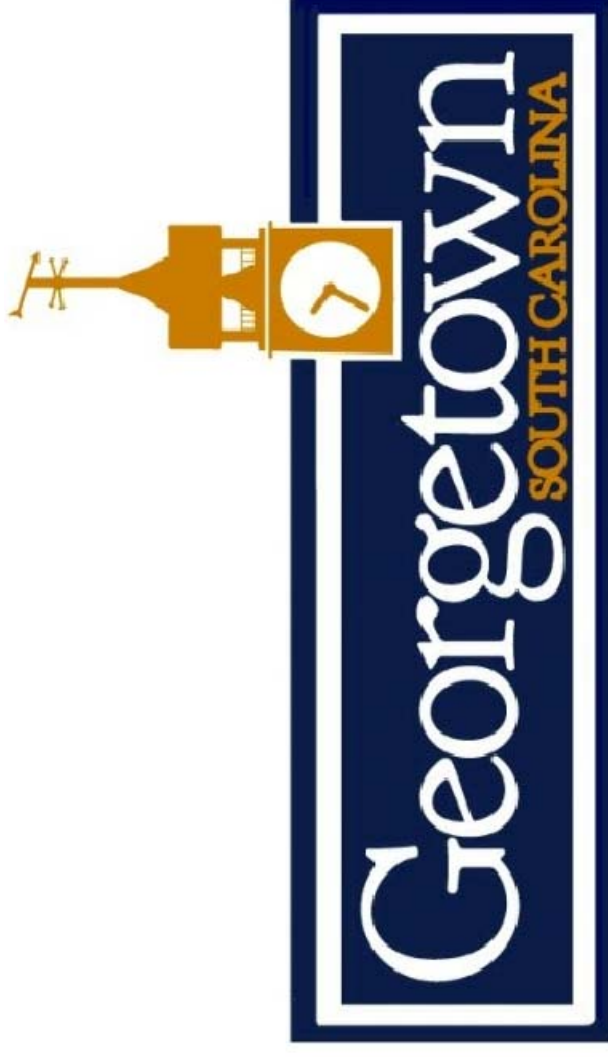
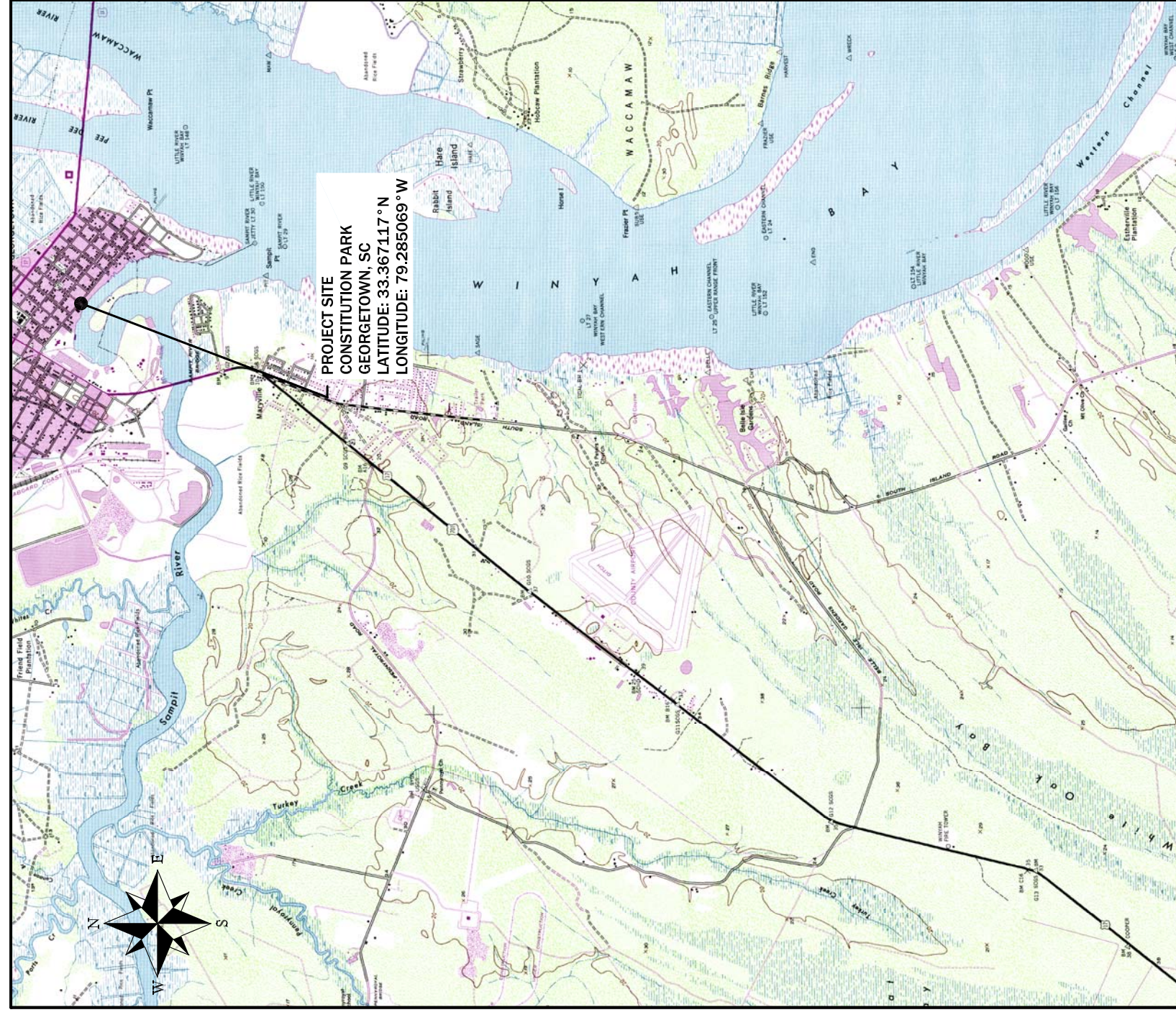


CONSTITUTION PARK BULKHEAD REPLACEMENT

CITY OF GEORGETOWN, SC



PROJECT NUMBER: 1207



PROJECT VICINITY
SCALE: N.T.S.



PROJECT LOCATION
SCALE: N.T.S.

TABLE OF CONTENTS

TITLE AND LOCATION	
T1	TITLE AND LOCATION
G1	GENERAL INFORMATION
C1	EXISTING SITE PLAN
D1	DEMOLITION PLAN
S1	PROPOSED SITE PLAN
S2	DETAILS
S3	DETAILS 2



Know what's below.
Call before you dig.

T1

TITLE AND LOCATION

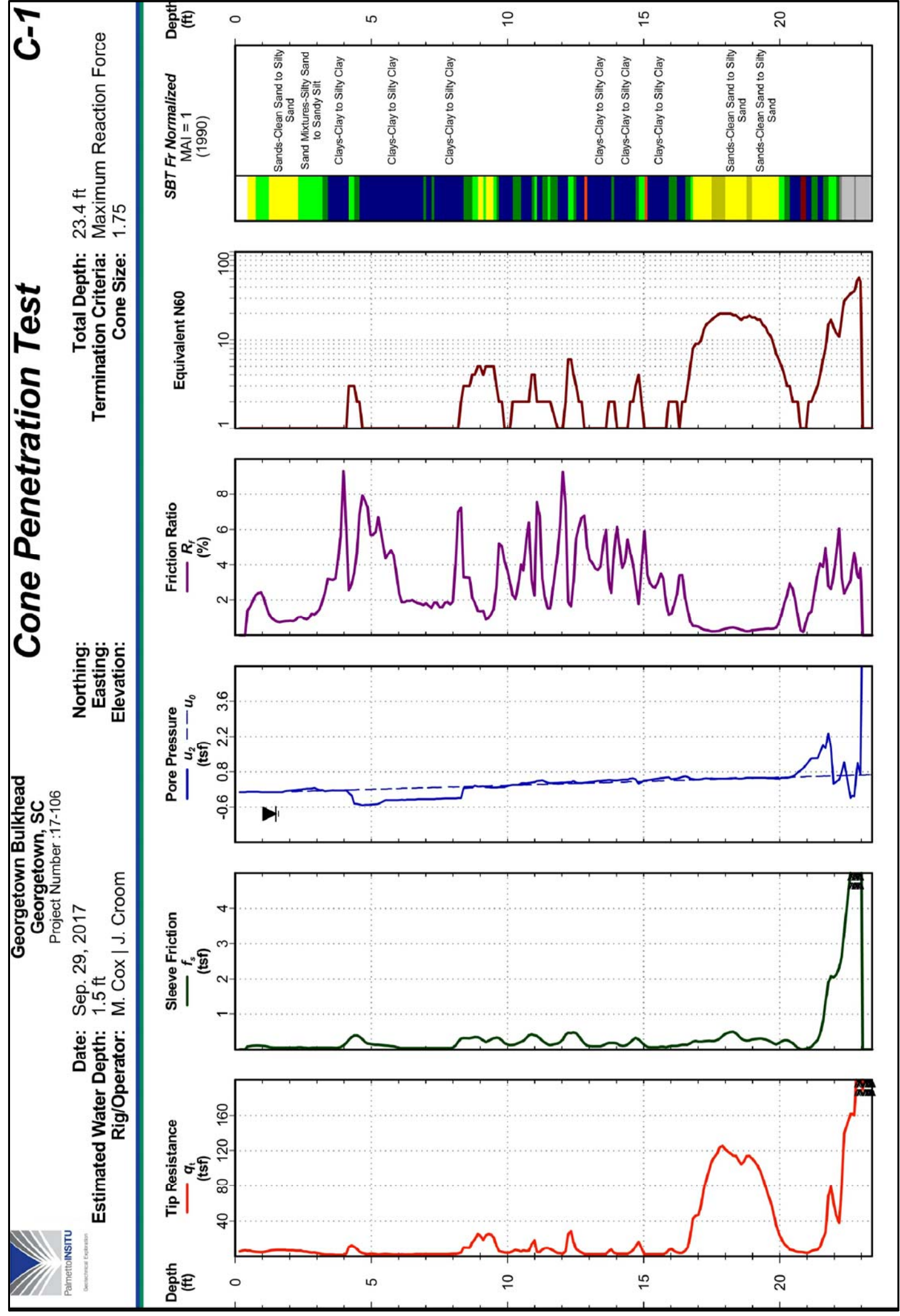
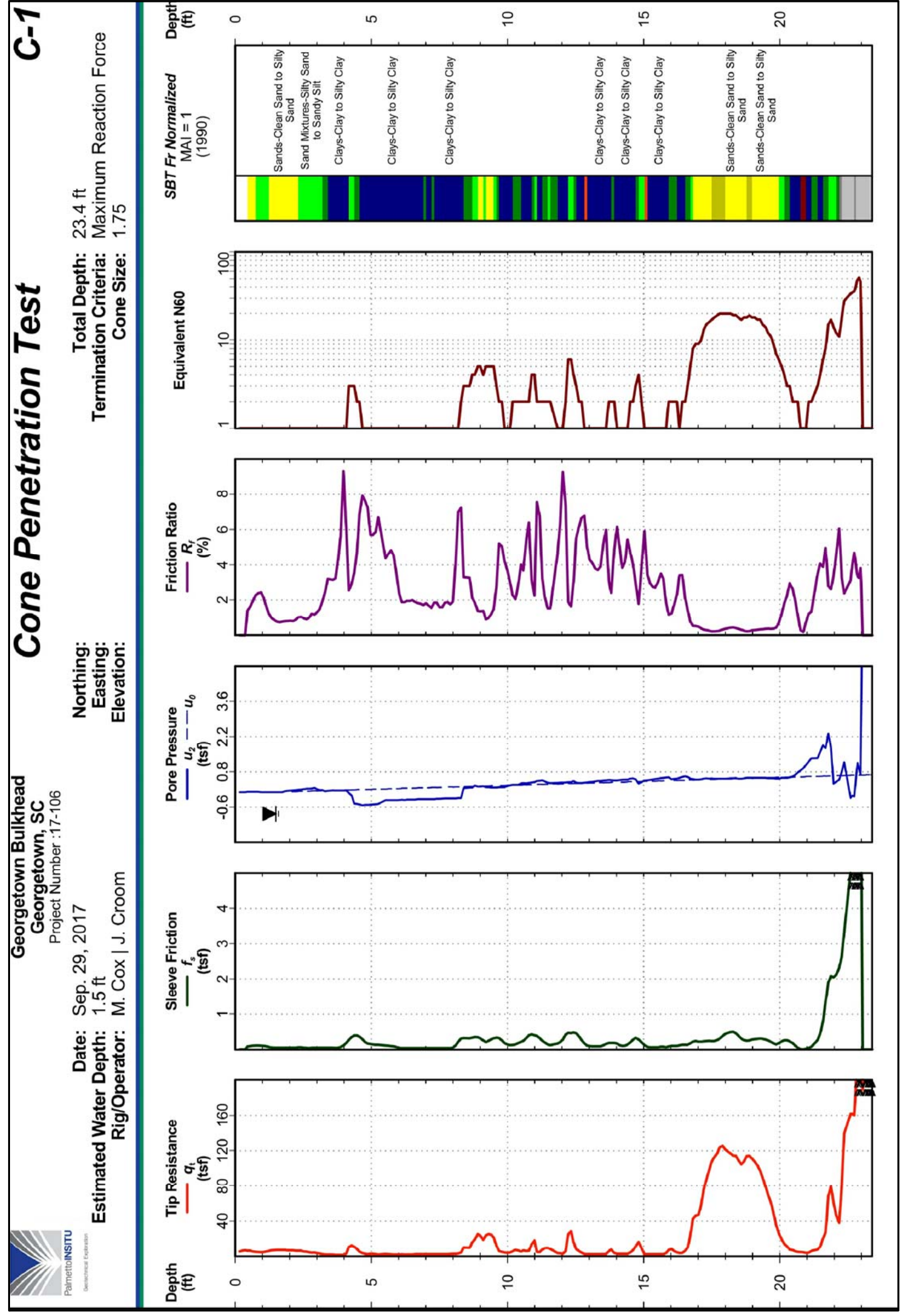
**CONSTITUTION PARK
BULKHEAD REPLACEMENT**

CITY OF GEORGETOWN, SOUTH CAROLINA

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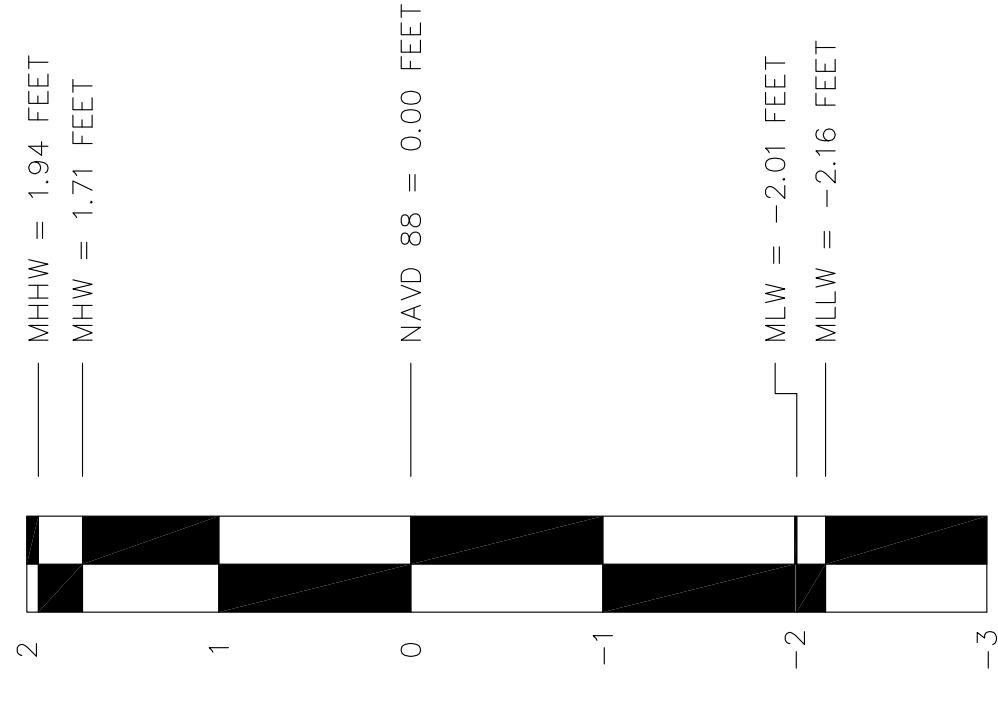
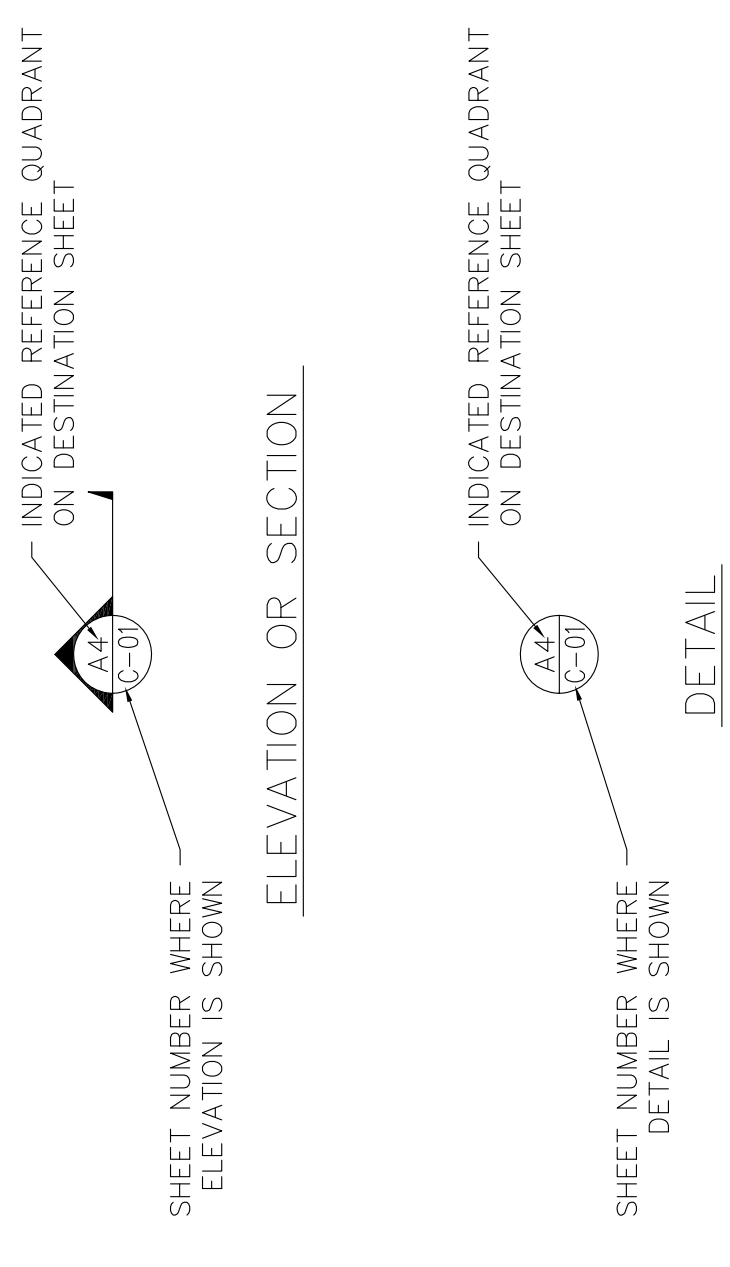
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CHECKED BY: DBM
DATE: 4/11/2018
REV. DATE:



GENERAL NOTES:

- THE CONTRACTOR IS ADVISED THAT THE DRAWINGS FORM A PART OF THE CONTRACT DOCUMENTS AND ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SPECIFICATIONS AND THE DRAWINGS. THE CONTRACTOR SHALL KEEP A COPY OF THE CONTRACT DOCUMENTS ON SITE AT ALL TIMES DURING THE WORK.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING VIBRATION MONITORING OF THE BUILDINGS ADJACENT TO THE SITE.
- A TEMPORARY CONSTRUCTION EASEMENT AREA MEASURING APPROXIMATELY 36' BY 50' HAS BEEN SECURED BEHIND THE BUILDING LOCATED AT 809 FRONT STREET FOR CONTRACTOR'S STAGING AND LAYDOWN. CONTRACTOR MUST LEAVE AREA IN THE SAME CONDITION AS IT EXISTED PRIOR TO USE BY THE CONTRACTOR. EASEMENT DOCUMENTATION HAS BEEN INCLUDED IN THE PROJECT MANUAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND PRESERVATION OF CONSTITUTION PARK HISTORICAL DISPLAYS AT HIS OWN EXPENSE.
- ELEVATIONS IF SHOWN ARE BASED ON NAVD 88.
- ALL EXISTING DIMENSIONS, ELEVATIONS AND CONDITIONS RELATING TO THE WORK SHALL BE FIELD VERIFIED BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE ORDERING MATERIALS AND STARTING THE WORK.
- CONTRACTOR SHALL MAINTAIN ADEQUATE SURVEY CONTROL AT ALL TIMES TO ESTABLISH AND MAINTAIN ALL LINES AND ELEVATIONS.
- THE SIZE AND LOCATION OF ALL EXISTING UTILITIES IMPACTED BY THE WORK SHALL BE FIELD VERIFIED AND PROTECTED BY THE CONTRACTOR. THE CONTRACTOR MAY RELOCATE UTILITIES TO ACCOMMODATE CONSTRUCTION AS APPROVED BY THE OWNER, AT NO ADDITIONAL COST TO THE OWNER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE FACILITY. THE CONTRACTOR IS RESPONSIBLE TO ERECT, MAINTAIN, AND REMOVE TEMPORARY SHORING TO COMPLETE THE WORK. ALL PROPOSED STAGING AREAS SHALL BE COORDINATED WITH THE OWNER BEFORE STARTING THE WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DONE TO STRUCTURES, UTILITIES, AND VESSELS OR INJURIES TO THE PUBLIC DURING THE PERFORMANCE OF THE WORK. ANY DAMAGE CAUSED DURING CONSTRUCTION OPERATIONS SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ENVIRONMENTAL CONTROLS AS REQUIRED BY FEDERAL, STATE, AND MUNICIPAL REGULATIONS AND PERMITS. ENVIRONMENTAL CONTROLS SHALL INCLUDE BUT NOT LIMITED TO TURBIDITY, DUST, AND DEBRIS.
- THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS, INCLUDING THE FEDERAL DEPARTMENT OF LABOR, SAFETY HEALTH ACT, U.S. ARMY CORPS OF ENGINEERS, OFFICE OF COASTAL RESOURCE MANAGEMENT, AND PERMITS.
- STORAGE, FUELING, AND LUBRICATION OF EQUIPMENT AND MOTORIZED VEHICLES SHALL BE CONDUCTED IN A MANNER THAT AFFORDS THE MAXIMUM PROTECTION AGAINST SPILL AND EVAPORATION. FUEL, LUBRICANTS AND OIL SHALL BE MANAGED AND STORED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS. THERE SHALL BE NO STORAGE OF FUEL ON THE PROJECT SITE. FUEL MUST BE BROUGHT TO THE SITE AS NEEDED.
- STANDARD CONSTRUCTION WORK HOURS SHALL BE BETWEEN 7:00 AM AND 6:00 PM MONDAY THROUGH FRIDAY. SPECIAL WORK OUTSIDE OF THESE HOURS SHALL BE SCHEDULED AND APPROVED BY THE OWNER. CONTRACTOR MUST NOTIFY CITY 48 HOURS IN ADVANCE OF ANY WORK OUTSIDE OF THESE HOURS OR WORK ON THE WEEKEND.
- SCDHEC-CORM AND USACE PERMITS HAVE BEEN OBTAINED BY FOR THE PROJECT. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL OTHER PERMITS AS REQUIRED TO COMPLETE THE WORK. CONTRACTOR SHALL OBTAIN THESE PERMITS PRIOR TO THE COMMENCEMENT OF ANY WORK.
- CONTRACTOR MUST DISPLAY ON SITE THE APPROPRIATE CONSTRUCTION PLACARDS AS REQUIRED BY THE PERMITTING AGENCIES THROUGHOUT THE PROJECT.
- CONTRACTOR SHALL PROVIDE CONTROL MEASURES AS NECESSARY FOR PREVENTING DEBRIS FROM ENTERING THE WATER.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN AS-BUILT SURVEY OF THE PROJECT AFTER CONSTRUCTION. THE AS-BUILT SHALL BE PERFORMED BY A SOUTH CAROLINA REGISTERED LAND SURVEYOR AND PROVIDED IN AUTOCAD AND PDF FORMATS.

ELEVATION, SECTION OR DETAIL SYMBOLS



TIDAL DATUM RELATIONSHIPS

**CONSTITUTION PARK
BULKHEAD REPLACEMENT**

CITY OF GEORGETOWN, SOUTH CAROLINA

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123 Cannon Street
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(843) 974-5621
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G1
GENERAL INFORMATION

SEDIMENT AND EROSION CONTROL:

- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE AND BEFORE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW. WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY SEVEN (7) DAYS. IF SITE INSPECTIONS IDENTIFY BMPs THAT ARE DAMAGED OR ARE NOT OPERATING EFFECTIVELY, MAINTENANCE MUST BE PERFORMED AS SOON AS PRACTICAL OR AS REASONABLY POSSIBLE AND BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING CONSTRUCTION ON ALL DISTURBED AREAS THAT WILL BE GRASSED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE INSTALLATION.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- GRASSED AREAS DISTURBED DURING CONSTRUCTION ARE TO BE REGRADED AND RESEEDED AT THE COMPLETION OF THE PROJECT AND INCLUDED IN THE CONTRACTOR'S BID.

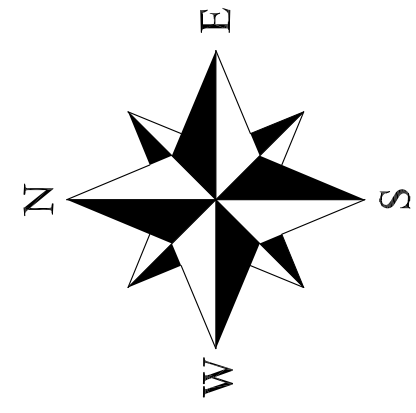
ABBREVIATIONS:

APPROX	APPROXIMATELY
AWPA	AMERICAN WOOD PRESERVERS ASSOCIATION
CL	CENTERLINE
CONC	CONCRETE
DEG	DEGREE
DEMO	DEMOLITION
DIA	DIAMETER
EL	ELEVATION
FG	FINISHED GRADE
FT	FEET
GALV	GALVANIZED
HDG	HOT DIPPED GALVANIZED
LBS	POUNDS
LF	LINEAR FEET
MAX	MAXIMUM
MHW	MEAN HIGH WATER
MHHW	MEAN HIGHER HIGH WATER
MIN	MINIMUM
MISC	MISCELLANEOUS
MLLW	MEAN LOWER LOW WATER
MLW	MEAN LOW WATER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
PCF	POUNDS PER CUBIC FOOT
PSF	POUNDS PER SQUARE FEET
PT	PRESSURE TREATED
SCH	SCHEDULE
SQ	SQUARE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
W/	WITH

GEOTECHNICAL INFORMATION

SCALE: NTS

NOTE REFER TO PROJECT MANUAL FOR FULL GEOTECHNICAL REPORT



CONSTITUTION PARK BULKHEAD REPLACEMENT

CITY OF GEORGETOWN, SOUTH CAROLINA

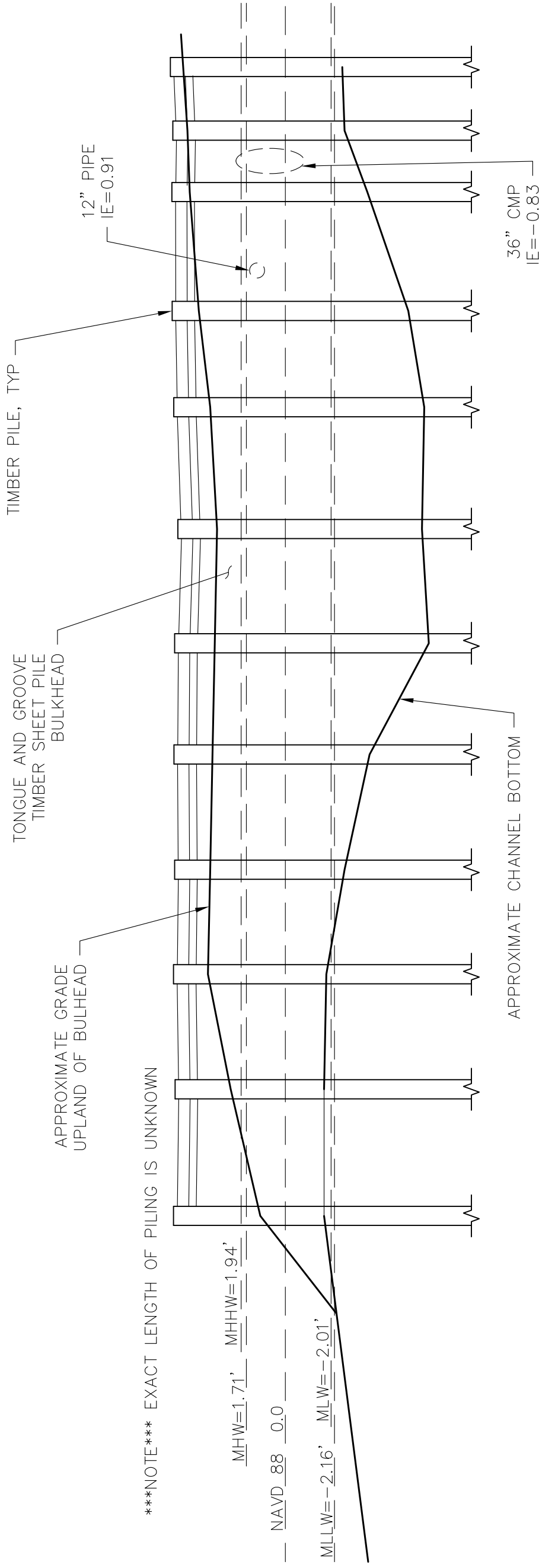
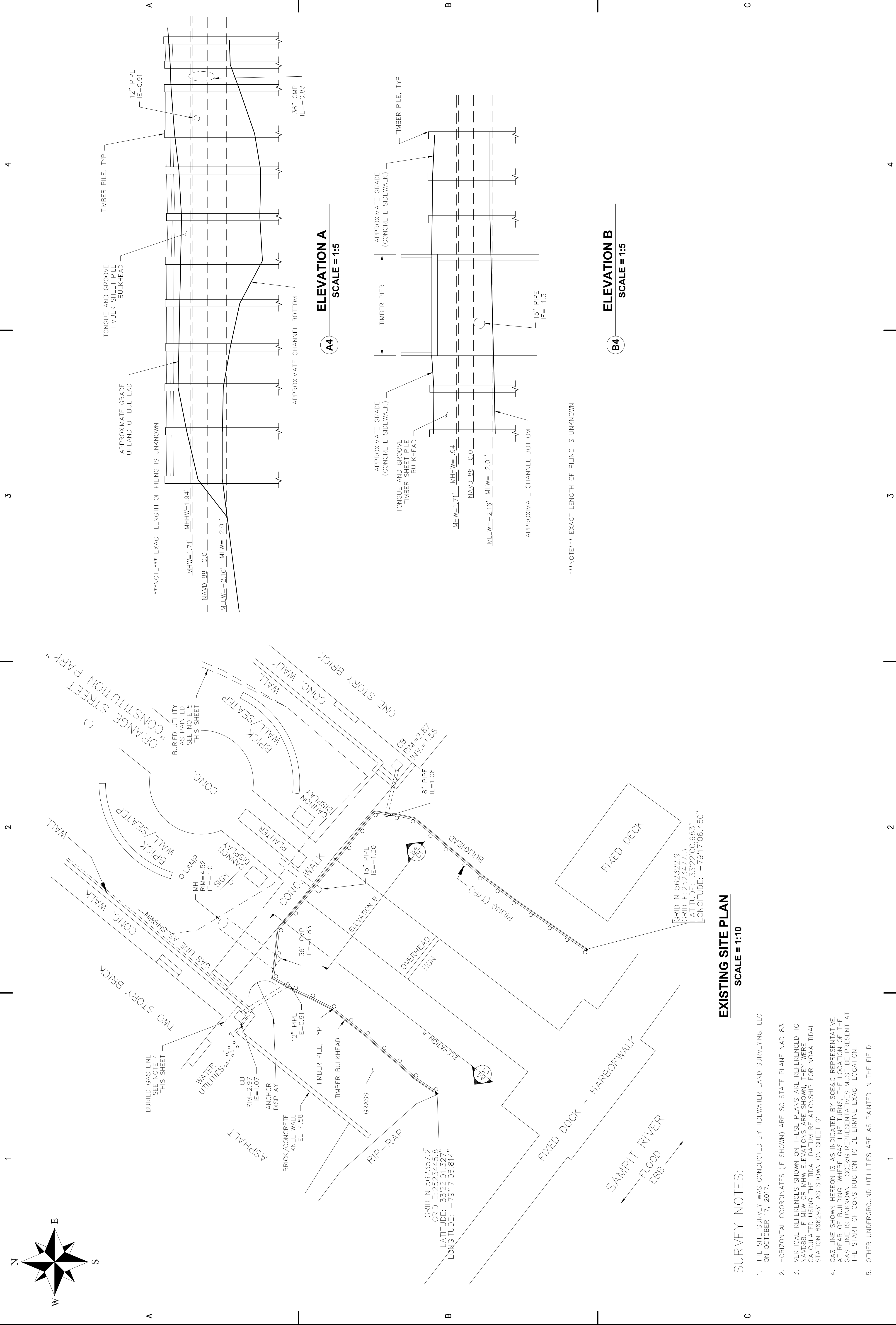
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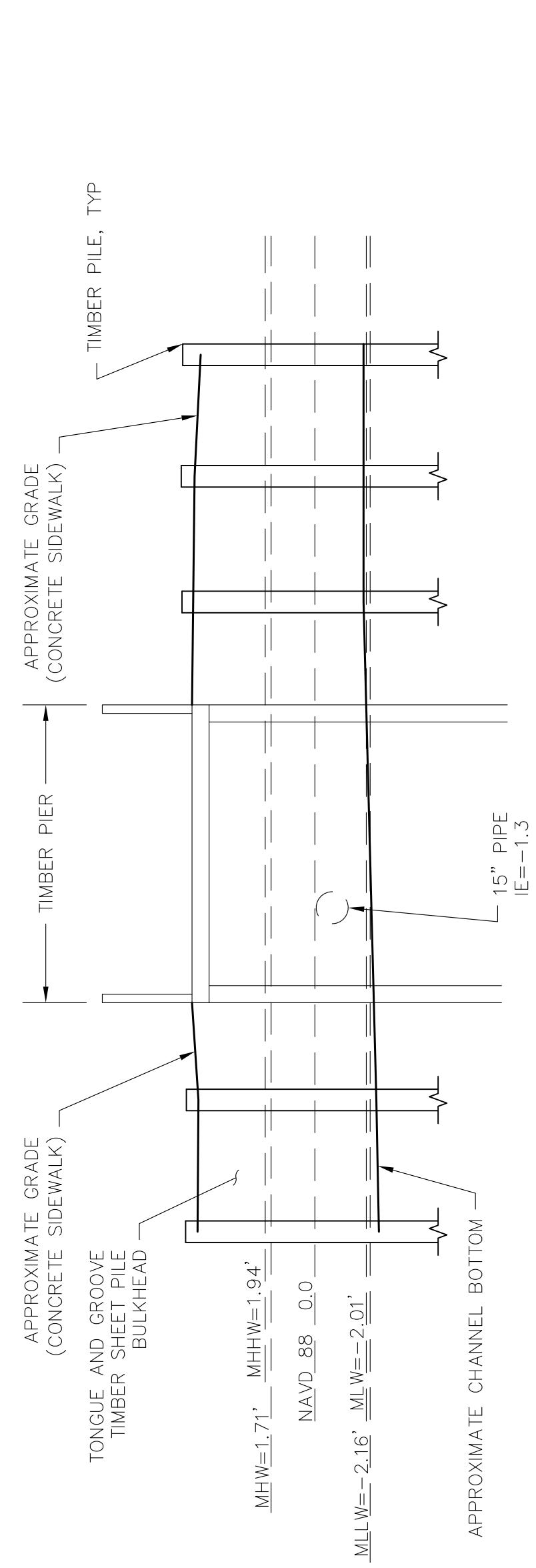
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C1

SITE PLAN



ELEVATION A
SCALE = 1:5



ELEVATION B
SCALE = 1:5

NOTE EXACT LENGTH OF PILING IS UNKNOWN

EXISTING SITE PLAN
SCALE = 1:10

SURVEY NOTES:

1. THE SITE SURVEY WAS CONDUCTED BY TIDEWATER LAND SURVEYING, LLC ON OCTOBER 17, 2017.
2. HORIZONTAL COORDINATES (IF SHOWN) ARE SC STATE PLANE NAD 83.
3. VERTICAL REFERENCES SHOWN ON THESE PLANS ARE REFERENCED TO NAVD88. IF MLW OR MHW ELEVATIONS ARE SHOWN, THEY WERE CALCULATED USING THE TIDAL DATUM RELATIONSHIP FOR NOAA TIDAL STATION 8662931 AS SHOWN ON SHEET G1.
4. GAS LINE SHOWN HEREON IS AS INDICATED BY SCE&G REPRESENTATIVE. AT REAR OF BUILDING, WHERE GAS LINE TURNS, THE LOCATION OF THE GAS LINE IS UNKNOWN. SCE&G REPRESENTATIVES MUST BE PRESENT AT THE START OF CONSTRUCTION TO DETERMINE EXACT LOCATION.
5. OTHER UNDERGROUND UTILITIES ARE AS PAINTED IN THE FIELD.

GRID N: 562322.9
GRID E: 252347.3
LATITUDE: 33°22'00.983"
LONGITUDE: -79°17'06.450"

GRID N: 562357.2
GRID E: 2523445.8
LATITUDE: 33°22'01.327"
LONGITUDE: -79°17'06.814"

4

3

2

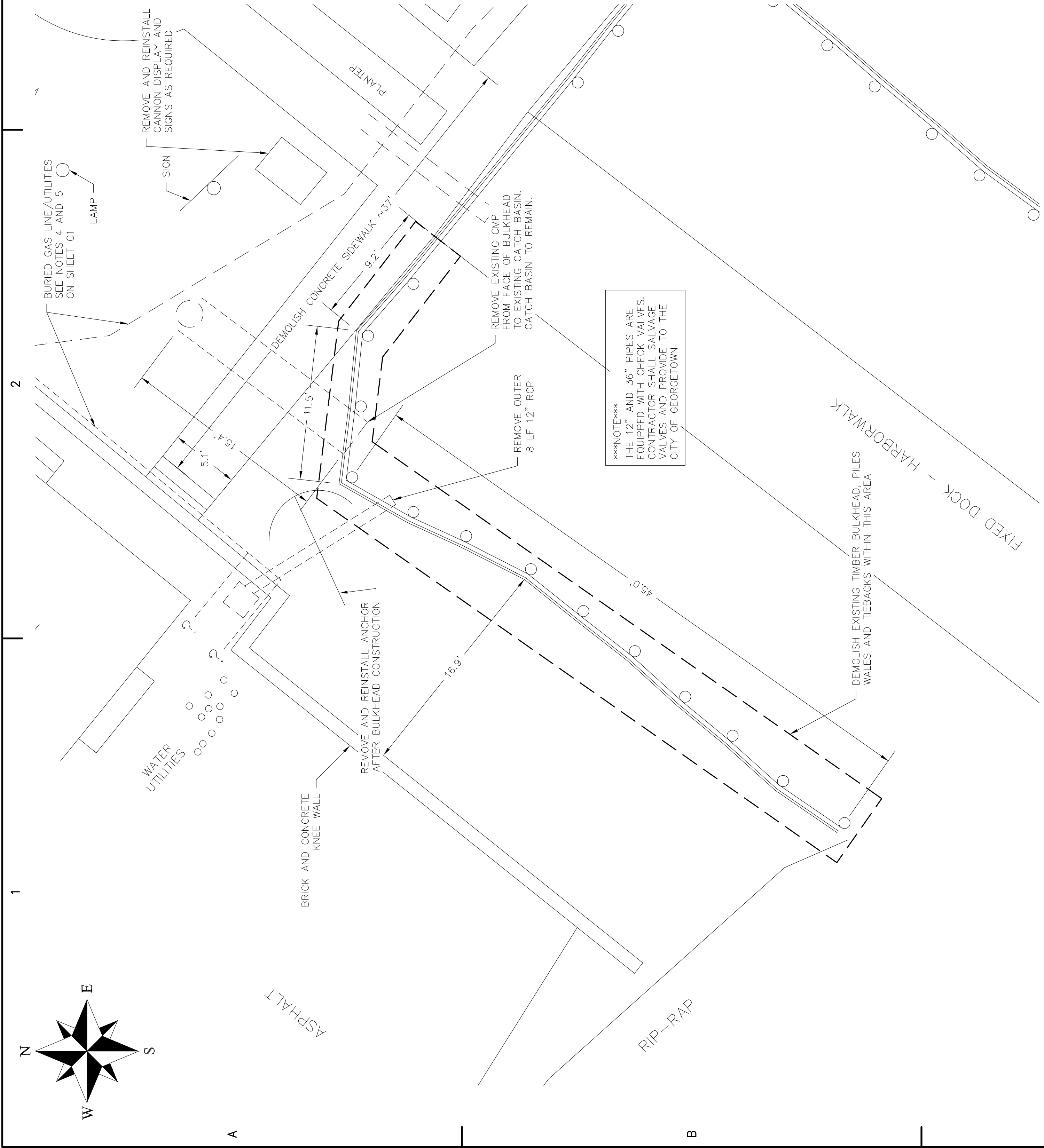
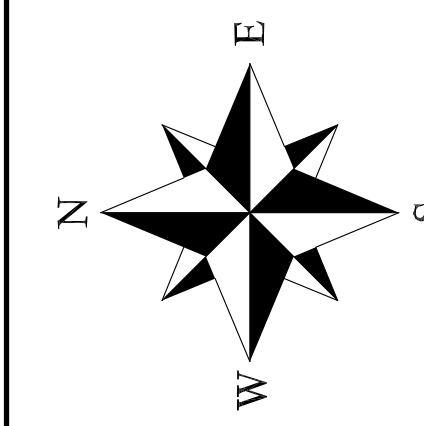
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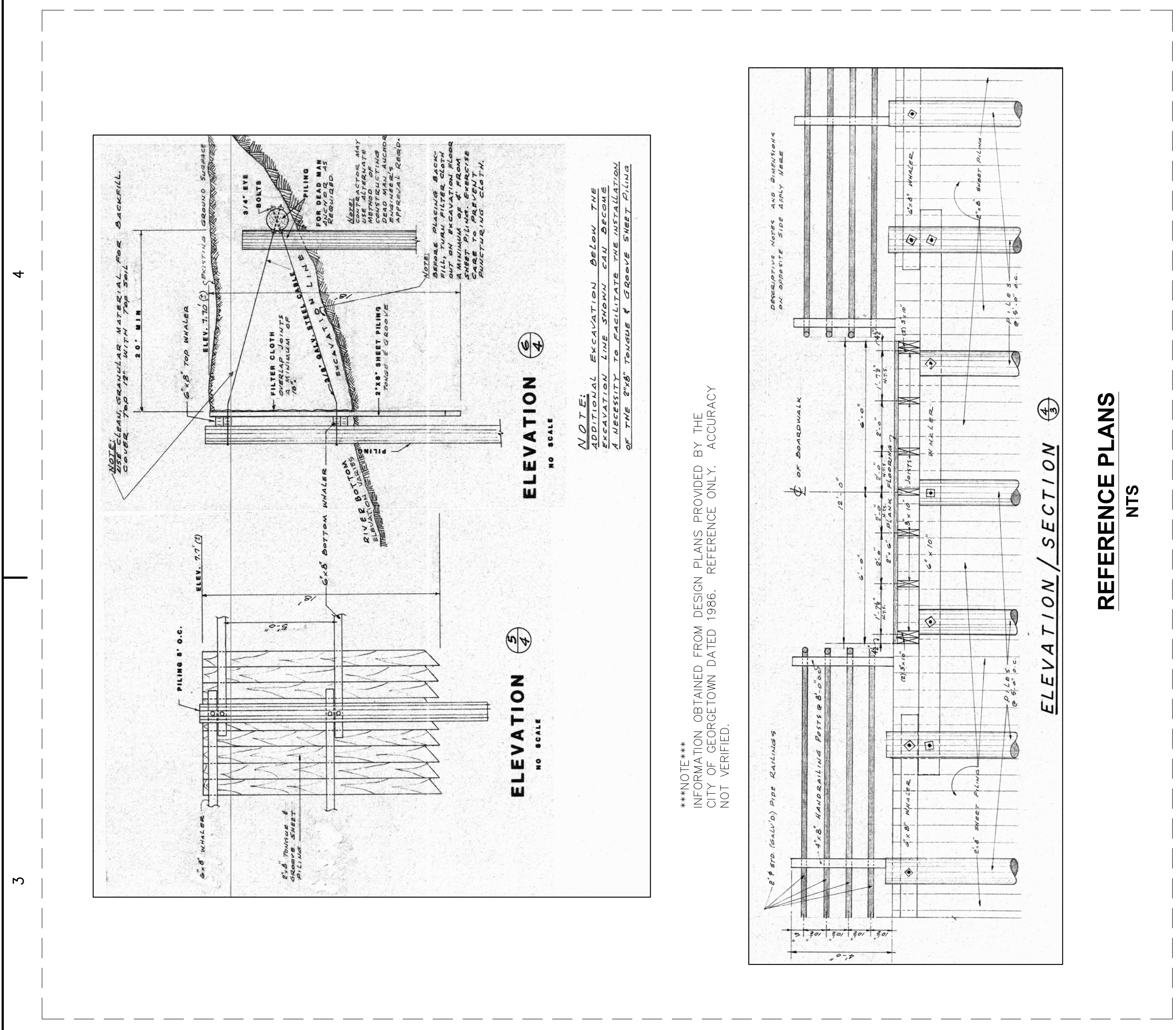
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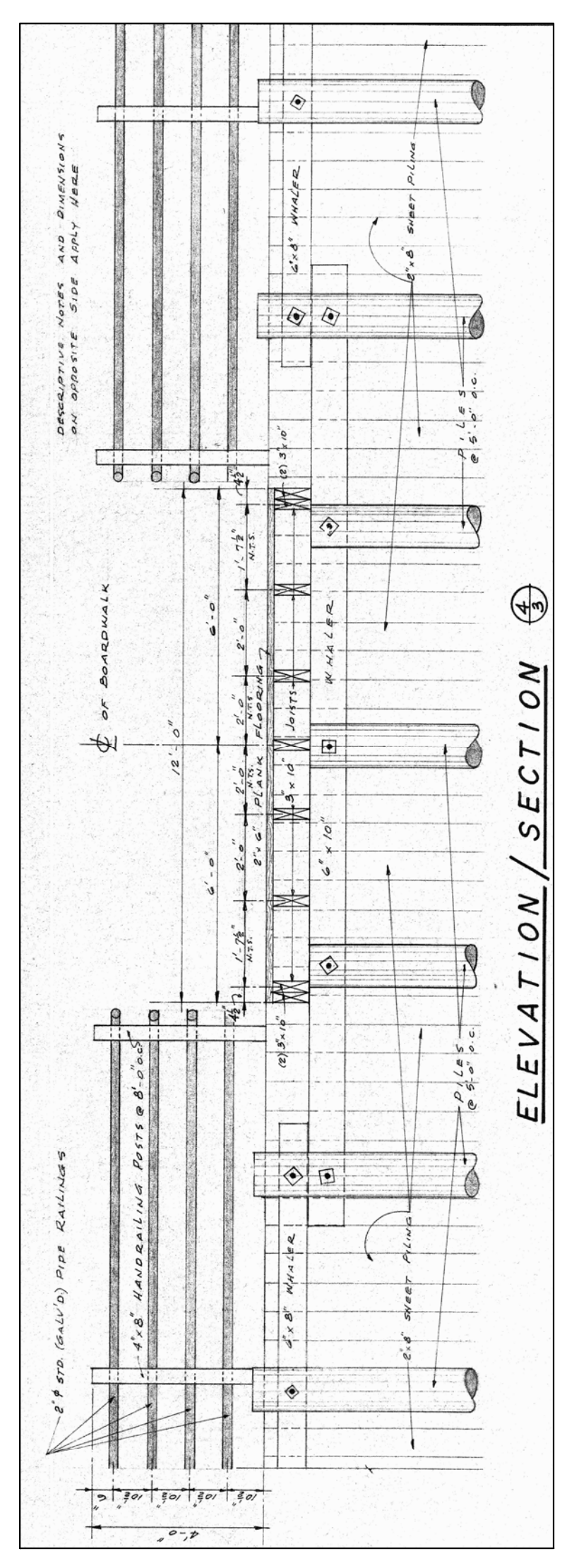
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DEMOLITION PLAN
SCALE: 1 : 10



NOTE
INFORMATION OBTAINED FROM DESIGN PLANS PROVIDED BY THE CITY OF GEORGETOWN DATED 1986. REFERENCE ONLY. ACCURACY NOT VERIFIED.



REFERENCE PLANS
NTS

DEMOLITION NOTES:

1. THE CONTRACTOR SHALL PROVIDE CONTROL MEASURES AS REQUIRED BY ENVIRONMENTAL REGULATIONS AND AS REQUIRED TO PREVENT DEBRIS FROM ENTERING THE WATER.
2. ALL MATERIAL REMOVED AND NOT REUSED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED DAILY FROM THE PROPERTY OR PROPERLY STORED IN AN APPROVED LOCATION ON SITE. REMOVED MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.
3. CONTRACTOR SHALL PROTECT EXISTING UTILITIES AND WORK WHICH ARE TO REMAIN IN PLACE, BE REUSED, OR REMAIN THE PROPERTY OF THE OWNER.
4. THE CONTRACTOR IS ADVISED THAT EXISTING TIMBER CONTAINS PRESERVATIVE MATERIALS.
5. CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE STRUCTURES OUTSIDE OF THE SCOPE OF THE BULKHEAD REPLACEMENT PROJECT. DAMAGE TO STRUCTURES, ITEMS, OR APPURTENANCES OUTSIDE OF THIS SCOPE OF WORK SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
6. TIMBER PILES INDICATED FOR REMOVAL REQUIRE COMPLETE EXTRACTION.

CONSTITUTION PARK BULKHEAD REPLACEMENT

CITY OF GEORGETOWN, SOUTH CAROLINA

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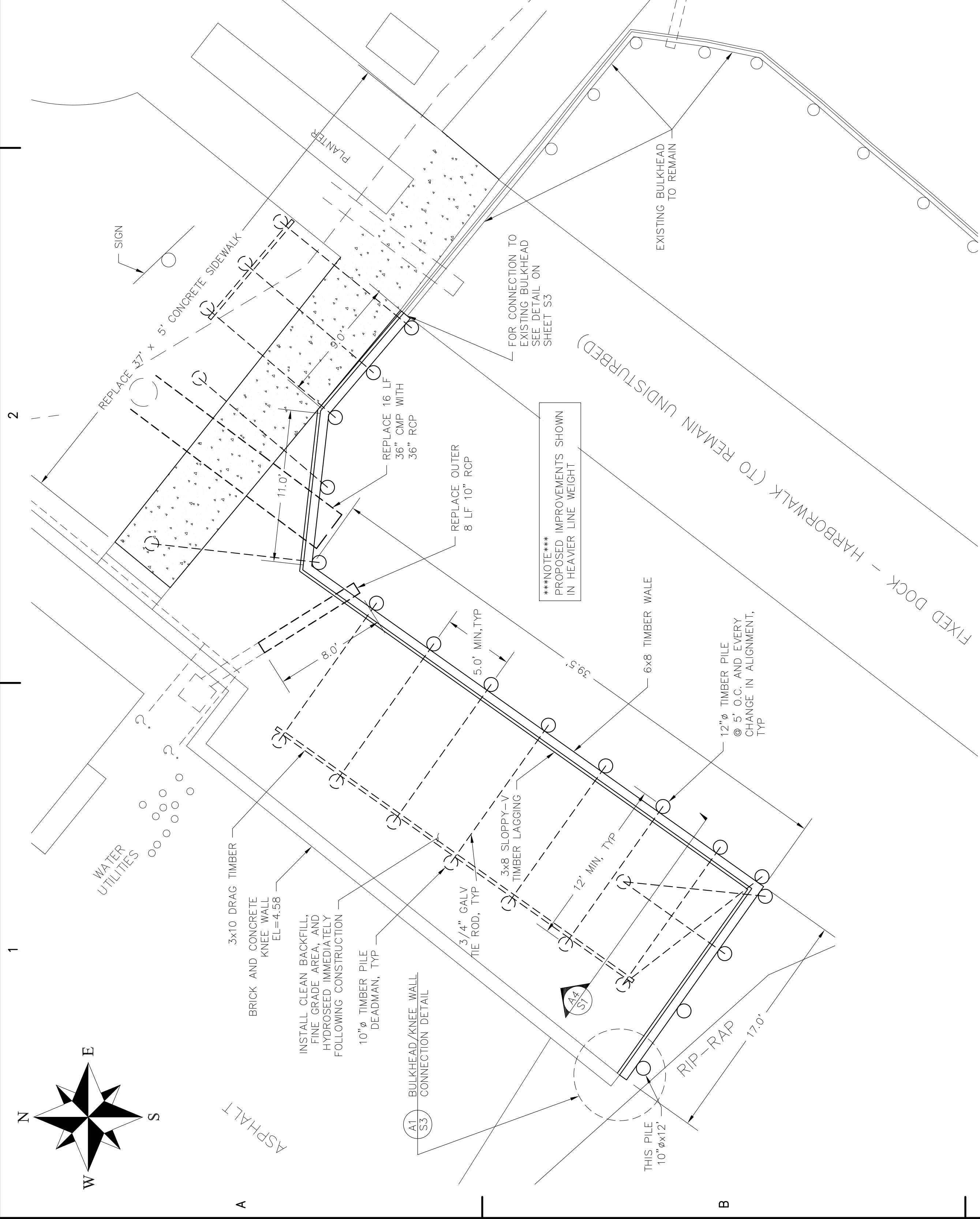
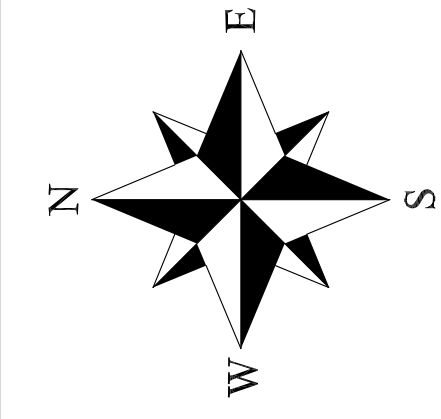
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D1

DEMOLITION PLAN

1 2 3 4

1 2 3 4



PROPOSED SITE PLAN

SCALE: 1 : 5

BULKHEAD NOTES:

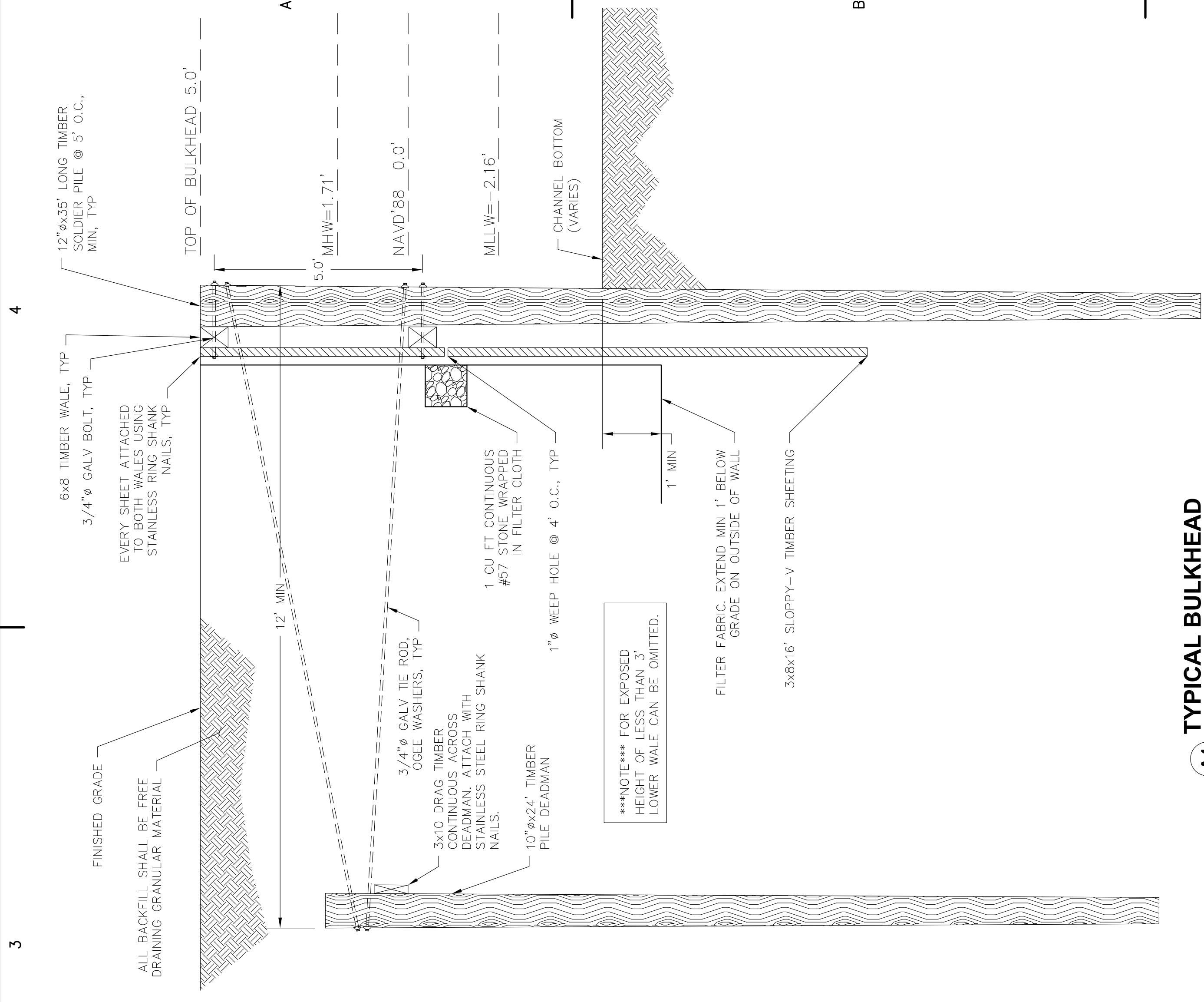
1. BACKFILL MATERIAL SHALL BE CLEAN FREE DRAINING MATERIAL AND SHALL CONSIST OF EITHER GW, GP, SW, OR SP PER ASTM D-2487.
2. INSTALL PILES PLUMB AND TRUE TO THE ELEVATIONS SPECIFIED. PILES SHALL NOT BE DRIVEN MORE THAN 1/2" PER FOOT OUT OF PLUMB IN THE PLANE OF THE WALL, NOR MORE THAN 1/16" PER FOOT "OUT" OF PLUMB PERPENDICULAR TO THE PLANE OF THE WALL, NOR MORE THAN 1" PER FOOT "IN" OF PLUMB PERPENDICULAR TO THE PLANE OF THE WALL.
3. SHEETS DRIVEN OUT OF INTERLOCK WITH ADJACENT SHEETING OR OTHERWISE DAMAGED SHALL BE REMOVED AND REPLACED WITH NEW MATERIAL AT THE CONTRACTORS EXPENSE.

HARDWARE CONNECTION NOTES:

1. ALL GALVANIZED BOLTS, NUTS AND WASHERS SHALL BE HOT DIPPED GALVANIZED PER ASTM-153 WITH 20 OUNCES OF ZINC PER SQUARE FOOT.
2. ALL SCREWS SHALL BE 316 STAINLESS STEEL.
3. ALL NAILS SHALL BE STAINLESS STEEL RING SHANK.
4. SET SCREW HEAD FLUSH WITH MEMBER TO BE CONNECTED.
5. SET SCREWS TO FULL DEPTH AND DO NOT ALLOW TIP OR THREADS TO PROTRUDE.

TIMBER NOTES:

1. TIMBER SHALL BE NO. 1 SOUTHERN YELLOW PINE, AND SHALL BE PRESSURE TREATED IN ACCORDANCE WITH THE AMERICAN WOOD PRESERVERS' ASSOCIATION (AWPA) AND SHALL BEAR A STAMP INDICATING QUALITY AND TREATMENT.
2. ALL TIMBER MATERIALS SHALL BE NEW UNLESS SPECIFICALLY PROVIDED OTHERWISE IN THE CONTRACT DOCUMENTS.
3. THE RE-USE OF TIMBER MATERIALS SHALL NOT BE PERMITTED.
4. CUT JOINTS ACCURATELY TO MAKE A NEAT, SNUG FIT. TOLERANCE SHALL BE 1/16".
5. REMOVE ANY STAINING FROM SOIL, OIL, OR GREASE.
6. TIMBERS WITH A MODERATE BOW ARE PERMITTED WHERE THEIR INTENDED USE WILL STRAIGHTEN THEM. DO NOT USE SEVERELY BOWED TIMBERS OR TIMBERS BOWED IN MORE THAN ONE DIRECTION.
7. ALL TIMBER MATERIALS SHALL BE PRESSURE TREATED CCA 2.5 PCF PER AWPA SPECIFICATIONS.
8. TIMBER CONSTRUCTION SHALL CONFORM TO NATIONAL DESIGN STANDARD FOR WOOD CONSTRUCTION, CURRENT EDITION.



A4 TYPICAL BULKHEAD SECTION

SCALE = 1:2

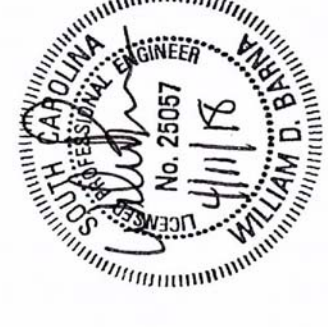
TIMBER PILE NOTES:

1. POSTS/PILES SHALL BE PRESSURE TREATED USING 2.5 CCA PER AWPA RECOMMENDATIONS.
2. PRE-DRILLING/AUGURING OF PILES SHALL BE LIMITED TO A DEPTH OF NO MORE THAN 50% OF THE SPECIFIED EMBEDMENT LENGTH.
3. DIAMETER OF AUGER HOLE SHALL NOT EXCEED 75% OR POST WIDTH.
4. PILES MAY BE DRIVEN, JETTED, OR VIBRATED TO THE SPECIFIED EMBEDMENT LENGTH.
5. PILES/POSTS SHALL BE INSTALLED TRUE AND PLUMB TO THE EMBEDMENT DEPTH AS SPECIFIED ON THESE DRAWINGS.

CONSTITUTION PARK BULKHEAD REPLACEMENT

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\$1

PROPOSED PLAN AND DETAILS

4

3

2

1

4

3

2

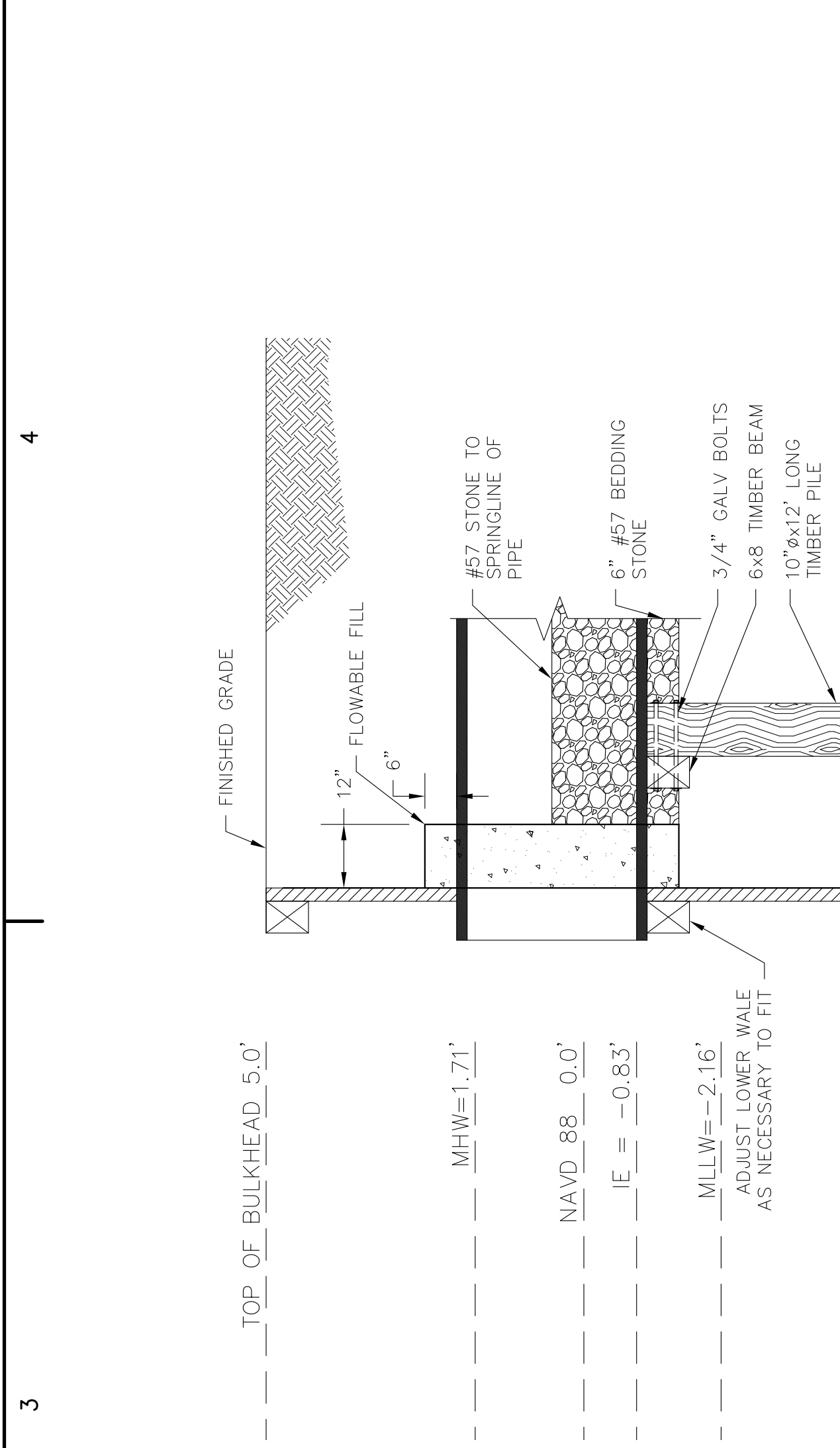
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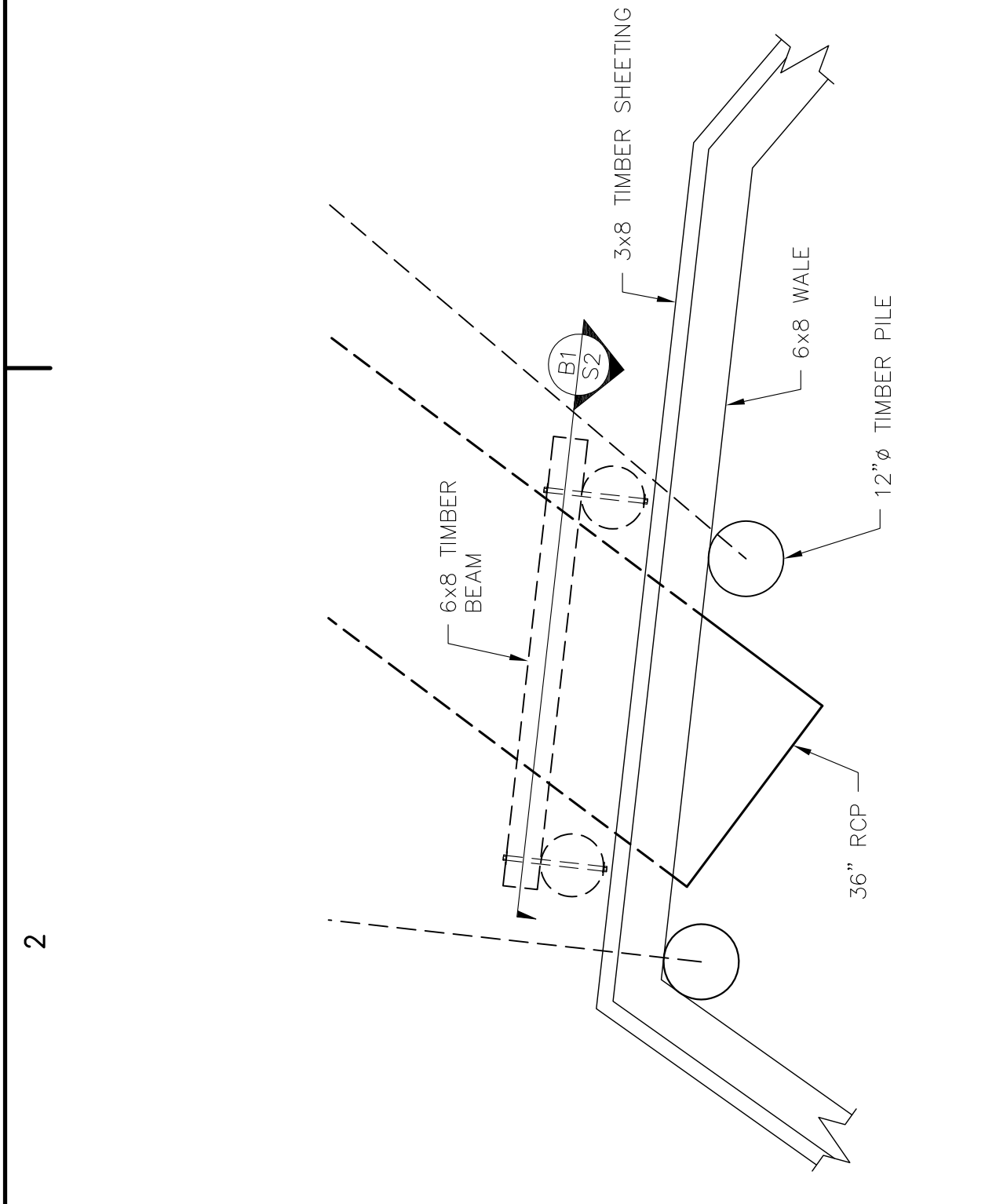
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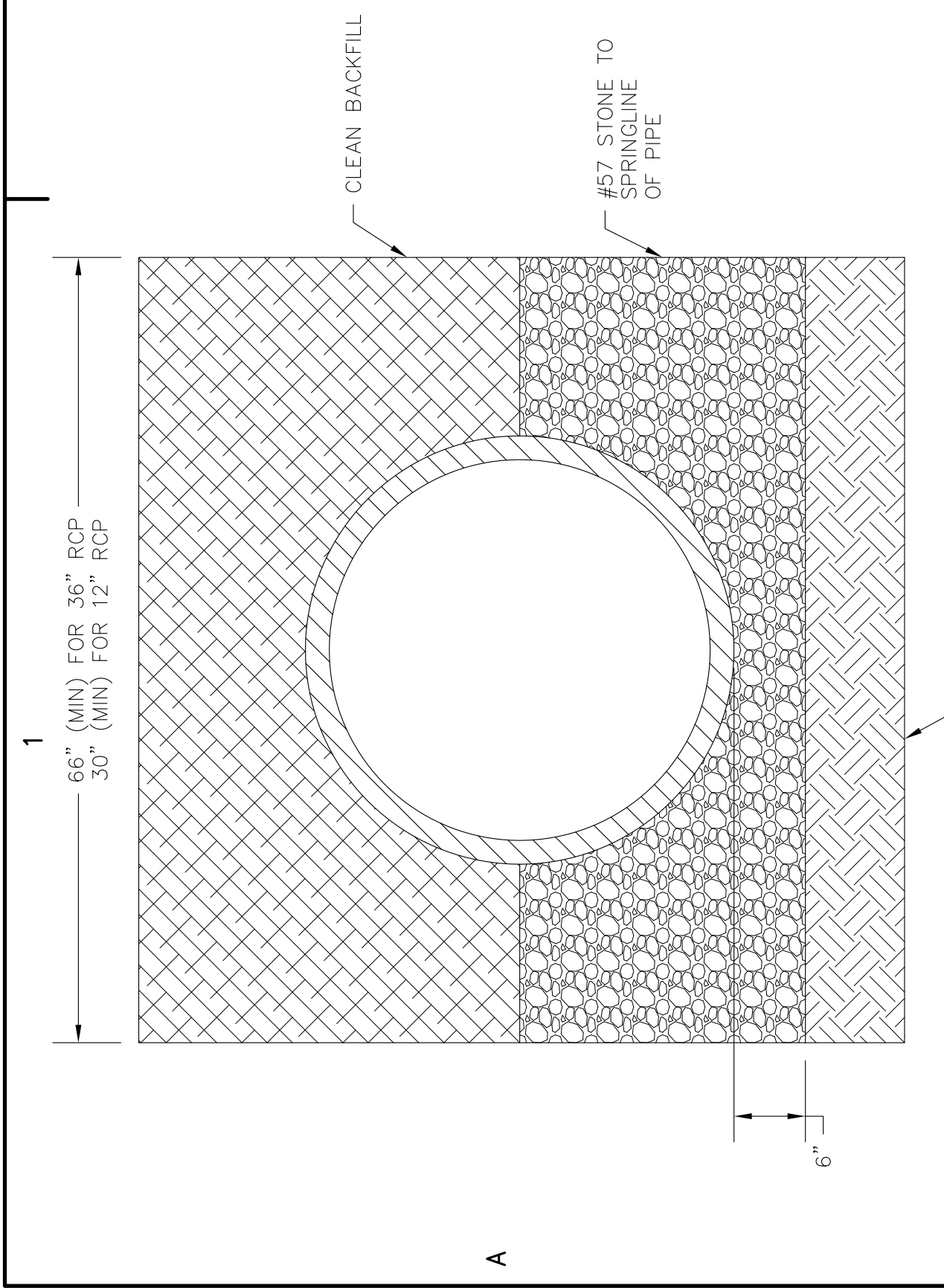
DETAILS



**TYPICAL PIPE
 BEDDING DETAIL**
 SCALE = 1:2

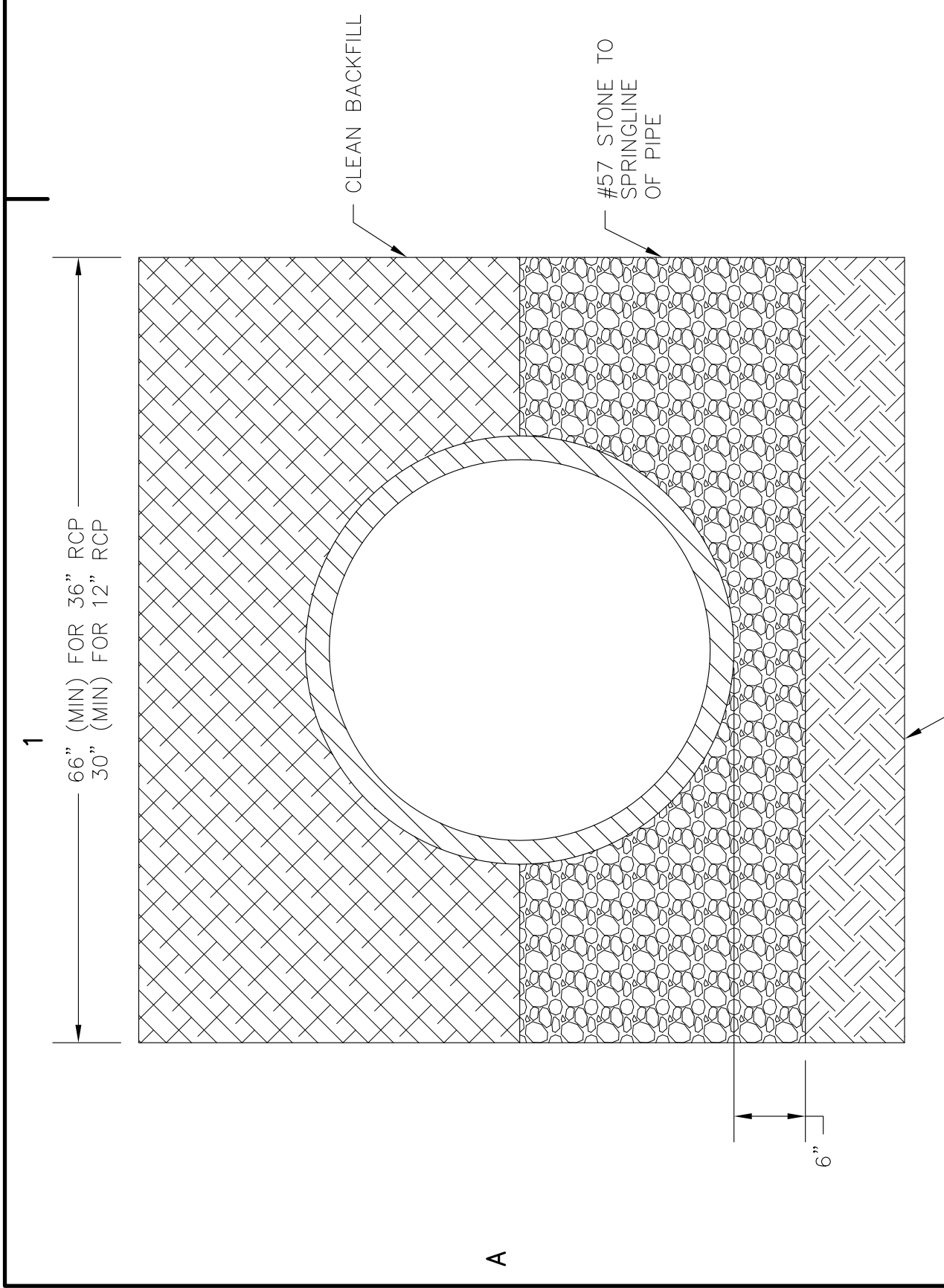


**TYPICAL PIPE/BULKHEAD
 PENETRATION DETAIL**
 SCALE = 1:2

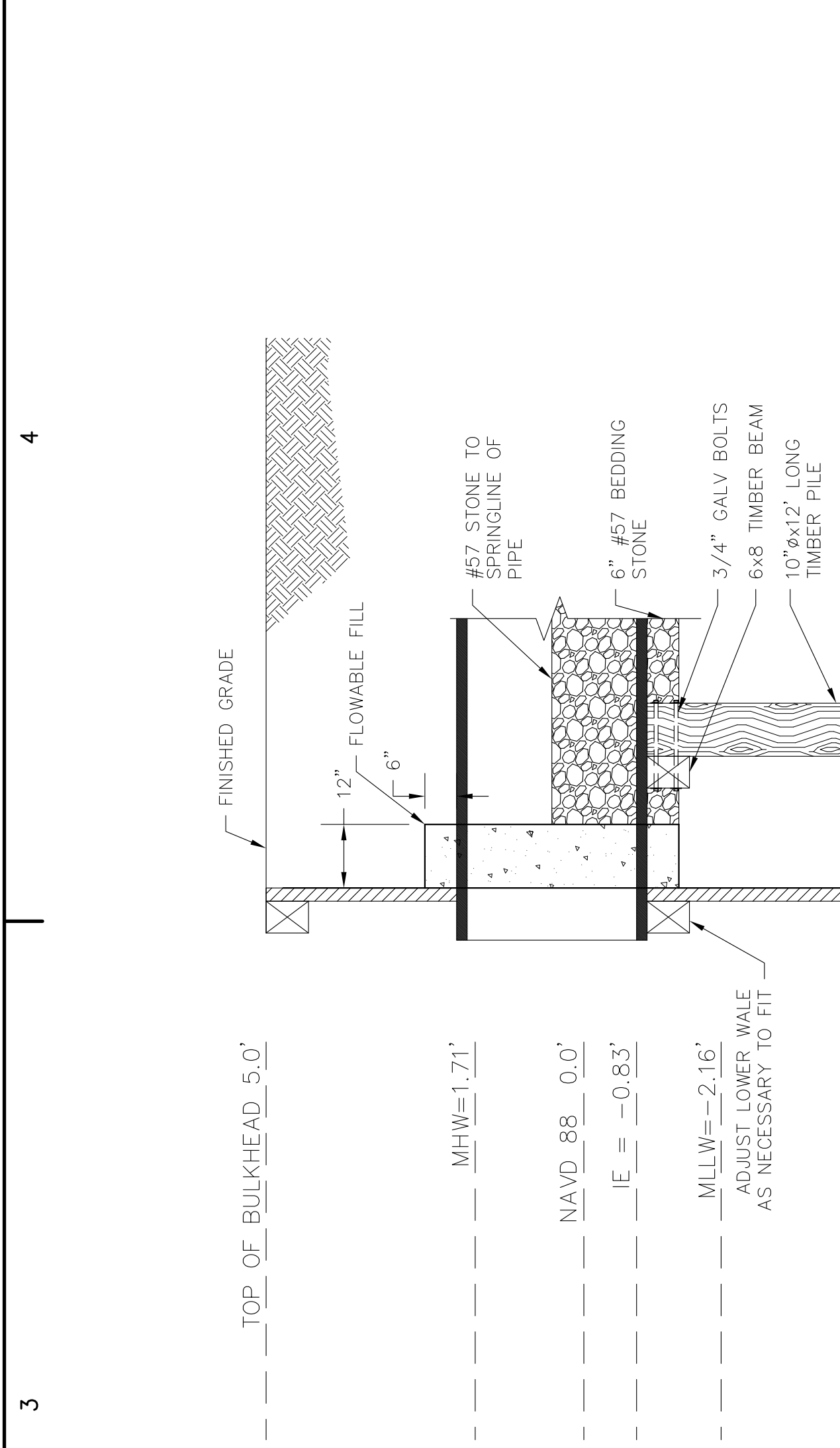


PIPE PENETRATION DETAIL
 SCALE = 1:2

NOTE
 DETAIL FOR 12" RCP SIMILAR
 BUT OMIT TIMBER PILES AND TIMBER
 BEAM SUPPORT

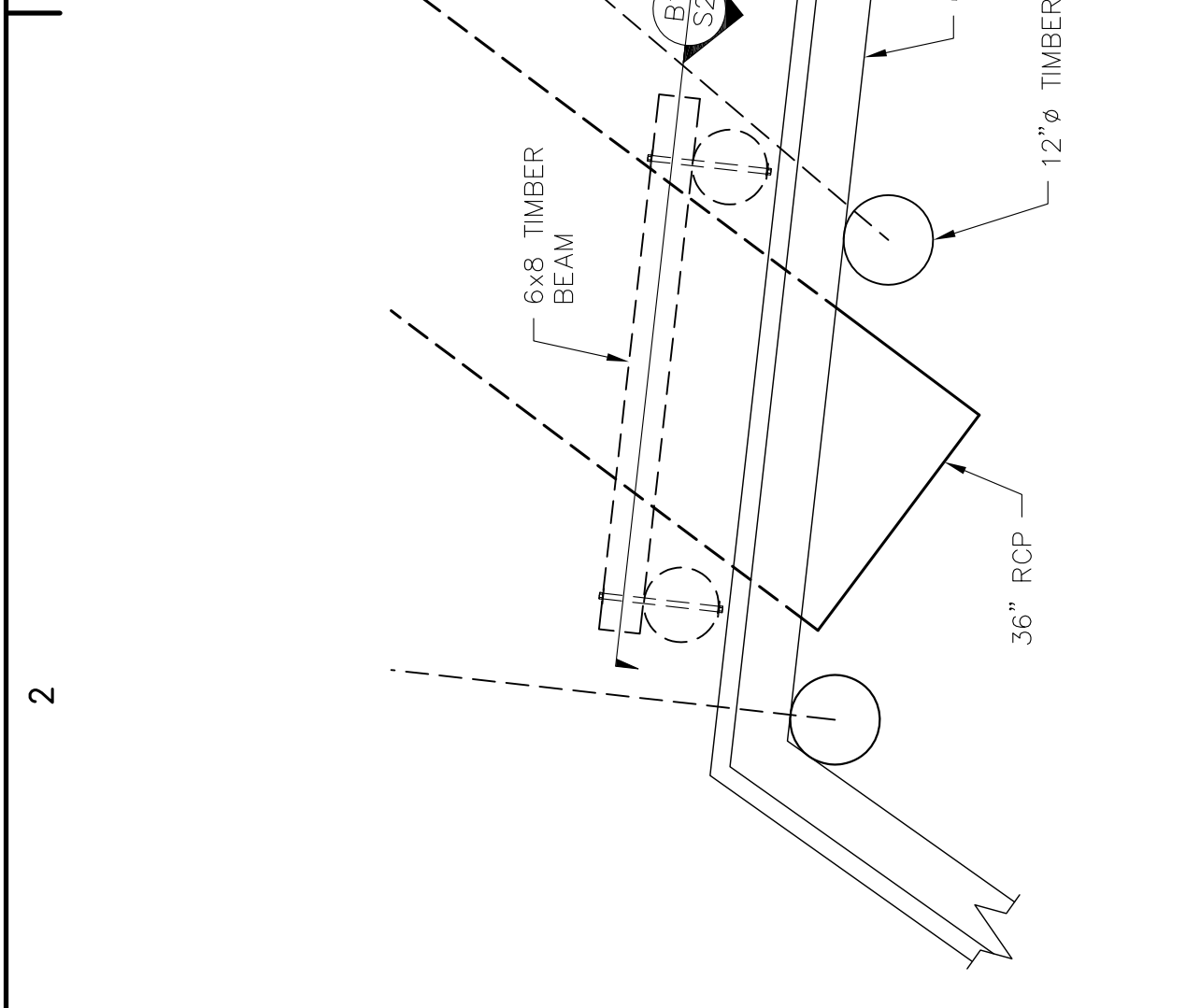


PIPE SUPPORT DETAIL (36" RCP)
 SCALE = 1:2

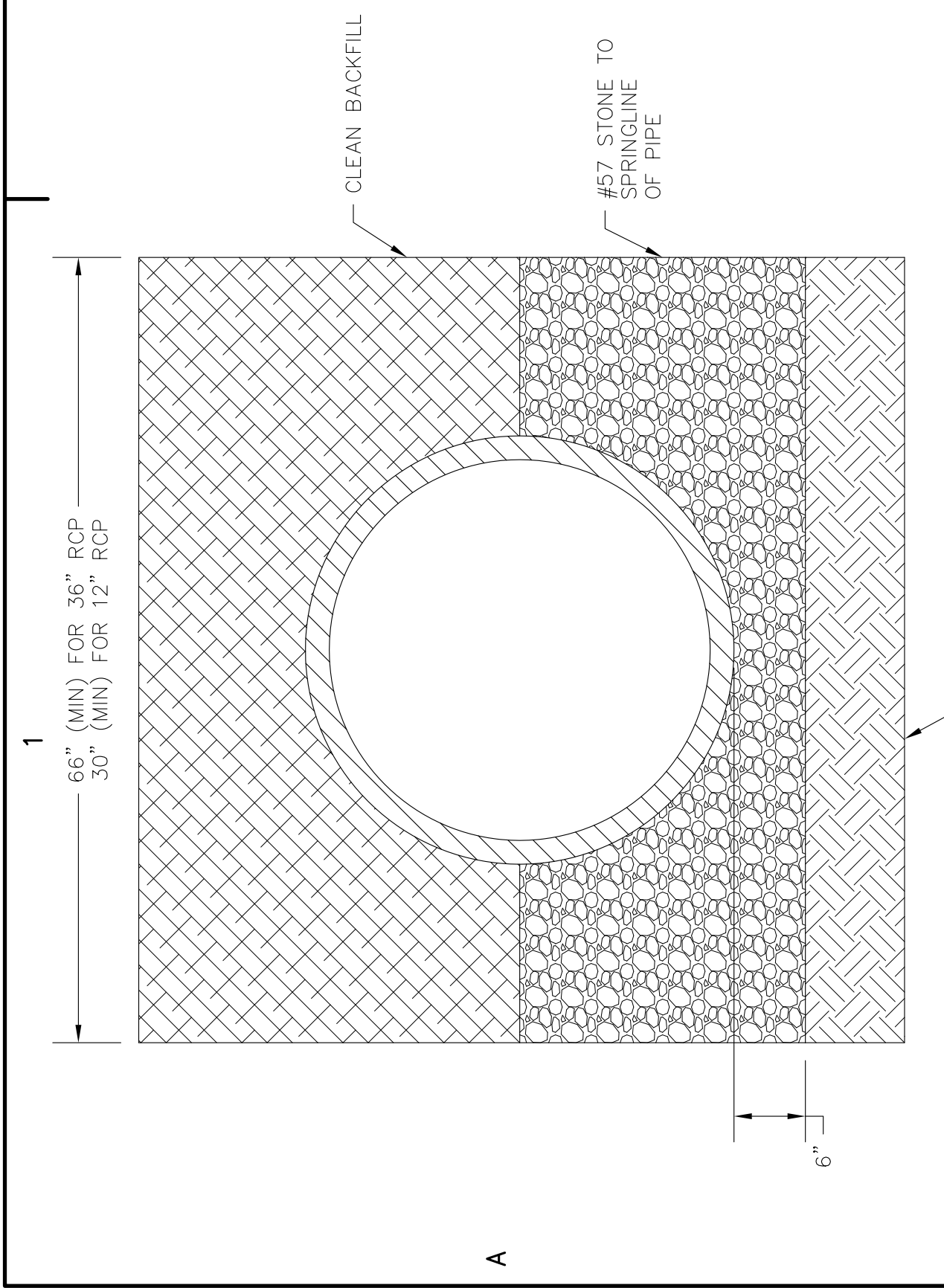


**NEW SIDEWALK
 CROSS SECTION**
 SCALE = NTS

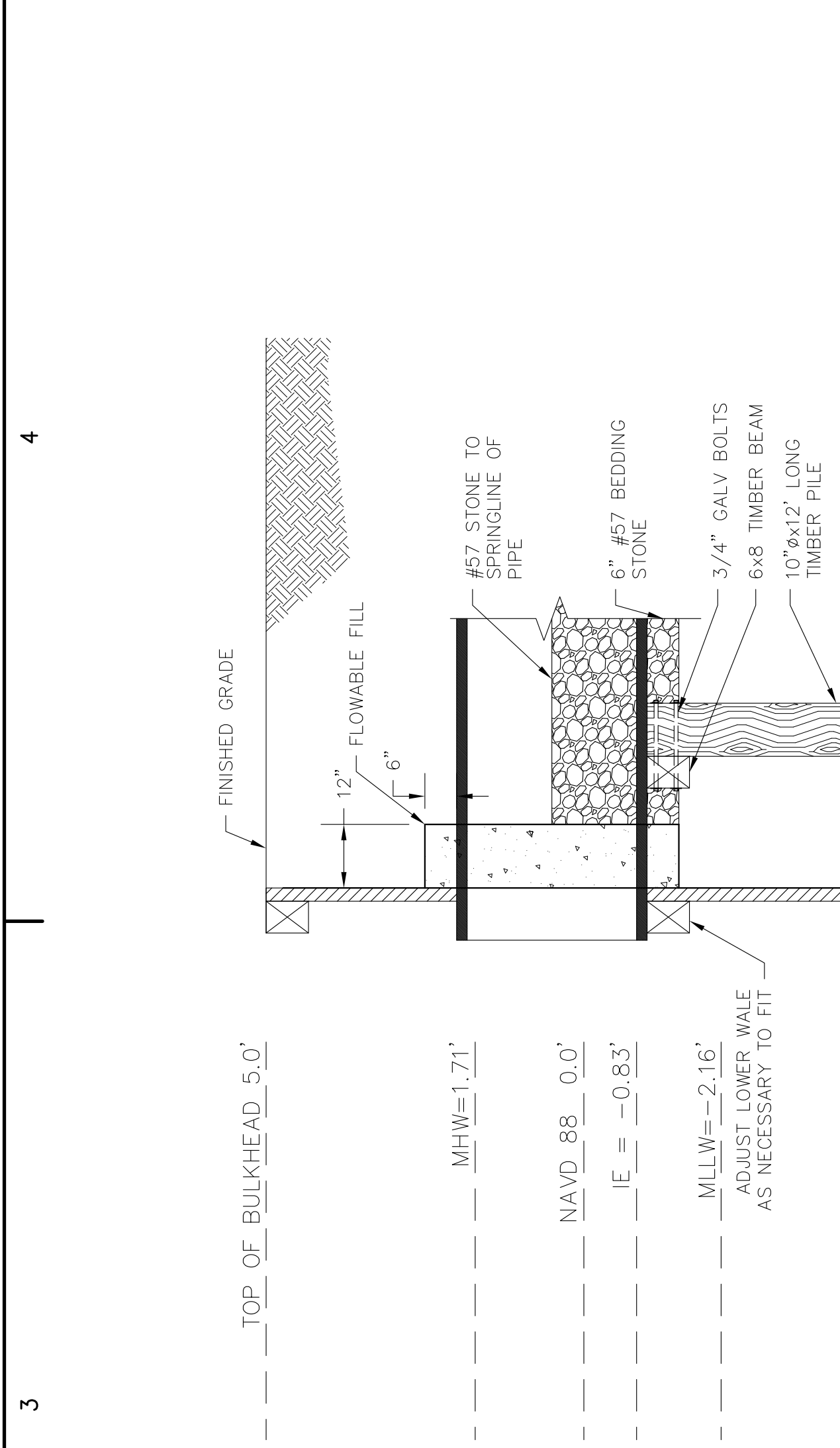
SUBGRADE MATERIAL SHALL BE COMPACTED TO A FIRM, EVEN SURFACE TRUE IN GRADE AND CROSS SECTION, AND SHALL BE MOIST AT THE TIME OF CONCRETE PLACEMENT. INSTALL CRACK CONTROL JOINT EVERY 10' ALONG LENGTH OF WALKWAY.



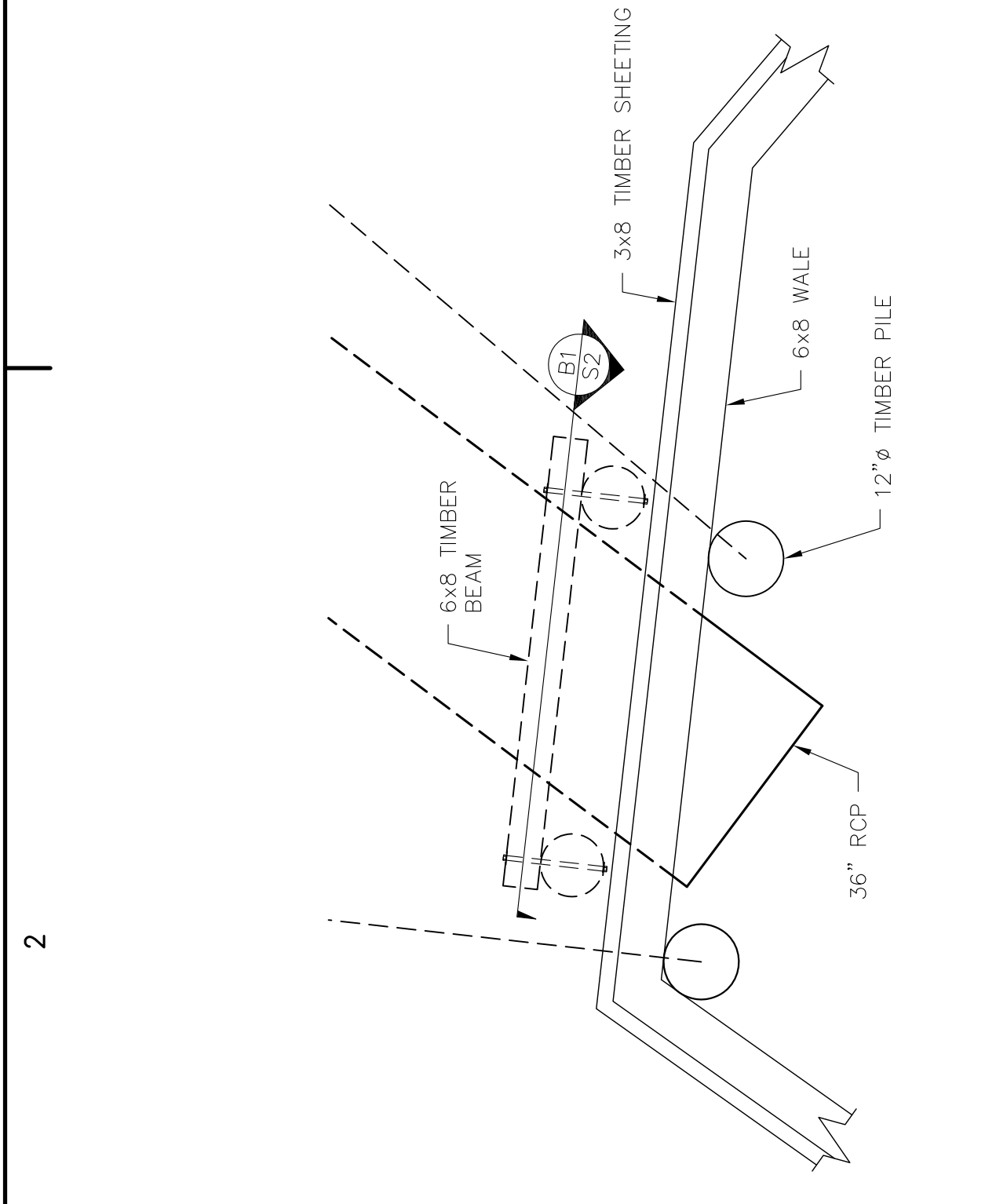
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 DETAIL**
 SCALE = 1:2



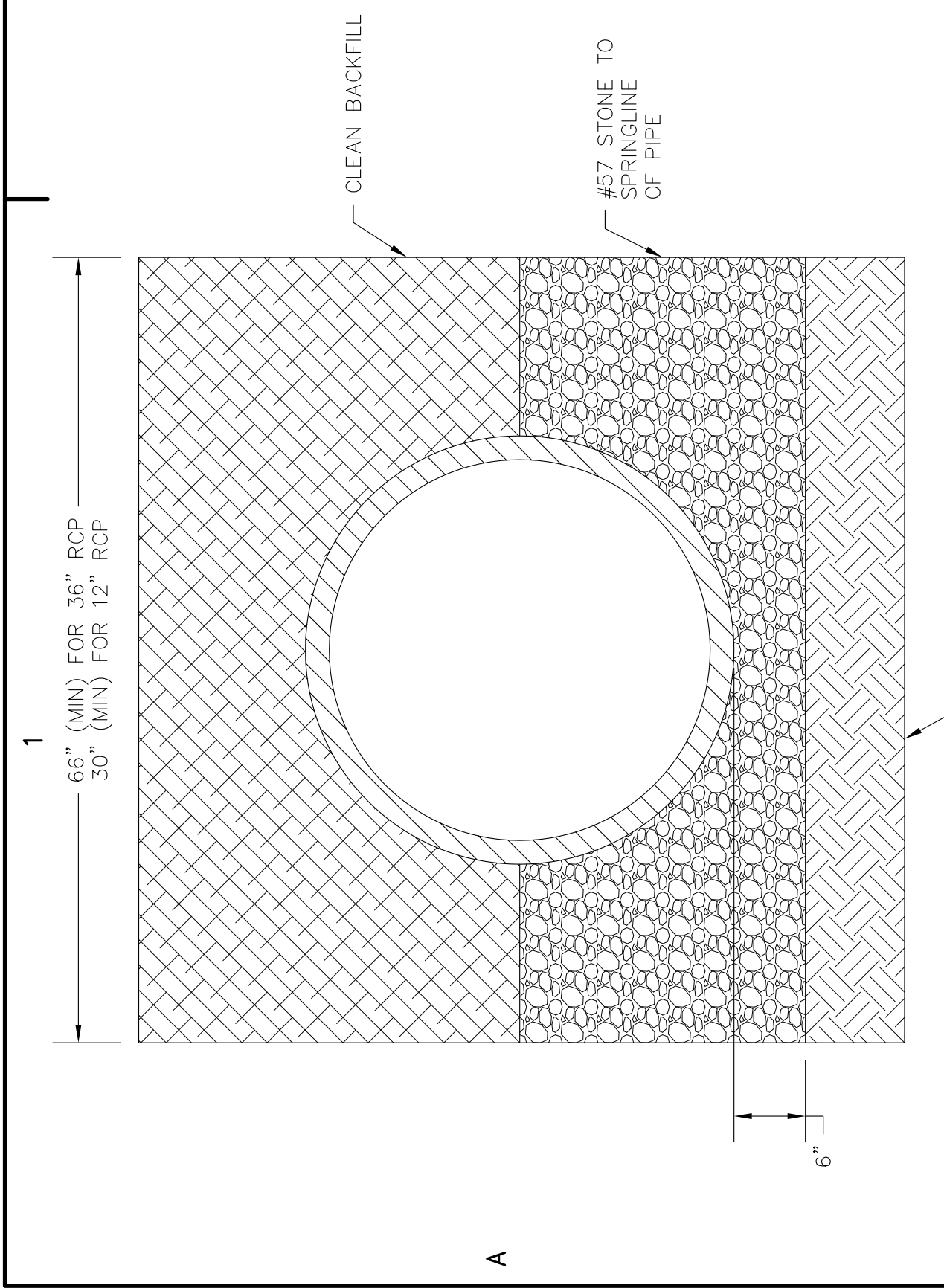
**TYPICAL PIPE/BULKHEAD
 PENETRATION DETAIL**
 SCALE = 1:2



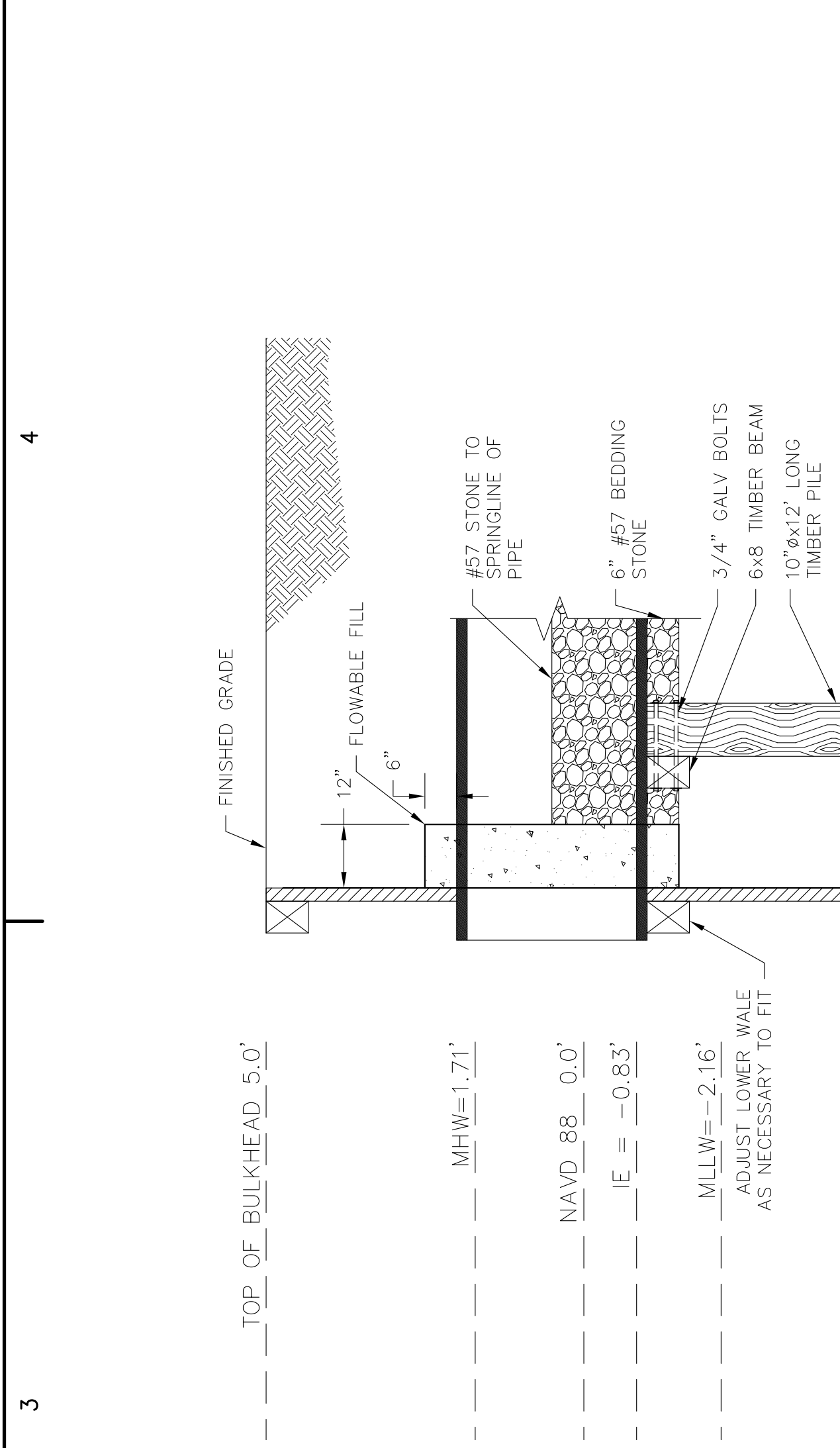
**TYPICAL PIPE
 BEDDING DETAIL**
 SCALE = 1:2



**TYPICAL PIPE/BULKHEAD
 PENETRATION DETAIL**
 SCALE = 1:2

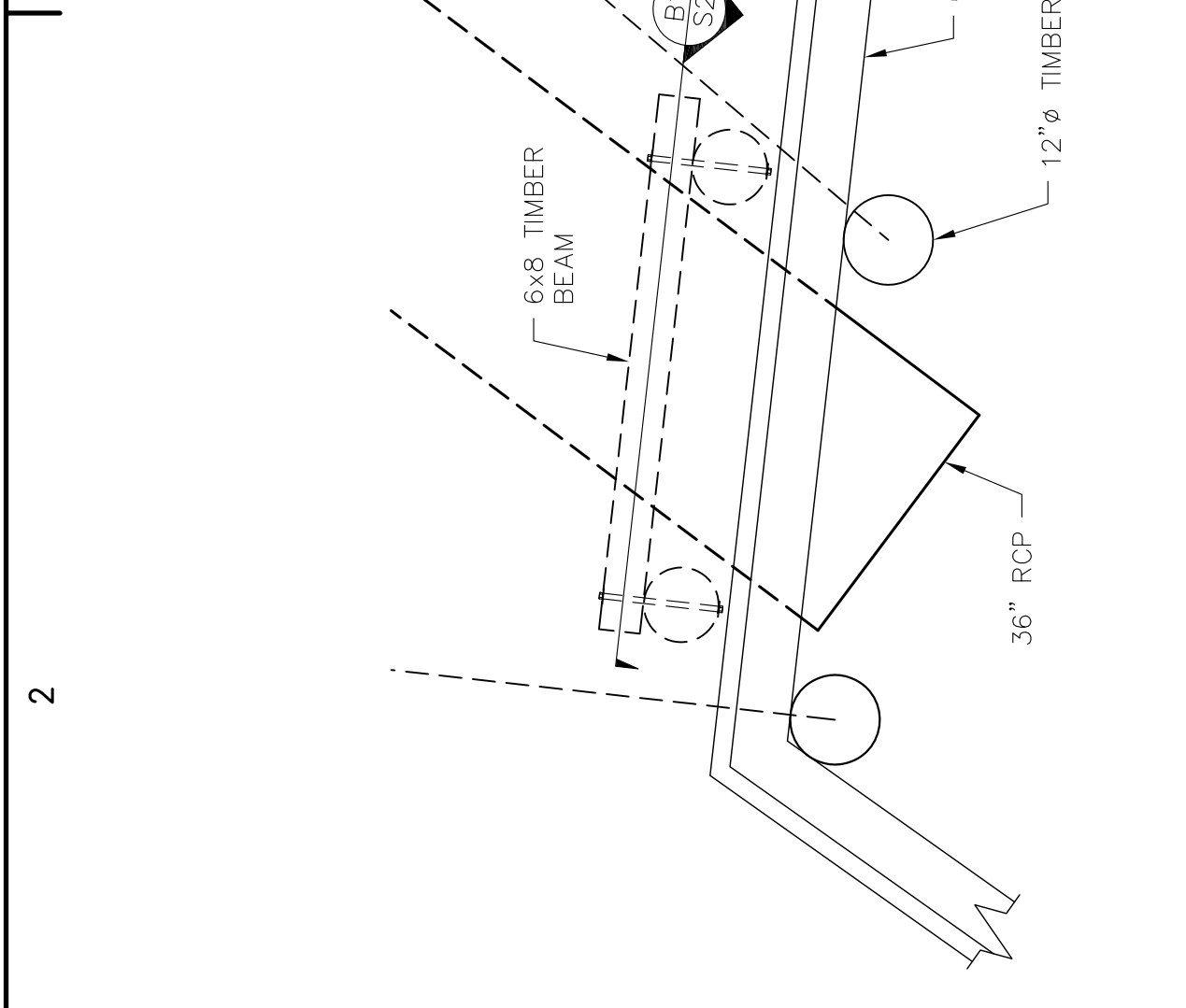


PIPE SUPPORT DETAIL (36" RCP)
 SCALE = 1:2

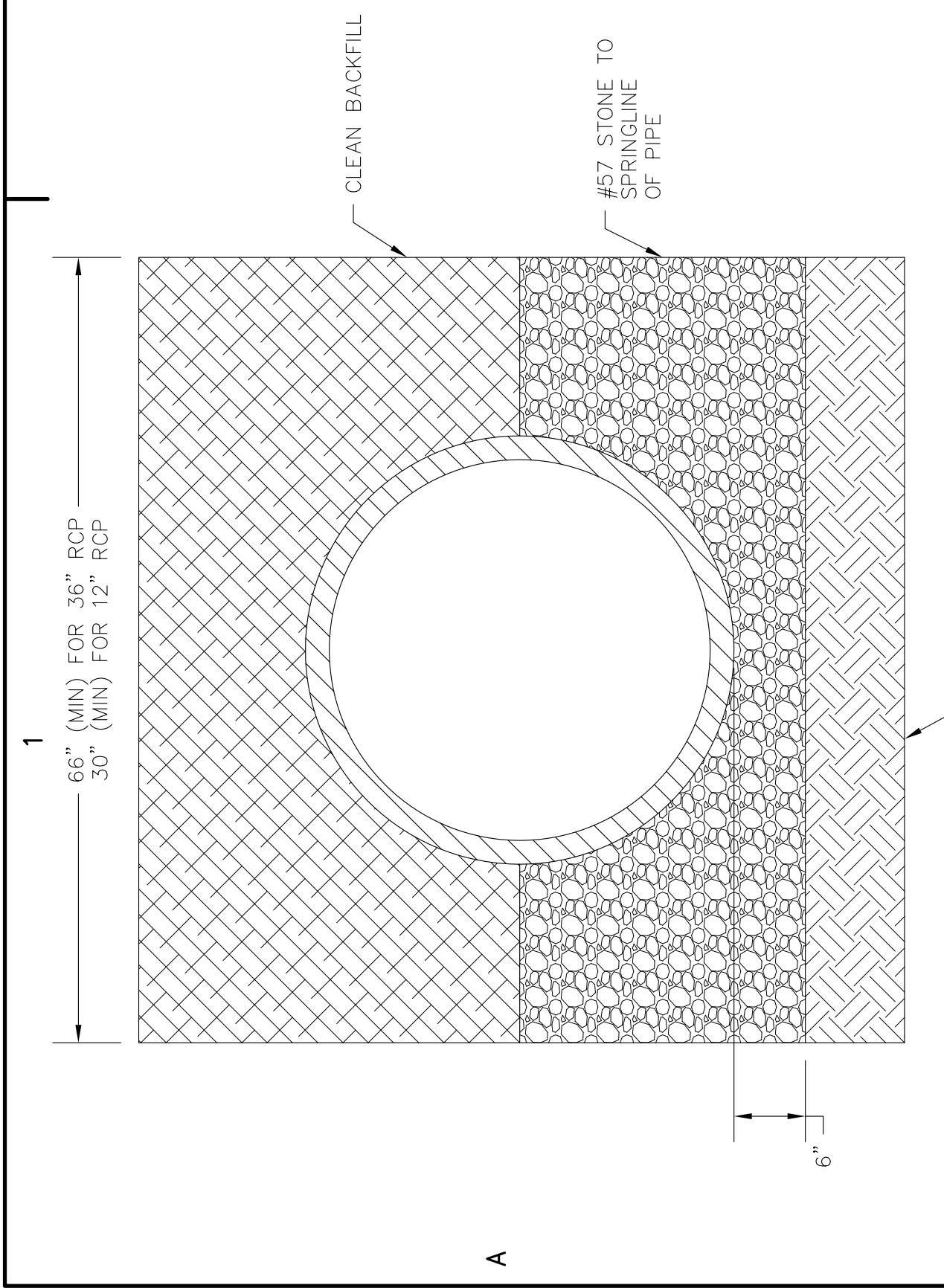


**NEW SIDEWALK
 CROSS SECTION**
 SCALE = NTS

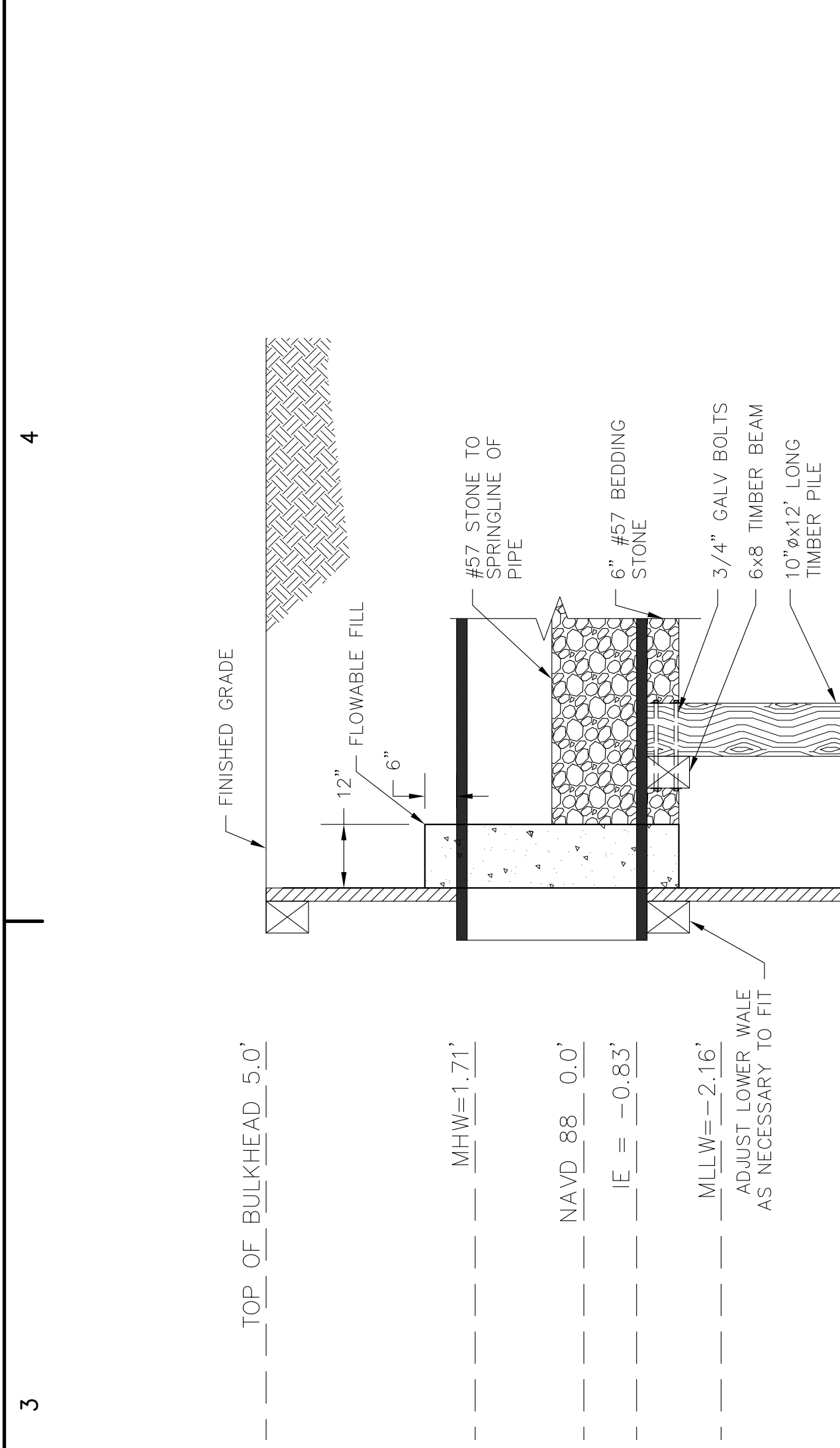
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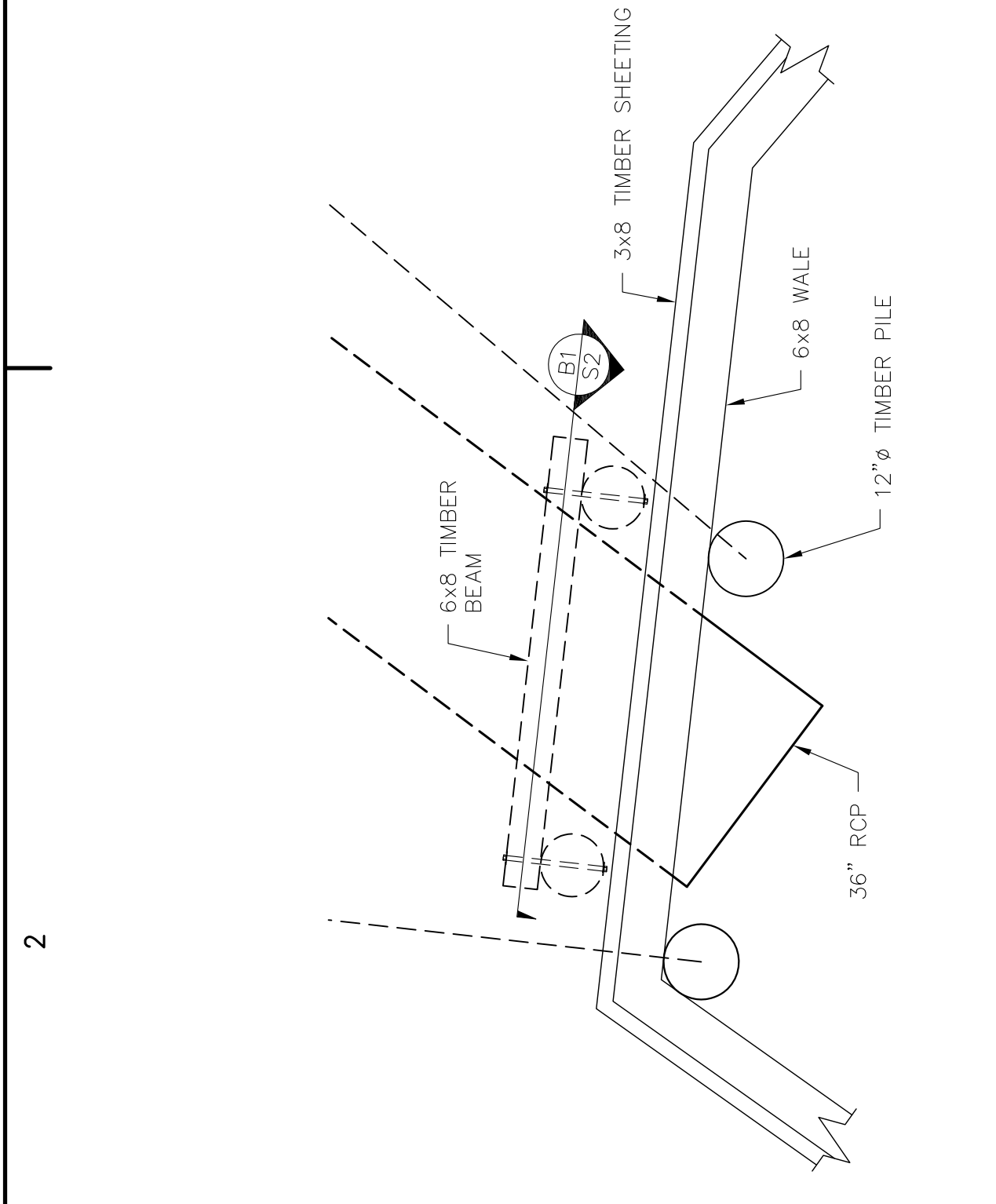
**INLINE CHECK VALVE
 DETAIL**
 SCALE = 1:2



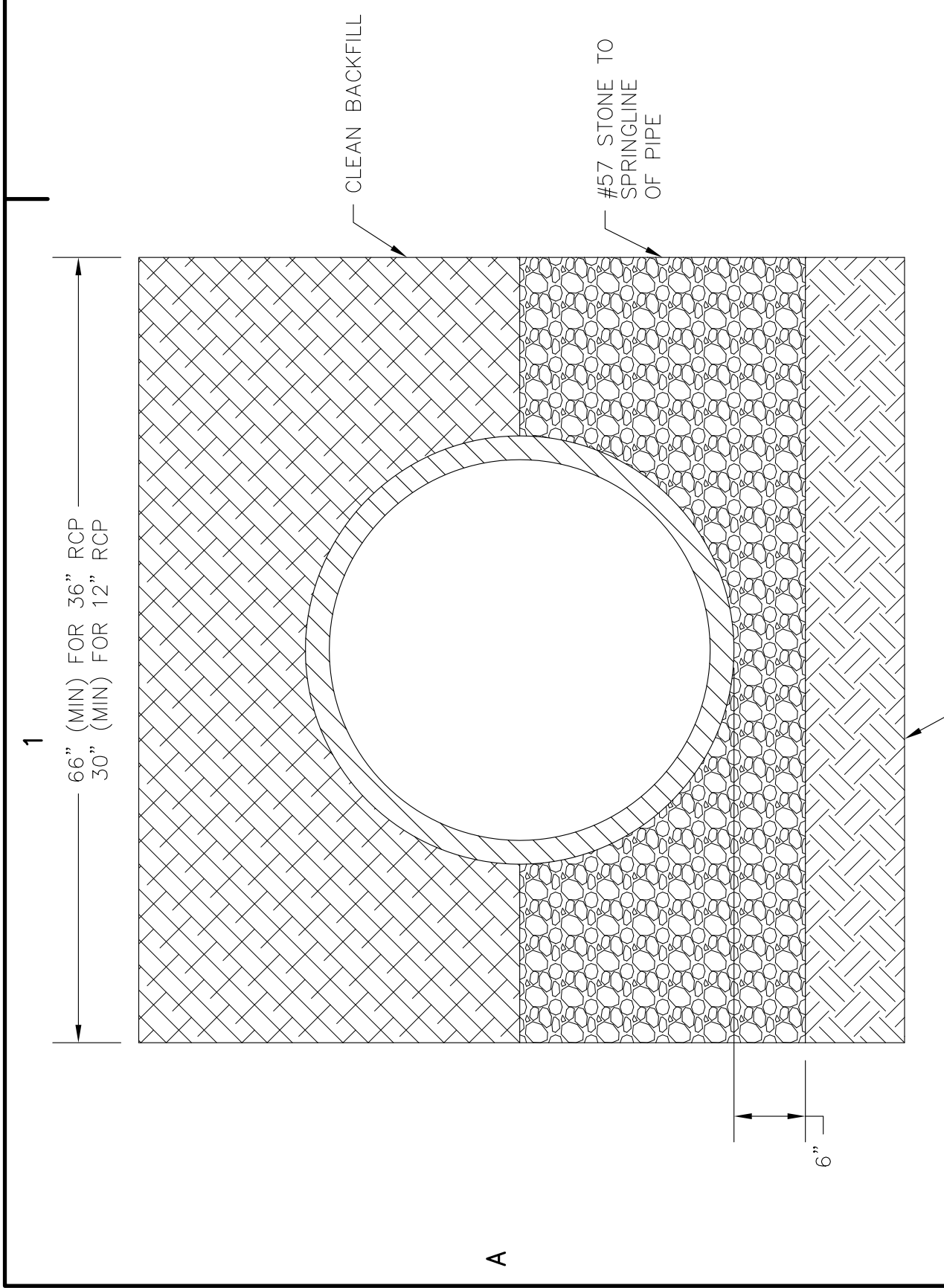
**TYPICAL PIPE/BULKHEAD
 PENETRATION DETAIL**
 SCALE = 1:2



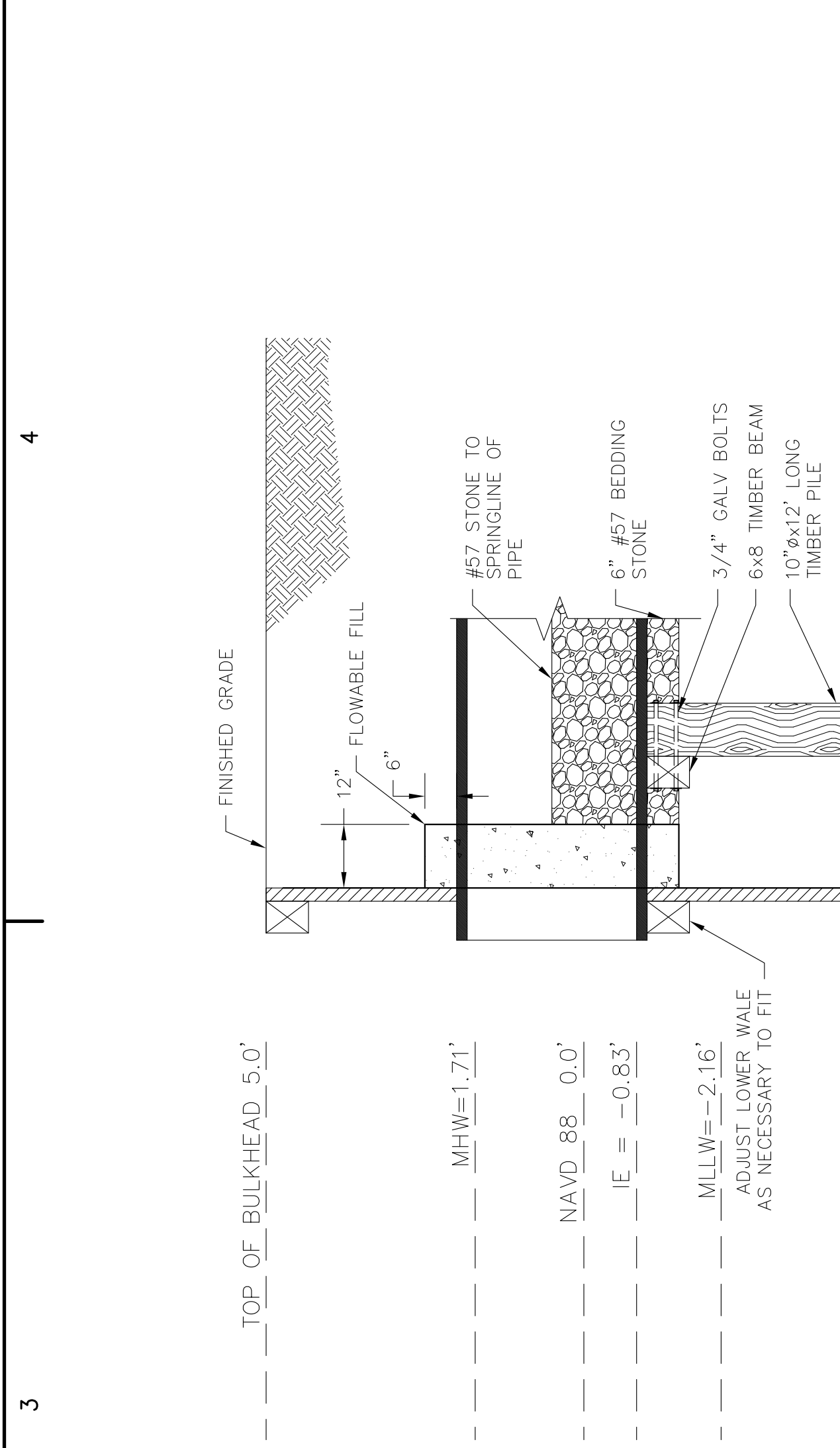
**TYPICAL PIPE
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 SCALE = 1:2



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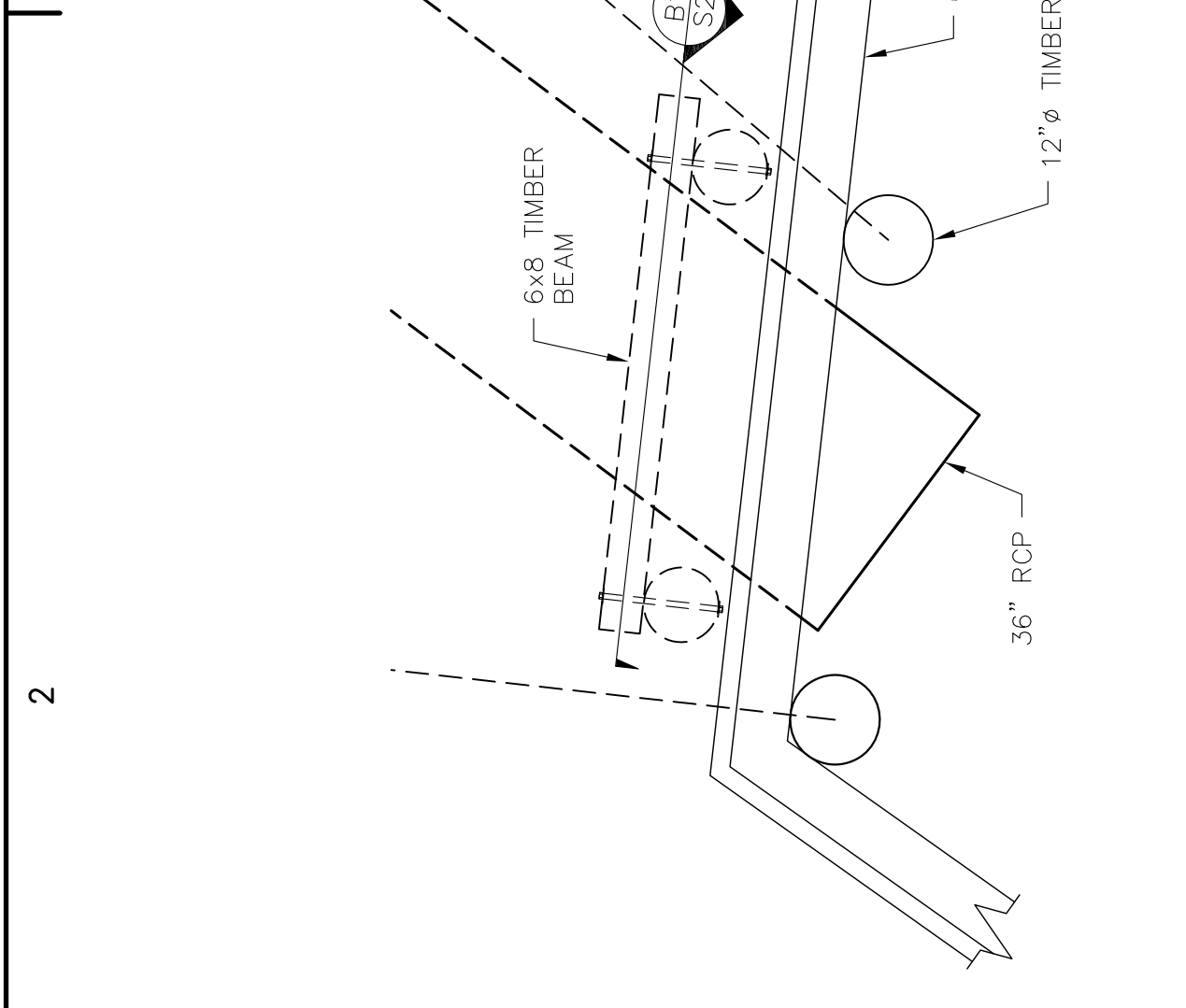


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 SCALE = 1:2

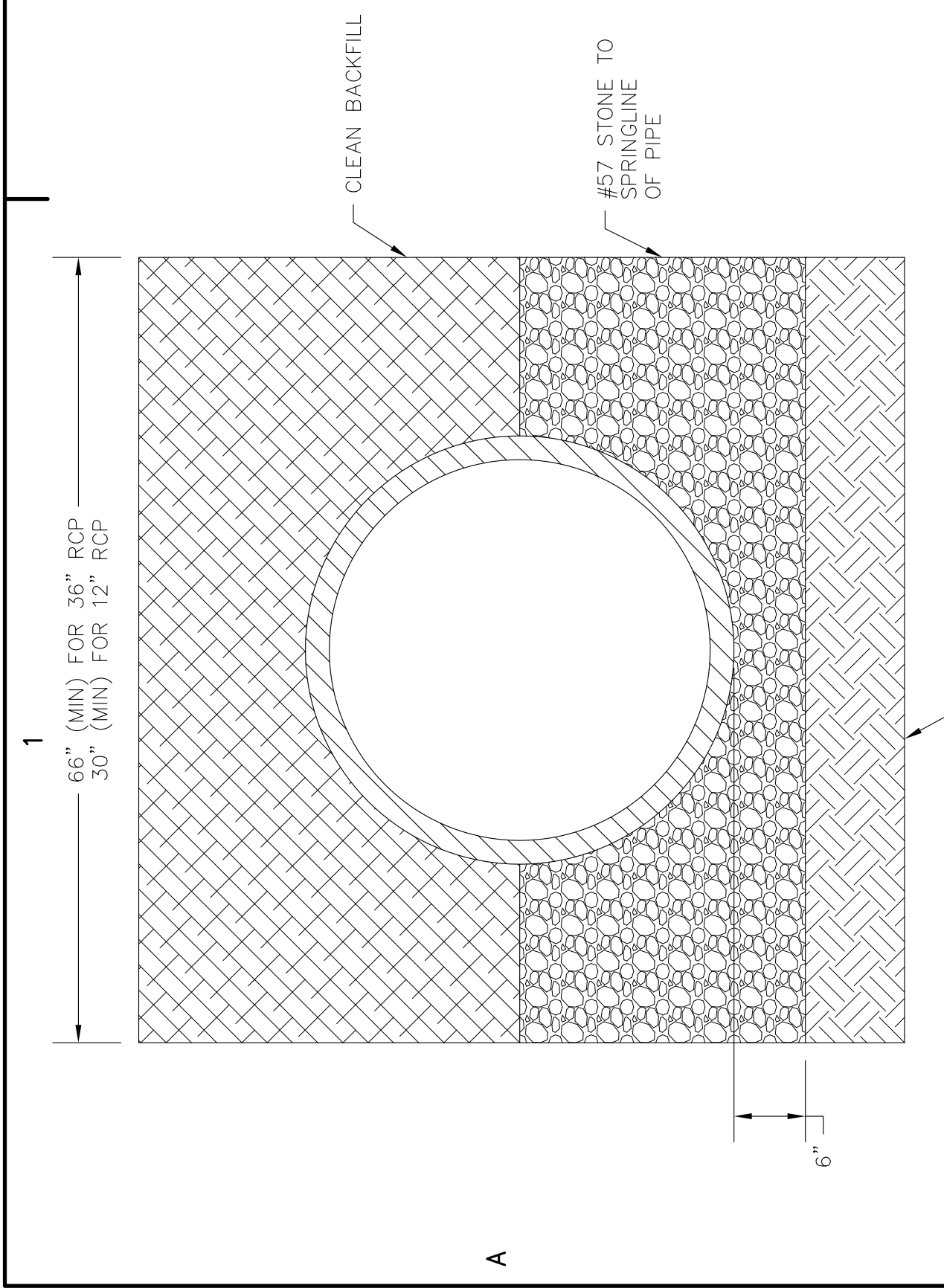


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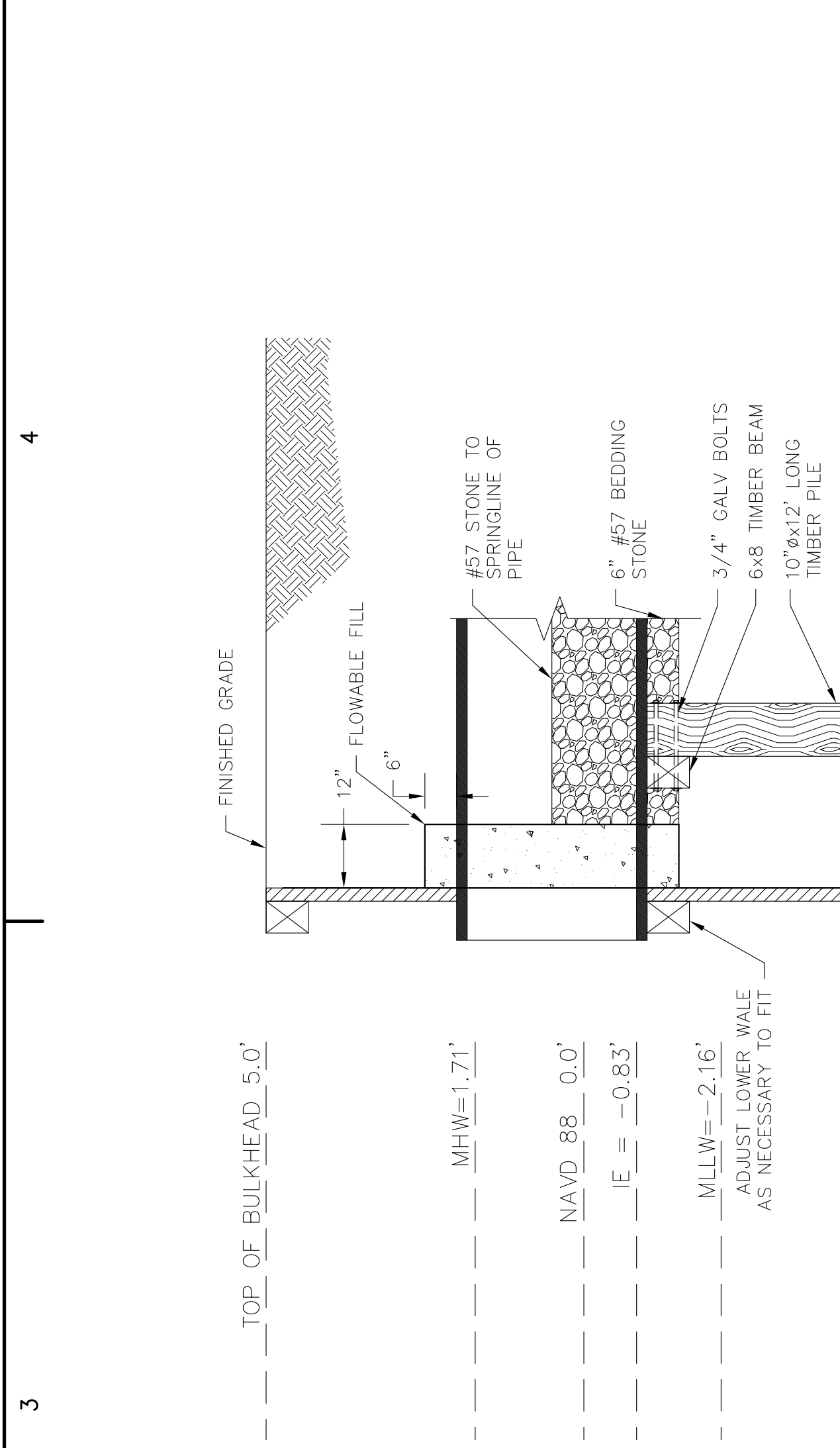
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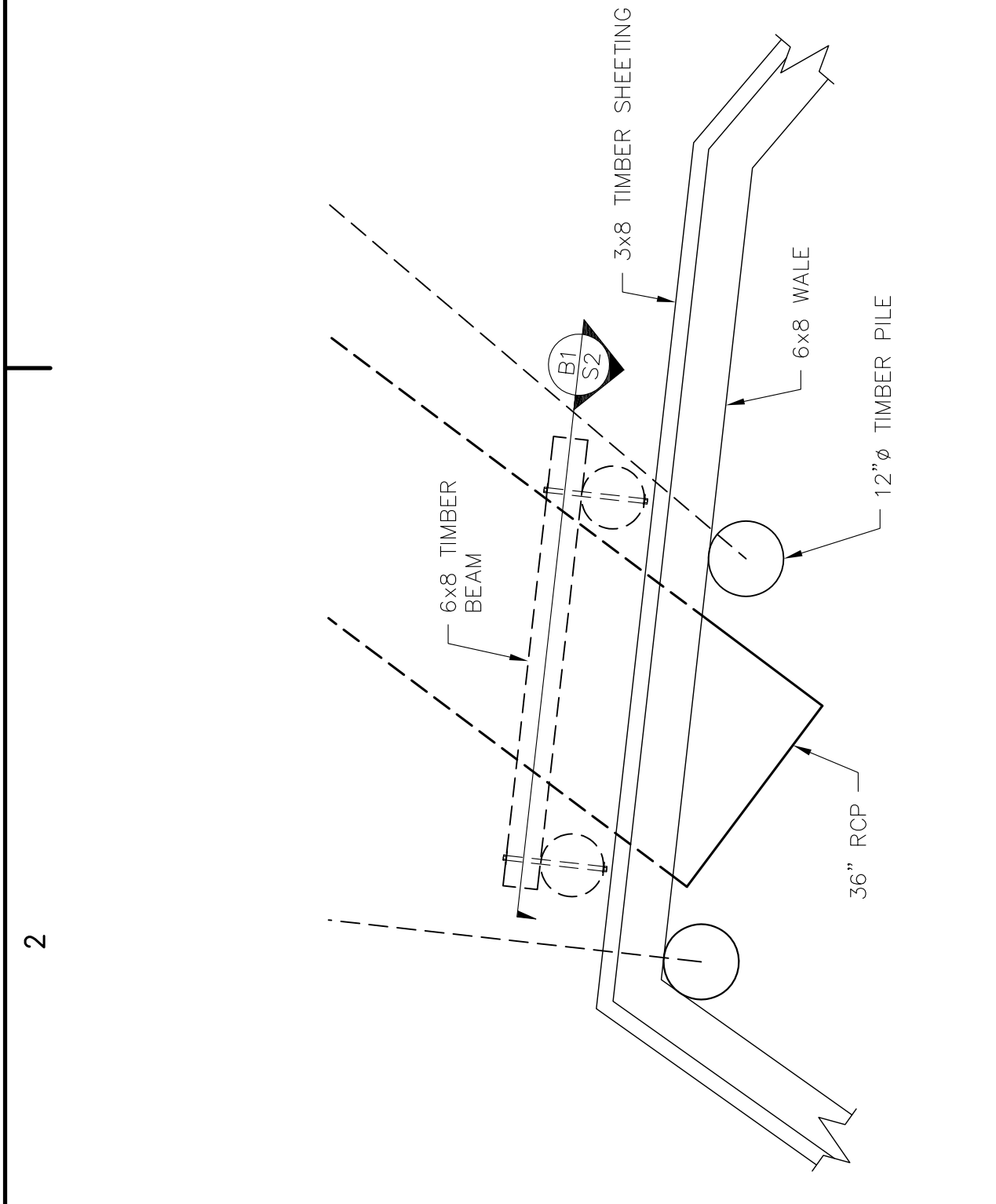
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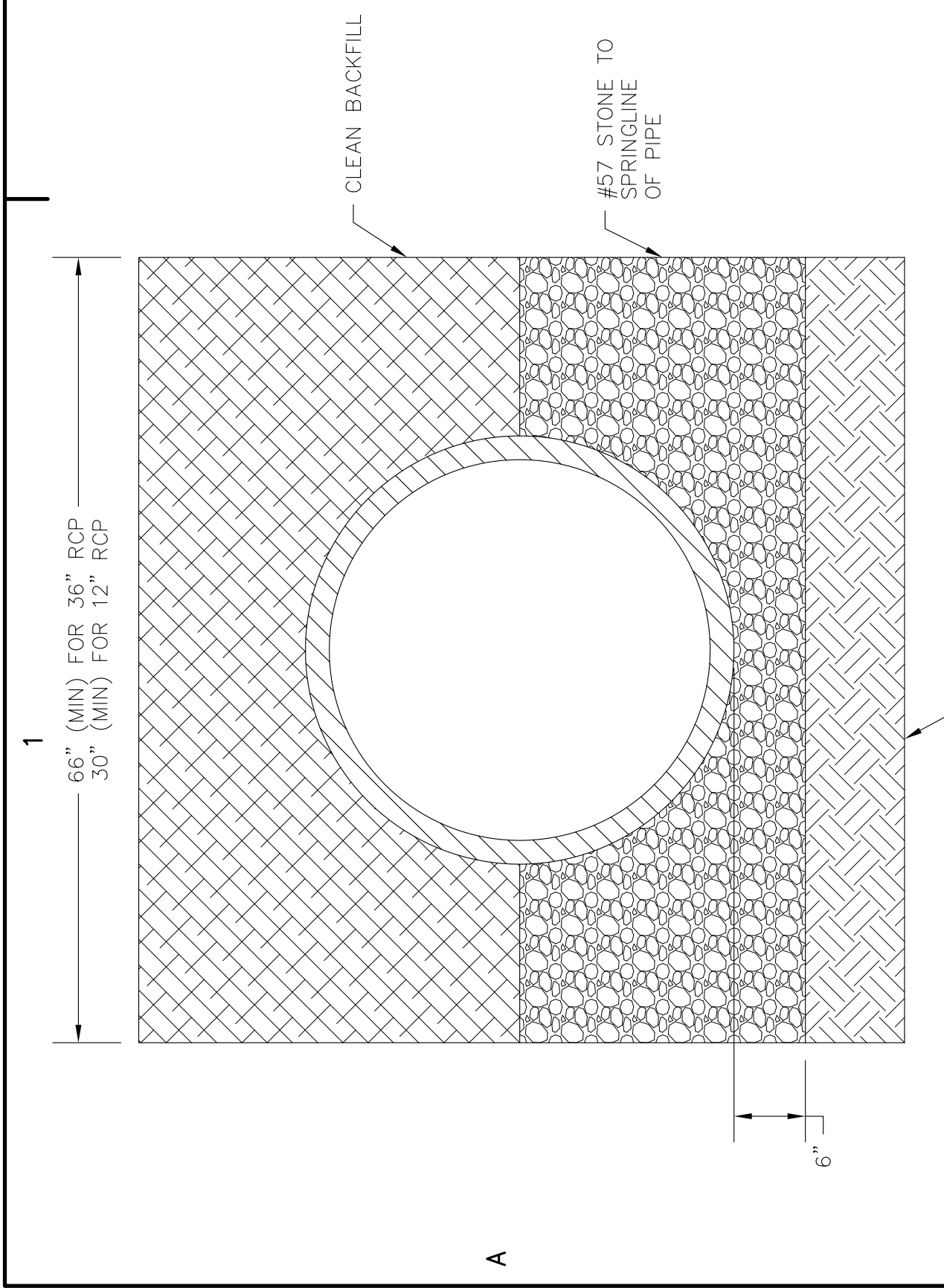
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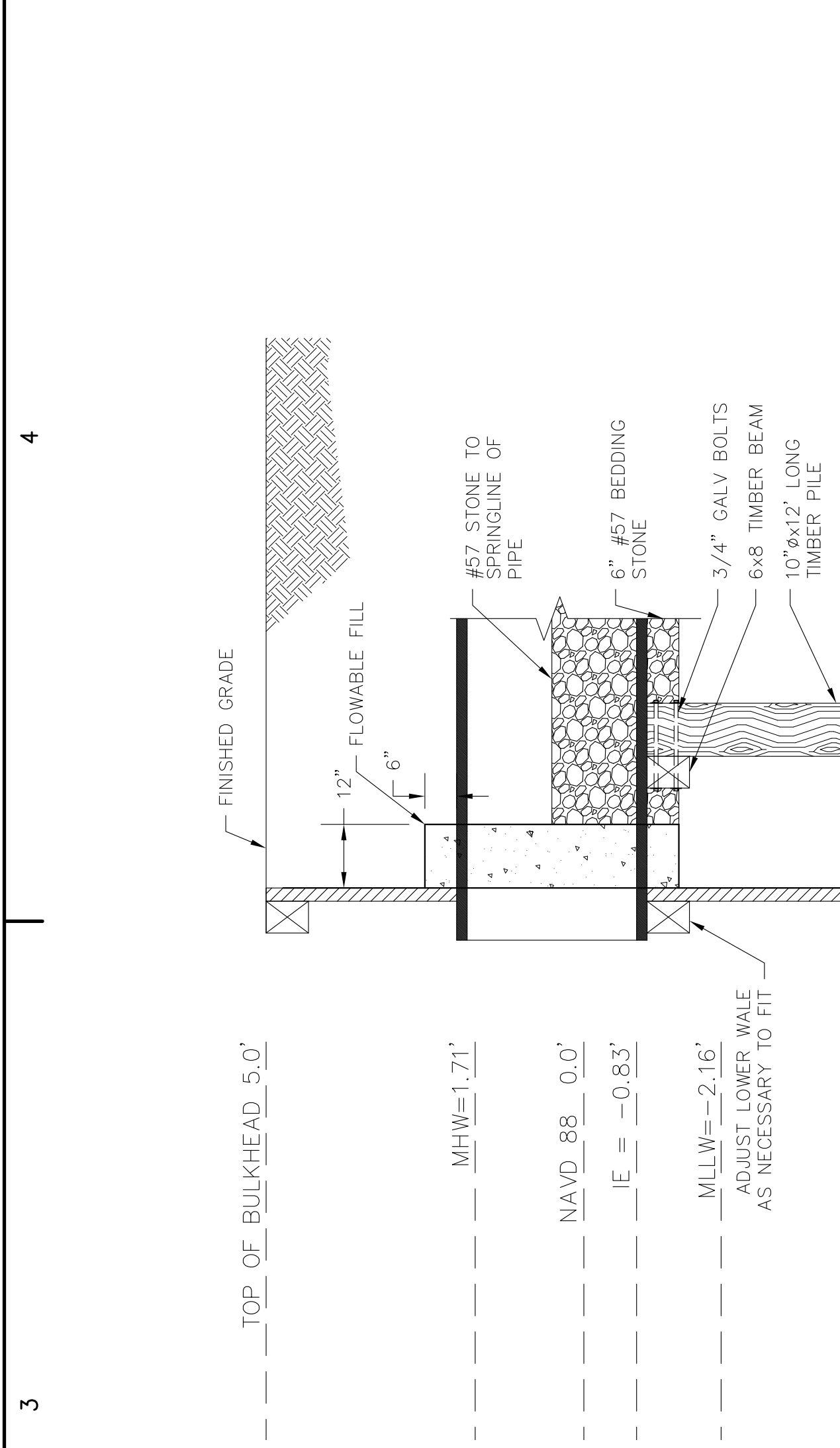
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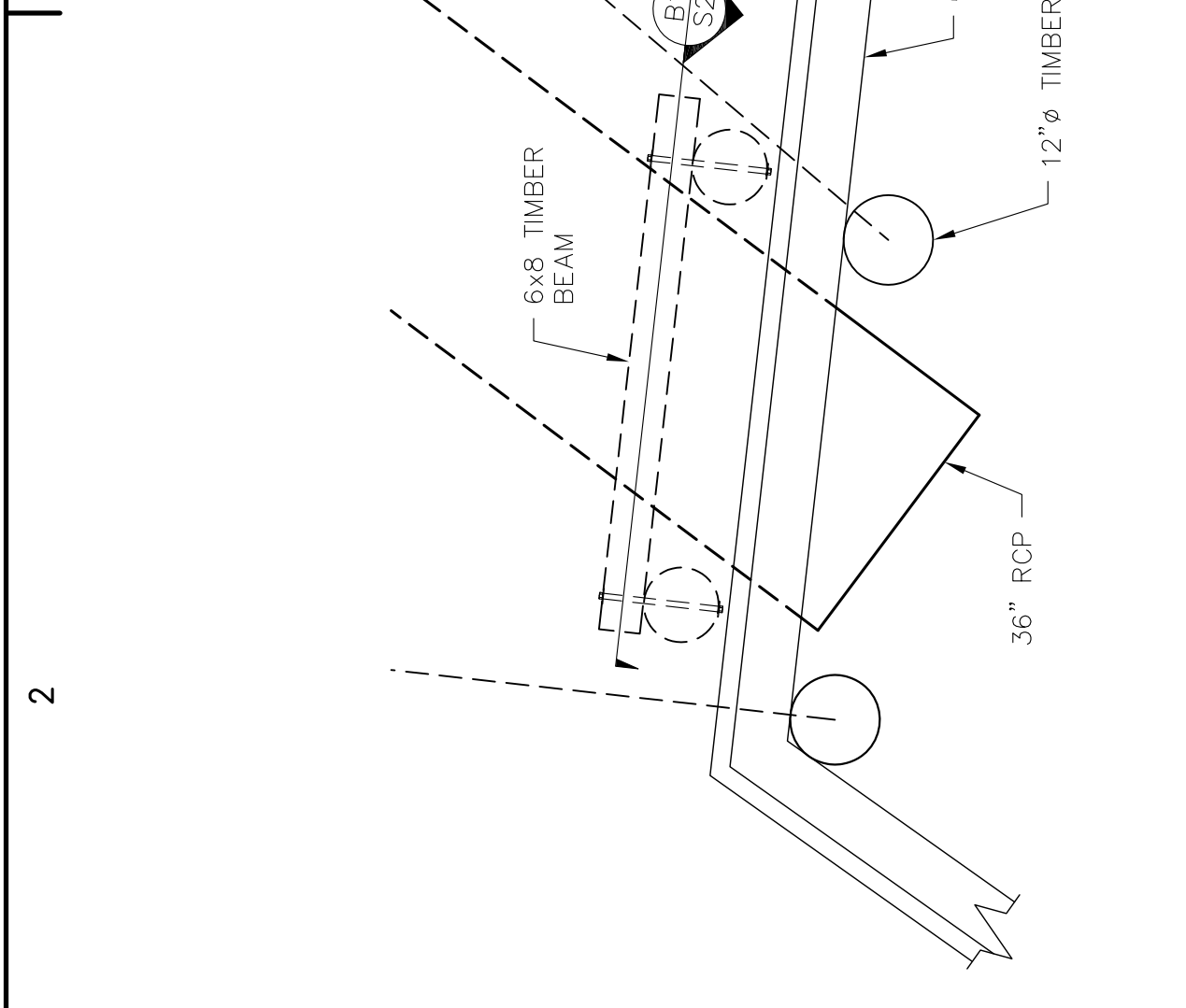


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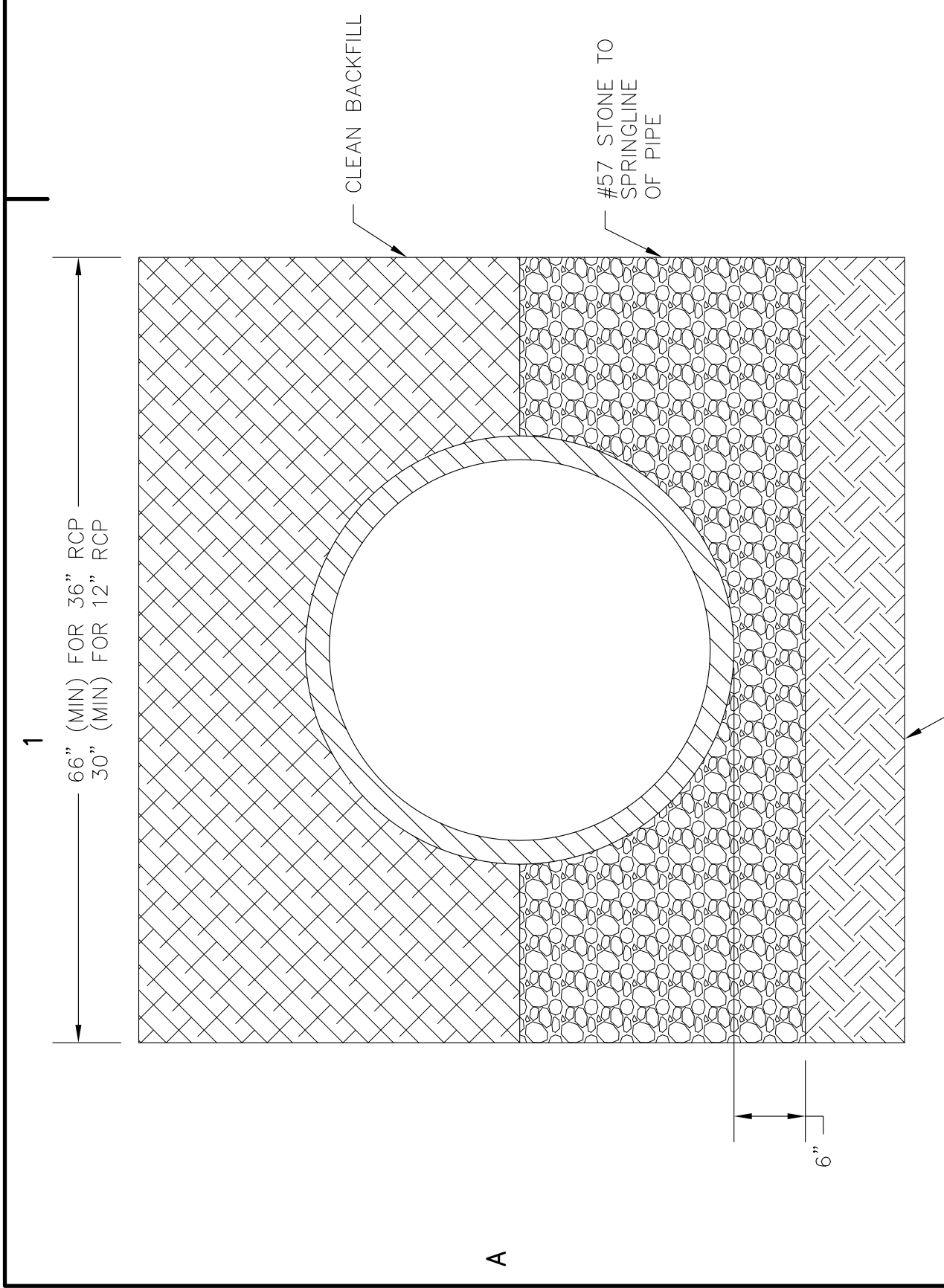


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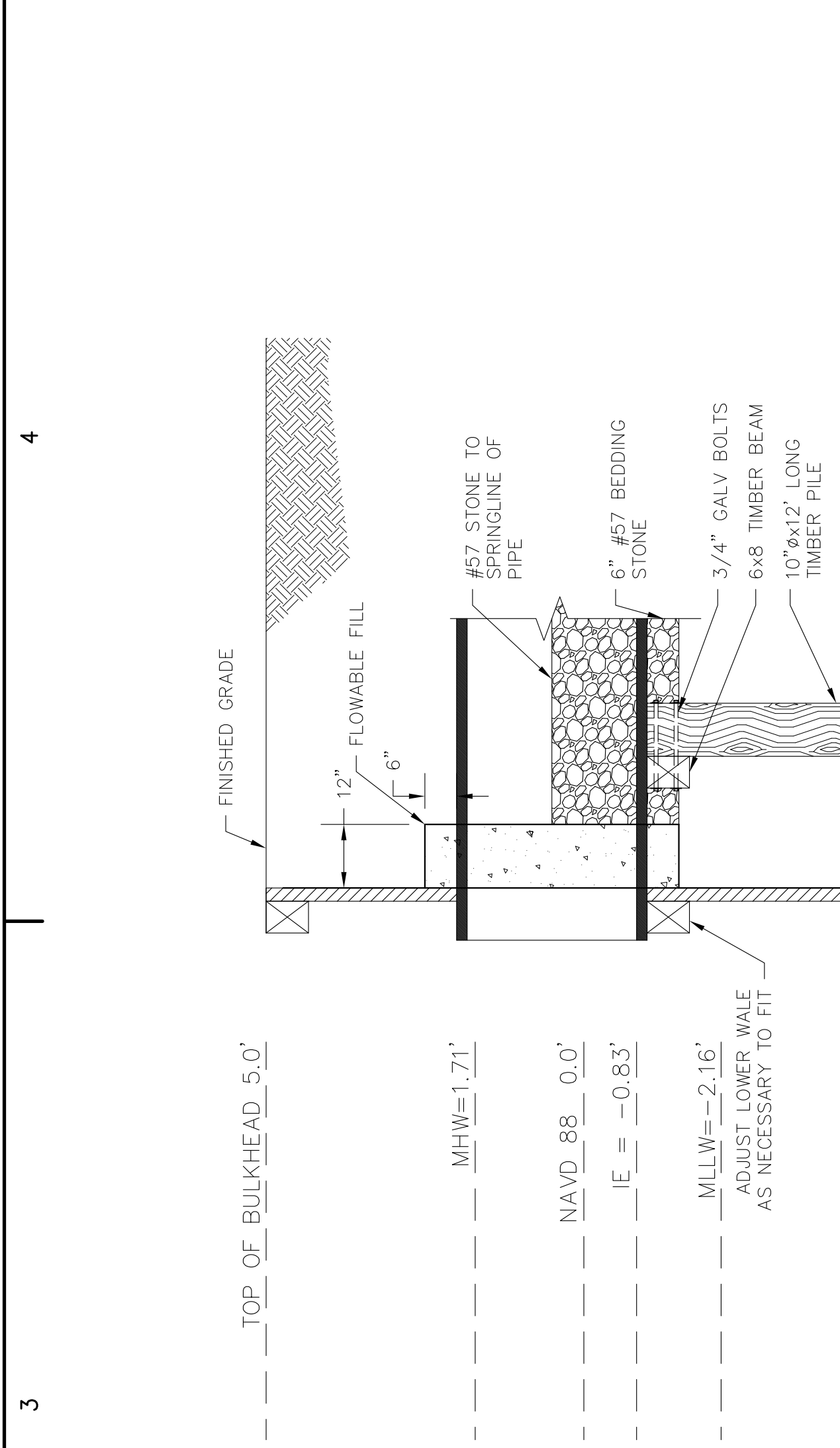
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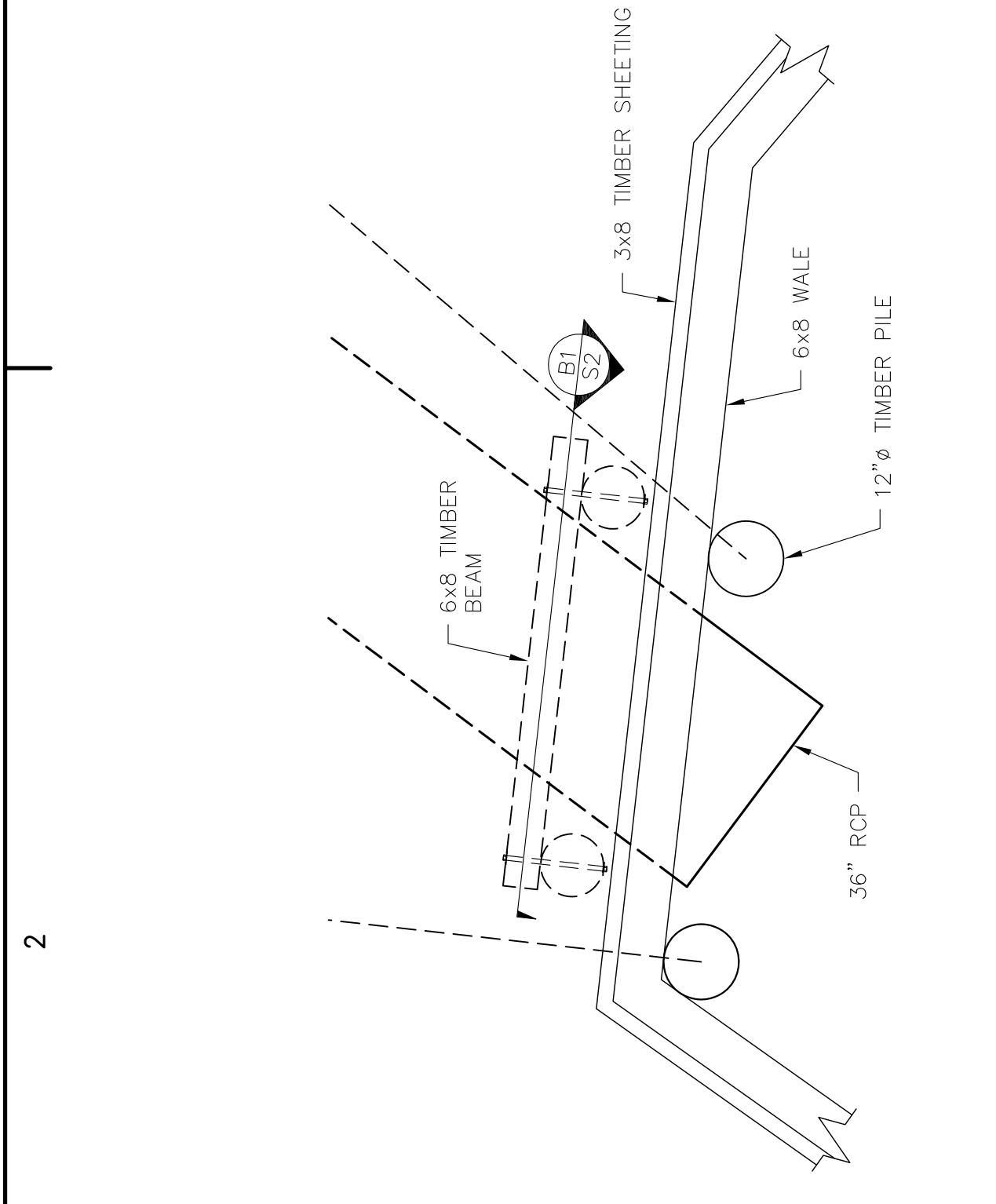
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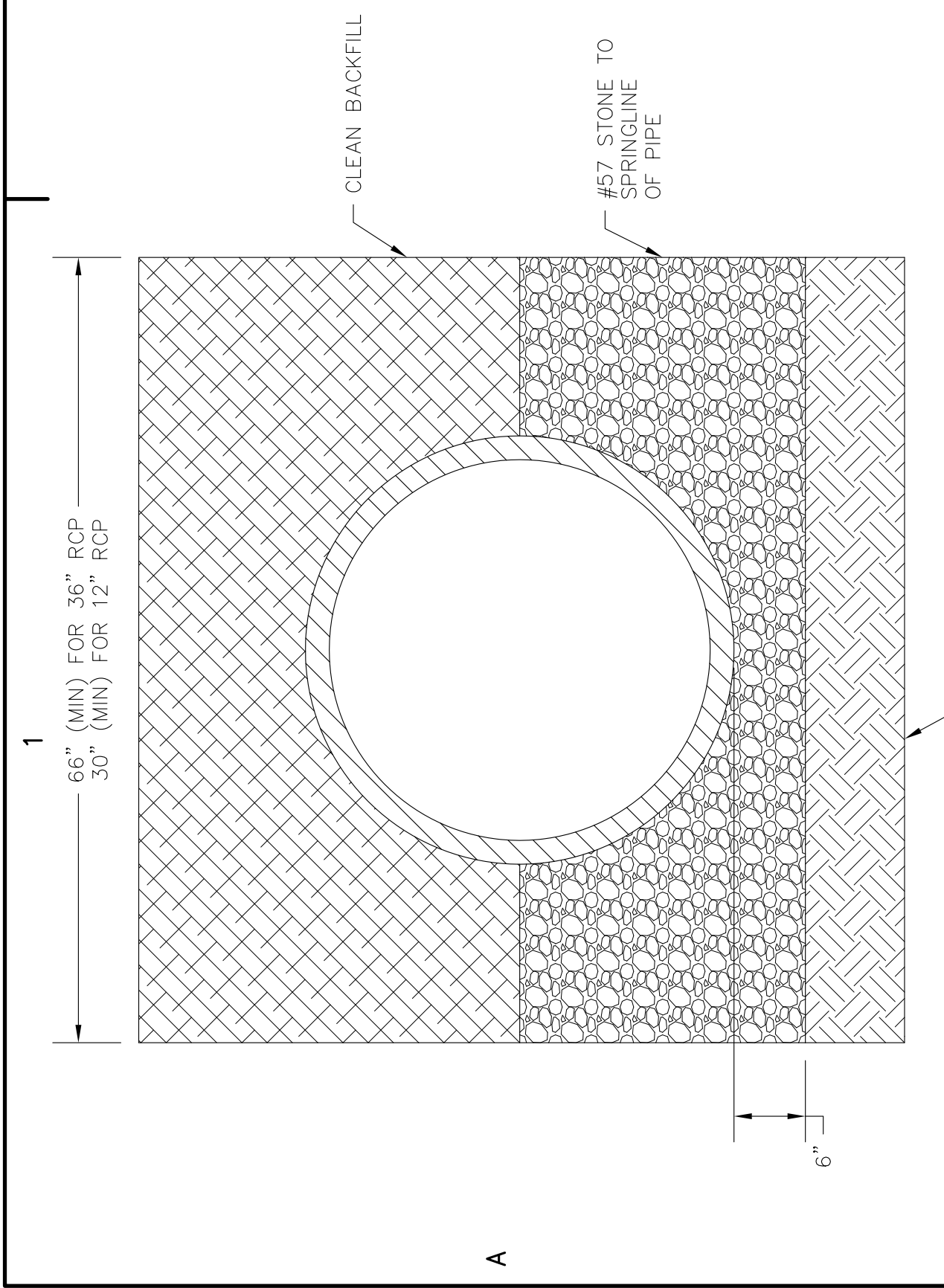
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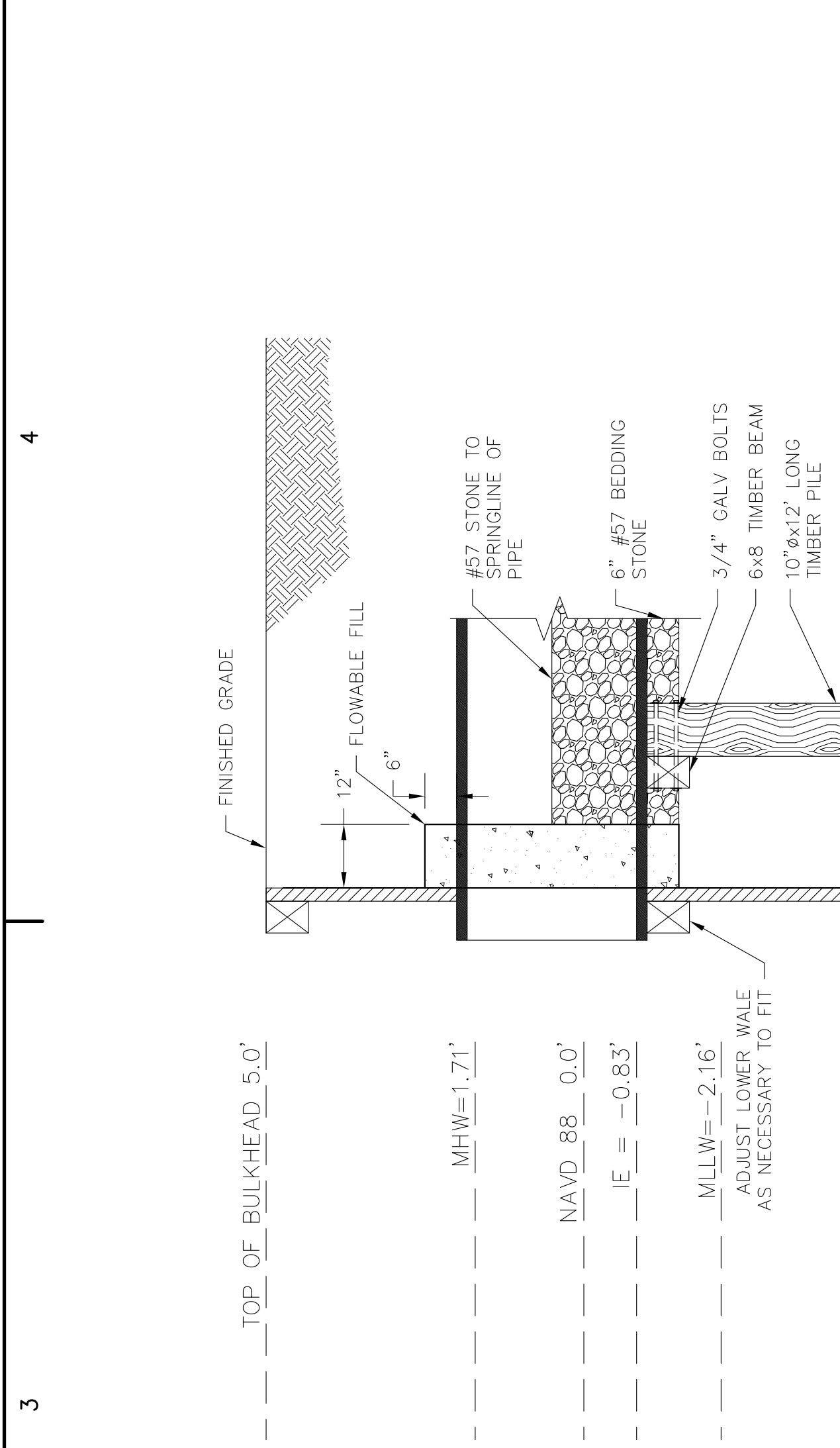
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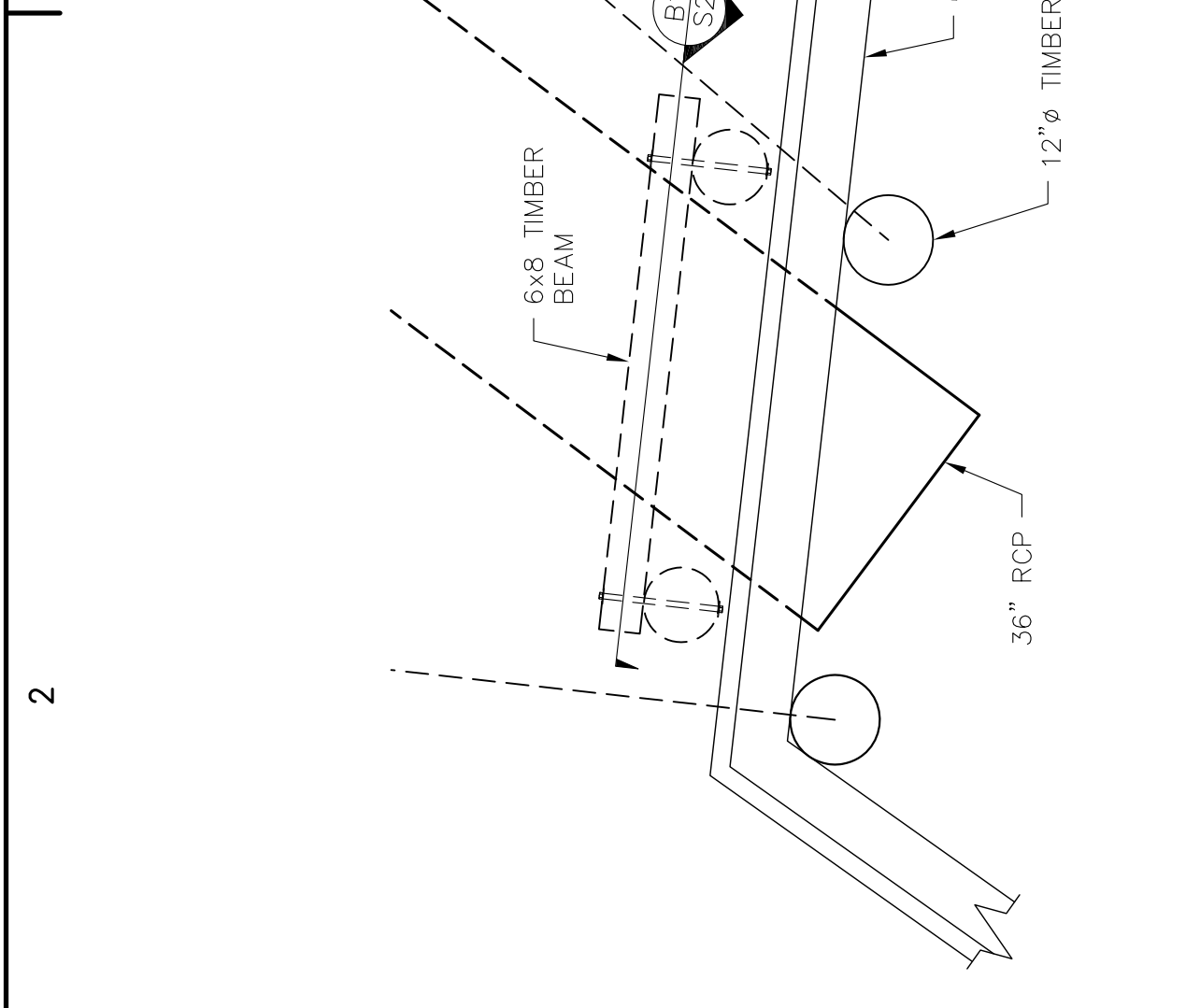


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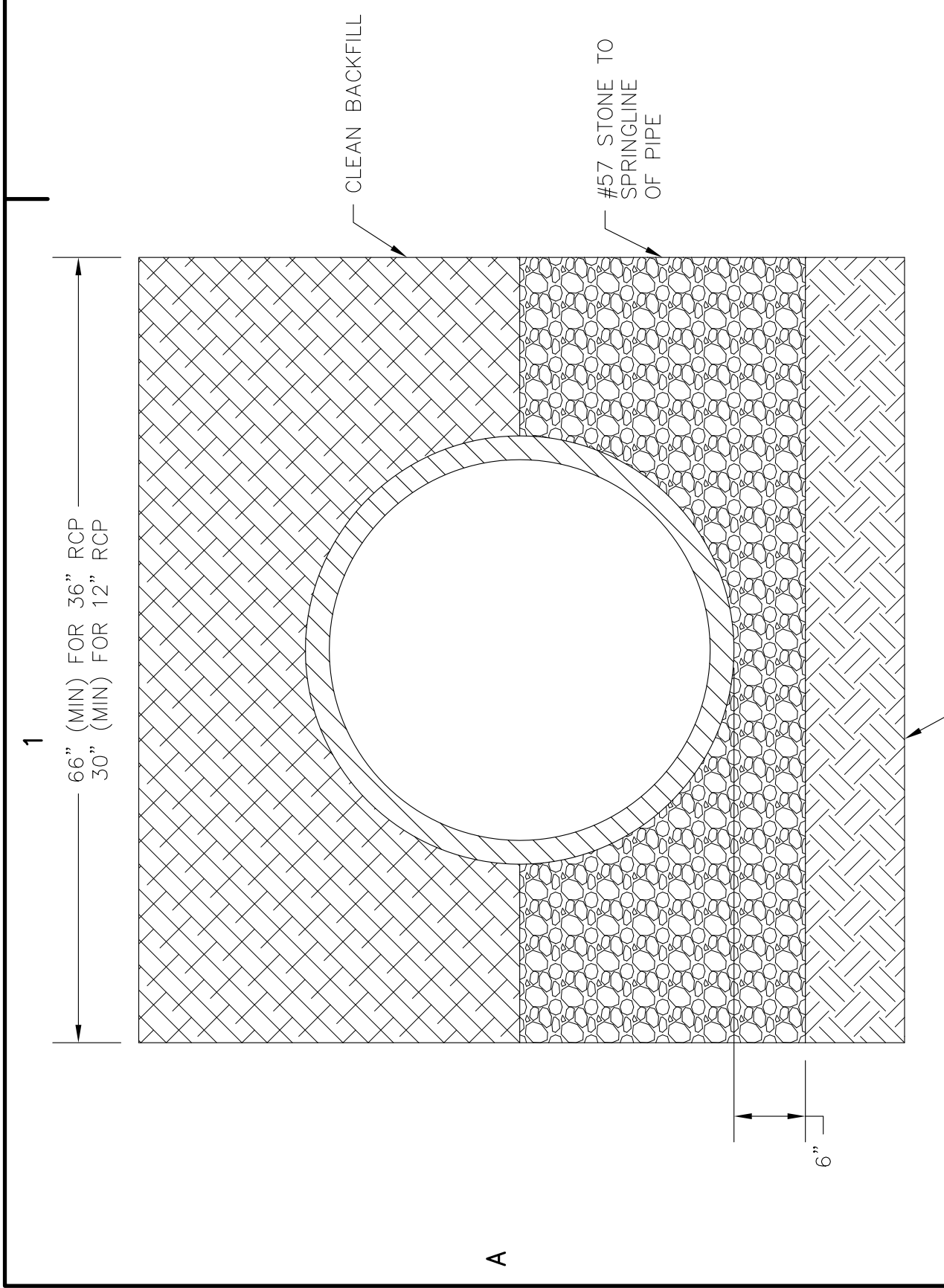


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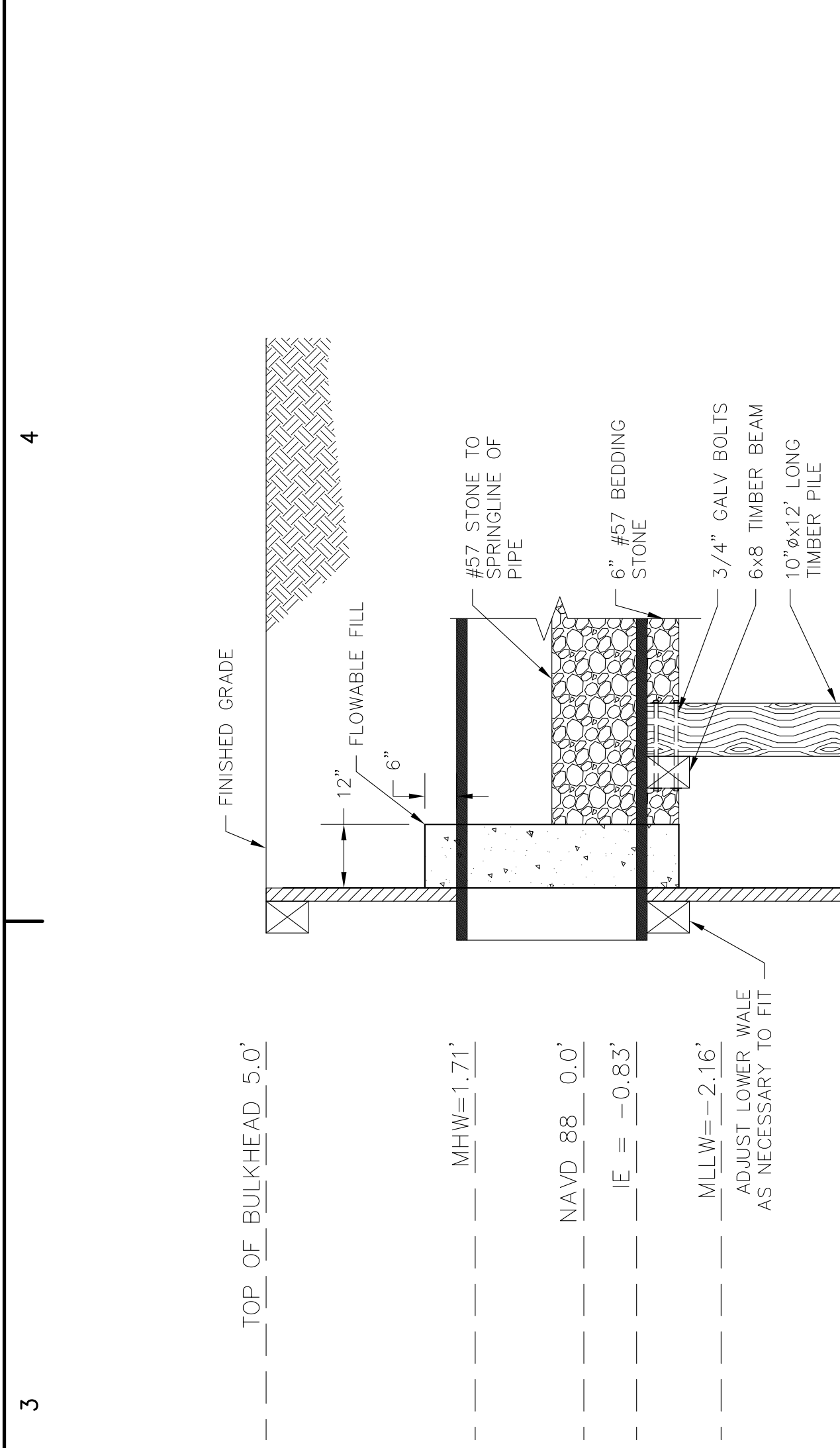
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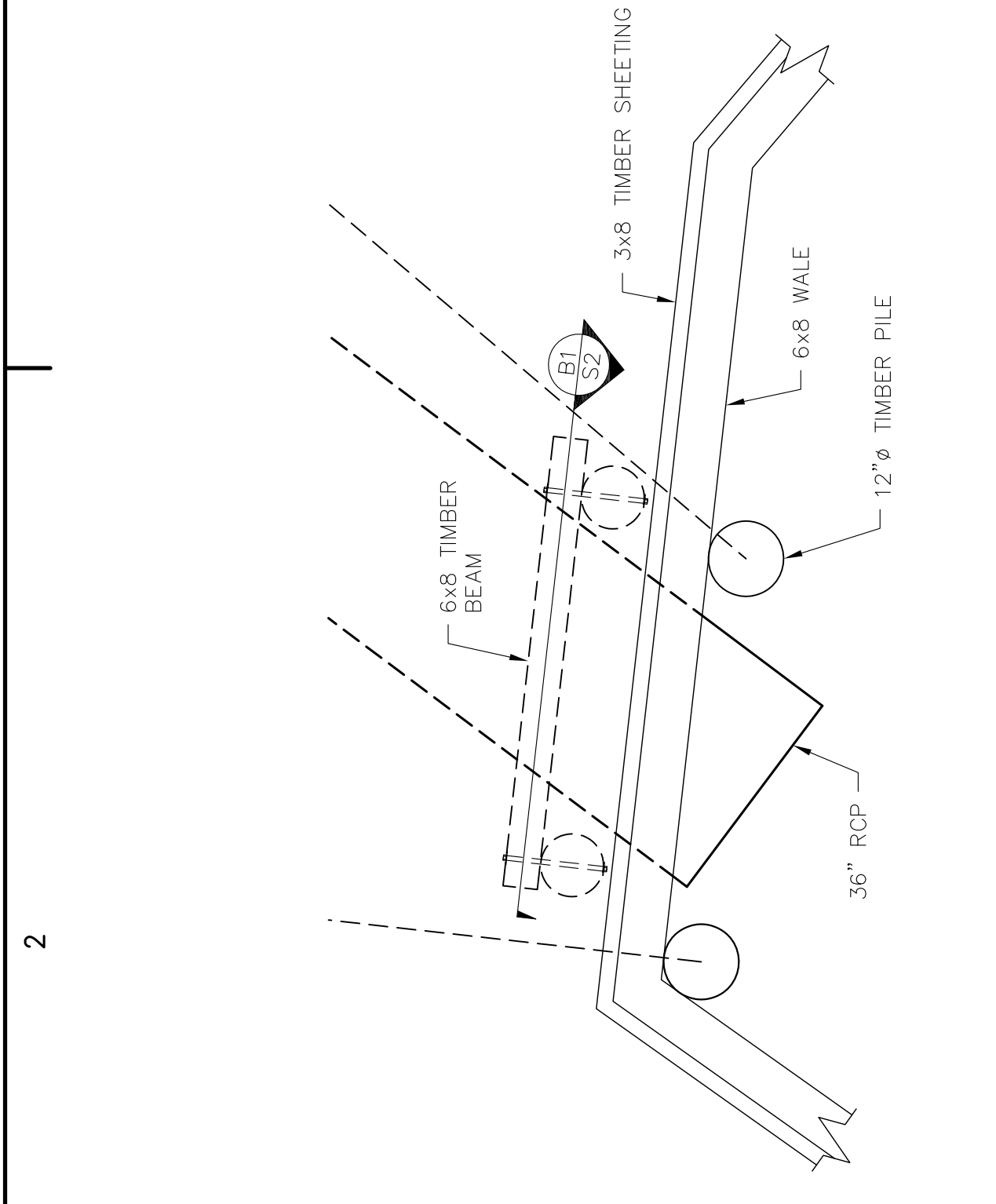
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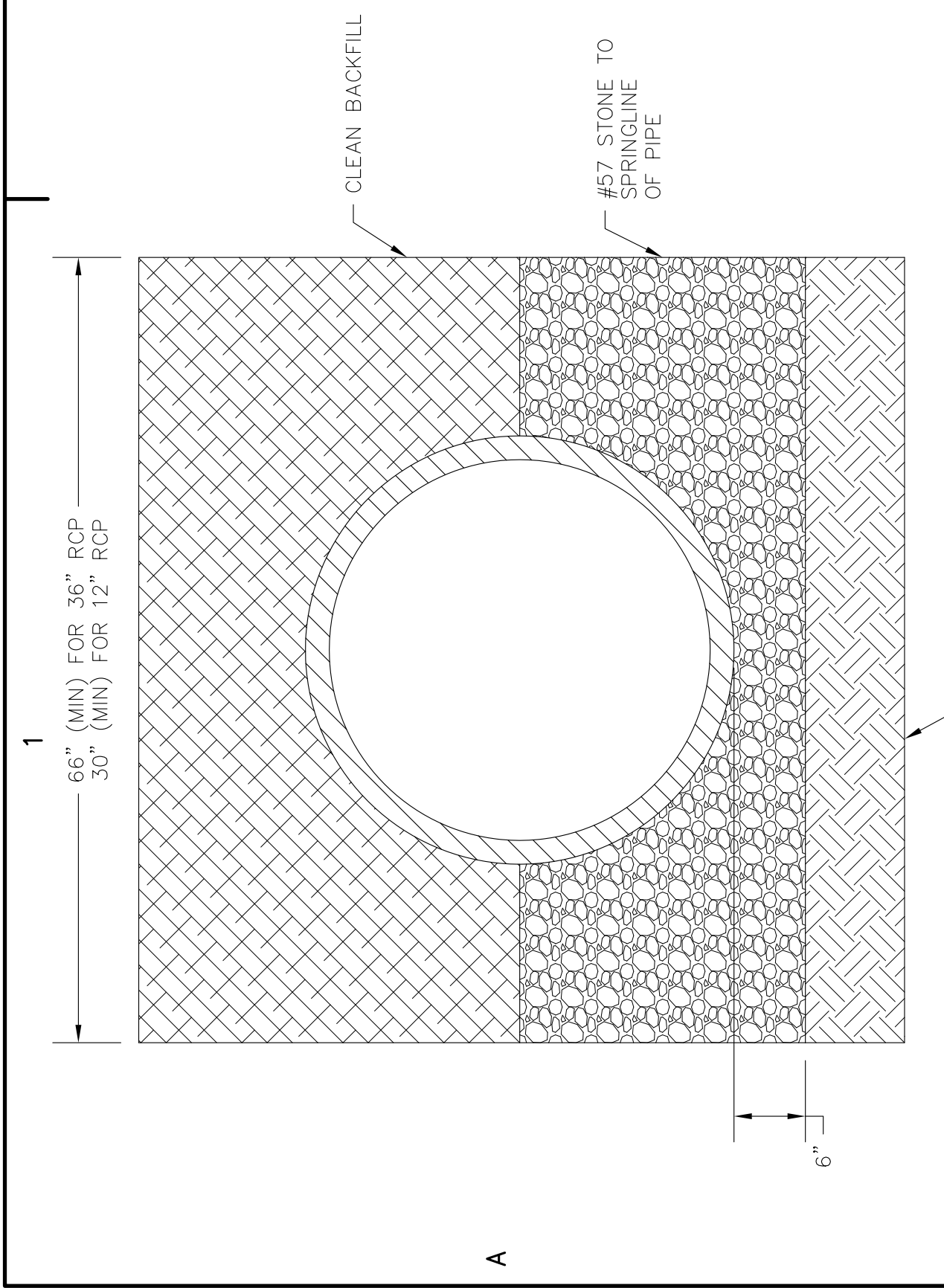
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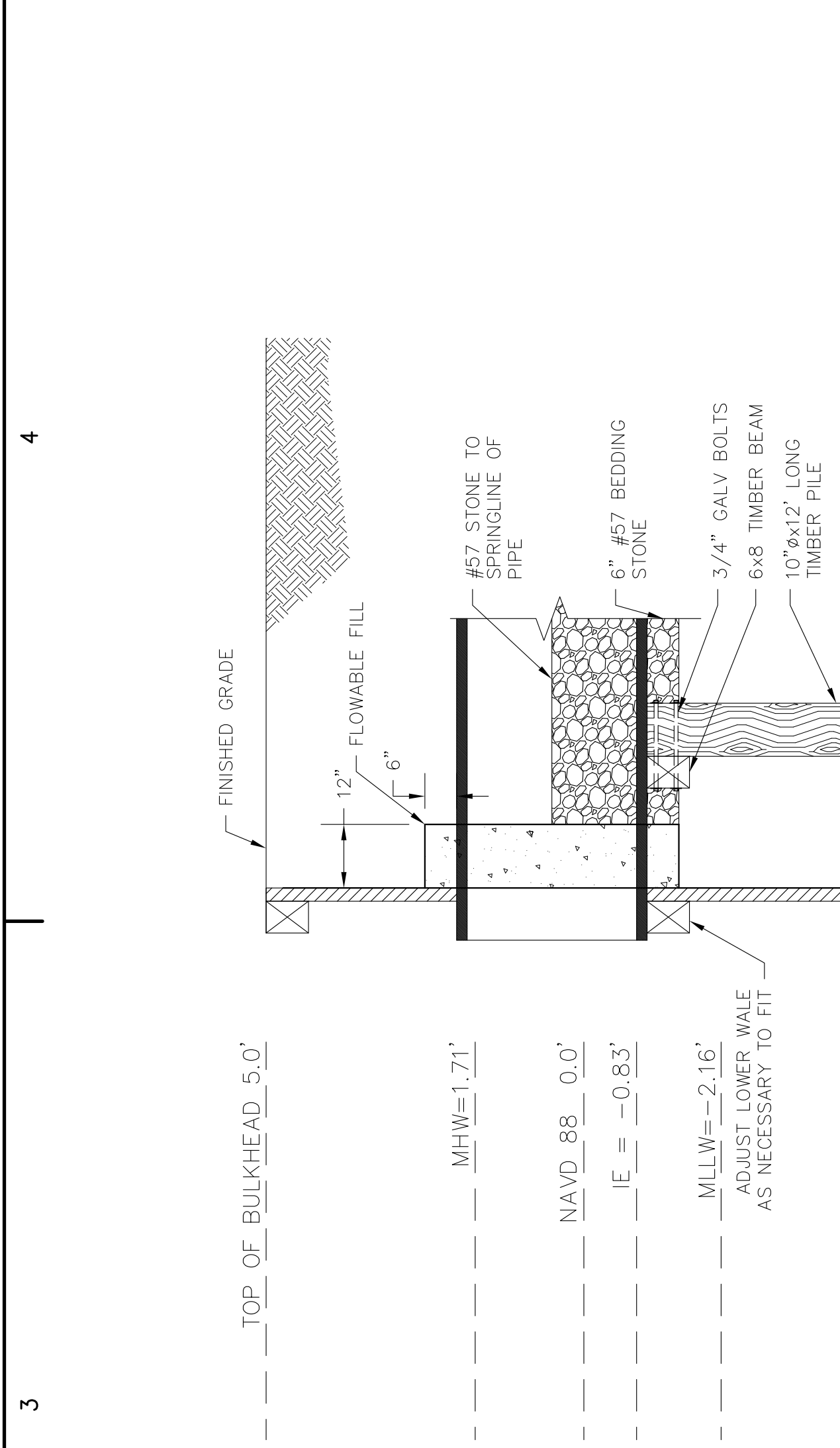
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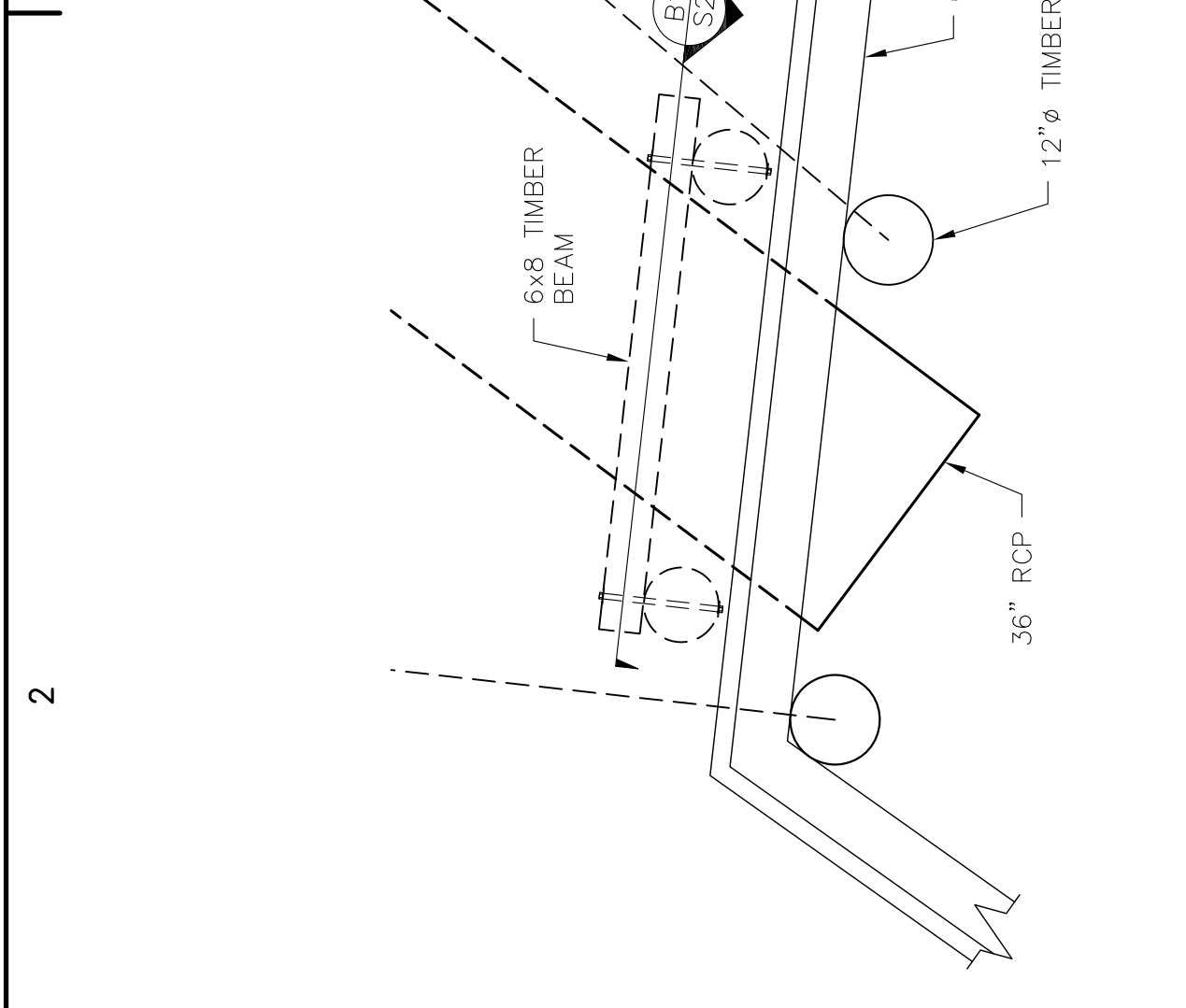


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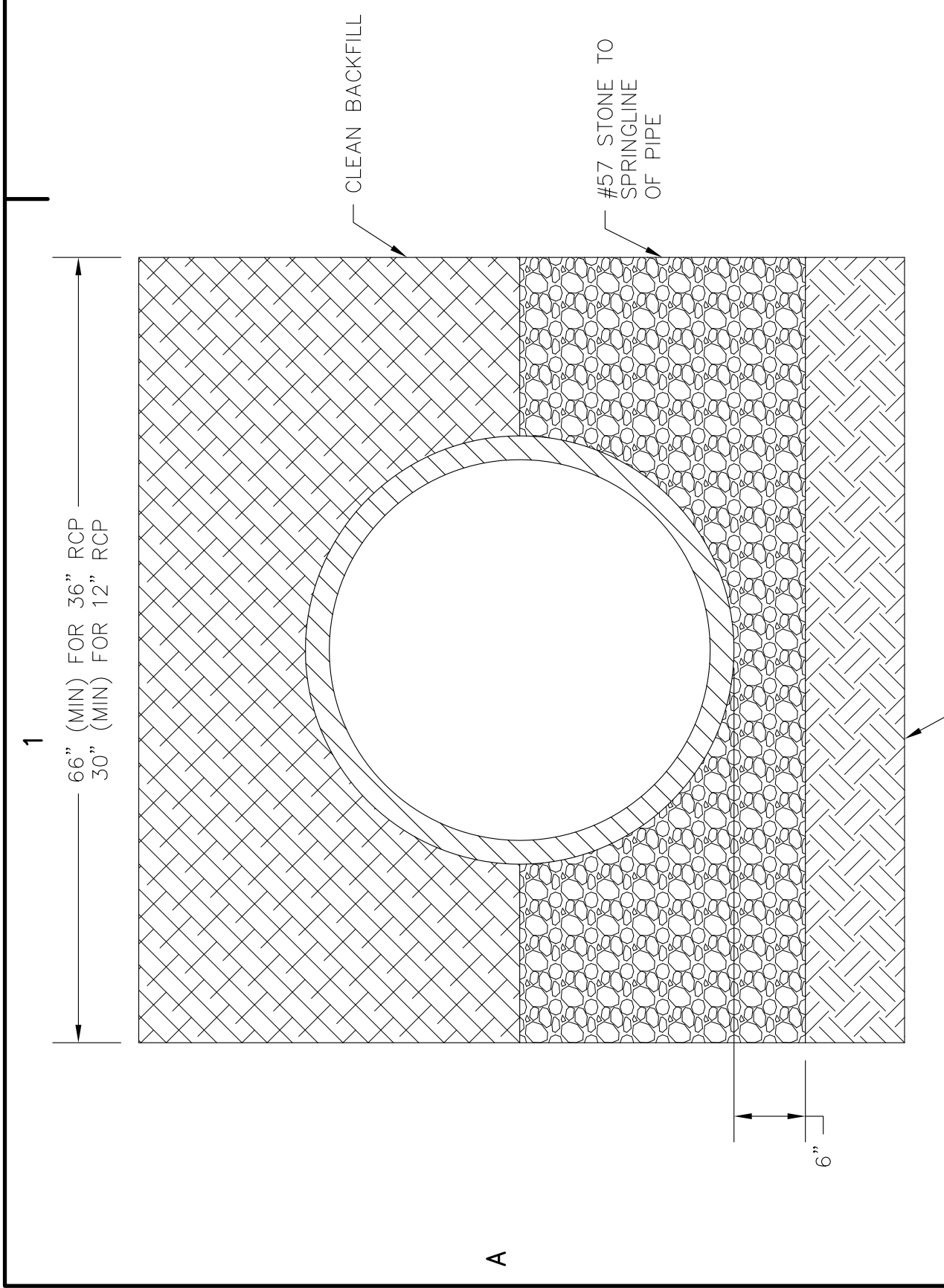


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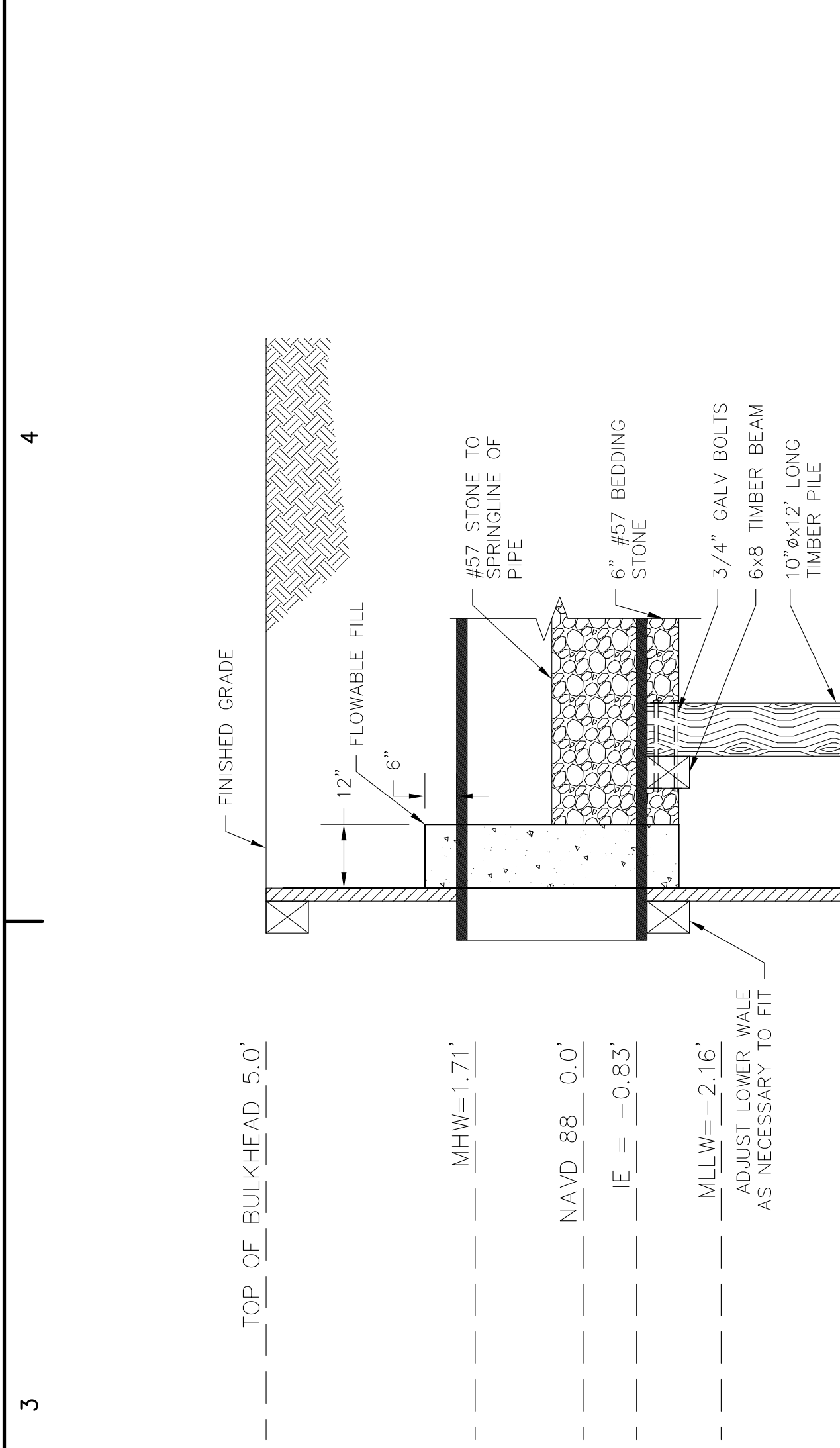
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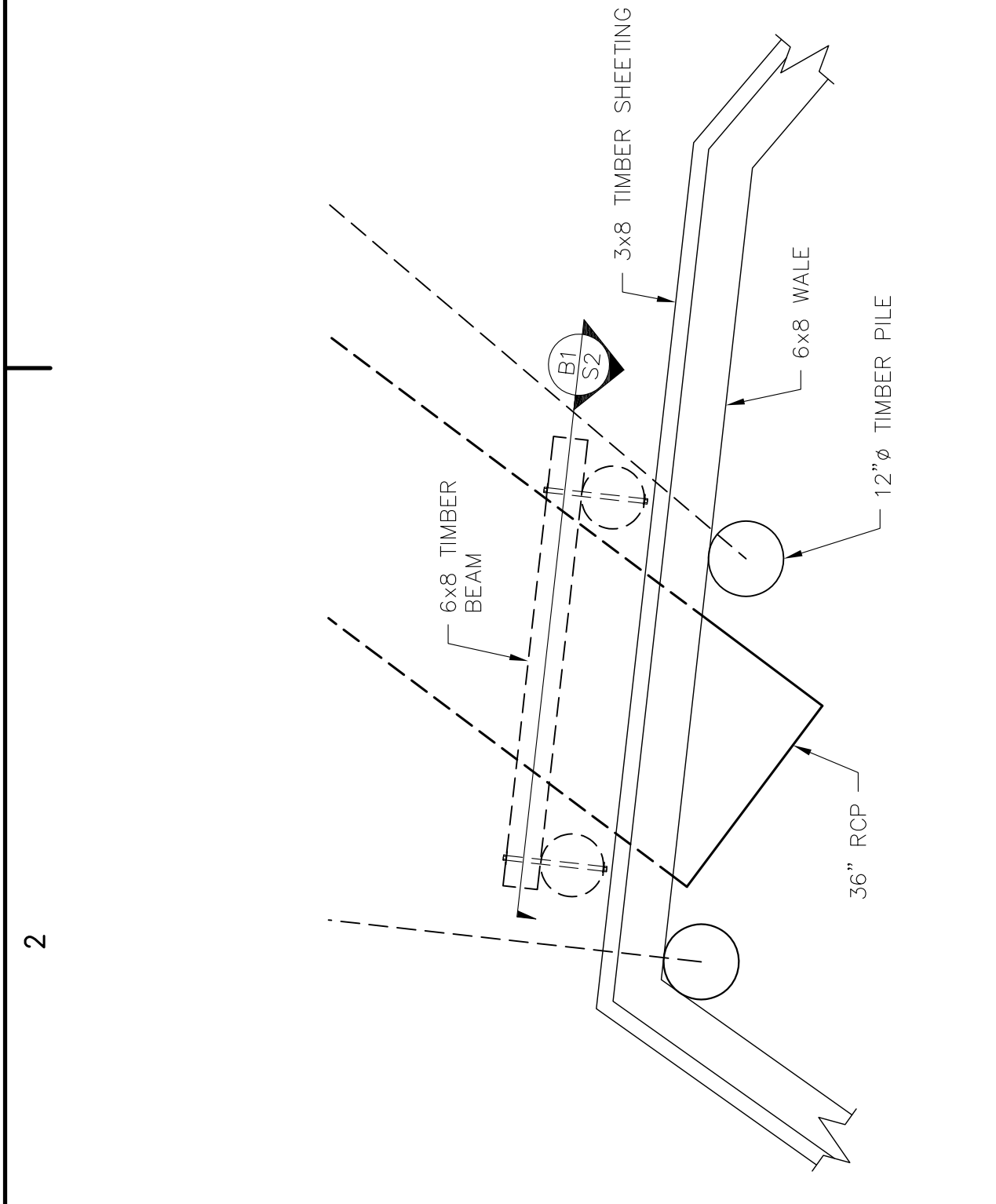
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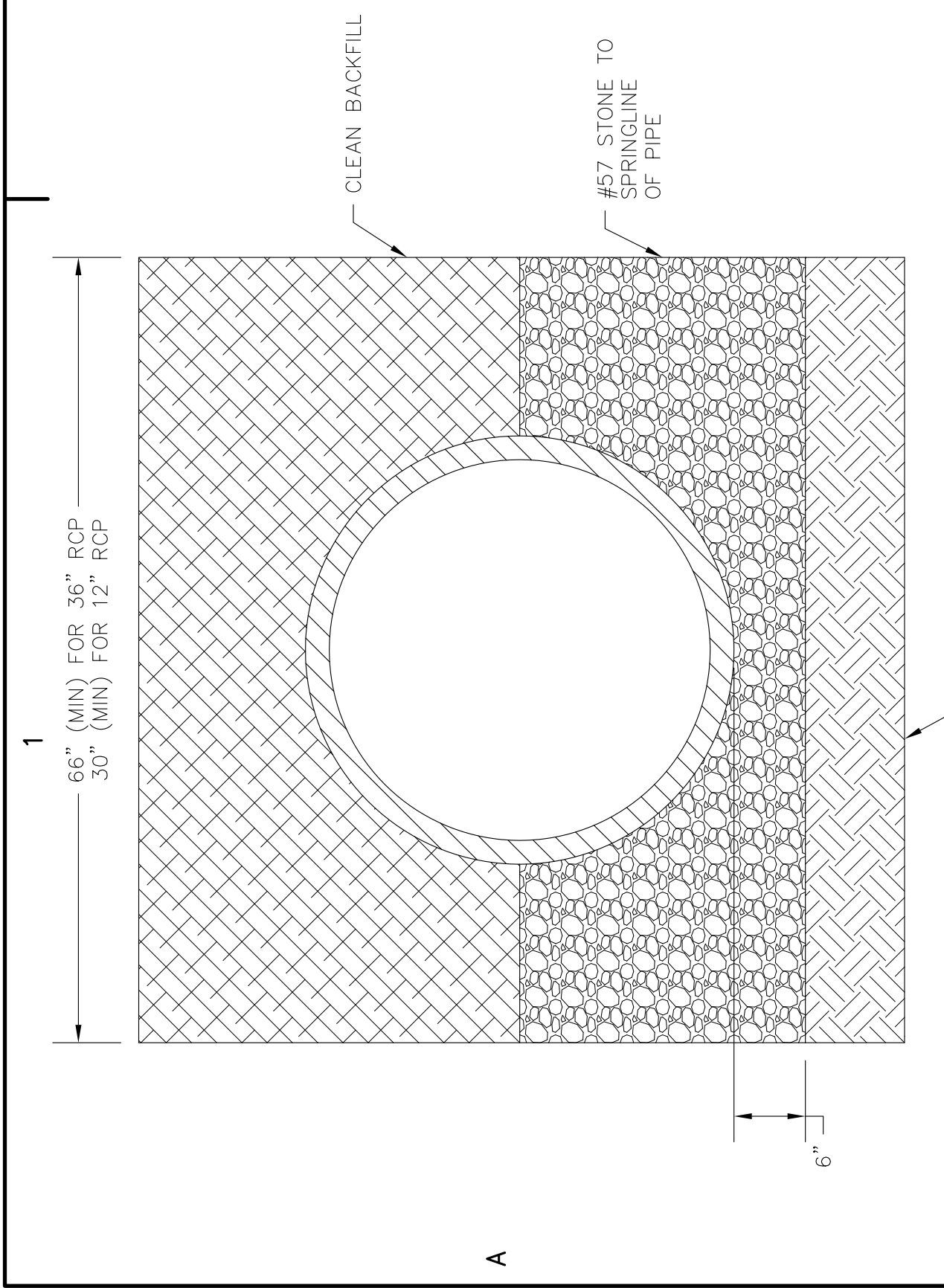
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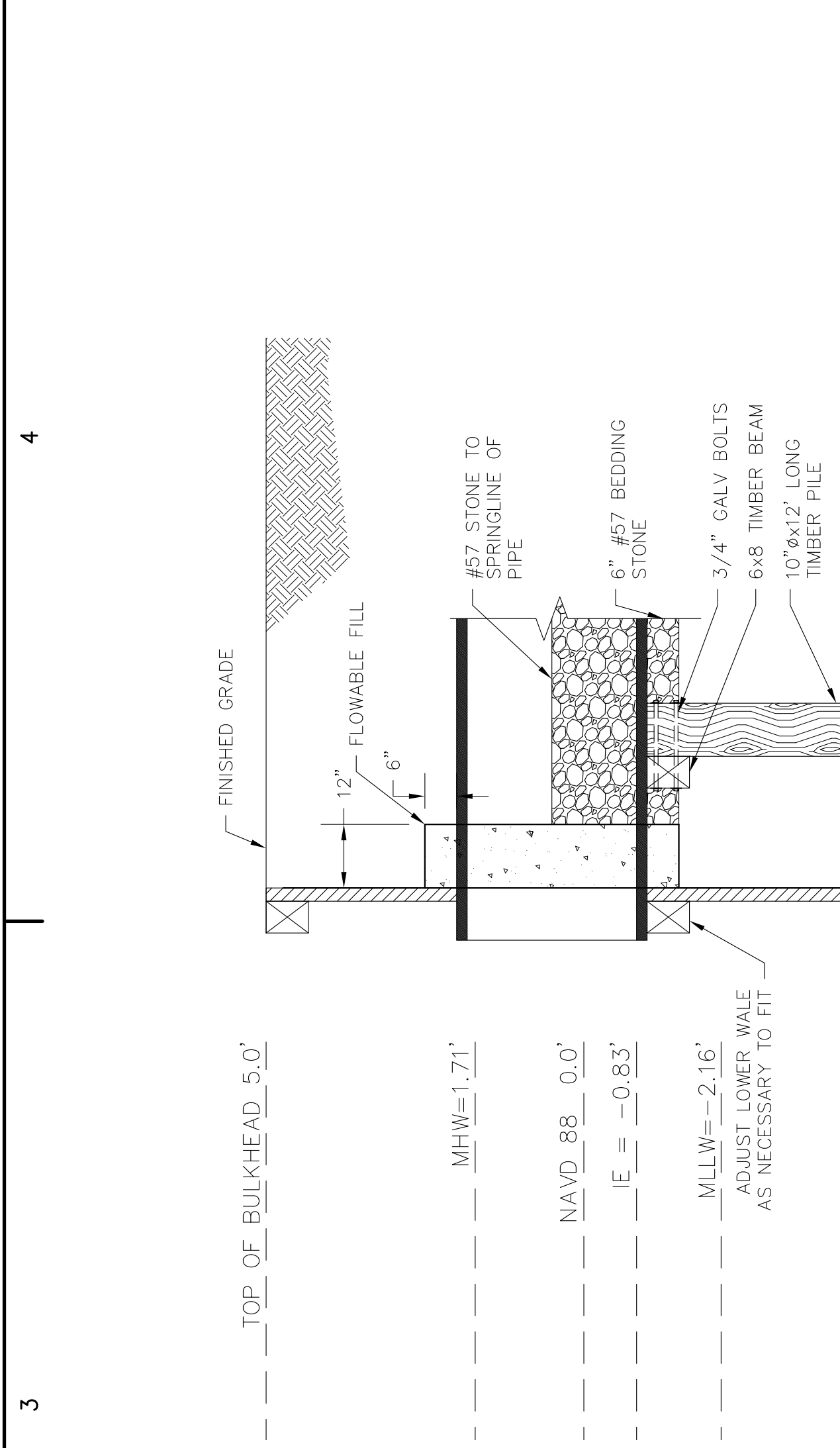
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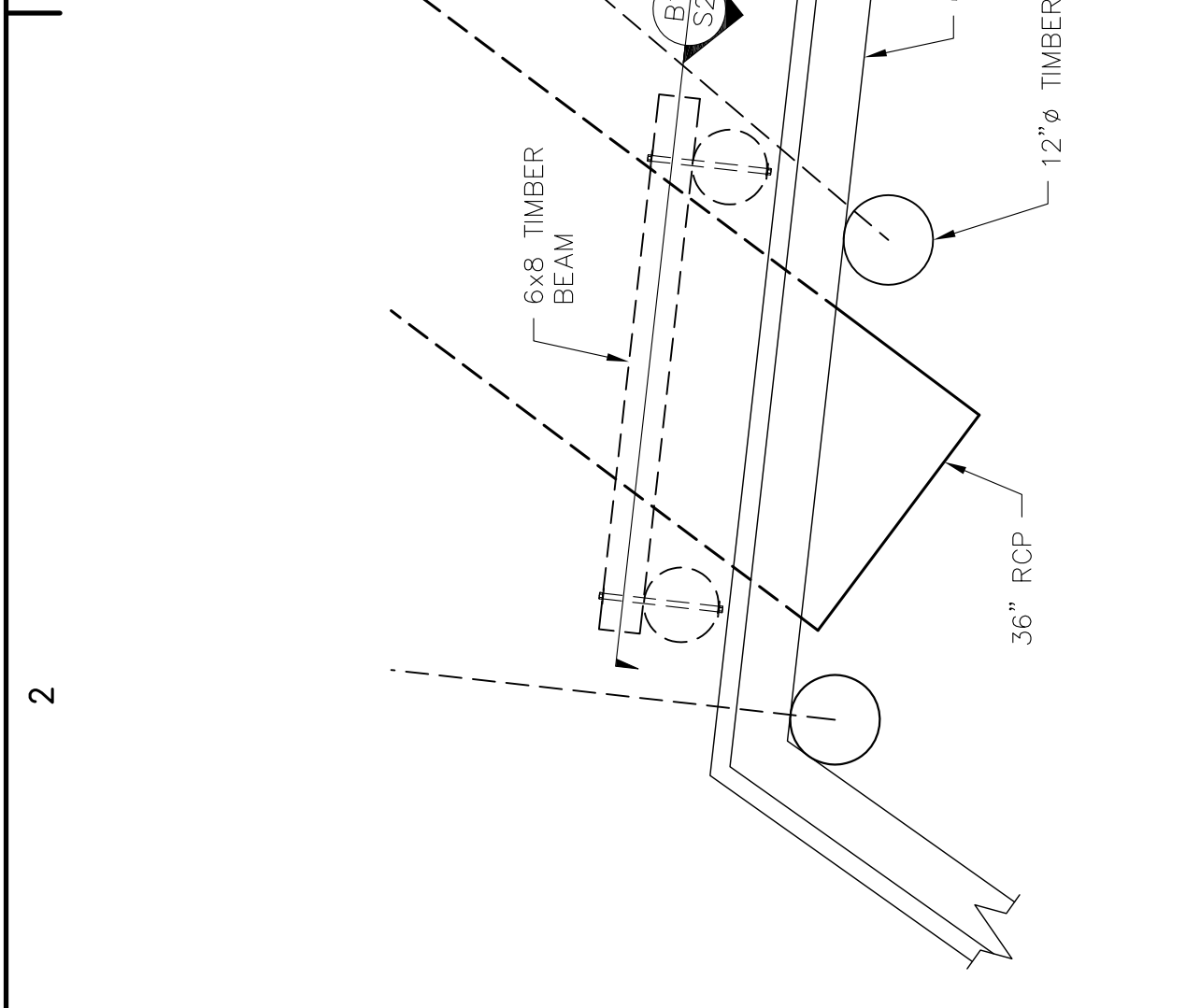


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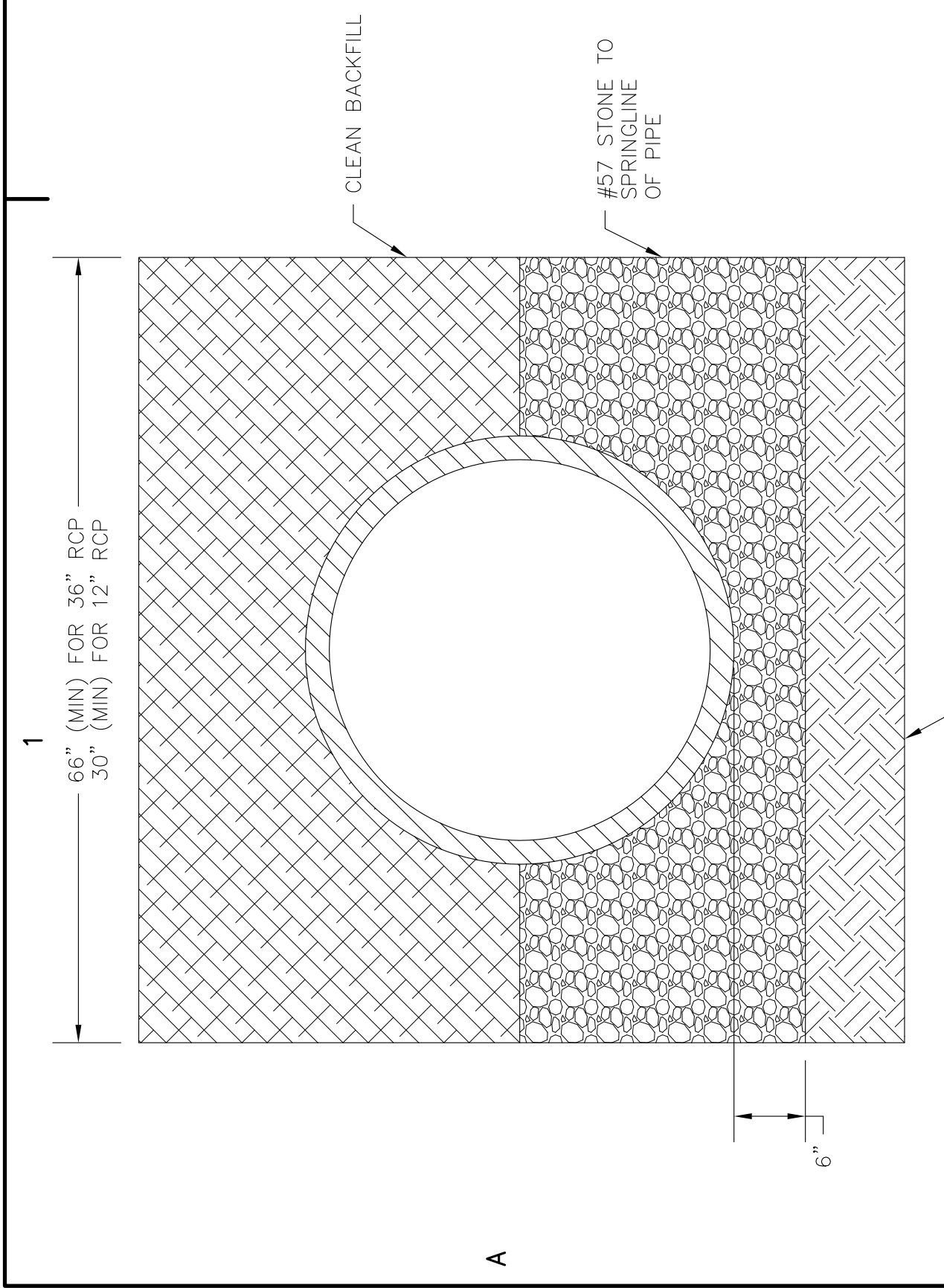


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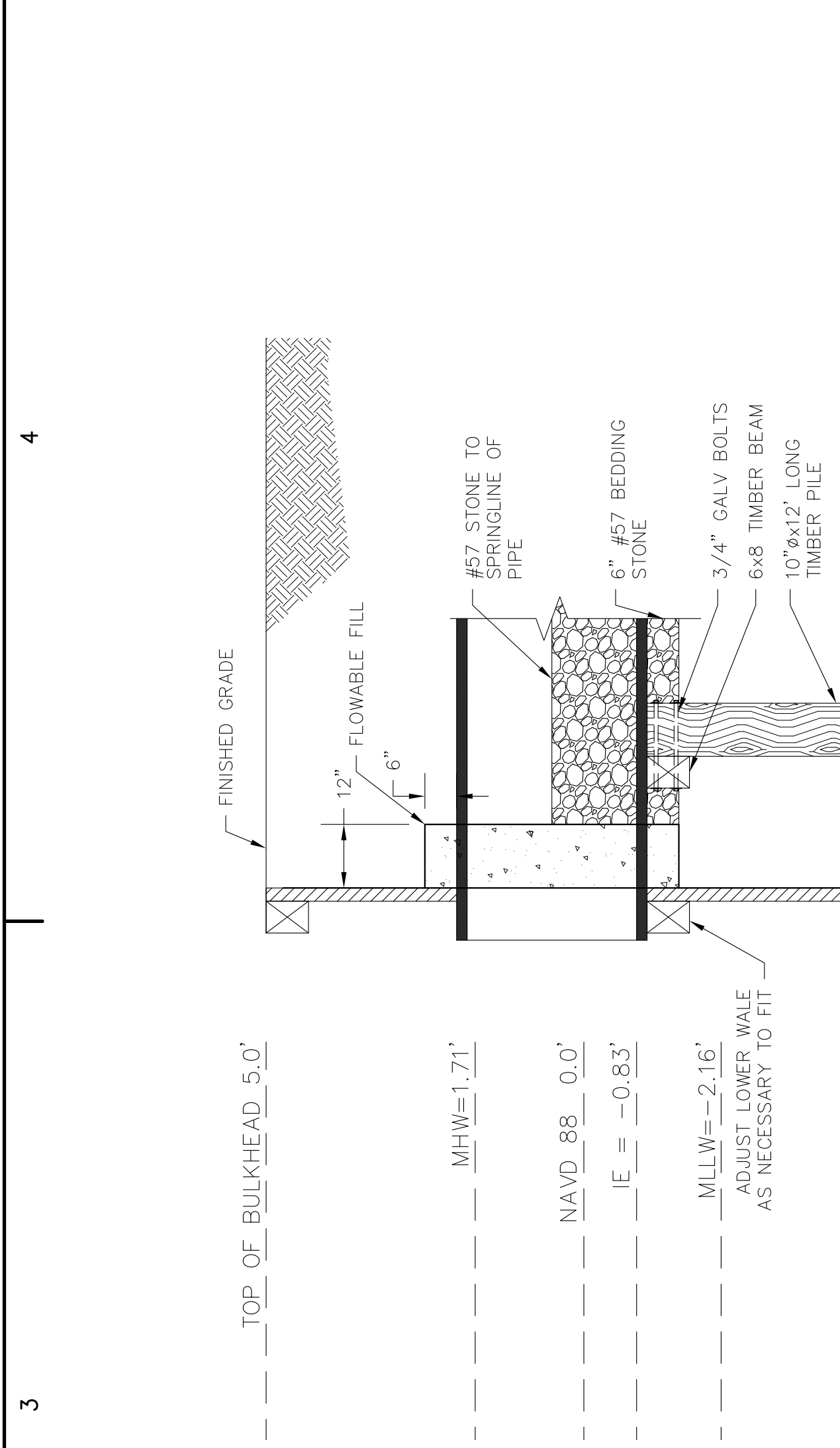
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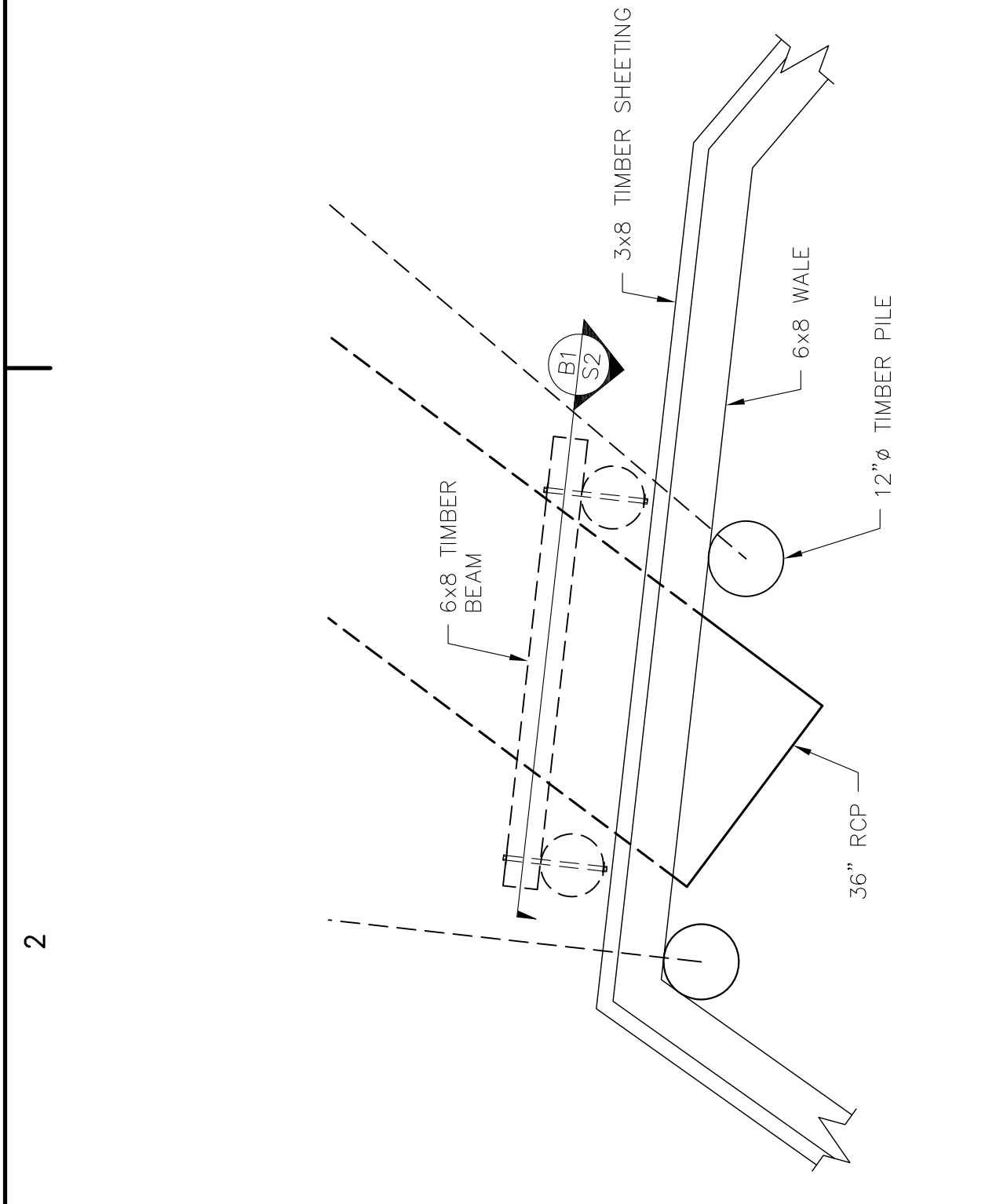
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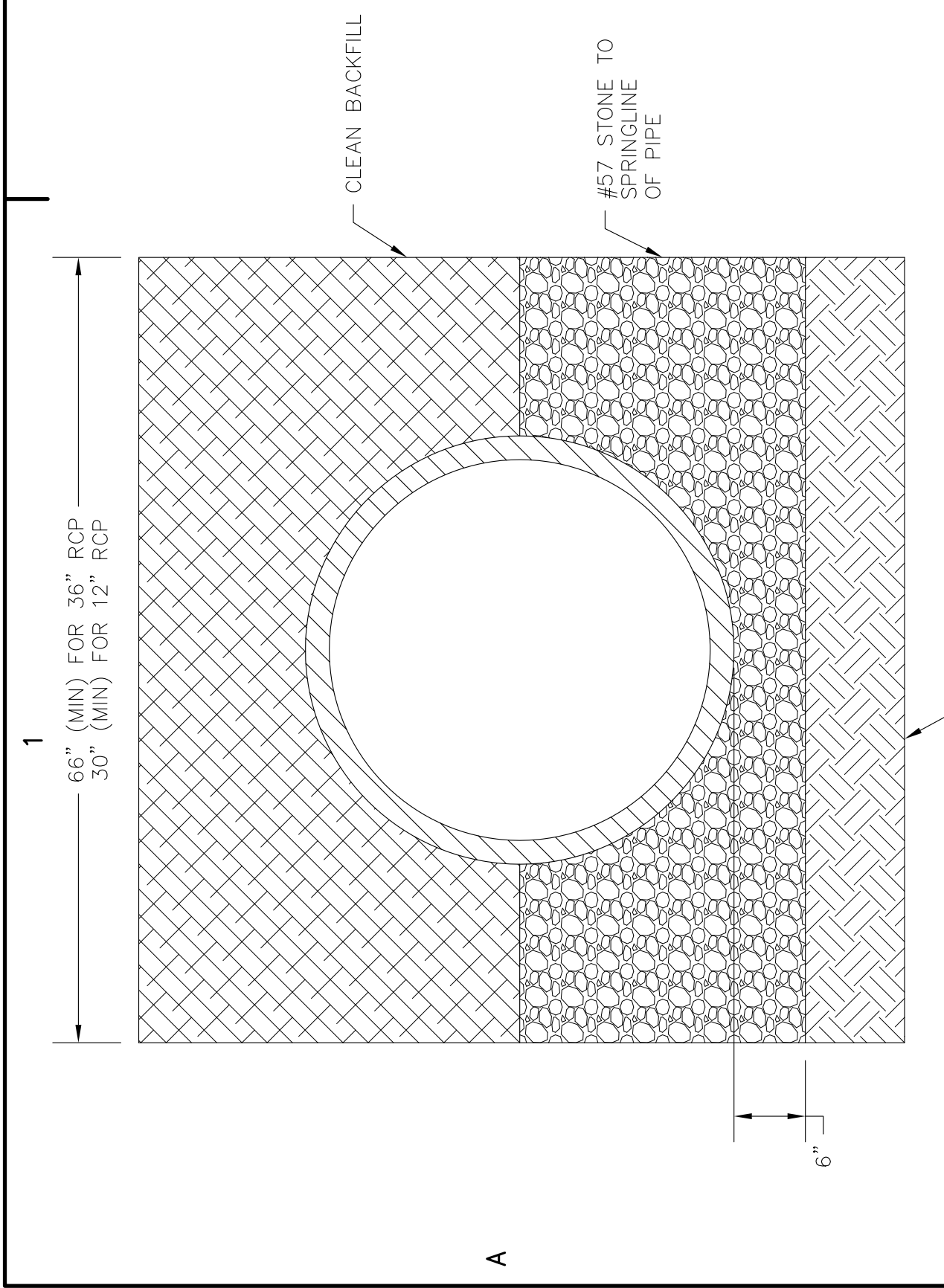
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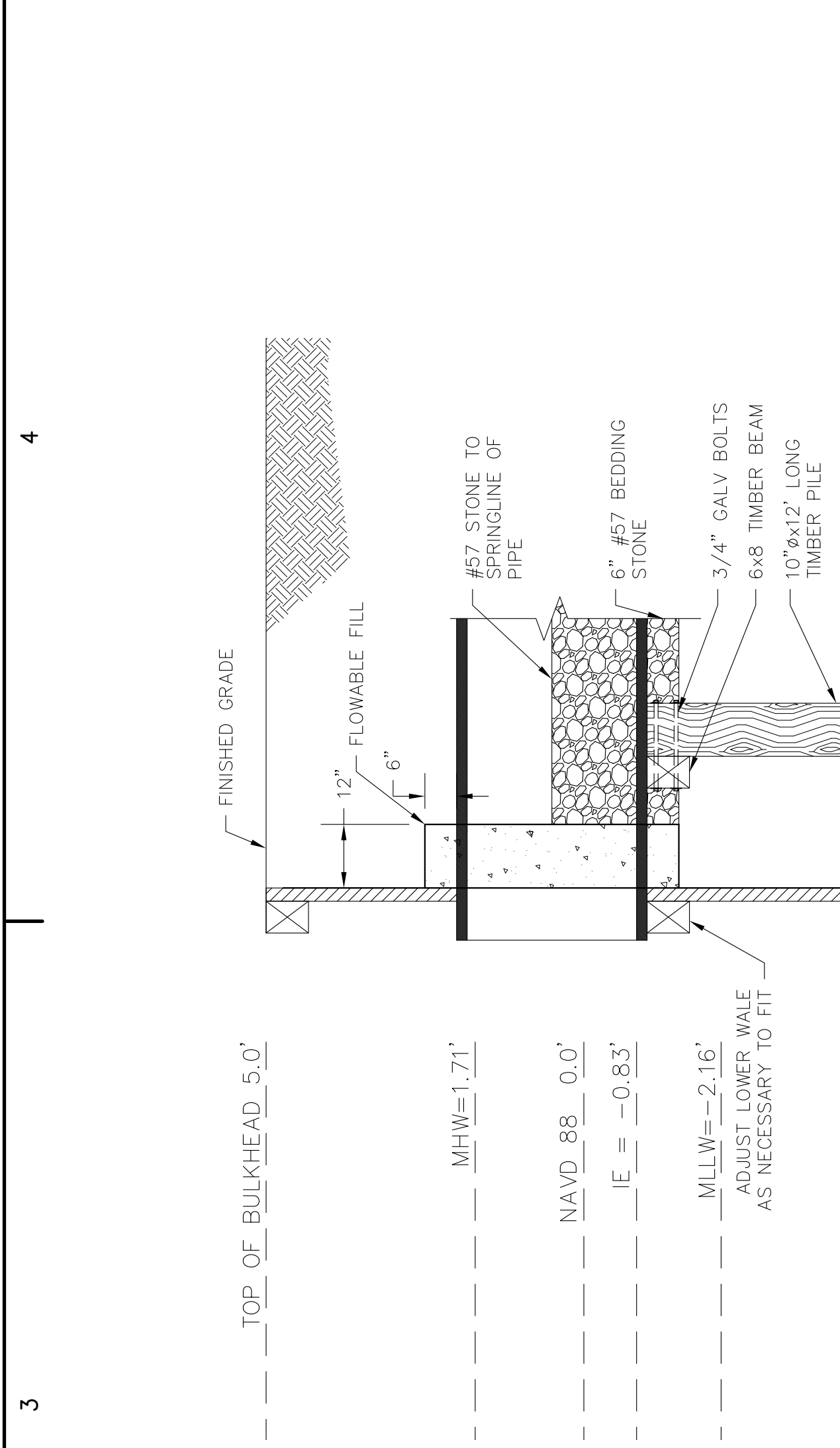
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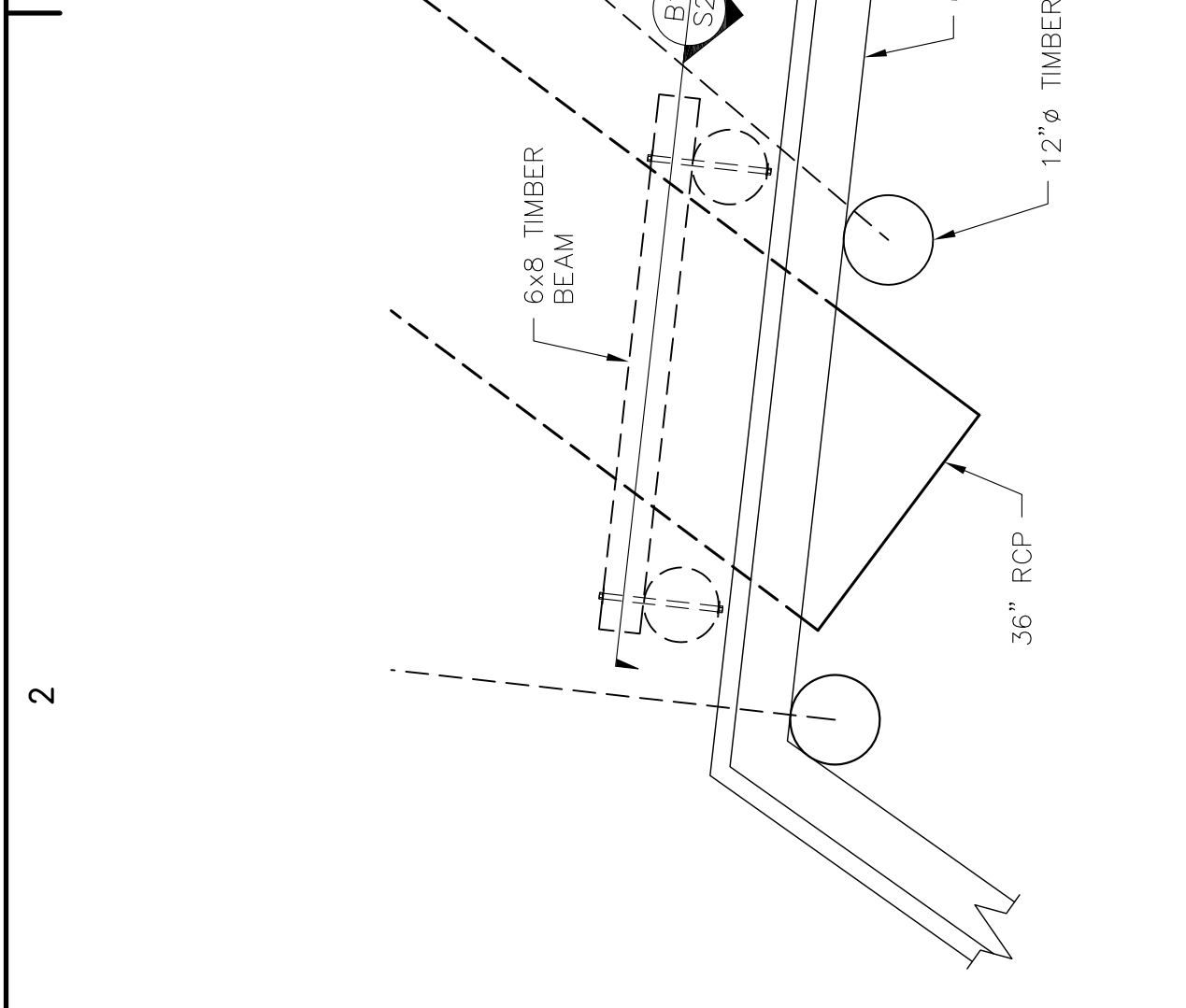


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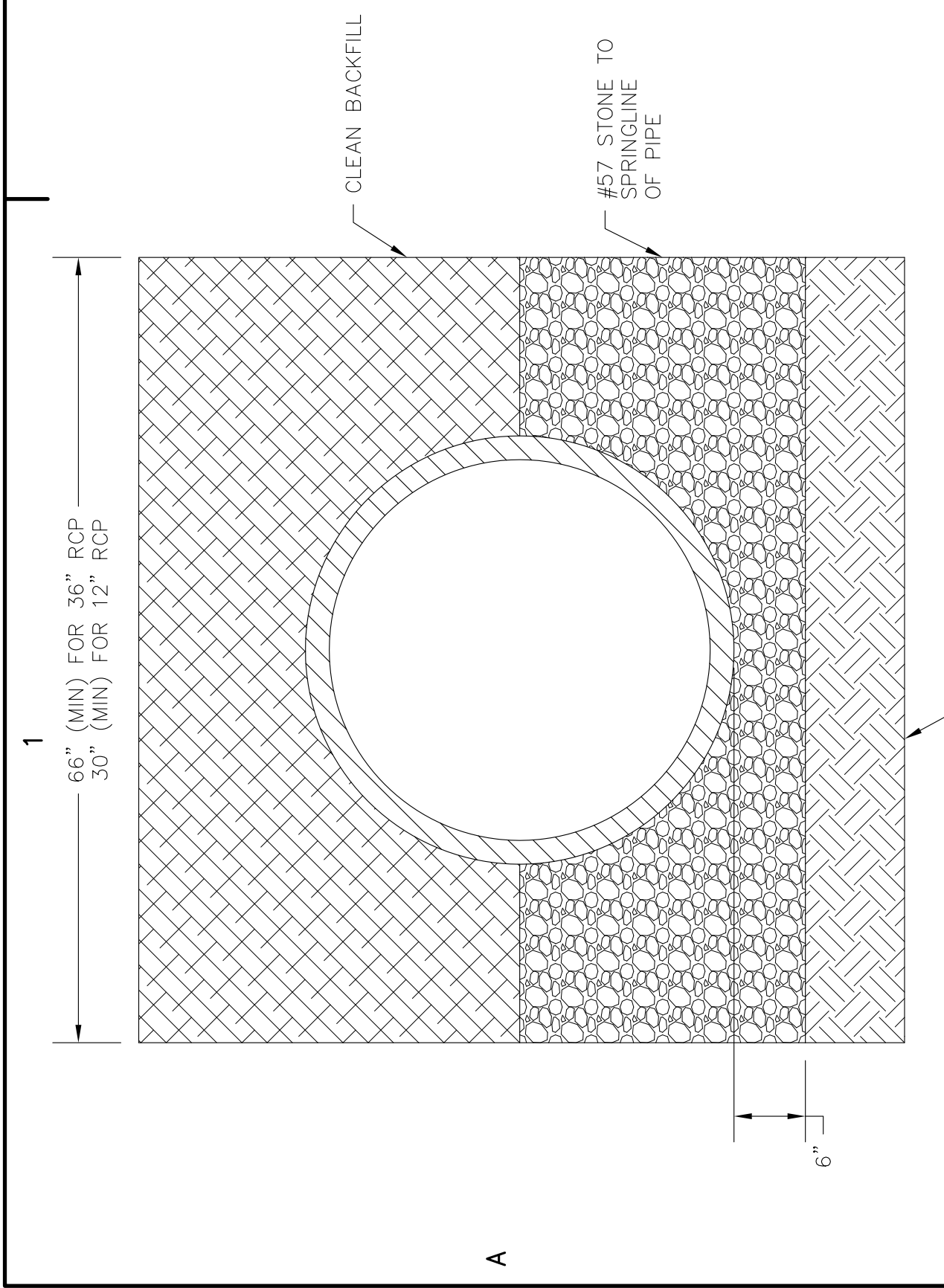


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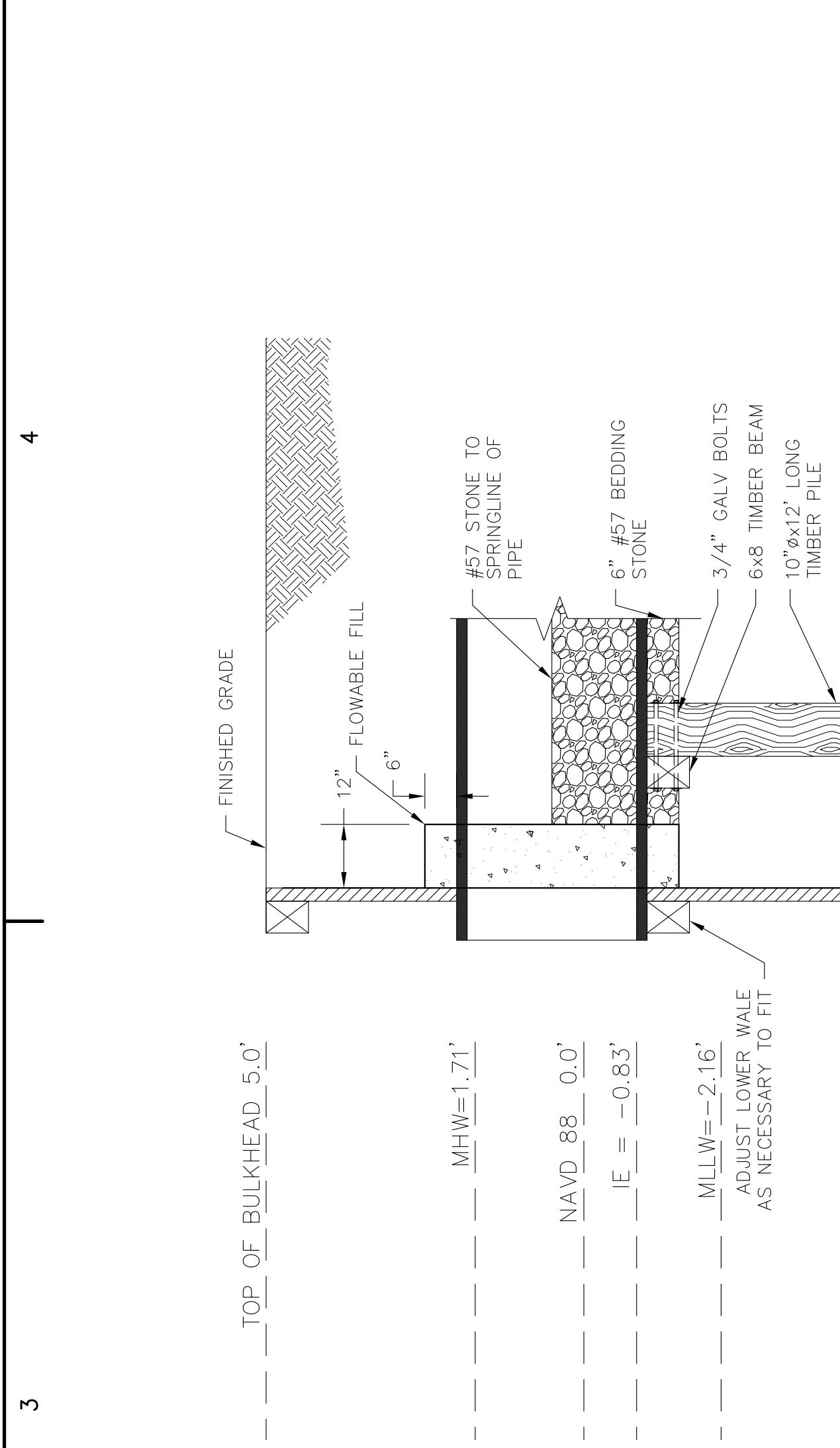
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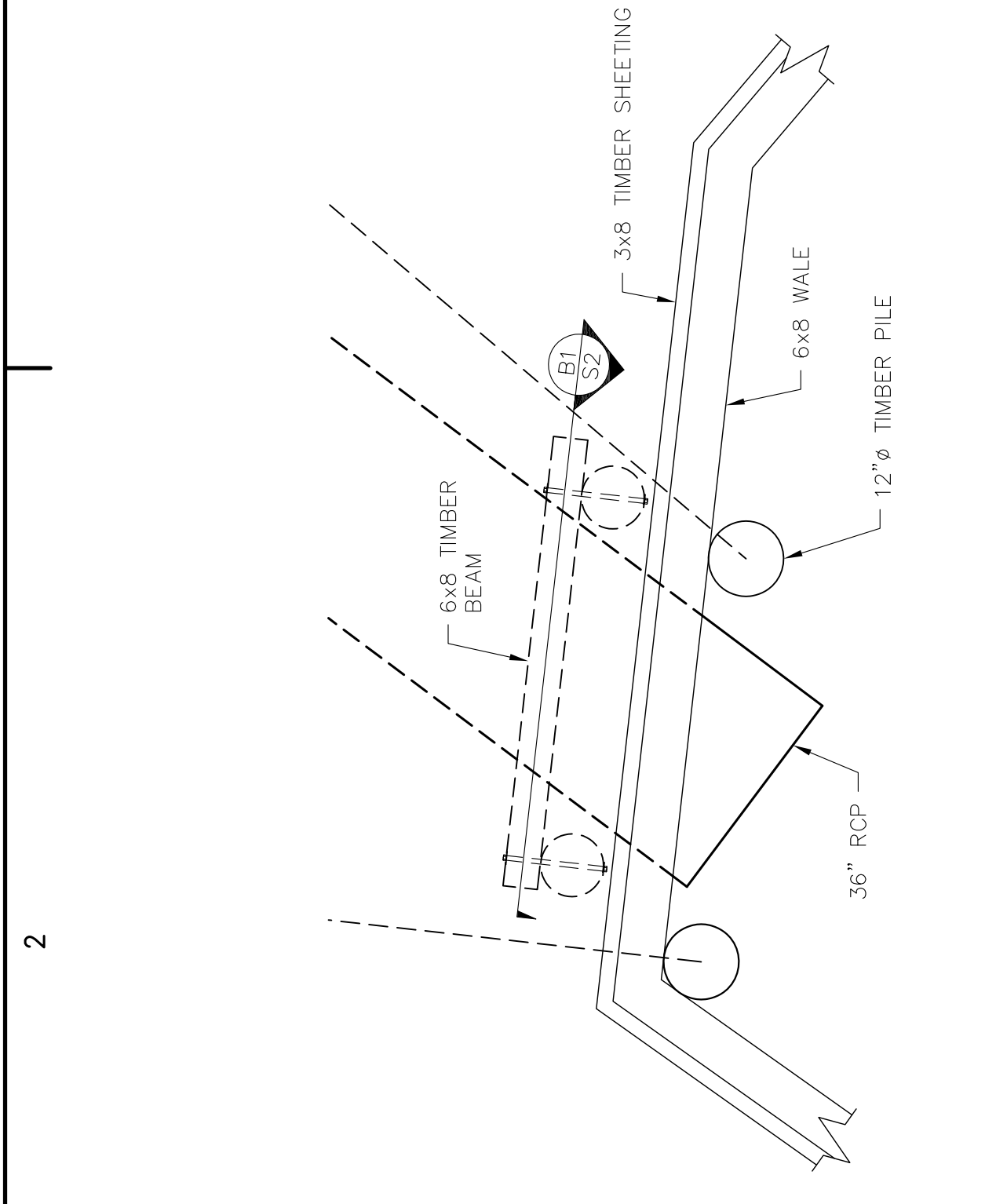
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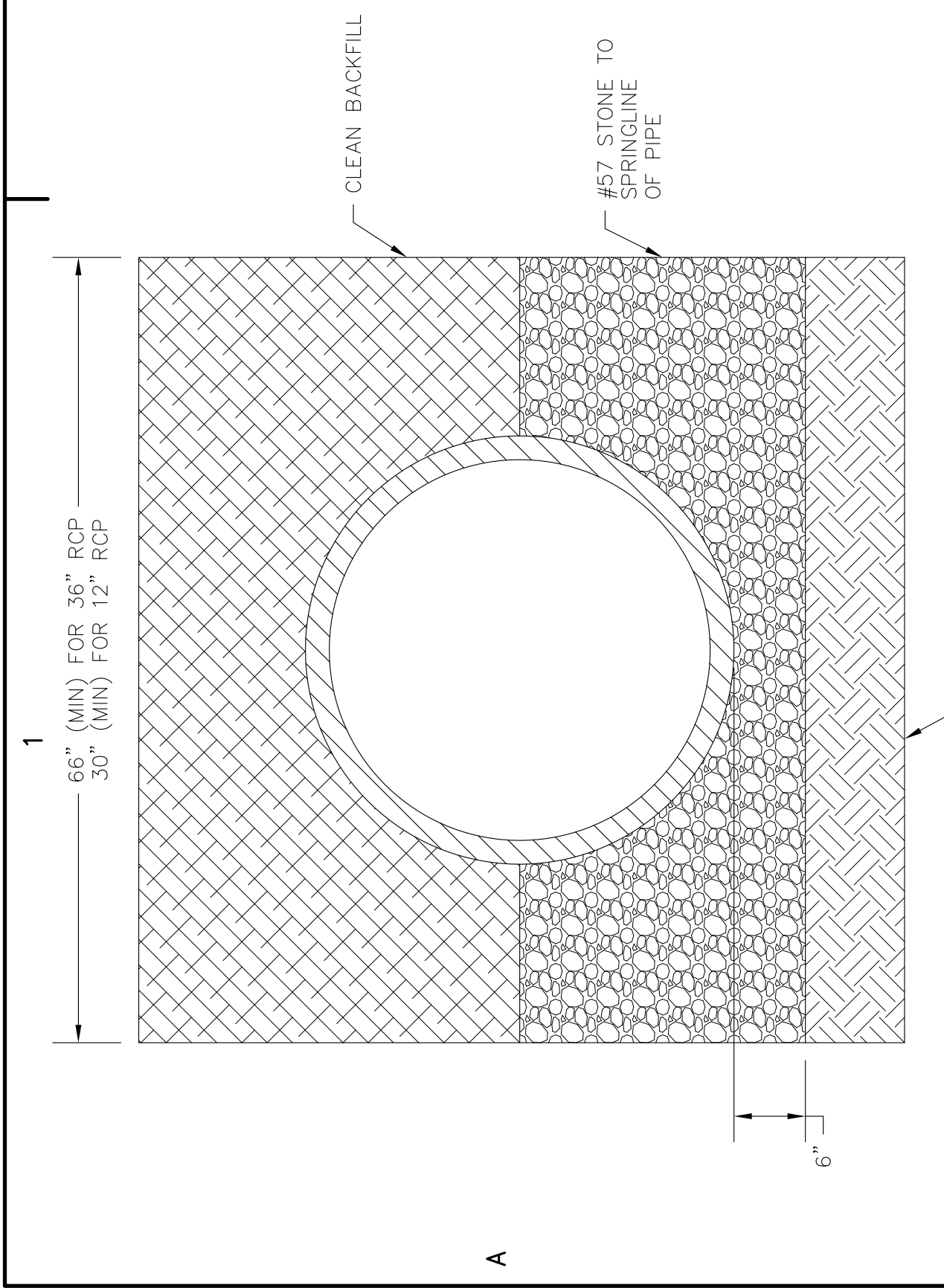
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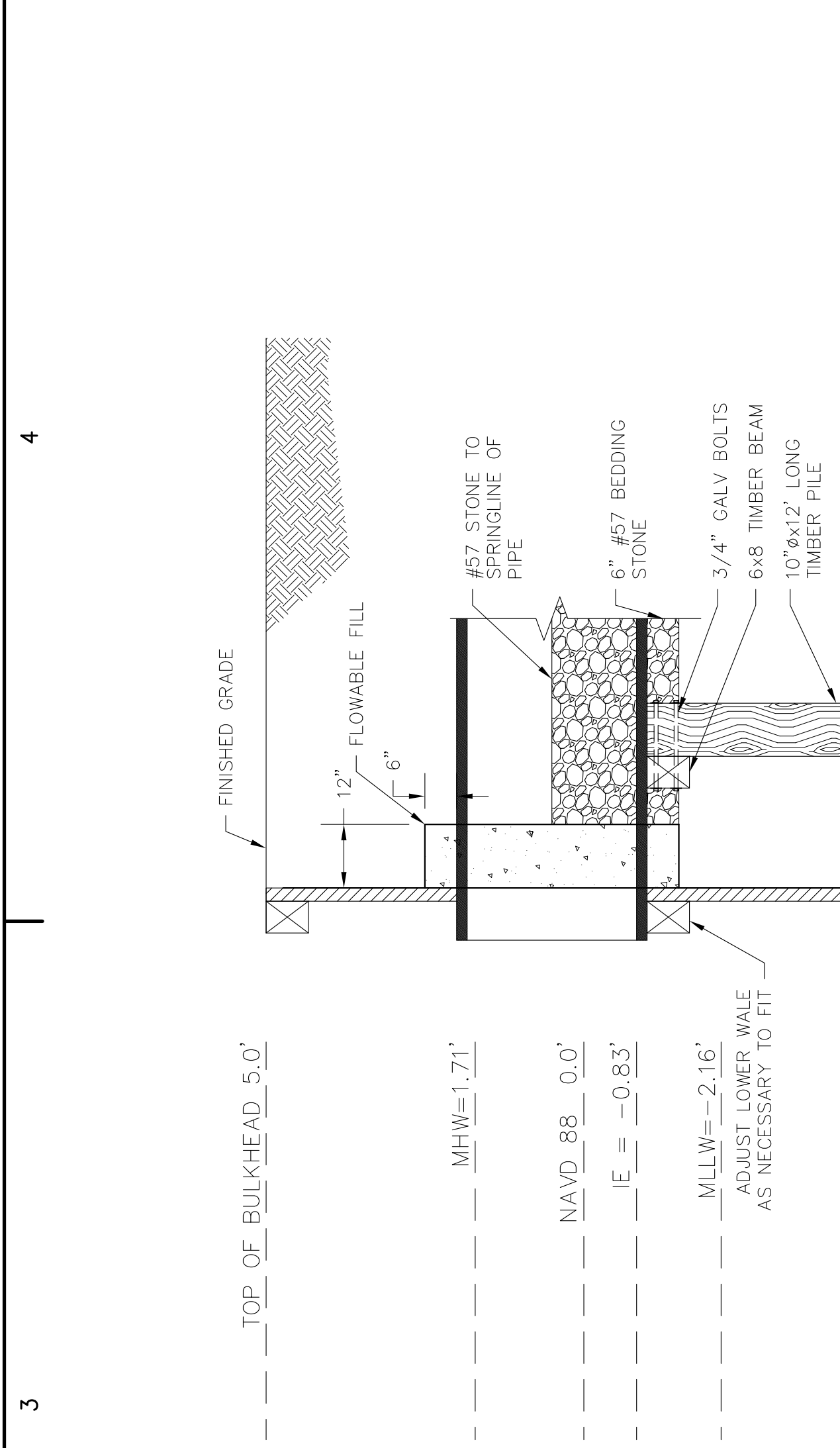
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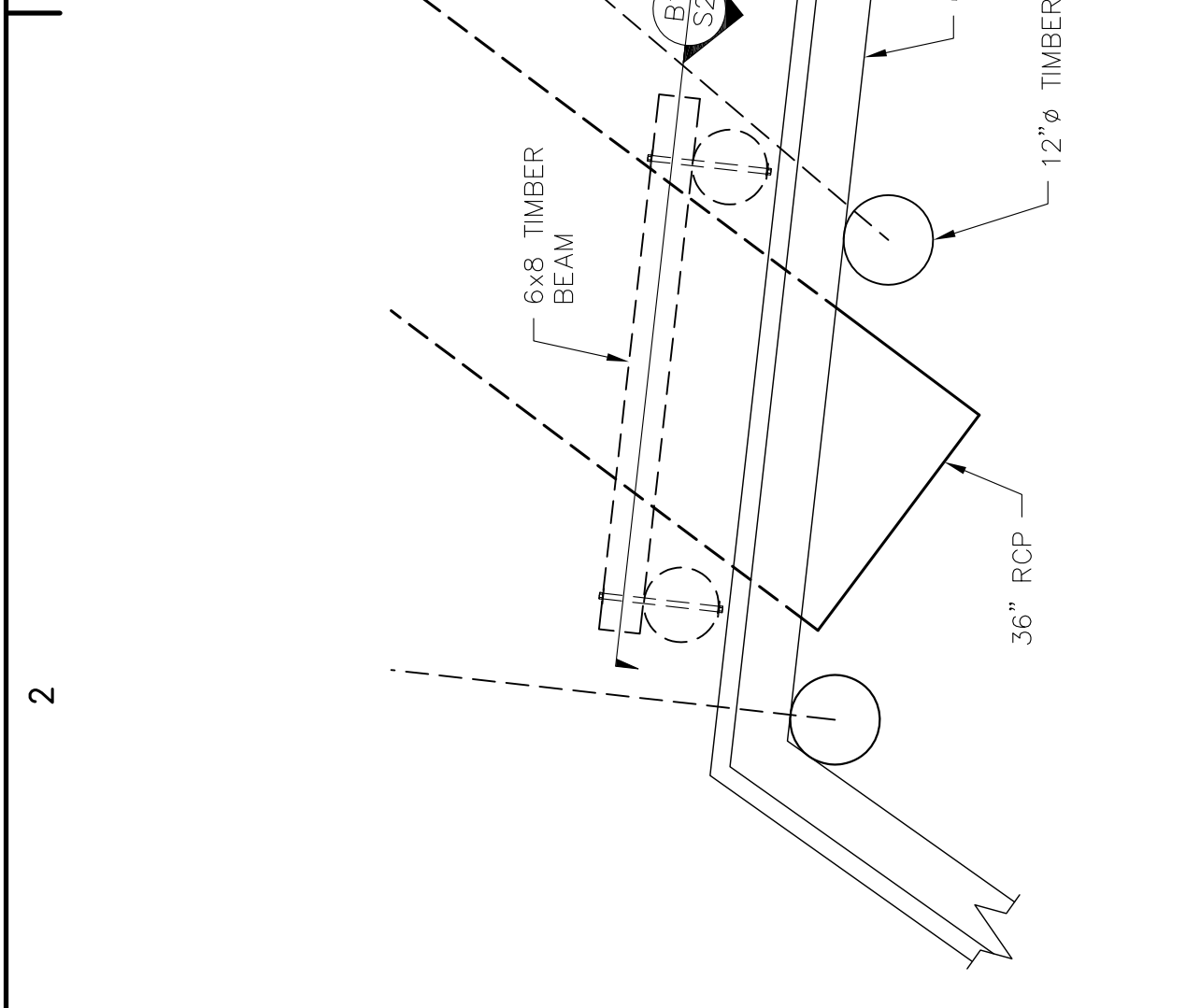


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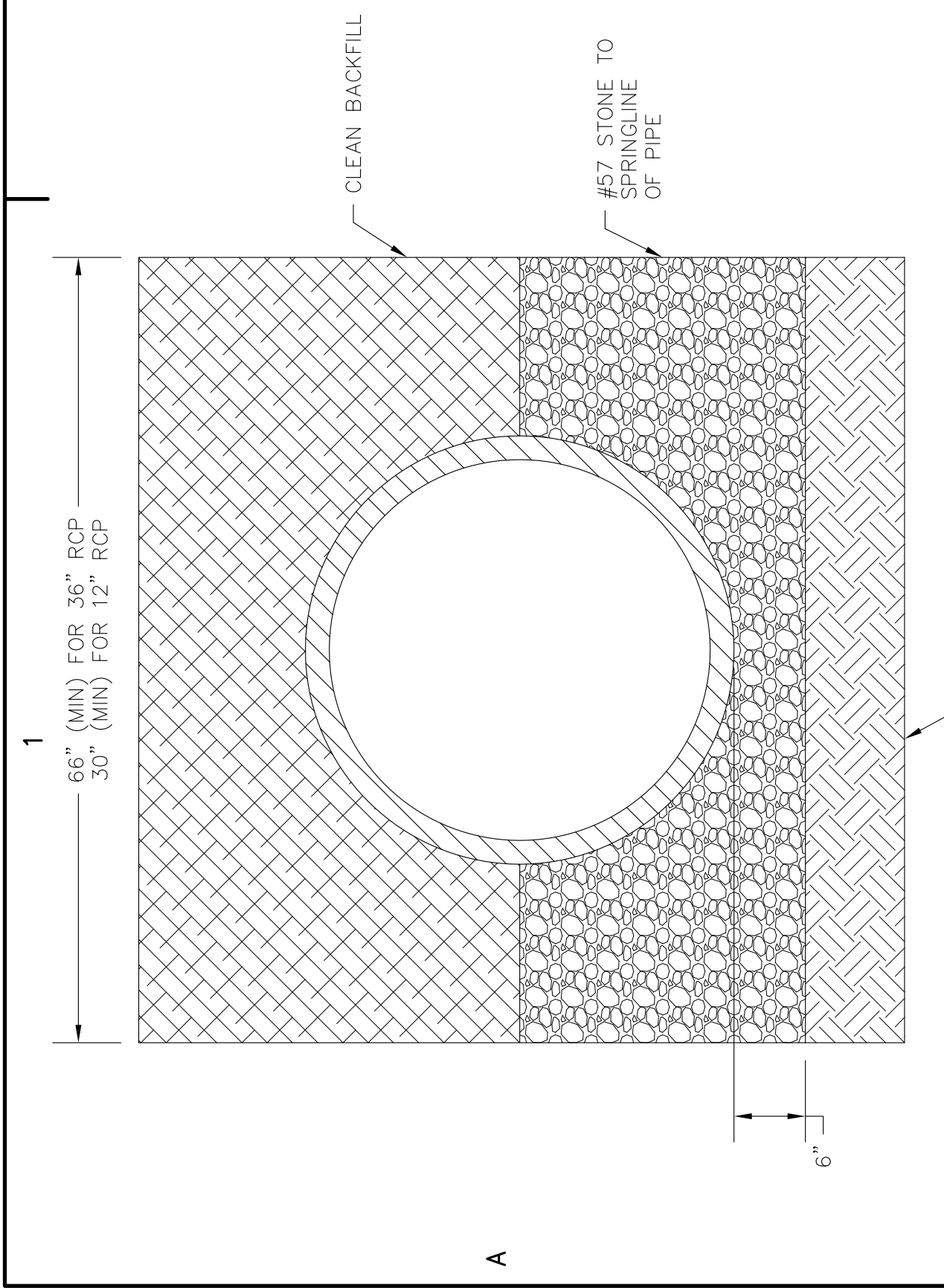


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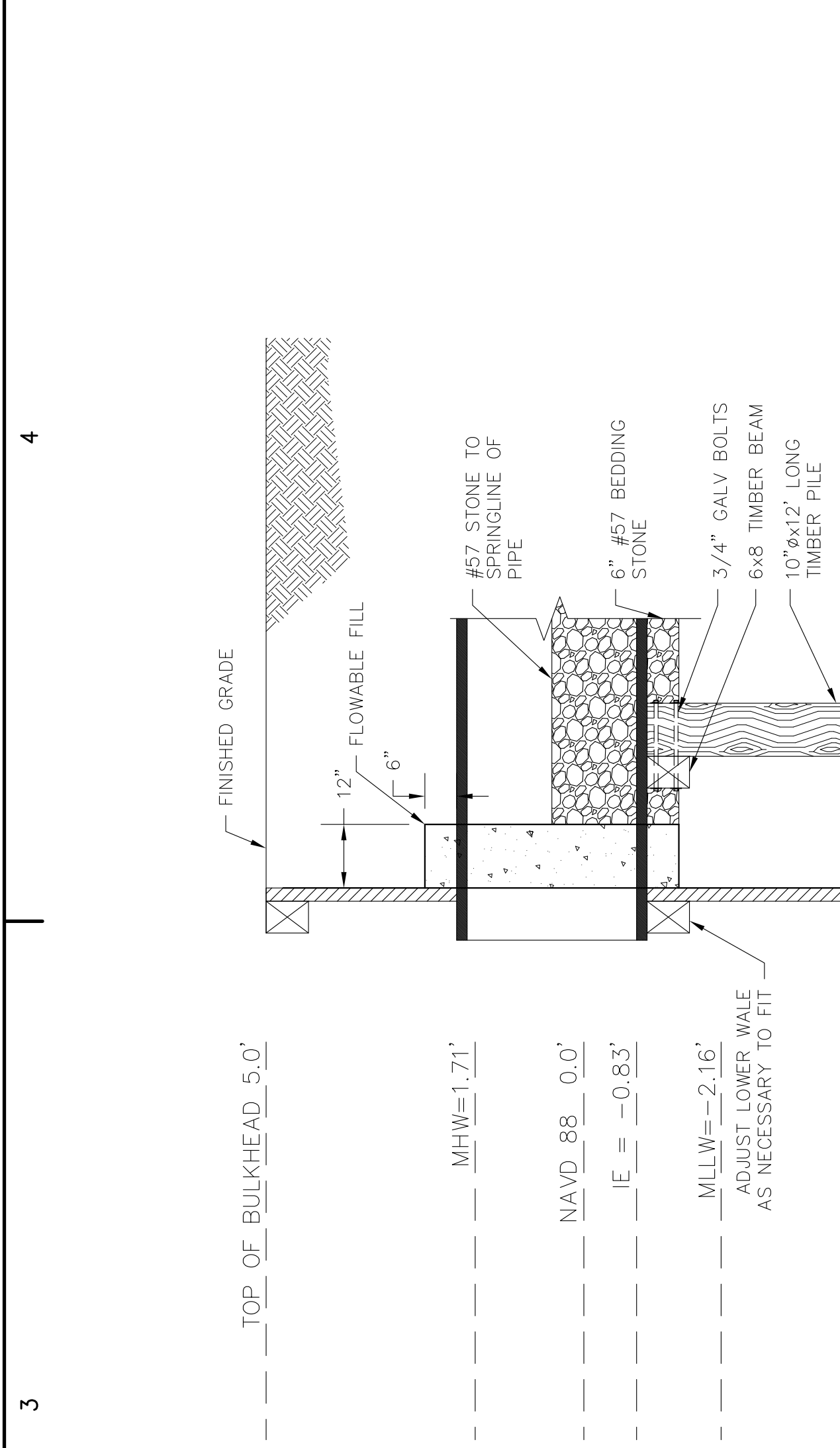
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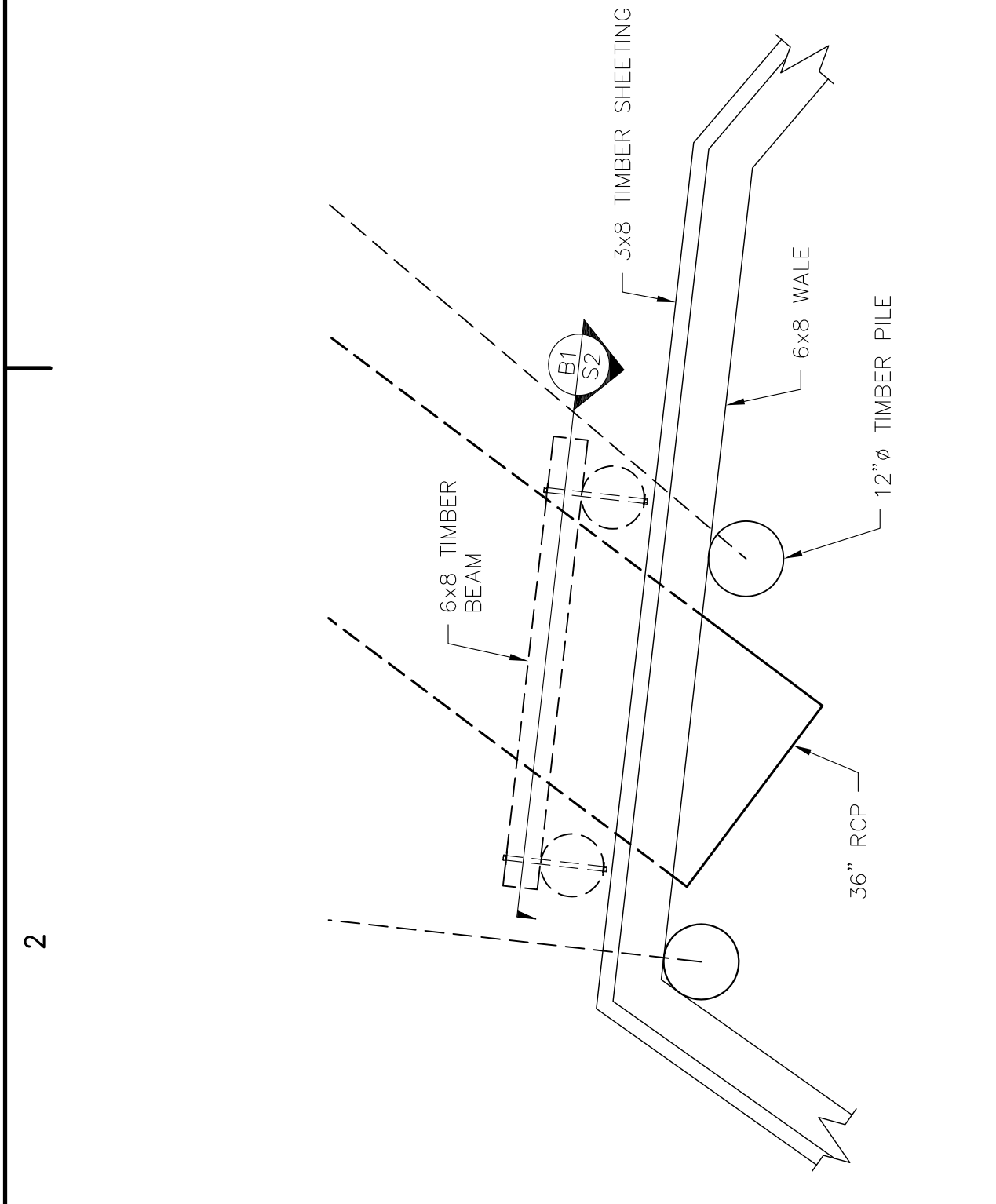
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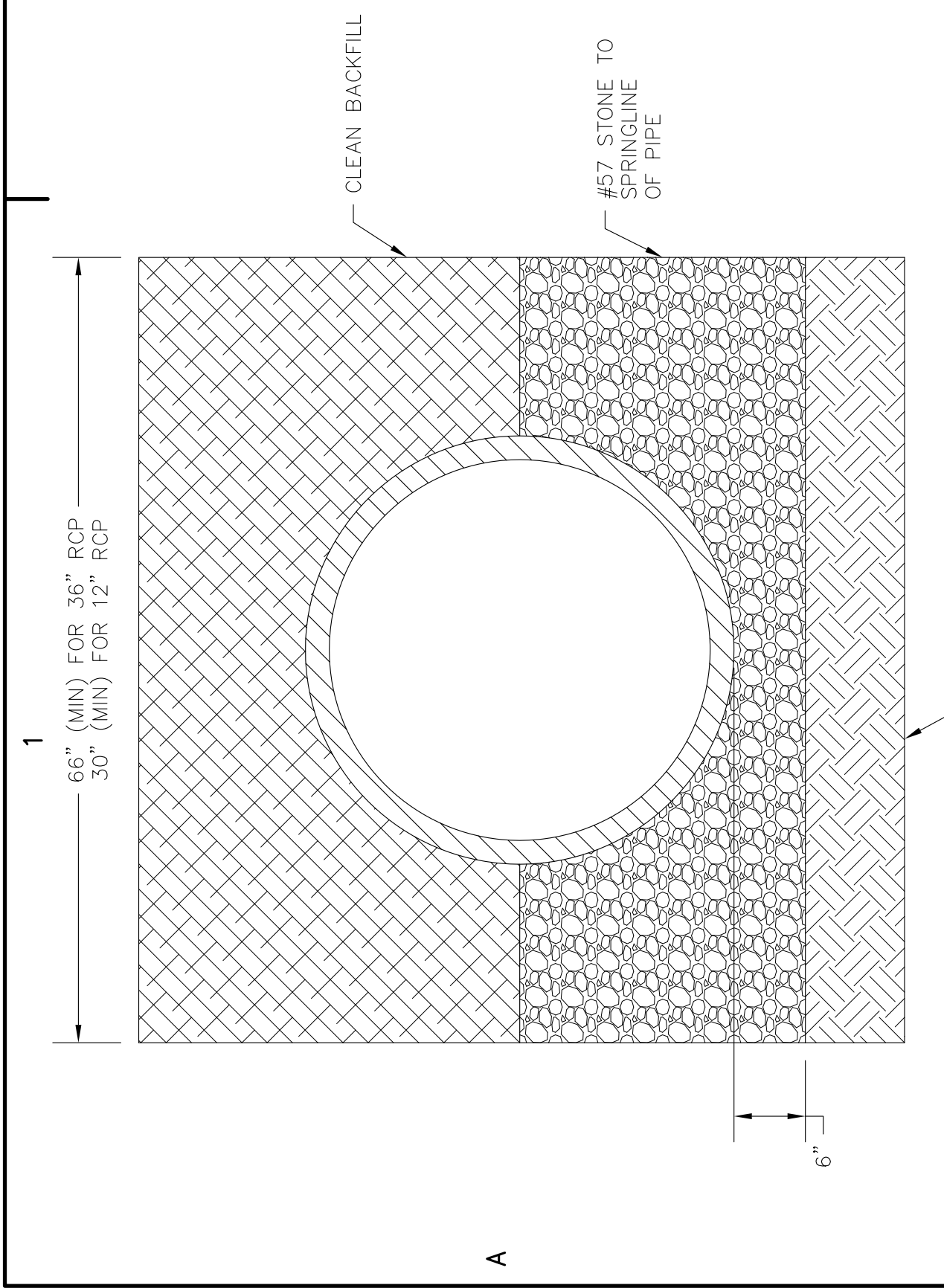
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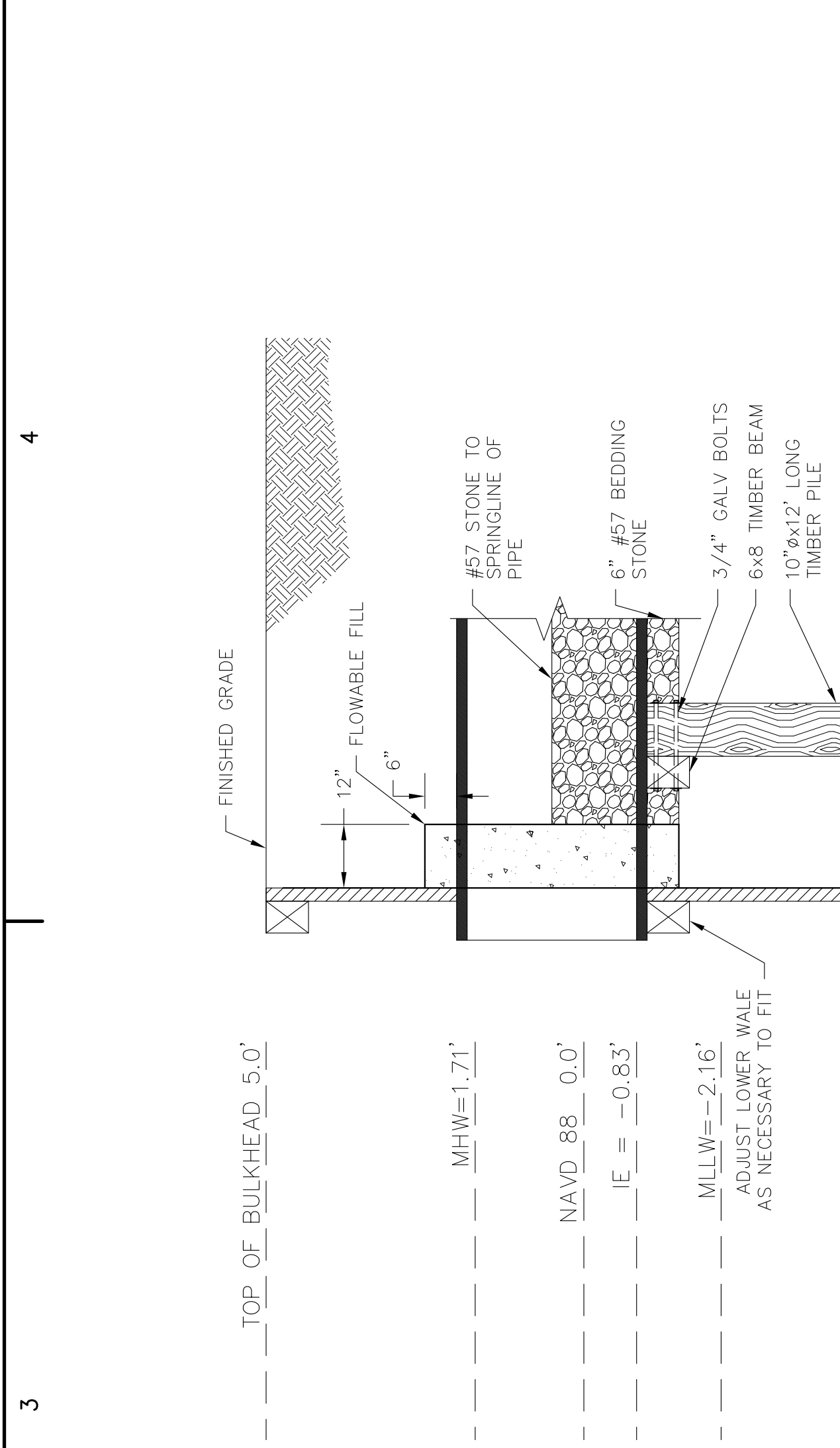
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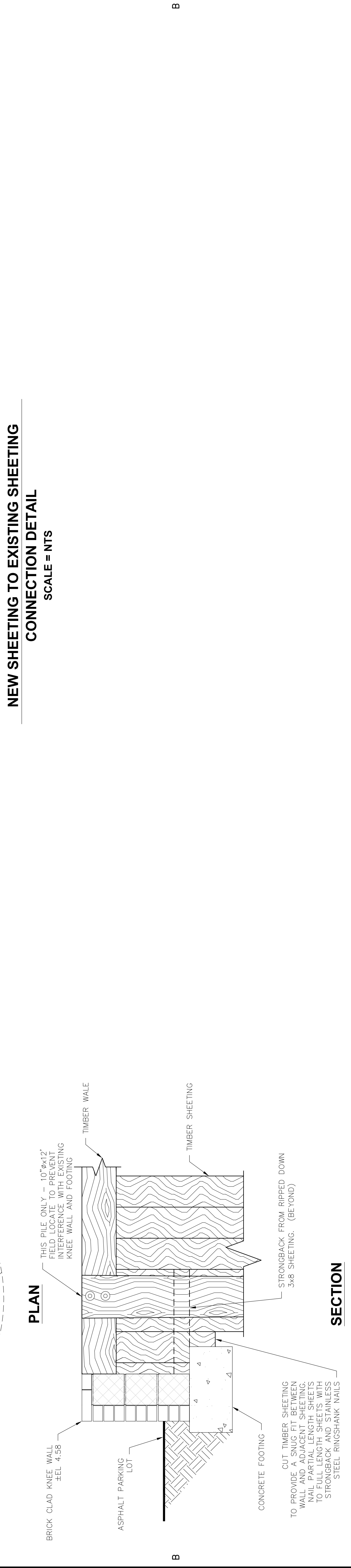
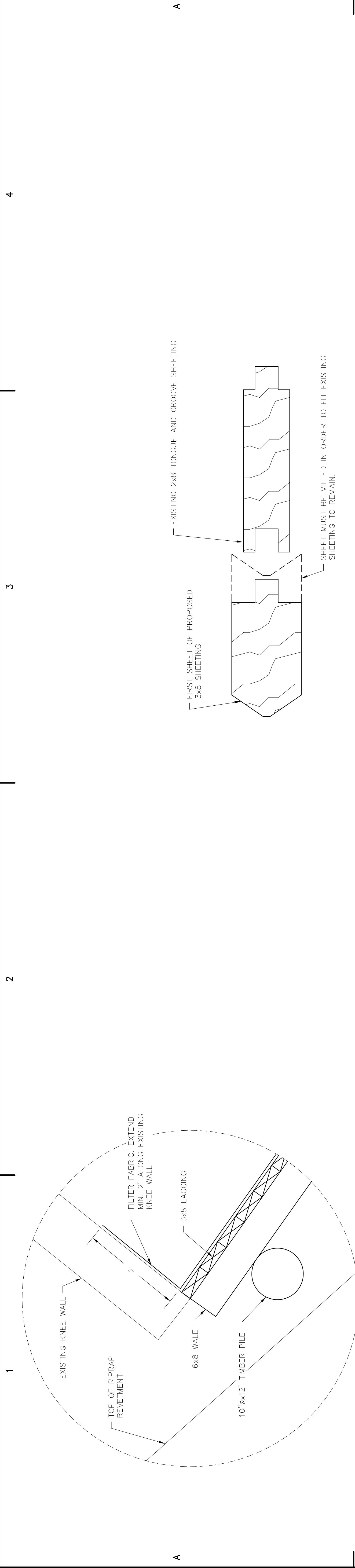


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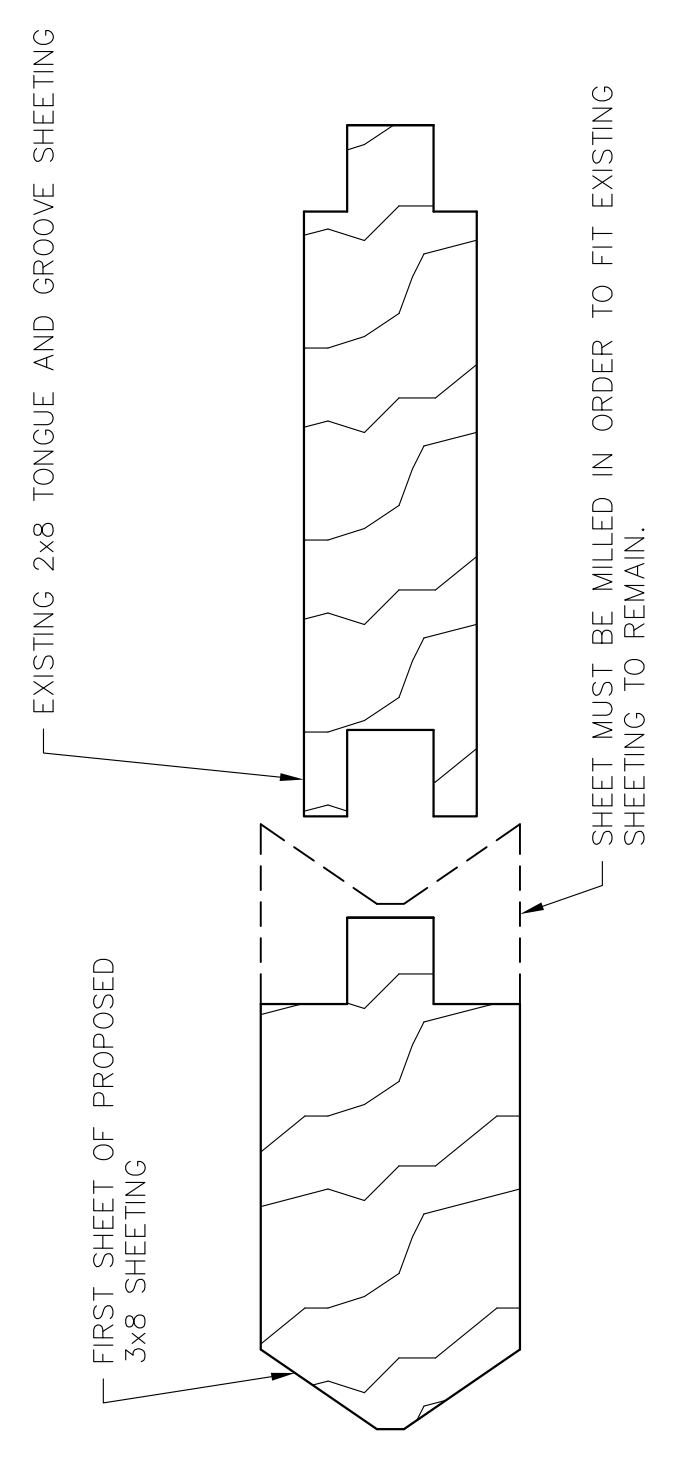




DESIGNED BY:	WDB
DRAWN BY:	WDB
CHECKED BY:	DBM
DATE:	4/11/2018
REV.	DATE:



**BULKHEAD CONNECTION TO EXISTING
 CONCRETE/BRICK KNEEWALL DETAIL**
 SCALE = 1:1



**NEW SHEETING TO EXISTING SHEETING
 CONNECTION DETAIL**
 SCALE = NTS