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JAMES P. SMITH
3140 SWEETWATER MESA
MALIBU, CA. 90265

Item V(g)
MRCA
4-2-2008

Jan. 7 , 08

Judi Tamasi
Santa Monica Mountains Conservancy
5750 Ramirez Canyon Road
Malibu , Ca. 90265

Extension of Sweetwater Mesa Road

Dear Judi ,

I am enclosing information relating to the proposed extension of Sweetwater Mesa to the Los Angeles County line . About 535 feet of this road will be over a 40 foot wide easement on Conservancy property . I have made 3 exhibits .

EXHIBIT A

The Conservancy property lines are in red. The existing 40 foot easement is pink and is approximately 535 feet long . The proposed new location is in green and is approximately 275 feet long . If the location is moved a section of road about 260 feet in length within the Conservancy property could be eliminated . This is the section between the red arrows . In addition , the present easement location has 390 feet of proposed walls on the Conservancy property ranging up to 10 feet in height . The present easement location to the South of the Conservancy boundary will have nearly 500 feet more of walls up to 12 feet high , all highly visible . If the easement is also widened it will allow more design options where cut and fill slopes could be used and walls greatly reduced or eliminated . These slopes would reestablish with native vegetation and blend in with the surroundings .

EXHIBIT B

This is a section of the slide shown in orange over bedrock not colored . The present road location in the Conservancy property lies on top of the deepest area of slide , about 80 or 90 feet . This is arrow " 1 " . Moving the location as shown on Exhibit A to the green route would place the road on very little slide material . This is shown on arrow " 2 " . Additional geology exploration would be required but the safety factor of stability sought by the City would be simpler to achieve.

EXHIBIT C

This section shows where exploratory drilling was done . Three holes are shown : B-37 . B - 21 and B - 18 . These sites are also on Exhibit A with the depth to bedrock shown in triangles . B-37 was 60' to bedrock . B-21 was greater than 70 and B-18 was 48.5 feet . There is a lot of information on this exhibit which I can discuss if you would like .

Time is important since this might go before the Planning Commission in February .

Sincerely ,

Jim Smith

EXHIBIT "A"

Cal West (185 pages)

Drawer | Previous | Next | 80 Page | Back/Forward | Zoom In | Zoom Out | Tool Mode

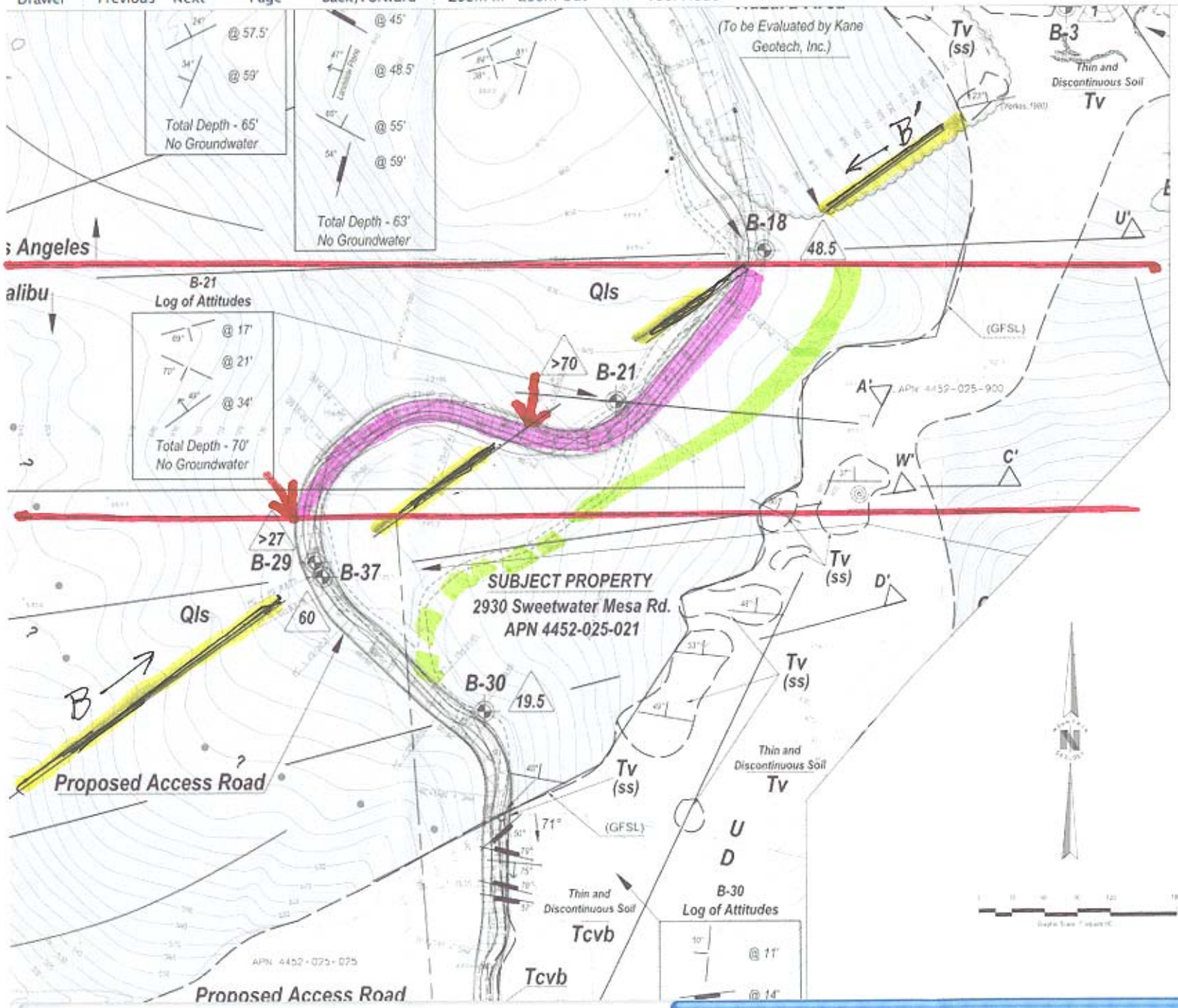


EXHIBIT "B"

1. Existing 40' easement location on slide
2. Proposed new location of easement over much shallower slide depth.

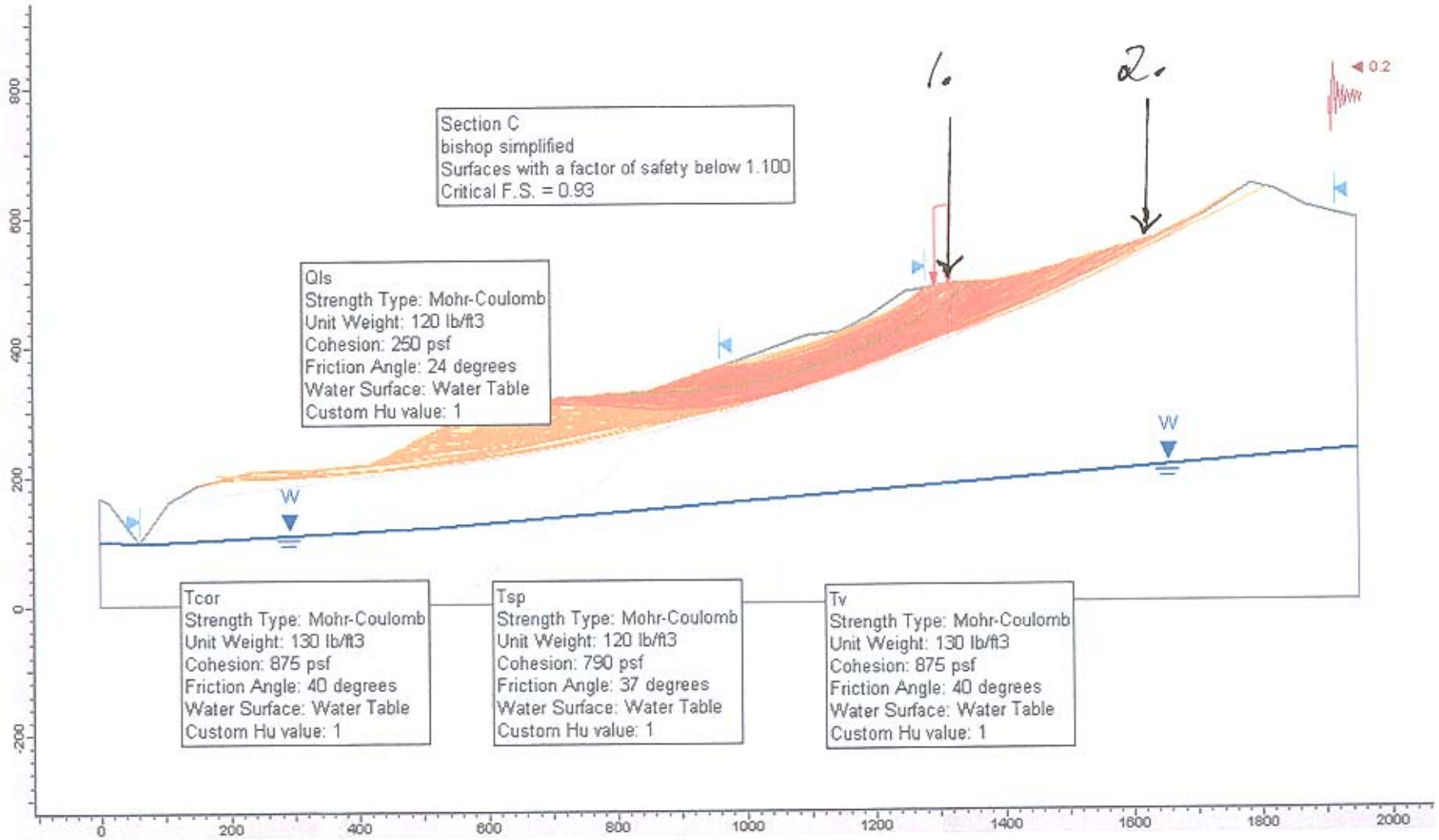
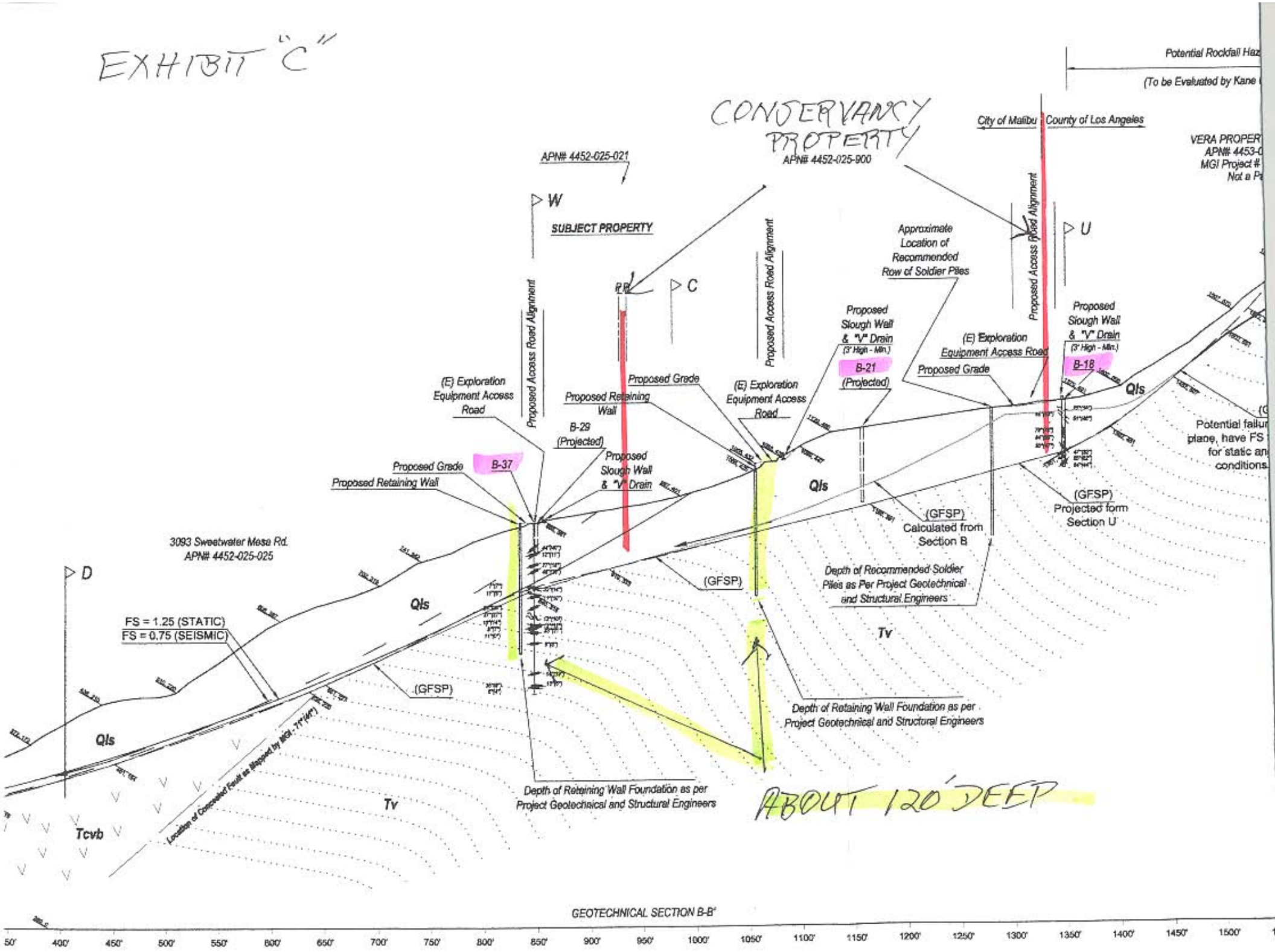


EXHIBIT "C"



CONSERVANCY PROPERTY
APN# 4452-025-900
APN# 4452-025-021
SUBJECT PROPERTY
W
C
U
D
City of Malibu
County of Los Angeles
Potential Rockfall Haz
(To be Evaluated by Kane
VERA PROPER
APN# 4453-0
MGI Project #
Not a P
Approximate Location of Recommended Row of Soldier Piles
Proposed Access Road Alignment
Proposed Slough Wall & "V" Drain
(3' High - Min.)
B-21
(Projected)
B-18
B-29
(Projected)
B-37
(E) Exploration Equipment Access Road
Proposed Grade
Proposed Retaining Wall
Proposed Slough Wall & "V" Drain
Qls
Tv
Tcvb
(GFSP)
(GFSP) Calculated from Section B
(GFSP) Projected form Section U
Depth of Recommended Soldier Piles as Per Project Geotechnical and Structural Engineers
Depth of Retaining Wall Foundation as per Project Geotechnical and Structural Engineers
3093 Sweetwater Mesa Rd.
APN# 4452-025-025
FS = 1.25 (STATIC)
FS = 0.75 (SEISMIC)
Location of Concealed Fault as Mapped by MGI - 71°(41°)
Potential failur
plane, have FS
for static an
conditions.
ABOUT 120' DEEP
GEOTECHNICAL SECTION B-B'
50' 400' 450' 500' 550' 600' 650' 700' 750' 800' 850' 900' 950' 1000' 1050' 1100' 1150' 1200' 1250' 1300' 1350' 1400' 1450' 1500'