

SITE PLAN

For : Enzoco Corp. CLIENT
12021 Ravenna Rd. Munson
ADDRESS STREET CITY

23 52 27
SUBLOT No. SUBDIVISION NAME VOL. PAGE
Concord
CITY/TOWNSHIP OHIO

Prepared By:
LAND DESIGN consultants
Civil Engineers and Surveyors
6555 SYLVAN AVE., MENTOR, OHIO 44060
TELEPHONE: 255-5455 354-9529 951-LAND

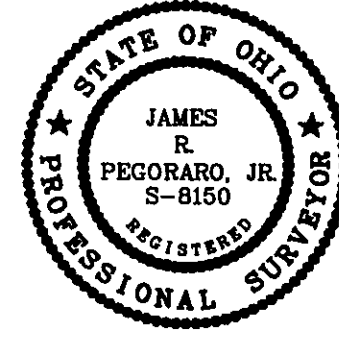
DESIGN CERTIFICATION

THIS PLAN WAS PREPARED BY ME, AND IS CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

James R. Gills 7-26-07
NAME

CHECK LIST

LOT DIMENSIONS & BEARINGS
TO NEAREST STREET
SUBLOT NO. (PERMITS)
SURROUNDING OWNERS
SLOPE INDICATIONS
SETBACK, SETBACK, REMAINING
DRAINAGE SERVICES
DRAINAGE SERVICE TYPE, WIDTH, THICKNESS
DRAINAGE TYPE, WIDTH, THICKNESS
DRAINAGE TYPE, WIDTH, THICKNESS
WATER MAIN SIZE LOCATION
SAN. SEWER SIZE, S. SPACING, LOC.
SAN. GAS. SIZE, S. SPACING, LOC.
STORM SAN. GAS. SIZE, S. SPACING, LOC.
WATER MAIN, GAS. COPIES
GAS LINE LOC. SIZE
SEWER SYSTEM & DRAINAGE
WELL LOCATION & COLLAR MARKS



"AS BUILT" CERTIFICATION

I HEREBY CERTIFY THAT THE CIRCLED INFORMATION IS
EXISTING AS OBTAINED ON THE SITE
AND IS CORRECT TO THE BEST OF MY KNOWLEDGE
AND BELIEF.

NAME		
LEGEND	DRAWN BY	SCALE
	CHKD BY/FIELD	DATE
1	Site/Gde	7/10/07
	Rev.Gde	7/26/07

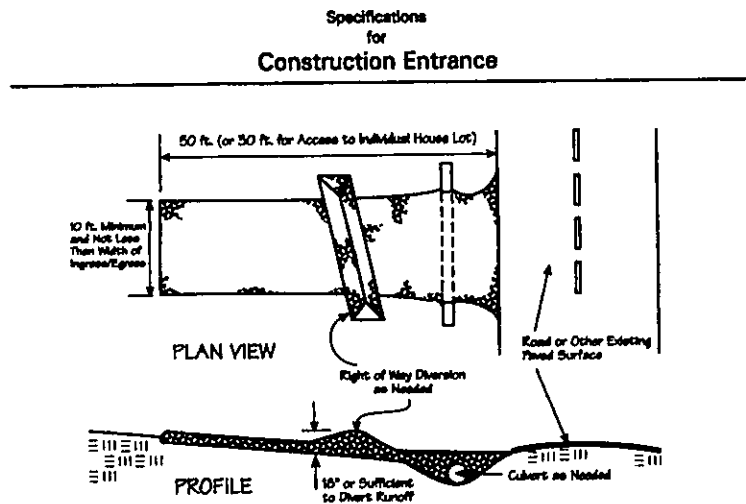
BENCHMARK:

Rim of Sanitary Manhole Shown

Specifications for Temporary Seeding			
Seeding Dates	Species	Lb./1,000 ft. ²	Per Ac.
March 1 to August 15	Cats	3	4 bushel
	Tall Fescue	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
August 16 to November 1	Rye	3	2 bushel
	Tall Fescue	1	40 lb.
	Perennial Ryegrass	1	40 lb.
	Tall Fescue	1	40 lb.
November 1 to Spring Seeding Use much only, sodding practices or dormant seeding.			

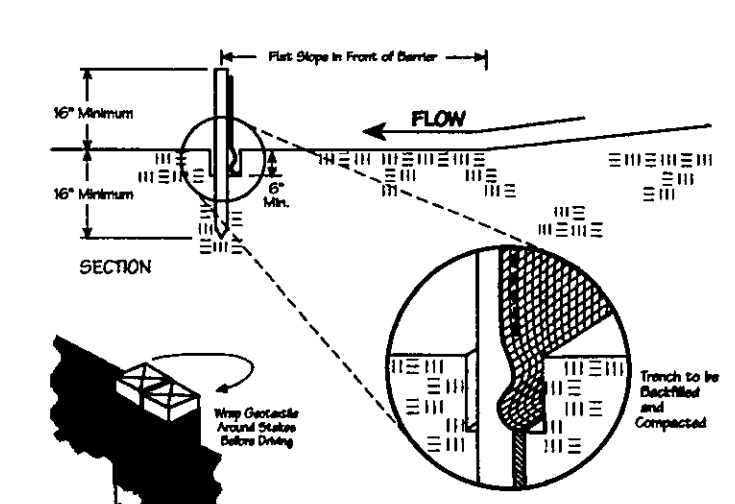
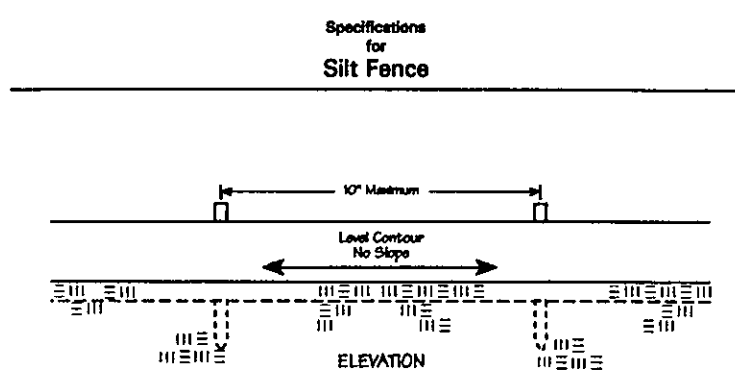
1. Structural erosion- and sediment-control practices such as diversions and sediment traps shall be installed and stabilized with temporary seeding prior to grading the rest of the construction site.
2. Temporary seed shall be applied between construction operations on soil that will not be graded or reworked for 45 days or more. These life areas should be seeded as soon as possible after grading or shall be seeded within 7 days. Several applications of temporary seeding are necessary on typical construction projects.
3. The seedbed should be pulverized and loose to ensure the success of establishing vegetation. However, temporary seeding shall not be postponed if seed seedbed preparation is not possible.
4. Soil Amendments-Applications of temporary vegetation shall establish adequate stands of vegetation which may require the use of soil amendments. Soil tests should be taken on the site to predict the need for lime and fertilizer.
5. Seeding Method-Seed shall be applied uniformly with a cyclone seeder, drill, strip-till seeder, or hydro-seeder. When feasible, seed that has been broadcast shall be covered by raking or dragging and then lightly tamped into place using a roller or compactor. If hydro-seeding is used, the seed and fertilizer will be mixed on-site and the seeding shall be done immediately and without interruption.

TEMPORARY SEEDING - PAGE 174

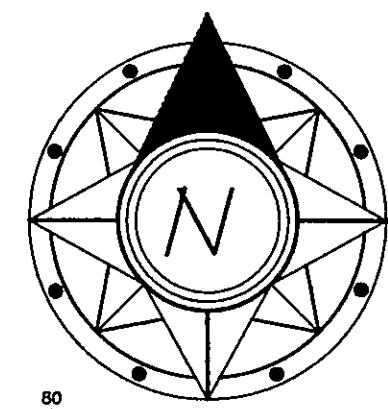
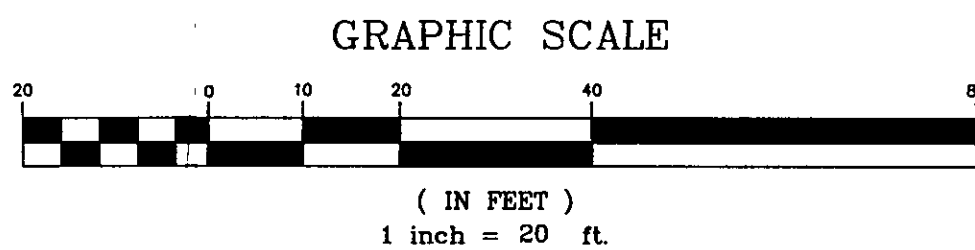


1. Stone Size-Two-inch stone shall be used, or recycled concrete equivalent.
2. Length-The construction entrance shall be as long as required to stabilize high traffic areas but not less than 50 ft. (except on single residence lots where a 30-ft. minimum length apply).
3. Thickness-The stone layer shall be at least 6 in. thick.
4. Width-The entrance shall be at least 10 ft. wide, but not less than the full width at points where ingress or egress occurs.
5. Seeding-A geotextile shall be placed over the entire area prior to placing stone. It shall have a Grab Tensile Strength of at least 200 lb. and a Mullen Burst Strength of at least 150 lb.
6. Culvert-A pipe or culvert shall be constructed under the entrance if needed to prevent surface water flowing across the entrance from being directed out onto paved surfaces.

CONSTRUCTION ENTRANCE - PG 158



SILT FENCE - PAGE 170



I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 6", 1", OR 2" CONTOURS, AND ELEVATIONS SHOWN HEREON, REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 18TH DAY OF JUNE, 2007 AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

James R. Gills
James R. Gills, Jr., P.E. 5/15/07

NOTE: THE CONTRACTOR/BUILDER SHALL NOTIFY THE APPROVING ENGINEER IF GROUNDWATER IS OBSERVED DURING THE EXCAVATION OF THE BASEMENT.
-Contractor To Verify Depth And Location Of Utility Connections;
-See Architect Plans For Complete House Dimensions.

CONCORD TOWNSHIP ZONING OFFICE
Zoning Permit # 0107-13247
Date Issued 7/31/07
Subject to Approval By:
☒ Lake Co. Engineer/Storm Water Mgmt.
☒ Lake Co. Utilities Dept.
☒ Lake Co. Soil + Water District
☒ Lake Co. Health District
☒ Lake Co. Building Dept.

Footer Note: Deepen footers as necessary to ensure they are in stable and virgin ground.

Abbreviated Site Plan - Erosion and Sediment Control Notes (Individual Homesites) (5-13-05)

Ingress-Egress

A stone access drive complete with under lying geo-textile fabric (20 feet wide and 50 feet long) for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site.

Silt Fence

All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street.

Temporary Seeding

Disturbed areas of the site that are to remain idle for more than Twenty-one (21) days shall be properly seeded and straw mulched within seven (7) days of completion of initial grading. Temporary seeding and mulching of a thirty (30) foot strip of the entire front of the lot shall be maintained on the site once initial grading is complete.

Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the site is to remain inactive for longer than fourteen (14) days.

Mulching

Straw mulch shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet of the entire length of the lot. Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

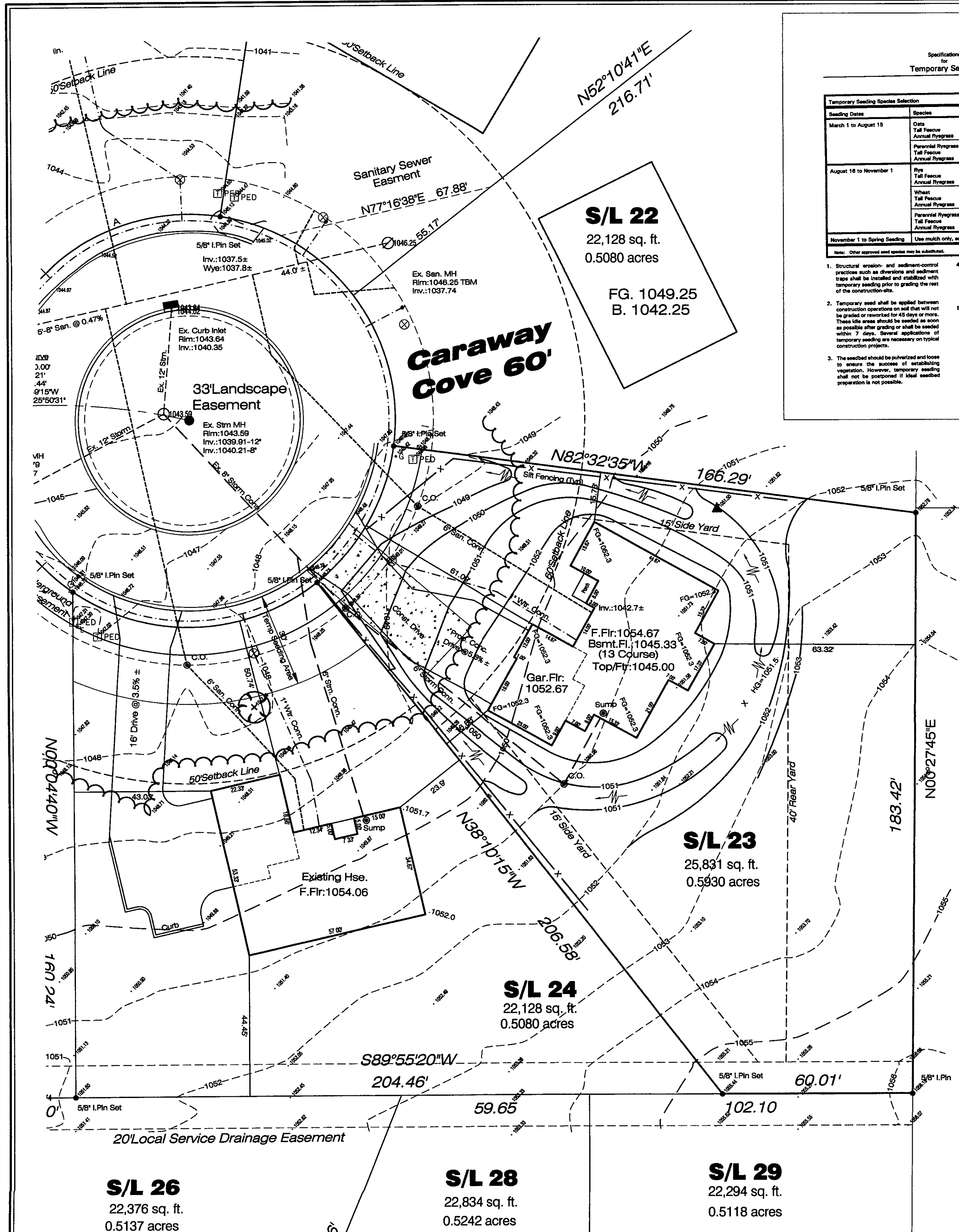
Maintenance

Erosion and sediment controls shall be inspected every seven (7) days or within 24 hours of a 0.5" or greater rainfall event. Necessary repairs shall be made at this time.

Note:

All erosion and sediment control specifications, applications, and timetables are based of the descriptions and standards of The Ohio Department of Natural Resources "Rainwater and Land Development Manual" and can be found in the Lake County Erosion and Sediment Control Rules as adopted December 21, 1999.

The specified erosion and sediment control standards are general guidelines and shall not limit the right of the county to impose, at any time, additional, more stringent requirements. Nor shall the standards limit the right of the county to



EXISTING UNDERGROUND UTILITIES NOTE:
THE SIZE & LOCATION, BOTH HORIZONTAL AND VERTICAL, OF THE UNDERGROUND UTILITIES SHOWN HEREON, HAVE BEEN OBTAINED BY A SEARCH OF AVAILABLE RECORDS. VERIFICATION BY FIELD OBSERVATION HAS BEEN CONDUCTED WHERE PRACTICAL, HOWEVER, LDC INC. DOES NOT GUARANTEE THE COMPLETENESS NOR ACCURACY THEREOF.

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE



DWG. NAME
Enzoc1-0601-23