

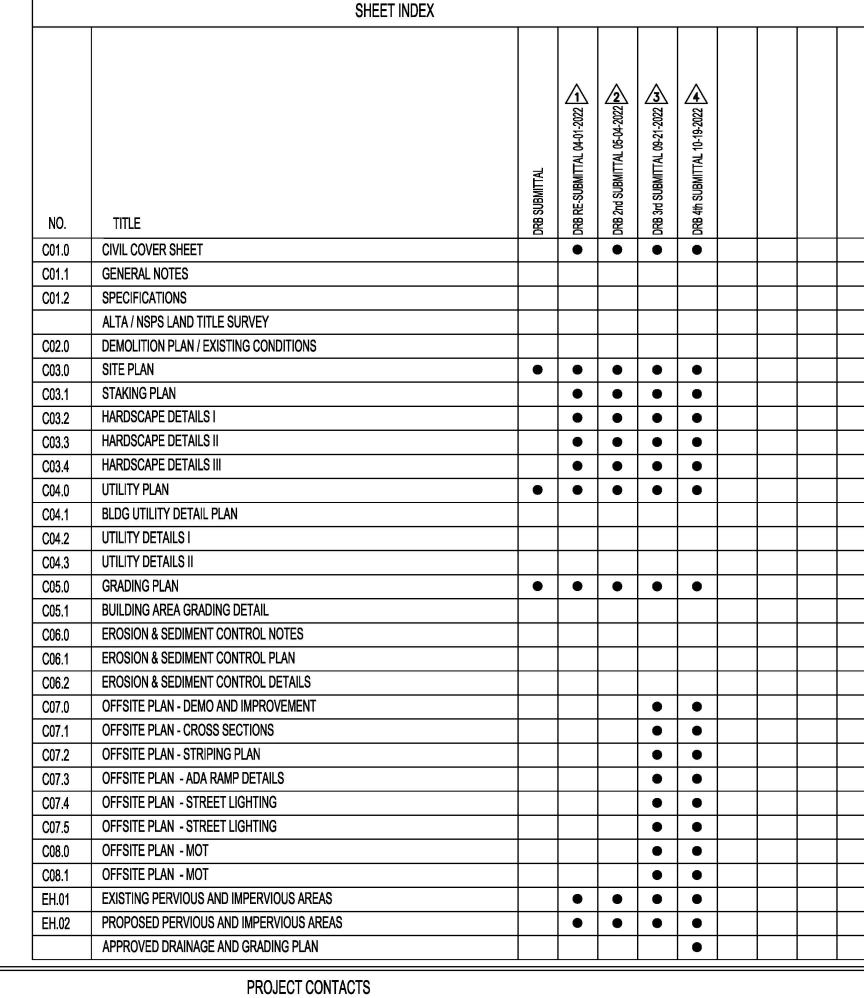


STORE D8582 10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

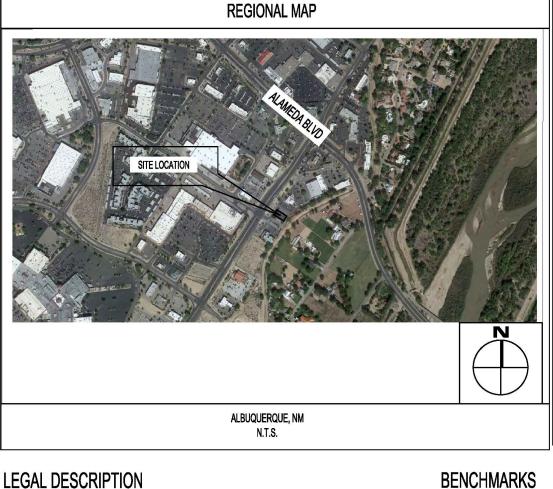


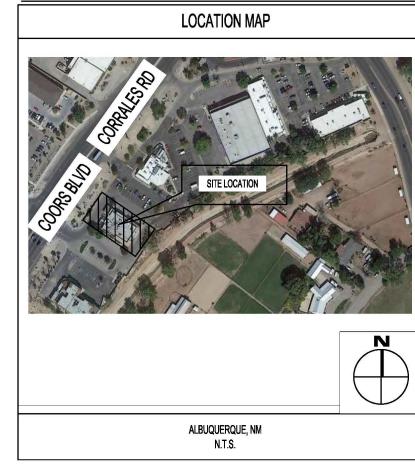
PREPARED FOR: PANDA EXPRESS, INC. 1683 WALNUT GROVE AVE. ROSEMEAD, CALIFORNIA 91770 PHONE: 626.799.9898 FAX: 626.372.8288

PLANNINGDEPARTMENT@CABQ.GOV



DKADELL@CABQ.GOV





LEGAL DESCRIPTION FOR LOT 2A-1. NORTHEAST PORTION OF BLACK RANCH: (AS PROVIDED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY) LOT 2A-1 OF THE NORTHEAST PORTION OF BLACK RANCH, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON MAY 5, 1995, IN VOLUME 95C, FOLIO 164 AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A 1/2" REBAR FOUND FOR THE NORTHWEST CORNER OF SAID LOT 2A-1, A

POINT ON THE EASTERLY RIGHT OF WAY LINE OF COORS BOULEVARD N.W.; THENCE SOUTH 57 DEG. 19'43" E, A MEASURED DISTANCE OF 270.47 FEET (SOUTH 57 DEG. 18'00" EAST 270.70 FEET OF RECORD) TO A 1/2" REBAR FOUND FOR THE NORTHEAST CORNER OF SAID LOT 2A-1, SAID POINT LYING ON THE WESTERLY RIGHT OF WAY LINE OF THE CORRALES ACEQUIA CANAL; THENCE SOUTH 41 DEG. 42'17" WEST ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 52.33 FEET (SOUTH 41 DEG. 41'06" WEST A DISTANCE OF 52.20 FEET OF RECORD) TO A FOUND 1/2" REBAR; THENCE SOUTH 43 DEG. 48'02" WEST, CONTINUING ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 159.71 FEET (SOUTH 41 DEG. 41'06" WEST A DISTANCE OF 159.84 FEET OF RECORD) TO A FOUND 1/2" REBAR; THENCE SOUTH 37 DEG. 22'13"WEST, CONTINUING ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 7.62 FEET (SOUTH 37 DEG. 07'39" WEST A DISTANCE OF 7.59 FEET OF RECORD) TO A 1/2" REBAR FOUND FOR THE SOUTHEAST CORNER OF SAID LOT 2A-1; THENCE NORTH 57 DEG. 18'46"WEST, A MEASURED DISTANCE OF 231.82 FEET (NORTH 57 DEG. 18'00" WEST A DISTANCE OF 231.68 FEET OF RECORD) TO A 5/8" REBAR WITH CAP SET FOR THE SOUTHWEST CORNER OF SAID LOT 2A-1, SAID POINT LIES ON THE EASTERLY RIGHT OF WAY LINE OF COORS BOULEVARD N.W. AND SAID POINT BEARS NORTH 32 DEG. 42'00" EAST A DISTANCE OF 182.23 FEET FROM A 1/2" REBAR FOUND FOR THE SOUTHWEST CORNER OF LOT 1A OF THE SAID NORTHEAST PORTION OF BLACK RANCH; THENCE NORTH 32 DEG. 42'00" EAST, ALONG SAID RIGHT OF WAY, A DISTANCE OF 172.77 FEET TO A FOUND 1/2" REBAR FOR A POINT OF CURVATURE, THENCE A DISTANCE OF 43.16 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 1281.84 FEET, A CENTRAL ANGLE OF 1 DEG. 55'45" AND A CHORD BEARING OF NORTH 33 DEG. 54'17" EAST A DISTANCE OF 43.16 FEET (A DISTANCE OF 43.21 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 1281.84 FEET, A CENTRAL ANGLE OF 1 DEG. 55'53" AND A CHORD BEARING OF NORTH 33 DEG. 40'12" EAST A DISTANCE OF 43.21 FEET OF RECORD) TO THE POINT OF BEGINNING.

TOGETHER WITH

EASEMENTS FOR INGRESS/EGRESS AS SET FORTH IN THE CERTAIN RECIPROCAL EASEMENT AGREEMENT RECORDED IN BOOK MISC. 790A, PAGE 676 AS DOCUMENT NUMBER 89-81278, RECORDS OF BERNALILLO COUNTY, NEW MEX

BASIS OF ELEVATIONS

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THE PREMISES SURVEYED ARE NAD 83 NEW MEXICO CENTRAL ZONE GRID BEARINGS BEING BASED ON A LINE BETWEEN THE AGRS CONTROL STATIONS LISTED ABOVE BEARING = N34°50'06"E.

BENCHMARKS SITE BENCH MARK 1:

NEW MEXICO STATE HIGHWAY CONTROL STATION "NM448-N12" DATA FOUND STANDARD BRASS DISC NAD 83 NEW MEXICO CENTRAL ZONE STATE PLANE COORDINATES NORTHING: 1,528,973.229 US SURVEY FEET EASTING: 1,521,354.471 US SURVEY FEET ELEV. = 5,026.132 US SURVEY FEET (NAVD 1988) SITE BENCH MARK 2: AGRS STATION "8-B14 2003" DATA FOUND STANDARD 3 1 INCH ALUMINUM DISC NAD 83 NEW MEXICO CENTRAL ZONE STATE PLANE COORDINATES

NORTHING: 1,528,602.961 US SURVEY FEET EASTING: 1,521,096.792 US SURVEY FEET ELEV. = 5,025.358 US SURVEY FEET (NAVD 1988)

FLOODPLAIN STATEMENT

AREA LIES WITHIN FLOOD ZONE X (OTHER AREAS). AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN ACCORDING TO THE FLOOD INSURANCE RATE MAP PER FIRM MARP PANEL 109 OR 825, MAP NO. 35001C0109H, MAP REVISED DATE 08/16/2021, BERNILILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS.

GENERAL NOTES

 CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL INFORMATION FOR FINAL ACCEPTANCE OF WORK BY ALL FEDERAL, STATE, LOCAL, ETC. AGENCIES OR JURISDICTIONS HAVING APPROVAL AUTHORITY OVER WORK. THIS WORK INCLUDES BUT IS NOT LIMITED TO RECORD DRAWINGS, CERTIFICATIONS, INSPECTIONS AND OR REPORTS.

2. SURVEYOR TO OBTAIN CAD FILE FROM ENGINEER AND VERIFY ALL HORIZONTAL CONTROL DIMENSIONING PRIOR TO CONSTRUCTION STAKING. SURVEYOR SHALL VERIFY ALL BENCHMARK, BASIS OF BEARINGS AND DATUM INFORMATION TO ENSURE IMPROVEMENTS WILL BE AT THE SAME HORIZONTAL AND VERTICAL LOCATIONS SHOWN ON THE DESIGN CONSTRUCTION DRAWINGS. PRIOR TO CONSTRUCTION STAKING ANY DISCREPANCY SHALL BE REPORTED TO OWNER AND ENGINEER PRIOR TO CONTINUATION OF ANY FURTHER STAKING OR CONSTRUCTION

BEGINNING WORK AND IS RESPONSIBLE FOR ALL MATERIALS, LABOR, REPAIRS, ETC. TO COMPLETE WORK AND RESTORE AREA TO SAME STATE PRIOR TO STARTING WORK 4. PROPOSED IMPROVEMENTS SHOWN ON THESE PLAN ARE BASED UPON THE PROPOSED IMPROVEMENTS BY OTHERS. PRIOR TO STAKING SURVEYOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL IMPROVEMENTS BY OTHERS AT TIE IN LOCATIONS. VERIFICATION SHALL BE BY LOCATING THE IMPROVEMENTS IN THE FIELD AND / OR CONFIRMING THE HORIZONTAL AND VERTICAL CONTROL OF THE LATEST PLANS BY OTHERS MATCHES THE

3. CONTRACTOR SHALL COORDINATE WORK WITH UTILITY COMPANIES AND CITY PRIOR TO

5. SURVEY PREPARED BY TERRA LAND SURVEYS, LLC. DATED JUNE 2021.

6. ALL WORK WITHIN COORS BLVD (SR448) RIGHT-OF-WAY SHALL BE COORDINATED WITH NMDOT AND REQUIRES A SEPARATE STATE PERMIT. IN ADDITION, A WORK ORDER SHALL BE SUBMITTED TO THE CITY OF ALBUQUERQUE PRIOR TO THE START OF CONSTRUCTION.

PROPOSED IMPROVEMENTS.

. ACCESS TO ENCLOSURE MUST BE MAINTAINED BETWEEN THE HOURS OF 5 AM - 8PM. IF ACCESS IS IMPEDED, OWNER IS SUSCEPTIBLE TO FINES AT THE DISCRETION OF THE CITY OF ALBUQUERQUE SOLID WASTE DEPARTMENT.

SITE ACCESS CONTROL INCLUDING SAFETY FENCES AND TRAFFIC CONTROL, ALL CONSTRUCTION

2. THE CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES FOR FIELD LOCATIONS OF HEIR THE MAINTENANCE AND PRESERVATION OF THESE FACILITIES. ALL UTILITIES SHOWN IN THE

CONSULTANTS, INC. DATED AUGUST 18, 2021.

PANDA EXPRESS STANDARD NOTES

THE GEOTECHNICAL INVESTIGATION PREPARED BY TERRACON CONSULTANTS. INC OF THE CONTRACT DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO TO EXCAVATION, REMEDIATION, DEWATERING, COMPACTION ETC.

TO AVOID UTILITY CONFLICTS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ENSURE 100% COVERAGE OF ALL LANDSCAPED AREAS WITHIN LIMITS OF WORK, INCLUDING POTENTIAL OFFSITE AREAS. COVERAGE SHALL INCLUDE BOTH LANDSCAPING AND IRRIGATION.

CAUTION NOTICE

ALL UTILITY LOCATIONS SHOWN ARE BASED ON MAPS PROVIDED BY THE APPROPRIATE UTILITY COMPANY AND / OR FIELD SURFACE EVIDENCE AT THE TIME OF SURVEY AND IS TO BE CONSIDERED AN APPROXIMATE LOCATION ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE LOCATION OF ALL UTILITIES, PUBLIC OR PRIVATE, WHETHER SHOWN ON THE PLANS OR NOT, PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO INCURRING ANY CONSTRUCTION RELATED COSTS.

WHERE A PROPOSED UTILITY CROSSES AN EXISTING UTILITY, IT IS THE LOCATION OF SUCH EXISTING UTILITY, EITHER THROUGH POTHOLING, OR ALTERNATIVE METHOD. REPORT INFORMATION TO THE ENGINEER PRIOR TO CONSTRUCTION.

ADDITIONAL OR FEWER UTILITIES MAY EXIST THAN SHOWN.

1. A STATE PERMIT AND A WORK ORDER THROUGH THE CITY OF ALBUQUERQUE SHALL BE ACQUIRED BY THE CONTRACTOR FOR ALL WORK THAT IMPACTS NMDOT FACILITIES

MEANS AND METHODS, AND SITE SAFETY ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

FACILITIES PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR PLANS ARE FROM RECORDS OR FIELD OBSERVABLE IN FORMATION LOCATED BY SURVEYOR. ANY UTILITY LOCATIONS SHOWN SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD.

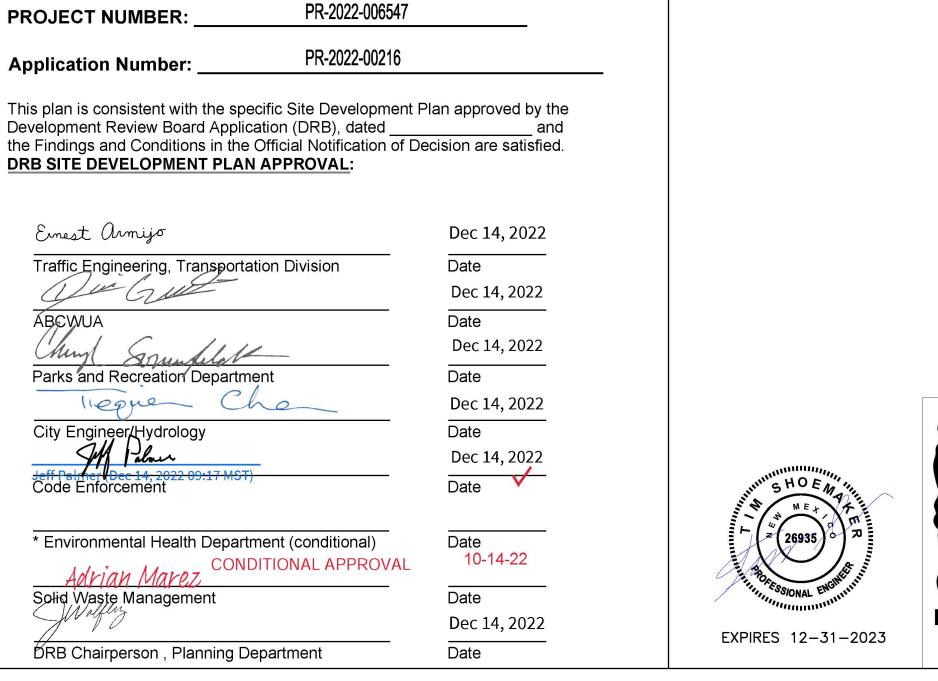
3. PLANS BASED UPON GEOTECHNICAL ENGINEERING REPORT PREPARED BY TERRACON

DATED AUGUST 18, 2021 AND ANY SUBSEQUENT ADDENDUMS IS CONSIDERED PART COORDINATE THE REPORT'S RECOMMENDATIONS AND FINDINGS WITH THE OWNER ENGINEER AND ARCHITECT PRIOR TO CONSTRUCTION. IMPLEMENTATION OF THE REPORT'S RECOMMENDATIONS MAY REQUIRE THE CONTRACTOR TO PERFORM ADDITIONAL WORK NOT SHOWN ON THE CIVIL PLANS INCLUDING BUT NOT LIMITED

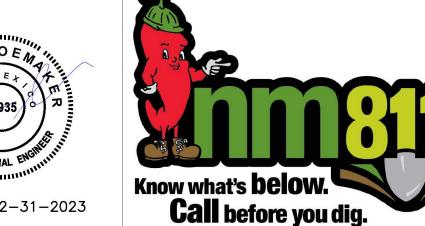
CONTRACTOR SHALL COORDINATE AND VERIFY LOCATION OF ALL SIGNAGE WITH OWNER PRIOR TO CONSTRUCTION. CONTRACTOR SHALL COORDINATE AND ADJUST LOCATION OF LOOP DETECTORS

CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE HORIZONTAL AND VERTICAL

CIVIL ENGINEER RTM ENGINEERING ASSOCIATES DEVELOPER PANDA EXPRESS, INC. LAND SURVEYOR TERRA LAND SURVEYS, LLC ARCHITECT HEIGHTS VENTURE ARCHITECTURE DESIGN TRUSTEE B OF MALASHOCK 1981 AND CONNIE KRALL 1683 WALNUT GROVE AVE. 9225 INDIAN CREEK PARKWAY, SUITE 1075 1111 NORTH LOOP WEST, SUITE 800 TRUSTEE OF THE SMITH 1982 C/O JOHN MALASHOCK OVERLAND PARK, KS 66210 ROSEMEAD, CALIFORNIA 91770 HOUSTON, TEXAS 77008 CORRALES, NM 87048 3663 JACKDAQ ST. PHONE: (626) 799-9898 PHONE: (913) 322-1400 PHONE 713.869.1103 PHONE: (505) 792-0513 SAN DIEGO, CALIFORNIA 92103 ATTN: TIM SHOEMAKER, PE ATTN: ERIC J. ABELN, AIA, NCARB FAX: (626) 372-8288 PHONE: (619) 920-2950 SITE LIGHTING RYAN ZINSELMEIER MUNICIPAL SANITARY SEWER AGENCY MUNICIPAL WATER AGENCY CHRIS GUSTAFON NICK POLCARI CHRIS GUSTAFSON VILLA LIGHTING ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY 414 SILVER AVE. SW. JAMES TURNER ENGINEERS ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY PHONE: (314) 531-2600 ALBUQUERQUE, NM 87102 8340 MEADOW ROAD, SUITE 160 AUTHORITY RYAN.ZINSELMEIER@VILLALIGHTING.COM ONE CIVIC PLAZA N.W., ROOM 5027 PHONE: (888) 245-3659 ONE CIVIC PLAZA N.W., ROOM 502 DALLAS, TX 72531 ALBUQUERQUE, NM 87102 PHONE: (214) 750-2900 ALBUQUERQUE, NM 87102 PHONE: (505) 842-9287 PHONE: (505) 842-9287 CGUSTAFSON@ABCWUA.ORG CGUSTAFSON@ABCWUA.ORG LANDSCAPE ARCHITECT SIGNAGE CINDY - COAST SIGN INC. LT. TOM RUIZ CENTURY LINK COMMUNICATIONS NEW MEXICO GAS COMPANY **BRENNON WILLIAMS** 11500 SUNSET GARDENS SW P.O. BOX 97500 6TH STREET AND GOLD AVENUE STATION 600 SECOND NW (PLAZA DEL SO BUILDING) PHONE: (714) 999-1978 ALBUQUERQUE, NM 87199 PANDAEXPRESS@COASTSIGN.COM ALBUQUERQUE, NM 87121 ALBUQUERQUE, NM 87102 ALBUQUERQUE, NM 87102 PHONE: (505) 398-4278 PHONE: (505) 934-1021 PHONE: (505) 697-4494 PHONE: (505) 924-3860 TRUIZ@CABQ.GOV PLANNINGDEPARTMENT@CABQ.GOV MUNICIPAL BUILDING MUNICIPAL ENGINEERING MUNICIPAL DRAINAGE MUNICIPAL PLANNING & ZONING **BRENNON WILLIAMS** DEAN KADELL MATTHEW GRUSH DEAN KADELL 600 SECOND NW (PLAZA DEL SO BUILDING) ALBUQUERQUE, NM 87102 ALBUQUERQUE, NM 87102 ALBUQUERQUE, NM 87102 ALBUQUERQUE, NM 87102 PHONE: (505) 924-3931 PHONE: (505) 924-3860 MGRUSH@CABQ.GOV PHONE: (505) 924-3931



DKADELL@CABQ.GOV





PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California

Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

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| | | DRB 1st RESUBMITTAL | 04-01- | | |
| / | Λ | DRB Project No. PR-2022-000 | 3547 | | |
| _ | | SI-2022-00216-SITE PLAN | | | |
| | 2 | DRB 2nd RESUBMITTAL | 05-04- | | |
| | 3\ | DRB 3rd RESUBMITTAL | 09-21- | | |
| | 4 | DRB 4th RESUBMITTAL | 10-19- | | |
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| | DRB SUBMITTAL | 12-28-21 |
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PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582 ARCH PROJECT #: D8582



650 E. Algonquin Road Suite 250 Schaumburg, IL 60173 Telephone: (847) 756 - 4180 www.rtmec.com OH Certificate of Authority: 05046

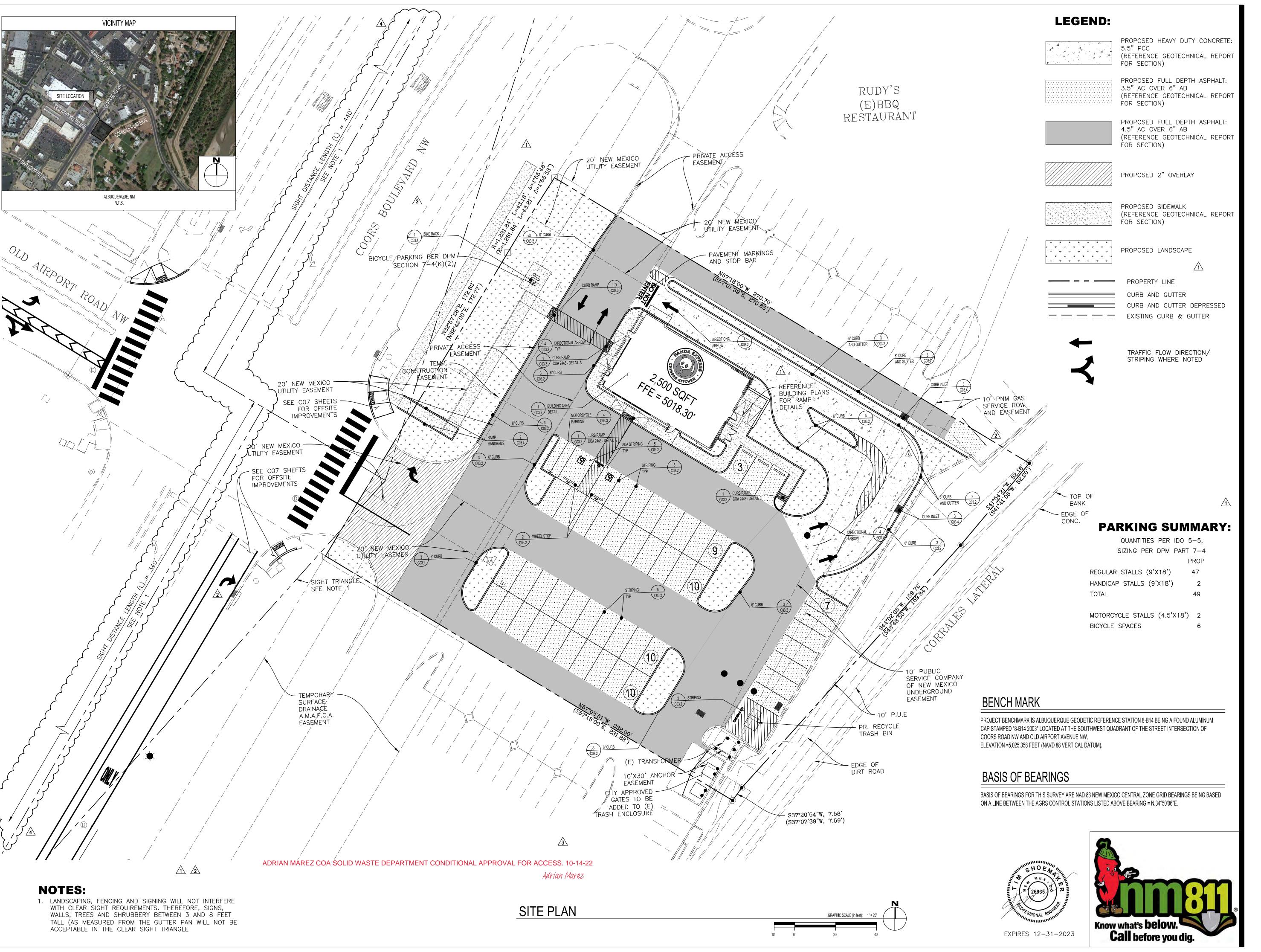
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PANDA EXPRESS

10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

COVER SHEET

SUBMITTAL





Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

DRB 1st RESUBMITTAL DRB Project No. PR-2022-006547 SI-2022-00216-SITE PLAN

DRB 2nd RESUBMITTAL 05-04-22 DRB 3rd RESUBMITTAL DRB 4th RESUBMITTAL

12-28-21

ISSUE DATE:

DRAWN BY:

DRB SUBMITTAL

PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582

ARCH PROJECT #: D8582



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Heights Venture Architecture & Design

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713 869 1103 V

PANDA EXPRESS

2022

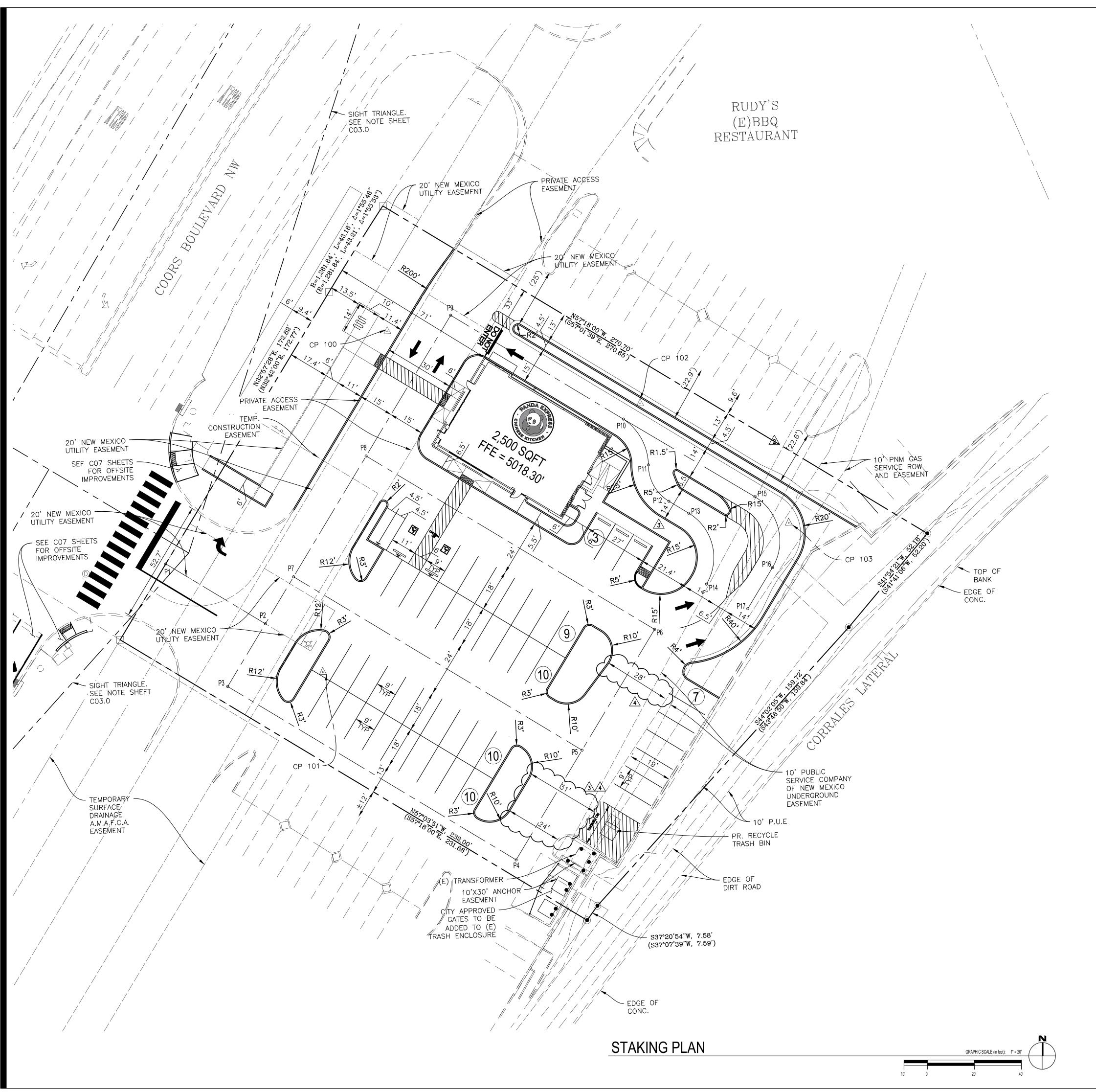
SUBMITTAL

DRB

10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

SITE PLAN

C03.0



STAKING NOTES

- 1. ALL DIMENSIONS ARE MEASURED TO FACE OF CURB UNLESS OTHERWISE NOTED.
- 2. SEE SHEET C01.1 FOR GENERAL PROVISIONS.
- 3. SITE IS PARALLEL AND PERPENDICULAR TO WESTERN PROPERTY LINE.

| CENTERLINE STAKING TABLE | | | | |
|--------------------------|------------|------------|--|--|
| POINT DESC. | NORTH (Y) | EAST (X) | | |
| P-1 | 1528561.91 | 1521225.15 | | |
| P-2 | 1528534.98 | 1521266.69 | | |
| P-3 | 1528508.82 | 1521249.73 | | |
| P-4 | 1528430.84 | 1521370.01 | | |
| P-5 | 1528476.57 | 1521399.65 | | |
| P-6 | 1528526.92 | 1521432.30 | | |
| P-7 | 1528554.55 | 1521279.38 | | |
| P-8 | 1528604.90 | 1521312.02 | | |
| P-9 | 1528663.56 | 1521350.06 | | |
| P-10 | 1528616.87 | 1521422.07 | | |
| P-11 | 1528597.01 | 1521432.07 | | |
| P-12 | 1528581.24 | 1521440.26 | | |
| P-13 | 1528575.87 | 1521448.54 | | |
| P-14 | 1528545.44 | 1521455.03 | | |
| P-15 | 1528581.92 | 1521476.90 | | |
| P-16 | 1528551.49 | 1521483.39 | | |
| P-17 | 1528534.36 | 1521472.28 | | |

| CP TABLE | | | | |
|-------------|-------------|-------------|-----------|--|
| POINT DESC. | NORTH | EAST | ELEVATION | |
| CP 100 | 1528657.663 | 1521322.841 | 5,019.18' | |
| CP 101 | 1528513.564 | 1521290.443 | 5017.86' | |
| CP 102 | 1528623.271 | 1521429.445 | 5,015.53' | |
| CP 103 | 1528570.343 | 1521490.965 | 5,013.60' | |
| CP 104 | 1528513.564 | 1521290.443 | 5,017.86' | |

BENCHMARK NOTES

- 1. REFERENCE ALTA/NSPS LAND TITLE SURVEY BY TERRA LAND SURVEYS, LLC DATED 11/02/2021
- 2. BENCHMARK DESCRIPTION
- PROJECT BENCHMARK IS ALBUQUERQUE GEODETIC REFERENCE STATION 8-B14 BEING A FOUND ALUMINUM CAP STAMPED "8-B14 2003" LOCATED AT THE SOUTHWEST QUADRANT OF THE STREET
- INTERSECTION OF COORS ROAD NW AND OLD AIRPORT AVENUE NW. ELEVATION =5,025.358 FEET (NAVD 88 VERTICAL DATUM).
- 3. BENCHMARKS WILL BE DISTURBED BY CONSTRUCTION TO BE REPLACED PER CITY REQUIREMENTS.







PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California 91770

Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

DRB 1st RESUBMITTAL DRB Project No. PR-2022-006547 SI-2022-00216-SITE PLAN

DRB 2nd RESUBMITTAL DRB 3rd RESUBMITTAL DRB 4th RESUBMITTAL

ISSUE DATE:

| DRB SUBMITTAL | 12-28-21 | |
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DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582 PANDA STORE #:

ARCH PROJECT #: D8582



engineering consultants
650 E. Algonquin Road
Suite 250
Schaumburg, IL 60173
Telephone: (847) 756 - 4180

www.rtmec.com

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Heights Venture ARCHITECTURE CONTROLLER

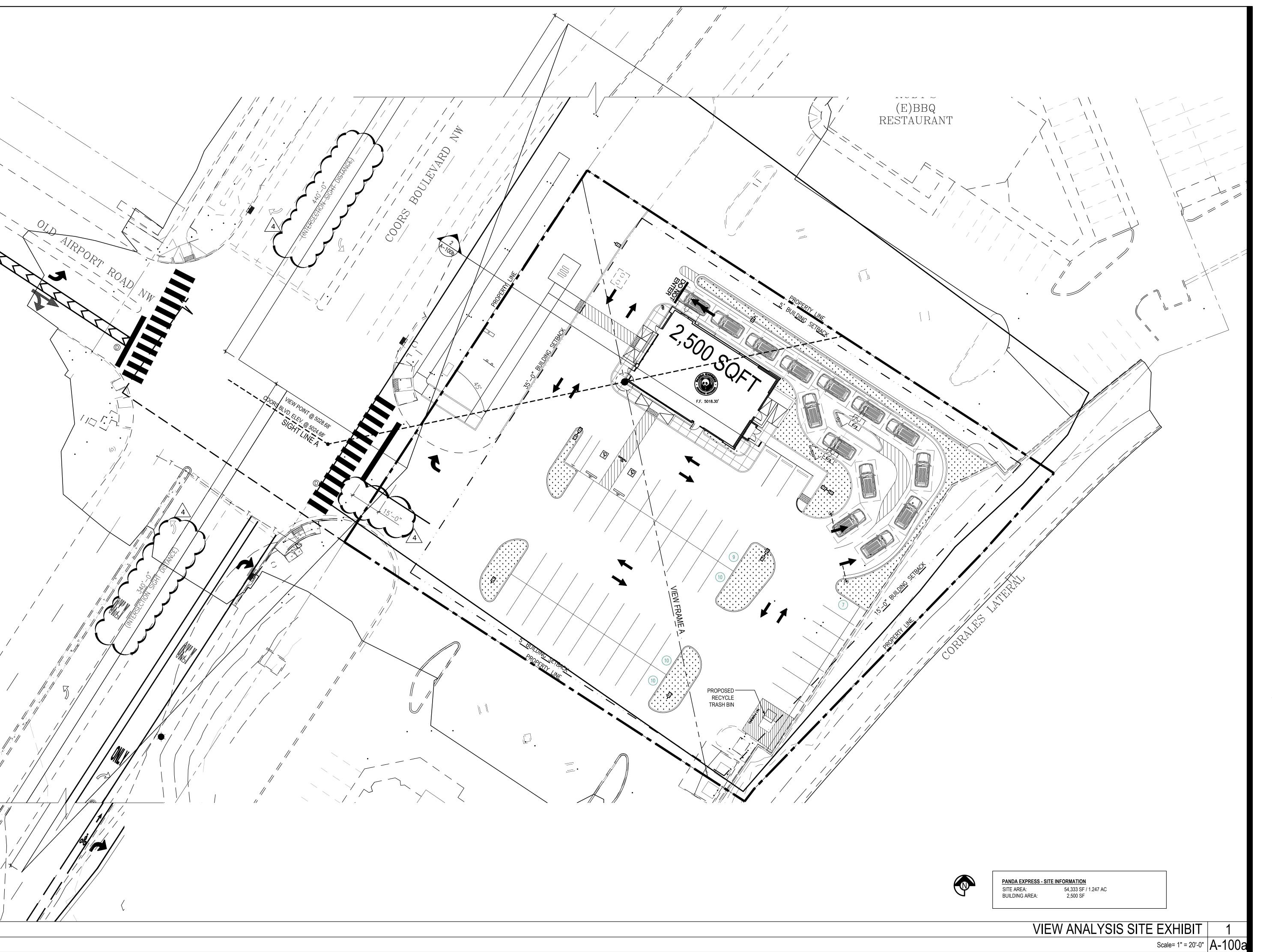
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PANDA EXPRESS

10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

STAKING PLAN

C03.1





Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

| 1 | DRB RESUBMITTAL | 04-06-22 |
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| 2 | DRB 2nd RESUBMITTAL | 05-04-22 |
| 3 | DRB 3rd RESUBMITTAL | 09-21-22 |
| 4 | DRB 4th RESUBMITTAL | 10-19-22 |
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ISSUE DATE:

| DRB SUBMITTAL | 12-28-21 |
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DRAWN BY:

ARCH PROJECT #: 21084

PANDA PROJECT #: S8-22-D8582 PANDA STORE #:

D8582

DAVID S. ROSELIUS

Heights Venture ARCHITECTURE & DESIGN

HOUSTON DALLAS

1111 North Loop West, Suite 800 5741 Legacy Drive, Suite 320

Houston, Texas 77008 Plano, Texas. 75024

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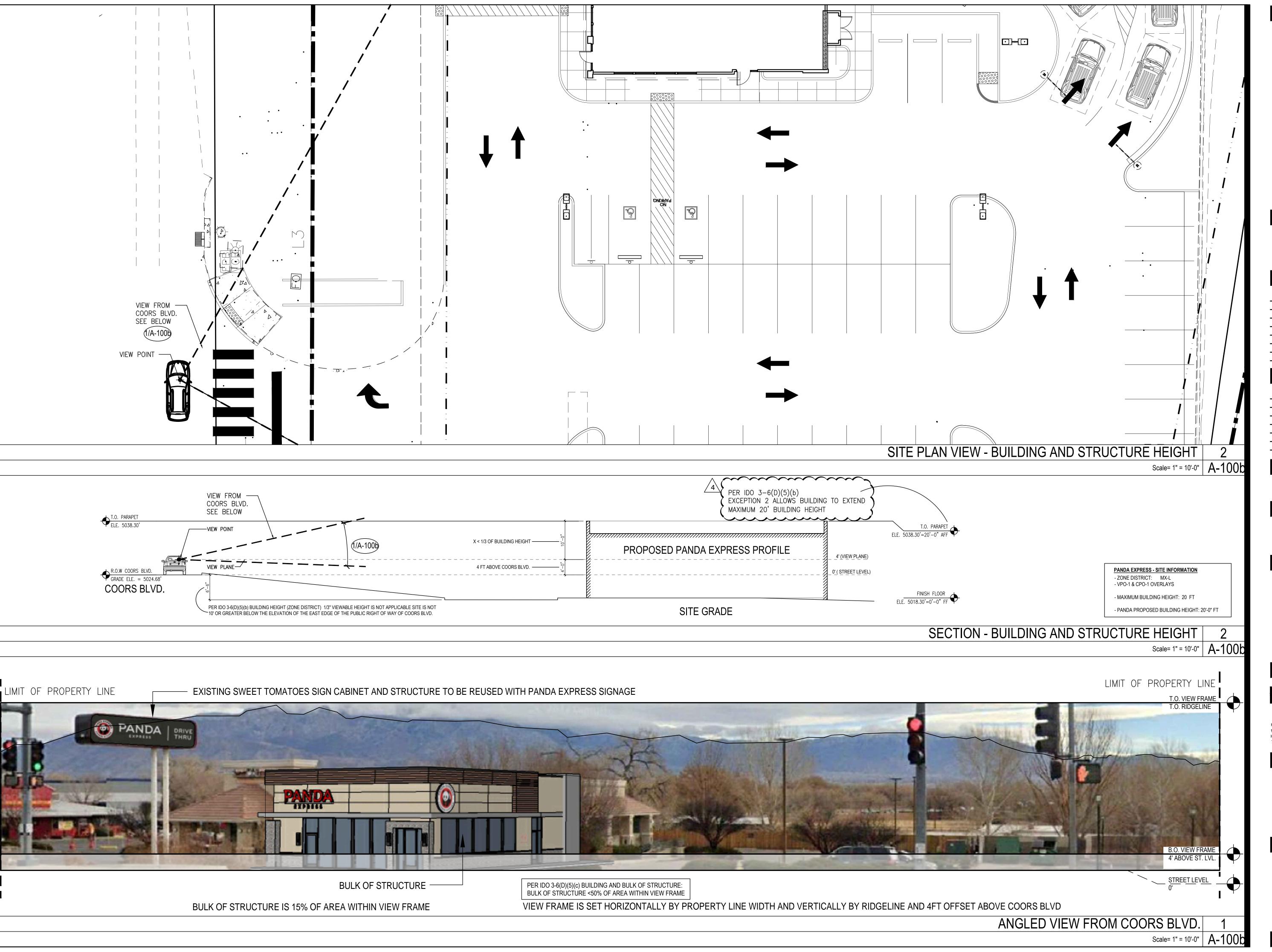
PANDA EXPRESS

SI-2022-

TRUE WARM & WELCOME 10126 COORS BLVD. NW ALBUQUERQUE, NM 87114

A-100a

VIEW ANALYSIS SITE PLAN EXHIBIT





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DRAWN BY: RM/KS

PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582 ARCH PROJECT #: 21084

DAVID S. ROSELIUS
NO. 005200

Heights Venture

HOUSTON DALLAS

1111 North Loop West, Suite 800
Houston, Texas 77008
713 869 1103 V

DALLAS

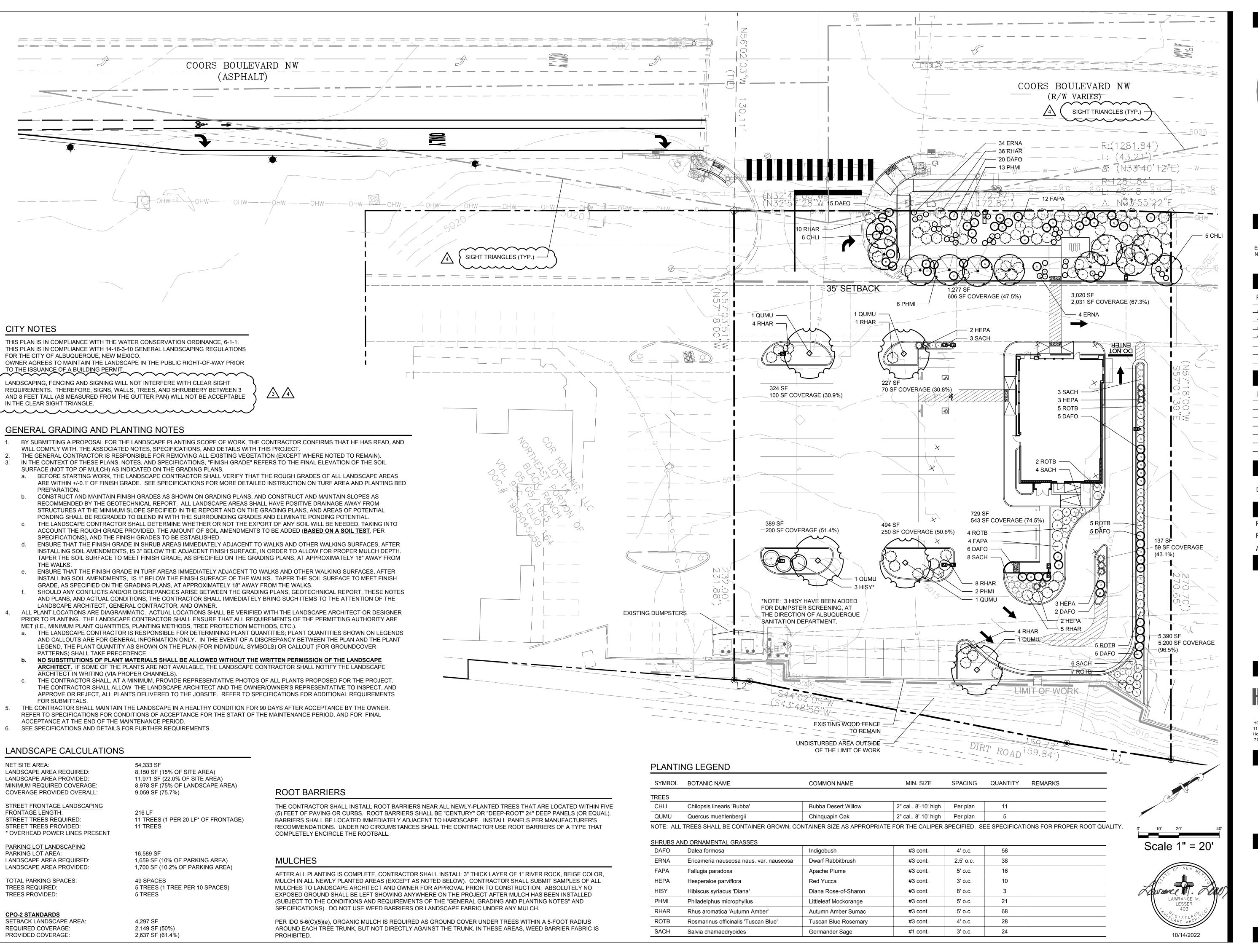
5741 Legacy Drive, Suite 320
Plano, Texas. 75024
972 490 7292 V

PANDA EXPRESS

TRUE WARM & WELCOME 10126 COORS BLVD. NW ALBUQUERQUE, NM 87114 SI-2022-

A-100b

VIEW ANALYSIS VIEW FRAMES





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| 4 | DRB 4th RESUBMITTAL | 10-19-22 | | |
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ISSUE DATE: DRB SUBMITTAL

PANDA PROJECT #: S8-22-D8582

PANDA STORE #: ARCH PROJECT #: 21084



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TRUE WARM & WELCOME

10126 COORS BLVD. NW ALBUQUERQUE, NM 87114

PLANTING PLAN

GENERAL

- A. GENERAL AN AUTOMATIC IRRIGATION SYSTEM SHALL BE INSTALLED AND OPERATIONAL BY THE TIME OF FINAL INSPECTION. THE ENTIRE IRRIGATION SYSTEM SHALL BE
- INSTALLED BY A LICENSED AND QUALIFIED IRRIGATION CONTRACTOR. THE IRRIGATION SYSTEM WILL OPERATE ON POTABLE WATER, AND THE SYSTEM SHALL HAVE A REDUCED-PRESSURE BACKELOW PREVENTION DEVICE INSTALLED TO PREVENT CONTAMINATION OF THE POTABLE SOURCE. THE BACKFLOW DEVICE SHALL BE ENCLOSED IN A VANDAL-RESISTANT ENCLOSURE ALL NON-TURF PLANTED AREAS SHALL BE DRIP IRRIGATED
- ALL PLANTS SHARING SIMILAR HYDROZONE CHARACTERISTICS (WATER NEEDS, SUN EXPOSURE, ETC.) SHALL BE PLACED ON A VALVE DEDICATED TO PROVIDE THE NECESSARY WATER REQUIREMENTS SPECIFIC TO THAT HYDROZONE. THE PLANTING PLAN SHALL BE THE BASIS OF IRRIGATION DESIGN, AND THE IRRIGATION CONTRACTOR SHALL OBTAIN AND THOROUGHLY REVIEW A COPY OF THE PLANTING PLAN PRIOR TO SUBMITTING A BID FOR IRRIGATION DESIGN/BUILD SERVICES. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED, TO THE MAXIMUM EXTENT POSSIBLE, TO CONSERVE WATER BY USING THE FOLLOWING DEVICES AND SYSTEMS: RAIN SENSORS, MULTI-PROGRAM COMPUTERIZED IRRIGATION
- WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES, FEES, AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION, INSTALLATION AND COMPLETION OF ALL WORK, SPECIFIED HEREIN AND/OR SHOWN ON THE IRRIGATION

CONTROLLERS FEATURING SENSORY INPUT CAPABILITIES.

- PLANS, NOTES, AND DETAILS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND INSTALLATION OF MATERIALS. IN CASE OF CONFLICT BETWEEN THESE PLANS AND LOCAL AND/OR STATE CODES, CODES SHALL PREVAIL
- THE INTENT OF THE IRRIGATION SYSTEM IS TO PROVIDE 100% COVERAGE OF ALL LANDSCAPE AREAS. THE IRRIGATION PLAN IS GENERALLY DIAGRAMMATIC: COORDINATE IRRIGATION INSTALLATION WITH LITH ITY INSTALLATIONS. ACTUAL LOCATION OF CONTROLLER BACKELOW DEVICE PIPING VALVES DRIP IRRIGATION AND RELATED EQUIPMENT MAY NEED TO BE ADJUSTED BASED ON ACTUAL SITE CONDITIONS
- QUALIFICATIONS OF IRRIGATION CONTRACTOR ALL WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A SINGLE IRRIGATION CONTRACTING FIRM SPECIALIZING IN IRRIGATION SYSTEMS. SEE THE IRRIGATION PLAN FOR SPECIFIC EQUIPMENT AND SYSTEM LAYOUT.
- THE IRRIGATION CONTRACTOR MUST HAVE ON ITS STAFF A CONTRACTOR LICENSED IN THE APPROPRIATE LOCAL JURISDICTION. A LICENSED IRRIGATOR OR LICENSED IRRIGATION INSTALLER SHALL BE PRESENT AT THE PROJECT SITE AT ALL TIMES AS WORK IS IN PROGRESS. THE OWNER MAY DEMAND THAT WORK STOP UNTIL THE CONTRACTOR PROVIDES FOR A LICENSED IRRIGATOR OR LICENSED IRRIGATION INSTALLER TO BE PRESENT AT THE PROJECT SITE AND SUPERVISING
- A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES.

ALL MATERIALS SHALL BE NEW AND WITHOUT FLAWS OR DEFECTS OF ANY TYPE AND SHALL BE THE BEST OF THEIR CLASS AND KIND. ALL MATERIALS SHALL HAVE A MINIMUM GUARANTEE OF ONE YEAR AGAINST MATERIAL DEFECTS OR DEFECTIVE WORKMANSHIP. ALL MATERIALS SHALL BE OF THE FOLLOWING BRANDS: RAINBIRD, TORO, NETAFIM. OTHER MANUFACTURERS MAY BE PROPOSED TO THE OWNER, AS MAY BE APPROPRIATE. THE BACKFLOW PREVENTION DEVICE SHALL BE REDUCED-PRESSURE TYPE, SIZED TO MEET IRRIGATION DEMAND AND MINIMIZE PRESSURE LOSSES. INSTALL BACKFLOW

PREVENTION UNITS IN ACCORDANCE WITH IRRIGATION CONSTRUCTION DETAILS AND ALL

- APPLICABLE STATE AND LOCAL CODES AND ORDINANCES PRESSURE SUPPLY LINES, DOWNSTREAM OF THE POINT-OF-CONNECTION: SCHEDULE 40 PVC FOR ALL PIPE 1-1/2" OR LESS CLASS 315 PVC FOR ALL PIPE 2" TO 2-1/2"
- CLASS 200 PVC_GASKETED_FOR ALL PIPE 3" AND LARGER NON-PRESSURE LATERAL LINES (DOWNSTREAM FROM VALVES): CLASS 200 PVC SLEEVES: SCHEDULE 40 PVC FITTINGS: SCH 40 PVC EXCEPT AS NOTED OTHERWISE
- VALVES AND DRIP VALVE ASSEMBLIES: EACH VALVE SHALL BEAR A PRE-MANUFACTURED. NUMBERED WATERPROOF TAG BEARING A NUMBER CORRESPONDING TO ITS VALVE
- SEQUENCE OF OPERATION ON THE CONTROLLER. VALVES FOR SPRAY AND ROTOR CIRCUITS SHALL BE COMMERCIAL-GRADE, GLOBE-TYPE NORMALLY CLOSED
- VALVES SHALL HAVE A ONE-PIECE SOLENOID DESIGN AND FLOW CONTROL HANDLE. QUICK COUPLERS: $\frac{3}{4}$ ", TWO-PIECE BODY, WITH LATCHING COVER. BALL VALVES:
- BRASS BALL VALVES SHALL BE INSTALLED WHEREVER PRESSURIZED MAINLINE CROSSES VEHICULAR AREAS, AND INSTALLED ON THE UPSTREAM SIDE OF THE MAINLINE. PVC BALL VALVES SHALL BE INSTALLED AT THE ENDS OR DRIP RUNS, FOR
- FLUSHING DRIP LINES ALL BALL VALVES SHALL BE FULL-PORT. LINE SIZE. AND INSTALLED IN THEIR OWN 9" ROUND VALVE BOXES
- VALVE BOXES: ALL VALVES BOXES SHALL BE LOCKING BOLT-DOWN TYPE. FURNISHED WITH LIDS AND BOLTS. BOXES SHALL BE OF A SIZE TO CONTAIN THE ENTIRE VALVE AND/OR VALVE ASSEMBLY. THE VALVE BOX LID SHALL HAVE THE VALVE STATION NUMBER HEAT-BRANDED INTO THE LID WITH 2" HIGH LETTERS. ONLY ONE VALVE SHALL BE INSTALLED PER VALVE BOX.
- INTEGRAL EMITTER DRIP TUBING: TUBING WITH INTEGRAL EMITTERS WELDED TO THE INSIDE WALL OF THE TUBING AS AN INTEGRAL PART OF THE TUBING ASSEMBLY. IN GENERAL, THE FOLLOWING EMITTER FLOW RATES AND SPACING SHALL BE USED: CLAY AND CLAY LOAM SOILS: 0.6 GPH, EMITTERS SPACED AT 12" O.C.,
- PARALLEL TUBING RUNS SPACED AT 18" O.C. MEDIUM-TEXTURE LOAM SOILS: 0.9 GPH, EMITTERS SPACED AT 12" O.C. PARALLEL TUBING RUNS SPACED AT 18" O.C
- SANDY AND SANDY LOAM SOILS: 0.9 GPH, EMITTERS SPACED AT 12" O.C., PARALLEL TUBING RUNS SPACED AT 12" O.C. CONTRACTOR SHALL GUARANTEE A MINIMUM OF TWO EMITTERS PER #1 OR #5
- AUTOMATIC CONTROLLER: COMMERCIAL-GRADE MODULAR CONTROLLER, SIZE AS APPROPRIATE FOR THE NUMBER OF PERMANENT VALVES, PLUS ADDITIONAL MODULES AS NEEDED FOR ANY TEMPORARY IRRIGATED AREAS (SUCH AS NATIVE SEED). PROVIDE VANDAL-PROOF ENCLOSURE FOR ALL EXTERIOR INSTALLATIONS. PROVIDE LINE-VOLTAGE DISCONNECT SWITCH WITH GROUND FAULT PROTECTION.
- 24 VOLT VALVE WIRE SHALL BE A MINIMUM OF #14 GAUGE, U.F. APPROVED FOR DIRECT BURIAL, SINGLE CONDUCTOR IRRIGATION WIRE. EACH CONTROLLER SHALL HAVE A DIFFERENT COLOR STATION AND COMMON WIRE. STATION WIRE - RED COMMON WIRE - WHITE
- EXTRA COMMON WIRES BLUE WIRE SPLICES SHALL BE ENCASED IN A WATERPROOF COMPOUND OR GEL. ALL FIELD SPLICES SHALL BE LOCATED IN A 6 INCH ROUND VALVE BOX. RAIN SENSOR: WIRELESS RAIN/FREEZE SENSOR.

<u>METHODS</u>

- A. THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL ABOVE-GRADE IRRIGATION EQUIPMENT WITH THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO INSTALLATION, OR IRRIGATION CONTRACTOR MAY BE REQURED TO MOVE SUCH ITEMS AT HIS OWN COST. ENSURE FIELD COORDINATION IS MADE EARLY ON IN THE CONSTRUCTION PHASE SO PLACEMENT LOCATION IS CORRECT.
- THE IRRIGATION CONTRACTOR SHALL MEET WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK, AND SHALL OBTAIN ALL ENGINEERING, LANDSCAPE, AND OTHER APPLICABLE PLANS & DOCUMENTS. THE CONTRACTOR SHALL THOROUGHLY REVIEW THE PLANS AND REPORT ANY CONFLICTS OR DISCREPANCIES TO THE OWNER'S REPRESENTATIVE IMMEDIATELY.
- THE IRRIGATION CONTRACTOR SHALL NOT WILFULLY INSTALL ANY PORTION OF THE IRRIGATION SYSTEM WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADES OR DIMENSIONS EXIST. SUCH OBSTRUCTIONS OR DIFFERENCES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY
- FOR ANY REVISIONS AND NECESSARY COSTS. SEE UTILITY PLANS FOR IRRIGATION POINTS OF CONNECTION (TAP) AND DOMESTIC
- THE IRRIGATION CONTRACTOR SHALL PAY ANY AND ALL FEES AND PERMITS ASSOCIATED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM. AT LEAST SEVEN DAYS BEFORE BEGINNING WORK, CONFIRM THE STATIC WATER PRESSURE IS AT LEAST 55 PSI AND LESS THAN 70 PSI. IF STATIC WATER PRESSURE IS OUTSIDE OF THE STATED RANGE, DO NOT PROCEED WITHOUT FIRST NOTIFYING THE OWNER IN WRITING, AND OBTAINING SUBSEQUENT DIRECTION FOR CORRECTIONAL MEASURES. SHOULD THE IRRIGATION CONTRACTOR CHOOSE TO BEGIN THE INSTALLATION WITHOUT SUCH NOTIFICATION. THE IRRIGATION CONTRACTOR WILL ASSUME THE RESPONSIBILITY FOR ALL COSTS INCURRED TO ENSURE THE SYSTEM IS WORKING PROPERLY. NO CHANGE ORDERS WILL BE AUTHORIZED IN SUCH
- CIRCUMSTANCES SHOULD STATIC WATER PRESSURE BE BELOW 55 PSI, A PUMP MAY BE REQUIRED FOR PROPER OPERATION OF THE IRRIGATION SYSTEM. THE IRRIGATION CONTRACTOR SHALL DISCUSS THE NEED FOR A PUMP WITH THE OWNER, AND PROPOSE OPTIONS FOR THE PROPER FUNCTIONING OF THE IRRIGATION SYSTEM
- THE IRRIGATION CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK. THE CONTRACTOR SHALL BE FAMILIAR WITH ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, STRUCTURES AND UTILITIES. COORDINATE WITH THE OWNER THE PROPOSED LOCATIONS OF THE AUTOMATIC CONTROLLER AND ANY REQUIRED SLEEVES THROUGH THE BUILDING FOR CONTROL

- ALL BACKFILL MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE OWNER. BACKFILL MATERIAL SHALL BE FREE FROM RUBBISH, ROCK LARGER THAN 1" LARGE STONES BRUSH SOD FROZEN MATERIAL OR OTHER UNSUITABLE SUBSTANCES THAT MAY DAMAGE PIPE DURING THE BACKFILLING OPERATIONS. SEPARATE OUT ROCKS LARGER THAN 1 INCH IN ANY DIRECTION FROM EXCAVATED MATERIAL AND REMOVE FROM AREAS TO RECEIVE LANDSCAPING. COVER FOR BOTH TOP AND
- OTHER APPROVED MATERIAL 2. IN THE EVENT THAT THE MATERIAL FROM THE EXCAVATION OR TRENCHING IS FOUND TO BE UNSUITABLE FOR USE IN BACKFILL, IT SHALL BE REMOVED FROM THE SITE AND PROPERLY AND LEGALLY DISPOSED OF BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL THEN PURCHASE AND AND FURNISH SUITABLE BACKFILL MATERIAL CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND OR OTHER APPROVED MATERIALS FREE OF DEBRIS.

SIDES OF PIPE SHALL BE A MINIMUM OF 2 INCHES OF ROCK-FREE SOIL, SAND, OR

- BACKFLOW PREVENTER INSTALLATION: CONTRACTOR SHALL MAKE CONNECTIONS TO EXISTING WATER SOURCES AT LOCATION SHOWN ON PLANS AND AS APPROVED BY THE OWNER, AND SHALL MAKE ANY MINOR CHANGES IN LOCATION AS MAY BE NECESSARY DUE TO ACTUAL SITE CONDITIONS. BACKFLOW PREVENTER HEIGHT SHALL BE AS PER LOCAL CODES AND MANUFACTURER'S INSTRUCTIONS. INSTALL A BRASS BALL VALVE IMMEDIATELY UPSTREAM OF THE BACKFLOW DEVICE TO SERVE AS AN ISOLATION VALVE TO EVERY EXTENT POSSIBLE, INSTALL BACKFLOW PREVENTER IN A LOCATION SCREENED FROM PUBLIC VIEW (SUCH AS BEHIND A SHRUB ROW).
- 1. PIPE SIZE SHALL CONFORM TO THE STANDARD OF CARE FOR PIPE SIZES. THE IRRIGATION CONTRACTOR SHALL ENSURE THAT THE FLOW THROUGH ANY PIPE DOES NOT EXCEED 5 FPS.
- MAINLINE PIPE AND WIRES SHALL BE INSTALLED WITH A MINIMUM COVER OF 18 INCHES. LATERAL PIPE SHALL BE INSTALLED WITH A MINIMUM COVER OF 12 ASSEMBLE ALL THREADED FITTINGS WITH TEFLON TAPE, WHICH SHALL BE APPLIED TO MALE THREADS ONLY.
- SOLVENT-WELD PRIMER AND GLUE PIPE SHALL BE INSTALLED WITH A MINIMUM OF 4" HORIZONTAL CLEARANCE FROM ANY OTHER PIPE AND 2" VERTICAL CLEARANCE FROM ANY PIPES THAT CROSS OVER OR UNDER.

4. ALL SOLVENT-WELD CONNECTIONS SHALL BE MADE WITH APPROVED

- M. VALVES VALVES SHALL BE INSTALLED PER MANUFACTURER'S DIRECTIONS. VALVE BOXES SHALL BE INSTALLED FLUSH WITH THE GRADE, WITH CLEAN PEA GRAVEL LOCATED BELOW THE VALVE. LOCATE BOXES WITHIN 12 TO 24" OF SIDEWALKS OR LANDSCAPE EDGES, WITH TOPS OF BOXES 1" ABOVE FINISH GRADE IN TURF, AND 3" ABOVE FINISH GRADE IN SHRUB AREAS (TO AVOID BEING COVERED
- BY MULCH). EACH VALVE BOX COVER SHALL BE HEAT-BRANDED WITH THE CONTROLLER
- STATION NUMBER. N. DRIP IRRIGATION EQUIPMENT SHALL BE INSTALLED PER MANUFACTURER'S DIRECTIONS DRIP LINES IN AREAS WITH ORGANIC MULCH, SUCH AS SHREDDED WOOD, SHALL BE BURIED, NO MORE THAN 2" BELOW FINISH GRADE.
- DRIP LINES IN AREAS WITH ROCK MULCH SHALL BE MOUNTED ON GRADE AND BENEATH LANDSCAPE FABRIC, AND SECURED IN PLACE WITH WIRE STAPLES AT A MAXIMUM OF 48" ON CENTER O. AUTOMATIC CONTROLLER:
- INSTALL THE CONTROLLER AT THE LOCATION INDICATED BY THE OWNER. INSTALL CONTROLLER WITH A BACKUP BATTERY AS RECOMMENDED BY THE MANUFACTURER.
- TO CONTROLLER AND DEDICATE ONE (1) 20-AMP BREAKER FOR EACH CONTROLLER. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE ELECTRICAL SOURCE TO THE CONTROLLER UNIT ONLY NO WIRE SPLICES SHALL BE ALLOWED EXCEPT AT VALVES AND CONTROLLER. WHERE SPLICES MAY BE NECESSARY DUE TO EXCESSIVELY LONG WIRE RUNS, THE CONTRACTOR SHALL MAKE ALL SPLICES IN 6" ROUND VALVE BOXES WITH 3M'S "DBY-DIRECT BURIAL SPLICE KIT". THE CONTRACTOR SHALL LABEL ALL WIRES WITH WATERPROOF TAGS AND MARKERS AT ALL SPLICES AND VALVE MANIFOLDS. AND

THE IRRIGATION CONTRACTOR SHALL COORDINATE 120 V.A.C. ELECTRICAL POWER

- SHALL FAVE A 24" COIL OF EXCESS WIRE AT EACH CONNECTION. PROVIDE #10 COMMON WIRE, DIRECT BURIAL, TO ALL REMOTE CONTROL VALVES. CONNECT ALL DIRECT BURIAL WIRES TO VALVES USING 3M'S "DBY-DIRECT BURIAL
- SPLICE KIT" (UNLESS OTHERWISE SPECIFIED). PROVIDE THREE ADDITIONAL IRRIGATION CONTROL WIRES ALONG EACH BRANCH OF MAINLINE FOR FUTURE EXPANSION. STUB ADDITIONAL CONTROL WIRES INTO BACK OF IRRIGATION CONTROLLERS. THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL
- CONTROL WIRE SLEEVES AND PIPE SLEEVES UNDER PAVED AREAS PRIOR TO PAVING - SEE SLEEVING NOTES. P. INSTALL THE RAIN SENSOR IN THE VICINITY OF THE CONTROLLER, AND COORDINATE LOCATION WITH THE OWNER. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THE RAIN SENSOR IS PLACED IN A LOCATION WHERE IT CAN
- RECEIVE ADEQUATE RAINFALL WITHOUT OBSTRUCTIONS. IF IT IS PLACED IN AN INADEQUATE LOCATION, THE IRRIGATION CONTRACTOR MAY BE REQUIRED TO RELOCATE IT AT NO ADDITIONAL COST TO THE OWNER. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE
- INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS. PERFORM COVERAGE TESTS AFTER IRRIGATION SYSTEM IS COMPLETED, BUT PRIOR TO ANY PLANTING AND PERFORM TESTING IN THE PRESENCE OF THE
- WNER'S REPRESENTATIVE 2. TEST SYSTEM TO ASSURE THAT ALL PLANTING AREAS ARE WATERED COMPLETELY AND UNIFORMLY. MAKE ALL NECESSARY ADJUSTMENTS TO PROVIDE COMPLETE COVERAGE.
- INCLUDING REALIGNMENT OF HEADS AND REPLACEMENT OF NOZZLES. DURING IRRIGATION EXCAVATION AND INSTALLATION, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION. 2. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE.
- INSPECTION AND ACCEPTANCE 1. UPON COMPLETION OF THE WORK, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE SITE CLEAN, FREE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS INTENDED. THE IRRIGATION CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY.
- WHEN THE INSPECTED WORK DOES NOT COMPLY WITH THESE REQUIREMENTS, THE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24 HOURS.
- THE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER, AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE.
- CONTROLLER CHART: THE IRRIGATION CONTRACTOR SHALL PROVIDE A 11" X 17" COLOR-CODED, LAMINATED COPY OF THE IRRIGATION LAYOUT AND PLACE IT IN THE CONTROLLER'S COVER. THE CONTROLLER CHART SHALL CLEARLY DELINEATE THE AREAS COVERED BY EACH VALVE, USING A SEPARATE COLOR FOR EACH ZONE. TURN THE FOLLOWING ITEMS IN TO THE OWNER UPON COMPLETION OF THE
- a. QUICK COUPLER KEYS (2) CONTROLLER MANUAL (1
- CONTROLLER KEYS (2) A MINIMUM OF (2) COPIES OF RECORD DRAWINGS. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS, ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.
- U. REFER TO THE PLANTING SPECIFICATIONS FOR ADDITIONAL CONDITIONS OF FINAL ACCEPTANCE AND START OF THE MAINTENANCE PERIOD, AS MAY BE APPROPRIATE
- V. WARRANTY THE IRRIGATION SYSTEM SUPPLIED AND INSTALLED SHALL BE WARRANTED (LABOR AND MATERIALS) TO REMAIN OPERATIONAL FOR A PERIOD OF 12 MONTHS AFTER THE DATE OF FINAL ACCEPTANCE. DURING THIS PERIOD, THE CONTRACTOR SHALL
- ALSO REPAIR ANY SETTLEMENT OF THE IRRIGATION TRENCHES. BY THE END OF THE WARRANTY PERIOD. ANY IRRIGATION PART THAT IS EITHER NON-OPERATIONAL OR THAT IS OPERATING BELOW STANDARDS AS DETERMINED BY THE OWNER. SHALL BE REMOVED FROM THE SITE AND SHALL BE REPLACED REPLACEMENTS SHALL BE OF THE SAME KIND AS SPECIFIED IN THE IRRIGATION
- LEGEND. AND SHALL BE INSTALLED AS ORIGINALLY SPECIFIED. IRRIGATION PARTS DAMAGED OR IMPAIRED DUE TO ACTS OF GOD. VANDALISM. AND/OR THE OWNER'S IMPROPER MAINTENANCE SHALL NOT BE COVERED BY THIS WARRANTY
- SHOULD THE PERMITTING JURISDICTION REQUIRE AN IRRIGATION AUDIT, THE IRRIGATION CONTRACTOR SHALL RETAIN THE SERVICES OF A THIRD-PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR, AT NO ADDITIONAL COST TO THE OWNER.

PLANTING SPECIFICATIONS

- A. QUALIFICATIONS OF LANDSCAPE CONTRACTOR ALL LANDSCAPE WORK SHOWN ON THESE PLANS SHALL BE PERFORMED BY A
- SINGLE FIRM SPECIALIZING IN LANDSCAPE PLANTING A LIST OF SUCCESSFULLY COMPLETED PROJECTS OF THIS TYPE, SIZE AND NATURE MAY BE REQUESTED BY THE OWNER FOR FURTHER QUALIFICATION MEASURES. THE LANDSCAPE CONTRACTOR SHALL HOLD A VALID CONTRACTOR'S LICENSE ISSUED BY THE APPROPRIATE LOCAL JURISDICTION.
- B. SCOPE OF WORK WORK COVERED BY THESE SECTIONS INCLUDES THE FURNISHING AND PAYMENT OF ALL MATERIALS, LABOR, SERVICES, EQUIPMENT, LICENSES, TAXES AND ANY OTHER ITEMS THAT ARE NECESSARY FOR THE EXECUTION. INSTALLATION AND
- COMPLETION OF ALL WORK, SPECIFIED HEREIN AND / OR SHOWN ON THE LANDSCAPE PLANS, NOTES, AND DETAILS ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK, INCLUDING ALL INSPECTIONS AND PERMITS REQUIRED BY
- THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES (WATER, SEWER, ELECTRICAL, TELEPHONE, GAS, CABLE, TELEVISION, ETC.) PRIOR TO THE START OF ANY WORK.

FEDERAL, STATE AND LOCAL AUTHORITIES IN SUPPLY, TRANSPORTATION AND

PRODUCTS

- A. ALL MANUFACTURED PRODUCTS SHALL BE NEW. B. CONTAINER AND BALLED-AND-BURLAPPED PLANTS:
 - FURNISH NURSERY-GROWN PLANTS COMPLYING WITH ANSI Z60.1-2014. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK FREE OF DISEASE INSECTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT. ALL PLANTS WITHIN A SPECIES SHALL HAVE SIMILAR SIZE, AND SHALL BE OF A FORM TYPICAL FOR THE SPECIES. ALL TREES SHALL BE OBTAINED FROM SOURCES WITHIN 200 MILES OF THE PROJECT SITE, AND WITH SIMILAR CLIMACTIC CONDITIONS
- ROOT SYSTEMS SHALL BE HEALTHY, DENSELY BRANCHED ROOT SYSTEMS, NON-POT-BOUND, FREE FROM ENCIRCLING AND/OR GIRDLING ROOTS, AND FREE FROM ANY OTHER ROOT DEFECTS (SUCH AS J-SHAPED ROOTS) TREES MAY BE PLANTED FROM CONTAINERS OR BALLED-AND-BURLAPPED (B&B) UNLESS SPECIFIED ON THE PLANTING LEGEND. BARE-ROOT TREES ARE NOT ACCEPTABLE
- ANY PLANT DEEMED UNACCEPTABLE BY THE LANDSCAPE ARCHITECT OR OWNER SHALL BE IMMEDIATELY REMOVED FROM THE SITE AND SHALL BE REPLACED WITH AN ACCEPTBLE PLANT OF LIKE TYPE AND SIZE AT THE CONTRACTOR'S OWN EXPENSE ANY PLANTS APPEARING TO BE UNHEALTHY EVEN IF DETERMINED TO STILL BE ALIVE, SHALL NOT BE ACCEPTED. THE LANDSCAPE ARCHITECT AND OWNER SHALL BE THE SOLE JUDGES AS TO THE ACCEPTABILITY OF PLANT
- ALL TREES SHALL BE STANDARD IN FORM, UNLESS OTHERWISE SPECIFIED. TREES WITH CENTRAL LEADERS WILL NOT BE ACCEPTED IF LEADER IS DAMAGED OR REMOVED. PRUNE ALL DAMAGED TWIGS AFTER PLANTING CALIPER MEASUREMENTS FOR STANDARD (SINGLE TRUNK) TREES SHALL BE AS FOLLOWS: SIX INCHES ABOVE THE ROOT FLARE FOR TREES UP TO AND INCLUDING FOUR INCHES IN CALIPER. AND TWELVE INCHES ABOVE THE ROOT FLARE FOR

TREES EXCEEDING FOUR INCHES IN CALIPER

- MULTI-TRUNK TREES SHALL BE MEASURED BY THEIR OVERALL HEIGHT, MEASURED FROM THE TOP OF THE ROOT BALL. WHERE CALIPER MEASUREMENTS ARE USED, THE CALIPER SHALL BE CALCULATED AS ONE-HALF OF THE SUM OF THE CALIPER OF THE THREE LARGEST TRUNKS ANY TREE OR SHRUB SHOWN TO HAVE EXCESS SOIL PLACED ON TOP OF THE ROOT
- BALL, SO THAT THE ROOT FLARE HAS BEEN COMPLETELY COVERED, SHALL BE REJECTED. C. TOPSOIL: SANDY TO CLAY LOAM TOPSOIL, FREE OF STONES LARGER THAN ½ INCH,
- FOREIGN MATTER, PLANTS, ROOTS, AND SEEDS. D. COMPOST: WELL-COMPOSTED, STABLE, AND WEED-FREE ORGANIC MATTER, pH RANGE OF 5.5 TO 8: MOISTURE CONTENT 35 TO 55 PERCENT BY WEIGHT: 100 PERCENT PASSING THROUGH 3/4-INCH SIEVE: SOLUBLE SALT CONTENT OF 5 TO 10 DECISIEMENS/M: NOT EXCEEDING 0.5 PERCENT INERT CONTAMINANTS AND FREE OF SUBSTANCES TOXIC TO
- PLANTINGS NO MANURE OR ANIMAL-BASED PRODUCTS SHALL BE USED. F FERTILIZER: GRANULAR FERTILIZER CONSISTING OF NITROGEN, PHOSPHORUS POTASSIUM, AND OTHER NUTRIENTS IN PROPORTIONS, AMOUNTS, AND RELEASE RATES RECOMMENDED IN A SOIL REPORT FROM A QUALIFIED SOIL-TESTING AGENCY (SEE
- F. MULCH: SIZE AND TYPE AS INDICATED ON PLANS, FREE FROM DELETERIOUS MATERIALS AND SUITABLE AS A TOP DRESSING OF TREES AND SHRUBS.
- TREE STAKING AND GUYING STAKES: 6' LONG GREEN METAL T-POSTS. GUY AND TIE WIRE: ASTM A 641, CLASS 1, GALVANIZED-STEEL WIRE, 2-STRAND, TWISTED, 0.106 INCH DIAMETER.
- STRAP CHAFING GUARD: REINFORCED NYLON OR CANVAS AT LEAST 1-1/2 INCH WIDE, WITH GROMMETS TO PROTECT TREE TRUNKS FROM DAMAGE. H. PRE-EMERGENT HERBICIDES: ANY GRANULAR, NON-STAINING PRE-EMERGENT HERBICIDE THAT IS LABELED FOR THE SPECIFIC ORNAMENTALS OR TURF ON WHICH IT WILL BE UTILIZED. PRE-EMERGENT HERBICIDES SHALL BE APPLIED PER THE MANUFACTURER'S LABELED RATES.

METHODS

- A. SOIL PREPARATION BEFORE STARTING WORK. THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST.
- SOIL TESTING: a. AFTER FINISH GRADES HAVE BEEN ESTABLISHED, CONTRACTOR SHALL HAVE SOIL SAMPLES FROM THE PROJECT'S LANDSCAPE AREAS TESTED BY AN ESTABLISHED SOIL TESTING LABORATORY. EACH SAMPLE SUBMITTED TO THE LAB SHALL CONTAIN NO LESS THAN ONE QUART OF SOIL. TAKEN FROM BETWEEN THE SOIL SURFACE AND 6" DEPTH. IF NO SAMPLE LOCATIONS ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE A MINIMUM OF THREE SAMPLES FROM VARIOUS REPRESENTATIVE LOCATIONS FOR TESTING. b THE CONTRACTOR SHALL HAVE THE SOIL TESTING LABORATORY PROVIDE
- RESULTS FOR THE FOLLOWING: SOIL TEXTURAL CLASS GENERAL SOIL FERTILITY, pH, ORGANIC MATTER CONTENT, SALT (CEC), LIME, SODIUM ADSORPTION RATIO (SAR) AND BORON CONTENT. c. THE CONTRACTOR SHALL ALSO SUBMIT THE PROJECT'S PLANT LIST TO THE LABORATORY ALONG WITH THE SOIL SAMPLES.
- THE SOIL REPORT PRODUCED BY THE LABORATORY SHALL CONTAIN RECOMMENDATIONS FOR THE FOLLOWING (AS APPROPRIATE): SEPARATE SOIL PREPARATION AND BACKFILL MIX RECOMMENDATIONS FOR GENERAL ORNAMENTAL PLANTS, XERIC PLANTS, TURF, AND NATIVE SEED, AS WELL AS PRE-PLANT FERTILIZER APPLICATIONS AND RECOMMENDATIONS FOR ANY OTHER SOIL RELATED ISSUES. THE REPORT SHALL ALSO PROVIDE A FERTILIZER PROGRAM FOR THE ESTABLISHMENT PERIOD AND FOR LONG-TERM MAINTENANCE. THE CONTRACTOR SHALL INSTALL SOIL AMENDMENTS AND FERTILIZERS PER THE
- SOILS REPORT RECOMMENDATIONS. ANY CHANGE IN COST DUE TO THE SOIL REPORT RECOMMENDATIONS, EITHER INCREASE OR DECREASE, SHALL BE SUBMITTED TO THE OWNER WITH THE REPORT FOR BIDDING PURPOSES ONLY, THE SOIL PREPARATION SHALL CONSIST OF THE
- a. TREES, SHRUBS, AND PERENNIALS: INCORPORATE THE FOLLOWING AMENDMENTS INTO THE TOP 8" OF SOIL BY MEANS OF ROTOTILLING AFTER NITROGEN STABILIZED ORGANIC AMENDMENT - 4 CU. YDS. PER 1,000 S.F. 12-12-12 FERTILIZER (OR SIMILAR, ORGANIC, SLOW RELEASE) - 10 LBS. PER CU. iii. "CLAY BUSTER" OR EQUAL - USE MANUFACTURER'S RECOMMENDED RATE
- IRON SULPHATE 2 LBS. PER CU. YD. IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS. BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY
- FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURE AREA AND PLANTING BED PREPARATION CONSTRUCT AND MAINTAIN FINISH GRADES AS SHOWN ON GRADING PLANS. AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT AND ON THE GRADING PLANS, AND AREAS OF POTENTIAL

THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF

GRADES AND ELIMINATE PONDING POTENTIAL. THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (BASED ON A SOIL TEST, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE

PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING

ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE ADJACENT FINISH SURFACE, IN ORDER TO ALLOW FOR PROPER MULCH DEPTH. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY e. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE

GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND

ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH

ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER. ONCE SOIL PREPARATION IS COMPLETE, THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT THERE ARE NO DEBRIS. TRASH, OR STONES LARGER THAN 1" REMAINING IN THE TOP 6" OF SOIL

B. SUBMITTALS THE CONTRACTOR SHALL PROVIDE SUBMITTALS AND SAMPLES JE REQUIRED. TO THE LANDSCAPE ARCHITECT. AND RECEIVE APPROVAL IN WRITING FOR SUCH

SUBMITTALS BEFORE WORK COMMENCES

- SUBMITTALS SHALL INCLUDE PHOTOS OF PLANTS WITH A RULER OR MEASURING STICK FOR SCALE PHOTOS OR SAMPLES OF ANY REQUIRED MULCHES AND SOIL TEST RESULTS AND PREPARATION RECOMMENDATIONS FROM THE TESTING LAB (INCLUDING COMPOST AND FERTILIZER RATES AND TYPES, AND OTHER AMENDMENTS FOR TREE/SHRUB, TURF, AND SEED AREAS AS MAY BE
- APPROPRIATE) SUBMITTALS SHALL ALSO INCLUDE MANUFACTURER CUT SHEETS FOR PLANTING ACCESSORIES SUCH AS TREE STAKES AND TIES, EDGING, AND LANDSCAPE FABRICS
- WHERE MULTIPLE ITEMS ARE SHOWN ON A PAGE, THE CONTRACTOR SHALL CLEARLY INDICATE THE ITEM BEING CONSIDERED. C. GENERAL PLANTING

REMOVE ALL NURSERY TAGS AND STAKES FROM PLANTS. EXCEPT IN AREAS TO BE PLANTED WITH ORNAMENTAL GRASSES. APPLY

- PRE-EMERGENT HERBICIDES AT THE MANUFACTURER'S RECOMMENDED RATE. TRENCHING NEAR EXISTING TREES a. CONTRACTOR SHALL NOT DISTURB ROOTS 1-1/2" AND LARGER IN DIAMETER WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES, AND SHALL EXERCISE ALL POSSIBLE CARE AND PRECAUTIONS TO AVOID INJURY TO TREE ROOTS, TRUNKS, AND BRANCHES. THE CRZ IS DEFINED AS A CIRCULAR AREA EXTENDING OUTWARD FROM THE TREE TRUNK, WITH A RADIUS EQUAL TO 1' FOR EVERY 1" OF TRUNK DIAMETER-AT-BREAST-HEIGHT (4.5' ABOVE THE AVERAGE GRADE AT THE TRUNK).
- b. ALL EXCAVATION WITHIN THE CRZ SHALL BE PERFORMED USING HAND TOOLS. NO MACHINE EXCAVATION OR TRENCHING OF ANY KIND SHALL BE ALLOWED WITHIN THE CRZ. c. ALTER ALIGNMENT OF PIPE TO AVOID TREE ROOTS 1-1/2" AND LARGER IN DIAMETER. WHERE TREE ROOTS 1-1/2" AND LARGER IN DIAMETER ARE ENCOUNTERED IN THE FIELD, TUNNEL UNDER SUCH ROOTS, WRAP EXPOSED ROOTS WITH SEVERAL LAYERS OF BURLAP AND KEEP MOIST. CLOSE ALL TRENCHES WITHIN THE CANOPY DRIP LINES WITHIN 24 HOURS. d ALL SEVERED ROOTS SHALL BE HAND PRUNED WITH SHARP TOOLS AND

ALLOWED TO AIR-DRY DO NOT USE ANY SORT OF SEALERS OR WOUND

- PAINTS TREE PLANTING TREE PLANTING HOLES SHALL BE EXCAVATED TO MINIMUM WIDTH OF TWO TIMES THE WIDTH OF THE ROOTBALL, AND TO A DEPTH EQUAL TO THE DEPTH OF THE
- ROOTBALL LESS TWO TO FOUR INCHES. SCARIFY THE SIDES AND BOTTOM OF THE PLANTING HOLE PRIOR TO THE PLACEMENT OF THE TREE. REMOVE ANY GLAZING THAT MAY HAVE BEEN CAUSED
- DURING THE EXCAVATION OF THE HOLE. FOR CONTAINER AND BOX TREES, TO REMOVE ANY POTENTIALLY GIRDLING ROOTS AND OTHER ROOT DEFECTS, THE CONTRACTOR SHALL SHAVE A 1" LAYER OFF OF THE SIDES AND BOTTOM OF THE ROOTBALL OF ALL TREES JUST BEFORE PLACING INTO THE PLANTING PIT. DO NOT "TEASE" ROOTS OUT FROM THE ROOTBALL.
- INSTALL THE TREE ON UNDISTURBED SUBGRADE SO THAT THE TOP OF THE ROOTBALL IS TWO TO FOUR INCHES ABOVE THE SURROUNDING GRADE. BACKFILL THE TREE HOLE UTILIZING THE EXISTING TOPSOIL FROM ON-SITE. ROCKS LARGER THAN 1" DIA. AND ALL OTHER DEBRIS SHALL BE REMOVED FROM THE SOIL PRIOR TO THE BACKFILL. SHOULD ADDITIONAL SOIL BE REQUIRED TO ACCOMPLISH THIS TASK, USE STORED TOPSOIL FROM ON-SITE OR IMPORT ADDITIONAL TOPSOIL FROM OFF-SITE AT NO ADDITIONAL COST TO THE OWNER. IMPORTED TOPSOIL
- SHALL BE OF SIMILAR TEXTURAL CLASS AND COMPOSITION IN THE ON-SITE SOIL. TREES SHALL NOT BE STAKED UNLESS LOCAL CONDITIONS (SUCH AS HEAVY WINDS OR SLOPES) REQUIRE STAKES TO KEEP TREES UPRIGHT. SHOULD STAKING BE REQUIRED, THE TOTAL NUMBER OF TREE STAKES (BEYOND THE MINIMUMS LISTED BELOW) WILL BE LEFT TO THE LANDSCAPE CONTRACTOR'S DISCRETION. SHOULD ANY TREES FALL OR LEAN, THE LANDSCAPE CONTRACTOR SHALL STRAIGHTEN THE TRFF OR REPLACE IT SHOULD IT BECOME DAMAGED. TREE STAKING SHALL
- ADHERE TO THE FOLLOWING GUIDELINES: a. 1"-2" TRFFS TWO STAKES PER TREE THREE STAKES PER TREE 2-1/2"-4" TREES
- TREES OVER 4" CALIPER GUY AS NEEDED THREE STAKES PER TREE MINIMUM, QUANTITY MUI TI-TRUNK TREES AND POSITIONS AS NEEDED TO STABILIZE THE TREE UPON COMPLETION OF PLANTING, CONSTRUCT AN EARTH WATERING BASIN AROUND THE TREE. COVER THE INTERIOR OF THE TREE RING WITH MULCH (TYPE
- AND DEPTH PER PLANS). SHRUB, PERENNIAL, AND GROUNDCOVER PLANTING DIG THE PLANTING HOLES TWICE AS WIDE AND 2" LESS DEEP THAN EACH PLANT'S ROOTBALL. INSTALL THE PLANT IN THE HOLE. BACKFILL AROUND THE PLANT WITH SOIL AMENDED PER SOIL TEST RECOMMENDATIONS.
- WHEN PLANTING IS COMPLETE, INSTALL MULCH (TYPE AND DEPTH PER PLANS) OVER ALL PLANTING BEDS, COVERING THE ENTIRE PLANTING AREA. INSTALL MULCH TOPDRESSING, TYPE AND DEPTH PER MULCH NOTE, IN ALL PLANTING AREAS AND TREE RINGS. DO NOT INSTALL MULCH WITHIN 6" OF TREE ROOT FLARE AND WITHIN 24" OF
- HABITABLE STRUCTURES, EXCEPT AS MAY BE NOTED ON THESE PLANS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL.
- DURING LANDSCAPE PREPARATION AND PLANTING, KEEP ALL PAVEMENT CLEAN AND ALL WORK AREAS IN A NEAT, ORDERLY CONDITION. DISPOSED LEGALLY OF ALL EXCAVATED MATERIALS OFF THE PROJECT SITE. G. INSPECTION AND ACCEPTANCE UPON COMPLETION OF THE WORK. THE LANDSCAPE CONTRACTOR SHALL PROVIDE THE SITE CLEAN ERFE OF DEBRIS AND TRASH, AND SUITABLE FOR USE AS
- INTENDED. THE LANDSCAPE CONTRACTOR SHALL THEN REQUEST AN INSPECTION BY THE OWNER TO DETERMINE FINAL ACCEPTABILITY WHEN THE INSPECTED PLANTING WORK DOES NOT COMPLY WITH THE CONTRACT DOCUMENTS. THE LANDSCAPE CONTRACTOR SHALL REPLACE AND/OR REPAIR THE REJECTED WORK TO THE OWNER'S SATISFACTION WITHIN 24 HOURS
- THE LANDSCAPE MAINTENANCE PERIOD WILL NOT COMMENCE UNTIL THE LANDSCAPE WORK HAS BEEN RE-INSPECTED BY THE OWNER AND FOUND TO BE ACCEPTABLE. AT THAT TIME, A WRITTEN NOTICE OF FINAL ACCEPTANCE WILL BE ISSUED BY THE OWNER. AND THE MAINTENANCE AND GUARANTEE PERIODS WILL COMMENCE. LANDSCAPE MAINTENANCE
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTING OF PLANTS THAT HAVE SETTLED, WEEDING, TREATING FOR INSECTS AND DISEASES, REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO
- MAXIMIZE WATER CONSERVATION. 2. TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR: THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT
- MATERIAL PRIOR TO FINAL ACCEPTANCE. b. ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE. WARRANTY PERIOD, PLANT GUARANTEE AND REPLACEMENTS 1. THE LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL TREES, SHRUBS PERENNIALS, AND IRRIGATION SYSTEMS FOR A PERIOD OF ONE YEAR FROM THE DATE OF THE OWNER'S FINAL ACCEPTANCE (90 DAYS FOR ANNUAL PLANTS). THE CONTRACTOR SHALL REPLACE. AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER, ANY PLANTS WHICH DIE IN THAT TIME, OR REPAIR ANY PORTIONS
- OF THE IRRIGATION SYSTEM WHICH OPERATE IMPROPERLY AFTER THE INITIAL MAINTENANCE PERIOD AND DURING THE GUARANTEE PERIOD THE LANDSCAPE CONTRACTOR SHALL ONLY BE RESPONSIBLE FOR REPLACEMENT OF PLANTS WHEN PLANT DEATH CANNOT BE ATTRIBUTED DIRECTLY TO OVERWATERING OR OTHER DAMAGE BY HUMAN ACTIONS. PROVIDE A MINIMUM OF (2) COPIES OF RECORD DRAWINGS TO THE OWNER UPON

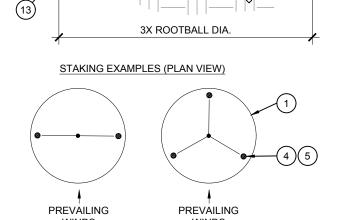
COMPLETION OF WORK. A RECORD DRAWING IS A RECORD OF ALL CHANGES THAT

ADDENDA, OR CONTRACTOR/CONSULTANT DRAWING MARKUPS.

OCCURRED IN THE FIELD AND THAT ARE DOCUMENTED THROUGH CHANGE ORDERS,

NON-CONIFEROUS

CONIFEROUS



WINDS TREE PLANTING (1) TREE CANOPY. (2) CINCH-TIES (24" BOX/2" CAL. TREES AND SMALLER) OR 12 GAUGE GALVANIZED WIRE WITH NYLON TREE STRAPS AT TREE AND STAKE (36" BOX/2.5" CAL. TREES AND LARGER). SECURE TIES OR STRAPS TO TRUNK JUST ABOVE LOWEST MAJOR BRANCHES.

(3) 24" X 3/4" P.V.C. MARKERS OVER WIRES.

(4) GREEN STEEL T-POSTS. EXTEND POSTS 12" MIN. INTO UNDISTURBED SOIL.

(5) PRESSURE-TREATED WOOD DEADMAN, TWO PER TREE (MIN.). BURY OUTSIDE OF PLANTING PIT AND 18" MIN. INTO UNDISTURBED SOIL.

(6) TRUNK FLARE.

(8) FINISH GRADE.

(7) MULCH, TYPE AND DEPTH PER PLANS (AND AS NOTED BELOW). DO NOT PLACE MULCH WITHIN 6" OF TRUNK.

(9) ROOT BALL. 10) BACKFILL. AMEND AND FERTILIZE ONLY AS

RECOMMENDED IN SOIL FERTILITY ANALYSIS. (11) UNDISTURBED NATIVE SOIL. (12) 4" HIGH EARTHEN WATERING BASIN.

(13) FINISH GRADE.

SCARIFY SIDES OF PLANTING PIT PRIOR TO SETTING TREE. REMOVE EXCESS SOIL APPLIED ON TOP OF THE ROOTBALL THAT COVERS THE ROOT FLARE. THE PLANTING HOLE DEPTH SHALL BE SUCH THAT THE ROOTBALL RESTS ON UNDISTURBED SOIL, AND THE ROOT FLARE IS 2"-4" ABOVE FINISH GRADE. FOR B&B TREES, CUT OFF BOTTOM 1/3 OF WIRE BASKET BEFORE PLACING TREE IN HOLE, CUT OFF AND REMOVE REMAINDER OF BASKET AFTER TREE IS SET IN HOLE, REMOVE ALL NYLON TIES, TWINE, ROPE, AND OTHER PACKING MATERIAL. REMOVE AS MUCH BURLAP FROM AROUND ROOTBALL AS IS PRACTICAL.

STAKING SHALL BE TIGHT ENOUGH TO PREVENT TRUNK FROM BENDING, BUT LOOSE ENOUGH TO ALLOW SOME TRUNK MOVEMENT PER IDO 5-6(C)(5)(e), ORGANIC MULCH IS REQUIRED AS GROUND COVER

UNDER TREES WITHIN A 5-FOOT RADIUS AROUND EACH TREE TRUNK,

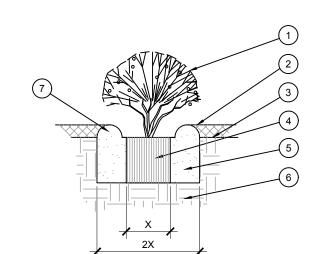
BUT NOT DIRECTLY AGAINST THE TRUNK. IN THESE AREAS, WEED

BARRIER FABRIC IS PROHIBITED.

FOR TREES 36" BOX/2.5" CAL. AND LARGER, USE THREE STAKES OR

DEADMEN (AS APPROPRIATE), SPACED EVENLY AROUND TREE.

REMOVE ALL NURSERY STAKES AFTER PLANTING.



1) SHRUB, PERENNIAL, OR ORNAMENTAL GRASS.) MULCH, TYPE AND DEPTH PER PLANS. PLACE NO MORE THAN 1" OF MULCH WITHIN 6" OF PLANT

3) FINISH GRADE.

(4) ROOT BALL. (5) BACKFILL. AMEND AND FERTILIZE ONLY AS RECOMMENDED IN SOIL FERTILITY ANALYSIS

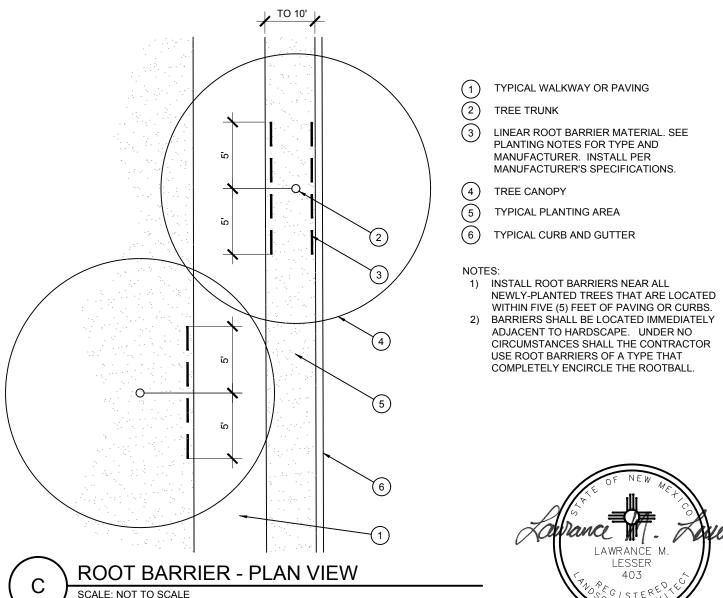
(6) UNDISTURBED NATIVE SOIL (7) 3" HIGH EARTHEN WATERING BASIN



OPEN LANDSCAPE

PARKWAY

OR ISLAND





PANDA EXPRESS INC 1683 Walnut Grove Ave Rosemead, California Telephone: 626.799.9898

Facsimile: 626.372.8288

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REVISIONS: DRB RESUBMITTA ORB 2nd RESUBMITTAL DRB 3rd RESUBMITTAL DRB 4th RESUBMITTAL

ISSUE DATE: DRB SUBMITTAL

PANDA PROJECT #: S8-22-D8582



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713 869 1103 V

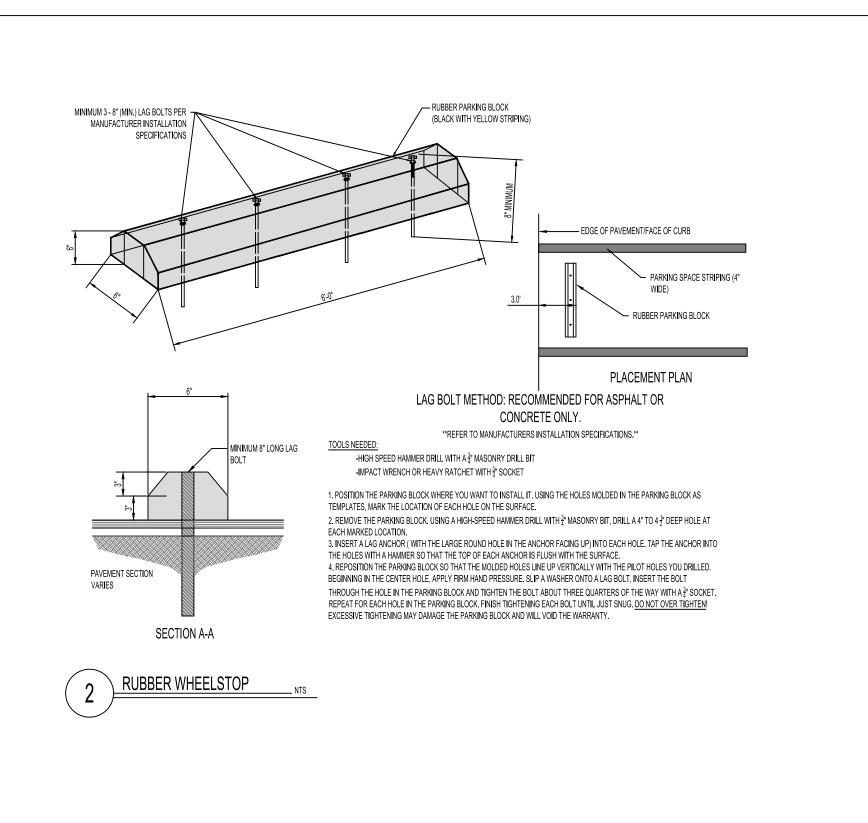
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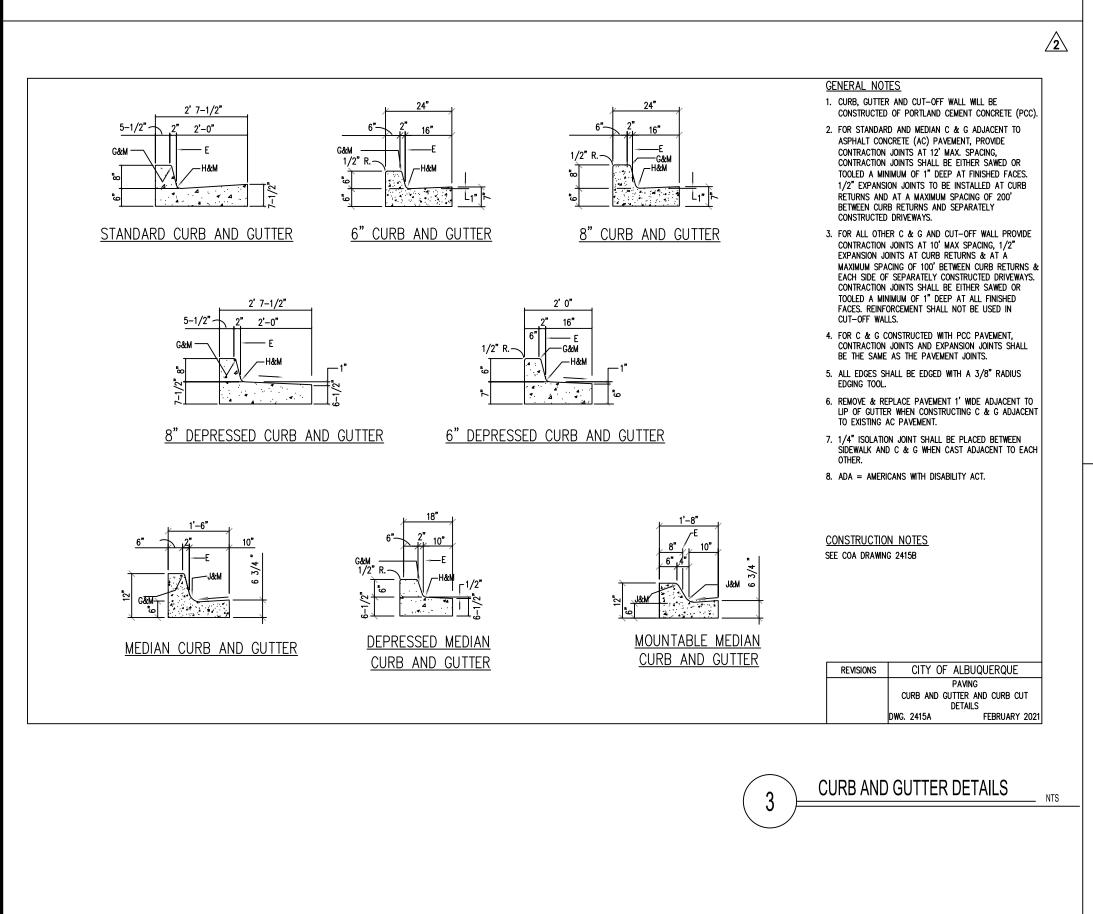
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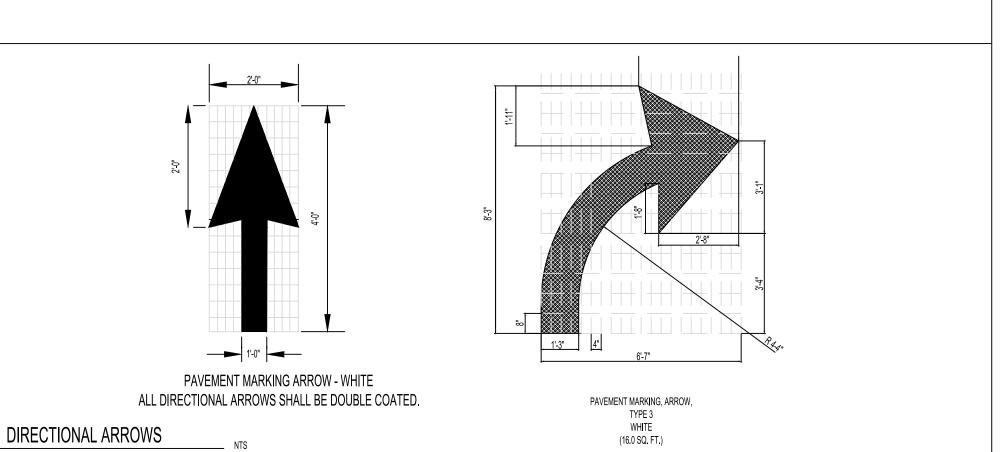
10/14/2022

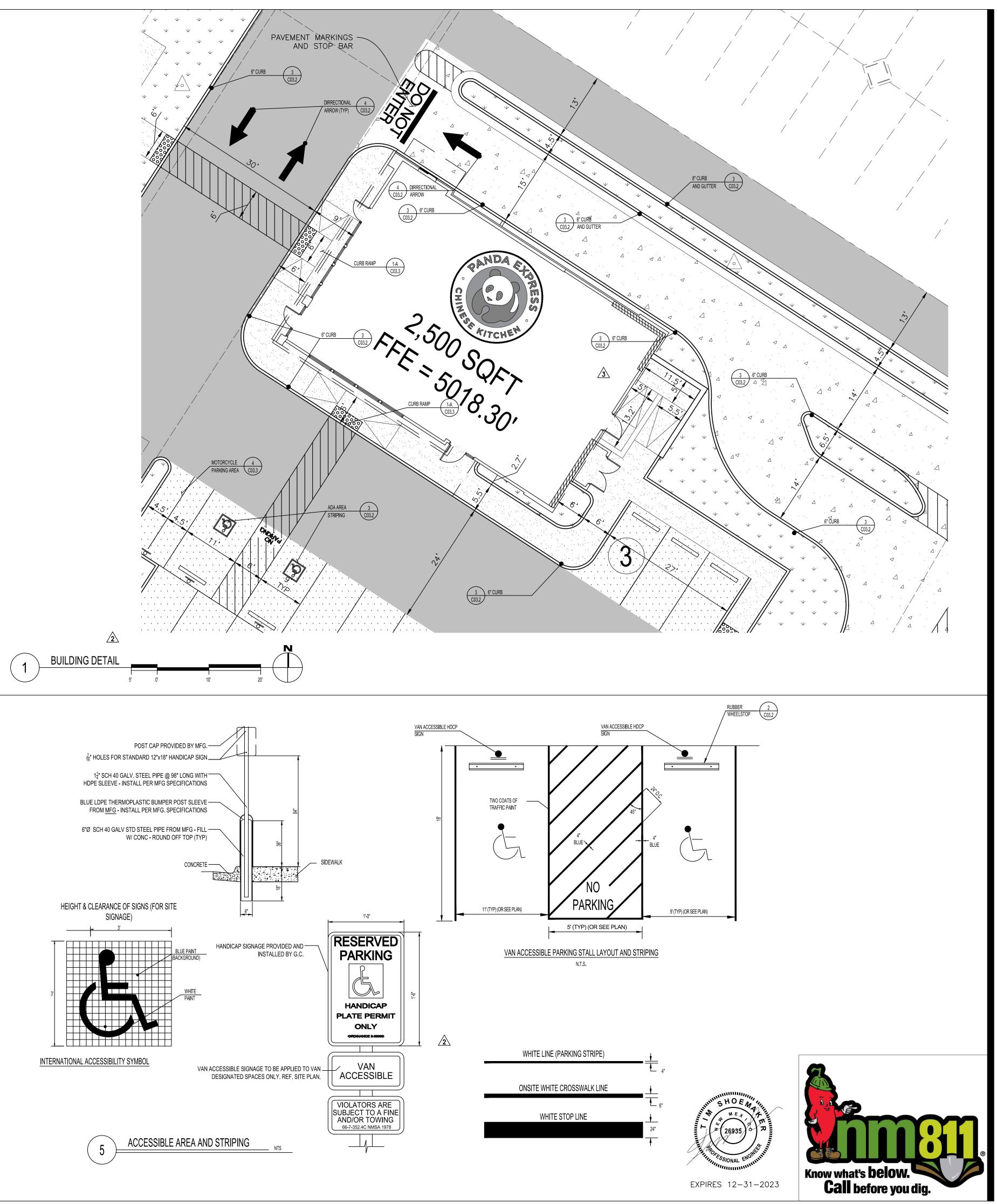
SPECIFICATIONS

PR-2022-











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REVISIONS:

DRB 1st RESUBMITTAL 04-01-21 DRB Project No. PR-2022-006547 SI-2022-00216-SITE PLAN

DRB 2nd RESUBMITTAL DRB 3rd RESUBMITTAL DRB 4th RESUBMITTAL

ISSUE DATE:

DRB SUBMITTAL

DRAWN BY:

PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582 ARCH PROJECT #: D8582



Suite 250 Schaumburg, **I**L 60173 Telephone: (847) 756 - 4180 www.rtmec.com OH Certificate of Authority: 05046

Heights Venture ARCHITECTURE . DESIGN

1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240 Houston, Texas 77008

713 869 1103 V

Plano, Texas. 75024
972 490 7292 V

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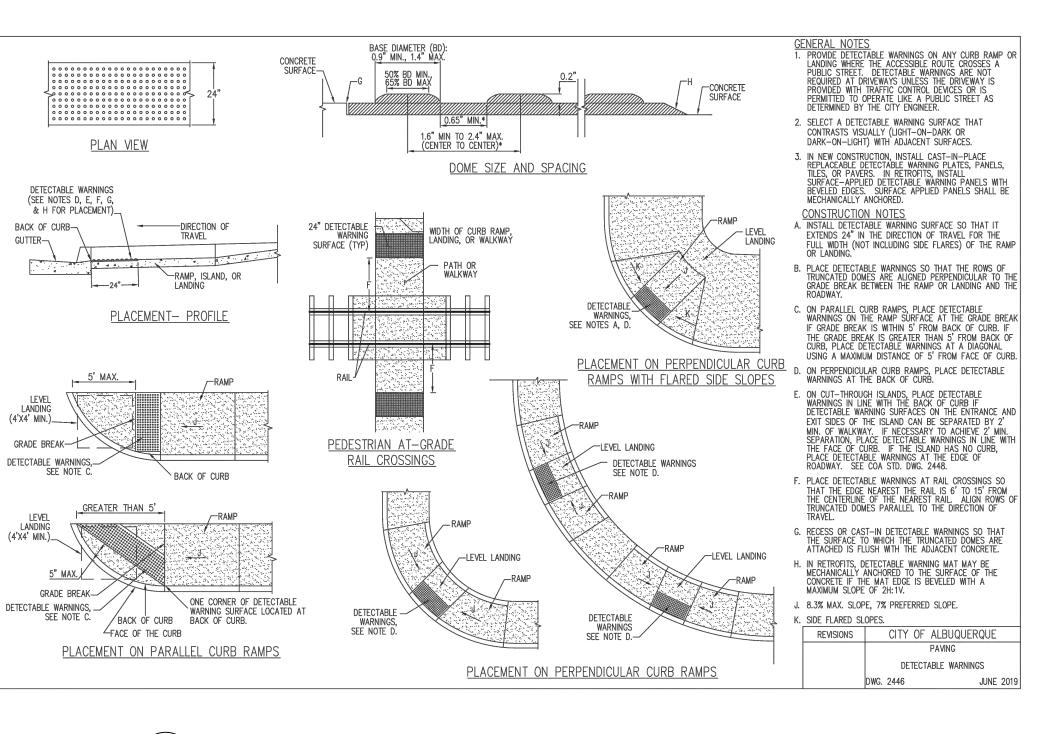
HARDSCAPE

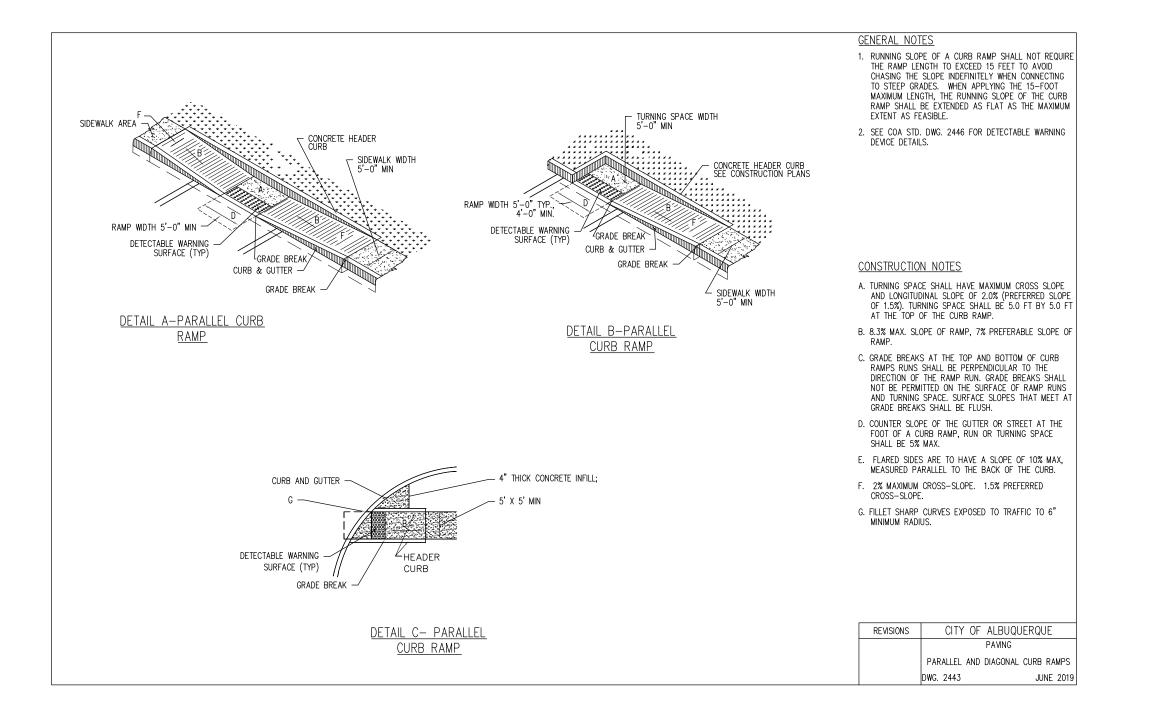
DETAILS I

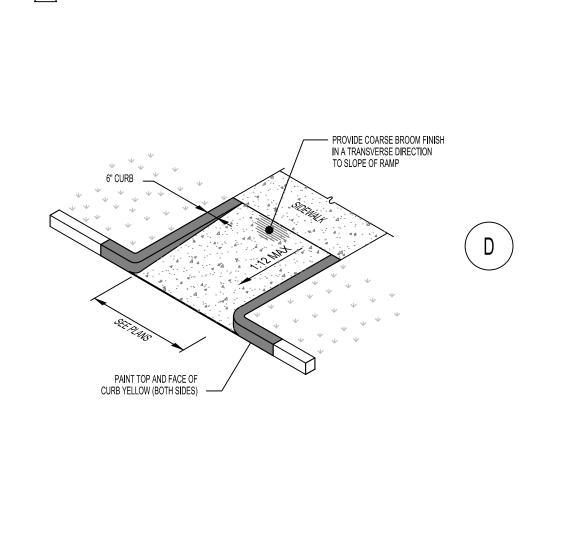
SUBMITTAL

DRB

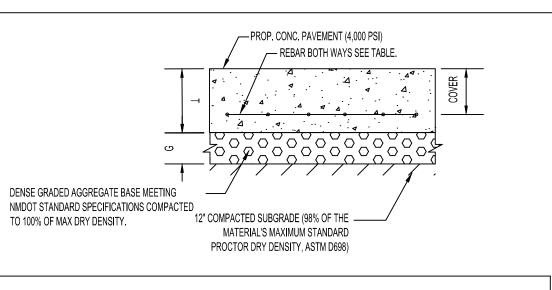
C03.2











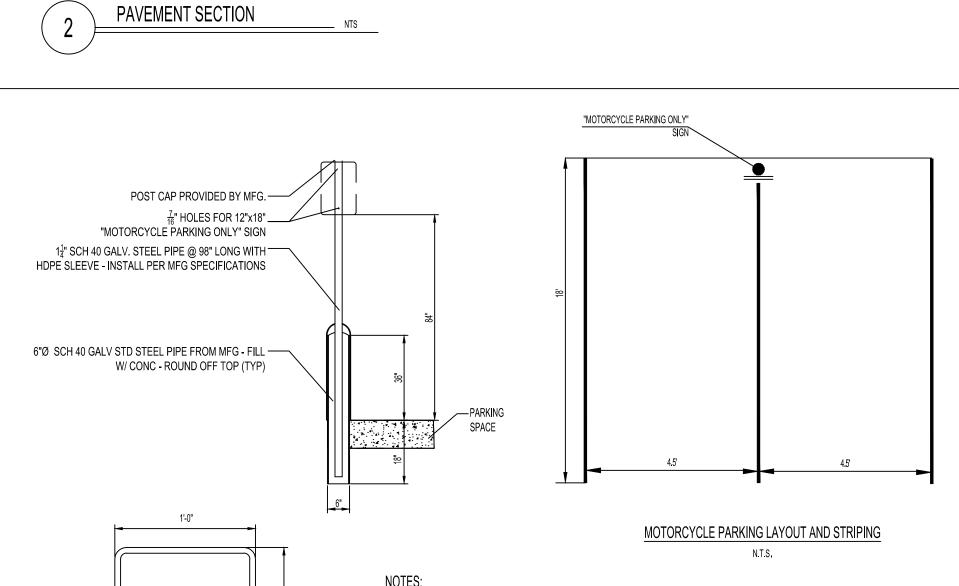
| | CONCRETE SECTION DESIGNATION | (IN.) | (COVER) COVER (IN.) (2" MIN) | (G) BASE THICKNESS (IN.) | MAX. EXPANSION JOINT SPACING (FT.) | 60,000 PSI STEEL |
|--|------------------------------------|-------|--------------------------------|--------------------------------|---------------------------------------|--|
| | | | | | | REINFORCING STEEL BAR SIZE & SPACING* |
| | SIDEWALK | 5" | 2 | 4" | 15 | #3 @ 24" C-C |
| | DRIVE THRU | 5.5" | 2 | 4" | 15 | #3 @ 24" C-C |
| | DUMPSTER | 5.5" | 2 | 4" | 15 | #3 @ 24" C-C |



MOTORCYCLE

PARKING

ONLY



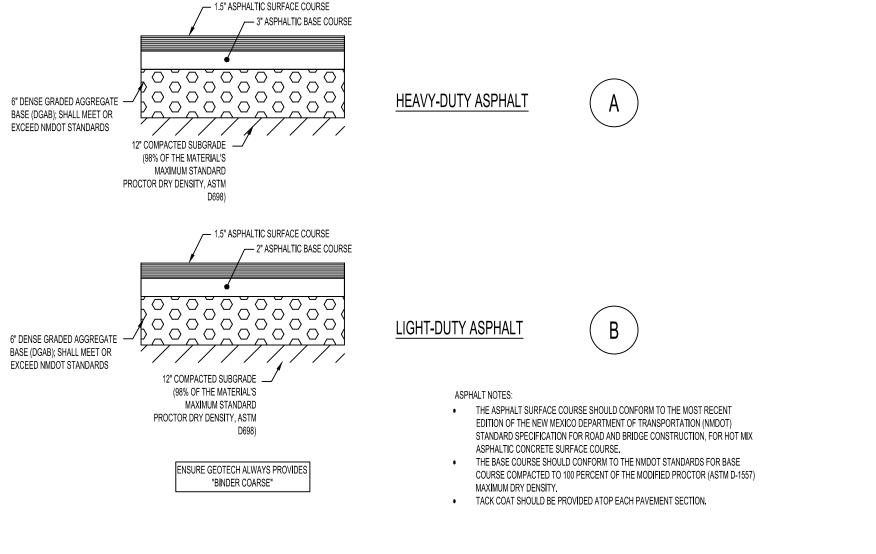
REFERENCE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL (DPM)

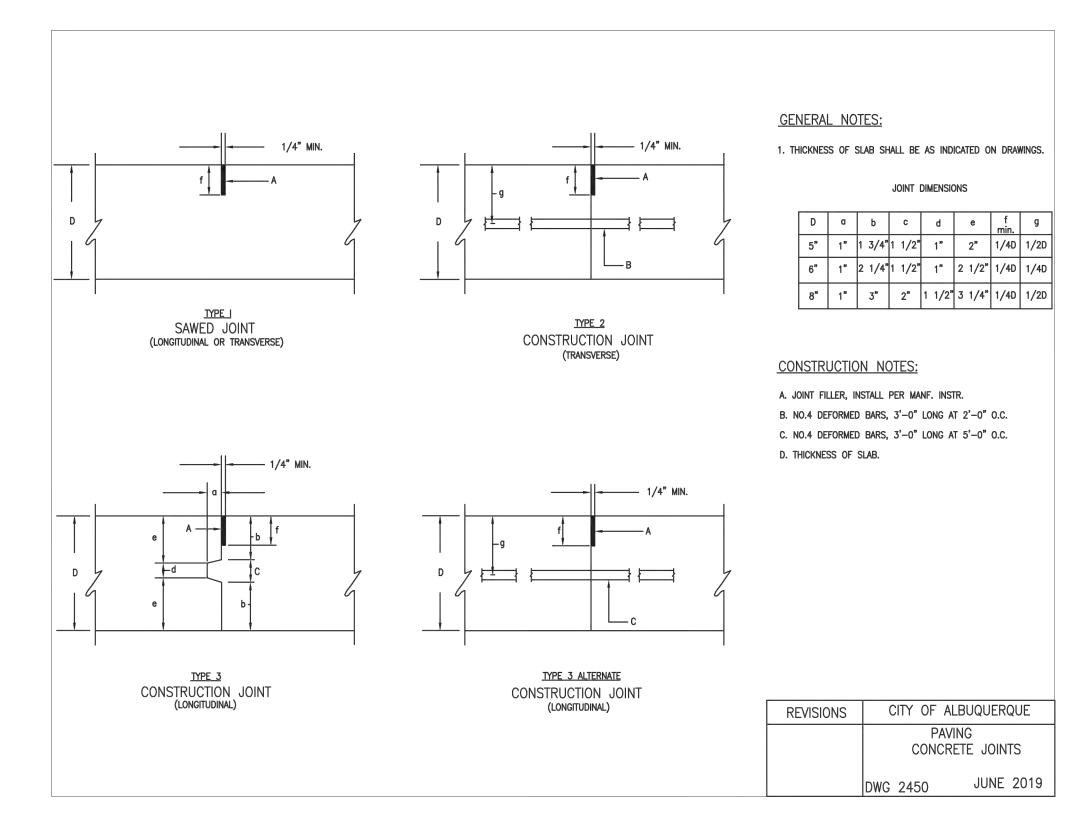
2

SECTION 7-4(K)(3) FOR ALL MOTORCYCLE PARKING SPECIFICATIONS

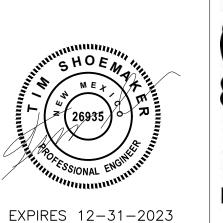
2. SIGNS TO MEET MUTCD STANDARDS AND SPECIFICATIONS

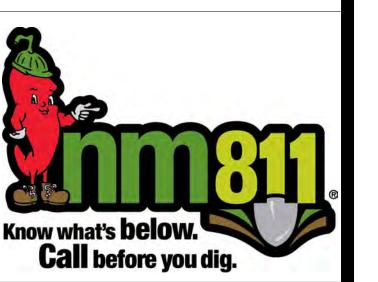
MOTORCYCLE PARKING





PAVING CONCRETE JOINT DETAILS







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DEVICIONO.

| REVISIONS: | | | |
|--------------------------------|-------------------------|---------|--|
| | DRB 1st RESUBMITTAL | 04-01-2 | |
| DRB Project No. PR-2022-006547 | | | |
| | SI-2022-00216-SITE PLAN | | |
| /2\ | DRB 2nd RESUBMITTAL | 05-04-2 | |
| /3\ | DRB 3rd RESUBMITTAL | 09-21-2 | |

10-19-22

ISSUE DATE: DRB SUBMITTAL 12-28-21

DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582 PANDA STORE #: ARCH PROJECT #: D8582



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Heights Venture

ARCHITECTURE . DESIGN HOUSTON 1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240

Houston, Texas 77008 713 869 1103 V

Plano, Texas. 75024 972 490 7292 V

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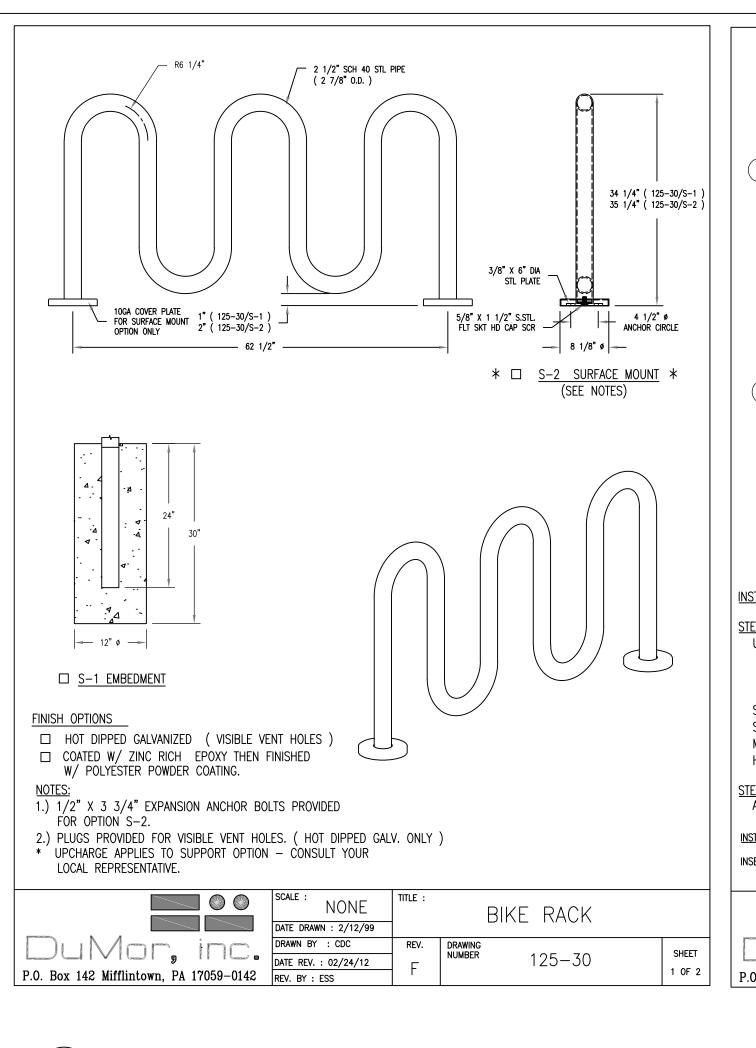
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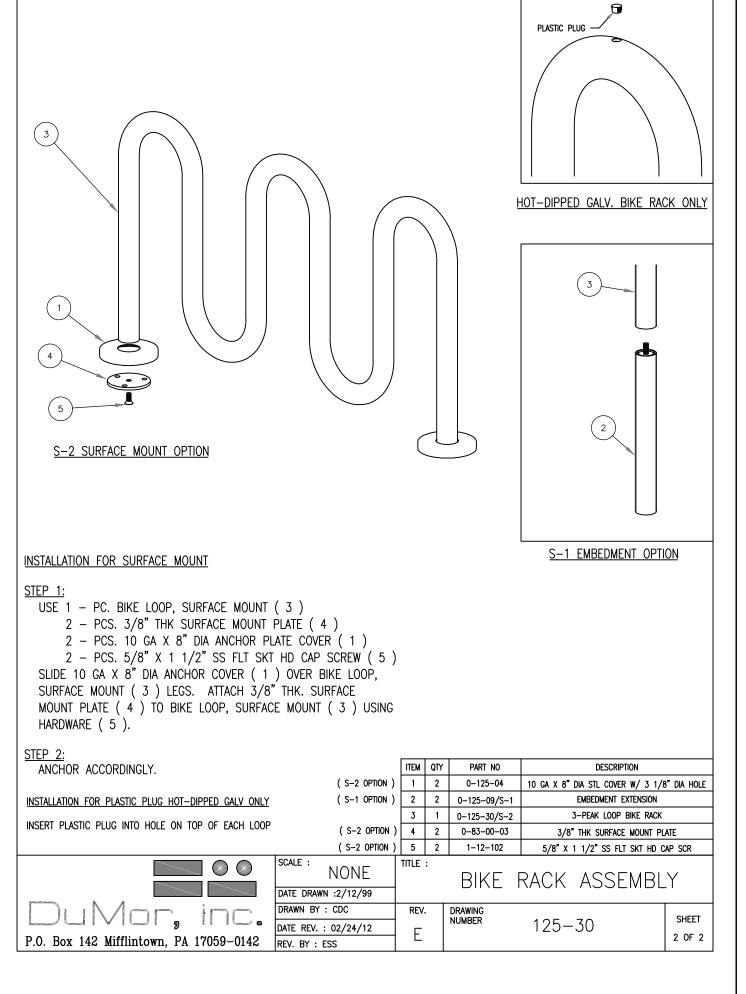
HARDSCAPE **DETAILS II**

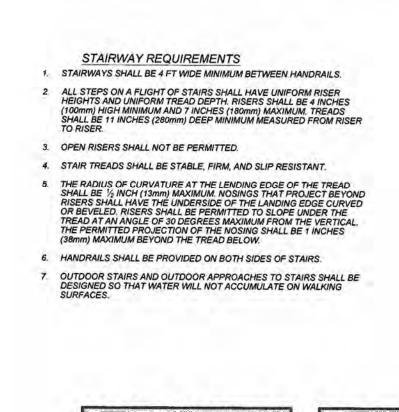
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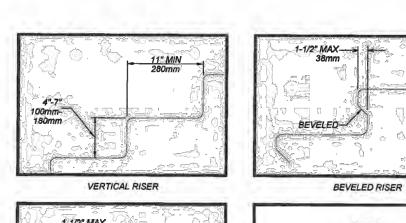
DRB

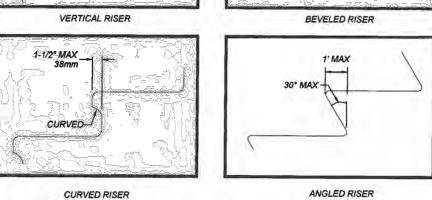
C03.3







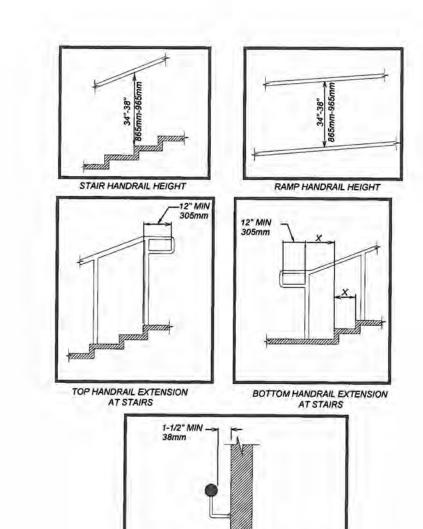




HANDRAIL REQUIREMENTS HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS.

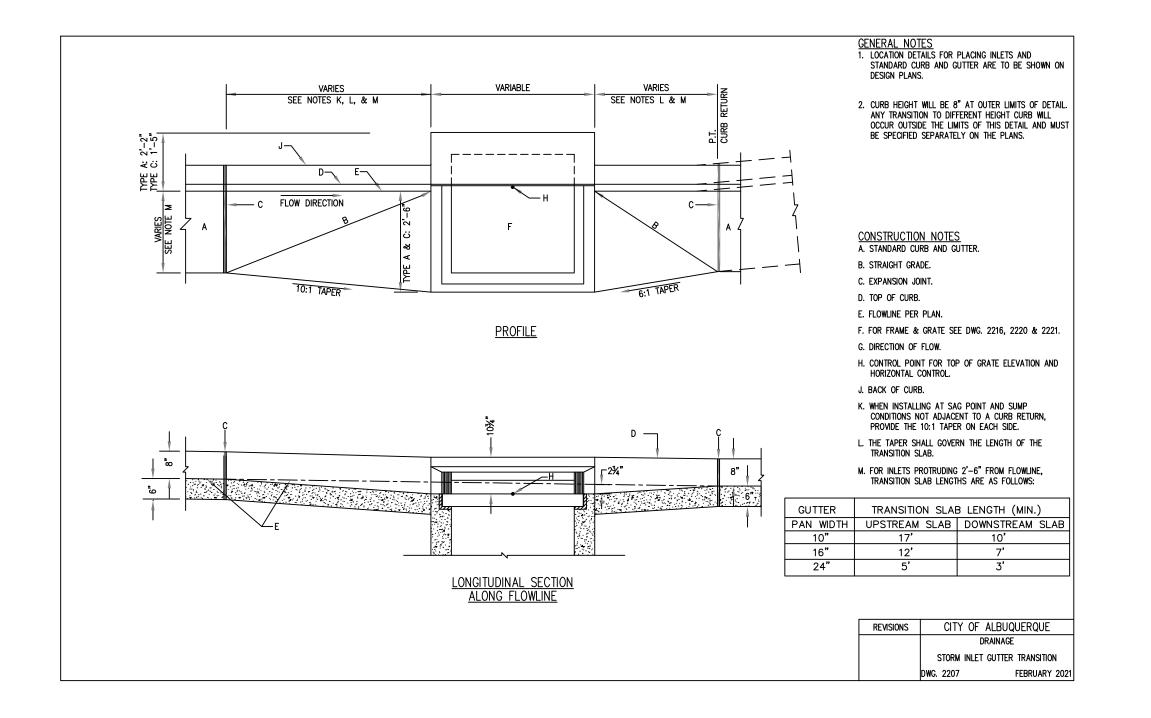
- HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS ON SWITCH BACK OR DOGLEG STAIRS OR RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS.
- 3. TOP GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES (865mm)
 MINIMUM AND 38 INCHES (965mm) MAXIMUM VERTICALLY ABOVE STAIR
 NOSINGS AND RAMP SURFACES. HANDRAILS SHALL BE AT A
 CONSISTENT HEIGHT ABOVE STAIR NOSINGS AND RAMP SURFACES. 4. CLEAR SPACE BETWEEN HANDRAIL AND WALL SHALL BE 1 INCH (38mm)
- GRIPPING SURFACES SHALL BE CONTINUOUS WITHOUT INTERRUPTION BY NEW POSTS OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS. EXCEPTION:
 HANDRAIL BRACKETS OR BALUSTERS ATTACHED TO THE BOTTOM
 SURFACE OF THE HANDRAIL SHALL NOT BE CONSIDERED
 OBSTRUCTIONS PROVIDED THEY COMPLY WITH THE FOLLOWING
- A. NOT MORE THAN 20 PERCENT OF THE HANDRAIL LENGTH IS OBSTRUCTED.

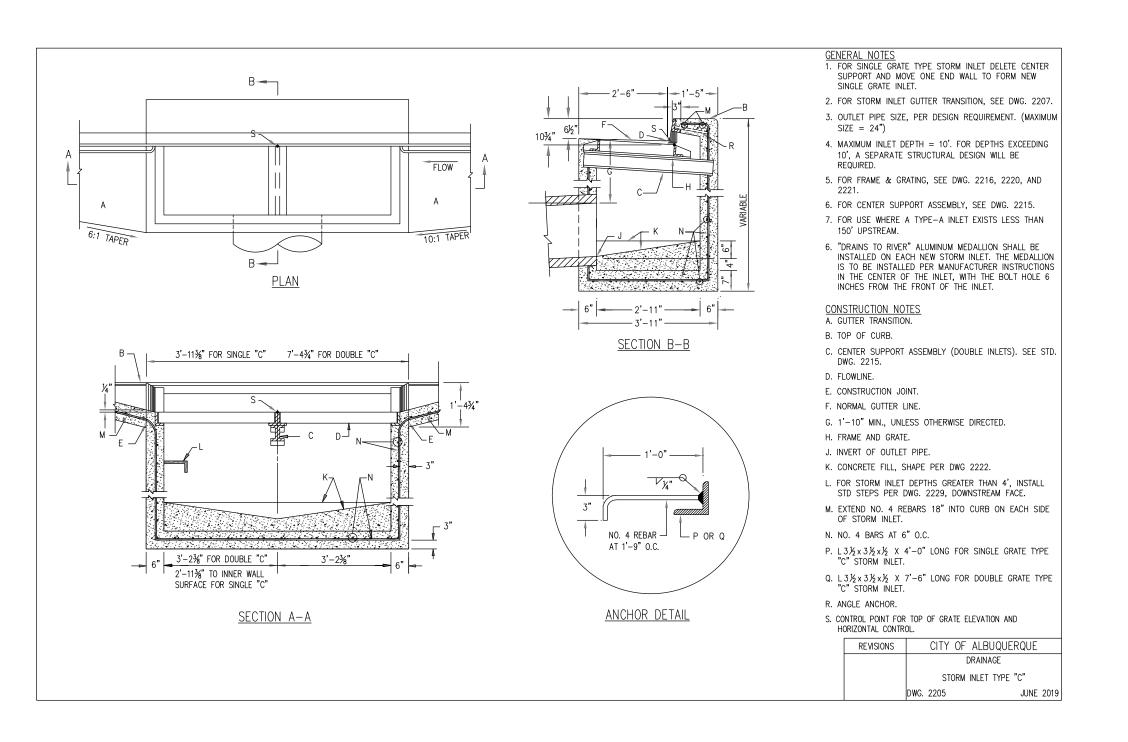
 B. HORIZONTAL PROJECTIONS BEYOND THE SIDES OF THE HANDRAIL OCCUR 2 INCHES (64mm) MINIMUM BELOW THE BOTTOM OF THE HANDRAIL AND
- C. EDGES HAVE 11 INCH (32MM) MINIMUM RADIUS. 6. HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OD 1-1/4" or 1.25" INCH (32mm) MINIMUM AND 2 INCH (51mm) MAXIMUM OR SHALL PROVIDE EQUIVALENT GRASPABILITY. EXCEPTION: HANDRAILS WITH OTHER SHAPES SHALL BE PERMITTED PROVIDED THEY HAVE A PERIMETER DIMENSION OF 4 INCH (100mm) MINIMUM AND A 6.25 INCH(160mm) MAXIMUM AND PROVIDED THEIR LARGEST CROSS SECTION DIMENSION IS 2.25 INCH (57mm) MAXIMUM.
- HANDRAILS AND ANY WALL OR OTHER SURFACES ADJACENT TO THEM, SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE 1 INCH (32mm) MINIMUM RADIUS.
- HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS. HANDRAILS FOR STAIRS AND RAMPS SHALL HAVE EXTENSIONS. EXCEPTIONS:
 A. EXTENSIONS ARE NOT REQUIRED FOR CONTINUOUS HANDRAILS AT THE INSIDE TURN OF STAIRS AND RAMPS
 B. IN ALTERATIONS FULL EXTENSIONS OF HANDRAILS SHALL NOT BE REQUIRED WHERE SUCH EXTENSIONS WOULD BE HAZARDOUS OR IMPOSSIBLE DUE TO PLAN CONFIGURATION.
- RAMP HANDRAILS SHALL EXTEND HORIZONTALLY 12 INCHES (305mm) MINIMUM BEYOND OF RAMP RUNS SUCH EXTENSION SHALL RETURN TO WALL GUARD OR THE WALKING SURFACE OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT RAMP RUN.
- 11. AT THE TOP OF A STAIR FLIGHT HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES (305mm) MINIMUM BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. SUCH EXTENSIONS SHALL RETURN TO A WALL, OR THE WALKING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.
- 12. AT THE BOTTOM OF THE STAIR FLIGHT HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE AT LEAST EQUAL TO ON TREAD DEPTH BEYOND THE LAST RISER NOSING. EXTENSIONS SHALL RETURN TO A WELL, GUARD, OR THE LANDING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.

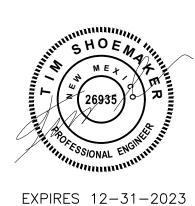




DEPARTMENT OF TRANSPORTATION STANDARD DRAWING PEDESTRIAN ACCESS DETAILS STAIRWAY AND HANDRAILS 608-001-11









<u>^2</u>



PANDA PROJECT #: S8-22-D8582

D8582

PANDA EXPRESS, INC.

1683 Walnut Grove Ave.

Rosemead, California

Telephone: 626.799.9898

Facsimile: 626.372.8288

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DRB Project No. PR-2022-006547

09-21-22

DRB 1st RESUBMITTAL

SI-2022-00216-SITE PLAN

DRB 2nd RESUBMITTAL

DRB 3rd RESUBMITTAL

DRB 4th RESUBMITTAL

REVISIONS:

ISSUE DATE:

DRAWN BY:

PANDA STORE #:

608-11 of 12

DRB SUBMITTAL

650 E. Algonquin Road Suite 250 Schaumburg, IL 60173 Telephone: (847) 756 - 4180

www.rtmec.com OH Certificate of Authority: 05046

Heights Venture ARCHITECTURE • DESIGN

HOUSTON 1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240 Plano, Texas. 75024 Houston, Texas 77008 972 490 7292 V

713 869 1103 V

PANDA EXPRESS

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-2022

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SUBMITTAL

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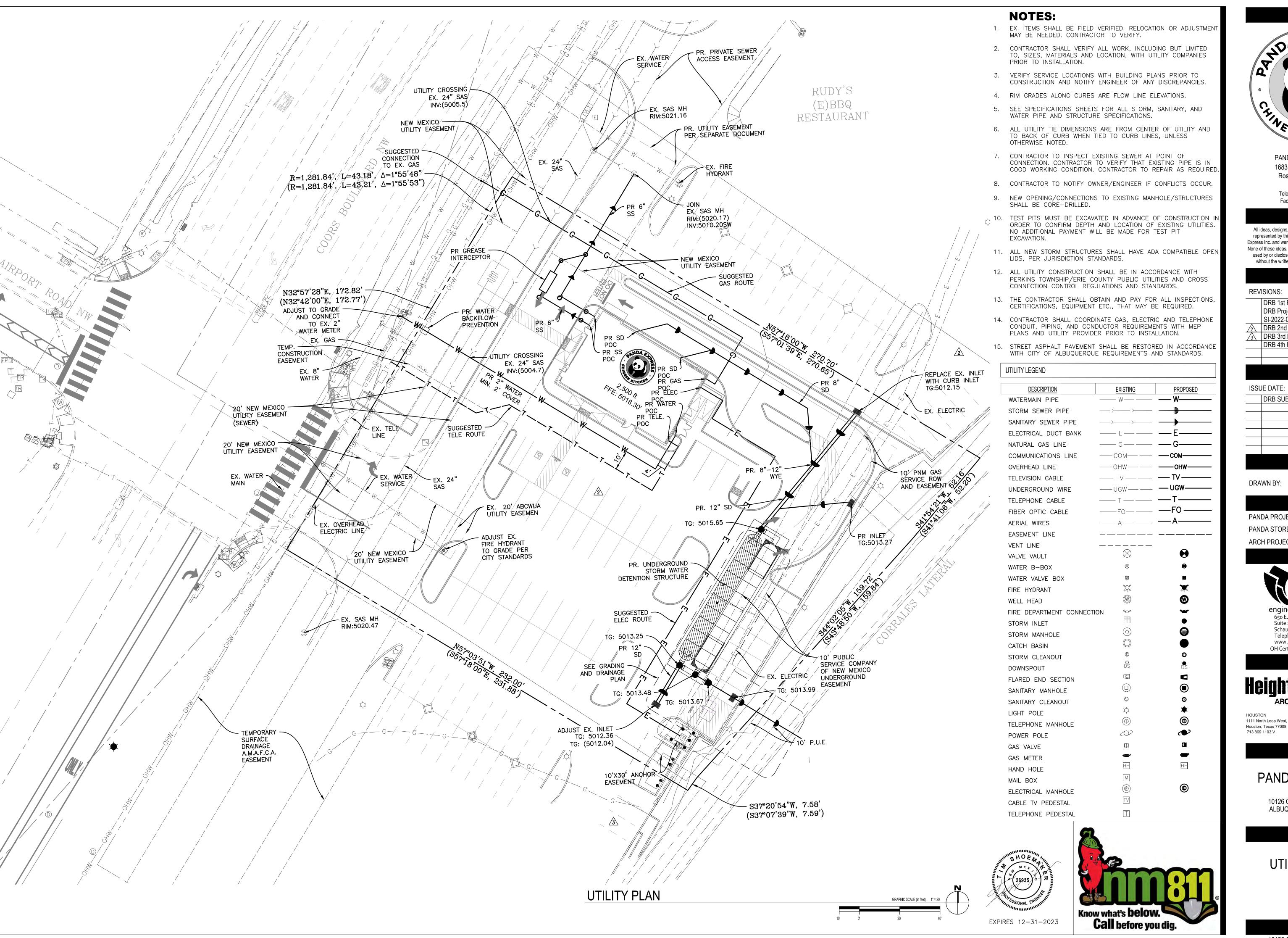
10126 COORS BOULEVARD

ALBUQUERQUE, NM 87114

HARDSCAPE **DETAILS III**

C03.4







> Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

DRB 1st RESUBMITTAL DRB Project No. PR-2022-006547 SI-2022-00216-SITE PLAN DRB 2nd RESUBMITTAL 05-04-22 09-21-22 DRB 3rd RESUBMITTAL

DRB 4th RESUBMITTAL

ISSUE DATE:

DRB SUBMITTAL 12-28-21

DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582

ARCH PROJECT #: D8582

PANDA STORE #:

650 E. Algonquin Road Suite 250

Schaumburg, IL 60173 Telephone: (847) 756 - 4180 www.rtmec.com OH Certificate of Authority: 05046

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ARCHITECTURE . DESIGN

1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240 Plano, Texas. 75024 972 490 7292 V

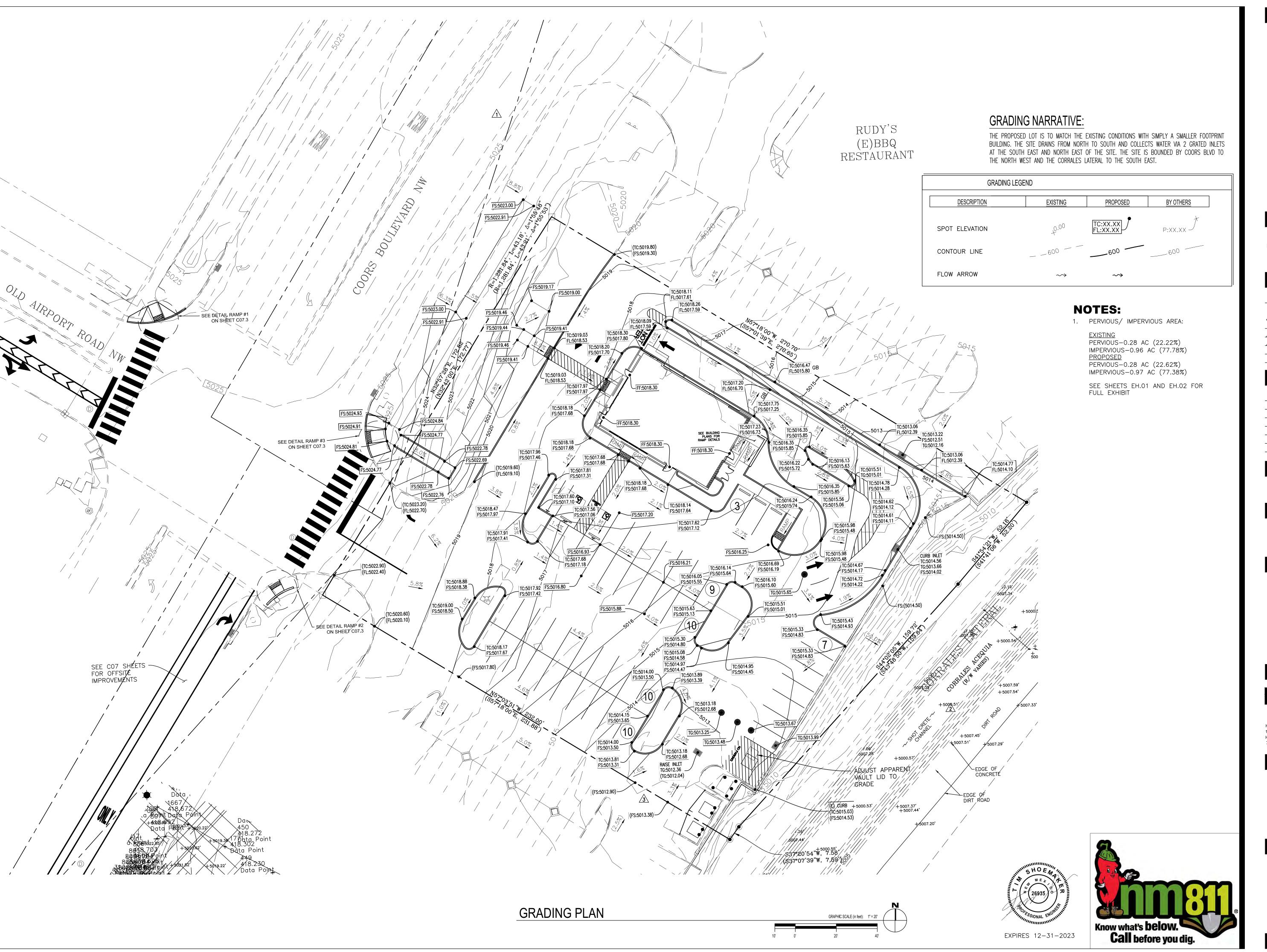
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UTILITY PLAN

C04.0





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REVISIONS:

| | DRB 1st RESUBMITTAL | 04-01-21 |
|-------------|---|----------|
| \bigwedge | DRB 1st RESUBMITTAL DRB Project No. PR-2022-0 SI-2022-00216-SITE PLAN | 06547 |
| | SI-2022-00216-SITE PLAN | |
| $\sqrt{2}$ | DRB 2nd RESUBMITTAL | 05-04-22 |
| 3 | DRB 3rd RESUBMITTAL | 09-21-22 |

DRB 4th RESUBMITTAL

ISSUE DATE:

| DRB SUBMITTAL | 12-28-2 |
|---------------------|---------|
| BUILDING PERMIT SET | 05-19-2 |
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DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582 PANDA STORE #:

ARCH PROJECT #: D8582



engineering consultants
650 E. Algonquin Road
Suite 250
Schaumburg, IL 60173
Telephone: (847) 756 - 4180

www.rtmec.com OH Certificate of Authority: 05046

Heights Venture ARCHITECTURE & DESIGN

HOUSTON

1111 North Loop West, Suite 800
Houston, Texas 77008
713 869 1103 V

DALLAS

5717 Legacy Drive, Suite 240
Plano, Texas. 75024
972 490 7292 V

PANDA EXPRESS

-2022

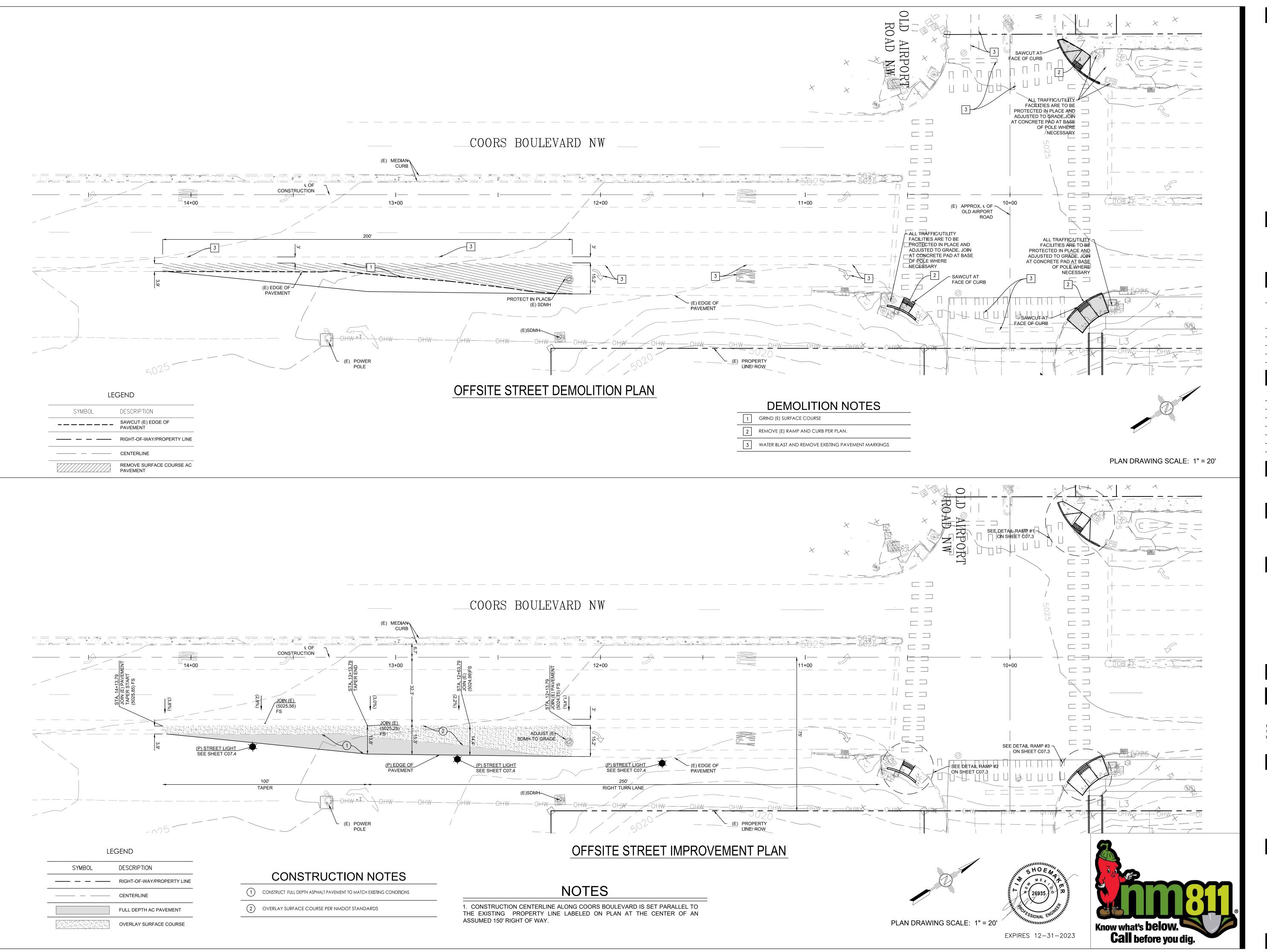
SUBMITTAL

DRB

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GRADING PLAN

C05.0





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 5717 Legacy Drive, Suite 240

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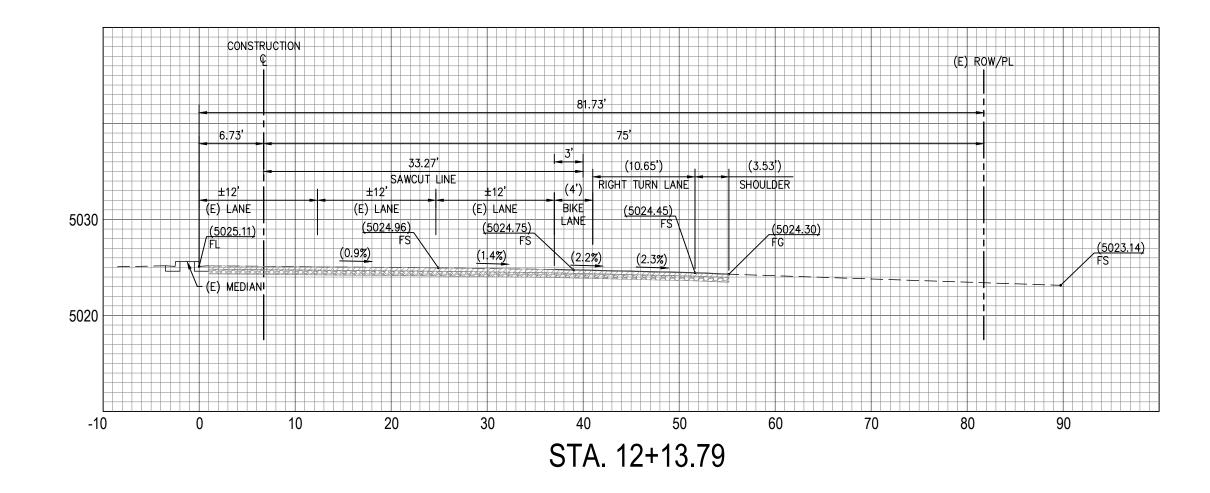
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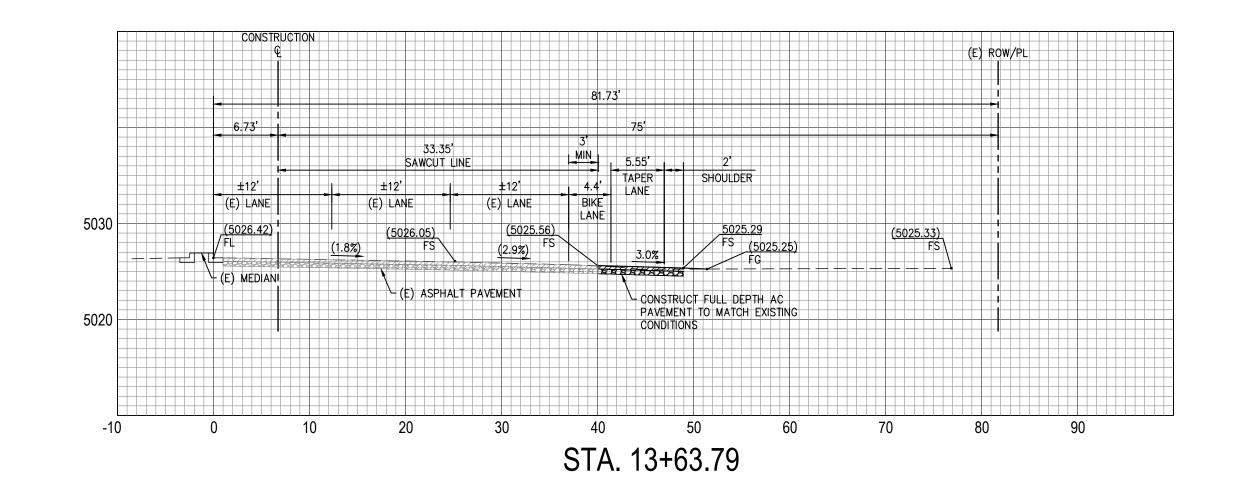
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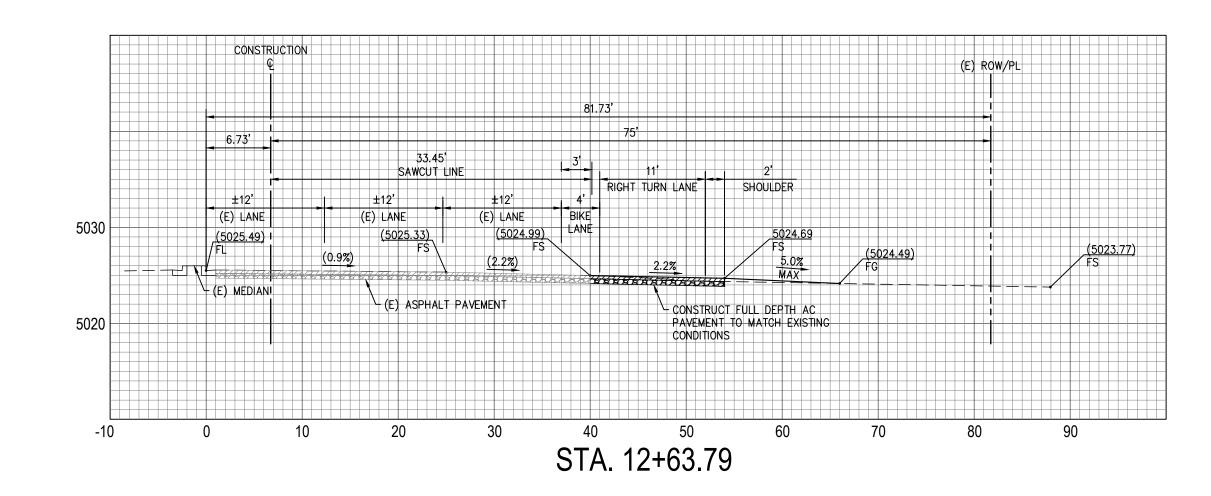
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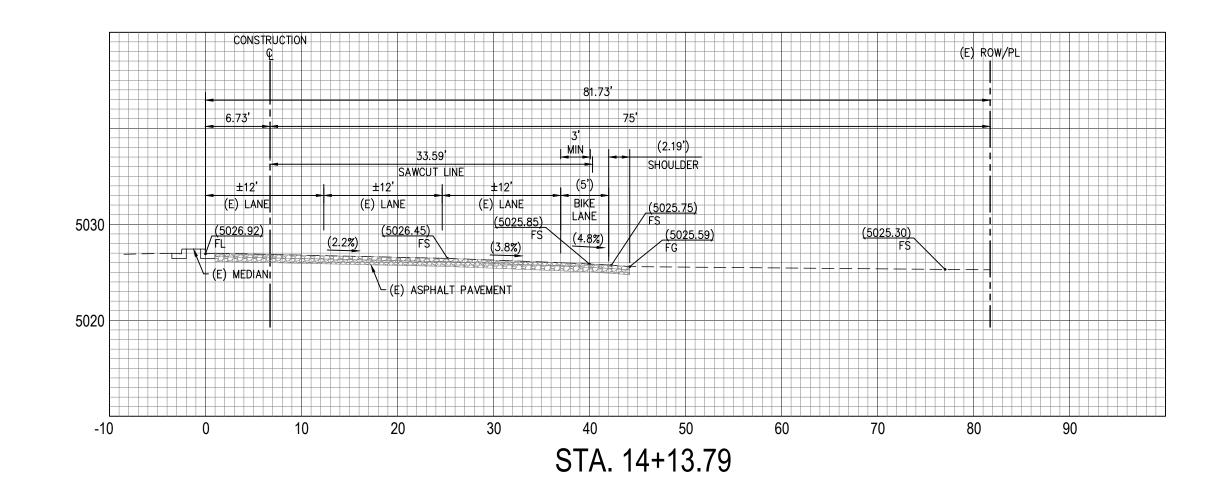
OFFSITE STREET
DEMOLITION &
IMPROVEMENT PLAN

C07.0

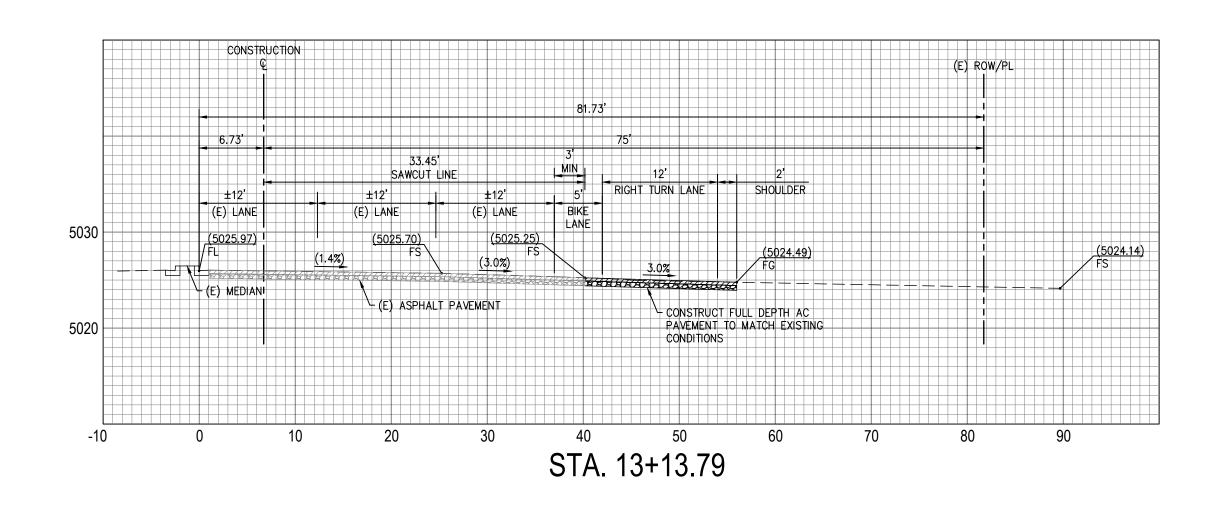








SCALE: 1" = 10'









PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California 91770

Telephone: 626.799.9898 Facsimile: 626.372.8288

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PANDA STORE #: D8582

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972 490 7292 V

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1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240
Houston, Texas 77008 Plano, Texas. 75024

713 869 1103 V

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OFFSITE STREET
IMPROVEMENT
CROSS SECTIONS

C07.1

STRIPING GENERAL NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL SIGNING AND STRIPING.
- 2. ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL CONFORM TO LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THESE PLANS AND THE SPECIAL PROVISIONS.
- 3. ALL SIGNING AND STRIPING IS SUBJECT TO THE APPROVAL OF THE CITY'S TRAFFIC ENGINEERING DIVISION, OR HIS REPRESENTATIVE, PRIOR TO INSTALLATION.
- 4. ANY DEVIATION FROM THESE SIGNING AND STRIPING PLANS SHALL BE APPROVED BY THE CITY'S PROJECT MANAGER HIS REPRESENTATIVE PRIOR TO ANY CHANGE IN THE FIELD.
- 5. ALL REGULATORY, WARNING AND OR STREET SIGNS SHALL CONFORM TO THE 2009 MUTCD STANDARDS FOR SIGN SIZE; UPPER AND LOWER CASE; LETTER SIZE; AND RETRO-REFLECTIVITY REQUIREMENTS.
- 6. LETTERING ON STREET NAME SIGNS SHALL MEET THE STANDARDS BELOW:

| TYPE OF MOUNTING | TYPE OF STREET | UPPER CASE | LOWER CASE | PLATE SIZE |
|------------------|----------------|------------|------------|------------|
| OVERHEAD | ALL TYPES | 12 IN. | 9 IN. | 18 IN. |
| POST-MOUNTED | ARTERIAL | 8 IN. | 6 IN. | 12 IN. |
| POST-MOUNTED | NON-ARTERIAL | 6 IN. | 4.5 IN. | 10 IN. |

- 7. REGULATORY SIGNS SHALL BE RETROREFLECTIVE OR ILLUMINATED (SEE MUTCD 2009 SECTION 2A.07) TO SHOW THE SAME SHAPE AND SIMILAR COLOR BY BOTH DAY AND NIGHT. SIZES FOR REGULATORY SIGNS ARE REFERENCED IN THE 2009 MUTCD SECTION 2B.03 AND SHALL BE AS SHOWN IN TABLE 2B-1. (A MINIMUM SIZE OF 36 X 36 INCHES SHALL BE USED FOR STOP SIGNS THAT FACE MULTI-LANE APPROACHES.)
- 8. PRIOR TO FINAL ACCEPTANCE OF STREET IMPROVEMENTS, ALL STREET SIGNS, STRIPING AND MARKINGS WITHIN A 500' PERIMETER OF THE CONSTRUCTION PROJECT WILL BE RESTORED TO A "LIKE NEW" CONDITION, IN A MANNER MEETING THE APPROVAL OF THE CITY'S CONSTRUCTION MANAGER.
- 9. CONTRACTOR SHALL REMOVE ALL CONFLICTING PAINTED LINES, MARKINGS AND PAVEMENT LEGENDS.
- 10. ALL CROSSWALKS, LIMIT LINES, STOP BARS, PAVEMENT ARROWS AND PAVEMENT LEGENDS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED. CONTINENTAL BARS ARE THE STANDARD FOR CROSSWALKS, IN ALL CASES THERE IS A NEED TO FIRST RESPECT THE WHEEL PATHS (IE PLACEMENT ESTABLISHED BY LANE WIDTH) AND SECOND THAT THE BARS BE PARALLEL TO THE FLOW OF TRAFFIC (IE NOT NECESSARILY PERPENDICULAR TO THE CROSSWALK PATH —RAMP TO RAMP).

STRIPING LEGEND

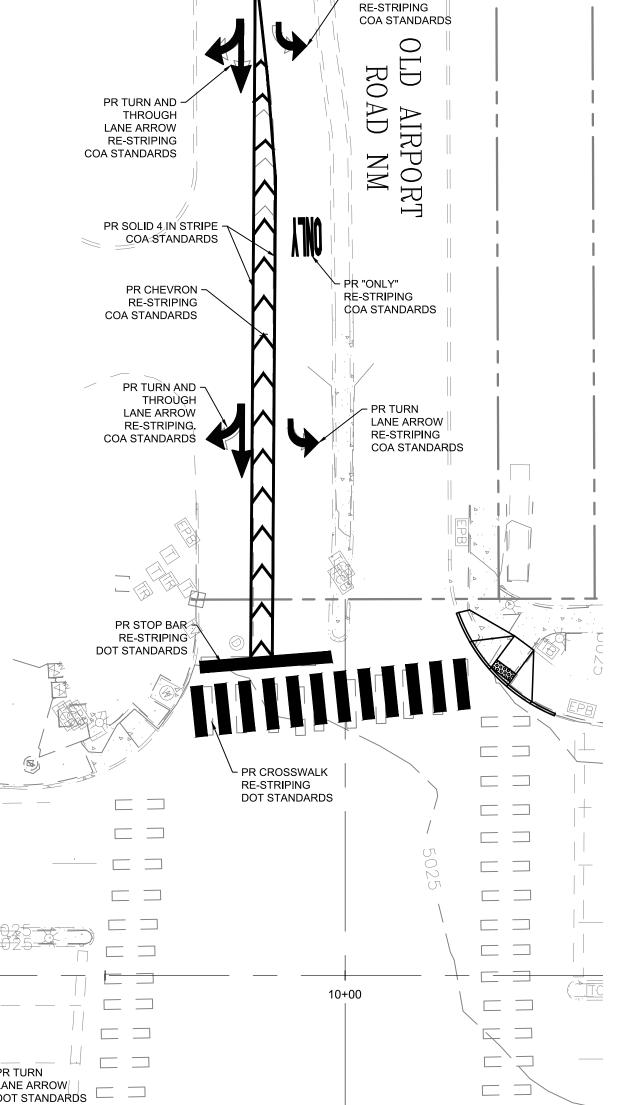


6" DASHED WHITE HOT THERMOPLASTIC PAVEMENT STRIPE (2' STRIPE, 4' GAP)



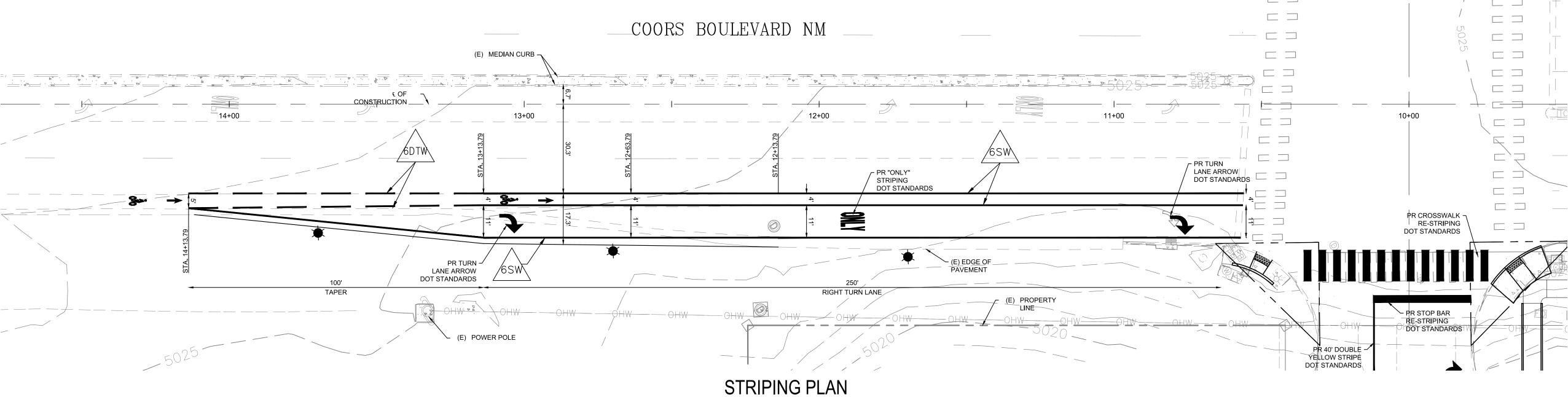
6" SOLID WHITE HOT THERMOPLASTIC PAVEMENT STRIPE

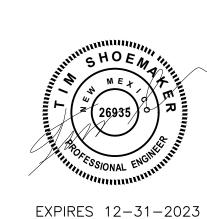
| STANDARD DETAILS | | | | | |
|---|------------|--------------------|--|--|--|
| JURISDICTION | DETAIL NO. | DETAIL DESCRIPTION | | | |
| NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS | 704-03-1/2 | ONLY STRIPING | | | |
| NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS | 704-03-1/2 | CROSSWALK STRIPING | | | |
| NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS | 704-03-1/2 | TURN ARROWS | | | |
| CITY OF ALBUQUERQUE | 2600-105 | TURN ARROWS | | | |
| CITY OF ALBUQUERQUE | 2600-107 | CHEVRON STRIPING | | | |



~ PR TURN

LANE ARROW







PLAN DRAWING SCALE: 1" = 20'



PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California 91770

Telephone: 626.799.9898 Facsimile: 626.372.8288

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PANDA PROJECT #: S8-22-D8582
PANDA STORE #: D8582

ARCH PROJECT #: D8582



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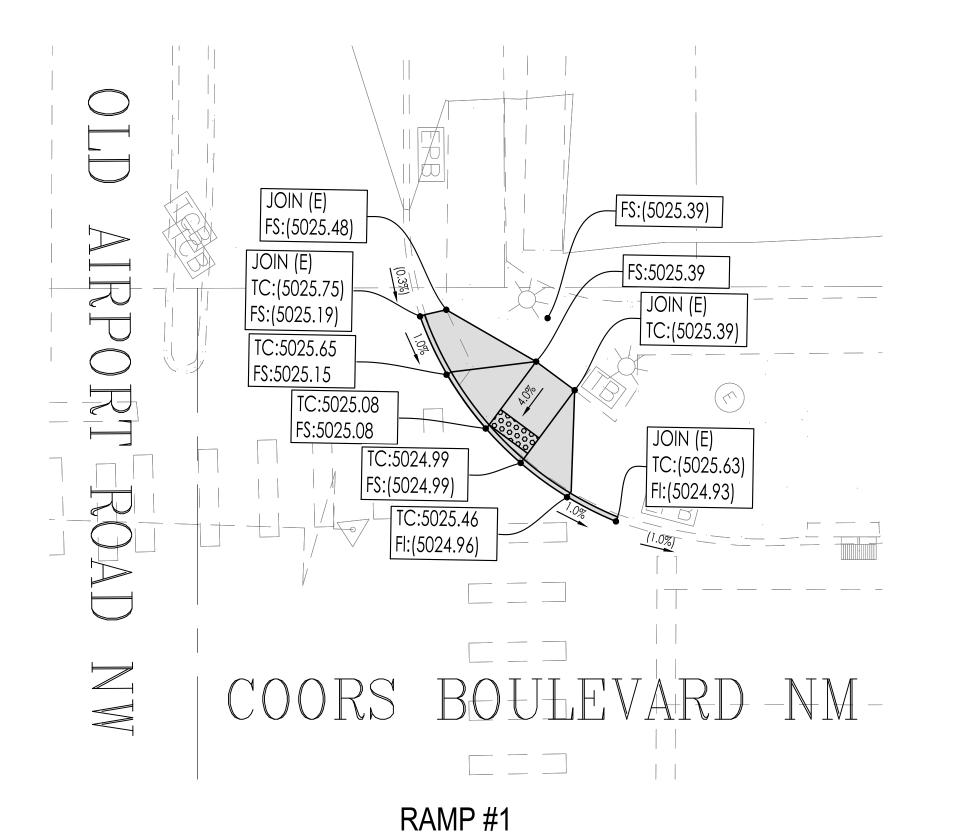
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5717 Legacy Drive, Suite 240
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PANDA EXPRESS

10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

OFFSITE STREET STRIPING PLAN

C07.2



NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL RAMPS PER MOST UP TO DATE ADA
- 2. CONTRACTOR TO REMOVE AND JOIN EXISTING CURB AND NEAREST JOINT.
- 3. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL UTILITY FACILITIES IN PLACE AND ADJUSTING TO GRADE IF NECESSARY.
- 4. CURB RAMPS ARE TO COMPLY WITH TO THE FOLLOWING STANDARDS:

NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS FOR HIGHWAY AND BRIDGE CONSTRUCTION (SECTION 608: PEDESTRIAN ACCESS DETAILS (ADA)) •608-001-Ì

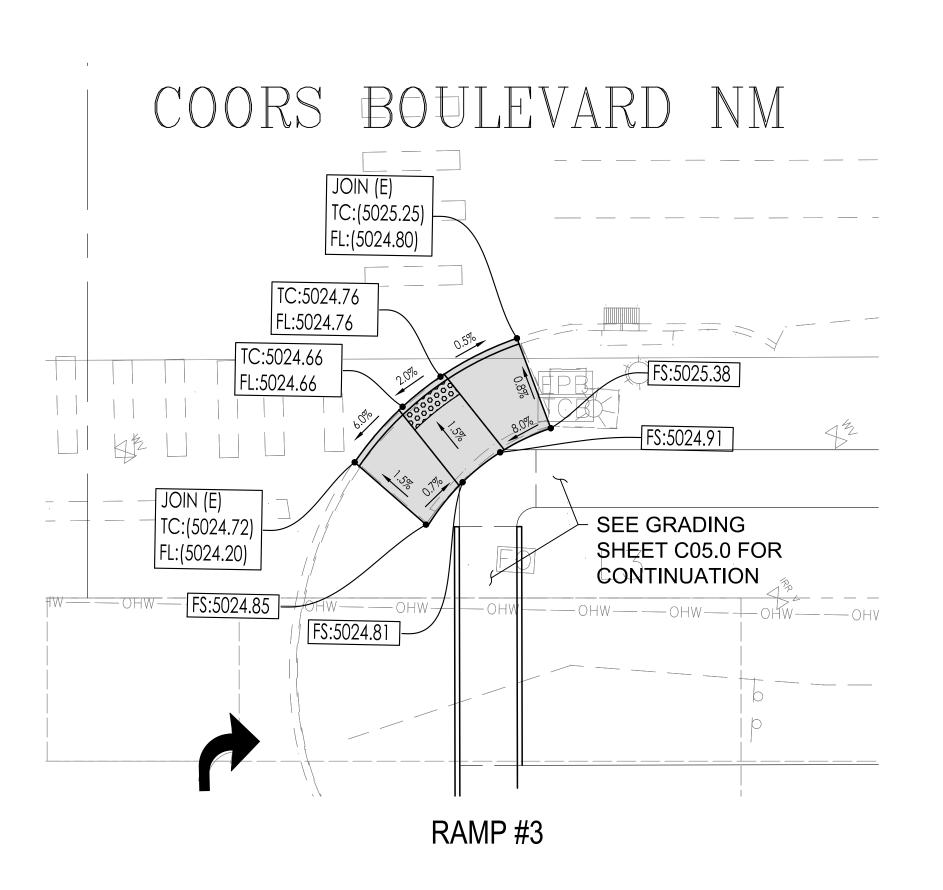
- •608-001-4 •608-001-8
- THE CITY OF ALBUQUERQUE STANDARD DRAWINGS
- •2440
- 2441 2446 2447

LEGEND

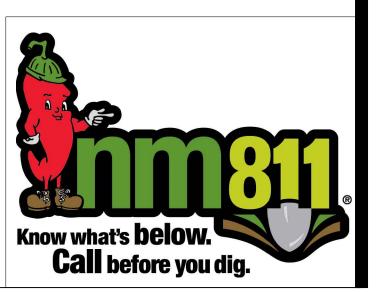
DESCRIPTION

ADA RAMP IMPROVEMENT

COORS BOULEYARD NM JOIN (E) TC:(5024.33) FS:(5024.67) FL:(5024.28) FL:(5024.36) TC:5024.92 FS:5024.42 TC:5024.95 FS:5024.45 TC:(5024.6) FS:(5024.6) ___OHW_____ RAMP #2









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ISSUE DATE:

PANDA STORE #:

PANDA PROJECT #: S8-22-D8582

D8582 ARCH PROJECT #: D8582



engineering consultants
650 E. Algonquin Road
Suite 250
Schaumburg, IL 60173
Telephone: (847) 756 - 4180 OH Certificate of Authority: 05046

Heights Venture

ARCHITECTURE : DESIGN

Houston, Texas 77008

713 869 1103 V

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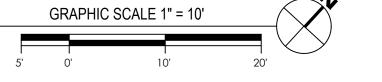
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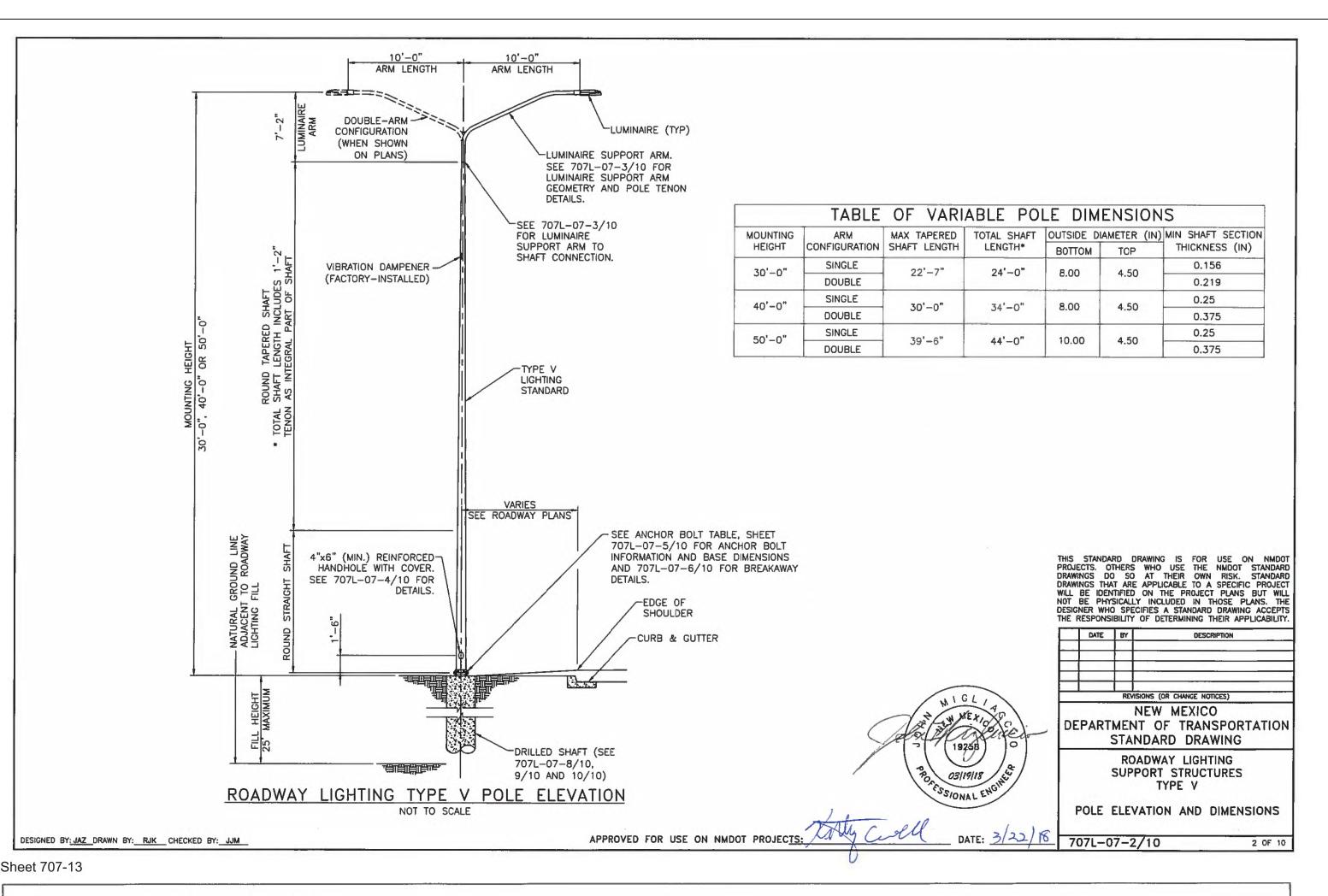
OFFSITE STREET IMPROVEMENT ADA RAMP DETAILS

C07.3

10126 COORS BOULEVARD

OFFSITE STREET IMPROVEMENT PLAN ADA RAMP DETAILS

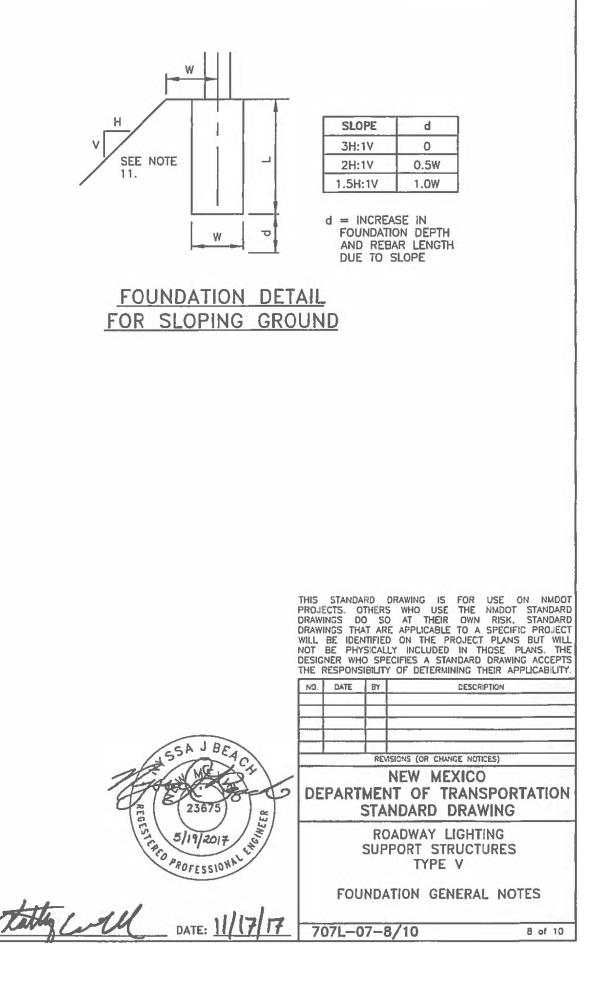




FOUNDATION NOTES:

- 1. DRILLED SHAFT FOUNDATIONS SHALL CONFORM TO SECTION 502 AND SPREAD FOOTING FOUNDATIONS SHALL CONFORM TO SECTION 511 OF THE LATEST EDITION OF THE NEW MEXICO STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION. FOUNDATIONS SHALL BE COMPLETED AT LEAST 7 DAYS BEFORE ERECTING LIGHTING STRUCTURES ON THE
- 2. ALLIMINUM ROADWAY LIGHTING SUPPORT STRUCTURES TYPE V FOR THE 30 FT, 40 FT, AND 50 FT CASES, AND ASSOCIATED FOUNDATIONS, ARE DESIGNED TO CONFORM TO 2015 (1ST EDITION) AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS. STEEL DECORATIVE (ORNAMENTAL) LIGHTING, AND ASSOCIATED FOUNDATIONS, IS DESIGNED TO CONFORM TO 2009 (5TH EDITION) AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.
- 3. ALL CONCRETE FOR DRILLED SHAFT FOUNDATIONS SHALL BE CLASS G, f'c = 3000 PSI. ALL CONCRETE FOR SPREAD FOOTING FOUNDATIONS SHALL BE CLASS A, I'C = 3000 PSI. CONCRETE SHALL CONFORM TO SECTION 510 - PORTLAND CEMENT CONCRETE. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED %" UNLESS OTHERWISE NOTED.
- 4. REINFORCING STEEL (REBAR) SHALL CONFORM TO SECTION 540 STEEL REINFORCEMENT AASHTO M 31 (ASTM A615), GRADE 60. DIMENSIONS REFER TO THE CENTERLINE OF THE BAR. ALL REINFORCING STEEL SHALL BE NON-EPOXY
- 5. ANCHOR BOLTS SHALL CONFORM TO AASHTO M 314 (ASTM F1554 GRADE 55). PROVIDE A HEX NUT, LEVELING NUT AND 2 WASHERS TOP AND BOTTOM OF EACH BOLT. ANCHOR BOLTS SHALL BE CONSIDERED INCIDENTAL TO THE FOUNDATIONS.
- 6. PROVIDE BOLT TEMPLATE FOR CAST-IN-PLACE INSTALLATION OF ANCHOR BOLTS. COORDINATE TEMPLATE REQUIREMENTS WITH BOLT CIRCLE DIAMETER, BOLT DIAMETER, AND DRILLED SHAFT DIAMETER FOR PLACEMENT AND FIT. TAKE PROPER CARE TO ALIGN FOUNDATION BOLT PATTERN WITH THE BASE PLATE PATTERN THAT RESULTS IN CORRECT CENTERLINE ALIGNMENT OF SUPPORT STRUCTURE WITH BOLT PATTERN.
- 7. PRIOR TO ERECTION OF POSTS, EXCAVATION CREATED FOR FOUNDATION CONSTRUCTION SHALL BE BACKFILLED IN ACCORDANCE WITH SECTION 210 OF THE LATEST EDITION OF THE NEW MEXICO STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION WITH MATERIAL EQUIVALENT TO THE SURROUNDING SOIL. FOUNDATION CONCRETE SHALL HAVE REACHED A MINIMUM STRENGTH OF 2200 PSI PRIOR TO BACKFILLING. BACKFILL SHALL BE CONSIDERED INCIDENTAL TO
- 8. FOUNDATION DESIGN IS FOR THE ROADWAY LIGHTING SUPPORT STRUCTURES STANDARD DIAMETERS. IF A LARGER DIAMETER IS FURNISHED, THE CONTRACTOR SHALL BUILD A LARGER FOUNDATION AS DETERMINED NECESSARY BY THE PROJECT MANAGER AND NO ADDITIONAL PAYMENT OR COMPENSATION SHALL BE MADE.
- 9. DRILLED SHAFT DESIGN CONSIDERED PARAMETERS FOR COHESIVE AND NON-COHESIVE SOILS AS WELL AS ROCK. SHOULD SITE OR SOIL CONDITIONS POSE UNIQUE CHALLENGES, CONSULT WITH THE STATE GEOTECHNICAL ENGINEER FOR ANY REMEDIAL MEASURES BEFORE PLACEMENT OF THE FOUNDATION.
- 10. DRILLED SHAFT FOUNDATION DEPTH MUST BE INCREASED IF INSTALLED ON OR NEAR (WITHIN A SHAFT DIAMETER OF) A GROUND SLOPE. IF GROUND SLOPES MINIMALLY DOWN NO MORE THAN 2 FEET AND THEN BACK UP WITHIN 1/2 FOUNDATION DEPTH, AS IN A DRAINAGE DITCH, TREAT AS IF LEVEL. SEE FOUNDATION DETAIL FOR SLOPING GROUND. THIS
- 11. FINISHED GRADE FOR ALL FOUNDATIONS SHALL BE PER THE CONTRACT DOCUMENTS. THE TOP OF STANDARD FOUNDATIONS SHALL BE FLUSH WITH ADJACENT SIDEWALK OR PAVED AREAS WHEN PRESENT AND SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT.
- 12. FOR BASE PLATE AND ANCHOR BOLT DETAILS, SEE 707L-07-5/10.

DESIGNED BY: ADA DRAWN BY: DLH __ CHECKED BY: NJB



CITY OF ALBUQUERQUE STREET LIGHT GENERAL NOTES

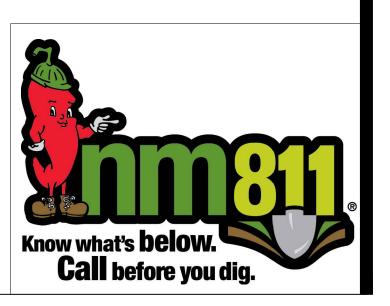
- 1. PER THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL (DPM) ARTICLE 7-4(M) THE FOLLOWING ARE THE GENERAL PROVISIONS FOR STREET LIGHTING:
- THE CITY OF ALBUQUERQUE ADHERES TO IESNA RP-8 GUIDELINES FOR ROADWAY ILLUMINANCE, UNIFORMITY RATIOS, AND VEILING LUMINANCE RATIOS. ALSO SEE IDO SECTION 14-16-5-8 OUTDOOR LIGHTING FOR
- LIGHTS SHALL BE LOCATED AT ALL INTERSECTIONS, ON CUL-DE-SAC MID-BLOCK LOCATIONS WHERE BLOCK LENGTHS EXCEED 500 FEET.
- WITH THE STANDARD ALUMINUM LABEL PERMANENTLY AFFIXED TO THE EXTERIOR OF THE STREET LIGHT POLE ABOVE THE ELECTRICAL SERVICE HAND-HOLE.
- NEW WOOD AND FIBERGLASS POLES ARE PROHIBITED TO BE USED FOR CITY ASSETS
- TABLE 7.4.83 (SEE DPM) SHOWS THE MINIMUM AVERAGE ILLUMINANCE
- THE CITY RECOMMENDED RANGES FOR THE AVERAGE MAINTAINED ILLUMINANCE LEVELS FOR VARIOUS ROADWAY CLASSIFICATIONS IS
- THESE ILLUMINANCE GUIDELINES ARE SUBJECT TO THE SPACING TO
- THE TARGET SPACING TO MOUNTING HEIGHT (S/MH) RATIO FOR
- HIGHWAY, ARTERIAL, AND COLLECTOR STREETS IS 3:5. FOR LOCAL STREETS AND ALLEYS. POLE HEIGHTS AND SPACING WILL OFTEN BE INSUFFICIENT TO ACHIEVE IESNA RECOMMENDED ILLUMINANCE LEVELS WITHOUT VIOLATING UNIFORMITY AND VEILING RECOMMENDATIONS.
- 2. REFEERENCE THE FOLLOWING:
- CITY OF ALBUQUERQUE DPM FOR FULL SPECIFICATIONS AND DESIGN
- NEW MEXICO DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS 707L-07
- 3. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS/DESIGNS ONLY TO THE CITY AND DOT FOR THEIR REVIEW AND APPROVAL.
- 4. THE CIVIL ENGINEERING PLANS SHALL NOT BE CONSTRUED TO INCLUDE



- MORE GUIDELINES.
- LOW-POWER LED LIGHTS SHALL BE INSTALLED ON ALL STREETS. • ALL STREETS SHALL BE ILLUMINATED TO IESNA STANDARDS. STREET
- STREETS OVER 200 FEET IN LENGTH, AT RIGHT ANGLE TURNS, AND AT • STREET LIGHT ELECTRICAL INFRASTRUCTURE WIRING SHALL BE ALUMINUM
- ALL STREET LIGHT POLES SHALL BE STEEL, ALUMINUM, OR OTHER CITY
- APPROVED AND UL LISTED MATERIALS.
- TO BE MAINTAINED IN THE CITY OF ALBUQUERQUE.
- PROVIDED IN TABLE 7.4.85 (SEE DPM). THE TABLE IS DERIVED FOR ALL TYPES OF ROAD SURFACE CLASSIFICATION.
- MOUNTING HEIGHT RATIO.
- THE INTENT OF THESE POLE LOCATIONS IS TO ALERT DRIVERS TO UPCOMING INTERSECTIONS AND PROVIDE A SOURCE OF ORIENTATION.

- STRUCTURAL OR ELECTRICAL DESIGN.







PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California

Telephone: 626.799.9898 Facsimile: 626.372.8288

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DRAWN BY:

PANDA PROJECT #: S8-22-D8582

PANDA STORE #: D8582 ARCH PROJECT #: D8582



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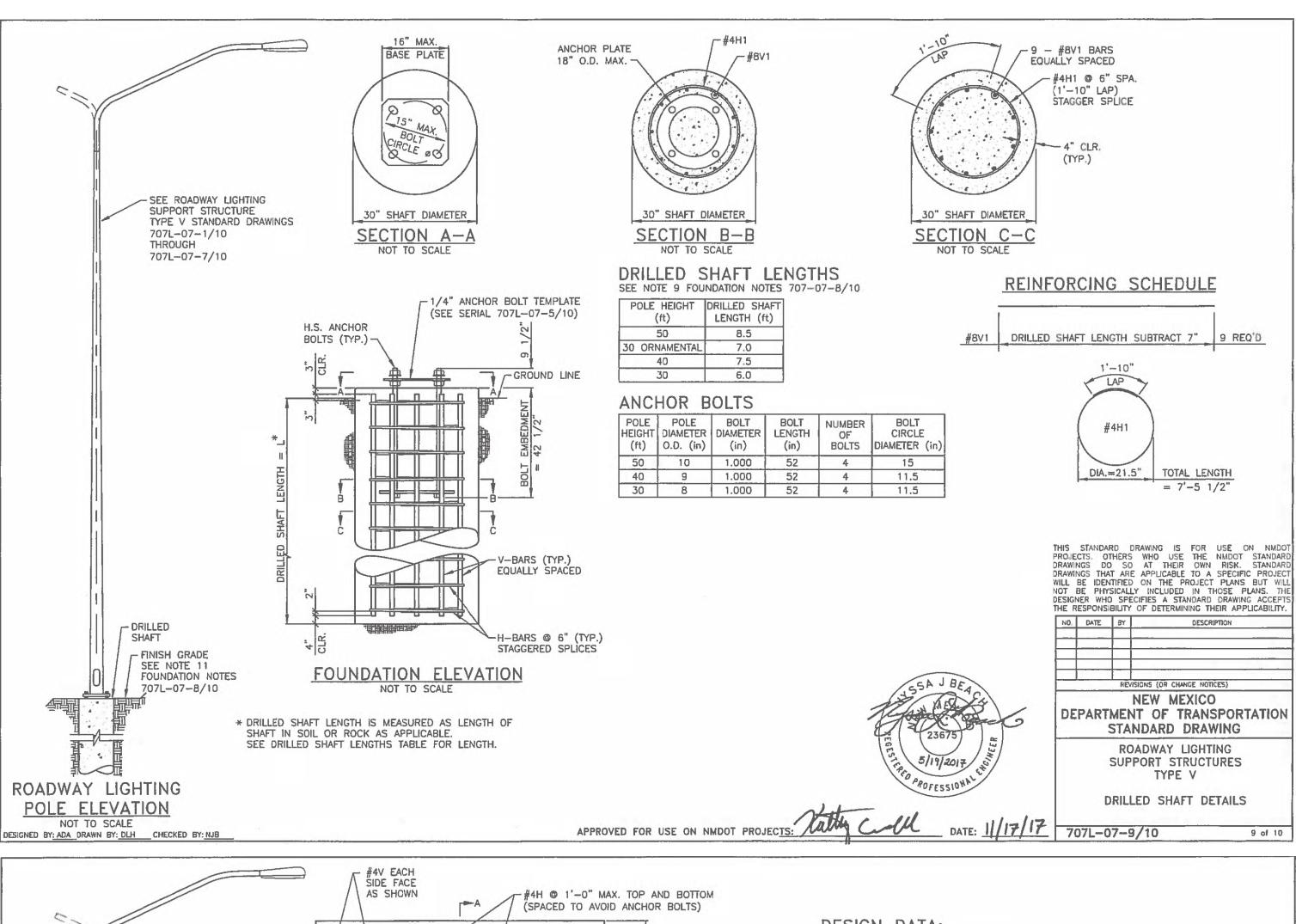
ARCHITECTURE . DESIGN

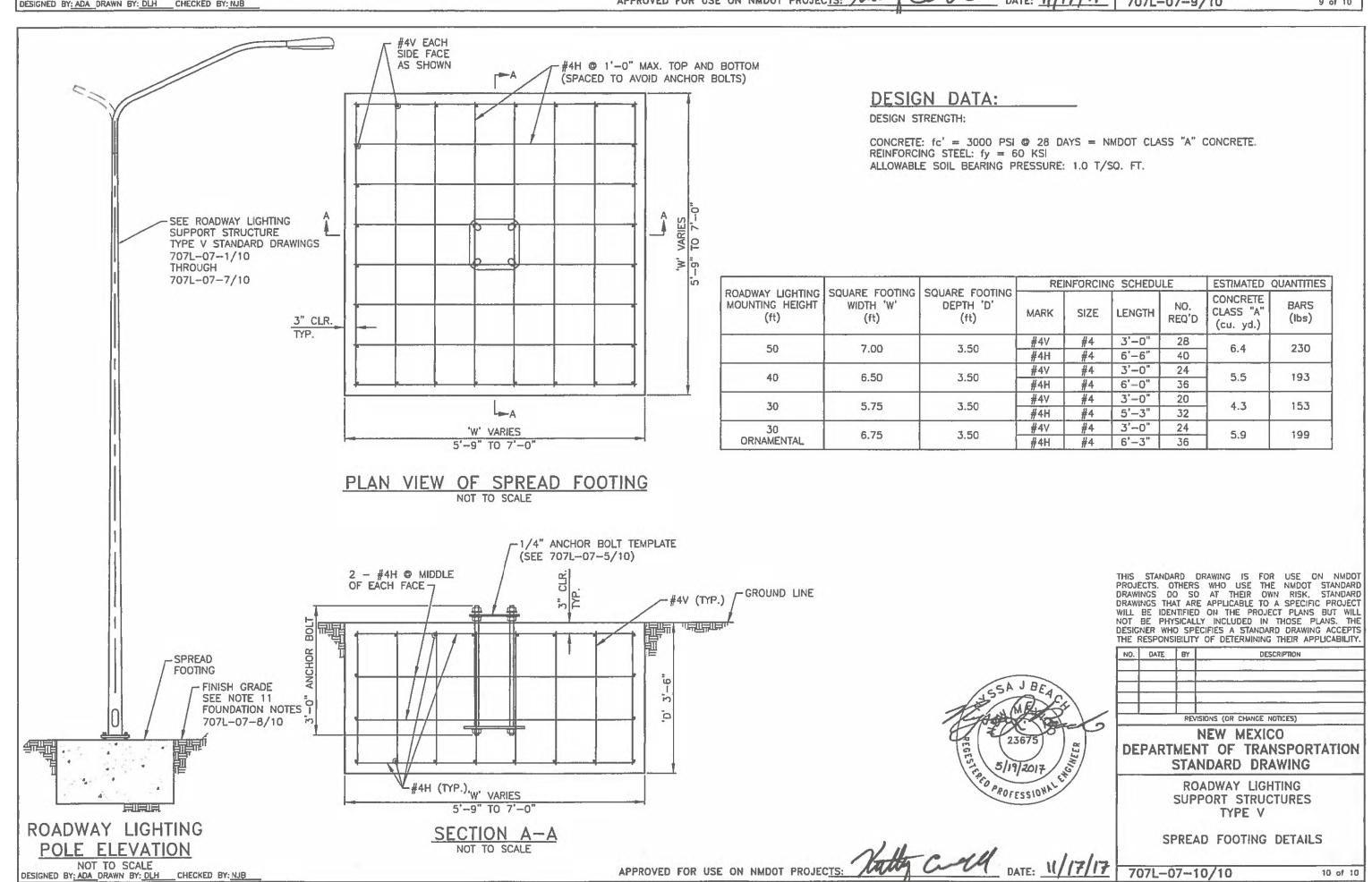
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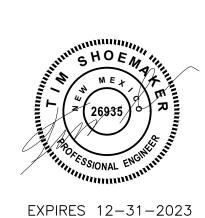
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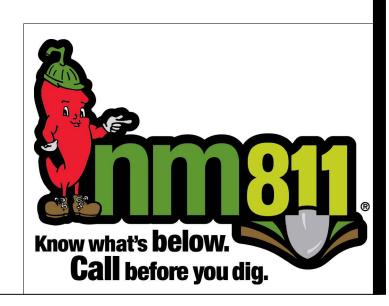
10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

OFFSITE STREET **IMPROVEMENT** STREET LIGHTING











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DRAWN BY: rtn

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Heights Venture ARCHITECTURE : DESIGN

HOUSTON DALLAS

1111 North Loop West, Suite 800
Houston, Texas 77008
713 869 1103 V
DALLAS

5717 Legacy Drive, Suite 240
Plano, Texas. 75024
972 490 7292 V

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OFFSITE STREET
IMPROVEMENT
STREET LIGHTING

C07.5



ROAD WORK G20-2-48 R2-1-48-35

MAINTENANCE OF TRAFFIC GENERAL NOTES:

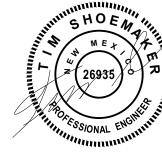
- 1. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL SITE AND ROADWAY SAFETY AND SHALL COMPLY WITH ALL OSHA, FEDERAL, STATE AND LOCAL SAFETY CRITERIA.
- 2. THE CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE ALL BARRICADES, SIGNS, SIGN POSTS, AND OTHER TRAFFIC CONTROL DEVICES REQUIRED FOR MAINTENANCE OF TRAFFIC.
- 3. THE CONTRACTOR MUST COORDINATE ALL LANE CLOSURES WITH NMDOT.
- 4. LANE CLOSURES, RAMP CLOSURES, SIGNING, PAVEMENT MARKING AND BARRICADE PLACEMENT SHALL BE IN CONFORMANCE WITH THE MOST RECENT EDITION OF THE MUTCD AND NMDOT STANDARD DETAILS.
- 5. ALL DRUMS, VERTICAL PANELS, AND BARRICADES IMMEDIATELY ADJACENT TO THE EDGE OF TRAVELED WAY SHALL BE EQUIPPED WITH BIDIRECTIONAL STEADY BURN LIGHTS. CONES WILL NOT BE ALLOWED, UNLESS NOTED. DRUM SPACING SHALL BE PER NMDOT STANDARDS.
- 6. ANY EXISTING SIGNS THAT DO NOT APPLY TO THE REVISED TRAFFIC PATTERNS SHALL BE REMOVED OR COVERED, AS DIRECTED BY THE ENGINEER. THE COVERING OR REMOVAL OF GROUND MOUNTED/OVERHEAD SIGNS SHALL BE NON-DESTRUCTIVE IN NATURE.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PROVIDING ACCESS POINTS TO THE WORK ZONE. ACCESS POINTS MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 8. WHEN THEY ARE NO LONGER NECESSARY ALL TRAFFIC CONTROL DEVICES SHALL IMMEDIATELY BE REMOVED, COVERED OR TURNED AWAY
- 9. ACCESS TO ALL PRIVATE AND COMMERCIAL DRIVEWAYS AND ENTRANCES ARE TO BE MAINTAINED DURING CONSTRUCTION.
- 10. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED OR DAMAGED OR OTHERWISE AFFECTED BY CONSTRUCTION.
- 11. CONTRACTOR TO USE FLAGGERS AND CONES, PER MUTCD AND NMDOT STANDARDS, AS NEEDED FOR CROSSWALK AND LANE RE-STRIPING ALONG BOTH COORS BLVD AND OLD AIRPORT ROAD
- 12. ADDITIONAL SIGNING MAY BE REQUIRED PER NMDOT STANDARD 702-03

NMDOT TRAFFIC CONTROL GENERAL NOTES (702-01-1/1, 2019)

- TRAFFIC CONTROL PLAN: THIS TRAFFIC CONTROL PLAN REPRESENT A SUGGESTED METHOD FOR TRAFFIC CONTROL DURING CONSTRUCTION. ADJUSTMENTS TO THE DETAILS OF THIS TRAFFIC CONTROL PLAN AND REQUIREMENTS WITHIN THE PLAN MAY BE NECESSARY FIR TO CONSTRUCTION ACTIVITIES OR AS DIRECTED BY THE PROJECT MANAGER. IF THE CONTRACTOR ELECTS TO MAKE ANY CHANGES TO THE TRAFFIC CONTROL PLAN OR SEQUENCE OF CONSTRUCTION, THE CONTRACTORS SHALL SUBMIT AT LEAST ONE (1) 11"X14" COPY OF THE PROPOSED TRAFFIC CONTROL PLAN TO THE PROJECT MANAGER AT LEAST TWO (2) WEEKS PRIOR TO THE IMPLEMENTATION. THE TRAFFIC CONTROL PLAN SHALL CONFORM WITH THE CURRENT EDITIONS OF THE MUTCD, NMDOT STANDARD SPECIFICATIONS AND AASHTO ROADSIDE DESIGN GUIDE. THE TRAFFIC CONTROL PLAN SHALL BE IN COMPUTER DRAFTER FORMAT AND SHALL BE DESIGNED, STAMPED AND REVISED AS NECESSARY BY A CURRENT NEW MEXICO LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE PROJECT MANAGER FOR APPROVAL. ALL COSTS ASSOCIATED WITH DEVELOPING THE TRAFFIC CONTROL PLAN AND ADDITIONAL DEVICES ASSOCIATED WITH THE TRAFFIC CONTROL PLAN SHALL BE INCIDENTAL TO ITEM NUMBER 618000, "TRAFFIC CONTROL MANAGEMENT".
- A. THE CONTRACTOR SHALL NOT USE TYPE I OR TYPE II BARRICADES ON THE ROADWAYS WITH SPEED LIMIT GREATER THAN 40 MPH B. THE WORK ZONE SHALL COMPLY WITH, BUT NOT LIMITED TO MUTCD AND NCHRP 476 GUIDELINES FOR DESIGN AND OPERATION OF NIGHTTIME TRAFFIC CONTROL
- PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS): ALL PCMS MESSAGES SUBMITTED TO OR DURING CONSTRUCTION SHALL BE APPROVED BY THE PROJECT MANAGER TEMPORARY STRIPING: THE CONTRACTOR SHALL PLACE TEMPORARY STRIPING, MARKINGS, TAPE BEFORE OPENING ANY WORK ZONE OR
- PORTION OF A WORK ZONE IN ACCORDANCE WITH THE MUTCD AND THE APPROVED TRAFFIC CONTROL PLAN
- CLEAR ZONE:THE CONTRACTOR SHALL PROPERLY SHIELD AND OUTLINE ALL STATIONARY OBJECTS WITHIN THE CLEAR ZONE WITH DRUMS MOUNTS WITH TYPE "A" WARNING LIGHTS. THE TYPE "A" WARNING LIGHTS SHALL BE MOUNTED AND OPERATED PER MUTCD. CONTRACTOR SHALL NOT USE VERTICALLY MOUNTED RETRO-REFLECTIVE MATERIAL IN LIEU OF TYPE "A" WARNING LIGHTS

SUGGESTED SEQUENCE OF CONSTRUCTION:

- 1. INSTALL ROAD INFORMATION SIGN(S) PER MUTCD AND NMDOT STANDARDS
- 2. INSTALL ALL MAINTENANCE OF TRAFFIC ITEMS.
- 3. COMPLETE IMPROVEMENTS
- DEMOLITION
- GRADING CONSTRUCTION OF PROPOSED ROAD
- 4. REMOVE ALL MAINTENANCE OF TRAFFIC ITEMS.



PLAN DRAWING SCALE: 1" = 40'

Know what's **below.**

Call before you dig.

EXPIRES 12-31-2023



LEGEND

CHANNELIZING DEVICE

THROUGH LANE

WORK ZONE

ARROW BOARD

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ISSUE DATE:

PANDA PROJECT #: S8-22-D8582 PANDA STORE #: D8582

ARCH PROJECT #: D8582



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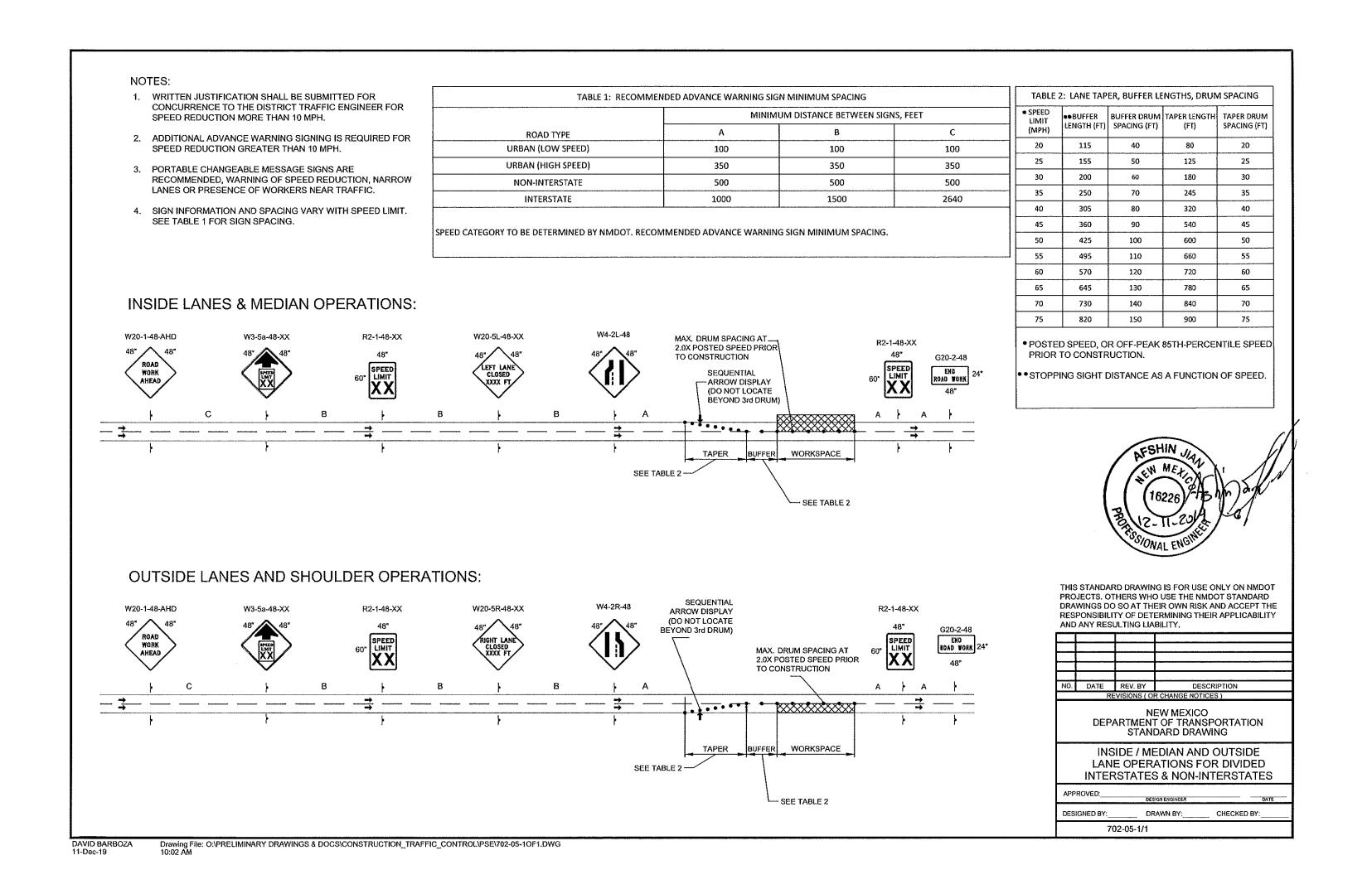
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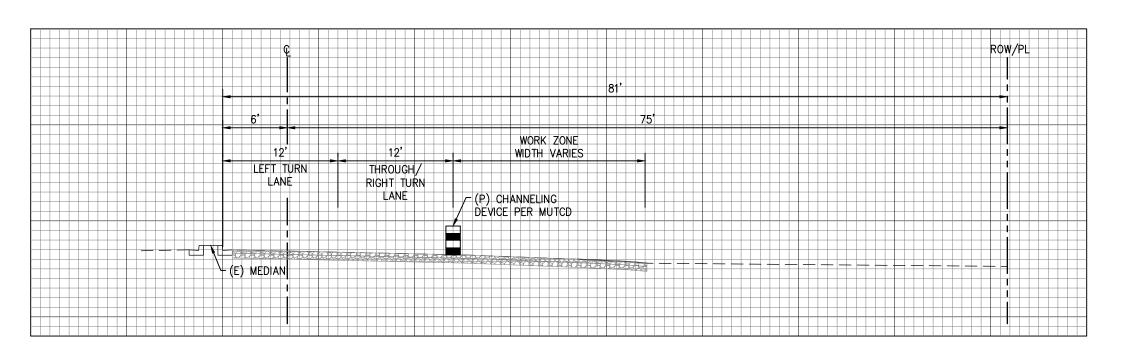
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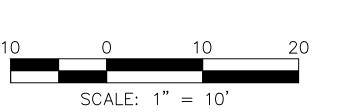
MAINTENANCE OF TRAFFIC

C08.0





TYPICAL CROSS SECTION THROUGH WORK ZONE









PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California 91770

Telephone: 626.799.9898 Facsimile: 626.372.8288

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DRAWN BY:

PANDA PROJECT #: S8-22-D8582
PANDA STORE #: D8582

ARCH PROJECT #: D8582

engineering consultants 650 E. Algonquin Road

650 E. Algonquin Road Suite 250 Schaumburg, IL 60173 Telephone: (847) 756 - 4180 www.rtmec.com OH Certificate of Authority: 05046

Heights Venture ARCHITECTURE : DESIGN

HOUSTON DALLAS

1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240

Houston, Texas 77008 Plano, Texas. 75024

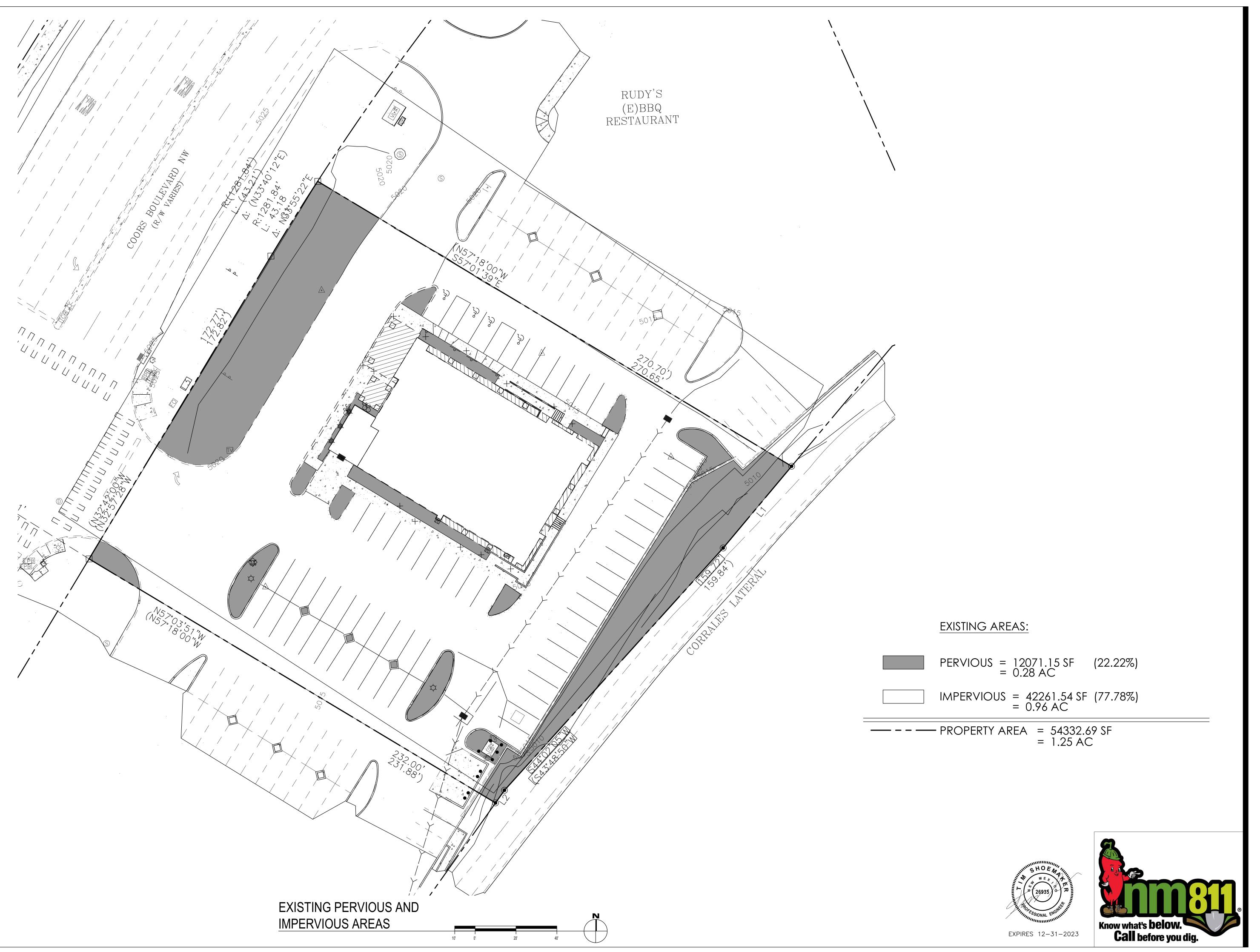
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MAINTENANCE OF TRAFFIC

C08.1





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REVISIONS:

DRB 1st RESUBMITTAL DRB Project No. PR-2022-006547 SI-2022-00216-SITE PLAN DRB 2nd RESUBMITTAL DRB 3rd RESUBMITTAL

ISSUE DATE:

DRB SUBMITTAL

DRAWN BY:

PANDA PROJECT #: S8-22-D8582 D8582

PANDA STORE #: ARCH PROJECT #: D8582



engineering consultants
650 E. Algonquin Road
Suite 250
Schaumburg, IL 60173
Telephone: (847) 756 - 4180
www.rtmec.com
OH Certificate of Authority: 05046

Heights Venture ARCHITECTURE CONTROL

HOUSTON

1111 North Loop West, Suite 800
Houston, Texas 77008
713 869 1103 V

DALLAS

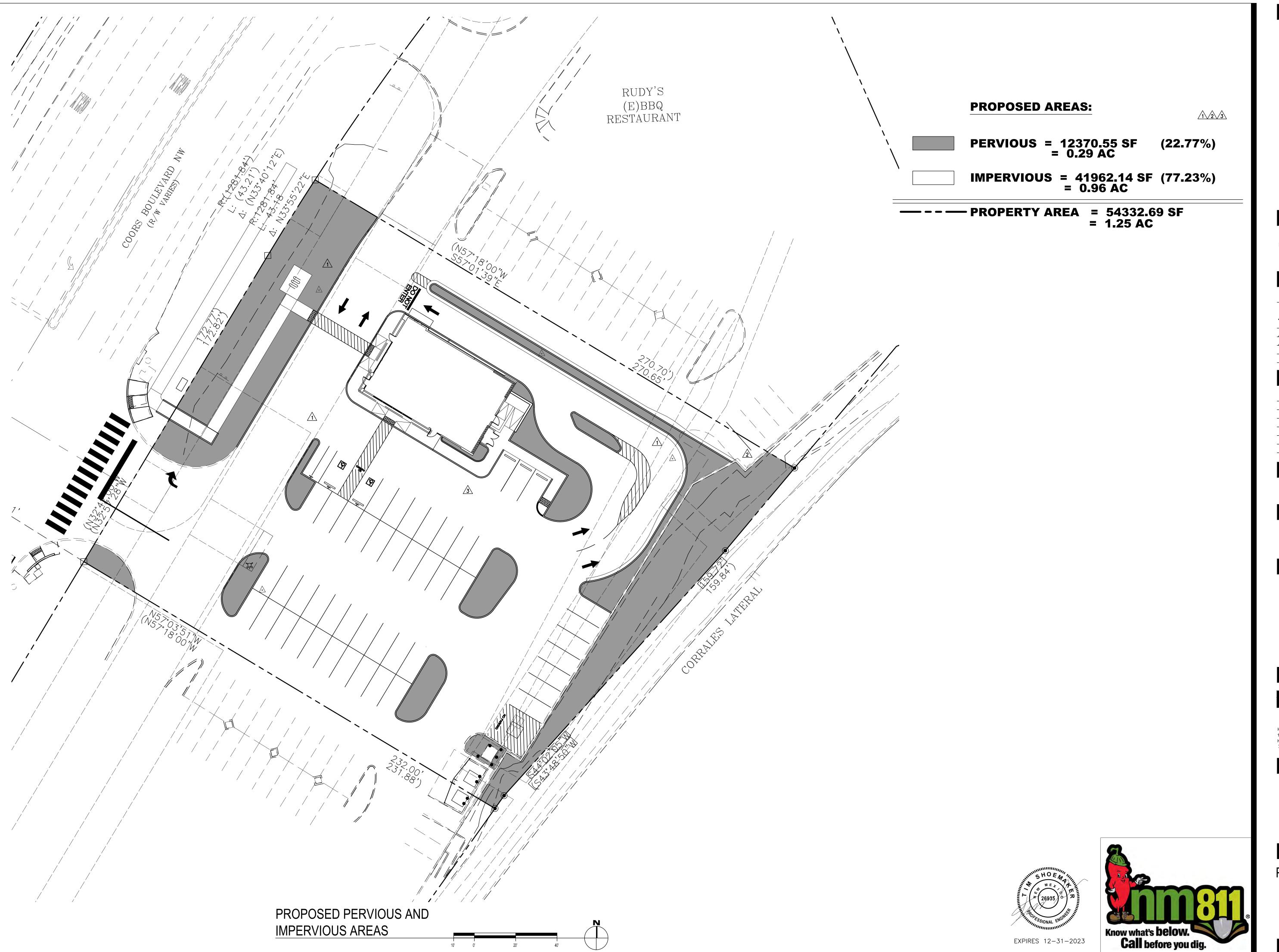
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EXISTING PERVIOUS
AND IMPERVIOUS
AREAS
EH.01

10126 COORS BOULEVARD





Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

DRB Project No. PR-2022-006547 SI-2022-00216-SITE PLAN

DRB 2nd RESUBMITTAL DRB 3rd RESUBMITTAL DRB 4th RESUBMITTAL

ISSUE DATE:

DRB SUBMITTAL

PANDA PROJECT #: S8-22-D8582

PANDA STORE #:

ARCH PROJECT #: D8582



engineering consultants
650 E. Algonquin Road
Suite 250
Schaumburg, IL 60173
Telephone: (847) 756 - 4180
www.rtmec.com
OH Certificate of Authority: 05046

Heights Venture Architecture & Design

HOUSTON

1111 North Loop West, Suite 800
Houston, Texas 77008
713 869 1103 V

DALLAS

5717 Legacy Drive, Suite 240
Plano, Texas. 75024
972 490 7292 V

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PROPOSED PERVIOUS
AND IMPERVIOUS
AREAS
EH.02

EH.02

DRB

LEGAL DESCRIPTION

LEGAL DESCRIPTION FOR LOT 2A-1, NORTHEAST PORTION OF BLACK RANCH: (AS PROVIDED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY) LOT 2A-1 OF THE NORTHEAST PORTION OF BLACK RANCH, BERNALILLO COUNTY, NEW MEXICO, AS THE SAME IS SHOWN AND DESIGNATED ON THE PLAT THEREOF FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON MAY 5, 1995, IN VOLUME 95C, FOLIO 164 AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A 1/2" REBAR FOUND FOR THE NORTHWEST CORNER OF SAID LOT 2A-1, A POINT ON THE EASTERLY RIGHT OF WAY LINE OF COORS BOULEVARD N.W.; THENCE SOUTH 57 DEG. 19'43" E, A MEASURED DISTANCE OF 270.47 FEET (SOUTH 57 DEG. 18'00" EAST 270.70 FEET OF RECORD) TO A 1/2" REBAR FOUND FOR THE NORTHEAST CORNER OF SAID LOT 2A-1, SAID POINT LYING ON THE WESTERLY RIGHT OF WAY LINE OF THE CORRALES ACEQUIA CANAL; THENCE SOUTH 41 DEG. 42'17" WEST ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 52.33 FEET (SOUTH 41 DEG. 41'06" WEST A DISTANCE OF 52.20 FEET OF RECORD) TO A FOUND 1/2" REBAR; THENCE SOUTH 43 DEG. 48'02" WEST, CONTINUING ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 159,71 FEET (SOUTH 41 DEG. 41'06" WEST A DISTANCE OF 159.84 FEET OF RECORD) TO A FOUND 1/2" REBAR; THENCE SOUTH 37 DEG. 22'13"WEST, CONTINUING ALONG SAID RIGHT OF WAY, A MEASURED DISTANCE OF 7.62 FEE (SOUTH 37 DEG. 07'39" WEST A DISTANCE OF 7.59 FEET OF RECORD) TO A 1/2" REBAR FOUND FOR THE SOUTHEAST CORNER OF SAID LOT 2A-1; THENCE NORTH 57 DEG. 18'46"WEST, A MEASURED DISTANCE OF 231.82 FEET (NORTH 57 DEG. 18'00" WEST A DISTANCE OF 231.68 FEET OF RECORD) TO A 5/8" REBAR WITH CAP SET FOR THE SOUTHWEST CORNER OF SAID LOT 2A-1, SAID POINT LIES ON THE EASTERLY RIGHT OF WAY LINE OF COORS BOULEVARD N.W. AND SAID POINT BEARS NORTH 32 DEG. 42'00" EAST A DISTANCE OF 182.23 FEET FROM A 1/2" REBAR FOUND FOR THE SOUTHWEST CORNER OF LOT 1A OF THE SAID NORTHEAST PORTION OF BLACK RANCH; THENCE NORTH 32 DEG. 42'00" EAST, ALONG SAID RIGHT OF WAY A DISTANCE OF 172.77 FEET TO A FOUND 1/2" REBAR FOR A POINT OF CURVATURE, THENCE A DISTANCE OF 43.16 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 1281.84 FEET, A CENTRAL ANGLE OF 1 DEG. 55'45" AND A CHORD BEARING OF NORTH 33 DEG. 54'17" EAST A DISTANCE OF 43.16 FEET (A DISTANCE OF 43.21 FEET ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 1281.84 FEET, A CENTRAL ANGLE OF 1 DEG. 55'53" AND A CHORD BEARING OF NORTH 33 DEG. 40'12" EAST A DISTANCE OF 43.21 FEET OF RECORD) TO THE POINT OF BEGINNING.

TOGETHER WITH

EASEMENTS FOR INGRESS/EGRESS AS SET FORTH IN THE CERTAIN RECIPROCAL EASEMENT AGREEMENT RECORDED IN BOOK MISC. 790A, PAGE 676 AS DOCUMENT NUMBER 89-81278. RECORDS OF BERNALILLO COUNTY, NEW MEX

BASIS OF ELEVATIONS

NAVD 88

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THE PREMISES SURVEYED ARE NAD 83 NEW MEXICO CENTRAL ZONE GRID BEARINGS BEING BASED ON A LINE BETWEEN THE AGRS CONTROL STATIONS LISTED ABOVE BEARING = N34°50'06"E.

BENCHMARKS

SITE BENCH MARK 1: NEW MEXICO STATE HIGHWAY CONTROL STATION "NM448-N12" DATA FOUND STANDARD BRASS DISC NAD 83 NEW MEXICO CENTRAL ZONE STATE PLANE COORDINATES NORTHING: 1,528,973.229 US SURVEY FEET EASTING: 1,521,354.471 US SURVEY FEET ELEV. = 5,026.132 US SURVEY FEET (NAVD 1988) SITE BENCH MARK 2: AGRS STATION "8-B14 2003" DATA FOUND STANDARD 3 1 INCH ALUMINUM DISC NAD 83 NEW MEXICO CENTRAL ZONE STATE PLANE COORDINATES NORTHING: 1,528,602.961 US SURVEY FEET EASTING: 1,521,096.792 US SURVEY FEET

FLOODPLAIN STATEMENT

ELEV. = 5,025.358 US SURVEY FEET (NAVD 1988)

AREA LIES WITHIN FLOOD ZONE X (OTHER AREAS). AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD PLAIN ACCORDING TO THE FLOOD INSURANCE RATE MAP PER FIRM MARP PANEL 109 OR 825, MAP NO. 35001C0109H, MAP REVISED DATE 08/16/2021, BERNILILLO COUNTY, NEW MEXICO AND INCORPORATED AREAS.

DRANINAGE CONDITIONS

THE EXISTING SITE IS A DEVELOPED LOT BORDERED BY COORS BLVD. AND THE CORRALES LATERAL. THE SITE CURRENTLY DRAINS DRAINS TO THE SOUTH EAST AND IS COLLECTS BY TWO AREA DRAINS. THESE AREA DRAINS ARE CONNECTED TO AN UNDERGROUND STORM DRAIN SYSTEM THAT DISCHARGERS TO A CONCRETE CHANNEL WHICH EVENTUALLY DRAINS TO THE CORRALES CANAL.

EXISING CONDITIONS SHOWN ARE PER SURVEY OF ACTUAL CONDITIONS AND THE COTTONNWOOD VILLAGE GRADING AND DRAINAGE PLAN PREPARED BY DMG CONSULTING ENGINEERS DATED 10/95 2. PROPOSED

THE PROPOSED SITE WILL MAINTAIN THE SAME SOUTH EAST DRAINAGE PATTERN AS THE EXISTING SITE. HOWEVER AFTER REVIEW, IT WAS DETERMINED THAT THE CURRENT STORM DRAIN SYSTEM OUTLET IS NOT FUNCTIONING IN AN ACCEPTABLE MANNER. THE PROPOSED SYSTEM IS AN UNDERGROUND DETENTION SYSTEM, CONSISTING OF TWO CHAMBERS, THAT DIRECTLY DISCHARGES INTO THE CORRALES LATERAL, A RESTRICTOR STRUCTURE AND OVERFLOW STRUCTURE. THE PROPOSED UNDERGROUND DETENTION SYSTEM ADDRESSES THE WATER QUALITY, STORAGE AND OUTLET REQUIREMENTS FOR ALL THREE LOTS

100-Year Detention Volume Required

Detention Volume Required for the 100-year event Requirements:

3.24 Acres (total)

Allowable Release Rate = 5.07 CFS

Method: Rational

2.92 Acres (impervious) Watershed Area: 0.32 Acres (pervious)

Runoff Coefficients (C):

0.87 Runoff Coefficient (C_{comp})

Release Rate (Q_{out}) :

5.07 Max Allow Rel Rate cfs

Total Required Storage Volume

100-Yr Required Storage Volume =

| Storm Duration | Rainfall Intensity | Pond Inflow | Storage Rate | Required Storage | Require Storage |
|-------------------|-----------------------|----------------------|-----------------|---------------------|--------------------|
| t | 1 | Q _{in} =CIA | Qin-Qout | | _ |
| | 100-yr | | | | |
| hr | (in/hr) | cfs | cf | cf | ac-ft |
| 0.08 | 6.46 | 18.21 | 13.14 | 3942 | 0.09 |
| 0.17 | 4.91 | 13.84 | 8.77 | 5262 | 0.12 |
| 0.20 | 4.58 | 12.91 | 7.84 | 5645 | 0.13 |
| 0.25 | 4.08 | 11.50 | 6.43 | 5788 | 0.13 |
| 0.50 | 2.74 | 7.72 | 2.65 | 4776 | 0.11 |
| 1.00 | 1.69 | 4.76 | -0.31 | -1102 | -0.03 |
| 2.00 | 0.96 | 2.71 | -2.36 | -17020 | -0.39 |
| 3.00 | 0.67 | 1.89 | -3.18 | -34359 | -0.79 |
| 6.00 | 0.36 | 1.01 | -4.06 | -87593 | -2.01 |

5788 cf

Required Storage Volume = 5,788 CF

Event

100-yr

Basin A

Basin B

Basin C

Total=

Water Quality Volume = $0.26 \times 1.03 \times 43,560/12 = 972 \text{ CF}$ Isolator Row Volume = 6,012 CF/2 = 3,006 CF

Gravity

ft/s²

32.2

0.12

0.18

0.09

Land Treatment A (C=0.34) Land Treatment B (C=0.47) Land Treatment C (C=0.63) Land Treatment D (C=0.9)

PROPOSED SITE

5.00

10

15

10

cfs

3.76

1.04

1.03

0.79

90

85

90

0.87

0.86

0.87

4.58

4.58

4.58

Required Water Quality Volume Met at Elevation 5006.5 with culm. Volume of 975 CF Max. 100-year Discharge = 3.76 CFS

0

0

0.667

0.349

0

0.6

0

0

5.07

Area

1.15

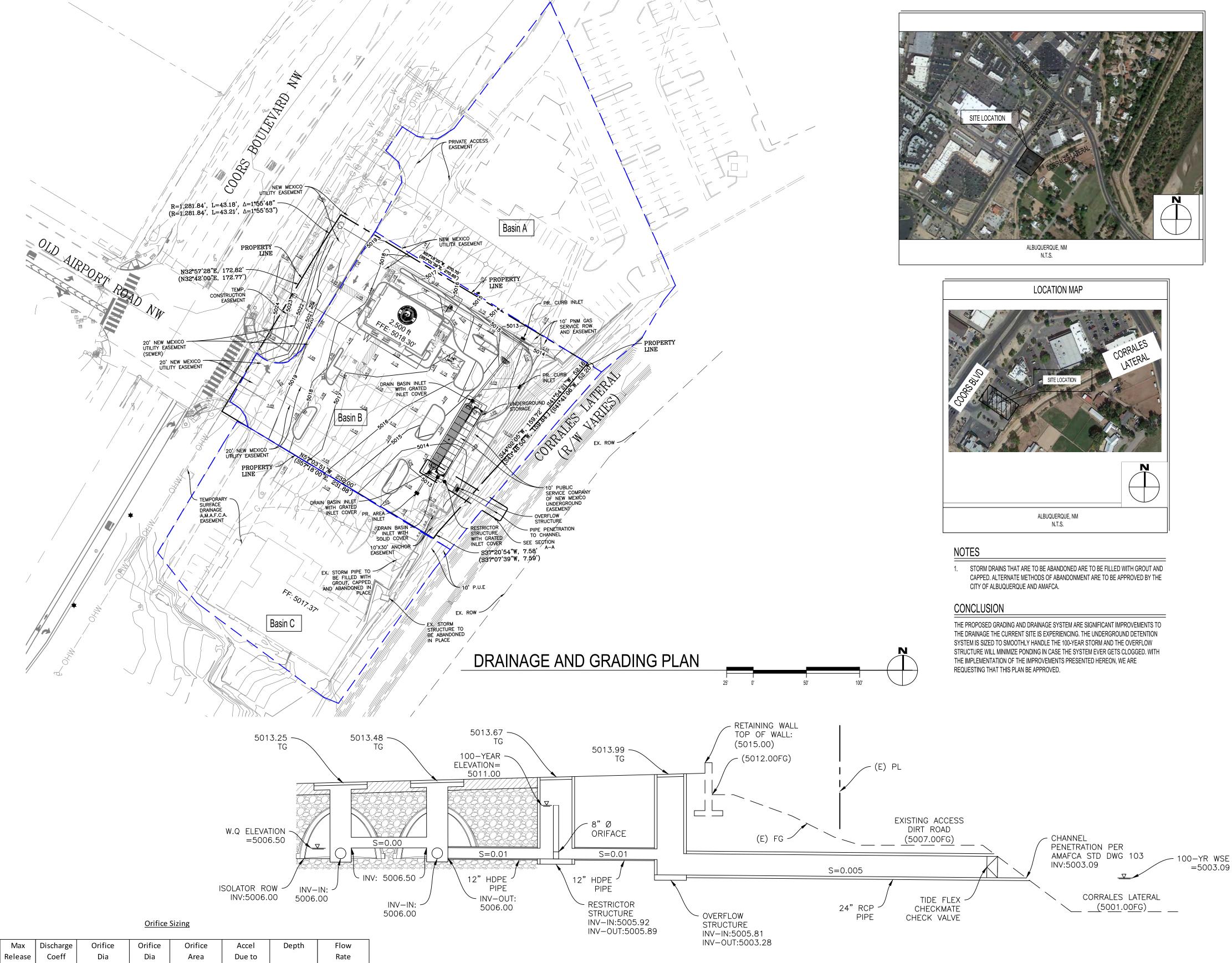
1.21

0.88

3.24

Total Volume Provided = 6.012 CF

Max. Allowable Discharge = 5.07 CFS



CROSS SECTION A-A (1" = 5')

100-Year, 12-min

Flow Q=CIA (CFS)

(CFS)

4.60

4.76

3.52

12.88









PANDA EXPRESS, INC. 1683 Walnut Grove Ave. Rosemead, California

> Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS:

ISSUE DATE:

DRAWN BY:

PANDA PROJECT #: S8-22-D8582

ARCH PROJECT #: D8582

PANDA STORE #:

D8582

650 E. Algonquin Road Suite 250 Schaumburg, IL 60173 Telephone: (847) 756 - 4180

www.rtmec.com

Heights Venture

OH Certificate of Authority: 05046

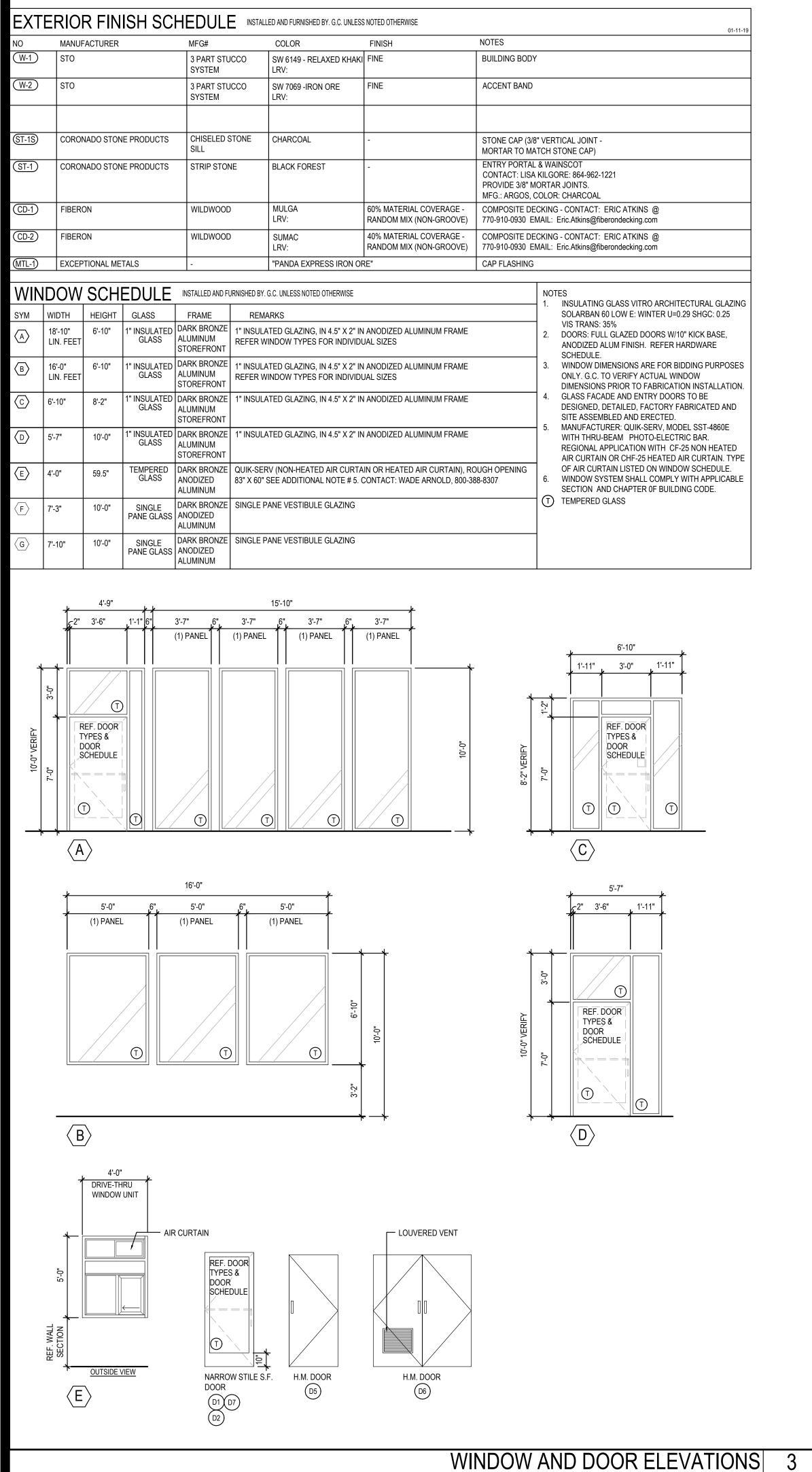
ARCHITECTURE . DESIGN HOUSTON 1111 North Loop West, Suite 800 5717 Legacy Drive, Suite 240 Houston, Texas 77008 972 490 7292 V

713 869 1103 V

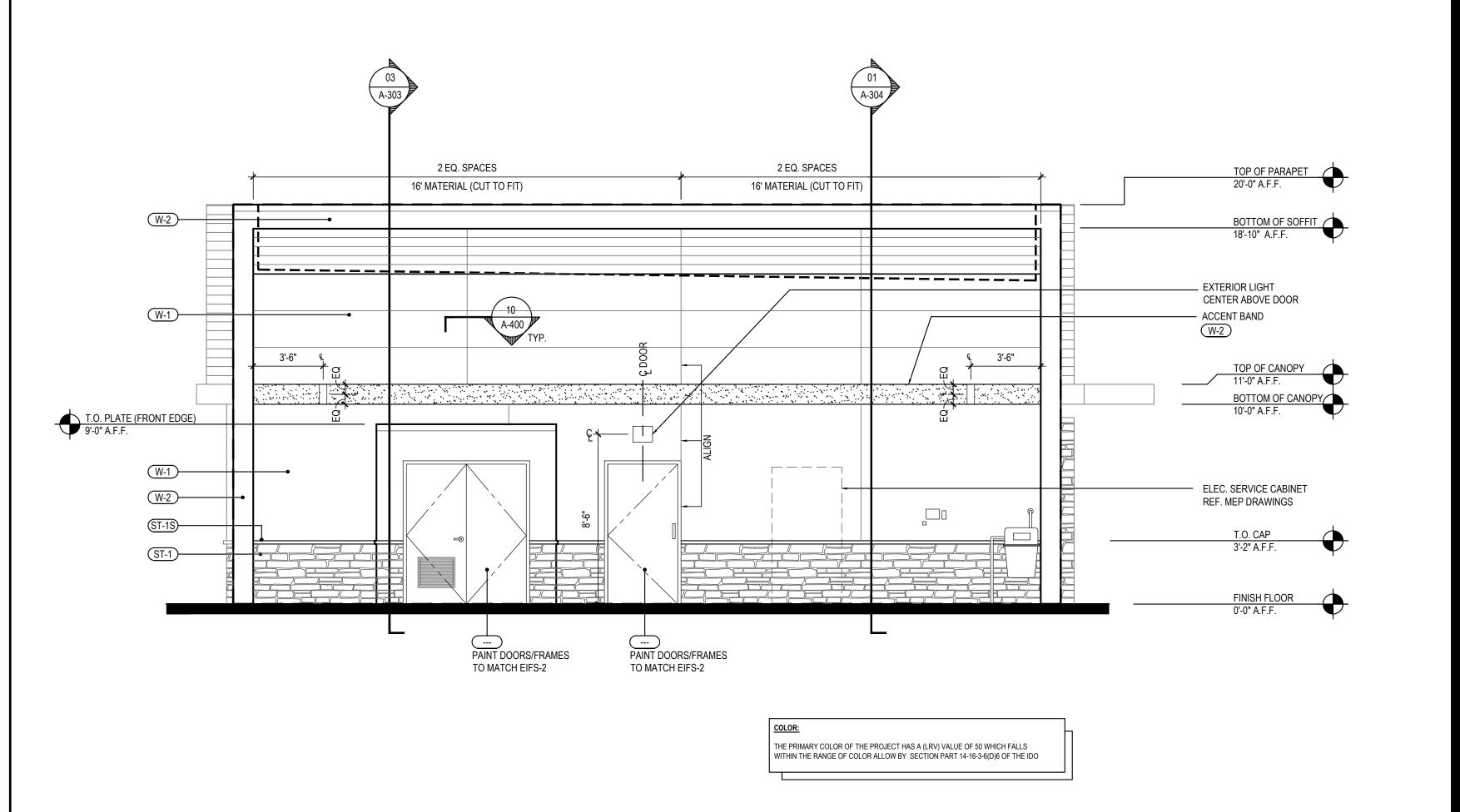
PANDA EXPRESS

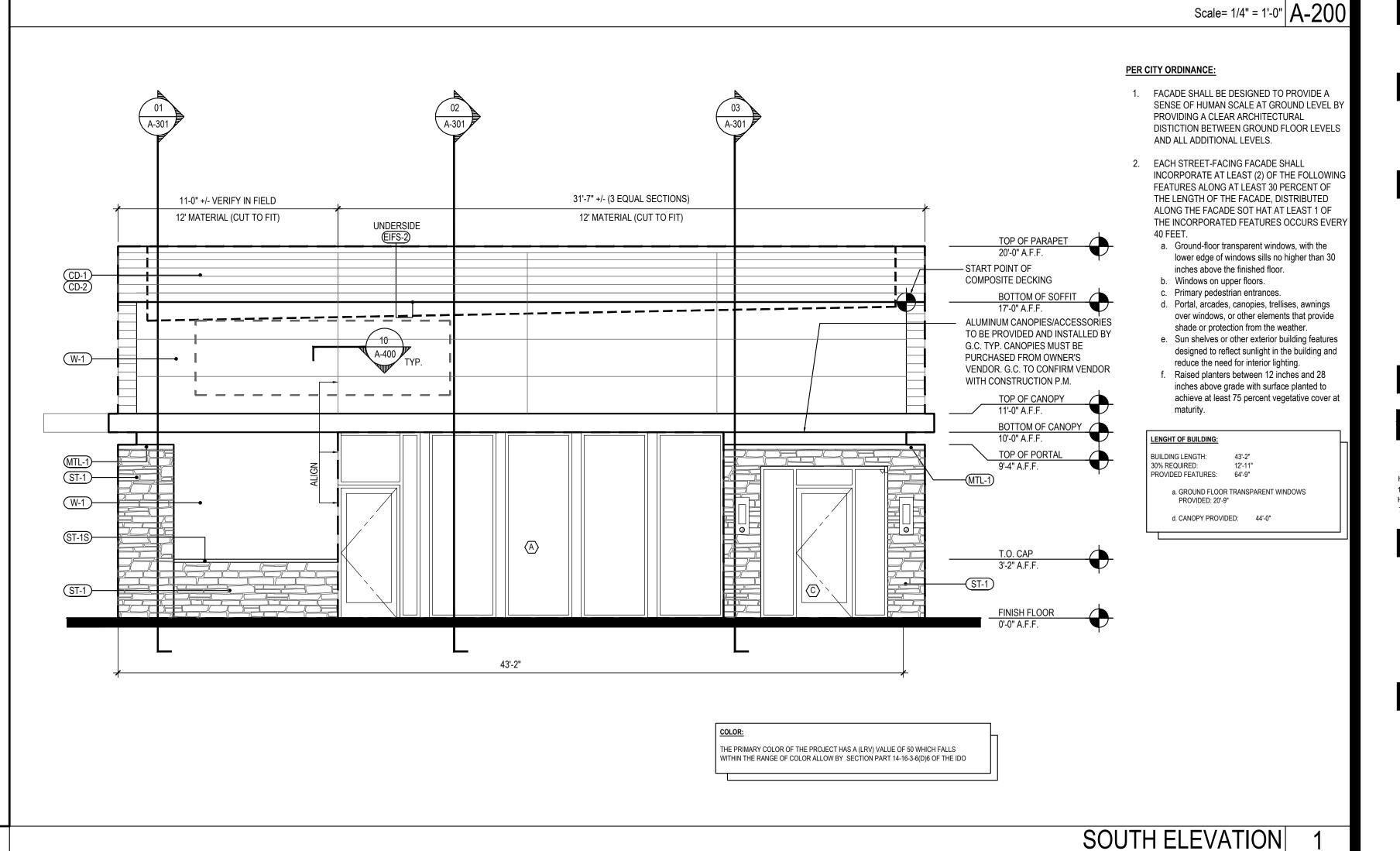
10126 COORS BOULEVARD ALBUQUERQUE, NM 87114

GRADING AND DRAINAGE PLAN



Scale= NTS A-200







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| REVISIONS: | | | | |
|------------|---------|----|--|--|
| 3 | DRB 3rd | RI | | |
| | | | | |

| 3 | DRB 3rd RESUBMITTAL | 09-21-22 |
|---|---------------------|----------|
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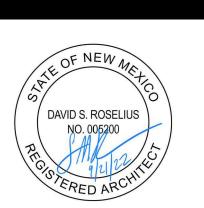
ICCLIE DATE

| ISSUE DATE: | | | | |
|-------------|---------------|----------|--|--|
| | DRB SUBMITTAL | 12-28-21 | | |
| | | | | |
| | | | | |
| | | | | |
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DRAWN BY:

PANDA PROJECT #: S8-22-D8582

D8582 PANDA STORE #: ARCH PROJECT #: 21084



Heights Venture ARCHITECTURE CDESIGN

1111 North Loop West, Suite 800 5741 Legacy Drive, Suite 320 Plano, Texas. 75024 972 490 7292 V Houston, Texas 77008 713 869 1103 V

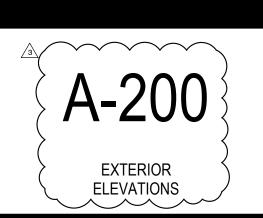
PANDA EXPRESS

SI-2022-

PR-2022-0065

DRB

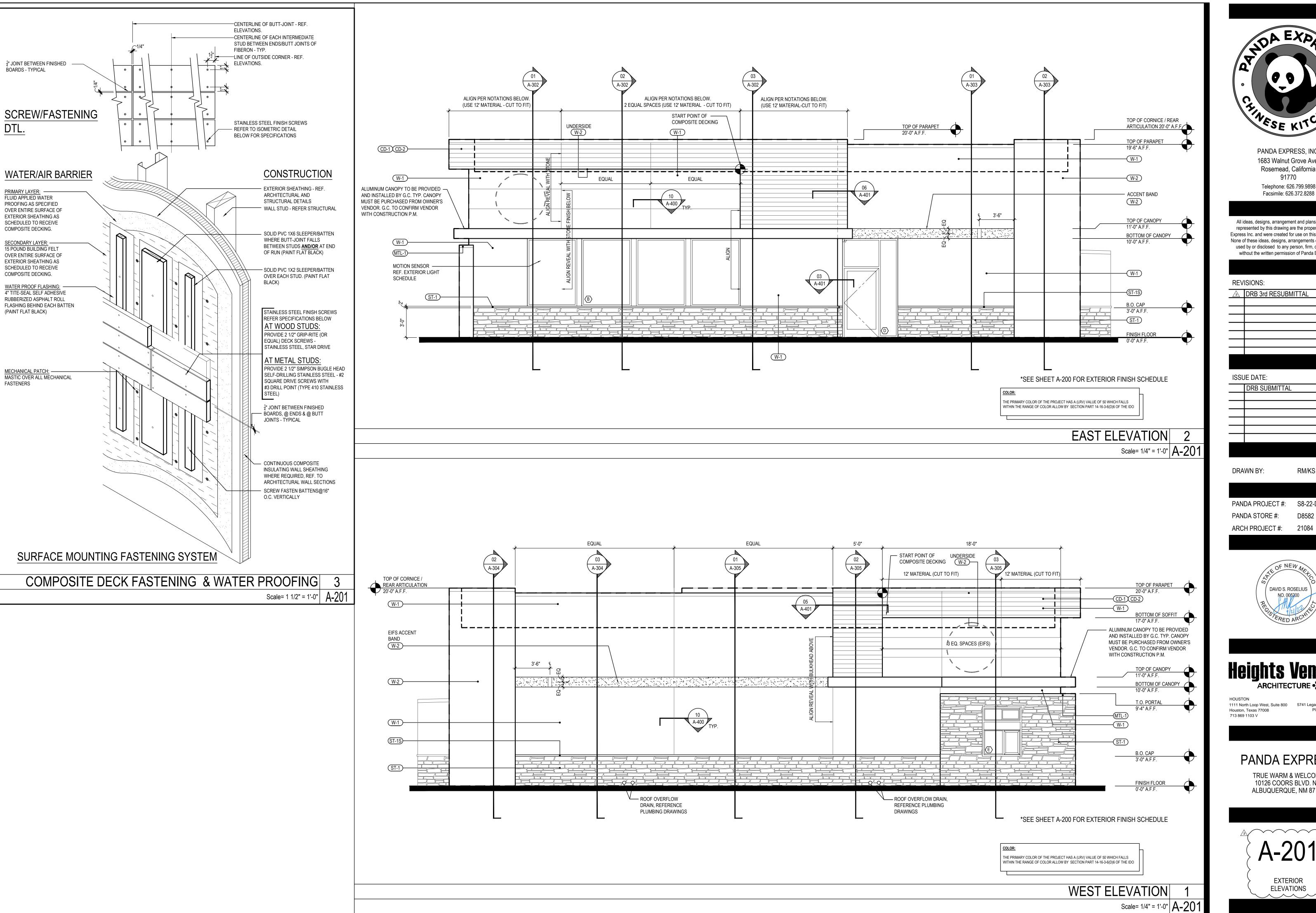
TRUE WARM & WELCOME 10126 COORS BLVD. NW ALBUQUERQUE, NM 87114



TRUE WARM & WELCOME 2500 R1

Scale= 1/4" = 1'-0" A-200

NORTH ELEVATION





Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS: DRB 3rd RESUBMITTAL

ISSUE DATE: DRB SUBMITTAL

DRAWN BY:

PANDA PROJECT #: S8-22-D8582 PANDA STORE #:

DAVID S. ROSELIUS

Heights Venture

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PANDA EXPRESS

TRUE WARM & WELCOME 10126 COORS BLVD. NW ALBUQUERQUE, NM 87114

EXTERIOR ELEVATIONS





Telephone: 626.799.9898 Facsimile: 626.372.8288

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REVISIONS: ↑ DRB RESUBMITTAL DRB 2nd RESUBMITTAL 05-04-22 DRB 3rd RESUBMITTAL

ISSUE DATE: DRB SUBMITTAL

DRAWN BY: RM/KS

PANDA PROJECT #: S8-22-D8582 D8582 PANDA STORE #:

ARCH PROJECT #: 21084



ARCHITECTURE CDESIGN

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PANDA EXPRESS

TRUE WARM & WELCOME 10126 COORS BLVD. NW ALBUQUERQUE, NM 87114 SI-2022-

- PR-2022-006547

DRB

EXTERIOR COLOR ELEVATIONS

PR-2022-006547_SI-2022-00216_Site_Plan_Ap proved_10-26-22_Sheet_1

Final Audit Report 2022-12-14

Created: 2022-12-14

By: Jay Rodenbeck (jrodenbeck@cabq.gov)

Status: Signed

Transaction ID: CBJCHBCAABAA-22FVl8ilJuqEwWmK3aj7sYPmtZRr09C

"PR-2022-006547_SI-2022-00216_Site_Plan_Approved_10-26-2 2_Sheet_1" History

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 - 2022-12-14 6:34:52 AM GMT- IP address: 73.242.135.213
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2022-12-14 - 8:33:10 PM GMT- IP address: 142.202.67.2

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Email viewed by jwolfley@cabq.gov

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Signer jwolfley@cabq.gov entered name at signing as Jolene Wolfley, CABQ Planning

2022-12-14 - 8:40:04 PM GMT- IP address: 75.161.206.185

Document e-signed by Jolene Wolfley, CABQ Planning (jwolfley@cabq.gov)

Signature Date: 2022-12-14 - 8:40:06 PM GMT - Time Source: server- IP address: 75.161.206.185

Agreement completed.

2022-12-14 - 8:40:06 PM GMT