

CITY OF ALBUQUERQUE

Planning Department
Suzanne Lubar, Director



Mayor Richard J. Berry

January 12, 2016

Bruce Phillips, PE C/O Bernie Montoya
BJM Consulting
8624 Casa Verde Ave NW
Albuquerque, NM 87120

**Re: Professional Paint Supply-Storage Building Addition
3921 Singer Blvd NE
Grading & Drainage Plan (E17D029A)
Engineer Stamp Date 1/6/2016**

Dear Mr. Montoya,

PO Box 1293

Based upon the information provided in your submittal received 1/11/16, the above referenced plan is approved for Paving Permit and Building Permit. Please attach a copy of this approved plan dated 1/6/16 to the construction sets in the permitting process prior to sign-off by Hydrology.

Albuquerque

Prior to Certificate of Occupancy release, Engineer Certification per the DPM checklist will be required.

New Mexico 87103

If you have any questions, you can contact me at 924-3695 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely,

Abiel Carrillo, P.E.
Principal Engineer, Hydrology
Planning Department

RR/AC
C: email

LEGAL DESCRIPTION

LOT C-482 PARK SITE
INDUSTRIAL
BERNILLO COUNTY,
NEW MEXICO.

EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RAINFALL DURING CONSTRUCTION. HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE IN PLACE:

- ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF TO LEAVE THE SITE AND EXISTING ADJACENT PROPERTY.
- ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF TO LEAVE THE SITE AND EXISTING ADJACENT PROPERTY.
- THE CONTRACTOR SHALL MAINTAIN AND THOROUGHLY REMOVE ANY BROOD FROM THE SITE AND DEPOSITED THERE.

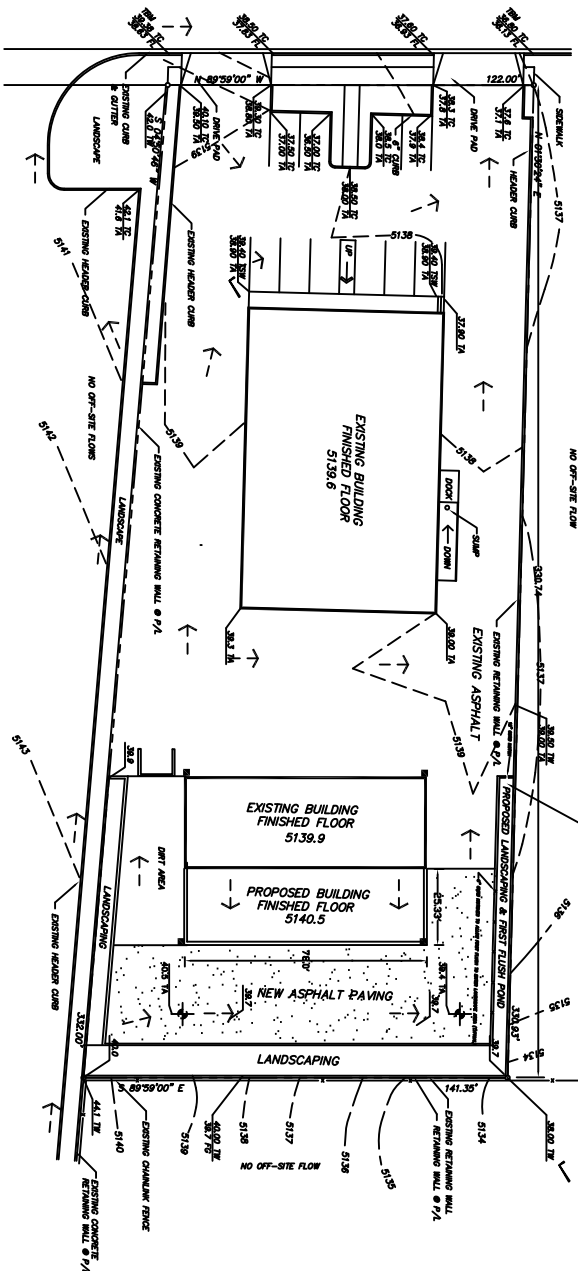
BENCH-MARK INFORMATION

TEMPORARY BENCH-MARK SHALL BE THE TYPE OF CHAIN SPRAY PAINTED GRADE (B.M.) BEARS ELEVATION OF 5140.5. THE BENCH-MARK SHALL BE LOCATED EAST OF DIVERSION CHANNEL, CHANNEL, AND SOUTH OF CRAMA ROAD BEARS ELEVATION 5140.000.

FIRST FLUSH

NEW IMPERVIOUS AREA = 6796 SQ. FT. X 0.0283 FT. = 192.27 CUBIC FEET FIRST FLUSH FORD 414 SQ. FT. X 3.3 = 207 CUBIC FEET OR

SINGER BLVD. N.E.



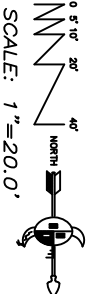
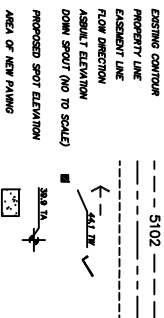
DOWN STREAM CONDITIONS:

FLOOD GENERATED OR OTHERWISE IS DISCHARGED INTO SINGER BLVD. AND FLOWS SOUTH TO DIVERSION CHANNEL AND SOUTH TO CRAMA ROAD. THE FLOOD CONTROL STRUCTURES (NORTH DIVERSION CHANNEL, DIVERSION CHANNEL, AND SOUTH OF CRAMA ROAD) ARE IN GOOD CONDITION. THERE ARE NO OFF-SITE FLOWS TO THIS SITE.

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before beginning any work within the City right-of-way. Approved copy of this plan must be submitted at the time of application for permit.
2. All work detailed in this plan to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with City of Albuquerque Standard Specification for Public Works Construction.
3. Two working days prior to any excavation, contractor must contact line locating Services for locating existing utilities. (780-1990).
4. Prior to construction, the contractor shall excavate and verify the horizontal and vertical location of all construction. Should a conflict exist, the contractor shall notify the engineer so that the conflict can be resolved with a minimum amount of delay.
5. Backfill compaction shall be according to Commercial use.
6. All work on this project shall be performed in accordance with applicable Federal, State and local laws, rules and regulations concerning construction safety and health.
7. Maintenance of this facilities shall be the responsibility of the owner of the property served.

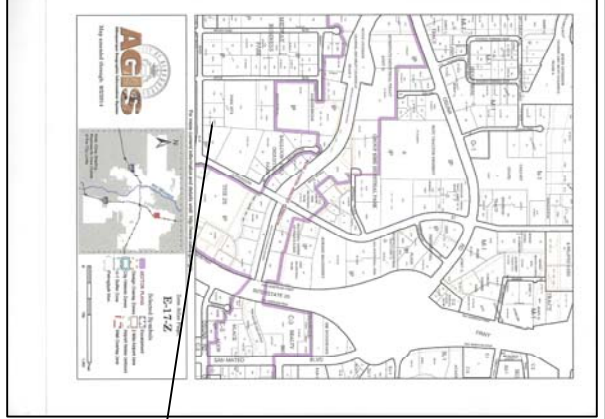
SYMBOL LEGEND



GRADING DRAINAGE PLAN
THE FOLLOWING TYPED CONSTRUCTION OF C-482 INDUSTRIAL PARK SITE (PARK SINGER BLVD. N.E.)
BERNILLO COUNTY, NEW MEXICO IS CONTAINED HEREIN.

DESIGN CONDITIONS
A. SHOWING BY THE PROPERTY LINE, THE SITE CONTOUR, THE EXISTING AND PROPOSED FLOWS OF THE
WATER, THE SITE IS LOCATED WITHIN THE BERNILLO COUNTY, NEW MEXICO, AND THE
FLOOD CONTROL STRUCTURES (NORTH DIVERSION CHANNEL, DIVERSION CHANNEL, AND SOUTH OF
CRAMA ROAD) ARE IN GOOD CONDITION. THERE ARE NO OFF-SITE FLOWS TO THIS SITE.

PROPOSED CONDITIONS
AS SHOWN BY THE GRADING DRAINAGE PLAN, THE PROJECT WILL CONSIST OF A 1,400 SQ. FT. BUILDING
ADJACENT TO THE EXISTING AND PROPOSED FLOWS OF THE WATER, THE SITE IS LOCATED WITHIN THE
BERNILLO COUNTY, NEW MEXICO, AND THE FLOOD CONTROL STRUCTURES (NORTH DIVERSION CHANNEL,
DIVERSION CHANNEL, AND SOUTH OF CRAMA ROAD) ARE IN GOOD CONDITION. THERE ARE NO OFF-SITE
FLOWS TO THIS SITE.



PROJECT AREA = 1.40	PEAK DISCHARGE
ADJACENT TO PROFESSIONAL, MAINT SUPPLY	1.40 cfs/sec
PRECIPITATION: 300" = 2.50 in	1.40 cfs/sec
1000" = 8.33 in	1.40 cfs/sec
1500" = 12.50 in	1.40 cfs/sec
2000" = 16.67 in	1.40 cfs/sec
2500" = 20.83 in	1.40 cfs/sec
3000" = 25.00 in	1.40 cfs/sec
3500" = 29.17 in	1.40 cfs/sec
4000" = 33.33 in	1.40 cfs/sec
4500" = 37.50 in	1.40 cfs/sec
5000" = 41.67 in	1.40 cfs/sec
5500" = 45.83 in	1.40 cfs/sec
6000" = 50.00 in	1.40 cfs/sec
6500" = 54.17 in	1.40 cfs/sec
7000" = 58.33 in	1.40 cfs/sec
7500" = 62.50 in	1.40 cfs/sec
8000" = 66.67 in	1.40 cfs/sec
8500" = 70.83 in	1.40 cfs/sec
9000" = 75.00 in	1.40 cfs/sec
9500" = 79.17 in	1.40 cfs/sec
10000" = 83.33 in	1.40 cfs/sec
10500" = 87.50 in	1.40 cfs/sec
11000" = 91.67 in	1.40 cfs/sec
11500" = 95.83 in	1.40 cfs/sec
12000" = 100.00 in	1.40 cfs/sec
12500" = 104.17 in	1.40 cfs/sec
13000" = 108.33 in	1.40 cfs/sec
13500" = 112.50 in	1.40 cfs/sec
14000" = 116.67 in	1.40 cfs/sec
14500" = 120.83 in	1.40 cfs/sec
15000" = 125.00 in	1.40 cfs/sec
15500" = 129.17 in	1.40 cfs/sec
16000" = 133.33 in	1.40 cfs/sec
16500" = 137.50 in	1.40 cfs/sec
17000" = 141.67 in	1.40 cfs/sec
17500" = 145.83 in	1.40 cfs/sec
18000" = 150.00 in	1.40 cfs/sec
18500" = 154.17 in	1.40 cfs/sec
19000" = 158.33 in	1.40 cfs/sec
19500" = 162.50 in	1.40 cfs/sec
20000" = 166.67 in	1.40 cfs/sec
20500" = 170.83 in	1.40 cfs/sec
21000" = 175.00 in	1.40 cfs/sec
21500" = 179.17 in	1.40 cfs/sec
22000" = 183.33 in	1.40 cfs/sec
22500" = 187.50 in	1.40 cfs/sec
23000" = 191.67 in	1.40 cfs/sec
23500" = 195.83 in	1.40 cfs/sec
24000" = 200.00 in	1.40 cfs/sec
24500" = 204.17 in	1.40 cfs/sec
25000" = 208.33 in	1.40 cfs/sec
25500" = 212.50 in	1.40 cfs/sec
26000" = 216.67 in	1.40 cfs/sec
26500" = 220.83 in	1.40 cfs/sec
27000" = 225.00 in	1.40 cfs/sec
27500" = 229.17 in	1.40 cfs/sec
28000" = 233.33 in	1.40 cfs/sec
28500" = 237.50 in	1.40 cfs/sec
29000" = 241.67 in	1.40 cfs/sec
29500" = 245.83 in	1.40 cfs/sec
30000" = 250.00 in	1.40 cfs/sec
30500" = 254.17 in	1.40 cfs/sec
31000" = 258.33 in	1.40 cfs/sec
31500" = 262.50 in	1.40 cfs/sec
32000" = 266.67 in	1.40 cfs/sec
32500" = 270.83 in	1.40 cfs/sec
33000" = 275.00 in	1.40 cfs/sec
33500" = 279.17 in	1.40 cfs/sec
34000" = 283.33 in	1.40 cfs/sec
34500" = 287.50 in	1.40 cfs/sec
35000" = 291.67 in	1.40 cfs/sec
35500" = 295.83 in	1.40 cfs/sec
36000" = 300.00 in	1.40 cfs/sec
36500" = 304.17 in	1.40 cfs/sec
37000" = 308.33 in	1.40 cfs/sec
37500" = 312.50 in	1.40 cfs/sec
38000" = 316.67 in	1.40 cfs/sec
38500" = 320.83 in	1.40 cfs/sec
39000" = 325.00 in	1.40 cfs/sec
39500" = 329.17 in	1.40 cfs/sec
40000" = 333.33 in	1.40 cfs/sec
40500" = 337.50 in	1.40 cfs/sec
41000" = 341.67 in	1.40 cfs/sec
41500" = 345.83 in	1.40 cfs/sec
42000" = 350.00 in	1.40 cfs/sec
42500" = 354.17 in	1.40 cfs/sec
43000" = 358.33 in	1.40 cfs/sec
43500" = 362.50 in	1.40 cfs/sec
44000" = 366.67 in	1.40 cfs/sec
44500" = 370.83 in	1.40 cfs/sec
45000" = 375.00 in	1.40 cfs/sec
45500" = 379.17 in	1.40 cfs/sec
46000" = 383.33 in	1.40 cfs/sec
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47000" = 391.67 in	1.40 cfs/sec
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48500" = 404.17 in	1.40 cfs/sec
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49500" = 412.50 in	1.40 cfs/sec
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57000" = 475.00 in	1.40 cfs/sec
57500" = 479.17 in	1.40 cfs/sec
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58500" = 487.50 in	1.40 cfs/sec
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60500" = 504.17 in	1.40 cfs/sec
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61500" = 512.50 in	1.40 cfs/sec
62000" = 516.67 in	1.40 cfs/sec
62500" = 520.83 in	1.40 cfs/sec
63000" = 525.00 in	1.40 cfs/sec
63500" = 529.17 in	1.40 cfs/sec
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64500" = 537.50 in	1.40 cfs/sec
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66000" = 550.00 in	1.40 cfs/sec
66500" = 554.17 in	1.40 cfs/sec
67000" = 558.33 in	1.40 cfs/sec
67500" = 562.50 in	1.40 cfs/sec
68000" = 566.67 in	1.40 cfs/sec
68500" = 570.83 in	1.40 cfs/sec
69000" = 575.00 in	1.40 cfs/sec
69500" = 579.17 in	1.40 cfs/sec
70000" = 583.33 in	1.40 cfs/sec
70500" = 587.50 in	1.40 cfs/sec
71000" = 591.67 in	1.40 cfs/sec
71500" = 595.83 in	1.40 cfs/sec
72000" = 600.00 in	1.40 cfs/sec
72500" = 604.17 in	1.40 cfs/sec
73000" = 608.33 in	1.40 cfs/sec
73500" = 612.50 in	1.40 cfs/sec
74000" = 616.67 in	1.40 cfs/sec
74500" = 620.83 in	1.40 cfs/sec
75000" = 625.00 in	1.40 cfs/sec
75500" = 629.17 in	1.40 cfs/sec
76000" = 633.33 in	1.40 cfs/sec
76500" = 637.50 in	1.40 cfs/sec
77000" = 641.67 in	1.40 cfs/sec
77500" = 645.83 in	1.40 cfs/sec
78000" = 650.00 in	1.40 cfs/sec
78500" = 654.17 in	1.40 cfs/sec
79000" = 658.33 in	1.40 cfs/sec
79500" = 662.50 in	1.40 cfs/sec
80000" = 666.67 in	1.40 cfs/sec
80500" = 670.83 in	1.40 cfs/sec
81000" = 675.00 in	1.40 cfs/sec
81500" = 679.17 in	1.40 cfs/sec
82000" = 683.33 in	1.40 cfs/sec
82500" = 687.50 in	1.40 cfs/sec
83000" = 691.67 in	1.40 cfs/sec
83500" = 695.83 in	1.40 cfs/sec
84000" = 700.00 in	1.40 cfs/sec
84500" = 704.17 in	1.40 cfs/sec
85000" = 708.33 in	1.40 cfs/sec
85500" = 712.50 in	1.40 cfs/sec
86000" = 716.67 in	1.40 cfs/sec
86500" = 720.83 in	1.40 cfs/sec
87000" = 725.00 in	1.40 cfs/sec
87500" = 729.17 in	1.40 cfs/sec
88000" = 733.33 in	1.40 cfs/sec
88500" = 737.50 in	1.40 cfs/sec
89000" = 741.67 in	1.40 cfs/sec
89500" = 745.83 in	1.40 cfs/sec
90000" = 750.00 in	1.40 cfs/sec
90500" = 754.17 in	1.40 cfs/sec
91000" = 758.33 in	1.40 cfs/sec
91500" = 762.50 in	1.40 cfs/sec
92000" = 766.67 in	1.40 cfs/sec
92500" = 770.83 in	1.40 cfs/sec
93000" = 775.00 in	1.40 cfs/sec
93500" = 779.17 in	1.40 cfs/sec
94000" = 783.33 in	1.40 cfs/sec
94500" = 787.50 in	1.40 cfs/sec
95000" = 791.67 in	1.40 cfs/sec
95500" = 795.83 in	1.40 cfs/sec
96000" = 800.00 in	1.40 cfs/sec
96500" = 804.17 in	1.40 cfs/sec
97000" = 808.33 in	1.40 cfs/sec
97500" = 812.50 in	1.40 cfs/sec
98000" = 816.67 in	1.40 cfs/sec
98500" = 820.83 in	1.40 cfs/sec
99000" = 825.00 in	1.40 cfs/sec
99500" = 829.17 in	1.40 cfs/sec
100000" = 833.33 in	1.40 cfs/sec

Project Name
**PROPOSED STORAGE ADDITION TO
PROFESSIONAL PAINT SUPPLY
3921 SINGER BLVD. N.E.
ALBUQUERQUE, NEW MEXICO**

Sheet Title
GRADING & DRAINAGE PLAN
Drawn By: **BJ Montoya** Checked By:

DATE: 3/20/2015

REVISION: 1-1-2015

CD