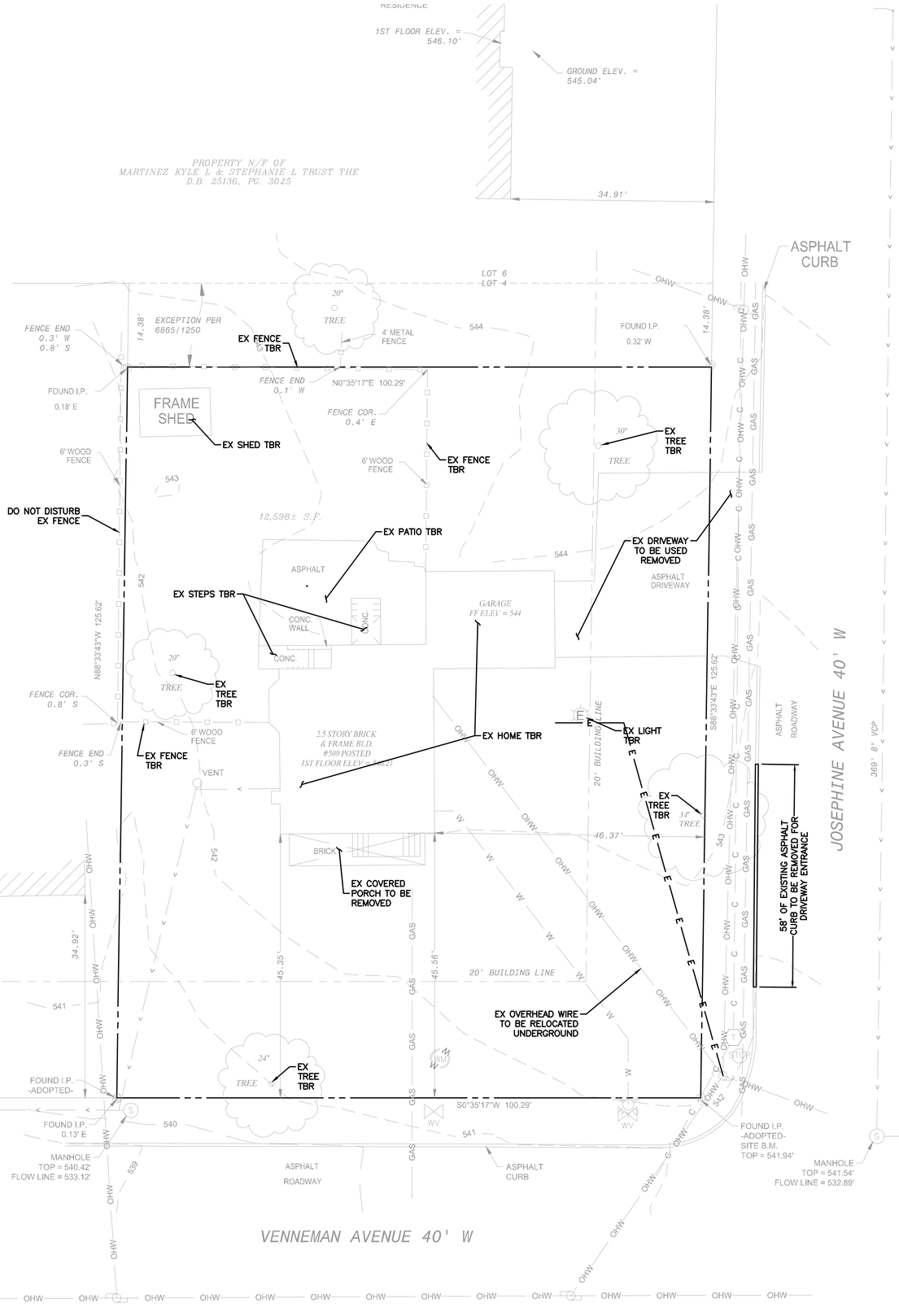
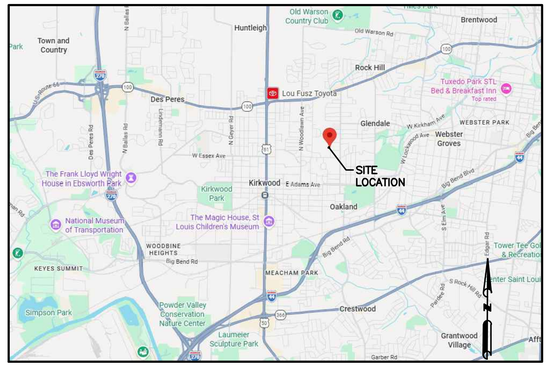



LOCATION MAP

## DEMOLITION NOTES:

1. AREAS SURROUNDING THIS SITE MAY CONTAIN BOTH PEDESTRIAN AND VEHICLE TRAFFIC. ALL NECESSARY CARE SHALL BE TAKEN BY THE CONTRACTOR TO ENSURE THE SAFETY OF THE GENERAL PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND MAINTAINING SAFE AND EFFICIENT PROJECT LIMITS. THE CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL GUIDELINES WITH REGARDS TO CONSTRUCTION SAFETY THROUGHOUT THE ENTIRE DURATION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY BREACHS OF SAFETY OR DESTRUCTION OF PROPERTY RELATED TO THE CONSTRUCTION OF THIS PROJECT.
2. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF ACCORDING TO ALL FEDERAL, STATE AND LOCAL REGULATIONS.
3. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE ANY EXISTING SITE FEATURES TO REMAIN. IF ANY DAMAGE OCCURS, THE CONTRACTOR SHALL CONTACT THE OWNERS REPRESTATIVE IMMEDIATLEY. THE CONTRACTOR SHALL REPAIR ALL DAMAGED ITEMS TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
4. WHERE PAVEMENT, WALKS, ETC. ARE TO BE REMOVED, SAWCUT AT LOCATIONS SHOWN, OR REMOVE ENTIRELY TO NEAREST AVAILABLE JOINT.
5. ALL ASPHALT AND CONCRETE INDICATED TO BE REMOVED SHALL BE REMOVED COMPLETELY. THIS INCLUDES ANY AND ALL GRANULAR BASE ENCOUNTERED.
6. UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THAT THERE ARE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR(S) TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION PRIOR TO ANY EXCAVATION OR TRENCHING WORK TO AVOID DAMAGING THEM.

GRAPHIC SCALE

10 0 5 10 20 40

( IN FEET )
1 INCH = 10 FT.

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Energy, IL 62933
(314) 368-3040

STATE OF MISSOURI — MICHAEL A. BUESCHER — NUMBER E-20010187 14 — REGISTERED PROFESSIONAL ENGINEER

10/22/26

Michael A. Buescher, P.E. - Civil Engineering
Missouri P.E. - E-20010187 14

MB Engineering, Inc. Missouri Authority No. E-2015041404

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**PROJECT REVISION:**

| NO: | DATE: | DESCRIPTION: |
|---|---|---|
| 1 | 08-11-26 | FOR REVIEW |
| 2 | 10-12-26 | CLIENT CHANGES |
| 3 | 10-22-26 | CLIENT CHANGES |

# 509 Venneman Ave.

*Glendale, MO 63122*

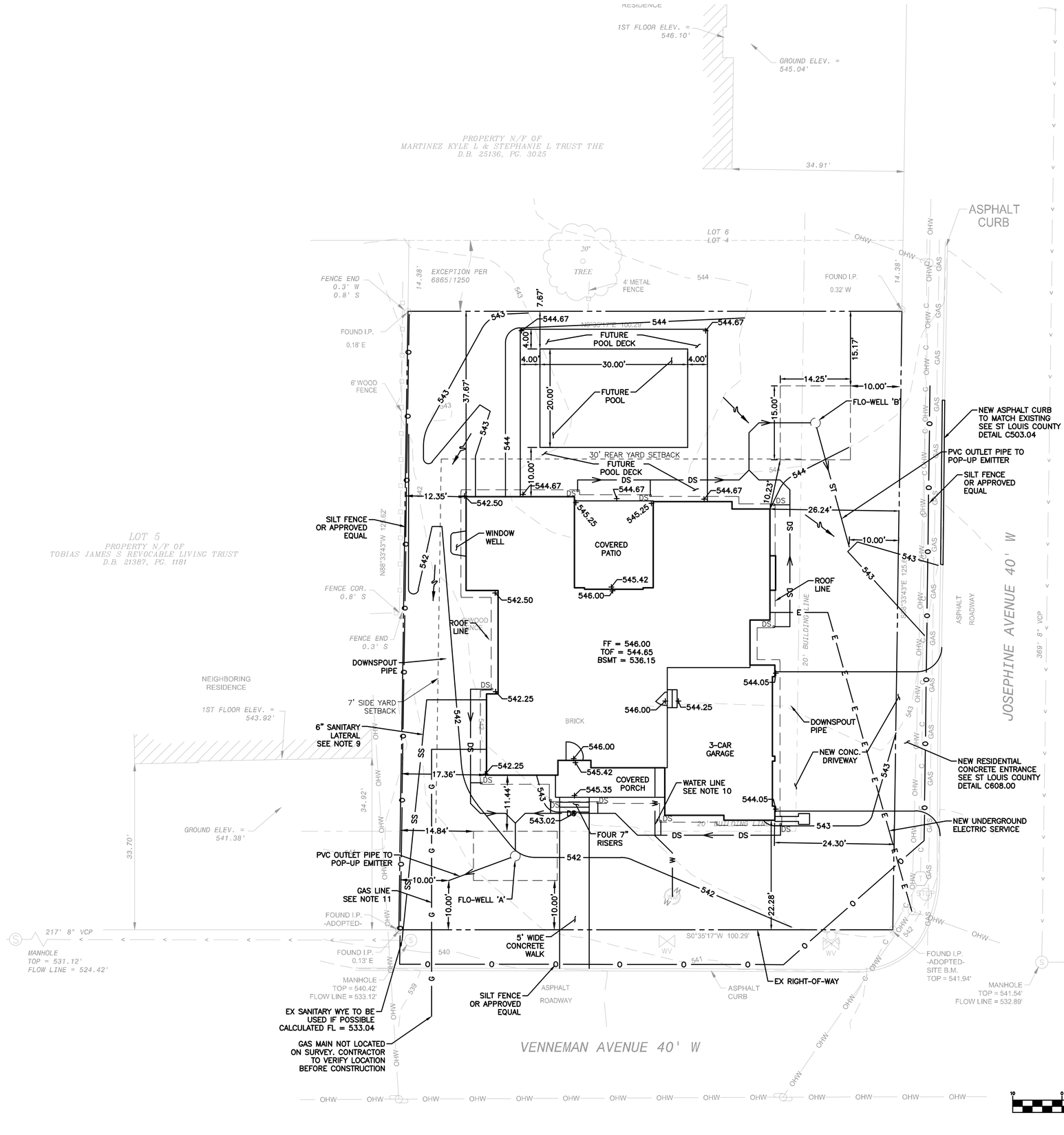
*Plans are prepared for:*
*Molner Homes*
*3781 Baville Ct.*
*Florissant, MO 63034*

**DATE:** 08-11-26
**DRAFTED BY:** KB
**APPRVD. BY:** MB

**SHEET TITLE:**
REMOVAL PLAN

**SHEET NUMBER:**
C1

**PROJECT NO: 26-1218**




GRAPHIC SCALE

( IN FEET )
1 INCH = 10 FT.

NOTES:

1. AREAS SURROUNDING THIS SITE MAY CONTAIN BOTH PEDESTRIAN AND VEHICLE TRAFFIC. ALL NECESSARY CARE SHALL BE TAKEN BY THE CONTRACTOR TO ENSURE THE SAFETY OF THE GENERAL PUBLIC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING AND MAINTAINING SAFE AND EFFICIENT PROJECT LIMITS. THE CONTRACTOR SHALL FOLLOW ALL FEDERAL, STATE AND LOCAL GUIDELINES WITH REGARDS TO CONSTRUCTION SAFETY THROUGHOUT THE ENTIRE DURATION OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY BREACHES OF SAFETY OR DESTRUCTION OF PROPERTY RELATED TO THE CONSTRUCTION OF THIS PROJECT.
2. ALL DEMOLITION DEBRIS SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF ACCORDING TO ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL NECESSARY INSPECTIONS WITH MSD, AND/OR ALL OTHER UTILITY COMPANIES INVOLVED WITH THIS PROJECT. THE CONTRACTOR SHALL ALSO PAY ANY FEES ASSOCIATED WITH PERMITS, INSPECTIONS AND ANY OTHER CONSTRUCTION RELATED ACTIVITIES
4. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE ANY EXISTING SITE FEATURES TO REMAIN. IF ANY DAMAGE OCCURS, THE CONTRACTOR SHALL CONTACT THE OWNERS REPRESENTATIVE IMMEDIATELY. THE CONTRACTOR SHALL REPAIR ALL DAMAGED ITEMS TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST.
5. UNDERGROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS POSSIBLE THAT THERE ARE OTHERS, THE EXISTENCE OF WHICH IS NOT PRESENTLY KNOWN OR SHOWN. IT IS THE RESPONSIBILITY OF THE CONTRACTOR(S) TO DETERMINE THEIR EXISTENCE AND EXACT LOCATION PRIOR TO ANY EXCAVATION OR TRENCHING WORK TO AVOID DAMAGING THEM.
6. ALL SEWER CONSTRUCTION AND MATERIALS SHALL BE CONSTRUCTED IN ACCORDANCE WITH MSD STANDARD CONSTRUCTION SPECIFICATION, 2009.
7. MAINTENANCE OF ALL SEWERS DESIGNED AS "PUBLIC" SHALL BECOME THE RESPONSIBILITY OF MSD UPON DEDICATION OF THE SEWERS TO THE DISTRICT.
8. NO ALTERATIONS TO THE EXISTING DRAINAGE PATTERN ARE PROPOSED.
9. SANITARY SEWER SERVICE: NEW SANITARY SEWER LATERAL SHALL BE 6" PVC SLOPED AT 2% MINIMUM. FOLLOW ALL MSD STANDARDS FOR MACHINE TAP, TRENCHING AND BACKFILL. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3 FEET OF COVER OVER THE PROPOSED SEWER LATERAL.
10. WATER SERVICE:
    - THE CONTRACTOR'S PLUMBER WILL INSTALL THE SERVICE LINE FROM THE FOUNDATION OF THE BUILDING TO (4) FT FROM THE PROPOSED METER BOX LOCATION.
      - THE COPPER SERVICE WILL BE INSTALLED UP TO GROUND LEVEL AND TERMINATED. METER BOX TO BE INSTALLED BY MOAW WITHIN (5) FT OF THE PROPERTY LINE ON THE MAIN OR BUILDING SIDE OF THE PROPERTY LINE.
    - THE CUSTOMER'S REPRESENTATIVE WILL PURCHASE THE TAP FROM MOAW AT LEAST TWO (2) WEEKS IN ADVANCE OF NEEDING THE CONNECTION TO ALLOW FOR SCHEDULING.
    - THE CUSTOMER'S PORTION OF THE SERVICE LINE MUST BE INSTALLED PRIOR TO PURCHASING THE TAP FROM MOAW.
    - AT THE TIME OF PURCHASE, PROVIDE THE FOLLOWING:
      - TAP FEE; INCLUDES THE TAP TO THE WATER MAIN, SERVICE LINE INSTALLATION FROM THE WATER MAIN TO (4) FT BEYOND THE METER BOX LOCATION, METER BOX, AND THE METER SETTER.
      - COPY OF THE PLUMBING PERMIT.
      - DNR FORM 1
    - ONCE MOAW RECEIVES THE ABOVE DOCUMENTS AND FEES THE CUSTOMER'S ACCOUNT WILL BE SET UP AND THE TAP CONNECTION AND INSTALLATION WILL BE SCHEDULED.
    - MOAW WILL BE RESPONSIBLE TO EXCAVATE THE OSHA SAFE EXCAVATION FOR THE SERVICE CONNECTION, THE SERVICE CONNECTION, THE INSTALLATION OF THE SERVICE LINE FROM THE WATER MAIN TO (4) FT BEYOND THE METER BOX LOCATION, THE METER BOX, METER SETTER AND METER.
    - THE CONTRACTOR WILL ENSURE THE PROPERTY LINE IS CLEARLY IDENTIFIED, AND MUST REMAIN SO, DURING INSTALLATION OF THE SERVICE AND METER BOX.
    - THE METER WILL BE SET AT THE TIME OF THE MAIN BEING TAPPED FOR THE CONNECTION FOR 1" METERS.
    - THE INSTALLATION WILL INCLUDE CONNECTING TO THE CUSTOMER S PREVIOUSLY INSTALLED COPPER SERVICE LINE THAT WAS TERMINATED AT GROUND LEVEL.
11. GAS SERVICE: NEW GAS SERVICE PER GOVERNING GAS COMPANY SPECIFICATIONS.
12. ALL DOWNSPOUTS TIED TO A FLO-WELL SHALL HAVE GUTTER GUARDS.

FLOWLINE OF SEWER MAIN MUST BE
2.5 FT + SEWER MAIN DIAMETER + SEWER LATERAL
@ 2% SLOPE BELOW THE BASEMENT ELEVATION
2.5 + .67 + (74 * .02) = 4.65
536.15 - 4.65 = 531.50
HUNG PLUMBING IS REQUIRED

IMPERVIOUS AREA CALCULATIONS

12,597.96 SQ FT PROPERTY

3,092.44 SQ FT BLDG
2,044.50 SQ FT PAVEMENT
600.00 SQ FT POOL
5,736.94 SQ FT IMPERVIOUS

5,736.94 / 12,597.96 = 45.5%

THESE CALCULATIONS DO NOT INCLUDE THE ROOF OVERHANG


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STATE OF MISSOURI
REGISTERED
MICHAEL A. BUESCHER
NUMBER E-2001018714
PROFESSIONAL ENGINEER
10/22/26

Michael A. Buescher, P.E. - Civil Engineering
Missouri P.E. - E-2001018714

MB Engineering, Inc. Missouri Authority No. E-2015041404

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| 3 | 10-22-26 | CLIENT CHANGES |

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Glendale, MO 63122

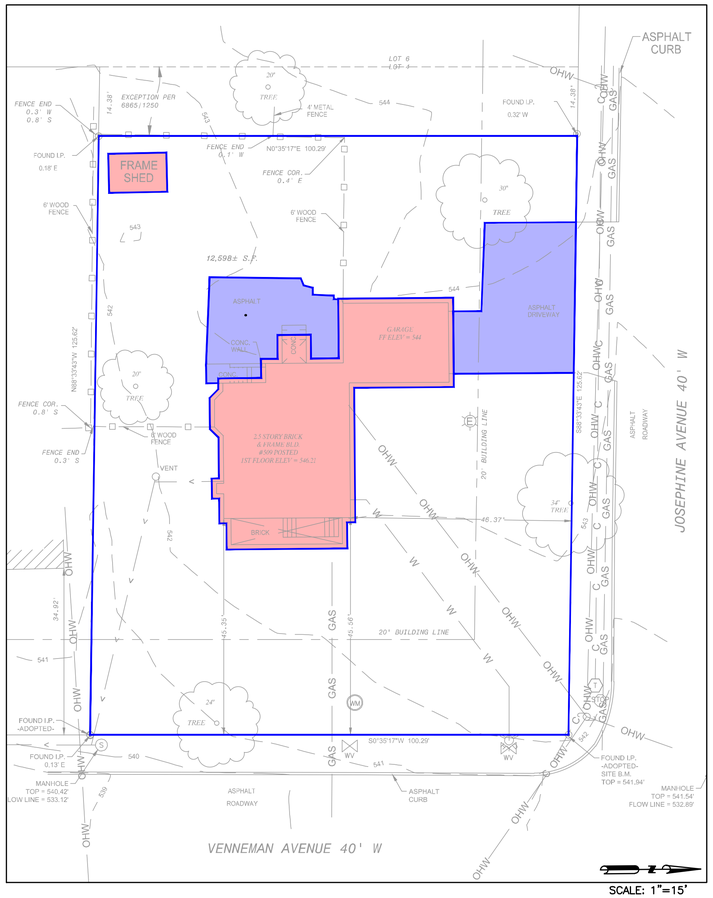
Plans are prepared for:
Molner Homes
3781 Baville Ct.
Florissant, MO 63034

DATE: 08-11-26
DRAFTED BY: KB
APPRVD. BY: MB

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C2

PROJECT NO: 26-1218



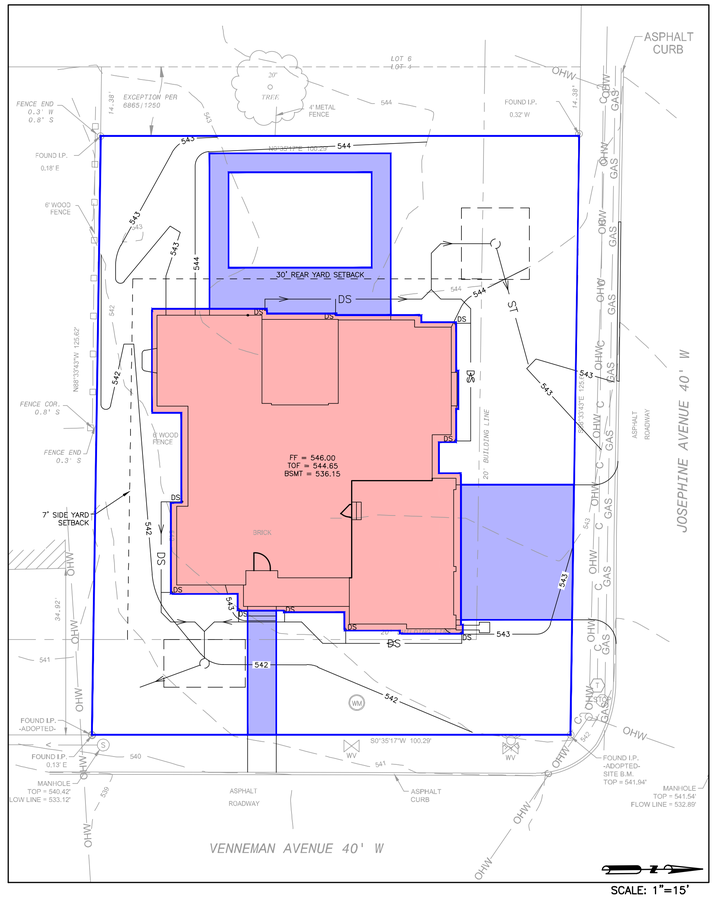

SCALE: 1"=15'

| EXISTING AREA | AREA (SF) | ACRES | 15-YR 20-MIN PI | CFS |
|---|---|---|---|---|
| ROOF | 1,670.71 | 0.038 | 4.20 | 0.161 |
| PAVEMENT | 1,142.91 | 0.026 | 3.54 | 0.093 |
| LAWN | 9784.34 | 0.225 | 1.70 | 0.382 |
| TOTALS | 12,597.96 | 0.289 | | 0.636 |

THESE CALCULATIONS INCLUDE ROOF OVERHANG

EX IMPERVIOUS ROOF AREA

EX IMPERVIOUS PAVED AREA



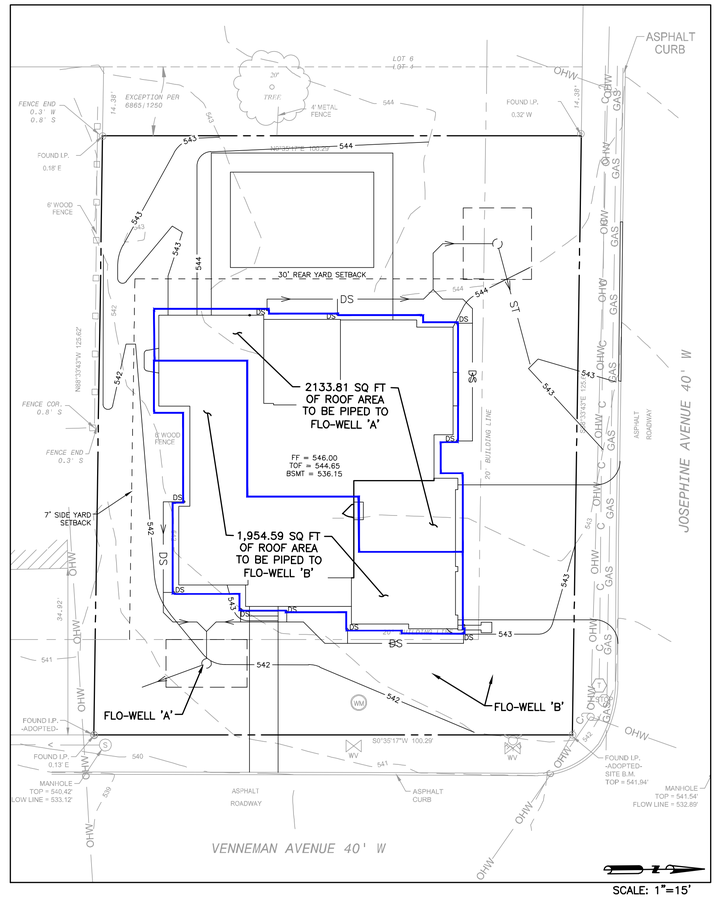

SCALE: 1"=15'

| PROPOSED AREA | AREA (SF) | ACRES | 15-YR 20-MIN PI | CFS |
|---|---|---|---|---|
| ROOF | 3,848.63 | 0.088 | 4.20 | 0.371 |
| PAVEMENT | 1,489.58 | 0.034 | 3.54 | 0.121 |
| POOL | 600.00 | 0.014 | 1.70 | 0.023 |
| LAWN | 7,259.75 | 0.167 | 1.70 | 0.283 |
| TOTALS | 12,597.96 | 0.289 | | 0.799 |

THESE CALCULATIONS INCLUDE ROOF OVERHANG

PR IMPERVIOUS ROOF AREA

PR IMPERVIOUS PAVED AREA




SCALE: 1"=15'

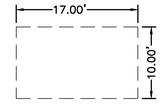
NEW HOMES WILL BE REQUIRED TO CAPTURE AND DELAY THE RELEASE OF ALL STORM WATER COMING OFF OF ANY AREA UNDER ROOF ON A SITE, INCLUDING DETACHED GARAGES

3,848.63 SQ FT OF IMPERVIOUS AREA WILL BE COLLECTED

FLO-WELL 'A'
CONTRIBUTING DRAINAGE AREA = 1714.82 S.F.
IMPERVIOUS COVER (I) = 100%
Rv = 0.05 + 0.009 x 100% = 0.950

WQv = (Pc Rv x A)/12 = (2.5" x 0.95 x 1714.82)/12 = 339.39 C.F.

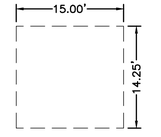
VOLUME OF STORM WATER STORAGE
ASSUMING 40% POROSITY = 848.48 CF OF ROCK IS REQUIRED
USING A 5 FOOT ROCK DEPTH = 169.70 SQ. FT.
17 x 10 = 170 SQ. FT.




FLO-WELL 'B'
CONTRIBUTING DRAINAGE AREA = 2,133.81 S.F.
IMPERVIOUS COVER (I) = 100%
Rv = 0.05 + 0.009 x 100% = 0.950

WQv = (Pc Rv x A)/12 = (2.5" x 0.95 x 2133.81)/12 = 422.32 C.F.

VOLUME OF STORM WATER STORAGE
ASSUMING 40% POROSITY = 1055.80 CF OF ROCK IS REQUIRED
USING A 5 FOOT ROCK DEPTH = 211.16 SQ. FT.
15 x 14.25 = 213.75 SQ. FT.




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STATE OF MISSOURI
MICHAEL A. BUESCHER
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REGISTERED PROFESSIONAL ENGINEER
10/22/26

Michael A. Buescher, P.E. Civil Engineering
Missouri P.E. E-2001018714

MB Engineering, Inc. Missouri Authority No. E-2015041404

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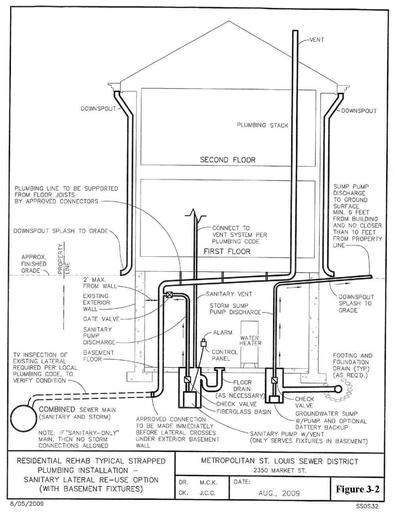
*Plans are prepared for:*
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*3781 Baville Ct.*
*Florissant, MO 63034*

**DATE:** 08-11-26
**DRAFTED BY:** KB
**APPRVD. BY:** MB

**SHEET TITLE:**
**DRAINAGE AREA MAP**

**SHEET NUMBER:**
**C3**

**PROJECT NO: 26-1218**






## *SILT FENCE*

**PHYSICAL DESCRIPTION** - Silt fences are used as temporary perimeter controls, appropriate to the BMP, at sites where construction activities will disturb the soil. They can also be used on the interior of the site. A silt fence consists of a length of filter fabric stretched between anchoring posts spaced at regular intervals along the site at low and down slope areas. The filter fabric should be entrenched in the ground. When installed correctly and inspected frequently, silt fence can be an effective barrier to silt leaving the site in storm water runoff.

**WHERE BMP IS TO BE INSTALLED** - Silt fences apply to construction sites with relatively small drainage areas. They are appropriate in areas where runoff will occur as low-level flow, not exceeding 0.5 c.f.s. The drainage area for silt fences should not exceed 0.25 acre per 100-foot fence length (100 square feet per foot of fence). The slope length above the fence should not exceed 100 feet (NAHB, 1995). The fence should be designed to withstand the runoff from a 10-year peak storm event.

**CONDITIONS FOR EFFECTIVE USE OF BMP** - Spacing of parallel lengths of silt fence along slopes is relative to slope steepness as follows:

| | |
|---|---|
| Type of Flow: | Sheet flow only. |
| Contributing Slope Length: | 30 foot maximum for 3:1 slopes.<br>50 foot maximum for slopes between 3:1 and 10:1.<br>100 foot maximum for slopes under 10%. |

For additional information see Section 806.70 of St. Louis County's Standard Specification for Highway Construction.

**WHEN BMP IS TO BE INSTALLED** - Prior to disturbance of natural vegetation and at intervals during construction of fill slopes. Install on the perimeter of the site (where storm water exits the site) prior to disturbance of natural vegetation, around material stock piles and interior to the site along slopes, at the base of slopes and at intervals during construction of slopes.

**INSTALLATION / CONSTRUCTION PROCEDURES**

- ✓ Drive post for fence line.
- ✓ Dig trench to required dimensions in front of posts for fabric burial.
- ✓ Attach wire mesh to posts.
- ✓ Attach fabric to posts, allowing required length below ground level to run fabric along bottom of trench
- ✓ Backfill and compact soil in trench to protect and anchor fabric.

If a standard-strength fabric is used, it can be reinforced with wire mesh behind the filter fabric. This increases the effective life of the fence. The maximum life expectancy for synthetic fabric silt fences is about 6 months, depending on the amount of rainfall and runoff.

The stakes used to anchor the filter fabric should be wood or metal. Wooden stakes should have minimum dimensions of 2 by 2 inches if a hardwood like oak is used. Stakes from soft woods like No. 2 Southern Pine, should have minimum dimensions of 4 by 4 inches. When using steel (standard U, T, L or C shape sections) posts in place of wooden stakes, they should weigh no less than 1.0 lb/linear foot. If metal posts are used, attachment points are needed for fastening the filter fabric with wire ties. Posts should be least 5 feet long and driven or placed at a slight upstream angle into the ground to a



minimum depth of 18 inches. Depth shall be increased to a minimum of 22 inches if fence is placed on a slope of 3:1 or greater. When the post embedment depth is impossible to obtain, the posts shall be adequately secured to prevent overturning of the fence due to sediment loading.

Erect silt fence in a continuous fashion from a single roll of fabric to eliminate gaps in the fence. If a continuous roll of fabric is not available, overlap the fabric from both directions only at stakes or posts. Overlap at least 6 inches.

The Geosynthetic filter fabric and wire mesh (when applicable) shall be no less than 30 inches above ground and are stapled or wired to the upslope side of the post. Staples should be a 17-gauge wire and ½ inch long. Excavate a trench to bury the bottom of the fabric fence in a "J" configuration at least 6 inches below the ground surface. The trench shall be backfilled with native soil and the soil compacted over the geotextile. This helps to prevent gaps from forming near the ground surface. Gaps would make the fencing useless as a sediment barrier.

The height of the fence posts should be 38 (22-inch embedment) to 42 (18-inch embedment) inches above the original ground surface. If standard-strength fabric is used with 14-gauge steel wire with a mesh spacing of 6 inches by 6 inches (or a prefabricated polymeric mesh of equivalent strength), space the posts no more than 4 feet apart. If extra-strength fabric is used without wire mesh reinforcement, space the posts no more than 4 feet apart with woven or 6 feet apart with non-woven geosynthetic.

| | |
|---|---|
| Alternate Construction: | Install fence by slicing it into ground with specialized equipment.<br>Install posts at reduced spacing indicated on detail. |

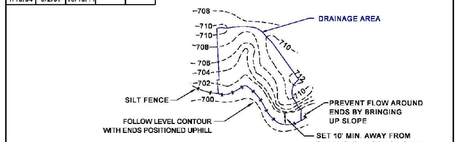
**LIMITATIONS** - Do not install silt fences along areas where rocks or other hard surfaces will prevent you from uniformly anchoring the fence posts and entrenching the filter fabric. Installing fences in such an area greatly reduces their effectiveness and can create runoff channels leading offsite. Silt fences are not suitable for areas where large amounts of concentrated runoff are likely. Fence shall not be used when slope is 1:1 or greater and water flow rates exceed 2 cubic feet per minute. Open, windy areas present a maintenance challenge, too, because high winds can make the filter fabric deteriorate faster. Do not install silt fences across streams, ditches, or waterways (Smolen et al., 1988).

When the pores of the fence fabric become clogged with sediment, pools of water are likely to form on the uphill side of the fence. Setting and design of the silt fence should account for this. Take care to avoid unnecessarily diverting stormwater from these pools, causing further erosion damage.

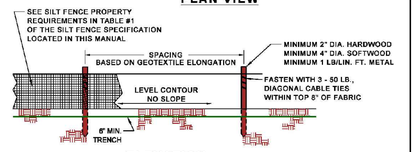
**MAINTENANCE CONSIDERATIONS** - Inspect silt fences regularly and frequently, as well as after each rainfall event, to make sure that they are intact and that there are no gaps where the fence meets the ground or tears along the length of the fence. If you find gaps or tears, repair or replace the fabric immediately. Remove accumulated sediments from the fence base when the sediment reaches one-third to one-half the fence height. Remove sediment more frequently if accumulated sediment is creating noticeable strain on the fabric and the fence might fail from a sudden storm event. When you remove the silt fence, remove the accumulated sediment, dress the area disturbed to give it a pleasing appearance and vegetate all bare areas as well.



| NEW | REVISIONS | | |
|---|---|---|---|
| 1/16/04 | 8/2/07 | 10/10/11 | |

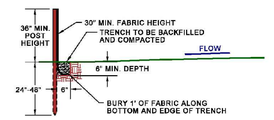



**PLAN VIEW**




**ELEVATION**

FOR ADDITIONAL INFORMATION ON SILT FENCE GEOTEXTILE REQUIREMENTS, POST SPACING, HEIGHT AND SIZE, SEE THE SILT FENCE SPECIFICATION AND TABLE #1 LOCATED IN THIS MANUAL.




**SECTION**




**JOINING SECTIONS OF SILT FENCE**

SAINT LOUIS COUNTY
DEPARTMENT OF HIGHWAYS AND TRAFFIC
CLAYTON, MISSOURI

TYPICAL BMP DETAIL

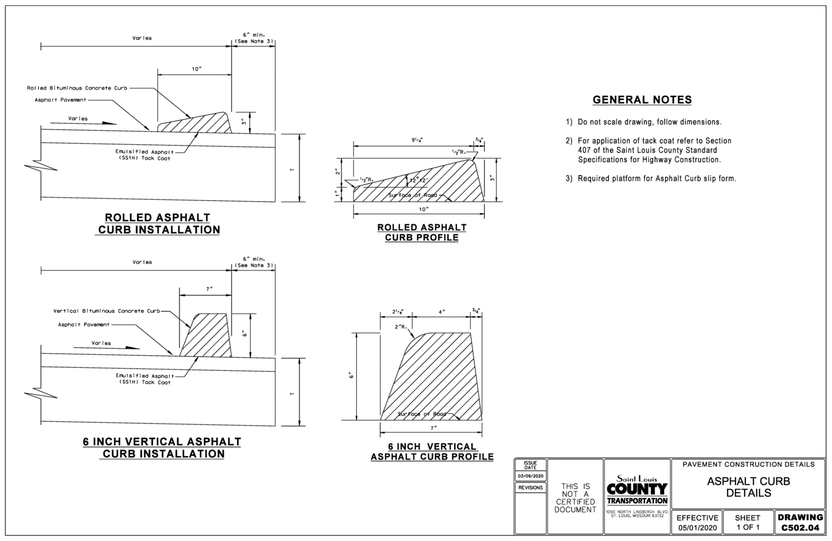
**SILT FENCE**

REVISION DATE: October 10, 2011

**DRAWING 808-70.00**

NOTE: IF FABRIC IS INSTALLED BY EQUIPMENT DESIGNED TO SLICE INTO THE GROUND, THE TRENCH IS NOT NEEDED.






**ROLLED ASPHALT CURB INSTALLATION**

**ROLLED ASPHALT CURB PROFILE**

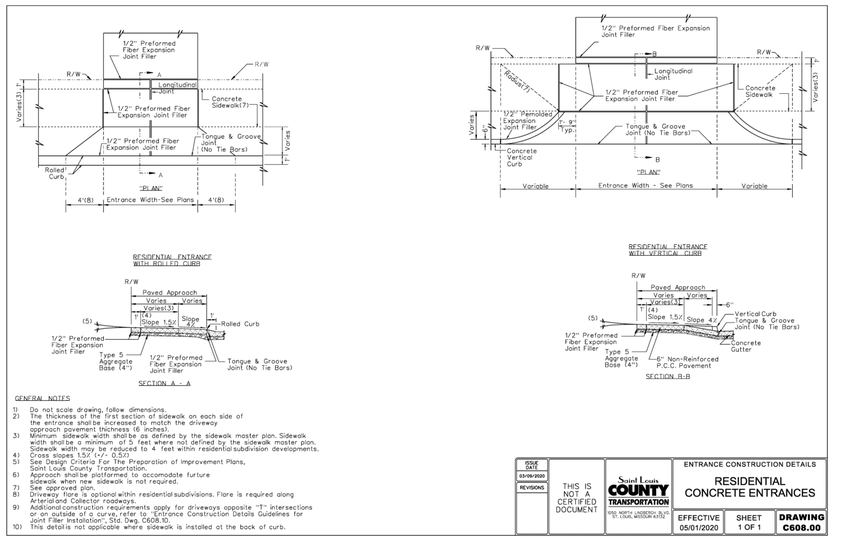
**6 INCH VERTICAL ASPHALT CURB INSTALLATION**

**6 INCH VERTICAL ASPHALT CURB PROFILE**

**GENERAL NOTES**

1) Do not scale drawing, follow dimensions.
2) For application of tack coat refer to Section 407 of the Saint Louis County Standard Specifications for Highway Construction.
3) Required platform for Asphalt Curb slip form.

| ISSUE DATE | THIS IS NOT A CERTIFIED DOCUMENT | Saint Louis COUNTY TRANSPORTATION | PAVEMENT CONSTRUCTION DETAILS |
|---|---|---|---|
| 03/09/2020 | | 1050 NORTH LINDBERGH BLVD. ST. LOUIS, MISSOURI 63132 | ASPHALT CURB DETAILS |
| REVISIONS | | | EFFECTIVE 05/01/2020 · SHEET 1 OF 1 · DRAWING CS02.04 |

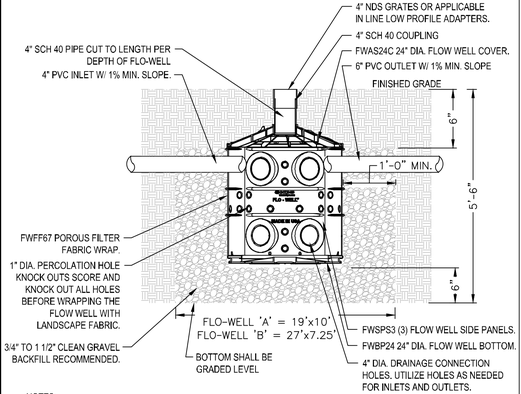



GENERAL NOTES

1) Do not scale drawing, follow dimensions.
2) The thickness of the first section of sidewalk on each side of the entrance shall be increased to match the driveway approach pavement thickness (6 inches).
3) Minimum sidewalk width shall be as defined by the sidewalk master plan. Sidewalk width shall be a minimum of 5 feet where not defined by the sidewalk master plan. Sidewalk width may be reduced to 4 feet within residential subdivision developments.
4) Cross slopes 1.5% (+/- 0.5%)
5) See Design Criteria For The Preparation of Improvement Plans, Saint Louis County Transportation.
6) Approach shall be platformed to accomodate furture sidewalk. Where no sidewalk is not required.
7) See approved plan.
8) Driveway flare is optional within residential subdivisions. Flare is required along Arterial and Collector roadways.
9) Additional construction requirements apply for driveways opposite "T" intersections or an outside of a curve, refer to "Entrance Construction Details Guidelines for Joint Filler Installation", Std. Dwg. C608.10.
10) This details not applicable where sidewalk is installed at the back of curb.

| ISSUE DATE | THIS IS NOT A CERTIFIED DOCUMENT | Saint Louis COUNTY TRANSPORTATION | ENTRANCE CONSTRUCTION DETAILS |
|---|---|---|---|
| 03/09/2020 | | 1050 NORTH LINDBERGH BLVD. ST. LOUIS, MISSOURI 63132 | RESIDENTIAL CONCRETE ENTRANCES |
| REVISIONS | | | EFFECTIVE 05/01/2020 · SHEET 1 OF 1 · DRAWING C608.00 |

NDS, INC.
851 NORTH HARVARD AVE.
LINDSAY, CA 93247
TOLL FREE: 1-800-726-1994
PHONE: (559) 562-9888
FAX: (559) 562-4488
www.ndspro.com




NOTES:
1. MUST BE INSTALLED 10' AWAY FROM STRUCTUREOR FOUNDATION.
2. FWAS24 KIT DOES NOT COME WITH FWPB24 BTM.
3. REFERENCE FLO-WELL CALCULATOR ON NDSPRO.COM
4. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
5. DO NOT SCALE DRAWING.
6. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
7. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

## FLO-WELL DRY WELL SYSTEM

FLO-WELL INSTALLATION DETAIL - LOAD CLASS "A" & "B" - GRAVEL INSTALLATION DETAIL

MB Engineering, Inc.
606 Ryan Dr.
Energy, IL 62933
(314) 368-3040

STATE OF MISSOURI
MICHAEL A BUESCHER
NUMBER E-2001018714
REGISTERED PROFESSIONAL ENGINEER
10/22/26

Michael A. Buescher, P.E. - Civil Engineering
Missouri P.E. - E-2001018714

MB Engineering, Inc. Missouri Authority No. E-2015041404

The Professional Engineer's seal affixed to this sheet indicates that the named Engineer has prepared or directed the preparation of the material shown only on this sheet. Other drawings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned.

**PROJECT REVISION:**

| NO: | DATE: | DESCRIPTION: |
|---|---|---|
| 1 | 08-11-26 | FOR REVIEW |
| 2 | 10-12-26 | CLIENT CHANGES |
| 3 | 10-22-26 | CLIENT CHANGES |

*509 Venneman Ave.*
*Glendale, MO 63122*

*Plans are prepared for:*
*Molner Homes*
*3781 Baville Ct.*
*Florissant, MO 63034*

**DATE:** 08–11–26
**DRAFTED BY:** KB
**APPRVD. BY:** MB

**SHEET TITLE:**
**TYPICAL DETAILS**

**SHEET NUMBER:**
**C4**

**PROJECT NO: 26–1218**