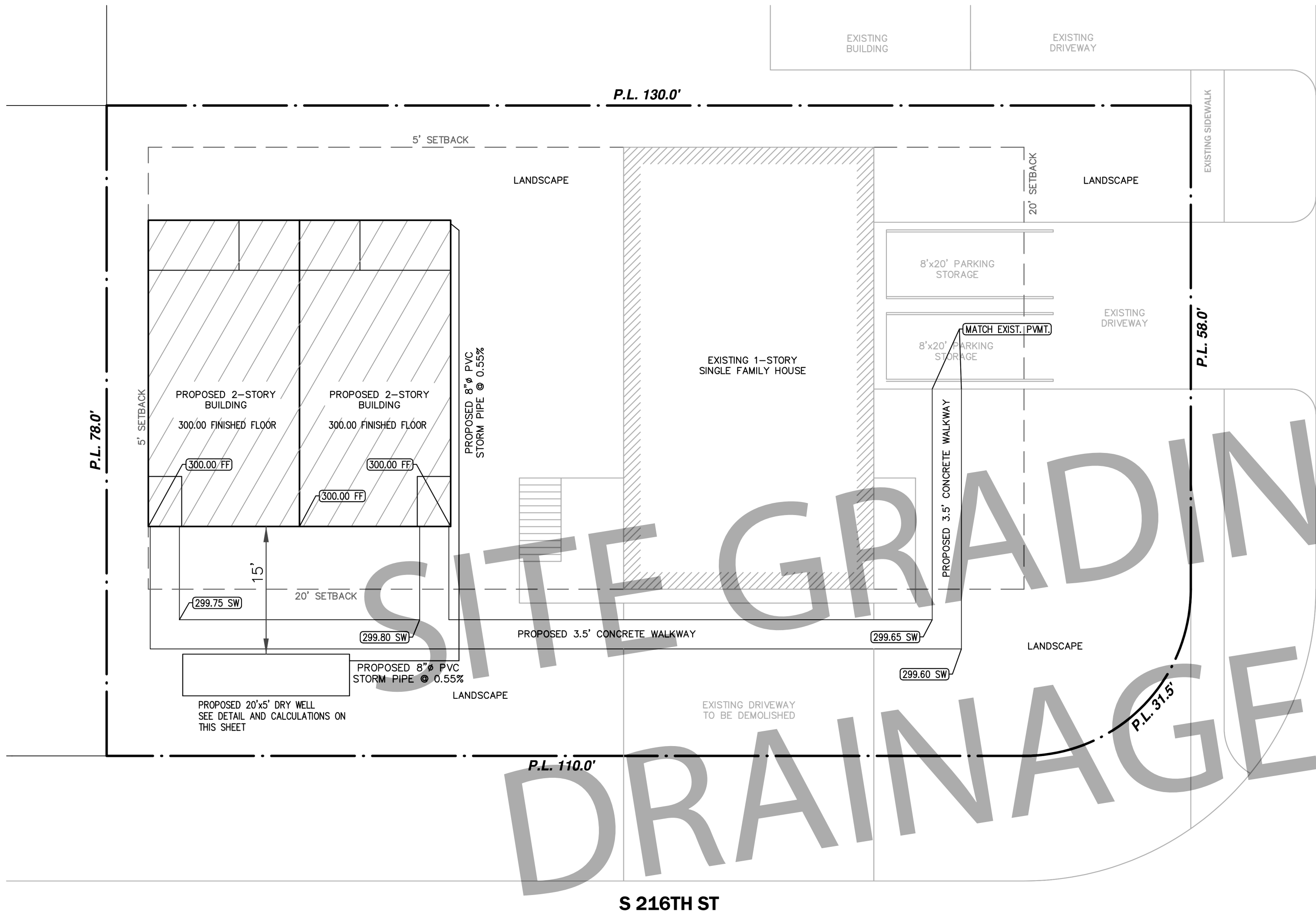




SITEWORKS NOTES:

- CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY 48 HOURS PRIOR TO EXCAVATING NEAR THEIR UTILITY.
- CONTRACTOR SHALL TAKE ALL DUE PRECAUTIONS TO PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING FACILITIES INCURRED AS A RESULT OF CONSTRUCTION OPERATIONS WILL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.
- CONTRACTOR SHALL TAKE EXTRA CARE TO PROTECT TREES IN AREAS ADJACENT TO CONSTRUCTION.
- CONTRACTOR SHALL CONFIRM NO CONFLICTS BETWEEN EXISTING AND PROPOSED DRY/WET UTILITIES IN PUBLIC R.O.W., BEFORE STARTING SITE WORK CONSTRUCTION.

LEGEND

- PROPERTY LINE
- DIRECTION OF FLOW
- FF XX.XX PROPOSED FINISHED FLOOR ELEVATION
- PVMT. XX.XX PROPOSED PAVEMENT ELEVATION
- SW XX.XX PROPOSED SIDEWALK ELEVATION

HYDROMULCH NOTE:

CONTRACTOR SHALL HYDROMULCH ALL NEWLY GRADED AREAS AND EXPOSED SOILS UPON PAVING COMPLETION.

CONSTRUCTION NOTE:

CONTRACTOR SHALL CONFIRM NO CONFLICTS BETWEEN EXISTING AND PROPOSED DRY/WET UTILITIES IN PUBLIC R.O.W., BEFORE STARTING SITE WORK CONSTRUCTION.

NOTE:

EXCESS SOIL MATERIAL IS THE RESPONSIBILITY OF THE CONTRACTOR & IS TO BE DISPOSED OFFSITE RESPONSIBLY AT NO SEPARATE PAY.

DRY WELL NOTES:

DRY WELLS SHOULD EMPTY WITHIN 72 HOURS OF A RAIN EVENT.

THE BOTTOM OF THE DRY WELL SHOULD BE 2 FEET ABOVE THE SEASONALLY HIGH WATER TABLE OR BEDROCK.

THE TOP OF A DRY WELL SHOULD HAVE APPROXIMATELY 1 FOOT OF COVER.

TEN FEET OF SEPARATION IS RECOMMENDED BETWEEN DRY WELLS AND BUILDING FOUNDATIONS TO REDUCE RISK FOR BASEMENT SEEPAGE OR FLOODING. THIS DISTANCE MAY BE SHORTENED AT THE DISCRETION OF THE DESIGNER. AN IMPERMEABLE LINER MAY NEED TO BE INSTALLED ON THE BUILDING SIDE OF THE DRY WELL IF THE SEPARATION DISTANCE IS LESS THAN 10'.

A FILTERING SCREEN SHOULD BE INSTALLED IN THE BOTTOM OF THE GUTTER BELOW THE SURCHARGE PIPE IN ORDER TO SCREEN OUT LEAVES AND OTHER DEBRIS.

AN ACCESS PIPE FOR INSPECTION AND MAINTENANCE SHOULD BE PROVIDED.

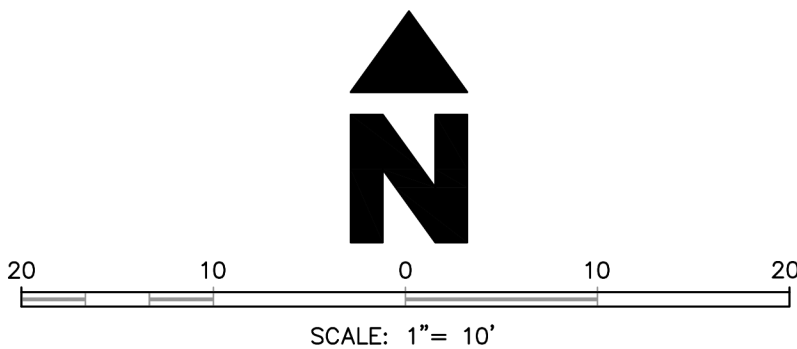
ROOF GUTTER GUARDS CAN PREVENT LEAVES, SEDIMENT AND OTHER DEBRIS FROM CLOGGING THE DRY WELL. A ROOF LEADER CLEAN-OUT WITH SUMP OR AN INTERMEDIATE SUMP BOX CAN BE INSTALLED BETWEEN THE DOWNSPOUT AND THE DRY WELL TO PROVIDE PRE-TREATMENT, FURTHER REDUCING THE AMOUNT OF SEDIMENT AND DEBRIS ENTERING AND POTENTIALLY CLOGGING THE DRY WELL.

AN OVERFLOW SURCHARGE PIPE OR CONNECTION TO A LARGER INFILTRATION AREA IS NEEDED TO ENSURE THAT ADDITIONAL RUNOFF IS SAFELY CONVEYED DOWNSTREAM DURING AN INTENSE STORM EVENT THAT OVERFLOWS THE DRY WELL.

THE HOMEOWNER MUST BE PROVIDED WITH A MAINTENANCE PLAN FOR THE DRY WELL. THE PLAN MUST INCLUDE THE LOCATION OF THE DRY WELL, AS WELL AS REGULAR AND LONG-TERM MAINTENANCE REQUIREMENTS.

IMPERVIOUS COVER ANALYSIS:

TOTAL SITE AREA = 10,055 S.F. (0.23 AC.)		
IMPROVEMENT TYPE	AREA OF EXISTING IMPERVIOUS COVER	AREA OF PROPOSED IMPERVIOUS COVER
BUILDING	1,590 S.F.	1,330 S.F.
DRIVEWAY	760 S.F.	550 S.F.
SIDEWALK/PATIO	370 S.F.	515 S.F.
TOTAL AREA	2,720 S.F.	2,395 S.F.

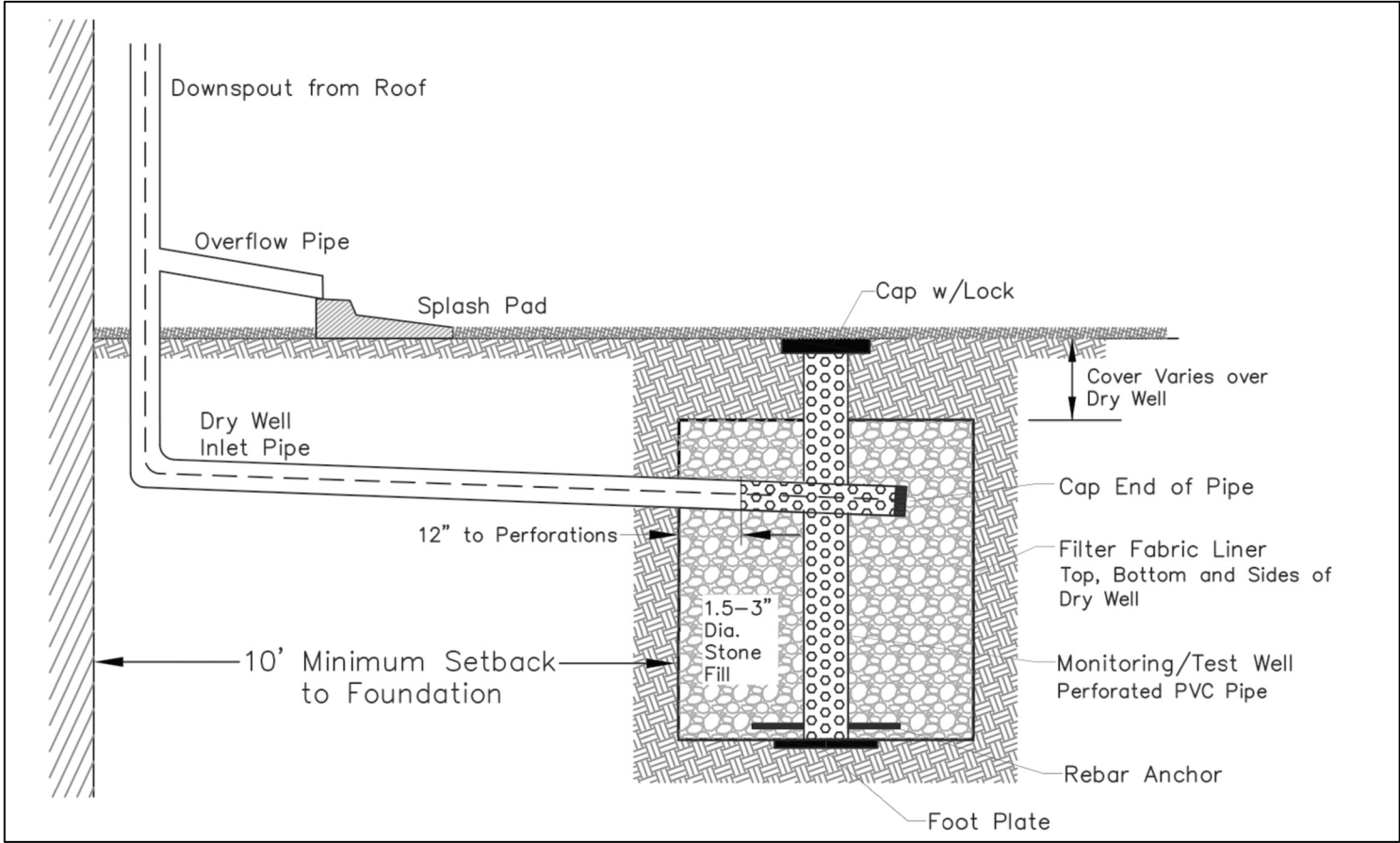


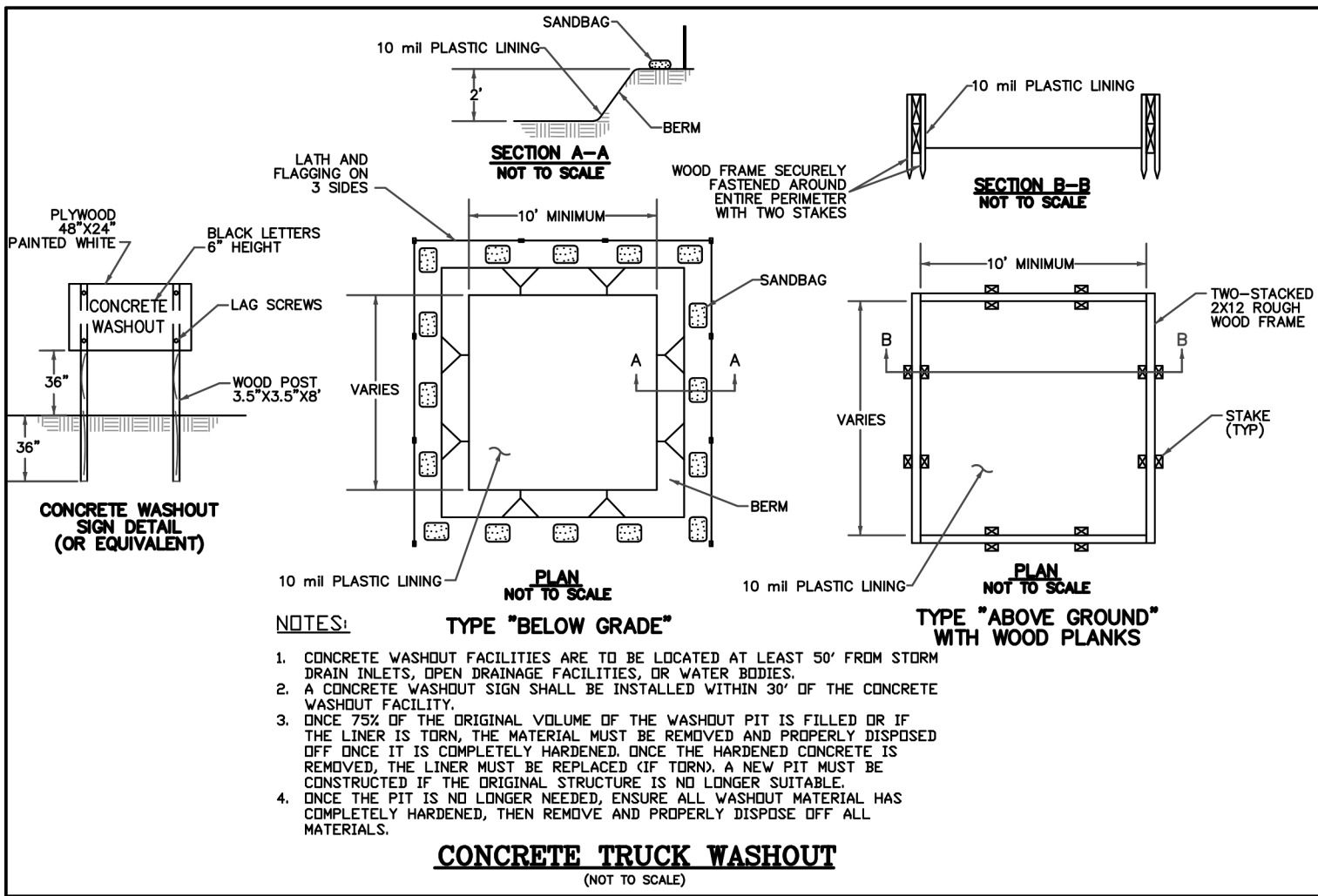
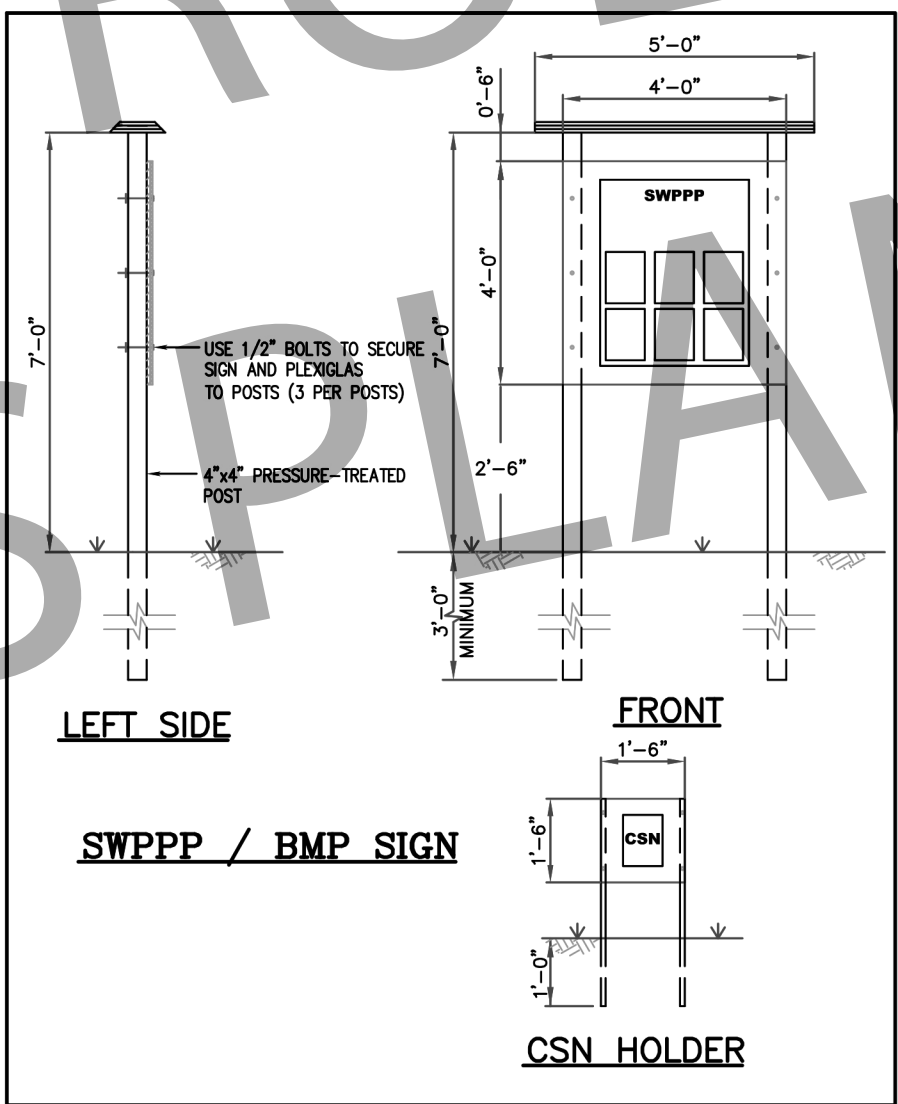
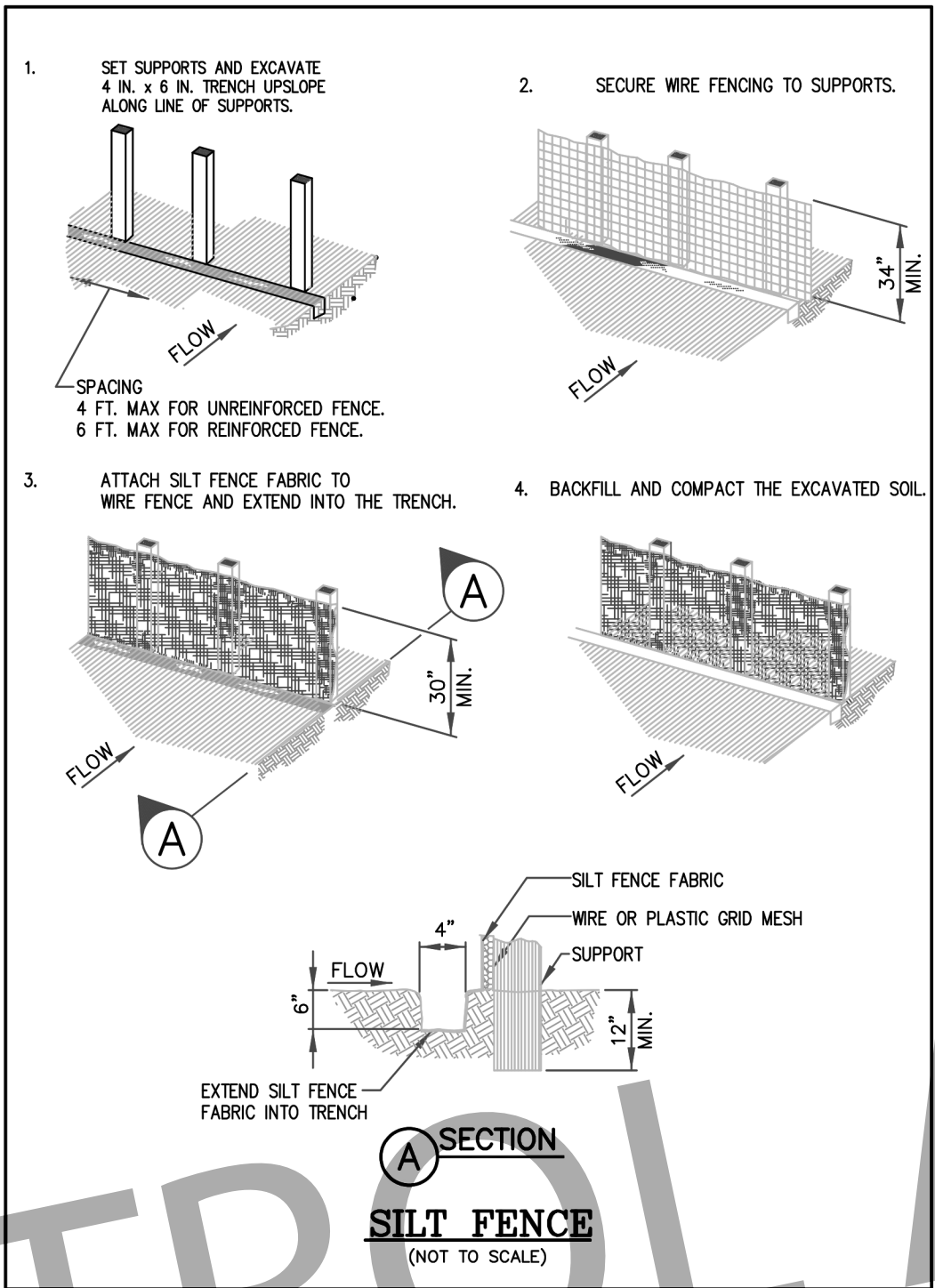
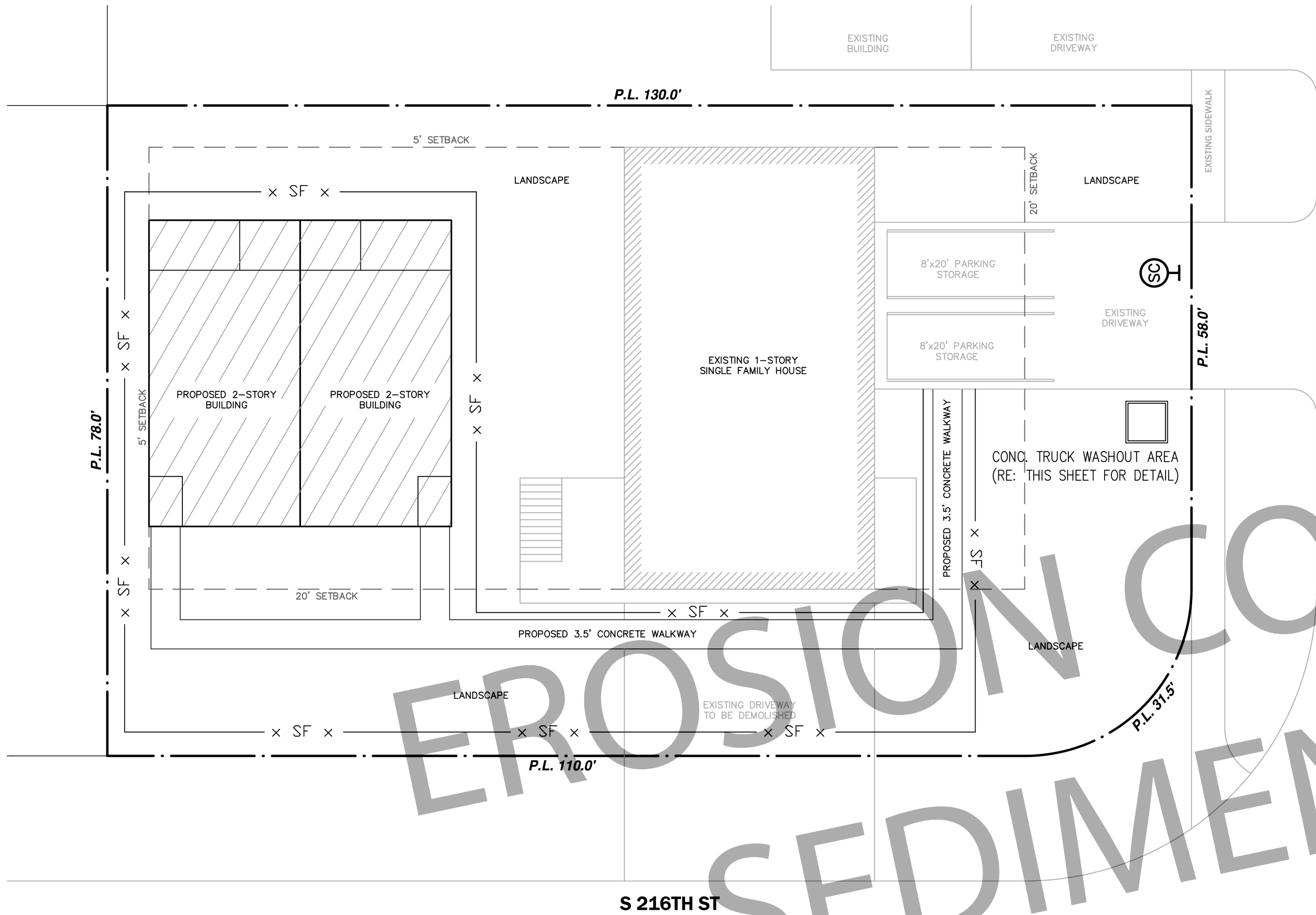
Calculation for required volume of dry well and proposed water storage

Volume (V) = Height (H) * Length (L) * Width (W)

Total Roof Area	1,330	SFT.
Total storage volume required (For 2" storage)	222	Cu-FT
Void in the Dry Well used for water storage	40%	
Length (L)	20	FT
Width (W)	5	FT
Height (H)	5.75	FT
Volume of Dry Well	575	Cu-FT
Total volume provided in Dry Well w/40% gravel voids	230	Cu-FT

DRY WELL DETAIL & CALCULATIONS





STORM WATER POLLUTION PREVENTION NOTES

- SEDIMENT WILL BE RETAINED ON SITE TO THE MAXIMUM EXTENT PRACTICABLE.
- CONTROL MEASURE WILL BE PROPERLY SELECTED, INSTALLED AND MAINTAINED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND GOOD ENGINEERING PRACTICE. IF DAMAGED OR RENDERED INEFFECTIVE, THE EROSION AND SEDIMENT CONTROLS WILL BE REPAIRED OR REPLACED IMMEDIATELY.
- WHEN PUMPING (DEWATERING) STANDING STORM WATER FROM THE SITE, THE OPERATOR SHALL USE APPROPRIATE BEST MANAGEMENT PRACTICES (BMP'S) FROM THE STORM WATER MANAGEMENT HANDBOOK FOR CONSTRUCTION ACTIVITIES THAT ADDRESS DEWATERING ACTIVITIES. UNTREATED/DIRECT DISCHARGE INTO A STORM SEWER WILL NOT BE ALLOWED.
- IF THE INTERIM PERIOD BETWEEN CONSTRUCTION OF UTILITIES AND STREET CONSTRUCTION WILL BE MORE THEN 21 DAYS, THE STREET RIGHT-OF-WAY WILL BE MULCHED OR OTHERWISE STABILIZED WITHIN THE 14 DAYS.
- AFTER PAVING COMPLETION, NEWLY GRADED AREAS AND ALL EXPOSED SOILS WILL BE COMPLETELY STABILIZED.
- CONTROL MEASURES WILL BE INSTALLED ALONG BACK OF CURB TO ADEQUATELY PREVENT SEDIMENT RUNOFF INTO STREETS ONCE PAVING COMPLETE.
- CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE, UNLESS THEY ARE USING A PROPERLY DESIGNED AND DESIGNATED CONCRETE WASHOUT AREA.
- EROSION AND SEDIMENT CONTROL MEASURES THAT HAVE BEEN IMPROPERLY INSTALLED OR HAVE BEEN DISABLED, RUN-OVER, REMOVED, OR OTHERWISE RENDERED INEFFECTIVE MUST BE REPLACED OR CORRECTED IMMEDIATELY.
- MAINTENANCE AND REPAIRS WILL BE CONDUCTED WITHIN 24 HOURS OF INSPECTION REPORT.
- SEDIMENT WILL BE REMOVED FROM BEHIND THE FILTER FABRIC FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE.
- SEDIMENT WILL BE REMOVED AROUND THE INLET BARRIERS AND DIKES WHEN THE STORAGE CAPACITY HAS BEEN APPROXIMATELY 50% FILLED.
- INSPECTIONS OF ALL BMP'S WILL BE CONDUCTED EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES OR GREATER; OR EVERY 7 CALENDAR DAYS.
- EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLANS WILL BE INSPECTED TO INSURE EFFECTIVE OPERATION.
- THE SWPPP WILL BE AMENDED TO REPLACE INEFFECTIVE BMPS IDENTIFIED THROUGH INSPECTIONS WITHIN 7 DAYS OF IDENTIFYING THE DEFICIENCY.
- REPORTS WILL INCLUDE WHAT MAINTENANCE WAS DONE AS A RESULT OF THE INSPECTION.
- ALL LITTER, TRASH AND FLOATABLE DEBRIS WILL BE CONTAINED WITHIN THE SITE.

EXISTING UTILITIES, FACILITIES & TREES

- CONTRACTOR SHALL FIELD VERIFY LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION OF PROPOSED FACILITIES. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
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- CONTRACTOR SHALL TAKE EXTRA CARE TO PROTECT TREES IN AREAS ADJACENT TO CONSTRUCTION.

LEGEND

- PROPERTY LINE
- SC
- STABILIZED CONSTRUCTION ACCESS
- x SF x
- DESIGNATES SILT FENCE

