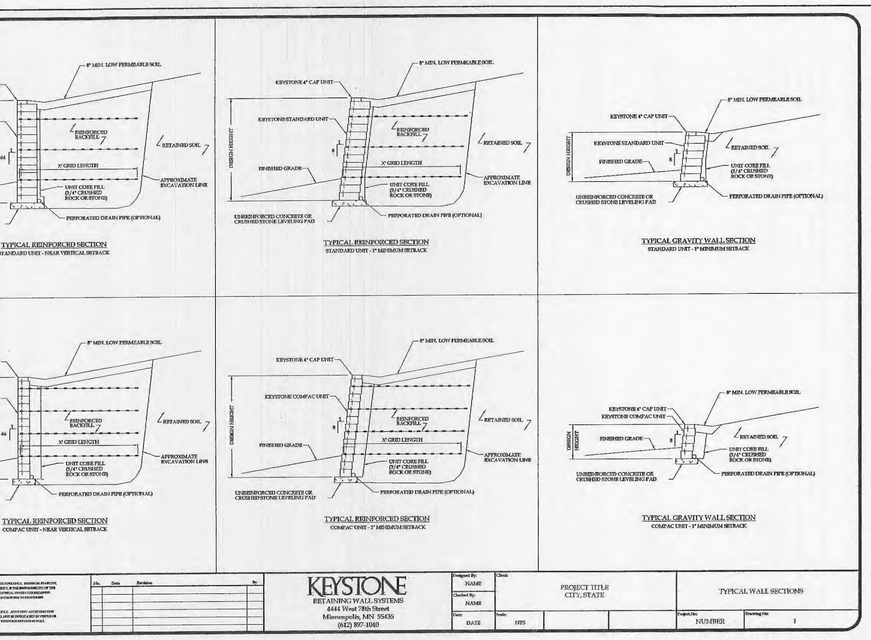



KEYSTONE
RETAINING WALL SYSTEMS
4444 West 78th Street
Minneapolis, MN 55435
(612) 897-1040

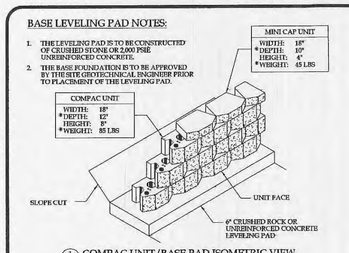
Designed By: NAME
Checked By: NAME
Date: DATE
Scale: NTS
Client: PROJECT TITLE CITY, STATE
TYPICAL WALL SECTIONS
Project No.: NUMBER
Drawing No.: 3

BASE LEVELING PAD NOTES:

1. THE LEVELING PAD IS TO BE CONSTRUCTED OF CRUSHED STONE OR 2,000 PSIE UNREINFORCED CONCRETE.
2. THE BASE FOUNDATION IS TO BE APPROVED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF THE LEVELING PAD.

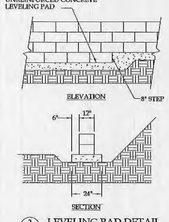
COMPAC UNIT
WIDTH: 18"
*DEPTH: 12"
HEIGHT: 8"
*WEIGHT: 85 LBS

MINI CAP UNIT
WIDTH: 18"
*DEPTH: 10"
HEIGHT: 4"
*WEIGHT: 45 LBS

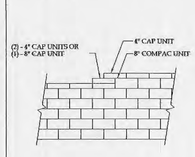



1/5 COMPAC UNIT/BASE PAD ISOMETRIC VIEW
SCALE: 3/8" = 1'-0"

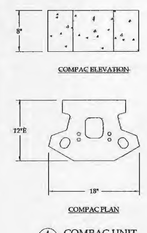
*DIMENSIONS & WEIGHT MAY VARY BY REGION




2/5 LEVELING PAD DETAIL
SCALE: 1/4" = 1'-0"



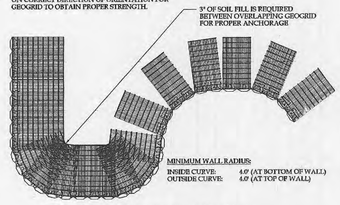

3/5 TOP OF WALL STEPS
SCALE: 1/4" = 1'-0"



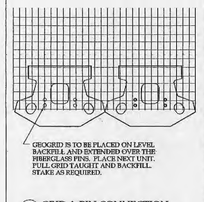

4/5 COMPAC UNIT
SCALE: 1" = 1'-0"

NOTE:

1. CHECK WITH MANUFACTURER SPECIFICATIONS ON CORRECT DIRECTION OF ORIENTATION FOR GEOGRID TO OBTAIN PROPER STRENGTH.



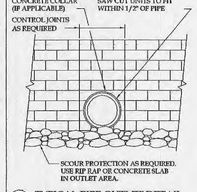

5/5 GEOGRID INSTALLATION ON CURVES
SCALE: 5/32" = 1'-0"




6/5 GRID & PIN CONNECTION
SCALE: 1" = 1'-0"

NOTE:

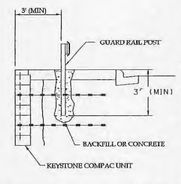
1. FOR PIPES LARGER THAN 24", A CONCRETE COLLAR MAY BE CAST AROUND PIPE FOR EASE OF CONSTRUCTION AND APPEARANCE.




7/5 TYPICAL PIPE OUTLET DETAIL
SCALE: 1/4" = 1'-0"

NOTE:

1. AUGER THROUGH GEOGRID LAYERS.
2. BACKFILL OR CONCRETE GUARD RAIL POST IN PLACE




8/5 TYPICAL GUARD RAIL DETAIL
SCALE: 1/4" = 1'-0"

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KEYSTONE
RETAINING WALL SYSTEMS
4444 West 78th Street
Minneapolis, MN 55435
(612) 897-1040

Designed By: NAME
Checked By: NAME
Date: DATE
Scale: AS NOTED
Client: PROJECT TITLE CITY, STATE
TYPICAL COMPAC UNIT DETAILS
Project No.: NUMBER
Drawing No.: 5

**CAUTION!!!**

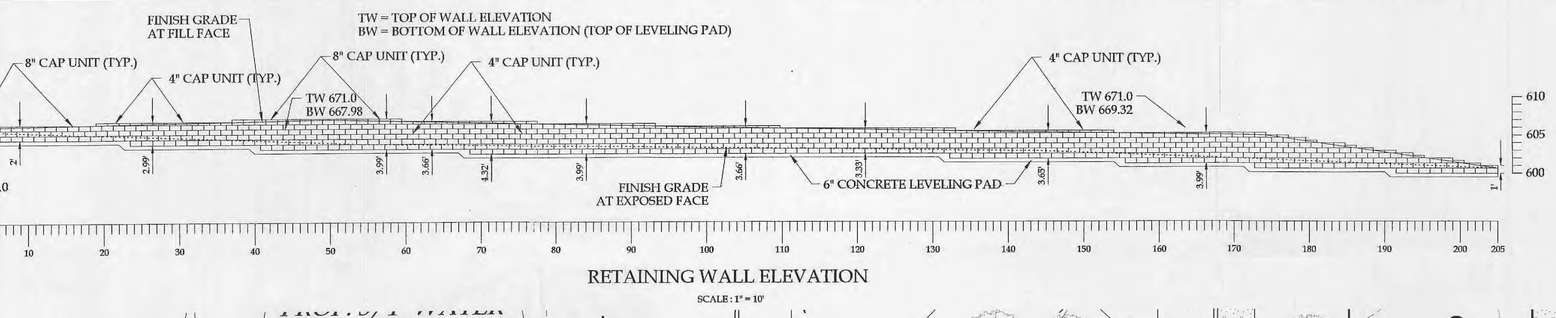
CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING EXCAVATION OPERATIONS TO AVOID AND PROTECT EXISTING UNDERGROUND UTILITIES.

The underground utilities shown herein were plotted from available information and do not necessarily reflect the actual existence, nonexistence, size, type, number, or location of these or other utilities. The general contractor shall be responsible for verifying the actual location of all underground utilities, shown or not shown, and said utilities shall be located in the field prior to any grading, excavation, or construction of improvements. These provisions shall in no way absolve any party from complying with the Underground Facility Safety and Damage Prevention Act, Chapter 319, RSMo.

SCALE 1" = 10'

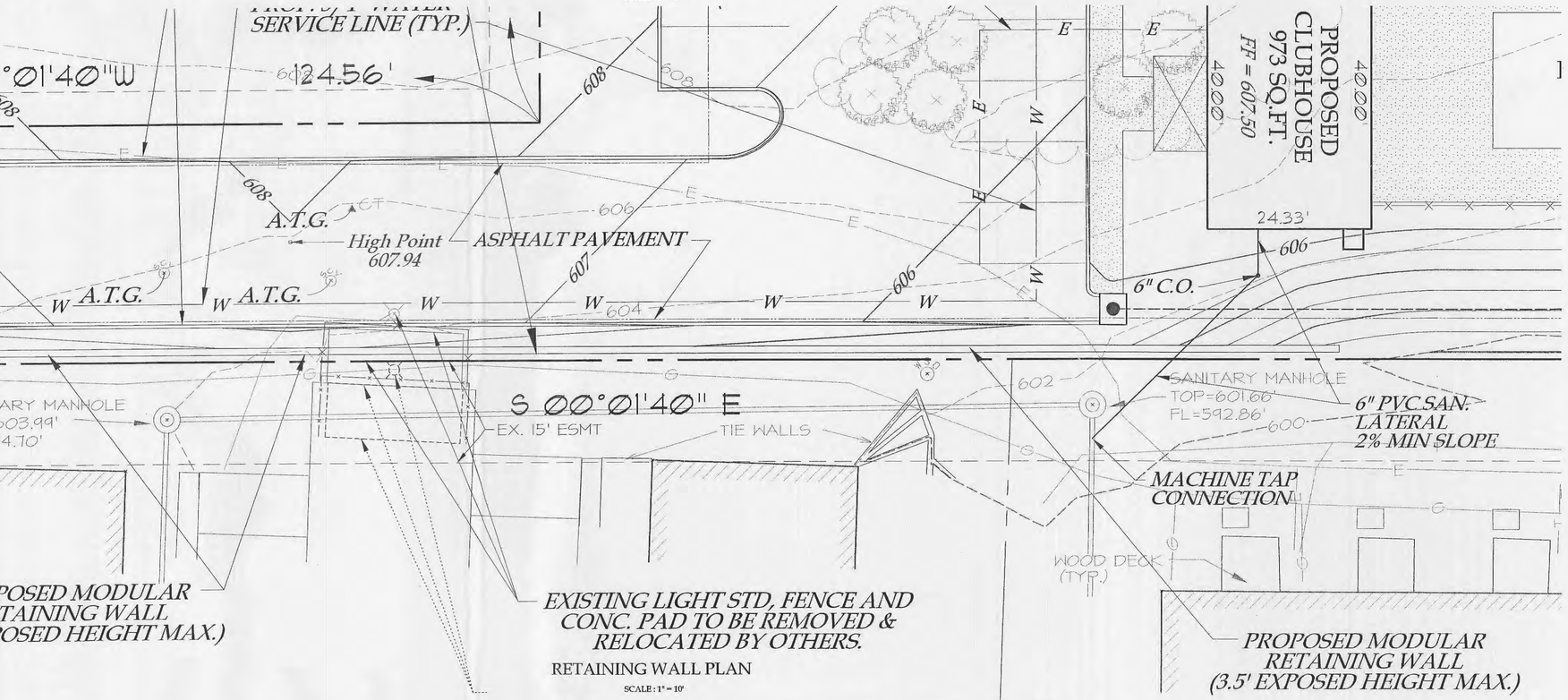
0 2.5 5 10 20 30 40

GRAPHIC SCALE IN FEET




RETAINING WALL ELEVATION

SCALE: 1" = 10'




RETAINING WALL PLAN

SCALE: 1" = 10'

NOTE: THE ENGINEERS SEAL HEREON PERTAINS ONLY TO THE PROPOSED GRADING AND SITE LAYOUT. THE RETAINING WALL DETAILS HAVE BEEN SHOWN FOR REFERENCE ONLY AND HAVE BEEN OBTAINED FROM THE MANUFACTURER.

Address of Site:
1361 Sunburst Drive
O'Fallon, MO 63366

STATE OF MISSOURI JAMES A. FISCHER NUMBER E-20332 REGISTERED PROFESSIONAL ENGINEER
01/23/02

SDE

SITE DEVELOPMENT ENGINEERING, INC.

PLANNING • SURVEYING • CIVIL ENGINEERING

12221 Big Bend Road
St. Louis, Missouri 63122
314-822-4800
Fax 314-822-9266

Common Ground Amenities at Sunset Ridge Estates

DATE: July 25, 2001
CHECKED BY: SDR
JOB NO.: 201-023
DRAWN BY: JJA
SCALE: 1" = 10'

RETAINING WALL PLAN

REV.: December 18, 2001 City of O'Fallon Comments
January 4, 2002 City of O'Fallon Comments
January 23, 2002 City of O'Fallon Comments

SHEET: C6

I:\SDE\RETAINING WALL PLAN.dgn 01/23/02 11:15:22 AM