

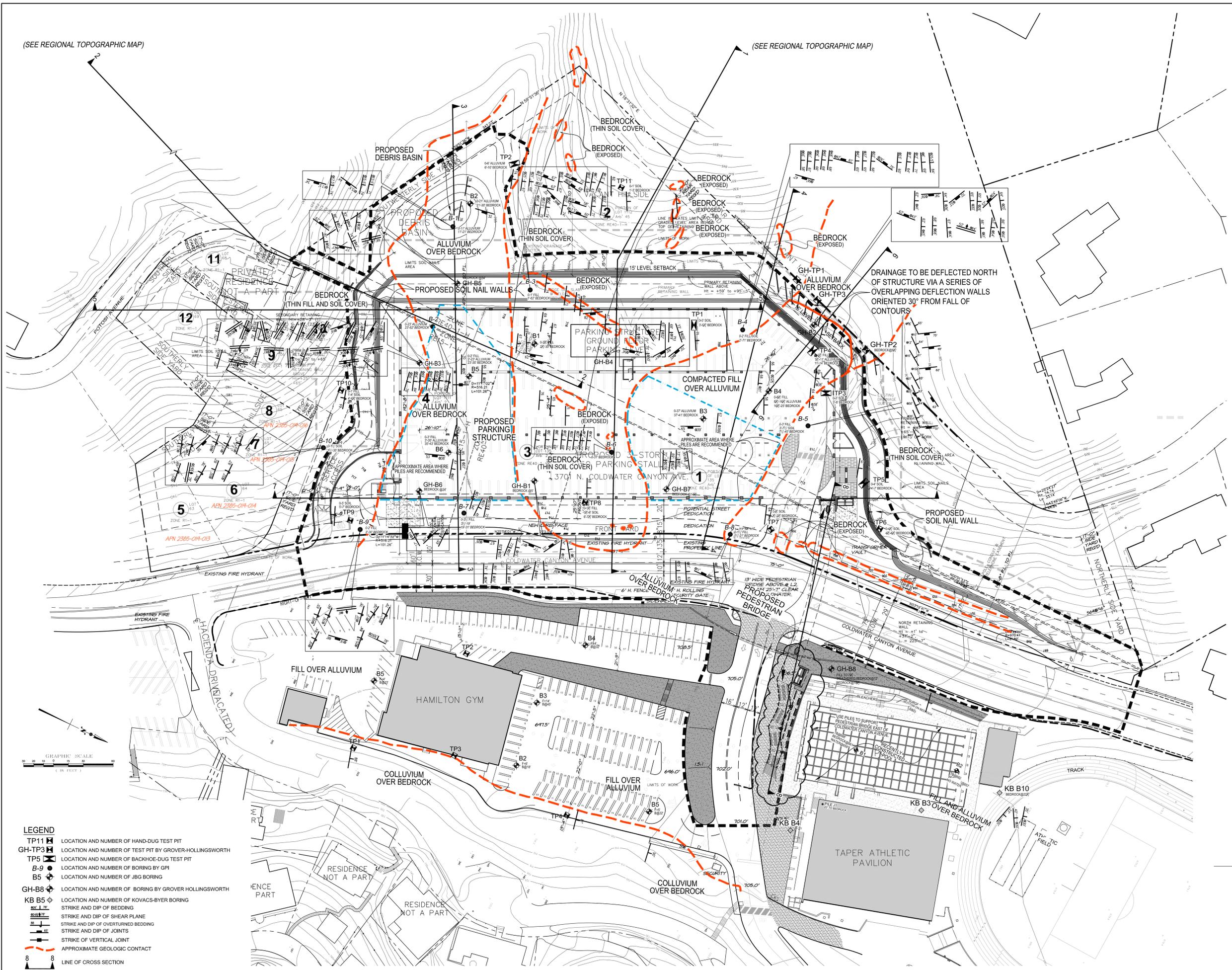
Appendix E.1 Final Geologic and Soils Engineering Report Part 4

(SEE REGIONAL TOPOGRAPHIC MAP)

(SEE REGIONAL TOPOGRAPHIC MAP)



Innovative Design Group
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Irvine, California 92614
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Fx. 949.263.9192
park@innovativedesigngroup.com



Harvard-Westlake
Upper School
Infrastructure
Project

EXISTING CAMPUS:
3700 Coldwater Cyn
North Hollywood
California

PROPOSED PARKING
STRUCTURE:
3701 Coldwater Cyn
North Hollywood
California

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SCALE: 1" = 30'-0" DATE: 05.18.15

PROPOSED
SITE PLAN

A2

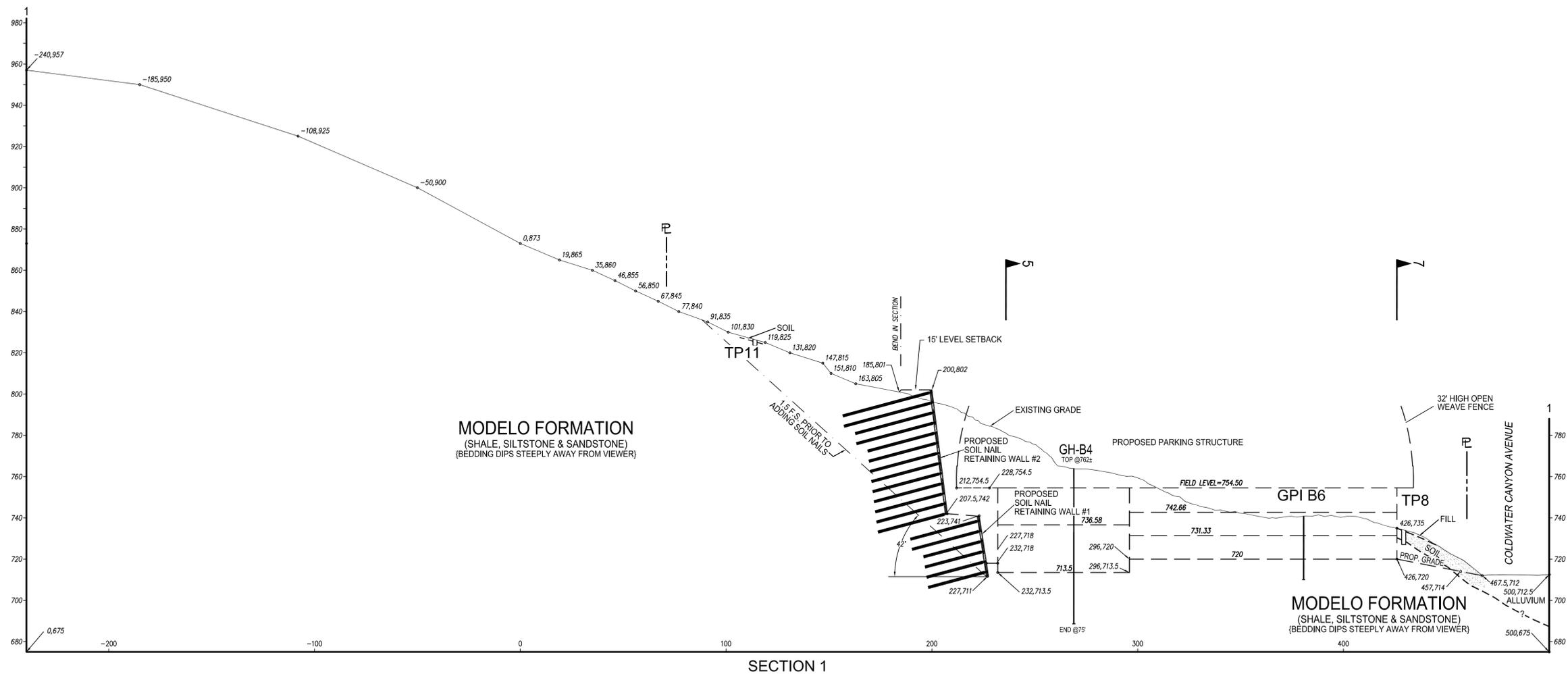
SCALE: 1" = 30'-0" DATE: 05.18.15

MAY 18, 2015
APRIL 16, 2015
APRIL 03, 2015
FEBRUARY 12, 2015

- LEGEND**
- TP11 LOCATION AND NUMBER OF HAND-DUG TEST PIT
 - GH-TP3 LOCATION AND NUMBER OF TEST PIT BY GROVER-HOLLINGSWORTH
 - TP5 LOCATION AND NUMBER OF BACKHOE-DUG TEST PIT
 - B-9 LOCATION AND NUMBER OF BORING BY GPI
 - B5 LOCATION AND NUMBER OF JBG BORING
 - GH-B8 LOCATION AND NUMBER OF BORING BY GROVER HOLLINGSWORTH
 - KB B5 LOCATION AND NUMBER OF KOVACS-BYER BORING
 - STRIKE AND DIP OF BEDDING
 - STRIKE AND DIP OF SHEAR PLANE
 - STRIKE AND DIP OF OVERTURNED BEDDING
 - STRIKE AND DIP OF JOINTS
 - STRIKE OF VERTICAL JOINT
 - APPROXIMATE GEOLOGIC CONTACT
 - LINE OF CROSS SECTION

BYER GEOTECHNICAL INC.
1001 CHRYSTINE DR., SUITE 200
COSTA MESA, CA 92626
949.440.9999
BYER@BYERINC.COM

REVISED GEOLOGIC MAP
BG 21898 HARVARD-WESTLAKE SCHOOL
CONSULTANT: RIZ SCALE: 1" = 30'



SECTION 1

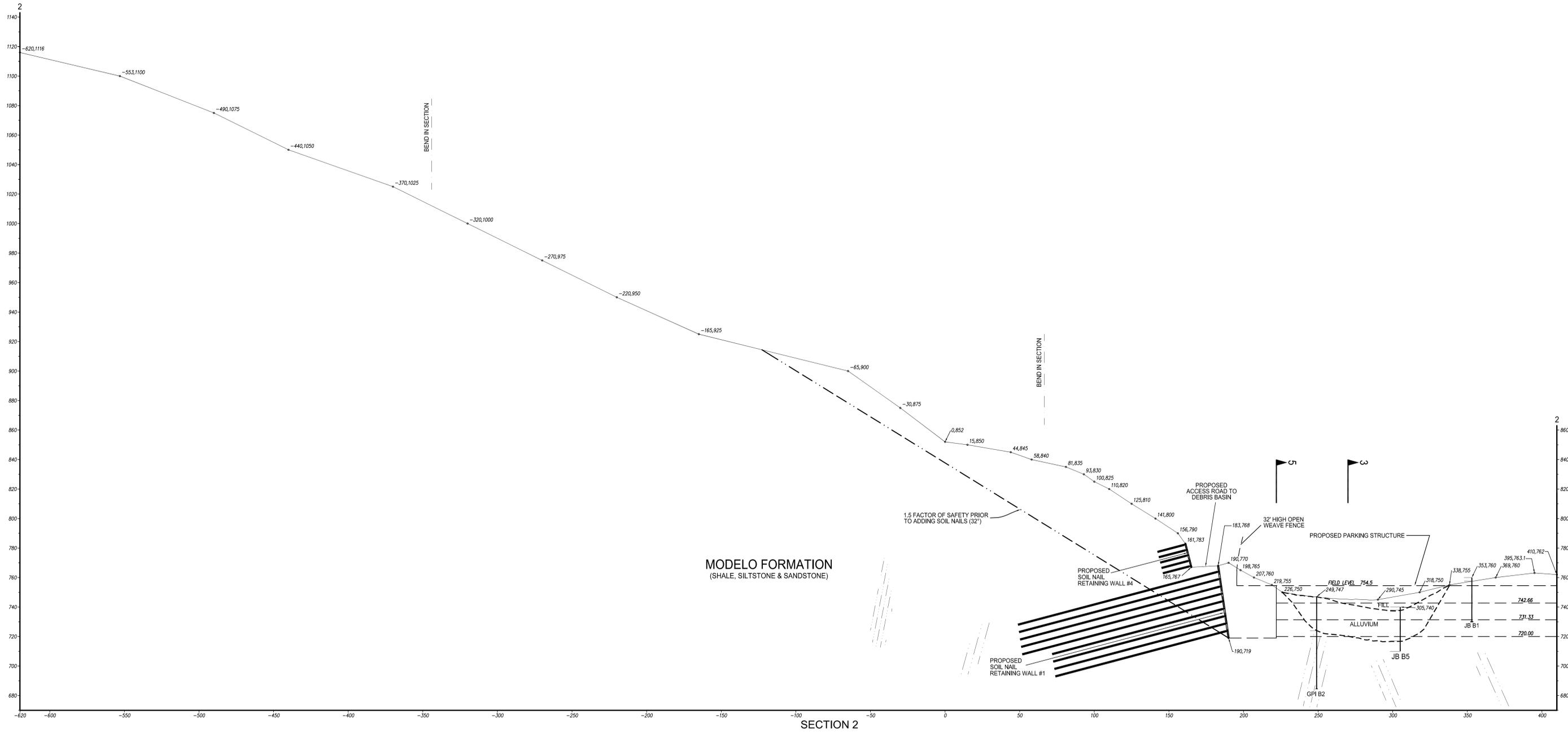
FEBRUARY 12, 2015

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818.540.9659 TLL
818.543.3747 FAX

SECTION 1	
BG: 21898 HARVARD-WESTLAKE SCHOOL	
CONSULTANT: RIZ	SCALE: 1" = 30'

REF: DETAIL 3, SHEET A11, INNOVATIVE DESIGN GROUP PLANS, DATED 1-17-2013
AND DRS PRELIMINARY SOIL NAIL PLAN SHEET SH-4.0 DATED 12-19-2014.

CAD FILE: S:\Home\Projects\21898 HARVARD-WESTLAKE SCHOOL_Parking Structure\Drawings\SECTION 1_L07282014.dwg PLOT DATE/TIME: 5/18/2015 4:20pm



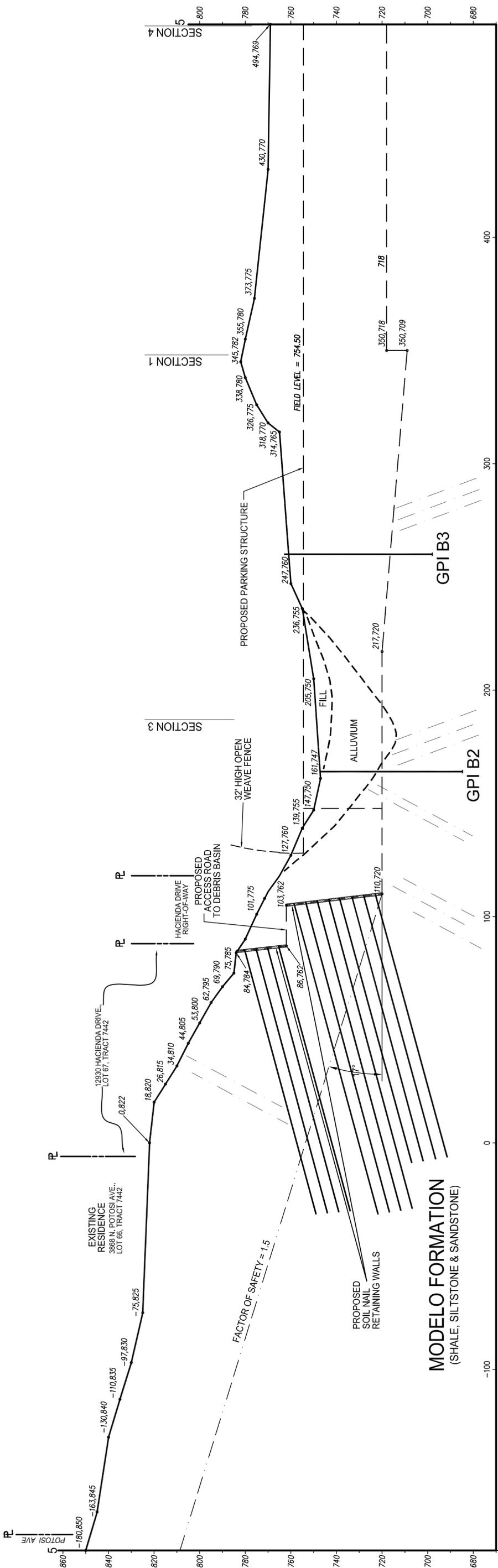
SECTION 2



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SECTION 2	
BG: 21898 HARVARD-WESTLAKE SCHOOL	
CONSULTANT: RIZ	SCALE: 1" = 30'

REF: INNOVATIVE DESIGN GROUP PLANS, DATED 1-17-13, AND SOIL NAIL WALL PLANS PER DRS ENGINEERING, INC., DATED 4-16-15.



SECTION 5

APRIL 10, 2015
FEBRUARY 12, 2015

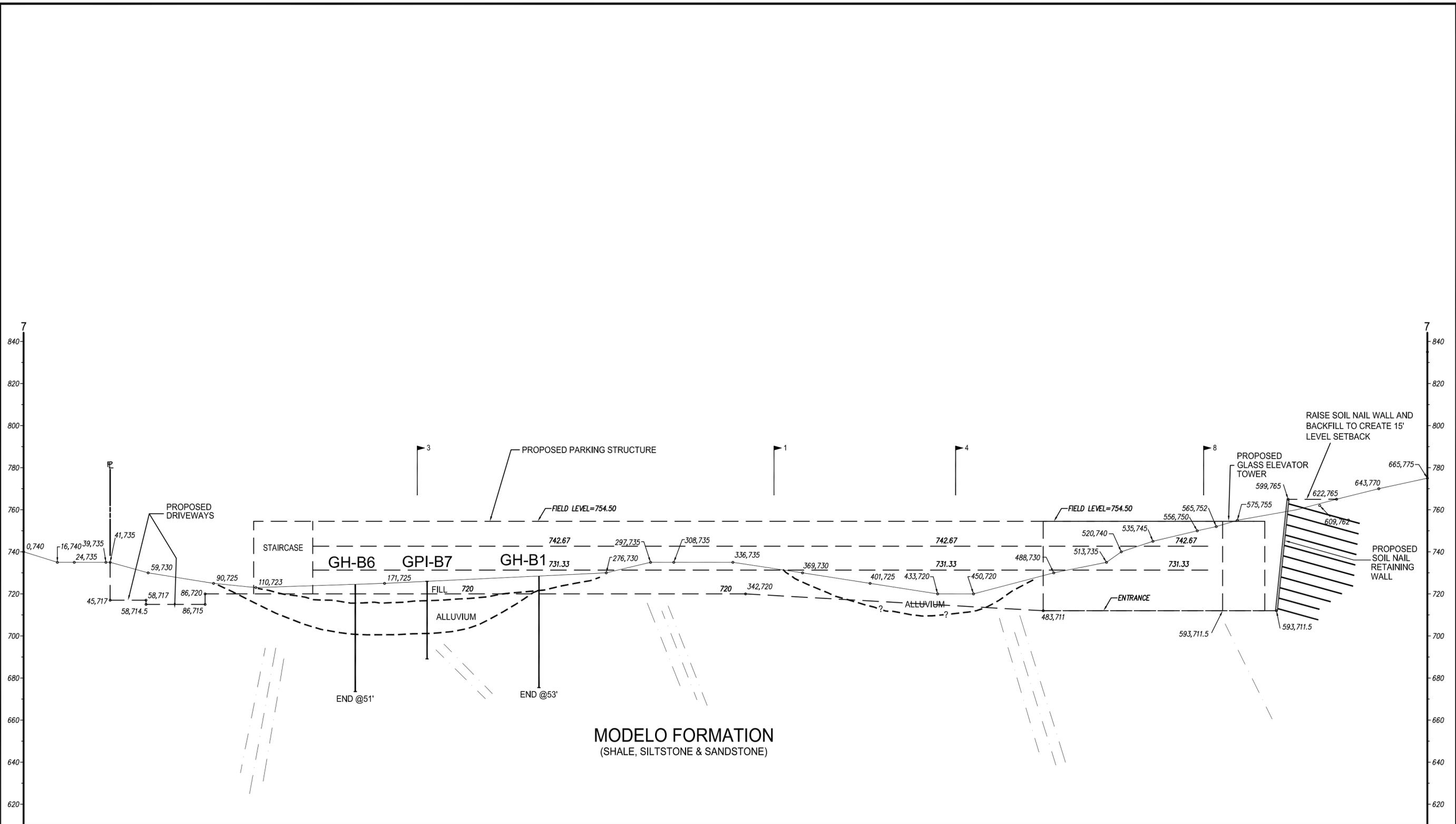


REVISED SECTION 5

BG: 21898 HARVARD-WESTLAKE SCHOOL

CONSULTANT: RIZ SCALE: 1" = 30'

REF: DETAIL 2, SHEET A9, PER INNOVATIVE DESIGN GROUP PLANS, DATED 1-17-2013 & SOIL NAIL WALL PLANS PER DBS ENGINEERING, INC. DATED 12-19-14.



SECTION 7

MAY 18, 2015
 APRIL 10, 2015
 FEBRUARY 12, 2015



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SECTION 7	
BG: 21898 HARVARD-WESTLAKE SCHOOL	
CONSULTANT: RIZ	SCALE: 1" = 30'

REF: DETAIL 2, SHEET A9, PER INNOVATIVE DESIGN GROUP PLANS, DATED 1-17-2013 & SOIL NAIL WALL PLANS PER DRS ENGINEERING, INC. DATED 12-19-14.

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 park@innovativedesigngroup.com

PROPOSED PROJECT: CONSTRUCTION OF A 3 STORY PARKING STRUCTURE WITH A ROOFTOP ATHLETIC FIELD AND A PEDESTRIAN BRIDGE AT THE 2ND LEVEL CONNECTING THE PARKING STRUCTURE TO THE EXISTING CAMPUS

PROJECT ADDRESS: 3701 N. COLDWATER CANYON AVENUE STUDIO CITY, CALIFORNIA

LEGAL DESCRIPTION:

LOT	BLOCK	ArD	MAP REFERENCE	TRACT	LOT COVERAGE:
FR 135	None	1 & 2	M B 72 - 77/84	TR 6295	Permitted: 40% Max
PT 1111	None	2	M B 19-34 (SHT 34)	TR 1000	Proposed: 28.96%
PT 1112	None	45	M B 19-34 (SHT 34)	TR 1000	
63	None	None	M B 148-9/12	TR 7442	
64	None	None	M B 148-9/12	TR 7442	
65	None	1	M B 148-9/12	TR 7442	
66	None	2	M B 148-9/12	TR 7442	
67	None	None	M B 148-9/12	TR 7442	
68	None	None	M B 148-9/12	TR 7442	
69	None	None	M B 148-9/12	TR 7442	

ASSESSOR PARCEL NUMBERS:

PARCEL 1:	2385018001	LOT AREAS:	PARCEL 1:	33,488.9 SF
PARCEL 2:	2385018011	PARCEL 2:	159,941.4 SF	
PARCEL 3:	2385018002	PARCEL 3:	15,854.2 SF	
PARCEL 4:	2385018003	PARCEL 4:	29,455.5 SF	
PARCEL 5:	2385019013	PARCEL 5:	6,639.0 SF	
PARCEL 6:	2385019014	PARCEL 6:	8,238.5 SF	
PARCEL 7:	2385019015	PARCEL 7:	3,347.7 SF	
PARCEL 8:	2385019016	PARCEL 8:	3,745.9 SF	
PARCEL 9:	2385019017	PARCEL 9:	6,329.2 SF	
PARCEL 10:	2385019049	PARCEL 10:	5,593.4 SF	
PARCEL 11:	2385019050	PARCEL 11:	7,344.6 SF	
PARCEL 12:	2385019051	PARCEL 12:	9,308.5 SF	
		TOTAL:	289,336.8 CSF	

INDICATES PARCEL ON PLAN

ZONE: RE40-1-H, RE15-1-H AND R1-1

PROPOSED HEIGHT:

PERMITTED:	30 FT.	PROPOSED:	37 FT 2 IN. @ North Retaining Wall	41 FT 3 IN. @ Top of Bridge	44 FT 6 IN. @ Top Slab Parking Structure	45 FT 7 IN. @ East Elevator Tower	56 FT 6 IN. @ Equip Rms/Offices
64 FT 11 IN. @ West Elevator Tower	76 FT 6 IN. @ Catchment Fence	83 FT 6 IN. @ Light Fixtures	95 FT 5 IN. @ Primary Retaining Wall				

PROPOSED AREAS:

BUILDABLE AREA:	176,542 SF	MAX. PERMITTED FLOOR AREA:	538,404 SF
PROPOSED NEW FLOOR AREA:	2,871 SF	PROPOSED PARKING AREA:	245,140 SF
PROPOSED ATHLETIC FIELD LEVEL AREA:	93,101 SF		

ESTIMATED GRADING QUANTITIES:

EXCAVATION FOR PARKING STRUCTURE	NET CUT:	117,000 CUBIC YARDS
EXCAVATION FOR SPREAD FOOTING FOUNDATION	NET CUT:	10,000 CUBIC YARDS
EXCAVATION OF DRIVEWAYS, FIELD ACCESS ROAD AND SITE IMPROVEMENTS	NET CUT:	3,000 CUBIC YARDS
EXCAVATION FOR ROADWAY WIDENING	NET CUT:	9,000 CUBIC YARDS
TOTAL NET CUT:	139,000 CUBIC YARDS	

PARKING SUMMARY

	Standard Stalls	Compact Stalls	Accessible Stalls
Parking Level One	203	6	7
Parking Level Two	231	13	8
Parking Level Three	258	24	0
TOTALS	692	43	15

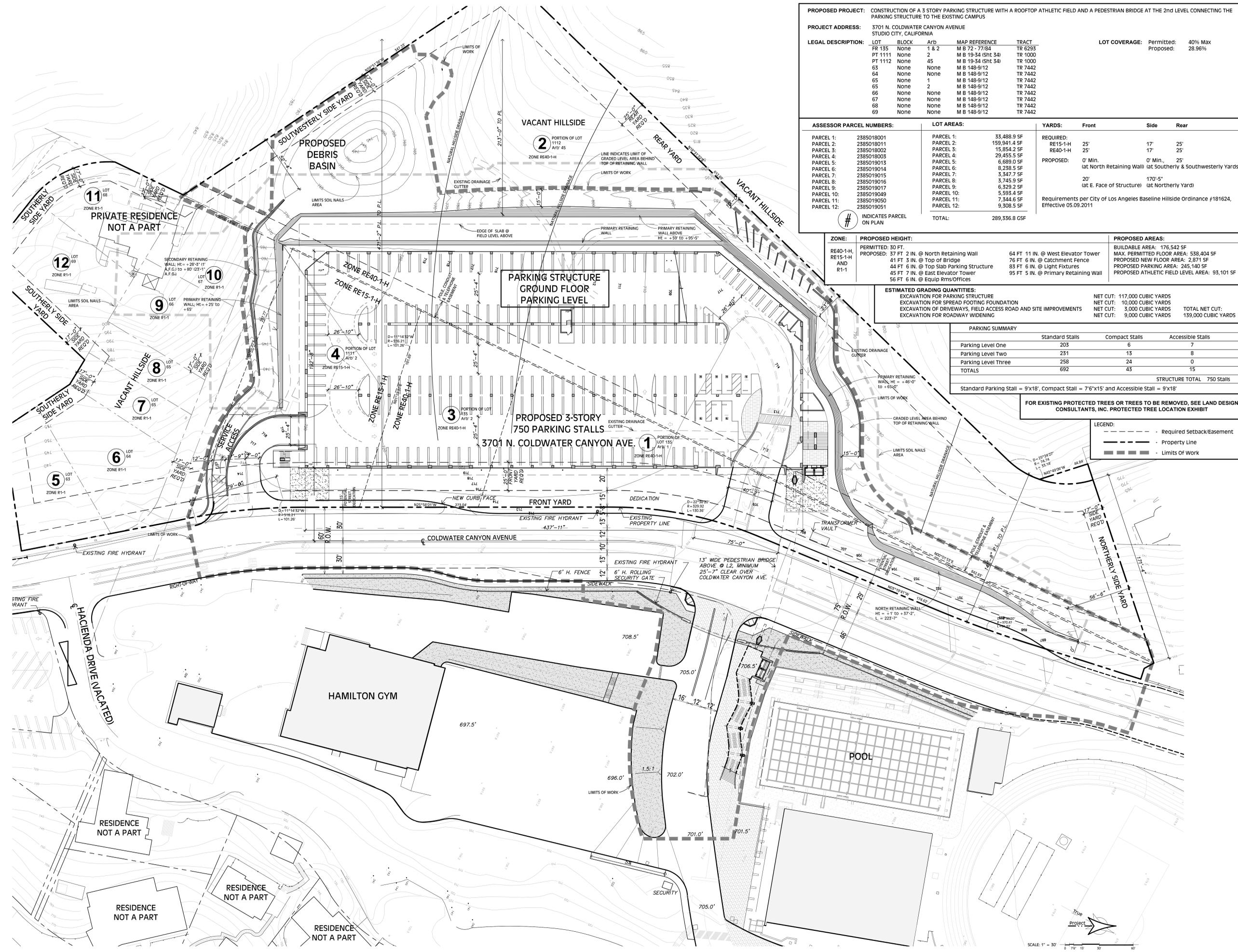
STRUCTURE TOTAL 750 Stalls

Standard Parking Stall = 9'x18', Compact Stall = 7'6"x15' and Accessible Stall = 9'x18'

FOR EXISTING PROTECTED TREES OR TREES TO BE REMOVED, SEE LAND DESIGN CONSULTANTS, INC. PROTECTED TREE LOCATION EXHIBIT

LEGEND:

- Required Setback/Easement
- Property Line
- Limits of Work



Harvard-Westlake Upper School Infrastructure Project

EXISTING CAMPUS:
 3700 Coldwater Canyon North Hollywood California

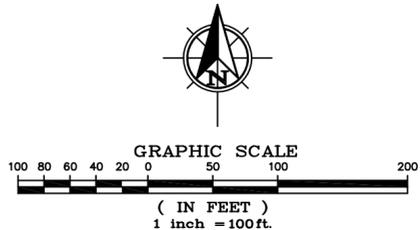
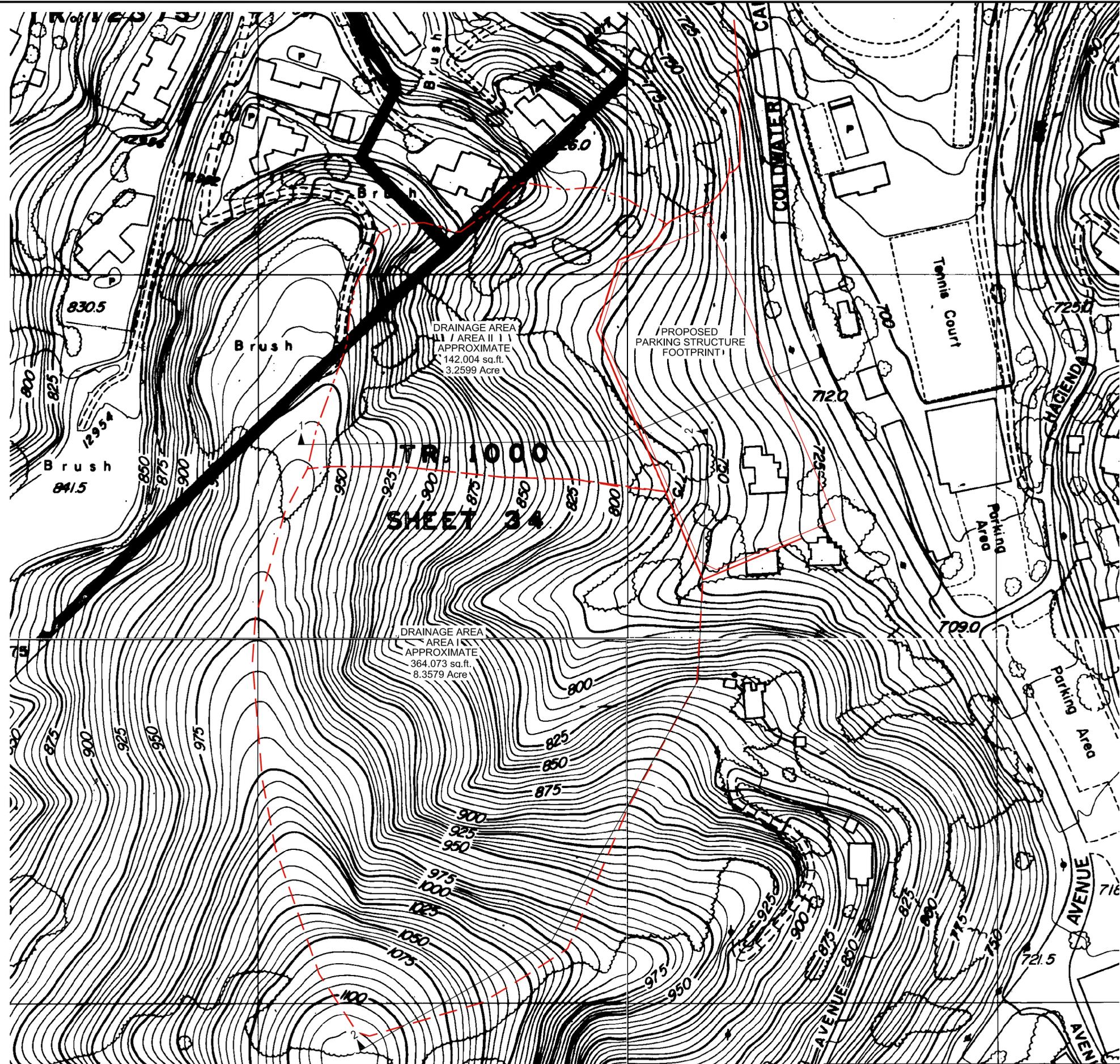
PROPOSED PARKING STRUCTURE:
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SCALE: 1" = 30'-0" DATE: 05.18.15

PROPOSED SITE PLAN

A2



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REGIONAL TOPOGRAPHIC MAP

BG: 21898 HAVARD ~ WESTLAKE SCHOOL

CONSULTANT: RIZ SCALE: 1" = 100'

REFERENCE: SANTA MONICA MOUNTAINS TOPOGRAPHIC MAPS SHEETS 69, 70, 89, & 90 DATED 1960

CADD FILE: S:\LandProject\21898_HAVARD~WESTLAKE_SCHOOL_Parking_Structure\Map\REGIONAL_TOPOGRAPHIC_MAP_03182015.dwg PLOT DATE/TIME: 5/18/2015 - 6:26pm