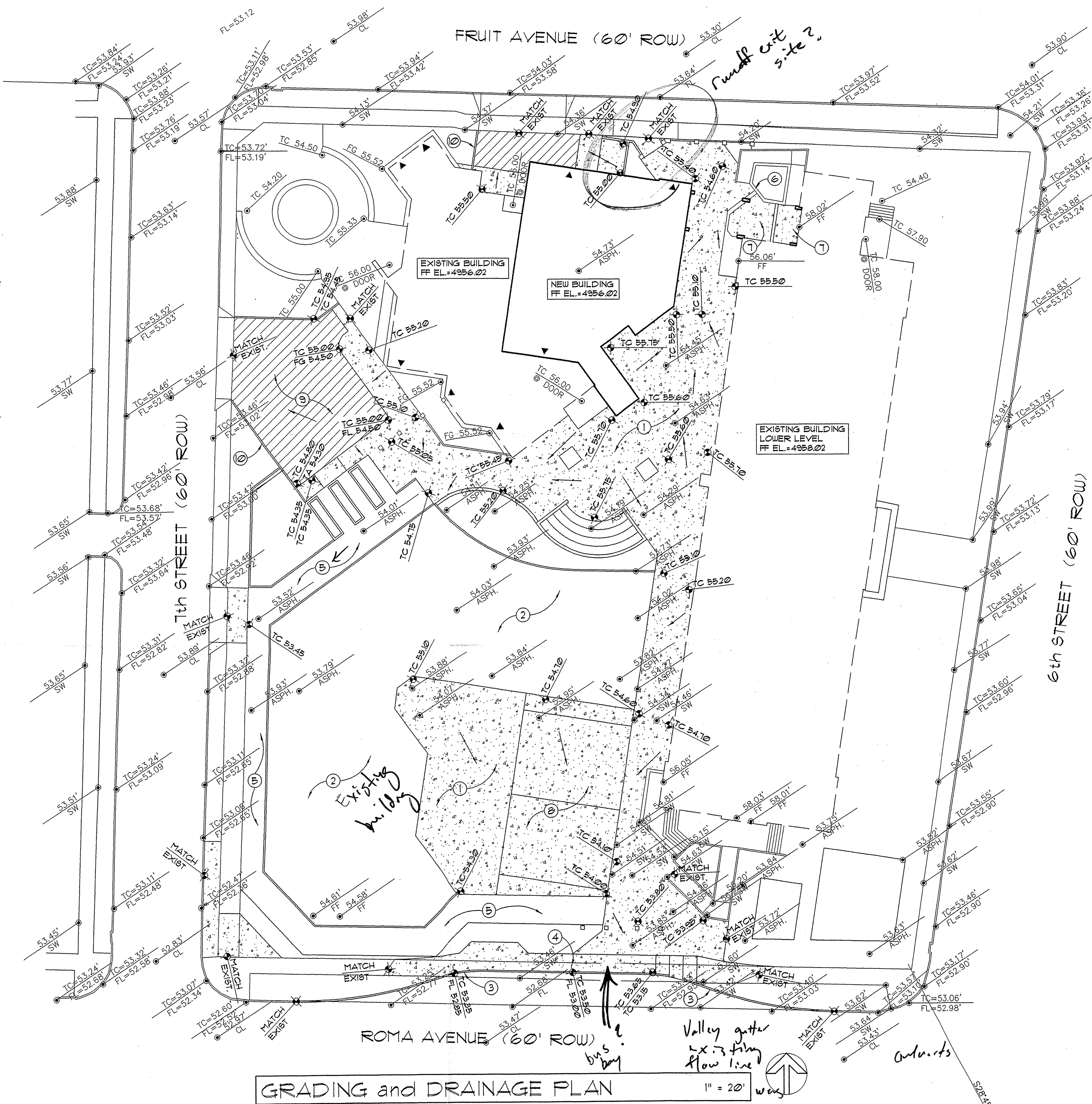




GRADING and DRAINAGE PLAN

LEGAL DESCRIPTION

ALL OF BLOCK 13, PERFECTO ARMIJO AND BROTHERS ADDITION, AN ADDITION TO THE CITY OF ALBUQUERQUE AS SHOWN AND DESIGNATED ON THE PLAT OF WHICH WAS FILED FOR RECORD IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON JULY 8, 1881 IN BOOK D, FOLIO 116, BEING A PORTION OF SECTION 11, TOWNSHIP 10 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, BERNALILLO COUNTY, NEW MEXICO.

PROJECT BENCHMARK

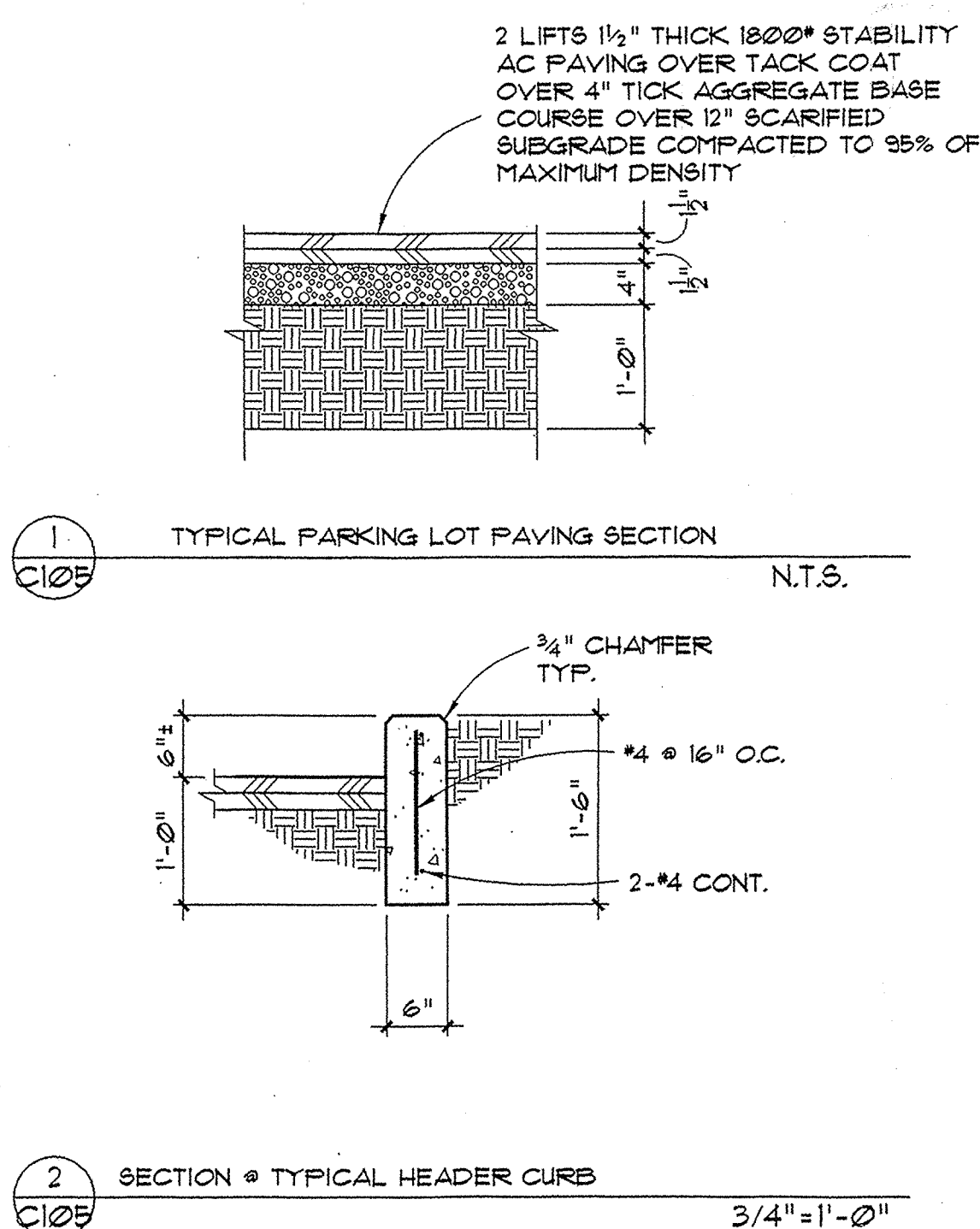
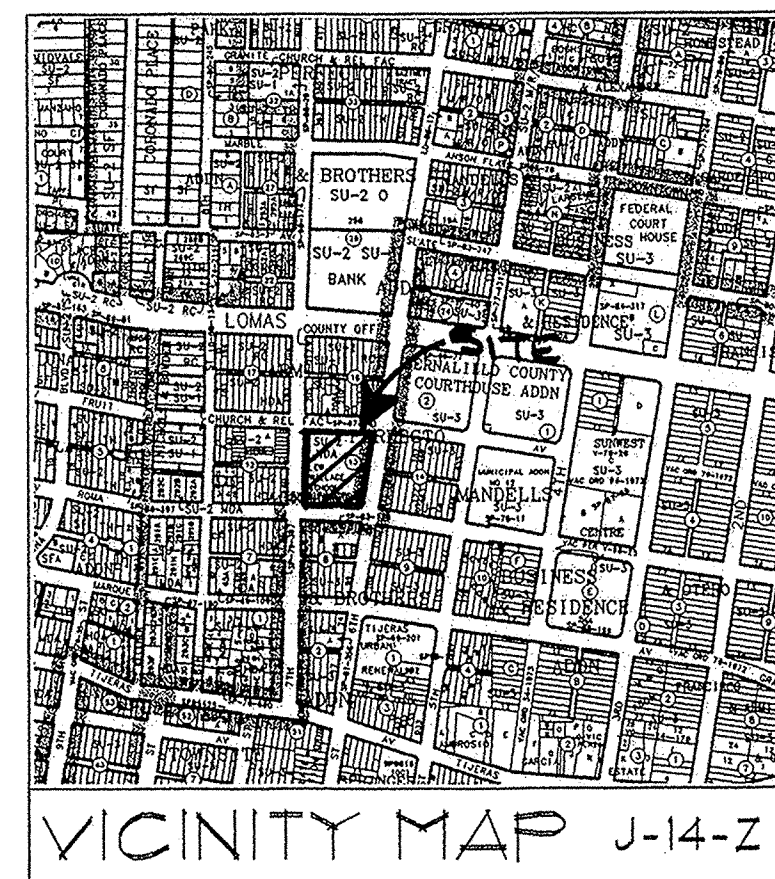
ALBUQUERQUE CONTROL STATION "4-J14" DATA: STANDARD ACS BRASS TABLET (FOUND IN PLACE) NEW MEXICO STATE PLANE GRID COORDINATES (CENTRAL ZONE) X=379591.81, Y=1481918.13, GROUND TO GRID FACTOR = 0.99967910, DELTA ALPHA = -00°13'53"

HYDROLOGY CALCULATIONS

ALBUQUERQUE, NM DPM (JANUARY, 1993) CRITERIA - SIMPLE PROCEDURE
PRECIPITATION ZONE 2 - PER DPM 22.2
100 - YR Design Storm (P) Depth (in)
1hr 6hr 24hr 4day 10day
2.01 2.35 2.75 3.30 3.95

EXISTING CONDITIONS	TREATMENT	AREA (ACRE)	AREA (%)	P6 (IN/AC)	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4day (CF)	V10day (CF)
A	0.00	0%	0.53	1.56	0.00	0	0	0	0	0
B	0.247	14%	0.78	2.28	0.56	699	699	699	699	699
C	0.194	11%	1.13	3.14	0.61	796	796	796	796	796
D	1.349	75%	2.12	4.70	6.34	10,381	12,340	15,033	18,216	18,216
TOTALS	1.790	100%			7.51	11,876	13,835	16,529	19,711	19,711

PROPOSED CONDITIONS	TREATMENT	AREA (ACRE)	AREA (%)	P6 (IN/AC)	Q (CFS/AC)	Q (CFS)	V6 (CF)	V24 (CF)	V4day (CF)	V10day (CF)
A	0.00	0%	0.53	1.56	0.00	0	0	0	0	0
B	0.281	16%	0.78	2.28	0.64	796	796	796	796	796
C	0.078	4%	1.13	3.14	0.24	320	320	320	320	320
D	1.431	80%	2.12	4.70	6.73	11,012	13,090	15,947	19,324	19,324
TOTALS	1.790	100%			7.61	12,128	14,206	17,063	20,439	20,439

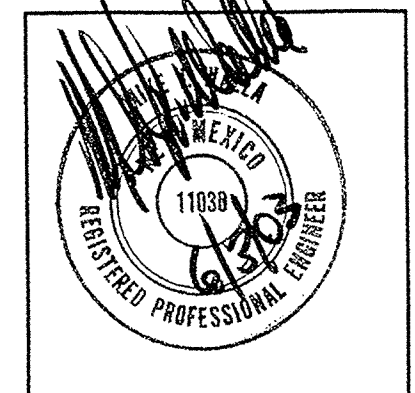


LEGEND

- PROPERTY LINE
- 54.01' PROPOSED SPOT ELEVATION
- 54.01' EXISTING SPOT ELEVATION
- FLOW DIRECTION ARROW
- SWALE DIRECTION
- FF FINISHED FLOOR
- FG FINISHED GRADE
- TC TOP OF CONCRETE
- FL FLOWLINE
- TA TOP OF ASPHALT
- TW TOP OF WALL
- NEW CONCRETE PAVING
- NEW ASPHALT PAVING
- ▲ ROOF DRAIN LOCATION

KEYED NOTES

- NEW 4" 4000 PSI, CONCRETE PAVING REINFORCED WITH POLYPROPYLENE FIBERS OVER COMPACTED SUBGRADE - SEE C104 FOR JOINT PATTERN
- SAND PLAY AREA
- NEW CURB AND GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING #2415
- CONCRETE SIDEWALK PER CITY OF ALBUQUERQUE STANDARD DRAWING #2430
- GRAVEL RUNNING PATH
- EXISTING PLANTER WALL TO REMAIN
- REMOVE AND REPLACE CONCRETE SIDEWALK AND STAIRS AS REQUIRED TO INSTALL NEW BUILDING FOOTINGS
- NEW 5" 4000 PSI, AIR-ENTRAINED CONCRETE PAVING OVER SUBGRADE COMPACTED TO 95% OF MAXIMUM DENSITY. REINFORCE W/4" 16" O.C. EACH WAY
- AC PAVING PER C105
- CONCRETE CURB PER C105

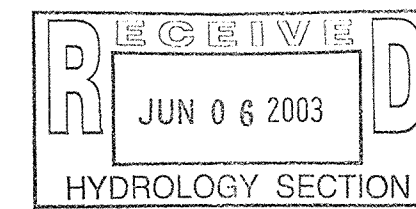


WRIGHT AND HAMMER
 ARCHITECTS
 1736 ALISO DRIVE, N.E.
 ALBUQUERQUE, N.M.
 87110 506-266-6764

ALBUQUERQUE PUBLIC SCHOOLS
 LEW WALLACE ELEMENTARY SCHOOL
 PHASE 2
 ADDITIONS & IMPROVEMENTS
 ALBUQUERQUE, NEW MEXICO

DATE:
15 MAY, 2003

REVISIONS:



Walla
ENGINEERING
Structural Engineering
Civil Engineering
6100 Indian School Road NE, Suite 210
Albuquerque, New Mexico 87110
881-3008 • Facsimile 884-5390

SHEET
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