

PROJECT NOTES:

- LOCATION: 269 BROADWAY
2 OSGOOD STREET
PARCEL ID'S: 612-52-3
612-52-2
- DEED: NORTHERN ESSEX REGISTRY
OF DEEDS
BOOK 17191 PAGE 137
- ZONE: CENTRAL BUSINESS DISTRICT (CBD)
- OVERLAY DISTRICT: METHUEN CENTER SMART GROWTH OVERLAY
DISTRICT (MCSGD)
- EXISTING USE: VACANT LOTS
- PROPOSED USE: MIXED-USE DEVELOPMENT
- OWNER/APPLICANT: JOWAMAR COMPANIES, LLC
300 BROADWAY
METHUEN, MA 01844

8. EXISTING CONDITIONS INFORMATION GENERATED FROM RECORD DOCUMENTS, READILY AVAILABLE INFORMATION AS WELL AS AN ON-GROUND SURVEY BY ANDOVER CONSULTANTS, INC. IN SEPTEMBER OF 2021.

9. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).

10. PLAN BEARINGS ARE BASED UPON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83), MAINLAND ZONE.

11. THIS PROPERTY IS NOT LOCATED IN A FLOOD HAZARD AREA AS DEPICTED BY THE FLOOD INSURANCE RATE MAP #25009C0206F (EFFECTIVE DATE JULY 3, 2012).

12. THE FOLLOWING WAIVERS ARE BEING REQUESTED FROM THE CITY OF METHUEN COMPREHENSIVE ZONING ORDINANCE REVISED THROUGH SEPTEMBER 5, 2017:

WAIVER #1: SECTION V-V.6.c - WAIVER FROM THE MAXIMUM RESIDENTIAL DENSITY.

WAIVER #2: SECTION V-V.7 - WAIVER FROM THE MINIMUM SIDE YARD SETBACK.

WAIVER #3: SECTION V-V.7 - WAIVER FROM THE MAXIMUM LOT COVERAGE.

WAIVER #4: SECTION V-V.7 - WAIVER FROM THE MINIMUM OPEN SPACE.

WAIVER #5: SECTION V-V.8.e - WAIVER FROM THE MINIMUM FRONT YARD SETBACK FROM BROADWAY.

WAIVER #6: SECTION V-V.10 - WAIVER FROM THE MINIMUM REQUIREMENT OF OFF-STREET PARKING.

WAIVER #7: SECTION VIII-B.5.g - WAIVER TO ALLOW OFF-STREET PARKING WITHIN 7.5-FEET FROM ALL BUILDINGS AND LOT LINES.

WAIVER #8: SECTION 9-91 - WAIVER FROM THE 25-FT FIRE LANE REQUIREMENT.

16. ALL WATER AND SEWER CONSTRUCTION ACTIVITIES SHALL BE PERFORMED BY A LICENSED TOWN DRAIN LAYER. ALL TESTING RESULTS FOR THE UTILITIES AND SERVICE TIE CARDS ARE REQUIRED TO BE SUBMITTED TO THE TOWN DPW ENGINEERING DIVISION.

17. CONTRACTOR SHALL SECURE A STREET OPENING PERMIT, A TRENCH PERMIT AND A SEWER AND WATER MAIN & SERVICE PERMIT FOR UTILITY CONSTRUCTION.

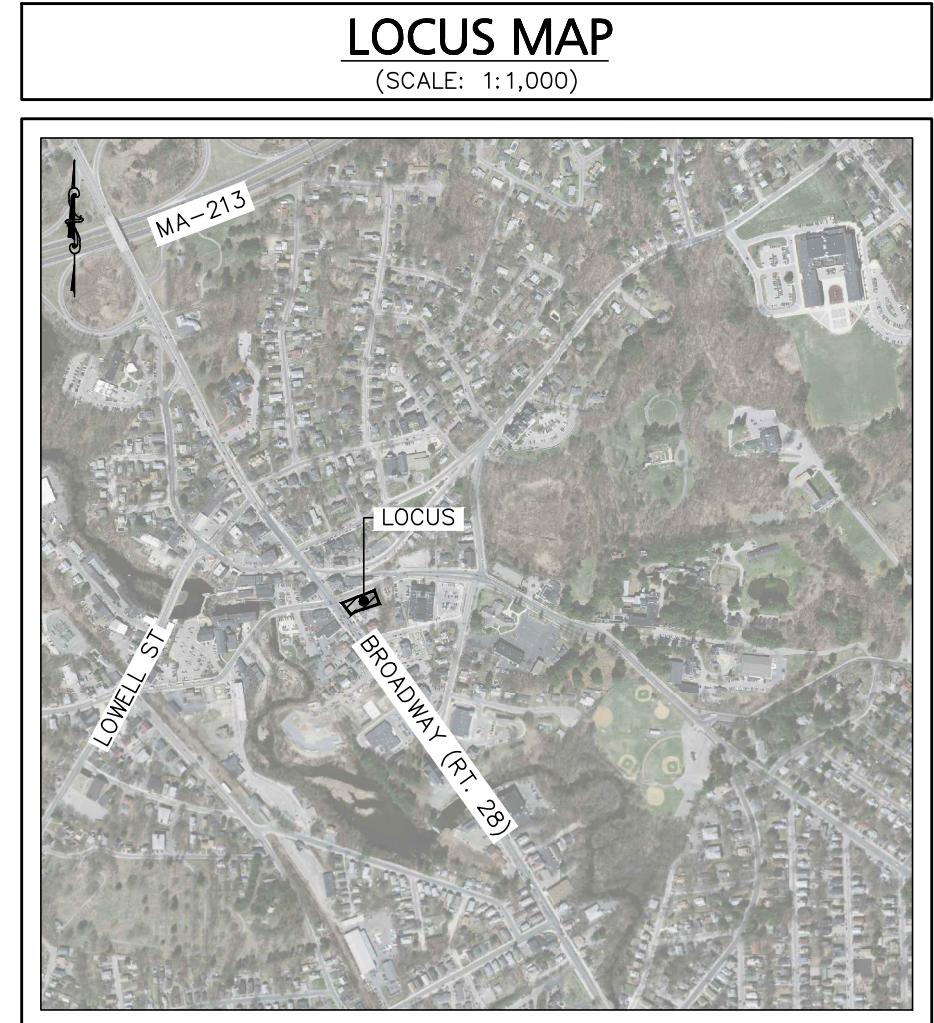
SITE DEVELOPMENT PLANS

FOR

269 BROADWAY & 2 OSGOOD STREET

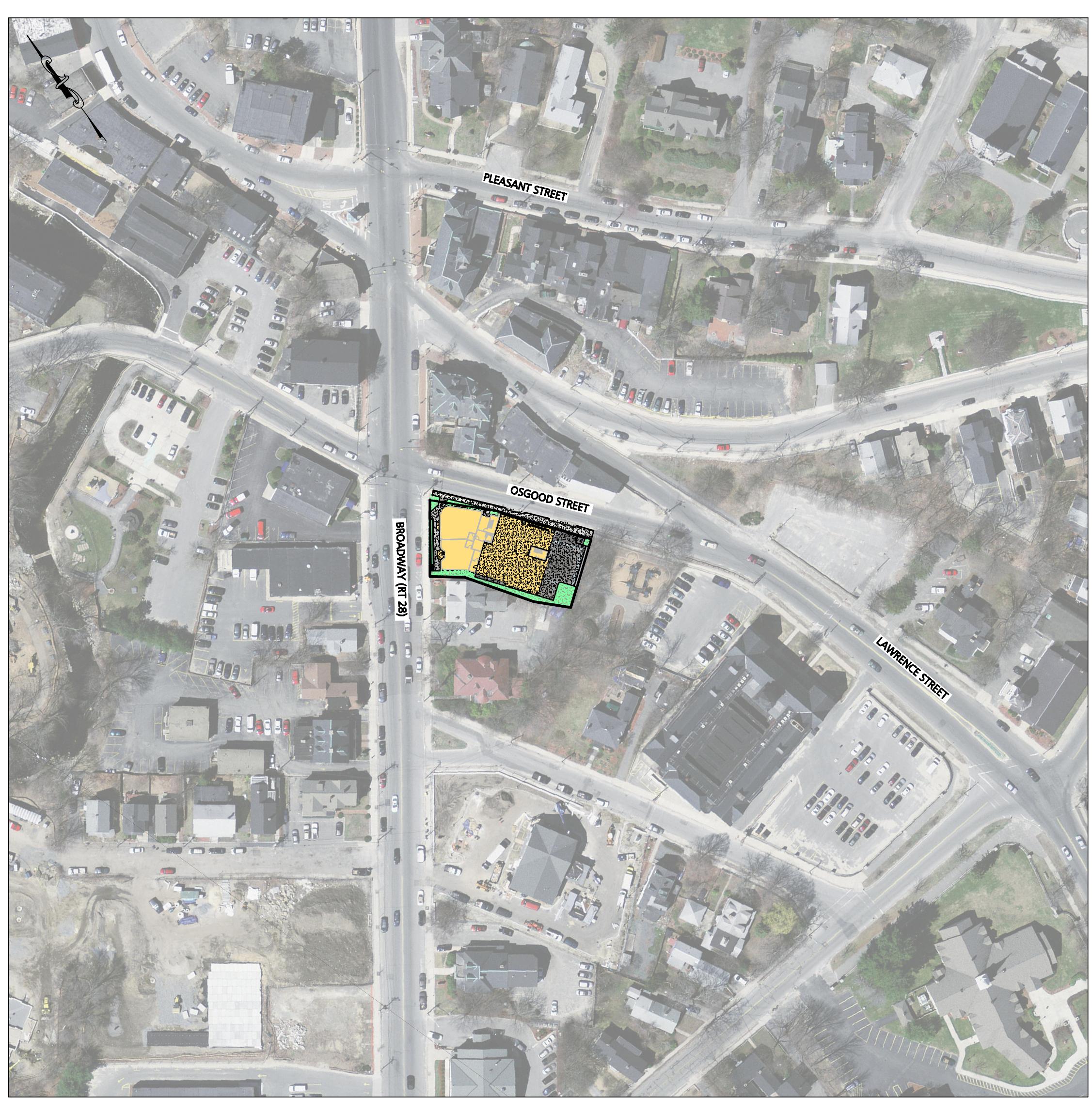
(PARCELS 612-52-2 & 612-52-3)

METHUEN, MASSACHUSETTS 01844



LEGEND	
PROPERTY LINE	_____
ABUTTERS PROPERTY LINE	— — — — —
PROPOSED STRUCTURE	██████████
PROPOSED CURB	███
PROPOSED PAVEMENT	XXXXX/XXXXX/XXXXX
PROPOSED POROUS PAVEMENT
PROPOSED CONCRETE	████████████████████
PROPOSED CONTOUR	148
PROPOSED SPOT GRADE	X 161.00
PROPOSED SPOT GRADE (TW/BW)	TW: 159.57 BW: 155.67
PROPOSED DRAIN	_____
PROPOSED SILT FENCE	X
PROPOSED RETAINING WALL	△ △ △ △
PROPOSED CHAINLINK FENCE	○ ○ ○ ○ ○
PROPOSED LANDSCAPE AREA	████████████████████
PROPOSED WATER	_____
PROPOSED SEWER	_____
PROPOSED ELECTRIC/TELEPHONE/CABLE	_____
PROPOSED PARKING COUNT	18
PROPOSED HANDICAP SPACE	♿
PROPOSED TRAFFIC ARROW	↓ ↑
PROPOSED SIGN	—
PROPOSED LIMIT OF WORK

CIVIL ABBREVIATIONS	
APPROX	APPROXIMATE
BIT	BITUMINOUS CONCRETE
CONC	CONCRETE
BC	BOTTOM OF CURB
BLDG	BUILDING
CB	CATCH BASIN
CAST	CAST IRON
CONC	CONCRETE
DMH	DRAIN MANHOLE
DYCL	DOUBLE YELLOW CENTERLINE
ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
ETC	ETC
EX	EXISTING
FT	FEET
GV	GAS VALVE
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
HYD	HYDRANT
INVERT IN	INVERT IN
(I)	(I)
LOW	INVERT OUT
MONITORING WELL	LIMIT OF WORK
MW	MONITORING WELL
N/F	NOW OR FORMERLY
PPM	PROPOSED PIPELINE
PPMH	PROPOSED PIPELINE BASIN
PDS	PROPOSED DRAIN MANHOLE
PSMH	PROPOSED OUTLET STRUCTURE
PROP	PROPOSED
PVC	PIPE MADE OF VINYL CHLORIDE PIPE
ROW	RIGHT OF WAY
SE	SQUARE FEET
SMH	SEWER MANHOLE
SWL	SOLID WHITE LINE
SYL	SOLID YELLOW LINE
TEMP	TEMPORARY BENCH MARK
TC	TOP OF CURB
TP	TEST PIT
TPY	TPY
UP	TYPICAL
VCC	UTILITY POLE
W/	VERTICAL GRANITE CURB
	WITH



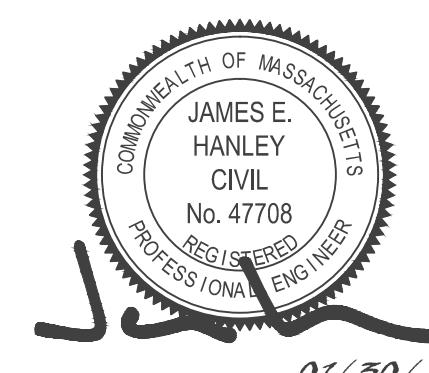
100 0 50 100
(IN FEET)
1'-100'

PLAN INDEX:

TITLE	DATE ISSUED	DATE REVISED
C-1 COVER SHEET	10/05/22	01/30/23
C-2 EXISTING CONDITIONS PLAN	10/05/22	01/30/23
C-3 LAYOUT & MATERIALS PLAN	10/05/22	01/30/23
C-4 GRADING, DRAINAGE & UTILITIES PLAN	10/05/22	01/30/23
D-1 CONSTRUCTION DETAILS	10/05/22	01/30/23
D-2 CONSTRUCTION DETAILS	10/05/22	01/30/23

01/30/23 REV. PER CITY COMMENTS
DATE DESCRIPTION
REVISIONS
OWNER / APPLICANT:
JOWAMAR COMPANIES, LLC
300 BROADWAY
METHUEN, MA 01844

PROJECT:
269 BROADWAY & 2 OSGOOD ST
METHUEN, MA 01844
DATE ISSUED: OCTOBER 5, 2022
PROJECT #: 21-10314
PREPARED BY: MAC



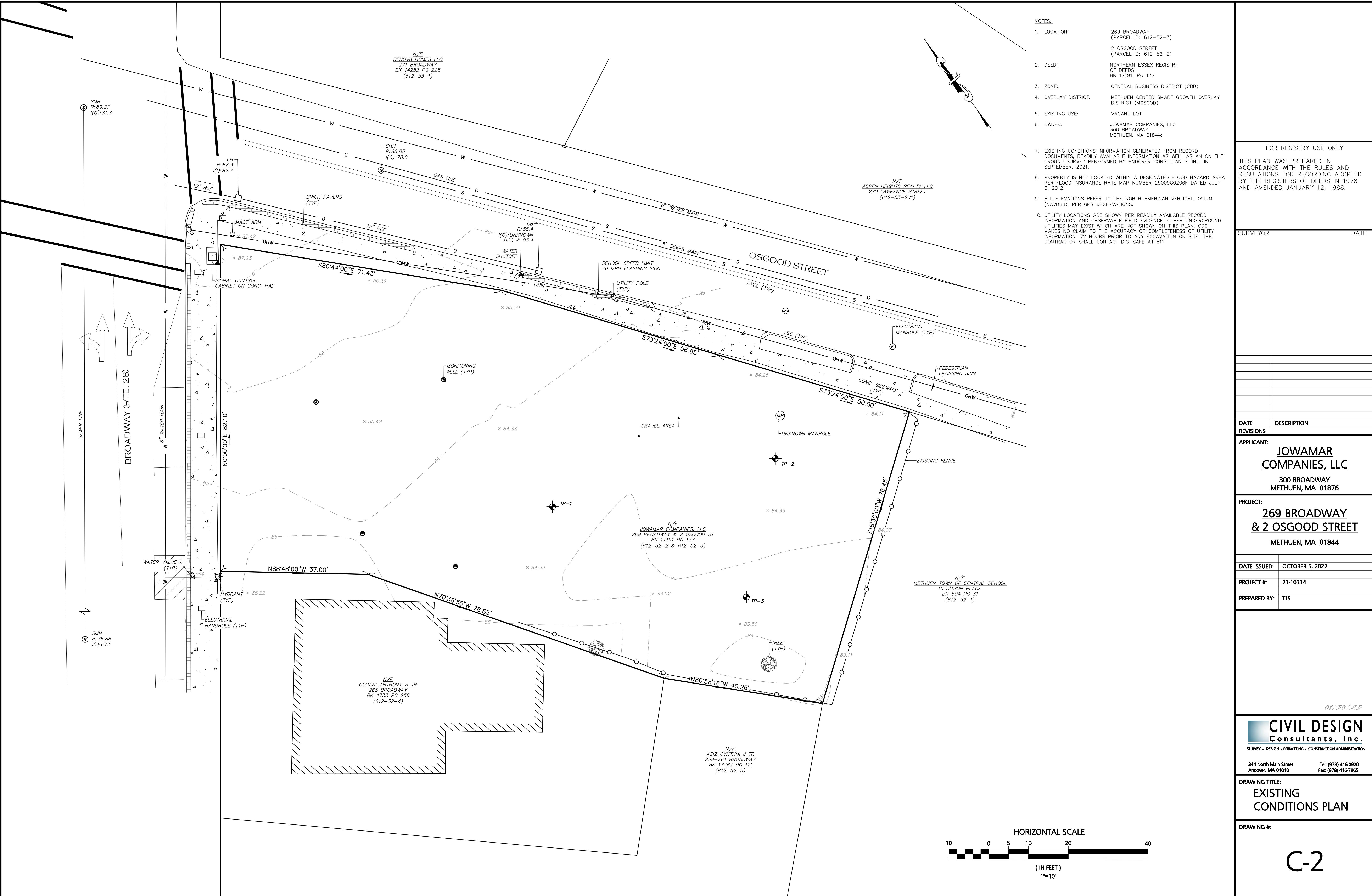
CIVIL DESIGN
Consultants, Inc.
SURVEY • DESIGN • PERMITTING • CONSTRUCTION ADMINISTRATION
344 North Main Street
Andover, MA 01810
Tel: (978) 416-5920
Fax: (978) 416-7865

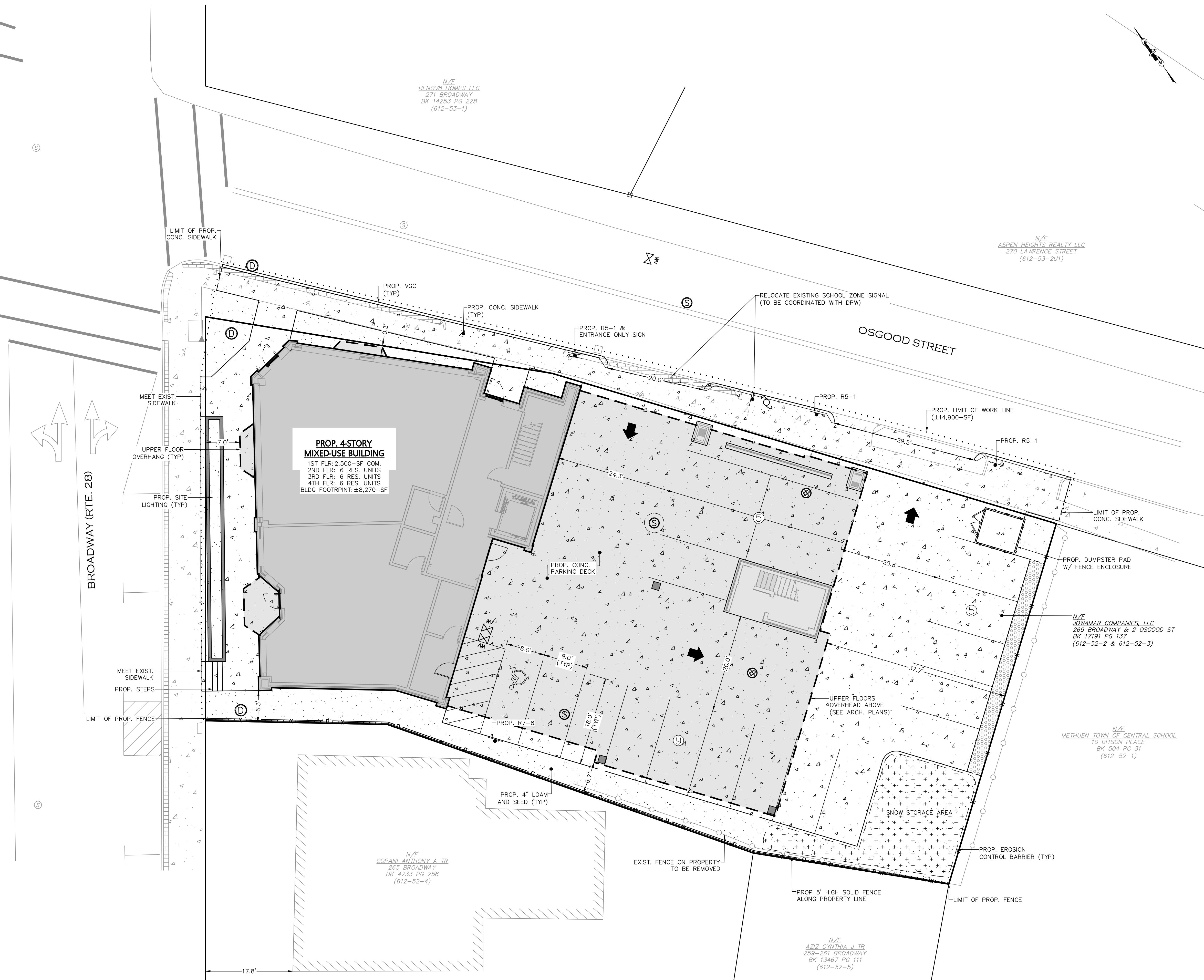
DRAWING TITLE:
COVER SHEET

DRAWING #:

C-1

ISSUED FOR APPROVAL: JANUARY 30, 2023





LAND USE TABLE

LOCATION:	269 BROADWAY (PARCEL ID:612-52-3)		
	2 OSGOOD STREET (PARCEL ID:612-52-2)		
ZONE:	CENTRAL BUSINESS (CBD)		
OVERLAY DISTRICT:	METHUEN CENTER SMART GROWTH OVERLAY DISTRICT (MCSGOD)		
	HISTORIC DISTRICT		
USE:	MIXED-USE DEVELOPMENT		
ITEM	CBD	MCSGOD	PROPOSED
MINIMUM LOT AREA	20,000-SF	0-SF	13,217-SF
MAXIMUM DENSITY	6 DU/ACRE	30 DU/ACRE	59 DU/ACRE ⁽³⁾
MINIMUM LOT FRONTAGE	80-FT	50-FT	82.1-FT
MINIMUM FRONT SETBACK	10-FT ⁽¹⁾	0-FT	0.3-FT
MINIMUM SIDE SETBACK	10-FT ⁽¹⁾	10-FT	6.3-FT ⁽²⁾
MINIMUM REAR SETBACK	10-FT ⁽¹⁾	10-FT	39.6-FT
MAX. NO. STORIES	4-STORIES	4-STORIES	4-STORIES
MAX. BUILDING HEIGHT	45-FT	45-FT	44-FT
MAX. LOT COVERAGE	40%	70%	83% ⁽²⁾
MIN. OPEN SPACE	60%	30%	17% ⁽²⁾
PARKING CALCULATIONS:			

FOR REGISTRY USE ONLY

ENGINEER DATE
**APPROVED BY THE CITY OF METHUEN
COMMUNITY DEVELOPMENT BOARD**

CERTIFICATE OF ACTION

DATE OF ENDORSEMENT

01/30/23	REV. PER CITY COMMENTS
DATE	DESCRIPTION

REVISIONS

OWNER / APPLICANT:

PROJECT:
269 BROADWAY &
2 OSGOOD ST
METHUEN, MA 01844

PROJECT #: 21-10314

PREPARED BY: MAC

NOTES

1. SEE SHEET C-1 FOR COMPLETE PROJECT NOTES.
2. SNOW WILL BE TRUCKED OFFSITE IF SNOW STORAGE AREA EXCEEDS CAPACITY.

SIGN SCHEDULE

REGULATORY DESIGNATION	SIGN	SIZE	MOUNTING HEIGHT	QUANTITY
R7-8		12" x 18"	5' - 0"	1
R5-1		30" x 30"	7' - 0"	3
N/A		18" x 24"	7' - 0"	1

PROFESSIONAL ENGINEER FOR CIVIL DESIGN
CONSULTANTS, INC.

CIVIL DESIGN

DRAWING TITLE:

DRAWING #:

C-3

NOTES:

1. SEE SHEET C-1 FOR COMPLETE PROJECT NOTES.
2. PLAN BEARINGS ARE BASED UPON THE MASSACHUSETTS STATE PLANE COORDINATE SYSTEM (NAD83) - MAINLAND ZONE, PER GPS OBSERVATIONS.
3. ALL ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88), PER GPS OBSERVATIONS.

FOR REGISTRY USE ONLY
THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS FOR RECORDING ADOPTED BY THE REGISTERS OF DEEDS IN 1978 AND AMENDED JANUARY 12, 1988.

ENGINEER DATE
APPROVED BY THE CITY OF METHUEN
COMMUNITY DEVELOPMENT BOARD

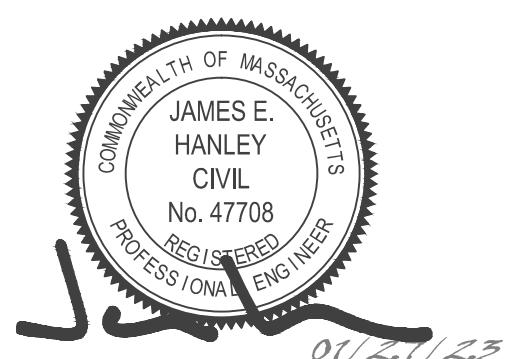
CERTIFICATE OF ACTION
DATE OF ENDORSEMENT

01/27/23 REV. PER CITY COMMENTS
DATE DESCRIPTION
REVISIONS

OWNER / APPLICANT:
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300 BROADWAY
METHUEN, MA 01844

PROJECT:
269 BROADWAY & 2 OSGOOD ST
METHUEN, MA 01844

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PROFESSIONAL ENGINEER FOR CIVIL DESIGN
CONSULTANTS, INC.

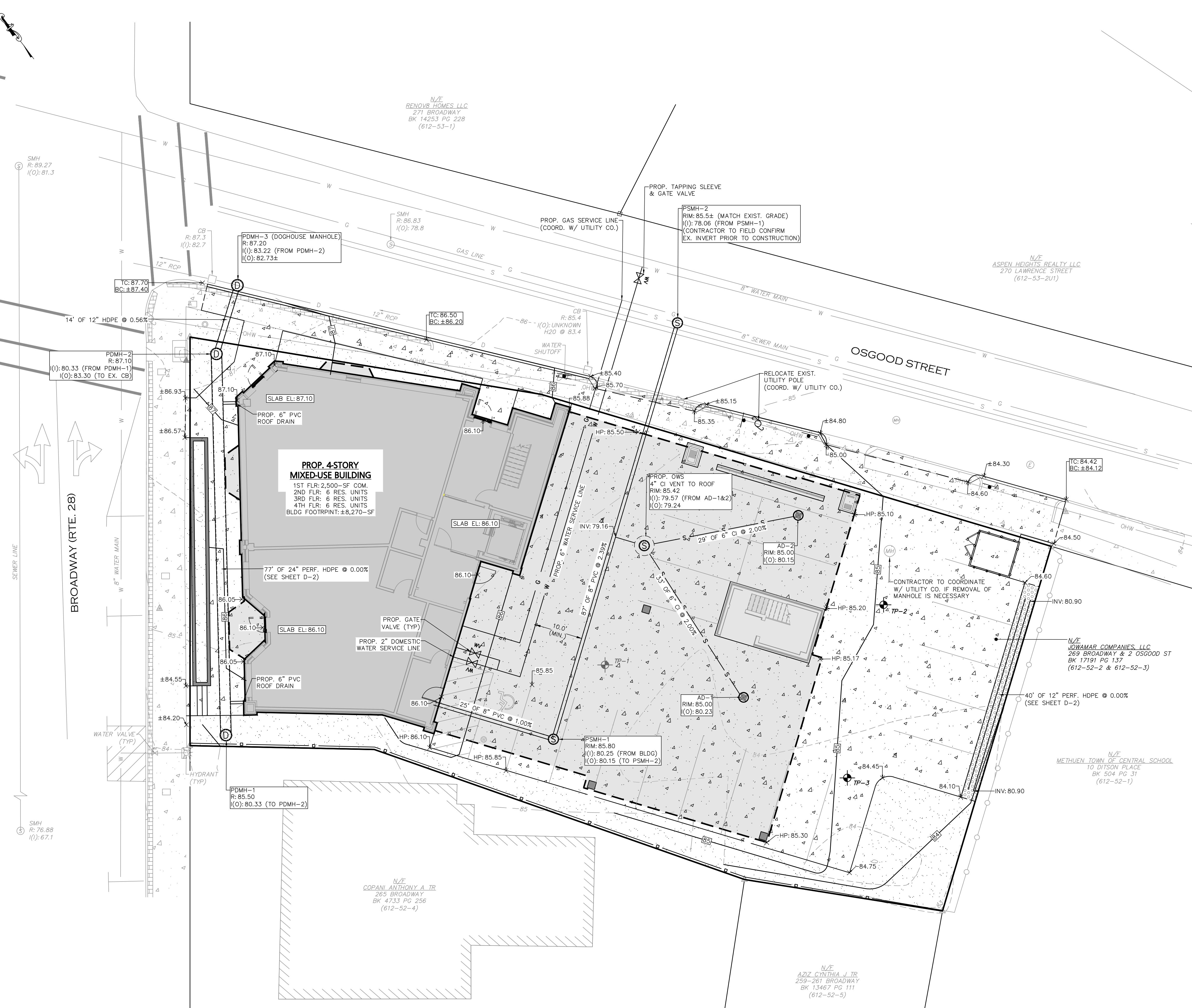
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344 North Main Street Tel: (978) 415-0200
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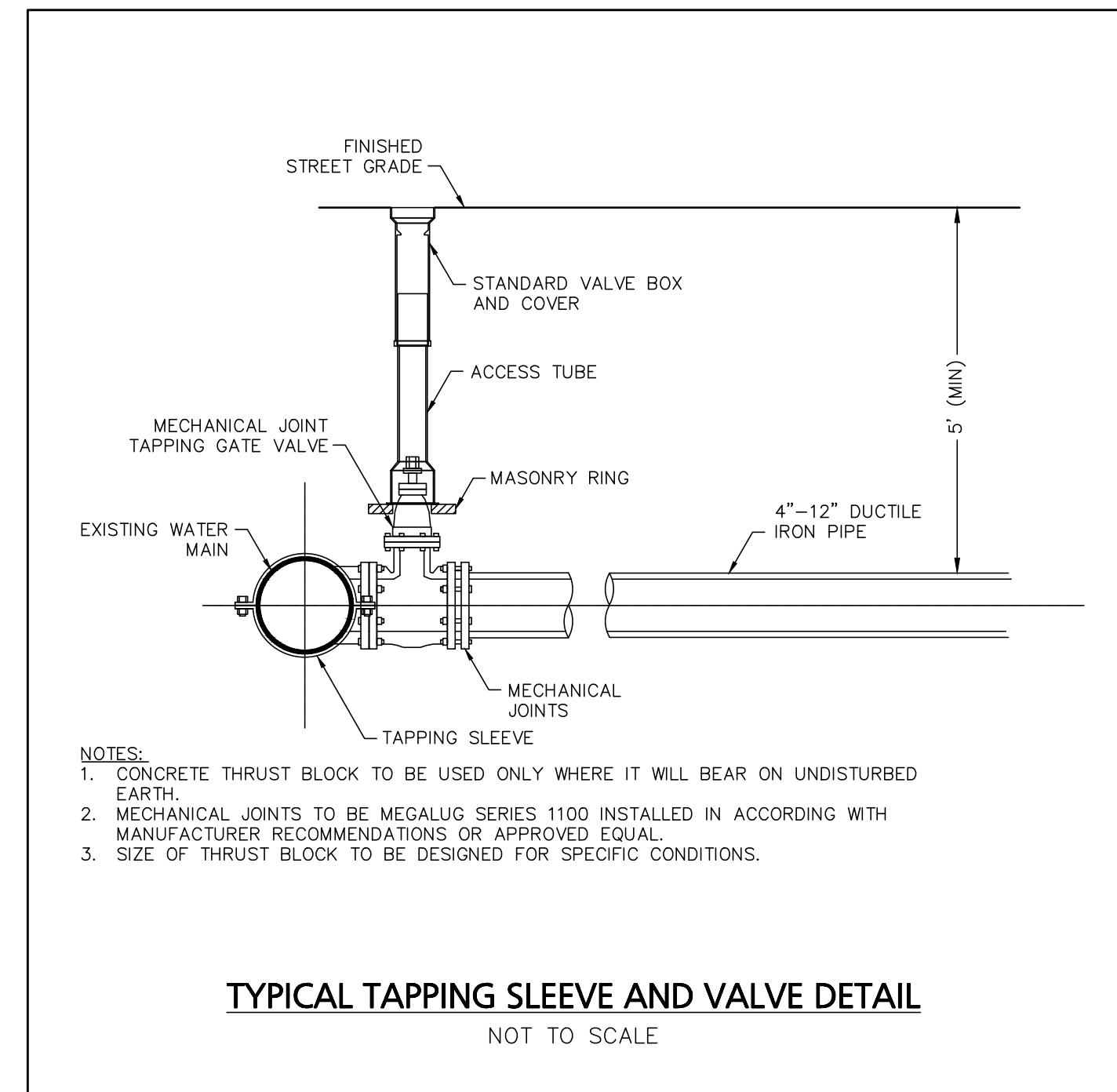
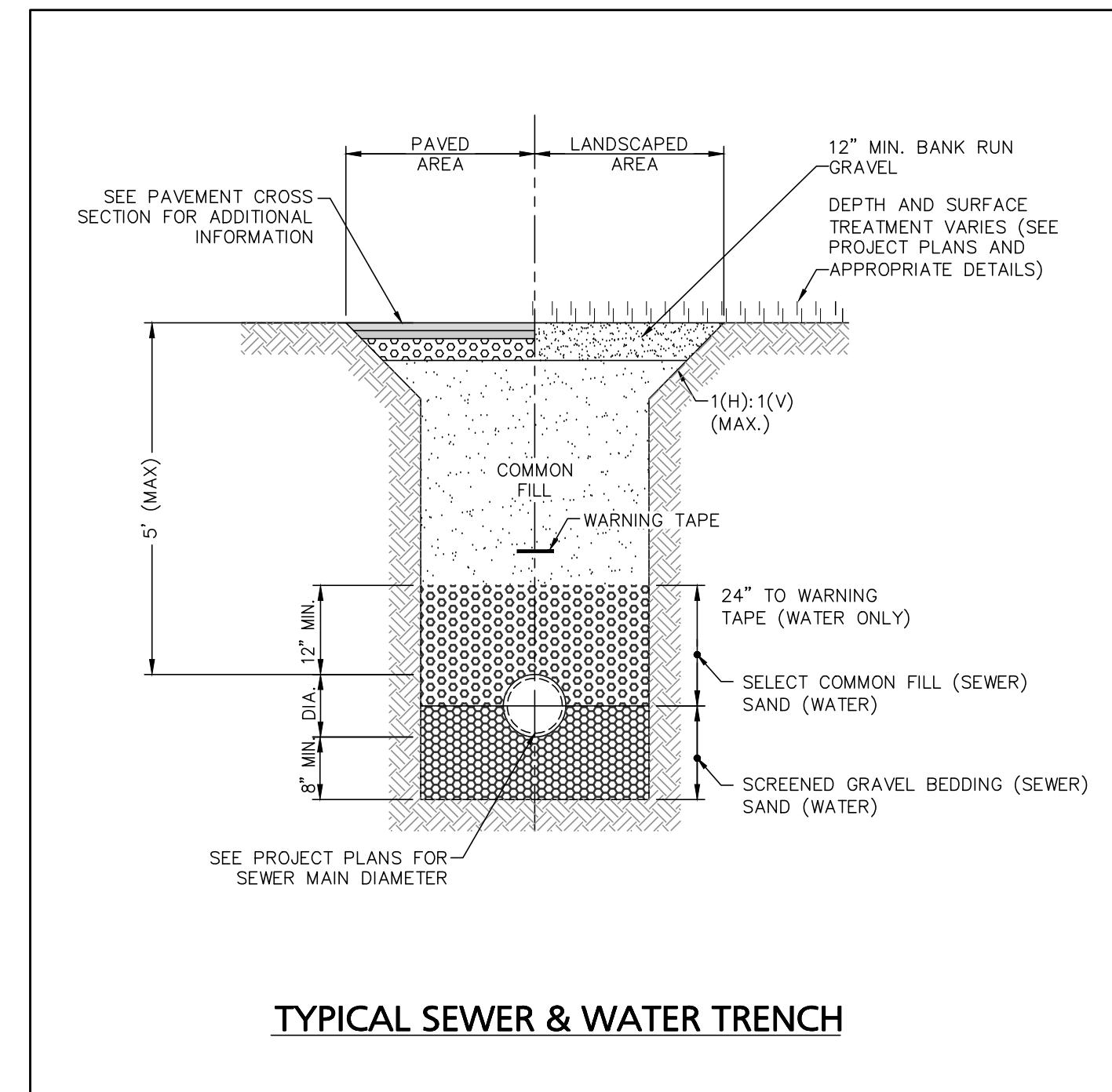
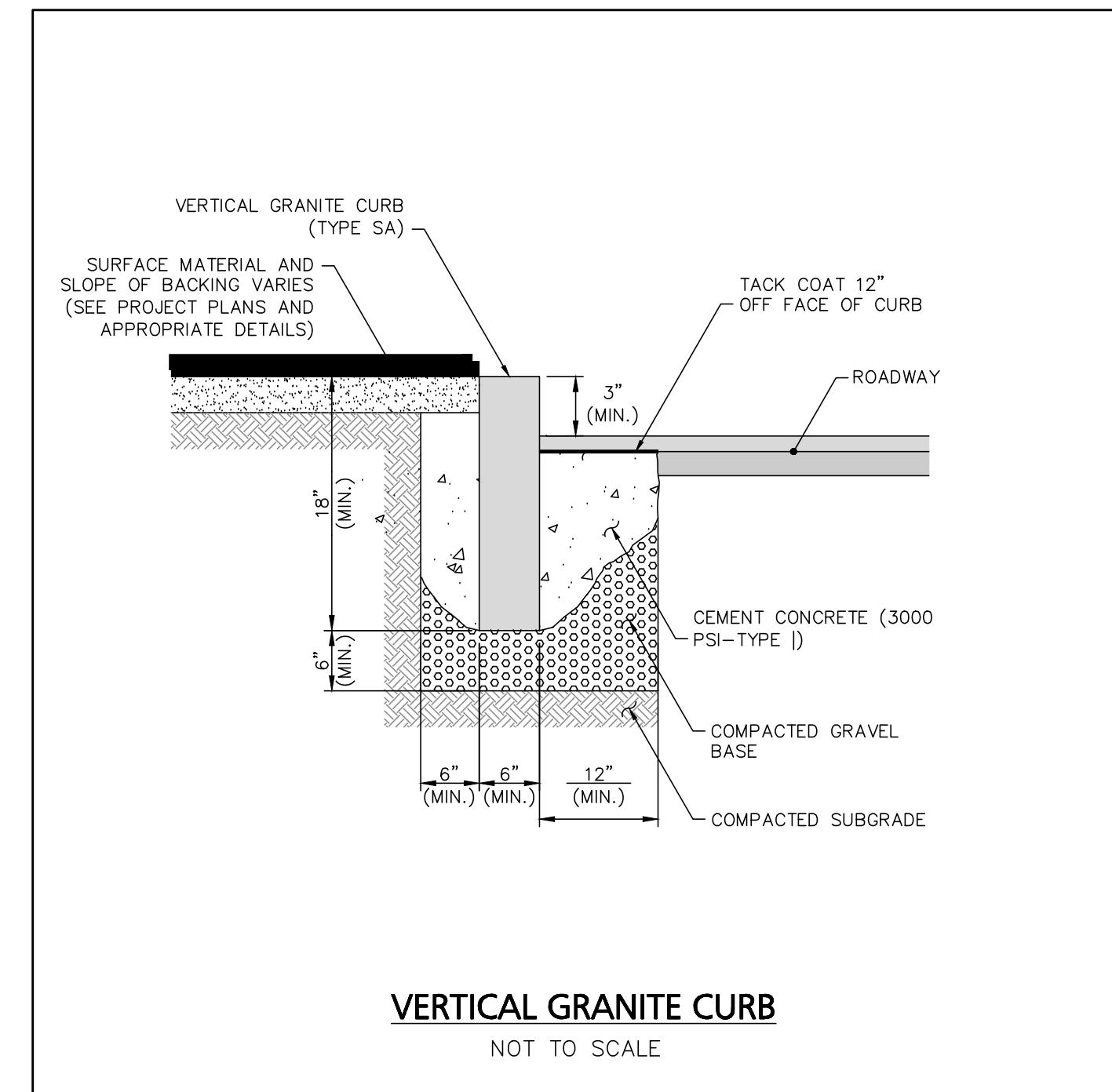
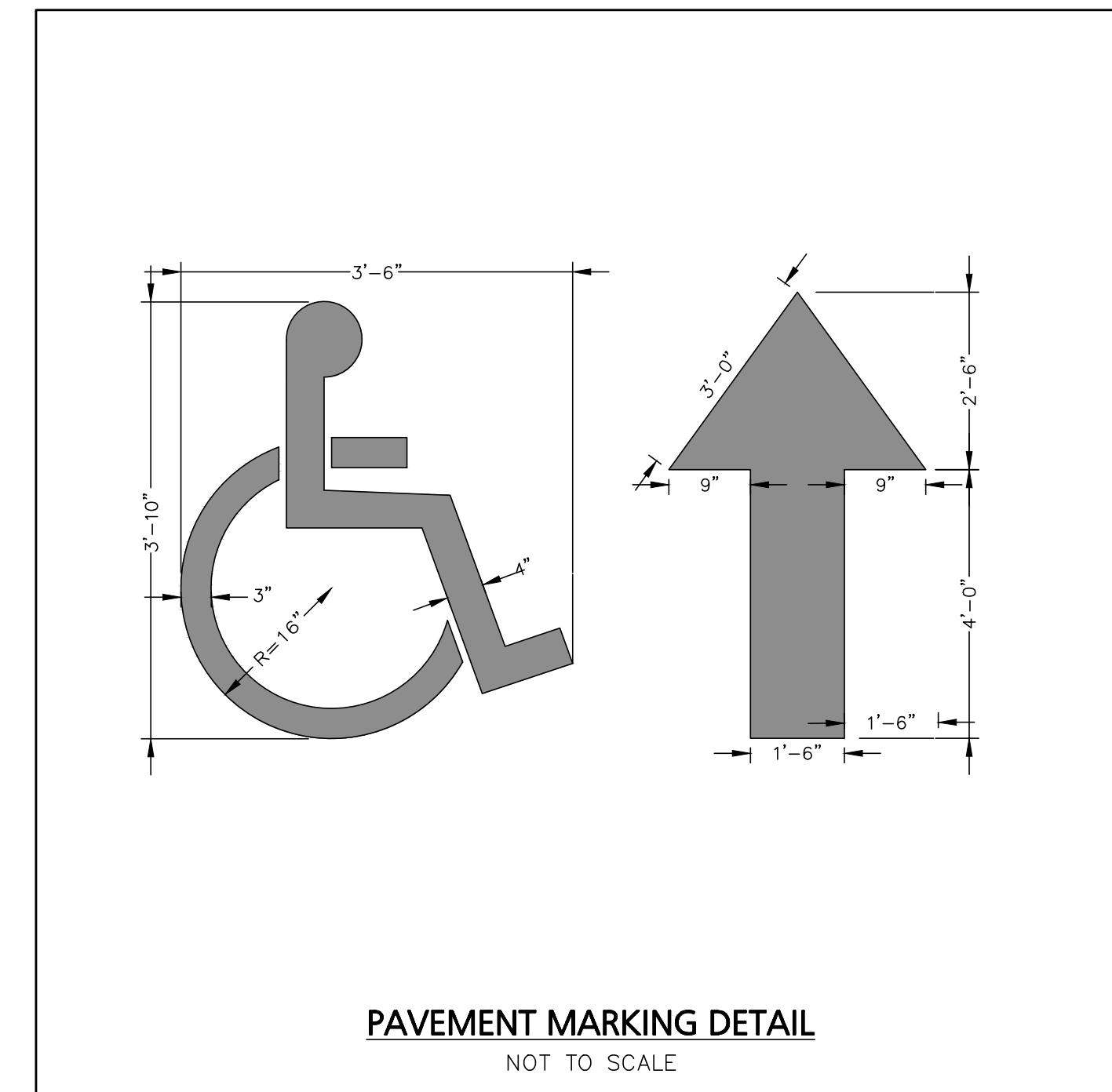
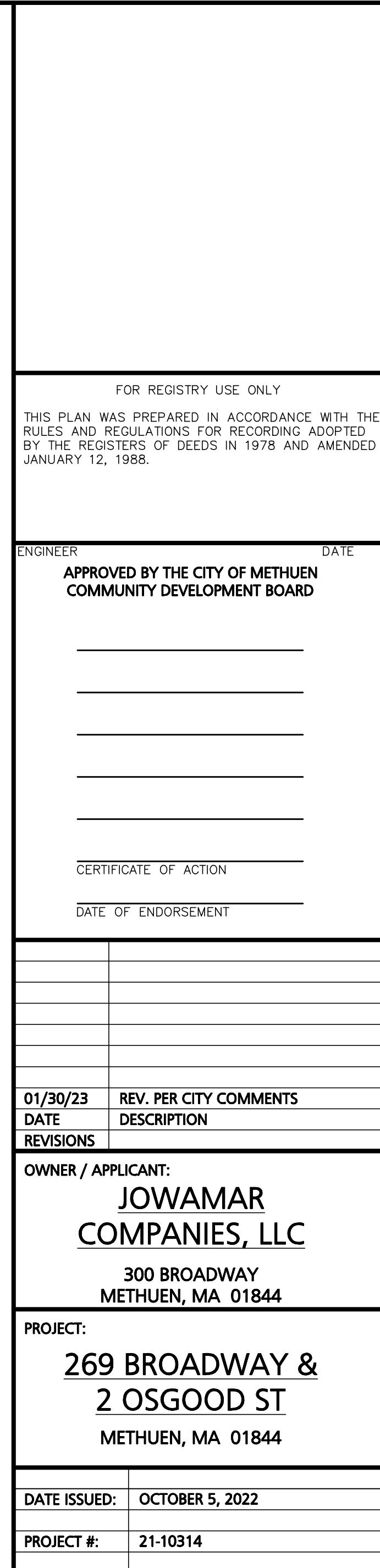
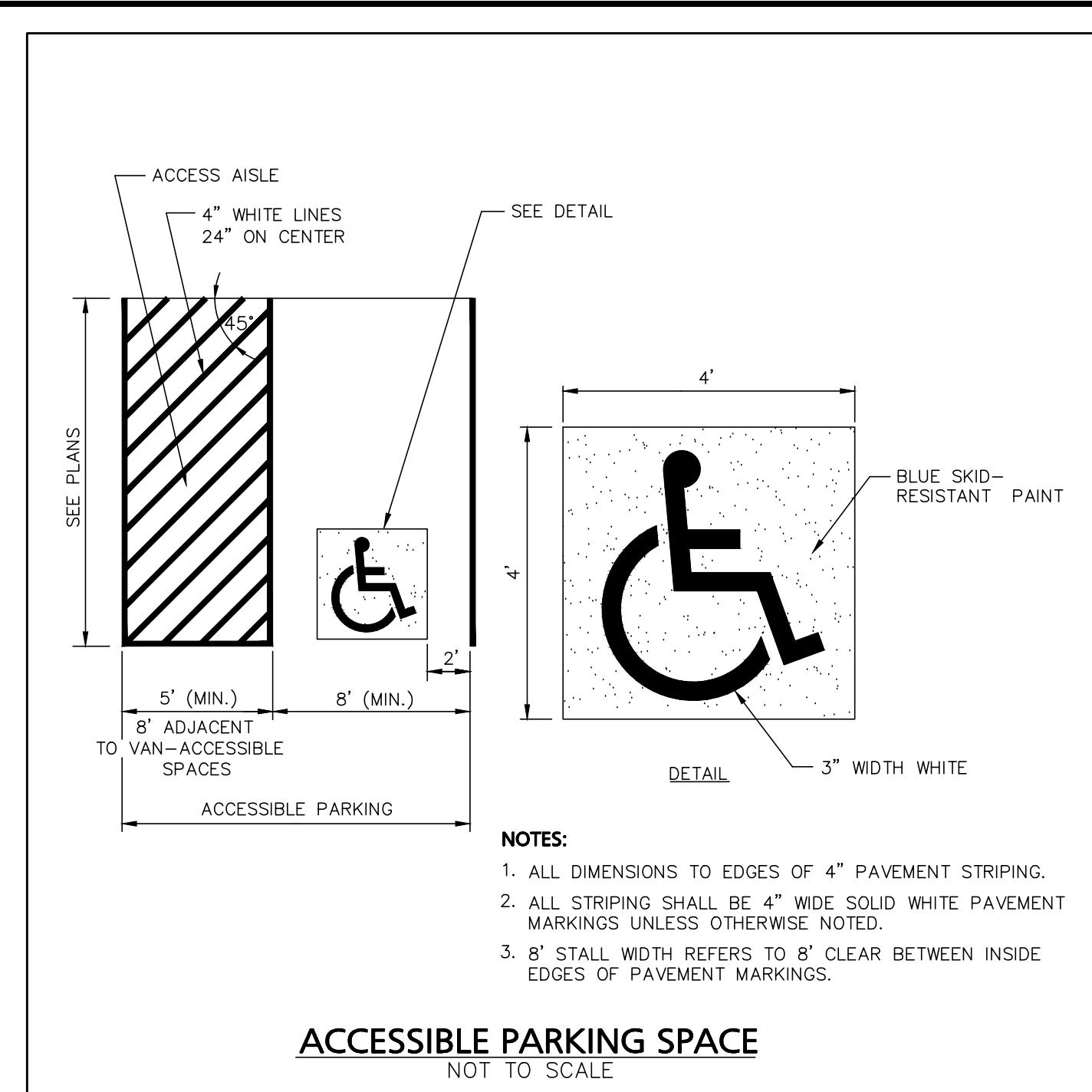
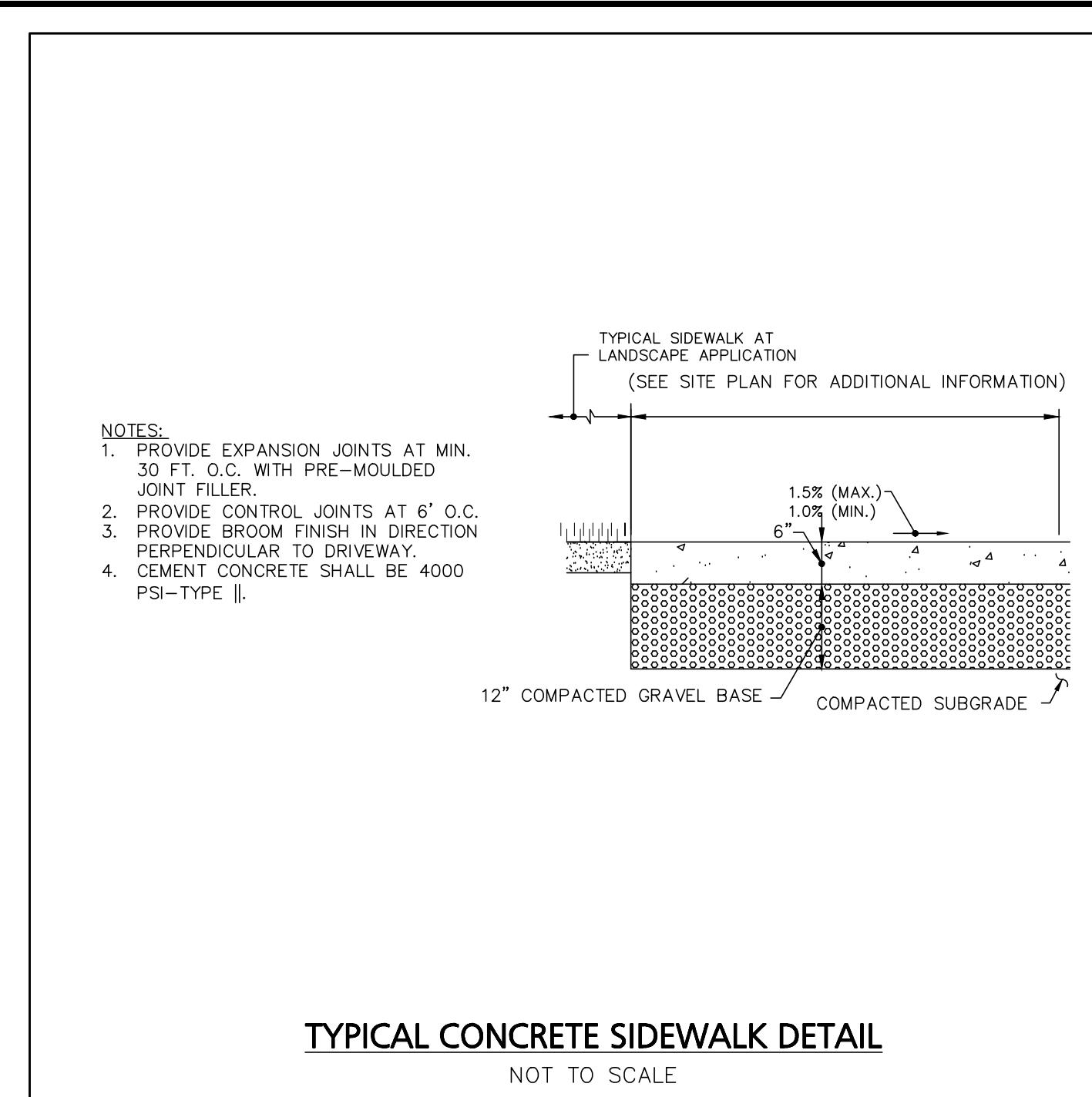
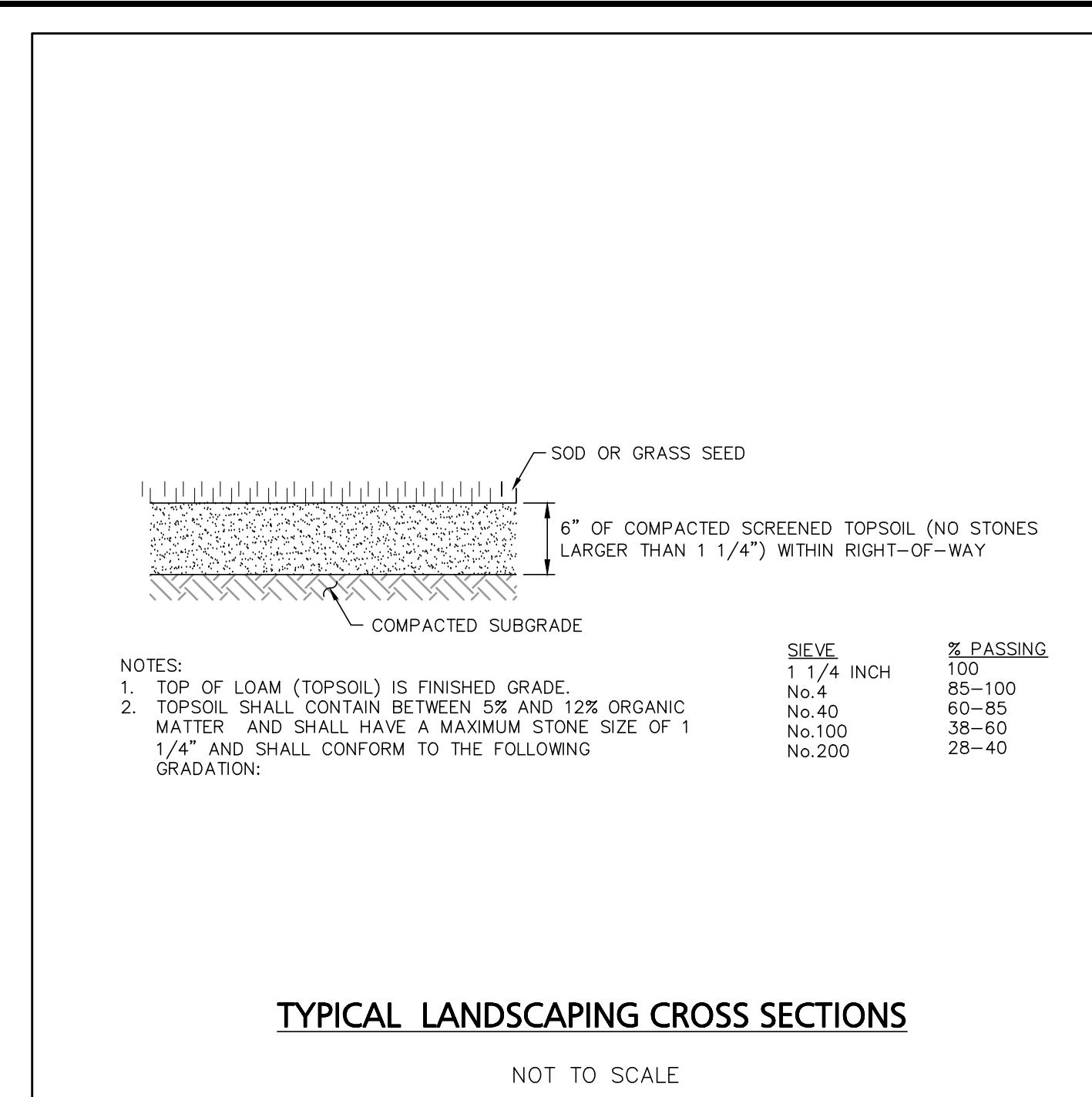
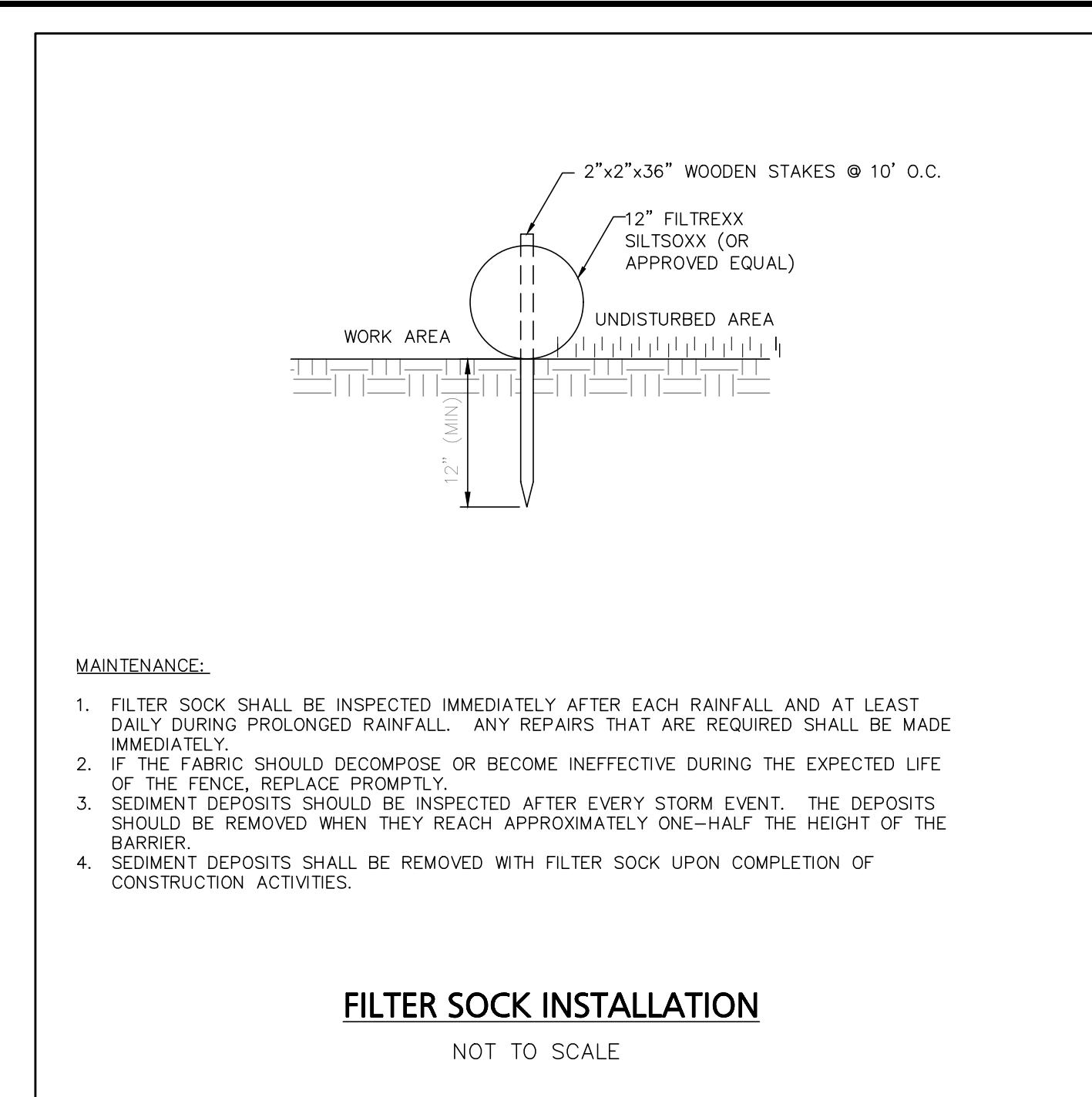
DRAWING TITLE:
GRADING, DRAINAGE & UTILITIES PLAN

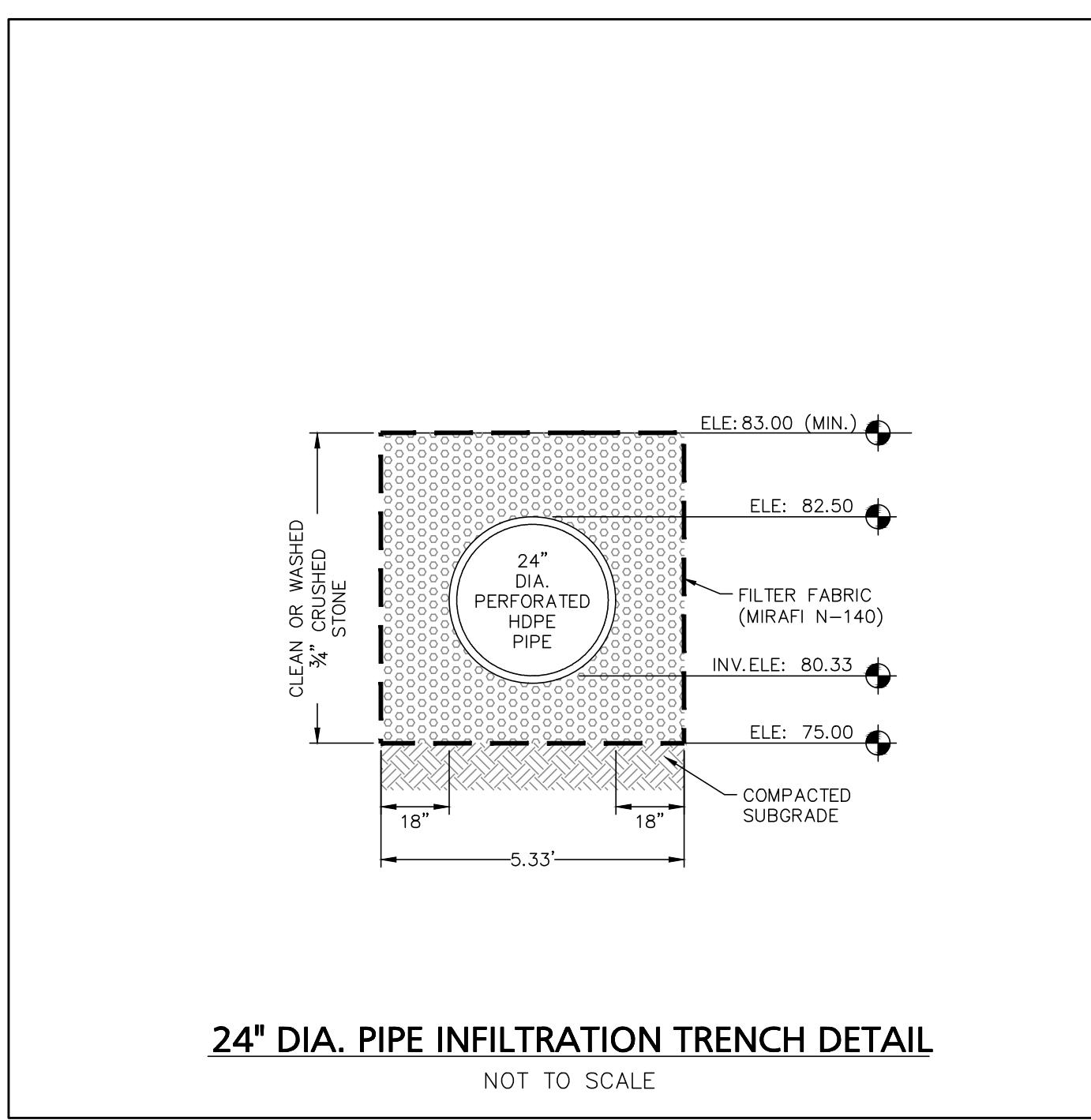
DRAWING #:

C-4

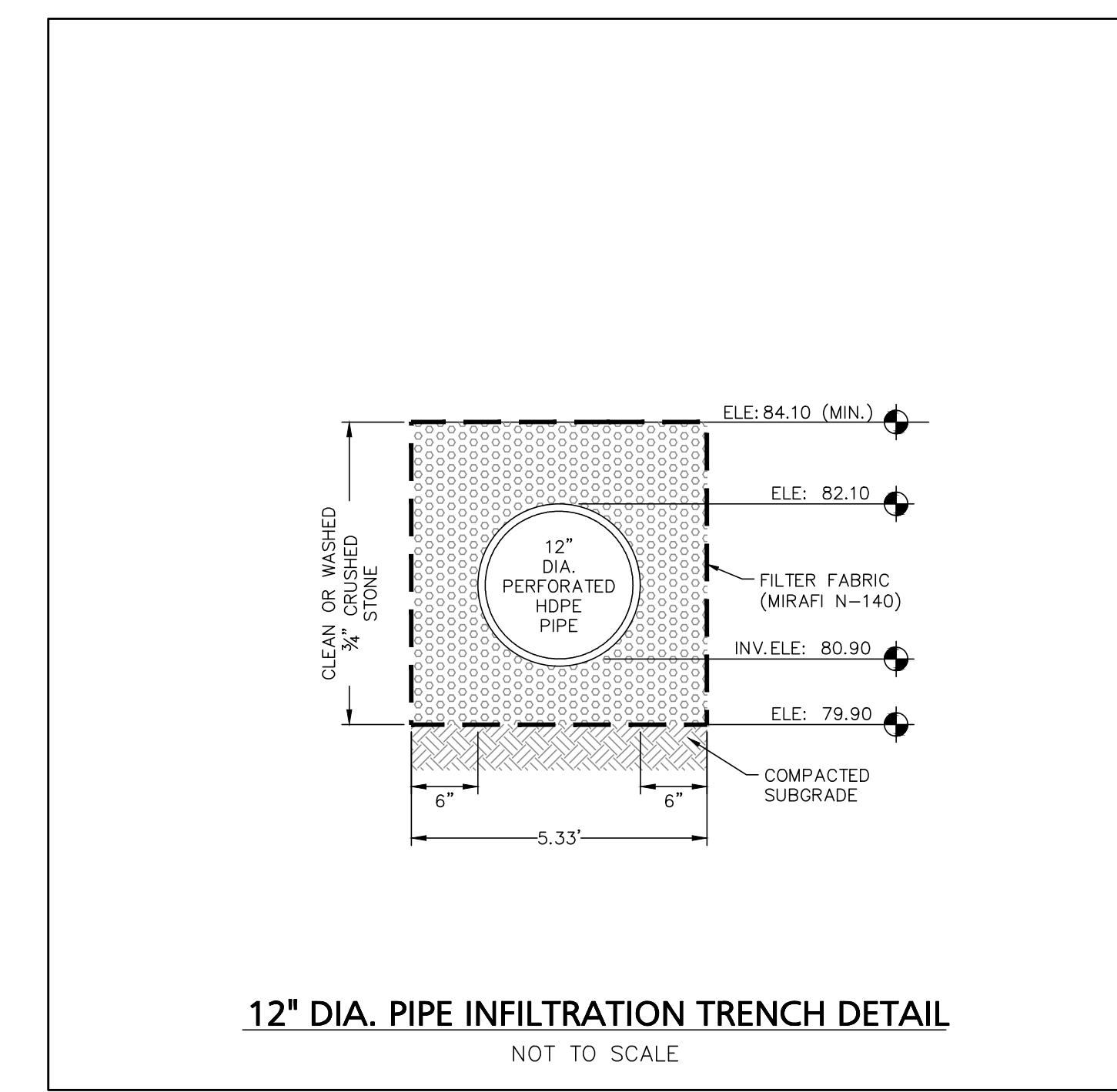
HORIZONTAL SCALE
10 0 5 10
(IN FEET)
1'-10'



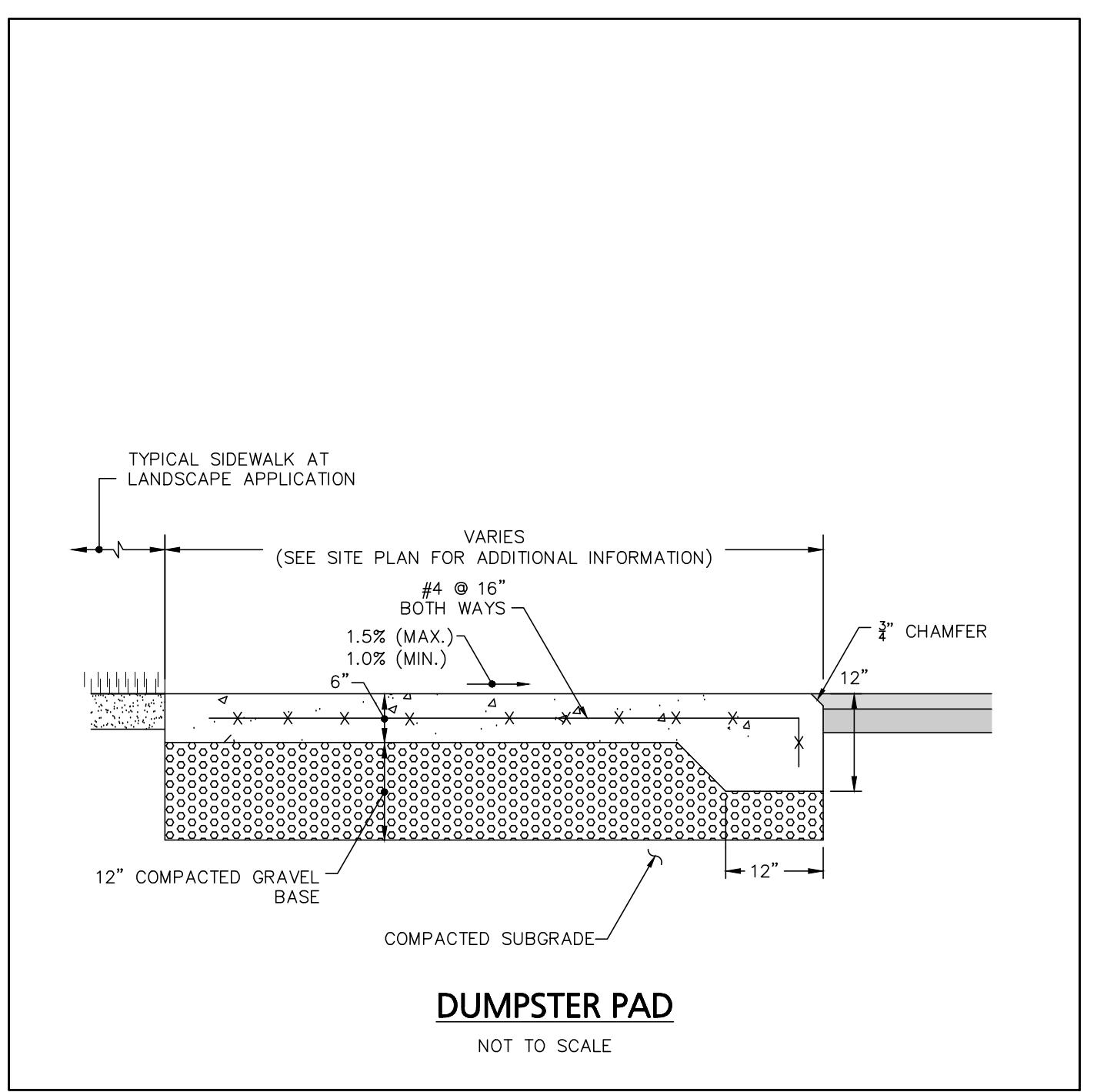




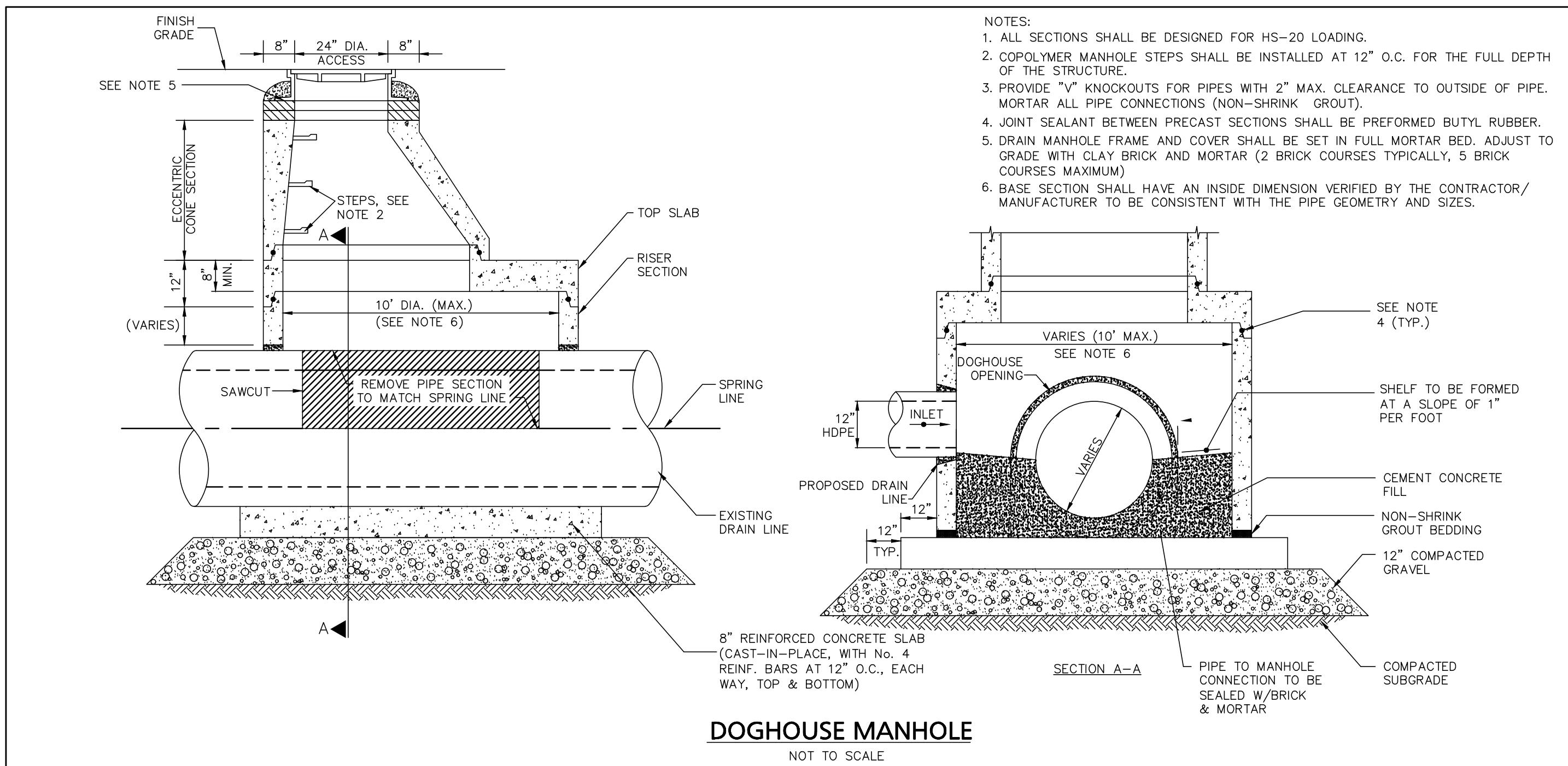
24" Dia. PIPE INFILTRATION TRENCH DETAIL



12" Dia. PIPE INFILTRATION TRENCH DETAIL



DUMPSTER PAD



DOGHOUSE MANHOLE

GENERAL EROSION CONTROL NOTES

- PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES SHOWN ON THE PLANS. ALL EROSION CONTROL DEVICES SHALL BE MAINTAINED IN EFFECTIVE CONDITION DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE TERMS AND CONDITIONS OF THE CONSTRUCTION GENERAL PERMIT ISSUED BY THE EPA AND THE STORMWATER POLLUTION PREVENTION PLAN SUBMITTED WITH THE PERMIT DOCUMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY INSTALLATION, INSPECTION, MAINTENANCE, AND/OR REPLACEMENT OF ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES TO ENSURE PROPER OPERATION THROUGHOUT THE LIFE OF THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF PERMANENT MEASURES UNTIL CONSTRUCTION OF THE PROJECT IS COMPLETED OR UNTIL IT IS ACCEPTED BY THE OWNER. THE OWNER IS RESPONSIBLE THEREAFTER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ROADS, CONTROL DUST, AND TAKE ALL NECESSARY MEASURES TO ENSURE THAT THE SITE AND ALL ROADS BE MAINTAINED IN A MUD AND DUST-FREE CONDITION AT ALL TIMES THROUGHOUT THE LIFE OF THE CONTRACT. DUST CONTROL SHALL INCLUDE, BUT IS NOT LIMITED TO, WATER, CALCIUM CHLORIDE, AND/OR CRUSHED STONE OR COARSE GRAVEL.
- ALL PROPOSED CONSTRUCTION ENTRANCES SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND DETAILS. ALL VEHICLE TRAFFIC ENTERING OR EXITING THE WORK AREA SHALL PASS OVER THE CONSTRUCTION ENTRANCES TO REDUCE THE TRACKING OR FLOWING OF SEDIMENT ONTO THE SURROUNDING ROADWAYS.
- THE CONTRACTOR SHALL INSTALL ALL PERIMETER SEDIMENT CONTROL BARRIERS AS SHOWN ON THE SITE DEVELOPMENT PLANS. SILT FENCE SHALL ALSO BE INSTALLED AROUND ANY SOIL STOCKPILE AREAS.
- THE CONTRACTOR SHALL RESTORE DISTURBED AREAS AS CLOSELY AS POSSIBLE. AREAS DAMAGED DURING CONSTRUCTION SHALL BE RESODDED, RESEED, OR OTHERWISE RESTORED TO THEIR ORIGINAL STATE. TREES AND OTHER EXISTING VEGETATION SHALL BE RETAINED WHEREVER FEASIBLE.
- TEMPORARY VEGETATIVE COVER SHALL BE APPLIED TO ANY DISTURBED AREAS (INCLUDING SOIL STOCKPILE AREAS) THAT HAVE NOT YET REACHED FINISHED GRADE AS SOON AS POSSIBLE, BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY CEASED, UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS. THE RECOMMENDED TEMPORARY SEEDING DATES ARE MARCH 1 TO JUNE 15 AND AUGUST 15 TO OCTOBER 1.
- PERMANENT VEGETATIVE COVER SHALL BE APPLIED TO ALL DISTURBED AREAS THAT HAVE REACHED FINISHED GRADE AS SOON AS POSSIBLE, BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS PERMANENTLY CEASED. THE RECOMMENDED PERMANENT SEEDING DATES ARE APRIL 1 TO JUNE 15 AND AUGUST 15 TO OCTOBER 1.
- AREAS WHICH HAVE BEEN TEMPORARILY OR PERMANENTLY SEDED SHOULD BE MULCHED IMMEDIATELY FOLLOWING SEEDING IN ADDITION TO AREAS WHICH CANNOT BE SEDED WITHIN THE RECOMMENDED SEEDING DATES AND ANY SOIL STOCKPILE AREAS. TEMPORARY MULCHING SHOULD BE PERFORMED AS SOON AS POSSIBLE, BUT NOT MORE THAN FOURTEEN (14) DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY CEASED UNLESS THE ACTIVITY IS TO RESUME WITHIN TWENTY-ONE (21) DAYS.
- STRAW OR HAY MULCH, WOOD FIBER MULCH, AND HYDROMULCH ARE RECOMMENDED. THE MATERIALS USED IN MULCHING SHALL CONFORM TO THE REQUIREMENTS LISTED IN SECTION M6.0.4 OF THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES.
- IF SEEDING CANNOT BE COMPLETED IMMEDIATELY OR WITHIN THE RECOMMENDED SEEDING DATES, USE THE TEMPORARY MULCHING MEASURE TO PROTECT THE SITE AND DELAY SEEDING UNTIL THE NEXT RECOMMENDED SEEDING PERIOD.
- ANY EXISTING OR PROPOSED CATCH BASINS THAT MAY BE SUBJECT TO SEDIMENTATION PROCESSES SHALL HAVE SILT SACKS INSTALLED TO PREVENT SEDIMENT FROM ENTERING THE PROPOSED STORM DRAINAGE SYSTEM PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED SITE. THE PROPER INLET PROTECTION DEVICES SHALL BE INSTALLED WHERE STORM DRAIN INLETS ARE TO BE MADE OPERATIONAL BEFORE PERMANENT STABILIZATION OF ANY DISTURBED DRAINAGE AREA.
- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES AND VOLUME TWO OF THE MASSACHUSETTS STORM WATER MANAGEMENT HANDBOOK.
- WASTE DISPOSAL: MATERIALS WHICH COULD BE A POTENTIAL SOURCE OF STORM WATER POLLUTION SUCH AS GASOLINE, DIESEL FUEL, HYDRAULIC OIL, ETC. SHALL BE STORED AT THE END OF EACH DAY IN A STORAGE TRAILER OR COVERED LOCATION AND TAKEN OFF-SITE AND PROPERLY DISPOSED OF. ALL TYPES OF WASTE GENERATED AT THIS SITE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH STATE LAW AND/OR REGULATIONS.
- GOOD HOUSEKEEPING: THE PROJECT SITE SHALL PROVIDE FOR THE MINIMIZATION OF EXPOSURE OF CONSTRUCTION DEBRIS (INCLUDING, BUT NOT LIMITED TO INSULATION, WIRING, PAINT AND PAINT CANS, SOLVENTS, WALL BOARD, ETC.) TO PRECIPITATION BY MEANS OF DISPOSAL AND/OR PROPER SHELTER OR COVER. IN ADDITION, CONSTRUCTION WASTE MUST BE PROPERLY DISPOSED OF IN ORDER TO AVOID EXPOSURE TO PRECIPITATION AT THE END OF EACH WORKING DAY.
- NO DUST WILL BE ALLOWED ON OR OFF WORK SITE. CONTRACTOR MUST CONDUCT CONTINUOUS EFFORT TO CONTROL DUST. LACK OF DUST CONTROL COULD CAUSE THE PROJECT TO BE STOPPED UNTIL ISSUES ARE RESOLVED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTROL DUST AND TAKE ALL NECESSARY MEASURES TO ENSURE ALL ROADS ARE MAINTAINED IN A DUST FREE CONDITION AT ALL TIMES THROUGHOUT THE LIFE OF THE CONTRACT. REPETITIVE TREATMENTS SHOULD BE APPLIED AS NECESSARY.
- REPAIRS OR REPLACEMENT OF DRAINAGE STRUCTURES, RIP RAP CHANNELS, OR OTHER ELEMENTS OF THE FACILITY SHOULD BE DONE WITHIN 14 DAYS OF DEFICIENCY REPORTS. IF AN EMERGENCY SITUATION IS IMMINENT THEN REPAIR/REPLACEMENT MUST BE DONE IMMEDIATELY TO AVOID FAILURE OR DANGER TO NEARBY RESIDENTS.
- IMMEDIATELY PRIOR TO THE END OF CONSTRUCTION OR ACCEPTANCE BY THE OWNER, THE CONTRACTOR SHALL INSPECT ALL ON-SITE STORMWATER MANAGEMENT FACILITIES AND CLEAN AND FLUSH AS NECESSARY.
- THE GENERAL CONTRACTOR OR NOMINEE WILL BE THE PARTY RESPONSIBLE FOR THE INSPECTION, MAINTENANCE, AND REQUIRED DOCUMENTATION OF ALL STORM WATER STRUCTURES AS OUTLINED WITHIN.

GENERAL CONSTRUCTION SEQUENCING:

DESCRIBED BELOW ARE THE MAJOR CONSTRUCTION ACTIVITIES. THEY ARE PRESENTED IN THE ORDER (OR SEQUENCE) THEY ARE EXPECTED TO OCCUR BY. EACH ACTIVITY WILL NOT NECESSARILY BE COMPLETED BEFORE THE NEXT BEGINS. SINCE THESE ACTIVITIES COULD OCCUR IN A DIFFERENT ORDER IF NECESSARY TO MAINTAIN ADEQUATE EROSION AND SEDIMENTATION CONTROL, ALL ACTIVITIES AND THE TIMEFRAME (BEGINNING AND ENDING DATES) SHALL BE RECORDED BY THE GENERAL CONTRACTOR:

- CONTRACTOR TO REVIEW ALL LOCAL, STATE AND FEDERAL PERMITS.
- DELINEATE THE LIMIT OF THE TREE CLEARING OPERATIONS.
- INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- CUT AND CLEAR TREES WITHIN THE AREA OF DISTURBANCE.
- PLACE REMAINING EROSION CONTROL MEASURES PRIOR TO ANY EARTH MOVING OPERATIONS.
- BEGIN ROUGH GRADING AND EARTHWORK OPERATIONS.
- CONSTRUCT REMAINING DRAINAGE IMPROVEMENTS. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER GRADING. ALL DISTURBED AREAS SHALL BE STABILIZED NO LATER THAN 72-HOURS AFTER CONSTRUCTION ACTIVITIES CEASE, IF EARTHWORK TEMPORARILY CEASES ON A PORTION OF OR ON THE ENTIRE SITE, AND WILL NOT RESUME WITHIN 21-DAYS, THE AREA SHALL BE STABILIZED. AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
 - BED COURSES GRADING HAS BEEN INSTALLED IN AREAS TO BE PAVED;
 - A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED;
 - A MINIMUM OF 3' OF NON-EROSIVE MATERIAL SUCH AS STONE OR RIP-RAP HAS BEEN INSTALLED; OR
 - EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
- INSTALL ALL UNDERGROUND UTILITIES.
- CONSTRUCT DRIVEWAY ACCORDING TO THE PLAN. ALL SLOPES SHALL BE STABILIZED IMMEDIATELY AFTER GRADING.
- CONSTRUCT BUILDING AND ASSOCIATED INFRASTRUCTURE.
- SURFACE TREATMENT OF ALL DISTURBED AREAS NOT PAVED OR OTHERWISE LANDSCAPED SHALL BE TREATED WITH 4" OF LOAM AND SEED.
- INSPECT AND MAINTAIN ALL EROSION AND SEDIMENTATION CONTROL MEASURES.
- COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- REMOVE TEMPORARY EROSION CONTROL MEASURES ONCE ALL AREAS ARE STABILIZED WITH A SUITABLE STAND OF GRASS, PAVEMENT OR COMPACTED GRAVELS.

FOR REGISTRY USE ONLY
THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS FOR RECORDING ADOPTED BY THE REGISTERS OF DEEDS IN 1978 AND AMENDED JANUARY 12, 1988.

ENGINEER DATE
APPROVED BY THE CITY OF METHUEN
COMMUNITY DEVELOPMENT BOARD

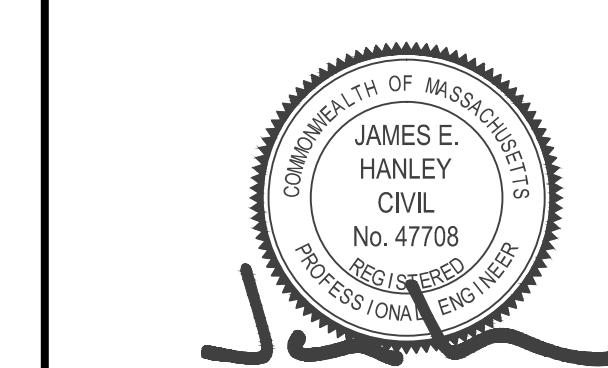
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**JOWAMAR
COMPANIES, LLC**
300 BROADWAY
METHUEN, MA 01844

PROJECT:
**269 BROADWAY &
2 OSGOOD ST**
METHUEN, MA 01844

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PROFESSIONAL ENGINEER FOR CIVIL DESIGN
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DRAWING TITLE:

**CONSTRUCTION
DETAILS**

DRAWING #:

D-2