastewater needs.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Stormwater Managed.

Standard: The proposed development will provide for adequate stormwater management.

Finding: The proposed development necessitated a stormwater management system which was reviewed by the Town's peer review engineering firm and found to be satisfactory.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Traffic Managed.

Standard: The proposed development will:

[a] Not cause unreasonable highway or public road congestion or unsafe conditions with respect to the use of the highways or public roads existing or proposed; and

[b] Provide adequate traffic circulation, both on-site and off-site.

Finding: The proposed development generated enough traffic to require a relevant impact study. The study proposed to improve sight lines along the property to ensure the use would not have an adverse impact to traffic to the abutting rights-of-way.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Parking and Loading.

Standard: Provisions have been made for safe internal vehicular circulation, loading and service areas, and parking associated with the proposed development.

Finding: The proposed development exceeds parking requirements.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Utilities.

Standard: The size, type, and locations of all public utilities and private utilities to serve the proposed development will be installed per accepted engineering practices

Finding: The utility plan has been found satisfactory after third-party engineer review. The applicant will work with the Water District to upsize the water line and ensure adequate capacity before occupancy is granted.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Erosion controlled.

Standard: The proposed development will not cause unreasonable soil erosion or a reduction in the land's capacity to hold water so that a dangerous or unhealthy condition results.

Finding: The proposed development will be required to provide erosion and sedimentation controls during construction and the approved stormwater management system will control the stormwater on-site.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Groundwater protected.

Standard: The proposed development will not, alone or in conjunction with existing activities, adversely affect the quality or quantity of groundwater.

Finding: It appears the proposed development will not cause any unreasonable adverse effects of the quantity or quality of groundwater.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Freshwater wetlands identified.

Standard: All freshwater wetlands within the project area have been identified on any maps submitted as part of the application, regardless of the size of these wetlands.

Finding: There are no freshwater wetlands on the site.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

River, stream or brook identified.

Standard: Any river, stream or brook within or abutting the proposed project area has been identified on any maps submitted as part of the application. For purposes of this section, "river, stream or brook" has the same meaning as in 38 M.R.S. § 480-B, subsection 9. Municipal solid waste disposal available. The proposed development will not cause an unreasonable burden on the municipality's ability to dispose of solid waste, if municipal services are to be used.

Finding: It appears that a stream does not exist in or abutting the property within 75 feet.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Water body quality and shoreline protected.

Standard: Whenever situated entirely or partially within 250 feet of any wetland, the proposed development will not adversely affect the quality of that body of water or unreasonably affect the shoreline of that body of water. Flood areas identified and development conditioned. All flood-prone areas within the project area have been identified on maps submitted as part of the application. Water and air pollution minimized. The proposed development will not result in undue water or air pollution. In making this determination, the following must be considered:

- [a] Elevation of the land above sea level and its relation to the floodplains;
- [b] Nature of soils and subsoils and their ability to adequately support waste disposal;
- [c] Slope of the land and its effect on effluents;
- [d] Availability of streams for disposal of effluents;
- [e] Applicable state and local health and water resource rules and regulations; and
- [f] Safe transportation, disposal and storage of hazardous materials.

Finding: It appears that the proposed development will not adversely affect the quality of any water or wetland body.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Aesthetic, cultural and natural values protected.

Standard: The proposed development will not have an undue adverse effect on the scenic or natural beauty of the area, aesthetics, historic sites, significant wildlife habitat identified by the Department of Inland Fisheries and Wildlife or the municipality, or rare and irreplaceable natural areas, or any public rights for physical or visual access to the shoreline.

Finding: The proposed development does not appear to have an adverse effect on aesthetic, cultural and natural values as described in the standard.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Environmental considerations.

Standard: The proposed development will not result in undue levels of lighting, noise, vibrations, smoke, heat, glare, fumes, dust, toxic matter, odors, or electromagnetic interference.

Finding: The proposed development will not produce any adverse effects that would cause undue environmental degradation. Existing mature vegetation will be preserved to the greatest practical extent, and the added vegetation provided by the proposed landscaping will reduce sediment runoff of the area.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Utilization of the site.

Standard: The proposed development does reflect the natural capabilities of the site to support development.

Finding: It appears that the proposed development is designed in a manner that respects the natural capabilities of the lot.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Developer financially and technically capable.

Standard: Developer is financially and technically capable to meet the standards of this section.

Finding: It appears the developer is financially and technically capable of executing the project. A cost estimate and performance guarantee will be provided to Planning Staff prior to any permitting.

Conclusion: This standard appears to be met.

Vote of _ in favor _ against _ abstaining

Based on the foregoing Findings, the Kittery Planning Board finds the applicant has satisfied each of the review standards for approval and, therefore, the Kittery Planning Board hereby grants final approval for the Development at the above referenced property, including any waivers granted or conditions as noted.

Waivers:

- 1. Modification of underground utility line requirements to allow for a single electric utility pole to route Central Maine Power lines to the property.
- 2. Modification of the length of all parking spaces from 19 feet to 18 feet to provide more room for landscaping of the parking area.

<u>Conditions of Approval</u> (to be included as notes on the final plan in addition to the existing notes):

- 1. The applicant will coordinate with the Kittery Water District to facilitate a water main expansion along the Route 1 Bypass in the vicinity of the proposed development. The property owner, 90 US Route 1 LLC, will provide the Kittery Water District a third of the estimated cost of the water main expansion (\$18,000) and coordinate with the utility to ensure adequate water capacity before occupancy can be issued to the approved hotel on 90 US Route 1 Bypass.
- 2. Without prior approval, no changes, erasures, modifications or revisions may be made to any Planning Board approved final plan.
- 3. Applicant/contractor will follow Maine DEP Best Management Practices for all work associated with site and building construction to ensure adequate erosion control and slope stabilization.
- 4. Prior to the commencement of grading and/or construction within a building envelope, as shown on the Plan, the owner and/or developer must stake all corners of the envelope. These markers must remain in place until the Code Enforcement Officer determines construction is completed and there is no danger of damage to areas that are, per Planning Board approval, to remain undisturbed.
- 5. All Notices to Applicant contained in the Findings of Fact (dated: <u>5/23/24</u>).

Conditions of Approval (Not to be included as notes on the final plan):

1. <u>Incorporate any plan revisions on the site plan as recommended by Staff, Planning Board, or Peer Review Engineer, and submit for Staff review prior to endorsement and recording of the plan.</u>

Notices to Applicant:

- 1. Prior to the release of the signed plans, the applicant must pay all outstanding fees associated with review, including, but not limited to, Town Attorney fees, peer review, newspaper advertisements and abutter notification.
- 2. State law requires all subdivision and shoreland development plans, and any plans receiving waivers or variances, be recorded at the York County Registry of Deeds within 90 days of the final approval.
- 3. One (1) paper copy of the final recorded plan and any and all related state/federal permits or legal documents that may be required, must be submitted to the Town Planning Department. Date of Planning Board approval shall be included on the final plan in the Signature Block.
- 4. This approval by the Town Planning Board constitutes an agreement between the Town and the Developer, incorporating the Plan and supporting documentation, the Findings of Fact, and any Conditions of Approval.

The Planning Board authorizes the Planning Board Chair, or Vice Chair, to sign the Final Plan and the Findings of Fact upon confirmation of compliance with any conditions of approval.

Vote of _ in favor _ against _ abstaining

APPROVED BY THE KITTERY PLANNING BOARD ON <u>5/23/24</u>

Dutch Dunkelberger, Planning Board Chair

Per Title 16.2.12.B(1) - An aggrieved party with legal standing may appeal a final decision of the Planning Board to the York County Superior Court in accordance with Maine Rules of Civil Procedures Section 80B, within forty-five (45) days from the date the decision by the Planning Board was rendered.

REDEVELOPMENT PLAN OF LAND OF 90 US ROUTE 1, LLC

(MAP 14, LOT 2) KITTERY, MAINE

PREPARED FOR: 90 US ROUTE 1, LLC PO BOX 630 KITTERY, ME 03904

HOTEL ARCHITECT:

SILVESTRI ARCHITECTS, PC 1321 MILLERSPORT HWY

AMHERST, NY 14221

LANDSCAPE ARCHITECT:

SCOTT STRYNAR #3148 LANDSCAPE ARCHITECT, LLC 98 MEEHAN LANE NORTH BERWICK, ME 03906

THE PLANNING BOARD AT THE MARCH 14, 2024 MEETING APPROVED THE FOLLOWING WAIVERS:

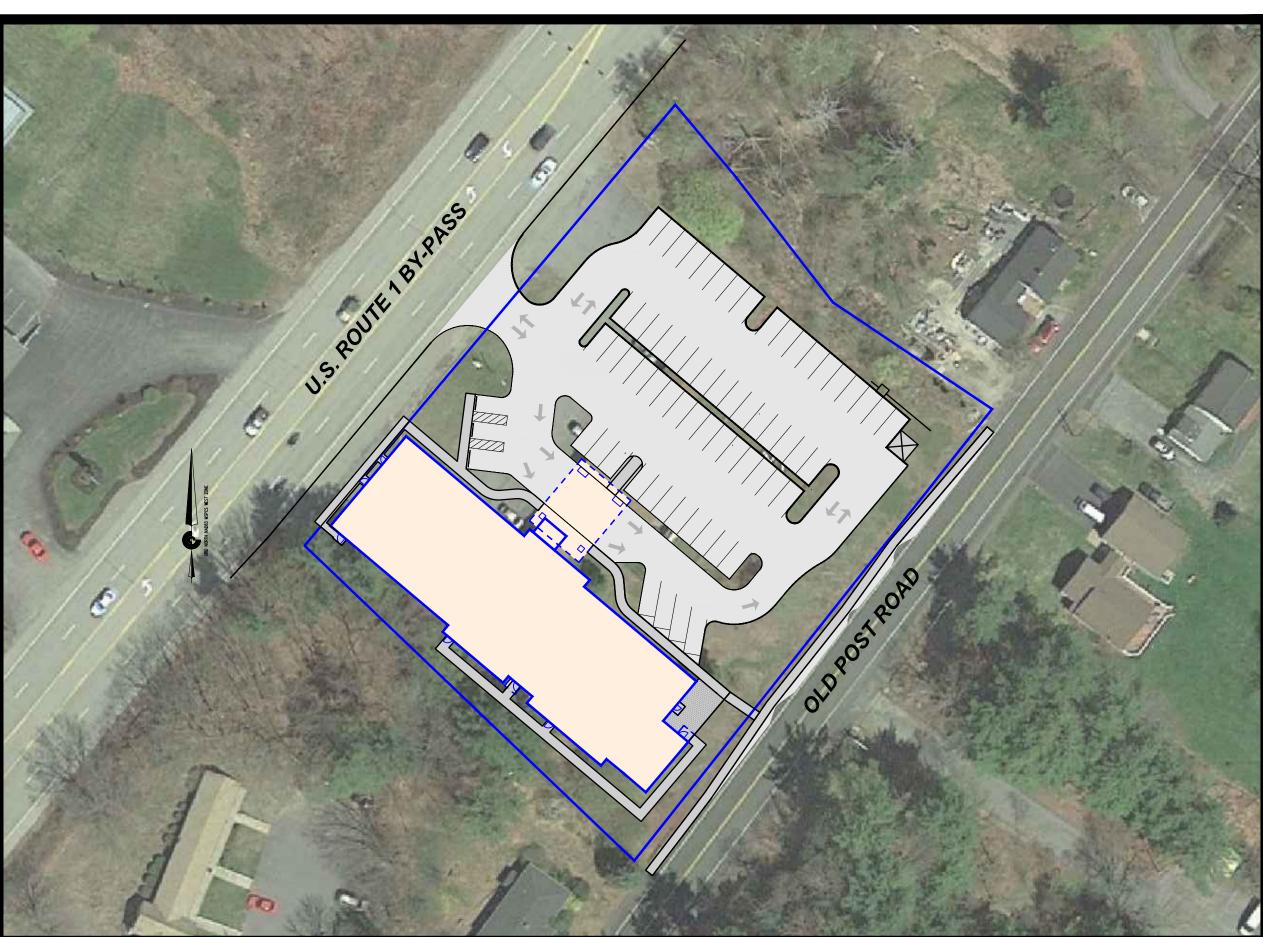
16.7.11.F.(4)(i)[1]: EACH ACCESSIBLE PARKING SPACE MUST CONTAIN A RECTANGULAR AREA AT LEAST 19 FEET LONG AND EIGHT FEET WIDE WITH ACCESS TO A DESIGNATED AND MARKED FIVE-FOOT-WIDE AISLE.

16.7.11.F.(4)(n)TABLE 2: ALLOW REDUCED STALL DEPTH TO 18' INSTEAD OF 19'.

CONDITIONS OF APPROVAL:

THE PLANNING BOARD AT THE MARCH 14, 2024 MEETING APPROVED THE PROJECT WITH THE FOLLOWING CONDITIONS.

- 1. NO CHANGES, ERASURES, MODIFICATIONS OR REVISIONS MAY BE MADE TO ANY PLANNING BOARD APPROVED FINAL PLAN. (16.7.12.C)
- 2. APPLICANT / CONTRACTOR SHALL FOLLOW MAINE DEP BEST MANAGEMENT PRACTICES FOR ALL WORK ASSOCIATED WITH THE SITE AND BUILDING CONSTRUCTION TO ENSURE ADEQUATE EROSION CONTROL AND SLOPE STABILIZATION.
- 3. PRIOR TO THE COMMENCEMENT OF GRADING AND/OR CONSTRUCTION WITHIN A BUILDING ENVELOPE, AS SHOWN ON THE PLAN, THE OWNER AND OR DEVELOPER MUST STAKE ALL CORNERS OF THE ENVELOPE. THESE MARKERS MUST REMAIN IN PLACE UNTIL THE CODE ENFORCEMENT OFFICER DETERMINES CONSTRUCTION IS COMPLETED AND THERE IS NOT DANGER OF DAMAGE TO AREAS THAT ARE, PER PLANNING BOARD APPROVAL, TO REMAIN UNDISTURBED.
- 4. ALL NOTICES TO APPLICANT CONTAINED IN THE FINDINGS OF FACT: DATED MARCH 14, 2024.



PROPOSED LAYOUT

<u>OWNER:</u> 90 US ROUTE 1, LLC PO BOX 630 KITTERY, ME 03904 CIVIL CONSULTANTS CIVIL ENGINEER: P.O. BOX 100 293 MAIN STREET SOUTH BERWICK, ME 03908 PLAN INDEX: BOUNDARY/EXISTING CONDITIONS PLAN EXISTING CONDITIONS PLAN PROPOSED SITE PLAN CONSTRUCTION DETAILS CONSTRUCTION DETAILS L4 NOTES DEM DEMOLITION PLAN UTILITY PLAN U1 E1 EMERGENCY VEHICLE TURNING PLAN LP1 LANDSCAPE PLAN LP2 LANDSCAPE DETAILS 12 LL1 SITE LIGHTING PLAN 13 LL2 LIGHTING DETAILS 14-17 A201-A204 ARCHITECTURAL ELEVATION PLANS 18-21 A101-A104 ARCHITECTURAL FLOOR PLANS



CIVIL CONSULTANTS P.O. Box 100 South Berwick

NEK: TE 1 LLC				
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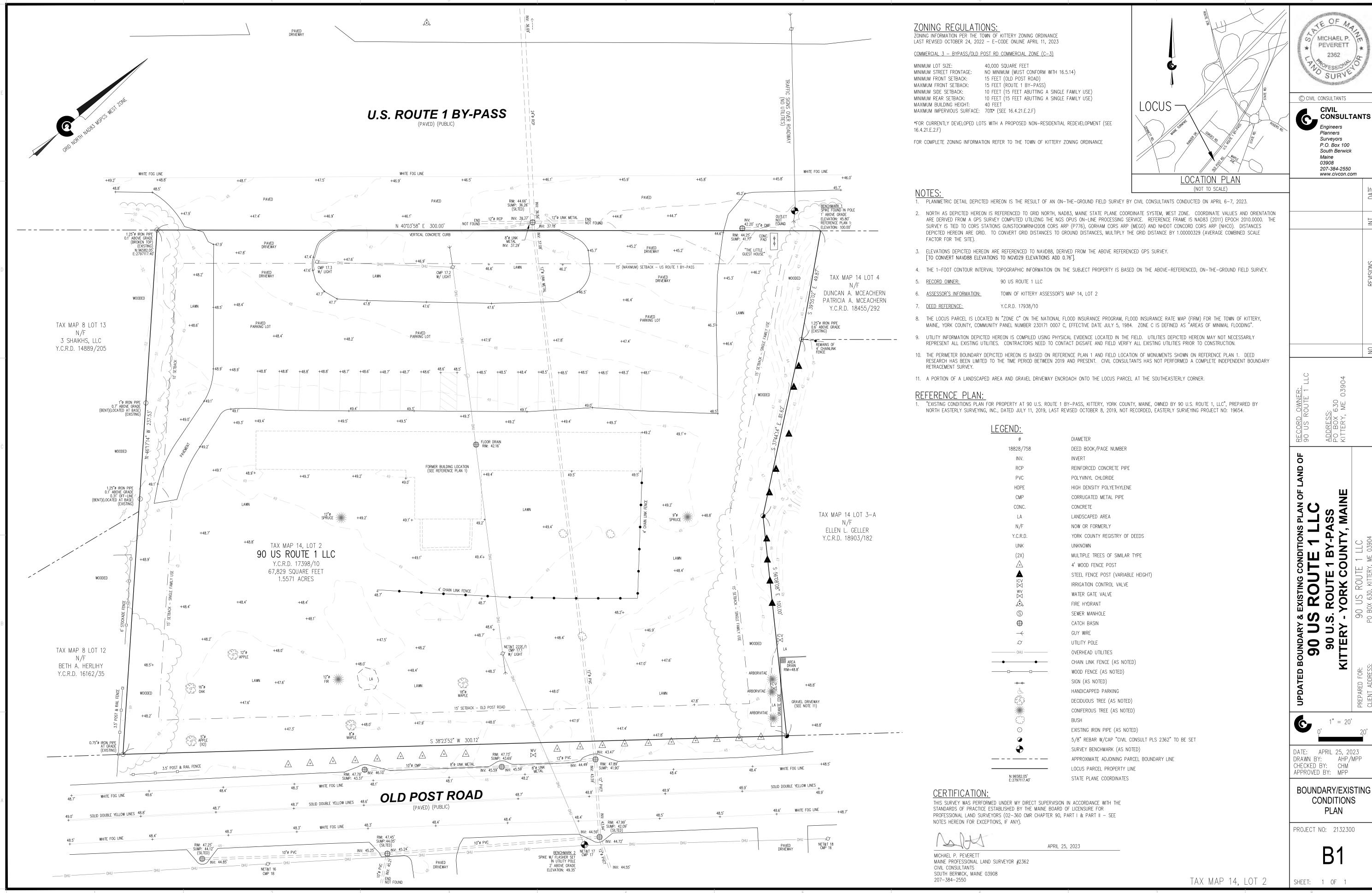
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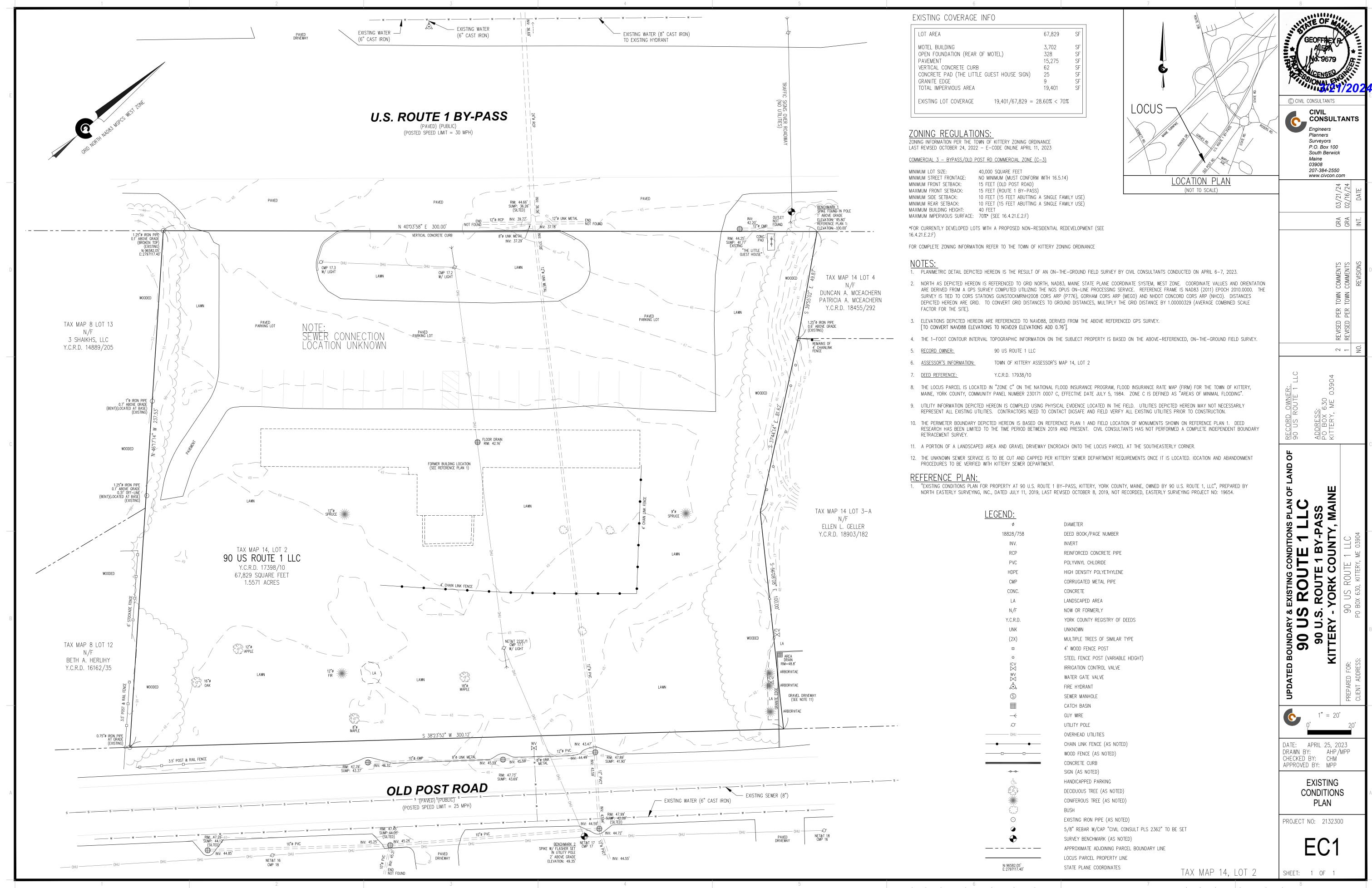
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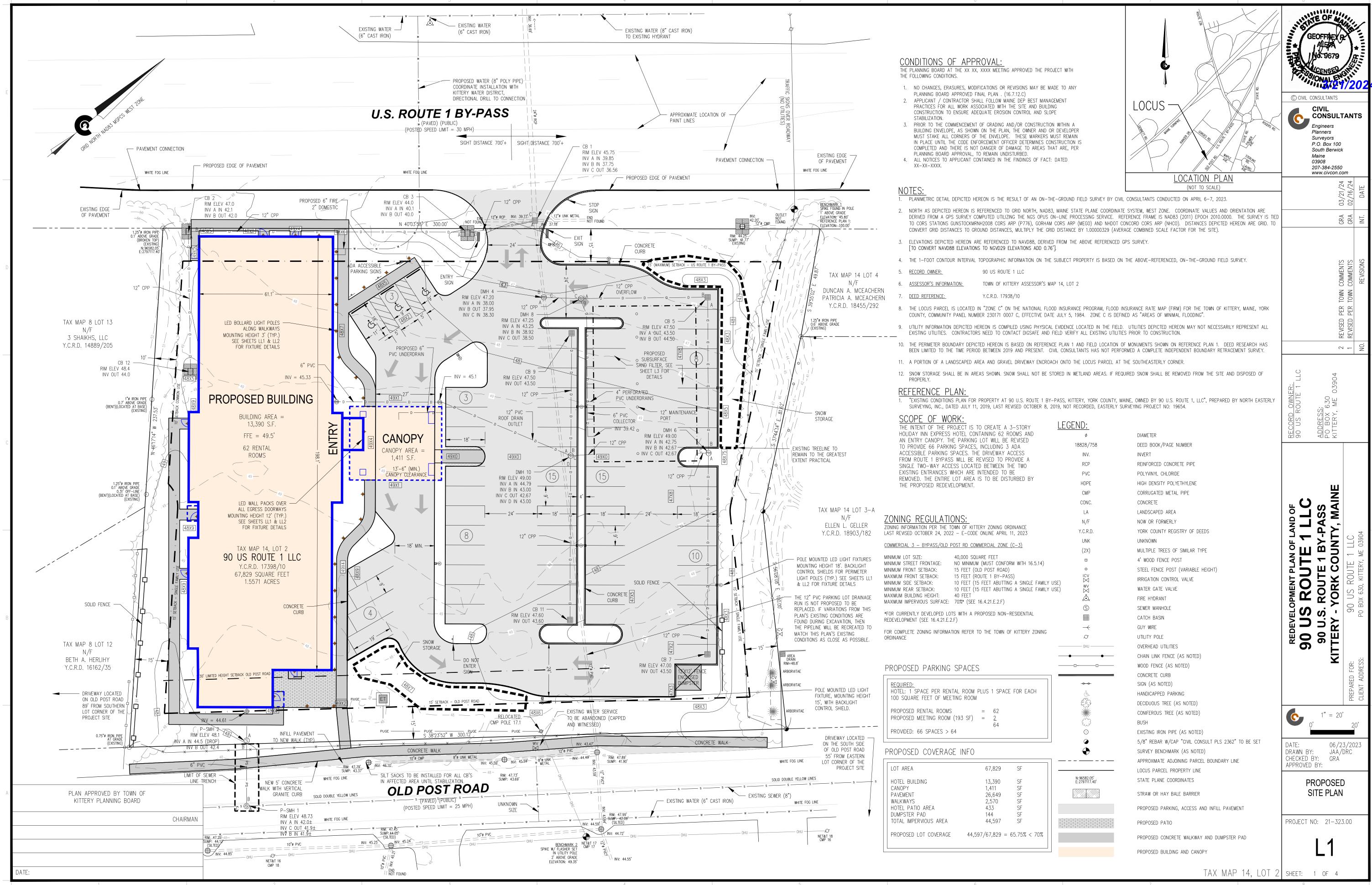
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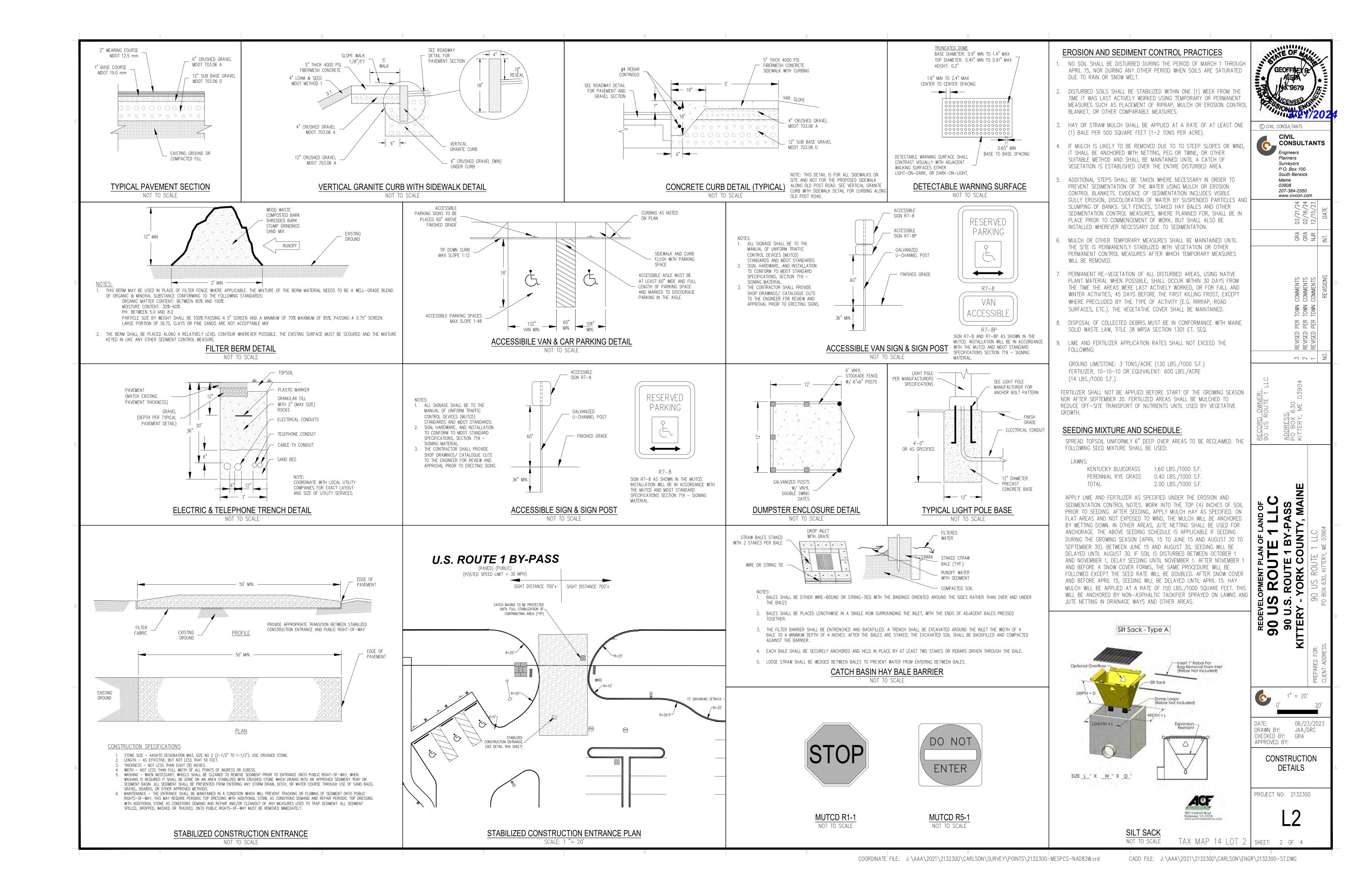
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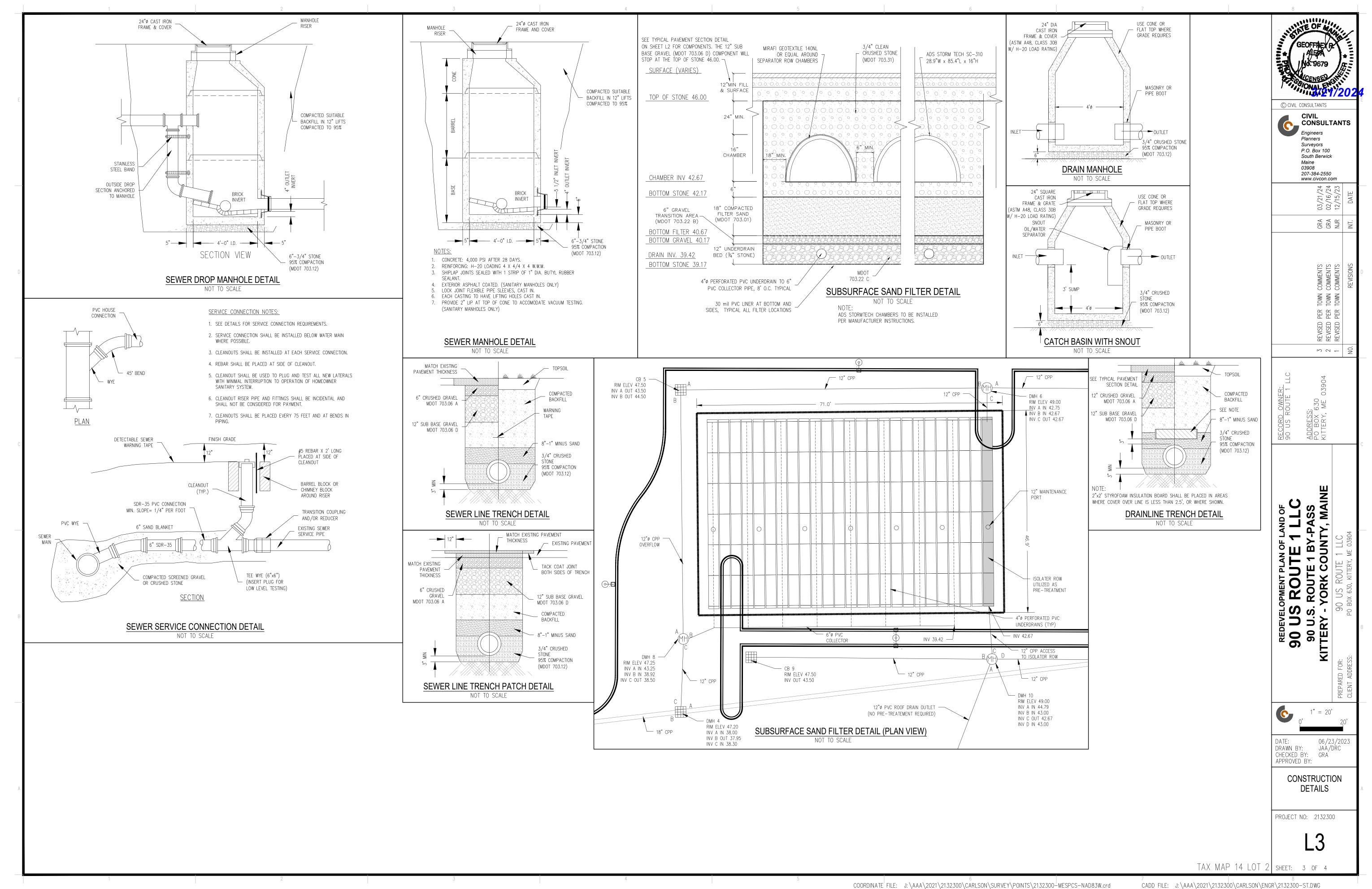
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STORMWATER MAINTENANCE PROCEDURES DURING CONSTRUCTION

THE FOLLOWING PROCEDURES WILL BE FOLLOWED FOR MAINTENANCE OF THE STORMWATER MANAGEMENT FACILITIES AND EROSION & SEDIMENTATION CONTROL (ESC) MEASURES AT THIS SITE. NOTE: FOR THE PURPOSES OF THESE PROCEDURES, A SIGNIFICANT RAINFALL IS 1/2" IN A 24 HOUR PERIOD.

CONSTRUCTION INSPECTIONS WILL BE PERFORMED AT LEAST ONCE A WEEK AS WELL AS BEFORE, AND WITHIN 24 HOURS AFTER A STORM EVENT.

IF INSPECTIONS IDENTIFY AREAS IN NEED OF REPAIR, THOSE REPAIRS SHALL BE STARTED BY THE END OF THE NEXT WORK DAY AND COMPLETED WITHIN SEVEN DAYS (OR BEFORE THE NEXT STORM EVENT).

ALL CONSTRUCTION INSPECTIONS SHALL BE CONDUCTED BY SOMEONE WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL

THE SCOPE OF CONSTRUCTION INSPECTIONS INCLUDES THE EROSION CONTROL MEASURES AS WELL AS DISTURBED AREAS, MATERIAL STORAGE AREAS, AND LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE (STABILIZED CONSTRUCTION ENTRANCE).

THE CONTRACTOR WILL BE RESPONSIBLE FOR INSPECTION AND MAINTENANCE OF ALL STORMWATER AND ESC MEASURES UNTIL FINAL STABILIZATION OF THE SITE IS ACHIEVED. UPON STABILIZATION, THE DEVELOPER WILL BE RESPONSIBLE FOR LONG-TERM INSPECTION AND MAINTENANCE OF STORMWATER MANAGEMENT AND EROSION CONTROL MEASURES.

THE RESPONSIBLE PARTY SHALL ESTABLISH A MAINTENANCE LOG/PLAN FOR USE IN RECORDING MAINTENANCE ACTIVITIES. AS A MINIMUM, THE LOG SHALL INCLUDE THE DATE(S) OF ACTIVITIES, WHO PERFORMED THE DUTIES, WHAT WAS DONE (I.E. LOOKED AT DETENTION BERMS, CLEANED DROP INLETS, ETC.), THE RESULTS OF THE ACTIVITY (I.E. ALL STRUCTURES WERE IN GOOD SHAPE, OR, POND #44 NEEDS TO BE REPAIRED). IF ANY ITEM NEEDS TO BE REPAIRED, A FOLLOW-UP ENTRY SHALL SHOW THE DATE THAT REPAIRS WERE COMPLETED.

CONSTRUCTION INSPECTION AND CORRECTIVE ACTION DOCUMENTATION RECORDS WILL BE MAINTAINED BY THE CONTRACTOR FOR A MINIMUM OF THREE YEARS AND PROVIDED TO THE DEVELOPER.

LAND GRADING AND SLOPE STABILIZATION

ALL SLOPES SHOULD BE CHECKED PERIODICALLY TO SEE THAT VEGETATION IS IN GOOD CONDITION. ANY RILLS OR DAMAGE FROM EROSION AND ANIMAL BURROWING SHOULD BE REPAIRED IMMEDIATELY TO AVOID FURTHER DAMAGE. IF SEEPS DEVELOP ON THE SLOPES, THE AREA SHOULD BE EVALUATED TO DETERMINE IF THE SEEP WILL CAUSE AN UNSTABLE CONDITION. SUBSURFACE DRAINS A RATE OF 150 LB. PER 1,000 SQUARE FEET OR 3 TONS/ACRE (TWICE THE NORMAL ACCEPTED RATE OF 75 LBS./1,000 S.F. OR OR GRAVEL MULCHING MAY BE REQUIRED TO SOLVE SEEP PROBLEMS. DIVERSIONS, BERMS, AND WATERWAYS IN THE LAND GRADING AREA SHOULD BE CHECKED TO SEE THAT THEY ARE FUNCTIONING PROPERLY. PROBLEMS FOUND DURING THE INSPECTIONS SHOULD BE REPAIRED. SLOPES AND ASSOCIATED PRACTICES UTILIZING VEGETATION SHOULD BE LIMED AND FERTILIZED AS NECESSARY TO KEEP THE VEGETATION HEALTHY. ENCROACHMENT OF UNDESIRABLE VEGETATION SUCH AS WEEDS AND WOODY GROWTH THAT IS NOT

PLANNED SHOULD BE CONTROLLED TO AVOID PROBLEMS OF BANK STABILITY IN THE FUTURE. a. EROSION CONTROL MULCH (ECM) WILL BE USED TO STABILIZE SLOPES LESS STEEP THAN 3:1 UNTIL THEY ARE VEGETATED; b. ECM SHALL NOT BE USED AS THE SOLE MEASURE FOR SLOPES STEEPER THAN 8% OR WHERE THERE IS RUNNING WATER;

c. EROSION CONTROL BLANKETS SHALL BE USED TO STABILIZE SLOPES BETWEEN 3:1 AND 2:1; AND d. SLOPES STEEPER THAN 1.5:1 ARE PROHIBITED;

ROCK RIPRAP SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM TO DETERMINE IF THE RIPRAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED. WOODY VEGETATION SHOULD BE REMOVED FROM THE ROCK RIPRAP ANNUALLY. IF THE RIPRAP IS ON A CHANNEL BANK, THE STREAM SHOULD BE KEPT CLEAR OF OBSTRUCTIONS. IF DAMAGE HAS OCCURED, REPAIRS MUST BE CARRIED OUT IMMEDIATELY TO AVOID ADDITIONAL DAMAGE TO THE RIPRAP.

STORM DRAIN INLET PROTECTION ALL STRUCTURES SHALL BE INSPECTED AFTER SIGNIFICANT RAIN EVENTS AND REPAIRED AS NEEDED.

SEDIMENT SHALL BE REMOVED AND THE STORM DRAIN SEDIMENT BARRIER RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

STRUCTURES SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY

ALL CATCH BASINS AND STORM DRAIN INLETS SHALL BE CLEANED AT THE END OF CONSTRUCTION AND AFTER THE SITE HAS BEEN

STRAW OR HAY BALE BARRIER, SILT FENCE AND FILTER BERM

HAY BALE BARRIERS, SILT FENCES AND FILTER BERMS SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THEY SHALL BE REPAIRED IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THEM. IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OF THE EDGES OF THE BARRIER, THE FLOW CURRENTLY REACHING THE BARRIER SHALL BE INTERCEPTED WITH ADDITIONAL EROSION CONTROL MATERIALS OR SEDIMENTATION BASINS TO PREVENT SEDIMENTS FROM LEAVING THE SITE.

SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED.

SEDIMENT DEPOSITS SHOULD BE REMOVED WHEN THE DEPOSITS REACH APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE BARRIER.

FILTER BERMS SHOULD BE RESHAPED AS NEEDED.

SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHOULD BE DRESSED TO CONFORM TO THE EXISTING GRADE, PREPARED AND SEEDED.

OUTLET PROTECTION

OUTLET PROTECTION SHOULD BE CHECKED AT LEAST ANNUALLY AND AFTER EVERY MAJOR STORM. IF THE RIPRAP HAS BEEN DISPLACED, UNDERMINED OR DAMAGED, IT SHOULD BE REPAIRED. THE CHANNEL IMMEDIATELY BELOW THE OUTLET SHOULD BE CHECKED TO SEE THAT EROSION IS NOT OCCURRING. THE DOWNSTREAM CHANNEL SHOULD BE KEPT CLEAR OF OBSTRUCTIONS SUCH AS FALLEN TREES, DEBRIS, AND SEDIMENT THAT COULD CHANGE FLOW PATTERNS AND/OR TAILWATER DEPTHS ON THE PIPES. REPAIRS MUST BE CARRIED OUT TO AVOID ADDITIONAL DAMAGE TO THE OUTLET PROTECTION APRON.

TEMPORARY CHECK DAMS

REGULAR INSPECTIONS MUST BE MADE TO ENSURE THAT THE CENTER OF THE CHECK DAM IS LOWER THAN THE EDGES. EROSION CAUSED BY HIGH FLOWS AROUND THE EDGES OF THE CHECK DAM MUST BE CORRECTED. IF EVIDENCE OF SILTATION IN THE WATER IS APPARENT DOWNSTREAM OF THE CHECK DAM, THE CHECK DAM MUST BE INSPECTED AND ADJUSTED.

CHECK DAMS MUST BE CHECKED FOR SEDIMENT ACCUMULATION AFTER EACH SIGNIFICANT RAINFALL. SEDIMENT MUST BE REMOVED WHEN IT REACHES ONE HALF THE ORIGINAL HEIGHT OF BEFORE.

IF IT POSSIBLE, LEAVE THE CHECK DAM IN PLACE PERMANENTLY. IN TEMPORARY DITCHES AND SWALES, CHECK DAMS MUST BE REMOVED WHEN A PERMANENT LINING HAS BEEN ESTABLISHED. IF A CHECK DAM MUST BE REMOVED FROM A GRASS LINED DITCH, WAIT UNTIL THE GRASS HAS MATURED TO PROTECT THE DITCH OR SWALE. THE AREA BENEATH THE CHECK DAM MUST BE SEEDED AND MULCHED REMOVAL.

STABILIZED CONSTRUCTION ENTRANCE (ANTI-TRACKING PAD)

EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. WHEN THE CONTROL PAD BECOMES INEFFECTIVE, THE STONE SHALL BE REMOVED ALONG WITH THE COLLECTED SOIL MATERIAL AND REDISTRIBUTED ON SITE IN A STABLE MANNER AND THE ENTRANCE RECONSTRUCTED. THE CONTRACTOR SHALL SWEEP OR WASH PAVEMENT AT EXITS, WHICH HAVE EXPERIENCED MUD-TRACKING ONTO THE PAVEMENT OR TRAVELED WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE, WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES OR WATERWAYS.

CULVERTS MUST BE MAINTAINED BY KEEPING INLETS, TRASH GUARDS, AND COLLECTION BOXES AND STRUCTURES CLEAN AND FREE OF MATERIALS THAT CAN REDUCE THE FLOW. ALL LEAKS SHALL BE REPAIRED TO ENSURE PROPER FUNCTIONING OF THE CULVERT. ANIMAL GUARDS MUST BE INSPECTED AND MAINTAINED IN PROPER WORKING ORDER.

DROP IN CATCH BASIN SILT SACK

EACH SILT SACK SHOULD BE INSPECTED AT REGULAR INTERVALS AND AFTER EACH MAJOR STORM EVENT FOLLOWED BY THE REMOVAL OF ALL ACCUMULATED SEDIMENT AND DEBRIS IN THE VICINITY OF THE UNIT. AFTER EACH STORM EVENT LOOK INTO THE SILT SACK(S). IF THE CONTAINMENT AREA IS MORE THAN 1/3 FULL OF SEDIMENT, THE UNIT MUST BE EMPTIED. TO EMPTY UNIT, SIMPLY LIFT THE UNIT USING LIFTING STRAPS AND REMOVE THE GRATE. IF USING OPTIONAL OIL ABSORBENTS, REPLACE ABSORBENT PILLOW WHEN NEAR SATURATION.

OVERWINTER CONSTRUCTION

MAINE EROSION AND SEDIMENT CONTROL BMP (3/2003 REV 2016)

THE WINTER CONSTRUCTION PERIOD IS FROM NOVEMBER 1 THROUGH APRIL 15. IF THE CONSTRUCTION SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 75% MATURE VEGETATION COVER OR RIPRAP BY NOVEMBER 15 THEN THE SITE NEEDS TO BE PROTECTED WITH OVER-WINTER STABILIZATION. AN AREA CONSIDERED OPEN IS ANY AREA NOT STABILIZED WITH PAVEMENT, VEGETATION, MULCHING, EROSION CONTROL MATS, RIPRAP OR GRAVEL BASE ON A ROAD.

WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY TIME. LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS EXPECTED TO BE UNDER TAKEN DURING THE PROCEEDING 15 DAYS AND THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT. ALL AREA SHALL BE CONSIDERED TO BE DENUDED UNTIL THE SUBBASE GRAVEL IS INSTALLED IN ROADWAY AREAS OR THE AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOAMED, SEEDED AND MULCHED. A COVER OF EROSION CONTROL MIX PERFORMS THE BEST.

ANY ADDED MEASURES, WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION, MUST BE BE INSTALLED. THESE MAY BE DEPENDENT UPON SITE AND WEATHER CONDITIONS AND THE ACTUAL SITE SIZE. TO MINIMIZE AREAS WITHOUT EROSION CONTROL PROTECTION, CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED.

ANY AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCE, IF NOT STABILIZED WITH A MINIMUM OF 75% MATURE VEGETATION CATCH, SHALL BE MULCHED BY DECEMBER 1 AND ANCHORED WITH PLASTIC NETTING OR PROTECTED WITH AN EROSION CONTROL

DURING WINTER CONSTRUCTION, A DOUBLE ROW OF SEDIMENT BARRIERS (I.E. SILT FENCE BACKED WITH HAY BALES OR EROSION CONTROL MIX) WILL BE PLACED BETWEEN ANY NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE NATURAL RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF 100 FEET ON EITHER SIDE FROM THE RESOURCE. EXISTING PROJECTS NOT STABILIZED BY DECEMBER 1 SHALL BE PROTECTED WITH THE SECOND LINE OF SEDIMENT BARRIER TO ENSURE FUNCTIONALITY SOD: THE DISTURBED SLOPE MUST BE STABILIZED WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES DURING THE SPRING THAW AND RAINS.

2. SEDIMENT BARRIERS

DURING FROZEN CONDITIONS, SEDIMENT BARRIERS MAY CONSIST OF EROSION CONTROL MIX BERMS OR ANY OTHER RECOGNIZED SEDIMENT BARRIERS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALES AND SEDIMENT SILT FENCES.

ALL AREA SHALL BE CONSIDERED TO BE DENUDED UNTIL SEEDED AND MULCHED. HAY AND STRAW MULCH SHALL BE APPLIED AT 1.5 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED. EROSION CONTROL MIX MUST BE APPLIED WITH A MINIMUM 4 INCH

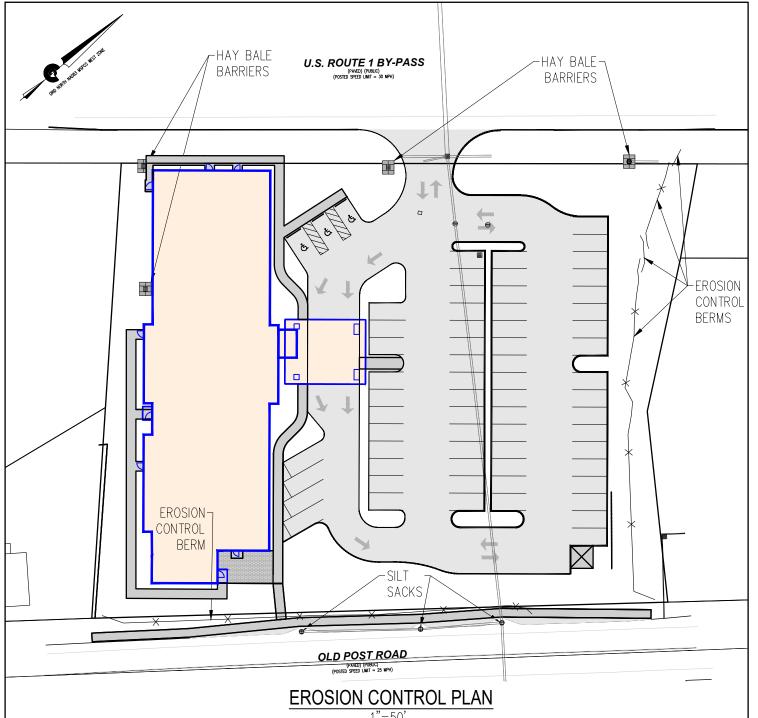
MULCH SHALL NOT BE SPREAD ON TOP OF SNOW. THE SNOW WILL BE REMOVED DOWN TO A ONE INCH DEPTH OR LESS PRIOR TO 3. STABILIZATION OF DISTURBED SOILS APPLICATION. AFTER EACH DAY OF FINAL GRADING, THE AREA WILL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR TEMPORARY VEGETATION: BY OCTOBER 1, SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3-LBS PER 1,000 EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED OR ADEQUATELY ANCHORED SO THAT GROUND SURFACE IS NOT VISIBLE THOUGH THE MULCH. BETWEEN THE DATES OF NOVEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY EITHER MULCH NETTING, ASPHALT EMULSION CHEMICAL, TRACKING OR WOOD CELLULOSE FIBER. THE COVER WILL BE CONSIDERED SUFFICIENT WHEN THE GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH.

AFTER NOVEMBER 1ST, MULCH AND ANCHORING OF ALL EXPOSED SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING

STOCKPILES OF SOIL OR SUBSOIL WILL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR WITH A FOUR-INCH LAYER OF EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND REESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED (EVEN COVERED WITH MULCH) WITHIN 100 FEET FROM ANY NATURAL RESOURCES. STORMWATER SHALL BE PREVENTED FROM RUNNING ONTO STOCKPILES.

BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES FINISHED AREAS SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS NOVEMBER 1ST AND THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED WITH A UNIFORM SURFACE, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED.

DORMANT SEEDING MAY BE SELECTED TO BE PLACED PRIOR TO THE PLACEMENT OF MULCH AND EROSION CONTROL BLANKETS. IF DORMANT SEEDING IS USED FOR THE SITE, ALL DISTURBED AREAS SHALL RECEIVE 4' OF LOAM AND SEED AT AN APPLICATION RATE OF 5LBS/1,000 S.F. ALL AREAS SEEDED DURING THE WINTER WILL BE INSPECTED IN THE SPRING FOR ADEQUATE CATCH. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 75% CATCH) SHALL BE REVEGETATED BY REPLACING LOAM, SEED AND MULCH. IF DORMANT SEEDING IS NOT USED FOR THE SITE, ALL DISTURBED AREAS SHALL BE REVEGETATED IN THE SPRING.



OVERWINTER STABILIZATION

MAINE EROSION AND SEDIMENT CONTROL BMP (3/2003 REV 2016)

1. STABILIZATION OF DITCHES AND CHANNELS ALL STONE-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED BY NOVEMBER 15. ALL GRASS-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED BY SEPTEMBER 1. IF A DITCH OR CHANNEL IS NOT GRASS-LINED BY SEPTEMBER 1, THEN ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE DITCH FOR LATE FALL AND WINTER MUST BE TAKEN. SOD LINING: A DITCH OR CHANNEL MUST BE LINED WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES: PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL, AND ANCHORING THE SOD AT THE BASE OF THE DITCH WITH JUTE OR PLASTIC MESH TO PREVENT THE SOD FROM SLOUGHING DURING FLOW CONDITIONS.

STONE LINING: A DITCH OR CHANNEL MUST BE LINED WITH STONE RIPRAP BY NOVEMBER 15. A REGISTERED PROFESSIONAL ENGINEER MUST DETERMINE THE STONE SIZE AND LINING THICKNESS NEEDED TO WITHSTAND THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHIN THE DITCH. IF NECESSARY, THE CONTRACTOR WILL REGRADE THE DITCH PRIOR TO PLACING THE STONE LINING TO PREVENT THE STONE LINING FROM REDUCING THE DITCH'S CROSS-SECTIONAL AREA.

2. STABILIZATION OF DISTURBED SLOPES ALL STONE-COVERED SLOPES MUST BE CONSTRUCTED AND STABILIZED BY NOVEMBER 15. ALL SLOPES TO BE VEGETATED MUST BE SEEDED AND MULCHED BY SEPTEMBER 1. THE DEPARTMENT WILL CONSIDER ANY AREA HAVING A GRADE GREATER THAN 15% TO BE A SLOPE. IF A SLOPE TO BE VEGETATED IS NOT STABILIZED BY SEPTEMBER 1, THEN ONE OF THE FOLLOWING ACTIONS MUST BE TAKEN TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER.

TEMPORARY VEGETATION AND EROSION CONTROL MATS: BY OCTOBER 1, THE DISTURBED SLOPE MUST BE SEEDED WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1,000 SQUARE FEET FOLLOWED BY INSTALLATION OF EROSION CONTROL MATS OR ANCHORED MULCH OVER THE SEEDING. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR FAILS TO COVER AT LEAST 75% OF THE SLOPE BY NOVEMBER 1, THEN THE CONTRACTOR WILL COVER THE SLOPE WITH A LAYER OF EROSION CONTROL MIX OR STONE RIPRAP AS DESCRIBED IN THE FOLLOWING STANDARDS.

THE CONTRACTOR PINNING THE SOD ONTO THE SLOPE WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. THE CONTRACTOR WILL 3. FUGITIVE SEDIMENT AND DUST. ACTIONS MUST BE TAKEN TO ENSURE NOT USE LATE-SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33% (3H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE.

EROSION CONTROL MIX: EROSION CONTROL MIX MUST BE PROPERLY INSTALLED BY NOVEMBER 15. THE CONTRACTOR WILL NOT USE EROSION CONTROL MIX TO STABILIZE SLOPES HAVING GRADES GREATER THAT 50% (2H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE.

STONE RIPRAP: PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15. THE DEVELOPMENT'S OWNER WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY ON THE SLOPE AND TO DESIGN A FILTER LAYER TO BE INSTALLED BENEATH THE RIPRAP.

SQUARE FEET, LIGHTLY MULCH THE SEEDED SOIL WITH HAY OR STRAW AT 75-LBS PER 1,000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS GROW AT LEAST THREE 4. DEBRIS AND OTHER MATERIALS. MINIMIZE THE EXPOSURE OF INCHES OR COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 1, THEN MULCH THE AREA FOR OVERWINTER PROTECTION AS FOLLOWS.

MULCH: BY NOVEMBER 15, MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150-LBS PER 1,000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. IMMEDIATELY AFTER APPLYING THE MULCH, ANCHOR THE MULCH WITH PLASTIC NETTING TO PREVENT WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL.

MAINTENANCE MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AFTER EACH RAINFALL, SNOW 5. EXCAVATION DE-WATERING. EXCAVATION DE-WATERING IS THE STORM OR PERIOD OF THAWING AND RUNOFF, THE SITE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUOUS FUNCTION.

FOLLOWING THE TEMPORARY AND OR FINAL SEEDING AND MULCHING, THE CONTRACTOR SHALL IN THE SPRING INSPECT AND REPAIR ANY DAMAGES AND/OR BARE SPOTS. AN ESTABLISHED VEGETATIVE COVER MEANS A MINIMUM OF 85% TO 90% OF AREAS VEGETATED WITH VIGOROUS GROWTH.

STABILIZATION SCHEDULE BEFORE WINTER

<u>SEPTEMBER 15</u> ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED. ALL SLOPES MUST BE STABILIZED. SEEDED AND MULCHED. ALL GRASS-LINED DITCHES AND CHANNELS MUST BE STABILIZED WITH MULCH OR AN EROSION CONTROL BLANKET.

OCTOBER 1 IF THE SLOPE IS STABILIZED WITH AN EROSION CONTROL BLANKET AND SEEDED. ALL DISTURBED AREAS TO BE PROTECTED WITH ANNUAL GRASS MUST BE SEEDED AT A SEEDING RATE OF 3-LBS PER 1,000 SQUARE FEET AND MULCHED.

NOVEMBER 15 ALL STONE-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED. SLOPES THAT ARE COVERED WITH RIPRAP MUST BE CONSTRUCTED BY THIS DATE.

DECEMBER 1 ALL DISTURBED AREAS WHERE GROWTH OF VEGETATION FAILS TO BE AT LEAST THREE INCHES TALL OR AT LEAST 75% OF THE DISTURBED SOIL IS COVERED VEGETATION, MUST BE PROTECTED FOR OVER-WINTER. NOTE: THE DATES GIVEN ARE FOR PROJECTS IN SOUTH-CENTRAL MAINE.

PERMANENT STABILIZATION

90% COVERAGE OF SEEDED AREAS IS THE STANDARD FOR "STABILIZED".

*PER ME DEP CHAPTER 500 - APPENDIX 'C'

SPILL PREVENTION. CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE TO ENTER STORMWATER, WHICH INCLUDES STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER. THE SITE CONTRACTOR OR OPERATOR MUST DEVELOP, AND IMPLEMENT AS NECESSARY, APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING MEASURES.

GROUNDWATER PROTECTION. DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY AND OTHER RELEVANT FACTORS ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS. ANY PROJECT PROPOSING INFILTRATION OF STORMWATER MUST PROVIDE ADEQUATE PRE-TREATMENT OF STORMWATER PRIOR TO DISCHARGE OF STORMWATER TO THE INFILTRATION AREA, OR PROVIDE FOR TREATMENT WITHIN THE INFILTRATION AREA, IN ORDER TO PREVENT THE ACCUMULATION OF FINES, REDUCTION IN INFILTRATION RATE, AND CONSEQUENT FLOODING AND DESTABILIZATION.

THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL, BUT OTHER WATER ADDITIVES MAY BE CONSIDERED AS NEEDED. A STABILIZED CONSTRUCTION ENTRANCE (SCE) SHOULD BE INCLUDED TO MINIMIZE TRACKING OF MUD AND SEDIMENT. IF OFF-SITE TRACKING OCCURS. PUBLIC ROADS SHOULD BE SWEPT IMMEDIATELY AND NO LESS THAN ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS. OPERATIONS DURING DRY MONTHS. THAT EXPERIENCE FUGITIVE DUST PROBLEMS, SHOULD WET DOWN UNPAVED ACCESS ROADS ONCE A WEEK OR MORE FREQUENTLY AS NEEDED WITH A WATER ADDITIVE TO SUPPRESS FUGITIVE SEDIMENT AND DUST.

CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF. THESE MATERIALS MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.

REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER REMOVED FROM THE PONDED AREA, EITHER THROUGH GRAVITY OR PUMPING, MUST BE SPREAD THROUGH NATURAL WOODED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY THE DEPARTMENT.

AUTHORIZED NON-STORMWATER DISCHARGES. IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES. WHERE ALLOWED NON-STORMWATER DISCHARGES EXIST. THEY MUST BE IDENTIFIED AND STEPS SHOULD BE TAKEN TO ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE. AUTHORIZED NON-STORMWATER DISCHARGES ARE:

(a) DISCHARGES FROM FIREFIGHTING ACTIVITY;

(b) FIRE HYDRANT FLUSHINGS;

(c) VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES (ENGINE. UNDERCARRIAGE AND TRANSMISSION WASHING IS PROHIBITED); (d) DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS AND APPENDIX (C)(3);

(e) ROUTINE EXTERNAL BUILDING WASHDOWN, NOT INCLUDING SURFACE PAINT REMOVAL, THAT DOES NOT INVOLVE DETERGENTS; (f) PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR

HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOT (g) UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR

CONDENSATE:

(h) UNCONTAMINATED GROUNDWATER OR SPRING WATER; (i) FOUNDATION OR FOOTER DRAIN-WATER WHERE FLOWS ARE NOT

CONTAMINATED; (j) UNCONTAMINATED EXCAVATION DEWATERING (SEE REQUIREMENTS

IN APPENDIX C(5); (k) POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS; AND (I) LANDSCAPE IRRIGATION.

UNAUTHORIZED NON-STORMWATER DISCHARGES THE DEPARTMENT'S APPROVAL UNDER THIS CHAPTER DOES NOT AUTHORIZE A DISCHARGE THAT IS MIXED WITH A SOURCE OF NON-STORMWATER, OTHER THAN THOSE DISCHARGES IN COMPLIANCE WITH APPENDIX C (6). SPECIFICALLY, THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE DISCHARGES OF THE FOLLOWING:

(a) WASTEWATER FROM THE WASHOUT OR CLEANOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS;

(b) FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;

(c) SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND

EQUIPMENT WASHING; AND (d) TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.

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© CIVIL CONSULTANTS CONSULTANTS

Surveyors P.O. Box 100 South Berwick 207-384-2550 www.civcon.com

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AS NOTED

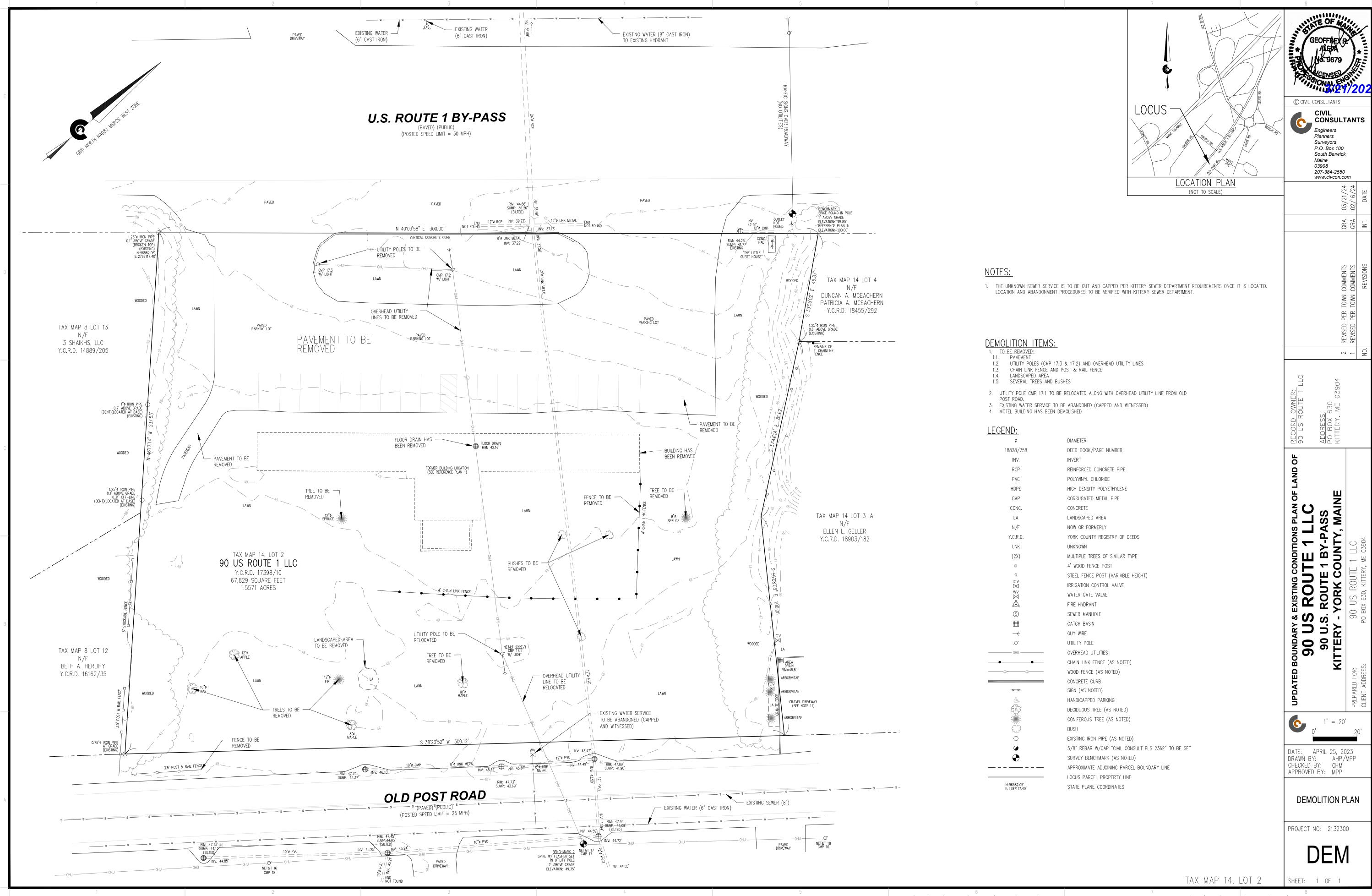
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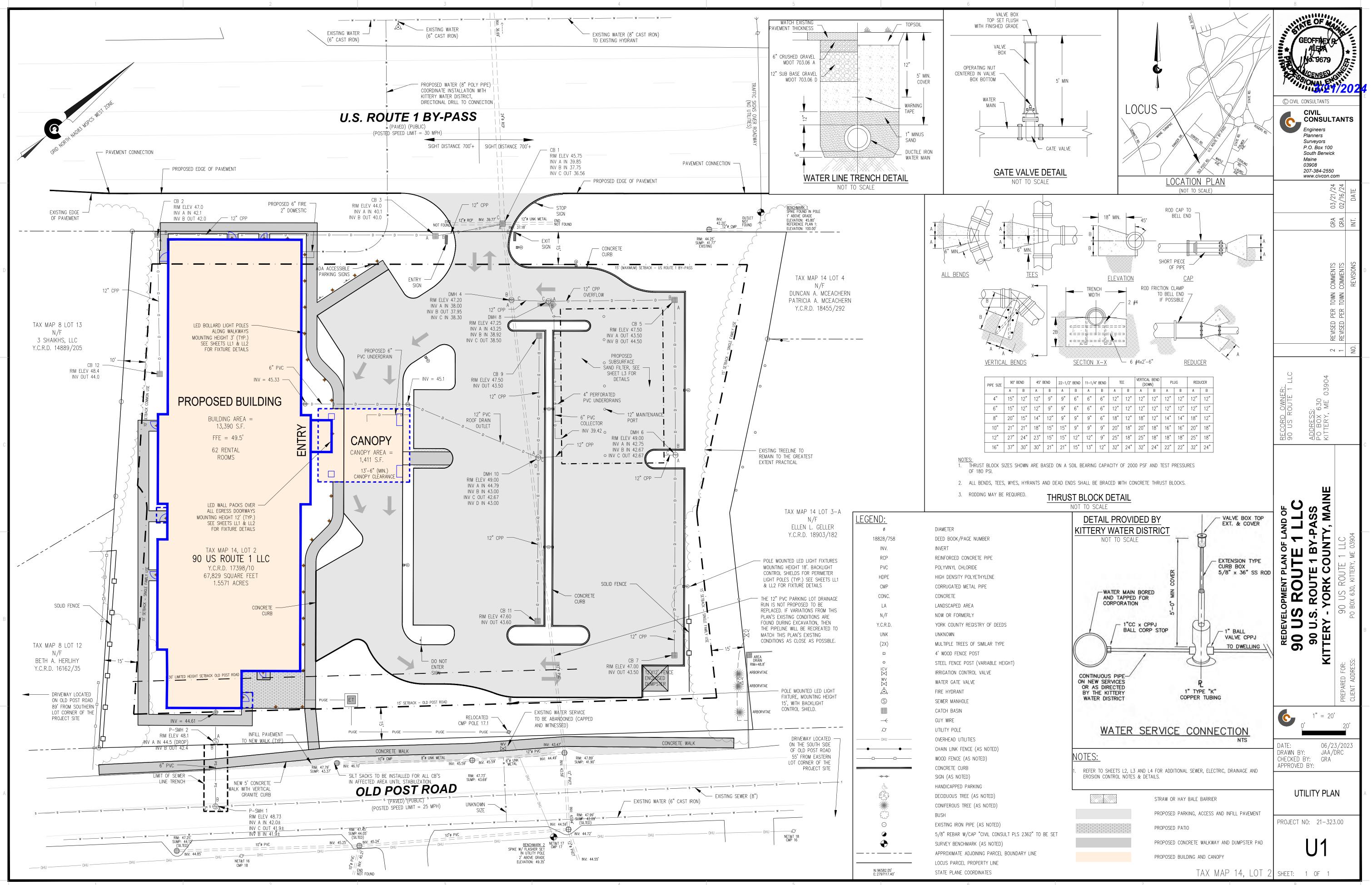
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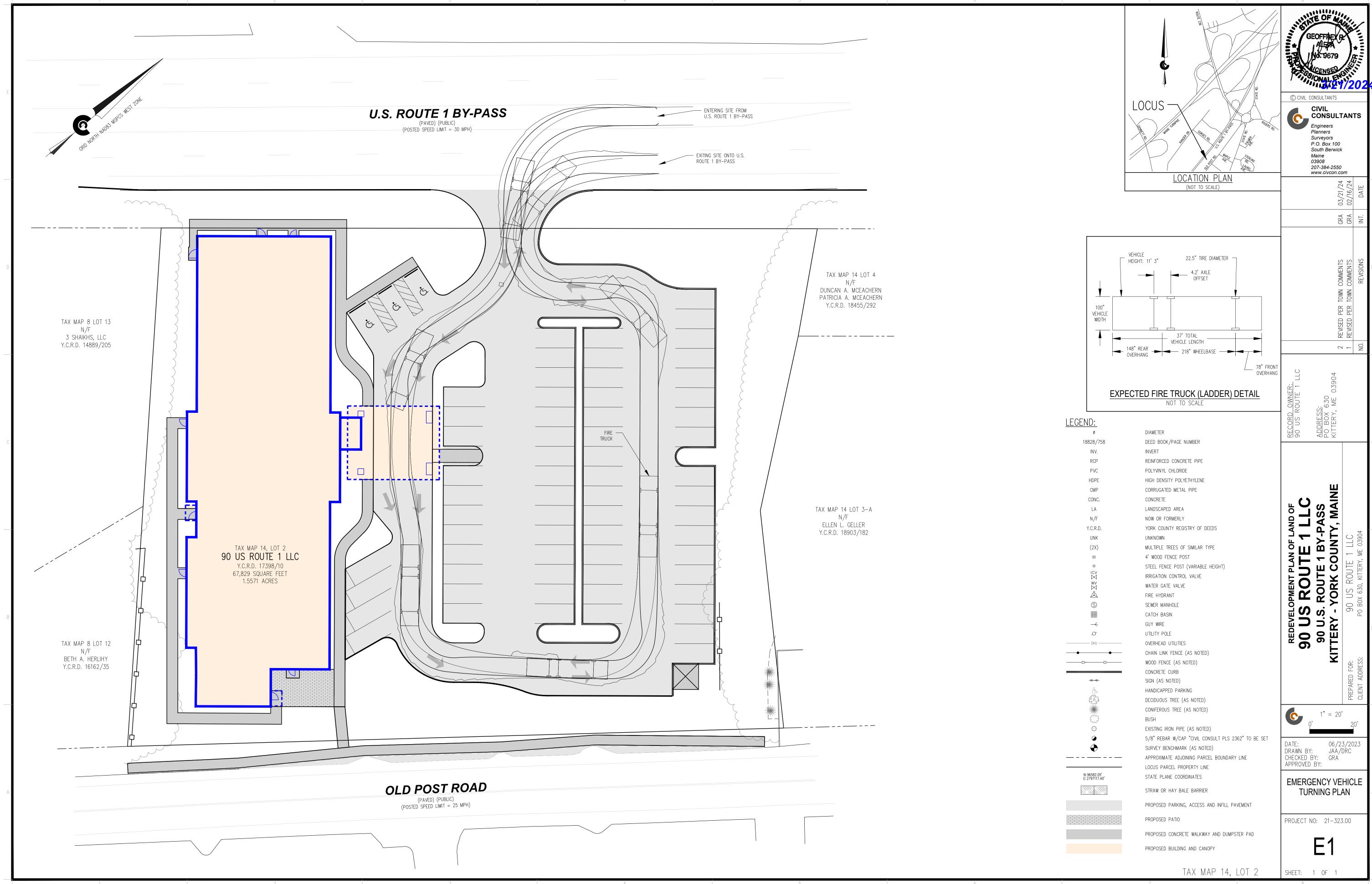
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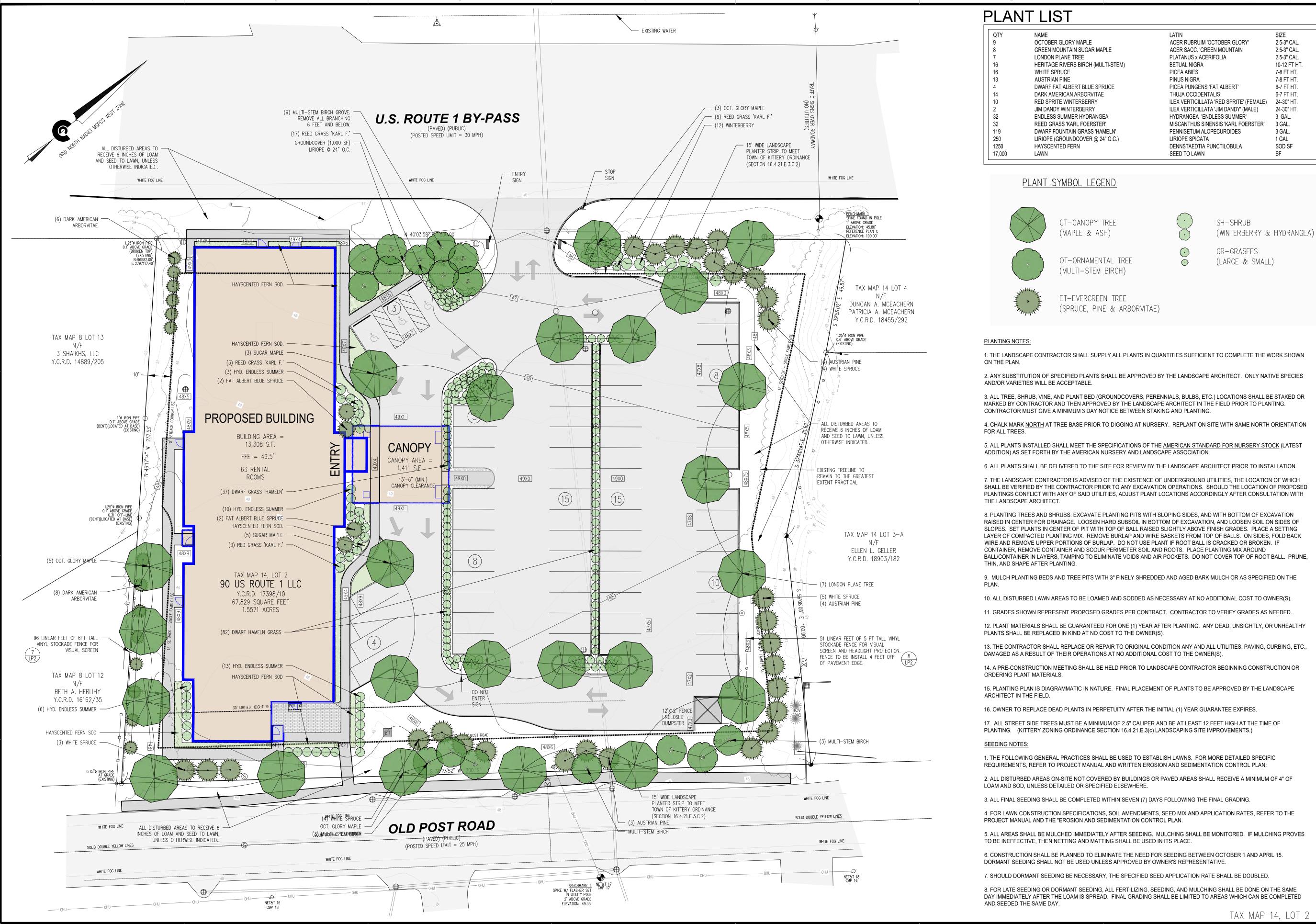
SHEET: 4 OF 4

TAX MAP 14 LOT 2









NDSCAPA 3-20-24 SCOTT M. **STRYNAR**

2.5-3" CAL.

2.5-3" CAL.

2.5-3" CAL.

10-12 FT HT

7-8 FT HT.

7-8 FT HT.

6-7 FT HT. 6-7 FT HT.

24-30" HT.

3 GAL.

3 GAL.

3 GAL.

1 GAL

SOD SF

Scott Strynar Landscape Architect, LLC. 98 Meehan Lane North Berwick, ME 03906 (t) 207-957-4441

Registered Landscape Architect Maine, New Hampshire & Mass. www.scottstrynarla.com

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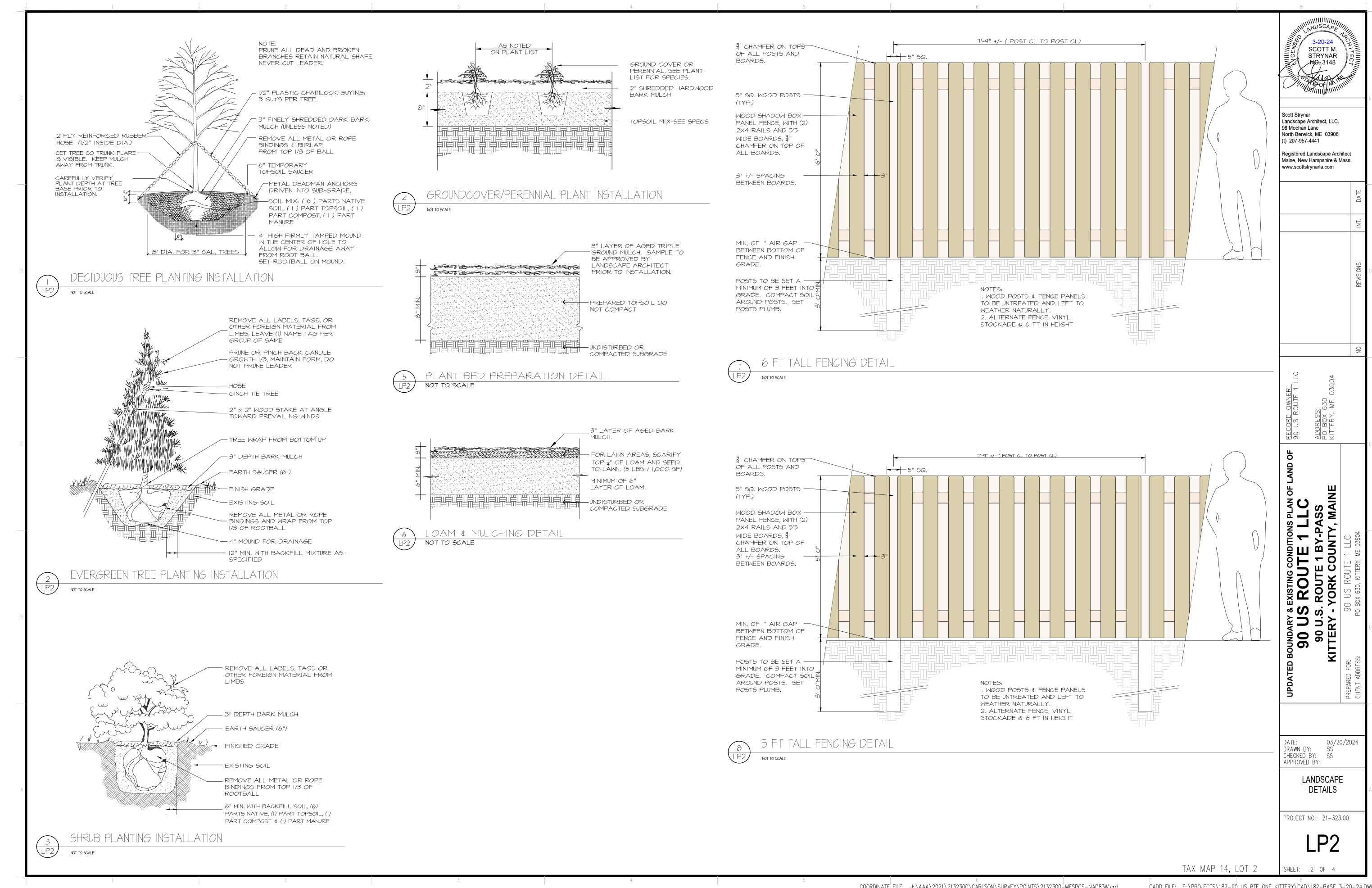
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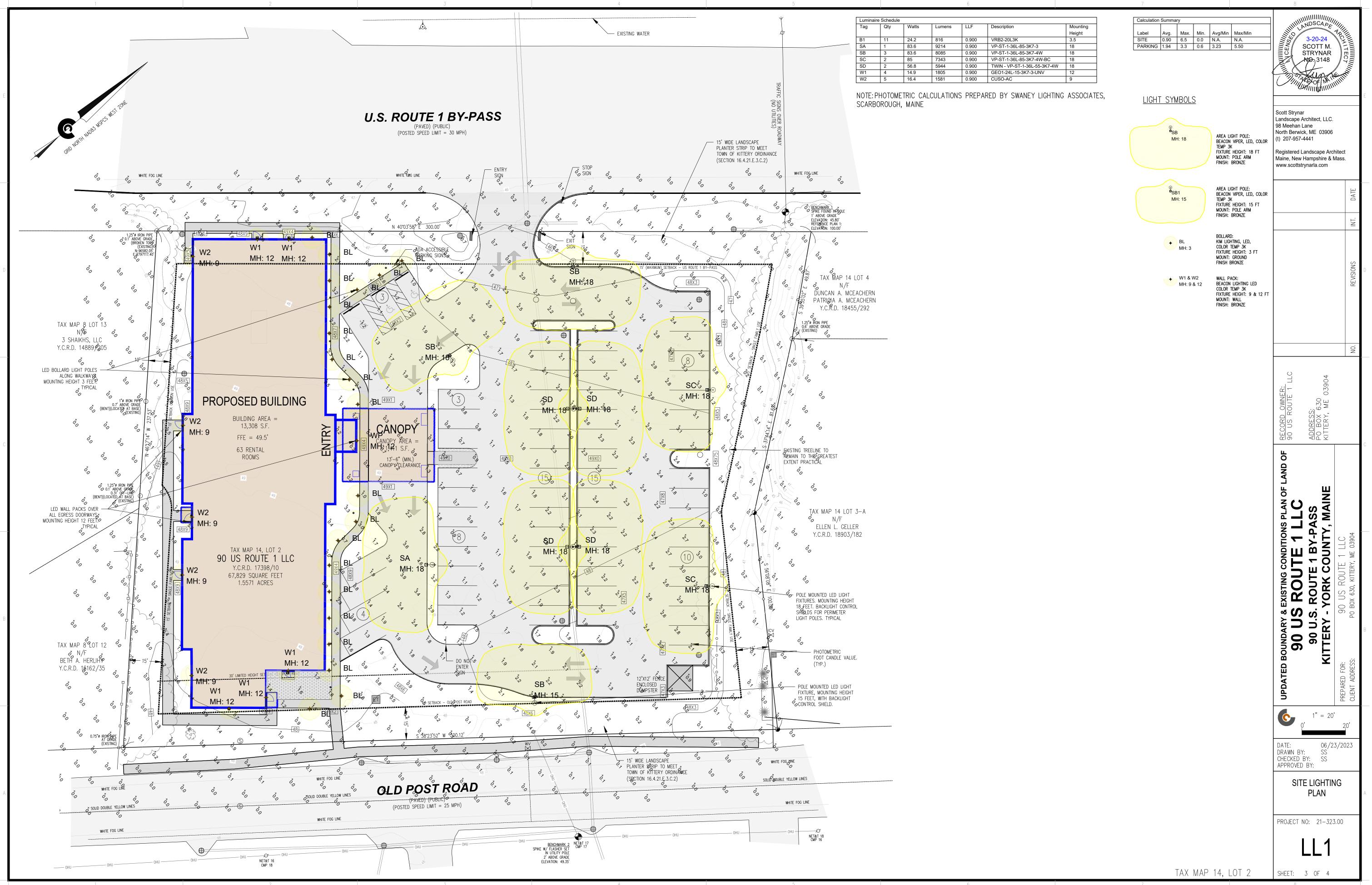
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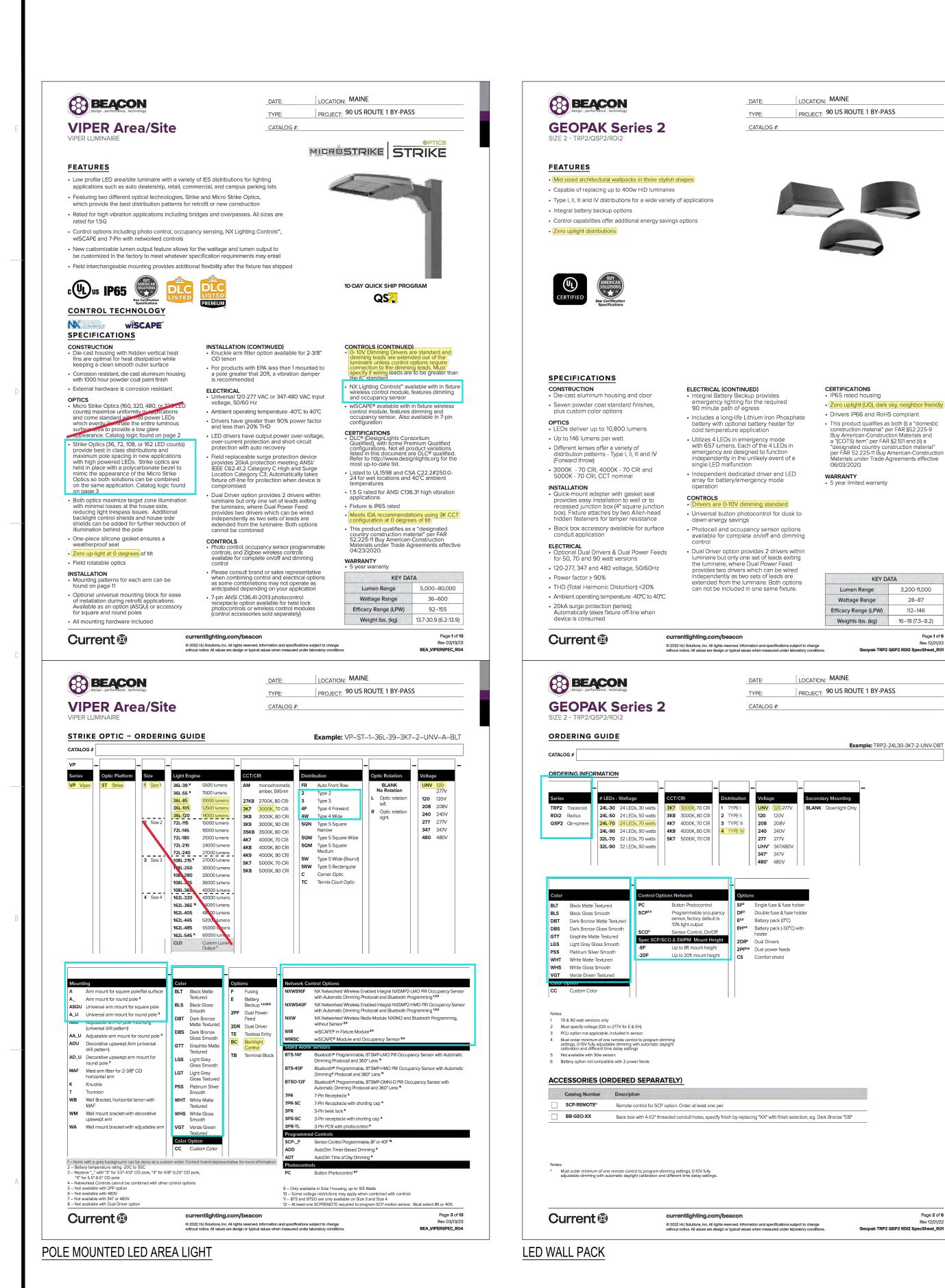
> LANDSCAPE PLAN

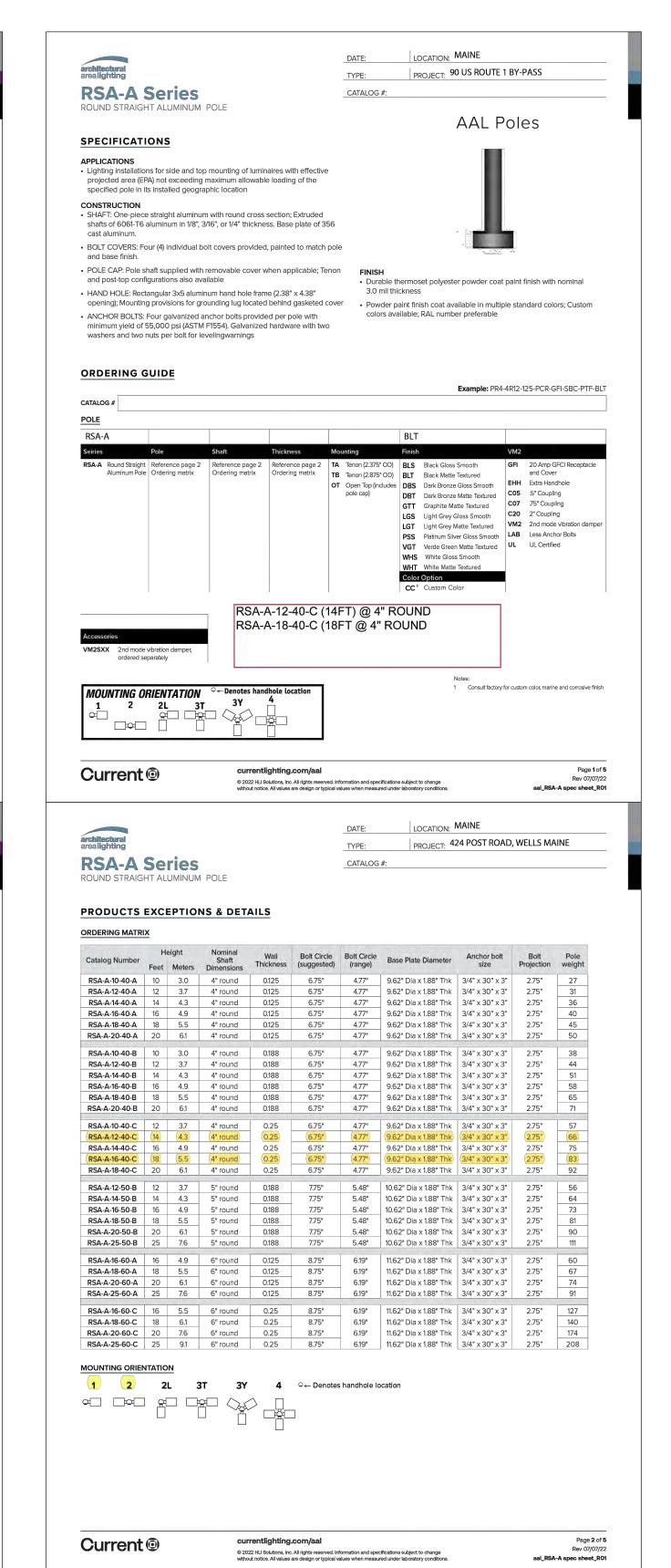
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SHEET: 1 OF 4









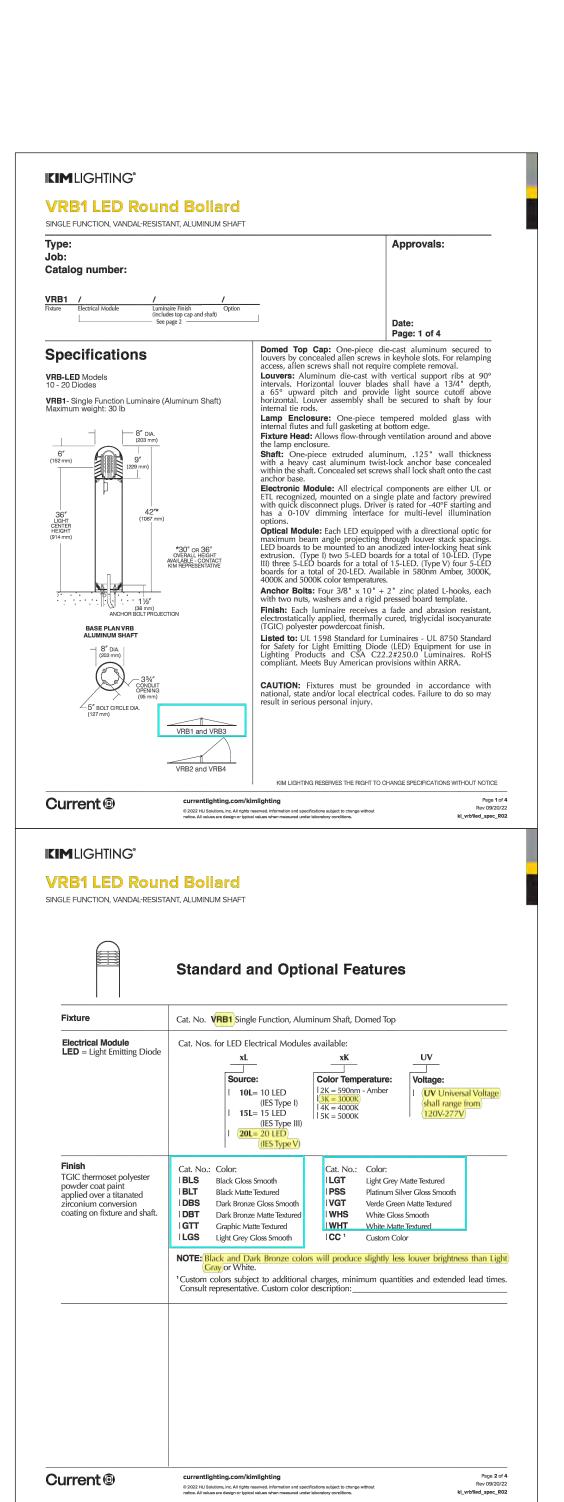
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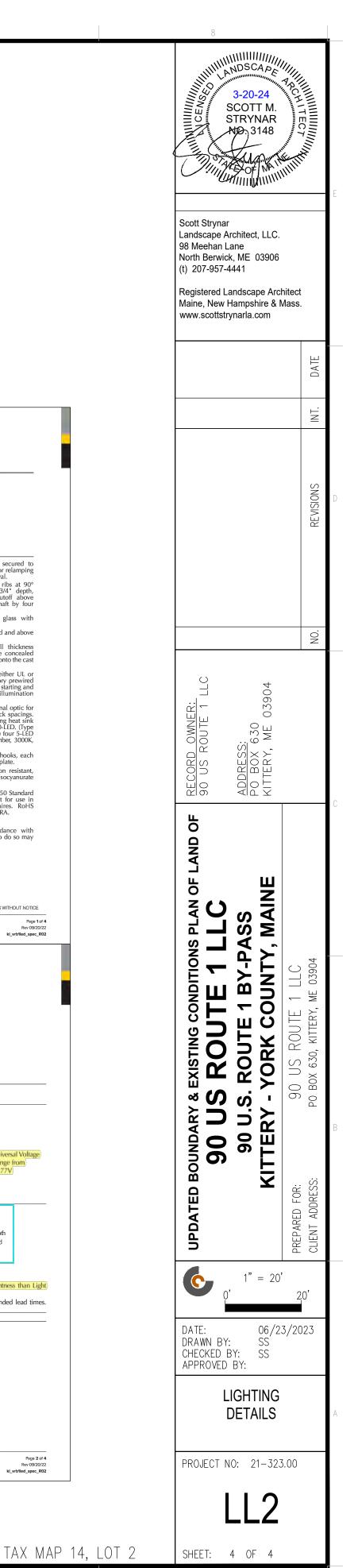
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Rev 12/21/22

POSTS FOR POLE MOUNTED AREA LIGHTS

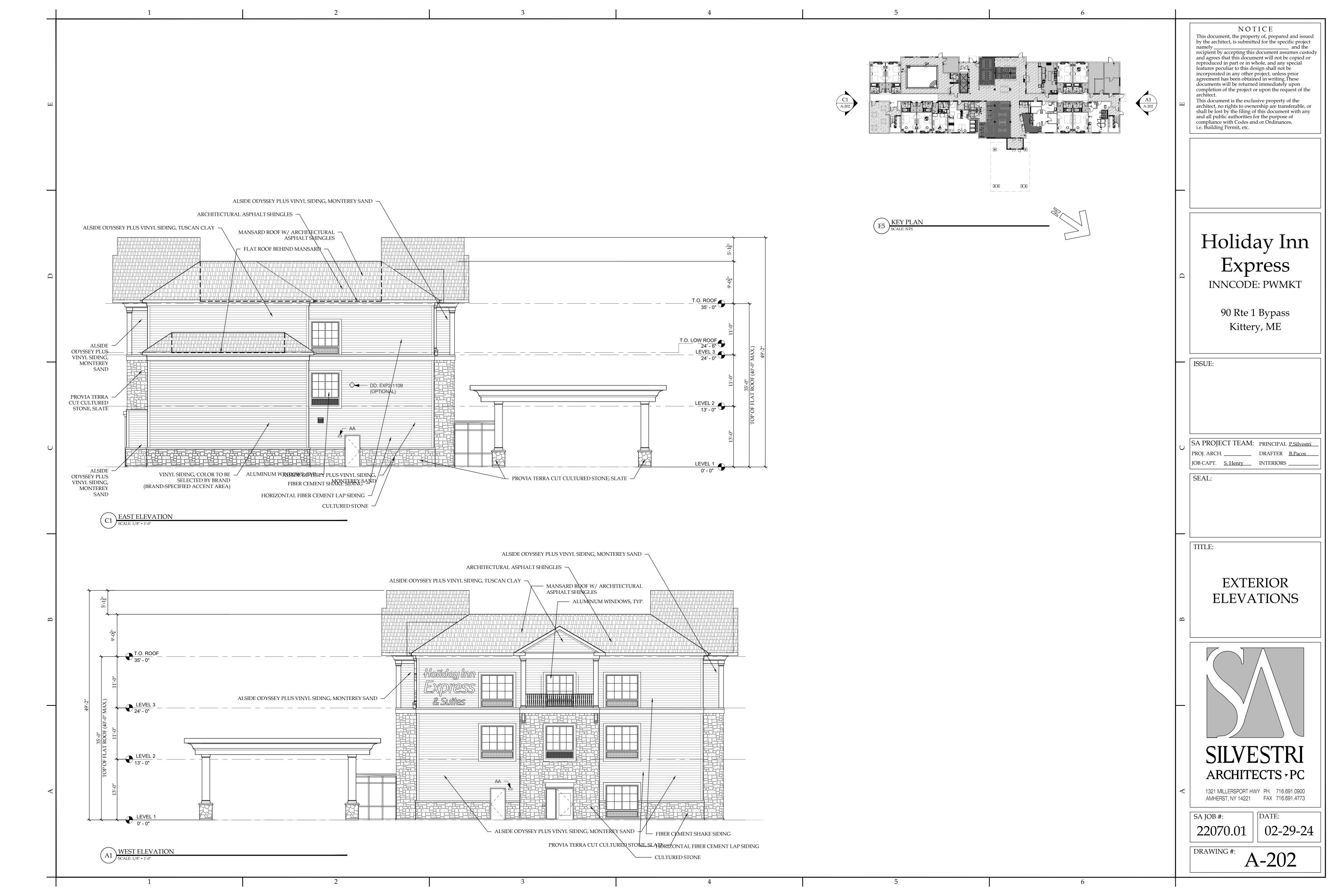
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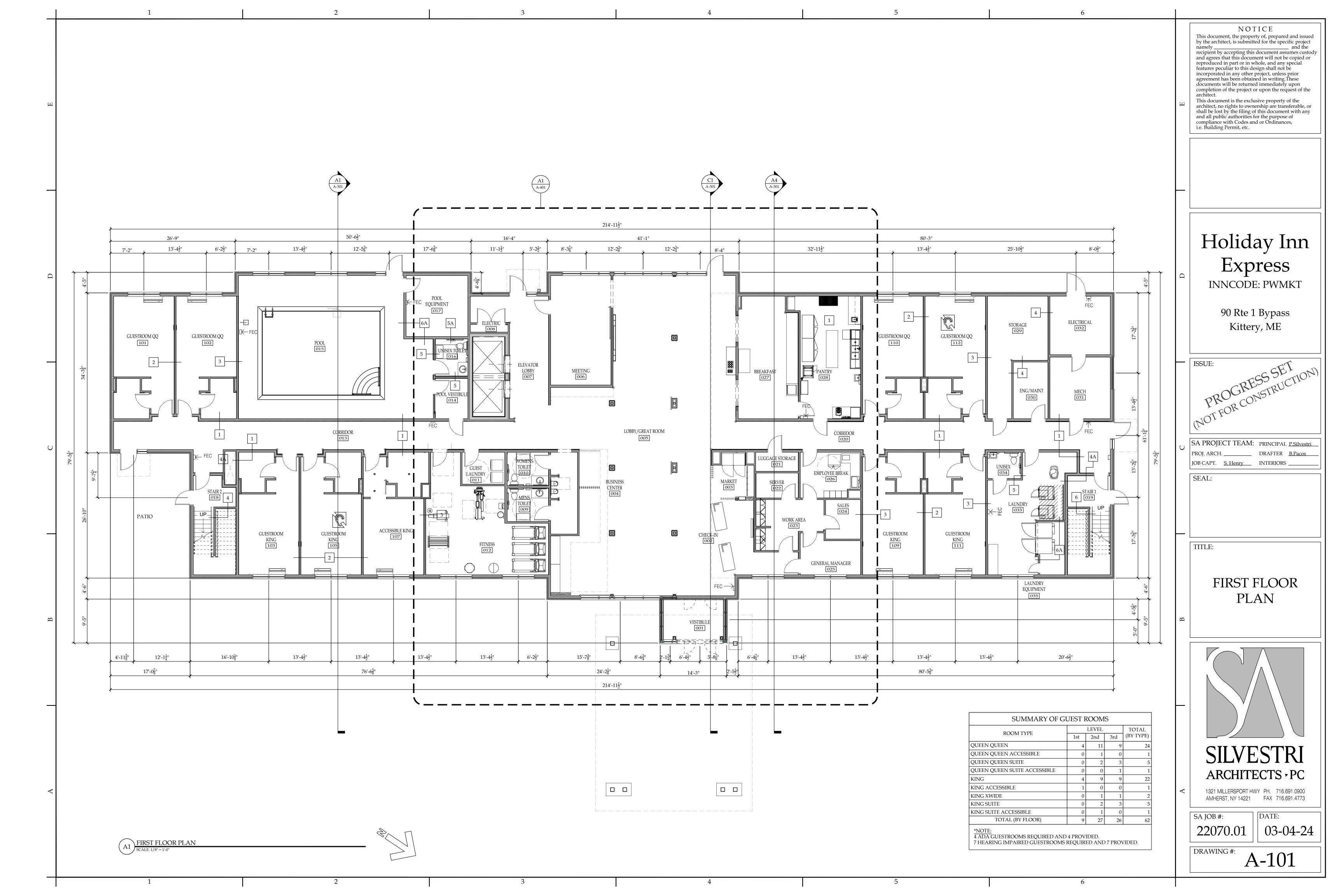
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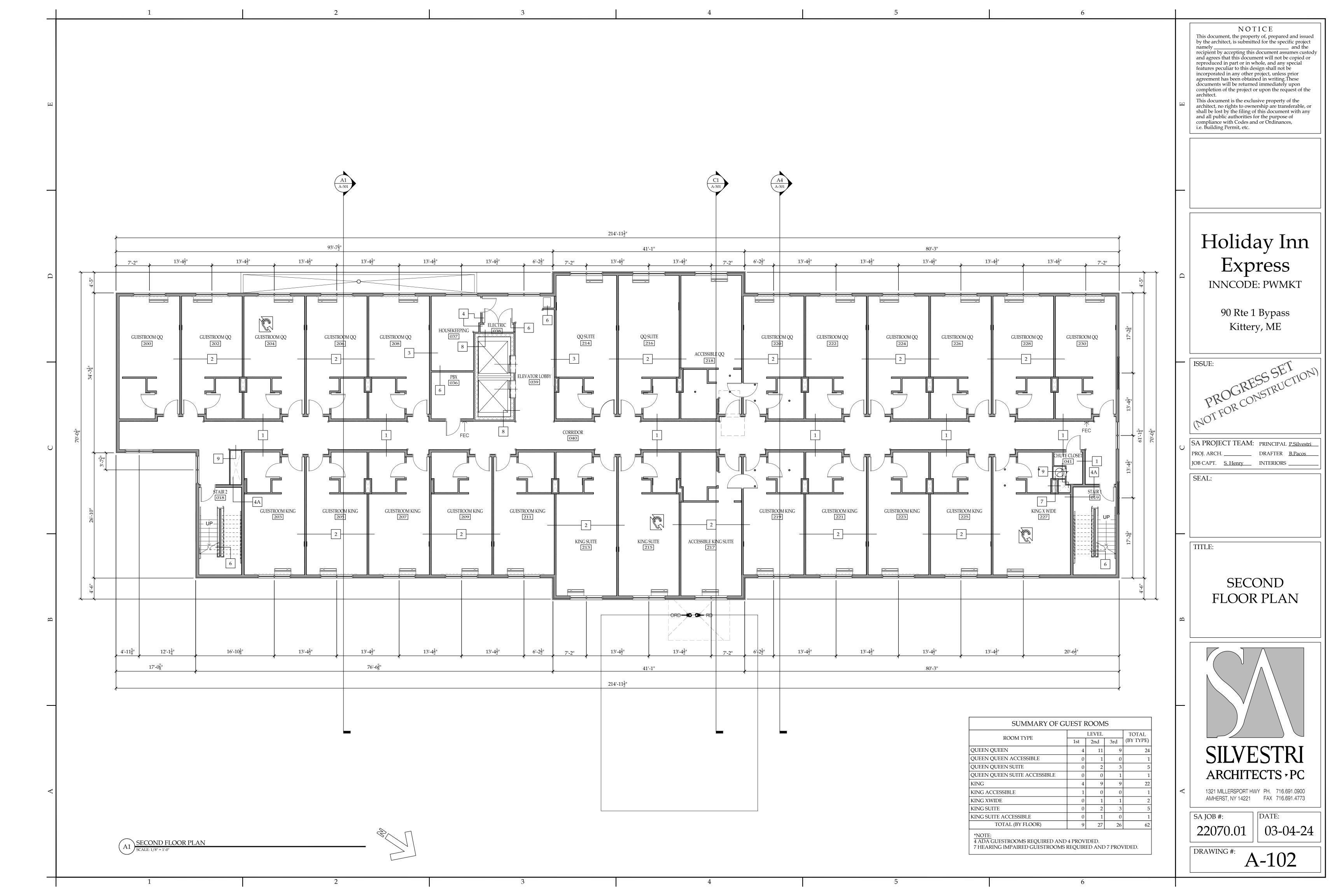


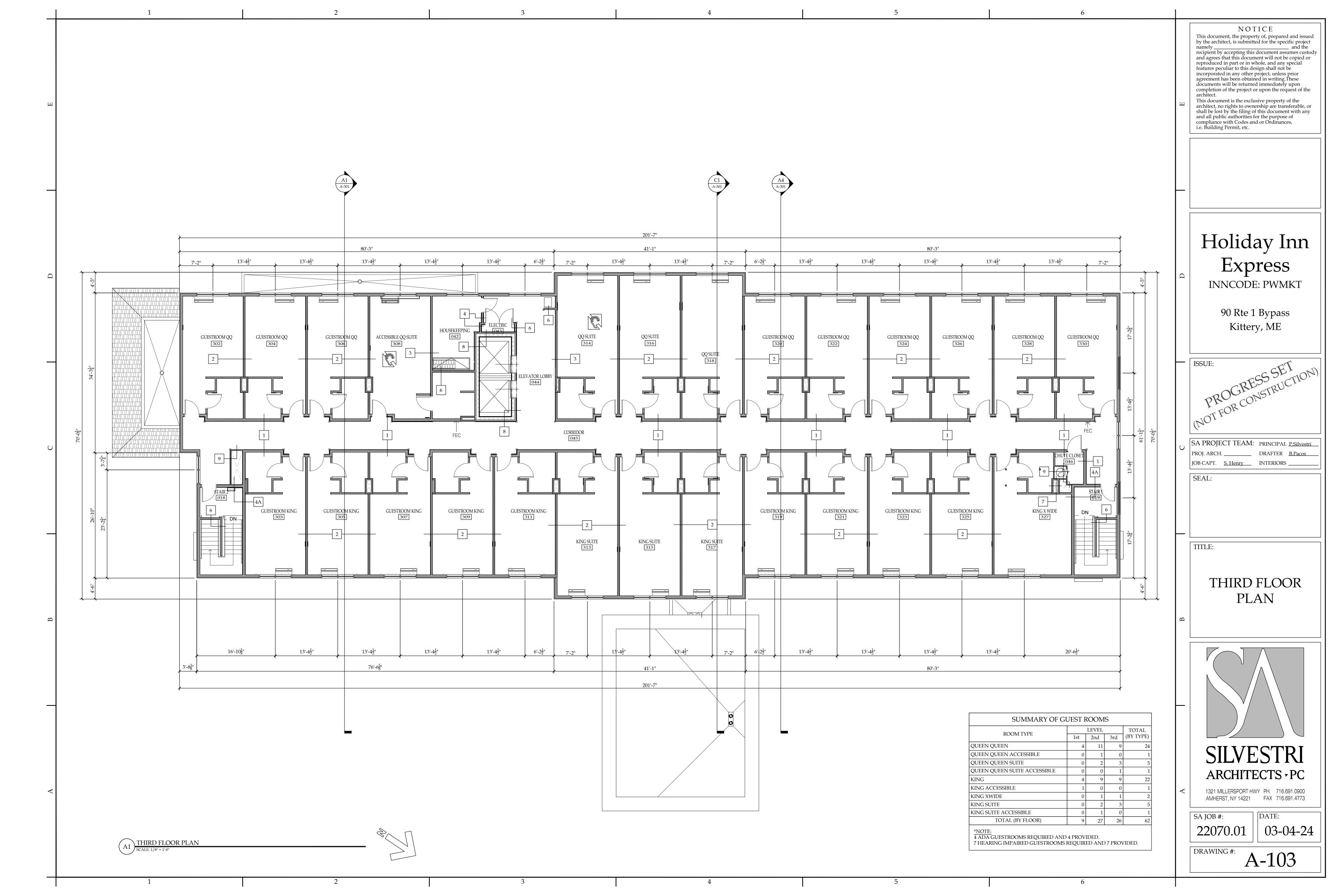


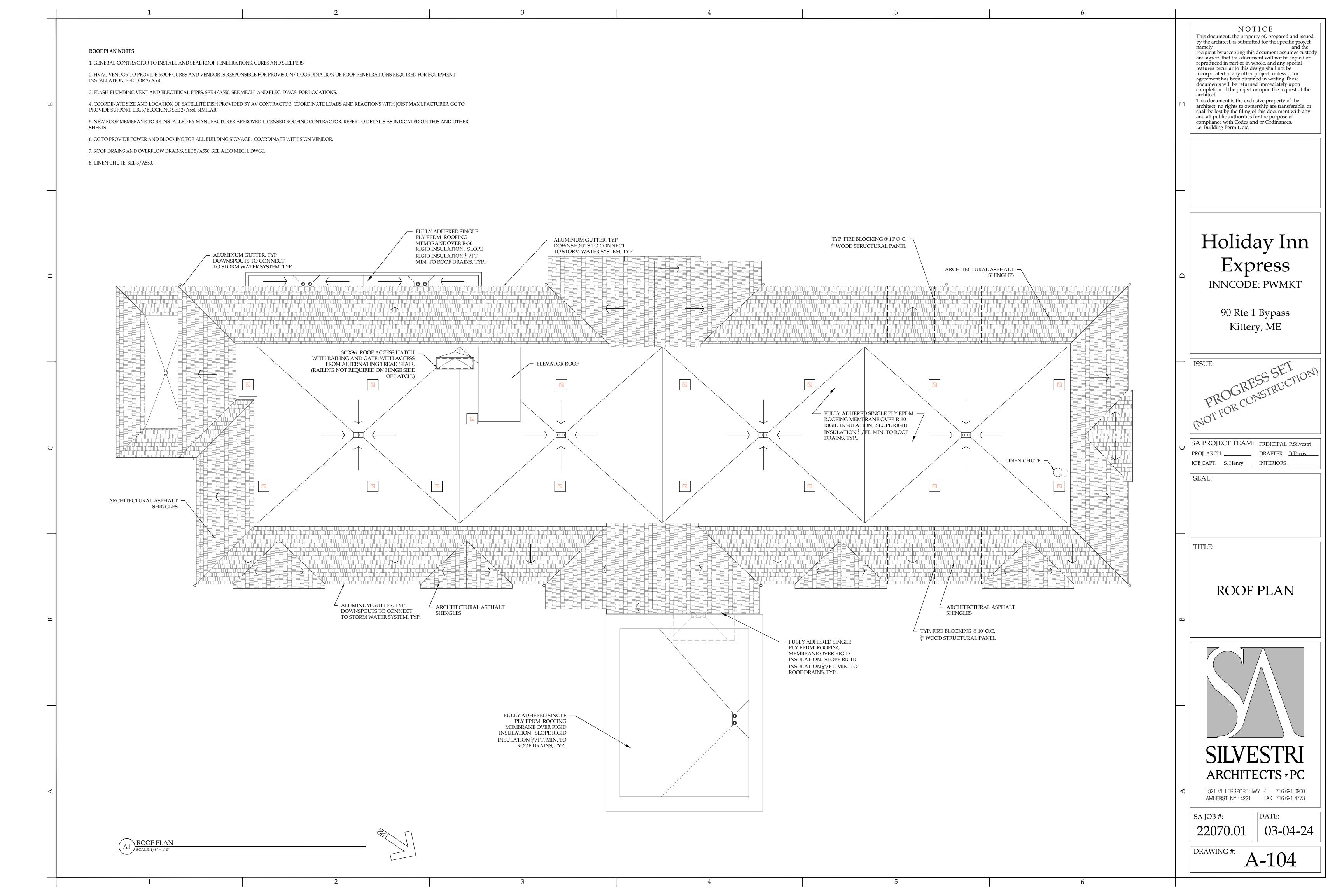












CIVIL CONSULTANTS MEMORANDUM

TO: Town of Kittery Planning Department

FROM: Geoffrey R. Aleva, P.E.

DATE: 04/19/2024

SUBJECT: Article 16.7.10.D(3)(4) Final Plan Review

PROJECT: 21-323.00 – 90 U.S. Route 1 Bypass – Tax Map 14, Lot 2

Holiday Inn Express – Hotel Redevelopment

COMM	ENTS	RESPONSES
16.7.10.	D Final plan review.	
	(3) Final plan requirements. A complete final plan application must fulfill all the requirements of a preliminary plan as indicated in § 16.7.10C of this section and must show the following items, unless the Planning Board, by formal action, upon the applicant's written request, waives or defers any requirement(s) for submission. If no changes occurred to the preliminary plan, it also may be considered to be the final plan.	There have been no substantive changes from the preliminary approval. Applicant has added comments from the board and abutters to the site plans.
(a)	Preliminary plan information, including vicinity map and any amendments thereto suggested or required by the Planning Board or other required reviewing agency.	Provided with preliminary approval
(b)	Street names and lines, pedestrian ways, lots, easements and areas to be reserved for or dedicated to public use.	No areas to be dedicated to public use proposed.
(c)	Street length of all straight lines, the deflection angles, radii, lengths of curves and central angles of all curves, tangent distances and tangent bearings.	N/A to this project.
(d)	Lots and blocks within a subdivision, numbered in accordance with local practice.	N/A to this project.
(e)	Markers/permanent reference monuments. Their location, source references and, where required, constructed in accordance with specifications herein.	Refer to provided plans for details
(f)	Structures, their location and description, including signs, to be placed on the site, floor plans and elevations of principal structures as well as detail of all structures, showing building materials and colors, and accesses located within 100 feet of the property line.	Refer to provided plans for details
(g)	Outdoor lighting and signage plan if the application involves the construction of more than 5,000 square feet of nonresidential floor area; or the creation of more than 20,000 square feet of impervious area; or the creation of three or more dwelling units in a building, prepared by a qualified lighting professional,	Refer to provided plans for details



	showing at least the following at the same scale as the site plan:	
1.	All buildings, parking areas, driveways, service areas,	
	pedestrian areas, landscaping and proposed exterior	
	lighting fixtures and snow storage;	
2.	All proposed lighting fixture specifications and	
	illustrations, including photometric data, designation	
	as cutoff fixtures, color rendering index (CRI) of all	
	lamps (bulbs), and other descriptive information on the	
2	fixtures;	
3. 4.	Mounting height of all exterior lighting fixtures; Lighting analyses and luminance level diagrams or	
4.	photometric point-bypoint diagrams on a twenty-foot	
	grid, showing that the proposed installation conforms	
	to the lighting level standards of the ordinance codified	
	in this section together with statistical summaries	
	documenting the average luminance, maximum	
	luminance, minimum luminance, average-to-minimum	
	uniformity ratio, and maximum-to-minimum	
	uniformity ratio for each parking area, drive, canopy	
5.	and sales or storage area; Drawings of all relevant building elevations, showing	
3.	the fixtures, the portions of the walls to be illuminated,	
	the luminance levels of the walls, and the aiming	
	points for any remote light fixtures; and	
6.	A narrative that describes the hierarchy of site lighting	
	and how the lighting will be used to provides safety,	
	security and aesthetic effects.	
(h)	Machinery in permanently installed locations likely to	Refer to provided plans for details
	cause appreciable noise at the lot lines.	
(i)	Materials (raw, finished or waste) storage areas, their	N/A to this project.
	types and location, and any stored toxic or hazardous	
	materials, their types and locations.	
(j)	Fences, retaining walls and other artificial features,	Refer to provided plans for details
	locations, and dimensions proposed.	
(k)	Landscaping plan, including location, size and type of	Refer to provided plans for details
	plant material.	
(1)	Stormwater management plan for stormwater and other	Refer to provided plans for details. The
	surface water drainage prepared by a registered	applicant has also provided detailed
	professional engineer, including the location of	stormwater maintenance protocols.
	stormwater and other surface water drainage area; a post-construction stormwater management plan that	
	defines maintenance responsibilities, responsible	
	parties, shared costs, and schedule for maintenance; a	
	draft maintenance agreement for stormwater	
	management facilities; and, where applicable, draft	
	documents creating a homeowners' association	
	referencing the maintenance responsibilities. Where	
	applicable, the maintenance agreement must be	
	included in the document of covenants, homeowners'	
	documents and/or as riders to the individual deed and	
	recorded with the York County Registry of Deeds.	
(4)	Written submission requirements.	



(a) Municipal impact analysis of the relationship of the revenues to the Town from the development and the costs of additional publicly funded resources, including:	Refer to provided plans for details
 Review for impacts. A list of the construction items that will be completed by the developer prior to the sale of lots. 	N/A to this project.
 Municipal construction and maintenance items. A list of construction and maintenance items that must be borne by the municipality, which must include, but not be limited to: a) Schools, including busing; b) Road maintenance and snow removal; c) Police and fire protection; d) Solid waste disposal; e) Recreation facilities; f) Runoff water disposal drainageways and/or storm sewer enlargement with sediment traps. 	This Hotel project will not have an impact to schools or bussing. The site plans indicate the projects proposed development to address snow removal, solid waste and stormwater. During the site plan review process the project has been vetted by Police, Fire and Public Works.
 Municipal costs and revenues. Cost estimates to the Town for the above services and the expected tax revenue of the development. 	N/A to this project.
(b) Open space land cession offers. Written offers of cession to the municipality of all public open space shown on the plan, and copies of agreements or other documents showing the manner in which space(s), title to which is reserved by the subdivider, are to be maintained.	N/A to this project.
(c) Open space land cession offers acknowledgement by Town. Written evidence that the municipal officers are satisfied with the legal sufficiency of the documents referred to in § 16.7.10D(4)b. Such written evidence does not constitute an acceptance by the municipality of any public open space referred to in § 16.7.10D(4)b.	N/A to this project.
(d) Maintenance plan and agreement defining maintenance responsibilities, responsible parties, shared costs and schedule. Where applicable, a maintenance agreement must be included in the document of covenants, homeowners' documents and/or as riders to the individual deed.	N/A to this project.
(e) Estimated costs. Specify the estimated total cost of the development and itemize the estimated major expenses. The itemization of major costs should include, but not be limited to, the costs of the following activities: roads, sewers, structures, water supply, erosion control, pollution abatement and landscaping.	Information to be provided. Applicant to work with staff.
(f) The applicant shall demonstrate they have sent written notice of their filing for minor site plan review by postage paid, first-class mail (cost to be paid by the applicant) to all owners of abutting property, as herein defined (within 150 feet of the property).	N/A to this project

J:\aaa\2021\2123200\PLANNING BOARD\FINAL SITE PLAN\202400419-2132300-Final Plan Checklist (Zoning Ordinance 16.7.10.D (3) (4).docx





CMA ENGINEERS, INC. CIVIL | ENVIRONMENTAL | STRUCTURAL

35 Bow Street Portsmouth, New Hampshire 03801-3819

> P: 603 | 431 | 6196 www.cmaengineers.com

May 3, 2024

Maxim Zakian, Town Planner Town of Kittery 200 Rogers Road Kittery, Maine 03904

RE: Town of Kittery, Planning Board Services
90 US Route 1 Proposed Hotel Development Review #3
Tax Map 14, Lot 2
CMA #591.172

Dear Max:

CMA Engineers has received the following information for Assignment #172, review #2 of the proposed hotel at 90 US Route 1 Bypass (Tax Map 14, Lot 2):

- 1) "Redevelopment Plan of Land of 90 US Route 1 LLC, Map 14, Lot 2, Kittery, Maine" by Civil Consultants, dated January 5, 2024, revised February 16, 2024, and March 21, 2024.
- 2) Civil Consultants memorandum dated April 3, 2024.

The project consists of one lot (Map 14, Lot 2) with an area of approximately 1.56 acres. The lot is located in the Commercial 3 (C-3) district. There are no wetlands on site. The project includes construction of a 3-story, 62-room hotel with associated parking and access drives.

The development will be served by public sewer on Old Post Road and Kittery Water District will provide water from US Route 1 Bypass. Stormwater management is through a subsurface sand filter.

We have reviewed the information submitted for conformance with the Kittery Land Use and Development Code (LUDC) and general engineering practices and offer the comments below that correspond directly to the Town's Ordinances.

16.5 General Performance Standards

16.5.25 Sprinkler systems

16.5.25.(1)(a)&(d) — The building is required to be sprinkled, but a fire suppression service is not shown on the plan, only an 8" service off of the existing 6" line is shown. The applicant indicates that they anticipate a 6" fire service and a 1.5-2" domestic service will be required, and that final design will be determined after the mechanical engineers complete the building design. We reiterate that the Kittery Water District and the Kittery Fire Department coordination is required for design approval.

The applicant previously indicated that a letter of capacity was provided, but we did not receive this letter. This comment remains unaddressed.

16.7 General Development Requirements

16.7.11 Performance Standards and Approval Criteria

16.7.11.A. Water supply

The proposed water service is a proposed 8" poly pipe service from the US Route 1 Bypass 6" cast iron water main. The service is proposed to be directionally drilled under the bypass. The details show a gate valve and thrust blocks but the locations of these are not shown on the plan. The applicant indicates that since the service will be directionally drilled, the values and final locations are not yet determined.

We reiterate that the applicant should secure information from Kittery Water District with respect to design approval when a full design is submitted.

16.7.11.B. Sewage Disposal

The proposed sewer is a 6" PVC line to an on-site sewer manhole with a drop and then to a proposed manhole in Old Post Road. The applicant has indicated that they have been in contact with Kittery sewer services during design and staff review. We reiterate that they should secure design approval and confirm capacity with Kittery sewer services.

16.7.11.C. Stormwater and surface drainage

The proposed stormwater management system uses closed drainage and a subsurface sand filter to treat and manage stormwater.

With the addition of a sidewalk to the rear of the proposed hotel, the total area of disturbance exceeds the threshold for a Maine Construction General Permit from the Maine Department of Environmental Protection. The applicant has indicated that this stormwater application was submitted on February 22, 2024. The Town of Kittery should be copied on MDEP correspondence.

We reiterate the following remaining comment on the drainage analysis and design:

1. The applicant has not assessed the condition of the downstream drainage. Despite decreasing flows to this system, an assessment of the existing facilities is an accepted engineering practice. This comment remains unaddressed, again.

General Engineering

We note that:

1. Complete water and sewer designs are still not yet fully developed. There are additional details involved with directional drilling of the water main under Route 1 that have not yet been provided. Approval of the proposed water and sewer services should be secured. The applicant has indicated that they will work with water and sewer during construction.



2. The applicant could not determine who owns the existing drainage that crosses the property and indicates that the line will be inspected and repaired as necessary during work in coordination with the department of public works.

We have the following comments on the plans:

Sheet L1 – Proposed Site Plan

1. There appears to be work in US Route 1 at the entrance with respect to tying into the existing pavement. Please provide additional information – notes, limits of work, details, striping, etc. to describe this area. This note remains unaddressed.

Sheet U1 – Utility Plan

- 1. Provide information on directional drilling of water main. The applicant indicates they are coordinating with Kittery Water District.
- 2. Show the location of the gate valve. The applicant indicates they are coordinating with Kittery Water District.

Should you have any questions, please do not hesitate to call.

Very truly yours,

CMA ENGINEERS, INC.

Jodie Bray Strickland, P.E.

Senior Project Engineer

cc: Geoffrey Aleva, P.E., Civil Consultants



CIVIL CONSULTANTS MEMORANDUM

то:	Town o	of Kittery	FROM:	Geoffrey R. Aleva, P.E.	DATE:	May 16, 2024
SUBJ	ECT:	90 US Route 1 Proposed Hotel Development Review #3				
PROJECT: 90 US Route 1 Proposed Hotel Development C.C. Project 2132300						

Following please find CIVIL CONSULTANTS's responses to the memorandum from CMA ENGINEERS, INC.-Jodie Bray Strickland, P.E. dated May 3, 2024.

COMMENT	RESPONSE
16.5 General Performance Standards	
16.5.25 Sprinkler systems 16.5.25.(1)(a)&(d) – The building is required to be sprinkled, but a fire suppression service is not shown on the plan, only an 8" service off of the existing 6" line is shown. The applicant indicates that they anticipate a 6" fire service and a 1.5-2" domestic service will be required, and that final design will be determined after the mechanical engineers complete the building design. We reiterate that the Kittery Water District and the Kittery Fire Department coordination is required for design approval. The applicant previously indicated that a letter of capacity was provided, but we did not receive this letter. This comment remains unaddressed.	Per the building engineer, a 6" fire service and a 3" domestic service will be required. See callout on sheet L1. Capacity information has been provided to Town Staff by the Water District.
16.7 General Development Requirements	
16.7.11 Performance Standards and Approval Criteria 16.7.11.A. Water supply	Gate valve locations have been added to the plans. See sheet L1.
The proposed water service is a proposed 8" poly pipe service from the US Route 1 Bypass 6" cast iron water main. The service is proposed to be directionally drilled under the bypass. The details show a gate valve and thrust blocks but the locations of these are not shown on the plan. The applicant indicates that since the service will be directionally drilled, the values and final locations are not yet determined.	Since the water service will be directionally drilled to the site, the values and final locations are not yet determined. The proposed water service is to be coordinated with Kitter Water District.
We reiterate that the applicant should secure information from Kittery Water District with respect to design approval when a full design is submitted.	
16.7.11.B. Sewage Disposal The proposed sewer is a 6" PVC line to an on-site sewer manhole with a drop and then to a proposed manhole in Old Post Road. The applicant has indicated that they have been in contact with Kittery sewer services during design and staff review. We reiterate that they should secure design approval and confirm capacity with Kittery sewer services.	Capacity issues have been taken care of by the Kittery planning office.
16.7.11.C. Stormwater and surface drainage The proposed stormwater management system uses closed drainage and a subsurface sand filter to treat and manage stormwater.	An acceptance letter for the stormwater management permit application submitted on February 22, 2024 has been sent to Kittery planning staff.

CIVIL CONSULTANTS MEMORANDUM

With the addition of a sidewalk to the rear of the proposed hotel, the total area of disturbance exceeds the threshold for a Maine Construction General Permit from the Maine Department of Environmental Protection. The applicant has indicated that this stormwater application was submitted on February 22, 2024. The Town of Kittery should be copied on MDEP correspondence. We reiterate the following remaining comment on the drainage analysis and design: 1. The applicant has not assessed the condition of the downstream drainage. Despite decreasing flows to this system, an assessment of the existing facilities is an accepted engineering practice. This comment remains unaddressed, again.	 MDOT has reviewed and accepted our proposed drainage design. No issue was found with the existing downstream facilities.
General Engineering We note that: 1. Complete water and sewer designs are still not yet fully developed. There are additional details involved with directional drilling of the water main under Route 1 that have not yet been provided. Approval of the proposed water and sewer services should be secured. The applicant has indicated that they will work with water and sewer during construction. 2. The applicant could not determine who owns the existing drainage that crosses the property and indicates that the line will be inspected and repaired as necessary during work in coordination with the department of public works.	 To the extent practical the required details have been added to the plans to complete the design. We will work with the water and sewer departments to comply with their standards during construction. All capacity statements have nn Kittery planning office. Our office could not find any information on the ownership of this drain line. The line will be inspected during the work and repaired as needed in coordination with the public works department.
We have the following comments on the plans: Sheet L1 – Proposed Site Plan 1. There appears to be work in US Route 1 at the entrance with respect to tying into the existing pavement. Please provide additional information – notes, limits of work, details, striping, etc. to describe this area. This note remains unaddressed.	1. See the sawcut line and callout added to sheet DEM for the limit of work in US Route 1. There is existing striping on US Route 1 in front of the proposed development that will not be altered by the work.
Sheet U1 – Utility Plan	1. The applicant will be working with the Kittery Water District to complete the
 Provide information on directional drilling of water main. The applicant indicates they are coordinating with Kittery Water District. Show the location of the gate valve. The applicant indicates they are coordinating with Kittery Water District. 	directional drilling and waterline improvements. 2. The gate valve locations have been added to sheet L1. The final locations will be coordinated with the Kittery Water District.

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Route one Bypass, Kittery

Watermain Upgrade proposal

November 15, 2023

- Install 275 linear feet of 8" water main
- Install 2 8" mainline gate valves
- Install 2 8" MJ tees, one for each hotel
- Install 2 8" MJ valves, one for each hotel
- Install 1 -8" x 6" MJ tee, for the fire hydrant
- Install 1 − 6" MJ valve for the fire hydrant
- Install 1 Fire hydrant
- Hydrostatic testing, chlorination, and bacteria testing

Total estimated cost \$54,000.00

Total estimated cost divided equally by the Kittery Water District and the two hotels would be \$18,000.00 per party.

Michael S. Rogers

Superintendent

TOWN OF KITTERY

Office of the Sewer Department

18 Dennett Road, Kittery, ME 03904 Telephone: 207-439-4646 | Fax: 207-439-2799 tbabkirk@kitteryme.org | www.kitteryme.gov

January 10, 2024

Re: Treatment Plant Capacity-Acceptance Letter 90 Route One By-Pass Kittery, ME 03904

This letter is to confirm the capacity of sanitary sewer discharge for the proposed Project at 90 Route One By-Pass in the Town of Kittery Maine. The sewer system (piping and pumping stations) and the treatment plant will have the capacity and ability to handle the discharge flow requiring treatment and disposal if the project receives all required approvals.

This project must follow all specifications in accordance with design and performance standards set by the Kittery Sewer Department found in Title 13 of the Town Code.

Before the connection to the Kittery Sewer line, you will need to obtain a sewer permit from the Town of Kittery, pay all Impact and Entrance fees, and contact the Sewer Department for an inspection. Before the inspection is completed you will need to submit a rough drawing of the sewer line location on the property.

During the engineering and construction process plans may change, if they do, consideration for acceptance may change. Please notify me of any changes in design or construction.

If you have any questions or concerns, please do not hesitate to reach out to me by phone at 207-439-4646 or by email at tbabkirk@kitteryme.org.

Sincerely,

Timothy Babkirk

Sewer Department Superintendent

Town of Kittery Maine