

MEDWAY COMMONS

RETAIL DEVELOPMENT

67 MAIN STREET

MEDWAY, MASSACHUSETTS

SITE PLAN MODIFICATION

STARBUCKS COFFEE DRIVE-THRU

MAP 41 PARCELS 23-67A,24,23-67C

APRIL 26, 2013

(LAST REVISED OCTOBER 8, 2013)

Applicant: Charter Realty and Development Corporation
800 Westchester Avenue
Rye Brook, NY 10573

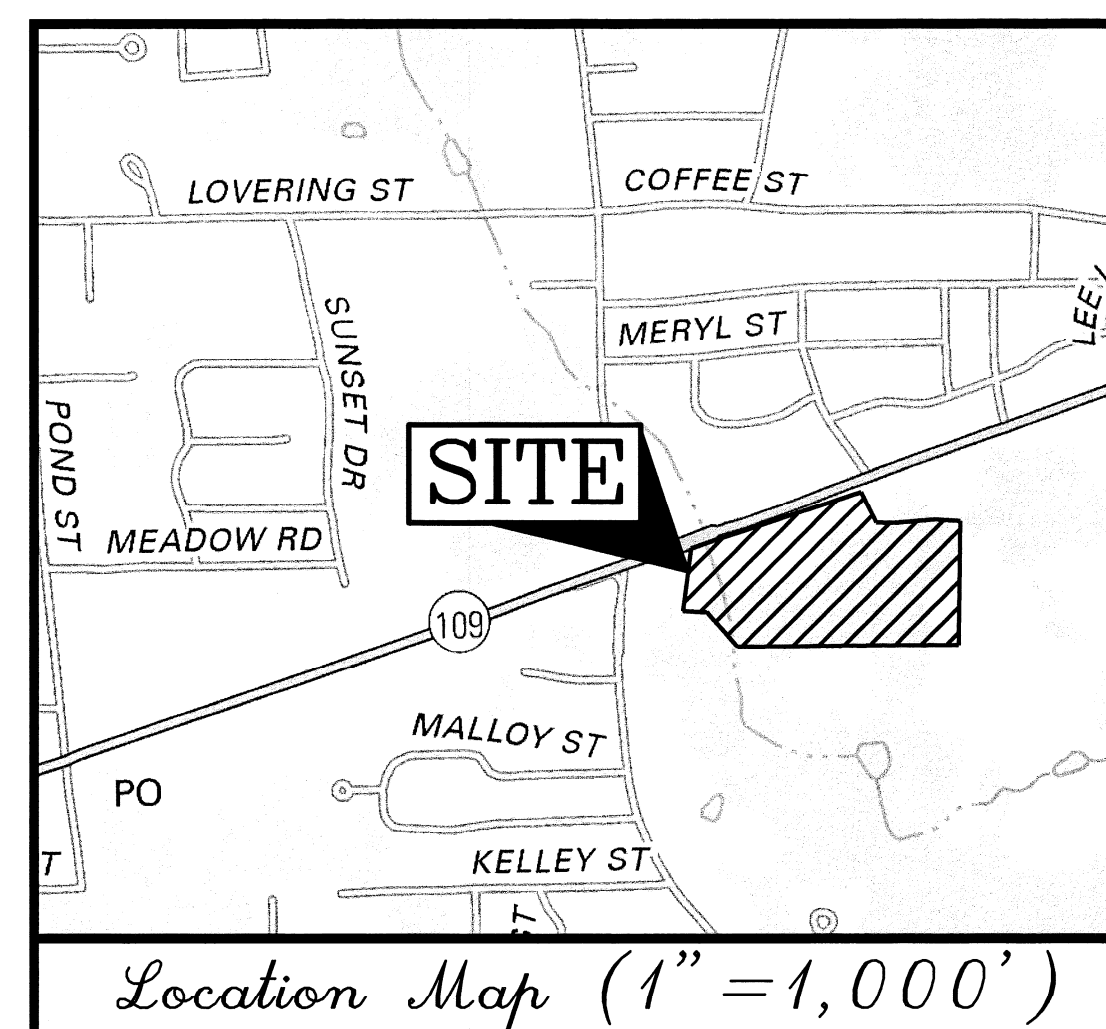
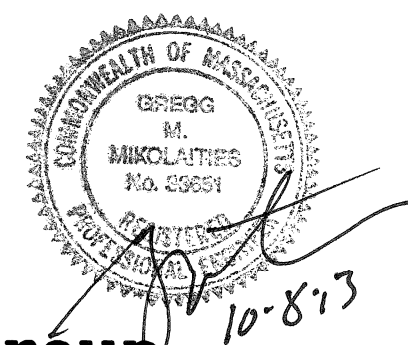
Owners: Charter Medway I, LLC.
800 Westchester Avenue
Rye Brook, NY 10573

Charter Medway II, LLC.
800 Westchester Avenue
Rye Brook, NY 10573

Prepared By: **Tighe & Bond**
Consulting Engineers

177 CORPORATE DRIVE
PORTSMOUTH, NEW HAMPSHIRE 03801
(603) 433-8818 info@tighebond.com

Survey: **Daylor Consulting Group**
Braintree, MA



LIST OF DRAWINGS		
SHEET NO.	TITLE	LAST REVISED
C-0	COVER SHEET	10/08/2013
1 OF 2	SITE AS-BUILT PLAN	11/18/2004
2 OF 2	SITE AS-BUILT PLAN	11/18/2004
C-1	EXISTING CONDITIONS AND DEMOLITION PLAN	10/08/2013
C-2	OVERALL SITE PLAN	10/08/2013
C-2A	SITE PLAN OVERLAY	10/08/2013
C-2B	SITE PLAN	10/08/2013
C-3	GRADING, DRAINAGE, AND UTILITIES PLAN	10/08/2013
C-4	LANDSCAPE PLAN	10/08/2013
C-5	EROSION CONTROL NOTES AND DETAILS SHEET	10/08/2013
C-6	DETAILS SHEET	10/08/2013
C-7	DETAILS SHEET	10/08/2013
C-8	DETAILS SHEET	10/08/2013
A0	TITLE SHEET	09/12/2013
D1	EXISTING/DEMO PLAN & ELEVATION	09/12/2013
A1	PROPOSED PLAN AND ELEVATION	09/12/2013
A4	ROOF PLAN & DETAILS	09/26/2013

ORIGINAL MEDWAY COMMONS APPROVAL JULY 29, 2002
SPECIAL PERMIT FROM MEDWAY ZONING V. G. 1. J) 7) RECEIVED MAY 1, 2013.
RECORDED OCTOBER 8, 2013

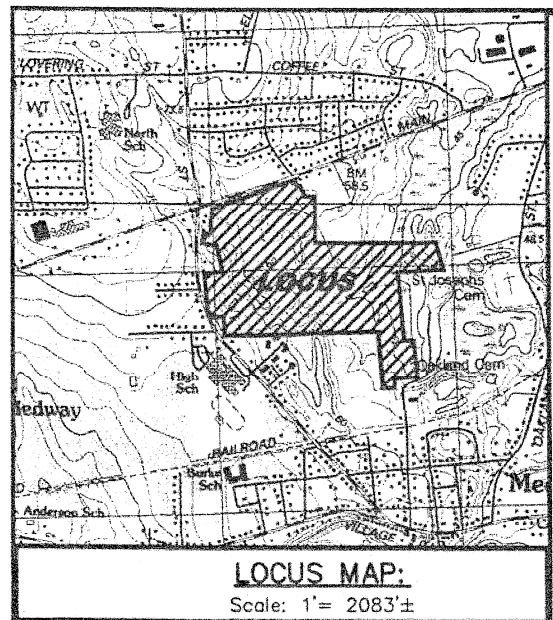
PLANNING AND ECONOMIC DEVELOPMENT BOARD ENDORSEMENT

[Signature]

[Signature]

[Signature]

SIGNATURE _____ DATE OF APPROVAL 9-10-13 DATE OF ENDORSEMENT 10-8-13



LEGEND

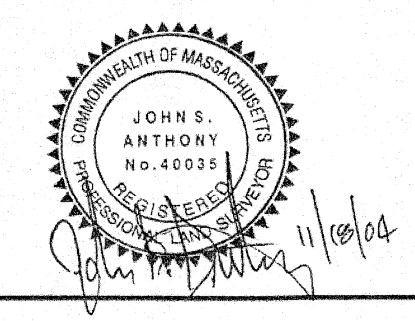
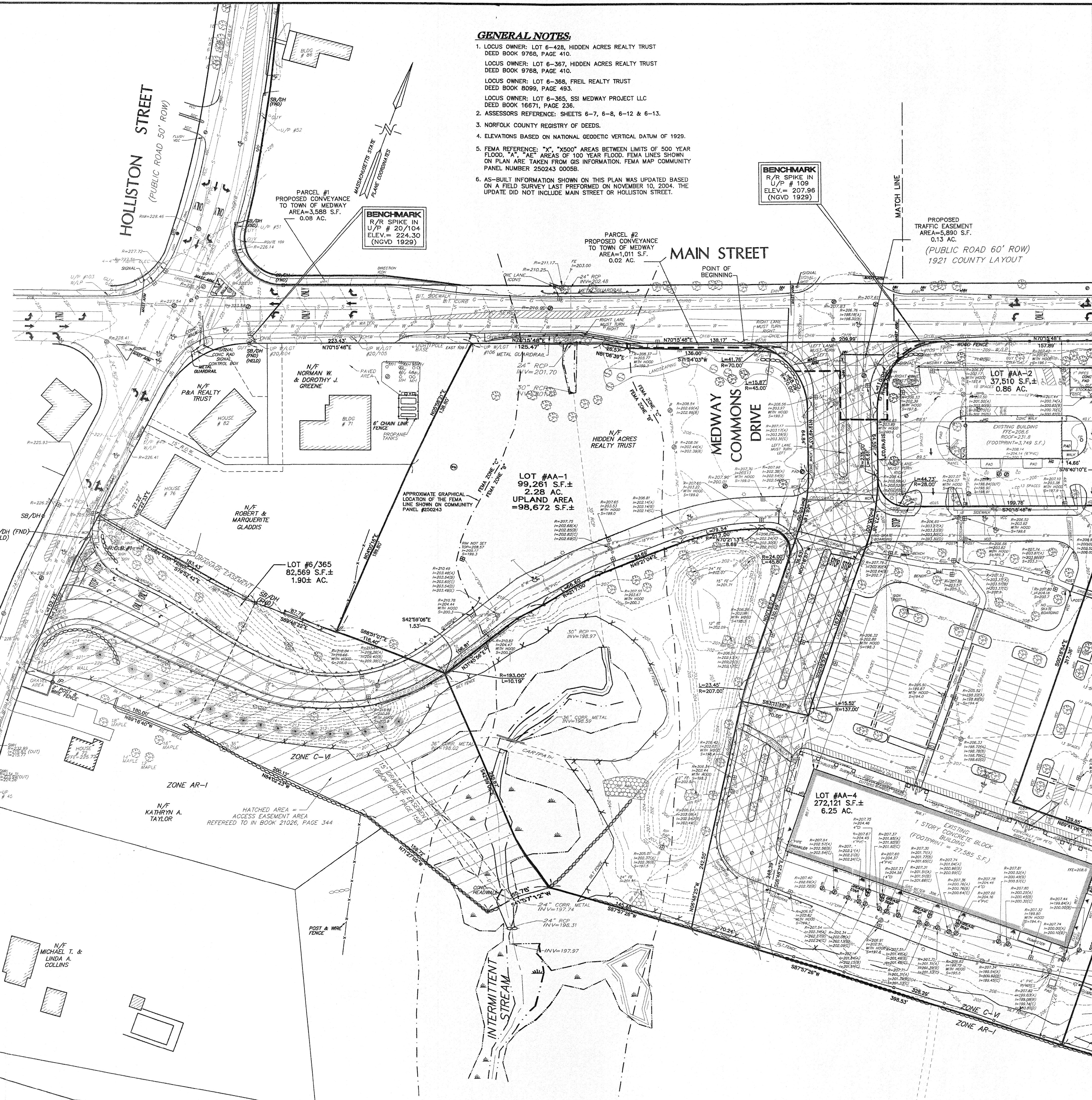
□ CB	CONCRETE BOUND
□ SB	STONE BOUND
⊙ DH	DRILL HOLE
⊙	LIGHT POLE
⊙	UTILITY POLE
⊙	WATER VALVE
— D —	DRAIN LINE
— S —	SEWER LINE
— FV —	SEWER FORCE MAIN
— G —	GAS LINE
— E —	ELECTRIC
— T —	TELEPHONE
— W —	WATER LINE
— OHW —	OVERHEAD WIRES
— RB —	CONTOUR
— TL —	TREE LINE
SPOT	SPOT GRADE
CB	CATCH BASIN
DM	DRAIN MANHOLE
TR	TRANSFORMER
RET WALL	RETAINING WALL
○	FLAGPOLE
N/F	NOW OR FORMERLY
⊙	SEWER MANHOLE
⊙	ELECTRIC MANHOLE
⊙	TELEPHONE MANHOLE
⊙	HYDRANT
⊙	GAS GATE
⊙	BITUMINOUS CONCRETE CURB
⊙	VERTICAL GRANITE CURB
⊙	SLOPED GRANITE CURB
⊙	CAPE COD BERM
⊙	VERTICAL CONCRETE CURB
⊙	CHAINLINK FENCE
⊙	MONITORING WELL
⊙	SIGN
⊙	SHRUB
⊙	HANDICAP PARKING SPACE
⊙	BOLLARD
(R)	FROM RECORD PLANS
—	HAND HOLD
—	RIGHT OF WAY
P.O.B.	POINT OF BEGINNING
HC	HOSE GATE

MANHOLE INVERT SCHEDULE

MH	MANHOLE
R=105.20	— RM ELEVATION
I=101.32(A)	— OUTLET INVERT
I=101.74(B)	— INLET INVERT
I=102.33(C)	— INLET INVERT

NOTE: INVERTS LISTED CLOCKWISE FROM OUTLET PIPE.

- GENERAL NOTES:**
- LOCUS OWNER: LOT 6-428, HIDDEN ACRES REALTY TRUST DEED BOOK 9768, PAGE 410.
 - LOCUS OWNER: LOT 6-367, HIDDEN ACRES REALTY TRUST DEED BOOK 9768, PAGE 410.
 - LOCUS OWNER: LOT 6-368, FREIL REALTY TRUST DEED BOOK 8099, PAGE 493.
 - LOCUS OWNER: LOT 6-365, SSI MEDWAY PROJECT LLC DEED BOOK 16671, PAGE 236.
 - ASSESSORS REFERENCE: SHEETS 6-7, 6-8, 6-12 & 6-13.
 - NORFOLK COUNTY REGISTRY OF DEEDS.
 - ELEVATIONS BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
 - FEMA REFERENCE: "X", "X500" AREAS BETWEEN LIMITS OF 500 YEAR FLOOD, "A", "AE" AREAS OF 100 YEAR FLOOD. FEMA LINES SHOWN ON PLAN ARE TAKEN FROM GIS INFORMATION. FEMA MAP COMMUNITY PANEL NUMBER 250243 0005B.
 - AS-BUILT INFORMATION SHOWN ON THIS PLAN WAS UPDATED BASED ON A FIELD SURVEY LAST PERFORMED ON NOVEMBER 10, 2004. THE UPDATE DID NOT INCLUDE MAIN STREET OR HOLLISTON STREET.



Project Title
MAIN AND HOLLISTON STREETS IN MEDWAY MA

Prepared For
CHARTER REALTY & DEVELOPMENT CORPORATION
411 WEST PUTNAM AVENUE
SUITE 111
GREENWICH, CT 06830-6233

Daylor Consulting Group Inc.
Ten Forbes Road
Bridgewater, MA 02184
781-849-7070
FAX 781-849-0096

Drawing Title
SITE AS-BUILT PLAN

Scale: 1"=40'

Date	JULY 14, 2004	Drawing No.	
Proj. Mgr.	J.S.A.	Calc.	M.W. COLE
Check		Drawn	M.W. COLE
Job No.	1-1954.00	of	2
Last Rev.	11-18-04		

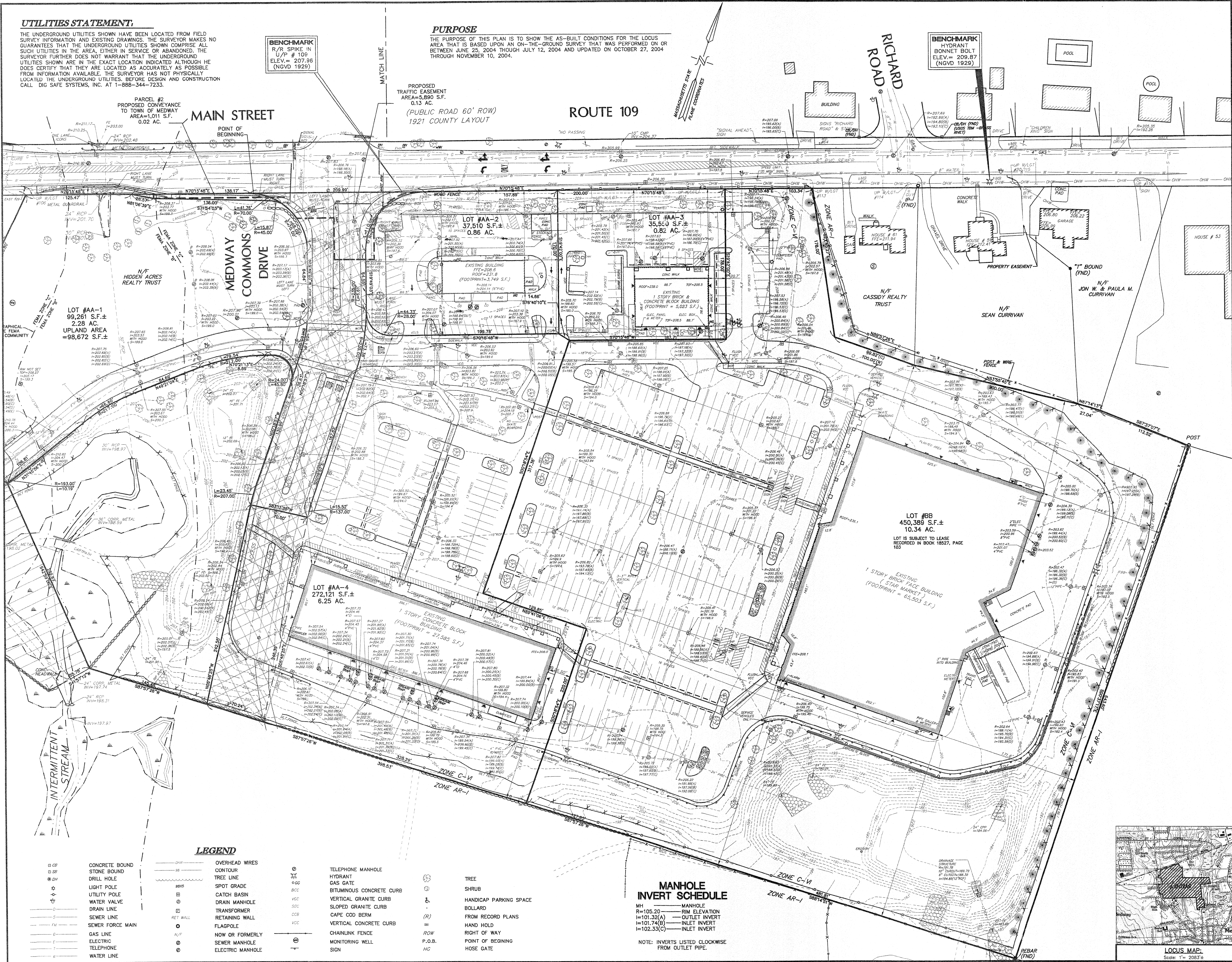
UTILITIES STATEMENT:

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BEFORE DESIGN AND CONSTRUCTION CALL DIG SAFE SYSTEMS, INC. AT 1-888-344-7233.

PURPOSE

THE PURPOSE OF THIS PLAN IS TO SHOW THE AS-BUILT CONDITIONS FOR THE LOCUS AREA THAT IS BASED UPON AN ON-THE-GROUND SURVEY THAT WAS PERFORMED ON OR BETWEEN JUNE 25, 2004 THROUGH JULY 12, 2004 AND UPDATED ON OCTOBER 27, 2004 THROUGH NOVEMBER 10, 2004.

Revisions
1. 11-18-04 ADDED ASBUILT INFORMATION



BENCHMARK
R/R SPIKE IN
U/P # 109
ELEV. = 207.96
(NGVD 1929)

BENCHMARK
HYDRANT
BONNET BOLT
ELEV. = 209.87
(NGVD 1929)

PROPOSED TRAFFIC EASEMENT
AREA = 5,890 S.F.
0.13 AC.
(PUBLIC ROAD 60' ROW)
1921 COUNTY LAYOUT

ROUTE 109

MAIN STREET

RICHARD ROAD

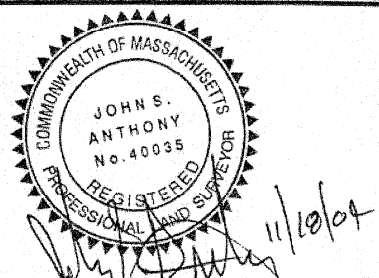
MEDWAY COMMONS DRIVE

LOT #AA-2
37,510 S.F. ±
0.86 AC.

LOT #AA-3
35,550 S.F. ±
0.82 AC.

LOT #BB
450,389 S.F. ±
10.34 AC.

LOT #AA-4
272,121 S.F. ±
6.25 AC.



Project Title

MAIN AND HOLLISTON STREETS IN MEDWAY MA

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CHARTER REALTY & DEVELOPMENT CORPORATION
411 WEST PUTNAM AVENUE SUITE 111
GREENWICH, CT 06830-6233

Daylor Consulting Group Inc.

Ten Forbes Road
Braintree, MA 02184
781-849-7070
FAX 781-849-0096

Drawing Title

SITE AS-BUILT PLAN

Scale: 1"=40'

Date: JULY 14, 2004
Proj. Mgr. J.S.A.
Calc. M.W. COLE
Check
Drawn M.W. COLE
Job No. 1-1954.00
Last Rev. 11-18-04 of 2

Drawing No. **2**

LOCUS MAP:
Scale: 1" = 2003'

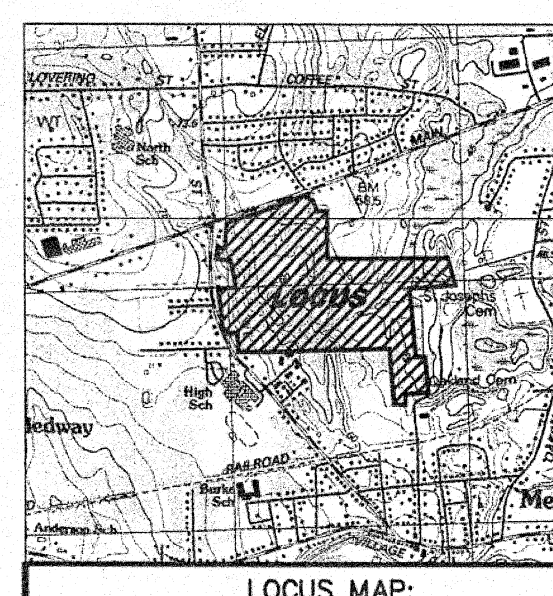
LEGEND

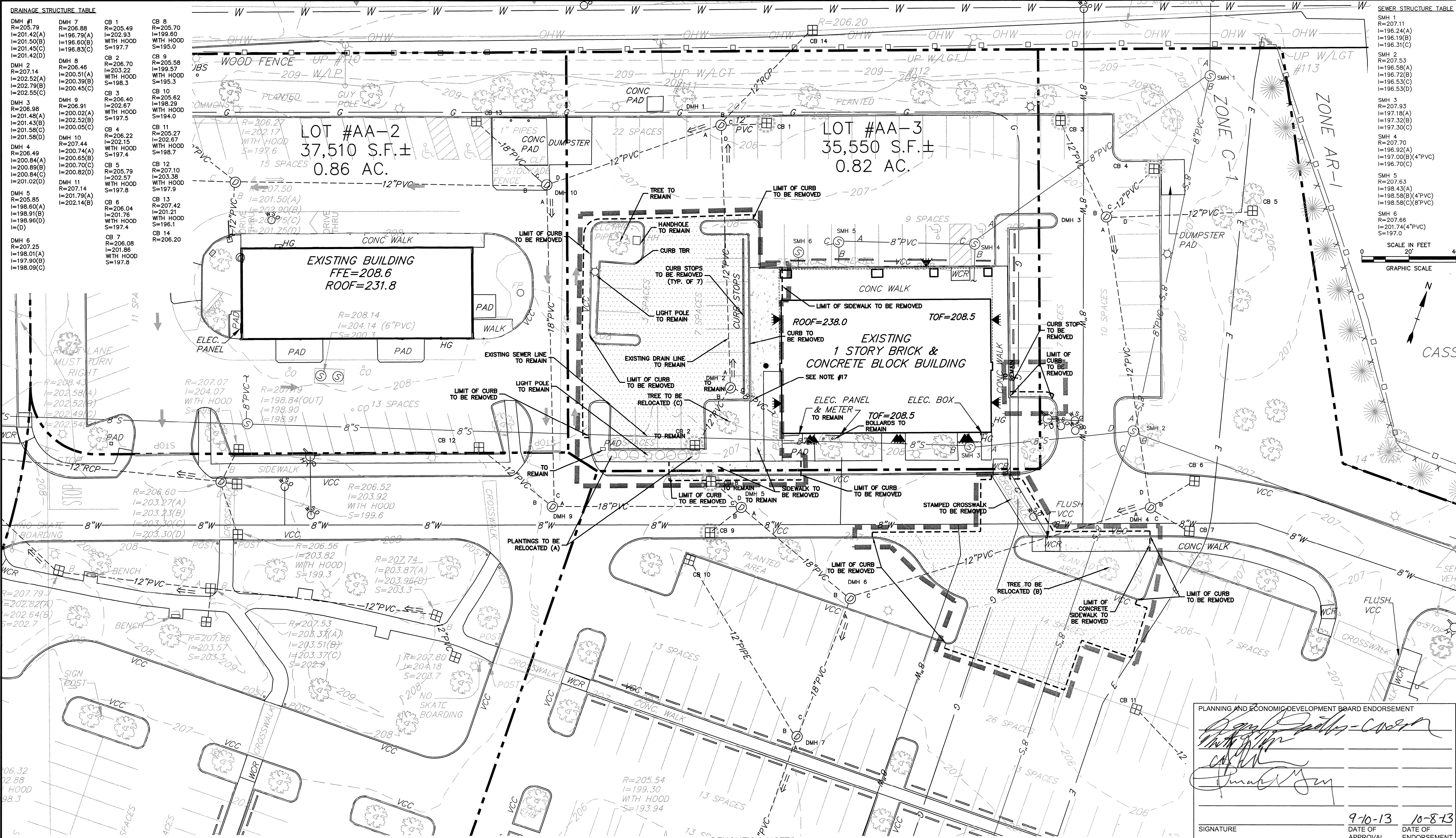
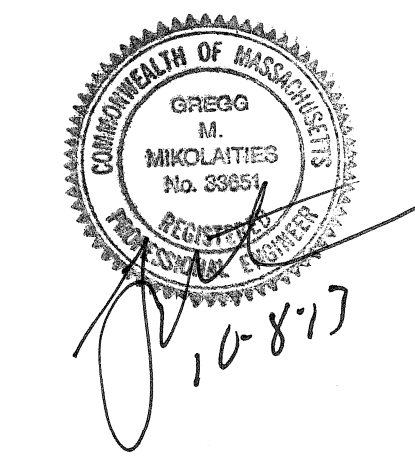
- | | | | | | |
|------|------------------|-------|-----------------|---|--------------------------|
| ○ CP | CONCRETE BOUND | — CHW | OVERHEAD WIRES | ⊙ | TELEPHONE MANHOLE |
| □ SP | STONE BOUND | — SE | CONTOUR | ⊙ | HYDRANT |
| ⊙ DH | DRILL HOLE | — TL | TREE LINE | ⊙ | GAS GATE |
| ⊙ | LIGHT POLE | — SG | SPOT GRADE | ⊙ | BITUMINOUS CONCRETE CURB |
| ⊙ | UTILITY POLE | — CB | CATCH BASIN | ⊙ | VERTICAL GRANITE CURB |
| ⊙ | WATER VALVE | — DM | DRAIN MANHOLE | ⊙ | SLOPED GRANITE CURB |
| — D | DRAIN LINE | — RW | RETAINING WALL | ⊙ | VERTICAL CONCRETE CURB |
| — S | SEWER LINE | — F | FLAGPOLE | ⊙ | CHAINLINK FENCE |
| — FM | SEWER FORCE MAIN | — N/F | NOW OR FORMERLY | ⊙ | MONITORING WELL |
| — G | GAS LINE | — E | ELECTRIC | ⊙ | ELECTRIC MANHOLE |
| — T | ELECTRIC | — | TELEPHONE | ⊙ | |
| — W | WATER LINE | | | | |

MANHOLE INVERT SCHEDULE

MH
R=105.20 — RIM ELEVATION
I=101.32(A) — OUTLET INVERT
I=101.74(B) — INLET INVERT
I=102.33(C) — INLET INVERT

NOTE: INVERTS LISTED CLOCKWISE FROM OUTLET PIPE.





DRAINAGE STRUCTURE TABLE

DMH #1 R=205.79 I=201.42(A) I=201.50(B) I=201.45(C) I=201.42(D)	DMH 7 R=206.88 I=196.79(A) I=196.60(B) I=196.83(C)	CB 1 R=205.49 I=202.93 WITH HOOD S=195.0	CB 8 R=205.70 I=199.60 WITH HOOD S=195.0
DMH 2 R=207.14 I=202.52(A) I=202.79(B) I=202.55(C)	DMH 8 R=206.46 I=200.51(A) I=200.39(B) I=200.45(C)	CB 2 R=206.77 I=203.22 WITH HOOD S=195.3	CB 9 R=205.58 I=199.57 WITH HOOD S=194.0
DMH 3 R=206.98 I=201.48(A) I=201.43(B) I=201.58(C) I=201.58(D)	DMH 9 R=206.91 I=200.02(A) I=200.52(B) I=200.05(C)	CB 3 R=206.40 I=202.67 WITH HOOD S=197.5	CB 10 R=205.62 I=198.29 WITH HOOD S=194.0
DMH 4 R=206.49 I=200.84(A) I=200.89(B) I=200.84(C) I=201.02(D)	DMH 10 R=207.44 I=200.74(A) I=200.65(B) I=200.70(C) I=200.82(D)	CB 4 R=206.22 I=202.15 WITH HOOD S=197.8	CB 11 R=205.27 I=202.67 WITH HOOD S=197.8
DMH 5 R=205.85 I=198.60(A) I=198.91(B) I=198.96(D) I=198.09(C)	DMH 11 R=207.14 I=201.79(A) I=201.79(B) I=201.79(C) I=201.79(D)	CB 5 R=205.79 I=202.57 WITH HOOD S=197.8	CB 12 R=207.10 I=203.38 WITH HOOD S=197.8
DMH 6 R=207.25 I=198.01(A) I=197.90(B) I=198.09(C)	DMH 12 R=206.08 I=201.86 WITH HOOD S=197.8	CB 6 R=206.04 I=201.76 WITH HOOD S=197.8	CB 13 R=207.42 I=201.21 WITH HOOD S=197.8
		CB 7 R=206.08 I=201.86 WITH HOOD S=197.8	CB 14 R=206.20 I=201.21 WITH HOOD S=197.8

SEWER STRUCTURE TABLE

SMH 11 R=207.11 I=196.24(A) I=196.19(B) I=196.31(C)	SMH 2 R=207.53 I=196.58(A) I=196.72(B) I=196.53(C) I=196.53(D)	SMH 3 R=207.93 I=197.18(A) I=197.32(B) I=197.30(C)	SMH 4 R=207.70 I=196.92(A) I=197.00(B)(4" PVC) I=196.70(C)
SMH 5 R=207.63 I=198.43(A) I=198.58(B)(4" PVC) I=198.58(C)(8" PVC)	SMH 6 R=207.66 I=201.74(4" PVC) S=197.0		

LEGEND

□ CB	CONCRETE BOUND	— FM	SEWER FORCE MAIN
□ SP	STONE BOUND	— G	GAS LINE
⊙ DH	DRILL HOLE	— E	ELECTRIC
⊙ L/P	LIGHT POLE	— T	TELEPHONE
⊙ U/P	UTILITY POLE	— W	WATER LINE
⊙ V	WATER VALVE	— OHW	OVERHEAD WIRES
— D	DRAIN LINE	— SB	MAJOR CONTOUR
— S	SEWER LINE	— SB	MINOR CONTOUR
— FM	SEWER FORCE MAIN	— E/T/C/F	ELECTRIC/TELEPHONE/CABLE/FIRE ALARM
— G	GAS LINE	— P	PROPERTY LINE
— E	ELECTRIC		
— T	TELEPHONE		
— W	WATER LINE		
— OHW	OVERHEAD WIRES		
— SB	MAJOR CONTOUR		
— SB	MINOR CONTOUR		
— E/T/C/F	ELECTRIC/TELEPHONE/CABLE/FIRE ALARM		
— P	PROPERTY LINE		

— W/L	WETLAND LINE	— R	HAND HOLD
— S/G	SPOT GRADE	— R/W	RIGHT OF WAY
— CB	CATCH BASIN	— S/G	SPOT GRADE
— TR	TRANSFORMER	— CB	CATCH BASIN
— RW	RETAINING WALL	— F/E	FLAGLED END OUTLET
— F/P	FLAGPOLE	— DMH	DRAIN MANHOLE
— H	HYDRANT	— SMH	SEWER MANHOLE
— G/G	GAS GATE	— EMH	ELECTRIC MANHOLE
— BCC	BITUMINOUS CONCRETE CURB	— TMH	TELEPHONE MANHOLE
— VCC	VERTICAL GRANITE CURB	— H	HYDRANT
— SCC	SLOPED GRANITE CURB	— G/G	GAS GATE
— G	GAUDDRAIL	— BCC	BITUMINOUS CONCRETE CURB
— M	MONITORING WELL	— VCC	VERTICAL GRANITE CURB
— S	SIGN	— SCC	SLOPED GRANITE CURB
— T	TREE	— CC	CONCRETE CURB
— S/W	SHRUB	— S/W	SOLID WHITE EDGE LINE
— S/W	SHRUB	— S/W	SOLID WHITE LANE LINE
— S/W	SHRUB	— S/W	SOLID WHITE LINE
— S/W	SHRUB	— S/W	DOUBLE YELLOW LANE LINE
— S/W	SHRUB	— S/W	CROSS WALK
— S/W	SHRUB	— S/W	LIMIT OF WORK
— S/W	SHRUB	— S/W	SAWCUT LIMIT
— S/W	SHRUB	— S/W	PAVEMENT TO BE RECLAIMED
— S/W	SHRUB	— S/W	SIDEWALK TO BE REMOVED

DEMOLITION NOTES:

- THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND THE LOCATIONS ARE NOT GUARANTEED BY THE OWNER OR THE ENGINEER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, ANTICIPATE CONFLICTS, REPAIR EXISTING UTILITIES AND RELOCATE EXISTING UTILITIES REQUIRED TO COMPLETE THE WORK.
- ALL MATERIALS SCHEDULED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL DISPOSE OF ALL MATERIALS OFF-SITE IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS, ORDINANCES AND CODES.
- ANY EXISTING WORK OR PROPERTY DAMAGED OR DISRUPTED BY CONSTRUCTION/DEMOLITION ACTIVITIES SHALL BE REPLACED OR REPAIRED TO MATCH ORIGINAL EXISTING CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 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.
- SAWCUT AND REMOVE PAVEMENT ONE FOOT OFF PROPOSED EDGE OF PAVEMENT OR EXISTING CURB LINE IN ALL AREAS WHERE PAVEMENT TO BE REMOVED ADJUTS EXISTING PAVEMENT OR CONCRETE TO REMAIN.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE CONDITIONS OF ALL OF THE PERMIT APPROVALS.
- THE CONTRACTOR SHALL OBTAIN AND PAY FOR 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 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.
- PAVEMENT REMOVAL LIMITS ARE SHOWN FOR CONTRACTOR'S CONVENIENCE. ADDITIONAL PAVEMENT REMOVAL MAY BE REQUIRED DEPENDING ON THE CONTRACTOR'S OPERATION. CONTRACTOR TO VERIFY FULL LIMITS OF PAVEMENT REMOVAL PRIOR TO BID.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL EXISTING STRUCTURES, CONCRETE PADS, UTILITIES AND PAVEMENT WITHIN THE WORK LIMITS SHOWN UNLESS SPECIFICALLY IDENTIFIED TO REMAIN. ITEMS TO BE REMOVED INCLUDE BUT ARE NOT LIMITED TO: CONCRETE, PAVEMENT, CURBS, POLES, SIGNS, TREES AND LANDSCAPING.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A SUITABLE LOCATION FOR ALL SALVAGED LANDSCAPING TO BE TEMPORARILY RELOCATED UNTIL THE SITE IS READY FOR FINAL RELOCATION OF THE PLANTINGS. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ANY NECESSARY IRRIGATION AND PROTECTION TO KEEP PLANTS HEALTHY.
- CONTRACTOR SHALL PROTECT ALL PROPERTY MONUMENTATION THROUGHOUT DEMOLITION AND CONSTRUCTION OPERATIONS. SHOULD ANY MONUMENTATION BE DISTURBED BY THE CONTRACTOR, HE SHALL EMPLOY A LICENSED SURVEYOR TO REPLACE IT.
- PROVIDE INLET PROTECTION BARRIERS AT ALL CATCH BASINS WITHIN CONSTRUCTION LIMITS AND MAINTAIN FOR THE DURATION OF THE PROJECT. INLET PROTECTION BARRIERS SHALL BE "HIGH FLOW SILT SACK" BY ACF ENVIRONMENTAL OR APPROVED EQUAL. INSPECT BARRIERS WEEKLY AND AFTER EACH RAIN 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.
- THE CONTRACTOR SHALL PHASE DEMOLITION AND CONSTRUCTION AS REQUIRED TO PROVIDE CONTINUOUS SERVICE TO EXISTING BUSINESSES AND HOMES THROUGHOUT THE CONSTRUCTION PERIOD. EXISTING BUSINESS AND HOME SERVICES 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.
- 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, BARRICADING, FENCING, SECURITY AND SAFETY DEVICES REQUIRED FOR THE MAINTENANCE OF A CLEAN AND SAFE CONSTRUCTION SITE.
- CONTRACTOR SHALL VERIFY EXACT LOCATION OF DRAIN LINE AND SHALL REPORT TO ENGINEER. PROPOSED ADDITION FOUNDATION SHALL NOT BE CONSTRUCTED OVER EXISTING DRAIN.

PLANNING AND ECONOMIC DEVELOPMENT BOARD ENDORSEMENT

[Signature]
 DATE OF APPROVAL: 9-10-13
 DATE OF ENDORSEMENT: 10-8-13

SIGNATURE: _____
 DATE OF APPROVAL: _____
 DATE OF ENDORSEMENT: _____

Medway Commons

Retail Development Site Plan Modification - Starbucks Coffee Drive-Thru

Medway, Massachusetts

MARCH 20, 2013

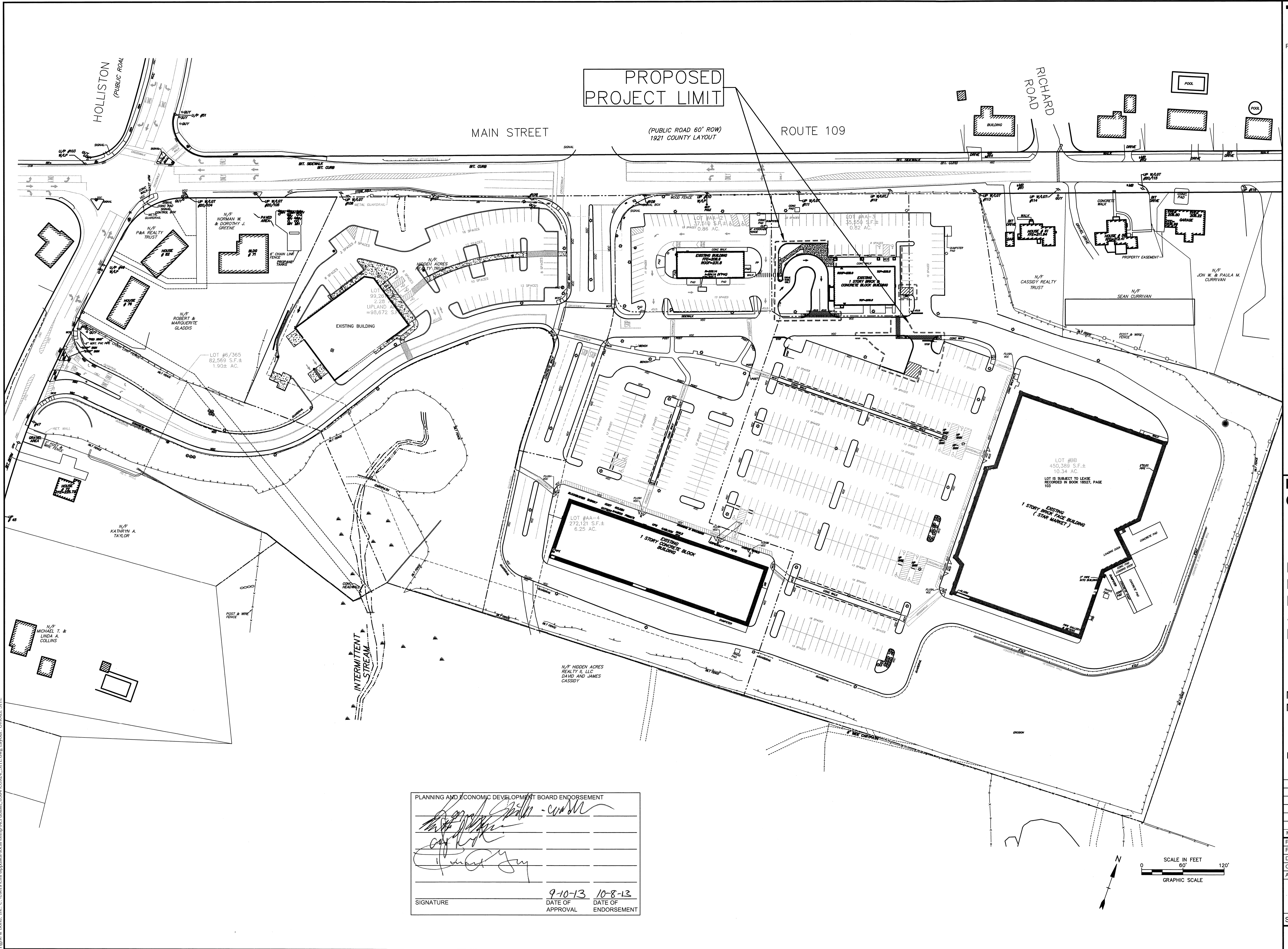
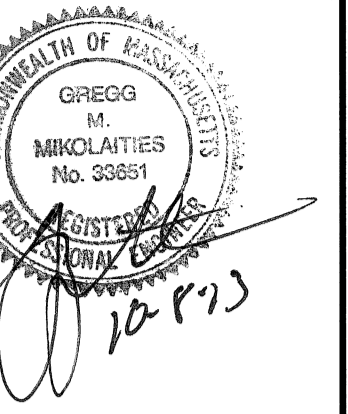
5.	10/8/13	FOR ENDORSEMENT
4.	9/26/13	FOR ENDORSEMENT
3.	7/22/13	REVISED PER REVIEW COMMENTS
2.	7/8/13	ISSUED LAYOUT
1.	4/26/13	ISSUED TO PLANNING BOARD

PROJECT NO: C-0924
 FILE: C0924_SITE.dwg
 DRAWN BY: GWH
 CHECKED: JLV
 APPROVED BY: GMM

EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: AS SHOWN

Oct 07, 2013 10:55 am Plotted By: cm
 Tighe & Bond, Inc. C:\Users\cm\AppData\Local\Temp\cm\cm\0924 - SITE.dwg Layout: D:\MO



Medway Commons

Retail
Development Site
Plan Modification -
Starbucks Coffee
Drive-Thru

Medway,
Massachusetts

MARCH 20, 2013

5.	10/8/13	FOR ENDORSEMENT
4.	9/28/13	FOR ENDORSEMENT
3.	7/22/13	REVISED PER REVIEW COMMENTS
2.	7/8/13	REVISED LAYOUT
1.	4/26/13	ISSUED TO PLANNING BOARD
Mark	Date	Description
PROJECT NO: C-0924		
FILE: C0924_SITE.dwg		
DRAWN BY:	GWH	
CHECKED:	JLV	
APPROVED BY:	GMM	

OVERALL SITE PLAN

SCALE: AS SHOWN

PLANNING AND ECONOMIC DEVELOPMENT BOARD ENDORSEMENT

[Signature]

[Signature]

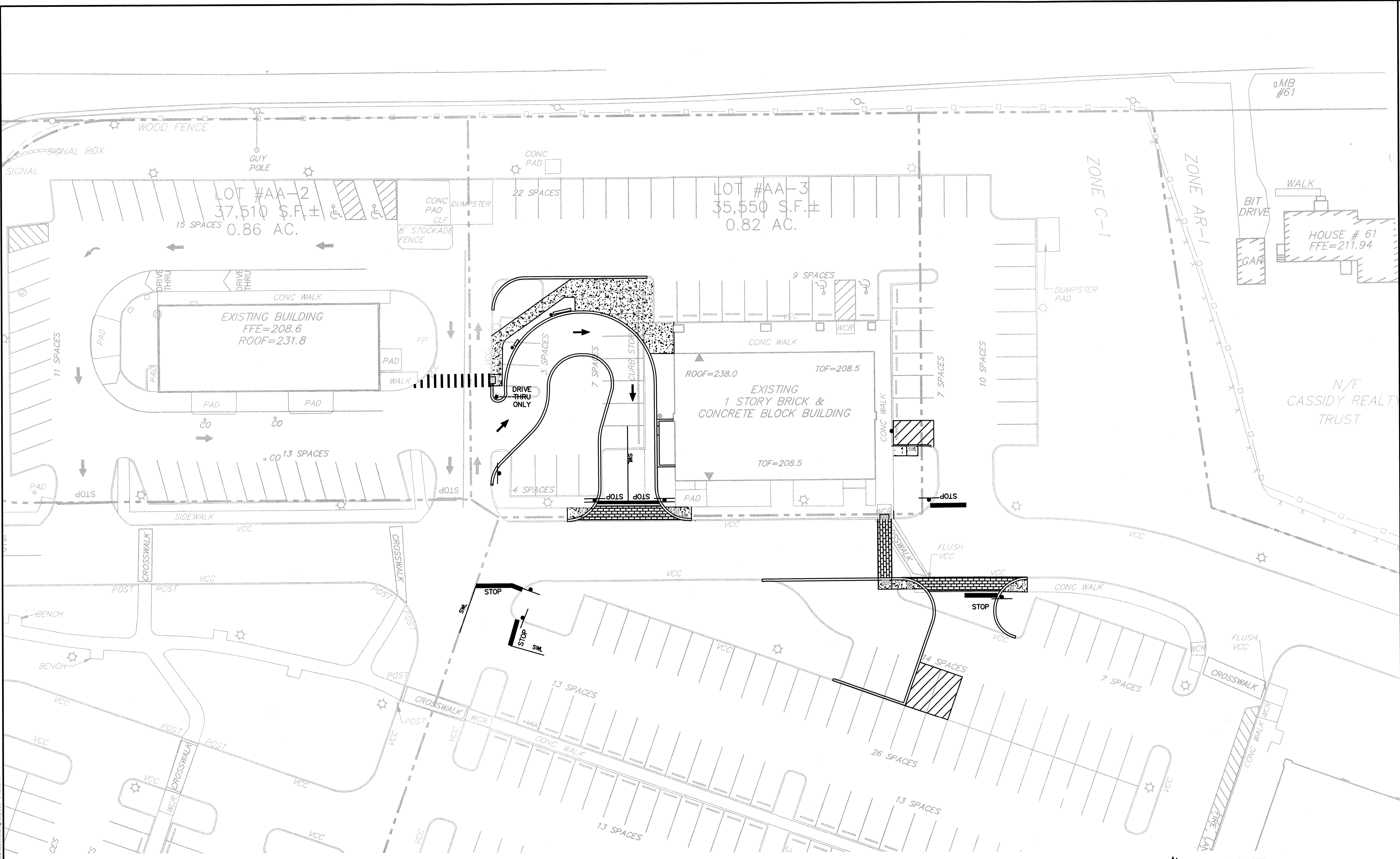
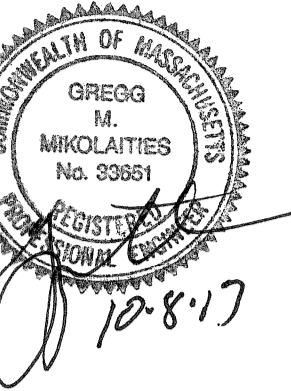
[Signature]

SIGNATURE

9-10-13 10-8-13

DATE OF APPROVAL DATE OF ENDORSEMENT

Oct 07, 2013 5:06pm Plotted By: cml
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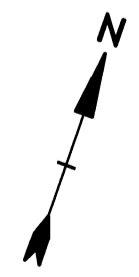
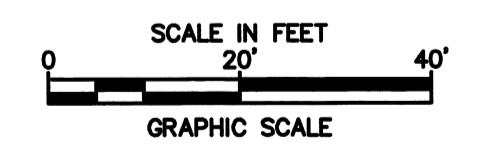
Medway Commons

Retail Development Site Plan Modification - Starbucks Coffee Drive-Thru

Medway, Massachusetts

MARCH 20, 2013

PLANNING AND ECONOMIC DEVELOPMENT BOARD ENDORSEMENT	
<i>[Signature]</i>	
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SIGNATURE	
DATE OF APPROVAL	9-10-13
DATE OF ENDORSEMENT	10-8-13

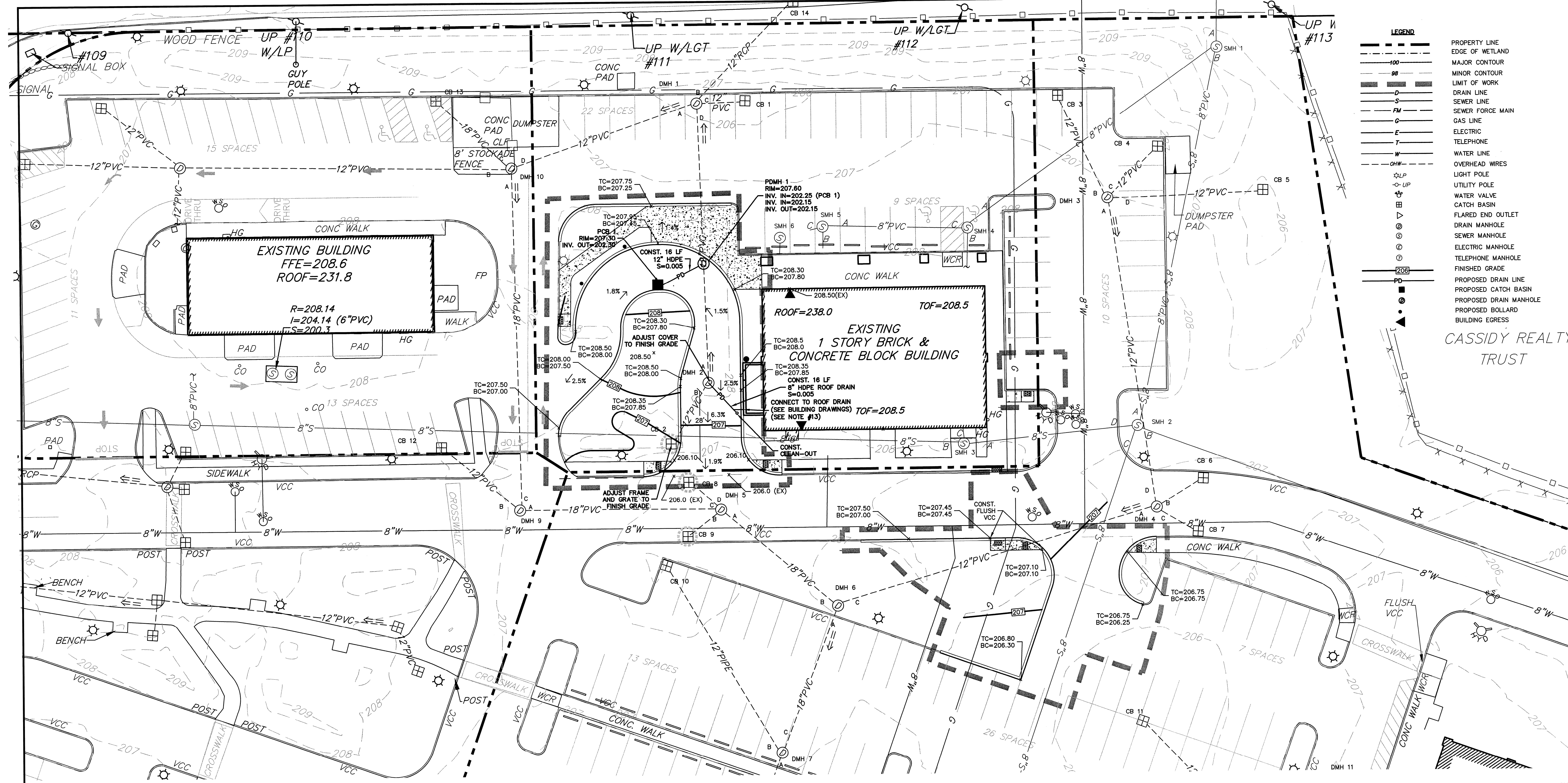
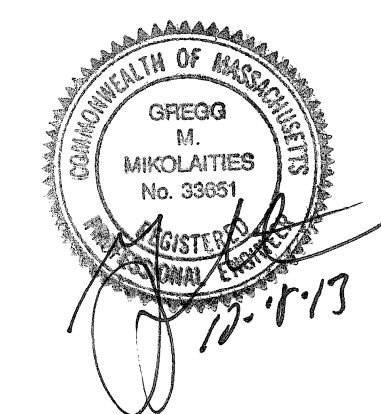


Mark	Date	Description
5.	10/8/13	FOR ENDORSEMENT
4.	9/26/13	FOR ENDORSEMENT
3.	7/22/13	REVISED PER REVIEW COMMENTS
2.	7/8/13	REVISED LAYOUT
1.	4/26/13	ISSUED TO PLANNING BOARD

PROJECT NO: C-0924
 FILE: C0924_SITE.dwg
 DRAWN BY: GWH
 CHECKED: JLV
 APPROVED BY: GMM

SITE PLAN OVERLAY
 SCALE: AS SHOWN
C-2A

Oct 07, 2013 5:09pm Plotted By: cml
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LEGEND

---	PROPERTY LINE
- - -	EDGE OF WETLAND
100	MAJOR CONTOUR
98	MINOR CONTOUR
---	LIMIT OF WORK
D	DRAIN LINE
S	SEWER LINE
FM	SEWER FORCE MAIN
G	GAS LINE
E	ELECTRIC
T	TELEPHONE
W	WATER LINE
OHW	OVERHEAD WIRES
SLP	LIGHT POLE
UP	UTILITY POLE
WV	WATER VALVE
CB	CATCH BASIN
FO	FLARED END OUTLET
DM	DRAIN MANHOLE
SM	SEWER MANHOLE
EM	ELECTRIC MANHOLE
TM	TELEPHONE MANHOLE
FG	FINISHED GRADE
PD	PROPOSED DRAIN LINE
PCB	PROPOSED CATCH BASIN
DD	PROPOSED DRAIN MANHOLE
BD	PROPOSED BOLLARD
EG	BUILDING EGRESS

CASSIDY REALTY TRUST

Medway Commons

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DRAWN BY:	GWH	
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GRADING, DRAINAGE AND UTILITIES PLAN

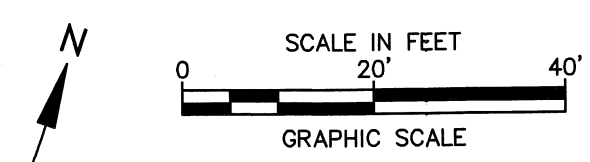
SCALE: AS SHOWN

GRADING AND DRAINAGE NOTES:

1. COMPACTION REQUIREMENTS:
 BELOW PAVED OR CONCRETE AREAS 95%
 TRENCH BEDDING MATERIAL AND SAND BLANKET BACKFILL 95%
 BELOW LOAM AND SEED AREAS 90%
 * ALL PERCENTAGES OF COMPACTION SHALL BE OF THE MAXIMUM DRY DENSITY AT THE OPTIMUM 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.
2. ALL STORM DRAINAGE PIPES SHALL BE HIGH DENSITY POLYETHYLENE (HANCOR HI-Q, ADS N-12 OR APPROVED EQUAL) OR RCP CLASS IV, UNLESS OTHERWISE SPECIFIED.
3. ADJUST ALL MANHOLES, CATCHBASINS, CURB BOXES, ETC. WITHIN LIMITS OF WORK TO FINISH GRADE.
4. CONTRACTOR SHALL PROVIDE A FINISH PAVEMENT SURFACE AND LAWN AREAS FREE OF LOW SPOTS AND PONDING AREAS. CRITICAL AREAS INCLUDE BUILDING ENTRANCES, EXITS, RAMPS AND LOADING DOCK AREAS ADJACENT TO THE BUILDING.
5. CONTRACTOR SHALL THOROUGHLY CLEAN ALL CATCHBASINS AND DRAIN LINES, WITHIN THE LIMIT OF WORK, OF SEDIMENT IMMEDIATELY UPON COMPLETION OF CONSTRUCTION.
6. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES.
7. ALL DISTURBED AREAS NOT TO BE PAVED OR OTHERWISE TREATED SHALL RECEIVE 6" LOAM, SEED FERTILIZER AND MULCH.
8. ALL STORM DRAIN CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, LATEST EDITION.
9. ALL PROPOSED CATCHBASINS SHALL BE EQUIPPED WITH OIL/GAS SEPARATOR HOODS AND 4" SUMP.
10. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM WITH APPLICABLE FEDERAL, STATE AND TOWN OF MEDWAY DEPARTMENT OF PUBLIC WORKS AND CONSTRUCTION SPECIFICATIONS, LATEST REVISIONS.
11. CONTRACTOR TO SUBMIT AS-BUILT PLANS ON REPRODUCIBLE MYLARS AND IN DIGITAL FORMAT (DWG FILE) ON DISK TO THE OWNER AND ENGINEER UPON COMPLETION OF THE PROJECT. AS-BUILTS SHALL BE PREPARED AND CERTIFIED BY A MASSACHUSETTS LICENSED LAND SURVEYOR OR PROFESSIONAL ENGINEER.
12. SEE EXISTING CONDITIONS PLAN FOR BENCH MARK INFORMATION.
13. EXISTING AND PROPOSED ROOF DRAIN LOCATIONS SHALL BE CONNECTED PRIOR TO ENTERING DRAINAGE SYSTEM.

EROSION CONTROL NOTES:

1. INSTALL EROSION CONTROL BARRIERS AS SHOWN AS FIRST ORDER OF WORK.
2. SEE GENERAL EROSION CONTROL NOTES ON DETAIL SHEETS.
3. PROVIDE INLET PROTECTION AROUND ALL EXISTING AND PROPOSED CATCHBASIN INLETS WITHIN THE WORK LIMITS. MAINTAIN FOR THE DURATION OF THE PROJECT UNTIL PAVEMENT HAS BEEN INSTALLED.
4. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
5. INSPECT INLET PROTECTION AND SILT FENCES DAILY 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.
6. ALL DISTURBED AREAS NOT TO BE PAVED OR OTHERWISE TREATED SHALL RECEIVE 6" LOAM, SEED, FERTILIZER AND MULCH.
7. CONSTRUCT EXCELSION MAT ON ALL SLOPES STEEPER THAN 3:1.
8. PRIOR TO ANY WORK OR SOIL DISTURBANCE COMMENCING ON THE SUBJECT PROPERTY, INCLUDING MOVING OF EARTH, THE APPLICANT SHALL INSTALL ALL EROSION AND SILTATION MITIGATION AND CONTROL MEASURES AS REQUIRED BY STATE AND LOCAL PERMITS AND APPROVALS.
9. CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE CONSTRUCTION PERIOD. DUST CONTROL MEASURES SHALL INCLUDE, BUT NOT LIMITED TO, SPRINKLING WATER ON UNSTABLE SOILS SUBJECT TO ARID CONDITIONS.
10. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL TEMPORARY EROSION CONTROL DEVICES UPON COMPLETION OF CONSTRUCTION.
11. ALL CATCHBASIN SUMPS AND PIPING SHALL BE THOROUGHLY CLEANED TO REMOVE ALL SEDIMENT AND DEBRIS AFTER THE PROJECT HAS BEEN PAVED.
12. TEMPORARY SOIL STOCKPILE SHALL BE SURROUNDED BY SILT FENCE AND SHALL BE STABILIZED BY TEMPORARY EROSION CONTROL SEEDING. STOCKPILE AREAS TO BE LOCATED AS FAR AS POSSIBLE FROM THE DELINEATED EDGE OF WETLAND.
13. SAFETY FENCING SHALL BE PROVIDED AROUND STOCKPILES OVER 10 FT.
14. CONCRETE TRUCKS WILL BE REQUIRED TO WASH OUT (IF NECESSARY) SHOOTS ONLY WITHIN AREAS WHERE CONCRETE HAS BEEN PLACED. NO OTHER WASH OUT WILL BE ALLOWED.



CONTRACTOR SHALL COORDINATE ELECTRIC SERVICE AND REQUIRED CONDUIT FOR PROPOSED SITE SIGNAGE RELATIVE TO MENU BOARD, CLEARANCE BAR AND DRIVE-THRU DIRECTIONAL SIGN WITH BUILDING DRAWINGS AND OWNER.

PLANNING AND ECONOMIC DEVELOPMENT BOARD ENDORSEMENT

[Signature]

DATE OF APPROVAL: 9-10-13

DATE OF ENDORSEMENT: 10-8-13

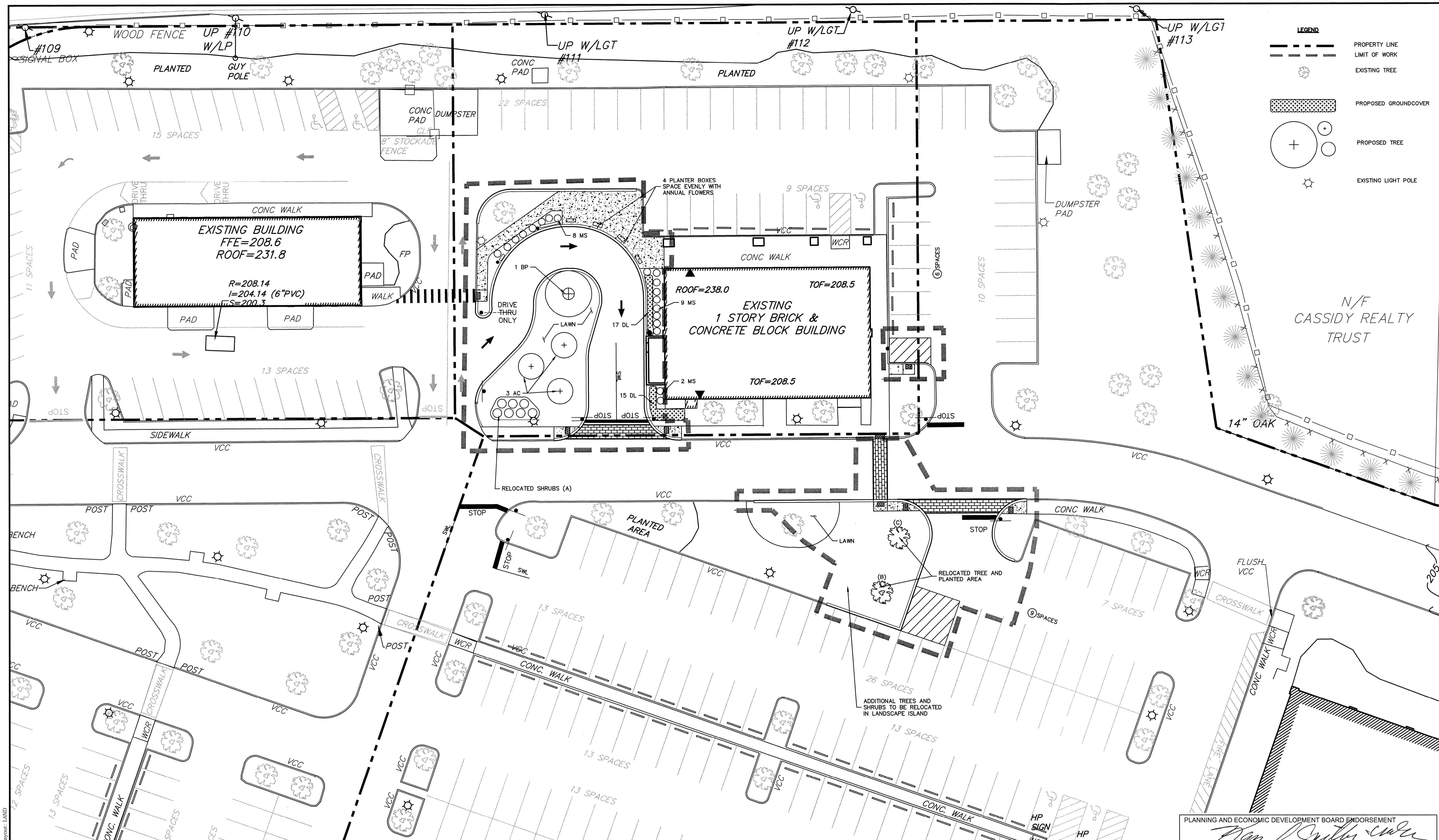
DRAINAGE STRUCTURE TABLE

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SEWER STRUCTURE TABLE

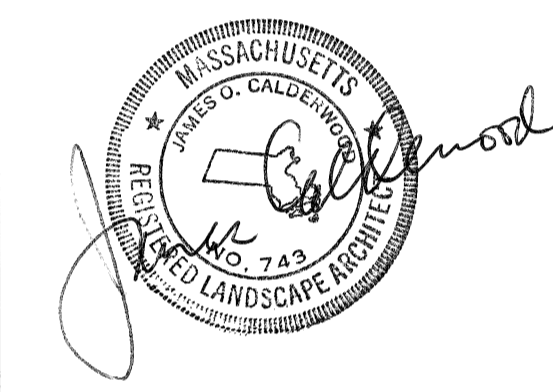
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LEGEND

- PROPERTY LINE
- LIMIT OF WORK
- EXISTING TREE
- PROPOSED GROUNDCOVER
- PROPOSED TREE
- EXISTING LIGHT POLE



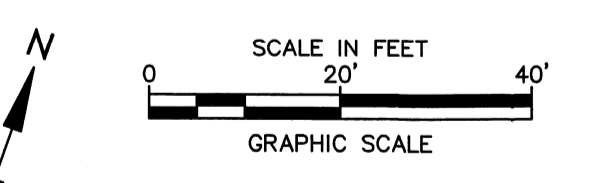
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Retail Development Site Plan Modification - Starbucks Coffee Drive-Thru

Medway, Massachusetts

- LANDSCAPE NOTES:**
1. THE CONTRACTOR SHALL FURNISH AND PLANT ALL PLANTS IN QUANTITIES AS SHOWN ON THIS PLAN. NO SUBSTITUTIONS WILL BE PERMITTED UNLESS APPROVED BY OWNER. ALL PLANTS SHALL BE NURSERY GROWN.
 2. ALL PLANTS SHALL BE NURSERY GROWN AND PLANTS AND WORKMANSHIP SHALL CONFORM TO THE AMERICAN ASSOCIATION OF NURSERYMEN STANDARDS, INCLUDING BUT NOT LIMITED TO SIZE, HEALTH, SHAPE, ETC., AND SHALL BE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO ARRIVAL ON-SITE AND AFTER PLANTING.
 3. PLANT STOCK SHALL BE GROWN WITHIN THE HARDINESS ZONES 4 THRU 7 ESTABLISHED BY THE PLANT HARDINESS ZONE MAP, MISCELLANEOUS PUBLICATIONS NO. 814, AGRICULTURAL RESEARCH SERVICE, UNITED STATES DEPARTMENT AGRICULTURE, LATEST REVISION.
 4. PLANT MATERIAL SHALL BARE THE SAME RELATIONSHIP TO FINISHED GRADE AS TO THE ORIGINAL PLANTING GRADE PRIOR TO DIGGING.
 5. THE NUMBER OF EACH INDIVIDUAL PLANT TYPE AND SIZE PROVIDED IN THE PLANT LIST OR ON THE PLAN IS FOR THE CONTRACTOR'S CONVENIENCE ONLY. IF A DISCREPANCY EXISTS BETWEEN THE NUMBER OF PLANTS ON THE LABEL AND THE NUMBER OF SYMBOLS SHOWN ON THE DRAWINGS, THE GREATER NUMBER SHALL APPLY.
 6. NO SUBSTITUTION OF PLANT MATERIALS WILL BE ALLOWED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE OWNER'S REPRESENTATIVE.
 7. THE CONTRACTOR SHALL LOCATE, VERIFY AND MARK ALL EXISTING AND NEWLY INSTALLED UNDERGROUND UTILITIES PRIOR TO ANY LAWN WORK OR PLANTING. ANY CONFLICTS WHICH MIGHT OCCUR BETWEEN PLANTING AND UTILITIES SHALL IMMEDIATELY BE REPORTED TO THE OWNER SO THAT ALTERNATE PLANTING LOCATIONS CAN BE DETERMINED.
 8. ALL DISTURBED AREAS NOT TO BE PAVED OR OTHERWISE TREATED, SHALL RECEIVE SIX (6) INCHES OF LOAM AND SEED. NO FILL SHALL BE PLACED IN ANY WETLAND AREA.
 9. THREE (3) INCH BARK MULCH IS TO BE USED AROUND THE TREE AND SHRUB PLANTING AS SPECIFIED IN THE DETAILS. WHERE BARK MULCH IS TO BE USED IN A CURBED ISLAND THE BARK MULCH SHALL MEET THE TOP INSIDE EDGE OF THE CURB. ALL OTHER AREAS SHALL RECEIVE SIX (6) INCHES OF LOAM AND SEED.
 10. SEE PLANTING DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
 11. TREE STAKES SHALL REMAIN IN PLACE FOR NO LESS THAN 6 MONTHS AND NO MORE THAN 1 YEAR.

12. PLANTING SHALL BE COMPLETED FROM APRIL 15TH THROUGH OCTOBER 1ST. NO PLANTING DURING JULY AND AUGUST UNLESS SPECIAL PROVISIONS ARE MADE FOR DROUGHT.
13. PARKING AREA PLANTED ISLANDS TO HAVE MINIMUM OF 1"-0" TOPSOIL PLACED TO WITHIN 3 INCHES OF THE TOP OF CURB ELEVATION. REMOVE ALL CONSTRUCTION DEBRIS BEFORE PLACING TOPSOIL.
14. TREES SHALL BE PRUNED IN ACCORDANCE WITH THE LATEST EDITION OF ANSI A300 "TREES, SHRUBS AND OTHER WOOD PLANT MAINTENANCE STANDARD PRACTICES."
15. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL BE WATERED WEEKLY, OR MORE OFTEN, IF NECESSARY DURING THE FIRST GROWING SEASON.
16. EXISTING TREES AND SHRUBS SHOWN ON THE PLAN ARE TO REMAIN UNDISTURBED. ALL EXISTING TREES AND SHRUBS SHOWN TO REMAIN ARE TO BE PROTECTED WITH A 4-FOOT SNOW FENCE PLACED AT THE DRIP LINE OF THE BRANCHES OR AT 8 FEET MINIMUM FROM THE TREE TRUNK. ANY EXISTING TREE OR SHRUB SHOWN TO REMAIN, WHICH IS REMOVED DURING CONSTRUCTION, SHALL BE REPLACED BY A TREE OF COMPARABLE SIZE AND SPECIES TREE OR SHRUB.
17. THE CONTRACTOR SHALL GUARANTEE ALL PLANTINGS TO BE IN GOOD HEALTHY, FLOURISHING AND ACCEPTABLE CONDITION FOR A PERIOD OF (1) YEAR BEGINNING AT THE DATE OF ACCEPTANCE OF SUBSTANTIAL COMPLETION. ALL GRASSES, TREES AND SHRUBS THAT, IN THE OPINION OF THE LANDSCAPE ARCHITECT, SHOW LESS THAN 80% HEALTHY GROWTH AT THE END OF ONE YEAR PERIOD SHALL BE REPLACED BY THE CONTRACTOR.
18. UPON EXPIRATION OF THE CONTRACTOR'S ONE YEAR GUARANTEE PERIOD, THE OWNER SHALL BE RESPONSIBLE FOR LANDSCAPE MAINTENANCE INCLUDING WATERING DURING PERIODS OF DROUGHT
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PLANTING AND LAWNS AGAINST DAMAGE FROM ONGOING CONSTRUCTION. THIS PROTECTION SHALL BEGIN AT THE TIME THE PLANT IS INSTALLED AND CONTINUE UNTIL THE FORMAL ACCEPTANCE OF ALL THE PLANTINGS.
20. PRE-PURCHASE PLANT MATERIAL AND ARRANGE FOR DELIVERY TO MEET PROJECT SCHEDULE AS REQUIRED IT MAY BE NECESSARY TO PRE-DIG CERTAIN SPECIES WELL IN ADVANCE OF ACTUAL PLANTING DATES.



PLANT SCHEDULE

TREES:	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
BP	BETULAPAPYRIFERA	WHITE BIRCH	2 1/2" - 3" CALIPER	B & B
AC	ABIES CONCOLOR	WHITE FIR	8-10" HT	B & B

GROUNDCOVERS AND PERENNIALS:	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
DL	HEMERCALLIS 'STELLA DORO'	STELLA DORO DAYLILY	#2	CONTAINER
MS	MISCANTHUS SINENSIS 'GRACILIMUS'	MAIDEN GRASS	#3	CONTAINER

PLANTING INCLUDING TREES AND SHRUBS WITHIN LIMITS TO BE DISTURBED SHALL BE RELOCATED WITHIN PROPOSED ISLANDS. FINAL LAYOUT TO BE PROVIDED BY LANDSCAPE ARCHITECT AT TIME OF PLANTINGS.

PLANNING AND ECONOMIC DEVELOPMENT BOARD ENDORSEMENT

[Signature]

SIGNATURE _____ DATE OF APPROVAL 9-10-13 DATE OF ENDORSEMENT 10-8-13

MARCH 20, 2013

7.	10/2/13	FOR ENDORSEMENT
6.	9/28/13	FOR ENDORSEMENT
5.	8/20/13	REVISED PER SAFETY COMMENTS
4.	7/22/13	REVISED PER REVIEW COMMENTS
3.	7/8/13	REVISED LAYOUT
2.	4/28/13	ISSUED TO PLANNING BOARD
1.	4/8/13	REVISED WALKS

Mark Date Description

PROJECT NO: C-0924
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PROJECT NAME AND LOCATION

MEDWAY COMMONS
RETAIL DEVELOPMENT
67 MAIN STREET
MEDWAY, MASSACHUSETTS

42°-09'N
71°-24'W

DESCRIPTION

THE PROJECT CONSISTS OF THE CONSTRUCTION OF A DRIVE THRU AND THE ASSOCIATED CHANGES TO PARKING, DRAINAGE, AND LANDSCAPE LAYOUTS. THE WORK IS ANTICIPATED TO START IN OCTOBER 2013 THROUGH NOVEMBER 2013.

DISTURBED AREA

THE TOTAL AREA TO BE DISTURBED IS APPROXIMATELY 0.95 ACRES.

SOIL CHARACTERISTICS

BASED ON THE USCS SOIL SURVEY FOR NORFOLK COUNTY THE SOILS CONSIST OF SANDS AND GRAVELS ARE WELL DRAINED.

SEQUENCE OF MAJOR ACTIVITIES

- 1. CUT AND CLEAR TREES AND BRUSH
- 2. 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:
 - NEW CONSTRUCTION
 - DEVELOPMENT OF BORROW PIT AREAS
 - DISPOSAL OF SEDIMENT SPOIL, STUMP AND OTHER SOLID WASTE
 - FLOOD PLAIN EXCAVATION WORK
 - STREAM CHANNEL MODIFICATIONS
 - CONTROL OF DUST
 - CONSTRUCTION OF ACCESS AND HAUL ROAD
 - NEARNESS OF CONSTRUCTION SITE TO RECEIVING WATERS
 - CONSTRUCTION DURING LATE WINTER AND EARLY SPRING
- 3. ALL PERMANENT DITCHES, SWALES, DETENTION, RETENTION AND SEDIMENTATION BASINS TO BE AS STABILIZED USING THE VEGETATIVE AND NON-STRUCTURAL BMPs PRIOR TO DIRECTING RUNOFF TO THEM.
- 4. CLEAR AND DISPOSE OF DEBRIS.
- 5. CONSTRUCT TEMPORARY CULVERTS AND DIVERSION CHANNELS AS REQUIRED.
- 6. GRADE AND GRAVEL ROADWAYS AND PARKING AREAS - ALL ROADS AND PARKING AREA SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 7. BEGIN PERMANENT AND TEMPORARY SEEDING AND MULCHING. ALL OUT AND FILL SLOPES SHALL BE SEEDED AND MULCHED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE.
- 8. DAILY, OR AS REQUIRED, CONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES, SEDIMENT TRAPS, ETC., MULCH AND SEED AS REQUIRED.
- 9. FINISH PAVING ALL ROADWAYS AND PARKING LOTS.
- 10. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES.
- 11. COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 12. REMOVE TRAPPED SEDIMENTS FROM COLLECTOR DEVICES AS APPROPRIATE AND THEN REMOVE TEMPORARY EROSION CONTROL MEASURES.

NOTE: THE CONSTRUCTION SEQUENCE MUST LIMIT THE DURATION AND AREA OF DISTURBANCE.

NAME OF RECEIVING WATERS

THE STORM WATER RUNOFF WILL BE INTERCEPTED BY THE EXISTING CLOSED DRAINAGE SYSTEM THAT EMPTIES INTO EXISTING DETENTION/RETENTION SYSTEMS. THE DETENTION SYSTEM EMPTIES INTO AN UNPAVED WETLAND.

EROSION AND SEDIMENT CONTROLS AND STABILIZATION PRACTICES

- A. STABILIZATION SHALL BE INITIATED ON ALL LOAM STOCKPILES AND DISTURBED AREAS WHERE CONSTRUCTION ACTIVITY WILL NOT OCCUR FOR MORE THAN TWENTY ONE (21) CALENDAR DAYS BY THE FOURTEENTH (14TH) DAY AFTER CONSTRUCTION ACTIVITY HAS PERMANENTLY OR TEMPORARILY CEASED IN THAT AREA. STABILIZATION MEASURES TO BE USED INCLUDE:
 - 1. TEMPORARY SEEDING
 - 2. MULCHING
 - B. DURING CONSTRUCTION, RUNOFF WILL BE DIVERTED AROUND THE SITE WITH EARTH DIKES, PIPING OR STABILIZED RUNOFF FROM THE SITE. EROSION CONTROL MEASURES SHALL BE FILTERED THROUGH HAYBALE BARRIERS AND SILT FENCES. ALL STORM DRAIN BASIN INLETS SHALL BE PROVIDED WITH FLARED END SECTIONS AND TRASH RACKS. THE SITE SHALL BE STABILIZED FOR THE WINTER BY NOVEMBER 15.
 - C. 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. A MINIMUM OF 3" OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED.
 - 4. EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
 - D. WINTER STABILIZATION PRACTICES:
 - 1. ALL PROPOSED POST-DEVELOPMENT VEGETATED AREAS WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATED GROWTH BY NOVEMBER 15TH, OR WHICH ARE DISTURBED AFTER NOVEMBER 15TH, SHALL BE STABILIZED AND SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 4:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURE WITH ANCHOR NETTING, ELSEWHERE.
 - 2. ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85% VEGETATIVE GROWTH BY OCTOBER 15TH, OR WHICH ARE DISTURBED AFTER OCTOBER 15TH, SHALL BE STABILIZED WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITION.
 - 3. AFTER NOVEMBER 15TH, INCOMPLETE ROAD OR PARKING SURFACES SHALL BE PROTECTED WITH A MINIMUM OF 3-INCHES OF CRUSHED GRAVEL OR IF CONSTRUCTION IS TO CONTINUE THROUGH THE WINTER SEASON BE CLEARED OF ANY ACCUMULATED SNOW AFTER EACH STORM EVENT.
- OFF SITE VEHICLE TRACKING**
- THE CONTRACTOR SHALL CONSTRUCT THE STABILIZED CONSTRUCTION ENTRANCE(S) PRIOR TO ANY EXCAVATION ACTIVITIES.
- INSTALLATION, MAINTENANCE AND INSPECTION PROCEDURES OF EROSION AND SEDIMENT CONTROLS**
- A. GENERAL
- 1. THESE ARE THE GENERAL INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO IMPLEMENT THE PLAN.
 - 2. ALL SWALES SHALL BE STABILIZED PRIOR TO DIRECTING FLOW TO THEM.
 - 3. THE SMALLEST PRACTICAL PORTION OF THE SITE WILL BE DENUDE AT ONE TIME, UNDER NO CIRCUMSTANCES SHALL MORE THAN 5.0 ACRES OF THE PROJECT SITE BE UNSTABILIZED AT ONE TIME.
 - 4. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT OF 1/4 INCH OR GREATER.
 - 5. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE MADE WITHIN 24 HOURS OF REPORT.
 - 6. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE OR HAYBALE BARRIERS WHEN IT HAS REACHED ONE THIRD THE HEIGHT OF THE FENCE OR BALE.
 - 7. ALL DIVERSION DIKES WILL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.
 - 8. TEMPORARY SEEDING AND PLANTING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND UNHEALTHY GROWTH.
 - 9. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION.
 - 10. A REPRESENTATIVE OF THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND MAINTENANCE REPORT.
 - 11. THE EROSION CONTROL PROCEDURES SHALL CONFORM TO THE "MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS" PREPARED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF RESOURCE PROTECTION.
 - A. ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES, AND CONDUITS, ETC., SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL CODES OR SPECIFICATIONS.
 - B. THE USE OF SAND FOR THE PURPOSE OF PEDESTRIAN SAFETY AND SAFE DRIVING CONDITION SHALL BE MINIMIZED.
 - C. THE OWNER SHALL CLEAN ALL CATCH BASINS, DRAIN MANHOLES AND SWEEP THE PARKING LOT ON AN ANNUAL BASIS.
- B. FILTERX SILT SOXX
- 1. APPLICATION
 - A. FILTERX SILT SOXX ARE TO BE INSTALLED DOWN SLOPE OF ANY DISTURBED AREA REQUIRING EROSION AND SEDIMENT CONTROL AND FILTRATION OF SLURRY SEDIMENTS FROM RUNOFF. SILT SOXX ARE EFFECTIVE WHEN INSTALLED PERPENDICULAR TO SHEET OR LOW CONCENTRATED FLOW.
 - 2. INSTALLATION DETAILS
 - A. SILT SOXX USED FOR PERIMETER CONTROL OF SEDIMENT AND SOLUBLE METALS IN STORM RUNOFF SHALL MEET FILTERX SILT SOXX MATERIAL SPECIFICATIONS AND USE CERTIFIED FILTERX FILTER MEDIA.
 - B. CONTRACTOR IS REQUIRED TO BE FILTERX CERTIFIED AS DETERMINED BY FILTERX INTERNATIONAL, LLC. CERTIFICATION SHALL BE CONSIDERED CURRENT IF APPROPRIATE IDENTIFICATION IS SHOWN DURING TIME OF BID OR AT TIME OF APPLICATION. LOOK FOR THE FILTERX CERTIFIED SEAL.
 - C. SILT SOXX WILL BE PLACED AT LOCATIONS INDICATED ON PLANS AS DIRECTED BY THE ENGINEER.
 - D. SILT SOXX SHOULD BE INSTALLED PARALLEL TO THE BASE OF THE SLOPE OR SILT SOXX SHALL BE CONSTRUCTED AT THE TOP OF THE SLOPE.
 - E. STAKES SHALL BE INSTALLED THROUGH THE MIDDLE OF THE SILT SOXX ON 10 FT CENTERLINE WITHIN 2 INCH BY 2 INCH BY 3 FEET WOODEN STAKES. IN THE EVENT STAKING IS NOT POSSIBLE, I.E., WHEN SILT SOXX ARE USED ON PAVEMENT, HEAVY CONCRETE BLOCKS SHALL BE USED BEHIND THE SILT SOXX TO HELP STABILIZE DURING RAINFALL/RUNOFF EVENTS.
 - F. STAKING DEPTH FOR SAND AND SILT LOAM SOILS SHALL BE 12 INCHES, AND 8 INCHES FOR CLAY SOILS.
 - G. LOOSE COMPOST WILL BE BACKFILLED ABOVE THE UPSLOPE SIDE OF THE SILT SOXX, FILLING THE SEAM BETWEEN THE SOIL SURFACE AND THE DEVICE, IMPROVING FILTRATION AND SEDIMENT RETENTION.
 - H. IF THE SILT SOXX IS TO BE LEFT AS A PERMANENT FILTER OR PART OF THE NATURAL LANDSCAPE, IT MAY BE SEEDED AT TIME OF INSTALLATION FOR ESTABLISHMENT OF PERMANENT VEGETATION.
 - I. FILTERX SILT SOXX ARE NOT TO BE USED IN PERENNIAL, EPHEMERAL, OR INTERMITTENT STREAMS.
 - J. SEE DETAIL FOR CORRECT FILTERX SILT SOXX INSTALLATION.

- 2. SEQUENCE OF INSTALLATION
SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF THE CONTRIBUTING DRAINAGE AREA ABOVE THEM.
- 3. MAINTENANCE
 - A. SILT SOCK BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. THEY SHALL BE REPAIRED IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THE BARRIERS. REPAIRS SHALL BE MADE IMMEDIATELY IF THERE ARE ANY SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES, OR IMPONDING OF LARGE VOLUMES OF WATER BEHIND THEM. SEDIMENT BARRIERS SHALL BE REPLACED WITH A TEMPORARY CHECK DAM.
 - B. SHOULD THE FABRIC ON A SILT SOCK DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL IS NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
 - C. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-THIRD (1/3) THE HEIGHT OF THE BARRIER.
 - D. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT SOCK IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDING.
- C. MULCHING
 - 1. TIMING
 - A. IN ORDER FOR MULCH TO BE EFFECTIVE, IT MUST BE IN PLACE PRIOR TO MAJOR STORM EVENTS. THERE ARE TWO (2) TYPES OF STANDARDS WHICH SHALL BE USED TO ASSURE THIS:
 - A. APPLY MULCH PRIOR TO ANY STORM EVENT. IT WILL BE NECESSARY TO CLOSELY MONITOR WEATHER PREDICTIONS, USUALLY BY CONTACTING THE NATIONAL WEATHER SERVICE IN CONCORD, TO HAVE ADEQUATE WARNING OF SIGNIFICANT STORMS.
 - B. REQUIRED MULCHING WITHIN A SPECIFIED TIME PERIOD, THE TIME PERIOD CAN RANGE FROM 14 TO 21 DAYS OF INACTIVITY ON A AREA, THE LENGTH OF TIME VARYING WITH SITE CONDITIONS. PROFESSIONAL JUDGMENT SHALL BE USED TO EVALUATE THE INTERSECTION OF SITE CONDITIONS (SOILERABILITY, SEASON OF YEAR, EXTENT OF DISTURBANCE, PROXIMITY TO SENSITIVE RESOURCES, ETC.) AND THE POTENTIAL IMPACT OF EROSION ON ADJACENT AREAS TO CHOOSE AN APPROPRIATE TIME RESTRICTION.
 - 2. APPLICATION RATE
 - A. MULCH SHALL BE APPLIED AT A RATE OF BETWEEN 1.5 TO 2 TONS PER ACRE, OR 90 TO 100 POUNDS PER 1000 SQUARE FEET. THE MINIMUM MULCH REQUIREMENT, REGARDLESS OF APPLICATION RATE IS THAT SOIL MUST NOT BE VISIBLE.
 - 3. WHEN MULCH IS APPLIED TO PROVIDE PROTECTION OVER WINTER (PAST THE GROWING SEASON) IT SHALL BE AT A RATE OF 6,000 POUNDS OF HAY OR STRAW PER ACRE. A TACKIFIER MAY BE ADDED TO THE MULCH. NO MULCH IS TO BE APPLIED OVER MORE THAN TWO (2) INCHES OF SNOW IF SNOW DEPTH IS GREATER THAN TWO (2) INCHES IT SHALL BE REMOVED BEFORE MULCHING.
 - 4. MAINTENANCE
 - A. ALL MULCHES MUST BE INSPECTED PERIODICALLY, IN PARTICULAR AFTER RAINSTORMS, TO CHECK FOR RILL EROSION. IF LESS THAN 90% OF THE SOIL SURFACE IS COVERED BY MULCH, ADDITIONAL MULCH SHALL BE IMMEDIATELY APPLIED.
 - B. EXCESSOR MATTING SHALL BE USED IN PLACE OF MULCH ON ALL SLOPES STEEPER THAN 3:1.
 - 5. SLOPES
 - A. SLOPES GREATER THAN 15% DURING THE REGULAR CONSTRUCTION SEASON ARE TO HAVE NETTING OVER MULCH COMBINATION EROSION CONTROL MAT USED (MULCH AND NET). THIS APPLIES TO ALL SLOPES GREATER THAN 8% AFTER OCTOBER 1. MULCHING IS REQUIRED OVER HYDROSEEDING.
 - 6. TEMPORARY GRASS COVER
 - 1. SEEDBED PREPARATION
 - A. 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
 - A. UTILIZE ANNUAL RYE GRASS AT A RATE OF 40 LBS/ACRE.
 - B. WHERE THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS, LOOSEN SOIL TO A DEPTH OF TWO (2) INCHES BEFORE APPLYING FERTILIZER, LIME AND SEED.
 - C. APPLY SEED UNIFORMLY BY HAND, CYCLONE SEEDER, OR HYDROSEEDER (SLURRY INCLUDING SEED AND FERTILIZER). HYDROSEEDINGS, WHICH INCLUDE MULCH, MAY BE LEFT ON SOIL SURFACE. SEEDING RATES MUST BE INCREASED 10% WHEN HYDROSEEDING.
 - 2. MAINTENANCE
 - A. TEMPORARY SEEDINGS 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.).
- E. PERMANENT MULCHING
 - 1. TIMING
 - A. APPLYING PLANT RESIDUES OR OTHER SUITABLE MATERIALS THAT RESIST DECOMPOSITION SUCH AS WOOD CHIPS OR CRUSHED STONE TO THE SOIL SURFACE WHERE VEGETATION STABILIZATION IS EITHER IMPRACTICAL OR DIFFICULT TO ESTABLISH.
 - 2. CONSIDERATIONS
 - A. PERMANENT MULCHING SHALL BE USED TO STABILIZE CHRONIC EROSION AREAS WHICH RECEIVE HEAVY FOOT OR VEHICLE TRAFFIC, NOT INTENDED FOR AREAS OF CONCENTRATED FLOWS.
 - B. IF WOOD CHIPS ARE USED IN LANDSCAPED AREAS (TREES & SHRUBS), A SUPPLEMENTAL APPLICATION OF CHEMICAL FERTILIZER SHOULD BE APPLIED AT A RATE OF TWO POUNDS OF 5-10-5 PER 100 SQUARE FEET OF MULCH.
 - C. IF CRUSHED STONE IS USED, A PLASTIC FILTER CLOTH SHALL BE PLACED BETWEEN THE GROUND AND THE STONE.
 - 3. SPECIFICATIONS
 - A. WOOD CHIPS OR AGGREGATE SHALL BE USED ON SLOPES NO STEEPER THAN 3 HORIZONTALLY ON 1 VERTICALLY.
 - B. PERMANENT MULCH SHALL BE 3 INCHES OR MORE IN DEPTH.
 - C. WOOD CHIPS SHALL BE APPLIED AT A RATE OF 500-900 POUNDS PER 1,000 SQUARE FEET OR 10-20 TONS PER ACRE. WOOD CHIPS SHALL BE GREEN OR AIR-DRIED AND FREE OF OBJECTIONABLE COARSE MATERIALS.
 - D. AGGREGATE COVER (GRAVEL, CRUSHED STONE OR SLAG) SHALL BE WASHED, 1/4 INCH TO 2 1/2 INCHES AND APPLIED AT A RATE OF 9 CUBIC YARDS PER 1,000 SQUARE FEET.
 - 4. MAINTENANCE
 - A. WOOD CHIPS SHALL BE MONITORED FOR DECOMPOSITION AND NEW APPLICATIONS MADE.
 - B. CRUSHED STONE SHALL BE MONITORED FOR WASH OUT AND SLOPING DOWN SLOPE. IF EITHER OCCUR, NEW MATERIAL SHALL BE PROVIDED ON THE BARREN AREAS.
- F. VEGETATIVE PRACTICE
 - 1. FOR PERMANENT MEASURES AND PLANTINGS.
 - A. LIMESTONE SHALL BE THOROUGHLY INCORPORATED INTO THE LOAM LAYER AT A RATE OF 3 TONS PER ACRE IN ORDER TO PROVIDE A PH VALUE OF 5.5 TO 6.5.
 - B. 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.
 - C. SOIL CONDITIONERS AND FERTILIZER SHALL BE APPLIED AT THE RECOMMENDED RATES AND SHALL BE THOROUGHLY WORKED INTO THE LOAM. LOAM SHALL BE RAKED 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 POUNDS AND 5- 1/2 POUNDS PER INCH OF WIDTH.
 - D. SEED SHALL BE SOWN AT THE RATE SHOWN BELOW. SOWING 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 RAKED, 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 RAKED 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.
 - E. HAY MULCH SHALL BE APPLIED IMMEDIATELY AFTER SEEDING AS INDICATED ABOVE.
 - F. THE SURFACE 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 RESEEDED, AND ALL NOXIOUS WEEDS REMOVED.
 - G. THE CONTRACTOR SHALL PROTECT AND MAINTAIN THE SEEDING AREAS UNTIL A GRASS SEED MIXTURE CONTAINING THE FOLLOWING SEED REQUIREMENTS SHALL BE APPLIED AT THE INDICATED RATE:
 - SEEDING RATE
 - CREeping RED FESCUE 50 LBS/ACRE
 - TALL FESCUE 100 LBS/ACRE
 - REDTOP 50 LBS/ACRE
 - H. IN NO CASE SHALL THE WEED CONTENT EXCEED 1 PERCENT BY WEIGHT. ALL SEED SHALL COMPLY WITH STATE AND FEDERAL SEED STANDARDS. IN THE EVENT NO LATER THAN SEPTEMBER 15, IN NO CASE SHALL SEEDING TAKE PLACE OVER SNOW.
- 2. DORMANT SEEDING (SEPTEMBER 15 TO FIRST SNOWFALL)
 - A. FOLLOW PERMANENT MEASURES SLOPE, LIME, FERTILIZER AND GRADING REQUIREMENTS. APPLY SEED MIXTURE AT TWICE THE INDICATED RATE. APPLY MULCH AS INDICATED FOR PERMANENT MEASURES.

- H. STORM DRAIN INLET PROTECTION
 - 1. STRAW/HAY BALE INLET STRUCTURE
 - A. BALES SHALL BE EITHER WIRE BOUND OR STRING TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.
 - B. BALES SHALL BE PLACED LENGTHWISE IN A SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRECISELY TOUCHED TOGETHER.
 - C. THE FILTER FABRIC SHALL BE STRENGTHENED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED AROUND THE INLET THE WIDTH OF BALE TO A MINIMUM DEPTH OF FOUR (4) INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED TO SUPPORT THE FILTER BARRIER.
 - D. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO (2) STAKES OR REBARS DRIVEN THROUGH THE BALE.
 - E. LOOSE STRAW/HAY SHALL BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.
 - F. ALL STRUCTURES SHOULD BE INSPECTED AFTER EVERY RAINSTORM AND REPAIRS MADE AS NECESSARY.
 - G. SEDIMENT SHOULD BE REMOVED FROM THE DEVICES AFTER THE SEDIMENT HAS REACHED A DEPTH OF ONE-THIRD THE DEPTH OF THE TRAP.
 - H. HAYBALES SHOULD BE REMOVED AND THE AREA REPAIRED AS SOON AS THE CONTRIBUTING DRAINAGE AREA TO THE INLET HAS BEEN COMPLETELY STABILIZED.
 - 2. BLOCK AND GROUT INLET PROTECTION
 - A. PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDE IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT OF THE BARRIER CAN BE VARYED, DEPENDING ON DESIGN NEEDS, BU STACKING COMBINATIONS OF 4-INCH, 8-INCH AND 12-INCH WIDE BLOCKS. THE BARRIER OF BLOCKS SHALL BE AT LEAST 12 INCHES HIGH AND NO GREATER THAN 24 INCHES HIGH.
 - B. WIRE MESH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (WEBBING) OF THE CONCRETE BLOCKS TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED.
 - C. STONE SHALL BE PILED AGAINST THE WIRE TO BE THE TOP OF THE BLOCK BARRIER, AS SHOWN IN FIGURE 16.7. STONE GRADATION SHALL BE WELL GRADED WITH THE MAXIMUM STONE SIZE OF 6 INCHES AND MINIMUM STONE SIZE OF 1 INCH.
 - D. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE BLOCKS, CLEANED AND REPLACE.
- I. STABILIZED CONSTRUCTION ENTRANCE
 - 1. SPECIFICATIONS
 - A. AGGREGATE SIZE: USE TWO (2) INCHES STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
 - B. AGGREGATE THICKNESS: NOT LESS THAN SIX (6) INCHES.
 - C. WIDTH: TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH OF POINTS WHERE INGRESS OR EGRESS OCCURS.
 - D. LENGTH: AS REQUIRED, BUT NOT LESS THAN FIFTY (50) FEET
 - E. GEOTEXTILE: TO BE FT PROTECTOR THE ENTIRE AREA TO BE COVERED WITH AGGREGATE. PIPING OF SURFACE WATER UNDER ENTRANCE SHALL BE PROVIDED AS REQUIRED.
 - F. CRITERIA FOR GEOTEXTILE: THE FABRICS SHALL BE TREVIA SPUNBOND 1135, MIRAFI 600X OR EQUAL.
 - 2. MAINTENANCE
 - A. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH APPROVED WINTER APPROPRIATE TRAPPING DEVICE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING STORM DRAINS, DITCHES OR WATERWAYS.

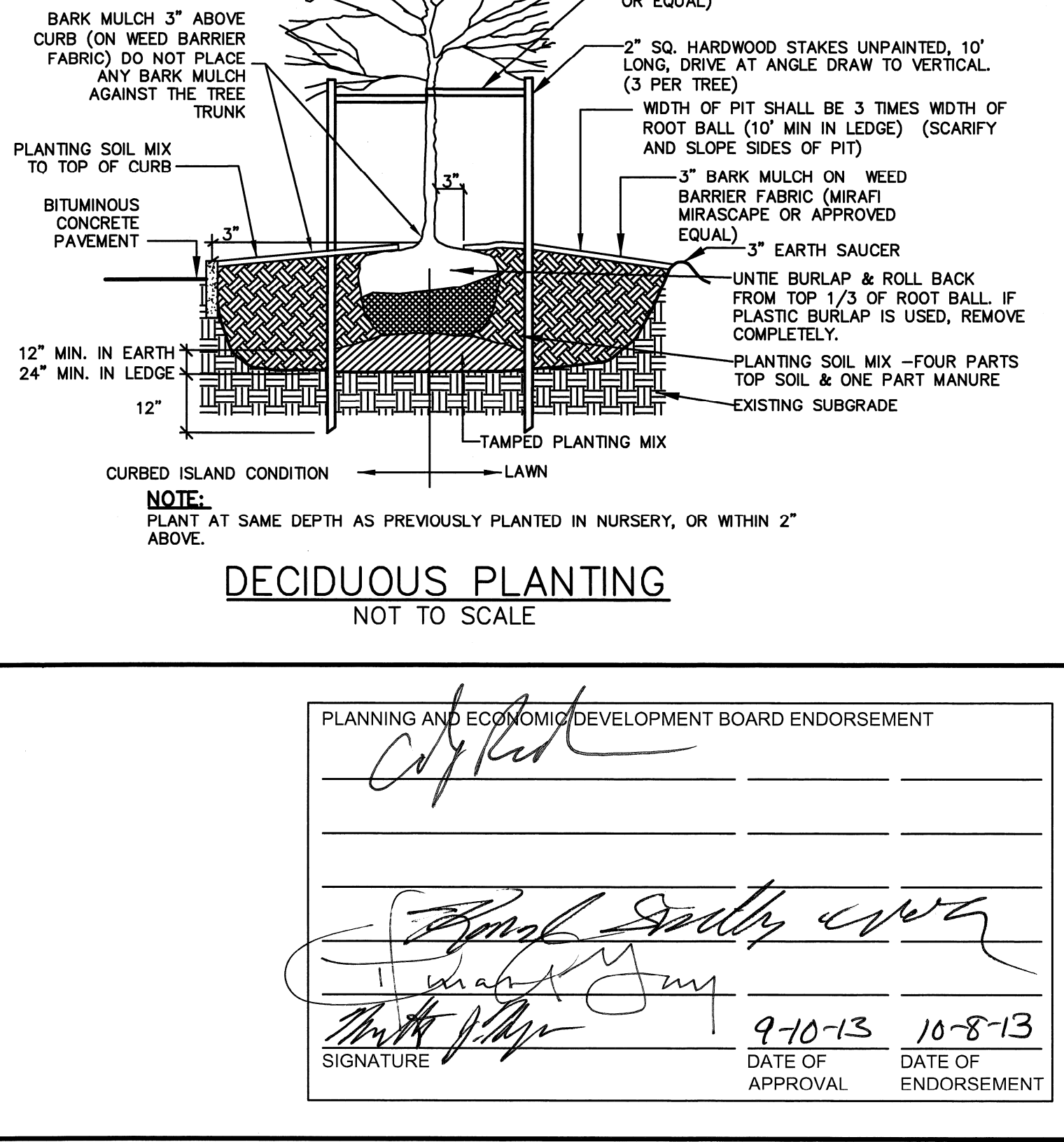
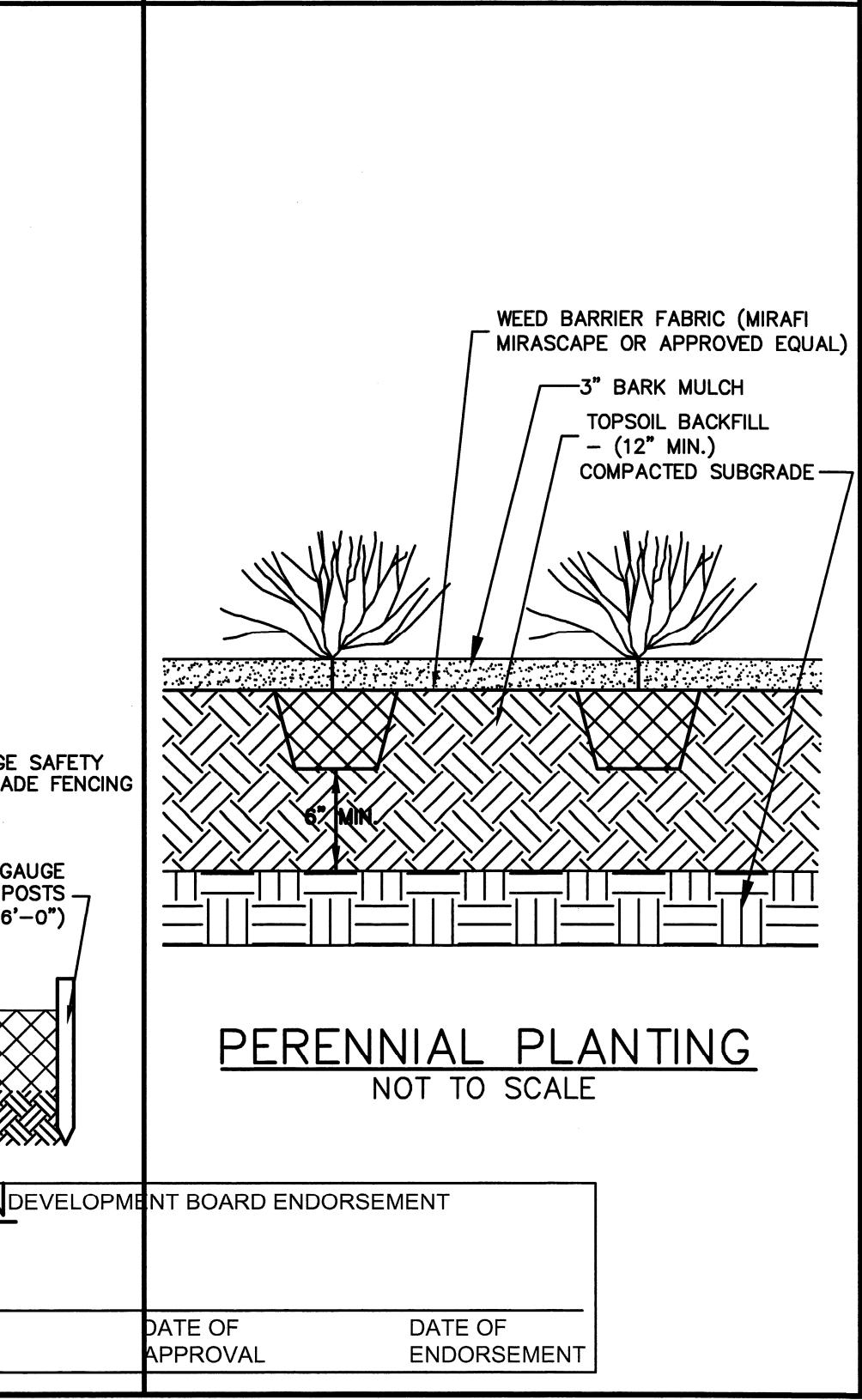
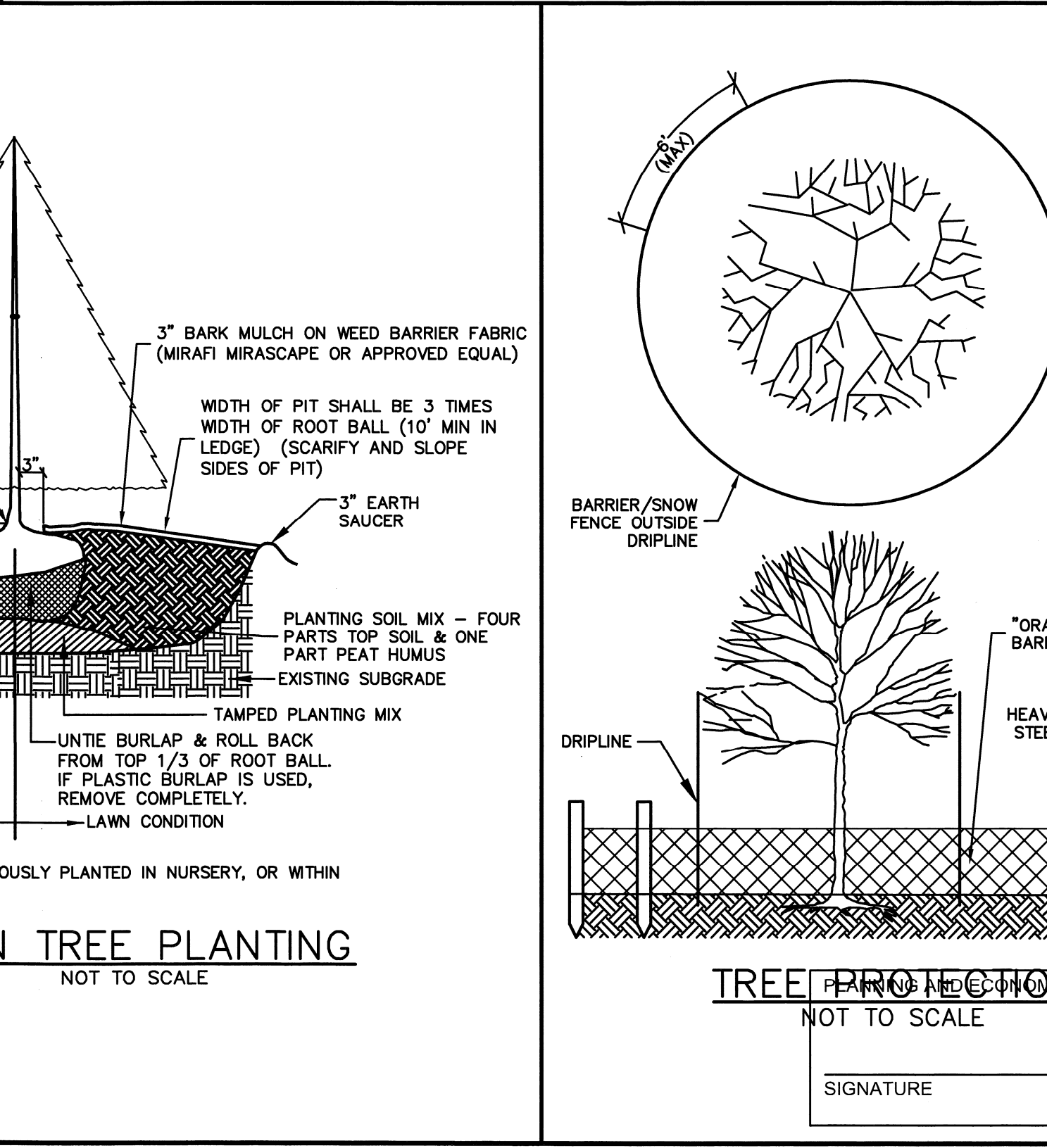
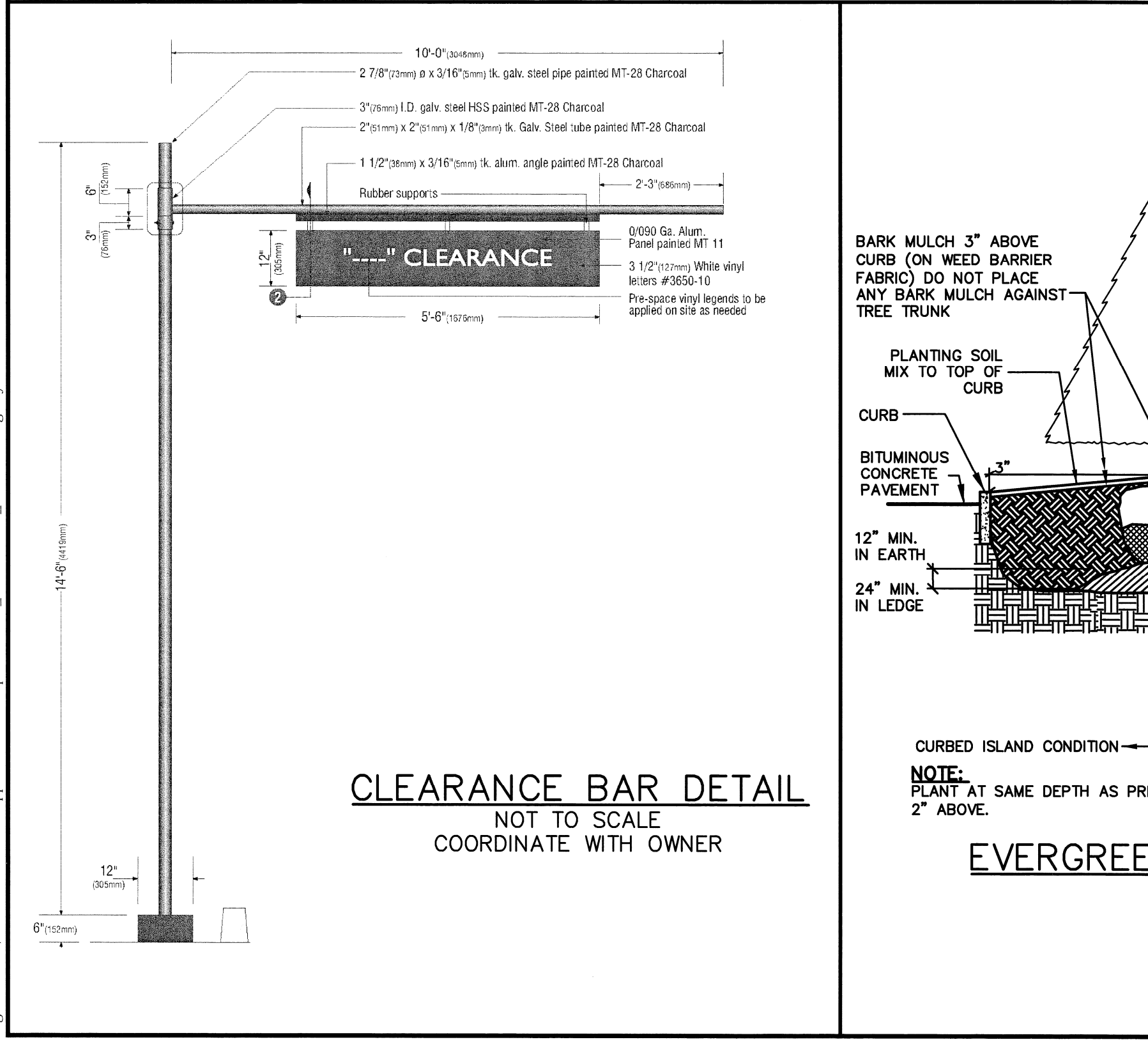
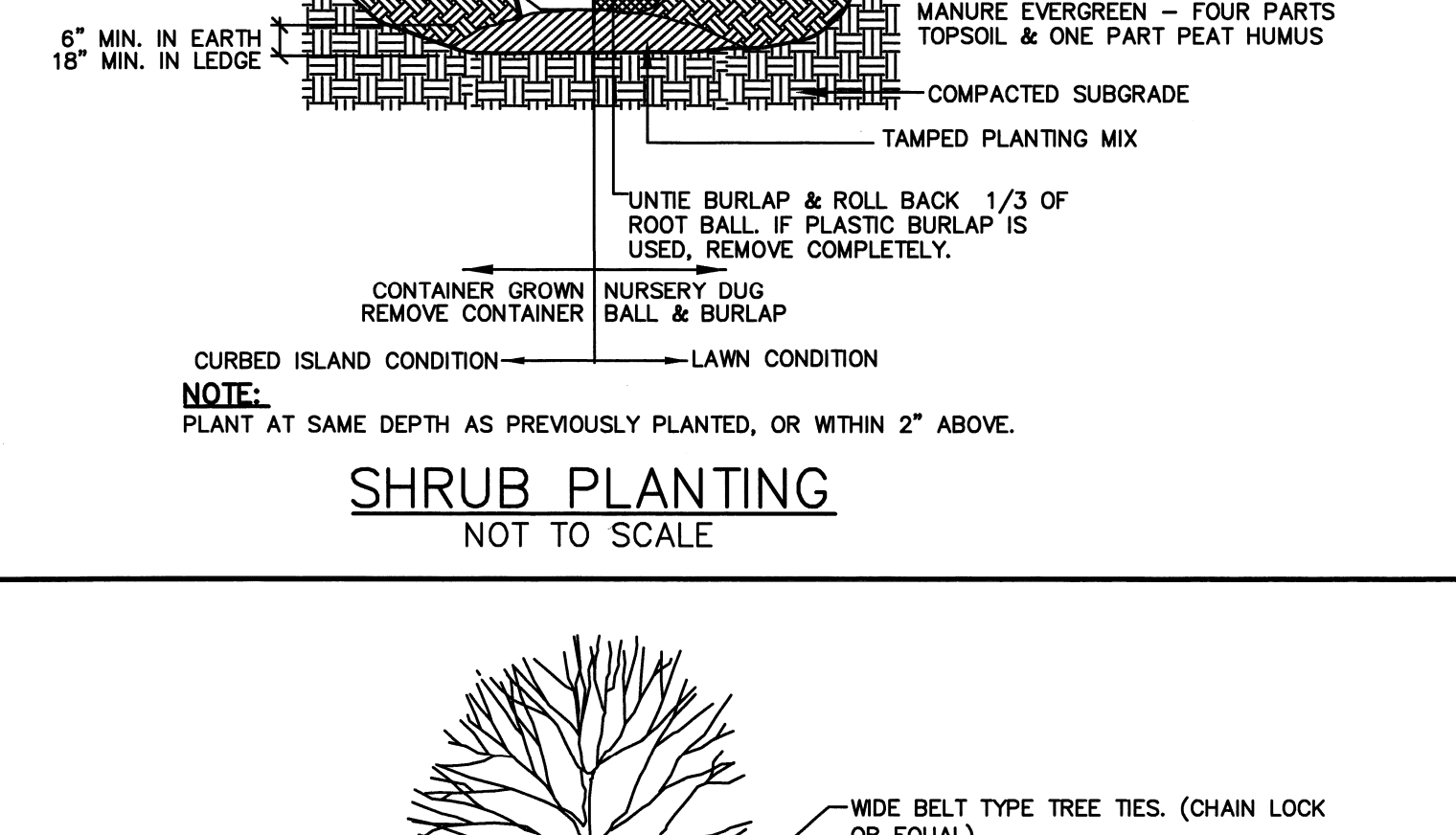
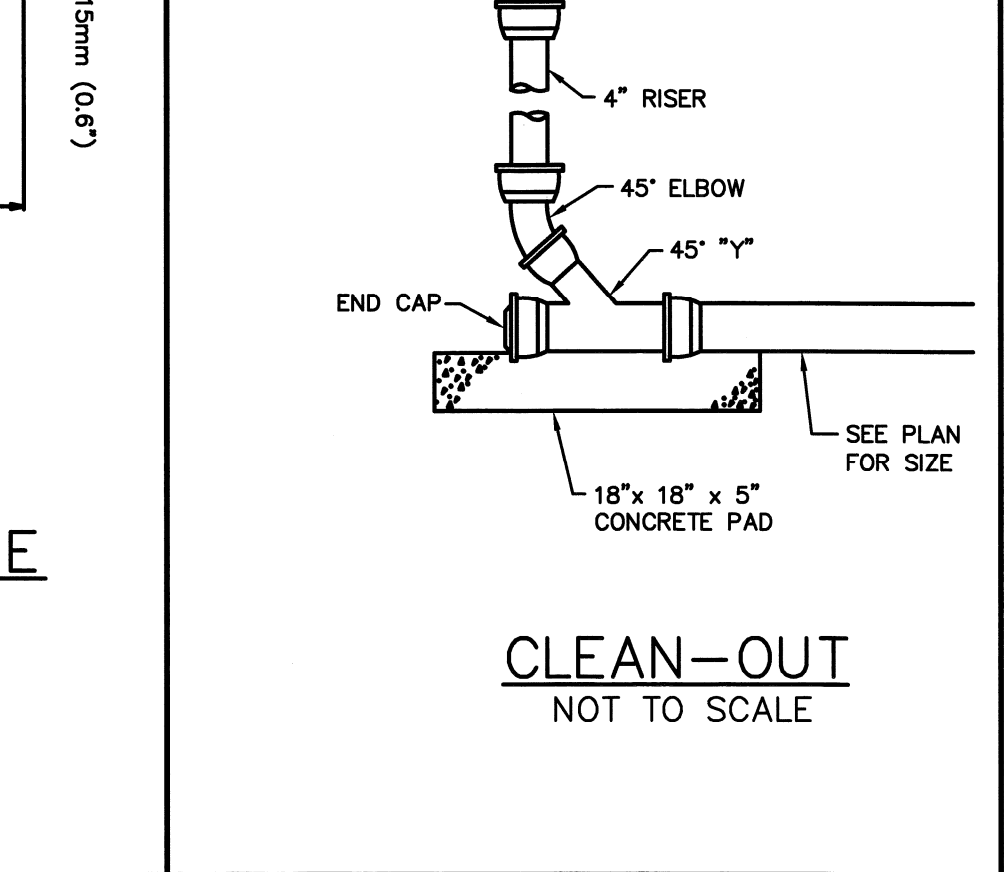
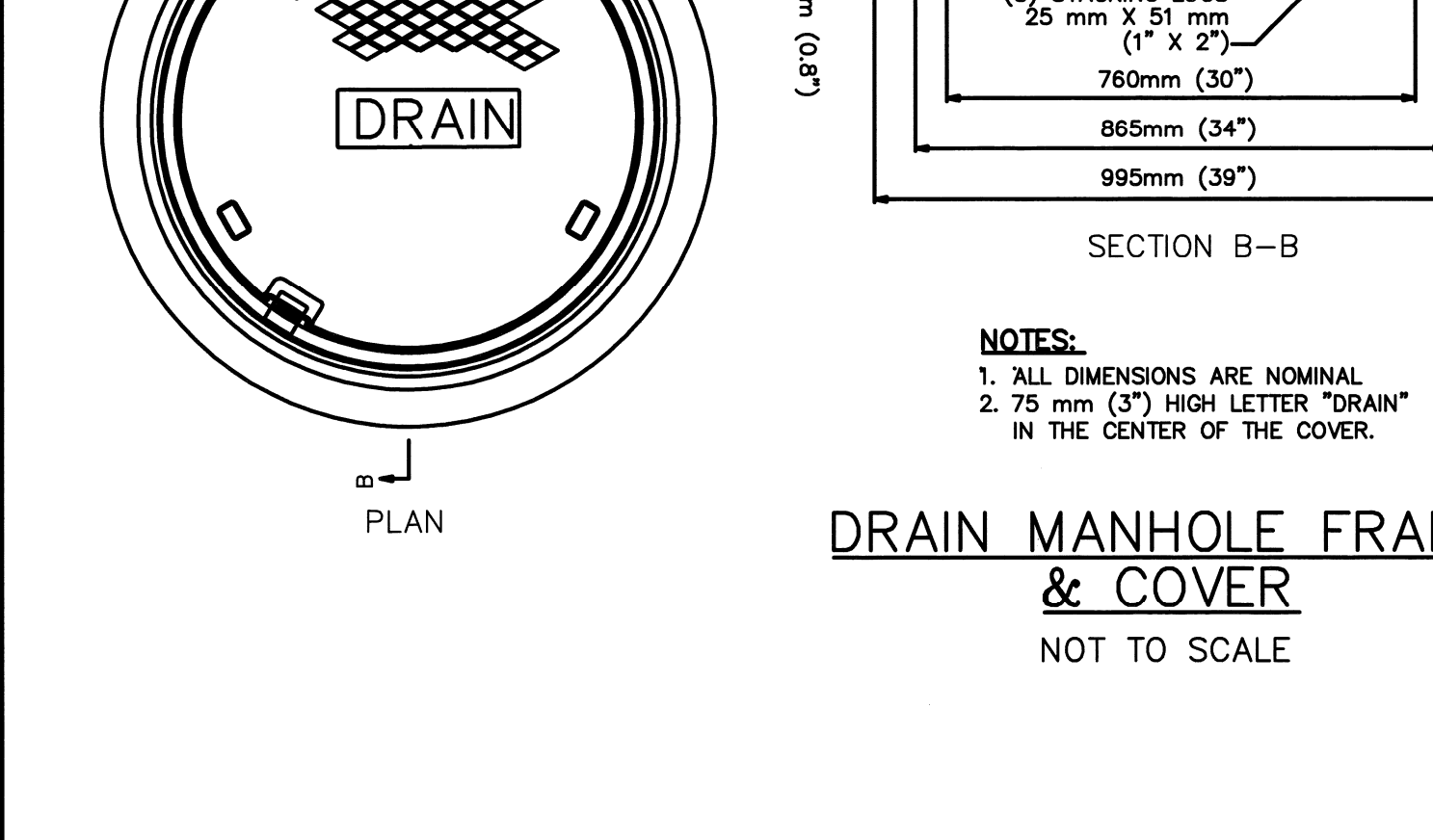
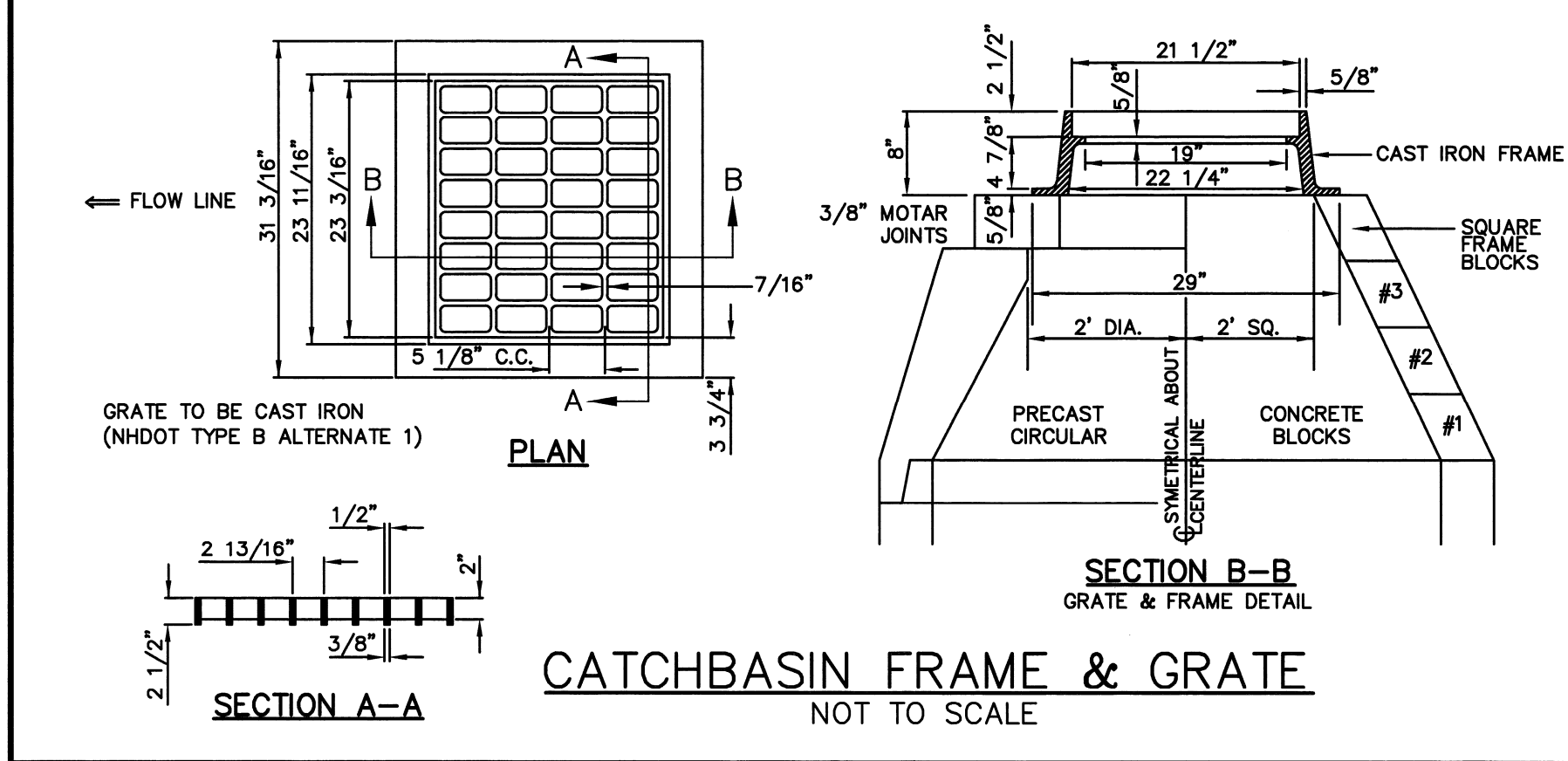
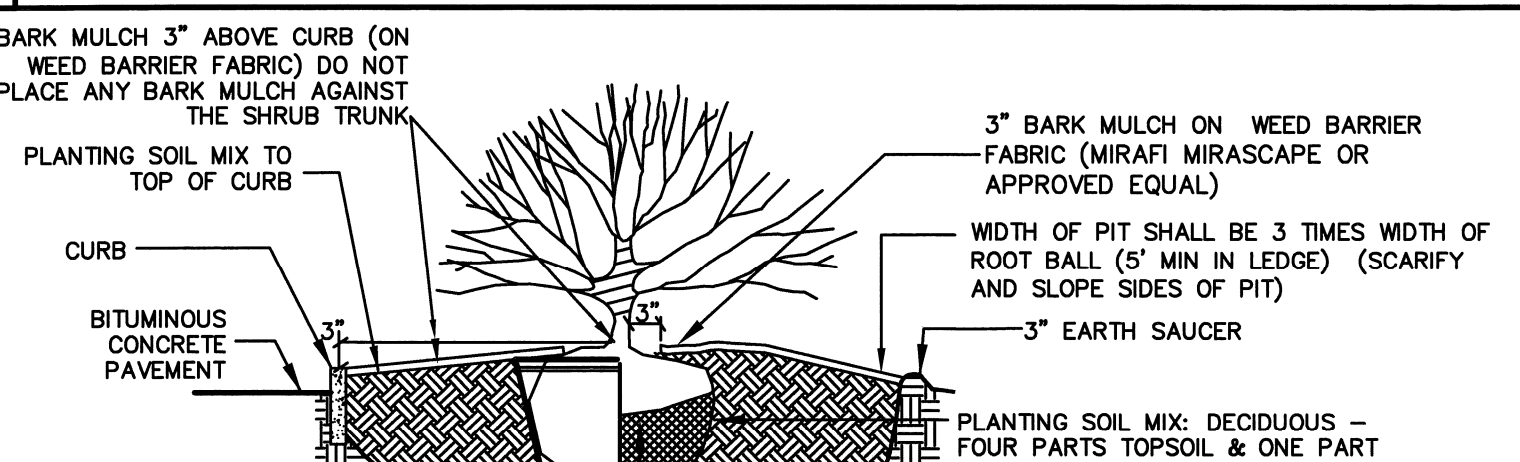
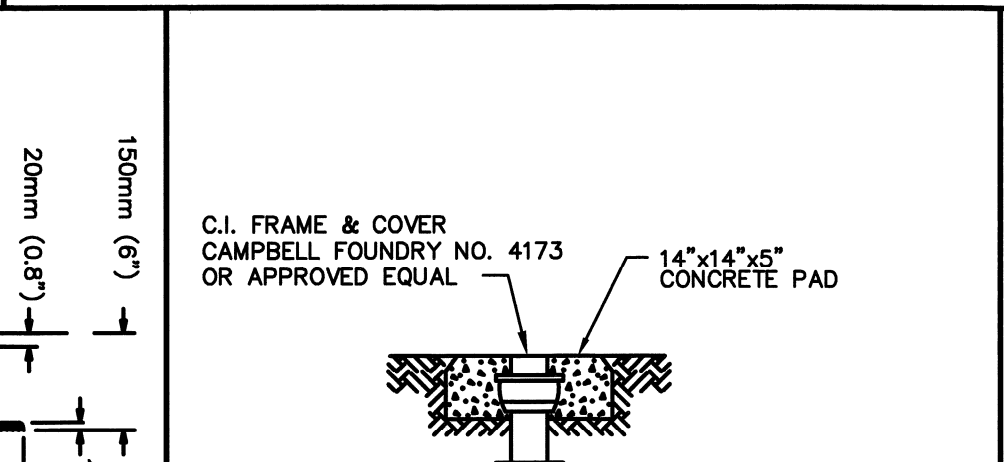
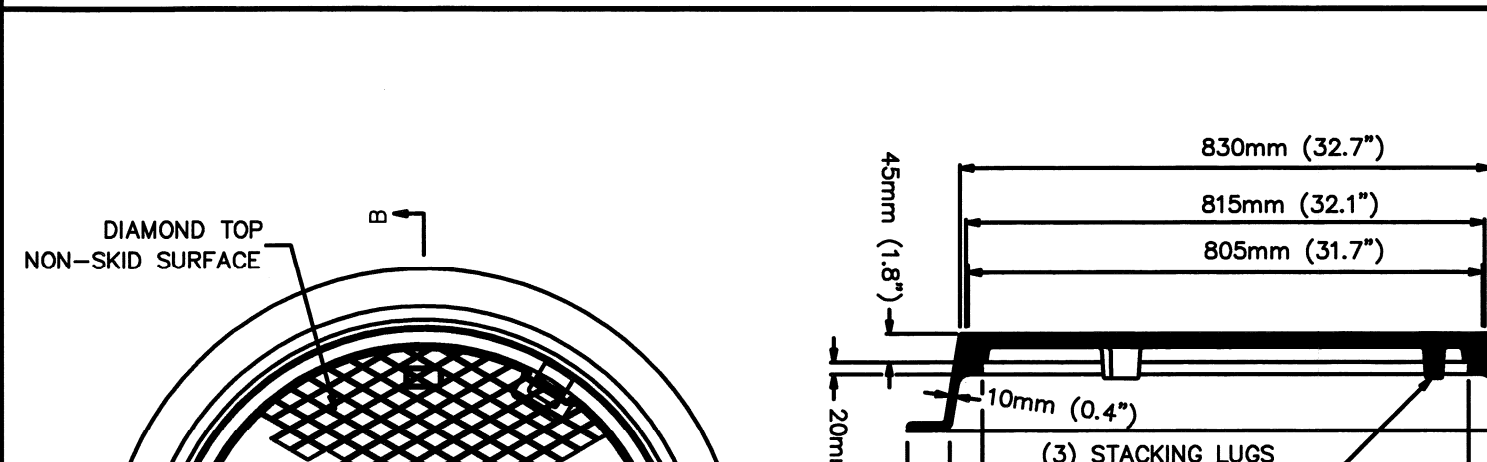
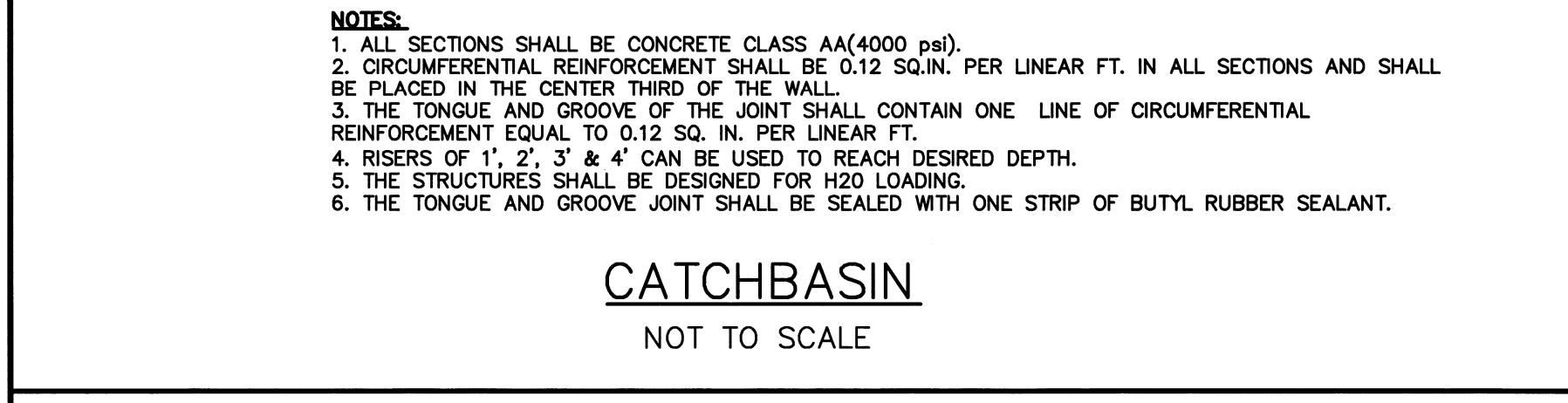
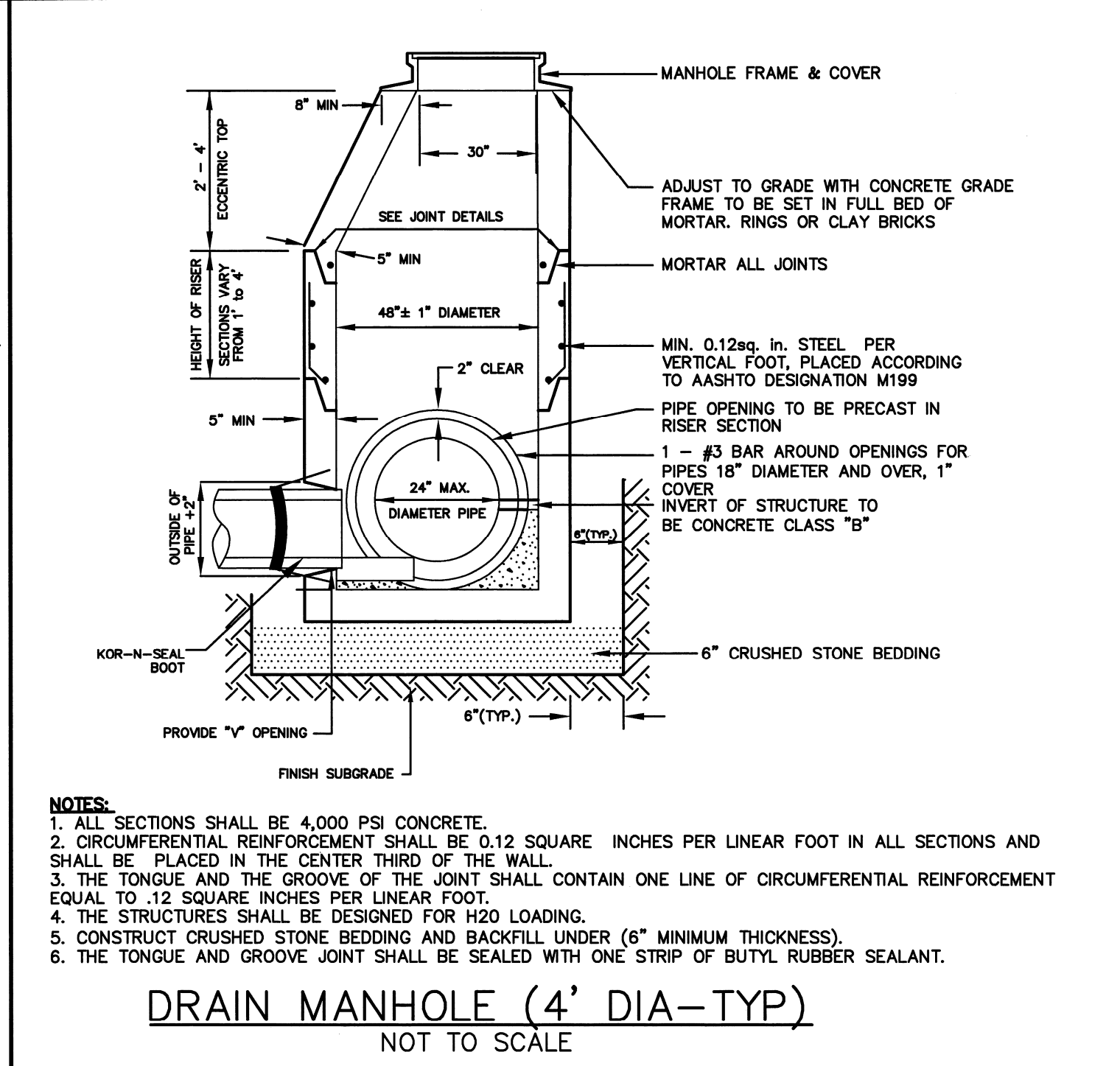
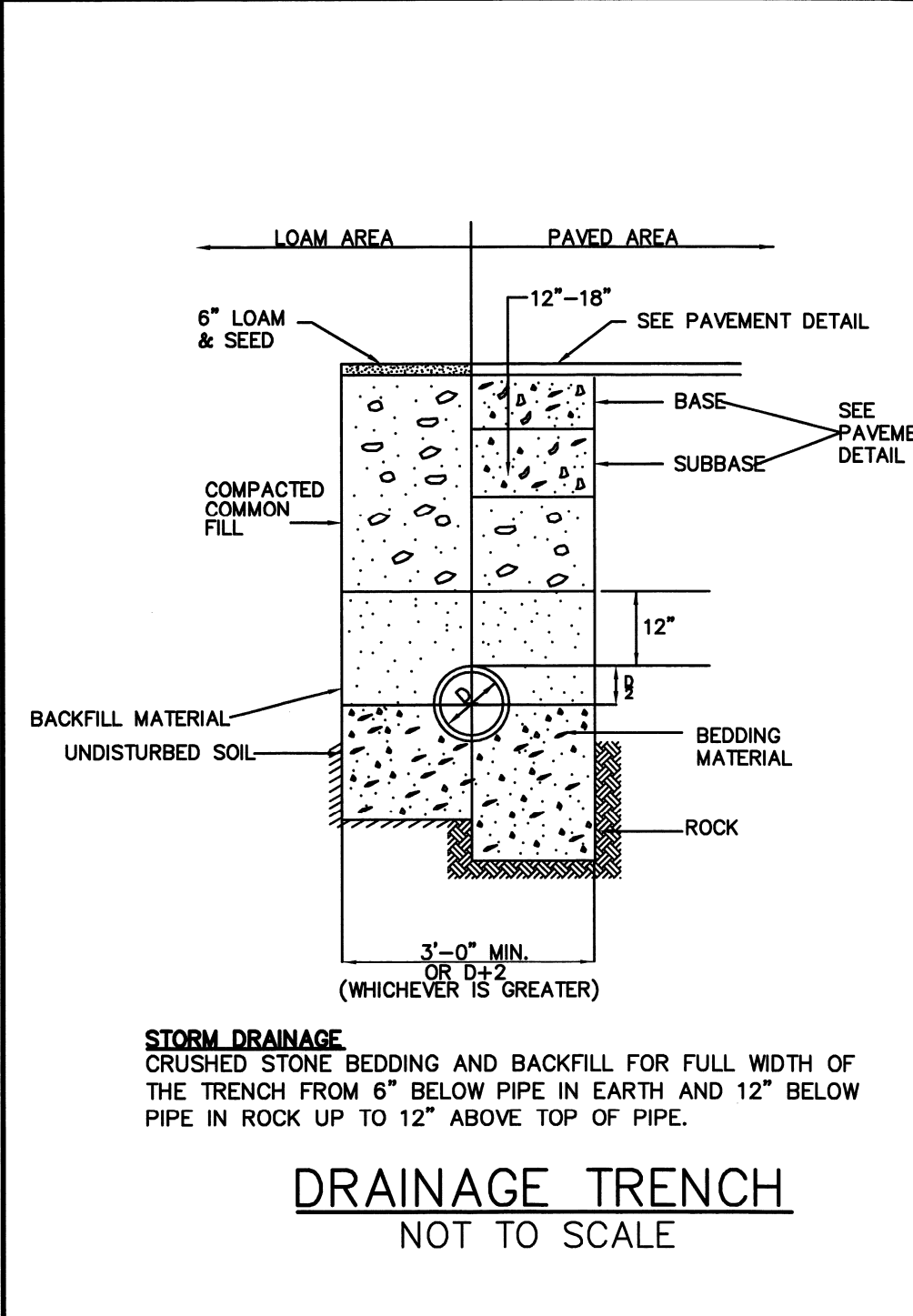
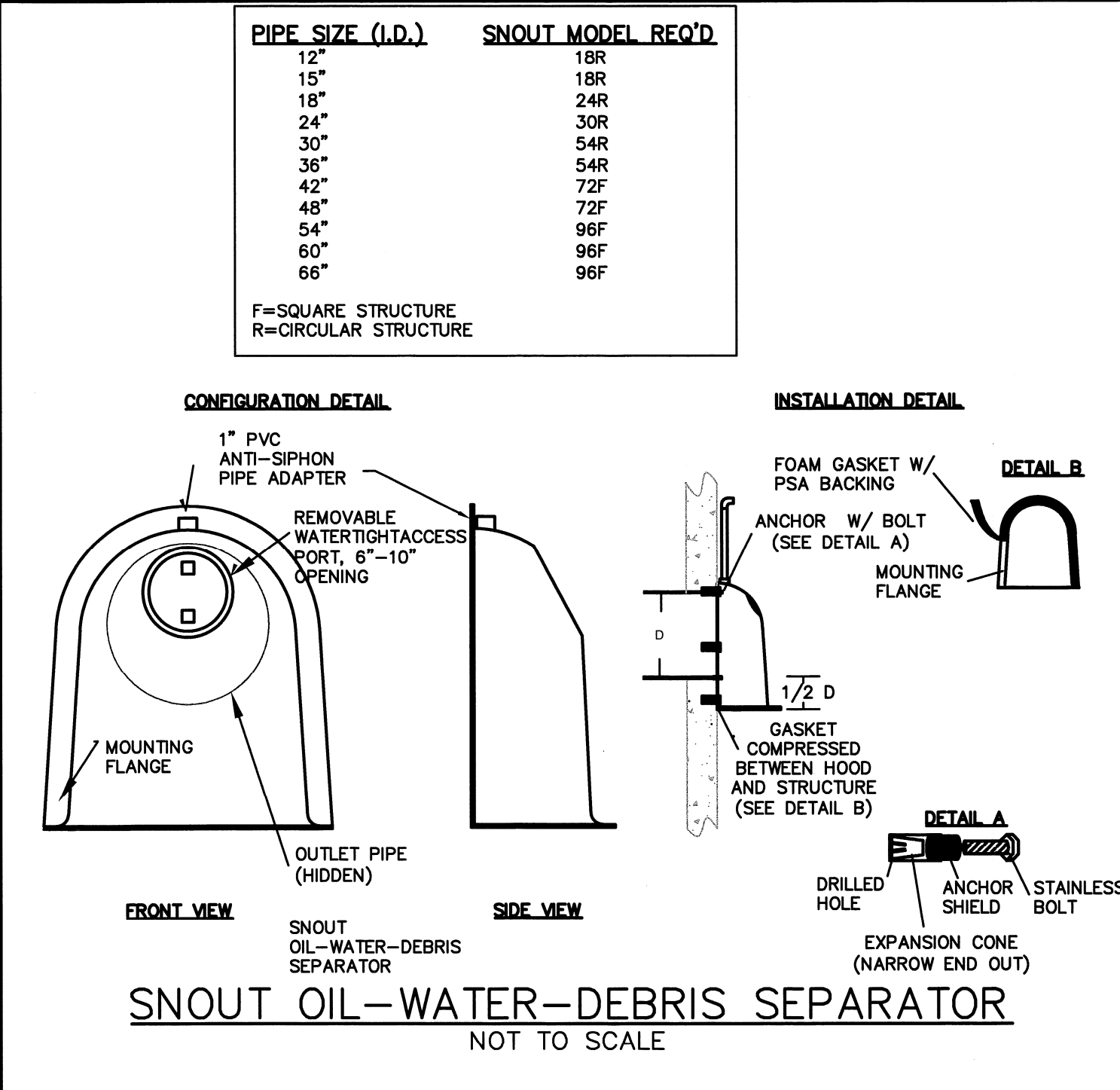
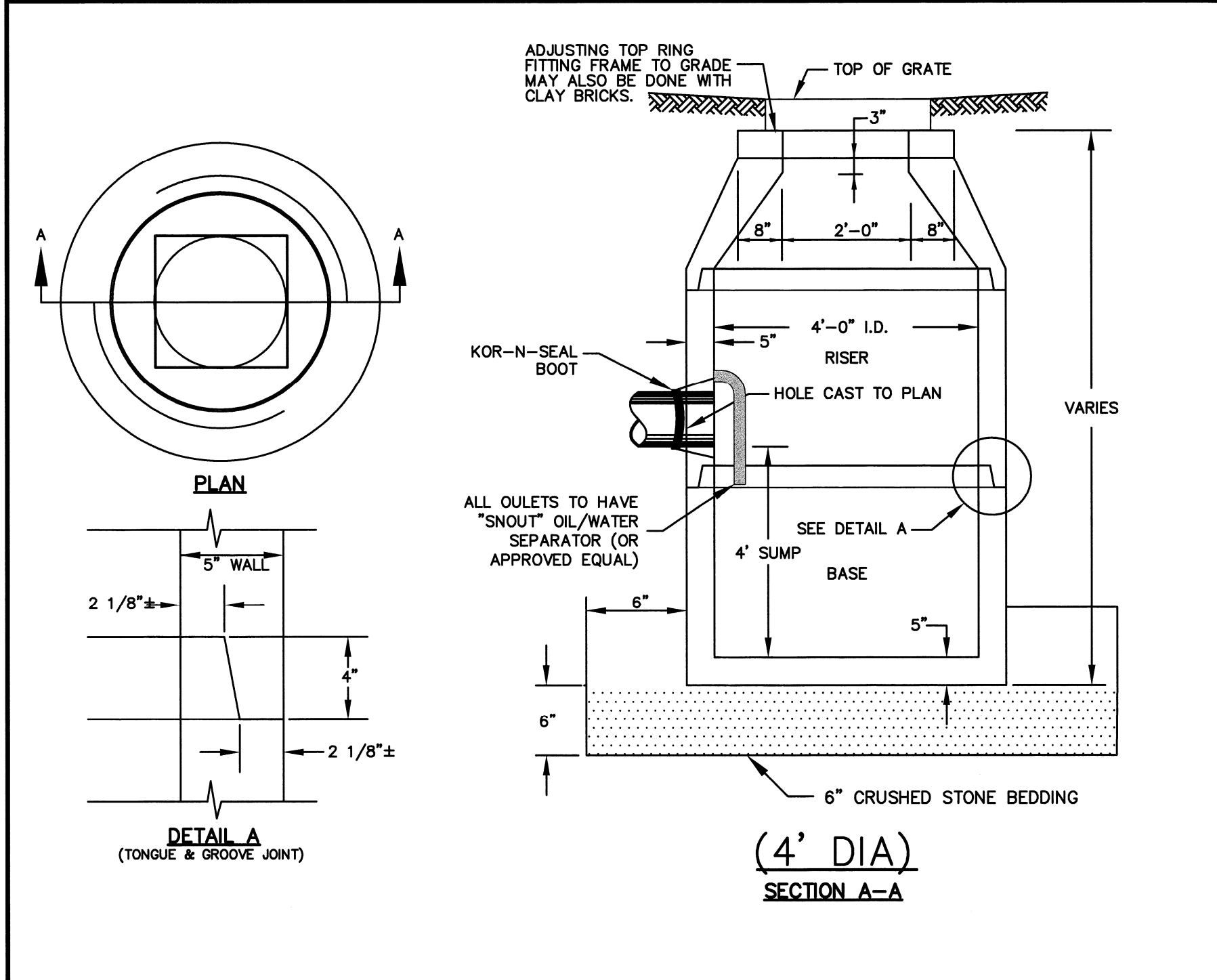
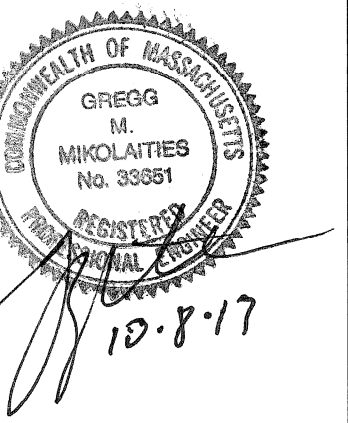
- J. TIMING OF CONTROLS/MEASURES
 - A. THE MAXIMUM AREA TO BE DISTURBED AT ONE TIME SHALL BE KEPT UNDER FIVE (5) ACRES. A PHASING PLAN DESCRIBING THE AREAS TO BE DISTURBED SHALL BE SUBMITTED TO THE DESIGN ENGINEER AND NHDES. AN INDEPENDENT MONITORING COMPANY SHALL BE HIRED BY THE CONTRACTOR TO MONITOR ALL EROSION CONTROL DEVICES.
- AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES THE EROSION CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMMENCING ANY CLEARING OR GRADING OF THE SITE. STRUCTURAL CONTROLS SHALL BE INSTALLED CONCURRENTLY WITH THE APPLICABLE ACTIVITY. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN TWENTY ONE (21) DAYS WILL BE STABILIZED WITH A TEMPORARY SEED AND MULCH WITHIN FOURTEEN (14) DAYS OF THE LAST DISTURBANCE. WHEN CONSTRUCTION ACTIVITY PERMANENTLY OR TEMPORARILY CEASES WITHIN 100 FEET OF ANY WETLAND OR WATERWAY, THE AREA SHALL BE STABILIZED WITHIN 7 DAYS OR PRIOR TO A RAIN EVENT. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, SILT FENCES AND HAYBALE BARRIERS AND ANY EARTH/DIKES WILL BE REMOVED ONCE PERMANENT MEASURES ARE ESTABLISHED.

- K. WASTE DISPOSAL
 - A. WASTE MATERIALS
 - 1. ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN SECURELY LIDDED RECEPTACLES. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN A DUMPSTER. NO CONSTRUCTION WASTE MATERIALS WILL BE BURIED ON SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL BY THE SUPERINTENDENT.
 - 2. HAZARDOUS WASTE
 - A. ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION AND BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES BY THE SUPERINTENDENT.
 - 3. SANITARY WASTE
 - A. SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR.
 - B. SPILL PREVENTION
 - 1. MATERIAL MANAGEMENT PRACTICES
 - A. THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION TO STORMWATER RUNOFF:
 - 1. GOOD HOUSEKEEPING
 - A. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON SITE DURING THE CONSTRUCTION PROJECT:
 - A. AN EFFORT WILL BE MADE TO STORE ONLY SUFFICIENT AMOUNTS OF PRODUCTS TO DO THE JOB.
 - B. ALL MATERIALS STORED ON SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
 - C. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
 - D. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS.
 - E. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
 - F. WHENEVER POSSIBLE ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
 - 2. HAZARDOUS PRODUCTS:
 - A. THE FOLLOWING PRACTICES WILL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:
 - A. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
 - B. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED FOR IMPORTANT PRODUCT INFORMATION.
 - C. SURPLUS PRODUCT THAT MUST BE DISPOSED OF WILL BE DISCARDED ACCORDING TO THE MANUFACTURER'S RECOMMENDED METHODS OF DISPOSAL.
 - 3. PRODUCT SPECIFICATION PRACTICES
 - A. THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:
 - 1. PETROLEUM PRODUCTS
 - A. ALL ON SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE MATERIALLY LABELED. ANY ASPHALT BASED SUBSTANCES USED ON SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 - 2. FERTILIZERS:
 - A. FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS DIRECTED BY THE SPECIFICATIONS. ONCE APPLIED FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. STORAGE WILL BE IN A COVERED SHED OR ENCLOSED TRAILERS. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
 - 3. PAINTS:
 - A. ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE DISPOSED OF PROMPTLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
 - 4. SPILL CONTROL PRACTICES
 - A. IN ADDITION TO GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTION THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
 - 1. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
 - 2. MATERIALS AND EQUIPMENT FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST AND PLASTIC OR METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
 - 3. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER OCCURENCE.
 - 4. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
 - 5. SPILLS OF TOXIC OR HAZARDOUS MATERIALS SHALL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
 - 6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM RECURRING AND HOW TO CLEANUP THE SPILL IF IT OCCURS.
 - 7. DESCRIPTION OF THE SPILL, ITS CAUSE, AND THE CLEANUP MEASURES TO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.

- L. SPILL PREVENTION
 - 1. MATERIAL MANAGEMENT PRACTICES
 - A. THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION TO STORMWATER RUNOFF:
 - 1. GOOD HOUSEKEEPING
 - A. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON SITE DURING THE CONSTRUCTION PROJECT:
 - A. AN EFFORT WILL BE MADE TO STORE ONLY SUFFICIENT AMOUNTS OF PRODUCTS TO DO THE JOB.
 - B. ALL MATERIALS STORED ON SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
 - C. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
 - D. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS.
 - E. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
 - F. WHENEVER POSSIBLE ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
 - 2. HAZARDOUS PRODUCTS:
 - A. THE FOLLOWING PRACTICES WILL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:
 - A. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
 - B. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED FOR IMPORTANT PRODUCT INFORMATION.
 - C. SURPLUS PRODUCT THAT MUST BE DISPOSED OF WILL BE DISCARDED ACCORDING TO THE MANUFACTURER'S RECOMMENDED METHODS OF DISPOSAL.
 - 3. PRODUCT SPECIFICATION PRACTICES
 - A. THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:
 - 1. PETROLEUM PRODUCTS
 - A. ALL ON SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE MATERIALLY LABELED. ANY ASPHALT BASED SUBSTANCES USED ON SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 - 2. FERTILIZERS:
 - A. FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS DIRECTED BY THE SPECIFICATIONS. ONCE APPLIED FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORMWATER. STORAGE WILL BE IN A COVERED SHED OR ENCLOSED TRAILERS. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
 - 3. PAINTS:
 - A. ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE DISPOSED OF PROMPTLY ACCORDING TO MANUFACTURER'S INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
 - 4. SPILL CONTROL PRACTICES
 - A. IN ADDITION TO GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTION THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
 - 1. MANUFACTURER'S RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.
 - 2. MATERIALS AND EQUIPMENT FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON SITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITTER, SAND, SAWDUST AND PLASTIC OR METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.
 - 3. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER OCCURENCE.
 - 4. THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
 - 5. SPILLS OF TOXIC OR HAZARDOUS MATERIALS SHALL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
 - 6. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM RECURRING AND HOW TO CLEANUP THE SPILL IF IT OCCURS.
 - 7. DESCRIPTION OF THE SPILL, ITS CAUSE, AND THE CLEANUP MEASURES TO BE INCLUDED. THE SITE SUPERINTENDENT RESPONSIBLE FOR DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR.

- M. SPILL PREVENTION
 - 1. MATERIAL MANAGEMENT PRACTICES
 - A. THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION TO STORMWATER RUNOFF:
 - 1. GOOD HOUSEKEEPING
 - A. THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ON SITE DURING THE CONSTRUCTION PROJECT:
 - A. AN EFFORT WILL BE MADE TO STORE ONLY SUFFICIENT AMOUNTS OF PRODUCTS TO DO THE JOB.
 - B. ALL MATERIALS STORED ON SITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR PROPER (ORIGINAL IF POSSIBLE) CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
 - C. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
 - D. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS.
 - E. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
 - F. WHENEVER POSSIBLE ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
 - 2. HAZARDOUS PRODUCTS:
 - A. THE FOLLOWING PRACTICES WILL BE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS:
 - A. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
 - B. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED FOR IMPORTANT PRODUCT INFORMATION.
 - C. SURPLUS PRODUCT THAT MUST BE DISPOSED OF WILL BE DISCARDED ACCORDING TO THE MANUFACTURER'S RECOMMENDED METHODS OF DISPOSAL.
 - 3. PRODUCT SPECIFICATION PRACTICES
 - A. THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:
 - 1. PETROLEUM PRODUCTS
 - A. ALL ON SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE MATERIALLY LABELED. ANY ASPHALT BASED SUBSTANCES USED ON SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
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- N. SPILL PREVENTION
 - 1. MATERIAL MANAGEMENT PRACTICES
 - A. THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES DURING CONSTRUCTION TO STORMWATER RUNOFF:
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 - C. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
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 - 3. PRODUCT SPECIFICATION PRACTICES
 - A. THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON SITE:
 - 1. PETROLEUM PRODUCTS
 - A. ALL ON SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO RED



Medway Commons

Retail Development Site Plan Modification - Starbucks Coffee Drive-Thru

Medway, Massachusetts

MARCH 20, 2013

| | | |
|----|---------|-----------------------------|
| 5. | 10/8/13 | FOR ENDORSEMENT |
| 4. | 9/23/13 | FOR ENDORSEMENT |
| 3. | 7/22/13 | REVISED PER REVIEW COMMENTS |
| 2. | 7/8/13 | REVISED LAYOUT |
| 1. | 4/26/13 | ISSUED TO PLANNING BOARD |

Mark Date Description

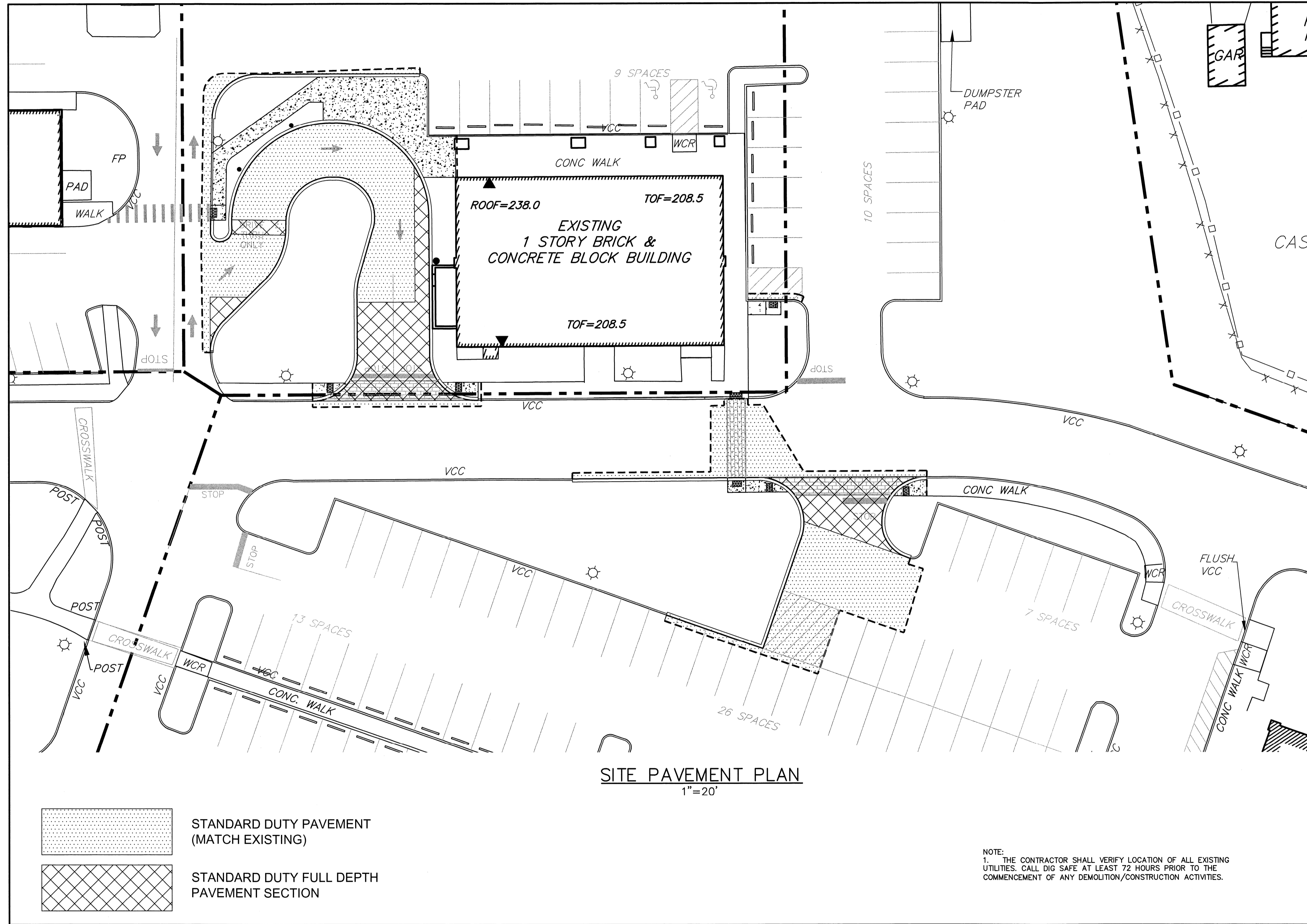
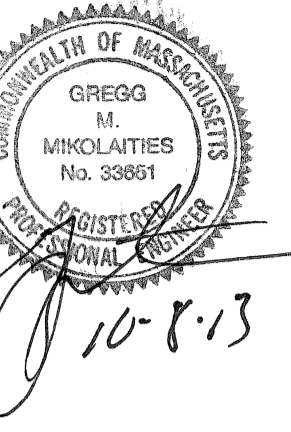
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 DRAWN BY: GWH
 CHECKED: JLV
 APPROVED BY: GMM

DETAILS SHEET

SCALE: AS SHOWN

C-7

Oct 07, 2013 5:10pm Plotted by: cml
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Medway Commons

Retail Development Site Plan Modification - Starbucks Coffee Drive-Thru

Medway, Massachusetts

MARCH 20, 2013

| 5. | 10/8/13 | FOR ENDORSEMENT |
|-------------------------|---------|-----------------------------|
| 4. | 9/28/13 | FOR ENDORSEMENT |
| 3. | 7/22/13 | REVISED PER REVIEW COMMENTS |
| 2. | 7/8/13 | REVISED LAYOUT |
| 1. | 4/28/13 | ISSUED TO PLANNING BOARD |
| Mark | Date | Description |
| PROJECT NO: C-0924 | | |
| FILE: C0924_DETAILS.dwg | | |
| DRAWN BY: GWH | | |
| CHECKED: JLV | | |
| APPROVED BY: GMM | | |

PLANNING AND ECONOMIC DEVELOPMENT BOARD ENDORSEMENT

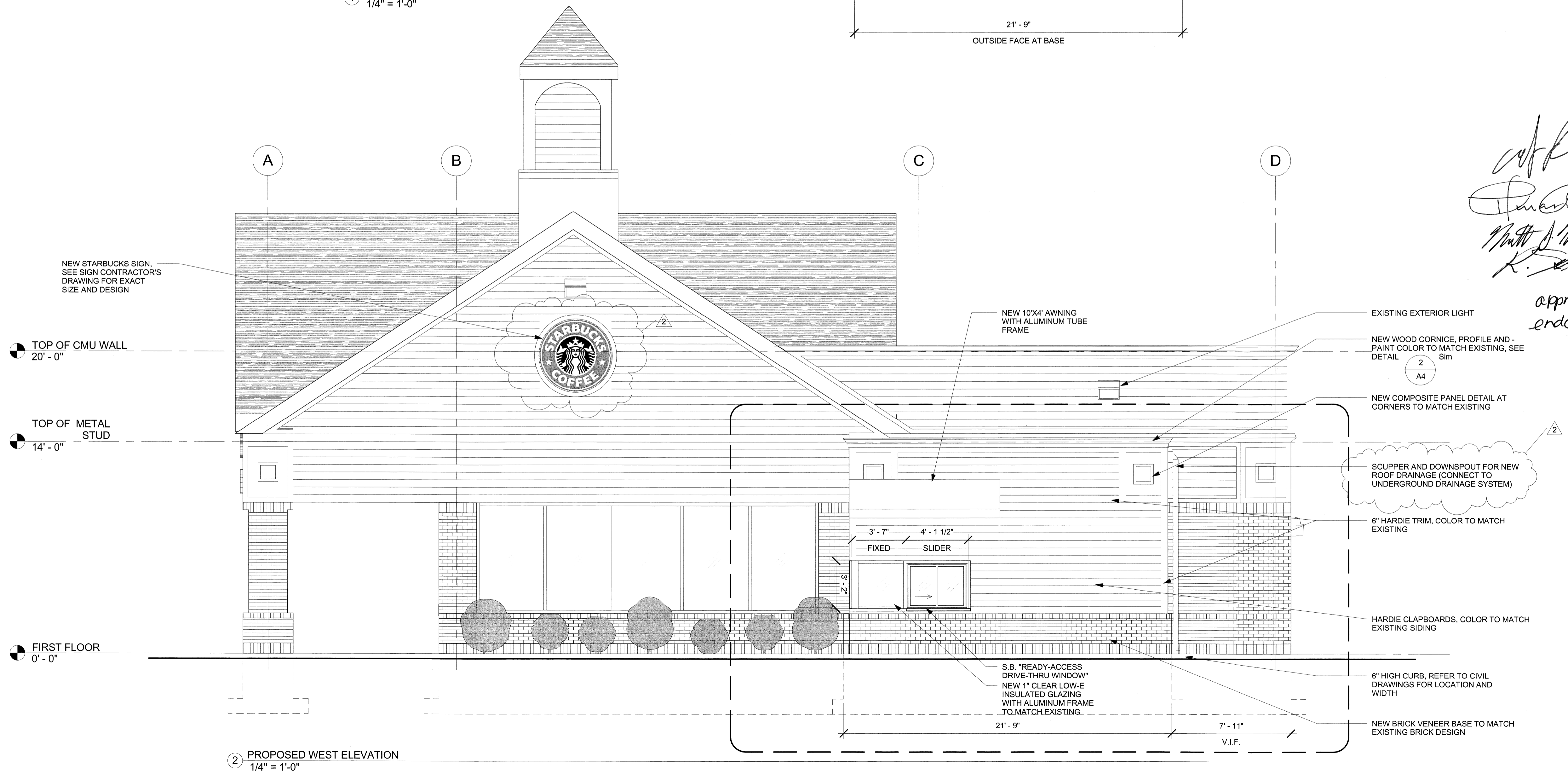
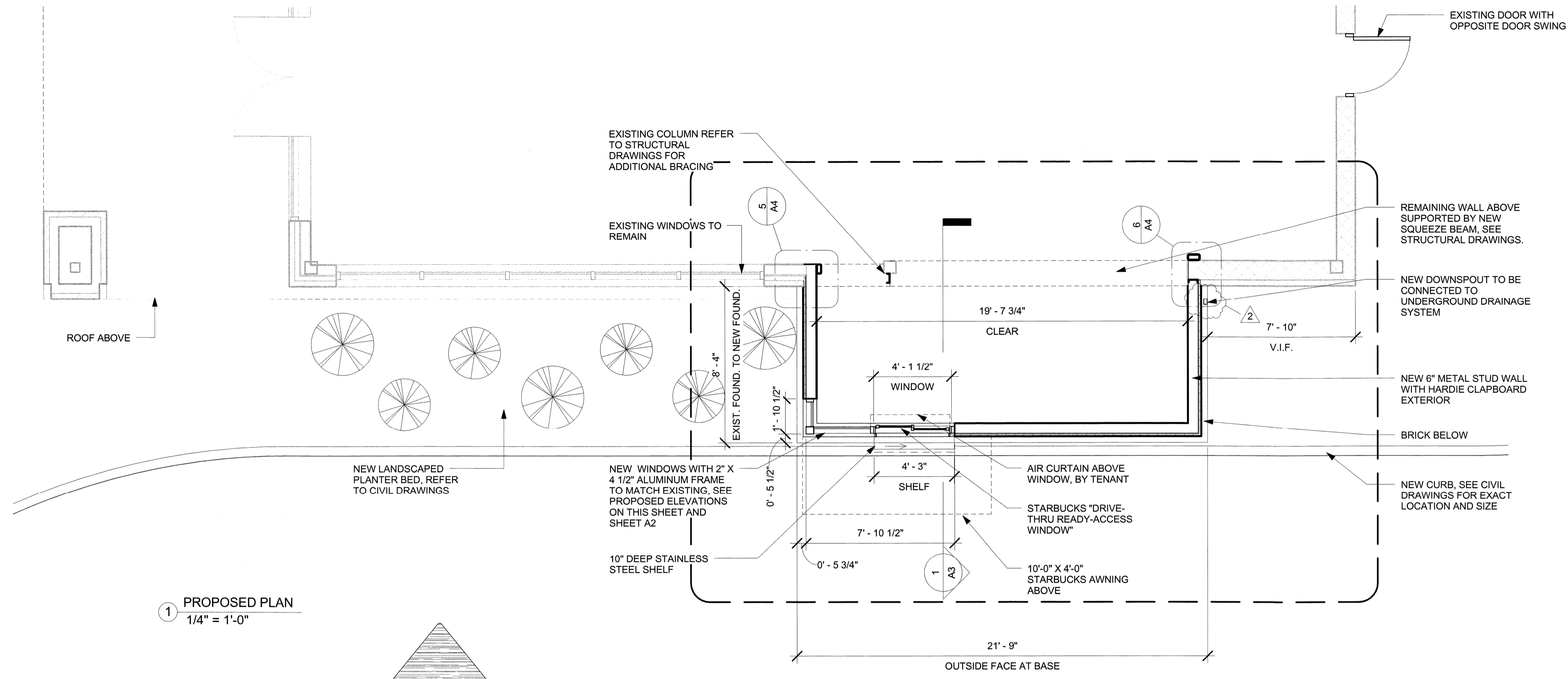
[Signature]

[Signature]

[Signature]

SIGNATURE: _____ DATE OF APPROVAL: 9-10-13 DATE OF ENDORSEMENT: 10-8-13

SITE PAVEMENT PLAN
 SCALE: AS SHOWN
C-8



approved - 9-10-13
endorsed - 10-8-13

**STARBUCKS
DRIVE-THRU
ADDITION**
67 MAIN STREET
MEDWAY, MA 02053

| # | Description | Date |
|---|---------------|---------|
| 1 | TOWN REVIEW | 8/27/13 |
| 2 | TOWN COMMENTS | 9/12/13 |

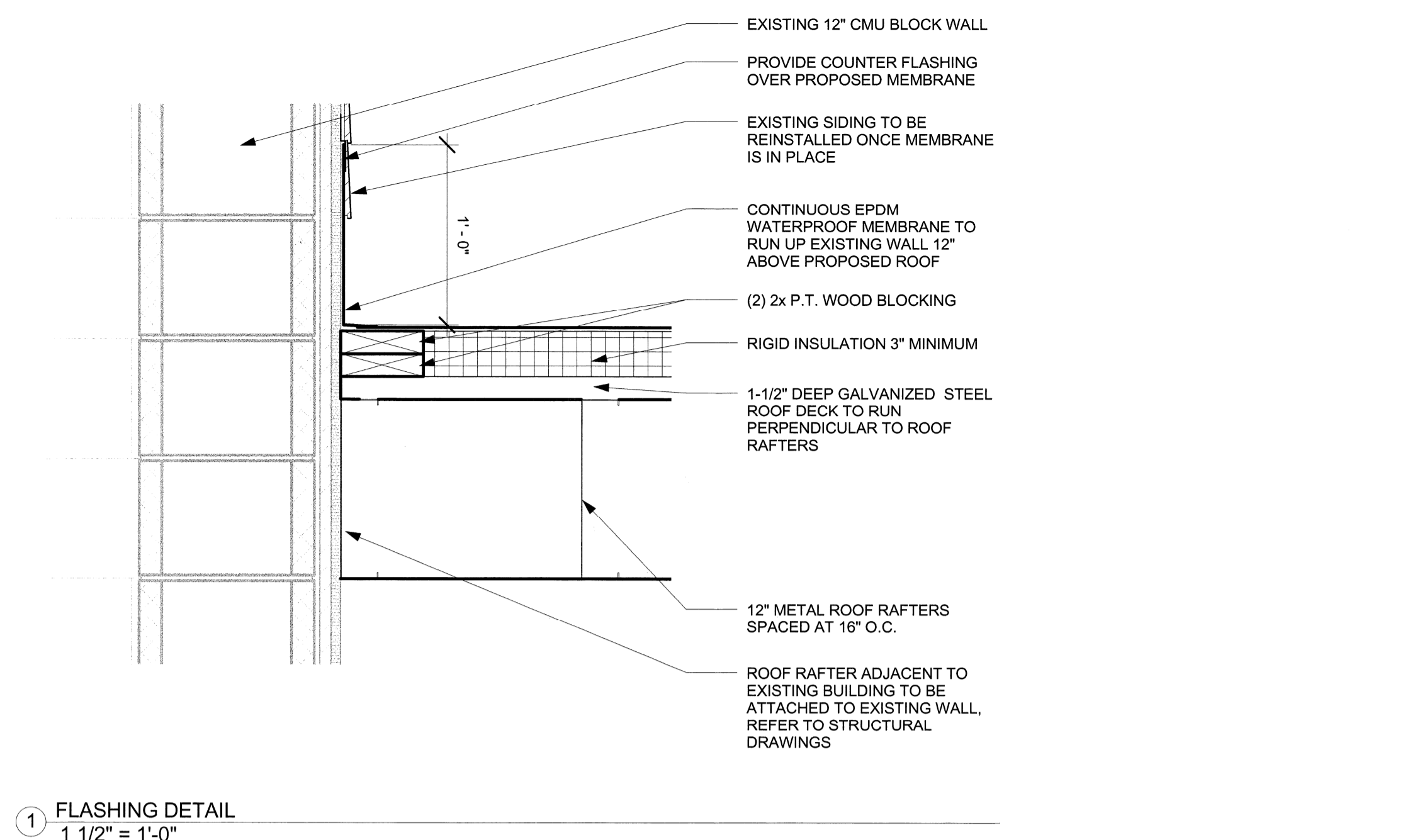
**PROPOSED PLAN
AND ELEVATION**

| | |
|----------------|--------------|
| Project Number | 13018.00 |
| Date | 08/27/2013 |
| Drawn By | CM |
| Checked By | TS |
| A1 | |
| Scale | 1/4" = 1'-0" |

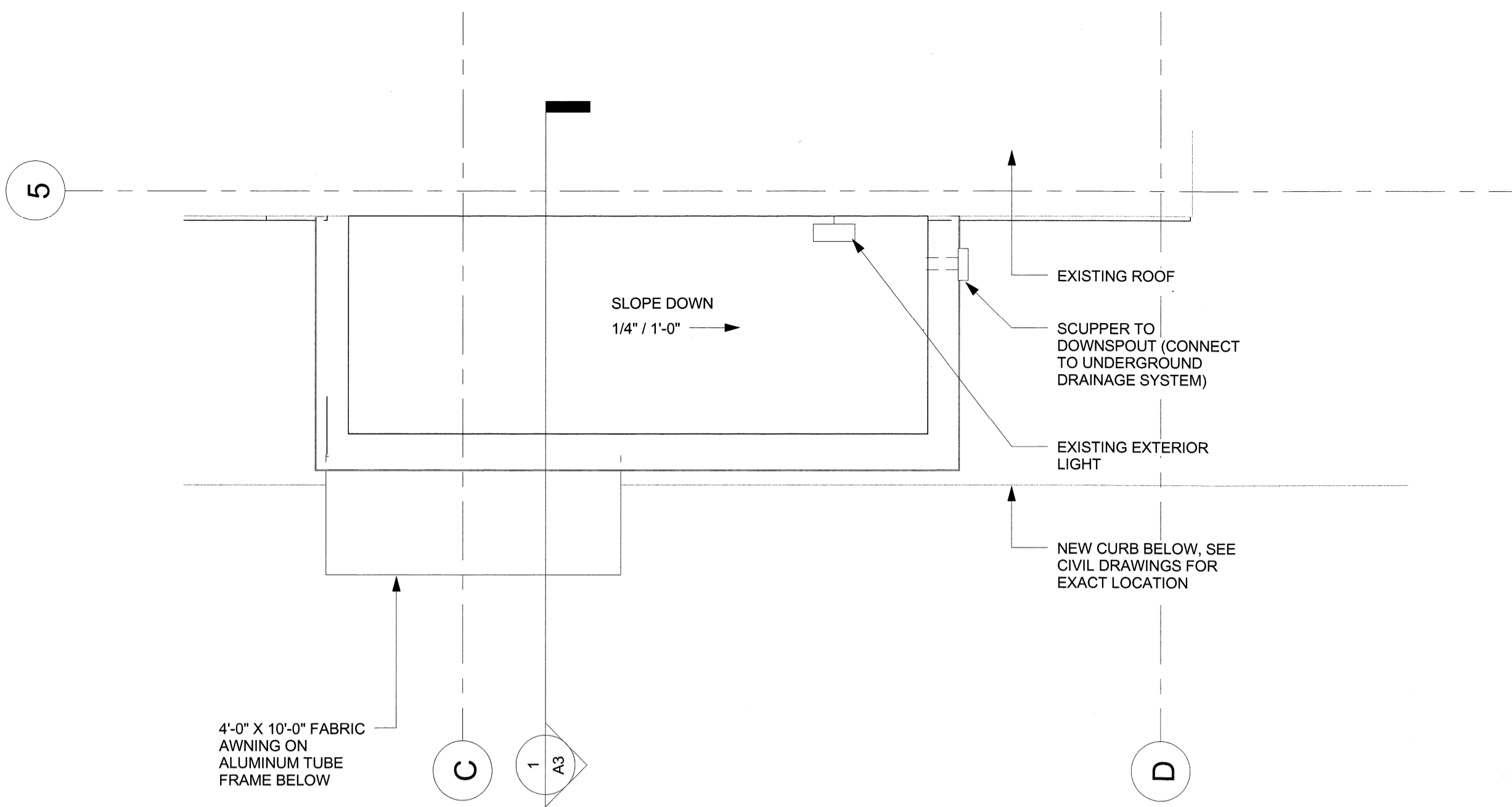
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**STARBUCKS
DRIVE-THRU
ADDITION**
67 MAIN STREET
MEDWAY, MA 02053

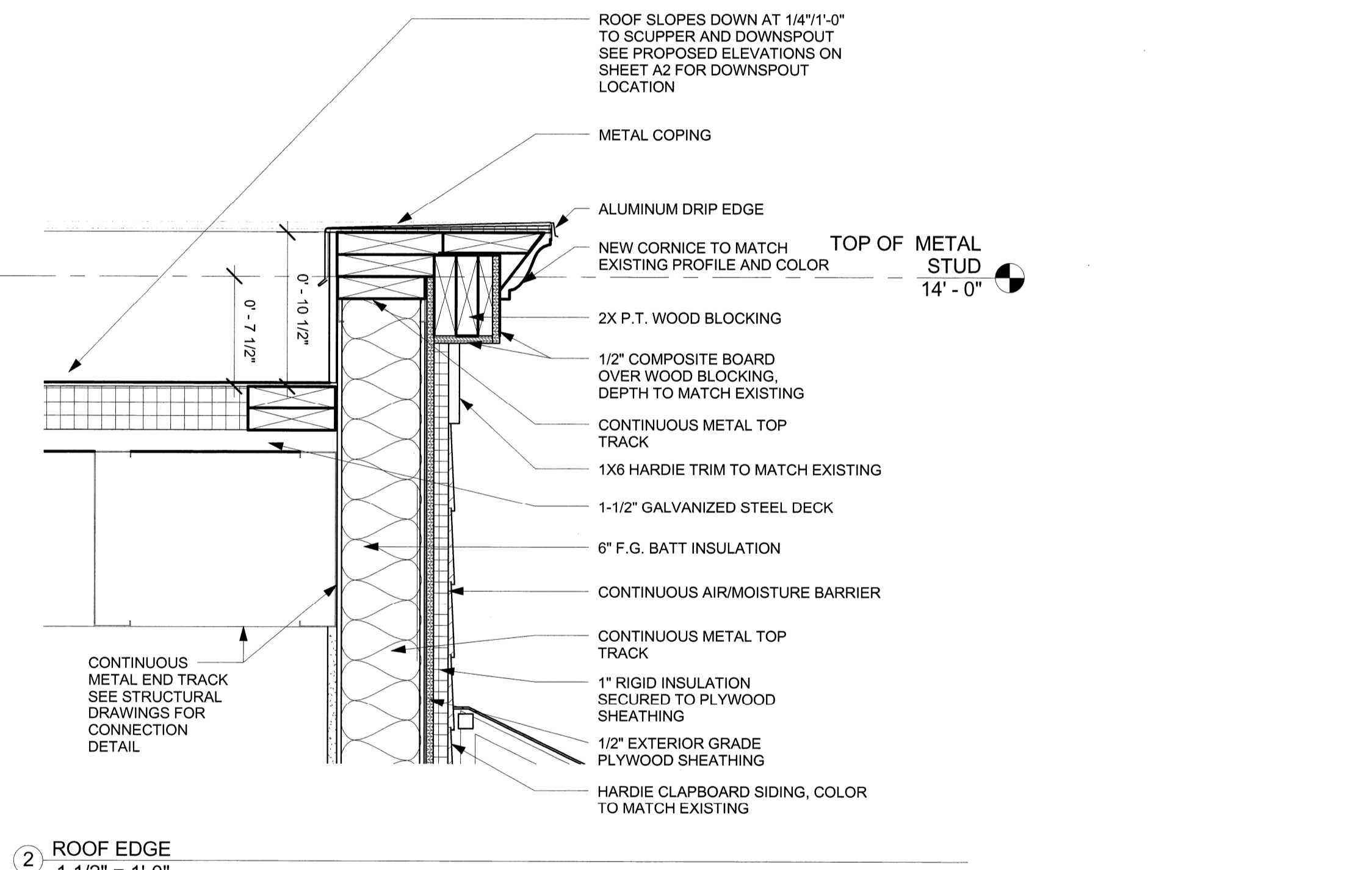
Handwritten signatures and notes:
approved - 9-10-13
endorsed - 10-8-13



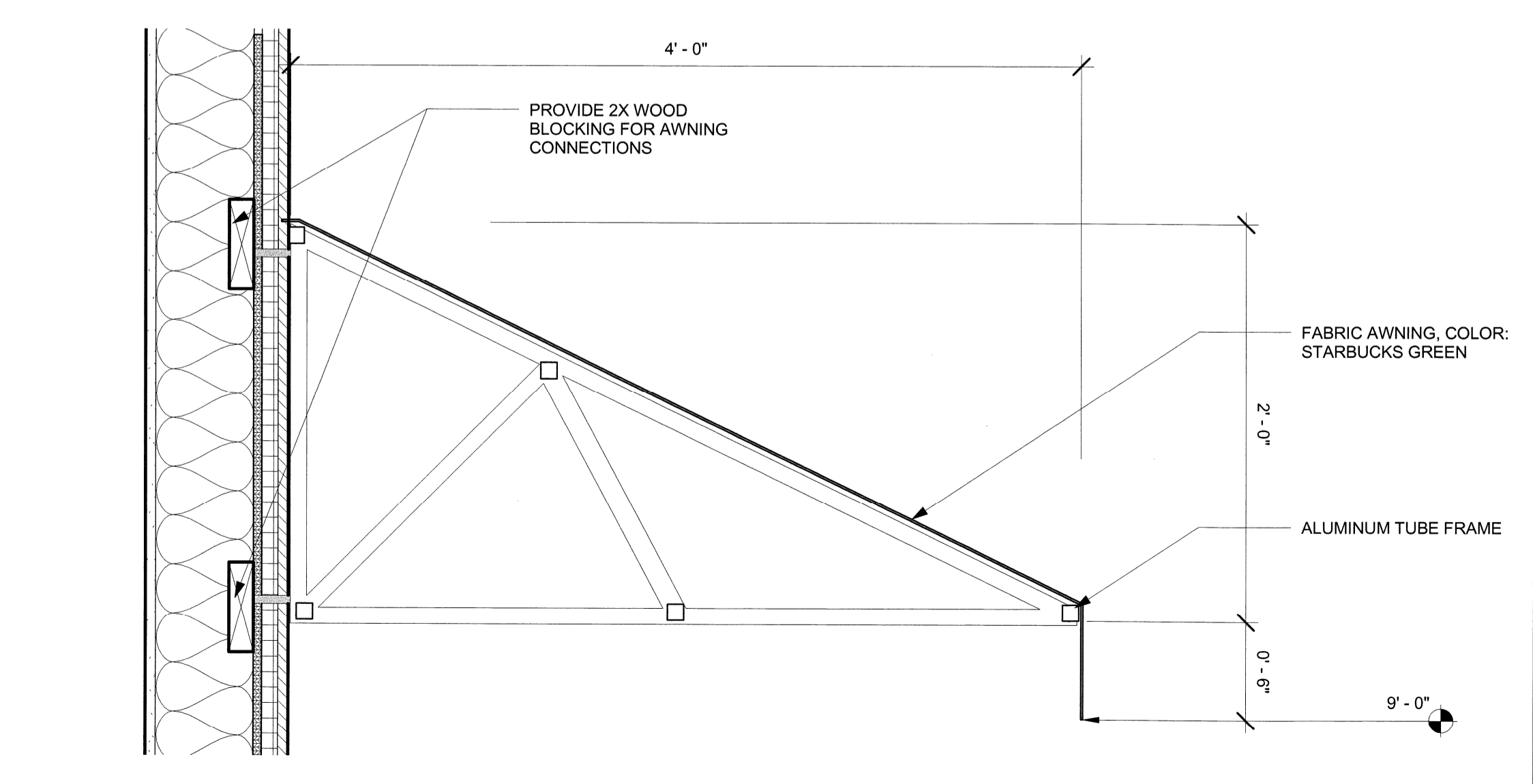
1 FLASHING DETAIL
1 1/2" = 1'-0"



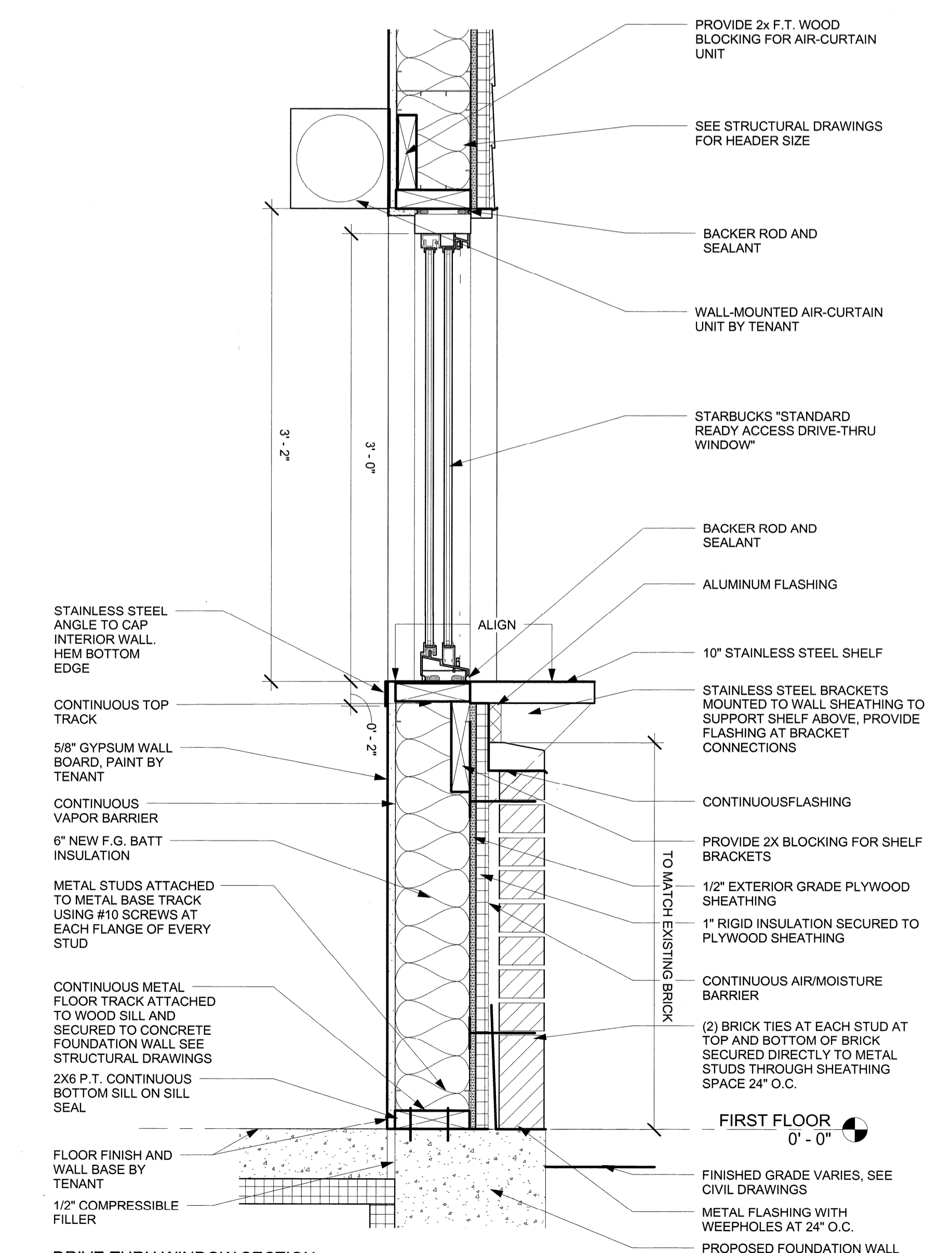
7 PROPOSED ROOF PLAN
1/4" = 1'-0"



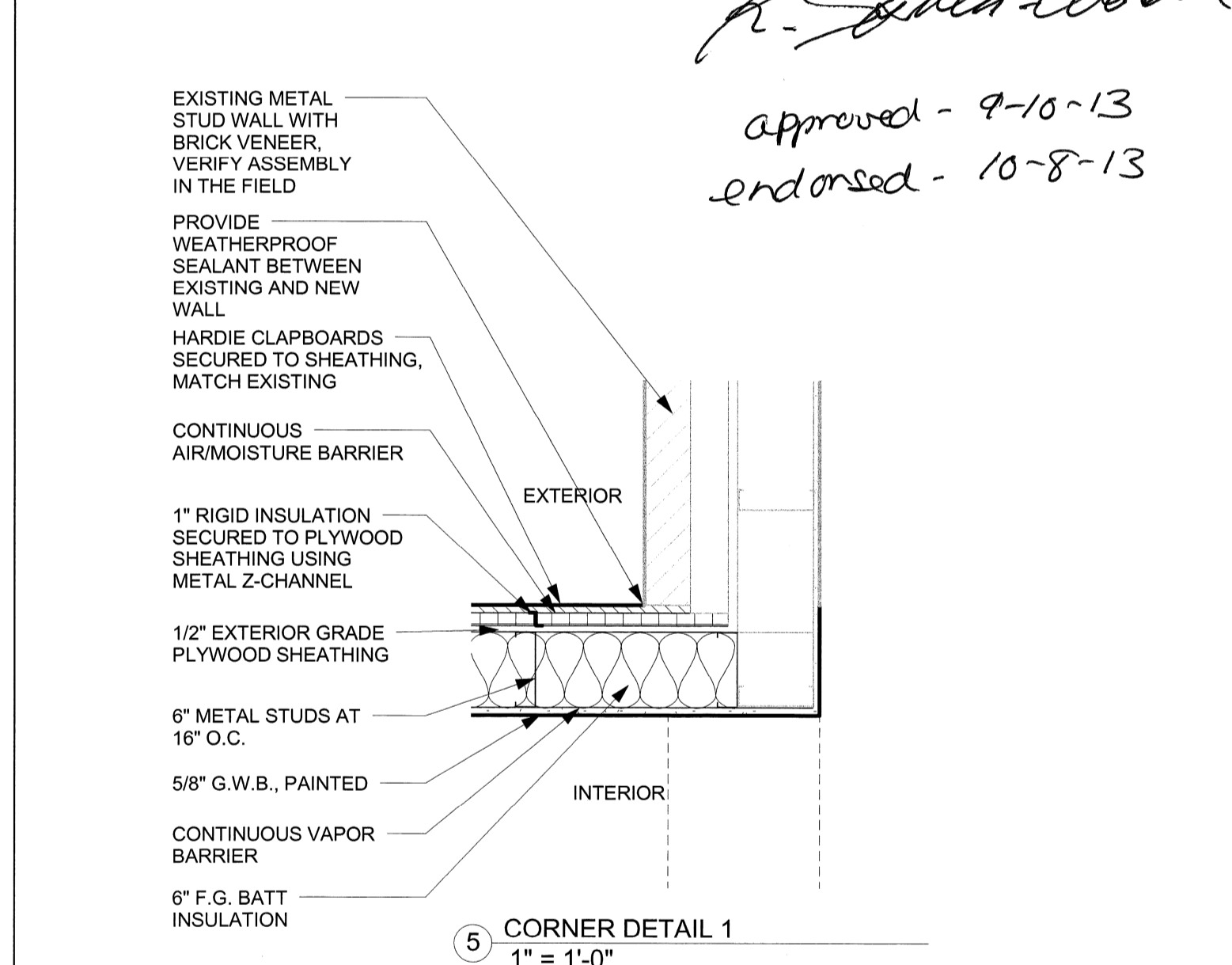
2 ROOF EDGE
1 1/2" = 1'-0"



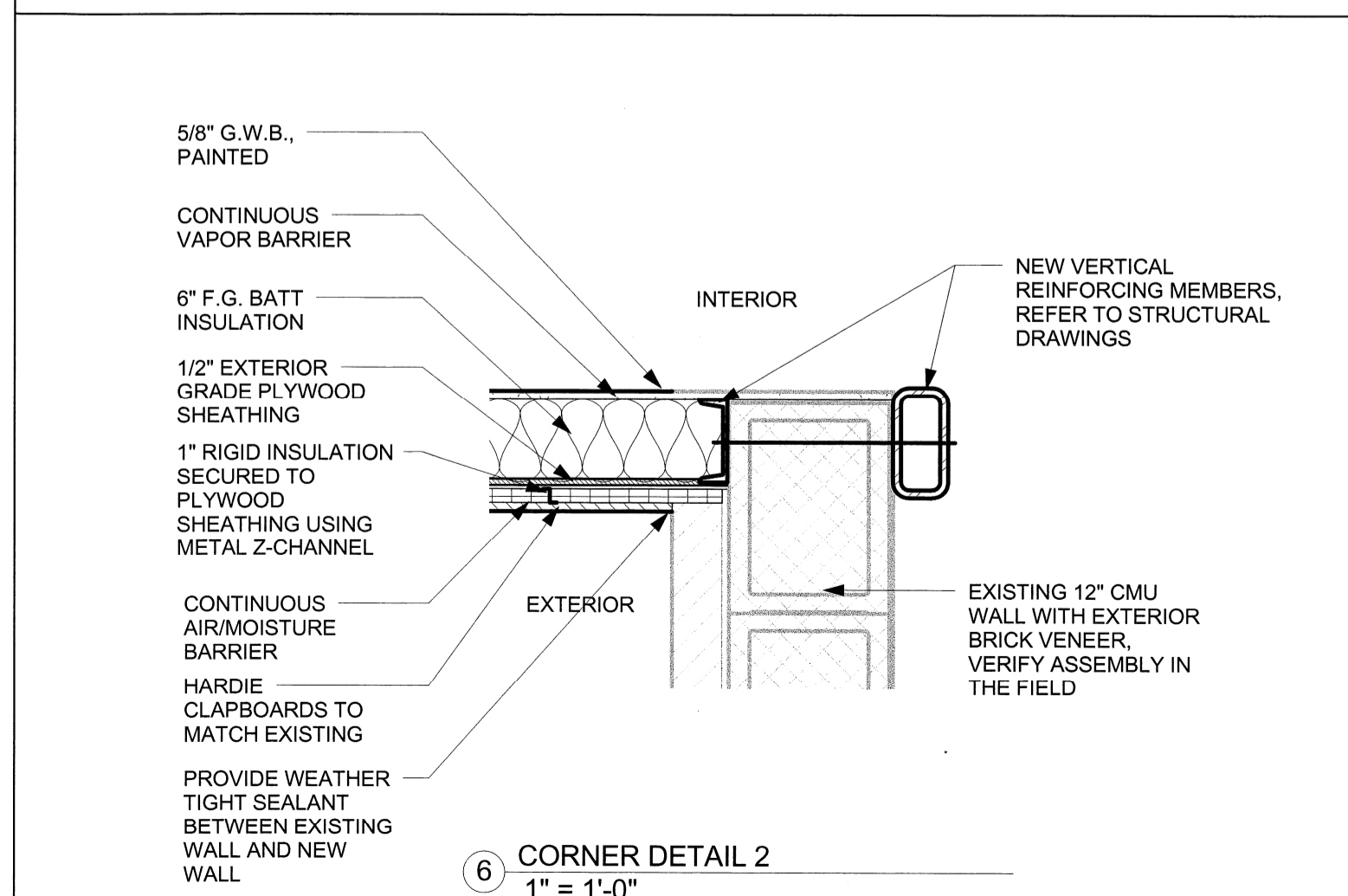
3 AWNING SECTION
1 1/2" = 1'-0"



4 DRIVE-THRU WINDOW SECTION
1 1/2" = 1'-0"



5 CORNER DETAIL 1
1" = 1'-0"



6 CORNER DETAIL 2
1" = 1'-0"

| # | Description | Date |
|---|----------------|---------|
| 1 | TOWN REVIEW | 8/27/13 |
| 2 | TOWN COMMENTS | 9/12/13 |
| 3 | ISSUED FOR BID | 9/26/13 |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

ROOF PLAN & DETAILS

Project Number 13018.00
Date 08/27/2013
Drawn By CM
Checked By TS

A4

Scale As indicated