



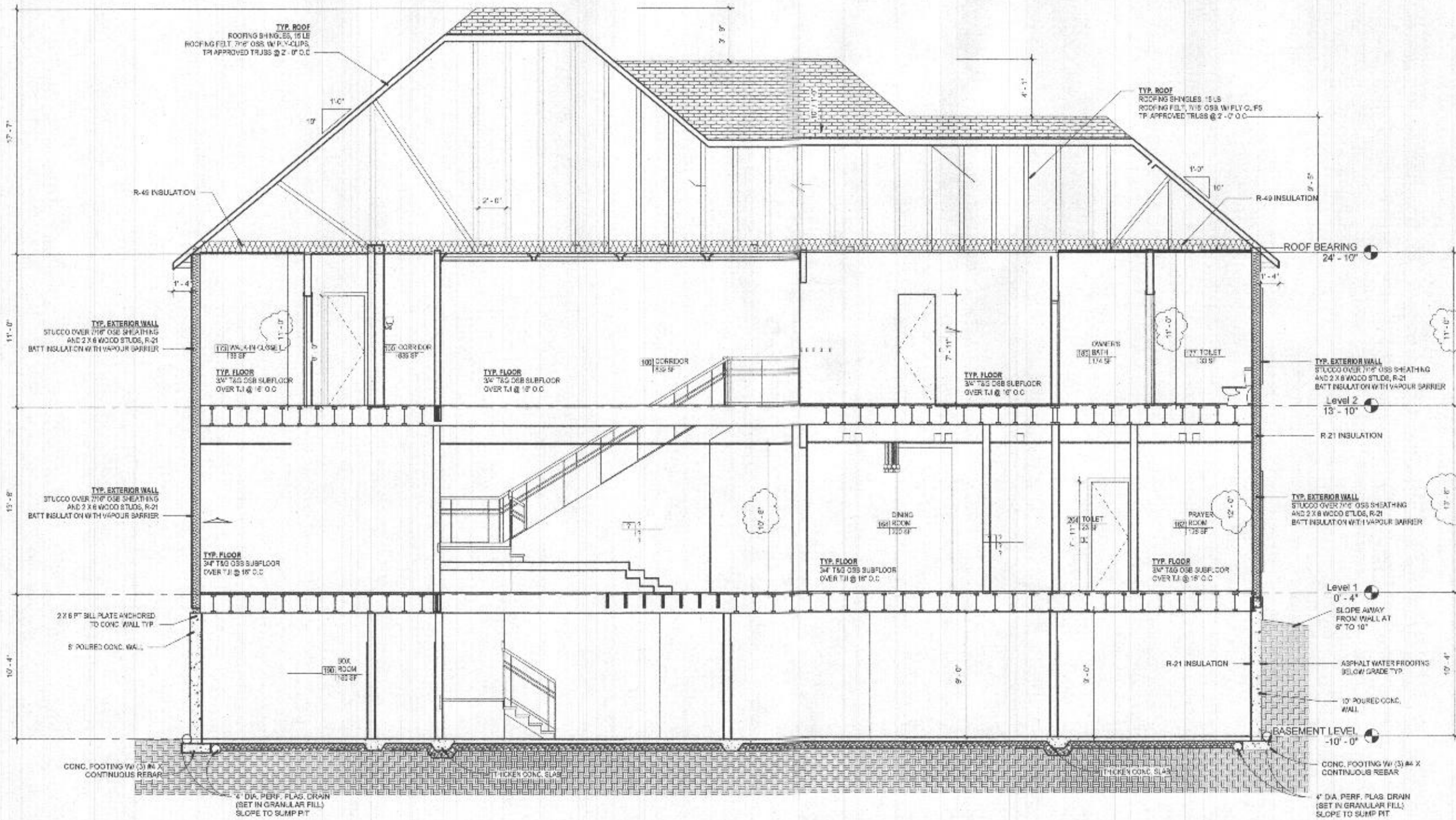
TABLE R302.5

**DWELLING / GARAGE SEPARATION SEPARATION MATERIAL:**

ATTACH GARAGE SEPARATION FROM RESIDENCE AND ATTIC: 1/2" X 2" GYP/PLM BOARD WITH QUARTER ABOVE, NON-COMBUSTIBLE FLOOR SLOPE TO THE GARAGE OVERHEAD WITH A MINIMUM ELEVATION TO RESIDENCE FLOOR, 30 MINUTES OR 1-3/4" SOLID WOOD FLOOR WITH SELF-CLOSING DOOR OPENING INTO SLEEPING AREA

THE GARAGE SHALL BE SEPARATED AS REQUIRED BY TABLE R302.5 OPENINGS IN GARAGE WALLS SHALL COMPLY WITH SECTION R302.5 THIS PROVISION DOES NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO ADJACENT UNIT WALL.

1. FROM THE RESIDENCE AND ATTIC NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE.
2. FROM ALL HABITABLE ROOMS ABOVE THE GARAGE NOT LESS THAN 5/8 INCH TYPE X GYPSUM BOARD OR EQUIVALENT.
3. STRUCTURES SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR THE SEPARATION REQUIRED BY THIS SECTION, NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT.
4. GARAGE LOCATED LESS THAN 3 FEET FROM THE DWELLING UNIT ON THE SAME LOT NOT LESS THAN 1/2 INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA.



**PRIVATE RESIDENTIAL HOME**  
 6530 HAVILAND MILL ROAD,  
 CLARKSVILLE MD 21029



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**CIVIL ENGINEERS**  
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 130 S. POTOMAC ST., HAGERSTOWN MD 21740  
 TEL: (301) 791-1660  
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PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND.  
 LICENSE NO: 16952 EXPIRATION DATE: OCT 2024

Job No:	21006	
Drawn by:	Author	
Checked by:	Checker	
Date:	03/14/2023	
No.	Description	Date
1	Revision 1	3/25/2022

**BUILDING SECTIONS**  
 PERMIT SET  
 Sheet No. **A111**

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 APR 11 2023  
 PLAN REVIEW DIVISION





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Best:  
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED (PROFESSIONAL ARCHITECT) UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE No. 19652, EXPIRATION DATE OCT. 2024 \*

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Drawn by:	Author	
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No.	Description	Date

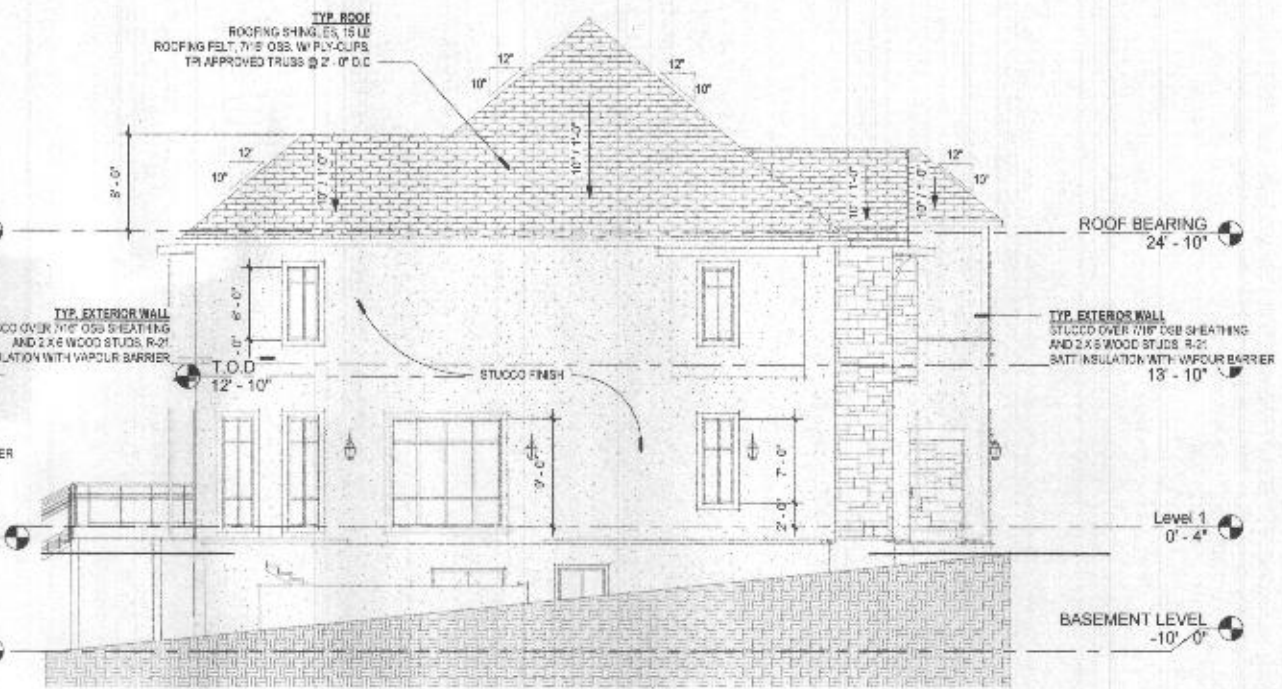
BUILDING ELEVATIONS

PERMIT SET

Sheet No. A109

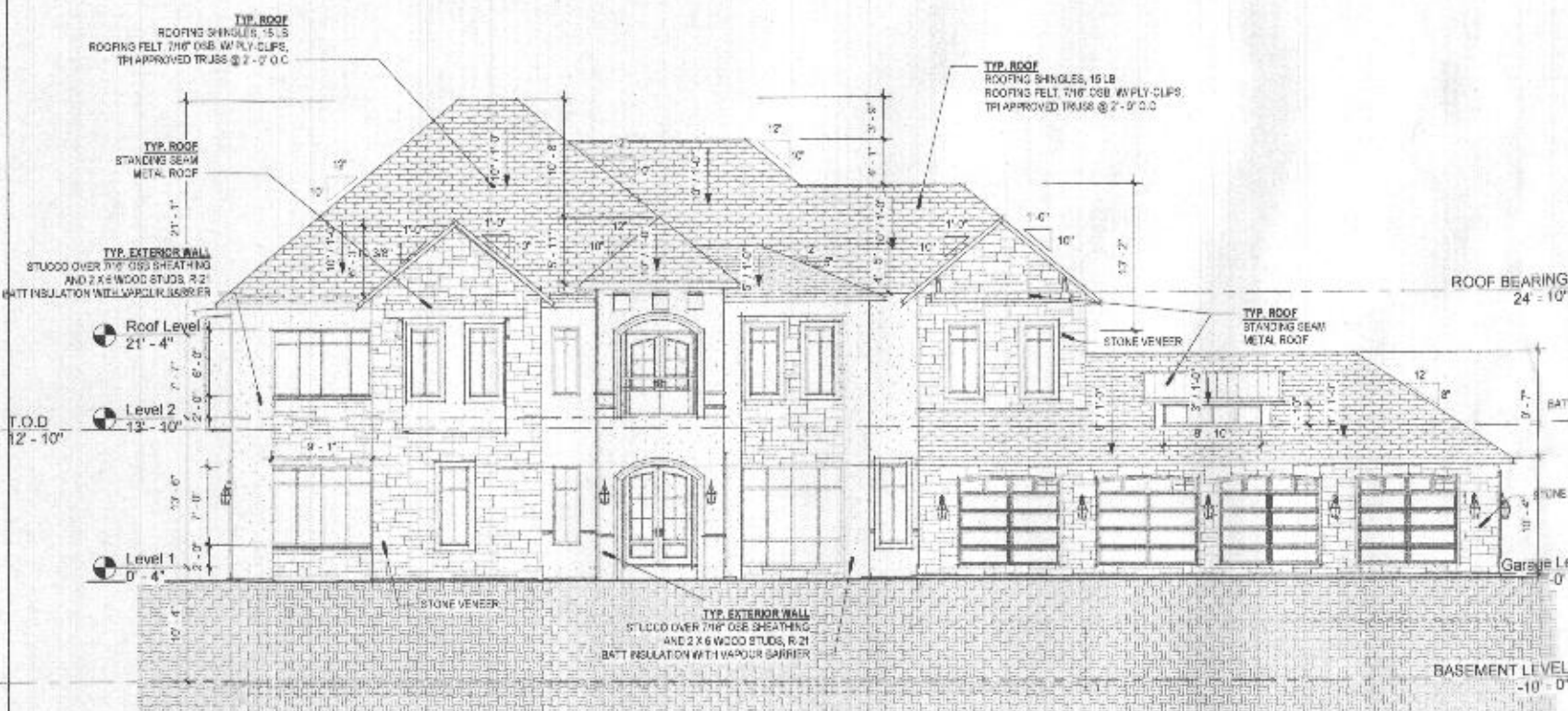
APR 11 2023

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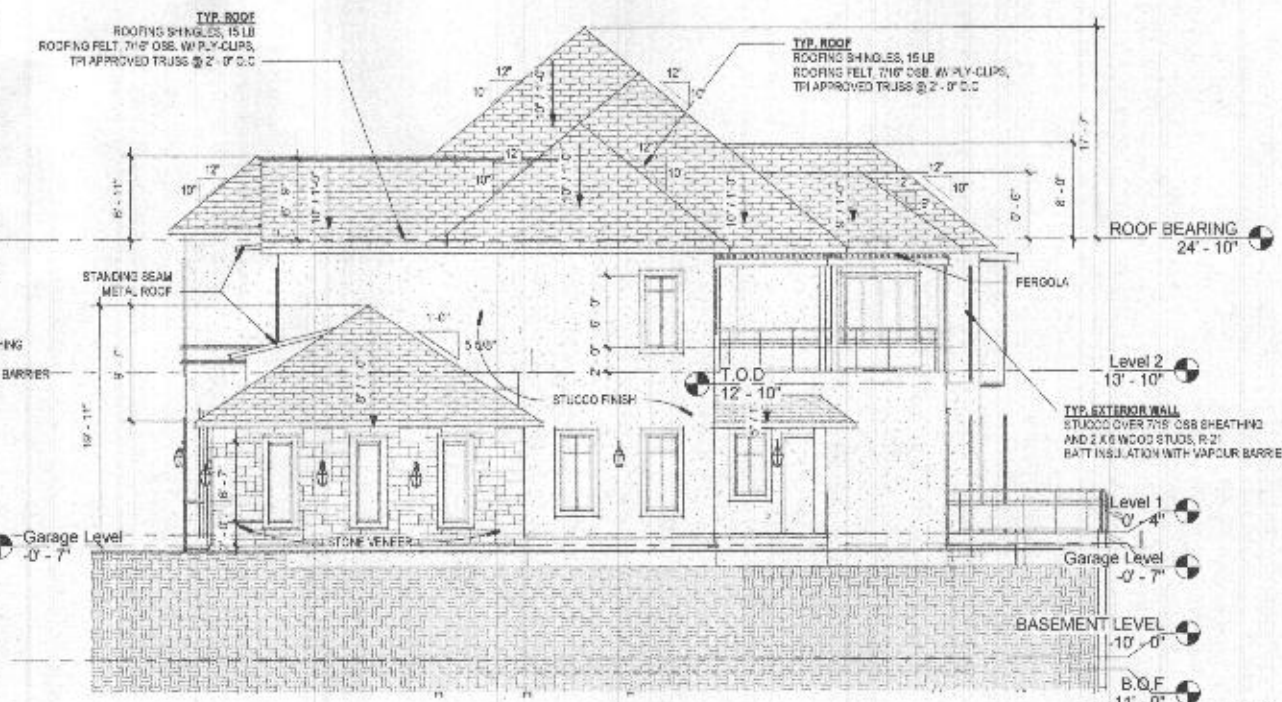
02 LEFT SIDE ELEVATION

18'-1'-0"



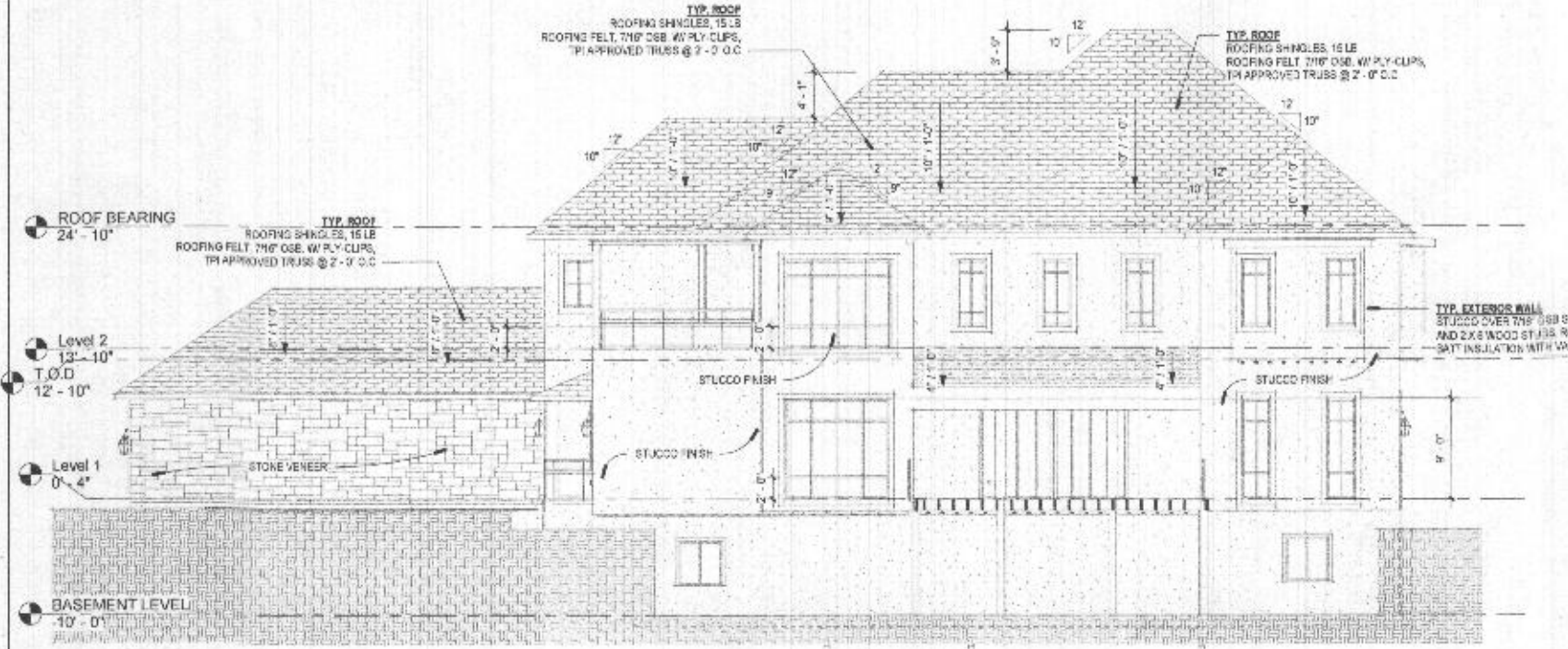
01 APPROACH ELEVATION

18'-1'-0"



04 RIGHT SIDE ELEVATION

18'-1'-0"



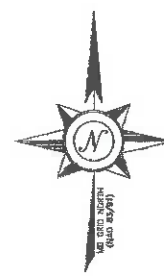
03 BACK ELEVATION

18'-1'-0"

Approved RAC

62200 2378

5/5/2023



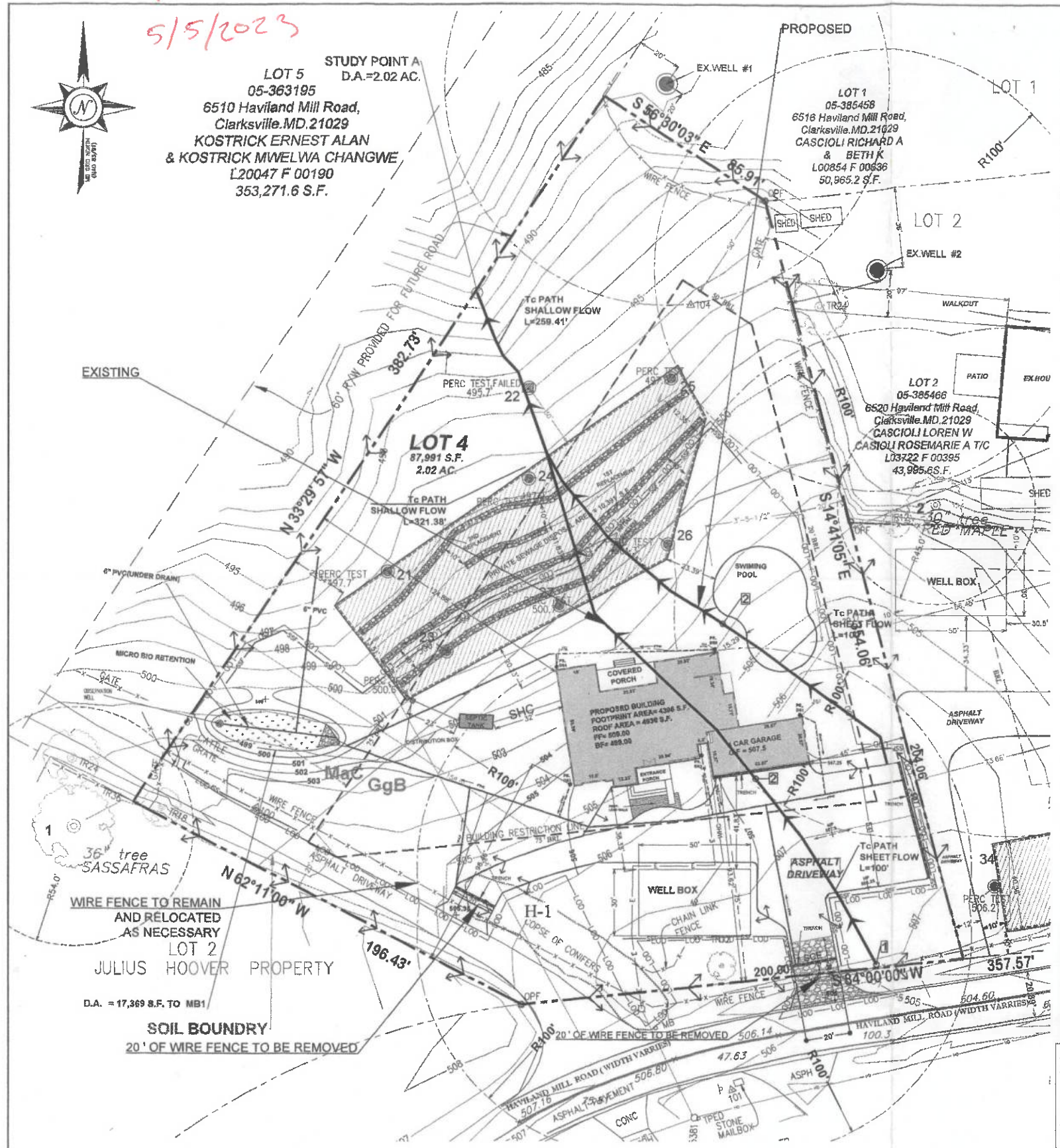
LOT 5  
05-363195  
6510 Haviland Mill Road,  
Clarksville, MD. 21029  
KOSTRICK ERNEST ALAN  
& KOSTRICK MWELWA CHANGWE  
L20047 F 00190  
353,271.6 S.F.

STUDY POINT A  
D.A. = 2.02 AC.

LOT 1  
05-385458  
6516 Haviland Mill Road,  
Clarksville, MD. 21029  
CASCIOLI RICHARD A  
& BETH K  
L00854 F 00836  
50,965.2 S.F.

LOT 2  
05-385466  
6520 Haviland Mill Road,  
Clarksville, MD. 21029  
CASCIOLI LOREN W  
& CASCIOLI ROSEMARIE A T/C  
L03722 F 00395  
43,985.6 S.F.

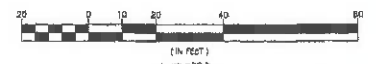
LOT 4  
87,991 S.F.  
2.02 AC.



WIRE FENCE TO REMAIN  
AND RELOCATED  
AS NECESSARY  
LOT 2  
JULIUS HOOVER PROPERTY  
D.A. = 17,369 S.F. TO MB1

SOIL BOUNDARY  
20' OF WIRE FENCE TO BE REMOVED

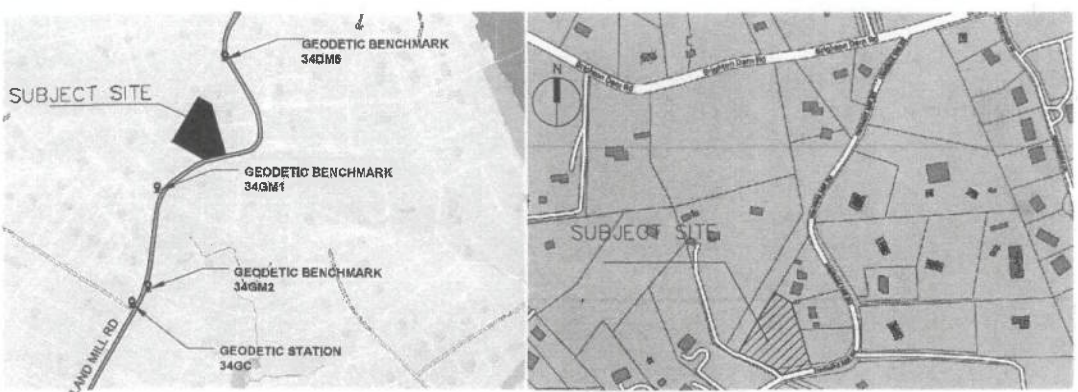
1 SITE PLAN  
SCALE: 1" = 30'



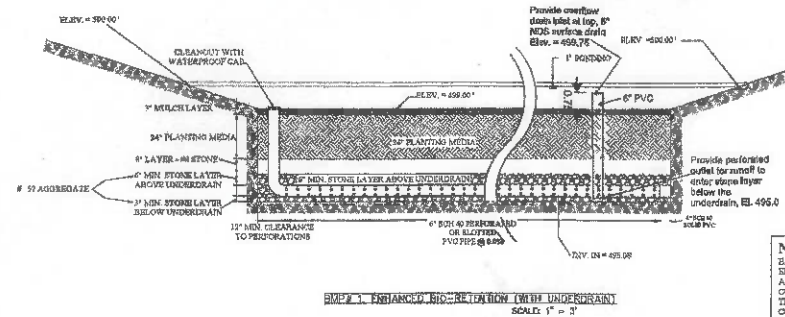
STORMWATER MANAGEMENT REQUIREMENTS

DRAINAGE AREA TO	PROPOSED PRACTICE	SURFACE AREA PROVIDED (S.F.)	PROVIDED VOLUME ESDV (c.f.)
BIO RETENTION	BIO RETENTION	777 S.F.	1806.84 (c.f.)
BUILDING ROOF + SITE DRAINAGE TO BMP	BIO RETENTION	777 S.F.	1806.84 (c.f.)

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
Chief, Development Engineering Division  
DATE  
Chief, Division of Land Development  
DATE



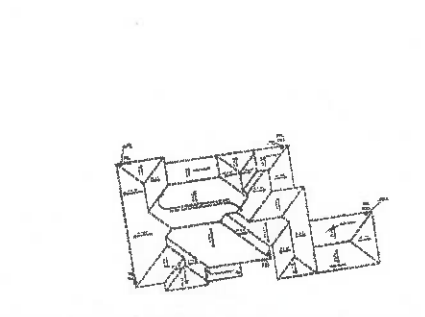
VICINITY MAP  
SCALE: 1" / 500  
MAP 4933 GRID: B9 AND B10



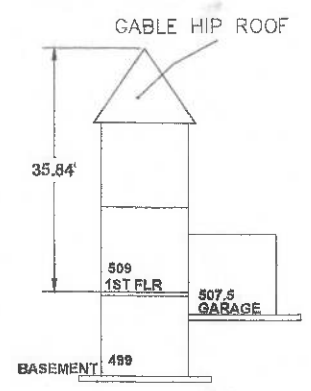
**APPROVED**  
2/24/22

NOTE:  
BASED ON THE PERMITS CONDUCTED FOR THIS SITE, THE ONLY ENVIRONMENTAL REGULATIONS ARE TWO SPECIFIC TREES AND ONE ACRES WOODED AREA AND BASED ON HOWARD COUNTY CONSERVATION MANUAL REGULATION, SECTION 16.12000000, THE ONLY CRITERIA OF SUBJECT SITE CAN BE EXEMPT OF FOREST CONSERVATION ACT.

NOTE:  
HOWARD COUNTY FOREST CONSERVATION MANUAL, SECTION 16.12000000, DOES NOT REQUIRE A FOREST CONSERVATION PLAN FOR THIS PROJECT. THE PROJECTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.



2 PROPOSED BUILDING ROOF DRAINAGE AREA PLAN  
SCALE: 1" = 10'



SITE ANALYSIS DATA SHEET

NET FLAT AREA	0.00 ACRES
WETLAND AREA	0.00 ACRES
WETLAND BUFFER	0.00 ACRES
FLOODPLAIN AREA	0.00 ACRES
STEEL AREA	0.00 ACRES
FOREST AREA	0.00 ACRES
STEEL SLOPES IN EXCESS OF 15%	0.00 ACRES
ERODIBLE SOILS AREA	0.00 ACRES
SHADE OF DISTURBANCE FLOOD	1.54 ACRES
FOREST AREA WITHIN 100' BUFFER	0.00 ACRES
AREA OF STEEP SLOPES DISTURBANCE	0.00 ACRES
GREEN OPEN AREA	1.69 ACRES
PROPOSED IMPERVIOUS AREA	0.33 ACRES

OPERATION AND MAINTENANCE SCHEDULE FOR PRIVATELY OWNED AND MAINTAINED STORAGE WATER BIO RETENTION (MB-1)

- The Owner shall inspect the neighboring wetland structures on a quarterly basis and shall report any issues.
- The Owner shall inspect the water levels and maintain them in the monitoring wells over a period of several days to insure proper drainage.
- The Owner shall maintain a log book to document the date at which the facility is inspected.
- When the facility becomes clogged or the water level drops below a certain point (75% base line period), corrective action shall be taken.
- The maintenance log book shall be available to Howard County for inspection to insure compliance with operation and maintenance criteria.
- Check the performance characteristics of the infiltration facility have been verified, the monitoring techniques can be reduced or approved based on the performance data following that event impact negligible to minimal.

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
[Symbol]	EXISTING STRUCTURE	[Symbol]	PROPOSED STRUCTURE
[Symbol]	EXISTING DRIVEWAY	[Symbol]	PROPOSED DRIVEWAY
[Symbol]	EXISTING EASEMENT	[Symbol]	PROPOSED EASEMENT
[Symbol]	EXISTING PROPERTY LINE	[Symbol]	PROPOSED PROPERTY LINE
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[Symbol]	EXISTING ACID	[Symbol]	PROPOSED ACID
[Symbol]	EXISTING ALKALI	[Symbol]	PROPOSED ALKALI
[Symbol]	EXISTING OIL	[Symbol]	PROPOSED OIL
[Symbol]	EXISTING GREASE	[Symbol]	PROPOSED GREASE
[Symbol]	EXISTING DIRT	[Symbol]	PROPOSED DIRT
[Symbol]	EXISTING CLAY	[Symbol]	PROPOSED CLAY
[Symbol]	EXISTING SILT	[Symbol]	PROPOSED SILT
[Symbol]	EXISTING SAND	[Symbol]	PROPOSED SAND
[Symbol]	EXISTING GRAVEL	[Symbol]	PROPOSED GRAVEL
[Symbol]	EXISTING ASPHALT	[Symbol]	PROPOSED ASPHALT
[Symbol]	EXISTING CONCRETE	[Symbol]	PROPOSED CONCRETE
[Symbol]	EXISTING BRICK	[Symbol]	PROPOSED BRICK
[Symbol]	EXISTING STONE	[Symbol]	PROPOSED STONE
[Symbol]	EXISTING METAL	[Symbol]	PROPOSED METAL
[Symbol]	EXISTING GLASS	[Symbol]	PROPOSED GLASS
[Symbol]	EXISTING PLASTER	[Symbol]	PROPOSED PLASTER
[Symbol]	EXISTING GYPSUM	[Symbol]	PROPOSED GYPSUM
[Symbol]	EXISTING CEMENT	[Symbol]	PROPOSED CEMENT
[Symbol]	EXISTING LIME	[Symbol]	PROPOSED LIME
[Symbol]	EXISTING SALT	[Symbol]	PROPOSED SALT
[Symbol]	EXISTING ACID	[Symbol]	PROPOSED ACID
[Symbol]	EXISTING ALKALI	[Symbol]	PROPOSED ALKALI
[Symbol]	EXISTING OIL	[Symbol]	PROPOSED OIL
[Symbol]	EXISTING GREASE	[Symbol]	PROPOSED GREASE
[Symbol]	EXISTING DIRT	[Symbol]	PROPOSED DIRT
[Symbol]	EXISTING CLAY	[Symbol]	PROPOSED CLAY
[Symbol]	EXISTING SILT	[Symbol]	PROPOSED SILT
[Symbol]	EXISTING SAND	[Symbol]	PROPOSED SAND
[Symbol]	EXISTING GRAVEL	[Symbol]	PROPOSED GRAVEL
[Symbol]	EXISTING ASPHALT	[Symbol]	PROPOSED ASPHALT
[Symbol]	EXISTING CONCRETE	[Symbol]	PROPOSED CONCRETE
[Symbol]	EXISTING BRICK	[Symbol]	PROPOSED BRICK
[Symbol]	EXISTING STONE	[Symbol]	PROPOSED STONE
[Symbol]	EXISTING METAL	[Symbol]	PROPOSED METAL
[Symbol]	EXISTING GLASS	[Symbol]	PROPOSED GLASS
[Symbol]	EXISTING PLASTER	[Symbol]	PROPOSED PLASTER
[Symbol]	EXISTING GYPSUM	[Symbol]	PROPOSED GYPSUM
[Symbol]	EXISTING CEMENT	[Symbol]	PROPOSED CEMENT
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[Symbol]	EXISTING SALT	[Symbol]	PROPOSED SALT
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[Symbol]	EXISTING ALKALI	[Symbol]	PROPOSED ALKALI
[Symbol]	EXISTING OIL	[Symbol]	PROPOSED OIL
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[Symbol]	EXISTING ASPHALT	[Symbol]	PROPOSED ASPHALT
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[Symbol]	EXISTING BRICK	[Symbol]	PROPOSED BRICK
[Symbol]	EXISTING STONE	[Symbol]	PROPOSED STONE
[Symbol]	EXISTING METAL	[Symbol]	PROPOSED METAL
[Symbol]	EXISTING GLASS	[Symbol]	PROPOSED GLASS
[Symbol]	EXISTING PLASTER	[Symbol]	PROPOSED PLASTER
[Symbol]	EXISTING GYPSUM	[Symbol]	PROPOSED GYPSUM
[Symbol]	EXISTING CEMENT	[Symbol]	PROPOSED CEMENT
[Symbol]	EXISTING LIME	[Symbol]	PROPOSED LIME
[Symbol]	EXISTING SALT	[Symbol]	PROPOSED SALT
[Symbol]	EXISTING ACID	[Symbol]	