PROPOSED LEGEND

- CONTOUR — 240
- BORING — B-1
- CHAIN LINK FENCE — X
- SANITARY SEWER — S
- DRAIN LINE — D
- ELECTRICAL LINE TELECOMM LINE — E
- WATER LINE — T
- GAS LINE — W
- CABLE LINE — G
- SERVICE TO BE UPDATED — CATV
- SERVICE AT CROWN TO BE UPDATED
- EXISTING ACTIVE SERVICE
- EXISTING ACTIVE SERVICE AT CROWN
- EXISTING SERVICE CAPPED
- SANITARY MANHOLE
- DRAIN MANHOLE (ROUND)
- DRAIN MANHOLE (SQUARE)
- ELECTRIC MANHOLE
- TELEPHONE MANHOLE
- CATCH BASIN (TYPE 1)
- CATCH BASIN (TYPE 2)
- CATCH BASIN (TYPE 3)
- CATCH BASIN (TYPE 4)
- DIRECT INLET (TYPE 5)
- CATCH BASIN (GRADING SHEETS)
- UTILITY POLE
- UTILITY POLE WITH LIGHT
- FIRE HYDRANT
- WATER GATE
- WATER SERVICE
- GAS GATE
- SIGN
- DIRECTION OF PIPE FLOW
- TREE
- TEST PIT — TP-1
- VACUUM EXTRACTION TEST PIT
- PIPE BURSTING INSERTION PIT LOCATION

SURVEY LEGEND

- CABLE TV MANHOLE
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- SEWER MANHOLE
- TELEPHONE MANHOLE
- WATER MANHOLE
- MH — MANHOLE
- CATCH BASIN
- CATCH BASIN–ROUND
- GAS SHUT OFF
- WATER SHUT OFF
- SHUT OFF
- HYDRANT
- MW — OBSERVATION WELL
- UTILITY POLE
- GUY POLE
- LIGHT POLE
- PB — ELECTRIC PULL BOX (HANDHOLE)
- FA — FIRE ALARM
- TS — TRAFFIC SIGNAL
- TC — TRAFFIC CONTROL BOX
- SIGN
- FP — FLAGPOLE
- PM — PARKING METER
- FF — FUEL FILL
- CO — CLEANOUT
- F.E.S. — FLARED END SECTION
- BOLLARD
- MAIL BOX
- TREE
- SHRUB
- BOT.= — BOTTOM ELEVATION
- I= — INVERT ELEVATION
- R= — RIM ELEVATION
- TT= — TOP TRAP ELEVATION
- SE= — SUMP ELEVATION
- T= — TOP ELEVATION
- B= — BOTTOM ELEVATION
- TH= — THRESHOLD ELEVATION
- FFE= — FINISHED FLOOR ELEVATION
- TF= — TOP OF FOUNDATION ELEVATION
- S= — SILL ELEVATION
- F.O.D. — FULL OF DEBRIS
- T.O.D. — TOP OF DEBRIS
- T.O.W. — TOP OF WATER
- N.V.P. — NO VISIBLE PIPES
- TB — TOP OF BERM
- BB — BOTTOM OF BERM
- TS — TOP OF STEP
- TC — TOP OF CURB
- BC — BOTTOM OF CURB
- FC — FLUSH CURB
- BIT. — BITUMINOUS
- CONC. — CONCRETE
- TBM — TEMPORARY BENCH MARK
- PIV — POST INDICATOR VALVE
- CLF — CHAIN LINK FENCE
- WIF — WROUGHT IRON FENCE
- REC. — RECORD
- MWRA — MASSACHUSETTS WATER RESOURCES AUTHORITY
- FENCE
- GUARD RAIL
- RETAINING WALL
- VEGETATION
- S — SEWER
- D — DRAIN
- CS — COMBINED SEWER
- W — WATER
- G — GAS
- G — GAS (ABANDONED)
- E — ELECTRIC
- MBTA — MBTA
- T — TELEPHONE
- T — TELEPHONE (ABANDONED)
- CATV — CABLE TELEVISION
- OHW — OVERHEAD WIRES
- GUY — GUY WIRE

ABBREVIATIONS

A.G.	ABOVE GRADE
BC	BOTTOM OF CURB
BIT CONC	BITUMINOUS CONCRETE
BOT	BOTTOM
BW	BOTTOM OF WALL
CB	CATCH BASIN
CC	CONCRETE CURB
CI	CAST IRON
CL	CENTERLINE OF TROUGH
CLF	CHAIN LINK FENCE
C.O.	CLEAN OUT
CONC	CONCRETE
CS	COMBINED SEWER
CSU	CONCRETE SEGMENTS (UNBOLTED)
CTE	CONNECT TO EXISTING
CTV	CABLE TELEVISION
CU	COPPER
DI	DUCTILE IRON
DMH	DRAIN MANHOLE
ELEV	ELEVATION
EMH	ELECTRIC MANHOLE
EXIST.	EXISTING
FA	FIRE ALARM
FB	FIRE BOX
FP	FLAG POLE
FS	FLAG STONE
GC	GRANITE CURB
GG	GAS GATE
GM	GAS METER
GRAN	GRANITE
GV	GATE VALVE
GW	GROUND WATER
H.H.	HAND HOLE
HYD	HYDRANT
I	INVERT
IB	INFILTRATION BASIN
LD	LEAD
LP	LIGHT POST
NVO	NO VISIBLE OUTLET
P	POST
PM	PARKING METER
PROP.	PROPOSED
PVC	POLYVINYL CHLORIDE
R	RIM
RCP	REINFORCED CONCRETE PIPE
R.R.	REMOVE AND REPLACE
RWS	RETAINING WALL STONE
RWCN	RETAINING WALL CONCRETE
S	SIGN
SD	STORM DRAIN
SMH	SEWER MANHOLE
SS	SANITARY SEWER
SST	STAINLESS STEEL
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TCB	TRAFFIC CONTROL BOX
TELE	TELEPHONE
THRESH.	THRESHOLD
TL	TRAFFIC LIGHT
TOH	TOP OF HOOD
T.S.	TOP OF STEP
TW	TOP OF WATER
UNK	UNKNOWN
UP	UTILITY POLE
VC	VITRIFIED CLAY
W	WATER ELEVATION
W/	WITH
WD	WOOD
WG	WATER GATE
WL	WATER LEVEL
WMH	WATER MANHOLE
WW	WINDOW WELL

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VINCENT W. SPADA
SANITARY
No. 31436
REGISTERED PROFESSIONAL ENGINEER
11/15/10

Scale	AS NOTED				
Date	JANUARY 15, 2010				
Job No.	2008288.03-A				
Designed by	CMC				
Drawn by	CMC				
Checked by	SFJ	No.	Description	Date	
Approved by	VWS		REVISIONS		

THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: GENERAL - LEGEND AND ABBREVIATIONS

Sheet: G-3

File No.

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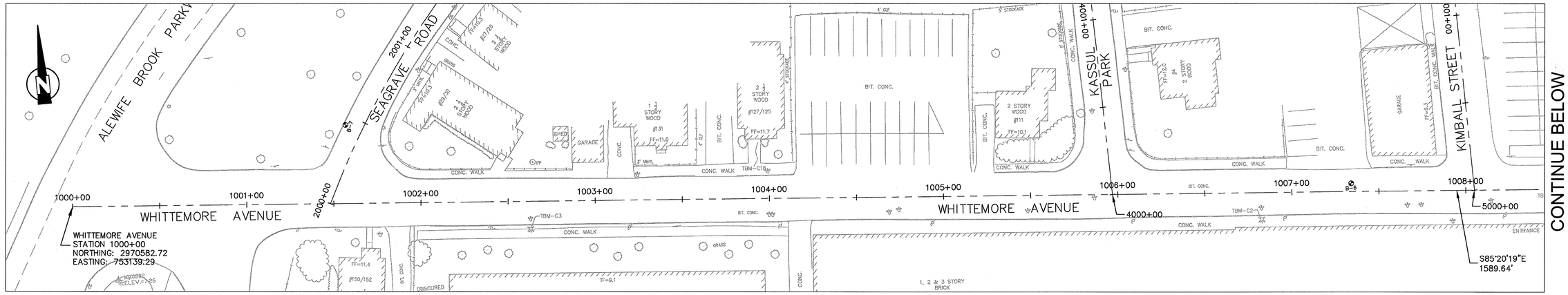
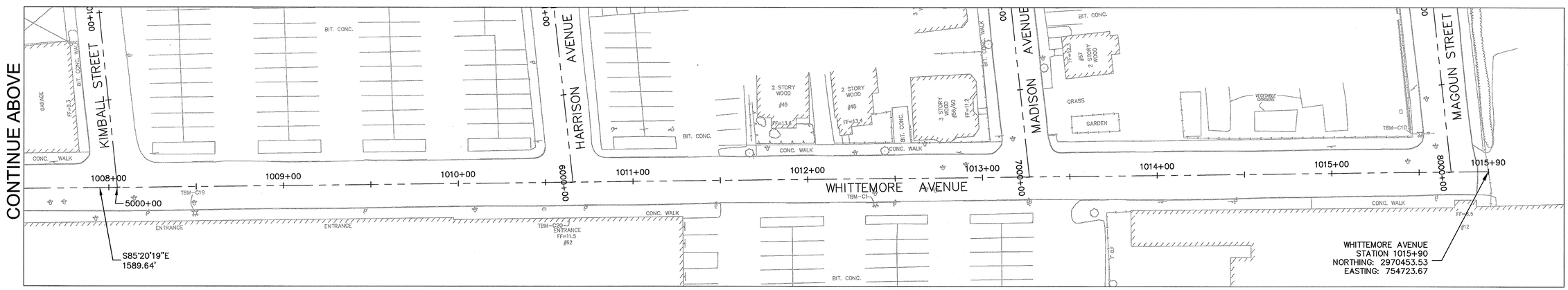


WHITTEMORE AVENUE CONSTRUCTION BASELINE

0 30 60 90

SCALE IN FEET
SCALE: 1"=30'



WHITTEMORE AVENUE CONSTRUCTION BASELINE

0 30 60 90

SCALE IN FEET
SCALE: 1"=30'

NOTES:

1) BENCH MARK INFORMATION:

BENCH MARK USED:
BENCHMARK 635: IN THE SOUTHEASTERN PART OF ARLINGTON NEAR THE ARLINGTON–CAMBRIDGE TOWN LINE, AT AN ARCH BRIDGE OVER ALEWIFE BROOK AT MASSACHUSETTS AVENUE. A MONEL RIVET SET IN THE NORTHEAST EDGE OF A GRANITE CAPSTONE, DIRECTLY OVER THE TOP OF THE NORTHEAST ARCH STONE. ELEVATION = 11.29 NGVD–29

TEMPORARY BENCH MARKS SET:

TBM–C1: AN X–CUT SET IN THE FRONT CENTER BOLT OF A HYDRANT– ELEVATION = 10.64

TBM–C2: AN X–CUT SET IN THE LEFT FRONT BOLT OF A HYDRANT – ELEVATION = 11.44

TBM–C3: AN X–CUT SET IN THE LEFT REAR BOLT OF A HYDRANT – ELEVATION = 9.37

TBM–C4: A SPIKE SET 1' UP IN A UTILITY POLE – ELEVATION = 7.31

TBM–C5: AN X–CUT SET IN THE RIGHT FRONT BOLT OF A HYDRANT – ELEVATION = 8.27

TBM–C6: AN X–CUT SET IN THE LEFT REAR BOLT OF A HYDRANT – ELEVATION = 11.40

TBM–C7: AN X–CUT SET IN A BOLT OF A HYDRANT – ELEVATION = 10.22

TBM–C8: AN X–CUT SET IN THE FRONT CENTER BOLT OF A HYDRANT – ELEVATION = 8.07

TBM–C9: AN X–CUT SET IN THE FRONT CENTER BOLT OF A HYDRANT – ELEVATION = 10.52

TBM–C10: AN X–CUT SET IN THE FRONT CENTER BOLT OF A HYDRANT – ELEVATION = 10.82

NOTES (CONTINUE):

TBM–C11: AN X–CUT SET IN THE FRONT CENTER BOLT OF A HYDRANT – ELEVATION = 13.54

TBM–C12: RIGHT OUTER CORNER OF A CONCRETE PAD – ELEVATION = 8.63

TBM–C13: AN X–CUT SET IN THE FRONT BOLT OF A HYDRANT – ELEVATION = 12.36

TBM–C14: THE LEFT OUTER CORNER OF A COLUMN ON THE RIGHT SIDE OF AN ENTRANCE TO #1 ALEWIFE CENTER – ELEVATION = 9.80

TBM–C15: RIGHT OUTER CORNER OF THE LOWEST BRICK STEP AT #24/26 COLUMBUS AVENUE, – ELEVATION = 7.90

TBM–C16: RIGHT OUTER CORNER OF THE LOWEST BRICK STEP AT #36 COLUMBUS AVENUE, – ELEVATION = 6.00

TBM–C17: RIGHT OUTER CORNER OF THE LOWEST BRICK STEP AT #13/14 SEAGRAVE AVENUE, – ELEVATION = 6.85

TBM–C18: RIGHT OUTER CORNER OF THE LOWEST STONE STEP AT #125/127 WHITTEMORE AVENUE, – ELEVATION = 8.54

TBM–C19: AN X–CUT SET IN THE LEFT FRONT BOLT OF A HYDRANT – ELEVATION = 11.39

TBM–20: LEFT OUTER CORNER OF THE LOWEST STONE STEP AT #62 WHITTEMORE AVENUE – ELEVATION = 9.24

TBM–C21: AN X–CUT SET IN FRONT BOLT OF A HYDRANT – ELEVATION = 11.60

TBM–C22: AN X–CUT SET IN RIGHT FRONT BOLT OF A HYDRANT – ELEVATION = 10.56

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THE WORKS — CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: GENERAL - WHITTEMORE AVENUE CONSTRUCTION BASELINE

Sheet: G-4

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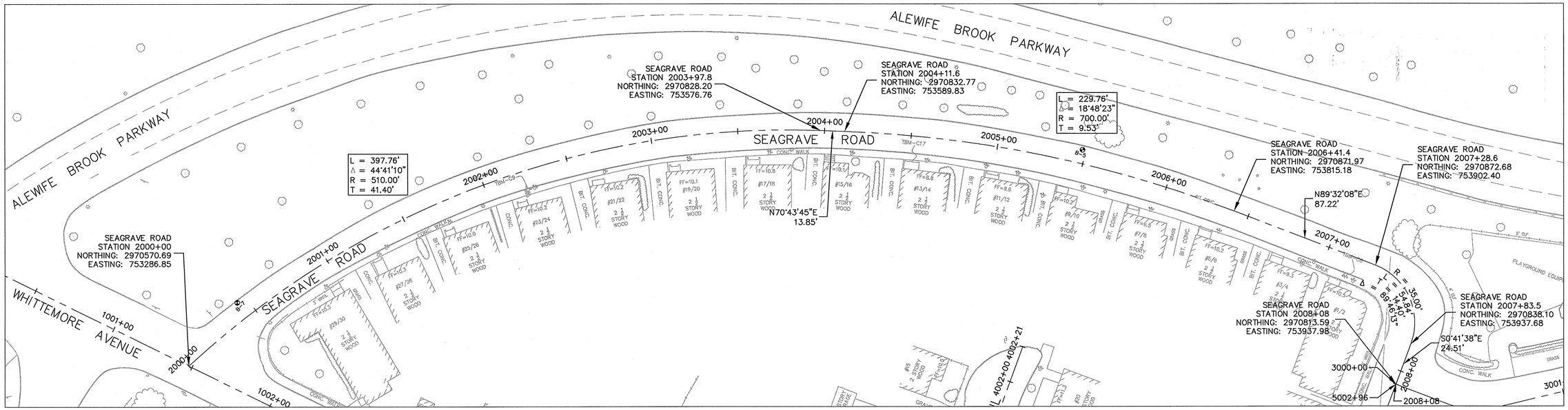

SEAGRAVE ROAD CONSTRUCTION BASELINE

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SCALE IN FEET
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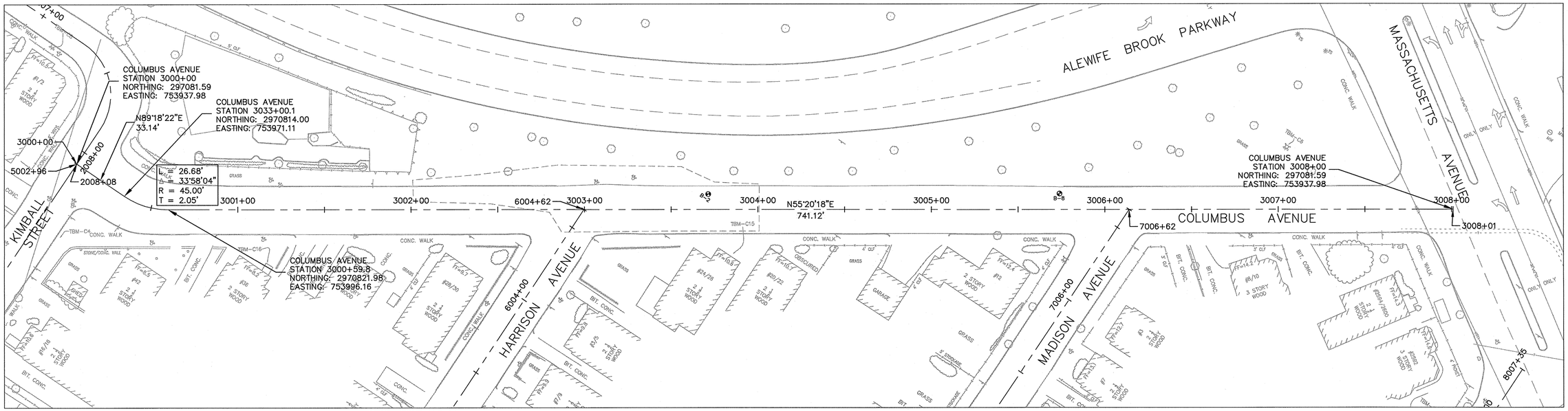

COLUMBUS AVENUE CONSTRUCTION BASELINE

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SCALE IN FEET
SCALE: 1"=30'

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Client: CITY OF CAMBRIDGE, MA

Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: GENERAL - SEAGRAVE ROAD AND COLUMBUS AVENUE CONSTRUCTION BASELINE

Sheet: G-5
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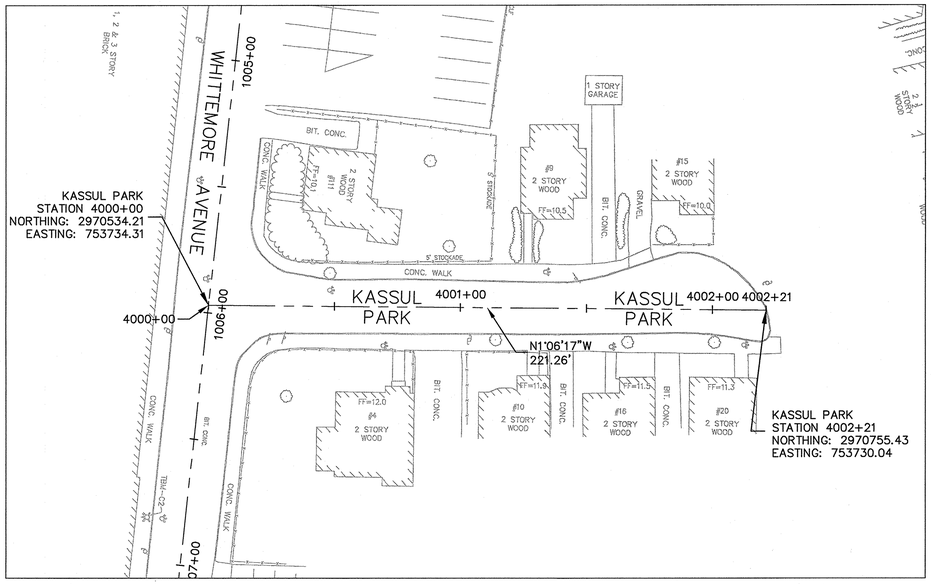

KASSUL PARK CONSTRUCTION BASELINE

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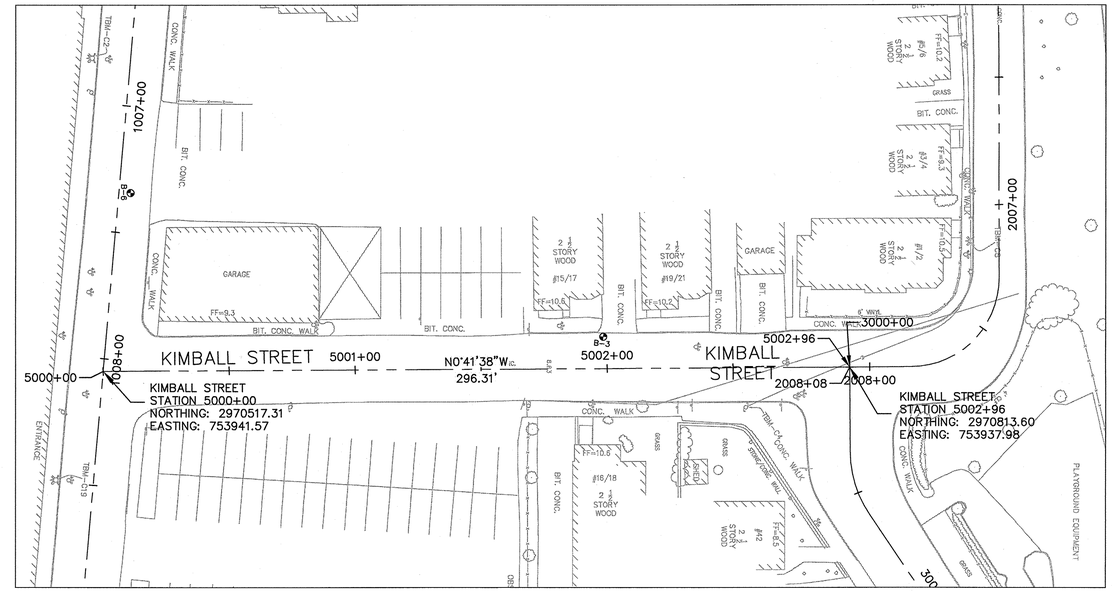
SCALE IN FEET
SCALE: 1"=30'



KIMBALL STREET CONSTRUCTION BASELINE

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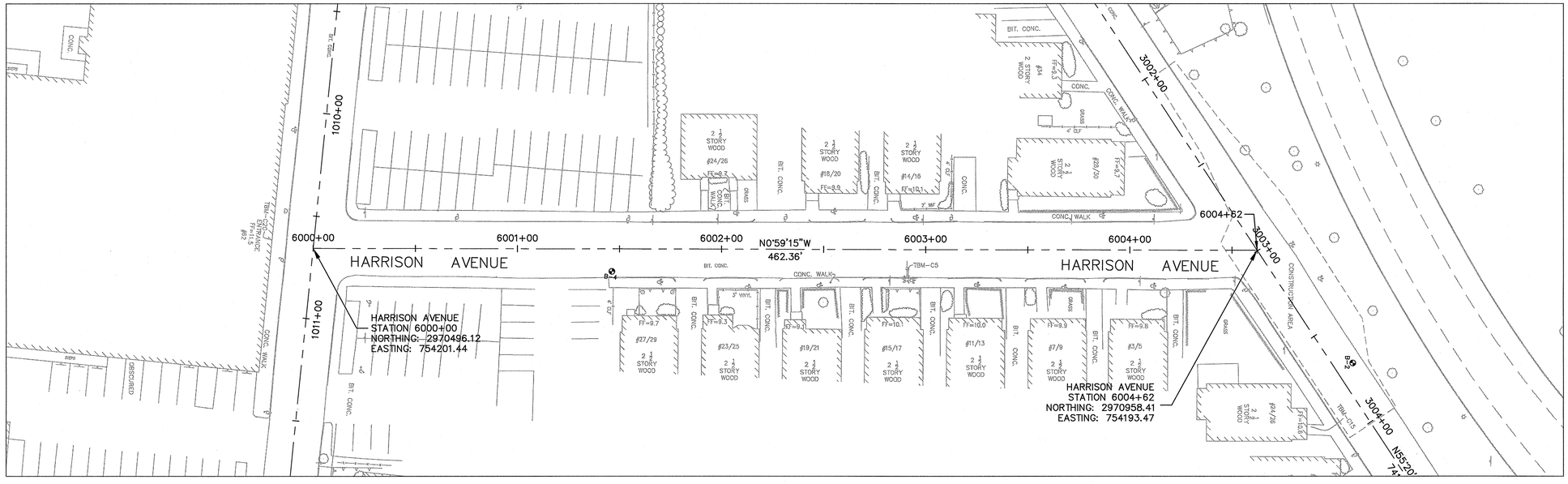

HARRISON AVENUE CONSTRUCTION BASELINE

0 30 60 90
SCALE IN FEET
SCALE: 1"=30'

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THE WORKS
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Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)
Drawing: GENERAL - KASSUL PARK, KIMBALL STREET, AND HARRISON AVENUE CONSTRUCTION BASELINE

Sheet G-6
6 OF 102
File No.

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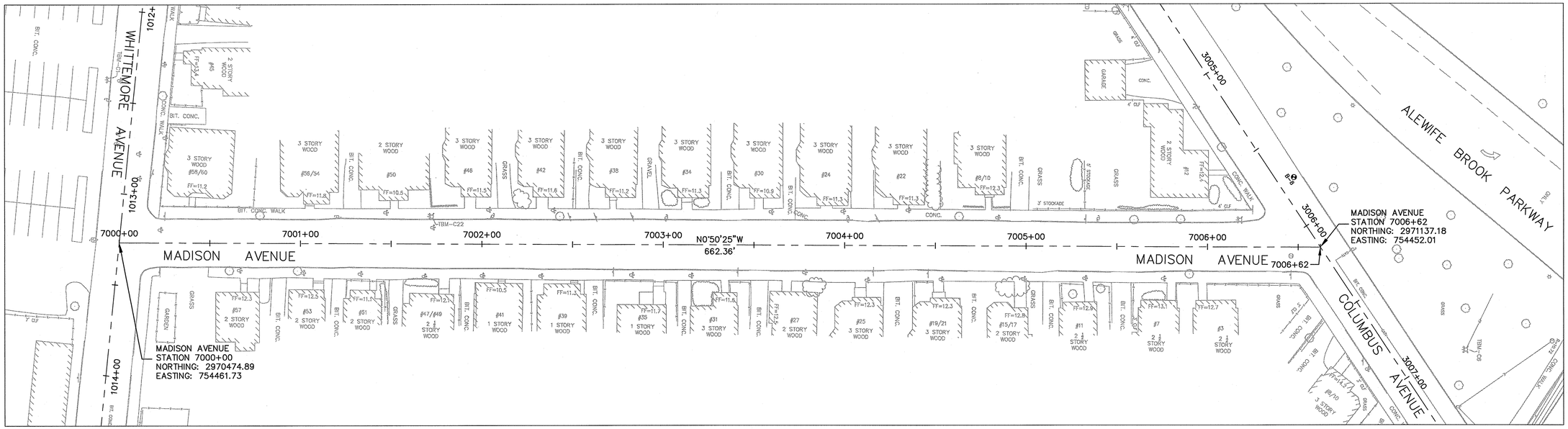
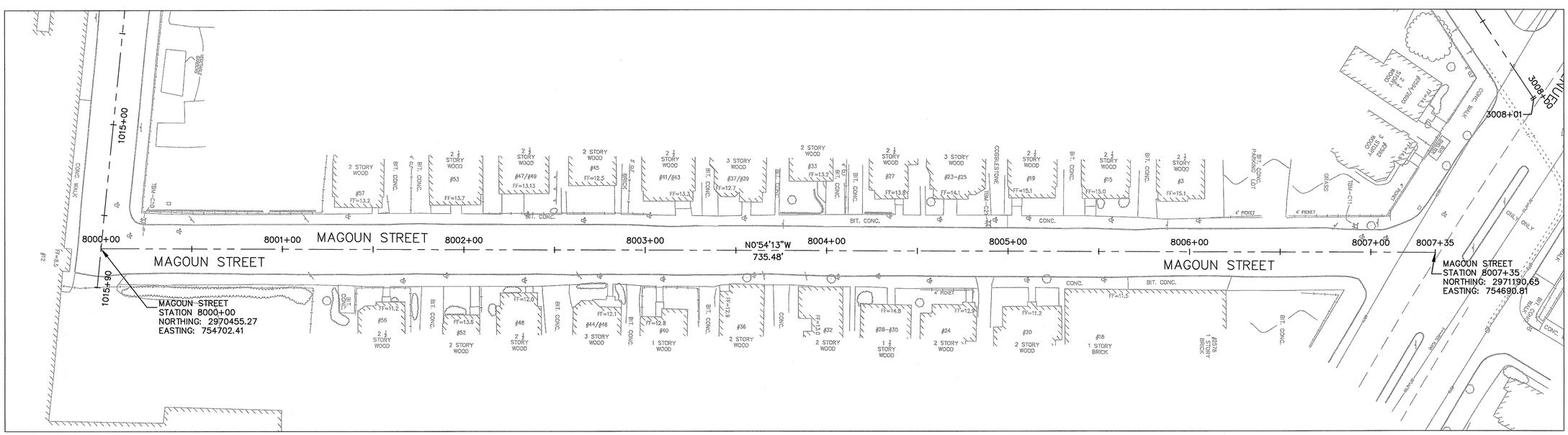


MADISON AVENUE CONSTRUCTION BASELINE

0 30 60 90

SCALE IN FEET
SCALE: 1"=30'



MAGOUN STREET CONSTRUCTION BASELINE

0 30 60 90

SCALE IN FEET
SCALE: 1"=30'

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Project: ALEWIFE BROOK FLOATABLES CONTROL (CONTRACT 4) AND CAM 400 SEWER SEPARATION PROJECT (CONTRACT 13)

Drawing: GENERAL - MADISON AVENUE AND MAGOUN STREET CONSTRUCTION BASELINE

Sheet: G-7
7 OF 102

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