CITY OF ALBUQUERQUE

Planning Department Suzanne Lubar, Director



Mayor Richard J. Berry

October 24, 2016

James H. Littlejohn, P.E. Littlejohn Engineering Assoc. 1935 21st Ave. S Nashville TN, 37212

RE: DCI Southwest Mesa 8217 Central Ave NW Grading and Drainage Plan Engineers Stamp Date 9/8/16 (K10D056)

Dear Mr. Littlejohn,

PO Box 1293

Albuquerque

Please inform the Architect/Owner or the contractor to attach a copy of this approved plan dated 9/8/16 to the construction sets in the permitting process prior to sign-off by Hydrology. If this plan is not with the construction plan sets the permitting process will be held up until the plan is provided, also provide a copy of the ESC permit with the plans.

New Mexico 87103

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

Based upon the information provided in your submittal received 10/5/16, this plan is

approved for Grading Permit, Paving Permit and Building Permit.

If you have any questions, please contact me at 924-3986 or Rudy Rael at 924-3977.

www.cabq.gov

Sincerely

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

RR/AC C: File

Albuquerque - Making History 1706-2006





SITE DESCRIPTION AND NOTES:

THE SITE IS LOCATED ON TRACT B-1 OF THE TOWN OF ATRISCO GRANT IN ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO. CONSTRUCTION ACTIVITY ON THIS SITE WILL CONSIST OF DISTURBING APPROXIMATELY 2.28 ± ACRES TO CONSTRUCT A NEW DIALYSIS CLINIC.

- 1. APPROXIMATE CONSTRUCTION TIME TABLE: BEGIN CONSTRUCTION - SEPTEMBER 2016 COMPLETE CONSTRUCTION - SEPTEMBER 2017
- 1. CONSTRUCTION SEQUENCE: A. ATTEND WATER QUALITY DIVISION PRE-CONSTRUCTION MEETING.
- B. INSTALL CONSTRUCTION ENTRANCE AND SILT FENCE
- C. CONTACT WATER QUALITY DIVISION EROSION CONTROL INSPECTOR FOR INSPECTION OF EROSION CONTROL DEVICES TO OBTAIN GRADING PERMIT.
- D. CLEAR AND GRUB THE REMAINING SITE.
- E. CONSTRUCT REMAINING SITE ACCORDING TO APPROVED PLANS, INCLUDING ALL ADDITIONAL EROSION CONTROL DEVICES.
- F. UPON PERMANENT SITE STABILIZATION SEED AND STRAW.
- G. REMOVE ALL OTHER EROSION TEMPORARY CONTROL DEVICES PRIOR TO AS-BUILT APPROVALS.
- 3. TOTAL PROJECT AREA = 88,547 SF ($2.03 \pm$ AC.) DISTURBED AREA = $99,303 \text{ S.F.} (2.28 \pm \text{ AC.})$

EROSION CONTROL NOTES:

DENUDED AREAS.

- 1. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATION BEGINS AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REPLACED AT THE END OF THE WORKDAY.
- 2. THE FOLLOWING RECORDS SHALL BE MAINTAINED ON OR NEAR SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR; THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; THE DATES WHEN STABILIZATION MEASURES ARE INITIATED; INSPECTION RECORDS AND RAINFALL RECORDS.
- 3. THE CONTRACTOR SHALL MAINTAIN A RAIN GAUGE AND DAILY RAINFALL RECORDS AT THE SITE OR USE A REFERENCE SITE FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION.
- 4. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE
- AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED. 5. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR
- 6. SEDIMENT SHOULD BE REMOVED FROM SEDIMENT TRAPS, SILT FENCES, SEDIMENTATION PONDS AND OTHER SEDIMENT CONTROLS AS NECESSARY AND MUST BE REMOVED WHEN DESIGN CAPACITY HAS BEEN REDUCED BY 50% OR AS DIRECTED BY OWNERS REPRESENTATIVE.
- 7. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
- 8. THE CONTRACTOR SHALL REMOVE THE TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES ONLY AFTER A SOLID STAND OF GRASS HAS BEEN ESTABLISHED ON GRADED AREAS AND WHEN IN THE OPINION OF THE OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.

CITY OF ALBUQUERQUE NOTES:

- 1. WHEN DOING WORK IN THE CITY ROW (E.G. SIDEWALK, DRIVE PADS, UTILITIES, ETC...) PREVENT DIRT FROM GETTING INTO THE STREET. IF DIRT IS PRESENT IN THE STREET, THE STREET SHOULD BE SWEPT EVERY FEW DAYS OR THE SAME DAY IF RAIN IS IMMINENT.
- 2. WHEN CUTTING THE STREET FOR UTILITIES DIRT SHOULD BE PLACED ON THE UPHILL SIDE OF THE STREET CUT AND THE AREA SWEPT AFTER THE WORK IS COMPLETE.
- 3. ON STREETS WHERE THE LONGITUDINAL SLOPE IS STEEPER THAN 2.5%, WATTLES OR J-HOOK SILT FENCE SHOULD BE PLACED IN THE FRONT YARD SWALE..
- 4. WHEN INSTALLING UTILITIES BEHIND THE CURB, THE EXCAVATED DIRT SHOULD NOT BE PLACED IN THE STREET.

NOTE: CONTRACTOR TO PROVIDE AN AREA FOR CONCRETE WASH DOWN AND EQUIPMENT FUELING. CONTRACTOR TO COORDINATE EXACT LOCATION WITH NPDES DEPARTMENT DURING PRE-CONSTRUCTION MEETING. CONTROL OF OTHER SITE WASTES SUCH AS DISCARDED BUILDING MATERIALS, CHEMICALS, LITTER, AND SANITARY WASTES THAT MAY CAUSE ADVERSE IMPACTS TO WATER QUALITY IS ALSO REQUIRED BY THE GRADING PERMITTEE.

EROSION CONTROL KEYNOTES			
CODE	DESCRIPTION		
EC1	TEMPORARY CONSTRUCTION ENTRANCE		
EC2	SILT FENCE		
EC8b	SEDIMENT TRAP		

0 5 10 15 20 GRAPHIC SCALE









- OUTFALL.

- THE NEED IS IDENTIFIED.
- DAYS FOLLOWING THE INSPECTION.

SITE ASSESSMENT NOTES

- THE SITE.

NOTE:

- BY CONTRACTOR).





	SITE LAYOUT KEYNOTES	
CODE	DESCRIPTION	
Sla	ASPHALT PAVEMENT - LIGHT DUTY	
(S1b)	ASPHALT PAVEMENT - HEAVY DUTY	
S2	CONCRETE PAVEMENT	
(S3c)	CONCRETE EXTRUDED CURB	
(S3d)	CONCRETE RIBBON CURB	
S4a	CONCRETE SIDEWALK	
S4b	CONCRETE SIDEWALK WITH TURN DOWN CURB	
<u>(\$5)</u>	SIDEWALK JOINTS	
<u>S6</u>	ACCESSIBLE SYMBOL	
<u>S7</u>	ACCESSIBLE PARKING SPACE	
<u>(\$10</u>)	CONCRETE WHEELSTOP	
<u>(\$14</u>)	BOLLARD	
S15	UTILITY PAD	
S16	CONCRETE DUMPSTER PAD	
S18	DIRECTIONAL ARROWS	
<u>(\$19</u>)	BIKE RACK	
(520)	PEDESTRIAN CROSSWALK	
	SITE SIGNAGE KEYNOTES	
CODE	DESCRIPTION	
\$G1a	ACCESSIBLE PARKING SIGN	
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		1

LOT 1 ATRISCO BUSINESS PARK, UNIT 2 FILED: 8–12–2013 BOOK 2013C, PAGE 91

	EROSION CONTROL KEYNOTES	5	
CODE	DESCRIPTION	DET #/SH	
EC2	SILT FENCE	2 / C2.0	
	GRADING & DRAINAGE KEYNOT	ES	
CODE	DESCRIPTION	DET #/SH	
Gla	CURB INLET	3 / C7.	
G2a	CATCH BASIN	2 / C7.	
G3	JUNCTION MANHOLE	4 / C7.	
G4	NDS DRAIN INLET	5 / C7.:	
G5	CLEANOUT	6 / C7.	
G6b	CONCRETE HEADWALL - WINGED	7 / C7.	
G7	BUILDING DOWNSPOUT CONNECTION	9 / C7.	
G15	RIPRAP AT HEADWALL	8 / C7.	
G17)	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 15 FEET		

STRUCTURE TABLE				
CODE	DESCRIPTION	TOP GRATE		
A1	HEADWALL	N/A		
A2	JUNCTION MANHOLE	5113.37		
A3	CATCH BASIN	5112.40		
A4	CATCH BASIN	5112.50		
A5	NYLOPLAST DRAIN	5112.00		
A6	CLEANOUT	5115.79		
B1	CLEANOUT	5113.16		
B2	TEE	5112.75		
B3	TEE	5112.45		
B4	CLEANOUT	5112.43		
C1	CLEANOUT	5113.40		
D1	HEADWALL	N/A		
D2	SINGLE CURB INLET	5110.03		
DC1	DOWNSPOUT CONNECTION	5113.00		
DC2	DOWNSPOUT CONNECTION	5113.00		
DC3	DOWNSPOUT CONNECTION	5113.00		
DC4	DOWNSPOUT CONNECTION	5113.50		
DC5	DOWNSPOUT CONNECTION	5113.50		
DC6	DOWNSPOUT CONNECTION	5113.50		

PIPE TABLE							
FROM CODE	FROM INV	<u>TO</u> CODE	<u>TO</u> INV.	GRADE (%)	SIZE (INCHES)	LENGTH (L.F.)	TYPE
A2	5108.11	A1	5107.25	0.50%	15"	172	RCP
A3	5108.53	A2	5108.21	0.50%	15"	65	RCP
A4	5109.09	A3	5108.63	0.50%	15"	92	RCP
A5	5109.53	A4	5109.19	1.00%	8"	34	HDPE
A6	5109.88	A5	5109.53	1.00%	6"	35	HDPE
B1	5110.10	A2	5110.00	1.00%	6"	10	HDPE
B2	5110.38	B1	5110.10	1.00%	6"	28	HDPE
B3	5110.62	B2	5110.38	1.00%	6"	24	HDPE
B4	5110.89	B3	5110.62	1.00%	6"	27	HDPE
C1	5110.94	B1	5110.10	2.78%	6"	30	HDPE
D2	5107.93	D1	5107.25	0.50%	15"	136	RCP
DC1	5111.00	B4	5110.84	1.00%	6"	16	HDPE
DC2	5111.00	B3	5110.62	2.40%	6"	16	HDPE
DC3	5111.00	B2	5110.39	3.86%	6"	16	HDPE
DC4	5111.00	B1	5110.10	5.09%	6"	18	HDPE
DC5	5111.00	C1	5110.94	1.00%	6"	6	HDPE
DC6	5110.03	A6	5109.88	1.00%	6"	15	HDPE

PROPOSED FEATURES LEGEND

STORM PIPE & INLET	S T
SPOT ELEVATION	+ 91.8
PROPOSED CONTOUR	90-90-
DRAINAGE STRUCTURE	(C3)
SILT FENCE	SF
INLET PROTECTION	# #ST#
STRAW BALE FILTER	*>
FLOW PATH	>>

Know what's below. Call before you dig.

N

DET #/SHT #
2 / C2.01
5
DET #/SHT #
3 / C7.1
2 / C7.1
4 / C7.1
5 / C7.1
6 / C7.1
7 / C7.1
9 / C7.1
8 / C7.1

