GRADING NOTES:

GRADING SHALL CONFORM TO STANDARDS, SPECIFICATIONS, AND REQUIREMENTS OF THE LATEST EDITION OF THE BUILDING CODE AS ADOPTED BY THE LOCAL GOVERNING AGENCY AND TO THE REQUIREMENTS OF THE PRELIMINARY SOILS REPORT PREPARED FOR THIS PROJECT BY:

ON FILE WITH SCHOOL DISTRICT

NOTE: SHOULD A CONFLICT OCCUR BETWEEN THE FOLLOWING NOTES AND THE SOILS REPORT. THE MORE STRINGENT REQUIREMENTS SHALL PREVAIL.

THE CONTRACTOR SHALL REMOVE AND OR RELOCATE ALL OBSTRUCTIONS WITHIN THE IMPROVEMENT AREA.

ALL EXISTING IMPROVEMENTS THAT ARE REMOVED, DAMAGED, OR UNDERCUT SHALL BE REPAIRED OR REPLACED AS DIRECTED BY ENGINEER.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER, ARCHITECT, AND THE ENGINEER HARMLESS FROM LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ARCHITECT, OR

ALL VEGETABLE MATTER SHALL BE REMOVED FROM THE SURFACE UPON WHICH THE FILL IS TO BE PLACED, AND THE SURFACE SHALL BE PLOWED SCARIFIED TO A DEPTH OF AT LEAST TWELVE INCHES (12"), AND UNTIL THE SURFACE IS FREE FROM RUTS, HUMMOCKS OR OTHER UNEVEN FEATURES WHICH WOULD TEND TO PREVENT UNIFORM COMPACTION BY THE EQUIPMENT TO BE USED.

FILL MATERIALS: MATERIALS FOR FILL SHALL CONSIST OF MATERIAL SELECTED BY THE SOILS ENGINEER FROM SOURCES IDENTIFIED IN LABORATORY REPORTS WHICH HAVE PREVIOUSLY BEEN ACCEPTED BY THE ROADS DEPARTMENT. THE MATERIAL USED SHALL BE FREE FROM VEGETABLE MATTER AND OTHER DELETERIOUS SUBSTANCES AND SHALL NOT CONTAIN ROCKS OR LUMPS HAVING A DIAMETER OF OR MORE THAN SIX INCHES (6"). LOCAL ENGINEERING, BUILDING, AND OR SURVEYING DEPARTMENT SHALL BE NOTIFIED 24 HOURS IN ADVANCE OF THE PLACEMENT OF ANY FILL MATERIAL.

AMOUNT OF COMPACTION: AFTER EACH LAYER (LIFT) HAS BEEN PLACED, MIXED AND SPREAD EVENLY, IT SHALL BE THOROUGHLY COMPACTED TO THE SPECIFIED DENSITY. THE SPECIFIED DENSITY WILL BE STATED AS A PERCENTAGE OF THE MAXIMUM DENSITY ATTAINABLE USING CURRENT ASTM DENSITY TEST NO. D 1557 THE SPECIFIED DENSITY TYPICALLY WILL BE NINETY PERCENT (90%) OF THE MAXIMUM FOR MOST COHESIVE, NON-EXPANSIVE SOILS, HOWEVER IT WILL BE ESTABLISHED AS APPROPRIATE FOR THE MATERIALS AND ENVIRONMENT DEFINED. FILL COMPACTION SHALL CONFORM TO U.B.C. STANDARDS AND LOCAL GRADING STANDARDS.

DEPTH AND MIXING OF FILL LAYERS: THE SELECTED FILL MATERIAL SHALL BE PLACED IN LEVEL, UNIFORM LAYERS WHICH, WHEN COMPACTED, SHALL HAVE A DENSITY CONFORMING TO THAT STIPULATED IN THE SOILS REPORT SPECIFICATIONS. EACH LAYER SHALL BE THOROUGHLY BLADE MIXED DURING THE SPREADING TO INSURE UNIFORMITY OF MATERIALS IN EACH LAYER COMPACTED LAYER THICKNESS NORMALLY WILL BE SIX (6"), HOWEVER, IT MAY BE SPECIFIED OTHERWISE IF COMPACTION EQUIPMENT OF DEMONSTRATED CAPABILITY WILL BE USED. THE SOILS ENGINEER AND THE INSPECTORS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO THE PLACING OF ANY FILL

9. COMPACTING AREA TO BE FILLED: AFTER THE FOUNDATION FOR THE FILL HAS BEEN CLEARED AND PLOWED OR SCARIFIED, IT SHALL BE DISKED OR BLADED UNTIL IT IS UNIFORM AND FREE FROM LARGE CLODS, BROUGHT TO THE PROPER MOISTURE CONTENT, AND COMPACTED (TYPICALLY) TO NOT LESS THAN NINETY (90%) OF MAXIMUM DENSITY IN ACCORDANCE WITH CURRENT ASTM DENSITY TEST NO. D 1557, OR TO SUCH OTHER DENSITY AS MAY BE DETERMINED APPROPRIATE FOR THE MATERIALS AND CONDITIONS AND ACCEPTABLE TO THE ENGINEER AND OR INSPECTORS.

ROCK: WHEN FILL MATERIAL INCLUDES ROCK, THE MAXIMUM ROCK SIZE ACCEPTABLE SHALL BE SIX INCHES (6"). NO LARGE ROCKS SHALL BE ALLOWED TO NEST AND ALL VOIDS MUST BE CAREFULLY FILLED WITH SMALL STONES OR EARTH, PROPERLY COMPACTED. NO LARGE ROCKS WILL BE PERMITTED WITHIN TWELVE INCHES (12"), OF THE FINISHED GRADE.

MOISTURE CONTENT: THE FILL MATERIAL SHALL BE COMPACTED AT THE APPROPRIATE MOISTURE CONTENT SPECIFIED FOR THE SOILS BEING USED, AS IDENTIFIED IN LABORATORY AND SOILS REPORT. MOISTURE CONTENT TOLERANCES SHOULD BE CLEARLY DEFINED FOR PLACEMENT OF EACH MATERIAL PROPOSED FOR USE IN A FILL. APPROPRIATE MOISTURE CONTENT IS DEFINED TYPICALLY, AS OPTIMUM MOISTURE CONTENT, HOWEVER FOR EXPANSIVE SOILS IT MAY BE GREATER THAN OPTIMUM MOISTURE CONTENT, AND OTHER MOISTURE CONTENTS MAY BE NECESSARY TO PRODUCE THE DESIRED RESULTS WITH SPECIFIC SOILS.

DENSITY TESTS: FIELD DENSITY TEST SHALL BE MADE BY THE SOILS ENGINEER OF THE COMPACTION OF EACH LAYER OF FILL. DENSITY TEST SHALL BE TAKEN IN THE COMPACTED MATERIAL BELOW THE DISTURBED SURFACE. WHEN THESE TESTS INDICATE THAT THE DENSITY OF ANY LAYER OF FILL OR PORTION THEREOF IS BELOW THE REQUIRED DENSITY, THE PARTICULAR LAYER OF PORTION SHALL BE REWORKED UNTIL THE REQUIRED DENSITY HAS BEEN OBTAINED. SUFFICIENT DENSITY TESTS SHALL BE MADE TO SUPPORT THE SOILS ENGINEER'S CERTIFICATION OF EACH FILL LAYER.

REPRESENTATIVES OF THE SOILS ENGINEER WILL OBSERVE THE WORK IN PROGRESS, MAKE TESTS OF THE SOIL, AND REVIEW THE EXCAVATIONS AND TRENCHES. THE CIVIL ENGINEER WILL OBSERVE GRADING OPERATIONS TO FACILITATE SUBSTANTIAL COMPLIANCE WITH THE PLANS. SPECIFICATIONS AND CODES WITHIN HIS PURVIEW. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND TECHNIQUES, SEQUENCES AND PROCEDURES. THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS ON THE JOB SITE, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE PERFORMANCE OF THE WORK. INTERMITTENT VISITS BY THE SOILS ENGINEER OR THE CIVIL ENGINEER DO NOT INCLUDE REVIEW OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.

GRADING WORK SHALL BE DONE IN A MANNER TO PREVENT STORM DAMAGE TO PUBLIC OR PRIVATE PROPERTY OF OTHERS BY FLOODING, EROSION, DEPOSITION, DEBRIS, OR ANY OTHER DAMAGE RESULTING FROM THE GRADING

15. SURFACE DRAINAGE SHALL HAVE A MINIMUM SLOPE OF TWO PERCENT AWAY FROM ALL STRUCTURES.

16. THE WORK EMBRACED HEREIN SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION DATED JULY 2010, INSOFAR AS THE SAME MAY APPLY IN ACCORDANCE WITH THE NOTES HEREON, IN CASE OF CONFLICT WITH THE STANDARD SPECIFICATIONS AND ANY NOTES HEREON, THE NOTES HEREON SHALL TAKE PRECEDENCE OVER AND USED IN LIEU OF SUCH CONFLICTING PORTIONS. AND SPECIFICATIONS SHALL APPLY BUT NOT BE LIMITED TO THE FOLLOWING:

A) ASPHALT CONCRETE SHALL BE TYPE "B" , 1/2 " MAXIMUM, MEDIUM GRADED, AND INTERMEDIATELY MIXED WITH 5-6.5% ASPHALT, NO R.A.P. (RECLAIMED ASPHALT PAVEMENT) SHALL BE USED, ASPHALT SHALL BE PERFORMANCE GRADE

17. AFINAR INC., SHALL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO, OR USES OF, THESE PLANS MUST BE APPROVED, IN WRITING, BY

18. PRIOR TO COMMENCING CONSTRUCTION, CONTRACTOR SHALL POTHOLE ALL UTILITIES THAT WILL BE AFFECTED BY THIS CONSTRUCTION TO DETERMINE IF ANY UTILITY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER SO THAT DESIGN CHANGES CAN BE MADE PRIOR TO THE START OF CONSTRUCTION.

THE SOIL ENGINEER SHALL REVIEW ALL EXCAVATIONS PRIOR TO BACKFILLING AND SHALL BE NOTIFIED OF ANY ITEM ENCOUNTERED DURING THE GRADING OPERATIONS THAT MIGHT AFFECT FOUNDATION STABILITY SO THAT RECOMMENDATIONS CAN BE MADE BY SOILS ENGINEER.

20. CONTRACTOR TO VERIFY DIMENSIONS AND ELEVATIONS OF EXISTING IMPROVEMENTS IN THE FIELD BEFORE PROCEEDING WITH WORK, ANY DISCREPANCIES THAT WILL AFFECT TIE-INS TO EXISTING IMPROVEMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.

THE GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE PROJECT SHALL BE NOTIFIED BY THE CONTRACTOR OF THE OWNER A MINIMUM OF 48 HOURS PRIOR TO THE TIME THAT GRADING IS TO COMMENCE AND THE CONTRACTOR OR THE OWNER SHALL MAKE ALL NECESSARY ARRANGEMENTS FOR THEIR INSPECTIONS.

THE SOILS ENGINEER SHALL BE NOTIFIED SUFFICIENTLY IN ADVANCE TO PERMIT EXAMINATION OF SUBGRADE AND TESTING OF FILL AND FINAL GRADES. THE SOILS ENGINEER SHALL BE NOTIFIED OF ANY CONDITION THAT MAY EFFECT THE

23. THE CONTRACTOR SHALL OBTAIN ANY PERMITS NECESSARY FOR ANY CONSTRUCTION WITHIN STREET RIGHT-OF-WAY FROM THE LOCAL GOVERNING

AN OSHA PERMIT IS REQUIRED WHEN WORKERS MUST ENTER TRENCHES OR EXCAVATIONS FIVE (5) FEET OR DEEPER.

THE DESIGN ENGINEER SHALL EXERCISE SUFFICIENT SUPERVISORIAL CONTROL DURING GRADING AND CONSTRUCTION TO INSURE COMPLIANCE WITH THE PLANS, SPECIFICATIONS, AND CODE WITHIN HIS PURVIEW.

26. AN ENCROACHMENT PERMIT SHALL BE OBTAINED FROM THE GOVERNING PUBLIC WORKS DEPARTMENT PRIOR TO WORKING WITHIN THE STREET RIGHT-OF-WAY.

27. IMPROVEMENTS IN THE STREET RIGHT-OF WAY MADE IN REFERENCE TO APPROVED STREET PLANS.

28. NOT USED

29. NOT USED

DURING GRADING, REASONABLE SEARCHING SHOULD BE PERFORMED FOR CANCELED SUBSURFACE OBSTRUCTIONS, ALL ABANDONED SUBSURFACE OBSTRUCTIONS SHOULD BE REMOVED. IF THE TERMINUS OF ANY ABANDONED PIPING IS OUTSIDE THE PROJECT LIMITS, THE PIPING SHOULD BE REMOVED WITHIN THE PROJECT AND PROPERLY CAPPED AT THE PROJECT BOUNDARY.

DUST CONTROL: SHALL MEET AIR DISTRICT STANDARDS AND IT SHALL BE FROM THE SITE OF WORK AS A RESULT OF HIS OPERATIONS DURING THE EFFECTIVE PERIOD OF THIS CONTRACT. PREVENTATIVE MEASURES TO BE TAKEN BY THE CONTRACTOR SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING;

A. WATER SHALL BE APPLIED TO ALL UNPAVED AREAS AS REQUIRED TO PREVENT THE SURFACE FROM BECOMING DRY ENOUGH TO PERMIT DUST FORMATION. B. PAVED SURFACES OVER WHICH VEHICULAR TRAFFIC IS PERMITTED TO TRAVEL SHALL BE KEPT FREE OF DIRT.

33. CONTRACTOR TO COORDINATE WITH INSPECTOR AND DEVELOPER. THE LOCATION OF THE BORROW OR SPOILS PRIOR TO CONSTRUCTION.

THE LOCATION OF EXISTING UTILITIES AND UNDERGROUND PIPELINES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND PIPELINES BEFORE COMMENCING WORK, CONTRACTOR ASSUMES ALL LIABILITY FOR ANY AND ALL UNDERGROUND UTILITIES AND PIPELINES.

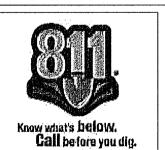
35. CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AND THE LOCAL PUBLIC WORKS DEPARTMENT AT LEAST TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION TO MARK THE LOCATIONS OF EXISTING UTILITY LINES. PHONE: USA 1-800-227-2600

BENCH MARK

<u>BENCHMARK</u>

LOCAL

ASSUMED ELEVATION = SEE PLAN



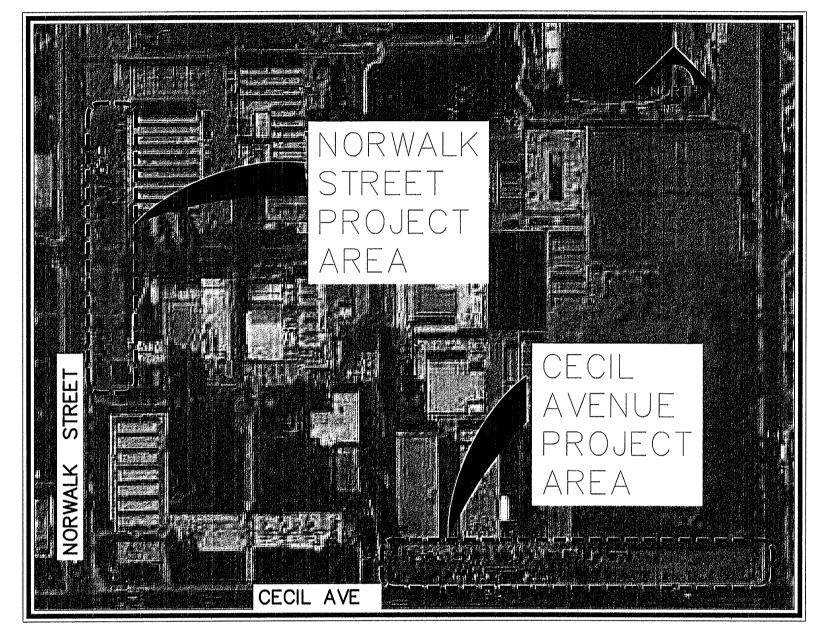
Underground Service Alert

Two days Before You dig

OR 1-800-227-2600

PARKING LOT REHABILITATION NORWALK STREET & CECIL AVENUE DELANO JOINT UNION HIGH SCHOOL DISTRICT

DELANO, CALIFORNIA



SITE AREA ? S.F. ? Ac.

NPDES NOTES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH ALL APPLICABLE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS FOR THIS SITE. THIS SHALL INCLUDE, BUT NOT LIMITED TO THE FOLLOWING:

1. PROJECT AREA IS LESS THAN ONE (1) ACRE AND IS NOT REQUIRED TO BE COVERED UNDER GENERAL PERMIT.

- NO N.O.I. IS REQUIRED

- NO SWPPP OR OTHER DOCUMENTS REQUIRED BY STATE.

2. PER 2013 CALGREEN BUILDING STANDARDS CODE S5.106.1, NON-RESIDENTIAL NEWLY CONSTRUCTED PROJECTS WHICH DISTURB LESS THAN ONE ACRE OF LAND SHALL PREVENT THE LOSS OF SOIL OR POLLUTION OF STORMWATER RUNOFF FROM THE CONSTRUCTION ACTIVITIES THROUGH LOCAL ORDINANCE REQUIREMENTS AND/OR BEST MANAGEMENT PRACTICE (BMP).

BMP's THAT SHOULD BE CONSIDERED FOR IMPLEMENTATION AS APPROPRIATE FOR EACH PROJECT INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING:

EROSION AND SEDIMENT CONTROL BMP's

Scheduling construction activity

Preservation of natural features, vegetation and soil

• Drainage swales or lined ditches to control stormwater flow

Mulching or hydroseeding to stabilize soils Erosion control covers to protect slopes

 Protection of storm drain inlets (gravel bags or catch basin inserts) • Sediment trap of sediment basin to retain sediment on site

 Stabilized construction exists Wind erosion control

HOUSEKEEPING BMP's :

Material handling and waste management

• Building materials stockpile management Management of washout areas (concrete, paints, stucco, etc.)

Control of vehicle/equipment performed offsite

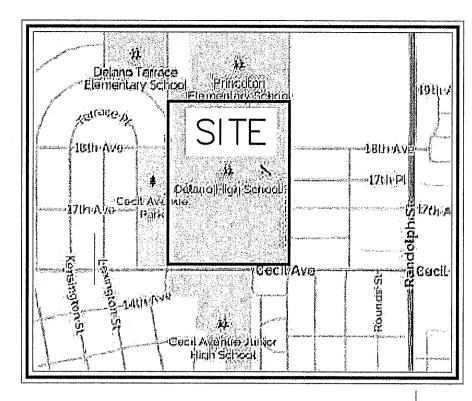
Spill prevention and control

DATE

3. LOCAL MUNICIPALITY ENFORCES LOCAL STORM WATER ORDINANCE

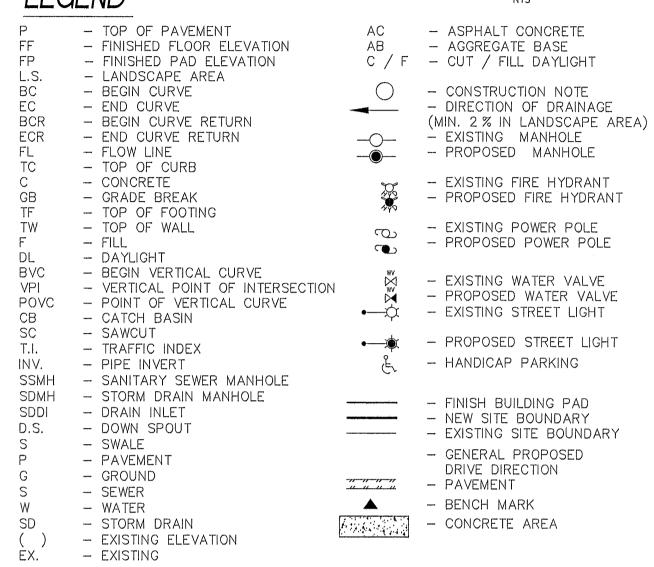
4. LOCAL MUNICIPALITY MAY HAVE CONDITIONS REQUIRING REVIEW OF SWPPP ITEMS

REVISION



VICINITY MAP





REMOVE AND PROTECT EXISTING SIGNAGE.

PULVERIZE EXISTING PARKING LOT . USING EXISTING PULVERIZED MATERIAL AS BASE, GRADE, COMPACT PARKING LOT. -. REPAVE EXISTING PARKING LOT.

5. STRIPE AND RE-INSTALL SIGNS AND WHEEL STOPS

SHEET INDEX

NORWALK 1 NORWALK 2

NORWALK 3 CECIL 1A CECIL 1B

CECIL 2A C-8 CECIL 2B

NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES AND ANY OTHER LINES NOT SHOWN ON THESE PLANS. PRIOR TO EXCAVATION THE CONTRACTOR SHALL ALL 811 FOR THE UNDERGROUND LOCATIONS OF UTILITY LINES. THE CONTRACTOR SHALL ALSO CALL THE APPLICABLE UTILITY COMPANIES TO VERIFY THE LOCATIONS.

ALL UTILITIES IN EFFECTED WORK AREA SHOULD BE POTHOLED PRIOR TO

ENGINEER'S STATEMENT

THESE PLANS AND SPECIFICATIONS WERE PREPARED BY ME OR UNDER MY DIRECTION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH ORDINANCES AND

ANY ERRORS, OMISSIONS, OR DEVIATIONS FROM THOSE ORDINANCES OR STANDARDS ENCOUNTERED DURING CONSTRUCTION SHALL BE CORRECTED AND SUCH CORRECTIONS REFLECTED ON THE PLANS.





214 BERNARD STREET BAKERSFIELD, CA 93305

P:(661)716-7443 P:(661)716-7444 www.afinar.net



PREPARED FOR:

DELANO JOINT UNION SCHOOL DISTRICT 1720 NORWALK STREET DELANO, CALIFORNIA 93215 PHONE (661) 725-4000 FAX (661) 721-9390

15	TAL VISION	7110	

APP'D

DELANO JOINT UNION HS DISTRICT DELANO. CALIFORNIA

COVER SHEET

SCALE: AS NOTED JOB#: 2018-34

DATE: 12-21-2018

DRAWN BY: MIM

1 OF 8