GRADING AND DRAINAGE PLAN

CITY OF LA HABRA HEIGHTS
GENERAL GRADING NOTES

The current code is the 2002 Los Angeles County Building Code.

1. The owner or any person or agent in control of this property shall maintain in good condition and repair all drainage structures and other protective devices and burrowing rodent control when shown on the grading plans.
2. The issuance of the grading permit associated with these plans shall constitute an authorization to do only the work which is described or illustrated on the application for the permit, or on these plans and specifications as approved by the building official.
3. Permits issued under the provisions of this code shall not relieve the owner of the responsibility for securing permits or licenses that may be required from other departments or divisions of the governing agencies.
4. Any modifications of or changes in the approved grading plans must be approved by the building official. Modification which affect basic tract design or land use must have the approval of the appropriate control agency.
5. The building official or the authorized representative of the surety company or financial institution shall have access to the premises described on these plans for the purpose of inspecting the work.
6. In the event of default in the performance of any term or condition described on these plans or made a part of this permit, the surety of financial institution or the building official, or any person employed or engaged in the behalf of any of these parties, shall have the right to go upon the premises to perform the required work.
7. The owner or any other person who interferes with or obstructs the ingress to or egress from the premises described on these plans, of any authorized representative of the surety or financial institution or of the City of La Habra Heights engaged in the correction of completion of the work described on these plans, after a default has occurred in the performance of the terms or conditions thereof, is guilty of a misdemeanor.
8. All temporary protective measures shall be maintained in good working order to the satisfaction of the building official between November 1 and April 15 of any year, unless final grading approval has been granted by the building official prior to the date and all permanent drainage and erosion control systems, if required, are in place.
9. Where a grading permit is issued and the work is commenced after April 15 and before October 1 of any year and the plans for such work do not include details of the protective measures, and it appears that the grading and installation of the permanent drainage devices as authorized by the permit will not be completed prior to November 1, then on or before October 1 the owner of the site on which the grading is being performed shall file or cause to be filed with the building official revised plans which include details of the protective measures.
10. It shall be the responsibility of the permittee to notify the building official when the work is ready for the inspection required by the Uniform Building Code.
11. The permittee shall be responsible for the prevention of damage to any public utilities or services.
12. The permittee shall be responsible for the prevention of damage to adjacent property and no person shall excavate on land sufficiently close to the property line to endanger an adjoining public street, sidewalk, alley, or other public or private property without supporting and protecting such property from settling, cracking or other damage which might result.
13. The permittee shall put into effect and maintain all precautionary measures necessary to protect adjacent water courses and public or private property from damage by erosion, flooding and deposition of mud or debris originating from the site.
14. The permittee shall notify the building official within 48 hours if any consultant resigns or is terminated.
15. Fill shall be compacted throughout their full extent to a minimum of 90 percent of maximum density as determined by ASTM Soil Compaction Test D 1557-78 Method "D".
16. Field density shall be determined by Sand-Cone Method, ASTM D155664.
17. Detrimental amounts of organic material shall not be permitted in fills. All fill material shall comply with the requirements of Uniform Building Code Section 7016.4. No fill material shall have a maximum dimension exceeding 6 inches.
18. For engineered grading, the soils engineer shall provide sufficient inspections during the preparation of the natural ground and the placement and compaction of the fill to be satisfied that the work is being performed in accordance with the conditions of plan approval and the appropriate requirements of Uniform Building Code Chapter 70.
19. Engineer shall set grade stakes for all drainage devices. No concrete, asphaltic, or similar material shall be placed or poured prior to inspection of grade stakes by the building department.
20. Inspection shall be requested at the following stages of work:
    a. Initial. When the site has been cleared of vegetation and unapproved fill and it has been scarified, benched or other wise prepared for fill. No fill shall have been placed prior to this inspection. The building official may require inspection and approval of the cleared areas and benches to receive fill.
    b. Rough. When approximate final elevations have been established; drainage terraces, swales and similar drainage features have been graded; berms have been installed at the top of all slopes; and the statements required by Uniform Building Code Section 7020 have been received.
    c. Drainage Device Installation. After the elevations of all catch basins, trench drains, sump pits, and similar drainage features have been verified by the field engineer and the adjacent areas are ready for paving.
    d. Final. When grading has been completed; all drainage devices installed; slope planting established, irrigation systems installed; and the as-graded plans and required statements and reports have been submitted.
21. Field Engineer's Rough Grading Report is to be completed by the field engineer and returned with wet-ink signature to the City of La Habra Heights Building Division prior to request for rough inspection.
22. Grading Contractor's Statement of Completion shall be completed by the grading contractor and returned with wet-ink signature to the City of La Habra Heights Building Division prior to request for final grading approval.
23. Field Engineer's Finish Grading Report is to be completed by the field engineer and returned with wet-ink signature to the City of La Habra Heights Building Division prior to request for final inspection.
24. All shoring shall be done in accordance with the recommendations of the soils report.
25. Sufficient test of the fill soils shall be made to determine the relative compaction of the fill in accordance with the following minimum guidelines:
    a) One test for each two foot vertical lift.
    b) One test for each 1000 cubic yards of material placed.
    c) One test at the location of the final fill slope for each building site (lot) in each four foot vertical lift or portion thereof.
    d) One test in the vicinity of each building pad for each four foot vertical lift or portion thereof.

NOTES:

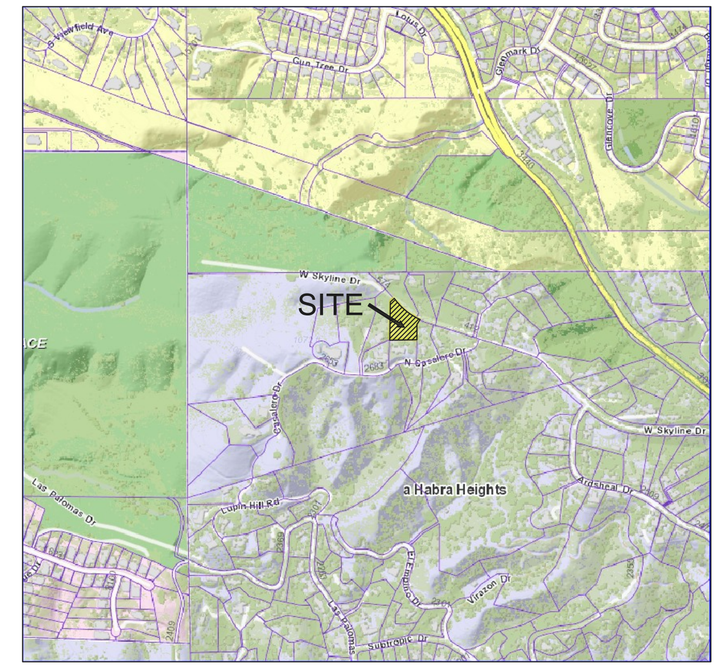
1. If the grading permitted is not initiated within one hundred eighty (180) days from the date of approval and completed within three hundred sixty-five (365) days, the grading approval shall expire an become null and void.
2. Prior to final approval of grading and before the release of the grading security, the planting shall be well established and growing on the slopes and, where rodent control is required, there shall be evidence of an effective rodent control program.
3. Separate approval and permit is required from the City Public Works Department for all work in the City right-of-way.
4. Grading contractor shall exercise extra care to minimize the effects from disturbed earth and/or dust.Dust shall be controlled in accordance with the requirements of the South Coast Air Quality Management District and applicable County and State Laws. At a minimum, continuous wetting shall be performed while any grading work is being done. If the water is to be obtained from the City water system, the grading contractor shall first obtain approval from the City Public Works Department.
5. Adjacent property owners shall be notified in advance of any excavations in accordance with California Civil Code.
6. At time of permit issuance, contractor shall show their valid workers' compensation insurance certificate.
7. All work shall conform to all requirements of State of California Title 24 regardless of the information on these plans. It is the responsibility of the individual supervising the construction to ensure the work is done in accordance with Code requirements prior to requesting inspection.
8. Excess or waste concrete may not be washed into the public way or any other drainage system. Provision shall be made to retain concrete wastes on site until they can be disposed of as solid waste.
9. The issuance of a permit shall not prevent the building official from requiring the correction of errors on these plans or from preventing any violation of the Codes adopted by the City, relevant laws, ordinances, rules and/or regulations.
10. The duties of the soils engineer of record shall include the following:
    a) observation of cleared areas and benches prepared to receive fill;
    b) observation of the removal of all unsuitable soils and other materials;
    c) the approval of soils to be used as fill material;
    d) the inspection of placement and compaction of fill materials;
    e) the testing of completed fills;
    f) and the inspection or review of drainage devices.
11. Compaction test shall not be performed by individuals other than the soils engineer of record unless required by the soils engineer of record and approved by the City Building Division.
12. All recommendations contained within the soil report for this project shall be incorporated into the grading work.
13. Soils engineer shall obsreve and approve in writing all foundation excavations prior to requesting foundation inspection by the City Building Division.
14. Eroded sediments and other pollutants shall be retained on site and may not be transported from the site via sheet-flow, swales, area drain, natural drainage courses of wind.
15. Sediment and other materials may not be tracked from the site by vehicle traffic. The construction entrance roadways shall be stablized so as to inhibit sediments from being deposited into the public way. Accidental depositions shall be swept up immediately and may not be washed down by rain or other means.
16. Stockpiles of earth and other consturction related materials shall be protected from being transported from the site by the forces of wind or water.
17. Construction fencing shall be maintained around the perimeter of the site at all times unless the City Building Division approves the use of 24 hour security patrols.
18. Trash and construction related solid wastes shall be deposited into a covered receptacle to prevent contamination of rainwater and dispersal by wind.
19. Fuels, oils, solvent and other toxic materials, shall be stored in accordance with their listing and are not to contaminiate the soil and surface waters. All approved storage containers are to be protected from the weather. Spills shall be cleaned up immediately and disposed of in a proper manner. Spills may not be washed into the drainage syatem.
20. Any slopes with disturbed soils or which have been denuded of vegetation shall be stablized so as to inhibit erosion by wind and water.
21. Field Geologist's Initial Engineering Geology Report is to be completed by the field geologist and returned with wet-ink signature to the City Building Division prior to placement of any fill.
22. Field Geologist's Final Engineering Geology Report is to be completed by the field geologist and returned with wet-ink signature to the City Building Division prior to request for final grading approval.

ABBREVIATIONS:

AC	Asphalt Concrete
C/B	Catch Basin
CBW	Concrete Block Wall
CL	Center Line
CLF	Chain Link Fence
CONC.	Concrete
D/A	Driveway Appron
DR	Drainage
DS	Down Spout
EP	Edison Pole
EX.	Existing
FF	Finished Floor Elevation
FG	Finished Grade
FH	Fire Hydrant
FL	Flow Line Elevation
FS	Finished Surface
HP	High Point
INV.	Invert Elevation
MIN.	Minimum
NTS	Not To Scale
P/L	Property Boundary Line
RW	Retaining Wall
SMH	Sewer Manhole
S/W	Sidewalk
STD	Standard
SHT	Sheet
TC	Top of Curb Elevation
TG	Top of Grate Elevation
Hv	Height of Retaining Wall
WF	Wooden Fence
WM	Water Meter

LEGEND:

(100.25) ..... Existing Elevation
101 ..... Ex. Ground Contour Line
..... Chain Linked Fence
..... Ex. Structure
..... Street Light
S ..... Sewer Line
W ..... Water Line
10" ..... Ex. Tree, Diameter
..... Pro. 15 Gal. Tree
DS ..... Downspout
C.O. ..... Cleanout
..... Prop. Flow Line for Swale
..... Prop. Sheet Flow
..... Ex. Flow
1% ..... Prop. Flow Line Slope
1% ..... Prop. Pipe Slope



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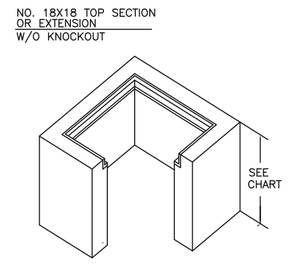
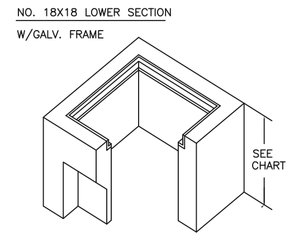
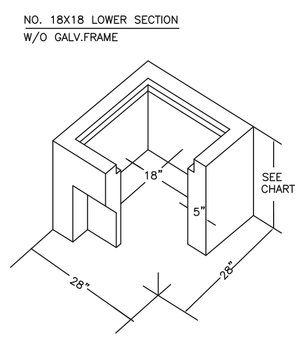
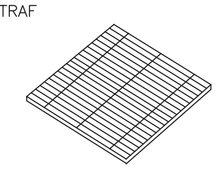
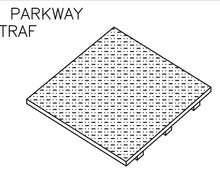
VICINITY MAP
N.T.S.











TOP OR EXT. SECTION	HT.	LBS.	AVAILABLE
*18X18 T6	6"	230	W/O K.O.
*18X18 T12	12"	460	" " "

LOWER	HT.	LBS.	AVAILABLE
*1818 L18	18"	612	W/2 10"X14"K-O
*1818 L24	24"	852	" " "

*TOP SECTIONS AND BOTTOM SECTIONS AVAILABLE WITH FRAME

②	18"X18" CATCH BASIN WITH 5" WALLS
DATE 05-20-86	DRAWING NUMBER NO. 1818
BROOKS PRODUCTS INC.	

EARTHWORK QUANTITIES:
Cut 164 (cy), Fill 1,756 (cy)
total 1,920 (cy), Import 1,592 (cy)

*CUT AND FILL AMOUNT IS ESTIMATED ONLY.
ACTUALLY AMOUNT MAY VARY DUE TO OTHER UNKNOWN FACTORS.
(SITE CONDITION, SOIL ENGINEER' S RECOMMENDATION)

SHEET INDEX:

SHEET 1 OF 3: GENERAL NOTES
SHEET 2 OF 3: GRADING AND DRAINAGE PLAN
SHEET 3 OF 3: EROSION CONTROL PLAN

CLIENT:

OWNER C/O BY ARCHITECT: ERIC C. TSANG, ASSOC. AIA,
ERIC TSANG DESIGN STUDIO
440 E. HUNTINGTON DR., SUITE 356, ARCADIA, CA 91006
PHONE: (909) 569-3737
Email: Mail@Eric-Design.com

BASIS OF BEARINGS

THE CENTERLINE OF SKYLINE DRIVE SHOWN AS N73°00'50"W ON RECORD OF SURVEY RECORDED IN RS BOOK 254, PAGE 77, LOS ANGELES COUNTY RECORDS.

LEGAL DESCRIPTION:

IN THE CITY OF LA HABRA HEIGHTS, LOS ANGELES COUNTY, CALIFORNIA, THAT PORTION OF LOT 2 OF THE NEW ENGLAND OIL COMPANY TRACT RECORDED IN M.B. 17, PAGE 131, LOS ANGELES COUNTY RECORDS, DESCRIBED IN DEED RECORDED AS DOC # XXXXXXXXXXX, O.R.

BENCH MARK:

DATUM	NAVD 1988
B.M. NUMBER	G-5537
YEAR OF RECORD	2005
ELEVATION	900.515
DESCRIPTION	LEAD AND BM TAG AT SW COR HACIENDA BLVD AND SKYLINE DR (W'LY), ON CONC BASE OF TRAFFIC SIGNAL.

TRITECH ENGINEERING ASSOCIATES

SUBDIVISION
LAND SURVEY
CIVIL ENGINEERING
& DESIGN

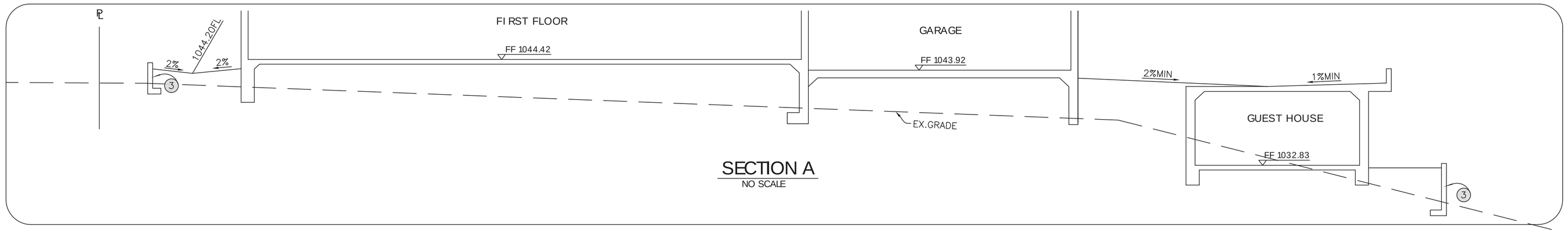
135 N. SAN GABRIEL BLVD.
SAN GABRIEL, CA 91775
TEL: (626) 570-1918
EMAIL: info@tritechassociates.com

GRADING AND DRAINAGE PLAN

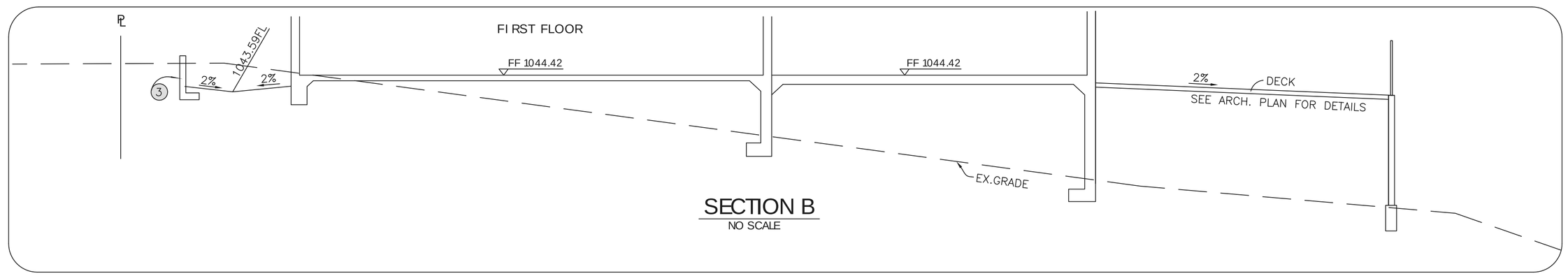
SCALE: 1"=20'	APN: 8240-003-008	DRAWN BY: Y.C.
DATE: 9/05/18		REVISED:

CASALERO DRIVE (VACANT LOT)
LA HABRA HEIGHTS, CA 90631

SHEET 1 OF 3 — JOB NO. 140116



SECTION A
NO SCALE



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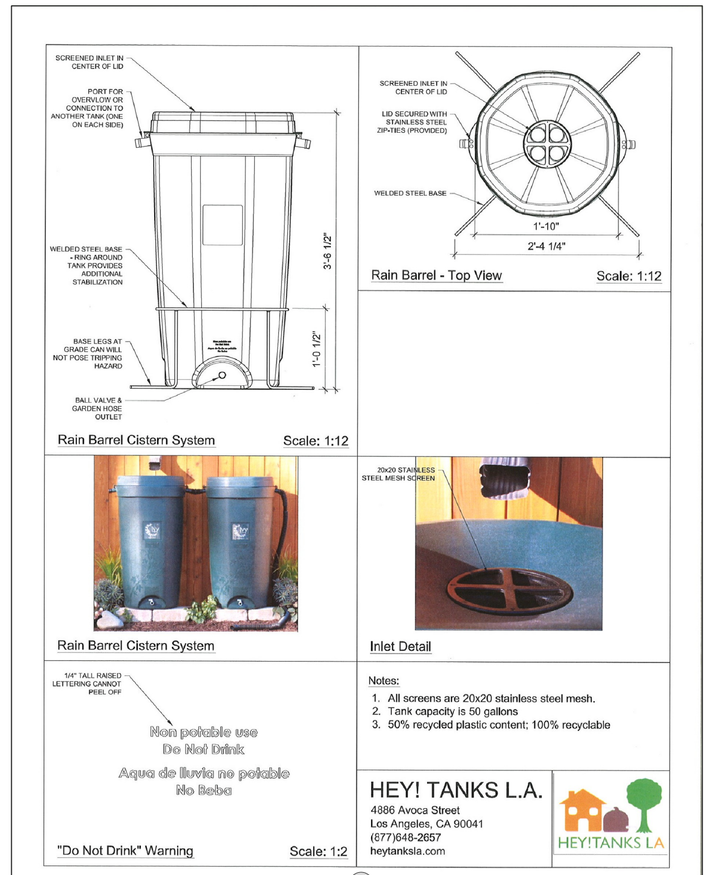

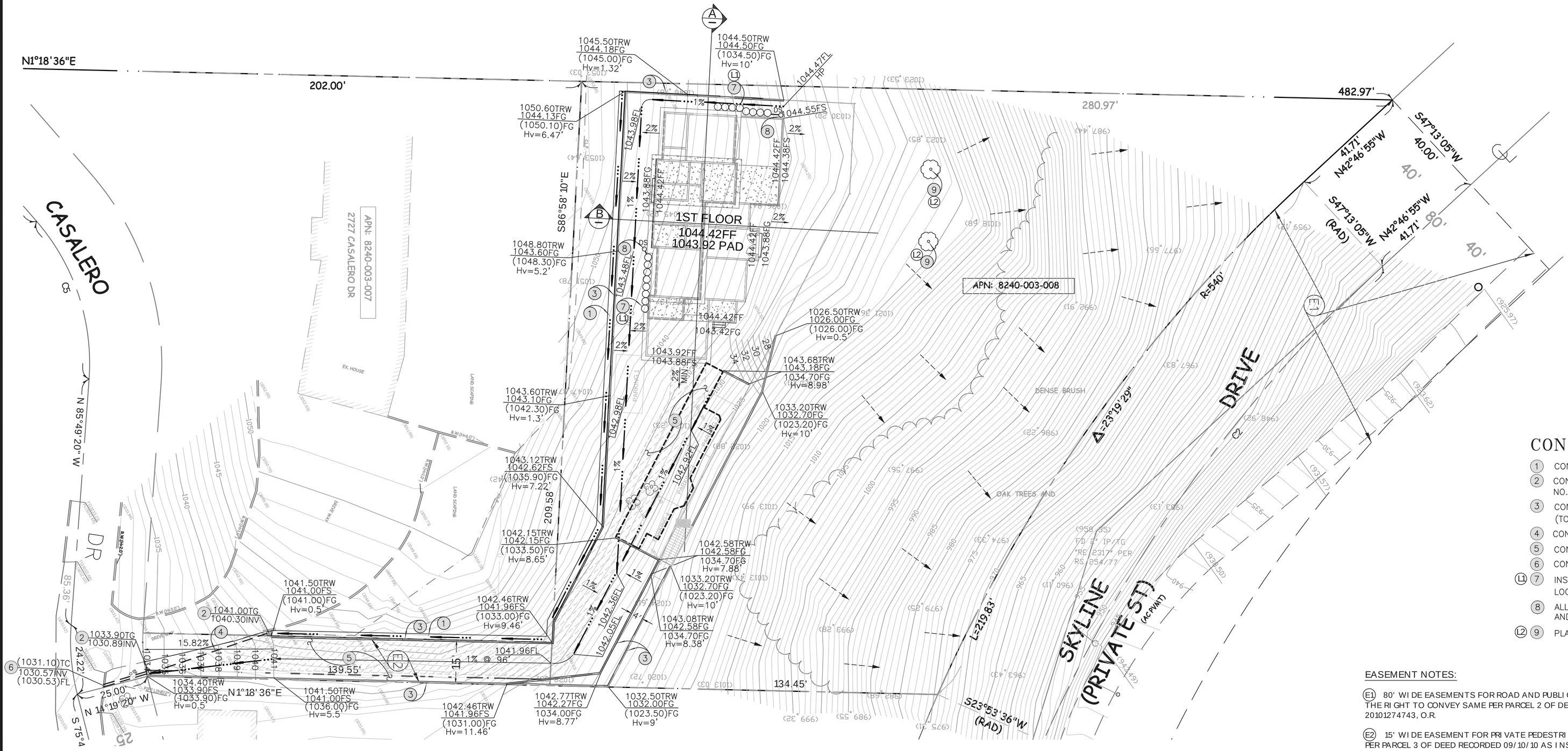
N1°18'36"E
202.00'
482.97'
280.97'
S47°13'05"W
40.00'
41.71'
N42°46'55"W
(RAD)
R=540'
Δ=23°19'29"
L=219.83'
SKYLINE DRIVE (PRIVATE ST) (ACPWMT)
S23°53'36"W (RAD)
134.45'
S86°58'10"E
1ST FLOOR
1044.42FF
1043.92 PAD
APN: 8240-003-008
APN: 8240-003-007
2727 CASALERO DR
CASALERO DR
N 85°49'20" W
S 75°4
N 14°19'20" W
25.00'
N1°18'36"E
139.55'
209.58'
85.36'
24.22'
15.82%
1% @ 96'
1045.50TRW
1044.18FG
(1045.00)FG
Hv=1.32'
1044.50TRW
1044.50FG
(1034.50)FG
Hv=10'
1044.47FL
HP
1044.55FS
1050.60TRW
1044.13FG
(1050.10)FG
Hv=6.47'
1043.38FL
1043.88FG
1044.42FF
1044.36FS
1048.80TRW
1043.60FG
(1048.30)FG
Hv=5.2'
1043.48FG
1044.42FF
1043.42FG
1026.50TRW
1026.00FG
(1026.00)FG
Hv=0.5'
1043.92FF
1043.88FS
1043.68TRW
1043.18FG
1034.70FG
Hv=8.98'
1033.20TRW
1032.70FG
(1023.20)FG
Hv=10'
1043.60TRW
1043.10FG
(1042.30)FG
Hv=1.3'
1043.12TRW
1042.62FS
(1035.90)FG
Hv=7.22'
1042.15TRW
1042.15FG
(1033.50)FG
Hv=8.65'
1042.58TRW
1042.58FG
1034.70FG
Hv=7.88'
1033.20TRW
1032.70FG
(1023.20)FG
Hv=10'
1043.08TRW
1042.58FG
1034.70FG
Hv=8.38'
1042.46TRW
1041.96FS
(1033.00)FG
Hv=9.46'
1041.96FL
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1044.02FL
1041.50TRW
1041.00FS
(1041.00)FG
Hv=0.5'
1041.00TC
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1033.90TC
1030.89INV
(1031.10)TC
1030.57INV
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1041.00FS
(1036.00)FG
Hv=5.5'
1042.46TRW
1041.96FS
(1031.00)FG
Hv=11.46'
1042.77TRW
1042.27FG
1034.00FG
Hv=8.77'
1032.50TRW
1032.00FG
(1023.50)FG
Hv=9'
1026.50TRW
1026.00FG
(1026.00)FG
Hv=0.5'
DENSE BRUSH
OAK TREES AND
EX. HOUSE
LAND SLOPING
LANDSCAPING
LEDGE
RAISED
SLOPE
SLOPE
SLOPE

EROSION SEDIMENT CONTROL PLAN

1. IN CASE OF EMERGENCY, CALL ERIC C. TSANG @ TEL (909) 569-3737

2. A STAND–BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOV 1 TO APR 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID

3. EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE GRADING INSPECTOR IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.

4. GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY.

5. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM.

6. A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICE EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED DRY WITHIN 24 HOURS AFTER EACH RAINSTORM.

7. EXCEPT AS OTHERWISE APPROVED BY THE GRADING INSPECTOR, ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR ON WEEKENDS WHEN THE 5 DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.

8. ALL LOOSE SOIL AND DEBRIS WHICH MAY CREATE A POTENTIAL HAZARD TO OFFSITE PROPERTY SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE GRADING INSPECTOR.

9. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER OR CITY ENGINEER.

10. DESILTING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15, OF THE FOLLOWING YEAR, WITHOUT THE APPROVAL OF THE GRADING INSPECTOR OR CITY ENGINEER.

11. EROSION CONTROL DEVICES ARE TO BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES, AND PLANS OF THESE CHANGES MUST BE SUBMITTED FOR APPROVAL AS REQUIRED.

12. ADD THE FOLLWING NOTES (OR SIMILAR) TO THE PLANS TO DEFINE THE CURRENT STATE OF CONSTRUCTION.
    a. STORM DRAINS AND CATCH BASINS ARE (NOT) CONSTRUCTED.
    b. STREETS ARE (NOT) PAVED, EXCEPT AS NOTED ON THE EROSION CONTROL PLAN.
    c. DRAINAGE DEVICES ARE (NOT) CONSTRUCTED, EXCEPT AS NOTED ON PLANS.

13. PROPOSED STARTING DATE: 03/28/2017, COMPLETION DATE FOR GRADING: 12/28/2017, PROPOSED COMPLETION DATE FOR OVERALL PROJECT: _____.

14. STORMWATER POLLUTION CONTROL REQUIREMENTS MUST BE INTEGRATED INTO THE EROSION CONTYOL PLANS PER TITLE 26. SECTION 7010 OF THE COUNTY CODE FOR ANY CONSTRUCTION BETWEEN OCTOBER 1 AND APRIL 15.
    THE FOLLWING NOTES AND BMPS AS OUTLINED IN, BUT NOT LIMITED TO, THE BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 1993. OR THE LATEST REVISED EDITION, MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUTY INSPECTORS):

ATTACHMENT A NOTES (STORMWATER POLLUTION PLAN NOTES)

a. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.
b. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FROCES OF WIND OR WATER.
c. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
d. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
e. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND AT ALL TIMES.
f. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
g. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

NOTE:

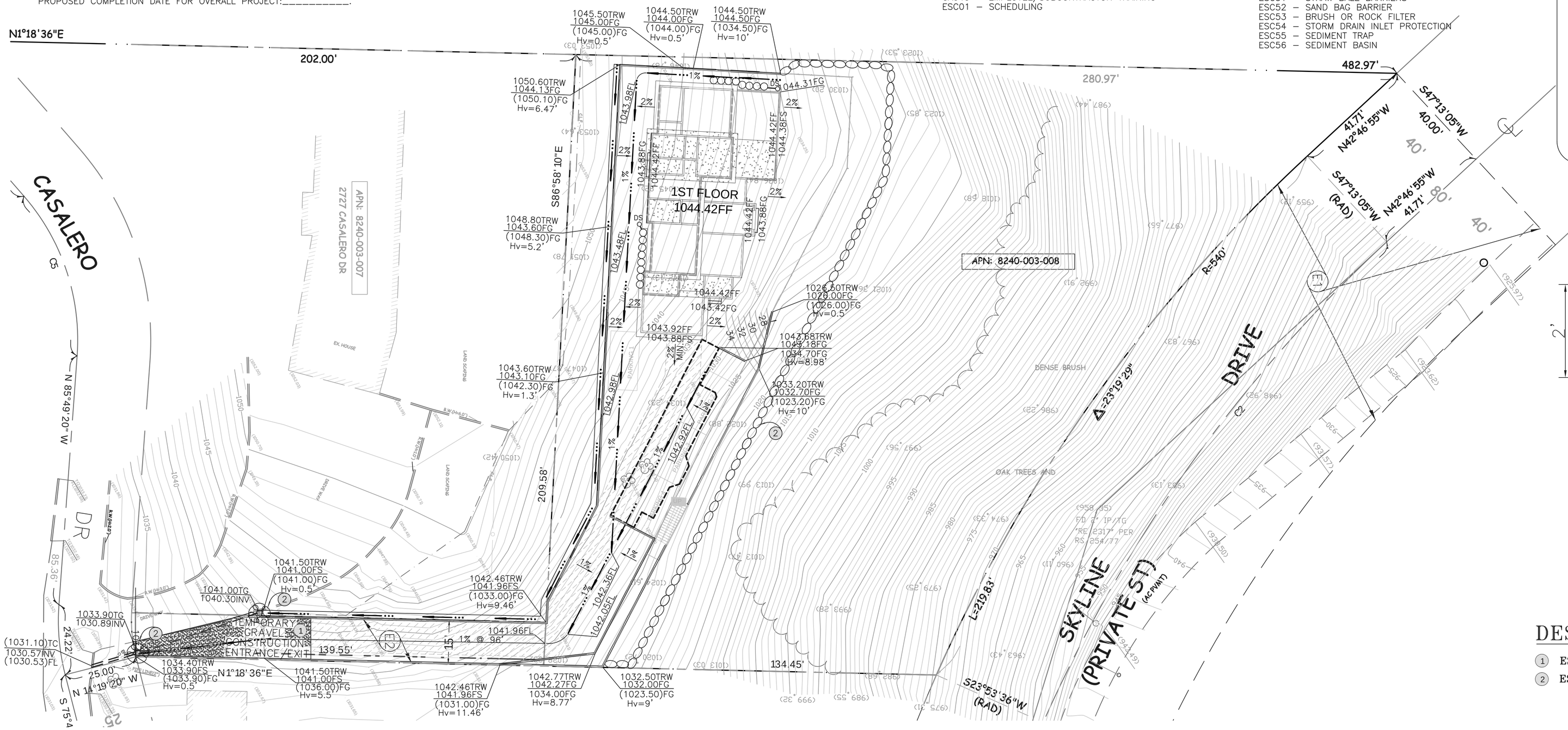
NPDES REQUIREMENTS: ALL CONSTRUCTION ON OFF–SITE OR ON–SITE IMPROVEMENTS SHALL ADHERE TO NPDES (NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM) BEST MANAGEMENT PRACTICES TO PREVENT DELETERIOUS MATERIALS OR POLLUTANTS FROM ENTERING THE CITY OR COUNTY STORM DRAIN SYSTEMS.

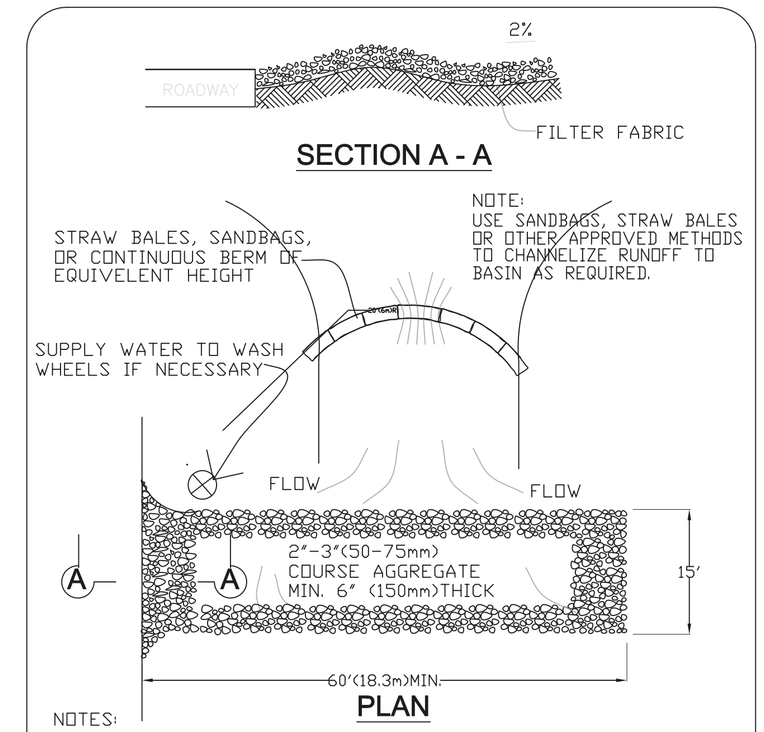
THE FOLLOWING SHOULD BE ADHERED TO:
1. HANDLE, STORE AND DISPOSE OF MATERIALS PROPERLY.
2. AVOIDING EXCAVATION AND GRADING ACTIVITIES DURING WET WEATHER.
3. CONSTRUCT DIVERSION DIKES AND DRAINAGE SWALES AROUND WORKING SITES.
4. COVER STOCKPILES AND EXCAVATED SOIL WITH SECURED TARPS OR PLASTIC SHEETING.
5. DEVELOP AND IMPLEMENT EROSION CONTROL PLANS.
6. CHECK AND REPAIR LEAKING EQUIPMENT AWAY FROM CONSTRUCTION SITE.
7. DESIGNATE A LOCATION AWAY FROM STORM DRAINS FOR REFUELING.
8. COVER AND SEAL CATCH BASINS WHENEVER WORKING IN THEIR VICINITY.
9. USE VACUUM WITH ALL CONCRETE SAWING OPERATIONS.
10. NEVER WASH EXCESS MATERIAL FROM AGGREGATE, CONCRETE OR EQUIPMENT ONTO A STREET
11. CATCH DRIPS FROM PAVER WITH DRIP PANS OR ABSORBENT MATERIAL.
12. CLEAN UP ALL SPILLS USING DRY METHODS.
13. SWEEP ALL GUTTERS AT THE END OF EACH WORKING DAY. GUTTERS SHALL BE KEPT CLEAN AFTER LEAVING CONSTRUCTION SITE.

ATTACHMENT B MAP'S (TO OBTAIN A COPY AT L.A. COUNTY PUBLIC WORK DEPARTMENT.)

BMP STORMWATER BEST MANAGEMENT PRACTICES

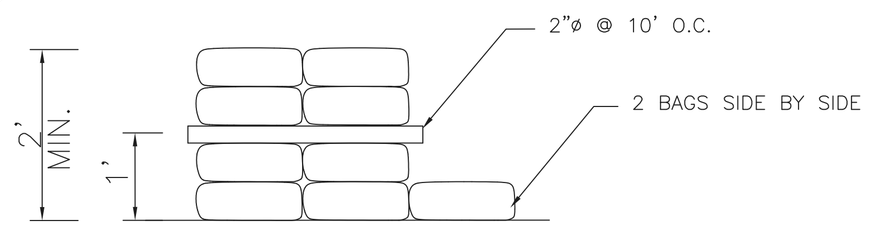
CA001 – DEWATERING OPERATIONS
CA002 – PAVING OPERATIONS
CA003 – STRUCTURE CONSTRUCTION AND PAINTING
CA010 – MATERIAL DELIVERY AND STORAGE
CA011 – MATERIAL USE
CA012 – SPILL PREVENTION AND CONTROL
CA020 – SOLID WASTE MANAGEMENT
CA021 – HAZARDOUS WASTE MANAGEMENT
CA022 – CONTAMINATED SOIL MANAGEMENT
CA023 – CONCRETE WASTE MANAGEMENT
CA030 – VEHICLE AND EQUIPMENT CLEANING
CA031 – VEHICLE AND EQUIPMENT FUELING
CA032 – VEHICLE AND EQUIPMENT MAINTENANCE
CA040 – EMPLOYEE/SUBCONTRACTOR TRAINING
ESC01 – SCHEDULING
ESC02 – PRESERVATION OF EXISTING VEGETATION
ESC10 – SEEDING AND PLANTING
ESC11 – MULCHING
ESC20 – GEOTEXTILES AND MATS
ESC21 – DUST CONTROLS
ESC22 – TEMPORARY STREAM CROSSING
ESC23 – CONSTRUCTION ROAD STABILIZATION
ESC24 – STABILIZED CONSTRUCTION ENTRANCE
ESC30 – EARTH DIKE
ESC31 – TEMPORARY DRAINS AND SWALES
ESC32 – SLOPE DRAIN
ESC40 – OUTLET PROTECTION
ESC41 – CHECK DAMS
ESC42 – SLOPE ROUGHENING/TERRACING
ESC50 – SILT FENCE
ESC51 – STRAW BALE BARRIERS
ESC52 – SAND BAG BARRIER
ESC53 – BRUSH OR ROCK FILTER
ESC54 – STORM DRAIN INLET PROTECTION
ESC55 – SEDIMENT TRAP
ESC56 – SEDIMENT BASIN



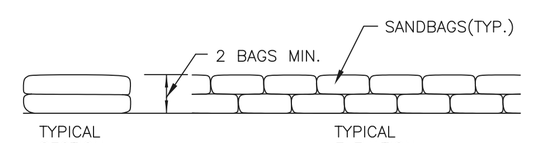


NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABLIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

① TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT



② CHECK DAM



② CHECK DAM
N.T.S.

DESIGNATED BMPs:

① ESC24, STABILIZED CONSTRUCTION ENTRANCE/EXIT.
② ESC52, SAND BAG BARRIER, TYPICAL.

SCALE: 1"=20'

CLIENT:

OWNER C/O BY ARCHITECT: ERIC C. TSANG, ASSOC. AIA, ERIC TSANG DESIGN STUDIO
440 E. HUNTINGTON DR., SUITE 356, ARCADIA, CA 91006
PHONE: (909) 569-3737
Email: Mail@Eric-Design.com

BASIS OF BEARINGS

THE CENTERLINE OF SKYLINE DRIVE SHOWN AS N73°00'50"W ON RECORD OF SURVEY RECORDED IN RS BOOK 254, PAGE 77, LOS ANGELES COUNTY RECORDS.

LEGAL DESCRIPTION:

IN THE CITY OF LA HABRA HEIGHTS, LOS ANGELES COUNTY, CALIFORNIA, THAT PORTION OF LOT 2 OF THE NEW ENGLAND OIL COMPANY TRACT RECORDED IN M.B. 17, PAGE 131, LOS ANGELES COUNTY RECORDS, DESCRIBED IN DEED RECORDED AS DOC # XXXXXXXXXXX, O.R.

BENCH MARK:

DATUM	NAVD 1988
B.M. NUMBER	G-5537
YEAR OF RECORD	2005
ELEVATION	900.515
DESCRIPTION	LEAD AND BM TAG AT SW COR HACIENDA BLVD AND SKYLINE DR (W'LY), ON CONC BASE OF TRAFFIC SIGNAL.

TRITECH ENGINEERING ASSOCIATES
SUBDIVISION LAND SURVEY CIVIL ENGINEERING & DESIGN
135 N. SAN GABRIEL BLVD.
SAN GABRIEL, CA 91775
TEL: (626) 570-1918
EMAIL: info@tritechassociates.com

EROSION CONTROL PLAN

SCALE: 1"=20'	APN: 8240-003-008	DRAWN BY: Y.C.
DATE: 9/05/18		REVISED:

CASALERO DRIVE (VACANT LOT)
LA HABRA HEIGHTS, CA 90631

SHEET 3 OF 3 — JOB NO. 140116