

PLANS FOR THE TUMAMOC LANDFILL MAINTENANCE PROJECT

TUCSON, ARIZONA

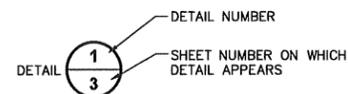
JANUARY 2013

ABBREVIATIONS

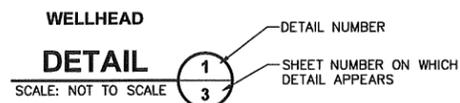
Ø/DIA	DIAMETER
DWG	DRAWING
ELEV	ELEVATION
E	EASTING
EG	EXISTING GRADE
FT	FEET
FG	FINAL GRADE
MIN	MINIMUM
N	NORTHING
%	PERCENT
S	SLOPE
SG	SUBGRADE
TYP	TYPICAL
WSEL	WATER SURFACE ELEVATION

DETAIL INDICATOR:

SHEET ON WHICH DETAIL IS REFERENCED:

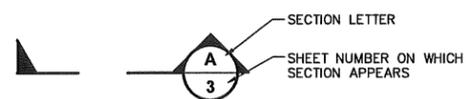


SHEET ON WHICH DETAIL APPEARS:

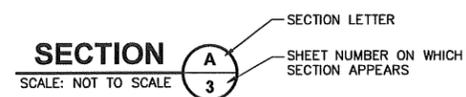


SECTION INDICATOR:

SHEET ON WHICH SECTION IS CUT:



SHEET ON WHICH SECTION APPEARS:

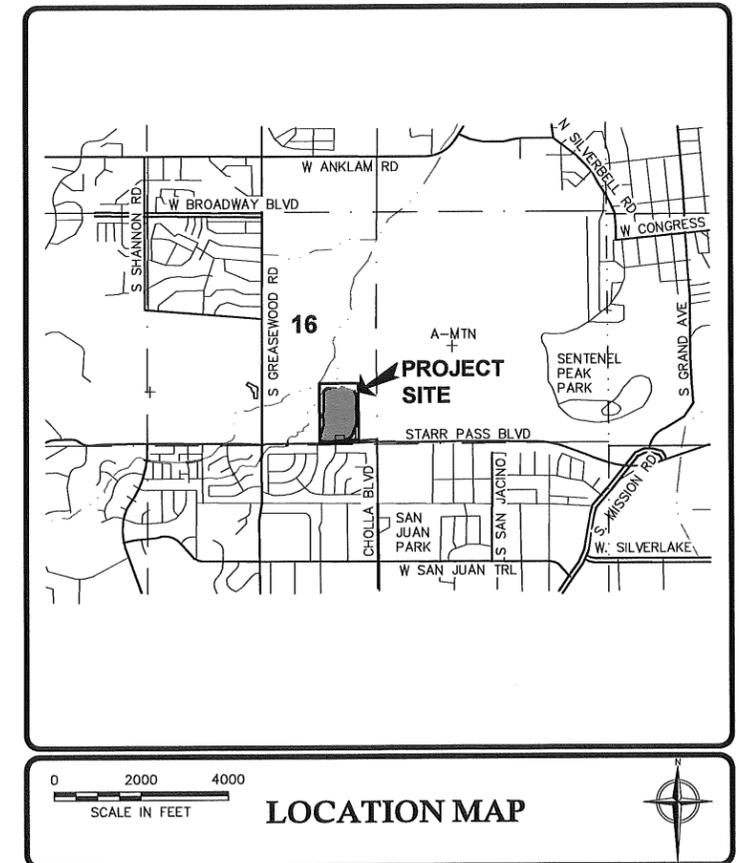


CORNERSTONE
Environmental Group, LLC

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INDEX OF DRAWINGS

1	EXISTING CONDITIONS PLAN
2	TOP OF INTERIM COVER PLAN
3	FINAL COVER PLAN
4	LANDFILL SECTIONS
5	DETAILS



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This drawing set was created for printing 22"x34" sheet size. If drawing size changes, scales may vary.

CARL E. BUETER, P.E.

P.E. Lic. No. 52080 Date

1" 1/2" 0" 1" X
 File: X:\PROJECTS\TUMAMOC\PROJECT_DOCUMENTS\TUMAMOC_COVERING.dwg User: Carl Bueter Date: 1/15/2013 10:32am



- LEGEND:**
- PROPERTY BOUNDARY
 - x-x-x- EXISTING FENCE
 - - - - - EXISTING INTERMEDIATE CONTOUR (C.I.=2FT)
 - - - - - EXISTING INDEX CONTOUR (C.I.=10FT)
 - EXISTING WASTE LIMIT FROM PLS
 - ADJUSTED WASTE LIMIT
 - ⊙ GAS MONITORING PROBE
 - ⊙ POWER POLE



TOPOGRAPHY PREPARED BY SUN MAPPING
DATED MARCH 20, 2006
ARIZONA STATE LAND (ASLD) TOPOGRAPHY
FROM ASHBY SURVEY

Ten working days before you dig,
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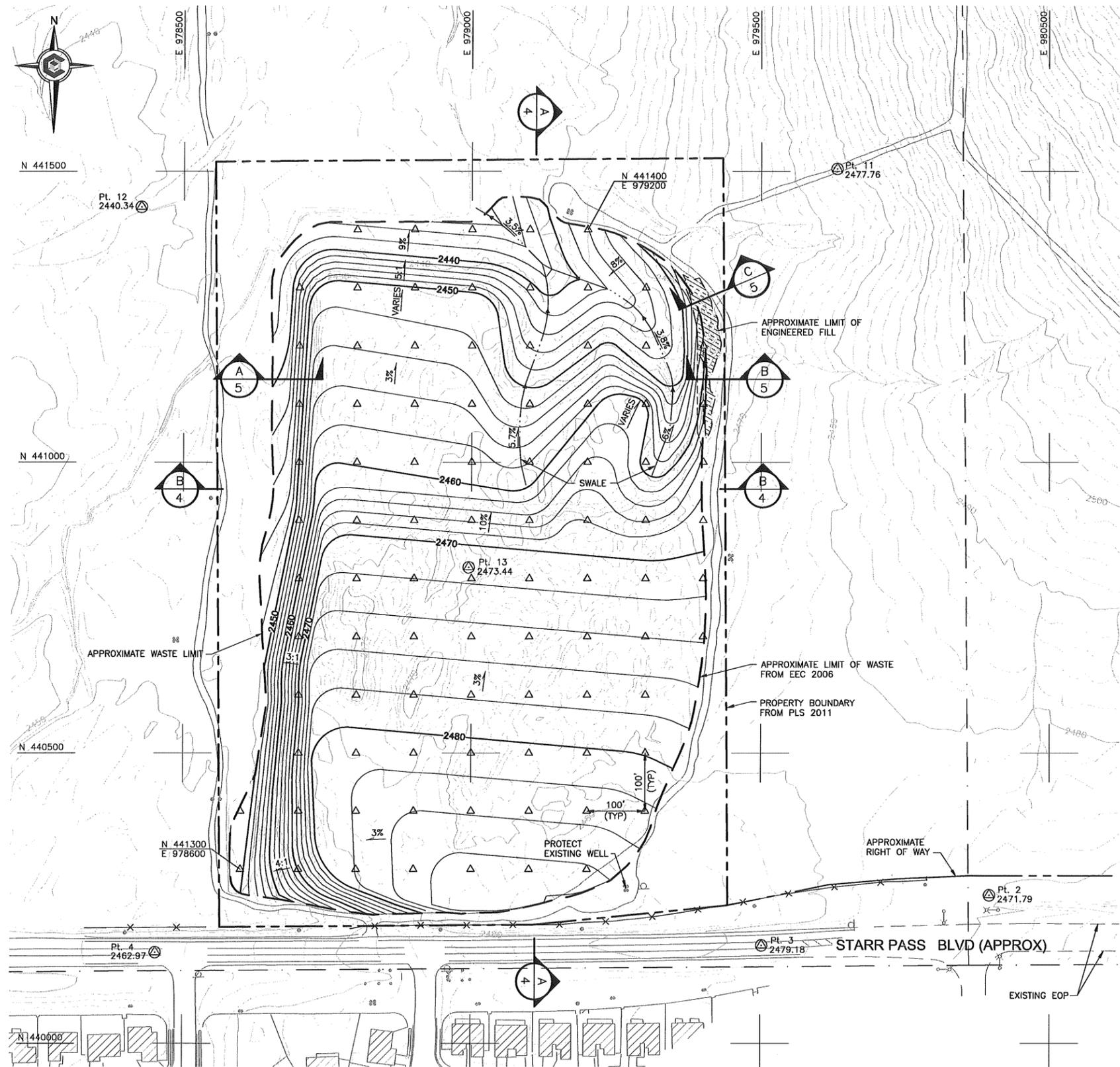


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CITY OF TUCSON
TUMAMOC LANDFILL
TUCSON, ARIZONA
TUMAMOC LANDFILL MAINTENANCE PROJECT
EXISTING CONDITIONS

SHEET NO.
1
PROJECT NO.
120275

Warning: IllegalMediasize
Warning: IllegalMediasize



NOTE:

1. INTERIM TOP OF WASTE CONTOURS SHOWN ON THIS SHEET ARE BASED ON AN EXISTING TOP SURFACE GRADE (TIN) SURFACE DEVELOPED FROM A TOPOGRAPHIC SURVEY BY SUN MAPPING DATED MARCH 20, 2006. THE PRECISION OF THE EXISTING GRADE SURFACE IS LIMITED BY THE SPACING OF SURVEY POINTS USED TO DEFINE THE SURFACE AND DOES NOT REFLECT CHANGED CONDITIONS DUE TO SUBSEQUENT SETTLEMENT AND/OR GRADING ACTIVITY AT THE SITE. THE CONTROLLING DESIGN INTENT IS TO PLACE THE COVER SECTION SHOWN ON DETAIL 1, SHEET 5 AT A MINIMUM SLOPE OF 3% AND A MAXIMUM SLOPE OF 3H:1V (33%). THEREFORE, THE INTERIM TOP OF WASTE GRADING CONTOURS SHOWN ON THIS SHEET SHOULD BE CONSIDERED FOR GUIDANCE PARTICULARLY IN AREAS IN WHICH THE EXISTING SURFACE DOES NOT MEET THESE DESIGN PARAMETERS.

LEGEND:

- PROPERTY BOUNDARY
- x-x-x- EXISTING FENCE
- EXISTING INTERMEDIATE CONTOUR (C.I.=2FT)
- EXISTING INDEX CONTOUR (C.I.=10FT)
- INTERIM TOP OF WASTE GRADE INTERMEDIATE CONTOUR (C.I.=2FT)
- 1950 INTERIM TOP OF WASTE GRADE INDEX CONTOUR (C.I.=10FT)
- EXISTING WASTE LIMIT
- △ STAKING ROD

1" = 1/2" = 0'

0 100 200
SCALE IN FEET

TOPOGRAPHY PREPARED BY SUN MAPPING
DATED MARCH 20, 2006

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CITY OF TUCSON
TUMAMOC LANDFILL
TUCSON, ARIZONA
TUMAMOC LANDFILL MAINTENANCE PROJECT

WASTE RE-GRADING PLAN

SHEET NO.
2
PROJECT NO.
120275

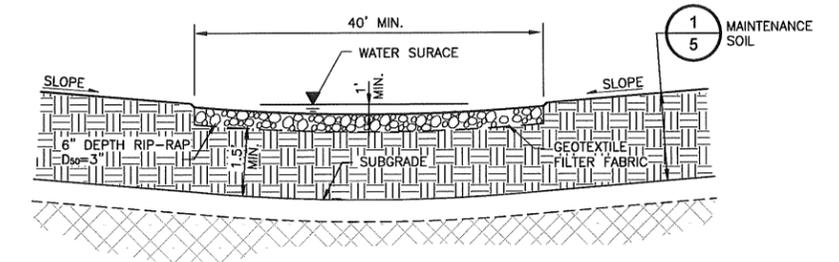
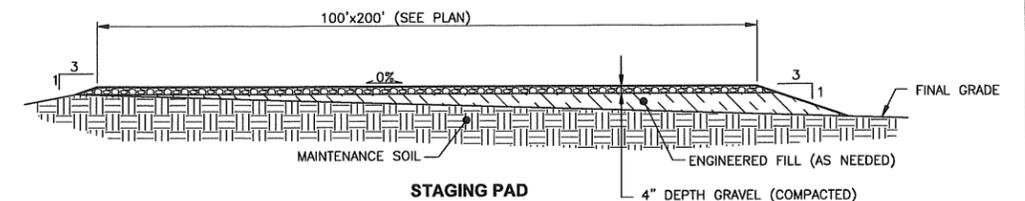
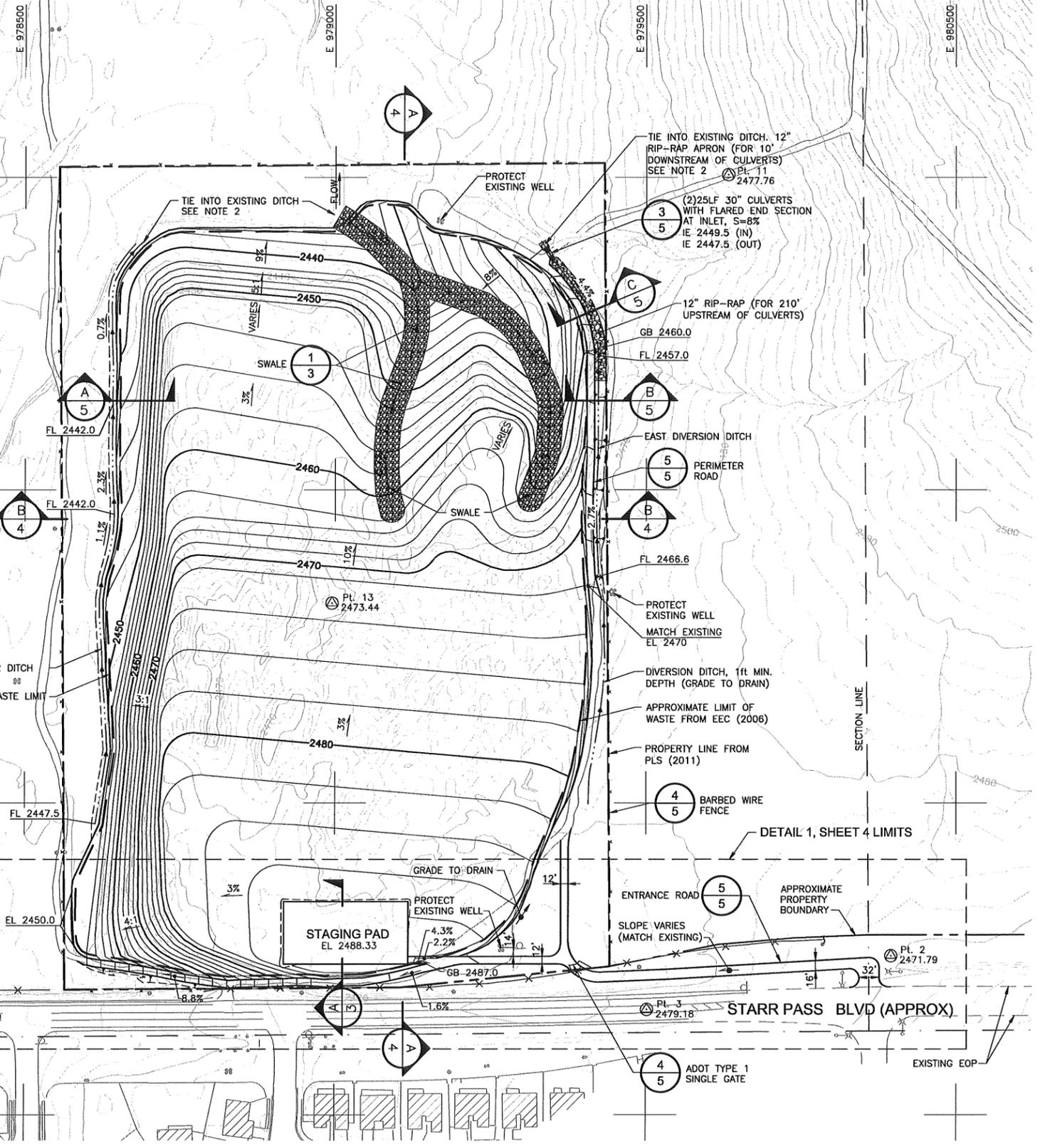


N 441500

N 441000

N 440500

N 440000



NOTE:

- FINAL COVER CONTOURS SHOWN ON THIS SHEET ARE BASED ON AN EXISTING SURFACE GRADE (TIN) SURFACE DEVELOPED FROM A TOPOGRAPHIC SURVEY BY SUN MAPPING DATED MARCH 20, 2006. THE PRECISION OF THE EXISTING GRADE SURFACE IS LIMITED BY THE SPACING OF SURVEY POINTS USED TO DEFINE THE SURFACE AND DOES NOT REFLECT CHANGED CONDITIONS DUE TO SUBSEQUENT SETTLEMENT AND/OR GRADING ACTIVITY AT THE SITE. THE CONTROLLING DESIGN INTENT IS TO PLACE THE COVER SECTION SHOWN ON DETAIL 1, SHEET 5 AT A MINIMUM SLOPE OF 3% AND A MAXIMUM SLOPE OF 3H:1V (33%). THEREFORE, THE FINAL COVER GRADING CONTOURS SHOWN ON THIS SHEET SHOULD BE CONSIDERED FOR GUIDANCE PARTICULARLY IN AREAS IN WHICH THE EXISTING SURFACE DOES NOT MEET THESE DESIGN PARAMETERS.
- LIMIT TOTAL AREA OF DISTURBANCE IN EXISTING DITCHES TO 4,000 SF OR LESS

LEGEND:

- PROPERTY BOUNDARY
- x-x-x- EXISTING FENCE
- EXISTING INTERMEDIATE CONTOUR (C.I.=2FT)
- EXISTING INDEX CONTOUR (C.I.=10FT)
- FINAL GRADE INTERMEDIATE CONTOUR (C.I.=2FT)
- 1950 FINAL GRADE INDEX CONTOUR (C.I.=10FT)
- - - - - PROPOSED WASTE LIMIT
- - - - - DRAINAGE DITCH
- - - - - GRADE BREAK/CATCH LINE
- CULVERT



TOPOGRAPHY PREPARED BY SUN MAPPING
DATED MARCH 20, 2006
ARIZONA STATE LAND (ASLD) TOPOGRAPHY FROM
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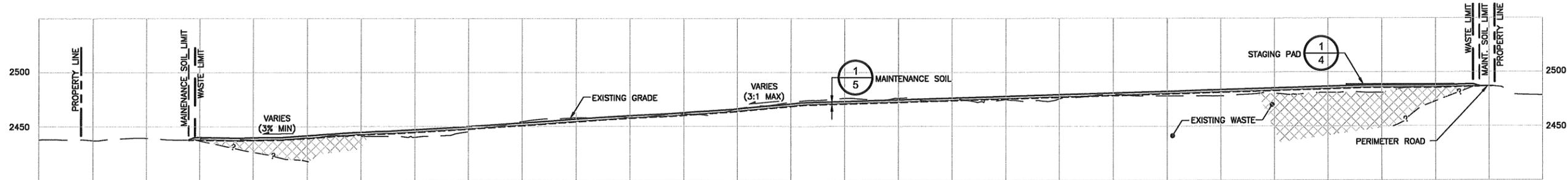
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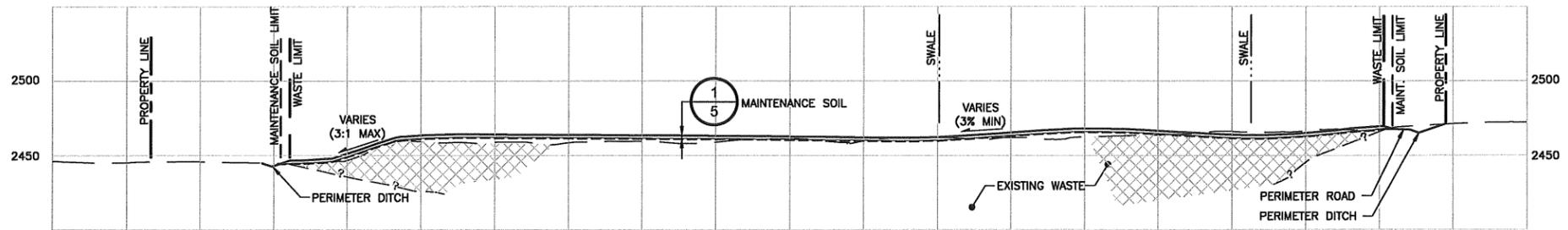
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TUMAMOC LANDFILL
TUCSON, ARIZONA
TUMAMOC LANDFILL MAINTENANCE PROJECT
MAINTENANCE SOIL PLAN

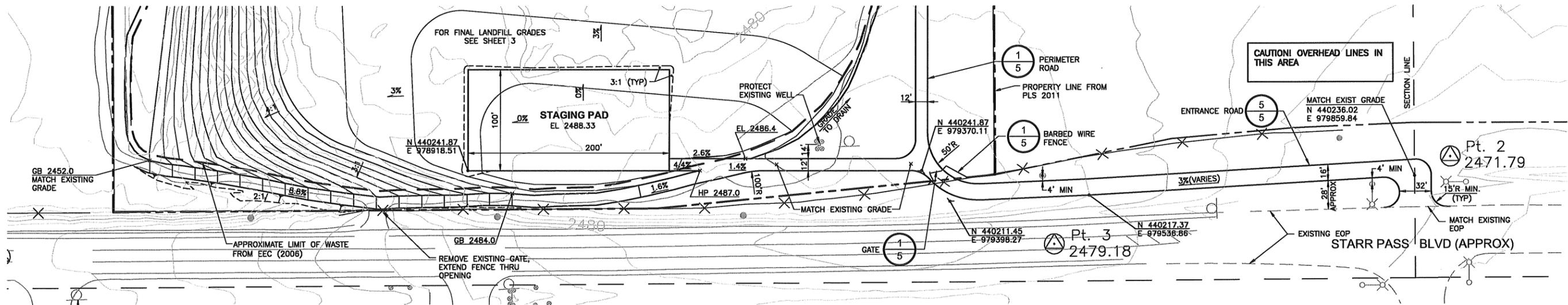
SHEET NO.
3
PROJECT NO.
120275



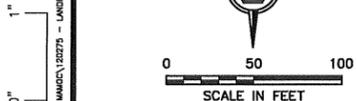
NORTH-SOUTH
SECTION A
SCALE: 1"=50'



WEST-EAST
SECTION B
SCALE: 1"=50'



SOUTH ACCESS ROADS
DETAIL
SCALE: 1"=50'



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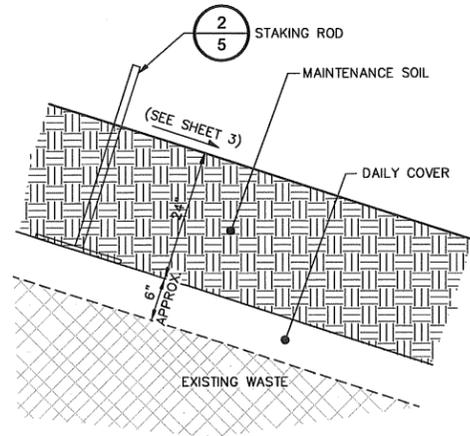


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TUMAMOC LANDFILL MAINTENANCE PROJECT

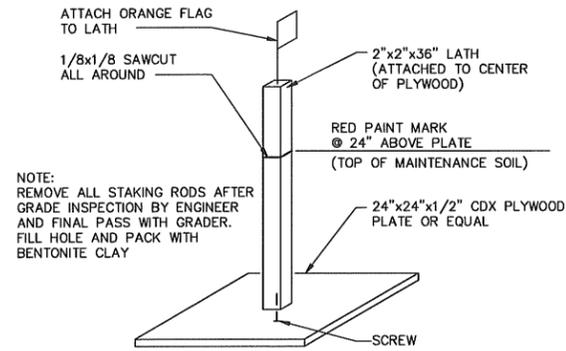
LANDFILL SECTIONS & DETAIL

SHEET NO.
4
PROJECT NO.
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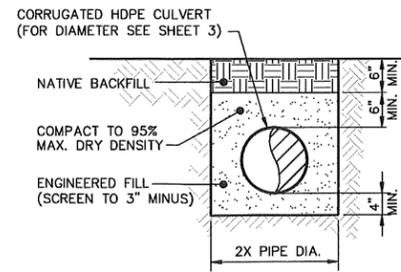
MAINTENANCE SOIL SYSTEM

DETAIL 1
SCALE: NOT TO SCALE



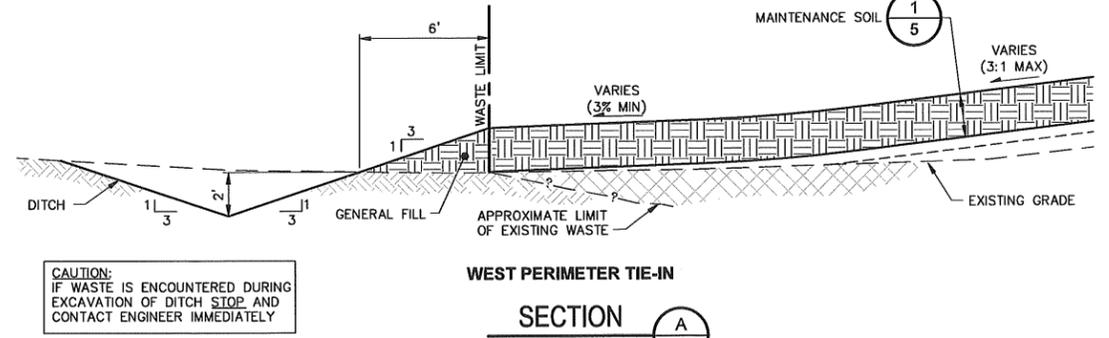
STAKING ROD

DETAIL 2
SCALE: NOT TO SCALE



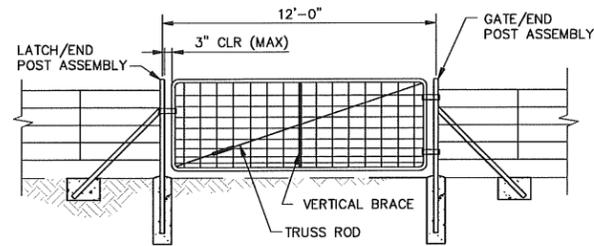
TYPICAL CULVERT TRENCH

DETAIL 3
SCALE: NOT TO SCALE

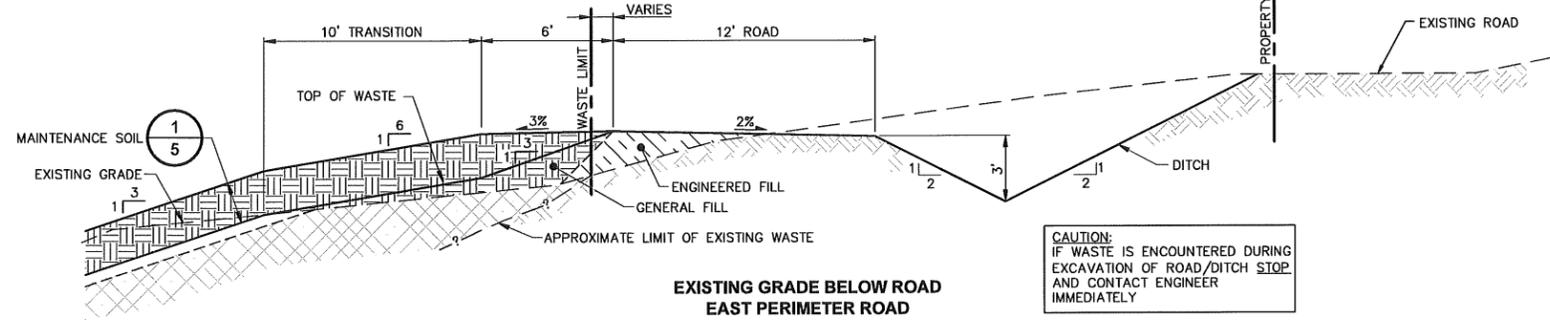


WEST PERIMETER TIE-IN

SECTION A
SCALE: 1"=4"

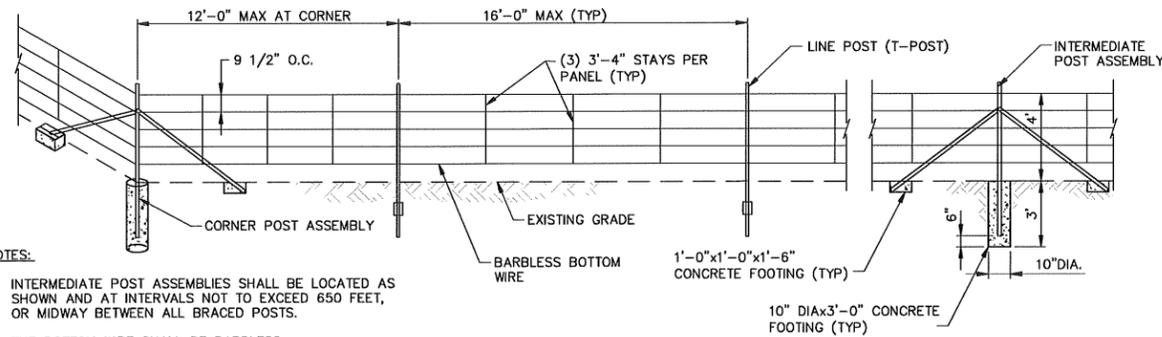


TYPE I SINGLE GATE



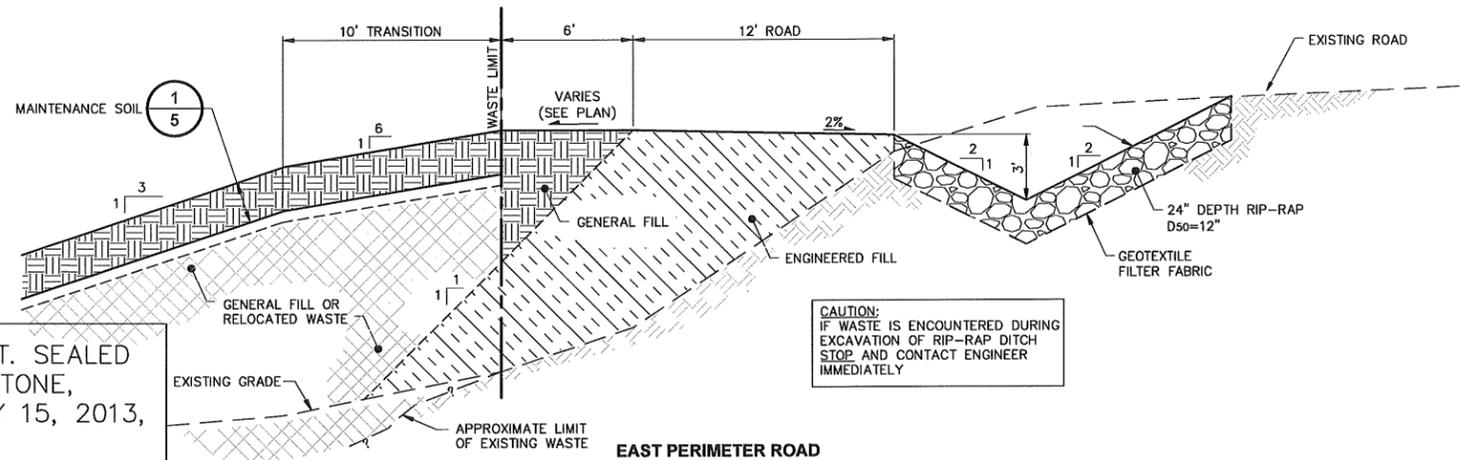
**EXISTING GRADE BELOW ROAD
EAST PERIMETER ROAD**

SECTION B
SCALE: 1"=4"



5-STRAND BARBED-WIRE FENCE

DETAIL 4
SCALE: 1"=4"

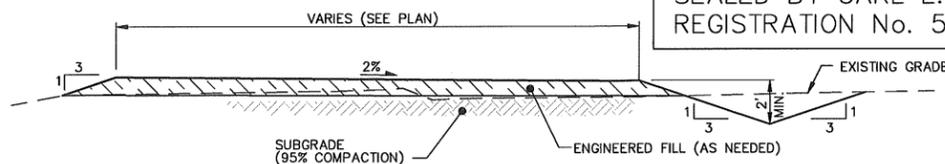


EAST PERIMETER ROAD

SECTION C
SCALE: 1"=4"

- NOTES:**
1. INTERMEDIATE POST ASSEMBLIES SHALL BE LOCATED AS SHOWN AND AT INTERVALS NOT TO EXCEED 650 FEET, OR MIDWAY BETWEEN ALL BRACED POSTS.
 2. THE BOTTOM WIRE SHALL BE BARBLESS.
 3. THE STAYS SHALL HAVE THEIR ENDS TURNED UP TO PREVENT INJURIES TO GAME.
 4. FOR MORE DETAIL SEE ADOT STD DWG C-12.10 AND ADOT STD SPEC SECTION 903-2.06

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ACCESS ROAD

DETAIL 5
SCALE: 1"=4"

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CITY OF TUCSON
TUMAMOC LANDFILL
TUCSON, ARIZONA

TUMAMOC LANDFILL MAINTENANCE PROJECT

DETAILS

SHEET NO.
5

PROJECT NO.
120275

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