

SCANNED BY
PLANNING

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16-78132-182-20177

CONSTRUCTION PLANS FOR CVS PHARMACY INDIAN SCHOOL ROAD AND TRAMWAY BLVD PUBLIC INFRASTRUCTURE ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER

1

2A

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DESCRIPTION

COVER SHEET

FINAL PLAT
GRADING PLAN

DEMOLITION PLAN AND PAVING PLAN

UTILITY PLAN AND PROFILE

RECORD DRAWINGS

NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

CONSTRUCTION NOTES

- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
- PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
- THE CONTRACTOR SHALL FOLLOW THE COA STANDARD CONSTRUCTION, TRAFFIC CONTROL AND SIGNING PLAN PROVIDED IN THE COA STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE CONSTRUCTION COORDINATION DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.

DIVISION SIS 1/25/10

12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.

13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY AS PER STANDARD SPECIFICATIONS.

14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.

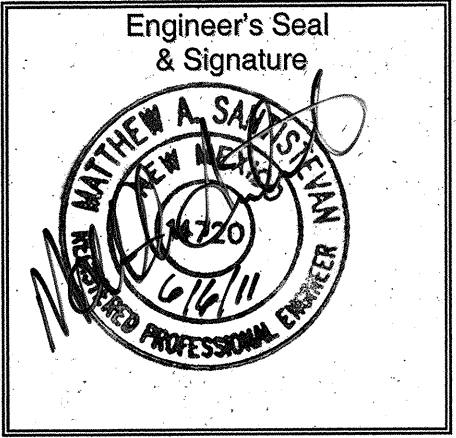
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE COA STANDARD SPECIFICATIONS.

16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.

17. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

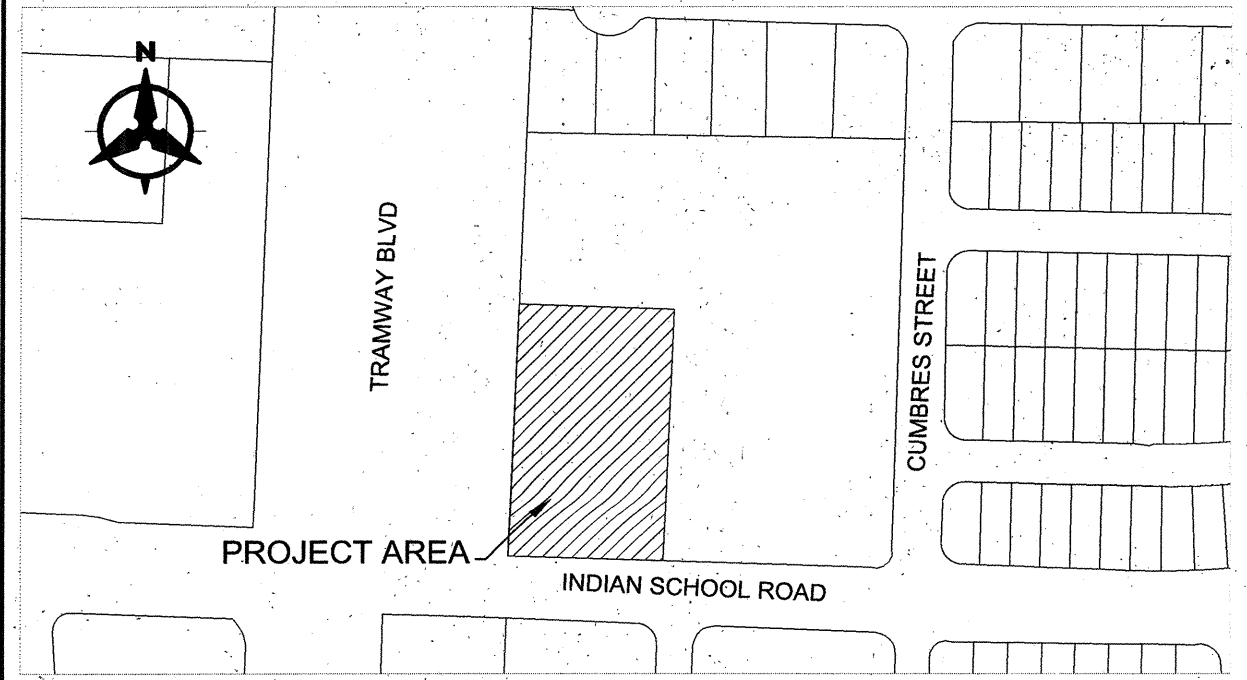
I, **Matthew A. Santistevan** of the firm of **Bohannon Huston, Inc.**, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as shown on these drawings (CVS Pharmacy Indian School Road and Tramway Blvd.) has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction and survey information provided by the contractor, Sunshine Construction, Inc. and their surveyor, Anthony L. Harris, RPLS 11463.



APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Anthony L. Harris
DATE: 06/28/11

Bohannon Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES



VICINITY MAP

ZONE ATLAS J-23

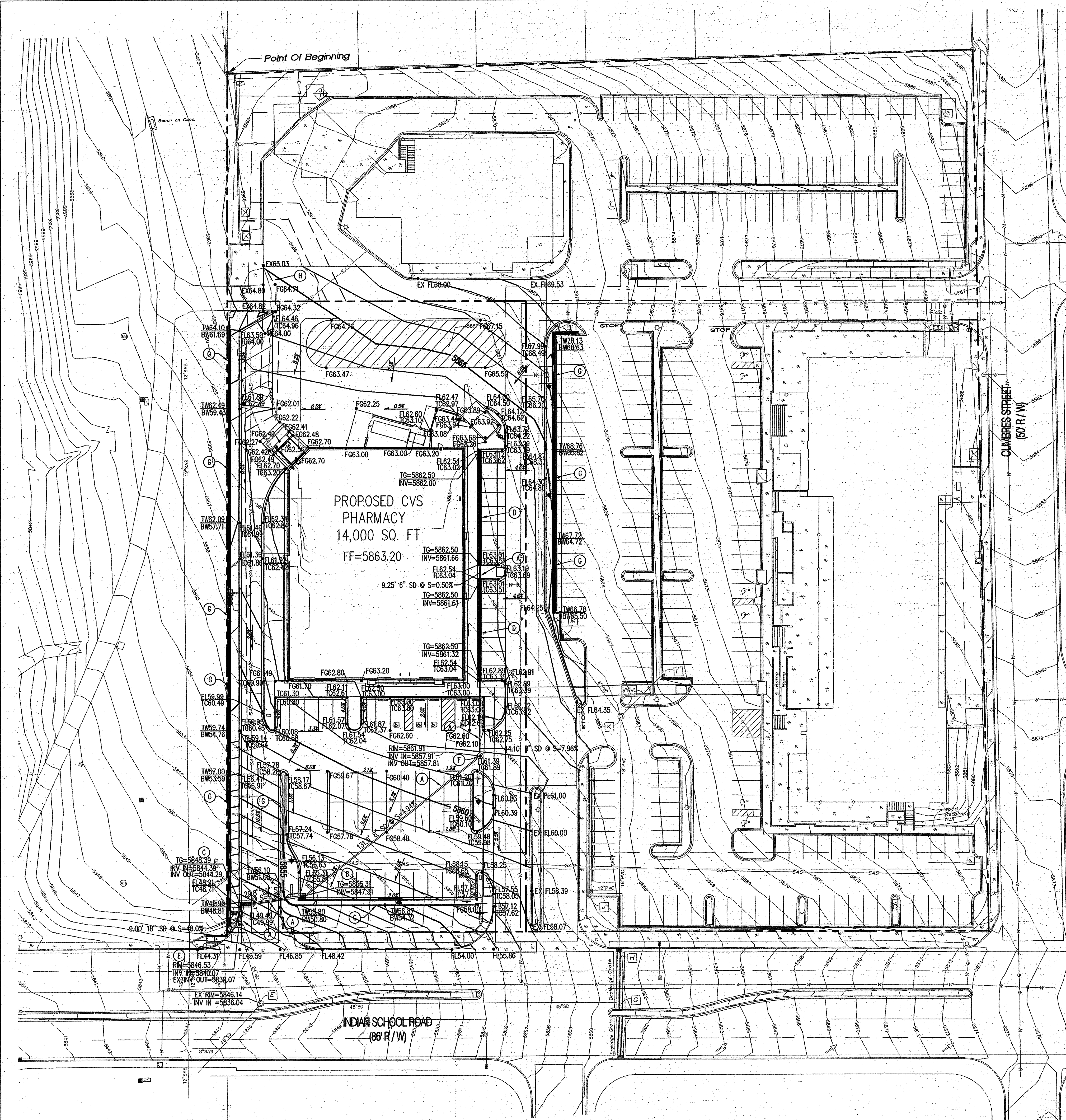
NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7 INCLUDING AMENDMENT NO. ONE.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPANCY AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- CONTRACTOR SHALL COORDINATE WITH THE ABCWA (505-768-2500) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY ABCWA PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE ABCWA SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE COA.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DERESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRG Chairman		<i>SL Woodell</i>		1-28-10	
		Transportation		<i>Jim</i>		01/25/10	
		Water/Wastewater		<i>Jim</i>		1-25-10	
		Hydrology		<i>Ante C. Jue</i>		1-25-10	
		Parks					
Const. Mngmt.							
Const. Coord.							
DRB CASE NUMBER		CITY PROJECT NO.		SHEET		OF	
1003062		783282		1		4	



GENERAL NOTES

- ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT, WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.
- THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING SERVICE FOR LOCATION OF EXISTING UTILITIES.
- ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
- CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
- THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).
- ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
- THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
- ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADES AT THE END AND BEGINNING OF EACH DAY.
- THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.
- CONTRACTOR IS RESPONSIBLE, AT XXXX COST, FOR ALL NPDES, SHPPP, EPA COMPLIANCE REQUIREMENTS OF THE SITE. THIS INCLUDES, BUT NOT LIMITED TO, INSPECTIONS, MPS, ETC.

KEYED NOTES

- INSTALL HOPE (N-12WT OR APPROVED EQUAL) STORM DRAIN SIZE PER PLANS.
- INSTALL STORM DRAIN INLET TYPE "D" PER COA STD DWG 2206 OR NYLOPLAST ROAD & HIGHWAY DRAINAGE INLET STRUCTURE WITH 2'x2' STEEL BAR GRATE (551.25 SQ IN APPROX DRAIN AREA) H-25 RATED GRATE (OR APPROVED EQUAL).
- INSTALL STORM DRAIN INLET DOUBLE TYPE "D" PER COA STD DWG 2206.
- INSTALL 10" TYPE C NEEHMA BOLTED TRENCH GRATE (R-4999-BX) OR APPROVED EQUAL PER DETAIL 7/C-SOI. CONTRACTOR TO FOLLOWING NEEHMA SUGGESTED FORMING PROCEDURES OR SUBMIT ALTERNATIVE FORMING FOR APPROVAL.
- INSTALL 4" DIAMETER TYPE E MANHOLE PER COA STD DWG 2102.
- INSTALL 24" ADS NYLOPLAST DRAIN WITH H-20 SOLID GRATE.
- RETAINING WALL. TW/BW GIVEN ON PLAN INDICATE FINISHED. GROUND ON THE HIGH AND LOW SIDE OF THE WALL, RESPECTIVELY. HEIGHT VARIES. SEE ARCHITECTURAL/STRUCTURAL PLANS FOR WALL DETAILS.
- ASPHALT CONCRETE SWALE PER SPOT ELEVATIONS ON PLAN.

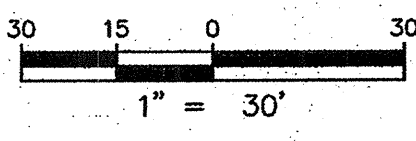
GRADING NOTES

- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
- THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST.
- ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "GEOTECHNICAL INVESTIGATION," AS PROVIDED BY THE ARCHITECT OR OWNER. ALL OTHER WORK SHALL, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT, (FIRST PRIORITY) SPECIFICATIONS, AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
- EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
- IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
- THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS OR SILT FENCE AT THE PROPERTY LINES AND WEETING THE SOIL TO PROTECT IT FROM WIND EROSION.
- A DISPOSAL SITE FOR ANY & ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL AND/OR A BORROW SITE CONTAINING ACCEPTABLE FILL MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL OR BORROW SITE AND HAUL TO OR FROM SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
- PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATION.
- ALL PROPOSED CONTOURS REFLECT TOP OF PAVEMENT ELEVATIONS IN THE PARKING AREA AND MUST BE ADJUSTED FOR MEDIANS AND ISLANDS.
- VERIFY ALL ELEVATIONS SHOWN ON PLAN FROM BASIS OF ELEVATION CONTROL STATION PRIOR TO BEGINNING CONSTRUCTION.

RECORD DRAWINGS

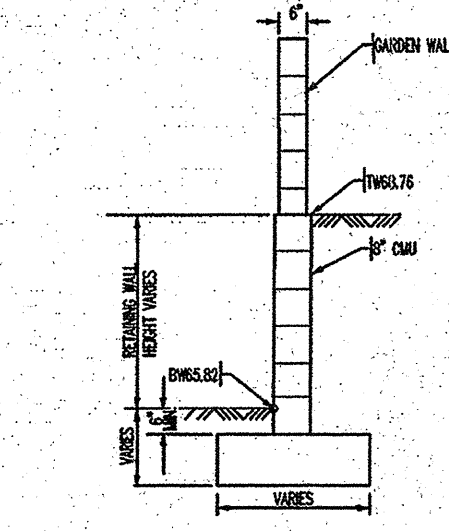
LEGEND

- PROPERTY LINE
- EXISTING CONTOURS
- EXISTING GROUND SPOT ELEVATION
- EXISTING ELECTRICAL POLE
- PROPOSED SPOT ELEVATION
- TC=TOP OF CURB, FL=FLOW LINE, EX=EXISTING, TG=TOP OF GRADE
- PROPOSED DIRECTION OF FLOW
- WATER BLOCK
- PROPOSED RETAINING WALL
- PROPOSED INDEX CONTOURS
- PROPOSED INTER CONTOURS
- PROPOSED CURB & CUTTER
- EASEMENT
- EXISTING TREE
- PROPOSED STORM DRAIN LINE
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- EXISTING STORM DRAIN MANHOLE



BENCHMARK

Albuquerque Central Station Monument "2-H23"
New Mexico State Plane Coordinates
Central Zone - NAD 83
N = 1,492,799.178
E = 1,566,421.704
Elevation = 5,853.817 (NAVD 1988)
Delta Alpha = -00° 08' 32.15"
Ground To Grid Factor = 0.999630113



RETAINING WALL
DRAINAGE
FOOTING
CURB
RETAINING WALL NOMENCLATURE
NOT TO SCALE
(RETAINING HEIGHT IS GIVEN TO BE DIFFERENCE IN FINISHED GRADES ON LEFT AND RIGHT SIDE OF WALL)

CIVIL
ENGINEER

BOHANNAN HUSTON, INC
7500 JEFFERSON ST. NE
ALBUQUERQUE, NM 87109
TEL: (505) 823-1000
FAX: (505) 798-7988

CONSULTANT:

SEAL:



CVS/
pharmacy

STORE #75922

NE CORNER OF
INDIAN SCHOOL & TRAMWAY BLVD.
ALBUQUERQUE, NM

DEVELOPER:

ARMSTRONG DEVELOPMENT
PROPERTIES, INC.
1500 N. PRIEST DR., SUITE
150E
TEMPE, AZ 85281
OFFICE: 602.385.4100
FAX: 602.385.4101

REVISIONS:

DRAWING BY: B.J.G./L.S.M.

DATE: DECEMBER 2009

JOB NUMBER: 090374

TITLE:

GRADING PLAN

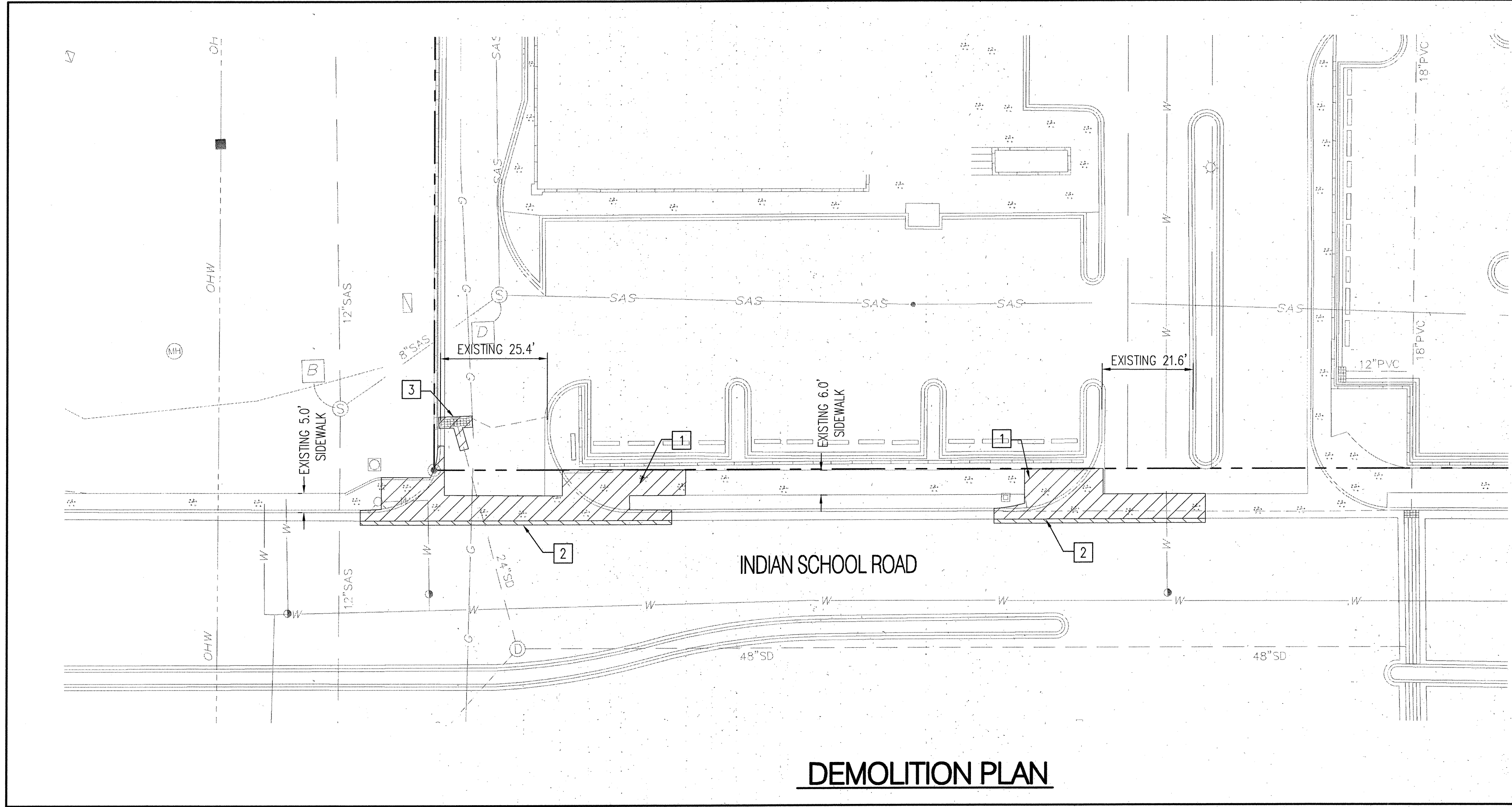
SHEET NUMBER:

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COMMENTS:

NOT RELEASED FOR CONSTRUCTION
SHEET 23 OF 4

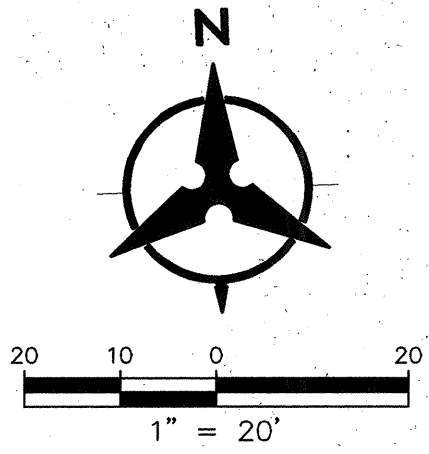
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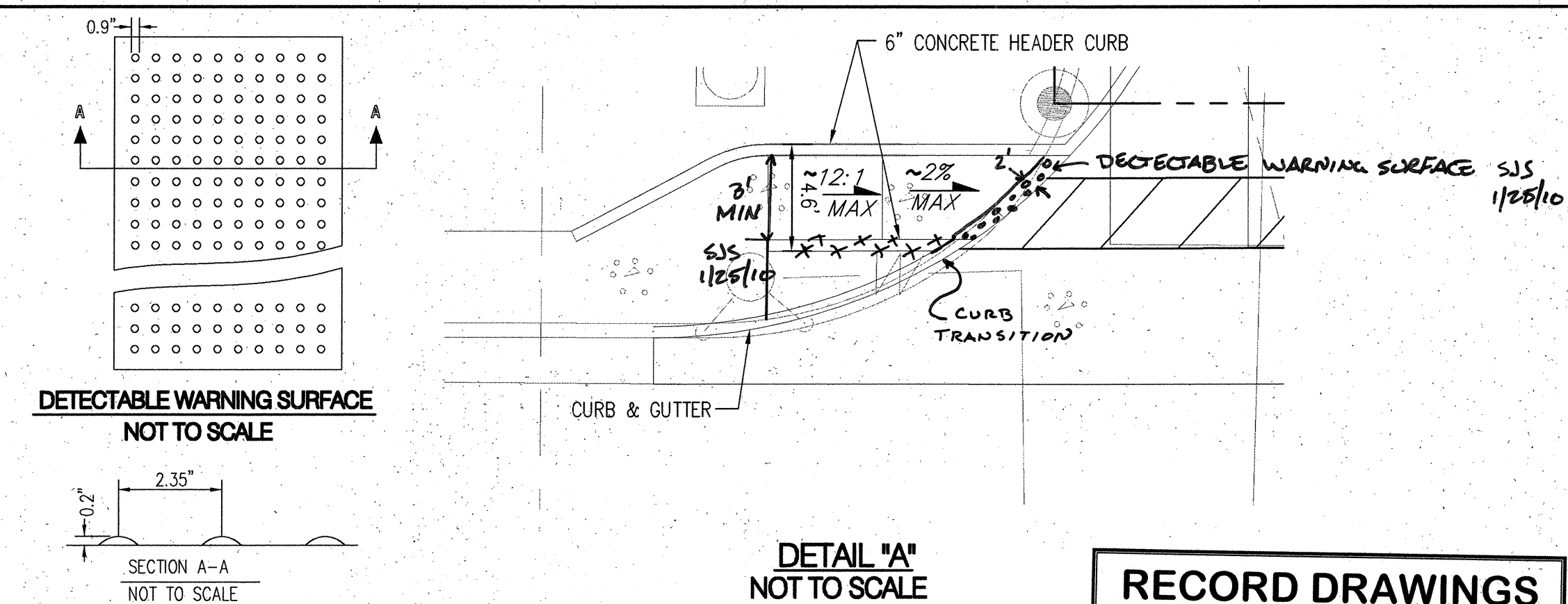
DEMOLITION KEYED NOTES

1. REMOVE AND DISPOSE OF EXISTING CURB RETURN, CURB RAMP, SIDEWALK AND VALLEY GUTTER.
2. SAWCUT 1' EXISTING PAVEMENT AND REPLACE WITH NEW PAVEMENT PER COA STD DWG 2465.
3. REMOVE EXISTING STORM DRAIN INLET AND APPROXIMATELY 6 LF OF EXISTING 24\"/>

AREA OF DEMOLITION



DEMOLITION PLAN



RECORD DRAWINGS

DETECTABLE WARNING SURFACE NOTES:

1. THE DETECTABLE WARNING SURFACE SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A NOMINAL DIAMETER OF 23mm (0.9\"/>
2. THE DETECTABLE WARNING SURFACE SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE INTEGRAL PART OF THE WALKING SURFACE. PROVIDE 70/30 CONTRAST PER ADA.
3. CONTRACTOR SHALL COORDINATE THE EXACT CONTRAST OF DETECTABLE WARNING SURFACE W/ OWNER.

PAVING AND STORM DRAIN KEYED NOTES

1. INSTALL PCC SIDEWALK, PER COA STD DWG 2430. MATCH EXISTING WIDTH.
2. INSTALL 6\"/>
3. INSTALL TYPE "A" WHEEL CHAIR RAMP PER DETAIL THIS SHEET.
4. INSTALL WHEEL CHAIR RAMP PER COA STD DWG 2441 CASE 1 w/DETECTABLE WARNING SURFACE PER DETAIL THIS SHEET. CONTRACTOR TO SUBMIT SPECIFICATIONS TO CONSTRUCTION ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
5. EXISTING FIRE HYDRANT TO REMAIN.
6. MATCH NEW VALLEY GUTTER SECTION TO EXISTING VALLEY GUTTER. TRANSITION TO 1-INCH INVERT DEPTH. WITH DOWELS PER COA STD DWG 2420.
7. EXISTING HANDICAP RAMP.
8. INSTALL HOPE (N-12WT OR APPROVED EQUAL) STORM DRAIN. SIZE PER PLANS. N/C
9. INSTALL STORM DRAIN INLET DOUBLE TYPE 'D' PER COA STD DWG 2206. N/C
10. TIE TO EXISTING 24\"/>
11. BUILD 9.0 LF OF 18\"/>
12. PEDESTRIAN CROSSING 3' @ 2% CROSS SLOPE.
13. INSTALL ARTERIAL PAVEMENT PER COA STD DWG 2465.

FLOWLINE DATA (A)

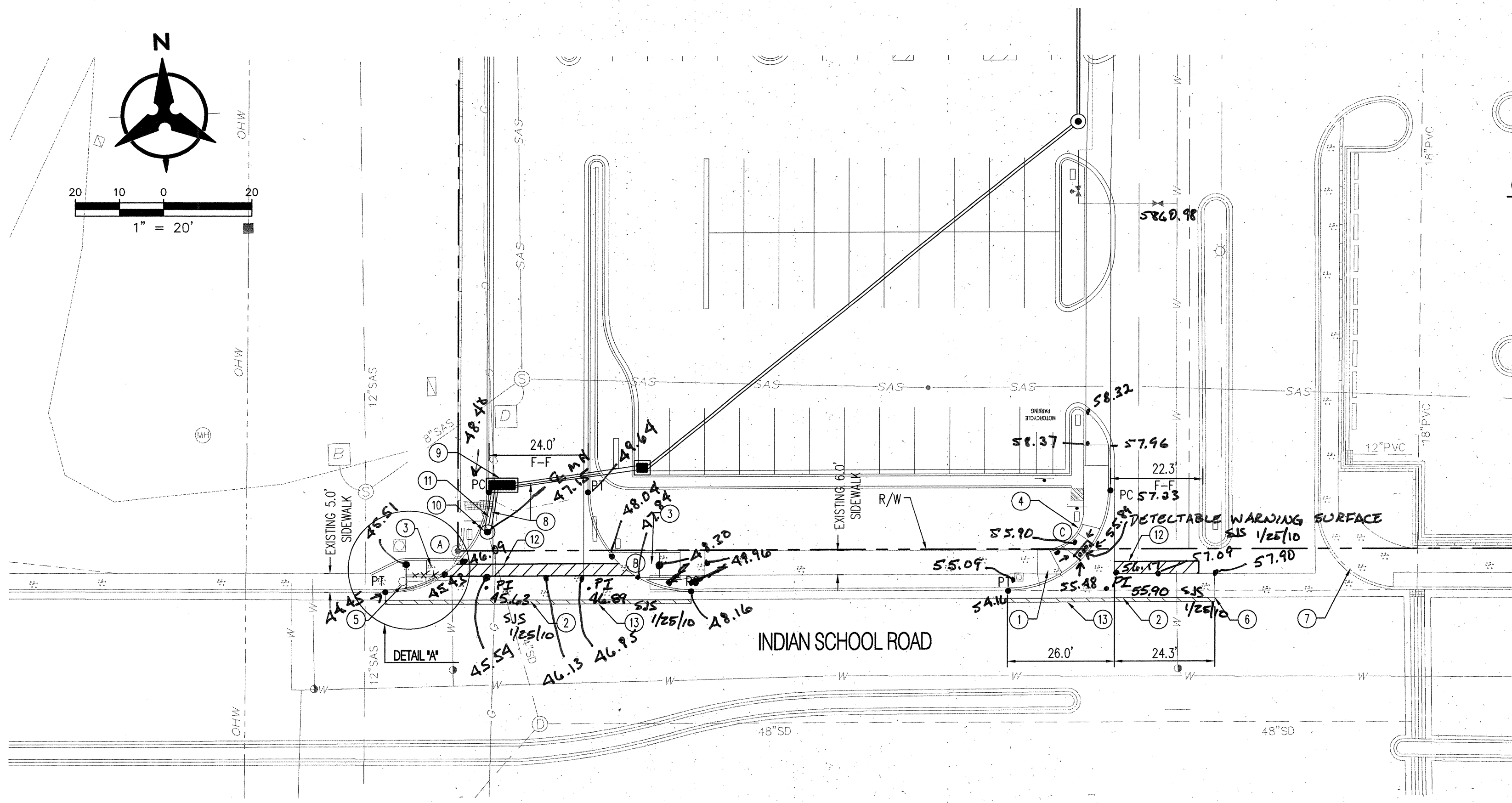
PC BEGIN CURB RETURN	PC 46.21
1	46.21 Δ=90°03'14"
2	46.23 R=25.00'
3	46.23 L=39.29'
PT END CURB RETURN	PT 46.31 T=25.02'

FLOWLINE DATA (B)

PC BEGIN CURB RETURN	PC 46.22
1	46.22 Δ=90°09'03"
2	46.20 R=25.00'
3	46.00 L=39.34'
PT END CURB RETURN	PT 46.19 T=25.07'

FLOWLINE DATA (C)

PC BEGIN CURB RETURN	PC 57.12
1	57.12 Δ=89°53'11"
2	57.71 R=25.00'
3	54.88 L=39.22'
PT END CURB RETURN	PT 54.00 T=24.95'



PAVING AND STORM DRAIN PLAN

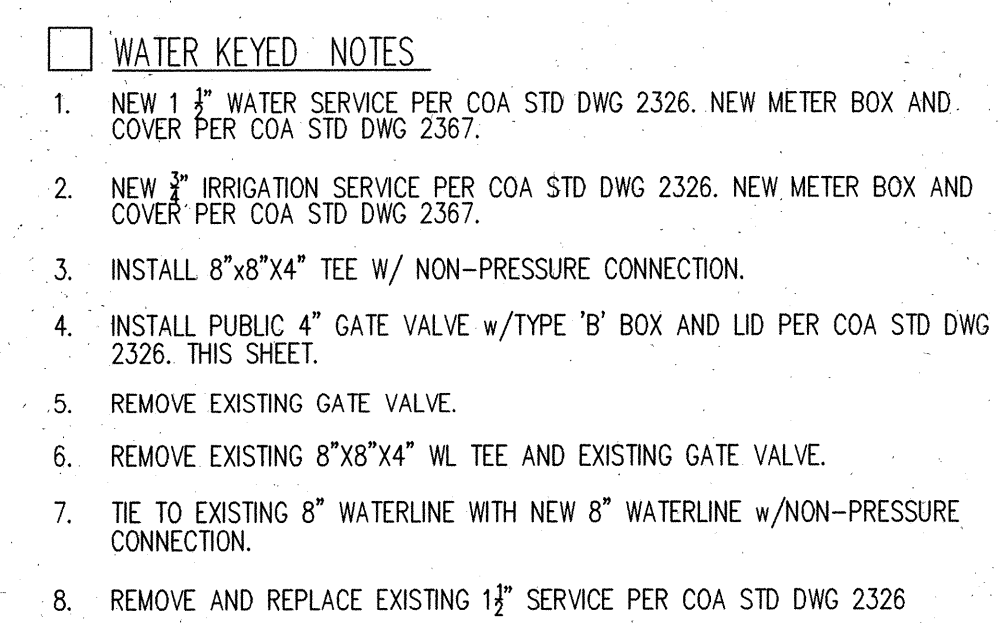
Anthony L. Huston
Professional Engineer
No. 17463
State of New Mexico
6-4-11

Bohannon & Huston
Courttyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

CVS PHARMACY INDIAN SCHOOL ROAD AND TRAMWAY BLVD
DEMOLITION PLAN AND
PAVING AND STORM DRAIN PLAN

Design Review Committee APPROVE JAN 28 2010 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE MAR 31 2011 CITY ENGINEER	Mo./Day/Yr. Mo./Day/Yr.
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MECHANICAL JOINTS (C900-PVC)	LENGTH OF RESTRAINED JOINTS
8" 45° BEND	11'
8" 90° BEND	27'
8" VALVE	73'
8" TEE	RUN=10' BRANCH=3'

MATERIALS:
SAS LINE: SDR-35 PVC
WATER LINE: C900-PVC DR18

NOTE:
1. RESTRAINED JOINTS ANALYZED WITH TYPE SM SOIL, 1.5 SAFETY FACTOR, 3 FT MIN BURY, TRENCH TYPE 4, AND WITH 150 PSI MAX PRESSURE.

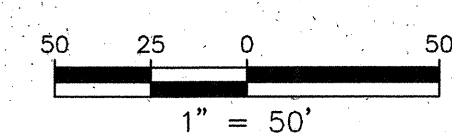
2. ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
3. THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS, UNLESS SPECIFIED DIFFERENTLY IN THE PLANS. ALL PIPE JOINTS WITHIN 20 LF OF A MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
4. THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS TO THE SPECIFIED DISTANCE LISTED IN THE RESTRAINED JOINT TABLE (THIS SHEET).
5. THE CONTRACTOR SHALL TREAT CONNECTIONS TO EXISTING LINES AS A CAP WHEN CALCULATING RESTRAINING LENGTH.

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUTOFF REQUIREMENTS.

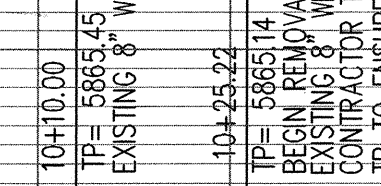
AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ABCWUA (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUTOFF PLAN. CONTRACTOR SHALL NOT OPERATE ABCWUA VALVES. ONLY ABCWUA CREWS ARE TO OPERATE ABCWUA VALVES.

FOR CONNECTION	VALVE CLOSED
PUBLIC WATERLINE EASEMENT	VALVE #152
INDIAN SCHOOL ROAD	VALVE #205

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING,
DISINFECTING, AND TESTING THE LINES AS REQUIRED
BY THE ABCWA.



ELEVATIONS ARE IN NAVD 88



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1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
9. SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
10. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
11. FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.

LEGEND

- | | |
|---|--------------------------|
|  | DOUBLE WATER METER |
|  | SINGLE WATER METER |
|  | WATER LINE SHUTOFF VALVE |
|  | WATER LINE TEE |
|  | SAS LATERAL |
|  | SAS MANHOLE |
|  | STORM DRAIN MANHOLE |
|  | STORM DRAIN INLET |
|  | PROPOSED FIRE HYDRANT |
|  | EXISTING WATER VALVE |
|  | PROPOSED STREET LIGHT |

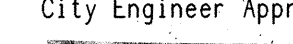
Bohannon  **Huston** INC.

Courtyard I 7600 Jefferson St. NE Albuquerque, NM 87109-4335

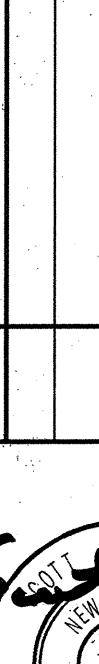
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES



CVS PHARMACY INDIAN SCHOOL ROAD AND TRAMWAY BLVD
PLAN AND PROFILE
WATERLINE

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
				

City Project No.	Zone Map No.	Sheet	Of
783282	J-23	4	4

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
		FIELD NOTES		Albuquerque Control Station Monument "Z-H23" New Mexico State Plane Coordinates Central Zone - NAD 83 N = 1,492,799.178 E = 1,566,421.704 Elevation = 5,853.817 (NAD 1988) Delta Alpha = -00° 08' 32.15" Ground To Grid Factor = 0.999630113		CONTRACTOR: SUNSHINE CONST. INC. DATE: 6-4-11 STABD BY: HARRIS SURVEYING DATE: 6-4-11 INSPECTED BY: HARRIS SURVEYING DATE: 6-4-11 FIELD REPLEAD BY: HARRIS SURVEYING DATE: 6-4-11 CORRECTED BY: BHI DATE: 6-4-11 MICRO-FILM INFORMATION	
		NO.	BY				
Designed By: SJS	DATE: 12/22/09						
Drawn By: BJS	DATE: 12/22/09						
Checked By: SJS	DATE: 12/22/09						
REVISIONS							
DESIGN							
REMARKS		By					
No.	Date						