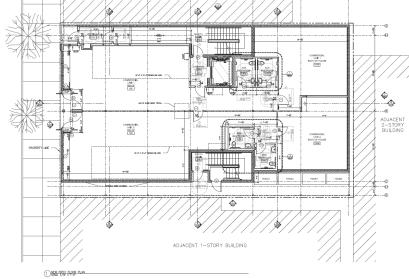
Providence City Plan Commission May 17, 2022



AGENDA ITEM 5 • 279 THAYER STREET





Site plan

Aerial view of the site

OVERVIEW

OWNER/ APPLICANT: CASE NO./ PROJECT TYPE:	Two Cousins LLC c/o Michael Boutros, Owner and applicant 22-023 MA Master Plan		The applicant is proposing to demolish the existing buildings to construct a new mixed-use four story building with two commercial units on the ground floor and residences on the upper three stories. Combination of the master and preliminary plan stages is requested.
PROJECT LOCATION:	279 Thayer Street C-2 zoning district, I-3E overlay	RECOMMENDATION:	Approval of the Master and Preliminary Plan subject to the noted findings
NEIGHBORHOOD:	AP 13 Lot 28 College Hill	PROJECT PLANNER:	Choyon Manjrekar



Building elevation and rendering

PROJECT OVERVIEW

The subject lot measures approximately 4,900 SF and is occupied by three buildings that the applicant is proposing to demolish to construct a four story mixed use building with two commercial units on the ground floor, a total of 12 residential units on the upper three stories, and basement space. The site is zoned C-2 under the I-3E overlay. The applicant is requesting to combine master and preliminary plan approval.

ANALYSIS AND IDENTIFICATION OF POTENTIAL ISSUES

<u>Use</u>

The property is zoned C-2 under the I-3E overlay. Mixed use development is permitted by right in the C-2 zone with no restriction on the number of dwelling units per lot. The I-3E overlay permits higher educational uses and is intended to encourage development along commercial corridors in proximity to institutions by promoting pedestrian activity at the street levels and varied uses on upper floors. The development will conform to the intent of the overlay by providing commercial space on the ground floor and apartments above, which will provide a mix of two and three bedroom units.

Dimensions and site design

The three buildings occupying the lot will be demolished with the building set to the front, side and rear lot lines. A height of approximately 49' and four stories is proposed which is within the 50' height limit of the zone. Over 60% of the front façade will be located at the front lot line, meeting the design requirement of the C-2 zone. Residents will enter from a recessed entry on the northern portion of the building. The entrance to the commercial area will exceed the 50% transparency requirement. Each unit will be accessed from a 5.5' recessed entrance, with each being less than 8' in width. A covered walkway providing access to trash pickup and the southern stairway is located at the southern end of the building.

The upper stories will be treated with fiber cement paneling with a lighting strip shaped like an inverted 'L' running on the side and parallel to the roof line, providing variety to the façade. The building's design and materials conform to the design requirements of the C-2 zone with no design waivers required.

Landscaping

A total of 740 SF of canopy coverage is required based on the size of the lot. The applicant is proposing to meet this requirement by retaining and/or replacing two street trees adjacent to the site.

Environmental management

An erosion control plan that will employ compost sock and siltsack sediment traps has been included with the submission. The development is exempt from the City's stormwater ordinance. Rooftop runoff will be carried via roof drains to an underground drainage pipe that will connect to the drainage main on Thayer Street.

Parking

No parking is required as the lot measures less than 10,000 SF. Two bicycle spaces are required to meet the bicycle parking requirement of one bicycle space for every five units. A total of three spaces will be provided, of which two will be long term and located in the basement. The applicant should indicate the location of the bike parking spaces on the final plan.

Lighting

Illumination will be provided on the building facades through recessed can lights within building projections and above entryways. Additional lighting will also be provided in the light fixture on the front building façade. Cut sheets of light fixtures are provided and there will be no trespass onto neighboring properties.

Combination of stages

Based on the foregoing analysis, it is the DPD's opinion that the CPC should vote to combine review of the master and preliminary plan stages, finding that the submission meets the requirements for both stages with no waivers or variances required.

FINDINGS

Section 806 of the Commission's *Development Review Regulations* requires that the City Plan Commission make the following findings as part of their approval of all land development project applications. Based on the analysis contained herein and subject to the conditions contained in this report, staff has prepared the following findings regarding the request for approval of the master and preliminary plan stages:

1. Consistency—The proposed development is consistent with the Comprehensive Plan and/or has satisfactorily addressed the issues where there may be inconsistencies.

The subject property is located in an area that the future land use map of Providence Tommorow: The Comprehensive Plan intends for Neighborhood Commercial/Mixed Use development. The plan describes these areas as ones intended to foster pedestrian oriented needs like retail and housing in buildings oriented toward the street. The development conforms to this land use designation. As the building will be located on a commercial corridor, it conforms to objective BE-2 of the plan which encourages new development to complement traditional character. Creation of housing will conform to objective H-2 of the plan which encourages creation of new housing.

2. Compliance with Zoning Ordinance—The proposed development is in compliance with the standards and provisions of the Zoning Ordinance.

Use: Mixed use development is permitted by right in the C-2 zone.

Dimension: The development conforms to the dimensional and design requirements of the C-2 zone.

Parking: No parking is required, but the applicant will meet the bicycle parking requirement.

Landscaping: The applicant will meet the landscaping requirement by retaining and/or replacing two existing street trees.

Lighting: A lighting plan has been submitted.

3. Environmental Impact—There will be no significant environmental impacts from the proposed development as shown on the final plan, with all required conditions for approval.

No negative environmental impacts are expected as the applicant is expected to come into conformance with applicable environmental regulations.

4. Buildable Lot—The subdivision or development project, as proposed, will not result in the creation of individual lots with such physical constraints to development that building on those lots according to pertinent regulations and building standards would be impracticable.

There are no physical constraints that impact development of this property, as the lot complies with the dimensional requirements of the C-2 zone with no impediments to development.

5. Street Access—All proposed development projects and all subdivision lots shall have adequate and permanent physical access to a public street. Lot frontage on a public street without physical access shall not be considered compliance with this requirement.

Adequate pedestrian access will be provided from Thayer Streeet

RECOMMENDATION

1. The CPC should vote to combine review of the master and preliminary plan stages.

2. The CPC should vote to approve the master/preliminary plans subject to the following conditions:
The final plan shall include the location of bike parking in the basement.

•Any replacement of street trees shall be subject to the City Forester's approval.

3. Final plan approval should be delegated to DPD staff.

COMBINED MASTER PLAN & PRELIMINARY PLAN FILING FOR A MAJOR LAND DEVELOPMENT PROJECT

THAYER STREET REDEVELOPMENT A PROPOSED MIXED-USE BUILDING CONSISTING OF 2 COMMERCIAL UNITS & 12 RESIDENTIAL UNITS

279 THAYER STREET PROVIDENCE, RHODE ISLAND AP 13, LOT 28

ZONING DISTRICT: C-2 GENERAL COMMERCIAL DISTRICT & IE-3 EDUCATIONAL INSTITUTIONAL OVERLAY DISTRICT

FILINGS:

COMBINED MASTER PLAN AND PRELIMINARY PLAN: PROVIDENCE CITY PLAN COMMISSION (CPC) **PROVIDENCE WATER SUPPLY BOARD - DOMESTIC AND FIRE PROTECTION CONNECTION APPLICATION NARRAGANSETT BAY COMMISSION - SEWER CONNECTION PERMIT CITY OF PROVIDENCE ENGINEERING DIVISION**

PROJECT TEAM								
<i>OWNER/ APPLICANT:</i>	TWO COUSINS, LLC C/O MICHAEL BOUTROS 217 OLD RIVER ROAD LINCOLN, RI 02865 PHONE: 401-965-6852	CIVIL:	JOE CASALI ENGINEERING, INC. 300 POST ROAD WARWICK, RI 02888 PHONE: 401-944-1300 FAX: 401-944-1313					
ARCHITECT:	BISBANO & ASSOCIATES, INC. 188 VALLEY STREET PROVIDENCE, RI 02909 PHONE: 401-404-8310 FAX: 401-404-8311	SURVEYOR:	OCEAN STATE PLANNERS, INC. 1255 OAKLAWN AVENUE CRANSTON, RI 02920 PHONE: 401-463-9696					



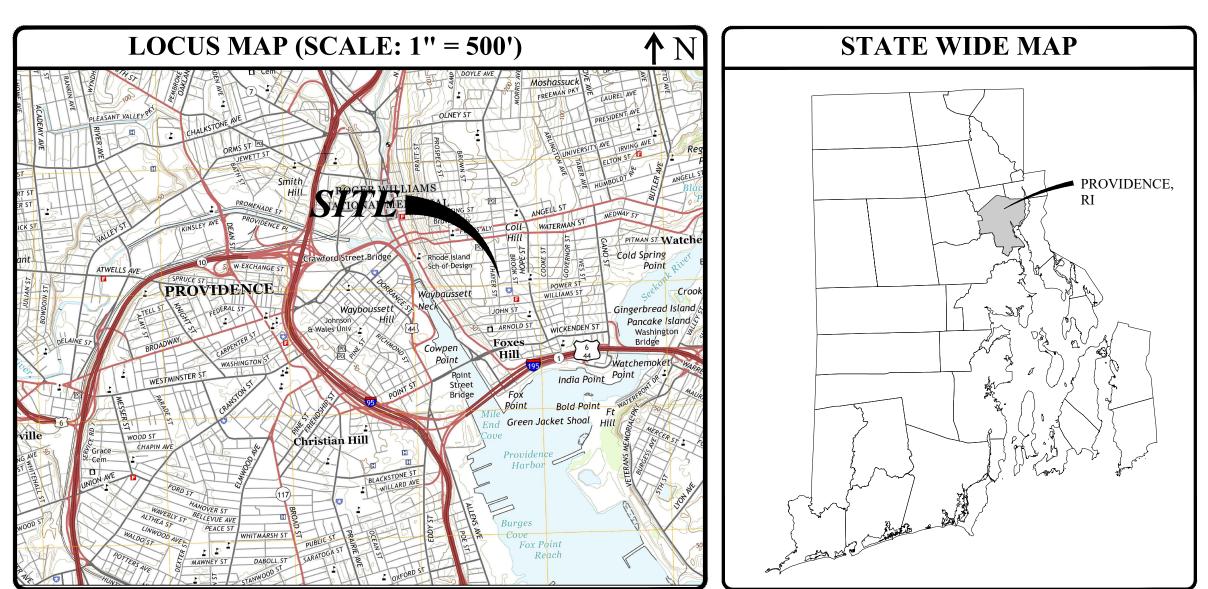


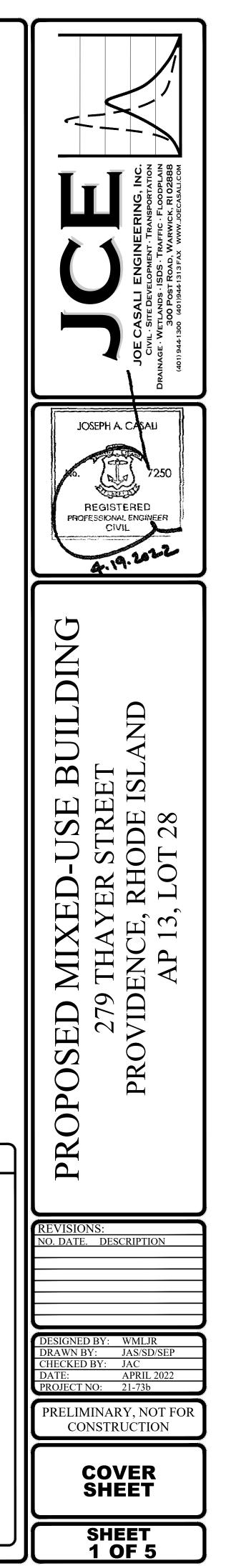


IMAGE COURTESY OF BISBANO + ASSOCIATES, INC., DATED FEBRUARY 2022

INDEX OF DRAWINGS

SHEET NO.	PLAN

- COVER SHEET
- GENERAL NOTES AND LEGEND
- EXISTING CONDITIONS & SITE PREPARATION PLAN SITE, GRADING, DRAINAGE & UTILITY PLAN
- SITE DETAILS



GENERAL NOTES

THIS PLAN IS BASED ON CLASS I LIMITED CONTENT BOUNDARY SURVEY DATED APRIL 2021, AND A CLASS III TOPOGRAPHIC SURVEY DATED MARCH 2022, PERFORMED BY OCEAN STATE PLANNERS, INC. LOCATED AT 1255 OAKLAWN AVENUE, CRANSTON, RI.

- THE LOCATION AND DEPTH OF EXISTING UTILITIES ARE APPROXIMATE AND HAVE BEEN PLOTTED FROM THE LATEST AVAILABLE INFORMATION. THE UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE ALL INCLUSIVE. THE CONTRACTOR SHALL CHECK AND VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES, BOTH OVERHEAD AND UNDERGROUND, AND "DIG-SAFE" MUST BE NOTIFIED PRIOR TO COMMENCING ANY CONSTRUCTION OPERATIONS. RESTORATION AND REPAIR OF DAMAGE TO EXISTING UTILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WITH NO ADDITIONAL COST THE OWNER. NO EXCAVATION SHALL COMMENCE UNTIL ALL INVOLVED UTILITY COMPANIES AND/OR CITY WHOSE FACILITIES MIGHT BE AFFECTED BY ANY WORK TO BE PERFORMED BY THE CONTRACTOR ARE NOTIFIED AT LEAST 72 HOURS IN ADVANCE.
- THE SITE IS LOCATED ON THE FLOOD INSURANCE RATE MAP FOR PROVIDENCE COUNTY, MAP NUMBER 440007C0309K, BASED ON THE FEMA FLOOD INSURANCE RATE MAP, DATED OCTOBER 2, 2015. THE SITE AND ALL ADJACENT SITES LIE IN ZONE X - AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL-CHANCE FLOOD HAZARD AREA.
- SOILS ON THE SITE CONSIST OF PAXTON-URBAN LAND COMPLEX, 3 TO 15 PERCENT SLOPES (PD). THESE SOILS ARE GENERALLY WELL DRAINED, WITH A DEPTH TO THE SEASONAL HIGH GROUNDWATER OF 18 TO 37-INCHES, BELONGING TO HYDROLOGIC GROUP D.
- THERE ARE NO KNOWN WETLANDS ON SITE. THE SITE IS LOCATED WITHIN THE SEEKONK-PROVIDENCE RIVER WATERSHED (RIDEM INVENTORY NO. 010900040901).
- THERE IS AN EASEMENT ON THE SUBJECT PROPERTY; "COMMON EASEMENT AGREEMENT PER DEED B.K. 9399/P.G. EASEMENT WITH PLAN". THERE ARE NO KNOWN EXISTING PUBLIC RECREATIONAL OR CULTURAL RESOURCES LOCATED WITHIN THE SUBJECT SITE.

SITE NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING (R&D) OF ALL MATERIALS INDICATED ON THE PLANS.
- ACCESSIBLE ROUTES, PARKING SPACES, RAMPS, SIDEWALKS, AND WALKWAYS SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE FEDERAL AMERICAN WITH DISABILITIES ACT AND WITH ALL APPLICABLE STATE AND LOCAL LAWS AND REGULATIONS, WHICHEVER IS MORE STRINGENT.
- STOCKPILES OF EARTH MATERIALS SHALL NOT BE LOCATED ADJACENT TO DRAINAGE STRUCTURES.
- ALL DISTURBED AREAS OUTSIDE OF THE PAVED AREAS WILL RECEIVE A MINIMUM OF 6" OF LOAM AND SEED.
- THE LAYOUT SHOWN REPRESENTS A GRAPHICAL DESIGN, AND PRIOR TO THE CONSTRUCTION, THE CONTRACTOR SHALL ENGAGE A PROFESSIONAL LAND SURVEYOR (PLS) REGISTERED IN THE STATE OF RHODE ISLAND TO SET AND VERIFY ALL LINES AND GRADES. ALL EXISTING UTILITY LOCATIONS AND ELEVATIONS ARE TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY ITEMS FOUND WHICH DO NOT MATCH THE PLANS MUST BE BROUGHT TO THE ENGINEERS ATTENTION PRIOR TO CONSTRUCTION FOR REVIEW. NO WORK SHALL PROCEED UNTIL AUTHORIZED BY THE ENGINEER.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN SURVEY LAYOUT SERVICES FOR THE WORK AND SHALL SUBMIT "AS-BUILT" DRAWINGS OF ALL WORK, WHICH SHALL BE STAMPED AND CERTIFIED BY A RHODE ISLAND REGISTERED PROFESSIONAL LAND SURVEYOR.
- ANY ITEM OF WORK NOT SPECIFICALLY INDICATED ON THE PLANS BUT IS REQUIRED FOR THE COMPLETE CONSTRUCTION OF THE PROJECT WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND INCLUDED IN THE CONTRACT BID PRICE. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING SITE CONDITIONS.
- REFER TO ARCHITECTURAL PLANS, STRUCTURAL PLANS, PLUMBING PLANS, FIRE PROTECTION PLANS, AND ELECTRICAL PLANS, FOR ACTUAL SIZE OF THE PROPOSED BUILDING AND WORK WITHIN 5 FEET OF THE PROPOSED BUILDING.
- WHERE NECESSARY TO REMOVE CURBS, CATCH BASINS OR DRAINS TO COMPLETE WORK, THE CONTRACTOR SHALL REPLACE SUCH ITEMS TO THE SATISFACTION OF BRYANT UNIVERSITY AT NO ADDITIONAL COST TO THE OWNER.
- ANY EXISTING PIPE OR UTILITY DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION OR REPLACE TREES, SHRUBS, FENCES, SIGNS, GUARDRAILS, DRIVEWAYS, SIDEWALKS AND ANY OTHER OBJECT AFFECTED BY THIS OPERATION. UNLESS OTHERWISE NOTED ON THE SITE PLANS.
- 12. THE TOPS OF ALL VALVE BOXES AND CURB BOXES SHALL BE FLUSH WITH GROUND OR PAVEMENT SURFACE LEVEL AND PLUMB, UNLESS OTHERWISE DIRECTED.
- 13. ROADWAYS SHALL BE LEFT PASSABLE AT ALL TIMES. CLOSURE OF ROADWAY IS NOT PERMITTED.
- 14. WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES.
- 15. ALL LEDGE TO BE REMOVED BY MECHANICAL MEANS.
- ALL CONSTRUCTION WORK SHALL BE PERFORMED IN THE DRY. THE CONTRACTOR SHALL PROVIDE, OPERATE AND MAINTAIN ALL PUMPS, DRAINS, WET POINTS, SCREENS, OR OTHER FACILITIES NECESSARY TO CONTROL, COLLECT AND DISPOSE OF ALL SURFACE AND SUBSURFACE WATER ENCOUNTERED IN THE PERFORMANCE OF THE WORK.
- 7. REFER TO PLUMBING PLANS FOR CONTINUATION OF ALL UTILITIES WITHIN 5' (FIVE) FEET OF THE BUILDING.
- 18. ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, BITUMINOUS PAVEMENT, ROADWAY CONSTRUCTION, AGGREGATE MATERIALS, DRAINAGE STRUCTURES, CURBING, SIDEWALK, LANDSCAPING, SAW CUTTING, ETC. SHALL CONFORM TO THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2004 EDITION (WITH LATEST ADDENDA) AND THE RIDOT STANDARD DETAILS, MAY 2015 EDITION (WITH LATEST ADDENDA).

MAINTENANCE AND PROTECTION OF TRAFFIC NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF PEDESTRIAN AND VEHICULAR TRAFFIC INCLUDING POLICE PROTECTION. ALL TEMPORARY AND VEHICULAR SIGNS, BARRICADES AND LANE CLOSURES SHALL BE IN CONFORMANCE WITH THE LATEST REVISIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION.
- TEMPORARY CONSTRUCTION SIGNS AND ALL APPLICABLE TRAFFIC CONTROL DIVIDES SHALL BE IN PLACE PRIOR TO THE START OF WORK IN ANY AREA OPEN TO TRAFFIC.
- THE PRIVATE VEHICLES OF CONSTRUCTION WORKERS SHALL NOT BE PARKED IN THE STATE OR CITY RIGHT-OF-WAY.
- ALL MAINTENANCE AND PROTECTION OF TRAFFIC CONTROL SETUPS, SIGNS CHANNELING DEVICES, ETC, SHALL BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, 2009 EDITION.
- SIGN MOUNTINGS SHALL BE IN ACCORDANCE WITH THE RIDOT SPECIFICATIONS FOR TEMPORARY CONSTRUCTION SIGNS.



OCATION OF EXISTING UTILITIES SHOWN, ARE FROM GATE LOCATION AND STING DOCUMENTATION AND MAY NOT BE ACCURATE. EXACT LOCATION TO BE DONE BY THE APPROPRIATE LITH ITY COMPANY OR MUNICIPALITY PRIOR O ANY EXCAVATION CALL DIGSAFE AT: 1-888-DIG-SAFF 1-888-344-7233

SOIL EROSION AND SEDIMENTATION CONTROL NOTES THE LIMITS OF CLEARING, GRADING, AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE PROPOSED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE OF THESE LIMITS, AS DEPICTED ON THE PLAN SHALL BE TOTALLY UNDISTURBED, TO REMAIN IN NATURAL CONDITION.

- ALL CATCH BASINS SHALL BE PROTECTED WITH SILTSACK SEDIMENT TRAPS DURING CONSTRUCTION ACTIVITIES. ALL PROPOSED STORM WATER DISCHARGE AREAS SHALL BE LINED WITH A RIPRAP SPLASH PAD AND PROTECTED WITH STAKED HAYBALE OUTLET PROTECTION (R.I. STD. 9.1.0), OR STAKED HAYBALE WITH SILT FENCE (R.I. STD. 9.3.0) OUTLET PROTECTION (STAKED HAYBALE OR STAKED HAYBALE WITH SILT FENCE) SHALL ALSO BE INSTALLED AT ALL EXISTING STORMWATER DISCHARGE LOCATIONS WHERE DISTRIBUTING PIPES, CATCH BASINS, AND MANHOLES ARE TO BE CLEANED AND FLUSHED.
- 3. ALL DISTURBED SLOPES EITHER NEWLY CREATED OR CURRENTLY EXPOSED SHALL BE SEEDED, PROTECTED AND MAINTAINED BY THE CONTRACTOR. THE CONTRACTOR SHALL REGULARLY CHECK ALL SEEDED AREAS TO ENSURE THAT A GOOD STANDING OF VEGETATION IS MAINTAINED.
- ALL SILT FENCE, TEMPORARY TREATMENT (HAY, STRAW, ETC.) AND TEMPORARY EROSION PROTECTION SHALL BE MAINTAINED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL AN ACCEPTABLE STAND OF GRASS OR APPROVED GROUND COVER IS ESTABLISHED.
- 5. STOCKPILES OF TOPSOIL SHALL NOT BE LOCATED NEAR WATERWAYS. THEY SHALL HAVE SIDE SLOPES OF NO GREATER THAN 2:1 AND SHALL BE TEMPORARILY SEEDED AND/OR STABILIZED PER CONTRACT SPECIFICATIONS.
- 6. THE SILT FENCE/HAYBALES SHALL BE CHECKED BY THE CONTRACTOR ON A WEEKLY BASIS AND AFTER EACH STORM FOR UNDERMINING OR DETERIORATION. THE CONTRACTOR SHALL REPAIR OR REPLACE ANY SILT FENCE/HAYBALES AS NEEDED. THE CONTRACTOR SHALL CLEAN THE ACCUMULATED SEDIMENT IF HALF OF THE ORIGINAL HEIGHT OF THE HAY-BALES BECOMES FILLED WITH SEDIMENTS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL SOIL EROSION AND SEDIMENT CONTROLS ON THE PROJECT SITE FOR THE ENTIRE DURATION OF THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL FOLLOW THE DIRECTION OF THE RESIDENT ENGINEER, TOWN ENGINEER, OR OWNER WITH REGARD TO INSTALLATION, MAINTENANCE, AND REPAIR OF ALL SOIL EROSION AND SEDIMENTATION CONTROLS ON THE PROJECT SITE. TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROLS (HAYBALES, SILT FENCE, ETC.) SHALL BE MAINTAINED UNTIL ALL EXPOSED SOILS ARE SATISFACTORILY STABILIZED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING AND/OR RESEEDING ALL AREAS THAT DO NOT DEVELOP WITHIN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION.
- 8. ALL REFERENCED SOIL EROSION AND SEDIMENTATION CONTROLS INCLUDING MATERIALS USED, APPLICATION RATES AND THE INSTALLATION PROCEDURES SHALL BE PERFORMED PER THE "RHODE ISLAND EROSION AND SEDIMENTATION HANDBOOK", DATED 1993 AMENDED 2014.
- MISCELLANEOUS UTILITY NOTES:
- THE CONTRACTOR. ANY MODIFICATIONS TO THE PROPOSED UTILITIES TO AVOID CONFLICTS MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION.
- 2. OVERHEAD ELECTRIC AND TELEPHONE SERVICES ARE TO BE REMOVED BY THE APPROPRIATE UTILITY COMPANY AND COORDINATED BY THE CONTRACTOR.
- 3. THE CONTRACTOR SHALL AT ALL TIMES PROVIDE A SUFFICIENT NUMBER OF WORKMEN AND GUARDS AS MAY BE NECESSARY TO PROPERLY SAFEGUARD THE PUBLIC FROM THEIR OPERATIONS.
- 4. THE CONTRACTOR SHALL TAKE PRECAUTIONS AGAINST DAMAGING OF PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES AND SHALL PROMPTLY REPAIR AT THEIR OWN EXPENSE ANY DAMAGE TO SUCH PAVING, SIDEWALKS, UTILITIES, OR PRIVATE PROPERTIES TO THE SATISFACTION OF THE OWNER OR CITY.
- 5. EXISTING UTILITY FRAMES AND COVERS FOR SANITARY SEWER, WATER, GAS, STORM DRAINAGE AND OTHER UTILITIES SHALL BE ADJUSTED TO GRADE AS REQUIRED IN NEW PAVING AND PAVEMENT OVERLAY AREAS.
- 6. ALL SEWER CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE NARRAGANSETT BAY COMMISSION SEWER REQUIREMENTS.
- 7. ALL NEW SEWER PIPES AND MANHOLES SHALL BE CLEANED AND TESTED PRIOR TO ACCEPTANCE. GRAVITY SEWER PIPES SHALL BE REQUIRED TO PASS BOTH LOW PRESSURE AIR AND DEFLECTION (IE., MANDREL) TESTING. LOW PRESSURE SEWER PIPING SHALL BE REQUIRED TO PASS A LOW PRESSURE (IE., HYDROSTATIC) TEST.
- 8. A BACKFLOW PREVENTION DEVICE MUST BE INSTALLED AT EACH SEWER SERVICE BUILDING CONNECTION THAT IS BELOW THE RIM ELEVATION OF THE NEAREST SEWER MANHOLE, AS REQUIRED BY THE INTERNATIONAL PLUMBING CODE AND THE NARRAGANSETT BAY COMMISSION.
- 9. APPLICANT IS REQUIRED TO PROVIDE TWO SETS OF FINAL AS-BUILT PLANS TO NARRAGANSETT BAY COMMISSION AND ENGINEERING DEPARTMENT UPON COMPLETION OF CONSTRUCTION, PRIOR TO FINAL ACCEPTANCE. AS-BUILT PLANS SHALL INCLUDE FIELD MEASUREMENTS OF ALL INSTALLED PIPE AND APPURTENANCES, INCLUDING LENGTH, SLOPE, MANHOLE RIMS AND INVERTS, AS WELL AS SWING TIES/MEASUREMENTS TO ALL MANHOLES, SEWER STUBS, AND/OR LATERAL SERVICE CONNECTIONS.
- 10. INSPECTION OF ALL SEWER CONSTRUCTION SHALL BE PERFORMED BY NARRAGANSETT BAY COMMISSION. APPLICANT SHALL PROVIDE SCHEDULE FOR CONSTRUCTION AS SOON AS POSSIBLE TO ALLOW FOR DEVELOPMENT OF INSPECTION FEE, TO BE PAID BY APPLICANT DIRECTLY TO THE NARRAGANSETT BAY COMMISSION. UPON PAYMENT OF FEE, COMMENCEMENT OF CONSTRUCTION INSPECTION REQUIRES MINIMUM NOTIFICATION OF 48-HOURS.
- 11. APPLICANT IS RESPONSIBLE FOR SECURING ALL REQUIRED PERMITS FROM LOCAL, STATE, AND/OR FEDERAL AGENCIES WITH REGULATORY JURISDICTION OVER THE PROPOSED WORK. COPIES OF ALL PERMITS SHALL BE PROVIDED TO NARRAGANSETT BAY COMMISSION AND CITY ENGINEER PRIOR TO CONSTRUCTION. ALL SEWER CONSTRUCTION SHALL BE PERFORMED BY A DRAIN LAYER LICENSED IN THE STATE OF RHODE ISLAND AND THE TOWN OF SMITHFIELD.
- 12. NO FLOW WILL BE ACCEPTED UNTIL A COMPLETION CERTIFICATE IS ISSUED.
- 13. THE CONTRACTOR SHALL CONFINE HIS CONSTRUCTION OPERATIONS AND ACTIVITIES TO WITHIN THE STREET LINES, EASEMENT AND/OR RIGHT-OF-WAY, AS SHOWN ON THE DRAWINGS.
- 15. PRIOR TO CONSTRUCTION OF THE RELOCATION OF ALL WATER MAINS, THE CONTRACTOR SHALL COORDINATE WITH PROVIDENCE WATER SUPPLY BOARD FOR INSPECTION AND CHLORINATION OF NEW PIPING, FITTINGS AND VALVES.

1. PRIOR TO CONSTRUCTION ALL POTENTIAL UTILITY/DRAINAGE CONFLICTS MUST BE IDENTIFIED BY

DRAINAGE SYSTEM NOTES:

THE PROPOSED DRAINAGE LINES SHALL BE ADS N-12 HDPE PIPE OR AN APPROVED EQUAL UNLESS OTHERWISE NOTED ON THE SITE PLANS.

ALL RIM ELEVATIONS SHOWN ARE APPROXIMATE AND ARE TO BE SET FLUSH WITH FINAL GRADES.

BMP MAINTENANCE SCHEDULE:

ALL MAINTENANCE (INCLUDING CLEANING) REQUIRED DURING THE CONSTRUCTION PHASE OF THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL INCLUDE:

A. MEASURES NEEDED TO ENSURE THE PROPER OPERATION OF THE STORMWATER RUNOFF (DRAINAGE) AND WATER QUALITY CONTROL SYSTEMS TO INCLUDE INSPECTION, CLEANING AND REPAIRS ALL PIPES, INTAKE AND DISCHARGE STRUCTURES, CATCH BASIN SUMPS, AND MANHOLES.

B. INSPECTION OF ALL SLOPES, BERMS, AND OTHER CONTROL STRUCTURES FOR STRUCTURAL INTEGRITY/STABILITY AND EVIDENCE OF SOIL EROSION PROCESSES, AND MAINTENANCE OF THESE STRUCTURES IF NECESSARY. INSPECTIONS SHALL BE PERFORMED FOLLOWING ALL RAIN EVENTS OF 1/2 INCH RAINFALL OR MORE IN A 24-HOUR PERIOD, OR BI-MONTHLY IF NO RAINFALL EVENT OCCURS.

UPON COMPLETION OF THE PROJECT CONSTRUCTION, AND PRIOR TO VACATING THE SITE, THE CONTRACTOR SHALL CONDUCT A FINAL INSPECTION AND CLEANING OF THE DRAINAGE SYSTEM AND ALL ASSOCIATED STRUCTURES.

ALL INSTALLATION, CLEANING, AND MAINTENANCE OF THE STORMWATER DRAINAGE SYSTEM SHALL FOLLOW AT LEAST THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION MINIMUM STANDARDS, SECTION 212 AND SECTION 708. WHERE APPROPRIATE, PROCEDURES REGARDING THE DRAINAGE INSTALLATION, CLEANING, INSPECTION, AND MAINTENANCE OF THE STORMWATER DRAINAGE SYSTEM SHALL BE FOLLOWED AS OUTLINED IN THE "RHODE ISLAND STORMWATER DESIGN AND INSTALLATION STANDARDS MANUAL" (RIDEM/RICRMC, 2010).

4. AFTER CONSTRUCTION, STORMWATER BMPS SHALL BE INSPECTED AND MAINTAINED BY THE OWNER AS FOLLOWS:

ROOF DRAIN LEADERS

- PERFORM ROUTINE ROOF INSPECTIONS QUARTERLY.
- KEEP ROOFS CLEAN AND FREE OF DEBRIS. • KEEP ROOF DRAINAGE SYSTEMS CLEAR.

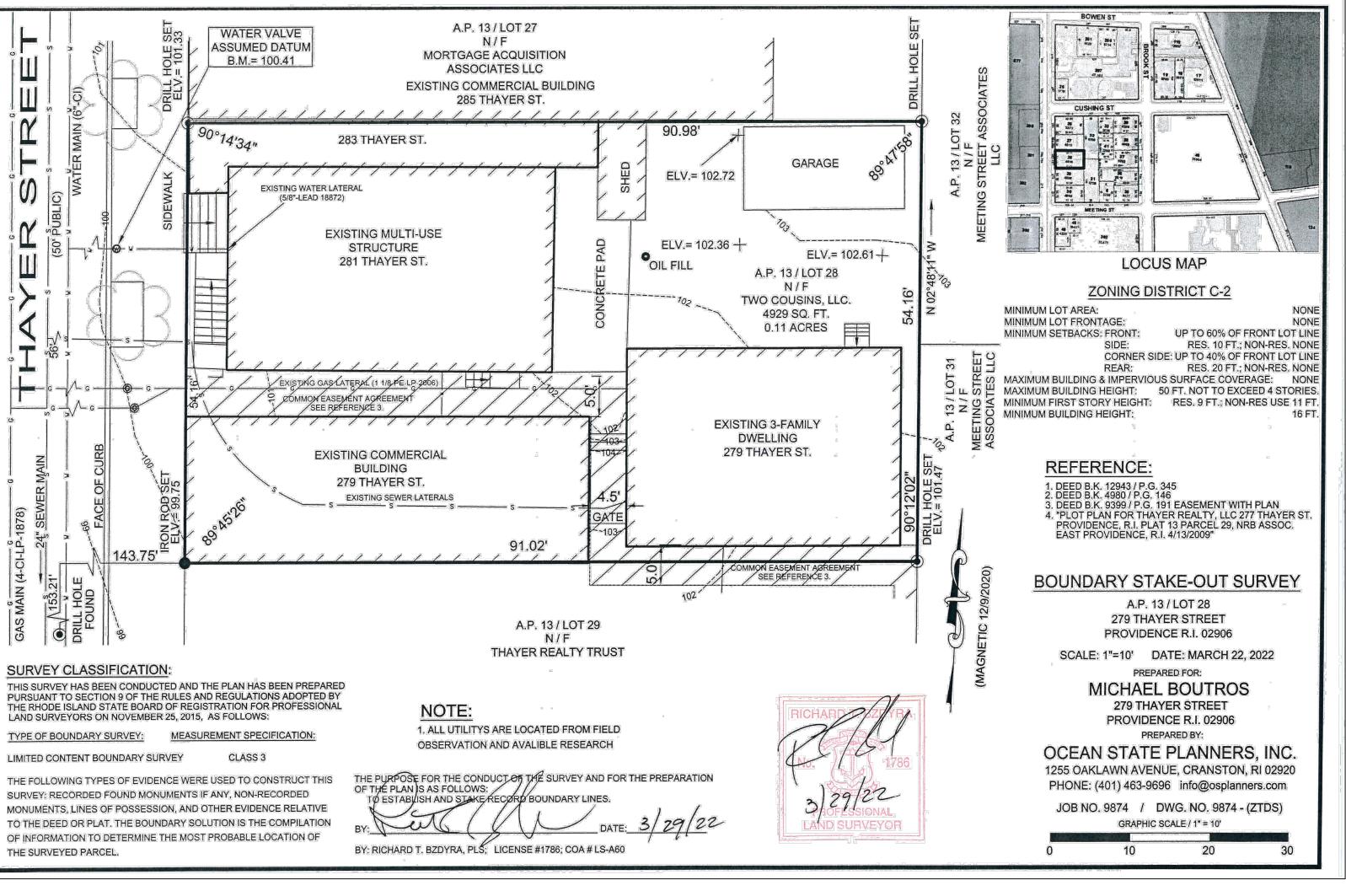
LOAMING & SEEDING SEEDING ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH SECTION L.02 SEEDING OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION, 2010 EDITION (WITH LATEST ADDENDA), AND SHALL ALSO CONFORM TO THE FOLLOWING:

- RAKED TO FINISHED GRADE.
- CONSTRUCTION, 2010 EDITION (WITH LATEST ADDENDA).
- SQUARE FEET.
- 4. OF TOPSOIL.
 - MANUFACTURER.

URI #2 IMPROVED SEED MIX, % BY WEIGHT:

40% CREEPING RED FESCUE 20% IMPROVED PERENNIAL RYEGRASS 20% IMPROVED KENTUCKY BLUEGRASS 20% KENTUCKY BLUEGRASS

RECOMMENDED SEEDING DATES ARE MARCH 15 TO JUNE 15 AND SEPTEMBER 15 TO NOVEMBER 15. AT THE CONTRACTORS DISCRETION, SEED MAY BE APPLIED BY HYDROSEEDING RATHER THAN THE METHOD DESCRIBED ABOVE.



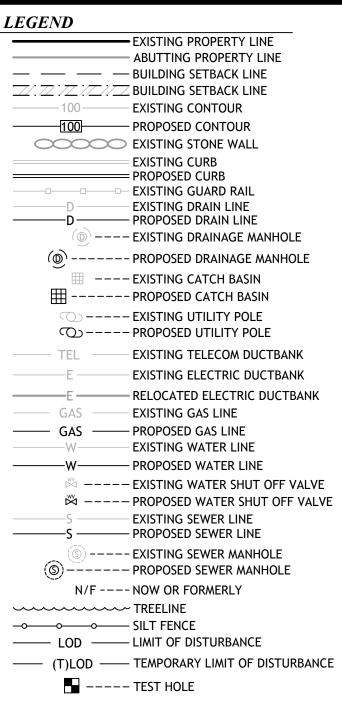
AFTER ROUGH GRADING IS COMPLETED, ALL DISTURBED AREAS AND AREAS LABELED AS 'LOAM AND SEED' ARE TO BE BROUGHT TO AN ELEVATION OF 6" BELOW THE PROPOSED FINISHED GRADE. SCARIFY THE SUBGRADE TO A DEPTH OF 12" WITH THE TEETH OF A BACKHOE OR A POWER RAKE TO RESULT IN AN UNCOMPACTED SUBSOIL. 6" OF GOOD QUALITY TOPSOIL IS TO BE APPLIED AND

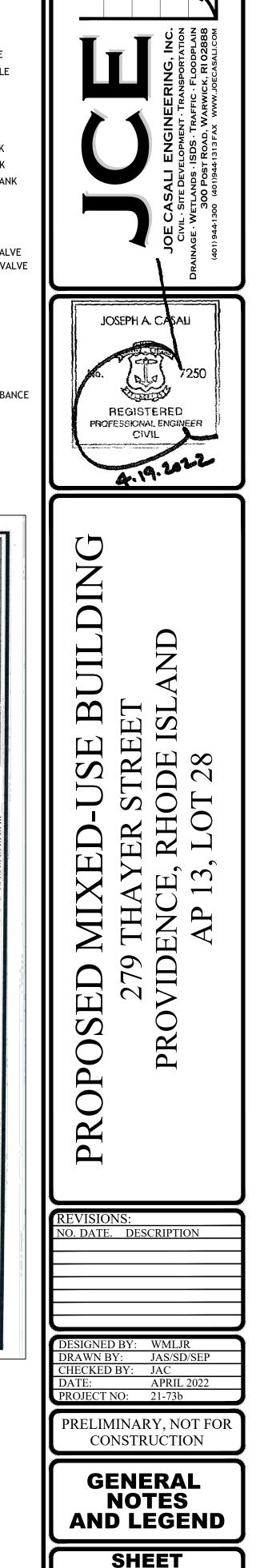
THE TOPSOIL IS TO BE GOOD QUALITY LOAM, FERTILE AND FREE OF WEEDS, STICKS AND STONES OVER 3/4" IN SIZE AND OTHERWISE COMPLYING WITH SECTION M.18.01 OF THE RHODE ISLAND DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE

PRIOR TO SEEDING OR SODDING, FERTILIZE WITH 10-10-10 OR EQUIVALENT ANALYSIS. AT LEAST 40% OF THE FERTILIZER NITROGEN SHALL BE IN SLOW RELEASE FORM. INCORPORATE THE FERTILIZER INTO THE TOP 1-2" OF THE PLANTING SOIL. APPLY AT A RATE OF 8 LBS. PER 1000

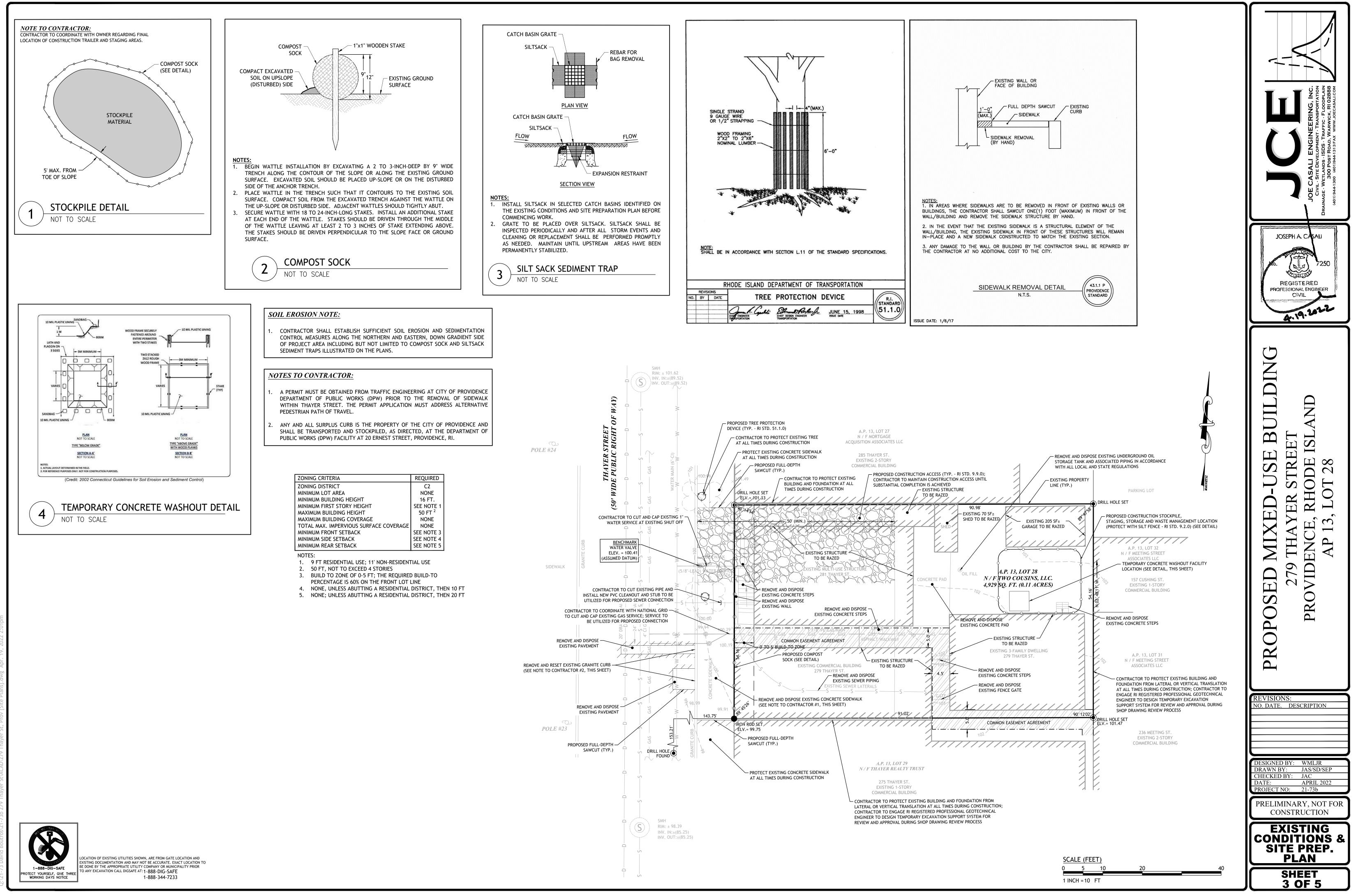
APPLY LIME AT A RATE OF ONE TON PER ACRE AND UNIFORMLY INCORPORATE INTO THE TOP 1-2"

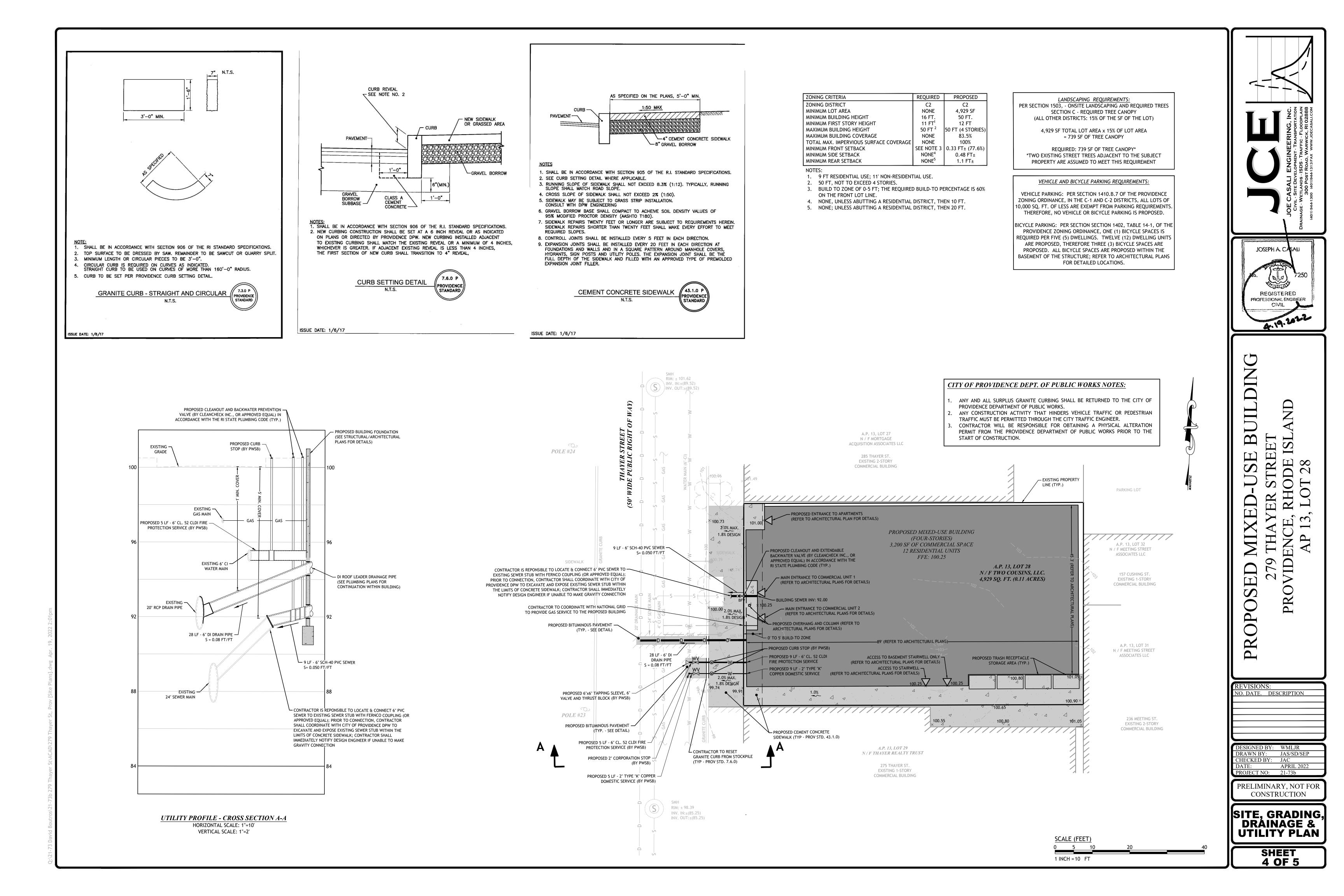
AFTER THE SEED BED IS PREPARED, SEED IS TO BE BROADCAST EVENLY OVER THE SURFACE AND WORKED INTO THE TOP 1" OF SOIL. SEED SHALL BE APPROVED URI #2 OR APPROVED EQUAL. APPLY AT A RATE OF 4-5 LBS. PER 1000 SQUARE FEET OR AS OTHERWISE DIRECTED BY THE

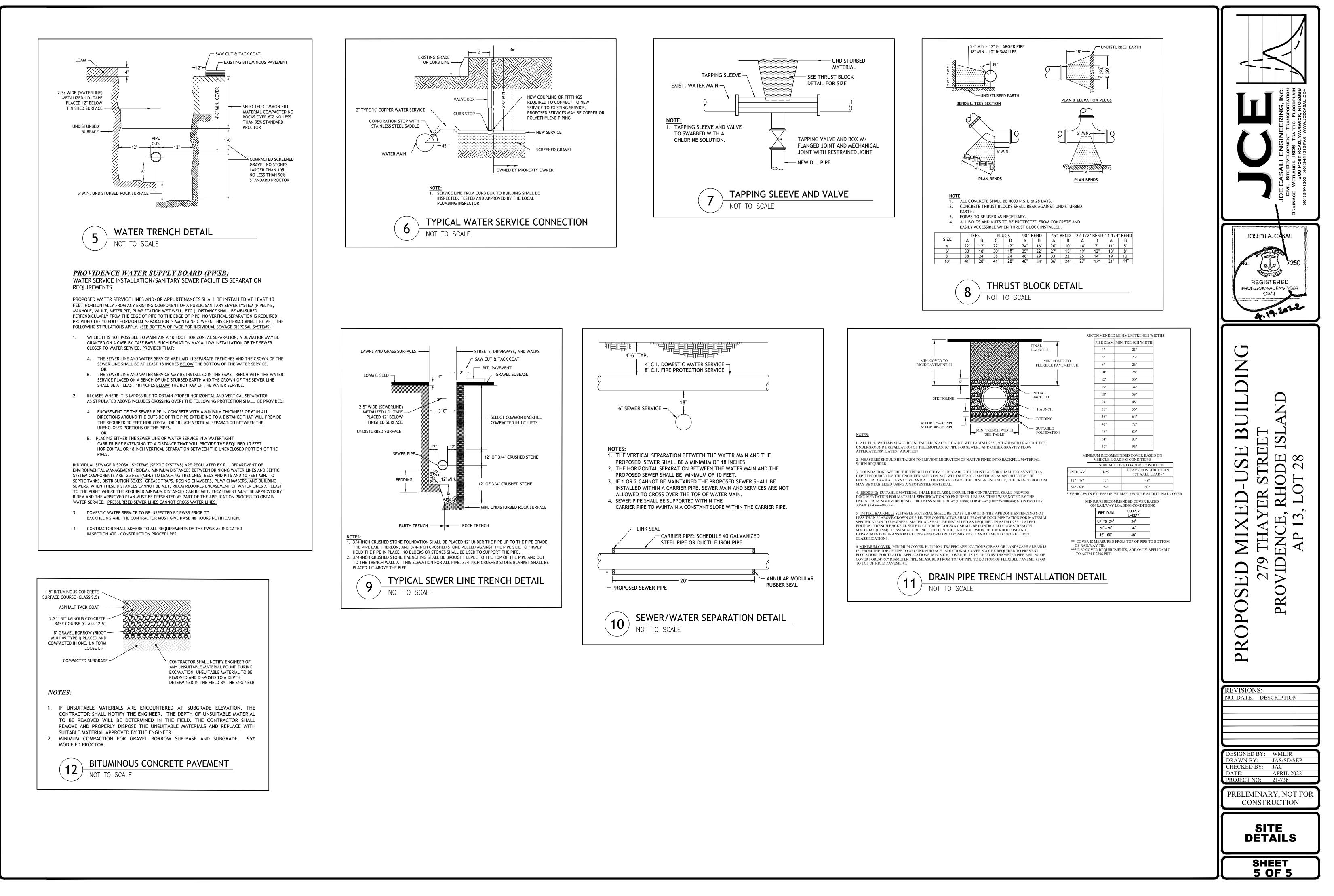




2 OF 5

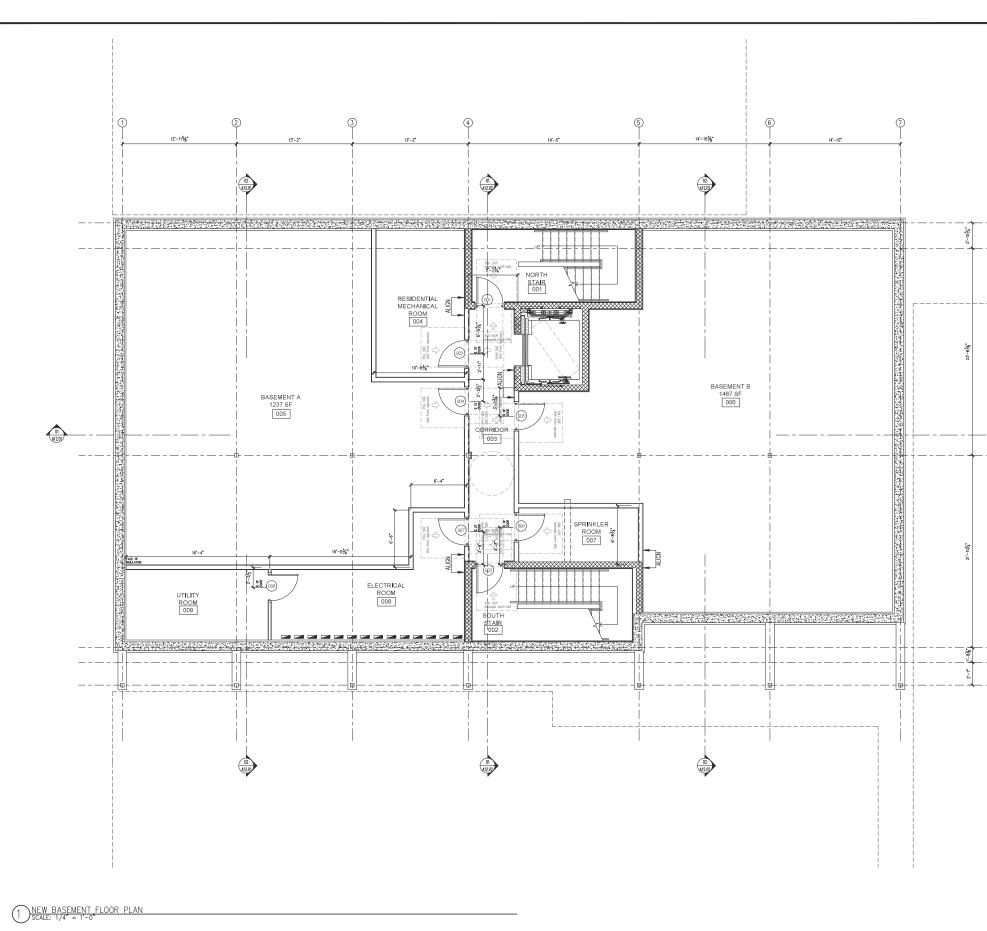


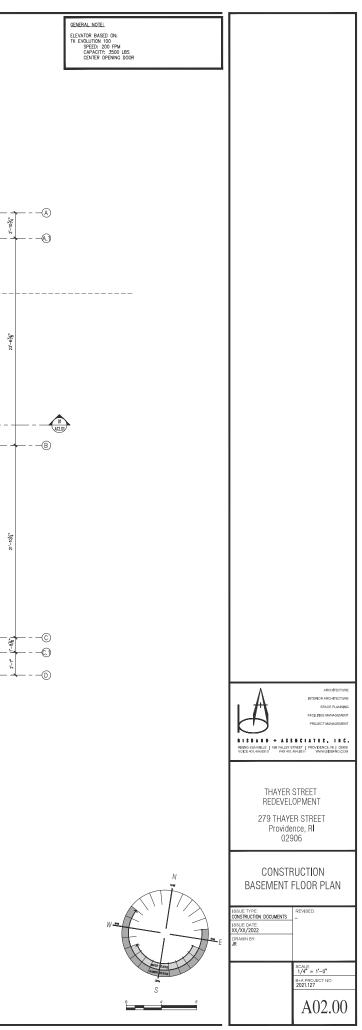


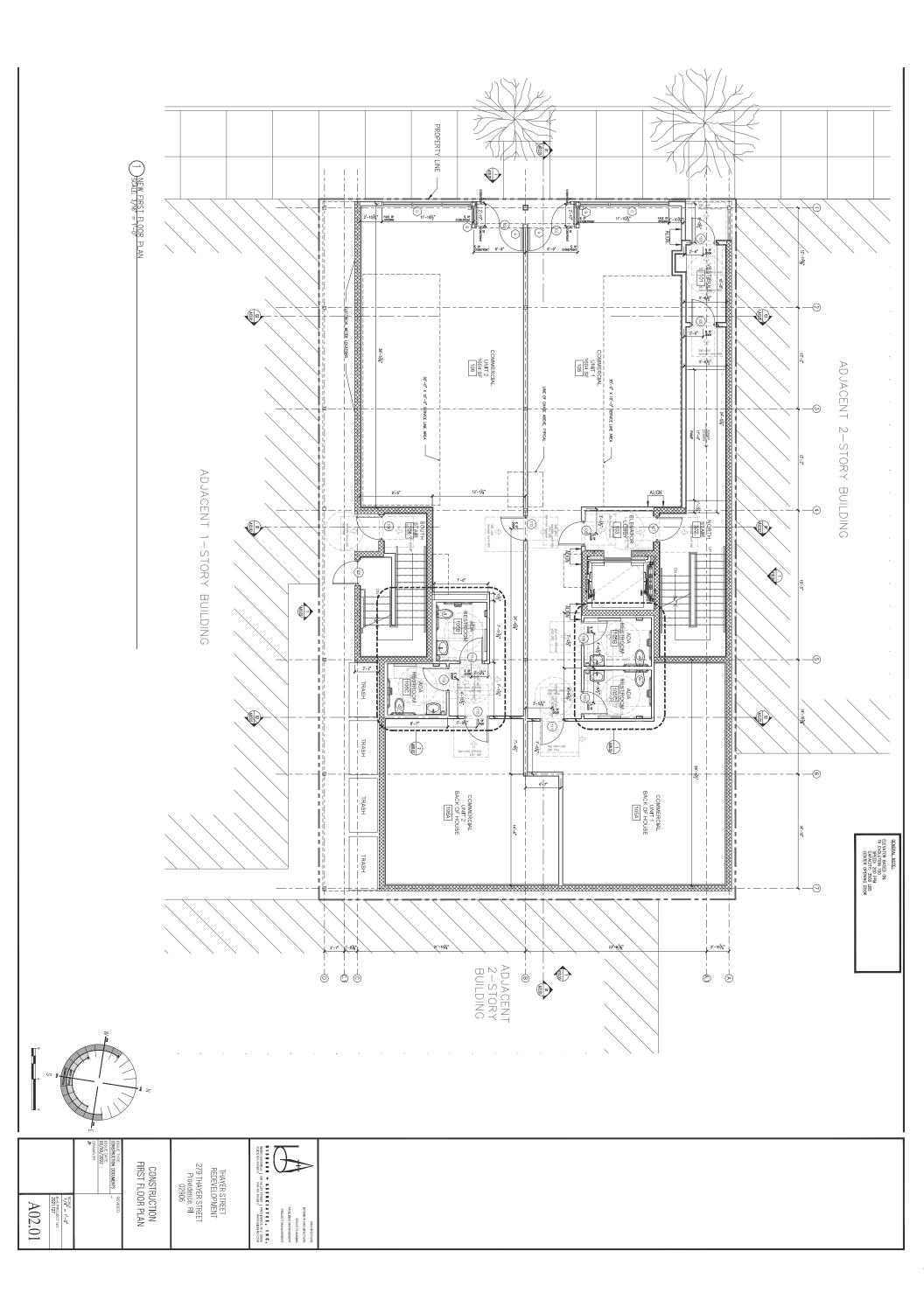


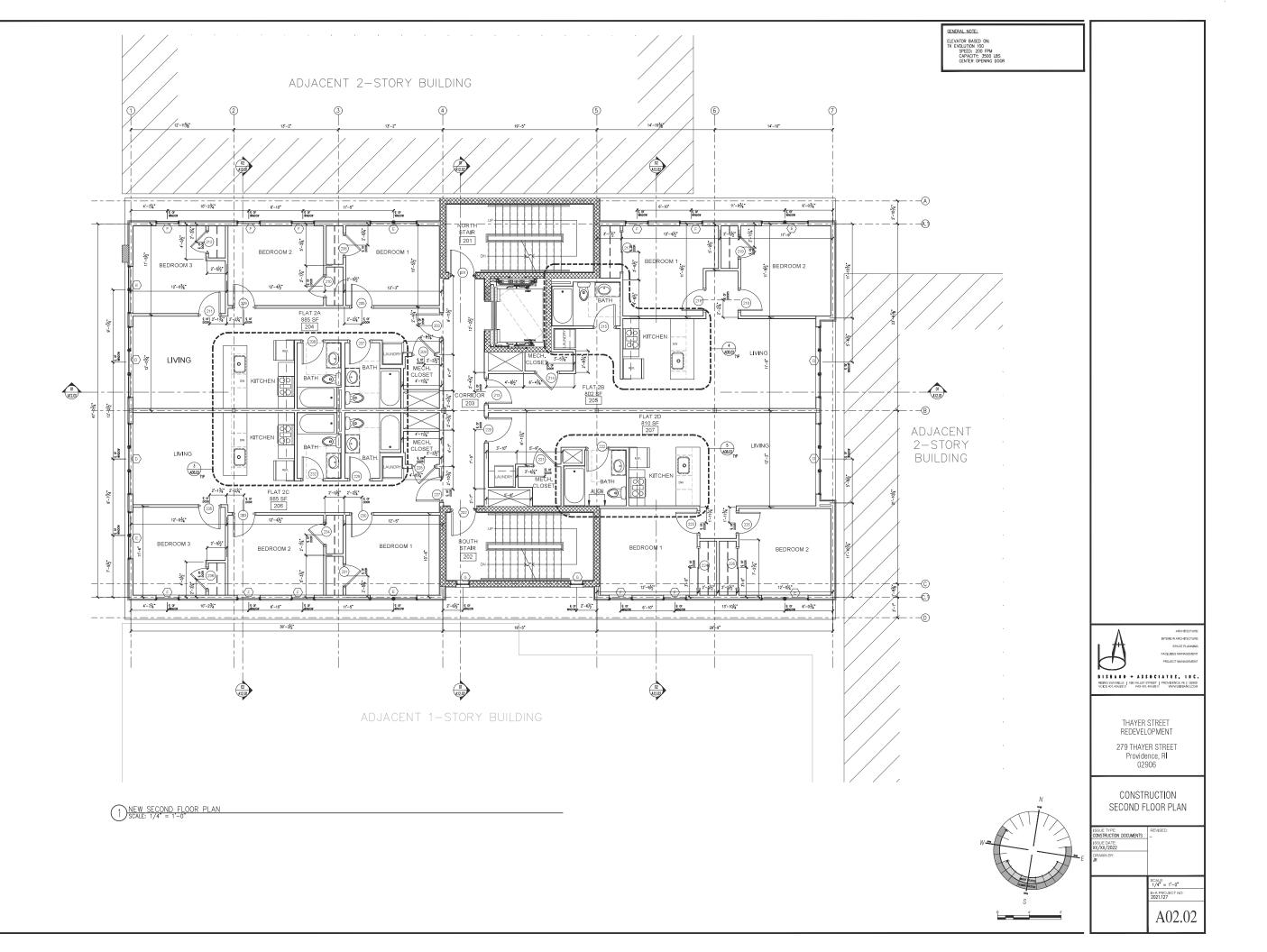


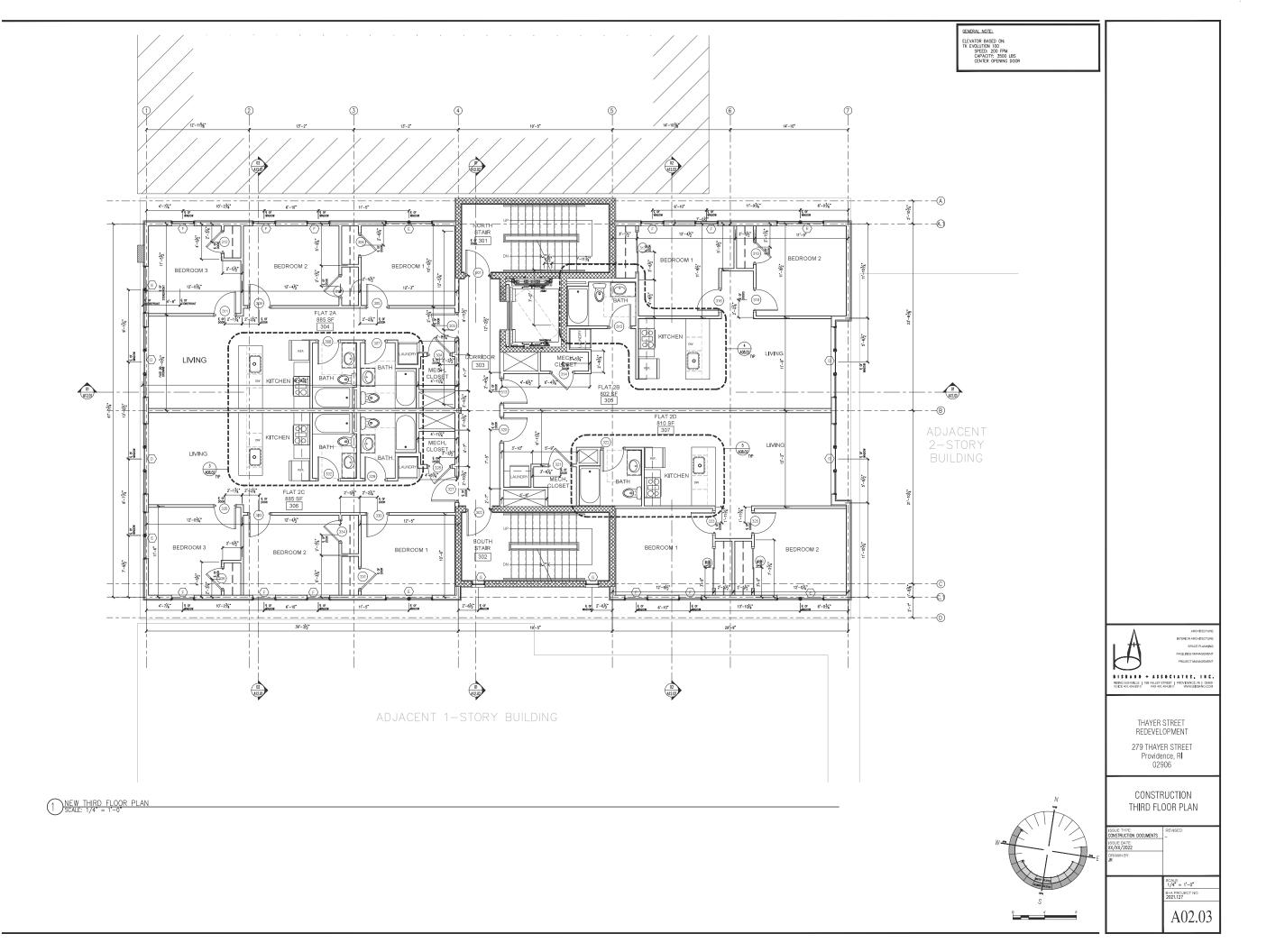


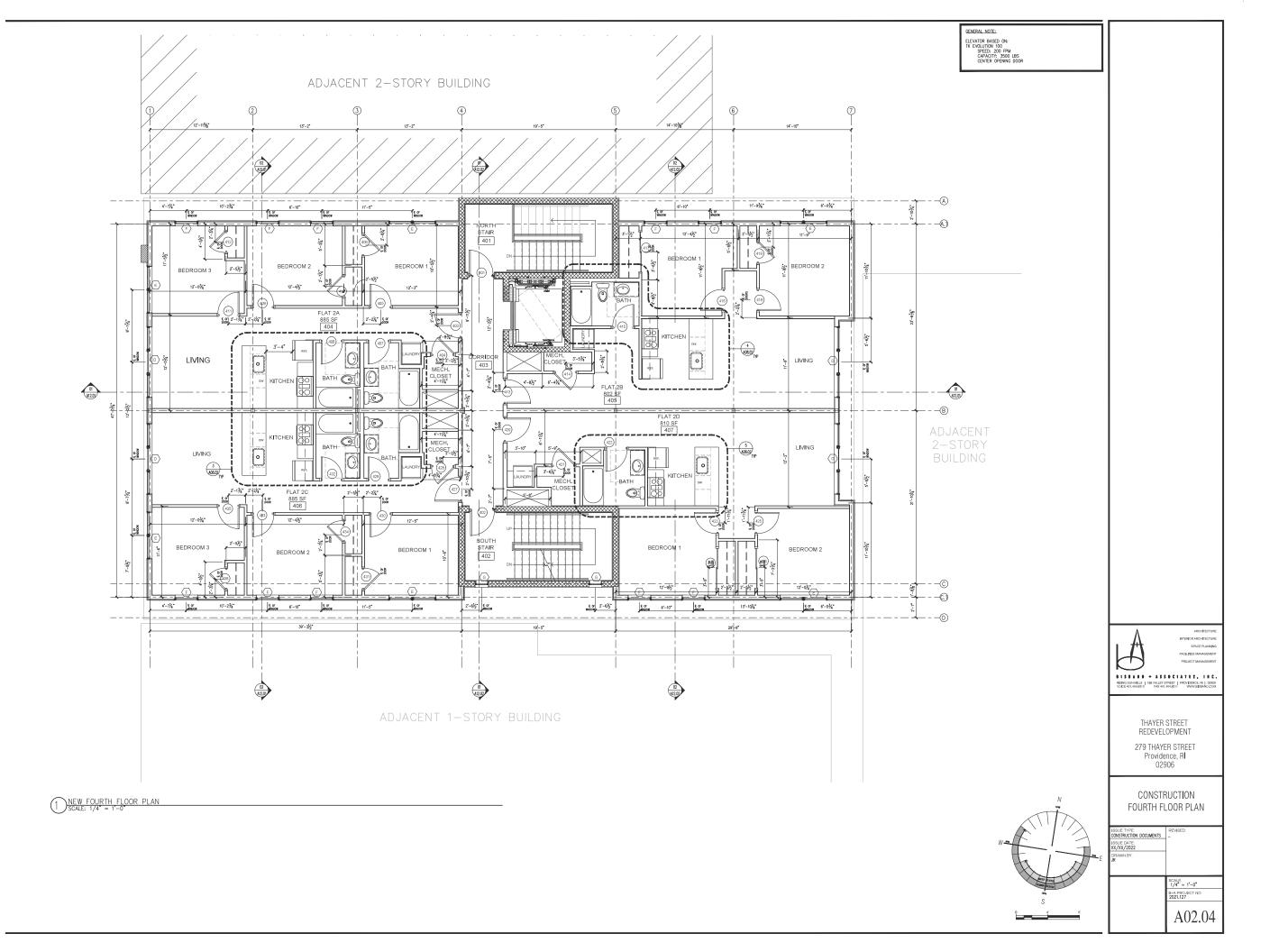


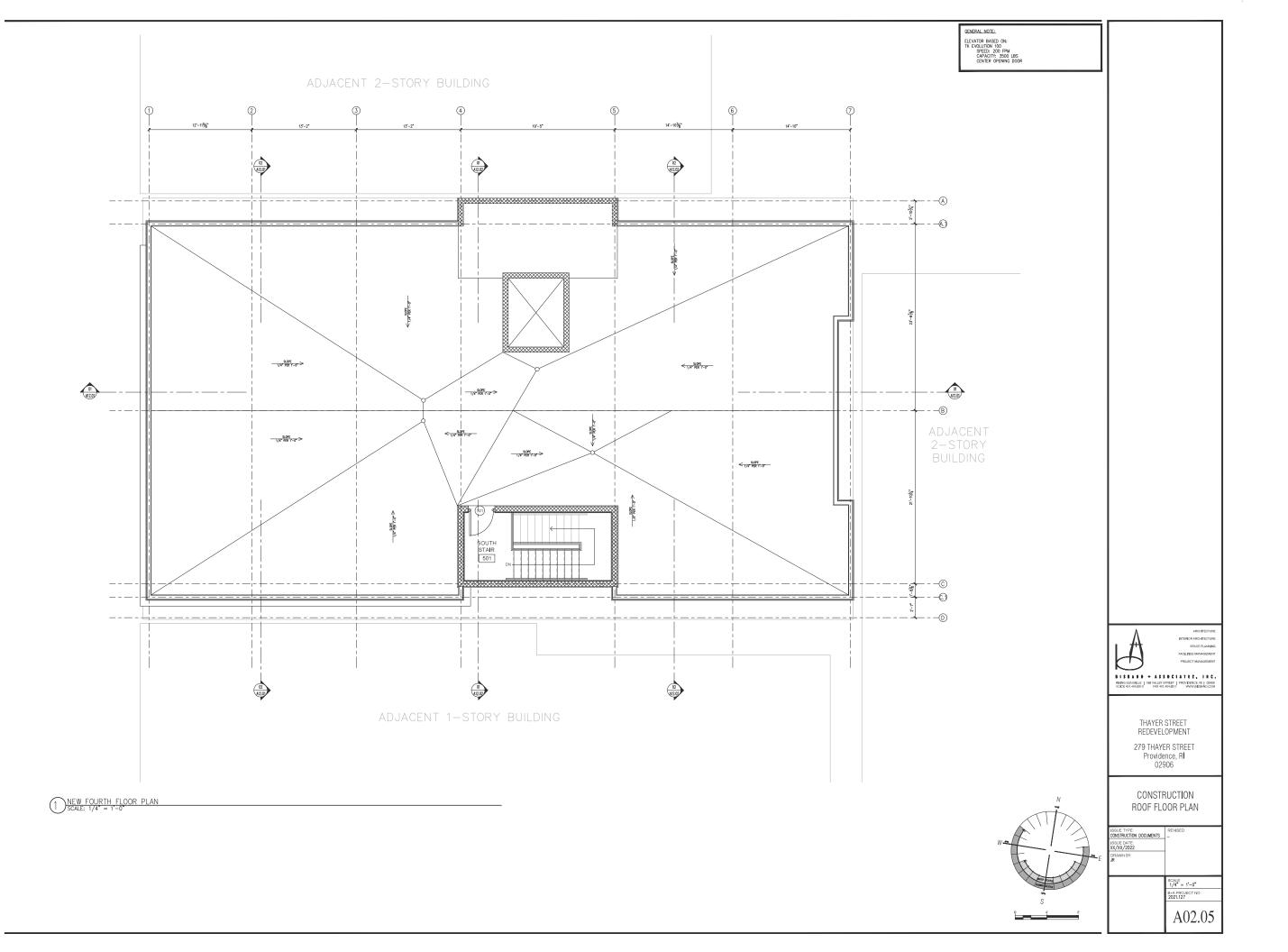


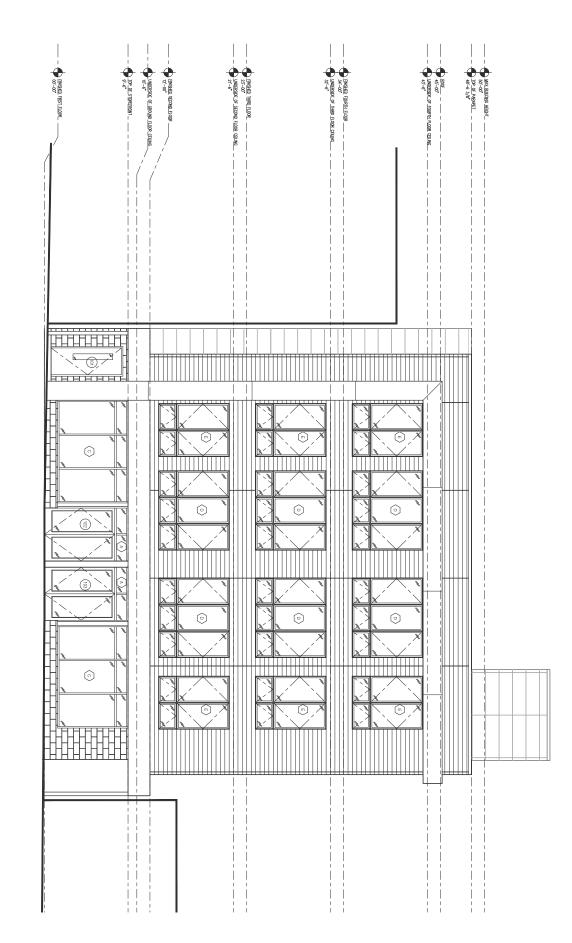






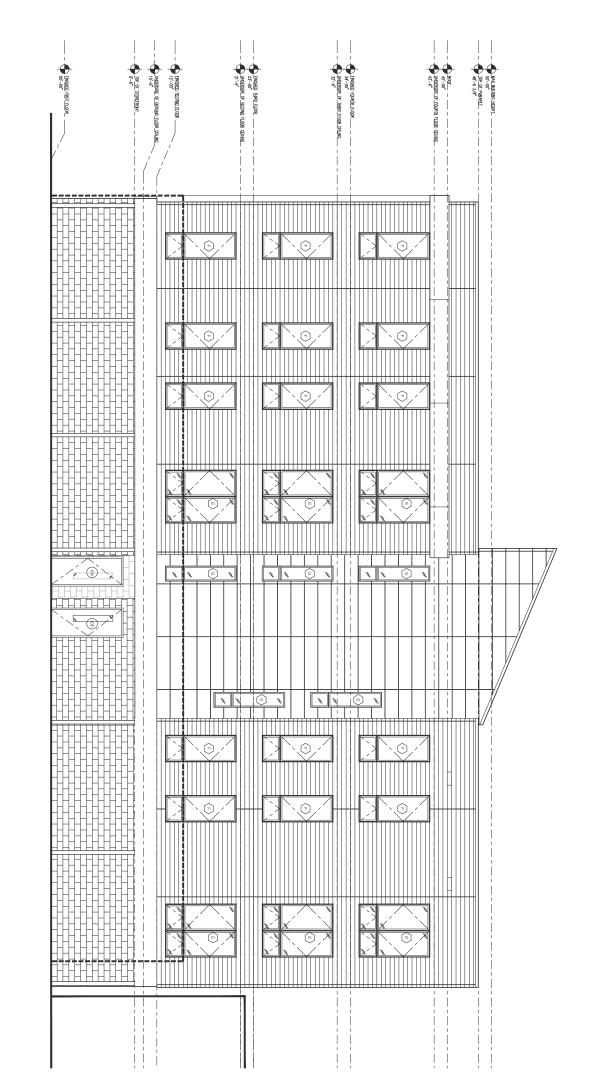






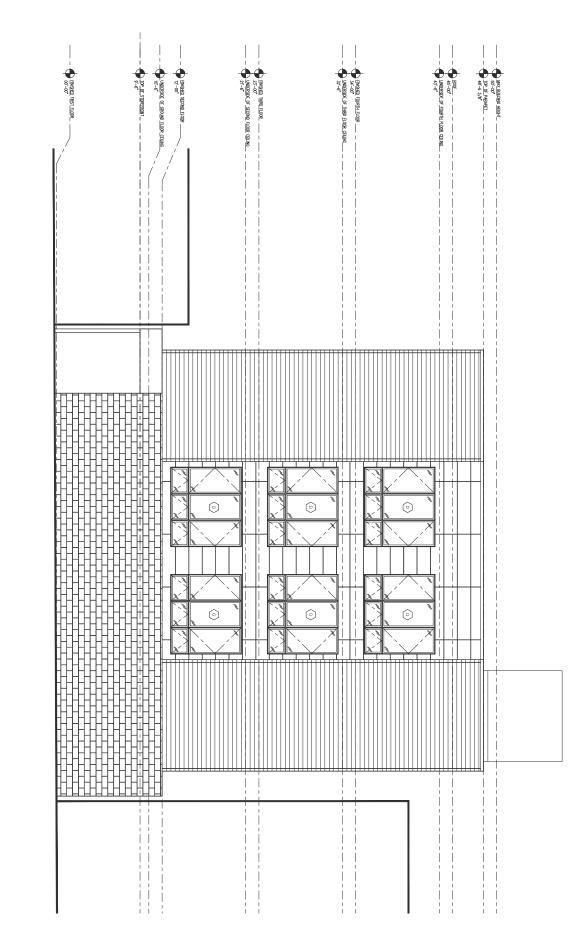
1) NEW ELEVATION - WEST (THAYER STREET)

EXTERIOR EL	THAYER STREET REDEVICED THAYER STREET REDEVICEOPMENT 279 THAYER STREET Providence, RI 02906	Σ
ELEVATION	THAYER STREET REDEVELOPMENT Providence, RI 02906	



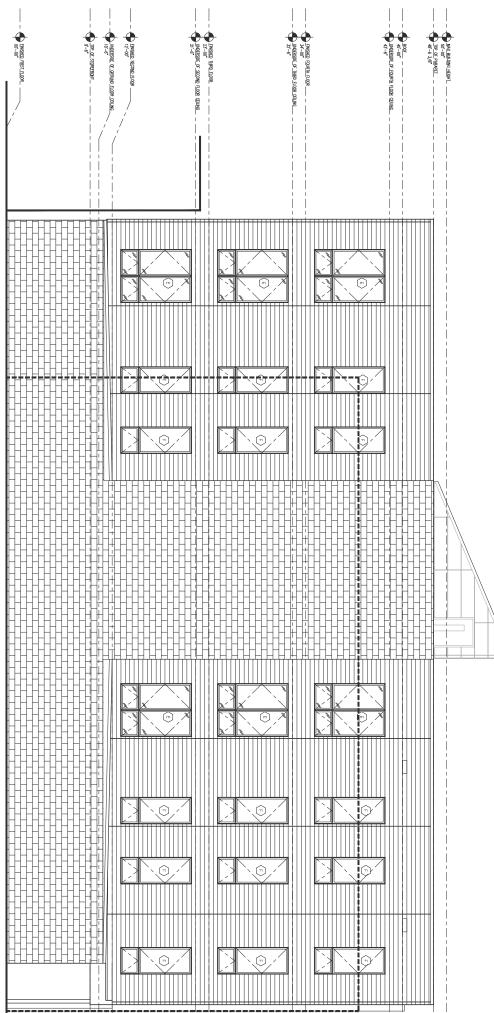
1) NEW ELEVATION - SOUTH SCALE: 1/4" = 1'-0"

EXTERIOR ELEVATION	INCOMENTAL INCOMENTATIONI INCOMENTATIONI INCO	



NEW ELEVATION - EAST

	EXTERIOR ELEVATION	THAVER STREET REDEVELOPMENT 2779 THAVER STREET Providence, RI 279 THAVER STREET Providence, RI 02906	
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NEW ELEVATION - NORTH

	ISSUE TYPE CONSTRUCTION D ISSUE DATE: XX/XX/2022 DRAWN BY: JR	EXT	27 F .				
NB		EXTERIOR ELEVATION	THAYER STREET REDEVELOPMENT 279 THAYER STREET Providence, RI 02906	8 +			
A10.04	EVISED: 5/16" = 1'-0"	EVATION	PMENT STREET	Ano-HECHUR BIOLE T-ANANO- SIGLE T-ANANO PACHTER PROJECT MANADEMEN PACO-MARKER PROJECT MANADEMEN PACO-MARKER PROJECT R TO PACO-MARKER TO PACO-MARKER PROJECT R TO PACO-MARKER PROJECT R TO PACO-MARKER PROJECT R TO PACO-MARKER TO P			
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