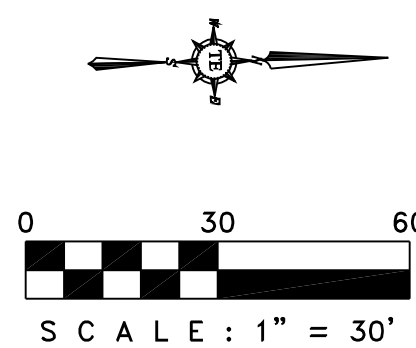


# MEDICAL OFFICES DEVELOPMENT

1.46 ACRES PORTION OF  
LOT 2, BLOCK "A" ROCKWALL ASSISTED LIVING ADDITION  
CITY OF ROCKWALL, ROCKWALL COUNTY, TX



## EROSION & SEDIMENT CONTROLS

### 1. SOIL STABILIZATION PRACTICES:

(Select T = Temporary or P = Permanent, as applicable)

T	TEMPORARY SEEDING	—	PRESERVATION OF NATURAL RESOURCES
—	MULCHING (Hay or Straw)	—	FLEXIBLE CHANNEL LINER
—	BUFFER ZONES	—	RIGID CHANNEL LINER
P	PLANTING	—	SOIL RETENTION BLANKET
—	SEEDING	—	COMPOST MANUFACTURED TOPSOIL
—	SODDING	—	EROSION CONTROL BLANKET

### 2. STRUCTURAL PRACTICES:

(Select T = Temporary or P = Permanent, as applicable)

T	SILT FENCES	—	DIVERSION, INTERCEPTOR, OR PERIMETER DIKES
—	HAY BALES	—	DIVERSION, INTERCEPTOR, OR PERIMETER SWALES
—	ROCK FILTER DAMS	—	DIVERSION DIKE AND SWALE COMBINATIONS
—	PIPE SLOPE DRAINS	—	ROCK BEDDING AT CONSTRUCTION EXIT
—	PAVED FLUMES	—	TIMBER MATTING AT CONSTRUCTION EXIT
—	CHANNEL LINERS	—	STONE OUTLET STRUCTURES
—	SEDIMENT TRAPS	—	VELOCITY CONTROL DEVICES
—	SEDIMENT BASINS	P	CURBS AND GUTTERS
P	STORM SEWERS	—	STORM INLET SEDIMENT TRAP
T	INLET PROTECTION	T	CONSTRUCTION ENTRANCE

## SITE EROSION CONTROL SUMMARY

**PROJECT NAME & LOCATION:** MEDICAL OFFICE  
3018 RIDGE ROAD  
ROCKWALL, TEXAS

**OWNER NAME & ADDRESS:** AJ SQUARE LLC  
3018 RIDGE ROAD, ROCKWALL, TX 75032

**PROJECT DESCRIPTION:** SITE GRADING OF 1.463 ACRE LOT, CONSTRUCTION OF PARKING LOT, UNDERGROUND AND ABOVE GROUND UTILITIES, & PROPOSED 12,606 SF +/- BUILDING.

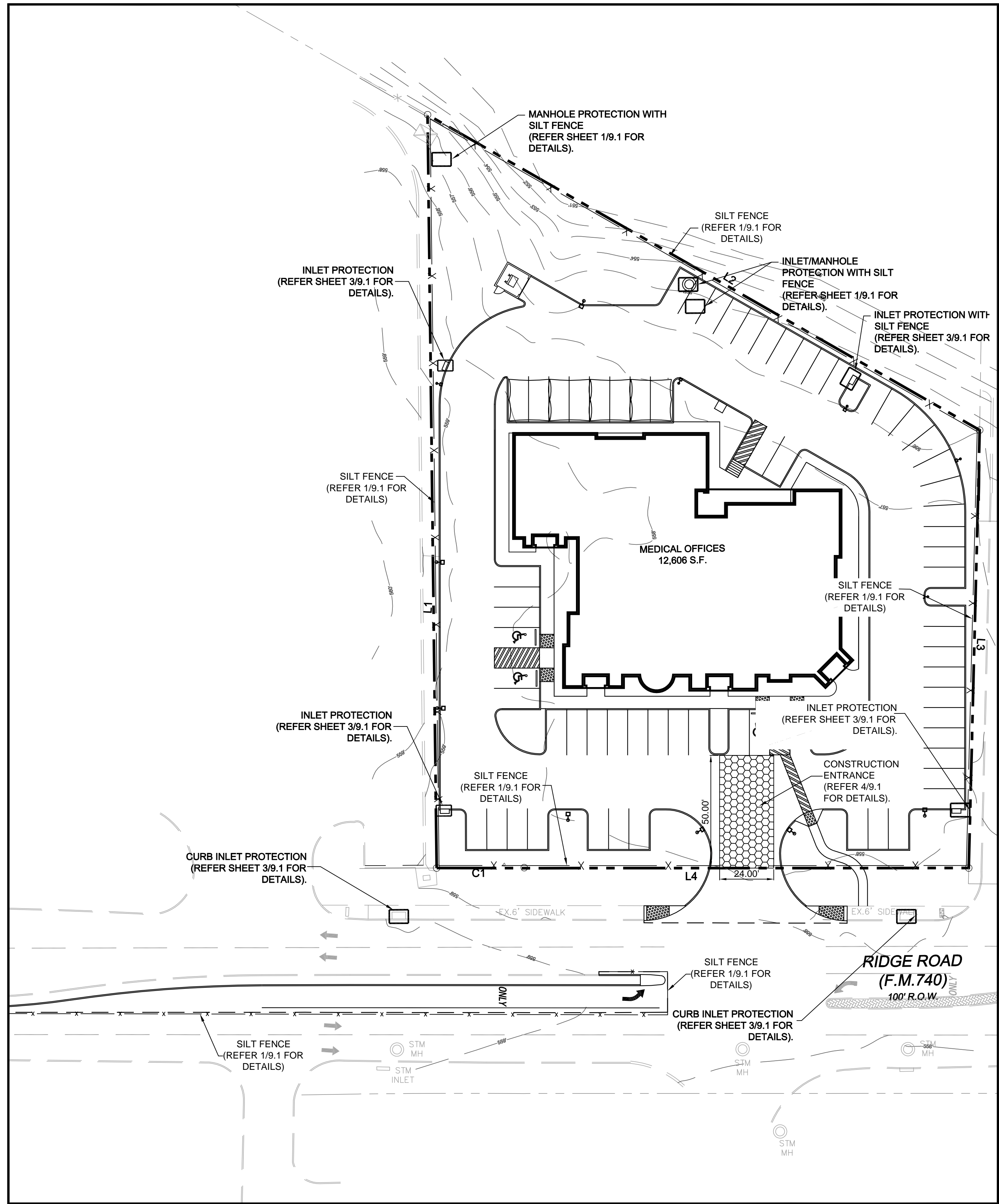
**SEQUENCE OF MAJOR ACTIVITIES:** THE CONTRACTOR WILL SCHEDULE THE PROJECT IN A SERIES OF PHASES. IN GENERAL, THE SEQUENCE OF THESE PHASES WILL CONSIST OF: 1. INSTALL EROSION CONTROL BMP 2. EARTHWORK 3. UTILITIES 4. SITE GRADING 5. TEMPORARY PERMANENT DRIVEWAY, PARKING LOT 6. BUILDING FOUNDATION PAD 7. VERTICAL BUILDING CONSTRUCTION 8. FINALIZE UTILITIES 9. REMOVAL OF EXISTING EROSION CONTROL BMP & INSTALLATION OF PERMANENT EROSION CONTROL BMP.

**SOIL DISTURBING ACTIVITIES:** SOIL DISTURBING ACTIVITIES WILL INCLUDE CLEARING & GRUBBING, GRADING, TRENCHING IN PREPARATION FOR INSTALLING UTILITIES, BUILDING PAD, PARKING LOT, EROSION & SEDIMENTATION CONTROLS AND TOPSOIL WORK FOR FINAL PLANTING AND SEEDING.

**PRE-DEVELOPMENT RUNOFF COEFFICIENT:** 0.35  
**POST-DEVELOPMENT RUNOFF COEFFICIENT:** 0.90

**TOTAL PROJECT AREA:** 1.463 ACRES  
**TOTAL AREA TO BE DISTURBED:** 1.50 ACRES

**NAME OF THE RECEIVING WATERS:** NOT AVAILABLE  
**ESTIMATED PROJECT START DATE:** MAY 1ST, 2014.  
**ESTIMATED PROJECT END DATE:** NOVEMBER 30TH, 2014



## EROSION CONTROL NOTES:

- EVERY SOIL DISTURBING ACTIVITY SHALL HAVE AN ACCOMPANYING EROSION CONTROL PLAN (ECP), AND EITHER CONSTRUCTION SITE NOTICE (CSN) FOR THOSE ACTIVITIES DISTURBING MORE THAN 1 BUT LESS THAN 5 ACRES, OR NOTICE OF INTENT (NOI) FOR THOSE ACTIVITIES DISTURBING 5 OR MORE ACRES INCLUDING THOSE ACTIVITIES LESS THAN 5 ACRES, BUT A PART OF A COMMON PLAN OF DEVELOPMENT TOTALING 5 OR MORE ACRES. A COPY OF THE APPROPRIATE CSN OR NOI SHALL BE PROVIDED TO THE ROCKWALL PRIOR TO ISSUANCE OF A GRADING PERMIT. THE ECP SHALL BE PROVIDED TO ROCKWALL'S EROSION CONTROL OFFICER (ECO) PRIOR TO GRADING.
- THE CSN OR NOI SHALL BE POSTED IN A LOCATION VIEWABLE TO THE PUBLIC UNTIL CONSTRUCTION IS COMPLETE AND NOTICE OF TERMINATION (NOT) SUBMITTED. THE STORM WATER POLLUTION PREVENTION PLAN (SWP3) SHALL BE READILY AVAILABLE FOR REVIEW BY FEDERAL, STATE, OR LOCAL OFFICIALS.
- NO SOIL DISTURBING ACTIVITIES WILL OCCUR PRIOR TO THE SWP3, ECP, AND ASSOCIATED BEST MANAGEMENT PRACTICES (BMP) BEING FULLY IMPLEMENTED, AND THEN INSPECTED BY ROCKWALL'S ECO.
- THE CONTRACTOR SHALL COMPLY WITH THE ROCKWALL'S STORM WATER ORDINANCE, THE TPDES GENERAL CONSTRUCTION PERMIT TXR150000 AND ANY OTHER STATE AND/OR LOCAL REGULATIONS.
- THE SITE SHALL BE REVIEWED BY THE OPERATOR OR HIS REPRESENTATIVE WEEKLY, AND AFTER ANY MAJOR STORM. ADJUSTMENTS/REPAIRS TO THE EROSION CONTROL MEASURES WILL BE MADE AS NEEDED. THE CONTRACTOR SHALL NOTIFY ROCKWALL ECO OF ADJUSTMENTS/REPAIRS SUCH THAT THE ADJUSTMENTS/REPAIRS MAY BE INSPECTED AND APPROVED BY THE ECO.
- CONTRACTOR SHALL VEGETATE ALL DISTURBED AREAS IMMEDIATELY UPON COMPLETION OF GRADING ACTIVITIES. FINAL ACCEPTANCE OF A SITE SHALL BE CONTINGENT UPON VEGETATION BEING ESTABLISHED TO 75-80% COVERAGE AND 1" MIN. HEIGHT, IN ALL DISTURBED AREAS, AND PROPER NOT SUBMITTED TO THE STATE. A COPY OF THE NOT SHALL BE PROVIDED TO THE ROCKWALL.
- ALL NON-IMPERVIOUS AREAS AFTER CONSTRUCTION SHALL BE COVERED WITH SOD OR LANDSCAPED IN ACCORDANCE WITH THE LANDSCAPE DRAWINGS. ALL OTHER REMAINING AREAS SHALL BE HYDROMULCHED OR COVERED WITH CURLEX BLANKET (WHERE SHOWN OR PROVIDE MAP SHOWING) AND MAINTAINED UNTIL ESTABLISHED.
- TEMPORARY STONE STABILIZED CONSTRUCTION ENTRANCE SHALL HAVE THE FOLLOWING MINIMUM DIMENSIONS: 24" WIDE X 50' LONG X 12" DEEP. (4'-8" OPEN GRADED ROCK), PLACE FILTER FABRIC UNDER STONE. NO CRUSHED CONCRETE ALLOWED.
- THE STABILIZED CONSTRUCTION ENTRANCE IS TO BE USED AS A VEHICLE WASH DOWN AREA FOR DEBRIS AND SOIL REMOVAL PRIOR TO EXITING THE SITE. THIS STABILIZED ENTRANCE SHALL BE TOP DRESSED WITH ADDITIONAL STONE AS NECESSARY. LOCATION OF STABILIZED ENTRANCE MAY BE MODIFIED IF APPROVED BY THE ROCKWALL AND THE DESIGN ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE, AS THE ENTITY EXERCISING OPERATIONAL CONTROL, FOR ALL PERMITTING AS REQUIRED BY THE EPA/TCEQ. THIS INCLUDES, BUT IS NOT LIMITED TO, PREPARATION OF NOI AND NOT PAYMENT OF ALL ASSOCIATED FEES.

### LEGENDS

C.S.N.	CONSTRUCTION SITE NOTICE
E.P.A.	ENVIRONMENTAL PROTECTION AGENCY
T.C.E.Q.	TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
N.O.T.	NOTICE OF TERMINATION
N.O.I.	NOTICE OF INTENT
E.C.O.	EROSION CONTROL OFFICER
B.M.P.	BEST MANAGEMENT PRACTICE

### LEGEND

— x —	SILT FENCE
[Pattern]	CONCRETE SITE ENTRANCE (50'X24'X12")
[Symbol]	INLET PROTECTION.

ASBUILT DRAWINGS:  
TO THE BEST OF OUR KNOWLEDGE TRIANGLE ENGINEERING LLC, HEREBY STATES THAT THIS PLAN IS ASBUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

KARTAVYA S. PATEL P.E. NO. 97534

**TRIANGLE ENGINEERING, LLC.**  
TX PE FIRM # 11525  
1509 ASTORIA DRIVE, ALLEN, TX 75013  
PHONE: 214-609-9271

No.	DATE	DESCRIPTION
1	05/25/2015	FINAL ASBUILT SUBMITTAL

06/25/2015

**MEDICAL OFFICE**  
**3018 RIDGE ROAD**  
**ROCKWALL, TEXAS**

EROSION CONTROL PLAN	PROJECT No:	DATE:	DRAWN BY:	CHECKED BY:
13-035	06/25/2015	KP	KP	

SHEET #	REVISION #
<b>9</b>	