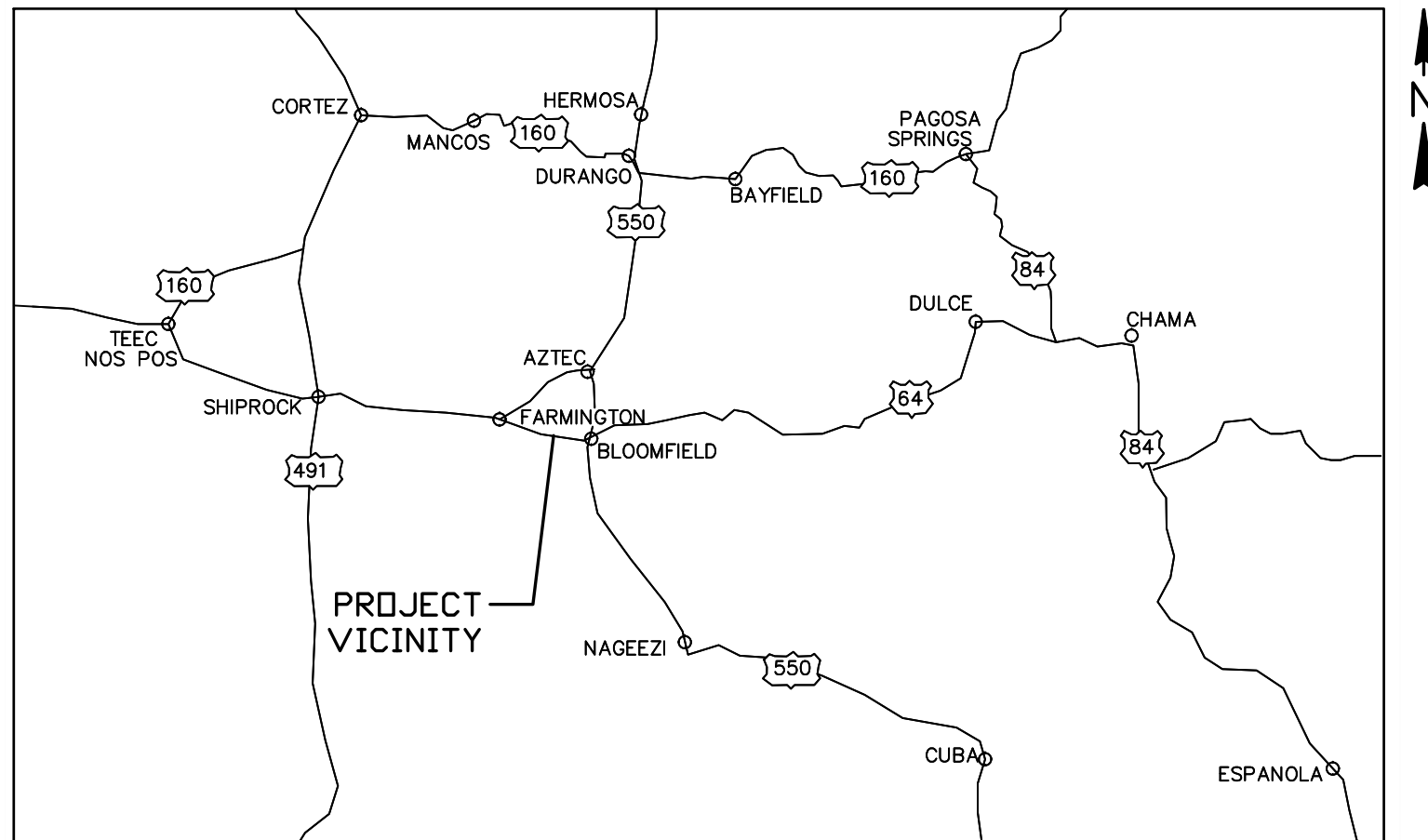


DRAINAGE DITCH BANK STABILIZATION at MCGEE PARK


Prepared for:
San Juan County



VICINITY MAP

SHEET INDEX

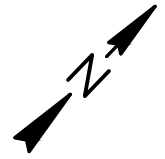
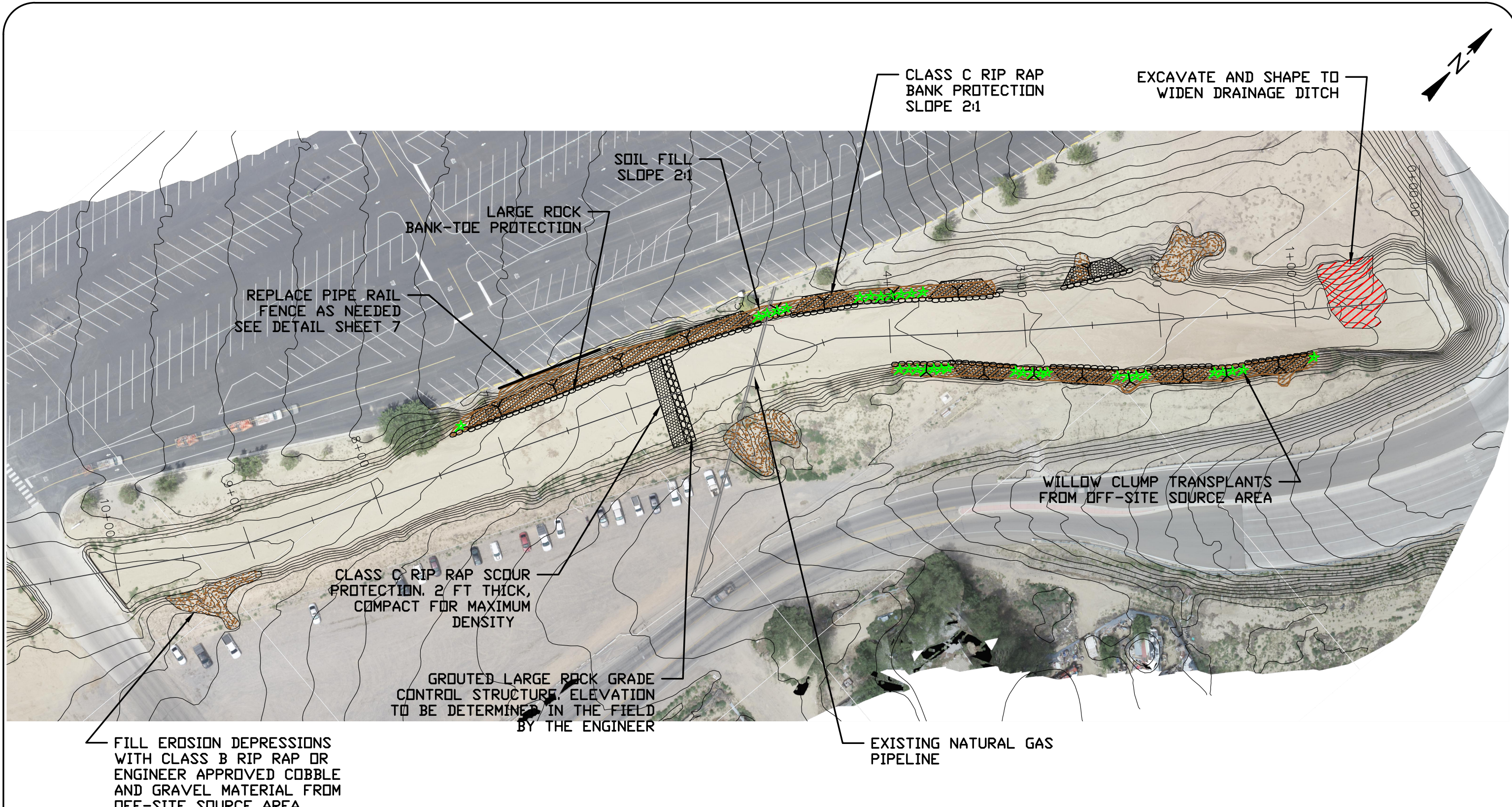
1. COVER SHEET, VICINITY MAP, SHEET INDEX
2. PROJECT LOCATION MAP
3. DRAINAGE DITCH BANK STABILIZATION
- UPPER SECTION
4. DRAINAGE DITCH BANK STABILIZATION
- LOWER SECTION
5. ARROYO BANK SLOPING DETAIL
6. GRADE CONTROL STRUCTURE DETAIL
7. PIPE RAIL FENCE & WILLOW TRANSPLANT
DETAIL

| | | | |
|---|--|-----------|-------|
|  <p>804 Eight Mile Loop Pagosa Springs, CO 81147 Tel: 970.946.7286 email: brad@meyerhydrosolutions.com</p> | DRAINAGE DITCH BANK STABILIZATION | | Sheet |
| | MCGEE PARK, SAN JUAN COUNTY | | 1 |
| | COVER SHEET LOCATION MAP/ SHEET INDEX | | of |
| | | | 7 |
| SCALE: NTS | | 9/19/2024 | |



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| | | |
|-----------------------------------|-----------|---------|
| DRAINAGE DITCH BANK STABILIZATION | | Sheet |
| MCGEE PARK, SAN JUAN COUNTY | | 2 |
| PROJECT LOCATION MAP | | of 7 |
| NOT TO SCALE | 9/19/2024 | |



SCALE IS 1" = 70 FT ON 11x17 SIZE SHEET
ALL OTHER SIZE SHEETS USE SCALE BAR



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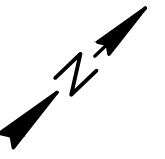
| | | |
|--|-----------|---------|
| DRAINAGE DITCH BANK STABILIZATION | | Sheet |
| MCGEE PARK, SAN JUAN COUNTY | | 3 |
| DRAINAGE DITCH BANK STABILIZATION UPPER SECTION | | of 7 |
| SCALE: 1" = 70 FT | 9/19/2024 | |

REPLACE PIPE RAIL FENCE AS NEEDED
SEE DETAIL SHEET 7

LARGE ROCK
BANK-TOE PROTECTION

SOIL FILL
SLOPE 2:1

CLASS C RIP RAP
BANK PROTECTION
SLOPE 2:1



WILLOW CLUMP TRANSPLANTS
FROM OFF-SITE SOURCE AREA

REMOVE EXISTING TREES
EXCAVATE AND SHAPE TO
WIDEN DRAINAGE DITCH

CLASS C RIP RAP SCOUR
PROTECTION, 2 FT THICK,
COMPACT FOR MAXIMUM
DENSITY

GROUTED LARGE ROCK GRADE
CONTROL STRUCTURE, ELEVATION
TO BE DETERMINED IN THE FIELD
BY THE ENGINEER

FILL EROSION DEPRESSIONS
WITH CLASS B RIP RAP OR
ENGINEER APPROVED COBBLE
AND GRAVEL MATERIAL FROM
OFF-SITE SOURCE AREA

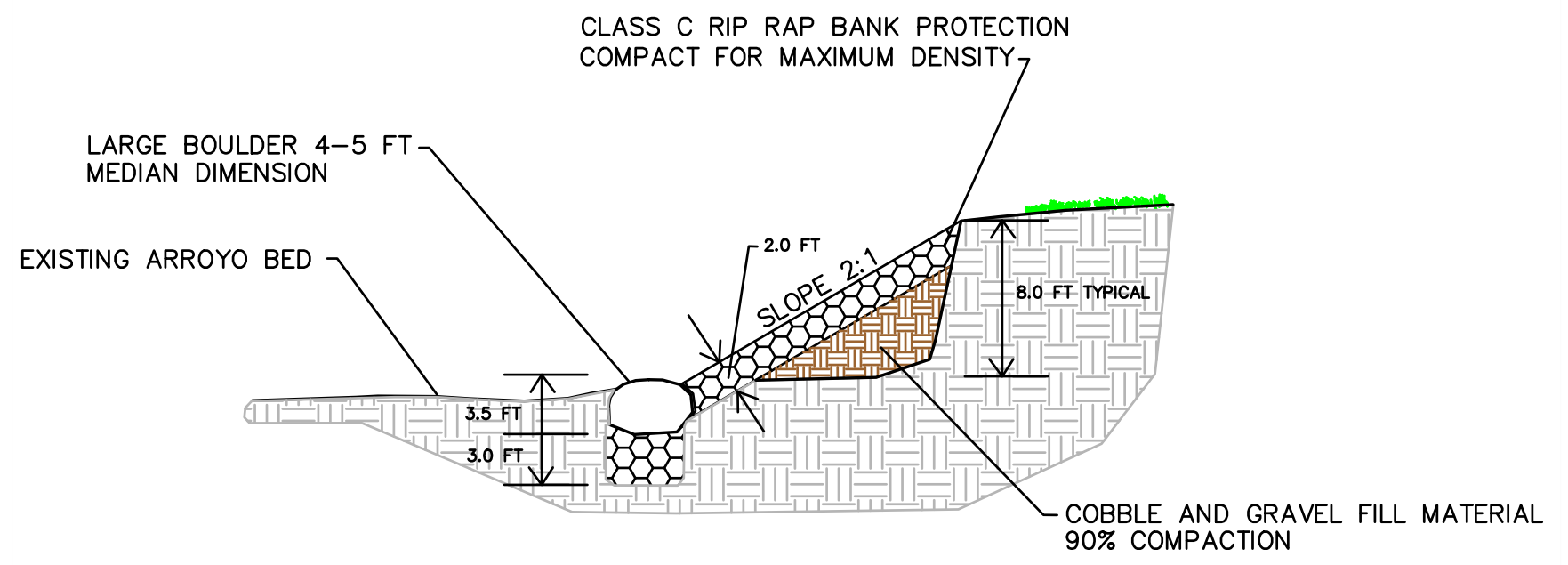


SCALE IS 1" = 70 FT ON 11x17 SIZE SHEET
ALL OTHER SIZE SHEETS USE SCALE BAR

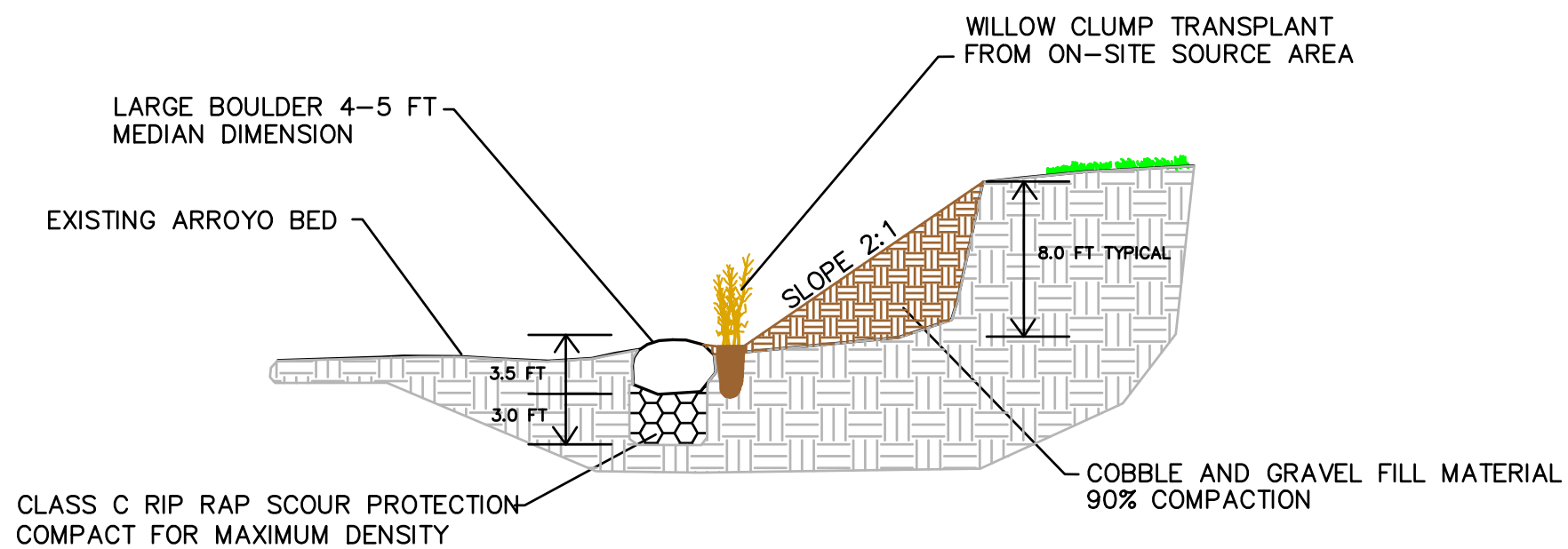


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| | | |
|--|-----------|---------|
| DRAINAGE DITCH BANK STABILIZATION | | Sheet |
| MCGEE PARK, SAN JUAN COUNTY | | 4 |
| DRAINAGE DITCH BANK STABILIZATION LOWER SECTION | | of 7 |
| SCALE: 1" = 70 FT | 9/19/2024 | |



ARROYO SLOPED BANK – RIP RAP SECTION
NTS



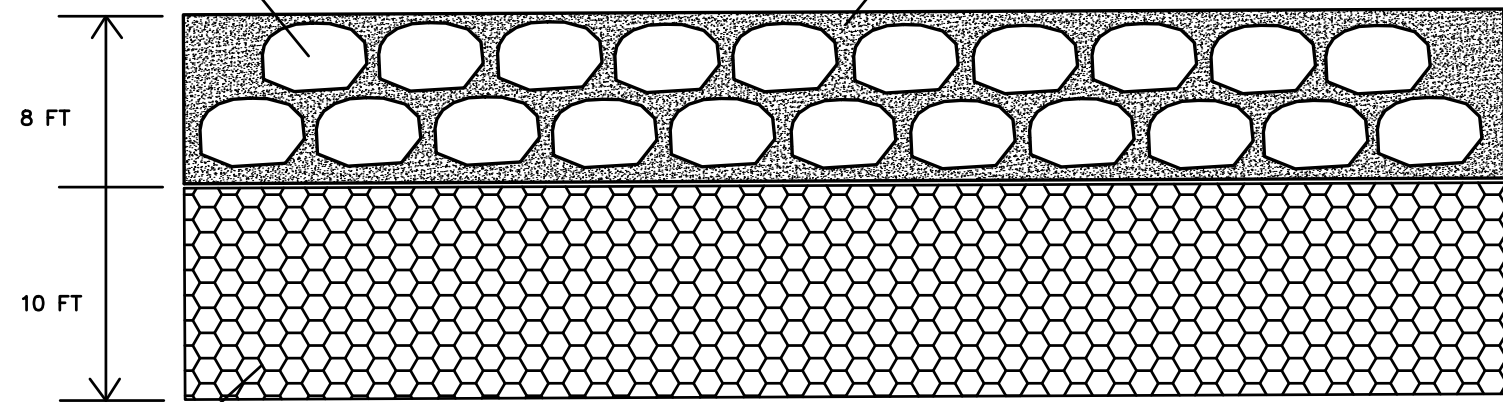
ARROYO SLOPED BANK – SOIL FILL SECTION
NTS

| | | | |
|---|-------------------------------------|-----------|-------|
|  <p>804 Eight Mile Loop Pagosa Springs, CO 81147 Tel: 970.946.7286 email: brad@meyerhydrosolutions.com</p> | DRAINAGE DITCH BANK STABILIZATION | | Sheet |
| | MCGEE PARK, SAN JUAN COUNTY | | 5 |
| | ARROYO BANK SLOPING DETAIL SHEET | | of |
| | | | 7 |
| NTS | | 9/19/2024 | |

LARGE BOULDERS 4-5 FT
MEDIAN DIMENSION

GRADE CONTROL STRUCTURE TOP WIDTH: 50'-65'

4000 PSI CONCRETE GROUT

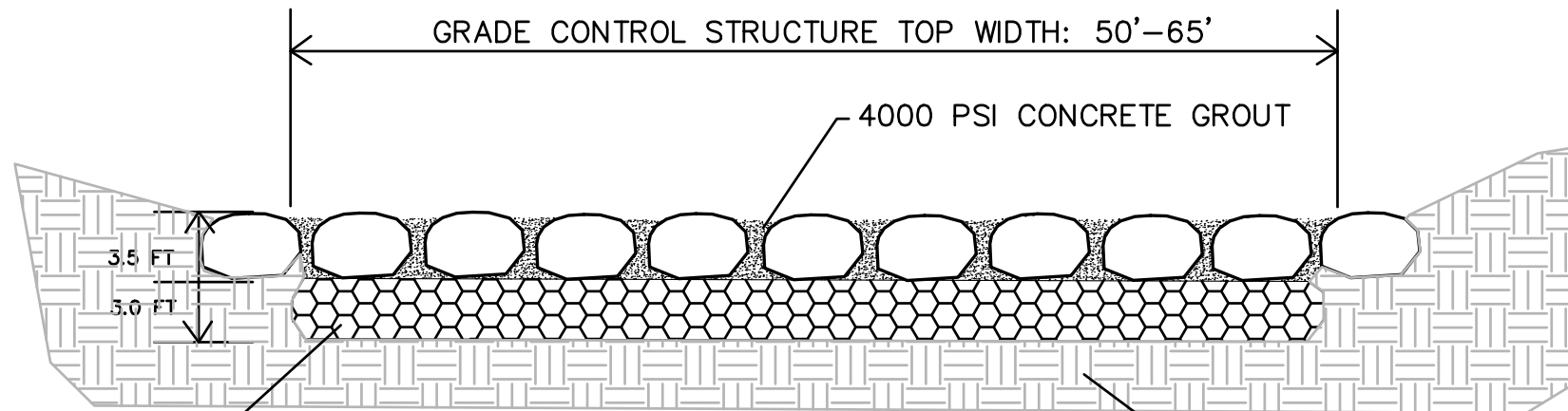


CLASS C RIP RAP SCOUR PROTECTION
2 FT THICK, COMPACT FOR MAXIMUM
DENSITY

GRouted BOULDER GRADE CONTROL STRUCTURE - PLAN
NTS

GRADE CONTROL STRUCTURE TOP WIDTH: 50'-65'

4000 PSI CONCRETE GROUT



CLASS C RIP RAP SCOUR PROTECTION
COMPACT FOR MAXIMUM DENSITY

COMPACTED SUBGRADE

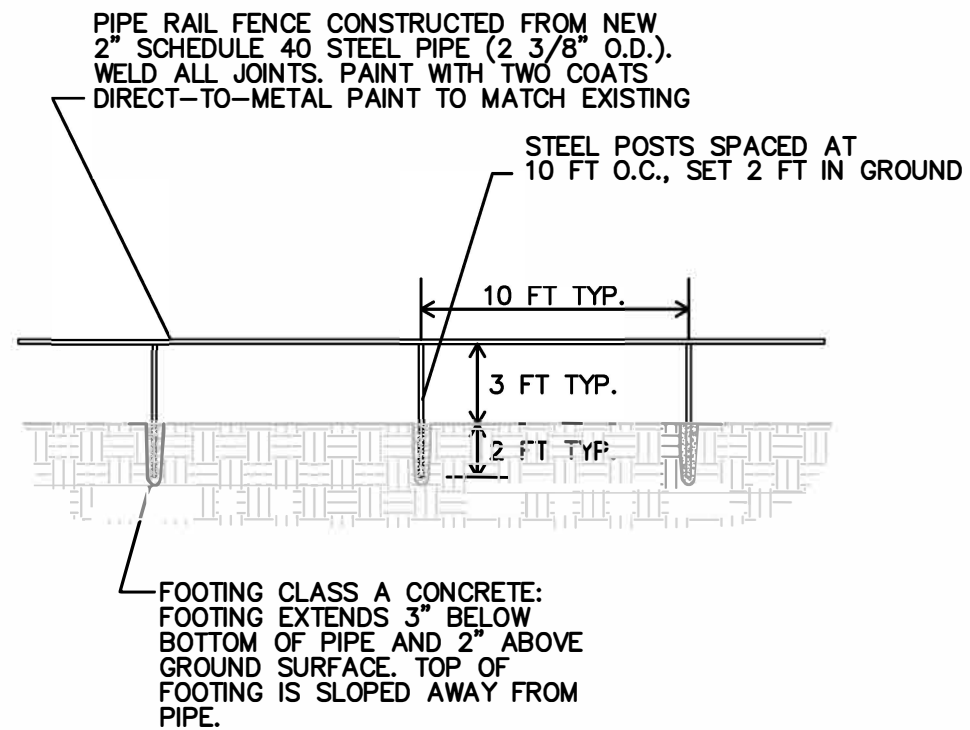
GRouted BOULDER GRADE CONTROL STRUCTURE - SECTION
NTS

NOTE: ELEVATION OF GRADE CONTROL
STRUCTURES TO BE DETERMINED
IN THE FIELD BY THE ENGINEER

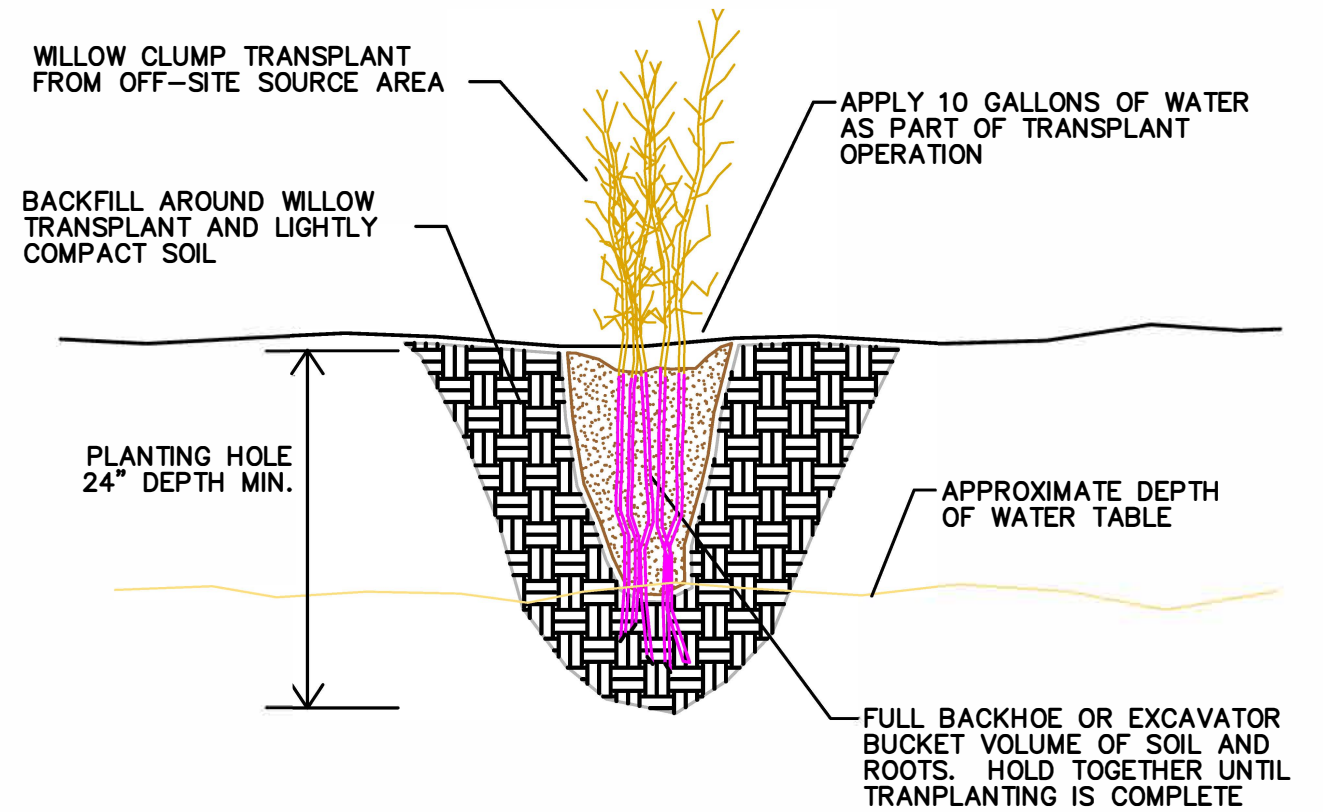


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| | | |
|---|-----------|---------|
| DRAINAGE DITCH BANK STABILIZATION | | Sheet |
| MCGEE PARK, SAN JUAN COUNTY | | 6 |
| GRADE CONTROL STRUCTURE DETAIL SHEET | | of 7 |
| NTS | 9/19/2024 | |



PIPE RAIL FENCE — SECTION
NTS



WILLOW CLUMP TRANSPLANT
NTS

| | | | |
|---|---|-----------|---------|
|  <p>804 Eight Mile Loop Pagosa Springs, CO 81147 Tel: 970.946.7286 email: brad@meyerhydrosolutions.com</p> | DRAINAGE DITCH BANK STABILIZATION | | Sheet |
| | MCGEE PARK, SAN JUAN COUNTY | | 7 |
| | PIPE RAIL FENCE & WILLOW TRANSPLANT DETAIL SHEET | | of 7 |
| | NTS | 9/19/2024 | |