

PROFESSIONAL CERTIFICATION
I certify that these documents were prepared or approved by me, and that I am a duly licensed professional architect under the laws of the State of Maryland.
License Number #14678
Expiration Date: 6/30/2020

BY USING THESE PLANS - YOU ARE ACCEPTING THIS AGREEMENT.
This is a license agreement you accept by using these plans to build a (1) house.
Notice: These drawings are protected by federal copyright as secured by JRA Architecture, LLC, and are not for use in creating copies or derivative drawings. They are also not released for photocopy or any dissemination that is not approved by JRA, LLC. The associated working drawings are for use in building a (one) house.

CONTACT:
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Office: 410.547.4444
MHR# 22
www.muellerhomes.com

Manickam Residence

PROPOSED RESIDENCE
Gared Drive, Glenelg, Maryland

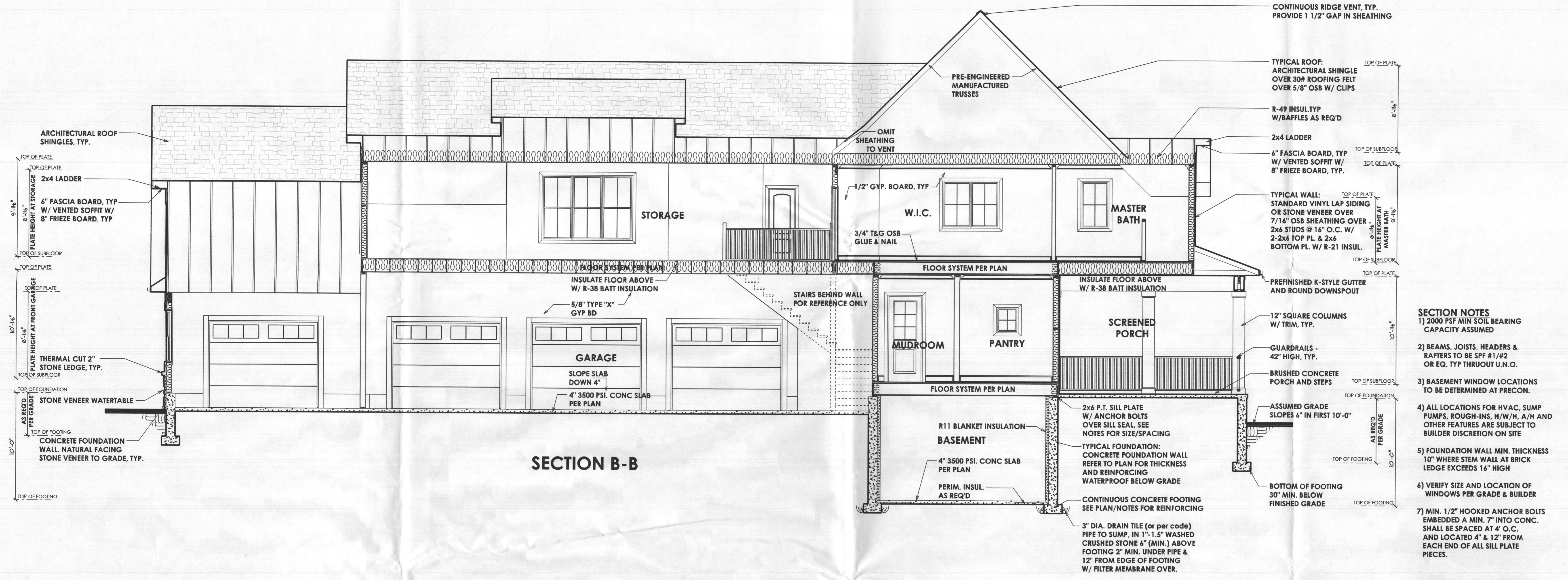
REVISIONS

02-01-19	CONCEPT
02-06-19	BID REVIEW
6-5-19	PERMIT REVIEW

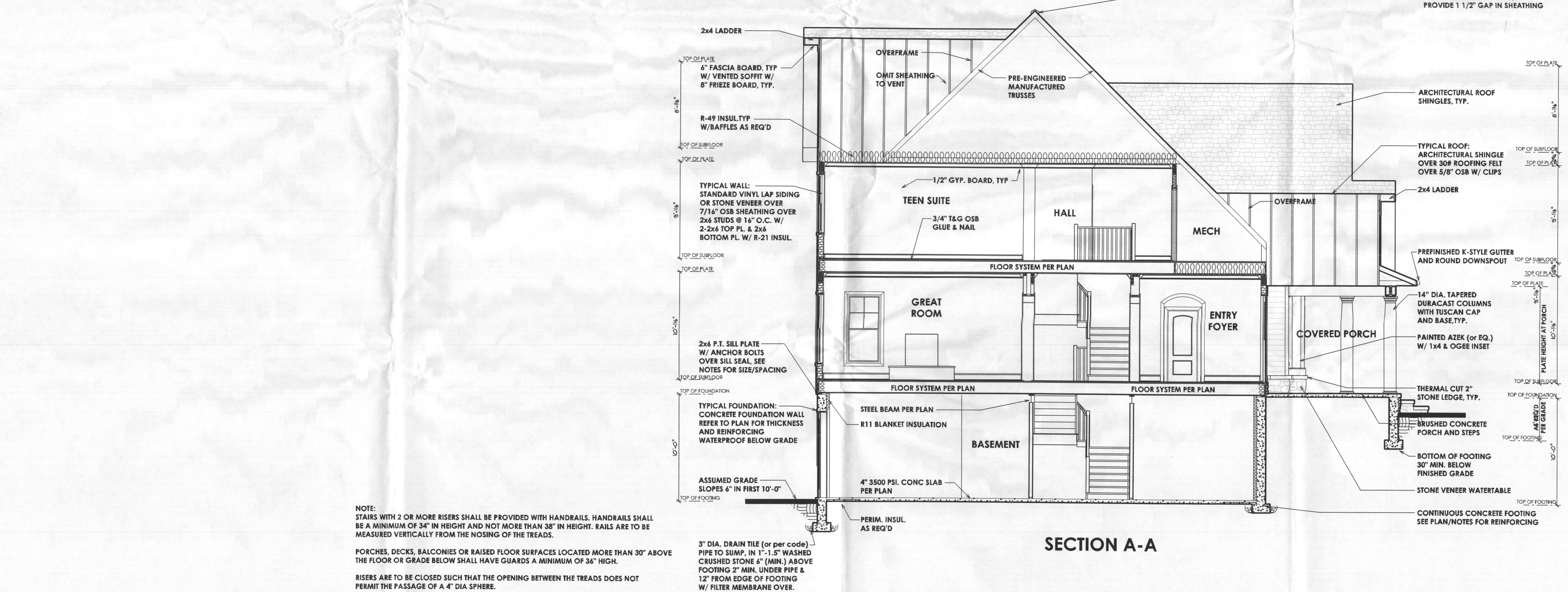
ISSUE DATES:

02-06-19 BID REVIEW
6-5-19 PERMIT REVIEW

SCALE: 1/4" = 1'-0"
SECTIONS
5.01
PRINT DATE:
Tuesday, July 09, 2019



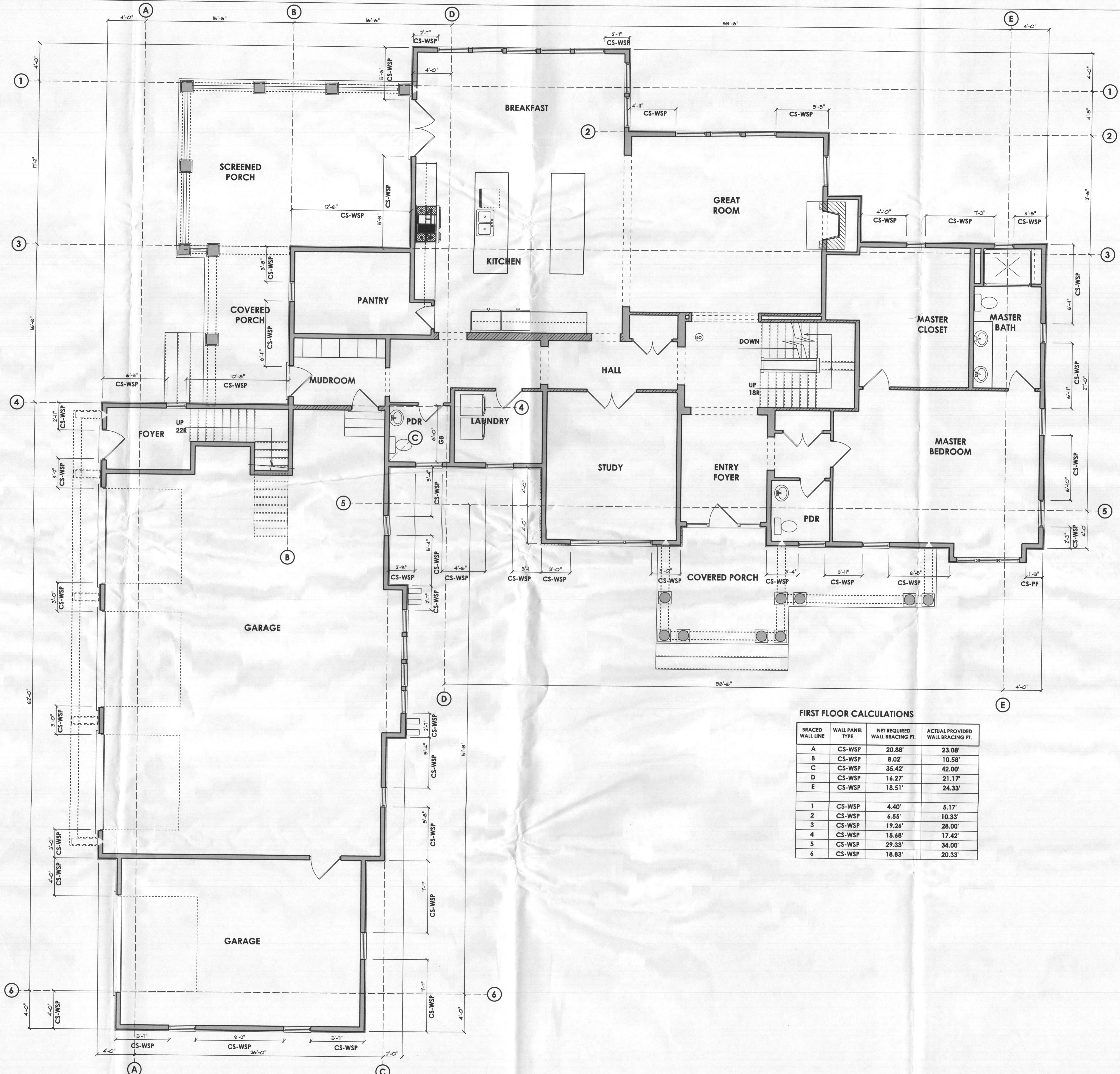
SECTION B-B



SECTION A-A

NOTE:
STAIRS WITH 2 OR MORE RISERS SHALL BE PROVIDED WITH HANDRAILS. HANDRAILS SHALL BE A MINIMUM OF 34" IN HEIGHT AND NOT MORE THAN 38" IN HEIGHT. RAILS ARE TO BE MEASURED VERTICALLY FROM THE NOSING OF THE TREADS.
PORCHES, DECKS, BALCONIES OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS A MINIMUM OF 36" HIGH.
RISERS ARE TO BE CLOSED SUCH THAT THE OPENING BETWEEN THE TREADS DOES NOT PERMIT THE PASSAGE OF A 4" DIA SPHERE.

3" DIA. DRAIN TILE (or per code) PIPE TO SUMP. IN 1"-1.5" WASHED CRUSHED STONE 6" (MIN.) ABOVE FOOTING 2" MIN. UNDER PIPE & 12" FROM EDGE OF FOOTING W/ FILTER MEMBRANE OVER.



FIRST FLOOR CALCULATIONS

BRACED WALL LINE	WALL PANEL TYPE	NET REQUIRED WALL BRACING FT.	ACTUAL PROVIDED WALL BRACING FT.
A	CS-WSP	20.88'	23.08'
B	CS-WSP	8.02'	10.58'
C	CS-WSP	35.42'	42.00'
D	CS-WSP	16.27'	21.17'
E	CS-WSP	18.51'	24.33'
1	CS-WSP	4.40'	5.17'
2	CS-WSP	6.55'	10.33'
3	CS-WSP	19.26'	28.00'
4	CS-WSP	15.68'	17.42'
5	CS-WSP	29.33'	34.00'
6	CS-WSP	18.83'	20.33'

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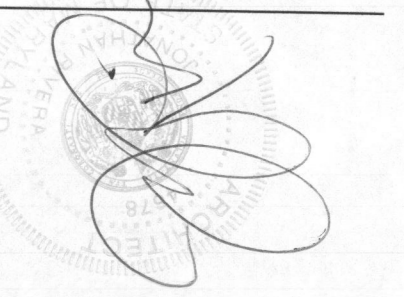
Manickam Residence

PROPOSED RESIDENCE
 Gared Drive, Glenelg, Maryland

REVISIONS

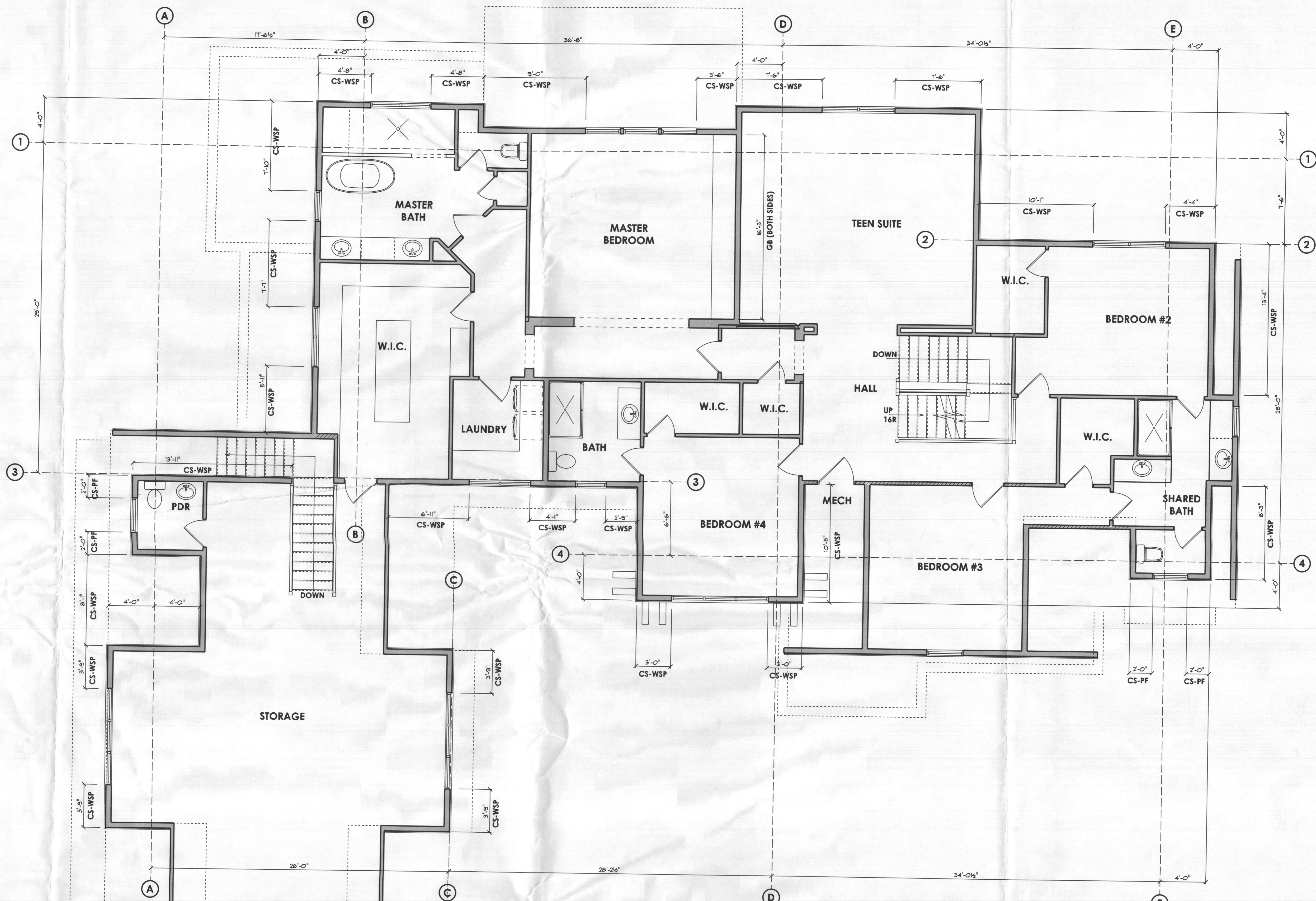
▲	02-01-19	CONCEPT
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ISSUE DATES:
 02-04-19 BID REVIEW
 6-5-19 PERMIT REVIEW



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SECOND FLOOR CALCULATIONS

BRACED WALL LINE	WALL PANEL TYPE	NET REQUIRED WALL BRACING FT.	ACTUAL PROVIDED WALL BRACING FT.
A	CS-WSP	20.65'	23.58'
B	CS-WSP	18.30'	21.33'
C	CS-WSP	6.63'	7.50'
D	CS-WSP	22.47'	26.67'
E	CS-WSP	12.76'	21.58'
1	CS-WSP	18.21'	36.83'
2	CS-WSP	12.33'	14.42'
3	CS-WSP	18.47'	27.67'
4	CS-WSP	12.86'	14.00'

Manickam Residence

PROPOSED RESIDENCE
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REVISIONS

▲	02-01-19	CONCEPT
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ISSUE DATES:

02-06-19	BID REVIEW
6-5-19	PERMIT REVIEW

SCALE: N/A
STRUCTURAL
S4
PRINT DATE:
Friday, July 12, 2019