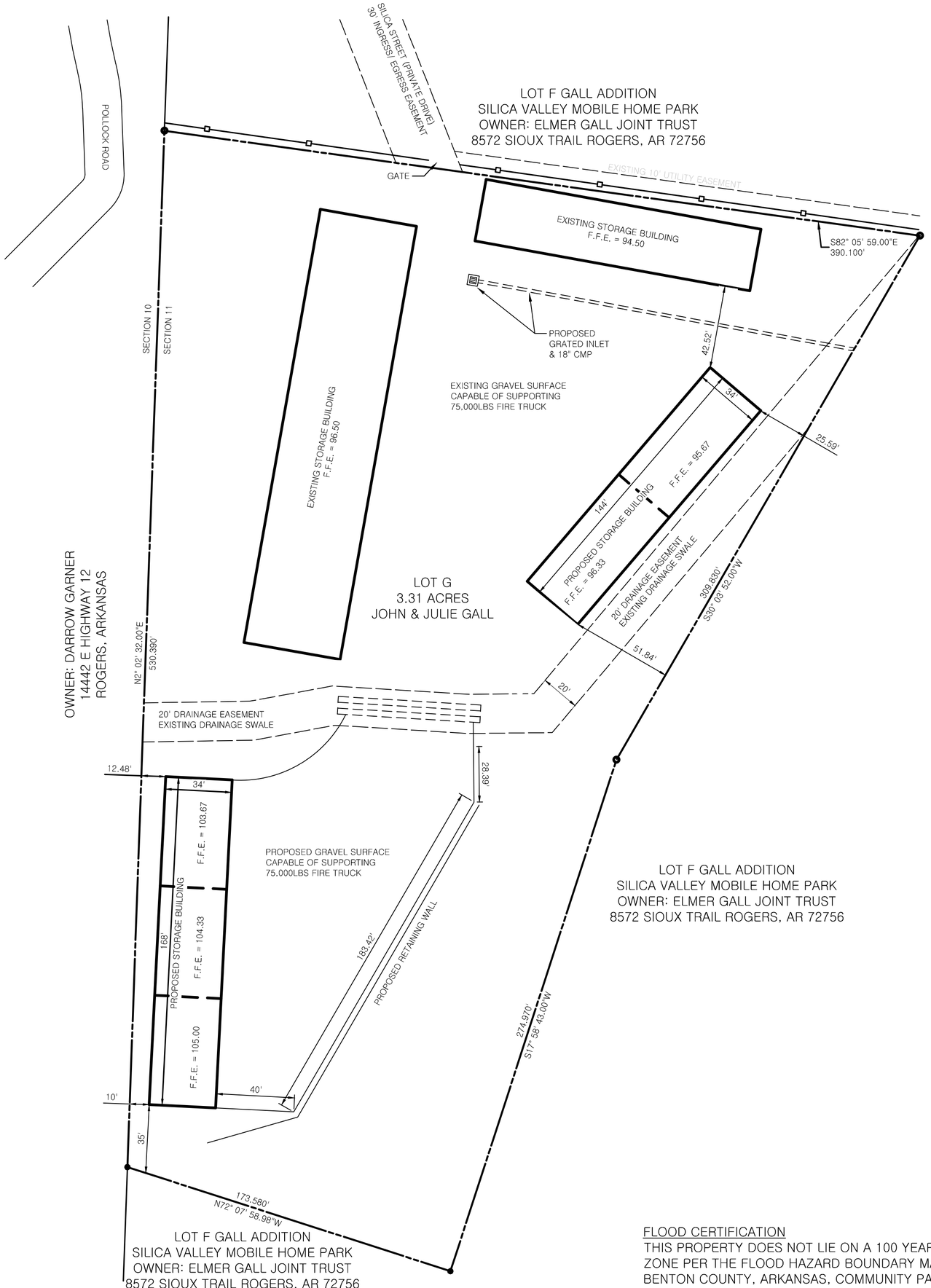



N

0 40' 60' 80'

SCALE IN FEET

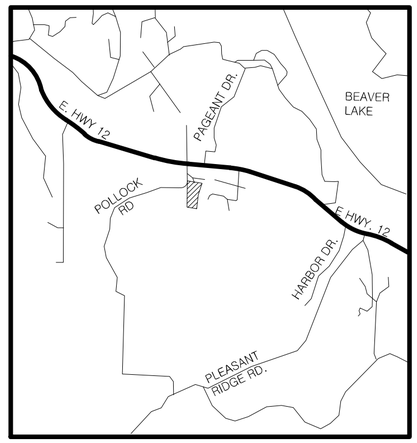
811

Know what's **below.**
**Call** before you dig.

## LEGEND

EXISTING

- FOUND IRON PIN
- SET IRON PIN
- PROPERTY LINE
- PROPERTY LINE
- EASEMENT
- PROPOSED CONTOUR
- STORM DRAIN




Not to Scale

## SITE DATA

| | |
|---|---|
| EXISTING BUILDING AREA | 16,000 SQ FT |
| PROPOSED BUILDING AREA (DISTURBED AREA 0.48 ACRES) | 10,608 SQ FT |
| TOTAL AREA OF SITE | 144,140 SQ FT / 3.31 ACRES |

SITE USE: RV / BOAT STORAGE

BENTON COUNTY PLANNING COMMISSION ACCEPTANCE
APPROVED AND RECOMMEND FOR ACCEPTANCE BY THE BENTON COUNTY PLANNING COMMISSION OF BENTON COUNTY, ARKANSAS, THIS_____DAY OF_____, 2015.

_____
CHAIRMAN

PROPERTY DESCRIPTION
LOT G OF GALL ADDITION IN BENTON COUNTY, ARKANSAS FILED: 2005 682

PARCEL # 15-1711-000

FLOOD CERTIFICATION
THIS PROPERTY DOES NOT LIE ON A 100 YEAR FLOOD ZONE PER THE FLOOD HAZARD BOUNDARY MAP. BENTON COUNTY, ARKANSAS, COMMUNITY PANEL 05007C0160 E DATED SEPTEMBER 18, 1991.

| 9300 | 8/19/15 | TCO | TCO | RYE | RYE |
|---|---|---|---|---|---|
| CEI PROJECT NO. | INITIAL DATE | DPOR | PM | DES | DRW |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FAX (479)273-0844


# SILICA VALLEY RV/BOAT STORAGE

15206 SILICA ST.
ROGERS ARKANSAS, 72756

## SITE PLAN

REV DATE 8/19/15 REV-0

SHEET NO. 1 OF 3

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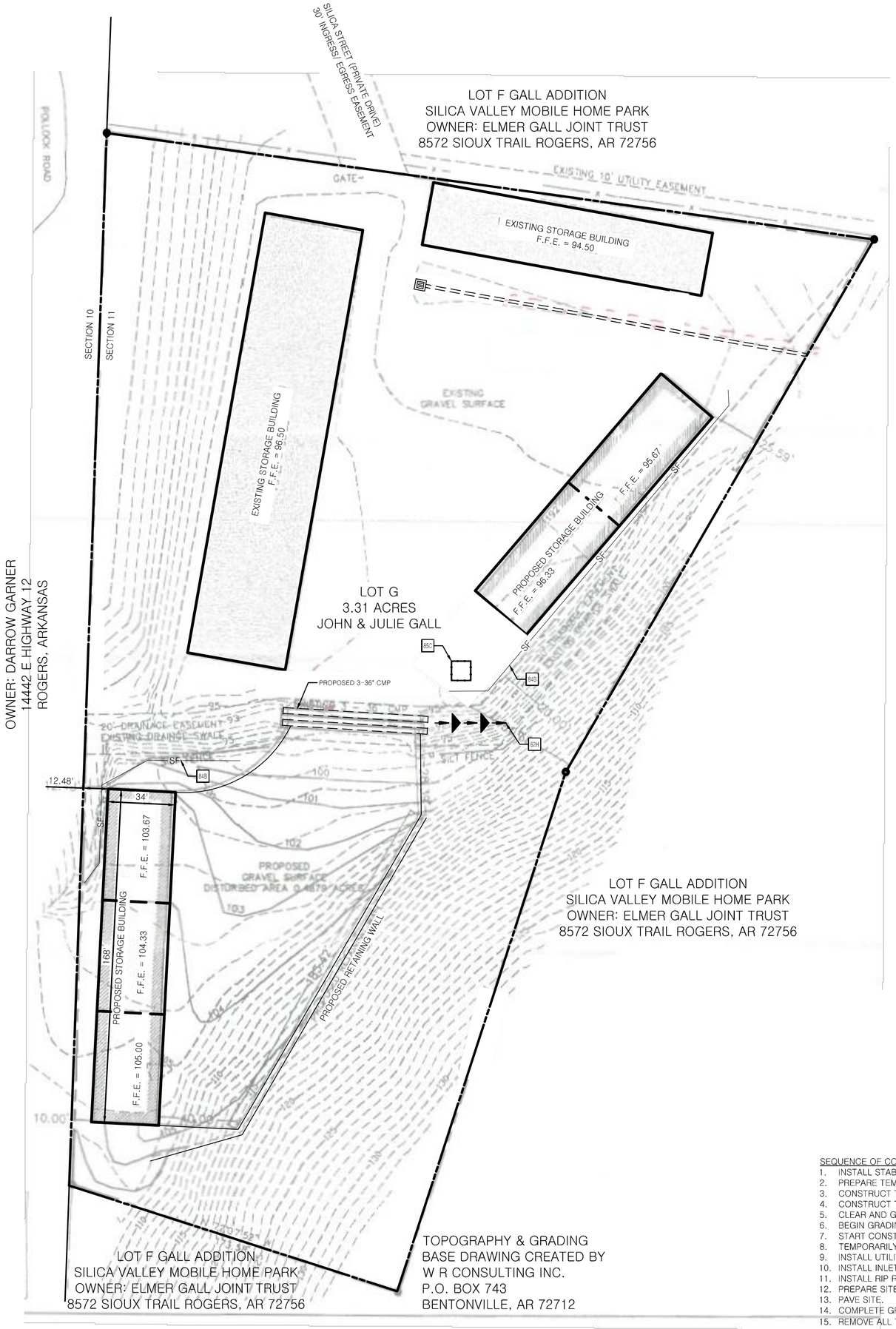


# LEGEND

## EXISTING

- FOUND IRON PIN
- SET IRON PIN
- PROPERTY LINE
- PROPERTY LINE
- EASEMENT
- PROPOSED CONTOUR
- STORM DRAIN

## PROPOSED

- PROPERTY LINE/RIGHT OF WAY LINE
- SF — SILT FENCE
- XXX — CONTOUR ELEVATIONS

## SITE DETAILS

82H ROCK CHECK DAM
84B TEMPORARY SILT FENCE BARRIER
85C TEMPORARY CONCRETE WASHOUT

N

0 40' 60' 80'
SCALE IN FEET

Know what's **below.** **Call** before you dig.

## GENERAL EROSION NOTES

A. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF ARKANSAS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.

B. THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.

C. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.

D. MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.

E. DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

F. NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

G. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.

H. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL STOP FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDED WITHIN 14 DAYS.

I. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE LANDSCAPING PLAN.

J. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNERS CONSTRUCTION MANAGER.

K. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

L. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AFTER THE STABILIZATION OF THE SITE AND ALSO ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS.

M. IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.

N. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.

O. SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.

## GENERAL EROSION NOTES CONT'D

P. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.

Q. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.

R. ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

MAINTENANCE

ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT, AND SHOULD BE CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. STRAW BALE INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR SHALL BE REPLACED IF THEY SHOW SIGNS OF DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEEDED AS NEEDED.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
6. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT IN THE SEDIMENTATION BASINS SHALL NOT EXCEED THE SEDIMENTATION CLEANOUT LEVEL. (JOB SPECIFIC)
7. IF THE STONES IN THE GRAVEL INLET SEDIMENT FILTERS BECOME CLOGGED WITH SEDIMENT, THE STONES MUST BE PULLED AWAY, CLEANED AND REPLACED. (JOB SPECIFIC)
8. THE EMBANKMENT OF THE SEDIMENTATION BASIN SHALL BE CHECKED REGULARLY TO INSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. (JOB SPECIFIC)
9. SEDIMENT IN THE TEMPORARY SEDIMENT TRAP SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS REACHED AN ELEVATION OF APPROXIMATELY 50% OF STRUCTURE HEIGHT.
10. THE TEMPORARY SEDIMENT TRAP AND SEDIMENTATION BASIN STRUCTURES SHALL BE CHECKED REGULARLY TO INSURE THAT THEY ARE STRUCTURALLY SOUND AND HAVE NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT. (JOB SPECIFIC)

SEQUENCE OF CONSTRUCTION (JOB SPECIFIC): EXAMPLE

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
2. PREPARE TEMPORARY PARKING AND STORAGE AREA.
3. CONSTRUCT THE SILT FENCES ON THE SITE.
4. CONSTRUCT THE TEMPORARY SEDIMENTATION AND SEDIMENT TRAP BASINS.
5. CLEAR AND GRUB THE SITE.
6. BEGIN GRADING THE SITE.
7. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
8. TEMPORARILY SEED DENUDED AREAS.
9. INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
10. INSTALL INLET PROTECTION DEVICES.
11. INSTALL RIP RAP AROUND OUTLET STRUCTURES.
12. PREPARE SITE FOR PAVING.
13. PAVE SITE.
14. COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
15. REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).

| 9300 | 8/19/15 | TCO | TCO | RYE | RYE |
|---|---|---|---|---|---|
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# SILICA VALLEY RV/BOAT STORAGE

15206 SILICA ST.
ROGERS ARKANSAS, 72756

SITE GRADING & EROSION CONTROL

| REV DATE | SHEET NO. |
|---|---|
| 8/19/15 REV-0 | 2 OF 3 |

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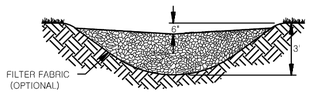
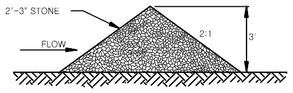
JOB # 9300 DRAWING: Prairie Creek-Site.dwg LAST SAVED BY: REVITTS

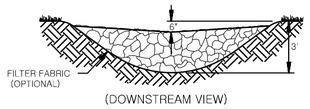
2 ACRES OR LESS OF DRAINAGE AREA




(DOWNSTREAM VIEW)




2-10 ACRES OF DRAINAGE AREA

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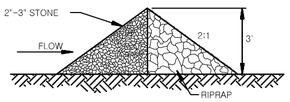
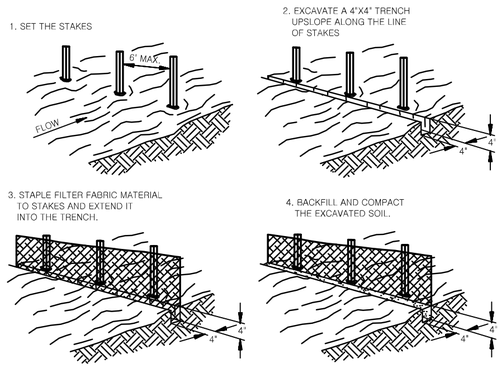


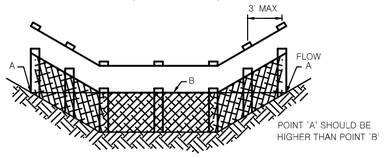

## ROCK CHECK DAM

N.T.S.

82H




SHEET FLOW INSTALLATION
(PERSPECTIVE VIEW)

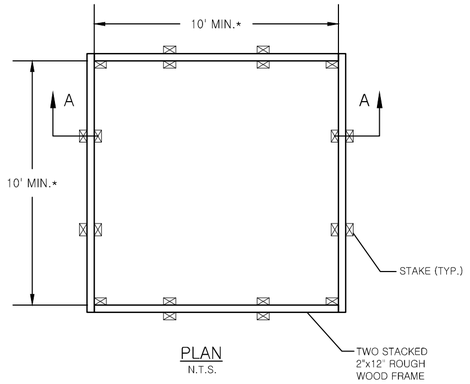



DRAINAGEWAY INSTALLATION
(FRONT ELEVATION)

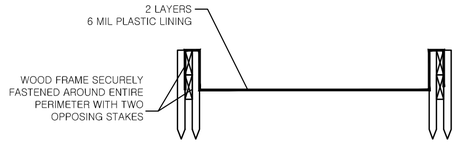
## TEMPORARY SILT FENCE BARRIER

N.T.S.

84B

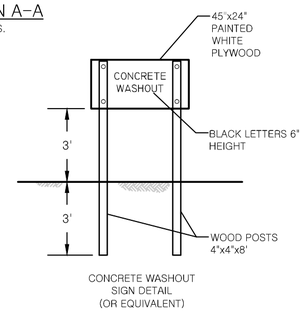



PLAN
N.T.S.




SECTION A-A
N.T.S.

NOTES:
1. *DENOTES THE INTERIOR DIMENSION.
2. CONCRETE WASHOUT SHALL BE AT LEAST 50 FT. FROM ANY STORM SEWER INLET.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.




CONCRETE WASHOUT SIGN DETAIL
(OR EQUIVALENT)

## TEMPORARY CONCRETE WASHOUT
(ABOVE GRADE)
N.T.S.

85C

| 9300 | 8/19/15 | TCO | TCO | RYE | RYE |
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# SILICA VALLEY RV/BOAT STORAGE

15206 SILICA ST.
ROGERS ARKANSAS, 72756

## EROSION CONTROL DETAILS

REV DATE 8/19/15 REV-0

SHEET NO. 3 OF 3

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