

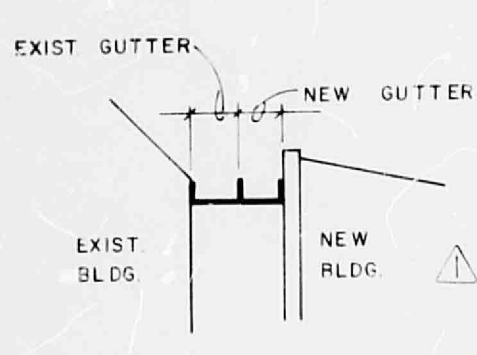
ASPHALT
NOTE TO CONTRACTOR: RE-CUT EXIST
6" P.V.C. DRAIN TO KEEP CLEAR OF NEW
CONSTRUCTION. PROVIDE POSITIVE
DRAINAGE TO PIPE.

EXIST DOWNSPOUT - WATER
DRAINS TO NORTH

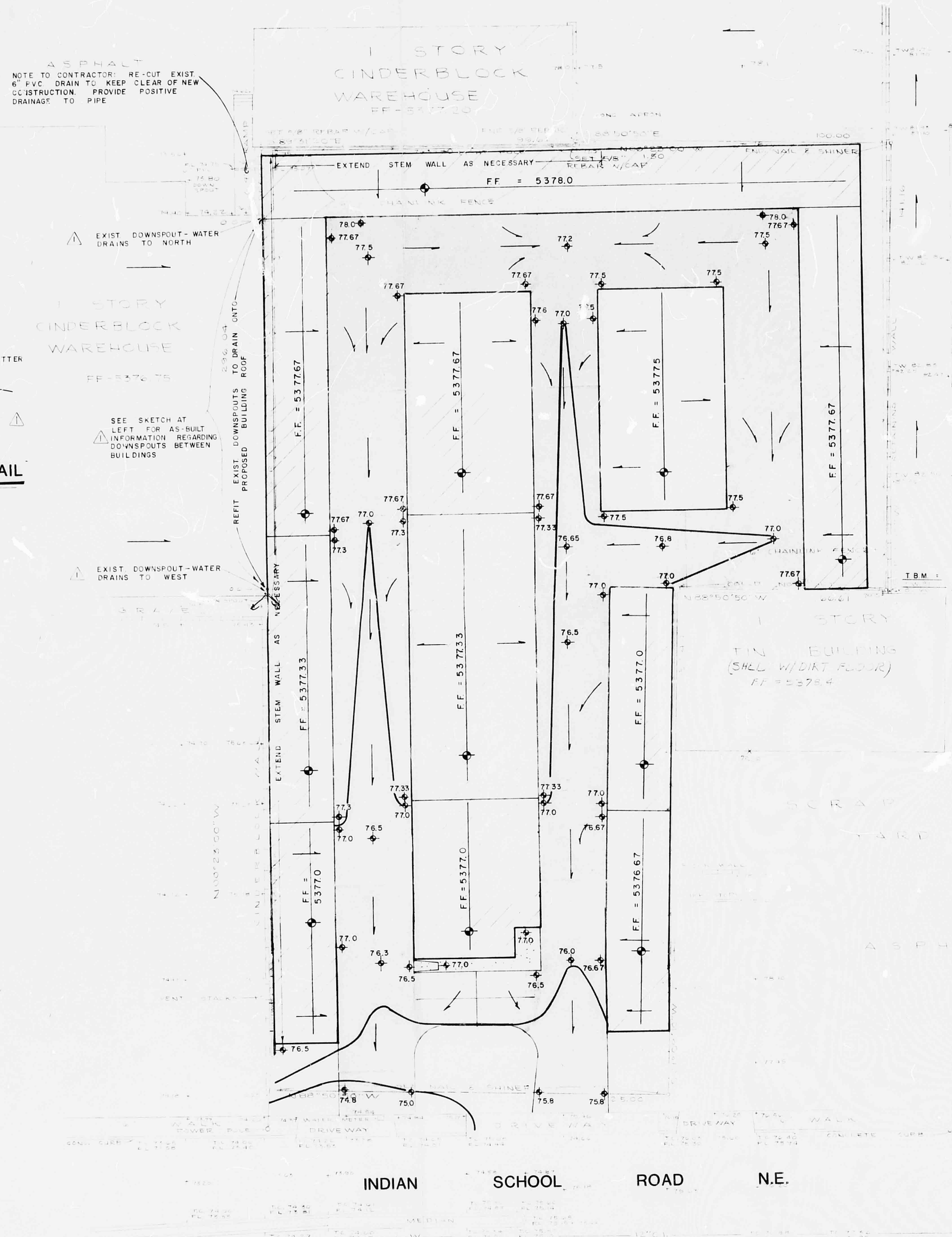
EXIST DOWNSPOUT - WATER
DRAINS TO WEST

SEE SKETCH AT
LEFT FOR AS-BUILT
INFORMATION REGARDING
DOWNSPOUTS BETWEEN
BUILDINGS

EXIST DOWNSPOUT - WATER
DRAINS TO WEST



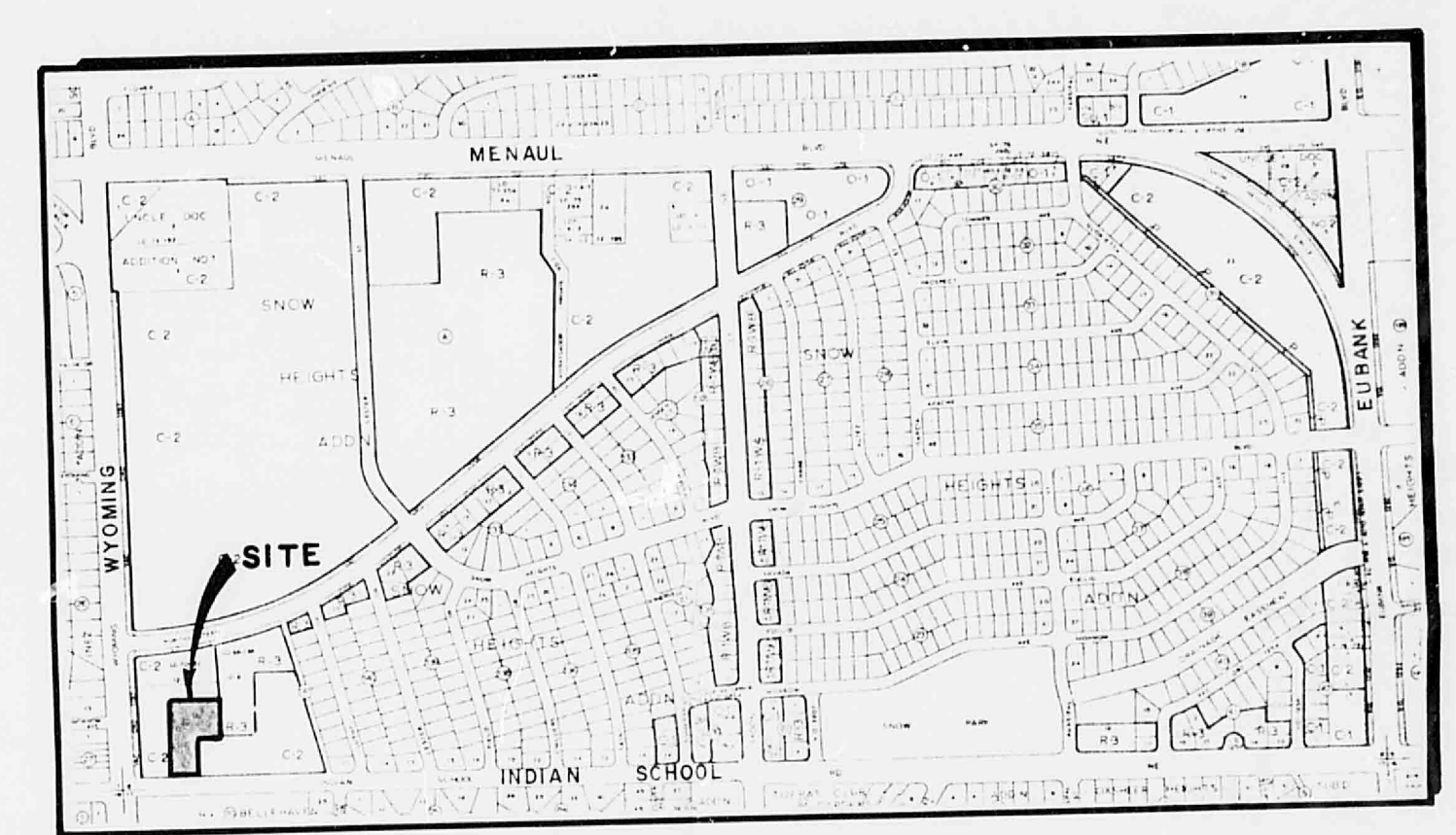
GUTTER DETAIL



SCALE: 1" = 20'

LEGEND

- ASPHALT PAVING
- LANDSCAPED AREA
- PROPERTY LINE
- EXISTING CURB & GUTTER W/SIDEWALK
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED FINISHED CONTOUR
- SURFACE FLOW DIRECTION
- BUILDING STRUCTURE



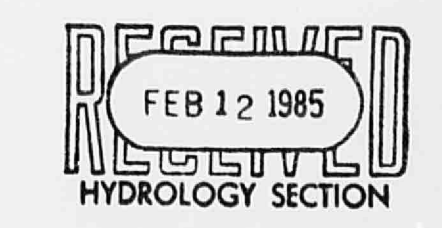
VICINITY MAP H 20

- RESUBMITTAL 4-25-84: Refer to letter of April 20, 1984 (H-20-D-13)
- Existing warehouse on west side - area draining to site = 11,000 ft.², developed runoff from site adjusted in "9" below.
 - Drainline in NW corner site used to transfer flows around pocket created by ramp. New construction will reroute flows now directed to pipe.

- Area east of building to be used as landscaped area - Only flow into area would be directly from above - No roof or offsite flows.
- FF of tin building = 5378.4 -
- Flows from area to east deflected north by gradient and existing block retaining wall.
- North Building will not be flush against existing structures. Open space of 1' min. will exist for flows to drain west, with a higher probability of flows infiltrating into ground.

NOTES:

- Legal: A portion of Lot 17, Block 141, Snowflights Addition, Albuquerque, New Mexico.
- Surveyor: Ron Forstbauer Surveying Company, March 1984
- B.M.: 7-H20, Elevation 5571.08
- T.B.M.: Top of wall at S.E. corner of site, elevation = 5381.77
- Soil: SCS Soils Map Sheet 51/Soil = Etc, Hydrologic Soil Group "B".
- Flood Hazard: Site is not located in Flood Hazard
- Offsite Drainage: Site is isolated from offsite flows from the east by existing development. Area bordering north boundary is divided between an open area and an existing building. The open area slopes from east to west, and does not contribute flows to the site.
- Design Criteria: In a pre-design meeting with City Hydrology, on March 19, 1984, the following criteria was established:
 - Drainage Plan per DPM required.
 - Infill site - free discharge allowed thru drive pad.
- Discharge Rates
 - Undeveloped 0.100 = (2.15)(2.4)(0.34)(1.1Ac) = 2 c.f.s.
 - Developed 0.100 = (2.15)(2.4)(0.93)(1.34Ac) = 6 c.f.s.



RESUBMITTED 5-84: FINISHED FLOOR ELEVATIONS CHANGED TO REFLECT CHANGES IN THE NUMBER OF UNITS WHICH ARE CLUSTERED TOGETHER.

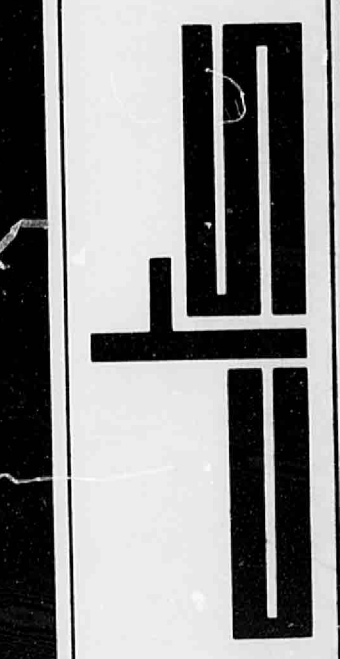
REVISED 2-85: AS-BUILT CONDITIONS SHOWN AT N.W. CORNER BETWEEN

H20/D13

CTS INC.
ENGINEERING
1100 ALVARADO N.E. SUITE A
ALBUQUERQUE, NEW MEXICO 87110
(505) 260-3444

REVISIONS	DATE
DESIGNED	1-84
DRAWN	AWO
CHECKED	CLC

DRAINAGE / GRADING PLAN
MINIWAREHOUSE UNITS
INDIAN SCHOOL & WYOMING N.E.



SHEET 1 OF 1