CONSTRUCTION MANAGEMENT PLANS FOR 28 AUSTIN STREET NEWTON, MA

		INDEX			
DWG NO.	SHEET NO.	LAN TITLE			
CMP-001	1	COVER			
CMP-002	2	GENERAL NOTES, LEGEND AND SCHEDULE			
CMP-003	3	TEMPORARY TRAFFIC CONTROL DEVICES			
CMP-004	4	EXISTING CONDITIONS			
CMP-005	5	MOBILIZATION, STORMWATER MANAGEMENT, FOOTINGS & TREE REMOVAL			
CMP-006	6	STAR MARKET PARKING LOT			
CMP-007	7	BASEMENT SUPPORT OF EXCAVATION AND EXCAVATION			
CMP-008	8	BASEMENT CONCRETE FOUNDATION			
CMP-009	9	CONCRETE STRUCTURE AND MODULE ERECTION			
CMP-010	10	XTERIOR FACADE AND INTERIOR FINISHES			
CMP-012	11	ORTH CURB, SIDEWALK AND TREE INSTALLATION			
CMP-011	12	HARDSCAPING AND ROADWAY CONSTRUCTION			
CMP-013	13	RESTORATION PLAN			
CMP-014	14	VEHICLE DETOUR PLAN			
CMP-015	15	TRUCK TURNING MANEUVERS			
CMP-016	16	POTENTIAL OFF-SITE STORAGE AND STAGING AREAS			
CMP-017	17	MODULE TRUCK ROUTING PLAN			
CMP-018	18	SHUTTLE ROUTES AND STOPS			
CMP-019	19	SIGN SUMMARY SHEET			



ALL WORK SHALL CONFORM TO THESE PLANS, THE CITY OF NEWTON STANDARDS AND SPECIFICATIONS, THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 1995, THE SUPPLEMENTAL SPECIFICATIONS DATED NOVEMBER 8, 2000, THE 1996 CONSTRUCTION AND TRAFFIC STANDARDS, THE SUPPLEMENTAL DRAWINGS DATED OCTOBER 25, 2000, THE OCTOBER 1997 MASSHIGHWAY WHEELCHAIR RAMP STANDARDS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, 2003 EDITION, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, AND ALL INTERIM REVISIONS PUBLISHED BY AASHTO. WHERE CONFLICTS EXIST, THE CITY OF NEWTON STANDARDS AND SPECIFICATIONS SHALL GOVERN.

HOWARD STEIN HUDSON

11 Beacon Street, Suite 1010

Boston, MA 02108

www.hshassoc.com

PREPARED FOR:

CITY OF NEWTON

28 AUSTIN STREET NEWTON, MA

RE\	REVISIONS:							
NO	BY	DATE	DESCRIPTION					

ISSUED FOR CONSTRUCTION

CONSTRUCTION MANAGEMENT PLAN

COVER

DATE:	JAN 3, 2018			
PROJECT NUMBER:	2017244			
DESIGNED BY:	B. ZIMOLKA			
DRAWN BY:	B. ZIMOLKA			
CHECKED BY:	R. BURGESS			
CMD 001				

CMP-001

SHEET 1 OF 19

GENERAL NOTES

- 1. THESE PLANS ARE NOT INTENDED TO LIMIT THE CONTRACTORS RIGHT TO SCHEDULE THE WORK BUT TO OUTLINE ONE WAY OF PROGRESSING. THE CONTRACTOR IS EXPECTED TO USE KNOWLEDGE AND EXPERIENCE TO PERFORM THE WORK IN THE MOST SAFE AND EFFICIENT MANNER IN COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS AND MEETING THE REQUIREMENTS OF THE CITY OF NEWTON.
- 2. CONTRACTOR SHALL SUBMIT FOR APPROVAL BY THE CITY, CONSTRUCTION MANAGEMENT PLANS FOR ANY WORK OUTSIDE OF THE WORK ZONES INDICATED IN THESE DRAWINGS.
- 3. ALTERNATIVE PHASING OR MODIFICATIONS TO ANY ASPECT OF THE CONSTRUCTION MANAGEMENT PLANS AND THE CONSTRUCTION STAGING PLANS WILL BE SUBJECT TO REVIEW FOR ACCEPTANCE BY THE CITY PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH THE SUBMISSION AND REVIEW OF ALTERNATIVE CONSTRUCTION MANAGEMENT PLANS AND CONSTRUCTION STAGING PLANS, INCLUDING PRESENTATION TO THE CITY AND THE NEIGHBORHOOD IF NEEDED, VEHICULAR AND PEDESTRIAN TRAFFIC MODELING, LEVEL OF SERVICE (LOS) ANALYSES, AND OTHER ASSOCIATED EFFORTS. ALTERNATIVE CONSTRUCTION MANAGEMENT AND CONSTRUCTION STAGING PLANS SHALL NOT CAUSE AN INTERFERENCE WITH ADJACENT CONTRACTS OR DELAY THE SCHEDULE OR INCREASE THE COST OF THIS OR ANY ADJACENT CONTRACTS. LEVEL OF SERVICE ANALYSIS SHALL BE DEFINED BY THE "HIGHWAY CAPACITY MANUAL."
- 4. THE CONSTRUCTION MANAGEMENT PLANS REQUIRE THAT SPECIFIC SIDEWALK WIDTHS BE MAINTAINED DURING THE VARIOUS STAGES OF CONSTRUCTION TO FACILITATE ACCEPTABLE PEDESTRIAN LEVEL OF SERVICE (LOS) MOVEMENTS ALONG TRAVEL WAYS TO AND FROM ABUTTING BUILDING AND BUSINESSES WITHIN THE PROJECT LIMITS. THE MINIMUM SIDEWALK WIDTHS SHOWN ON THE TRAFFIC MANAGEMENT PLANS ARE BASED ON ENGINEERING ANALYSIS AND ARE LOCATED ON THE PLANS AROUND TEMPORARY FIXED BARRICADED WORK ZONES AT SITE SPECIFIC POINTS OF CONSTRUCTION. THE SIDEWALK WIDTHS SHOWN ON THE CONSTRUCTION MANAGEMENT PLANS SHALL NOT BE DEVIATED FROM WITHOUT THE PERMISSION OF THE CITY. WHEN SPECIFIC DIMENSIONS ARE NOT SHOWN. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 4-FOOT PASSAGE.
- A. CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY PEDESTRIAN ROUTE ACCESSIBLE TO DISABLED PERSONS AROUND BLOCKAGES TO AN EXISTING PEDESTRIAN ROUTE (E.G., SIDEWALKS, CROSSWALKS, PEDESTRIAN CURB RAMPS, ETC.). BLOCKAGES INCLUDE, BUT ARE NOT LIMITED TO, CONSTRUCTION WORK, EXCAVATIONS, EQUIPMENT AND VEHICLES, TEMPORARY WATER AND UTILITY LINES.
- B. SIDEWALK AREAS SHALL REMAIN OPEN AND FREE FROM SAFETY CONTROL DEVICES AND CONSTRUCTION DEBRIS THROUGHOUT THE DURATION OF THE CONSTRUCTION. PEDESTRIAN DETOURING SHALL NOT OCCUR UNLESS APPROVED BY THE CITY.
- 5. CONTRACTOR SHALL SECURE WORK AREAS TO ENSURE PUBLIC SAFETY AND CONVENIENCE. THIS SHALL INCLUDE ENSURING THAT ALL EXCAVATIONS ARE PROTECTED AT ALL TIMES.
- 6. ALL CONSTRUCTION SIGNING, DRUMS, BARRICADES AND OTHER DEVICES SHALL CONFORM WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS AMENDED AND NEWTON
- 7. ALL TRAFFIC CONTROL DEVICES SHALL BE INSTALLED ALONG THE ROADWAY IN ORDER WITH THE FLOW OF TRAFFIC. SIMILARLY, ALL DEVICES SHALL BE REMOVED IN ORDER AGAINST THE FLOW OF TRAFFIC.
- 8. CHANNELIZATION WILL BE ACCOMPLISHED THROUGH THE USE OF RELECTORZIED PLASTIC DRUMS OR APPROVED EQUAL IN ACCORDANCE WITH THE MUTCD.
- 9. CONTRACTOR SHALL COORDINATE WITH THE CITY TO ACCOMMODATE ACCESS NEEDS OF ABUTTING PROPERTIES NOT SPECIFIED IN THE PLANS.
- 10. CONTRACTOR SHALL MAINTAIN EMERGENCY PASSAGE AT ALL TIMES TO BUILDINGS WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL MAINTAIN 24-HOUR EMERGENCY VEHICLE ACCESS TO AND THROUGH CONSTRUCTION
- 11. SAFETY SIGNS PROPOSED FOR LOCATIONS OTHER THAN ERECTED ON TEMPORARY BARRICADES MAY BE ERECTED ON EXISTING LIGHTPOLES, SIGN POSTS. AND OTHER EXISTING FEATURES AS APPROVED BY THE CITY.
- 12. LOCATIONS OF SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. THE CONTRACTOR SHALL ENSURE THAT SIGNS ARE PLACED SO MAXIMUM VISIBILITY IS OBTAINED.
- 13. EXISTING SIGNAGE WHICH CONFLICTS WITH PROPOSED SIGNING SHALL BE REMOVED AND STACKED OR COVERED AS DETERMINED BY THE CITY. IF NECESSARY, AT THE END OF CONSTRUCTION THE CONTRACTOR SHALL RESTORE THE SIGNAGE TO ORIGINAL.
- 14. THE NEWTON POLICE, FIRE, AND TRANSPORTATION DEPARTMENTS SHALL BE ADVISED OF THE SCHEDULE OF CONSTRUCTION AS WELL AS OF ANY DETOURS OR ALTERNATE ROUTES.
- 15. CONTRACTOR SHALL NOT REMOVE PARKING METER HEADS AND SHALL COORDINATE WITH CITY OF BOSTON FOR THEIR REMOVAL.
- 16. WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION, AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR AND THE INFORMATION FURNISHED TO THE CITY FOR RESOLUTION OF THE CONFLICT.
- 17. THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF ELECTRIC, TELEPHONE, AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES AT NO ADDITIONAL COST TO THE CITY. IF THE CONTRACTOR ADJUSTS UTILITY COVERS IT SHALL BE DEEMED PART OF THE WORK AND THERE WILL BE NO ADDITIONAL COMPENSATION.
- 18. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, (SEE CHAPTER 370, ACTS OF 1963, MASSACHUSETTS) PRIOR TO EXCAVATING, BLASTING, INSTALLING, BACKFILLING GRADING, PAVEMENT RESTORATION, OR REPAVING.

- 19. THE ACCURACY AND COMPLETENESS OF UNDERGROUND UTILITIES ARE NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION, SIZE, TYPE, ETC. OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY THE WORK. AT LEAST 72 HOURS BEFORE DIGGING BEGINS, THE CONTRACTOR IS REQUIRED TO CALL DIG SAFE AT (888)344-7233. ALL CITY OWNED UTILITY STRUCTURES WITHIN AREAS AFFECTED BY THE WORK SHALL BE ADJUSTED TO NEW LINE AND GRADE AS DIRECTED BY THE ENGINEER. ANY UTILITY POLES AND/OR GUY POLES WITHIN AREAS AFFECTED BY THE WORK SHALL BE REMOVED AND RESET BY THE RESPECTIVE UTILITY COMPANY. ALTERATIONS TO UTILITIES NOT OWNED BY THE CITY SHALL BE MADE BY THE RESPECTIVE UTILITY OWNERS.
- 20. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR CONSTRUCTION MANAGEMENT EFFORTS OUTSIDE OF THE SITE PLANS AND TO COMPLY WITH CONDITIONS OUTLINED WITHIN THE PLANS AND SPECIFICATIONS USING APPROVED METHODS.
- 21. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS, INCLUDING STAGING AREAS, SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- 22. THE CONTRACTOR IS HEREBY NOTIFIED THAT ADDITIONAL WORK WITHIN THE PROJECT LIMITS MAY BE PERFORMED BY OTHERS.
- 23. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
- 24. THE CONTRACTOR SHALL VERIFY PROPERTY LIMITS PRIOR TO CONSTRUCTION AND PLACE ANY TEMPORARY OR NEW EQUIPMENT WITHIN THE PROJECT LIMITS OR THE CITY OF BOSTON'S RIGHT OF WAY.
- 25. PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT FOR REVIEW A DETAILED SCHEDULE OF OPERATIONS IN ADDITION TO OTHER CONTRACT REQUIREMENTS TO THE CITY OF NEWTON TRANSPORTATION DEPARTMENT AND PUBLIC WORKS DEPARTMENT.
- 26. ANY WORK ASSOCIATED WITH THIS CONSTRUCTION MANAGEMENT PLAN SHALL BE PERFORMED IN ACCORDANCE WITH THE NEWTON PUBLIC WORKS DEPARTMENT STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS.

CMP LEGEND

- 27. NO EXISTING PUBLIC UTILITY STRUCTURES SHALL BE ABANDONED AND/OR DISMANTLED WITHOUT AUTHORIZATION FROM THE CITY.
- 28. THE CONTRACTOR SHALL DISPOSE OF ALL WASTE MATERIAL IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS AT HIS OWN EXPENSE.
- 29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE STREET LIGHTING ADJACENT TO THE PROJECT, FOR THE DURATION OF THE PROJECT, AS APPROVED BY THE CITY. CONTRACTOR SHALL ENSURE THAT STREET LIGHTING SERVICE WILL NOT BE INTERRUPTED AND THAT STREET LIGHTING WILL BE OPERATIONAL AT THE END OF EACH WORKDAY.
- 30. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, OR APPROVED EQUAL, AND MEET CITY SPECIFICATIONS. IF NECESSARY. AT THE END OF CONSTRUCTION THE CONTRACTOR SHALL RESTORE THE PAVEMENT MARKINGS TO ORIGINAL.
- 31. THE CONTRACTOR SHALL ERADICATE EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS.
- 32. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY TRAFFIC SIGNAL EQUIPMENT, LOOP DETECTORS, PAVEMENT MARKINGS, AND SIGNAGE DAMAGED OR TEMPORARILY REMOVED DURING CONSTRUCTION.
- 33. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ANY WEIGHT RESTRICTIONS ON AREA BRIDGES AND TO INSURE THAT TRAFFIC DOES NOT EXCEED WEIGHT RESTRICTIONS IF BRIDGES ARE USED.
- 34. AT CROSSWALK LOCATIONS AND OTHER LOCATIONS WHERE PEDESTRIAN AND/OR VEHICLE SIGHT LINES MAY BE IMPACTED BY CONSTRUCTION FENCING, THE CONTRACTOR SHALL NOT INSTALL AND SCREEN THAT MAY DIMINISH SIGHT LINES.

PORTABLE PRECAST CONCRETE BARRIER

CHAIN LINK FENCE ON CONCRETE BARRIER

> PORTABLE PRECAST CONCRETE BARRIER WITH HANDRAIL

TAPERED END BARRIER IMPACT ATTENUATOR

WATER-FILLED TEMPORARY BARRIER

TEMPORARY WHEELCHAIR RAMP (SIDE APRONS)

TEMPORARY PARALLEL -WHEELCHAIR RAMP

TEMPORARY PERPENDICULAR WHEELCHAIR RAMP

BUILDING ACCESS POINTS

CONSTRUCTION GATE ROLLING GATE

———— PERMANENT CHAIN LINK FENCE

———— MOVEABLE CHAIN LINK FENCE

CONSTRUCTION DRUM

CONSTRUCTION CONE

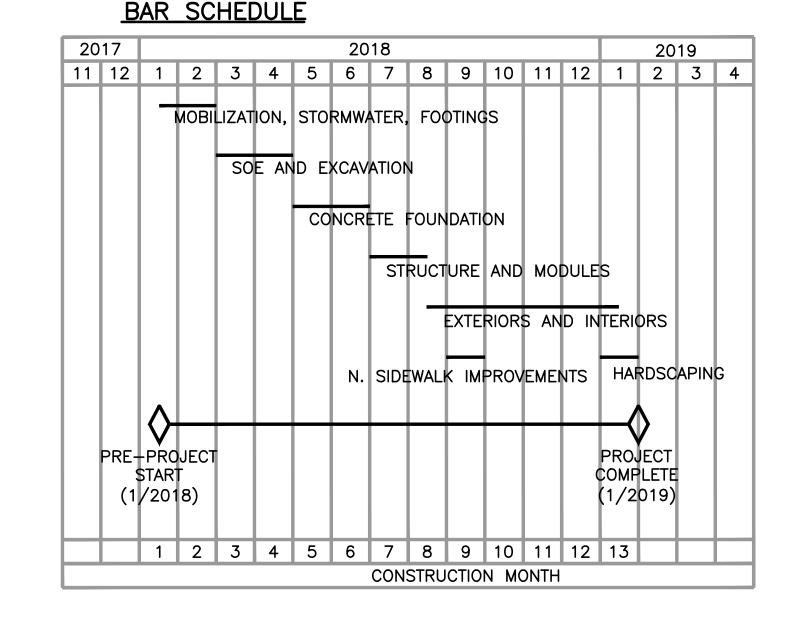
TRAFFIC FLOW

PEDESTRIAN FLOW

PARKING ATTENDANT

POLICE DETAIL

SIGNALIZED INTERSECTION





HOWARD STEIN HUDSON 11 Beacon Street, Suite 1010

Boston, MA 02108

www.hshassoc.com

PREPARED FOR:

CITY OF NEWTON

STR WTON Z F AU 28

REVISIONS:								
NO	BY	DATE	DESCRIPTION					

ISSUED FOR CONSTRUCTION

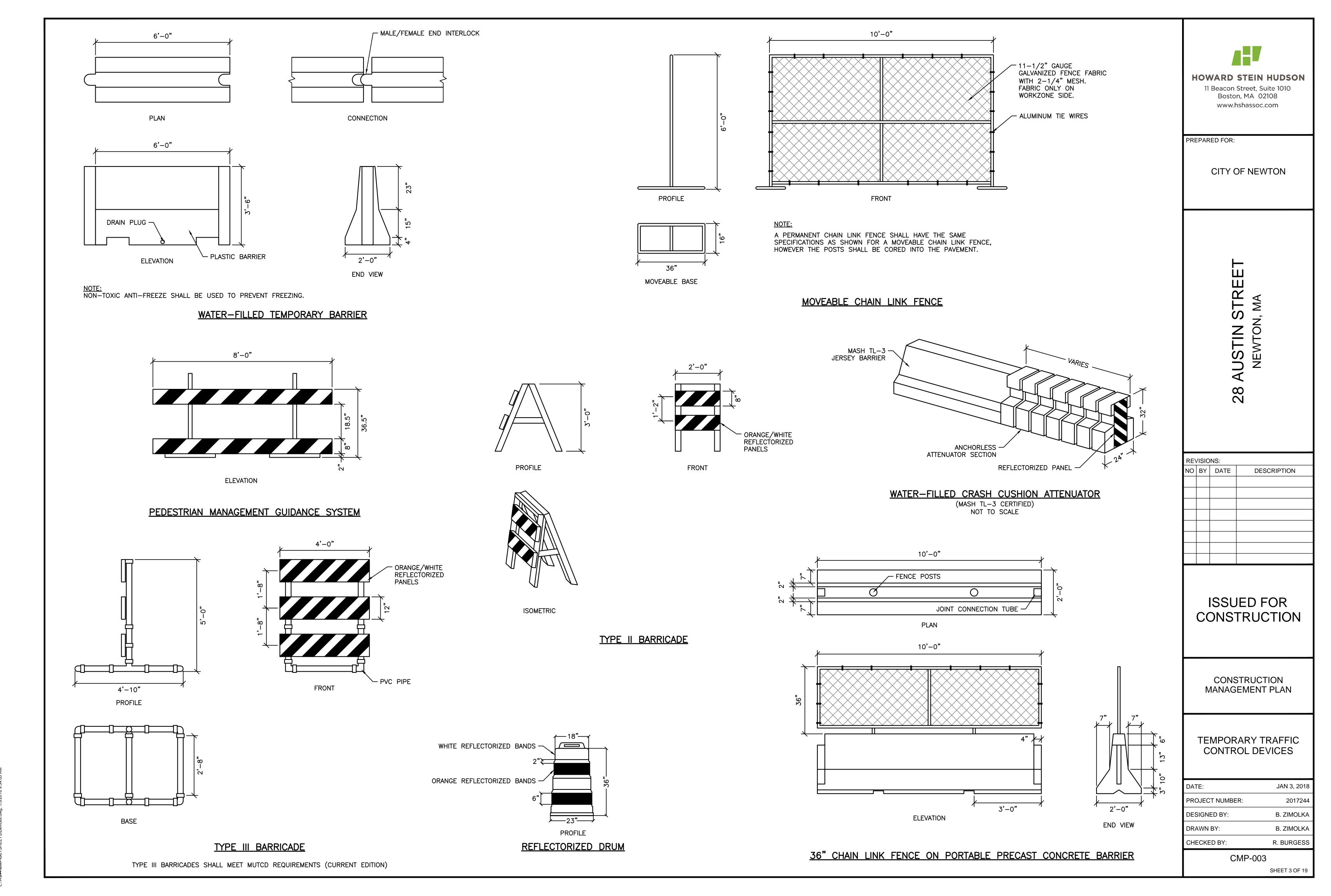
CONSTRUCTION MANAGEMENT PLAN

GENERAL NOTES, LEGEND AND SCHEDULE

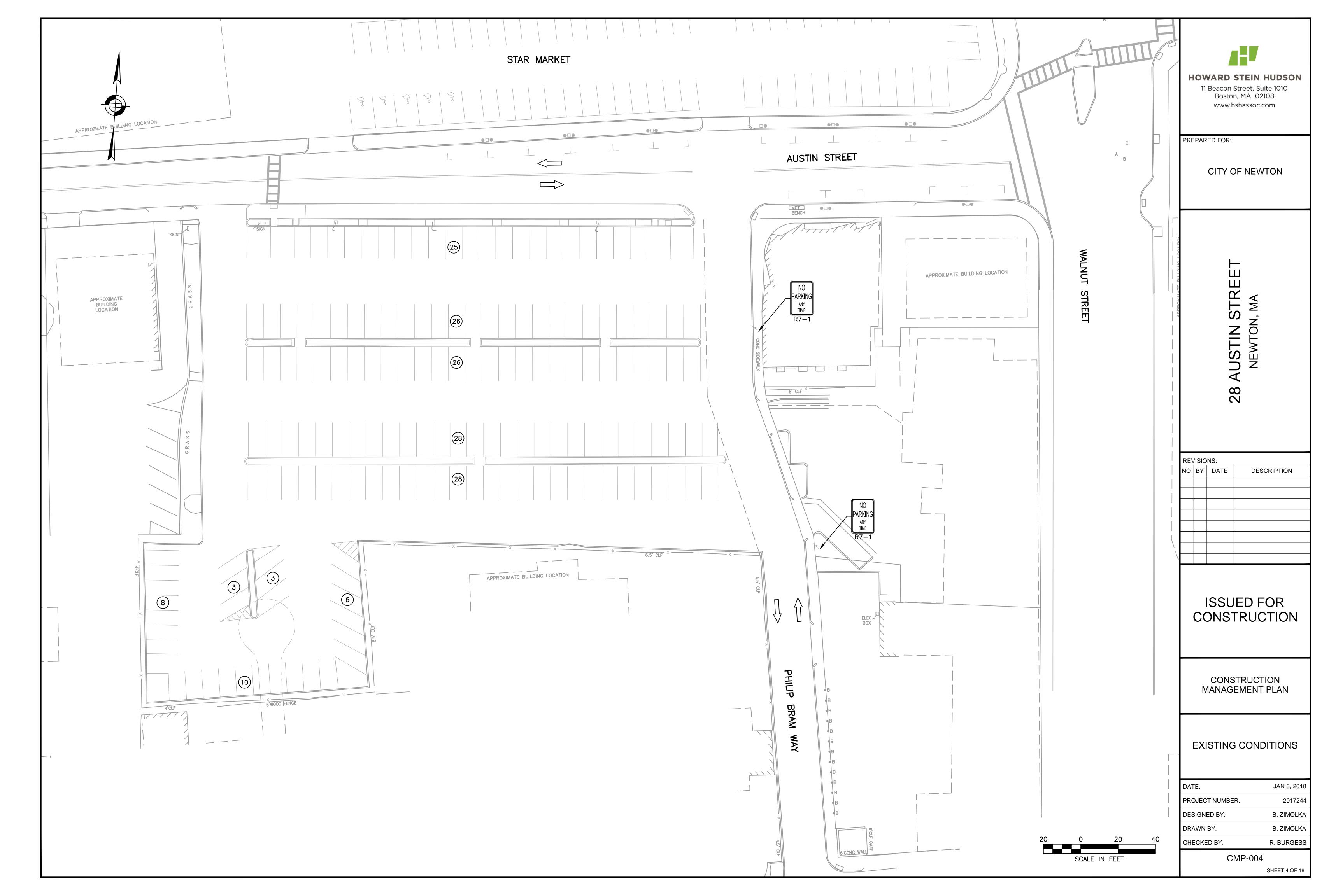
DATE: JAN 3, 2018 PROJECT NUMBER: 2017244 **DESIGNED BY:** B. ZIMOLKA DRAWN BY: B. ZIMOLKA CHECKED BY: R. BURGESS

CMP-002

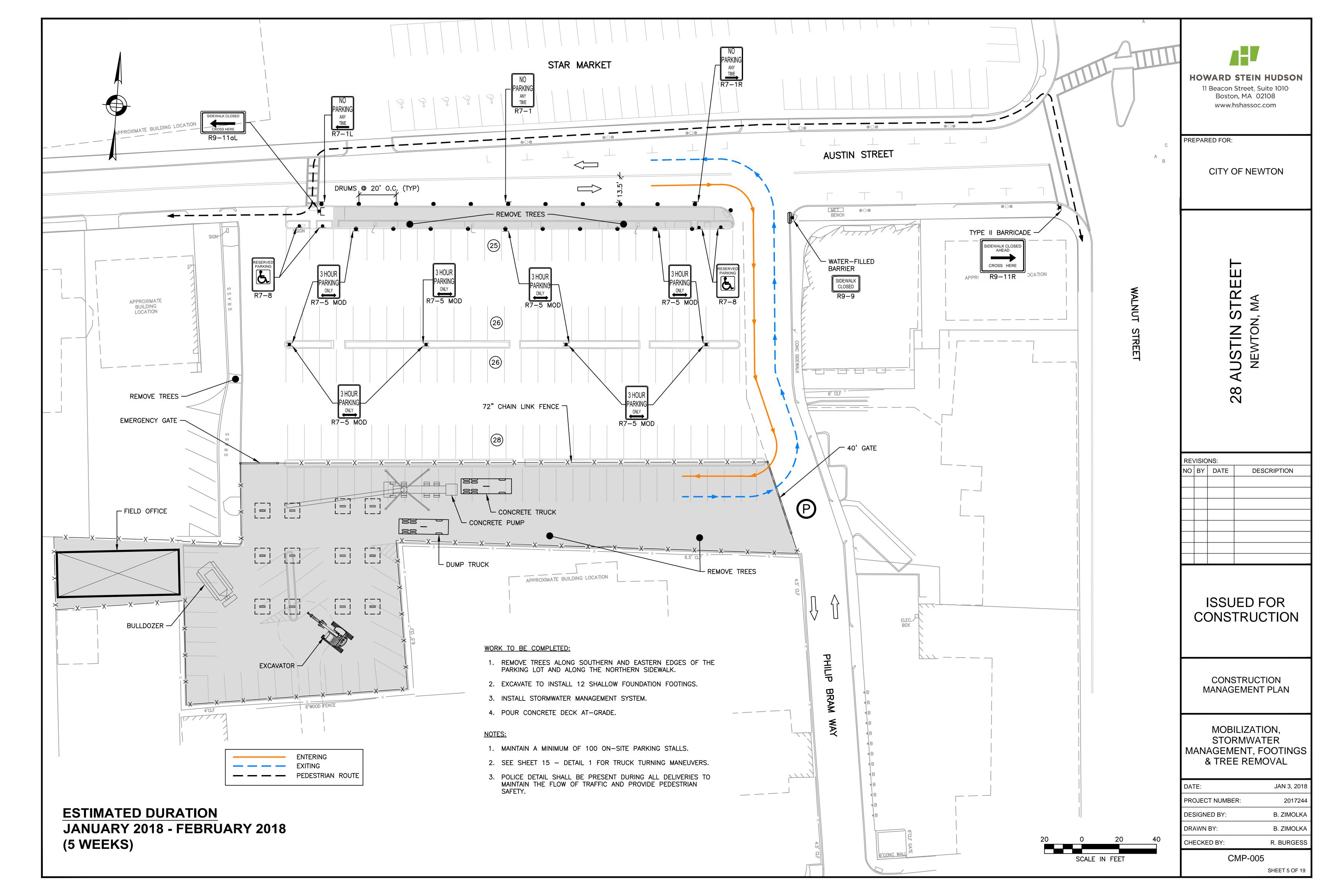
SHEET 2 OF 19



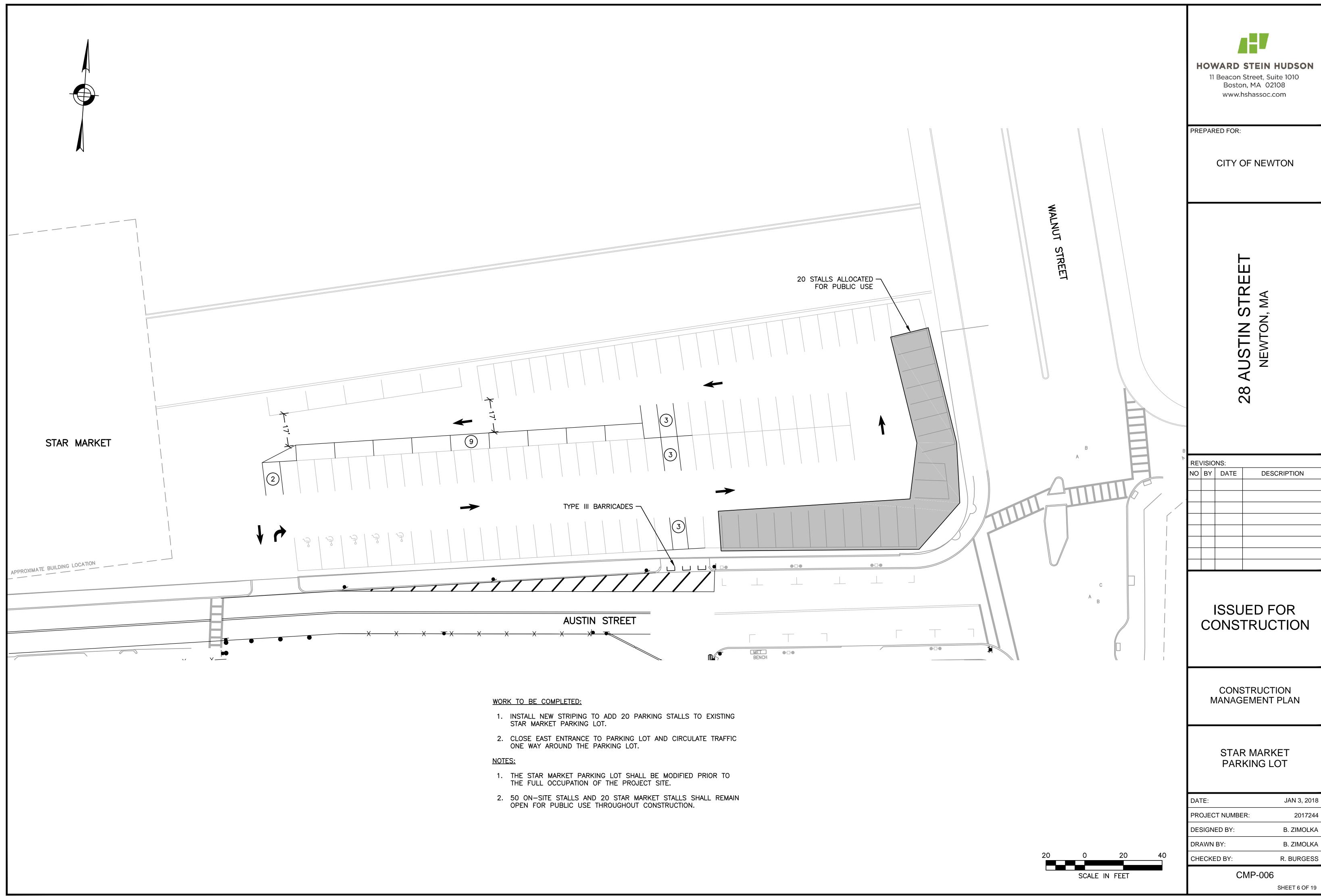
2/5/2015 L:\17244\CMP\CUTSHEETS\Devices.d



2/5/2015 L:\17244\CMP\CUTSHEETS\Existing.dwg 物図4秒(GNTSHEETS\Existing.dwg, 1/3/2018 9:34:11 /



2/5/2015 L:\17244\CMP\CUTSHEETS\Mobilization-Spread Footings.dwg L:\Properties | 1/3/2018 9:34:17

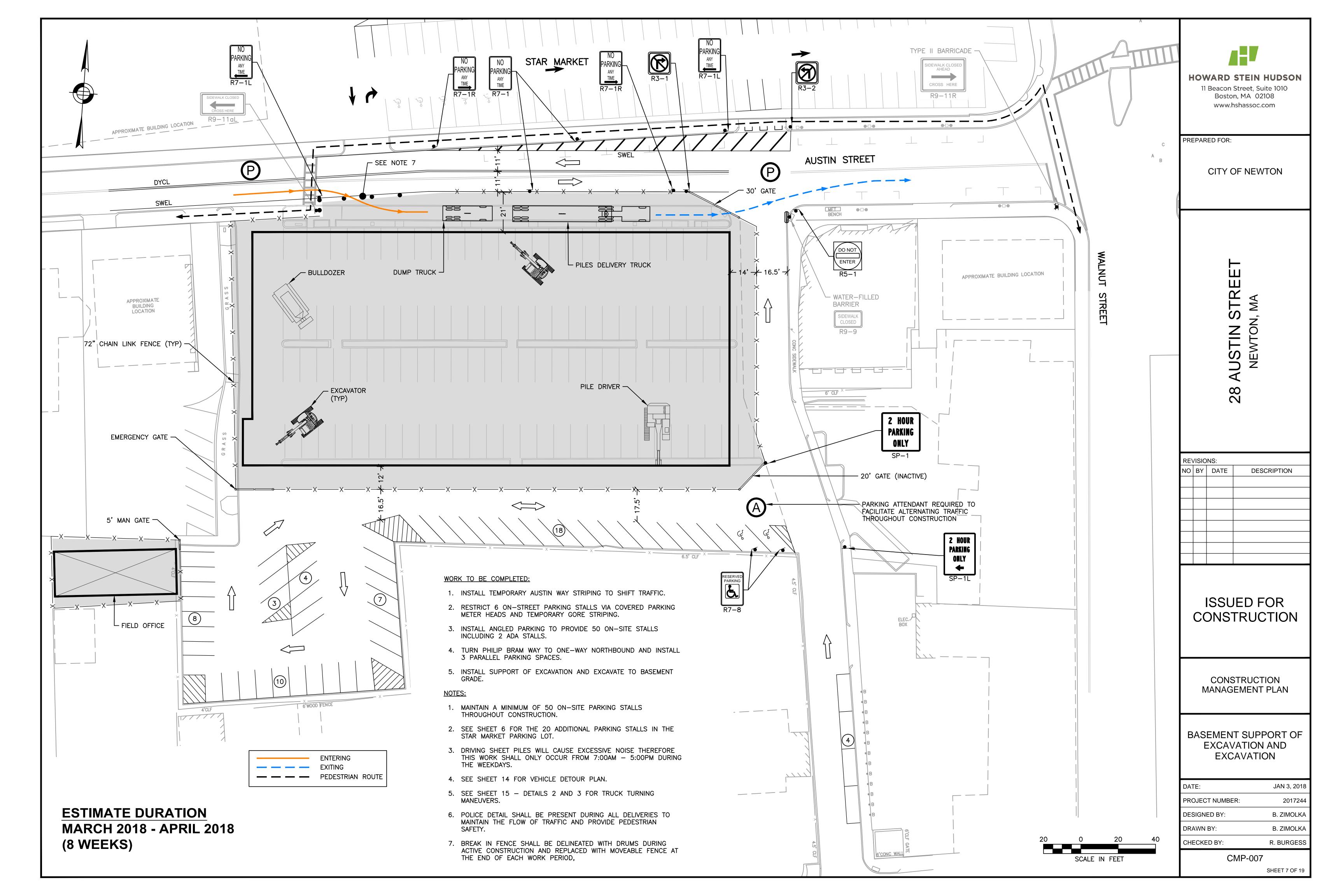


11 Beacon Street, Suite 1010

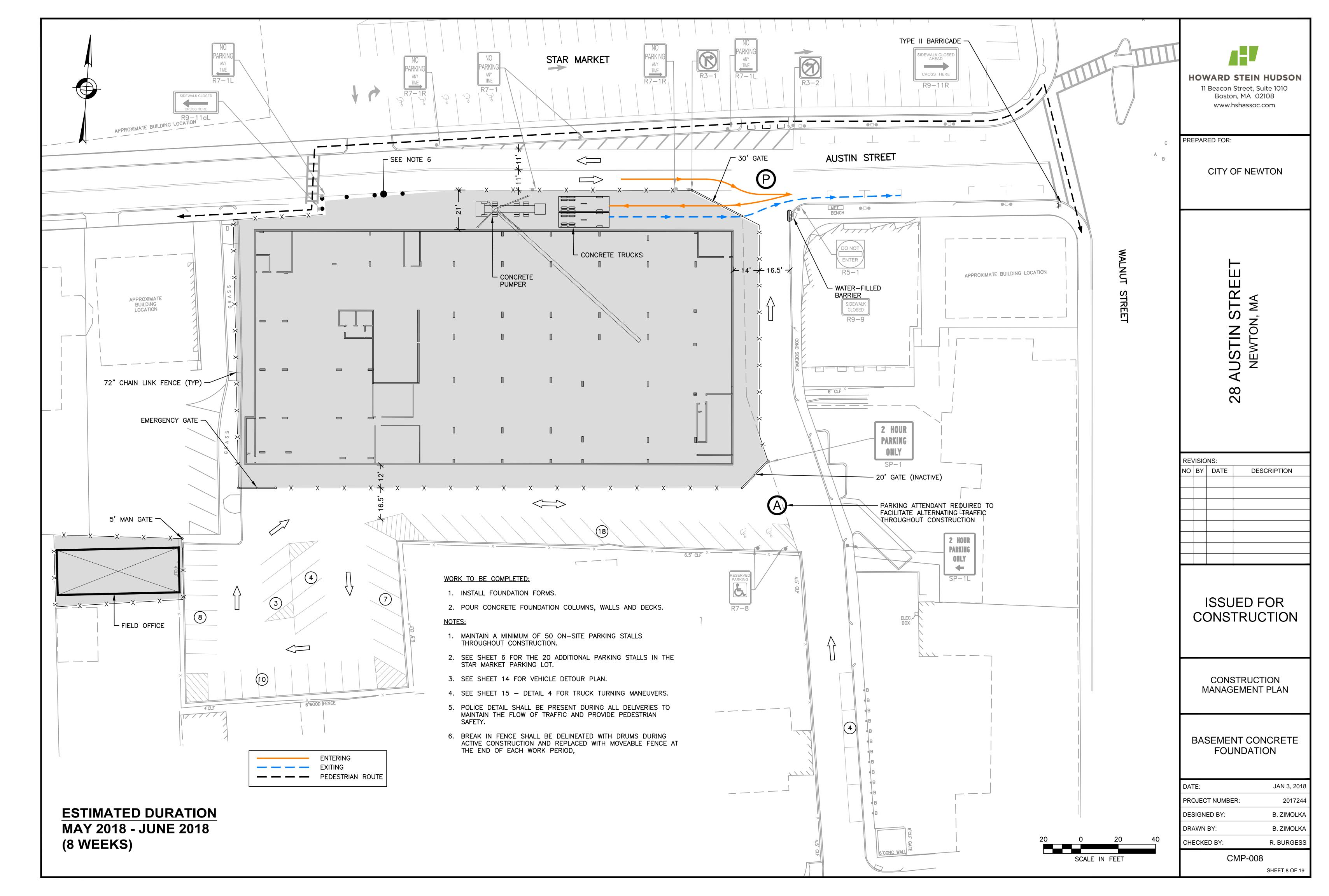
В				
A	RE\	/ISIO	NS:	
	NO	BY	DATE	DESCRIPTION

ISSUED FOR

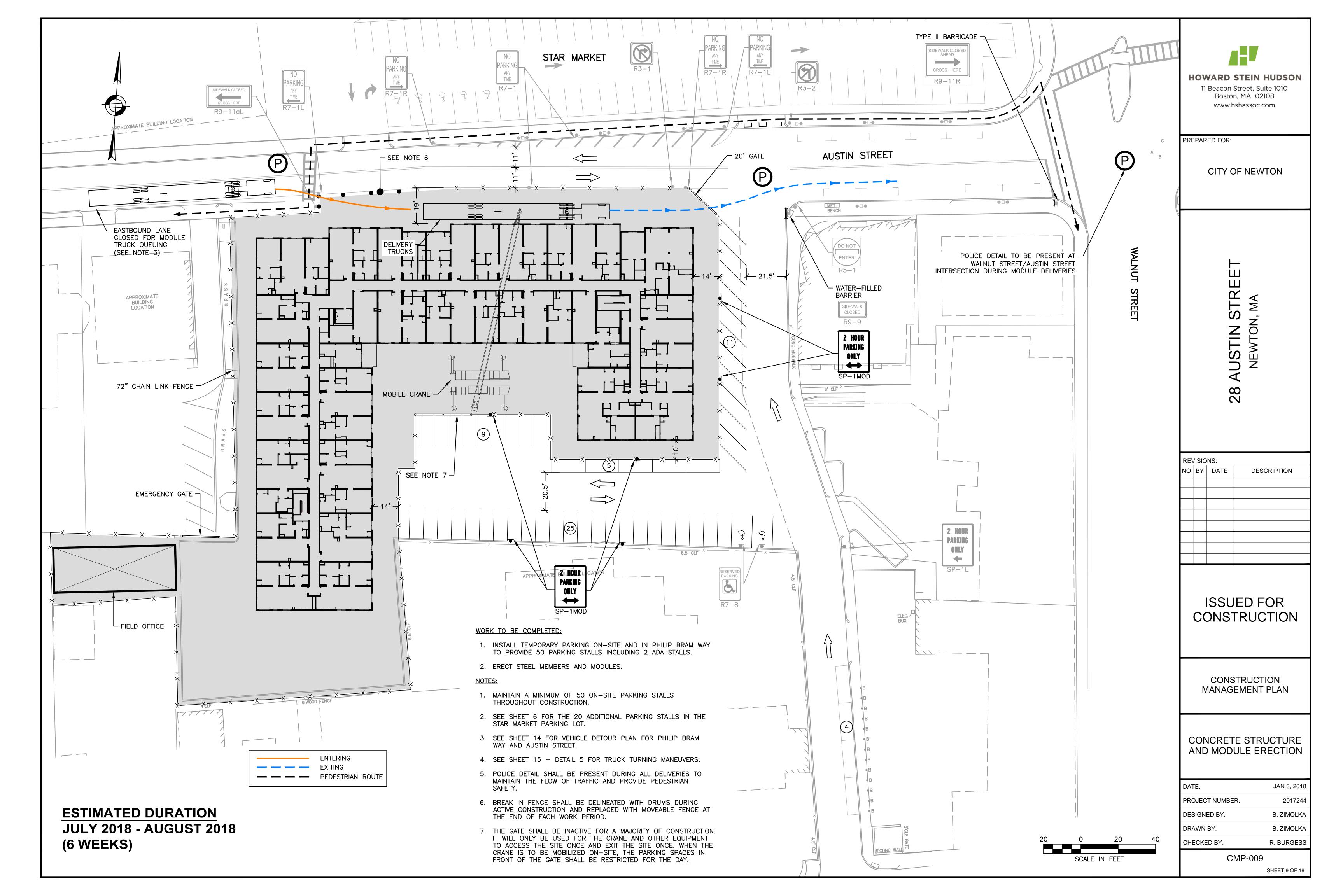
DATE:	JAN 3, 2018				
PROJECT NUMBER:	2017244				
DESIGNED BY:	B. ZIMOLKA				
DRAWN BY:	B. ZIMOLKA				
CHECKED BY:	R. BURGESS				
CMP-006					



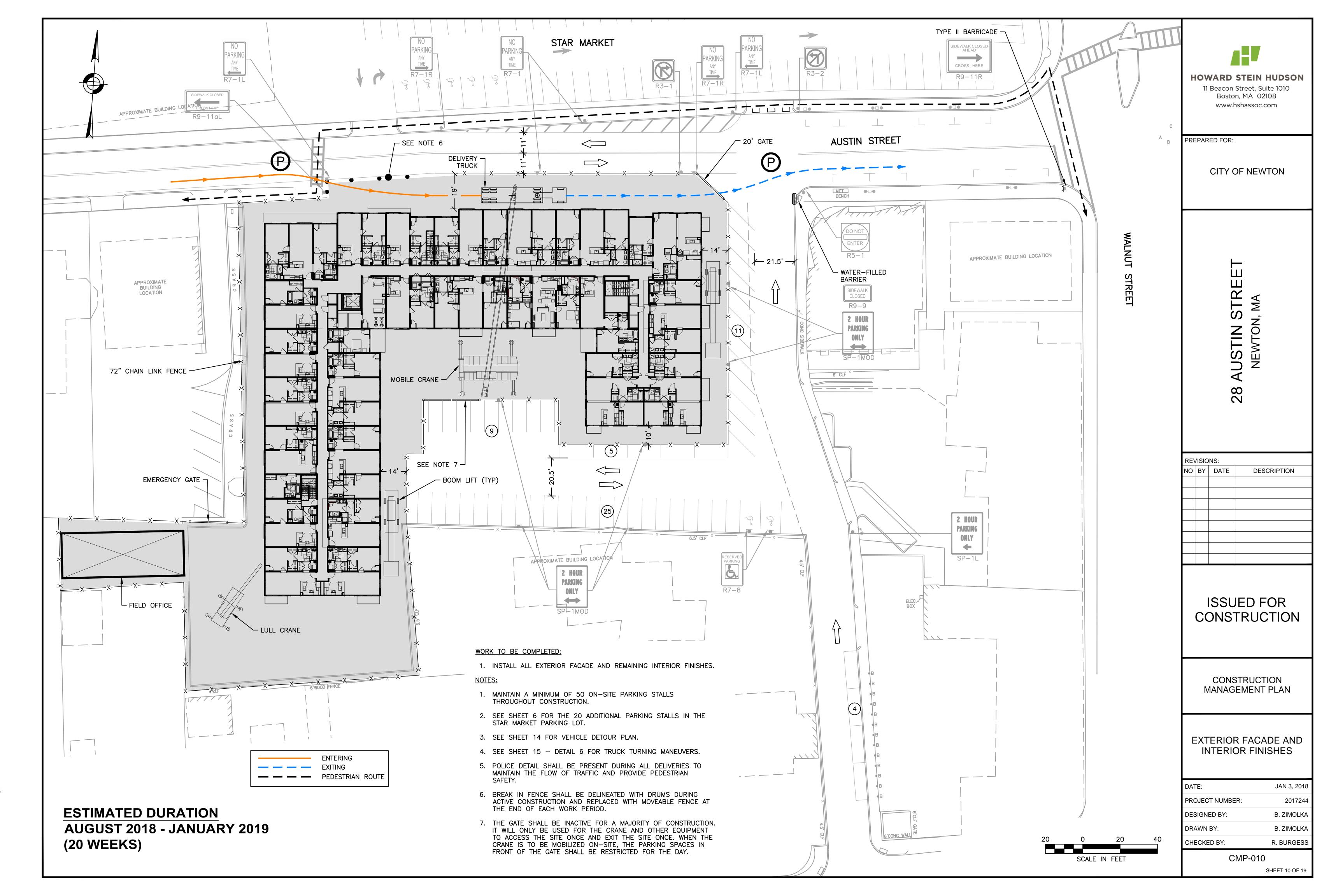
2/5/2015 L:\17244\CMP\CUTSHEETS\BASEMENT EXCAVATION.dwg L:**- 中244(Ginpike**UTSHEETS\BASEMENT EXCAVATION.dwg, 1/3/2018 9:34:32 AM



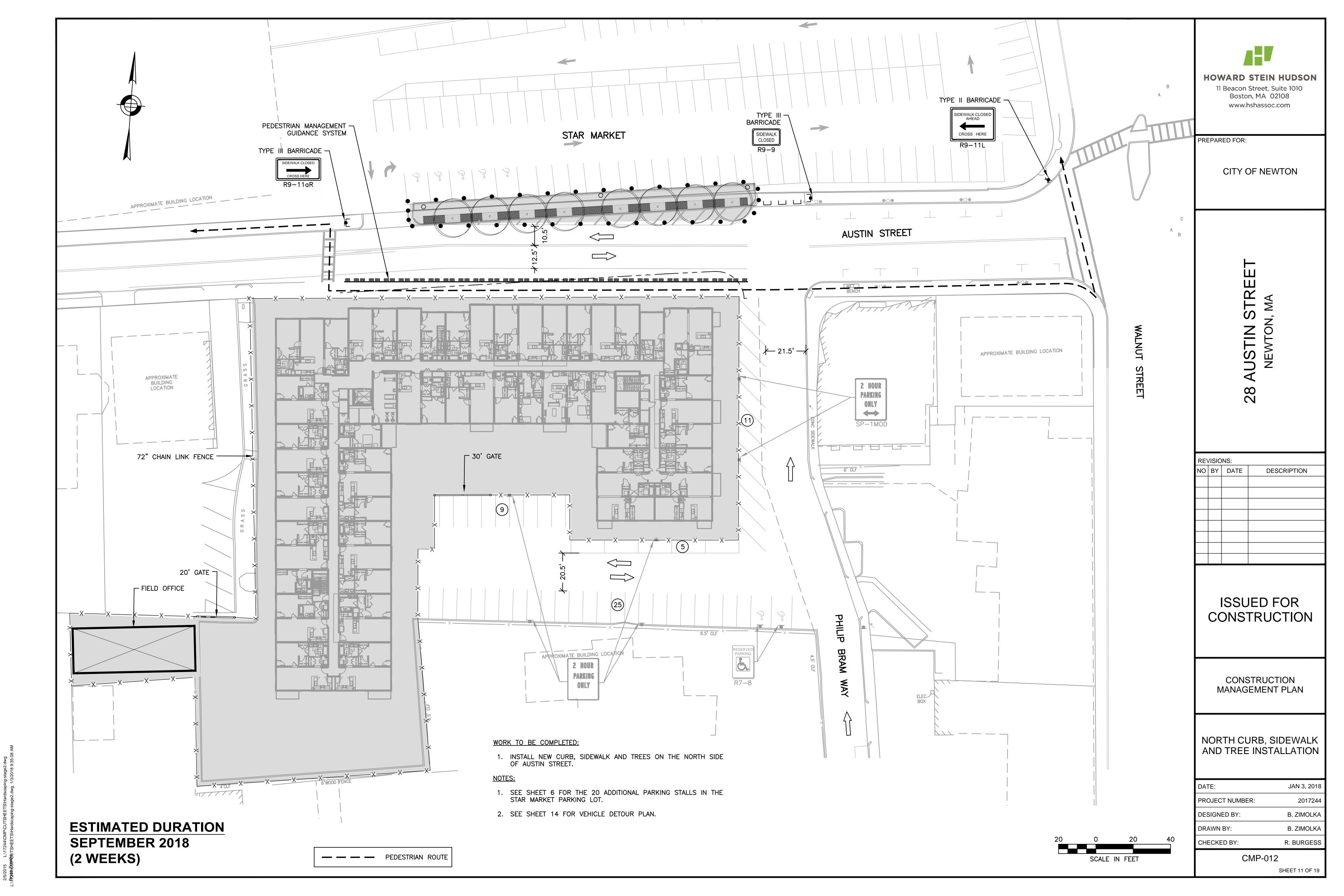
2/5/2015 L:\17244\CMP\CUTSHEETS\Basement Foundation.dwg L:**科244\circ**(dipologutSHEETS\Basement Foundation.dwg, 1/3/2018 9:34:4:

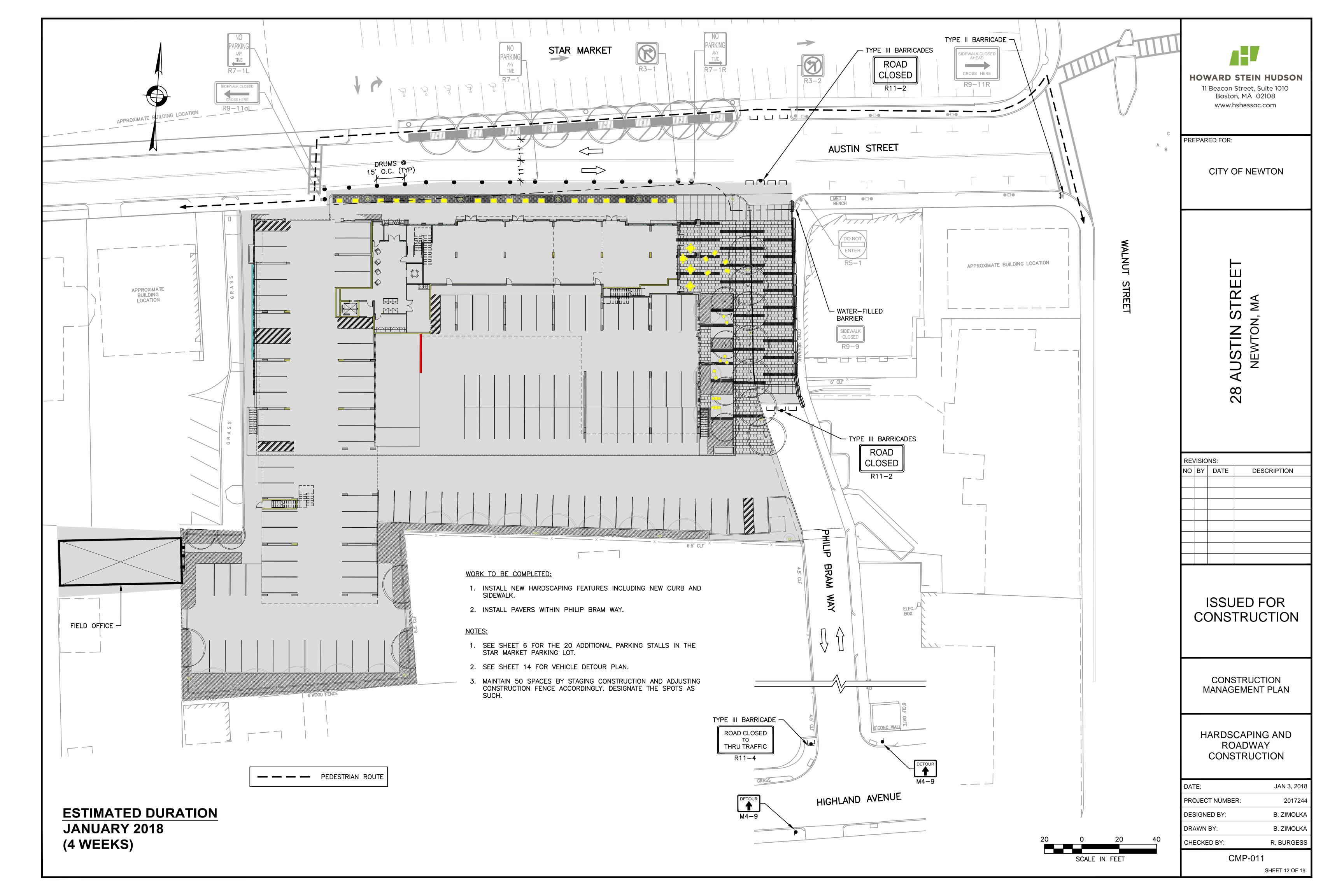


2/5/2015 L:\17244\CMP\CUTSHEETS\Structure Erection.dwg L:**P控4机Ginn\6**UTSHEETS\Structure Erection.dwg, 1/3/2018 9:34:48 AM

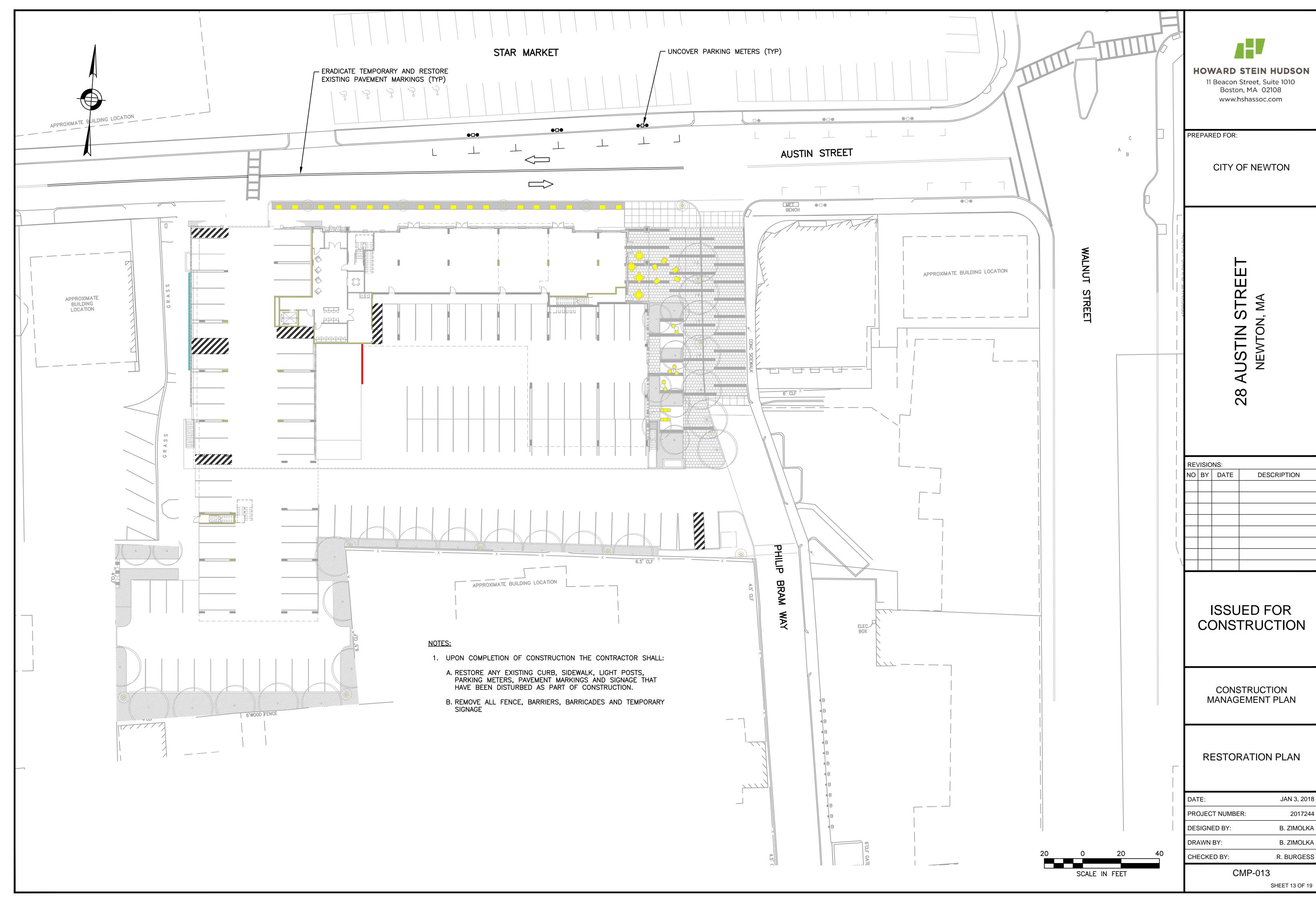


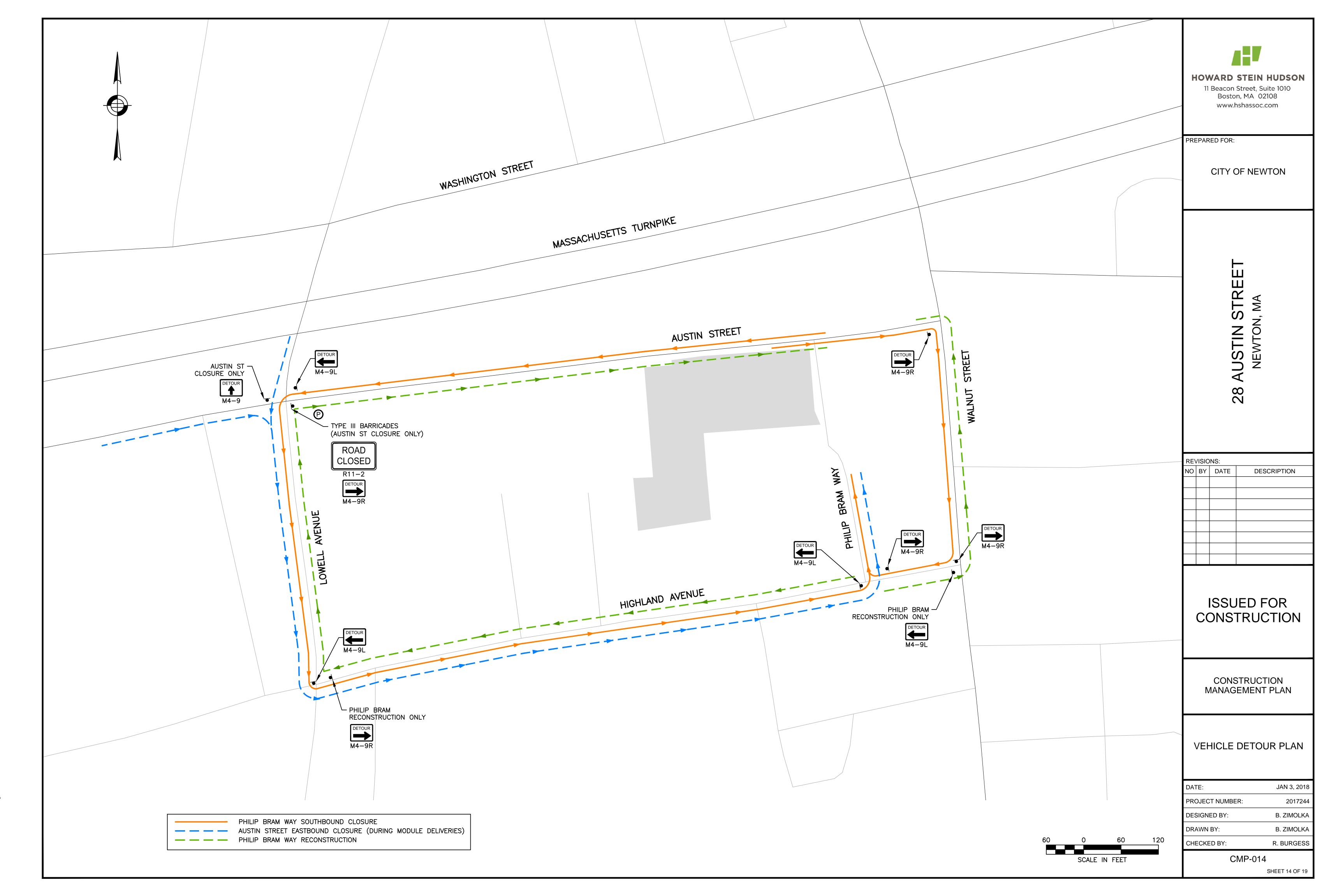
2/5/2015 L:\17244\CMP\CUTSHEETS\Exteriors-Interiors.dw L:**P2240\Ginp\(8**0TSHEETS\Exteriors-Interiors.dwg, 1/3/2018 9:34





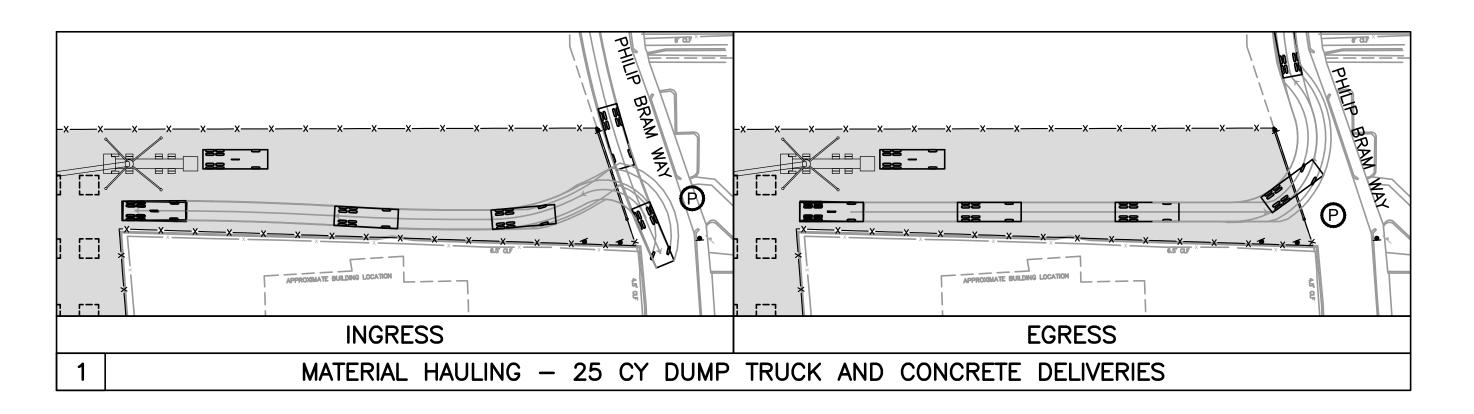
Z/5/Z015 L:\17244\CMP\CU I SHEE I S\Hardscaping.dwg L:**Przate@inne\ka**USHEETS\Hardscaping.dwg, 1/3/2018 9:35:1'

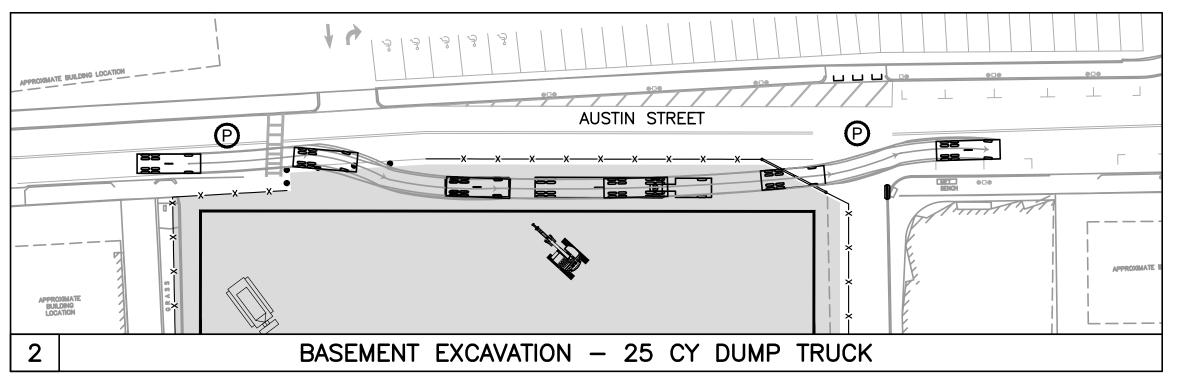


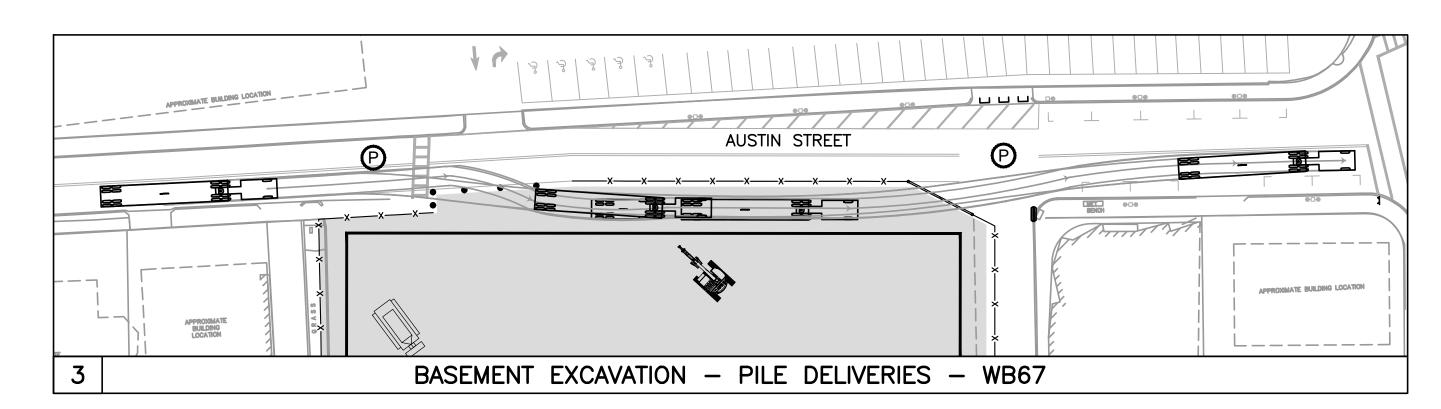


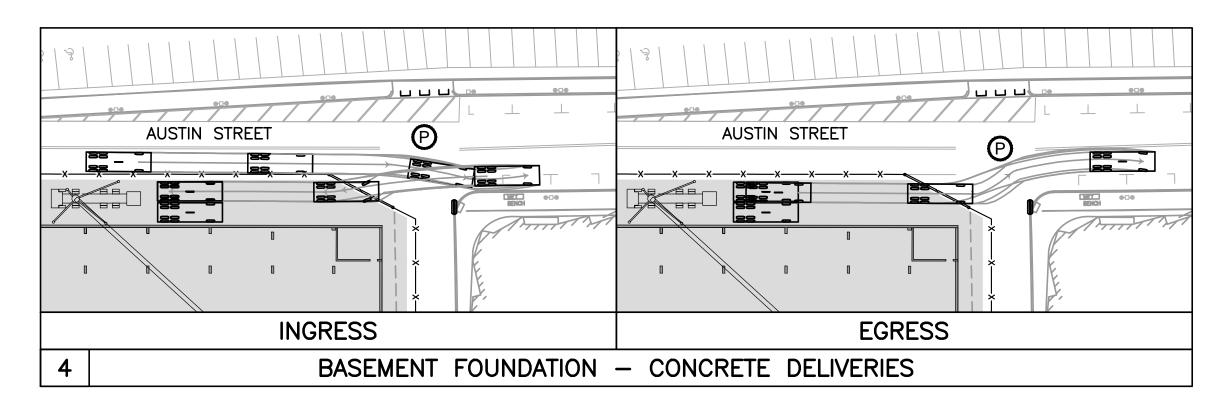
2/5/2015 L:\17244\CMP\CUTSHEETS\Vehicle Detou L:**P效如心(inp\k**包TSHEETS\Vehicle Detour.dwg, 1/3/2018

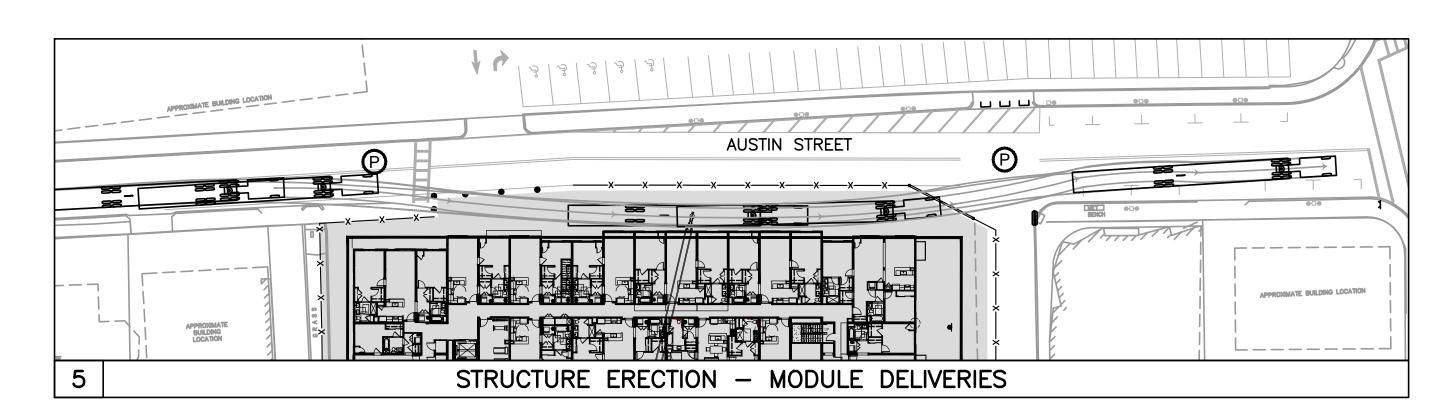


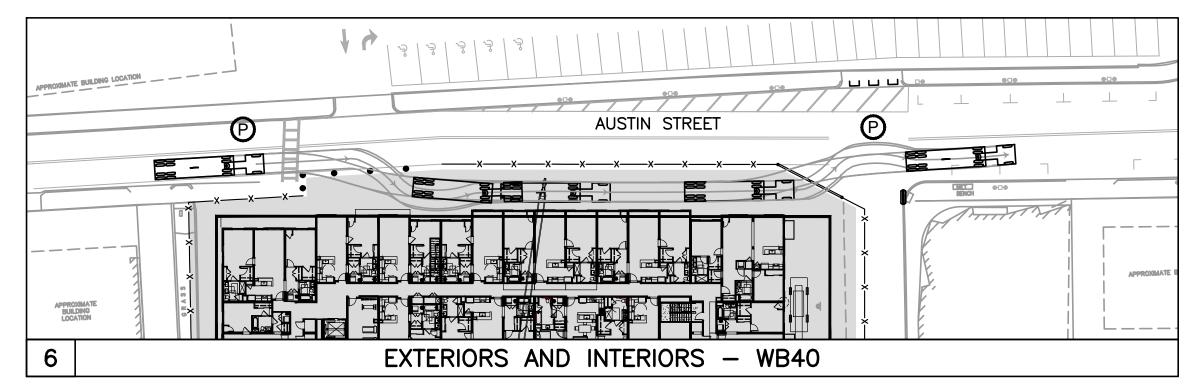




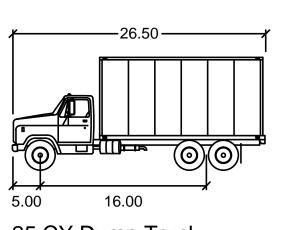




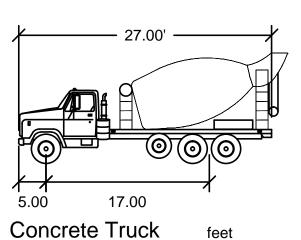




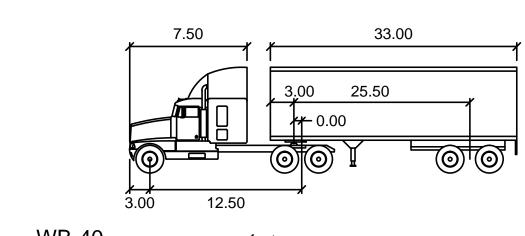
Tractor Track Trailer Track



25 CY Dump Truck feet : 8.00 : 8.00 : 6.00 : 40.00 Track Lock to Lock Time Steering Angle

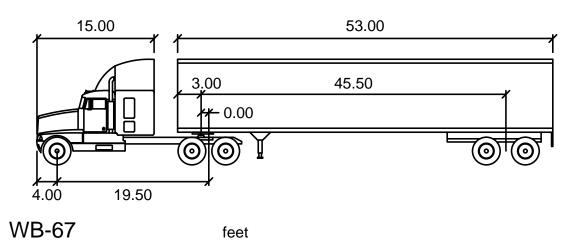


Concrete Truck Width Track : 8.00 : 8.00 : 6.00 : 40.00 Lock to Lock Time Steering Angle

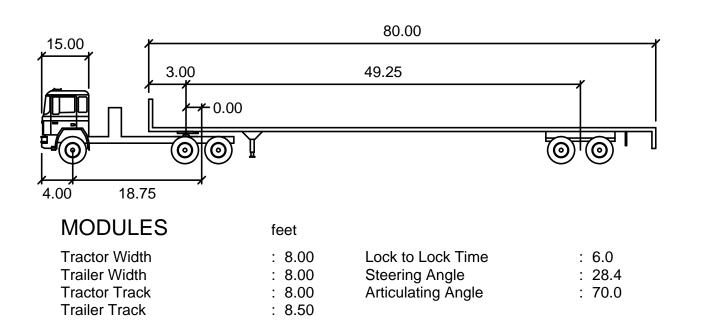


WB-40 Lock to Lock Time Steering Angle Articulating Angle Tractor Width Trailer Width Tractor Track : 8.00 : 8.00 : 8.00 Trailer Track

: 20.30 : 70.00



Lock to Lock Time Steering Angle Articulating Angle : 6.00 : 28.40 : 75.00 Tractor Width Trailer Width Tractor Track : 8.50 : 8.00 Trailer Track : 8.50





Boston, MA 02108 www.hshassoc.com

PREPARED FOR:

CITY OF NEWTON

AUSTIN STREET 28

REVISIONS:								
NO	BY	DATE	DESCRIPTION					

ISSUED FOR CONSTRUCTION

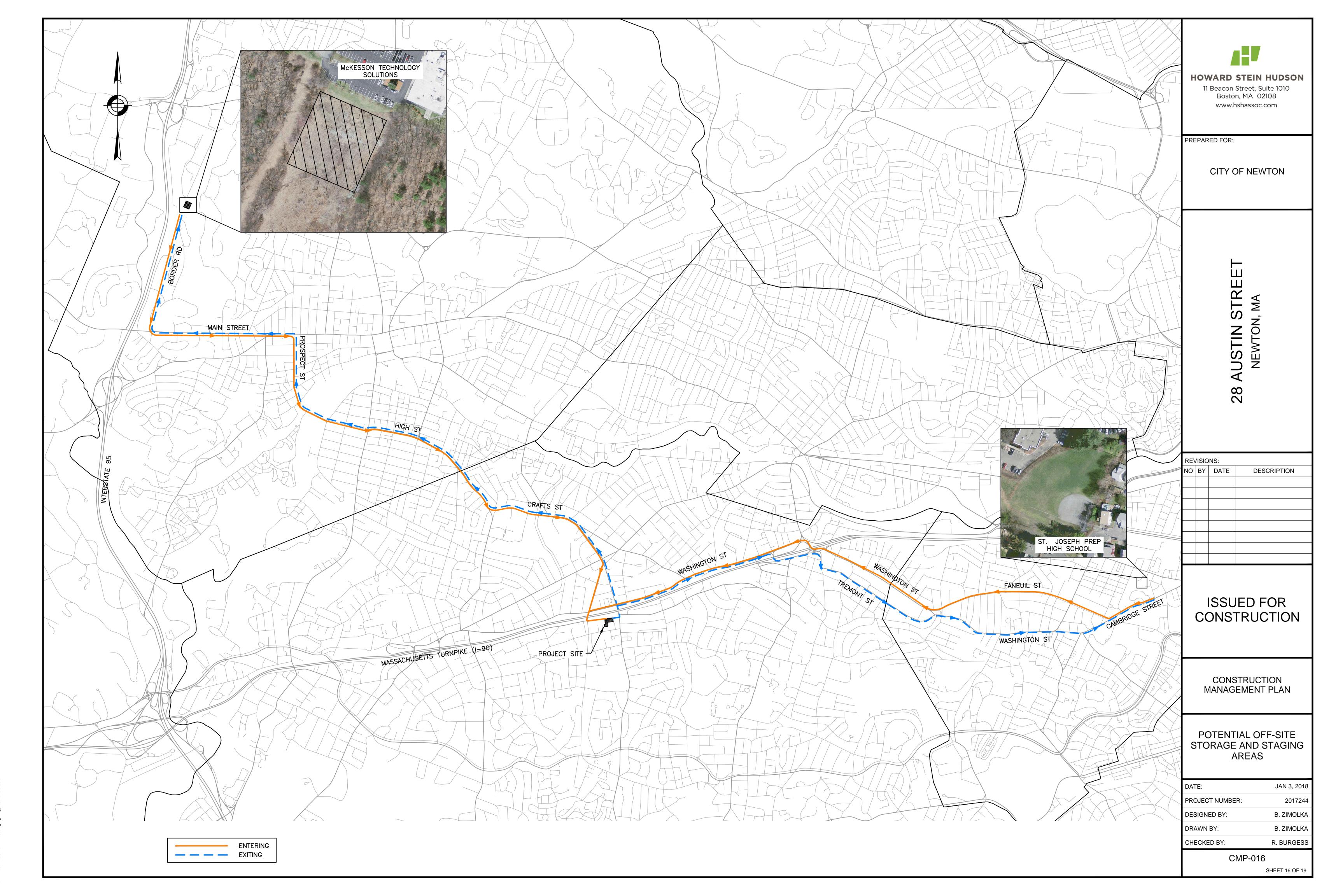
CONSTRUCTION MANAGEMENT PLAN

TRUCK TURNING **MANEUVERS**

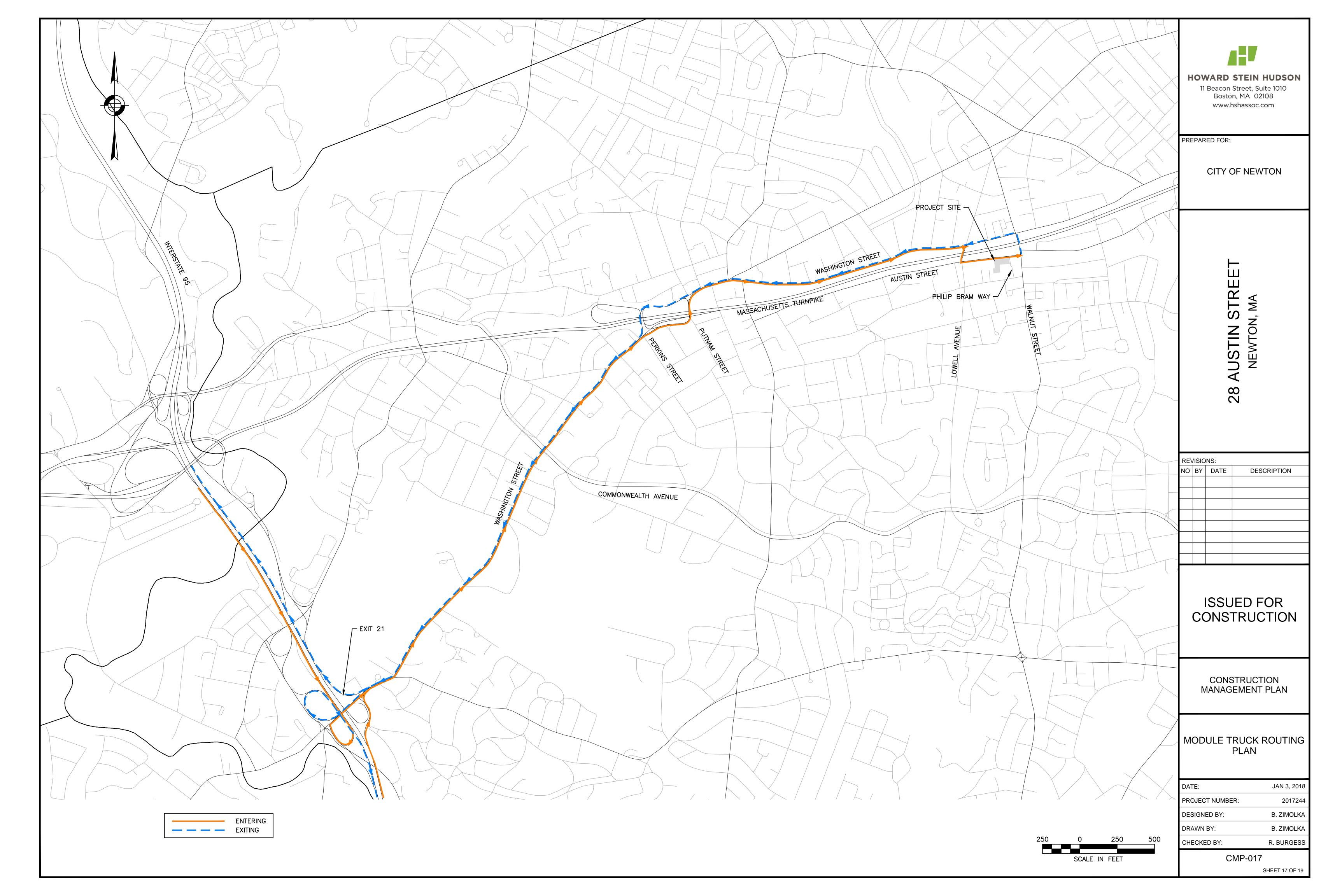
OMD 045					
CHECKED BY:	R. BURGESS				
DRAWN BY:	B. ZIMOLKA				
DESIGNED BY:	B. ZIMOLKA				
PROJECT NUMBER:	2017244				
DATE:	JAN 3, 2018				

CMP-015 SHEET 15 OF 19

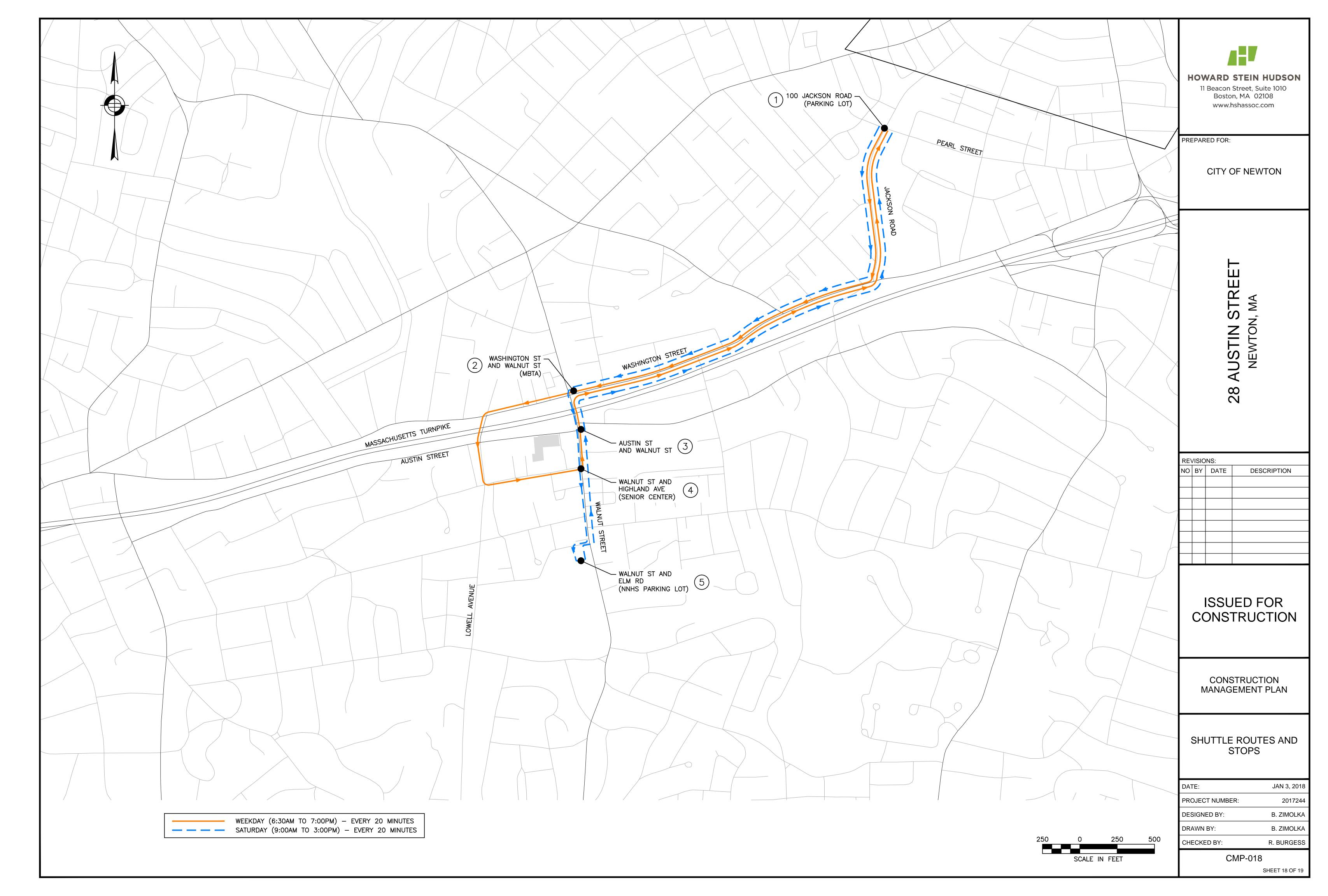
SCALE IN FEET



2/5/2015 L:\17244\CMP\CUTSHEETS\Staging.dwg



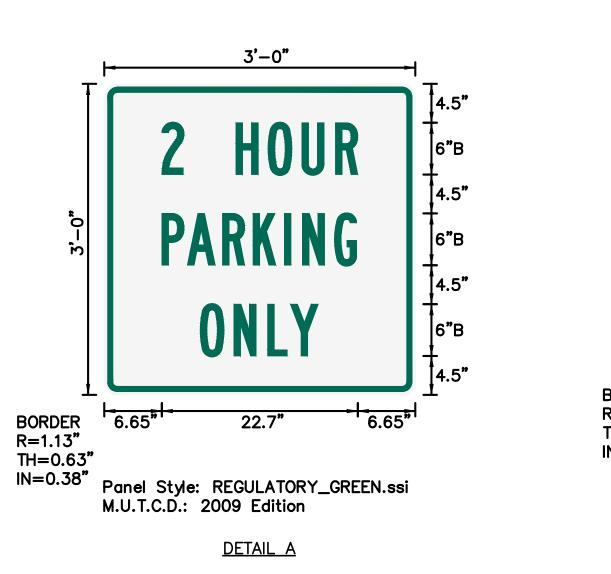
2/3/2013 L./1/244/UMF/COISHEETS/Truck Routing.dwg, 1/3/2018 9:36:(L:**Pryaty@inpol**t&UTSHEETS\Truck Routing.dwg, 1/3/2018 9:36:(

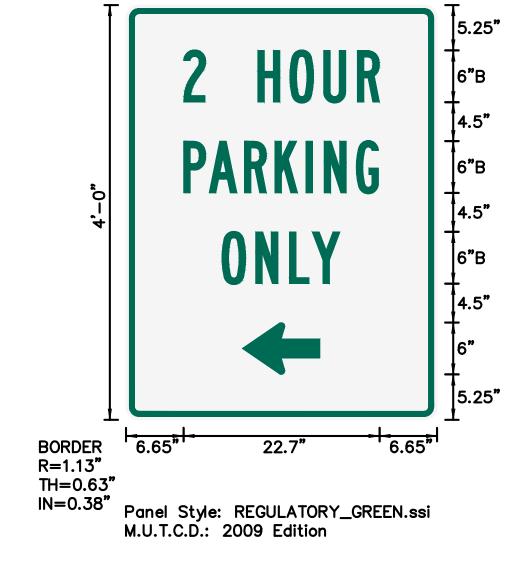


ուսե.dwg 18 9:36:11 AM

iologis **沙如小Giomplk**包TSHEETS\Shuttle.dwg, 1/3/201

IDENTIF— ICATION NUMBER	SIZE O (INC) WIDTH		UNIT AREA SF	TEXT	TEXT DIM	ENSIONS	NUMBER OF SIGNS REQUIRED	COL	.OR	POST AN NUMI REQU PER	D BER IRED	AREA IN SQUARE FEET
M4-9	30"	24"	5.00	DETOUR	SEE THE STANDARD		2	SEE M STANDARI	IUTCD	MUTCD MOUN' MAS ARM/I	SPEC. T ON ST	10.00
M4-9L	30"	24"	5.00	DETOUR			3					15.00
M4-9R	30"	24"	5.00	DETOUR			5					25.00
R3-1	30"	30"	6.25				1					6.25
R3-2	30"	30"	6.25				1					6.25
R7-1	12"	18"	1.50	NO PARKING ANY TIME			2					3.00
R7-1L	12"	18"	1.50	NO PARKING ANY TIME			2					3.00
R7-1R	12"	18"	1.50	NO PARKING ANY TIME			2					3.00
R7-5 MOD	12"	18"	1.50	3 HOUR PARKING ONLY			11					16.50
R7-8	12"	18"	1.50	RESERVED PARKING			4					6.00
R9-9	24"	12"	2.00	SIDEWALK CLOSED			1					2.00
R9-11R	24"	18"	3.00	SIDEWALK CLOSED AHEAD CROSS HERE			1					3.00
R9-11aL	24"	12"	2.00	SIDEWALK CLOSED CROSS HERE			1					2.00
R11-2	48"	30"	10.00	ROAD CLOSED			2					20.00
R11-4	48"	24"	8.00	ROAD CLOSED TO THRU TRAFFIC			1					8.00
SP-1	36"	36"	9.00	2 HOUR PARKING ONLY	SEE DE	TAIL A	1					9.00
SP-1L	36"	48"	12.00	2 HOUR PARKING ONLY	SEE DE	TAIL B	1					12.00
SP-1L	36"	48"	12.00	2 NOUR PARKING ONLY	SEE DE	TAIL C	6					72.00





3'-0"

<u>DETAIL B</u>



DETAIL C

HOWARD STEIN HUDSON

11 Beacon Street, Suite 1010

Boston, MA 02108

www.hshassoc.com

PREPARED FOR:

CITY OF NEWTON

28 AUSTIN STREET NEWTON, MA

REVISIONS:							
BY	DATE	DESCRIPTION					
I							

ISSUED FOR CONSTRUCTION

CONSTRUCTION MANAGEMENT PLAN

SIGN SUMMARY SHEET

DATE:	JAN 3, 2018
PROJECT NUMBER:	2017244
DESIGNED BY:	B. ZIMOLKA
DRAWN BY:	B. ZIMOLKA
CHECKED BY:	R. BURGESS

CMP-019 SHEET 19 OF 19