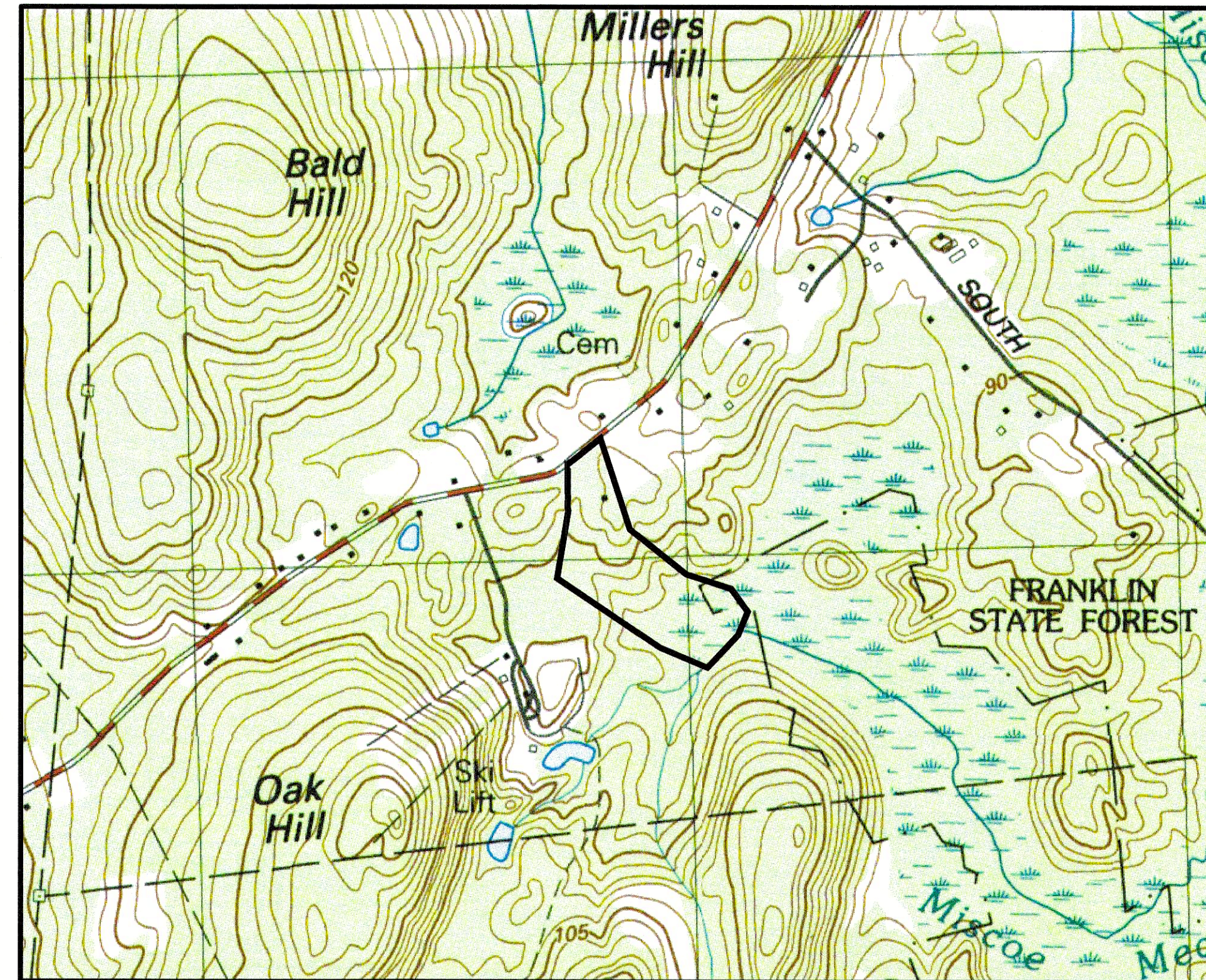
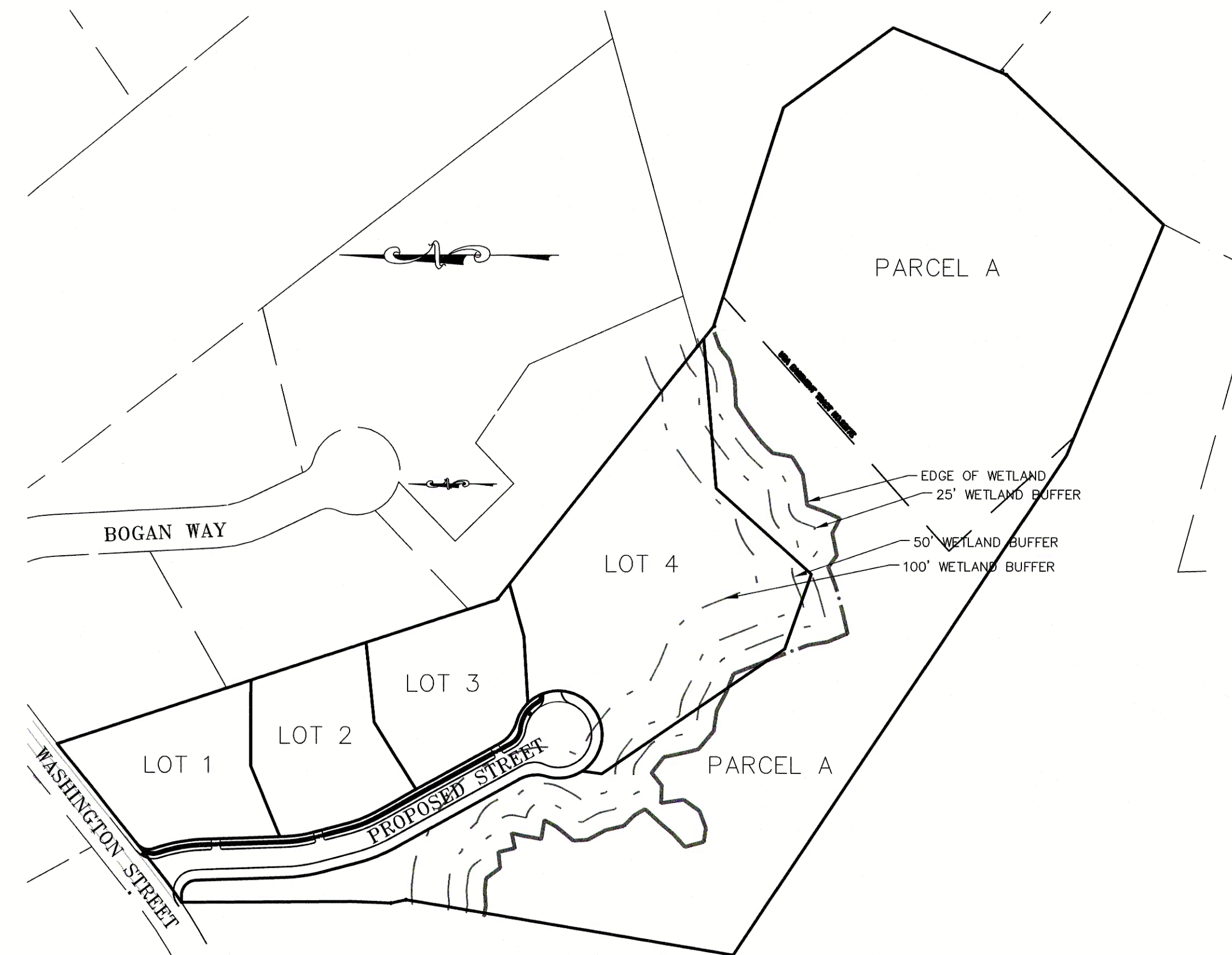


DEFINITIVE SUBDIVISION OLAM ESTATES FRANKLIN, MASSACHUSETTS



LOCUS MAP
SCALE: 1" = 800'



PLOT PLAN
SCALE: 1" = 150'

GENERAL NOTES:

1. LOCATION OF EXISTING UNDERGROUND UTILITIES/OBSTRUCTIONS/SYSTEMS SHOWN HEREON ARE APPROXIMATE ONLY. ALL UTILITIES/OBSTRUCTIONS/SYSTEMS MAY NOT BE SHOWN. LOCATE AND PROTECT ALL UNDERGROUND UTILITIES/OBSTRUCTIONS/SYSTEMS, WHETHER OR NOT SHOWN HEREON.
2. INSTALL ALL NEW UTILITIES UNDERGROUND, UNLESS SPECIFICALLY INDICATED OTHERWISE.
3. BURIED UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THEIR RESPECTIVE COMPANY.
4. CONSTRUCTION LAYOUT OF BUILDING AND/OR SITE IMPROVEMENTS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR. LOCATIONS OF EXISTING FEATURES OR PROPOSED IMPROVEMENTS DERIVED BY SCALING DRAWINGS MAY NOT BE ACCURATE. PROPERTY LINES SHOWN HEREON ARE APPROXIMATE. SEE PLAN REFERENCE HEREON.
5. CONTRACTOR IS RESPONSIBLE FOR SAFETY MEASURES, CONSTRUCTION METHODS, AND CONTROL OF WORK.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRS AND/OR REPLACEMENT OF ANY EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION THAT ARE NOT DESIGNATED FOR DEMOLITION AND/OR REMOVAL HEREON. DAMAGED UTILITIES OR STRUCTURES SHALL BE REPAIRED TO THE SATISFACTION OF THEIR RESPECTIVE OWNERS.
7. ANY INTENDED REVISION OF HORIZONTAL AND/OR VERTICAL LOCATION OF IMPROVEMENTS TO BE CONSTRUCTED AS SHOWN HEREON SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
8. CONTRACTOR SHALL NOTIFY ENGINEER UPON COMMENCEMENT OF CONSTRUCTION IN ORDER TO ENSURE THAT REQUIRED INSPECTIONS ARE PERFORMED IN A TIMELY AND EFFICIENT MANNER.
9. CONTRACTOR SHALL PROMPTLY NOTIFY ENGINEER UPON DISCOVERY OF ANY UNFORESEEN SURFACE OR SUBSURFACE CONDITIONS THAT MAY IMPACT SITE CONSTRUCTION.
10. FINISH RIM ELEVATIONS SHOULD MATCH FINISH PAVEMENT, GRADING OR LANDSCAPING SURFACE, UNLESS SPECIFICALLY INDICATED OTHERWISE.
11. WHERE EXISTING UTILITY LINES/STRUCTURES ARE TO BE CUT/BROKEN DOWN/ABANDONED, LINES/STRUCTURES SHALL BE PLUGGED/CAPPED/FILLED IN ACCORDANCE WITH UTILITY OWNER REQUIREMENTS.
12. EROSION CONTROL MEASURES SUCH AS SILT FENCE OR HAY BALES AS MAY BE SHOWN HEREON, SHALL BE INSTALLED BEFORE EARTH DISTURBANCE OCCURS WITHIN BUFFER ZONES, AND SHALL SERVE AS THE LIMIT OF WORK.
13. WHERE THE WORD "INSTALL" IS USED HEREIN, IT IS INTENDED TO DIRECT CONTRACTOR TO FURNISH, INSTALL AND PLACE IN OPERATION THE COMPONENT REFERRED TO.
14. LIMIT OF WORK SHALL BE STAKED IN THE FIELD PRIOR TO COMMENCEMENT OF CONSTRUCTION.
15. WHERE SHOWN, CONSTRUCTION NOTES ARE INTENDED TO SUMMARIZE AND CLARIFY MAJOR ITEMS OF WORK. THESE NOTES SHOULD NOT BE CONSTRUED AS AN EXHAUSTIVE LISTING OF ALL WORK REQUIRED. CONTRACTOR SHOULD CONTACT ENGINEER WHEN FURTHER CLARIFICATION OF DEPICTED WORK IS DESIRED.
16. WHERE DIMENSIONS INVOLVE CURB, DIMENSIONS ARE TO FACE OF CURB. WHERE SLOPED GRANITE CURB OR CAPE COD BERM IS SPECIFIED, FACE OF CURB IS EDGE OF FINISH PAVEMENT AT TOE OF CURB.
17. NO DEBRIS, JUNK RUBBISH OR OTHER NON-BIODEGRADABLE MATERIALS, FILL CONTAINING HAZARDOUS MATERIALS OR WASTES, OR STUMPS SHALL BE BURIED ON ANY LAND ON THIS SITE, OR LEFT ON ANY LOT OR ON THE STREET RIGHT OF WAY.

REGULATORY NOTES:

1. CONTRACTOR SHALL CONTACT DIG-SAFE FOR UNDERGROUND UTILITY MARKING AT 888-344-7233 AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF ANY WORK. CONTRACTOR SHALL GIVE 24-HOUR NOTICE TO PERTINENT TOWN DEPARTMENTS BEFORE COMMENCING ANY WORK IN THE FIELD.
2. CONTRACTOR SHALL COORDINATE AND OBTAIN ALL CONSTRUCTION PERMITS REQUIRED BY REGULATORY AUTHORITIES.
3. CONTRACTOR SHALL BE AWARE OF ALL CONSTRUCTION REQUIREMENTS, CONDITIONS, AND LIMITATION IMPOSED BY PERMITS AND APPROVALS ISSUED BY REGULATORY AUTHORITIES PRIOR TO COMMENCEMENT OF ANY WORK.
4. COMPLETE ALL PIPING WORK THAT IS OUTSIDE OF BUILDING AND LESS THAN 10 FEET FROM THE INSIDE FACE OF BUILDING FOUNDATION IN CONFORMANCE WITH THE UNIFORM STATE PLUMBING CODE OF MASSACHUSETTS, 248 CMR 2.00.

WAIVER REQUEST

300-10.D.2 - GRADES OF STREETS SHALL NOT BE LESS THAN 1.5%
TO ALLOW THE DRAINAGE TO WORK PROPERLY THE GRADE BETWEEN SHORT DISTANCE OF THE LOW SPOT AND HIGH SPOT OF THE ROAD IS 1.1%. EVERYWHERE ELSE THE GRADE MEETS THE MINIMUM REQUIREMENTS.

300-13.A.1 - SIDEWALK REQUIRED ON BOTH SIDES OF THE ROAD.
REQUESTING A WAIVER FROM BOTH SIDES, TO ALLOW ON ONE SIDE OF THE ROAD.

STORMWATER
300-11.A.7.A - DISTANCE FROM MAXIMUM POND WATER SURFACE TO R AND STRUCTURE SHALL BE 20'
300-11.A.7.B - DISTANCE FROM TOE OF POND BERM TO R SHALL BE MIN. 10'

REQUESTING A WAIVER FOR THE ABOVE REGULATIONS TO KEEP THE STORMWATER BMPs OUT OF THE 25' WETLAND BUFFER AREA, BY HAVING THEM CLOSER TO THE PROPERTY LINE.

| NO. | TITLE |
|-------------|------------------------------------|
| C1 | COVER SHEET |
| C2 | LEGEND |
| C3.1-C3.2 | DEFINITIVE PLAN |
| C4.1-C4.2 | EXISTING CONDITIONS PLAN |
| C5 | LAYOUT AND MATERIALS PLAN |
| C6 | GRADING, DRAINAGE & UTILITIES PLAN |
| C7 | LANDSCAPING PLAN |
| C8 | PLAN AND PROFILE |
| C9.1-C9.3 | CONSTRUCTION DETAILS |
| C10.1-C10.2 | EROSION AND SEDIMENT CONTROL PLAN |

OWNER OF RECORD:

TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

FRANKLIN ASSESSORS INFORMATION:

MAP 340, PARCEL 6
PARCEL AREA: 18.49± AC

DEED REFERENCES:

1. DEED BK 777, PG 48

PLAN REFERENCES:

1. LAND COURT PLAN XXXXX

2. "SITE PLAN-TEMPLE ETZ CHAIM", PREPARED BY ANDREWS SURVEY & ENGINEERING, PREPARED FOR TEMPLE ETZ CHAIM, DATED OCTOBER 30, 2020

SUBDIVISION DIMENSIONAL REQUIREMENTS:

PER "TOWN OF FRANKLIN ZONING BYLAWS," ARTICLE IV, SECTION 300-10

ROAD CLASSIFICATION: MINOR STREET

| | REQUIRED | PROVIDED |
|--------------------------------|------------|----------|
| STREET INTERSECTION: | >70'00" | 70'11" |
| CURB RADIUS @ STREET: | >30 FT | 30 FT |
| Ø RADIUS: | MIN 150 FT | 200 FT |
| Ø OFFSET FROM INTERSECTION ST: | 200 FT | 464 FT |
| DEAD END LENGTH: | 600 FT | 592 FT |
| RIGHT OF WAY WIDTH: | 56 FT | 56 FT |
| PAVEMENT WIDTH: | 26 FT | 26 FT |
| MINIMUM ROAD GRADE: | 1.5% | 1.1%* |
| MAXIMUM ROAD GRADE: | 8.0% | 5.4% |
| CUL-DE-SAC ROW RADIUS: | 60 FT | 60 FT |
| CUL-DE-SAC PAVEMENT RADIUS: | 45 FT | 45 FT |

*WAIVER REQUESTED

DIMENSION REQUIREMENTS

PER "TOWN OF FRANKLIN ZONING BYLAWS," AMENDED APRIL 30, 1993
PER SECTION 185 ATTACHMENT 9

ZONE: RURAL RESIDENTIAL 1 (RR1)

| | REQUIRED | LOT 1 PROVIDED | LOT 2 PROVIDED | LOT 3 PROVIDED | LOT 4 PROVIDED |
|-------------------|-----------|----------------|----------------|----------------|----------------|
| MINIMUM AREA: | 40,000 SF | 41,996 SF | 40,425 SF | 40,498 SF | 120,788 SF |
| MINIMUM FRONTAGE: | 200 FT | 200.0 FT | 200.0 FT | 200.0 FT | 200.4 FT |
| DEPTH: | 200 FT | 211 FT | 227 FT | 204 FT | 267 FT |
| WIDTH (CIRCLE Ø): | 180 FT | 180.9 FT | 180 FT | 192.5 FT | 266.5 FT |
| FRONT SETBACK: | 40 FT | 40 FT | 40 FT | 40 FT | 40 FT |
| SIDE SETBACK: | 40 FT | 40 FT | 40 FT | 40 FT | 40 FT |
| REAR SETBACK: | 40 FT | 40 FT | 40 FT | 40 FT | 40 FT |



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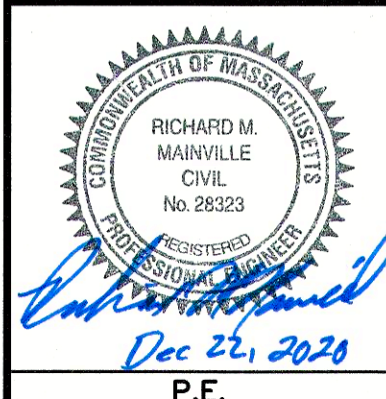
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW
REQUIRED: FRANKLIN PLANNING BOARD

BEING A MAJORITY DATE:

THIS CERTIFIES THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE FRANKLIN PLANNING BOARD HAS BEEN RECEIVED AND RECORDED ON AT AND NO APPEAL WAS RECEIVED DURING THE 20 DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

FRANKLIN TOWN CLERK DATE



DRAWING ISSUED FOR:

■ PERMIT
THIS PLAN IS INTENDED TO SHOW CONSTRUCTABILITY AND MAY NOT SHOW ALL CONSTRUCTION DETAILS AND SPECIFICATIONS FOR THE PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION ITEMS/AREAS OF CONTRACTOR JURISDICTION.

| REVISIONS | | |
|-----------|------|-------------|
| NO. | DATE | DESCRIPTION |
| | | |
| | | |

SHEET TITLE

COVER SHEET

PROJECT:
**OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038**

OWNER/APPLICANT:
**TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038**

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032 **C1**

| GENERAL ABBREVIATIONS | |
|-----------------------|--|
| AASHTO | AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS |
| ADA | AMERICANS WITH DISABILITIES ACT |
| ASTM | AMERICAN SOCIETY FOR TESTING AND MATERIALS |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE |
| AWWA | AMERICAN WATERWORKS ASSOCIATION |
| B | BOLLARD |
| BC | BOTTOM OF CURB |
| BLDG | BUILDING |
| BSTM | BASEMENT |
| BW | BOTTOM OF WALL |
| CB | CATCH BASIN |
| CIP | CAST-IN-PLACE |
| CLF | CHAIN LINK FENCE |
| CO | CLEANOUT |
| COMM | COMMUNICATION LINE |
| CONC | CONCRETE |
| CONF | CONIFEROUS TREE |
| DCB | DOUBLE GRATE CATCH BASIN |
| DECID | DECIDUOUS TREE |
| DIA | DIAMETER |
| DMH | DRAIN MANHOLE |
| EL. ELEV | ELEVATION |
| ELEC | ELECTRICAL |
| ESC | EROSION AND SEDIMENT CONTROL |
| ESHOW | ESTIMATED SEASONAL HIGH GROUND WATER |
| EX. EXIST | EXISTING |
| FFE | FINISH ELEVATION |
| FNDN | FOUNDATION |
| FG | FINISH GRADE |
| HC | HANDICAP |
| HOR | HORIZONTAL |
| HP | HIGH POINT |
| HWM | HIGH WATER MARK |
| HYD | FIRE HYDRANT |
| INV | INVERT |
| LP | LOW POINT |
| MAX | MAXIMUM |
| MB | MAILBOX |
| MH | MANHOLE |
| MHD | MASSACHUSETTS HIGHWAY DEPARTMENT |
| MHW | MEAN HIGH WATER |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| MLW | MEAN LOW WATER |
| MUTCD | MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES |
| NTS | NOT TO SCALE |
| O.C. | ON CENTER |
| OHW | OVER HEAD WIRE |
| OSHA | OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION |
| PROP. | PROPOSED |
| RET | POST AND RAIL FENCE |
| RET WALL | RETAINING WALL |
| RR | RAILROAD |
| SMH | SEWER MANHOLE |
| STCK | STOCKADE FENCE |
| TBD | TO BE DETERMINED |
| T | TELEPHONE |
| TC | TOP OF CURB |
| TEMP | TEMPORARY |
| TOC | TOP OF CONCRETE |
| TP/TH | TEST PIT/TEST HOLE |
| TW | TOP OF WALL |
| TYP | TYPICAL |
| U.P. | UTILITY POLE |
| VERT | VERTICAL |
| WF | WETLAND FLAG |

| SURVEY AND HIGHWAY ABBREVIATIONS | |
|----------------------------------|--------------------------------|
| BCC | BITUMINOUS CONCRETE CURB |
| BM | BENCH MARK |
| BVC | BEGIN VERTICAL CURVE |
| (C) | CALCULATED |
| COB | CAPE COD BERM |
| CTR. BK | CENTER BACK |
| CW | CROSSWALK |
| DH | DRILL HOLE |
| DHCB | DRILL HOLE IN CONCRETE BOUND |
| DHSB | DRILL HOLE IN STONE BOUND |
| EOP | EDGE OF PAVEMENT |
| EPILP | ESCUTCHEON PIN IN LEAD PLUG |
| EVC | END VERTICAL CURVE |
| FND | FOUND |
| H&T | HUB AND TACK |
| I.R. | IRON ROD |
| I.P. | IRON PIPE |
| I.PIN | IRON PIN |
| L | LENGTH |
| (M) | FIELD MEASURED |
| MAG | MAGNETIC |
| MHB | MASSACHUSETTS HIGHWAY BOUND |
| MON. | MONUMENT |
| N/F | NOW OR FORMERLY |
| PB | PLAN BOOK |
| PG | PAGE |
| PCC | POINT OF CURVATURE |
| PCC | POINT OF COMPOUND CURVATURE |
| PRCC | PRECAST CONCRETE CURB |
| PI | POINT OF INTERSECTION |
| PM | PUNCHMARK |
| PRC | POINT OF REVERSE CURVATURE |
| PT | POINT OF TANGENCY |
| PVC | POINT OF VERTICAL CURVATURE |
| PVI | POINT OF VERTICAL INTERSECTION |
| PVT | POINT OF VERTICAL TANGENCY |
| R | RADIUS |
| (R) | RECORD |
| (R/H) | RECORD AND HELD |
| ROW | RIGHT OF WAY |
| SB | STONE BOUND |
| SGC | SLOPED GRANITE CURB |
| SHLL | STATE HIGHWAY LAYOUT LINE |
| S&S | STAKE AND STONE |
| STA | STATION |
| SW | SIDEWALK |
| VOC | VERTICAL GRANITE CURB |
| WCHB | WORCESTER COUNTY HIGHWAY BOUND |
| WC | WOOD CURB |
| X-OUT | CROSS CUT |

| UNIT ABBREVIATIONS | |
|--------------------|-------------------------|
| AC | ACRES |
| AC-FT | ACRE-FEET |
| CF | CUBIC FEET |
| OFS | CUBIC FEET PER SECOND |
| CY | CUBIC YARDS |
| PPM | FEET PER MINUTE |
| FPS | FEET PER SECOND |
| FT | FEET |
| GAL | GALLONS |
| GPM | GALLONS PER MINUTE |
| HP | HORSEPOWER |
| HR | HOURS |
| IN | INCHES |
| KWH | KILOWATT HOUR |
| LB | POUNDS |
| LF | LINEAR FEET |
| MG | MILLION GALLONS |
| MGD | MILLION GALLONS PER DAY |
| MGL | MILLIGRAMS PER LITER |
| MI | MILES |
| MPH | MILES PER HOUR |
| PSI | POUNDS PER SQUARE INCH |
| SF | SQUARE FEET |
| T | TONS |
| V | VOLTS |
| W | WATTS |

| PIPE AND VALVE ABBREVIATIONS | |
|------------------------------|---------------------------|
| AC | ASBESTOS CEMENT |
| CI | CAST IRON |
| CLDI | CEMENT LINED DUCTILE IRON |
| CMP | CORRUGATED METAL PIPE |
| CS | COMBINED SEWER |
| CV | CHECK VALVE |
| D | STORM DRAIN |
| DI | DUCTILE IRON |
| FD | FOUNDATION DRAIN |
| FES | FLARED END SECTION |
| FM | FORCE MAIN |
| FS | FIRE SERVICE |
| G | GAS |
| GS | GAS SERVICE |
| GV | GAS VALVE |
| HDPE | HIGH DENSITY POLYETHYLENE |
| ID | INSIDE DIAMETER |
| IRR | IRRIGATION |
| OD | OUTSIDE DIAMETER |
| OIL | CRUDE OR FUEL OIL |
| PVC | POLYVINYL CHLORIDE |
| RCP | REINFORCED CONCRETE PIPE |
| RD | ROOF DRAIN |
| S | SANITARY SEWER |
| S= | SLOPE (FT/FT) |
| SS | SANITARY SEWER SERVICE |
| ST | STEAM |
| UD | UNDERDRAIN |
| VC | VITRIFIED CLAY |
| W | WATER PIPE |
| WS | WATER SERVICE |
| WSO | WATER SHUT OFF |
| WV | WATER VALVE |

GEOPHYSICAL LEGEND

| EXISTING | PROPOSED |
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UTILITIES LEGEND

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SURVEY AND HIGHWAY LEGEND

| EXISTING | PROPOSED |
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SITE IMPROVEMENTS LEGEND

| EXISTING | PROPOSED |
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ASE
 Andrews Survey & Engineering, Inc.
 Land Surveying - Civil Engineering - Site Planning
 P.O. Box 312, 104 Mendon Street
 Uxbridge, Massachusetts 01569
 P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW REQUIRED: FRANKLIN PLANNING BOARD

BEING A MAJORITY DATE:

THIS CERTIFIES THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE FRANKLIN PLANNING BOARD HAS BEEN RECEIVED AND RECORDED ON AT AND NO APPEAL WAS RECEIVED DURING THE 20 DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

FRANKLIN TOWN CLERK DATE

DRAWING ISSUED FOR:
 ■ PERMIT
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Richard M. Mainville
 Dec 22, 2020
 P.E.

| REVISIONS | | |
|-----------|------|-------------|
| NO. | DATE | DESCRIPTION |
| | | |
| | | |
| | | |

SHEET TITLE

LEGEND

PROJECT:
 OLAM ESTATES
 DEFINITIVE SUBDIVISION
 900 WASHINGTON STREET
 FRANKLIN, MA 02038

OWNER/APPLICANT:
 TEMPLE ETZ CHAIM
 900 WASHINGTON STREET
 FRANKLIN, MA 02038

DES BY: KNL DATE: DECEMBER 22, 2020
 CHK BY: JEG PROJECT NO. 2019-032

C1

NOTES:
1. PARCEL A IS NOT TO BE CONSIDERED A BUILDING LOT.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

BYRON I. ANDREWS
No. 47389
REGISTERED LAND SURVEYOR
12/22/20
DATE

THIS LAND IS SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY, RESTRICTIONS, COVENANTS, OR OTHER LIMITATIONS WHICH MAY BE DISCLOSED BY A TITLE EXAMINATION.



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Land Surveying - Civil Engineering - Site Planning

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APPROVAL UNDER SUBDIVISION CONTROL LAW REQUIRED. FRANKLIN PLANNING BOARD

BEING A MAJORITY DATE:

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FRANKLIN TOWN CLERK DATE

DRAWING ISSUED FOR:
PERMIT

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REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

SHEET TITLE

DEFINITIVE PLAN SHEET 1 of 2

PROJECT:
OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

OWNER/APPLICANT:
TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

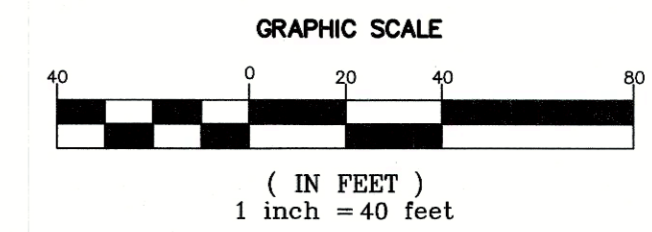
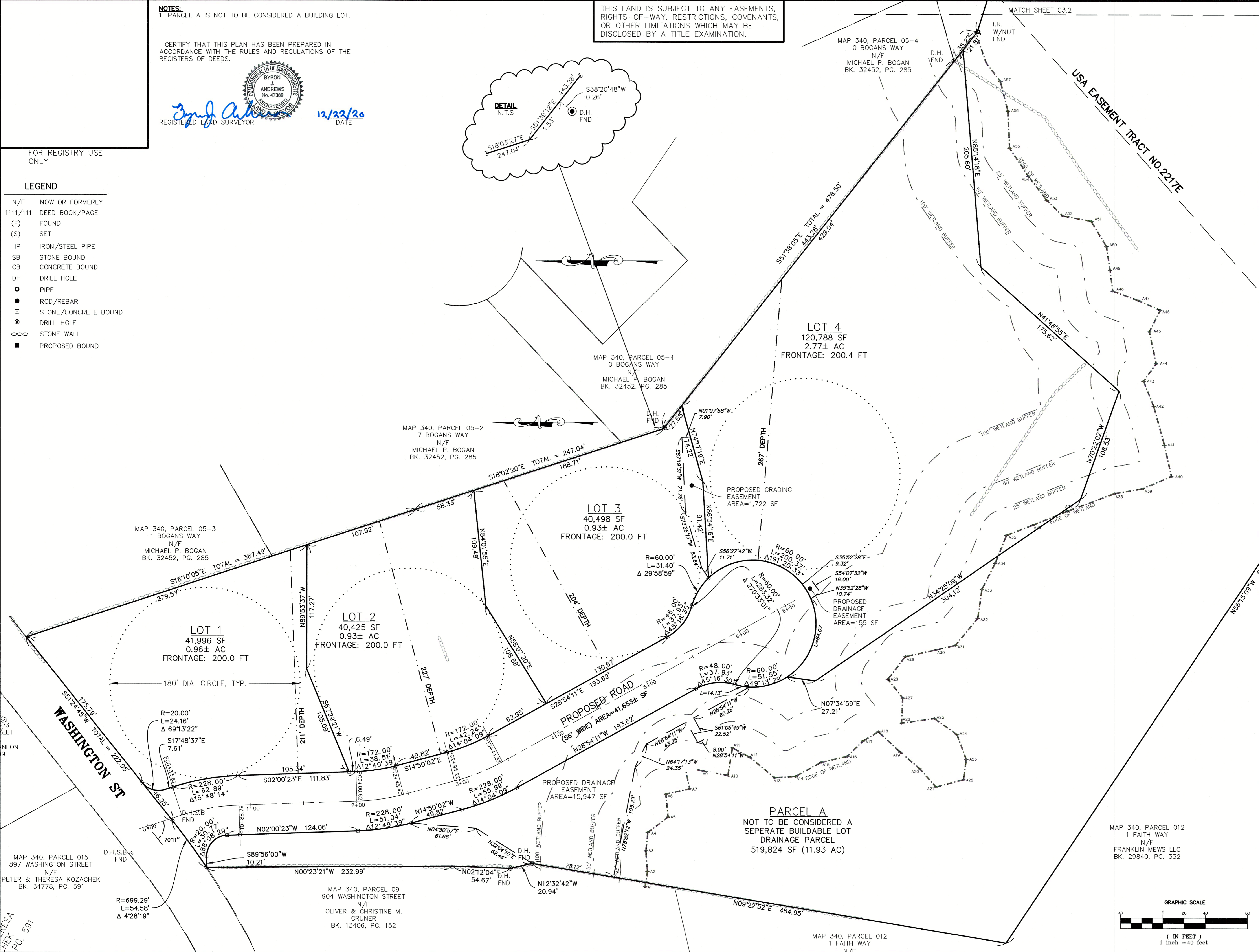
DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

C3.1

FOR REGISTRY USE ONLY

LEGEND

- N/F NOW OR FORMERLY
- 1111/111 DEED BOOK/PAGE
- (F) FOUND
- (S) SET
- IP IRON/STEEL PIPE
- SB STONE BOUND
- CB CONCRETE BOUND
- DH DRILL HOLE
- PIPE
- ROD/REBAR
- STONE/CONCRETE BOUND
- ⊙ DRILL HOLE
- ⊘ STONE WALL
- PROPOSED BOUND



PETER & THERESA KOZACHEK
PG. 591

MAP 340, PARCEL 09
904 WASHINGTON STREET
N/F
OLIVER & CHRISTINE M. GRUNER
BK. 13406, PG. 152

MAP 340, PARCEL 012
1 FAITH WAY
N/F

MAP 340, PARCEL 012
1 FAITH WAY
N/F
FRANKLIN MEWS LLC
BK. 29840, PG. 332

MAP 340, PARCEL 05-3
1 BOGANS WAY
N/F
MICHAEL P. BOGAN
BK. 32452, PG. 285

MAP 340, PARCEL 05-2
7 BOGANS WAY
N/F
MICHAEL P. BOGAN
BK. 32452, PG. 285

MAP 340, PARCEL 05-4
0 BOGANS WAY
N/F
MICHAEL P. BOGAN
BK. 32452, PG. 285

MAP 340, PARCEL 05-4
0 BOGANS WAY
N/F
MICHAEL P. BOGAN
BK. 32452, PG. 285

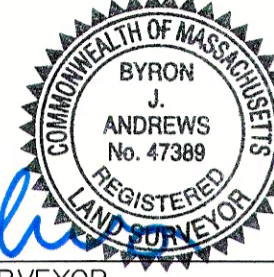
MATCH SHEET C3.2

MATCH SHEET C3.2

NOTES:
 1. OPEN SPACE X & X, PARCEL X ARE NOT TO BE CONSIDERED BUILDING LOTS.

I CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS.

Byron J. Andrews
 REGISTERED LAND SURVEYOR
 12/22/20 DATE



THIS LAND IS SUBJECT TO ANY EASEMENTS, RIGHTS-OF-WAY, RESTRICTIONS, COVENANTS, OR OTHER LIMITATIONS WHICH MAY BE DISCLOSED BY A TITLE EXAMINATION.

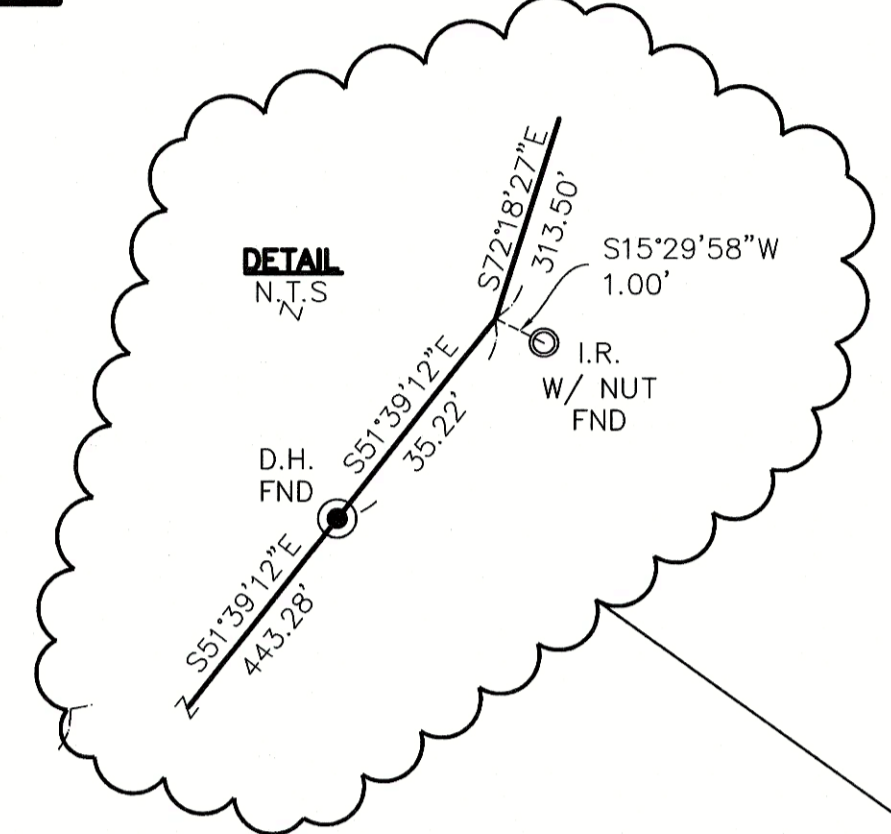


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LEGEND

- N/F NOW OR FORMERLY
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- (F) FOUND
- (S) SET
- IP IRON/STEEL PIPE
- SB STONE BOUND
- CB CONCRETE BOUND
- DH DRILL HOLE
- PIPE
- ROD/REBAR
- STONE/CONCRETE BOUND
- ⊙ DRILL HOLE
- STONE WALL
- PROPOSED BOUND



MAP 340, PARCEL 07
 WASHINGTON STREET
 N/F
 UNITED STATES OF AMERICA
 BK. 5788, PG. 19

PARCEL A
 NOT TO BE CONSIDERED A SEPERATE BUILDABLE LOT DRAINAGE PARCEL
 519,824 SF (11.93 AC)

MAP 348, PARCEL 03
 SOUTH STREET
 N/F
 WARREN H. & MARILYN E. COOK
 BK. 31764, PG. 392

MAP 340, PARCEL 08
 WASHINGTON STREET
 N/F
 UNITED STATES OF AMERICA
 BK. 5746, PG. 335

MAP 340, PARCEL 012
 1 FAITH WAY
 N/F
 FRANKLIN MEWS LLC
 BK. 29840, PG. 332

MAP 340, PARCEL 05-4
 0 BOGANS WAY
 N/F
 MICHAEL P. BOGAN
 BK. 32452, PG. 285

01

MATCH SHEET C3.1

USA EASEMENT TRACT NO. 2217E

100' WETLAND BUFFER

50' WETLAND BUFFER

100' WETLAND BUFFER

50' WETLAND BUFFER

PROPOSED GRADING EASEMENT AREA=1,722 SF

LOT 4
 120,788 SF
 2.77± AC
 FRONTAGE: 200.4 FT

P 340, PARCEL 05-4
 0 BOGANS WAY
 N/F
 MICHAEL P. BOGAN
 BK. 32452, PG. 285

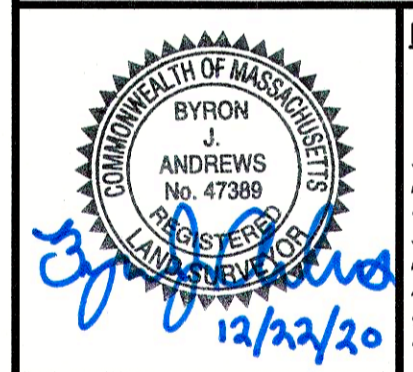
T 3
 98 SF
 ± AC
 : 200.0 FT

APPROVAL UNDER SUBDIVISION CONTROL LAW REQUIRED. FRANKLIN PLANNING BOARD.

BEING A MAJORITY DATE:

THIS CERTIFIES THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE FRANKLIN PLANNING BOARD HAS BEEN RECEIVED AND RECORDED ON AT AND NO APPEAL WAS RECEIVED DURING THE 20 DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

FRANKLIN TOWN CLERK DATE



DRAWING ISSUED FOR:
 ■ PERMIT
 THIS PLAN IS INTENDED TO SHOW CONSTRUCTABILITY AND MAY NOT SHOW ALL CONSTRUCTION DETAILS AND SPECIFICATIONS FOR THE PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION ITEMS/AREAS OF CONTRACTOR JURISDICTION.

P.L.S

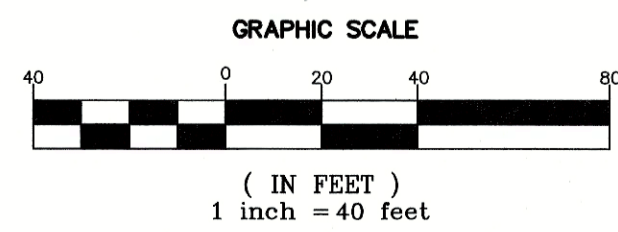
| REVISIONS | | |
|-----------|------|-------------|
| NO. | DATE | DESCRIPTION |
| | | |
| | | |
| | | |

SHEET TITLE

DEFINITIVE PLAN SHEET 2 of 2

PROJECT:
 OLAM ESTATES
 DEFINITIVE SUBDIVISION
 900 WASHINGTON STREET
 FRANKLIN, MA 02038

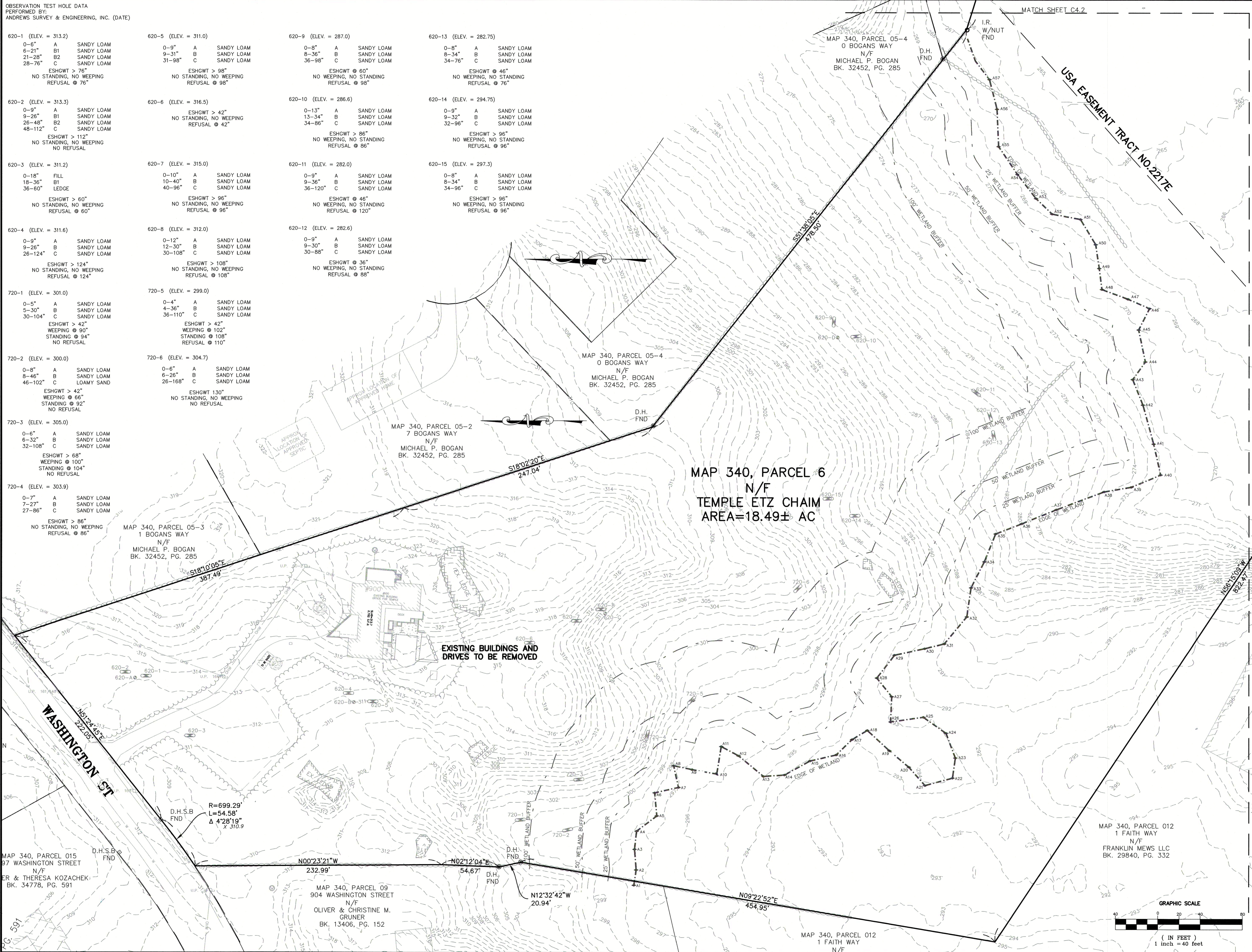
OWNER/APPLICANT:
 TEMPLE ETZ CHAIM
 900 WASHINGTON STREET
 FRANKLIN, MA 02038



DES BY: KML DATE: DECEMBER 22, 2020
 CHK BY: JEG PROJECT NO. 2019-032 **C3.2**

OBSERVATION TEST HOLE DATA
 PERFORMED BY:
 ANDREWS SURVEY & ENGINEERING, INC. (DATE)

| | | | |
|--|---|--|---|
| <p>620-1 (ELEV. = 313.2)</p> <p>0-6" A SANDY LOAM 6-21" B1 SANDY LOAM 21-28" B2 SANDY LOAM 28-76" C SANDY LOAM</p> <p>ESHGWT > 76" NO STANDING, NO WEEPING REFUSAL @ 76"</p> | <p>620-5 (ELEV. = 311.0)</p> <p>0-9" A SANDY LOAM 9-31" B SANDY LOAM 31-98" C SANDY LOAM</p> <p>ESHGWT > 98" NO STANDING, NO WEEPING REFUSAL @ 98"</p> | <p>620-9 (ELEV. = 287.0)</p> <p>0-8" A SANDY LOAM 8-36" B SANDY LOAM 36-98" C SANDY LOAM</p> <p>ESHGWT @ 60" NO WEEPING, NO STANDING REFUSAL @ 98"</p> | <p>620-13 (ELEV. = 282.75)</p> <p>0-8" A SANDY LOAM 8-34" B SANDY LOAM 34-76" C SANDY LOAM</p> <p>ESHGWT @ 46" NO WEEPING, NO STANDING REFUSAL @ 76"</p> |
| <p>620-2 (ELEV. = 313.3)</p> <p>0-9" A SANDY LOAM 9-26" B1 SANDY LOAM 26-48" B2 SANDY LOAM 48-112" C SANDY LOAM</p> <p>ESHGWT > 112" NO STANDING, NO WEEPING NO REFUSAL</p> | <p>620-6 (ELEV. = 316.5)</p> <p>ESHGWT > 42" NO STANDING, NO WEEPING REFUSAL @ 42"</p> | <p>620-10 (ELEV. = 286.6)</p> <p>0-13" A SANDY LOAM 13-34" B SANDY LOAM 34-86" C SANDY LOAM</p> <p>ESHGWT > 86" NO WEEPING, NO STANDING REFUSAL @ 86"</p> | <p>620-14 (ELEV. = 294.75)</p> <p>0-9" A SANDY LOAM 9-32" B SANDY LOAM 32-96" C SANDY LOAM</p> <p>ESHGWT > 96" NO WEEPING, NO STANDING REFUSAL @ 96"</p> |
| <p>620-3 (ELEV. = 311.2)</p> <p>0-18" FILL 18-36" B1 36-60" LEDGE</p> <p>ESHGWT > 60" NO STANDING, NO WEEPING REFUSAL @ 60"</p> | <p>620-7 (ELEV. = 315.0)</p> <p>0-10" A SANDY LOAM 10-40" B SANDY LOAM 40-96" C SANDY LOAM</p> <p>ESHGWT > 96" NO STANDING, NO WEEPING REFUSAL @ 96"</p> | <p>620-11 (ELEV. = 282.0)</p> <p>0-9" A SANDY LOAM 9-36" B SANDY LOAM 36-120" C SANDY LOAM</p> <p>ESHGWT @ 46" NO WEEPING, NO STANDING REFUSAL @ 120"</p> | <p>620-15 (ELEV. = 297.3)</p> <p>0-8" A SANDY LOAM 8-34" B SANDY LOAM 34-96" C SANDY LOAM</p> <p>ESHGWT > 96" NO WEEPING, NO STANDING REFUSAL @ 96"</p> |
| <p>620-4 (ELEV. = 311.6)</p> <p>0-9" A SANDY LOAM 9-26" B SANDY LOAM 26-124" C SANDY LOAM</p> <p>ESHGWT > 124" NO STANDING, NO WEEPING REFUSAL @ 124"</p> | <p>620-8 (ELEV. = 312.0)</p> <p>0-12" A SANDY LOAM 12-30" B SANDY LOAM 30-108" C SANDY LOAM</p> <p>ESHGWT > 108" NO STANDING, NO WEEPING REFUSAL @ 108"</p> | <p>620-12 (ELEV. = 282.6)</p> <p>0-9" A SANDY LOAM 9-30" B SANDY LOAM 30-88" C SANDY LOAM</p> <p>ESHGWT @ 36" NO WEEPING, NO STANDING REFUSAL @ 88"</p> | |
| <p>720-1 (ELEV. = 301.0)</p> <p>0-5" A SANDY LOAM 5-30" B SANDY LOAM 30-104" C SANDY LOAM</p> <p>ESHGWT > 42" WEEPING @ 90" STANDING @ 94" NO REFUSAL</p> | <p>720-5 (ELEV. = 299.0)</p> <p>0-4" A SANDY LOAM 4-36" B SANDY LOAM 36-110" C SANDY LOAM</p> <p>ESHGWT > 42" WEEPING @ 102" STANDING @ 108" REFUSAL @ 110"</p> | | |
| <p>720-2 (ELEV. = 300.0)</p> <p>0-8" A SANDY LOAM 8-46" B SANDY LOAM 46-102" C LOAMY SAND</p> <p>ESHGWT > 42" WEEPING @ 66" STANDING @ 92" NO REFUSAL</p> | <p>720-6 (ELEV. = 304.7)</p> <p>0-6" A SANDY LOAM 6-26" B SANDY LOAM 26-168" C SANDY LOAM</p> <p>ESHGWT 130" NO STANDING, NO WEEPING NO REFUSAL</p> | | |
| <p>720-3 (ELEV. = 305.0)</p> <p>0-6" A SANDY LOAM 6-32" B SANDY LOAM 32-108" C SANDY LOAM</p> <p>ESHGWT > 88" WEEPING @ 100" STANDING @ 104" NO REFUSAL</p> | | | |
| <p>720-4 (ELEV. = 303.9)</p> <p>0-7" A SANDY LOAM 7-27" B SANDY LOAM 27-86" C SANDY LOAM</p> <p>ESHGWT > 86" NO STANDING, NO WEEPING REFUSAL @ 96"</p> | | | |



ASE
 Andrews Survey & Engineering, Inc.
 Land Surveying - Civil Engineering - Site Planning
 P.O. Box 312, 104 Mendon Street
 Uxbridge, Massachusetts 01569
 P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW
 REQUIRED. FRANKLIN PLANNING BOARD

BEING A MAJORITY DATE:
 THIS CERTIFIES THAT THE NOTICE OF APPROVAL
 OF THIS PLAN BY THE FRANKLIN PLANNING
 BOARD HAS BEEN RECEIVED AND RECORDED ON
 AT
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FRANKLIN TOWN CLERK DATE

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 OF CONTRACTOR JURISDICTION.

BYRON
 &
 ANDREWS
 No. 47388
 LAND SURVEYING
 LICENSED PROFESSIONAL
 12/22/20
 P.L.S.

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

SHEET TITLE
**EXISTING CONDITIONS
 SHEET 1 of 2**

PROJECT:
**OLAM ESTATES
 DEFINITIVE SUBDIVISION
 900 WASHINGTON STREET
 FRANKLIN, MA 02038**

OWNER/APPLICANT:
**TEMPLE ETZ CHAIM
 900 WASHINGTON STREET
 FRANKLIN, MA 02038**

DES BY: KNL DATE: DECEMBER 22, 2020
 CHK BY: JEG PROJECT NO. 2019-032

C4.1

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Land Surveying - Civil Engineering - Site Planning

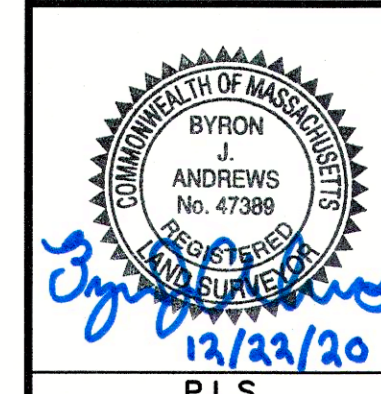
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

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| REVISIONS | | |
|-----------|------|-------------|
| NO. | DATE | DESCRIPTION |
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SHEET TITLE

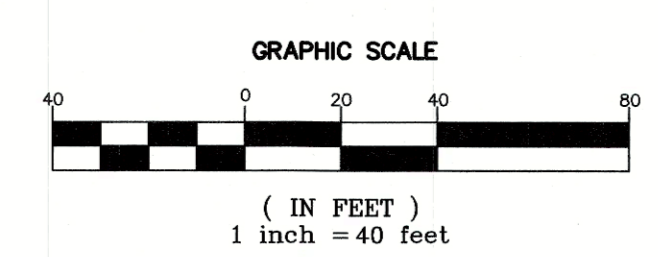
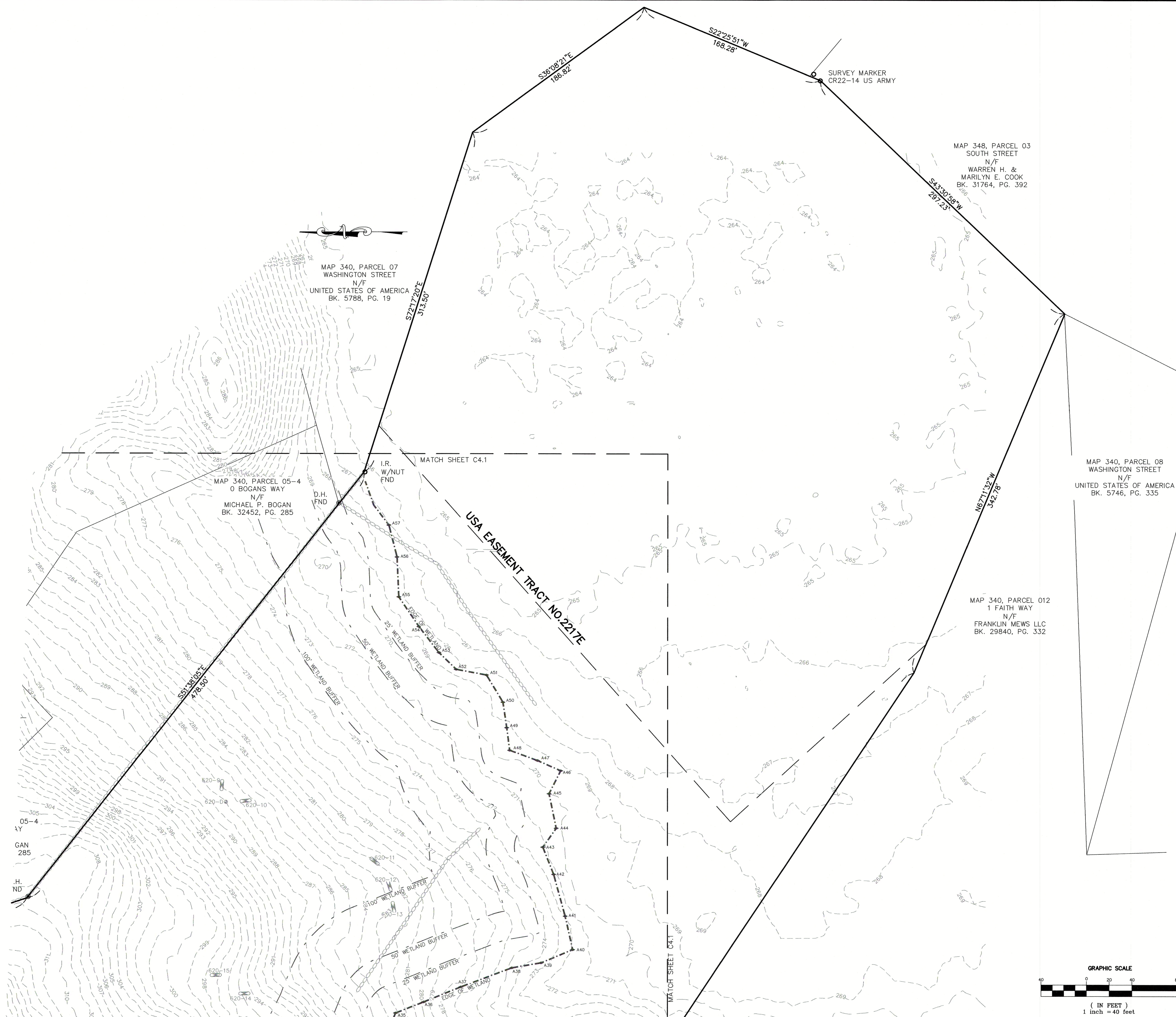
EXISTING CONDITIONS SHEET 2 of 2

PROJECT:
**OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038**

OWNER/APPLICANT:
**TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038**

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

C4.2



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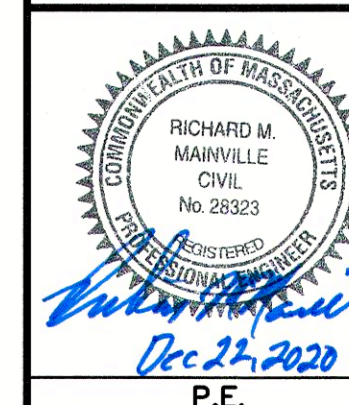
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW
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| REVISIONS | | |
|-----------|------|-------------|
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SHEET TITLE

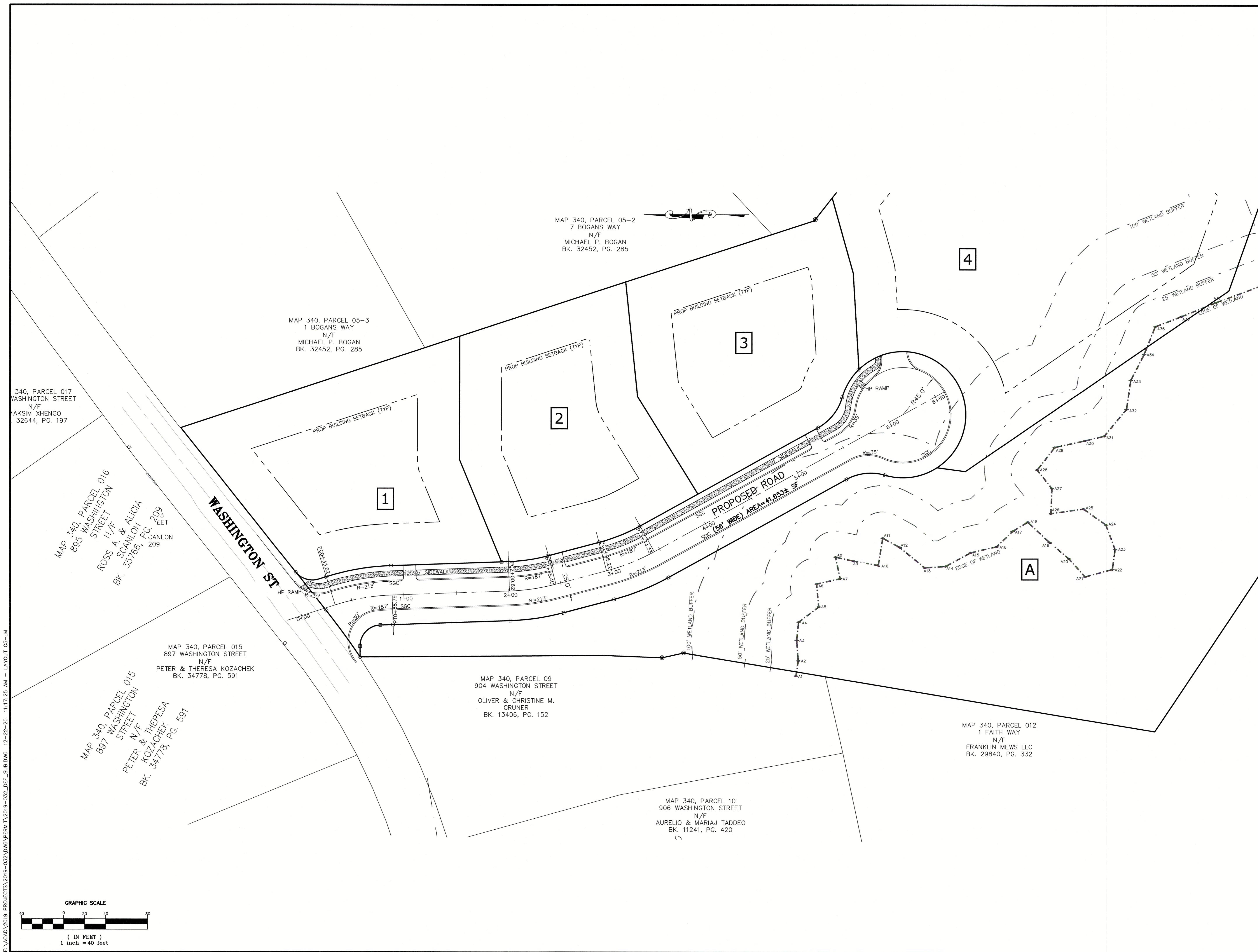
LAYOUT AND MATERIALS PLAN

PROJECT:
OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

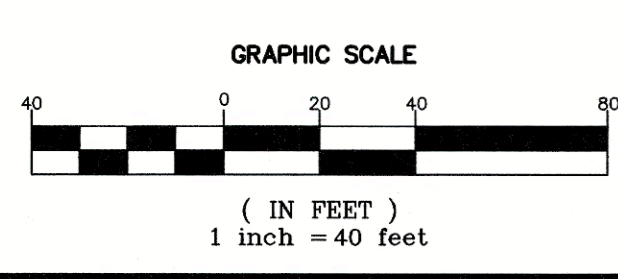
OWNER/APPLICANT:
TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

C5



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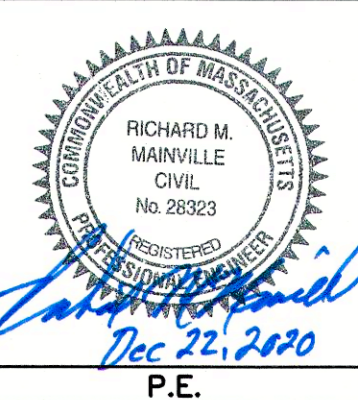
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW
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REVISIONS

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SHEET TITLE

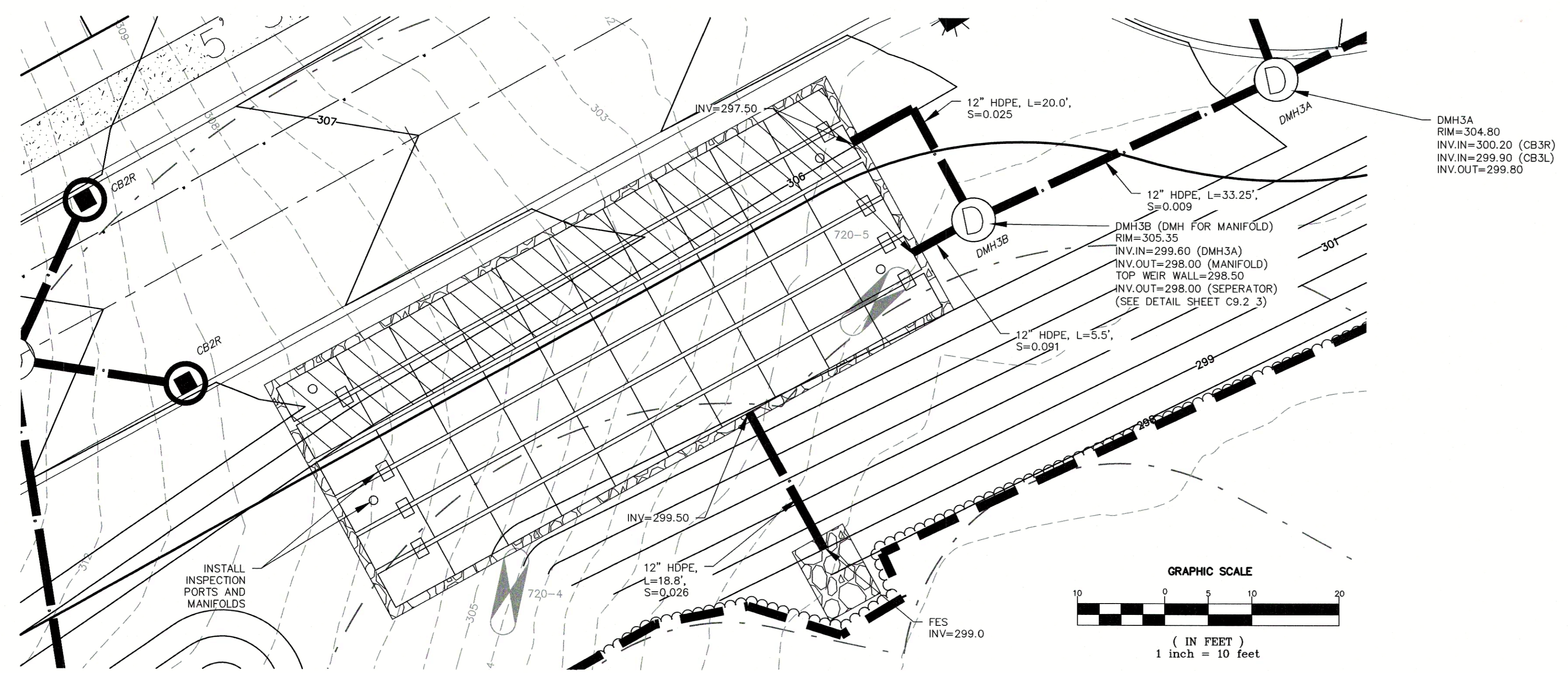
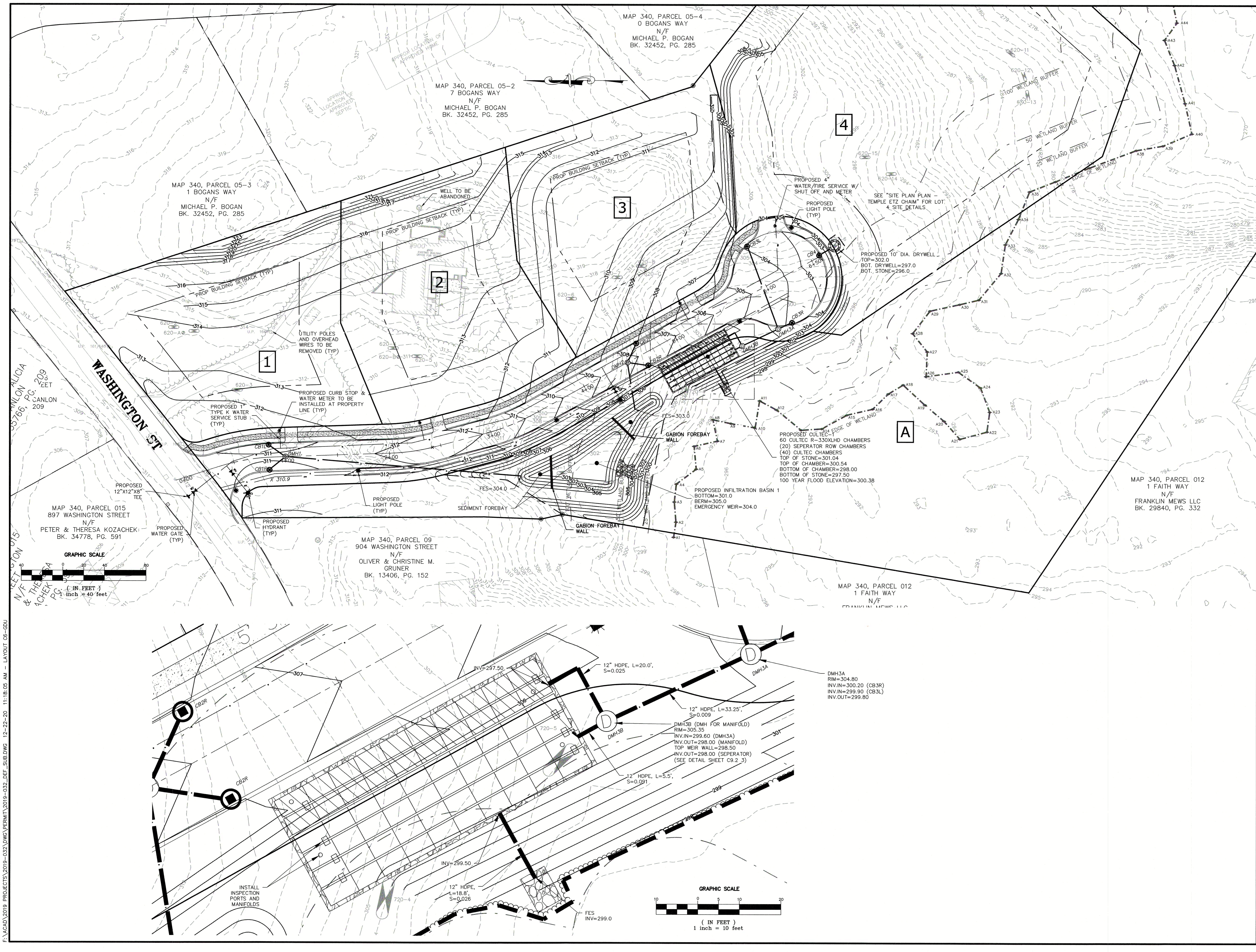
**GRADING, DRAINAGE
AND UTILITY PLAN**

PROJECT:
OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

OWNER/APPLICANT:
TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

C6



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P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW
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OF CONTRACTOR JURISDICTION.
Richard M. Manville
Civil
No. 28323
Dec 22, 2020
P.E.

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| | | |
| | | |
| | | |

SHEET TITLE

LANDSCAPING PLAN

PROJECT:
OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

OWNER/APPLICANT:
TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

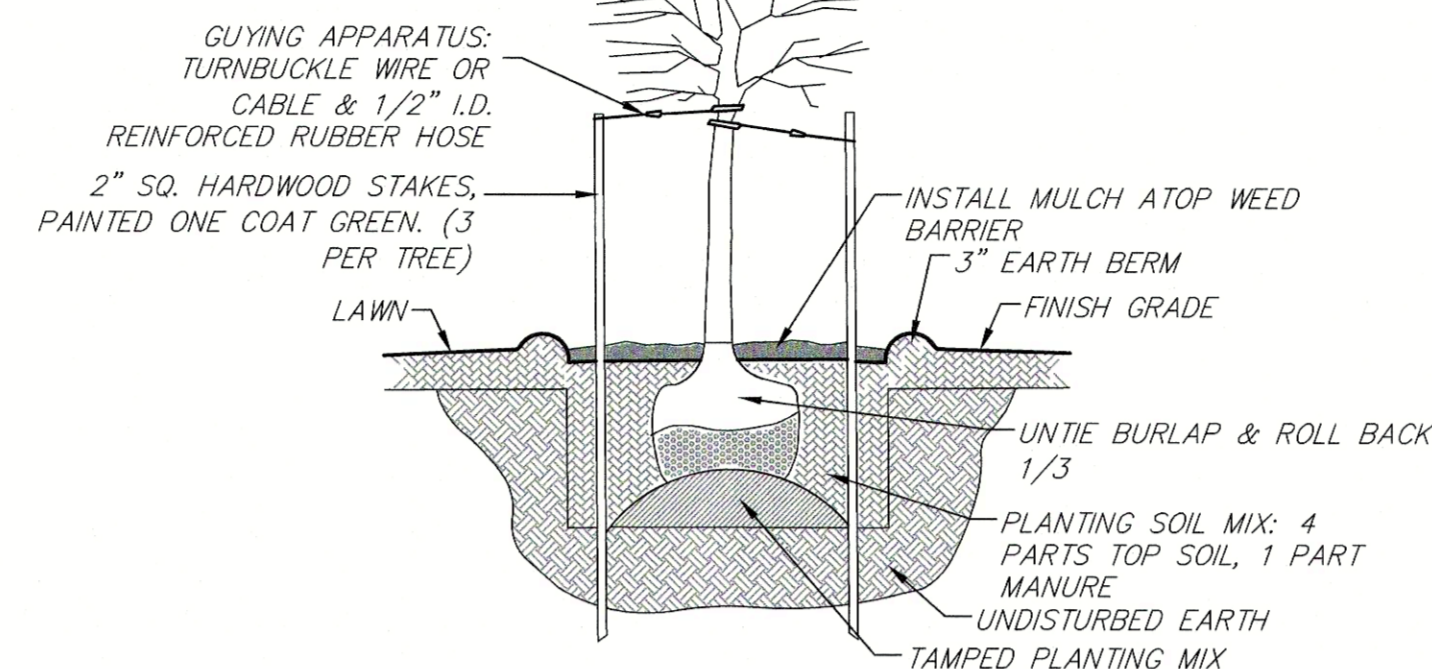
C7

PLANT SCHEDULE

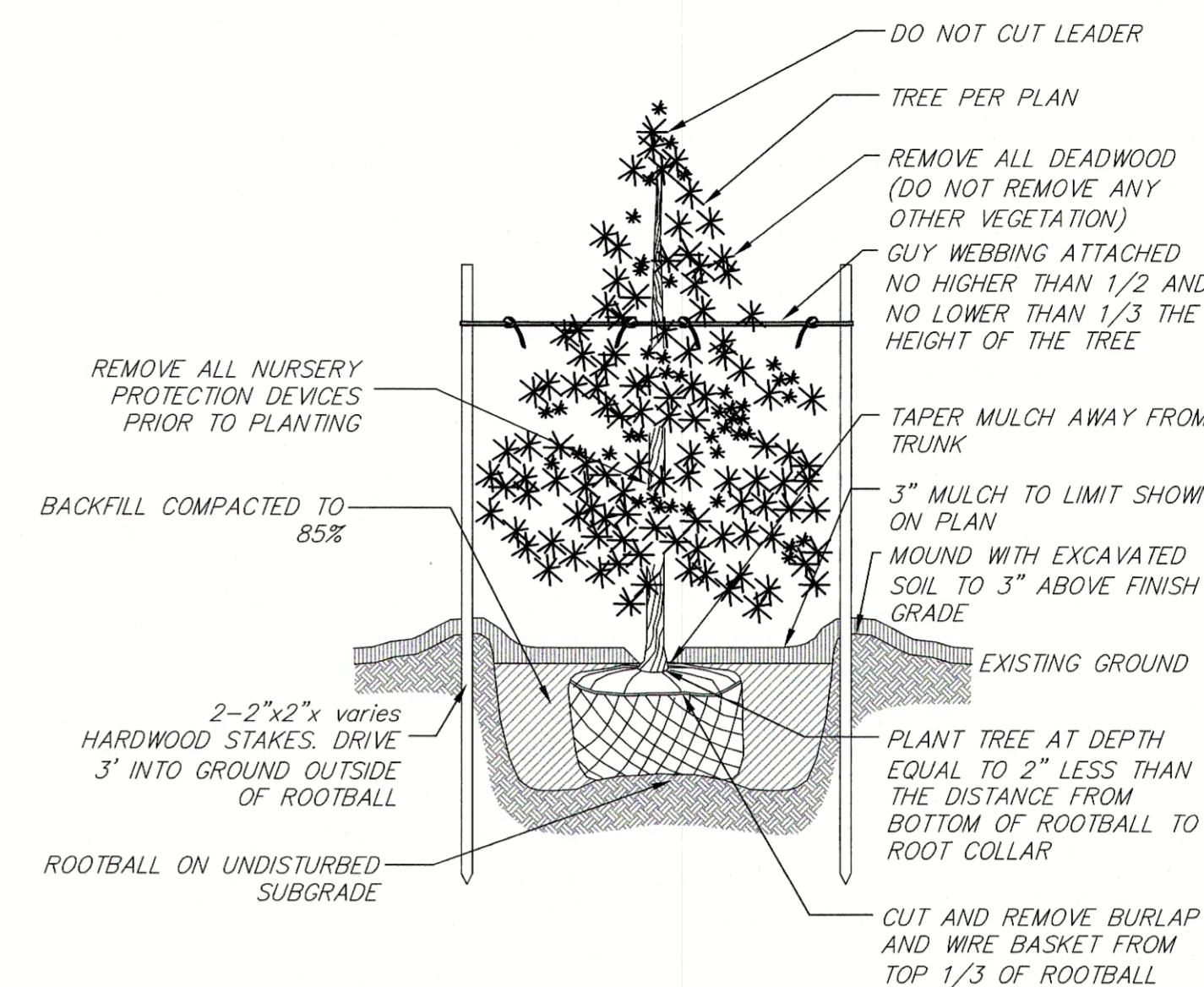
| QTY | KEY | BOTANICAL NAME | COMMON NAME | SIZE |
|-----|-----|---------------------------------|-------------|------------|
| 7 | WO | QUERCUS ALBA | WHITE OAK | 2-2.5" cal |
| 7 | SM | ACER SACCHARUM 'GREEN MOUNTAIN' | SUGAR MAPLE | 2-2.5" cal |
| 7 | SG | LIQUIDAMBAR STYRACILFLUA | SWEET GUM | 2-2.5" cal |

NOTES:

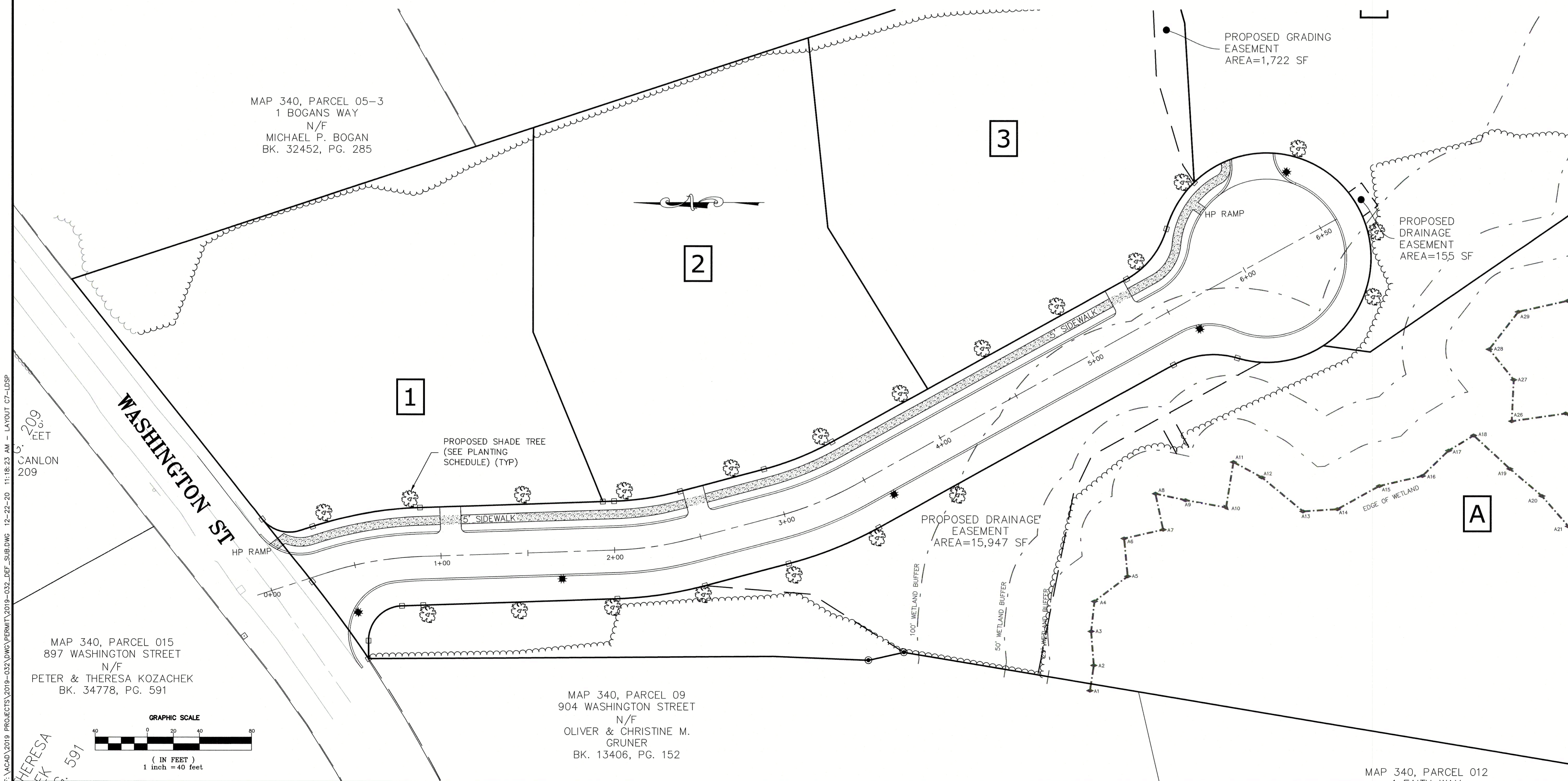
1. SPECIES SHALL BE INSTALLED IN A STAGGERED MANNER, WHERE
NO ONE SPECIES SHALL BE NEXT TO A LIKE SPECIES.



1 DECIDUOUS TREE PLANTING
SCALE: N.T.S.



2 EVERGREEN TREE PLANTING
SCALE: N.T.S.



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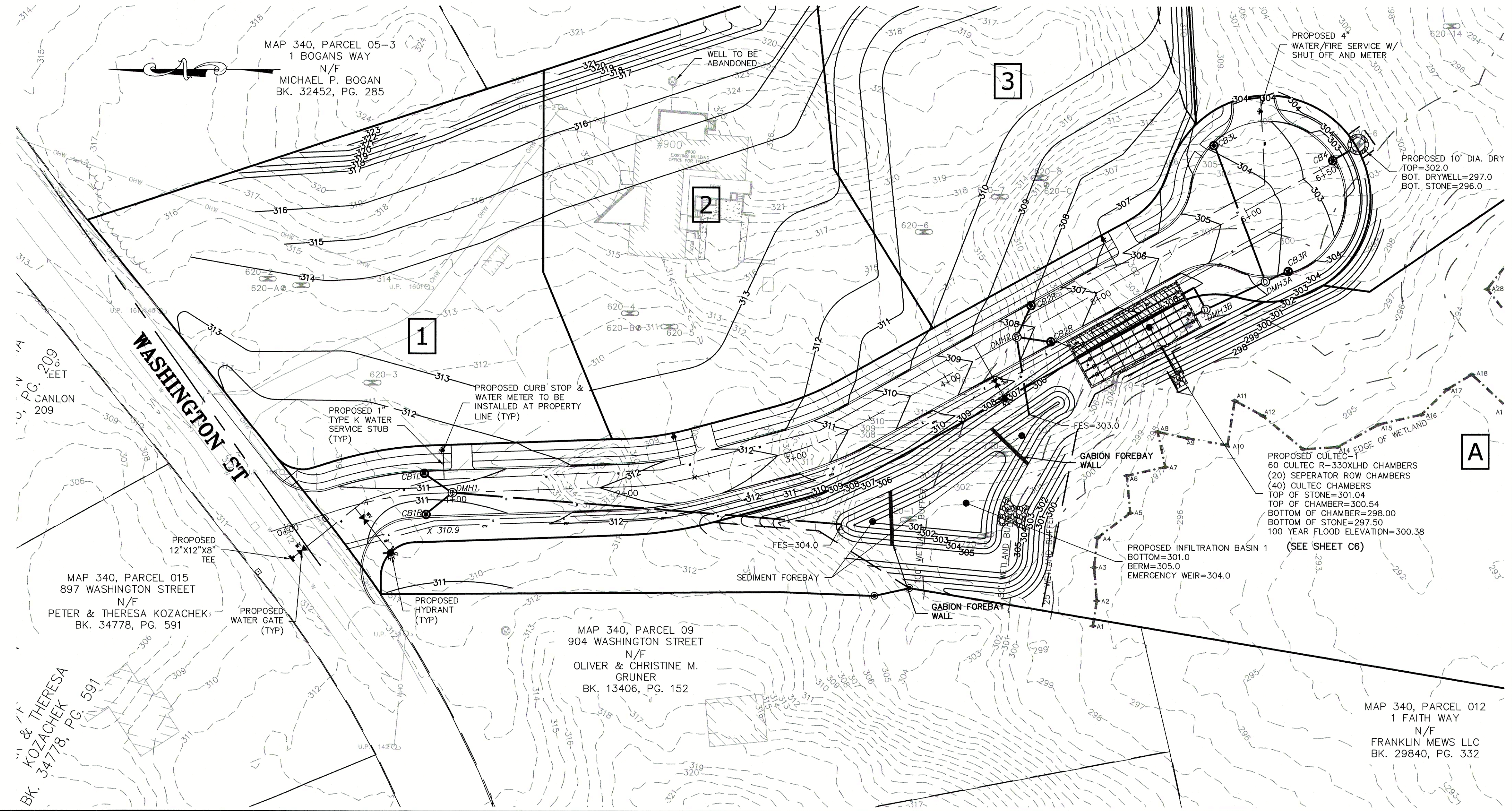
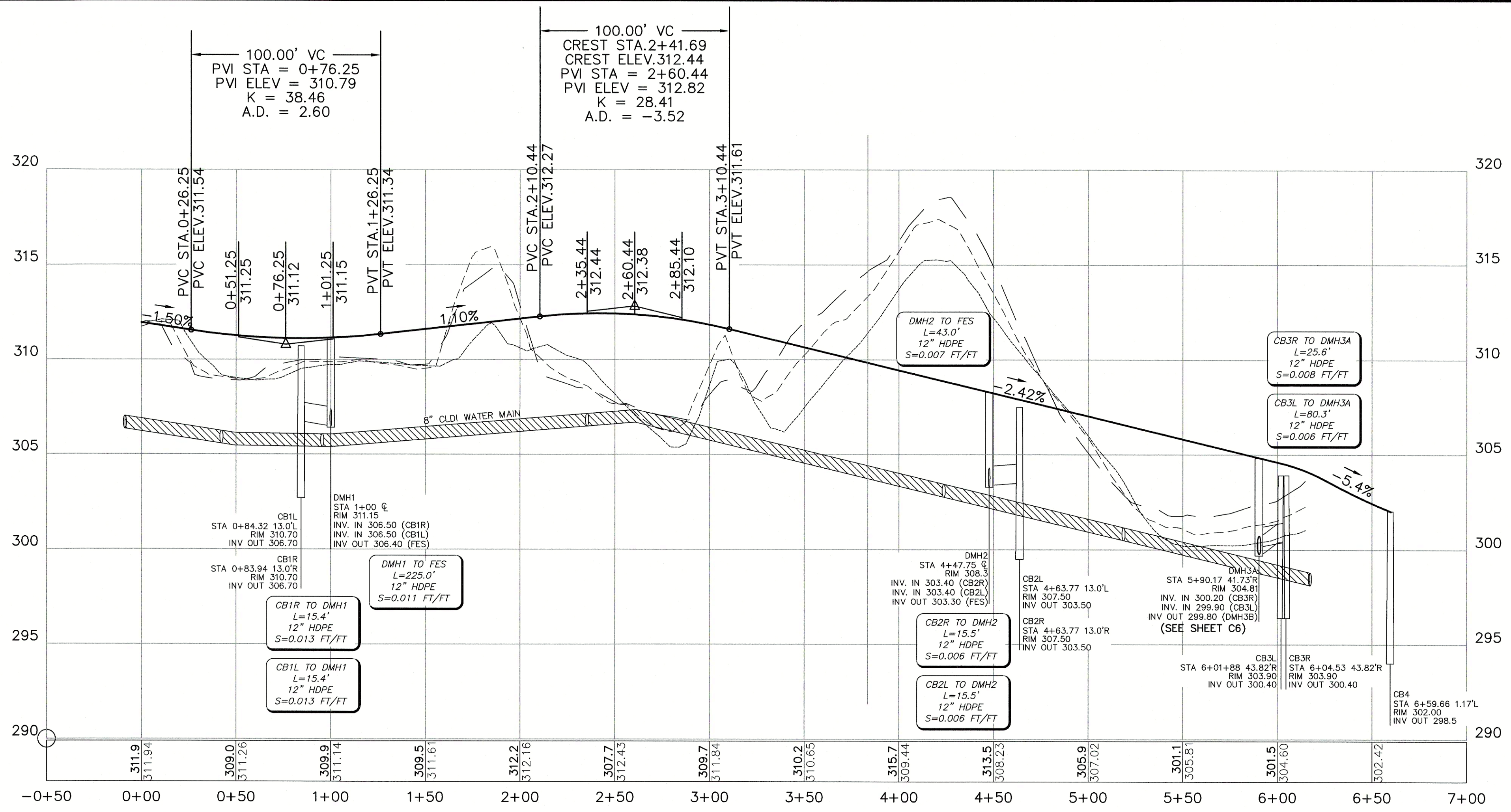
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW
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REVISIONS

| NO. | DATE | DESCRIPTION |
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| | | |
| | | |
| | | |

SHEET TITLE

**PLAN AND PROFILE
STA -0+10 - 6+60**

PROJECT:
 OLAM ESTATES
 DEFINITIVE SUBDIVISION
 900 WASHINGTON STREET
 FRANKLIN, MA 02038

OWNER/APPLICANT:
 TEMPLE ETZ CHAIM
 900 WASHINGTON STREET
 FRANKLIN, MA 02038

DES BY: KNL **DATE:** DECEMBER 22, 2020
CHK BY: JEG **PROJECT NO.:** 2019-032

REVISIONS

| NO. | DATE | DESCRIPTION |
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SHEET TITLE

**PLAN AND PROFILE
STA -0+10 - 6+60**

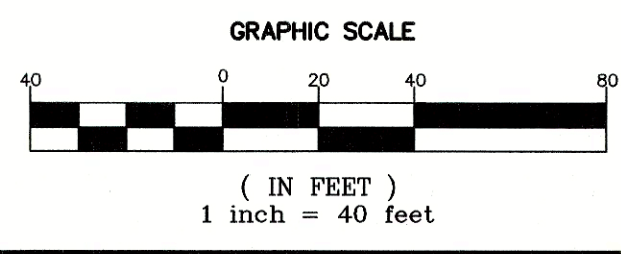
PROJECT:
 OLAM ESTATES
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 FRANKLIN, MA 02038

OWNER/APPLICANT:
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 900 WASHINGTON STREET
 FRANKLIN, MA 02038

DES BY: KNL **DATE:** DECEMBER 22, 2020
CHK BY: JEG **PROJECT NO.:** 2019-032

C8

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APPROVAL UNDER SUBDIVISION CONTROL LAW
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RICHARD M. MANVILLE
CIVIL
No. 28223
REGISTERED
Dec 22, 2020
P.E.

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
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SHEET TITLE

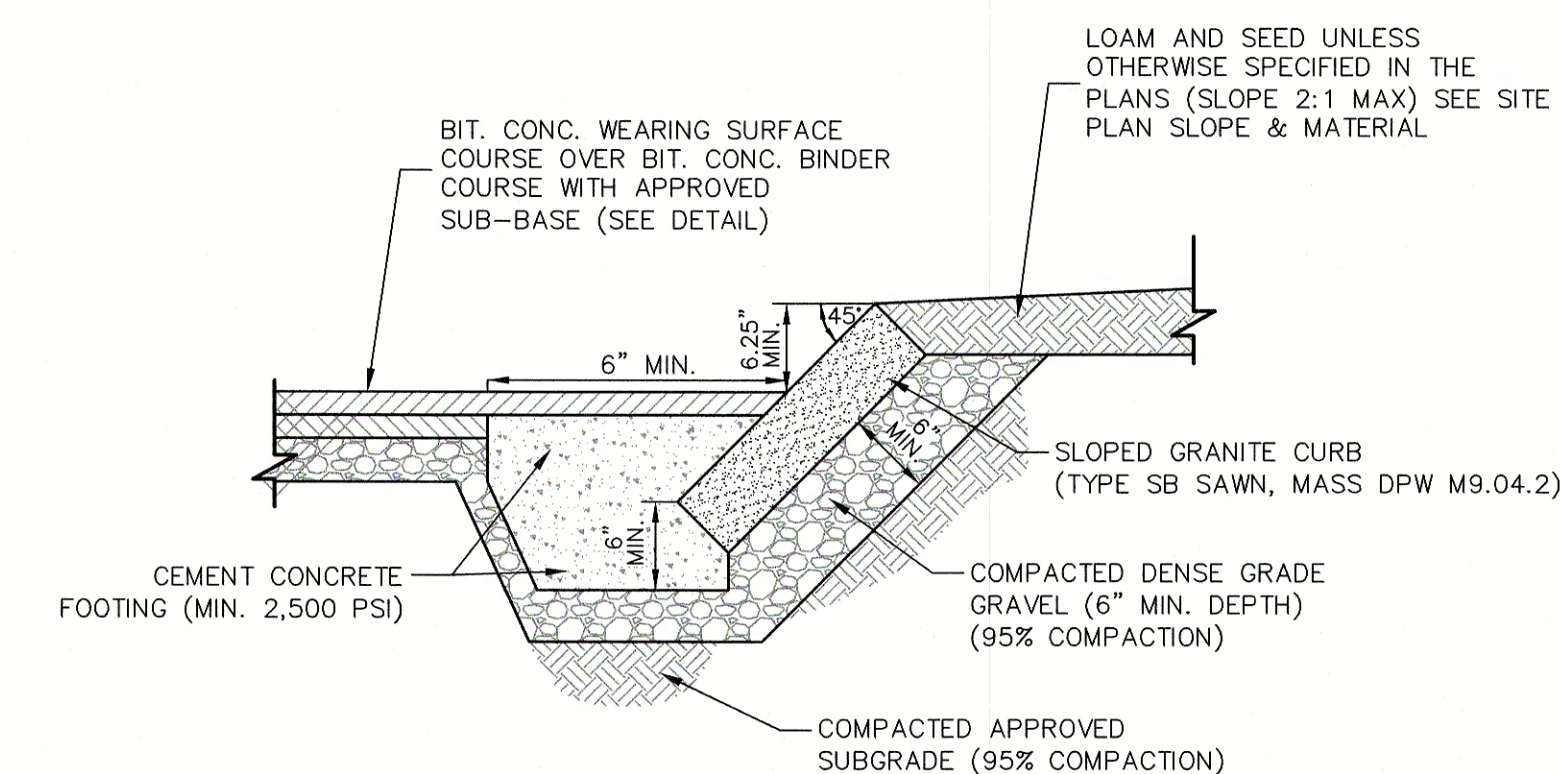
CONSTRUCTION DETAILS SHEET 1 of 3

PROJECT:
OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

OWNER/APPLICANT:
TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

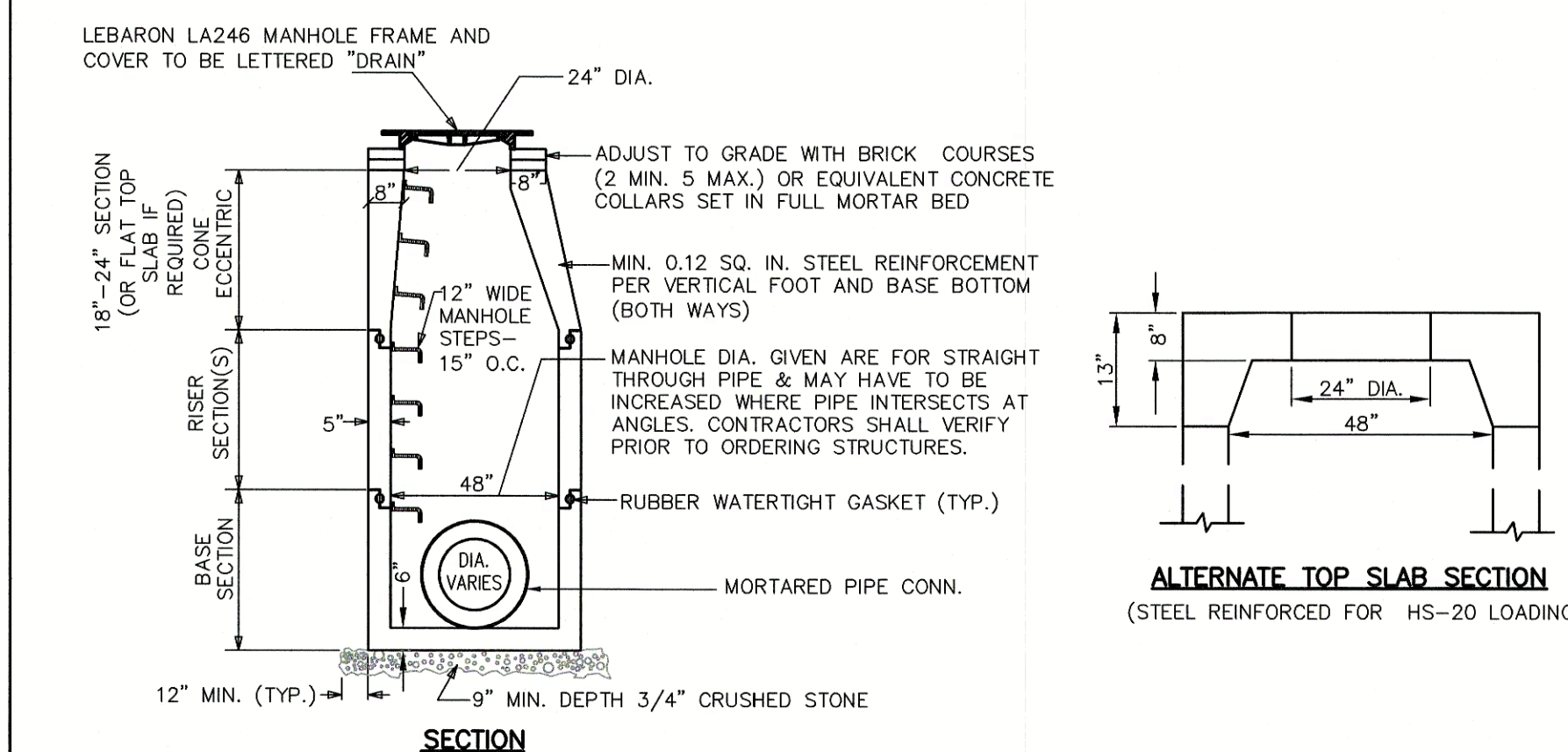
DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

C9.1

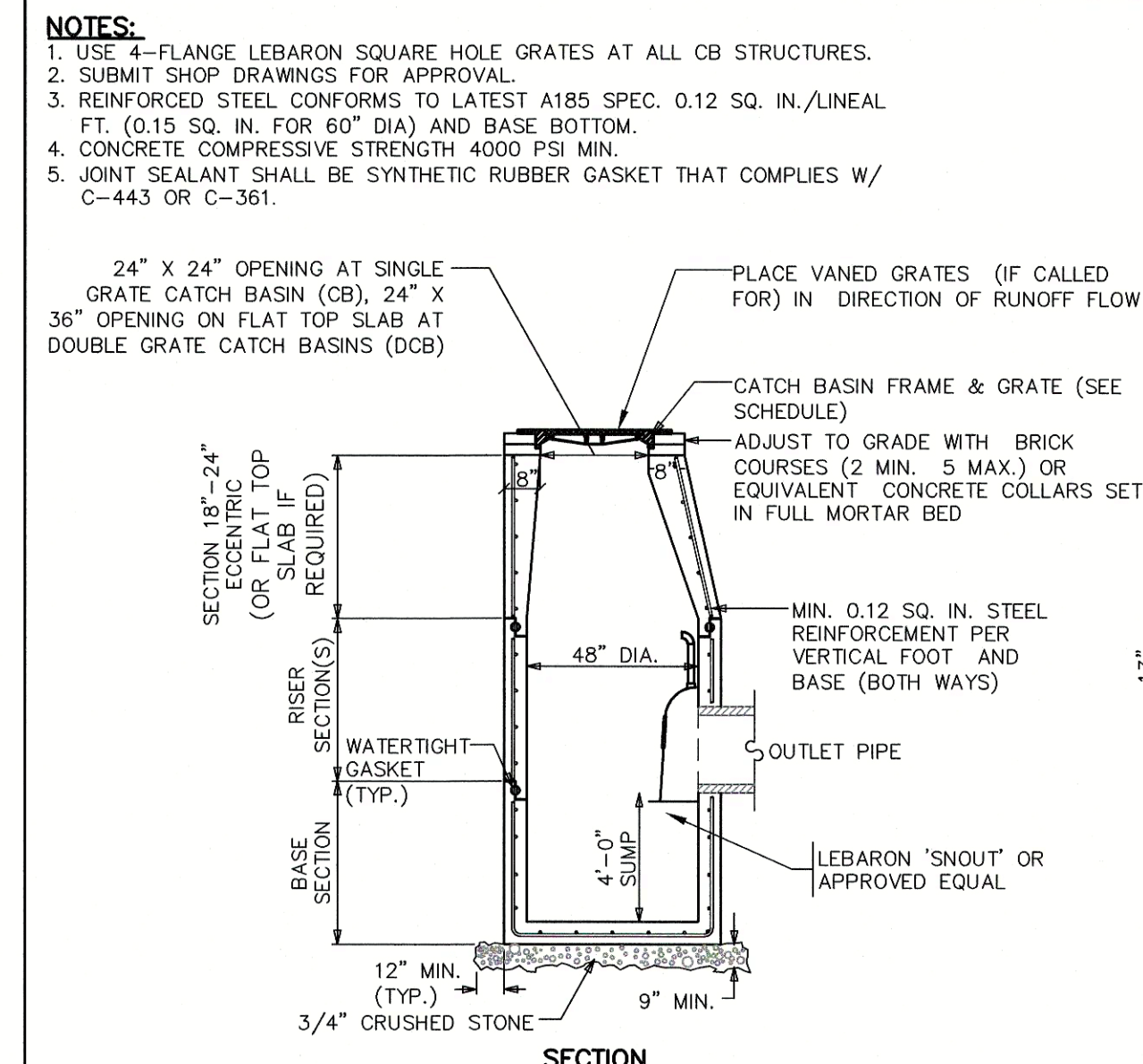


2 SLANT GRANITE CURB (SGC)
SCALE: N.T.S.

- NOTES:
1. REINFORCED STEEL CONFORMS TO LATEST A185 SPEC. 0.12 SQ. IN./LINEAL FT. (0.15 SQ. IN. FOR 60" DIA) AND BASE BOTTOM.
 2. CONCRETE COMPRESSIVE STRENGTH 4000 PSI MIN.
 3. MANHOLE DESIGN CONFORMS TO LATEST ASTM C478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS".
 4. JOINT SEALANT SHALL BE SYNTHETIC RUBBER GASKET THAT COMPLIES W/ C-443 OR C-361. 5. BASE SECTION SHALL BE ONE POUR MONOLITHIC.

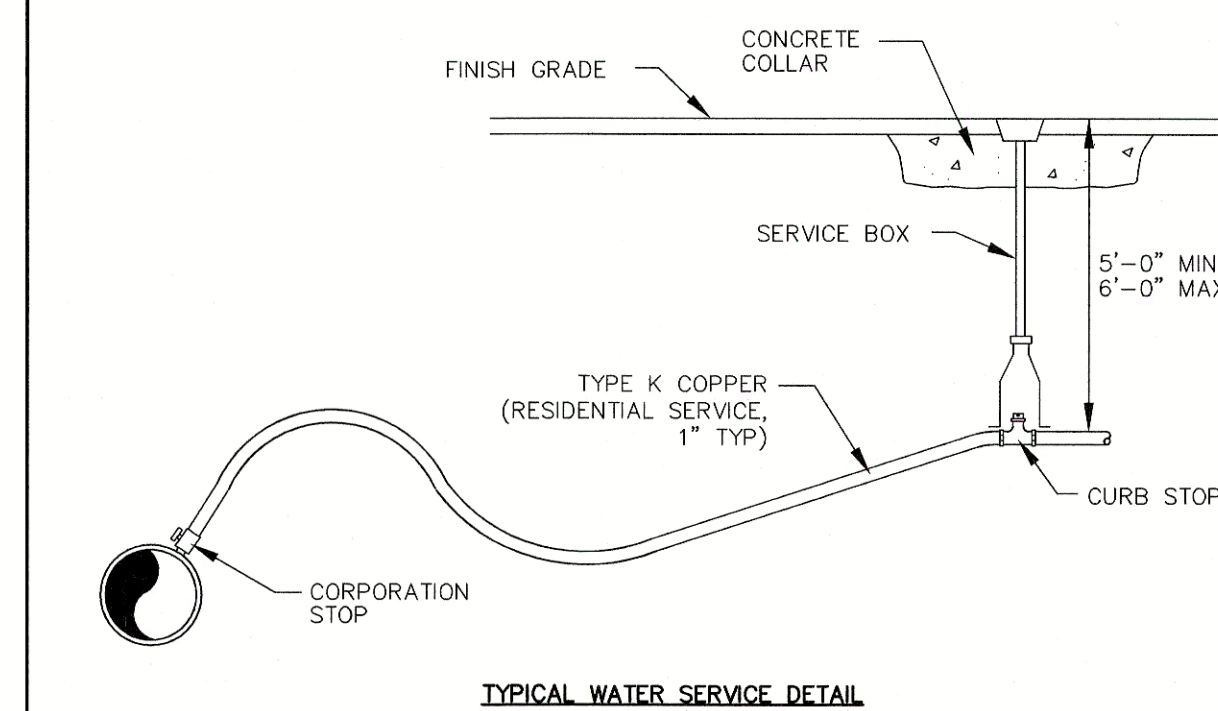


5 TYPICAL PRECAST CONCRETE DRAIN MANHOLE
SCALE: N.T.S.

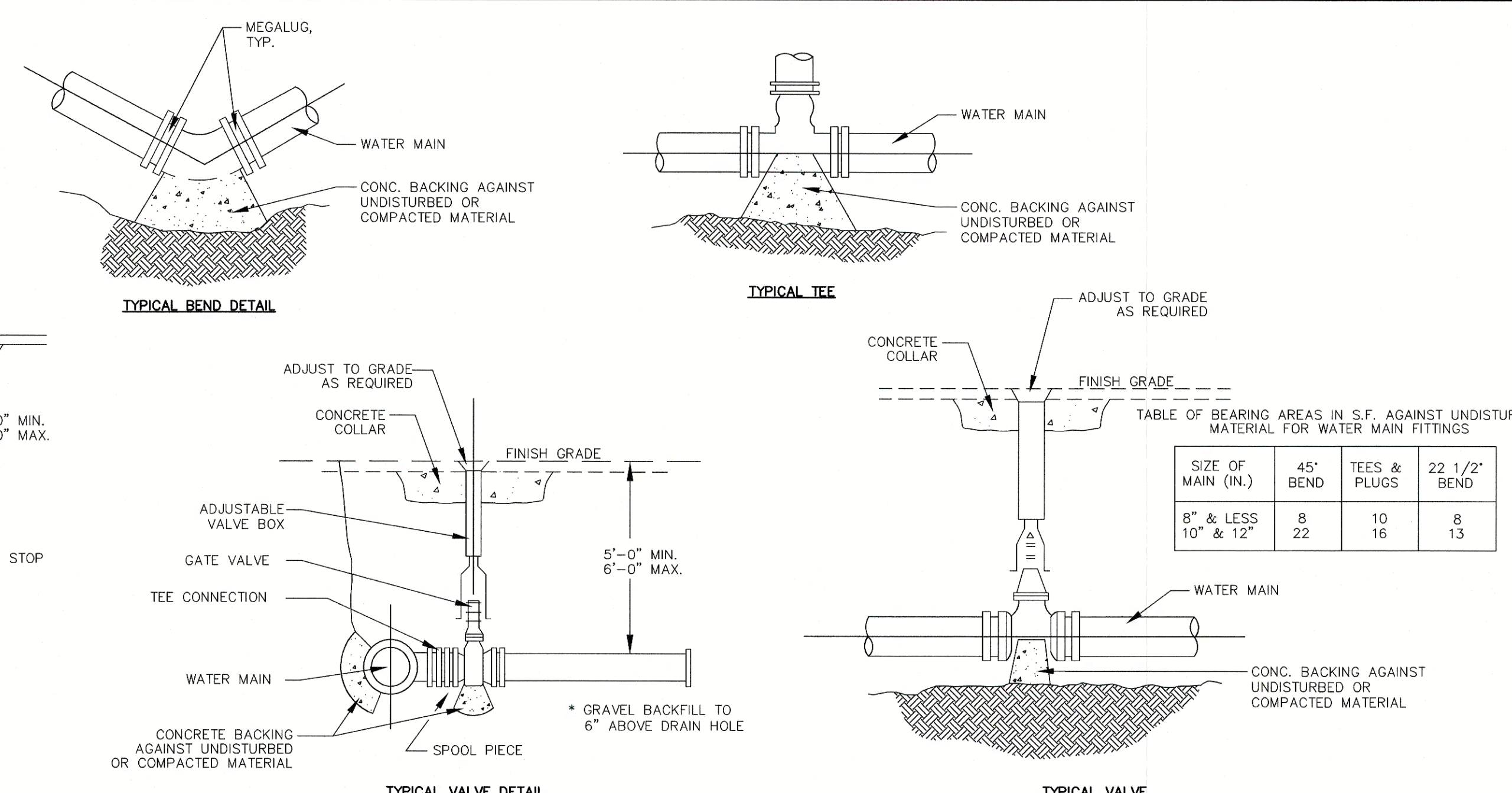


4 PRECAST CONCRETE DEEP SUMP CATCH BASIN
SCALE: N.T.S.

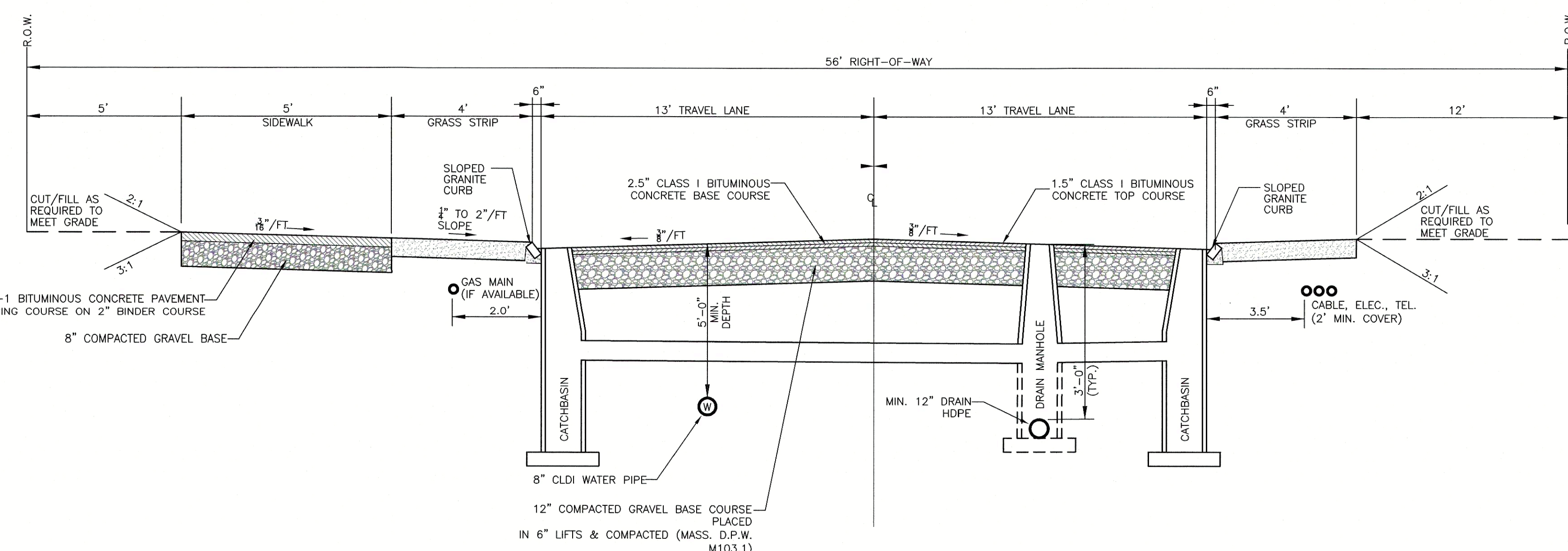
- NOTES:
1. ALL SERVICE FITTINGS SHALL BE COMPRESSION TYPE WITH PACK JOINT.
 2. VALVES TO OPEN IN DIRECTION SPECIFIED BY FRANKLIN DPW.
 3. MECHANICAL JOINTS TO BE MEGALUG, OR APPROVED EQUAL.
 4. VALVE BOXES SHALL HAVE CEMENT CONCRETE COLLARS.
 5. ALL MATERIALS AND CONSTRUCTION METHODS PER TOWN OF FRANKLIN WATER DEPARTMENT REQUIREMENTS.
 6. WATER SERVICES LARGER THAN 1" ARE TO BE RESTRAINED TO MAIN WITH APPROVED SADDLE.



7 TYPICAL WATER SERVICE DETAILS
SCALE: N.T.S.

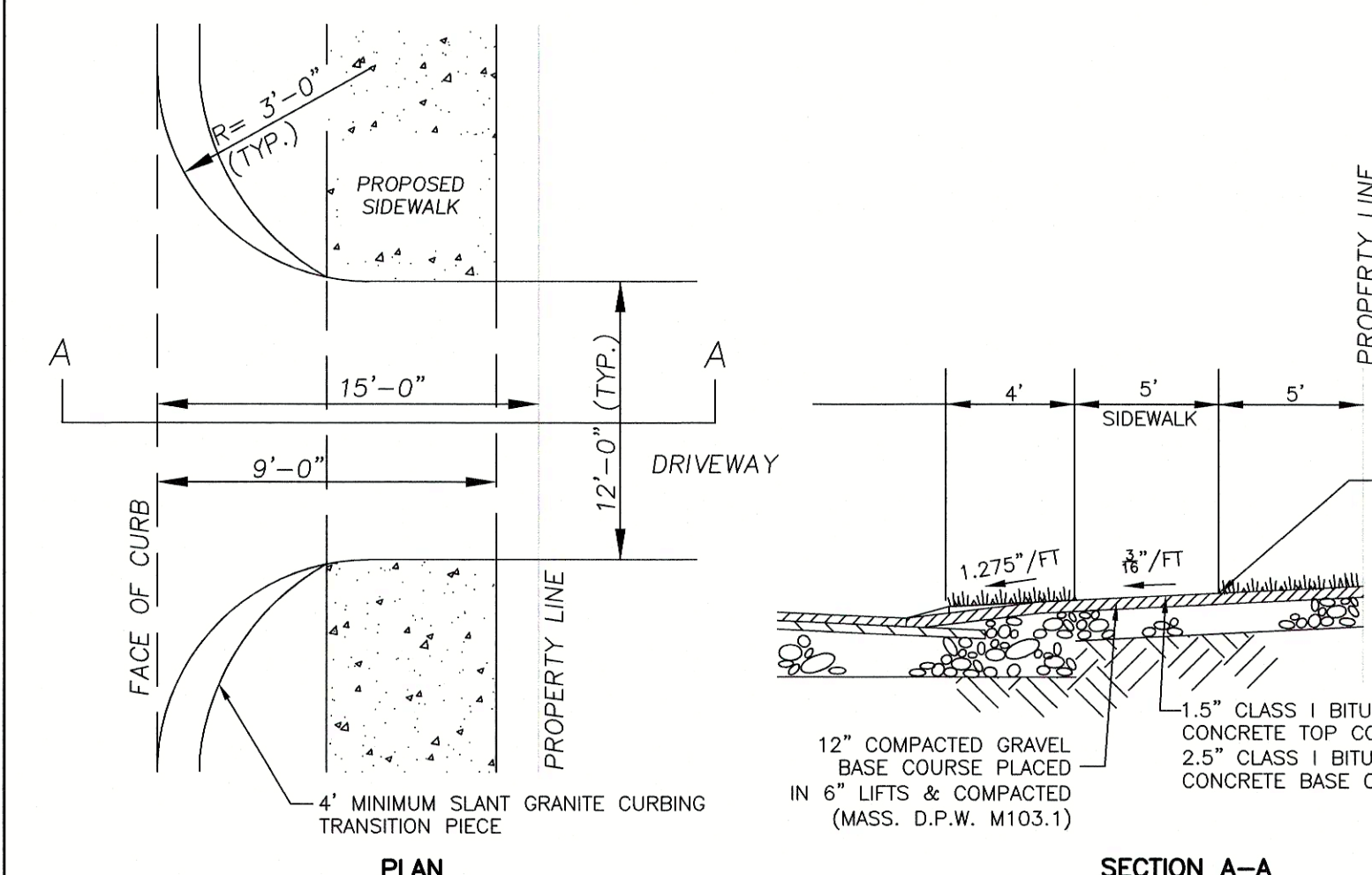


TYPICAL VALVE

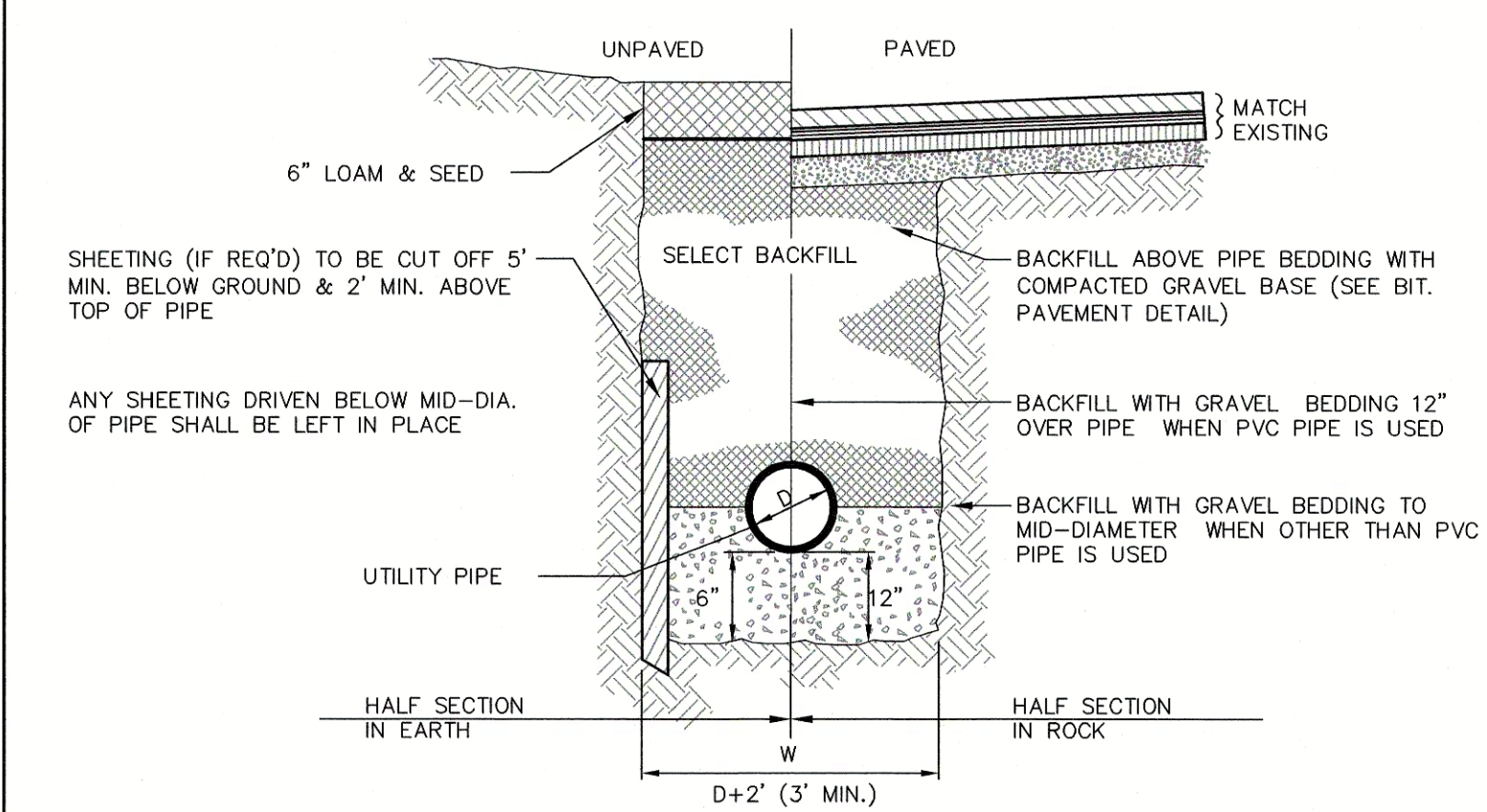


1 PROPOSED MINOR ROAD CROSS-SECTION (TYPICAL)
SCALE: N.T.S.

NOTE:
DRIVEWAY ENTRANCE DESIGN AND INSTALLATION SHALL FOLLOW
TOWN OF FRANKLIN SUBDIVISION REGULATIONS §300-10 (G)

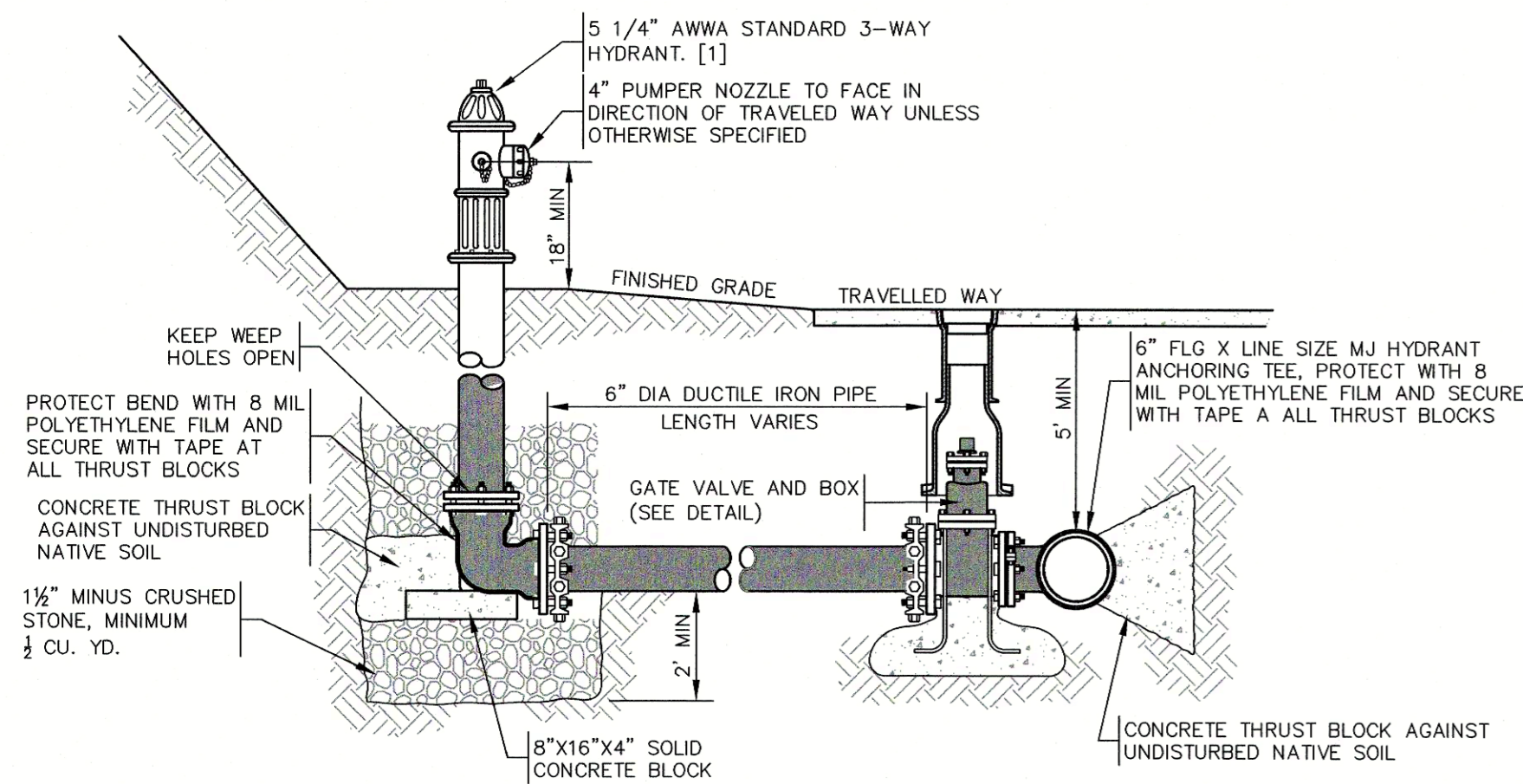


3 RESIDENTIAL DRIVEWAY ENTRANCE (TYPICAL)
SCALE: N.T.S.

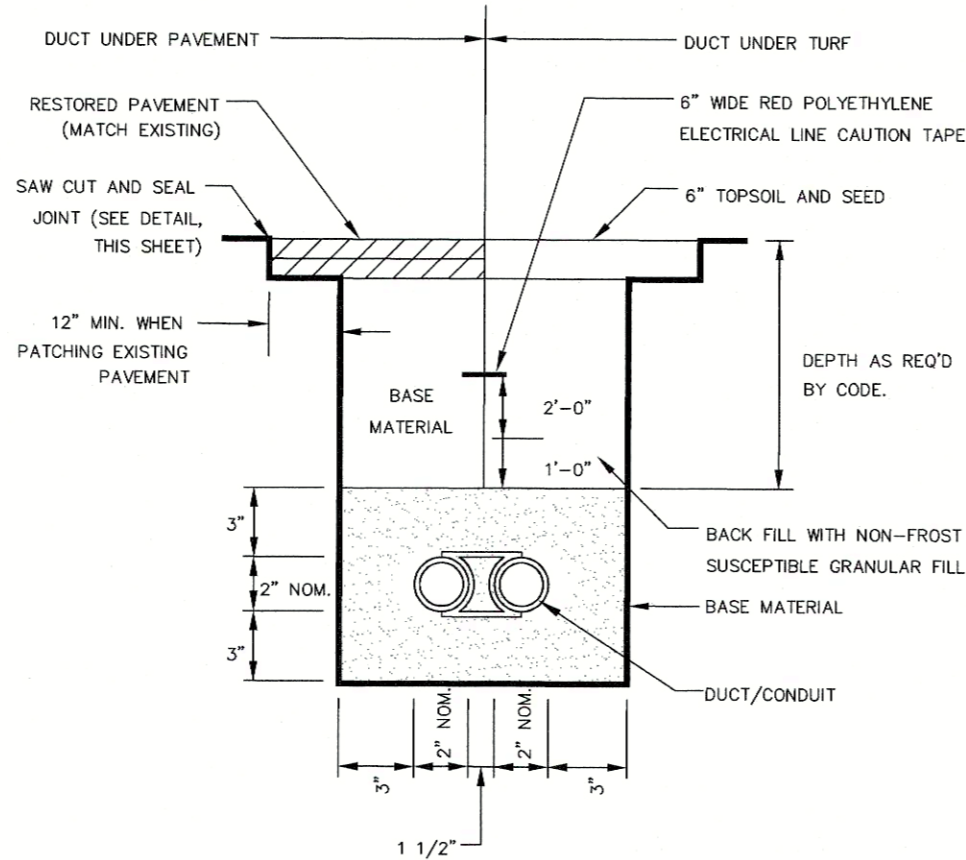


6 TYPICAL PIPE TRENCH DETAIL
SCALE: N.T.S.

- NOTES:**
- HYDRANT SHALL MEET ALL TOWN AND AWWA STANDARDS AND BE UL/FM APPROVED AND EQUIPPED WITH (1) 4 1/2" PUMPER NOZZLE AND (2) 2 1/2" HOSE NOZZLES.
 - HYDRANT SHALL OPEN IN DIRECTION AS SPECIFIED BY THE LOCAL FIRE DEPARTMENT.
 - WHERE HYDRANT IS SHOWN BEHIND SIDEWALK, SET CENTER OF HYDRANT ON PROPERTY LINE.

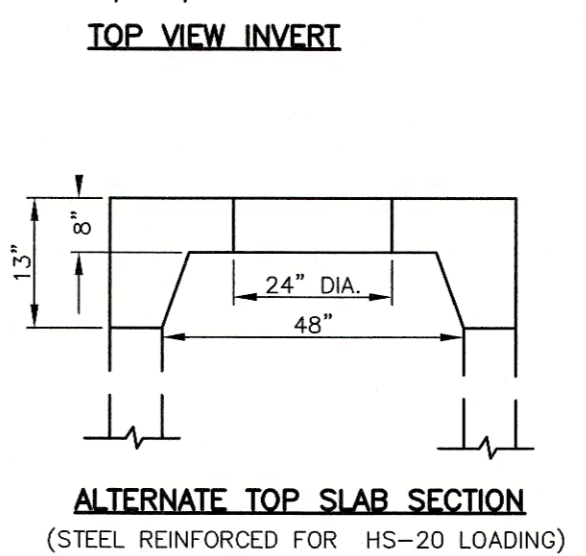
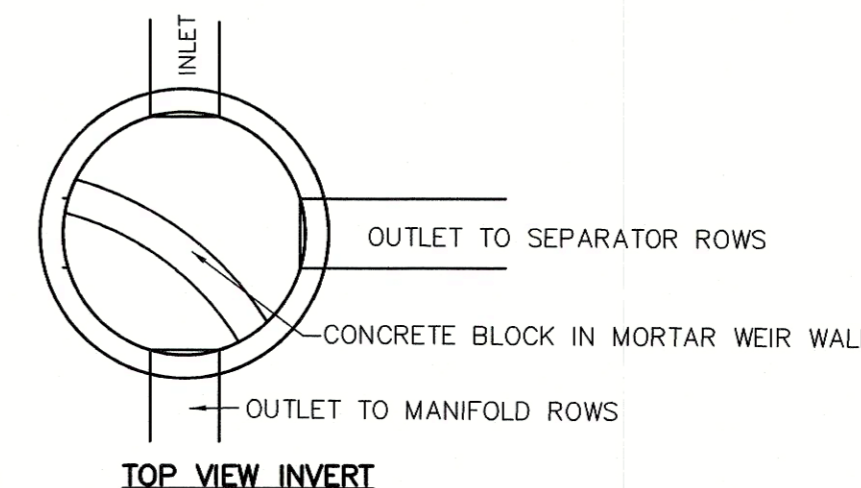
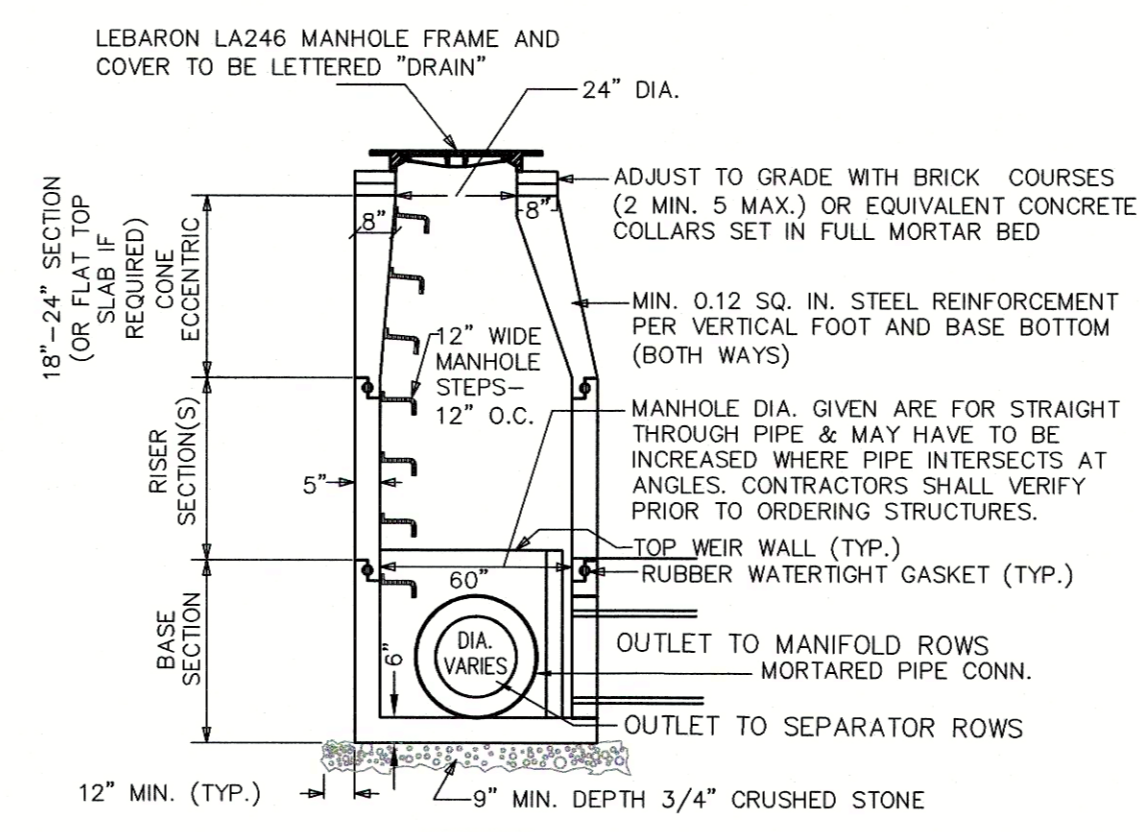


1 FIRE HYDRANT
SCALE: N.T.S.



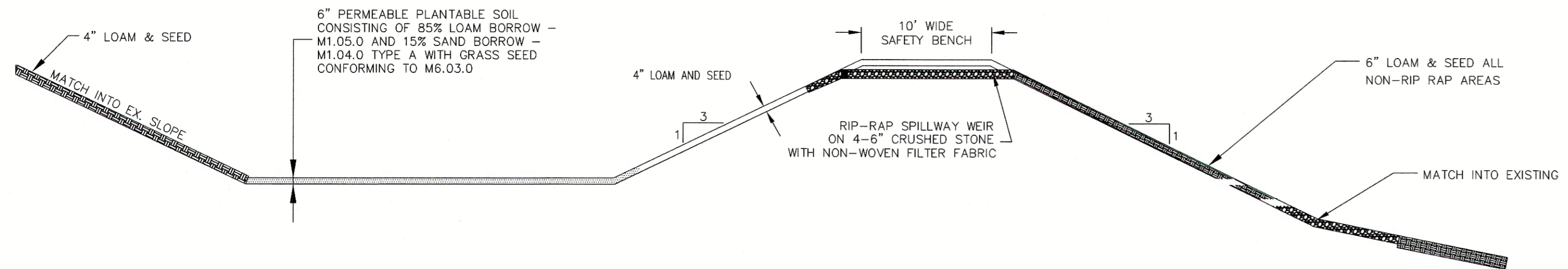
2 UNENCASED DUCT/CONDUIT DETAIL
SCALE: N.T.S.

- NOTES:**
- REINFORCED STEEL CONFORMS TO LATEST A185 SPEC. 0.12 SQ. IN./LINEAL FT. (0.15 SQ. IN. FOR 60" DIA) AND BASE BOTTOM.
 - CONCRETE COMPRESSIVE STRENGTH 4000 PSI MIN.
 - MANHOLE DESIGN CONFORMS TO LATEST ASTM C478 SPEC. FOR "PRECAST REINFORCED CONCRETE MANHOLE SECTIONS".
 - JOINT SEALANT SHALL BE SYNTHETIC RUBBER GASKET THAT COMPLIES W/ C-443 OR C-361. 5. BASE SECTION SHALL BE ONE POUR MONOLITHIC.



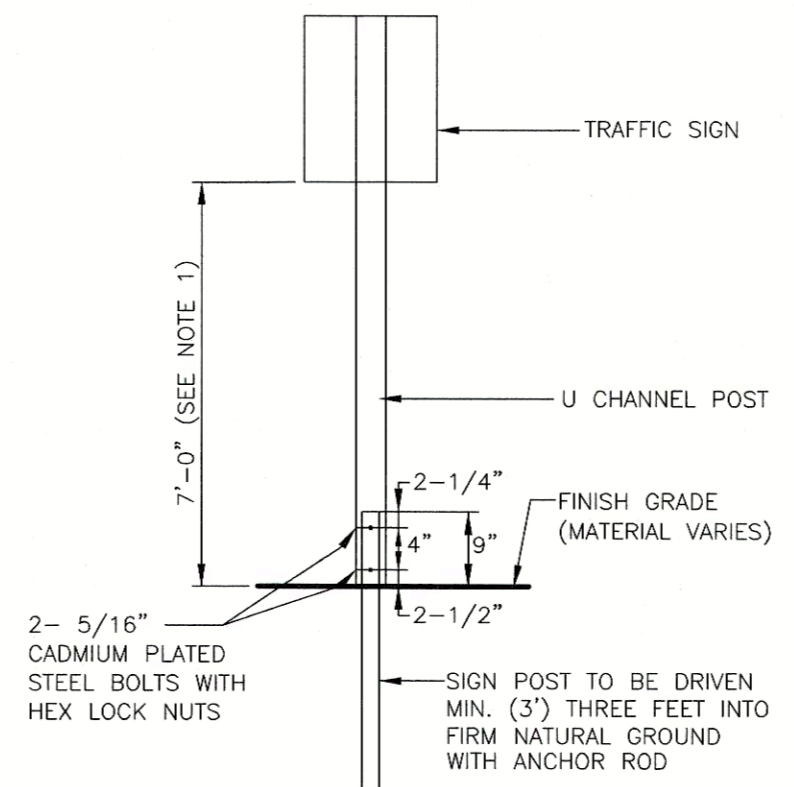
3 TYPICAL PRECAST CONCRETE DRAIN MANHOLE FOR MANIFOLD
SCALE: N.T.S.

- NOTES:**
- ALL PVC PIPE AND FITTINGS USED FOR EXTERIOR/UNDERGROUND STORM DRAINAGE SHALL BE GASKETED.
 - GLUED PVC CONNECTIONS SHALL NOT BE USED FOR EXTERIOR/UNDERGROUND STORM DRAINAGE.
 - STORMWATER BASIN SHALL NOT BE USED AS A TEMPORARY SEDIMENT BASIN DURING CONSTRUCTION.
 - EMBANKMENT TO BE CONSTRUCTED OF CLEAN FILL FREE OF ORGANIC SOILS/MATERIALS WITH NO STONES OVER 12" MAX. DIMENSION.
 - EMBANKMENT TO BE CONSTRUCTED IN COMPACTED LIFTS NOT TO EXCEED 8".
 - BASIN BOTTOM AND SIDE SLOPES (INSIDE AND OUT) TO BE COVERED WITH 4" LOAM AND SEED.
 - RIPRAP SPILLWAY STONE TO BE 4" MINIMUM, 6" MAXIMUM.

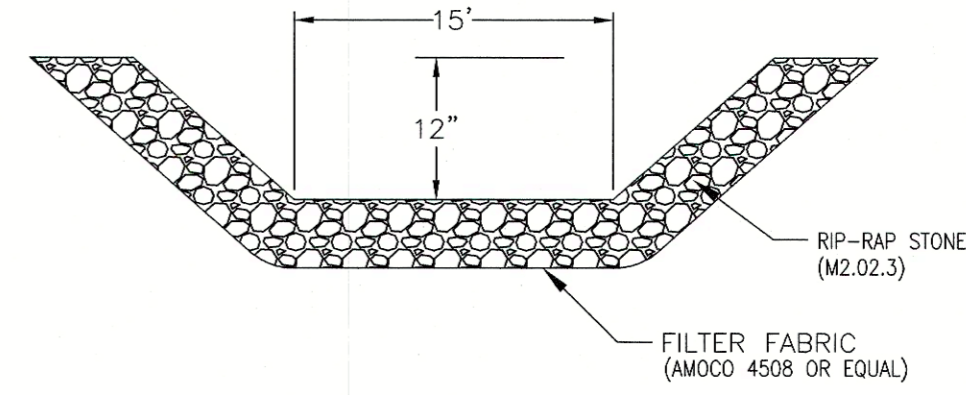


4 STORMWATER BASIN CROSS SECTION (TYP.)
SCALE: N.T.S.

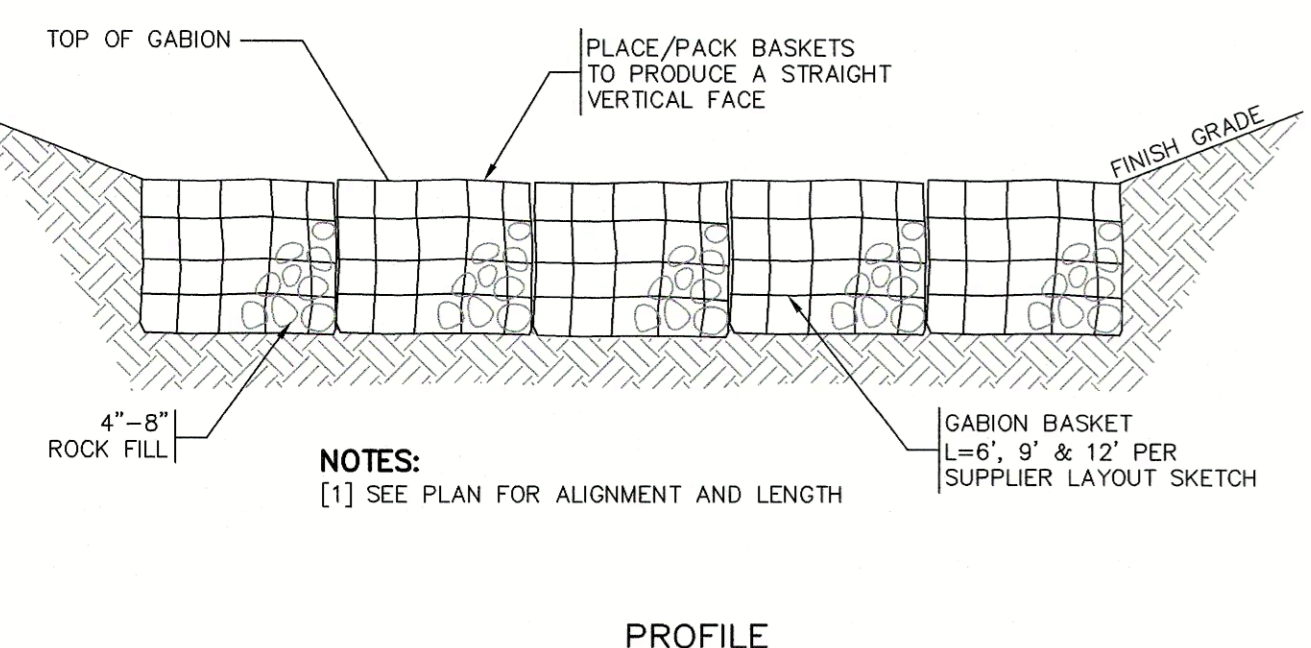
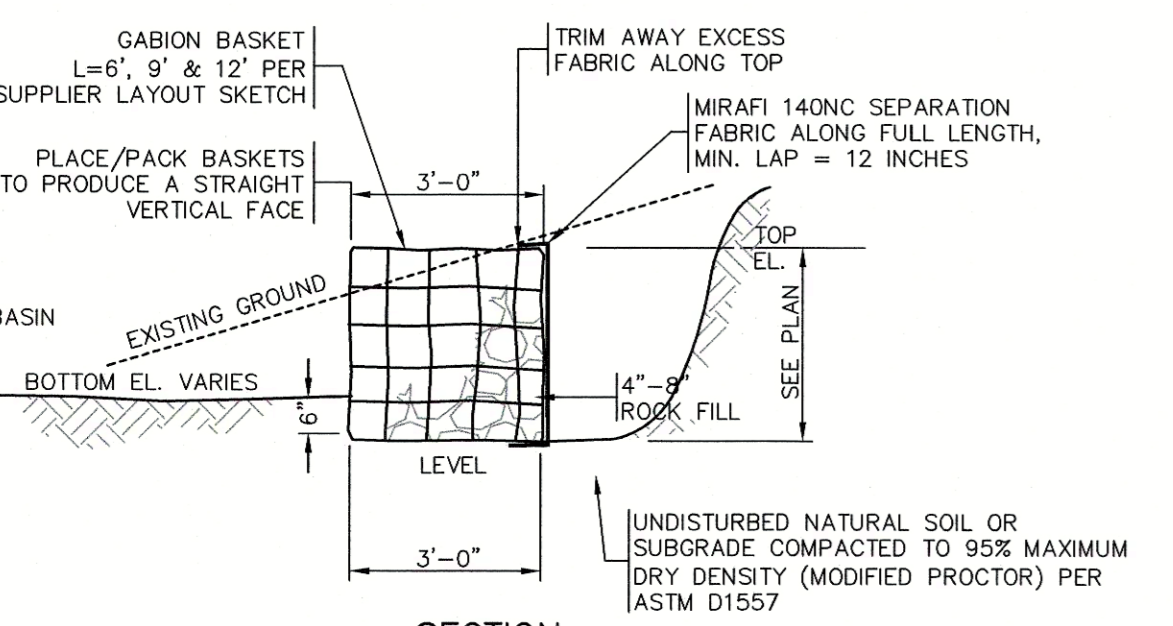
- NOTES:**
- SEE TRAFFIC CONTROL SCHEDULE FOR EXACT MOUNTING HEIGHT.
 - CHANNEL POST SECTIONS TO BE CONNECTED WITH AT LEAST TWO(2) APPROPRIATELY SIZED GALVANIZED BOLTS W/ LOCK WASHERS AND NUTS.



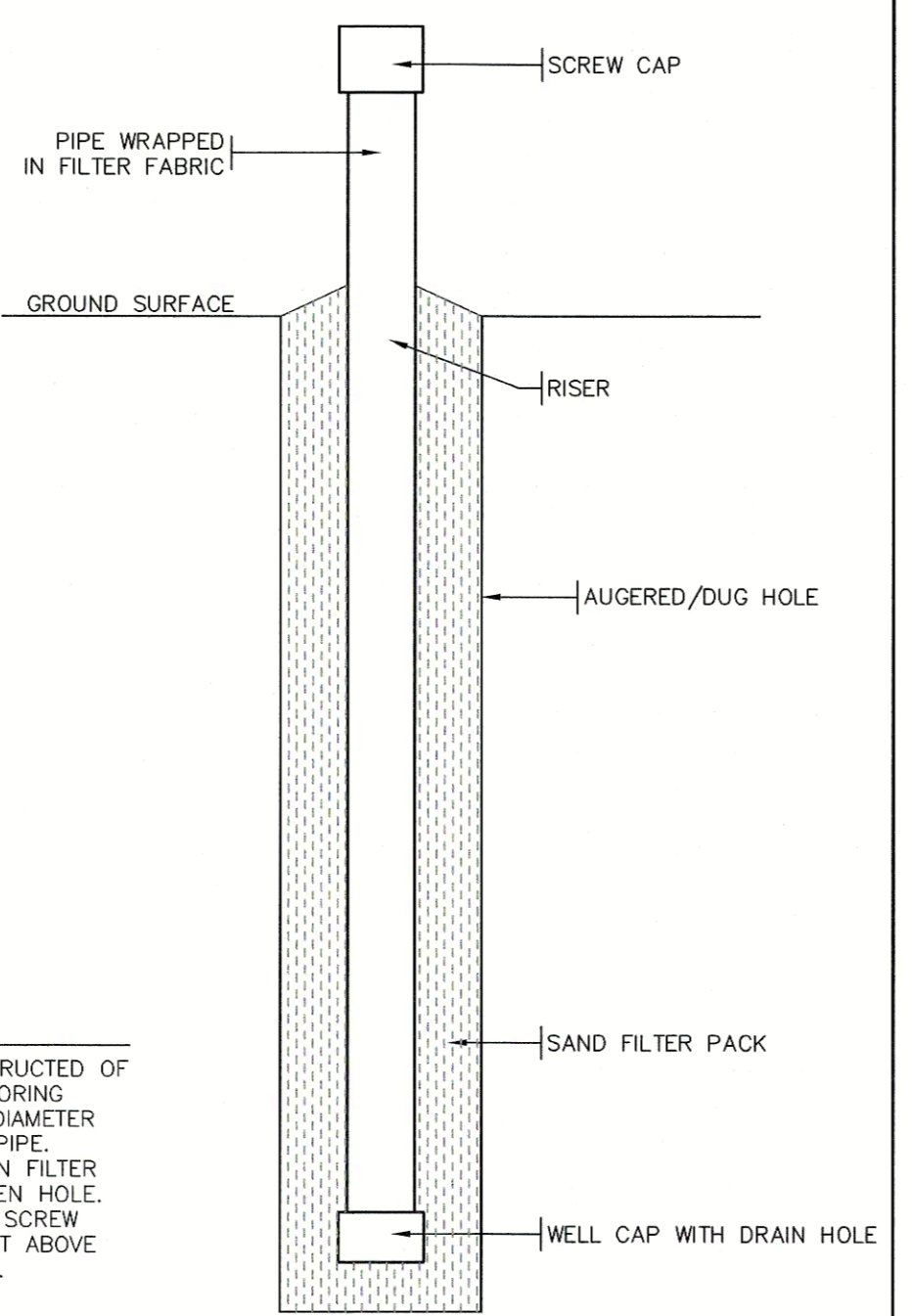
5 TYPICAL BREAKAWAY SIGN POST DETAIL
SCALE: N.T.S.



6 STONE RIP-RAP EMERGENCY SPILLWAY
SCALE: N.T.S.

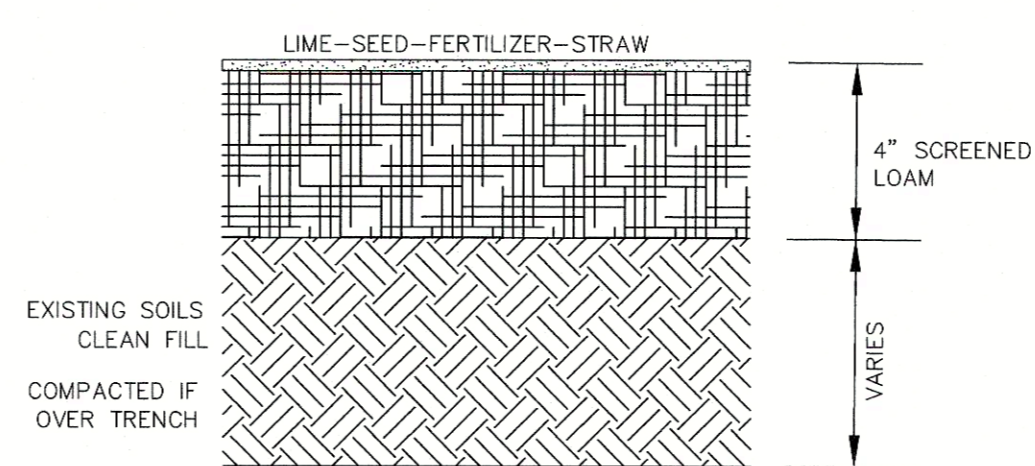


7 GABION FOREBAY DETAIL
SCALE: N.T.S.



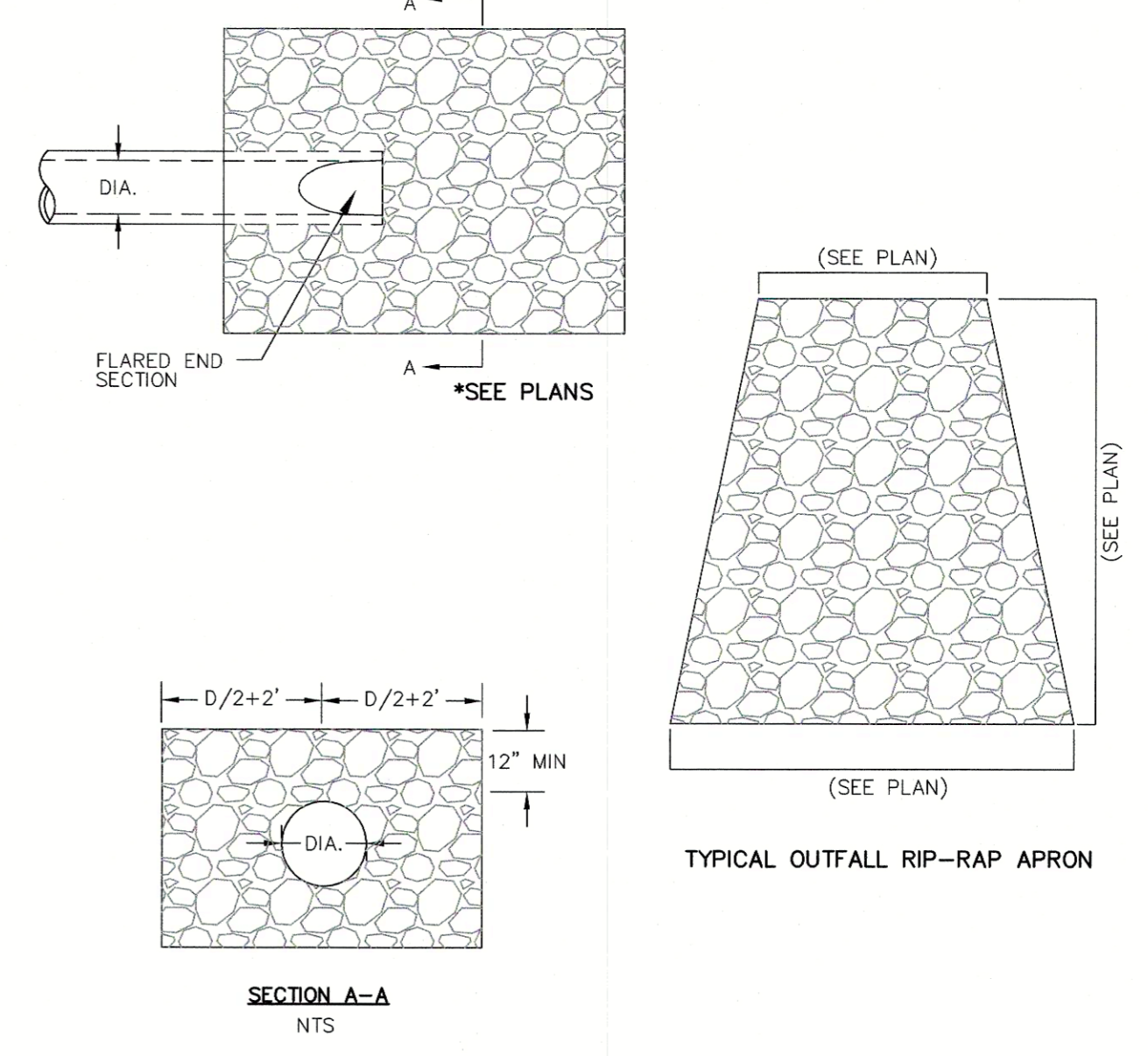
- NOTES:**
- EMBANKMENT TO BE CONSTRUCTED OF CLEAN FILL FREE OF MONITORING WELL TO BE MINIMUM 2 IN DIAMETER PERFORATED SCH-40 PVC PIPE.
 - PIPE SHALL BE WRAPPED IN FILTER FABRIC IF INSTALLED IN OPEN HOLE.
 - END OF PIPE TO BE HAVE SCREW CAP AND BE RAISED 1 FOOT ABOVE THE SURROUNDING GROUND.

8 MONITORING WELL DETAIL
SCALE: N.T.S.



9 LOAM & SEED DETAIL
SCALE: N.T.S.

- NOTES:**
- MINIMUM STONE DIAMETER: 6"
 - MINIMUM WEIGHT OF STONE: 50 LBS.
 - MAXIMUM WEIGHT OF STONE: 125 LBS.
 - PLACE ALL RIP-RAP OVER FILTER FABRIC, AMOCO 4508 OR APPROVED EQUAL.



10 STONE RIP-RAP FOR PIPE ENDS
SCALE: N.T.S.



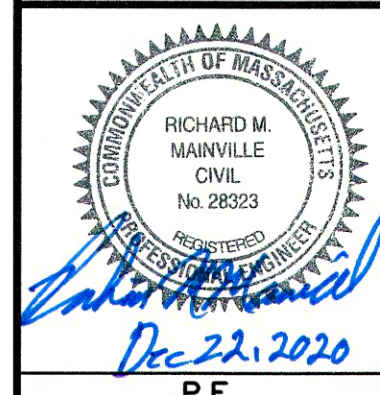
Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW REQUIRED. FRANKLIN PLANNING BOARD.

BEING A MAJORITY DATE:

THIS CERTIFIES THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE FRANKLIN PLANNING BOARD HAS BEEN RECEIVED AND RECORDED ON AT AND NO APPEAL WAS RECEIVED DURING THE 20 DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

FRANKLIN TOWN CLERK DATE



DRAWING ISSUED FOR:
■ PERMIT
THIS PLAN IS INTENDED TO SHOW CONSTRUCTABILITY AND MAY NOT SHOW ALL CONSTRUCTION DETAILS AND SPECIFICATIONS FOR THE PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION ITEMS/AREAS OF CONTRACTOR JURISDICTION.

| REVISIONS | | |
|-----------|------|-------------|
| NO. | DATE | DESCRIPTION |
| | | |
| | | |

SHEET TITLE

CONSTRUCTION DETAILS SHEET 2 of 3

PROJECT:
OLAM ESTATES DEFINITIVE SUBDIVISION 900 WASHINGTON STREET FRANKLIN, MA 02038

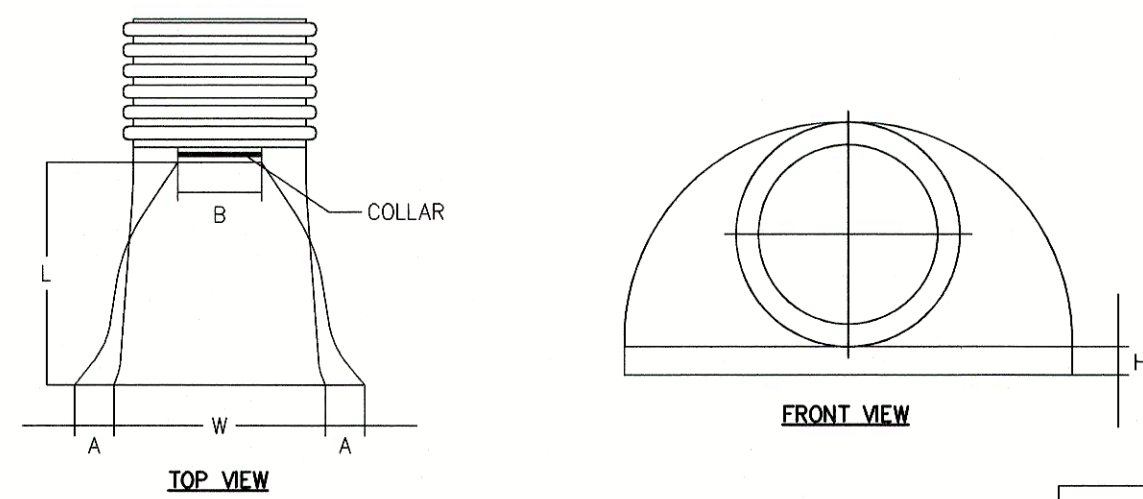
OWNER/APPLICANT:
TEMPLE ETZ CHAIM 900 WASHINGTON STREET FRANKLIN, MA 02038

DES BY: KML DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

C9.2

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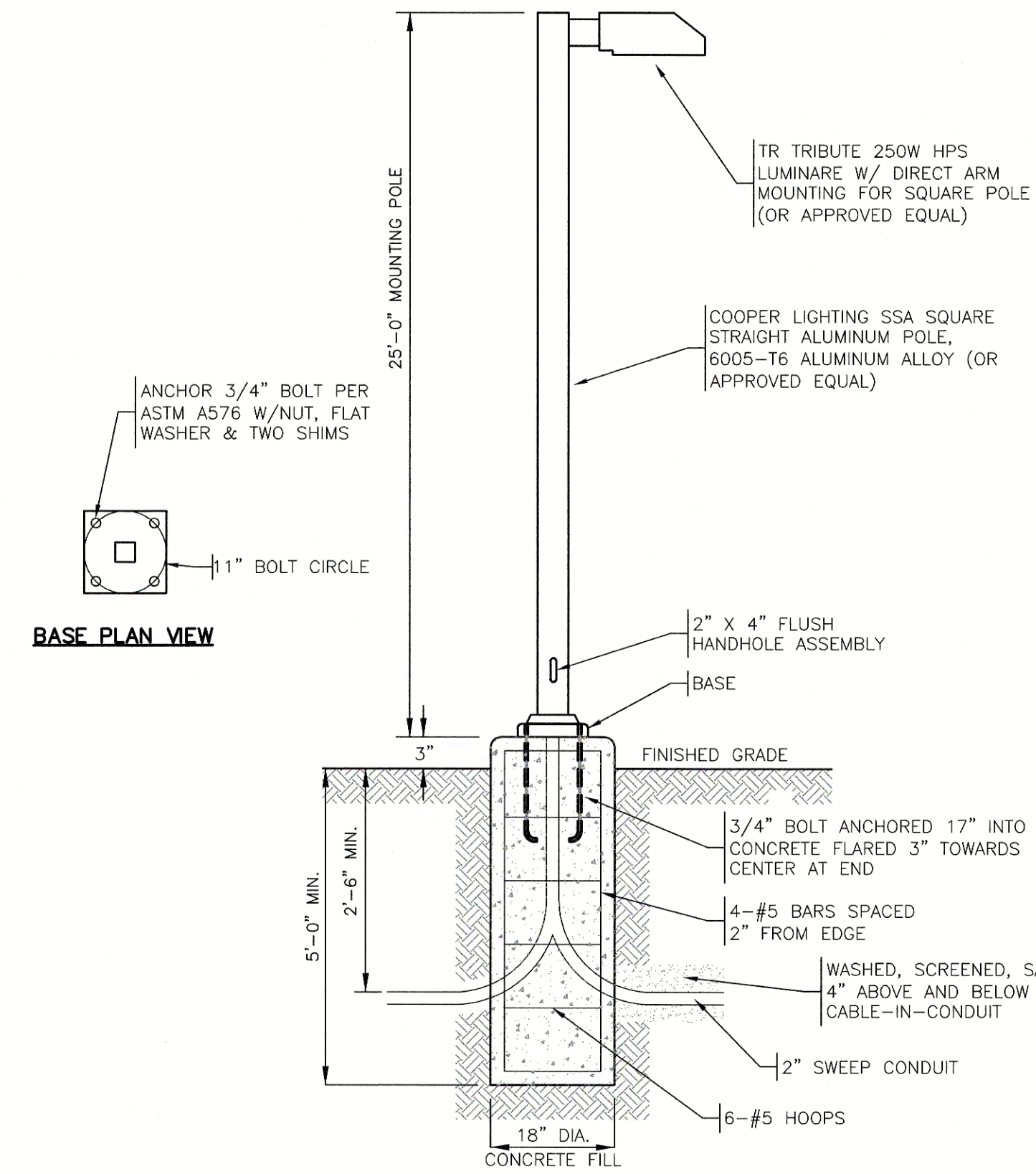
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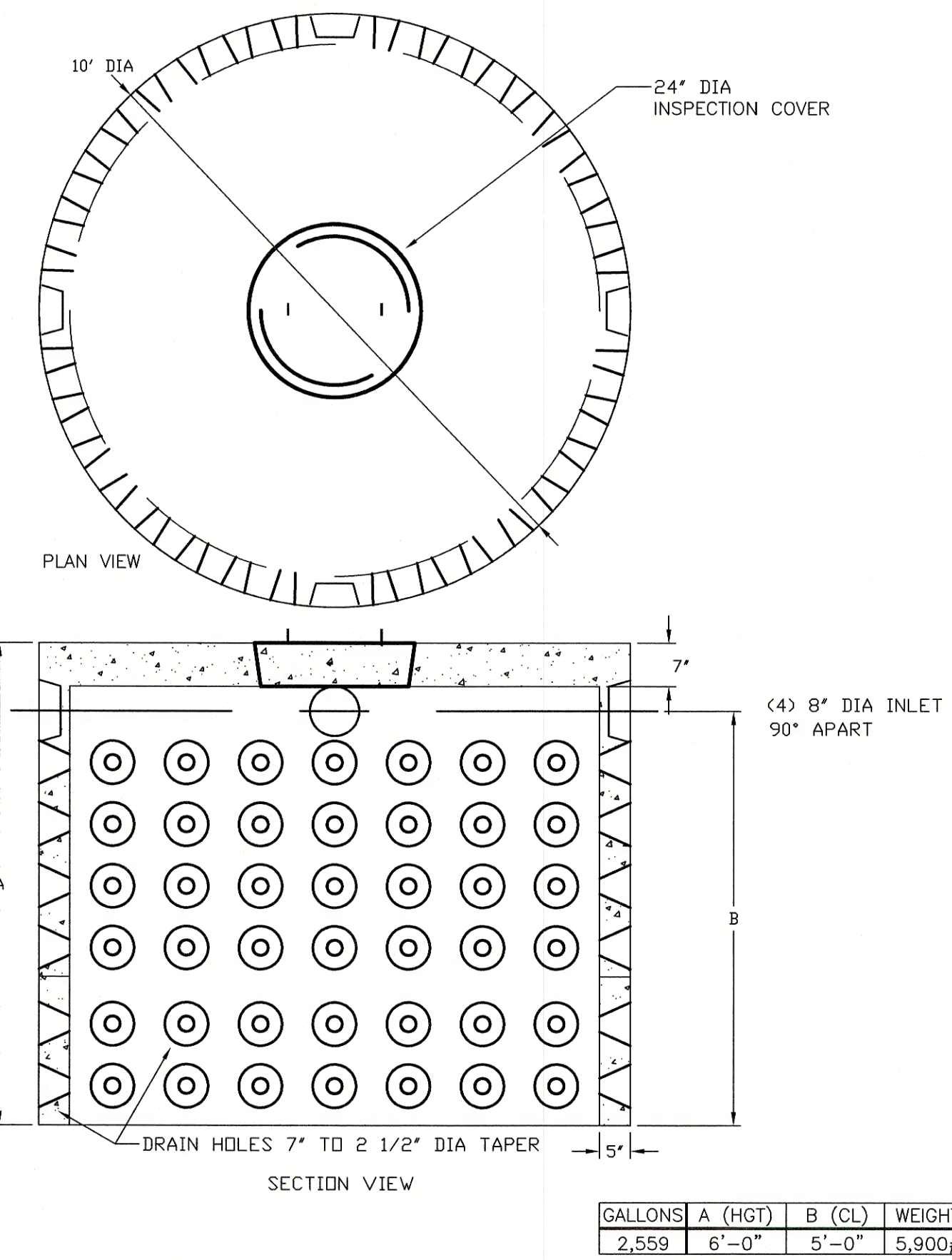
| DIAMETER (INCHES) | PIPE DIAMETER (INCHES) | | | | | |
|-------------------|------------------------|------|------|------|------|------|
| | 12 | 15 | 18 | 24 | 30 | 36 |
| A (INCHES) | 6.5 | 6.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| B (MAX) (INCHES) | 10.0 | 10.0 | 15.0 | 18.0 | 22.0 | 25.0 |
| H (INCHES) | 6.5 | 6.5 | 6.5 | 6.5 | 8.6 | 8.6 |
| L (INCHES) | 25.0 | 25.0 | 32.0 | 36.0 | 56.0 | 56.0 |
| W (INCHES) | 28.0 | 28.0 | 35.0 | 45.0 | 63.0 | 63.0 |

1 CORRUGATED POLYETHYLENE FLARED-END SECTION (FES)
SCALE: N.T.S.

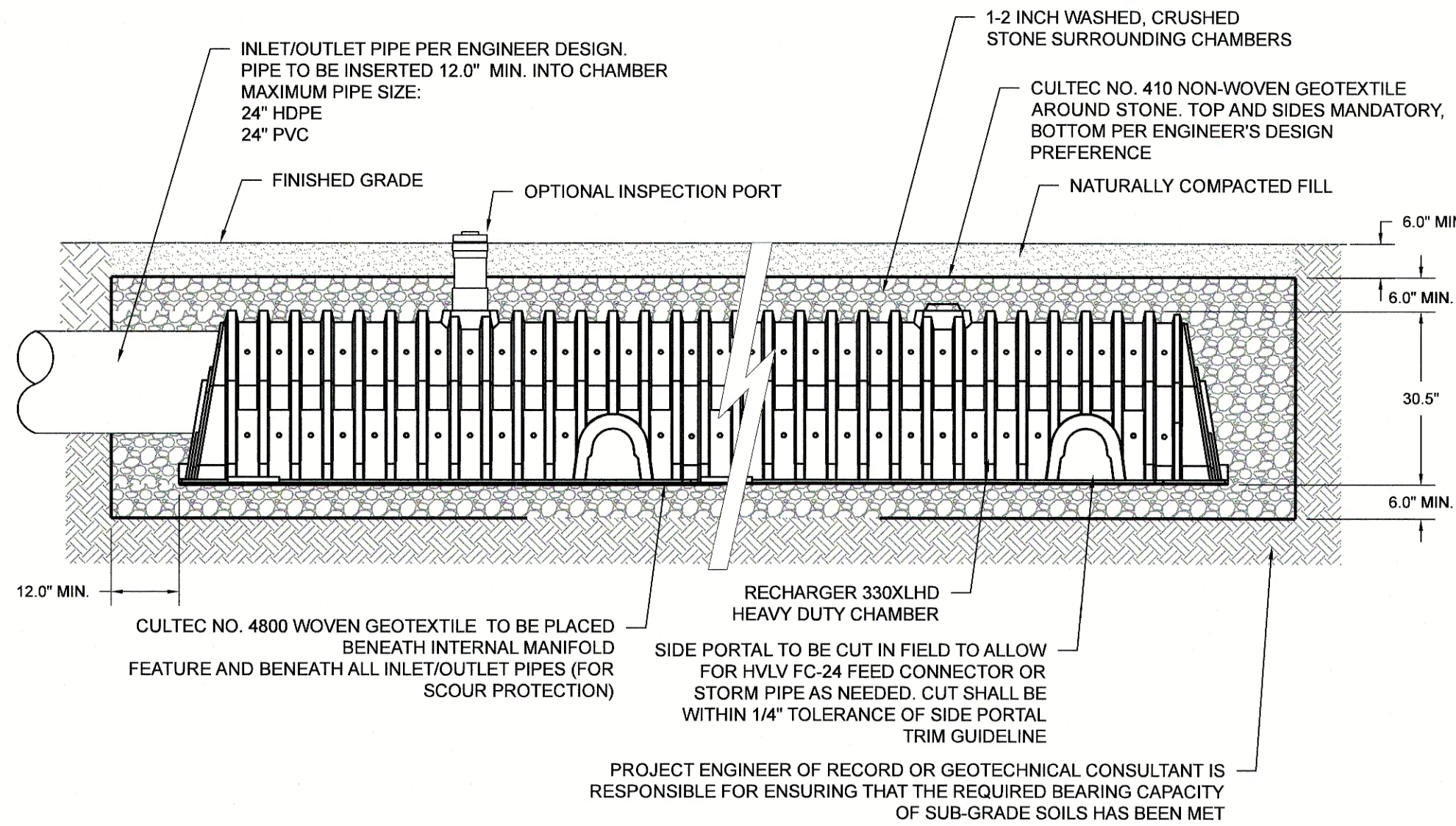
NOTES:
1. CONTRACTOR TO CONFIRM WITH MANUFACTURER ON PROPER INSTALLATION OF BALLAST, BALLAST MOUNTING, LIGHT POLE, BASE PLATE AND ANCHORING
2. APPROVED EQUALS MAY BE USED IN LUMINAIRE ASSEMBLY PROVIDED IT MEETS MANUFACTURER'S SPECIFICATIONS.



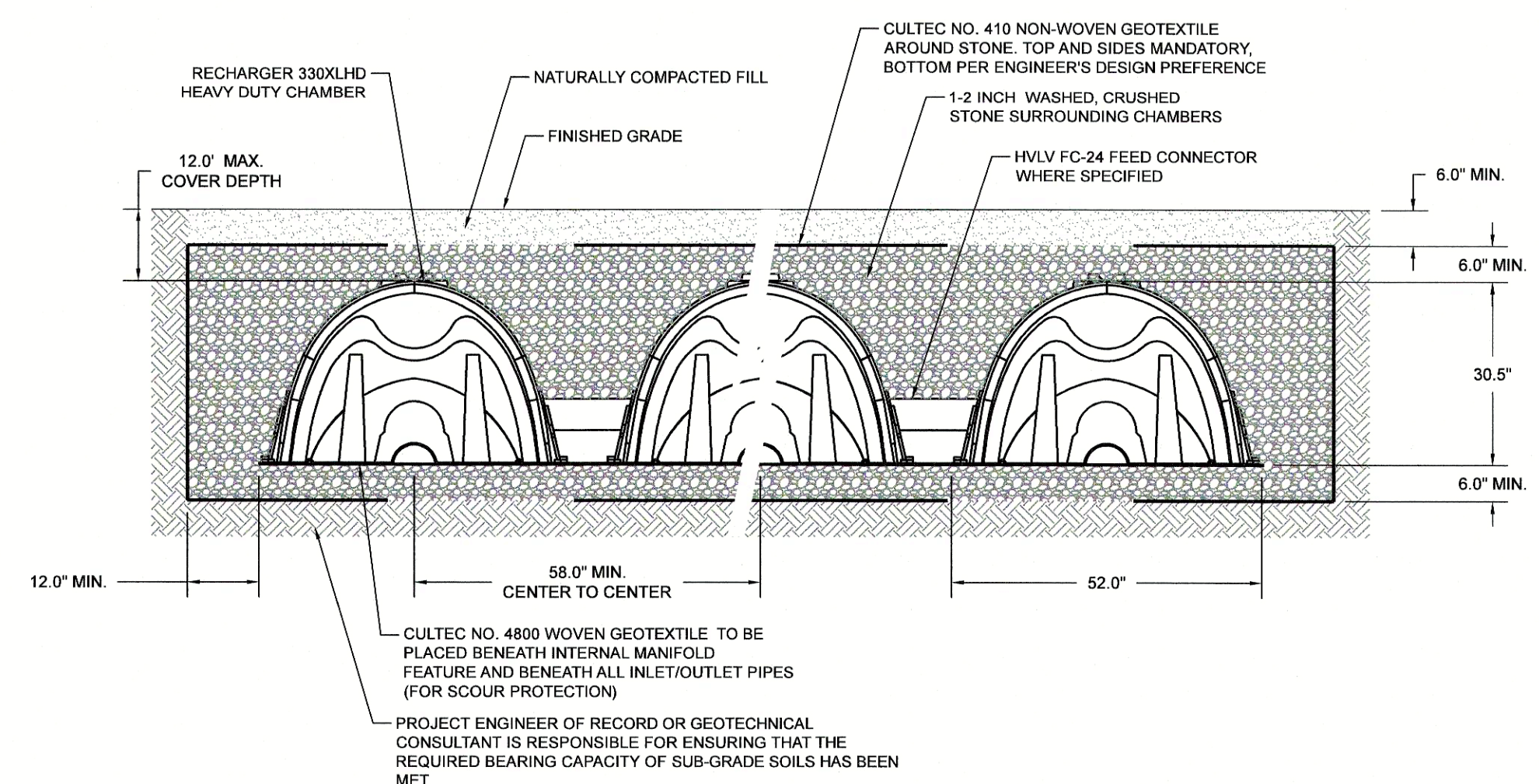
2 LIGHT POLE
SCALE: N.T.S.



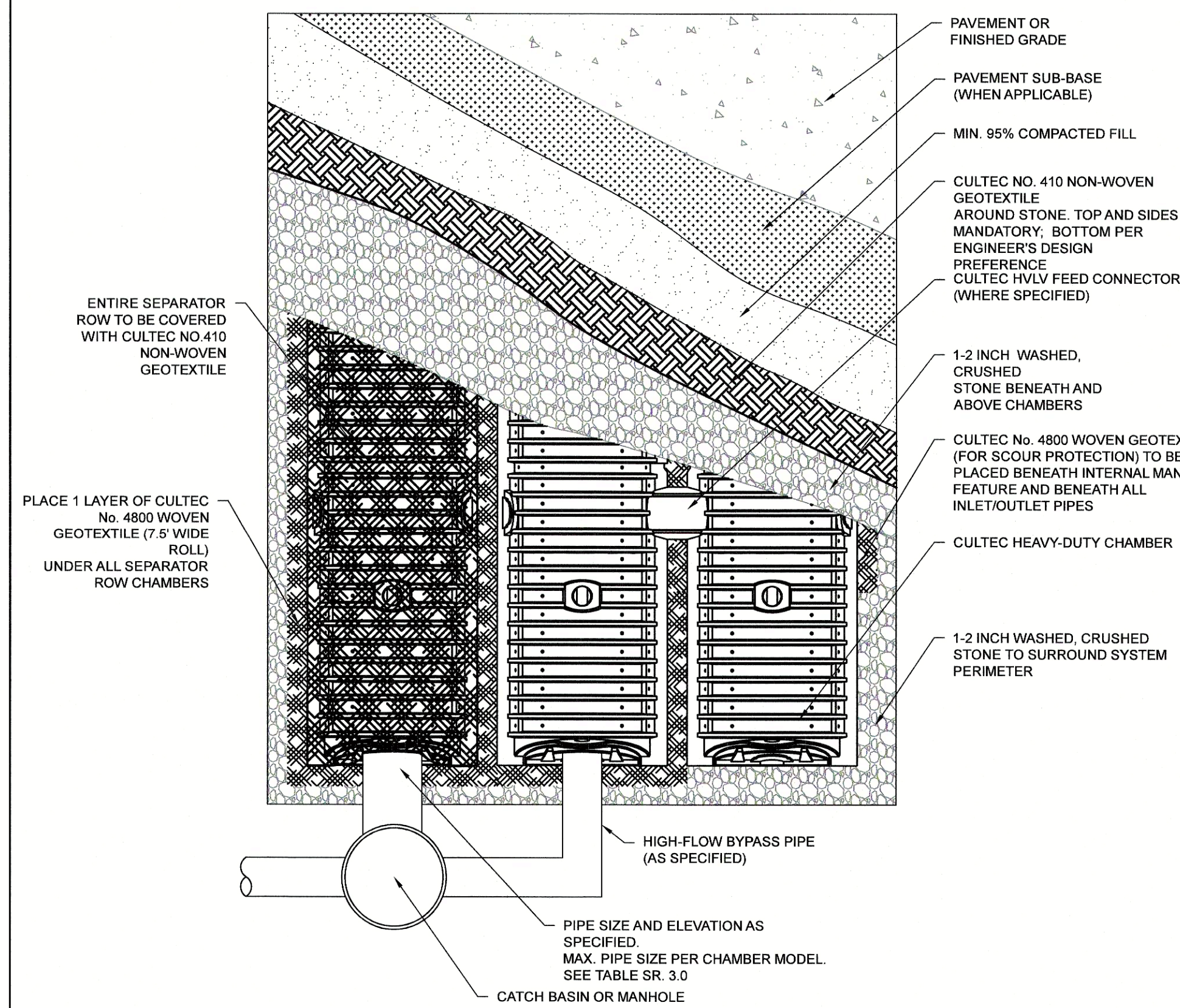
3 10' DIAMETER DRY WELL
SCALE: N.T.S.



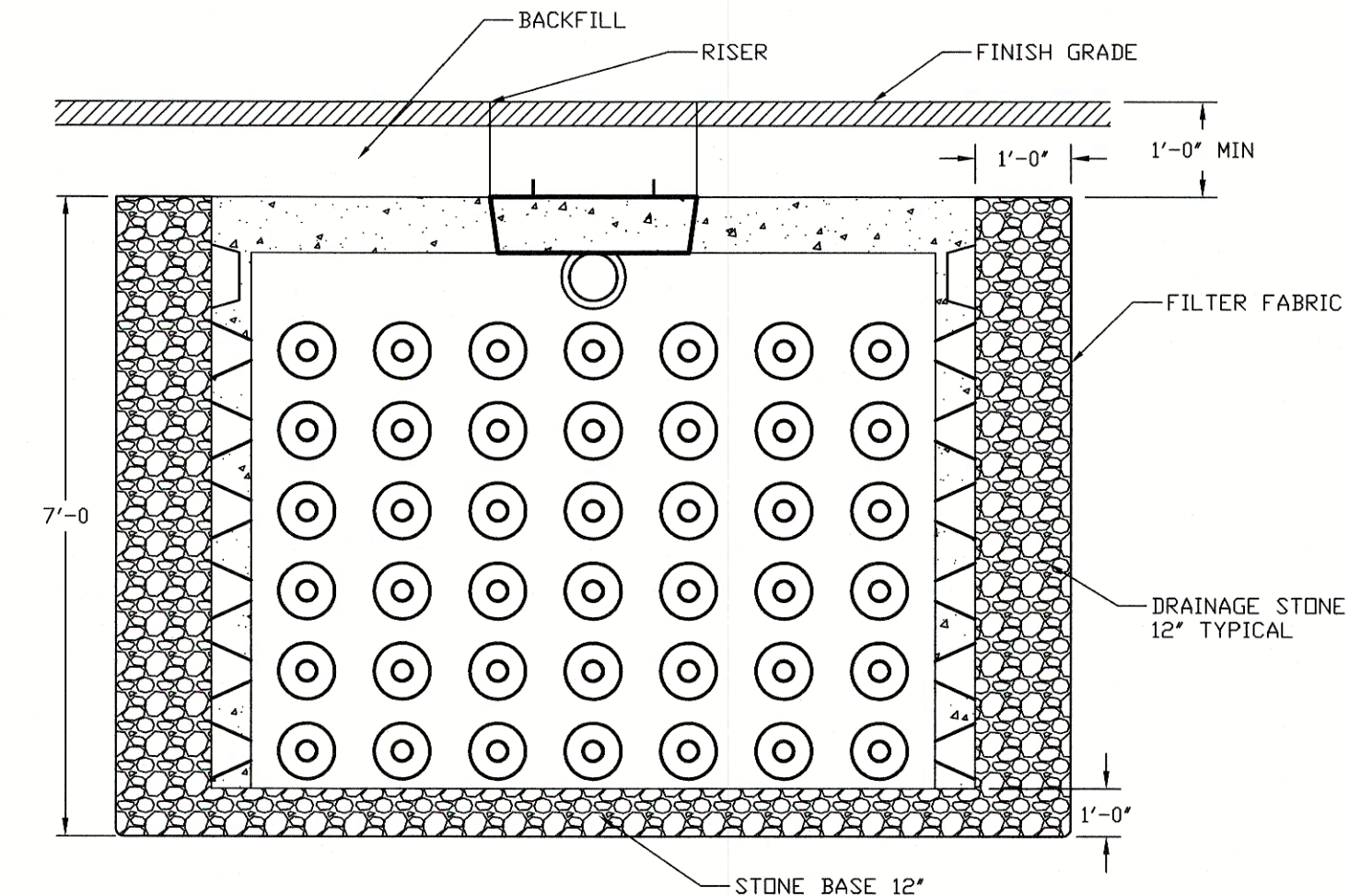
4 CULTEC RECHARGER 330XLHD DETAIL
SCALE: N.T.S.



5 CULTEC RECHARGER 330XLHD CROSS SECTION
SCALE: N.T.S.



6 CULTEC SEPARATOR ROW DETAIL
SCALE: N.T.S.



7 10' DIAMETER DRYWELL INSTALLATION DETAIL
SCALE: N.T.S.



Andrews Survey & Engineering, Inc.
Land Surveying - Civil Engineering - Site Planning
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW REQUIRED. FRANKLIN PLANNING BOARD

BEING A MAJORITY DATE:

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FRANKLIN TOWN CLERK DATE

DRAWING ISSUED FOR:
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RICHARD M. MAINVILLE
CIVIL
No. 28323
DEC 22, 2020
P.E.

| REVISIONS | | |
|-----------|------|-------------|
| NO. | DATE | DESCRIPTION |
| | | |
| | | |

SHEET TITLE
CONSTRUCTION DETAILS
SHEET 3 of 3

PROJECT:
OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

OWNER/APPLICANT:
TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

C9.3



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Land Surveying - Civil Engineering - Site Planning

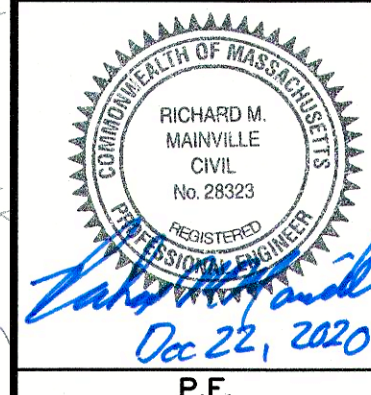
P.O. Box 312, 104 Mendon Street
Uxbridge, Massachusetts 01569
P: 508-278-3897 F: 508-278-2289

APPROVAL UNDER SUBDIVISION CONTROL LAW
REQUIRED. FRANKLIN PLANNING BOARD

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AND NO APPEAL WAS RECEIVED DURING THE 20
DAYS NEXT AFTER SUCH RECEIPT OF SAID
NOTICE.

FRANKLIN TOWN CLERK DATE



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PERMIT
THIS PLAN IS INTENDED TO
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MAY NOT SHOW ALL
CONSTRUCTION DETAILS AND
SPECIFICATIONS FOR THE
PROPOSED IMPROVEMENTS,
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CONSTRUCTION ITEMS/AREAS
OF CONTRACTOR JURISDICTION.

| REVISIONS | | |
|-----------|------|-------------|
| NO. | DATE | DESCRIPTION |
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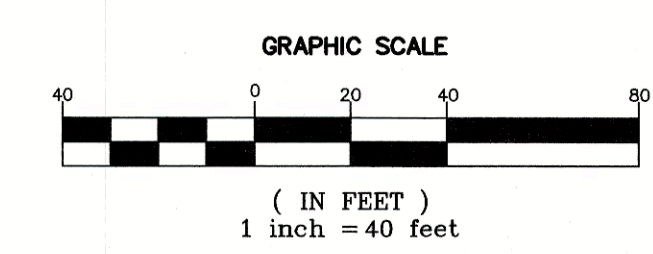
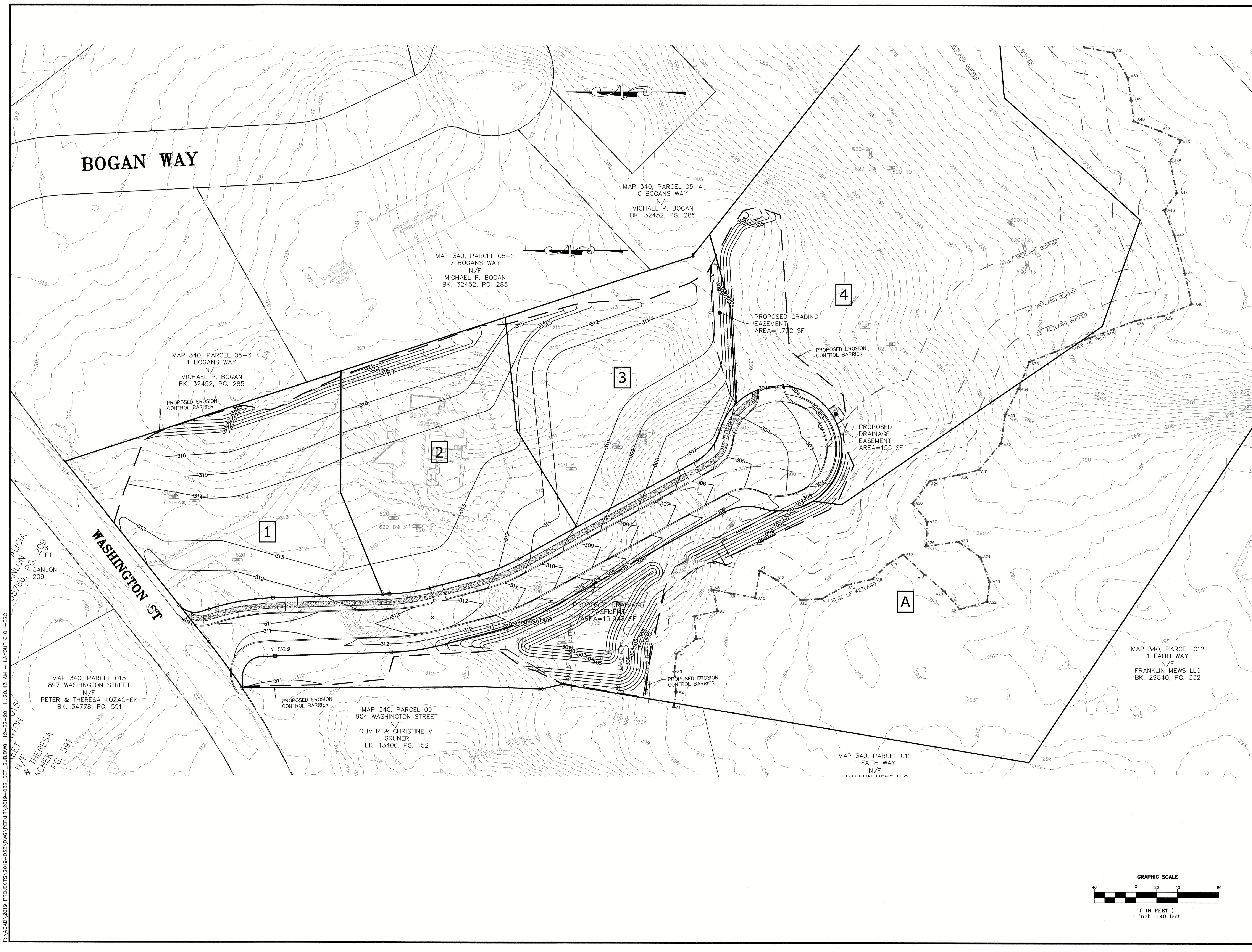
SHEET TITLE

**EROSION & SEDIMENT
CONTROL PLAN**

PROJECT:
OLAM ESTATES
DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

OWNER/APPLICANT:
TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032 **C10.1**



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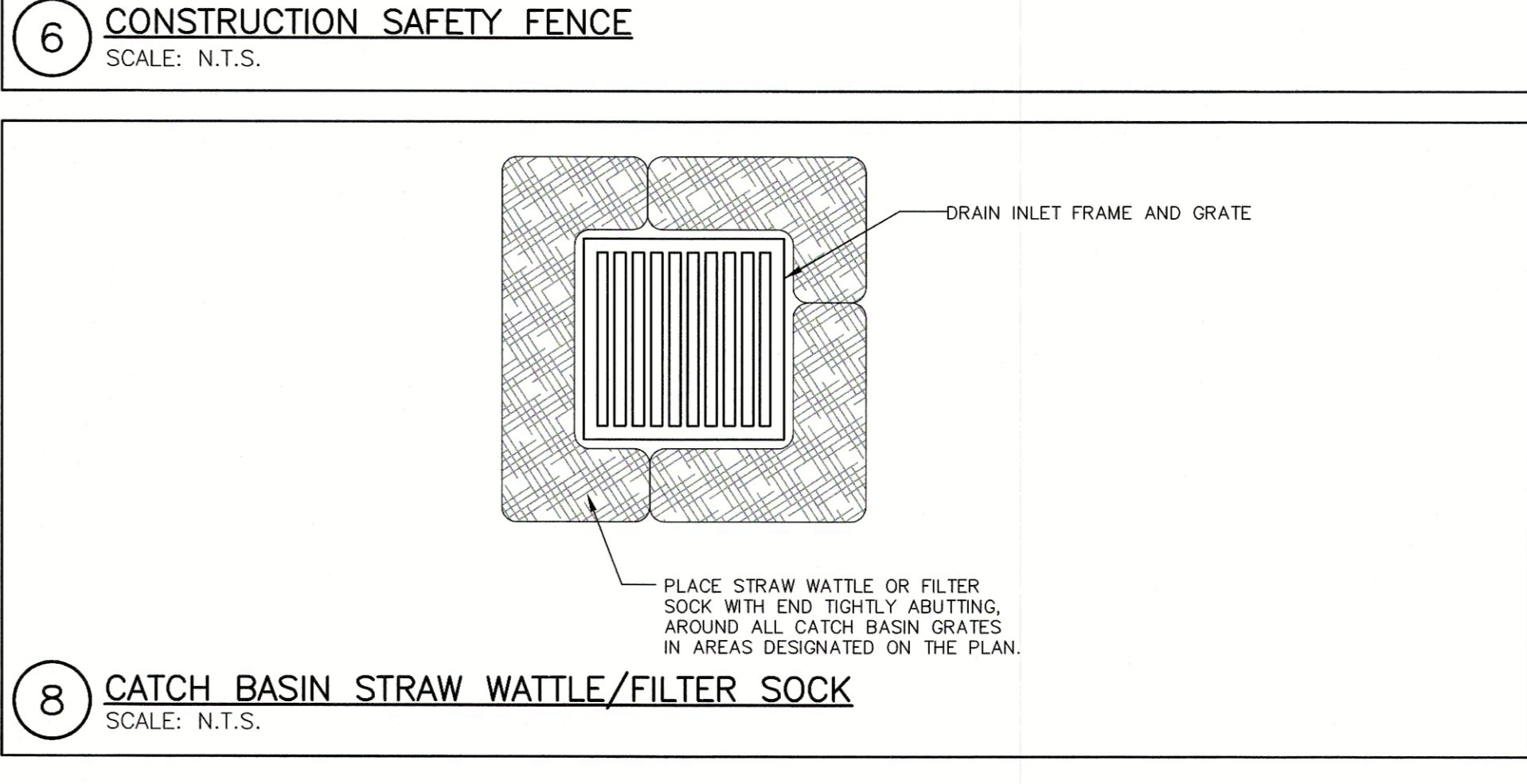
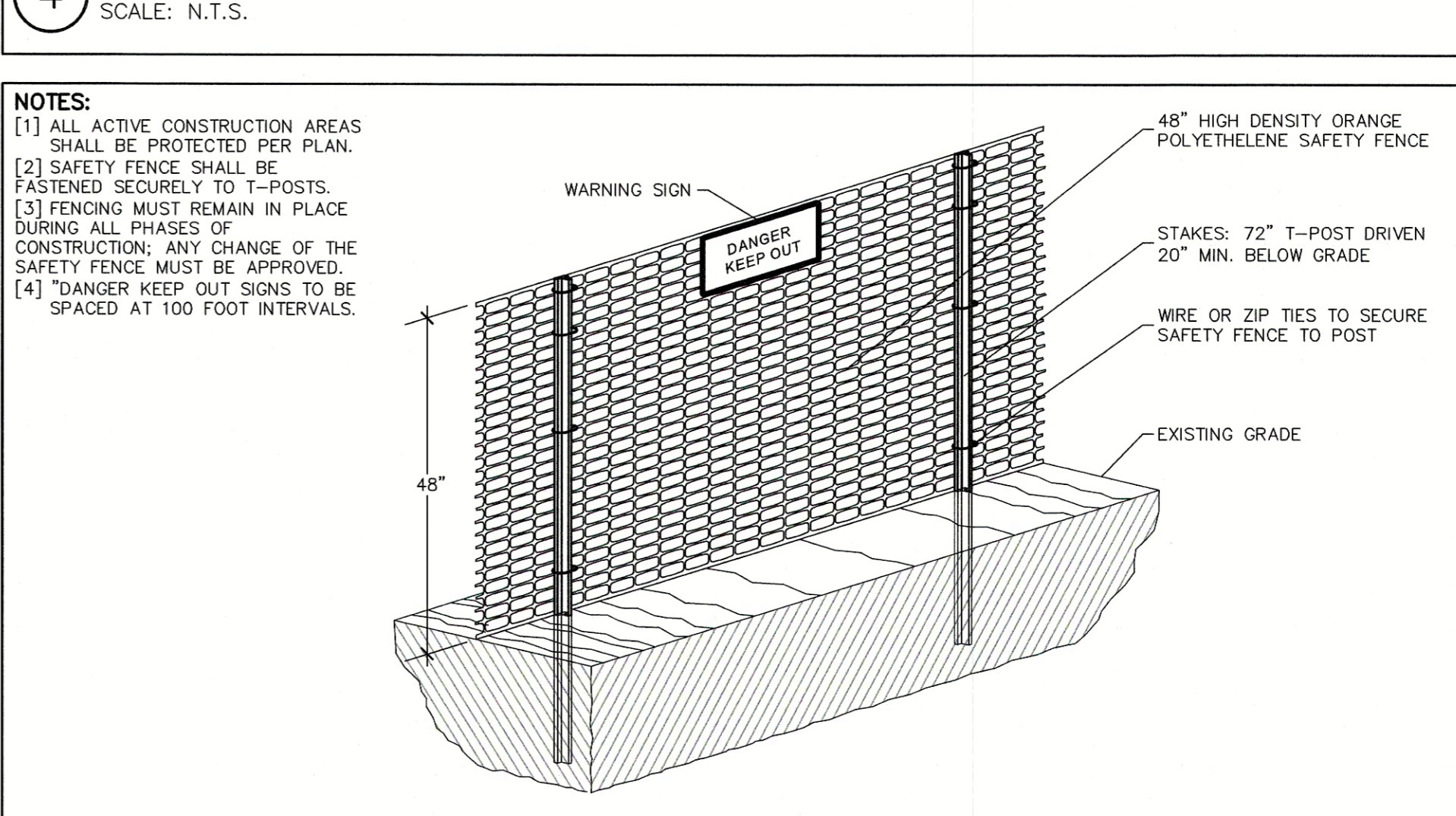
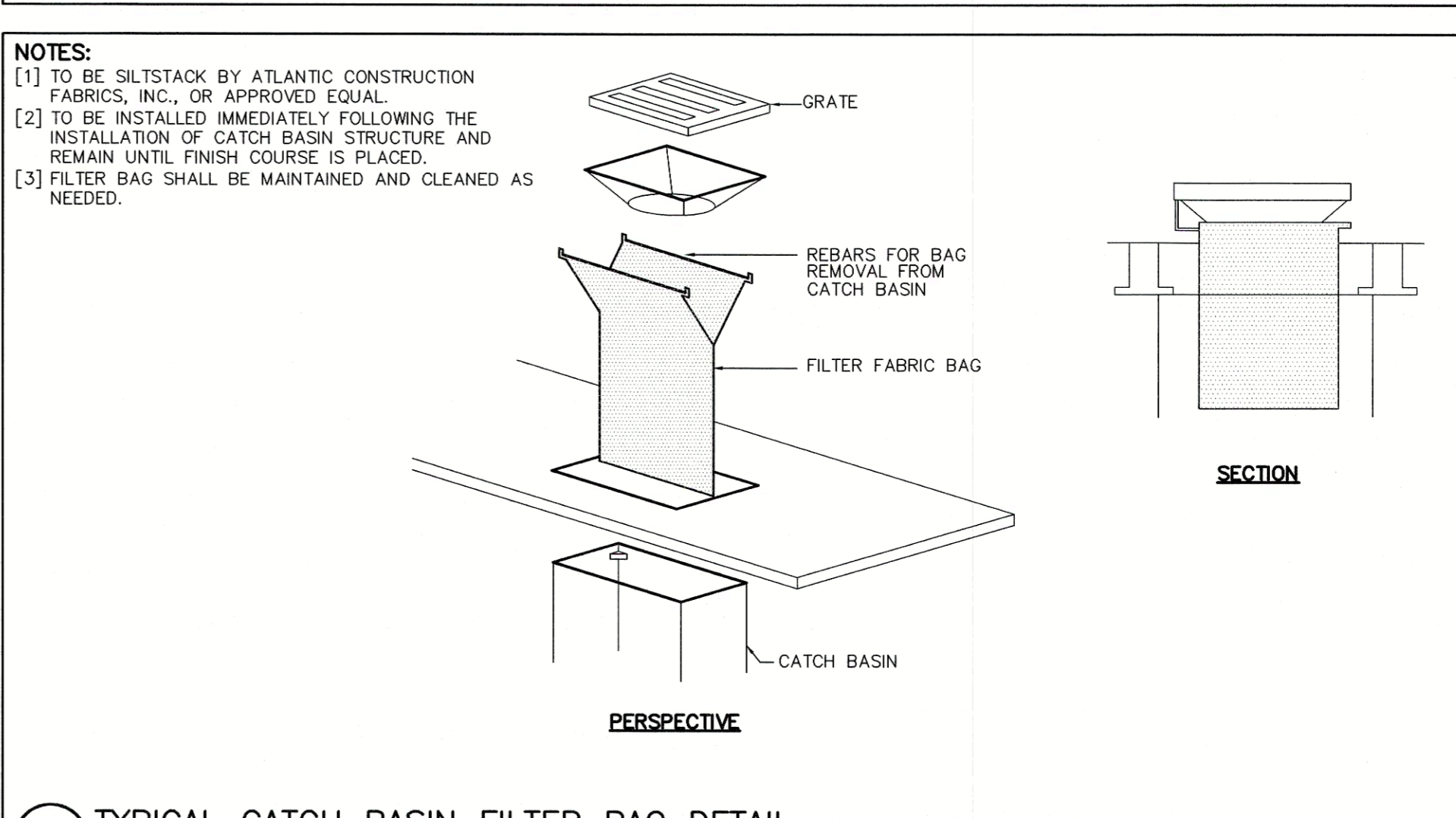
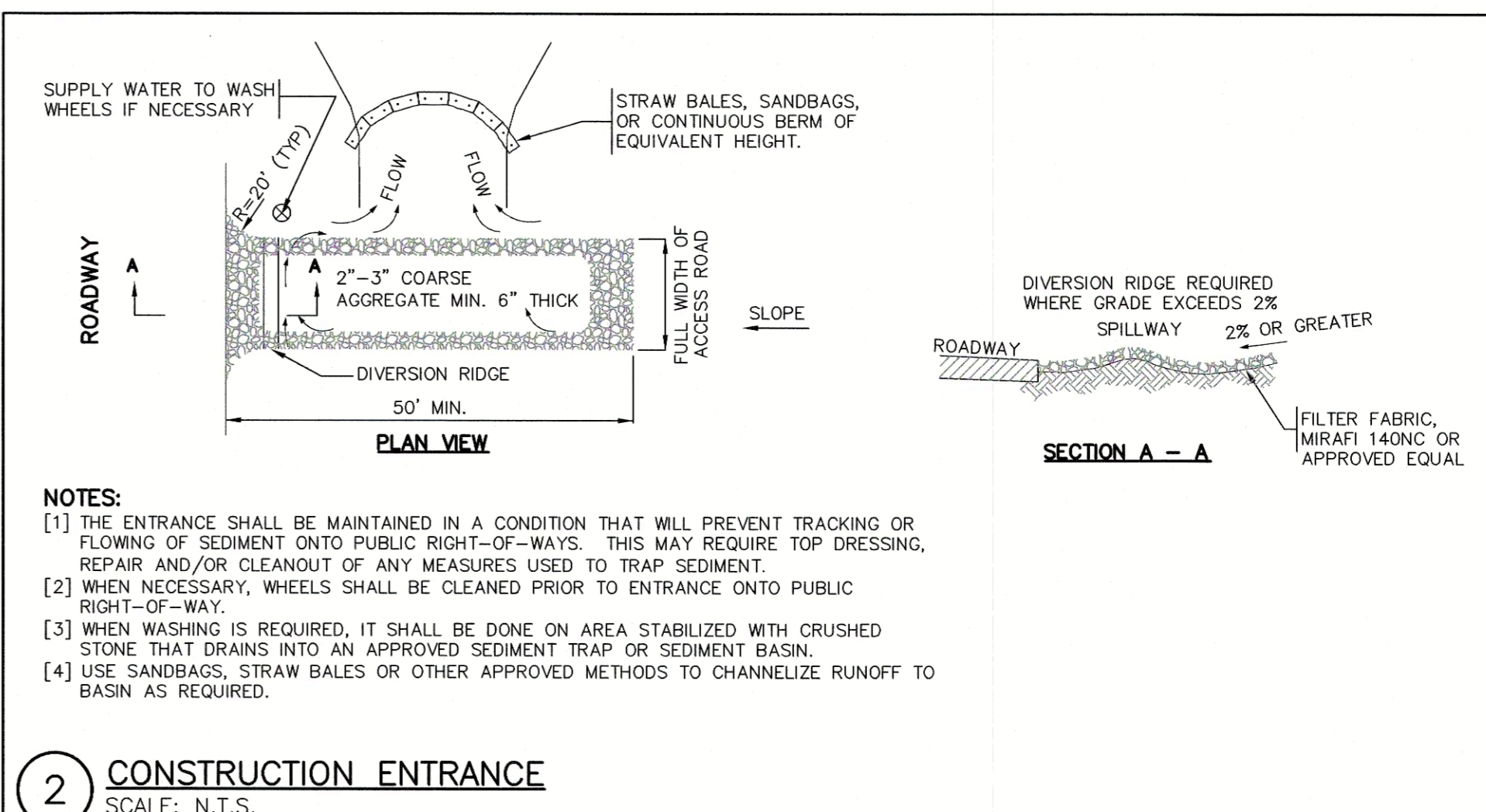
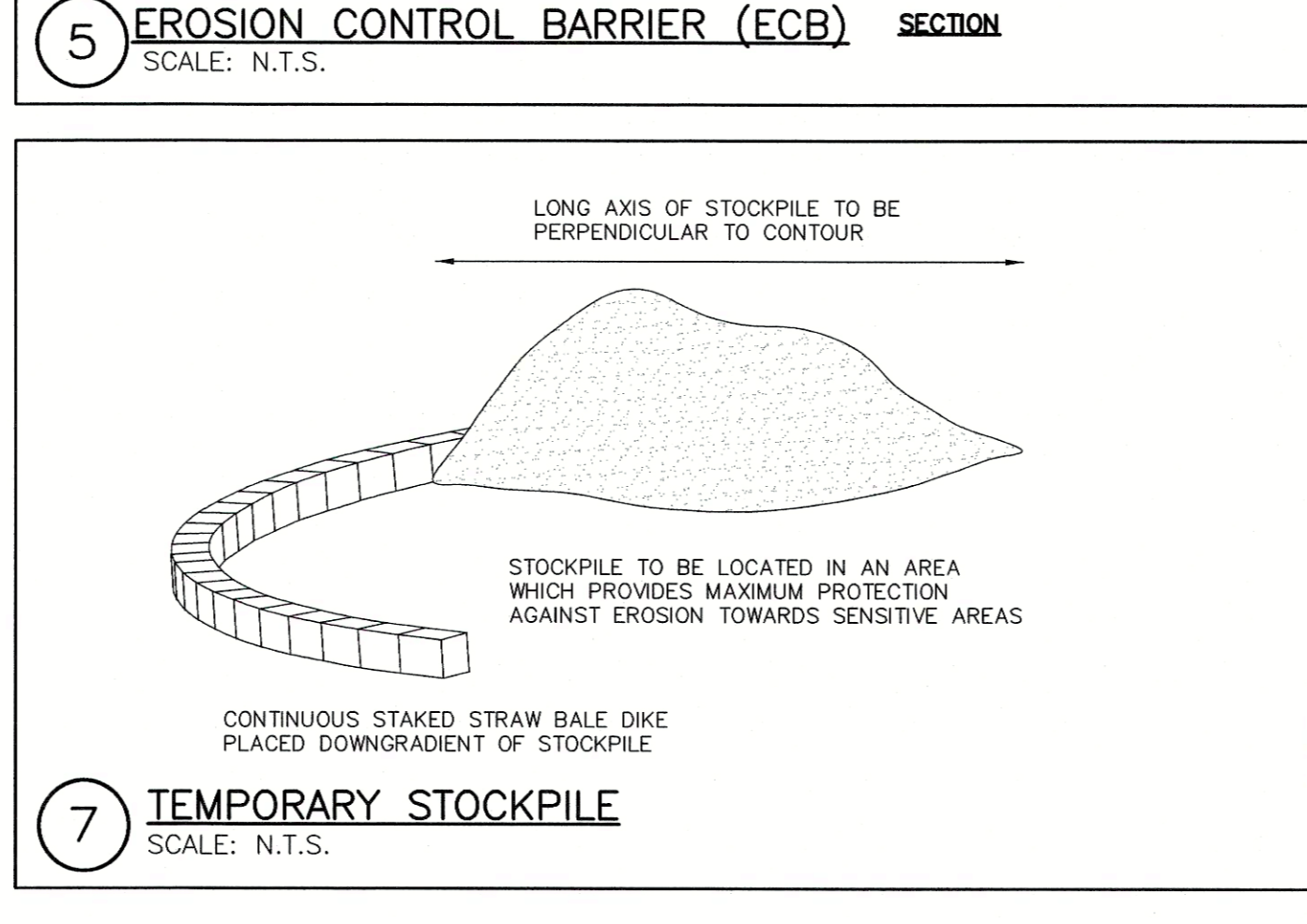
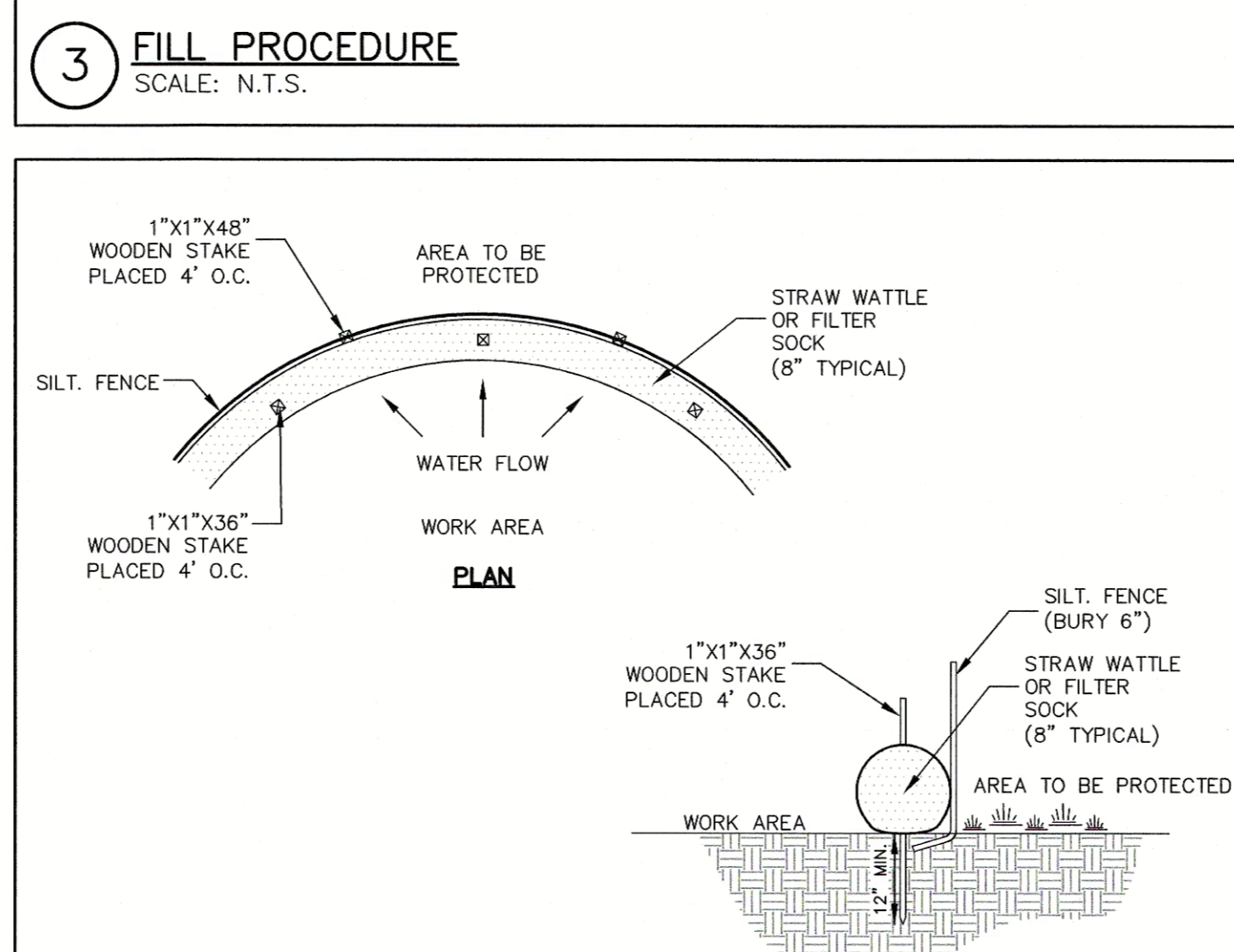
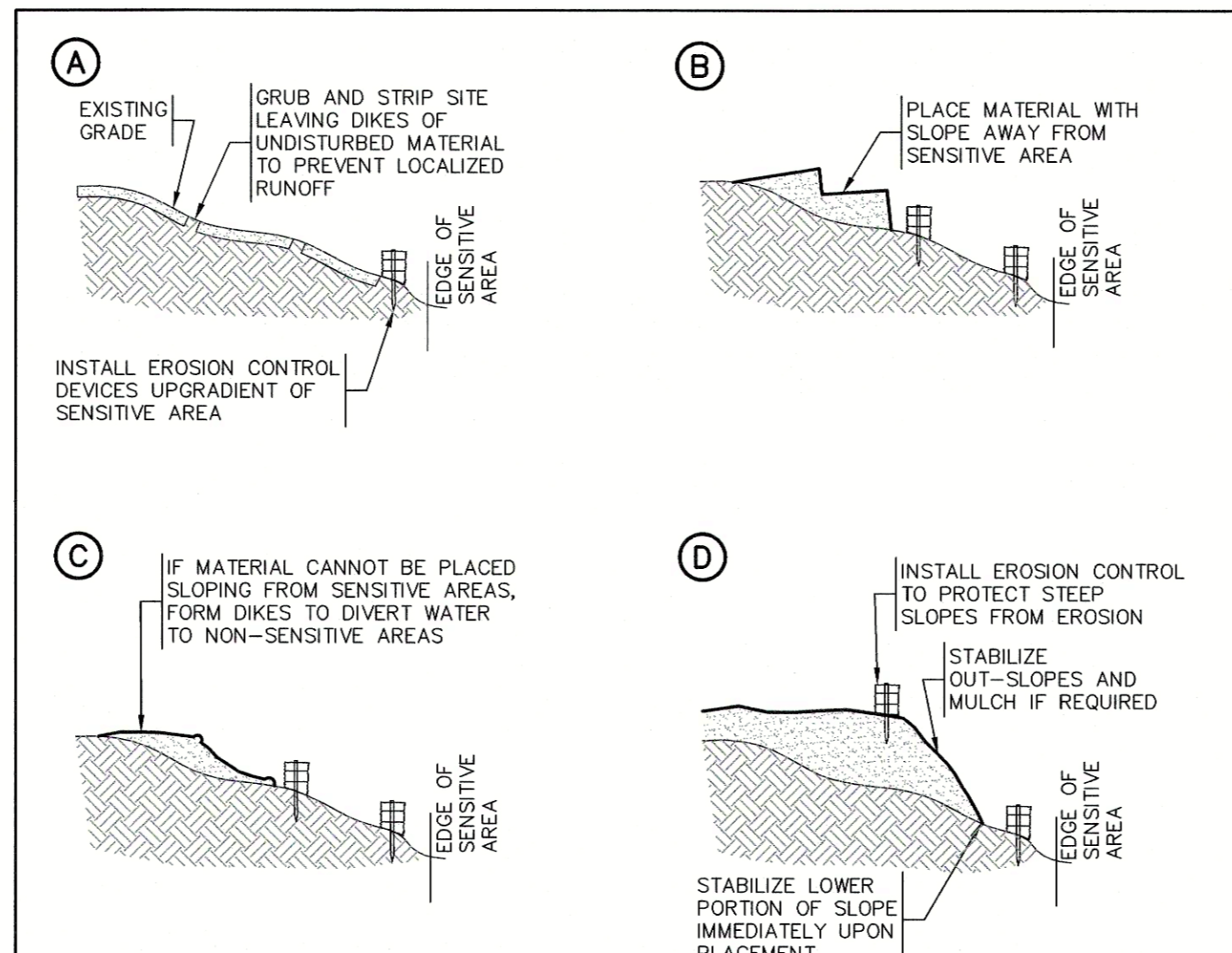
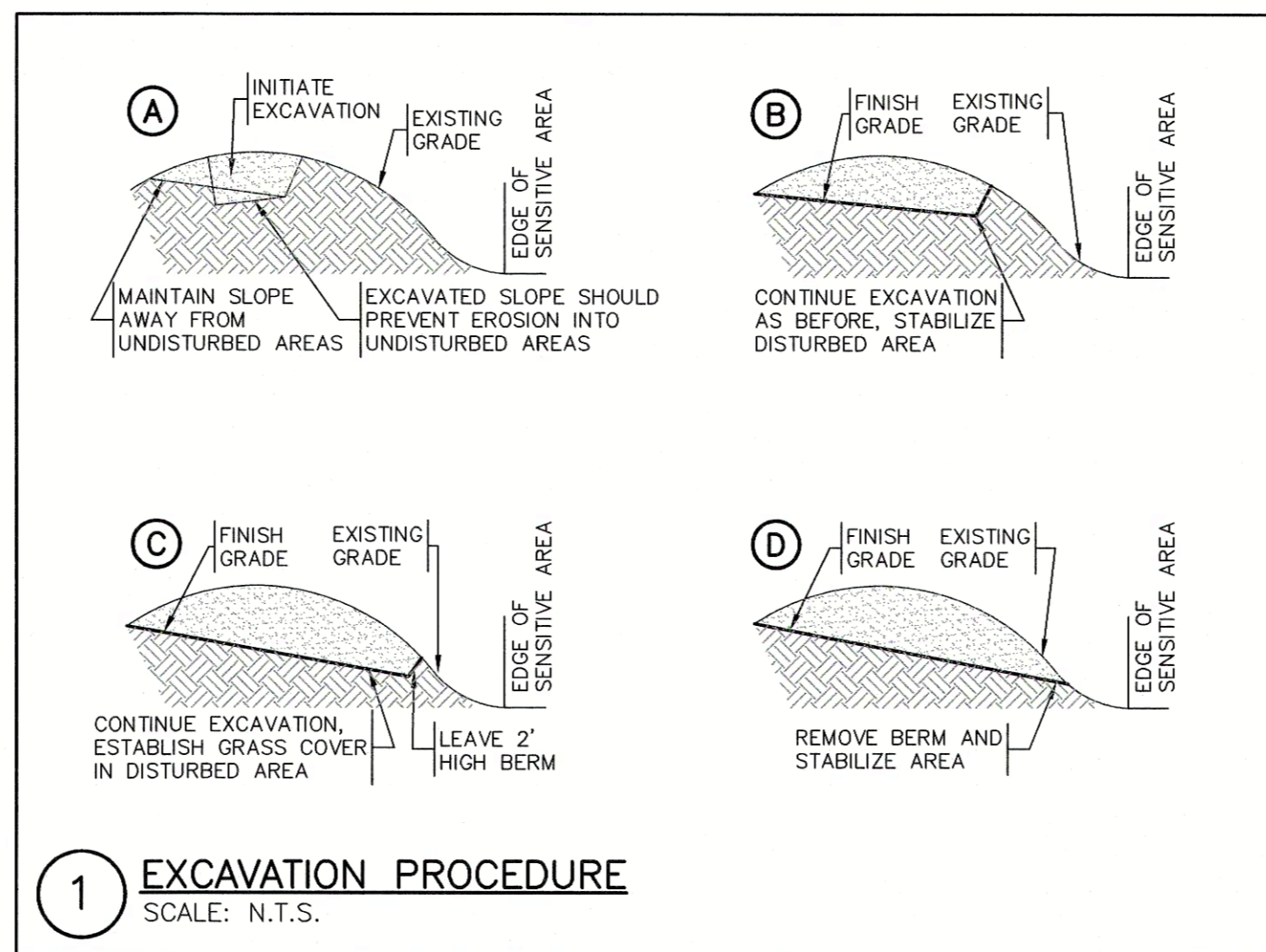
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L-6285

EROSION AND SEDIMENT CONTROL REQUIREMENTS

- PART 1 – GENERAL**
1.01 SUMMARY
- A. FURNISH, INSTALL, AND MAINTAIN TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS, BUT NOT NECESSARILY LIMITED TO, STRAW BALE AND SILT FENCE BARRIERS, RIPRAP, VEHICLE TRACKING PADS, DIVERSION CHANNELS AND BERMS, CHECK DAMS, STRATEGICALLY LOCATED STOCKPILES, SEDIMENT BASINS, MULCH, AND SEED MIX (HEREINAFTER "CONTROL MEASURES") ADEQUATE TO PREVENT THE CONVEYANCE OF EROSION PRODUCTS (E.G. SOIL, MULCH, SOD) OFF SITE, OR INTO ENVIRONMENTALLY SENSITIVE AREAS, OR INTO AREAS WHERE WORK WILL BE ADVERSELY IMPACTED. ENVIRONMENTALLY SENSITIVE AREAS INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, WETLANDS, TRIBUTARIES TO WETLANDS, WETLAND BUFFER ZONES, INTERMITTENT AND PERENNIAL STREAMS / RIVERS, AND THEIR ATTENDANT BUFFER ZONES.
- ALL METHODS AND MATERIALS USED FOR EROSION CONTROL SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN "EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS" A GUIDE FOR PLANNERS, DESIGNERS, AND MUNICIPAL OFFICIALS" AS PUBLISHED BY THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION, BUREAU OF RESOURCE PROTECTION, UNLESS OTHERWISE APPROVED IN WRITING.
- REFER TO DRAWINGS FOR LOCATION AND DETAILS OF LIMITS OF DISTURBANCE AND CONTROL MEASURES REQUIRED TO COMMENCE WORK. LIMITS OF DISTURBANCE SHALL BE MARKED WITH TAPE, SIGNS, OR ORANGE CONSTRUCTION FENCE PRIOR TO COMMENCING ANY LAND DISTURBANCE ACTIVITIES. CONTROL MEASURES WILL BE ADEQUATE ONLY FOR VEGETATION CLEARING. THE DRAWINGS ARE NOT INTENDED TO GRAPHICALLY DEPICT ALL CONTROL MEASURES THAT WILL BE REQUIRED TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A.
 - DEVISE AND EMPLOY CONTROL MEASURES THROUGHOUT THE DURATION OF PROJECT, OVER ALL AREAS DISTURBED OR UNDISTURBED BY CONSTRUCTION, AS NECESSARY TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A.
 - DEVISE AND EMPLOY TEMPORARY CONTROL MEASURES AS NECESSARY TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A, WHILE ALLOWING WORK TO PROCEED IN AN EFFICIENT, COST EFFECTIVE MANNER.
 - DEVISE, EMPLOY AND MAINTAIN CONTROL MEASURES UNTIL SUCH TIME AS THE ENTIRE SITE IS PERMANENTLY STABILIZED BY ESTABLISHED VEGETATION, FINISH LANDSCAPE MATERIALS, PAVED SURFACES, AND/OR ROOF AREA.
 - ONCE THE SITE IS PERMANENTLY STABILIZED AND CERTIFIED AS SUCH BY ENGINEER, REMOVE TEMPORARY CONTROL MEASURES WHILE PROTECTING STABILIZED SURFACES.
- 1.02 SUBMITTALS
- A. SUBMIT PRODUCT DATA, WARRANTY, AND TEST REPORTS AS INDICATED ON THE DRAWINGS.
- B. SUBMIT SKETCH SHOWING LOCATIONS OF PROPOSED STOCKPILE AREAS, CONSTRUCTION ENTRANCES AND EROSION CONTROLS IF NOT SHOWN ON THE SITE PLAN OR DIFFERENT FROM THOSE LOCATIONS SHOWN ON THE SITE PLAN.
- C. A SITE SPECIFIC SEQUENCE OF CONSTRUCTION FOR EACH PORTION OF THE SITE. NO PORTION OF THE SITE SHALL EXCEED FIVE (5) ACRES.
- 1.03 QUALITY ASSURANCE
- A. COMPLY WITH GOVERNING CODES AND REGULATIONS. PROVIDE PRODUCTS FROM ACCEPTABLE MANUFACTURERS. USE EXPERIENCED INSTALLERS. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- B. CONFORM TO CONDITIONS OF APPROVAL ISSUED BY REGULATORY AGENCIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, LOCAL PLANNING BOARD, CONSERVATION COMMISSION, CITY COUNCIL, BOARD OF HEALTH, PUBLIC WORKS / HIGHWAY DEPARTMENT, STATE ENVIRONMENTAL PROTECTION DEPARTMENT, AND U.S. GOVERNMENT ENVIRONMENTAL PROTECTION AGENCY. WHERE CONDITIONS OF REGULATORY APPROVAL DIFFER FROM REQUIREMENTS CONTAINED HEREIN OR ON THE DRAWINGS, COMPLY WITH THE MORE STRINGENT REQUIREMENT.
- PART 2 – PRODUCTS**
- 2.01 MATERIALS
- A. STRAW BALES: WEED FREE DRY GRASS OR STRAW, MACHINE BOUND WITH JUTE OR WIRE. APPROXIMATE SIZE EACH BALE 42" X 16" X 16". EACH BALE SHALL BE STAKED WITH A MINIMUM OF TWO 24" LONG HARDWOOD STAKES. NOTE: HAY SHALL NOT BE USED.
- B. STRAW WATTLES: NORTH AMERICAN GREEN MODEL WS1210 OR APPROVED EQUAL.
- C. SILT FENCE: NON-WOVEN, UV-RESISTANT, POLYPROPYLENE FABRIC, FLOW RATED AT 10 GPM/SF MINIMUM, GRAB TENSILE RATED AT 124 POUNDS MINIMUM, WITH INTEGRAL STAKE LOOPS, AND HARDWOOD STAKES. USE NO. 2130 BY AMOCO FABRICS & FIBERS, OR APPROVED EQUAL.
- D. MULCH: ORGANICS INCLUDING STRAW, PROCESSED PINE / HEMLOCK TWIGS AND NEEDLES.
- E. SEED MIXES: SHALL MEET THE REQUIREMENTS OF MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, LATEST EDITION SECTION 6.03.0 OR 6.03.1 AS APPROPRIATE.
- F. EXCELSIOR BLANKET: CURLED WOOD FIBER ON PHOTODEGRADABLE EXTRUDED PLASTIC MATRIX, 80% OF FIBERS 6-INCHES LONG OR LONGER, WEIGHT 0.975 POUNDS / SY, CONTAINING NO CHEMICAL ADDITIVES. USE CURLEX I BLANKET BY AMERICAN EXCELSIOR COMPANY, OR APPROVED EQUAL.
- G. ROCK RIPRAP: SOUND, ANGULAR, 6-INCH MINUS PROCESSED ROCK, BLAST ROCK, OR TALLINGS.
- H. CRUSHED STONE: SOUND, ANGULAR, 2-INCH MINUS PROCESSED CRUSHED STONE.
- PART 3 – EXECUTION**
- 3.01 THROUGHOUT CONSTRUCTION
- A. DEVISE WORK SEQUENCE SO AS TO LIMIT DRAINAGE AREA THAT IS TRIBUTARY TO DISTURBED AREAS. DEVISE, EMPLOY, AND MAINTAIN CONTROL MEASURES SUCH AS DIVERSION CHANNELS AND BERMS, STRATEGICALLY LOCATED STOCKPILES, AND SEDIMENT BASINS TO SUBDIVIDE DRAINAGE AREAS INTO SMALL, MANAGEABLE SUBAREAS, THEREBY MINIMIZING RUNOFF AND THE POTENTIAL FOR EROSION.
- B. MAINTAIN BARRIER AT LIMIT OF WORK AND PROTECT EXISTING VEGETATION / FACILITIES OUTSIDE OF LIMIT OF WORK.
- C. MAINTAIN SPARE MATERIAL STOCKPILES FOR IMMEDIATE EMPLOYMENT / REPAIR / EXPANSION OF CONTROL MEASURES. AT A MINIMUM, SUCH MATERIALS SHALL INCLUDE HAY BALES, SILT FENCE AND STAKES, AND CRUSHED STONE.
- D. INSPECT AND MAINTAIN EFFECTIVENESS OF CONTROL MEASURES BY REPAIRING AS NECESSARY TO ENSURE INTENDED FUNCTION; BY SUPPLEMENTING AS NECESSARY FOR ADEQUATE EXTENT; BY REMOVING TRAPPED PRODUCTS OF EROSION AS NECESSARY TO MAINTAIN EFFECTIVE TRAP VOLUME.
- E. LIMIT EXTENT OF WORK AREA SO THAT ALL DISTURBED AREAS CAN BE STABILIZED WITH CONTROL MEASURES WITHIN A 24-HOUR PERIOD.
- F. INSTALL CONTROL MEASURES AS SOON AS PRACTICABLE AFTER EACH MANAGEABLE PORTION OF EARTHWORK IS COMPLETE. EMPLOY TEMPORARY MEASURES AS NECESSARY TO STABILIZE DISTURBED AREAS, EVEN WHERE SUBSEQUENT CONSTRUCTION OPERATIONS MAY REQUIRE RE-DISTURBANCE.

- PART 3 – CONTINUED**
- G. WHEN INTENSE RAINFALL IS EXPECTED, CONSIDER, DEVISE, AND EMPLOY REINFORCING CONTROL MEASURES PRIOR TO THE RAINFALL EVENT TO MEET THE REQUIREMENTS DESCRIBED IN 1.01.A. IF NECESSARY, EMPLOY TEMPORARY CONTROL MEASURES ON MATERIAL STOCKPILES TO COUNTERACT POTENTIAL SEDIMENT TRANSPORT DURING INTENSE RAINFALL.
- H. WHEN VEHICLE REFUELING IS REQUIRED ON SITE, CONDUCT REFUELING OPERATIONS OUTSIDE OF ENVIRONMENTALLY SENSITIVE AREAS.
- I. PROPERLY DISPOSE OF DEBRIS, SOLID WASTE, TRASH, AND CONSTRUCTION WASTE / BY-PRODUCTS OFF SITE.
- J. SWEEP ON-SITE PAVED AREAS AND OFF-SITE STREETS AS NECESSARY TO PREVENT SILT AND DEBRIS ORIGINATING ON SITE FROM ENTERING CLOSED DRAINAGE SYSTEMS AND / OR ENVIRONMENTALLY SENSITIVE AREAS. WHEN NECESSARY UTILIZE WATER SPRAYING, SURFACE ROUGHENING AND/OR APPLY POLYMERS, SPRAY-ON TACKIFIERS, CHLORIDES AND BARRIERS FOR DUST CONTROL.
- K. INSPECT EROSION CONTROLS DAILY THROUGHOUT CONSTRUCTION REPAIR DAMAGED CONTROLS IMMEDIATELY.
- 3.02 SITE PREPARATION AND ACCESS
- A. WALK SITE AND IDENTIFY LOCATIONS OF LIMIT OF WORK AND ENVIRONMENTALLY SENSITIVE AREAS. ESTABLISH CONSTRUCTION STAGING AREA, LOCATED BEYOND ENVIRONMENTALLY SENSITIVE AREAS.
- B. INSTALL CONTROL MEASURES AS SHOWN ON THE DRAWINGS, INCLUDING THOSE DEFINING THE LIMIT OF WORK.
- C. LIMIT VEHICULAR TRAFFIC TO AND FROM SITE TO MINIMIZE TRANSPORT OF SEDIMENT.
- 3.03 CLEARING, GRUBBING, AND STRIPPING
- A. SCHEDULE GRUBBING AND STRIPPING TO OCCUR IMMEDIATELY PRIOR TO EARTH DISTURBANCE. DEPENDING ON SITE AREA, CONSIDER MULTIPLE GRUBBING PHASES, SEQUENCED TO TAKE ADVANTAGE OF THE EROSION PREVENTION POTENTIAL OF EXISTING VEGETATIVE COVER.
- B. MINIMIZE THE AREA OF EXISTING VEGETATION REMOVED WHEREVER POSSIBLE. NO GREATER THAN FIVE (5) ACRES SHALL BE UNSTABLE AT ANY TIME.
- C. LOCATE AND SIZE STOCKPILES TO MINIMIZE EROSION POTENTIAL, TAKING ADVANTAGE OF TERRAIN SLOPE AND ASPECT, WHERE APPROPRIATE.
- D. PROTECT VEGETATION, INCLUDING ROOT SYSTEMS, BEYOND LIMIT OF CLEARING.
- E. PROCESS TIMBER, STUMPS, SLASH, AND BRUSH SO AS TO PROTECT ENVIRONMENTALLY SENSITIVE AREAS AND INSTALLED CONTROL MEASURES. PROPERLY DISPOSE OF EXCESS OFF SITE. BURIAL OF STUMPS ON SITE IS PROHIBITED.
- 3.04 EXCAVATION FOR BUILDING FOUNDATIONS AND UTILITIES
- A. DEVISE AND INSTALL CONTROL MEASURES ADEQUATE TO HANDLE DISCHARGES AND TRAP SEDIMENT FROM FOOTING SUMP AND WELL POINT PUMPS PRIOR TO EXCAVATION.
- B. ARMOR SUMP PUMP DISCHARGE LOCATIONS TO PREVENT EROSION AT POINT OF DISCHARGE AND AREAS DOWNSTREAM.
- C. IF FOUNDATION EXCAVATIONS GRADE TO DAYLIGHT ON THE LOW SIDE, DEVISE AND INSTALL CONTROL MEASURES TO HANDLE SURFACE AND GROUNDWATER FLOW FROM EXCAVATION LOW POINT.
- D. STOCKPILE EXCAVATED MATERIALS TO BAFFLE OVERLAND RUNOFF, AVOIDING THE CREATION OF LENGTHY PATHS OF CONCENTRATED RUNOFF. STOCKPILE SLOPES SHALL NOT EXCEED 2:1.
- E. BACKFILL UTILITY TRENCHES AS SOON AS PRACTICABLE TO PREVENT FLOODING, SLOUGHING, POTENTIAL OVERFLOW, AND REPETITIVE EARTH DISTURBANCE.
- 3.05 SITE GRADING
- A. WHERE APPLICABLE, FOLLOW EXCAVATION AND FILL PRACTICES SHOWN ON DRAWINGS TO LOCALIZE AND MINIMIZE EROSION.
- B. MONITOR SEDIMENT VOLUME IN TEMPORARY SEDIMENT BASINS AND AT DIVERSION BERMS AND CHECK DAMS. IN ALL AREAS EXCEPT THOSE THAT DO NOT PRESENT POTENTIAL PROBLEMS WITH REGARD TO FUTURE SOIL STABILITY, DRAINAGE, OR BEARING CAPACITY, REMOVE AND PROPERLY DISPOSE OF TRAPPED SEDIMENT BEFORE BRINGING SITE TO FINAL SUBGRADE.
- C. EXPOSED SOILS SHALL BE PERMANENTLY STABILIZED WITHIN FIVE (5) BUSINESS DAYS OF COMPLETION OF CONSTRUCTION OF A GIVEN AREA. EXPOSED AREAS WHERE NO WORK HAS OCCURRED FOR FOURTEEN (14) DAYS SHALL BE TEMPORARILY STABILIZED WITH HYDROSEED OR OTHER APPROVED METHOD.
- D. SLOPES STEEPER THAN 3:1 SHALL BE STABILIZED IMMEDIATELY AFTER COMPLETION.
- 3.06 LANDSCAPING
- A. COMPLETE LANDSCAPING AS SOON AS POSSIBLE AFTER COMPLETION OF FINAL SUBGRADE.
- B. IMMEDIATELY AFTER PLACEMENT OF TOPSOIL, STABILIZE WITH CONTROL MEASURES INCLUDING, BUT NOT NECESSARILY LIMITED TO, SEED MIX, MULCH, AND / OR BLANKET.
- C. PERMANENT SEEDING MAY BE PERFORMED IN THE SPRING PRIOR TO JULY 1 AND IN BETWEEN AUGUST 1 AND OCTOBER 15. PERMANENT SEEDING AT OTHER TIMES SHALL BE APPROVED AND SHALL ONLY BE ALLOWED WITH AN APPROVED MULCHING AND IRRIGATION PROGRAM.
- GENERAL SEQUENCE OF CONSTRUCTION**
- PLACE LIMIT OF WORK BARRIERS, FENCES, CONSTRUCTION ENTRANCES AND REQUIRED FENCING & SIGNS.
 - CONSTRUCT SEDIMENT TRAPS & BARRIERS AND PLACE OTHER CONTROLS, DIVERSION TRENCHES, PERIMETER DIKES, WATER BARS & OUTLET PROTECTION.
 - ESTABLISH STOCKPILE AND STAGING AREAS.
 - CUT TREES AND SHRUBS AND REMOVE FROM SITE OR STOCKPILE AND PROTECT STOCKPILE(S) BY APPROVED METHODS.
 - EXCAVATE STUMPS AND REMOVE FROM SITE OR STOCKPILE AND PROTECT STOCKPILE(S) BY APPROVED METHODS.
 - INSTALL DRAINAGE SYSTEM BEGINNING WITH INFILTRATION AREA. INSTALL, STABILIZE AND PROTECT INFILTRATION AREAS AND OTHER AREAS DISTURBED FOR COMPONENTS OF DRAINAGE SYSTEM. CLEAR, ROUGH GRADE & STABILIZE SLOPES OF ROADWAY FROM STATION 0+00 TO END BETWEEN JULY 1ST AND SEPTEMBER 15TH.
 - BEGIN EARTHWORKS, ESTABLISH, STABILIZE AND PROTECT CUT AND FILL SLOPES.
 - BEGIN INSTALLATION OF OTHER UTILITIES. ESTABLISH COVER, STABILIZE AND PROTECT AREAS DISTURBED FOR UTILITY INSTALLATION.
 - BEGIN EXCAVATION FOR STRUCTURES; STOCKPILE AND PROTECT EXCAVATED MATERIALS.
 - BACKFILL FOUNDATIONS STABILIZE ALL DISTURBED AREAS AND REMOVE EXCESS SOIL FROM SITE.
 - PERFORM SITE WORK IN ACCORDANCE WITH "EROSION AND SEDIMENT CONTROL REQUIREMENTS, PART 3 – EXECUTION".
 - VERIFY ALL AREAS HAVE BEEN STABILIZED, RE-SEED EXPOSED SOILS.
 - CLEAN INFILTRATION AREA, CLEAN CATCH BASINS AND STORM DRAINS, REMOVE SOILS FROM SITE.
 - REMOVE ALL EROSION CONTROLS, LIMIT OF WORK BARRIERS, FENCES, CONSTRUCTION ENTRANCES, SIGNS AND SWEEP PAVED AREAS.



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APPROVAL UNDER SUBDIVISION CONTROL LAW REQUIRED. FRANKLIN PLANNING BOARD

BEING A MAJORITY DATE:

THIS CERTIFIES THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE FRANKLIN PLANNING BOARD HAS BEEN RECEIVED AND RECORDED ON AT AND NO APPEAL WAS RECEIVED DURING THE 20 DAYS NEXT AFTER SUCH RECEIPT OF SAID NOTICE.

FRANKLIN TOWN CLERK DATE:

DRAWING ISSUED FOR:
PERMIT

THIS PLAN IS INTENDED TO SHOW CONSTRUCTIBILITY AND MAY NOT SHOW ALL CONSTRUCTION DETAILS AND SPECIFICATIONS FOR THE PROPOSED IMPROVEMENTS, AND MAY NOT IDENTIFY ALL CONSTRUCTION ITEMS/AREAS OF CONTRACTOR JURISDICTION.

REVISIONS

| NO. | DATE | DESCRIPTION |
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| | | |
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| | | |

SHEET TITLE

EROSION & SEDIMENT CONTROL NOTES AND DETAILS

PROJECT:

OLAM ESTATES DEFINITIVE SUBDIVISION
900 WASHINGTON STREET
FRANKLIN, MA 02038

OWNER/APPLICANT:

TEMPLE ETZ CHAIM
900 WASHINGTON STREET
FRANKLIN, MA 02038

DES BY: KNL DATE: DECEMBER 22, 2020
CHK BY: JEG PROJECT NO. 2019-032

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