

TUSCAN VILLAGE BUILDING 1300 SITE PLANS

MAP 108 LOT 12657
SALEM, NEW HAMPSHIRE

OCTOBER 6, 2023
LAST REVISED: NOVEMBER 16, 2023

| LIST OF DRAWINGS (49 SHEETS) | | |
|------------------------------|--|--------------|
| SHEET NO. | SHEET TITLE | LAST REVISED |
| G.100 | COVER SHEET | 11/16/2023 |
| C.101 | GENERAL NOTES & LEGEND SHEET | 10/6/2023 |
| C.102 | PARKING REQUIREMENTS | 10/6/2023 |
| 1 OF 1 | SUBDIVISION PLAN | 6/28/2023 |
| C.103 | OVERALL SITE PLAN | 11/16/2023 |
| C.201 | DEMOLITION PLAN | 10/6/2023 |
| C.202 | DEMOLITION PLAN | 10/6/2023 |
| C.203 | DEMOLITION PLAN | 10/6/2023 |
| C.301 | SITE PLAN | 10/27/2023 |
| C.302 | SITE PLAN | 10/27/2023 |
| C.303 | SITE PLAN | 11/16/2023 |
| C.304 | FIRETRUCK TURNING PLAN | 11/16/2023 |
| C.305 | TRUCK TURNING PLAN | 11/16/2023 |
| C.401 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 10/27/2023 |
| C.402 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 10/27/2023 |
| C.403 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 11/16/2023 |
| C.404 | DRAINAGE STRUCTURE TABLE | 10/6/2023 |
| C.501 | UTILITIES PLAN | 10/6/2023 |
| C.502 | UTILITIES PLAN | 10/6/2023 |
| C.503 | UTILITIES PLAN | 11/16/2023 |
| C.601 | EROSION CONTROL NOTES & DETAILS SHEET | 10/6/2023 |
| C.602 | DETAILS SHEET | 10/6/2023 |
| C.603 | DETAILS SHEET | 10/6/2023 |
| C.604 | DETAILS SHEET | 10/6/2023 |
| C.605 | DETAILS SHEET | 10/6/2023 |
| C.606 | DETAILS SHEET | 10/6/2023 |
| C.607 | DETAILS SHEET | 10/6/2023 |
| C.608 | DETAILS SHEET | 10/6/2023 |
| C.609 | DETAILS SHEET | 10/6/2023 |
| L.000 | LANDSCAPE KEY PLAN | 10/27/2023 |
| L.100 | LANDSCAPE MATERIAL LEGEND | 10/27/2023 |
| L.101 | LANDSCAPE MATERIAL PLANS | 10/27/2023 |
| L.102 | LANDSCAPE MATERIAL PLANS | 10/27/2023 |
| L.103 | LANDSCAPE MATERIAL PLANS | 10/6/2023 |
| L.400 | PLANT SCHEDULE | 10/27/2023 |
| L.401 | PLANTING PLAN | 10/27/2023 |
| L.402 | PLANTING PLAN | 10/27/2023 |
| L.403 | PLANTING PLAN | 10/6/2023 |
| L.501 | STREETSCAPE DETAILS | 10/6/2023 |
| L.502 | STREETSCAPE DETAILS | 10/6/2023 |
| L.503 | STREETSCAPE DETAILS | 10/27/2023 |
| L.504 | STREETSCAPE DETAILS | 10/6/2023 |
| L.505 | STREETSCAPE DETAILS | 10/6/2023 |
| LL.100 | LIGHTING LEGEND | 10/6/2023 |
| LL.101 | LIGHTING PLAN | 10/6/2023 |
| LL.102 | LIGHTING PLAN | 10/6/2023 |
| LL.103 | LIGHTING PLAN | 10/6/2023 |
| 1 OF 2 | BUILDING ELEVATIONS | 9/15/2023 |
| 2 OF 2 | BUILDING ELEVATIONS | 9/15/2023 |

SITE DATA:
LOCATION: 20-24 VIA TOSCANA
SALEM, NH 03079
MAP 108 LOT 12657
ZONE: COMMERCIAL-INDUSTRIAL DISTRICT, C (C1-C), LARGE SCALE REDEVELOPMENT ORDINANCE
PERMITTED USES: EDUCATIONAL, ENTERTAINMENT, RECREATIONAL, MEDICAL, TRANSPORTATION, RETAIL, COMMERCIAL, AGRICULTURE, RESEARCH, AND MANUFACTURING.

PROPOSED GFA: ±474,501 SF (BUILDING 1300)

DIMENSIONAL REQUIREMENTS:

| | REQUIRED | PROVIDED |
|-----------------------|----------|-------------------------------|
| MINIMUM LOT SIZE: | N/A | ±5.455 AC (MAP 108 LOT 12657) |
| MINIMUM LOT FRONTAGE: | N/A | N/A |
| MINIMUM SETBACKS: | | |
| FRONT YARD: | 30 FT | VARIES (<30 FT) |
| SIDE YARD: | 20 FT | VARIES (>20 FT) |
| REAR YARD: | 20 FT | N/A |

PARKING REQUIREMENTS:

| | REQUIRED | PROVIDED |
|------------------------------|---------------|--------------|
| MINIMUM PARKING REQUIREMENTS | SEE NOTE (1) | SEE NOTE (1) |
| ACCESSIBLE SPACES | 17 SPACES (2) | 22 SPACES |

PARKING SPACE SIZE:

| | |
|------------------------|-------------------------|
| 9 FT X 20 FT | 9 FT X 25 FT (PARALLEL) |
| 9 FT X 18 FT (REGULAR) | |

LOT COVERAGE CALCULATION:

| | ALLOWED | PROVIDED |
|-------------------|---------|----------|
| MAP 108 LOT 12657 | 70% | 91.0% |

(1) SEE TUSCAN VILLAGE PARKING CALCULATIONS (SHEET C.102) BASED ON TOWN OF SALEM PARKING ORDINANCE SECTION 490-701.

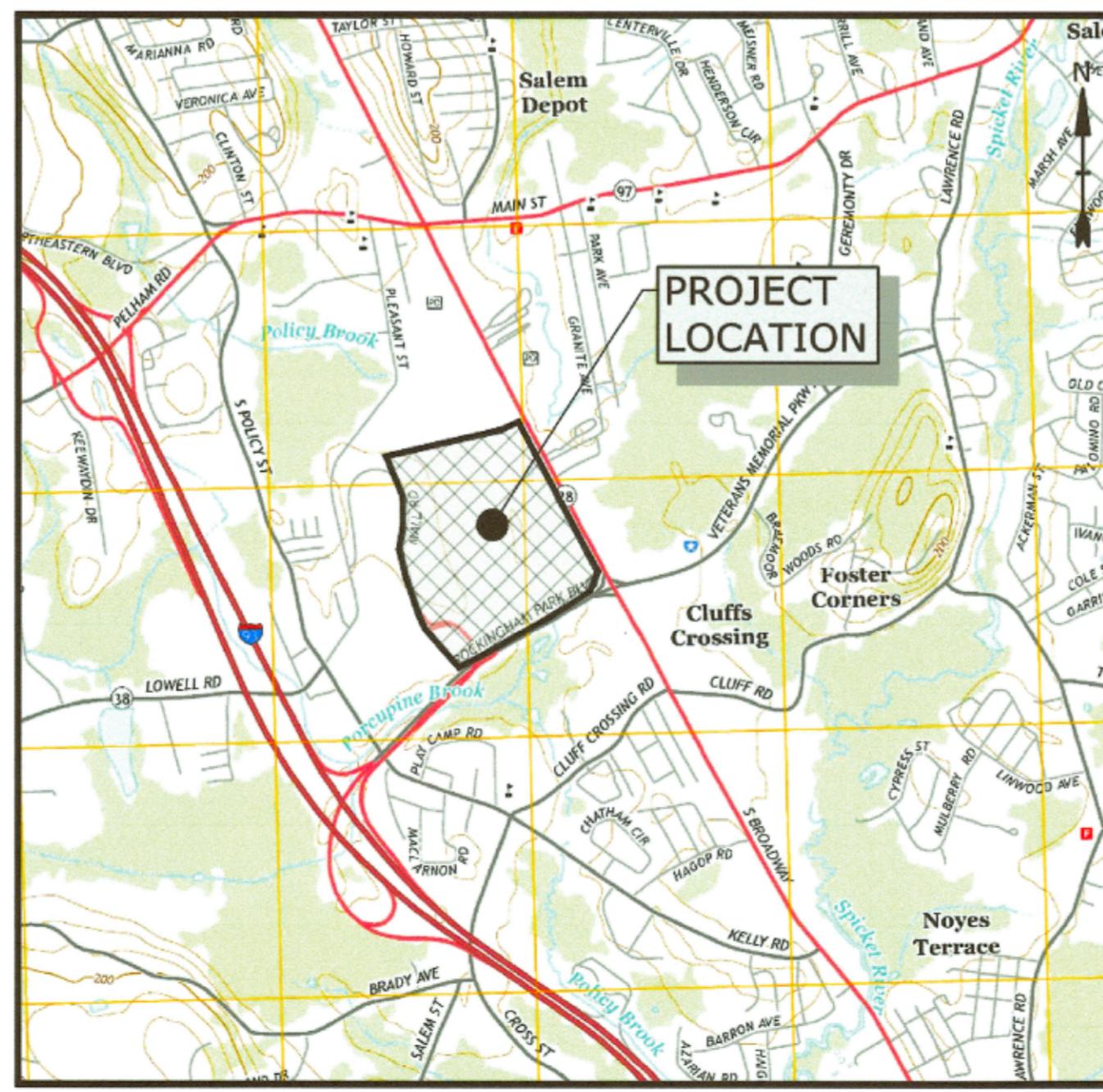
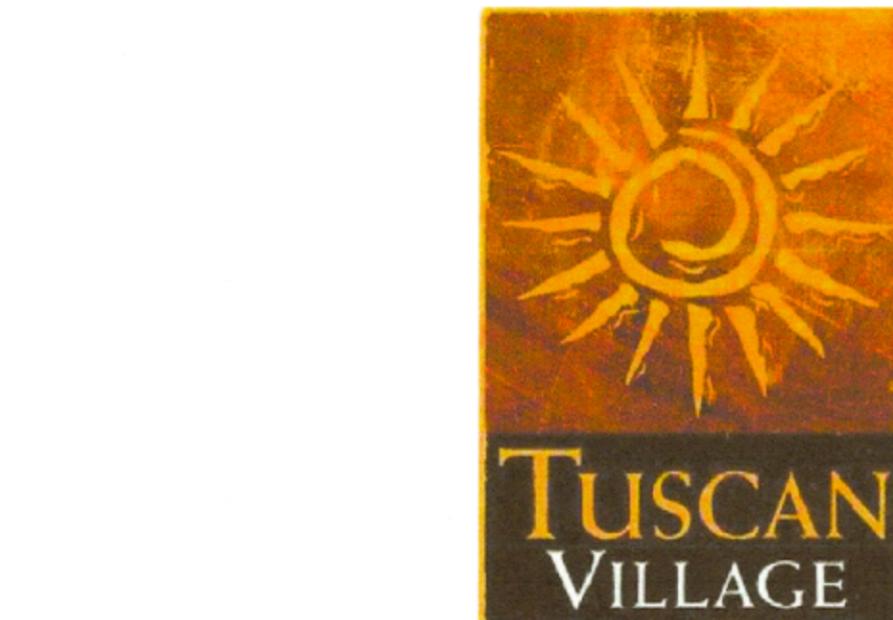
(2) REQUIRED NUMBER OF ACCESSIBLE SPACES BASED ON NUMBER OF PARKING SPACES LOCATED WITHIN LIMIT OF WORK (823 SPACES).

(3) **CONDITIONAL USE PERMITS:**

| SECTION | DESCRIPTION | APPROVED |
|----------------------|--|------------|
| 490-501 B. | RESIDENTIAL USE NOT ALLOWED IN C1-C DISTRICT | 11/14/2023 |
| 490-501 C. | LOT COVERAGE | 11/14/2023 |
| 490-501 C. & 490-202 | BUILDING HEIGHT | 11/14/2023 |
| 490-501 C. & 490-202 | BUILDING SETBACK | 11/14/2023 |
| 490-701 C. (1)(D) | PARKING SPACE SIZE | 11/14/2023 |
| 490-701 C. (2) | PARKING SETBACK | 11/14/2023 |
| 490-701 E. | NUMBER OF PARKING SPACES | 11/14/2023 |

(4) **ZONING VARIANCES:**

| SECTION | DESCRIPTION | APPROVED |
|---------|--|-----------|
| 490-814 | CONSTRUCTION OF MORE THAN 50 RESIDENTIAL UNITS IN ONE YEAR | 11/7/2023 |



LOCATION MAP
SCALE: 1" = 200'

PREPARED BY:
Tighe&Bond
www.tighebond.com
177 Corporate Drive
Portsmouth, NH 03801
(603) 433-8818

PREPARED FOR:
TUSCAN VILLAGE MASTER
DEVELOPMENT, LLC
P.O. BOX 1648
SALEM, NH 03079

LANDSCAPE ARCHITECT:
HALVORSON
Tighe&Bond STUDIO
www.halvorsondesign.com
25 Kingston Street
Boston, MA 02211-2200
(617) 536-0626

SURVEY/TRAFFIC
CONSULTANT:
GPI

GREENMAN-PEDERSEN INC.
181 BALLARDVALE STREET, SUITE 202
WILMINGTON, MA 01887

| PERMITS & APPROVALS | | | |
|-------------------------|-------------------------------------|------------------------|------------|
| PROJECT | TYPE | PERMIT/APPROVAL NUMBER | APPROVED |
| SOUTH & CENTRAL VILLAGE | CONDITIONAL USE PERMIT ³ | N/A | 9/16/2022 |
| | SITE PLAN APPROVAL SVCV | N/A | 6/18/2019 |
| | SITE PLAN APPROVAL B500/B520 | N/A | 4/28/2020 |
| | SITE PLAN APPROVAL B900 | N/A | 09/22/2020 |
| | SITE PLAN APPROVAL B2000 | N/A | 10/13/2020 |
| | SITE PLAN APPROVAL B3000 | N/A | 12/14/2021 |
| | SITE PLAN APPROVAL B1200 | N/A | 5/24/2022 |
| | SITE PLAN APPROVAL JEWEL BUILDINGS | N/A | 9/16/2022 |
| | ALTERATION OF TERRAIN | AoT-1680 | 9/27/2019 |
| | ALTERATION OF TERRAIN | AoT-1680A | 2/7/2020 |
| | ALTERATION OF TERRAIN | AoT-1680B | 11/19/2021 |
| | ALTERATION OF TERRAIN | AoT-1680C | 2/26/2023 |
| | SEWER CONNECTION PERMIT | D2019-0708 | 9/5/2019 |
| | SEWER CONNECTION PERMIT | D2019-0708A | 11/5/2020 |
| | SEWER CONNECTION PERMIT | D2019-0708B | 5/2/2022 |
| | SEWER CONNECTION PERMIT | D2021-0104 | 3/3/2021 |

| ASSOCIATED PERMITS & APPROVALS | | | |
|--------------------------------|----------------------------------|------------------------|------------|
| PROJECT | TYPE | PERMIT/APPROVAL NUMBER | APPROVED |
| ROADWAY | CONDITIONAL USE PERMIT | N/A | 9/18/2018 |
| | SITE PLAN APPROVAL | N/A | 9/19/2018 |
| | ALTERATION OF TERRAIN | AoT-1520 | 11/29/2018 |
| | SEWER CONNECTION PERMIT | D2018-1103 | 11/28/2018 |
| MASS GRADING | CONDITIONAL USE PERMIT | N/A | 6/12/2018 |
| | SITE PLAN APPROVAL | N/A | 6/12/2018 |
| | ALTERATION OF TERRAIN | AoT-1456 | 7/11/2018 |
| FLOODPLAIN | NHDES WETLANDS | 2016-03374 | 8/6/2019 |
| | FEMA CLOMR | 17-01-0965R | 10/31/2017 |
| | ACOE GENERAL PERMIT | NAE-2017-00133 | 10/31/2017 |
| | ALTERATION OF TERRAIN | AoT-1315 | 9/25/2017 |
| | CONDITIONAL USE PERMIT | N/A | 5/8/2018 |
| | SITE PLAN APPROVAL | N/A | 5/8/2018 |
| | CONSERVATION COMMISSION APPROVAL | N/A | 2/2/2017 |

| B1300 PERMITS & APPROVALS | | | |
| --- | --- | --- | --- |
| PROJECT | TYPE | PERMIT/APPROVAL NUMBER | APPROVED |

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GENERAL NOTES:

- THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND THE LOCATIONS NOT GUARANTEED BY THE OWNER OR THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, REPAIR CONFLICTS, REPAIR EXISTING UTILITIES AND RELOCATE EXISTING UTILITIES REQUIRED TO COMPLETE THE WORK.
- CONTRACTOR SHALL WORK WITHIN PUBLIC RIGHT OF WAYS WITH THE TOWN OF SALEM AND NHOTC.
- THE CONTRACTOR SHALL EMPLOY A NEW HAMPSHIRE LICENSED LAND SURVEYOR TO DETERMINE ALL LINES AND GRADES.
- THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES. CALL DIG SAFE AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION/CONSTRUCTION ACTIVITIES.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES AND COMPLY WITH THE CONDITIONS OF ALL OF THE PERMIT APPROVALS.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR AND COMPLY WITH ADDITIONAL PERMITS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK AND ARRANGE FOR AND PAY FOR NECESSARY INSPECTIONS AND APPROVALS FROM THE AUTHORITIES HAVING JURISDICTION.
- THE CONTRACTOR SHALL PHASE CONSTRUCTION AND DEMOLITION AS REQUIRED TO PROVIDE CONTINUOUS SERVICE TO EXISTING BUSINESSES AND RESIDENTIAL UTILITIES. EXISTING BUSINESSES AND RESIDENTIAL UTILITIES INCLUDE, BUT ARE NOT LIMITED TO: ELECTRICAL, COMMUNICATION, FIRE PROTECTION, DOMESTIC WATER AND SEWER SERVICES, TEMPORARY SERVICES, IF REQUIRED, SHALL COMPLY WITH ALL FEDERAL, STATE, LOCAL AND UTILITY COMPANY STANDARDS. CONTRACTOR SHALL PROVIDE DETAILED CONSTRUCTION SCHEDULE TO OWNER PRIOR TO ANY DEMOLITION/CONSTRUCTION ACTIVITIES AND SHALL COORDINATE TEMPORARY SERVICES TO ABUTTERS WITH THE UTILITY COMPANY AND AFFECTED ABUTTERS.
- ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE TOWN OF SALEM MUNICIPAL SERVICES DEPARTMENT, STANDARD SPECIFICATIONS AND WORKING DRAWINGS OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION, "STANDARD SPECIFICATIONS OF ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION.
- CONTRACTOR TO SUBMIT AS-BUILT PLANS IN DIGITAL FORMAT (.DWG AND .PDF FILES) ON DISK OR USB DRIVE TO THE OWNER, ENGINEER, AND THE TOWN OF SALEM UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL BE PREPARED AND CERTIFIED BY A NEW HAMPSHIRE LICENSED LAND SURVEYOR.
- CONTRACTOR SHALL THOROUGHLY CLEAN ALL CATCH BASINS AND DRAIN LINES, WITHIN THE LIMITS OF WORK, OF SEDIMENT IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH THE TOWN OF SALEM FOR TEMPORARY CONSTRUCTION EXITS.
- SEE EXISTING CONDITIONS PLANS FOR BENCH MARK INFORMATION.
- ALL ELEVATIONS REFERENCE THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).
- ALL PROPOSED ROADS ARE TO BE PRIVATELY OWNED AND MAINTAINED.
- ALL PROPOSED ELECTRICAL AND COMMUNICATION LINES ARE TO BE UNDERGROUND.
- ALL PROPOSED LIGHT POLES SHALL BE SPACED A MAXIMUM OF 400' APART.
- ALL PROPOSED FIRE HYDRANTS SHALL BE SPACED A MAXIMUM OF 500' APART.
- GREASE TRAPS ARE TO BE SIZED BASED ON USE PRIOR TO CONSTRUCTION.
- ALL EXCESS SNOW SHALL BE HAULED OFF-SITE IN ACCORDANCE TO ALL LOCAL AND STATE LAWS.
- ALL LIGHT POLE BASES NOT PROTECTED BY A RAISED CURB SHALL BE A MINIMUM OF 30" ABOVE GRADE AND PAINTED YELLOW.
- PAVEMENT MARKINGS SHALL BE INSTALLED AS SHOWN, INCLUDING PARKING SPACES, STOP BARS, ADA SYMBOLS, PAINTED ISLANDS, FIRE LANES, CROSS WALKS, ARROWS, LEGENDS AND CENTERLINES. ALL MARKINGS EXCEPT CENTERLINES AND MEDIAN ISLANDS TO BE CONSTRUCTED USING WHITE PAVEMENT MARKINGS. ALL PAINTED PAVEMENT MARKINGS INCLUDING CENTERLINES, LANE LINES AND PAINTED MEDIANAS SHALL MEET THE REQUIREMENTS OF AASHTO M248 TYPE "F".
- ALL PAVEMENT MARKINGS AND SIGNS TO CONFORM TO "MANUAL ON UNIFORM TRAFFIC CONTROLS", DRAFT STANDARDS ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS", AND THE AMERICANS WITH DISABILITIES ACT REQUIREMENTS, LATEST EDITIONS.
- SEE DETAILS FOR PAVEMENT MARKINGS, ADA SYMBOLS, SIGNS AND SIGN POSTS.
- CENTERLINES SHALL BE FOUR (4) INCH WIDE YELLOW LINES.
- PAINTED ISLANDS SHALL BE FOUR (4) INCH WIDE DIAGONAL LINES AT 3'-0" O.C. BORDERED BY FOUR (4) INCH WIDE LINES.
- STOP BARS SHALL BE EIGHTEEN (18) INCHES WIDE, WHITE THERMOPLASTIC AND CONFORM TO CURRENT MUTCD STANDARDS.
- CLEAN AND COAT VERTICAL FACE OF EXISTING PAVEMENT AT SAW CUT LINE WITH RS-1 EMULSION IMMEDIATELY PRIOR TO PLACING NEW BITUMINOUS CONCRETE.
- CONTRACTOR TO PROVIDE BACKFILL AND COMPACTION AT CURB LINE AFTER CONCRETE FORMS FOR SIDEWALKS AND PADS HAVE BEEN STRIPPED. COORDINATE WITH BUILDING CONTRACTOR.
- COORDINATE ALL WORK ADJACENT TO BUILDING WITH BUILDING CONTRACTOR.
- ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- ADA DESIGN COMPLIANCE AND PARKING SPACE REQUIREMENTS DERIVED FROM THE ADA STANDARDS FOR ACCESSIBLE DESIGN, LATEST EDITION.

DEMOLITION NOTES:

- ALL MATERIALS SCHEDULED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES AND CODES.
- COORDINATE REMOVAL, RELOCATION, DISPOSAL OR SALVAGE OF UTILITIES WITH THE OWNER AND APPROPRIATE UTILITY COMPANY.
- ANY EXISTING WORK OR PROPERTY DAMAGED OR DISRUPTED BY CONSTRUCTION/DEMOLITION ACTIVITIES SHALL BE REPLACED OR REPAVED TO MATCH ORIGINAL EXISTING CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- SAW CUT AND REMOVE PAVEMENT ONE (1) FOOT OFF PROPOSED EDGE OF PAVEMENT OR EXISTING CURB LINE IN ALL AREAS WHERE PAVEMENT TO BE REMOVED ABUTS EXISTING PAVEMENT OR CONCRETE TO REMAIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND OFF-SITE DISPOSAL OF MATERIALS REQUIRED TO COMPLETE THE WORK, EXCEPT FOR WORK NOTED TO BE COMPLETED BY OTHERS.
- UTILITIES SHALL BE TERMINATED AT THE MAIN LINE PER UTILITY COMPANY STANDARDS. THE CONTRACTOR SHALL REMOVE ALL ABANDONED UTILITIES LOCATED WITHIN THE LIMITS OF WORK, UNLESS OTHERWISE NOTED ON THE PLANS.
- CONTRACTOR SHALL VERIFY ORIGIN OF ALL DRAINS AND UTILITIES PRIOR TO REMOVAL/TERMINATION TO DETERMINE IF DRAINS OR UTILITIES IS ACTIVE, AND SERVICES ANY ON OR OFF-SITE STRUCTURE TO REMAIN. THE CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY SUCH UTILITY FOUND AND SHALL MAINTAIN THESE UTILITIES UNTIL PERMANENT SOLUTION IS IN PLACE.
- CONTRACTOR TO VERIFY FULL LIMITS OF PAVEMENT REMOVAL PRIOR TO BID.
- REMOVE TREES AND BRUSH AS REQUIRED FOR COMPLETION OF WORK. CONTRACTOR SHALL GRUB AND REMOVE ALL STUMPS WITHIN LIMITS OF WORK AND MEET THE STANDARDS ACCORDING WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS.
- CONTRACTOR SHALL PROTECT ALL PROPERTY MONUMENTATION THROUGHOUT DEMOLITION AND CONSTRUCTION OPERATIONS. SHOULD ANY MONUMENTATION BE DISTURBED BY THE CONTRACTOR, THE CONTRACTOR SHALL EMPLOY A NEW HAMPSHIRE LICENSED SURVEYOR TO REPLACE DISTURBED MONUMENTS.
- PROVIDE INLET PROTECTION BARRIERS AT ALL CATCH BASINS/CURB INLETS WITHIN CONSTRUCTION LIMITS AS WELL AS CATCH BASINS/CURB INLETS THAT RECEIVE RUNOFF FROM CONSTRUCTION ACTIVITIES. INLET PROTECTION BARRIERS SHALL BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION ACTIVITIES AND SHALL NOT EXCEED "LOW SILT SACK" B/C ENVIRONMENTAL OR EQUAL. INSPECT BARRIERS WEEKLY AND AFTER EACH RAIN EVENT OF 0.25 INCHES OR GREATER. CONTRACTOR SHALL COMPLETE A MAINTENANCE INSPECTION REPORT AFTER EACH INSPECTION. SEDIMENT DEPOSITS SHALL BE REMOVED AFTER EACH

STORM EVENT OR MORE OFTEN IF THE FABRIC BECOMES CLOGGED OR SEDIMENT HAS ACCUMULATED TO 1/3 THE DESIGN DEPTH OF THE BARRIER.

- EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE START OF ANY CLEARING OR DEMOLITION ACTIVITIES.
- THE CONTRACTOR SHALL PAY ALL COSTS NECESSARY FOR TEMPORARY PARTITIONING, BARRICADES, FENCING, SECURITY AND SAFETY DEVICES REQUIRED FOR THE MAINTENANCE OF A CLEAN AND SAFE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL REMOVE AND SALVAGE EXISTING GRANITE CURB FOR REUSE.

GRADING AND DRAINAGE NOTES:

- COMPACTION REQUIREMENTS: TRENCH BEDDING MATERIAL AND SAND BLANKET BACKFILL 95% BELOW LOAM AND SEED AREAS 90%
- ALL PERCENTAGES OF COMPACTION SHALL MEET THE MAXIMUM DRY DENSITY AND MAXIMUM MOISTURE CONTENT AS DETERMINED AND CONTROLLED IN ACCORDANCE WITH ASTM D-1557, METHOD C FIELD DENSITY TESTS SHALL BE MADE IN ACCORDANCE WITH ASTM D-1556 OR ASTM-2922.
- ALL STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HANCHOR HI-Q, ADS N-12 OR EQUAL) OR RCP CLASS IV, UNLESS OTHERWISE SPECIFIED.
- ADJUST ALL MANHOLES, CATCH BASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
- CONTRACTOR SHALL PROVIDE FINISHED LAWN AREAS FREE OF LOW SPOTS AND PONDING AREAS.
- ALL DISTURBED AREAS SHALL RECEIVE 6" LOAM, SEED FERTILIZER AND MULCH.
- ALL GRADES SHOWN ARE BOTTOM OF CURB UNLESS OTHERWISE SHOWN.

SALEM PLANNING BOARD NOTES:

- SEE SHEET C.501 FOR GENERAL EROSION CONTROL NOTES AND DETAILS.

EXISTING CONDITIONS PLAN NOTES:

- REFERENCE: TAX MAP 98, LOT 7887
- EXISTING FEATURES SHOWN HEREON ARE THE RESULT OF A FIELD SURVEY PERFORMED BY MHF DESIGN CONSULTANTS, INC. BETWEEN OCTOBER 2014 & JUNE 2017 AND SUPPLEMENTED WITH UPDATED SURVEY (SEE REFERENCE PLAN NOTE 1) AND AERIAL PHOTOGRAPHY BY EASTERN PHOTOGRAPHICS, PHOTO DATE: 9/26/14, COMPILED: 10/14/14.
- JURISDICTIONAL WETLANDS DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. DURING DECEMBER 2015 IN ACCORDANCE WITH;
- THE US CORPS OF ENGINEERS REGIONAL SUPPLEMENT TO THE CORPS ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGIONAL TECHNICAL REPORT ERDC/EL-TR-12-1, JANUARY 2012, VERSION 2.0.
- FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 7.0. IMOTED STATES DEPARTMENT OF AGRICULTURE (2010);
- NORTH AMERICAN FLORA: NATIONAL WETLAND PLANT LIST, CURRENT VERSION.
- SITE SPECIFIC SOIL SURVEY PERFORMED BY GOVE ENVIRONMENTAL SERVICES, INC. DURING DECEMBER 20 & 21, 2017. SOILS WERE IDENTIFIED WITH THE NEW HAMPSHIRE STATE-WIDE NUMERICAL SOILS LEGEND, USA NRCS, DURHAM, NH, ISSUE #10, JANUARY 2011.
- A CONDITIONAL LETTER OF MAP REVISION (CLMR) HAS BEEN ISSUED BY FEMA TO MODIFY THE EXISTING FLOODPLAIN (CASE NO. 17-01-09R, ISSUED OCTOBER 20, 2017). A PORTION OF MAP 98, LOT 7887 IS LOCATED WITHIN THE REvised SPECIAL FLOOD HAZARD AREA. MAP 10-12277 IS NOT LOCATED WITHIN THE REvised SPECIAL FLOOD HAZARD AREA.
- BENCHMARK: RM 15 - DISK STAMPED 'F-2' LOCATED IN THE WEST END OF THE NORTH ABUTMENT OF THE BOSTON & MAINE RAILROAD BRIDGE OVER POLICY BROOK NEAR ROCKINGHAM PARK. ELEVATION=124.12 (NVGD29).

SALEM MUNICIPAL SERVICES DEPARTMENT NOTES:

- REQUIRED METERING AND BACKFLOW PREVENTION DEVICES WILL BE INSTALLED ON WATER SERVICES. THESE DEVICES WILL BE LOCATED AT THE POINT SERVICE LINES ENTER THE BUILDING. SERVICE LINES ARE NOT ALLOWED TO RUN THROUGH THE BUILDING, UNDER FLOORS, OVERHEAD OR OTHERWISE.
- ALL EXISTING WATER AND SEWER SERVICES FOR BUILDINGS TO BE RAZED MUST BE CUT AND CAPPED PRIOR TO RAZE AND PERMIT BEGIN ISSUE.
- DOMESTIC WATER SERVICES MAY BE TAPPED OFF FIRE SPRINKLER SERVICES, PROVIDED THE DOMESTIC SERVICE IS TAPPED A MINIMUM OF TEN FEET OUTSIDE THE BUILDING. VALVES ARE REQUIRED ON BOTH SERVICE LINES, WITH A VALVE IN THE FIRE SERVICE DOWNSTREAM OF THE DOMESTIC SERVICE TAP. THESE VALVES SHOULD BE LOCATED A MINIMUM FIVE FEET FROM THE BUILDING.
- THE ANTICIPATED DAILY WATER USAGE FOR THE PROJECT (BUILDING #1300), BASED ON THE TYPICAL WASTEWATER RATINGS PUBLISHED IN "WASTEWATER ENGINEERING TREATMENT AND RESOURCE RECOVERY", FIFTH EDITION (VOLUME 1), 2014 BY METCALF & EDDY, IS AS FOLLOWS:
 - FOR 35,561 SF OF RETAIL, 552 GALLONS PER DAY (GPD)
 - FOR 34,318 SF OF SPECIALTY GROCER, 503 GPD
 - FOR 4,872 SF OF RESIDENTIAL LOBBY/AMENITIES, 199 GPD
 - FOR 300 UNITS OF RESIDENTIAL, 23,028 GPD
 - TOTAL = 2,283 GPD
- MUNICIPAL WATER CANNOT BE USED FOR IRRIGATION PURPOSES. ALL WATER PROVIDED FOR IRRIGATION SHALL BE SOURCED FROM AN ON-SITE WELL.

SALEM FIRE DEPARTMENT NOTES:

- BUILDING SHALL BE PROVIDED WITH AN AUTOMATIC FIRE ALARM SYSTEM DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 72, 2002 EDITION AND SALEM FIRE DEPARTMENT REGULATIONS.
- ALL SITE AND CONSTRUCTION PLANS MAY BE REVIEWED BY A THIRD PARTY CONSULTANT OF THE TOWNS CHOOSING. ALL COST ASSOCIATED WITH THIRD PARTY REVIEWS AND INSPECTION SHALL BE PAID BY THE DEVELOPER.
- UNDERGROUND WATER MAINS AND HYDRANTS SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH THE INTERNATIONAL FIRE CODE 2000 EDITION, APPENDIX B AND C, AND SALEM WATER DEPARTMENT REGULATIONS. FLOW CALCULATIONS AND BUILDING CONSTRUCTION SHALL BE INCLUDED WITH THE SITE PLANS.
- PLANS FOR CONSTRUCTION OF BUILDINGS AND FIRE PROTECTION SYSTEM SHALL BE SUBMITTED TO THE SALEM FIRE DEPARTMENT AND RELEASED FOR CONSTRUCTION PRIOR TO STARTING WORK. ALL CONTRACTORS INSTALLING FIRE PROTECTION SYSTEMS SHALL HOLD A CERTIFICATE OF FITNESS FROM THE SALEM FIRE DEPARTMENT.
- ALL UNDERGROUND WATER MAINS SERVING SPRINKLER OR STANDPIPE SYSTEM SHALL BE FLUSHED IN ACCORDANCE WITH NFPA 24 AND SHALL BE WITNESSED BY SALEM FIRE DEPARTMENT PERSONNEL.
- ALL BUILDINGS THREE OR MORE STORIES IN HEIGHT ABOVE THE LEVEL OF FIRE DEPARTMENT ACCESS AS DETERMINED BY THE FIRE DEPARTMENT SHALL BE PROVIDED WITH CLASS 1 STANDPIPES DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 14, 2003 EDITION.

UTILITY NOTES:

- COORDINATE ALL UTILITY WORK WITH APPROPRIATE UTILITY COMPANY.
 - NATURAL GAS - UTILIT
 - WATER - TOWN OF SALEM MUNICIPAL SERVICES
 - SEWER - TOWN OF SALEM MUNICIPAL SERVICES
 - ELECTRIC - LIBERTY UTILITIES
 - COMMUNICATIONS - CONSOLIDATED COMMUNICATIONS
- ALL WATER MAIN INSTALLATIONS SHALL BE CLASS S2, CEMENT LINED DUCTILE IRON PIPE.
- ALL WATER MAIN INSTALLATIONS SHALL BE PRESSURE TESTED AND CHLORINATED AFTER CONSTRUCTION PRIOR TO ACTIVATING THE SYSTEM. CONTRACTOR SHALL COORDINATE CHLORINATION AND TESTING WITH THE TOWN OF SALEM MUNICIPAL SERVICES WATER DEPARTMENT.
- ALL SEWER PIPE SHALL BE SDR 35 UNLESS OTHERWISE STATED.
- COORDINATE TO EXISTING WATER MAINS AS ALL CONSTRUCTION SHALL BE CONSTRUCTED TO MEET THE TOWN OF SALEM MUNICIPAL SERVICES STANDARDS.
- EXISTING UTILITIES TO BE REMOVED SHALL BE CAPPED AT THE MAIN AND MEET THE TOWN OF SALEM MUNICIPAL SERVICES STANDARDS FOR CAPPING OF WATER AND SEWER SERVICES.
- ALL ELECTRICAL MATERIAL WORKMANSHIP SHALL CONFORM TO THE NATIONAL ELECTRICAL CODE, LATEST EDITION, AND ALL APPLICABLE STATE AND LOCAL CODES.
- THE EXACT LOCATION OF NEW UTILITY SERVICES AND CONNECTIONS SHALL BE COORDINATED WITH THE BUILDING DRAWINGS AND THE APPLICABLE UTILITY COMPANIES.
- ALL UNDERGROUND CONDUITS SHALL HAVE NYLON PULL ROPES TO FACILITATE PULLING CABLES.

10. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL MANHOLES, BOXES, FITTINGS, CONNECTORS, COVER PLATES, AND OTHER MISCELLANEOUS ITEMS NOT NECESSARILY DETAILED ON THESE DRAWINGS TO RENDER INSTALLATION OF UTILITIES COMPLETE AND OPERATIONAL.

11. CONSTRUCTION OF NEW CONCRETE CURB, GUTTERS, DRAINS, DITCHES, ABUTTERS, ETC. SHALL MEET THE REQUIREMENTS OF THE TOWN OF SALEM MUNICIPAL SERVICES.

12. A 10-FOOT MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE PROVIDED BETWEEN ALL WATER AND SANITARY SEWER LINES. AN 18-INCH MINIMUM OUTSIDE TO OUTSIDE VERTICAL SEPARATION SHALL BE PROVIDED AT ALL WATER/SANITARY SEWER CROSSINGS.

13. SAW CUT AND REMOVE PAVEMENT AND CONSTRUCT PAVEMENT TRENCH PATCH FOR ALL PROPOSED UTILITIES LOCATED IN EXISTING PAVEMENT AREAS TO REMAIN.

14. HYDRANTS, GATE VALVES, FITTINGS, ETC. SHALL MEET THE REQUIREMENTS OF THE TOWN OF SALEM MUNICIPAL SERVICES.

15. COORDINATE TESTING OF SEWER CONSTRUCTION WITH THE TOWN OF SALEM MUNICIPAL SERVICES.

16. ALL SEWER PIPE WITH LESS THAN 6' OF COVER IN UNPAVED AREAS OR LESS THAN 4' OF COVER IN UNPAVED AREAS SHALL BE INSULATED.

17. CONTRACTOR SHALL COORDINATE ALL ELECTRIC WORK INCLUDING BUT NOT LIMITED TO: CONDUIT CONSTRUCTION, MANHOLE CONSTRUCTION, UNDERGROUND CONDUITS, OVERHEAD CONDUITS, OVERHEAD POLE, AND TRANSFORMER CONSTRUCTION WITH POWER COMPANY.

18. SITE LIGHTING SPECIFICATIONS, CONDUIT LAYOUT AND CIRCUITRY FOR PROPOSED SITE LIGHTING AND SIGN ILLUMINATION SHALL BE COORDINATED WITH THE PROJECT ELECTRICAL ENGINEER AND ARE TO BE SUBMITTED TO THE PROJECT SITE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

19. CONTRACTOR SHALL CONSTRUCT ALL UTILITIES AND DRAINS TO WITHIN 10' OF THE FOUNDATION WALLS AND CONNECT THESE TO SERVICE STUBS FROM THE BUILDING.

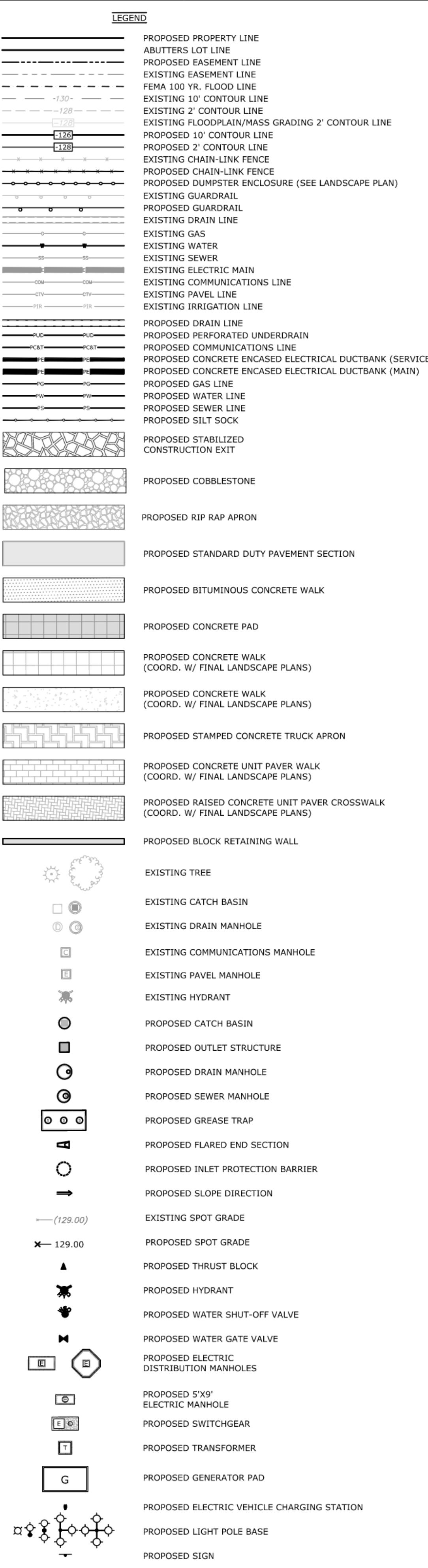
20. ALL UTILITY STUBS SHALL BE CAPPED FOR FUTURE CONNECTION.

EROSION CONTROL NOTES:

- SEE SHEET C.501 FOR GENERAL EROSION CONTROL NOTES AND DETAILS.

EXISTING CONDITIONS PLAN NOTES:

- REFERENCE: TAX MAP 98, LOT 7887
- EXISTING FEATURES SHOWN HEREON ARE THE RESULT OF A FIELD SURVEY PERFORMED BY MHF DESIGN CONSULTANTS, INC. BETWEEN OCTOBER 2014 & JUNE 2017 AND SUPPLEMENTED WITH UPDATED SURVEY (SEE REFERENCE PLAN NOTE 1) AND AERIAL PHOTOGRAPHY BY EASTERN PHOTOGRAPHICS, PHOTO DATE: 9/26/14, COMPILED: 10/14/14.
- JURISDICTIONAL WETLANDS DELINEATED BY GOVE ENVIRONMENTAL SERVICES, INC. DURING DECEMBER 2015 IN ACCORDANCE WITH;
- THE US CORPS OF ENGINEERS REGIONAL SUPPLEMENT TO THE CORPS ENGINEERS WETLAND DELINEATION MANUAL: NORTHCENTRAL AND NORTHEAST REGIONAL TECHNICAL REPORT ERDC/EL-TR-12-1, JANUARY 2012, VERSION 2.0.
- FIELD INDICATORS OF HYDRIC SOILS IN THE UNITED STATES, A GUIDE FOR IDENTIFYING AND DELINEATING HYDRIC SOILS, VERSION 7.0. IMOTED STATES DEPARTMENT OF AGRICULTURE (2010);
- NORTH AMERICAN FLORA: NATIONAL WETLAND PLANT LIST, CURRENT VERSION.
- SITE SPECIFIC SOIL SURVEY PERFORMED BY GOVE ENVIRONMENTAL SERVICES, INC. DURING DECEMBER 20 & 21, 2017. SOILS WERE IDENTIFIED WITH THE NEW HAMPSHIRE STATE-WIDE NUMERICAL SOILS LEGEND, USA NRCS, DURHAM, NH, ISSUE #10, JANUARY 2011.
- A CONDITIONAL LETTER OF MAP REVISION (CLMR) HAS BEEN ISSUED BY FEMA TO MODIFY THE EXISTING FLOODPLAIN (CASE NO. 17-01-09R, ISSUED OCTOBER 20, 2017). A PORTION OF MAP 98, LOT 7887 IS LOCATED WITHIN THE REvised SPECIAL FLOOD HAZARD AREA. MAP 10-12277 IS NOT LOCATED WITHIN THE REvised SPECIAL FLOOD HAZARD AREA.
- BENCHMARK: RM 15 - DISK STAMPED 'F-2' LOCATED IN THE WEST END OF THE NORTH ABUTMENT OF THE BOSTON & MAINE RAILROAD BRIDGE OVER POLICY BROOK NEAR ROCKINGHAM PARK. ELEVATION=124.12 (NVGD29).



| ABBREVIATIONS | |
|---------------|--|
| AO | ALTERATION OF TERRAIN |
| APPROX. | APPROXIMATE |
| BLDG. | BUILDING |
| BCC | BITUMINOUS CONCRETE CURB |
| BOT. | BOTTOM OF WALL |
| BW | CONTINUOUS DEFLECTIVE SEPARATION |
| CONC. | CONCRETE |
| CONST. | CONSTRUCT |
| COORD. | COORDINATE |
| CLMR | CONDITIONAL LETTER OF MAP REVISION |
| DBK | BANKFULL DEPTH |
| DIA. | DIAMETER |
| DIP | DUCTILE IRON PIPE |
| EC | EXHAUST CONDITIONS |
| ELEC. | ELECTRIC |
| ELEV. | ELEVATION |
| EP | EDGE OF PAVEMENT |
| FEMA | FEDERAL EMERGENCY MANAGEMENT AGENCY |
| FES | FLARED END SECTION |
| FGC | FLUSH GRANITE CURB |
| HDPE | HIGH DENSITY POLYETHYLENE |
| INV. | INVERT |
| JPF | JELLYFISH FILTER |
| L | LENGTH |
| LF | LINEAR FEET |
| MAX. | MAXIMUM |
| MIN. | MINIMUM |
| NHDES | NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES |
| OD | OUTSIDE DIAMETER |
| PCB | PROPOSED CATCH BASIN |
| PMH | PROPOSED DRAIN MANHOLE |
| POS | PROPOSED OUTLET STRUCTURE |
| PYD | PROPOSED YARD DRAIN |
| PERF. | PERFORATED |
| PRGT | PROPOSED RAIN GUARDIAN TURRET |
| PVC | POLYVINYL CHLORIDE |
| RCP | REINFORCED CONCRETE PIPE |
| RD | RAIN DRAIN |
| RG | RAIN GARDEN |
| S | SLOPE |
| SBLW | SINGLE BROKEN LINE WHITE |
| SSLW | SINGLE SOLID LINE WHITE |
| SGC | SLOPED GRANITE CURB |
| SHWT | SEASONAL HIGH WATER TABLE |
| SBLW | SINGLE BROKEN LINE WHITE |
| SBLY | SINGLE BROKEN LINE YELLOW |
| SSLW | SINGLE SOLID LINE YELLOW |
| SSLY | SINGLE SOLID LINE YELLOW |
| TB | TOP OF BANK |
| TBR | TO BE REMOVED |
| TELECOM. | TELECOMMUNICATIONS |
| THLWG | THALWEG |
| TW | TOP OF WALL |
| TYP. | TYPE |
| UGSC | UNDERGROUND STORAGE CHAMBER |
| VGC | VERTICAL GRANITE CURB |
| VIF | VERIFY IN FIELD |
| WBKF | BANKFULL WIDTH |
| W/ | WITH |

| PERMIT DRAWINGS - NOT FOR CONSTRUCTION | | |
|--|------|-------------|
| MARK | DATE | DESCRIPTION |

| PARKING CALCULATIONS TOWN OF SALEM ZONING FOR SOUTH VILLAGE/CENTRAL VILLAGE 120 AC 3-17-2022 Revised 6-21-2022 Revised 8-8-2023 Revised 10-5-2023 | | | | | | | | | | |
|---|------|---|----------------|------------|-------|---------------|------------|------------|--------------|----------|
| Building | Unit | Tenant Category | SF- UNIT | # SEATS | UNIT | PARKING RATIO | PKG RQMT 1 | PKG RQMT 2 | VARIANCE +/- | COMMENTS |
| Tuscan Village South District | | | | | | | | | | |
| 100 | 120 | Furniture and Furnishings (Arthaus) | 11,563 | | SF | 1 SP/500 SF | | | 23 | |
| | 115 | Standard Retail | 8,039 | | SF | 1 SP/200 SF | | | 40 | |
| | 100 | Furniture and Furnishings (Pottery Barn) | 14,887 | | SF | 1 SP/500 SF | | | 30 | |
| | | | 34,489 | | | | | | | |
| | | Total GFA Building 100 | 34,489 | | | | | | | |
| 200 | 200 | Standard Retail (Nike) | 15,141 | | SF | 1 SP/200 SF | | | 76 | |
| | 220 | Standard Retail (Old Navy) | 15,098 | | SF | 1 SP/200 SF | | | 75 | |
| | 240 | Standard Retail (Ulta Beauty) | 10,080 | | SF | 1 SP/200 SF | | | 50 | |
| | 260 | Standard Retail (Vacant) | 5,337 | | SF | 1 SP/200 SF | | | 27 | |
| | | | 45,656 | | | | | | | |
| | | Total GFA Building 200 | 45,656 | | | | | | | |
| 300 | 300 | Standard Retail (Container Store) | 15,384 | | SF | 1 SP/200 SF | | | 77 | |
| | | Total GFA Building 300 | 15,384 | | | | | | | |
| 400 | 400 | Standard Retail (Banfield Pet Hospital) | 3,570 | | SF | 1 SP/200 SF | | | 18 | |
| | 420 | Standard Retail (Lenscrafters) | 3,562 | | SF | 1 SP/200 SF | | | 18 | |
| | 440 | Standard Retail (T-Mobile) | 3,736 | | SF | 1 SP/200 SF | | | 19 | |
| | 460 | Standard Retail (Vibeco) | 1,911 | | SF | 1 SP/200 SF | | | 10 | |
| | 470 | Standard Retail (U Break I Fix) | 904 | | SF | 1 SP/200 SF | | | 5 | |
| | 475 | Restaurant (Fast/Casual Dining (Bennetts) | 1,252 | | SF | 1 SP/75 SF | | | 17 | |
| | | Restaurant (Fast/Casual Dining (Bennetts) | | 20 | SEATS | 1 SP/2 SEATS | | | 10 | |
| | | | | | | | | | 17 | |
| | 480 | Restaurant (Fast/Casual Dining Chipotle) | 2,300 | | SF | 1 SP/75 SF | | | 31 | |
| | | Restaurant (Fast/Casual Dining Chipotle) | | 71 | SEATS | 1 SP/2 SEATS | | | 36 | |
| | | | | | | | | | 36 | |
| | | Total GFA Building 400 | 17,235 | | | | | | | |
| 500 | 500 | Café/Takeout (Chic Filet) | 5,046 | | SF | 1 SP/75 SF | | | 67 | |
| | | Café/Takeout (Chic Filet) | | 118 | SEATS | 1 SP/2 SEATS | | | 59 | |
| | | | | | | | | | 67 | |
| | | Total GFA Building 500 | 5,046 | | | | | | | |
| 520 | 520 | Bank w/Drive thru (Chase Bank) | 3,507 | | SF | 1SP/300 SF | | | 12 | |
| | | Total GFA Building 520 | 3,507 | | | | | | | |
| 600 | 600 | Specialty Grocery (Tuscan Market) | 2,494 | | SF | 1 SP/200 SF | | | 12 | |
| | 600 | Restaurant (Fast/Casual Dining -Tuscan Market) | 3,520 | | SF | 1 SP/75 SF | | | 47 | |
| | | Restaurant (Fast/Casual Dining -Tuscan Market) | | 202 | SEATS | 1 SP/2 SEATS | | | 101 | |
| | | | | | | | | | 101 | |
| | 610 | Cooking School (Tuscan Market) | 1,774 | | SF | 1 SP/200 SF | | | 9 | |
| | 620 | Standard Retail (Williams Sonoma) | 5,282 | | SF | 1 SP/200 SF | | | 26 | |
| | | Common Area (including bsmt) | 936 | | SF | | | | 0 | |
| | | Total GFA Building 600/620 | 14,006 | | | | | | | |
| 700 | 700 | Standard Retail (LL Bean) | 15,248 | | SF | 1 SP/200 SF | | | 76 | |
| | | Total GFA Building 700 | 15,248 | | | | | | | |
| 800 | 800 | Restaurant (Fast/Casual Dining, Beach Plum) | 5,727 | | SF | 1 SP/75 SF | | | 76 | |
| | | Restaurant (Fast/Casual Dining, Beach Plum) | | 248 | SEATS | 1 SP/2 SEATS | | | 124 | |
| | | | | | | | | | 124 | |
| | | Total GFA Building 800 | 5,727 | | | | | | | |
| 900 | 900 | Standard Retail (Sleep Number) | 3,003 | | SF | 1 SP/200 SF | | | 15 | |
| | 910 | Standard Retail (AT&T) | 1,932 | | SF | 1 SP/200 SF | | | 10 | |
| | | Common Area | 198 | | SF | \$0.00 | | | 0 | |
| | | Total GFA Building 900 | 5,133 | | | | | | | |
| 1100 | 1100 | Lifestyle Anchor Health Club - 2 floors (Drive) | 25,000 | | SF | 1 SP/150 SF | | | 167 | |
| | | Total GFA Building 1100 | 25,000 | | | | | | | |
| 1400 | 1400 | Restaurant (Fast/Casual Dining (Beer Garden) | 5,000 | | SF | 1 SP/75 SF | | | 67 | |
| | | Restaurant (Fast/Casual Dining (Beer Garden) | | 200 | SEATS | 1 SP/2 SEATS | | | 100 | |
| | | | | | | | | | 100 | |
| Totals South Village District | | | 186,431 | 859 | | | | | | |

| TOTAL PARKING REQ'D TUSCAN SOUTH VILLAGE DISTRICT | | | | | | | | 1,238 | | |
|---|------|--|----------------|---------|-------|---------------|------------|------------|--------------|--|
| Building | Unit | Tenant Category | SF- UNIT | # SEATS | UNIT | PARKING RATIO | PKG RQMT 1 | PKG RQMT 2 | VARIANCE +/- | COMMENTS |
| Tuscan Village Central District Phase I | | | | | | | | | | |
| 2000 | 2000 | Standard Retail | 1,724 | | SF | 1 SP/200 SF | | | 9 | |
| | 2010 | Standard Retail | 3,678 | | SF | 1 SP/200 SF | | | 18 | |
| | 2020 | Standard Retail | 1,000 | | SF | 1 SP/200 SF | | | 5 | |
| | 2030 | Standard Retail | 4,255 | | SF | 1 SP/200 SF | | | 21 | |
| | 2040 | Standard Retail | 2,522 | | SF | 1 SP/200 SF | | | 13 | |
| | 2050 | Standard Retail | 2,376 | | SF | 1 SP/200 SF | | | 12 | |
| | 2060 | Standard Retail | 3,239 | | SF | 1 SP/200 SF | | | 16 | |
| | 2070 | Café/Takeout (Unnamed) | 930 | | SF | 1 SP/75 SF | 12 | | | |
| | | Café/Takeout (Unnamed) | | 21 | Seats | 1SP/2 SEATS | 11 | 12 | | |
| | 2080 | Restaurant (Fine/Casual Dining) Tuscan Kitchen | 14,738 | | SF | 1 SP/75 SF | 197 | | | Includes 5,313 sf rooftop bar |
| | | Restaurant (Fine/Casual Dining) Tuscan Kitchen | | 479 | Seats | 1 SP/2 SEATS | 240 | 240 | | with assumed 145 seats |
| | 2090 | Standard Retail | 2,931 | | SF | 1 SP/200 SF | | | 15 | |
| | 2100 | Standard Retail | 2,169 | | SF | 1 SP/200 SF | | | 11 | |
| | 2110 | Standard Retail | 1,436 | | SF | 1 SP/200 SF | | | 7 | |
| | 2120 | Standard Retail | 1,454 | | SF | 1 SP/200 SF | | | 7 | |
| | 2130 | Standard Retail | 855 | | SF | 1 SP/200 SF | | | 4 | |
| | 2140 | Standard Retail | 878 | | SF | 1 SP/200 SF | | | 4 | |
| | 2150 | Standard Retail | 1,026 | | SF | 1 SP/200 SF | | | 5 | |
| | | 70 Units Condominium | 96,974 | 70 | Units | 2 SP/UNIT | | 140 | | 140 required by zoning 130 spaces in the underground garage of Building 2000 |
| | | Hotel 165 rooms | 95,581 | 165 | Rooms | 1 SP/Room | | | 165 | |
| | | Banquet/Grand Lawn | 9,064 | | SF | 1 SP/75 SF | 121 | | | |
| | | Banquet/Grand Lawn | | 390 | Seats | 1SP/2 SEATS | 195 | 195 | | |
| | | Parking Garage (130 Spaces) | 42,470 | | | | | | | |
| Total GFA Building 2000 | | | 289,300 | | SF | | | | | |
| TOTAL PARKING REQ'D BUILDING 2000 | | | | | | | | 900 | | |

| Building | Unit | Tenant Category | SF- UNIT | # SEATS | UNIT | PARKING RATIO | PKG RQMT 1 | PKG RQMT 2 | VARIANCE +/- | COMMENTS |
|---|------|---------------------------------|----------------|------------|-----------|---------------|------------|------------|--------------|---|
| Tuscan Village Central District Phase II | | | | | | | | | | |
| 3000 | 3000 | Restaurant (Fast/Casual Dining) | 5,000 | | SF | 1 SP/75 SF | 67 | | | |
| | | Restaurant (Fast/Casual Dining) | | 135 | Seats | 1 SP/2 SEATS | 68 | 68 | | |
| 3010 | | Standard Retail (1st Floor) | 5,955 | | SF | | | 30 | | |
| 3020 | | Standard Retail (1st Floor) | 4,653 | | SF | | | 23 | | |
| 3030 | | Standard Retail (1st Floor) | 3,434 | | SF | | | 17 | | |
| 3040 | | Standard Retail (1st Floor) | 3,602 | | SF | | | 18 | | |
| 3050 | | Restaurant (Fine/Casual Dining) | 9,285 | | SF | 1 SP/75 SF | 124 | | | |
| | | Restaurant (Fine/Casual Dining) | | 258 | Seats | 1 SP/2 SEATS | 129 | 129 | | |
| 3060 | | Restaurant (Fast/Casual Dining) | 3,000 | | SF | 1 SP/75 SF | 40 | | | |
| | | Restaurant (Fast/Casual Dining) | | 99 | Seats | 1 SP/2 SEATS | 50 | 50 | | |
| 3070 | | Standard Retail (1st Floor) | 4,000 | | SF | | | 20 | | |
| 3080 | | Standard Retail (1st Floor) | 5,427 | | SF | | | 27 | | |
| | | Residential Lobby | 7,202 | | SF | | | | | |
| 3010 | | 230 Units Multifamily | 263,060 | 230 | Units | 2 SP/UNIT | | 460 | | 460 Paces req'd per zoning 322 spaces (1.4 spaces/unit) approved by CUP |
| Total GFA Building 3000 | | | 314,618 | 722 | SF | | | | | |

| TOTAL PARKING REQ'D BUILDING 3000 | | | | | | | 841 | | |
|--|------|---------------------------------|----------|---------|-------|---------------|------------|------------|--------------|
| Building | Unit | Tenant Category | SF- UNIT | # SEATS | UNIT | PARKING RATIO | PKG RQMT 1 | PKG RQMT 2 | VARIANCE +/- |
| Tuscan Village Central District - Phase III | | | | | | | | | |
| 1000 | 1000 | Restaurant (Fast/Casual Dining) | 3,040 | | SF | 1 SP/75 SF | 41 | | |
| | | Restaurant (Fast/Casual Dining) | | 90 | Seats | 1 SP/2 SEATS | 45 | 41 | |
| 1010 | 1 | Standard Retail | 756 | | SF | 1 SP/200 SF | | 4 | |
| | 2 | Standard Retail | 756 | | SF | 1 SP/200 SF | | 4 | |
| | 3 | Restaurant (Fast/Casual Dining) | 1,440 | | SF | 1 SP/75 SF | 19 | | |
| | 3 | Restaurant (Fast/Casual Dining) | | 40 | Seats | 1 SP/2 SEATS | 20 | 20 | |
| 1020 | | Standard Retail | 1,800 | | SF | 1 SP/200 SF | | 9 | |
| 1060 | | Restaurant (Fast/Casual Dining) | 1,320 | | SF | 1 SP/75 SF | 18 | | |
| | | Restaurant (Fast/Casual Dining) | | 40 | Seats | 1 SP/2 SEATS | 20 | 20 | |
| 1070 | | Standard Retail | 4,200 | | SF | 1 SP/200 SF | | 21 | |
| 1075 | 1 | Standard Retail | 1,000 | | SF | 1 SP/200 SF | | 5 | |
| | 2 | Restaurant (Fast/Casual Dining) | 2,800 | | SF | 1 SP/75 SF | 37 | | |
| | | Restaurant (Fast/Casual Dining) | | 62 | Seats | 1 SP/2 SEATS | 31 | 37 | |
| | 3 | Standard Retail | 1,000 | | SF | 1 SP/200 SF | | 5 | |
| | | | | | SF | 1 SP/200 SF | | 0 | |
| Total GEA Buildings 1000-1075 (Jewel Buildings) | | | 18,112 | | | | | | |

| Total GFA Buildings 1000-1075 (Jewel Buildings) | | 10,422 | SF | | | | 165 | | |
|--|------|---------------------------------|----------|---------|------|---------------|------------|------------|--------------|
| Total Parking Required by Zoning Ordinance (Buildings 1000-1075 Jewel Buildings) | | | | | | | | | |
| Building | Unit | Tenant Category | SF- UNIT | # SEATS | UNIT | PARKING RATIO | PKG RQMT 1 | PKG RQMT 2 | VARIANCE +/- |
| | | Tuscan Village Central District | | | | | | | |
| 1200 | 1200 | Furniture and Furnishings | 11,565 | | SF | 1 SP/500 SF | | 23 | |
| 1210 | | Standard Retail | 4,207 | | SF | 1 SP/200 SF | | 21 | |
| 1215 | | Standard Retail | 1,216 | | SF | 1 SP/200 SF | | 7 | |

| | | | | | | |
|--------------------------------|---------------------------------|----------------|-------|--------------|-----|-----|
| 1215 | Standard Retail | 1,349 | SF | 1 SP/200 SF | 7 | |
| 1220 | Standard Retail | 3,670 | SF | 1 SP/200 SF | 18 | |
| 1270 | Restaurant (Fast/Casual Dining) | 8,807 | SF | 1 SP/75 SF | 117 | |
| | Restaurant (Fast/Casual Dining) | 268 | Seats | 1 SP/2 SEATS | 134 | 134 |
| 1280 | Restaurant (Fast/Casual Dining) | 4,261 | SF | 1 SP/75 SF | 57 | |
| | Restaurant (Fast/Casual Dining) | 117 | Seats | 1 SP/2 SEATS | 59 | 59 |
| 1285 | Standard Retail | 977 | SF | 1 SP/200 SF | 5 | |
| 1290 | Standard Retail | 1,352 | SF | 1 SP/200 SF | 7 | |
| 1295 | Standard Retail | 1,068 | SF | 1 SP/200 SF | 5 | |
| 200-250 | General Office (2nd floor) | 33,473 | SF | 1SP/300 SF | 112 | |
| 300-350 | General Office (3rd floor) | 35,868 | SF | 1SP/300 SF | 120 | |
| Total GFA Building 1200 | | 106,597 | SF | | | |

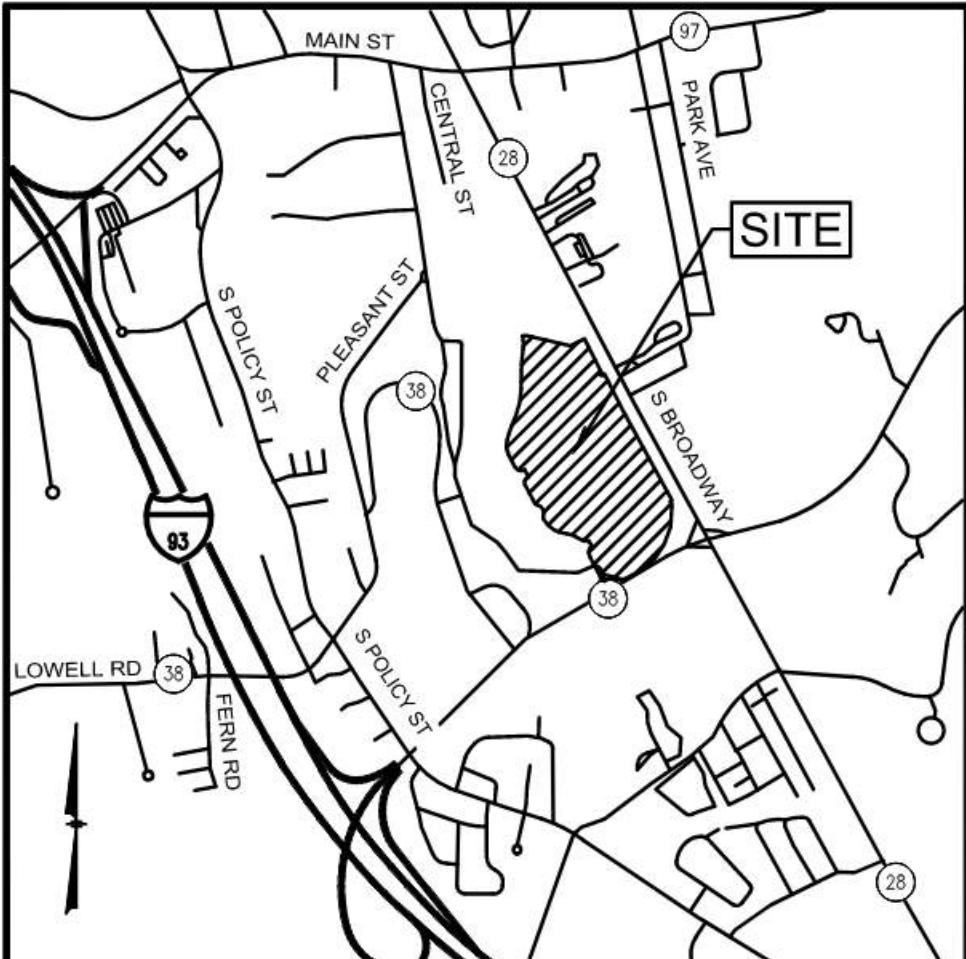
| | | | | | | |
|--|---------|----|--|---------------|---|--|
| Total GFA Buildings 1300 | 463,096 | SF | | | | |
| TOTAL PARKING REQ'D BUILDING 1300 | | | | 949 | | |
| Total Parking Required by Zoning Ordinance for South/Central Village Phases I II & III | | | | 4,604 | | |
| Total On/Off-Site Parking Provided for South/Central Village Phases I II & III | | | | 3,318 | 2593 surface spaces (259 overflow spaces J Lot) , 725 Garage spaces (underground and structure) | |
| ** Variance +/- | | | | -1,286 | Current Shortfall in South/Central Village Phases I, II & III | |

NOTE: TABLE PROVIDED BY TUSCAN VILLAGE MASTER DEVELOPMENT, LLC ON 10/5/2023

NOTE: TABLE PROVIDED BY TUSCAN VILLAGE MASTER DEVELOPMENT, LLC ON 10/3/2023.

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

| PROJECT NO: | FILE: | DRAWN BY: | CHECKED: | APPROVED: | SHEET: |
|-------------|--------------------------------|-----------|----------|-----------|--------------|
| M1775-0050 | M1775-0050-C-SITE [PERMIT].dwg | MKF/BKC | AFS | JMP | C.102 |

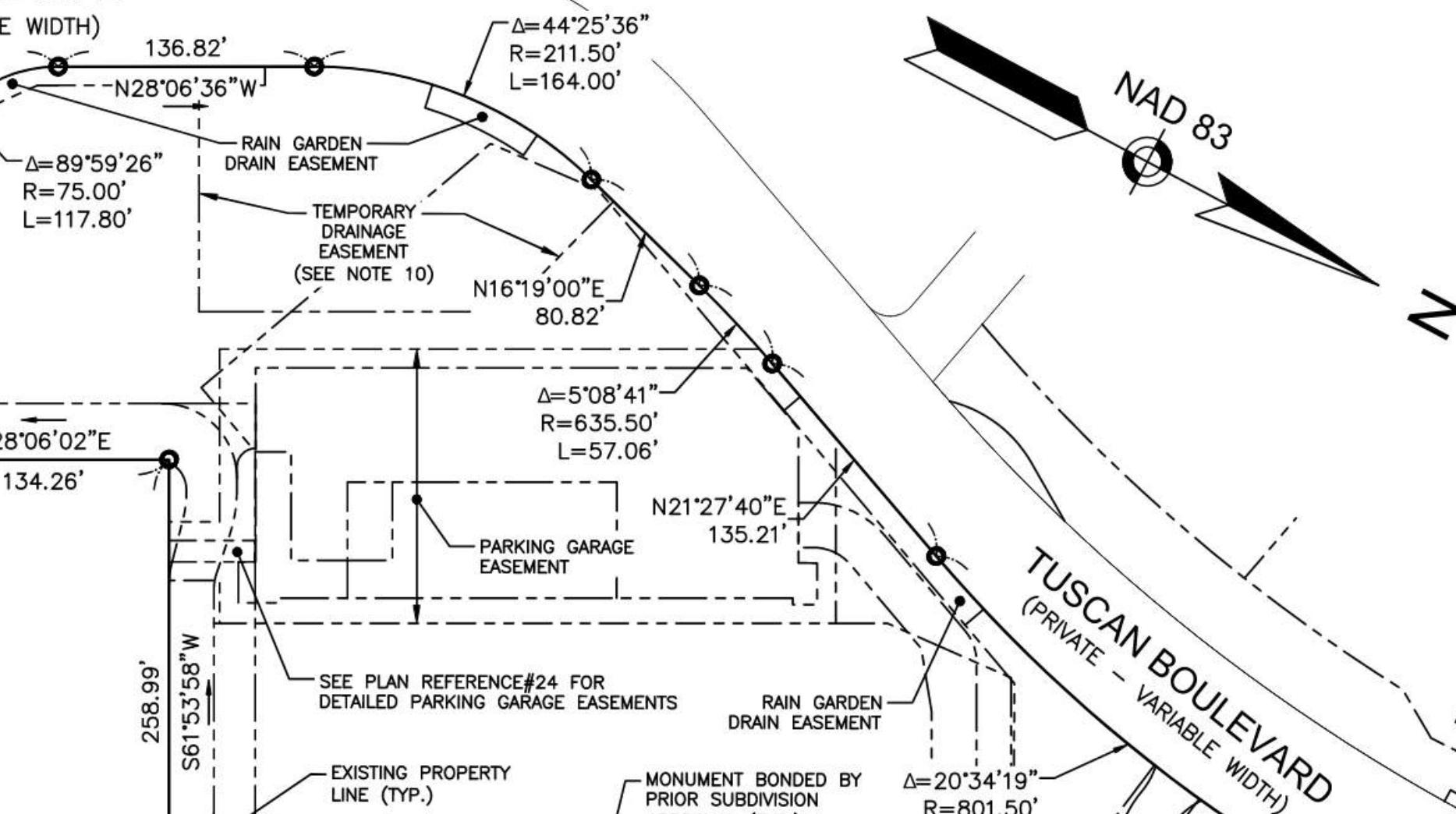


LOCATION MAP
(NOT TO SCALE)

MAP 108 LOT 12651
N/F TUSCAN VILLAGE
BLOCK 2000, LLC
P.O. BOX 1648
SALEM, NH 03079

TUSCAN BOULEVARD

(PRIVATE - VARIABLE WIDTH)



ARTISAN DRIVE

(PRIVATE - VARIABLE WIDTH)

MAP 108 LOT 13015
N/F TUSCAN VILLAGE
BLOCK 3000, LLC
P.O. BOX 1648
SALEM, NH 03079

VIA TOSCANA

(PRIVATE - VARIABLE WIDTH)

MAP 108 LOT 12577
N/F TUSCAN VILLAGE
JEWEL BUILDINGS, LLC
P.O. BOX 1648
SALEM, NH 03079

MAP 108 LOT 12569
N/F TUSCAN VILLAGE BLOCK 1200, LLC
PO BOX 1648
SALEM, NH 03079

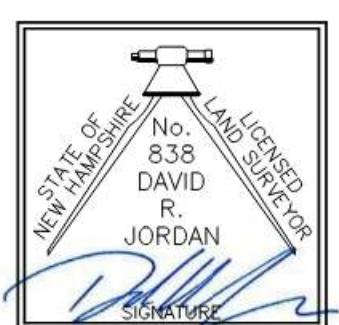
MAP 108 LOT 12501
N/F TUSCAN SOUTH VILLAGE, LLC
PO BOX 1648
SALEM, NH 03079

PROPOSED MAP 108 LOT 12657

237,600 Sq.Ft.
5.455 Ac.±

LEGEND

- PROPOSED PROPERTY LINE
- EXISTING PROPERTY LINE
- ABUTTER PROPERTY LINE
- EXISTING EASEMENT LINE
- PROPOSED EASEMENT LINE
- MONUMENT TO BE SET
- MONUMENT BONDED BY PRIOR SUBDIVISION APPROVAL



CERTIFICATION:

I CERTIFY THAT THIS SURVEY AND PLAN WAS PREPARED BY ME OR THOSE UNDER MY DIRECT SUPERVISION AND THAT THIS PLAN IS THE RESULT OF AN ACTUAL SURVEY PERFORMED ON THE GROUND BETWEEN OCTOBER 2014 AND JULY 2022 AND HAS AN ERROR OF CLOSURE OF NOT MORE THAN ONE PART IN TEN THOUSAND.

DAVID R. JORDAN, LLS 838

DATE

PLAN REFERENCES:

ROCKINGHAM COUNTY REGISTRY OF DEEDS (R.C.R.D.)
 1) R.C.R.D. PLAN #D-38619.
 2) R.C.R.D. PLAN #D-38673.
 3) R.C.R.D. PLAN #D-39763.
 4) R.C.R.D. PLAN #D-40059.
 5) R.C.R.D. PLAN #D-41074.
 6) R.C.R.D. PLAN #D-41317.
 7) R.C.R.D. PLAN #D-41318.
 8) R.C.R.D. PLAN #D-41512.
 9) R.C.R.D. PLAN #D-41513.
 10) R.C.R.D. PLAN #D-41542.
 11) R.C.R.D. PLAN #D-41543.
 12) R.C.R.D. PLAN #D-41546.
 13) R.C.R.D. PLAN #D-41782.
 14) R.C.R.D. PLAN #D-41783.
 15) R.C.R.D. PLAN #D-41798.
 16) R.C.R.D. PLAN #D-41995.
 17) R.C.R.D. PLAN #D-42616.
 18) R.C.R.D. PLAN #D-42871.
 19) R.C.R.D. PLAN #D-43172.
 20) R.C.R.D. PLAN #D-43173.
 21) R.C.R.D. PLAN #D-43401.
 22) R.C.R.D. PLAN #D-43402.
 23) R.C.R.D. PLAN #D-43379.
 24) R.C.R.D. PLAN #D-43386.
 25) R.C.R.D. PLAN #D-43508.
 26) R.C.R.D. PLAN #D-43562.
 27) R.C.R.D. PLAN #D-43633.
 28) R.C.R.D. PLAN #D-43745.
 29) R.C.R.D. PLAN #D-43836.
 30) R.C.R.D. PLAN #D-43835.

NOTES:

- 1) TOTAL EXISTING PARCEL AREA:
MAP 98 LOT 7887 = 955,322 Sq.Ft. OR 21.931 Ac.±.
TOTAL PROPOSED PARCEL AREA:
MAP 98 LOT 7887 = 717,722 Sq.Ft. OR 16.477 Ac.±.
MAP 108 LOT 12657 = 237,600 Sq.Ft. OR 5.455 Ac.±.
- 2) EXAMINATION OF THE FLOOD INSURANCE RATE MAP FOR ROCKINGHAM COUNTY, NEW HAMPSHIRE, MAP NUMBER 33015C0563E, EFFECTIVE DATE: MAY 17, 2005, AND LETTER OF MAP REVISION IDENTIFIED AS CASE NO. 21-01-607P WITH AN EFFECTIVE DATE OF JANUARY 3, 2022, INDICATES THAT A PORTION OF MAP 98 LOT 7887 IS LOCATED WITHIN ZONE AE AND ZONE A FLOOD AREAS AND THAT PROPOSED MAP 108 LOT 12657 IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA.
- 3) CURRENT ZONING IS COMMERCIAL INDUSTRIAL 'C'
MINIMUM LOT SIZE: NONE
MINIMUM LOT FRONTAGE: NONE
MINIMUM BUILDING SETBACKS ARE 30' FRONT, 20' SIDE AND 20' REAR
- 4) EASEMENTS, RIGHTS AND RESTRICTIONS SHOWN OR IDENTIFIED ARE THOSE WHICH WERE FOUND DURING RESEARCH COMPLETED AT THE ROCKINGHAM COUNTY REGISTRY OF DEEDS. OTHER RIGHTS, RESTRICTIONS AND EASEMENTS MAY EXIST WHICH A TITLE EXAMINATION OF THE SUBJECT PARCEL(S) WOULD DETERMINE.
- 5) MONUMENTS TO BE SET SHALL CONSIST OF THE FOLLOWING:
IRON RODS OR PIPES A MINIMUM OF ONE HALF INCH DIAMETER AND THIRTY INCHES LONG SHALL BE SET AT ALL LOT CORNERS AND AT ALL ANGLE POINTS.
GRANITE BOUNDS A MINIMUM OF FOUR INCHES SQUARE AND THREE FEET LONG SHALL BE SET ON THE STREET LINES AT THE POINT OF CURVATURE, POINT OF TANGENCY AND ALL ANGLE POINTS OF THE RECORDED STREET LAYOUT ON BOTH SIDES OF THE ROADWAY.
SAI MONUMENTATION SHALL BE SET OR BONDED PRIOR TO RECORDING THE PLAN.
- 6) MAP 98 LOT 7887 AND MAP 108 LOT 12657 BENEFIT FROM AN ACCESS EASEMENT RECORDED IN BOOK 5505 PAGE 2568 AND SHOWN ON PLAN D-38673, AS MODIFIED BY SUBSEQUENT PLANS RECORDED AT THE ROCKINGHAM COUNTY REGISTRY OF DEEDS.
- 7) TUSCAN BOULEVARD, ARTISAN DRIVE, AND VIA TOSCANA SHOWN ON THIS PLAN ARE TO REMAIN PRIVATELY OWNED AND MAINTAINED.
- 8) PROPOSED LOTS TO BE SERVICED BY MUNICIPAL WATER AND SEWER.
- 9) ANY SETBACK ISSUES WITH BUILDINGS ON THE PROPOSED LOTS WILL BE ADDRESSED WITH CONDITIONAL USE PERMITS UNDER THE SITE DEVELOPMENT REVIEW PROCESS.
- 10) THE DRAINAGE EASEMENT SHOWN FOR TEMPORARY DRAINAGE PURPOSES WILL BE EXTINGUISHED UPON COMPLETION OF THE SITE WORK FOR THE AREA OF THIS PROJECT.
- 11) () DENOTES STREET ADDRESS.

SUBDIVISION PLAN

PREPARED FOR:
TUSCAN VILLAGE MASTER DEVELOPMENT, LLC
P.O. BOX 1648
SALEM, NH 03079
SALEM PROPERTY MAP 98 - LOT 7887
TUSCAN BOULEVARD, ARTISAN DRIVE & VIA TOSCANA

GPI | Engineering
Design
Planning
Construction Management
603.893.0720 GPINET.COM

Greenman-Pedersen, Inc.
44 Stiles Road
Suite One
Salem, NH 03079

DATE: JUNE 28, 2023

SCALE: 1" = 80'

| OWNER OF RECORD | SALEM PLANNING BOARD |
|---|----------------------|
| TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 BOOK 6087 PAGE 1446 | APPROVAL |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | |
| DESIGNED BY: AKC/DRJ | DWG. NAME: 404016 |
| DPD | PROJECT No. 1 OF 1 |

| REVISIONS |
|-----------|
| |

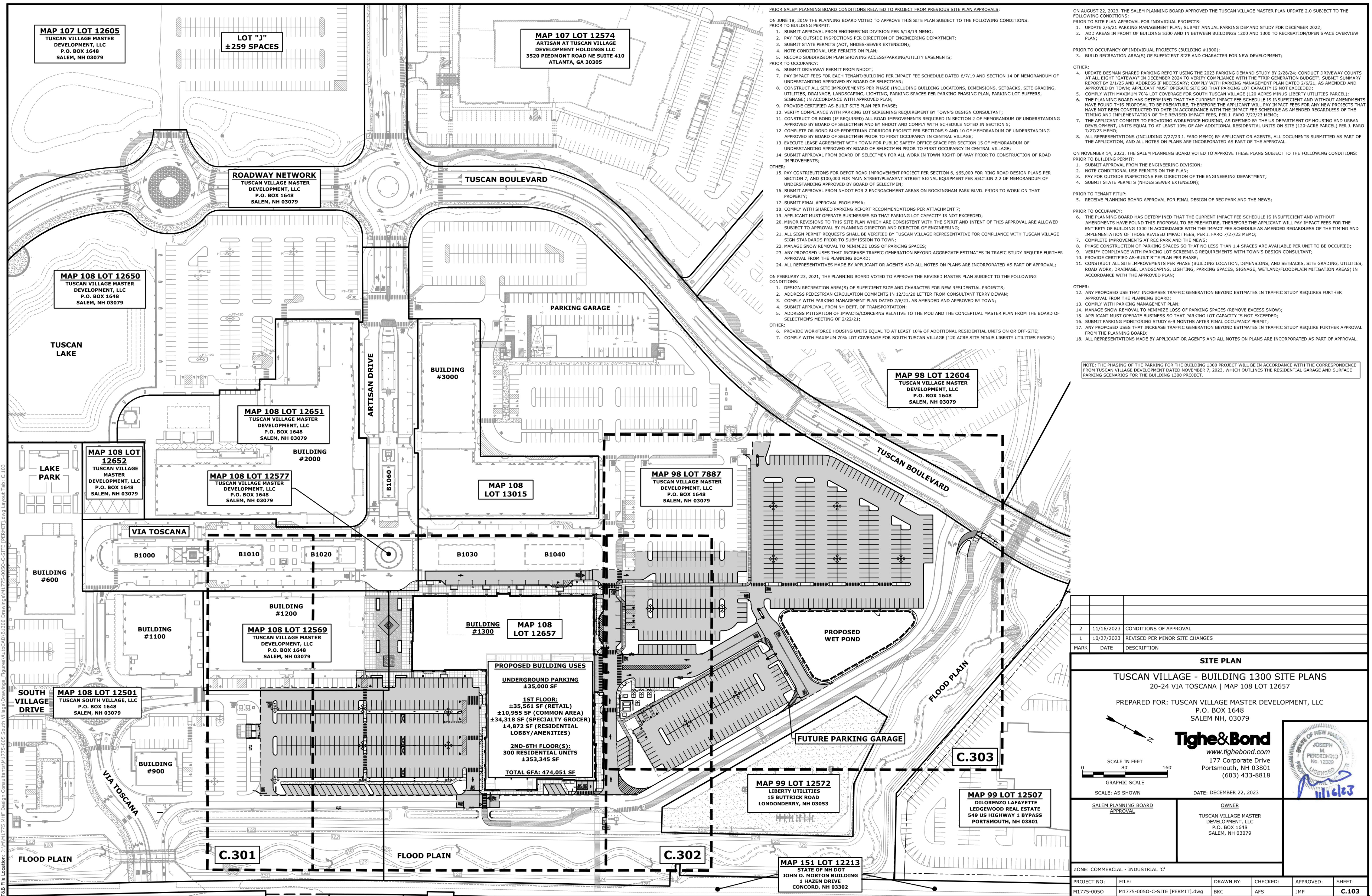
REVISIONS

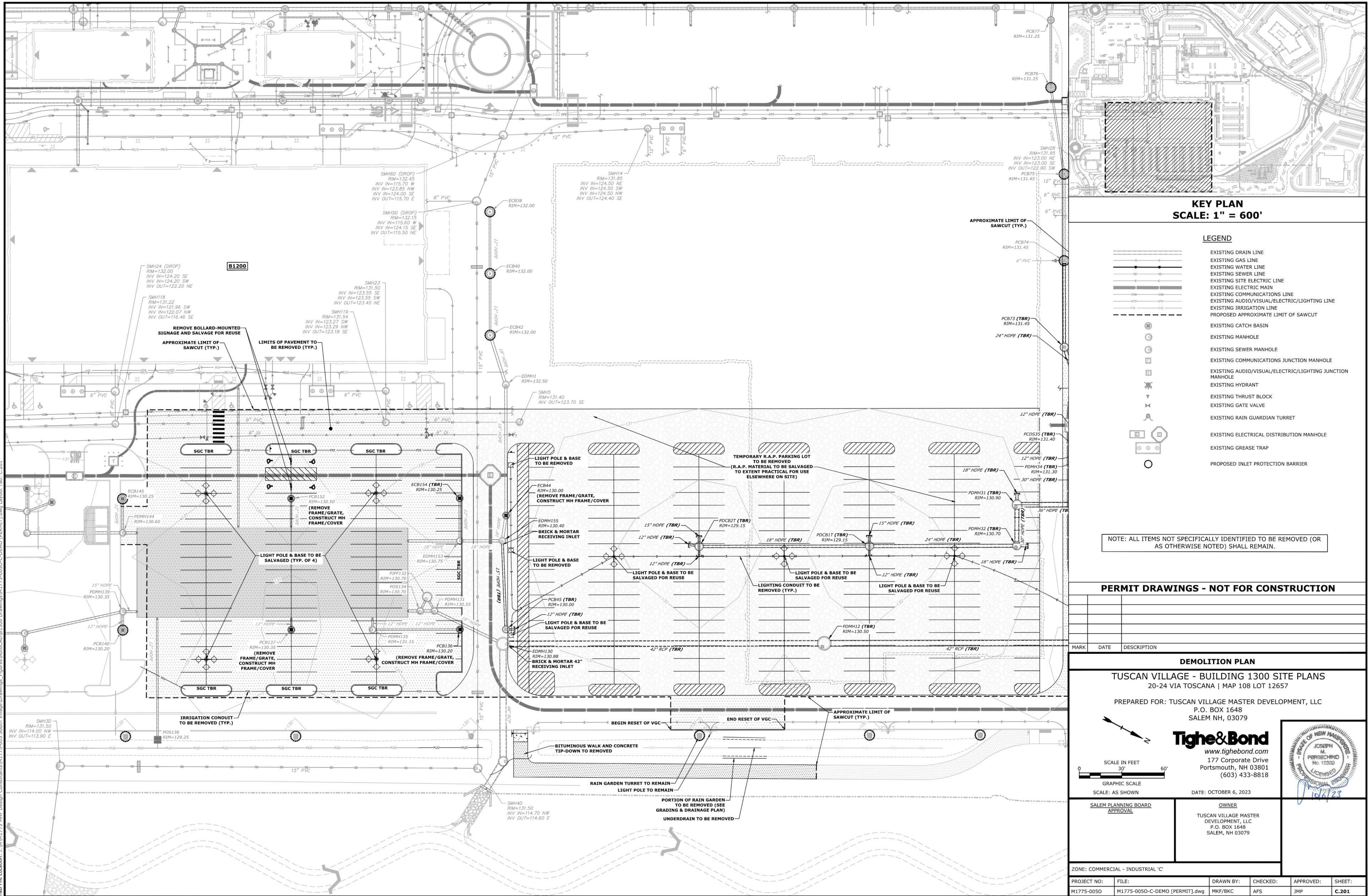
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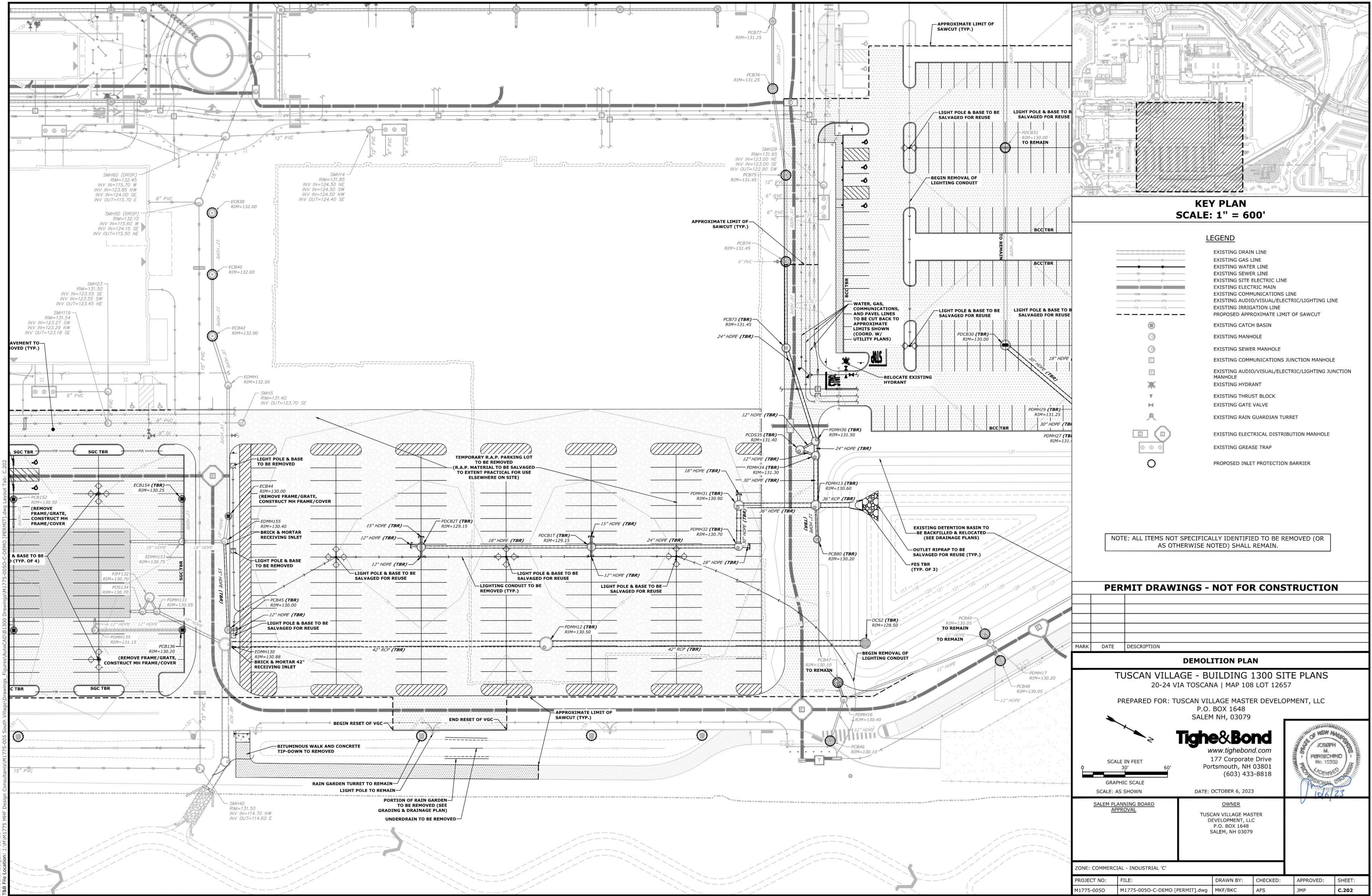
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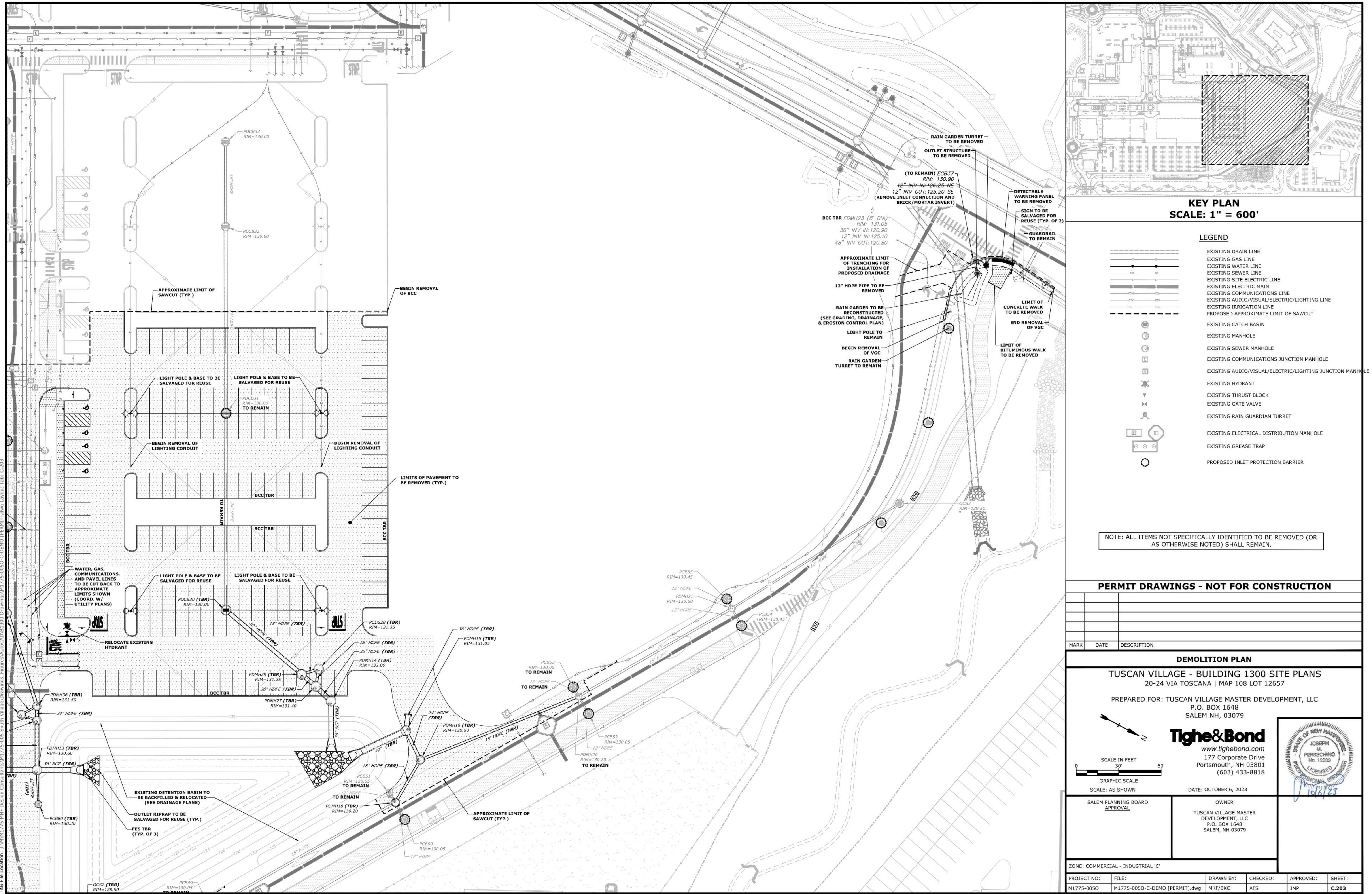
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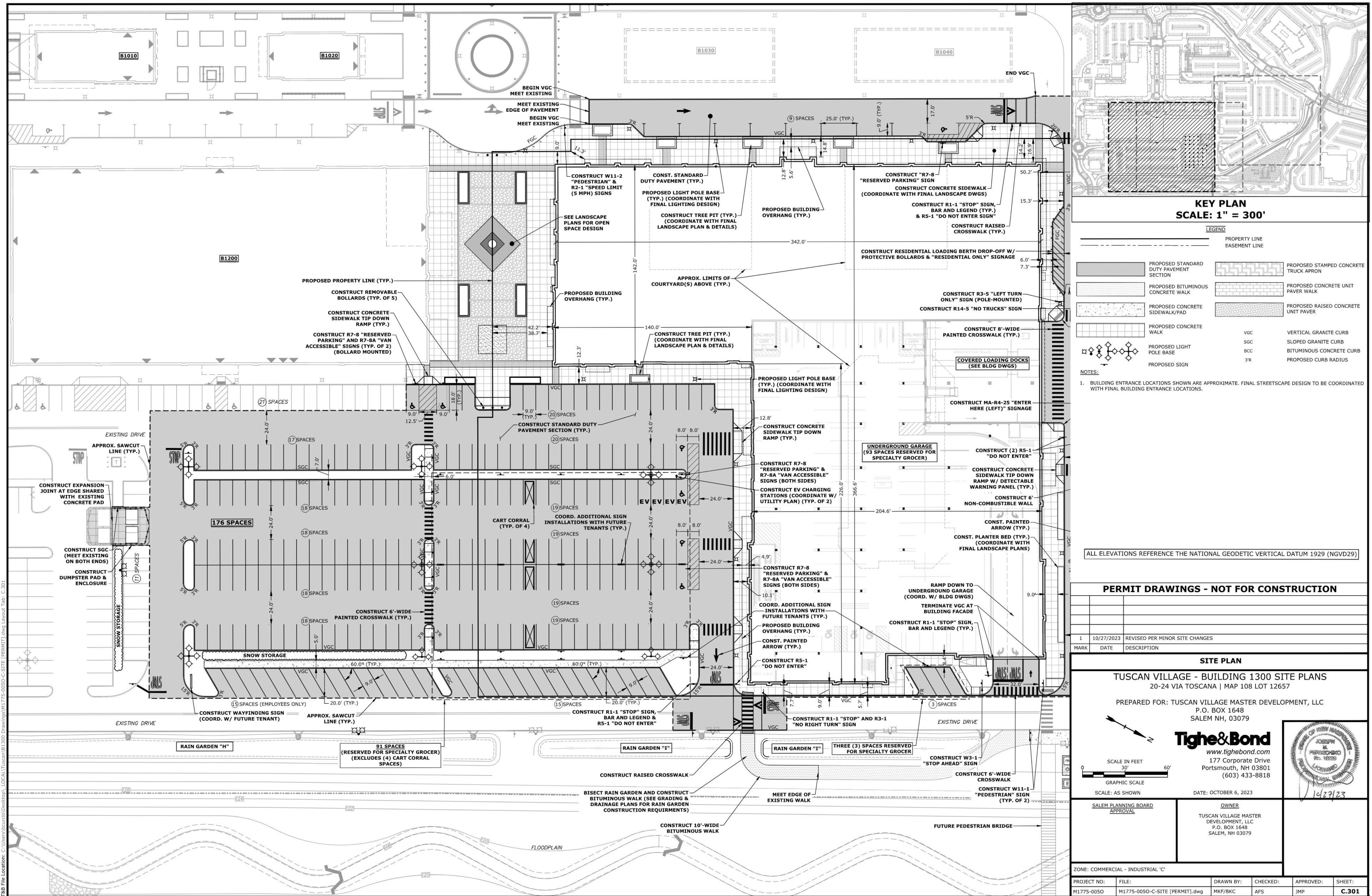
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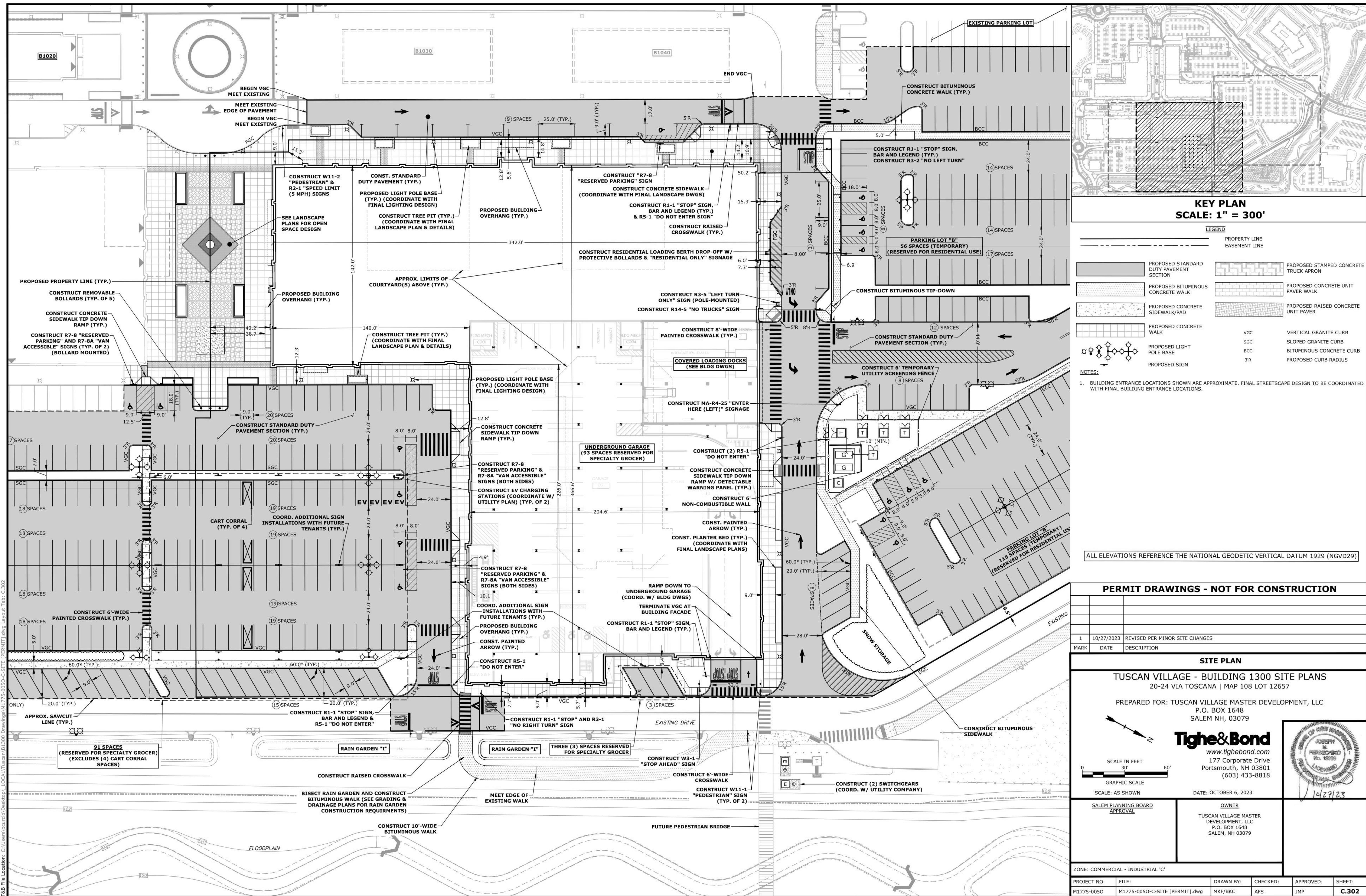


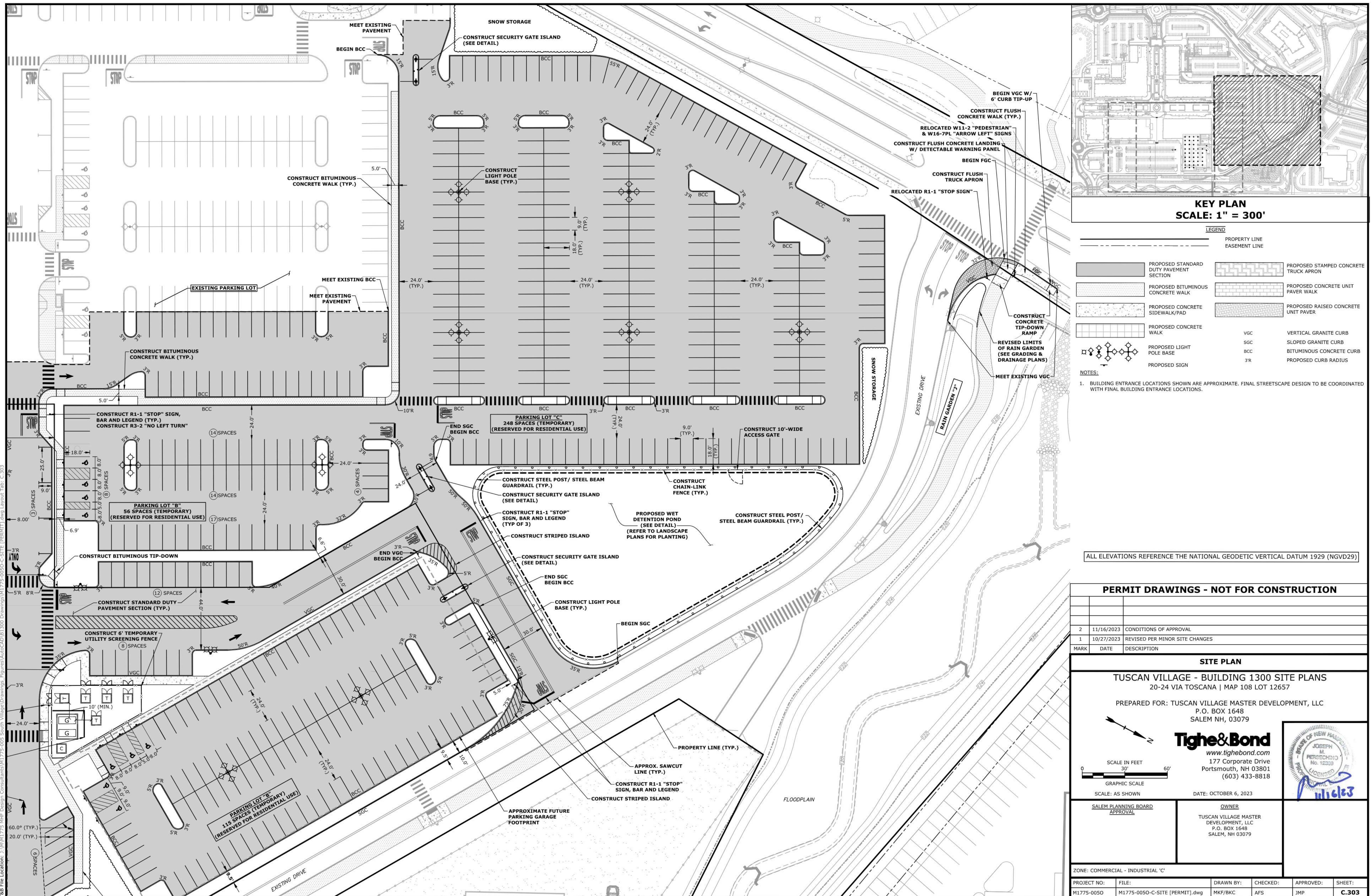


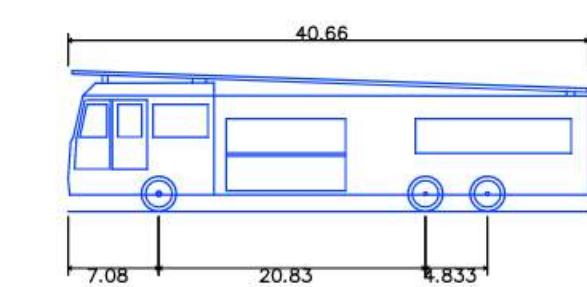
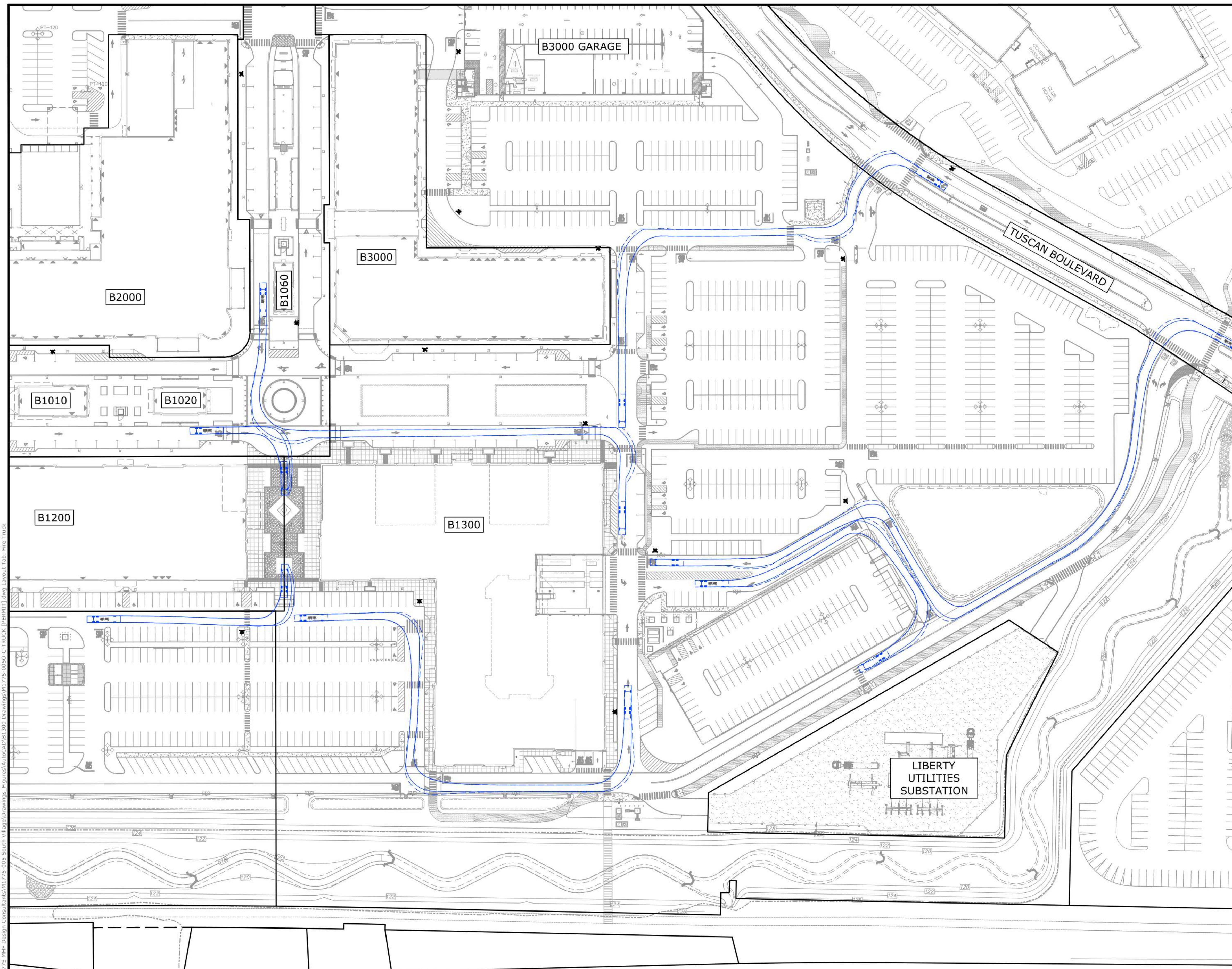












Salem Ladder
 Overall Length 40.66ft
 Overall Width 8.000ft
 Overall Body Height 11.000ft
 Min Body Ground Clearance 1.305ft
 Track Width 7.830ft
 Lock-to-lock time 6.00s
 Wall to Wall Turning Radius 42.000ft

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

| MARK | DATE | DESCRIPTION |
|------|------------|--------------------------------|
| 2 | 11/16/2023 | CONDITIONS OF APPROVAL |
| 1 | 10/27/2023 | REVISED PER MINOR SITE CHANGES |

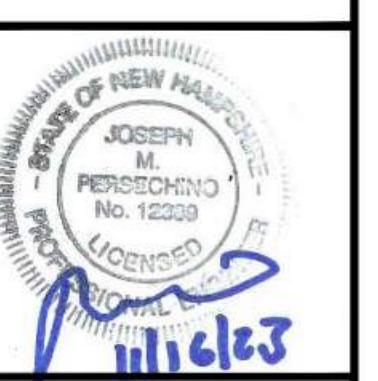
FIRE TRUCK TURNING PLAN

TUSCAN VILLAGE - BUILDING 1300 SITE PLANS
 20-24 VIA TOSCANA | MAP 108 LOT 12657

PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC
 P.O. BOX 1648
 SALEM NH, 03079



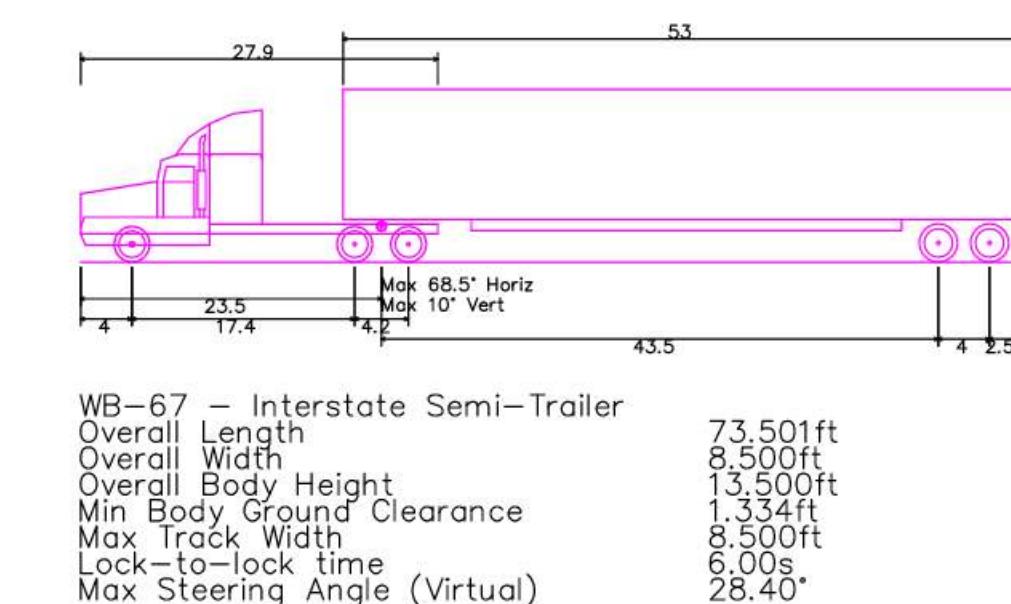
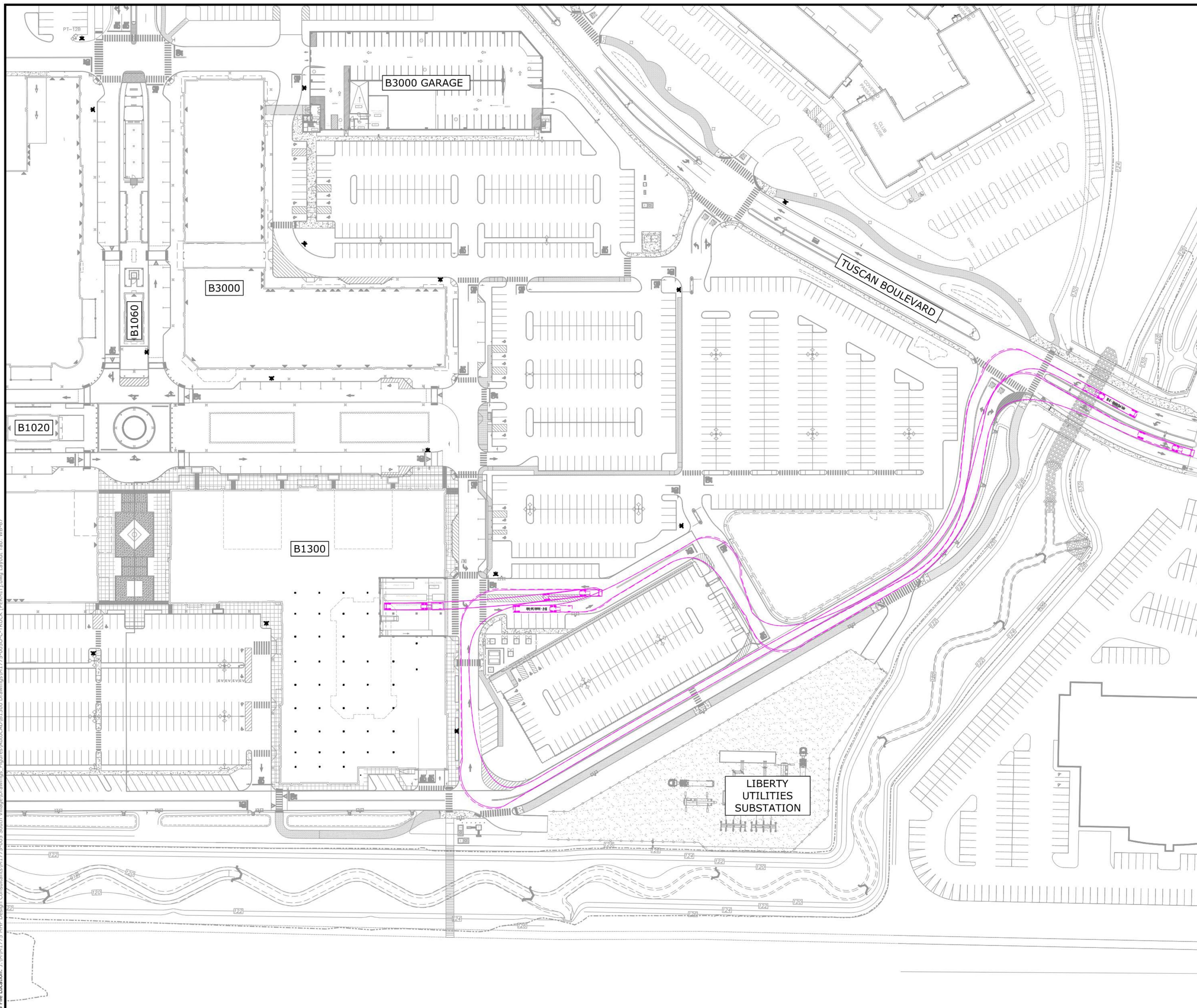
Tighe&Bond
 www.tighebond.com
 177 Corporate Drive
 Portsmouth, NH 03801
 (603) 433-8818



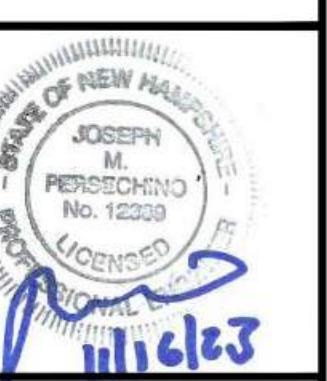
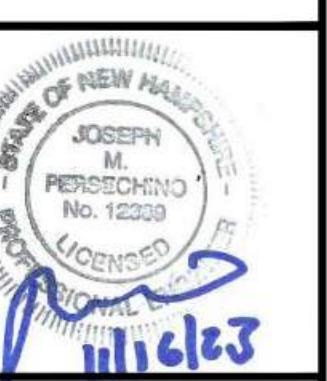
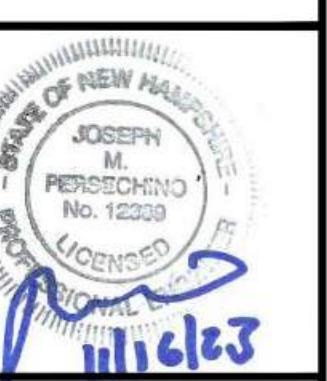
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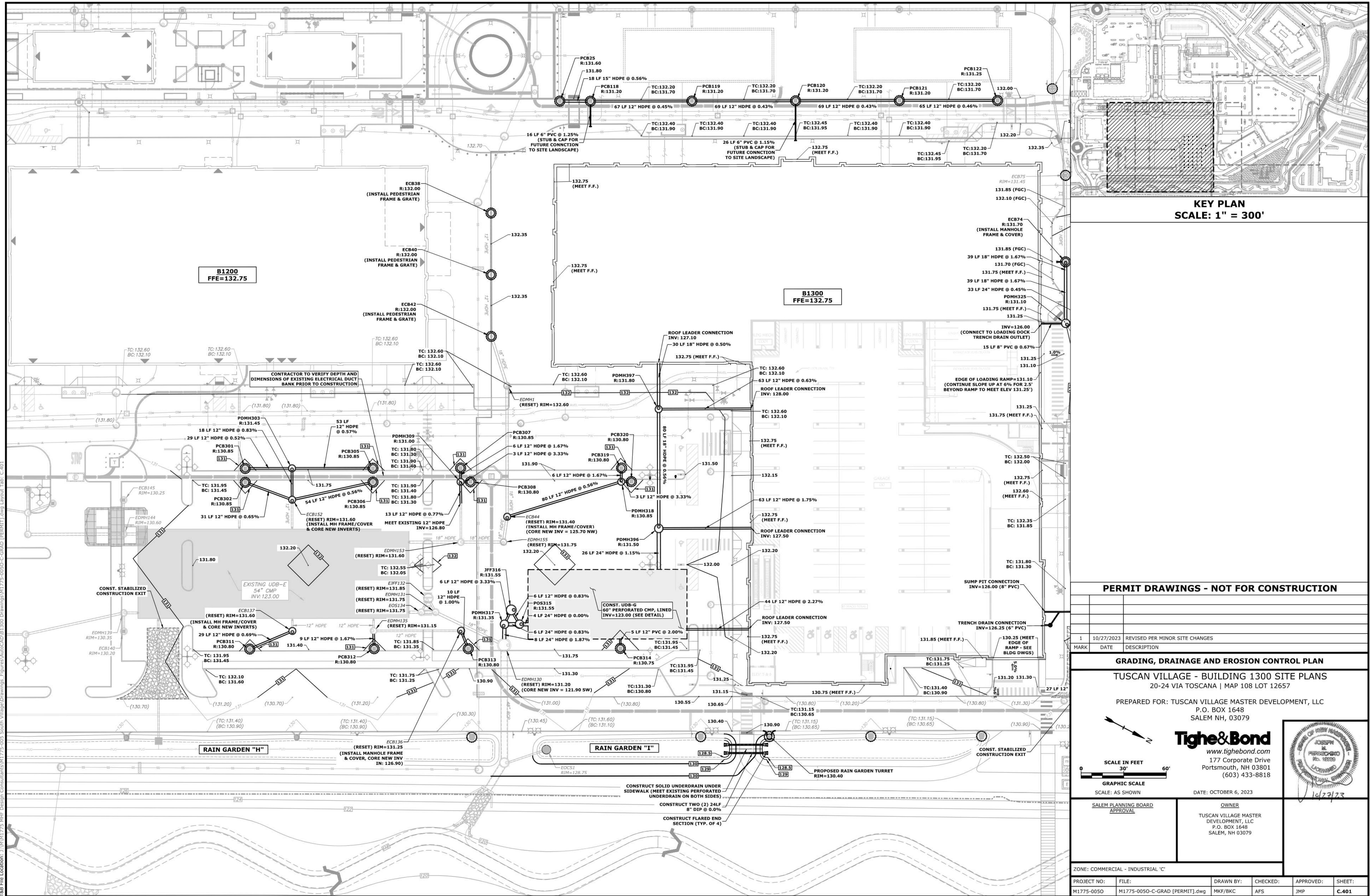
| SALEM PLANNING BOARD APPROVAL | OWNER |
|-------------------------------|--|
| | TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 |

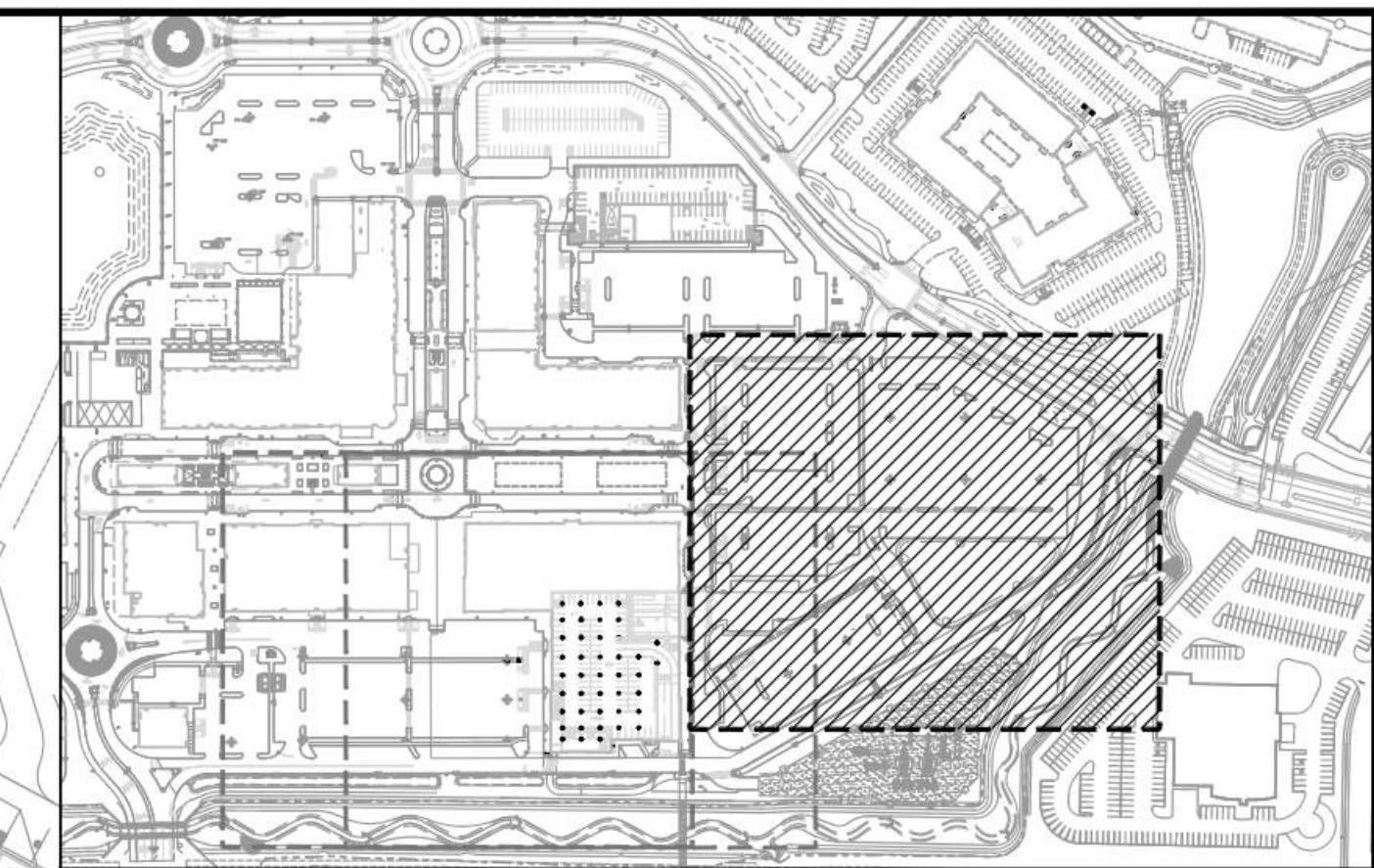
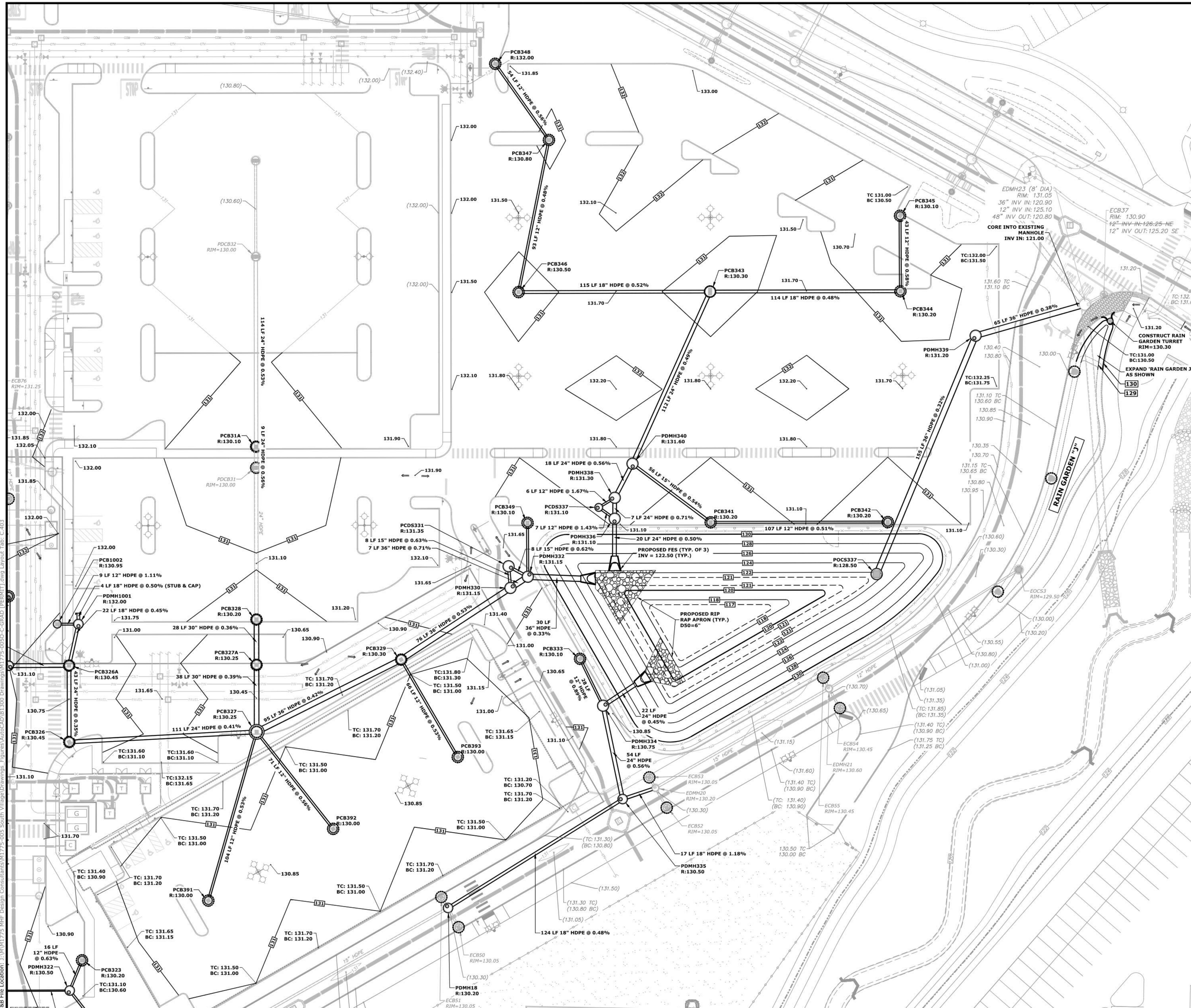
| PROJECT NO: | FILE: | DRAWN BY: | CHECKED: | APPROVED: | SHEET: |
|-------------|---------------------------------|-----------|----------|-----------|--------|
| M1775-0050 | M1775-0050-C-TRUCK [PERMIT].dwg | MFK/BKC | AFS | JMP | C.304 |



WB-67 – Interstate Semi-Trailer
 Overall Length 83.501ft
 Overall Width 8.500ft
 Overall Body Height 13.500ft
 Min Body Ground Clearance 4.334ft
 Max Track Width 8.500ft
 Lock-to-lock time 6.00s
 Max Steering Angle (Virtual) 28.40°

| PERMIT DRAWINGS - NOT FOR CONSTRUCTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------------|--------------------------------|----------|--------------------|---|--|---------------------------------------|--|--|--|---------------|--|-----------------|--|---|--|--|--|-----------------|--|---------------------------|--|---------------|--|-----------------|--|-------------------------------|--|-------|--|--|--|-----------------------------------|--|--|--|-------------|-------|-----------|----------|------------|---------------------------------|---------|-----|---------------|--|--------------|--|
| MARK | DATE | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 11/16/2023 | CONDITIONS OF APPROVAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 10/27/2023 | REVISED PER MINOR SITE CHANGES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>WB-67 TURNING PLAN</td> </tr> <tr> <td colspan="2">TUSCAN VILLAGE - BUILDING 1300 SITE PLANS</td> </tr> <tr> <td colspan="2">20-24 VIA TOSCANA MAP 108 LOT 12657</td> </tr> <tr> <td colspan="2">PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC</td> </tr> <tr> <td colspan="2">P.O. BOX 1648</td> </tr> <tr> <td colspan="2">SALEM NH, 03079</td> </tr> <tr> <td colspan="2">  Tighe & Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 </td> </tr> <tr> <td colspan="2">  STATE OF NEW HAMPSHIRE JOSEPH M. PERSECHINO NO. 122009 LICENSED OCTOBER 6, 2023 111623 </td> </tr> <tr> <td colspan="2">SCALE: AS SHOWN</td> </tr> <tr> <td colspan="2">SCALE IN FEET 0' 60' 120'</td> </tr> <tr> <td colspan="2">GRAPHIC SCALE</td> </tr> <tr> <td colspan="2">SCALE: AS SHOWN</td> </tr> <tr> <td colspan="2">SALEM PLANNING BOARD APPROVAL</td> </tr> <tr> <td colspan="2">OWNER</td> </tr> <tr> <td colspan="2">TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079</td> </tr> <tr> <td colspan="4">ZONE: COMMERCIAL - INDUSTRIAL 'C'</td> </tr> <tr> <td>PROJECT NO:</td> <td>FILE:</td> <td>DRAWN BY:</td> <td>CHECKED:</td> </tr> <tr> <td>M1775-0050</td> <td>M1775-0050-C-TRUCK [PERMIT].dwg</td> <td>MKF/BKC</td> <td>AFS</td> </tr> <tr> <td colspan="2">APPROVED: JMP</td> <td colspan="2">SHEET: C.305</td> </tr> </table> | | | | WB-67 TURNING PLAN | TUSCAN VILLAGE - BUILDING 1300 SITE PLANS | | 20-24 VIA TOSCANA MAP 108 LOT 12657 | | PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC | | P.O. BOX 1648 | | SALEM NH, 03079 | |  Tighe & Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | |  STATE OF NEW HAMPSHIRE JOSEPH M. PERSECHINO NO. 122009 LICENSED OCTOBER 6, 2023 111623 | | SCALE: AS SHOWN | | SCALE IN FEET 0' 60' 120' | | GRAPHIC SCALE | | SCALE: AS SHOWN | | SALEM PLANNING BOARD APPROVAL | | OWNER | | TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | ZONE: COMMERCIAL - INDUSTRIAL 'C' | | | | PROJECT NO: | FILE: | DRAWN BY: | CHECKED: | M1775-0050 | M1775-0050-C-TRUCK [PERMIT].dwg | MKF/BKC | AFS | APPROVED: JMP | | SHEET: C.305 | |
| WB-67 TURNING PLAN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20-24 VIA TOSCANA MAP 108 LOT 12657 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| P.O. BOX 1648 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SALEM NH, 03079 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  Tighe & Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  STATE OF NEW HAMPSHIRE JOSEPH M. PERSECHINO NO. 122009 LICENSED OCTOBER 6, 2023 111623 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE: AS SHOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE IN FEET 0' 60' 120' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GRAPHIC SCALE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SCALE: AS SHOWN | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SALEM PLANNING BOARD APPROVAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OWNER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROJECT NO: | FILE: | DRAWN BY: | CHECKED: | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| M1775-0050 | M1775-0050-C-TRUCK [PERMIT].dwg | MKF/BKC | AFS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPROVED: JMP | | SHEET: C.305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |





**KEY PLAN
SCALE: 1" = 300'**

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

GRADING, DRAINAGE AND EROSION CONTROL PLAN

TUSCAN VILLAGE - BUILDING 1300 SITE PLANS
20-24 VIA TOSCANA | MAP 108 LOT 1265Z

PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC
P.O. BOX 1648

Tighe&Bond
www.tighebond.com
177 Corporate Drive

CALE IN FEET
30' 60'
177 Corporate Drive
Portsmouth, NH 03801
(603) 433-8818

DATE: OCTOBER 6, 2023 

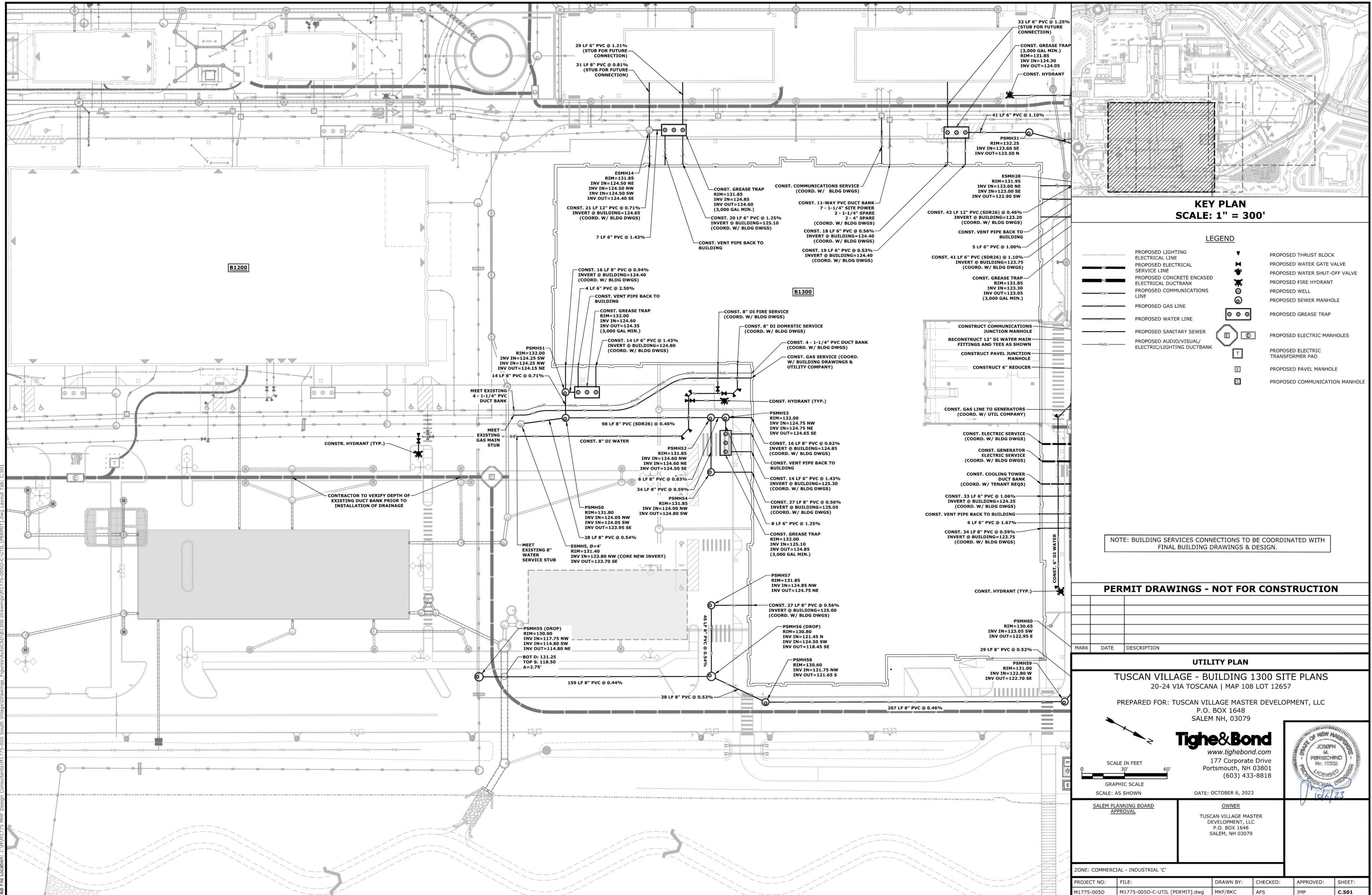
INDUSTRIAL - INDUSTRIAL - ICI

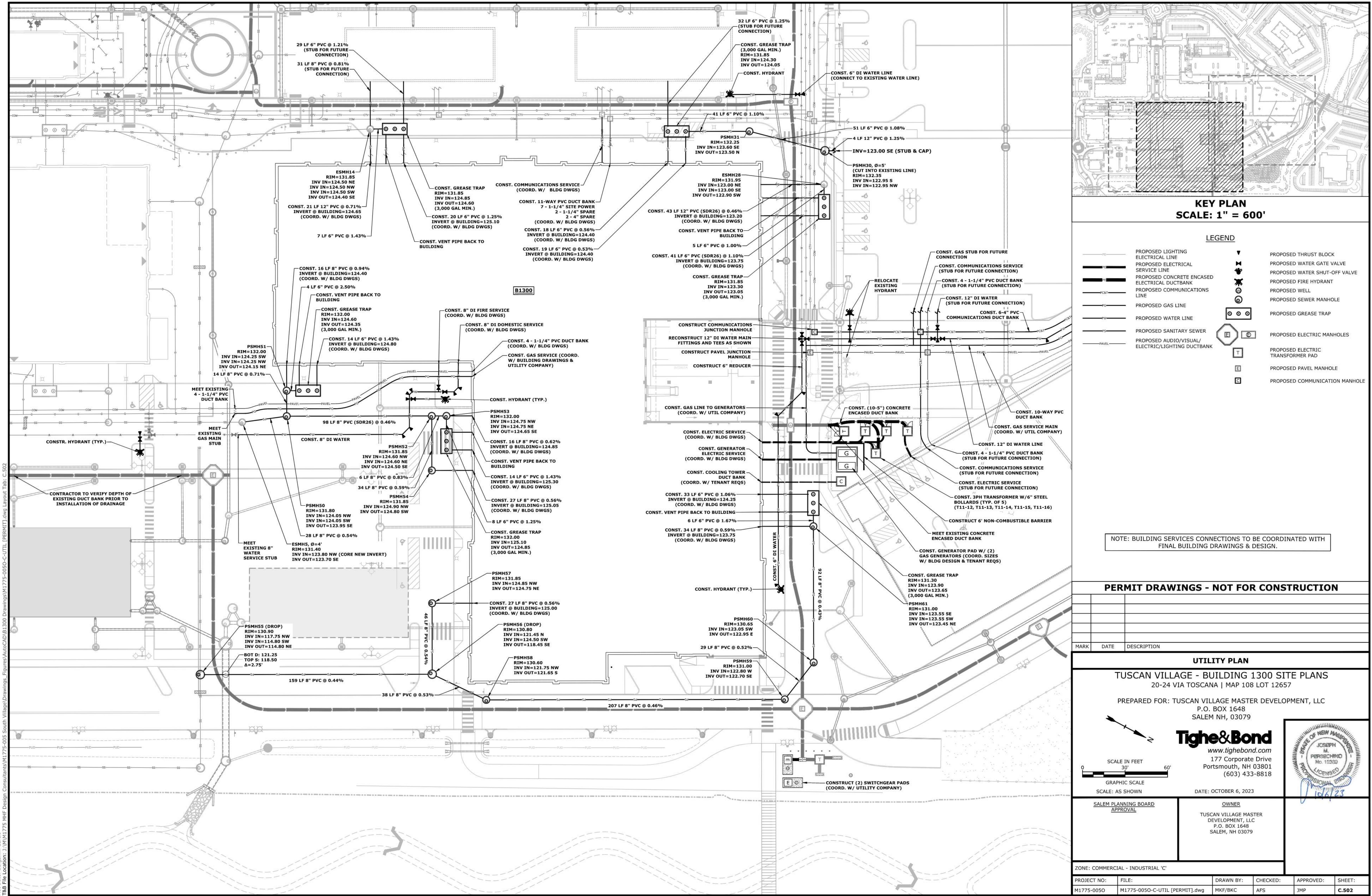
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|--------------------------------|-----------|----------|-----------|--------------|
| M1775-0050-C-GRAD [PERMIT].dwg | MKF/BKC | AFS | JMP | C.403 |

| STORM SEWER STRUCTURE TABLE | | | | |
|-----------------------------|------------|--------|-------------------|-------------------|
| STRUCTURE | STRUCT DIA | RIM | INV. IN | INV. OUT |
| ECB38 | 48" | 132.00 | 127.15 NE 12 HDPE | |
| ECB40 | 48" | 132.00 | 126.85 SW 12 HDPE | 126.75 NE 12 HDPE |
| ECB42 | 48" | 132.00 | 126.55 SW 12 HDPE | 126.45 NE 18 HDPE |
| ECB44 | 48" | 131.40 | 125.70 NW 12 HDPE | 125.70 SW 18 HDPE |
| ECB46 | 48" | 130.10 | | 125.25 W 12 HDPE |
| ECB47 | 48" | 129.90 | | 125.25 NE 12 HDPE |
| ECB48 | 48" | 130.05 | | 124.55 SW 12 HDPE |
| ECB49 | 48" | 130.05 | | 124.55 NE 12 HDPE |
| ECB50 | 48" | 130.05 | | 123.70 SW 12 HDPE |
| ECB51 | 48" | 130.05 | | 124.55 NE 12 HDPE |
| ECB52 | 48" | 130.05 | | 124.15 SW 12 HDPE |
| ECB53 | 48" | 130.05 | | 124.55 NE 12 HDPE |
| ECB54 | 48" | 130.45 | | 124.80 SW 12 HDPE |
| ECB55 | 48" | 130.45 | | 124.80 NE 12 HDPE |
| ECB74 | 48" | 131.70 | 125.80 SW 15 HDPE | 126.90 SE 6 PVC |
| ECB75 | 48" | 131.45 | 126.20 SW 12 HDPE | 126.10 NE 15 HDPE |
| ECB76 | 48" | 131.25 | | 126.50 NE 12 HDPE |
| ECB136 | 48" | 131.25 | 126.90 NE 12 HDPE | 126.80 SE 12 HDPE |
| ECB137 | 48" | 131.60 | 127.05 SE 12 HDPE | 126.80 SW 12 HDPE |
| ECB140 | 48" | 130.20 | | 126.80 SW 12 HDPE |
| ECB145 | 48" | 130.25 | | 126.80 NE 12 HDPE |
| ECB152 | 48" | 131.60 | 126.35 SW 12 HDPE | 126.35 NE 12 HDPE |
| ECB152 | 48" | 131.60 | 126.35 NW 12 HDPE | 126.35 S 12 HDPE |
| EDMH1 | 48" | 132.10 | 126.25 SW 18 HDPE | 126.15 NE 18 HDPE |
| EDMH16 | 48" | 130.40 | 125.10 NE 12 HDPE | 125.10 SW 12 HDPE |
| EDMH17 | 48" | 130.20 | 124.45 SE 12 HDPE | 124.50 NE 12 HDPE |
| EDMH20 | 48" | 130.20 | 124.05 NE 12 HDPE | 124.05 NW 15 HDPE |
| EDMH21 | 48" | 130.60 | 124.75 NW 12 HDPE | 124.75 NE 12 HDPE |
| EDMH21 | 48" | 130.60 | 124.75 NE 12 HDPE | 124.75 SW 12 HDPE |
| EDMH130 | 96" | 131.20 | 121.90 SW 24 HDPE | 121.95 S 18 HDPE |
| EDMH131 | 48" | 131.75 | 122.30 SW 12 HDPE | 124.00 SE 18 HDPE |
| EDMH135 | 48" | 131.15 | 126.50 NW 12 HDPE | 126.35 NE 12 HDPE |
| EDMH139 | 48" | 130.35 | 126.00 SE 15 HDPE | 126.50 NE 12 HDPE |
| EDMH144 | 48" | 130.60 | 125.50 SE 18 HDPE | 126.50 SW 12 HDPE |
| EDMH153 | 48" | 131.60 | 125.00 NW 18 HDPE | 126.50 SW 12 HDPE |
| EDMH155 | 48" | 131.75 | 125.50 NW 18 HDPE | 125.50 NE 15 HDPE |
| EJFF132 | 72" | 131.85 | 122.90 E 12 HDPE | 122.40 NE 12 HDPE |
| EOCS1 | 60" | 128.75 | | 125.30 SE 12 HDPE |
| EOCS3 | 60" | 129.50 | | 125.50 SE 12 HDPE |
| EOS134 | 48" | 131.75 | 123.00 SE 18 HDPE | 124.40 NW 18 HDPE |
| JFF316 | 72" | 131.55 | 122.85 NE 12 HDPE | 122.35 E 12 HDPE |
| PCB25 | 48" | 131.60 | 126.70 NW 15 HDPE | |
| PCB31A | 48" | 130.10 | 124.90 SW 24 HDPE | 124.90 NE 24 HDPE |
| PCB118 | 48" | 131.20 | 126.80 NW 12 HDPE | 126.80 NE 6 PVC |
| PCB119 | 48" | 131.20 | 127.10 NW 12 HDPE | 127.10 SE 12 HDPE |
| PCB120 | 48" | 131.20 | 127.40 NW 12 HDPE | 127.40 NE 6 PVC |
| PCB121 | 48" | 131.20 | 127.70 NW 12 HDPE | 127.70 SE 12 HDPE |
| PCB122 | 48" | 131.25 | | 128.00 SE 12 HDPE |
| PCB301 | 48" | 130.85 | | 126.75 NW 12 HDPE |
| PCB302 | 48" | 130.85 | | 126.55 N 12 HDPE |
| PCB305 | 48" | 130.85 | | 126.90 SE 12 HDPE |
| PCB306 | 48" | 130.85 | | 126.65 SE 12 HDPE |
| PCB307 | 48" | 130.85 | | 127.10 NE 12 HDPE |
| PCB308 | 48" | 130.80 | | 127.10 SE 12 HDPE |
| PCB311 | 48" | 130.80 | | 127.25 NW 12 HDPE |
| PCB312 | 48" | 130.80 | | 126.50 SW 12 HDPE |
| PCB313 | 48" | 130.80 | | 127.00 SW 12 HDPE |
| PCB314 | 48" | 130.75 | | 126.10 SW 12 PVC |
| PCB319 | 48" | 130.80 | | 126.35 NE 12 HDPE |
| PCB320 | 48" | 130.80 | | 126.35 SE 12 HDPE |
| PCB323 | 48" | 130.20 | | 125.45 E 12 HDPE |
| PCB326 | 60" | 130.45 | 124.55 SW 24 HDPE | 124.45 NW 24 HDPE |
| PCB326A | 60" | 130.45 | 124.80 SE 24 HDPE | 124.70 NE 24 HDPE |
| PCB327 | 96" | 130.25 | 124.00 SW 30 HDPE | 124.00 SE 24 HDPE |
| PCB327 | 96" | 130.25 | 124.65 NE 12 HDPE | 124.65 E 12 HDPE |
| PCB327A | 48" | 130.25 | 124.15 SW 30 HDPE | 124.15 NE 30 HDPE |
| PCB328 | 48" | 130.20 | 124.25 SW 24 HDPE | 124.25 NE 30 HDPE |
| PCB329 | 60" | 130.30 | 123.50 SE 36 HDPE | 124.65 NE 12 HDPE |
| PCB329 | 60" | 130.30 | 123.40 NW 36 HDPE | |

| STORM SEWER STRUCTURE TABLE | | | | |
|-----------------------------|------------|--------|-------------------|-------------------|
| STRUCTURE | STRUCT DIA | RIM | INV. IN | INV. OUT |
| PCB333 | 48" | 130.10 | | 125.25 NE 12 HDPE |
| PCB341 | 48" | 130.20 | 124.10 NW 12 HDPE | 124.00 S 15 HDPE |
| PCB342 | 48" | 130.20 | | 124.65 SE 12 HDPE |
| PCB343 | 72" | 130.30 | 124.35 NW 18 HDPE | 124.25 E 24 HDPE |
| PCB344 | 48" | 130.20 | 125.00 SW 12 HDPE | 124.90 SE 18 HDPE |
| PCB345 | 48" | 130.10 | | 125.25 NE 12 HDPE |
| PCB346 | 48" | 130.50 | 125.05 W 12 HDPE | 124.95 NW 18 HDPE |
| PCB347 | 48" | 130.80 | 125.60 SW 12 HDPE | 125.50 E 12 HDPE |
| PCB348 | 48" | 132.00 | | 125.90 NE 12 HDPE |
| PCB349 | 48" | 130.10 | | 126.00 NE 12 HDPE |
| PCB391 | 48" | 130.00 | | 125.20 W 12 HDPE |
| PCB392 | 48" | 130.00 | | 125.05 SW 12 HDPE |
| PCB393 | 48" | 130.00 | | 125.00 SW 12 HDPE |
| PCB1002 | 48" | 130.95 | | 125.10 NW 12 HDPE |
| PCDS331 | 72" | 131.35 | 122.85 NE 15 HDPE | 122.75 N 15 HDPE |
| PCDS337 | 60" | 131.10 | 123.30 NW 12 HDPE | 122.80 N 12 HDPE |
| PDCB31 | 60" | 130.00 | 124.85 SW 24 HDPE | 124.75 NE 24 HDPE |
| PDCB32 | 60" | 130.00 | 125.60 SW 15 HDPE | 125.50 NE 24 HDPE |
| PDMH18 | 60" | 130.20 | 123.60 SE 15 HDPE | 123.60 NE 12 HDPE |
| PDMH303 | 48" | 131.45 | 126.60 NW 12 HDPE | 126.60 SE 12 HDPE |
| PDMH309 | 48" | 131.00 | 127.00 SW 12 HDPE | 126.90 NE 12 HDPE |
| PDMH317 | 60" | 131.35 | 124.00 NW 24 HDPE | 122.15 W 12 HDPE |
| PDMH318 | 48" | 130.85 | 126.25 SW 12 HDPE | 126.25 NW 12 HDPE |
| PDMH321 | 48" | 130.80 | 124.90 SW 12 HDPE | 124.80 SE 12 HDPE |
| PDMH322 | 60" | 130.50 | 125.35 SE 8 PVC | 125.35 W 12 HDPE |
| PDMH325 | 60" | 131.10 | 125.05 SW 18 HDPE | 125.00 SE 8 PVC |
| PDMH330 | 72" | 131.15 | 123.00 SE 36 HDPE | 124.40 NW 36 HDPE |
| PDMH332 | 72" | 131.15 | 122.70 S 15 HDPE | 124.35 SE 36 HDPE |
| PDMH334 | 72" | 130.75 | 122.60 NE 24 HDPE | 122.60 NW 24 HDPE |
| PDMH335 | 60" | 130.50 | 122.00 SE 18 HDPE | 123.75 NW 18 HDPE |
| PDMH336 | 72" | 131.10 | 124.30 SW 24 HDPE | 122.70 S 12 HDPE |
| PDMH338 | 72" | 131.30 | 123.50 W 24 HDPE | 124.35 NE 24 HDPE |
| PDMH339 | 72" | 131.20 | 121.25 E 36 HDPE | 121.25 NW 36 HDPE |
| PDMH340 | 72" | 131.60 | 123.70 W 24 HDPE | 123.70 N 15 HDPE |
| PDMH396 | 60" | 131.50 | 126.40 SW 18 HDPE | 126.40 NW 12 HDPE |
| PDMH397 | 48" | 131.80 | 127.60 NW 12 HDPE | 126.95 SW 18 HDPE |
| PDMH1001 | 60" | 132.00 | 125.00 SE 12 HDPE | 124.90 E 18 HDPE |
| POCS337 | 72" | 128.50 | | 121.75 W 36 HDPE |
| POS315 | 60" | 131.55 | 123.00 NW 24 HDPE | 124.05 SE 24 HDPE |

| PERMIT DRAWINGS - NOT FOR CONSTRUCTION | | |
|--|------|-------------|
| | | |
| | | |
| | | |
| | | |
| | | |
| MARK | DATE | DESCRIPTION |
| DRAINAGE STRUCTURE TABLE | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA MAP 108 LOT 12657 | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | | |
| | | |





A. GENERAL PROJECT INFORMATION
 PROJECT OWNER: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC
 P.O. BOX 1648
 SALEM, NH 03079
 PROJECT NAME: TUSCAN VILLAGE -- BUILDING #1300 SITE PLANS
 PROJECT ADDRESS: 71 ROCKINGHAM PARK BOULEVARD
 SALEM, NH 03079
 PROJECT MAP / LOT: MAP 98 LOT 7887
 PROJECT LATITUDE: 42° 46' 19" N
 PROJECT LONGITUDE: 71° 13' 26" W

B. PROJECT DESCRIPTION
 THIS PROJECT INCLUDES THE CONSTRUCTION OF "BUILDING #1300" WITHIN "TUSCAN VILLAGE" WITH ASSOCIATED SITE, DRAINAGE, AND UTILITY IMPROVEMENTS, SUCH AS SIDEWALKS, LIGHTING, AND LANDSCAPING.

DISTURBED AREA
 THE TOTAL AREA TO BE DISTURBED IS APPROXIMATELY 11.5 ACRES.

C. SOIL CHARACTERISTICS
 BASIC SOIL AND SOIL SURVEY PERFORMED BY GOVE ENVIRONMENTAL SERVICES, INC. - THE SOILS ON SITE CONSIST OF A MAJORITY OF UDORTHENTS AND URBAN LAND WHICH ARE ANTICIPATED TO BE MODERATELY WELL DRAINED AND POORLY DRAINED SOILS WITH HYDROLOGIC SOIL GROUP RATINGS OF B AND D RESPECTIVELY.

D. NAME OF RECEIVING WATERS
 THE STORMWATER RUNOFF FROM THE SITE WILL BE ULTIMATELY DISCHARGED TO POLICY BROOK.

E. CONSTRUCTION SEQUENCE OF MAJOR ACTIVITIES:

- CUT AND CLEAR TREES.
- CONSTRUCT TEMPORARY AND PERMANENT SEDIMENT, EROSION AND DETENTION CONTROL FACILITIES. EROSION, SEDIMENT AND DETENTION MEASURES SHALL BE INSTALLED PRIOR TO ANY EARTH MOVING OPERATIONS THAT WILL INFLUENCE STORMWATER RUNOFF SUCH AS:
 1. NEW CONSTRUCTION
 2. DEVELOPMENT OF BORROW PIT AREAS
 3. DISPOSAL OF SEDIMENT SPOIL, STUMP AND OTHER SOLID WASTE
 4. FLLOOD PLAIN EXCAVATION WORK
 5. STREAM CHANNEL MODIFICATIONS
 6. CONTROL OF DRAINS
 7. CONSTRUCTION OF ACCESS AND HULL ROAD
 8. NEARNESS OF CONSTRUCTION SITE TO RECEIVING WATERS
 9. CONSTRUCTION DURING LATE WINTER AND EARLY SPRING
- ALL PERMANENT DITCHES, SWALES, DRAINS, DETENTION AND SEDIMENTATION BASINS TO BE STABILIZED USING THE VEGETATIVE AND NON-STRUCTURAL BMPs PRIOR TO DIRECTING RUNOFF TO THEM.
- CLEAR AND DISPOSE OF DEBRIS.
- CONSTRUCT TEMPORARY CULVERTS AND DIVERSION CHANNELS AS REQUIRED.
- GRADE AND GRAVEL ROADWAYS AND PARKING AREAS - ALL ROADS AND PARKING AREA SHALL BE GRADED AND GRAVELLED PRIOR TO FINISHING.
- BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, PERIMETER EROSION CONTROL MEASURES, SEDIMENT TRAPS, ETC., MULCH AND SEED AS REQUIRED.
- SEDIMENT TRAPS AND/OR BASINS SHALL BE USED AS NECESSARY TO CONTAIN RUNOFF UNTIL SOILS ARE STABILIZED.
- FINISH PAVING ALL ROADWAYS AND PARKING LOTS.
- INSPECT AND MAINTAIN EROSION AND SEDIMENT CONTROL MEASURES.
- COMPLETE PERMANENT SITES AND LANDSCAPING.
- REMOVE TRAPPED SEDIMENTS FROM COLLECTOR DEVICES AS APPROPRIATE AND THEN REMOVE TEMPORARY EROSION CONTROL MEASURES.

G. SPECIAL CONSTRUCTION NOTES:

- THE CONSTRUCTION SEQUENCE MUST LIMIT THE DURATION AND AREA OF DISTURBANCE.
- THE PROJECT IS TO BE MANAGED IN A MANNER THAT MEETS THE REQUIREMENTS AND INTENT OF RSA 430:53 AND CHAPTER AGR 3800 RELATIVE TO INVASIVE SPECIES.

H. EROSION CONTROL NOTES:

- ALL EROSION CONTROL MEASURES AND PRACTICES SHALL CONFORM TO THE "NEW HAMPSHIRE STORMWATER MANAGEMENT VOLUME 3: EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION" PREPARED BY THE NHDES.
- PRIOR TO ANY WORK OR SOIL DISTURBANCE, CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR EROSION CONTROL MEASURES AS REQUIRED IN THE PROJECT MANUAL.
- CONTRACTOR SHALL INSTALL TEMPORARY EROSION CONTROL BARRIERS, INCLUDING HAY BALES, SILT FENCES, MULCH BERMS, SILT SACKS AND SILT SOCKS AS SHOWN IN THESE DRAWINGS AS THE FIRST ORDER OF WORK.
- SILT SACK INLET PROTECTION SHALL BE INSTALLED IN ALL EXISTING AND PROPOSED CATCH BASIN INLETS WITHIN THE WORK LIMITS AND BE MAINTAINED FOR THE DURATION OF THE PROJECT.
- PERIMETER CONTROLS INCLUDING SILT FENCES, MULCH BERM, SILT SOCK, AND/HAY BALE BARRIERS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT UNTIL NON-PAVED AREAS HAVE BEEN STABILIZED.
- THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF CONSTRUCTION.
- ALL DISTURBED AREAS NOT OTHERWISE BEING TREATED SHALL RECEIVE 6" LOAM, SEED AND FERTILIZER.
- INSPECT ALL INLET PROTECTION AND PERIMETER CONTROLS WEEKLY AND AFTER EACH RAIN STORM OF 0.25 INCH OR GREATER. REPAIR/ MODIFY PROTECTION AS NECESSARY TO MAXIMIZE EFFICIENCY OF FILTER. REPLACE ALL FILTERS WHEN SEDIMENT IS 1/3 THE FILTER HEIGHT.
- CONSTRUCT EROSION CONTROL BLANKETS ON ALL SLOPES STEEPER THAN 3:1.

I. STABILIZATION:

- AN AREA SHALL BE CONSIDERED STABLE WHEN ONE OF THE FOLLOWING HAS OCCURRED:
 1. BASE COURSE GRAVELS HAVE BEEN INSTALLED IN AREAS TO BE PAVED;
 2. A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 3. 100% HAY IS INSTALLED.
- EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- IN AREAS TO BE PAVED, "STABLE" MEANS THAT BASE COURSE GRAVELS MEETING THE REQUIREMENTS OF NHDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION, 2016, ITEM 304.2 HAVE BEEN INSTALLED.

- WINTER STABILIZATION PRACTICES:
 1. ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE SLOPES.
 2. AFTER OCTOBER 15, INCOMPLETE ROAD OR PARKING SURFACES, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL PER NHDOT ITEM 304.3, OR IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH SNOW EVENT;
- STABILIZATION SHALL BE INITIATED ON ALL LOAM STOCKPILES, AND DISTURBED AREAS, WHERE CONSTRUCTION ACTIVITY SHALL NOT OCCUR FOR MORE THAN TWENTY-ONE (21) CALENDAR DAYS BY THE FOURTEEN (14TH) DAY AFTER CONSTRUCTION ACTIVITY HAS PERMANENTLY OR TEMPORARILY CEASED IN THAT AREA. STABILIZATION MEASURES TO BE USED INCLUDE:
 1. TEMPORARY SEEDING;
 2. MULCHING;
- ALL AREAS SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.
- WHEN CONSTRUCTION ACTIVITY PERMANENTLY OR TEMPORARILY CEASES WITHIN 100 FEET OF NEARBY SURFACE WATERS OR DELINEATED WETLANDS, THE AREA SHALL BE STABILIZED WITHIN SEVEN (7) DAYS OR PRIOR TO A RAIN EVENT. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN THESE AREAS, SILT FENCES, MULCH BERMS, HAY BALE BARRIERS AND ANY EARTH/ DIRT SHOUL BE REMOVED ONCE PERMANENT MEASURES ARE ESTABLISHED.
- UPON CONSTRUCTION, RUNOFF FROM PAVED AREAS AND WITHIN DITCHES, PIPING OR STABILIZED CHANNELS WHERE POSSIBLE, SHEET RUNOFF FROM THE SITE WILL BE FILTERED THROUGH SILT FENCES, MULCH BERMS, HAY BALE BARRIERS, OR SILT SOCKS. ALL STORM DRAIN BASIN INLETS SHALL BE PROVIDED WITH FLARED END SECTIONS AND TRASH RACKS. THE SITE SHALL BE STABILIZED FOR THE WINTER BY OCTOBER 15.

J. DUST CONTROL:

- THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST THROUGHOUT THE CONSTRUCTION PERIOD.
- DUST CONTROL MEASURES SHALL INCLUDE, BUT BE NOT LIMITED TO SPRINKLING WATER ON EXPOSED AREAS, COVERING LOADED DUMP TRUCKS LEAVING THE SITE, AND TEMPORARY MULCHING.
- DUST CONTROL MEASURES SHALL BE UTILIZED SO AS TO PREVENT THE MIGRATION OF DUST FROM THE SITE TO ABUTTING AREAS.
- LOCATE STOCKPILES A MINIMUM OF 50 FEET AWAY FROM CATCH BASINS, SWALES, AND CULVERTS.
- ALL STOCKPILES SHOULD BE SURROUNDED WITH TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE ONSET OF PRECIPITATION.
- PERIMETER BARRIERS SHOULD BE MAINTAINED AT ALL TIMES, AND ADJUSTED AS NEEDED TO ACCOMMODATE THE DELIVERY AND REMOVAL OF MATERIALS FROM THE STOCKPILE. THE INTEGRITY OF THE BARRIER SHOULD BE INSPECTED AT THE END OF EACH WORKING DAY.
- PROTECT ALL STOCKPILES FROM STORMWATER RUN-OFF USING TEMPORARY EROSION CONTROL MEASURES SUCH AS BERMS, SILT SOCK, OR OTHER APPROVED PRACTICE TO PREVENT MIGRATION OF MATERIAL BEYOND THE IMMEDIATE CONFINES OF THE STOCKPILES.

K. STOCKPILES:

- LOCATE STOCKPILES A MINIMUM OF 50 FEET AWAY FROM CATCH BASINS, SWALES, AND CULVERTS.
- ALL STOCKPILES SHOULD BE SURROUNDED WITH TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE ONSET OF PRECIPITATION.
- PERIMETER BARRIERS SHOULD BE MAINTAINED AT ALL TIMES, AND ADJUSTED AS NEEDED TO ACCOMMODATE THE DELIVERY AND REMOVAL OF MATERIALS FROM THE STOCKPILE. THE INTEGRITY OF THE BARRIER SHOULD BE INSPECTED AT THE END OF EACH WORKING DAY.
- PROTECT ALL STOCKPILES FROM STORMWATER RUN-OFF USING TEMPORARY EROSION CONTROL MEASURES SUCH AS BERMS, SILT SOCK, OR OTHER APPROVED PRACTICE TO PREVENT MIGRATION OF MATERIAL BEYOND THE IMMEDIATE CONFINES OF THE STOCKPILES.

L. OFF SITE VEHICLE TRACKING:

- THE CONTRACTOR SHALL CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE(S) PRIOR TO ANY EXCAVATION ACTIVITIES.

M. VEGETATION:

- TEMPORARY GRASS COVER:
 1. SEEDBED PREPARATION;

1.1.1. APPLY FERTILIZER AT THE RATE OF 600 POUNDS PER ACRE OF 10-10-10. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDE) AT A RATE OF THREE (3) TONS PER ACRE;

2. SEEDING:
 - 2.1. UTILIZE ANNUAL RYE GRASS AT A RATE OF 40 LBS/ACRE;
 - 2.2. WHERE THE SOIL HAS BEEN COMPAKED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF TWO (2) INCHES BEFORE APPLYING FERTILIZER, LIME AND SEED;
 - 2.3. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). HYDROSEEDINGS, WHICH INCLUDE MULCH, MAY BE LEFT ON SOIL SURFACE. HYDROSEEDING RATES MUST BE INCREASED 10% WHEN HYDROSEEDING;
3. MAINTENANCE:
 - 3.1. TEMPORARY SEEDING SHALL BE PERIODICALLY INSPECTED. AT A MINIMUM, 95% OF THE SOIL SURFACE SHOULD BE COVERED BY VEGETATION. IF ANY EVIDENCE OF EROSION OR SEDIMENTATION IS APPARENT, REPAIRS SHALL BE MADE AND OTHER TEMPORARY MEASURES USED IN THE INTERIM (MULCH, FILTER BARRIERS, CHECK DAMS, ETC.).

4. VEGETATIVE PRACTICE:

- 4.1. FOR PERMANENT MEASURES AND PLANTINGS:
 - 4.2. LIMESTONE SHALL BE THOROUGHLY INCORPORATED INTO THE LOAM LAYER AT A RATE OF THREE (3) TONS PER ACRE IN ORDER TO PROVIDE A PH VALUE OF 5.5 TO 6.5;
 - 4.3. FERTILIZER SHALL BE SPREAD ON THE TOP LAYER OF LOAM AND WORKED INTO THE SURFACE. FERTILIZER APPLICATION RATE SHALL BE 800 POUNDS PER ACRE OF 10-20-20 FERTILIZER;
 - 4.4. SOIL CONDITIONERS AND FERTILIZER SHALL BE APPLIED AT THE RECOMMENDED RATES AND SHALL BE THOROUGHLY WORKED INTO THE LOAM. LOAM SHALL BE RAKE'D UNTIL THE SURFACE IS FINELY PULVERIZED, SMOOTH AND EVEN, AND THEN COMPACTED TO AN EVEN SURFACE CONFORMING TO THE REQUIRED LINES AND GRADES WITH APPROVED ROLLERS WEIGHING BETWEEN 4-1/2 TONS AND 5-1/2 TONS PER CYCLE;
 - 4.5. SEEDING SHALL BE DONE AT THE RATE OF 100 POUNDS PER ACRE. SEEDING SHALL BE DONE ON A CALM, DRY DAY, PREFERABLY BY MACHINE, BUT IF BY HAND, ONLY BY EXPERIENCED WORKMEN, IMMEDIATELY BEFORE SEEDING, THE SOIL SHALL BE LIGHTLY RAKE'D. ONE HALF THE SEED SHALL BE SOWN IN ONE DIRECTION AND THE OTHER HALF AT RIGHT ANGLES TO THE ORIGINAL DIRECTION. IT SHALL BE LIGHTLY RAKE'D INTO THE SOIL TO A DEPTH NOT OVER 1/4 INCH AND ROLLED WITH A HAND ROLLER WEIGHING NOT OVER 100 POUNDS PER LINEAR FOOT OF WIDTH;
 - 4.6. HAY MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING AS INDICATED ABOVE;
 - 4.7. THE HAY MULCH SHALL BE WATERED AND KEPT MOIST WITH A FINE SPRAY AS REQUIRED, WITHOUT WASHING AWAY THE SOIL, UNTIL THE GRASS IS WELL ESTABLISHED. ANY AREAS WHICH ARE NOT SATISFACTORILY COVERED WITH GRASS SHALL BE RESEED, AND ALL NOXIOUS WEEDS REMOVED;
 - 4.8. THE CONTRACTOR SHALL PROTECT AND MAINTAIN THE SEEDED AREAS UNTIL ACCEPTED;
 - 4.9. A GRASS SEED MIXTURE CONTAINING THE FOLLOWING SEED REQUIREMENTS SHALL BE APPLIED AS THE INDICATED RATE:

| SEED MIX | APPLICATION RATE |
|---------------------|------------------|
| CREEPING RED FESCUE | 50 LBS/ACRE |
| KEELED BLUE GRASS | 15 LBS/ACRE |

 IN NO CASE SHALL THE WEED CONTENT EXCEED ONE (1) PERCENT BY WEIGHT. ALL SEED SHALL COMPLY WITH STATE AND FEDERAL SEED LAWS. SEEDING SHALL BE DONE NO LATER THAN SEPTEMBER 15. IN NO CASE SHALL SEEDING TAKE PLACE OVER SNOW.
5. FOLLOW PERMANENT MEASURES SLOPE, LIME, FERTILIZER AND GRADING REQUIREMENTS. APPLY SEED MIXTURE AT TWICE THE INDICATED RATE. APPLY MULCH AS INDICATED FOR PERMANENT MEASURES.

N. CONCRETE WASHOUT AREA:

1. THE CONTRACTOR SHALL ONLY NON-STORMWATER DISCHARGES ALLOWED. ALL OTHER NON-STORMWATER DISCHARGES ARE PROHIBITED ON SITE:
 - 1.1. THE CONCRETE DELIVERY TRUCKS SHALL, WHENEVER POSSIBLE, USE WASHOUT FACILITIES AT THEIR OWN PLANT OR DISPATCH FACILITY;
 - 1.2. IF IT IS NECESSARY, SITE CONTRACTOR SHALL DESIGNATE SPECIFIC WASHOUT AREAS AND DESIGN FACILITIES TO HANDLE ANTICIPATED WASHOUT WATER;
 - 1.3. CONTRACTOR SHALL LOCATE WASHOUT AREAS AT LEAST 150 FEET AWAY FROM STORM DRAINS, SWALES AND SURFACE WATERS OR DELINEATED WETLANDS;
 - 1.4. INSPECT WASHOUT FACILITIES DAILY TO DETECT LEAKS OR TEARS AND TO IDENTIFY WHEN MATERIALS NEED TO BE REMOVED.

O. ALLOWABLE NON-STORMWATER DISCHARGES:

1. FIRE-FIGHTING ACTIVITIES;
2. FIRE HYDRANT FLUSHING;
3. WATERS USED TO WASH VEHICLES WHERE DETERGENTS ARE NOT USED;
4. WATER USED TO CONTROL DUST;
5. POTABLE WATER INCLUDING UNCONTAMINATED WATER LINE FLUSHING;
6. ROUTINE EXTERNAL BUILDING WASH DOWN WHERE DETERGENTS ARE NOT USED; PROVIDED THAT THE DETERGENTS ARE NOT USED;
7. UNCONTAMINATED AIR CONDITIONING/COMPRESSOR CONDENSATION;
8. UNCONTAMINATED GROUND WATER OR SPRING WATER;
9. FOUNDATION OR FOOTING DRAINS WHICH ARE UNCONTAMINATED;
10. UNCONTAMINATED EXCAVATION DRAINAGE;
11. UNCONTAMINATED CONCRETE DRAINS;
12. LANDSCAPE IRRIGATION.

P. WASTE DISPOSAL:

1. WASTE MATERIAL:
 - 1.1. ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN SECURELY LIDDED CONTAINERS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN A DUMPER;
 - 1.2. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE;
 - 1.3. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL BY THE SUPERINTENDENT.
2. HAZARDOUS WASTE:
 - 2.1. ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER;
 - 2.2. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES BY THE SUPERINTENDENT.
3. SANITARY WASTE:
 - 3.1. ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.

Q. SPILL PREVENTION:

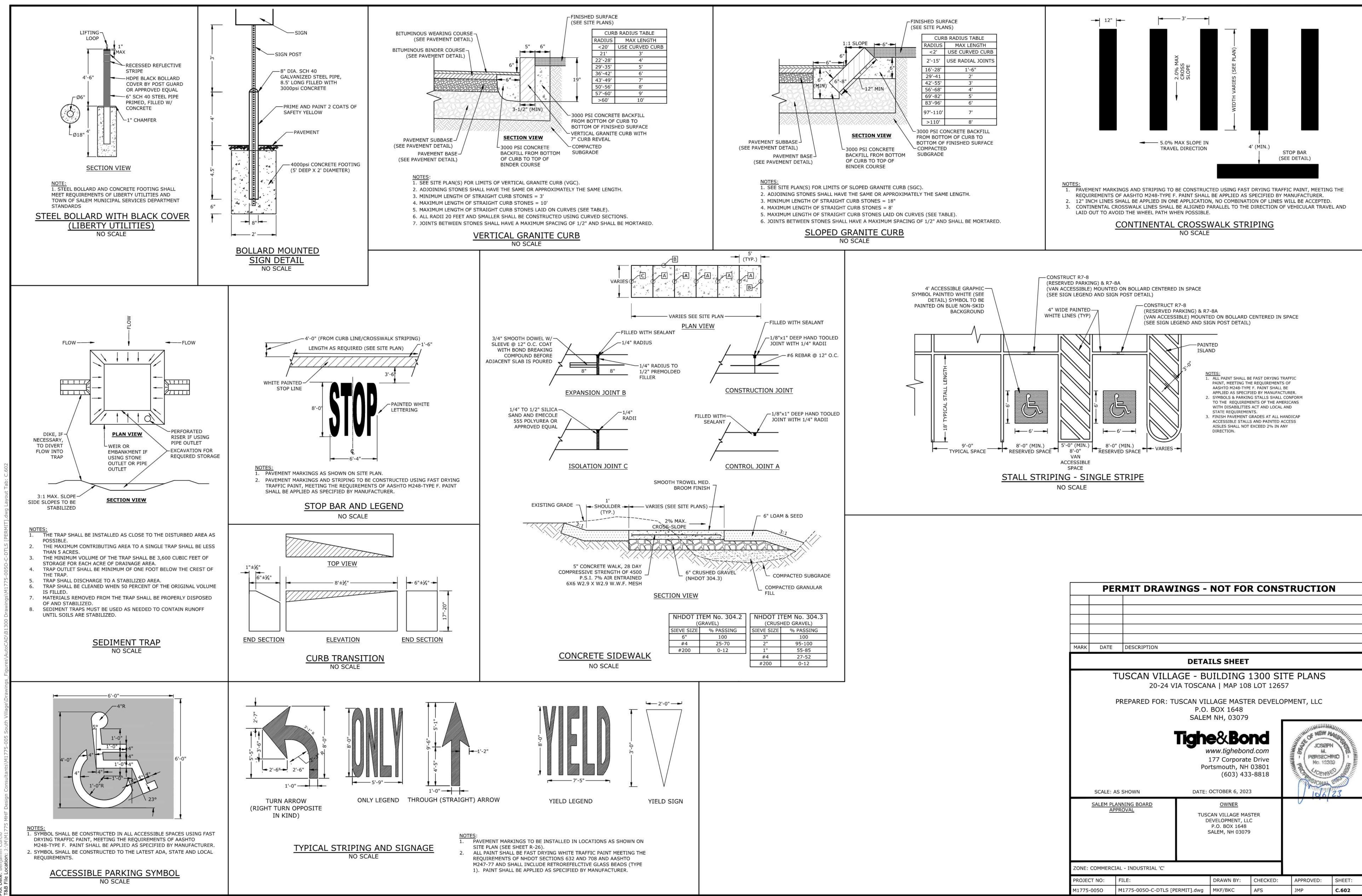
1. CONTRACTOR SHALL BE FAMILIAR WITH SPILL PREVENTION MEASURES REQUIRED BY LOCAL, STATE AND FEDERAL AGENCIES. AT A MINIMUM, CONTRACTOR SHALL FOLLOW THE BEST MANAGEMENT SPILL PREVENTION PRACTICES OUTLINED BELOW.
2. THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT SHALL BE USED TO REDUCE THE RISK OF SPILL OR OTHER ACCIDENTS IN THE USE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION THE STORMWATER RUNOFF:
 - 2.1. GOOD HOUSEKEEPING - THE FOLLOWING GOOD HOUSEKEEPING PRACTICE SHALL BE FOLLOWED ON SITE DURING CONSTRUCTION:
 - 2.1.1. ONLY SUFFICIENT AMOUNTS OF PRODUCTS TO DO THE JOB SHALL BE STORED ON SITE;
 - 2.1.2. ALL REGULATED MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE, ON AN IMPERVIOUS SURFACE;
 - 2.1.3. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED;
 - 2.1.4. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS;
 - 2.1.5. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER;
 - 2.1.6. WHENEVER POSSIBLE ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
 - 2.1.7. THE CONTRACTOR ON-SITE EMPLOYEES AND THE ON-SITE POSTING OF RELEASE RESPONSE INFORMATION DESCRIBING WHAT TO DO IN THE EVENT OF A SPILL OF REGULATED SUBSTANCES;

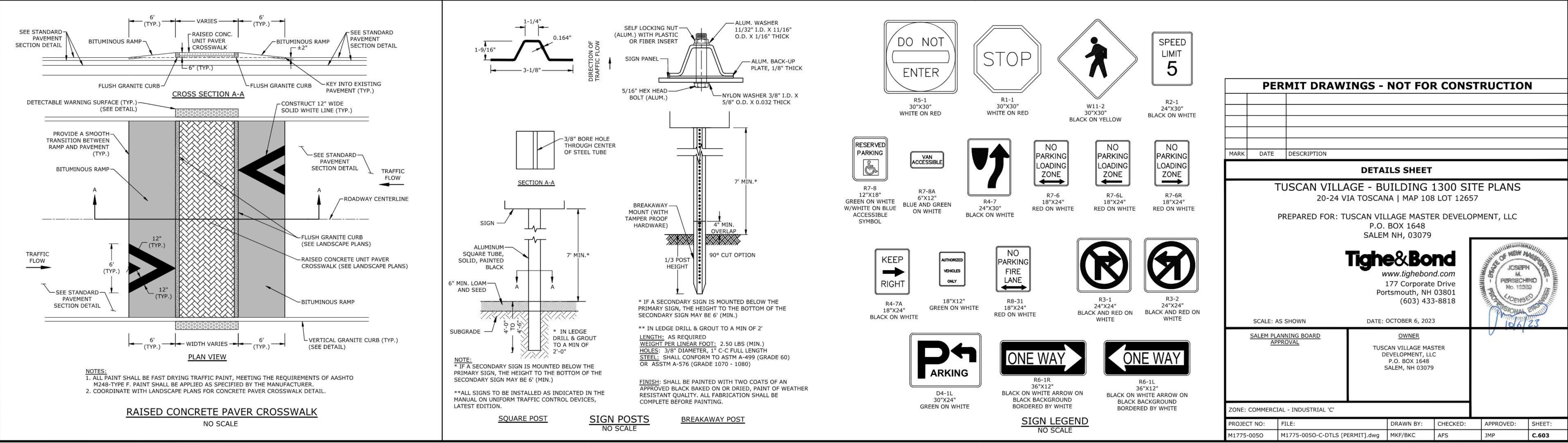
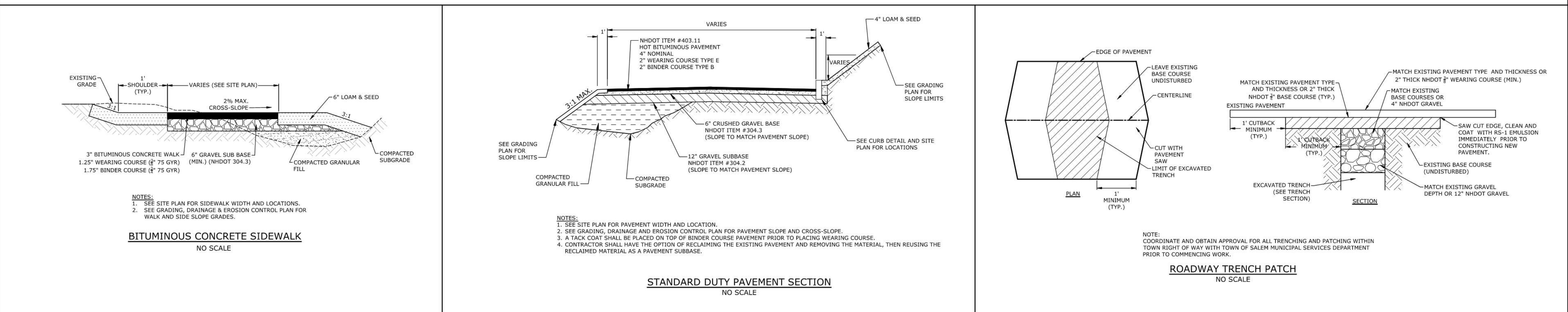
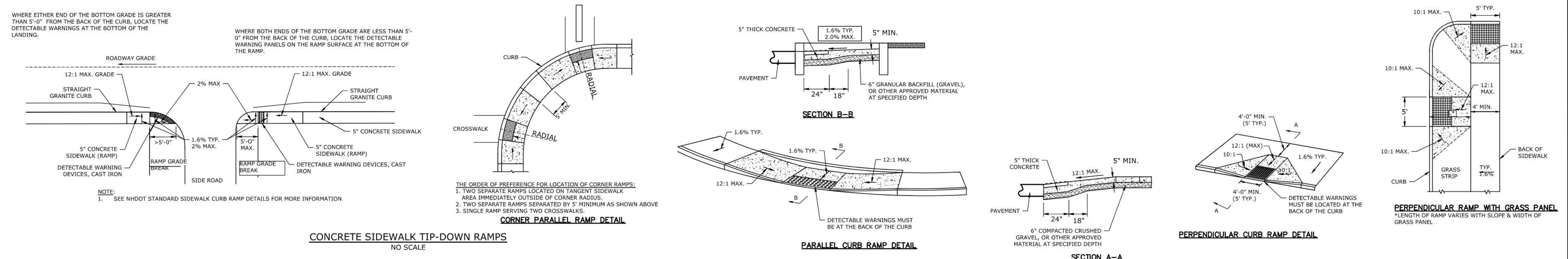
3. HAZARDOUS PRODUCTS - THE FOLLOWING PRACTICES SHALL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:

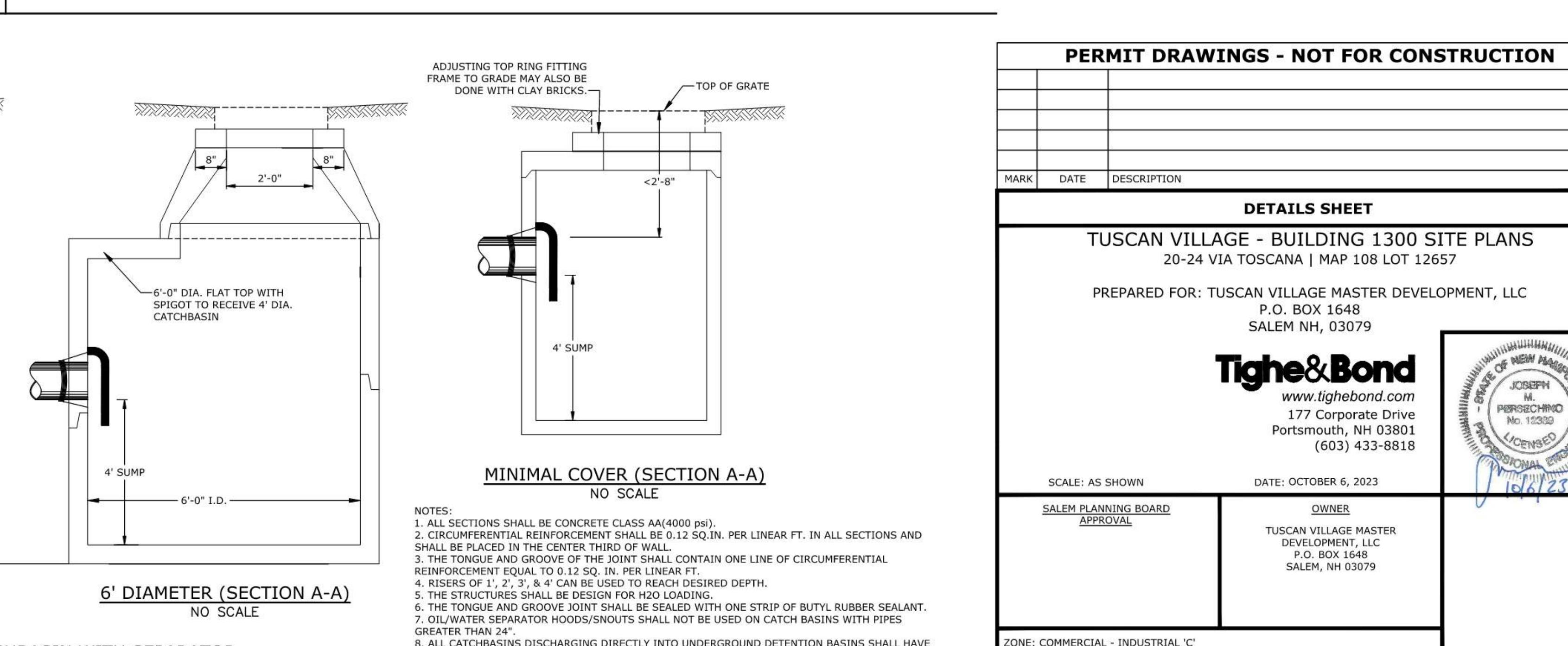
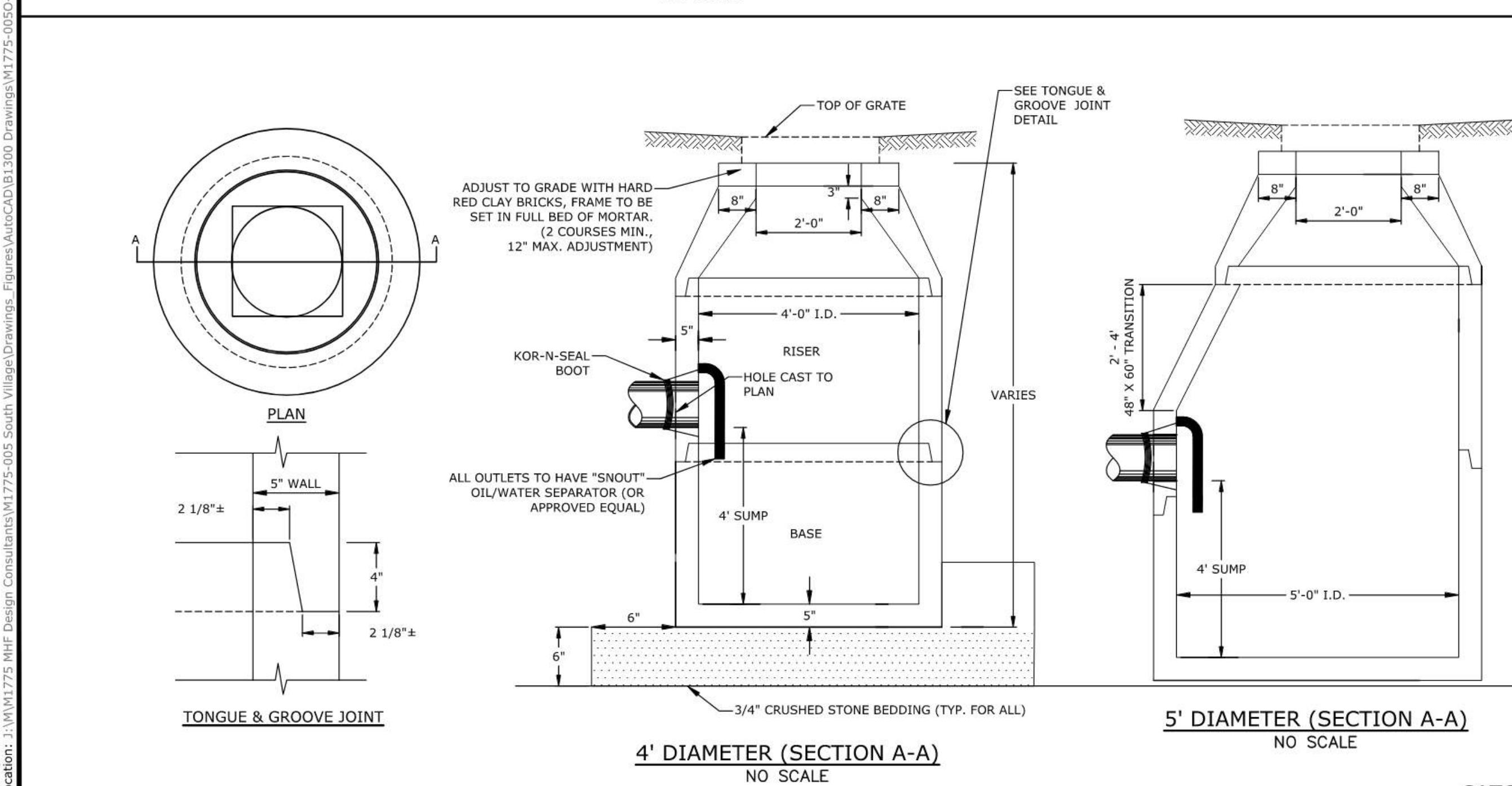
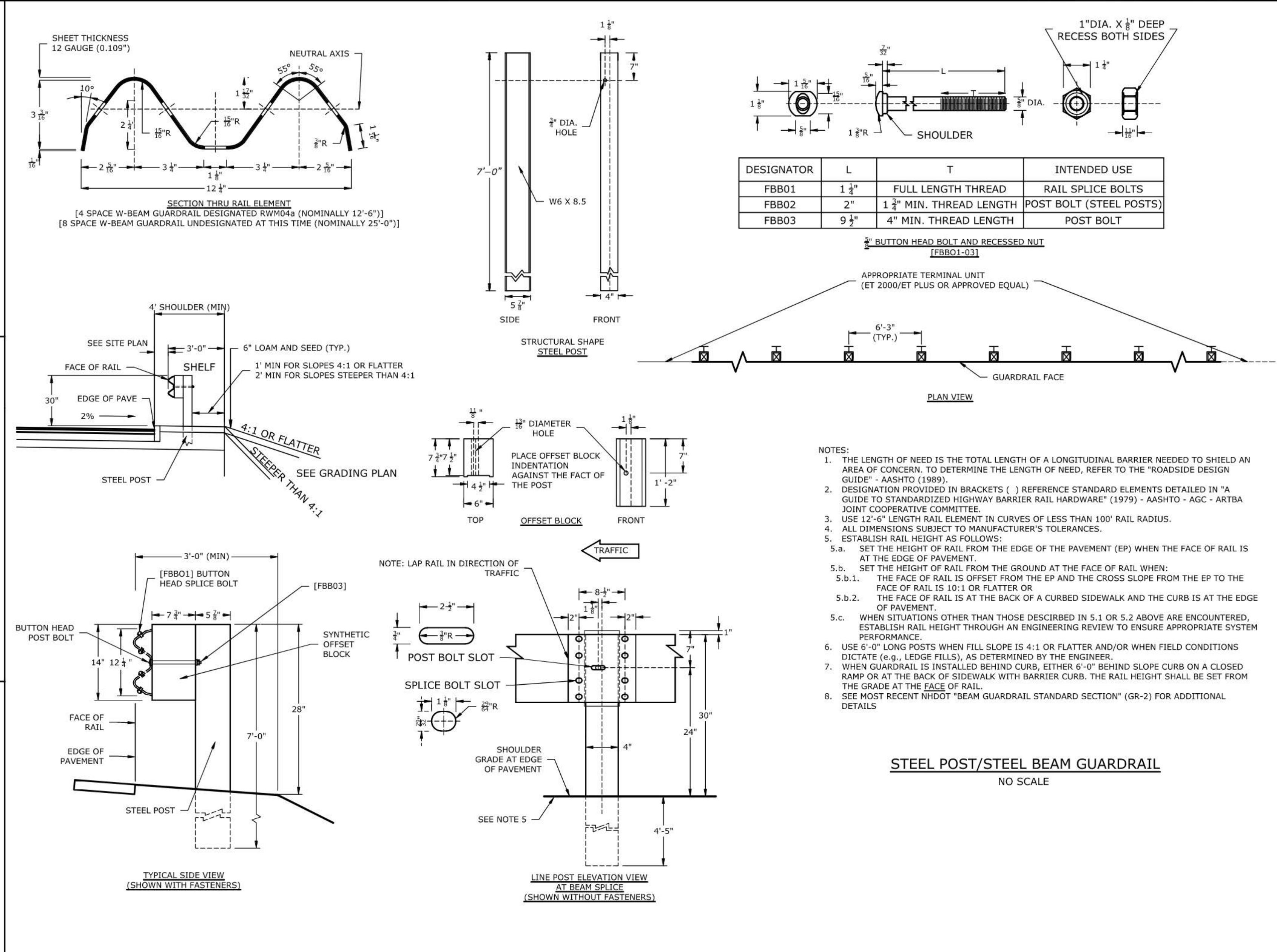
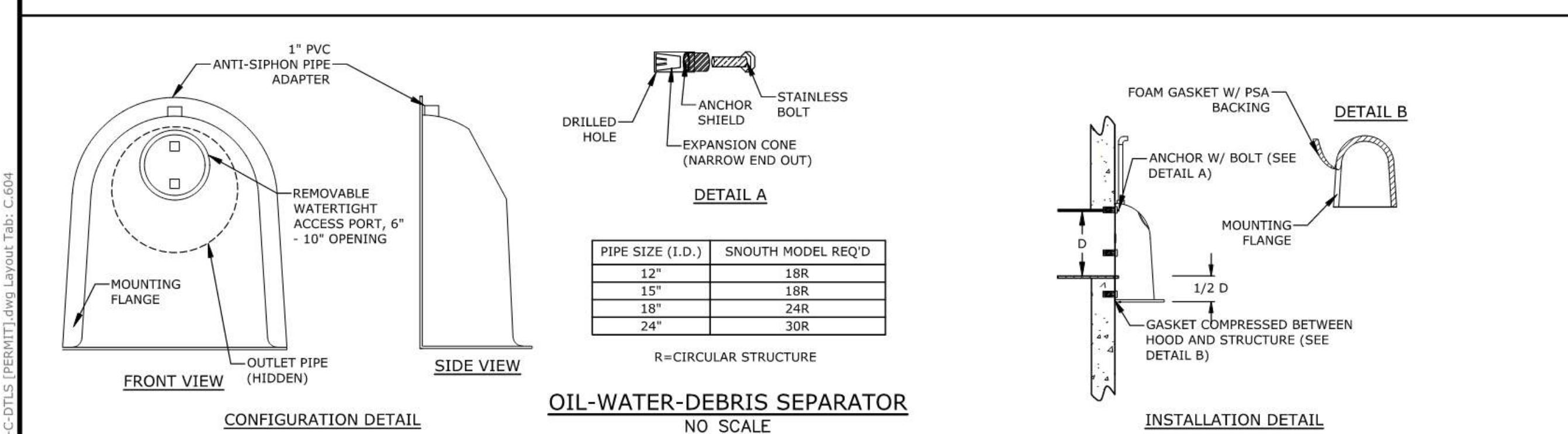
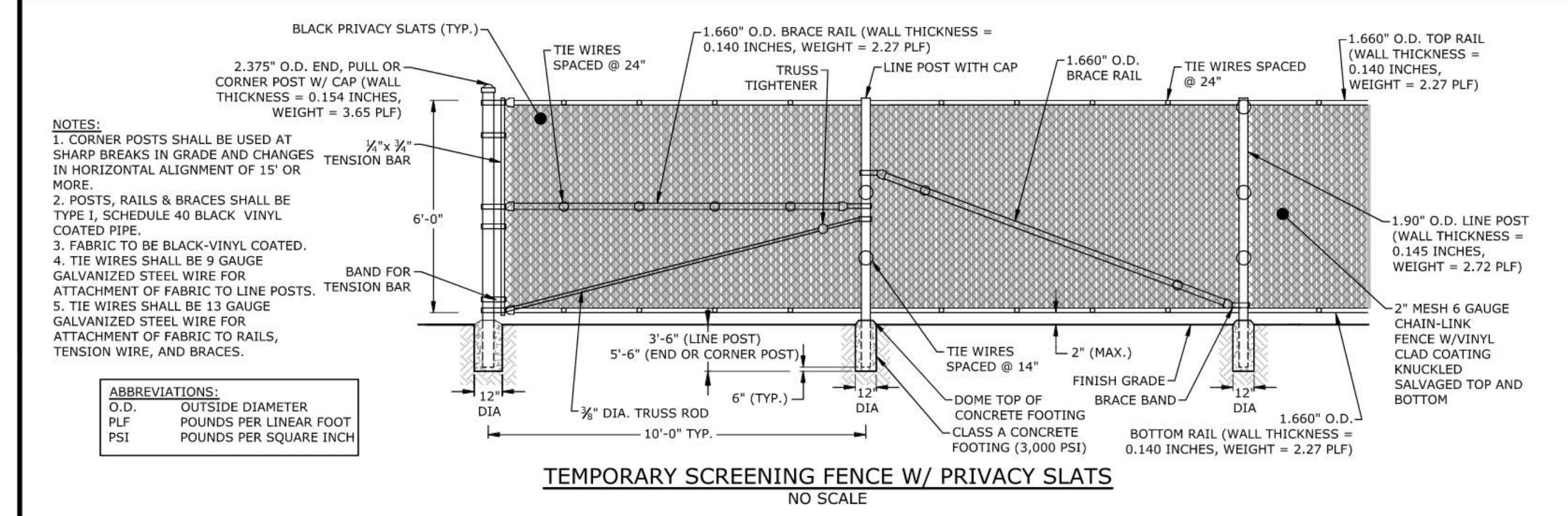
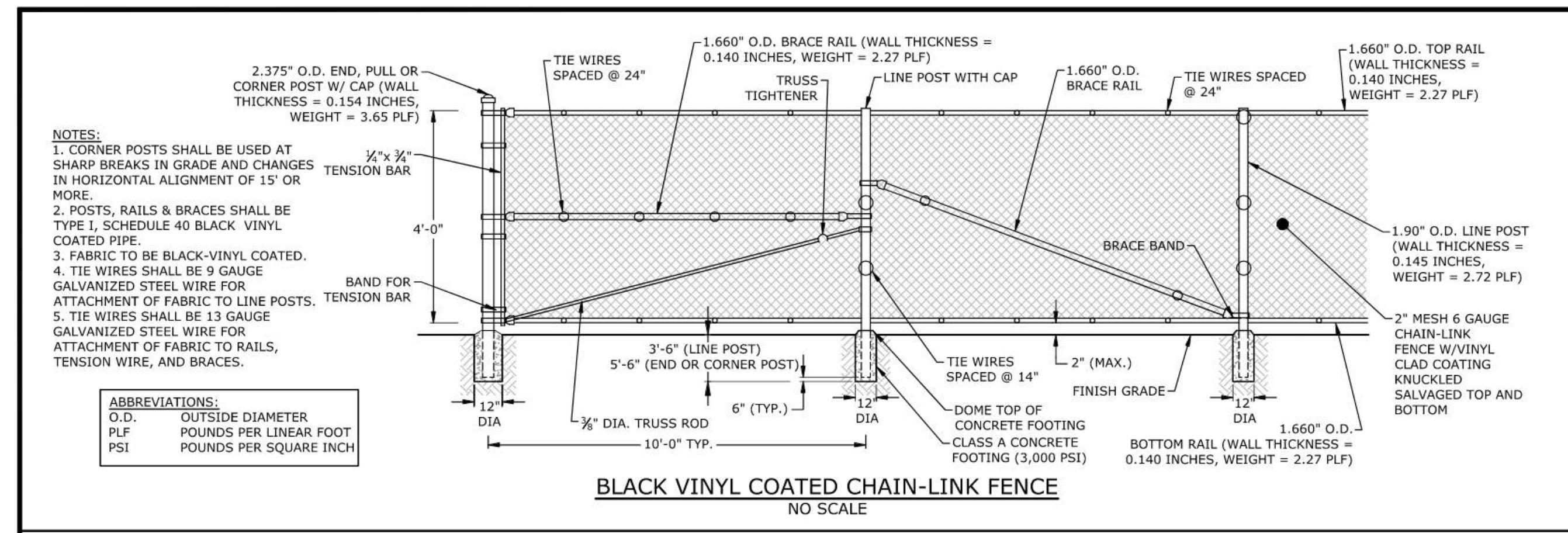
- 3.1. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE;
- 3.2. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED FOR IMPORTANT PRODUCT INFORMATION;
- 3.3. THE PRODUCT THAT MUST BE DISPOSED OF SHALL BE DISCARDED ACCORDING TO THE MANUFACTURER'S RECOMMENDED METHODS OF DISPOSAL.
4. PRODUCT SPECIFIC PRACTICES - THE FOLLOWING PRODUCT SPECIFIC PRACTICES SHALL BE FOLLOWED ON SITE:
 - 4.1. PETROLEUM PRODUCTS:
 - 4.1.1. ALL ON SITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE LEAKAGE;
 - 4.1.2. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT BASED SUBSTANCES USED ON SITE SHALL BE STORED IN A TIGHTLY SEALED CONTAINER ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 - 4.1.3. SECURE FUEL STORAGE AREAS AGAINST UNAUTHORIZED ENTRY;
 - 4.1.4. INSPECT FUEL STORAGE AREAS WEEKLY;
 - 4.1.5. WHEREVER POSSIBLE, KEEP REGULATED CONTAINERS THAT ARE STORED OUTSIDE MORE THAN 50 FEET FROM SURFACE WATER AND STORM DRAINS, 75 FEET FROM PRIVATE WELLS, AND 400 FEET FROM PUBLIC WELLS;
 - 4.1.6. COVER REGULATED CONTAINERS IN OUTSIDE STORAGE AREAS;
 - 4.1.7. SECONDARY CONTAINMENT IS REQUIRED FOR CONTAINERS CONTAINING REGULATED SUBSTANCES STORED OUTSIDE, EXCEPT FOR ON-PREMISE USE HEATING FUELS, OR ABOVEGROUND OR UNDERGROUND STORAGE TANKS OTHERWISE REGULATED.
 - 4.1.8. THE FUEL HANDLING REQUIREMENTS SHALL INCLUDE:
 - 4.1.8.1. EXCEPT WHEN IN USE, KEEP CONTAINERS CONTAINING REGULATED SUBSTANCES CLOSED AND SEALED;
 - 4.1.8.2. PLACE DRIP PANS UNDER SPIGOTS, VALVES, AND PUMPS;
 - 4.1.8.3. HAVE SPILL CONTROL AND CONTAINMENT EQUIPMENT READILY AVAILABLE IN THE WORK AREAS;
 - 4.1.8.4. USE FUMES AND DRIP PANS WHEN TRANSFERRING REGULATED SUBSTANCES;
 - 4.1.8.5. PERFORM TRANSFERS OF REGULATED SUBSTANCES OVER AN IMPERVIOUS SURFACE.

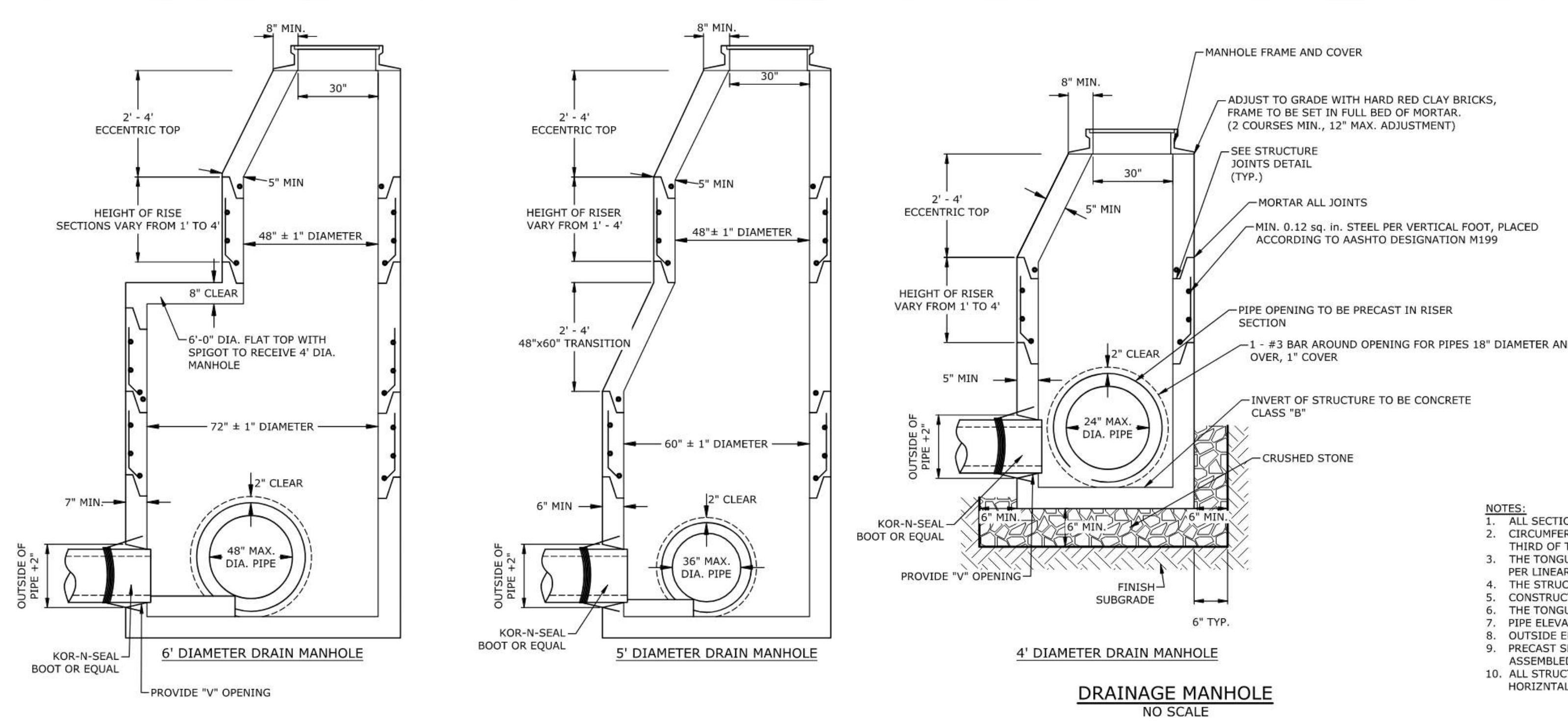
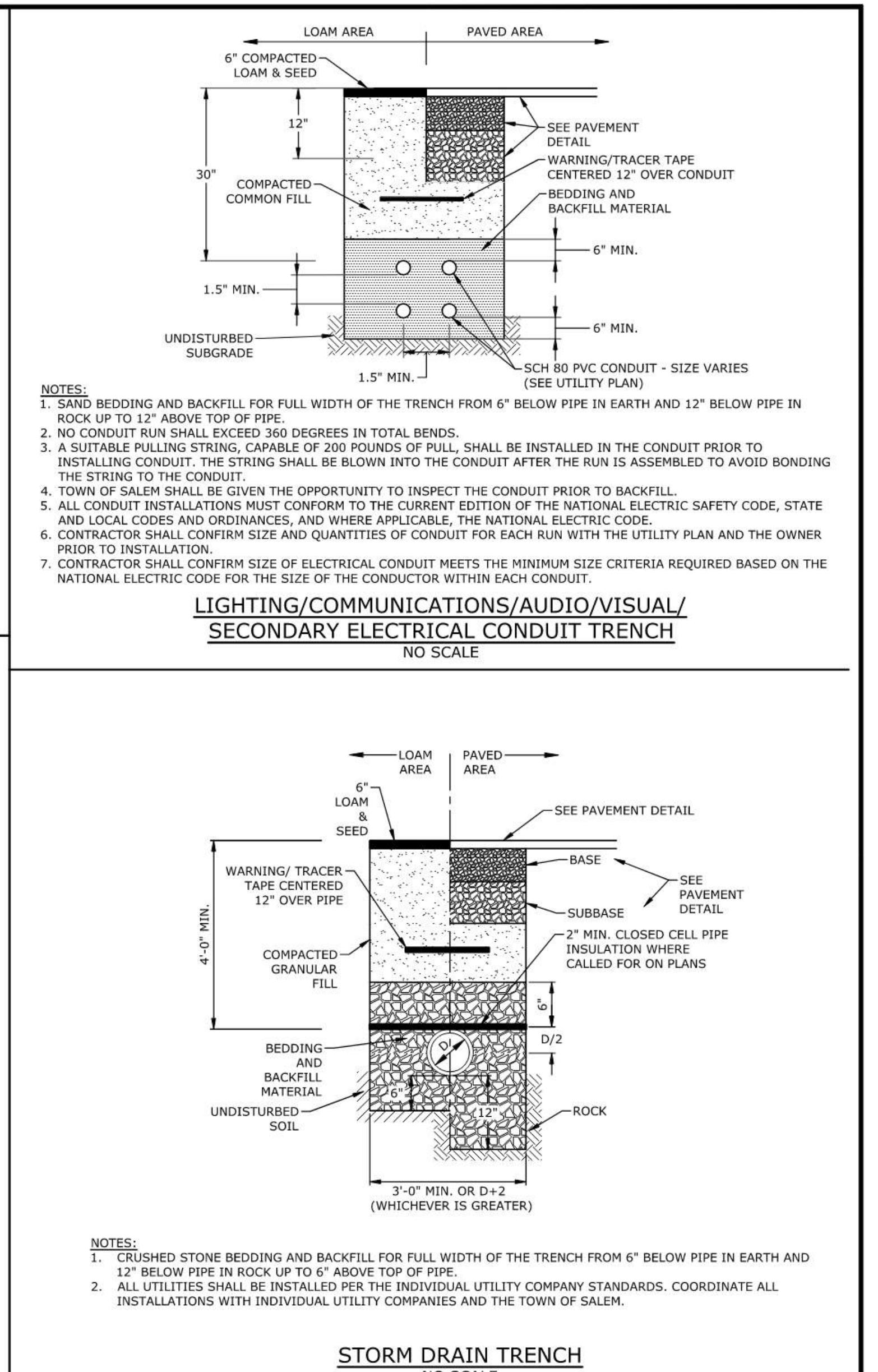
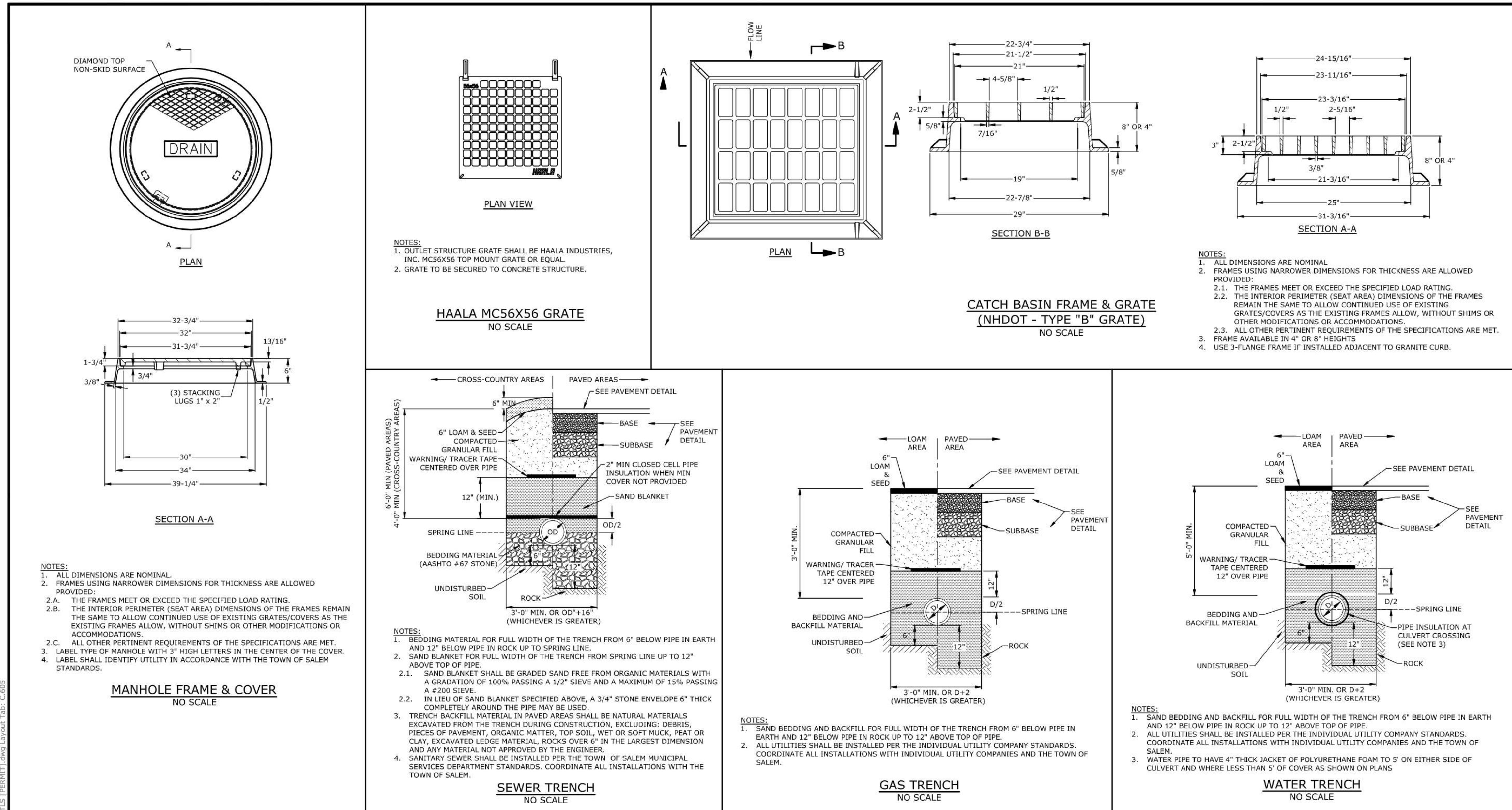
L. OFF SITE VEHICLE TRACKING:

1. THE CONTRACTOR SHALL CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE(S) PRIOR TO ANY EXCAVATION ACTIVITIES.
2. STOCKPILES:
 - 2.1. LOCATE STOCKPILES A MINIMUM OF 50 FEET AWAY FROM CATCH BASINS, SWALES, AND CULVERTS;
 - 2.2. ALL STOCKPILES SHOULD BE SURROUNDED WITH TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE ONSET OF









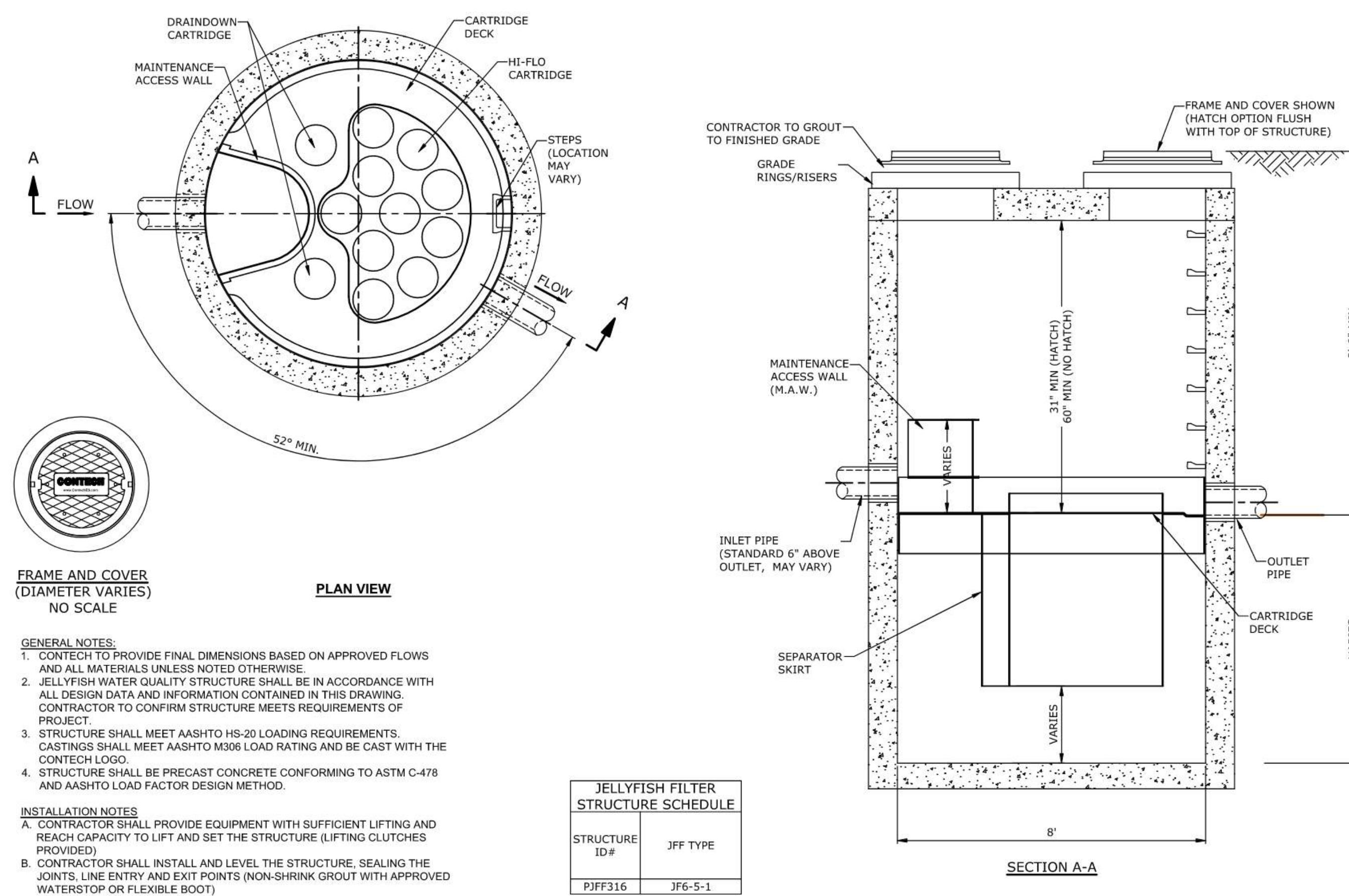
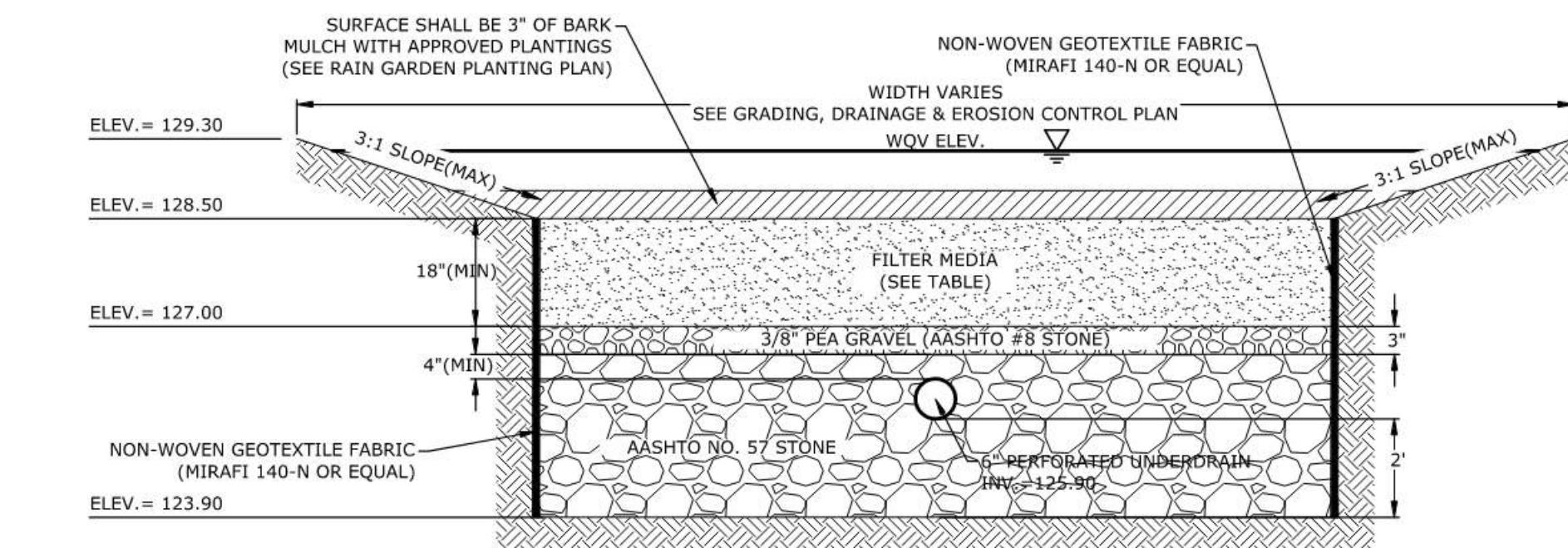
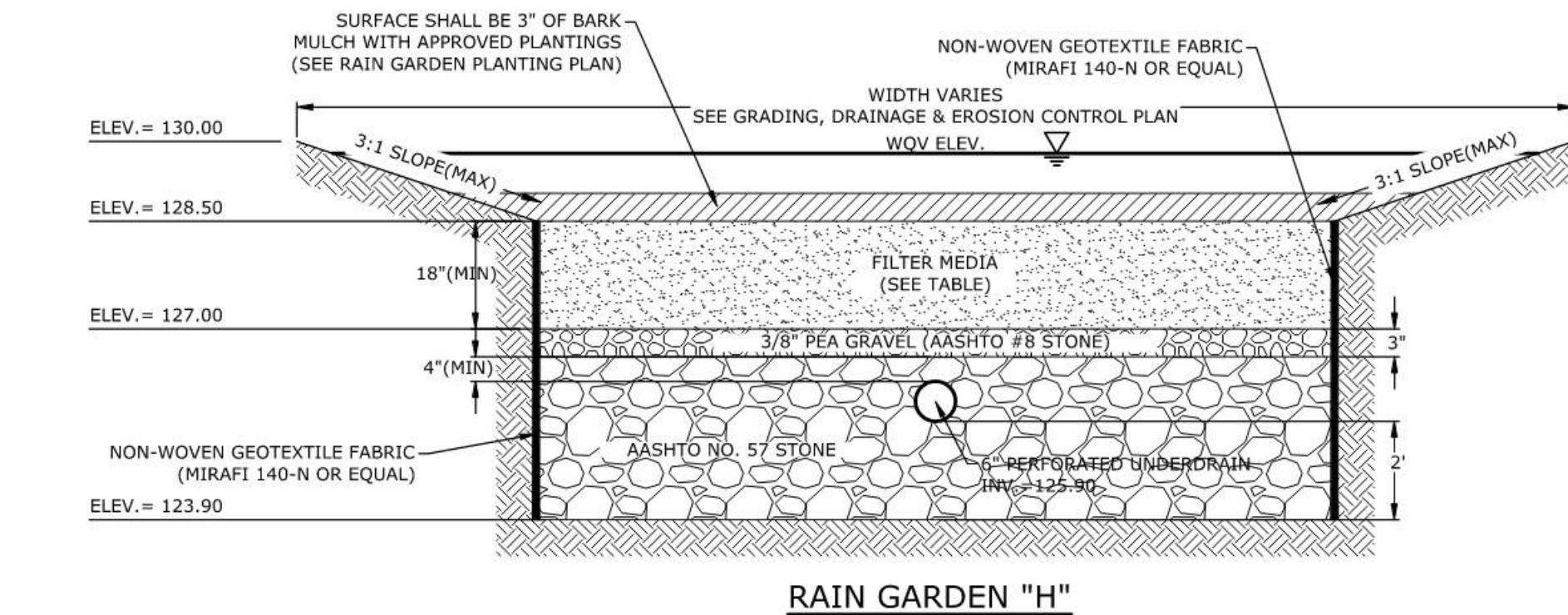
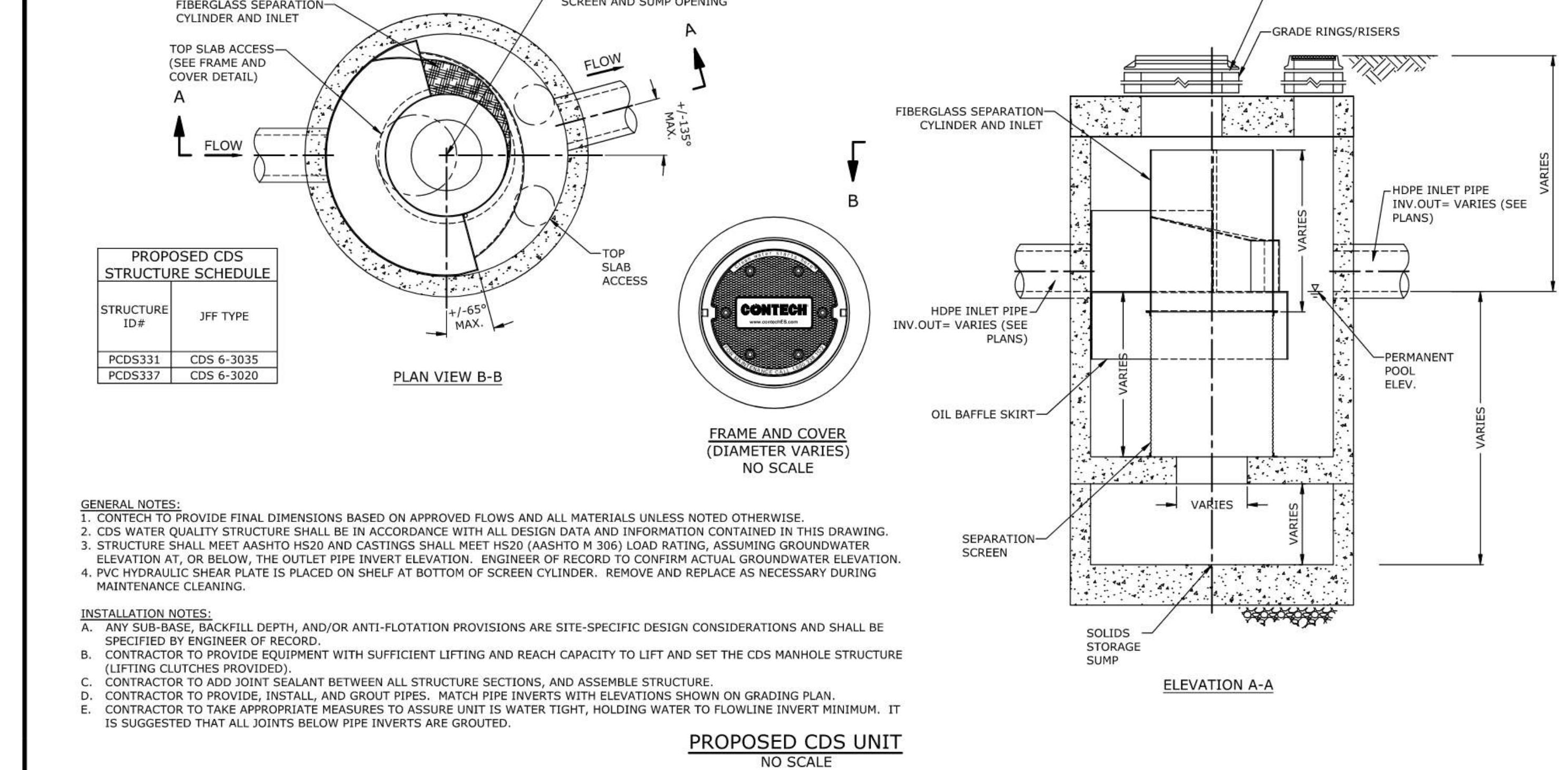
| CORE HOLE SIZE | | | | |
|---------------------|-----------------------|------|---------------------------|------|
| PIPE SIZE INCHES | RCP CORE HOLE DIA. | | PLASTIC CORE HOLE DIA. | |
| | INCHES | FEET | INCHES | FEET |
| 6 | | | 7 | 0.6 |
| 12 | 18 | 1.5 | 18 | 1.5 |
| 15 | 22 | 1.8 | 20 | 1.7 |
| 18 | 26 | 2.2 | 24 | 2.0 |
| 24 | 34 | 2.8 | 32 | 2.7 |
| 30 | 42 | 3.5 | 42 | 3.5 |
| 36 | 48 | 4.0 | 48 | 4.0 |
| 42 | 54 | 4.5 | 54 | 4.5 |
| 48 | 64 | 5.3 | 64 | 5.3 |
| 54 | 72 | 6.0 | | |
| 60 | 78 | 6.5 | | |

| DIAMETER | WALL THICKNESS (MIN.) | FLOOR THICKNESS (MIN.) |
|----------|-----------------------|------------------------|
| 4' | 5" | 6" |
| 5' | 6" | 8" |
| 6' | 7" | 8" |
| 8' | 9" | 10" |
| 9' | 11" | 10" |

NOTES:

1. ALL SECTIONS SHALL BE 4,000 PSI CONCRETE.
 2. CIRCUMFERENTIAL REINFORCEMENT SHALL BE 0.12 SQUARE INCHES PER LINEAR FOOT IN ALL SECTIONS AND SHALL BE PLACED IN THE CENTER THIRD OF THE WALL.
 3. THE TONGUE AND THE GROOVE OF THE JOINT SHALL CONTAIN ONE LINE OF CIRCUMFERENTIAL REINFORCEMENT EQUAL TO 0.12 SQUARE INCHES PER LINEAR FOOT.
 4. THE STRUCTURE SHALL BE DESIGNED FOR H20 LOADING.
 5. CONSTRUCT CRUSHED STONE BEDDING AND BACKFILL UNDER 6" MINIMUM THICKNESS.
 6. THE TONGUE AND GROOVE JOINT SHALL BE SEALED WITH ONE STRIP OF BUTYL RUBBER SEALANT.
 7. PIPE ELEVATIONS SHOWN ON PLANS SHALL BE FIELD VERIFIED PRIOR TO PRECASTING.
 8. OUTSIDE EDGES OF PIPES SHALL PROJECT NO MORE THAN 3" BEYOND INSIDE WALL OF STRUCTURE.
 9. PRECAST SECTIONS SHALL HAVE A TONGUE AND GROOVE JOINT 4" HIGH AT AN 11° ANGLE CENTERED IN THE WIDTH OF THE WALL AND SHALL BE ASSEMBLED USING AN APPROVED FLEXIBLE SEALANT IN JOINTS.
 10. ALL STRUCTURES WITH MULTIPLE PIPES SHALL HAVE A MINIMUM OF 12" OF INSIDE SURFACE BETWEEN HOLES, NO MORE THAN 75% OF A HORIZONTAL CROSS SECTION SHALL BE HOLES, AND THERE SHALL BE NO HOLES CLOSER THAN 3" TO JOINTS.

| PERMIT DRAWINGS - NOT FOR CONSTRUCTION | | |
|--|--------------------------------|-------------|
| MARK | DATE | DESCRIPTION |
| DETAILS SHEET | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA MAP 108 LOT 12657 PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | | |
| Tighe&Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | | |
| JOSEPH M. PERSECHINO PROFESSIONAL ENGINEER LIC#12345 STATE OF NEW HAMPSHIRE 10/06/23 | | |
| SCALE: AS SHOWN | | |
| DATE: OCTOBER 6, 2023 | | |
| SALEM PLANNING BOARD APPROVAL | | OWNER |
| TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | |
| PROJECT NO: | FILE: | DRAWN BY: |
| M1775-0050 | M1775-0050-C-DTLS [PERMIT].dwg | MKF/BKC |
| | AFS | JMP |
| | | C.605 |



NOTES:

1. BARK MULCH SHALL BE AGED A MINIMUM OF 12 MONTHS AND SHALL NOT FLOAT.
2. RAIN GARDENS SHALL NOT BE PLACED INTO SERVICE UNTIL THE PRACTICE HAS BEEN PLANTED AND ITS CONTRIBUTING AREAS HAVE BEEN FULLY STABILIZED.
3. DO NOT TRAFFIC EQUIPMENT ON SOIL SURFACES WITH CONSTRUCTION EQUIPMENT. CONTRACTOR SHALL KEEP ALL EXCAVATION EQUIPMENT AND LOADS OUTSIDE THE LINE OF THE RAIN GARDEN.
4. SEE GRADING, DRAINAGE & EROSION CONTROL PLAN FOR LOCATIONS, LAYOUTS, AND ELEVATIONS.
5. THE SAND PORTION OF THE FILTER MEDIA SHALL MEET THE FOLLOWING GRADATION (ASTM C-33):

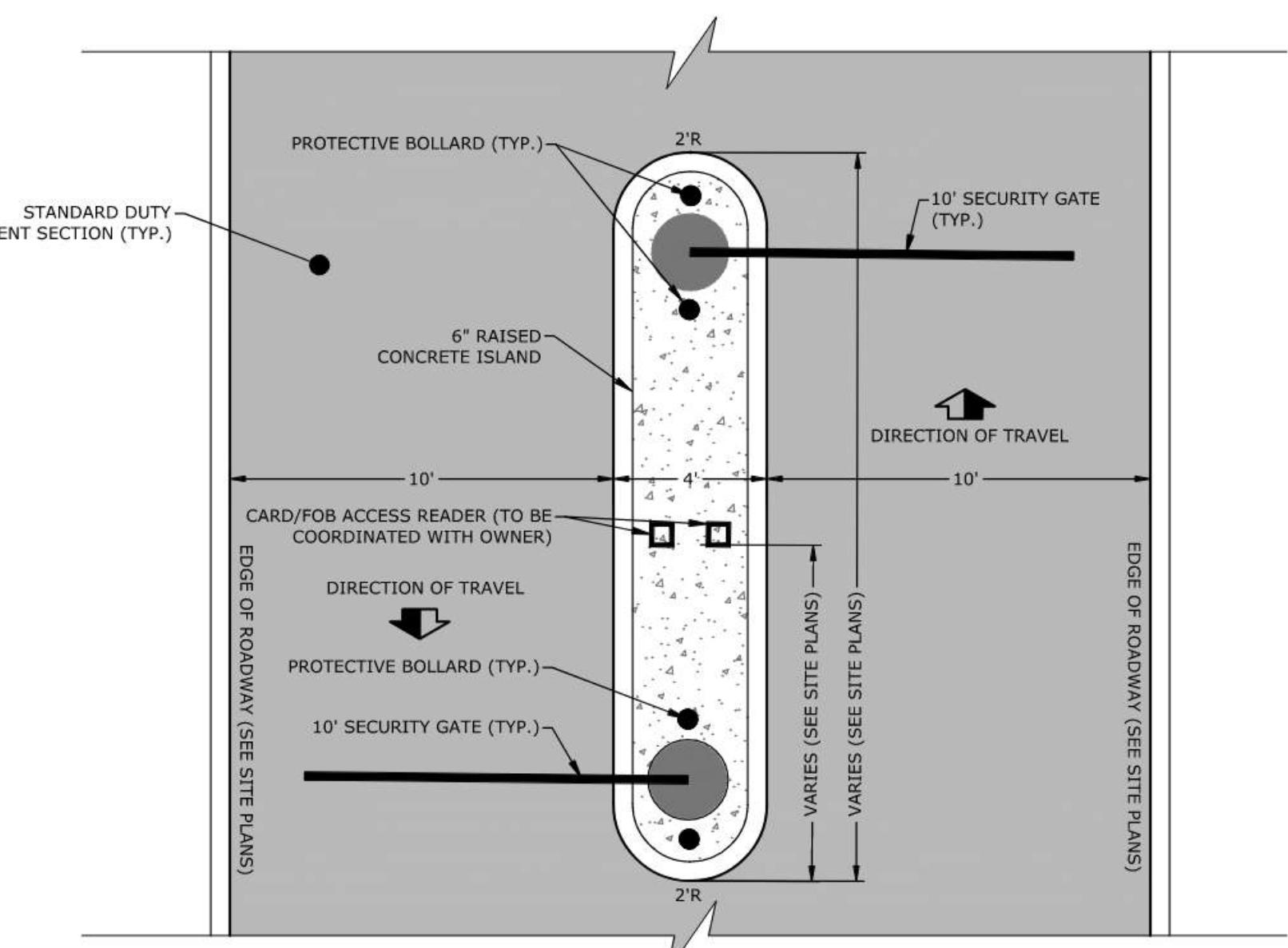
| STEEVE SIZE | PERCENT PASSING |
|-------------|-----------------|
| 3/8" | 100 |
| #4 | 95-100 |
| 3/8" | 80-100 |
| #16 | 50-85 |
| #30 | 25-60 |
| #50 | 5-30 |
| #100 | 0-10 |

RAIN GARDENS
NO SCALE

| AASHTO #8 STONE (#8 to 3/8") | | AASHTO #57 STONE (#4 to 1") | |
|---------------------------------|-----------|--------------------------------|-----------|
| SIEVE SIZE | % PASSING | SIEVE SIZE | % PASSING |
| 1/2" | 100 | 1 1/2" | 100 |
| 3/8" | 85-100 | 1" | 95-100 |
| #4 | 10-30 | 1/2" | 25-60 |
| #8 | 0-10 | #4 | 0-10 |
| #16 | 0-5 | #8 | 0-5 |

FILTER MEDIA COMPOSITION:

| COMPONENT MATERIAL | PERCENT OF MIXTURE BY VOLUME | GRADATION OF MATERIAL | |
|---|------------------------------|-----------------------|-----------------|
| | | SIEVE NO. SEE NOTE #5 | PERCENT PASSING |
| ASTM C-33 CONCRETE SAND | 50-55 | 20-30 | 15-25 |
| LOAMY SAND TOPSOIL | 20-30 | 200 | 5 MAX |
| MODERATELY FINE SHREDDED BARK OR WOOD FIBER MULCH | | | |

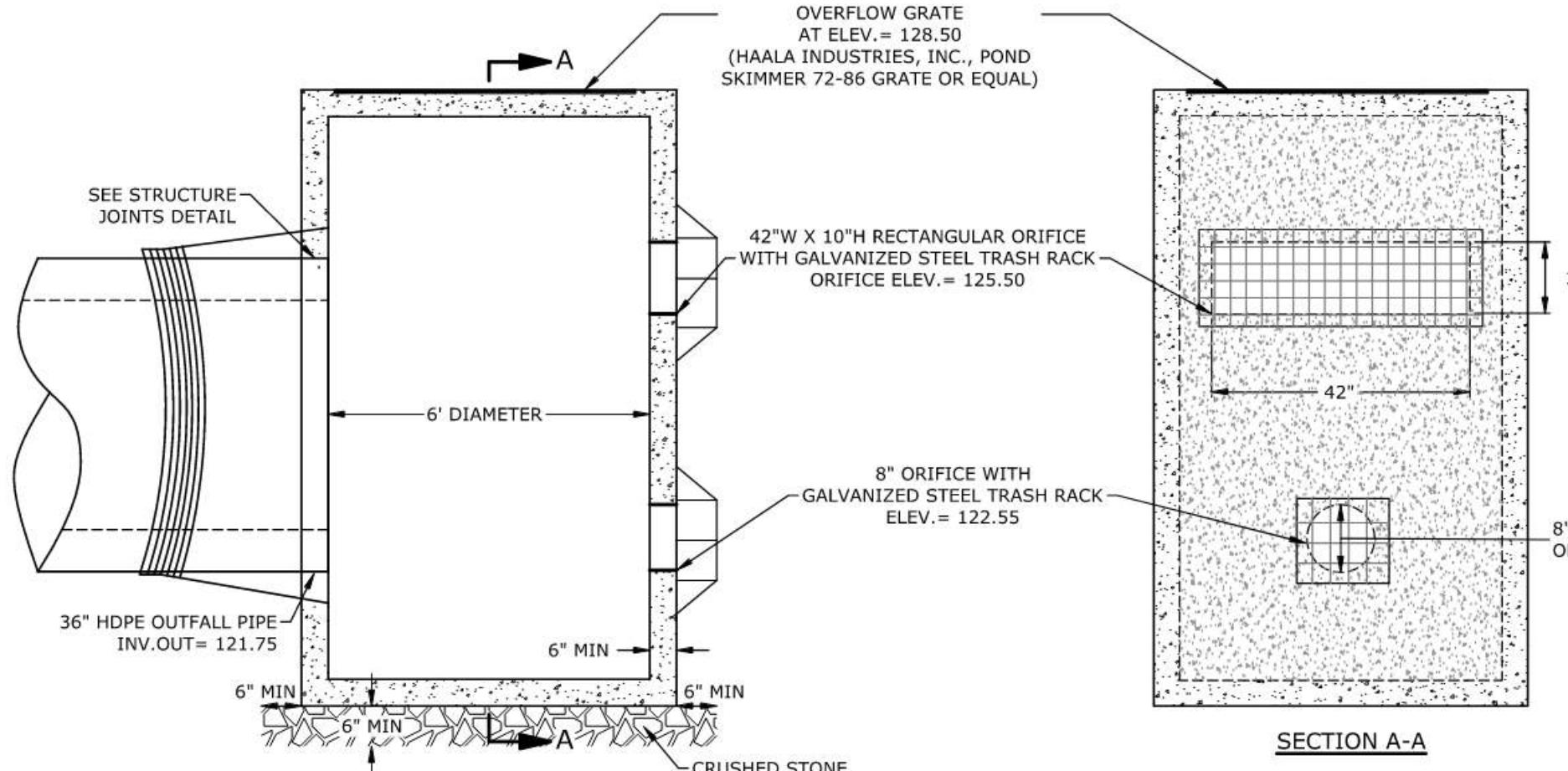
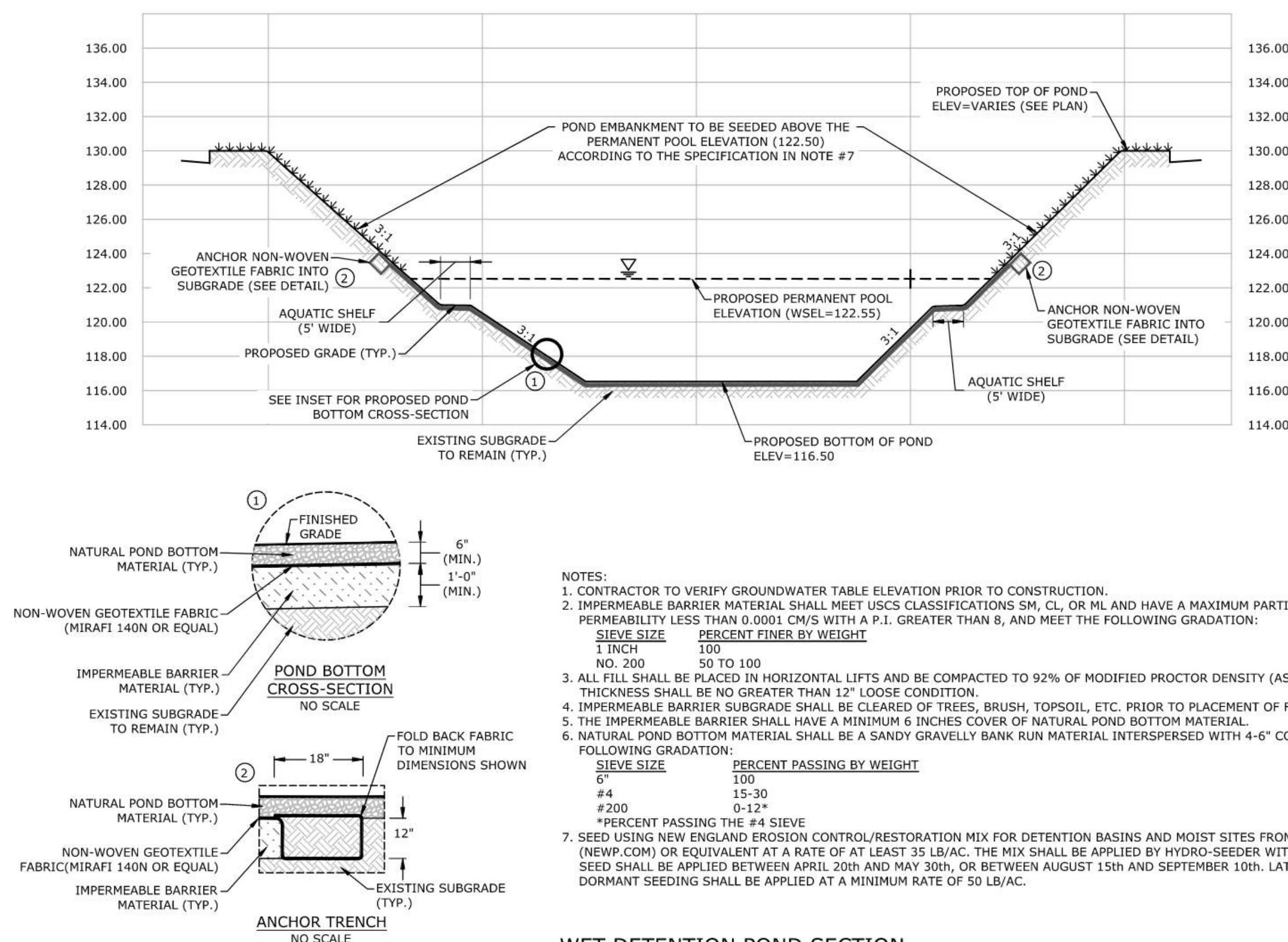


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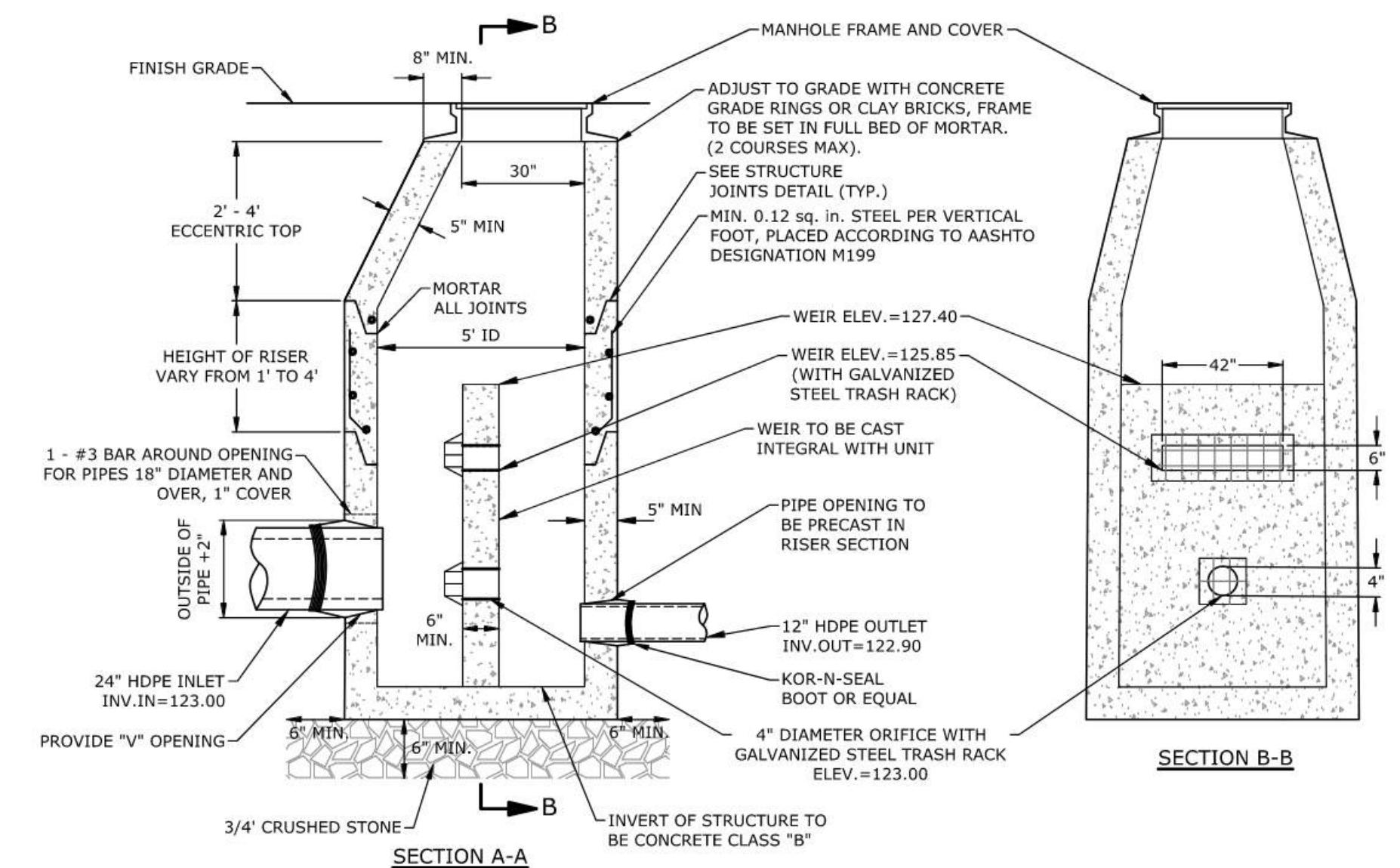
1. FINAL SECURITY GATE PRODUCT AND DETAIL TO BE COORDINATED WITH OWNER.
2. SEE SITE PLANS FOR GATE LOCATION AND FURTHER DIMENSION CLARIFICATION.

TYPICAL SECURITY GATE DETAIL
NO SCALE

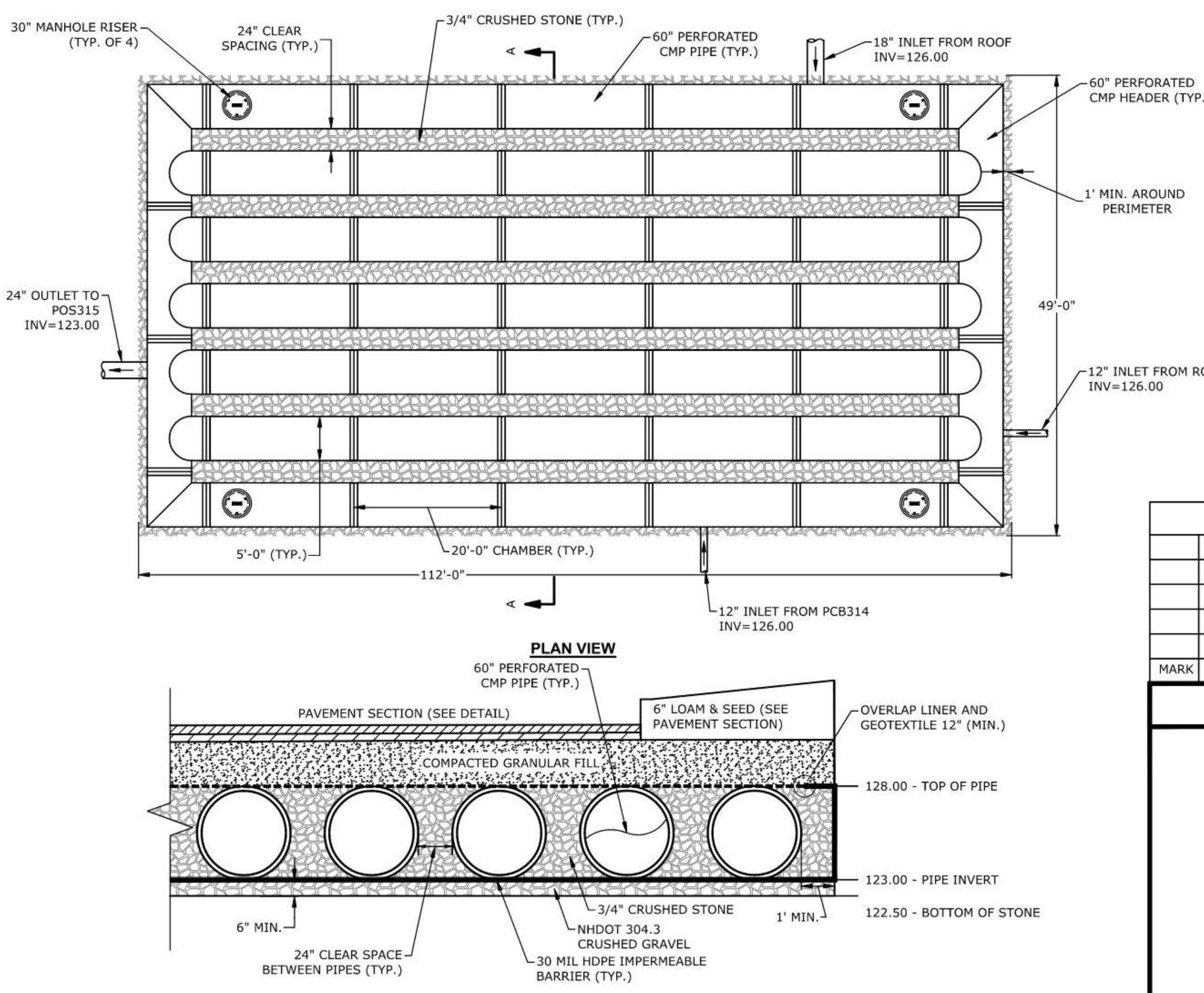
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|---|------|----------------------|
| MARK | DATE | DESCRIPTION |
| | | DETAILS SHEET |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA MAP 108 LOT 12657 PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | | |
| Tighe & Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | | |
| | | |
| SCALE: AS SHOWN DATE: OCTOBER 6, 2023 | | |
| SALEM PLANNING BOARD APPROVAL | | OWNER |
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| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | |
| PROJECT NO: M1775-0050 FILE: M1775-0050-C-DTLS [PERMIT].dwg DRAWN BY: MKF/BKC CHECKED: AFS APPROVED: JJP SHEET: C.606 | | |



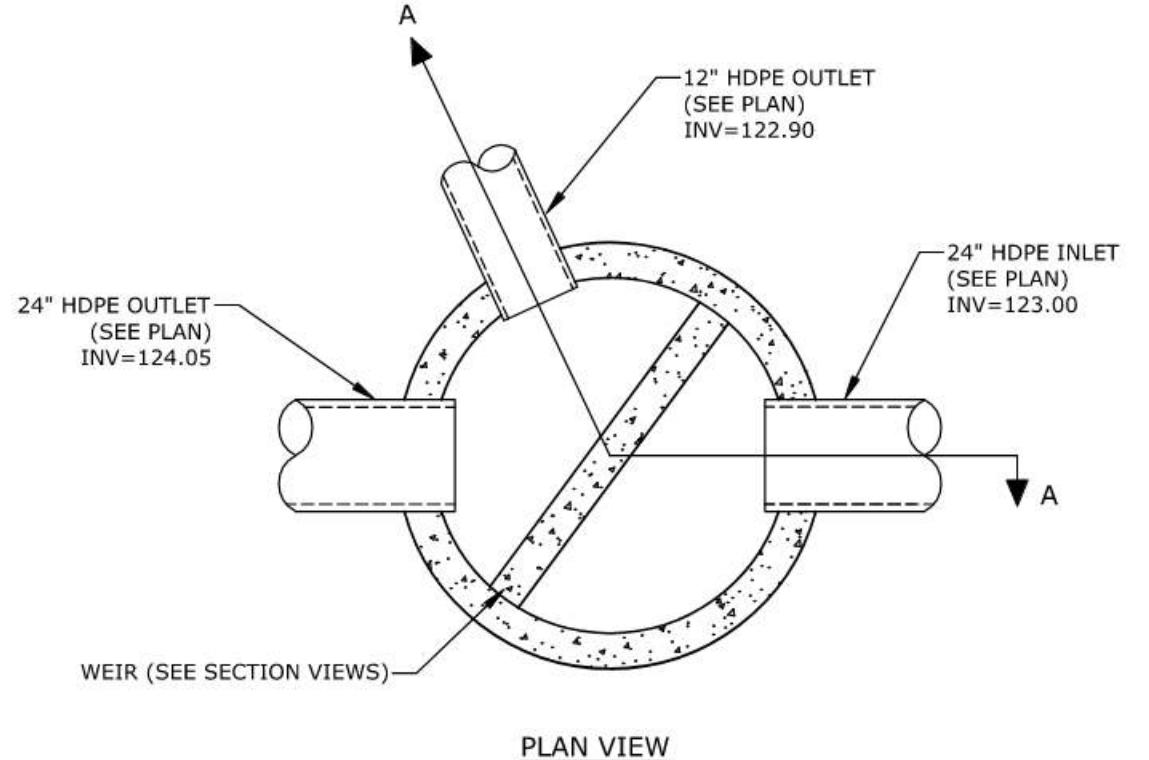
POND OUTLET STRUCTURE (OCS337)
 NO SCALE



UNDERGROUND DETENTION BASIN "G" OUTLET STRUCTURE (POS315)
 NO SCALE



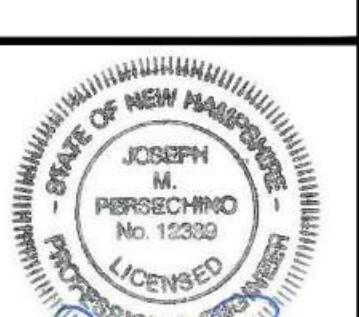
UNDERGROUND DETENTION BASIN (UDB) "G"
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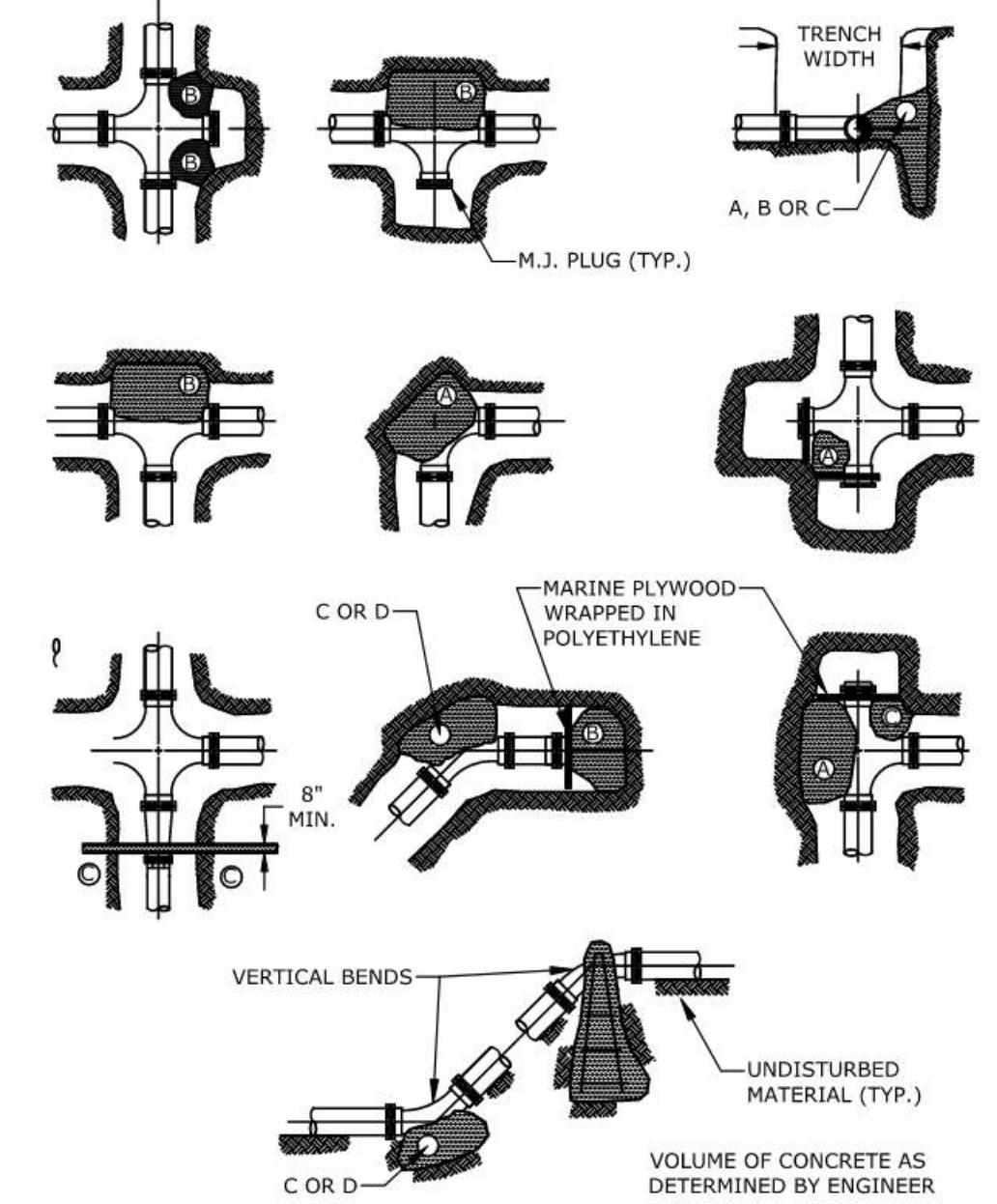
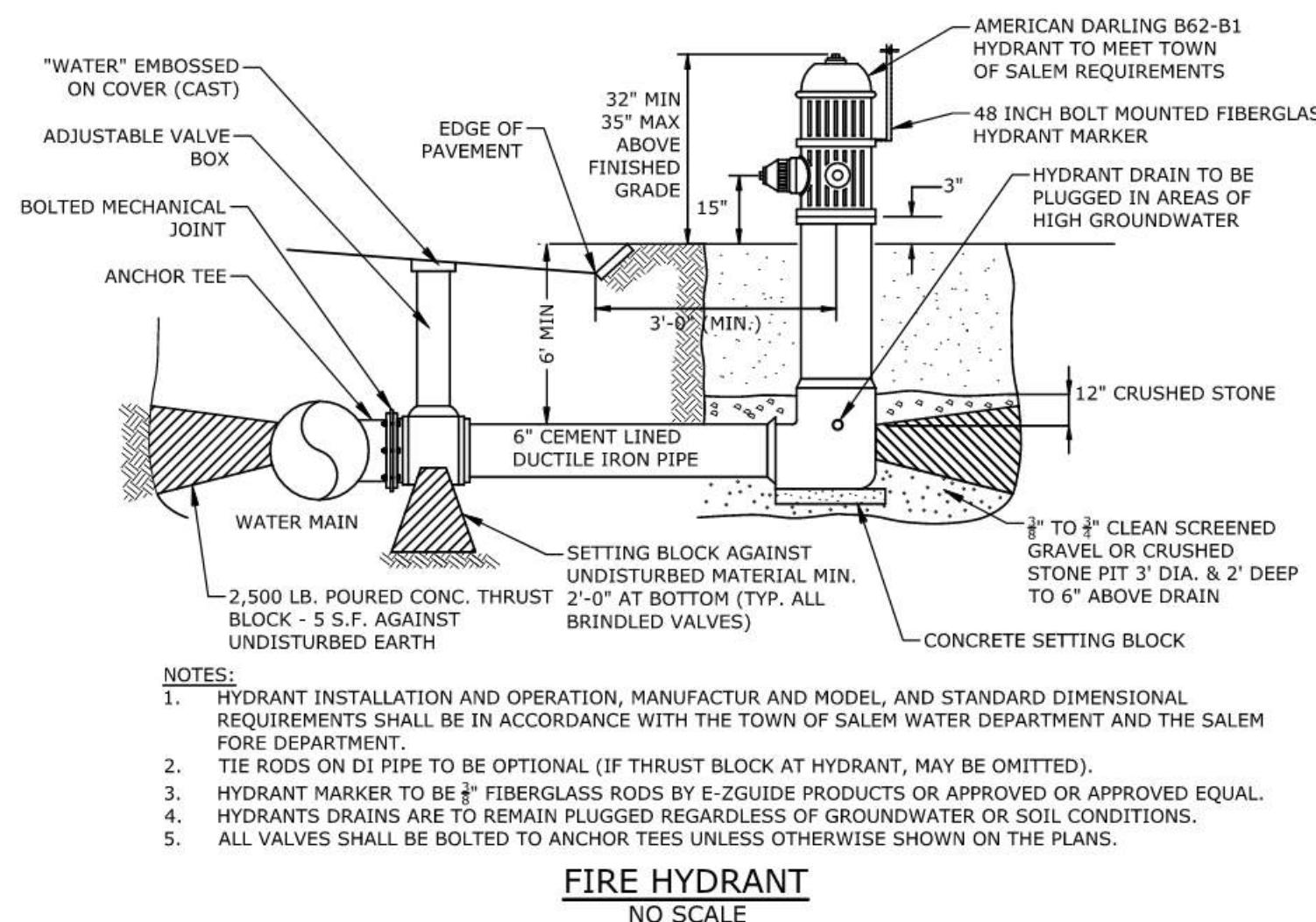
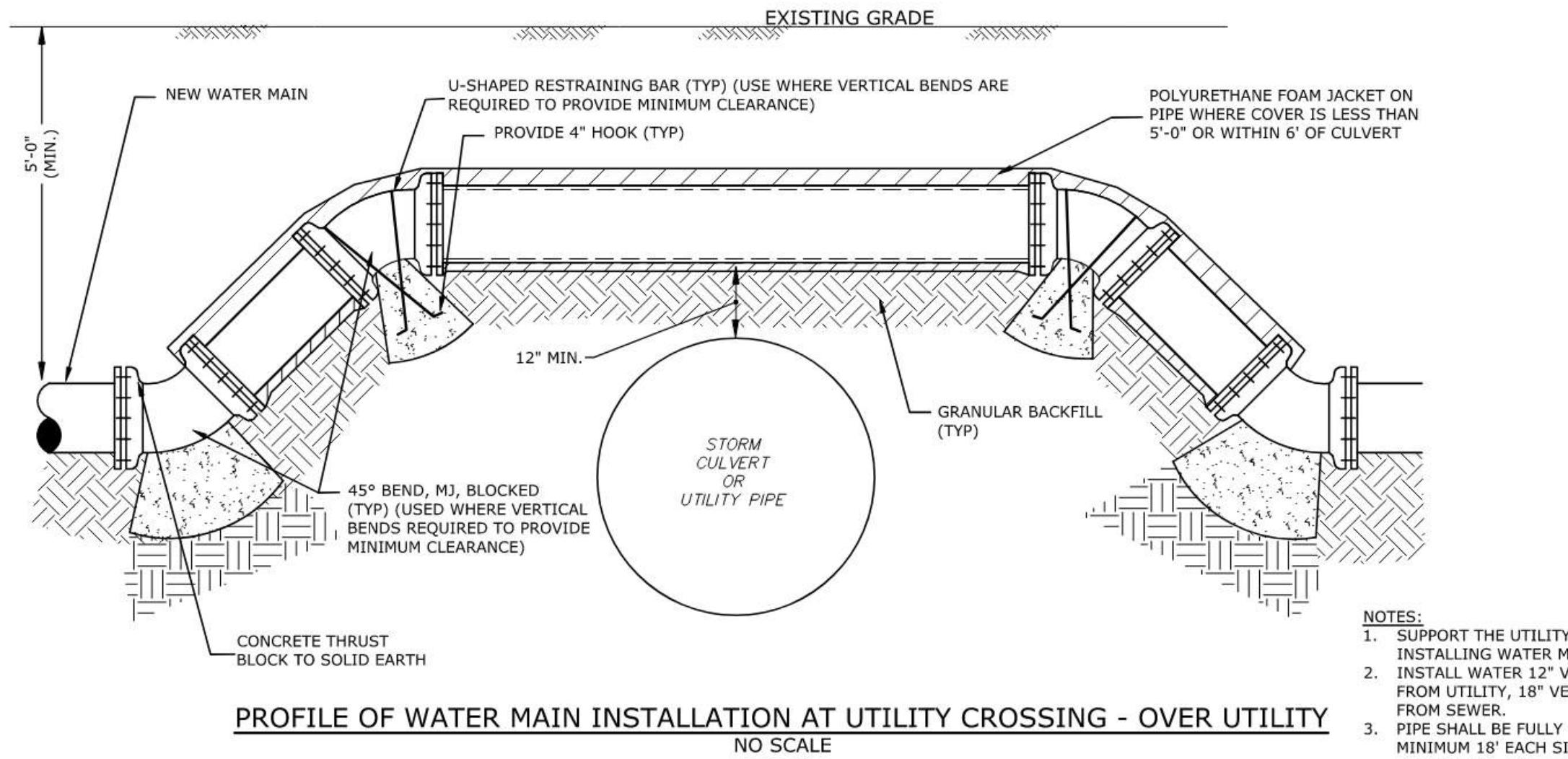
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| MARK | DATE | DESCRIPTION |
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| DETAILS SHEET | | |
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| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA MAP 108 LOT 12657 | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | | |

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|---|--------------------------------------|
| SCALE: AS SHOWN | DATE: OCTOBER 6, 2023 |
| SALEM PLANNING BOARD APPROVAL | OWNER |
| TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | |
| PROJECT NO.: M1775-0050 | FILE: M1775-0050-C-DTLS [PERMIT].dwg |
| MKF/BKC | DRAWN BY: AFS |
| JMP | CHECKED: APPROVED: SHEET: C.607 |



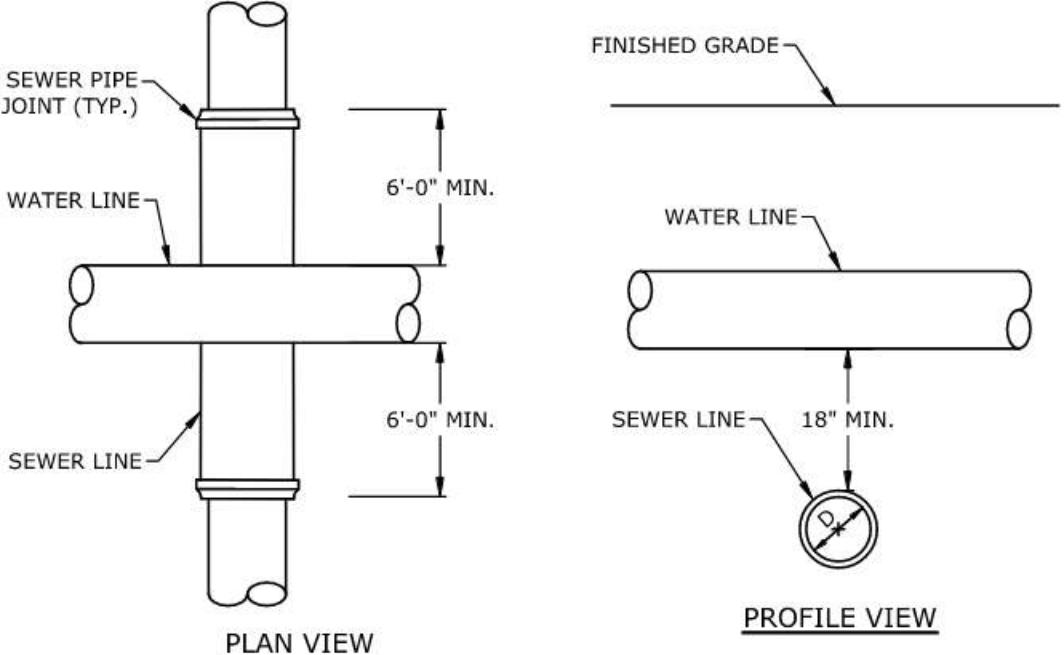
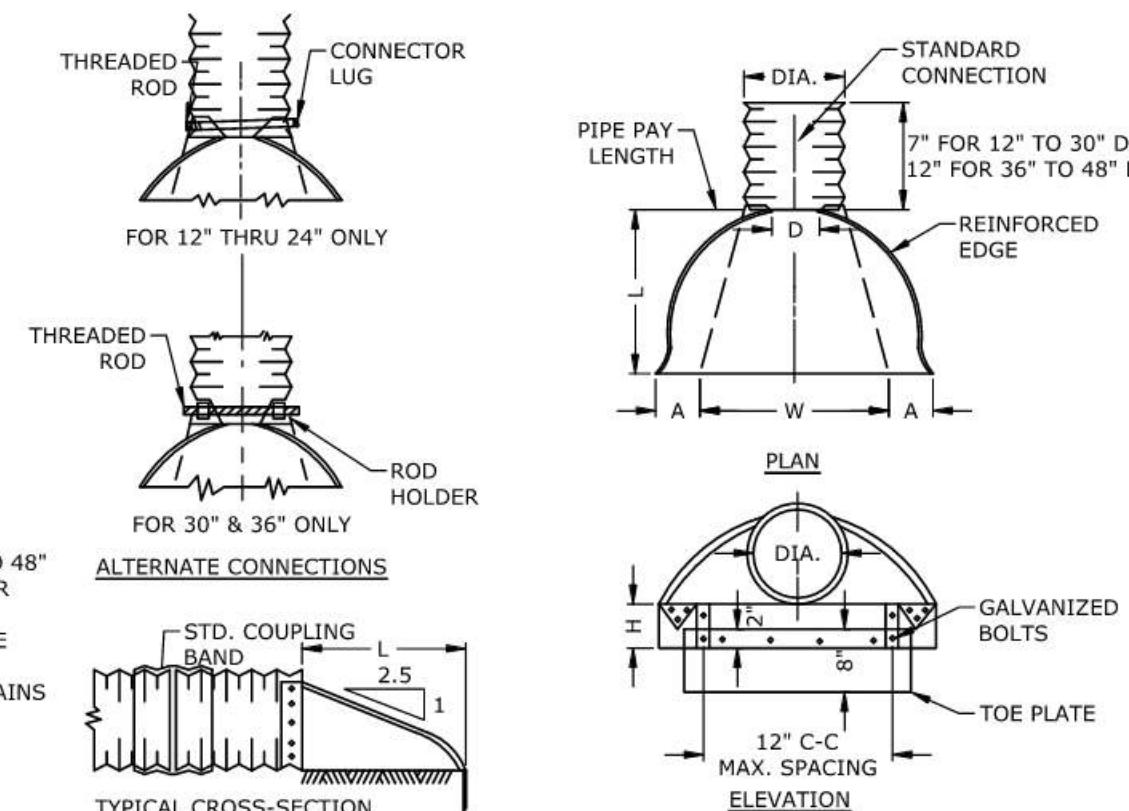
| PIPE DIA. | METAL GAGE | DIMENSIONS | | | | |
|-----------|------------|------------------|-------------|-------------|-------------|-------------|
| | | A (1" TOL.) MAX. | B (1" TOL.) | H (1" TOL.) | L (1" TOL.) | W (2" TOL.) |
| 12" | 16 | 6" | 6" | 6" | 21" | 24" |
| 15" | 16 | 7" | 8" | 6" | 26" | 30" |
| 18" | 16 | 8" | 13" | 6" | 31" | 36" |
| 24" | 16 | 10" | 16" | 6" | 41" | 48" |
| 30" | 14 | 12" | 16" | 8" | 51" | 60" |
| 36" | 14 | 14" | 19" | 9" | 60" | 72" |
| 42" | 12 | 16" | 22" | 11" | 69" | 84" |
| 48" | 12 | 18" | 27" | 12" | 78" | 90" |

NOTES:

1. END SECTION FOR 12" TO 30" DIA. PIPE IN ONE PIECE, FOR 36" TO 48" DIA. PIPE TO BE MADE FROM TWO SHEETS JOINED BY RIVETING OR BOLTING. BOLTING IS TO BE WITH STAINLESS STEEL BOLTS.
2. CORNER OR SECTION, CORNER PLATE AND TOE PLATE TO BE SAME THICKNESS AS END SECTION AND EACH TO BE GALVANIZED.
3. MEET REQUIREMENTS OF SECTION 603 CULVERTS AND STORM DRAINS OF NHDTD STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2010 EDITION, AS AMENDED

METAL FLARED END SECTION

NO SCALE

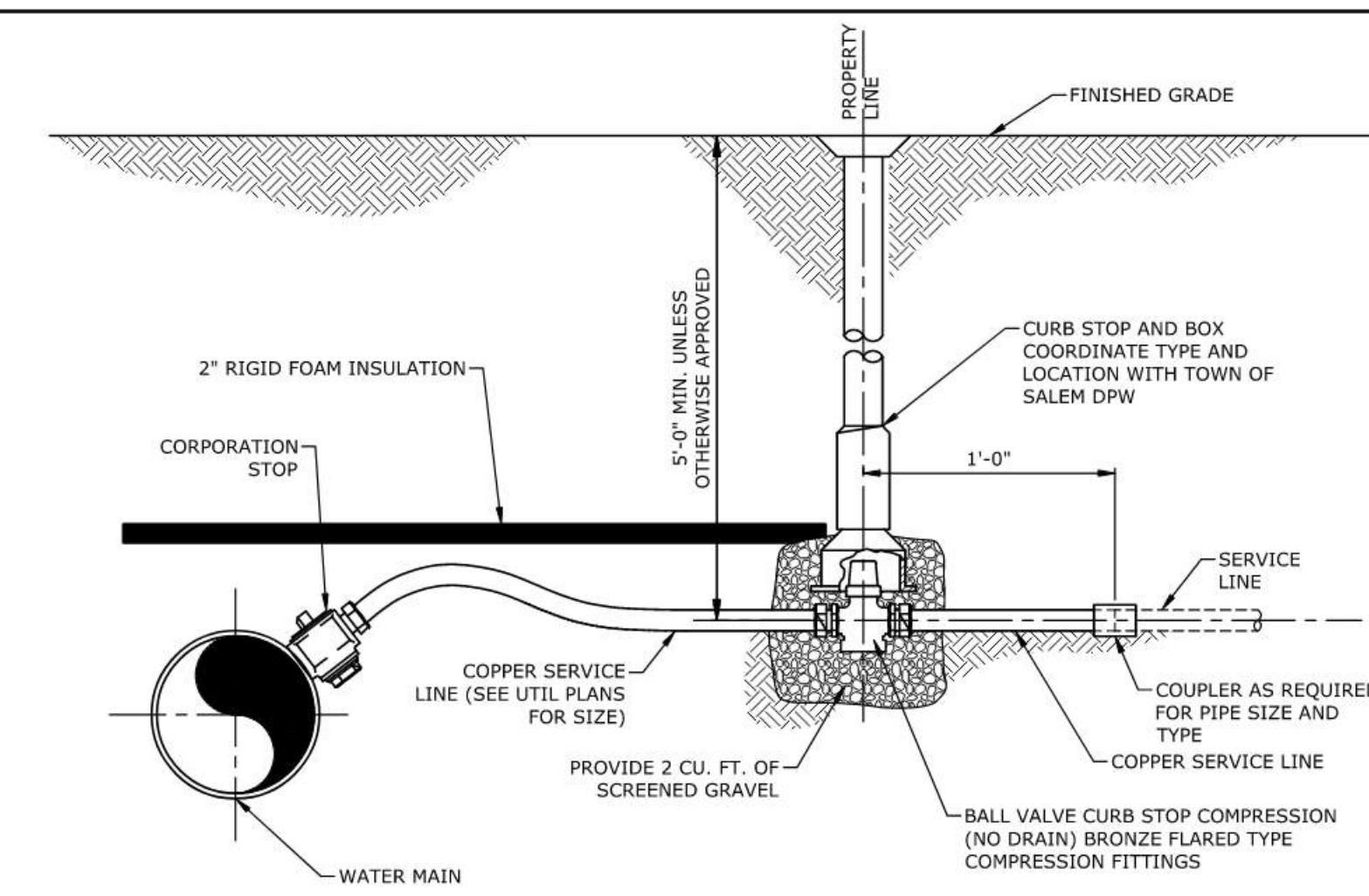


NOTES:

1. A 10 FOOT MINIMUM EDGE TO EDGE HORIZONTAL SEPARATION SHALL BE PROVIDED FROM ANY EXISTING OR PROPOSED WATER LINE.
2. AN 18" MINIMUM EDGE TO EDGE VERTICAL SEPARATION SHALL BE PROVIDED, WITH WATER ABOVE SEWER, AT ALL CROSSINGS.
3. SEWER PIPE JOINTS SHALL BE LOCATED AT LEAST 6 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN.
4. WHERE VERTICAL SEPARATION CANNOT BE PROVIDED, SEWER PIPE SHALL BE CONSTRUCTED FROM 100% PVC PIPE MEETING THE REQUIREMENTS OF SEWER FORCE MAIN STANDARDS. THE SDR26 PIPE SHALL BE USED FOR THE ENTIRE RUN BETWEEN MANHOLES ON EITHER SIDE OF CROSSING.
5. CROSSINGS SHALL CONFORM TO THE TOWN OF SALEM MUNICIPAL SERVICES DEPARTMENT STANDARDS AND SPECIFICATIONS.
6. ALL FUTURE SEWER CONNECTIONS SHALL MEET THE ABOVE REQUIREMENTS.

WATER & SEWER CROSSING

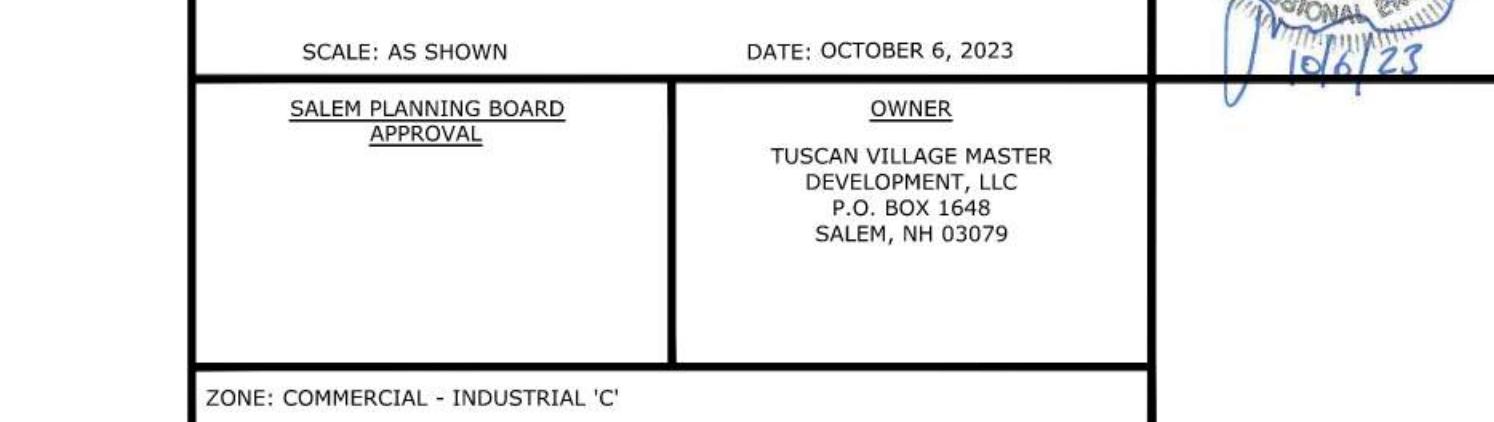
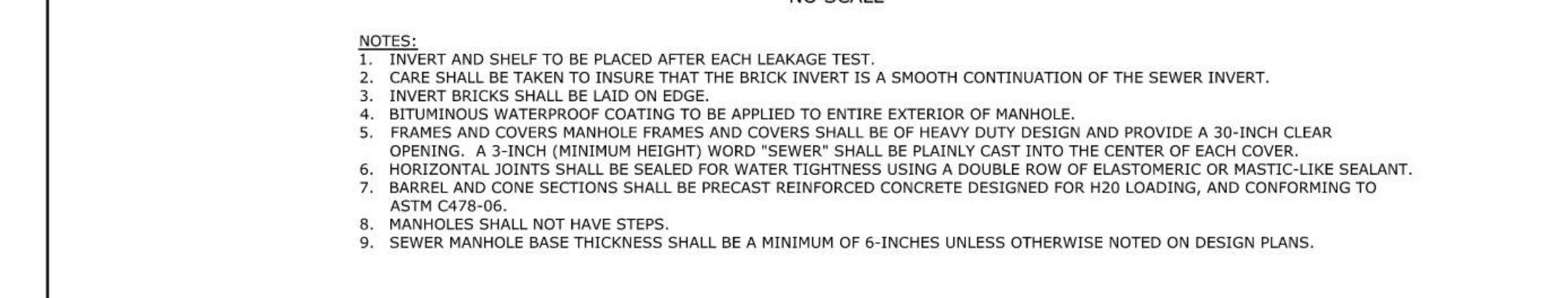
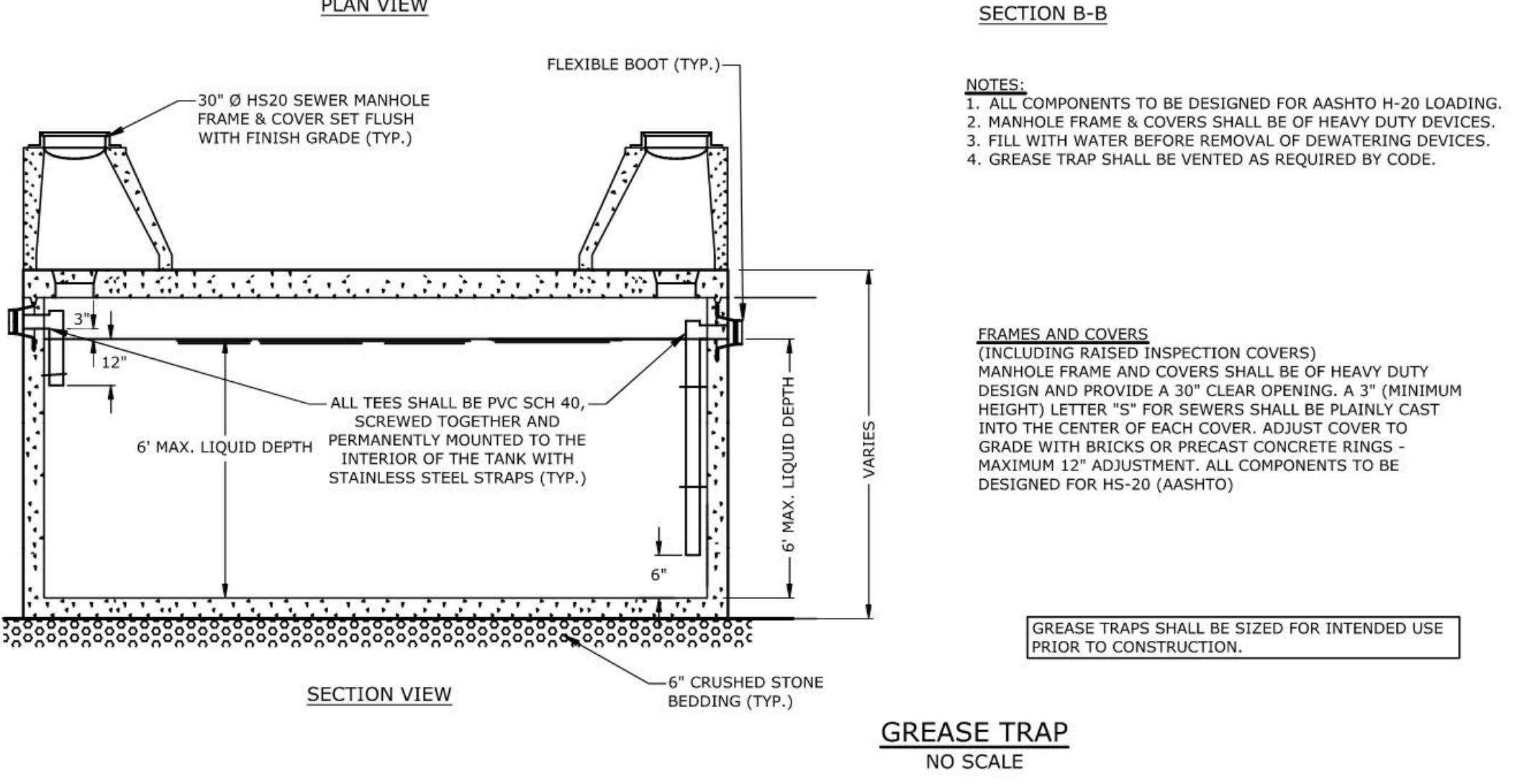
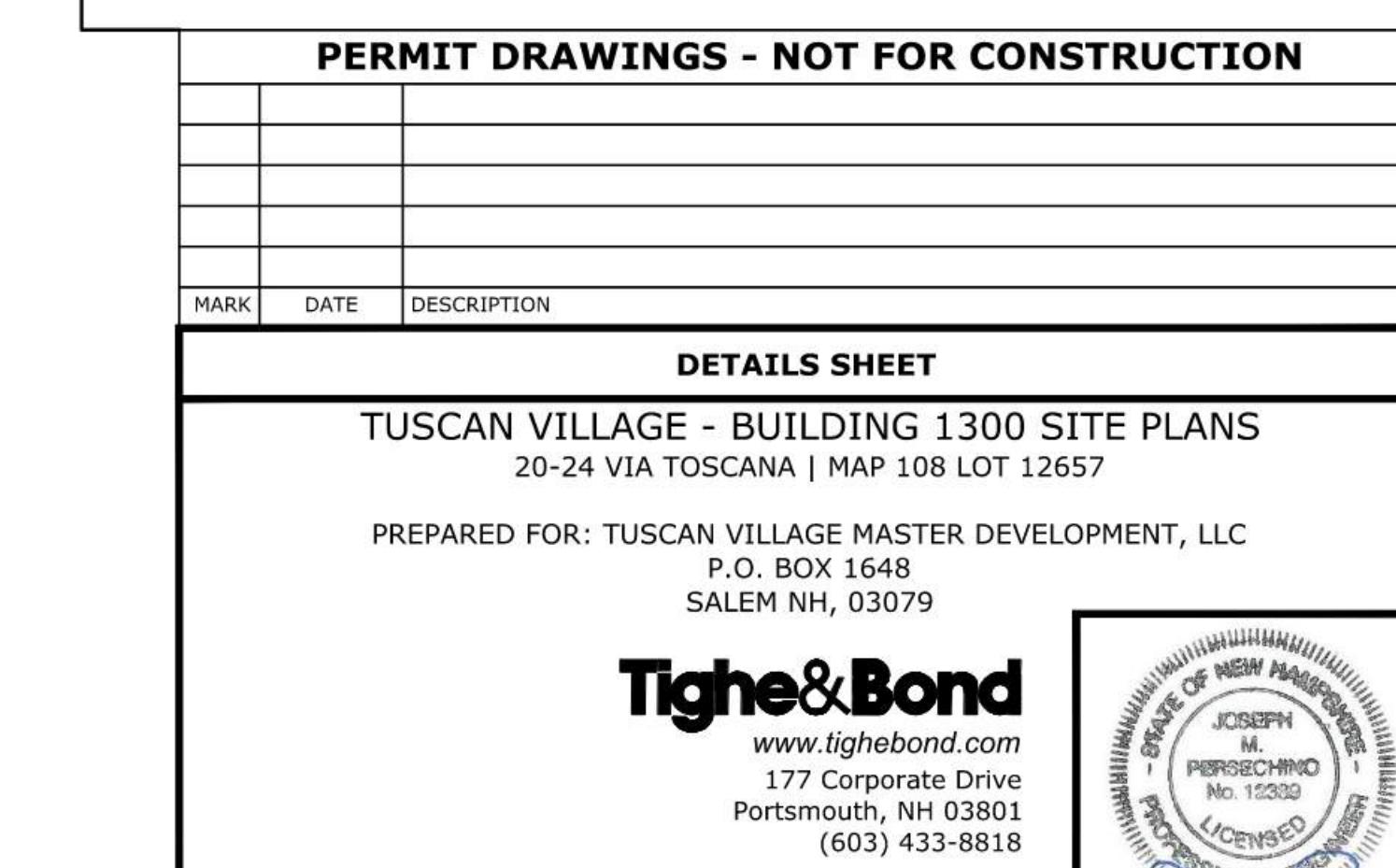
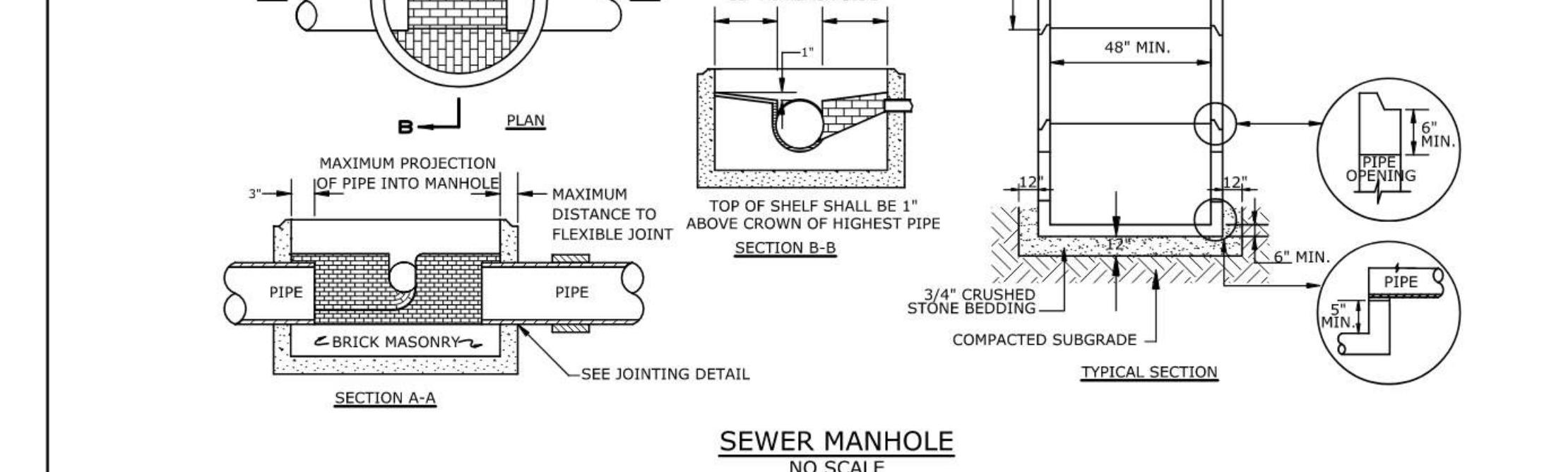
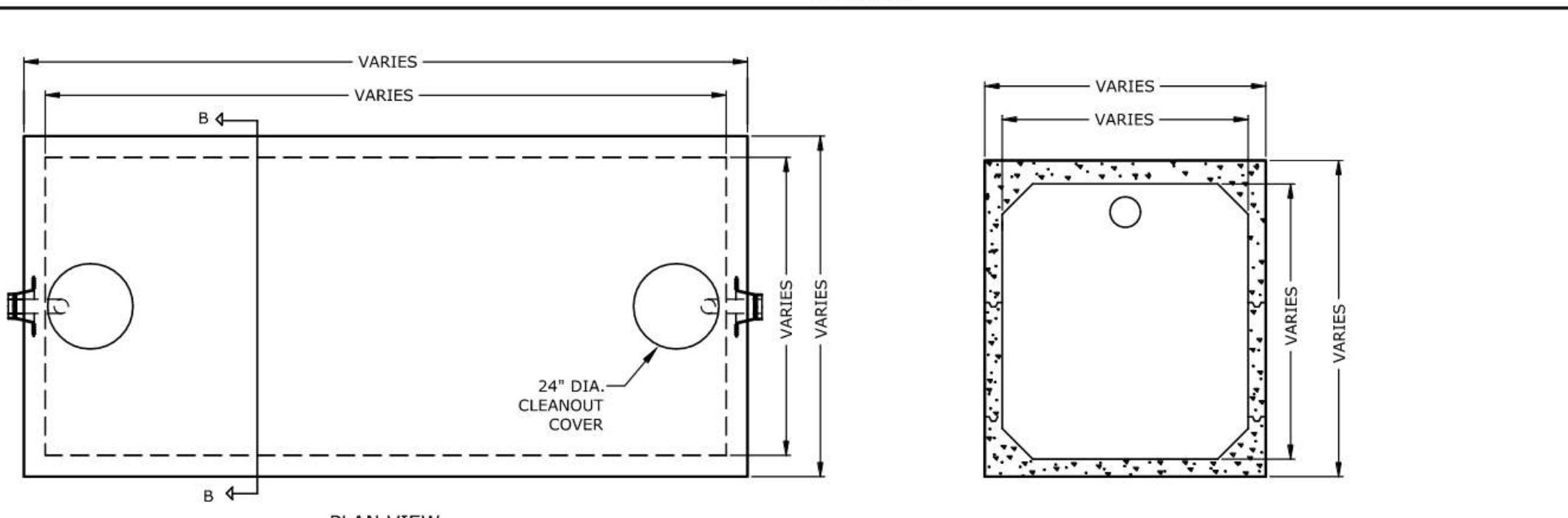
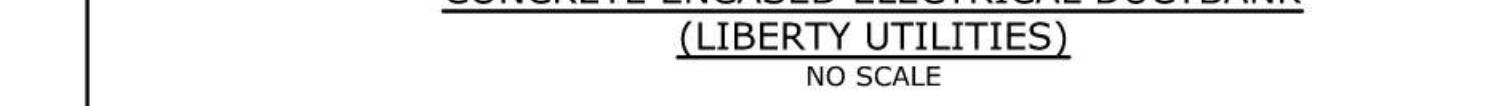
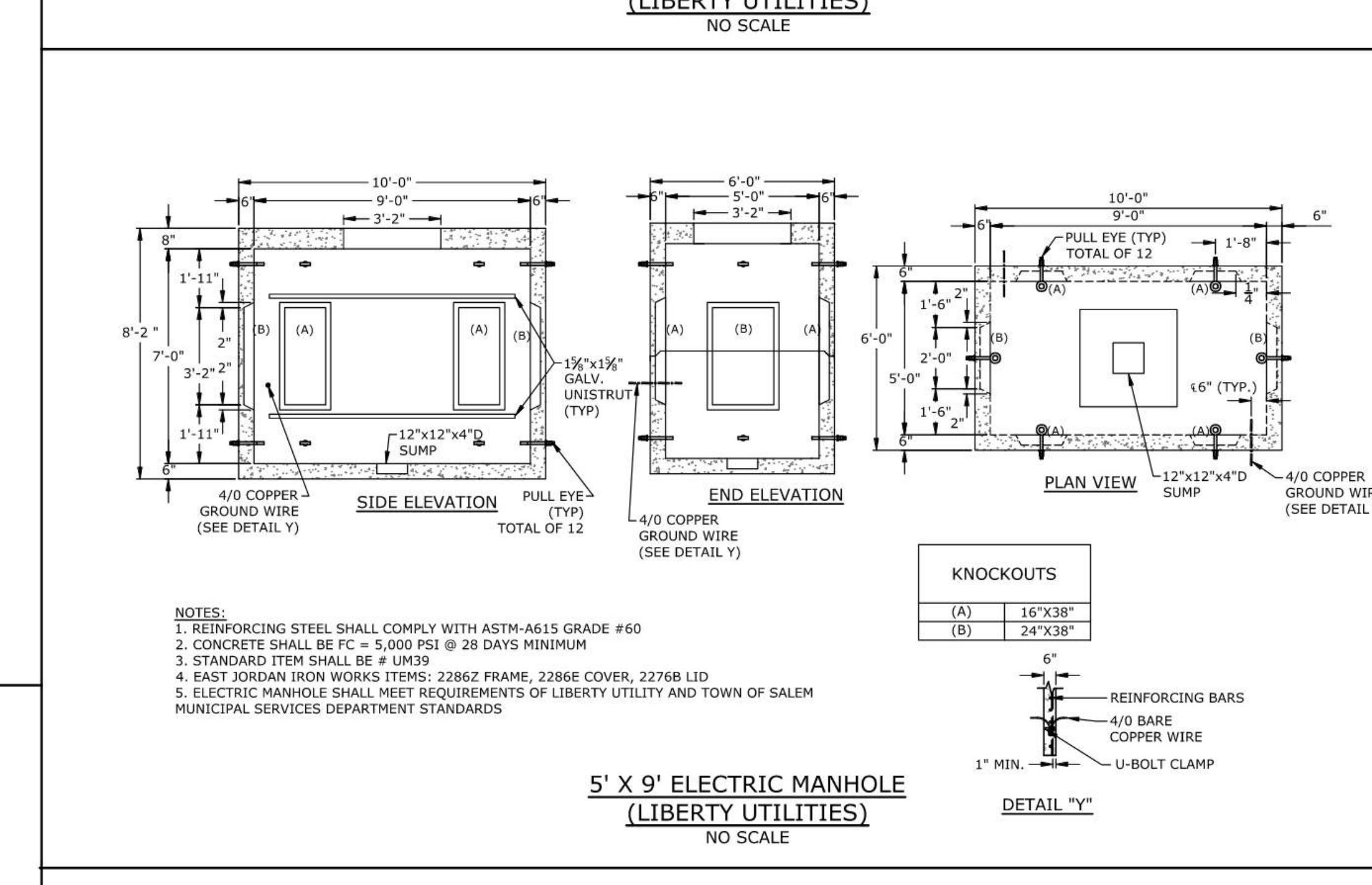
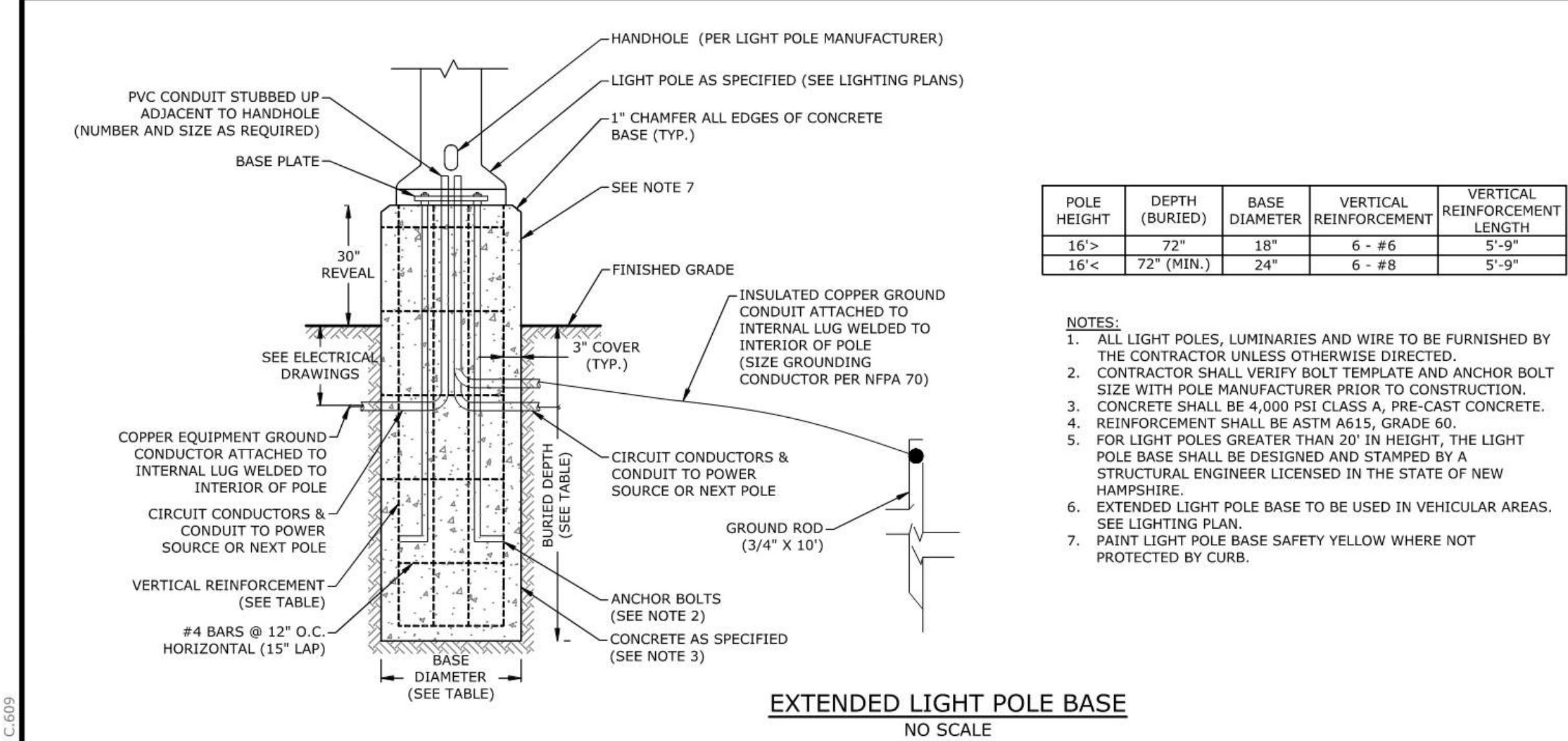
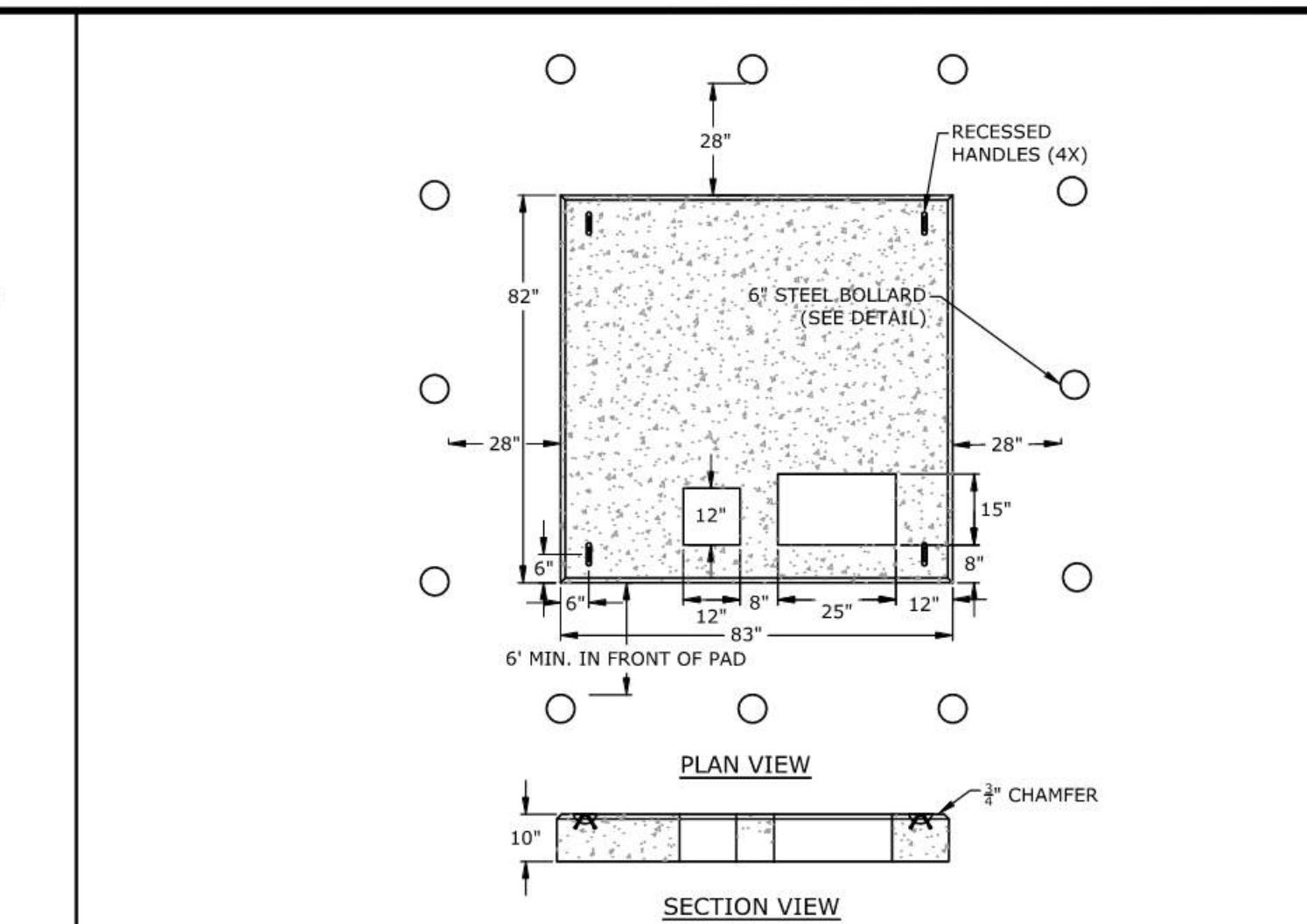
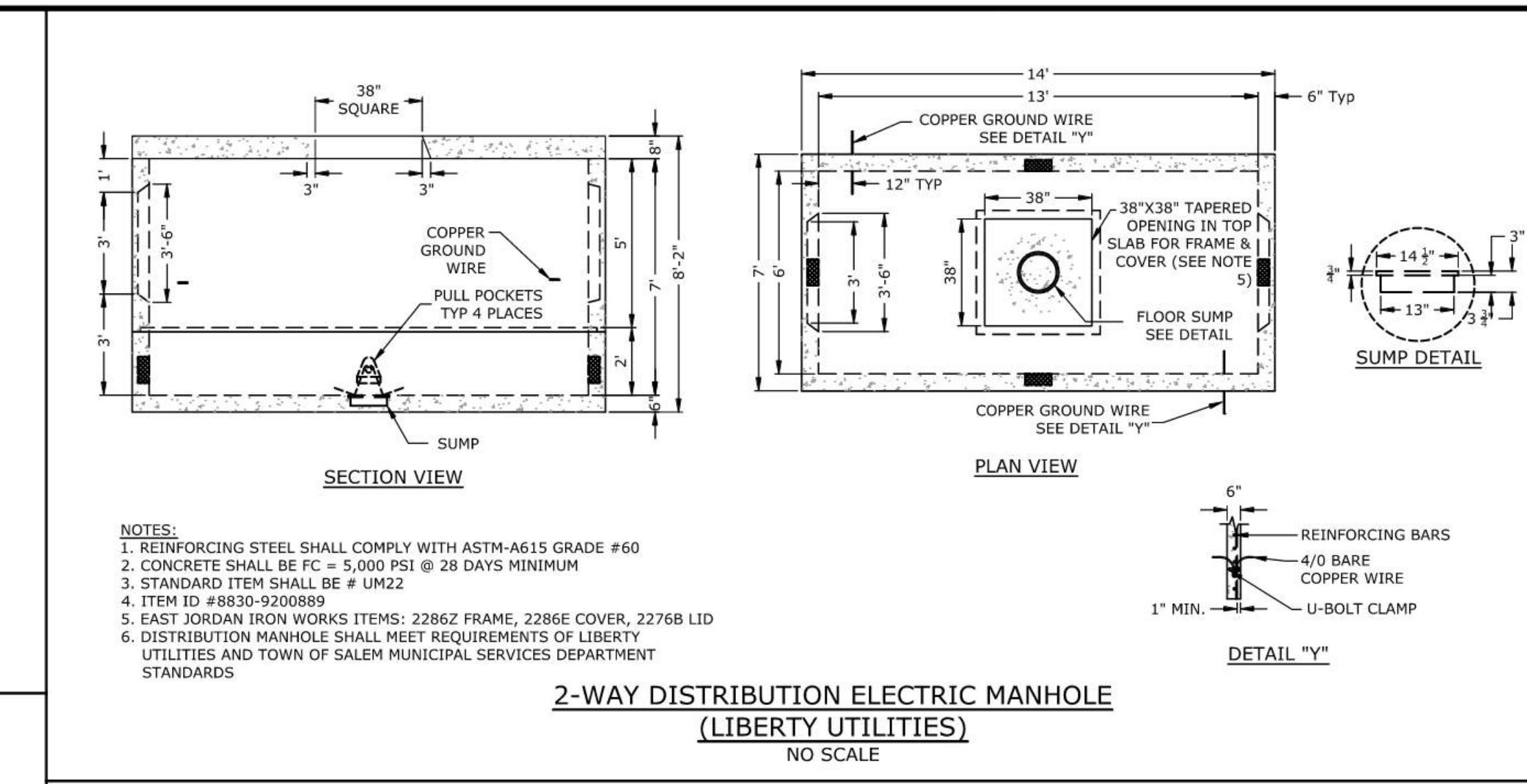
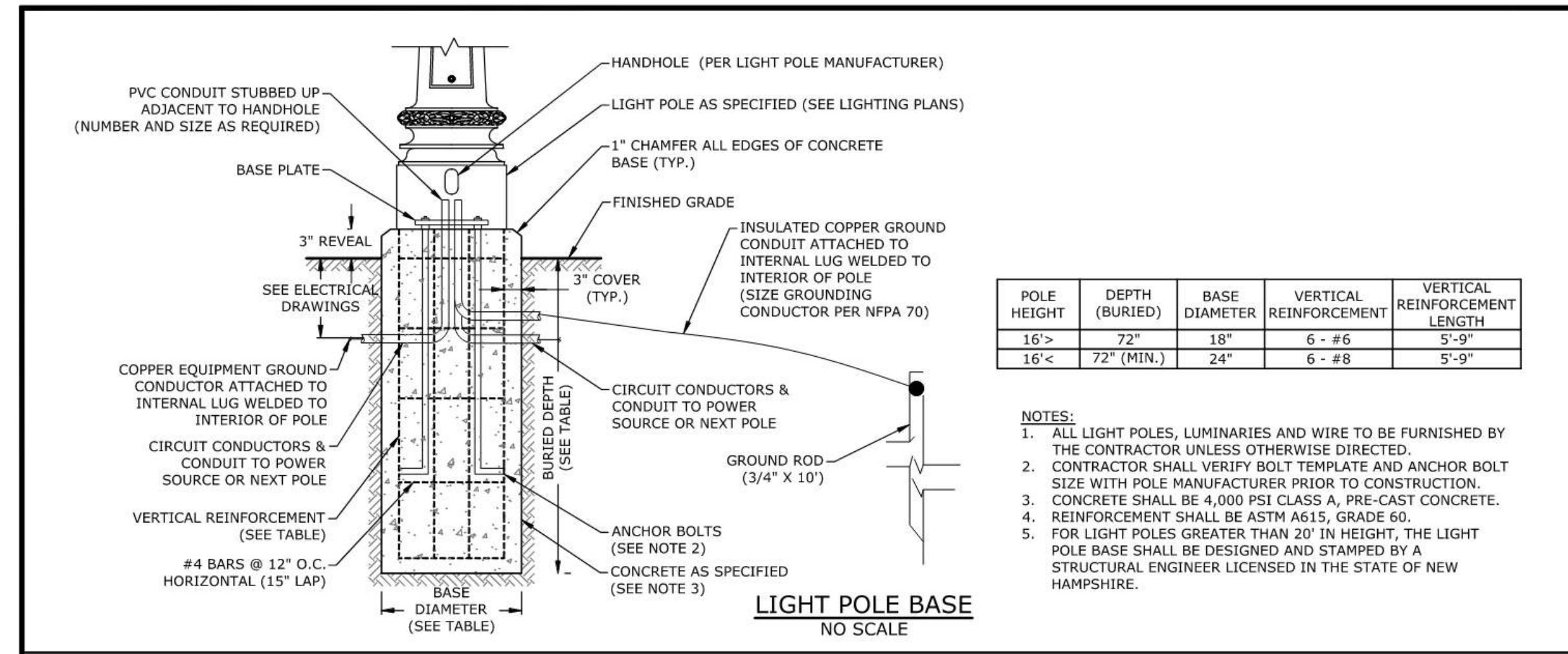
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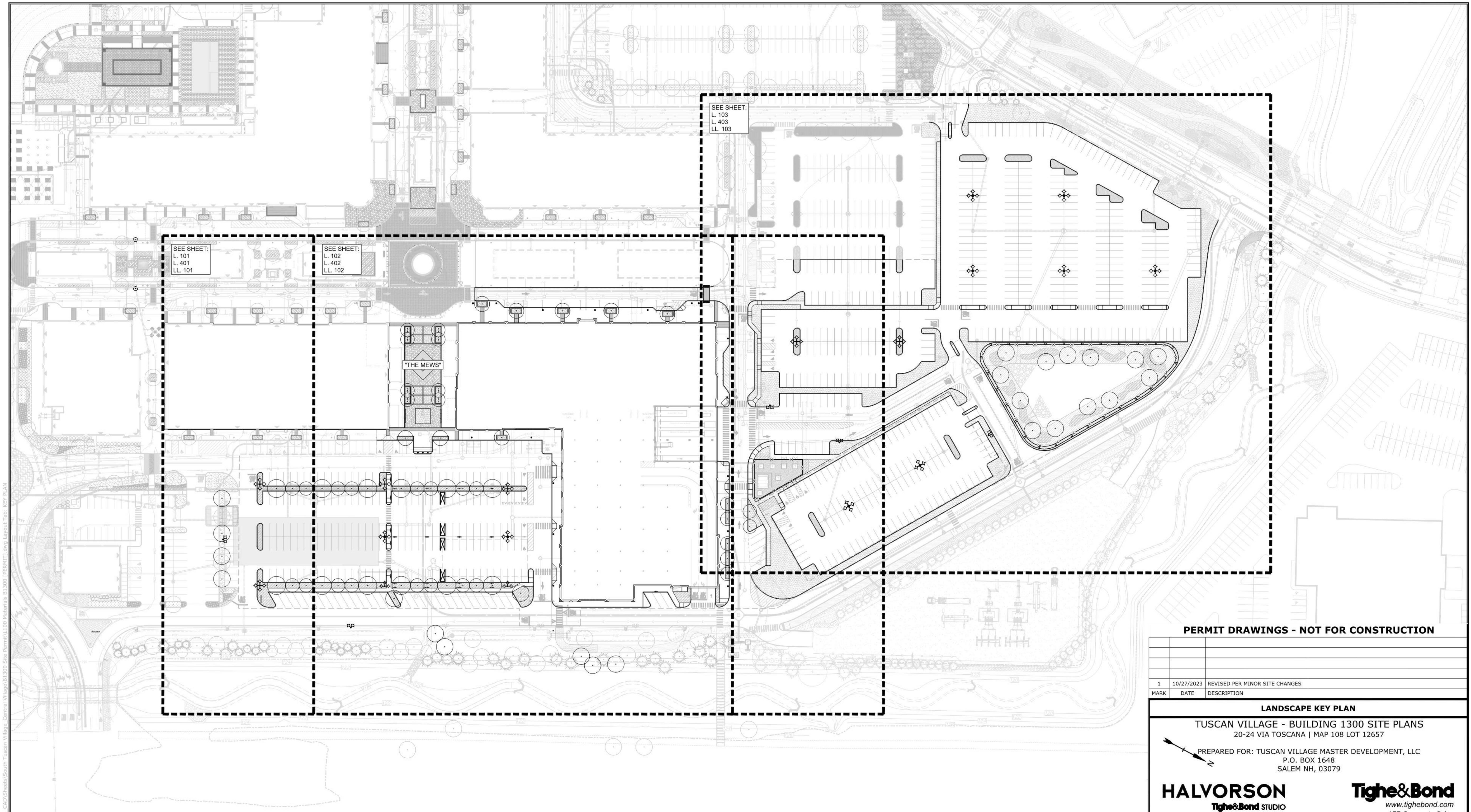


WATER SERVICE CONNECTION

NO SCALE

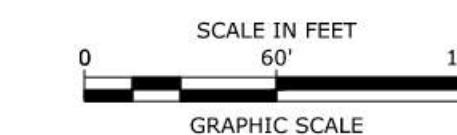
| PERMIT DRAWINGS - NOT FOR CONSTRUCTION | | |
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| MARK | DATE | DESCRIPTION |
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| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS | | |
| 20-24 VIA TOSCANA MAP 108 LOT 12657 | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC | | |
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| SALEM NH, 03079 | | |
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| www.tighebond.com | | |
| 177 Corporate Drive | | |
| Portsmouth, NH 03801 | | |
| (603) 433-8818 | | |
| PROFESSIONAL ENGINEERS | | |
| JOSEPH M. PERRONE, PE, S.E. | | |
| LICENSED NO. 12309 | | |
| 10/06/23 | | |
| SCALE: AS SHOWN | | |
| DATE: OCTOBER 6, 2023 | | |
| SALEM PLANNING BOARD APPROVAL | | OWNER |
| TUSCAN VILLAGE MASTER DEVELOPMENT, LLC | | P.O. BOX 1648 |
| SALEM NH, 03079 | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | |
| PROJECT NO: | FILE: | DRAWN BY: |
| M1775-0050 | M1775-0050-C-DTLS [PERMIT].dwg | MKF/BKC |
| | | AFS |
| | | JMP |
| APPROVED: SHEET: C.608 | | |





GENERAL NOTES

- UTILITIES ARE SHOWN FOR REFERENCE ONLY. REFER TO ENGINEERING DRAWINGS.
- FOR ADJACENT PROPOSED DEVELOPMENTS REFER TO SOUTH AND CENTRAL VILLAGE SITE PLANS AND TUSCAN VILLAGE HOTEL/LAKE PARCEL SITE PLANS AND ANY OTHER RELEVANT DEVELOPMENT PLANS.



PERMIT DRAWINGS - NOT FOR CONSTRUCTION

| MARK | DATE | DESCRIPTION |
|------|------------|--------------------------------|
| 1 | 10/27/2023 | REVISED PER MINOR SITE CHANGES |

LANDSCAPE KEY PLAN

TUSCAN VILLAGE - BUILDING 1300 SITE PLANS
20-24 VIA TOSCANA | MAP 108 LOT 12657

PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC
P.O. BOX 1648
SALEM NH, 03079

HALVORSON
Tighe&Bond STUDIO

25 KINGSTON ST, BOSTON MA 02111-2200
PHONE: 617.536.0380
WWW.HALVORSONDESIGN.COM

SCALE: AS SHOWN DATE: OCTOBER 6, 2023

| SALEM PLANNING BOARD APPROVAL | OWNER | | | | | |
|--|--------------------------|---------------|---------------|-------------|---------------|---------------|
| TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | | | | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | | | | | |
| PROJECT NO: M1775-0050 | FILE: B1300 [PERMIT].dwg | DRAWN BY: JDG | DRAWN BY: JDG | CHECKED: BU | APPROVED: JMP | SHEET: L. 000 |

Tighe&Bond
www.tighebond.com
177 Corporate Drive
Portsmouth, NH 03801
(603) 433-8818

MATERIALS LEGEND

| TAG | DESCRIPTION | DETAIL | TAG | DESCRIPTION | DETAIL | TAG | DESCRIPTION | DETAIL | TAG | DESCRIPTION | DETAIL |
|--------|--|--------|------|---|--------|------|---|--------|---|--|--------|
| PAVING | | | | CURBS & EDGING | | | STREETSCAPE FURNISHINGS | | | LIGHTING | |
| A1.1 | BITUMINOUS CONCRETE PAVING - PEDESTRIAN - SEE CIVIL DWGS | | B1.1 | 6" GRANITE VEHICULAR CURB - REVEAL - SEE CIVIL DWGS | | E1.1 | WOOD AND METAL BENCH - TYPE 1 - BACKED | | L1 | PEDESTRIAN LUMINAIRE AND POLE | |
| A1.2 | BITUMINOUS CONCRETE PAVING - VEHICULAR - SEE CIVIL DWGS | | B1.2 | 6" GRANITE VEHICULAR CURB - FLUSH - SEE CIVIL DWGS | | E1.2 | WOOD AND METAL BENCH - TYPE 1 - BACKLESS | | L2 | PEDESTRIAN BOLLARD LIGHTING | |
| A2.1 | POURED IN PLACE CONCRETE PAVING - PEDESTRIAN | | B2.1 | 4" GRANITE LANDSCAPE CURB - REVEAL | | E2 | WOOD AND METAL FEATURE SEATING | | L3 | IN-GROUND TREE UPLIGHT | |
| A2.2 | POURED IN PLACE CONCRETE PAVING - VEHICULAR | | B2.2 | 4" GRANITE LANDSCAPE CURB - FLUSH | | E3 | TRASH RECEPTACLE | | L4 | CATENARY LIGHTING - BY OTHERS | |
| A3.1 | PRECAST CONCRETE UNIT PAVER: TYPE 1 - PEDESTRIAN (BAND & RUNNING BOND FIELD) | | B3 | BITUMINOUS CONCRETE CURB - SEE CIVIL DWGS | | E4 | BIKE RACK | | L5 | OUTDOOR POWER GROUND BOX - BY OTHERS | |
| A3.2 | PRECAST CONCRETE UNIT PAVER: TYPE 2 - PEDESTRIAN (RANDOM RECTILINEAR FIELD) | | | WALLS | | E5.1 | PARKING METER (SINGLE) - BY OTHERS | | L6 | OUTDOOR POLE-MOUNTED RECEPTACLE - BY OTHERS | |
| A3.3 | PRECAST CONCRETE UNIT PAVER: TYPE 3 - PEDESTRIAN (BORDER) | | C1 | LANDSCAPE MODULAR WALL | | E5.2 | PARKING METER (DOUBLE) - BY OTHERS | | L7 | PARKING LOT LIGHTING - SEE LIGHTING PLAN | |
| A3.4 | PRECAST CONCRETE UNIT PAVERS OVER SAND BASED STRUCTURAL SOIL - PEDESTRIAN | | D1 | TEMPORARY UTILITY SCREENING FENCE - SEE CIVIL DWGS | | E6 | MOVABLE FREESTANDING PLANTERS - BY OTHERS | | | PLANTING | |
| A4.1 | PRECAST CONCRETE UNIT PAVERS: TYPE 1 - VEHICULAR (CROSSINGS) | | D2 | BLACK VINYL CHAIN LINK FENCE - SEE CIVIL DWGS | | E7 | DIGITAL DIRECTORY - BY OTHERS | | P1 | SEEDED LAWN | |
| A4.2 | PRECAST CONCRETE UNIT PAVERS: TYPE 2 - VEHICULAR (HERRINGBONE FIELD) | | D3 | METAL GUARDRAIL - SEE CIVIL DWGS | | E8 | PET WASTE STATION | | P2 | PLANTING BED | |
| A4.3 | PRECAST CONCRETE UNIT PAVERS: TYPE 2 - VEHICULAR (RANDOM RECTILINEAR FIELD) | | | | | E9 | VEHICULAR BOLLARD - REMOVABLE | | P3.1 | DECIDUOUS TREE: FLUSH STREETSCAPE TREE PLANTER | |
| A4.4 | PRECAST CONCRETE UNIT PAVERS: TYPE 3 - VEHICULAR (BORDER) | | | | | | | P3.2 | DECIDUOUS TREE: PLANTING BED OR LAWN AT GRADE | | |
| A5 | RESILIENT PLAY AREA SURFACING | | | | | F1 | ENTRANCE SIGN - BY OTHERS | | P3.3 | DECIDUOUS TREE: RAISED PLANTER | |
| A6.1 | EXPOSED AGGREGATE CONCRETE PAVING - LIGHT | | | | | F2 | CENTRAL PLAZA FEATURE - BY OTHERS | | P3.4 | DECIDUOUS TREE: SLOPE CONDITION | |
| A6.2 | EXPOSED AGGREGATE CONCRETE PAVING - DARK | | | | | | | P4 | SHRUB PLANTING ON SLOPE | | |
| A7 | ACCESSIBLE TIP DOWN RAMP - SEE CIVIL DRAWINGS | | | | | | | P5 | DETENTION BASIN SEED MIX - SEE PLANTING PLAN | | |
| A8 | DETECTABLE WARNING PLATE | | | | | | | | | | |
| A9 | ROUNDED STONE - MATCH EXISTING TEMP. PARKING | | | | | | | | | | |
| A10 | CRUSHED GRAVEL AT UTILITY YARD | | | | | | | | | | |

NOTE: LANDSCAPE AREAS AND STREETSCAPE TREES TO BE IRRIGATED WITH AUTOMATED IRRIGATION SYSTEM.

PLANTING LEGEND



GENERAL NOTES

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PERMIT DRAWINGS - NOT FOR CONSTRUCTION

| | |
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| | |
| 1 | 10/27/2023 REVISED PER MINOR SITE CHANGES |

LANDSCAPE MATERIAL LEGEND

TUSCAN VILLAGE - BUILDING 1300 SITE PLANS
20-24 VIA TOSCANA | MAP 108 LOT 12657

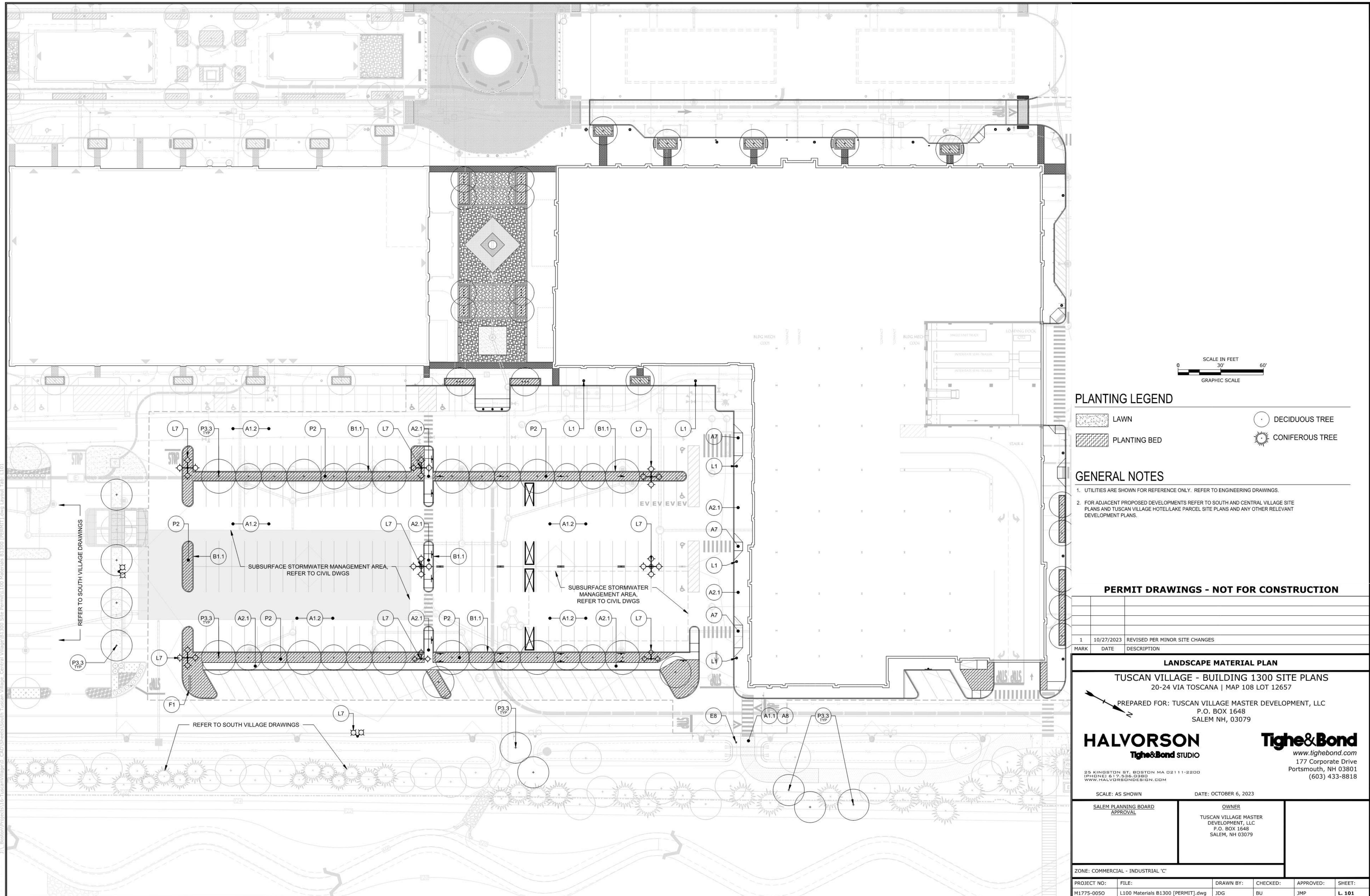
PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC
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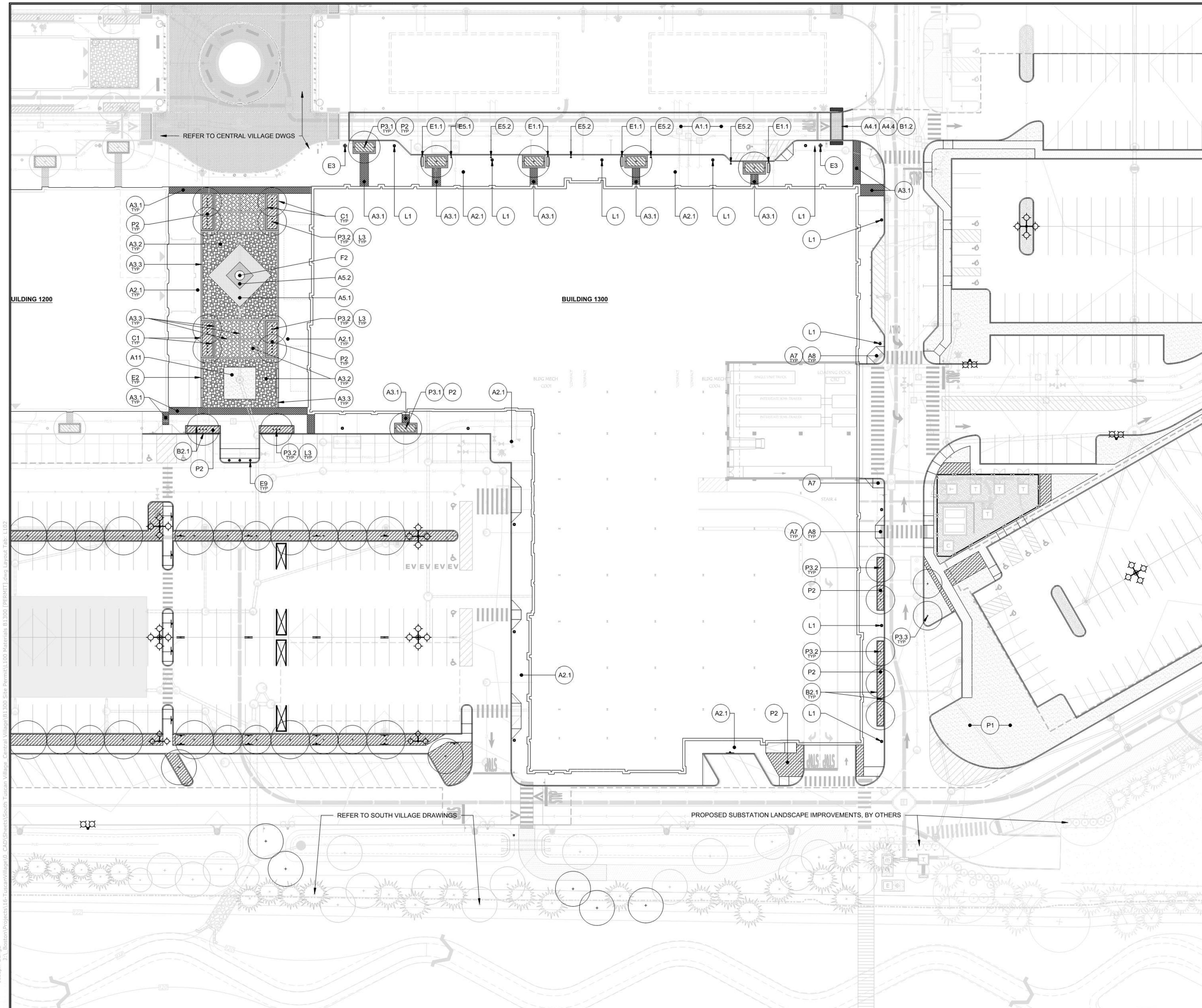
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| ZONE: COMMERCIAL - INDUSTRIAL 'C' | |
| PROJECT NO: | FILE: |
| M1775-0050 | L100 Materials B1300 [PERMIT].dwg |
| DRAWN BY: | CHECKED: |
| JDG | BU |
| APPROVED: | SHEET: |
| JMP | L. 100 |





PLANTING LEGEND

| | |
|--------------|-----------------|
| LAWN | DECIDUOUS TREE |
| PLANTING BED | CONIFEROUS TREE |

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LANDSCAPE MATERIAL PLAN

| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANO MAP 108 LOT 12657 | |
|--|--|
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | |

| | | | |
|--|--|--|---------------|
| HALVORSON Tighe&Bond STUDIO | | Tighe&Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | |
| 25 KINGSTON ST, BOSTON MA 02111-2200 PHONE: 617.536.0380 www.halvorsondesign.com | | SCALE: AS SHOWN DATE: OCTOBER 6, 2023 | |
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| PROJECT NO.: M1775-0050 | | FILE: L100 Materials B1300 [PERMIT].dwg | DRAWN BY: JDG |
| | | DRAWN BY: BU | CHECKED: JMP |
| | | APPROVED: L. 102 | SHEET: |

| PLANT SCHEDULE | | | | | | |
|--|----------|---|-----------------------------|--------------|----------|-----------------|
| Symbol | Quantity | Botanical Name | Common Name | Size | Spacing | Notes |
| TREES | | | | | | |
| AC FR | 4 | <i>Acer x freemanii 'Jeffersred'</i> | Autumn Blaze Maple | 3.5-4" cal. | See Plan | B&B; Matched |
| AC OG | 15 | <i>Acer rubrum 'October Glory'</i> | October Glory Red Maple | 3.5-4" cal. | See Plan | B&B; Matched |
| GL TR | 24 | <i>Gleditsia triacanthos 'Shademaster'</i> | Honey Locust | 3.5-4" cal. | See Plan | B&B; Matched |
| LI ST | 5 | <i>Liquidambar styraciflua 'Worplesdon'</i> | Worplesdon Sweetgum | 3.5-4" cal. | See Plan | B&B; Matched |
| LI TU | 5 | <i>Liriodendron tulipifera 'Little Volunteer'</i> | Little Volunteer Tulip Tree | 3.5-4" cal. | See Plan | B&B; Matched |
| NY SY | 3 | <i>Nyssa sylvatica</i> | Black Gum | 2.5-3" cal. | See Plan | B&B; Matched |
| PL AC | 1 | <i>Platanus acerifolia 'Morton Circle'</i> | Exclamation Plantree | 3.5-4" cal. | See Plan | B&B; Matched |
| TH ST | 20 | <i>Thuja plicata x standishii 'Virginian'</i> | Baby Giant Arborvitae | 4-5' ht | See Plan | B&B; Matched |
| QU BI | 6 | <i>Quercus bicolor</i> | Swamp White Oak | 3.5-4" cal. | See Plan | B&B; Matched |
| UL PA | 12 | <i>Ulmus americana 'Princeton'</i> | Princeton Elm | 3.5-4" cal. | See Plan | B&B; Matched |
| SHRUBS | | | | | | |
| Bu Gr | 48 | <i>Buxus x 'Green Gem'</i> | Green Gem Boxwood | #5 container | 30" O.C. | Min size 24" ht |
| Co Se | 105 | <i>Cornus sericea</i> | Redtwig Dogwood | Bareroot | 36" O.C. | Min size 24" ht |
| Ha Vi | 16 | <i>Hamamelis virginiana</i> | Witch Hazel | Bareroot | 96" O.C. | Min size 30" ht |
| Il Gl | 86 | <i>Ilex Glabra 'Dense'</i> | Dense Inkberry | #5 container | 30" O.C. | Min size 30" ht |
| Ju Ho | 20 | <i>Juniperus horizontalis 'Bar Harbor'</i> | Bar Harbor Juniper | #7 container | 24" O.C. | Min size 18" ht |
| Rh Ar | 160 | <i>Rhus aromatica 'Grow Low'</i> | Grow Low Fragrant Sumac | #3 container | 30" O.C. | Min size 24" ht |
| Rh Ty | 13 | <i>Rhus typhina</i> | Staghorn Sumac | Bareroot | 96" O.C. | Min size 30" ht |
| Rh Vi | 14 | <i>Rhododendron viscosum</i> | Swamp Azalea | Bareroot | 96" O.C. | Min size 30" ht |
| Ta Cu | 14 | <i>Taxus x media 'Hicksii'</i> | Hicksii Yew | #7 container | 48" O.C. | Min size 30" ht |
| GRASSES, GROUNDCOVER , PERENNIALS AND BULBS | | | | | | |
| am bl | 20 | <i>Amsonia x 'Blue Ice'</i> | Blue Star Flower | #2 container | 12" O.C. | |
| am ta | 135 | <i>Amsonia tabernaemontana 'Walter'</i> | Eastern Blue Star | #2 container | 30" O.C. | |
| ba au | 40 | <i>Baptisia australis</i> | Blue False Indigo | #3 Container | 24" O.C. | |
| ca ac | 59 | <i>Calamagrostis x Acutiflora 'Karl Foerster'</i> | Karl Foerster Grass | #3 container | 30" O.C. | |
| ec pu | 5 | <i>Echinacea purpurea</i> | Purple Cone Flower | #1 container | 18" O.C. | |
| ge ro | 18 | <i>Geranium x 'Rozanne'</i> | Rozanne Cranesbill | #1 container | 18" O.C. | |
| he fr | 94 | <i>Hemerocallis 'Fragrant Returns'</i> | Fragrant Returns Daylily | #2 container | 18" O.C. | |
| li sp | 566 | <i>Liriope spicata</i> | Creeping Liriope | #1 container | 12" O.C. | |
| mi si | 18 | <i>Miscanthus sinensis 'Gracillimus'</i> | Maiden Grass | #3 container | 24" O.C. | |
| ne wl | 20 | <i>Nepeta x fassennii 'Walkers Low'</i> | Walkers Low Catmint | #1 container | 18" O.C. | |
| pa vi | 104 | <i>Panicum virgatum</i> | Switchgrass | #3 container | 24" O.C. | |
| pe ha | 18 | <i>Pennisetum alopecuroides 'Hamelin'</i> | Dwarf Fountain Grass | #3 container | 36" O.C. | |
| pe li | 170 | <i>Pervovskia 'Little Spire'</i> | Russian Sage | #1 container | 30" O.C. | |
| ru fu | 32 | <i>Rudbeckia fulgida 'Goldstrum'</i> | Black eyed Susan | #1 container | 18" O.C. | |
| sa mn | 20 | <i>Salvia 'May Night'</i> | May Night Salvia | #2 container | 18" O.C. | |
| sa ne | 20 | <i>Salvia nemorosa 'Wesuwe'</i> | Wesuwe Salvia | #2 container | 24" O.C. | |
| se au | 77 | <i>Sesleria autumnalis</i> | Autumn moor grass | #2 container | 15" O.C. | |
| SEEDING | | | | | | |
| Type | | | Quantity | | Notes | |
| Lawn Seed | | | See Plan | | | |
| Retention Basin Wildlife Mix (ERNMX-127) by Ernst Conservation Seeds (Retention Basin) | | | | | | |
| 1,200 sf | | | | | | |

PLANTING LEGEND

| | |
|--|---------------------------------------|
| | LAWN |
| | DECIDUOUS TREE |
| | CONIFEROUS TREE |
| | PERENNIALS / ORNAMENTAL GRASSES |
| | SHRUBS |

GENERAL NOTES

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PLANTING NOTES

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2. NO SUBSTITUTIONS OF PLANT SPECIES WITHOUT LANDSCAPE ARCHITECT'S WRITTEN APPROVAL.
3. SUBSTITUTIONS OF PLANT SPECIES SHALL BE A PLANT OF EQUIVALENT OVERALL FORM, HEIGHT AND BRANCHING HABIT, FLOWER, LEAF AND FRUIT, COLOR AND TIME OF BLOOM, AS APPROVED OF BY LANDSCAPE ARCHITECT.
4. LOCATE AND VERIFY UTILITY LINE LOCATIONS PRIOR TO STAKING AND REPORT CONFLICT TO LANDSCAPE ARCHITECT.
5. PLANTING DEMOLITION DEBRIS, GARBAGE, LUMPS OF CONCRETE, STEEL AND OTHER MATERIALS DELETERIOUS TO PLANT'S HEALTH AS DETERMINED BY LANDSCAPE ARCHITECT SHALL BE REMOVED FROM ALL PLANTING AREAS.
6. NO PLANTING TO BE INSTALLED BEFORE ACCEPTANCE OF ROUGH GRADING.
7. ALL PROPOSED TREE LOCATIONS SHALL BE STAKED OR LAID OUT IN THEIR APPROXIMATE LOCATION BY THE CONTRACTOR. REFER TO LAYOUT AND PLANTING SHEETS FOR LAYOUT INFORMATION. THE CONTRACTOR SHALL ADJUST THE LOCATIONS AS REQUESTED BY THE LANDSCAPE ARCHITECT TO ACCOUNT FOR SUBSURFACE UTILITIES AND OTHER FIELD CONDITIONS. FINAL LOCATIONS OF ALL PLANTS MUST BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLANTING.
8. INSTALL PLANTS WITH ROOT FLARES FLUSH WITH FINISHED GRADE. IMMEDIATELY REPLANT PLANTS THAT SETTLE OUT OF PLUMB OR BELOW FINISHED GRADE.
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10. WATER PLANTS THOROUGHLY AFTER INSTALLATION, A MINIMUM OF TWICE WITHIN THE FIRST 24 HOURS.
11. REPAIR DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF LIMIT OF WORK.

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

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| | |
| | |
| 1 | 10/27/2023 |
| MARK | DATE |
| | DESCRIPTION |

PLANT SCHEDULE

TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA | MAP 108 LOT 12657

PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC
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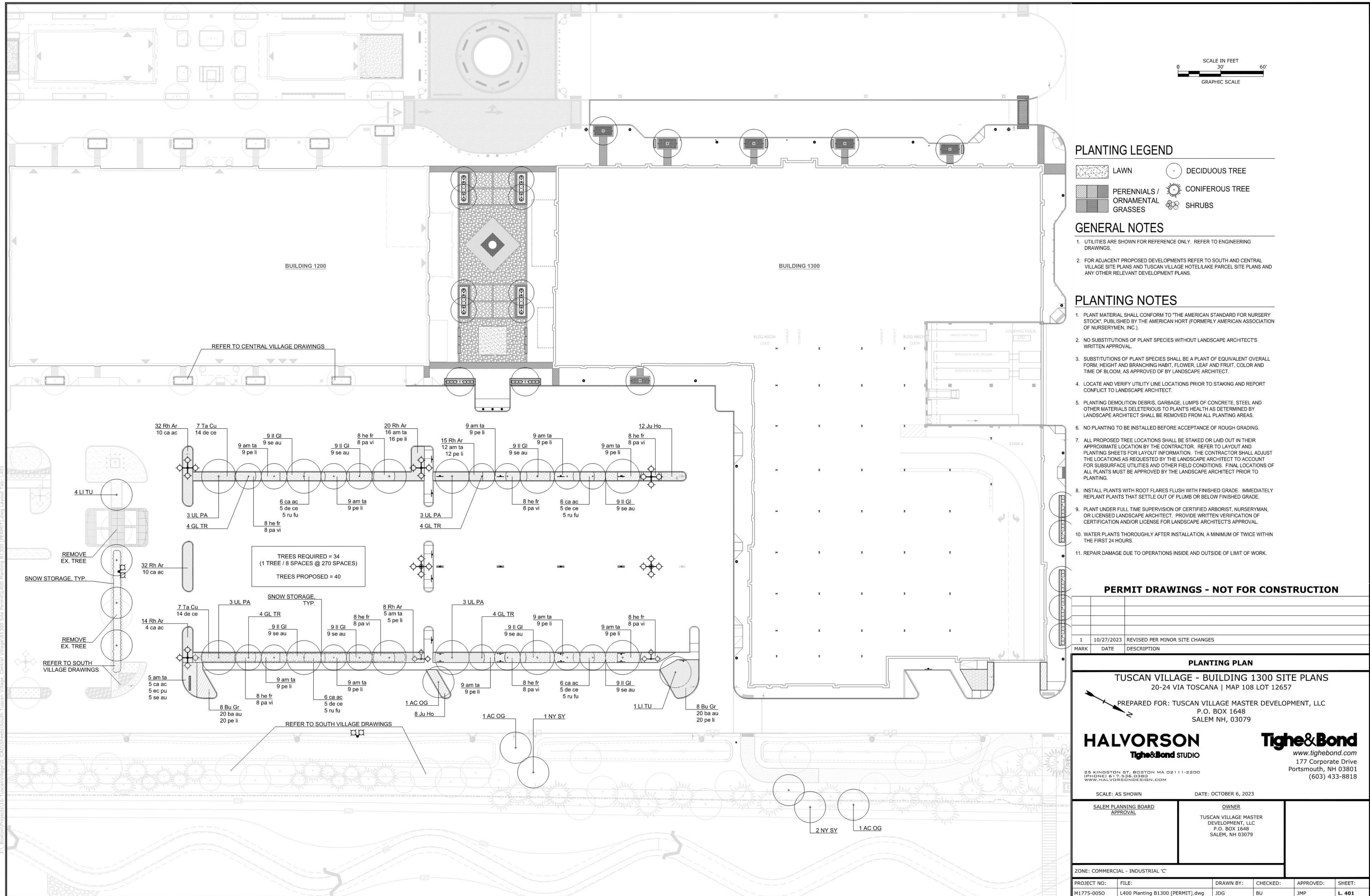
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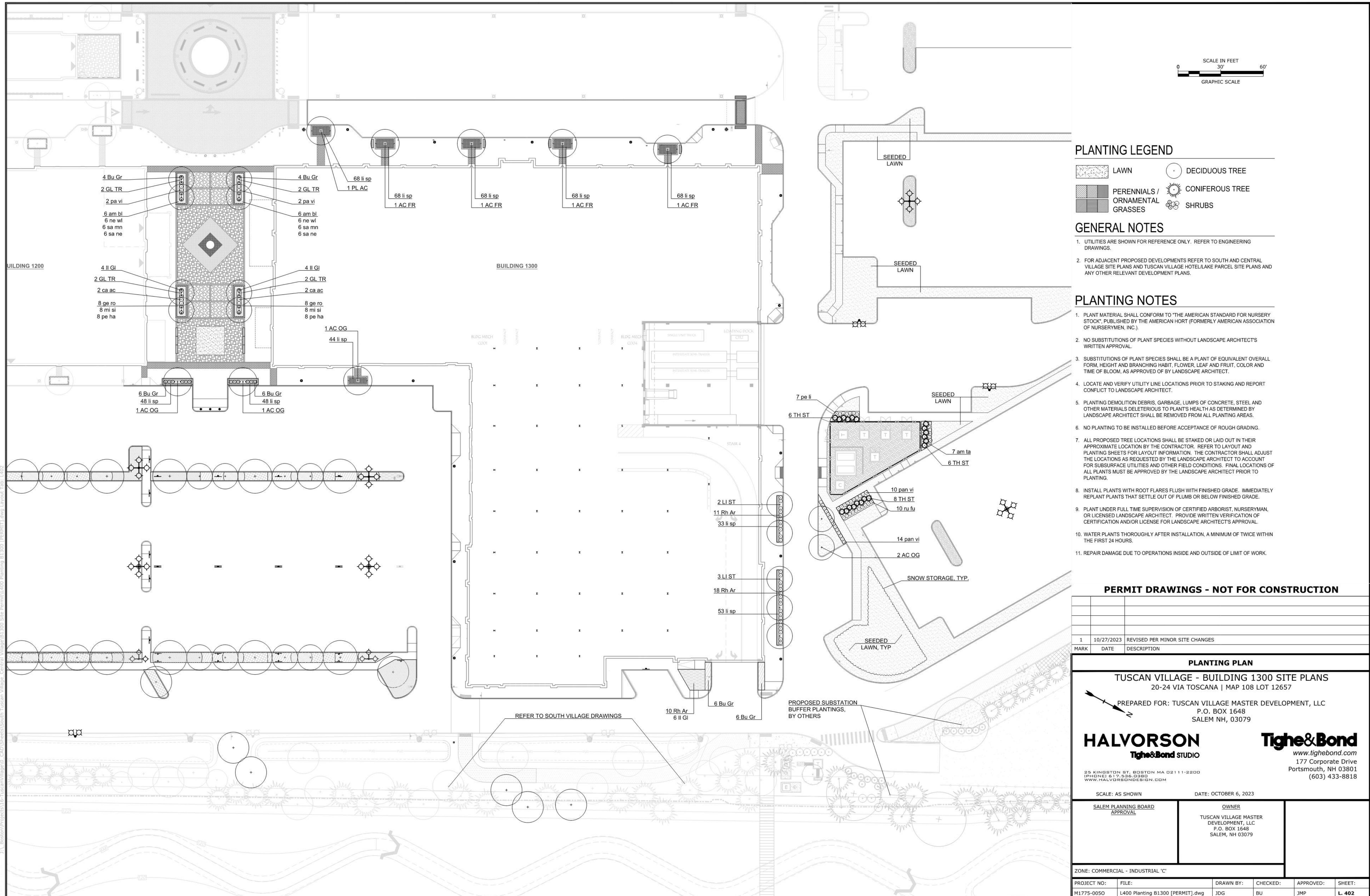
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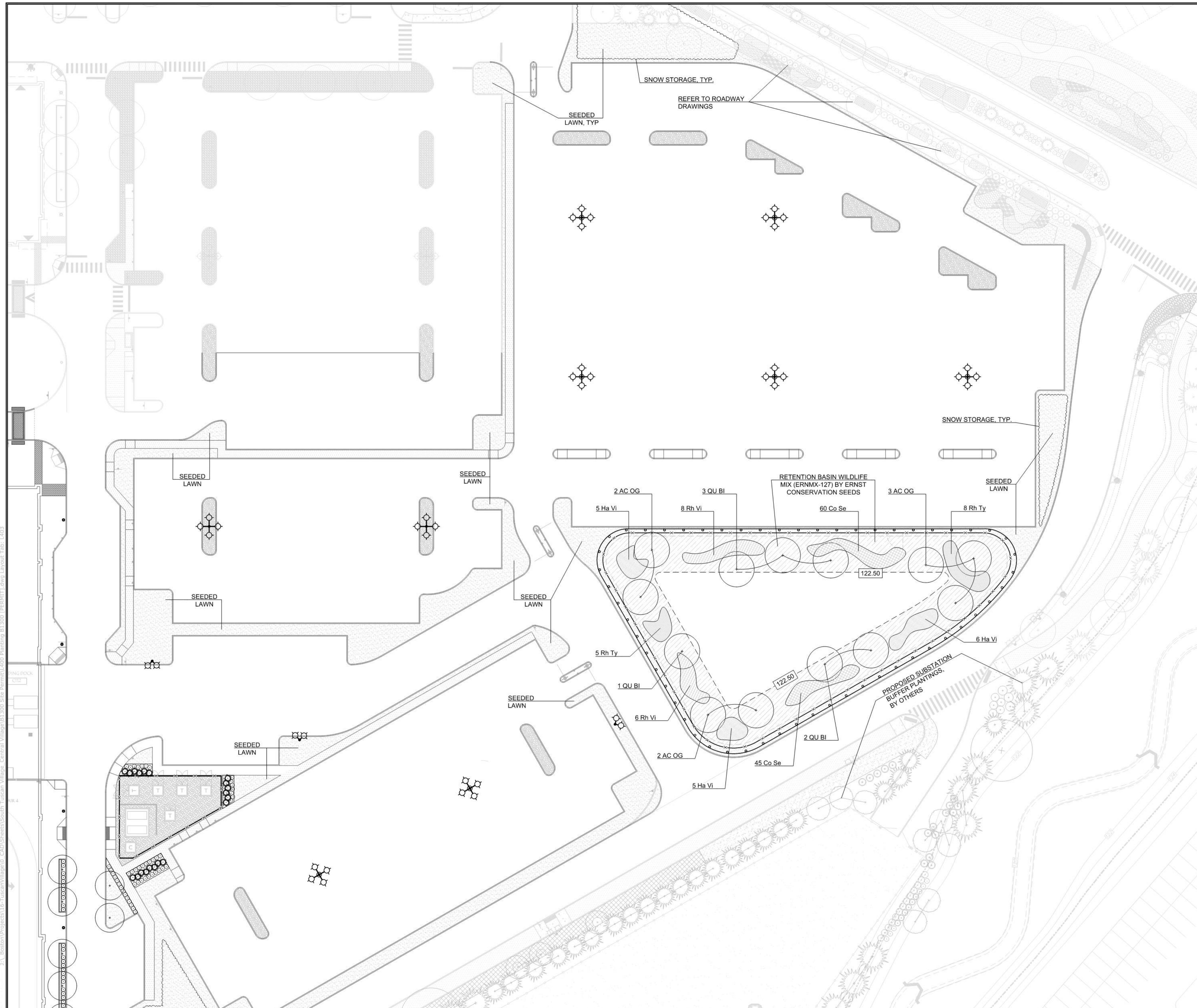
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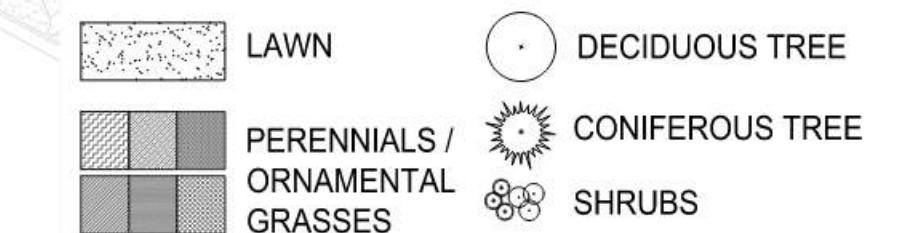






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PLANTING LEGEND



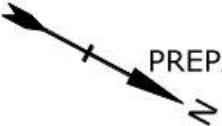
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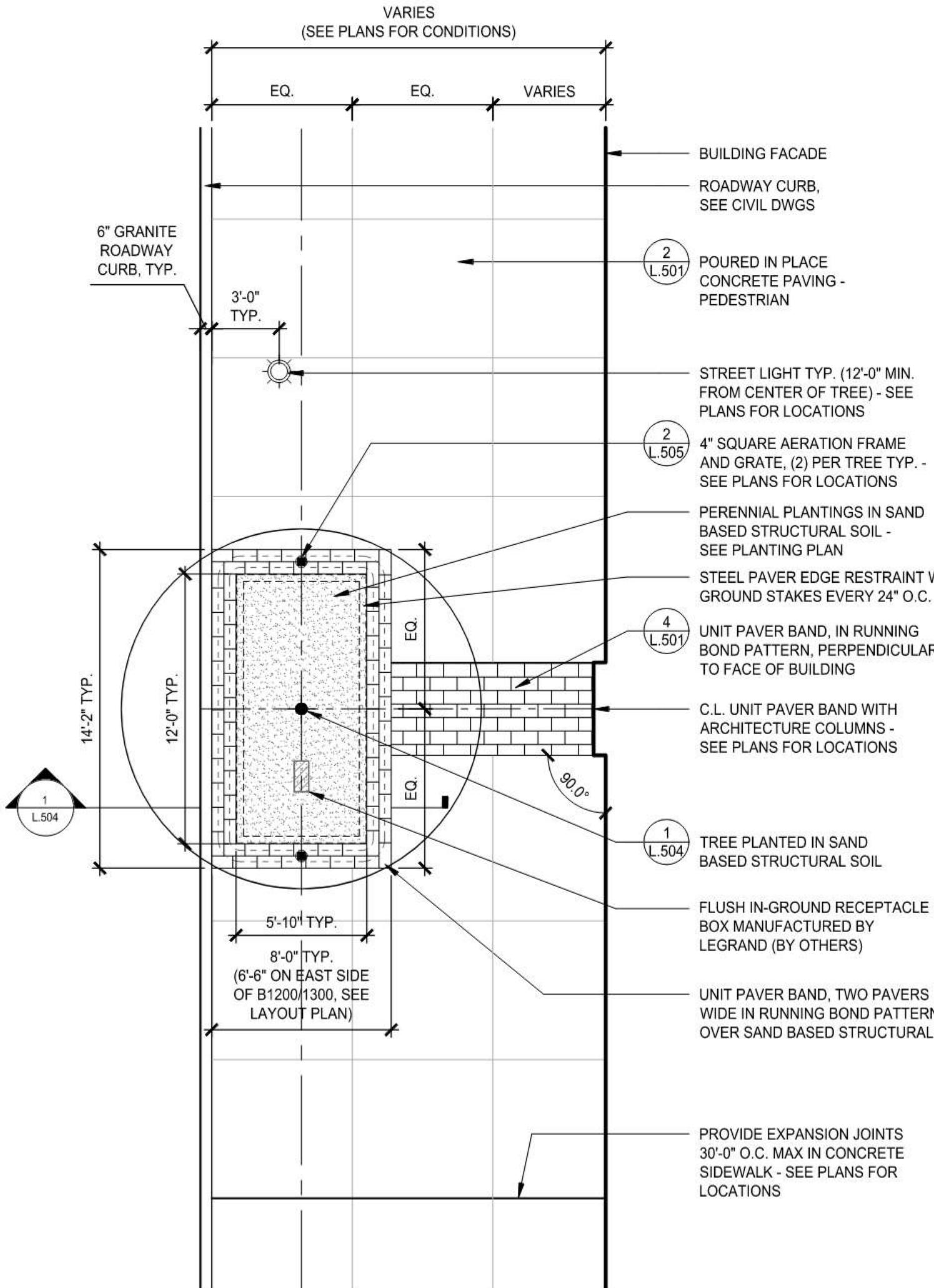
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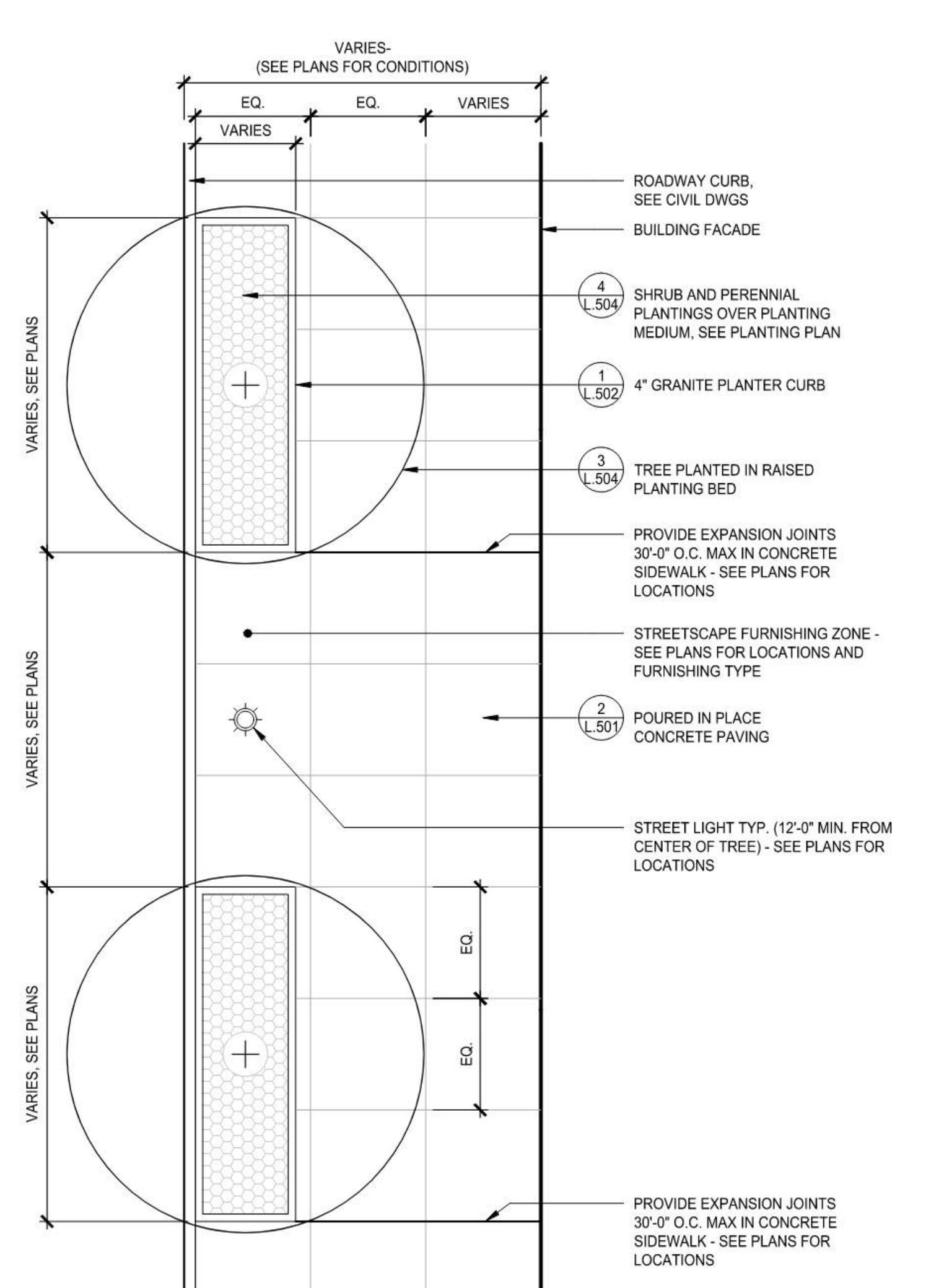
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| MARK | DATE | DESCRIPTION | | | |
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| 20-24 VIA TOSCANA MAP 108 LOT 12657 | | | | | |
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| HALVORSON Tighe&Bond STUDIO | | | | | |
| 25 KINGSTON ST, BOSTON MA 02111-2200 [PHONE] 617.536.0380 WWW.HALVORSONDESIGN.COM | | | | | |
| SCALE: AS SHOWN DATE: OCTOBER 6, 2023 | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"><u>SALEM PLANNING BOARD APPROVAL</u></td> <td style="width: 50%; padding: 5px;"><u>OWNER</u> TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079</td> <td style="width: 50%;"></td> </tr> </table> | | | <u>SALEM PLANNING BOARD APPROVAL</u> | <u>OWNER</u> TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | |
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| M1775-0050 | L400 Planting B1300 [PERMIT].dwg | JDG | BU | JMP | L. 403 |



1 STREETSCAPE - FLUSH TREE PLANTER

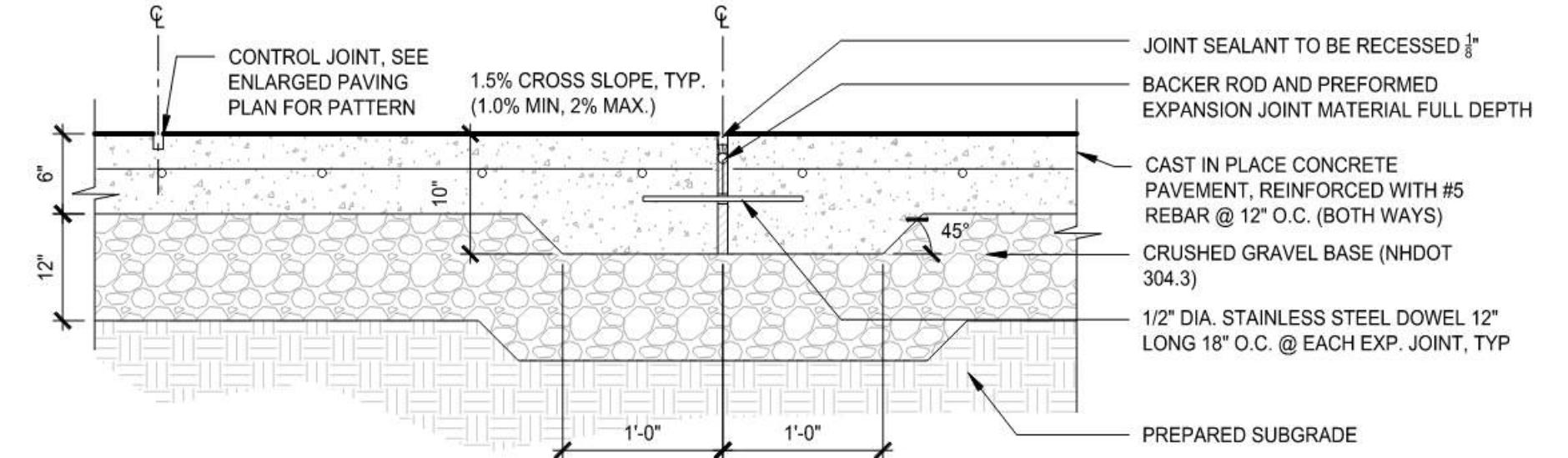
SCALE: 3/16" = 1'-0"



3 STREETSCAPE - RAISED PLANTER

SCALE: 3/16" = 1'-0"

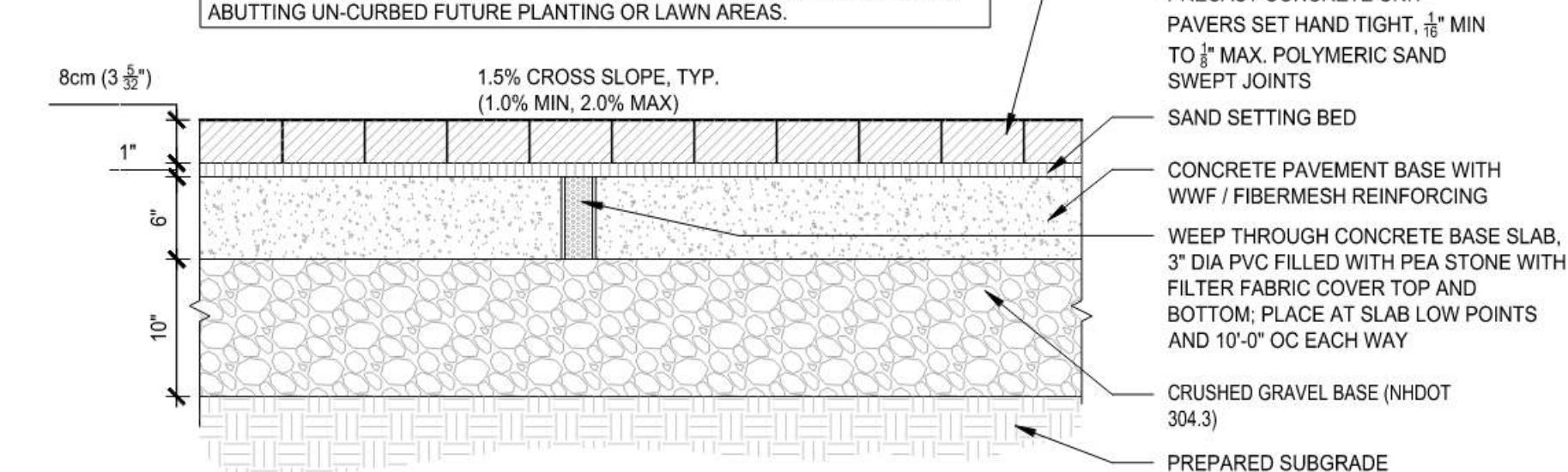
NOTE:
 1. PROVIDE EXP. JOINT WITH SEALANT WHERE CONC. PAVEMENT ABUTS CURBS, WALLS, OR EXISTING PAVEMENT.
 2. INSTALL EXPANSION JOINTS AT +/-30'-0" O.C. OR AS SHOWN ON DRAWING.
 3. INSTALL EXPANSION JOINTS AT CAST IN PLACE FURNISHINGS, BIKE RACKS, BOLLARDS, SIGN POSTS, LIGHT POSTS, ETC.
 4. THICKEN CONCRETE TO 8" AT EDGES WHERE ABUTTING UN-CURBED FUTURE PLANTING OR LAWN AREAS.
 5. CONTROL JOINTS TO BE SAWCUT UNLESS NOTED OTHERWISE.
 6. MEDIUM BROOM FINISH PERPENDICULAR TO PEDESTRIAN FLOW. NO 'WINDOW PANES'.
 7. CONCRETE STRENGTH @ 28 DAYS SHALL BE 5,000 PSI, 6% AIR ENTRAINED.



5 Poured In Place Concrete Paving - Vehicular

Scale: 1"=1'-0"

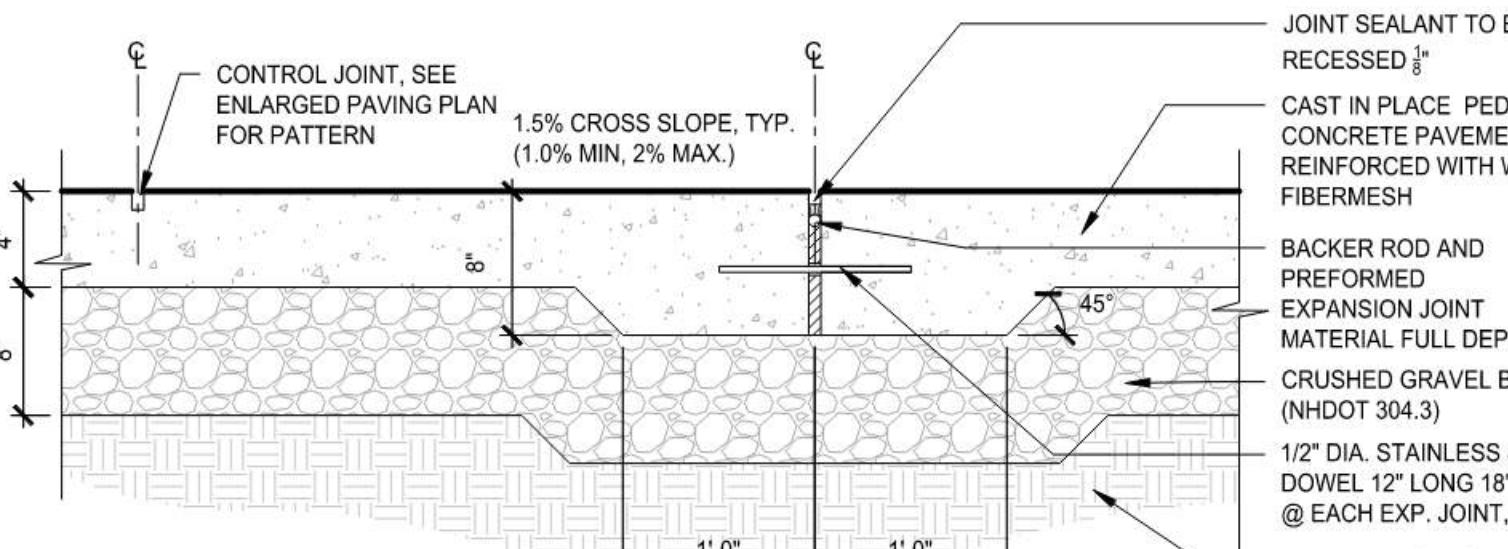
NOTE:
 1. PROVIDE EXP. JOINT WITH SEALANT WHERE CONC. BASE SLAB ABUTS CURBS, WALLS, FURNISHINGS, LIGHT POSTS, FOOTINGS OR EXISTING PAVEMENT.
 2. INSTALL EXPANSION JOINTS IN BASE SLAB +/- 20'-0" O.C. OR AS SHOWN ON DRAWING (DO NOT EXPOSE THROUGH PAVERS). REFER TO CONCRETE DETAILS (THIS SHEET) FOR TYPICAL EXPANSION JOINT.
 3. THICKEN CONCRETE BASE TO 8" AT EXPANSION JOINTS AND EDGES WHERE ABUTTING UN-CURBED FUTURE PLANTING OR LAWN AREAS.



6 Unit Pavers on Concrete Base - Vehicular

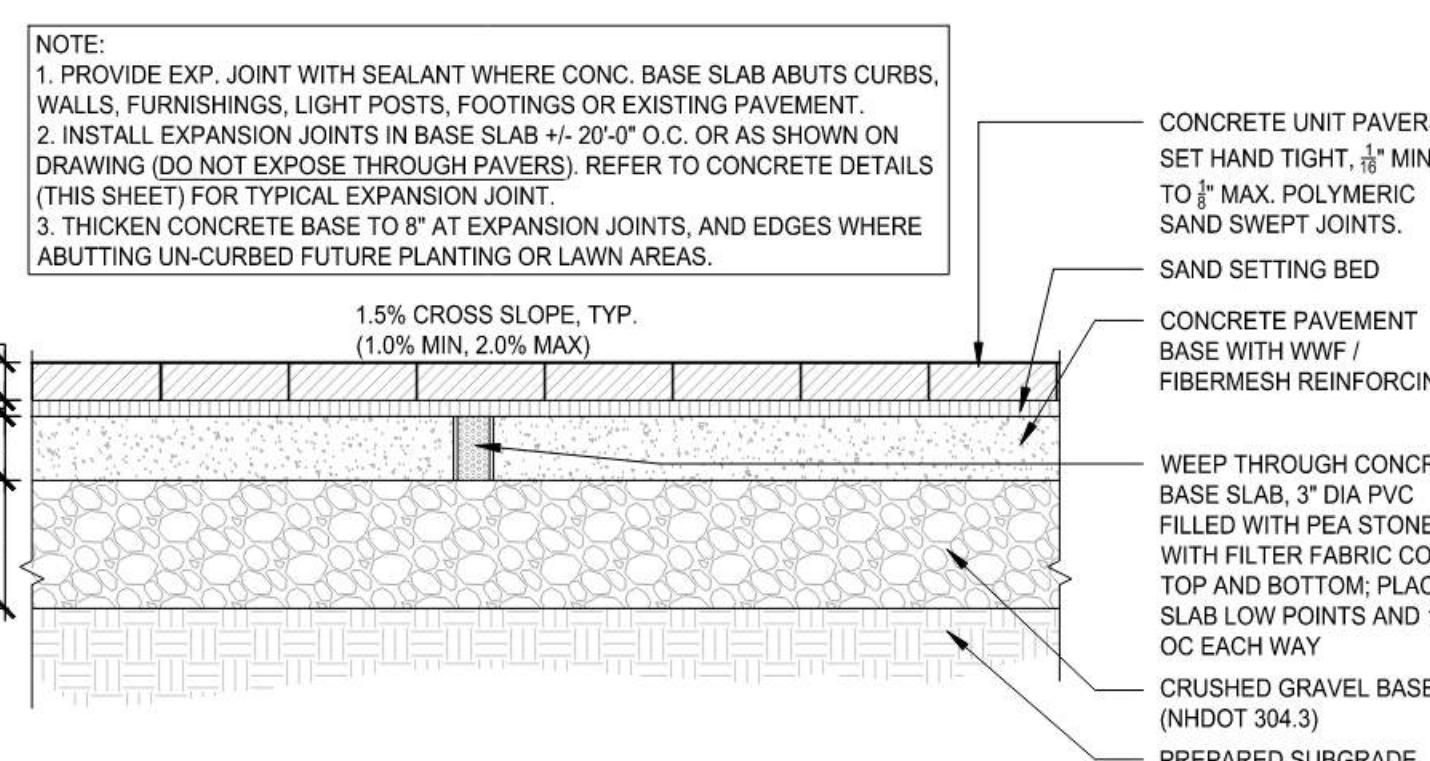
Scale: 1"=1'-0"

NOTE:
 1. PROVIDE EXP. JOINT WITH SEALANT WHERE CONC. PAVEMENT ABUTS CURBS, WALLS, OR EXISTING PAVEMENT.
 2. INSTALL EXPANSION JOINTS AT +/-30'-0" O.C. OR AS SHOWN ON DRAWING.
 3. INSTALL EXPANSION JOINTS AT CAST IN PLACE FURNISHINGS, BIKE RACKS, BOLLARDS, SIGN POSTS, LIGHT POSTS, ETC.
 4. THICKEN CONCRETE TO 8" AT EDGES WHERE ABUTTING UN-CURBED FUTURE PLANTING OR LAWN AREAS.
 5. CONTROL JOINTS TO BE SAWCUT UNLESS NOTED OTHERWISE.
 6. MEDIUM BROOM FINISH PERPENDICULAR TO PEDESTRIAN FLOW. NO 'WINDOW PANES'.
 7. CONCRETE STRENGTH @ 28 DAYS SHALL BE 5,000 PSI, 6% AIR ENTRAINED.



2 Poured In Place Concrete Paving - Pedestrian

SCALE: 1"=1'-0"



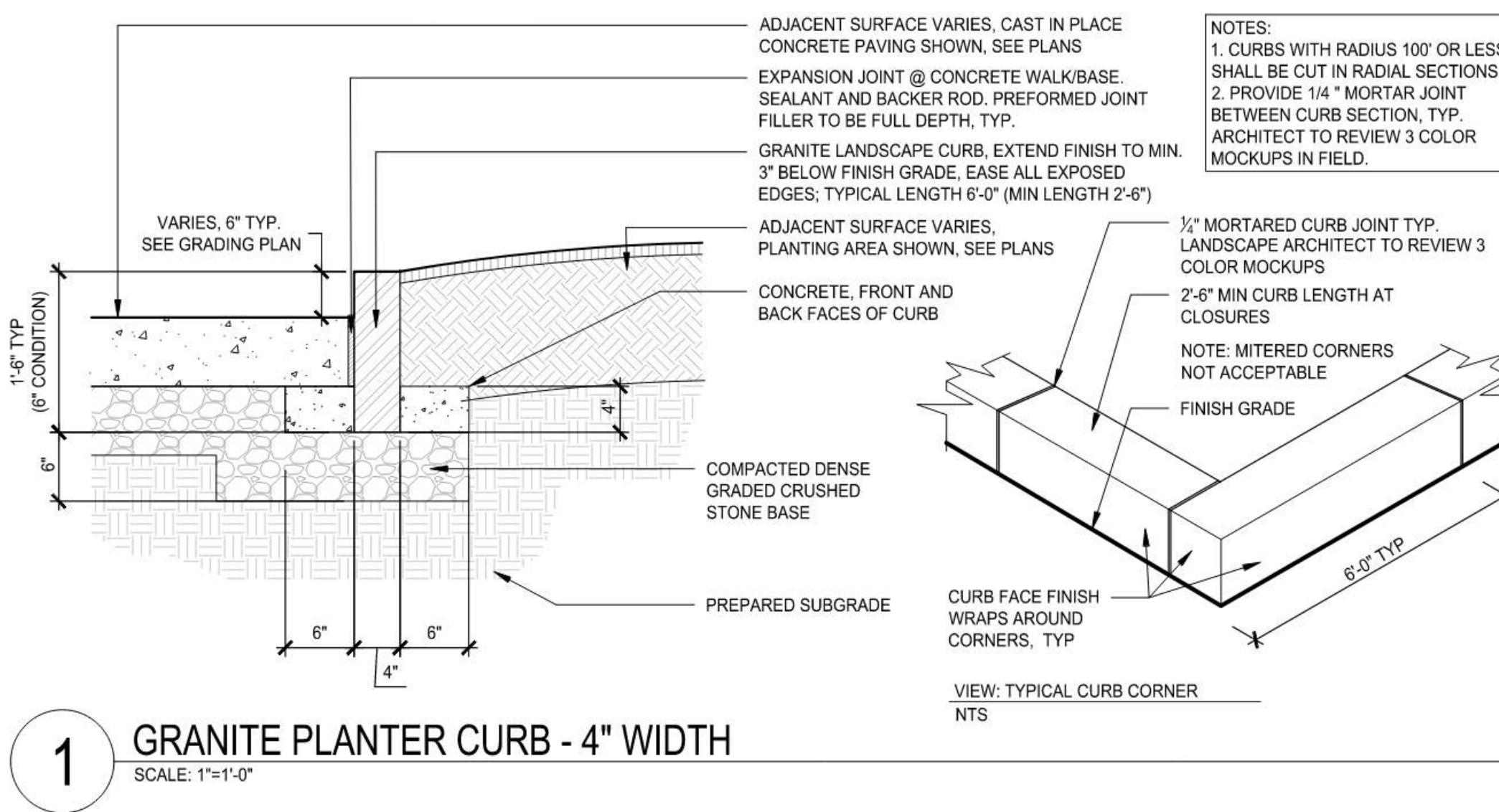
4 Unit Pavers on Concrete Base - Pedestrian

SCALE: 1"=1'-0"

7 Poured In Place Concrete to Unit Pavers Transition

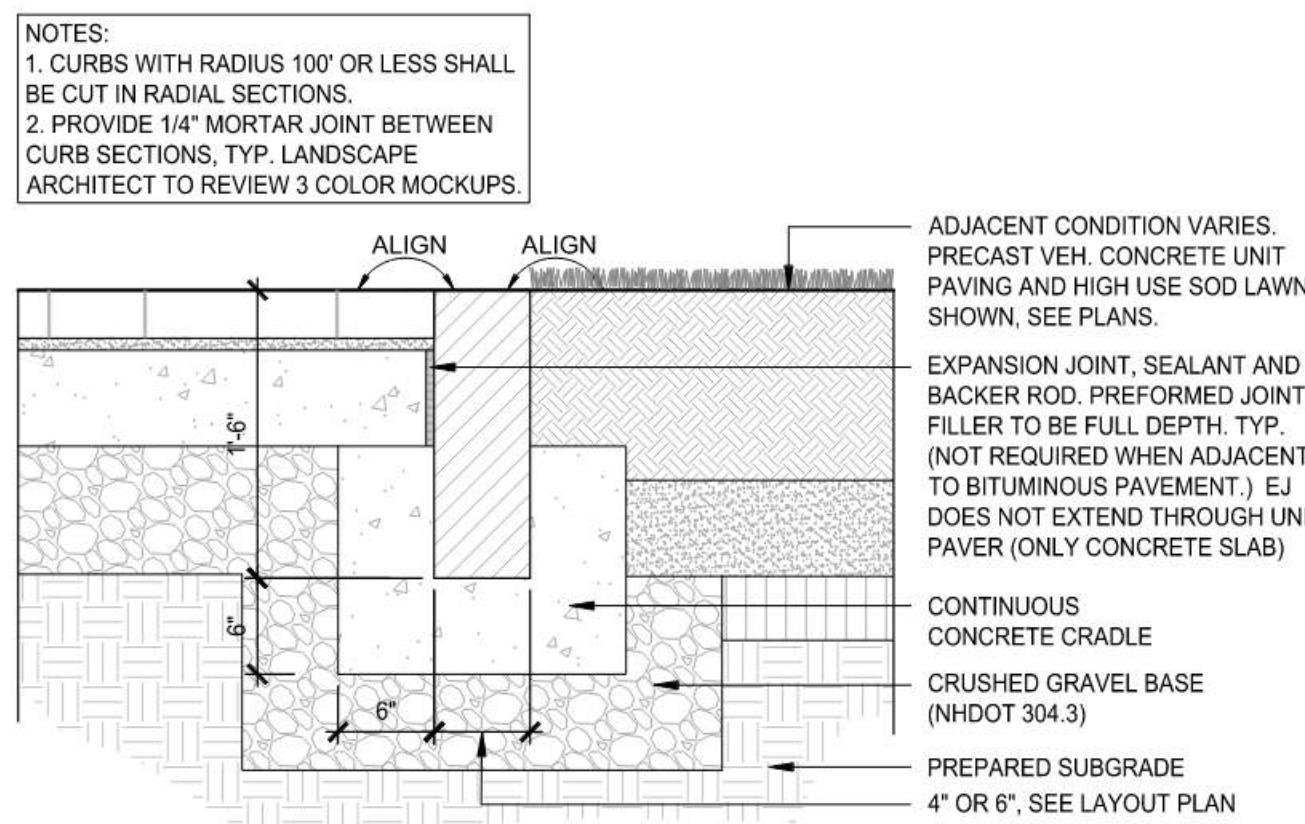
SCALE: 1"=1'-0"

| PERMIT DRAWINGS - NOT FOR CONSTRUCTION | | |
|---|---------------------------------|-------------|
| MARK | DATE | DESCRIPTION |
| STREETSCAPE DETAILS | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA MAP 108 LOT 12657 | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | | |
| HALVORSON Tighe&Bond STUDIO 25 KINGSTON ST, BOSTON MA 02111-2200 (PHONE) 617.536.0980 www.halvorsondesign.com | | |
| Tighe&Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | | |
| SCALE: AS SHOWN DATE: OCTOBER 6, 2023 | | |
| SALEM PLANNING BOARD APPROVAL OWNER TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | |
| PROJECT NO: | FILE: | DRAWN BY: |
| M1775-0050 | L500 Details B1300 [PERMIT].dwg | JDG |
| BU | JMP | L. 501 |



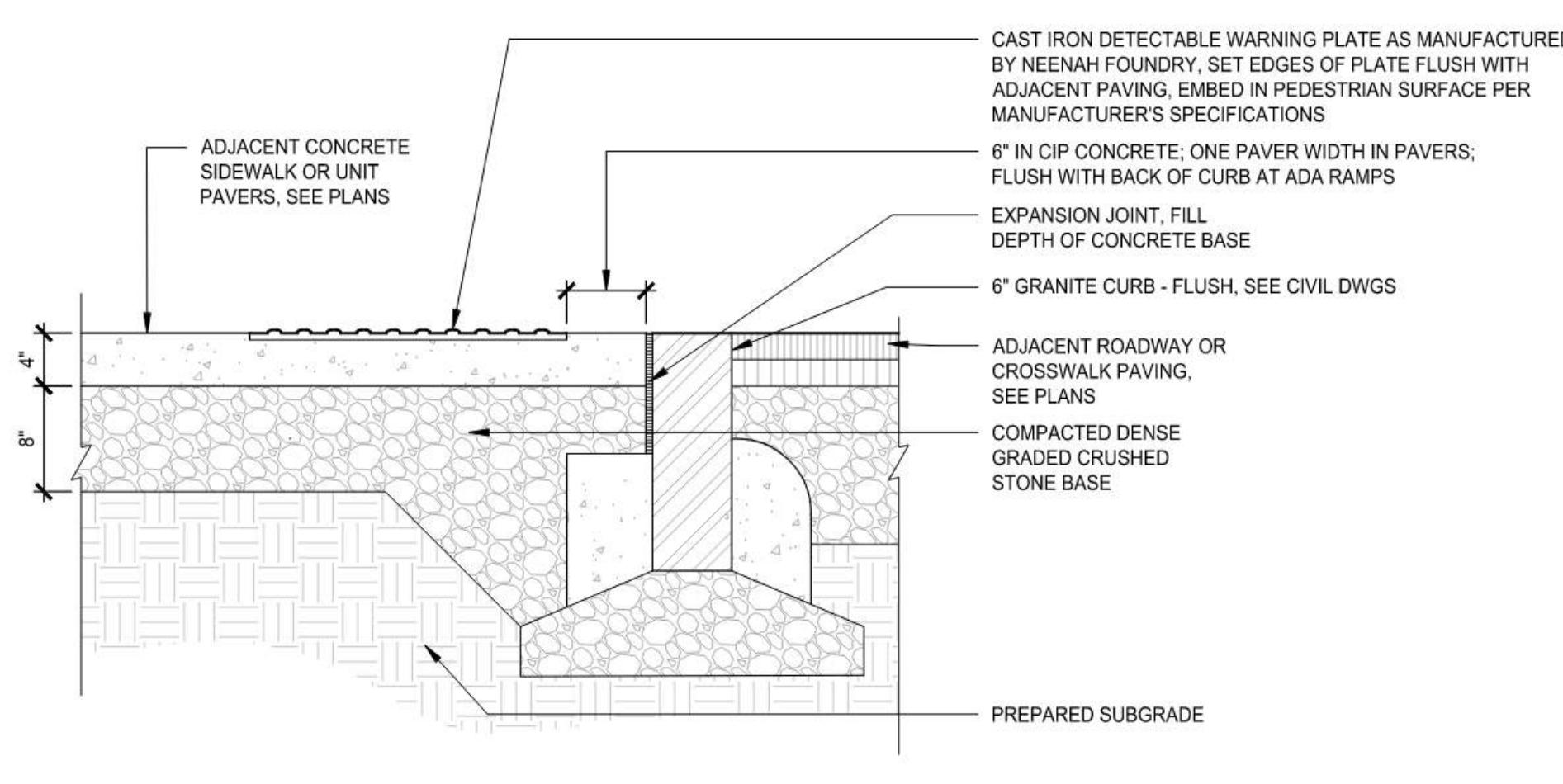
1 GRANITE PLANTER CURB - 4" WIDTH

1



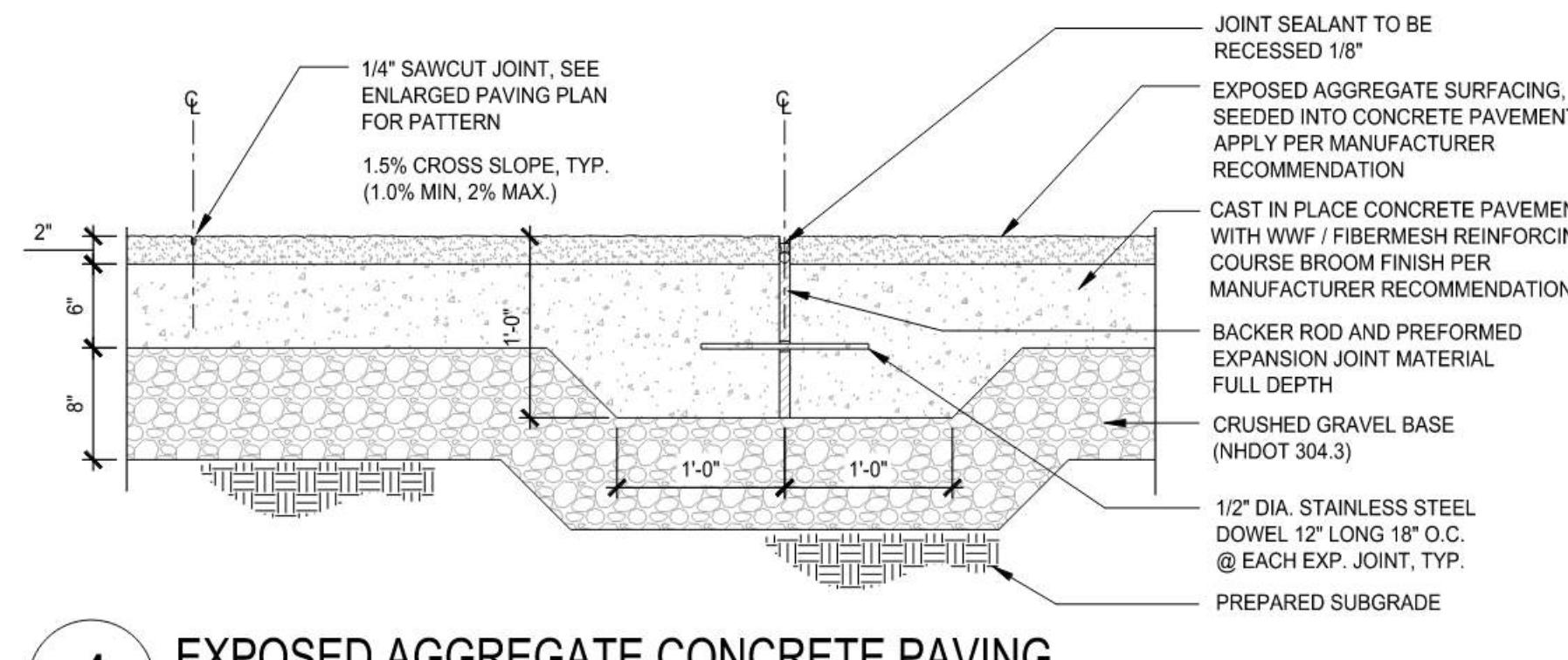
2 GRANITE CURB - FLUSH CONDITION

SCALE: 1" = 1'-0"



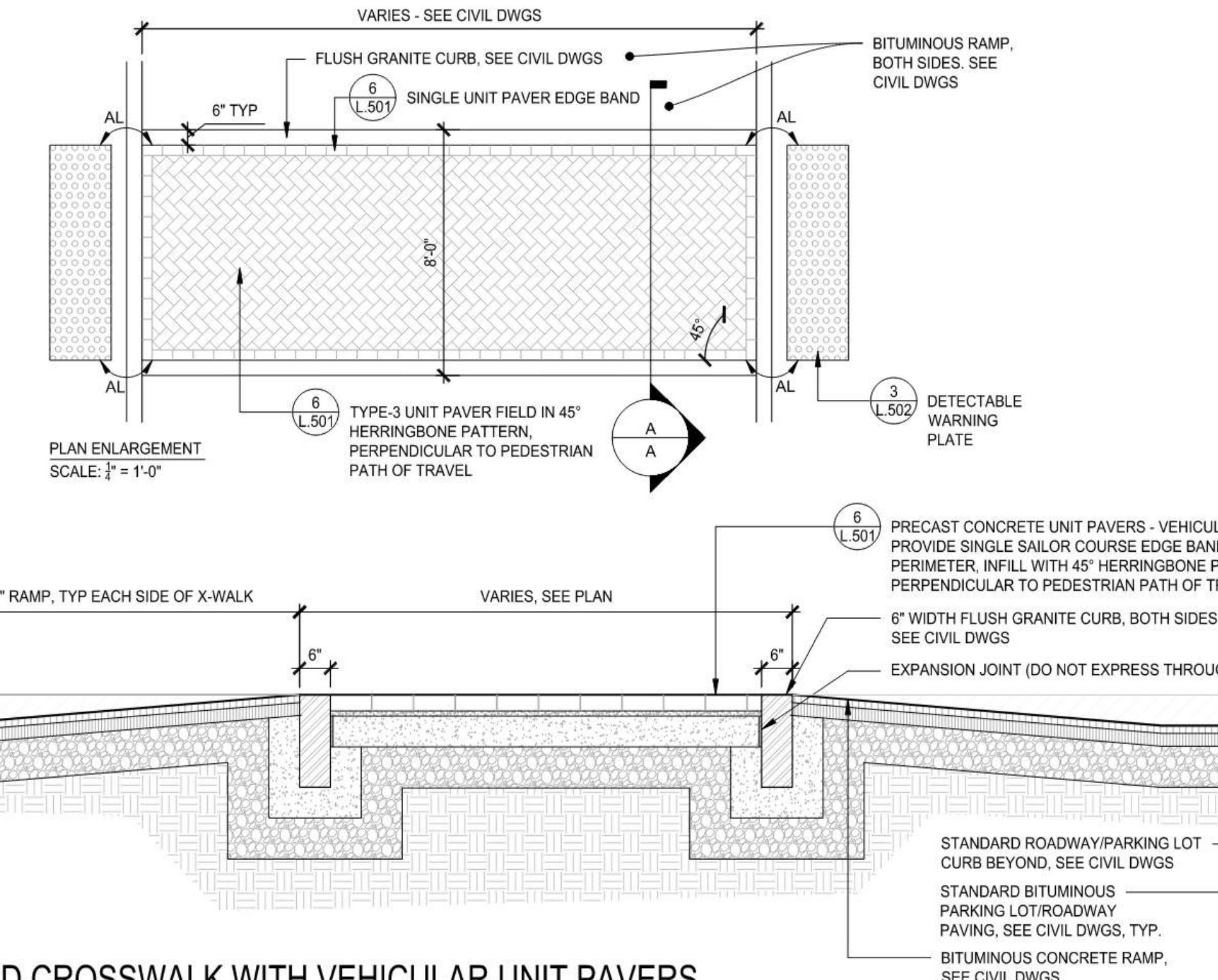
3 DETECTABLE WARNING PLATE

3



4 EXPOSED AGGREGATE CONCRETE PAVING
SCALE: 1"-1' 0"

4

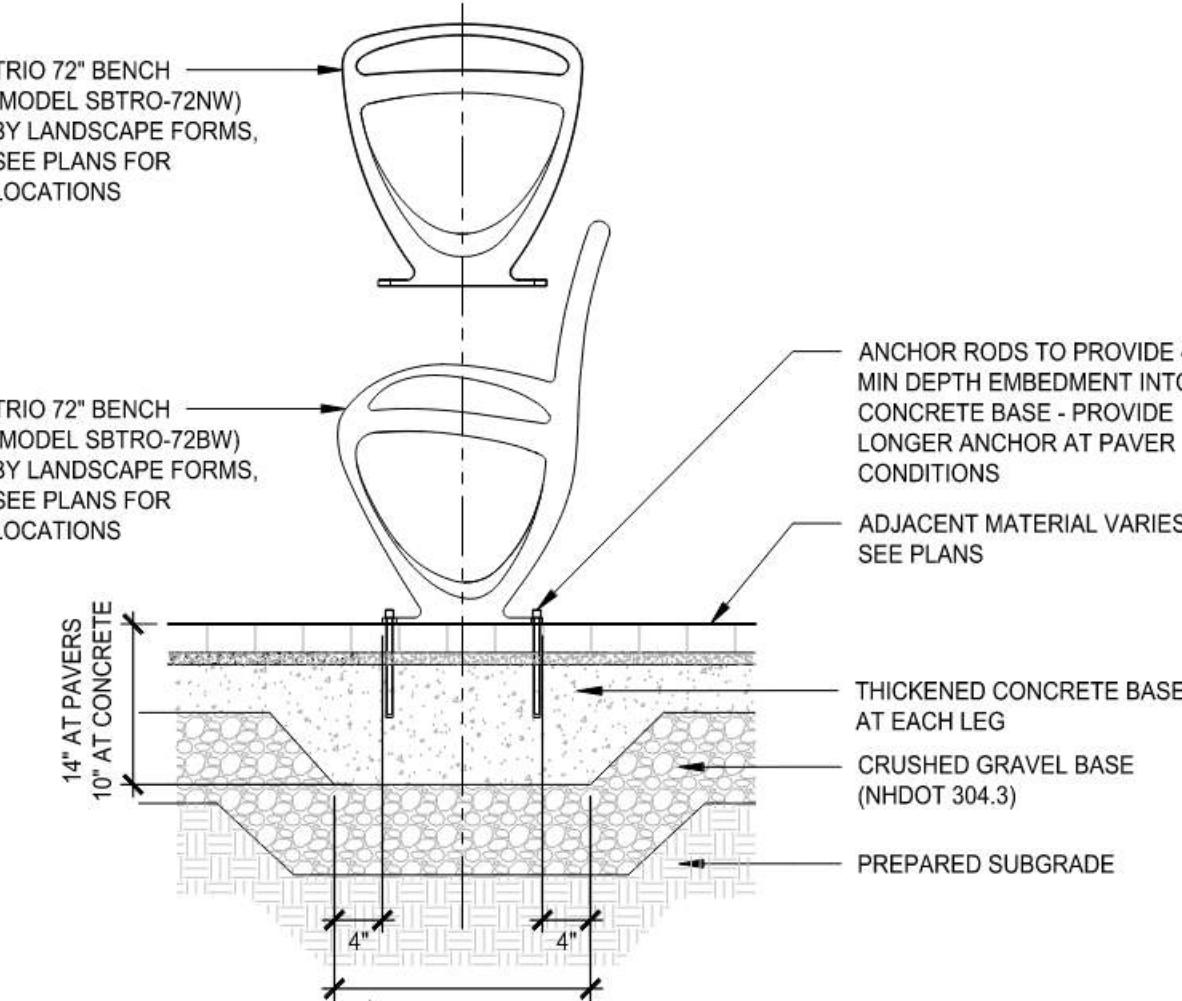


5 RAISED CROSSWALK WITH VEHICULAR UNIT PAVERS

SCALE: 1/2" :

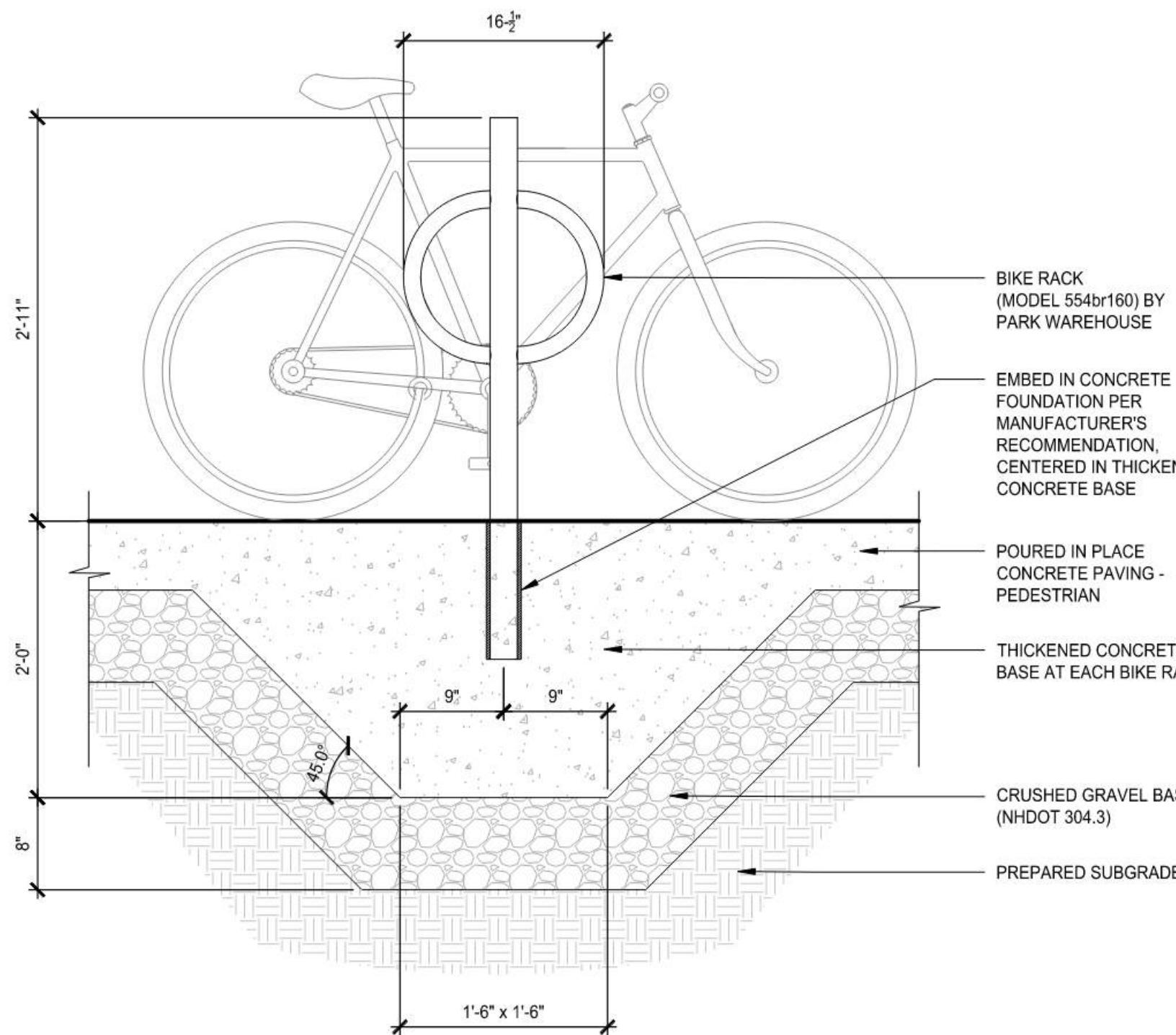
PERMIT DRAWINGS - NOT FOR CONSTRUCTION

| MARK | DATE | DESCRIPTION | | | |
|--|---------------------------------|--|----------|-----------|---------------|
| STREETSCAPE DETAILS | | | | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS | | | | | |
| 20-24 VIA TOSCANA MAP 108 LOT 12657 | | | | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC | | | | | |
| P.O. BOX 1648 | | | | | |
| SALEM NH, 03079 | | | | | |
| HALVORSON Tighe&Bond STUDIO | | Tighe&Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | | | |
| SCALE: AS SHOWN | | DATE: OCTOBER 6, 2023 | | | |
| <u>SALEM PLANNING BOARD</u> <u>APPROVAL</u> | | <u>OWNER</u> TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | | | | |
| PROJECT NO: | FILE: | DRAWN BY: | CHECKED: | APPROVED: | SHEET: |
| M1775-0050 | L500 Details B1300 [PERMIT].dwg | JDG | BU | JMP | L. 502 |

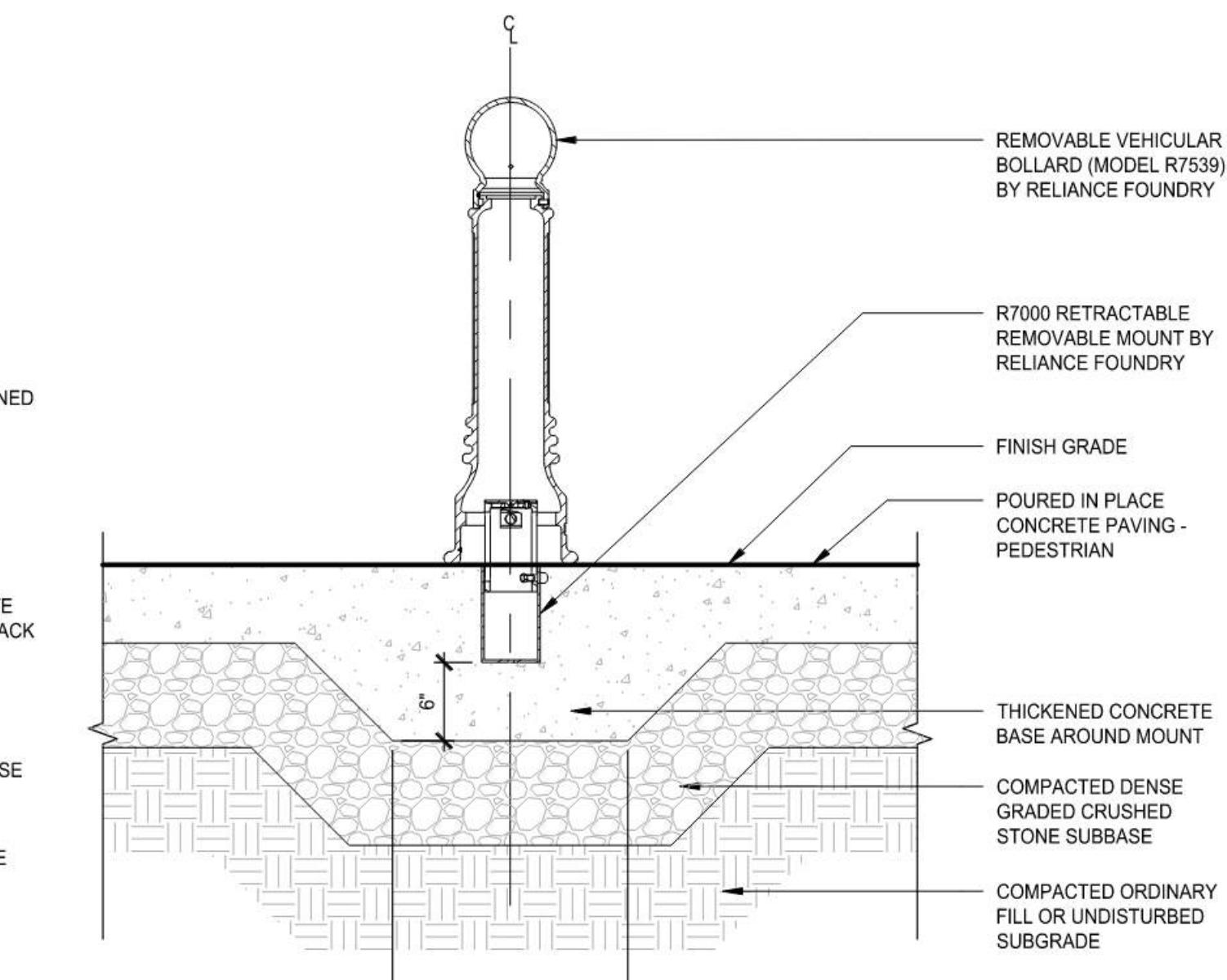


1 WOOD & METAL BACKED/BACKLESS BENCH - TYPE 1

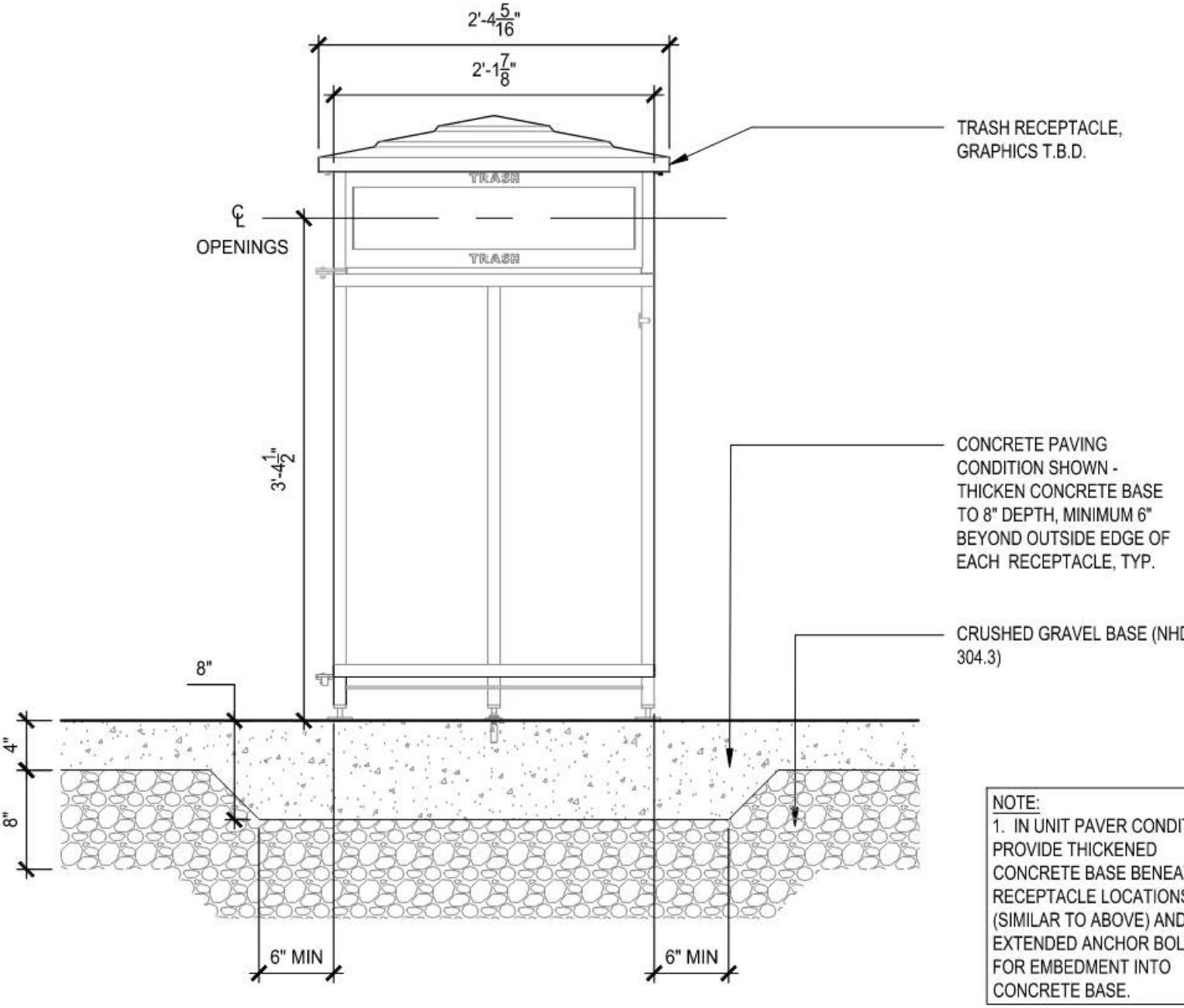
SCALE: 3/4"=1'-0"



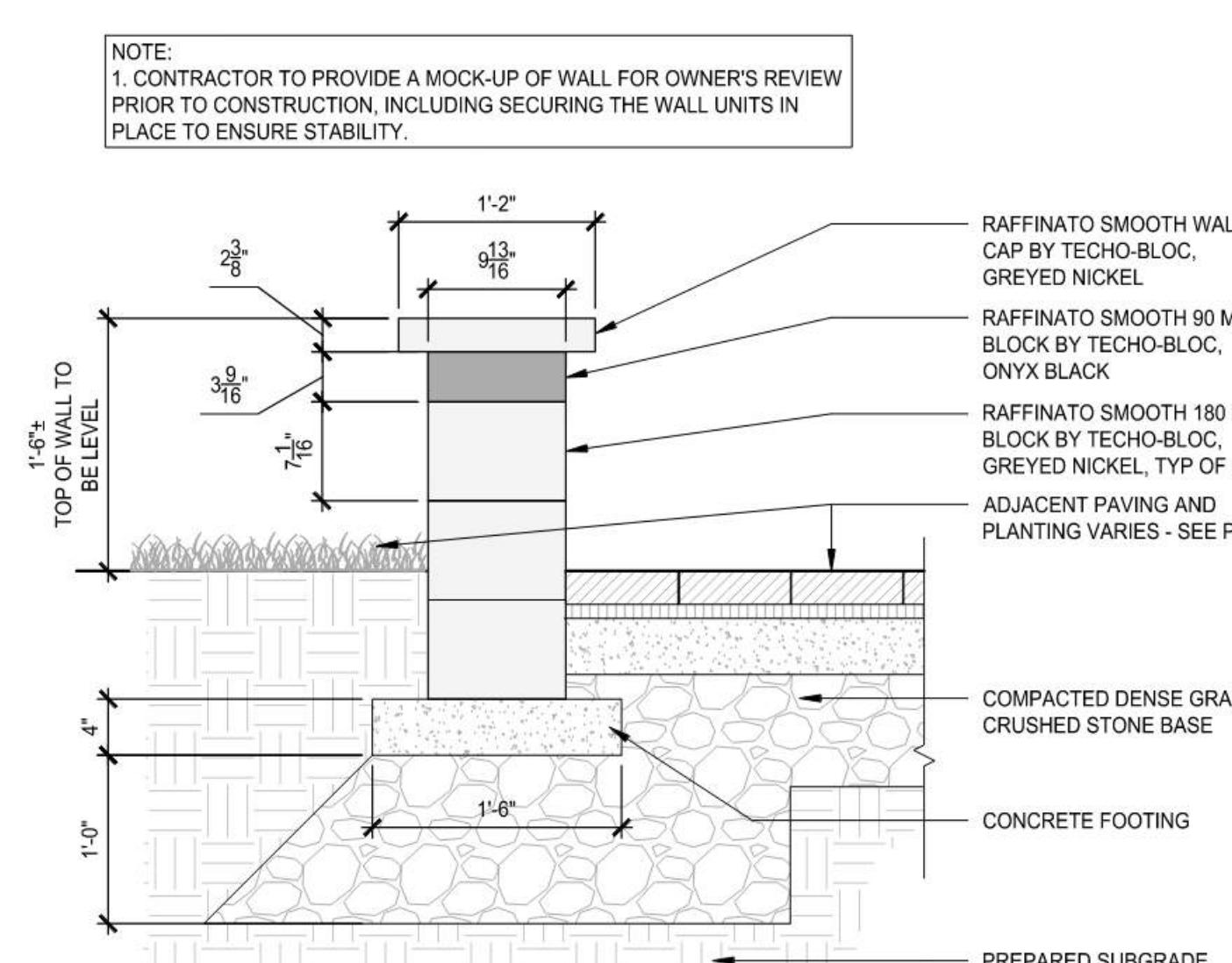
3 BIKE RACK
SCALE: 1"=1'-0"



5 VEHICULAR BOLLARD - TYPE 1 - REMOVABLE
Scale: 1" = 1'-0"

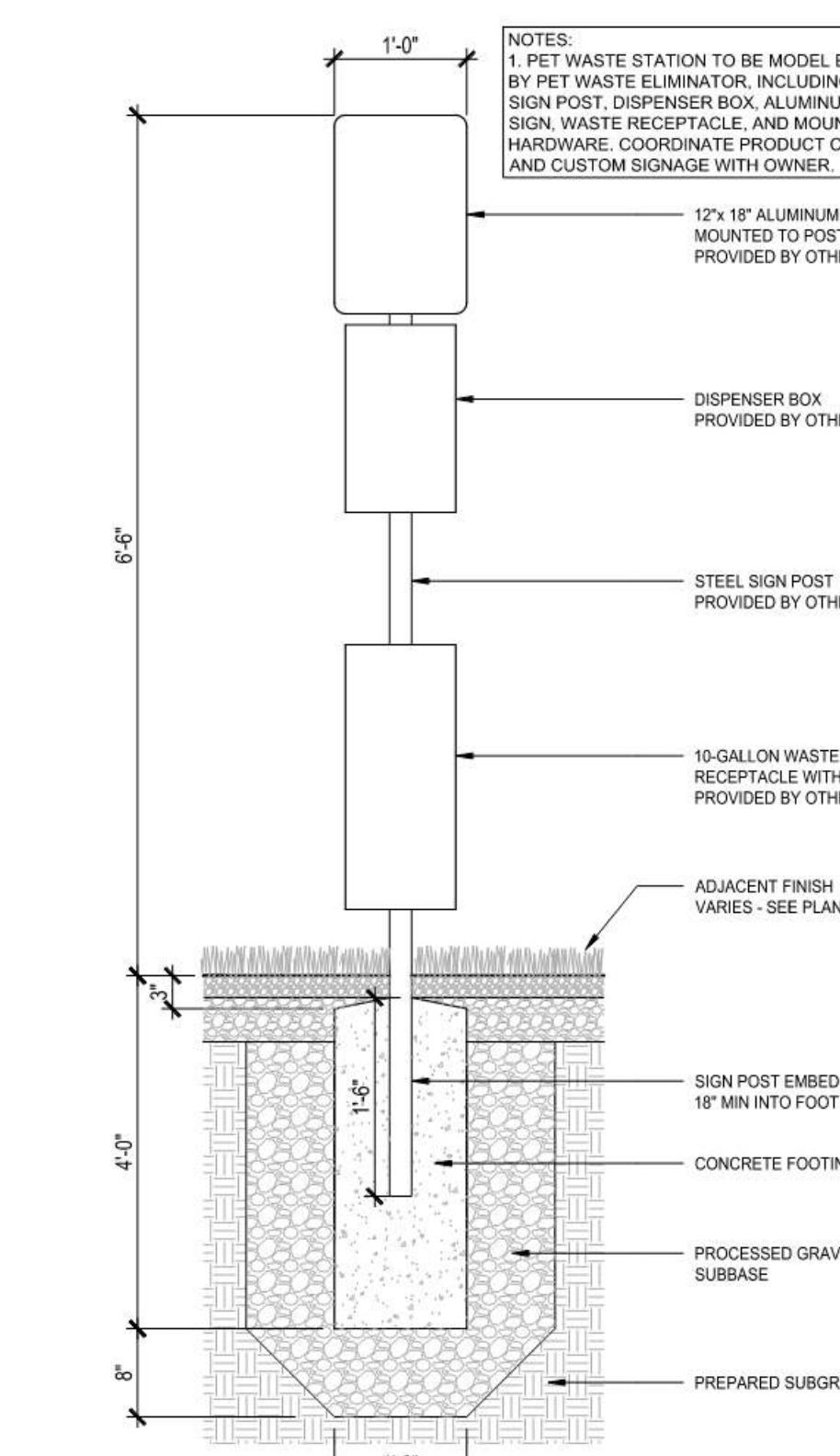


2 TRASH / RECYCLING RECEPTACLE



4 PRECAST CONCRETE BLOCK WALL

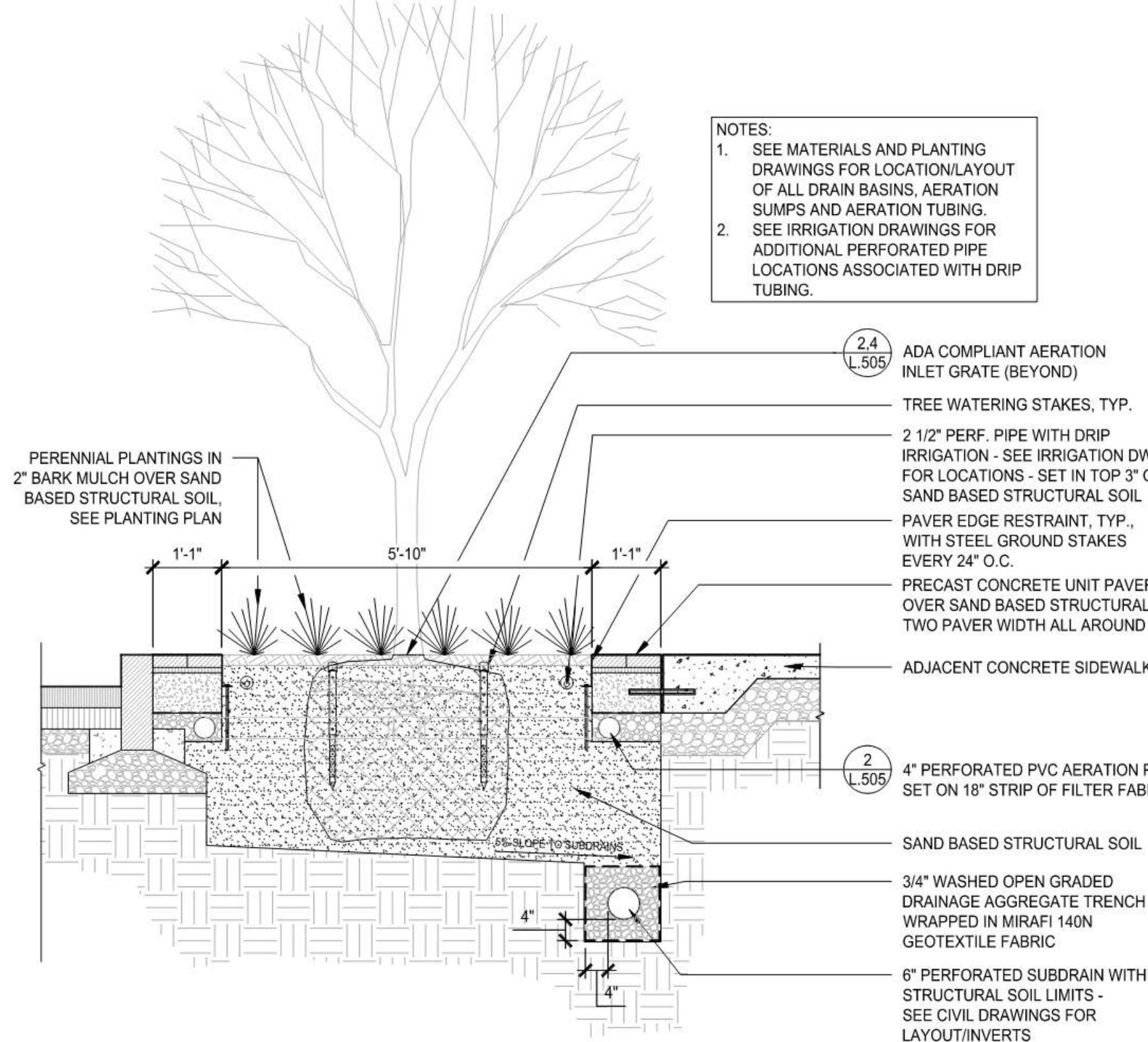
SCALE: 1"=1'-0"



6 PET WASTE STATION
Scale: 3/4"=1'-0"

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

| | | | | | |
|--|---------------------------------|--|----------|-----------|---------------|
| 1 | 10/27/2023 | REVISED PER MINOR SITE CHANGES | | | |
| MARK | DATE | DESCRIPTION | | | |
| STREETSCAPE DETAILS | | | | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS | | | | | |
| 20-24 VIA TOSCANA MAP 108 LOT 12657 | | | | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC | | | | | |
| P.O. BOX 1648 | | | | | |
| SALEM NH, 03079 | | | | | |
| HALVORSON Tighe&Bond STUDIO | | Tighe&Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | | | |
| SCALE: AS SHOWN | | DATE: OCTOBER 6, 2023 | | | |
| <u>SALEM PLANNING BOARD</u> <u>APPROVAL</u> | | <u>OWNER</u> TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | | | | |
| PROJECT NO: | FILE: | DRAWN BY: | CHECKED: | APPROVED: | SHEET: |
| M1775-0050 | L500 Details B1300 [PERMIT].dwg | JDG | BU | JMP | L. 503 |

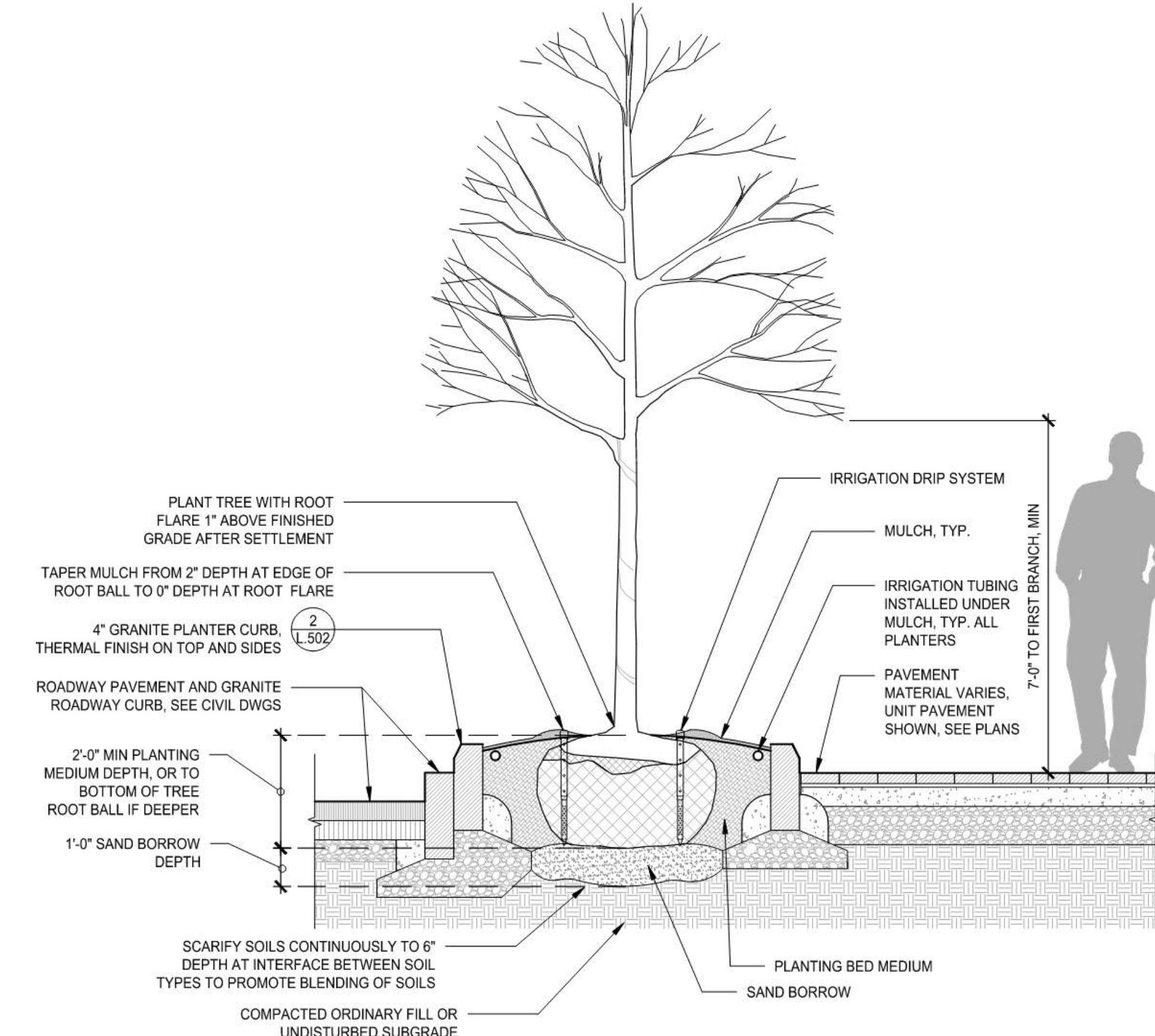


FLUSH STREETSCAPE TREE PLANTER WITH SAND BASED STRUCTURAL SOIL - CROSS SECTION

SCALE: 1/2"=1'-0"

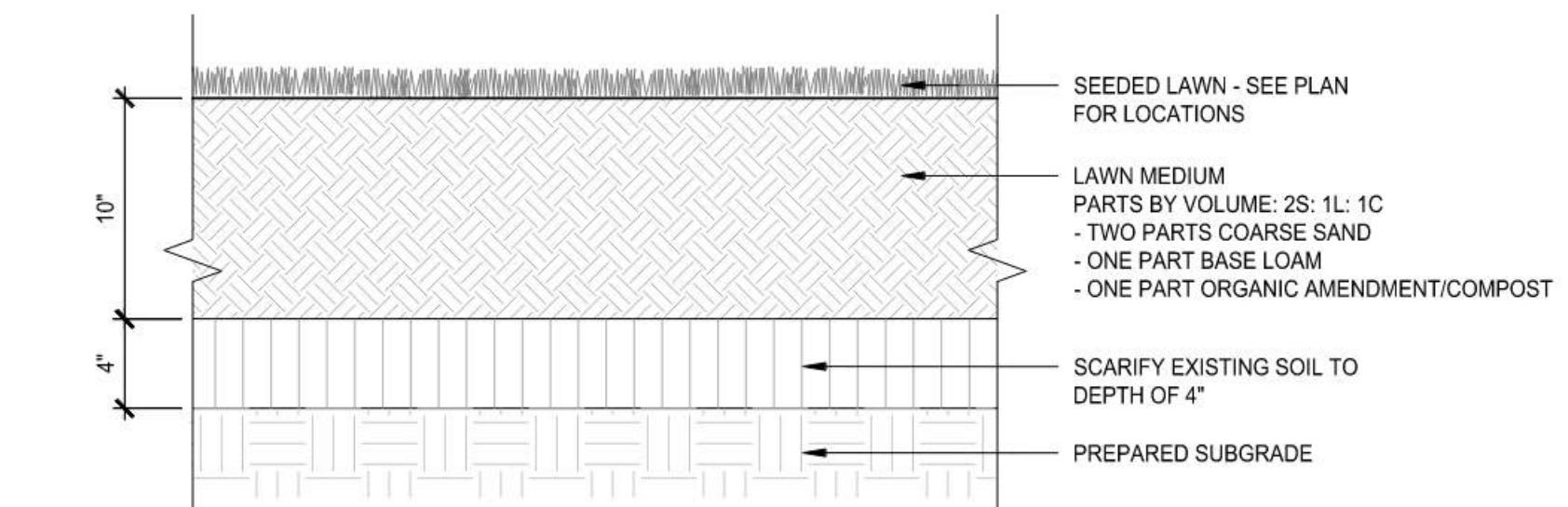
SCALE: 1/2"=1'-0"

SCALE: 1/2"=1'-0"



3 TREE PLANTING IN RAISED PLANTER

5 SCALE: 1/2"



SEDED LAWN - PARKING LOT

SCALE: 1-1/2" =

PLANT TREE WITH ROOT FLARE 2" ABOVE FINISH GRADE AFTER SETTLEMENT

2" DEPTH MULCH (KEEP MULCH 1" FROM TRUNK)

3" HIGH EARTH WATERING SAUCER - LOCATE 1'-0" BEYOND ROOT BALL EDGE

HIGH USE SOD LAWN SOIL

TIE SYSTEM: 1-1/2" WIDE HEAVY DUTY POLY STRAP WITH GROMMETED ENDS TO ACCEPT 12 GAUZE GALVANIZED WIRE, ALLOW FOR SLIGHT TREE MOVEMENT WHEN TIGHTENING, REMOVE AFTER ONE YEAR UNLESS DIRECTED BY LANDSCAPE ARCHITECT

PROVIDE SAND BARROW BASE IN DEPTH AS REQUIRED TO SUPPORT ROOT BALL

(4) x 1-1/2" SQUARE TREE STAKES, SET 1'-6" MINIMUM INTO UNDISTURBED SOIL, 1'-8" TO 2'-0" IN HEIGHT ABOVE GROUND.

NOTE: SUBMIT STAKE/ACCESSORIES FOR REVIEW AND APPROVAL.

MEDIUM VARIES, SEE SOILS PLAN

HORTICULTURAL SUB SOIL CONTINUOUS, 12" DEPTH STANDARD IN BEDS AND INCREASE TO 18" WHERE INCREASED DEPTH NOTED ON SOILS PLAN

12" 2" TRANSITION ZONE. SEE SPECS.

VARIABLES

PREPARED SUBGRADE

INCREASED DEPTH 12" AROUND ROOTBALL AS REQD TO REST ON SUBGRADE

NOTE:

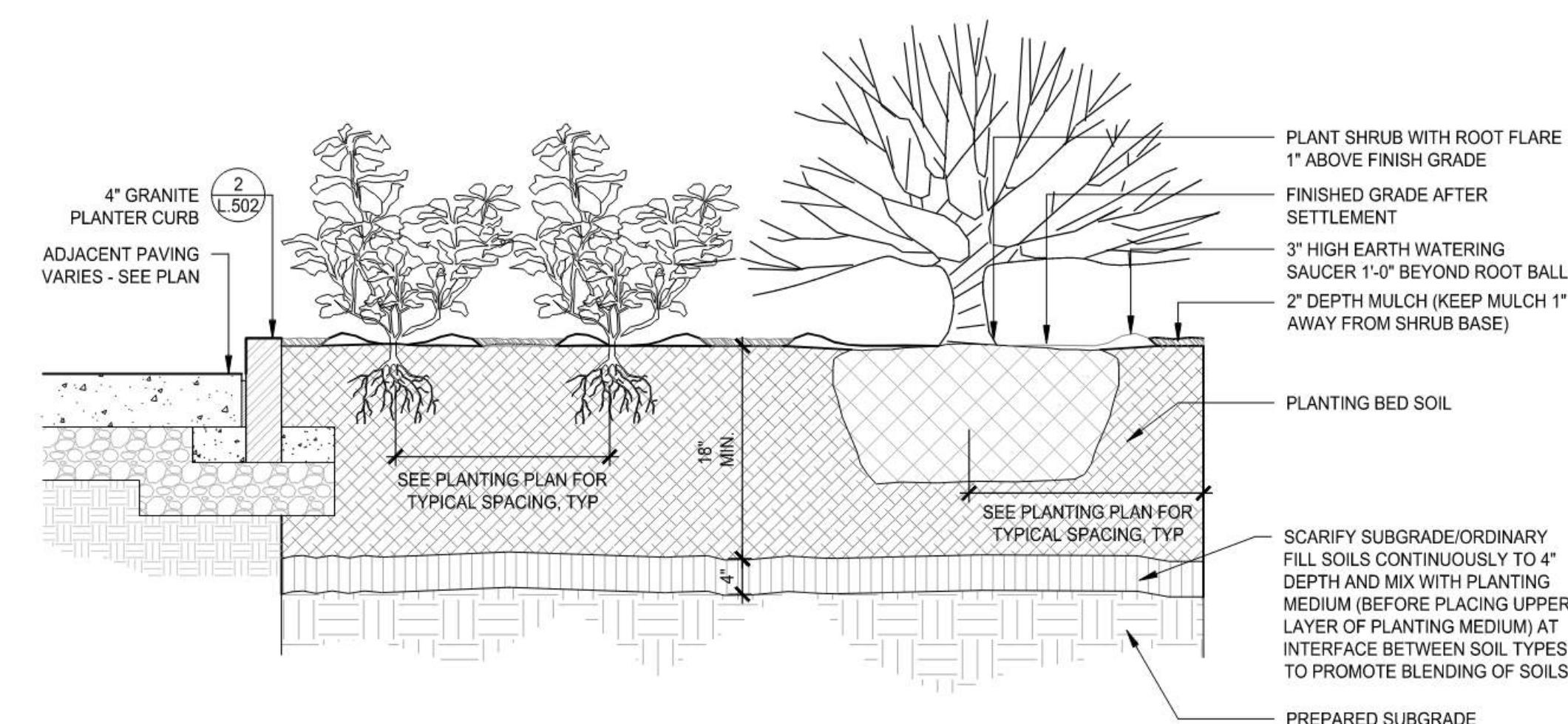
1. SCARIFY SOILS CONTINUOUSLY TO A DEPTH OF 2" AT INTERFACE BETWEEN SOIL TYPES AND LIFTS TO PROMOTE BLENDING OF SOILS

AT LAWN CONDITION

AT PLANTING BED CONDITION

2 TREE PLANTING - IN LAWN OR PLANT BED AT GRADE

Scale: 1/4"=1'-0"

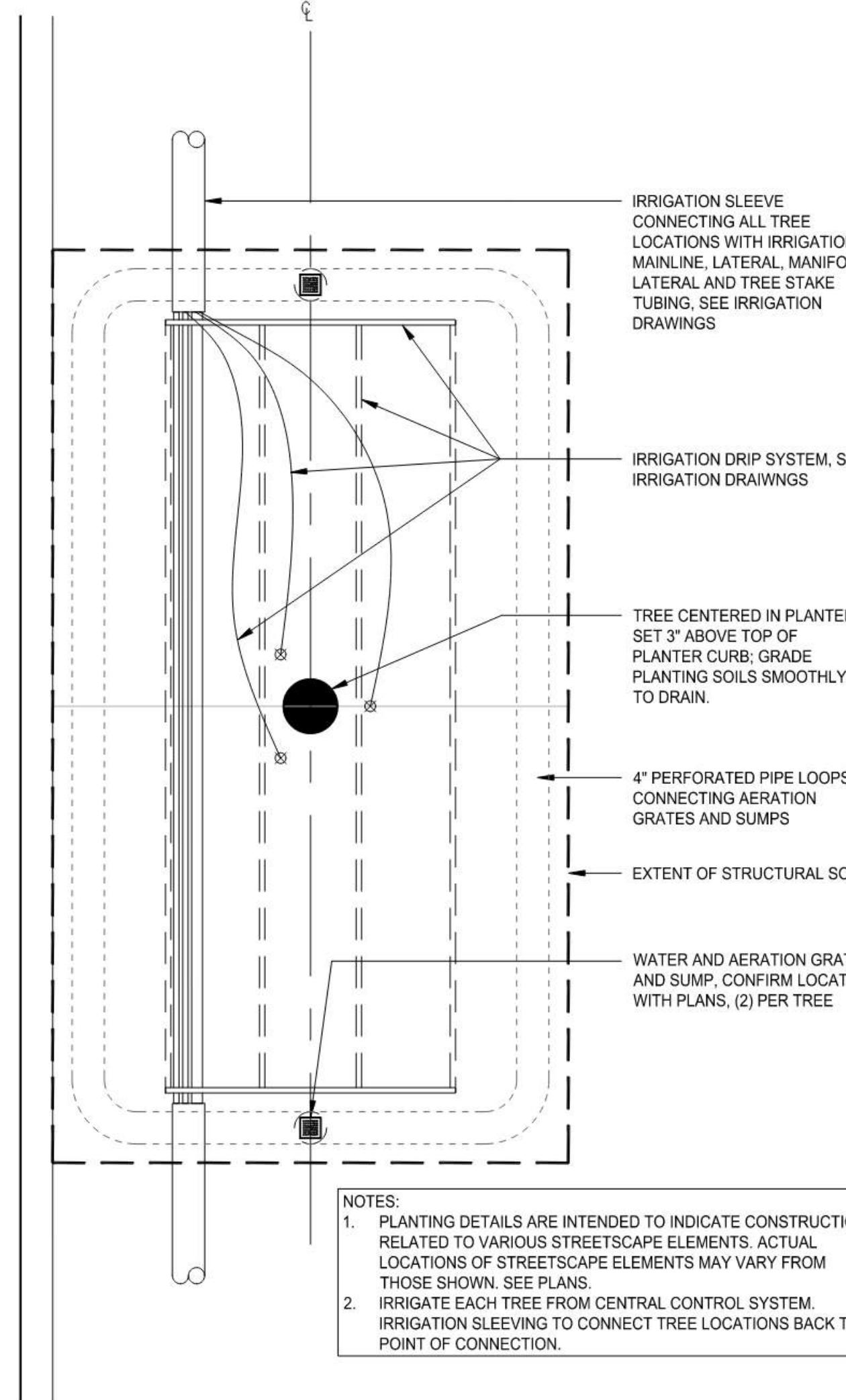


4 SHRUB, PERENNIAL AND ANNUAL PLANTING

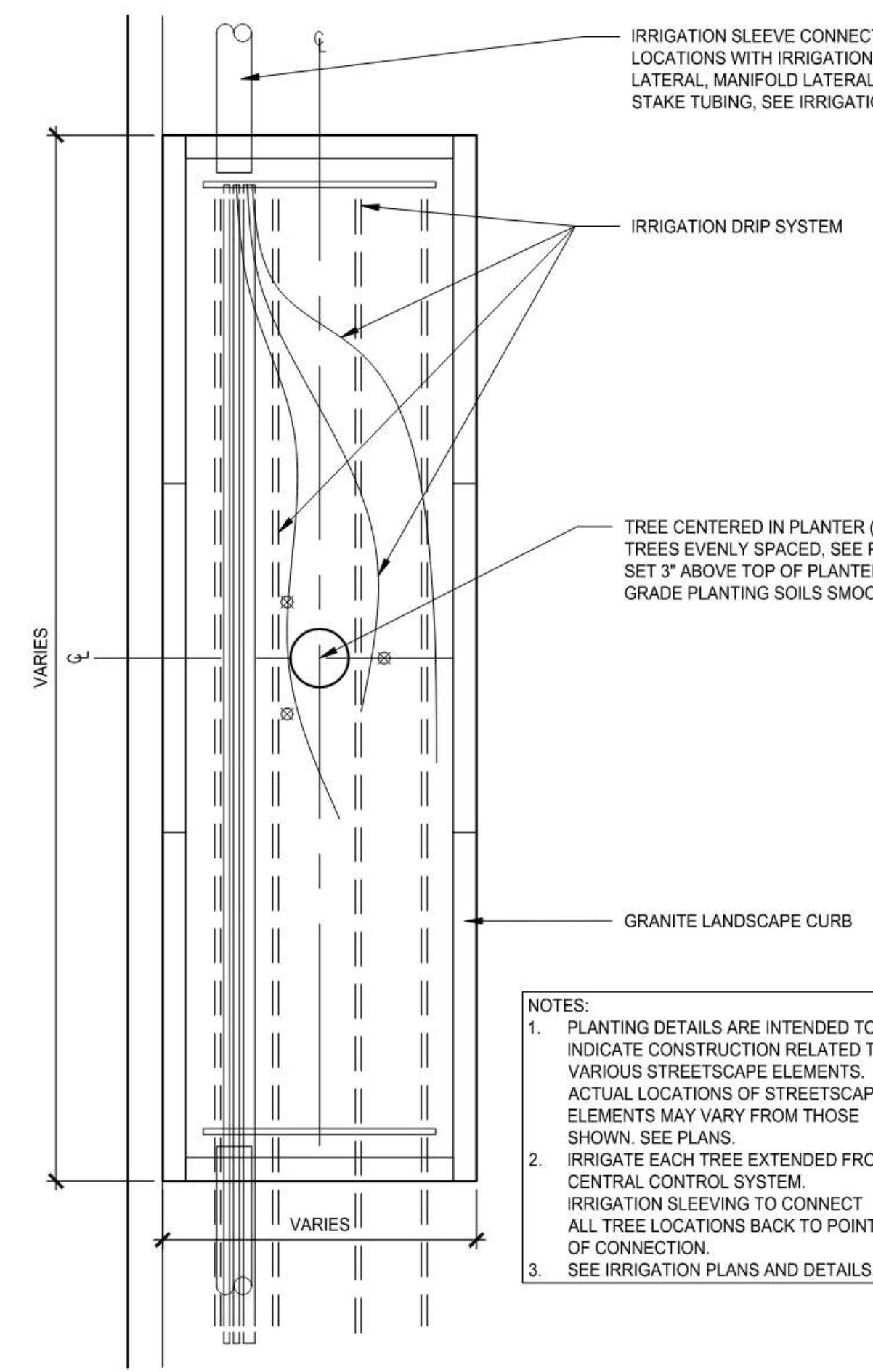
SCALE: 3

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

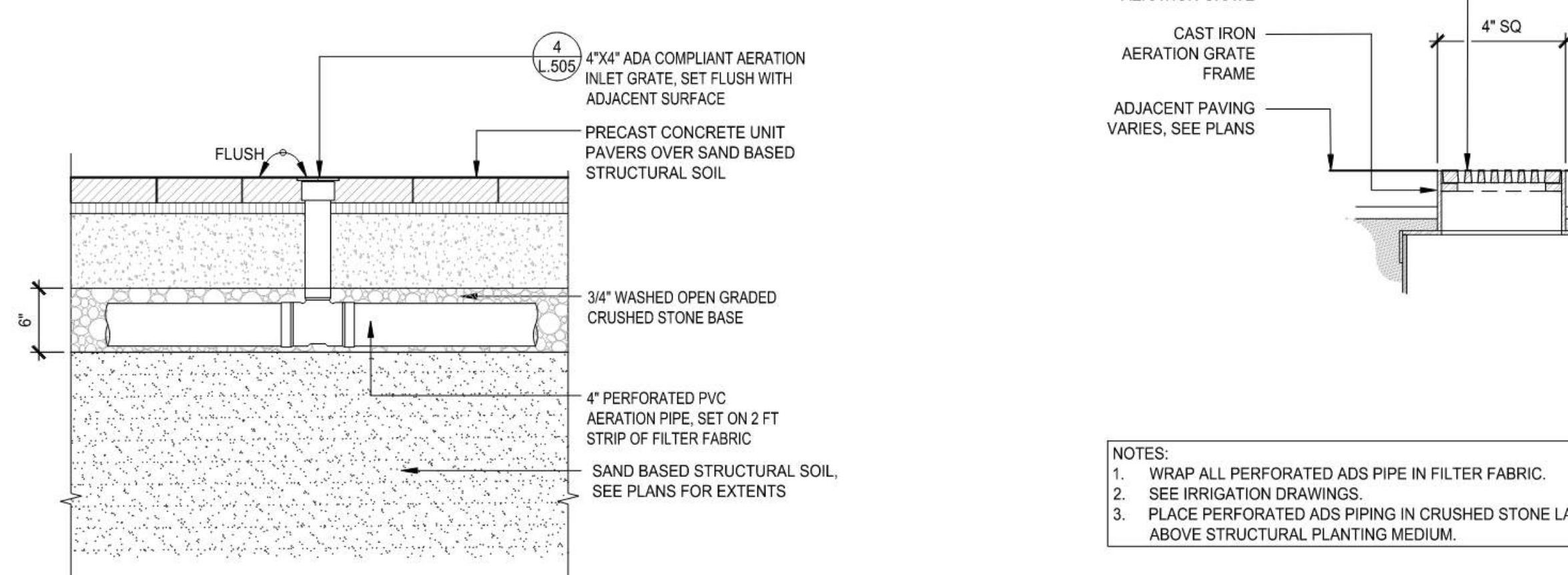
| MARK | DATE | DESCRIPTION | | | |
|--|---------------------------------|--|----------|-----------|---------------|
| STREETSCAPE DETAILS | | | | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS | | | | | |
| 20-24 VIA TOSCANA MAP 108 LOT 12657 | | | | | |
| PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC | | | | | |
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| <u>SALEM PLANNING BOARD</u> <u>APPROVAL</u> | | <u>OWNER</u> TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | | | | |
| PROJECT NO: | FILE: | DRAWN BY: | CHECKED: | APPROVED: | SHEET: |
| M1775-0050 | L500 Details B1300 [PERMIT].dwg | JDG | BU | JMP | L. 504 |



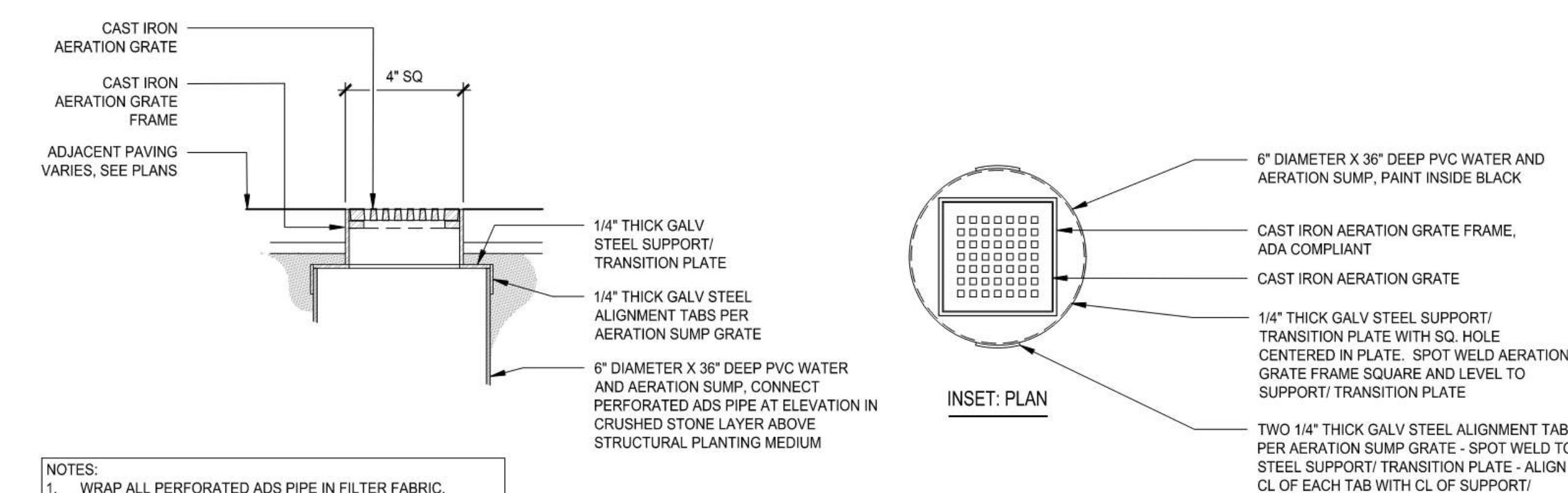
1 WATER AND AERATION SYSTEM IN STREETSCAPE
SCALE: 1/2"=1'-0"



3 WATER AND IRRIGATION SYSTEM IN RAISED PLANTER
SCALE: 1/2"=1'-0"

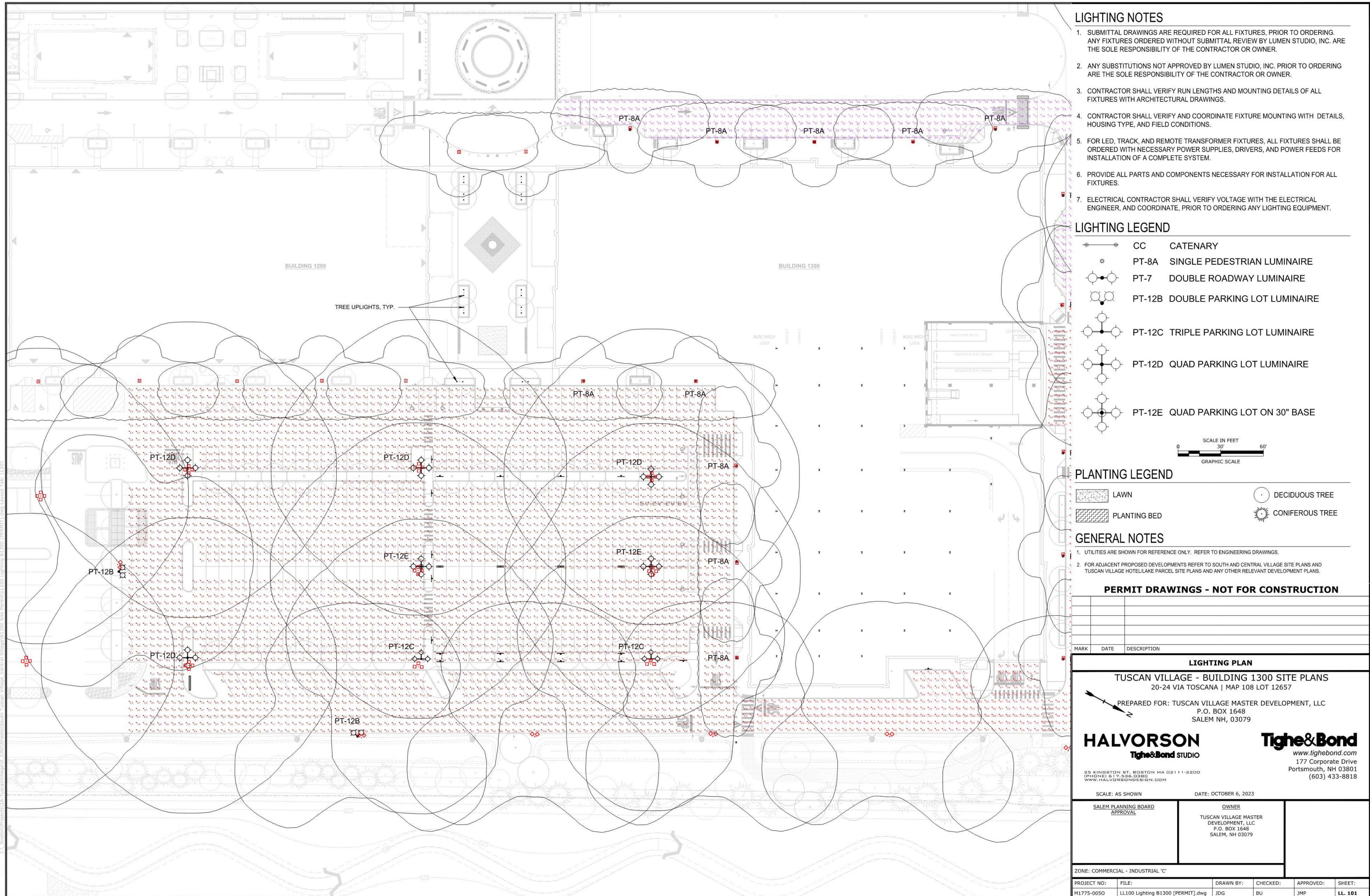


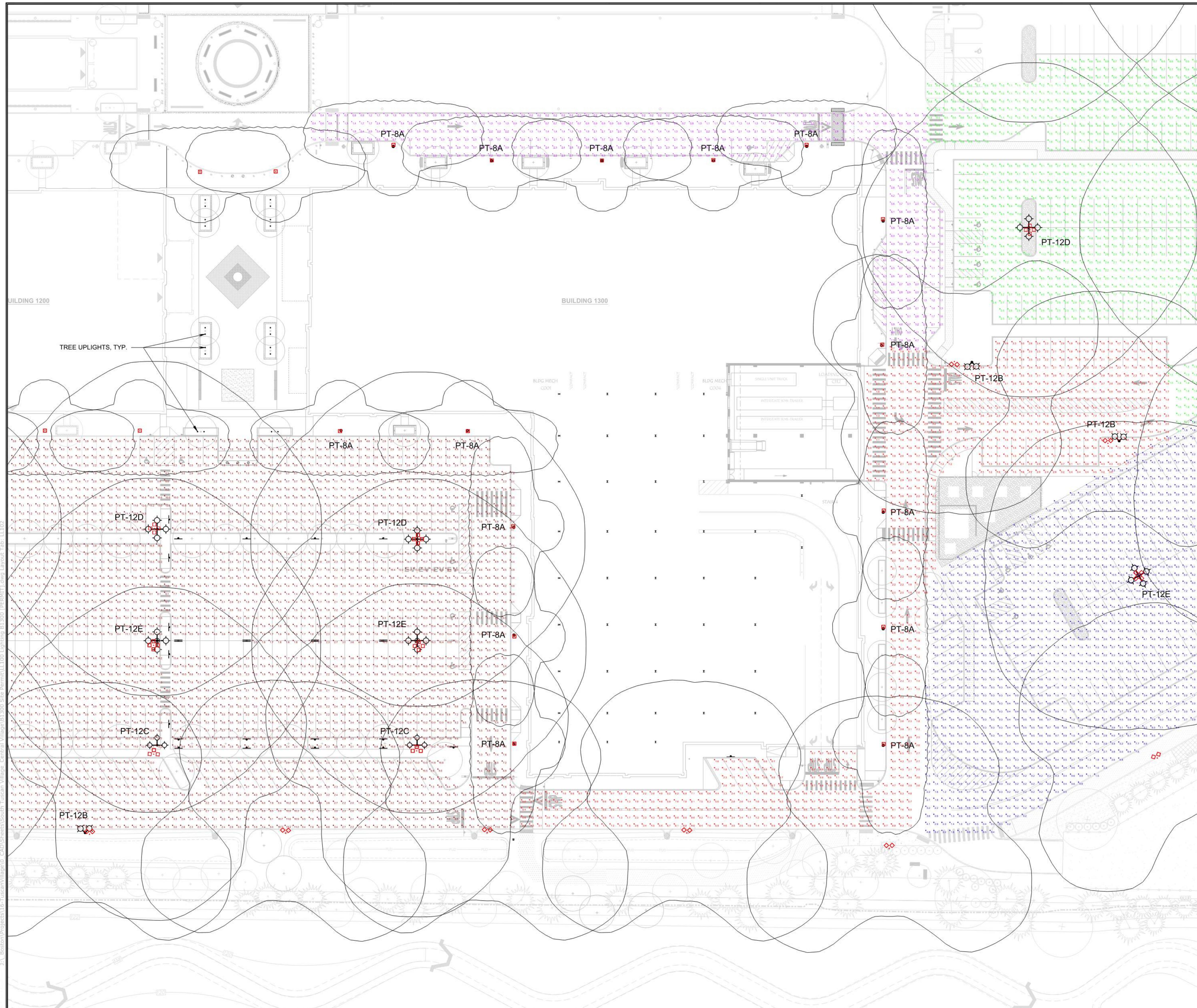
2 AERATION GRATE
Scale: 1"=1'-0"



4 WATER AND AERATION SUMP WITH GRATE AND FRAME
SCALE: 3"=1'-0"

| PERMIT DRAWINGS - NOT FOR CONSTRUCTION | | |
|--|---------------------------------|-------------|
| MARK | DATE | DESCRIPTION |
| STREETSCAPE DETAILS | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA MAP 108 LOT 12657 PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | | |
| HALVORSON Tighe&Bond STUDIO 25 KINGSTON ST, BOSTON MA 02111-2200 (PHONE) 617.536.0380 WWW.HALVORSONDESIGN.COM | | |
| Tighe&Bond www.tighebond.com 177 Corporate Drive Portsmouth, NH 03801 (603) 433-8818 | | |
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| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | |
| PROJECT NO: | FILE: | DRAWN BY: |
| M1775-0050 | L500 Details B1300 [PERMIT].dwg | JDG |
| | BU | JMP |
| | | L. 505 |





LIGHTING NOTES

1. SUBMITTAL DRAWINGS ARE REQUIRED FOR ALL FIXTURES, PRIOR TO ORDERING. ANY FIXTURES ORDERED WITHOUT SUBMITTAL REVIEW BY LUMEN STUDIO, INC. ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR OWNER.
2. ANY SUBSTITUTIONS NOT APPROVED BY LUMEN STUDIO, INC. PRIOR TO ORDERING ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR OR OWNER.
3. CONTRACTOR SHALL VERIFY RUN LENGTHS AND MOUNTING DETAILS OF ALL FIXTURES WITH ARCHITECTURAL DRAWINGS.
4. CONTRACTOR SHALL VERIFY AND COORDINATE FIXTURE MOUNTING WITH DETAILS, HOUSING TYPE, AND FIELD CONDITIONS.
5. FOR LED, TRACK, AND REMOTE TRANSFORMER FIXTURES, ALL FIXTURES SHALL BE ORDERED WITH NECESSARY POWER SUPPLIES, DRIVERS, AND POWER FEEDS FOR INSTALLATION OF A COMPLETE SYSTEM.
6. PROVIDE ALL PARTS AND COMPONENTS NECESSARY FOR INSTALLATION FOR ALL FIXTURES.
7. ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGE WITH THE ELECTRICAL ENGINEER, AND COORDINATE, PRIOR TO ORDERING ANY LIGHTING EQUIPMENT.

LIGHTING LEGEND

| | | |
|--|--------|------------------------------|
| | CC | CATENARY |
| | PT-8A | SINGLE PEDESTRIAN LUMINAIRE |
| | PT-7 | DOUBLE ROADWAY LUMINAIRE |
| | PT-12B | DOUBLE PARKING LOT LUMINAIRE |
| | PT-12C | TRIPLE PARKING LOT LUMINAIRE |
| | PT-12D | QUAD PARKING LOT LUMINAIRE |
| | PT-12E | QUAD PARKING LOT ON 30" BASE |

SCALE IN FEET
0 30'
GRAPHIC SCALE

- DECIDUOUS TREE
- CONIFEROUS TREE

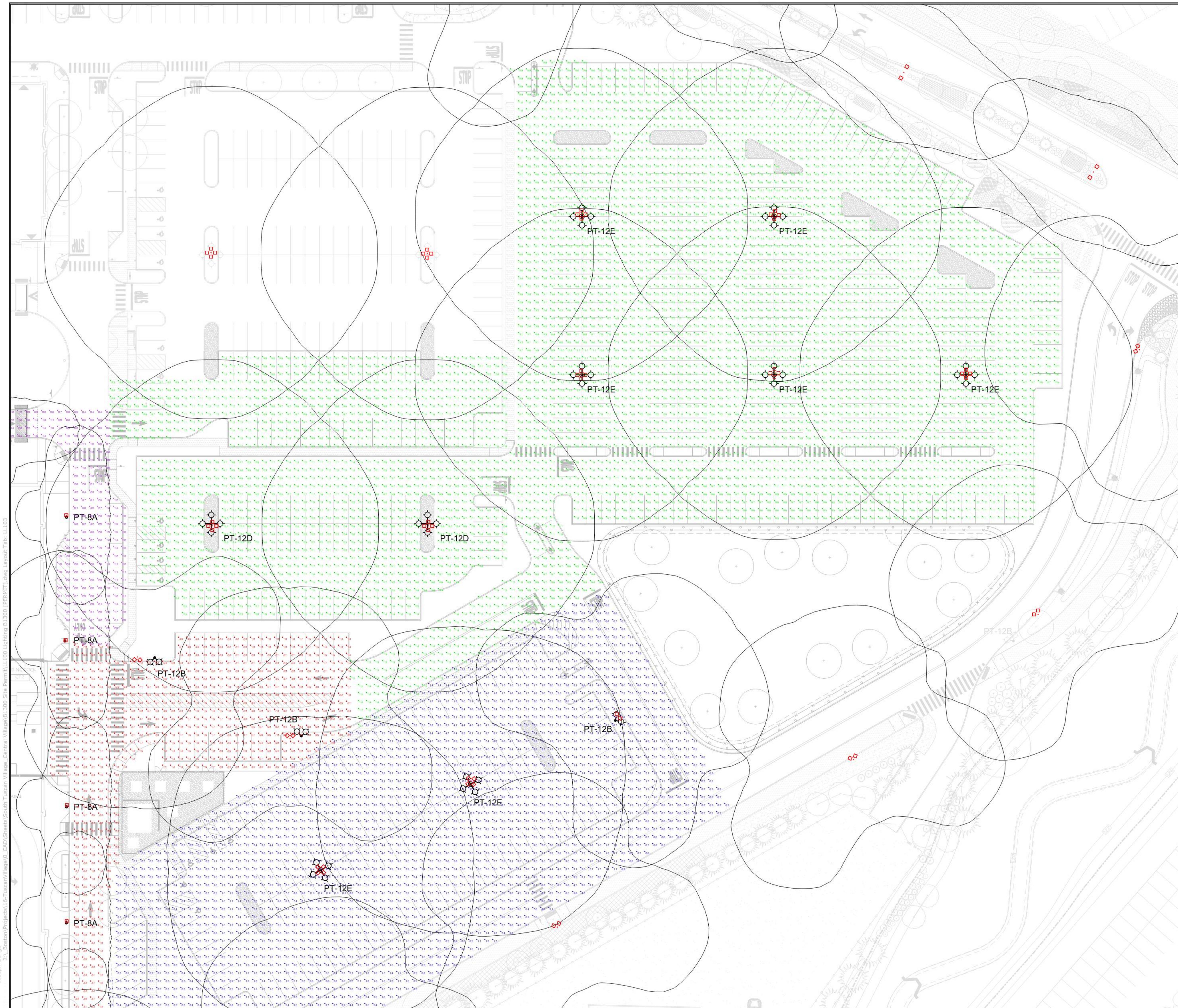
^{4.0} ^{3.1}
^{3.8} ^{2.8} GENERAL NOTES

1. UTILITIES ARE SHOWN FOR REFERENCE ONLY. REFER TO ENGINEERING DRAWINGS.

2. FOR ADJACENT PROPOSED DEVELOPMENTS REFER TO SOUTH AND CENTRAL VILLAGE SITE PLANS AND TUSCAN VILLAGE HOTEL/LAKE PARCEL SITE PLANS AND ANY OTHER RELEVANT DEVELOPMENT PLANS.

PERMIT DRAWINGS - NOT FOR CONSTRUCTION

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LIGHTING NOTES

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6. PROVIDE ALL PARTS AND COMPONENTS NECESSARY FOR INSTALLATION FOR ALL FIXTURES.
7. ELECTRICAL CONTRACTOR SHALL VERIFY VOLTAGE WITH THE ELECTRICAL ENGINEER, AND COORDINATE, PRIOR TO ORDERING ANY LIGHTING EQUIPMENT.

LIGHTING LEGEND

- CC CATENARY
- PT-8A SINGLE PEDESTRIAN LUMINAIRE
- PT-7 DOUBLE ROADWAY LUMINAIRE
- PT-12B DOUBLE PARKING LOT LUMINAIRE
- PT-12C TRIPLE PARKING LOT LUMINAIRE
- PT-12D QUAD PARKING LOT LUMINAIRE
- PT-12E QUAD PARKING LOT ON 30" BASE

SCALE IN FEET
0 30' 60'
GRAPHIC SCALE

PLANTING LEGEND

- LAWN
- PLANTING BED
- DECIDUOUS TREE
- CONIFEROUS TREE

GENERAL NOTES

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PERMIT DRAWINGS - NOT FOR CONSTRUCTION

| MARK | DATE | DESCRIPTION | | | | |
|--|-------|-------------|----------------------------------|-------|---|--|
| LIGHTING PLAN | | | | | | |
| TUSCAN VILLAGE - BUILDING 1300 SITE PLANS 20-24 VIA TOSCANA MAP 108 LOT 12657 PREPARED FOR: TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM NH, 03079 | | | | | | |
| HALVORSON Tighe&Bond STUDIO 25 KINNISON ST, BOSTON MA 02111-2200 PHONE: 617.536.0380 WWW.HALVORSONDESIGN.COM | | | | | | |
| SCALE: AS SHOWN DATE: OCTOBER 6, 2023 | | | | | | |
| <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">SALEM PLANNING BOARD APPROVAL</td> <td style="width: 50%;">OWNER</td> </tr> <tr> <td>TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079</td> <td></td> </tr> </table> | | | SALEM PLANNING BOARD APPROVAL | OWNER | TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | |
| SALEM PLANNING BOARD APPROVAL | OWNER | | | | | |
| TUSCAN VILLAGE MASTER DEVELOPMENT, LLC P.O. BOX 1648 SALEM, NH 03079 | | | | | | |
| ZONE: COMMERCIAL - INDUSTRIAL 'C' | | | | | | |
| PROJECT NO.: FILE: DRAWN BY: CHECKED: APPROVED: SHEET: M1775-0050 LL100 Lighting B1300 [PERMIT].dwg JDG BU JMF LL. 103 | | | | | | |

Tighe&Bond
www.tighebond.com
 177 Corporate Drive
 Portsmouth, NH 03801
 (603) 433-8818

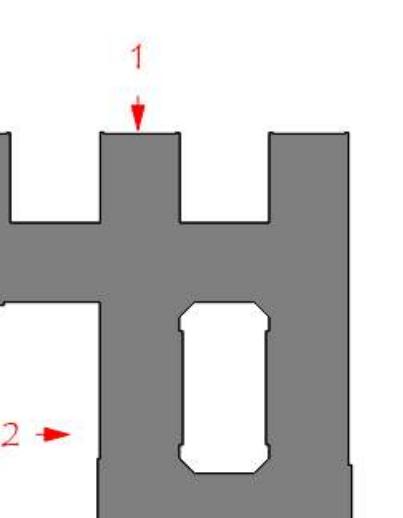
1300 VIA TOSCANA
SALEM, NH 03079

BUILDING 1300

MAR
KET
SQUARE

ARCHITECTS
104 Congress St., Ste. 203
Portsmouth, NH 03801
Phone: 603.267.0202

| ELEVATION FINISH KEY | | |
|----------------------|--|--|
| TAG | TYPE | MANUFACTURER/ COMMENTS |
| STN-V | THIN ADHERED STONE VENEER | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-TELE RENAISSANCE RS758 TILE COLOR: WHITE SMOOTH MORTAR COLOR: TRD SIZE: 7-5/8" H X 25-5/8" W X 5/8" T |
| STN-F | FULL BED STONE VENEER | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS FULL BED RENAISSANCE REN758 COLOR: WHITE SMOOTH MORTAR COLOR: TRD SIZE: 7-5/8" H X 25-5/8" W X 5-5/8" |
| STN-2 | FULL BED STONE VENEER | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS FULL BED RENAISSANCE REN758 COLOR: BIRCHBARK SMOOTH MORTAR COLOR: TRD SIZE: 7-5/8" H X 25-5/8" W X 5-5/8" |
| RRK-V | THIN BRICK - VENEER BAND | MANUFACTURER (BASIS OF DESIGN): METROBRICK STYLE: MODULAR THIN BRICK, STANDARD RUNNING BOND, 1/2" THICK, MODULAR PANEL SYSTEM COLOR: ALABASTER SMOOTH MORTAR COLOR: TRD SIZE: 2-1/4" H X 7-5/8" W X 5/8" |
| RRK-B16 | THIN BRICK VENEER BAND | MANUFACTURER (BASIS OF DESIGN): METROBRICK STYLE: MODULAR THIN BRICK, SOLDIER COURSE ON TABS 2 MODULAR PANEL SYSTEM COLOR: ALABASTER SMOOTH MORTAR COLOR: TRD |
| CP-1 | CORNICE PROFILE: 1 FIBER CEMENT TRIM | MANUFACTURER: JAMES HARDIE TRIM: 4'-0" TALL - PROFILE CP-1 COLOR: IRON GRAY SEALANT JOINT: IRON GRAY |
| CP-2 | CORNICE PROFILE: 2 FIBER CEMENT TRIM | MANUFACTURER: JAMES HARDIE TRIM: 3'-0" TALL - PROFILE CP-2 - ROOF COLOR: PEARL GRAY SEALANT JOINT: PEARL GRAY |
| CP-5 | CORNICE PROFILE: 4 GFRP | MANUFACTURER: GLASS FIBER REINFORCED POLYMER: 2'-8" TALL - PROFILE CP-5 - RETAIL BAND COLOR: MATCH CP-2 COLOR (PEARL GRAY) SEALANT JOINT: MATCH CP-2 COLOR (PEARL GRAY) |
| CP-5A | CORNICE PROFILE | TRD |
| CP-3B | CORNICE PROFILE | TRD |
| CP-4 | CORNICE PROFILE: 5 FIBER CEMENT TRIM | MANUFACTURER: JAMES HARDIE TRIM: 2'-8" TALL - PROFILE CP-4 COLOR: NIGHT GRAY SEALANT JOINT: NIGHT GRAY |
| FCT-RA | FIBER CEMENT TRIM | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE TRIM: 8' TRIM BAND COLOR: PEARL GRAY SEALANT JOINT: PEARL GRAY |
| FCT-B8 | FIBER CEMENT TRIM | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE TRIM: 8' TRIM BAND COLOR: MIDNIGHT BLACK SEALANT JOINT: MIDNIGHT BLACK |
| FCP-1 | FIBER CEMENT PANEL: 1 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE COLOR: NIGHT GRAY SEALANT JOINT: NIGHT GRAY |
| FCP-2 | FIBER CEMENT PANEL: 2 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE COLOR: IRON GRAY SEALANT JOINT: IRON GRAY |
| FCP-5 | FIBER CEMENT PANEL: 5 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE COLOR: ARCTIC WHITE SEALANT JOINT: ARCTIC WHITE |
| FCP-4 | FIBER CEMENT PANEL: 4 | MANUFACTURER (BASIS OF DESIGN): CERACLAD BOARD FORMED CONCRETE COLOR: WARM GRAY SEALANT JOINT: TRD |
| FCS-1 | FIBER CEMENT LAP SIDING: 1 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE STYLE: 7" EXPOSURE LAP SIDING COLOR: GRAY SLATE SEALANT JOINT: GRAY SLATE |
| FCS-2 | FIBER CEMENT LAP SIDING: 2 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE STYLE: 7" EXPOSURE LAP SIDING COLOR: ARCTIC WHITE SEALANT JOINT: ARCTIC WHITE |
| FCS-5 | FIBER CEMENT LAP SIDING: 5 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE STYLE: 7" EXPOSURE LAP SIDING COLOR: NIGHT GRAY SEALANT JOINT: NIGHT GRAY |
| PCI-B52A | PRECAST BAND | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-CAST PRECAST STONE 32" PROFILE COLOR: TO MATCH STN-1 MORTAR COLOR: MATCH STN-1 |
| PC-B52 | PRECAST BAND | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-CAST PRECAST STONE 32" PROFILE COLOR: TO MATCH STN-2 MORTAR COLOR: MATCH STN-2 |
| PC-B52B | PRECAST BAND | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-CAST PRECAST STONE 32" PROFILE COLOR: TO MATCH STN-1 MORTAR COLOR: MATCH STN-1 |
| GR-1 | GRANITE BASE | MANUFACTURER (BASIS OF DESIGN): EARTHWORKS STONE COLOR: TRD MORTAR COLOR: TRD |
| LVR-1 | EXTERIOR METAL LOUVER | PREFINISHED EXT. ALUM. LOUVER COLOR: BLACK |
| LVR-2 | EXTERIOR LOUVER | PREFINISHED EXT. ALUM. LOUVER COLOR: MATCH ADJACENT SIDING |
| CW-IV | CURTAINWALL WINDOW SYSTEM | MANUFACTURER (BASIS OF DESIGN): KNAUFNEER 1600 EXT. ALUM. CURTAINWALL SYSTEM COLOR: BLACK SEALANT JOINT COLOR: BLACK |
| LF | EXTERIOR LIGHT | WALL SCONCE: TRD |
| SIGN-1 | EXTERIOR TENANT SIGNAGE | EXTERIOR SIGNAGE - BY TENANT ROUGH-IN POWER TO LOCATION |
| CJ | MASONRY CONTROL JOINT | COLOR: MATCH ADJACENT MASONRY, TYP. |
| GR-1 | FRAMELESS GLASS GUARDRAIL WITH METAL POSTS AND CLIPS | FRAMELESS GLASS GUARDRAIL WITH METAL POSTS AND CLIPS COLOR: TRD |
| GR-2 | METAL GUARDRAIL | MANUFACTURER (BASIS OF DESIGN): FAIRWAY ARCHITECTURAL RAILING SOLUTIONS STYLE: CORONADO ALUMINUM TOP RAIL WITH HORIZONTAL BALUSTERS COLOR: BLACK |
| SC-1 | STEEL CANOPY | STEEL CANOPY COLOR: BLACK |
| SP-1 | SPANDREL GLASS | SPANDREL GLASS |



NOT FOR
CONSTRUCTION

| Title: | EXTERIOR ELEVATIONS | Scale: | Drawn By: | Checked By: | Date: |
|--------------|---------------------|-----------------------------|-----------|-------------|------------|
| REVISIONS | # | Description | | | |
| As indicated | VIA | | BH/RJH | | 09/01/2023 |
| 20/20104 | | Project No.: GMP/PERMIT SET | | | 09/01/2023 |

1 WEST ELEVATION

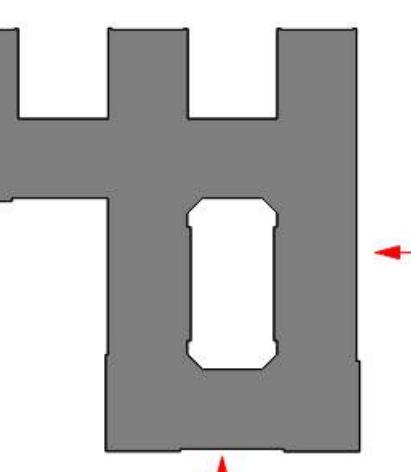
SCALE: 1/16" = 1'-0"



2 SOUTH ELEVATION

SCALE: 1/16" = 1'-0"





1

NOT FOR
CONSTRUCTION

| ELEVATION FINISH KEY | | |
|----------------------|--|---|
| TAG | TYPE | MANUFACTURER / COMMENTS |
| STN-V | THIN ADHERED STONE VENEER | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-TILE RENAISSANCE RS758 TILE COLOR: WHITE SMOOTH MORTAR COLOR: TRD SIZE: 7-5/8" H x 25-5/8" W x 5-1/4" T |
| STN-1 | FULL BED STONE VENEER | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS FULL BED RENAISSANCE REN758 COLOR: BIRCHBARK SMOOTH MORTAR COLOR: TRD SIZE: 7-5/8" H x 25-5/8" W x 5-5/8" T |
| STN-2 | FULL BED STONE VENEER | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS FULL BED RENAISSANCE REN758 COLOR: BIRCHBARK SMOOTH MORTAR COLOR: TRD SIZE: 7-5/8" H x 25-5/8" W x 5-5/8" T |
| BRK-V | THIN BRICK - VENEER | MANUFACTURER (BASIS OF DESIGN): METROBRICK STYLE: MODULAR THIN BRICK, STANDARD RUNNING BOND COLOR: ALLABASTER SMOOTH MORTAR COLOR: TRD SIZE: 2-1/4" H x 7-5/8" W x 5-5/8" T |
| BRK-B-16 | THIN BRICK VENEER BAND | MANUFACTURER (BASIS OF DESIGN): METROBRICK STYLE: MODULAR THIN BRICK, SOLDIER COURSE ON TABS 2 MODULAR PANEL SYSTEM COLOR: ALLABASTER SMOOTH MORTAR COLOR: TRD |
| CP-1 | CORNICE PROFILE: 1 FIBER CEMENT TRIM | MANUFACTURER: JAMES HARDIE TRIM: 4'-0" TALL - PROFILE CP-1 COLOR: IRON GRAY SEALANT JOINT: IRON GRAY |
| CP-2 | CORNICE PROFILE: 2 FIBER CEMENT TRIM | MANUFACTURER: JAMES HARDIE TRIM: 2'-0" TALL - PROFILE CP-2 - ROOF COLOR: PEARL GRAY SEALANT JOINT: PEARL GRAY |
| CP-5 | CORNICE PROFILE: 4 GFRP | MANUFACTURER: GLASS FIBER REINFORCED POLYMER: 2'-8" TALL - PROFILE CP-5 - RETAIL BAND COLOR: MATCH CP-2 COLOR (PEARL GRAY) SEALANT JOINT: MATCH CP-2 COLOR (PEARL GRAY) |
| CP-5A | CORNICE PROFILE | TRD |
| CP-3B | CORNICE PROFILE | TRD |
| CP-4 | CORNICE PROFILE: 5 FIBER CEMENT TRIM | MANUFACTURER: JAMES HARDIE TRIM: 2'-8" TALL - PROFILE CP-4 COLOR: NIGHT GRAY SEALANT JOINT: NIGHT GRAY |
| FCT-8A | FIBER CEMENT TRIM: 8' TRIM BAND | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE TRIM: 8' TRIM BAND COLOR: MIDNIGHT BLACK SEALANT JOINT: MIDNIGHT BLACK |
| FCT-8B | FIBER CEMENT TRIM: 8' TRIM BAND | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE TRIM: 8' TRIM BAND COLOR: MIDNIGHT BLACK SEALANT JOINT: MIDNIGHT BLACK |
| FCP-1 | FIBER CEMENT PANEL: 1 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE COLOR: NIGHT GRAY SEALANT JOINT: NIGHT GRAY |
| FCP-2 | FIBER CEMENT PANEL: 2 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE COLOR: IRON GRAY SEALANT JOINT: IRON GRAY |
| FCP-5 | FIBER CEMENT PANEL: 5 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE COLOR: ARCTIC WHITE SEALANT JOINT: ARCTIC WHITE |
| FCP-4 | FIBER CEMENT PANEL: 4 | MANUFACTURER (BASIS OF DESIGN): CERACLAD BOARD FORMED CONCRETE COLOR: WARM GRAY SEALANT JOINT: TRD |
| FCS-1 | FIBER CEMENT LAP SIDING: 1 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE STYLED: 7" EXPOSURE LAP SIDING COLOR: GRAY SLATE SEALANT JOINT: GRAY SLATE |
| FCS-2 | FIBER CEMENT LAP SIDING: 2 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE STYLED: 7" EXPOSURE LAP SIDING COLOR: ARCTIC WHITE SEALANT JOINT: ARCTIC WHITE |
| FCS-5 | FIBER CEMENT LAP SIDING: 5 | MANUFACTURER (BASIS OF DESIGN): JAMES HARDIE STYLED: 7" EXPOSURE LAP SIDING COLOR: NIGHT GRAY SEALANT JOINT: NIGHT GRAY |
| PCI-852A | PRECAST BAND | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-CAST PRECAST STONE 32" PROFILE COLOR: TO MATCH STN-1 MORTAR COLOR: MATCH STN-1 |
| PC-852 | PRECAST BAND | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-CAST PRECAST STONE 32" PROFILE COLOR: TO MATCH STN-2 MORTAR COLOR: MATCH STN-2 |
| PC-852B | PRECAST BAND | MANUFACTURER (BASIS OF DESIGN): ARRIS CRAFT STYLE: ARRIS-CAST PRECAST STONE 32" PROFILE COLOR: TO MATCH STN-2 MORTAR COLOR: MATCH STN-1 |
| GR-1 | GRANITE BASE | MANUFACTURER (BASIS OF DESIGN): EARTHENSTONE COLOR: TRD MORTAR COLOR: TRD |
| LVR-1 | EXTERIOR METAL LOUVER | PREFINISHED EXT. ALUM. LOUVER COLOR: BLACK |
| LVR-2 | EXTERIOR LOUVER | PREFINISHED EXT. ALUM. LOUVER COLOR: MATCH ADJACENT SIDING |
| CW-IV | CURTAINWALL WINDOW SYSTEM | MANUFACTURER (BASIS OF DESIGN): KNAUFNEER 1600 EXT. ALUM. CURTAINWALL SYSTEM COLOR: BLACK SEALANT JOINT COLOR: BLACK |
| LF | EXTERIOR LIGHT | WALL SCONCE: TRD |
| SIGN-1 | EXTERIOR TENANT SIGNAGE | EXTERIOR SIGNAGE - BY TENANT ROUGH-IN POWER TO LOCATION |
| CJ | MASONRY CONTROL JOINT | COLOR: MATCH ADJ/ACENT MASONRY, TYP. |
| GR-1 | FRAMELESS GLASS GUARDRAIL WITH METAL POSTS AND CLIPS | FRAMELESS GLASS GUARDRAIL WITH METAL POSTS AND CLIPS COLOR: TRD |
| GR-2 | METAL GUARDRAIL | MANUFACTURER (BASIS OF DESIGN): FAIRWAY ARCHITECTURAL RAILING SOLUTIONS STYLE: CORONADO ALUMINUM TOP RAIL WITH HORIZONTAL BALUSTERS COLOR: BLACK |
| SC-1 | STEEL CANOPY | STEEL CANOPY COLOR: BLACK |
| SP-1 | SPANDREL GLASS | SPANDREL GLASS |



2 NORTH ELEVATION

SCALE: 1/16" = 1'-0"



1 EAST ELEVATION

SCALE: 1/16" = 1'-0"