FIDELITY INVESTMENTS

ALBUQUERQUE CORPORATE OFFICE PARKING LOT

WFXQ8600 - ISSUE 01 - ISSUE FOR BID

JUNE 25, 2021

CLIENT: Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

Jacobs

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SHEET INDEX

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21069
JULY 13, 2021
PROFESSIONAL ENGINEER

Digitally signed by
Davic G Johnson
Date: 2021.07.13
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Fidelity INVESTMENTS
CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

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C01

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GENERAL NOTES

1. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH THE GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE CITY AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE ENGINEER.
2. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE, AND DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING AND SHEETING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT CONTRACTOR'S EXPENSE, WHERE THE EXCAVATION FOR A CONDUIT TRENCH AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE STATE OF NEW MEXICO OSHA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
3. THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
4. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY, TRAFFIC CONTROL, AND ALL TRAFFIC CONTROL DEVICES SHALL BE IN CONFORMANCE WITH THE NMDOT STANDARD SPECIFICATIONS, LATEST EDITION.
5. THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR THE MAINTENANCE OF UTILITIES IN THE JOBSITE.
6. ALL QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON THE HORIZONTAL MEASUREMENTS.
7. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT THE CONTRACTOR'S SOLE EXPENSE.
8. IF ARCHAEOLOGICAL MATERIAL IS UNCOVERED DURING DEMOLITION, GRADING, TRENCHING, OR OTHER EXCAVATION, EARTHWORK WITHIN 100 FEET OF THESE MATERIALS SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
9. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE PROJECT ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
10. THE CONTRACTOR SHALL MEET AND FOLLOW ALL NPDES REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
11. WORK SHALL CONFORM WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL(DPM), NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT), AND ANY REVISIONS MADE BY THE CITY OF THE ALBUQUERQUE AVAILABLE AT THE CITY OF ALBUQUERQUE PLANNING DEPARTMENT LOCATED AT 600 2ND NW AS WELL AS THE APPLICABLE UTILITY PROVIDER STANDARDS, THE INTERNATIONAL BUILDING CODE (IBC), AND THE UNIFORM PLUMBING CODE (UPC).
12. NO WORK SHALL DEVIATE FROM THESE PLANS UNLESS PRIOR APPROVAL IS OBTAINED FROM THE PROJECT ENGINEER.
13. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING SURVEY MONUMENTS AND OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED SURVEYOR AT THE CONTRACTOR'S EXPENSE.
14. THE CONTRACTOR SHALL PROCURE FROM THE CITY OF ALBUQUERQUE AND ALL OTHER APPLICABLE AGENCIES, ALL PERMITS AND LICENSES, PAY ALL CHARGES AND FEES AND GIVE ALL NOTICES NECESSARY (2 WORKING DAYS MIN.) FOR THE INSTALLATION OF APPLICABLE IMPROVEMENTS DELINEATED HEREON.
15. UNDERGROUND UTILITIES: PRIOR TO FINAL PREPARATION OF SUBGRADE AND PLACEMENT OF BASE MATERIAL, ALL UNDERGROUND UTILITY MAINS SHALL BE INSTALLED, COMPACTION TESTED SHALL BE PASSED AND SERVICE CONNECTIONS STUBBED OUT OR INSTALLED AS SHOWN ON APPLICABLE DRAWINGS.
16. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE PROJECT ENGINEER.
17. RELOCATION OF OVERHEAD LINES SHALL BE THE RESPONSIBILITY OF THE OWNER. THE CONTRACTOR SHALL COORDINATE SCHEDULING OF ALL WORK.
18. THE TOPOGRAPHIC SURVEY INCLUDING HORIZONTAL AND VERTICAL DATUMS FOR THIS PROJECT WERE PROVIDED BY JACOBS DATED, APRIL 2021.
19. EXISTING UTILITIES SHOWN ON THE PLANS ARE PER SURFACE LOCATIONS AND AS-BUILT DRAWINGS. THE CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE REQUIRED TO VERIFY ALL EXISTING INVERT ELEVATIONS PRIOR TO MAKING CONNECTIONS TO EXISTING STRUCTURES OR CONSTRUCTING NEW MANHOLES OVER EXISTING PIPES. ANY REQUIRED CHANGES TO THE PLAN MUST BE APPROVED THROUGH THE ENGINEER.
20. TRAFFIC CONTROL DEVICES, FLAG PERSONS, ETC. SHALL BE IN PLACE PRIOR TO INITIATION OF CONSTRUCTION WORK AND SHALL BE EFFECTIVELY MAINTAINED.
21. ALL TRAFFIC CONTROL DEVICES TO CONFORM WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), (CURRENT EDITION).
22. EXCAVATOR(S) MUST COMPLY WITH NEW MEXICO EXCAVATION LAW; EXCAVATOR(S) SHALL NOTIFY ALL UTILITY COMPANIES FOR LINE LOCATIONS 72 HOURS (MIN.) PRIOR TO START OF WORK. DAMAGE TO UTILITIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
23. CONSTRUCTION NOISE AND PROJECT WORK TIMES SHALL COMPLY WITH CURRENT LOCAL AND STATE REGULATIONS.
24. ALL MANHOLES AND VALVE LIDS SHALL BE CONSTRUCTED LEVEL WITH THE FIRST LIFT OF PAVEMENT. WHEN THE SECOND LIFT OF PAVEMENT IS PLACED THE MANHOLE LIDS AND VALVE COVERS SHALL BE ADJUSTED TO FINISH GRADE. MANHOLES TO BE ADJUSTED WITH STEEL OR C.I. 1-1/2" RISER RING.
25. ALL WASTE MATERIALS INCLUDING STRIPING MUST BE DISPOSED IN A MANNER CONFORMING TO LOCAL, STATE AND FEDERAL REQUIREMENTS, STRIPING SHALL BE STOCKPILED OR DISPOSED OF ON LOTS. ANY EXCESS EXCAVATED MATERIAL DEEMED SUITABLE FOR CONSTRUCTION OF STRUCTURAL FILLS BY THE PROJECT GEOTECHNICAL ENGINEER SHALL BE COMPACTED TO PROJECT SPECIFICATIONS. STOCKPILED MATERIALS SHALL BE COVERED WITH BLACK PLASTIC OR STRAW AND SURROUNDED BY STRAW BALES TO ELIMINATE SEDIMENT AND TRANSPORT.
26. ALL BURIED UTILITY MAINS AND LATERALS (EXCEPT AT WATER METERS & VALVE BOXES) LOCATED WITHIN THE RIGHT-OF-WAY SHALL HAVE A MINIMUM 30-INCH COVER TO FINISH GRADE AND BE PLACED PRIOR TO PAVING.
27. STORM SEWER AND SANITARY SEWER PIPE LENGTHS MEASURED TO CENTER OF STRUCTURES. STATIONING OF CATCH BASINS ARE AT FACE OF CURB RELATION TO STRUCTURE AND MANHOLE STATIONING PROVIDED AT STRUCTURE CENTER.
28. ALL UTILITIES SHALL BE INSPECTED AND APPROVED BY THE APPROPRIATE AGENCIES BEFORE BACKFILLING.
29. CATCH BASIN AND MANHOLE STATIONING PROVIDED AT STRUCTURE CENTER; ROTATE ALL MANHOLE CONES OR FLATTOPS TO AVOID ACCESS LID BEING IN TIRE PATH AND GRATES TO MATCH FLOWLINE.
30. A PRE-CONSTRUCTION MEETING WILL BE REQUIRED PRIOR TO ANY CONSTRUCTION TAKING PLACE. THE PRE-CONSTRUCTION MEETING SHOULD INCLUDE AT A MINIMUM THE CONTRACTOR, CITY ENGINEER, AND CITY DEVELOPMENT INSPECTOR. IT IS RECOMMENDED THAT THE DEVELOPER/PROPERTY OWNER AND PROJECT ENGINEER/MANAGER BE PRESENT AS WELL.

EROSION/SEDIMENTATION CONTROL NOTES

1. CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTROL OF EROSION AND SEDIMENT TRANSPORT WITHIN PROJECT LIMITS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS DURING CONSTRUCTION AND UNTIL THE SITE IS PERMANENTLY STABILIZED AND APPROVED BY THE LOCAL JURISDICTION. IF THE EROSION CONTROL SYSTEM DOES NOT ADEQUATELY CONTAIN SEDIMENT ON SITE, THEN EROSION CONTROL MEASURES MUST BE ADDED OR FIELD ADJUSTED BY THE CONTRACTOR AS NECESSARY FOR EXPECTED CONSTRUCTION METHODS, STAGING, SITE CONDITIONS, WEATHER, AND SCHEDULING TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT LEAVE THE SITE. THE DEVELOPER SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL (ESCP) FACILITY MAINTENANCE AFTER THE PROJECT IS APPROVED BY THE LOCAL JURISDICTION UNTIL THE LOTS ARE SOLD.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROTECTION OF ALL ADJACENT PROPERTIES AND DOWNSTREAM FACILITIES FROM EROSION AND SILTATION DURING THE COURSE OF THE WORK. ANY DAMAGE RESULTING FROM SUCH EROSION AND SILTATION SHALL BE CORRECTED AT THE SOLE EXPENSE OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF ANY AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM FAILURE TO DO SO.
4. THE ESCP FACILITIES SHOWN ON THIS PLAN MUST BE CONSTRUCTED IN CONJUNCTION WITH ALL CLEARING AND GRADING ACTIVITIES, AND IN SUCH A MANNER AS TO ENSURE THAT SEDIMENT-LADEN WATER DOES NOT ENTER THE DRAINAGE SYSTEM OR VIOLATE APPLICABLE WATER STANDARDS.
5. THE ESCP FACILITIES SHALL BE INSPECTED DAILY BY THE CONTRACTOR AND MAINTAINED AS NECESSARY TO ENSURE THEIR CONTINUED FUNCTIONING. THE ESCP FACILITIES ON INACTIVE PORTIONS OF THE SITE(S) SHALL BE INSPECTED AND MAINTAINED A MINIMUM OF ONCE A MONTH, OR WITHIN 48 HOURS FOLLOWING A STORM EVENT.
6. CONSTRUCTION TIMING AND PHASING SHALL MINIMIZE THE POTENTIAL FOR EROSION.
7. BOUNDARIES OF THE CLEARING LIMITS SHOWN ON THE GRADING PLAN SHALL BE CLEARLY MARKED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION. DURING CONSTRUCTION, NO DISTURBANCE BEYOND THE CLEARING LIMITS SHALL BE PERMITTED. THE MARKINGS SHALL BE MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF CONSTRUCTION.
8. TREE PROTECTION INCLUDES THE TREE AND ALL PLANTS WITHIN ITS DRIP LINE EXCEPT FOR PLANTS LISTED AS NON-NATIVE, INVASIVE PLANTS.
9. INSTALL SILT FENCES AT THE TOE OF ALL FILL SLOPES BEFORE CONSTRUCTION STARTS. REMOVE ALL SILT WHEN IT BECOMES GREATER THAN 12" AT THE SILT FENCE. REMOVE ALL SILT AND SILT FENCES AFTER COMPLETION OF THE PROJECT AND AFTER VEGETATION HAS BEEN PERMANENTLY ESTABLISHED.
10. STABILIZED GRAVEL CONSTRUCTION ENTRANCE(S) WHICH WILL BE THE SOLE MEANS OF INGRESS AND EGRESS FROM THE SITE SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES MAY BE REQUIRED TO ENSURE THAT ALL THE PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL INSPECT AND WASH AS NEEDED THE ROADS WITHIN THE PROJECT AREA TO ENSURE THAT NO SEDIMENTS ARE CARRIED OFF THE PROJECT SITE.
11. PRIOR TO ANY SITE EXCAVATION, ALL EXISTING AND NEWLY CONSTRUCTED STORM DRAINAGE INLETS, BASINS AND AREA DRAINS SHALL BE PROTECTED AS SHOWN IN THE DETAILS TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAINAGE SYSTEM PRIOR TO PERMANENT STABILIZATION OF ALL DISTURBED AREAS. CLEAN THE FILTER AS NECESSARY TO MAINTAIN DRAINAGE. PROVIDE APPROVED TRAFFIC CONTROL DEVICES AS NECESSARY. REMOVE FILTER AND CLEAN CATCH BASINS FOLLOWING COMPLETION OF ALL SITEWORK.
12. ALL STOCKPILES AND STAGING AREAS SHALL BE STABILIZED SUCH THAT NO MATERIAL ERODES INTO THE ADJOINING STREET OR PROPERTY.
13. SLOPE STABILIZATION MEASURES (FOR ALL SLOPES H:1V AND STEEPER) SHALL BE INITIATED WITHIN 7 CALENDAR DAYS AFTER EARTH MOVING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED IN THAT PORTION OF THE SITE.
14. IN AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST. ONE OR MORE OF THE FOLLOWING PREVENTATIVE MEASURES SHALL BE TAKEN FOR DUST CONTROL:
    - i. MINIMIZE THE PERIOD OF SOIL EXPOSURE THROUGH THE USE OF TEMPORARY GROUND COVER AND OTHER TEMPORARY STABILIZATION PRACTICES.
    - ii. SPRINKLE THE SITE WITH WATER UNTIL THE SURFACE IS WET, REPEAT AS NEEDED.
    - iii. SPRAY EXPOSED SOILS WITH AN APPROVED DUST PALLIATIVE. NOTE: USED OIL IS PROHIBITED AS A PALLIATIVE.
15. THE CONTRACTOR SHALL SEED AND MULCH ALL CUT AND FILL SLOPES, AND ALL DISTURBED GROUND AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEEDED AREAS UNTIL VEGETATION UPON THEM IS ESTABLISHED. ANY ADDITIONAL SEEDING NECESSARY TO VEGETATE SHALL BE DONE BY THE CONTRACTOR. IF THE AREA ISN'T OR CANNOT BE ADEQUATELY SEEDED THEN THE AREA SHALL BE COVERED BY A PROTECTIVE MATERIAL SUCH AS STRAW OR MULCH TO PREVENT EROSION.
16. CONTRACTOR SHALL HYDROSEED ALL DISTURBED SOIL PRIOR TO LOCAL JURISDICTION'S FINAL CONSTRUCTION APPROVAL.
17. PAVEMENT SURFACES AND VEGETATION ARE TO BE PLACED AS RAPIDLY AS POSSIBLE.
18. CONTRACTOR SHALL REMOVE ESCP MEASURES WHEN VEGETATION IS FULLY ESTABLISHED.
19. CATCH BASIN INLETS WITHIN THE PROJECT AREA SHALL HAVE FILTER FABRIC OR OTHER CITY APPROVED INLET PROTECTION INSTALLED AND MAINTAINED FOR THE DURATION OF THE PROJECT TO PREVENT ANY ACCUMULATION OF SEDIMENTS FROM ENTERING THE STORM WATER SYSTEM. ANY ACCUMULATION OF SEDIMENT WITHIN THE STORM WATER SYSTEM AS A RESULT OF THE PROJECT MAY REQUIRE THE CONTRACTOR TO CLEAN THE EFFECTED STORM WATER STRUCTURE. CLEANING OF THE STORM WATER STRUCTURES SHALL BE DONE IN A MANNER AS TO NOT FLUSH THE SEDIMENTS INTO A DOWNSTREAM SYSTEM.
20. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO LENGTH OF THE BARRIER TO AVOID USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM SIX INCH)6") OVERLAP, AND BOTH ENDS SECURELY FASTENED TO THE POST.
21. THE FILTER FABRIC FENCE SHALL BE INSTALLED TO FOLLOW THE CONTOURS, WHERE FEASIBLE, THE FENCE POSTS SHALL BE SPACED A MAXIMUM OF SIX FEET (6') APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 30 INCHES.
22. A TRENCH SHALL BE EXCAVATED, ROUGHLY 8 INCHES WIDE BY 12 INCHES DEEP (8"X12"), UPSLOPE AND ADJACENT TO THE WOOD POST TO ALLOW THE FILTER FABRIC TO BE BURIED.
23. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY-DUTY WIRE STAPLES AT LEAST ONE INCH (1") LONG, TIE WIRE OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF FOUR INCHES (4") AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
24. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 20 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO EXISTING TREES.
25. SEDIMENT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS PERMANENTLY STABILIZED.
26. SEDIMENT FENCES SHALL BE INSPECTED BY THE CONTRACTOR IMMEDIATELY AFTER EACH RAINFALL. AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
27. STRAW BALES SHALL NOT BE USED IN NEWLY CONSTRUCTED OR EXISTING DITCHES, SWALES, STREAMS, CREEKS NOR FOR CATCH BASIN PROTECTION.
28. AT NO TIME SHALL MORE THAN 12" OF SEDIMENT BE ALLOWED TO ACCUMULATE WITH IN A TRAPPED CATCH BASIN. ALL CATCH BASINS AND CONVEYANCE LINES SHALL BE CLEANED PRIOR TO PAVING. THE CLEANING OPERATION SHALL NOT FLUSH SEDIMENT-LADEN WATER INTO THE DOWNSTREAM SYSTEM.
29. CONTRACTOR TO ENSURE SILT FENCES SURROUND ALL BIOSWALES.

GRADING AND COMPACTION

1. ON-SITE GRANULAR OR APPROVED IMPORTED FILL SOILS SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 OR EQUIVALENT STANDARD (AASHTO T-180).
2. THE ASPHALT MATERIALS SHOULD BE PLACED IN MINIMUM AND MAXIMUM LIFTS OF 2-1/2 AND 3-1/2 INCHES, RESPECTIVELY, AND SHOULD BE COMPACTED TO A MINIMUM OF 92% AND A MAXIMUM OF 97% OF MAXIMUM THEORETICAL DENSITY (ASTM D2041). BENEATH ASPHALT PAVEMENTS, THE AGGREGATE BASE AND MISCELLANEOUS BACKFILL SHALL BE COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 OR EQUIVALENT STANDARD (AASHTO T-180).

ACCESS

1. CONTRACTOR TO MAINTAIN ACCESS TO ALL EXISTING BUSINESSES AND RESIDENTIAL PROPERTIES AT ALL TIMES.
2. CONTRACTOR SHALL SUBMIT A PHASING AND TRAFFIC CONTROL PLAN TO ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION IF APPLICABLE.

PAVING

1. COORDINATE ALL PAVEMENT DETAILS TO GEOTECHNICAL ENGINEER AND SITE SPECIFIC INVESTIGATION REPORT PREPARED BY TERRACON, TERRACON PROJECT NUMBER 66205168, DATED FEBRUARY 24, 2021.
2. PER GEOTECHNICAL REPORT, CONTRACT TO USE SP-IV PAVEMENT MIX PER NMDOT AND CITY OF ALBUQUERQUE STANDARDS.

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GENERAL NOTES

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ABBREVIATIONS

&	AND
@	AT
#	NUMBER
Ø	DIAMETER

A

A/E	ARCHITECT/ENGINEER
ABAN	ABANDON
ADA	AMERICANS WITH DISABILITIES ACT
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT
ASPH	ASPHALT
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWWA	AMERICAN WATER WORKS ASSOCIATION

B

BEG	BEGIN
BC	BACK OF CURB
BFP	BACK FLOW PREVENTER
BLDG	BUILDING
BH	BUILDING HEIGHT
BM	BENCHMARK
BRG	BEARING
BW	BOTTOM OF WALL

C

C-C,C/C,	CENTER TO CENTER
CD	CONSTRUCTION DOCUMENTS
C&G	CURB AND GUTTER
CI	CURB INLET
CL	CENTERLINE
CNR	CORNER
CO	CLEANOUT

D

DCDA	DOUBLE CHECK DETECTOR ASSEMBLY
DEMO	DEMOLITION
DIST	DISTANCE
DW	DOMESTIC WATER

G

G	GAS
GAL	GALLON
GALV	GALVANIZED
GDR	GUARDRAIL
GND	GROUND
GR	GRADE
GV	GATE VALVE

H

HB	HOSE BIBB
HC	HANDICAP
HDPE	HIGH DENSITY POLYETHYLENE PIPE
HDWL	HEADWALL
HMAC	HOT MIX ASPHALT CONCRETE
HORIZ	HORIZONTAL
HOV	HIGH OCCUPANCY VEHICLE
HP	HIGH POINT
HR	HANDICAPPED RAMP
HSF	HIGH FLOW SILT FENCE

I

ID	INTERNAL
INL	DIAMETER
INV	INLET INVERT

J

JT	JOINT

K

K	THOUSAND

L

L	LENGTH
LAT	LATERAL
LEV	LOW EMISSIONS VEHICLE
LF	LINEAR FEET
LP	LOW POINT
LS	LIME-STABILIZED, LUMP SUM
LT	LEFT

P

P	PAGE
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PE	POLYETHYLENE
PERIM	PERIMETER
PERP	PERPENDICULAR
PI	POINT OF INTERSECTION
PIV	POST INDICATOR VALVE
PL	PROPERTY LINE
PP	POWER POLE
PR	PIPE RAIL
PRCST	PRECAST
PROJ	PROJECT
PROP	PROPOSED
PSI	POUNDS PER SQ. IN.
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE, POLYVINYL CHLORIDE PIPE
PVI	POINT OF VERTICAL INTERSECTION
PVMT	PAVEMENT
PVT	POINT OF VERTICAL TANGENCY

R

R/RAD	RADIUS
RC	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
RED, RDC	REDUCER
REBAR	REINFORCING STEEL BARS
RE	REFERENCE
REINF	REINFORCE
REM	REMOVABLE
REP	REPAIR
REPL	REPLACE
REQD	REQUIRED
RET	RETAINING
ROW	RIGHT OF WAY
RP	RADIUS POINT
RPDA	REDUCED PRESSURE DETECTION ASSEMBLY
RW	RETAINING WALL

T

T	TANGENT
T/G	TOP OF GRATE
T/PIPE	TOP OF PIPE
TBM	TEMPORARY BENCHMARK
TC	TOP OF CURB
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICKNESS
TOC	TABLE OF CONTENT
TW	TOP OF WALL
TP	TOP OF PAVEMENT
TYP	TYPICAL

U

UC	UNDERGROUND CONDUIT
UG	UNDERGROUND
UGC	UNDERGROUND CABLE
UGE	UNDERGROUND ELECTRIC
UGT	UNDERGROUND TELEPHONE
UON	UNLESS OTHERWISE NOTED

V

VAR	VARIES
VC	VERTICAL CURVE
VERT	VERTICAL
VIF	VERIFY IN FIELD
VOL	VOLUME
VRFY	VERIFY

W

W	WATER
W	WEST (FOR COORDINATES)
W/	WITH
W/O	WITHOUT
WL	WATER LINE
WT	WEIGHT
WV	WATER VALVE
WWF	WELDED WIRE FABRIC

X

XFMR	TRANSFORMER

CIVIL SYMBOLS / LEGEND

PROPERTY LINE

EXISTING MANHOLE

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EXISTING WATER LINE

EXISTING GAS LINE

EXISTING ELECTRICAL LINE

EXISTING COMMUNICATION LINE

EXISTING MAJOR CONTOUR LINE

EXISTING MINOR CONTOUR LINE

PROPOSED SPOT ELEVATION

GRADE BREAK

SWALE CENTER LINE

POST-CONSTRUCTION FLOW DIRECTION

SILT FENCE

SEDIMENT BARRIER (TYPE 2 & 4)

SEDIMENT BARRIER (TYPE 3)

INLET PROTECTION (TYPE 4)

TIRE WASH FACILITY

CONSTRUCTION ENTRANCE

BUILDING

EXISTING CONCRETE SIDEWALK PAVEMENT

ASPHALT PAVEMENT - LIGHT DUTY. RE:1/C17

ASPHALT PAVEMENT - MEDIUM DUTY. RE:2/C17

ASPHALT PAVEMENT - HEAVY DUTY. RE:3/C17

ALUMINUM CAP
1" COPPER PLUG
BRASS CAP
FIRE HYDRANT
WATER VALVE
TEST HOLE
SANITARY MANHOLE
SANITARY CLEANOUT
STORM MANHOLE
STORM GRATE
ELECTRIC INLET
ELECTRIC PEDESTAL
ELECTRIC BOX
ELECTRIC SWITCH
LIGHT POLE
FIBER OPTIC VAULT
HANDICAP PARKING PAINT
PARKING BUMPER

REFERENCING SYSTEM

1 — REVISION

23 — KEYNOTE

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ABBREVIATIONS AND SYMBOLS SHEET

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C03

SHT: 3 OF: 18 TOTAL: 18

FILE INFO:U:\BLDG\WFXQ8600 - Fidelity - ABQ Parking Lot\Design\Sheets\Civil\CS100.dwg XREFS:V-SP01; C-SP01 MODIFIED: Jun 24, 2021 2:48pm PLOTTED: Jun 24, 2021 3:06pm BY:CHOWK PLOT SCALE: 1=1

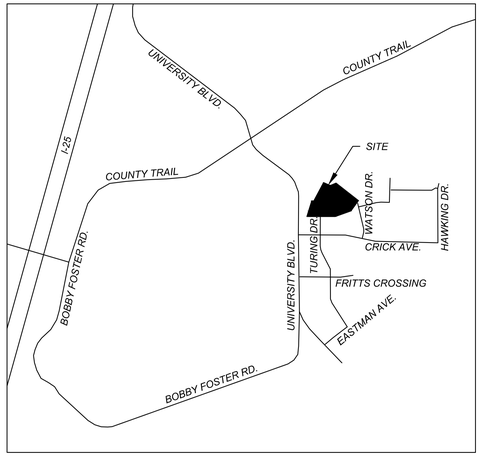
TOPOGRAPHIC SURVEY
FIDELITY PAVEMENT PROJECT

SURVEY NOTES:

1. THIS TOPOGRAPHIC SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY JACOBS TO DETERMINE OWNERSHIP, RIGHTS OF WAY OR EASEMENTS OF RECORD, NO CURRENT TITLE POLICY, COMMITMENT OR REPORT WAS PROVIDED TO AID IN THE PREPARATION OF THIS SURVEY. THIS DOCUMENT DOES NOT REPRESENT A BOUNDARY SURVEY.
2. THIS MAP HAS BEEN PRODUCED ACCORDING TO PROCEDURES THAT HAVE BEEN DEMONSTRATED TO PRODUCE DATA THAT MEETS OR EXCEEDS THE MINIMUM STANDARDS FOR A TOPOGRAPHIC MAP COMPILED AT A SCALE OF ONE INCH EQUALS 60 FEET WITH A ONE FOOT CONTOUR INTERVAL.
3. COORDINATE DATUM: PROJECT COORDINATES ARE MODIFIED NEW MEXICO STATE PLANE CENTRAL ZONE (3002) NAD83(2011) COORDINATES. THE COMBINED ELEVATION/SCALE FACTOR USED TO MODIFY THE COORDINATES FROM STATE PLANE TO PROJECT COORDINATES IS 1.0003363728.
4. MODIFIED STATE PLANE SCALE FACTOR WAS DERIVED FROM THE RECIPROCAL OF THE COMBINED FACTOR FOR NGS HORIZONTAL CONTROL MONUMENT LOUDON (PID: EQ0887), AS MONUMENTED BY A BRONZE STATION DISK SET IN TOP OF CONCRETE MONUMENT STAMPED "LOUDON 1946", WITH A NAVD(88) PROJECT ELEVATION OF 5316.26'. STATION IS LOCATED, AIRLINE, ABOUT 4 MILES SOUTH OF THE ALBUQUERQUE MUNICIPAL AIRPORT, 4 MILES EAST OF U.S. HIGHWAY 85, 3/4 MILES NORTH-NORTHWEST OF A RADIO RANGE STATION, ON FLAT SANDY PASTURE LAND ABOUT 30 FEET EAST OF THE EDGE WHERE IT BREAKS OFF INTO THE RIO GRANDE VALLEY.
5. HORIZONTAL POSITIONS ARE TIED TO NGS CONTROL POINT LOUDON: LATITUDE 34-59-53.65713 N, LONGITUDE 106-37-40.21246 W. HORIZONTAL POSITIONS WERE ESTABLISHED WITH REDUNDANT GPS OBSERVATIONS OF POINTS 700-712.
6. BASIS OF BEARINGS: BEARING USED IN THE CALCULATION OF COORDINATES ARE BASED ON A GRID BEARING OF N10°19'06"E FROM POINT 7001 (CITY OF ALBUQUERQUE 2-R15), AS MONUMENTED BY A 3.25" BRASS CAP STAMPED 2_R15 2006, TO 7002 (CITY OF ALBUQUERQUE 4_Q15), AS MONUMENTED BY A 3.25" BRASS CAP STAMPED 4_Q15 2006.
7. BASIS OF ELEVATIONS: PROJECT ELEVATIONS ARE BASED ON NGS BENCHMARK S 224, AS MONUMENTED BY A 3 INCH BRASS CAP, WITH A PUBLISHED ELEVATION OF 4843.26. MONUMENT IS LOCATED 6.3 MILES FROM ALBUQUERQUE. 6.3 MILES SOUTH ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILROAD FROM THE STATION AT ALBUQUERQUE, AT A ROAD CROSSING, 227 FEET SOUTHEAST OF THE SOUTHEAST CORNER OF TRESTLE 908 A, 89 FEET SOUTH OF THE CENTER LINE OF A ROAD, 36 FEET WEST OF THE CENTER LINE OF A DIRT ROAD, 48.4 FEET EAST OF THE EAST RAIL, 10.8 FEET EAST OF A TELEPHONE POLE, 2 FEET WEST OF A FENCE, 1.2 FEET NORTH OF A WITNESS POST, SET IN TOP OF CONCRETE POST WHICH PROJECTS 0.3 FOOT ABOVE THE GROUND. ELEVATIONS WERE ESTABLISHED WITH DIFFERENTIAL LEVELS.
8. CONTROL MONUMENTS WERE SET AND OBSERVED ON APRIL 13, 2021, AND ADJUSTED ON APRIL 14, 2021.
9. LINEAR AND ELEVATION UNITS FOR THIS SURVEY ARE U.S. SURVEY FEET.

UTILITY NOTES:

1. EXISTING UTILITY INFORMATION COLLECTED IN ACCORDANCE WITH ASCE 38-02 GUIDELINES.
2. UNDERGROUND UTILITIES WERE TRACED USING INDUCTIVE OR CONDUCTIVE METHODS. GROUND PENETRATING RADAR (GPR) OR OTHER GEOPHYSICAL INVESTIGATION TECHNIQUES WERE NOT UTILIZED TO SEARCH FOR NONCONDUCTIVE UTILITIES OR UTILITIES NOT IDENTIFIED BY SURFACE OR MAP EVIDENCE. MANHOLES WERE OPENED AND MEASURED USING A DIP ROD.
3. POTHOLING TO CONFIRM EXACT SIZE AND LOCATION OF EXISTING FACILITIES IS RECOMMENDED WHERE DESIGN AND CONSTRUCTION IS ANTICIPATED WITHIN 3' OF THE UTILITIES SHOWN.
4. ABANDONED FACILITIES WERE NOT DESIGNATED AS PART OF THE SCOPE OF WORK UNLESS OTHERWISE SHOWN. DESIGN ENGINEER AND CONTRACTOR SHOULD REVIEW SUPPLEMENTAL UTILITY OWNER RECORDS TO FAMILIARIZE THEMSELVES WITH THE POTENTIAL FOR EXISTING ABANDONED FACILITIES.
5. SUBSURFACE UTILITIES SHOWN MEET ASCE 38-02 QUALITY LEVELS AND ARE DEFINED BY THEIR LINESTYLE.
6. STORM AND SANITARY LINES SHOWN MEET ASCE 38-02 QUALITY LEVEL C.
7. UTILITY MAPPING FIELD SERVICES WERE COMPLETED BETWEEN APRIL 13, 2021 AND APRIL 19, 2021, UTILITIES MAY HAVE BEEN ADJUSTED OR ADDED AFTER THIS DATE.
8. UTILITY RELOCATIONS WERE NOT PART OF THIS INVESTIGATION.
9. NO POTHOLES WERE PERFORMED AS PART OF THIS INVESTIGATION.
10. NM811 LOCATE REQUEST WAS FILED ON APRIL 2, 2021, REFERENCED BY TICKET NUMBER 21AP020014. SERVICE PROVIDER LOCATES WERE PERFORMED ON APRIL 7. 2021.
11. UNKNOWN UTILITY APPURTENANCE WAS UNABLE TO OPEN VAULT DUE TO BOLTS RUSTED SHUT.
12. ALL UNDERGROUND WATER LINES SHOWN HEREON ARE QUALITY LEVEL "D" DUE TO NON-CONDUCIVE PIPE MATERIAL (PVC) THAT WAS INSTALLED WITHOUT TRACER WIRE.



VICINITY MAP
SCALE: 1" = 2000'

PLAN TRUE

0 60 120 180
SCALE: 1" = 60'

LEGEND

- ALUMINUM CAP
- 1" COPPER PLUG
- BRASS CAP
- FIRE HYDRANT
- WATER VALVE
- TEST HOLE
- SANITARY MANHOLE
- SANITARY CLEANOUT
- STORM MANHOLE
- STORM GRATE
- ELECTRIC INLET
- ELECTRIC PEDESTAL
- ELECTRIC BOX
- ELECTRIC SWITCH
- LIGHT POLE
- FIBER OPTIC VAULT
- HANDICAP PARKING PAINT
- PARKING BUMPER
- UFOB — FIBER OPTIC LINE QUALITY LEVEL "B"
- USSC — SANITARY LINE QUALITY LEVEL "C"
- USSC — SANITARY LINE QUALITY LEVEL "D"
- USDC — STORM LINE QUALITY LEVEL "C"
- USDD — STORM LINE QUALITY LEVEL "D"
- UEB — ELECTRIC LINE QUALITY LEVEL "B"
- CURB FLOW LINE
- PAVEMENT EDGE OF CONCRETE
- TOP OF CURB
- UGB — GAS LINE QUALITY LEVEL "B"
- UGD — GAS LINE QUALITY LEVEL "D"
- UWD — WATER LINE QUALITY LEVEL "D"
- MAJOR CONTOUR
- MINOR CONTOUR

PROJECT CONTROL POINTS								
Point No.	Latitude (N)	Longitude (W)	Ellipsoid Height	Grid Scale Factor	Project Northing	Project Easting	Ground Elevation	Description
700	35°00'07.4754"	106°37'15.9507"	5229.90	0.999914136	1456745.087	1529800.582	5299.80	2" ALUMINUM CAP "JACOBS 700"
701	35°00'10.1298"	106°37'13.0419"	5235.14	0.999914074	1457012.623	1530043.62	5305.03	1" COPPER PLUG "JACOBS 701"
702	35°00'07.9876"	106°37'12.0114"	5231.47	0.999914053	1456795.663	1530128.569	5301.35	1" COPPER PLUG "JACOBS 702"
703	35°00'12.2132"	106°37'10.4800"	5235.03	0.99991402	1457222.532	1530257.585	5304.90	1" COPPER PLUG "JACOBS 703"
704	35°00'12.4138"	106°37'08.8877"	5234.52	0.999913987	1457242.326	1530390.16	5304.39	1" COPPER PLUG "JACOBS 704"
705	35°00'15.0079"	106°37'07.2138"	5235.15	0.999913951	1457504.147	1530530.411	5305.01	1" COPPER PLUG "JACOBS 705"
706	35°00'11.8939"	106°37'04.0426"	5231.12	0.999913885	1457188.262	1530793.134	5300.96	1" COPPER PLUG "JACOBS 706"
707	35°00'11.4808"	106°37'00.8836"	5229.79	0.999913819	1457145.516	1531055.848	5299.62	2" ALUMINUM CAP "JACOBS 707"
708	35°00'09.5675"	106°37'03.0498"	5229.20	0.999913864	1456952.685	1530874.88	5299.04	1" COPPER PLUG "JACOBS 708"
709	35°00'10.5041"	106°37'05.8723"	5231.56	0.999913923	1457048.269	1530640.363	5301.42	2" ALUMINUM CAP "JACOBS 709"
710	35°00'08.5674"	106°37'05.5986"	5230.38	0.999913918	1456852.329	1530662.412	5300.24	1" COPPER PLUG "JACOBS 710"
711	35°00'07.8078"	106°37'08.4563"	5229.96	0.999913978	1456776.387	1530424.336	5299.83	1" COPPER PLUG "JACOBS 711"
712	35°00'08.6354	106°37'11.1968"	5231.66	0.999914036	1456860.924	1530196.602	5301.54	2" ALUMINUM CAP "JACOBS 712"
EXISTING MONUMENTATION								
7000	34°59'28.0152"	106°39'52.7309"	4872.77	0.999917654	1452805.806	1516737.856		3.50" BRASS CAP ILLEGIBLE
7001	34°59'56.8465"	106°37'18.9192"	5235.37	0.9999142	1455671.108	1529549.558		3.25" BRASS CAP "2-R15"
7002	35°00'12.9763"	106°37'15.4255"	5239.98	0.999914125	1457301.225	1529846.344		3.25" BRASS CAP "4-Q15"

SURVEYOR'S CERTIFICATION:
I, ROBERT BOEHM, NEW MEXICO PROFESSIONAL SURVEYOR NO. 20063, DO HEREBY CERTIFY THAT THIS CONTROL SURVEY REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION BASED ON AN ACTUAL SURVEY ON THE GROUND AS DESCRIBED HEREIN; THAT I AM RESPONSIBLE FOR THIS SURVEY; AND THAT THE SURVEY AND REPORT MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO. THIS SURVEY WAS PERFORMED BETWEEN APRIL 13 AND APRIL 19, 2021.

ROBERT BOEHM, NEW MEXICO PS 20063
FOR AND ON BEHALF OF JACOBS ENGINEERING GROUP INC.
9191 JAMAICA STREET
ENGLEWOOD, CO 80112
Robert.Boehm@Jacobs.com

PLAN TRUE

KEY PLAN

JACOBS
Jacobs Engineering Group Inc.
Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

STATE OF NEW MEXICO — DAVID G JOHNSON — 21069 — JULY 13, 2021 — PROFESSIONAL ENGINEER

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

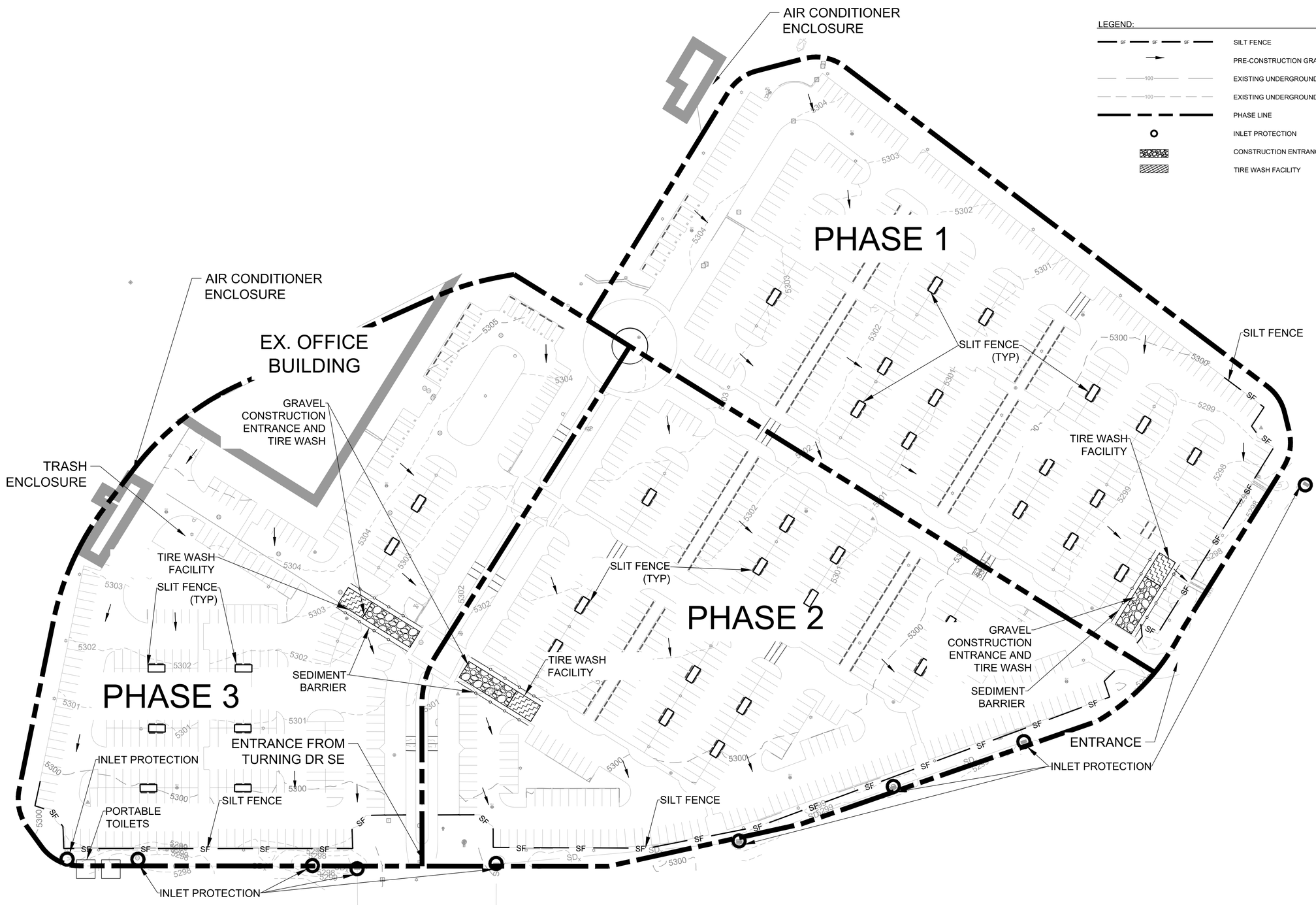
ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:

SHEET NUMBER:

SHT: 4 OF: 18 TOTAL: 18



NOTES:

1. STOCKPILED SOIL OR STRIPPING SHALL BE PLACED IN A STABLE LOCATION AND CONFIGURATION. DURING "WET WEATHER" PERIODS, STOCKPILES SHALL BE COVERED WITH PLASTIC SHEETING OR STRAW/ MULCH. SEDIMENT FENCE IS REQUIRED AROUND THE PERIMETER OF THE STOCKPILE.
2. EXPOSED CUT OR FILL AREAS SHALL BE STABILIZED THROUGH THE USE OF TEMPORARY SEEDING AND MULCHING, EROSION CONTROL BLANKETS OR MATS, MID-SLOPE SEDIMENT FENCES OR WATTLES, OR OTHER APPROPRIATE MEASURES. SLOPES EXCEEDING 25% MAY REQUIRE ADDITIONAL EROSION CONTROL MEASURES.
3. AREAS SUBJECT TO WIND EROSION SHALL USE APPROPRIATE DUST CONTROL MEASURES INCLUDING THE APPLICATION OF A FINE SPRAY OF WATER, TACKIFIER, OR OTHER APPROVED MEASURES.
4. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO TIRE WASHES, STREET SWEEPING. AND VACUUMING MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.
5. ACTIVE INLETS TO STORMWATER SYSTEMS SHALL BE PROTECTED THROUGH THE USE OF APPROVED INLET PROTECTION MEASURES. ALL INLET PROTECTION MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED AS NEEDED.
6. SATURATED MATERIALS THAT ARE HAULED OFF-SITE MUST BE TRANSPORTED IN WATER-TIGHT TRUCKS TO ELIMINATE SPILLAGE OF SEDIMENT AND SEDIMENT-LADEN WATER.
7. AN AREA SHALL BE PROVIDED FOR THE WASHING OUT OF CONCRETE TRUCKS IN A LOCATION THAT DOES NOT PROVIDE RUN-OFF THAT CAN ENTER THE STORMWATER SYSTEM. IF THE CONCRETE WASH-OUT AREA CAN NOT BE CONSTRUCTED GREATER THAN 50' FROM ANY DISCHARGE POINT, SECONDARY MEASURES SUCH AS BERMS OR TEMPORARY SETTLING PITS MAY BE REQUIRED. THE WASH-OUT SHALL BE LOCATED WITHIN SIX FEET OF TRUCK ACCESS AND BE CLEANED WHEN IT REACHES 50% OF THE CAPACITY.
8. SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE SHALL NOT BE TRANSFERRED TO THE STORMWATER SYSTEM. SWEEPINGS SHALL BE PICKED UP AND DISPOSED OF IN THE TRASH.
9. AVOID PAVING IN WET WEATHER WHEN PAVING CHEMICALS CAN RUN-OFF INTO THE STORMWATER SYSTEM.
10. USE BMPS SUCH AS CHECK-DAMS, BERMS, AND INLET PROTECTION TO PREVENT RUN-OFF FROM REACHING DISCHARGE POINTS.
11. COVER CATCH BASINS, MANHOLES, AND OTHER DISCHARGE POINTS WHEN APPLYING SEAL COAT, TACK COAT, ETC. TO PREVENT INTRODUCING THESE MATERIALS TO THE STORMWATER SYSTEM.
12. ALL BASE ESC. MEASURES (INLET PROTECTION, PERIMETER SEDIMENT CONTROL, GRAVEL CONSTRUCTION ENTRANCES, ETC.) MUST BE IN PLACE, FUNCTIONAL, AND APPROVED IN AN INITIAL INSPECTION, PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
13. ALL "SEDIMENT BARRIERS (TO BE INSTALLED AFTER GRADING)" SHALL BE INSTALLED IMMEDIATELY FOLLOWING ESTABLISHMENT OF FINISHED GRADE AS SHOWN ON THESE PLANS.
14. INLET PROTECTION SHALL BE IN-PLACE IMMEDIATELY FOLLOWING PAVING.
15. EXISTING CONTOURS SHOWN ON THE PLAN MAY NOT REPRESENT THE CURRENT CONDITION OF THE SITE AFTER THE BLASTING ACTIVITY. CONTRACTOR SHALL VERIFY THE EXISTING CONDITION.
16. CONTRACTOR TO ENSURE SILT FENCES SURROUND ALL BIOSWALES.

PLAN TRUE

KEY PLAN

0 25 50 100

JACOBS
Jacobs Engineering Group Inc.
Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

DAVID G JOHNSON NEW MEXICO 21069 JULY 13, 2021 PROFESSIONAL ENGINEER

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
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DATE ISSUED:
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ISSUES:
ISSUE 01 - ISSUE FOR BID

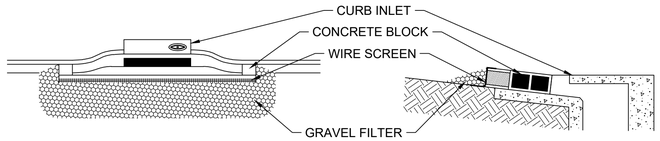
REVISIONS:

SHEET CONTENTS:
EROSION CONTROL PLAN

SHEET NUMBER:
C04

SHT: 5 OF: 18 TOTAL: 18

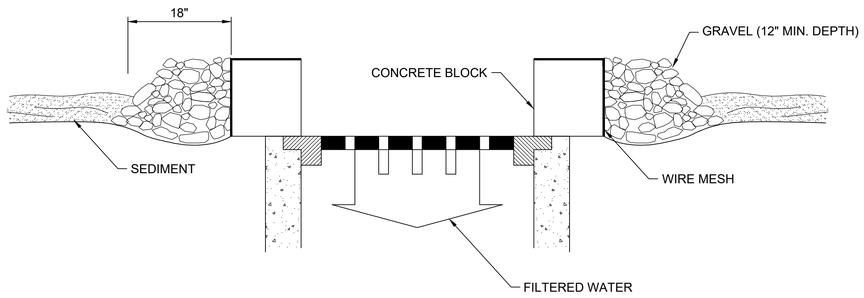
FILE INFO:U:\BLDG\WFXQ8600 - Fidelity - ABQ Parking Lot\Design\Sheets\Civil\GC100.dwg XREFS:V-SP01; JEG_36x24 TB; C-SP01 MODIFIED: Jun 24, 2021 2:56pm PLOTTED: Jun 24, 2021 3:07pm BY:CHOWK PLOT SCALE: 1=1



PLAN VIEW
N.T.S.

SECTION VIEW
N.T.S.

1 CURB INLET PROTECTION
C05 — NOT TO SCALE

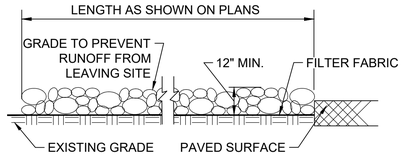


CROSS SECTION
N.T.S.

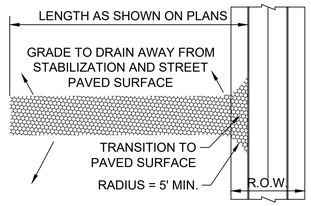
INLET PROTECTION NOTES:

1. PLACE CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES, WITH ENDS OF ADJACENT BLOCKS ABUTTING.
2. HEIGHT OF BARRIER VARIES. USE STACKS OF 4-INCH, 8-INCH, OR 12-INCH BLOCKS. MIN. HEIGHT OF BARRIER IS 12" AND MAX HEIGHT OF 24".
3. PLACE HARDWARE CLOTH/WIRE MESH WITH MAX. 1/2" OPENINGS OVER VERTICAL FACE OF CONCRETE BLOCKS.
4. THE SEDIMENT FILTER SHALL BE ANY NON-ERODIBLE MATERIAL SUCH AS LOOSE ROCK, BROKEN CONCRETE THAT WILL SLOW THE FLOW OF WATER AND ALLOW IT TO FILTER THROUGH AND OVER THE MATERIAL BEFORE ENTERING THE INLET.

2 INLET PROTECTION
C05 — NOT TO SCALE



PROFILE VIEW
N.T.S.

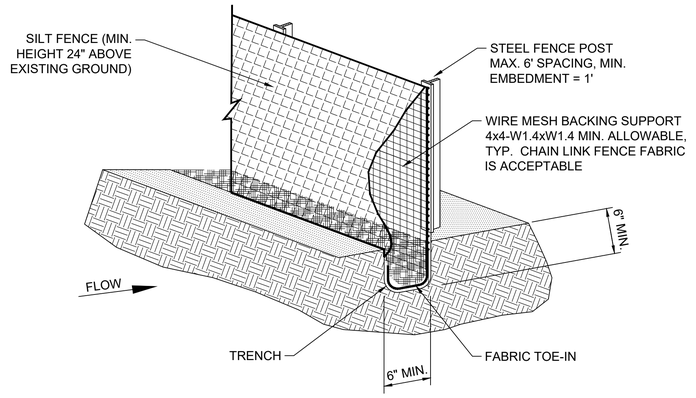


PLAN VIEW
N.T.S.

NOTES:

1. STONE SHALL BE 3 TO 5 INCH DIAMETER CRUSHED ROCK.
2. LENGTH SHALL BE SHOWN ON PLANS, WITH A MINIMUM LENGTH OF 30 FEET FOR LOTS WHICH ARE LESS THAN 150 FEET FROM EDGE OF PAVEMENT. THE MINIMUM DEPTH IN ALL OTHER CASES SHALL BE 50 FEET.
3. THE THICKNESS SHALL NOT BE LESS THAN 12 INCHES.
4. THE WIDTH SHALL BE NO LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS.
5. WHEN NECESSARY, VEHICLES SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO A PUBLIC ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE WITH DRAINAGE FLOWING AWAY FROM BOTH THE STREET AND THE STABILIZED ENTRANCE. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE USING APPROVED METHODS.
6. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PAVED SURFACES. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PAVED SURFACES MUST BE REMOVED IMMEDIATELY.
7. THE ENTRANCE MUST BE PROPERLY GRADED OR INCORPORATE A DRAINAGE SWALE TO PREVENT RUNOFF FROM LEAVING THE CONSTRUCTION SITE.

3 TEMPORARY STABILIZED CONSTRUCTION ENTRANCE
C05 — NOT TO SCALE



SILT FENCE GENERAL NOTES:

1. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE. POST MUST BE EMBEDDED A MINIMUM OF ONE FOOT.
2. THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERPENDICULAR TO THE LINE OF FLOW. WHERE FENCE CANNOT BE TRENCHED IN (e.g. PAVEMENT), WEIGHT FABRIC FLAP WITH ROCK ON UPHILL SIDE TO PREVENT FLOW FROM SEEPING UNDER FENCE.
3. THE TRENCH MUST BE A MINIMUM OF 6 INCHES DEEP AND 6 INCHES WIDE TO ALLOW FOR THE SILT FENCE FABRIC TO BE LAID IN THE GROUND AND BACKFILLED WITH COMPACTED MATERIAL.
4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUPPORT POST OR TO WOVEN WIRE, WHICH IN TURN IS ATTACHED TO THE STEEL FENCE POST. THERE SHALL BE A 3 FOOT OVERLAP, SECURELY FASTENED WHERE ENDS OF FABRIC MEET.
5. INSPECTION SHALL BE MADE EVERY TWO WEEKS AND AFTER EACH 1/2" RAINFALL. REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
6. SILT FENCE SHALL BE REMOVED WHEN THE SITE IS COMPLETELY STABILIZED SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
7. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF HALF THE HEIGHT OF THE FENCE. THE SILT SHALL BE DISPOSED OF AT AN APPROVED SITE AND IN SUCH A MANNER AS TO NOT CONTRIBUTE TO ADDITIONAL SILTATION.

4 SILT FENCE
C05 — NOT TO SCALE

PLAN TRUE N N

KEY PLAN

0 25 50 100

JACOBS
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Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

STATE OF NEW MEXICO — DAVID G JOHNSON — 21069 — JULY 13, 2021 — PROFESSIONAL ENGINEER

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

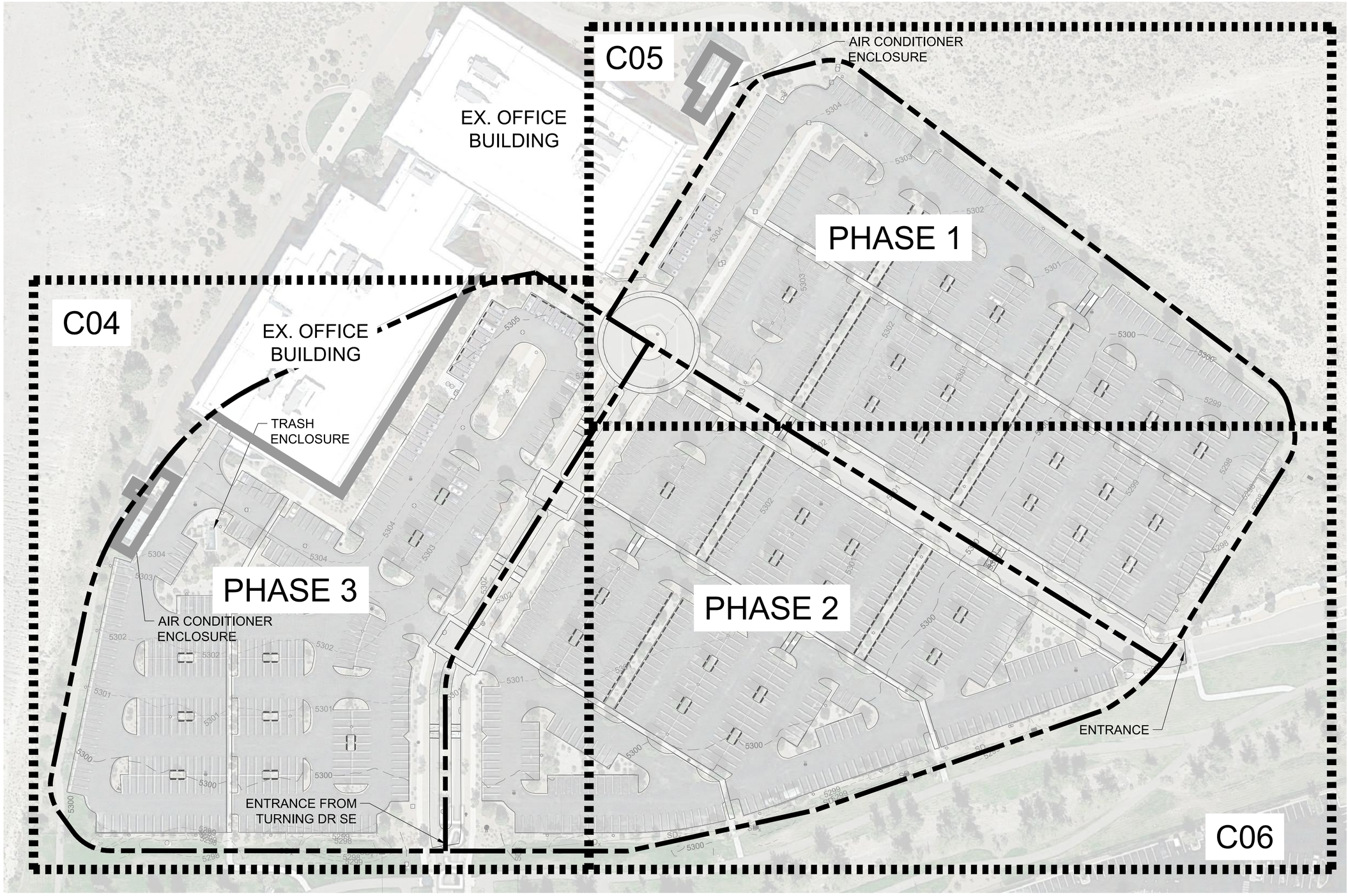
ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
EROSION CONTROL DETAILS

SHEET NUMBER:
C05

SHT: 6 OF: 18 TOTAL: 18



LEGEND:

PHASE LINE

VIEWPORT LINE

PLAN TRUE

KEY PLAN

0 25 50 100

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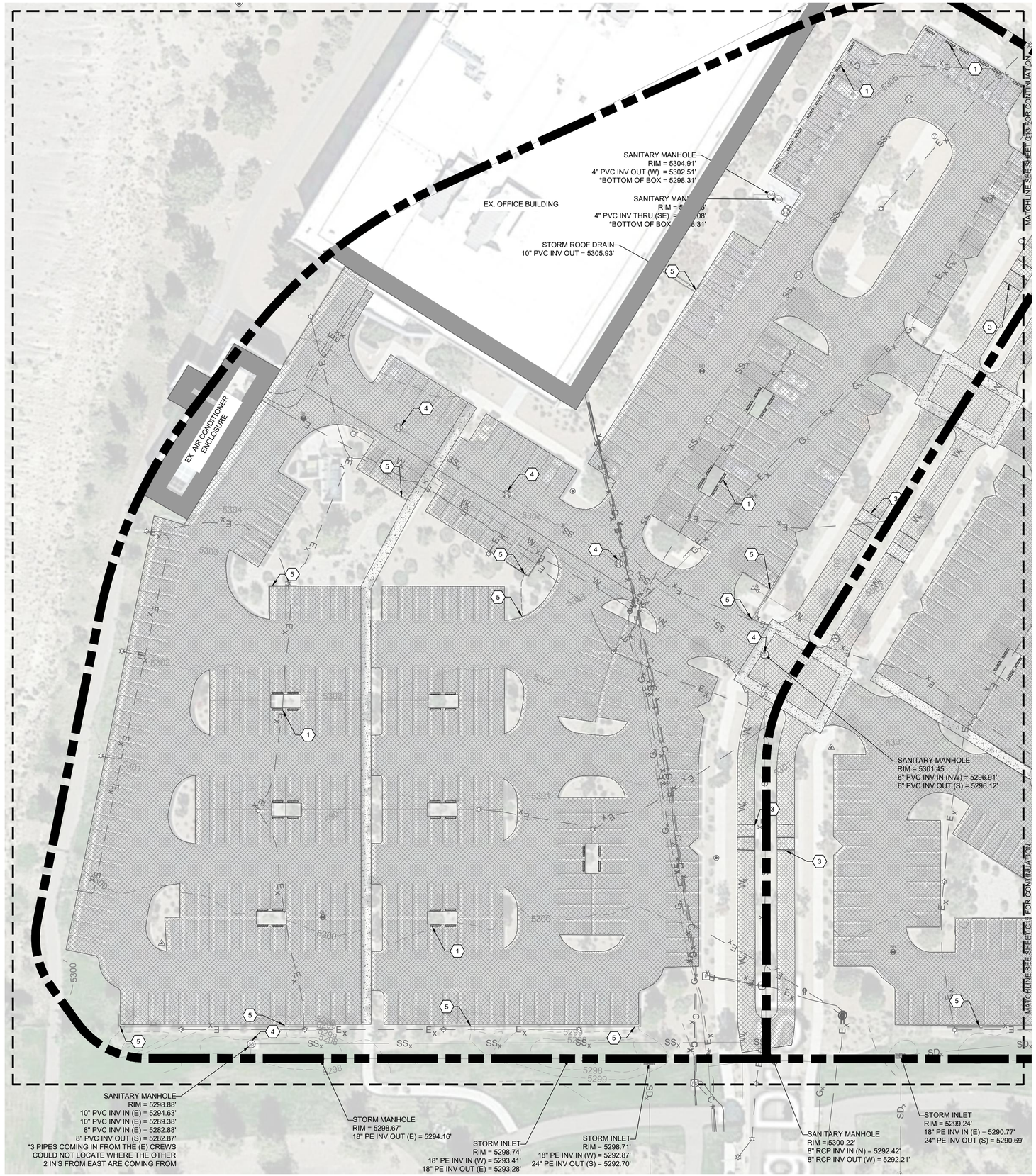
ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
OVERALL EXISTING SITE PLAN

SHEET NUMBER:
C06

SHT: 7 OF: 18 TOTAL: 18



NOTES:

1. BEARINGS ARE APPROXIMATE, NEW MEXICO STATE PLANE COORDINATE SYSTEM, NORTH ZONE GRID.
2. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE ONLY BASED ON JACOBS SURVEY DATED 4/13/2021 TO 4/19/2021.
3. CITY OF THE ALBUQUERQUE ZONING IS PLANNED COMMUNITY (PC).
4. ALL UNDERGROUND UTILITIES TO BE REMAIN AND PROTECTED.
5. ENVIRONMENTAL CONTROLS TO COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE.
6. PROTECT IN PLACE ALL EXISTING CURB OPENINGS.

LEGEND:

SURFACING

- EX. CONCRETE PAVEMENT
- REMOVE EX. ASPHALT PAVEMENT
- SS_x — EXISTING UNDERGROUND SANITARY SEWER LINE
- SD_x — EXISTING UNDERGROUND STORM SEWER LINE
- G_x — EXISTING UNDERGROUND GAS LINE
- C_x — EXISTING UNDERGROUND COMMUNICATION CABLE
- E_x — EXISTING UNDERGROUND ELECTRICAL CABLE
- W_x — EXISTING UNDERGROUND WATER LINE
- PHASE LINE

SITE ELEMENT KEYNOTES

1. EX. WHEELSTOP
2. EX. PARKING LOT STRIPE
3. EX. SPEEDBUMP
4. EX. MANHOLE
5. EX. CURB OPENING

SITE SYMBOLS

- ALUMINUM CAP
- 1" COPPER PLUG
- BRASS CAP
- FIRE HYDRANT
- WATER VALVE
- TEST HOLE
- SANITARY MANHOLE
- SANITARY CLEANOUT
- STORM MANHOLE
- STORM GRATE
- ELECTRIC INLET
- ELECTRIC PEDESTAL
- ELECTRIC BOX
- ELECTRIC SWITCH
- LIGHT POLE
- FIBER OPTIC VAULT
- HANDICAP PARKING PAINT
- PARKING BUMPER

LEGEND:

- PHASE LINE
- VIEWPORT LINE

PLAN TRUE NORTH

KEY PLAN

0 15 30 60

JACOBS

Jacobs Engineering Group Inc.
Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

DAVID G JOHNSON NEW MEXICO 21069 JULY 13, 2021 PROFESSIONAL ENGINEER

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
EXISTING SITE & DEMOLITION PLAN

SHEET NUMBER:
C07

SHT: 8 OF: 18 TOTAL: 18

FILE INFO:U:\BLDG\WFXQ8600 - Fidelity - ABQ Parking Lot\Design\Sheets\Civil\V-100.dwg XREFS:V-SP01; JEG_36x24 TB; C-SP01 MODIFIED: Jun 24, 2021 2:59pm PLOTTED: Jun 24, 2021 3:07pm BY:CHOWK PLOT SCALE: 1=1

NOTES:
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6. PROTECT IN PLACE ALL EXISTING CURB OPENINGS.

LEGEND:

SURFACING

- EX. CONCRETE PAVEMENT
- REMOVE EX. ASPHALT PAVEMENT
- SS_X — EXISTING UNDERGROUND SANITARY SEWER LINE
- SD_X — EXISTING UNDERGROUND STORM SEWER LINE
- G_X — EXISTING UNDERGROUND GAS LINE
- C_X — EXISTING UNDERGROUND COMMUNICATION CABLE
- E_X — EXISTING UNDERGROUND ELECTRICAL CABLE
- W_X — EXISTING UNDERGROUND WATER LINE
- PHASE LINE

SITE ELEMENT KEYNOTES

1. EX. WHEELSTOP
2. EX. PARKING LOT STRIPE
3. EX. SPEEDBUMP
4. EX. MANHOLE
5. EX. CURB OPENING

SITE SYMBOLS

- ALUMINUM CAP
- 1" COPPER PLUG
- BRASS CAP
- FIRE HYDRANT
- WATER VALVE
- TEST HOLE
- SANITARY MANHOLE
- SANITARY CLEANOUT
- STORM MANHOLE
- STORM GRATE
- ELECTRIC INLET
- ELECTRIC PEDESTAL
- ELECTRIC BOX
- ELECTRIC SWITCH
- LIGHT POLE
- FIBER OPTIC VAULT
- HANDICAP PARKING PAINT
- PARKING BUMPER

PLAN TRUE NORTH

KEY PLAN

0 15 30 60

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777 Main Street
Fort Worth, TX 76102

DAVID G. JOHNSON
NEW MEXICO
21069
JULY 13, 2021
PROFESSIONAL ENGINEER

Digitally signed by
David G Johnson
Date: 2021.07.13
09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
EXISTING SITE & DEMOLITION PLAN

SHEET NUMBER:
C08

SHT: 9 OF: 18 TOTAL: 18

FILE INFO:U:\BLDG\WFXQ8600 - Fidelity - ABQ Parking Lot\Design\Sheets\Civil\V-100.dwg XREFS:V-SP01; JEG_36x24 TB; C-SP01 MODIFIED: Jun 24, 2021 2:59pm PLOTTED: Jun 24, 2021 3:07pm BY:CHOWK PLOT SCALE: 1=1

NOTES:
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5. ENVIRONMENTAL CONTROLS TO COMPLY WITH THE REQUIREMENTS OF THE CITY OF ALBUQUERQUE.
6. PROTECT IN PLACE ALL EXISTING CURB OPENINGS.

LEGEND:

SURFACING

EX. CONCRETE PAVEMENT	REMOVE EX. ASPHALT PAVEMENT

SS_x	EXISTING UNDERGROUND SANITARY SEWER LINE
SD_x	EXISTING UNDERGROUND STORM SEWER LINE
G_x	EXISTING UNDERGROUND GAS LINE
C_x	EXISTING UNDERGROUND COMMUNICATION CABLE
E_x	EXISTING UNDERGROUND ELECTRICAL CABLE
W_x	EXISTING UNDERGROUND WATER LINE
	PHASE LINE

SITE ELEMENT KEYNOTES

1. EX. WHEELSTOP
2. EX. PARKING LOT STRIPE
3. EX. SPEEDBUMP
4. EX. MANHOLE
5. EX. CURB OPENING

SITE SYMBOLS

	ALUMINUM CAP
	1" COPPER PLUG
	BRASS CAP
	FIRE HYDRANT
	WATER VALVE
TH	TEST HOLE
SS	SANITARY MANHOLE
	SANITARY CLEANOUT
ST	STORM MANHOLE
	STORM GRATE
	ELECTRIC INLET
E	ELECTRIC PEDESTAL
E	ELECTRIC BOX
	ELECTRIC SWITCH
	LIGHT POLE
	FIBER OPTIC VAULT
	HANDICAP PARKING PAINT
	PARKING BUMPER

PLAN TRUE

KEY PLAN

0 15 30 60

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DAVID G. JOHNSON NEW MEXICO 21069 JULY 13, 2021 PROFESSIONAL ENGINEER

Digitally signed by
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Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

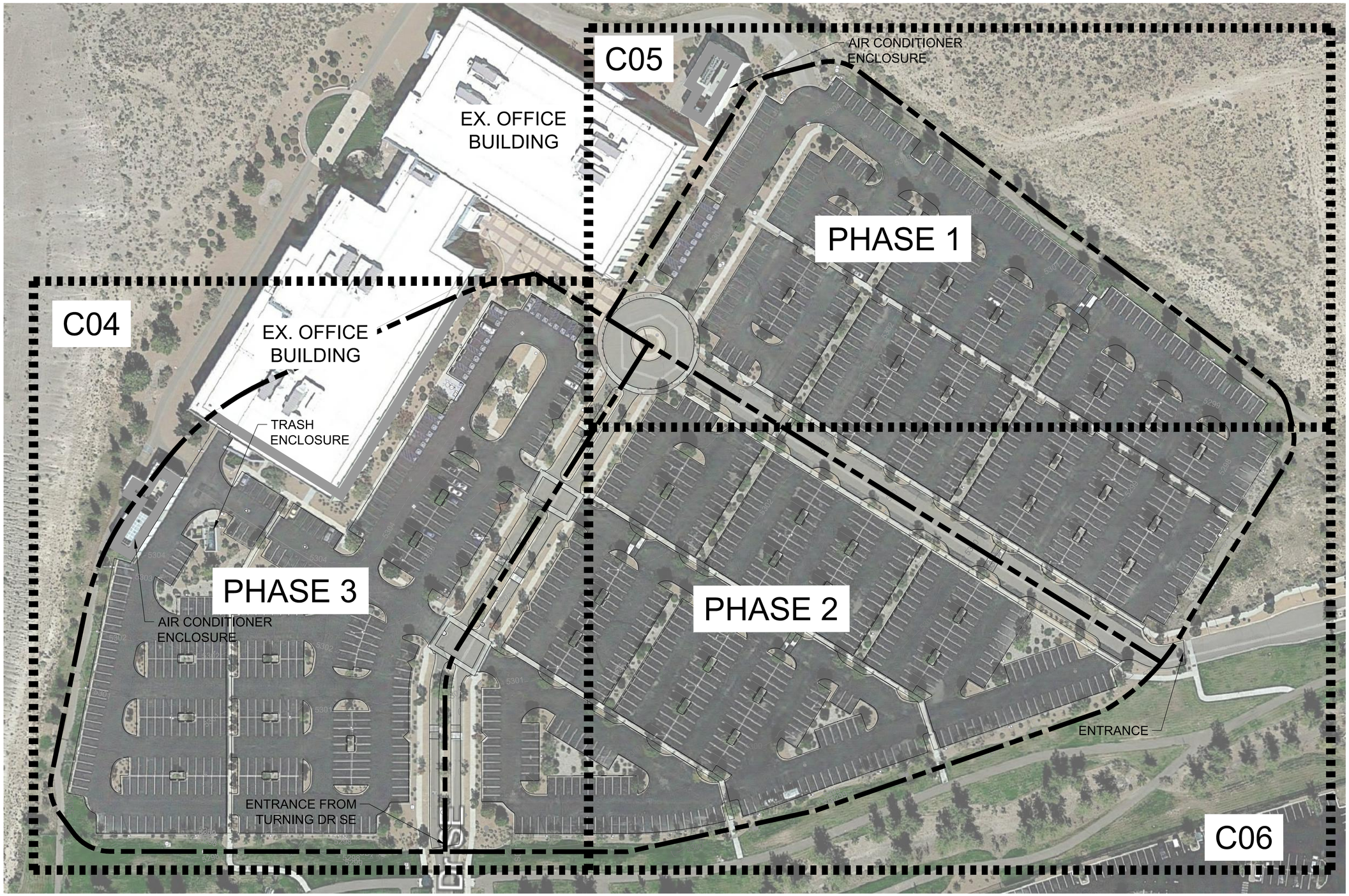
ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
EXISTING SITE & DEMOLITION PLAN

SHEET NUMBER:
C09

SHT: 10 OF: 18 TOTAL: 18



Parking count table			
Phase	Number of vehicle parking spots	Number of handicapped parking spots	Number of motorcycle parking spots
1	524	8	7
2	488	0	0
3	356	19	0

Parking stiping quantity table	
Phase	Total length of parking striping (ft)
1	10158
2	9351
3	7347

LEGEND:

PHASE LINE

VIEWPORT LINE

PLAN TRUE

KEY PLAN

0 25 50 100

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5401 WATSON DR SE
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ISSUES:
ISSUE 01 - ISSUE FOR BID

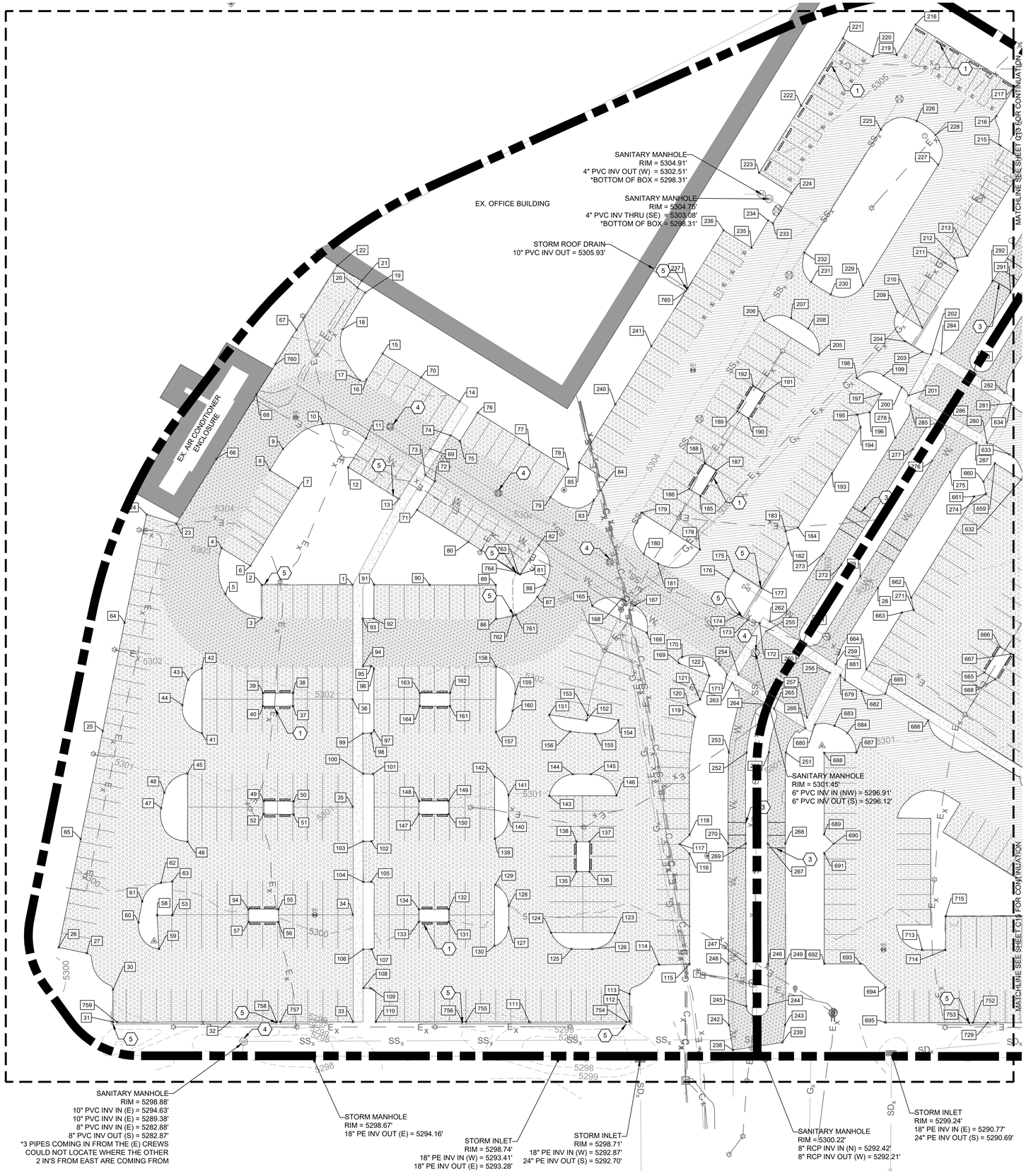
REVISIONS:

SHEET CONTENTS:
OVERALL SITE PLAN

SHEET NUMBER:
C10

SHT: 11 OF: 18 TOTAL: 18

FILE INFO:U:\BLDG\WFXQ8600 - Fidelity - ABQ Parking Lot\Design\Sheets\Civil\CS100.dwg XREFS:V-SP01; JEG_36x24 TB; C-SP01 MODIFIED: Jun 24, 2021 2:48pm PLOTTED: Jun 24, 2021 3:07pm BY:CHOWK PLOT SCALE: 1=1



Parking count table			
Phase	Number of vehicle parking spots	Number of handicapped parking spots	Number of motorcycle parking spots
1	524	8	7
2	488	0	0
3	356	19	0

Parking stiping quantity table	
Phase	Total length of parking striping (ft)
1	10158
2	9351
3	7347

LEGEND:

SURFACING

- EX. CONCRETE PAVEMENT
- PR. MEDIUM DUTY ASPHALT PAVEMENT
- PR. LIGHT DUTY ASPHALT PAVEMENT
- PR. HEAVY DUTY ASPHALT PAVEMENT
- SS_x EXISTING UNDERGROUND SANITARY SEWER LINE
- SD_x EXISTING UNDERGROUND STORM SEWER LINE
- G_x EXISTING UNDERGROUND GAS LINE
- C_x EXISTING UNDERGROUND COMMUNICATION CABLE
- E_x EXISTING UNDERGROUND ELECTRICAL CABLE
- W_x EXISTING UNDERGROUND WATER LINE
- PHASE LINE

SITE ELEMENT KEYNOTES

1. WHEELSTOP (RE: 6/C10)
2. PARKING LOT STRIPE (RE: 4/C10 & 5/C10)
3. SPEED HUMP (RE: 7/C10)
4. EX. SANITARY SEWER MANHOLE
5. EX. CURB OPENING

NOTES:

1. BEARINGS ARE APPROXIMATE, NEW MEXICO STATE PLANE COORDINATE SYSTEM, NORTH ZONE GRID, NAD83.
2. COORDINATE ALL PAVEMENT DETAILS TO GEOTECHNICAL ENGINEER AND SITE SPECIFIC INVESTIGATION REPORT PREPARED BY TERRACON, TERRACON PROJECT NUMBER 86205168, DATED FEBRUARY 24, 2021.
3. COMPLETELY MILL AND REMOVE ASPHALT PAVEMENT TO A DEPTH DETERMINED BY THE GEOTECHNICAL ENGINEER.
4. CITY OF THE ALBUQUERQUE ZONING IS PLANNED COMMUNITY (PC).
5. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE ONLY BASED ON JACOBS SURVEY DATED 4/13/2021 TO 4/19/2021.
6. PROMPTLY INFORM THE ENGINEER OF ANY DISCREPANCY DISCOVERED OR CONFLICT BETWEEN THE DRAWINGS OR SPECIFICATIONS.
7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. PARKING SPACES ARE SHOWN AS 9 LF WIDTH AND 20 LF LENGTH. ENGINEER OF RECORD MAY ASSESS LOCAL CONDITIONS FOR SMALLER SPACE CONFIGURATIONS AS ALLOWED BY LOCAL AHJ. GDESIGN MINIMUM SPACE: 9 LF WIDTH;20 LF LENGTH.
9. ALL SITE SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE RELEVANT NATIONAL, STATE AND LOCAL JURISDICTIONAL CODES AND REGULATIONS. THIS MAY INCLUDE ADA ACCESSIBILITY GUIDELINES (ADAAG), EUROPEAN ACCESSIBILITY ACT (EAA) STANDARDS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), EUROPEAN STANDARD FOR ROAD MARKINGS (EN 1436). PROJECT SPECIFIC SIGNAGE SHALL BE IN ACCORDANCE WITH SUCH APPLICABLE INSTALLATION AND ACCESSIBILITY CODES AND REGULATIONS.

PAVING NOTES:

1. THE CONTRACTOR SHALL PROVIDE A FULL DEPTH SAW-OUT AND SMOOTH TRANSITION AT CONNECTIONS TO EXISTING PAVEMENT AND CURB.
2. ALL SIDEWALKS, ACCESSIBLE PATHS, AND PARKING SHALL CONFORM TO THE NEW MEXICO A.D.A. TRANSITION PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING COMPLIANCE
3. THE CONTRACTOR SHALL NOT STAND, PARK, DRIVE ON, OR IN ANY WAY DISTURB OR DAMAGE STEEL REINFORCING FOR SITE WORK. ALL REINFORCING SHALL BE INSTALLED WITH CHAIRS PER THE PLANS AND SPECIFICATIONS.
4. SUBGRADE SHALL BE MAINTAINED TO WITHIN THE SPECIFIED REQUIREMENTS OF MOISTURE AND DENSITY UNTIL PAVING IS PLACED. PRIOR TO PLACING PAVEMENT, THE CONTRACTOR SHALL RE-TEST THE AREAS SELECTED BY THE CONSTRUCTION MATERIALS TESTING LAB PERSONNEL AT THE CONTRACTOR'S EXPENSE OR IF REQUESTED BY THE OWNER, ARCHITECT OR ENGINEER, AND IF THE SUBGRADE HAS BEEN PLACED AND ACCEPTED FOR LONGER THAN TEN (10) DAYS AND NO PAVEMENT HAS BEEN CONSTRUCTED.
5. PAVING CONTRACTOR TO VERIFY AND COORDINATE THE INSTALLATION OF ALL SLEEVES UNDER PAVEMENT FOR THE IRRIGATION SYSTEM, IRRIGATION CONTROLS, ELECTRICAL, EXTERIOR SITE LIGHTING AND SIGNAGE, ETC. PRIOR TO THE PLACEMENT OF PAVING.
6. ALL JOINTS ARE TO CONTINUE THROUGH THE CURB.
7. RADIAL JOINTS SHALL BE NO SHORTER THAN 1.5'.
8. CONTRACTOR SHALL AVOID CONSTRUCTING IRREGULAR SHAPED PANELS AN IRREGULAR SHAPED PANEL IS CONSIDERED TO BE ONE IN WHICH THE SLAB TAPERS TO A SHARP ANGLE, WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 3 TO 1, OR WHEN A SLAB IS NEITHER SQUARE NOR RECTANGULAR
9. REFER TO GEOTECHNICAL ENGINEERING REPORT PREPARE BY TERRACON, REPORT NUMBER 66205168, DATED MAY 21, 2021, SECTION 4.3.2, AND NMDOT SPECS FOR PAVEMENT MATERIALS RECOMMENDATIONS. MATERIALS MEETING NMDOT AND COA SP-IV SPECIFICATIONS SHALL BE USE AS ASPHALT PAVEMENT MATERIALS.

EXCAVATION AND GRADING REQUIREMENTS:

1. ALL CONSTRUCTION MATERIALS SHALL CONFORM TO THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, LATEST EDITION DATE JANUARY, 9, 2019 AND SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. ALL SPECIFICATIONS REFERENCED HEREIN REFER TO THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL UNLESS INDICATED OTHERWISE.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL, THROUGHOUT CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD, LATEST EDITION) AND THE NEW MEXICO DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS AND CODES. THE CONTRACTOR SHALL FENCE AND/OR BARRICADE THE CONSTRUCTION AREA AS REQUIRED TO PROTECT ADJACENT SITES, VEHICULAR TRAFFIC AND PEDESTRIAN TRAFFIC. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 618, IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION OF SAID PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, STRUCTURES ADJACENT TO STREETS AND ALL OTHER EXISTING IMPROVEMENTS.
5. THE CONTRACTOR SHALL INCORPORATE ADEQUATE DRAINAGE PROCEDURES DURING THE CONSTRUCTION PROCESS TO ELIMINATE EXCESSIVE PONDING AND/OR EROSION. THE CONTRACTOR SHALL ALSO INSTALL EROSION AND RUN-OFF CONTROL MEASURES AT PUBLIC ROADS AND DRAINAGE WAYS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED CONSTRUCTION AREAS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR CLEANING OF ALL MUD, DIRT, DEBRIS, ETC. FROM ANY AND ALL ADJACENT STREETS AND SIDEWALKS.
8. NO MATERIALS OF ANY KIND SHALL BE STOCKPILED OR CONSTRUCTION EQUIPMENT PARKED ON CONCRETE OR ASPHALT SURFACES.
9. CONSTRUCTION OF STREET IMPROVEMENTS MUST ALLOW FOR THE PERPETUATION OF ALL EXISTING LEGAL ACCESSES AND EXISTING DRIVEWAYS.
10. INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE UNIFORM ADMINISTRATIVE CODE 2020 EDITION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUTS OF LINES AND GRADES PROVIDED BY A NEW MEXICO LICENSED SURVEYOR.

EARTH WORK REQUIREMENTS:

1. CLEARING AND GRUBBING, SUB-GRADE PREPARATION AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE REQUIREMENTS.
2. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
3. NO FENCE OR OTHER OBSTRUCTION WHICH INTERFERES WITH DISCHARGE SHALL BE CONSTRUCTED WITHIN THE DRAINAGE OR STORM DRAIN EASEMENTS. ALL EXCESS OR UNSUITABLE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH THE LATEST CITY OF ALBUQUERQUE REGULATIONS.

JACOBS®
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JULY 13, 2021
PROFESSIONAL ENGINEER

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Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
PAVING & GRADING PLAN

PLAN TRUE

KEY PLAN

0 15 30 60

SHEET NUMBER:
C11

SHT: 12 OF: 18 TOTAL: 18

POINT TABLE

#	DESC	NORTHING	EASTING	ELEVATION
1	TP	1456956.36	1529918.44	5302.71
2	TP	1456956.29	1529864.54	5302.60
3	TP	1456936.68	1529864.55	5302.51
4	TP	1456978.15	1529840.71	5303.08
5	TP	1456950.72	1529842.93	5302.67
6	TP	1456967.66	1529857.70	5303.42
7	TP	1457013.74	1529886.24	5304.43
8	TP	1457024.26	1529869.31	5304.45
9	TP	1457036.87	1529877.07	5304.67
10	TP	1457051.71	1529900.65	5304.51
11	TP	1457043.12	1529926.30	5304.37
12	TP	1457026.13	1529915.68	5304.16
13	TP	1457007.47	1529945.81	5303.90
14	TP	1457065.01	1529981.79	5304.91
15	TP	1457093.41	1529936.08	5305.52
16	TP	1457078.19	1529926.62	5304.74
17	TP	1457077.58	1529922.79	5304.62
18	TP	1457107.81	1529912.34	5305.67
19	TP	1457129.63	1529925.83	5306.60
20	TP	1457132.53	1529921.12	5306.65
21	TP	1457136.62	1529923.68	5306.88
22	TP	1457145.64	1529909.17	5307.00
23	TP	1456992.74	1529813.87	5303.10
24	TP	1456998.07	1529796.21	5303.06
25	TP	1456869.72	1529770.20	5301.10
26	TP	1456741.40	1529744.06	5299.37
27	TP	1456737.89	1529760.76	5299.25
28	TP	1456954.67	1530229.83	5301.89
29	TP	1456961.22	1530219.30	5302.16
30	TP	1456716.25	1529776.21	5299.06
31	TP	1456697.08	1529776.29	5298.86
32	TP	1456697.18	1529845.45	5299.01
33	TP	1456697.18	1529918.59	5299.09
34	TP	1456760.62	1529918.53	5300.14
35	TP	1456824.63	1529918.47	5300.91
36	TP	1456888.42	1529918.39	5301.90
37	TP	1456884.46	1529883.05	5301.81
38	TP	1456892.24	1529883.11	5301.94
39	TP	1456892.25	1529865.22	5301.81
40	TP	1456884.40	1529865.14	5301.70
41	TP	1456868.28	1529829.04	5301.44
42	TP	1456906.84	1529828.98	5301.93
43	TP	1456900.08	1529820.89	5301.84
44	TP	1456885.11	1529817.44	5301.54
45	TP	1456844.44	1529820.43	5301.00
46	TP	1456803.98	1529820.46	5300.47
47	TP	1456824.02	1529804.84	5300.58
48	TP	1456832.99	1529806.71	5300.77
49	TP	1456828.20	1529865.67	5300.76
50	TP	1456828.02	1529883.50	5300.92
51	TP	1456820.20	1529883.41	5300.79
52	TP	1456820.46	1529865.65	5300.76
53	TP	1456760.42	1529811.45	5299.78
54	TP	1456764.09	1529856.57	5299.97
55	TP	1456764.07	1529874.40	5300.10
56	TP	1456756.42	1529874.40	5299.95
57	TP	1456756.43	1529856.73	5299.86
58	TP	1456760.39	1529802.45	5299.68
59	TP	1456740.37	1529803.57	5299.52
60	TP	1456756.10	1529791.43	5299.64
61	TP	1456768.55	1529793.60	5299.83
62	TP	1456779.64	1529804.76	5300.00
63	TP	1456780.48	1529811.48	5300.08
64	TP	1456933.91	1529783.13	5302.16
65	TP	1456805.56	1529757.13	5300.22
66	TP	1457031.04	1529837.58	5304.72
67	TP	1457107.52	1529885.17	5305.07
68	TP	1457069.32	1529861.31	5304.80
69	TP	1457037.09	1529964.42	5304.48
70	TP	1457079.26	1529958.97	5305.27
71	TP	1457000.78	1529956.50	5303.68
72	TP	1457017.69	1529967.10	5304.00
73	TP	1457021.27	1529961.52	5304.11
74	TP	1457044.86	1529976.36	5304.77
75	TP	1457041.65	1529982.00	5304.69
76	TP	1457058.48	1529992.52	5304.97
77	TP	1457039.37	1530023.10	5304.93
78	TP	1457024.92	1530046.20	5304.72
79	TP	1457008.34	1530035.69	5304.34
80	TP	1456981.82	1529986.92	5303.58

POINT TABLE

#	DESC	NORTHING	EASTING	ELEVATION
81	TP	1456962.62	1530017.59	5303.24
82	TP	1456979.80	1530028.58	5303.77
83	TP	1457006.66	1530061.34	5304.43
84	TP	1457018.43	1530068.99	5304.54
85	TP	1457029.00	1530052.66	5304.60
86	TP	1456936.13	1530003.34	5302.69
87	TP	1456949.23	1530027.84	5303.15
88	TP	1456956.42	1530032.41	5303.29
89	TP	1456956.32	1530003.23	5303.09
90	TP	1456956.34	1529964.00	5302.96
91	TP	1456956.40	1529931.03	5302.86
92	TP	1456936.45	1529930.97	5302.40
93	TP	1456936.40	1529924.27	5302.44
94	TP	1456908.21	1529924.39	5302.24
95	TP	1456908.20	1529929.33	5302.20
96	TP	1456906.60	1529931.03	5302.15
97	TP	1456870.02	1529931.05	5301.65
98	TP	1456868.37	1529929.25	5301.60
99	TP	1456868.19	1529924.42	5301.59
100	TP	1456844.29	1529924.57	5301.14
101	TP	1456844.24	1529930.50	5301.16
102	TP	1456804.29	1529929.43	5300.56
103	TP	1456804.24	1529924.52	5300.72
104	TP	1456780.14	1529924.68	5300.37
105	TP	1456780.20	1529929.26	5300.44
106	TP	1456740.21	1529924.55	5299.93
107	TP	1456740.35	1529929.56	5299.86
108	TP	1456717.17	1529924.61	5299.22
109	TP	1456717.12	1529928.97	5299.25
110	TP	1456697.18	1529932.04	5299.13
111	TP	1456697.11	1530023.13	5298.99
112	TP	1456697.21	1530082.63	5298.84
113	TP	1456713.76	1530082.63	5299.10
114	TP	1456731.10	1530100.08	5299.53
115	TP	1456731.42	1530118.16	5299.77
116	TP	1456797.06	1530118.02	5300.42
117	TP	1456802.62	1530112.25	5300.50
118	TP	1456807.92	1530118.04	5300.54
119	TP	1456678.00	1530121.47	5301.20
120	TP	1456884.88	1530117.15	5301.36
121	TP	1456888.32	1530124.40	5301.42
122	TP	1456902.36	1530129.85	5301.55
123	TP	1456749.86	1530073.83	5299.80
124	TP	1456750.12	1530035.94	5299.85
125	TP	1456740.44	1530048.14	5299.68
126	TP	1456740.32	1530060.43	5299.76
127	TP	1456753.08	1530010.83	5299.80
128	TP	1456766.03	1530010.88	5300.00
129	TP	1456778.42	1530002.97	5300.16
130	TP	1456742.33	1530002.49	5299.85
131	TP	1456756.41	1529975.39	5299.97
132	TP	1456764.01	1529975.37	5300.11
133	TP	1456756.52	1529957.59	5300.03
134	TP	1456764.01	1529957.68	5300.12
135	TP	1456786.29	1530051.06	5300.32
136	TP	1456786.25	1530058.75	5300.29
137	TP	1456804.13	1530058.81	5300.55
138	TP	1456804.13	1530051.06	5300.51
139	TP	1456805.87	1530002.67	5300.67
140	TP	1456817.45	1530010.73	5300.70
141	TP	1456831.64	1530010.73	5300.90
142	TP	1456842.67	1530002.58	5301.08
143	TP	1456831.17	1530034.92	5300.91
144	TP	1456844.06	1530048.89	5301.08
145	TP	1456844.06	1530059.54	5301.05
146	TP	1456831.32	1530074.78	5300.87
147	TP	1456820.36	1529957.60	5300.86
148	TP	1456828.09	1529957.66	5300.95
149	TP	1456828.19	1529975.25	5300.98
150	TP	1456820.34	1529975.32	5300.88
151	TP	1456879.22	1530034.87	5301.56
152	TP	1456875.97	1530057.09	5301.72
153	TP	1456879.25	1530057.72	5301.76
154	TP	1456876.17	1530075.92	5301.52
155	TP	1456868.01	1530062.02	5301.40
156	TP	1456869.37	1530047.30	5301.38
157	TP	1456869.04	1530003.29	5301.55
158	TP	1456907.84	1530003.38	5302.01
159	TP	1456891.69	1530014.78	5301.75
160	TP	1456881.64	1530013.18	5301.53

POINT TABLE

#	DESC	NORTHING	EASTING	ELEVATION
161	TP	1456884.43	1529976.09	5301.72
162	TP	1456892.19	1529976.17	5301.82
163	TP	1456892.17	1529958.26	5301.85
164	TP	1456884.50	1529958.20	5301.77
165	TP	1456943.78	1530060.50	5302.85
166	TP	1456927.89	1530092.85	5302.10
167	TP	1456944.23	1530085.47	5302.50
168	TP	1456947.90	1530077.86	5302.59
169	TP	1456909.86	1530111.90	5301.68
170	TP	1456913.43	1530113.73	5301.56
171	TP	1456903.30	1530140.32	5301.35
172	TP	1456933.88	1530159.69	5301.70
173	TP	1456935.59	1530152.68	5301.68
174	TP	1456938.74	1530147.21	5302.00
175	TP	1456964.76	1530144.38	5302.17
176	TP	1456959.91	1530141.31	5302.06
177	TP	1456954.61	1530160.61	5301.96
178	TP	1456977.24	1530124.30	5302.80
179	TP	1456999.04	1530089.46	5303.62
180	TP	1456974.50	1530090.93	5303.41
181	TP	1456969.07	1530099.38	5303.12
182	TP	1456981.01	1530176.64	5302.13
183	TP	1456988.14	1530175.07	5302.21
184	TP	1456990.27	1530182.46	5302.24
185	TP	1457009.17	1530124.55	5303.25
186	TP	1457013.25	1530117.95	5303.45
187	TP	1457024.24	1530133.88	5303.37
188	TP	1457028.33	1530127.22	5303.50
189	TP	1457059.24	1530146.49	5303.62
190	TP	1457055.14	1530153.04	5303.41
191	TP	1457070.12	1530162.50	5303.38
192	TP	1457074.18	1530155.82	5303.47
193	TP	1457022.50	1530202.56	5302.34
194	TP	1457049.88	1530219.45	5302.44
195	TP	1457057.30	1530217.64	5302.54
196	TP	1457058.83	1530224.97	5302.59
197	TP	1457069.66	1530231.85	5302.70
198	TP	1457078.86	1530217.33	5302.80
199	TP	1457080.37	1530233.12	5302.98
200	TP	1457073.57	1530243.91	5302.93
201	TP	1457068.59	1530247.90	5302.87
202	TP	1457092.91	1530261.36	5303.20
203	TP	1457094.59	1530256.22	5303.08
204	TP	1457100.79	1530245.90	5303.23
205	TP	1457092.73	1530194.70	5303.26
206	TP	1457113.02	1530162.26	5303.74
207	TP	1457114.42	1530178.35	5303.66
208	TP	1457108.20	1530188.45	5303.52
209	TP	1457118.19	1530241.42	5303.25
210	TP	1457108.79	1530256.16	5303.42
211	TP	1457142.45	1530277.07	5303.55
212	TP	1457149.93	1530275.11	5303.67
213	TP	1457151.46	1530282.83	5303.73
215	TP	1457216.76	1530302.57	5304.17
216	TP	1457234.34	1530300.04	5304.32
217	TP	1457251.86	1530311.01	5304.46
218	TP	1457288.52	1530252.08	5305.45
219	TP	1457270.51	1530240.93	5305.28
220	TP	1457269.68	1530226.66	5305.20
221	TP	1457280.34	1530209.01	5305.59
222	TP	1457240.45	1530184.25	5305.32
223	TP	1457200.64	1530159.36	5304.95
224	TP	1457188.57	1530178.53	5304.58
225	TP	1457226.21	1530231.55	5304.46
226	TP	1457231.38	1530252.76	5304.45
227	TP	1457205.46	1530265.54	5304.02
228	TP	1457223.13	1530263.88	5304.36
229	TP	1457133.74	1530220.96	5303.42
230	TP	1457128.49	1530201.82	5303.46
231	TP	1457135.82	1530190.14	5303.62
232	TP	1457153.46	1530186.18	5303.72
233	TP	1457170.84	1530167.52	5304.38
234	TP	1457172.40	1530164.70	5304.45
235	TP	1457156.17	1530154.83	5304.37
236	TP	1457166.56	1530138.28	5304.69
237	TP	1457132.16	1530116.86	5304.81
238	TP	1456680.47	1530143.85	5300.20
239	TP	1456684.98	1530173.17	5300.27
240	TP	1457063.34	1530074.12	5304.66
241	TP	1457097.78	1530095.47	5304.69

POINT TABLE

#	DESC	NORTHING	EASTING	ELEVATION
242	TP	1456695.26	1530141.48	5300.26
243	TP	1456695.29	1530174.70	5300.32
244	TP	1456707.13	1530164.72	5300.34
245	TP	1456706.36	1530151.76	5300.33
246	TP	1456731.55	1530164.62	5300.51
247	TP	1456731.55	1530151.59	5300.49
248	TP	1456731.55	1530141.11	5300.49
249	TP	1456731.55	1530175.07	5300.51
250	TP	1456857.11	1530165.23	5301.10
251	TP	1456856.84	1530175.28	5301.00
252	TP	1456856.92	1530151.97	5300.98
253	TP	1456856.97	1530141.47	5301.05
254	TP	1456902.98	1530147.17	5301.35
255	TP	1456928.80	1530163.50	5301.67
256	TP	1456904.19	1530201.46	5301.60
257	TP	1456877.56	1530187.82	5301.20
259	TP	1456909.25	1530204.63	5301.67
260	TP	1456920.48	1530187.18	5301.57
261	TP	1456921.73	1530185.37	5301.59
262	TP	1456934.50	1530165.71	5301.67
263	TP	1456898.33	1530143.44	5301.39
264	TP	1456885.48	1530164.05	5301.31
265	TP	1456882.94	1530168.18	5301.28
266	TP	1456871.21	1530186.83	5301.30
267	TP	1456802.89	1530164.48	5300.84
268	TP	1456802.85	1530174.86	5300.77
269	TP	1456802.94	1530151.43	5300.82
270	TP	1456802.98	1530140.98	5300.83
271	TP	1456941.52	1530250.98	5301.85
272	TP	1456968.23	1530208.04	5302.15
273	TP	1456974.79	1530197.48	5301.94
274	TP	1457010.29	1530293.90	5302.36
275	TP	1457023.41	1530272.63	5302.67
276	TP	1457029.95	1530262.03	5302.89
277	TP	1457036.95	1530250.68	5302.86
278	TP	1457043.51	1530240.05	5302.71
280	TP	1457040.53	1530294.41	5303.08
281	TP	1457064.03	1530308.78	5303.26
282	TP	1457070.30	1530304.78	5303.28
283	TP	1457081.46	1530286.81	5303.27
284	TP	1457093.38	1530267.38	5303.25
285	TP	1457062.67	1530249.05	5302.94
286	TP	1457051.25	1530269.23	5303.10
287	TP	1457040.60	1530288.17	5302.94
291	TP	1457129.63	1530308.31	5303.58
292	TP	1457136.20	1530297.67	5303.31
632	TP	1457018.73	1530314.76	5302.38
633	TP	1457033.70	1530307.82	5302.71
634	TP	1457064.03	1530308.78	5303.26
659	TP	1457028.49	1530299.12	5302.38
660	TP	1457017.57	1530292.36	5302.35
661	TP	1457008.74	1530286.87	5302.35
662	TP	1456948.71	1530249.54	5301.92
663	TP	1456939.93	1530244.07	5301.84
664	TP	1456906.04	1530222.96	5301.69
665	TP	1456904.40	1530292.92	5301.45
666	TP	1456919.54	1530302.21	5301.52
667	TP	1456915.43	1530308.86	5301.44
668	TP	1456900.39	1530299.41	5301.40
679	TP	1456902.97	1530207.50	5301.74
680	TP	1456873.46	1530192.41	5301.34
681	TP	1456899.79	1530210.22	5301.57
682	TP	1456893.63	1530219.82	5301.54
683	TP	1456872.74	1530204.02	5301.34
684	TP	1456868.41	1530211.64	5301.24
685	TP	1456891.76	1530234.22	5301.46
686	TP	1456875.99	1530259.64	5301.18
687	TP	1456856.88	1530217.04	5300.92
688	TP	1456856.76	1530197.89	5300.98
689	TP	1456808.24	1530197.91	5300.64
690	TP	1456802.74	1530203.47	5300.47
691	TP	1456797.30	1530197.95	5300.46
692	TP	1456731.65	1530198.01	5299.82
693	TP	1456731.65	1530219.54	5299.79
694	TP	1456717.60	1530234.24	5299.71
695	TP	1456696.82	1530234.28	5299.55
713	TP	1456739.82	1530256.06	5299.66
714	TP	1456739.84	1530269.83	5299.74
715	TP	1456759.70	1530269.98	5300.11
729	TP	1456696.75	1530294.88	5299.22

POINT TABLE

#	DESC	NORTHING	EASTING	ELEVATION
752	TP	1456696.67	1530286.04	5299.20
753	TP	1456696.70	1530283.86	5299.20
754	TP	1456697.17	1530080.71	5298.84
755	TP	1456697.16	1529985.39	5298.85
756	TP	1456697.26	1529983.36	5298.83
757	TP	1456697.16	1529875.50	5298.93
758	TP	1456697.16	1529873.25	5298.92
759	TP	1456697.05	1529778.73	5298.91
760	TP	1457087.08	1529872.52	5304.72
761	TP	1456938.64	1530015.01	5302.83
762	TP	1456938.04	1530013.41	5302.84
763	TP	1456963.17	1530016.52	5303.36
764	TP	1456964.06	1530015.09	5303.37
765	TP	1457130.50	1530115.80	5304.79

JACOBS®
Jacobs Engineering Group Inc.
Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

DAVID G JOHNSON
NEW MEXICO
21069
JULY 13, 2021
PROFESSIONAL ENGINEER

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
PAVING & GRADING PLAN

SHEET NUMBER:
C12

SHT: 13 OF: 18 TOTAL: 18

Parking count table			
Phase	Number of vehicle parking spots	Number of handicapped parking spots	Number of motorcycle parking spots
1	524	8	7
2	488	0	0
3	356	19	0

Parking stiping quantity table	
Phase	Total length of parking striping (ft)
1	10158
2	9351
3	7347

LEGEND:

SURFACING

- EX. CONCRETE PAVEMENT
- PR. MEDIUM DUTY ASPHALT PAVEMENT
- PR. LIGHT DUTY ASPHALT PAVEMENT
- PR. HEAVY DUTY ASPHALT PAVEMENT
- SS_x — EXISTING UNDERGROUND SANITARY SEWER LINE
- SD_x — EXISTING UNDERGROUND STORM SEWER LINE
- G_x — EXISTING UNDERGROUND GAS LINE
- C_x — EXISTING UNDERGROUND COMMUNICATION CABLE
- E_x — EXISTING UNDERGROUND ELECTRICAL CABLE
- W_x — EXISTING UNDERGROUND WATER LINE
- PHASE LINE

SITE ELEMENT KEYNOTES

1. WHEELSTOP (RE: 6/C10)
2. PARKING LOT STRIPE (RE: 4/C10 & 5/C10)
3. SPEED HUMP (RE: 7/C10)
4. EX. SANITARY SEWER MANHOLE
5. EX. CURB OPENING

NOTES:

1. BEARINGS ARE APPROXIMATE. NEW MEXICO STATE PLANE COORDINATE SYSTEM, NORTH ZONE GRID, NAD83.
2. COORDINATE ALL PAVEMENT DETAILS TO GEOTECHNICAL ENGINEER AND SITE SPECIFIC INVESTIGATION REPORT PREPARED BY TERRACON, TERRACON PROJECT NUMBER 66205168, DATED FEBRUARY 24, 2021.
3. COMPLETELY MILL AND REMOVE ASPHALT PAVEMENT TO A DEPTH DETERMINED BY THE GEOTECHNICAL ENGINEER.
4. CITY OF THE ALBUQUERQUE ZONING IS PLANNED COMMUNITY (PC).
5. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE ONLY BASED ON JACOBS SURVEY DATED 4/13/2021 TO 4/19/2021.
6. PROMPTLY INFORM THE ENGINEER OF ANY DISCREPANCY DISCOVERED OR CONFLICT BETWEEN THE DRAWINGS OR SPECIFICATIONS.
7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. PARKING SPACES ARE SHOWN AS 9 LF WIDTH AND 20 LF LENGTH. ENGINEER OF RECORD MAY ASSESS LOCAL CONDITIONS FOR SMALLER SPACE CONFIGURATIONS AS ALLOWED BY LOCAL AHJ. GDESIGN MINIMUM SPACE: 9 LF WIDTH;20 LF LENGTH.
9. ALL SITE SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE RELEVANT NATIONAL, STATE AND LOCAL JURISDICTIONAL CODES AND REGULATIONS. THIS MAY INCLUDE ADA ACCESSIBILITY GUIDELINES (ADAAG), EUROPEAN ACCESSIBILITY ACT (EAA) STANDARDS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), EUROPEAN STANDARD FOR ROAD MARKINGS (EN 1436). PROJECT SPECIFIC SIGNAGE SHALL BE IN ACCORDANCE WITH SUCH APPLICABLE INSTALLATION AND ACCESSIBILITY CODES AND REGULATIONS.

PAVING NOTES:

1. THE CONTRACTOR SHALL PROVIDE A FULL DEPTH SAW-OUT AND SMOOTH TRANSITION AT CONNECTIONS TO EXISTING PAVEMENT AND CURB.
2. ALL SIDEWALKS, ACCESSIBLE PATHS, AND PARKING SHALL CONFORM TO THE NEW MEXICO A.D.A. TRANSITION PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING COMPLIANCE
3. THE CONTRACTOR SHALL NOT STAND, PARK, DRIVE ON, OR IN ANY WAY DISTURB OR DAMAGE STEEL REINFORCING FOR SITE WORK. ALL REINFORCING SHALL BE INSTALLED WITH CHAIRS PER THE PLANS AND SPECIFICATIONS.
4. SUBGRADE SHALL BE MAINTAINED TO WITHIN THE SPECIFIED REQUIREMENTS OF MOISTURE AND DENSITY UNTIL PAVING IS PLACED. PRIOR TO PLACING PAVEMENT, THE CONTRACTOR SHALL RE-TEST THE AREAS SELECTED BY THE CONSTRUCTION MATERIALS TESTING LAB PERSONNEL AT THE CONTRACTOR'S EXPENSE OR IF REQUESTED BY THE OWNER, ARCHITECT OR ENGINEER, AND IF THE SUBGRADE HAS BEEN PLACED AND ACCEPTED FOR LONGER THAN TEN (10) DAYS AND NO PAVEMENT HAS BEEN CONSTRUCTED.
5. PAVING CONTRACTOR TO VERIFY AND COORDINATE THE INSTALLATION OF ALL SLEEVES UNDER PAVEMENT FOR THE IRRIGATION SYSTEM, IRRIGATION CONTROLS, ELECTRICAL, EXTERIOR SITE LIGHTING AND SIGNAGE, ETC. PRIOR TO THE PLACEMENT OF PAVING.
6. ALL JOINTS ARE TO CONTINUE THROUGH THE CURB.
7. RADIAL JOINTS SHALL BE NO SHORTER THAN 1.5'.
8. CONTRACTOR SHALL AVOID CONSTRUCTING IRREGULAR SHAPED PANELS AN IRREGULAR SHAPED PANEL IS CONSIDERED TO BE ONE IN WHICH THE SLAB TAPERS TO A SHARP ANGLE, WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 3 TO 1, OR WHEN A SLAB IS NEITHER SQUARE NOR RECTANGULAR
9. REFER TO GEOTECHNICAL ENGINEERING REPORT PREPARE BY TERRACON, REPORT NUMBER 66205168, DATED MAY 21, 2021, SECTION 4.3.2, AND NMDOT SPECS FOR PAVEMENT MATERIALS RECOMMENDATIONS. MATERIALS MEETING NMDOT AND COA SP-IV SPECIFICATIONS SHALL BE USE AS ASPHALT PAVEMENT MATERIALS.

EXCAVATION AND GRADING REQUIREMENTS:

1. ALL CONSTRUCTION MATERIALS SHALL CONFORM TO THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, LATEST EDITION DATE JANUARY, 9, 2019 AND SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. ALL SPECIFICATIONS REFERENCED HEREIN REFER TO THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL UNLESS INDICATED OTHERWISE.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL, THROUGHOUT CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD, LATEST EDITION) AND THE NEW MEXICO DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS AND CODES. THE CONTRACTOR SHALL FENCE AND/OR BARRICADE THE CONSTRUCTION AREA AS REQUIRED TO PROTECT ADJACENT SITES, VEHICULAR TRAFFIC AND PEDESTRIAN TRAFFIC. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 618, IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION OF SAID PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, STRUCTURES ADJACENT TO STREETS AND ALL OTHER EXISTING IMPROVEMENTS.
5. THE CONTRACTOR SHALL INCORPORATE ADEQUATE DRAINAGE PROCEDURES DURING THE CONSTRUCTION PROCESS TO ELIMINATE EXCESSIVE PONDING AND/OR EROSION. THE CONTRACTOR SHALL ALSO INSTALL EROSION AND RUN-OFF CONTROL MEASURES AT PUBLIC ROADS AND DRAINAGE WAYS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED CONSTRUCTION AREAS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR CLEANING OF ALL MUD, DIRT, DEBRIS, ETC. FROM ANY AND ALL ADJACENT STREETS AND SIDEWALKS.
8. NO MATERIALS OF ANY KIND SHALL BE STOCKPILED OR CONSTRUCTION EQUIPMENT PARKED ON CONCRETE OR ASPHALT SURFACES.
9. CONSTRUCTION OF STREET IMPROVEMENTS MUST ALLOW FOR THE PERPETUATION OF ALL EXISTING LEGAL ACCESSES AND EXISTING DRIVEWAYS.
10. INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE UNIFORM ADMINISTRATIVE CODE 2020 EDITION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUTS OF LINES AND GRADES PROVIDED BY A NEW MEXICO LICENSED SURVEYOR.

EARTH WORK REQUIREMENTS:

1. CLEARING AND GRUBBING, SUB-GRADE PREPARATION AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE REQUIREMENTS.
2. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
3. NO FENCE OR OTHER OBSTRUCTION WHICH INTERFERES WITH DISCHARGE SHALL BE CONSTRUCTED WITHIN THE DRAINAGE OR STORM DRAIN EASEMENTS. ALL EXCESS OR UNSUITABLE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH THE LATEST CITY OF ALBUQUERQUE REGULATIONS.

PLAN TRUE

KEY PLAN

0 15 30 60

JACOBS
Jacobs Engineering Group Inc.
Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

DAVID G JOHNSON NEW MEXICO 21069 JULY 13, 2021 PROFESSIONAL ENGINEER

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
PAVING & GRADING PLAN

SHEET NUMBER:
C13

SHT: 14 OF: 18 TOTAL: 18

FILE INFO:U:\BLDG\WFXQ8600 - Fidelity - ABQ Parking Lot\Design\Sheets\Civil\CS100.dwg XREFS:V-SP01; JEG_36x24 TB; C-SP01 MODIFIED: Jun 24, 2021 2:48pm PLOTTED: Jun 24, 2021 3:07pm BY:CHOWK PLOT SCALE: 1=1

POINT TABLE				
#	DESC	NORTHING	EASTING	ELEVATION
214	TP	1457207.24	1530317.62	5304.06
293	TP	1457177.89	1530370.46	5303.86
294	TP	1457185.32	1530351.84	5304.05
295	TP	1457200.46	1530335.13	5303.92
296	TP	1457190.77	1530417.18	5303.59
297	TP	1457219.18	1530435.15	5303.52
298	TP	1457269.93	1530423.01	5304.04
299	TP	1457287.62	1530394.35	5304.42
300	TP	1457243.67	1530332.28	5304.48
301	TP	1457272.11	1530349.34	5304.68
302	TP	1457252.41	1530381.43	5304.29
303	TP	1457242.43	1530397.53	5304.03
304	TP	1457214.07	1530379.72	5304.30
305	TP	1457223.87	1530363.89	5304.57
306	TP	1457304.25	1530407.60	5304.31
307	TP	1457315.04	1530391.19	5304.38
308	TP	1457396.36	1530441.52	5304.38
309	TP	1457386.09	1530458.51	5304.13
310	TP	1457395.77	1530464.98	5304.20
311	TP	1457406.31	1530448.02	5304.43
312	TP	1457504.97	1530509.45	5304.70
313	TP	1457495.06	1530526.80	5304.45
314	TP	1457510.06	1530574.70	5304.42
315	TP	1457524.94	1530586.49	5304.37
316	TP	1457355.74	1530416.29	5304.39
317	TP	1457455.64	1530478.74	5304.48
318	TP	1457289.48	1530432.32	5304.09
319	TP	1457370.67	1530482.78	5303.75
320	TP	1457380.77	1530488.96	5303.82
321	TP	1457464.66	1530541.71	5304.09
322	TP	1457468.71	1530582.56	5303.59
323	TP	1457431.12	1530632.40	5302.98
324	TP	1457430.09	1530519.68	5304.08
325	TP	1457330.13	1530457.57	5303.89
326	TP	1457455.16	1530678.47	5303.32
327	TP	1457441.71	1530668.29	5303.06
328	TP	1457443.49	1530694.08	5303.05
329	TP	1457430.00	1530684.10	5302.88
330	TP	1457308.70	1530872.16	5300.72
331	TP	1457407.19	1530617.57	5303.09
332	TP	1457423.25	1530629.36	5303.26
333	TP	1457450.46	1530593.41	5303.67
334	TP	1457431.17	1530578.71	5303.46
335	TP	1457444.14	1530557.73	5303.80
336	TP	1457367.81	1530510.35	5303.71
337	TP	1457300.06	1530619.02	5302.45
338	TP	1457384.10	1530671.55	5302.48
339	TP	1457369.65	1530609.75	5302.86
340	TP	1457390.33	1530576.35	5303.16
341	TP	1457392.79	1530596.56	5303.06
342	TP	1457386.58	1530604.97	5302.93
343	TP	1457395.06	1530654.03	5302.77
344	TP	1457398.53	1530675.50	5302.48
345	TP	1457385.88	1530692.26	5302.26
346	TP	1457367.31	1530698.34	5301.96
347	TP	1457377.86	1530681.37	5302.29
348	TP	1457293.83	1530629.07	5302.37
349	TP	1457292.70	1530699.26	5301.77
350	TP	1457307.54	1530708.62	5301.80
351	TP	1457303.54	1530715.25	5301.64
352	TP	1457288.57	1530705.69	5301.73
353	TP	1457258.85	1530753.59	5301.08
354	TP	1457273.87	1530763.06	5301.09
355	TP	1457269.76	1530769.60	5300.94
356	TP	1457254.57	1530760.14	5300.97
357	TP	1457312.63	1530769.29	5301.16
358	TP	1457325.74	1530748.23	5301.50
359	TP	1457347.23	1530713.69	5301.75
360	TP	1457352.17	1530736.72	5301.62
361	TP	1457347.57	1530742.96	5301.57
362	TP	1457313.91	1530787.37	5301.06
363	TP	1457307.37	1530795.90	5300.99
364	TP	1457292.99	1530801.05	5300.94
365	TP	1457271.97	1530817.66	5300.60
366	TP	1457274.63	1530839.08	5300.46
367	TP	1457261.01	1530835.00	5300.40
368	TP	1457192.53	1530792.39	5300.46
369	TP	1457296.81	1530887.92	5300.72
370	TP	1457295.51	1530862.31	5300.63
371	TP	1457283.22	1530877.81	5300.45

POINT TABLE				
#	DESC	NORTHING	EASTING	ELEVATION
372	TP	1457167.58	1531059.02	5299.63
373	TP	1457149.36	1531045.24	5299.34
374	TP	1457261.26	1530856.73	5300.23
375	TP	1457244.24	1530861.86	5300.03
376	TP	1457254.81	1530844.92	5300.33
377	TP	1457186.22	1530802.25	5300.25
378	TP	1457224.12	1530877.47	5299.94
379	TP	1457228.69	1530900.00	5299.63
380	TP	1457222.02	1530908.34	5299.50
381	TP	1457202.78	1530911.79	5299.52
382	TP	1457177.26	1530867.73	5299.80
383	TP	1457192.24	1530877.02	5299.75
384	TP	1457188.15	1530883.54	5299.63
385	TP	1457173.16	1530874.28	5299.71
387	TP	1457158.44	1530931.42	5299.08
389	TP	1457154.40	1530938.03	5299.08
397	TP	1457189.83	1530932.63	5299.25
398	TP	1457189.93	1530951.24	5299.07
399	TP	1457183.62	1530959.42	5298.90
400	TP	1457169.74	1530965.06	5298.98
401	TP	1457148.74	1530981.78	5298.66
402	TP	1457151.33	1531001.96	5298.54
403	TP	1457144.62	1531010.86	5298.44
405	TP	1457252.65	1530438.67	5303.65
406	TP	1457239.40	1530459.87	5303.55
407	TP	1457359.72	1530505.13	5303.70
408	TP	1457349.98	1530520.86	5303.41
409	TP	1457332.65	1530543.91	5303.00
410	TP	1457314.17	1530573.63	5302.64
411	TP	1457298.92	1530597.86	5302.46
412	TP	1457289.77	1530612.58	5302.36
413	TP	1457305.46	1530598.85	5302.60
414	TP	1457318.32	1530578.52	5302.68
415	TP	1457339.34	1530544.55	5303.05
416	TP	1457351.86	1530524.28	5303.34
417	TP	1457279.93	1530526.51	5303.07
418	TP	1457275.94	1530532.95	5302.91
419	TP	1457294.92	1530535.89	5303.19
420	TP	1457290.91	1530542.37	5303.12
421	TP	1457257.32	1530494.22	5303.42
422	TP	1457237.00	1530527.02	5302.94
423	TP	1457234.52	1530509.49	5302.98
424	TP	1457240.80	1530499.50	5303.14
425	TP	1457222.56	1530449.34	5303.58
426	TP	1457198.72	1530487.53	5303.11
427	TP	1457215.49	1530498.17	5302.89
428	TP	1457191.01	1530498.89	5302.88
429	TP	1457167.68	1530536.68	5302.51
430	TP	1457161.48	1530546.66	5302.45
431	TP	1457283.58	1530622.63	5302.30
432	TP	1457278.00	1530642.84	5302.09
433	TP	1457265.49	1530663.39	5301.92
434	TP	1457244.51	1530697.16	5301.53
435	TP	1457231.63	1530717.84	5301.29
436	TP	1457210.52	1530751.66	5300.92
437	TP	1457490.03	1530632.47	5303.80
438	TP	1457376.09	1530783.12	5301.83
439	TP	1457232.13	1530973.41	5300.12
440	TP	1457306.18	1530471.92	5303.52
441	TP	1457228.72	1530574.63	5302.55
442	TP	1457222.53	1530584.64	5302.37
443	TP	1457405.96	1530534.06	5303.64
444	TP	1457342.10	1530645.26	5302.46
445	TP	1457335.84	1530655.22	5302.35
448	TP	1457224.14	1530812.05	5300.41
449	TP	1457220.51	1530823.59	5300.29
450	TP	1457160.10	1530616.75	5301.68
451	TP	1457175.12	1530626.22	5301.68
452	TP	1457171.20	1530632.75	5301.64
453	TP	1457156.17	1530623.34	5301.66
454	TP	1457206.05	1530645.41	5301.77
455	TP	1457221.01	1530654.78	5301.79
456	TP	1457201.95	1530652.03	5301.67
457	TP	1457217.08	1530661.26	5301.69
458	TP	1457172.20	1530699.74	5301.08
459	TP	1457187.26	1530709.14	5301.15
460	TP	1457168.17	1530706.22	5301.02
461	TP	1457183.21	1530715.62	5300.98
467	TP	1457182.21	1530785.93	5300.36
468	TP	1457197.98	1530772.13	5300.58

POINT TABLE				
#	DESC	NORTHING	EASTING	ELEVATION
470	TP	1457175.94	1530795.85	5300.27
471	TP	1457170.48	1530816.14	5300.09
472	TP	1457157.70	1530836.67	5299.88
513	TP	1457174.62	1530389.98	5303.72
514	TP	1457161.36	1530411.16	5303.37
515	TP	1457175.90	1530420.24	5303.56
516	TP	1457152.55	1530457.78	5303.13
518	TP	1457144.94	1530470.39	5302.98
766	TP	1457293.24	1530400.49	5304.31
767	TP	1457294.83	1530401.76	5304.25
768	TP	1457510.26	1530540.85	5304.44
769	TP	1457512.46	1530577.21	5304.37
770	TP	1457514.04	1530578.40	5304.43
771	TP	1457371.45	1530483.27	5303.73
772	TP	1457372.38	1530483.86	5303.72
773	TP	1457358.43	1530504.27	5303.55
780	TP	1457334.26	1530566.01	5302.91
781	TP	1457260.03	1530683.71	5301.62
782	TP	1457226.08	1530738.21	5301.04
783	TP	1457152.41	1530856.63	5299.64
797	TP	1457187.37	1530494.08	5302.86
798	TP	1457150.71	1530472.23	5302.96
799	TP	1457171.89	1530518.55	5302.60
802	TP	1457147.10	1530558.52	5302.08

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JULY 13, 2021
PROFESSIONAL ENGINEER

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Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

ISSUES:
ISSUE 01 - ISSUE FOR BID

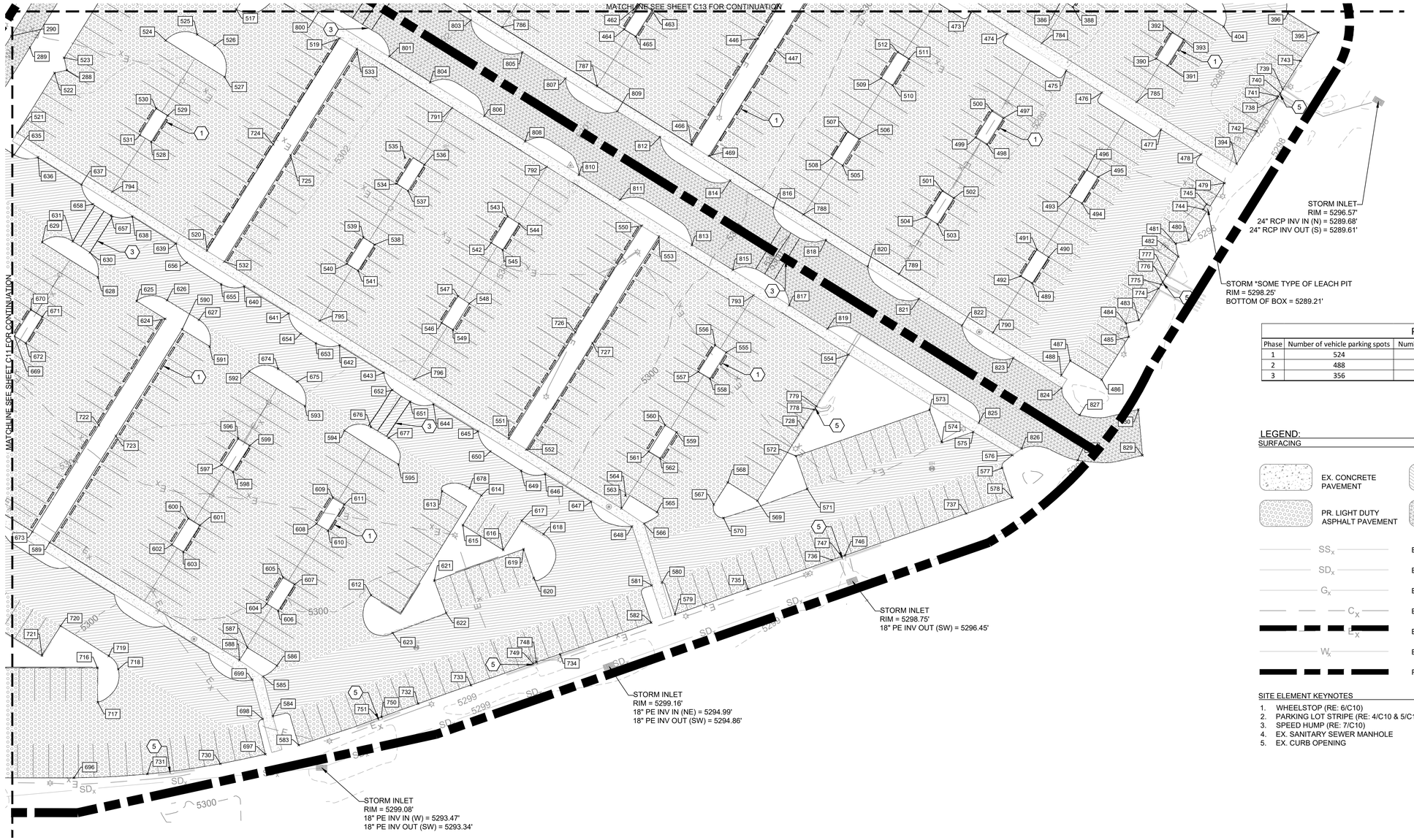
REVISIONS:

SHEET CONTENTS:
PAVING & GRADING PLAN

SHEET NUMBER:

C14

SHT: 15 OF: 18 TOTAL: 18



Parking stiping quantity table	
Phase	Total length of parking striping (ft)
1	10158
2	9351
3	7347

Parking count table			
Phase	Number of vehicle parking spots	Number of handicapped parking spots	Number of motorcycle parking spots
1	524	8	7
2	488	0	0
3	356	19	0

LEGEND:

SURFACING

- EX. CONCRETE PAVEMENT
- PR. MEDIUM DUTY ASPHALT PAVEMENT
- PR. LIGHT DUTY ASPHALT PAVEMENT
- PR. HEAVY DUTY ASPHALT PAVEMENT
- SS_x EXISTING UNDERGROUND SANITARY SEWER LINE
- SD_x EXISTING UNDERGROUND STORM SEWER LINE
- G_x EXISTING UNDERGROUND GAS LINE
- C_x EXISTING UNDERGROUND COMMUNICATION CABLE
- E_x EXISTING UNDERGROUND ELECTRICAL CABLE
- W_x EXISTING UNDERGROUND WATER LINE
- PHASE LINE

SITE ELEMENT KEYNOTES

1. WHEELSTOP (RE: 6/C10)
2. PARKING LOT STRIPE (RE: 4/C10 & 5/C10)
3. SPEED HUMP (RE: 7/C10)
4. EX. SANITARY SEWER MANHOLE
5. EX. CURB OPENING

NOTES:

1. BEARINGS ARE APPROXIMATE. NEW MEXICO STATE PLANE COORDINATE SYSTEM, NORTH ZONE GRID, NAD83.
2. COORDINATE ALL PAVEMENT DETAILS TO GEOTECHNICAL ENGINEER AND SITE SPECIFIC INVESTIGATION REPORT PREPARED BY TERRACON, TERRACON PROJECT NUMBER 66205168, DATED FEBRUARY 24, 2021.
3. COMPLETELY REMOVE ASPHALT PAVEMENT AND SUBGRADE TO A DEPTH DETERMINED BY THE GEOTECHNICAL ENGINEER.
4. CITY OF THE ALBUQUERQUE ZONING IS PLANNED COMMUNITY (PC).
5. EXISTING UTILITY LINES SHOWN ARE APPROXIMATE ONLY BASED ON JACOBS SURVEY DATED 4/13/2021 TO 4/19/2021.
6. PROMPTLY INFORM THE ENGINEER OF ANY DISCREPANCY DISCOVERED OR CONFLICT BETWEEN THE DRAWINGS OR SPECIFICATIONS.
7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
8. PARKING SPACES ARE SHOWN AS 9 LF WIDTH AND 20 LF LENGTH. ENGINEER OF RECORD MAY ASSESS LOCAL CONDITIONS FOR SMALLER SPACE CONFIGURATIONS AS ALLOWED BY LOCAL AHJ. GDESIGN MINIMUM SPACE: 9 LF WIDTH;20 LF LENGTH.
9. ALL SITE SIGNAGE AND STRIPING SHALL BE IN ACCORDANCE WITH THE RELEVANT NATIONAL, STATE AND LOCAL JURISDICTIONAL CODES AND REGULATIONS. THIS MAY INCLUDE ADA ACCESSIBILITY GUIDELINES (ADAAG), EUROPEAN ACCESSIBILITY ACT (EAA) STANDARDS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), EUROPEAN STANDARD FOR ROAD MARKINGS (EN 1436). PROJECT SPECIFIC SIGNAGE SHALL BE IN ACCORDANCE WITH SUCH APPLICABLE INSTALLATION AND ACCESSIBILITY CODES AND REGULATIONS.

PAVING NOTES:

1. THE CONTRACTOR SHALL PROVIDE A FULL DEPTH SAW-OUT AND SMOOTH TRANSITION AT CONNECTIONS TO EXISTING PAVEMENT AND CURB.
2. ALL SIDEWALKS, ACCESSIBLE PATHS, AND PARKING SHALL CONFORM TO THE NEW MEXICO A.D.A. TRANSITION PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING COMPLIANCE
3. THE CONTRACTOR SHALL NOT STAND, PARK, DRIVE ON, OR IN ANY WAY DISTURB OR DAMAGE STEEL REINFORCING FOR SITE WORK. ALL REINFORCING SHALL BE INSTALLED WITH CHAIRS PER THE PLANS AND SPECIFICATIONS.
4. SUBGRADE SHALL BE MAINTAINED TO WITHIN THE SPECIFIED REQUIREMENTS OF MOISTURE AND DENSITY UNTIL PAVING IS PLACED. PRIOR TO PLACING PAVEMENT, THE CONTRACTOR SHALL RE-TEST THE AREAS SELECTED BY THE CONSTRUCTION MATERIALS TESTING LAB PERSONNEL AT THE CONTRACTOR'S EXPENSE OR IF REQUESTED BY THE OWNER, ARCHITECT OR ENGINEER, AND IF THE SUBGRADE HAS BEEN PLACED AND ACCEPTED FOR LONGER THAN TEN (10) DAYS AND NO PAVEMENT HAS BEEN CONSTRUCTED.
5. PAVING CONTRACTOR TO VERIFY AND COORDINATE THE INSTALLATION OF ALL SLEEVES UNDER PAVEMENT FOR THE IRRIGATION SYSTEM, IRRIGATION CONTROLS, ELECTRICAL, EXTERIOR SITE LIGHTING AND SIGNAGE, ETC. PRIOR TO THE PLACEMENT OF PAVING.
6. ALL JOINTS ARE TO CONTINUE THROUGH THE CURB.
7. RADIAL JOINTS SHALL BE NO SHORTER THAN 1.5'.
8. CONTRACTOR SHALL AVOID CONSTRUCTING IRREGULAR SHAPED PANELS AN IRREGULAR SHAPED PANEL IS CONSIDERED TO BE ONE IN WHICH THE SLAB TAPERS TO A SHARP ANGLE, WHEN THE LENGTH TO WIDTH RATIO EXCEEDS 3 TO 1, OR WHEN A SLAB IS NEITHER SQUARE NOR RECTANGULAR
9. REFER TO GEOTECHNICAL ENGINEERING REPORT PREPARE BY TERRACON, REPORT NUMBER 66205168, DATED MAY 21, 2021, SECTION 4.3.2, AND NMDOT SPECS FOR PAVEMENT MATERIALS RECOMMENDATIONS. MATERIALS MEETING NMDOT AND COA SP-IV SPECIFICATIONS SHALL BE USE AS ASPHALT PAVEMENT MATERIALS.

EXCAVATION AND GRADING REQUIREMENTS:

1. ALL CONSTRUCTION MATERIALS SHALL CONFORM TO THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, LATEST EDITION DATE JANUARY, 9, 2019 AND SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER. ALL SPECIFICATIONS REFERENCED HEREIN REFER TO THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL UNLESS INDICATED OTHERWISE.
2. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL, THROUGHOUT CONSTRUCTION, IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD, LATEST EDITION) AND THE NEW MEXICO DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL STANDARDS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL SAFETY DURING CONSTRUCTION AND ALL WORK SHALL CONFORM TO PERTINENT SAFETY REGULATIONS AND CODES. THE CONTRACTOR SHALL FENCE AND/OR BARRICADE THE CONSTRUCTION AREA AS REQUIRED TO PROTECT ADJACENT SITES, VEHICULAR TRAFFIC AND PEDESTRIAN TRAFFIC. THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE PROVISIONS OF OSHA AND NRS CHAPTER 618, IN THE CONSTRUCTION PRACTICES FOR ALL EMPLOYEES DIRECTLY ENGAGED IN THE CONSTRUCTION OF SAID PROJECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND/OR PROTECTION OF ALL EXISTING AND PROPOSED PIPING, UTILITIES, STRUCTURES ADJACENT TO STREETS AND ALL OTHER EXISTING IMPROVEMENTS.
5. THE CONTRACTOR SHALL INCORPORATE ADEQUATE DRAINAGE PROCEDURES DURING THE CONSTRUCTION PROCESS TO ELIMINATE EXCESSIVE PONDING AND/OR EROSION. THE CONTRACTOR SHALL ALSO INSTALL EROSION AND RUN-OFF CONTROL MEASURES AT PUBLIC ROADS AND DRAINAGE WAYS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE SITE IN A NEAT AND ORDERLY MANNER THROUGHOUT THE CONSTRUCTION PROCESS. ALL MATERIALS SHALL BE STORED WITHIN APPROVED CONSTRUCTION AREAS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR CLEANING OF ALL MUD, DIRT, DEBRIS, ETC. FROM ANY AND ALL ADJACENT STREETS AND SIDEWALKS.
8. NO MATERIALS OF ANY KIND SHALL BE STOCKPILED OR CONSTRUCTION EQUIPMENT PARKED ON CONCRETE OR ASPHALT SURFACES.
9. CONSTRUCTION OF STREET IMPROVEMENTS MUST ALLOW FOR THE PERPETUATION OF ALL EXISTING LEGAL ACCESSES AND EXISTING DRIVEWAYS.
10. INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE UNIFORM ADMINISTRATIVE CODE 2020 EDITION.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LAYOUTS OF LINES AND GRADES PROVIDED BY A NEW MEXICO LICENSED SURVEYOR.

EARTH WORK REQUIREMENTS:

1. CLEARING AND GRUBBING, SUB-GRADE PREPARATION AND EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE REQUIREMENTS.
2. CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES WITHIN THE CONSTRUCTION AREA UNTIL NEW DRAINAGE IMPROVEMENTS ARE IN PLACE AND FUNCTIONING.
3. NO FENCE OR OTHER OBSTRUCTION WHICH INTERFERES WITH DISCHARGE SHALL BE CONSTRUCTED WITHIN THE DRAINAGE OR STORM DRAIN EASEMENTS. ALL EXCESS OR UNSUITABLE MATERIAL SHALL BE DISPOSED OF IN ACCORDANCE WITH THE LATEST CITY OF ALBUQUERQUE REGULATIONS.

PLAN TRUE

KEY PLAN

0 15 30 60

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C15

SHT: 16 OF: 18 TOTAL: 18

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#	DESC	NORTHING	EASTING	ELEVATION
288	TP	1457102.99	1530351.45	5303.10
289	TP	1457116.10	1530330.21	5303.39
290	TP	1457122.64	1530319.62	5303.61
386	TP	1457143.46	1530922.14	5299.14
388	TP	1457139.26	1530928.59	5299.12
390	TP	1457109.60	1530976.50	5298.52
391	TP	1457105.56	1530982.88	5298.45
392	TP	1457124.56	1530985.67	5298.53
393	TP	1457120.50	1530992.19	5298.42
394	TP	1457049.12	1531022.53	5298.39
395	TP	1457124.68	1531069.47	5298.87
396	TP	1457135.62	1531051.96	5299.17
404	TP	1457128.00	1531015.12	5298.32
446	TP	1457121.09	1530747.95	5300.36
447	TP	1457114.84	1530757.90	5300.28
462	TP	1457141.36	1530680.52	5301.09
463	TP	1457137.28	1530687.16	5301.00
464	TP	1457126.45	1530671.24	5301.13
465	TP	1457122.33	1530677.83	5300.99
466	TP	1457059.97	1530709.98	5300.44
469	TP	1457053.77	1530719.88	5300.31
473	TP	1457136.65	1530870.50	5299.51
474	TP	1457123.85	1530890.88	5299.35
475	TP	1457102.80	1530924.79	5298.99
476	TP	1457090.12	1530945.22	5298.62
477	TP	1457068.95	1530979.09	5298.20
478	TP	1457054.66	1531002.14	5298.67
479	TP	1457038.17	1531015.60	5298.55
480	TP	1457005.23	1530995.10	5298.05
481	TP	1457003.41	1530987.58	5297.99
482	TP	1456995.89	1530989.10	5297.85
483	TP	1456959.40	1530966.45	5297.92
484	TP	1456957.61	1530959.11	5297.94
485	TP	1456949.92	1530960.71	5298.05
486	TP	1456925.29	1530945.13	5298.67
487	TP	1456936.10	1530927.10	5298.74
488	TP	1456927.69	1530921.97	5298.78
489	TP	1456980.73	1530905.32	5298.48
490	TP	1456995.63	1530914.66	5298.45
491	TP	1456999.91	1530908.00	5298.63
492	TP	1456984.81	1530898.74	5298.60
493	TP	1457030.47	1530926.85	5298.64
494	TP	1457026.54	1530933.87	5298.52
495	TP	1457041.65	1530943.09	5298.58
496	TP	1457045.67	1530936.63	5298.51
497	TP	1457075.38	1530888.73	5299.02
498	TP	1457060.46	1530879.44	5299.04
499	TP	1457064.50	1530872.98	5299.09
500	TP	1457079.52	1530882.27	5299.12
501	TP	1457033.61	1530853.78	5299.14
502	TP	1457029.50	1530860.28	5299.08
503	TP	1457014.59	1530850.99	5299.08
504	TP	1457018.72	1530844.41	5299.18
505	TP	1457048.22	1530796.51	5299.66
506	TP	1457063.38	1530805.94	5299.69
507	TP	1457067.59	1530799.56	5299.82
508	TP	1457052.49	1530790.18	5299.75
509	TP	1457098.40	1530818.66	5299.72
510	TP	1457094.31	1530825.15	5299.64
511	TP	1457109.41	1530834.53	5299.62
512	TP	1457113.32	1530828.09	5299.66
517	TP	1457137.87	1530448.62	5303.00
519	TP	1457121.31	1530507.98	5302.48
520	TP	1456999.26	1530431.87	5301.93
521	TP	1457066.97	1530323.04	5302.75
522	TP	1457101.35	1530344.39	5303.17
523	TP	1457110.11	1530349.85	5303.18
524	TP	1457120.08	1530408.11	5303.18
525	TP	1457123.40	1530426.27	5303.14
526	TP	1457117.28	1530436.24	5302.93
527	TP	1457099.08	1530441.97	5302.69
528	TP	1457061.86	1530399.86	5302.55
529	TP	1457076.85	1530409.24	5302.66
530	TP	1457080.93	1530402.71	5302.72
531	TP	1457065.78	1530393.33	5302.68
532	TP	1456993.08	1530441.81	5301.88
533	TP	1457115.24	1530517.78	5302.28
534	TP	1457037.80	1530540.75	5301.74
535	TP	1457052.68	1530545.43	5301.79
536	TP	1457048.66	1530556.54	5301.70

POINT TABLE				
#	DESC	NORTHING	EASTING	ELEVATION
537	TP	1457033.65	1530547.20	5301.65
538	TP	1457002.73	1530527.94	5301.68
539	TP	1457006.90	1530521.58	5301.78
540	TP	1456991.82	1530512.17	5301.60
541	TP	1456987.90	1530518.55	5301.61
542	TP	1457003.86	1530594.94	5301.13
543	TP	1457018.97	1530604.33	5301.05
544	TP	1457014.84	1530610.91	5301.08
545	TP	1456999.82	1530601.50	5301.05
546	TP	1456958.00	1530566.54	5301.07
547	TP	1456973.22	1530575.91	5301.08
548	TP	1456968.98	1530582.34	5301.04
549	TP	1456953.92	1530572.99	5300.98
550	TP	1457013.65	1530681.28	5300.42
551	TP	1456891.40	1530605.04	5300.44
552	TP	1456885.17	1530614.99	5300.40
553	TP	1457007.50	1530691.11	5300.26
554	TP	1456939.75	1530799.88	5299.03
555	TP	1456940.91	1530729.70	5299.65
556	TP	1456945.02	1530723.37	5299.67
557	TP	1456929.90	1530713.77	5299.62
558	TP	1456925.99	1530720.42	5299.62
559	TP	1456895.13	1530701.17	5299.78
560	TP	1456899.16	1530694.69	5299.75
561	TP	1456884.10	1530685.33	5299.76
562	TP	1456880.17	1530691.88	5299.61
563	TP	1456851.36	1530669.64	5299.78
564	TP	1456858.73	1530671.97	5299.70
565	TP	1456849.25	1530689.96	5299.49
566	TP	1456842.65	1530682.59	5299.64
567	TP	1456853.56	1530722.56	5299.58
568	TP	1456866.26	1530730.64	5299.57
569	TP	1456855.80	1530747.60	5299.37
570	TP	1456845.90	1530728.17	5299.49
571	TP	1456862.57	1530776.19	5299.51
572	TP	1456881.45	1530769.76	5299.45
573	TP	1456907.90	1530846.40	5299.94
574	TP	1456889.32	1530853.40	5299.85
575	TP	1456895.34	1530871.42	5299.80
576	TP	1456882.02	1530894.02	5299.56
577	TP	1456874.62	1530888.07	5299.69
578	TP	1456857.62	1530893.79	5299.55
579	TP	1456790.48	1530700.33	5299.48
580	TP	1456808.79	1530692.83	5299.75
581	TP	1456807.14	1530686.99	5299.72
582	TP	1456785.82	1530686.68	5299.51
583	TP	1456715.50	1530484.48	5299.40
584	TP	1456732.05	1530469.60	5299.58
585	TP	1456754.91	1530464.00	5299.54
586	TP	1456761.09	1530472.00	5299.62
587	TP	1456771.45	1530455.07	5299.86
588	TP	1456764.23	1530450.44	5300.05
589	TP	1456831.88	1530341.60	5300.53
590	TP	1456954.10	1530417.58	5301.52
591	TP	1456944.43	1530433.33	5301.35
592	TP	1456930.08	1530456.15	5301.29
593	TP	1456910.15	1530488.05	5300.81
594	TP	1456896.08	1530510.75	5300.76
595	TP	1456876.73	1530541.66	5300.48
596	TP	1456891.36	1530449.69	5300.88
597	TP	1456876.40	1530440.29	5300.72
598	TP	1456872.37	1530446.79	5300.70
599	TP	1456887.32	1530456.30	5300.78
600	TP	1456845.56	1530421.16	5300.50
601	TP	1456841.54	1530427.67	5300.46
602	TP	1456830.51	1530411.72	5300.32
603	TP	1456826.44	1530418.28	5300.26
604	TP	1456796.67	1530466.09	5299.92
605	TP	1456811.66	1530475.52	5300.13
606	TP	1456792.64	1530472.66	5299.84
607	TP	1456807.69	1530482.06	5300.13
608	TP	1456842.54	1530494.70	5300.35
609	TP	1456857.51	1530504.05	5300.48
610	TP	1456838.61	1530501.26	5300.24
611	TP	1456853.55	1530510.56	5300.31
612	TP	1456801.49	1530526.04	5299.95
613	TP	1456861.31	1530566.70	5300.35
614	TP	1456858.83	1530589.30	5300.31
615	TP	1456841.82	1530578.65	5300.32
616	TP	1456827.54	1530601.77	5300.19

POINT TABLE				
#	DESC	NORTHING	EASTING	ELEVATION
617	TP	1456844.39	1530612.42	5300.08
618	TP	1456836.61	1530624.95	5299.92
619	TP	1456827.98	1530613.46	5299.88
620	TP	1456811.46	1530619.31	5299.66
621	TP	1456809.90	1530562.29	5299.84
622	TP	1456791.29	1530569.04	5299.74
623	TP	1456779.87	1530538.37	5299.64
624	TP	1456960.24	1530407.88	5301.66
625	TP	1456970.35	1530391.51	5301.64
626	TP	1456970.91	1530408.97	5301.74
627	TP	1456959.68	1530427.27	5301.55
628	TP	1456984.14	1530369.26	5301.78
629	TP	1457004.12	1530337.29	5302.23
630	TP	1456998.27	1530364.67	5301.98
631	TP	1457004.67	1530354.86	5302.10
635	TP	1457054.48	1530321.24	5302.80
636	TP	1457053.05	1530334.95	5302.65
637	TP	1457037.34	1530359.84	5302.44
638	TP	1457019.03	1530389.05	5302.26
639	TP	1457003.44	1530414.11	5302.00
640	TP	1456978.86	1530453.21	5301.70
641	TP	1456963.38	1530478.68	5301.51
642	TP	1456945.06	1530507.93	5301.25
643	TP	1456929.36	1530533.23	5300.91
644	TP	1456911.18	1530561.77	5300.64
645	TP	1456895.66	1530587.29	5300.58
646	TP	1456871.15	1530625.90	5300.10
647	TP	1456855.25	1530652.16	5299.82
648	TP	1456841.06	1530675.68	5299.67
649	TP	1456873.05	1530612.02	5300.18
650	TP	1456884.18	1530594.37	5300.43
651	TP	1456912.70	1530548.40	5300.76
652	TP	1456919.38	1530538.19	5300.82
653	TP	1456946.26	1530494.25	5301.22
654	TP	1456951.73	1530485.66	5301.32
655	TP	1456980.11	1530439.94	5301.64
656	TP	1456992.52	1530420.24	5301.89
657	TP	1457019.58	1530376.74	5302.25
658	TP	1457026.04	1530366.39	5302.37
669	TP	1456950.36	1530321.38	5301.76
670	TP	1456965.37	1530330.77	5301.93
671	TP	1456961.27	1530337.32	5301.79
672	TP	1456946.25	1530327.96	5301.66
673	TP	1456838.02	1530331.71	5300.63
674	TP	1456931.55	1530472.65	5301.12
675	TP	1456924.19	1530483.56	5301.01
676	TP	1456898.13	1530525.96	5300.64
677	TP	1456891.89	1530536.11	5300.56
678	TP	1456863.01	1530582.52	5300.24
696	TP	1456696.69	1530355.48	5299.43
697	TP	1456710.24	1530465.35	5299.35
698	TP	1456730.51	1530463.82	5299.51
699	TP	1456753.05	1530457.77	5299.62
716	TP	1456759.79	1530369.02	5299.89
717	TP	1456740.13	1530369.15	5299.73
718	TP	1456759.10	1530380.95	5299.79
719	TP	1456766.66	1530375.49	5299.74
720	TP	1456783.91	1530347.85	5300.09
721	TP	1456766.96	1530337.18	5300.06
722	TP	1456899.13	1530369.79	5301.15
723	TP	1456892.99	1530379.59	5301.06
724	TP	1457060.34	1530469.83	5302.33
725	TP	1457054.19	1530479.83	5302.24
726	TP	1456952.56	1530643.11	5300.39
727	TP	1456946.33	1530653.05	5300.27
728	TP	1456897.77	1530773.74	5299.12
730	TP	1456704.78	1530439.51	5299.24
731	TP	1456698.91	1530397.67	5299.14
732	TP	1456739.30	1530552.91	5299.28
733	TP	1456749.87	1530583.31	5299.36
734	TP	1456767.67	1530634.49	5299.25
735	TP	1456805.06	1530742.34	5299.21
736	TP	1456821.75	1530790.39	5299.01
737	TP	1456848.44	1530867.34	5299.34
738	TP	1457086.87	1531045.77	5297.32
739	TP	1457092.04	1531049.03	5297.40
740	TP	1457089.74	1531047.58	5297.34
741	TP	1457087.93	1531046.44	5297.32
742	TP	1457067.99	1531034.15	5297.81
743	TP	1457108.36	1531059.25	5298.13

POINT TABLE				
#	DESC	NORTHING	EASTING	ELEVATION
744	TP	1457023.00	1531003.48	5298.28
745	TP	1457026.02	1531005.31	5298.34
746	TP	1456824.34	1530797.83	5299.01
747	TP	1456823.73	1530795.90	5298.99
748	TP	1456763.07	1530620.76	5299.20
749	TP	1456762.41	1530618.96	5299.17
750	TP	1456731.59	1530531.97	5299.13
751	TP	1456730.95	1530530.09	5299.14
774	TP	1456977.69	1530977.86	5297.60
775	TP	1456979.93	1530979.28	5297.68
776	TP	1456981.38	1530980.17	5297.73
777	TP	1456985.03	1530982.40	5297.75
778	TP	1456908.07	1530780.21	5299.00
779	TP	1456910.06	1530781.44	5298.92
784	TP	1457118.52	1530910.85	5299.17
785	TP	1457084.72	1530965.27	5298.31
786	TP	1457127.56	1530601.24	5301.63
787	TP	1457093.75	1530655.73	5301.03
788	TP	1457020.13	1530774.09	5299.63
789	TP	1456985.86	1530828.93	5299.25
790	TP	1456952.20	1530882.80	5298.42
791	TP	1457081.29	1530572.39	5301.78
792	TP	1457047.49	1530626.74	5301.10
793	TP	1456973.72	1530745.35	5299.60
794	TP	1457033.15	1530377.54	5302.38
795	TP	1456959.14	1530496.49	5301.34
796	TP	1456925.41	1530550.60	5300.86
800	TP	1457136.14	1530495.72	5302.77
801	TP	1457110.89	1530536.55	5302.11
803	TP	1457131.79	1530583.24	5302.05
804	TP	1457095.99	1530559.83	5301.83
805	TP	1457113.28	1530612.76	5301.51
806	TP	1457076.69	1530590.94	5301.58
807	TP	1457098.19	1530637.55	5301.33
808	TP	1457062.07	1530614.30	5301.31
809	TP	1457079.38	1530667.30	5301.00
810	TP	1457042.87	1530645.16	5300.93
811	TP	1457028.57	1530668.84	5300.60
812	TP	1457064.63	1530691.70	5300.68
813	TP	1457002.54	1530710.02	5300.20
814	TP	1457039.64	1530732.00	5300.18
815	TP	1456988.26	1530733.58	5299.83
816	TP	1457023.83	1530756.75	5299.76
817	TP	1456967.96	1530765.80	5299.50
818	TP	1457005.54	1530786.92	5299.62
819	TP	1456954.49	1530787.78	5299.27
820	TP	1456990.24	1530810.92	5299.40
821	TP	1456971.69	1530840.31	5299.04
822	TP	1456956.38	1530865.00	5298.72
823	TP	1456937.79	1530894.44	5298.48
824	TP	1456920.56	1530922.09	5298.75
825	TP	1456900.47	1530874.60	5299.62
826	TP	1456885.60	1530899.14	5299.36
827	TP	1456905.00	1530932.48	5298.70
828	TP	1456879.02	1530931.32	5299.04
829	TP	1456881.85	1530968.53	5298.73
830	TP	1456908.18	1530966.20	5298.32

JACOBS®
Jacobs Engineering Group Inc.
Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

DAVID G JOHNSON
NEW MEXICO
21069
JULY 13, 2021
PROFESSIONAL ENGINEER

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

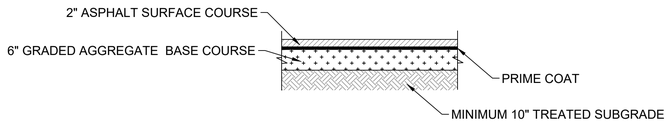
ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
PAVING & GRADING PLAN

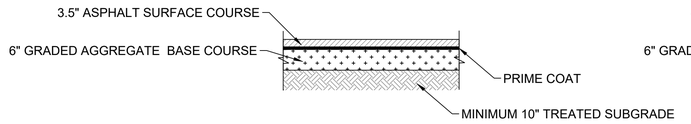
SHEET NUMBER:
C16

SHT: 17 OF: 18 TOTAL: 18



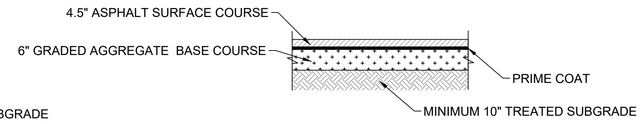
NOTE:
1. ALL PAVEMENT COURSES TO MEET MINIMUM REQUIREMENTS OF LOCAL JURISDICTIONAL STANDARD SPECIFICATIONS.
2. INSTALL 2" SURFACE COURSE TO FINAL SURFACE GRADE. MILL AND REPLACE 2" SURFACE AT COMPLETION OF ALL CONSTRUCTION ACTIVITY.
3. PAVEMENT SECTION PER THE GEOTECHNICAL ENGINEERING REPORTS.
4. THE FINAL PAVING SHALL BE EVEN WITH TOP OF GUTTER.

1 C17 ASPHALT PAVEMENT - LIGHT DUTY
NOT TO SCALE



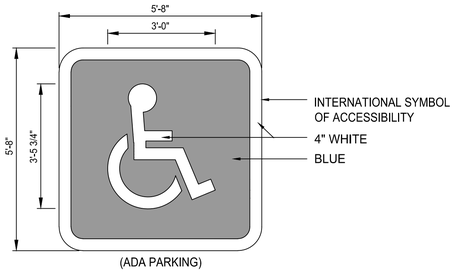
NOTE:
1. ALL PAVEMENT COURSES TO MEET MINIMUM REQUIREMENTS OF LOCAL JURISDICTIONAL STANDARD SPECIFICATIONS.
2. INSTALL 3.5" INTERMEDIATE COURSE TO FINAL SURFACE GRADE. MILL AND REPLACE WITH 3.5" SURFACE AT COMPLETION OF ALL CONSTRUCTION ACTIVITY.
3. PAVEMENT SECTION PER THE GEOTECHNICAL ENGINEERING REPORT.
4. THE FINAL PAVING SHALL BE EVEN WITH TOP OF GUTTER.

2 C17 ASPHALT PAVEMENT - MEDIUM DUTY
NOT TO SCALE

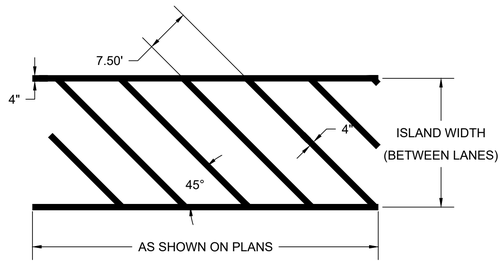


NOTE:
1. ALL PAVEMENT COURSES TO MEET MINIMUM REQUIREMENTS OF LOCAL JURISDICTIONAL STANDARD SPECIFICATIONS.
2. INSTALL 4.5" INTERMEDIATE COURSE TO FINAL SURFACE GRADE. MILL AND REPLACE WITH 4.5" SURFACE AT COMPLETION OF ALL CONSTRUCTION ACTIVITY.
3. PAVEMENT SECTION PER THE GEOTECHNICAL ENGINEERING REPORT.
4. THE FINAL PAVING SHALL BE EVEN WITH TOP OF GUTTER.

3 C17 ASPHALT PAVEMENT - HEAVY DUTY
NOT TO SCALE



NOTE:
1. USE NON-REFLECTIVE YELLOW PAINT (TYP) ON CONCRETE OR OTHER SURFACES WHERE WHITE PAINT DOES NOT PROVIDE SUFFICIENT CONTRAST.
2. COMPLY WITH LOCAL CODES.



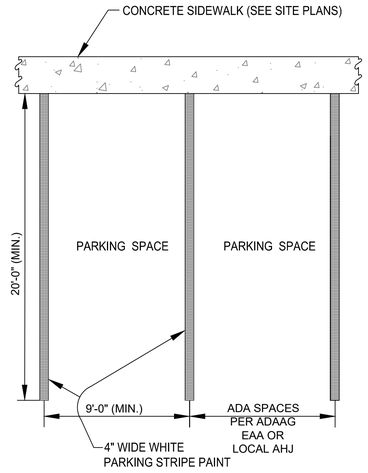
LANE SPLIT PAVEMENT MARKINGS

NOTES:

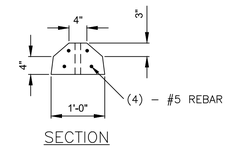
1. PLACE PAVEMENT STRIPING WHERE INDICATED ON THE PLANS AND PER MUTCD OR AHJ REGULATION.
2. PLACE STOP BARS AND CROSSWALKS AS ILLUSTRATED ON PLANS.
3. ALL PAVEMENT MARKINGS SHALL BE PAINTED RETROREFLECTIVE WHITE.

STRIPING: PRIOR TO APPLICATION OF STRIPING PAINT, ASPHALT SURFACES SHOULD BE CLEANED OF MATERIAL THAT WOULD PREVENT ADHERENCE OF PAINT. PAINT SHALL BE APPLIED ONLY TO A DRY SURFACE USING EITHER TEMPLATE OF STRIPING MACHINE; STRIPES SHALL BE 4" WIDE OF UNIFORM WEIGHT WITH NO "SKIPS" OR BARE SPOTS. FINISHED STRIPING SHALL BE APPROVED BY THE ARCHITECT.

4 C17 PARKING LOT PAINTING STANDARDS
NOT TO SCALE



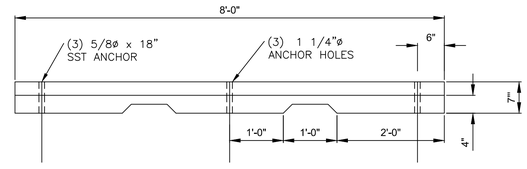
5 C17 VEHICLE SPACE MARKING
NOT TO SCALE



SECTION

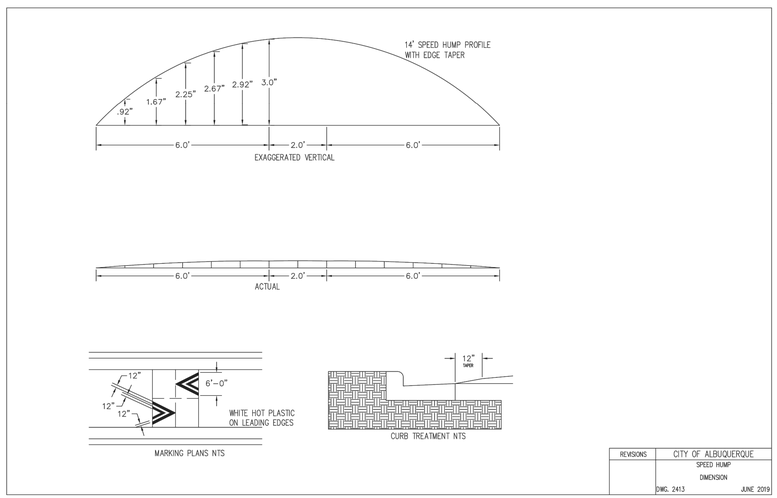
NOTES:

1. 4000 PSI CONCRETE.



ELEVATION

6 C17 CONCRETE WHEELSTOP
NOT TO SCALE



7 C17 SPEED HUMP
NOT TO SCALE

JACOBS
Jacobs Engineering Group Inc.
Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

Digitally signed by Davic G Johnson
Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
ALBUQUERQUE, NM

PROJECT NUMBER:
WFXQ8600
DATE ISSUED:
6/25/2021

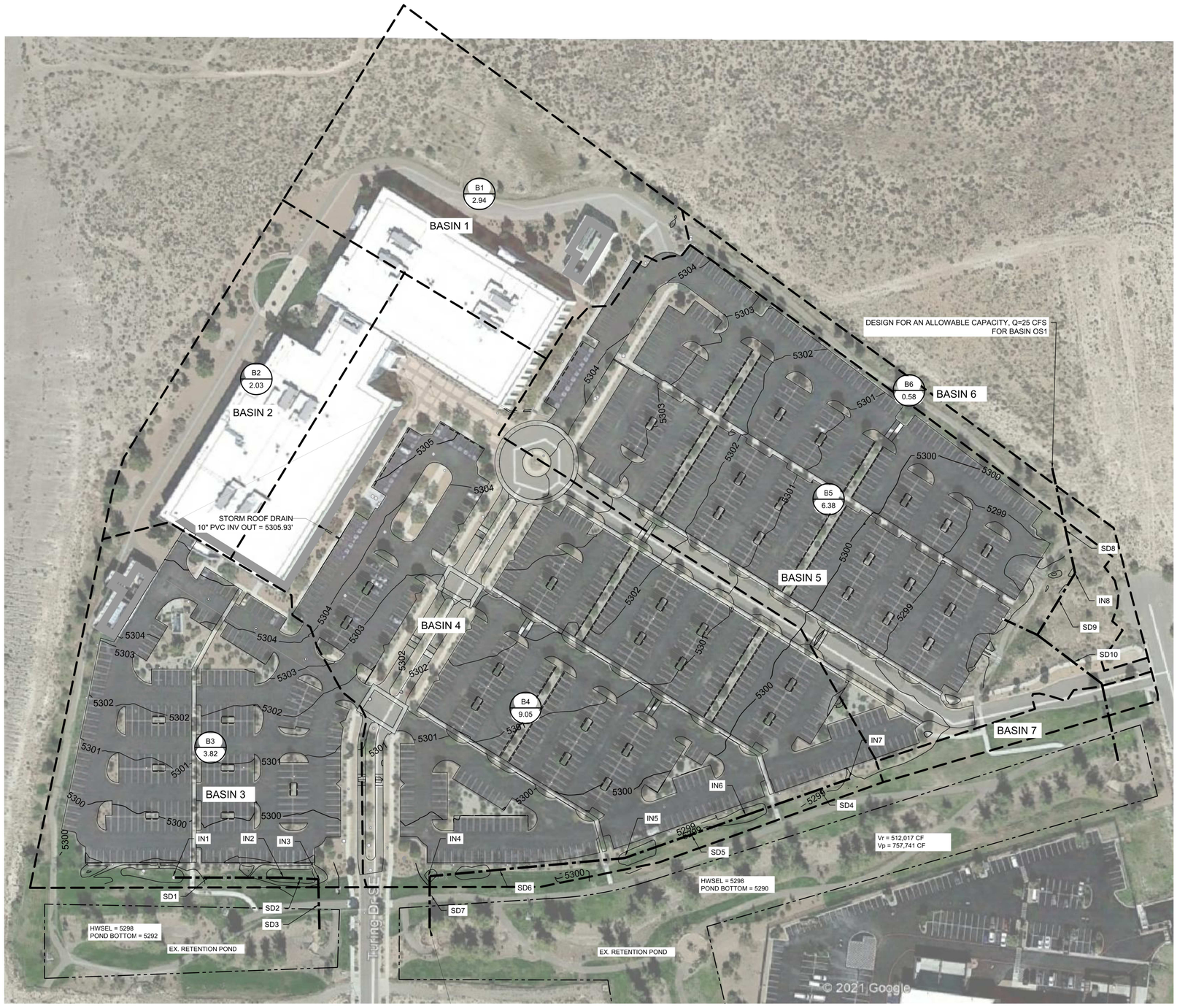
ISSUES:
ISSUE 01 - ISSUE FOR BID

REVISIONS:

SHEET CONTENTS:
PAVING AND GRADING DETAILS

SHEET NUMBER:
C17

SHT: 18 OF: 18 TOTAL: 18



LEGEND:

- DRAINAGE AREA SUBDIVIDED LINE
- BOUNDARY OF EX. RETENTION POND
- EX. STORM DRAIN PIPE

DRAINAGE MANAGEMENT PLAN

I. INTRODUCTION

THE PURPOSE OF THIS SUBMITTAL IS TO PRESENT A CONCEPTUAL GRADING AND DRAINAGE PLAN FOR THE PLANNED RE-PAVING OF THE PARKING LOT AT 5401 WATSON DR. SE. THE INTENT OF THIS PROJECT IS TO REMOVE 12 AC OF EXISTING ASPHALT PAVEMENT AND REPAVE WITH NEW SUBBASE AND ASPHALT TO MATCH EXISTING GRADES AND DRAINAGE PATTERNS. THIS SUBMITTAL IS IN SUPPORT OF A HYDROLOGY REVIEW AND CONSTRUCTION PERMIT.

II. EXISTING HYDROLOGIC CONDITIONS

THE SITE IS APPROXIMATELY 24.8 ACRES AND IS CURRENTLY DEVELOPED. THE LAND SLOPES AT APPROXIMATELY 0.5% TO 1.0% FROM THE WEST TO THE EAST TOWARDS AND SERIES OF EXISTING RETENTION PONDS. THE SITE WAS PREVIOUSLY SUB-DIVIDED INTO MULTIPLE BASINS AND DRAINS BOTH OVERLAND AND THROUGH A SYSTEM OF STORM DRAINS. BASINS 1 AND 2 DRAIN TO WATER HARVESTING AREAS IN THEIR RESPECTIVE BASINS. THE PONDS DRAIN TO THE ONSITE STORM DRAIN SYSTEM. BASIN 5 DRAINS TO A SERIES OF STORM DRAIN INLETS IN THE ONSITE STORM DRIAN SYSTEM BEFORE DISCHARGING TO A REGIONAL RETENTION POND SYSTEM. BASINS 3, 4, AND 7 SURFACE FLOW SOUTH AND OUTFALL DIRECTLY TO THE REGIONAL RENTENTION POND ALONG THE SOUTHERN PROPERTY LINE. BASIN 6 FLOWS ALONG THE NORTHEAST PROPERTY BEFORE DISHCARGING INTO BASIN 5 AND FLOWING TO THE RETENTION POND SYSTEM WITH A PORTION SURFACE FLOWING AND THE OTHER THROUGH THE ONSITE STORM DRAIN SYSTEM. WATER HARVESTING AREAS ARE PRESENT ON THE SITE IN ALL MAJOR MEDIAN AREAS BUT WERE NOT INCLUDED IN THE HYDROLOGIC ANALYSIS OF THE SITE AS TO ACCOUNT FOR ALL DEVELOPED DISCHARGE. THE EXISTING DISCHARGE FOR THE SITE IS 101.5 CFS, AS SHOWN IN DOCUMENTS RELATED TO HYDROTRANS NUMBER R16DA001, WELL BELOW THE ALLOWABLE 110.5 CFS AS SET FORTH IN THE BLOCK DRAINAGE MANAGEMENT PLAN.

III. PROPOSED HYDROLOGIC CONDITIONS

THE PROPOSED RE-PAVING EFFORTS DO NOT CHANGE THE EXISTING PERVIOUS AND IMPERVIOUS AREAS ON SITE. PROPOSED GRADING IS TO MATCH EXISTING, AND THE PROPOSED SURFACE PAVING MATERIAL IS TO MATCH EXISTING. THE INCLUDED CALCULATIONS AND DRAINAGE ANALYSIS ARE BASED ON THE EXISTING GRADE CONDITION, WITH NO MODIFICATIONS TO THE BASIN DRAINAGE PATTERNS AS DESCRIBED IN THE EXISTING CONDITIONS, AND NO MODIFICATIONS TO THE UNDERGROUND STORM DRAIN SYSTEM. THESE CALCULATIONS ARE BASED UPON THE GUIDELINES AND FRAMEOWRK OF THE DEVELOPMENT PROCESS MANUAL (DPM) DATE JUNE 8, 2020. AS IN THE PREVIOUSLY APPROVED ANALYSIS, WATER HARVESTING AREAS LOCATED IN ALL MAJOR MEDIAN AREAS WERE NOT INCLUDED IN THE HYDROLOGIC ANALYSIS OF THE SITE AS TO ACCOUNT FOR ALL DEVELOPED DISCHARGE. PLEASE SEE THE INCLUDED TABLES FOR ALL APPLICABLE COMPUTATIONS. THE TOTAL CALCULATED FLOW FOR THE SITE IS 96 CFS, BELOW THE ALLOWABLE FLOW OF 110.5 CFS AS SET FORTH IN THE BLOCK DRAINAGE MANAGEMENT PLAN.

OFFSITE DRAINAGE

CURRENT DRAINAGE FROM THE NORTH WAS DIVERTED ALONG THE NORTHEAST PROPERTY LINE AND CONTINUING ALONG HISTORIC PATHS TO THE EXISTING RETENTION PONDS.

FLOODPLAIN

FOLLOWING FEMA COMMUNITY MAP PANEL #35001C0363G DATED SEPTEMBER 26, 2008, THE SITE IS NOT LOCATED WITHIN A FLOODPLAIN.

V. CONCLUSION

THE TOTAL FLOW DISCHARGED FROM THE SITE IS APPROXIMATELY 95 CFS WHICH IS LESS THAN THE ALLOWABLE DISCHARGE OF 111 CFS. THESE FLOWS WERE COMPUTED FOLLOWING SECTION 6 & SECTION 22 OF THE DEVELOPMENT PROCESS MANUAL. THIS DRAINAGE MANAGEMENT PLAN IS CAPABLE OF SAFELY PASSING THE 100 YEAR STORM AND MEETS CITY REQUIREMENTS. WITH THIS SUBMITTAL, WE ARE SEEKING CONSTRUCTION PERMIT APPROVAL.

PROPOSED DRAINAGE AREA CALCULATION

DA NAME	AREA (sqft)	AREA (ac)	Land Treatment Zone A	B	C	D	I (in/hr)	Q (cfs)	$V_{(100)}$ (in)	$V_{(100)6hr}$ (CF)	$V_{(100)10day}$ (CF)
1	128066	2.94	0%	80%	0%	20%	4.81	8.09	1.16	12337	15176
2	88427	2.03	0%	60%	0%	40%	4.81	6.39	1.51	11142	15062
3	166399	3.82	0%	10%	0%	90%	4.81	15.78	2.40	33307	49906
4	394218	9.05	0%	10%	0%	90%	4.81	37.39	2.40	78909	118232
5	277913	6.38	0%	15%	0%	85%	4.81	25.73	2.31	53568	79749
6	25265	0.58	0%	100%	0%	0%	4.81	1.37	0.80	1684	1684
7	14375	0.33	0%	80%	0%	20%	4.81	0.91	1.16	1385	1703
Totals								95.66		192332	281513

1. Per Development Process Manual (DPM) Figure 6.1, site is located at percipitation zone 2.
2. Per Development Process Manual (DPM) section 6-2(A)(5), time of concentration (Tc) is 12 minutes.
3. Per Development Process Manual (DPM) Table 6.2.8, 100-yr intensity is 4.81 in/hr.
4. 100-yr runoff coefficient "C" is based on Development Process Manual (DPM) Table 6.2.15.

STORM DRAIN PIPE TABLE

PIPE #	Contributing Basins and Storm Drains	Size in.	Slope	Capacity*cfs	ACTUAL FLOW
PIPES					
SD1	(1/3)B3	18	0.52%	7.57	5.21
SD2	(1/2)B3	18	0.91%	10.02	7.89
SD3	B3	24	1.45%	27.23	15.78
SD4	(1/4)B4	24	0.98%	22.39	9.35
SD5	(1/3)B4	24	0.81%	20.36	12.34
SD6	(1/2)B4	24	1.02%	22.84	18.70
SD7	B4	36	0.97%	65.68	37.39
SD8	OS1	30	0.50%	29.00	25.00
SD9	OS1+(1/8)B5+B6	24	2.00%	31.99	29.58
SD10	OS1+B1+B5+B6	42	0.64%	80.48	60.19

INLET TABLE

INLET #	INLET TYPE	ACTUAL FLOW	AVAIL HEAD FT	CAPACITY CFS
IN1	1-SGL COA TYPE D*	5.21	1.00	11.07
IN2	1-SGL COA TYPE D*	5.21	1.00	11.07
IN3	1-SGL COA TYPE D*	5.21	1.00	11.07
IN4	1-SGL COA TYPE D*	9.35	1.00	11.07
IN5	1-SGL COA TYPE D*	9.35	1.00	11.07
IN6	1-SGL COA TYPE D*	9.35	1.00	11.07
IN7	1-SGL COA TYPE D*	9.35	0.80	9.91
IN8	1-SGL COA TYPE D*	1.37	0.50	7.83

PLAN TRUE

KEY PLAN

0 35 70 140

JACOBS®
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Texas Registered Engineering Firm F-2966
777 Main Street
Fort Worth, TX 76102

DAVID G JOHNSON NEW MEXICO 21069 JULY 13, 2021 PROFESSIONAL ENGINEER

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Date: 2021.07.13 09:53:18-06'00'

Fidelity INVESTMENTS

CORPORATE OFFICE PARKING LOT
5401 WATSON DR SE
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ISSUE 01 - IFC

REVISIONS:

SHEET CONTENTS:
DRAINAGE AREA MAP

SHEET NUMBER:
C18

SHT: ---- OF: 18 TOTAL: 18

FILE INFO:U:\BLDG\WFXQ8600 - Fidelity - ABQ Parking Lot\Design\Sheets\Civil\DA.dwg XREFS:V-SP01; JEG_36x24 TB; C-SP01 MODIFIED: Jul 13, 2021 9:18am PLOTTED: Jul 13, 2021 10:24am BY:CHOWK PLOT SCALE: 1=1