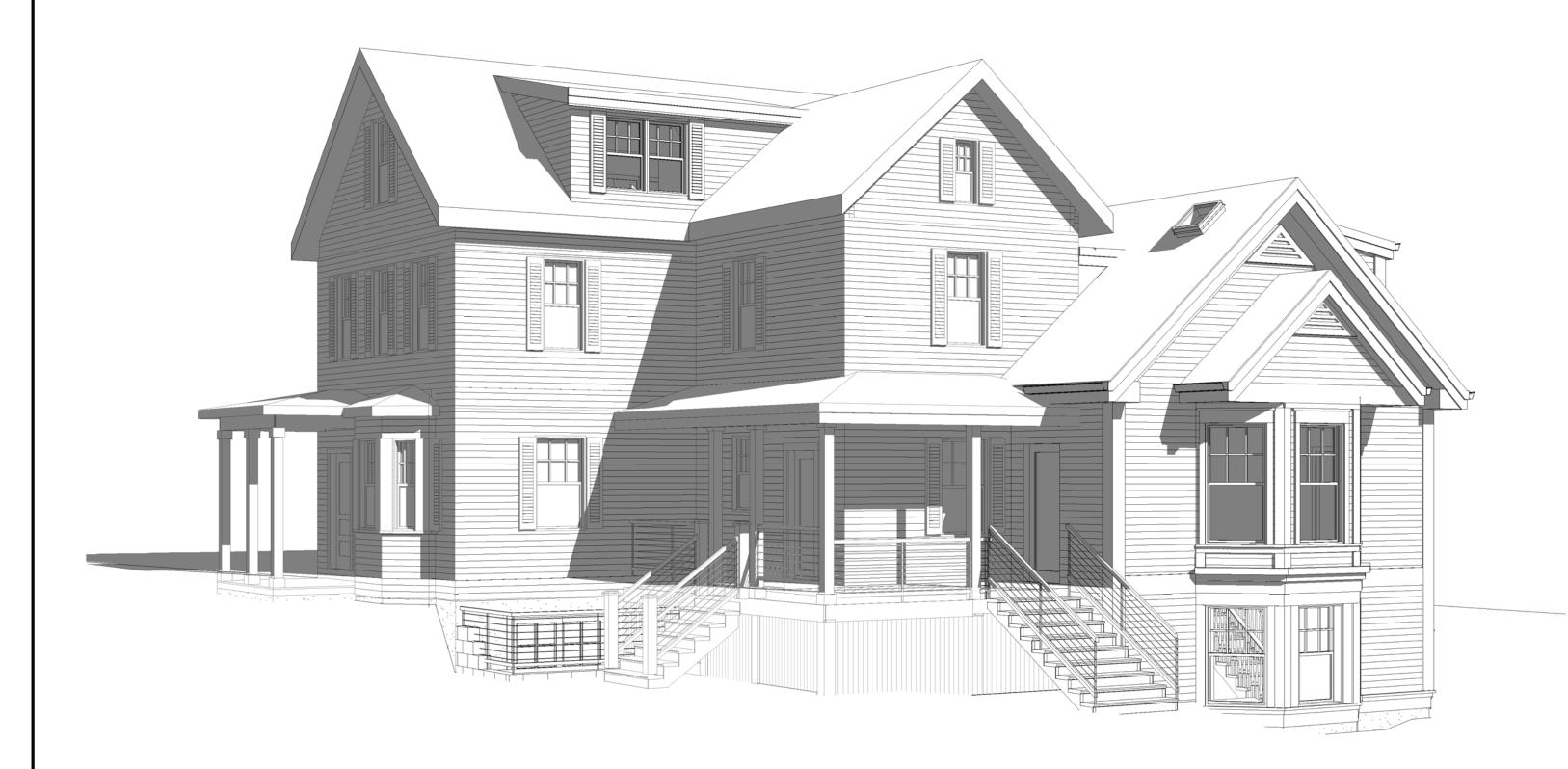
88 IRVING STREET RESIDENCES 88 IRVING STREET, SOMERVILLE, MA

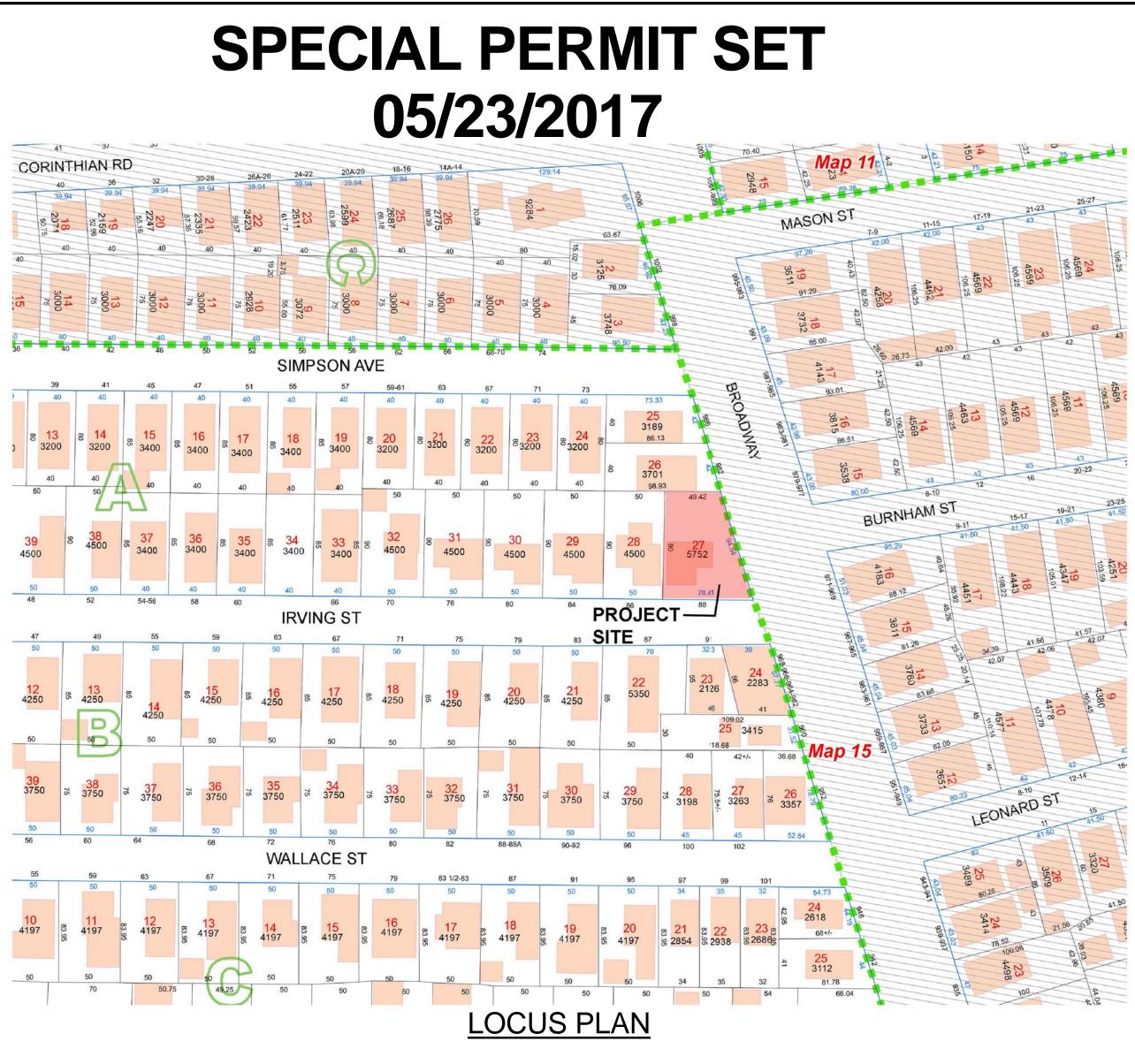


PREPARED BY

ARCHITECT KHALSA DESIGN INC. ADDRESS: 17 IVALOO STREET, SUITE 400 SOMERVILLE, MA 02143

CIVIL DESIGN CONSULTANTS INC. ADDRESS: 120 MIDDLESEX AVENUE SOMERVILLE, MA 02145

CLIENT GFC DEVELOPMENT



Drawing List				
Sheet Number	Sheet Name	Sheet Issue Date		
A-000	Cover Sheet	05-23-2017		
C-1.0	Civil Site Plan	05-23-2017		
C-2.0	Details	05-23-2017		
L-100	Landscape Plan	05-23-2017		
A-020	Architectural Site Plan	05-23-2017		
EX-100	Existing Conditions	05-23-2017		
A-100	Basement & 1st Floor Plans	05-23-2017		
A-101	2nd Floor & Attic Floor Plans/ Roof Plan	05-23-2017		
A-300	Exterior Elevations	05-23-2017		
AV-1	Perspectives	05-23-2017		

PROJECT NAME 88 IR VING ST RESIDENCES
PROJECT ADDRESS 88 IRVING STREET SOMERVILLE, MA
CLIENT
GFC DEVELOPMENT
ARCHITECT
O E SIGZ
KHALSA
17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086
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REGISTRATION
NO. COMPANY CONTRACTOR
Project number16108Date03/23/2017Drawn byTMCChecked byJSKScaleREVISIONS
No. Description Date
Cover Sheet
A-000 88 IRVING ST RESIDENCES

GENERAL NOTES

ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO THE STANDARDS OF THE CITY OF SOMERVILLE. DEPT. OF PUBLIC WORKS AND ANY OTHER AGENCY WITH AUTHORITY IN THIS AREA.

CONTRACTOR TO MAINTAIN WORK AREA IN A CLEAN CONDITION. NO CONSTRUCTION DEBRIS SHALL BE ALLOWED TO ACCUMULATE WITHIN THE WORKSITE AND NO DIRT, GRAVEL, ETC. SHALL BE ALLOWED TO ACCUMULATE ON THE PUBLIC RIGHT-OF-WAY.

AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

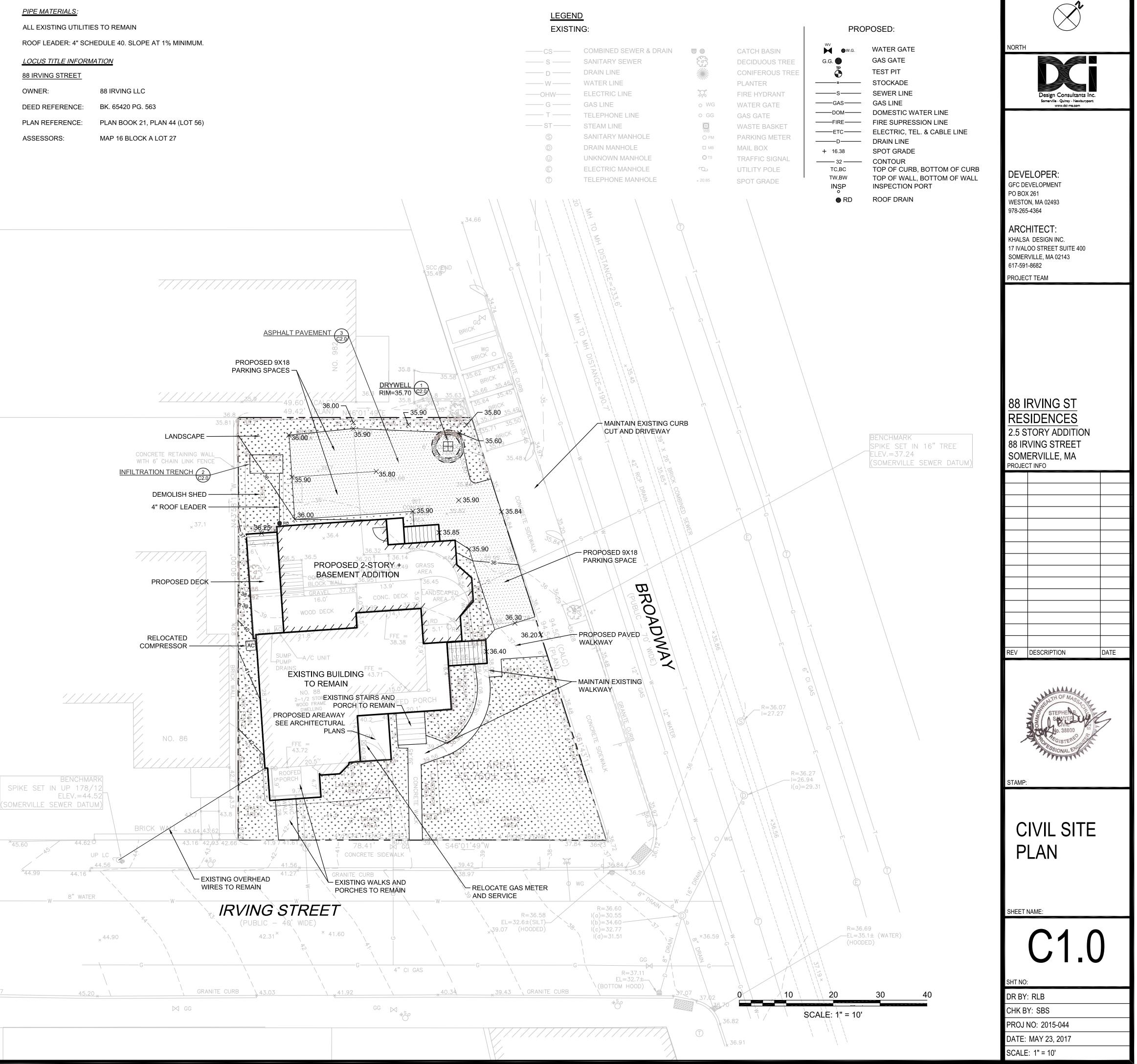
UTILITY & DRAINAGE NOTES

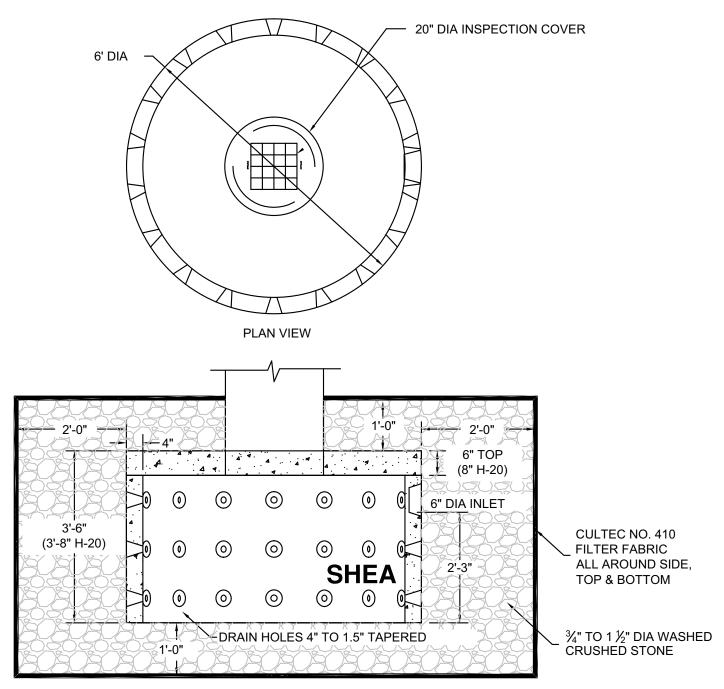
- 1. THE LOCATION OF AND SIZE OF BURIED UTILITIES ARE THE RESULT OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY BY DESIGN CONSULTANTS INC., PLANS OF RECORD & PLANS FROM RESPECTIVE UTILITY COMPANIES.
- 2. THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION AND SIZE OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME INSIDE OR OUTSIDE OF EXISTING OR PROPOSED BUILDINGS, ON THE SUBJECT PROPERTY, WITHIN THE STREET ROW, OR ON ABUTTING LOTS.
- 3. CONTACT DIG-SAFE AT 1-888-344-7233 OR 1-800-322-4844 AT LEAST 72 HOURS PRIOR TO EXCAVATION. THE CITY OF SOMERVILLE MUNICIPAL UTILITIES (WATER, SEWER, & DRAIN) ARE PART OF DIG-SAFE. CONTACT THE CITY OF SOMERVILLE FOR THE MARKING OF SOMERVILLE MUNICIPAL UTILITIES.
- 4. THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE AND EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- 5. ALL EXISTING UTILITY SERVICE CONNECTIONS SHALL BE ABANDONED UNLESS NOTED OTHERWISE. CUTTING AND CAPPING OF DESIGNATED WATER AND SEWER SERVICES SHALL OCCUR AT THE MAIN IN THE STREET, BY THE CONTRACTOR, IN ACCORDANCE WITH THE CITY OF SOMERVILLE STANDARDS. THE PROPOSED GAS, ELECTRIC AND/OR CATV INSTALLATION AND ABANDONMENT OF EXISTING CONNECTIONS SHALL BE COORDINATED BY THE CONTRACTOR WITH THE RESPECTIVE COMPANIES.
- 6. FINAL DEMARCATION POINTS FOR GAS, ELECTRIC, TELEPHONE, AND COMMUNICATION SERVICE ENTRANCES ARE SUBJECT TO APPROVALS OF EACH PROVIDER.
- 7. ALL UTILITIES SHOWN ON THIS SITE ARE TO THE EXTERIOR OF THE BUILDING FOUNDATION ONLY. UTILITIES THROUGH THE FOUNDATION AND INSIDE THE BUILDING ARE THE RESPONSIBILITY OF THE MECHANICAL ENGINEER. SEE MECHANICAL ENGINEERING PLANS.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND RECORDING THE EXACT LOCATION OF ALL PROPOSED UTILITY CONNECTIONS.
- 9. NEW WATER SERVICES MUST BE LEFT SHUT OFF AT THE MAIN ON THE STREET UNTIL ACTIVATED BY CITY OF SOMERVILLE.
- 10. TEST PITS SHALL BE REQUIRED TO DETERMINE SUBSURFACE SOILS AND ESTABLISH MEAN HIGH GROUNDWATER ELEVATION PRIOR TO ORDERING AND INSTALLATION OF STORMWATER MANAGEMENT SYSTEM COMPONENTS. ADJUSTMENTS TO SYSTEM MAY BE REQUIRED PER TEST RESULTS.
- 11. THE CONTRACTOR SHALL SUPPLY ALL PIPING FOR THE UTILITY SERVICES AND SHALL SUPPLY ALL ASSOCIATED APPURTENANCES, FITTING AND VALVES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PERFORM ALL WET AND DRY TAPS AS PART OF HIS/HER CONTRACT.
- 12. CITY OF SOMERVILLE RESERVES THE RIGHT TO INSPECT ALL FACILITIES DISCHARGING TO THE CITY OF SOMERVILLE DRAIN AND SEWER SYSTEMS. A DYE TEST SHALL BE PERFORMED PRIOR TO THE ISSUANCE OF AN OCCUPANCY PERMIT
- 13. PRIOR TO CONSTRUCTION OF NEW SANITARY SEWER AND STORM DRAIN LINES, CONTRACTOR SHALL PERFORM TEST PITS AT LOCATIONS OF EXISTING LATERAL CONNECTIONS FOR SANITARY SEWER AND STORM DRAINS TO CONFIRM INVERTS OF LATERALS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- 14. 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 SHALL BE FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
- TRENCH AREAS FOR THE CONSTRUCTION OF THE UNDERGROUND UTILITIES ARE TO BE REPATCHED WITH SAME MATERIAL AT THE SAME DEPTH AS THE EXISTING MATERIAL. THE AREAS OF TRENCHING SHALL BE NEATLY SAW-CUT AND THE NEW PATCHING MATERIAL SHALL BE PROPERLY SEALED IN ACCORDANCE WITH THE CITY OF SOMERVILLE MUNICIPAL STANDARDS.
- 16. DURING EXCAVATION AND CONSTRUCTION OF PIPES AND STRUCTURES, TRENCHES MUST BE ADEQUATELY BRACED AND PROTECTED AGAINST CAVE-IN.
- 17. NO TRENCHES ARE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES SHALL BE BACKFILLED AT THE END OF THE WORK DAY OR COVERED WITH STEEL PLATES PER 520 CMR 14.00 EXCAVATION AND TRENCH SAFETY. IF STEEL PLATES ARE USED, THE TOTAL LENGTH OF PLATES IN THE TRAVELED WAY SHALL LIMITED TO 50'.

PIPE MATERIALS

OWNER:

ASSESSORS:





	ITEM NO.		WEIGHT
500 GALLON	DW-500SDW	STANDARD	4,099#
	DW-500SDWH	H-20	4,770#
3' STACKABLE	DW-3SS		2,008#

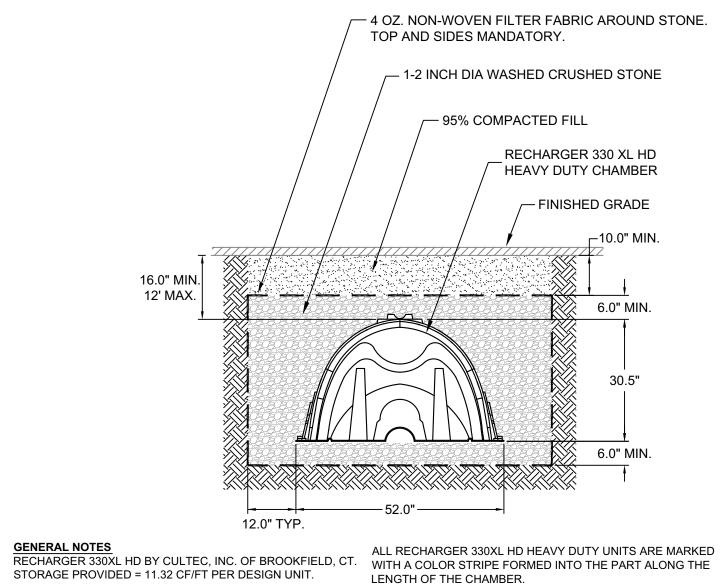
NOTES: 1. CONCRETE: 4,000 PSI MINIMUM AFTER 28 DAYS.

2. AVAILABLE IN H-20 LOADING.

3. CAPACITY INCREASES IN INCREMENTS OF 500 GALLONS FOR EACH 3' SECTION ADDED.

4. FILTER FABRIC IS CULTEC NO. 410 OR AN EQUAL.

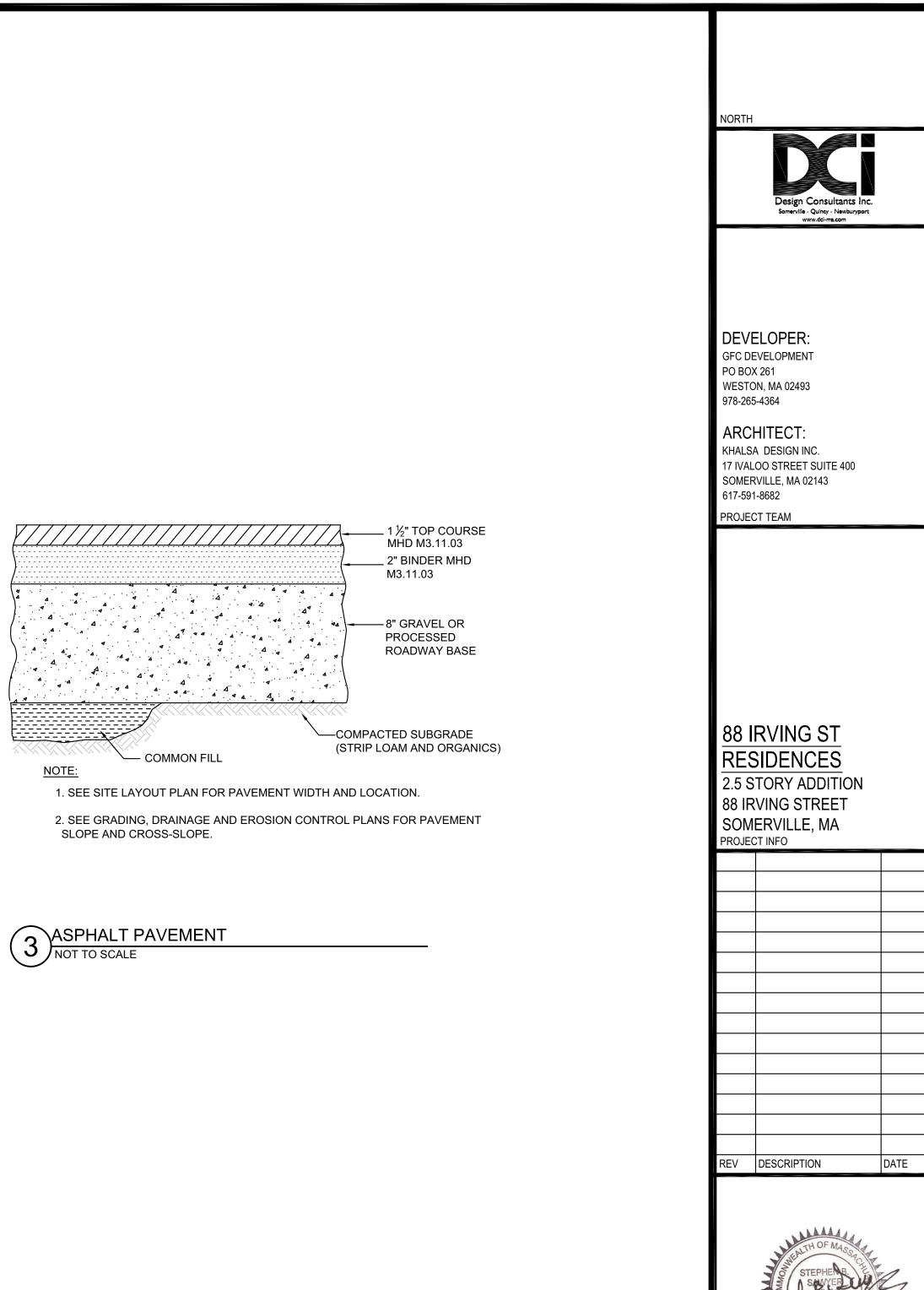


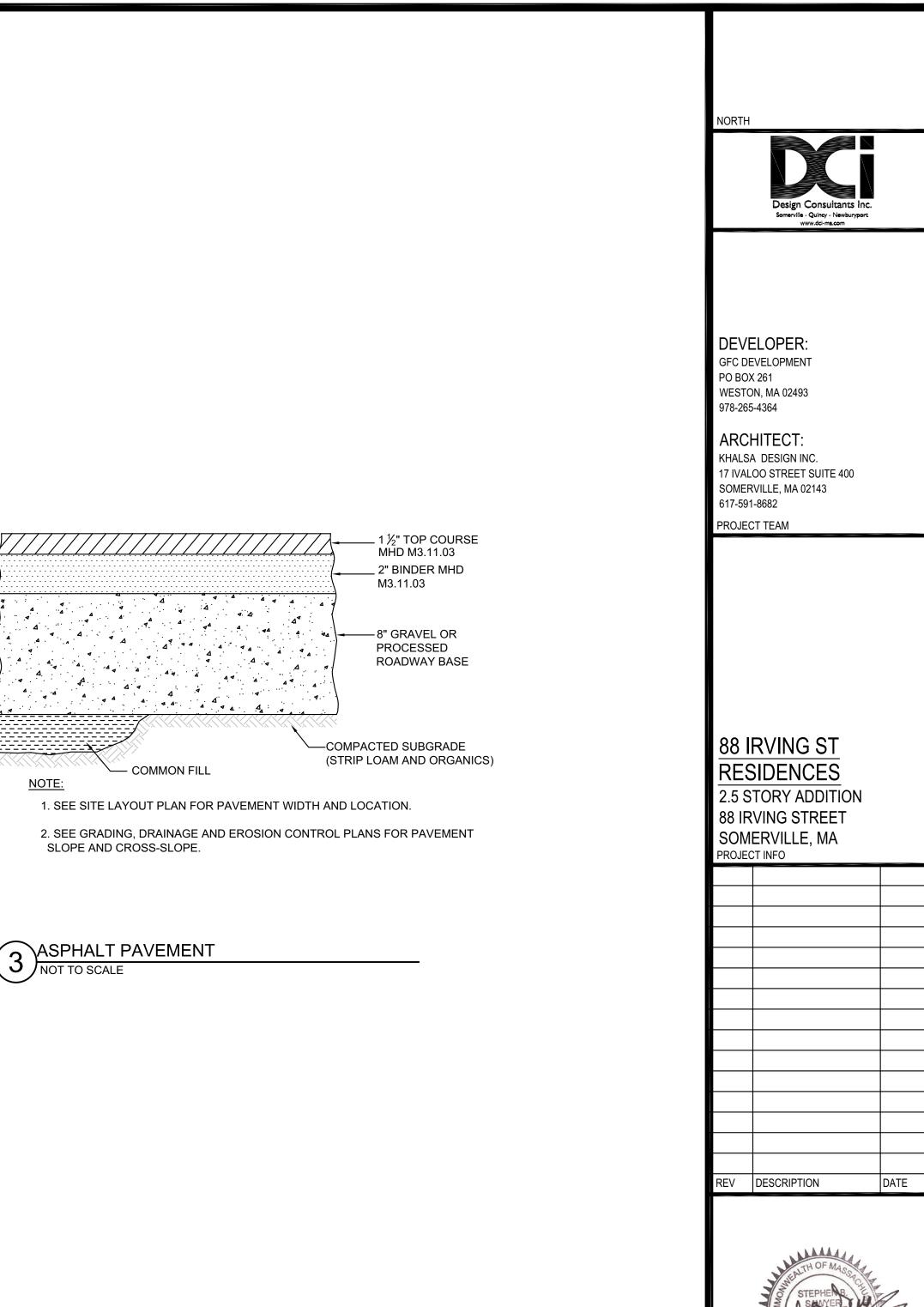


REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES. USE RECHARGER 330XL HD HEAVY DUTY FOR TRAFFIC

WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER. ALL RECHARGER 330XL HD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.







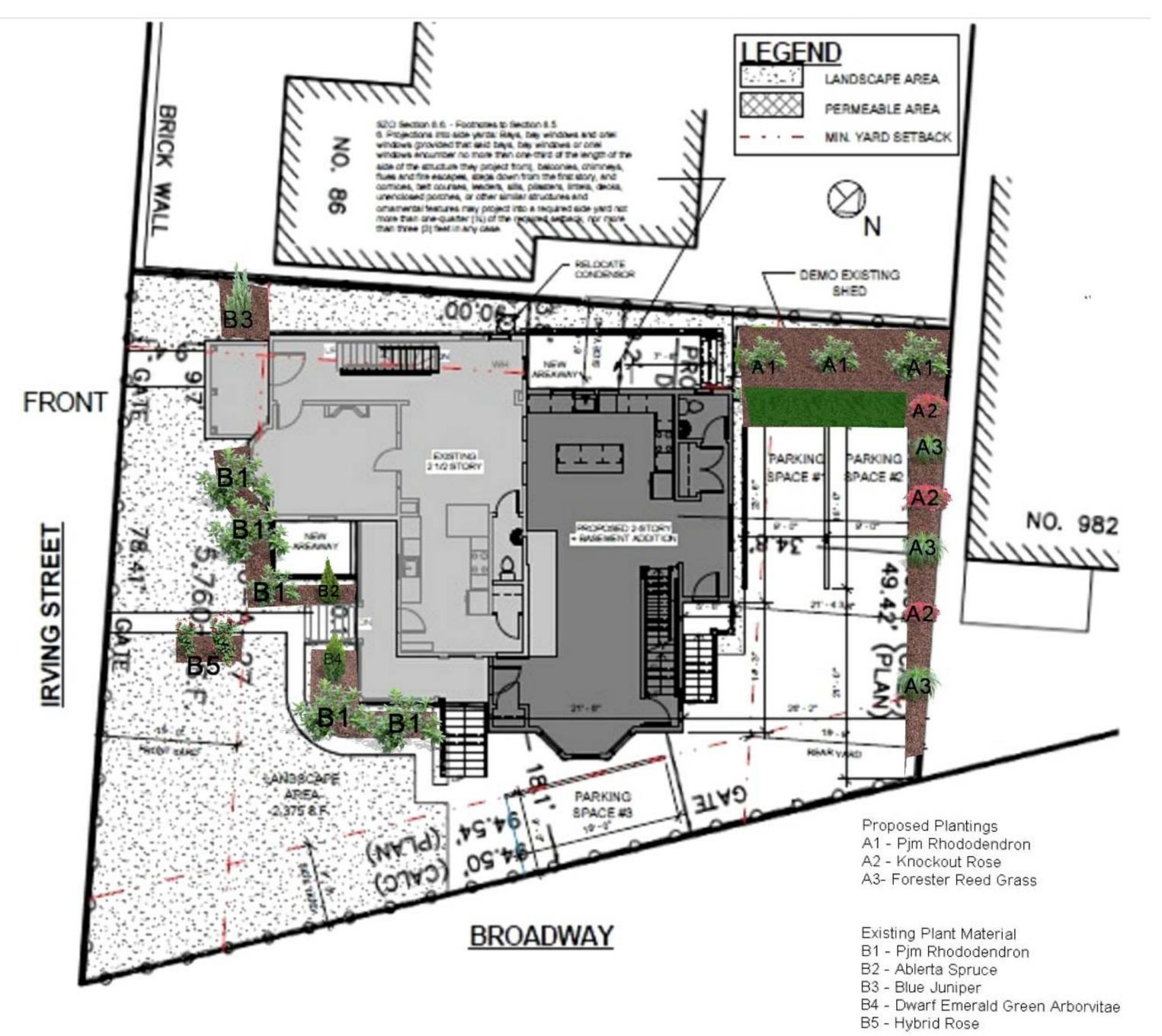
No. 38800 REGISTERED STA	
AMP:	
DETAILS	

SHEET NAME:



SHT NO: DR BY: RLB CHK BY: SBS PROJ NO: 2015-044 DATE: MAY 23, 2017 SCALE: N.T.S.





1 Landscape Plan 1/8" = 1'-0"

PROJECT NAME
88 IRVING ST
RESIDENCES
88 IRVING STREET SOMERVILLE, MA
CLIENT
GFC DEVELOPMENT
ARCHITECT
510
E G Z
KHALSA
17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143
TELEPHONE: 617-591-8682 FAX: 617-591-2086
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REGISTRATION
STERED ARCHIDA
Contraction (States)
CAMPRIDGE A
THOF MASS
Project number 16108
Date03/23/2017Drawn byAuthorChecked byChecker
Checked by Checker Scale 1/8" = 1'-0" REVISIONS
REVISIONS No. Description Date
Landscape Plan
L-100

88 IRVING ST RESIDENCES

ZONING DIMENSIONAL TABLE:

	ALLOWED / REQUIRED	EXISTING	PROPOSED	COMPLIANCE
ZONE	RA			
USE	Single Family 2 Family	Single Family Dwelling	2 Family Dwelling	COMPLIES
MIN LOT SIZE	10,000 S.F.	5,760 S.F. +/-	5,760 S.F. +/-	PREEXIST/ NO CHANGE
MIN LOT PER DWELLING	2,250 S.F./ DU (1-9 DU)	5,760 S.F./ DU (1 DU)	2,880 S.F./ DU (2 DU)	COMPLIES
MAX GROUND COVERAGE	50% / 2,880 S.F.	23% / 1,314 S.F.	32% / 1,868 S.F.	COMPLIES
LANDSCAPE AREA	25% / 1,440 S.F.	54% / 3,092 S.F.	38% / 2,205 S.F.	COMPLIES
MAX FLOOR AREA RATIO (FAR)	0.75 / 4,320 S.F.	0.44 / 2,516 S.F.	0.74 / 4,274 S.F.	COMPLIES
MAX BUILDING HEIGHT	2 1/2 ST/ 35'	2 1/2 ST/ 27'-5"	2 1/2 ST/ 27'-5"	COMPLIES/ NO CHANGE
MIN. YARD SETBACKS FRONT LEFT SIDE RIGHT SIDE REAR	15' or street average 8'-0" SUM 17'-0" 8'-0" SUM 17'-0" 18' 9" (Section 8.6.13)	9.4' 3.8' 18.'1 34.8'	9.4' 3.8' 10.4' 21.6'	PREEXIST./ NO CHANGE PREEXIST./ NO CHANGE COMPLIES COMPLIES

Section 8.6: 13. Reduction of rear yards for shallow lots: For each foot by which a lot is less than one hundred (100) feet deep on the effective date of this Ordinance, three (3) inches may be deducted from the required depth of the rear yard, provided that no rear yard shall be less than ten (10) feet. 20' - 0" Requirement / 100' - 95' = 5'; 5' X 3" = 15" (1' - 3") > 20' - 1'-3" = 18'-9"

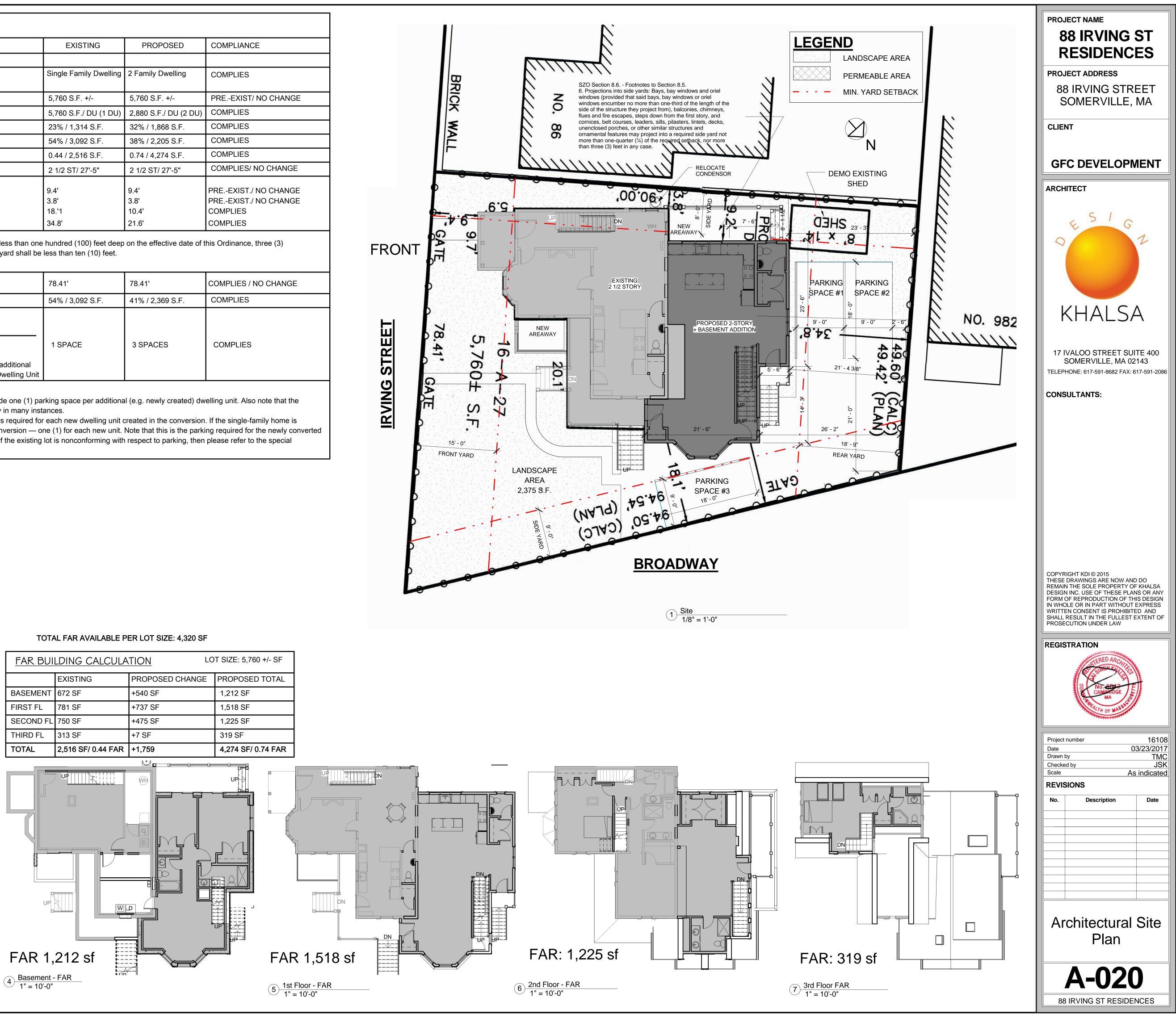
MIN FRONTAGE	50'		78.41'	78.41'	COMPLIES / NO CHANGE
PERVIOUS AREA, MIN % OF LOT	35% / 2,016 S.F.		54% / 3,092 S.F.	41% / 2,369 S.F.	COMPLIES
PARKING REQUIREMENTS	1.5/ DU W/ 1 OR 2 BEDROOMS 2.0/ DU W/ 3+ BEDROOMS				
	<u>EXISTING REQ.</u> <u>Unit 1 - 1.5 Spaces</u> Total - 1.5 Spaces	PROPOSED REQ. See Section 9.5.2 1 Parking Space per additional each newly created Dwelling Unit	1 SPACE	3 SPACES	COMPLIES

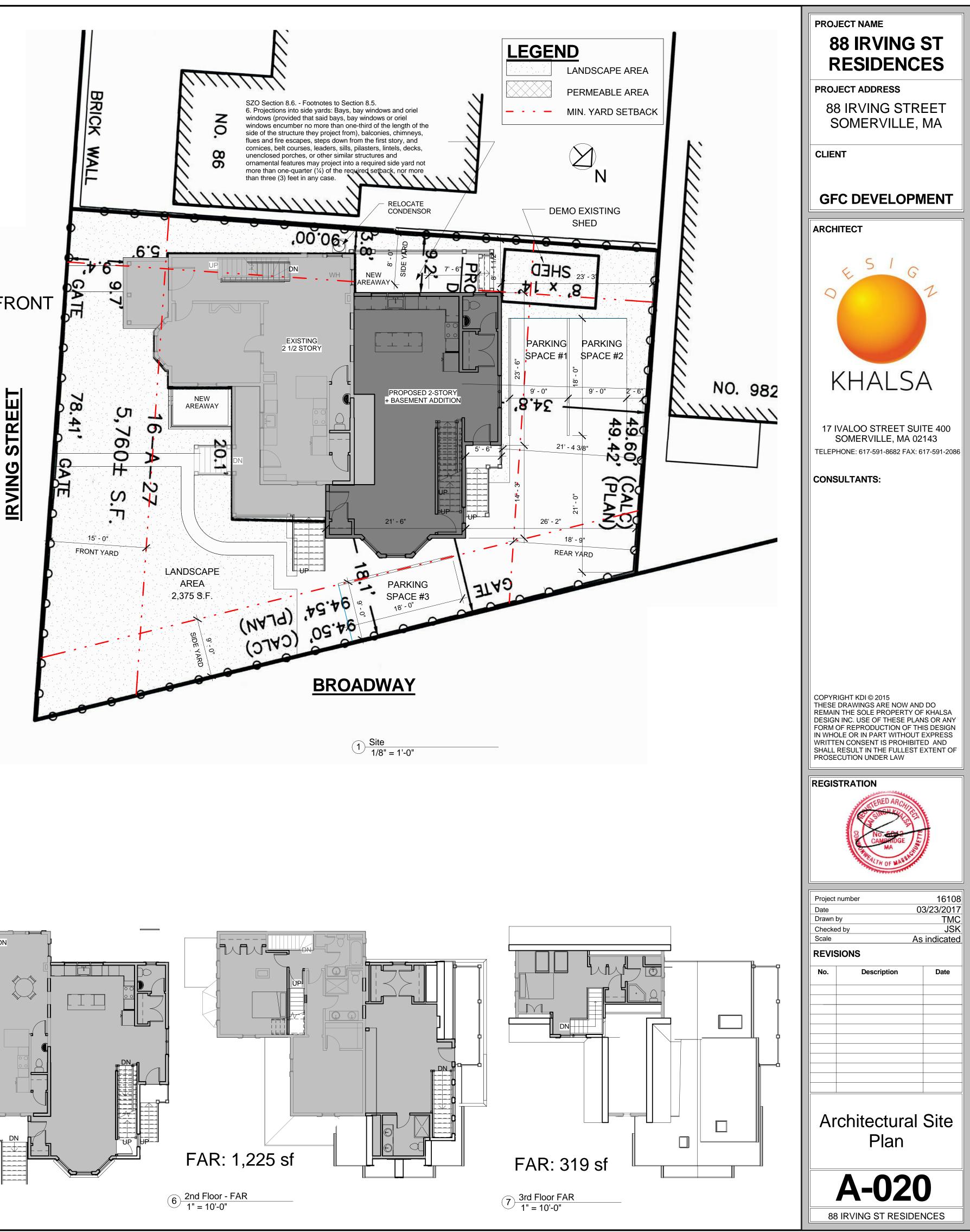
Section 9.5. - Number of Parking Spaces. 2.)Special Residential Conversions:

a. Existing 1 and 2 family residences converting to 2 or 3 family residences shall provide one (1) parking space per additional (e.g. newly created) dwelling unit. Also note that the provisions of Section 9.4 as to nonconformity with respect to parking are likely to apply in many instances.

EXAMPLE: A single family home is converting to a 2 family residence. One (1) space is required for each new dwelling unit created in the conversion. If the single-family home is converting to a 3 family residence, then two (2) parking spaces are required for the conversion — one (1) for each new unit. Note that this is the parking required for the newly converted unit(s) and is additional parking above what is required for the existing site. However, if the existing lot is nonconforming with respect to parking, then please refer to the special considerations under Section 9.4.1.

FAR BUI	LDING CALCULA	TION LC	0T SIZE: 5,760 +/- SF
	EXISTING	PROPOSED CHANGE	PROPOSED TOTAL
BASEMENT	672 SF	+540 SF	1,212 SF
FIRST FL	781 SF	+737 SF	1,518 SF
SECOND FL	750 SF	+475 SF	1,225 SF
THIRD FL	313 SF	+7 SF	319 SF
TOTAL	2,516 SF/ 0.44 FAR	+1,759	4,274 SF/ 0.74 FAR

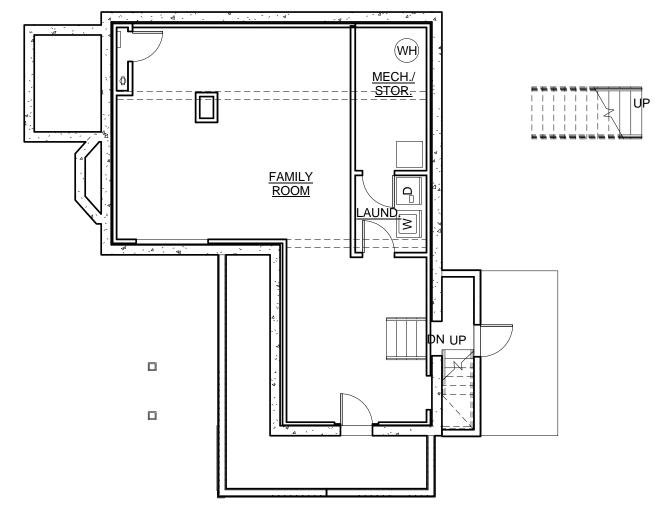


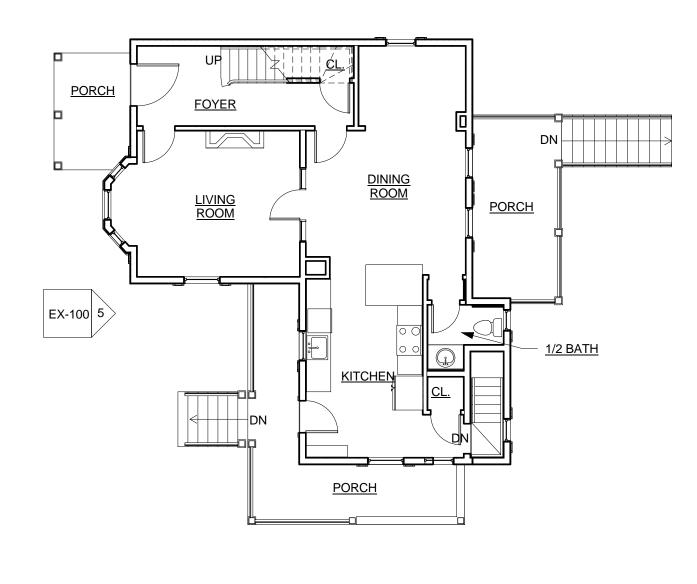


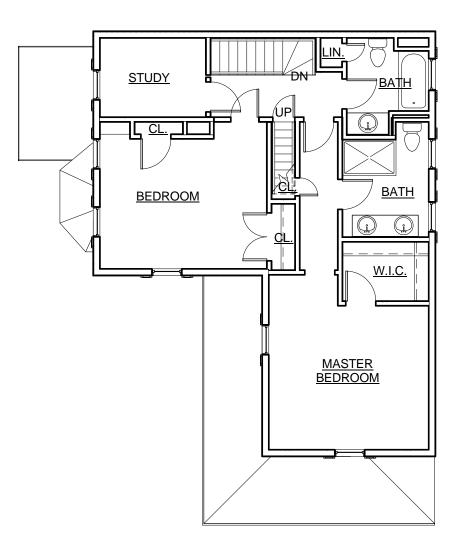




 $1 \frac{\text{Existing Basement Level}}{1/8" = 1'-0"}$

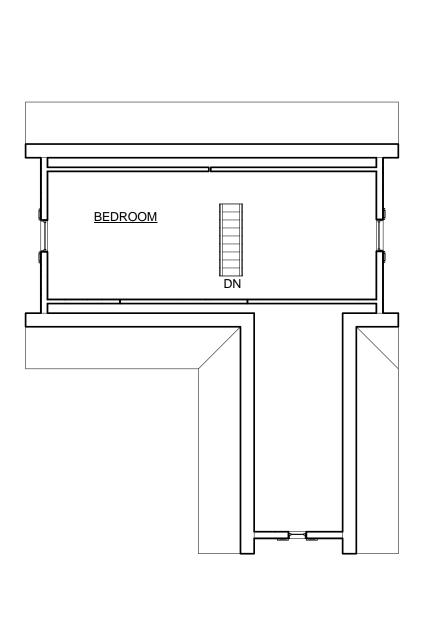




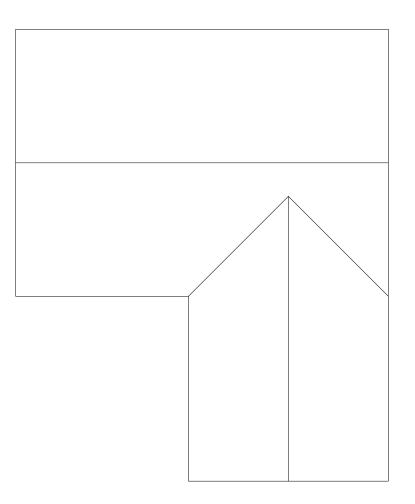


2 Existing 1st Floor Level 1/8" = 1'-0"

8 Existing South Elevation 1/8" = 1'-0" 3 Existing 2nd Floor Level 1/8" = 1'-0"

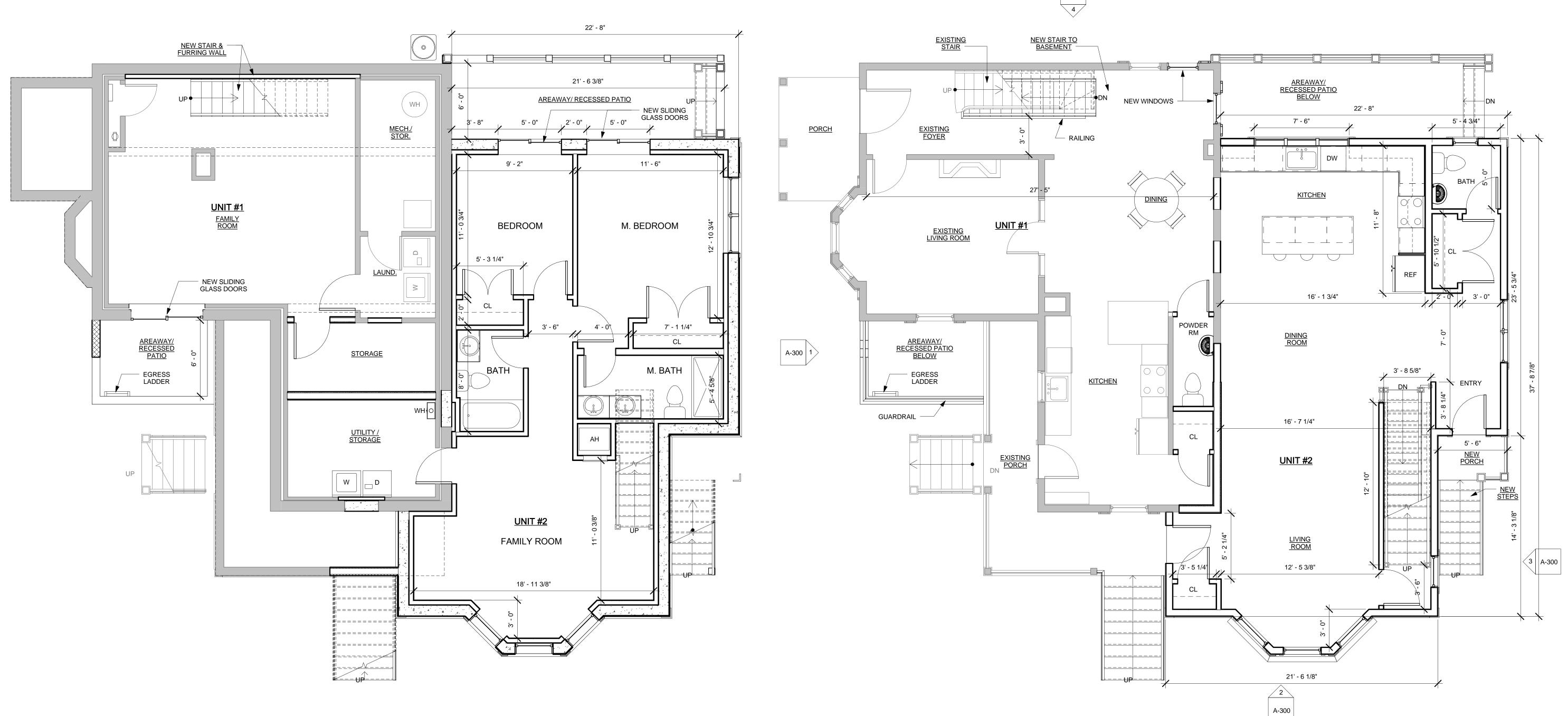


4 Existing 3rd Floor Level 1/8" = 1'-0"



9 Existing Roof Level 1/8" = 1'-0"

PROJECT NAME 88 IRVING ST RESIDENCES			
PROJECT ADDRESS 88 IRVING STREET SOMERVILLE, MA			
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O E SIGZ			
KHALSA			
17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086			
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Project number 16108 Date 03/23/2017			
Drawn by Author Checked by Checker			
Scale 1/8" = 1'-0" REVISIONS			
No. Description Date			
Existing Conditions			
EX-100			
88 IRVING ST RESIDENCES			



2 Basement Level 1/4" = 1'-0"

BAS FIRS SEC





1 <u>1st Floor Level</u> 1/4" = 1'-0"

UNIT AREA TABULATION					
	UNIT 1	UNIT 2			
SEMENT	723 SF	906 SF			
RST FL	803 SF	846 SF			
COND FL	791 SF	553 SF			
TIC	356 SF	N/A			
TAL 2,672 SF 2,305 SF		2,305 SF			
CALCULATIONS INCLUDE ALL UNFINISHED					

*AREA CALCULATIONS INCLUDE ALL UNFINISHED STORAGE ROOMS, CLOSETS AND STAIRS

PROJECT NAME **88 IRVING ST** RESIDENCES PROJECT ADDRESS 88 IRVING STREET SOMERVILLE, MA CLIENT **GFC DEVELOPMENT** ARCHITECT S 8 KHALSA 17 IVALOO STREET SUITE 400 SOMERVILLE, MA 02143 TELEPHONE: 617-591-8682 FAX: 617-591-2086 CONSULTANTS: COPYRIGHT KDI © 2015 THESE DRAWINGS ARE NOW AND DO REMAIN THE SOLE PROPERTY OF KHALSA DESIGN INC. USE OF THESE PLANS OR ANY FORM OF REPRODUCTION OF THIS DESIGN IN WHOLE OR IN PART WITHOUT EXPRESS WRITTEN CONSENT IS PROHIBITED AND SHALL RESULT IN THE FULLEST EXTENT OF PROSECUTION UNDER LAW REGISTRATION 16108 03/23/2017 TMC / CMH JSK 1/4" = 1'-0" Project number Date Drawn by Checked by Scale REVISIONS Date No. Description Basement & 1st Floor Plans **A-100** 88 IRVING ST RESIDENCES

